

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 :

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

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

						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

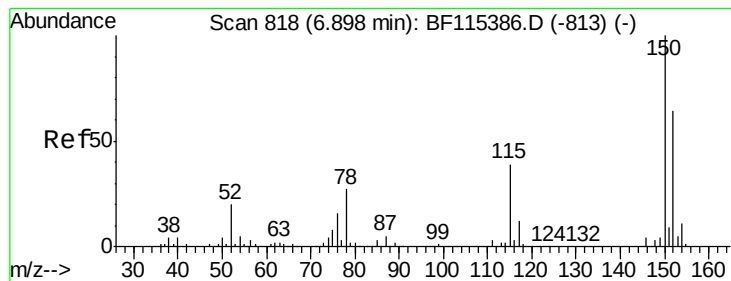
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
 Data File : BF115407.D
 Acq On : 8 Jul 2019 15:54
 Operator : HP/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 14:57:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

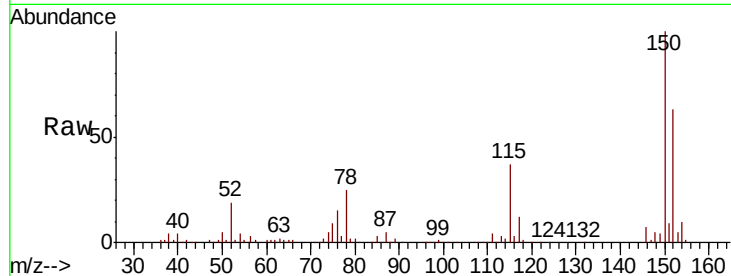


#1

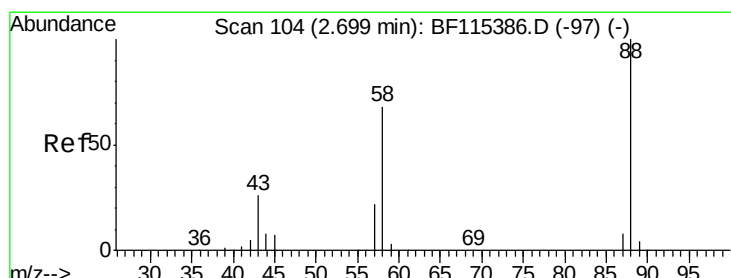
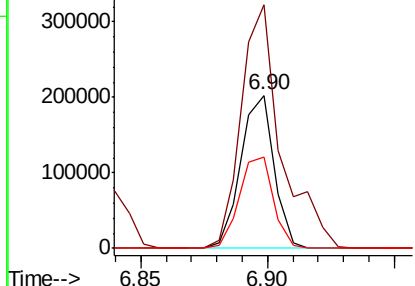
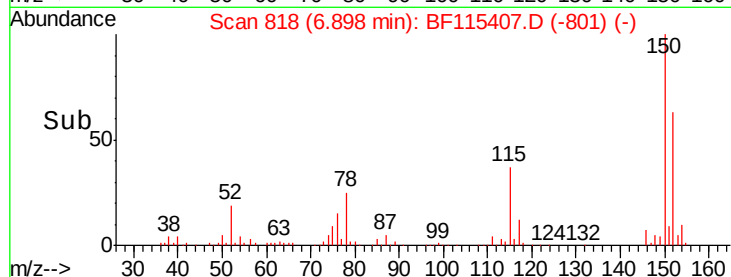
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Instrument :
BNA_E
ClientSampleId :

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



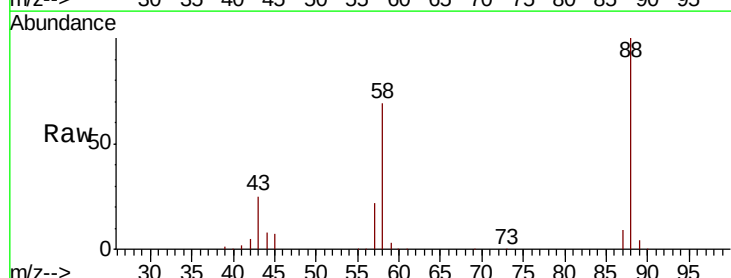
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



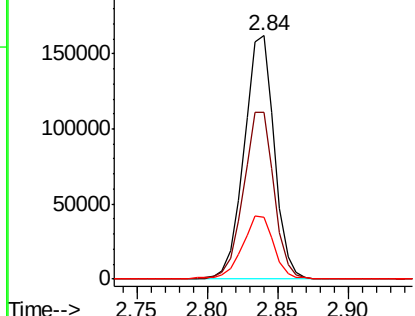
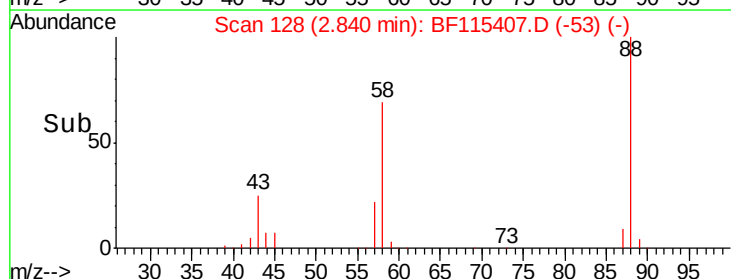
#2

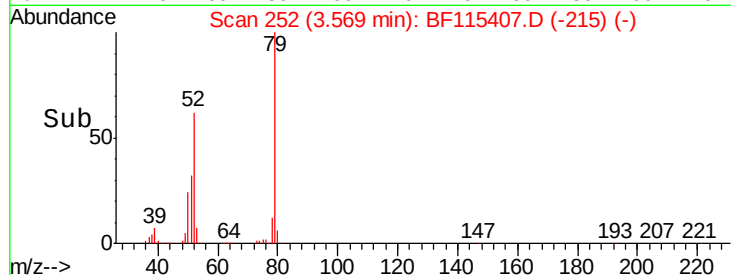
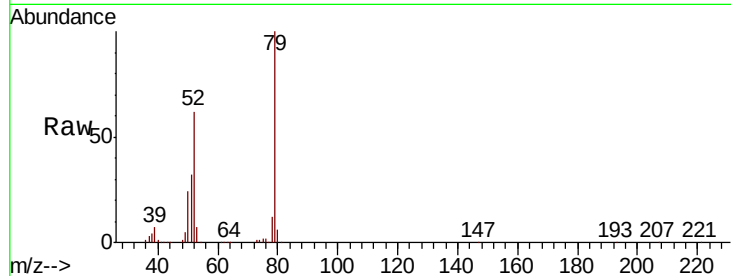
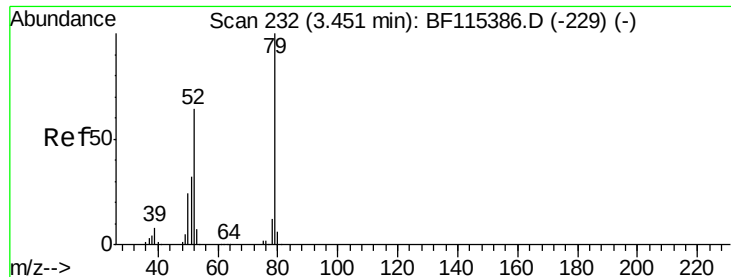
1,4-Dioxane
Concen: 41.367 ng
RT: 2.84 min Scan# 128
Delta R.T. 0.14 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

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

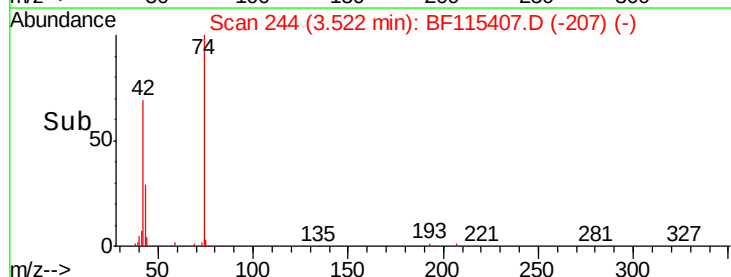
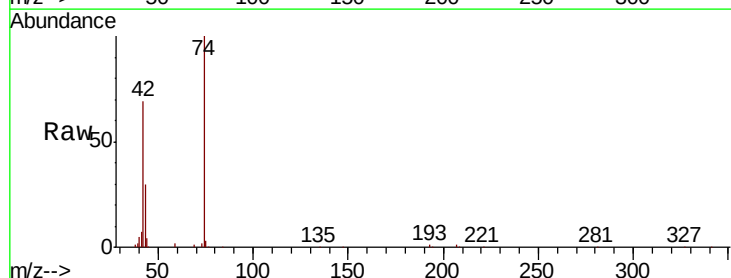
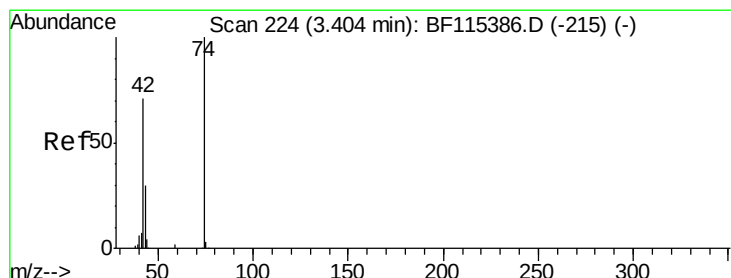
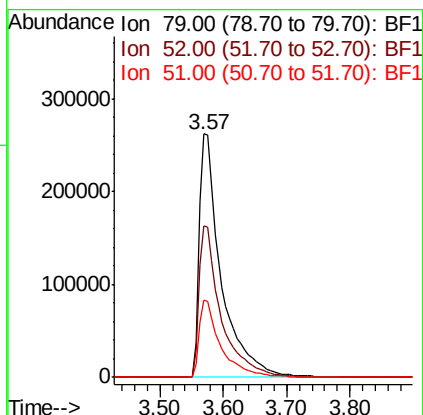




#3
 Pvridine
 Concen: 38.450 ng
 RT: 3.57 min Scan# 252
 Delta R.T. 0.12 min
 Lab File: BF115407.D
 Acq: 8 Jul 2019 15:54

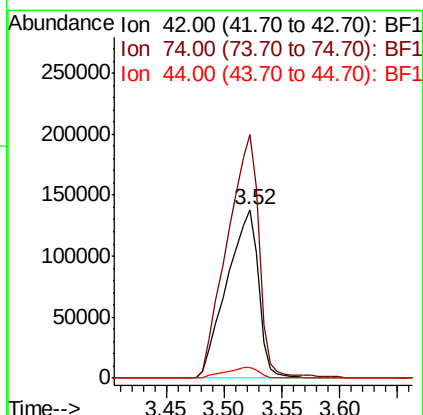
Instrument :
 BNA_E
 ClientSampleId :

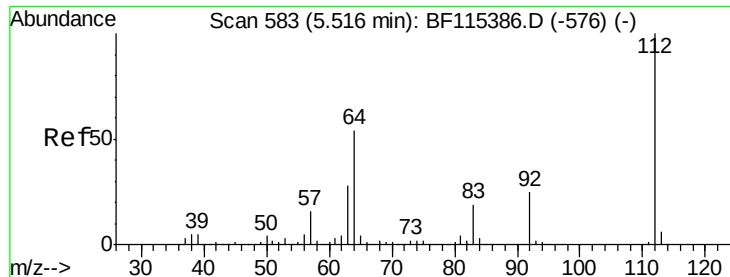
Tot Ion: 79 Resp: 623842
 Ion Ratio Lower Upper
 79 100
 52 62.4 50.9 76.3
 51 31.6 25.8 38.6



#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





#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 :

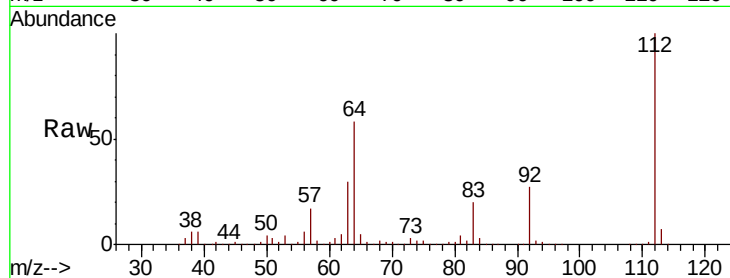
Tot Ion:112 Resp: 1433004

Ion Ratio Lower Upper

112 100

64 57.8 43.0 64.6

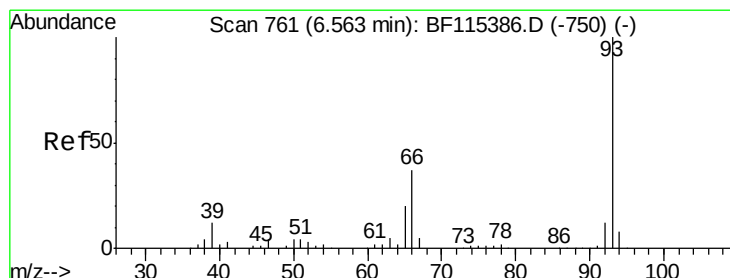
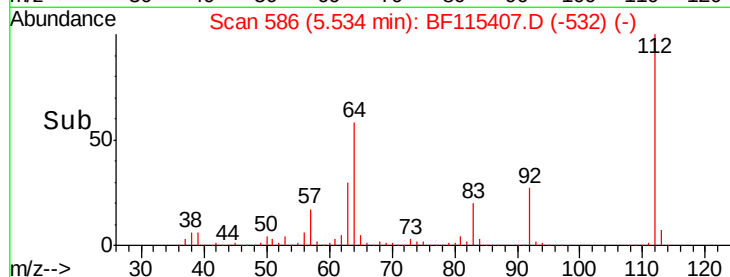
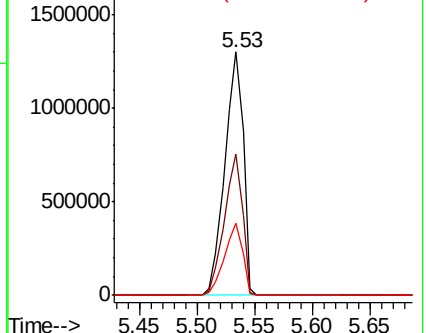
63 29.5 22.2 33.2



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

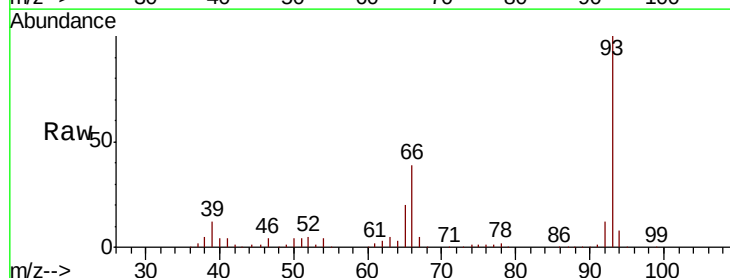
Tgt Ion: 93 Resp: 675229

Ion Ratio Lower Upper

93 100

66 39.1 30.8 46.2

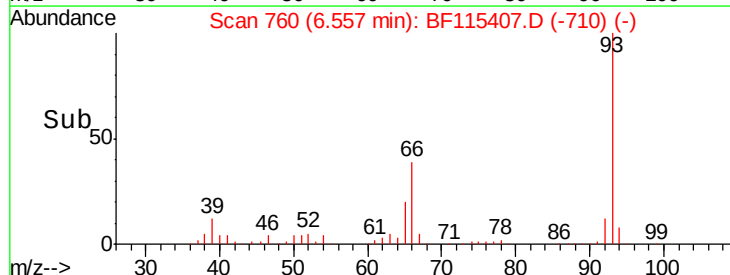
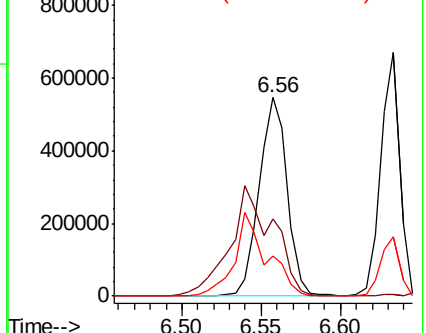
65 20.0 16.0 24.0

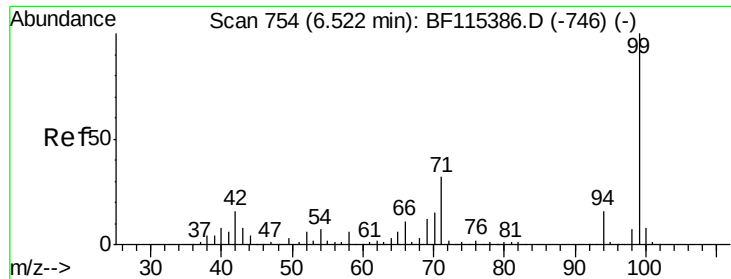


Abundance Ion 93.00 (92.70 to 93.70): BF1

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 :

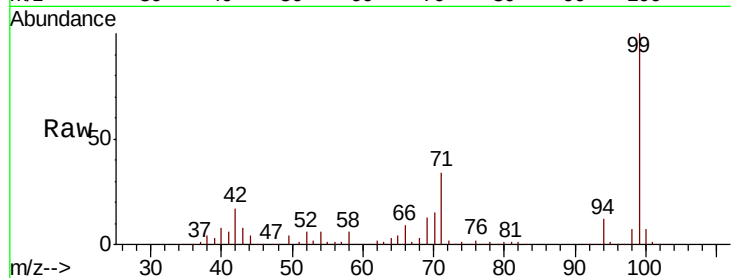
Tot Ion: 99 Resp: 1817779

Ion Ratio Lower Upper

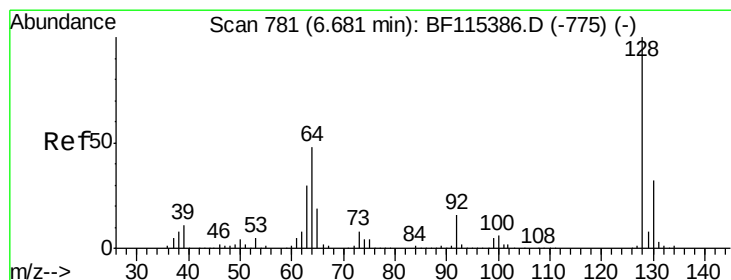
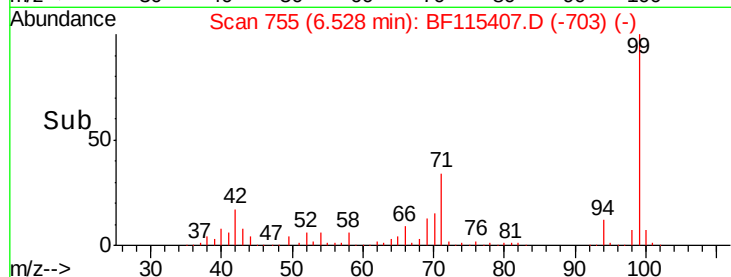
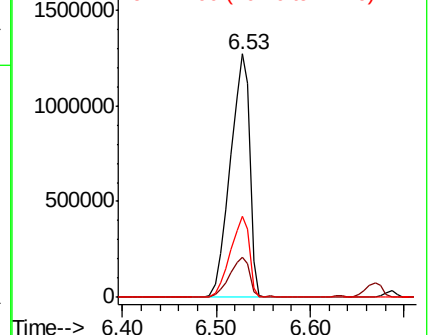
99 100

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

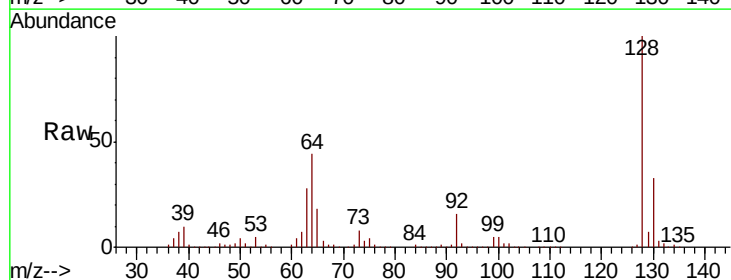
Tgt Ion:128 Resp: 574418

Ion Ratio Lower Upper

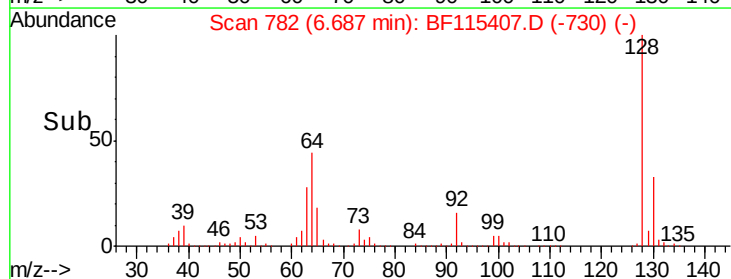
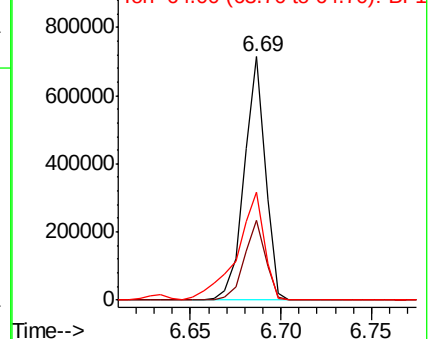
128 100

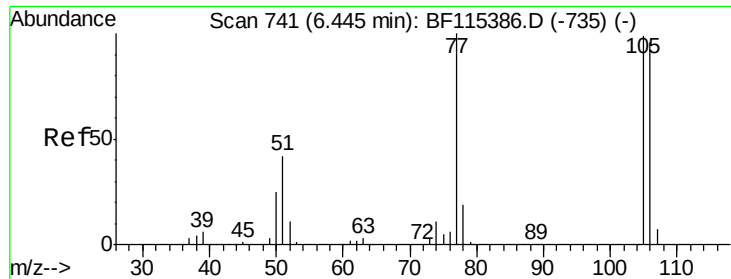
130 32.8 12.4 52.4

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

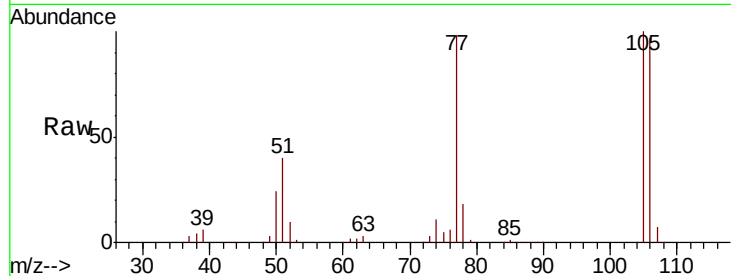




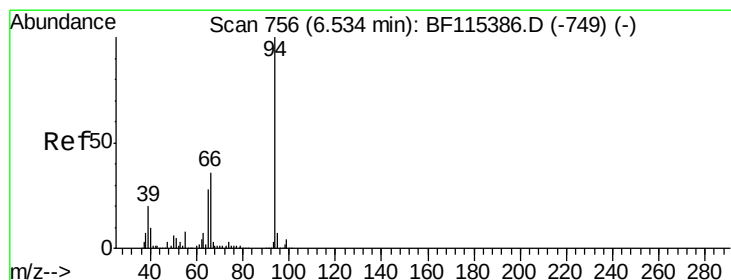
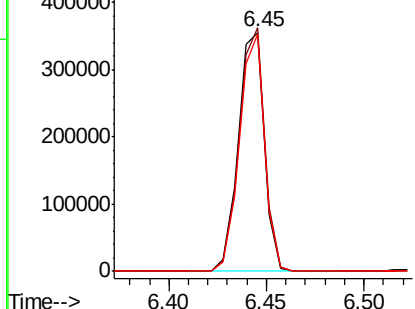
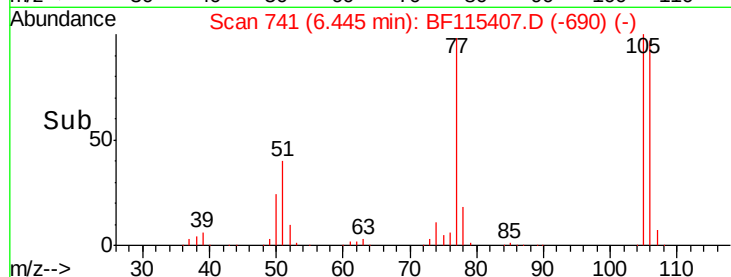
#9
Benzaldehyde
Concen: 36.847 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Instrument :
BNA_E
ClientSampleId :

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

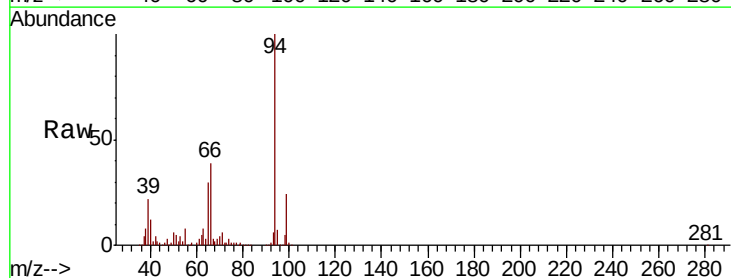


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

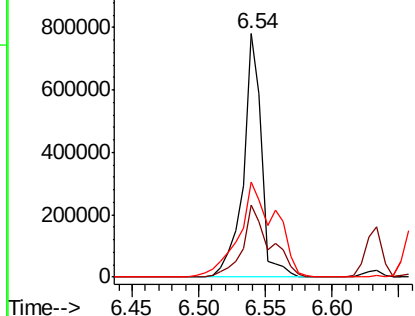
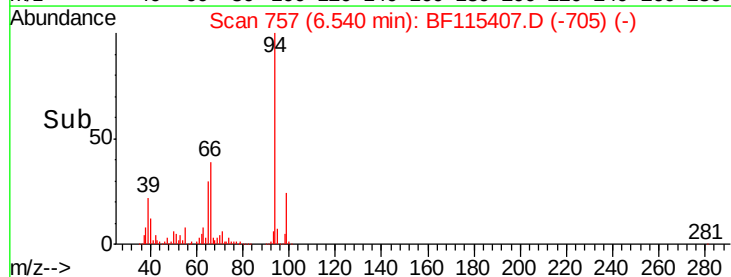


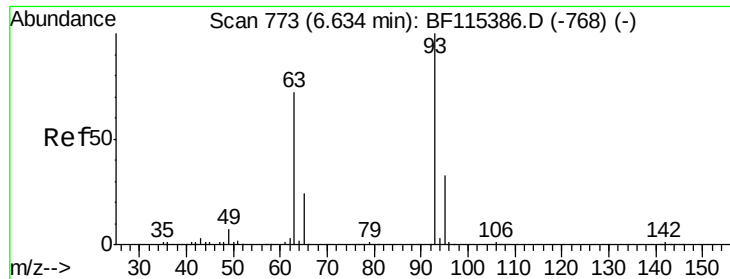
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Phenol
Concen: 40.281 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.01 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

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



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

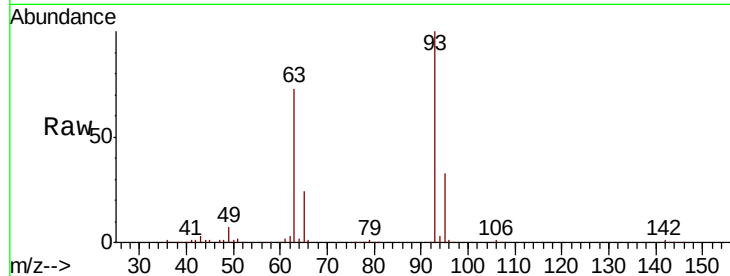




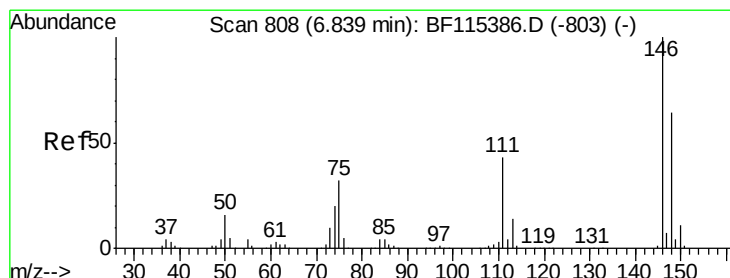
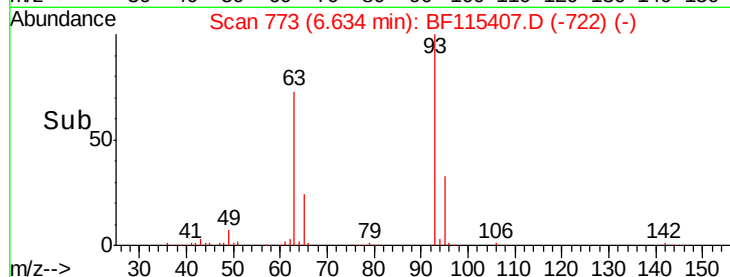
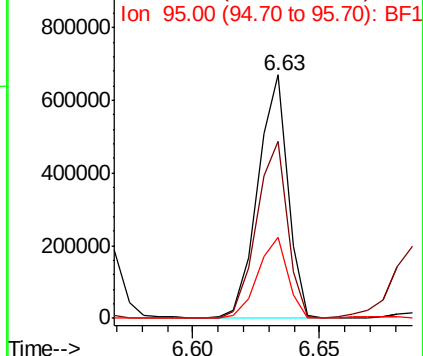
#11
 bis(2-Chloroethyl)ether
 Concen: 41.117 ng
 RT: 6.63 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF115407.D
 Acq: 8 Jul 2019 15:54

Instrument :
 BNA_E
 ClientSampled :

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

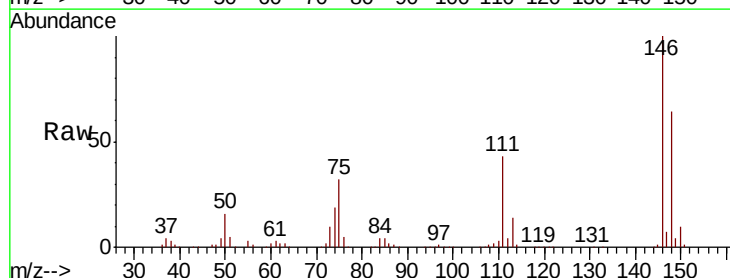


Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1

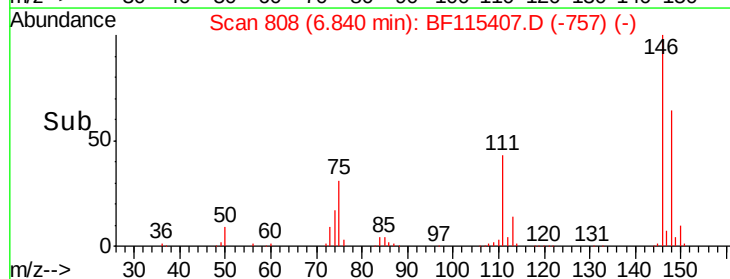
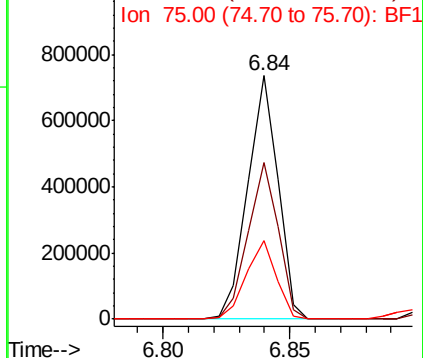


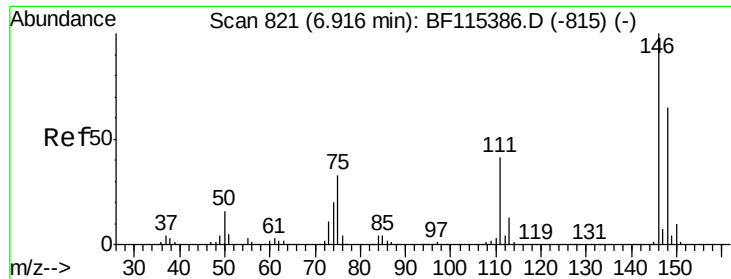
#12
 1,3-Dichlorobenzene
 Concen: 41.437 ng
 RT: 6.84 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF115407.D
 Acq: 8 Jul 2019 15:54

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

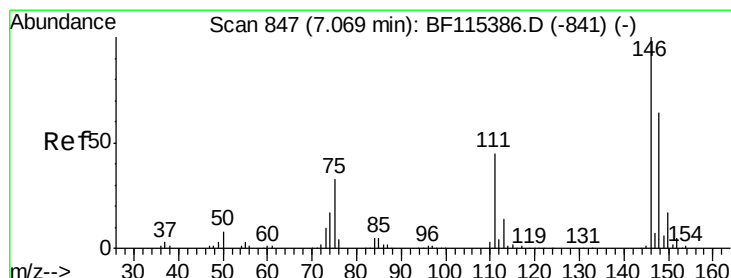
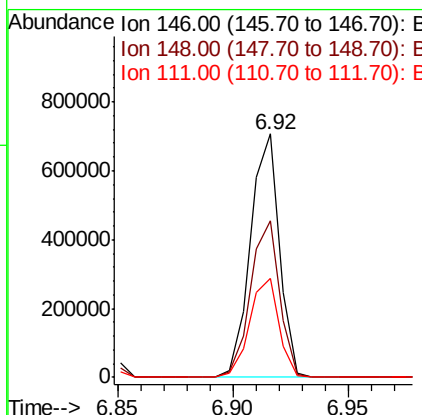
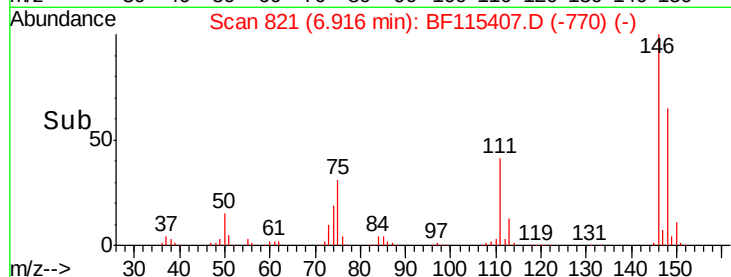
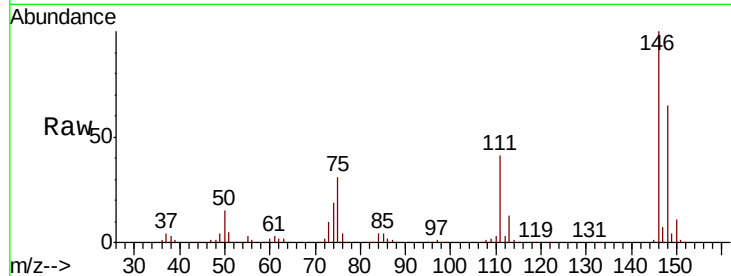




#13
 1,4-Dichlorobenzene
 Concen: 41.985 ng
 RT: 6.92 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF115407.D
 Acq: 8 Jul 2019 15:54

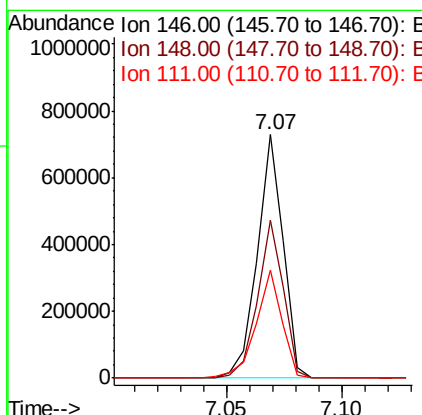
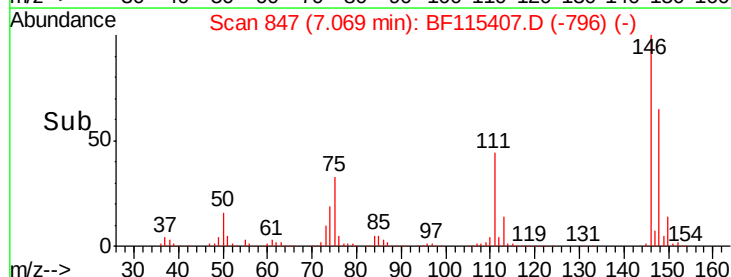
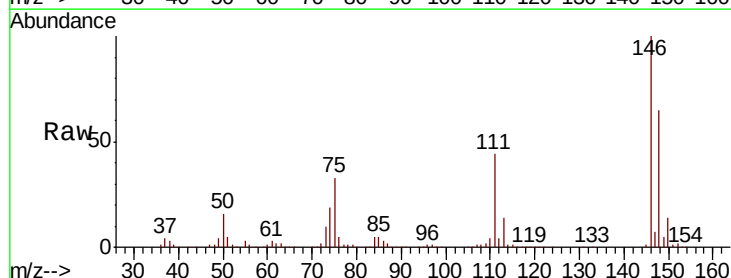
Instrument :
 BNA_E
 ClientSampled :

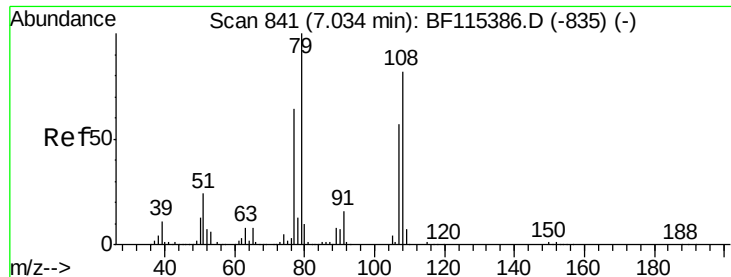
Tot Ion:146 Resp: 622362
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.3 78.5
 111 40.5 33.0 49.4



#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 :

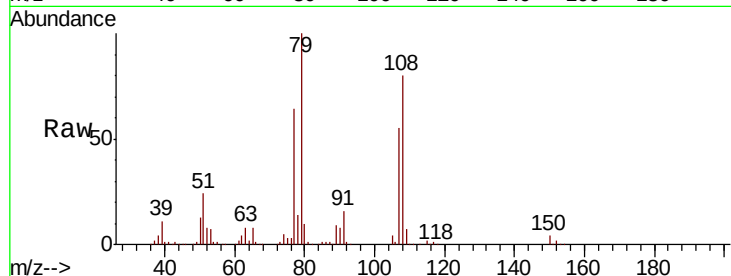
Tot Ion: 79 Resp: 514321

Ion Ratio Lower Upper

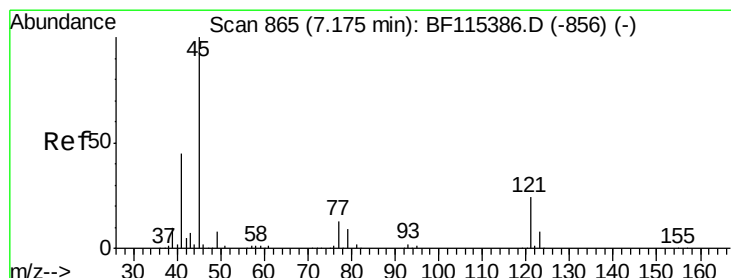
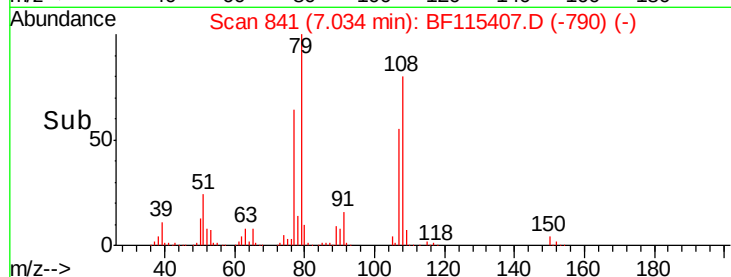
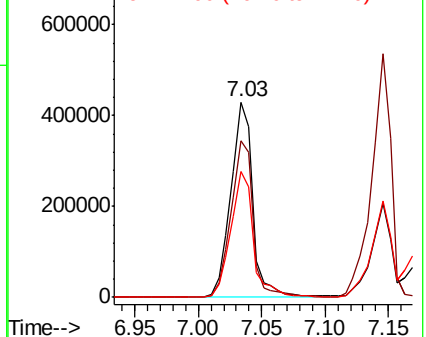
79 100

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

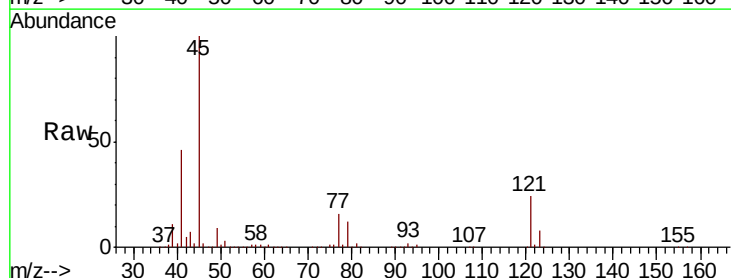
Tgt Ion: 45 Resp: 760045

Ion Ratio Lower Upper

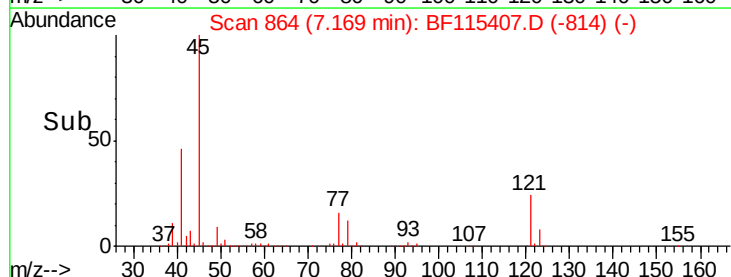
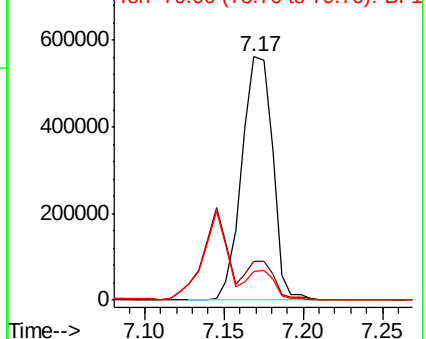
45 100

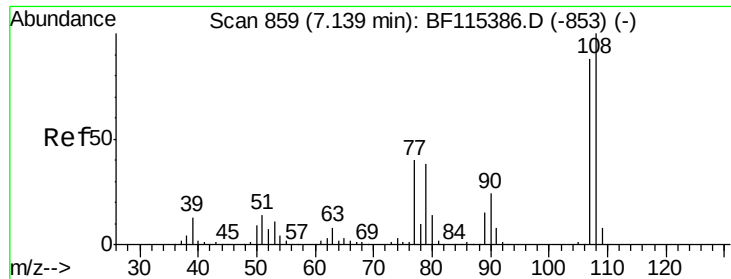
77 16.0 0.0 36.0

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

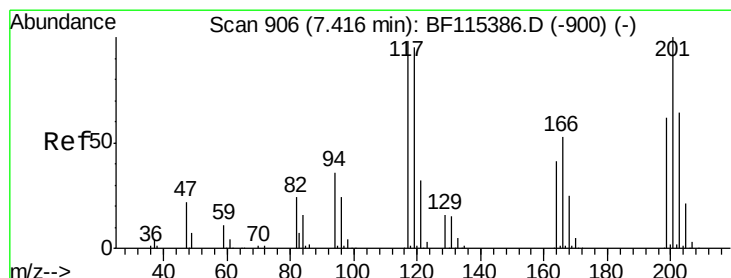
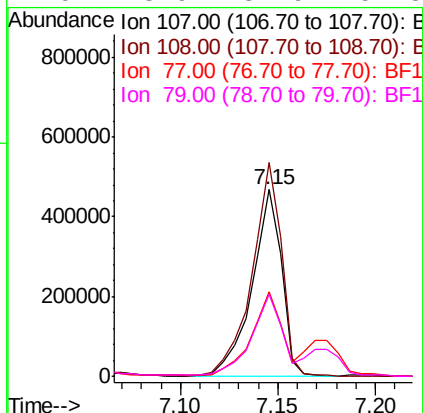
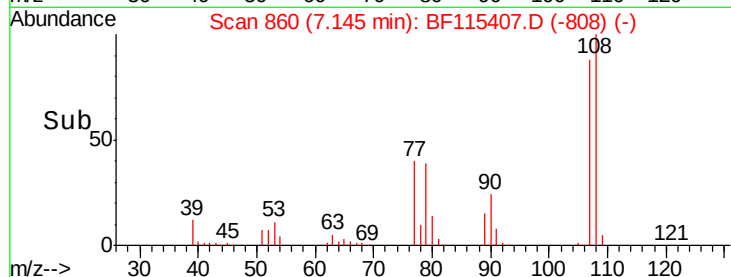
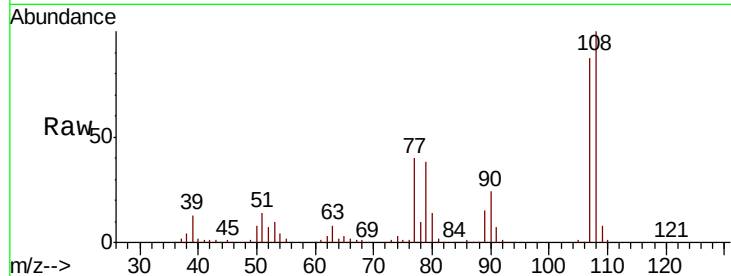




#17
2-Methylphenol
Concen: 42.028 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

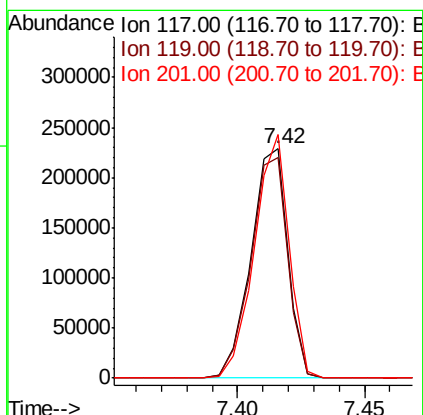
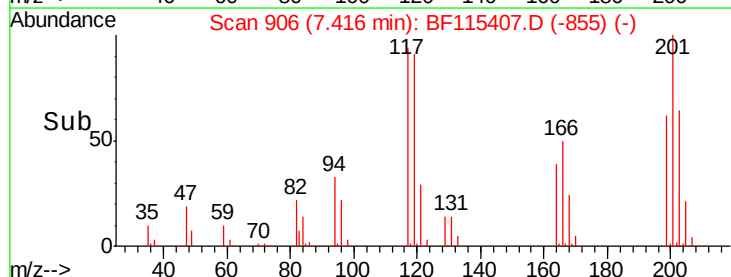
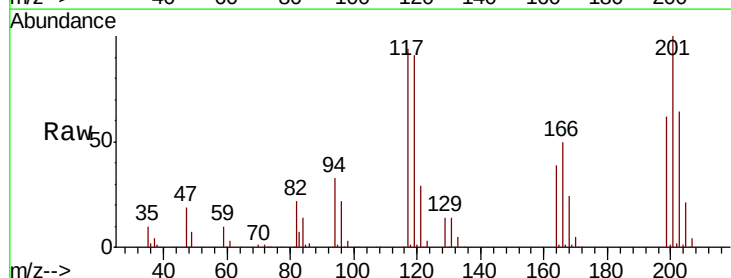
Instrument :
BNA_E
ClientSampleId :

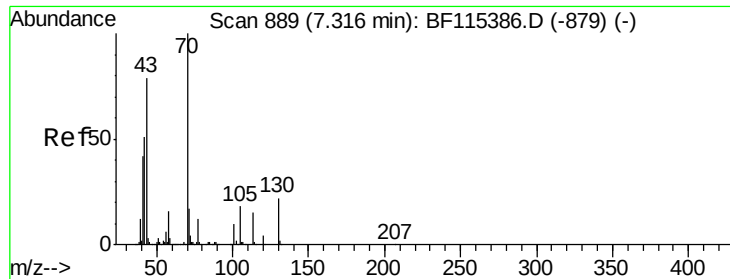
Tot Ion:107 Resp: 486355
Ion Ratio Lower Upper
107 100
108 114.5 90.7 136.1
77 45.4 36.3 54.5
79 43.9 34.9 52.3



#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

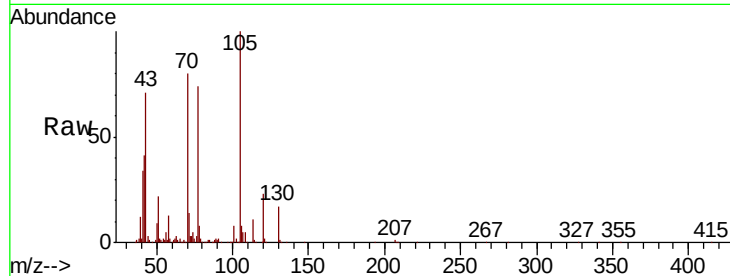




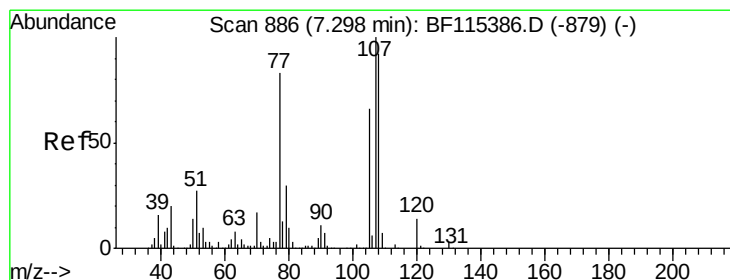
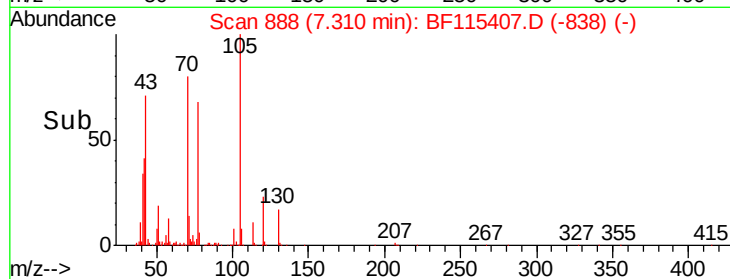
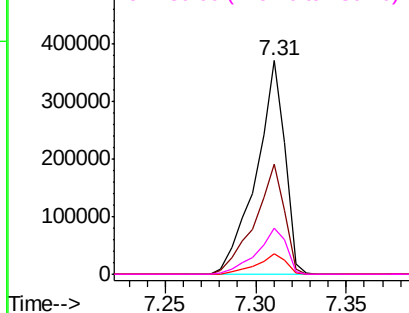
#19
n-Nitroso-di-n-propylamine
Concen: 39.814 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Instrument :
BNA_E
ClientSampleId :

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



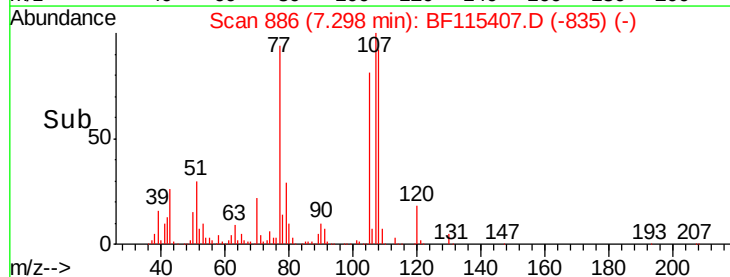
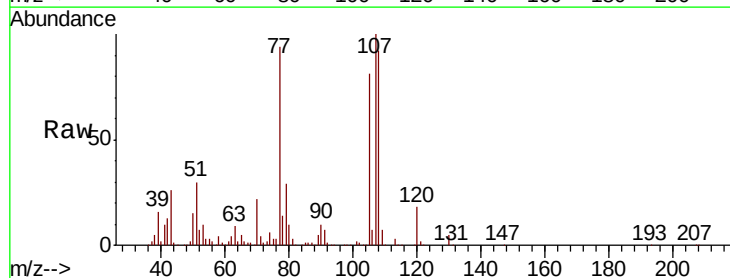
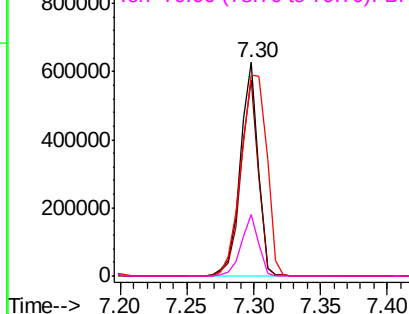
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

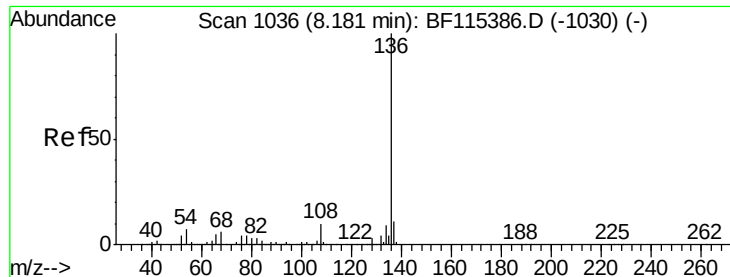


#20
3+4-Methylphenols
Concen: 42.958 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

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

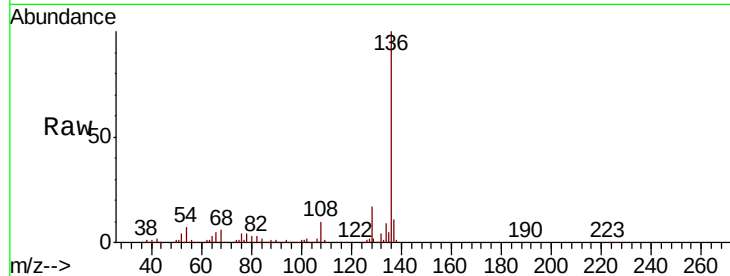




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Instrument :
BNA_E
ClientSampleId :

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



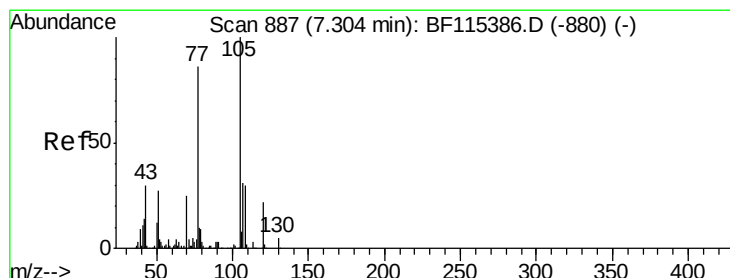
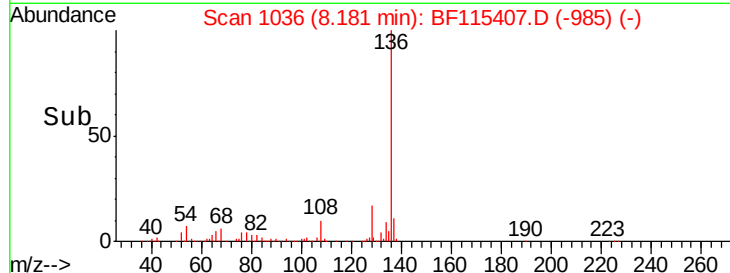
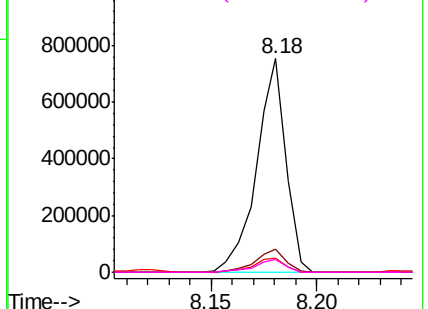
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

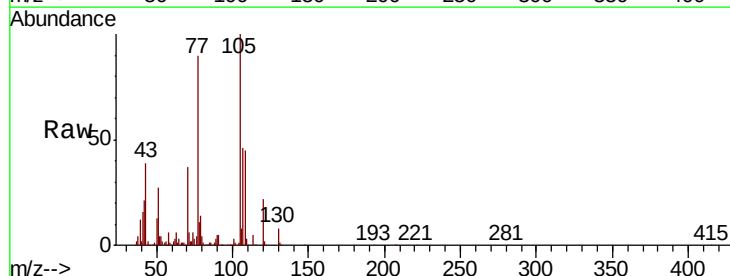
Ion 54.00 (53.70 to 54.70): BF1

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



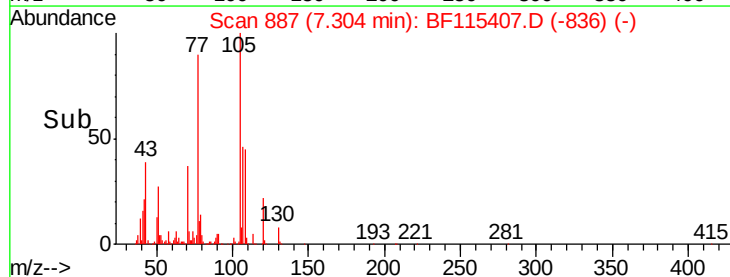
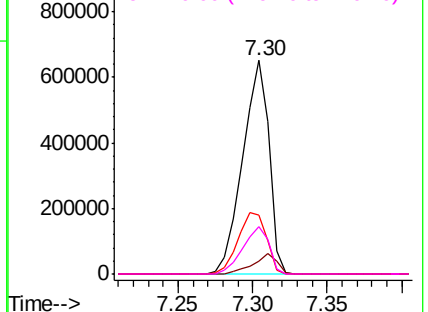
Abundance

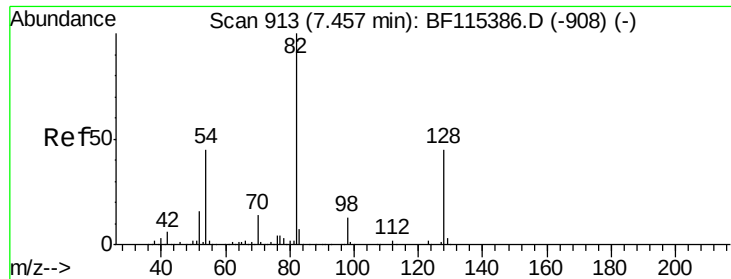
Ion 105.00 (104.70 to 105.70): E

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

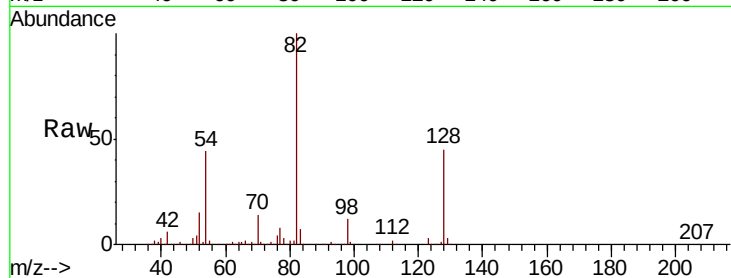




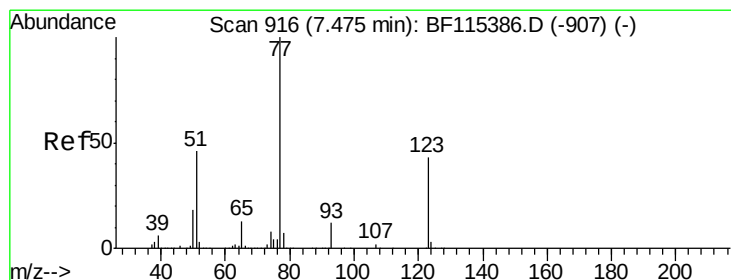
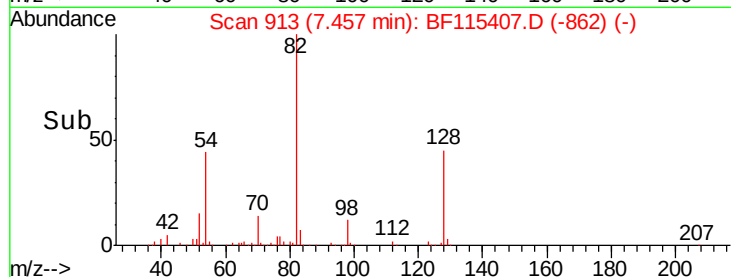
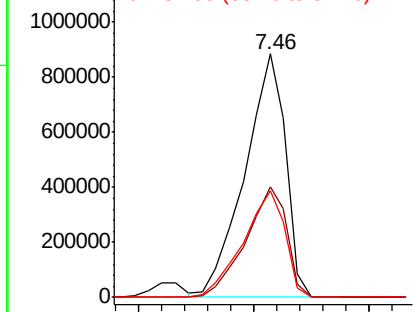
#23
Nitrobenzene-d5
Concen: 88.731 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Instrument :
BNA_E
ClientSampled :

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

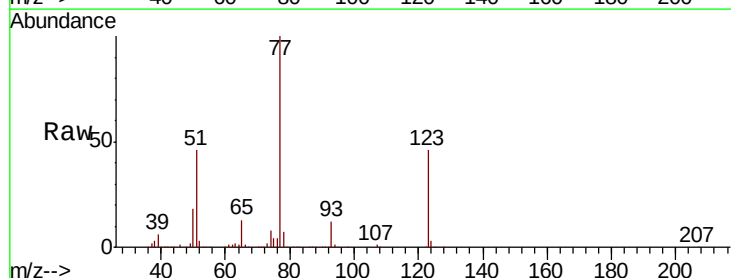


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

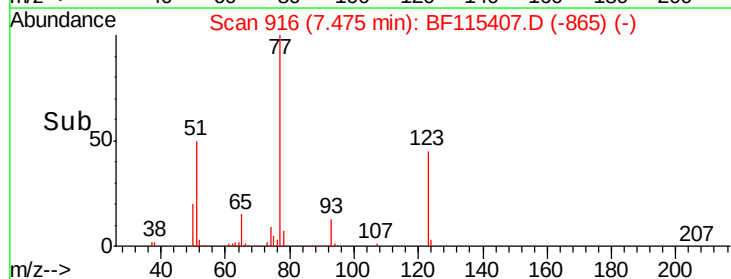
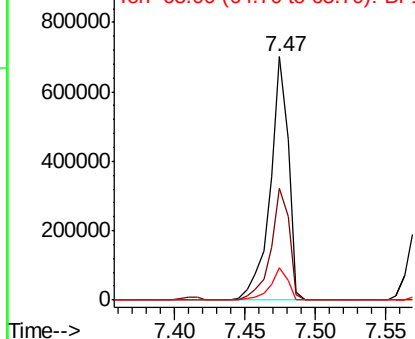


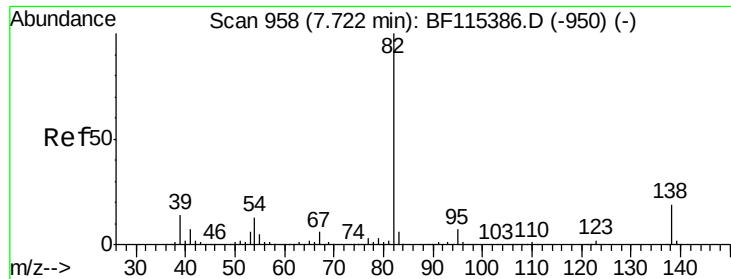
#24
Nitrobenzene
Concen: 45.838 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.00 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

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 :

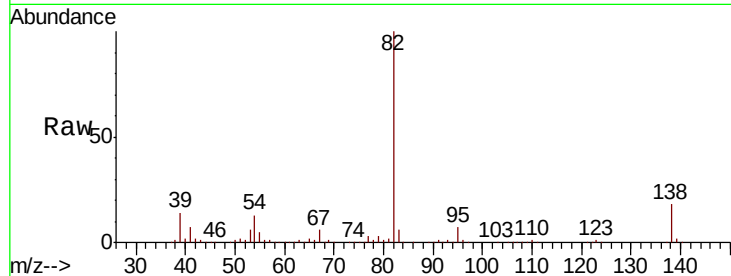
Tot Ion: 82 Resp: 1155335

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.0

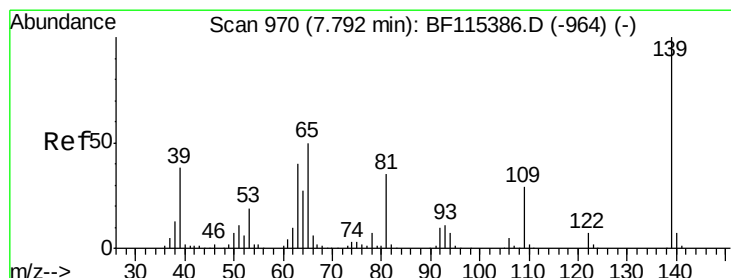
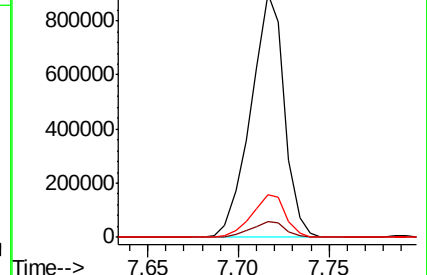
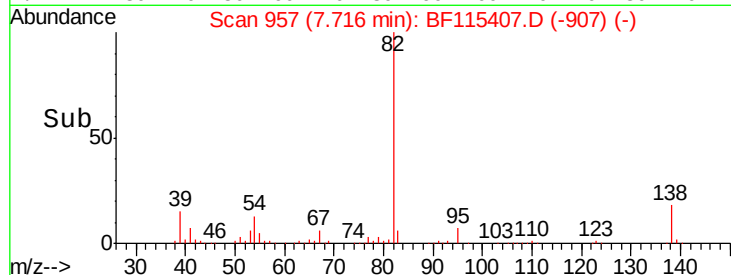
138 17.7 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF115386.D (-950) (-)

Ion 95.00 (94.70 to 95.70): BF115386.D (-950) (-)

Ion 138.00 (137.70 to 138.70): BF115386.D (-950) (-)



#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

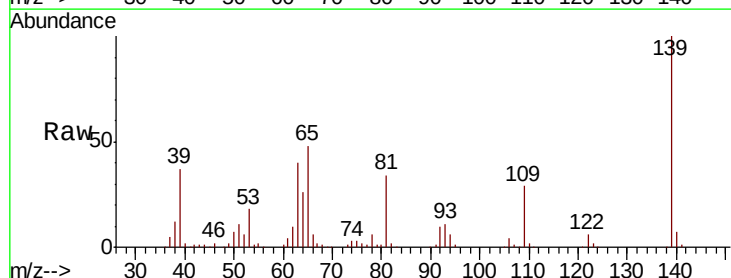
Tgt Ion: 139 Resp: 300130

Ion Ratio Lower Upper

139 100

109 28.6 22.9 34.3

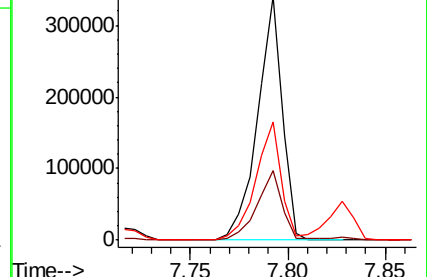
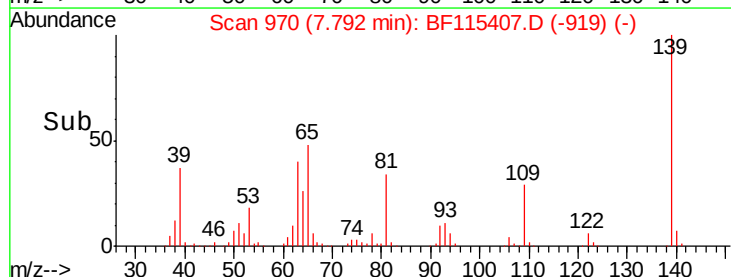
65 48.3 40.2 60.4

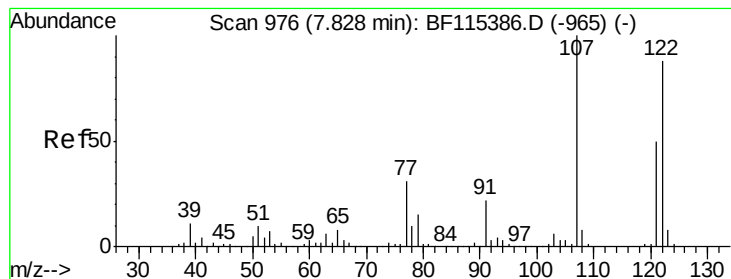


Abundance Ion 139.00 (138.70 to 139.70): BF115386.D (-964) (-)

Ion 109.00 (108.70 to 109.70): BF115386.D (-964) (-)

Ion 65.00 (64.70 to 65.70): BF115386.D (-964) (-)





#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 :

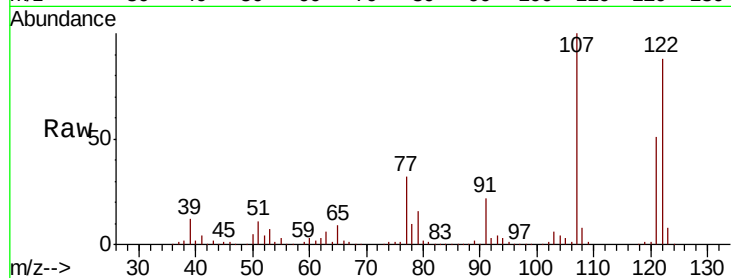
Tot Ion:122 Resp: 555916

Ion Ratio Lower Upper

122 100

107 114.0 91.0 136.6

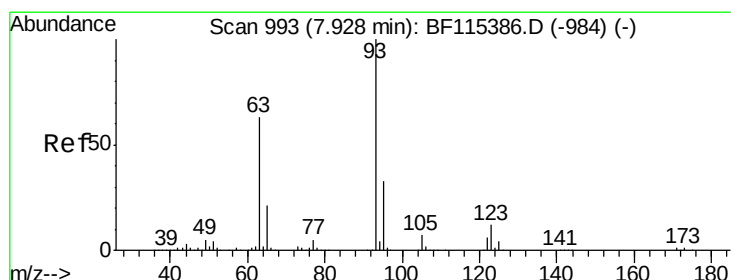
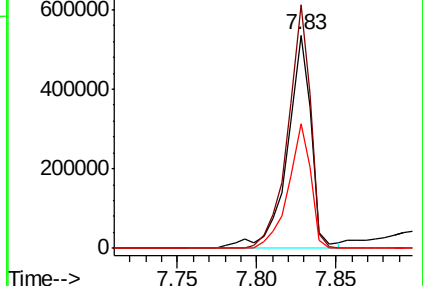
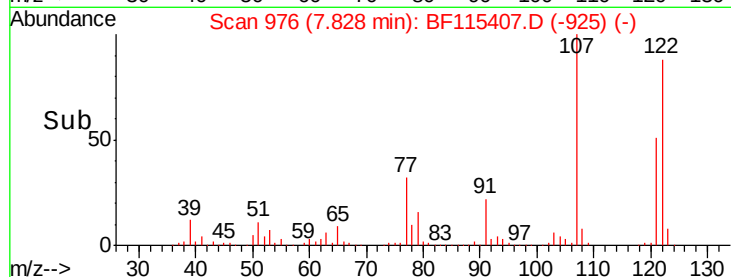
121 58.3 45.9 68.9



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

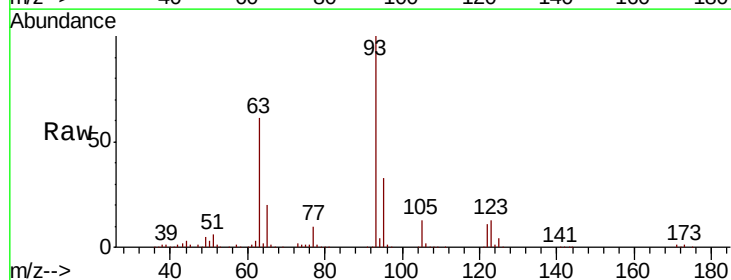
Tgt Ion: 93 Resp: 715080

Ion Ratio Lower Upper

93 100

95 33.5 26.6 39.8

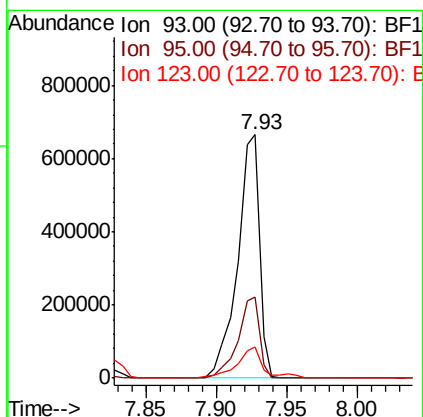
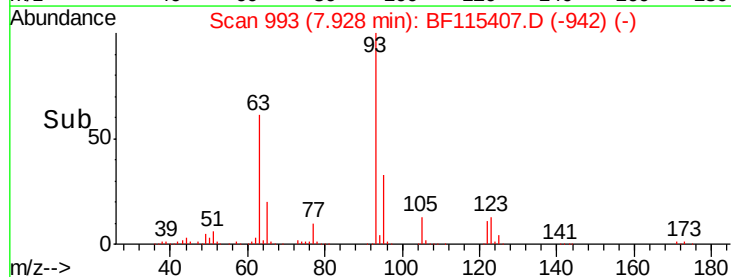
123 12.6 10.0 15.0

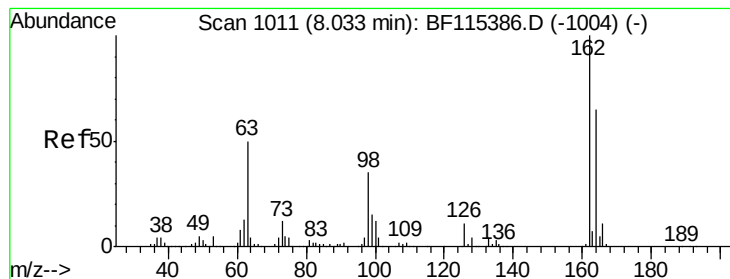


Abundance Ion 93.00 (92.70 to 93.70): BF1

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 :

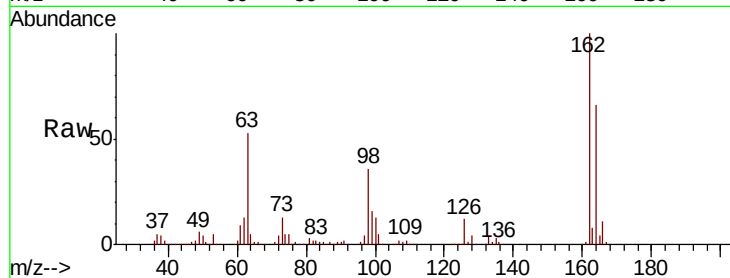
Tot Ion:162 Resp: 492883

Ion Ratio Lower Upper

162 100

164 65.5 44.6 84.6

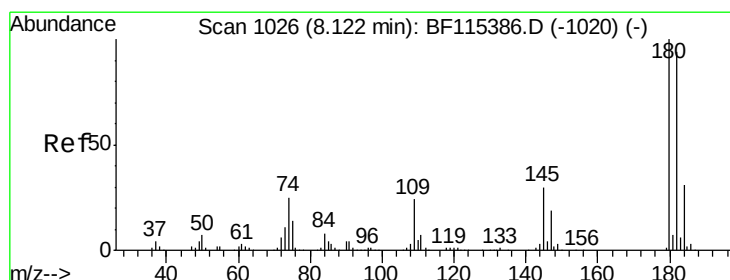
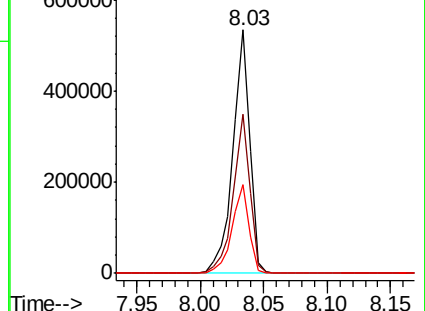
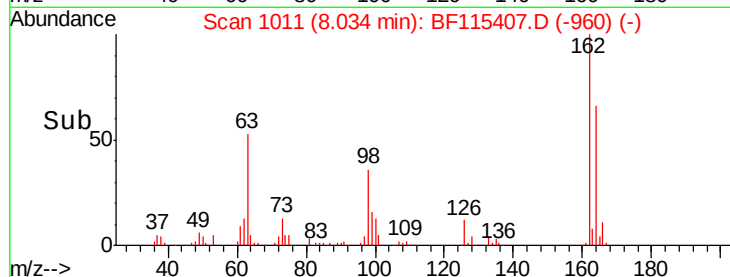
98 36.3 15.0 55.0



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

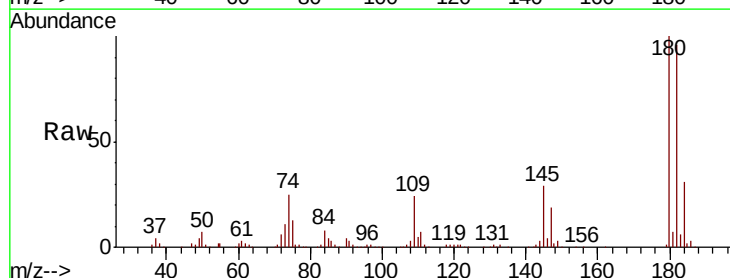
Tgt Ion:180 Resp: 540942

Ion Ratio Lower Upper

180 100

182 95.9 75.6 113.4

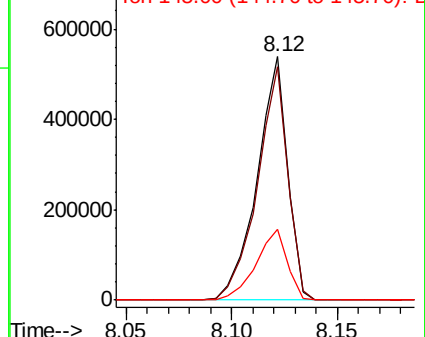
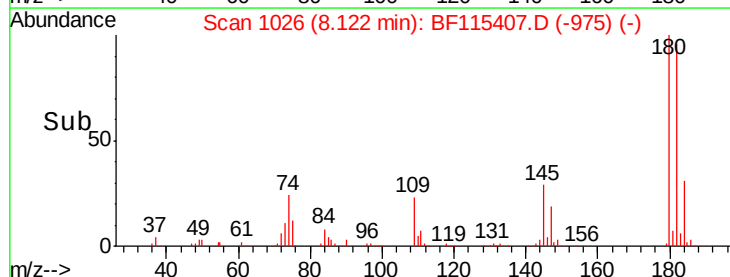
145 29.3 23.8 35.6

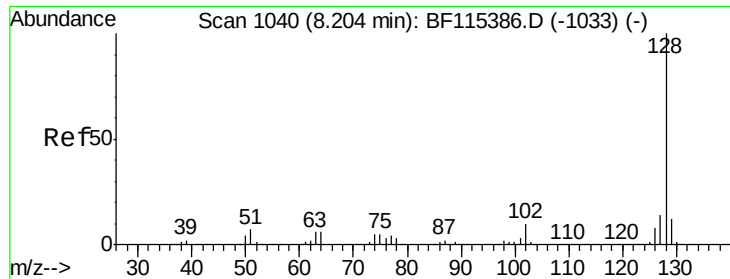


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

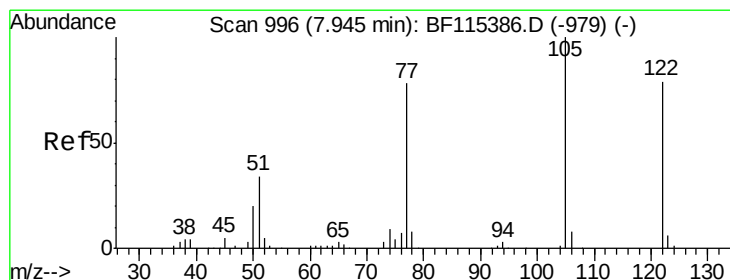
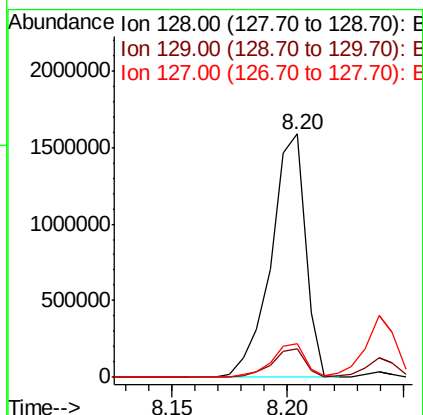
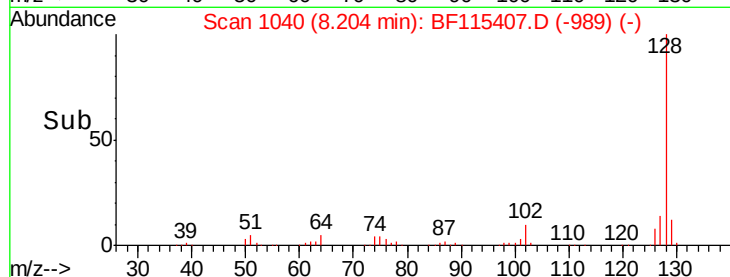
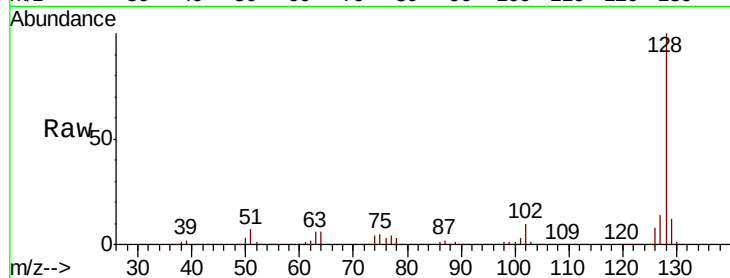




#31
Naphthalene
Concen: 45.636 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

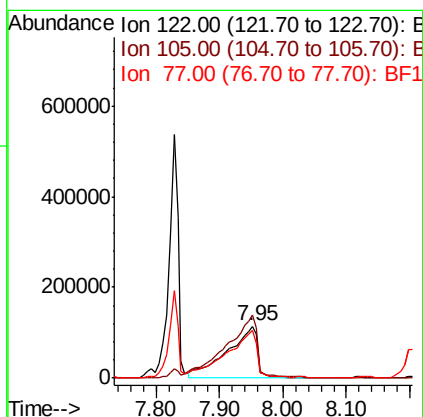
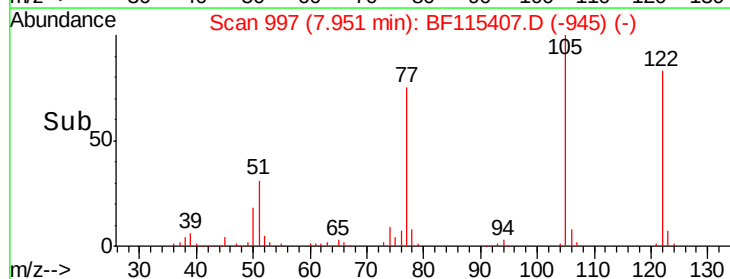
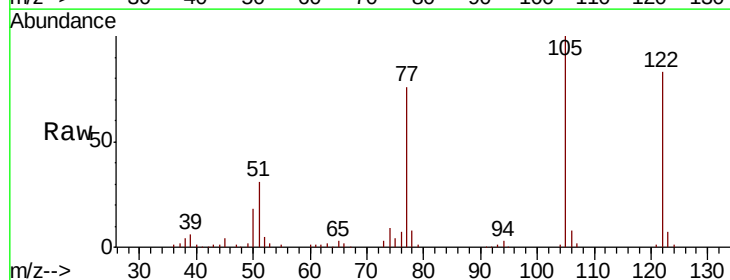
Instrument :
BNA_E
ClientSampleId :

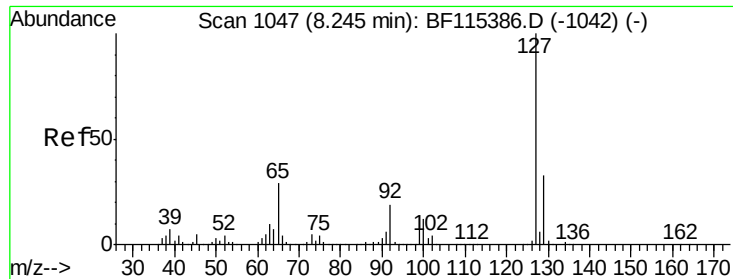
Tot Ion:128 Resp: 1643599
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.2
127 13.9 11.2 16.8



#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

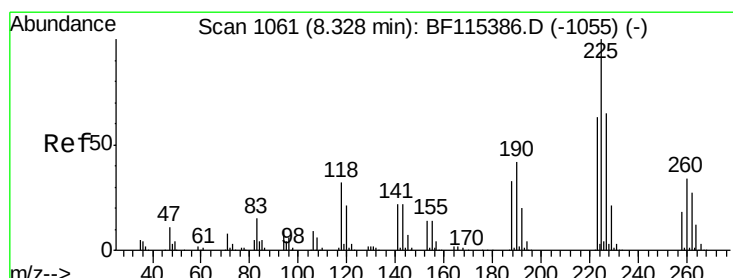
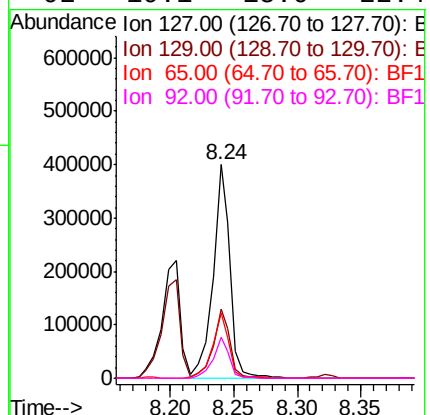
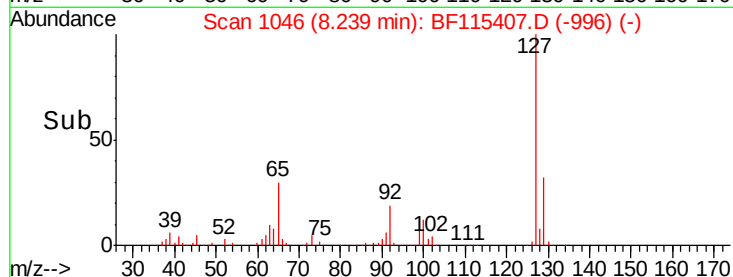
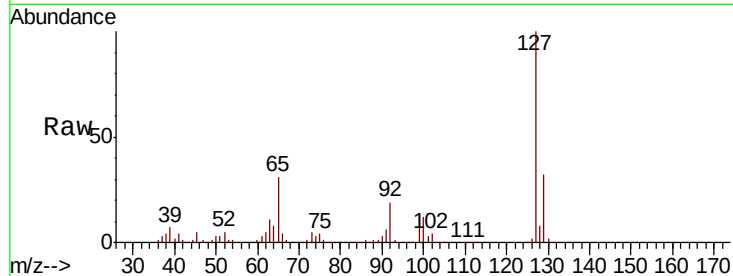




#33
4-Chloroaniline
Concen: 23.284 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

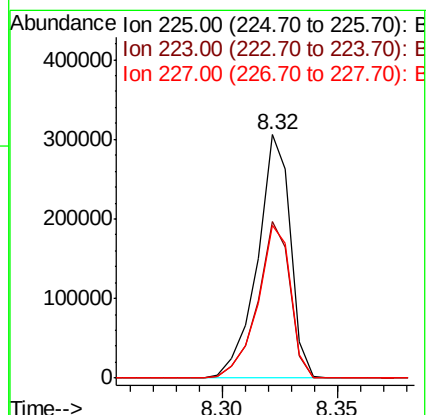
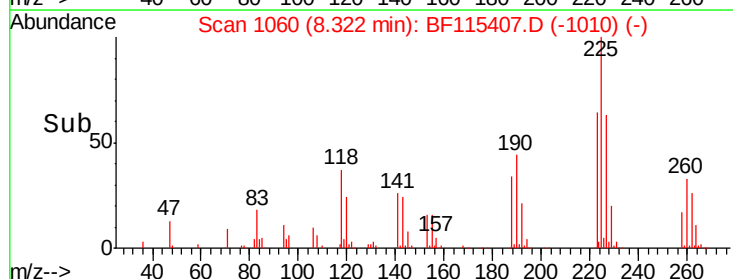
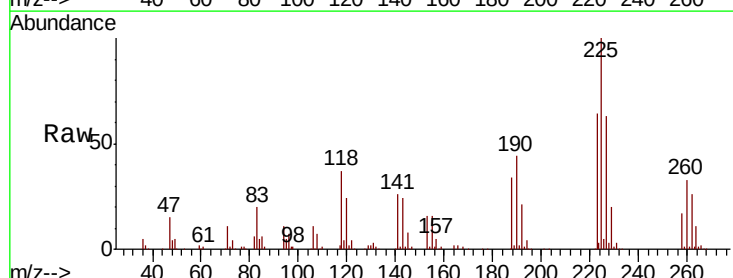
Instrument :
BNA_E
ClientSampleId :

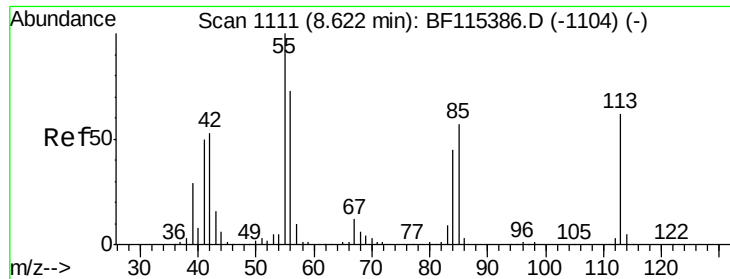
Tot Ion:	127	Resp:	374158
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.5	39.7
65	30.8	23.3	34.9
92	19.1	15.0	22.4



#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

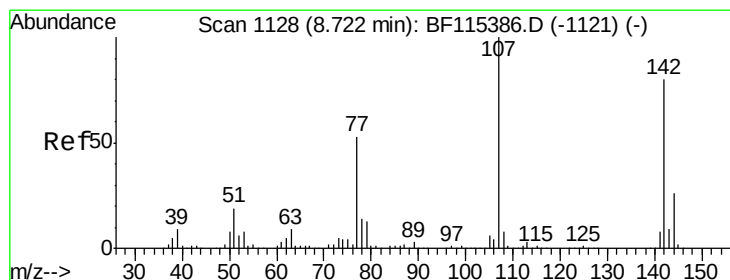
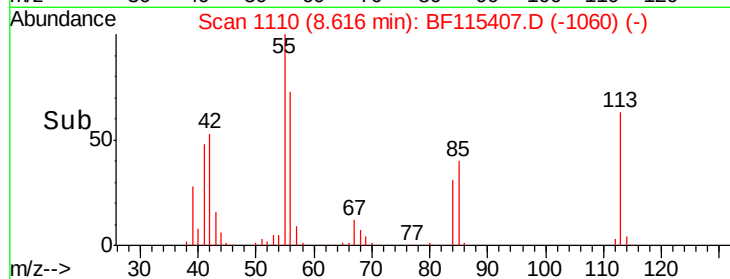
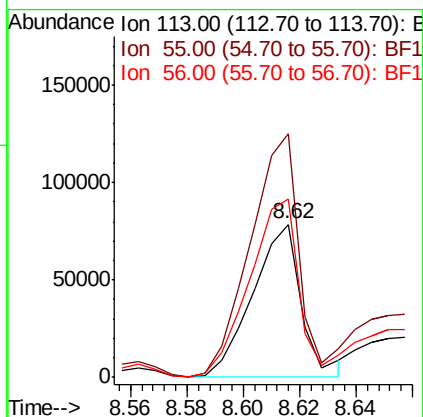
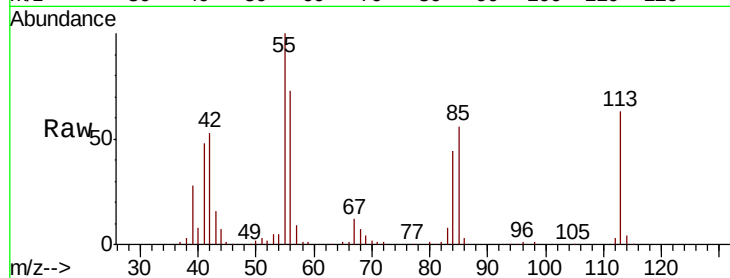




#35
Caprolactam
Concen: 26.683 ng
RT: 8.62 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

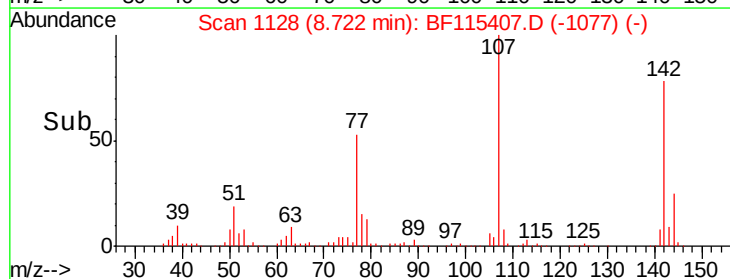
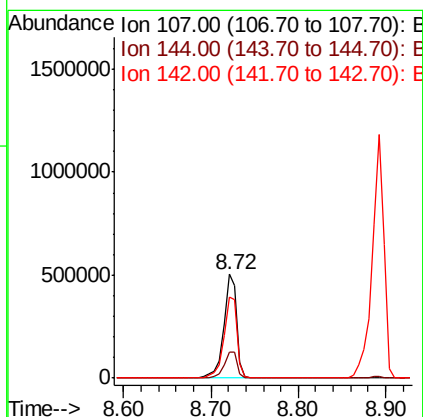
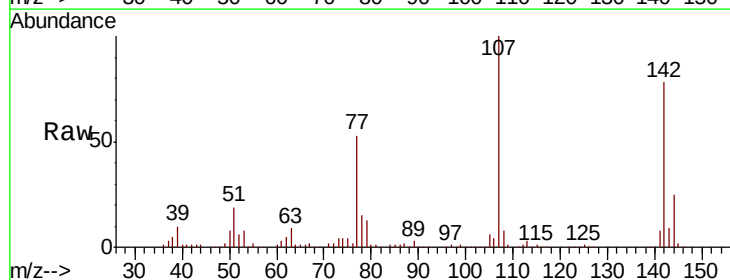
Instrument :
BNA_E
ClientSampleId :

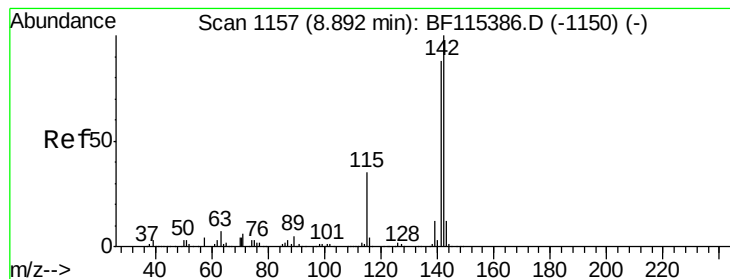
Tot Ion:113 Resp: 94050
Ion Ratio Lower Upper
113 100
55 159.1 141.9 181.9
56 116.4 98.7 138.7



#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 :

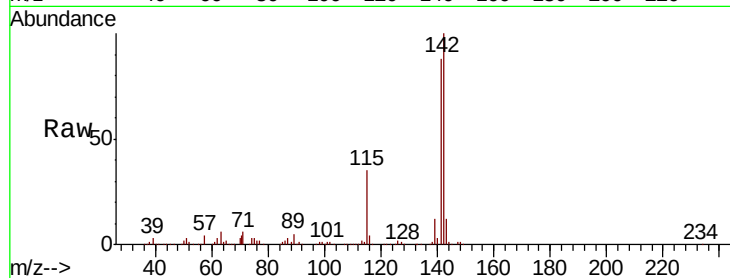
Tot Ion:142 Resp: 1103714

Ion Ratio Lower Upper

142 100

141 87.8 70.6 106.0

115 34.7 27.8 41.8

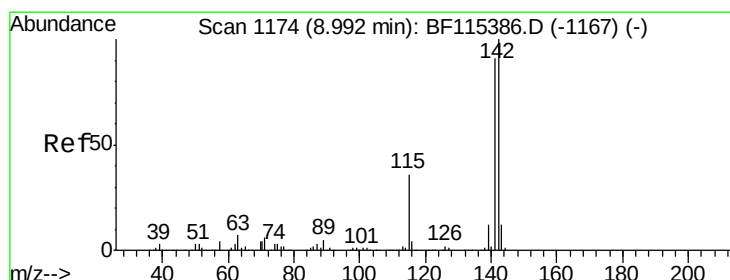
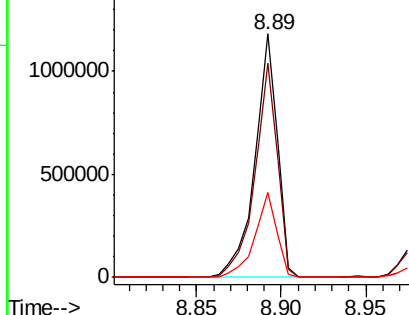
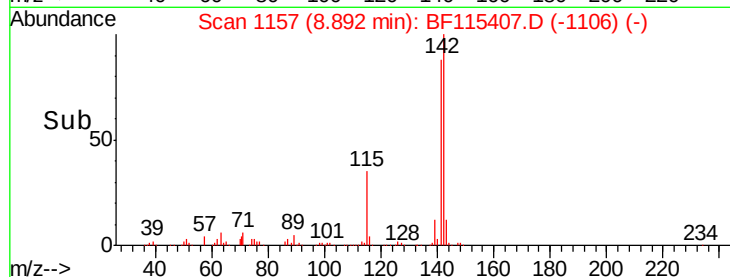


Abundance

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

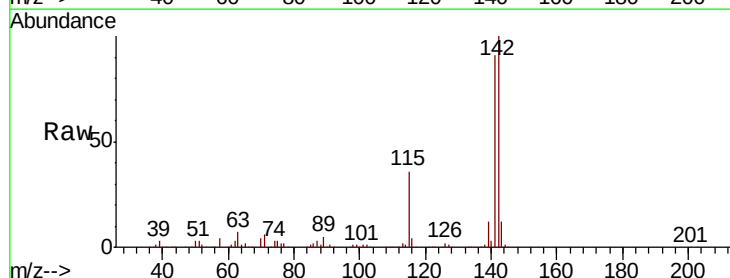
Tgt Ion:142 Resp: 1040857

Ion Ratio Lower Upper

142 100

141 91.2 72.7 109.1

116 3.8 3.0 4.4

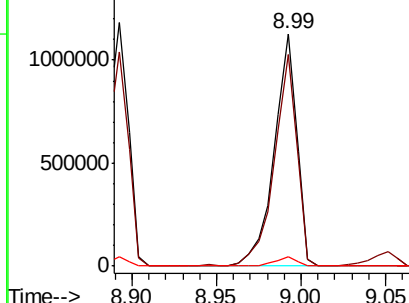
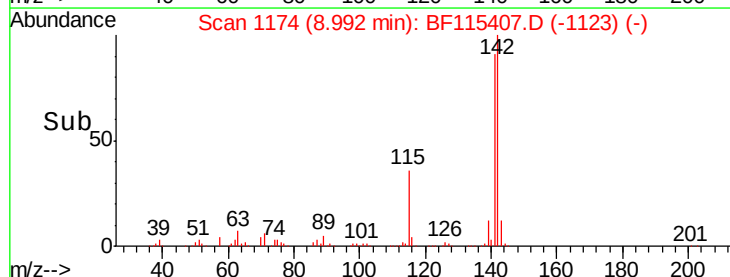


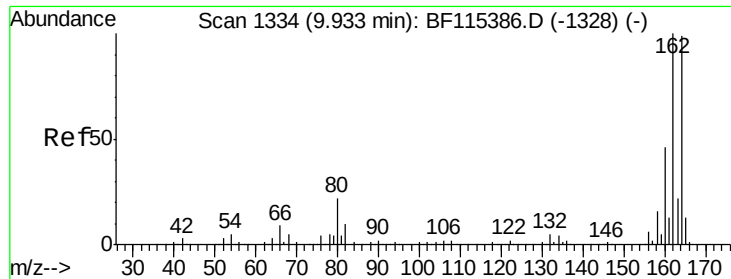
Abundance

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

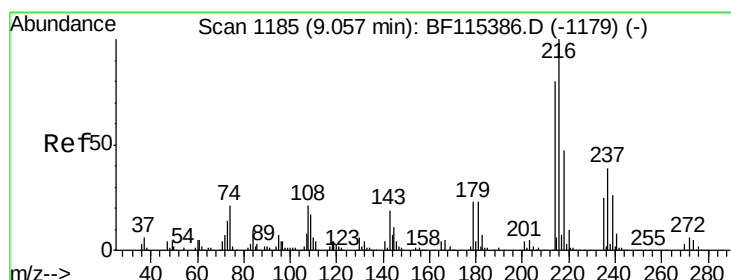
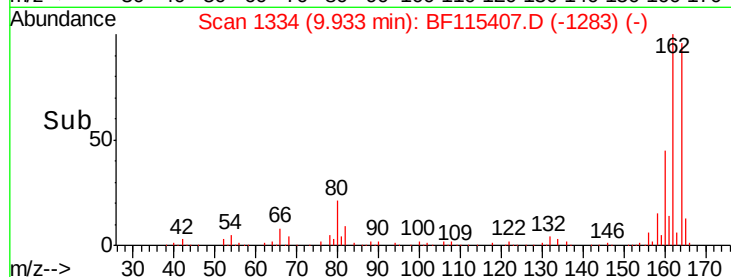
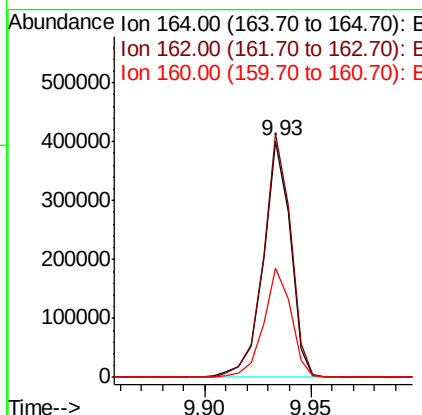
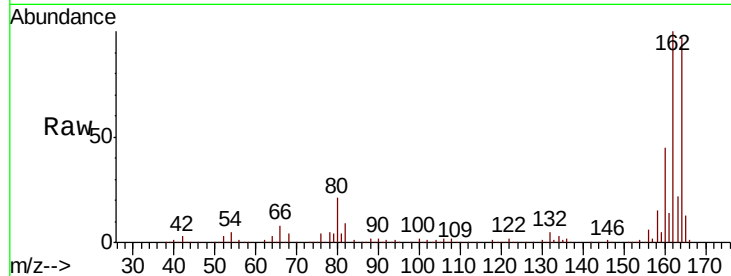




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

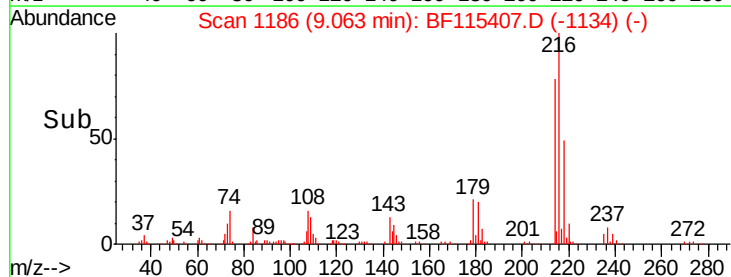
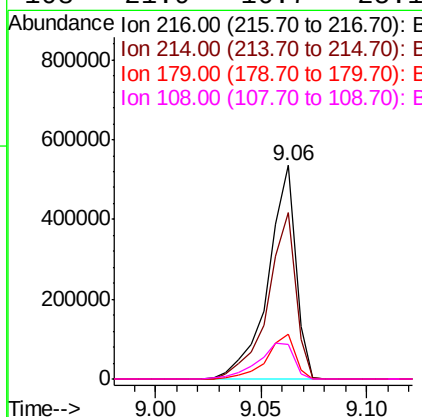
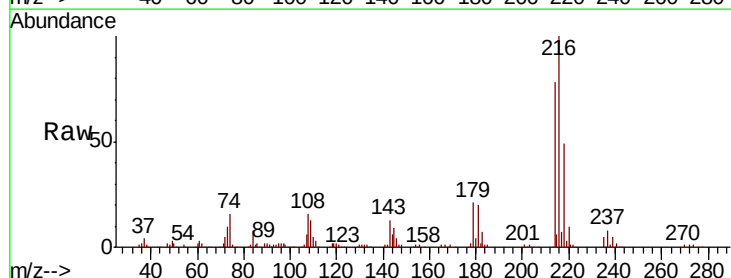
Instrument :
BNA_E
ClientSampled :

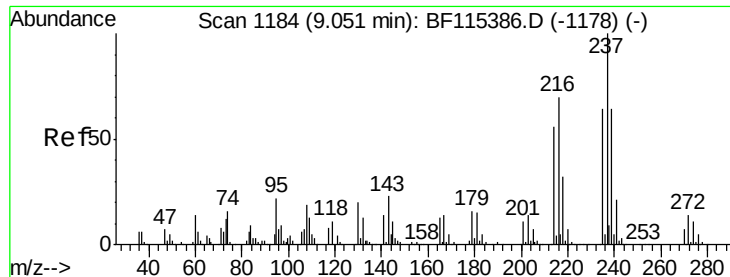
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.9	80.6	121.0
160	46.4	37.0	55.6



#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	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

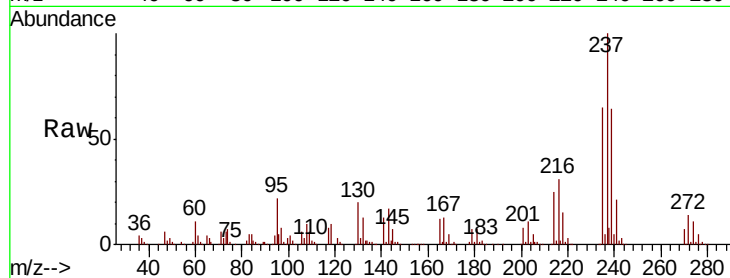




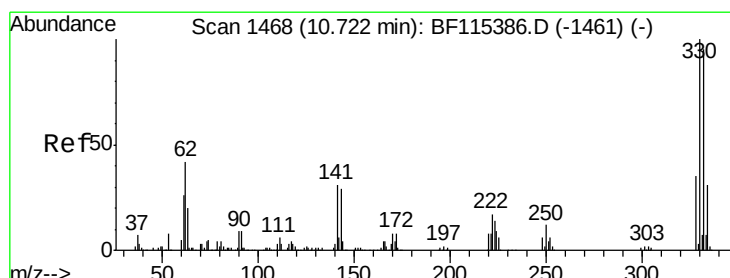
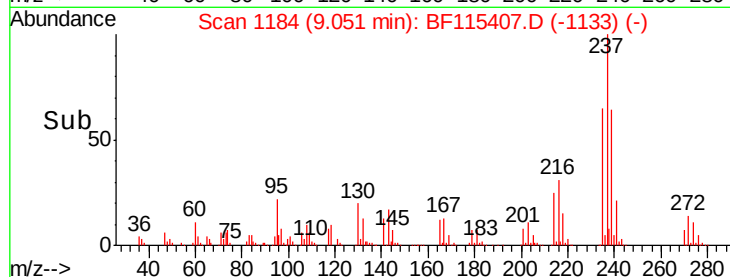
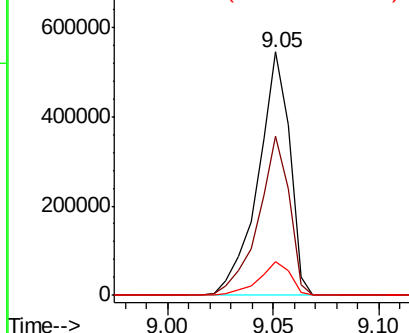
#41
Hexachlorocyclopentadiene
Concen: 94.416 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Instrument :
BNA_E
ClientSampleId :

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

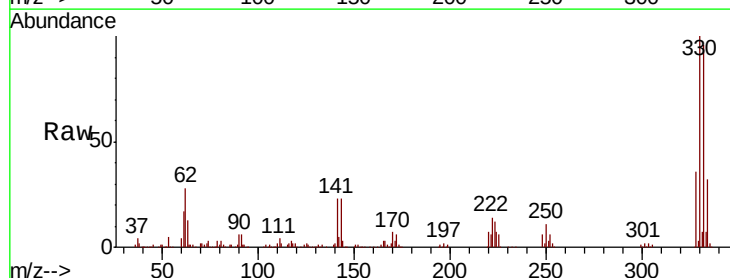


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

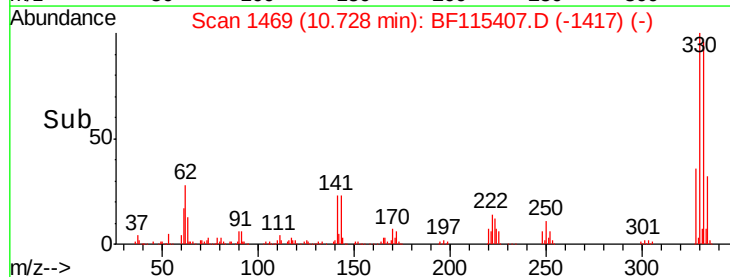
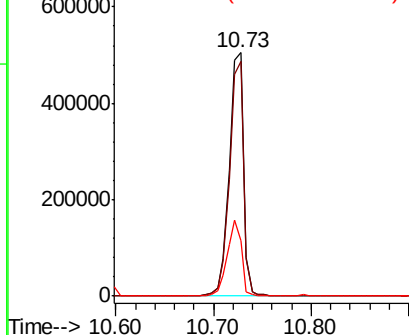


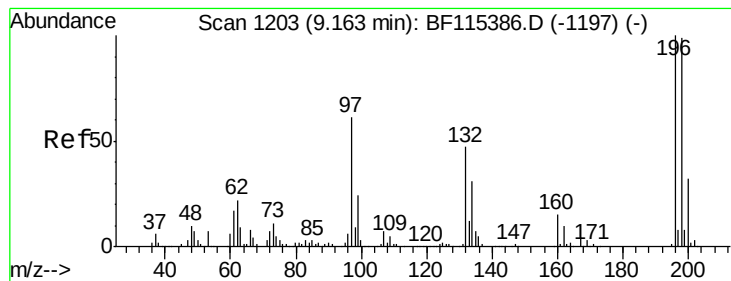
#42
2,4,6-Tribromophenol
Concen: 130.527 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

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

ClientSampled :

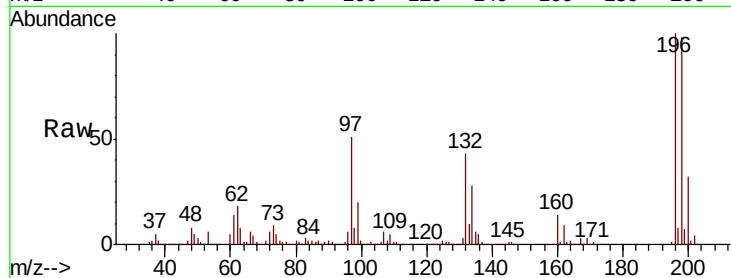
Tot Ion:196 Resp: 350867

Ion Ratio Lower Upper

196 100

198 97.8 79.5 119.3

200 31.9 25.8 38.8

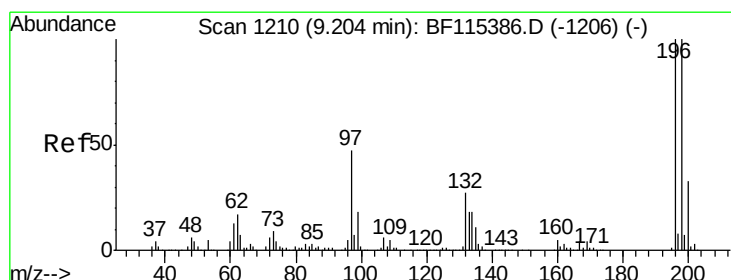
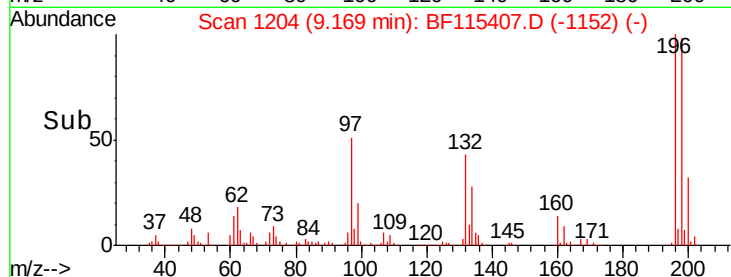
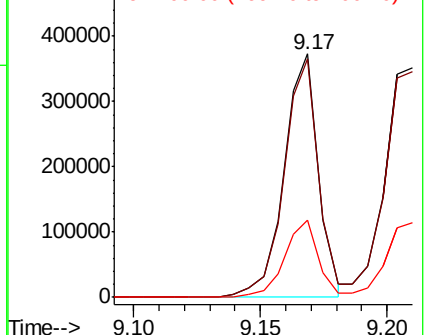


Abundance

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

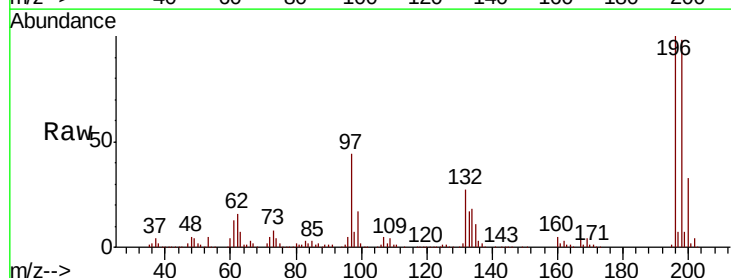
Ion Ratio Lower Upper

196 100

198 98.2 80.3 120.5

97 44.3 38.3 57.5

132 27.1 22.2 33.2



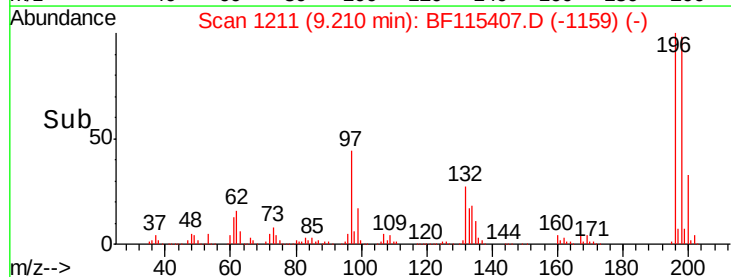
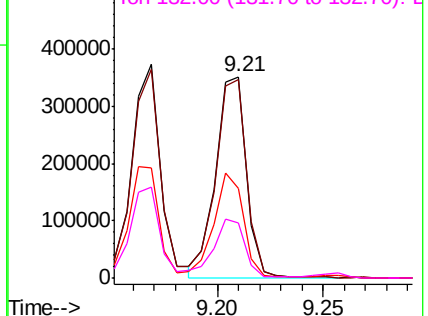
Abundance

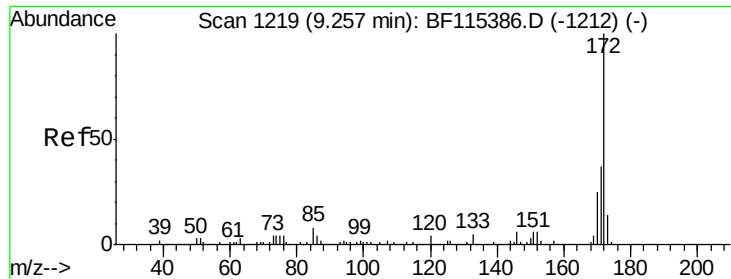
Ion 196.00 (195.70 to 196.70): E

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

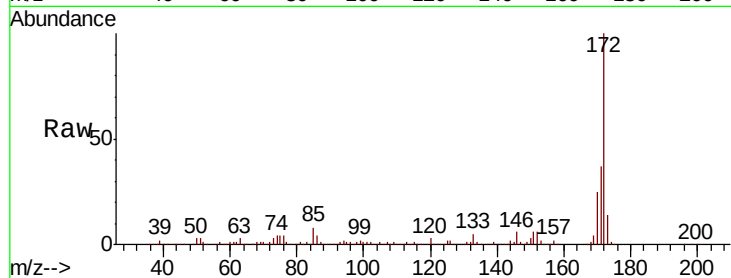




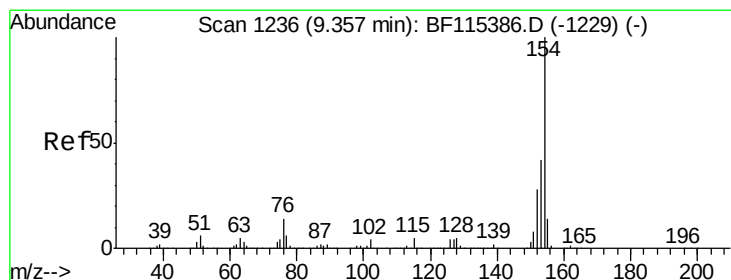
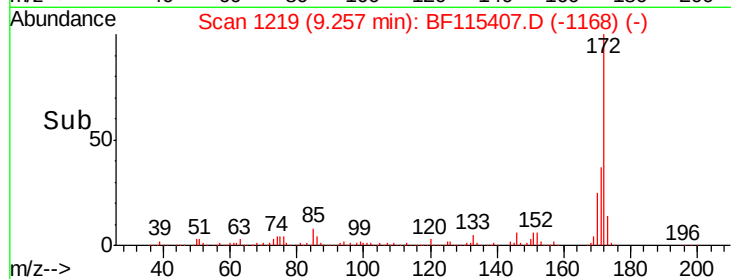
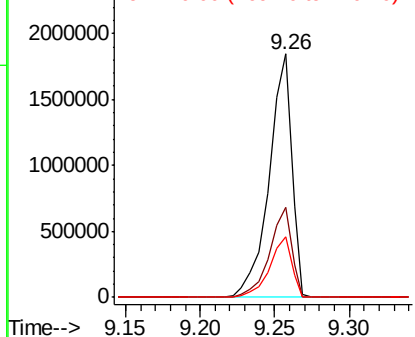
#45
2-Fluorobiphenyl
Concen: 94.324 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Instrument :
BNA_E
ClientSampleId :

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

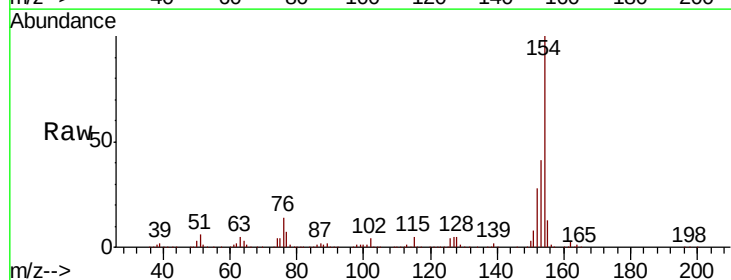


Abundance Ion 172.00 (171.70 to 172.70): E
2500000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

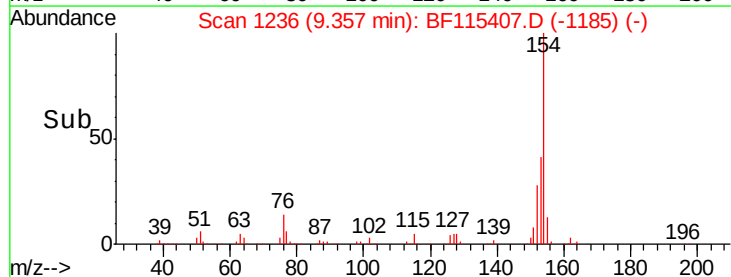
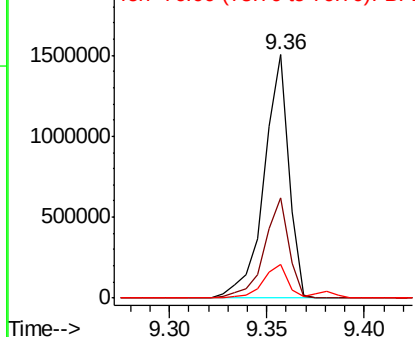


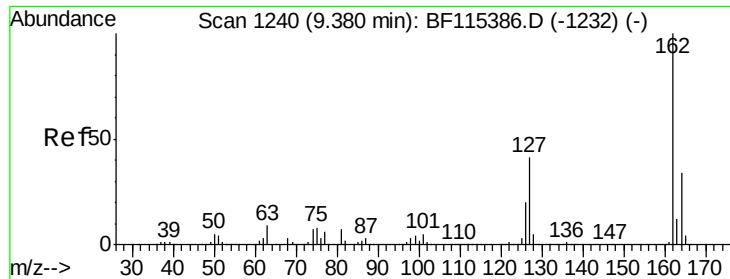
#46
1,1'-Biphenyl
Concen: 46.697 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

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
2000000 Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

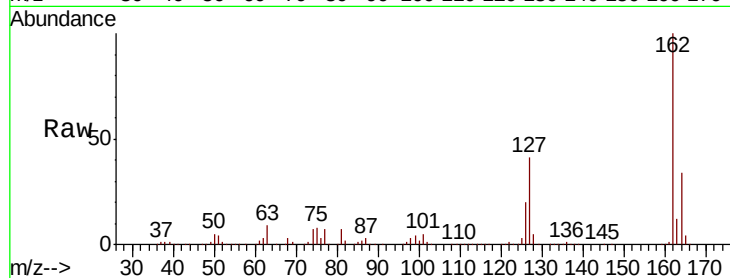




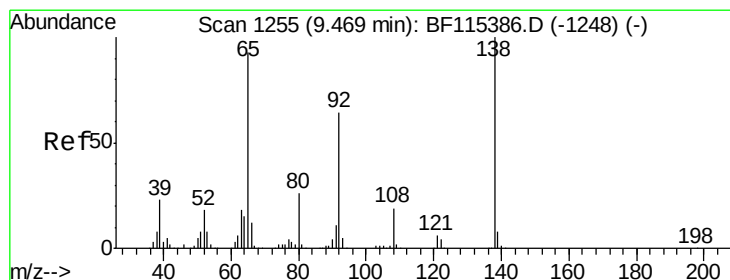
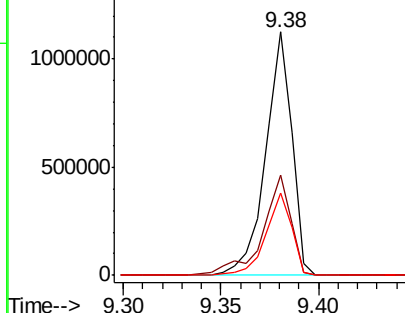
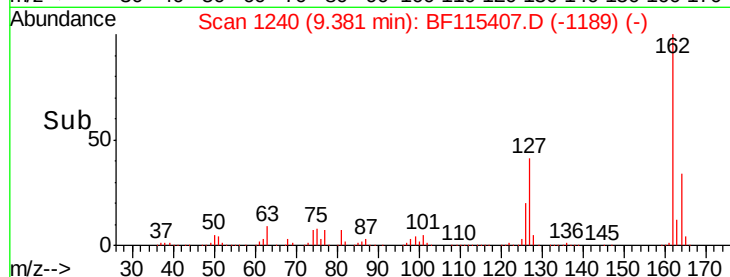
#47
 2-Chloronaphthalene
 Concen: 44.820 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BF115407.D
 Acq: 8 Jul 2019 15:54

Instrument :
 BNA_E
 ClientSampled :

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

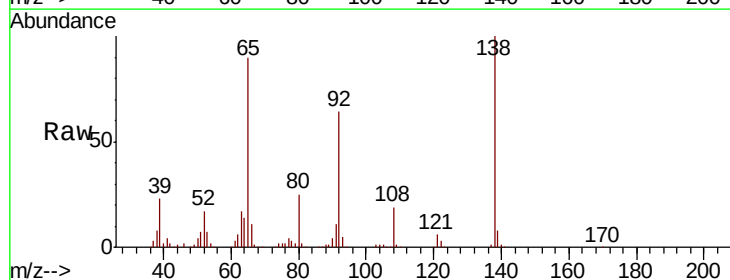


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

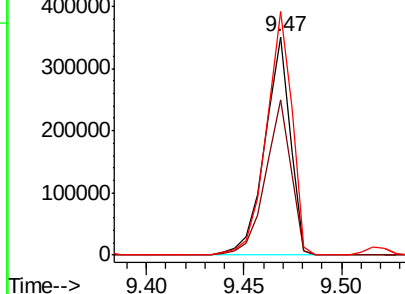
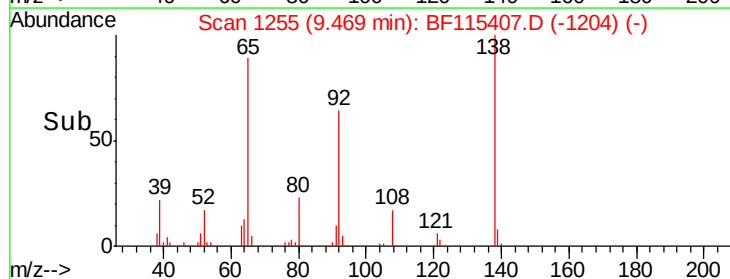


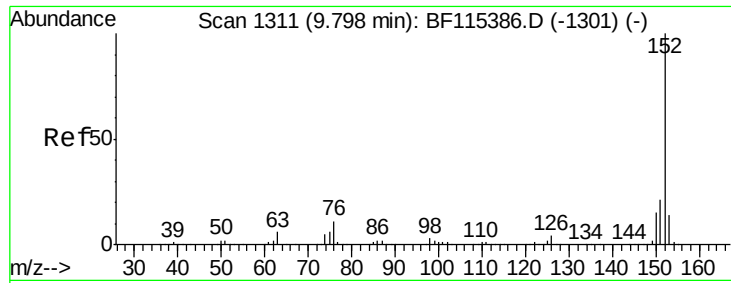
#48
 2-Nitroaniline
 Concen: 46.242 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: BF115407.D
 Acq: 8 Jul 2019 15:54

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 :

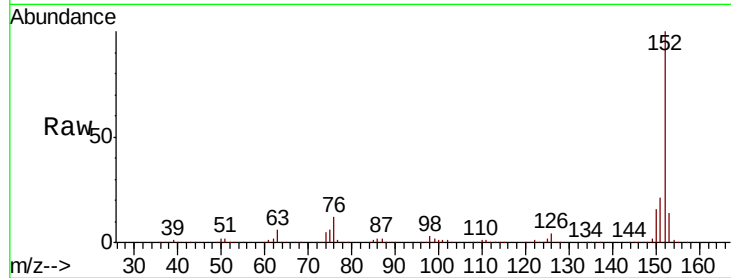
Tot Ion:152 Resp: 1599175

Ion Ratio Lower Upper

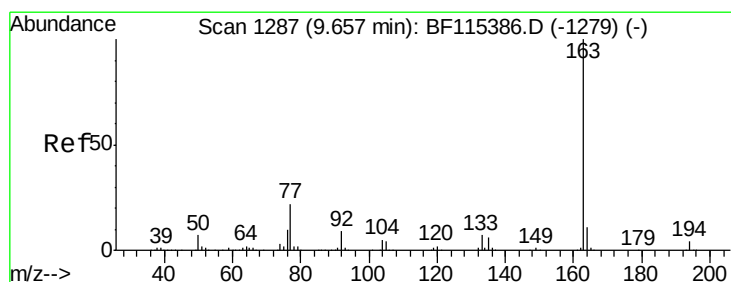
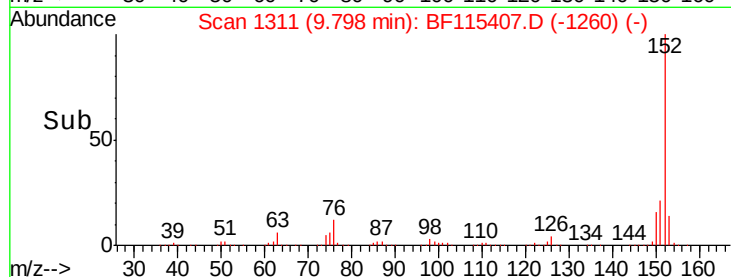
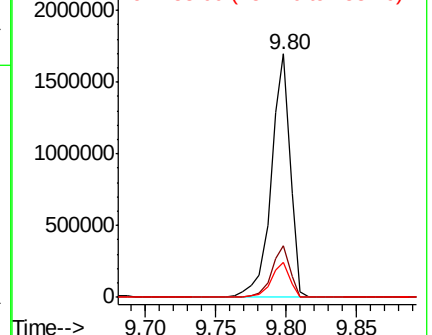
152 100

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

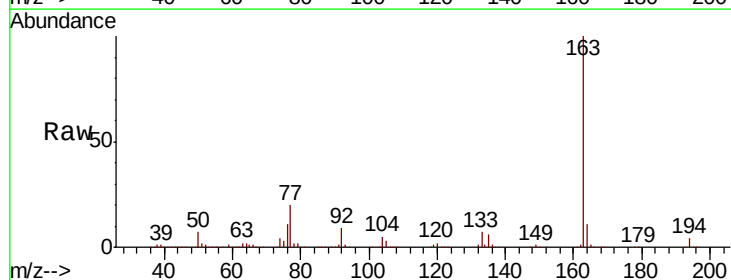
Tgt Ion:163 Resp: 1185699

Ion Ratio Lower Upper

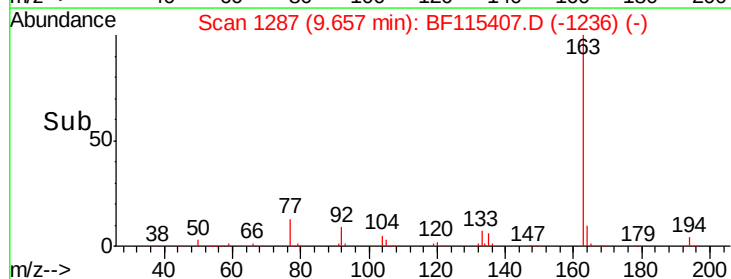
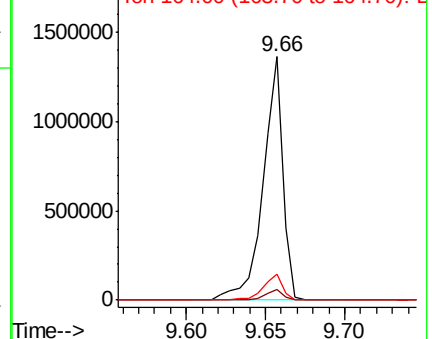
163 100

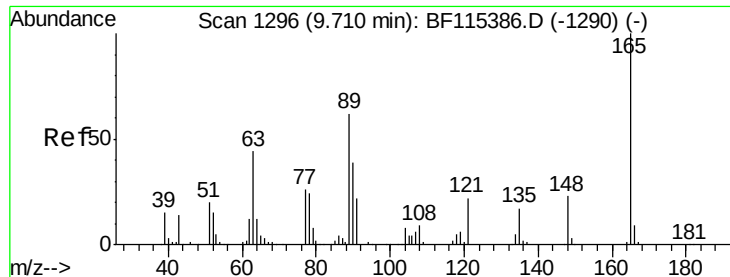
194 4.1 3.2 4.8

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

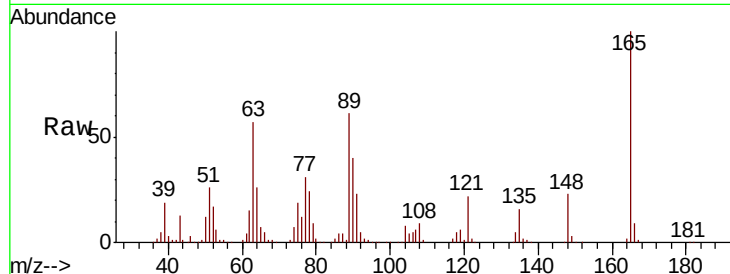




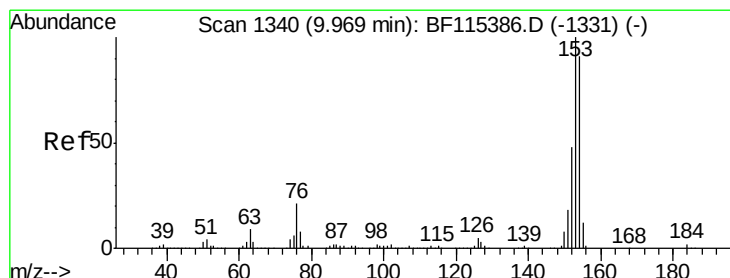
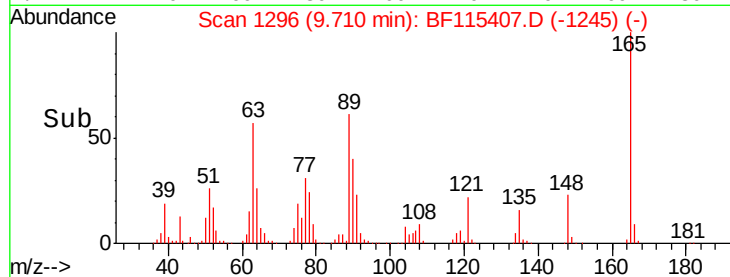
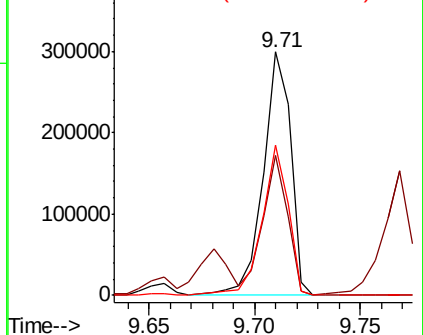
#51
2,6-Dinitrotoluene
Concen: 46.460 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Instrument :
BNA_E
ClientSampled :

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

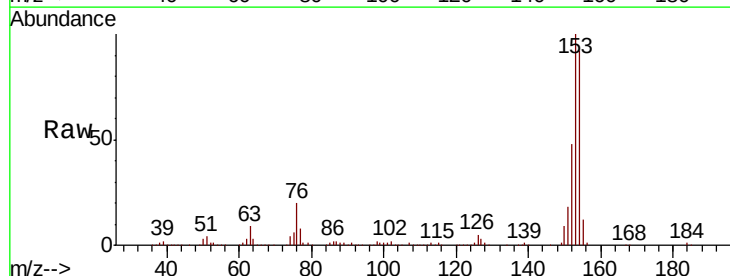


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

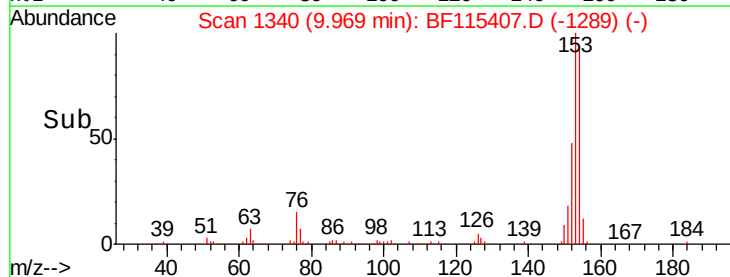
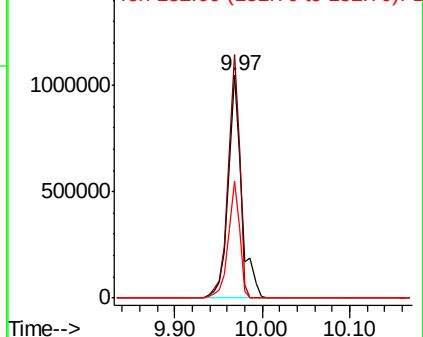


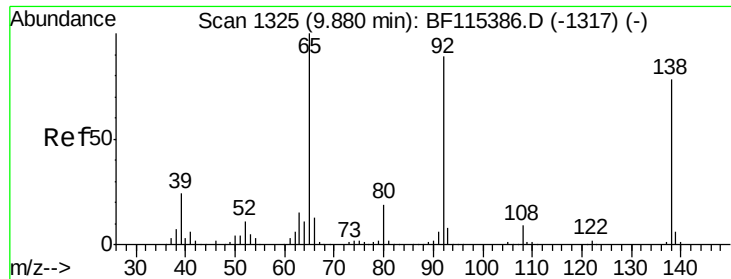
#52
Acenaphthene
Concen: 49.695 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

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

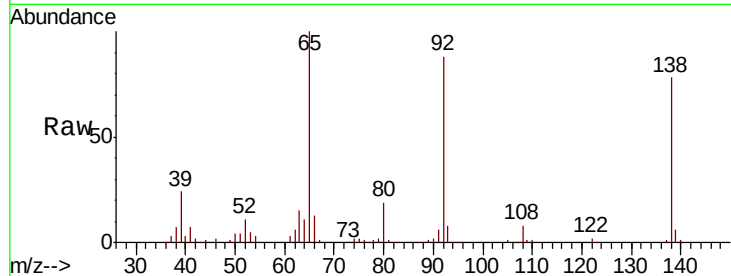




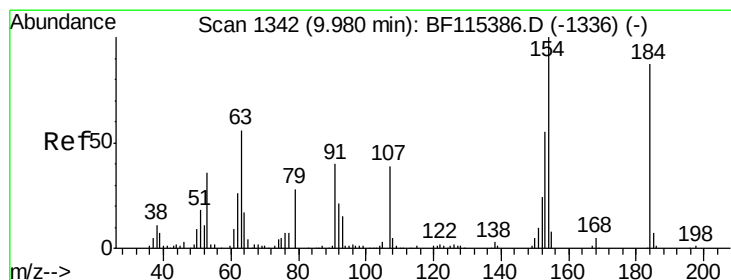
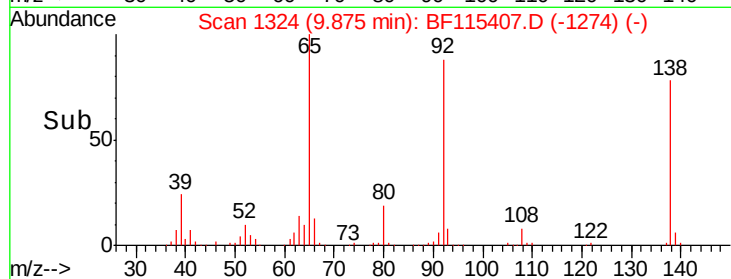
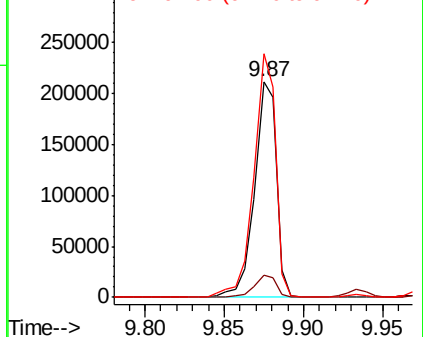
#53
 3-Nitroaniline
 Concen: 29.944 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF115407.D
 Acq: 8 Jul 2019 15:54

Instrument :
 BNA_E
 ClientSampleId :

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

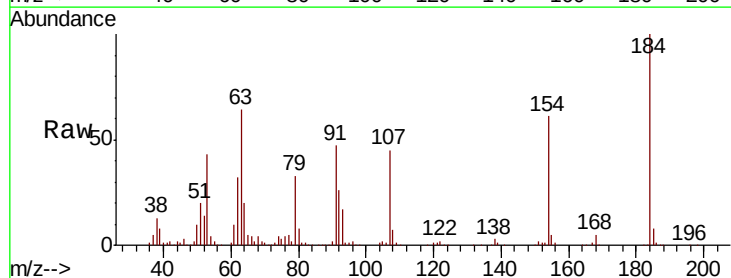


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

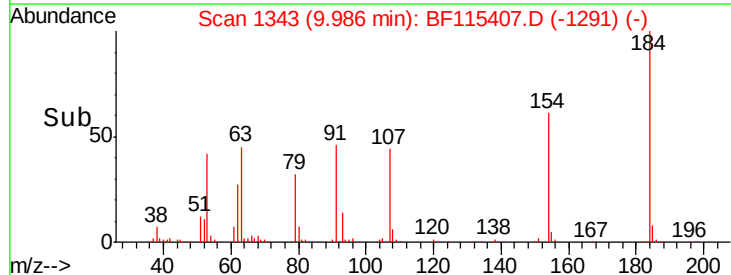
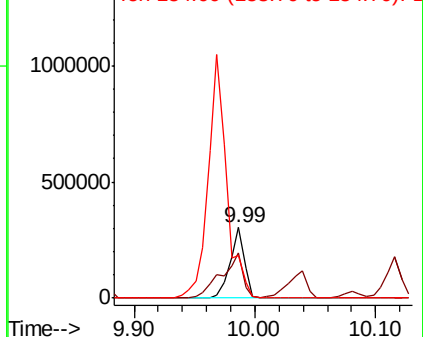


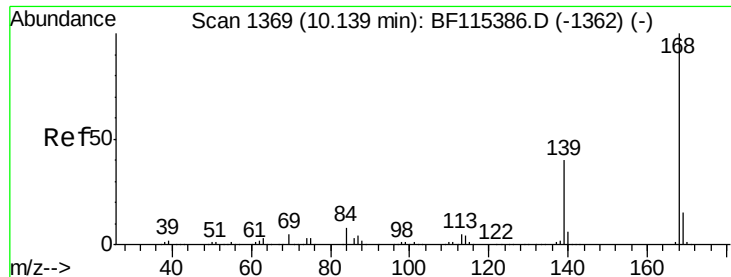
#54
 2,4-Dinitrophenol
 Concen: 97.331 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.01 min
 Lab File: BF115407.D
 Acq: 8 Jul 2019 15:54

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

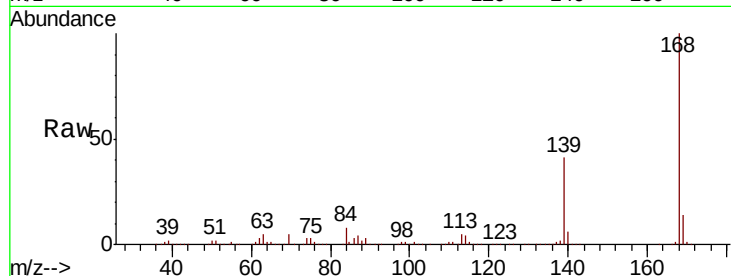




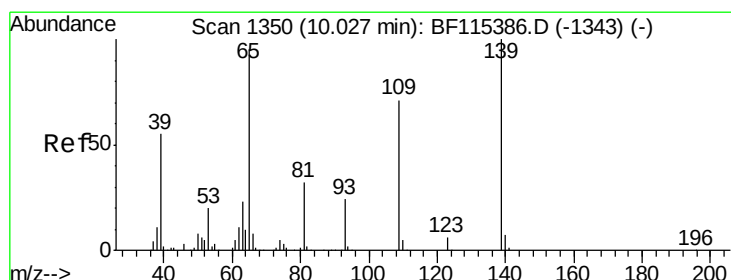
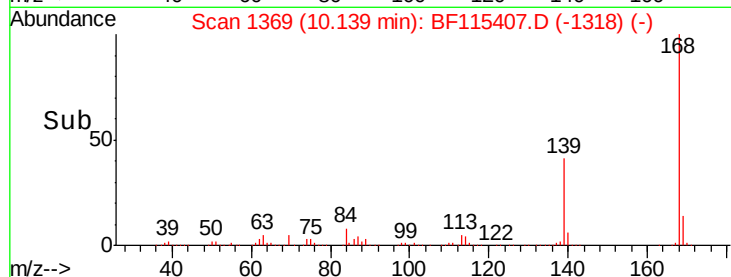
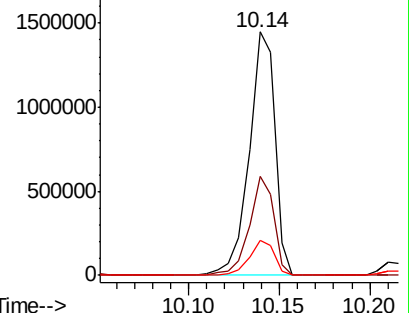
#55
Dibenzenofuran
Concen: 45.751 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Instrument :
BNA_E
ClientSampleId :

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

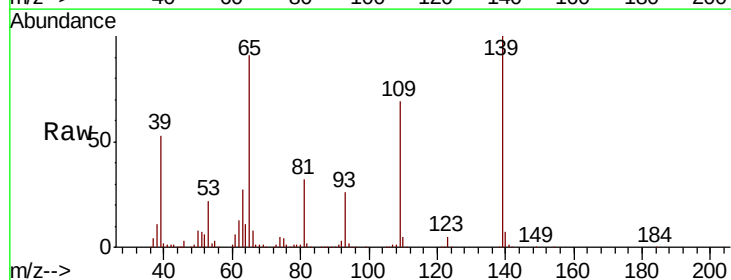


Abundance Ion 168.00 (167.70 to 168.70): E
2000000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

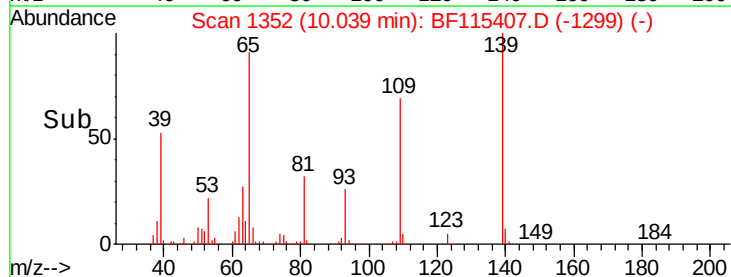
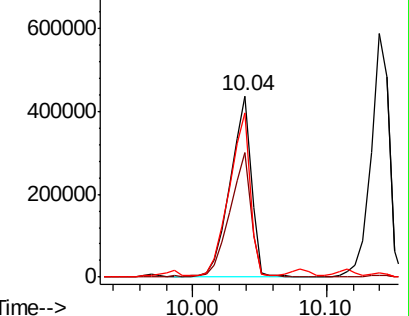


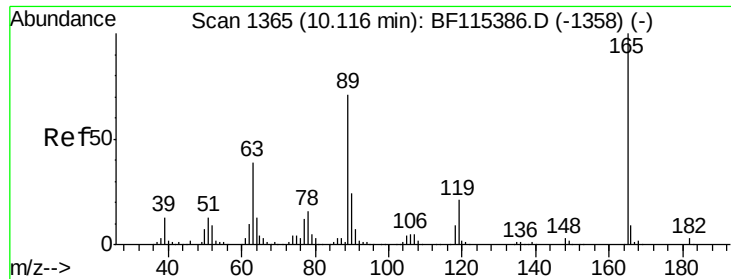
#56
4-Nitrophenol
Concen: 90.020 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

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 :

Tot Ion:165 Resp: 361115

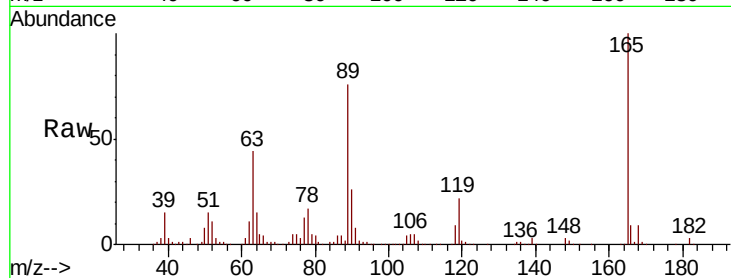
Ion Ratio Lower Upper

165 100

63 43.8 31.4 47.0

89 75.6 57.1 85.7

182 2.7 2.2 3.2

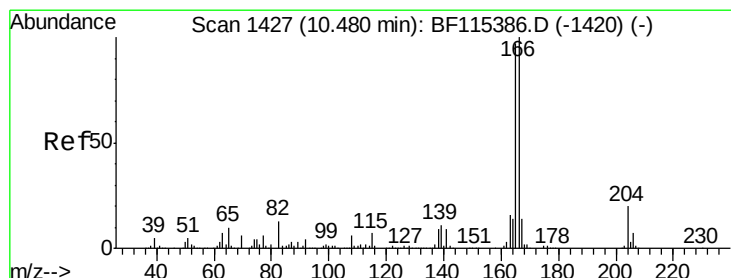
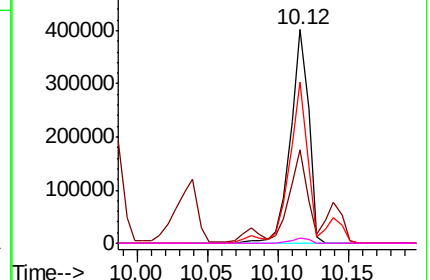
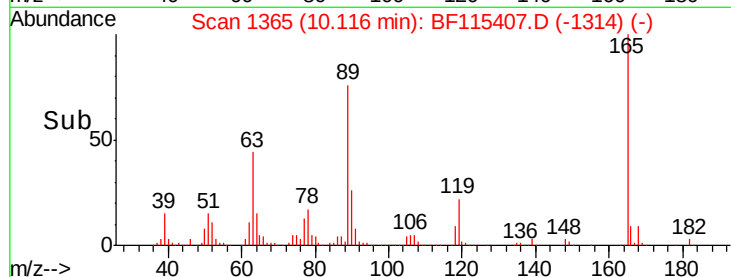


Abundance Ion 165.00 (164.70 to 165.70): E

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

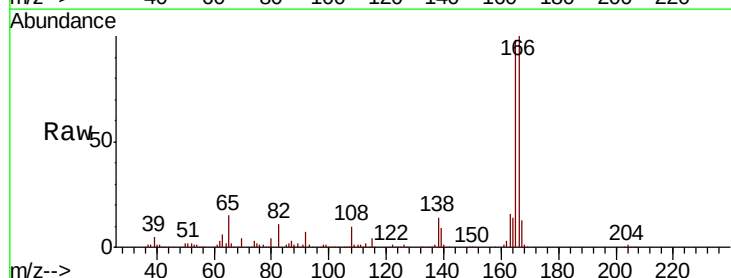
Tgt Ion:166 Resp: 1059004

Ion Ratio Lower Upper

166 100

165 97.8 77.8 116.6

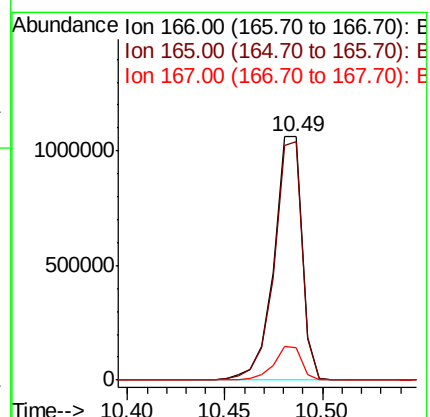
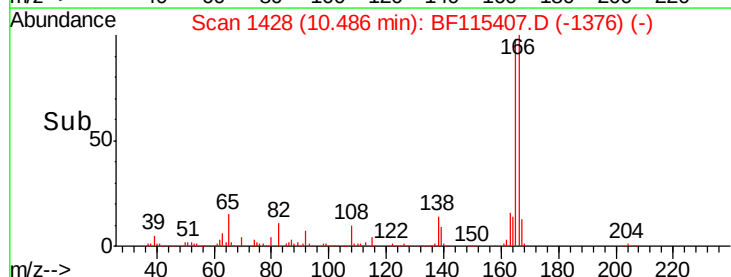
167 13.2 11.0 16.6

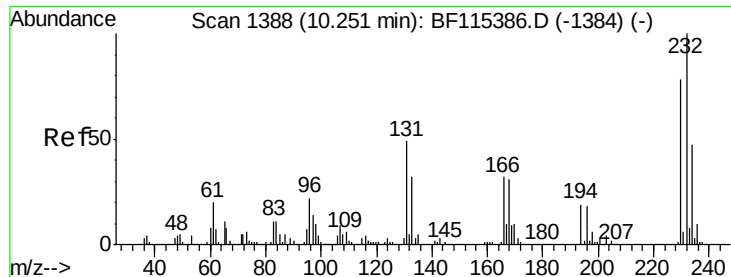


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

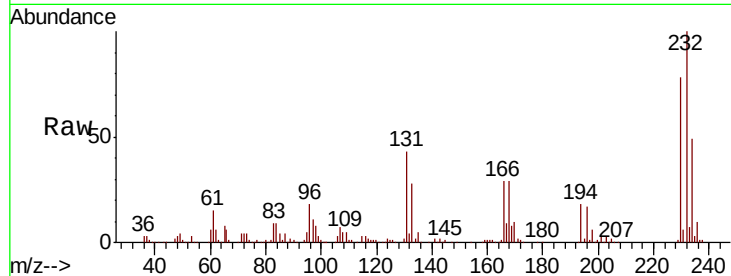




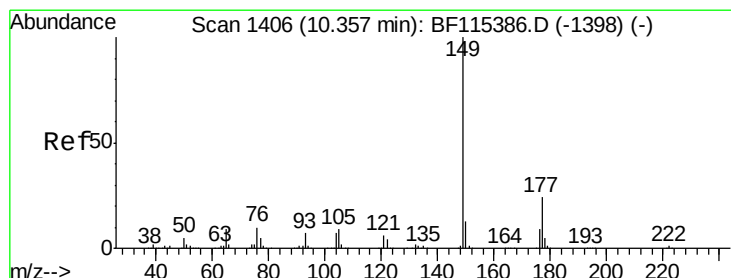
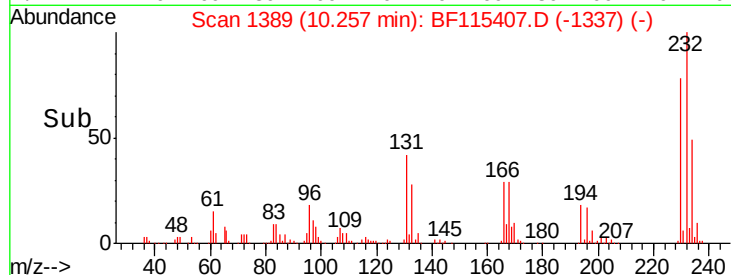
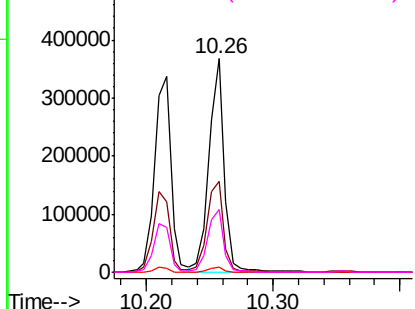
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.939 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.01 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Instrument :
BNA_E
ClientSampleId :

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

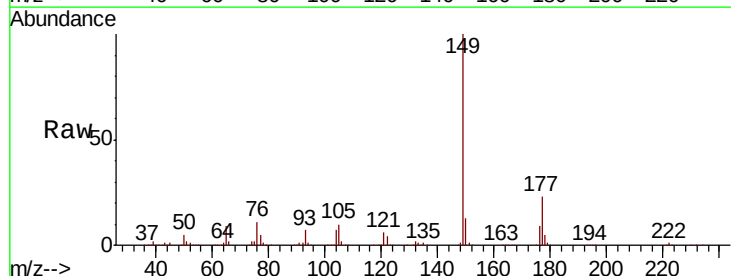


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

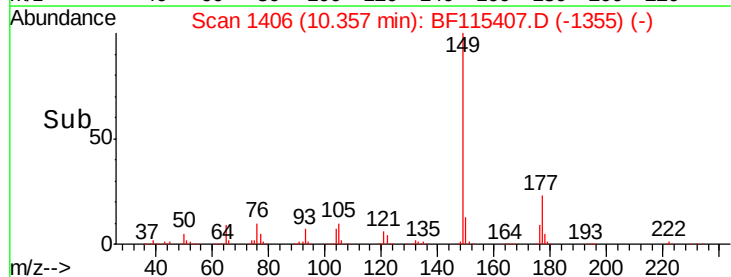
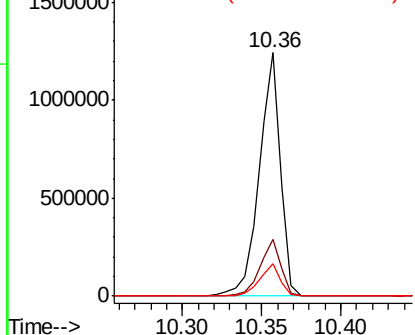


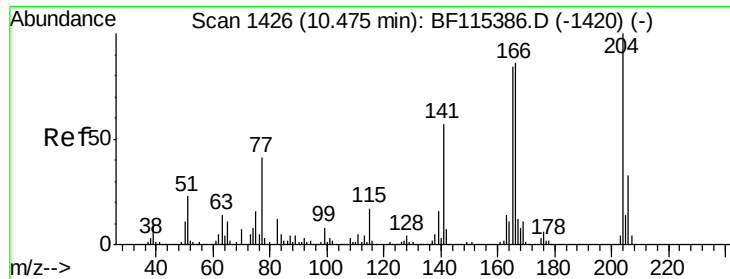
#60
Diethylphthalate
Concen: 43.533 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

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

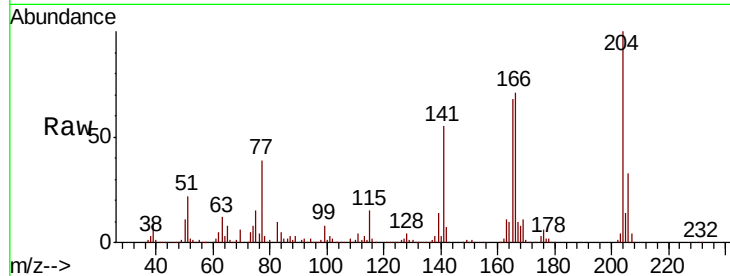




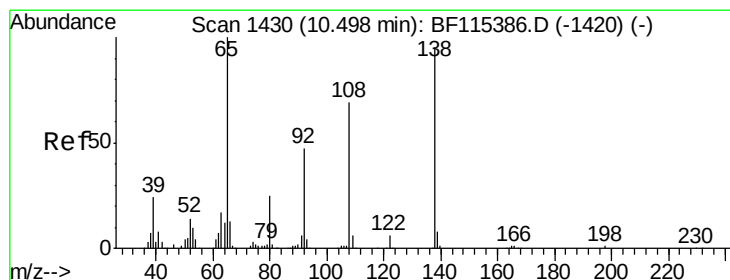
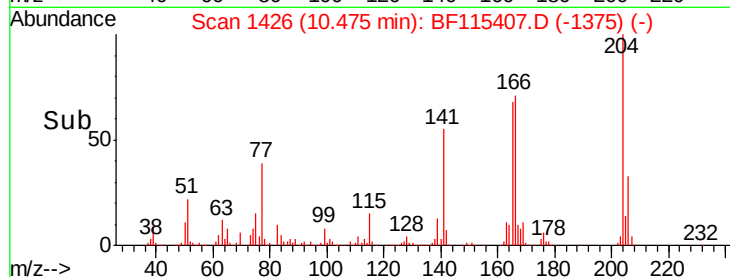
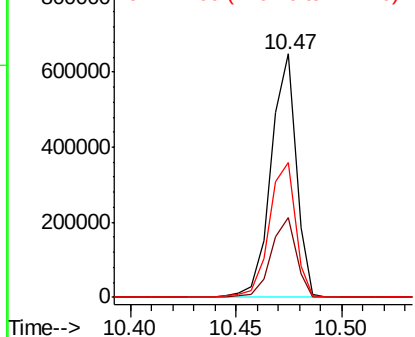
#61
4-Chlorophenyl-phenylether
Concen: 44.698 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Instrument :
BNA_E
ClientSampleId :

Tot Ion:204 Resp: 539869
Ion Ratio Lower Upper
204 100
206 32.9 26.1 39.1
141 55.4 45.8 68.6

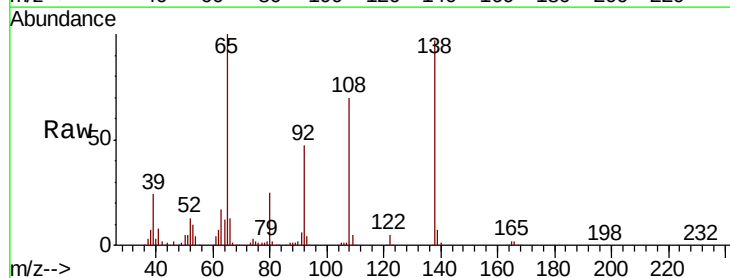


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

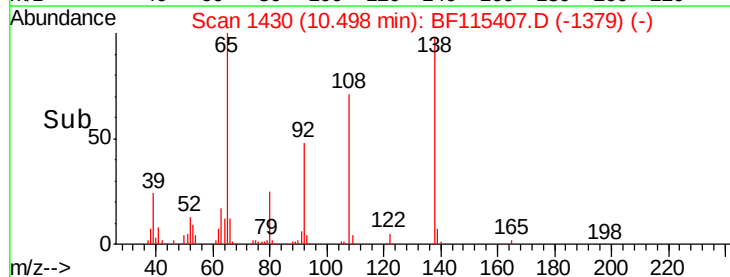
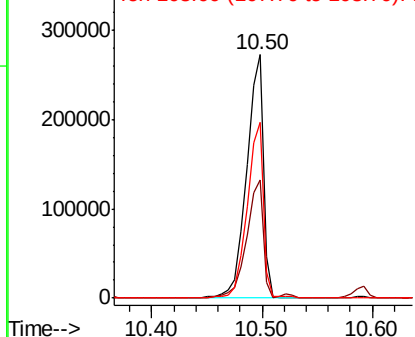


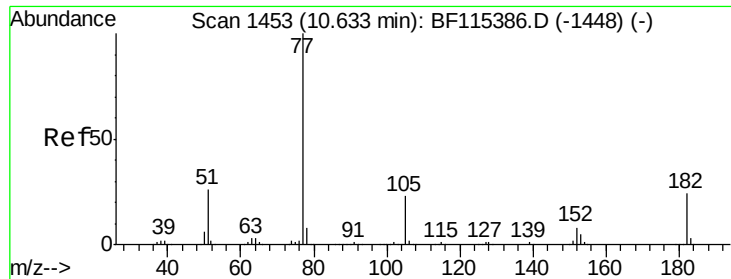
#62
4-Nitroaniline
Concen: 43.932 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Tgt Ion:138 Resp: 293463
Ion Ratio Lower Upper
138 100
92 48.4 29.3 69.3
108 72.1 53.2 93.2



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





#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

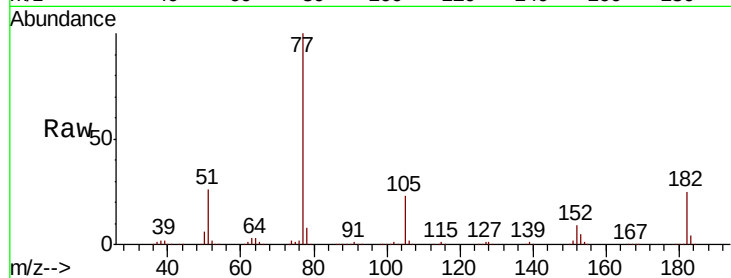
Instrument :

BNA_E

ClientSampleId :

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

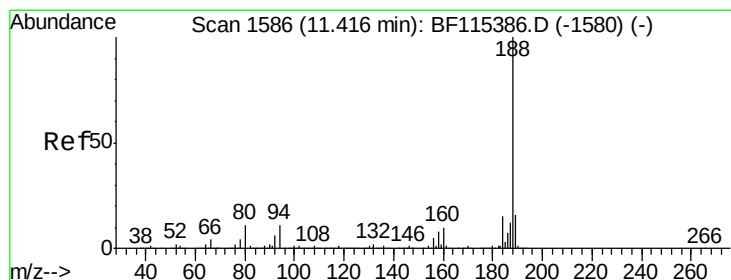
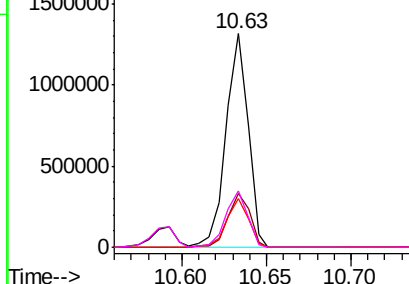
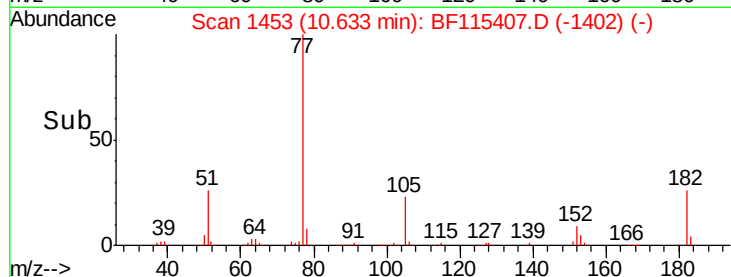


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

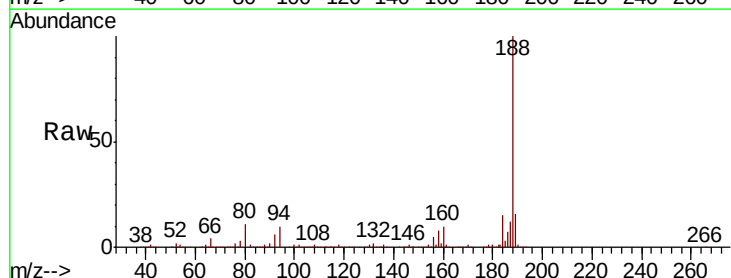
Delta R.T. 0.00 min

Lab File: BF115407.D

Acq: 8 Jul 2019 15:54

Tgt Ion: 188 Resp: 681908

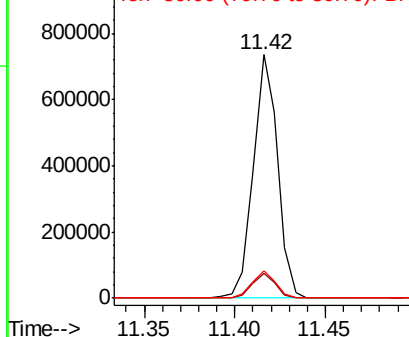
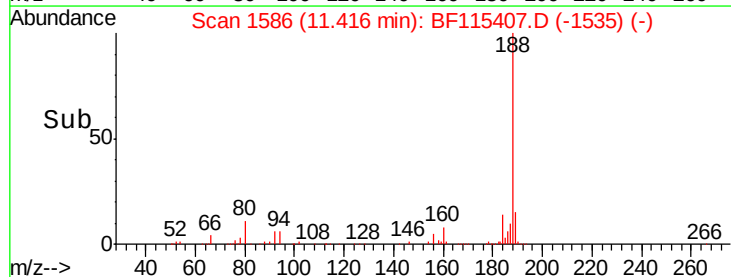
Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	11.2	9.1	13.7

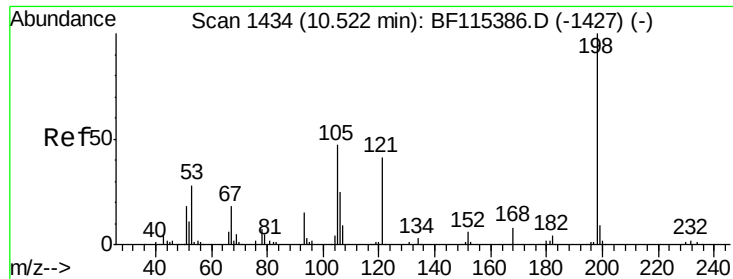


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

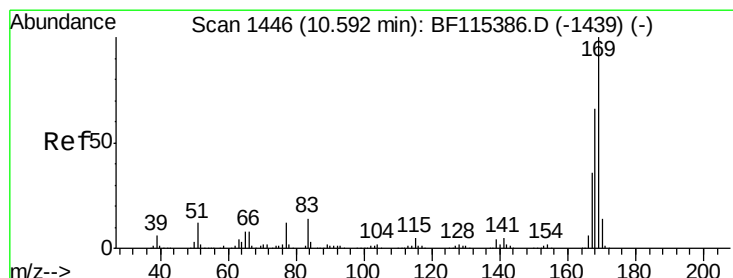
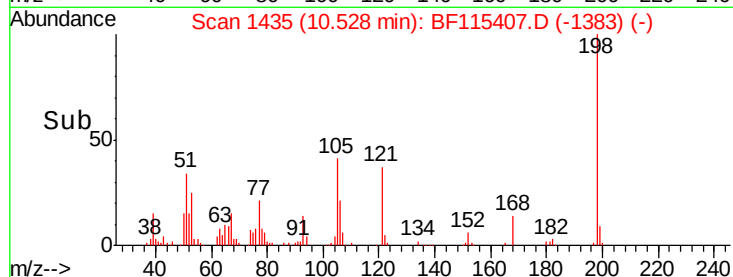
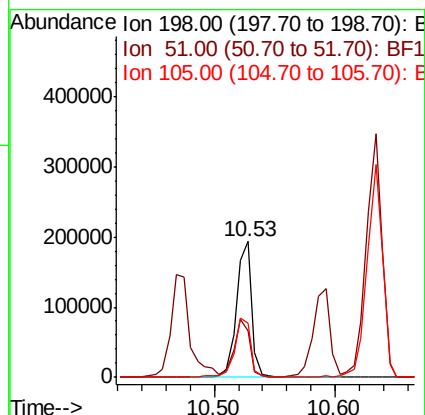
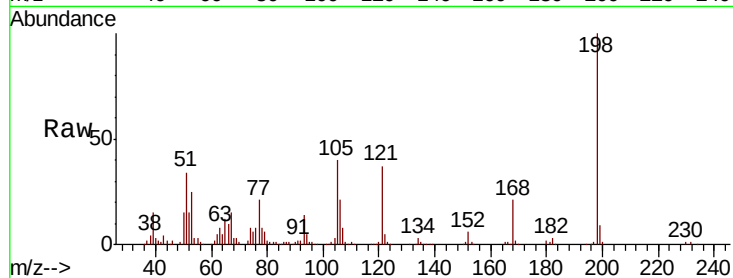




#65
 4,6-Dinitro-2-methylphenol
 Concen: 51.413 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: BF115407.D
 Acq: 8 Jul 2019 15:54

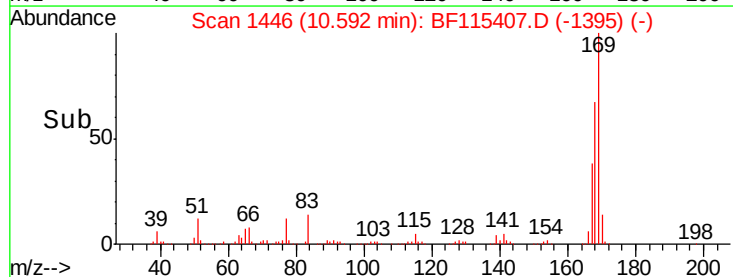
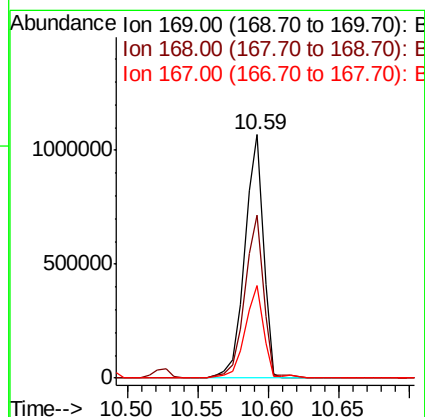
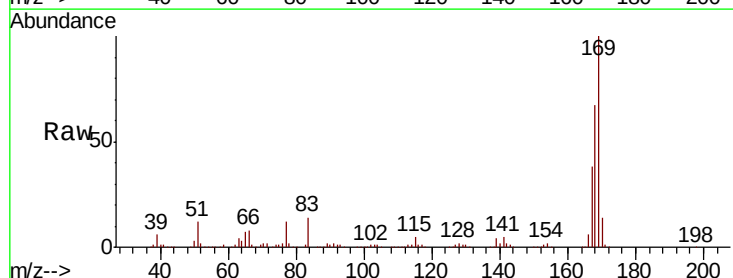
Instrument :
 BNA_E
 ClientSampled :

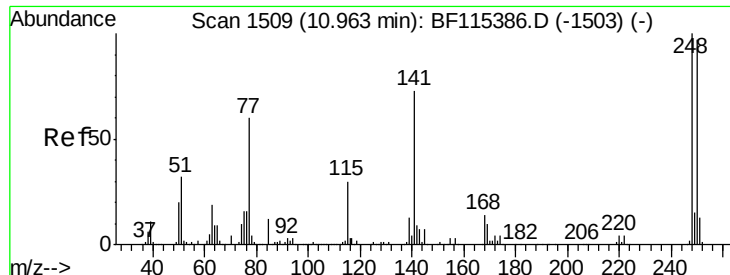
Tot Ion:198 Resp: 170030
 Ion Ratio Lower Upper
 198 100
 51 33.9 25.4 65.4
 105 40.4 27.9 67.9



#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

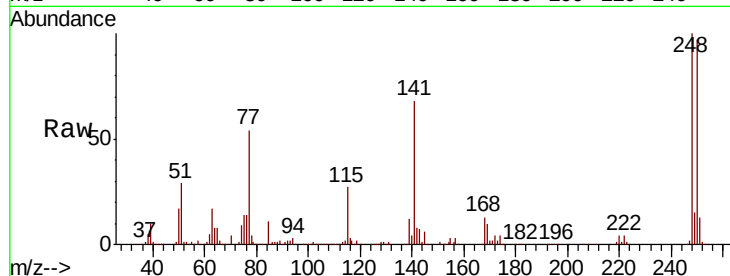




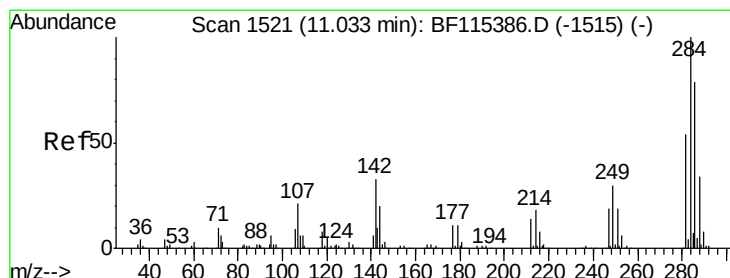
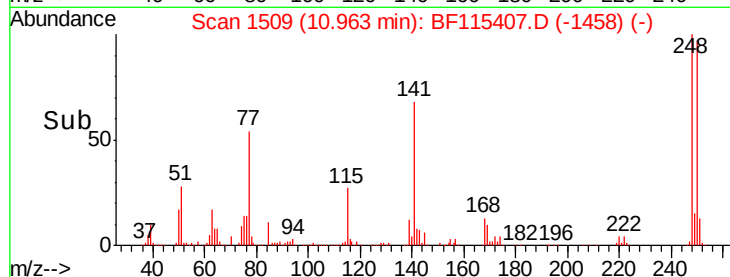
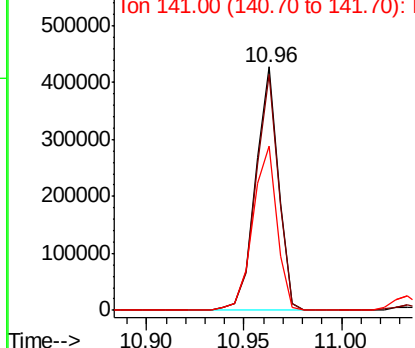
#67
4-Bromophenyl-phenylether
Concen: 45.361 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Instrument :
BNA_E
ClientSampled :

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

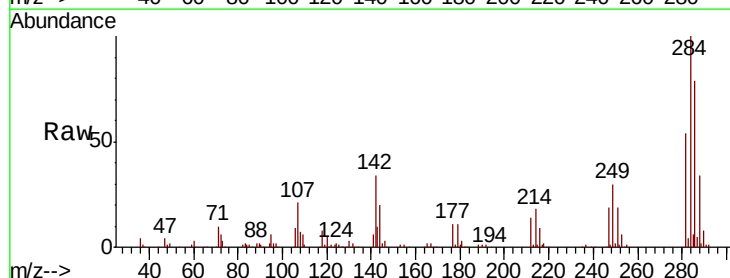


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

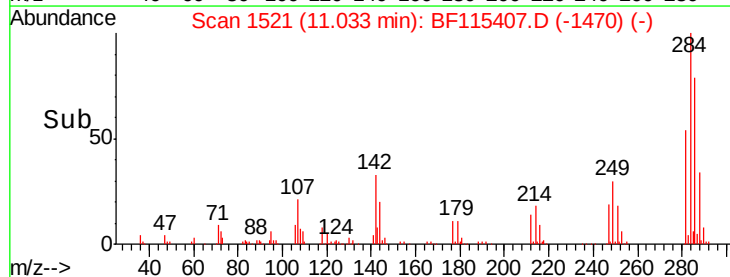
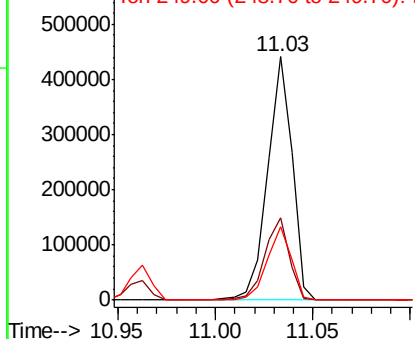


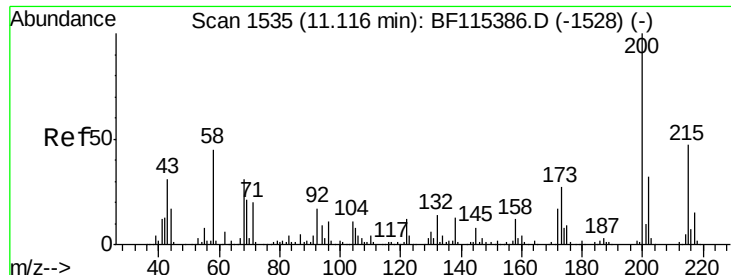
#68
Hexachlorobenzene
Concen: 44.665 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

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

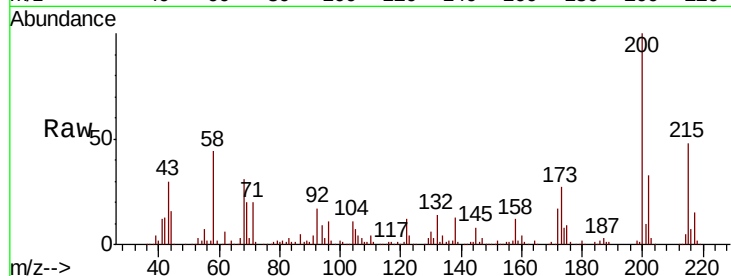




#69
 Atrazine
 Concen: 48.200 ng
 RT: 11.12 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: BF115407.D
 Acq: 8 Jul 2019 15:54

Instrument :
 BNA_E
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.4	7.1	47.1
215	48.2	27.5	67.5

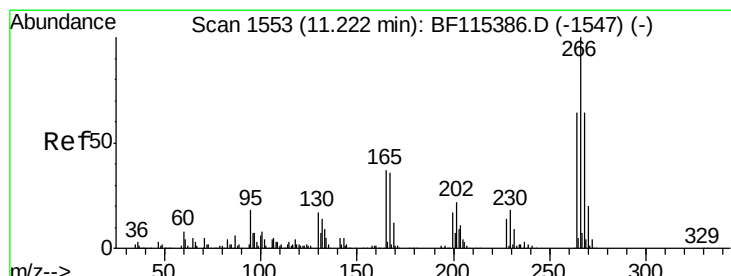
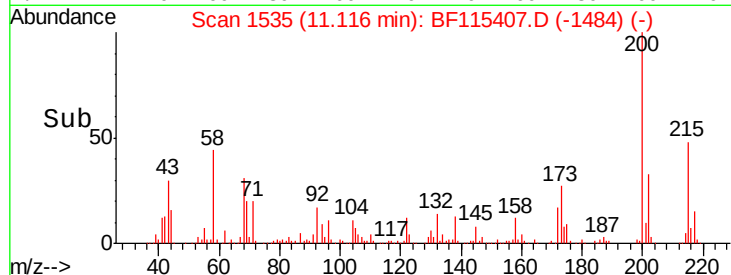
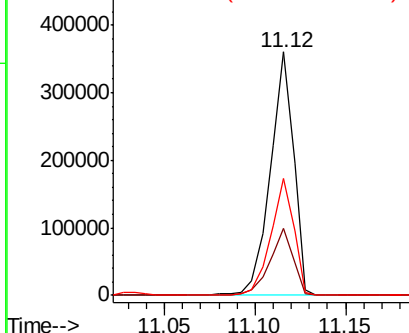


Abundance

Ion 200.00 (199.70 to 200.70): E

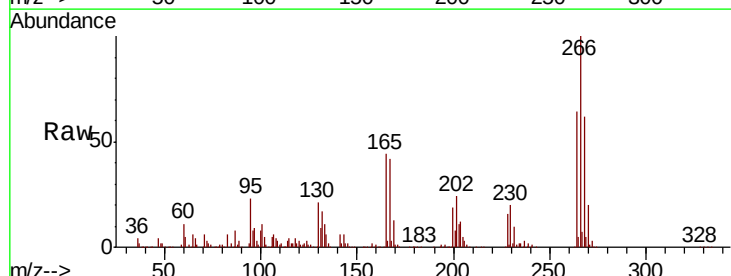
Ion 173.00 (172.70 to 173.70): E

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	Ratio	Lower	Upper
266	100		
268	62.4	51.3	76.9
264	63.7	51.6	77.4

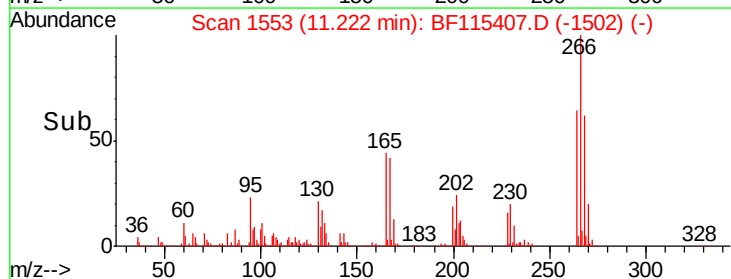
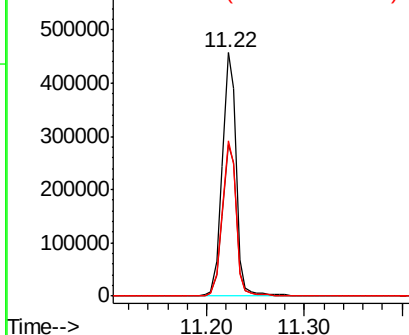


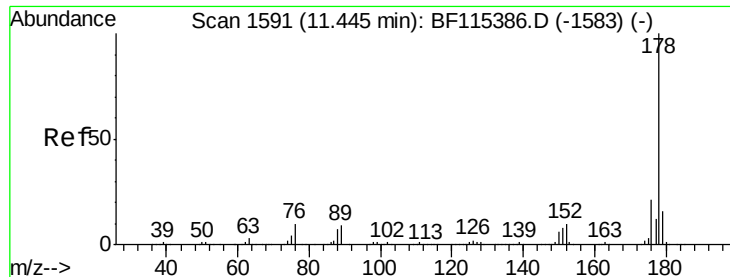
Abundance

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

ClientSampled :

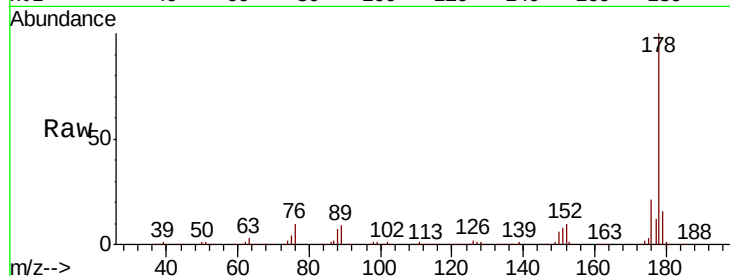
Tot Ion:178 Resp: 1600752

Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.6	25.0
179	16.1	13.0	19.6

178 100

176 20.5 16.6 25.0

179 16.1 13.0 19.6

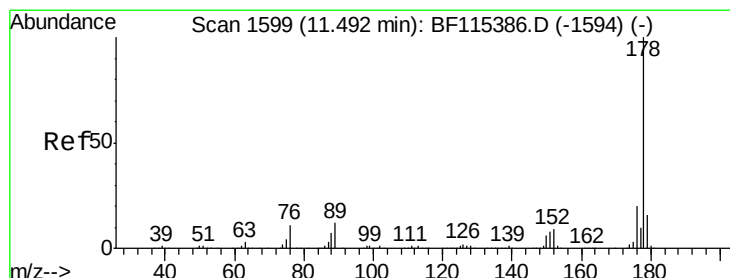
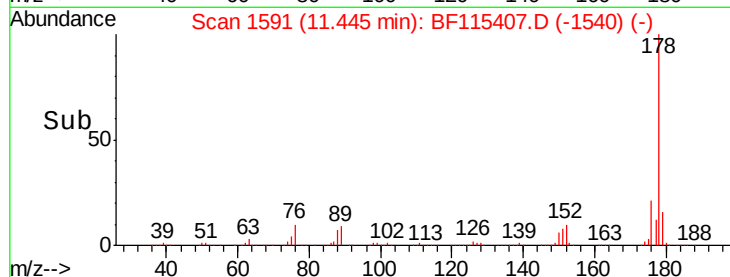
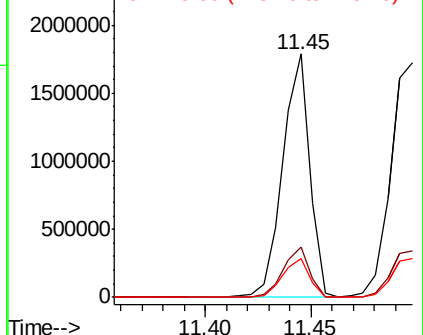


Abundance

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

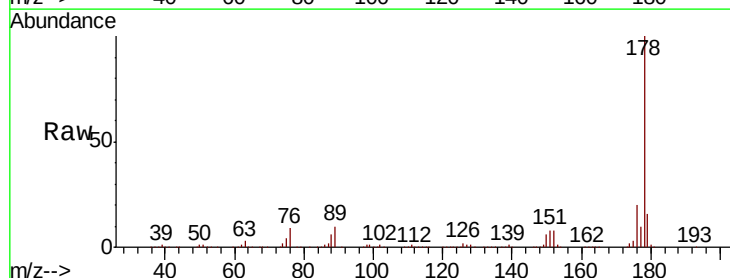
Tgt Ion:178 Resp: 1645579

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.0	24.0
179	16.3	13.1	19.7

178 100

176 20.0 16.0 24.0

179 16.3 13.1 19.7

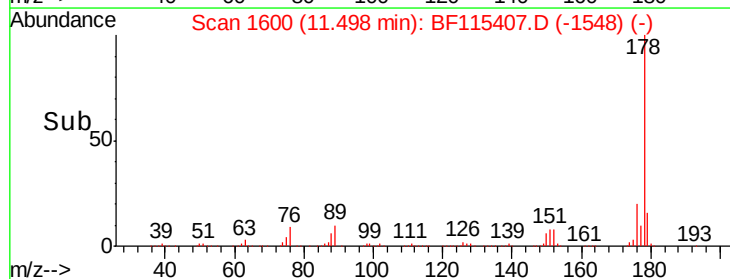
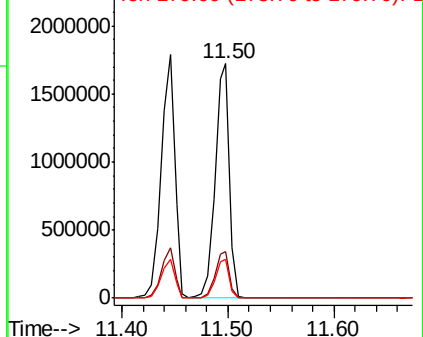


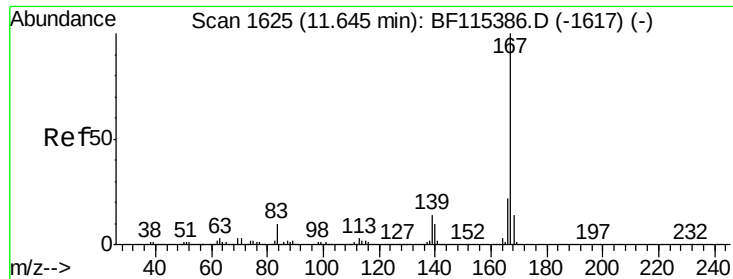
Abundance

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

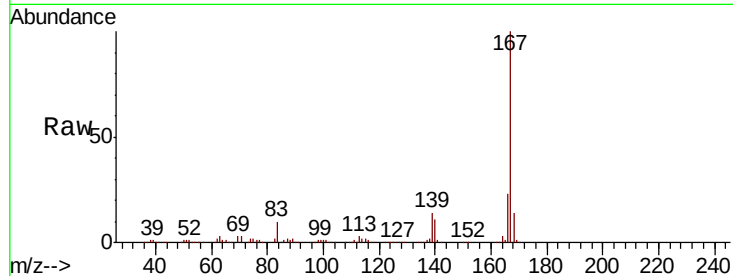




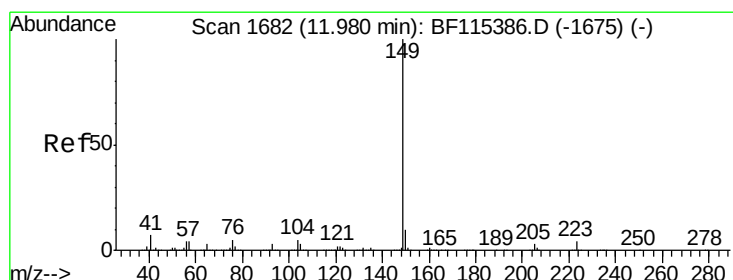
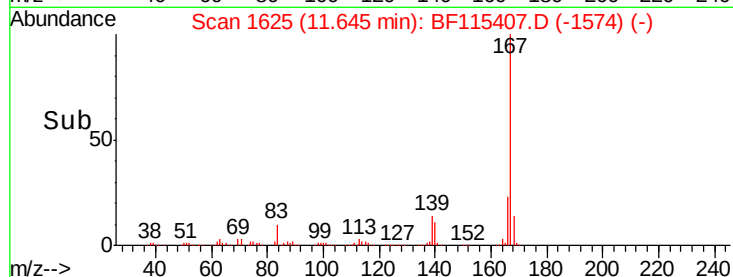
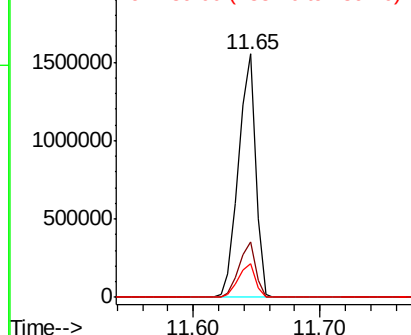
#73
 Carbazole
 Concen: 43.789 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. 0.00 min
 Lab File: BF115407.D
 Acq: 8 Jul 2019 15:54

Instrument :
 BNA_E
 ClientSampleId :

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

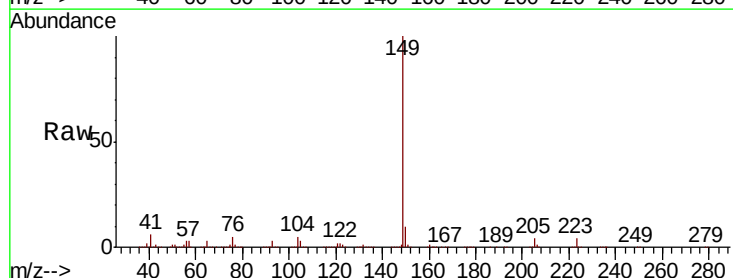


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

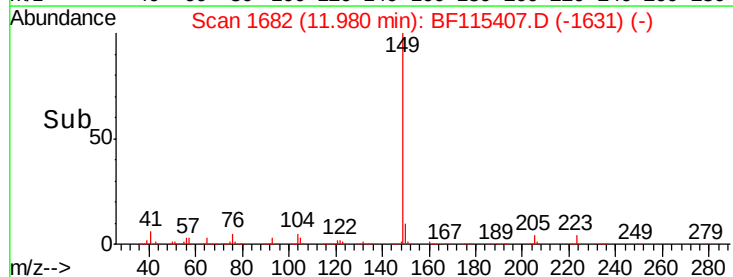
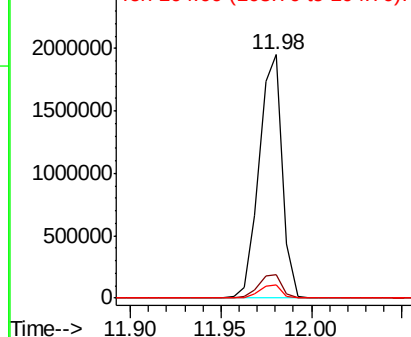


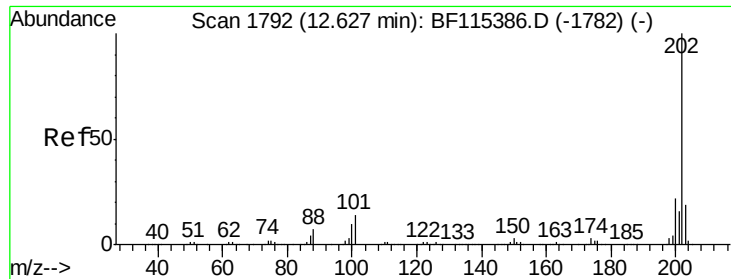
#74
 Di-n-butylphthalate
 Concen: 43.457 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. 0.00 min
 Lab File: BF115407.D
 Acq: 8 Jul 2019 15:54

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 :

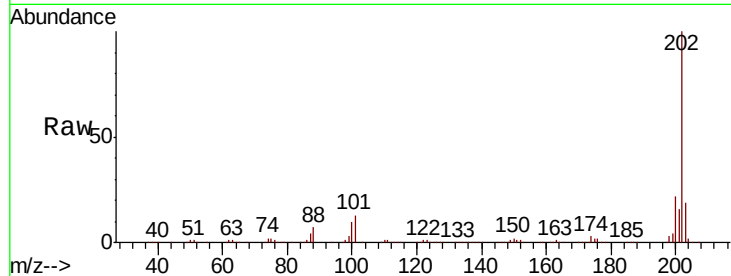
Tot Ion:202 Resp: 1662025

Ion Ratio Lower Upper

202 100

101 13.3 0.0 34.0

203 18.8 0.0 38.5

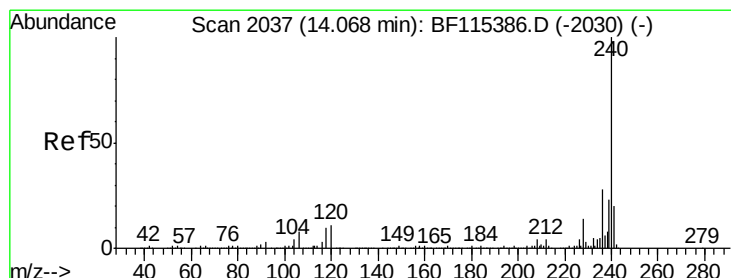
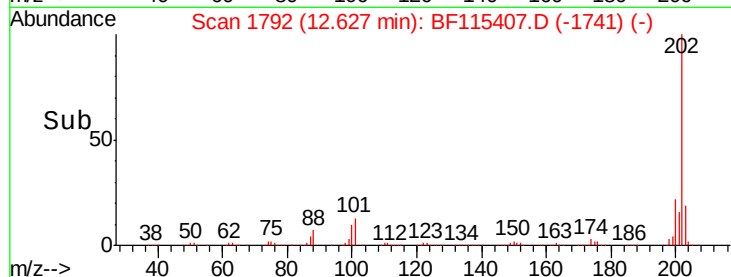
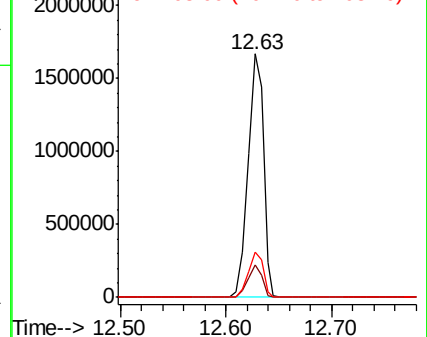


Abundance

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

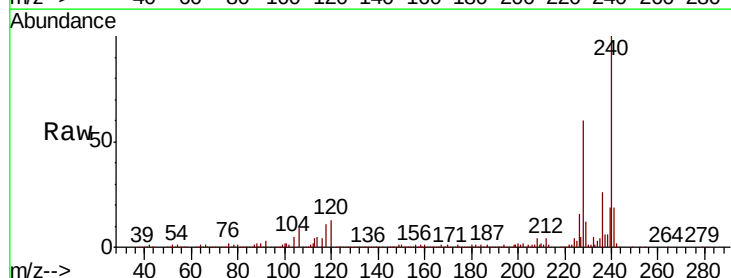
Tgt Ion:240 Resp: 470798

Ion Ratio Lower Upper

240 100

120 12.6 9.1 13.7

236 26.3 22.5 33.7

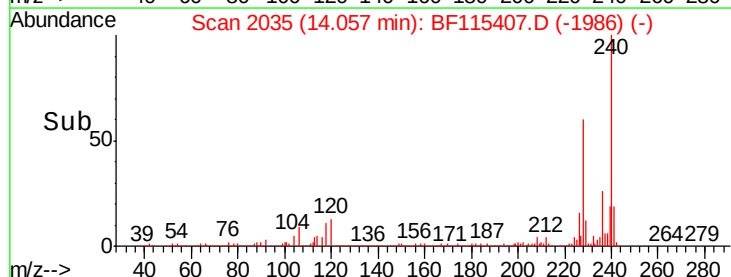
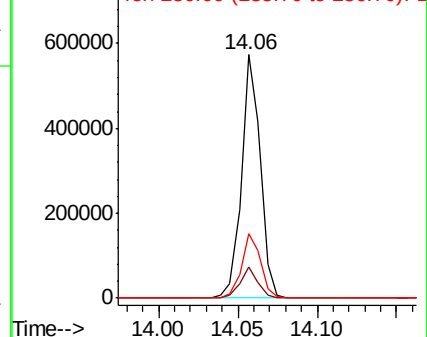


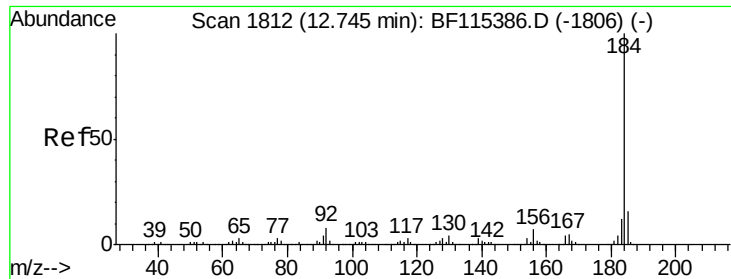
Abundance

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

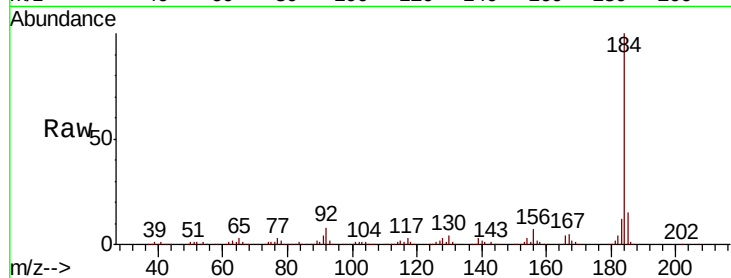




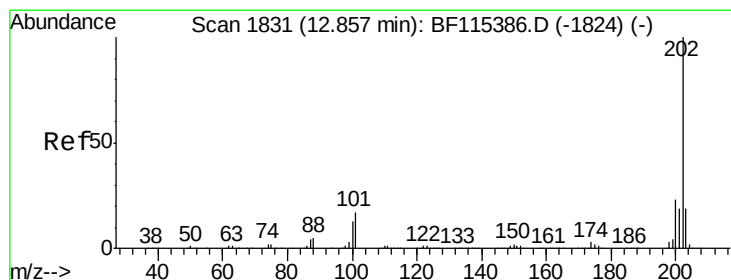
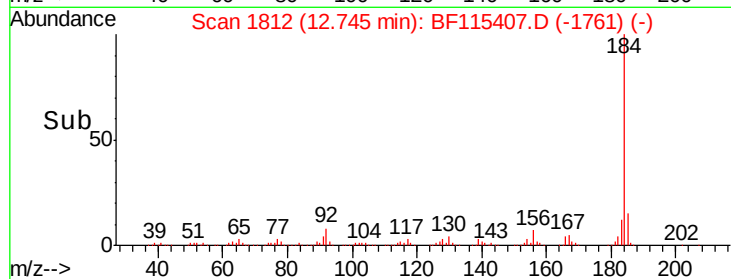
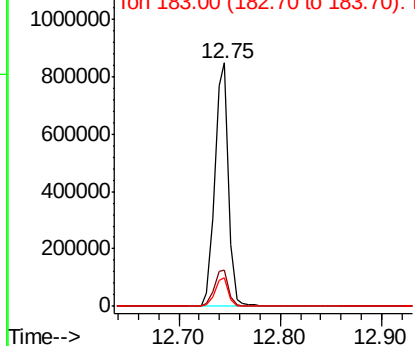
#77
Benzidine
Concen: 43.262 ng
RT: 12.75 min Scan# 1812
Delta R.T. 0.00 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Instrument :
BNA_E
ClientSampleId :

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

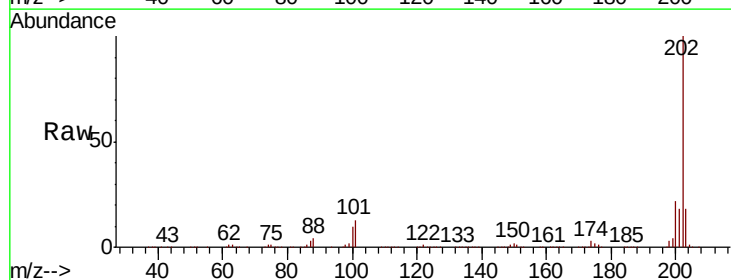


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

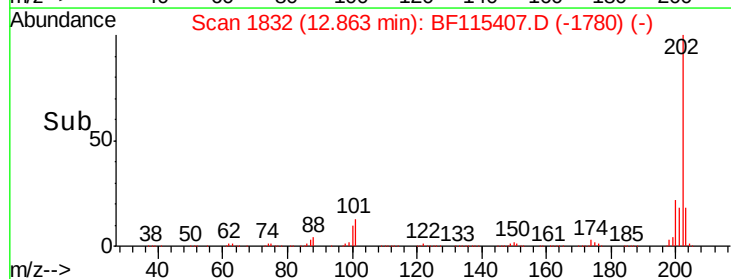
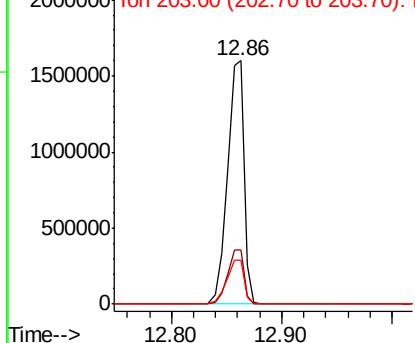


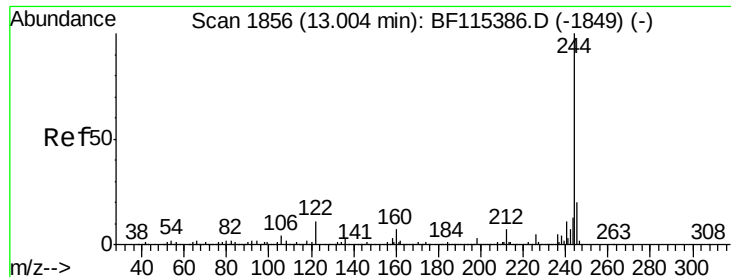
#78
Pyrene
Concen: 45.916 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.01 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

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



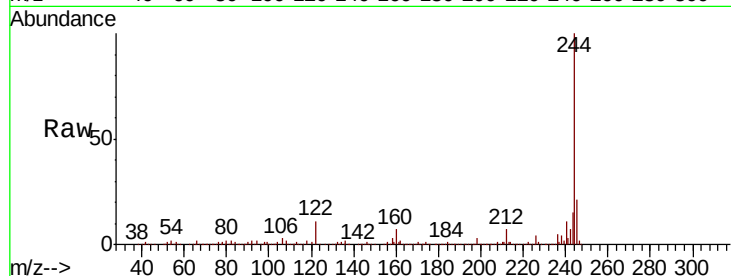


#79
 Terphenyl-d14
 Concen: 86.648 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. 0.00 min
 Lab File: BF115407.D
 Acq: 8 Jul 2019 15:54

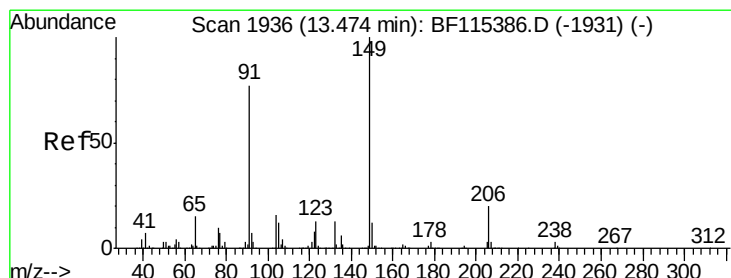
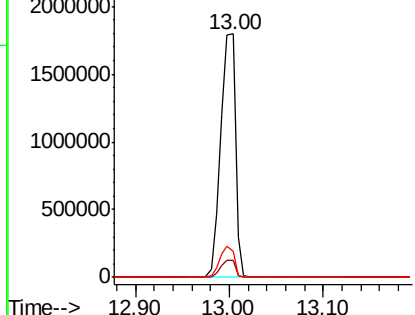
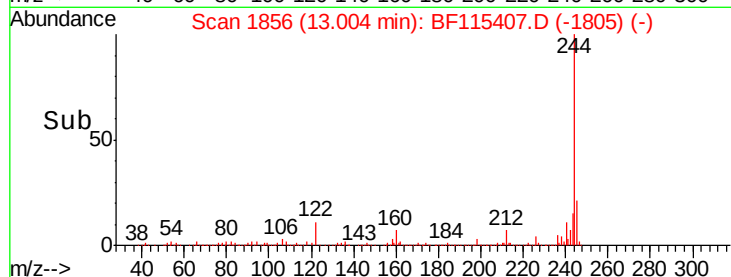
Instrument :
 BNA_E
 ClientSampled :

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



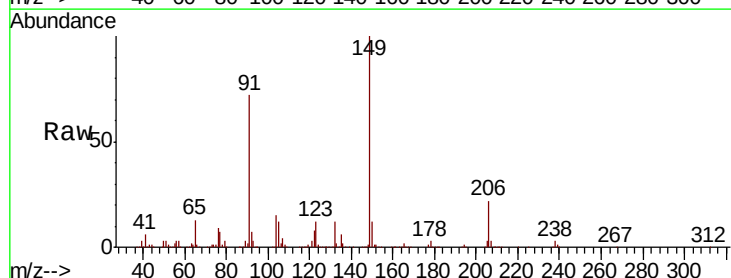
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



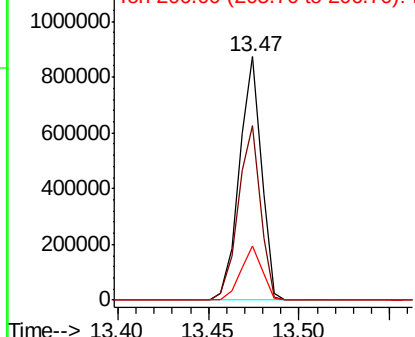
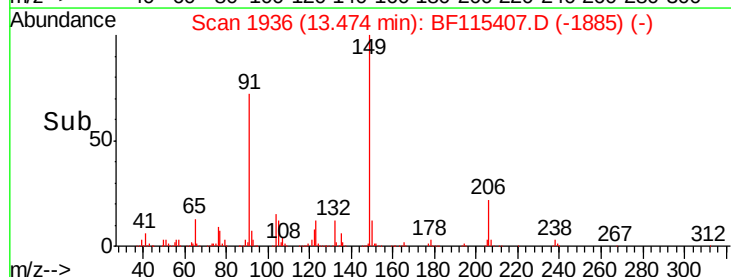
#80
 Butylbenzylphthalate
 Concen: 45.981 ng
 RT: 13.47 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: BF115407.D
 Acq: 8 Jul 2019 15:54

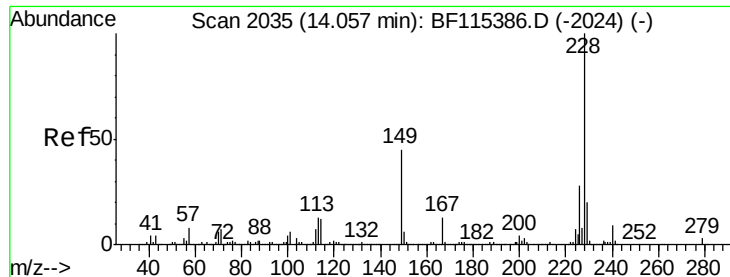
Tgt Ion:149 Resp: 735525

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

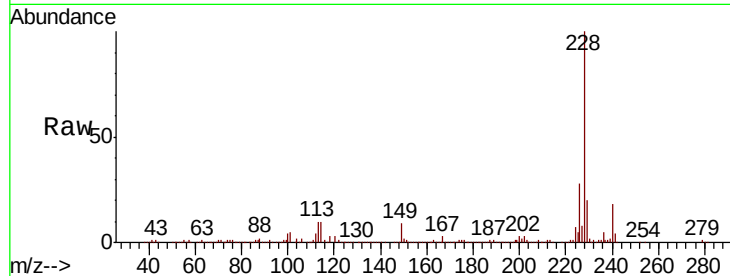




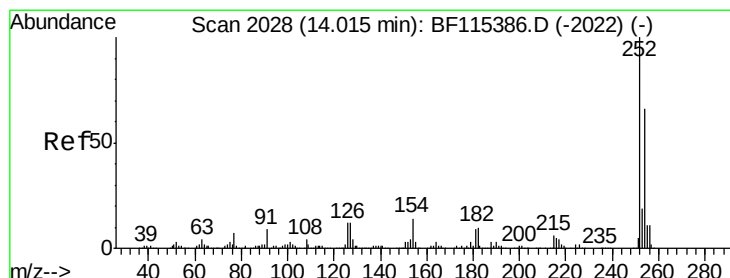
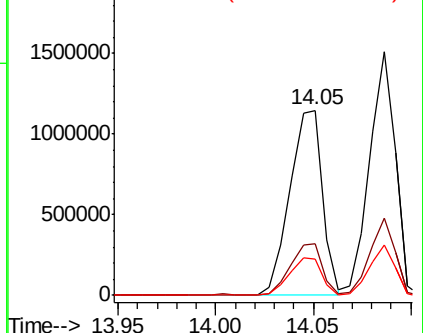
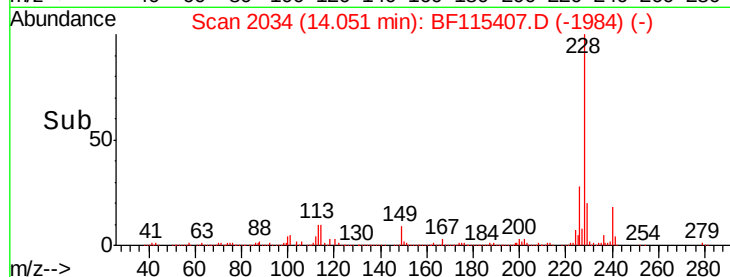
#81
Benzo(a)anthracene
Concen: 44.113 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Instrument :
BNA_E
ClientSampled :

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

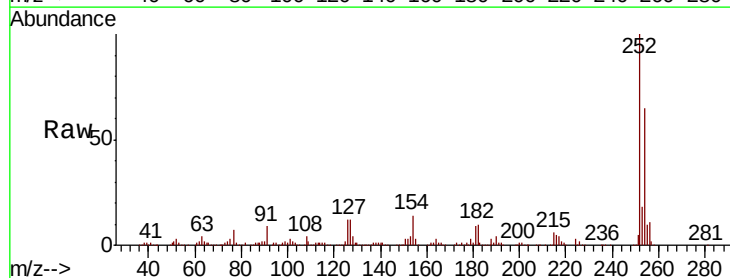


Abundance Ion 228.00 (227.70 to 228.70): E
2000000 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

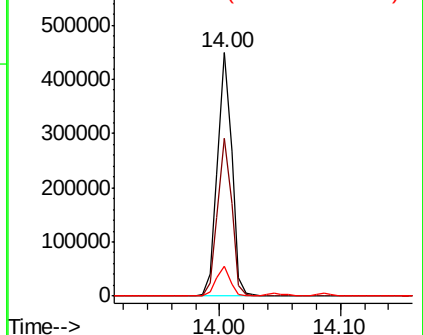
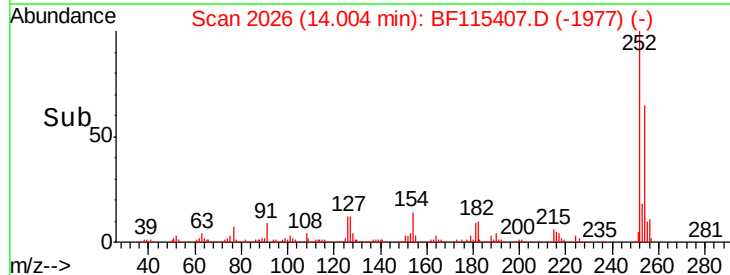


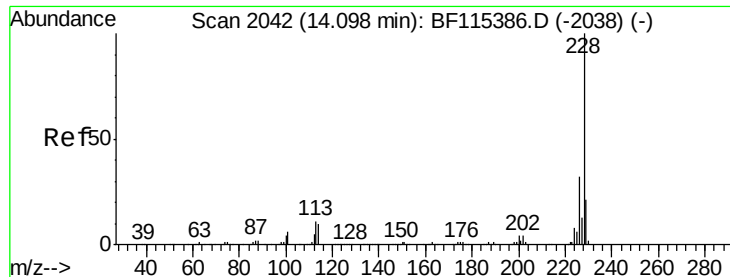
#82
3,3'-Dichlorobenzidine
Concen: 33.220 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

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

Chrysene

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 :

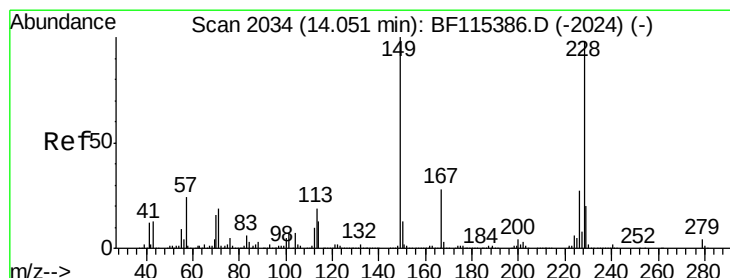
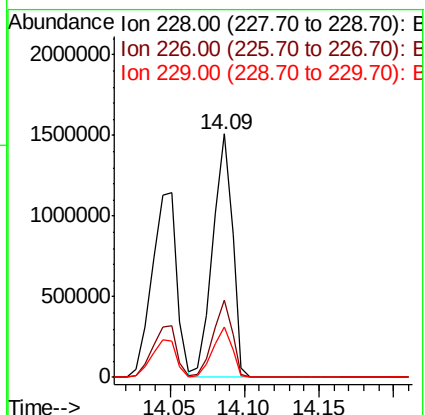
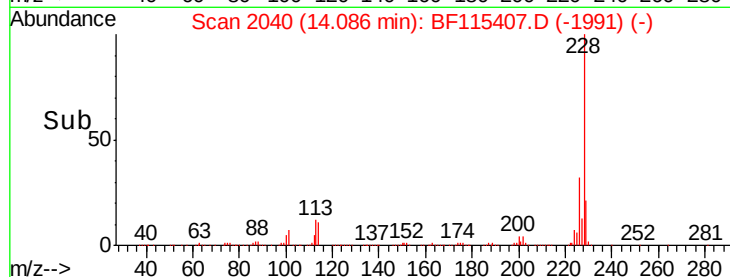
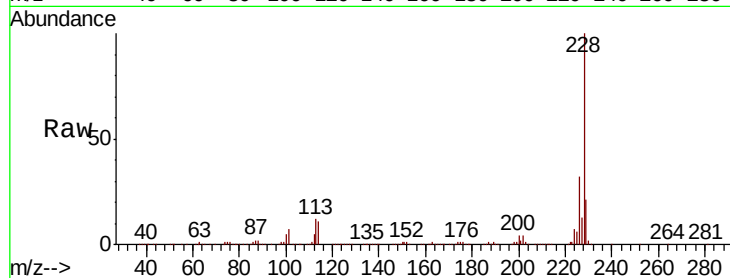
Tot Ion:228 Resp: 1385405

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

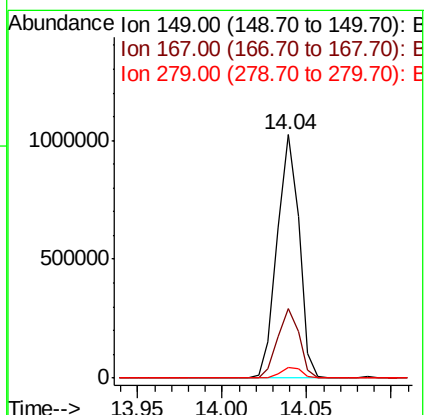
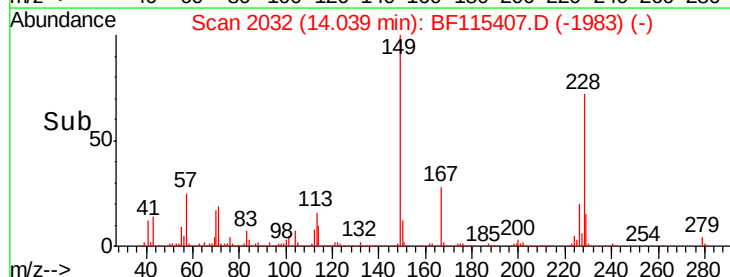
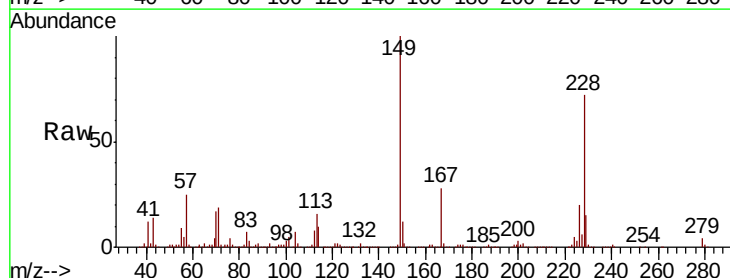
Tgt Ion:149 Resp: 925239

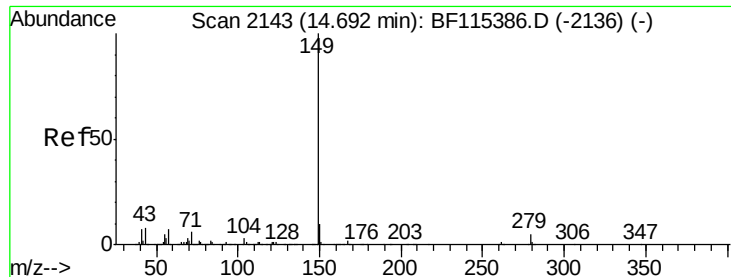
Ion Ratio Lower Upper

149 100

167 28.3 22.3 33.5

279 4.2 3.4 5.2

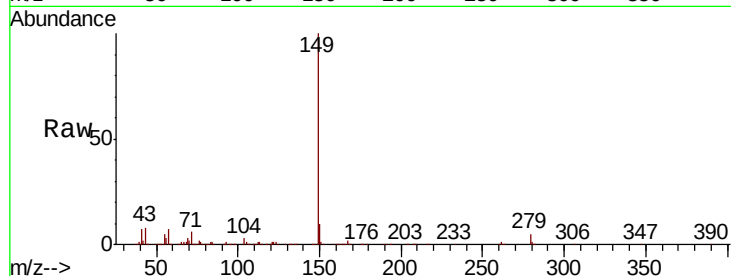




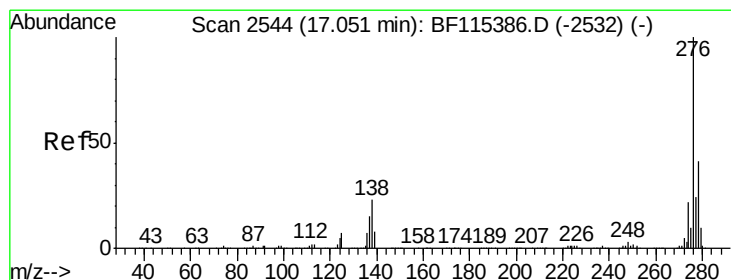
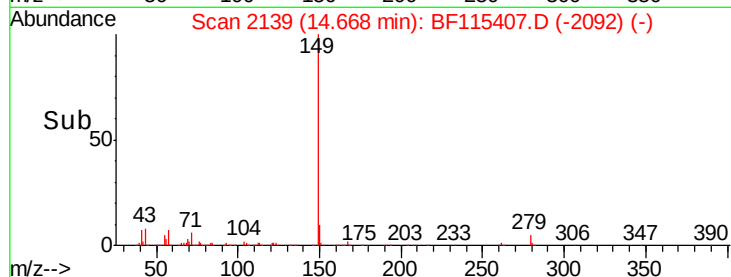
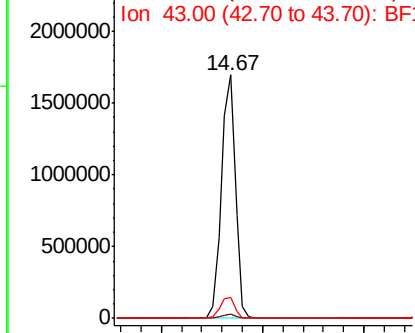
#85
Di-n-octyl phthalate
Concen: 45.828 ng
RT: 14.67 min Scan# 2139
Delta R.T. -0.02 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Instrument :
BNA_E
ClientSampleId :

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

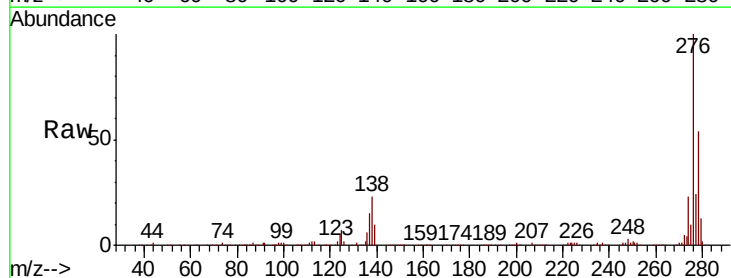


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

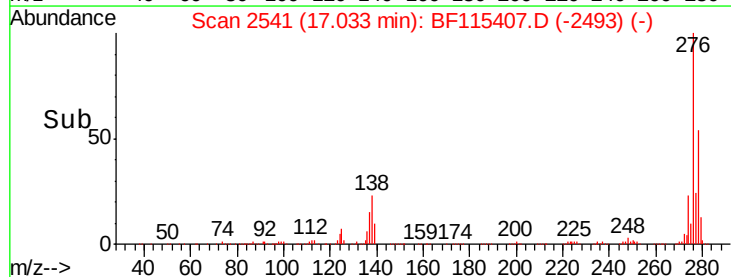
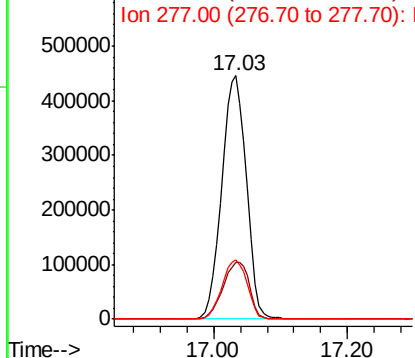


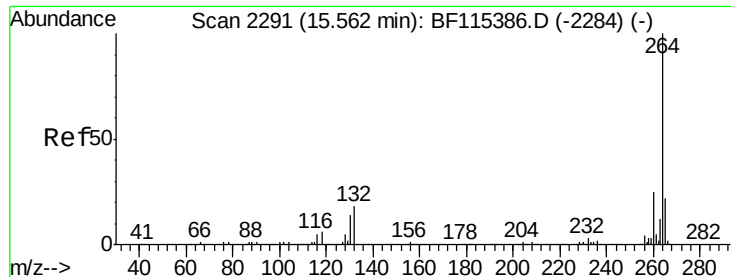
#86
Indeno(1,2,3-cd)pyrene
Concen: 45.921 ng
RT: 17.03 min Scan# 2541
Delta R.T. -0.02 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

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



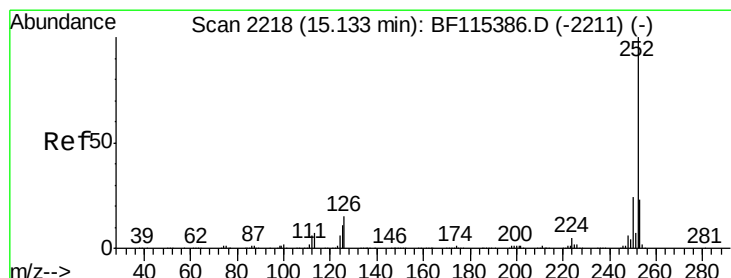
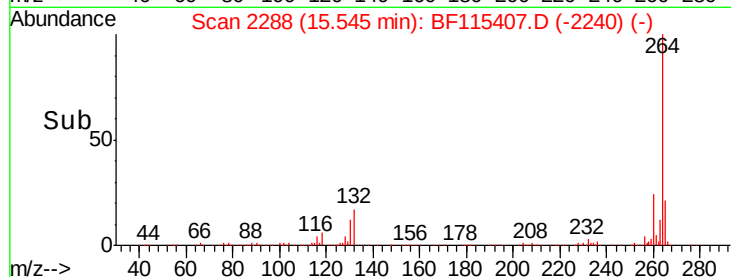
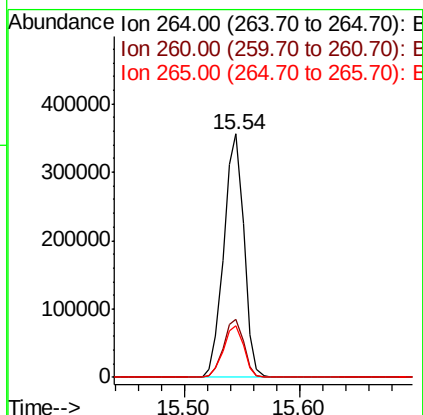
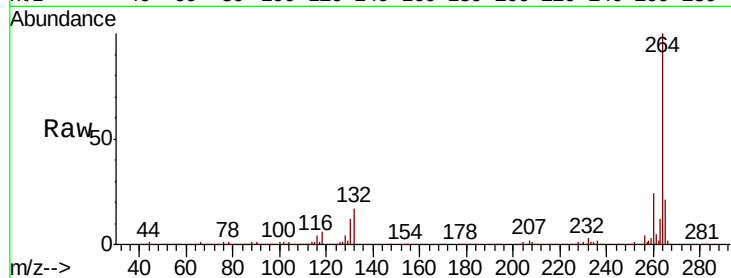


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.02 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

Instrument :
BNA_E
ClientSampleId :

Tot Ion:264 Resp: 430561

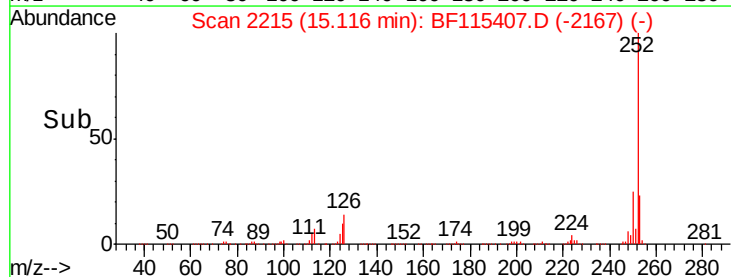
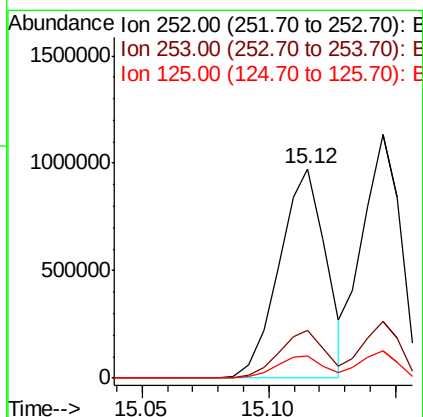
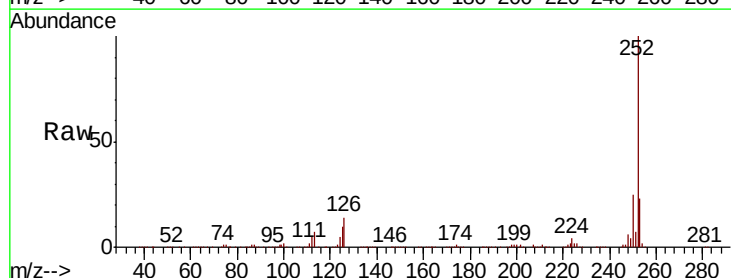
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.9	29.9
265	21.4	17.4	26.2

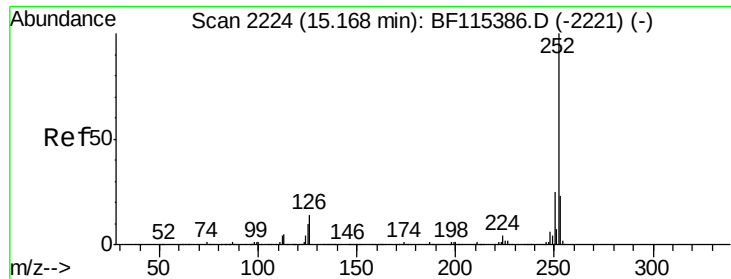


#88
Benzo(b)fluoranthene
Concen: 44.506 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

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

ClientSampled :

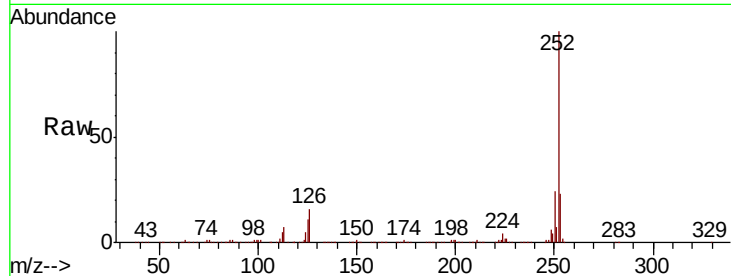
Tot Ion:252 Resp: 1196836

Ion Ratio Lower Upper

252 100

253 23.2 18.3 27.5

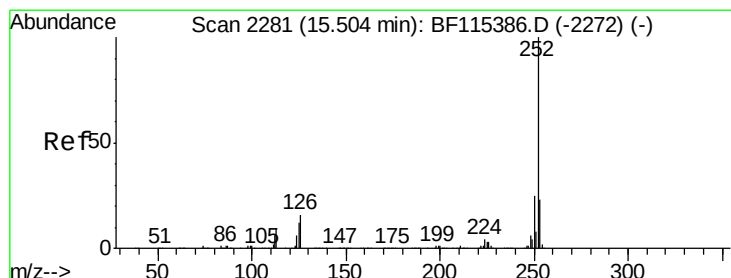
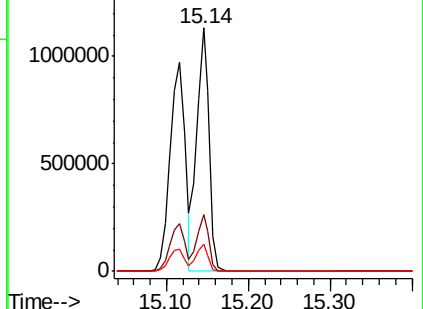
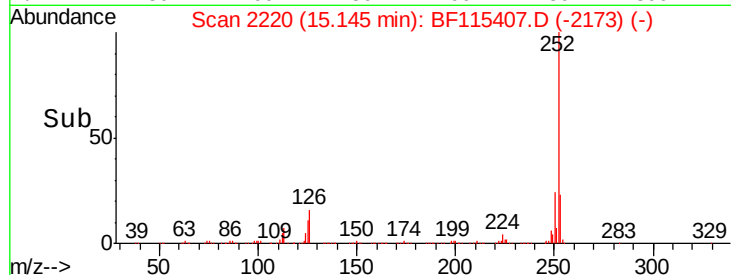
125 11.1 8.3 12.5



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

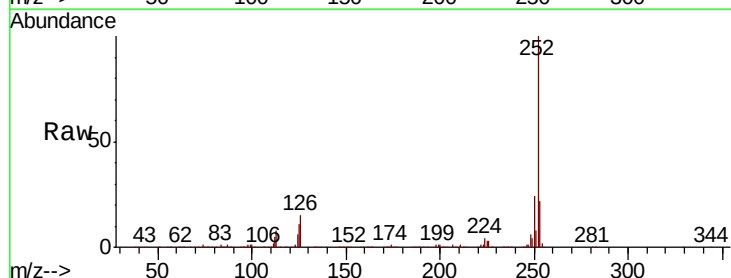
Tgt Ion:252 Resp: 1125921

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.2

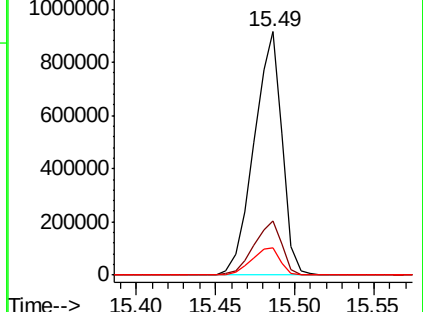
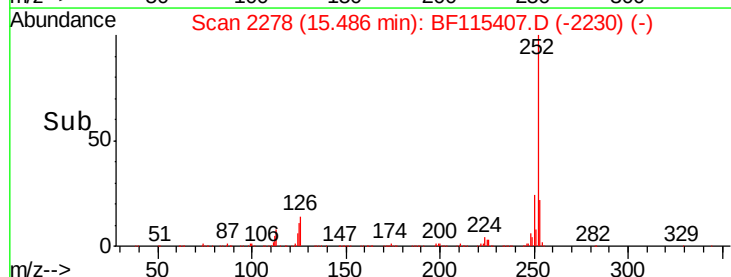
125 11.1 10.0 15.0

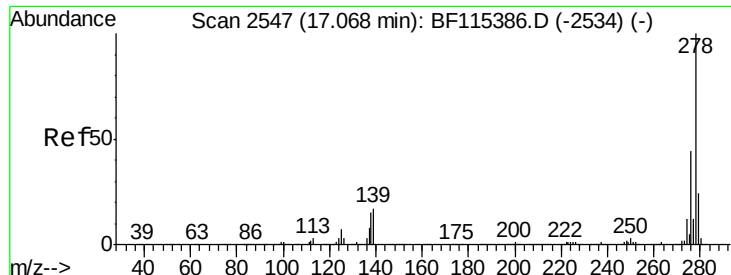


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



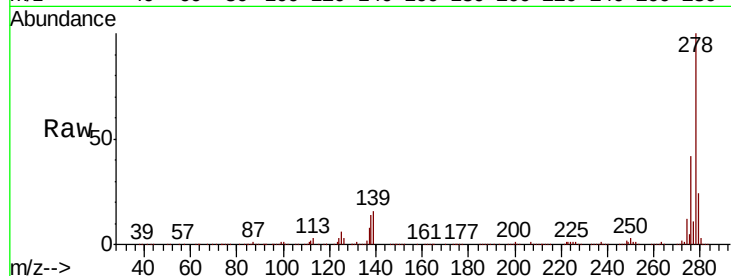


#91
Dibenzo(a,h)anthracene
Concen: 47.172 ng
RT: 17.05 min Scan# 2544
Delta R.T. -0.02 min
Lab File: BF115407.D
Acq: 8 Jul 2019 15:54

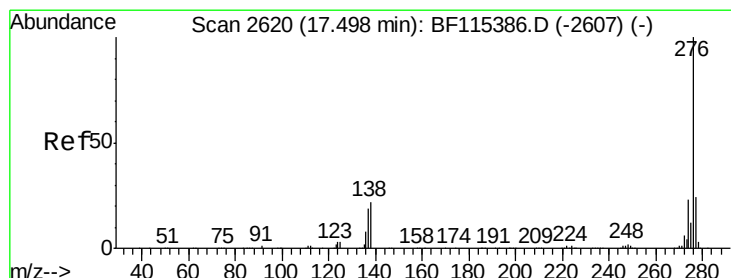
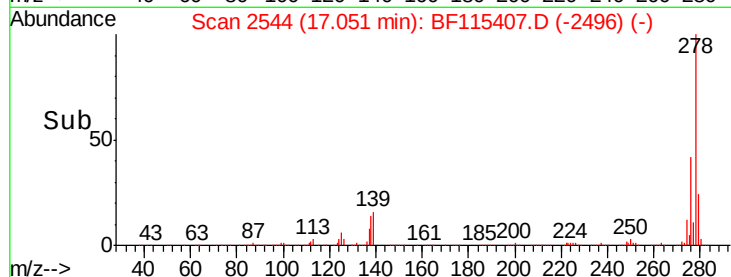
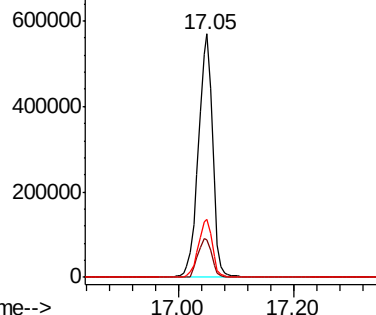
Instrument :
BNA_E
ClientSampleId :

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



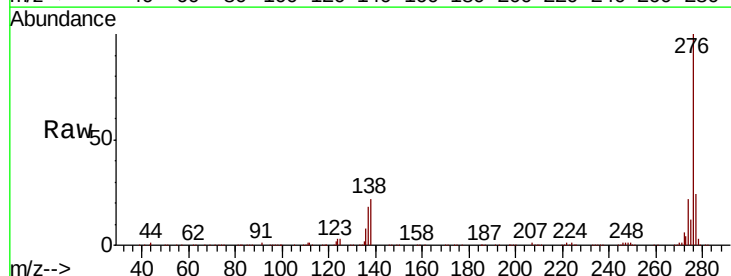
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#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

