

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
 Data File : BF115407.D
 Acq On : 8 Jul 2019 15:54
 Operator : HP/JU
 Sample : PB121130BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB121130BS

Quant Time: Jul 08 16:56:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 14:57:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	184825	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	725090	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	359947	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	681908	20.00	ng	0.00
76) Chrysene-d12	14.06	240	470798	20.00	ng	-0.01
87) Perylene-d12	15.54	264	430561	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	1433004	119.79	ng	0.02
7) Phenol-d6	6.53	99	1817779	119.48	ng	0.00
23) Nitrobenzene-d5	7.46	82	1088937	88.73	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	519472	130.53	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1934850	94.32	ng	0.00
79) Terphenyl-d14	13.00	244	1992365	86.65	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.84	88	242725	41.367	ng	99
3) Pyridine	3.57	79	623842	38.450	ng	99
4) n-Nitrosodimethylamine	3.52	42	264494	40.200	ng	97
6) Aniline	6.56	93	675229	31.451	ng	99
8) 2-Chlorophenol	6.69	128	574418	42.526	ng	96
9) Benzaldehyde	6.45	77	327553	36.847	ng	97
10) Phenol	6.54	94	733227	40.281	ng	96
11) bis(2-Chloroethyl)ether	6.63	93	555234	41.117	ng	99
12) 1,3-Dichlorobenzene	6.84	146	613207	41.437	ng	99
13) 1,4-Dichlorobenzene	6.92	146	622362	41.985	ng	99
14) 1,2-Dichlorobenzene	7.07	146	570057	41.537	ng	99
15) Benzyl Alcohol	7.03	79	514321	42.129	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	760045	40.253	ng	100
17) 2-Methylphenol	7.15	107	486355	42.028	ng	99
18) Hexachloroethane	7.42	117	232163	42.043	ng	98
19) n-Nitroso-di-n-propylamine	7.31	70	409796	39.814	ng	99
20) 3+4-Methylphenols	7.30	107	587199	42.958	ng	94
22) Acetophenone	7.30	105	791641	45.563	ng	# 99
24) Nitrobenzene	7.47	77	635300	45.838	ng	98
25) Isophorone	7.72	82	1155335	43.433	ng	99
26) 2-Nitrophenol	7.79	139	300130	52.672	ng	98
27) 2,4-Dimethylphenol	7.83	122	555916	51.164	ng	99
28) bis(2-Chloroethoxy)methane	7.93	93	715080	43.594	ng	100
29) 2,4-Dichlorophenol	8.03	162	492883	45.545	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	540942	44.900	ng	99
31) Naphthalene	8.20	128	1643599	45.636	ng	100
32) Benzoic acid	7.95	122	380590	48.072	ng	95
33) 4-Chloroaniline	8.24	127	374158	23.284	ng	98
34) Hexachlorobutadiene	8.32	225	303356	44.400	ng	98
35) Caprolactam	8.62	113	94050	26.683	ng	98
36) 4-Chloro-3-methylphenol	8.72	107	511834	44.714	ng	98
37) 2-Methylnaphthalene	8.89	142	1103714	45.849	ng	100
38) 1-Methylnaphthalene	8.99	142	1040857	45.317	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	487992	47.125	ng	98

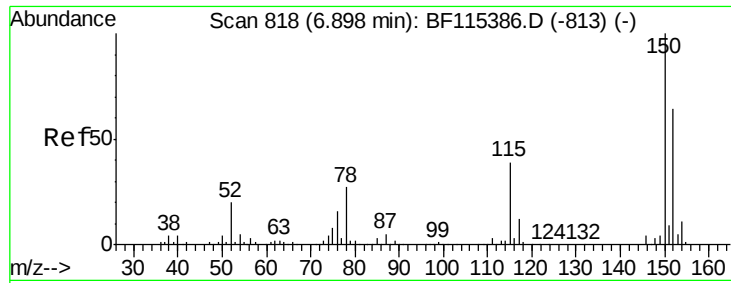
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	566664	94.416	ng	99
43) 2,4,6-Trichlorophenol	9.17	196	350867	46.541	ng	99
44) 2,4,5-Trichlorophenol	9.21	196	355727	45.506	ng	97
46) 1,1'-Biphenyl	9.36	154	1321398	46.697	ng	99
47) 2-Chloronaphthalene	9.38	162	1048216	44.820	ng	100
48) 2-Nitroaniline	9.47	65	317733	46.242	ng	97
49) Acenaphthylene	9.80	152	1599175	45.163	ng	100
50) Dimethylphthalate	9.66	163	1185699	43.888	ng	100
51) 2,6-Dinitrotoluene	9.71	165	272224	46.460	ng	99
52) Acenaphthene	9.97	154	1107435	49.695	ng	99
53) 3-Nitroaniline	9.87	138	203774	29.944	ng	100
54) 2,4-Dinitrophenol	9.99	184	252052	97.331	ng	# 64
55) Dibenzofuran	10.14	168	1436215	45.751	ng	99
56) 4-Nitrophenol	10.04	139	473964	90.020	ng	96
57) 2,4-Dinitrotoluene	10.12	165	361115	48.495	ng	94
58) Fluorene	10.49	166	1059004	42.795	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	310226	45.939	ng	100
60) Diethylphthalate	10.36	149	1157634	43.533	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	539869	44.698	ng	98
62) 4-Nitroaniline	10.50	138	293463	43.932	ng	99
63) Azobenzene	10.63	77	1193713	43.548	ng	99
65) 4,6-Dinitro-2-methylphenol	10.53	198	170030	51.413	ng	86
66) n-Nitrosodiphenylamine	10.59	169	980536	45.637	ng	98
67) 4-Bromophenyl-phenylether	10.96	248	347078	45.361	ng	97
68) Hexachlorobenzene	11.03	284	383489	44.665	ng	99
69) Atrazine	11.12	200	320500	48.200	ng	99
70) Pentachlorophenol	11.22	266	456884	87.316	ng	98
71) Phenanthrene	11.45	178	1600752	44.635	ng	99
72) Anthracene	11.50	178	1645579	45.758	ng	100
73) Carbazole	11.65	167	1440654	43.789	ng	100
74) Di-n-butylphthalate	11.98	149	1727930	43.457	ng	99
75) Fluoranthene	12.63	202	1662025	44.014	ng	99
77) Benzidine	12.75	184	794254	43.262	ng	99
78) Pyrene	12.86	202	1681044	45.916	ng	99
80) Butylbenzylphthalate	13.47	149	735525	45.981	ng	94
81) Benzo(a)anthracene	14.05	228	1330700	44.113	ng	99
82) 3,3'-Dichlorobenzidine	14.00	252	363624	33.220	ng	99
83) Chrysene	14.09	228	1385405	44.698	ng	100
84) Bis(2-ethylhexyl)phthalate	14.04	149	925239	46.706	ng	99
85) Di-n-octyl phthalate	14.67	149	1616174	45.828	ng	99
86) Indeno(1,2,3-cd)pyrene	17.03	276	1162641	45.921	ng	# 100
88) Benzo(b)fluoranthene	15.12	252	1247664	44.506	ng	99
89) Benzo(k)fluoranthene	15.14	252	1196836	48.006	ng	99
90) Benzo(a)pyrene	15.49	252	1125921	46.566	ng	98
91) Dibenzo(a,h)anthracene	17.05	278	974643	47.172	ng	98
92) Benzo(g,h,i)perylene	17.48	276	957590	48.965	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

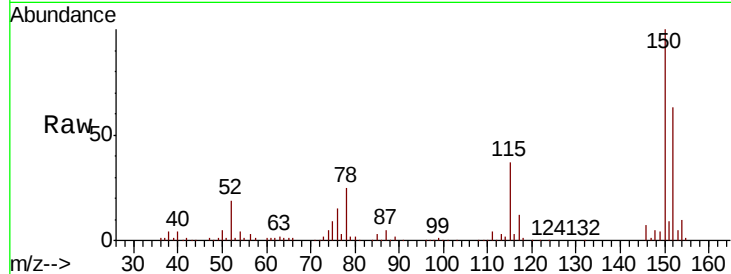


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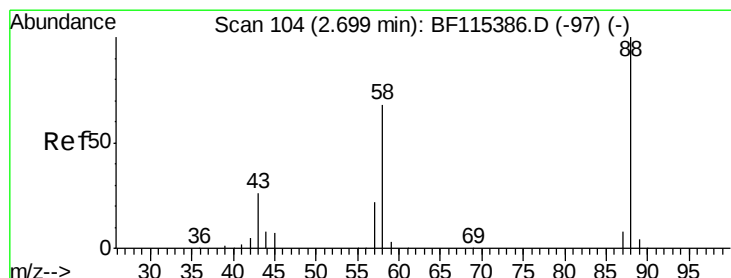
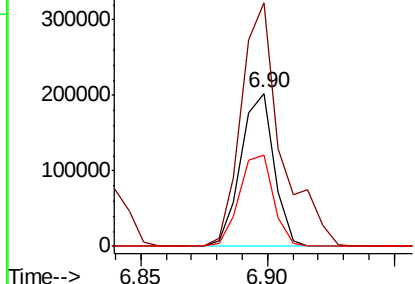
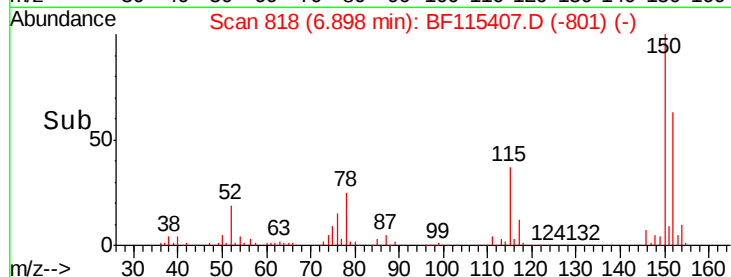
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Instrument :
BNA_E
ClientSampleId :
PB121130BS

Tot Ion:152 Resp: 184825
Ion Ratio Lower Upper
152 100
150 159.3 124.7 187.1
115 59.5 48.1 72.1



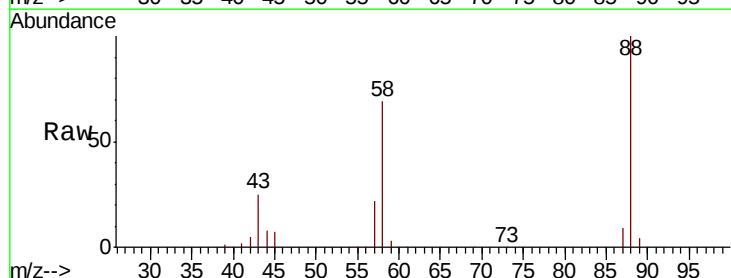
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



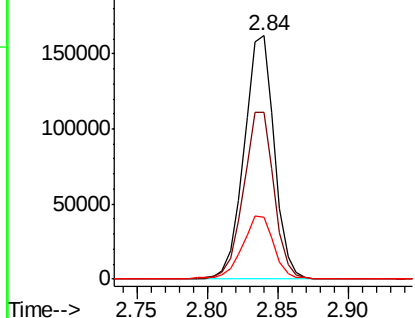
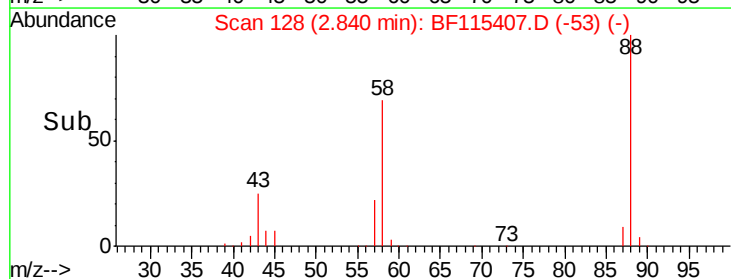
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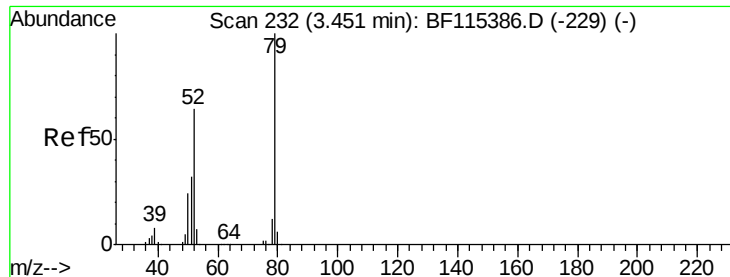
1,4-Dioxane
Concen: 41.367 ng
RT: 2.84 min Scan# 128
Delta R.T. 0.14 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Tgt Ion: 88 Resp: 242725
Ion Ratio Lower Upper
88 100
58 69.5 54.6 82.0
43 26.5 21.4 32.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 38.450 ng

RT: 3.57 min Scan# 252

Delta R.T. 0.12 min

Lab File: BF115407.D

Acq: 8 Jul 2019 15:54

Instrument :

BNA_E

ClientSampleId :

PB121130BS

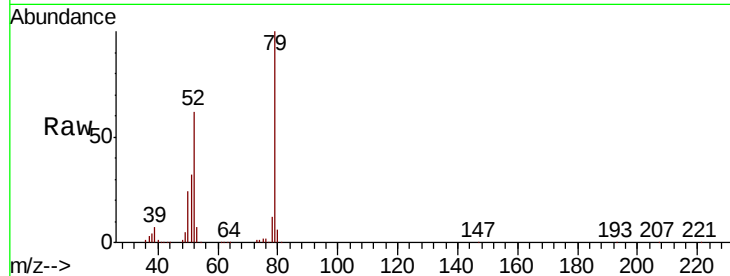
Tot Ion: 79 Resp: 623842

Ion Ratio Lower Upper

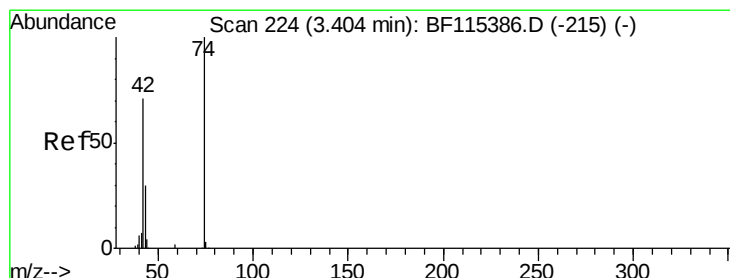
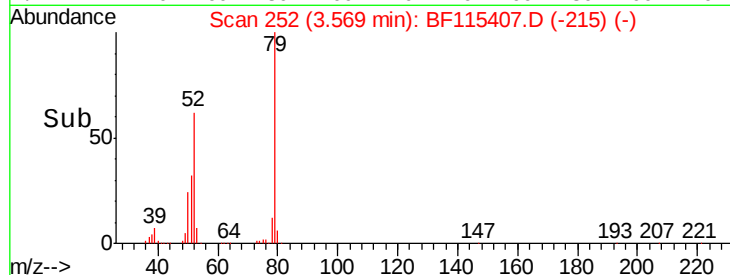
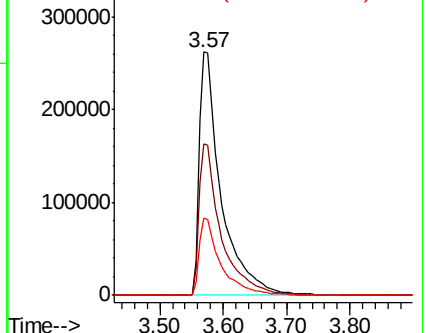
79 100

52 62.4 50.9 76.3

51 31.6 25.8 38.6



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 40.200 ng

RT: 3.52 min Scan# 244

Delta R.T. 0.12 min

Lab File: BF115407.D

Acq: 8 Jul 2019 15:54

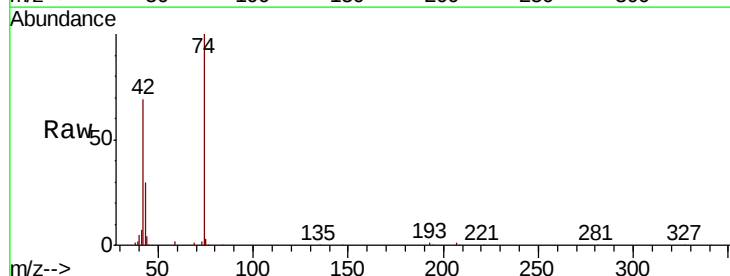
Tgt Ion: 42 Resp: 264494

Ion Ratio Lower Upper

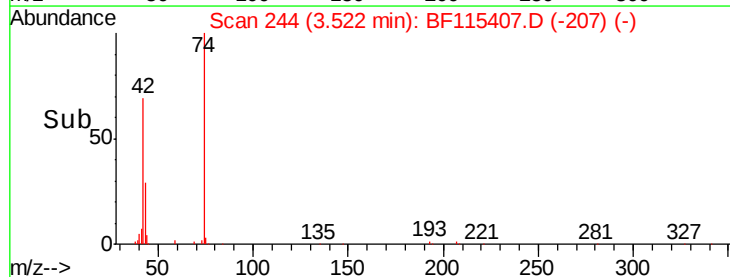
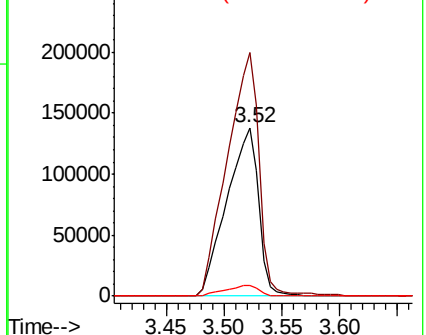
42 100

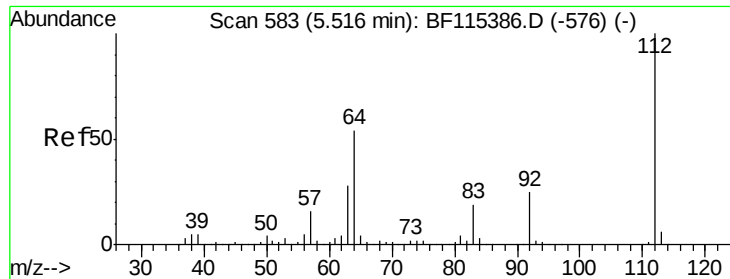
74 144.5 112.8 169.2

44 6.0 5.4 8.0



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 119.791 ng

RT: 5.53 min Scan# 586

Delta R.T. 0.02 min

Lab File: BF115407.D

Acq: 8 Jul 2019 15:54

Instrument :

BNA_E

ClientSampleId :

PB121130BS

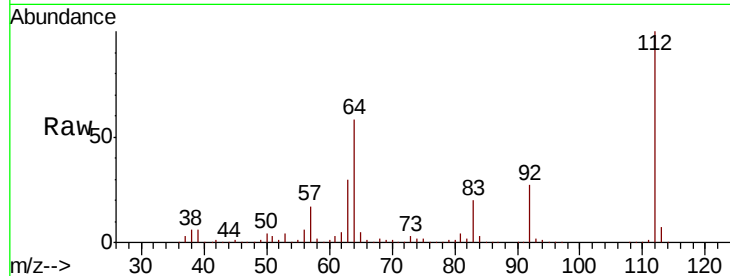
Tot Ion:112 Resp: 1433004

Ion Ratio Lower Upper

112 100

64 57.8 43.0 64.6

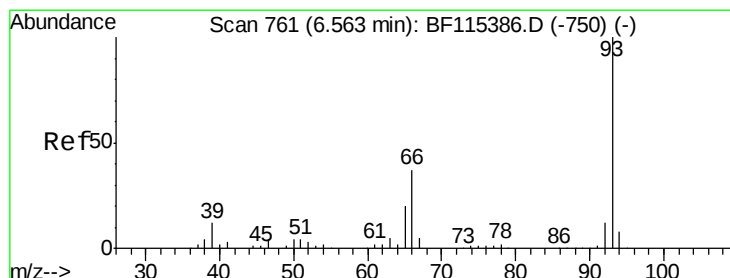
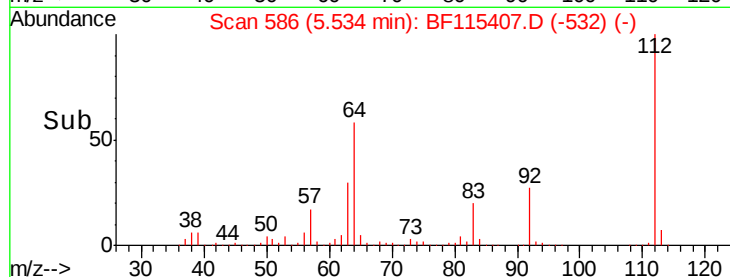
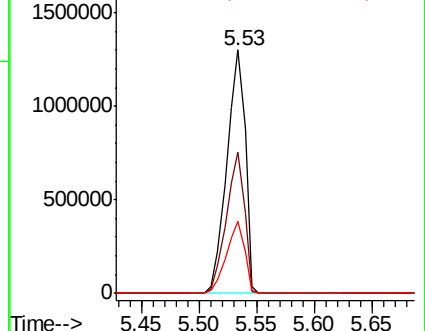
63 29.5 22.2 33.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 31.451 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF115407.D

Acq: 8 Jul 2019 15:54

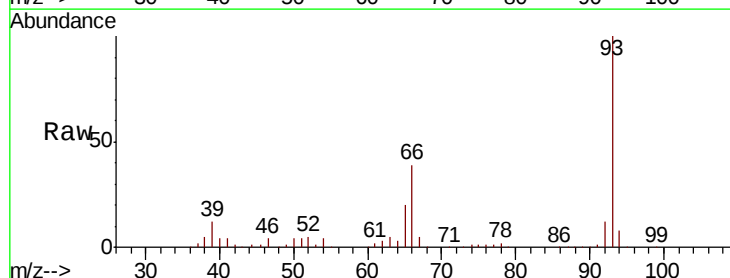
Tgt Ion: 93 Resp: 675229

Ion Ratio Lower Upper

93 100

66 39.1 30.8 46.2

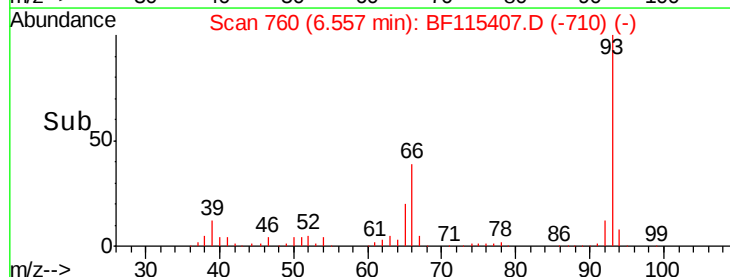
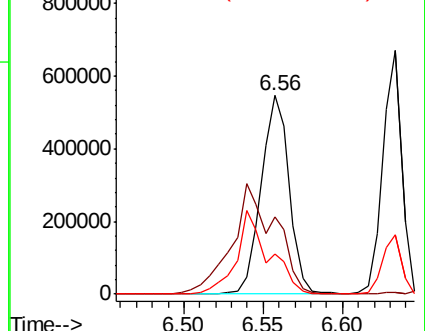
65 20.0 16.0 24.0

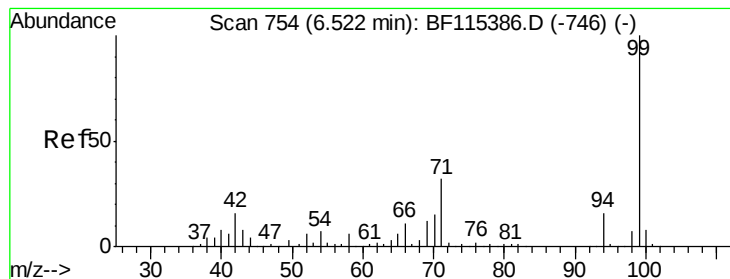


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 119.482 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF115407.D

Acq: 8 Jul 2019 15:54

Instrument :

BNA_E

ClientSampleId :

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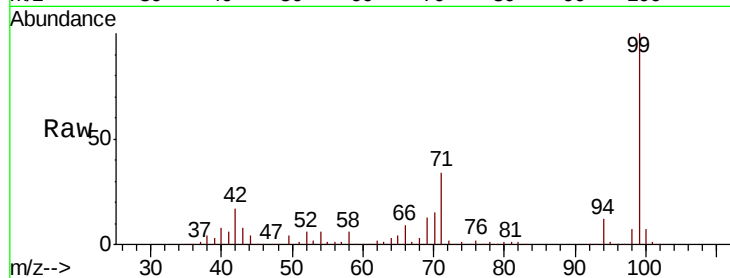
Tot Ion: 99 Resp: 1817779

Ion Ratio Lower Upper

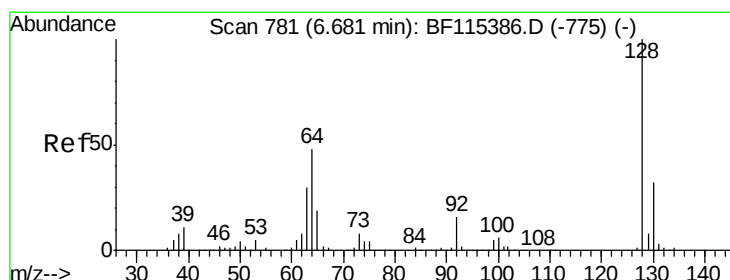
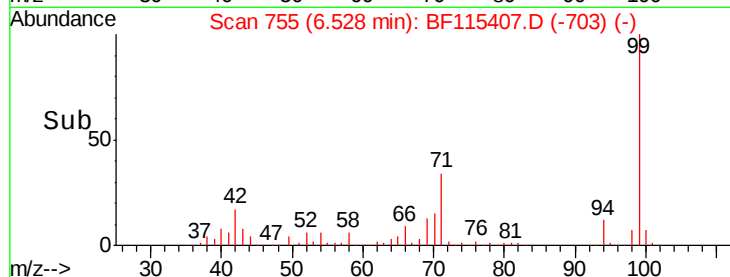
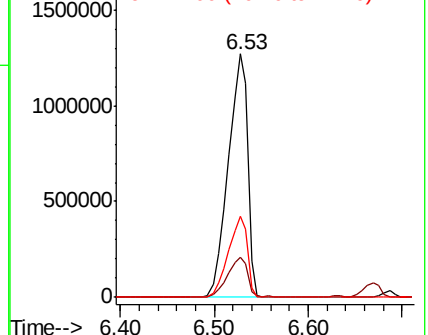
99 100

42 16.7 13.1 19.7

71 33.5 25.9 38.9



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.526 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.01 min

Lab File: BF115407.D

Acq: 8 Jul 2019 15:54

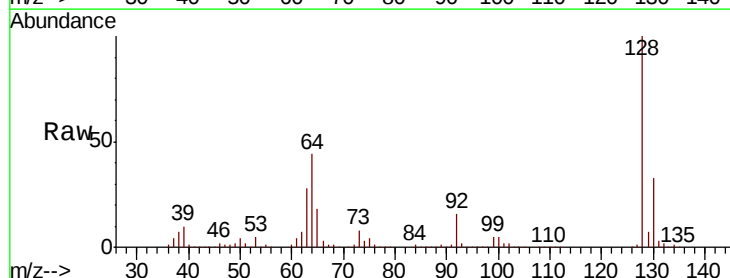
Tgt Ion:128 Resp: 574418

Ion Ratio Lower Upper

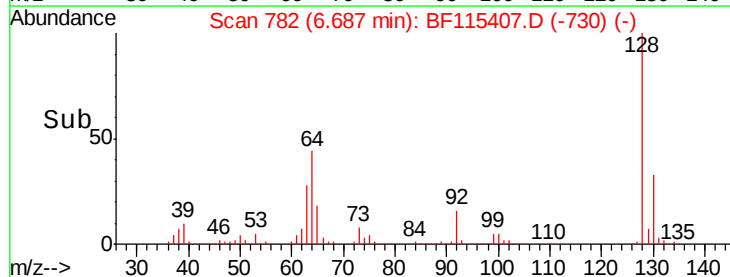
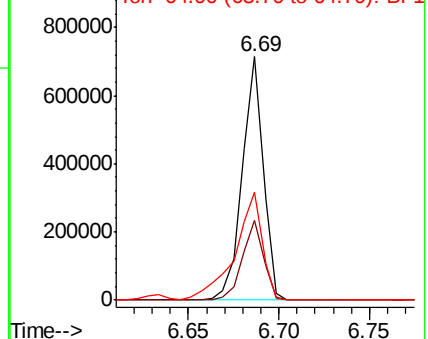
128 100

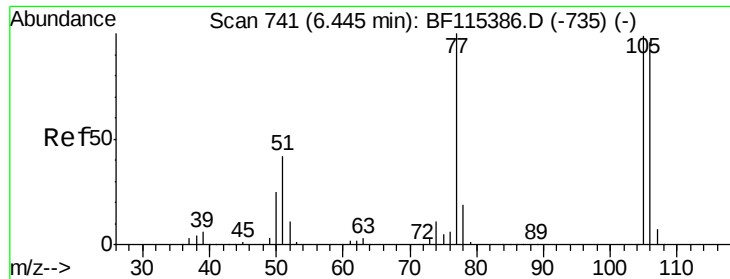
130 32.8 12.4 52.4

64 44.1 28.8 68.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1

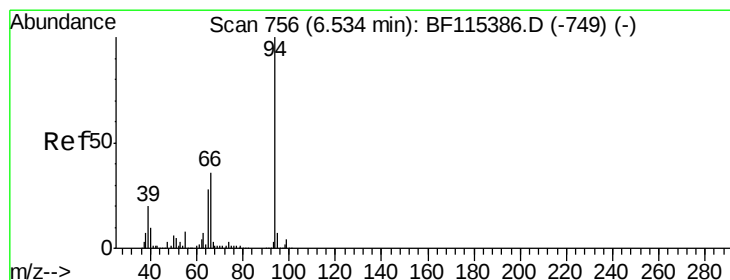
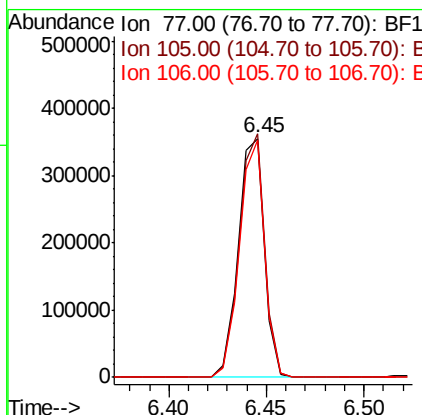
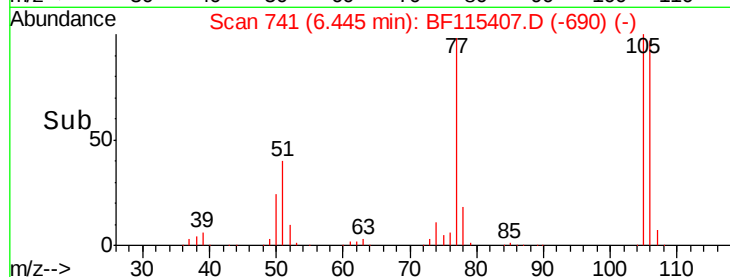
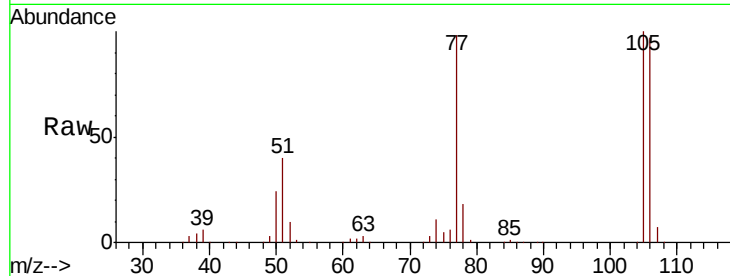




#9
Benzaldehyde
Concen: 36.847 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

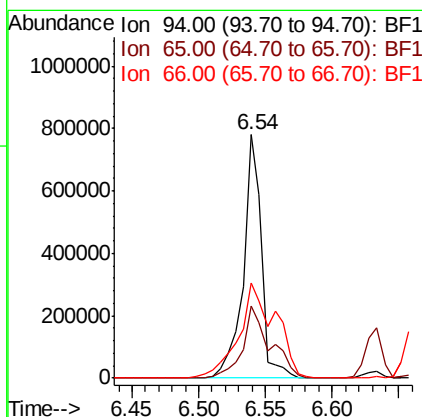
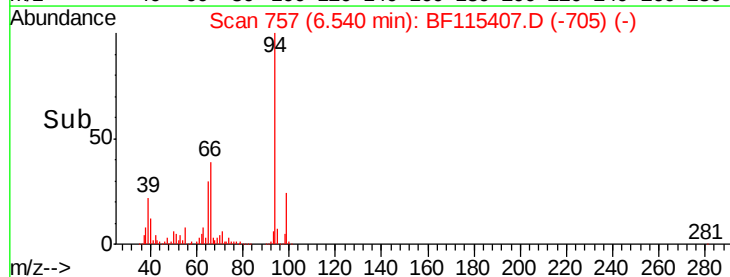
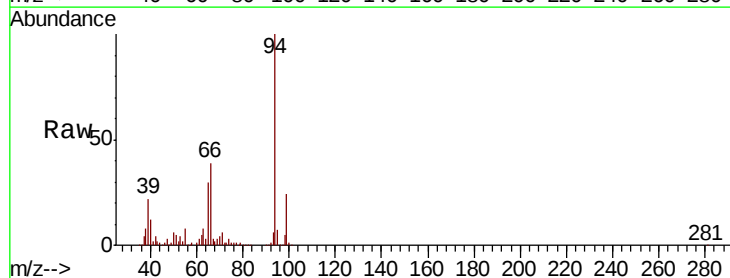
Instrument :
BNA_E
ClientSampleId :
PB121130BS

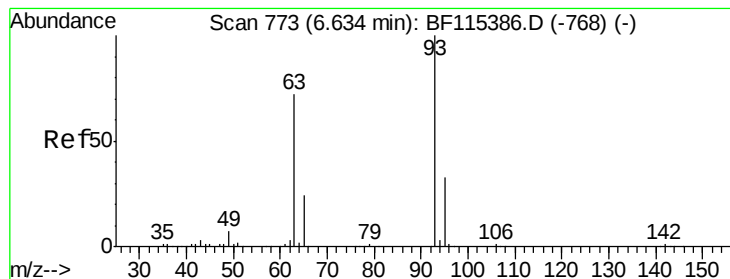
Tot Ion: 77 Resp: 327553
Ion Ratio Lower Upper
77 100
105 102.1 79.0 119.0
106 99.3 75.7 115.7



#10
Phenol
Concen: 40.281 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.01 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Tgt Ion: 94 Resp: 733227
Ion Ratio Lower Upper
94 100
65 29.7 8.0 48.0
66 38.8 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 41.117 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF115407.D

Acq: 8 Jul 2019 15:54

Instrument :

BNA_E

ClientSampleId :

PB121130BS

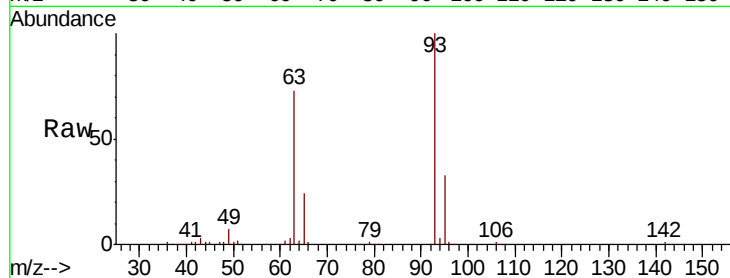
Tot Ion: 93 Resp: 555234

Ion Ratio Lower Upper

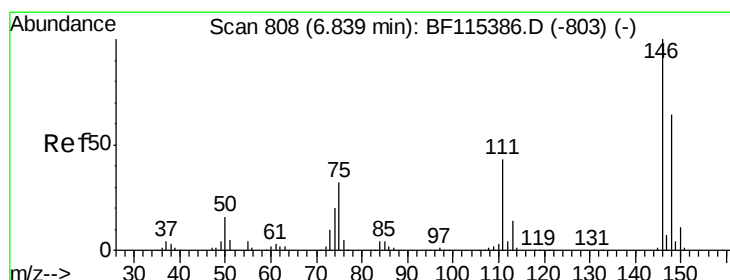
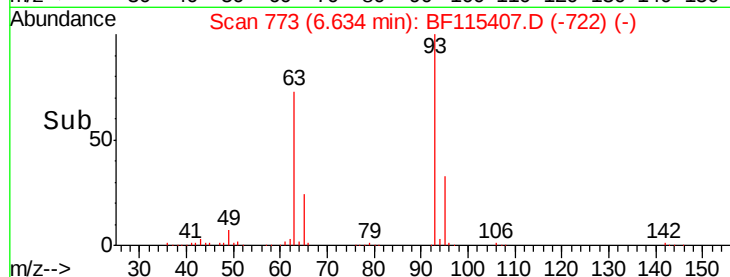
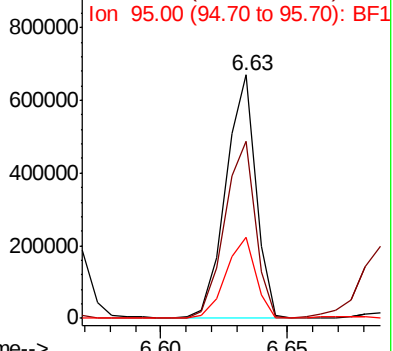
93 100

63 72.6 51.5 91.5

95 33.5 12.9 52.9



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 41.437 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF115407.D

Acq: 8 Jul 2019 15:54

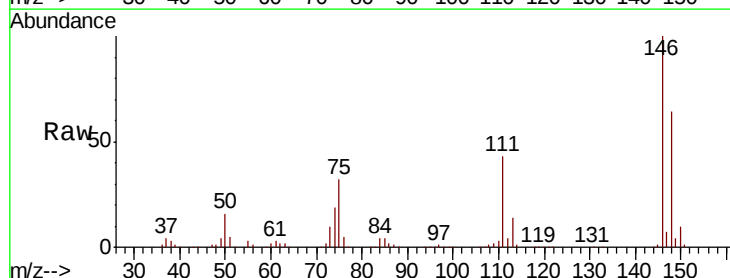
Tgt Ion: 146 Resp: 613207

Ion Ratio Lower Upper

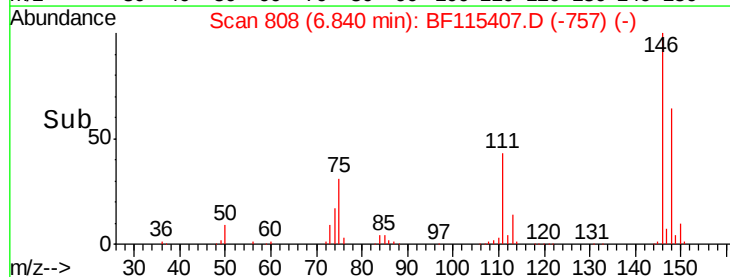
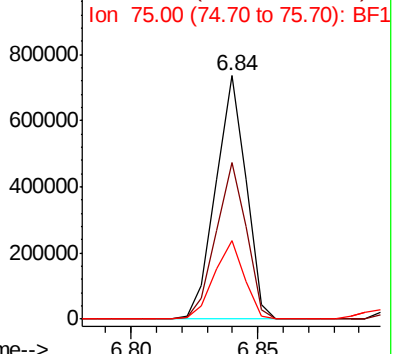
146 100

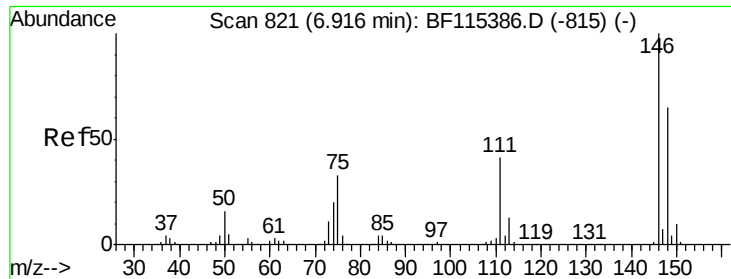
148 64.4 50.8 76.2

75 32.0 25.9 38.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

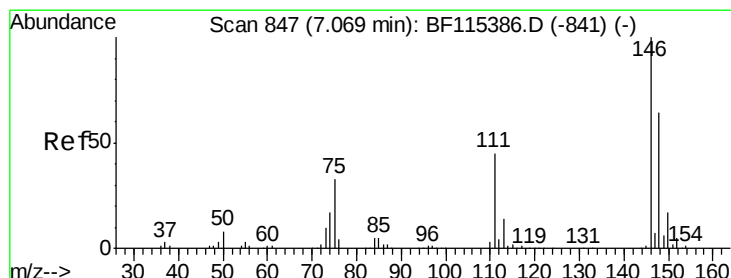
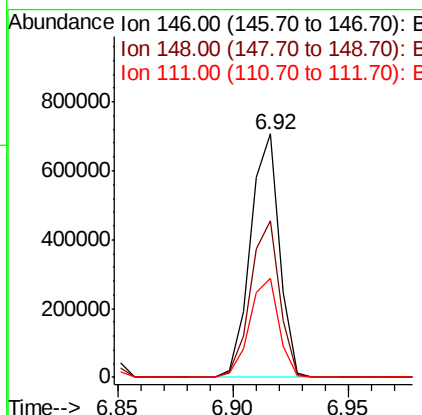
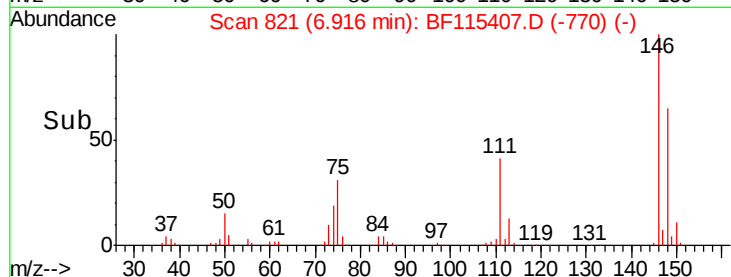
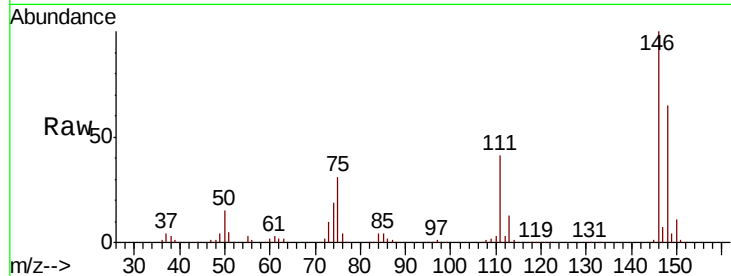




#13
 1,4-Dichlorobenzene
 Concen: 41.985 ng
 RT: 6.92 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF115407.D
 Acq: 8 Jul 2019 15:54

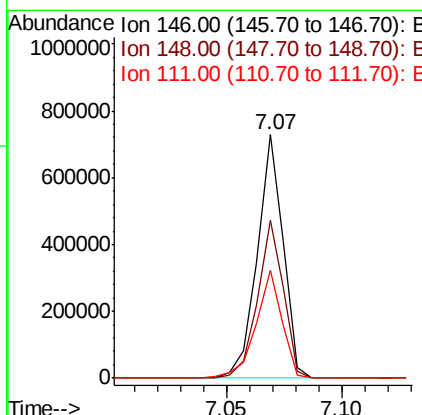
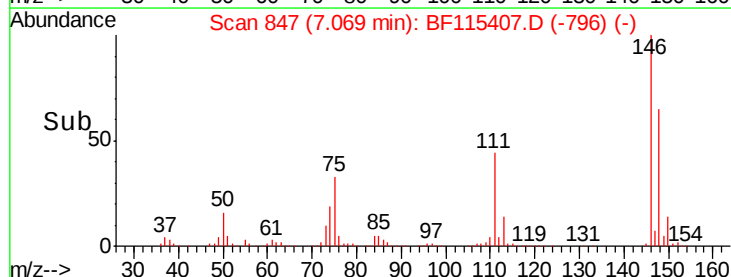
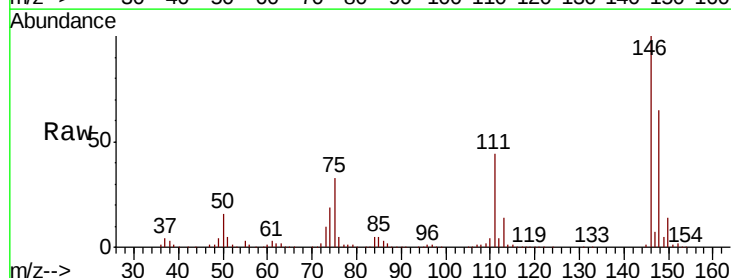
Instrument :
 BNA_E
 ClientSampleId :
 PB121130BS

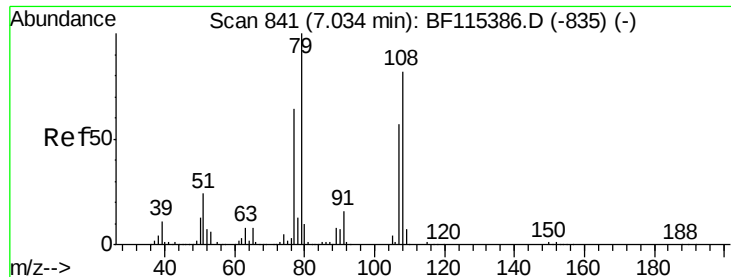
Tot Ion:146 Resp: 622362
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.3 78.5
 111 40.5 33.0 49.4



#14
 1,2-Dichlorobenzene
 Concen: 41.537 ng
 RT: 7.07 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BF115407.D
 Acq: 8 Jul 2019 15:54

Tgt Ion:146 Resp: 570057
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.3 76.9
 111 44.2 36.2 54.2





#15

Benzyl Alcohol

Concen: 42.129 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF115407.D

Acq: 8 Jul 2019 15:54

Instrument :

BNA_E

ClientSampleId :

PB121130BS

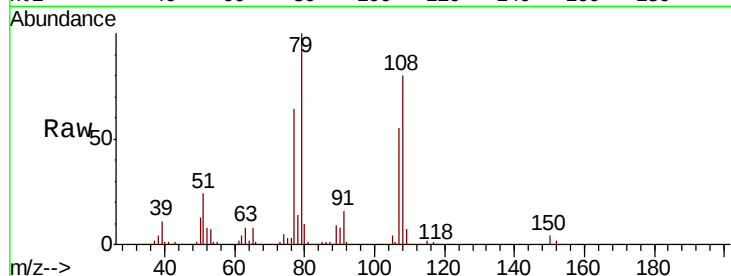
Tot Ion: 79 Resp: 514321

Ion Ratio Lower Upper

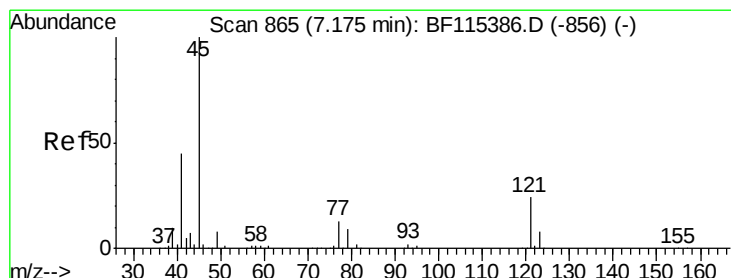
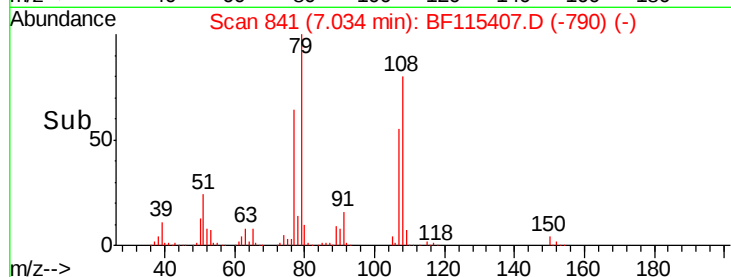
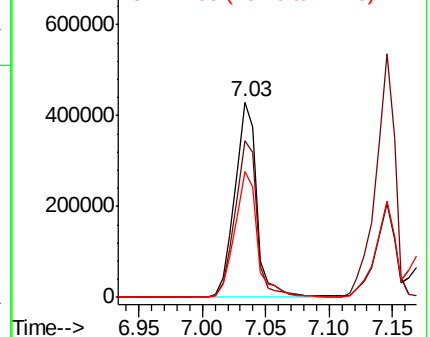
79 100

108 79.8 65.4 98.2

77 64.3 51.5 77.3



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.253 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF115407.D

Acq: 8 Jul 2019 15:54

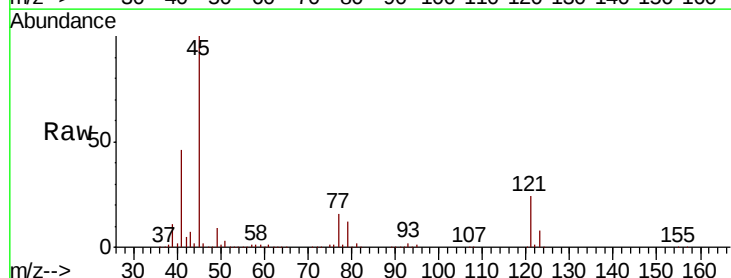
Tgt Ion: 45 Resp: 760045

Ion Ratio Lower Upper

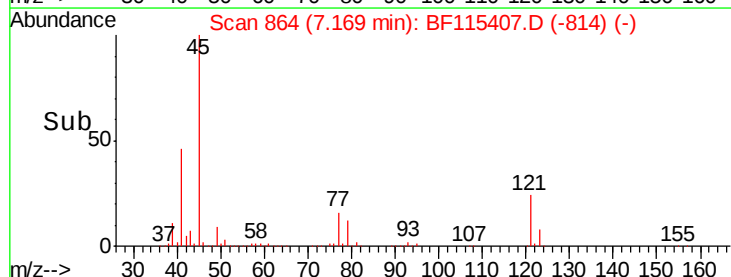
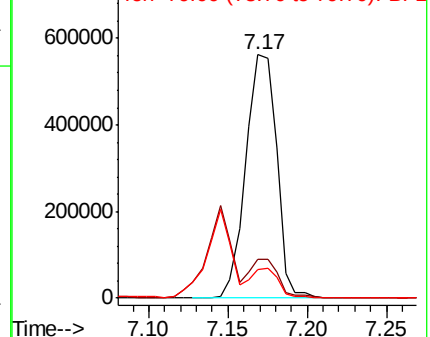
45 100

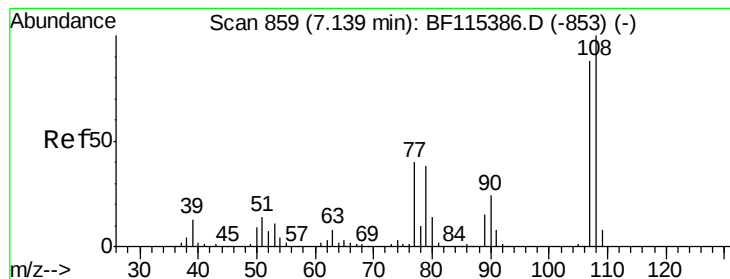
77 16.0 0.0 36.0

79 11.9 0.0 32.0



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 42.028 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.01 min

Lab File: BF115407.D

Acq: 8 Jul 2019 15:54

Instrument :

BNA_E

ClientSampleId :

PB121130BS

Tot Ion:107 Resp: 486355

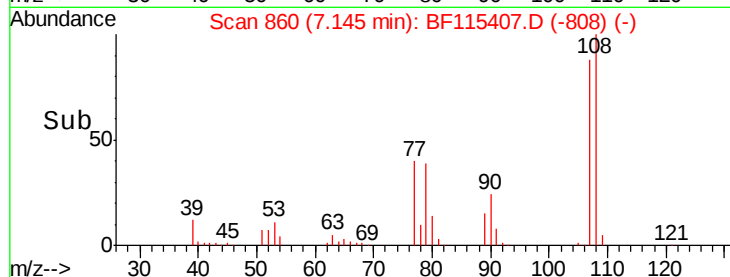
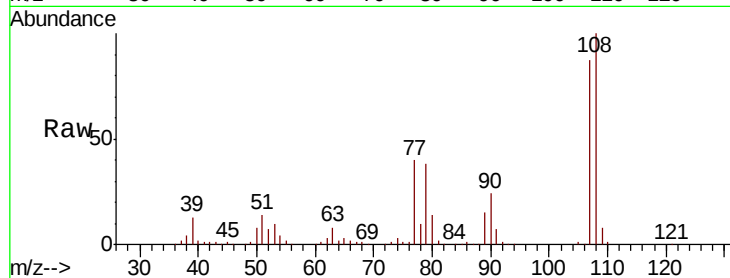
Ion Ratio Lower Upper

107 100

108 114.5 90.7 136.1

77 45.4 36.3 54.5

79 43.9 34.9 52.3

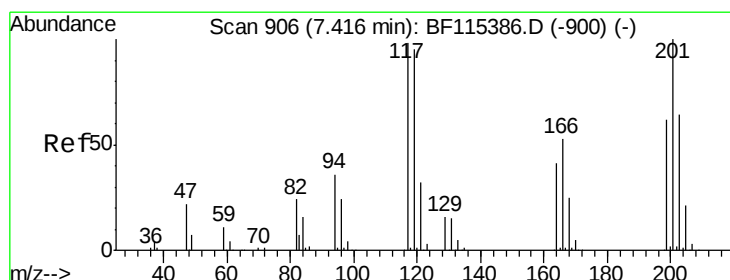
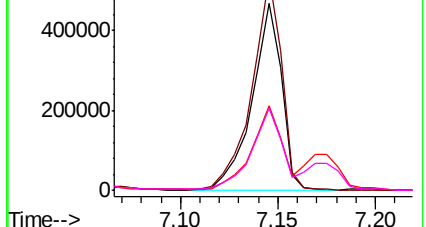


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 42.043 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF115407.D

Acq: 8 Jul 2019 15:54

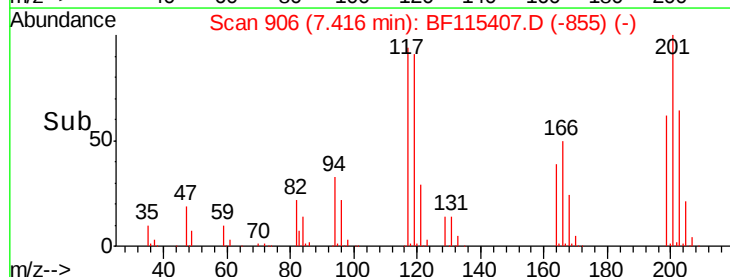
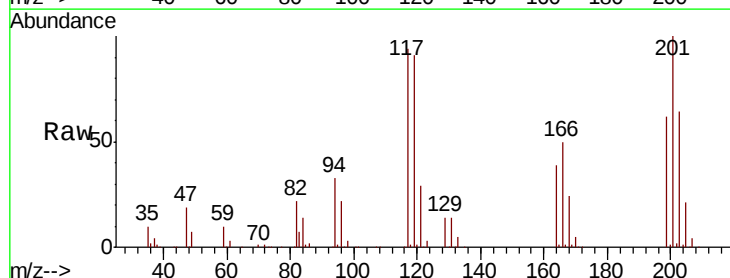
Tgt Ion:117 Resp: 232163

Ion Ratio Lower Upper

117 100

119 96.6 77.1 115.7

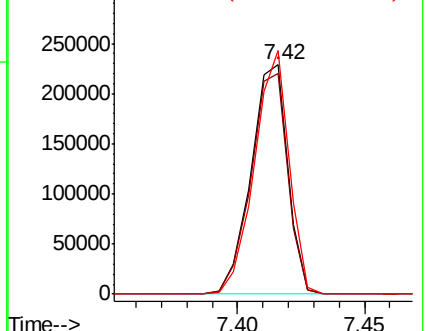
201 106.3 81.3 121.9

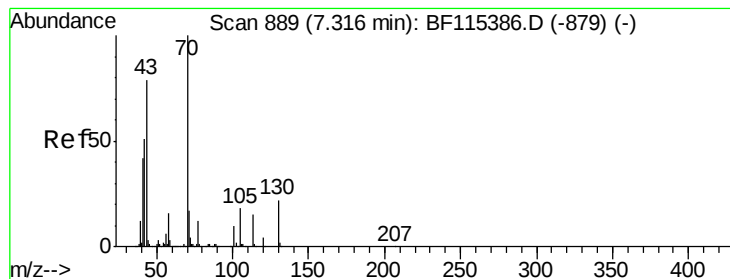


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.814 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF115407.D

Acq: 8 Jul 2019 15:54

Instrument :

BNA_E

ClientSampleId :

PB121130BS

Tot Ion: 70 Resp: 409796

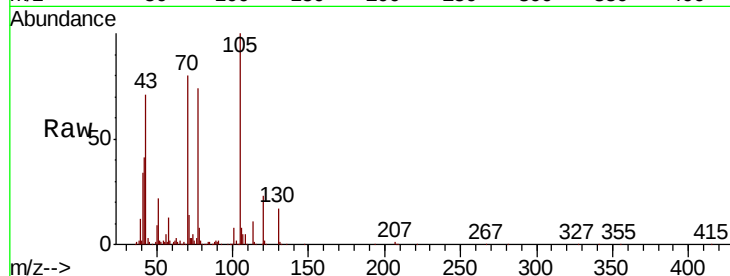
Ion Ratio Lower Upper

70 100

42 51.7 41.1 61.7

101 9.8 8.0 12.0

130 21.8 17.8 26.8

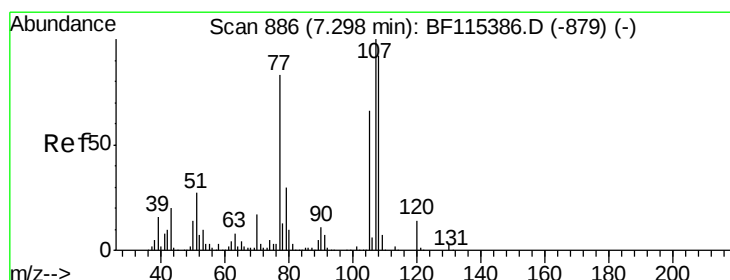
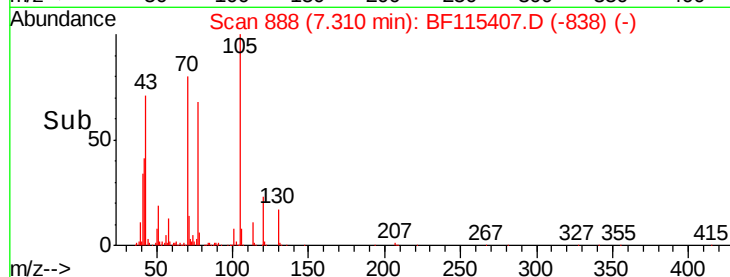
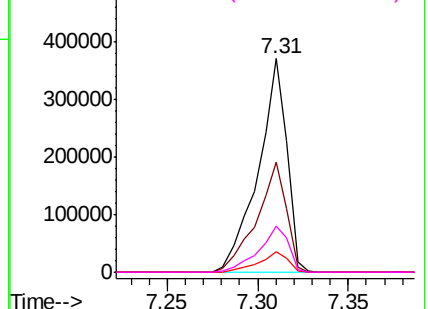


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 42.958 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF115407.D

Acq: 8 Jul 2019 15:54

Tgt Ion: 107 Resp: 587199

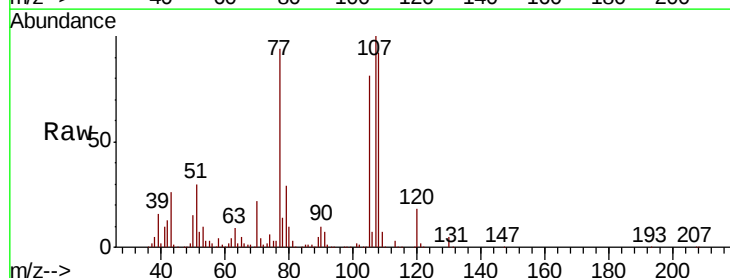
Ion Ratio Lower Upper

107 100

108 91.7 72.5 112.5

77 93.9 62.7 102.7

79 28.8 9.5 49.5

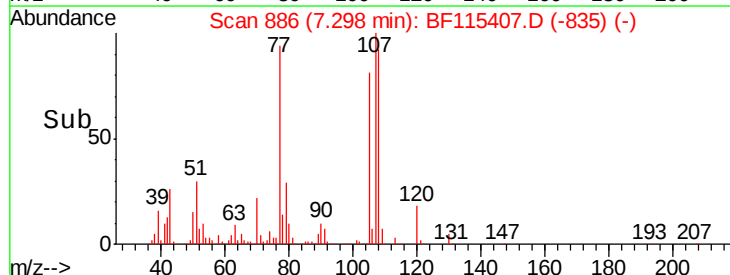
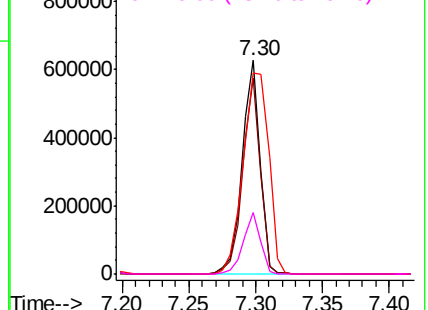


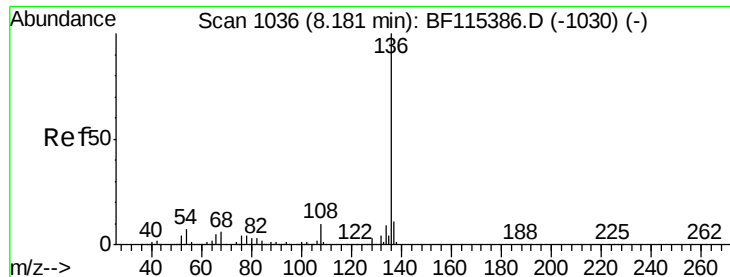
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

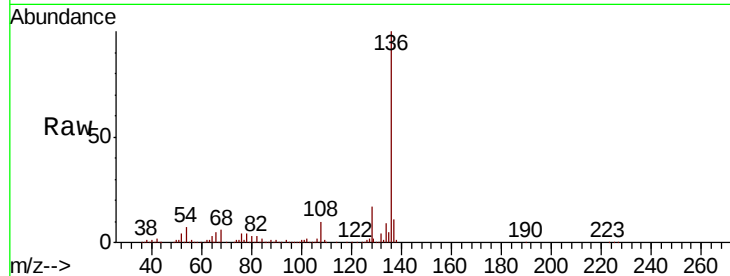




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Instrument :
BNA_E
ClientSampleId :
PB121130BS

Tot Ion:136	Resp: 725090
Ion Ratio	Lower Upper
136 100	
137 11.1	8.9 13.3
54 6.9	5.6 8.4
68 6.1	4.9 7.3



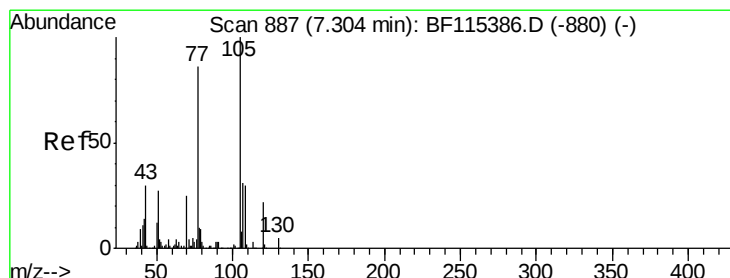
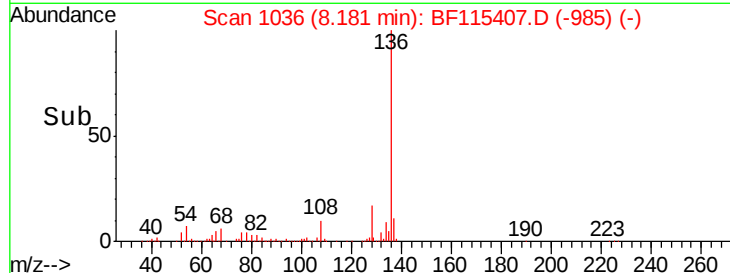
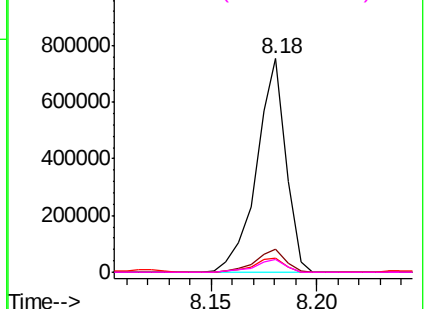
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

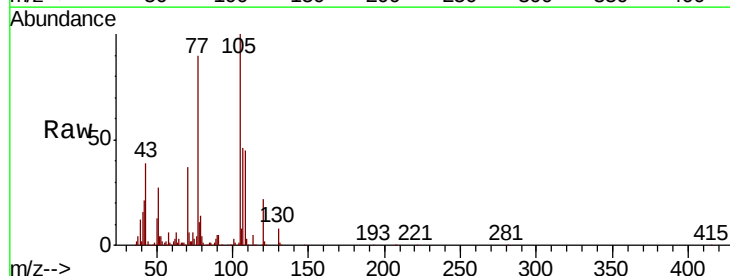
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 45.563 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Tgt	Ion:105	Resp:	791641
Ion	Ratio	Lower	Upper
105	100		
71	6.3	3.3	4.9#
51	27.4	21.5	32.3
120	22.5	17.8	26.6



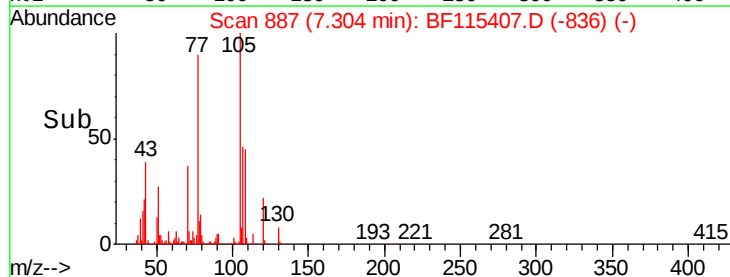
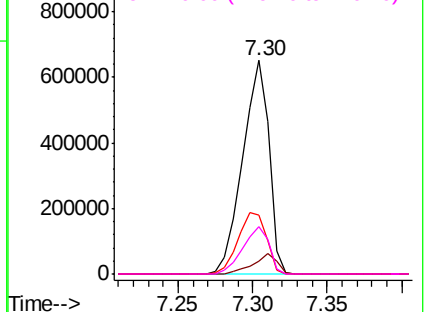
Abundance

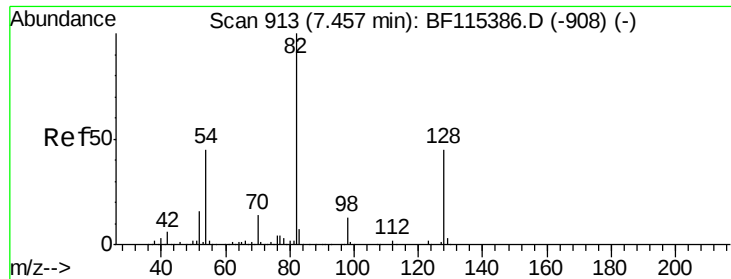
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



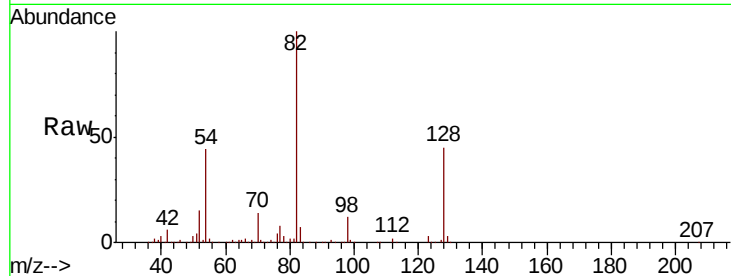


#23
 Nitrobenzene-d5
 Concen: 88.731 ng
 RT: 7.46 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: BF115407.D
 Acq: 8 Jul 2019 15:54

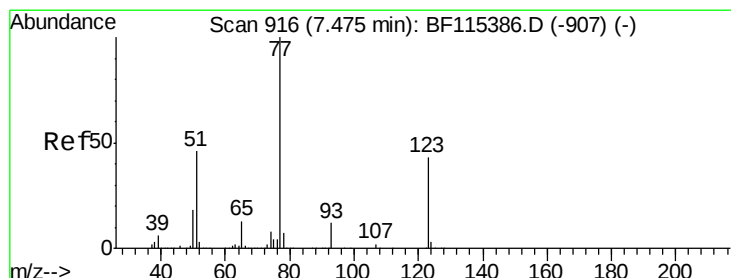
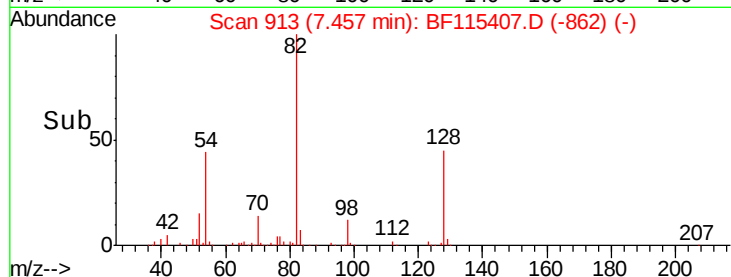
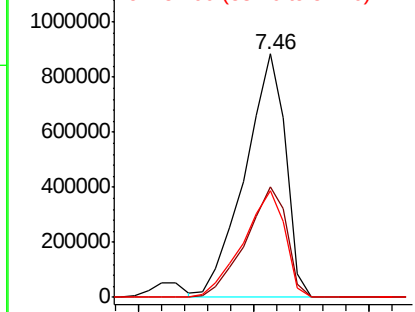
Instrument :
 BNA_E
 ClientSampleId :
 PB121130BS

Tot Ion: 82 Resp: 1088937

Ion	Ratio	Lower	Upper
82	100		
128	45.2	35.7	53.5
54	44.1	36.3	54.5



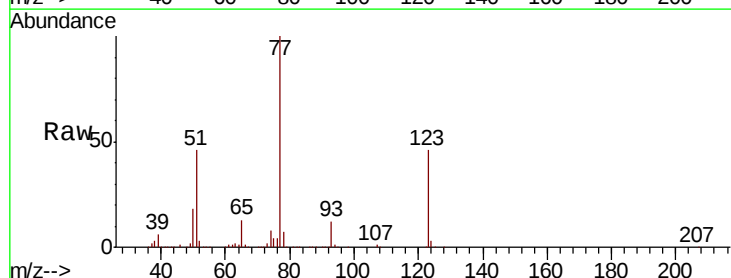
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



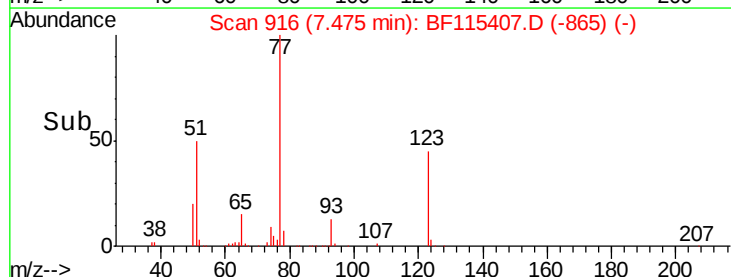
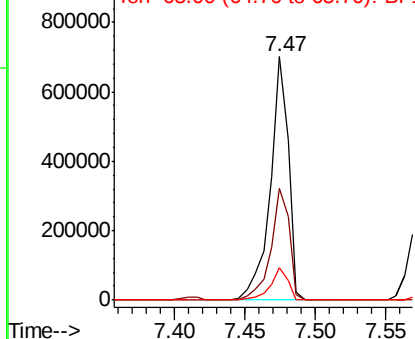
#24
 Nitrobenzene
 Concen: 45.838 ng
 RT: 7.47 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: BF115407.D
 Acq: 8 Jul 2019 15:54

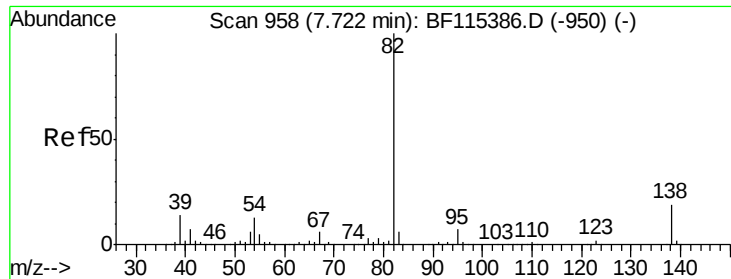
Tgt Ion: 77 Resp: 635300

Ion	Ratio	Lower	Upper
77	100		
123	45.7	35.0	52.6
65	13.5	10.8	16.2



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1

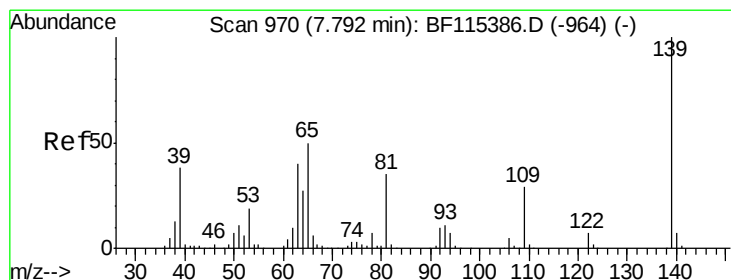
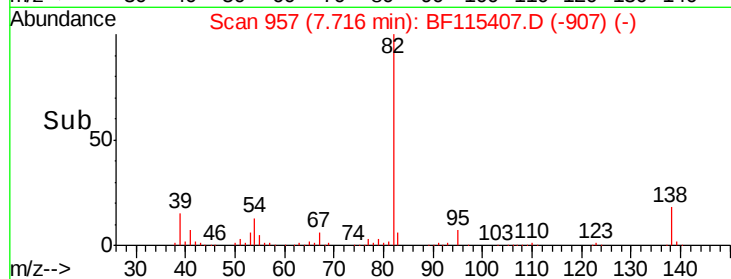
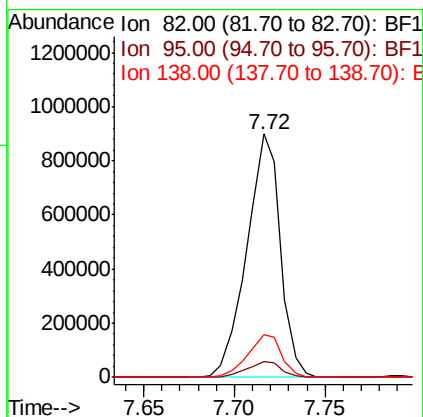
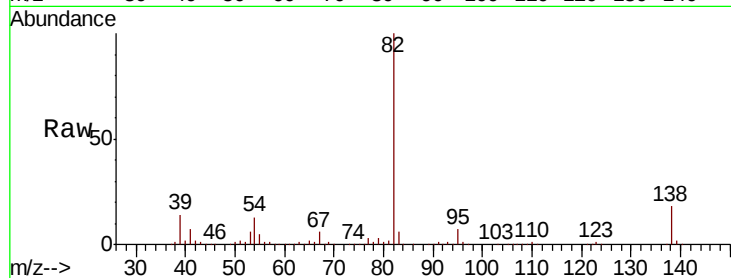




#25
Isophorone
Concen: 43.433 ng
RT: 7.72 min Scan# 957
Delta R.T. -0.01 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

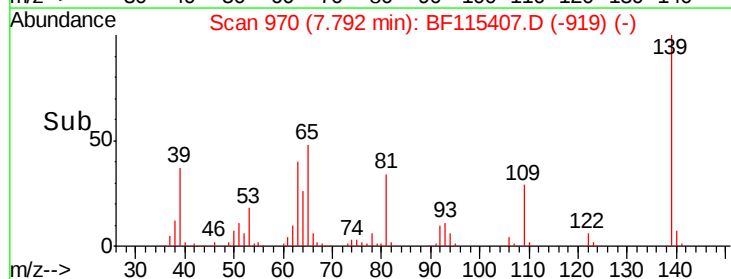
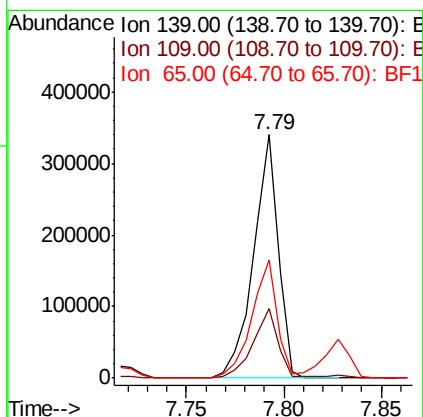
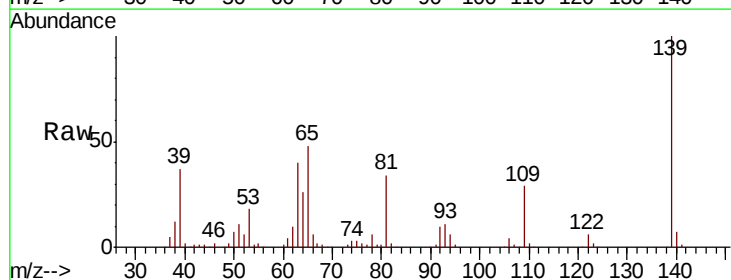
Instrument :
BNA_E
ClientSampleId :
PB121130BS

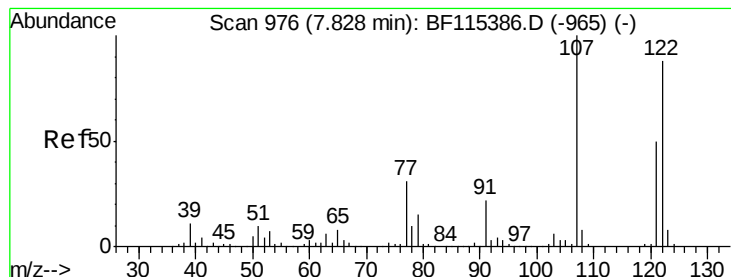
Tot Ion: 82 Resp: 1155335
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 17.7 14.9 22.3



#26
2-Nitrophenol
Concen: 52.672 ng
RT: 7.79 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Tgt Ion: 139 Resp: 300130
Ion Ratio Lower Upper
139 100
109 28.6 22.9 34.3
65 48.3 40.2 60.4





#27

2,4-Dimethylphenol

Concen: 51.164 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.00 min

Lab File: BF115407.D

Acq: 8 Jul 2019 15:54

Instrument :

BNA_E

ClientSampleId :

PB121130BS

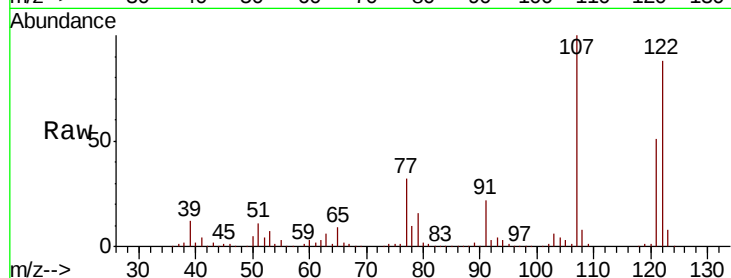
Tot Ion:122 Resp: 555916

Ion Ratio Lower Upper

122 100

107 114.0 91.0 136.6

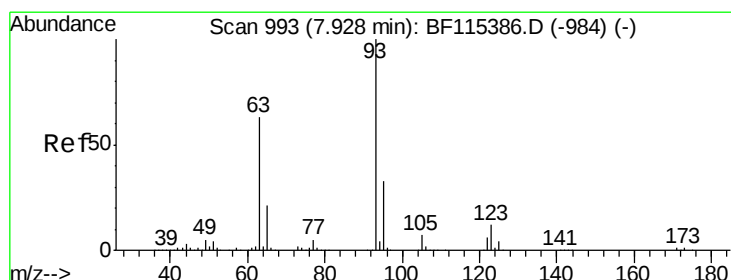
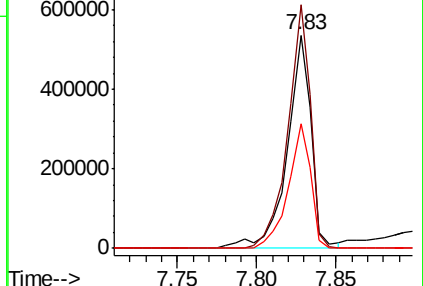
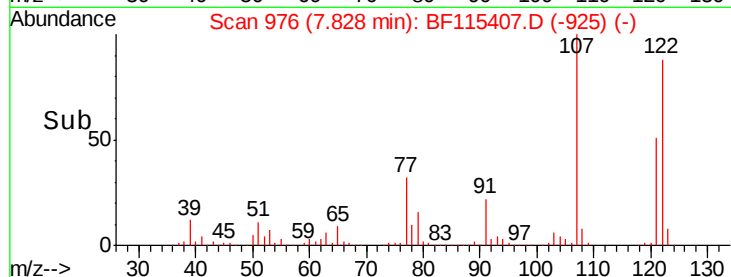
121 58.3 45.9 68.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.594 ng

RT: 7.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: BF115407.D

Acq: 8 Jul 2019 15:54

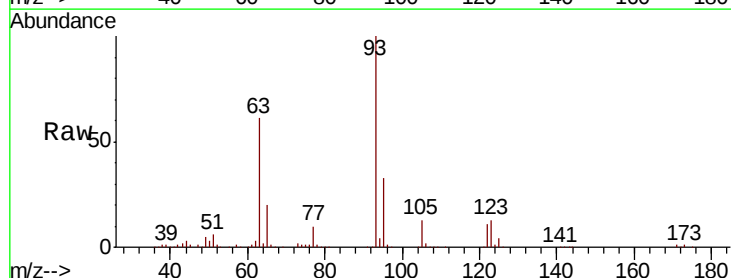
Tgt Ion: 93 Resp: 715080

Ion Ratio Lower Upper

93 100

95 33.5 26.6 39.8

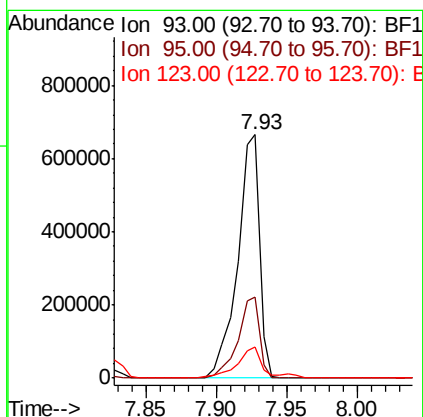
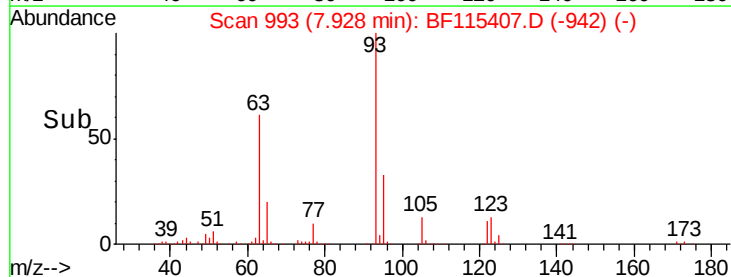
123 12.6 10.0 15.0

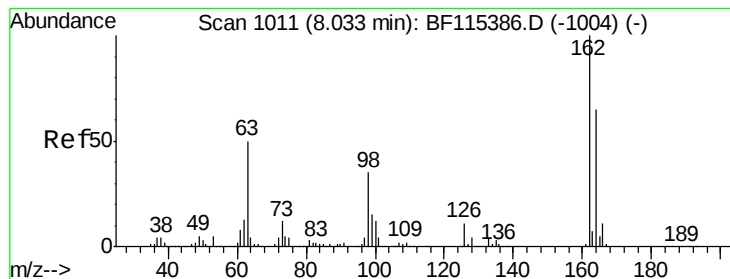


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 45.545 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF115407.D

Acq: 8 Jul 2019 15:54

Instrument :

BNA_E

ClientSampleId :

PB121130BS

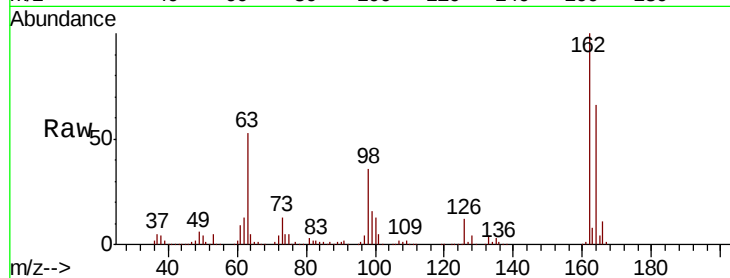
Tot Ion:162 Resp: 492883

Ion Ratio Lower Upper

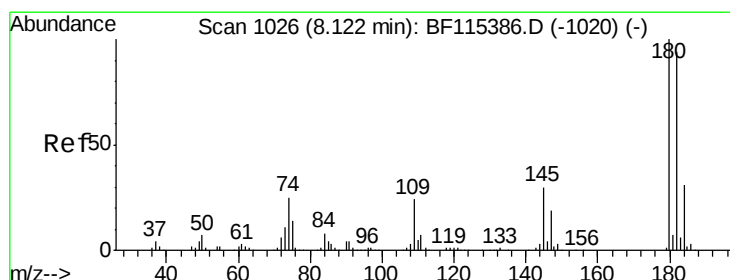
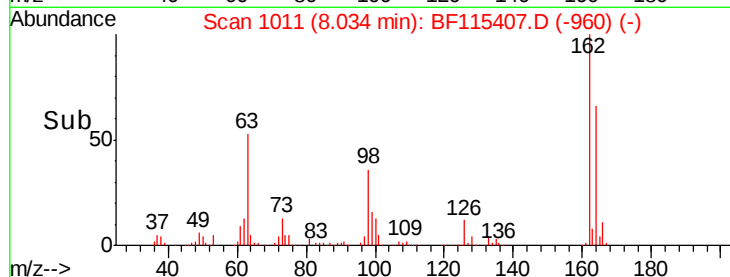
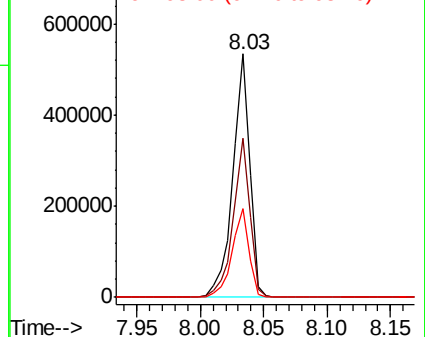
162 100

164 65.5 44.6 84.6

98 36.3 15.0 55.0



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 44.900 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF115407.D

Acq: 8 Jul 2019 15:54

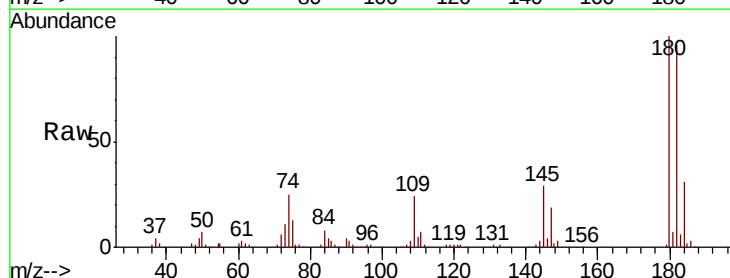
Tgt Ion:180 Resp: 540942

Ion Ratio Lower Upper

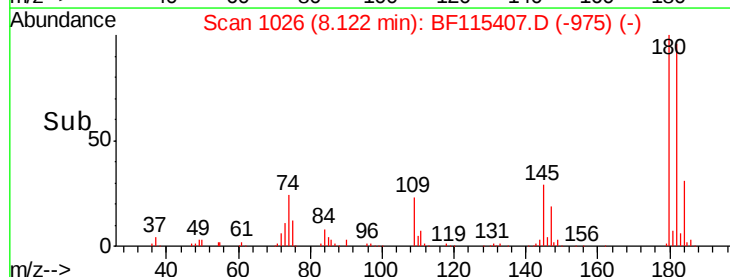
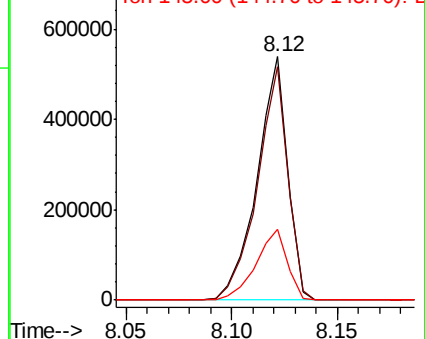
180 100

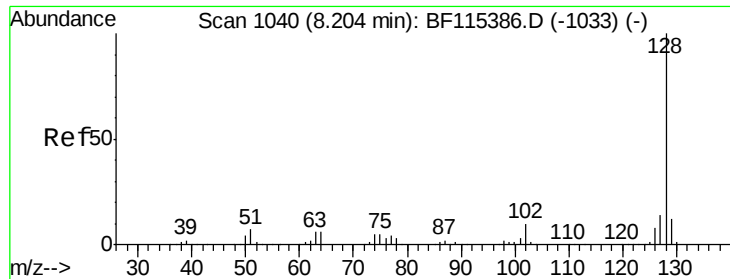
182 95.9 75.6 113.4

145 29.3 23.8 35.6



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

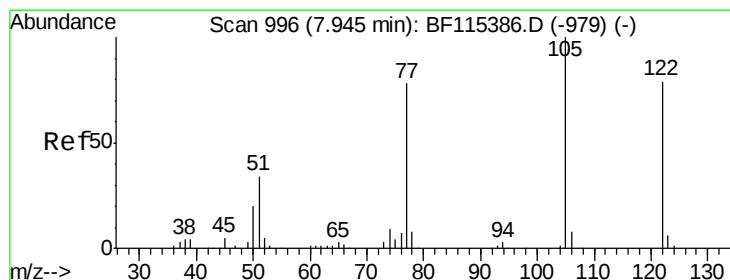
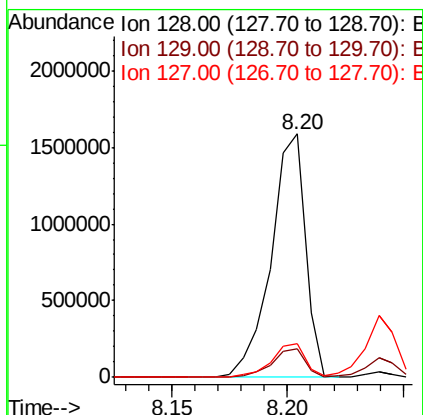
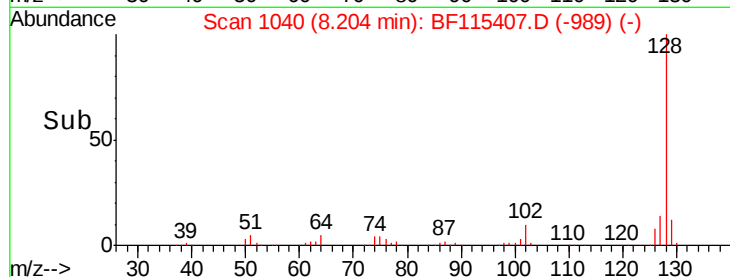
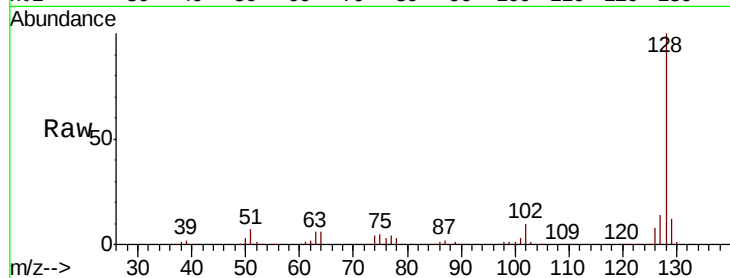




#31
Naphthalene
Concen: 45.636 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

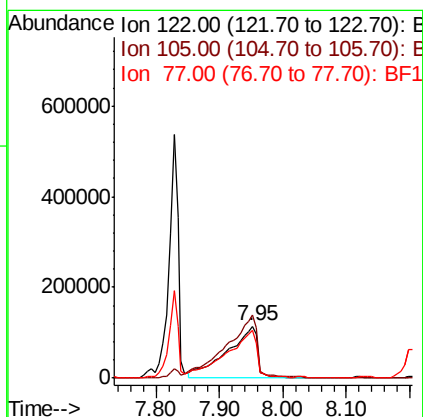
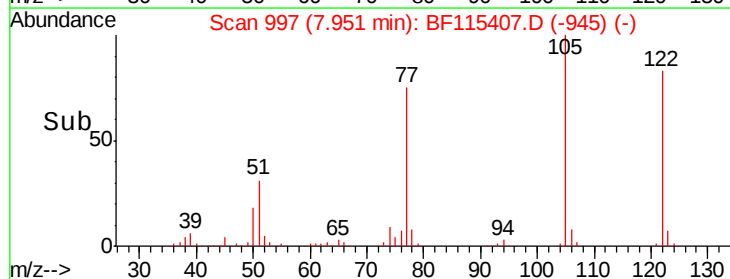
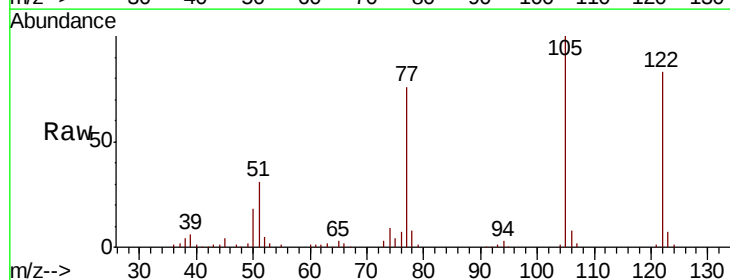
Instrument :
BNA_E
ClientSampleId :
PB121130BS

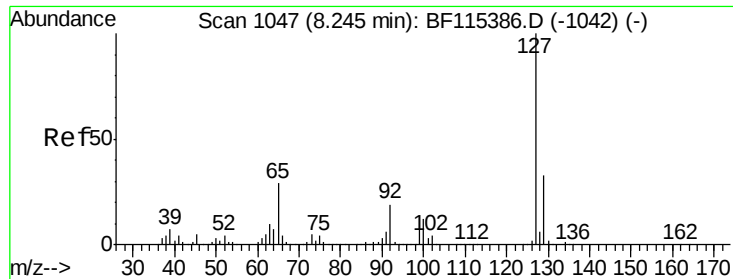
Tot Ion:128 Resp: 1643599
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.2
127 13.9 11.2 16.8



#32
Benzoic acid
Concen: 48.072 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.01 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Tgt Ion:122 Resp: 380590
Ion Ratio Lower Upper
122 100
105 121.1 105.1 145.1
77 91.5 77.8 117.8

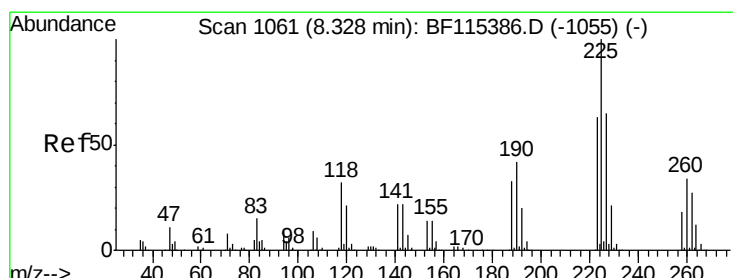
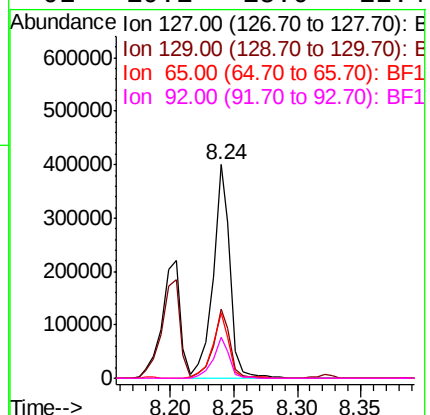
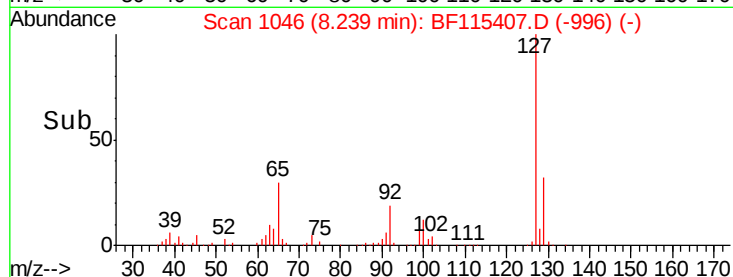
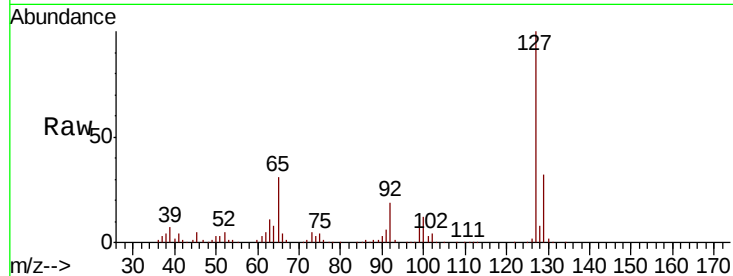




#33
4-Chloroaniline
Concen: 23.284 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

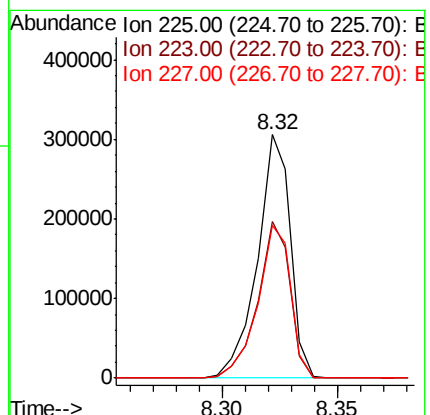
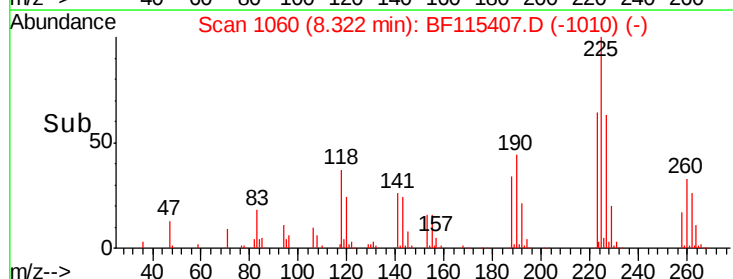
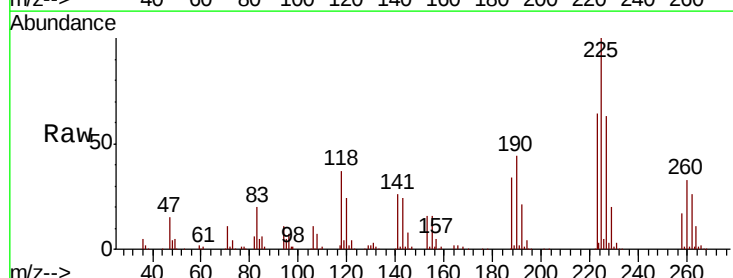
Instrument :
BNA_E
ClientSampleId :
PB121130BS

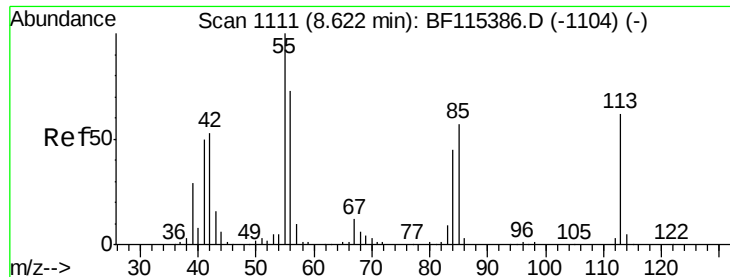
Tot Ion:	127	Resp:	374158
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.5	39.7
65	30.8	23.3	34.9
92	19.1	15.0	22.4



#34
Hexachlorobutadiene
Concen: 44.400 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Tgt Ion:	225	Resp:	303356
Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.7	76.1
227	62.9	52.1	78.1

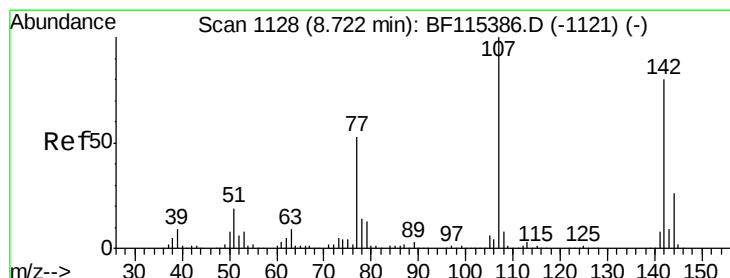
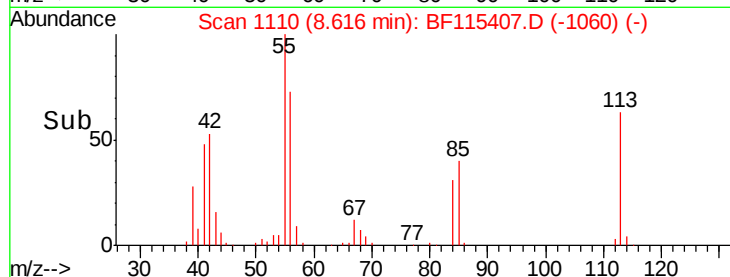
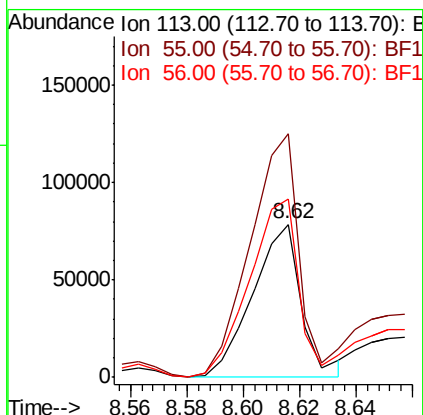
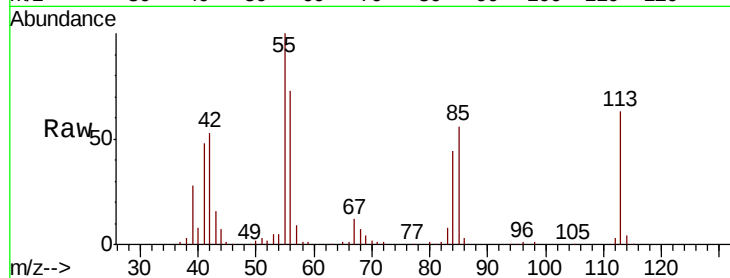




#35
Caprolactam
Concen: 26.683 ng
RT: 8.62 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

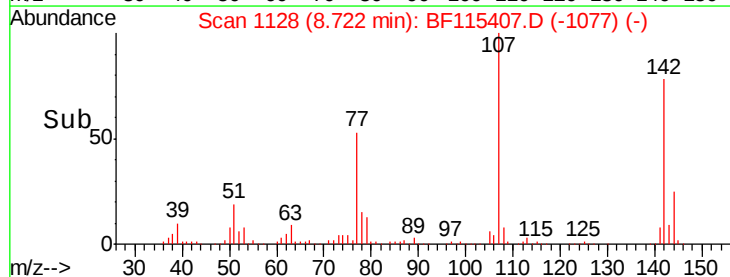
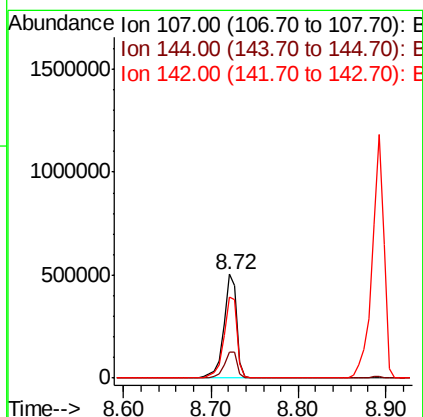
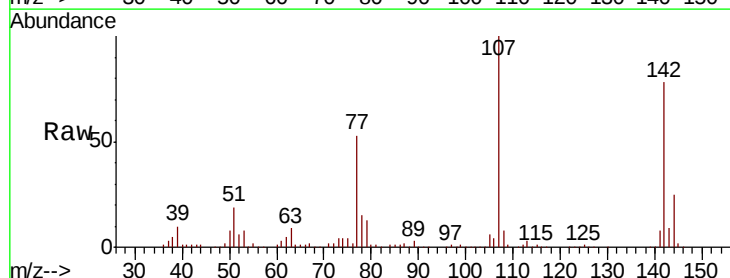
Instrument :
BNA_E
ClientSampleId :
PB121130BS

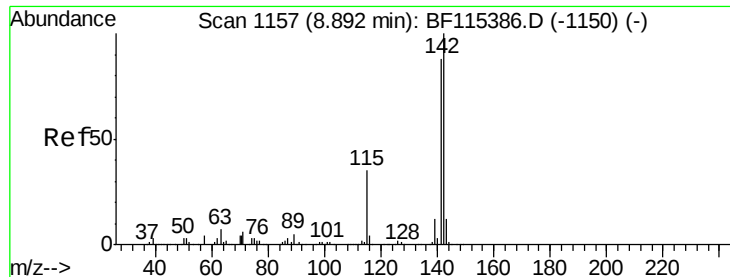
Tot Ion:113 Resp: 94050
Ion Ratio Lower Upper
113 100
55 159.1 141.9 181.9
56 116.4 98.7 138.7



#36
4-Chloro-3-methylphenol
Concen: 44.714 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Tgt Ion:107 Resp: 511834
Ion Ratio Lower Upper
107 100
144 25.3 20.8 31.2
142 78.4 64.0 96.0

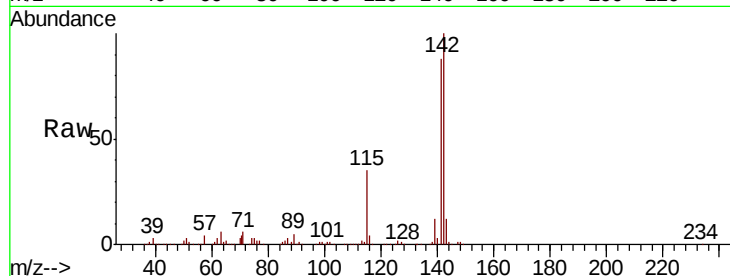




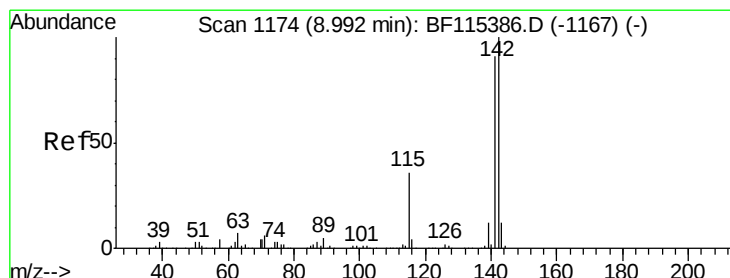
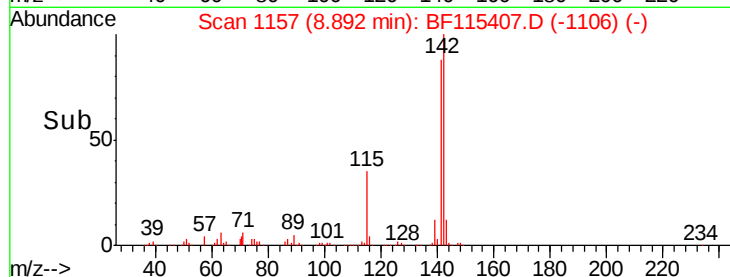
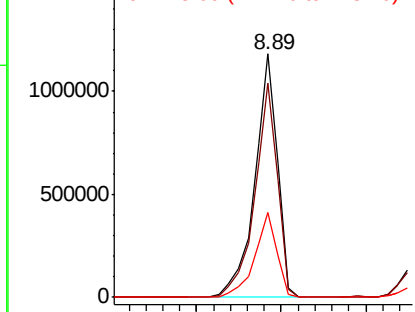
#37
2-Methylnaphthalene
Concen: 45.849 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Instrument :
BNA_E
ClientSampleId :
PB121130BS

Tot Ion:142 Resp: 1103714
Ion Ratio Lower Upper
142 100
141 87.8 70.6 106.0
115 34.7 27.8 41.8

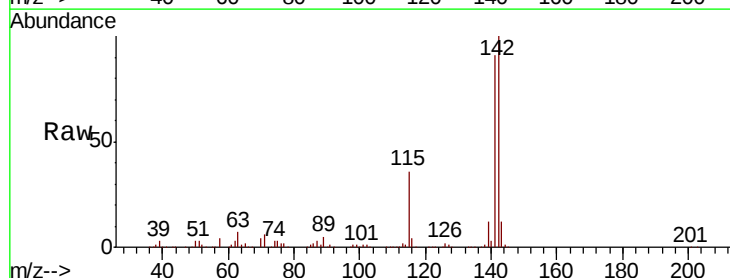


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

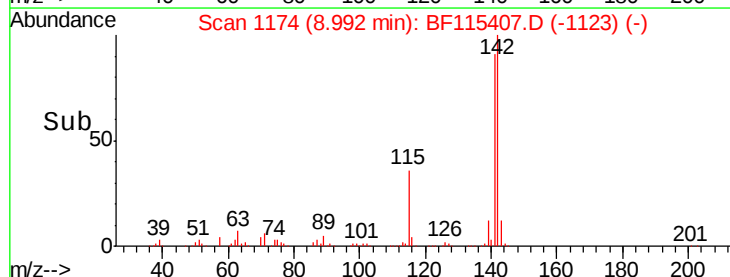
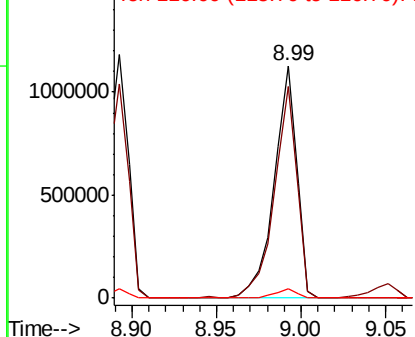


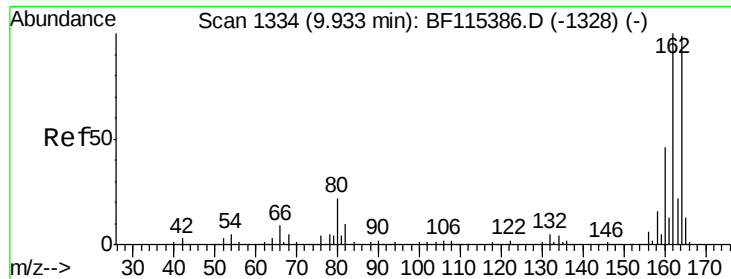
#38
1-Methylnaphthalene
Concen: 45.317 ng
RT: 8.99 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Tgt Ion:142 Resp: 1040857
Ion Ratio Lower Upper
142 100
141 91.2 72.7 109.1
116 3.8 3.0 4.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

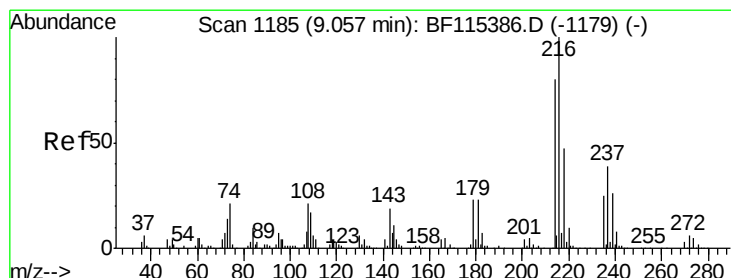
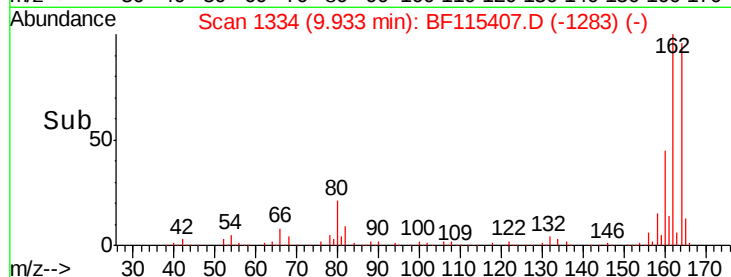
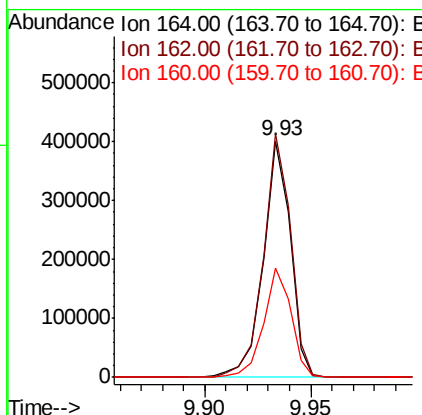
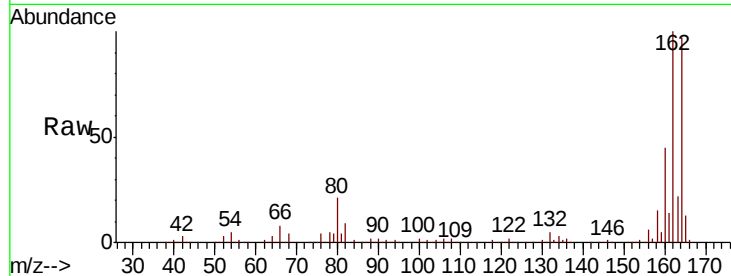




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

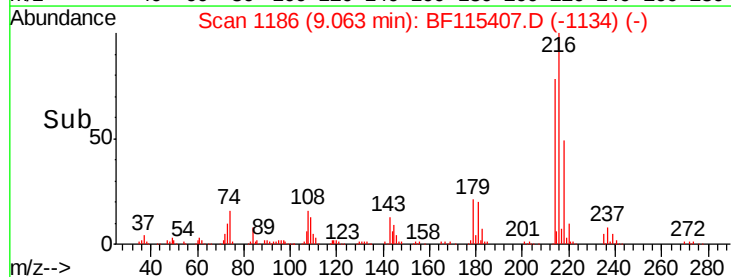
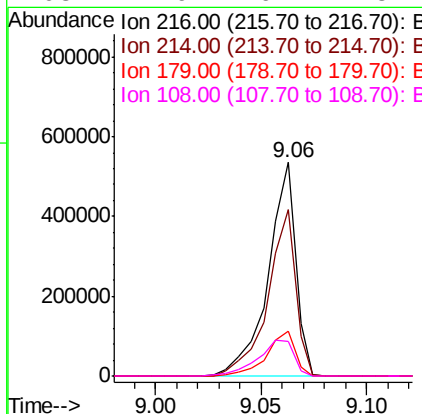
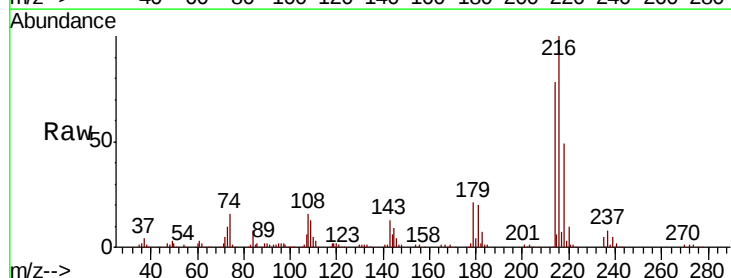
Instrument :
BNA_E
ClientSampled :
PB121130BS

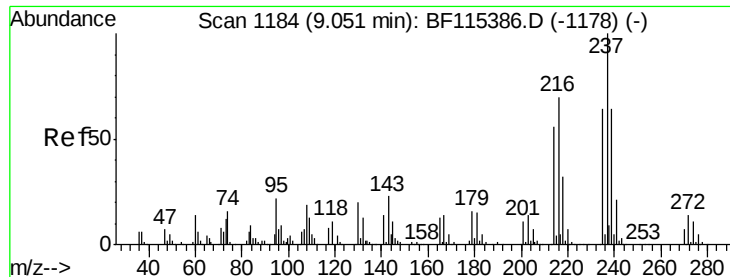
Tot Ion:164 Resp: 359947
Ion Ratio Lower Upper
164 100
162 102.9 80.6 121.0
160 46.4 37.0 55.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.125 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.01 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Tgt Ion:216 Resp: 487992
Ion Ratio Lower Upper
216 100
214 78.2 63.7 95.5
179 21.8 17.8 26.8
108 21.9 16.7 25.1





#41

Hexachlorocyclopentadiene

Concen: 94.416 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF115407.D

Acq: 8 Jul 2019 15:54

Instrument :

BNA_E

ClientSampleId :

PB121130BS

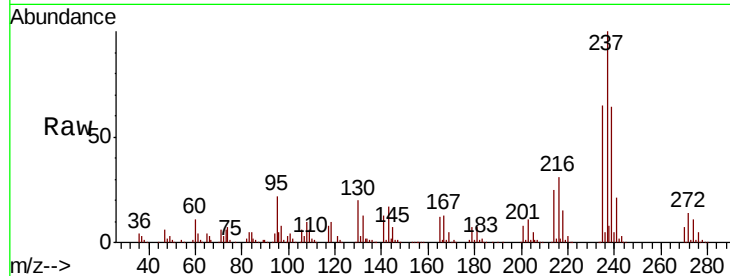
Tot Ion:237 Resp: 566664

Ion Ratio Lower Upper

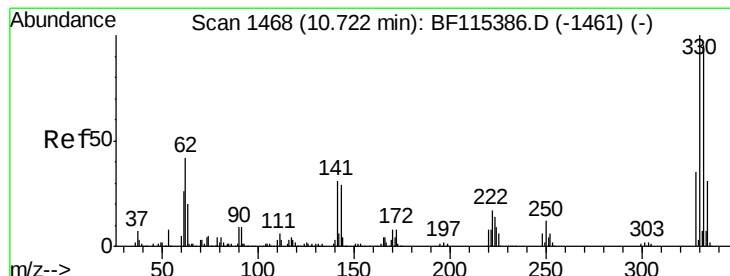
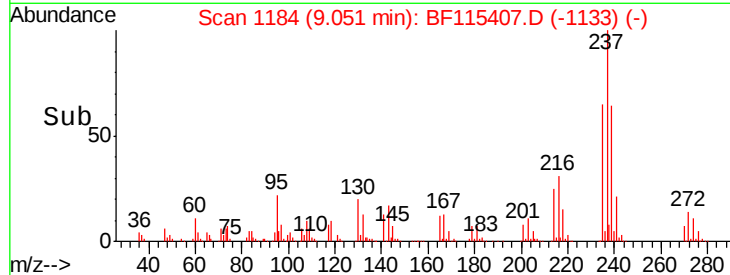
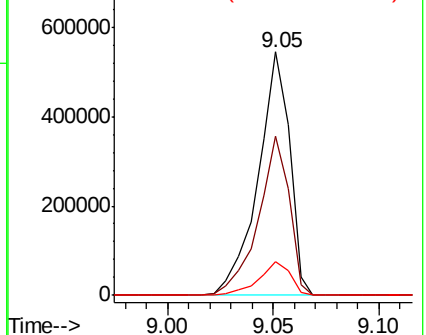
237 100

235 65.3 44.4 84.4

272 13.6 0.0 33.7



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 130.527 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BF115407.D

Acq: 8 Jul 2019 15:54

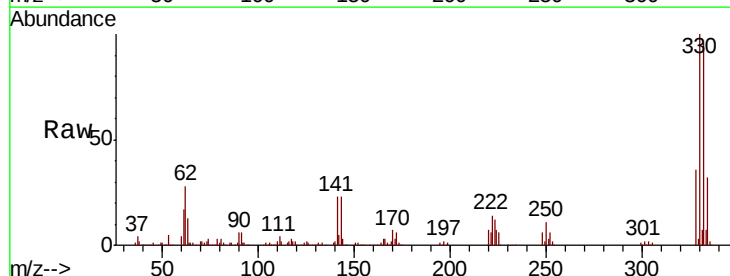
Tgt Ion:330 Resp: 519472

Ion Ratio Lower Upper

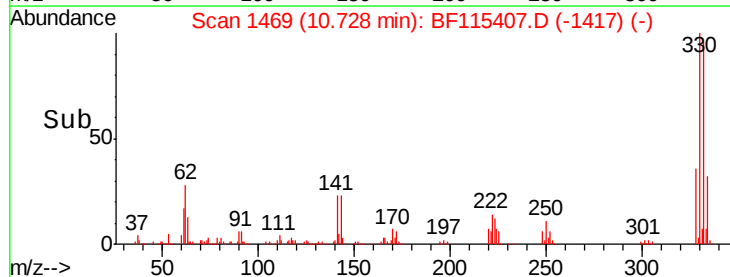
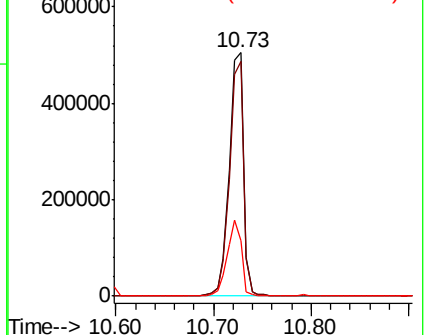
330 100

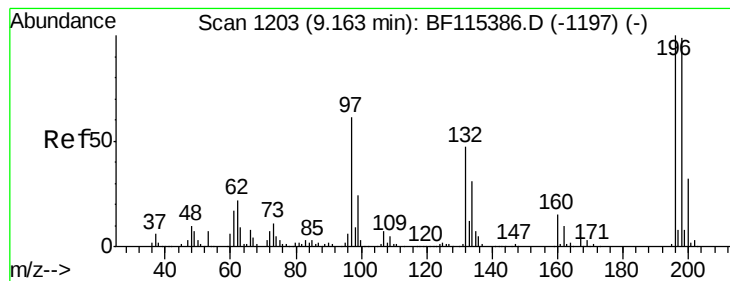
332 94.7 76.3 114.5

141 31.1 27.0 40.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 46.541 ng

RT: 9.17 min Scan# 1204

Delta R.T. 0.01 min

Lab File: BF115407.D

Acq: 8 Jul 2019 15:54

Instrument :

BNA_E

ClientSampleID :

PB121130BS

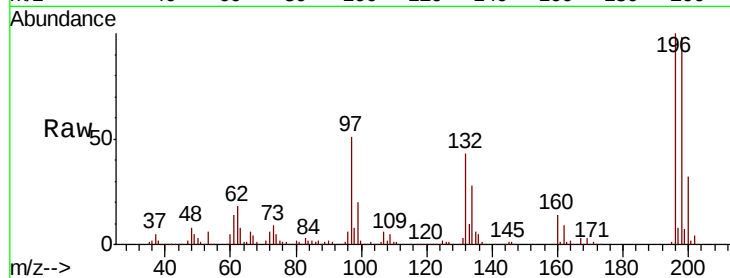
Tot Ion:196 Resp: 350867

Ion Ratio Lower Upper

196 100

198 97.8 79.5 119.3

200 31.9 25.8 38.8

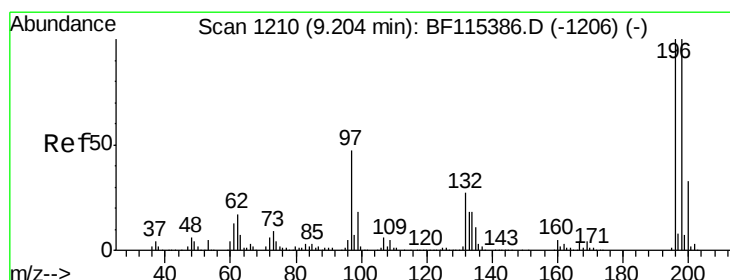
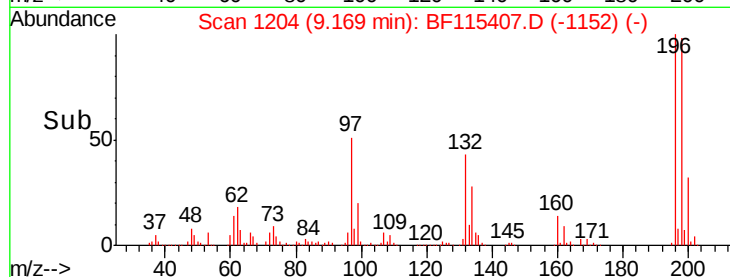
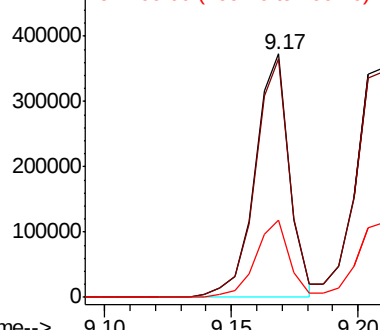


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 45.506 ng

RT: 9.21 min Scan# 1211

Delta R.T. 0.01 min

Lab File: BF115407.D

Acq: 8 Jul 2019 15:54

Tgt Ion:196 Resp: 355727

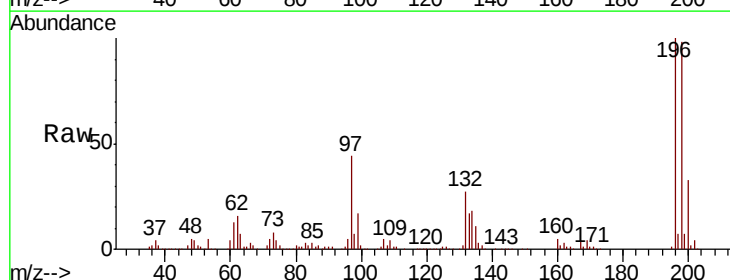
Ion Ratio Lower Upper

196 100

198 98.2 80.3 120.5

97 44.3 38.3 57.5

132 27.1 22.2 33.2



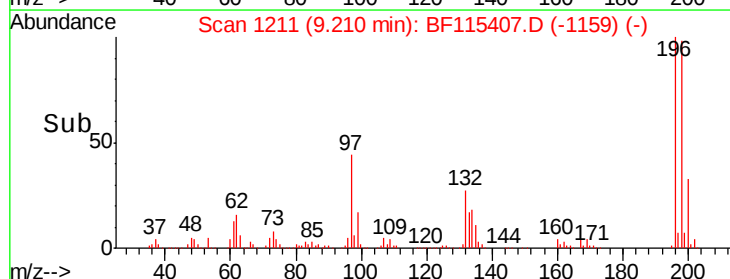
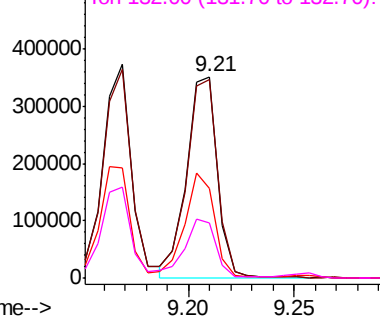
Abundance

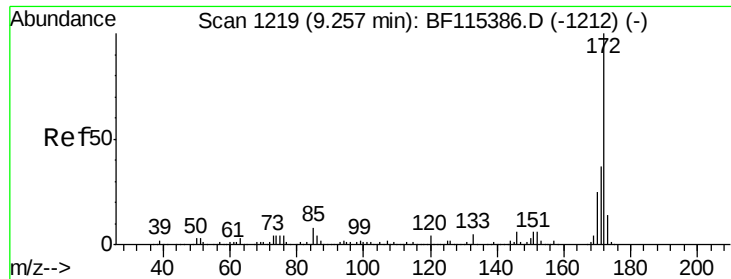
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



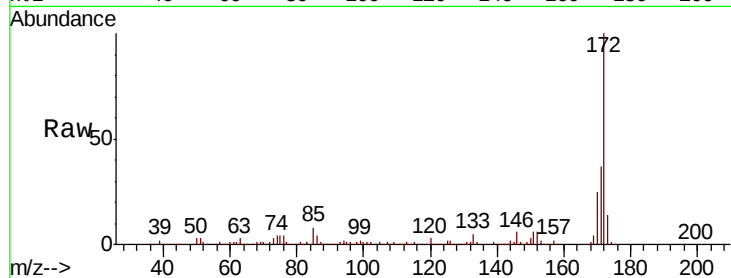


#45
 2-Fluorobiphenyl
 Concen: 94.324 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BF115407.D
 Acq: 8 Jul 2019 15:54

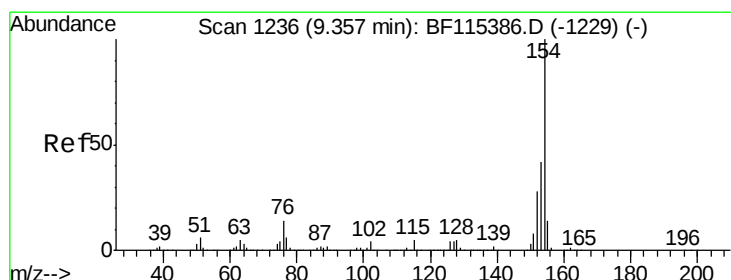
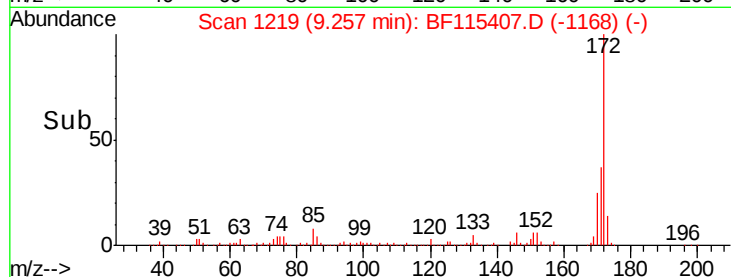
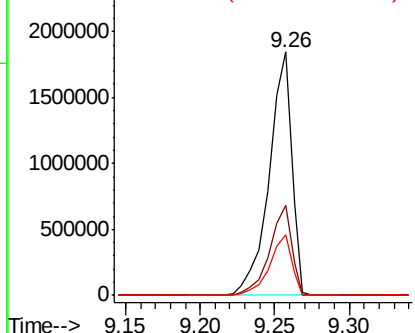
Instrument :
 BNA_E
 ClientSampleId :
 PB121130BS

Tot Ion:172 Resp: 1934850

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.8	44.8
170	25.1	20.2	30.4



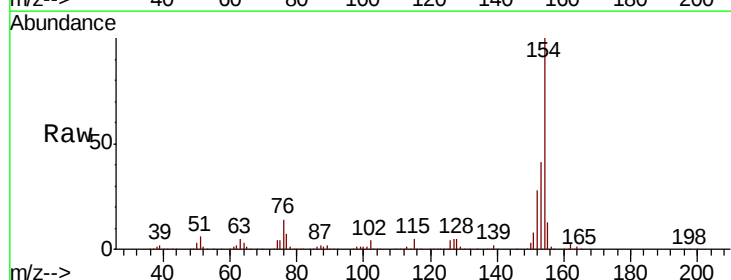
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



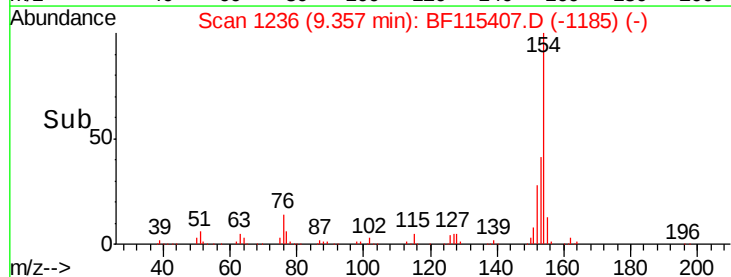
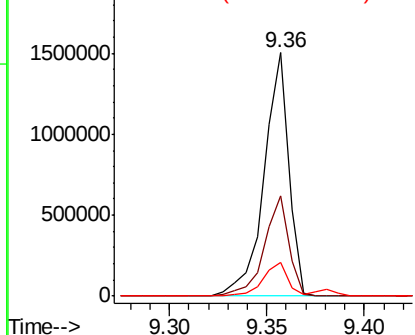
#46
 1,1'-Biphenyl
 Concen: 46.697 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: BF115407.D
 Acq: 8 Jul 2019 15:54

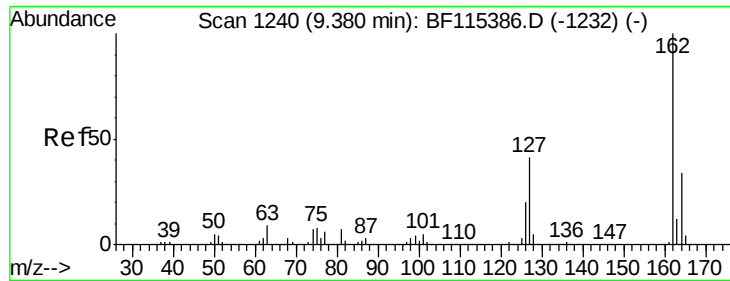
Tgt Ion:154 Resp: 1321398

Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.9	61.9
76	13.6	0.0	34.3



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

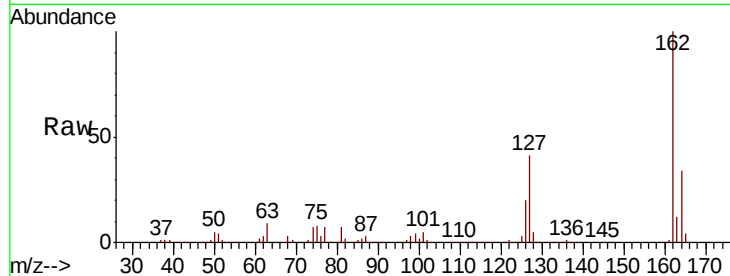




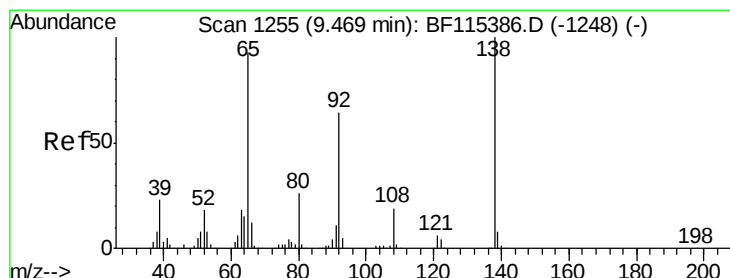
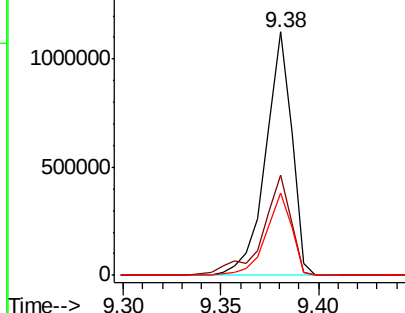
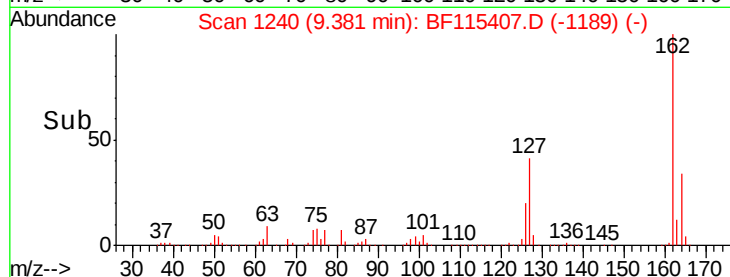
#47
2-Chloronaphthalene
Concen: 44.820 ng
RT: 9.38 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Instrument :
BNA_E
ClientSampleId :
PB121130BS

Tot Ion:162 Resp: 1048216
Ion Ratio Lower Upper
162 100
127 41.0 32.8 49.2
164 34.0 27.0 40.6

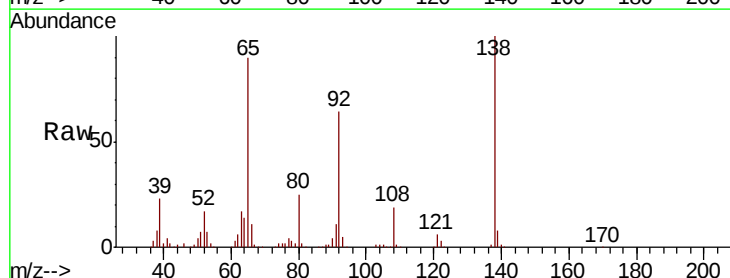


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

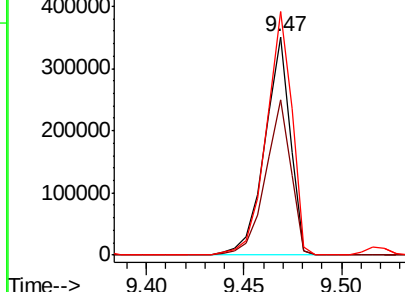
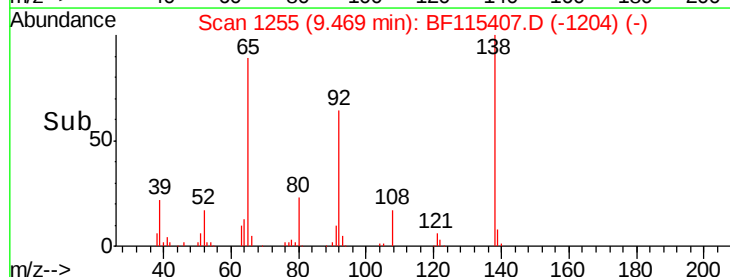


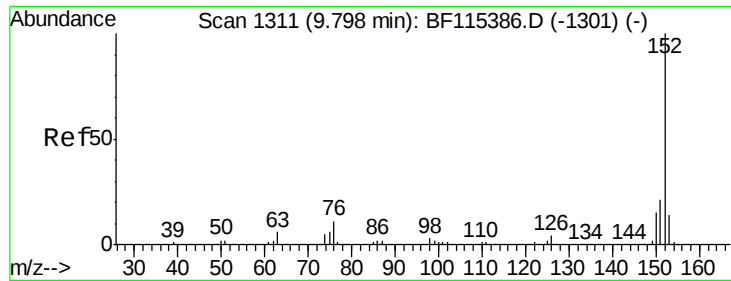
#48
2-Nitroaniline
Concen: 46.242 ng
RT: 9.47 min Scan# 1255
Delta R.T. 0.00 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Tgt Ion: 65 Resp: 317733
Ion Ratio Lower Upper
65 100
92 71.1 55.4 83.0
138 111.5 85.8 128.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.163 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF115407.D

Acq: 8 Jul 2019 15:54

Instrument :

BNA_E

ClientSampleId :

PB121130BS

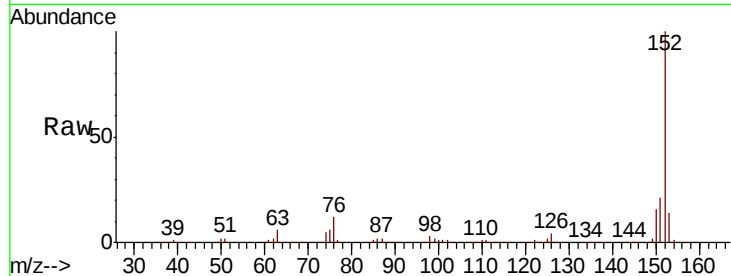
Tot Ion:152 Resp: 1599175

Ion Ratio Lower Upper

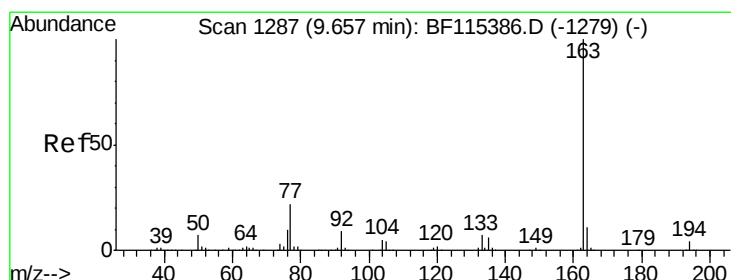
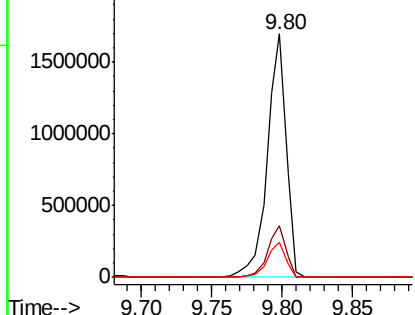
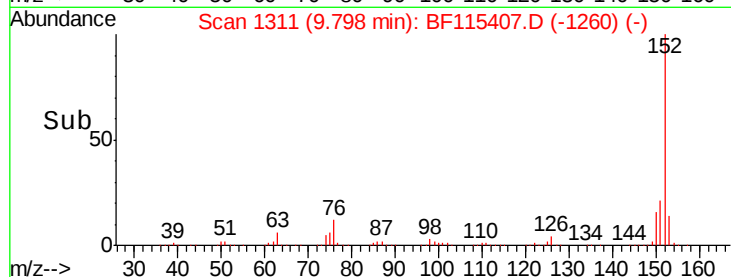
152 100

151 21.3 17.0 25.4

153 14.4 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.888 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BF115407.D

Acq: 8 Jul 2019 15:54

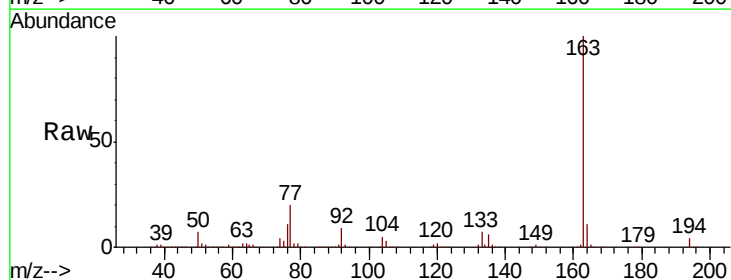
Tgt Ion:163 Resp: 1185699

Ion Ratio Lower Upper

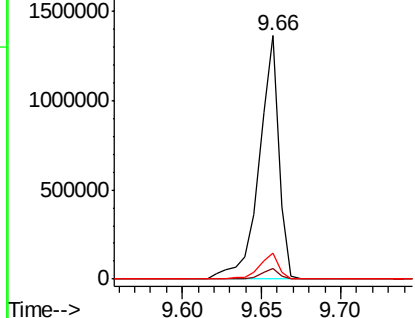
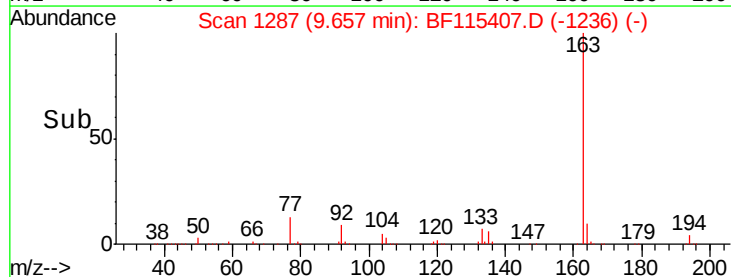
163 100

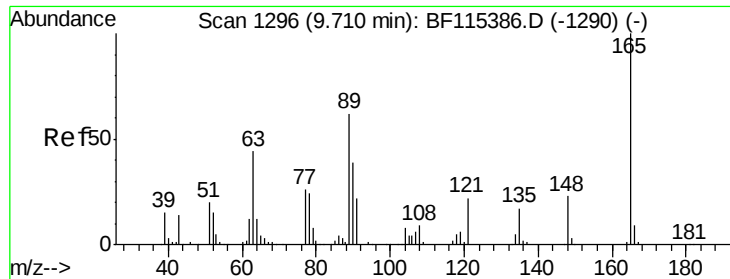
194 4.1 3.2 4.8

164 10.6 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 46.460 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BF115407.D

Acq: 8 Jul 2019 15:54

Instrument :

BNA_E

ClientSampleId :

PB121130BS

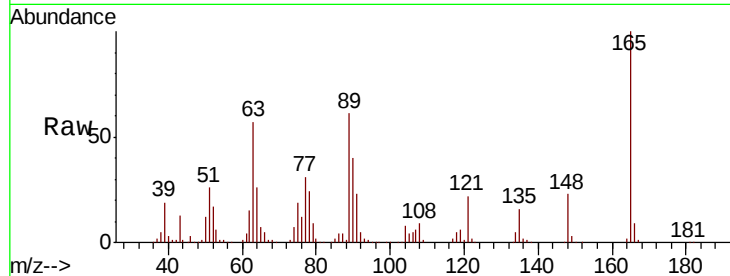
Tot Ion:165 Resp: 272224

Ion Ratio Lower Upper

165 100

63 57.4 45.8 68.6

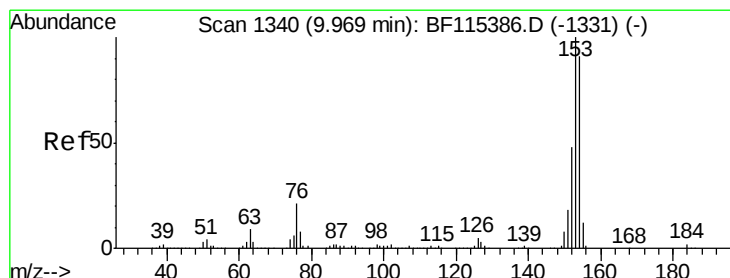
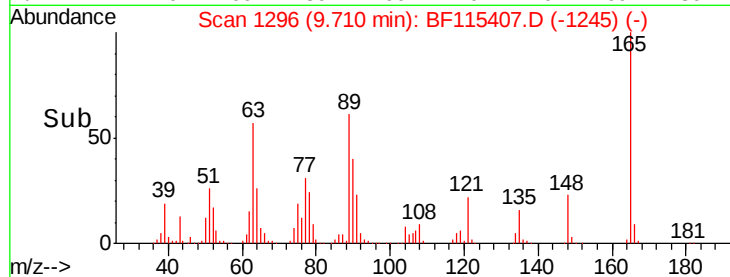
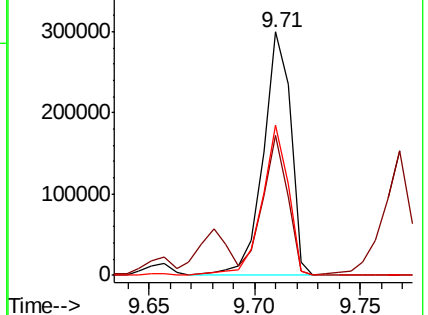
89 61.5 49.9 74.9



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 49.695 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BF115407.D

Acq: 8 Jul 2019 15:54

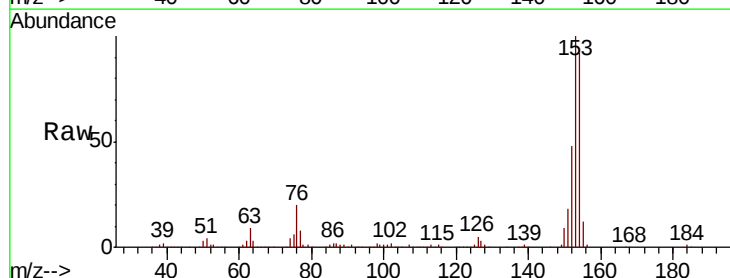
Tgt Ion:154 Resp: 1107435

Ion Ratio Lower Upper

154 100

153 109.1 87.9 131.9

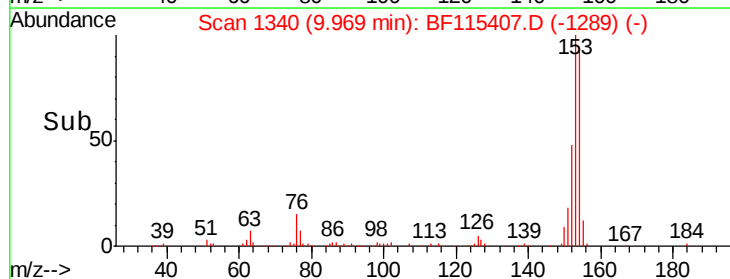
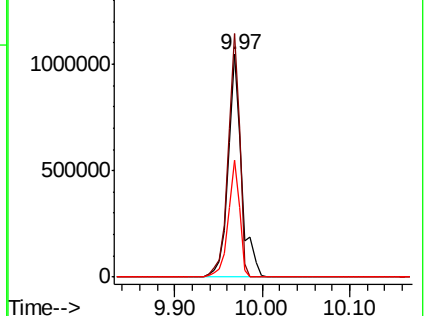
152 52.2 42.2 63.2

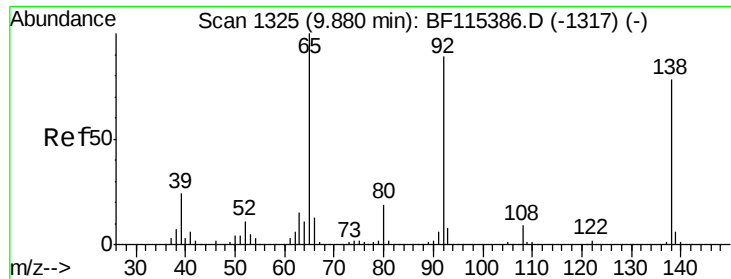


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

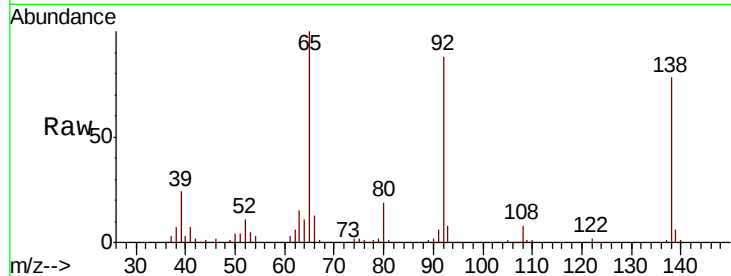




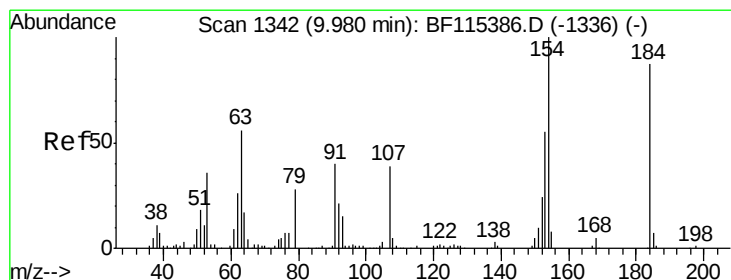
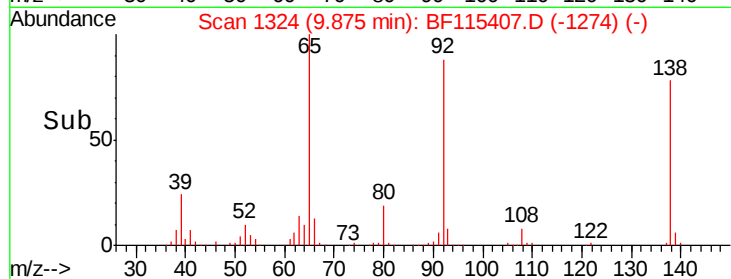
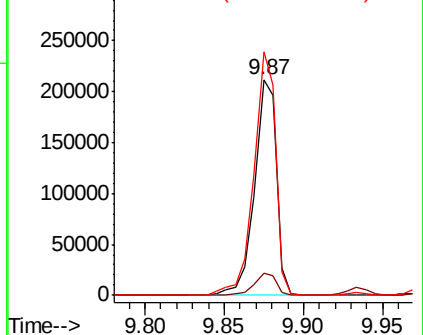
#53
3-Nitroaniline
Concen: 29.944 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Instrument :
BNA_E
ClientSampleId :
PB121130BS

Tot Ion:138 Resp: 203774
Ion Ratio Lower Upper
138 100
108 10.5 9.0 13.4
92 113.0 90.5 135.7

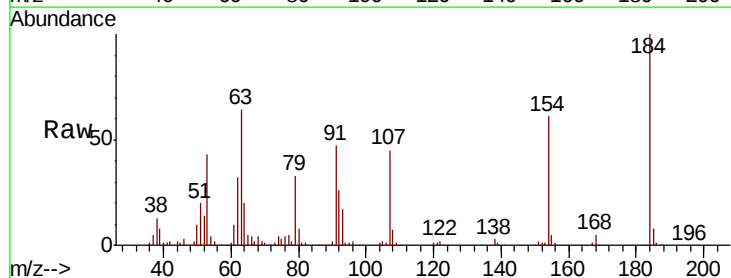


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

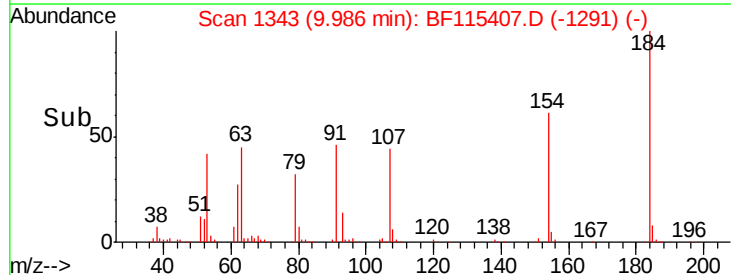
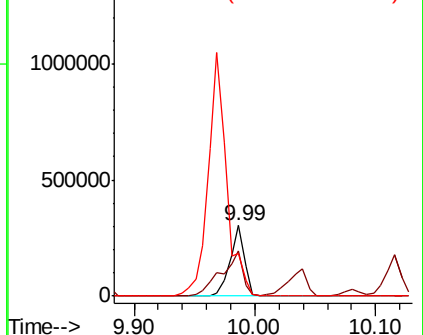


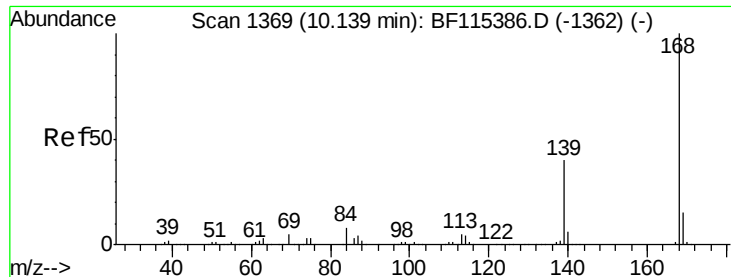
#54
2,4-Dinitrophenol
Concen: 97.331 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Tgt Ion:184 Resp: 252052
Ion Ratio Lower Upper
184 100
63 63.9 52.1 78.1
154 61.4 97.7 146.5#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

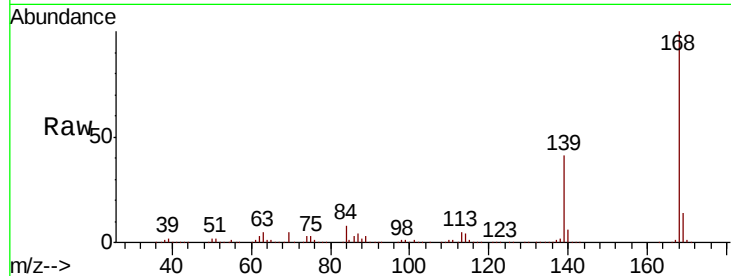




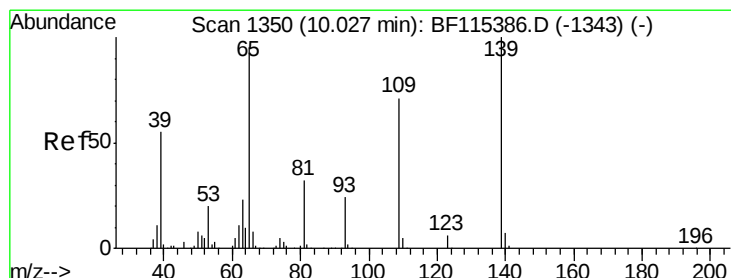
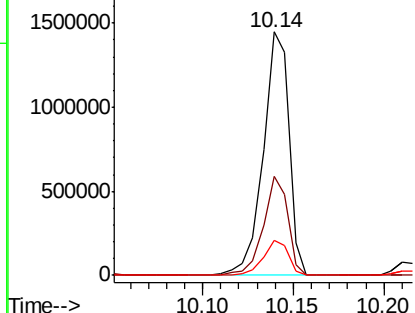
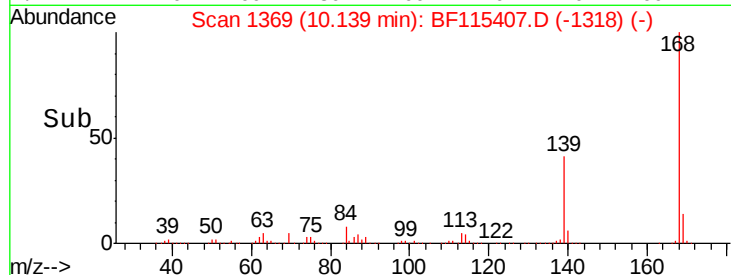
#55
Dibenzofuran
Concen: 45.751 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Instrument :
BNA_E
ClientSampleId :
PB121130BS

Tot Ion:168 Resp: 1436215
Ion Ratio Lower Upper
168 100
139 40.6 32.2 48.2
169 14.4 11.7 17.5

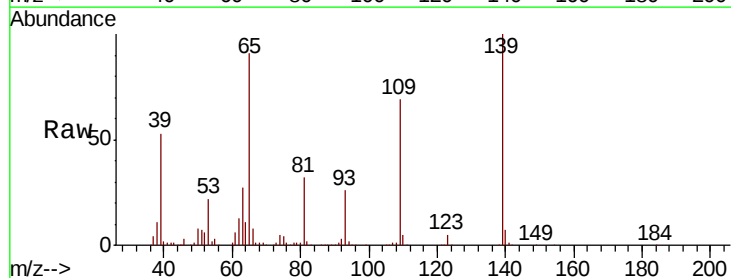


Abundance Ion 168.00 (167.70 to 168.70): E
2000000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

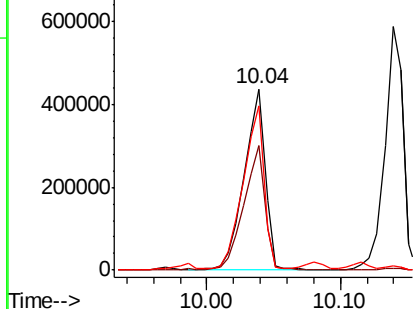
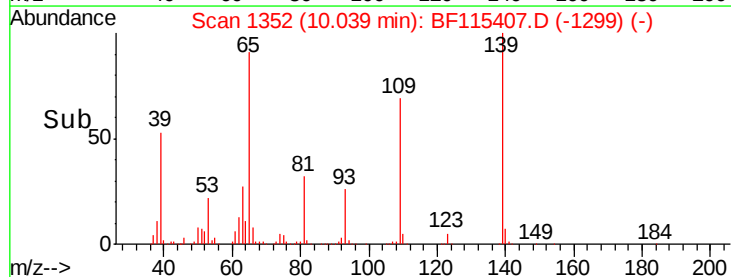


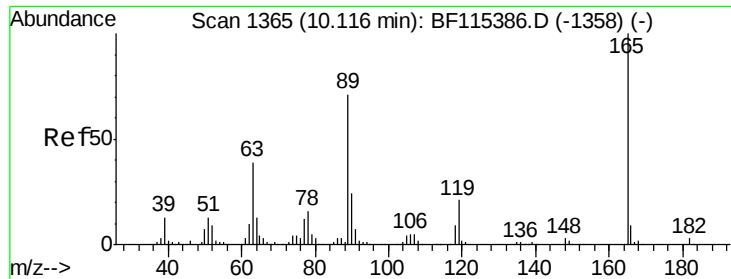
#56
4-Nitrophenol
Concen: 90.020 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Tgt Ion:139 Resp: 473964
Ion Ratio Lower Upper
139 100
109 68.6 51.1 91.1
65 90.7 75.2 115.2



Abundance Ion 139.00 (138.70 to 139.70): E
800000 Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

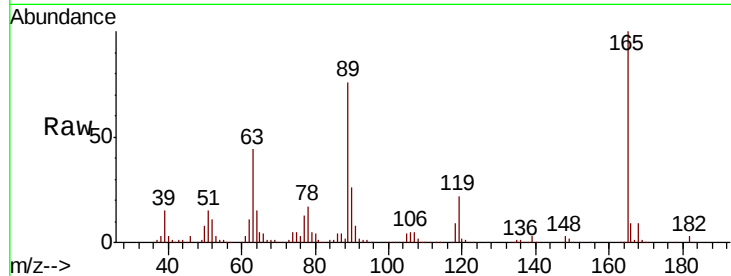




#57
 2,4-Dinitrotoluene
 Concen: 48.495 ng
 RT: 10.12 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: BF115407.D
 Acq: 8 Jul 2019 15:54

Instrument :
 BNA_E
 ClientSampleId :
 PB121130BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.8	31.4	47.0
89	75.6	57.1	85.7
182	2.7	2.2	3.2



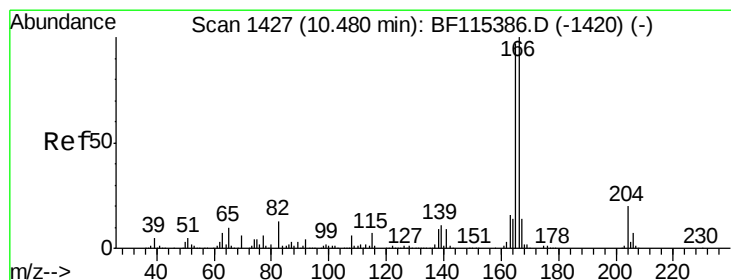
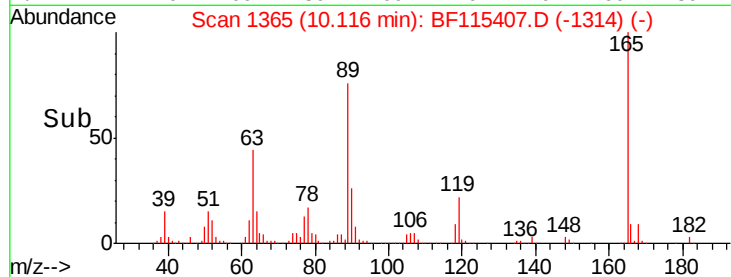
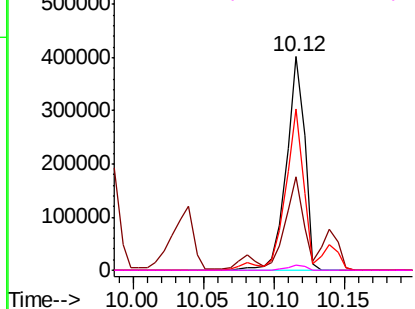
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

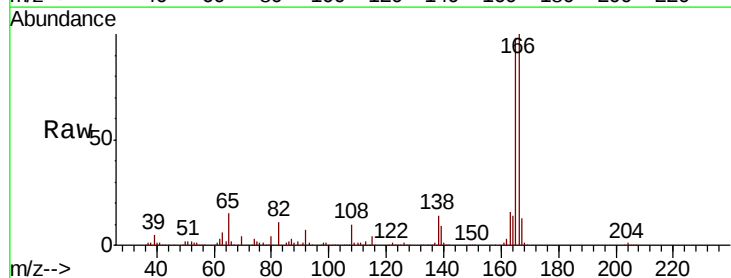
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 42.795 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.01 min
 Lab File: BF115407.D
 Acq: 8 Jul 2019 15:54

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	77.8	116.6
167	13.2	11.0	16.6

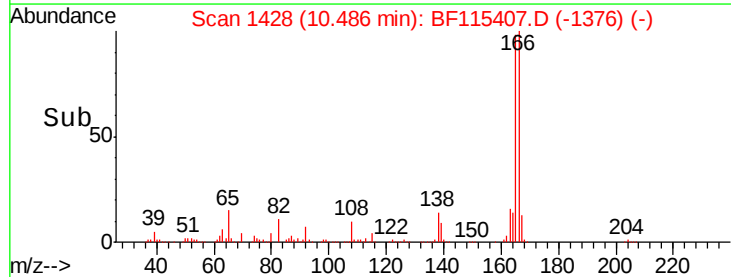
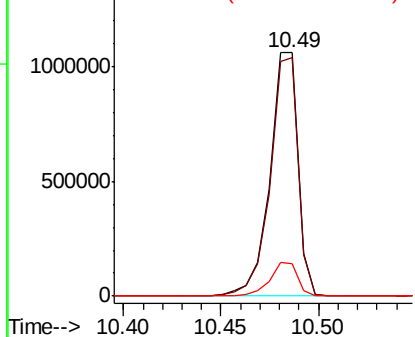


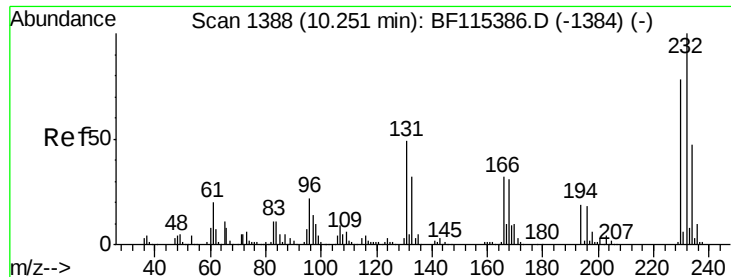
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

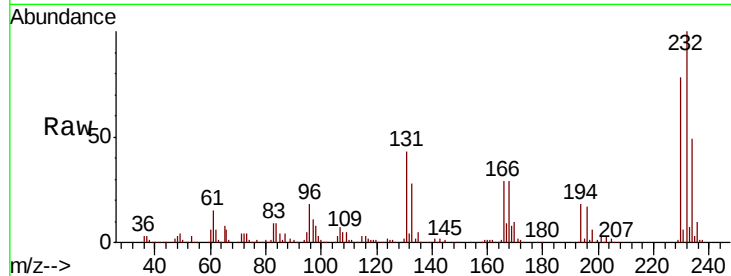




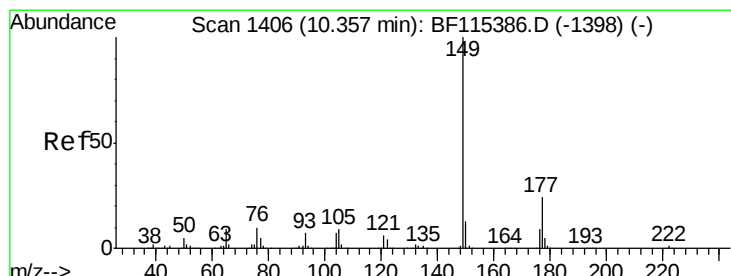
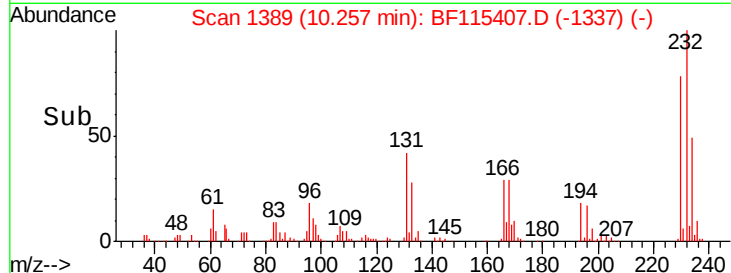
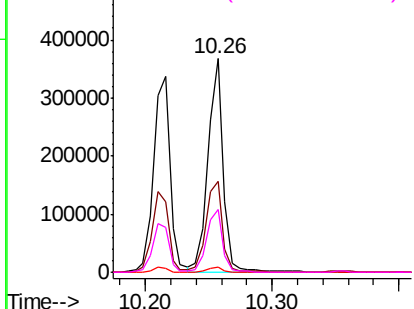
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.939 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.01 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Instrument :
BNA_E
ClientSampled :
PB121130BS

Tot Ion:232 Resp: 310226
Ion Ratio Lower Upper
232 100
131 45.4 36.6 55.0
130 2.3 1.8 2.8
166 30.8 24.6 36.8

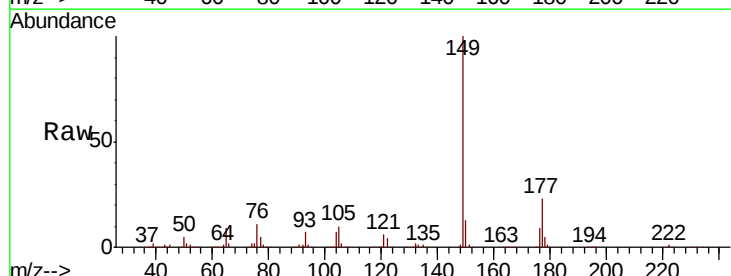


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

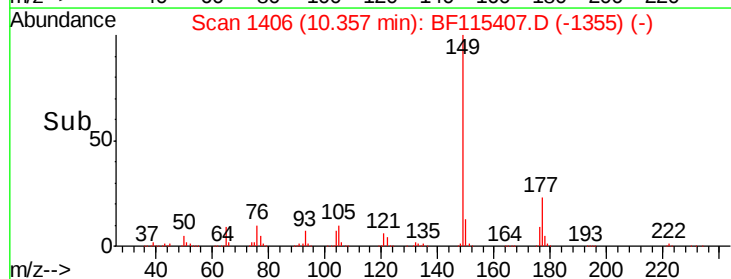
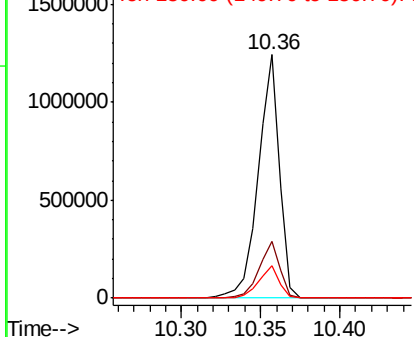


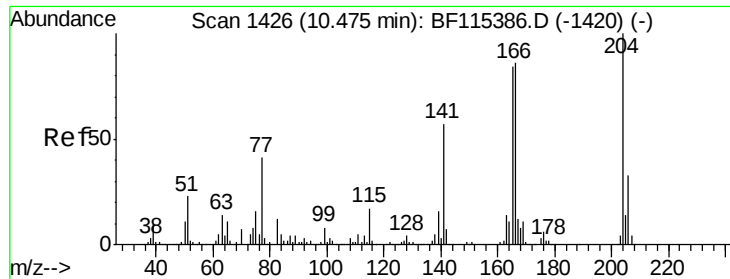
#60
Diethylphthalate
Concen: 43.533 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Tgt Ion:149 Resp: 1157634
Ion Ratio Lower Upper
149 100
177 23.2 18.8 28.2
150 13.1 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

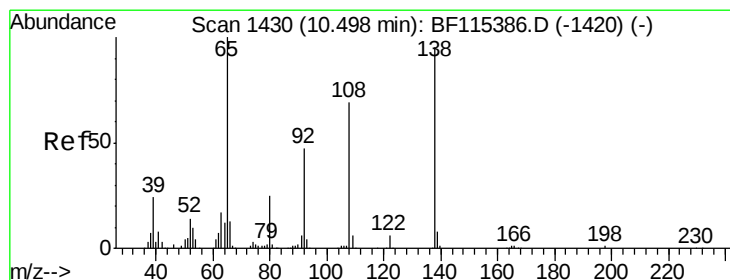
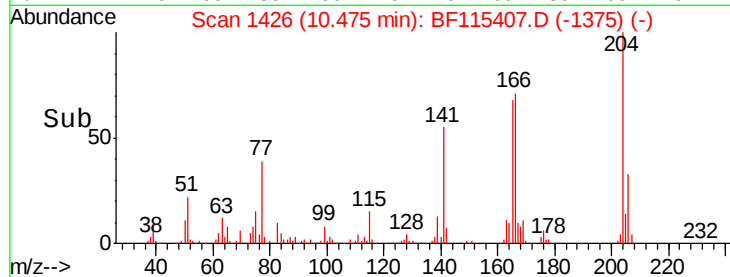
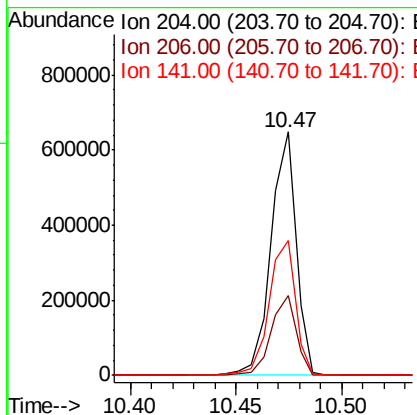
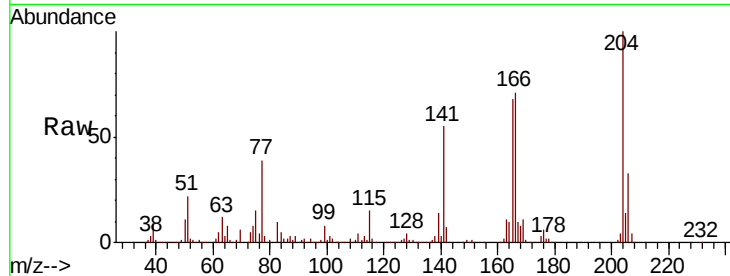




#61
 4-Chlorophenyl-phenylether
 Concen: 44.698 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF115407.D
 Acq: 8 Jul 2019 15:54

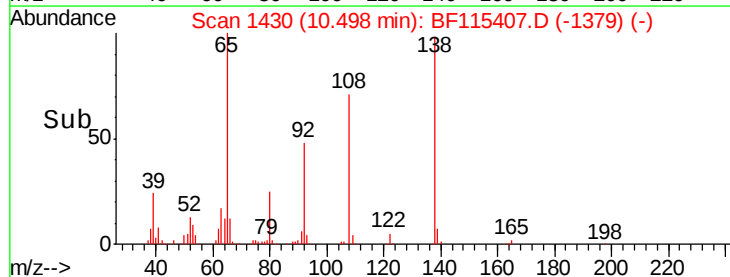
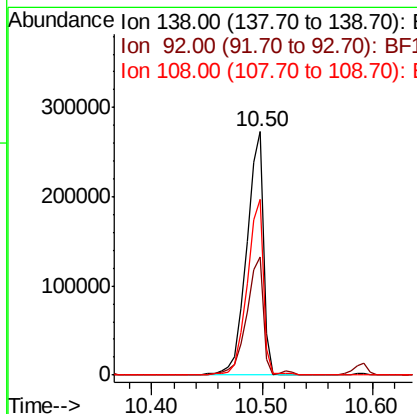
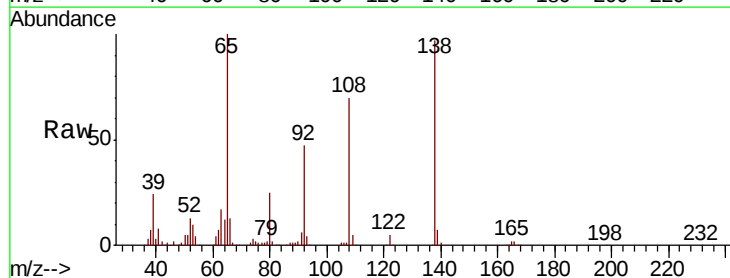
Instrument :
 BNA_E
 ClientSampleId :
 PB121130BS

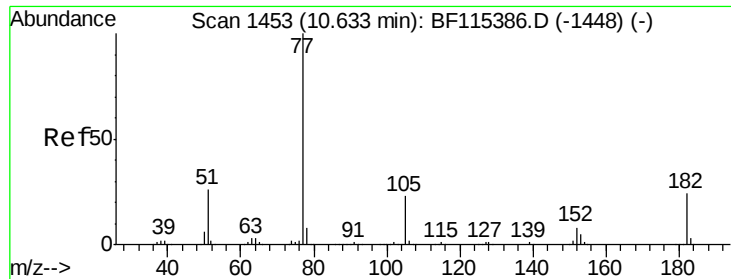
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.1	39.1
141	55.4	45.8	68.6



#62
 4-Nitroaniline
 Concen: 43.932 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.00 min
 Lab File: BF115407.D
 Acq: 8 Jul 2019 15:54

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.4	29.3	69.3
108	72.1	53.2	93.2





#63

Azobenzene

Concen: 43.548 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF115407.D

Acq: 8 Jul 2019 15:54

Instrument :

BNA_E

ClientSampleId :

PB121130BS

Tot Ion: 77 Resp: 1193713

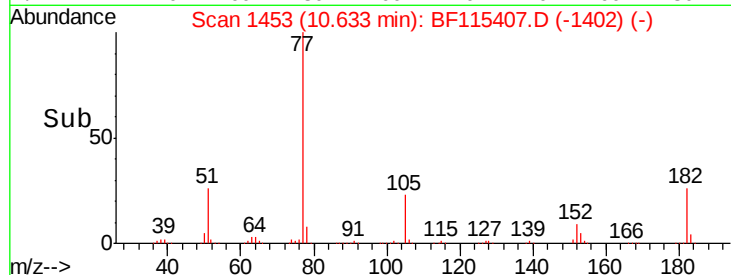
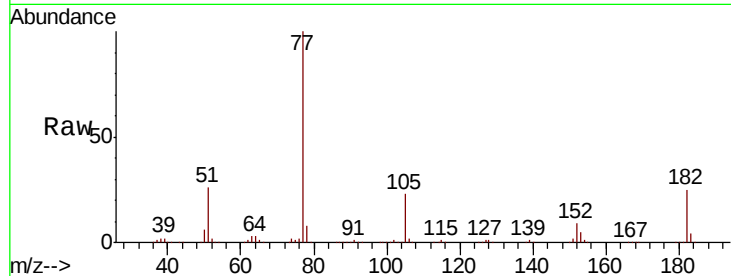
Ion Ratio Lower Upper

77 100

182 25.5 4.1 44.1

105 23.1 2.6 42.6

51 26.3 6.4 46.4

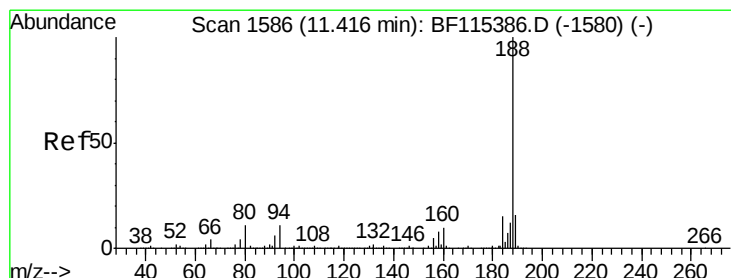
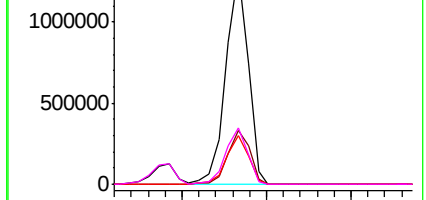


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF115407.D

Acq: 8 Jul 2019 15:54

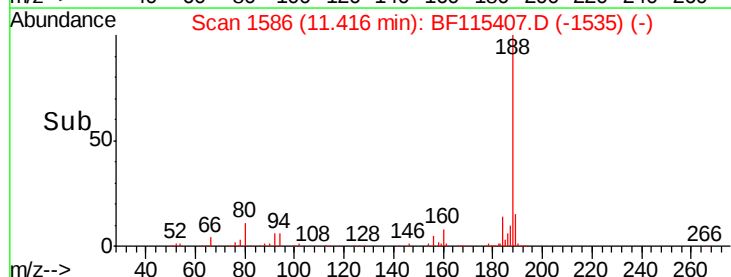
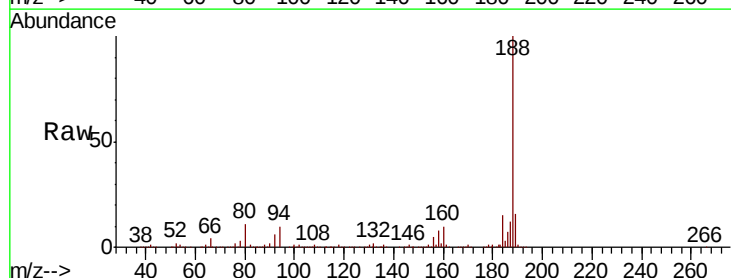
Tgt Ion: 188 Resp: 681908

Ion Ratio Lower Upper

188 100

94 10.3 8.5 12.7

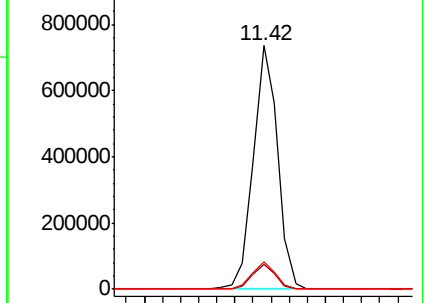
80 11.2 9.1 13.7

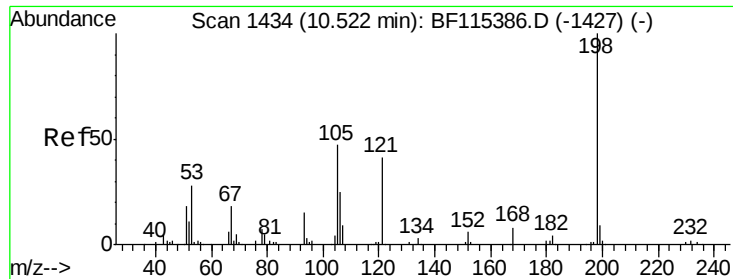


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

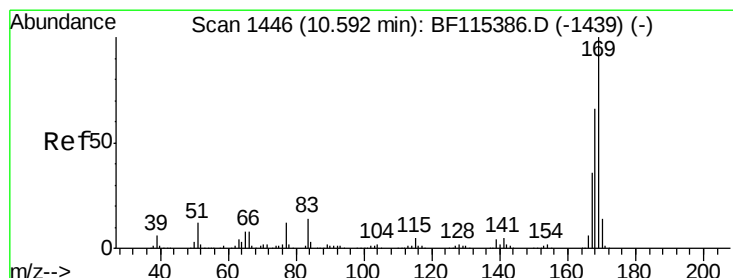
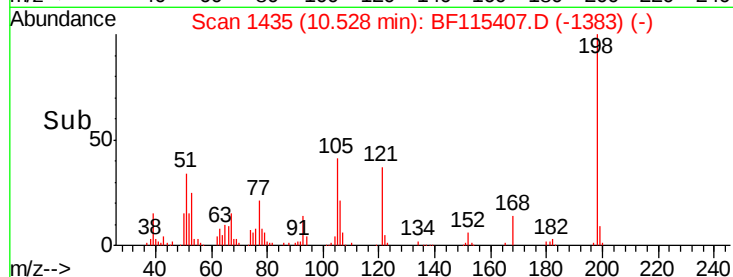
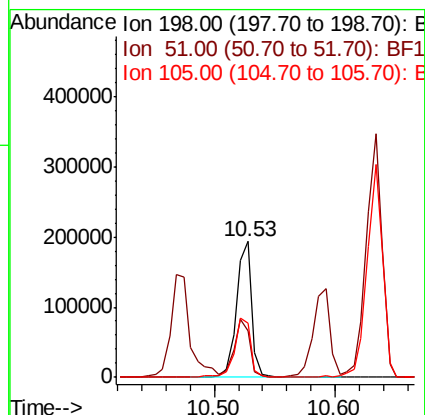
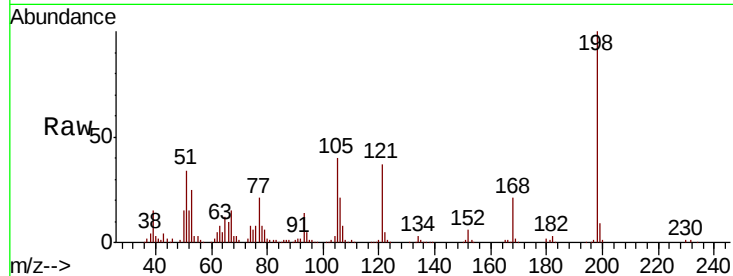




#65
 4,6-Dinitro-2-methylphenol
 Concen: 51.413 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: BF115407.D
 Acq: 8 Jul 2019 15:54

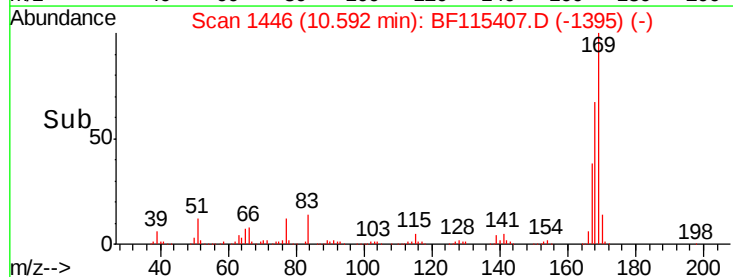
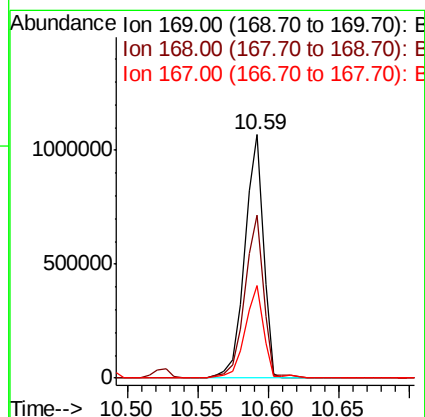
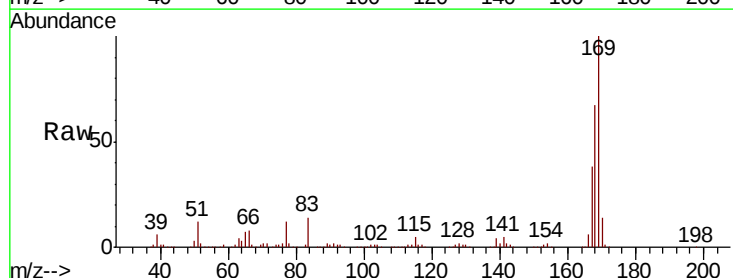
Instrument :
 BNA_E
 ClientSampleId :
 PB121130BS

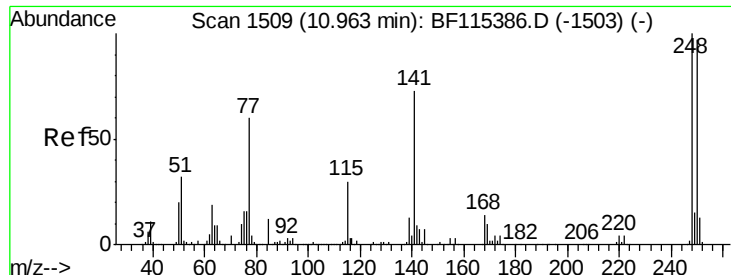
Tot Ion:198 Resp: 170030
 Ion Ratio Lower Upper
 198 100
 51 33.9 25.4 65.4
 105 40.4 27.9 67.9



#66
 n-Nitrosodiphenylamine
 Concen: 45.637 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. 0.00 min
 Lab File: BF115407.D
 Acq: 8 Jul 2019 15:54

Tgt Ion:169 Resp: 980536
 Ion Ratio Lower Upper
 169 100
 168 67.0 52.6 79.0
 167 37.8 29.2 43.8

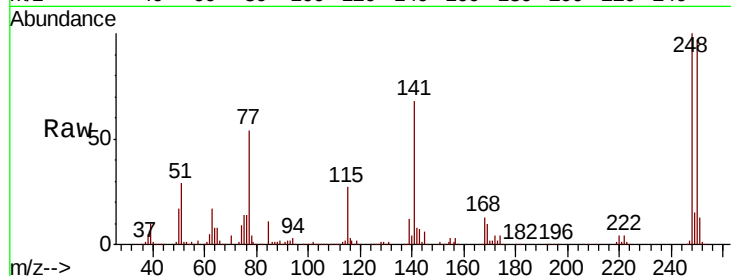




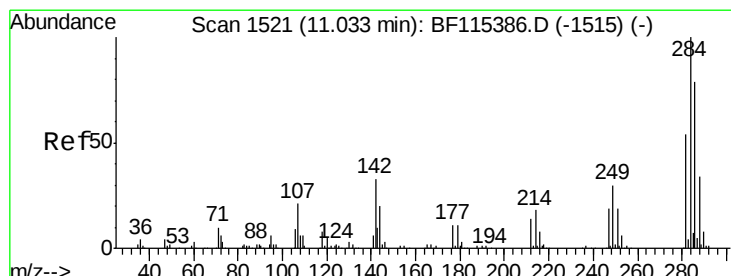
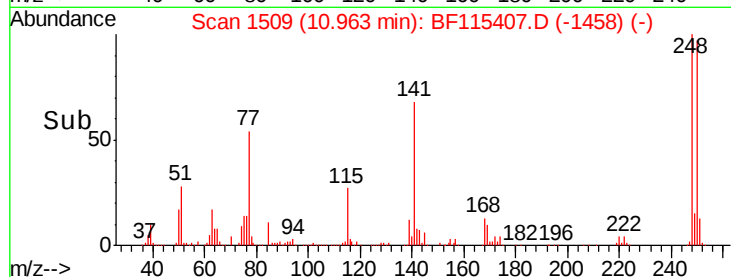
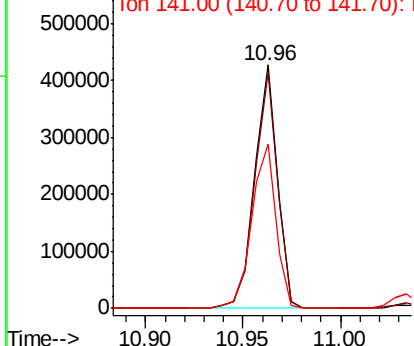
#67
 4-Bromophenyl-phenylether
 Concen: 45.361 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: BF115407.D
 Acq: 8 Jul 2019 15:54

Instrument :
 BNA_E
 ClientSampleID :
 PB121130BS

Tot Ion:248 Resp: 347078
 Ion Ratio Lower Upper
 248 100
 250 97.0 77.3 115.9
 141 67.7 58.5 87.7

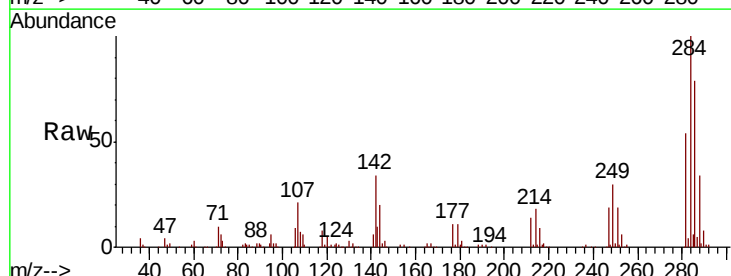


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

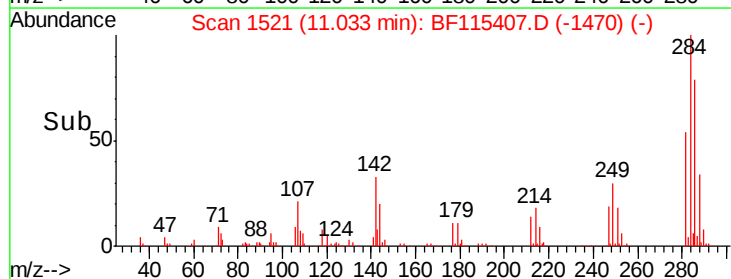
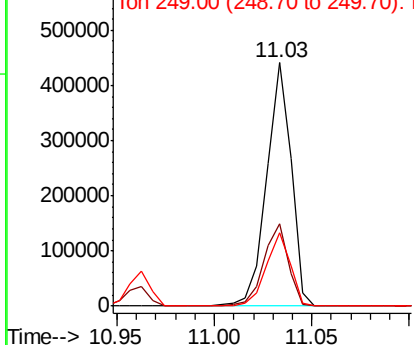


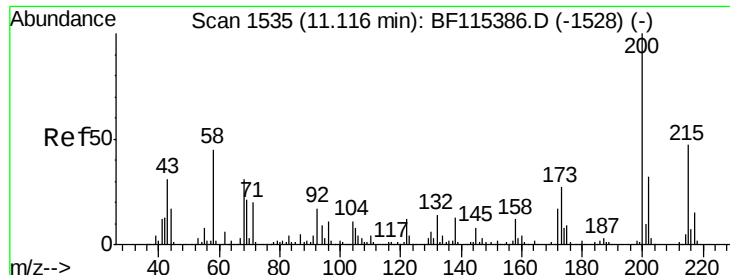
#68
 Hexachlorobenzene
 Concen: 44.665 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.00 min
 Lab File: BF115407.D
 Acq: 8 Jul 2019 15:54

Tgt Ion:284 Resp: 383489
 Ion Ratio Lower Upper
 284 100
 142 33.7 26.5 39.7
 249 30.2 24.2 36.2



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 48.200 ng

RT: 11.12 min Scan# 1535

Delta R.T. 0.00 min

Lab File: BF115407.D

Acq: 8 Jul 2019 15:54

Instrument :

BNA_E

ClientSampleId :

PB121130BS

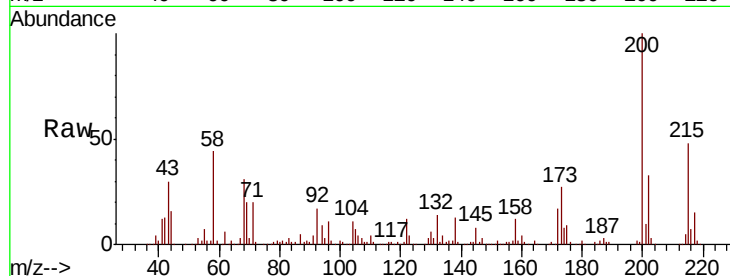
Tot Ion:200 Resp: 320500

Ion Ratio Lower Upper

200 100

173 27.4 7.1 47.1

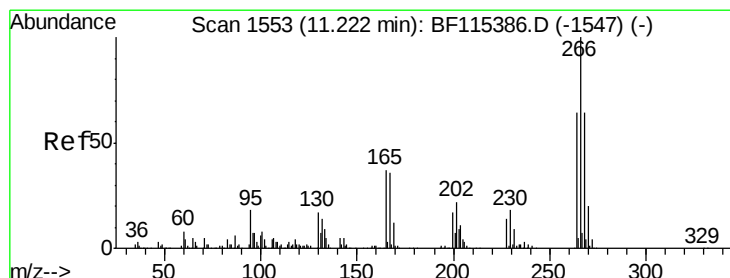
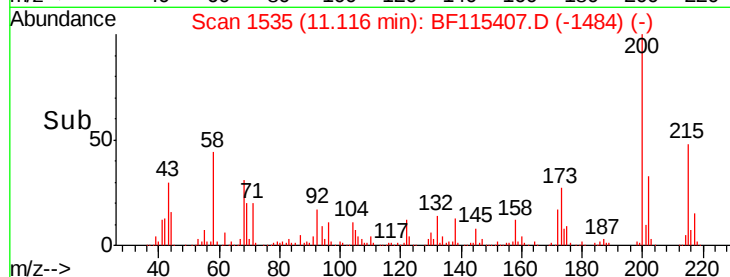
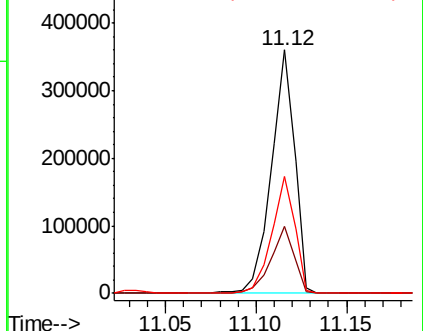
215 48.2 27.5 67.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 87.316 ng

RT: 11.22 min Scan# 1553

Delta R.T. 0.00 min

Lab File: BF115407.D

Acq: 8 Jul 2019 15:54

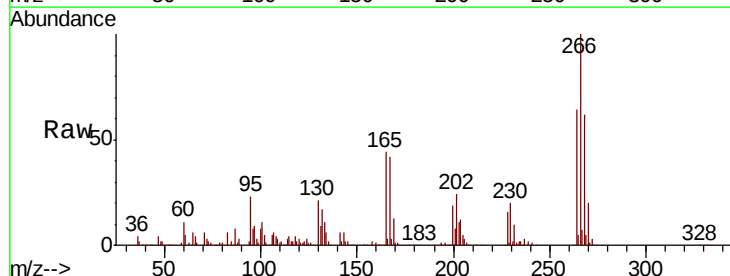
Tgt Ion:266 Resp: 456884

Ion Ratio Lower Upper

266 100

268 62.4 51.3 76.9

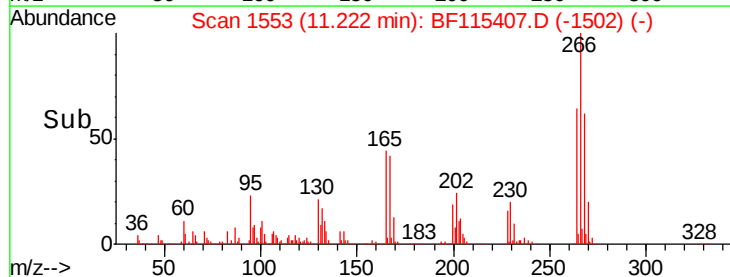
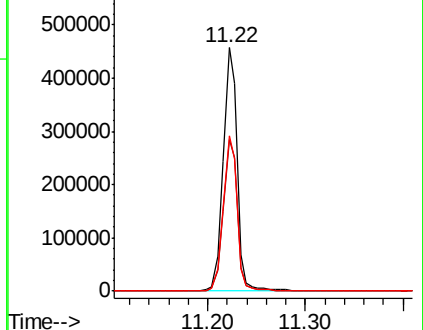
264 63.7 51.6 77.4

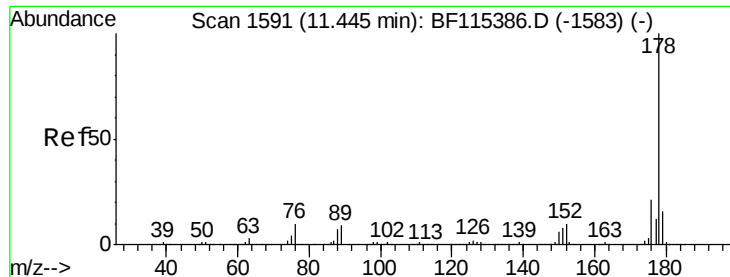


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

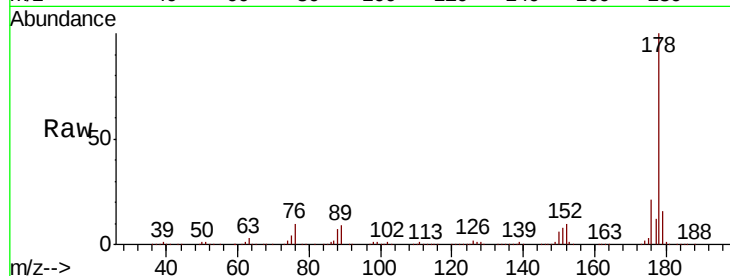




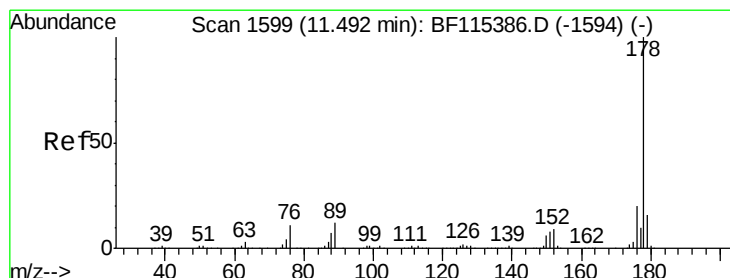
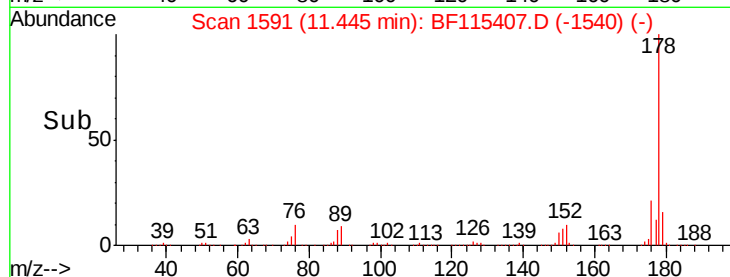
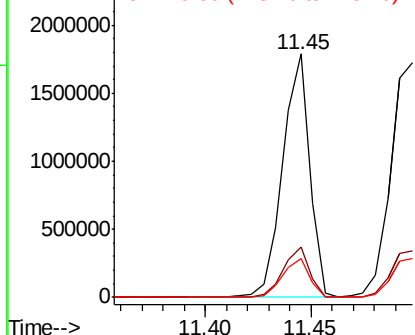
#71
Phenanthrene
Concen: 44.635 ng
RT: 11.45 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Instrument :
BNA_E
ClientSampleId :
PB121130BS

Tot Ion:178 Resp: 1600752
Ion Ratio Lower Upper
178 100
176 20.5 16.6 25.0
179 16.1 13.0 19.6

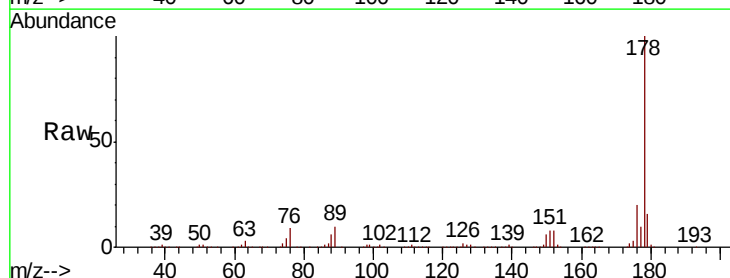


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

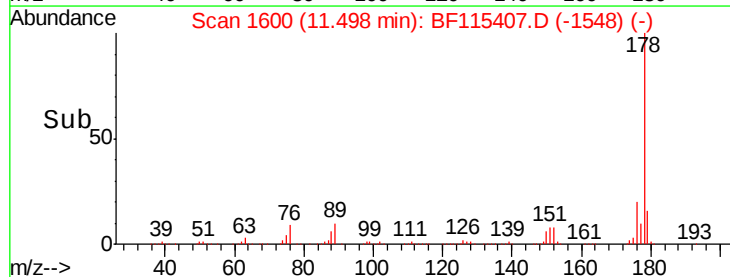
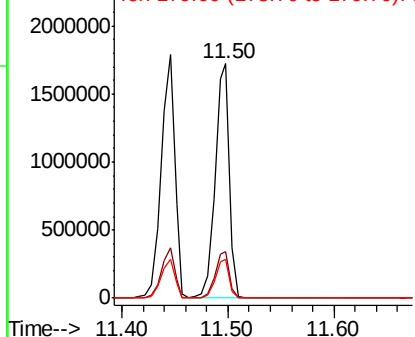


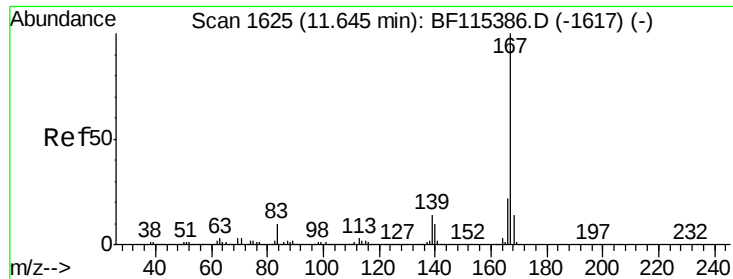
#72
Anthracene
Concen: 45.758 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.01 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Tgt Ion:178 Resp: 1645579
Ion Ratio Lower Upper
178 100
176 20.0 16.0 24.0
179 16.3 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

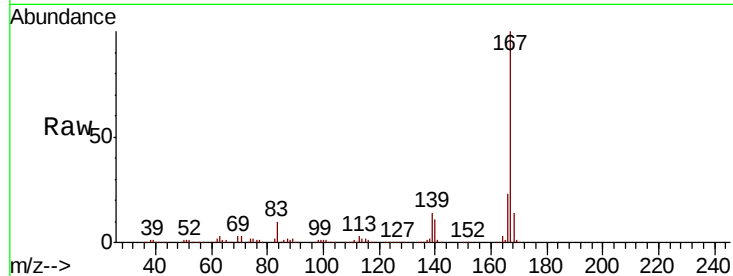




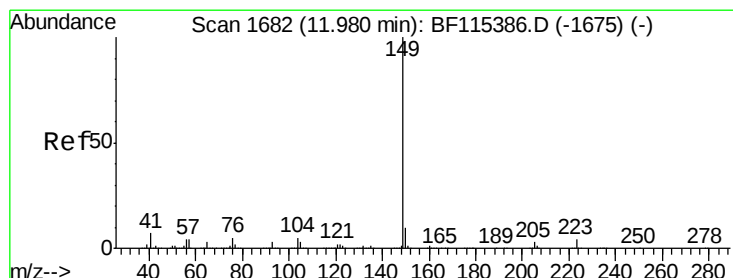
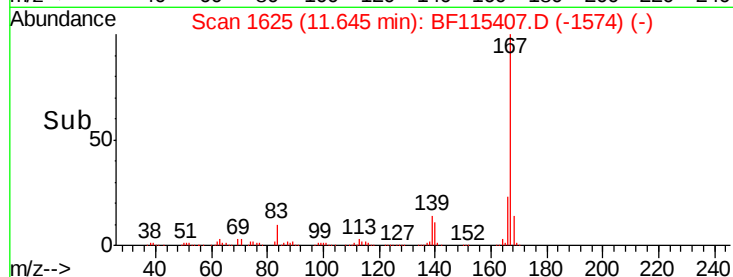
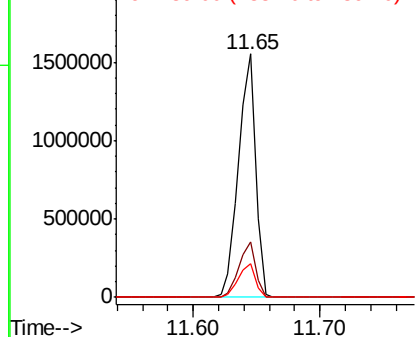
#73
 Carbazole
 Concen: 43.789 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. 0.00 min
 Lab File: BF115407.D
 Acq: 8 Jul 2019 15:54

Instrument :
 BNA_E
 ClientSampleId :
 PB121130BS

Tot Ion:167 Resp: 1440654
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.9 26.9
 139 13.6 11.0 16.6

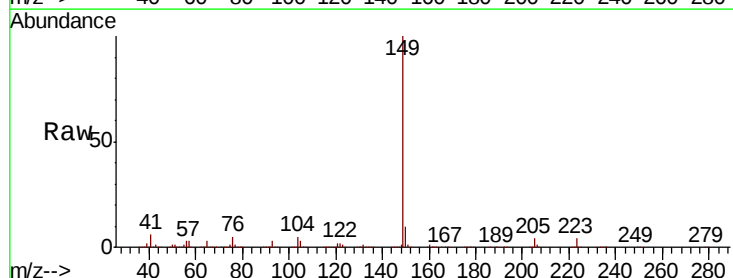


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

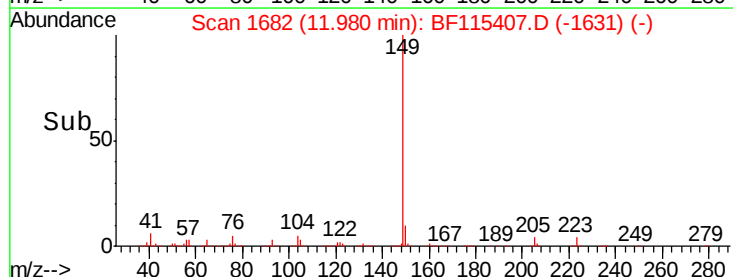
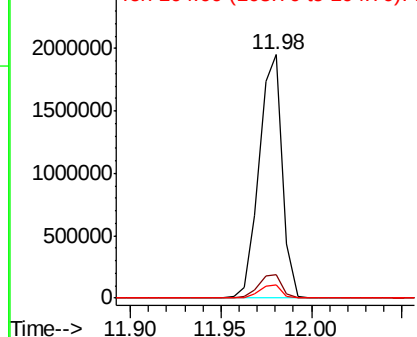


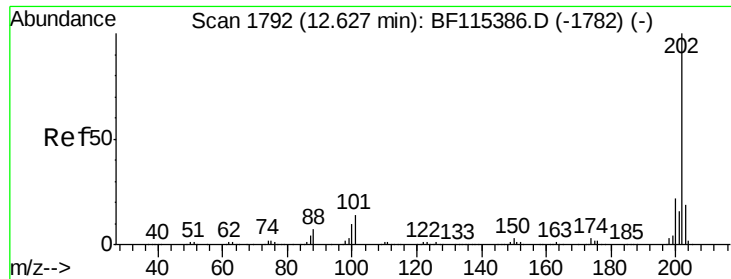
#74
 Di-n-butylphthalate
 Concen: 43.457 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. 0.00 min
 Lab File: BF115407.D
 Acq: 8 Jul 2019 15:54

Tgt Ion:149 Resp: 1727930
 Ion Ratio Lower Upper
 149 100
 150 9.6 8.0 12.0
 104 5.2 4.4 6.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.014 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.00 min

Lab File: BF115407.D

Acq: 8 Jul 2019 15:54

Instrument :

BNA_E

ClientSampleId :

PB121130BS

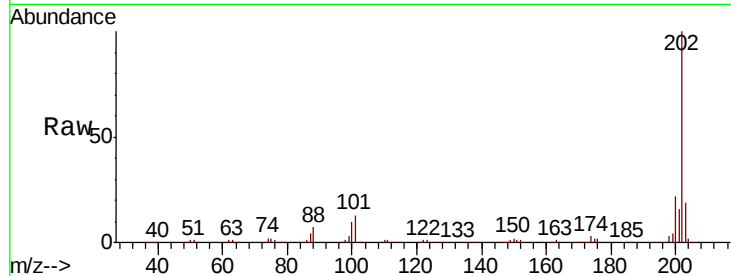
Tot Ion:202 Resp: 1662025

Ion Ratio Lower Upper

202 100

101 13.3 0.0 34.0

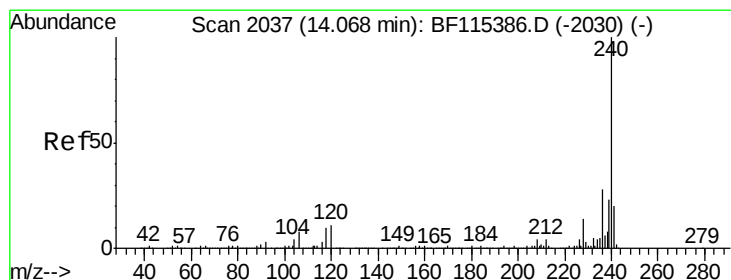
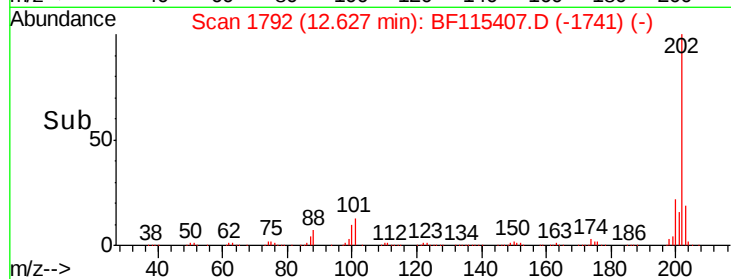
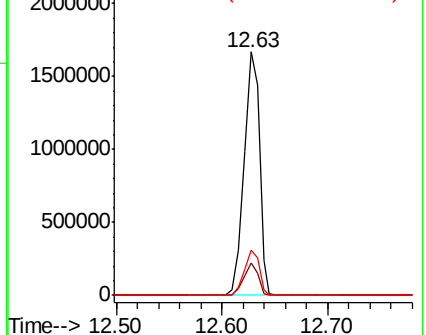
203 18.8 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF115407.D

Acq: 8 Jul 2019 15:54

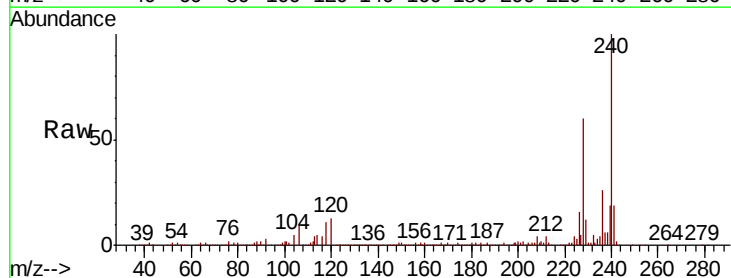
Tgt Ion:240 Resp: 470798

Ion Ratio Lower Upper

240 100

120 12.6 9.1 13.7

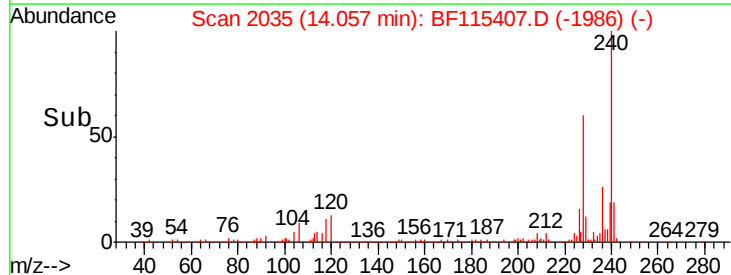
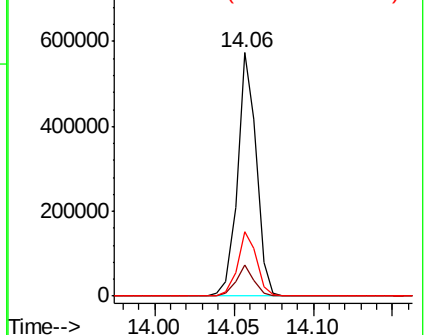
236 26.3 22.5 33.7

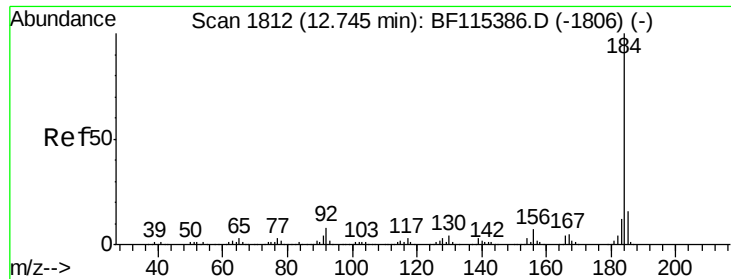


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.262 ng

RT: 12.75 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF115407.D

Acq: 8 Jul 2019 15:54

Instrument :

BNA_E

ClientSampleId :

PB121130BS

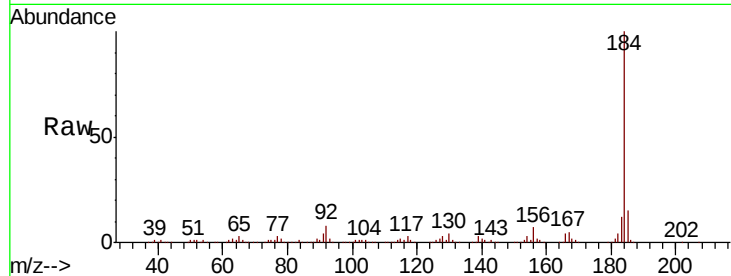
Tot Ion:184 Resp: 794254

Ion Ratio Lower Upper

184 100

185 15.1 12.6 18.8

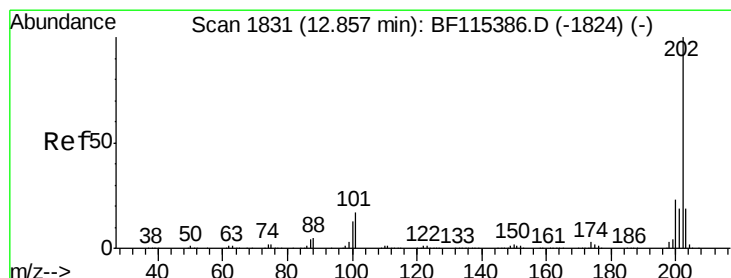
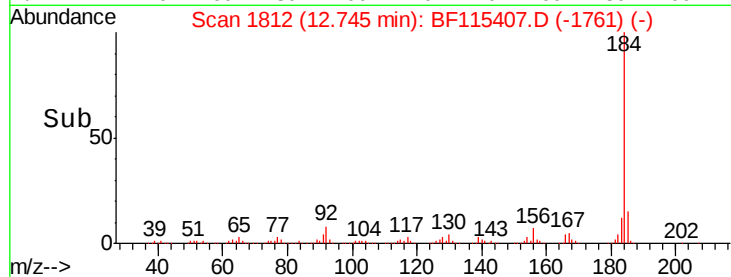
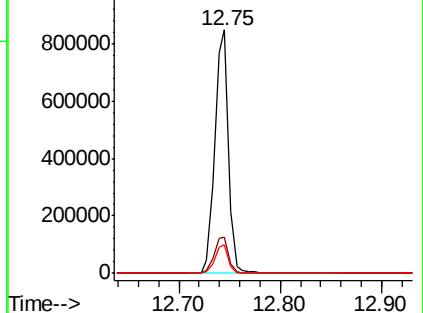
183 11.6 9.4 14.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.916 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF115407.D

Acq: 8 Jul 2019 15:54

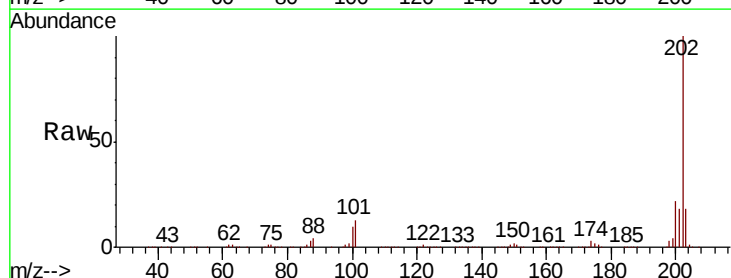
Tgt Ion:202 Resp: 1681044

Ion Ratio Lower Upper

202 100

200 22.2 18.2 27.4

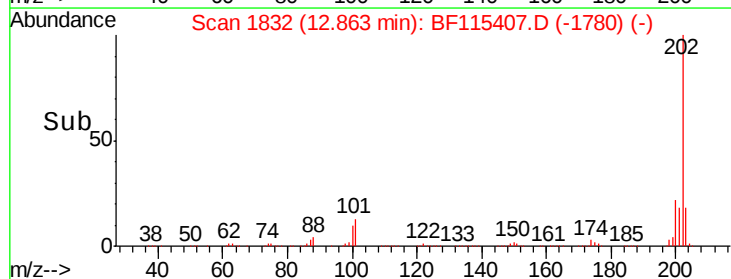
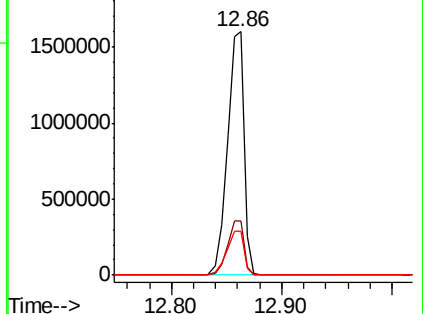
203 18.0 14.8 22.2

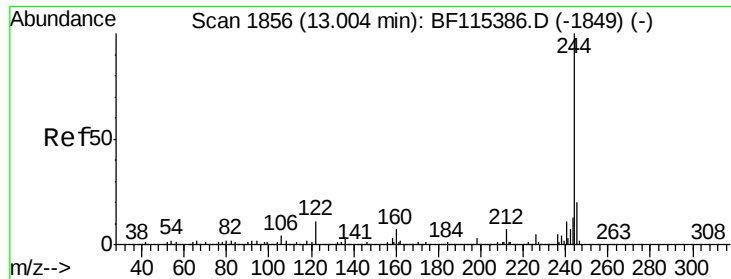


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 86.648 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BF115407.D

Acq: 8 Jul 2019 15:54

Instrument :

BNA_E

ClientSampleId :

PB121130BS

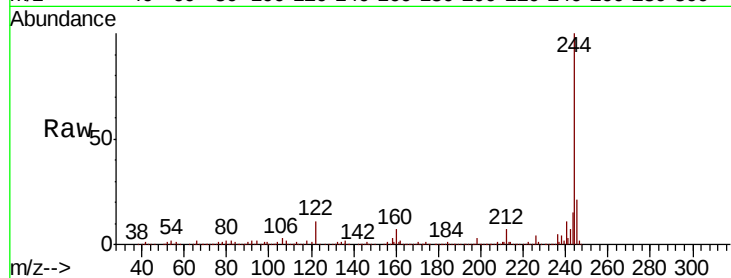
Tot Ion:244 Resp: 1992365

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 10.6 9.1 13.7

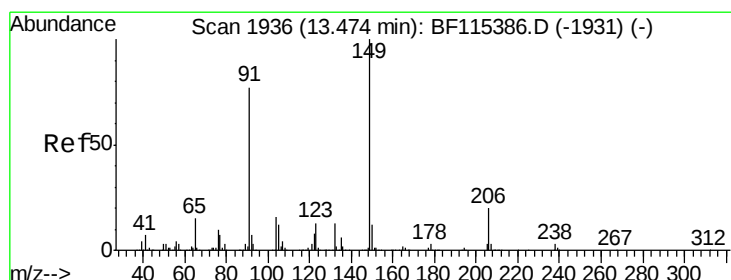
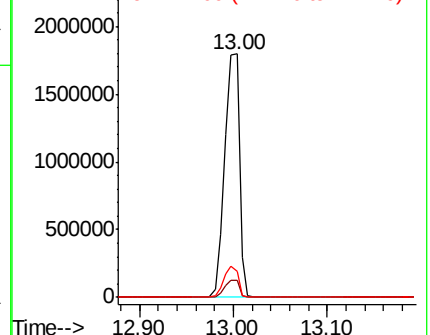
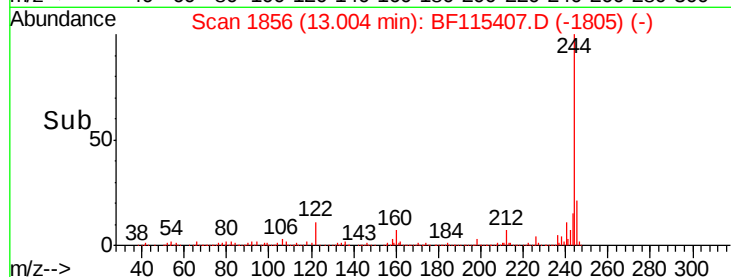


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.981 ng

RT: 13.47 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BF115407.D

Acq: 8 Jul 2019 15:54

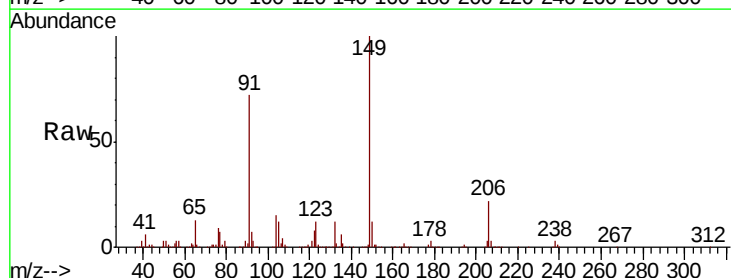
Tgt Ion:149 Resp: 735525

Ion Ratio Lower Upper

149 100

91 71.6 61.4 92.0

206 22.1 16.1 24.1

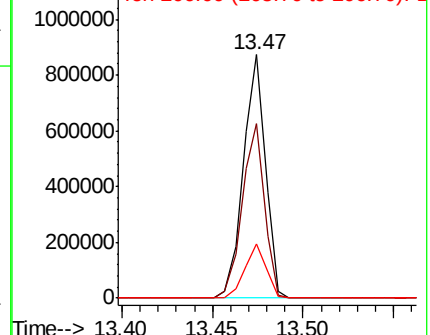
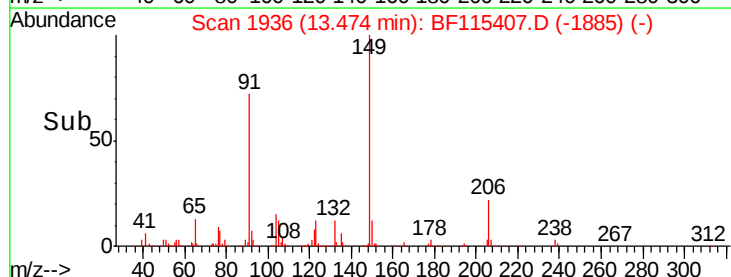


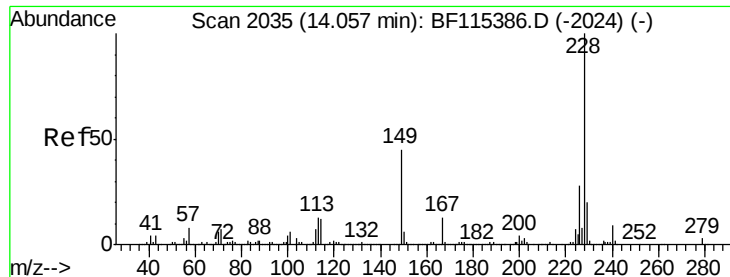
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

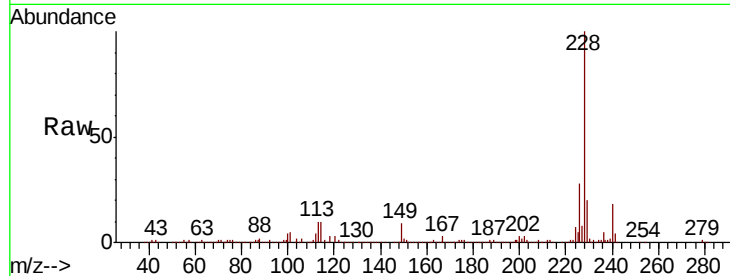




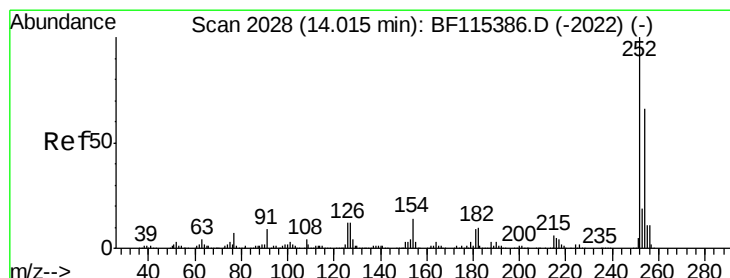
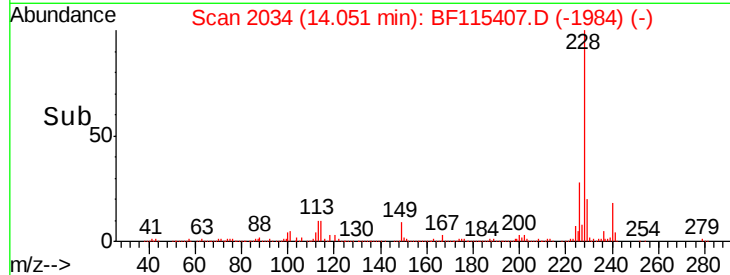
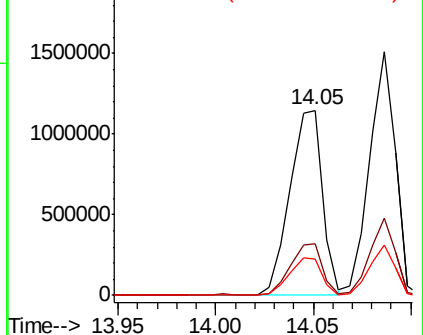
#81
Benzo(a)anthracene
Concen: 44.113 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Instrument :
BNA_E
ClientSampleId :
PB121130BS

Tot Ion:228 Resp: 1330700
Ion Ratio Lower Upper
228 100
226 27.7 22.7 34.1
229 19.7 16.3 24.5

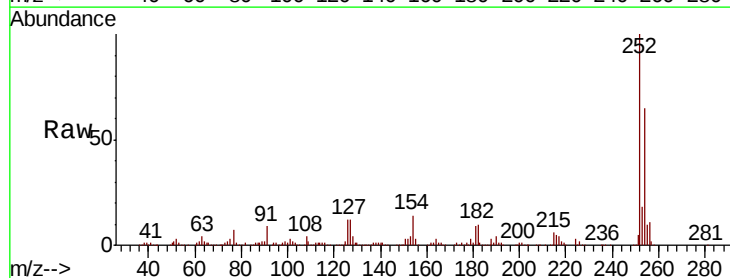


Abundance Ion 228.00 (227.70 to 228.70): E
2000000 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

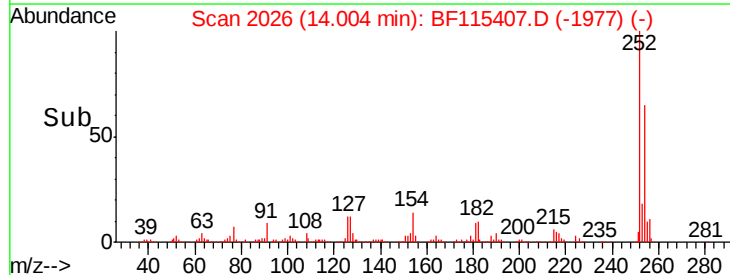
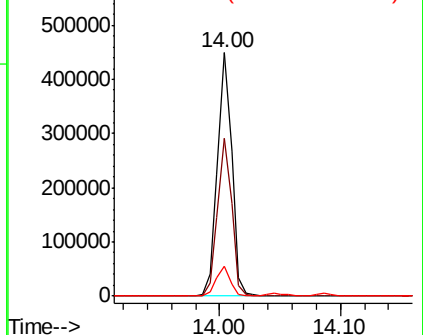


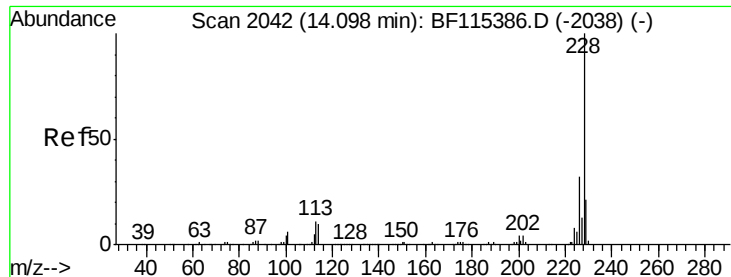
#82
3,3'-Dichlorobenzidine
Concen: 33.220 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Tgt Ion:252 Resp: 363624
Ion Ratio Lower Upper
252 100
254 65.1 53.0 79.4
126 12.4 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E
600000 Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

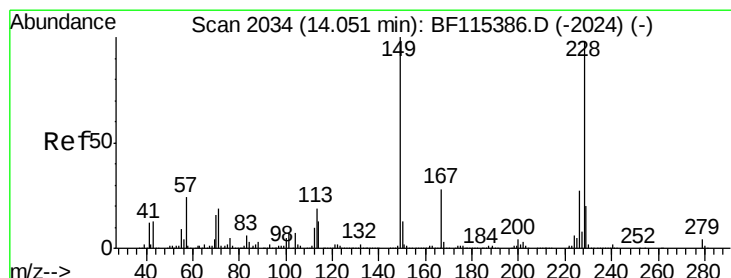
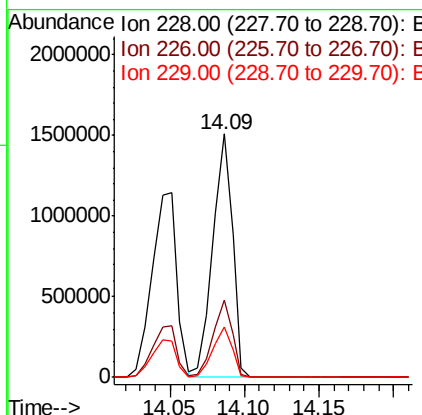
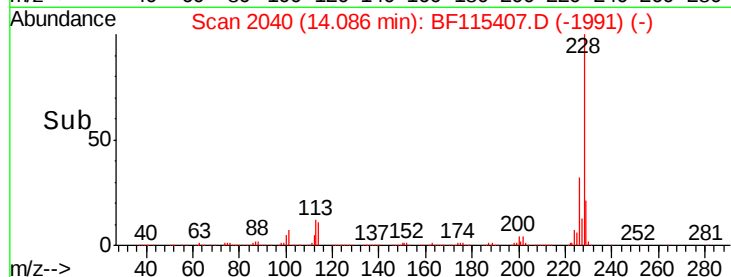
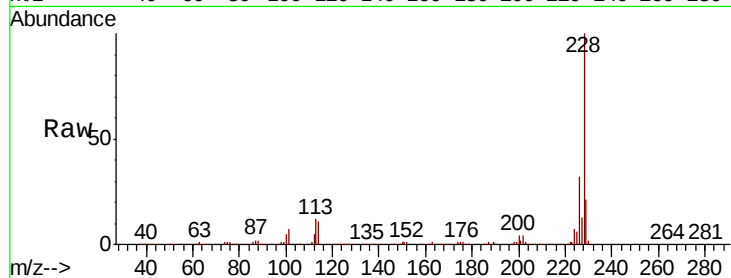




#83
 Chrvsene
 Concen: 44.698 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. -0.01 min
 Lab File: BF115407.D
 Acq: 8 Jul 2019 15:54

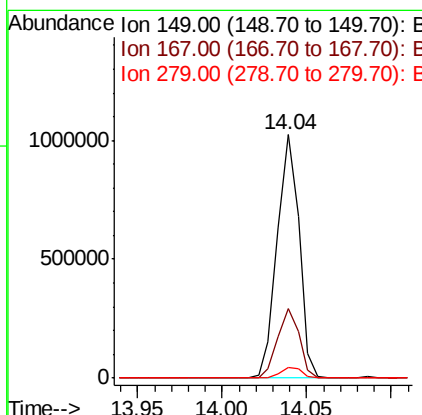
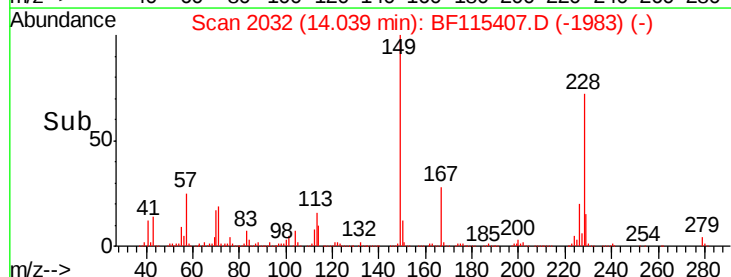
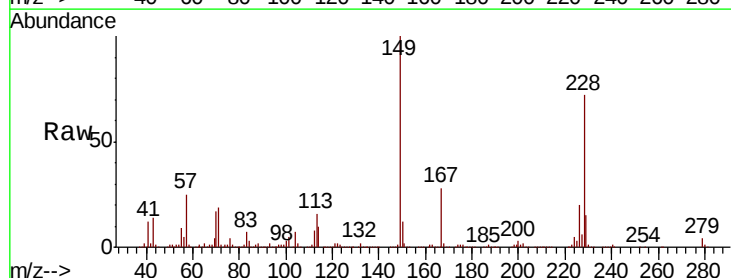
Instrument :
 BNA_E
 ClientSampleId :
 PB121130BS

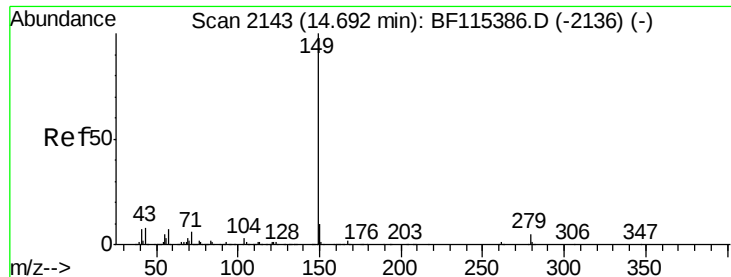
Tot Ion:228 Resp: 1385405
 Ion Ratio Lower Upper
 228 100
 226 32.0 25.7 38.5
 229 20.8 16.6 25.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.706 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF115407.D
 Acq: 8 Jul 2019 15:54

Tgt Ion:149 Resp: 925239
 Ion Ratio Lower Upper
 149 100
 167 28.3 22.3 33.5
 279 4.2 3.4 5.2

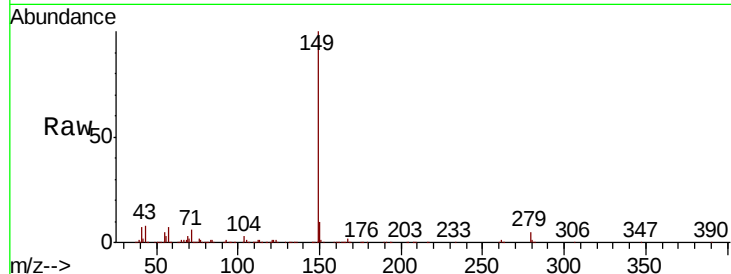




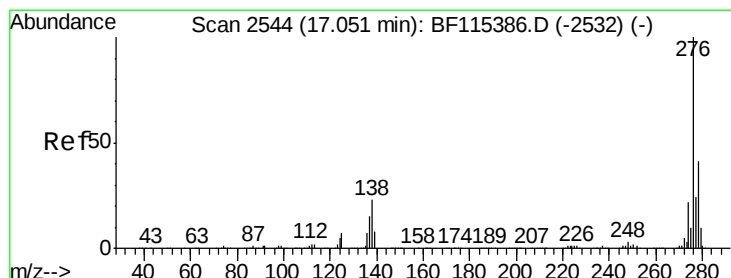
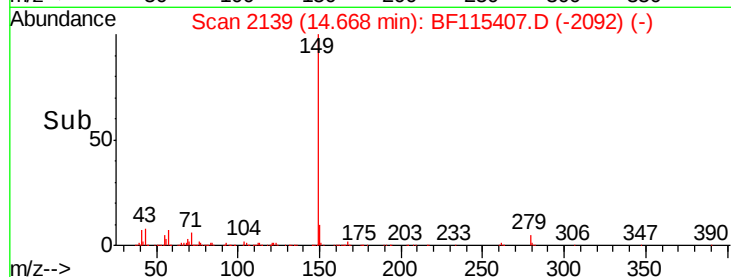
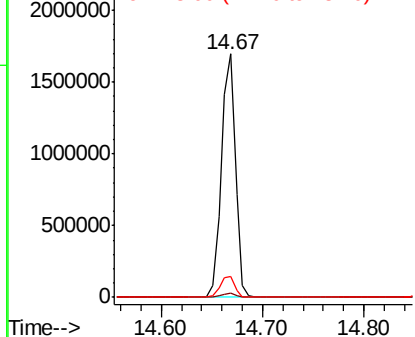
#85
Di-n-octyl phthalate
Concen: 45.828 ng
RT: 14.67 min Scan# 2139
Delta R.T. -0.02 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Instrument :
BNA_E
ClientSampleId :
PB121130BS

Tot Ion:149 Resp: 1616174
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.0 7.6 11.4

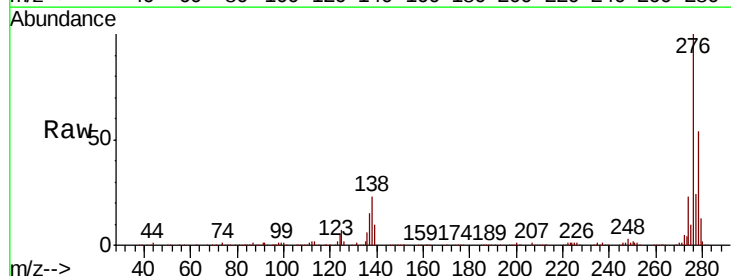


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

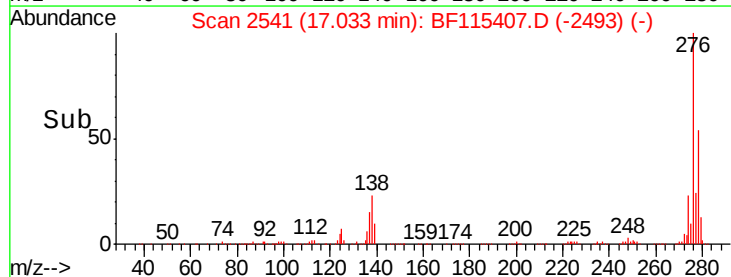
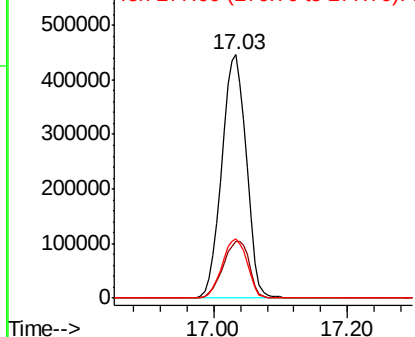


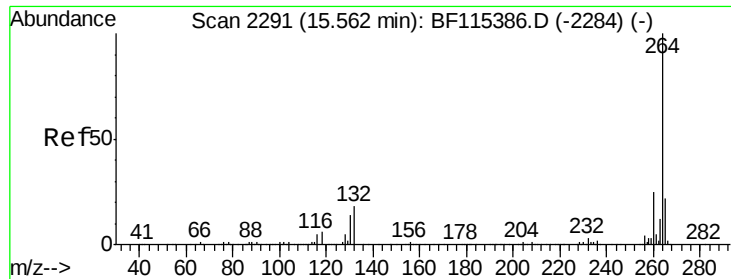
#86
Indeno(1,2,3-cd)pyrene
Concen: 45.921 ng
RT: 17.03 min Scan# 2541
Delta R.T. -0.02 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Tgt Ion:276 Resp: 1162641
Ion Ratio Lower Upper
276 100
138 25.0 0.0 0.0#
277 25.0 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



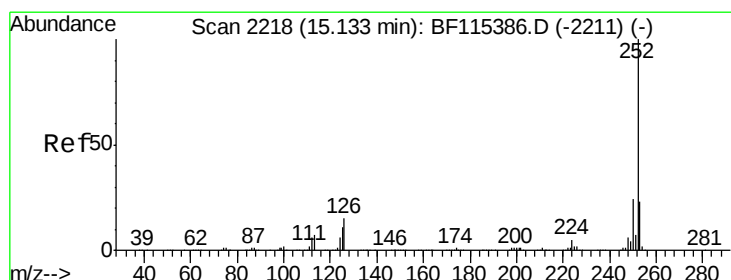
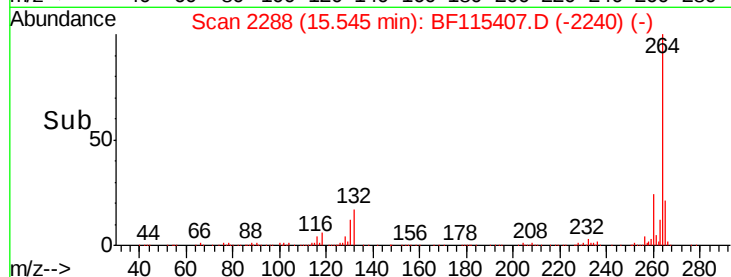
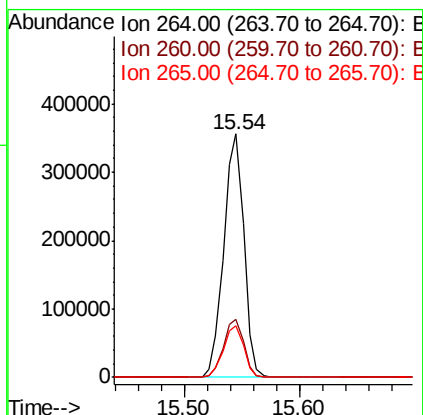
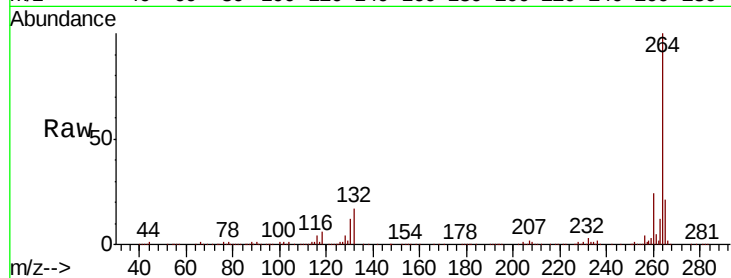


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.02 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Instrument :
BNA_E
ClientSampleId :
PB121130BS

Tot Ion:264 Resp: 430561

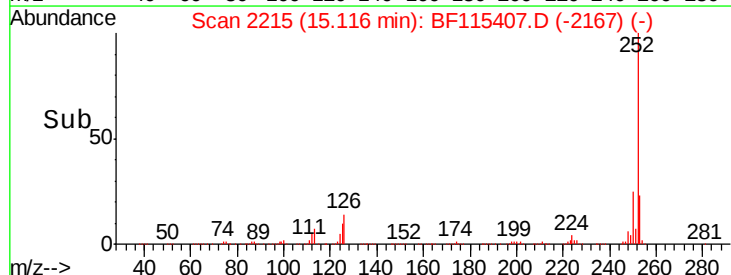
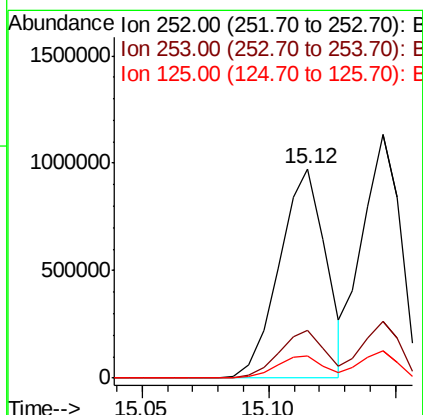
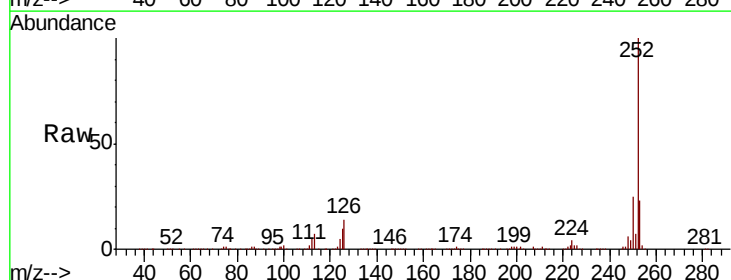
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.9	29.9
265	21.4	17.4	26.2

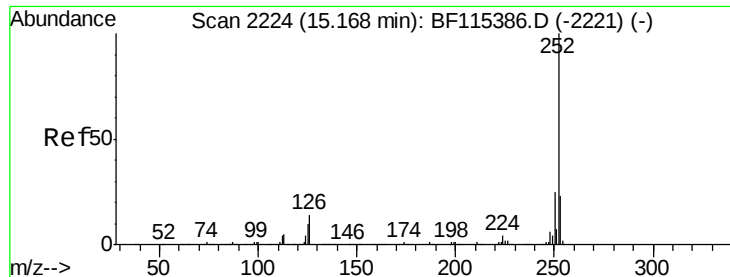


#88
Benzo(b)fluoranthene
Concen: 44.506 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Tgt Ion:252 Resp: 1247664

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	10.4	9.0	13.6

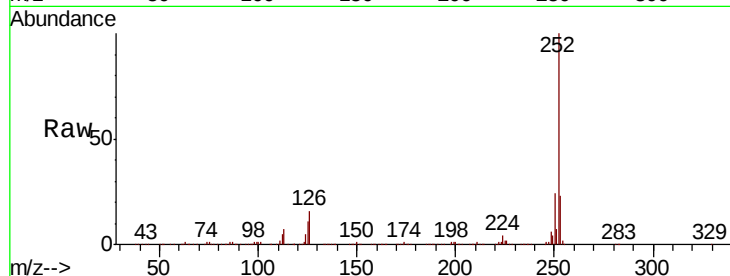




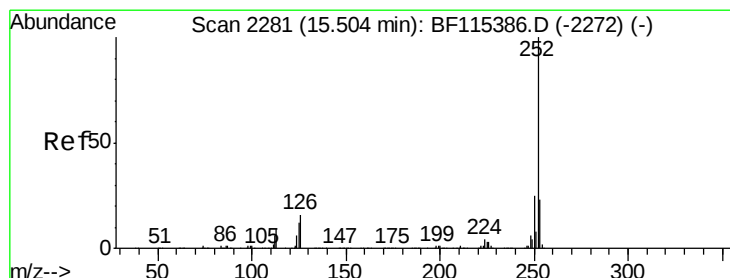
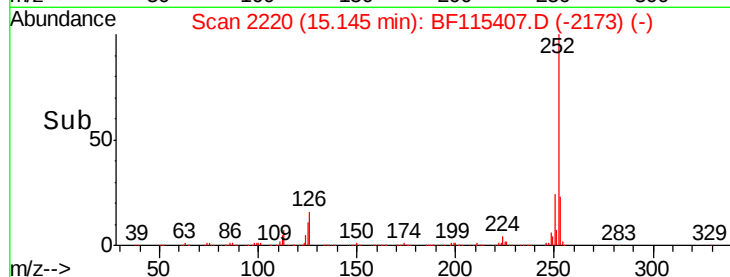
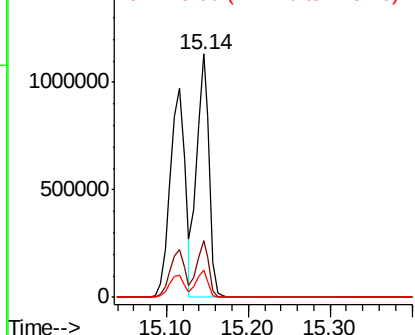
#89
Benzo(k)fluoranthene
Concen: 48.006 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.02 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Instrument :
BNA_E
ClientSampleId :
PB121130BS

Tot Ion:252 Resp: 1196836
Ion Ratio Lower Upper
252 100
253 23.2 18.3 27.5
125 11.1 8.3 12.5

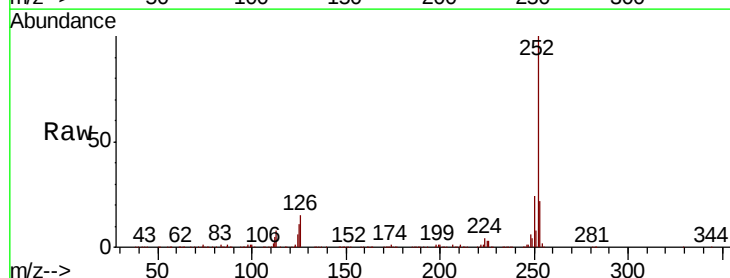


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

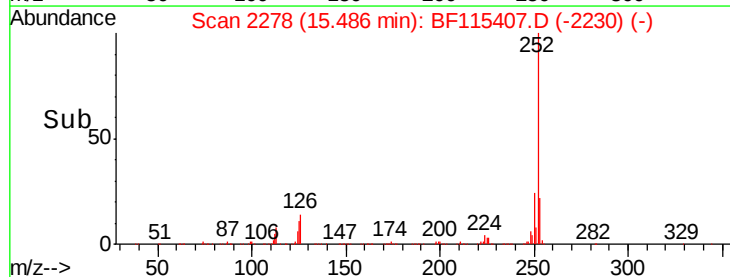
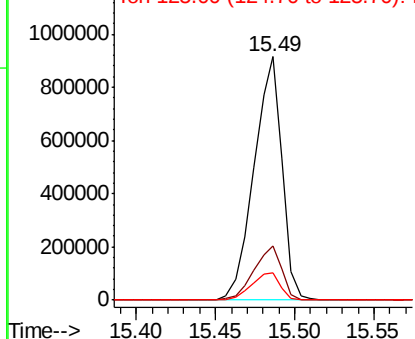


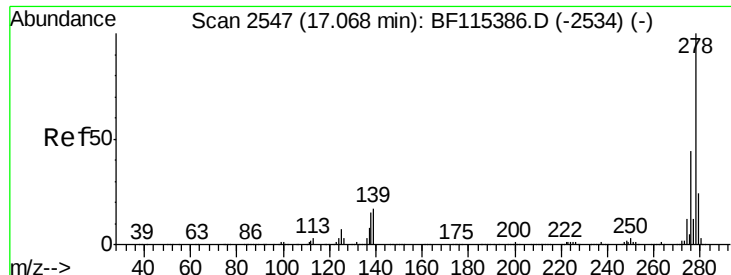
#90
Benzo(a)pyrene
Concen: 46.566 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Tgt Ion:252 Resp: 1125921
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 11.1 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

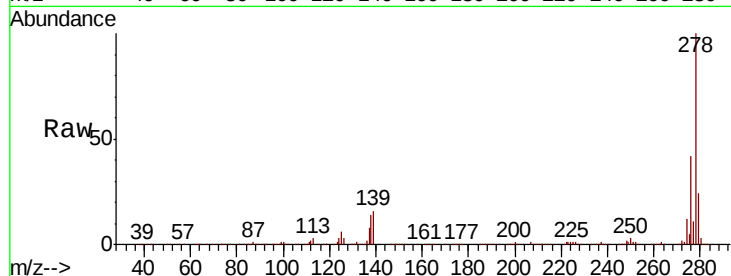




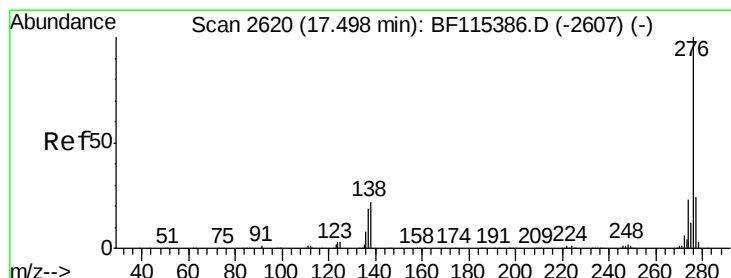
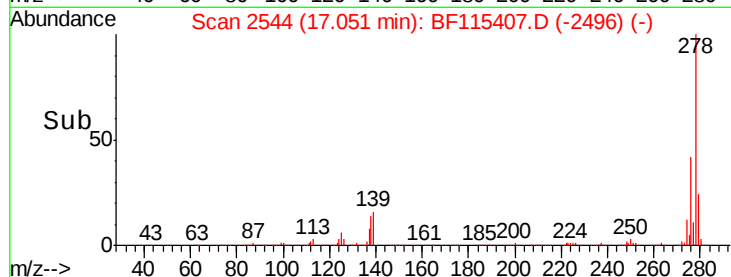
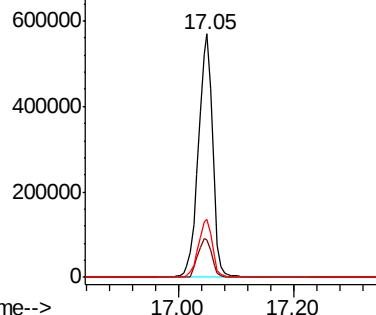
#91
 Dibenzo(a,h)anthracene
 Concen: 47.172 ng
 RT: 17.05 min Scan# 2544
 Delta R.T. -0.02 min
 Lab File: BF115407.D
 Acq: 8 Jul 2019 15:54

Instrument :
 BNA_E
 ClientSampleId :
 PB121130BS

Tot Ion:278 Resp: 974643
 Ion Ratio Lower Upper
 278 100
 139 15.5 13.4 20.2
 279 23.6 19.4 29.0

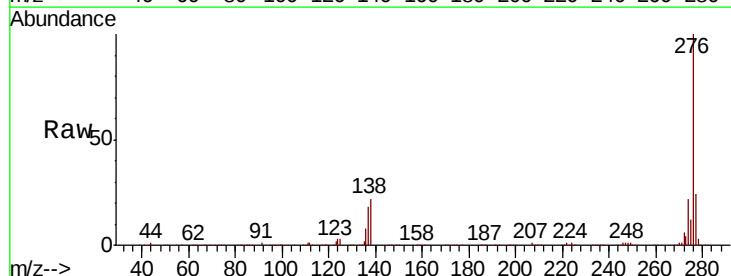


Abundance Ion 278.00 (277.70 to 278.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 279.00 (278.70 to 279.70): E



#92
 Benzo(g,h,i)perylene
 Concen: 48.965 ng
 RT: 17.48 min Scan# 2617
 Delta R.T. -0.02 min
 Lab File: BF115407.D
 Acq: 8 Jul 2019 15:54

Tgt Ion:276 Resp: 957590
 Ion Ratio Lower Upper
 276 100
 277 23.6 19.4 29.2
 138 21.6 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

