

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081319\
 Data File : BF116224.D
 Acq On : 13 Aug 2019 11:50
 Operator : HP/JU
 Sample : PB122181BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122181BS

Quant Time: Aug 13 23:43:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	127110	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	523692	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	277676	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	480915	20.00	ng	0.00
76) Chrysene-d12	14.00	240	335416	20.00	ng	0.00
87) Perylene-d12	15.47	264	295416	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	885634	116.64	ng	0.00
7) Phenol-d6	6.48	99	1081798	112.92	ng	0.00
23) Nitrobenzene-d5	7.40	82	715057	78.82	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	302639	112.42	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1221254	82.38	ng	-0.01
79) Terphenyl-d14	12.94	244	1365225	85.77	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	155806	40.618	ng	99
3) Pyridine	3.45	79	370156	34.545	ng	97
4) n-Nitrosodimethylamine	3.40	42	159641	37.753	ng	100
6) Aniline	6.50	93	429466	31.304	ng	# 65
8) 2-Chlorophenol	6.63	128	375005	44.664	ng	98
9) Benzaldehyde	6.39	77	153879	23.280	ng	98
10) Phenol	6.49	94	465002	41.219	ng	94
11) bis(2-Chloroethyl)ether	6.57	93	362801	43.742	ng	97
12) 1,3-Dichlorobenzene	6.77	146	403473	41.580	ng	100
13) 1,4-Dichlorobenzene	6.85	146	413132	42.522	ng	98
14) 1,2-Dichlorobenzene	7.00	146	377286	42.173	ng	98
15) Benzyl Alcohol	6.98	79	304075	41.826	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	474753	41.965	ng	93
17) 2-Methylphenol	7.10	107	310564	43.683	ng	97
18) Hexachloroethane	7.35	117	148630	41.550	ng	94
19) n-Nitroso-di-n-propylamine	7.25	70	257528	43.381	ng	98
20) 3+4-Methylphenols	7.25	107	383357	45.566	ng	96
22) Acetophenone	7.25	105	507670	44.202	ng	98
24) Nitrobenzene	7.42	77	416193	42.485	ng	97
25) Isophorone	7.66	82	759852	43.801	ng	99
26) 2-Nitrophenol	7.73	139	207877	45.017	ng	99
27) 2,4-Dimethylphenol	7.77	122	333754	48.041	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	467563	43.484	ng	100
29) 2,4-Dichlorophenol	7.98	162	329232	44.883	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	348546	41.684	ng	99
31) Naphthalene	8.14	128	1084729	44.016	ng	99
32) Benzoic acid	7.93	122	174817	35.691	ng	97
33) 4-Chloroaniline	8.19	127	291702	26.492	ng	97
34) Hexachlorobutadiene	8.25	225	197747	41.058	ng	99
35) Caprolactam	8.57	113	100557m	42.385	ng	
36) 4-Chloro-3-methylphenol	8.69	107	343058	44.955	ng	96
37) 2-Methylnaphthalene	8.83	142	715309	44.073	ng	99
38) 1-Methylnaphthalene	8.93	142	666536	43.410	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	331507	44.657	ng	99

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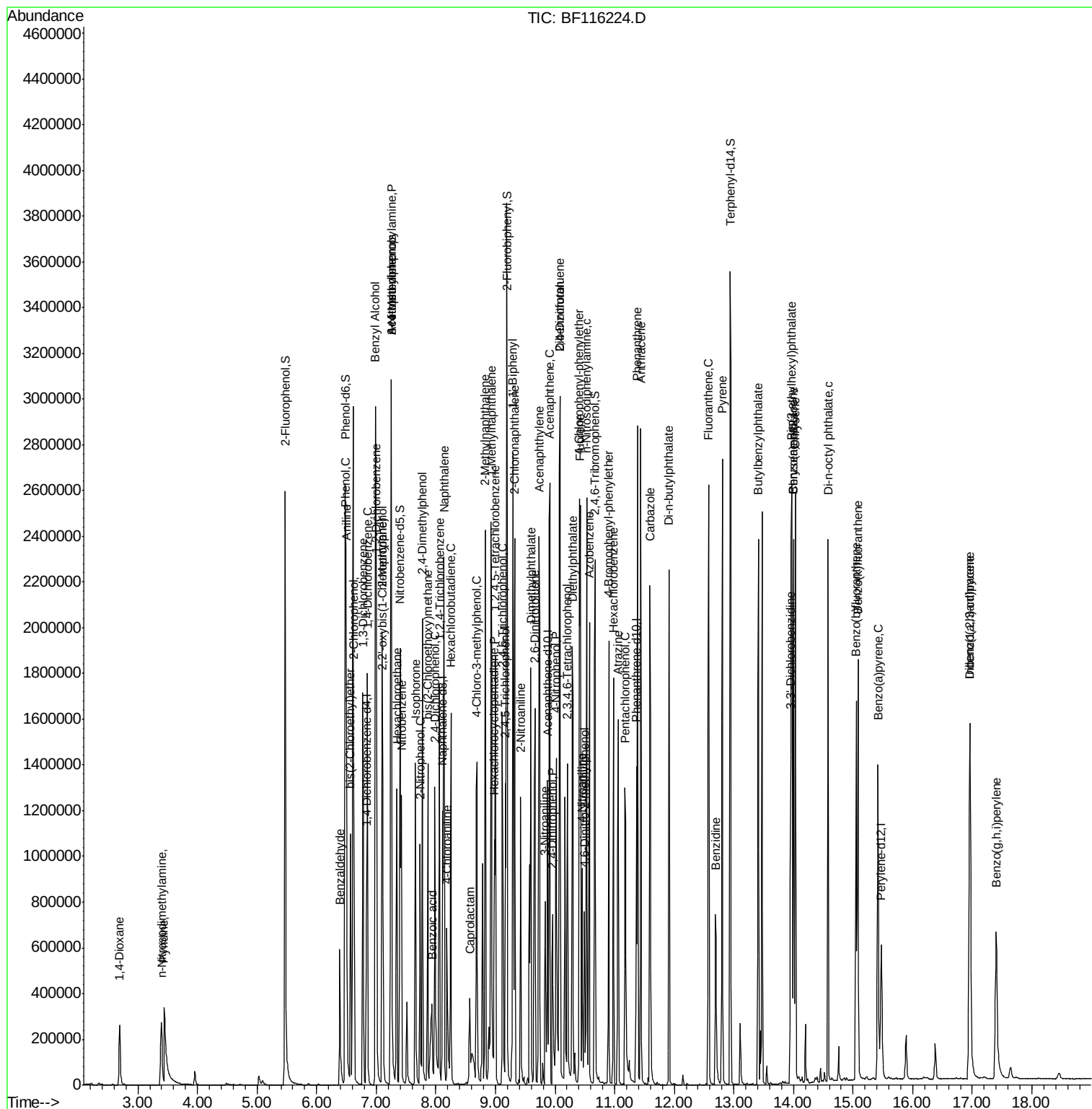
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	133675	43.064	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	212758	41.639	ng	98
44) 2,4,5-Trichlorophenol	9.17	196	219975	41.648	ng	97
46) 1,1'-Biphenyl	9.29	154	876393	44.705	ng	100
47) 2-Chloronaphthalene	9.32	162	688810	42.216	ng	99
48) 2-Nitroaniline	9.42	65	216518	40.147	ng	95
49) Acenaphthylene	9.73	152	1031857	43.348	ng	99
50) Dimethylphthalate	9.59	163	813916	43.049	ng	100
51) 2,6-Dinitrotoluene	9.66	165	178914	43.545	ng	90
52) Acenaphthene	9.91	154	618968	42.386	ng	98
53) 3-Nitroaniline	9.83	138	141264	27.825	ng	98
54) 2,4-Dinitrophenol	9.96	184	135840	66.467	ng	98
55) Dibenzofuran	10.08	168	887011	41.767	ng	99
56) 4-Nitrophenol	10.02	139	206043	63.354	ng	95
57) 2,4-Dinitrotoluene	10.07	165	216595	39.594	ng	91
58) Fluorene	10.42	166	716368	43.844	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	199572	44.911	ng	98
60) Diethylphthalate	10.29	149	788889	44.692	ng	99
61) 4-Chlorophenyl-phenylether	10.41	204	368695	44.555	ng	100
62) 4-Nitroaniline	10.46	138	174973	33.349	ng	98
63) Azobenzene	10.57	77	809024	44.560	ng	96
65) 4,6-Dinitro-2-methylphenol	10.49	198	109545	42.984	ng	97
66) n-Nitrosodiphenylamine	10.53	169	650560	44.944	ng	99
67) 4-Bromophenyl-phenylether	10.90	248	224928	43.691	ng	97
68) Hexachlorobenzene	10.98	284	248048	41.667	ng	95
69) Atrazine	11.06	200	202299	42.482	ng	98
70) Pentachlorophenol	11.17	266	225670	78.081	ng	98
71) Phenanthrene	11.39	178	1047984	42.626	ng	100
72) Anthracene	11.44	178	1091554	43.870	ng	99
73) Carbazole	11.59	167	998789	44.246	ng	99
74) Di-n-butylphthalate	11.91	149	1236584	46.959	ng	99
75) Fluoranthene	12.57	202	1115631	43.345	ng	98
77) Benzidine	12.69	184	382666	33.769	ng	99
78) Pyrene	12.80	202	1123889	44.450	ng	100
80) Butylbenzylphthalate	13.41	149	519402	48.564	ng	98
81) Benzo(a)anthracene	14.00	228	925912	43.189	ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	282815	37.971	ng	98
83) Chrysene	14.03	228	898239	43.156	ng	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	718963	51.730	ng	98
85) Di-n-octyl phthalate	14.58	149	1142311	51.745	ng	99
86) Indeno(1,2,3-cd)pyrene	16.96	276	797349	45.612	ng	99
88) Benzo(b)fluoranthene	15.05	252	793411	46.449	ng	100
89) Benzo(k)fluoranthene	15.08	252	800681	48.125	ng	98
90) Benzo(a)pyrene	15.42	252	765838	50.155	ng	98
91) Dibenzo(a,h)anthracene	16.96	278	671756	50.824	ng	99
92) Benzo(g,h,i)perylene	17.40	276	667832	51.448	ng	99

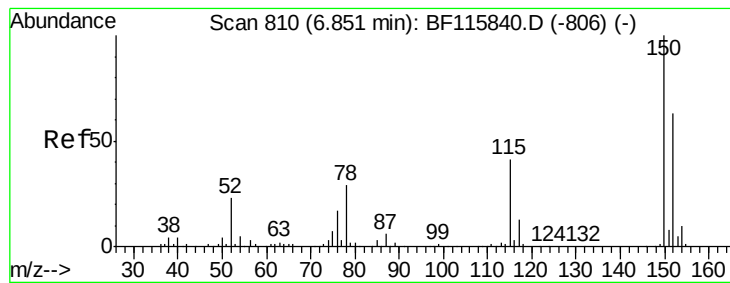
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.01 min

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Acq: 13 Aug 2019 11:50

Instrument :

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ClientSampleId :

PB122181BS

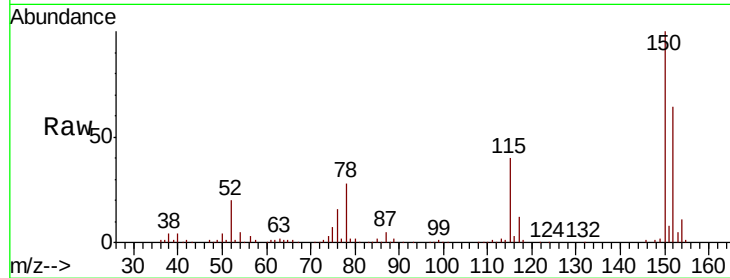
Tot Ion:152 Resp: 127110

Ion Ratio Lower Upper

152 100

150 155.6 126.2 189.2

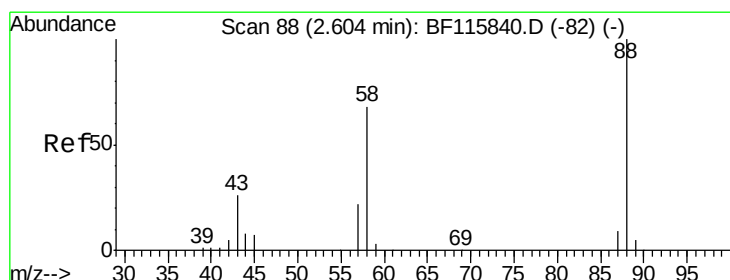
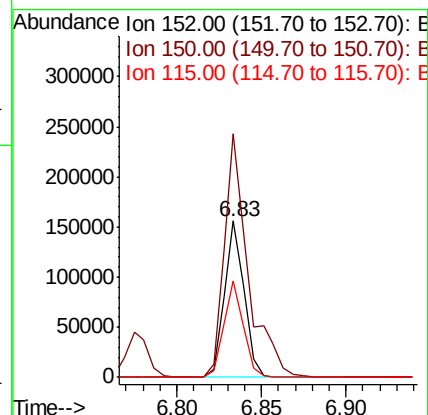
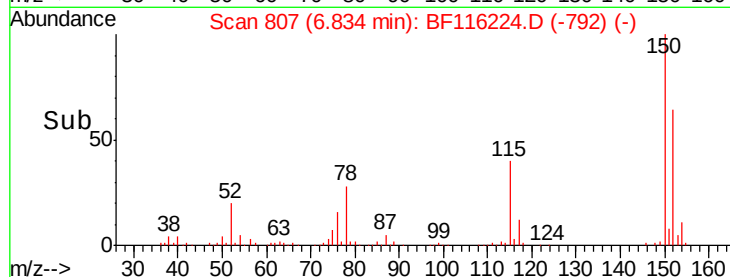
115 61.5 49.9 74.9



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: 40.618 ng

RT: 2.70 min Scan# 104

Delta R.T. 0.09 min

Lab File: BF116224.D

Acq: 13 Aug 2019 11:50

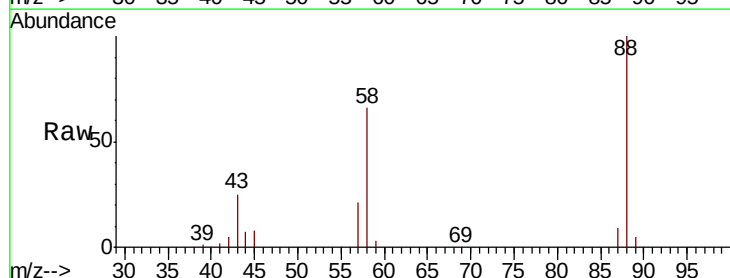
Tgt Ion: 88 Resp: 155806

Ion Ratio Lower Upper

88 100

58 67.7 53.7 80.5

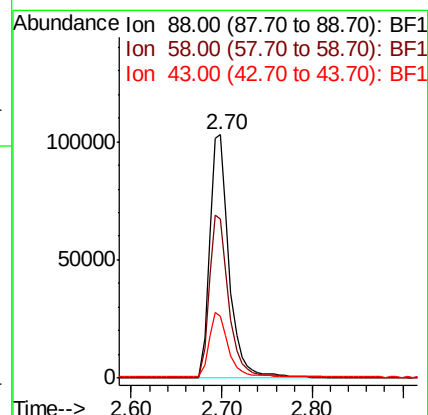
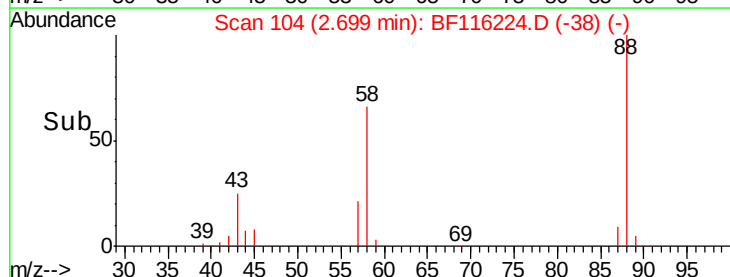
43 26.2 21.0 31.4

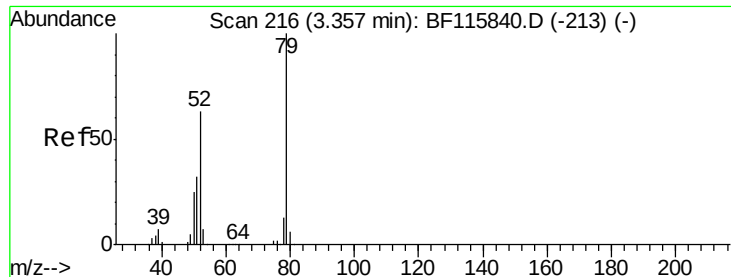


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 34.545 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.08 min

Lab File: BF116224.D

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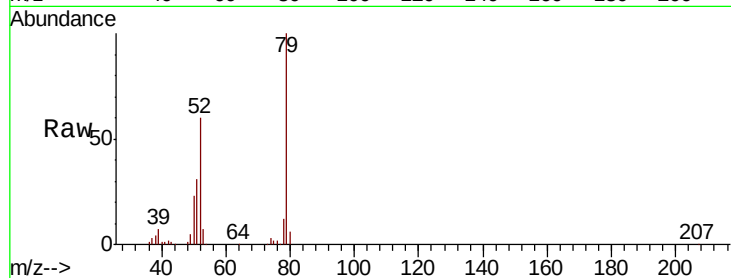
Tot Ion: 79 Resp: 370156

Ion Ratio Lower Upper

79 100

52 59.9 49.8 74.8

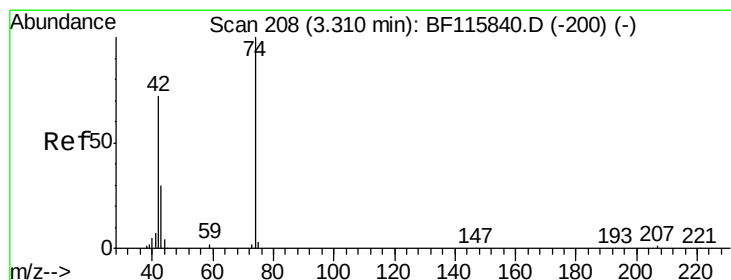
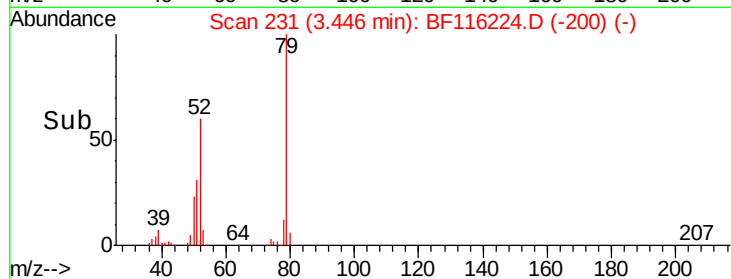
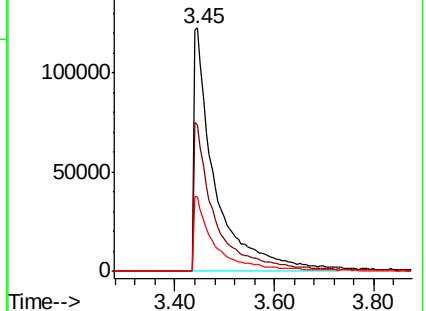
51 30.5 25.2 37.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 37.753 ng

RT: 3.40 min Scan# 223

Delta R.T. 0.06 min

Lab File: BF116224.D

Acq: 13 Aug 2019 11:50

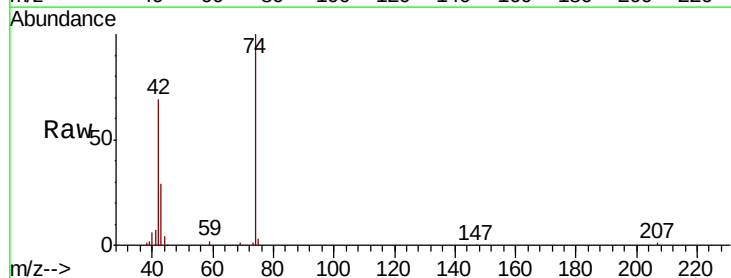
Tgt Ion: 42 Resp: 159641

Ion Ratio Lower Upper

42 100

74 144.5 116.0 174.0

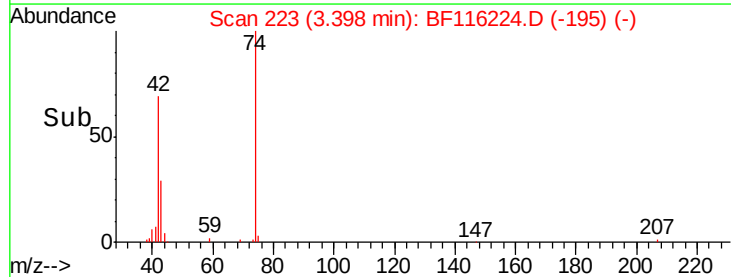
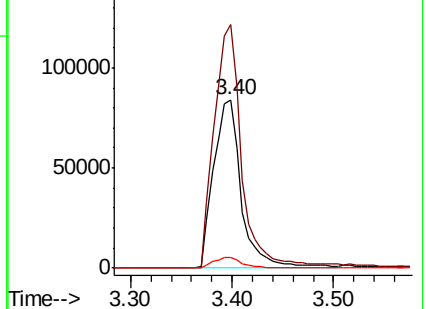
44 6.2 4.6 7.0

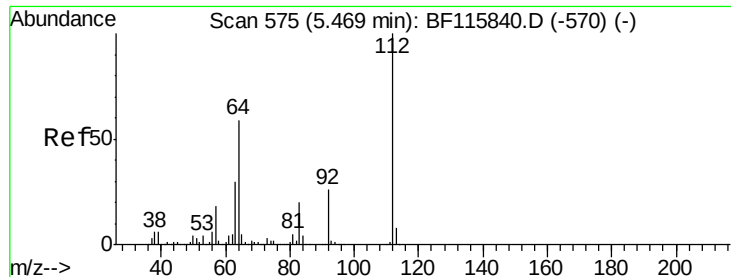


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 116.640 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

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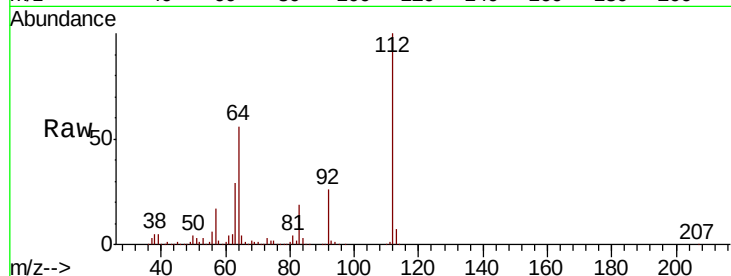
Tot Ion:112 Resp: 885634

Ion Ratio Lower Upper

112 100

64 55.7 45.4 68.2

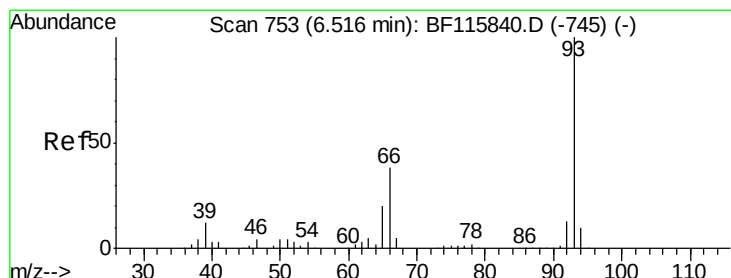
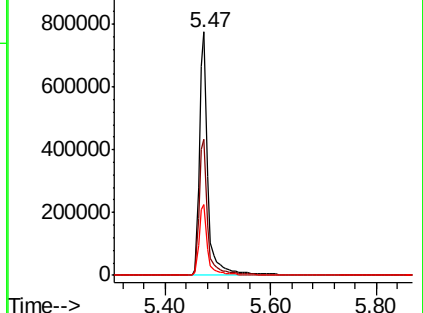
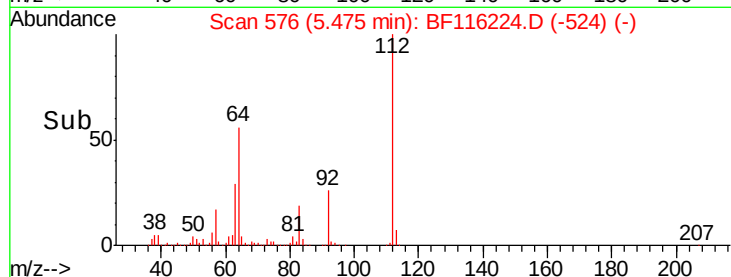
63 29.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 31.304 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF116224.D

Acq: 13 Aug 2019 11:50

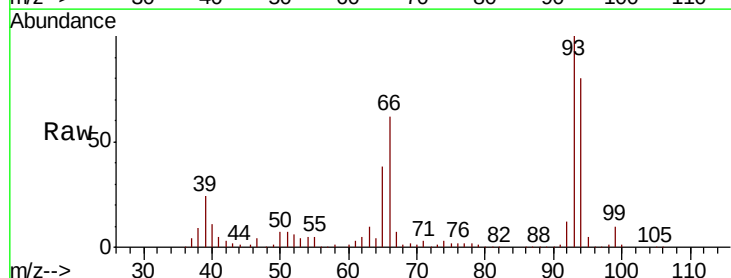
Tgt Ion: 93 Resp: 429466

Ion Ratio Lower Upper

93 100

66 61.9 32.2 48.4#

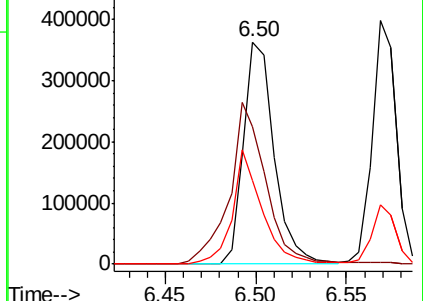
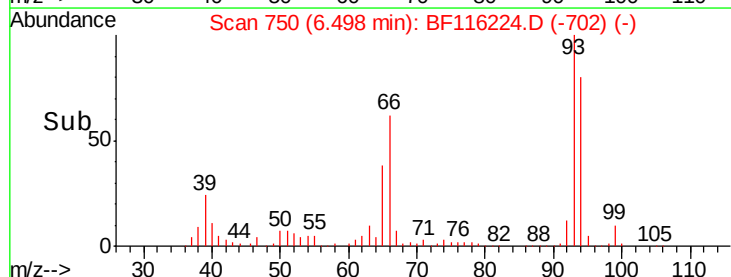
65 37.9 17.0 25.6#

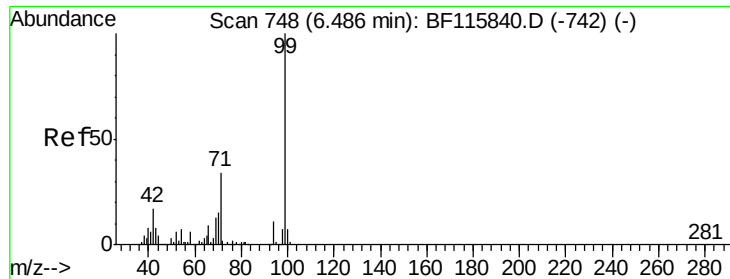


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 112.925 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

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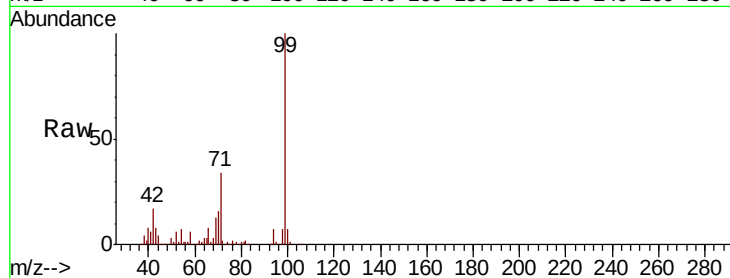
Tot Ion: 99 Resp: 1081798

Ion Ratio Lower Upper

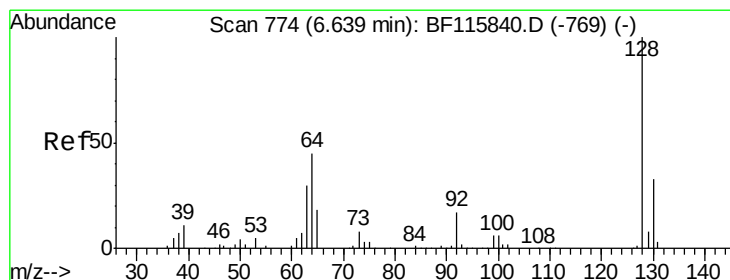
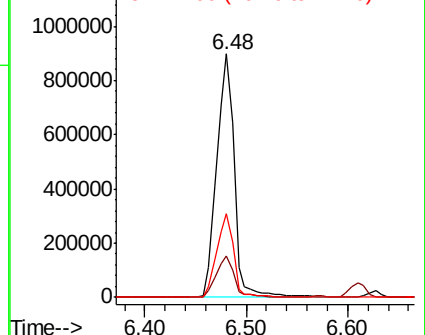
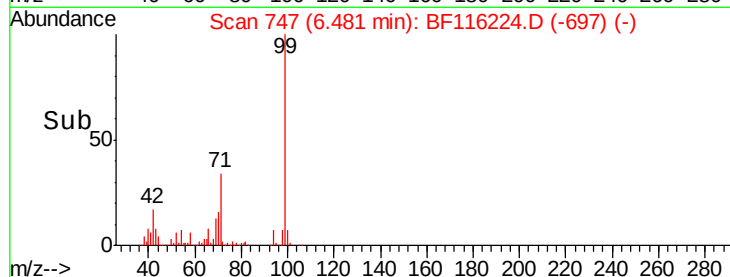
99 100

42 17.0 13.8 20.8

71 34.2 27.3 40.9



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: 44.664 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF116224.D

Acq: 13 Aug 2019 11:50

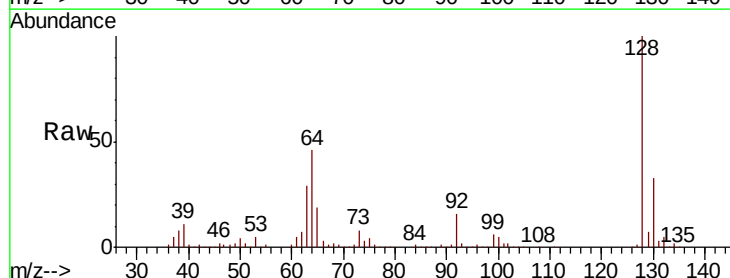
Tgt Ion: 128 Resp: 375005

Ion Ratio Lower Upper

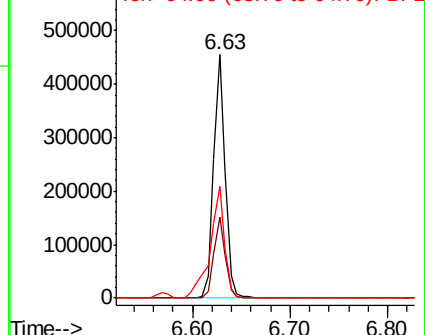
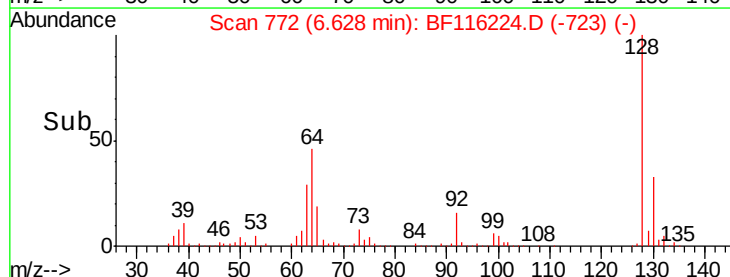
128 100

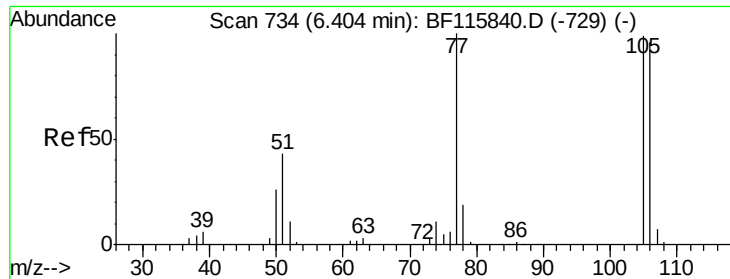
130 33.2 12.9 52.9

64 45.9 24.3 64.3



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

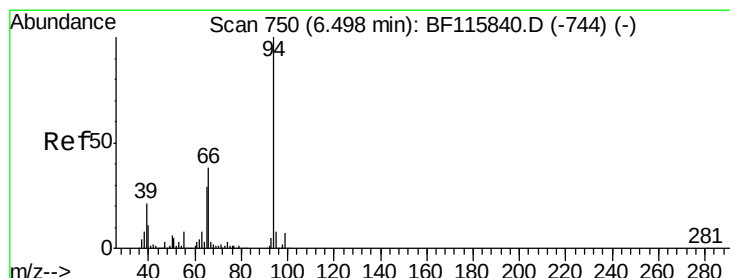
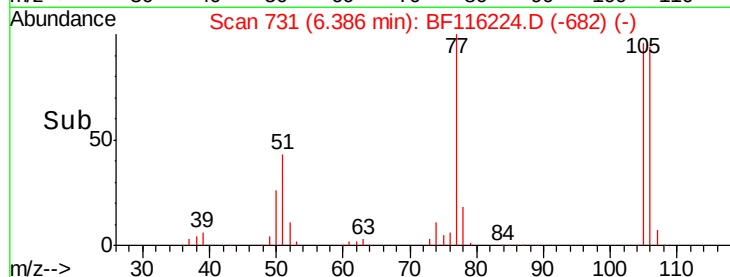
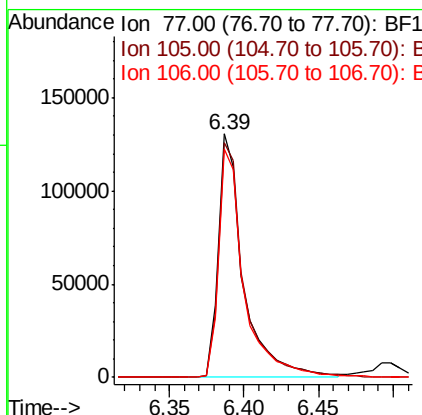
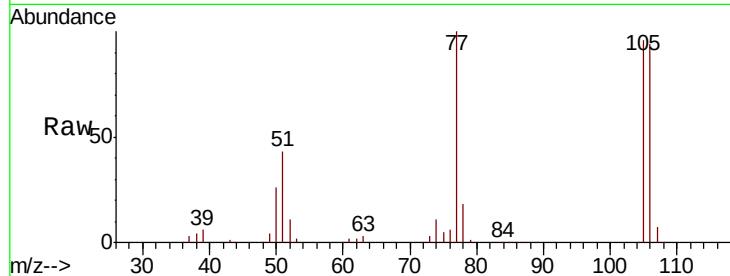




#9
Benzaldehyde
Concen: 23.280 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF116224.D
Acq: 13 Aug 2019 11:50

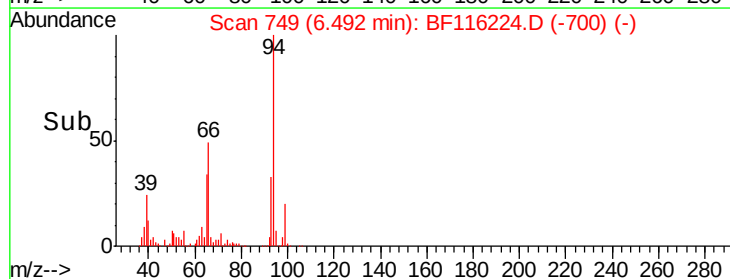
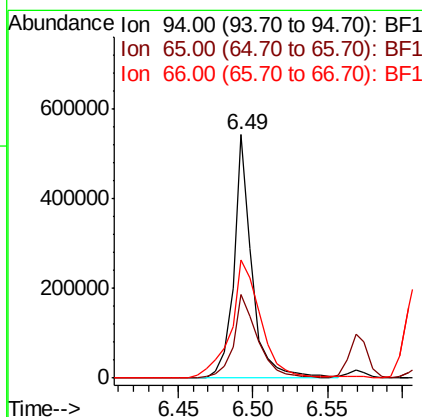
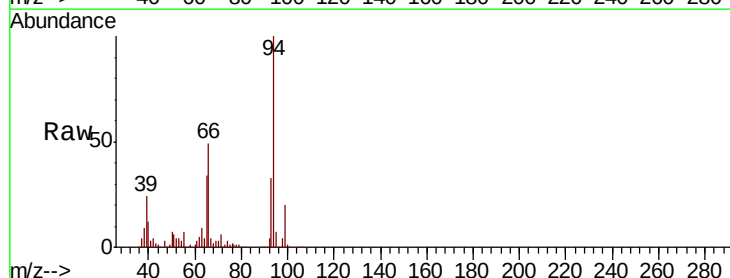
Instrument :
BNA_F
ClientSampleId :
PB122181BS

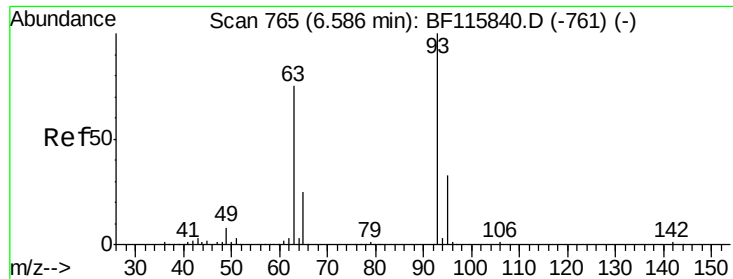
Tot Ion: 77 Resp: 153879
Ion Ratio Lower Upper
77 100
105 96.3 79.2 119.2
106 93.5 74.3 114.3



#10
Phenol
Concen: 41.219 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF116224.D
Acq: 13 Aug 2019 11:50

Tgt Ion: 94 Resp: 465002
Ion Ratio Lower Upper
94 100
65 34.4 16.8 56.8
66 48.6 34.2 74.2





#11

bis(2-Chloroethyl)ether

Concen: 43.742 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.02 min

Lab File: BF116224.D

Acq: 13 Aug 2019 11:50

Instrument :

BNA_F

ClientSampleId :

PB122181BS

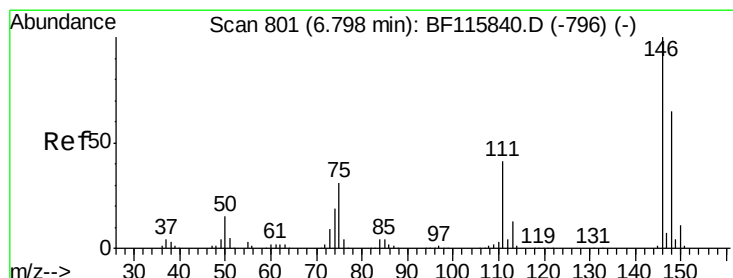
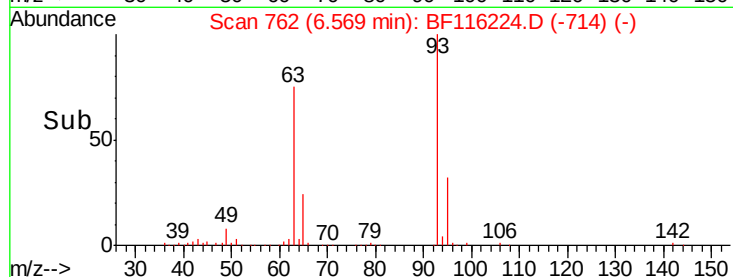
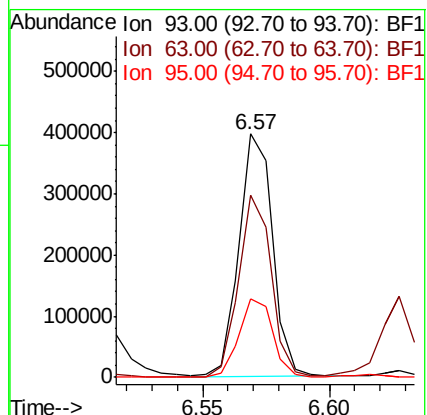
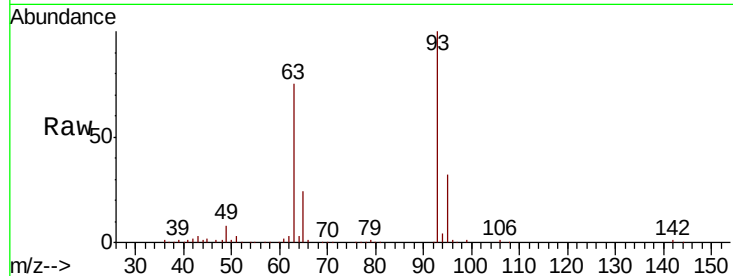
Tot Ion: 93 Resp: 362801

Ion Ratio Lower Upper

93 100

63 74.7 51.9 91.9

95 32.2 13.0 53.0



#12

1,3-Dichlorobenzene

Concen: 41.580 ng

RT: 6.77 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF116224.D

Acq: 13 Aug 2019 11:50

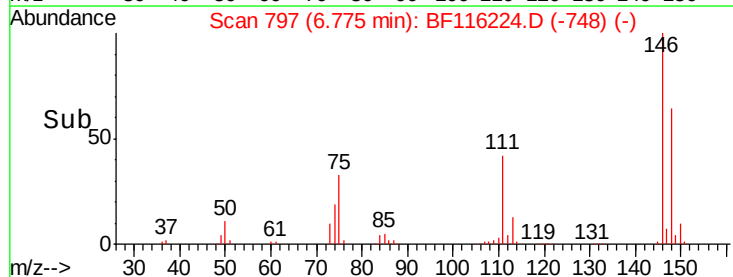
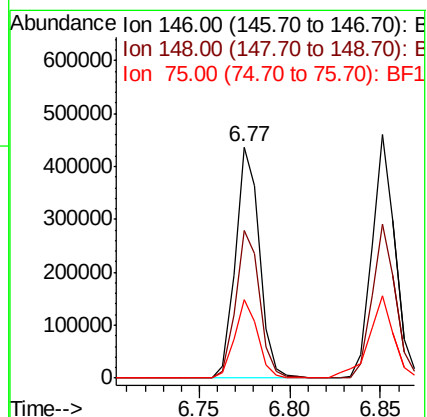
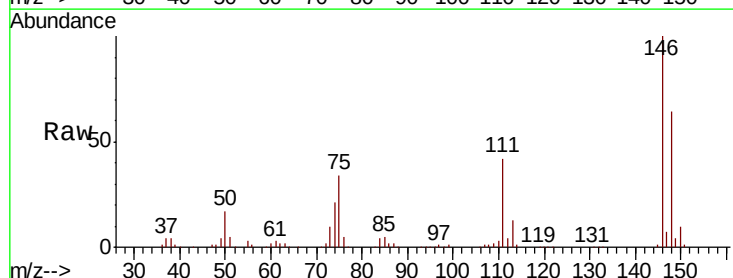
Tgt Ion: 146 Resp: 403473

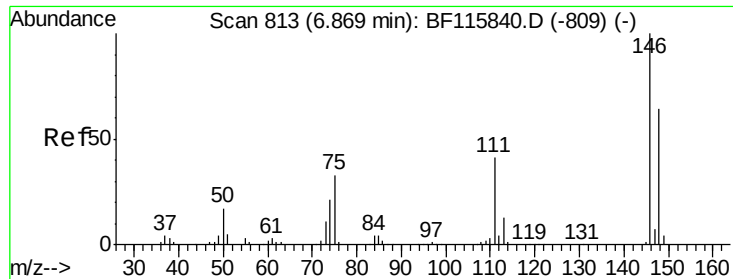
Ion Ratio Lower Upper

146 100

148 63.9 51.3 76.9

75 33.9 27.4 41.2

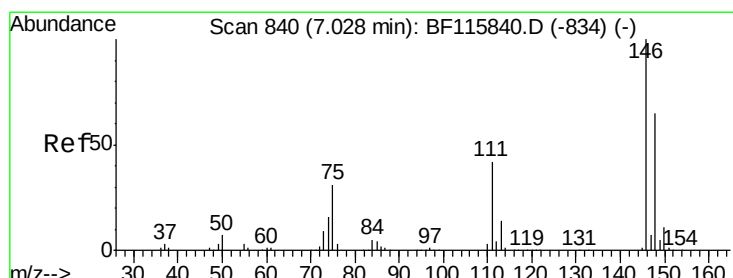
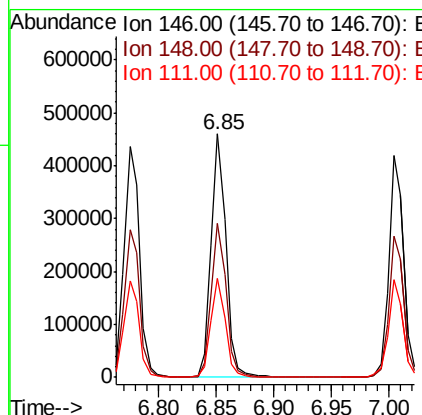
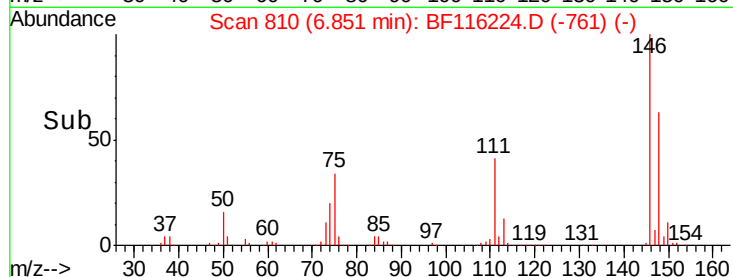
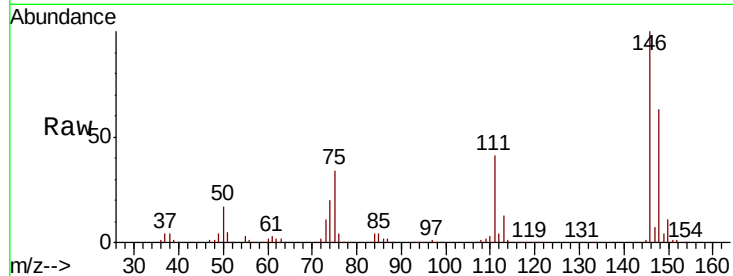




#13
 1,4-Dichlorobenzene
 Concen: 42.522 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF116224.D
 Acq: 13 Aug 2019 11:50

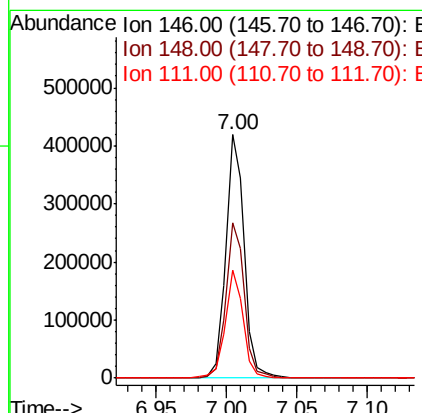
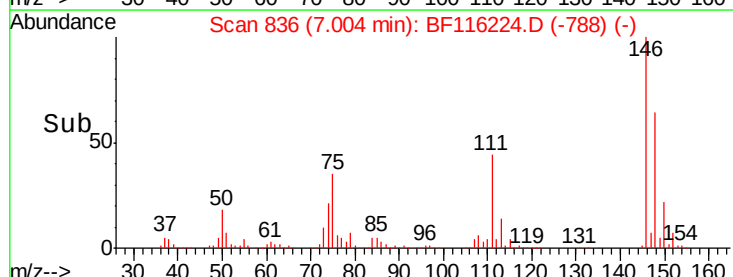
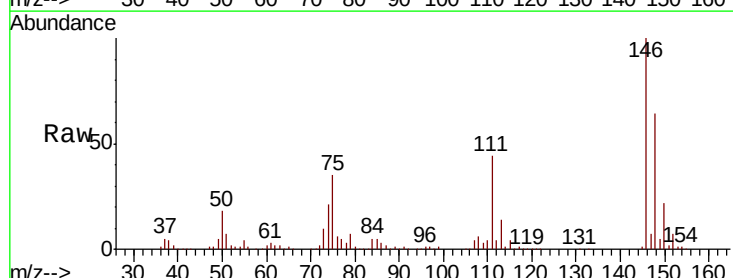
Instrument :
 BNA_F
 ClientSampleId :
 PB122181BS

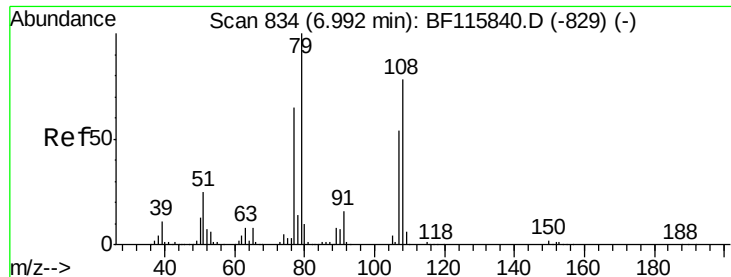
Tot Ion:146 Resp: 413132
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.3 76.9
 111 40.8 34.0 51.0



#14
 1,2-Dichlorobenzene
 Concen: 42.173 ng
 RT: 7.00 min Scan# 836
 Delta R.T. -0.02 min
 Lab File: BF116224.D
 Acq: 13 Aug 2019 11:50

Tgt Ion:146 Resp: 377286
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.2 76.8
 111 44.3 33.5 50.3





#15

Benzyl Alcohol

Concen: 41.826 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF116224.D

Acq: 13 Aug 2019 11:50

Instrument :

BNA_F

ClientSampleId :

PB122181BS

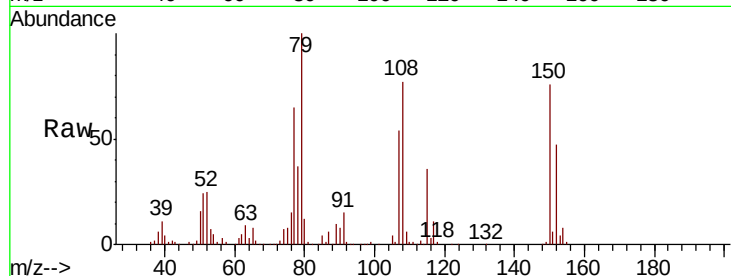
Tot Ion: 79 Resp: 304075

Ion Ratio Lower Upper

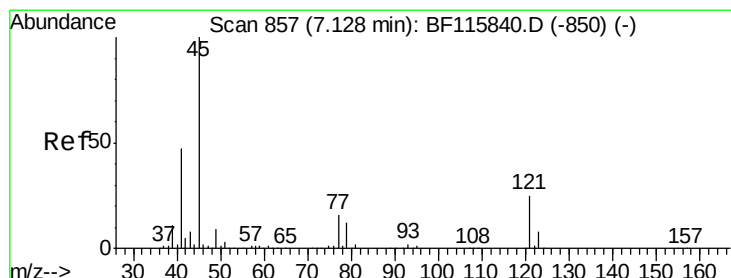
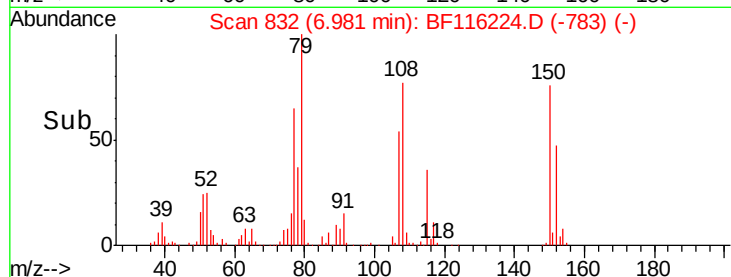
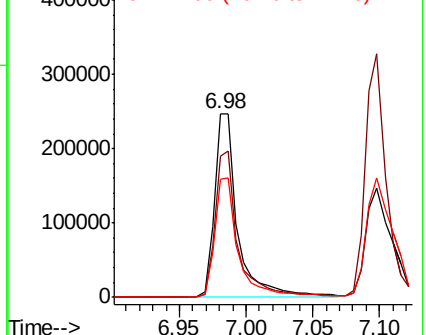
79 100

108 76.7 62.7 94.1

77 64.6 52.2 78.2



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: 41.965 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF116224.D

Acq: 13 Aug 2019 11:50

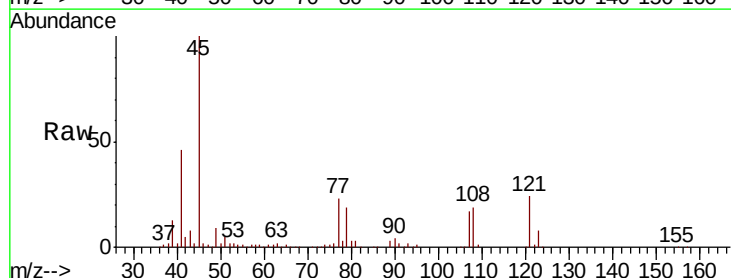
Tgt Ion: 45 Resp: 474753

Ion Ratio Lower Upper

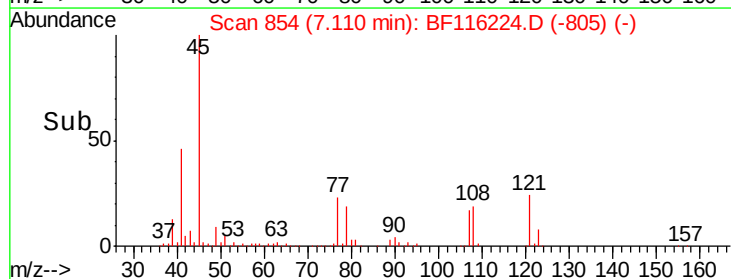
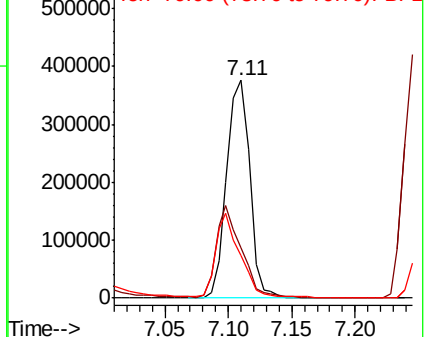
45 100

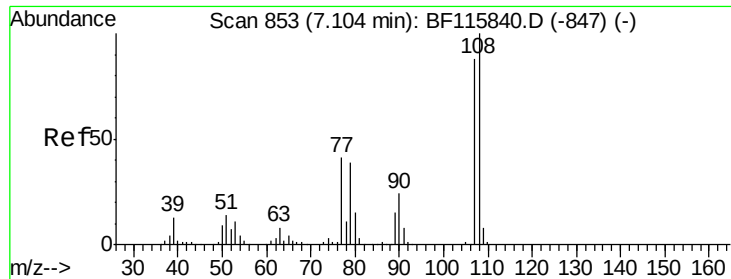
77 23.2 0.0 40.0

79 19.3 0.0 35.9



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

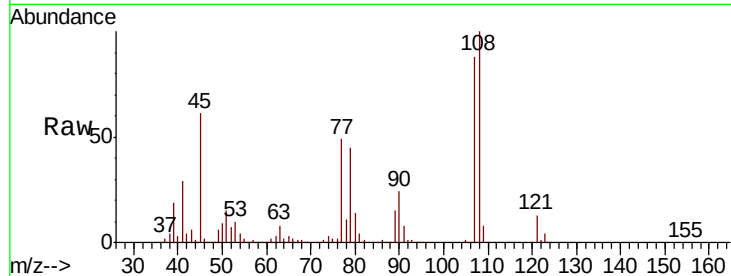




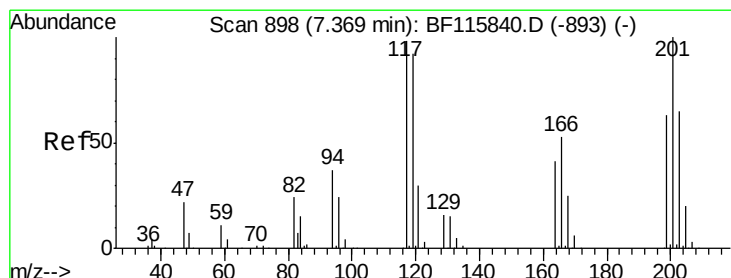
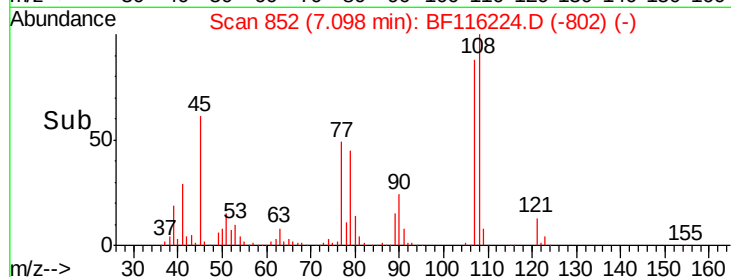
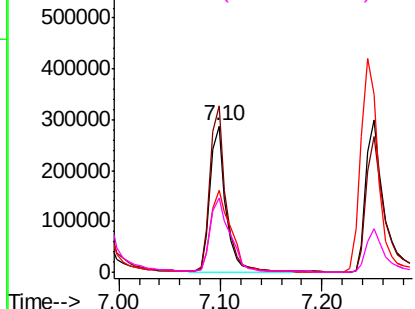
#17
2-Methylphenol
Concen: 43.683 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF116224.D
Acq: 13 Aug 2019 11:50

Instrument :
BNA_F
ClientSampleId :
PB122181BS

Tot Ion:107 Resp: 310564
Ion Ratio Lower Upper
107 100
108 113.6 91.2 136.8
77 55.5 40.3 60.5
79 50.8 37.6 56.4

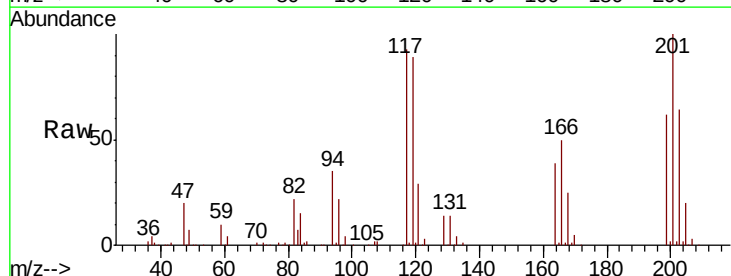


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

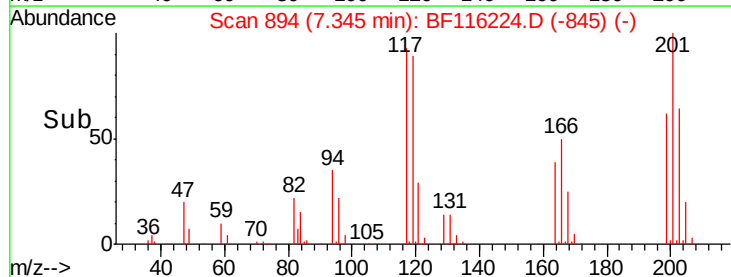
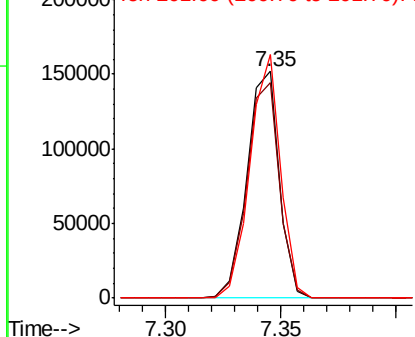


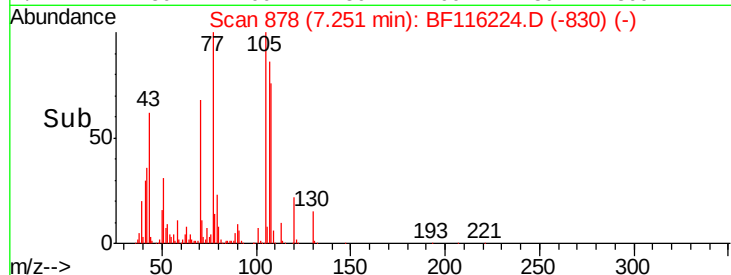
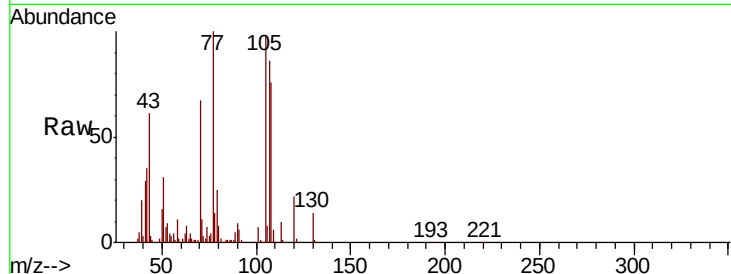
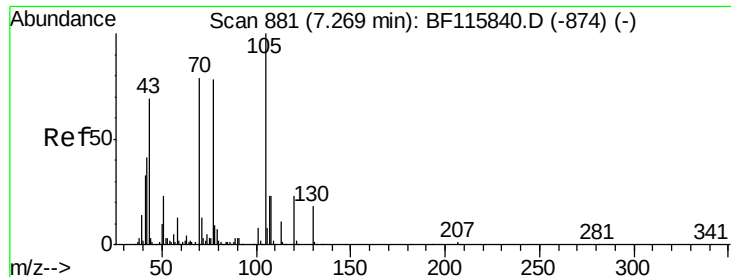
#18
Hexachloroethane
Concen: 41.550 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF116224.D
Acq: 13 Aug 2019 11:50

Tgt Ion:117 Resp: 148630
Ion Ratio Lower Upper
117 100
119 95.2 76.1 114.1
201 107.5 77.0 115.4



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

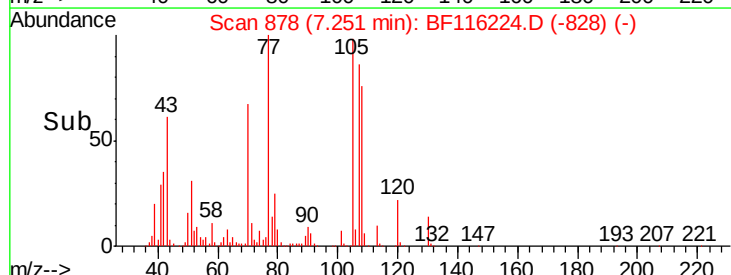
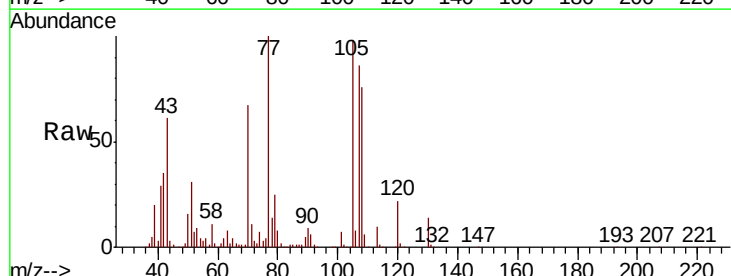
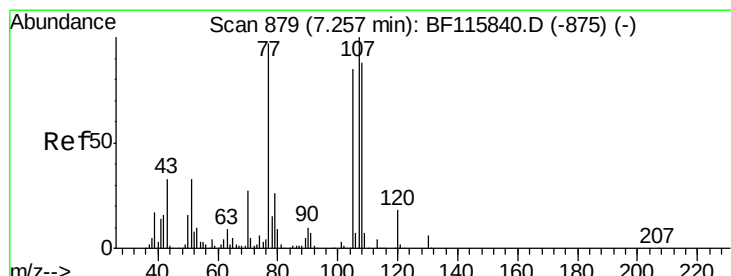
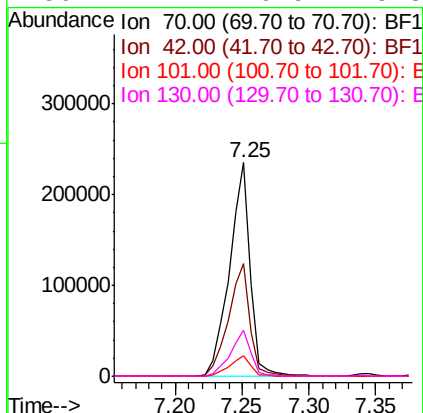




#19
n-Nitroso-di-n-propylamine
Concen: 43.381 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF116224.D
Acq: 13 Aug 2019 11:50

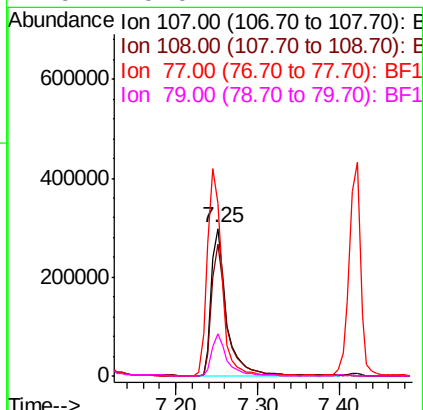
Instrument :
BNA_F
ClientSampleId :
PB122181BS

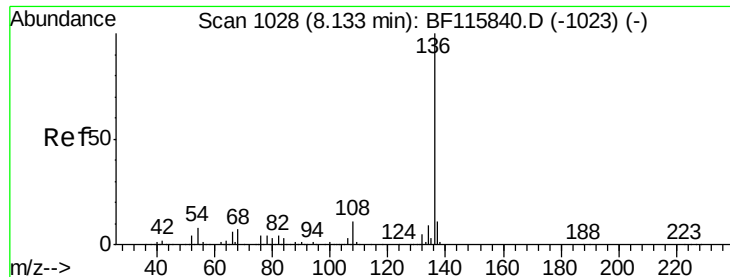
Tot Ion:	70	Resp:	257528
Ion	Ratio	Lower	Upper
70	100		
42	52.6	40.9	61.3
101	9.7	7.9	11.9
130	21.4	16.9	25.3



#20
3+4-Methylphenols
Concen: 45.566 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116224.D
Acq: 13 Aug 2019 11:50

Tgt Ion:	107	Resp:	383357
Ion	Ratio	Lower	Upper
107	100		
108	89.4	67.6	107.6
77	116.9	104.4	144.4
79	29.0	7.4	47.4

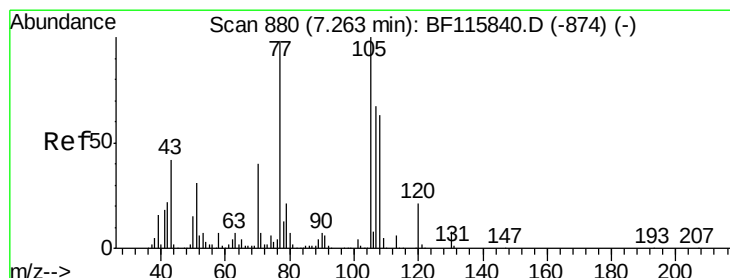
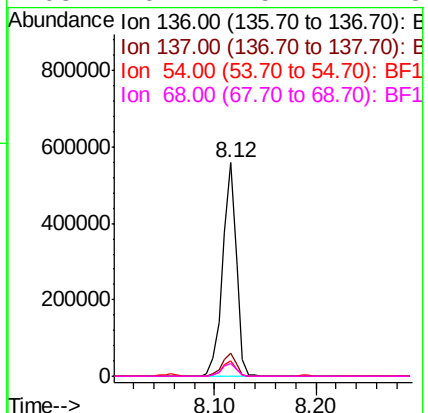
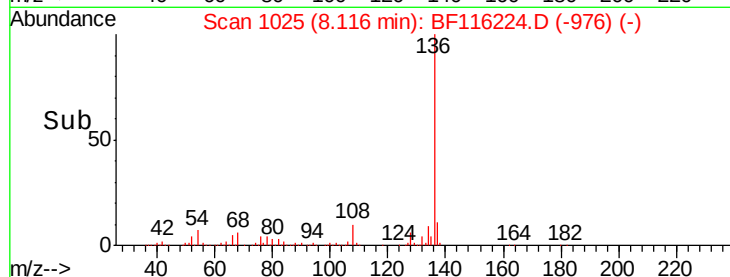
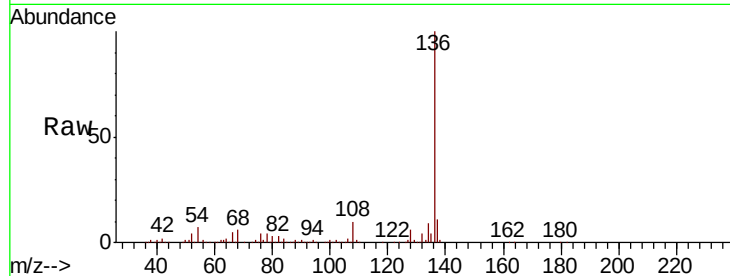




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116224.D
Acq: 13 Aug 2019 11:50

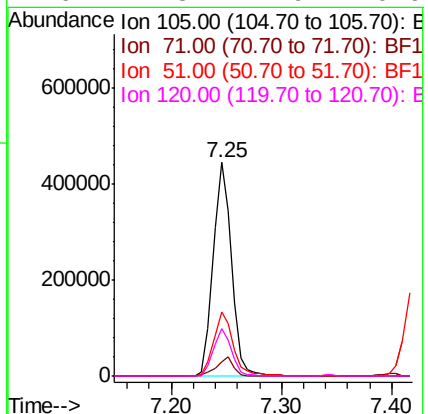
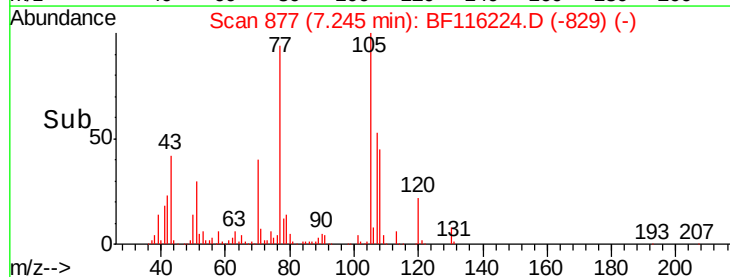
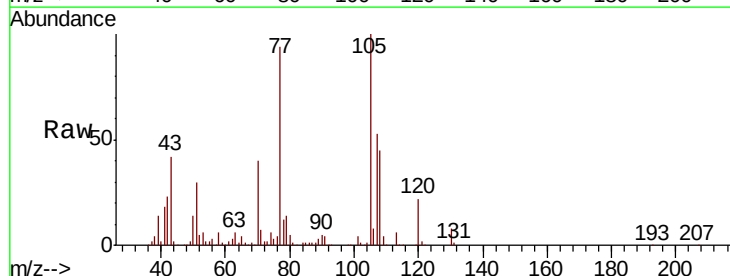
Instrument :
BNA_F
ClientSampleId :
PB122181BS

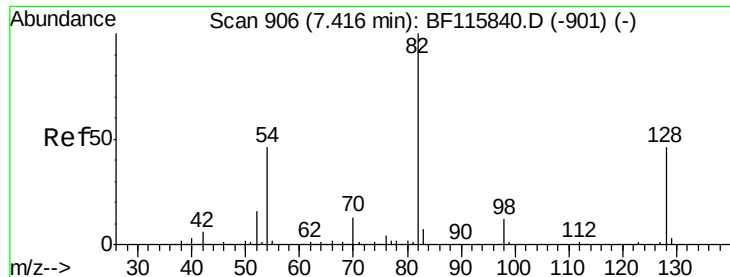
Tot Ion:136	Resp:	523692
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.0 13.4
54	6.9	5.8 8.6
68	6.2	5.2 7.8



#22
Acetophenone
Concen: 44.202 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF116224.D
Acq: 13 Aug 2019 11:50

Tgt Ion:105	Resp:	507670
Ion Ratio	Lower	Upper
105	100	
71	6.7	5.9 8.9
51	29.8	25.3 37.9
120	22.3	17.9 26.9

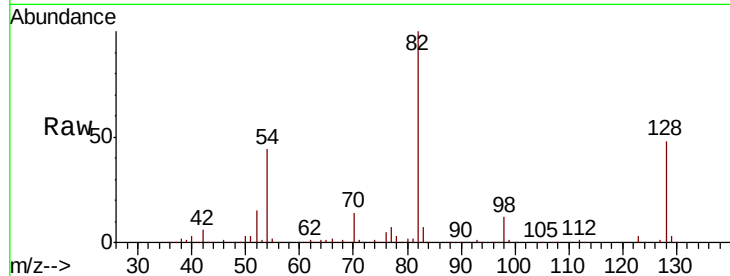




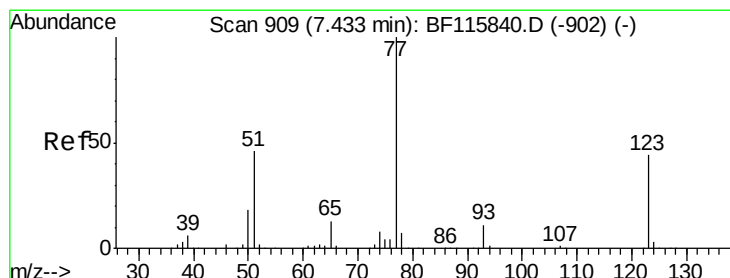
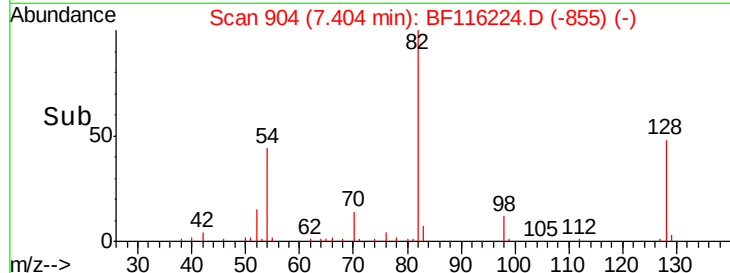
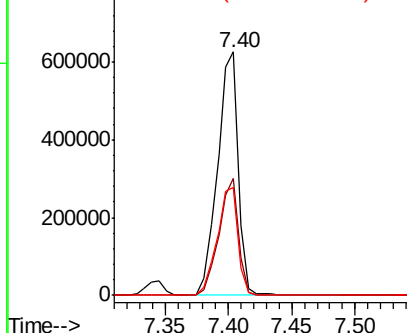
#23
 Nitrobenzene-d5
 Concen: 78.816 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF116224.D
 Acq: 13 Aug 2019 11:50

Instrument :
 BNA_F
 ClientSampleId :
 PB122181BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.9	36.5	54.7
54	44.2	36.0	54.0

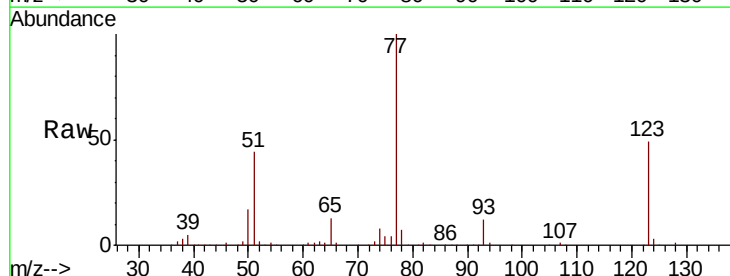


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

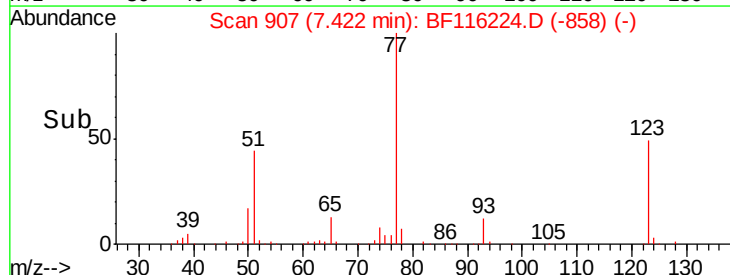
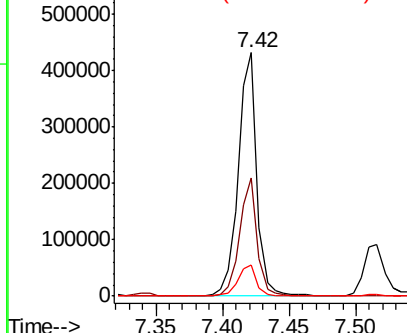


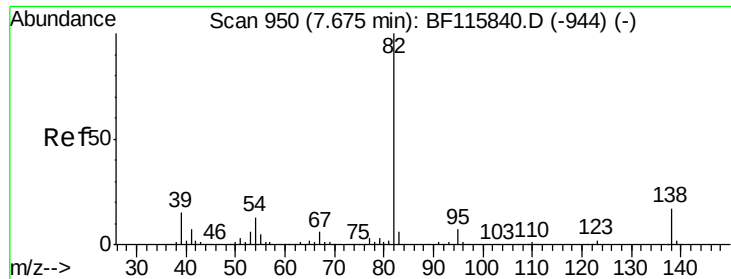
#24
 Nitrobenzene
 Concen: 42.485 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF116224.D
 Acq: 13 Aug 2019 11:50

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.6	36.7	55.1
65	12.9	10.6	16.0



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: 43.801 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.02 min

Lab File: BF116224.D

Acq: 13 Aug 2019 11:50

Instrument :

BNA_F

ClientSampleId :

PB122181BS

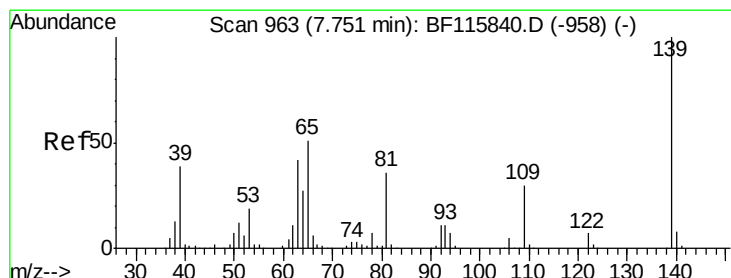
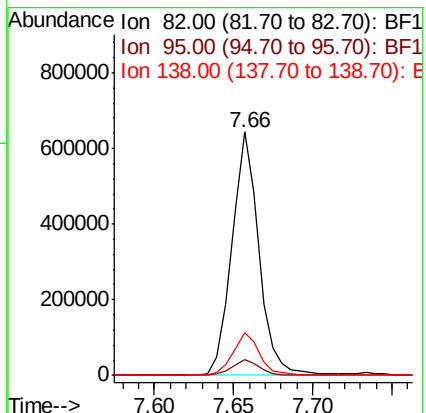
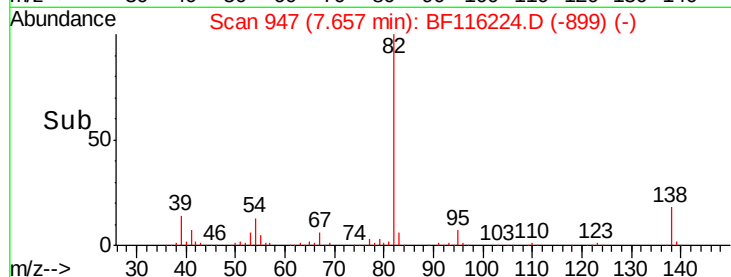
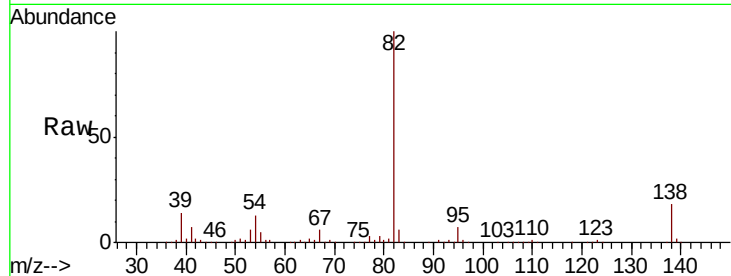
Tot Ion: 82 Resp: 759852

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.0

138 17.7 14.5 21.7



#26

2-Nitrophenol

Concen: 45.017 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF116224.D

Acq: 13 Aug 2019 11:50

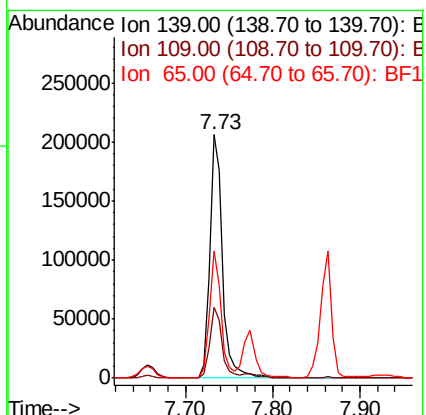
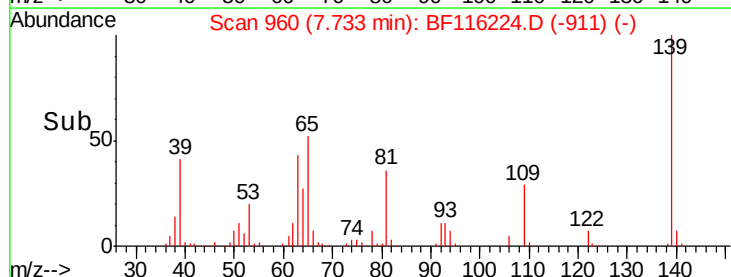
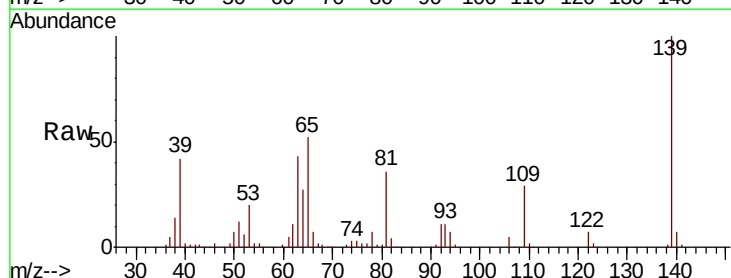
Tgt Ion: 139 Resp: 207877

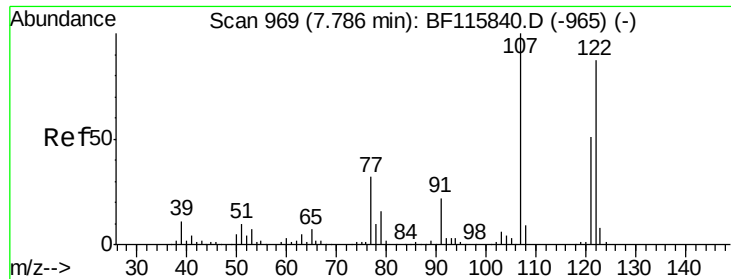
Ion Ratio Lower Upper

139 100

109 29.3 23.4 35.2

65 52.0 41.1 61.7





#27

2,4-Dimethylphenol

Concen: 48.041 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF116224.D

Acq: 13 Aug 2019 11:50

Instrument :

BNA_F

ClientSampleId :

PB122181BS

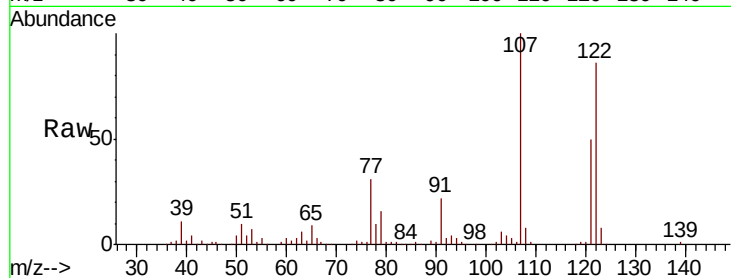
Tot Ion:122 Resp: 333754

Ion Ratio Lower Upper

122 100

107 115.7 93.0 139.6

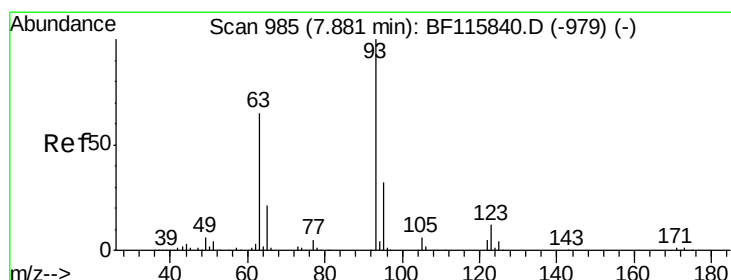
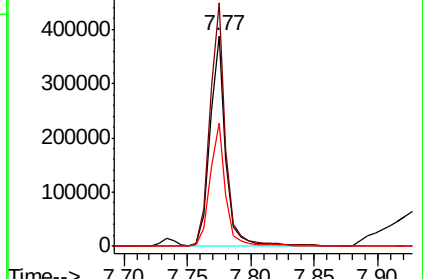
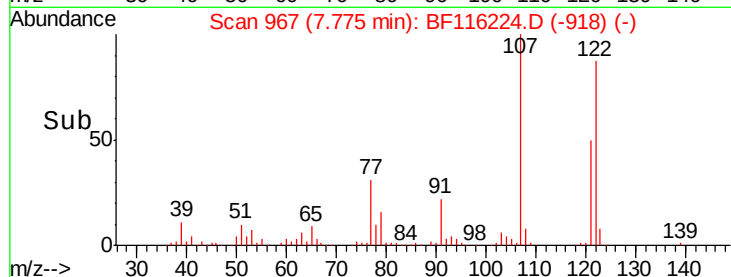
121 58.3 47.6 71.4



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: 43.484 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF116224.D

Acq: 13 Aug 2019 11:50

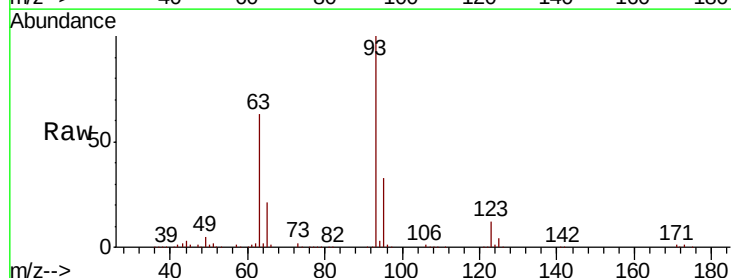
Tgt Ion: 93 Resp: 467563

Ion Ratio Lower Upper

93 100

95 33.0 26.2 39.4

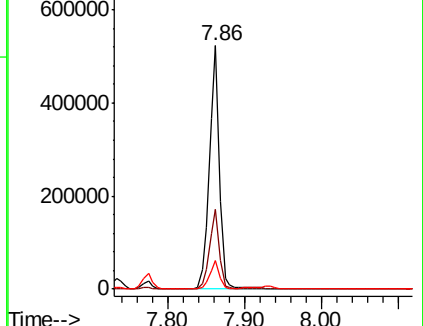
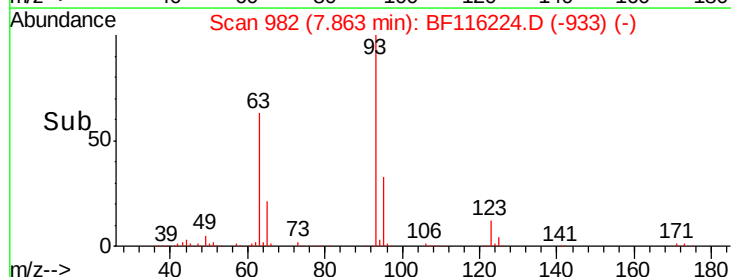
123 11.6 9.2 13.8

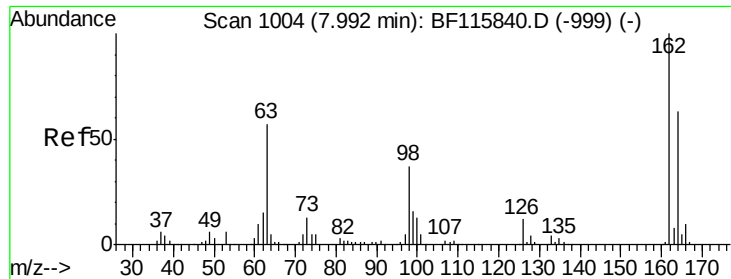


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

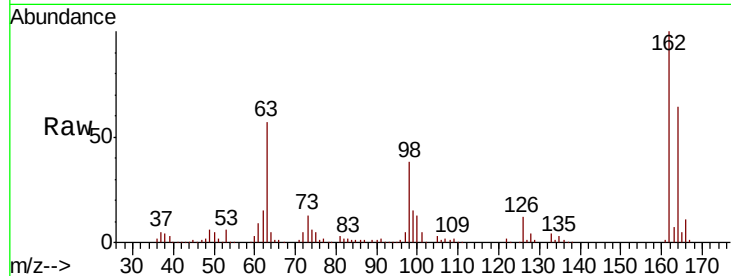




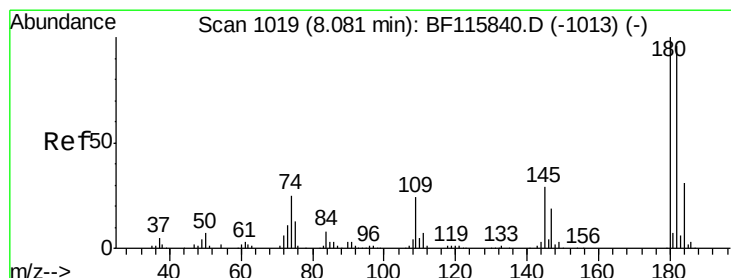
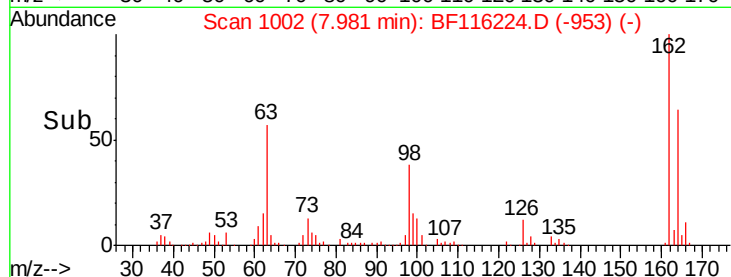
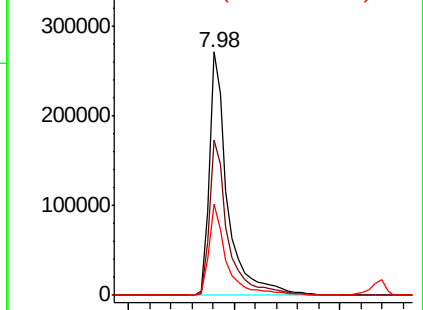
#29
 2,4-Dichlorophenol
 Concen: 44.883 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF116224.D
 Acq: 13 Aug 2019 11:50

Instrument :
 BNA_F
 ClientSampleId :
 PB122181BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	45.1	85.1
98	37.5	15.8	55.8

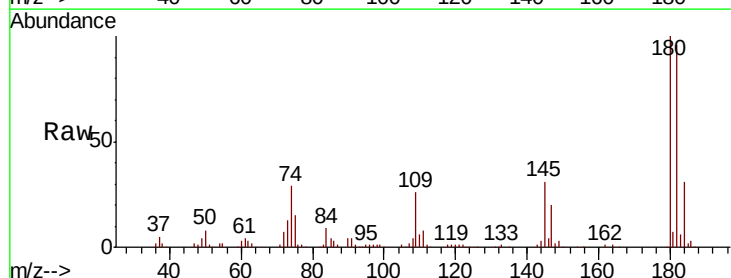


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

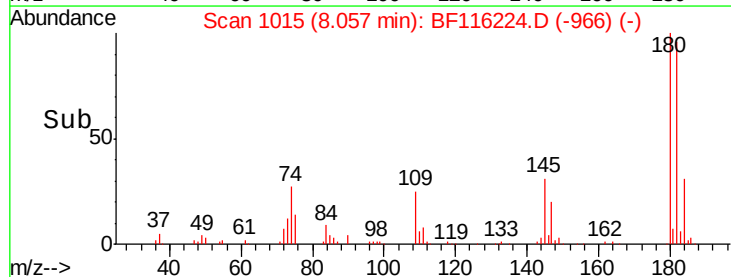
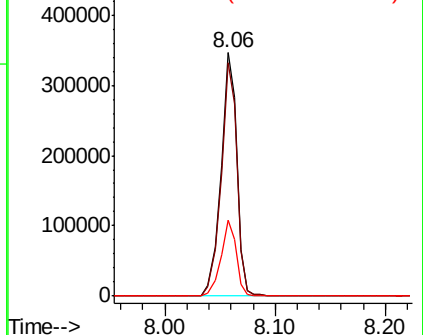


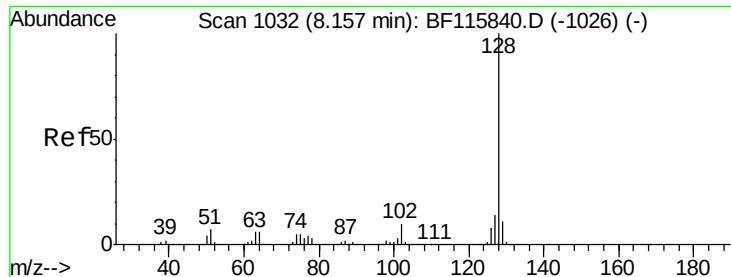
#30
 1,2,4-Trichlorobenzene
 Concen: 41.684 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: BF116224.D
 Acq: 13 Aug 2019 11:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	75.7	113.5
145	31.1	24.3	36.5



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

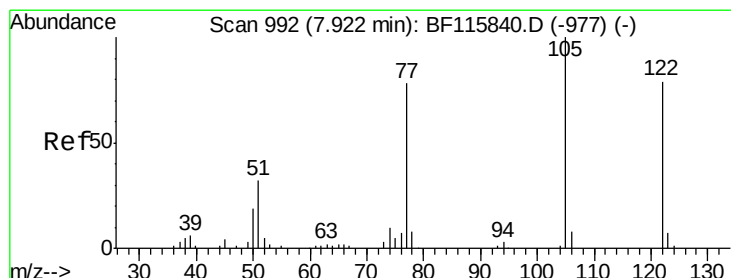
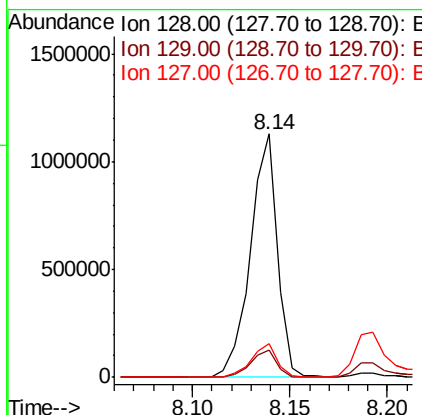
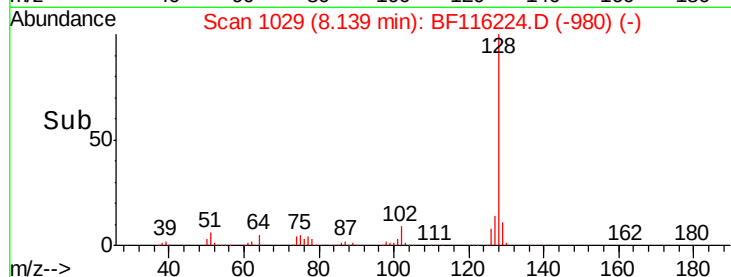
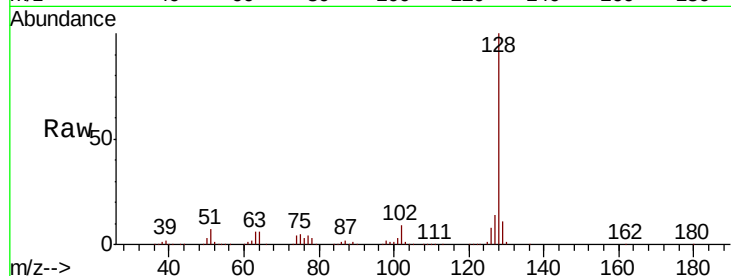




#31
Naphthalene
Concen: 44.016 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF116224.D
Acq: 13 Aug 2019 11:50

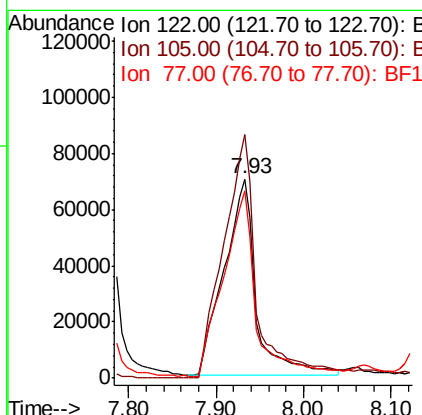
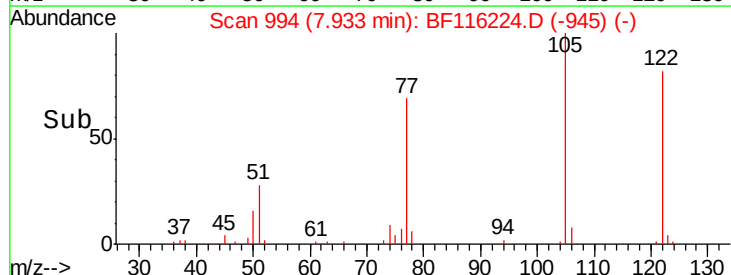
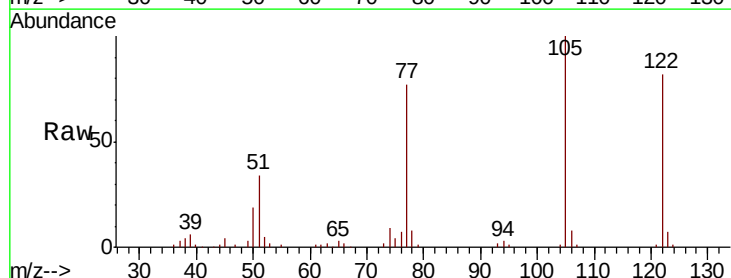
Instrument :
BNA_F
ClientSampleId :
PB122181BS

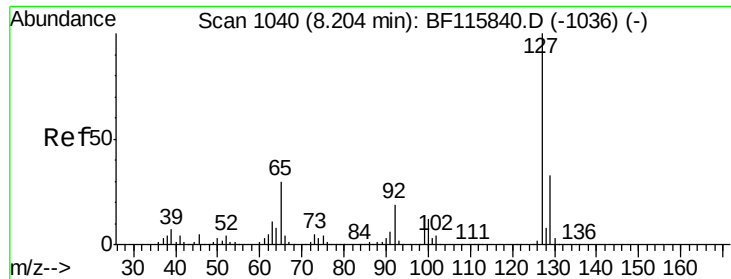
Tot Ion:128 Resp: 1084729
Ion Ratio Lower Upper
128 100
129 11.1 9.3 13.9
127 13.8 11.4 17.0



#32
Benzoic acid
Concen: 35.691 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF116224.D
Acq: 13 Aug 2019 11:50

Tgt Ion:122 Resp: 174817
Ion Ratio Lower Upper
122 100
105 122.3 106.1 146.1
77 93.9 76.7 116.7

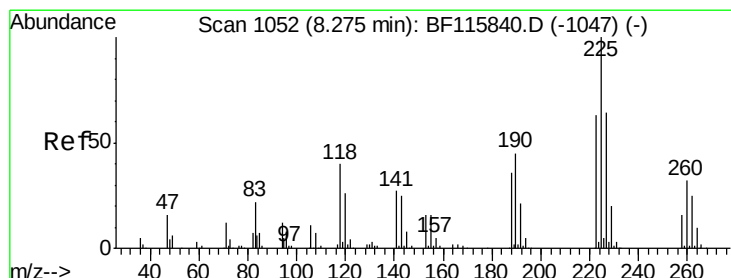
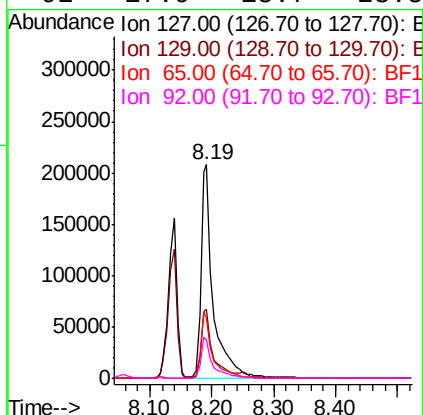
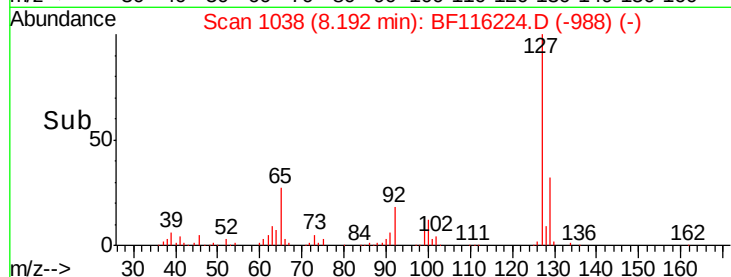
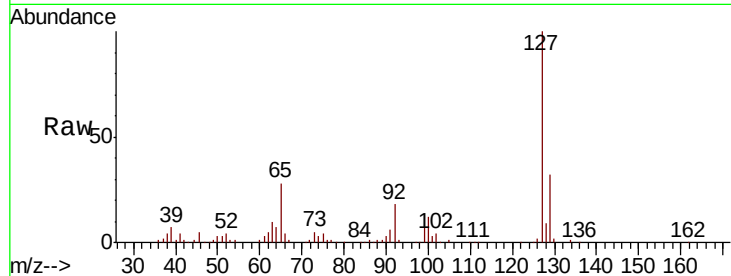




#33
4-Chloroaniline
Concen: 26.492 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF116224.D
Acq: 13 Aug 2019 11:50

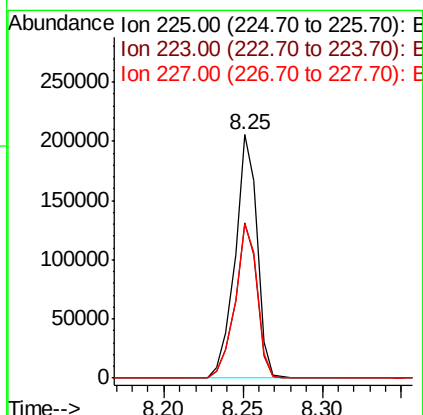
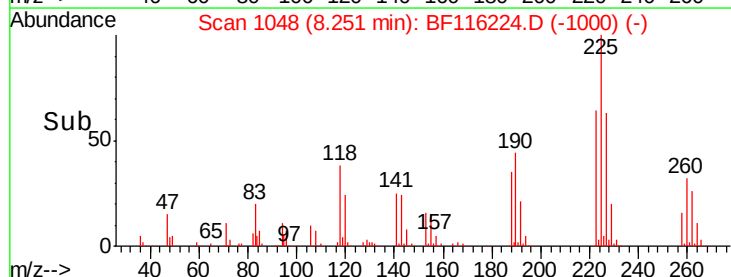
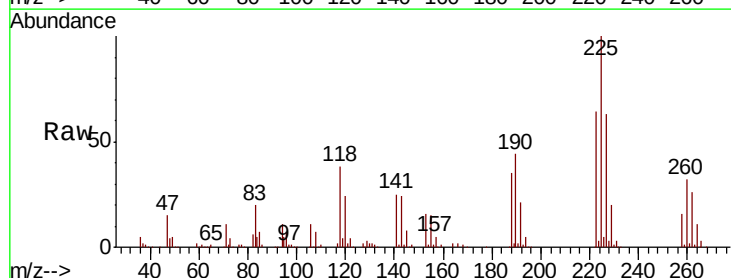
Instrument :
BNA_F
ClientSampleId :
PB122181BS

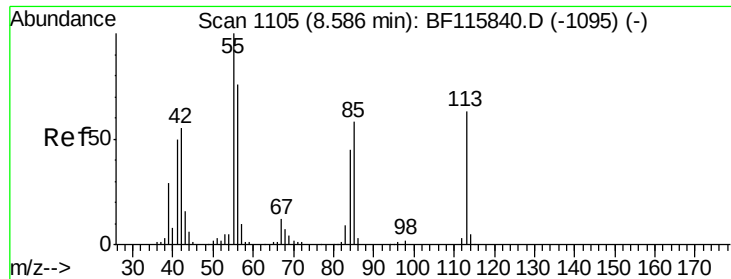
Tot Ion:	127	Resp:	291702
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.1	39.1
65	28.0	24.9	37.3
92	17.9	15.7	23.5



#34
Hexachlorobutadiene
Concen: 41.058 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF116224.D
Acq: 13 Aug 2019 11:50

Tgt Ion:	225	Resp:	197747
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.0	75.0
227	63.3	51.0	76.4





#35

Caprolactam

Concen: 42.385 ng/ml

RT: 8.57 min Scan# 1102

Delta R.T. -0.02 min

Lab File: BF116224.D

Acq: 13 Aug 2019 11:50

Instrument :

BNA_F

ClientSampleID :

PB122181BS

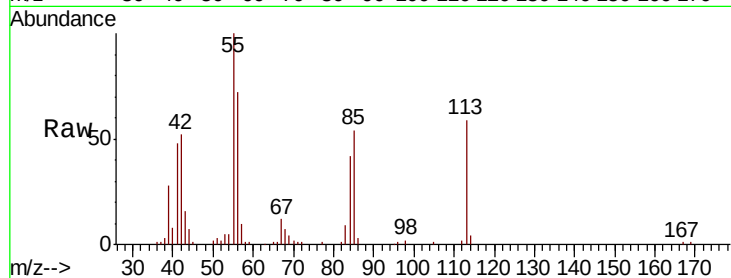
Tot Ion:113 Resp: 100557

Ion Ratio Lower Upper

113 100

55 170.1 144.3 184.3

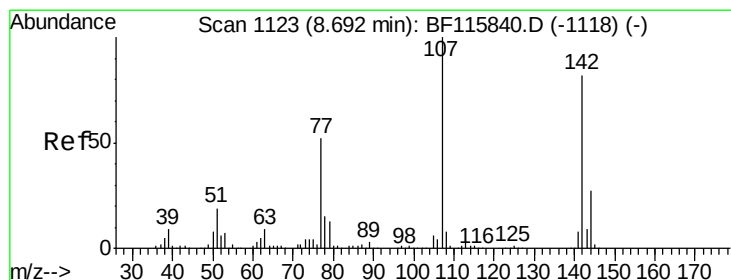
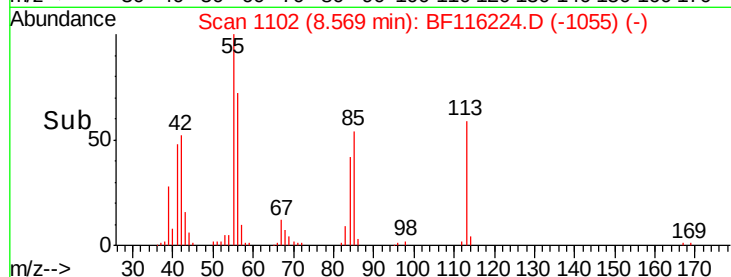
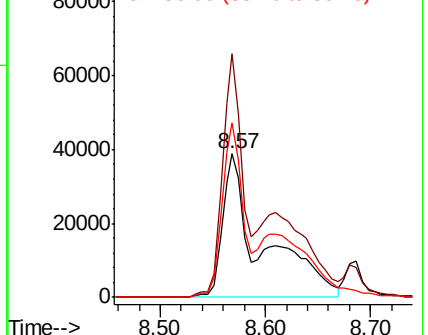
56 121.9 97.1 137.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 44.955 ng/ml

RT: 8.69 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BF116224.D

Acq: 13 Aug 2019 11:50

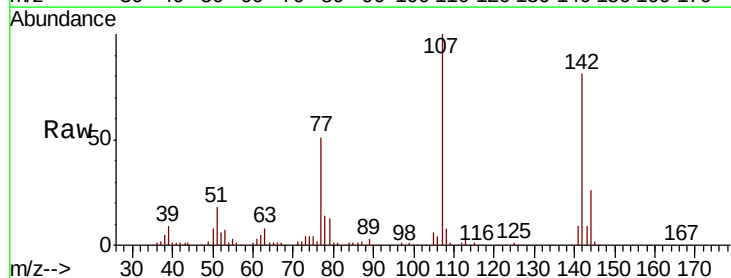
Tgt Ion:107 Resp: 343058

Ion Ratio Lower Upper

107 100

144 26.0 20.2 30.2

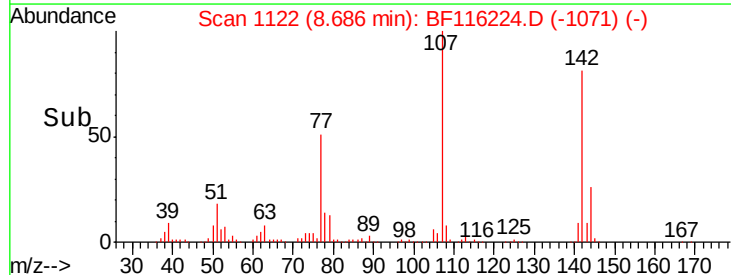
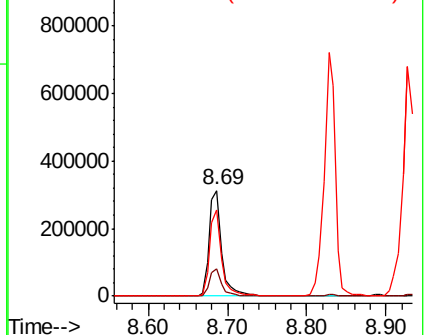
142 81.4 61.7 92.5

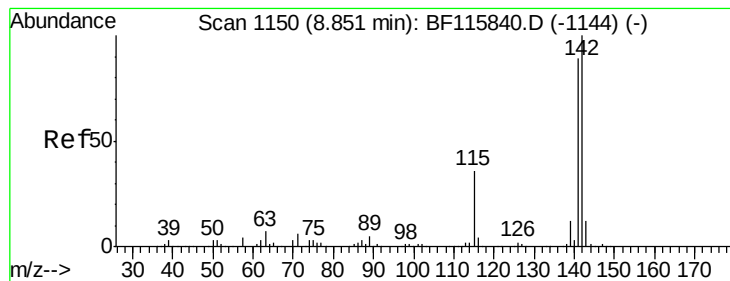


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 44.073 ng

RT: 8.83 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF116224.D

Acq: 13 Aug 2019 11:50

Instrument :

BNA_F

ClientSampleId :

PB122181BS

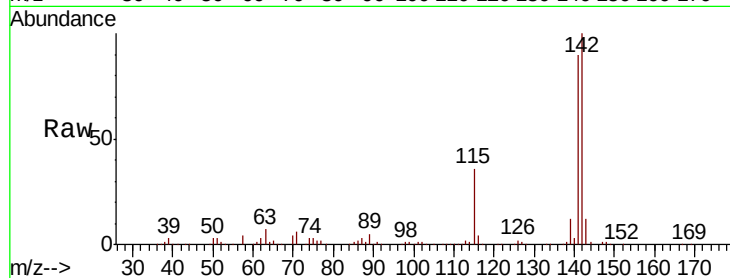
Tot Ion:142 Resp: 715309

Ion Ratio Lower Upper

142 100

141 89.6 70.9 106.3

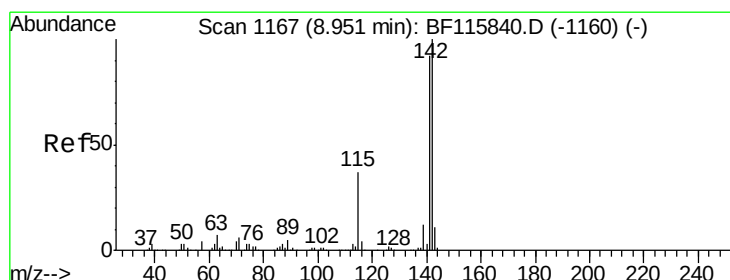
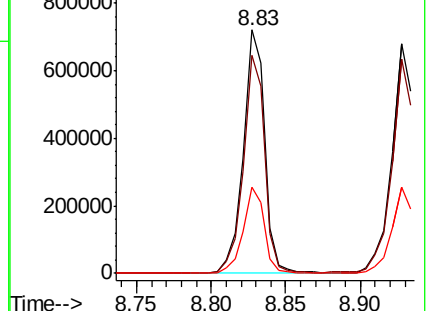
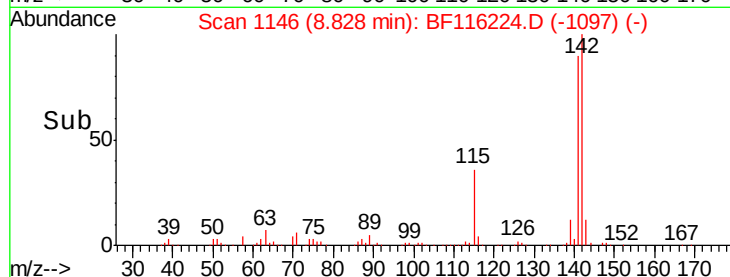
115 35.6 29.0 43.6



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: 43.410 ng

RT: 8.93 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF116224.D

Acq: 13 Aug 2019 11:50

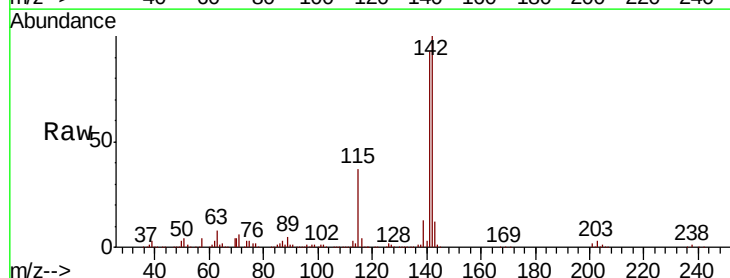
Tgt Ion:142 Resp: 666536

Ion Ratio Lower Upper

142 100

141 93.2 74.4 111.6

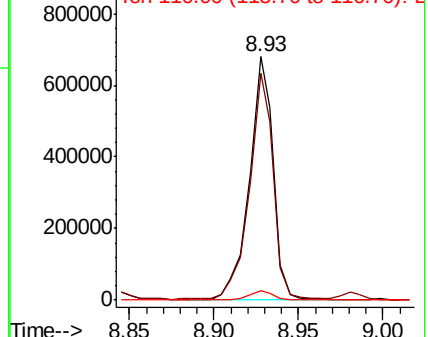
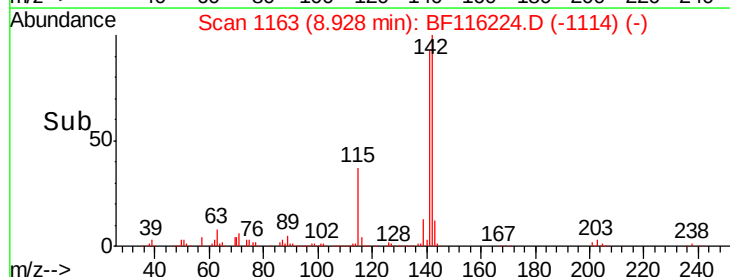
116 4.0 3.1 4.7

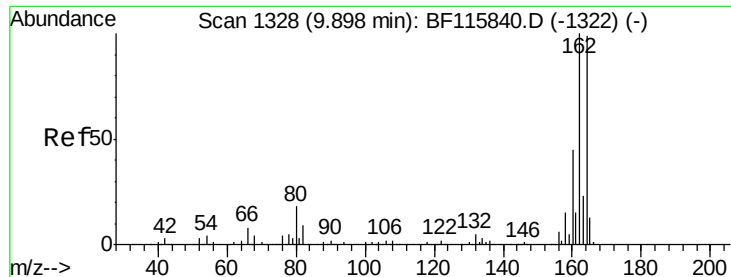


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

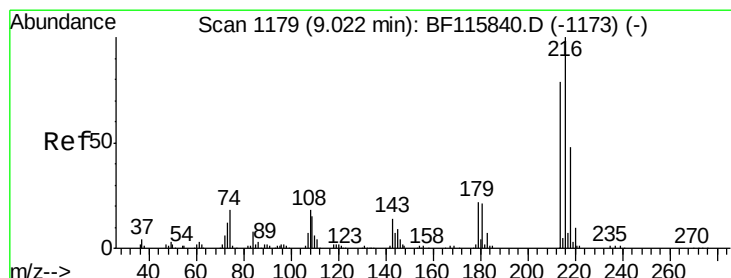
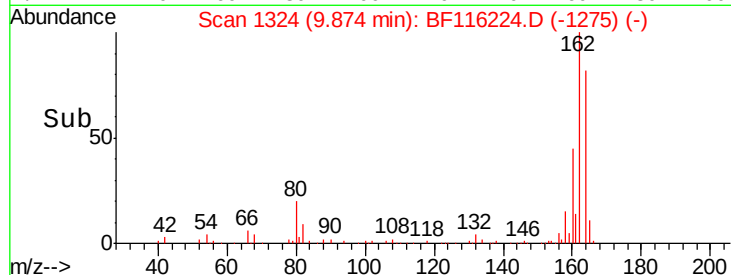
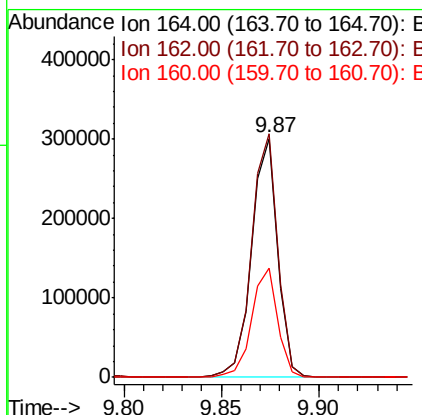
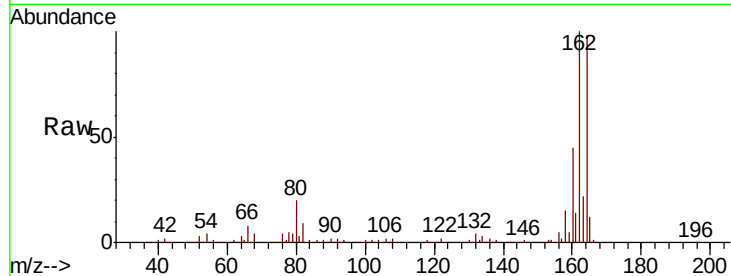




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF116224.D
 Acq: 13 Aug 2019 11:50

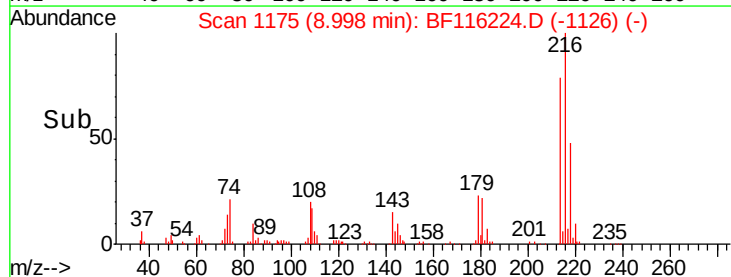
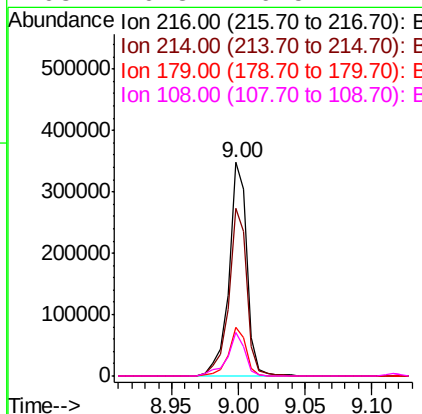
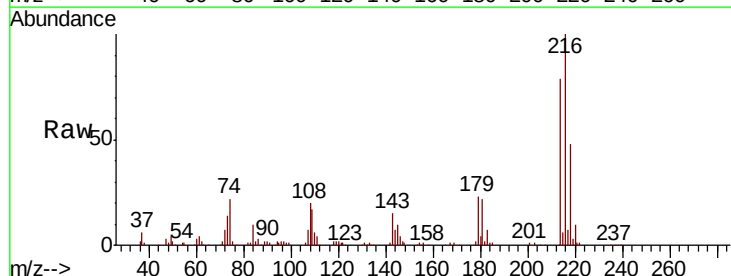
Instrument :
 BNA_F
 ClientSampleId :
 PB122181BS

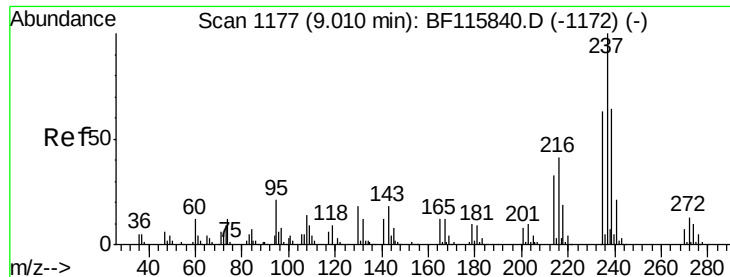
Tot Ion:164 Resp: 277676
 Ion Ratio Lower Upper
 164 100
 162 102.0 82.6 124.0
 160 45.9 37.6 56.4



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.657 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF116224.D
 Acq: 13 Aug 2019 11:50

Tgt Ion:216 Resp: 331507
 Ion Ratio Lower Upper
 216 100
 214 78.4 63.6 95.4
 179 22.0 17.8 26.8
 108 20.3 16.5 24.7

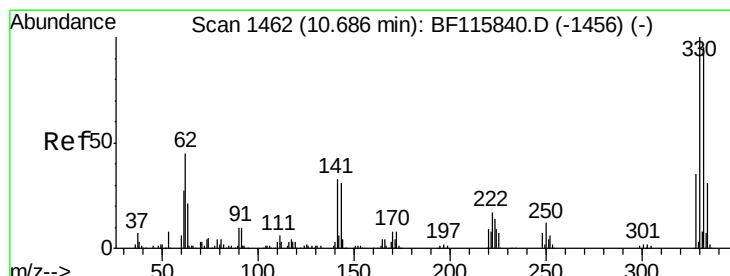
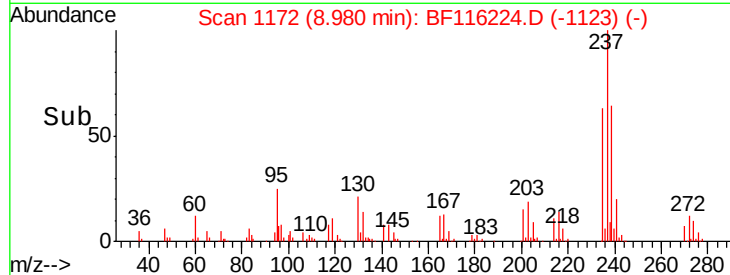
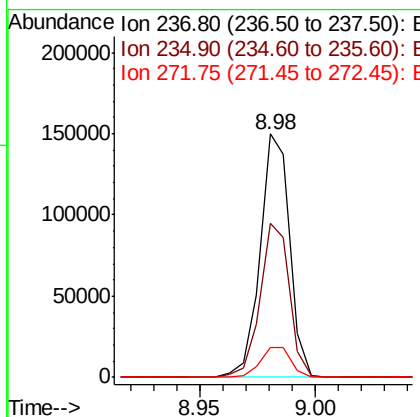
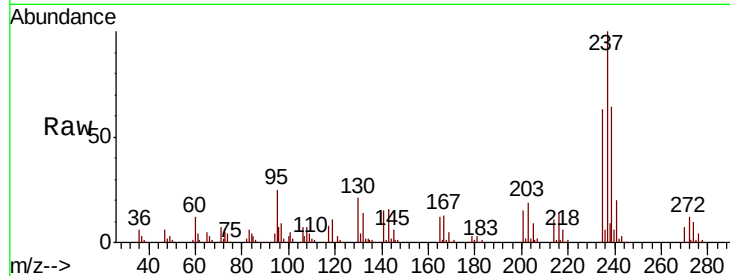




#41
Hexachlorocyclopentadiene
Concen: 43.064 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF116224.D
Acq: 13 Aug 2019 11:50

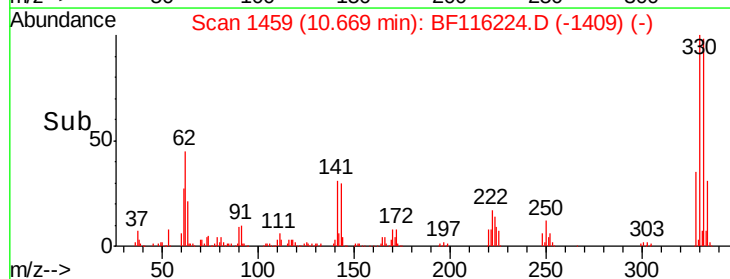
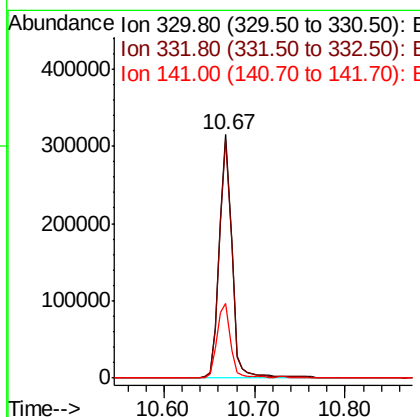
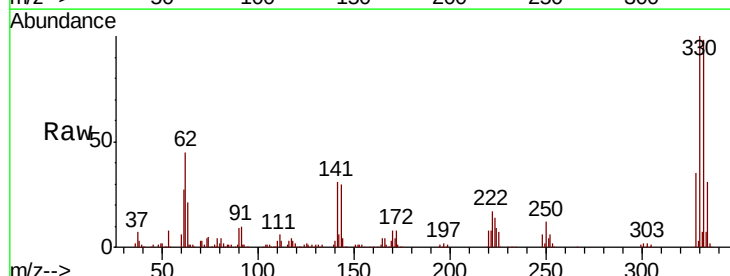
Instrument :
BNA_F
ClientSampleId :
PB122181BS

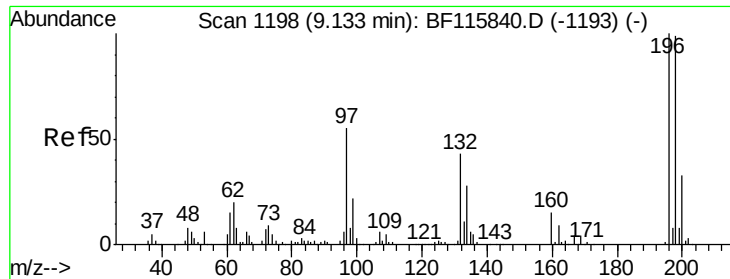
Tot Ion:	237	Resp:	133675
Ion	Ratio	Lower	Upper
237	100		
235	63.1	43.4	83.4
272	12.5	0.0	33.2



#42
2,4,6-Tribromophenol
Concen: 112.416 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116224.D
Acq: 13 Aug 2019 11:50

Tgt Ion:	330	Resp:	302639
Ion	Ratio	Lower	Upper
330	100		
332	98.3	76.8	115.2
141	33.1	26.3	39.5

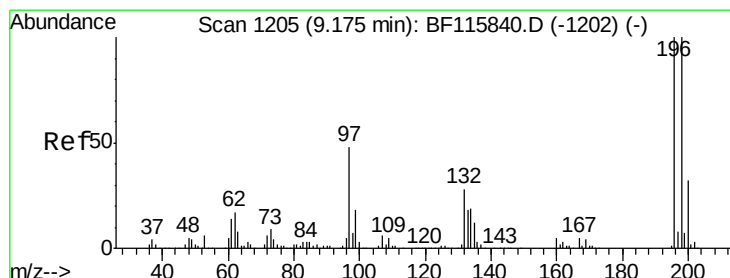
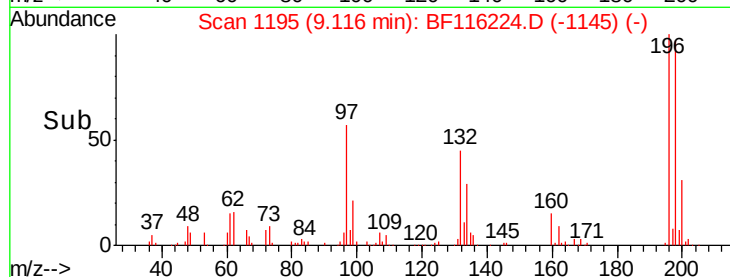
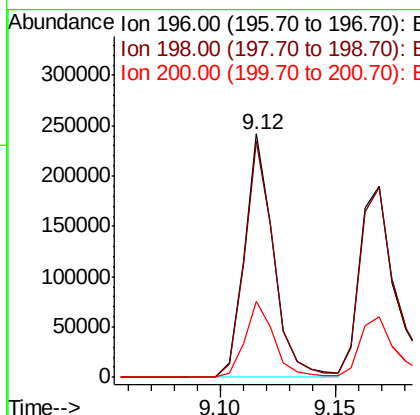
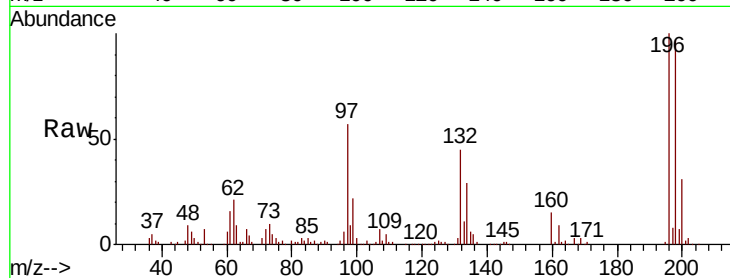




#43
 2,4,6-Trichlorophenol
 Concen: 41.639 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF116224.D
 Acq: 13 Aug 2019 11:50

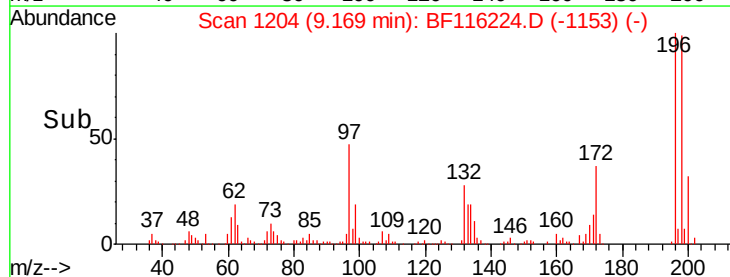
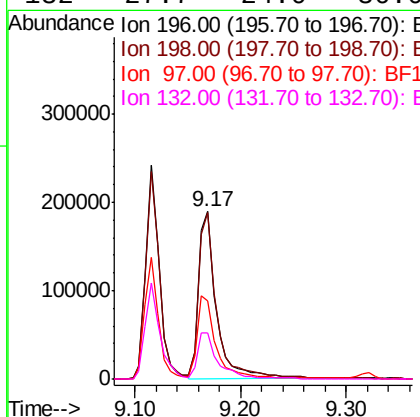
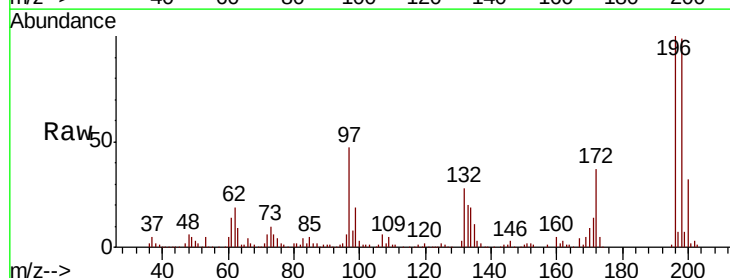
Instrument :
 BNA_F
 ClientSampleId :
 PB122181BS

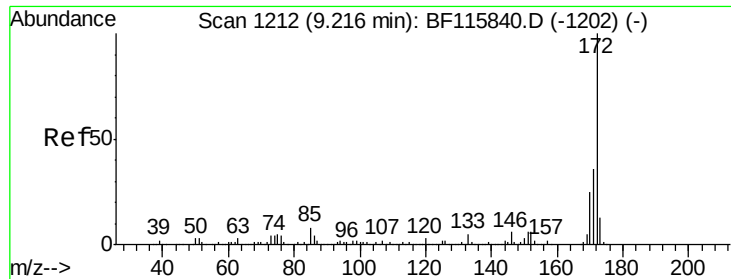
Tot Ion:196 Resp: 212758
 Ion Ratio Lower Upper
 196 100
 198 96.9 79.2 118.8
 200 31.2 25.2 37.8



#44
 2,4,5-Trichlorophenol
 Concen: 41.648 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF116224.D
 Acq: 13 Aug 2019 11:50

Tgt Ion:196 Resp: 219975
 Ion Ratio Lower Upper
 196 100
 198 99.1 78.8 118.2
 97 46.8 42.2 63.4
 132 27.7 24.0 36.0

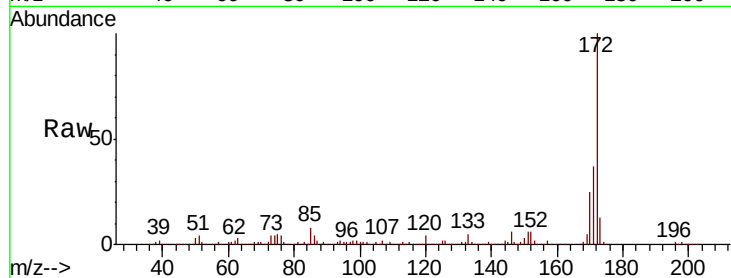




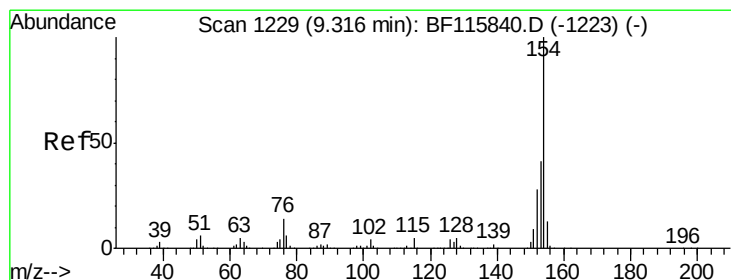
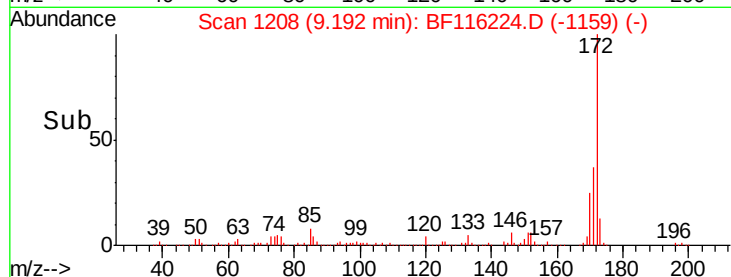
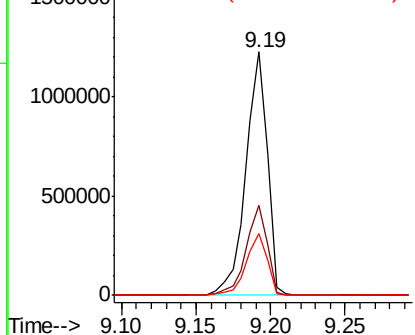
#45
2-Fluorobiphenyl
Concen: 82.380 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF116224.D
Acq: 13 Aug 2019 11:50

Instrument :
BNA_F
ClientSampleId :
PB122181BS

Tot Ion:172 Resp: 1221254
Ion Ratio Lower Upper
172 100
171 36.9 29.6 44.4
170 25.2 20.1 30.1

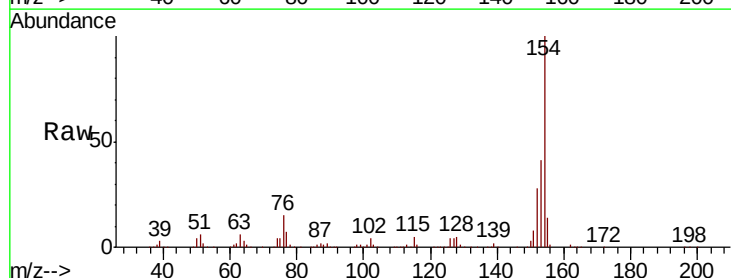


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

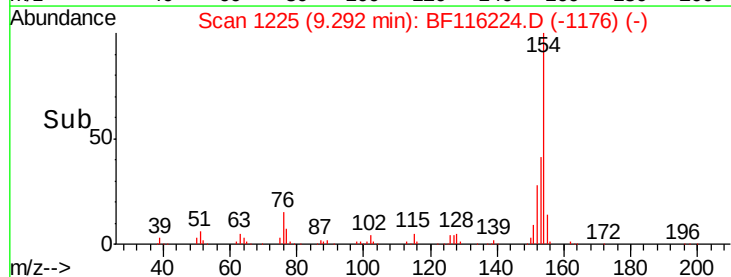
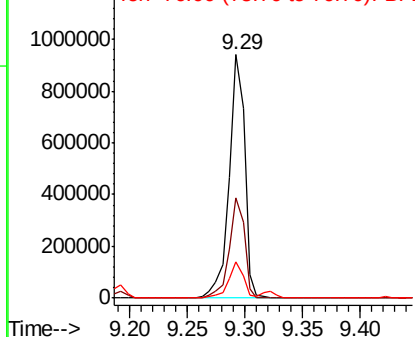


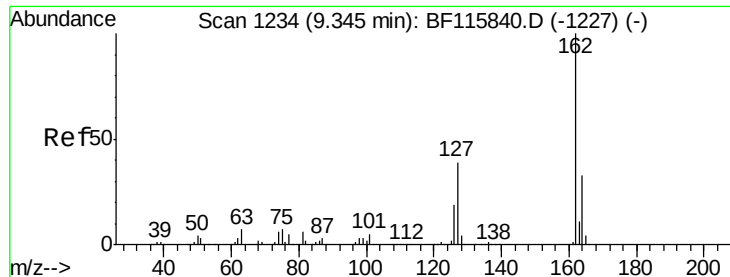
#46
1,1'-Biphenyl
Concen: 44.705 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF116224.D
Acq: 13 Aug 2019 11:50

Tgt Ion:154 Resp: 876393
Ion Ratio Lower Upper
154 100
153 41.3 21.4 61.4
76 14.8 0.0 35.2



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

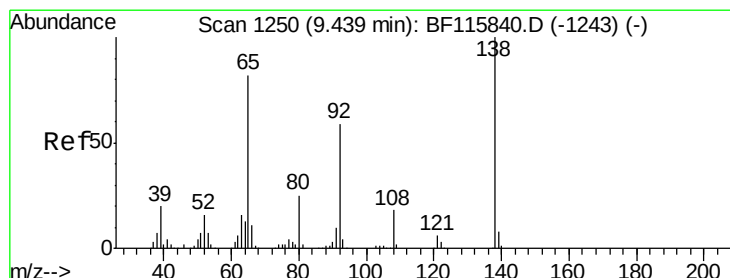
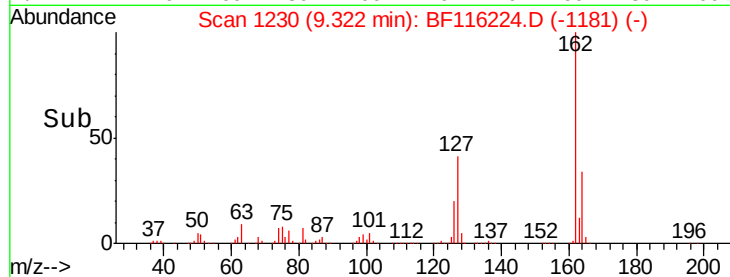
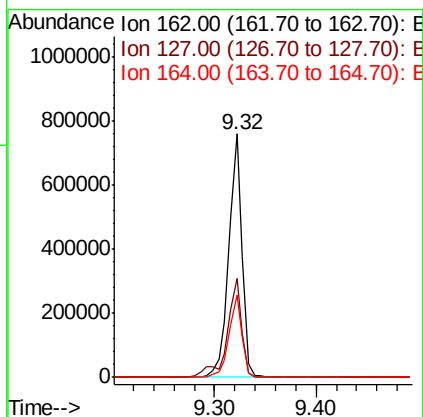
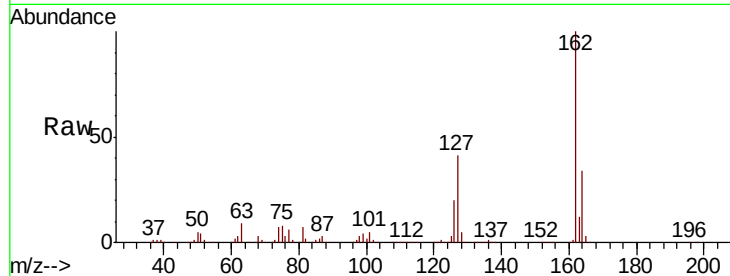




#47
 2-Chloronaphthalene
 Concen: 42.216 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF116224.D
 Acq: 13 Aug 2019 11:50

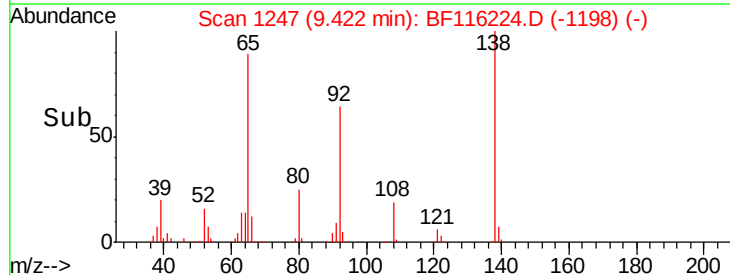
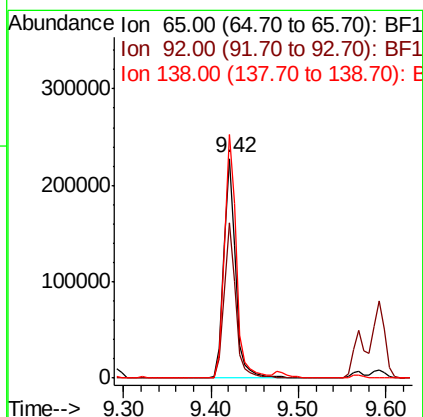
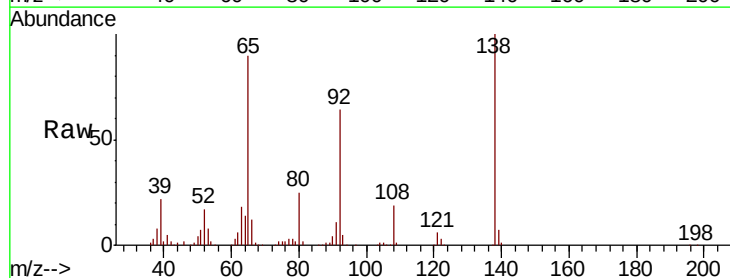
Instrument :
 BNA_F
 ClientSampleId :
 PB122181BS

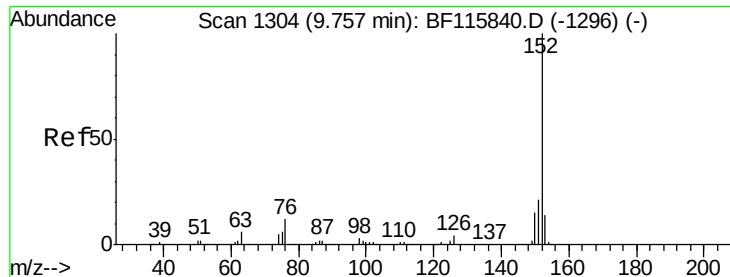
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.7	32.8	49.2
164	33.6	26.6	39.8



#48
 2-Nitroaniline
 Concen: 40.147 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF116224.D
 Acq: 13 Aug 2019 11:50

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.7	57.8	86.8
138	110.7	94.0	141.0





#49

Acenaphthylene

Concen: 43.348 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF116224.D

Acq: 13 Aug 2019 11:50

Instrument :

BNA_F

ClientSampleId :

PB122181BS

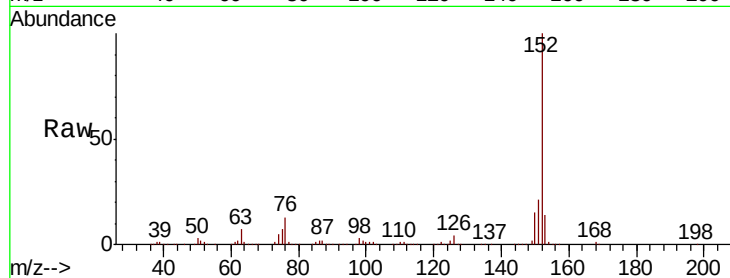
Tot Ion:152 Resp: 1031857

Ion Ratio Lower Upper

152 100

151 20.7 17.2 25.8

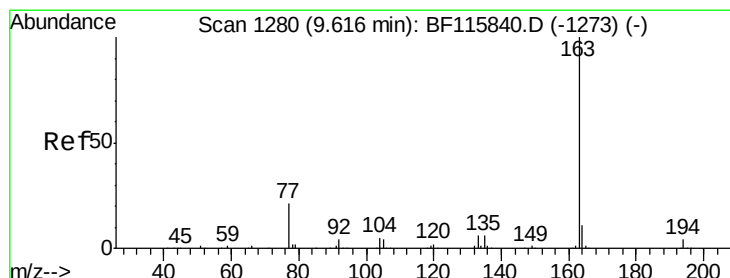
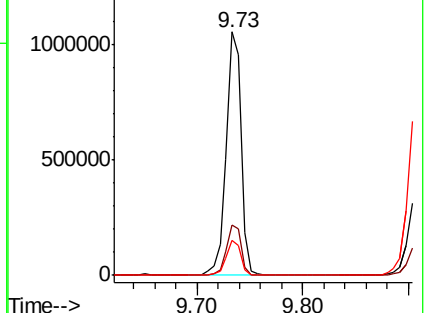
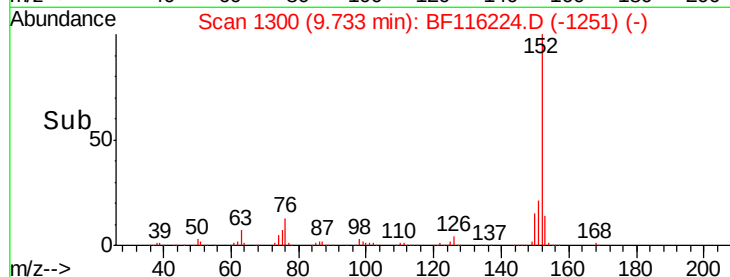
153 14.3 11.8 17.8



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: 43.049 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF116224.D

Acq: 13 Aug 2019 11:50

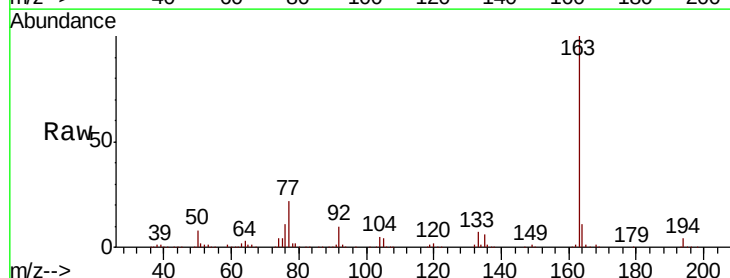
Tgt Ion:163 Resp: 813916

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

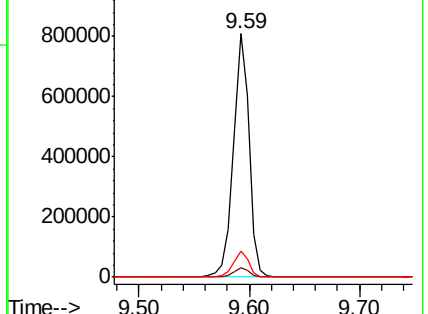
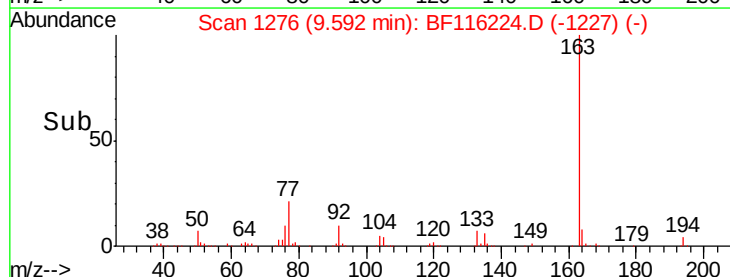
164 10.6 8.4 12.6

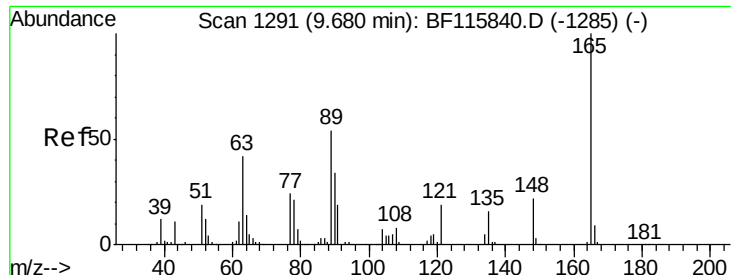


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

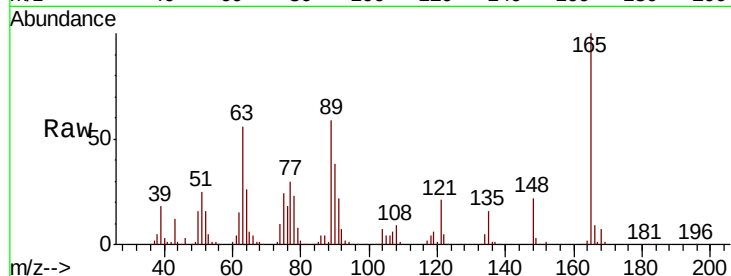




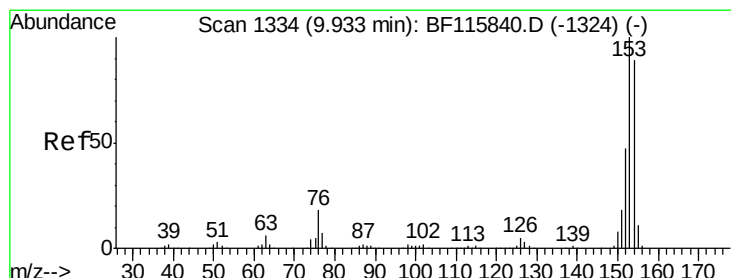
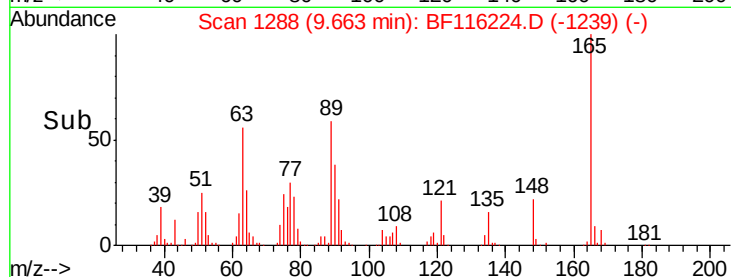
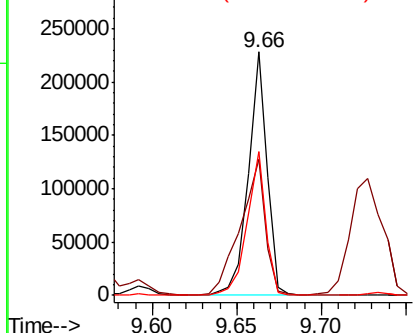
#51
 2,6-Dinitrotoluene
 Concen: 43.545 ng
 RT: 9.66 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: BF116224.D
 Acq: 13 Aug 2019 11:50

Instrument :
 BNA_F
 ClientSampleId :
 PB122181BS

Tot Ion:165 Resp: 178914
 Ion Ratio Lower Upper
 165 100
 63 55.8 38.2 57.2
 89 59.2 42.9 64.3

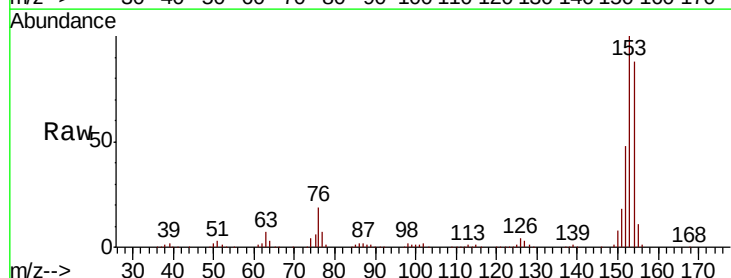


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

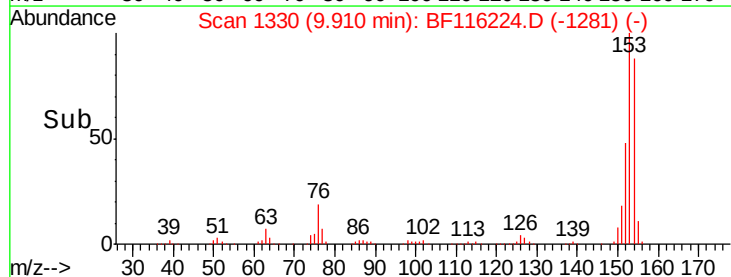
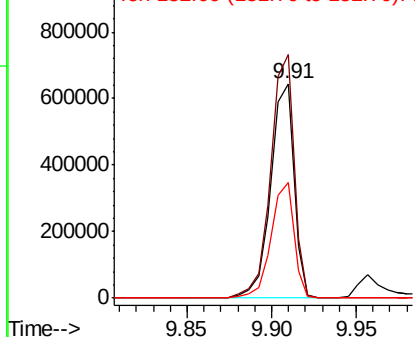


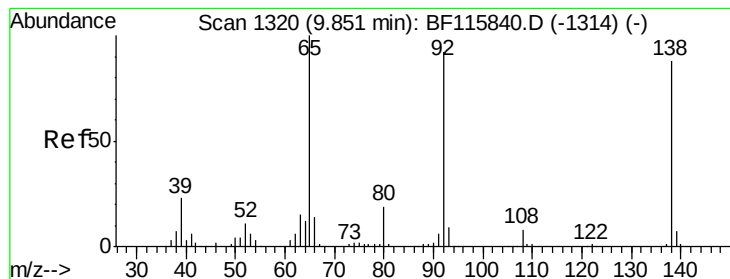
#52
 Acenaphthene
 Concen: 42.386 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF116224.D
 Acq: 13 Aug 2019 11:50

Tgt Ion:154 Resp: 618968
 Ion Ratio Lower Upper
 154 100
 153 113.5 89.4 134.0
 152 54.0 42.3 63.5



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: 27.825 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF116224.D

Acq: 13 Aug 2019 11:50

Instrument :

BNA_F

ClientSampleId :

PB122181BS

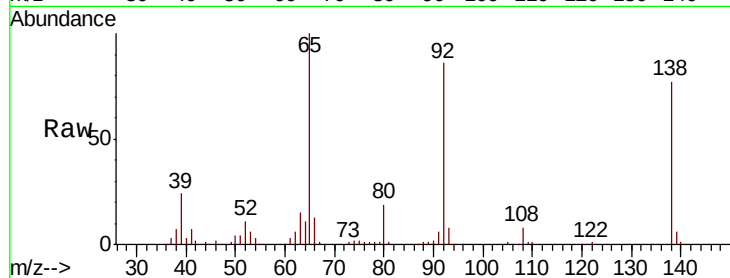
Tot Ion:138 Resp: 141264

Ion Ratio Lower Upper

138 100

108 10.0 8.0 12.0

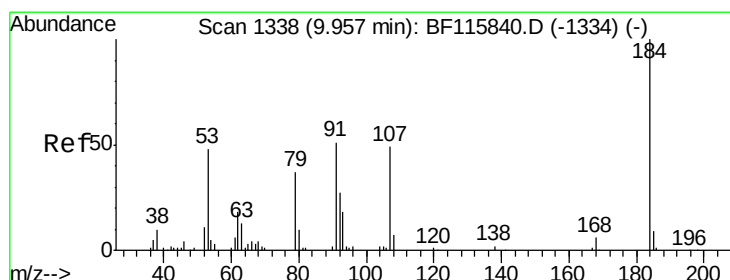
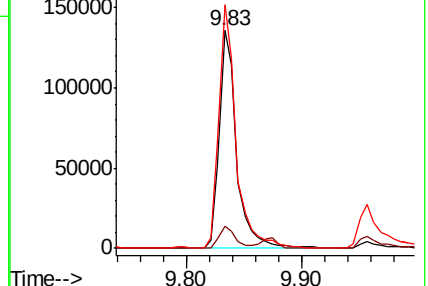
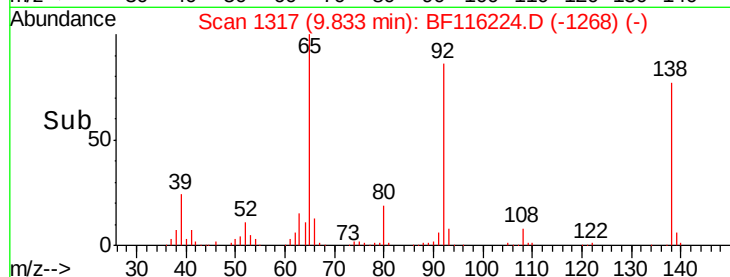
92 111.7 91.0 136.6



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: 66.467 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BF116224.D

Acq: 13 Aug 2019 11:50

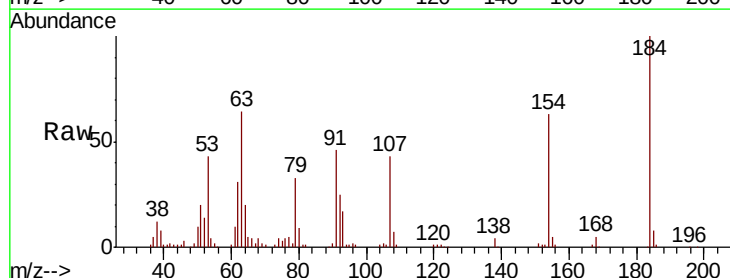
Tgt Ion:184 Resp: 135840

Ion Ratio Lower Upper

184 100

63 63.8 53.0 79.4

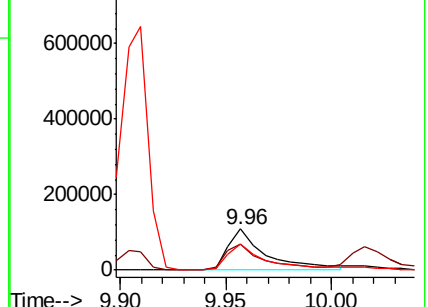
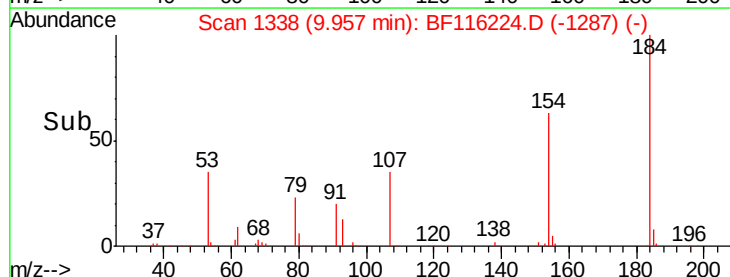
154 63.2 50.1 75.1

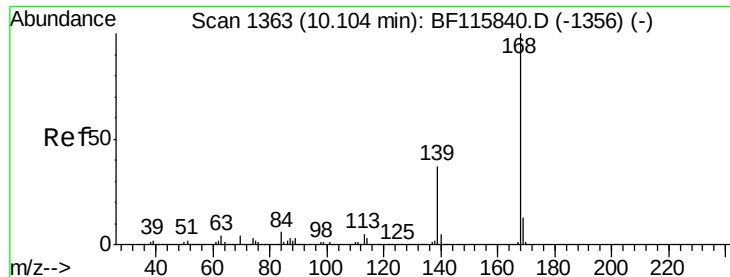


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

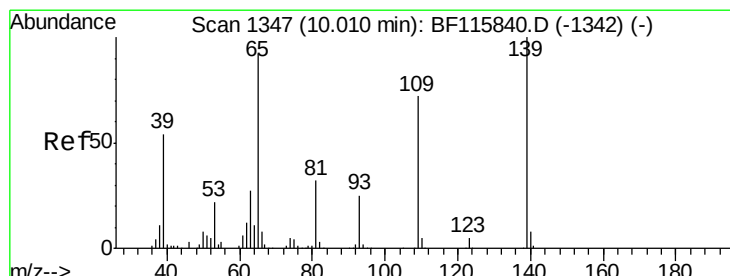
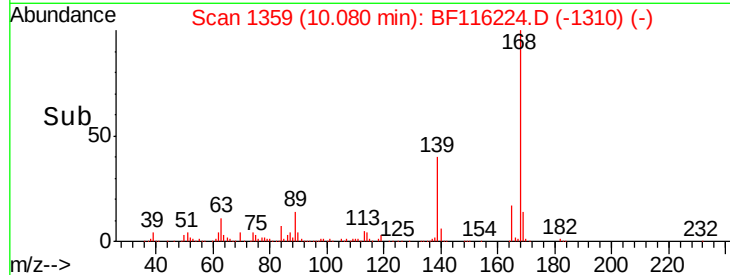
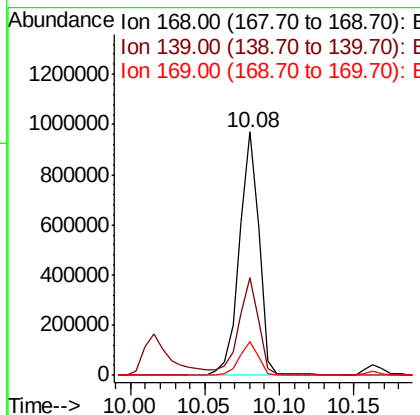
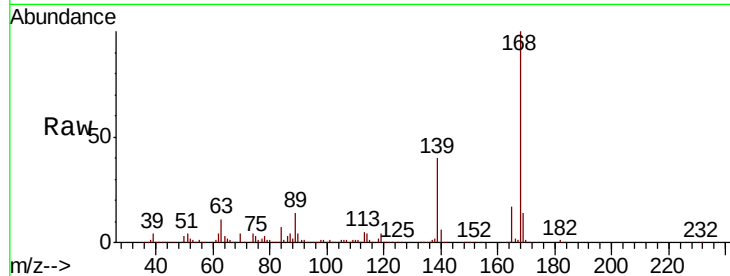




#55
Dibenzofuran
Concen: 41.767 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF116224.D
Acq: 13 Aug 2019 11:50

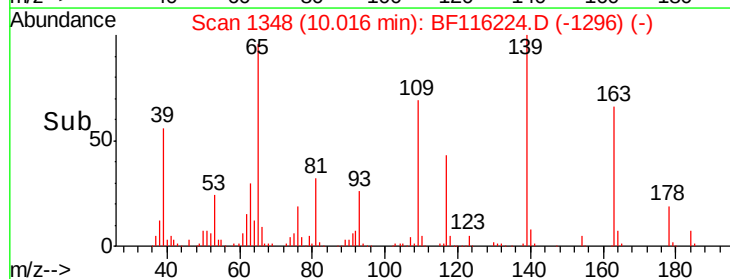
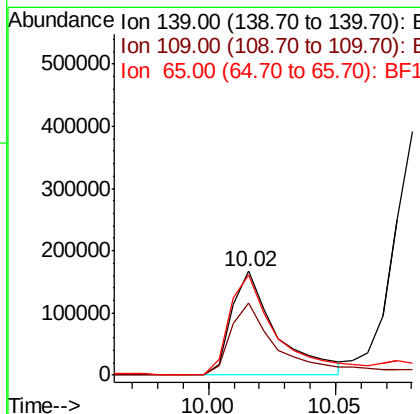
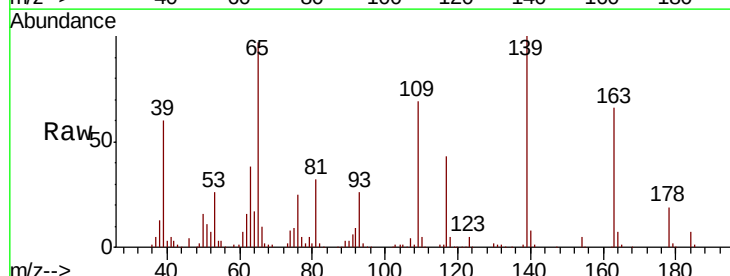
Instrument :
BNA_F
ClientSampleId :
PB122181BS

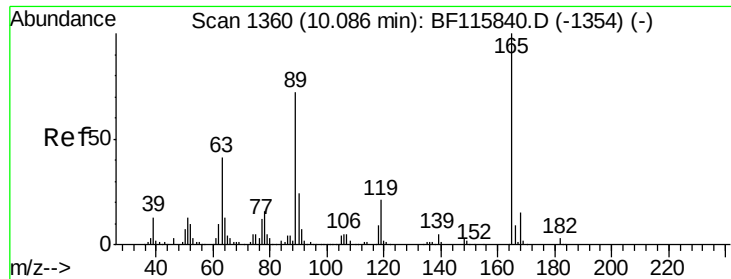
Tot Ion:168 Resp: 887011
Ion Ratio Lower Upper
168 100
139 40.3 31.4 47.2
169 13.9 10.9 16.3



#56
4-Nitrophenol
Concen: 63.354 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF116224.D
Acq: 13 Aug 2019 11:50

Tgt Ion:139 Resp: 206043
Ion Ratio Lower Upper
139 100
109 69.4 54.4 94.4
65 96.7 80.6 120.6

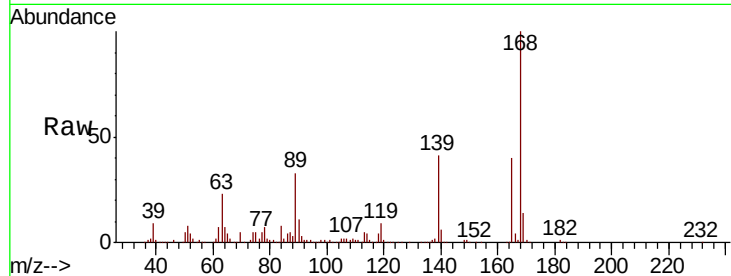




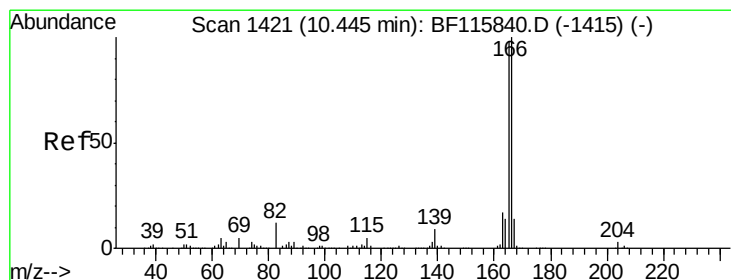
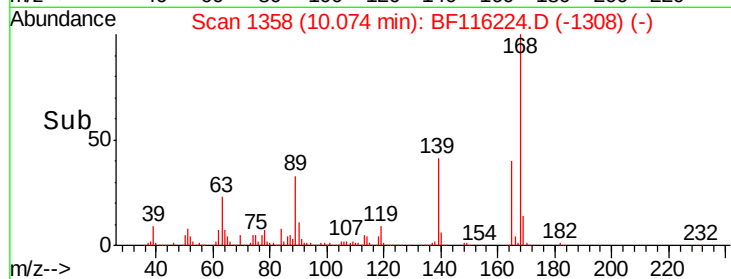
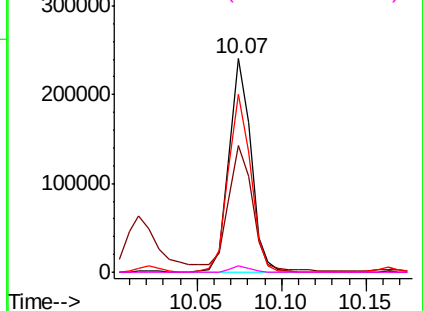
#57
 2,4-Dinitrotoluene
 Concen: 39.594 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF116224.D
 Acq: 13 Aug 2019 11:50

Instrument :
 BNA_F
 ClientSampleId :
 PB122181BS

Tot Ion:165	Resp:	216595
Ion Ratio	Lower	Upper
165	100	
63	59.2	39.6 59.4
89	83.5	62.2 93.2
182	2.8	2.1 3.1

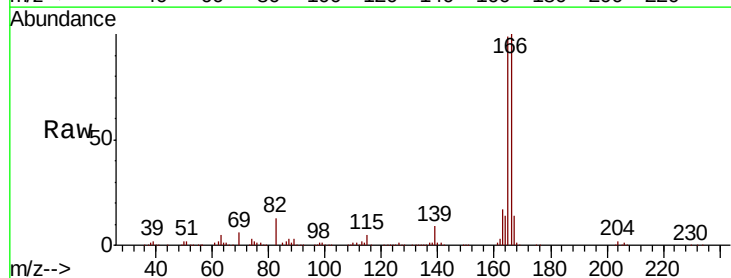


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

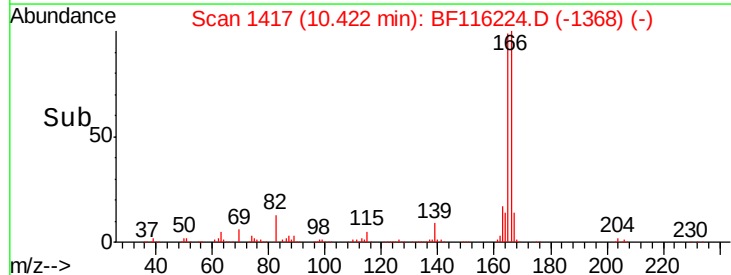
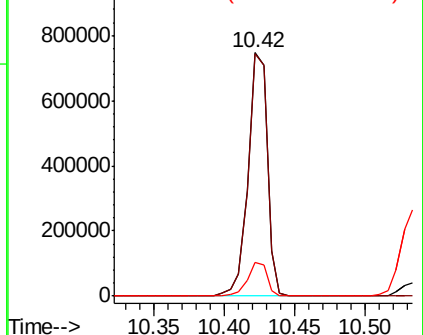


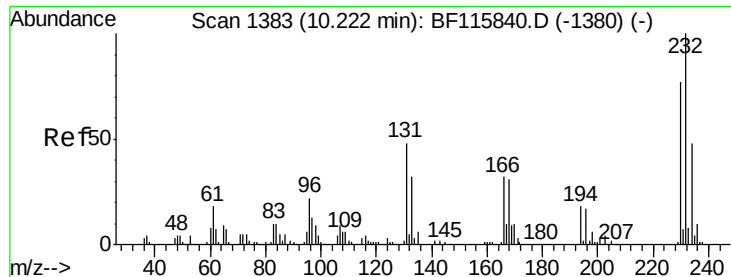
#58
 Fluorene
 Concen: 43.844 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF116224.D
 Acq: 13 Aug 2019 11:50

Tgt Ion:166	Resp:	716368
Ion Ratio	Lower	Upper
166	100	
165	99.3	78.4 117.6
167	13.9	11.0 16.4



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

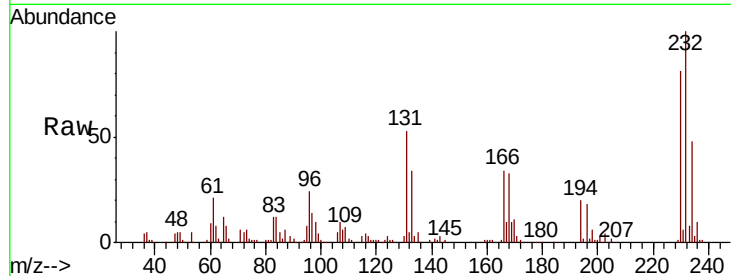




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.911 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BF116224.D
 Acq: 13 Aug 2019 11:50

Instrument :
 BNA_F
 ClientSampleId :
 PB122181BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.7	36.2	54.2
130	2.3	1.9	2.9
166	28.4	23.0	34.4



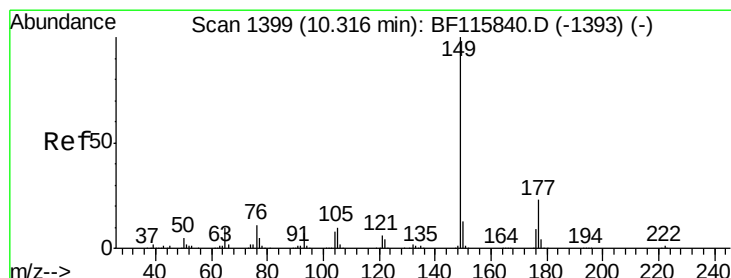
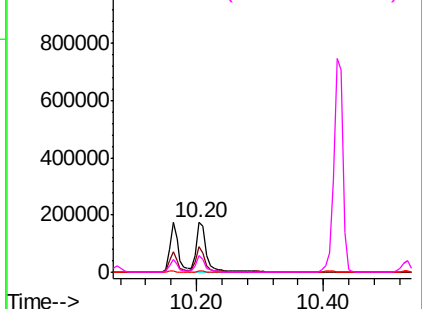
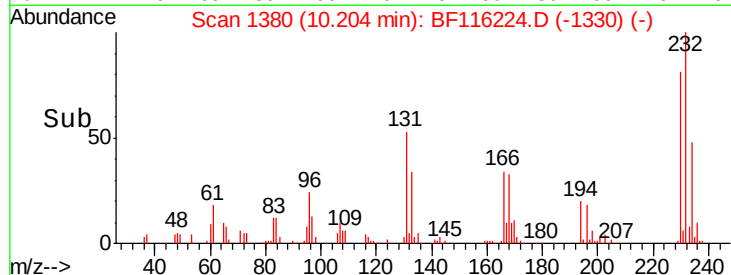
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

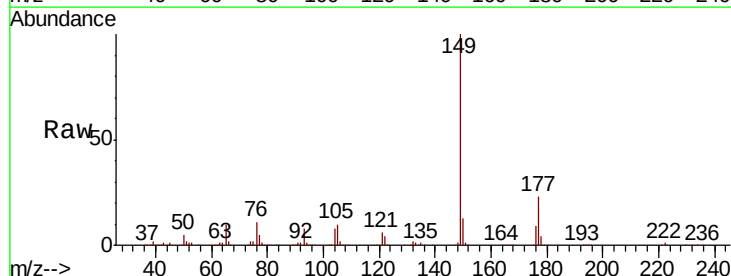
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 44.692 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF116224.D
 Acq: 13 Aug 2019 11:50

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.5	18.8	28.2
150	12.7	10.2	15.4

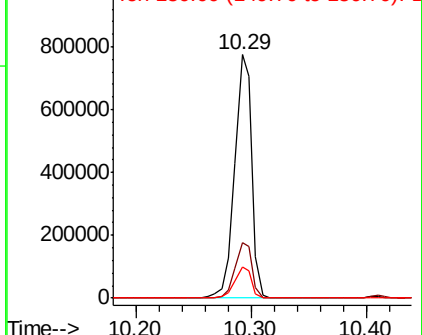
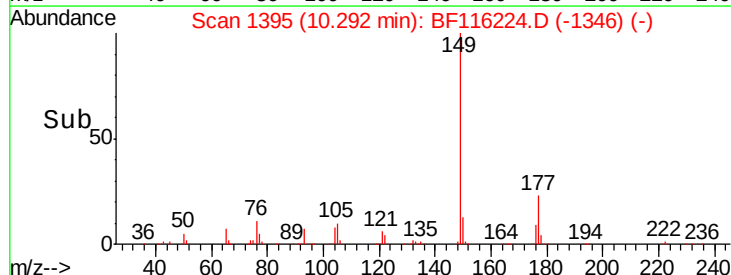


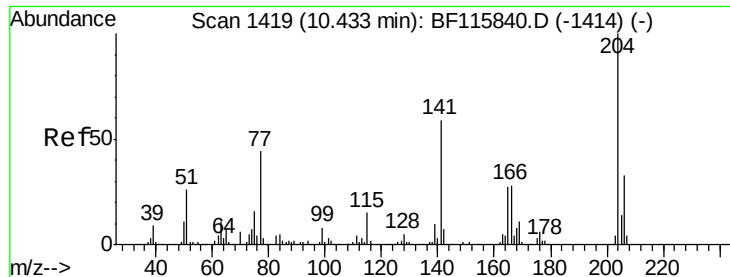
Abundance

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

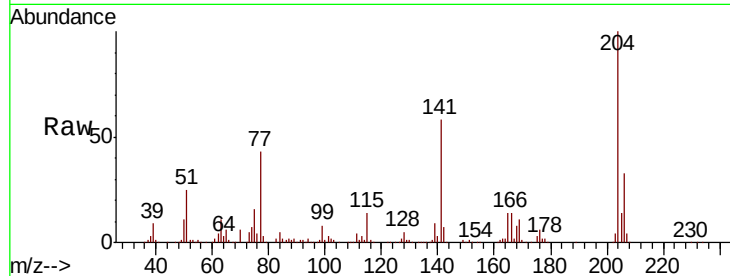




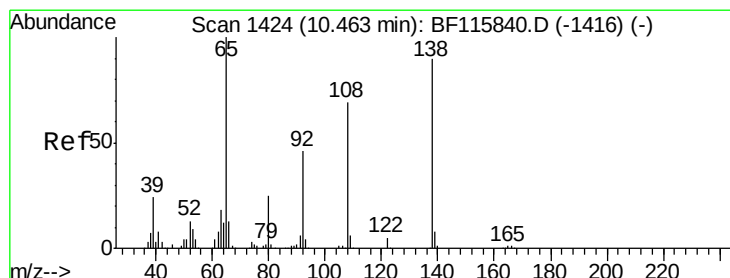
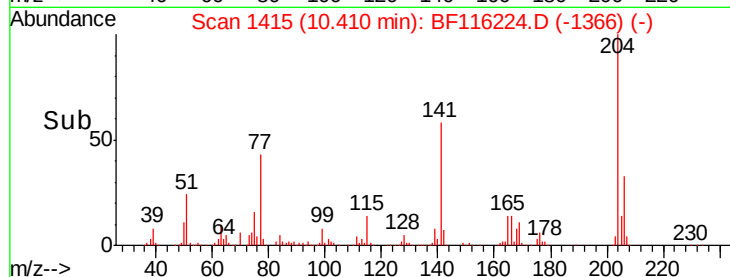
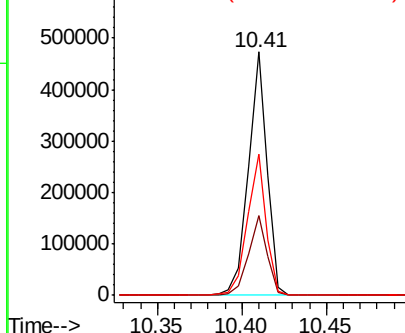
#61
4-Chlorophenyl-phenylether
Concen: 44.555 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF116224.D
Acq: 13 Aug 2019 11:50

Instrument :
BNA_F
ClientSampleId :
PB122181BS

Tot Ion:204 Resp: 368695
Ion Ratio Lower Upper
204 100
206 32.7 26.4 39.6
141 58.2 46.4 69.6

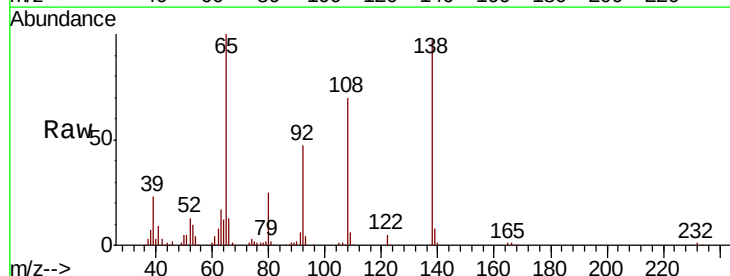


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

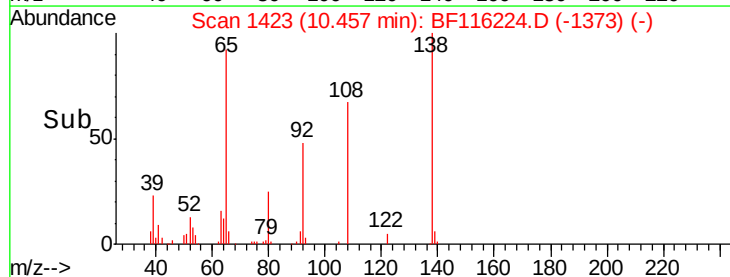
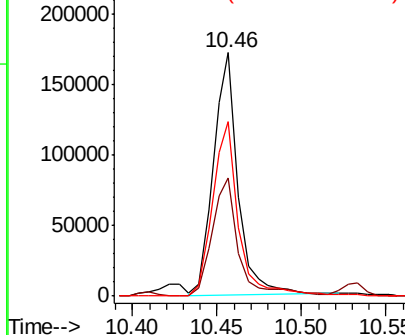


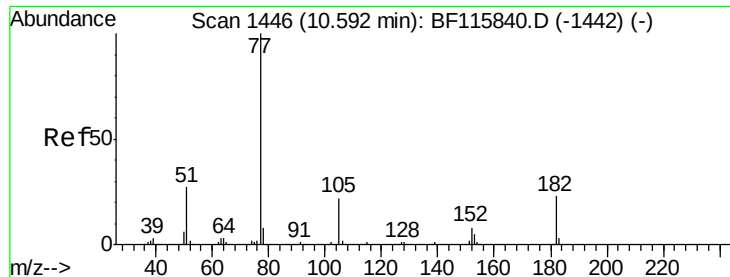
#62
4-Nitroaniline
Concen: 33.349 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF116224.D
Acq: 13 Aug 2019 11:50

Tgt Ion:138 Resp: 174973
Ion Ratio Lower Upper
138 100
92 48.4 29.0 69.0
108 71.8 54.7 94.7



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: 44.560 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF116224.D

Acq: 13 Aug 2019 11:50

Instrument :

BNA_F

ClientSampleId :

PB122181BS

Tot Ion: 77 Resp: 809024

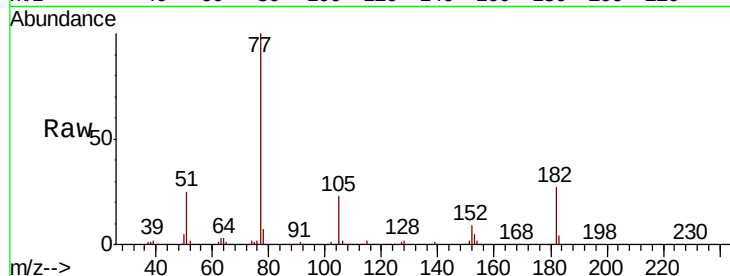
Ion Ratio Lower Upper

77 100

182 27.2 4.0 44.0

105 22.8 2.0 42.0

51 25.5 7.5 47.5

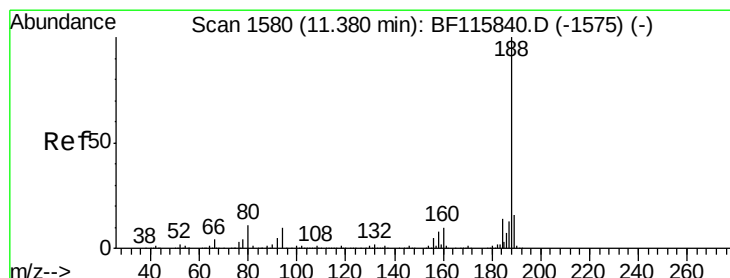
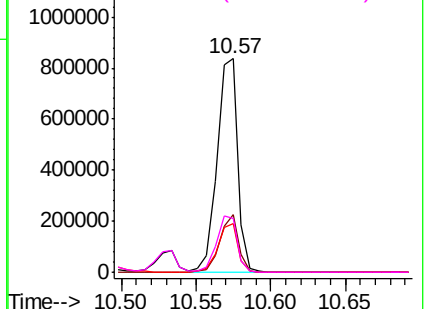
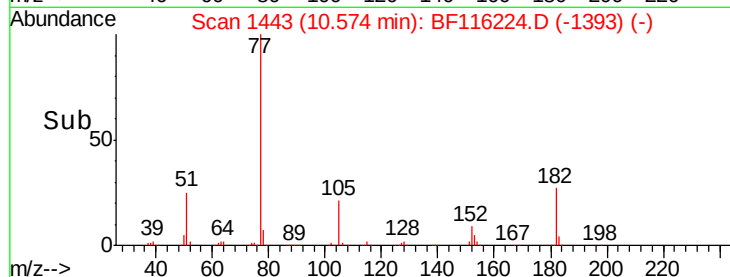


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF116224.D

Acq: 13 Aug 2019 11:50

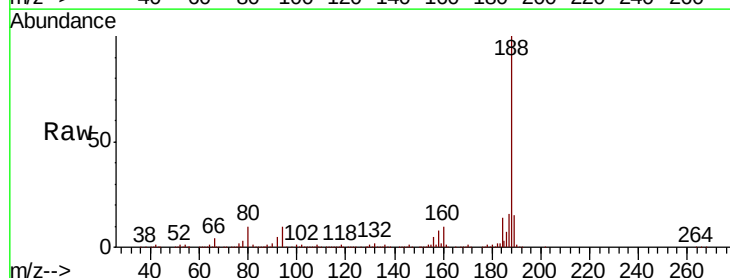
Tgt Ion: 188 Resp: 480915

Ion Ratio Lower Upper

188 100

94 9.6 8.1 12.1

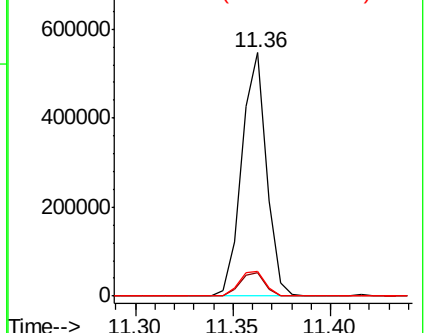
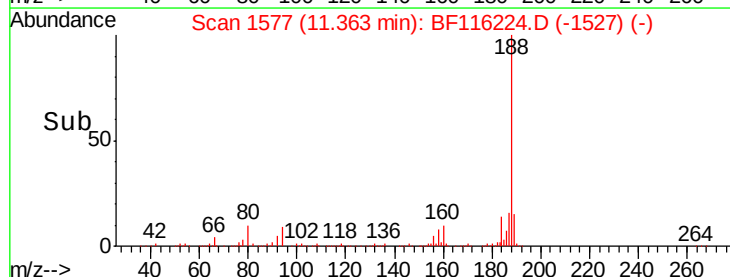
80 10.1 8.7 13.1

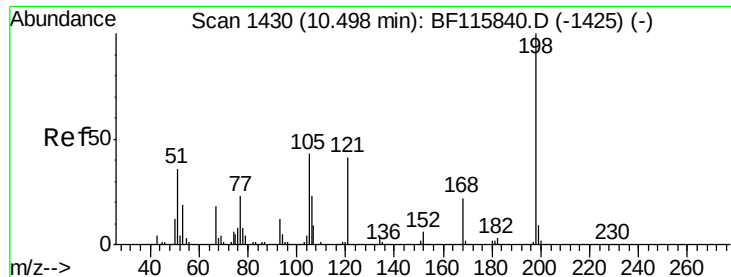


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 42.984 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF116224.D

Acq: 13 Aug 2019 11:50

Instrument :

BNA_F

ClientSampleId :

PB122181BS

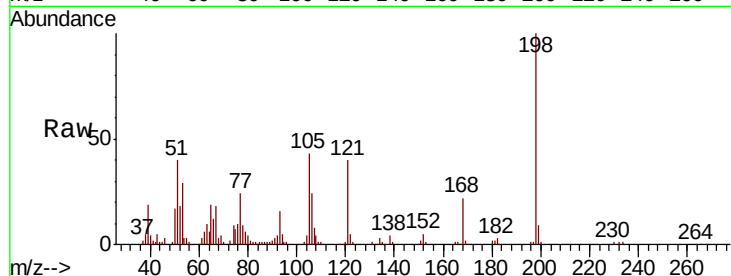
Tot Ion:198 Resp: 109545

Ion Ratio Lower Upper

198 100

51 39.6 17.0 57.0

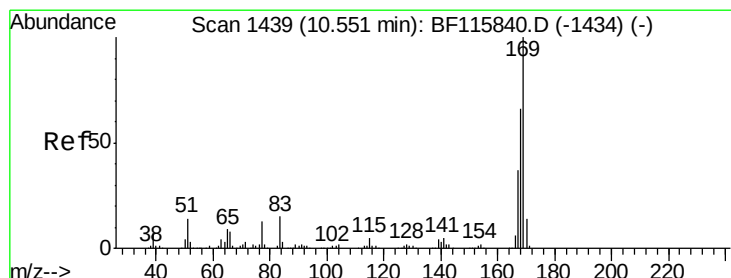
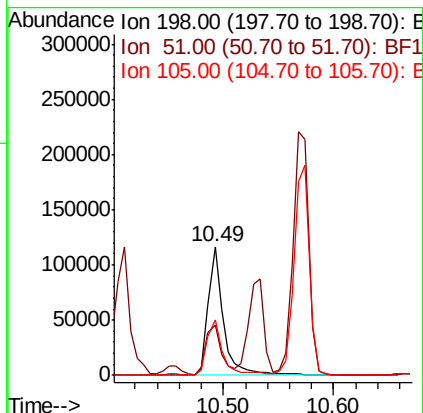
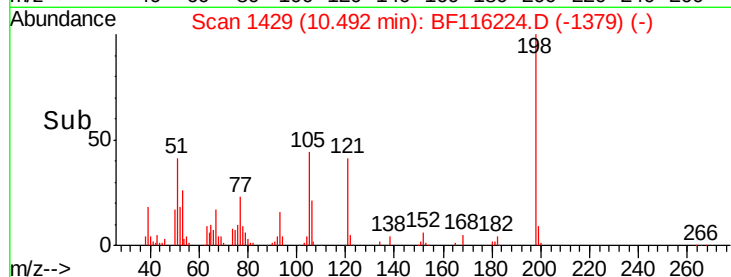
105 43.0 21.6 61.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.944 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF116224.D

Acq: 13 Aug 2019 11:50

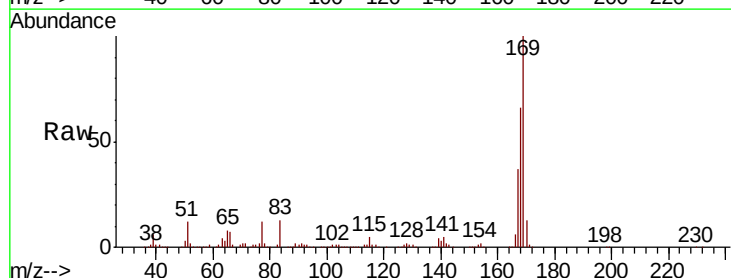
Tgt Ion:169 Resp: 650560

Ion Ratio Lower Upper

169 100

168 65.8 53.8 80.6

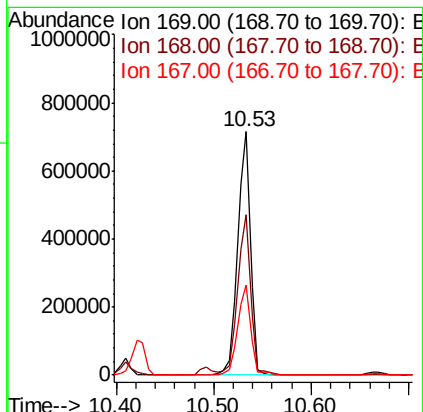
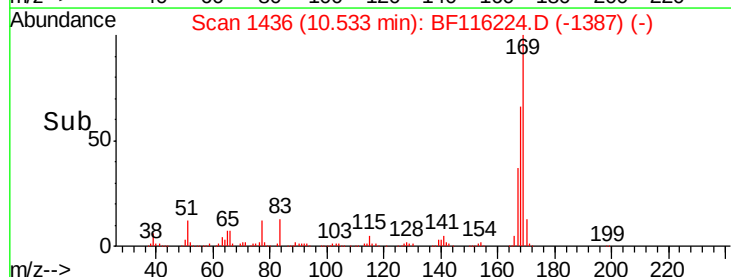
167 37.0 29.6 44.4

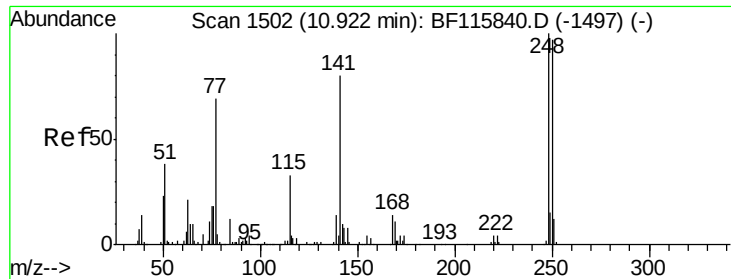


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

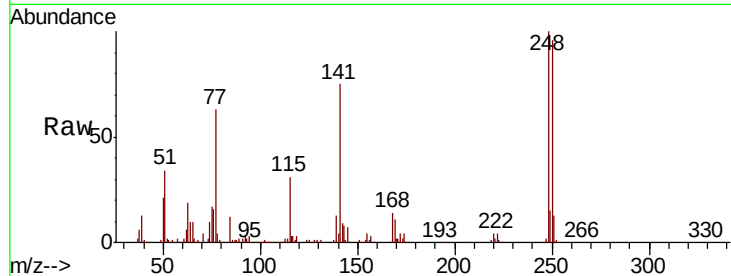




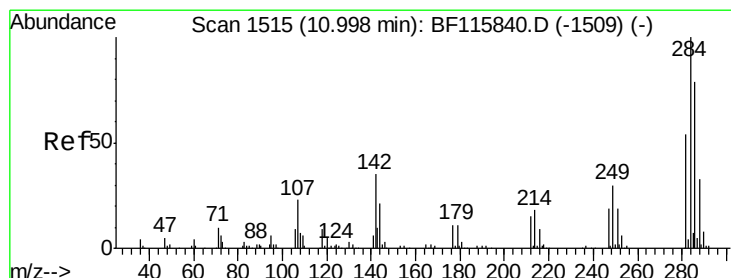
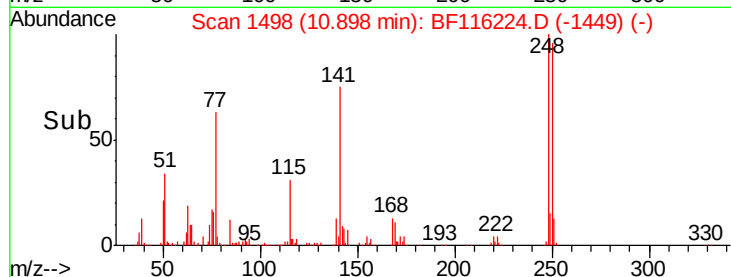
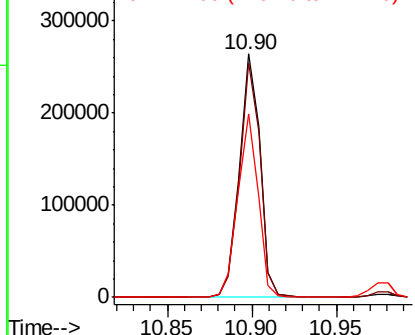
#67
4-Bromophenyl-phenylether
Concen: 43.691 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF116224.D
Acq: 13 Aug 2019 11:50

Instrument :
BNA_F
ClientSampleId :
PB122181BS

Tot Ion:248 Resp: 224928
Ion Ratio Lower Upper
248 100
250 96.2 77.4 116.2
141 75.4 56.8 85.2

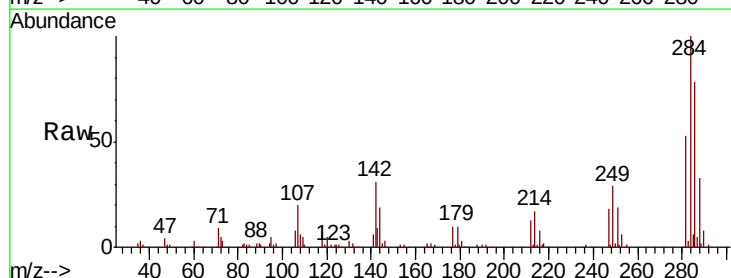


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

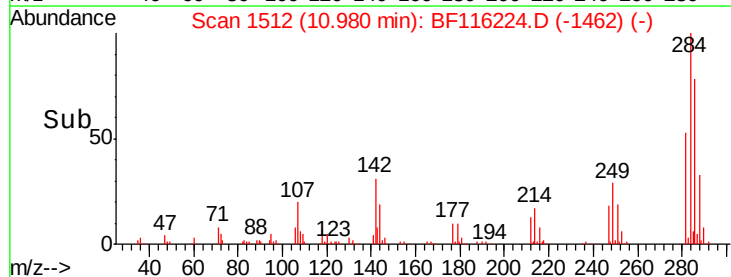
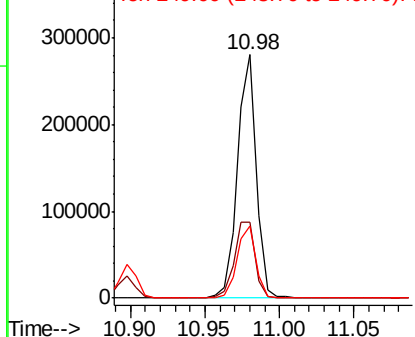


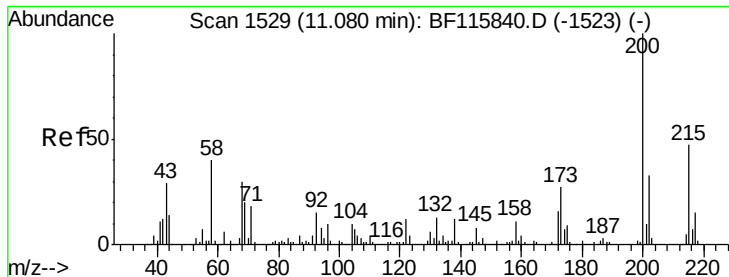
#68
Hexachlorobenzene
Concen: 41.667 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF116224.D
Acq: 13 Aug 2019 11:50

Tgt Ion:284 Resp: 248048
Ion Ratio Lower Upper
284 100
142 31.2 28.4 42.6
249 29.5 24.5 36.7



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

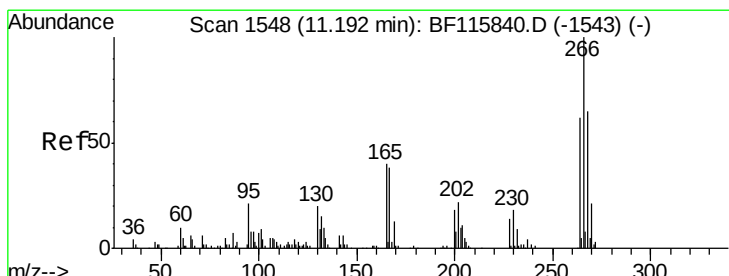
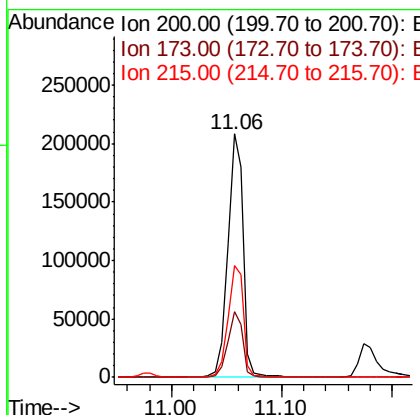
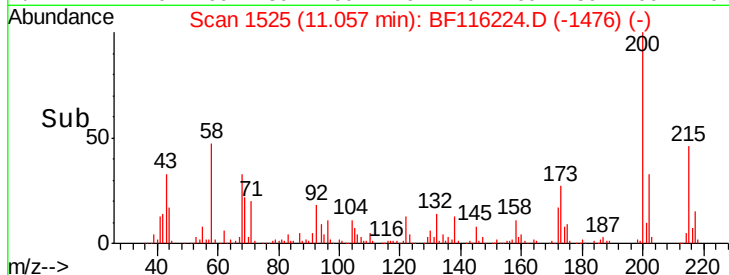
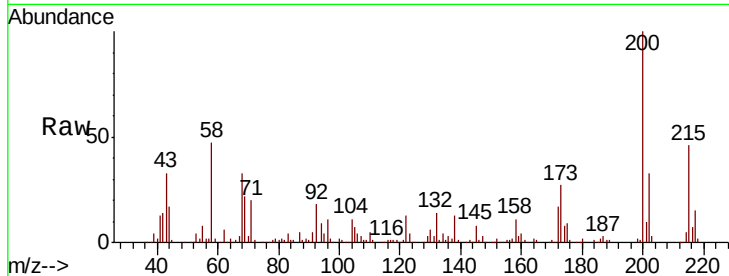




#69
Atrazine
Concen: 42.482 ng
RT: 11.06 min Scan# 1525
Delta R.T. -0.01 min
Lab File: BF116224.D
Acq: 13 Aug 2019 11:50

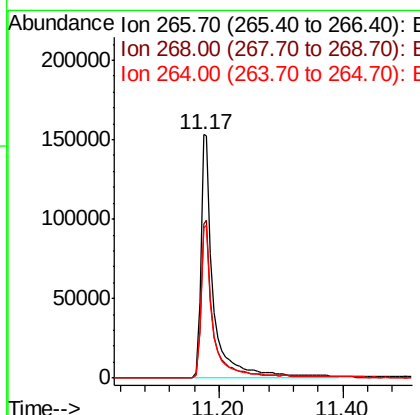
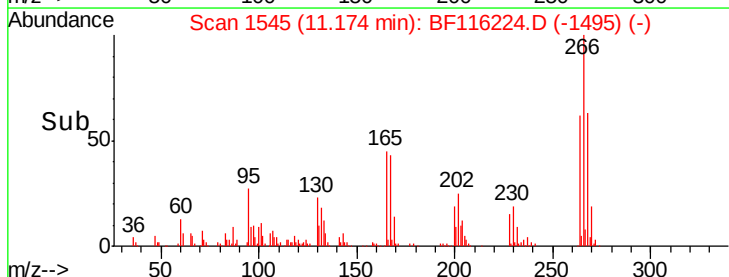
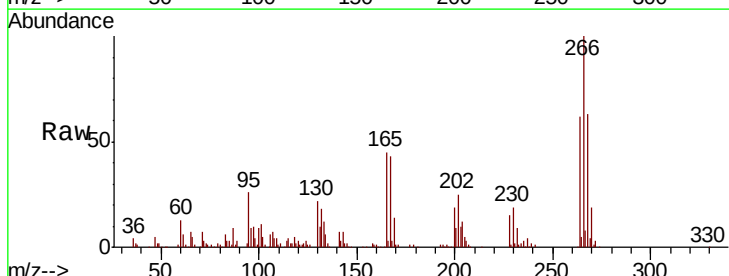
Instrument :
BNA_F
ClientSampleId :
PB122181BS

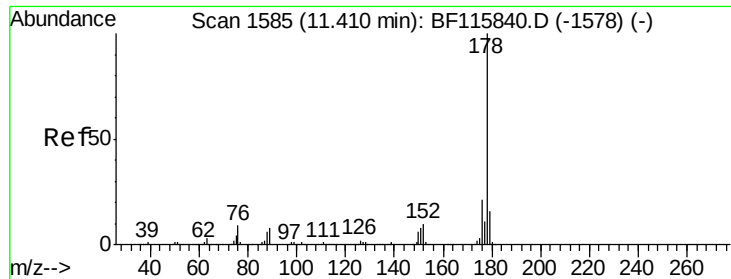
Tot Ion:200 Resp: 202299
Ion Ratio Lower Upper
200 100
173 27.0 6.8 46.8
215 45.6 27.5 67.5



#70
Pentachlorophenol
Concen: 78.081 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF116224.D
Acq: 13 Aug 2019 11:50

Tgt Ion:266 Resp: 225670
Ion Ratio Lower Upper
266 100
268 63.2 48.8 73.2
264 61.7 50.6 76.0

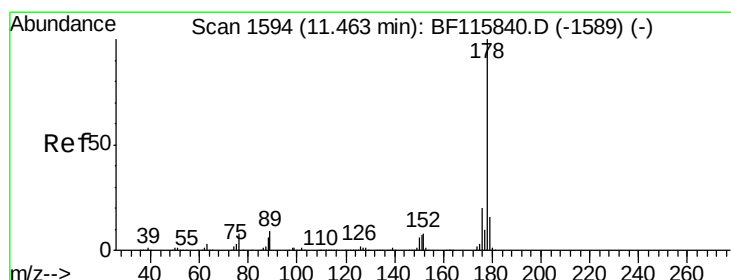
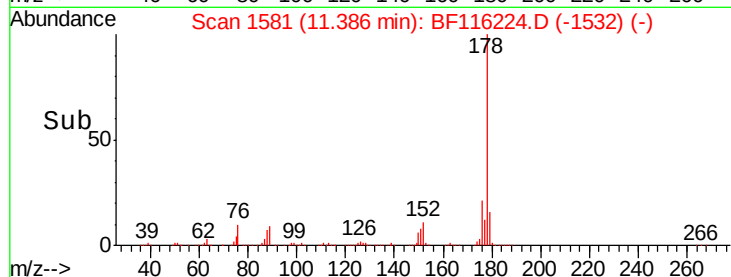
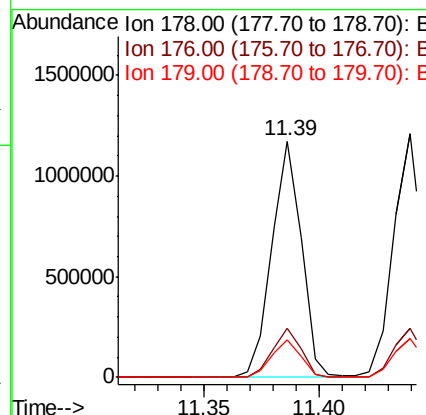
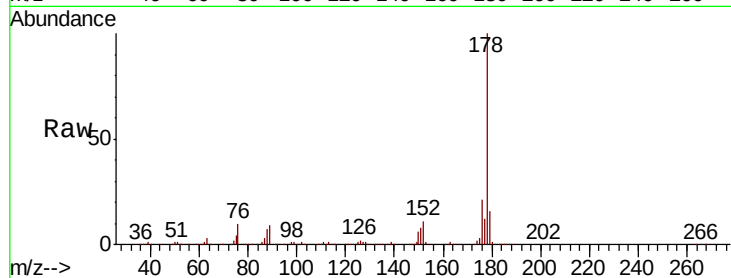




#71
Phenanthrene
Concen: 42.626 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116224.D
Acq: 13 Aug 2019 11:50

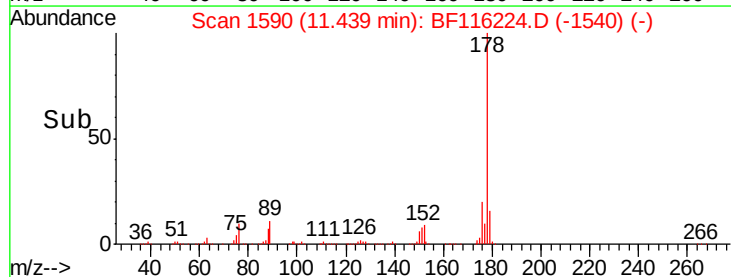
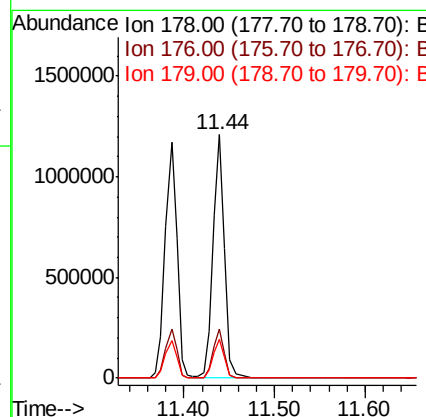
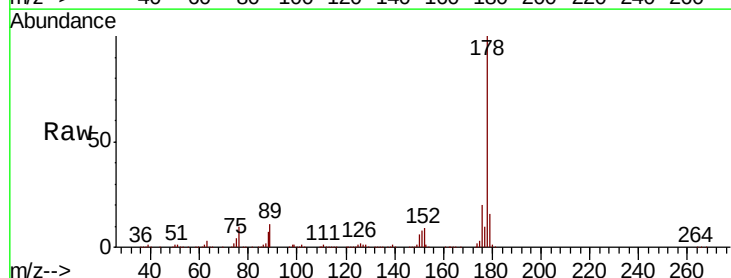
Instrument :
BNA_F
ClientSampleId :
PB122181BS

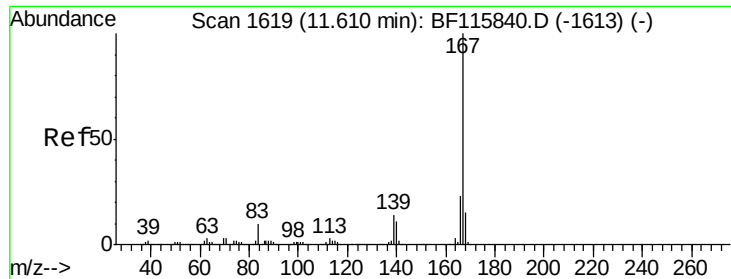
Tot Ion:178 Resp: 1047984
Ion Ratio Lower Upper
178 100
176 20.9 16.6 24.8
179 15.9 12.5 18.7



#72
Anthracene
Concen: 43.870 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF116224.D
Acq: 13 Aug 2019 11:50

Tgt Ion:178 Resp: 1091554
Ion Ratio Lower Upper
178 100
176 20.3 15.7 23.5
179 15.8 13.0 19.6

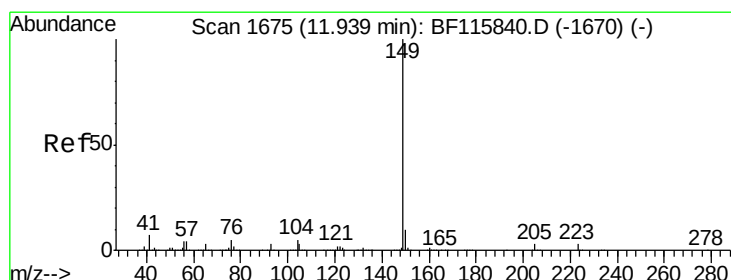
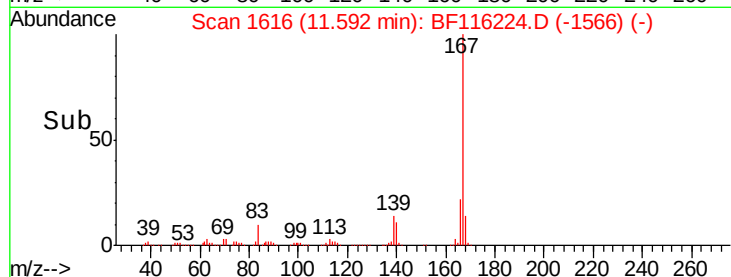
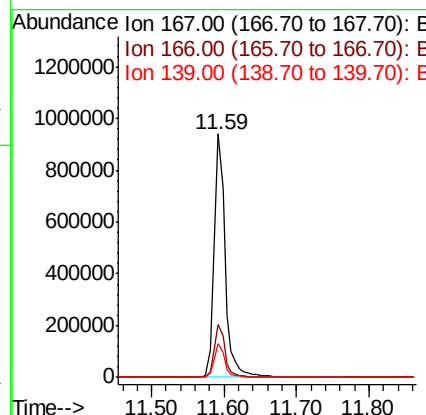
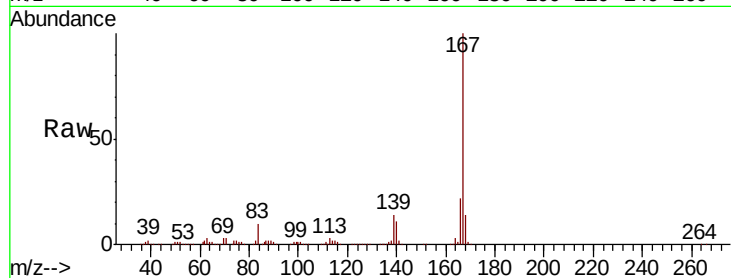




#73
 Carbazole
 Concen: 44.246 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF116224.D
 Acq: 13 Aug 2019 11:50

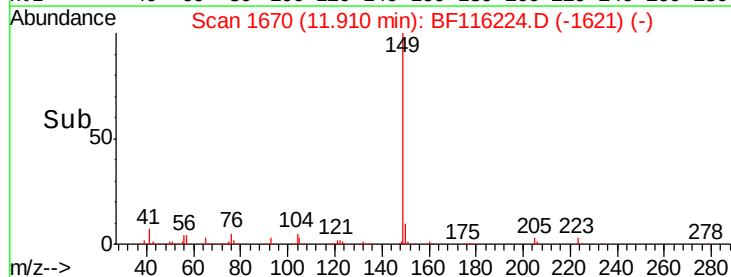
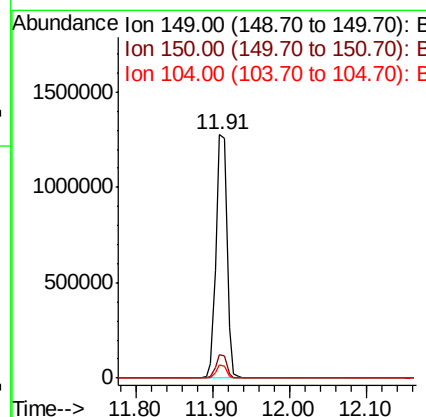
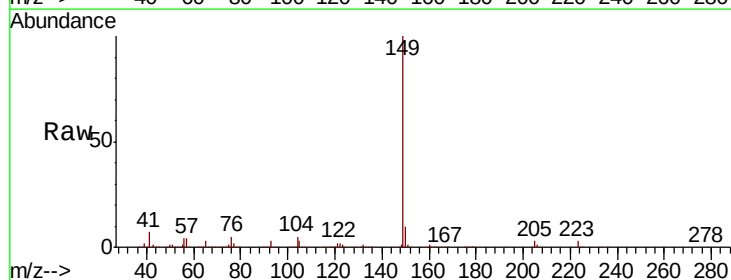
Instrument :
 BNA_F
 ClientSampleId :
 PB122181BS

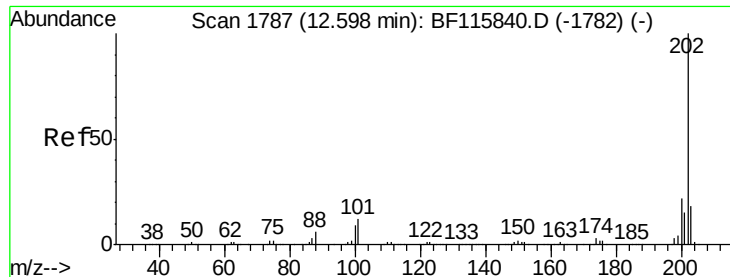
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.8	26.6
139	14.0	11.4	17.0



#74
 Di-n-butylphthalate
 Concen: 46.959 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BF116224.D
 Acq: 13 Aug 2019 11:50

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.0	12.0
104	5.5	4.5	6.7

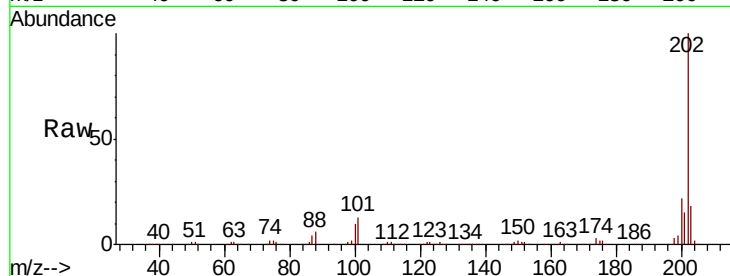




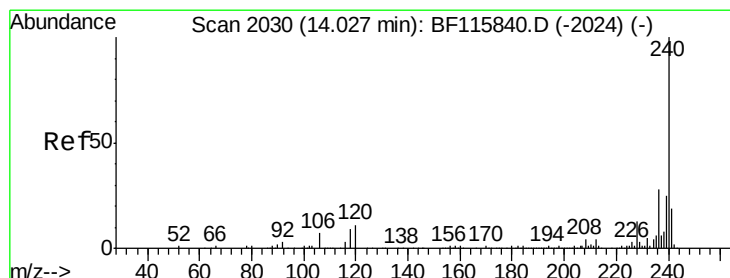
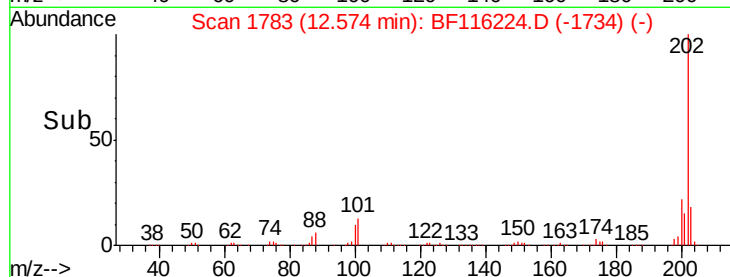
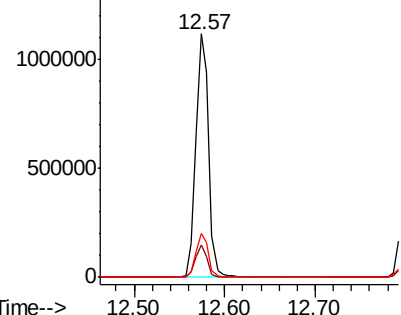
#75
 Fluoranthene
 Concen: 43.345 ng
 RT: 12.57 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BF116224.D
 Acq: 13 Aug 2019 11:50

Instrument :
 BNA_F
 ClientSampleId :
 PB122181BS

Tot Ion:202 Resp: 1115631
 Ion Ratio Lower Upper
 202 100
 101 13.2 0.0 31.2
 203 18.1 0.0 37.8

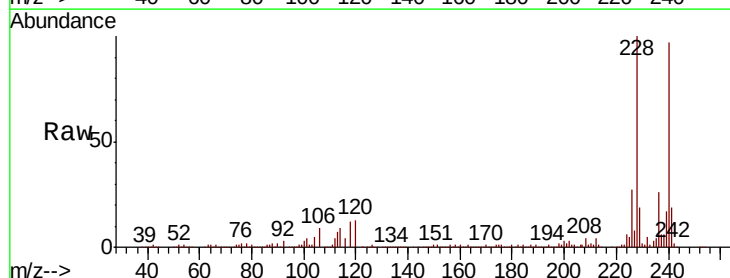


Abundance Ion 202.00 (201.70 to 202.70): E
 1500000 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

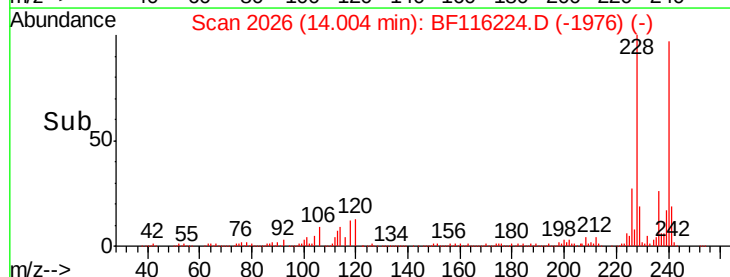
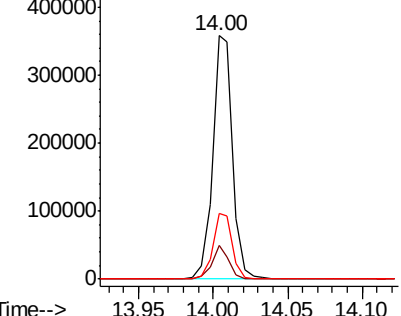


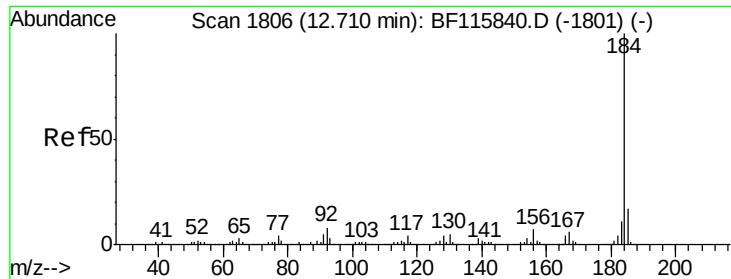
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF116224.D
 Acq: 13 Aug 2019 11:50

Tgt Ion:240 Resp: 335416
 Ion Ratio Lower Upper
 240 100
 120 13.7 10.7 16.1
 236 27.0 22.2 33.2



Abundance Ion 240.00 (239.70 to 240.70): E
 500000 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

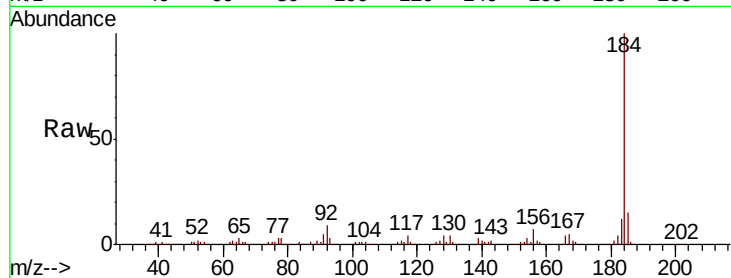




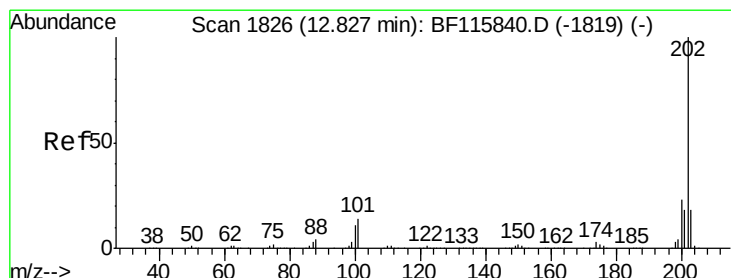
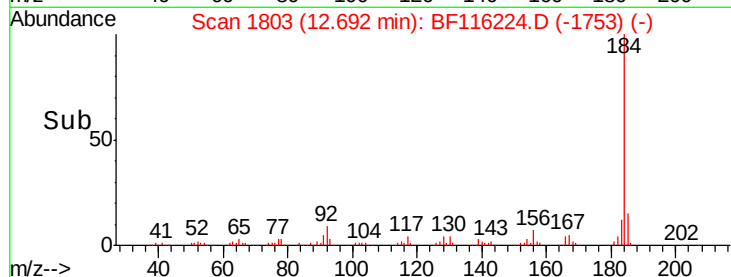
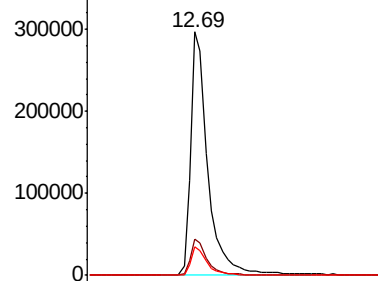
#77
Benzidine
Concen: 33.769 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF116224.D
Acq: 13 Aug 2019 11:50

Instrument :
BNA_F
ClientSampleId :
PB122181BS

Tot Ion:184 Resp: 382666
Ion Ratio Lower Upper
184 100
185 15.0 12.8 19.2
183 11.7 9.4 14.0

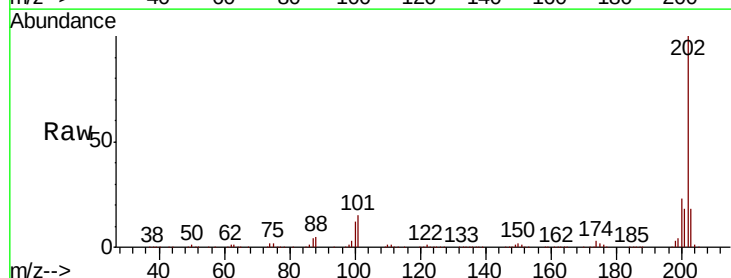


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

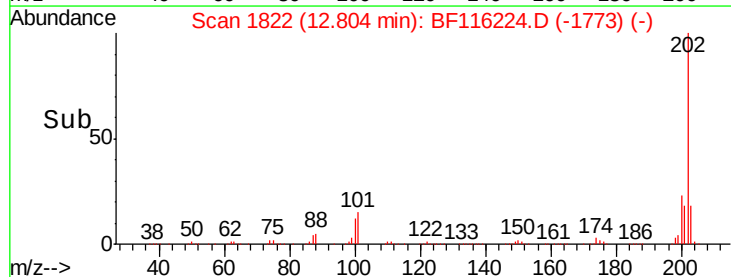
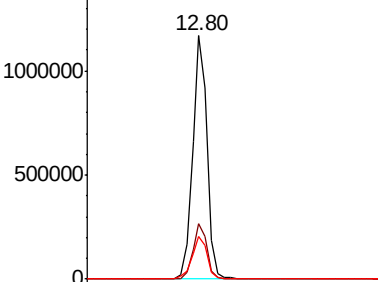


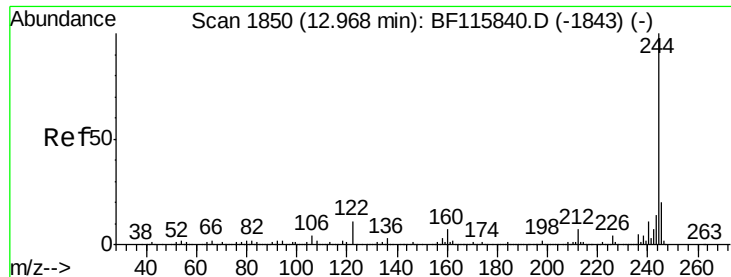
#78
Pyrene
Concen: 44.450 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF116224.D
Acq: 13 Aug 2019 11:50

Tgt Ion:202 Resp: 1123889
Ion Ratio Lower Upper
202 100
200 22.6 18.0 27.0
203 17.7 14.1 21.1



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

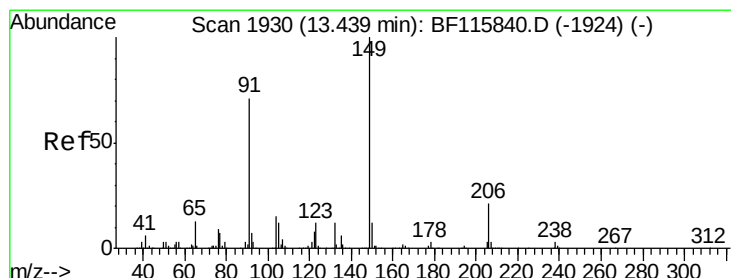
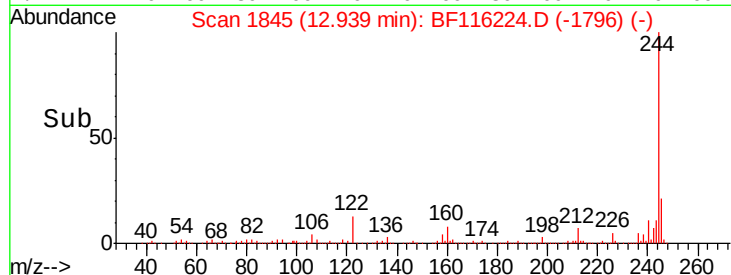
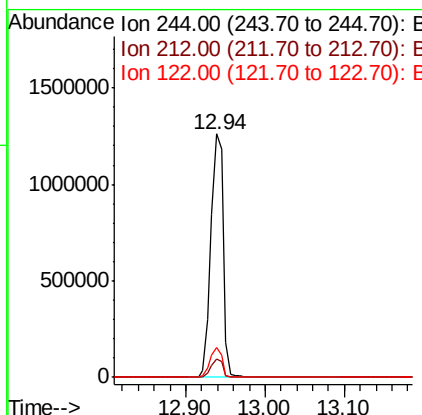
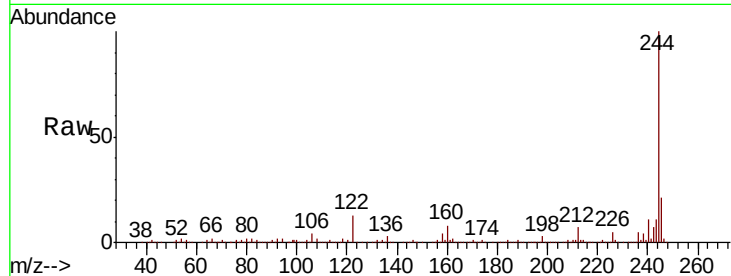




#79
 Terphenyl-d14
 Concen: 85.767 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF116224.D
 Acq: 13 Aug 2019 11:50

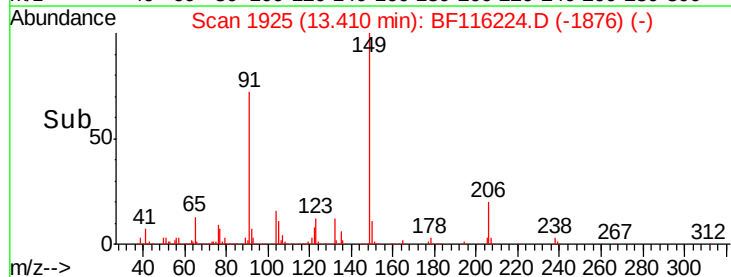
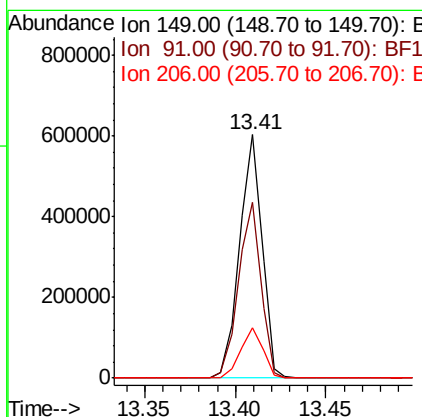
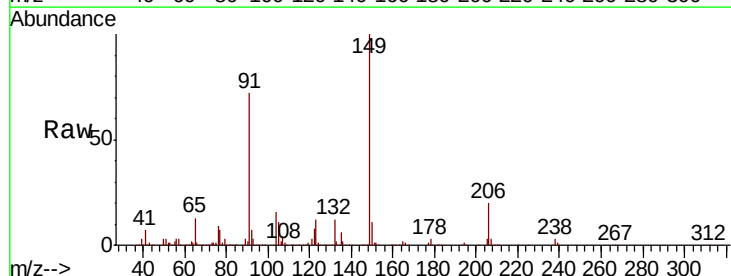
Instrument :
 BNA_F
 ClientSampleId :
 PB122181BS

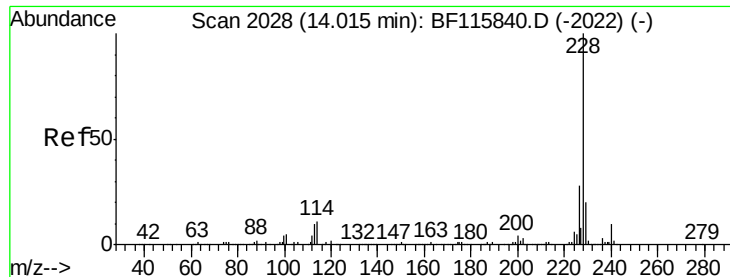
Tot Ion:244 Resp: 1365225
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 12.5 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 48.564 ng
 RT: 13.41 min Scan# 1925
 Delta R.T. -0.01 min
 Lab File: BF116224.D
 Acq: 13 Aug 2019 11:50

Tgt Ion:149 Resp: 519402
 Ion Ratio Lower Upper
 149 100
 91 72.0 56.3 84.5
 206 20.5 18.0 27.0





#81

Benzo(a)anthracene

Concen: 43.189 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BF116224.D

Acq: 13 Aug 2019 11:50

Instrument :

BNA_F

ClientSampleId :

PB122181BS

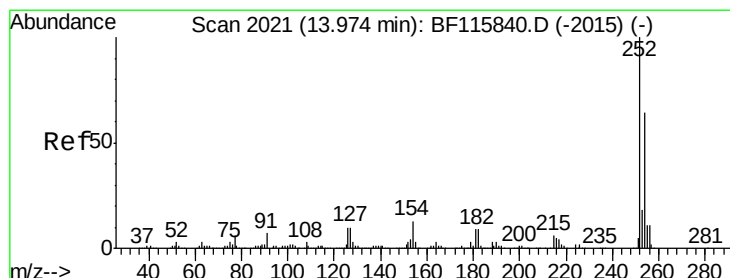
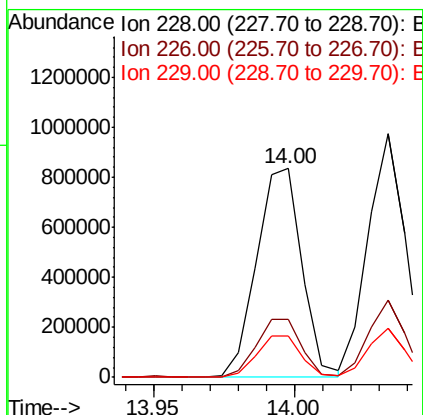
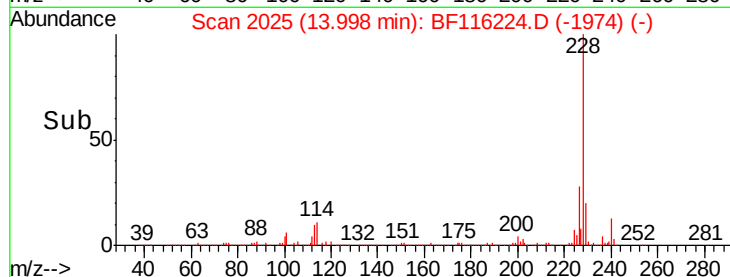
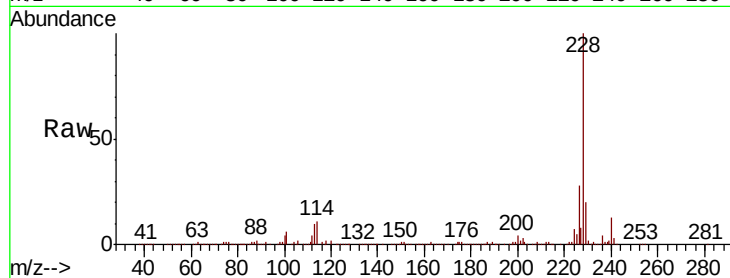
Tot Ion:228 Resp: 925912

Ion Ratio Lower Upper

228 100

226 27.8 22.7 34.1

229 20.1 16.2 24.4



#82

3,3'-Dichlorobenzidine

Concen: 37.971 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF116224.D

Acq: 13 Aug 2019 11:50

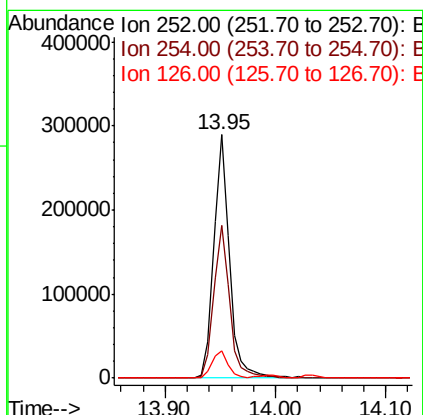
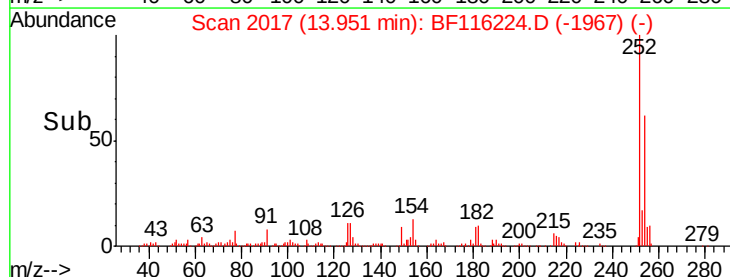
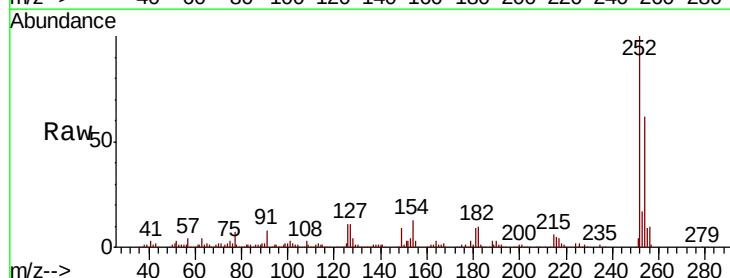
Tgt Ion:252 Resp: 282815

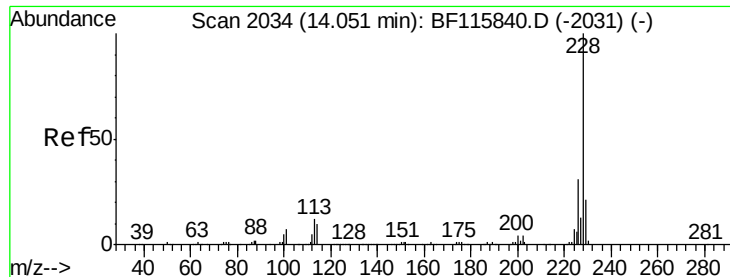
Ion Ratio Lower Upper

252 100

254 62.5 50.9 76.3

126 11.3 9.8 14.8

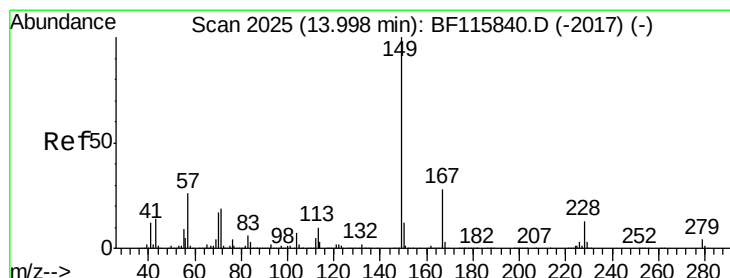
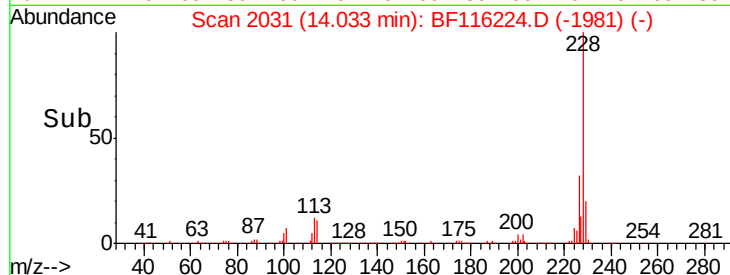
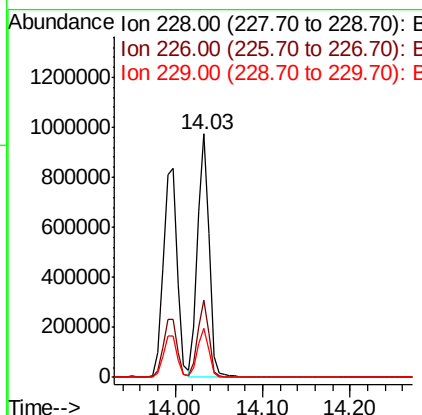
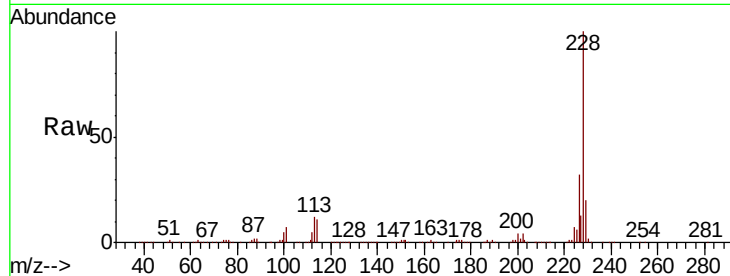




#83
 Chrysene
 Concen: 43.156 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF116224.D
 Acq: 13 Aug 2019 11:50

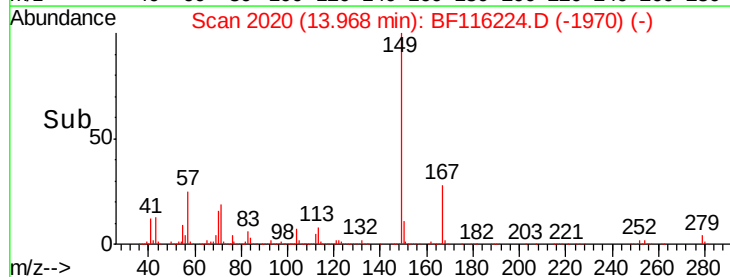
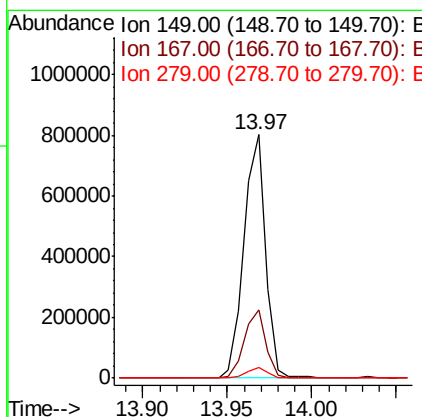
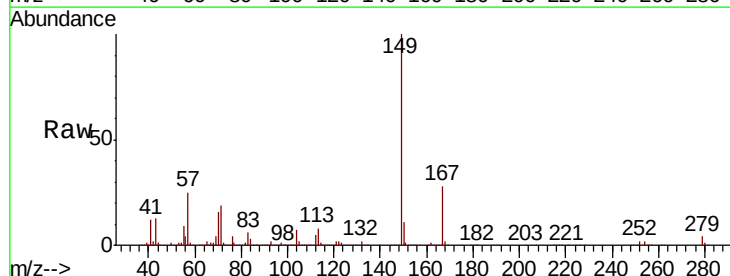
Instrument :
 BNA_F
 ClientSampleId :
 PB122181BS

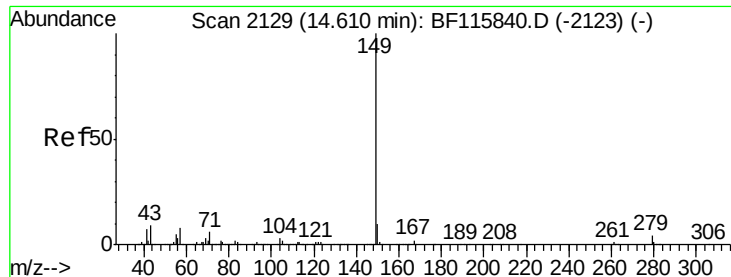
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.5	38.3
229	20.2	16.6	24.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 51.730 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF116224.D
 Acq: 13 Aug 2019 11:50

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.6	32.4
279	4.3	3.0	4.4

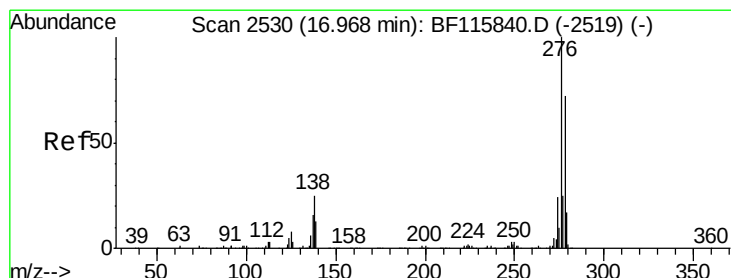
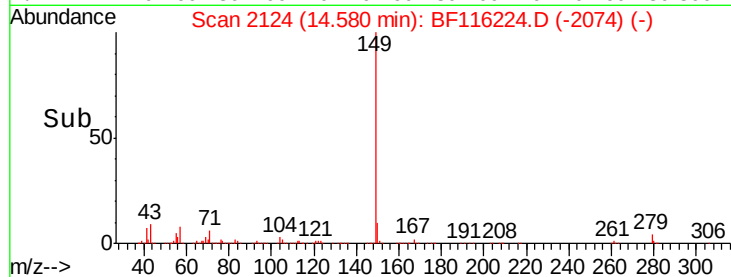
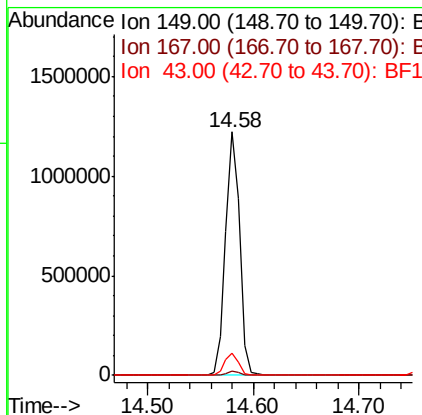
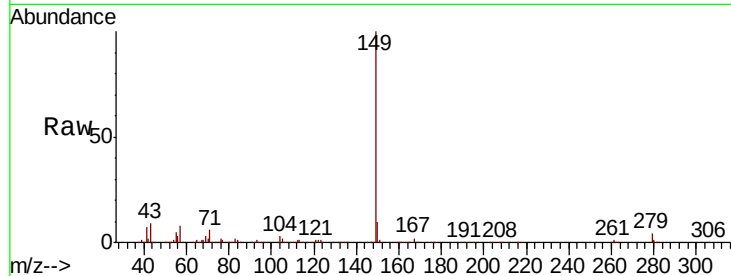




#85
Di-n-octyl phthalate
Concen: 51.745 ng
RT: 14.58 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BF116224.D
Acq: 13 Aug 2019 11:50

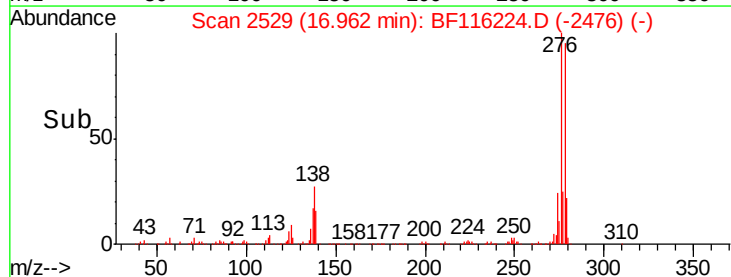
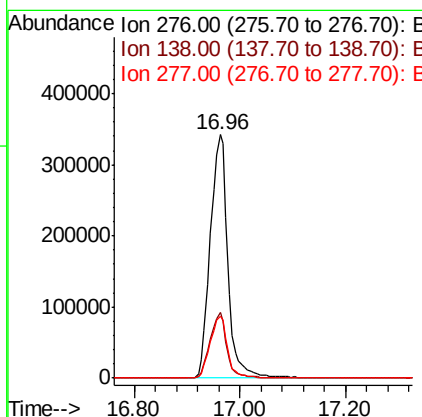
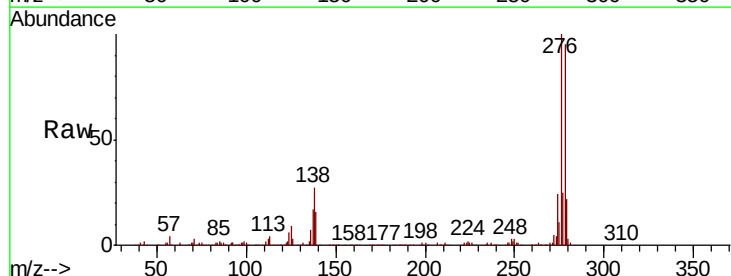
Instrument :
BNA_F
ClientSampleId :
PB122181BS

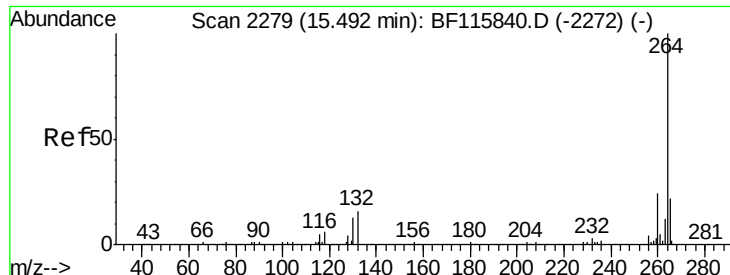
Tot Ion:149 Resp: 1142311
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 9.0 7.5 11.3



#86
Indeno(1,2,3-cd)pyrene
Concen: 45.612 ng
RT: 16.96 min Scan# 2529
Delta R.T. 0.01 min
Lab File: BF116224.D
Acq: 13 Aug 2019 11:50

Tgt Ion:276 Resp: 797349
Ion Ratio Lower Upper
276 100
138 25.9 20.4 30.6
277 25.3 20.0 30.0



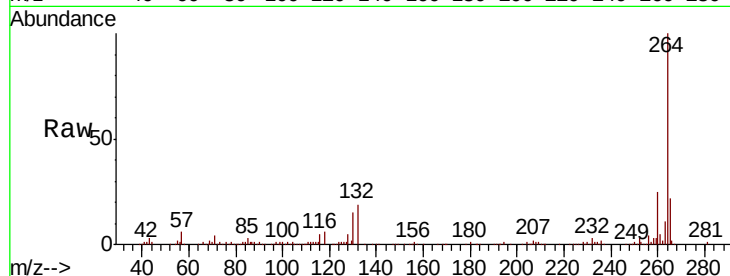


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BF116224.D
Acq: 13 Aug 2019 11:50

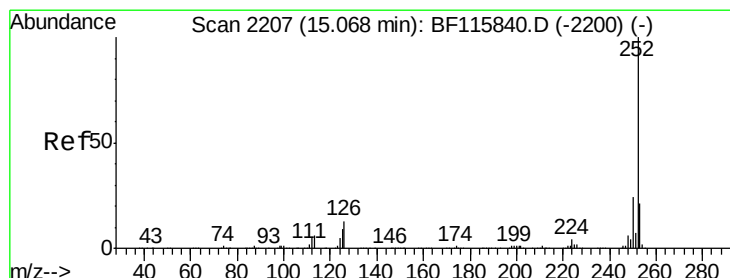
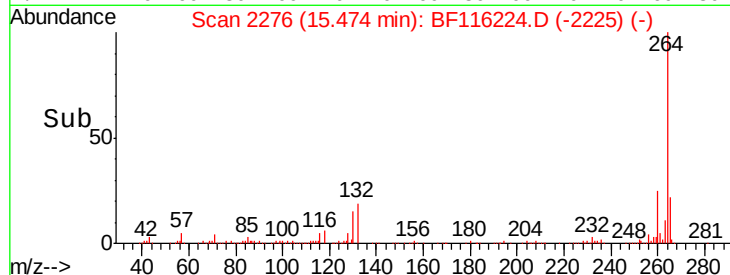
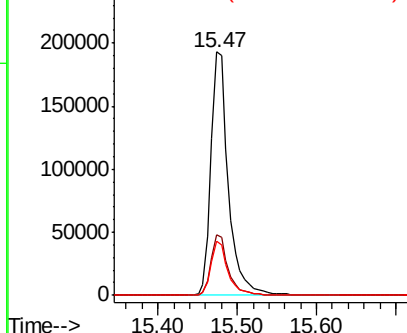
Instrument :
BNA_F
ClientSampleId :
PB122181BS

Tot Ion:264 Resp: 295416

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.7	29.5
265	22.2	17.4	26.0



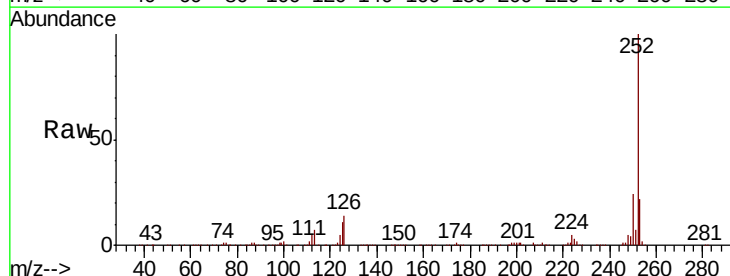
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



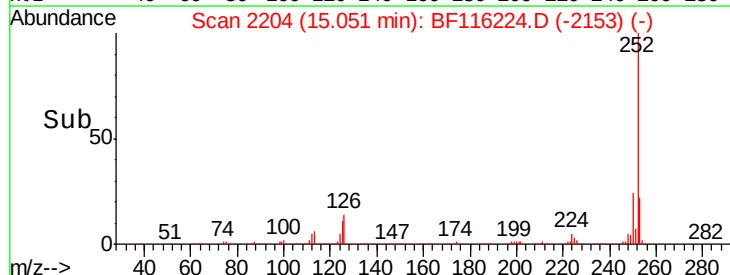
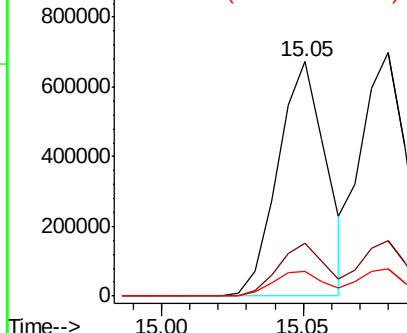
#88
Benzo(b)fluoranthene
Concen: 46.449 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BF116224.D
Acq: 13 Aug 2019 11:50

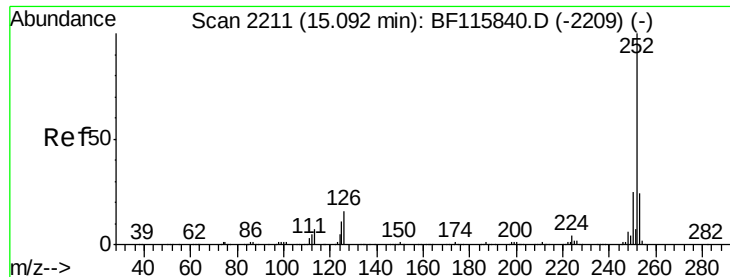
Tgt Ion:252 Resp: 793411

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	10.6	8.4	12.6



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

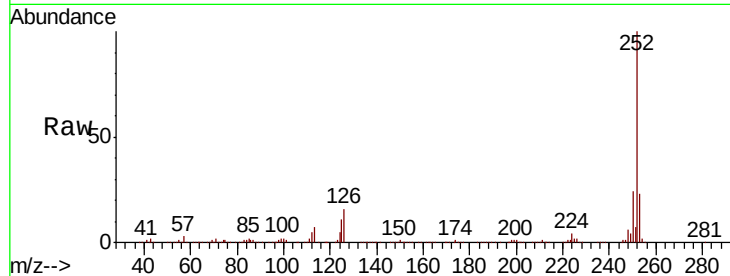




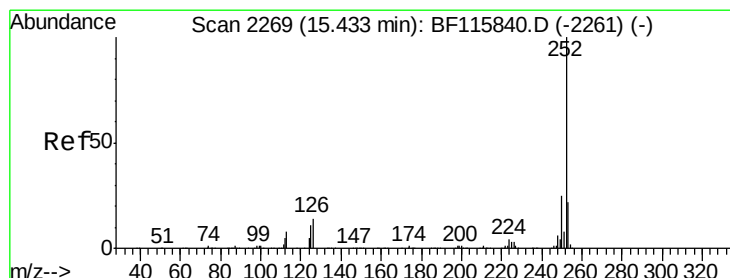
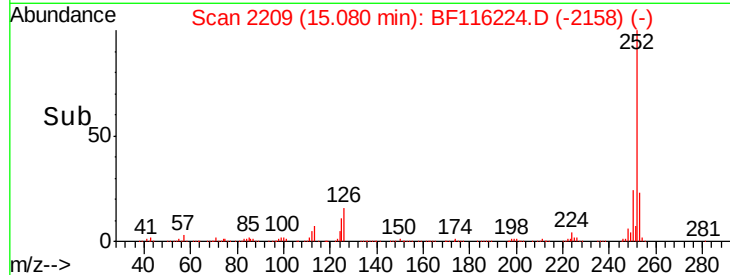
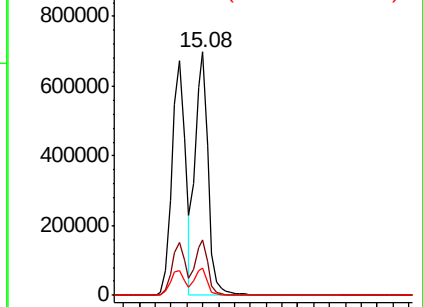
#89
Benzo(k)fluoranthene
Concen: 48.125 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BF116224.D
Acq: 13 Aug 2019 11:50

Instrument :
BNA_F
ClientSampleId :
PB122181BS

Tot Ion:252 Resp: 800681
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 11.0 7.7 11.5

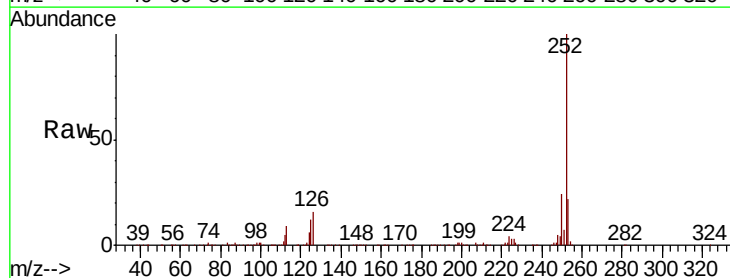


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

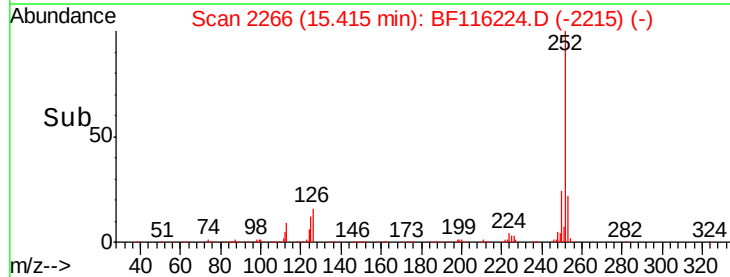
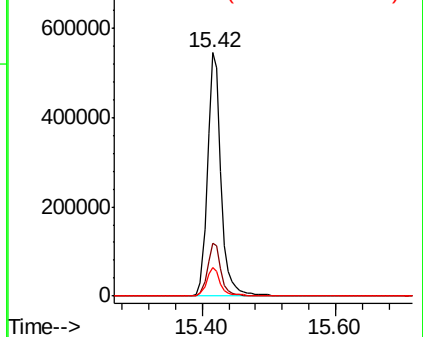


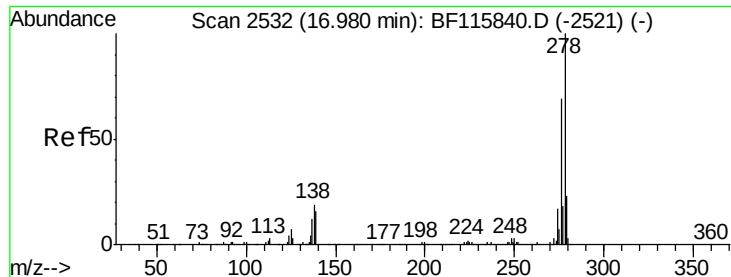
#90
Benzo(a)pyrene
Concen: 50.155 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.00 min
Lab File: BF116224.D
Acq: 13 Aug 2019 11:50

Tgt Ion:252 Resp: 765838
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 11.9 8.9 13.3



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: 50.824 ng

RT: 16.96 min Scan# 2529

Delta R.T. 0.01 min

Lab File: BF116224.D

Acq: 13 Aug 2019 11:50

Instrument :

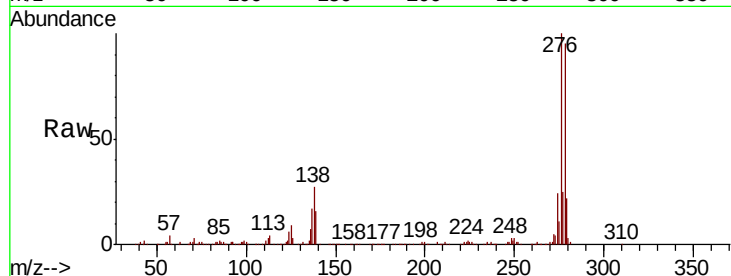
BNA_F

ClientSampleId :

PB122181BS

Tot Ion:278 Resp: 671756

Ion	Ratio	Lower	Upper
278	100		
139	17.0	12.8	19.2
279	23.1	18.8	28.2

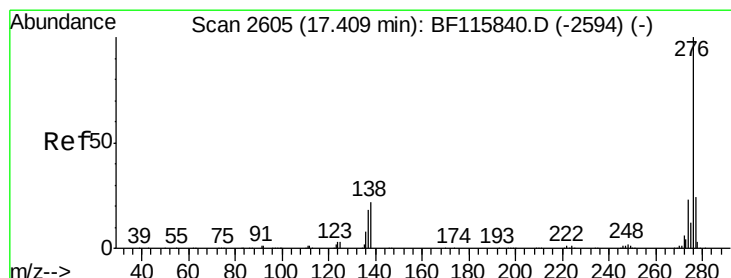
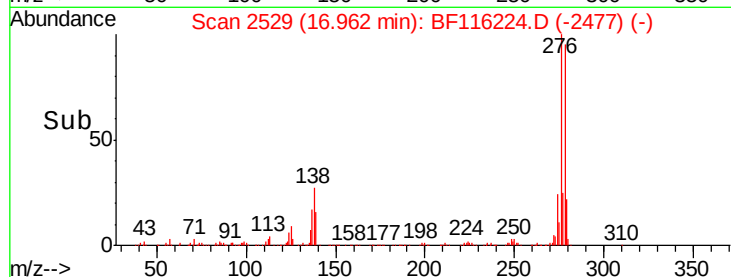
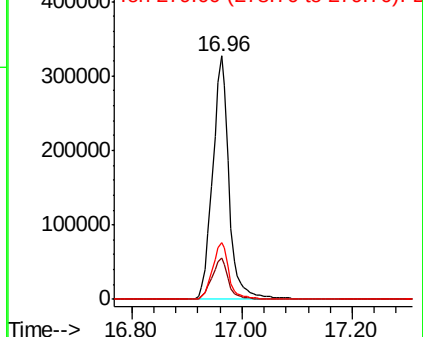


Abundance

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: 51.448 ng

RT: 17.40 min Scan# 2604

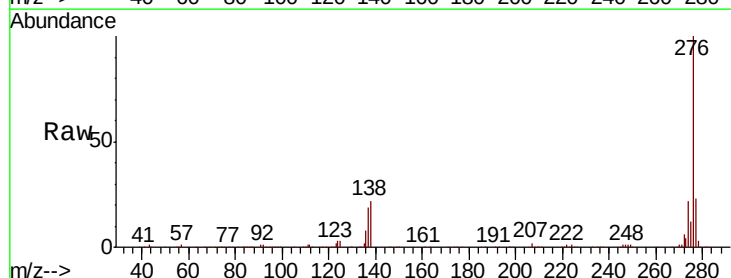
Delta R.T. 0.02 min

Lab File: BF116224.D

Acq: 13 Aug 2019 11:50

Tgt Ion:276 Resp: 667832

Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.4	27.6
138	21.8	17.0	25.6



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

