

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122819\
 Data File : BF118359.D
 Acq On : 28 Dec 2019 12:17
 Operator : JU
 Sample : PB125767BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 29 06:59:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	173412	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	770424	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	420077	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	782617	20.00	ng	0.01
76) Chrysene-d12	14.06	240	509781	20.00	ng	0.00
87) Perylene-d12	15.54	264	364716	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	841513	82.83	ng	0.02
7) Phenol-d6	6.50	99	1023574	81.22	ng	0.01
23) Nitrobenzene-d5	7.43	82	1096960	81.44	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	373441	71.99	ng	0.01
45) 2-Fluorobiphenyl	9.22	172	2261799	82.19	ng	0.00
79) Terphenyl-d14	12.99	244	2635224	85.76	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	149164	36.935	ng	100
3) Pyridine	3.46	79	323579	30.073	ng	96
4) n-Nitrosodimethylamine	3.42	42	183520	41.253	ng	93
6) Aniline	6.52	93	515995	32.244	ng	# 77
8) 2-Chlorophenol	6.65	128	548610	47.682	ng	98
9) Benzaldehyde	6.40	77	228574	30.936	ng	97
10) Phenol	6.51	94	642819	45.382	ng	89
11) bis(2-Chloroethyl)ether	6.59	93	471986	46.592	ng	96
12) 1,3-Dichlorobenzene	6.79	146	543220	40.995	ng	99
13) 1,4-Dichlorobenzene	6.87	146	559695	41.584	ng	99
14) 1,2-Dichlorobenzene	7.03	146	536761	42.241	ng	98
15) Benzyl Alcohol	7.00	79	443745	46.246	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	479557	44.364	ng	79
17) 2-Methylphenol	7.12	107	434150	47.046	ng	96
18) Hexachloroethane	7.36	117	204277	41.354	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	353468	45.529	ng	99
20) 3+4-Methylphenols	7.27	107	552036	46.740	ng	94
22) Acetophenone	7.27	105	728248	38.568	ng	# 94
24) Nitrobenzene	7.45	77	536543	39.763	ng	97
25) Isophorone	7.68	82	971192	41.370	ng	98
26) 2-Nitrophenol	7.76	139	308794	43.206	ng	96
27) 2,4-Dimethylphenol	7.80	122	475420	48.754	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	609496	39.699	ng	99
29) 2,4-Dichlorophenol	8.00	162	466829	41.593	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	506035	38.704	ng	98
31) Naphthalene	8.16	128	1596586	40.773	ng	99
32) Benzoic acid	7.96	122	300794	37.885	ng	97
33) 4-Chloroaniline	8.22	127	383725	22.859	ng	96
34) Hexachlorobutadiene	8.27	225	289977	37.259	ng	99
35) Caprolactam	8.60	113	91869	26.218	ng	95
36) 4-Chloro-3-methylphenol	8.71	107	493975	40.993	ng	98
37) 2-Methylnaphthalene	8.86	142	1112641	41.501	ng	100
38) 1-Methylnaphthalene	8.96	142	1038204	41.103	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	483390	38.299	ng	99

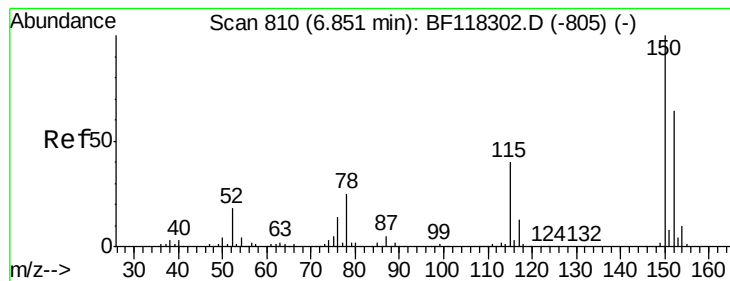
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122819\
 Data File : BF118359.D
 Acq On : 28 Dec 2019 12:17
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	339857	65.757	ng	97
43) 2,4,6-Trichlorophenol	9.15	196	330803	39.232	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	345852	39.872	ng	99
46) 1,1'-Biphenyl	9.33	154	1312573	39.505	ng	99
47) 2-Chloronaphthalene	9.35	162	1027362	38.419	ng	99
48) 2-Nitroaniline	9.45	65	282945	37.460	ng	98
49) Acenaphthylene	9.77	152	1599646	40.334	ng	99
50) Dimethylphthalate	9.63	163	1222218	38.760	ng	99
51) 2,6-Dinitrotoluene	9.70	165	270499	39.790	ng	92
52) Acenaphthene	9.95	154	941743	38.984	ng	100
53) 3-Nitroaniline	9.87	138	188019	23.564	ng	93
54) 2,4-Dinitrophenol	9.99	184	257639	75.478	ng	96
55) Dibenzofuran	10.12	168	1397089	39.140	ng	97
56) 4-Nitrophenol	10.05	139	383867	77.930	ng	87
57) 2,4-Dinitrotoluene	10.11	165	356939	39.294	ng	# 88
58) Fluorene	10.46	166	1127231	39.120	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.24	232	293292	39.795	ng	99
60) Diethylphthalate	10.33	149	1226003	39.301	ng	99
61) 4-Chlorophenyl-phenylether	10.45	204	558212	38.807	ng	98
62) 4-Nitroaniline	10.49	138	272254	32.845	ng	100
63) Azobenzene	10.61	77	1050507	39.315	ng	99
65) 4,6-Dinitro-2-methylphenol	10.52	198	192415	45.575	ng	88
66) n-Nitrosodiphenylamine	10.57	169	1010471	40.286	ng	99
67) 4-Bromophenyl-phenylether	10.94	248	358809	39.176	ng	99
68) Hexachlorobenzene	11.02	284	410632	38.089	ng	# 91
69) Atrazine	11.10	200	341461	44.109	ng	97
70) Pentachlorophenol	11.21	266	362569	77.655	ng	99
71) Phenanthrene	11.43	178	1643104	38.512	ng	99
72) Anthracene	11.48	178	1710706	40.059	ng	100
73) Carbazole	11.64	167	1474737	38.918	ng	99
74) Di-n-butylphthalate	11.96	149	1944798	40.477	ng	99
75) Fluoranthene	12.62	202	1694413	39.352	ng	97
77) Benzidine	12.74	184	502271	35.958	ng	99
78) Pyrene	12.85	202	1688160	40.552	ng	99
80) Butylbenzylphthalate	13.46	149	801507	42.761	ng	99
81) Benzo(a)anthracene	14.04	228	1407161	39.435	ng	99
82) 3,3'-Dichlorobenzidine	14.00	252	423596	35.012	ng	99
83) Chrysene	14.09	228	1330106	38.929	ng	100
84) Bis(2-ethylhexyl)phthalate	14.02	149	1122660	45.550	ng	98
85) Di-n-octyl phthalate	14.63	149	1738496	47.952	ng	100
86) Indeno(1,2,3-cd)pyrene	17.07	276	1061420	36.459	ng	99
88) Benzo(b)fluoranthene	15.11	252	1116608	46.122	ng	99
89) Benzo(k)fluoranthene	15.14	252	1112117	47.842	ng	99
90) Benzo(a)pyrene	15.49	252	954541	44.758	ng	98
91) Dibenzo(a,h)anthracene	17.07	278	911010	49.225	ng	98
92) Benzo(g,h,i)perylene	17.52	276	886098	49.564	ng	98

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

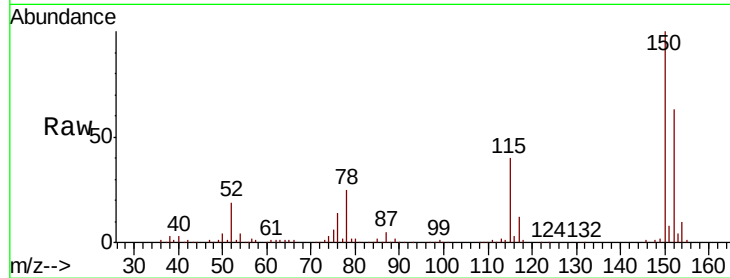


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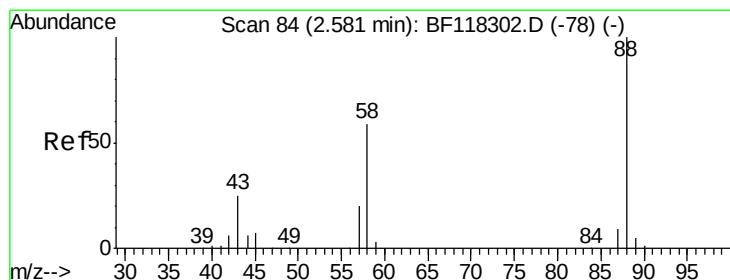
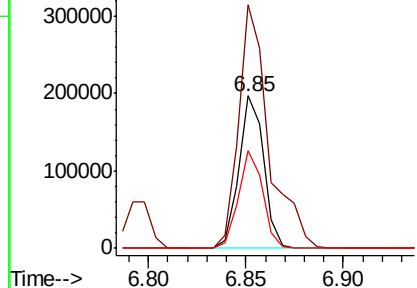
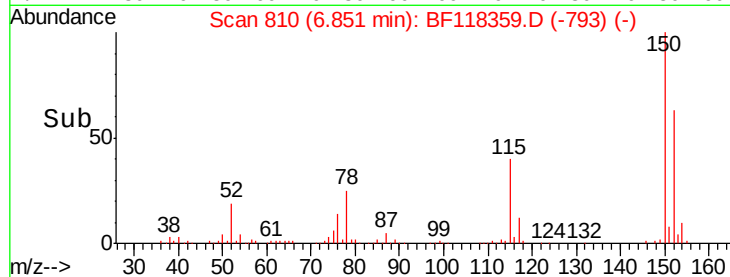
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 173412
Ion Ratio Lower Upper
152 100
150 160.0 125.4 188.2
115 64.1 50.2 75.4



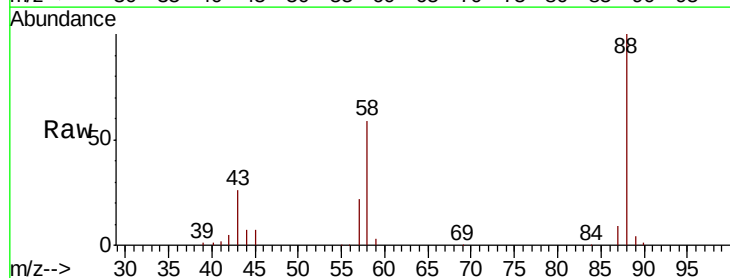
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



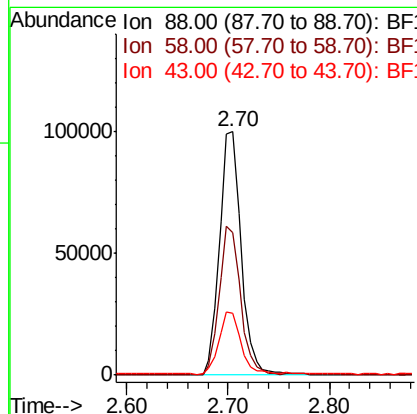
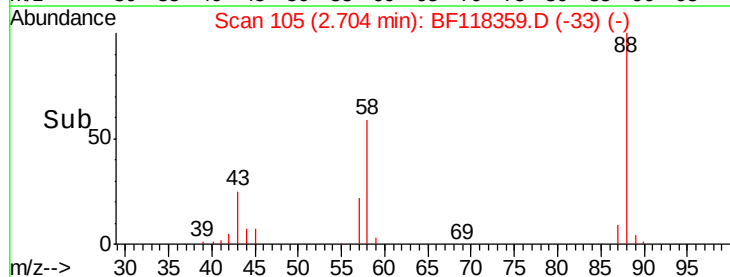
#2

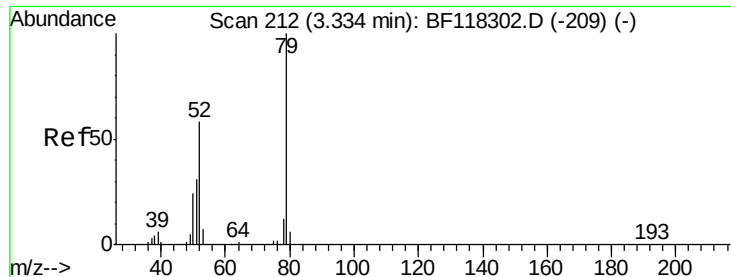
1,4-Dioxane
Concen: 36.935 ng
RT: 2.70 min Scan# 105
Delta R.T. 0.12 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Tgt Ion: 88 Resp: 149164
Ion Ratio Lower Upper
88 100
58 59.8 47.6 71.4
43 25.7 20.6 30.8



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

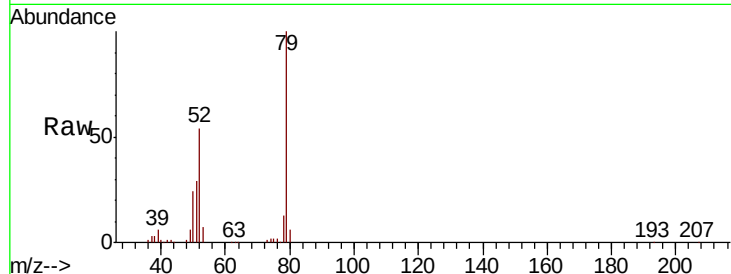




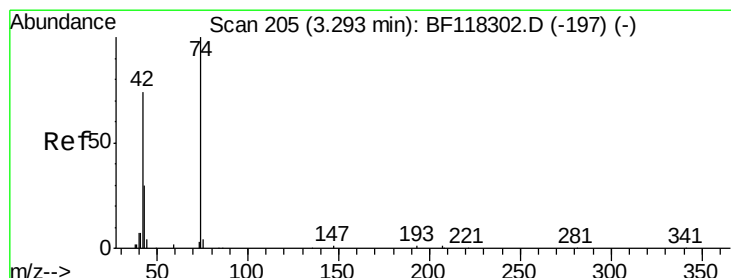
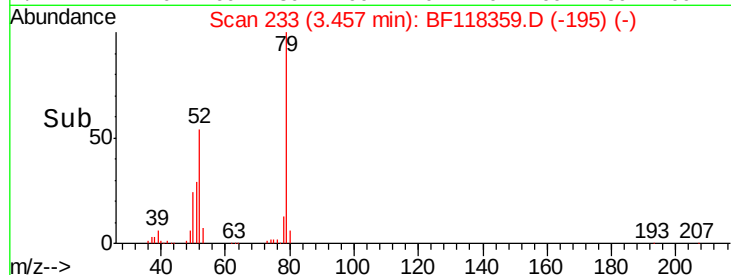
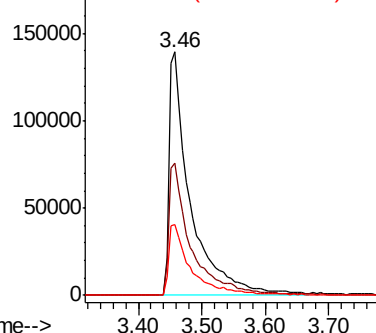
#3
 Pvridine
 Concen: 30.073 ng
 RT: 3.46 min Scan# 233
 Delta R.T. 0.12 min
 Lab File: BF118359.D
 Acq: 28 Dec 2019 12:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
79	100		
52	54.4	46.4	69.6
51	29.2	24.9	37.3

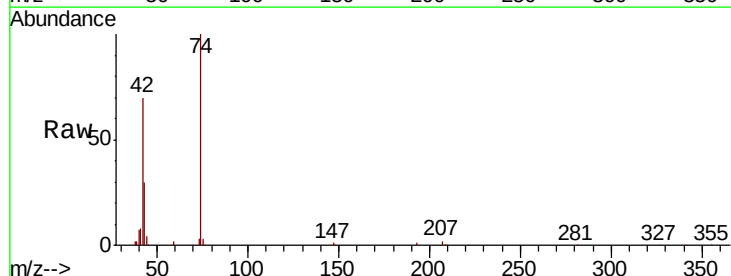


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

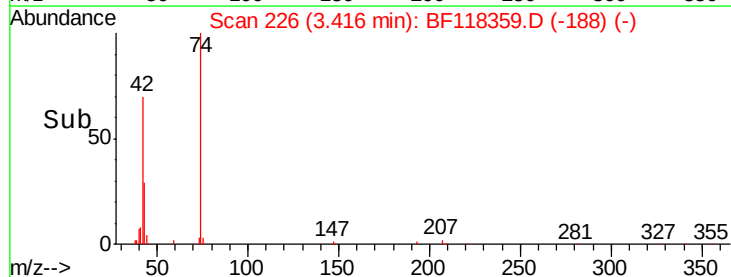
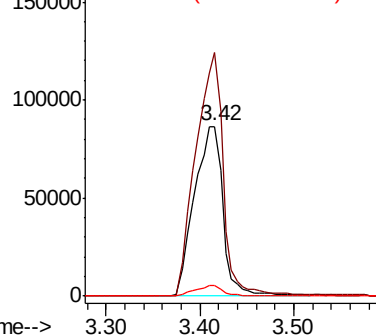


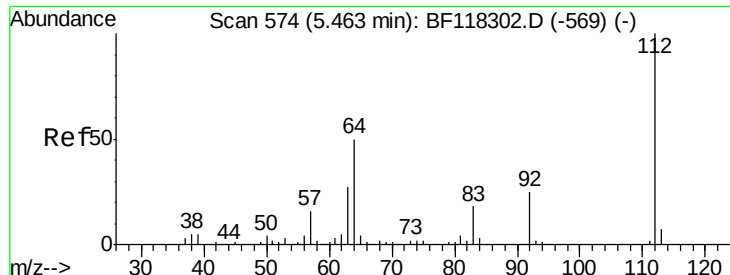
#4
 n-Nitrosodimethylamine
 Concen: 41.253 ng
 RT: 3.42 min Scan# 226
 Delta R.T. 0.12 min
 Lab File: BF118359.D
 Acq: 28 Dec 2019 12:17

Tgt Ion	Ratio	Lower	Upper
42	100		
74	143.4	107.7	161.5
44	6.0	4.8	7.2



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: 82.835 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.02 min

Lab File: BF118359.D

Acq: 28 Dec 2019 12:17

Instrument :

BNA_F

ClientSampled :

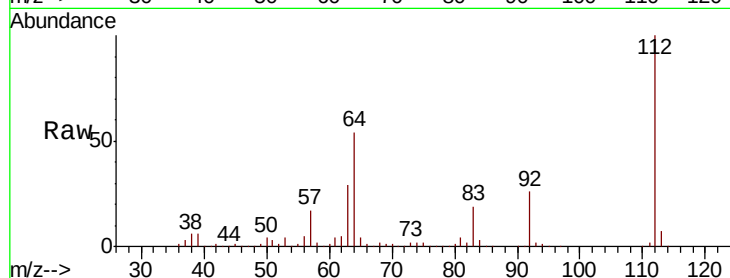
Tot Ion: 112 Resp: 841513

Ion Ratio Lower Upper

112 100

64 54.3 39.7 59.5

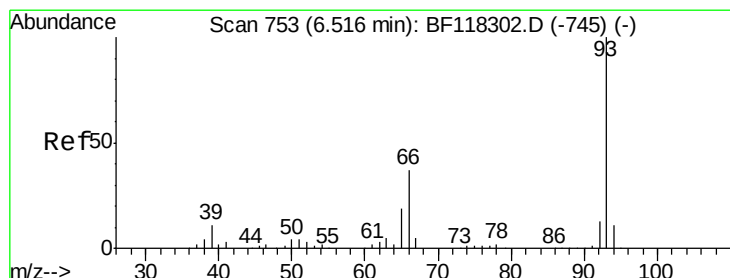
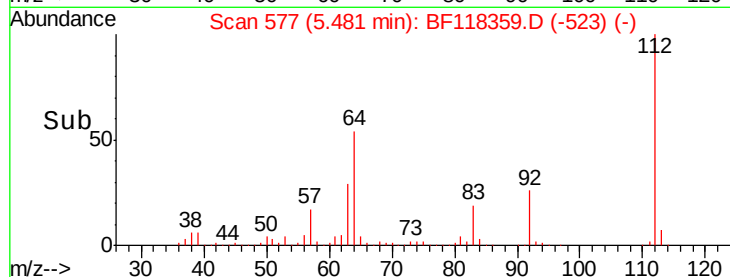
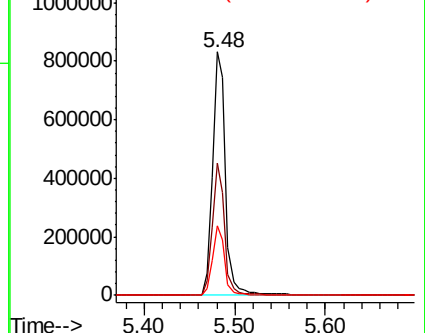
63 28.8 21.7 32.5



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: 32.244 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF118359.D

Acq: 28 Dec 2019 12:17

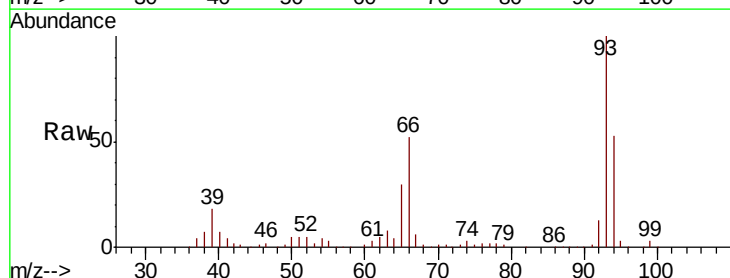
Tgt Ion: 93 Resp: 515995

Ion Ratio Lower Upper

93 100

66 52.2 30.2 45.4#

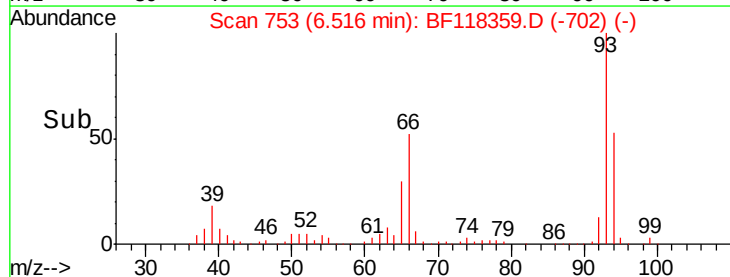
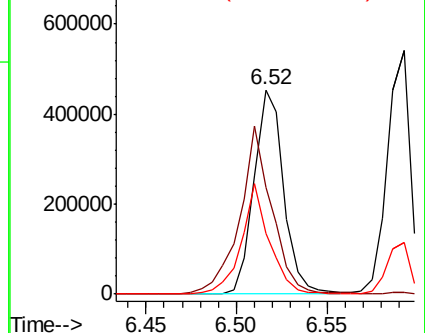
65 29.5 15.7 23.5#

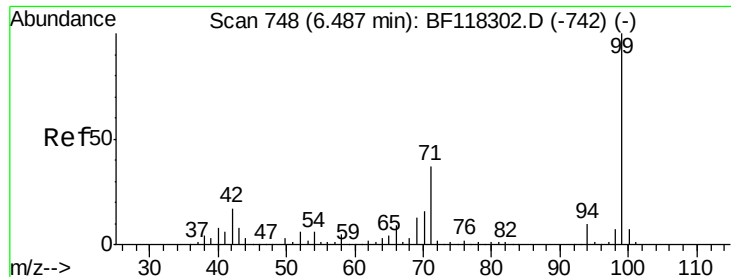


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.220 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF118359.D

Acq: 28 Dec 2019 12:17

Instrument :

BNA_F

ClientSampled :

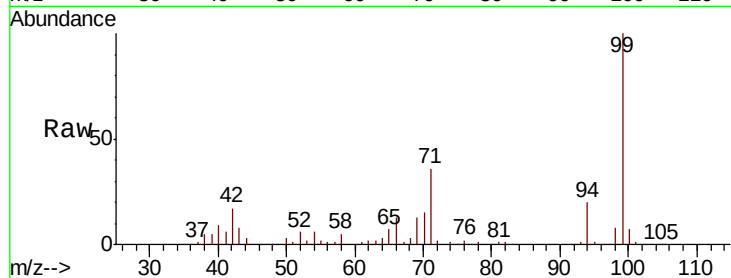
Tot Ion: 99 Resp: 1023574

Ion Ratio Lower Upper

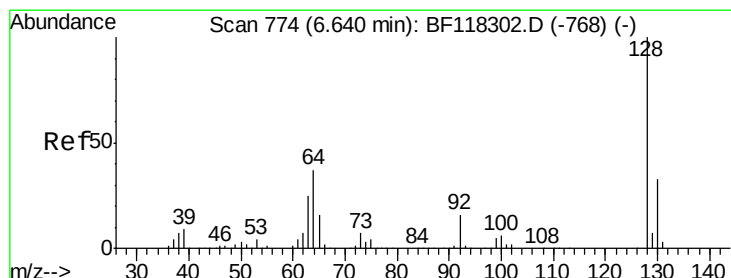
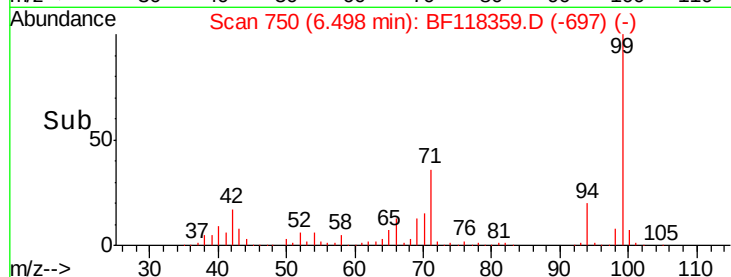
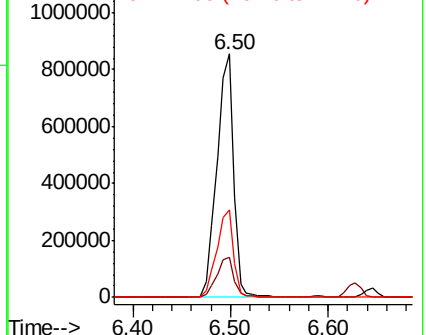
99 100

42 16.5 13.5 20.3

71 35.9 29.4 44.2



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: 47.682 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF118359.D

Acq: 28 Dec 2019 12:17

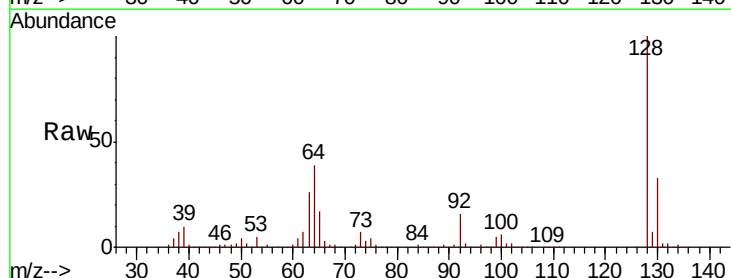
Tgt Ion: 128 Resp: 548610

Ion Ratio Lower Upper

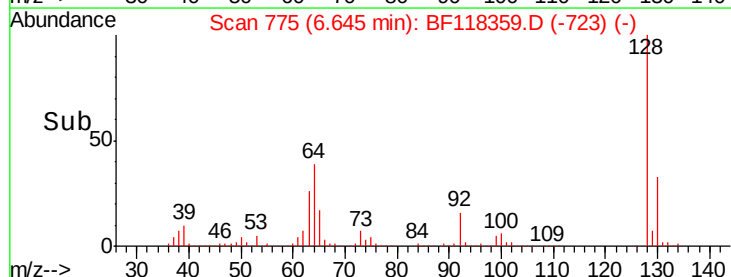
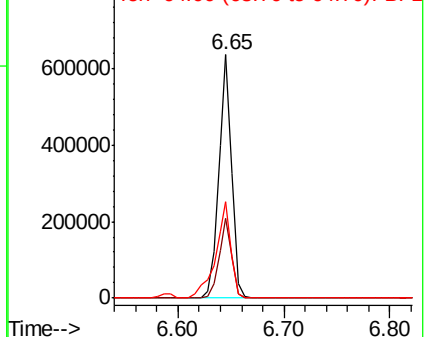
128 100

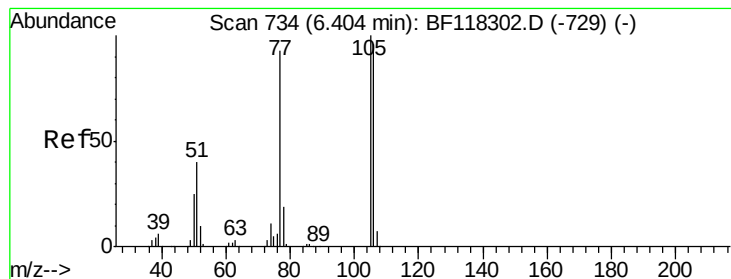
130 33.0 13.2 53.2

64 39.5 17.7 57.7



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: 30.936 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF118359.D

Acq: 28 Dec 2019 12:17

Instrument :

BNA_F

ClientSampleId :

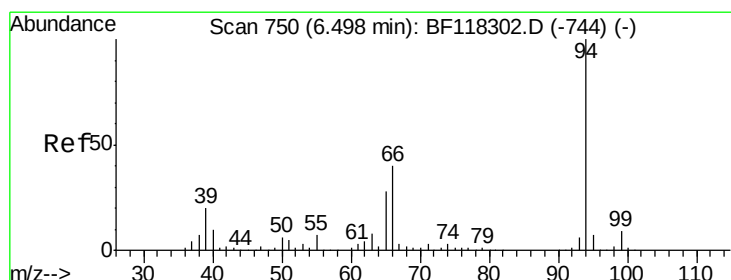
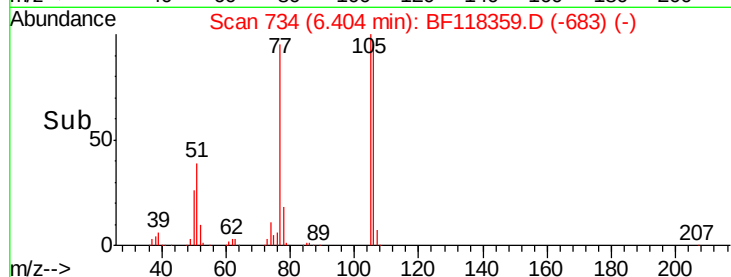
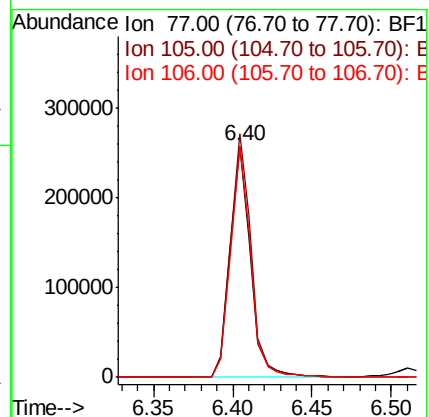
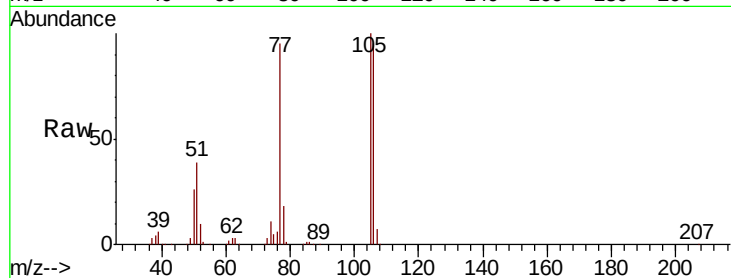
Tot Ion: 77 Resp: 228574

Ion Ratio Lower Upper

77 100

105 105.4 87.5 127.5

106 100.0 83.6 123.6



#10

Phenol

Concen: 45.382 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF118359.D

Acq: 28 Dec 2019 12:17

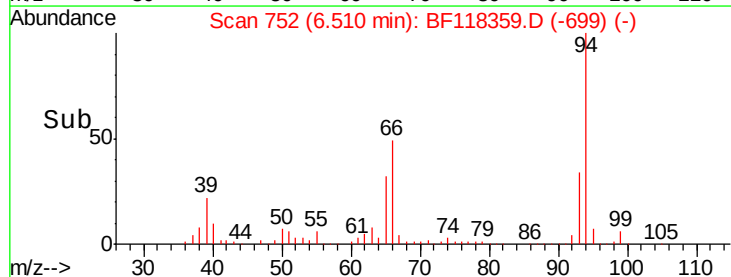
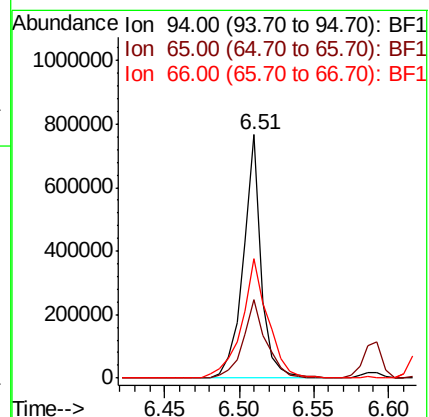
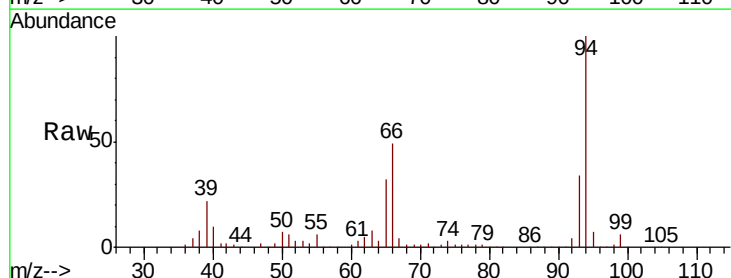
Tgt Ion: 94 Resp: 642819

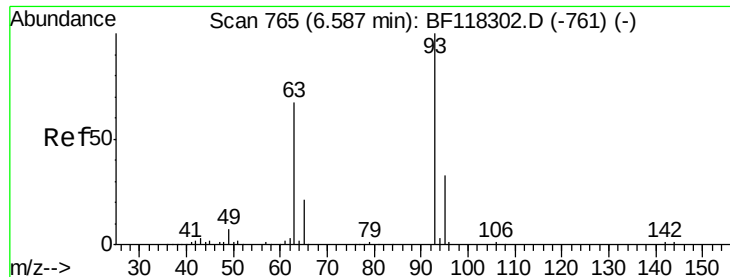
Ion Ratio Lower Upper

94 100

65 32.0 7.8 47.8

66 48.9 20.4 60.4

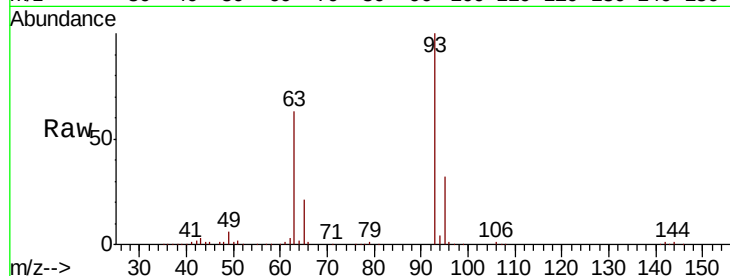




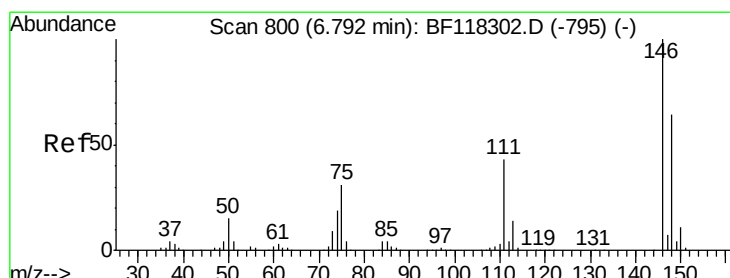
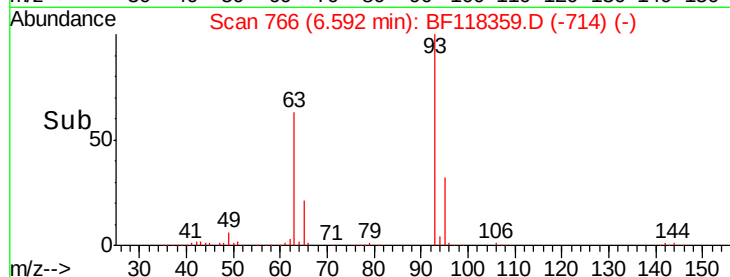
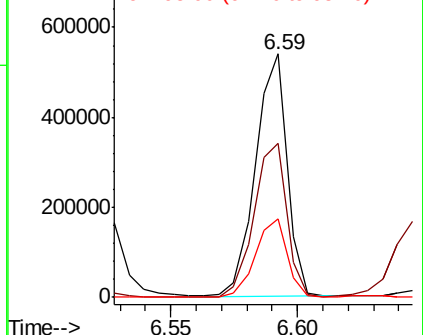
#11
bis(2-Chloroethyl)ether
Concen: 46.592 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	63.1	47.0	87.0
95	32.0	12.8	52.8

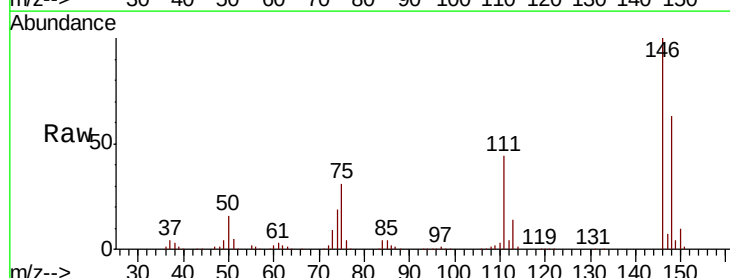


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

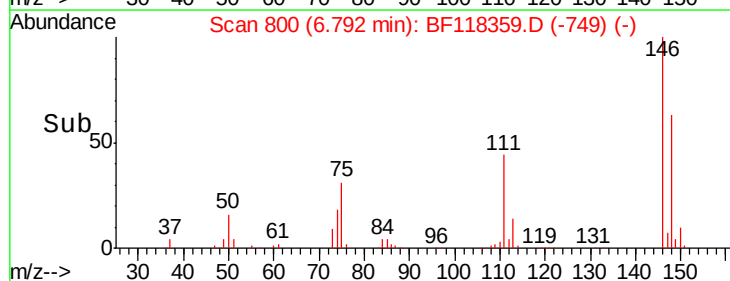
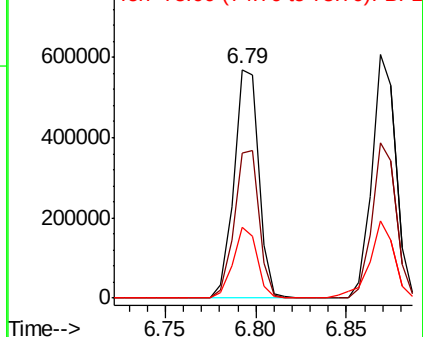


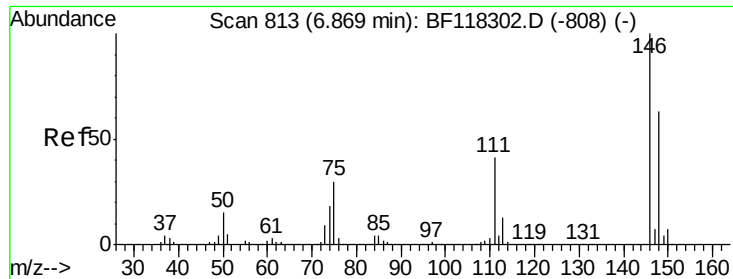
#12
1,3-Dichlorobenzene
Concen: 40.995 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.4	77.0
75	31.2	24.4	36.6



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

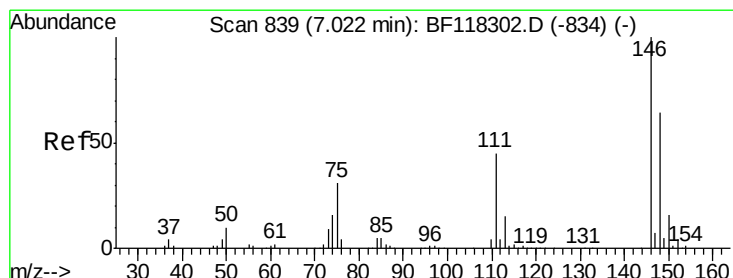
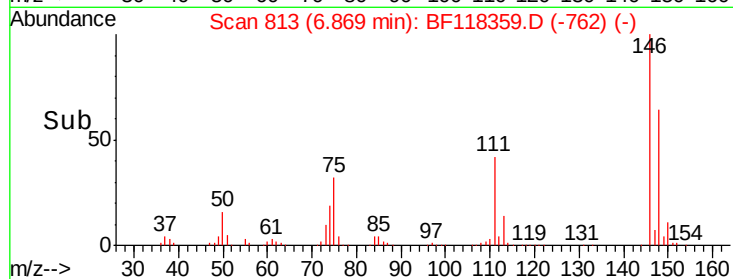
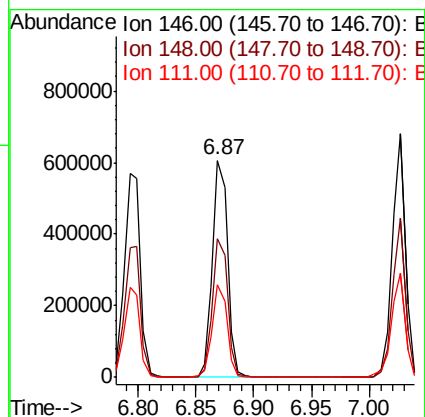
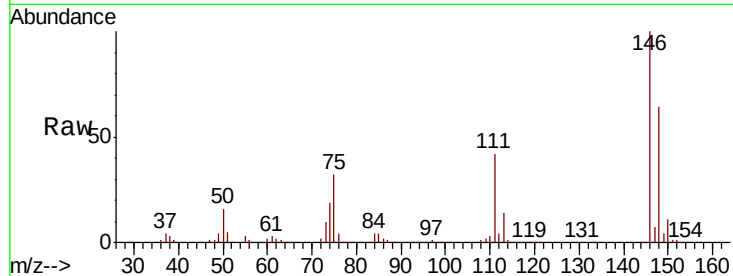




#13
 1,4-Dichlorobenzene
 Concen: 41.584 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF118359.D
 Acq: 28 Dec 2019 12:17

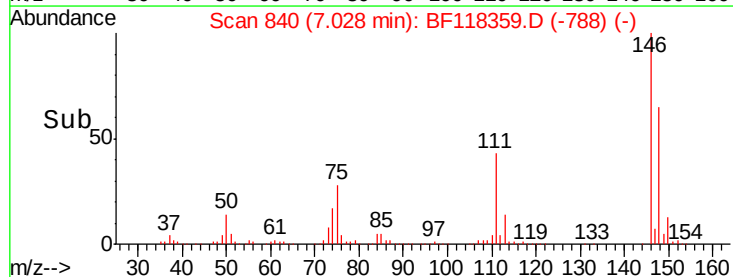
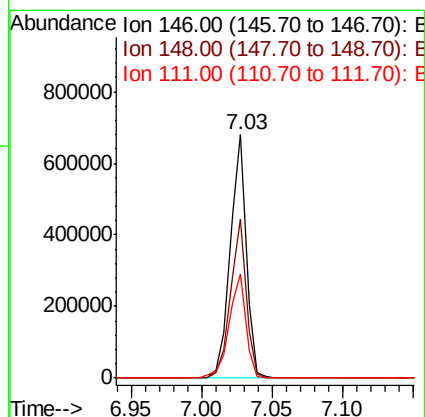
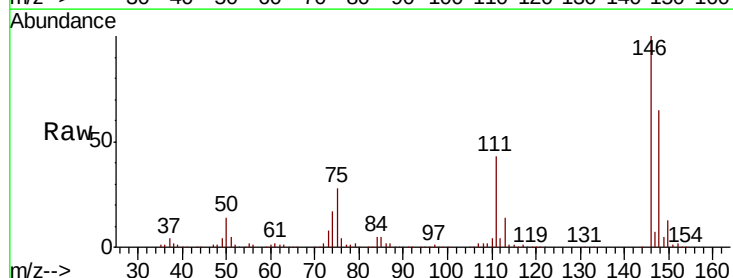
Instrument :
 BNA_F
 ClientSampleId :

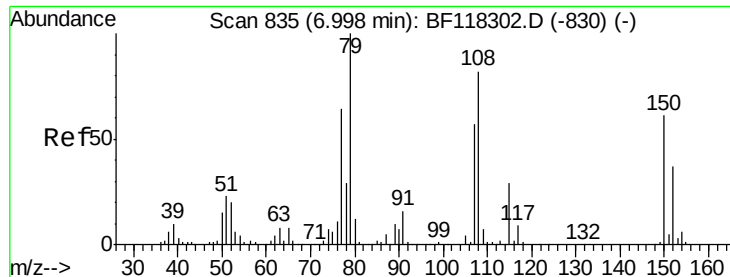
Tot Ion:146 Resp: 559695
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.3 75.5
 111 42.5 32.8 49.2



#14
 1,2-Dichlorobenzene
 Concen: 42.241 ng
 RT: 7.03 min Scan# 840
 Delta R.T. 0.01 min
 Lab File: BF118359.D
 Acq: 28 Dec 2019 12:17

Tgt Ion:146 Resp: 536761
 Ion Ratio Lower Upper
 146 100
 148 65.4 51.3 76.9
 111 42.8 35.7 53.5

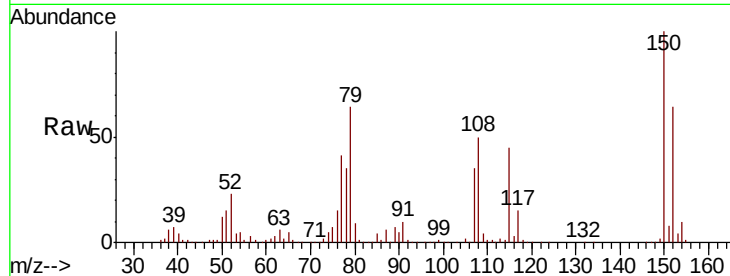




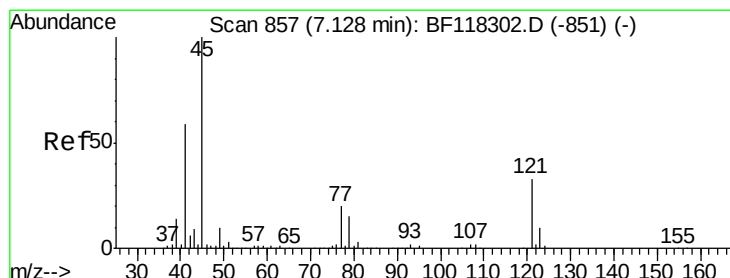
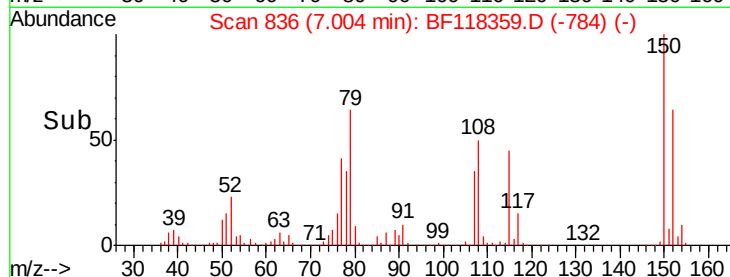
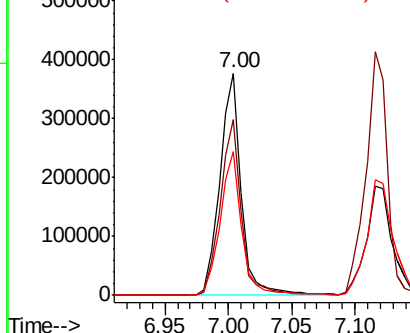
#15
Benzyl Alcohol
Concen: 46.246 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 443745
Ion Ratio Lower Upper
79 100
108 79.0 65.4 98.0
77 64.7 51.4 77.0

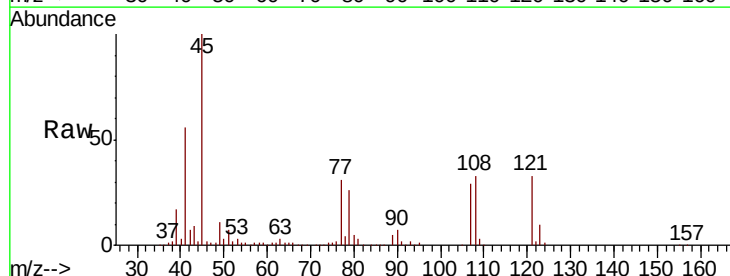


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

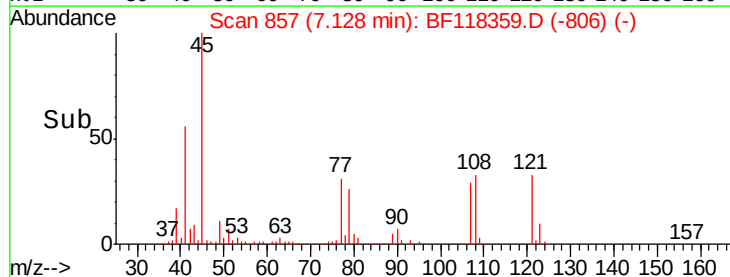
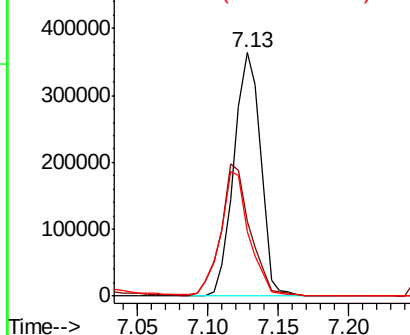


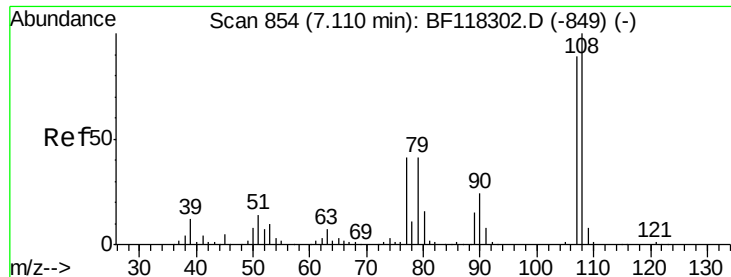
#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.364 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Tgt Ion: 45 Resp: 479557
Ion Ratio Lower Upper
45 100
77 30.5 1.2 41.2
79 26.3 0.0 37.0



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

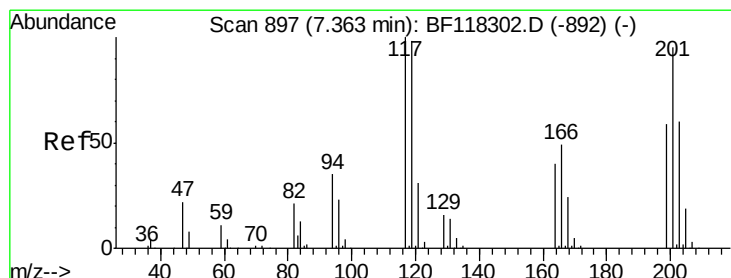
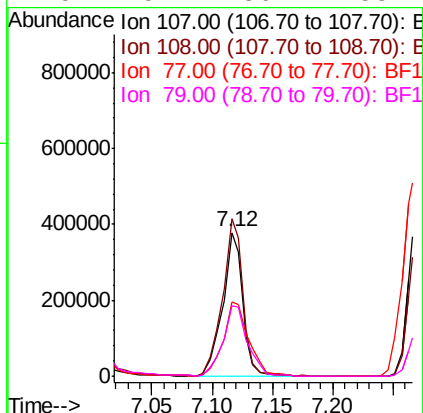
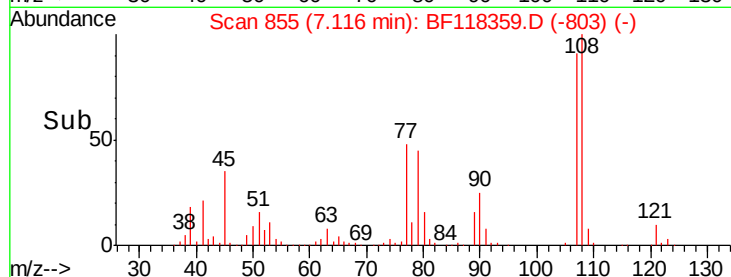
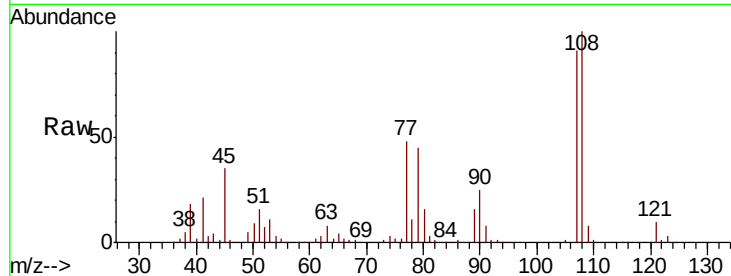




#17
2-Methylphenol
Concen: 47.046 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

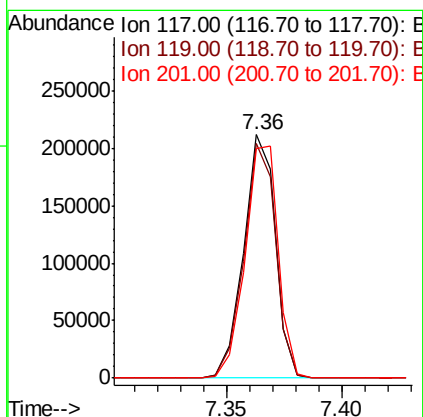
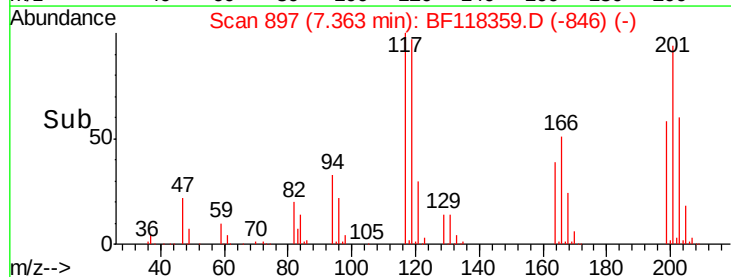
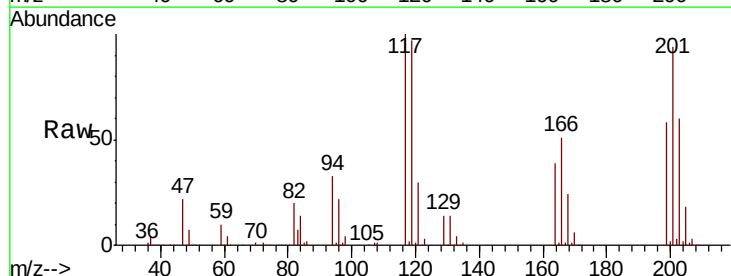
Instrument :
BNA_F
ClientSampleId :

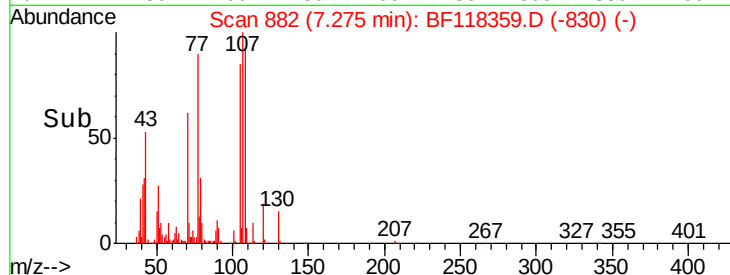
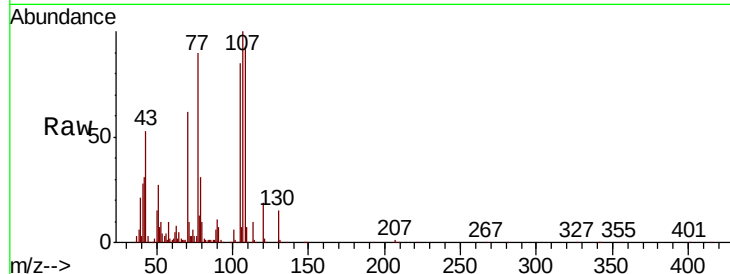
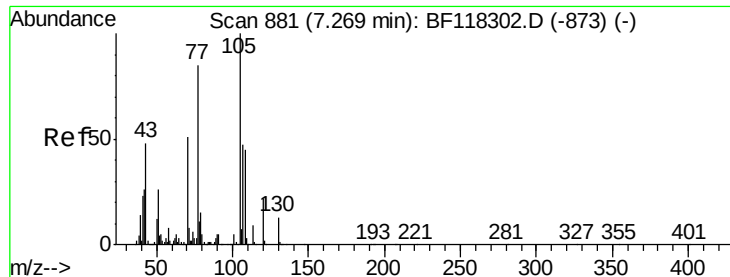
Tot Ion:107 Resp: 434150
Ion Ratio Lower Upper
107 100
108 109.4 89.7 134.5
77 52.0 37.2 55.8
79 49.1 36.7 55.1



#18
Hexachloroethane
Concen: 41.354 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Tgt Ion:117 Resp: 204277
Ion Ratio Lower Upper
117 100
119 96.6 78.0 117.0
201 94.0 76.2 114.2

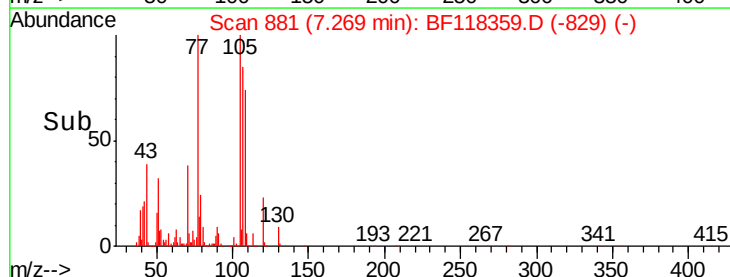
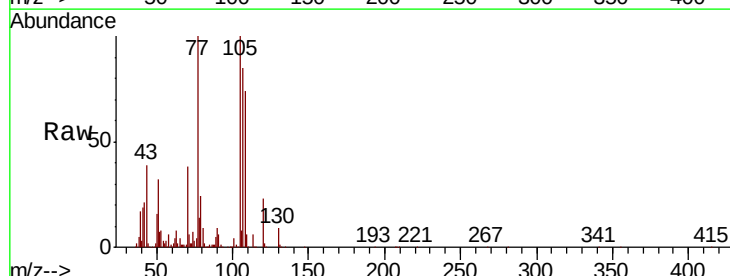
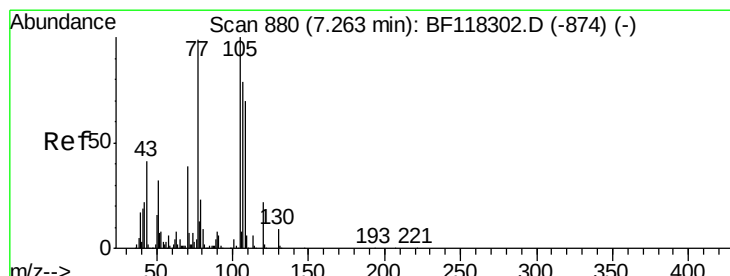
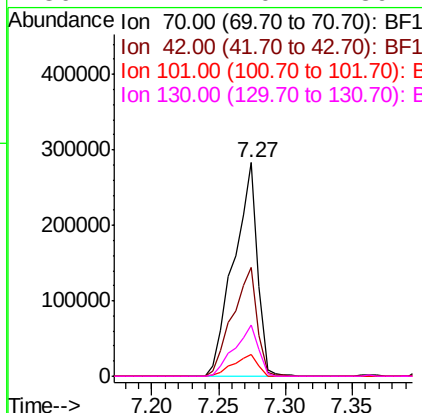




#19
n-Nitroso-di-n-propylamine
Concen: 45.529 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

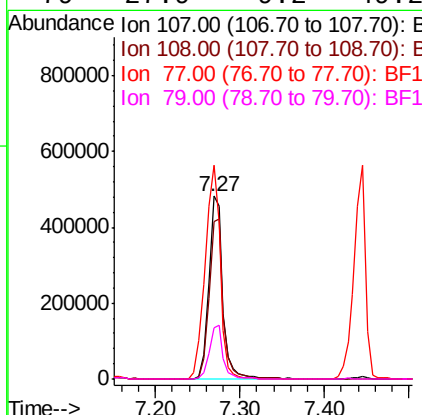
Instrument :
BNA_F
ClientSampleId :

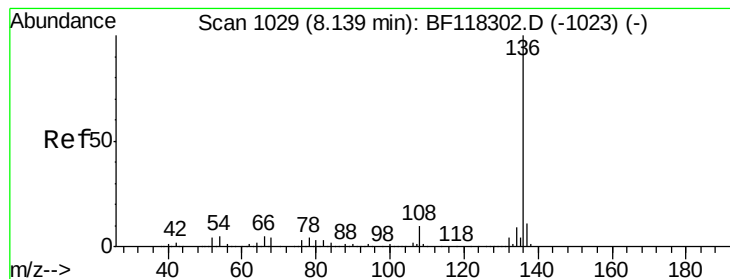
Tot Ion:	70	Resp:	353468
Ion	Ratio	Lower	Upper
70	100		
42	50.8	41.1	61.7
101	10.4	8.3	12.5
130	24.1	20.1	30.1



#20
3+4-Methylphenols
Concen: 46.740 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Tgt Ion:	107	Resp:	552036
Ion	Ratio	Lower	Upper
107	100		
108	86.1	69.3	109.3
77	117.0	105.9	145.9
79	27.9	9.2	49.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. 0.01 min

Lab File: BF118359.D

Acq: 28 Dec 2019 12:17

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 770424

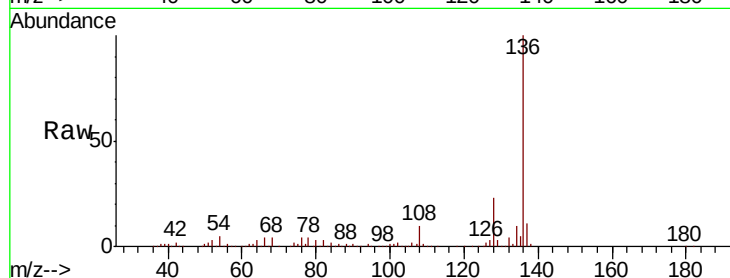
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 4.9 4.2 6.4

68 4.3 3.5 5.3

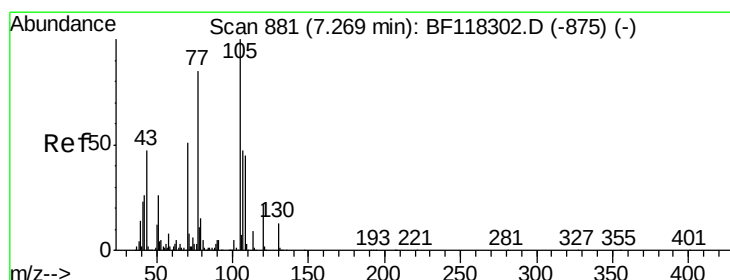
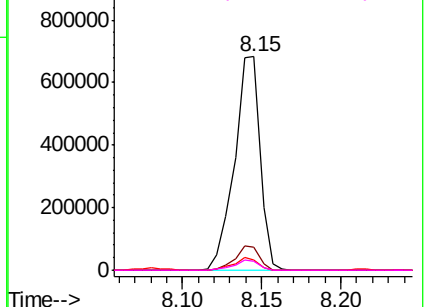
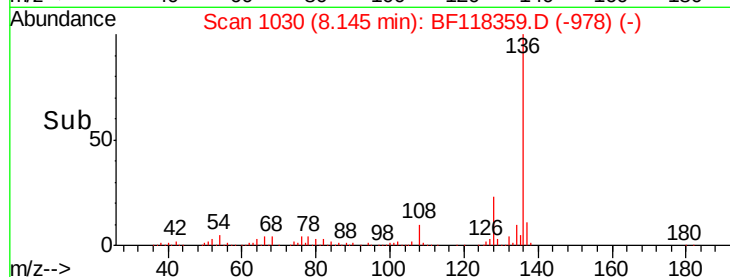


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.568 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.00 min

Lab File: BF118359.D

Acq: 28 Dec 2019 12:17

Tgt Ion:105 Resp: 728248

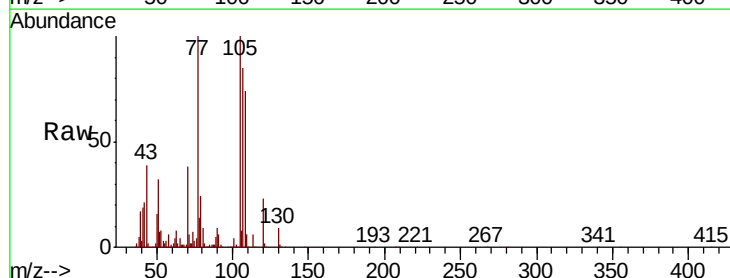
Ion Ratio Lower Upper

105 100

71 6.4 6.6 9.8#

51 31.6 20.6 30.8#

120 22.8 18.0 27.0

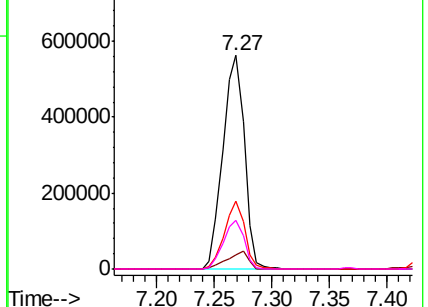
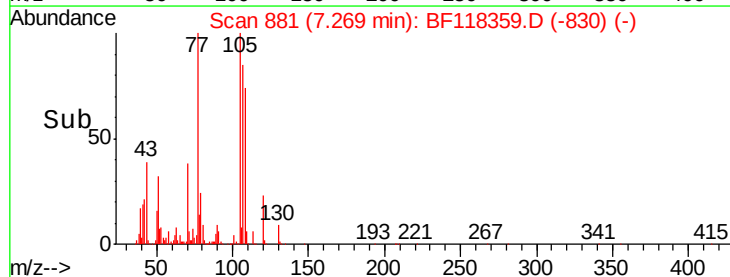


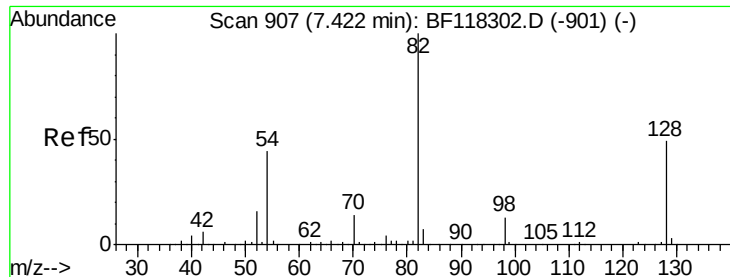
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

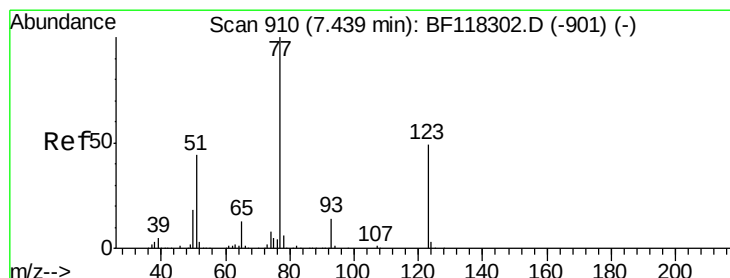
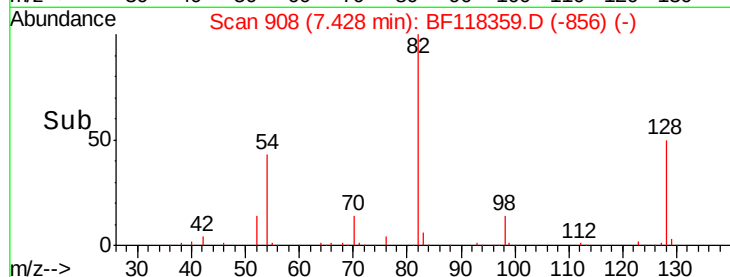
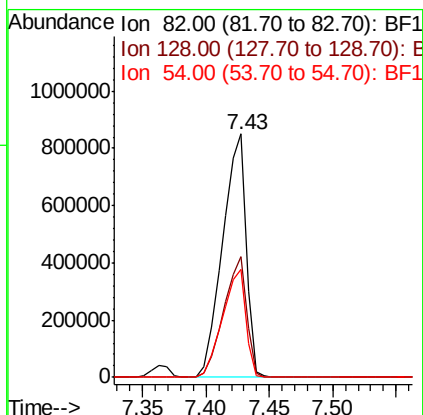
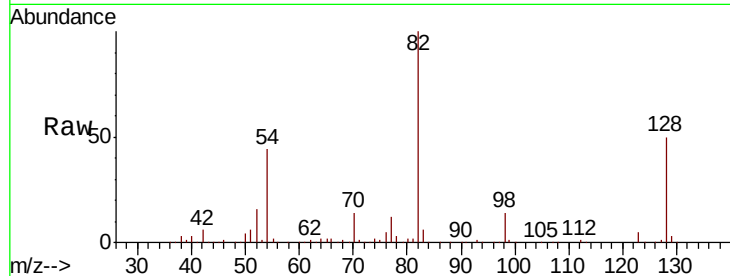




#23
 Nitrobenzene-d5
 Concen: 81.436 ng
 RT: 7.43 min Scan# 908
 Delta R.T. 0.01 min
 Lab File: BF118359.D
 Acq: 28 Dec 2019 12:17

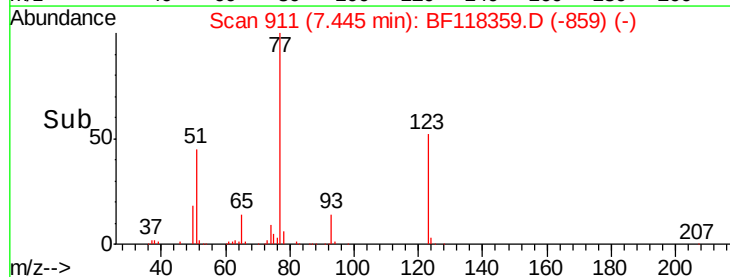
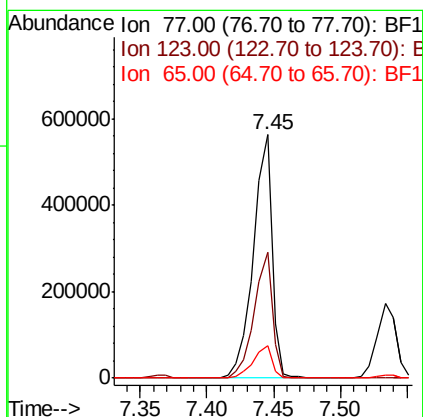
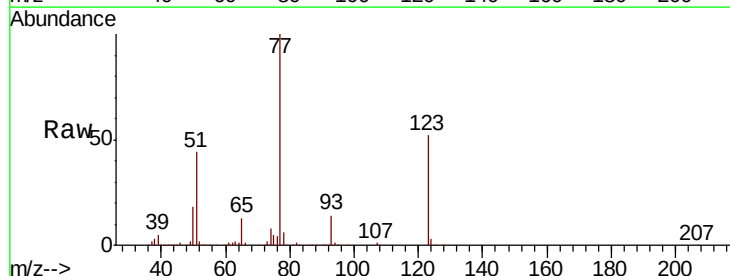
Instrument :
 BNA_F
 ClientSampleId :

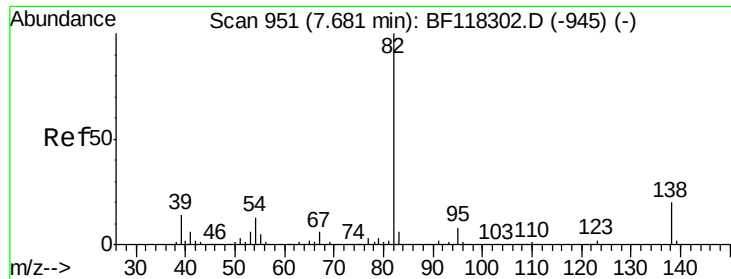
Tot Ion: 82 Resp: 1096960
 Ion Ratio Lower Upper
 82 100
 128 49.6 39.6 59.4
 54 44.4 34.9 52.3



#24
 Nitrobenzene
 Concen: 39.763 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.01 min
 Lab File: BF118359.D
 Acq: 28 Dec 2019 12:17

Tgt Ion: 77 Resp: 536543
 Ion Ratio Lower Upper
 77 100
 123 51.9 39.1 58.7
 65 13.4 10.6 16.0

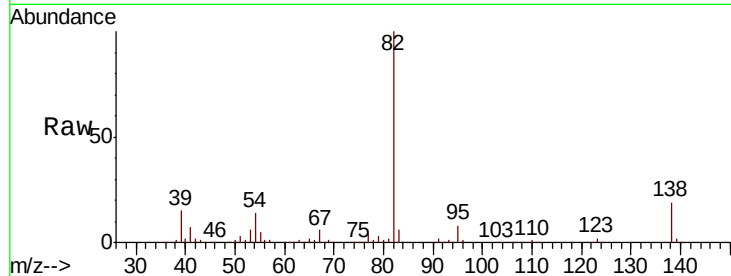




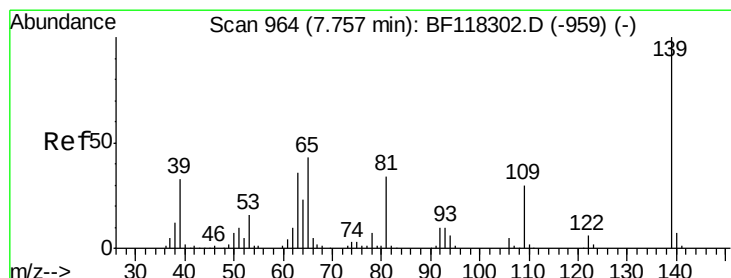
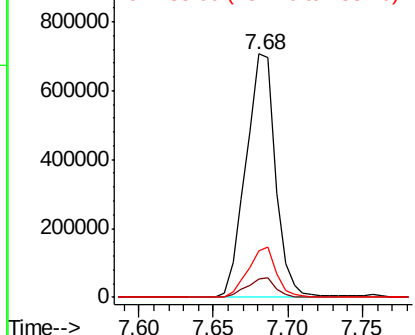
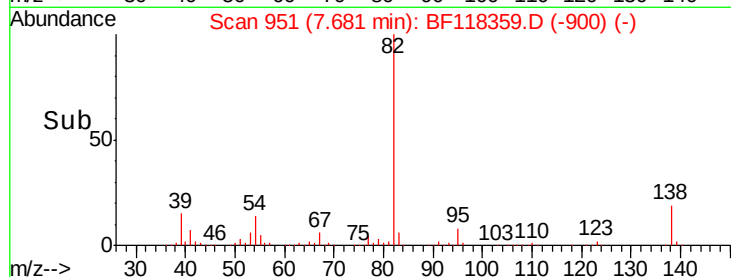
#25
Isophorone
Concen: 41.370 ng
RT: 7.68 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 971192
Ion Ratio Lower Upper
82 100
95 7.8 6.3 9.5
138 19.0 16.2 24.2

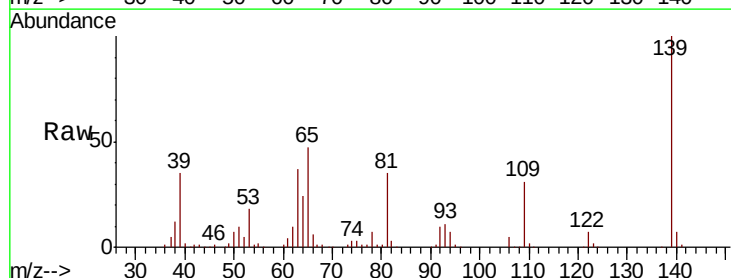


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

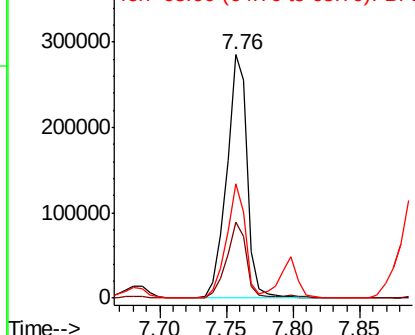
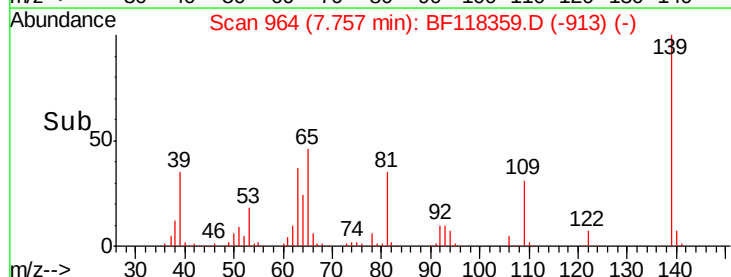


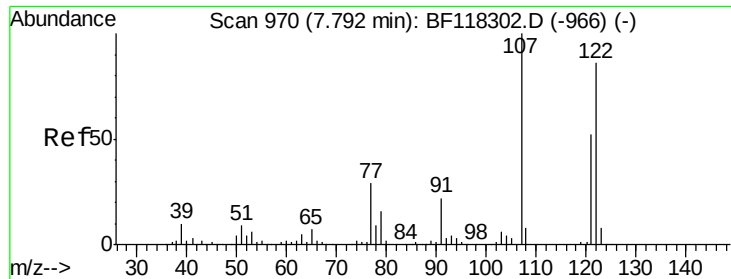
#26
2-Nitrophenol
Concen: 43.206 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.00 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Tgt Ion: 139 Resp: 308794
Ion Ratio Lower Upper
139 100
109 31.1 24.1 36.1
65 46.8 34.6 52.0



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

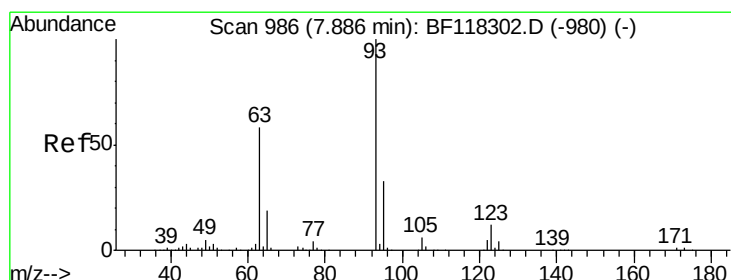
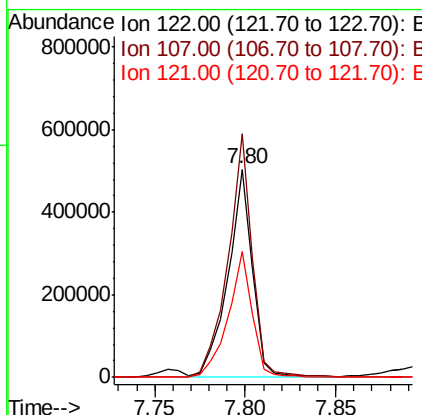
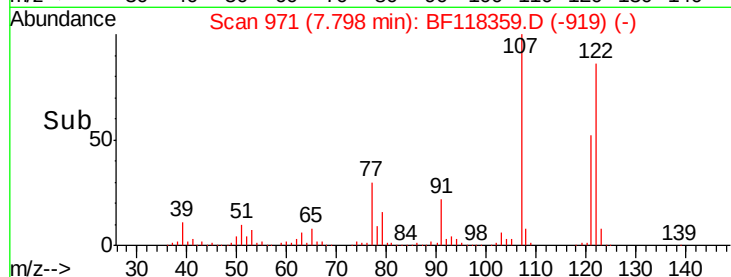
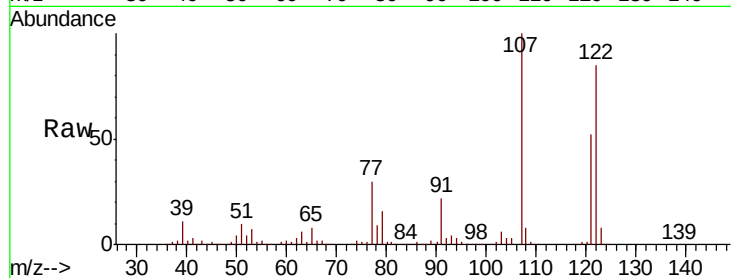




#27
 2,4-Dimethylphenol
 Concen: 48.754 ng
 RT: 7.80 min Scan# 971
 Delta R.T. 0.01 min
 Lab File: BF118359.D
 Acq: 28 Dec 2019 12:17

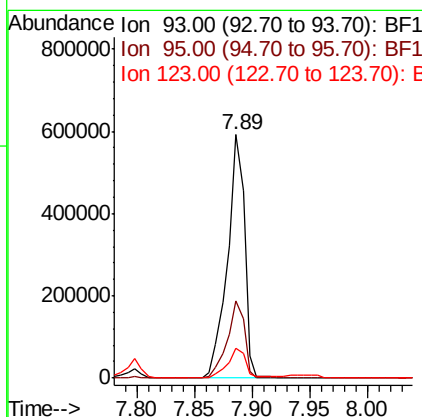
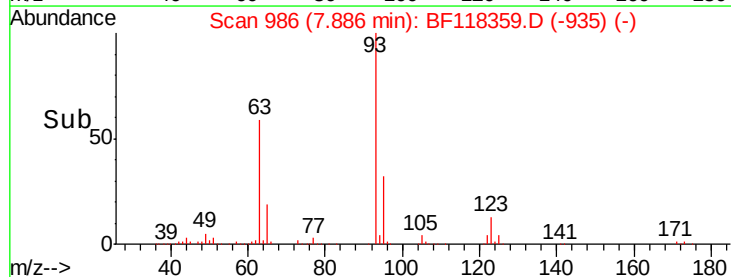
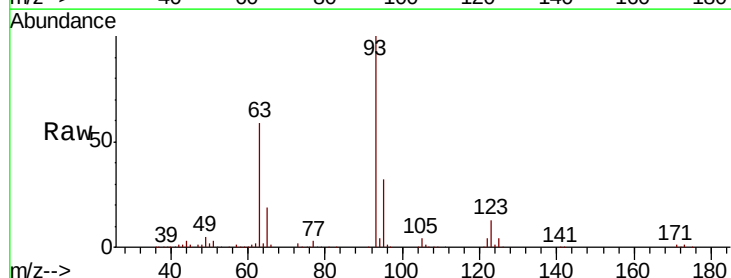
Instrument :
 BNA_F
 ClientSampleId :

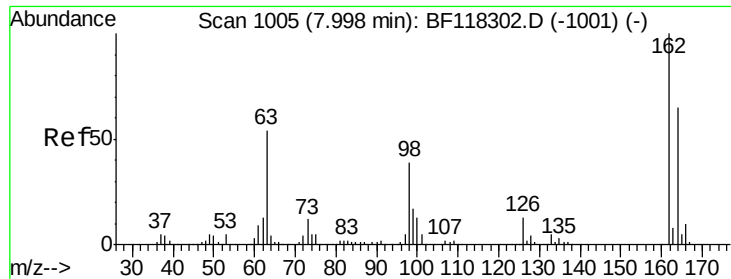
Tot Ion:122 Resp: 475420
 Ion Ratio Lower Upper
 122 100
 107 117.0 92.9 139.3
 121 60.3 47.9 71.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.699 ng
 RT: 7.89 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: BF118359.D
 Acq: 28 Dec 2019 12:17

Tgt Ion: 93 Resp: 609496
 Ion Ratio Lower Upper
 93 100
 95 31.9 26.2 39.4
 123 12.5 9.8 14.8

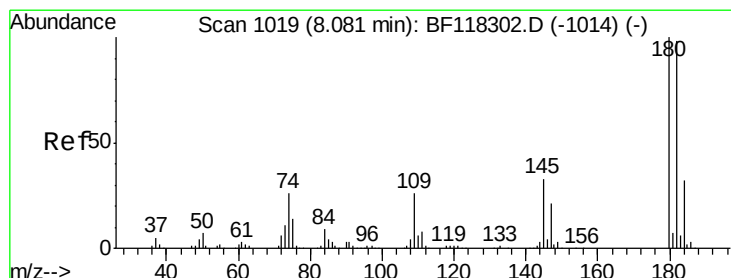
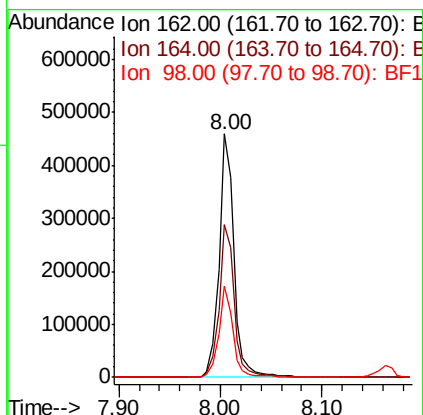
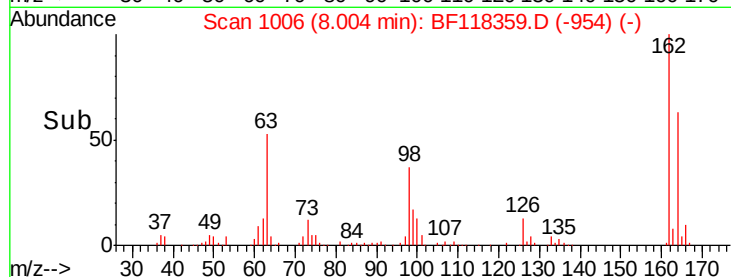
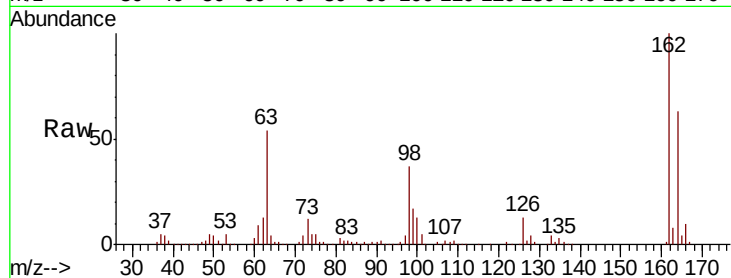




#29
2,4-Dichlorophenol
Concen: 41.593 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

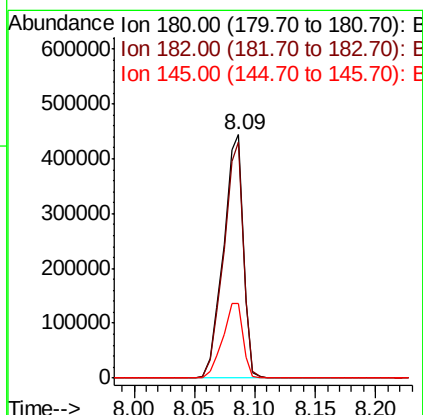
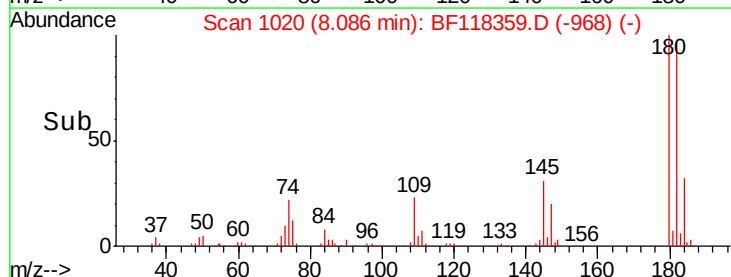
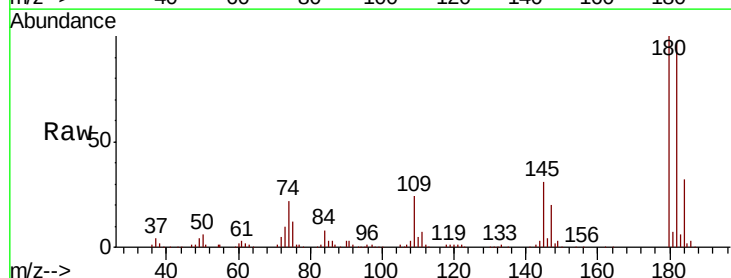
Instrument :
BNA_F
ClientSampled :

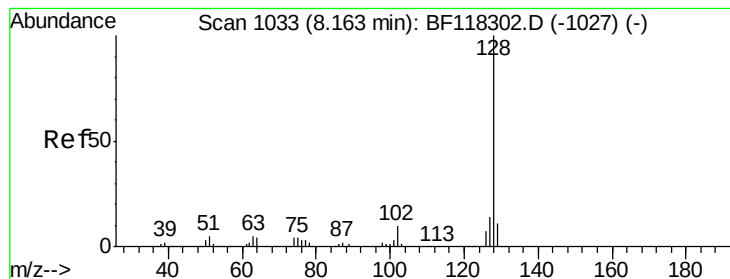
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	45.1	85.1
98	37.4	18.6	58.6



#30
1,2,4-Trichlorobenzene
Concen: 38.704 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	78.3	117.5
145	30.8	26.7	40.1





#31

Naphthalene

Concen: 40.773 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF118359.D

Acq: 28 Dec 2019 12:17

Instrument :

BNA_F

ClientSampleId :

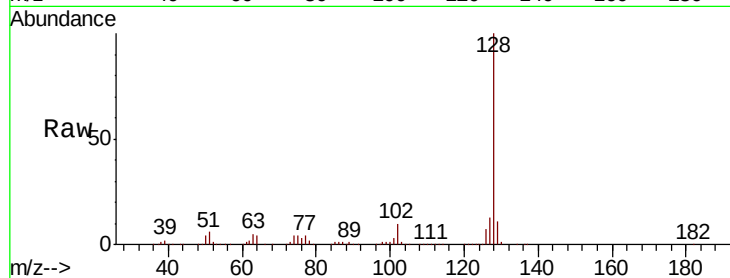
Tot Ion:128 Resp: 1596586

Ion Ratio Lower Upper

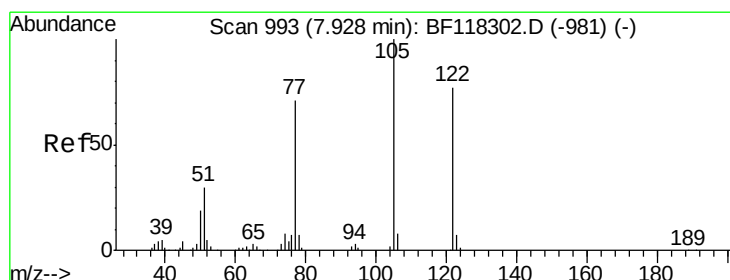
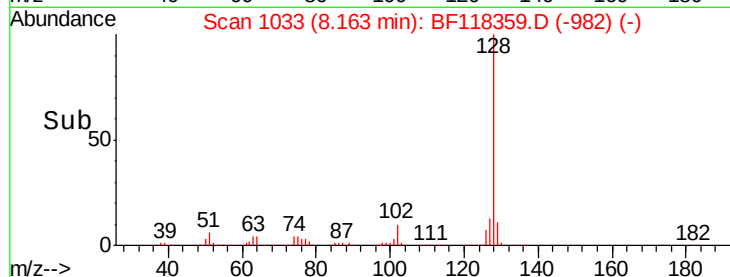
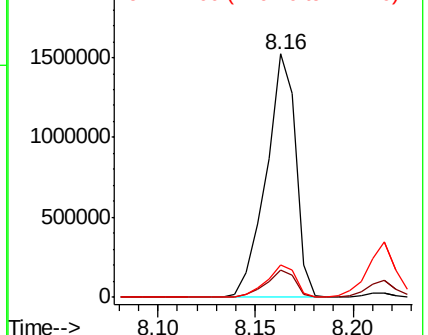
128 100

129 11.4 9.0 13.4

127 13.2 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.885 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.03 min

Lab File: BF118359.D

Acq: 28 Dec 2019 12:17

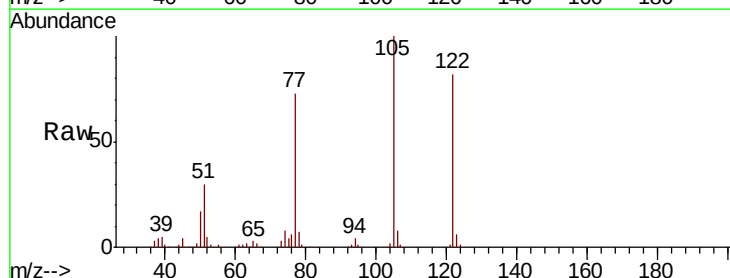
Tgt Ion:122 Resp: 300794

Ion Ratio Lower Upper

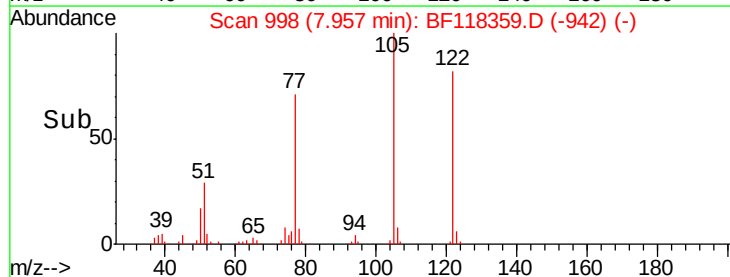
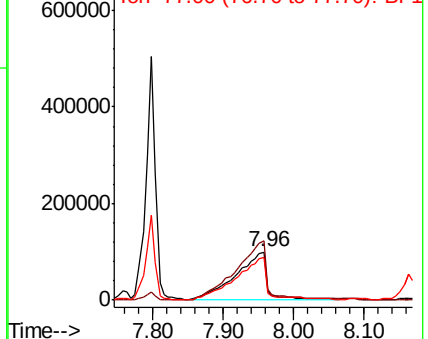
122 100

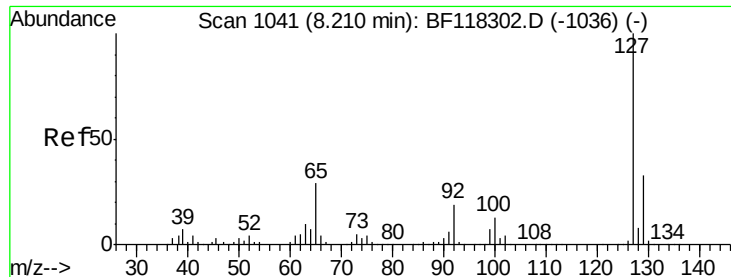
105 121.6 106.8 146.8

77 88.5 70.4 110.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

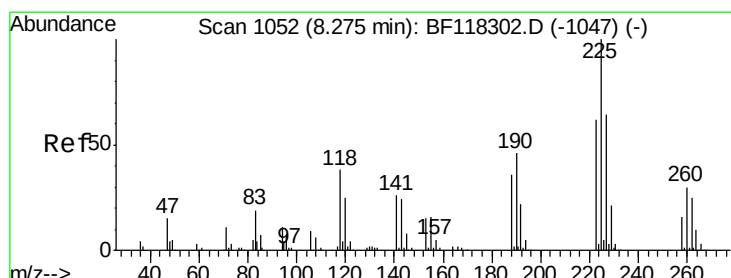
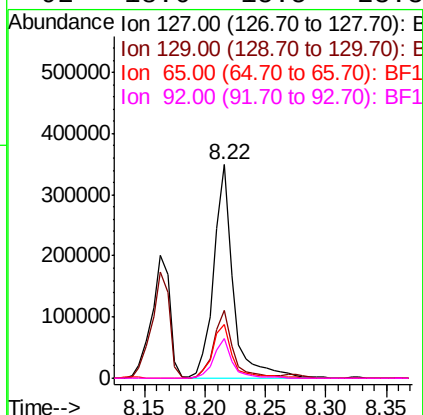
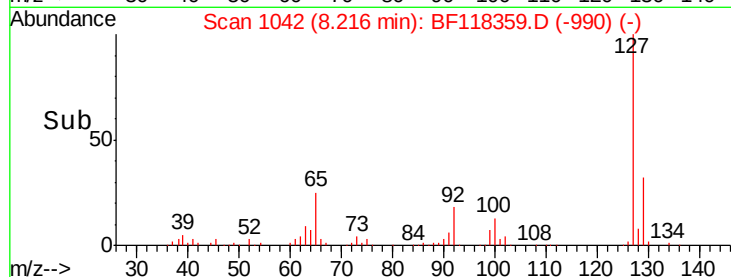
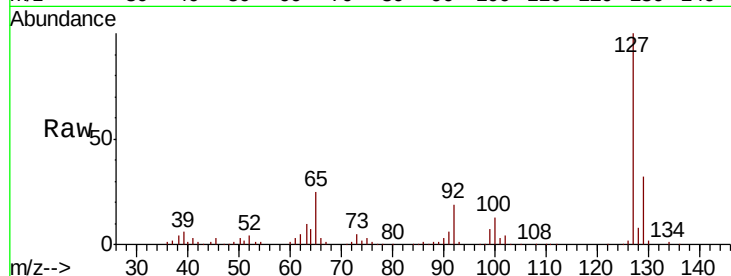




#33
4-Chloroaniline
Concen: 22.859 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

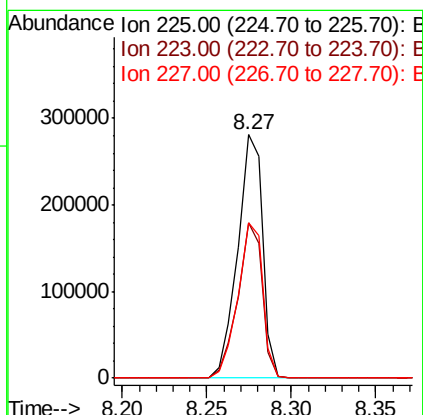
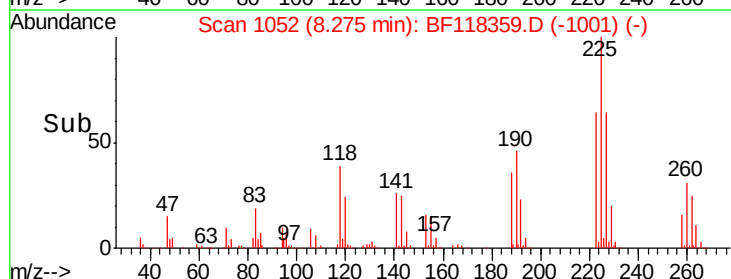
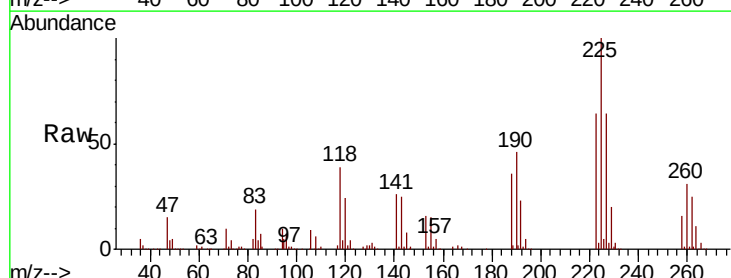
Instrument :
BNA_F
ClientSampled :

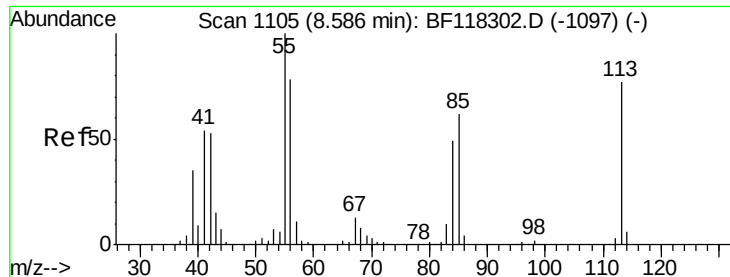
Tot Ion:127	Resp:	383725
Ion Ratio	Lower	Upper
127	100	
129	31.6	26.5 39.7
65	25.3	22.8 34.2
92	18.6	15.5 23.3



#34
Hexachlorobutadiene
Concen: 37.259 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Tgt Ion:225	Resp:	289977
Ion Ratio	Lower	Upper
225	100	
223	63.8	49.5 74.3
227	63.8	51.0 76.4

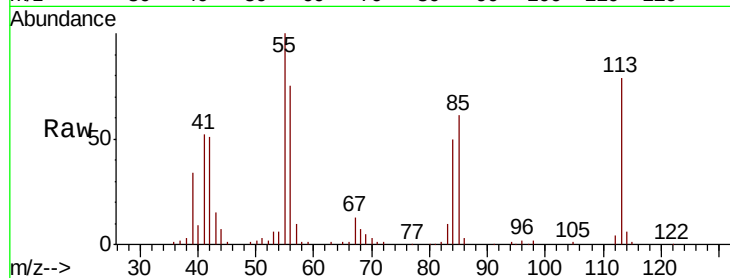




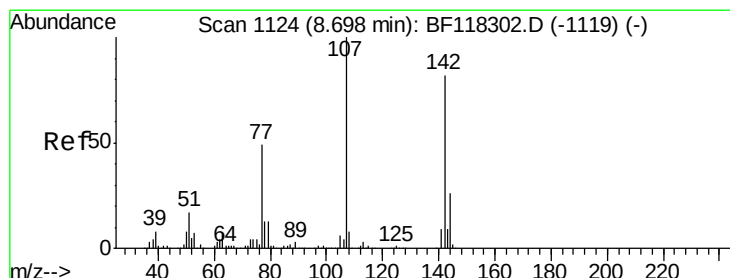
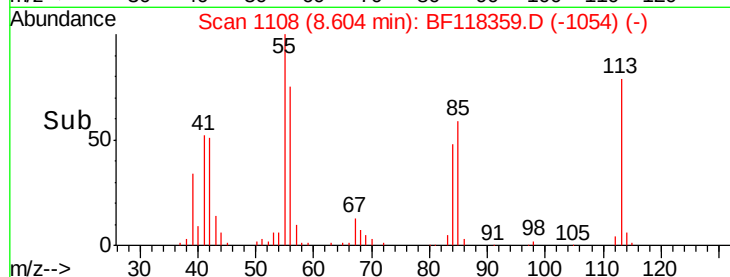
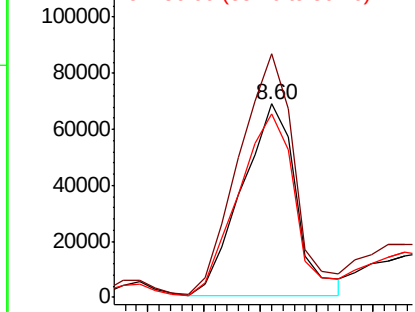
#35
Caprolactam
Concen: 26.218 ng
RT: 8.60 min Scan# 1108
Delta R.T. 0.02 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 91869
Ion Ratio Lower Upper
113 100
55 125.9 109.8 149.8
56 94.9 81.7 121.7

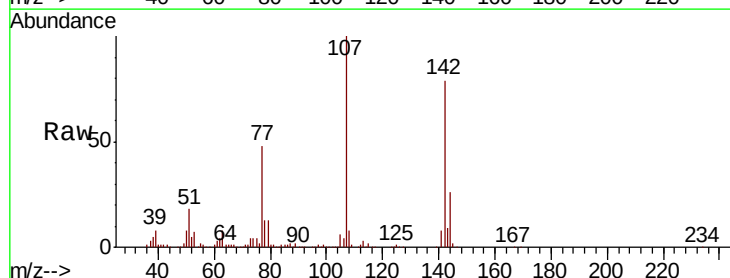


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

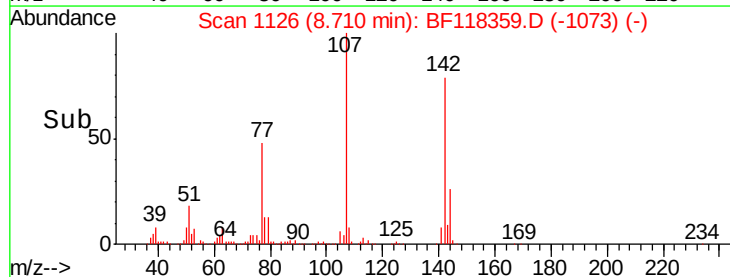
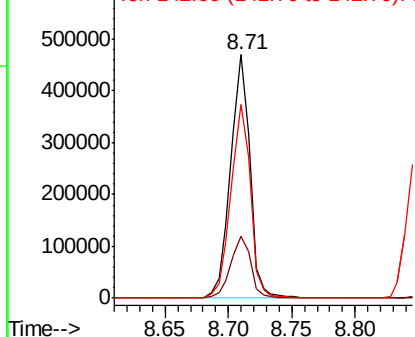


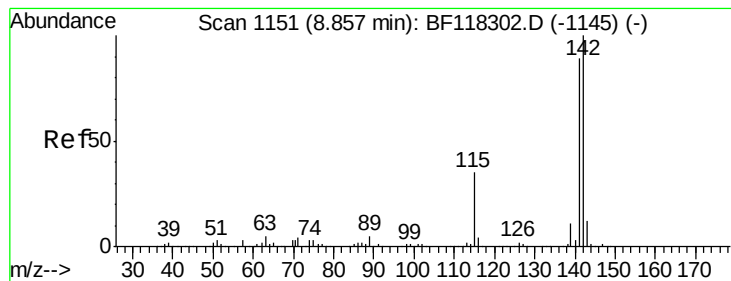
#36
4-Chloro-3-methylphenol
Concen: 40.993 ng
RT: 8.71 min Scan# 1126
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Tgt Ion:107 Resp: 493975
Ion Ratio Lower Upper
107 100
144 25.6 21.2 31.8
142 79.5 65.4 98.2



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

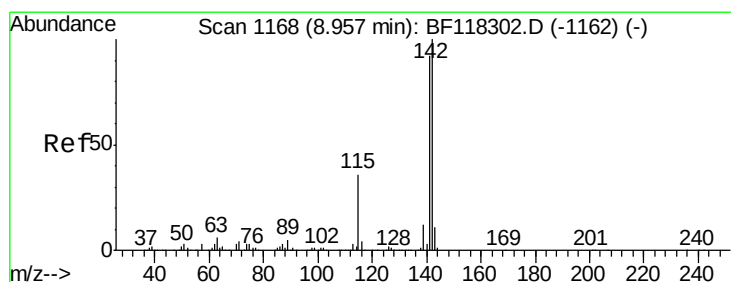
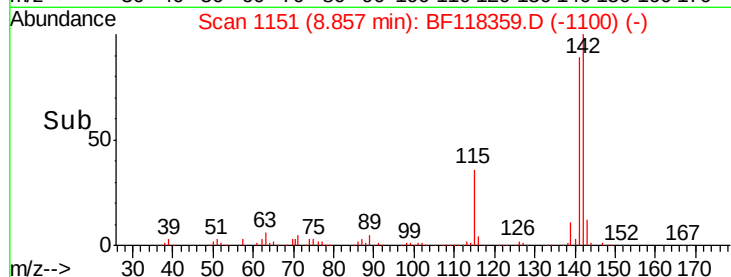
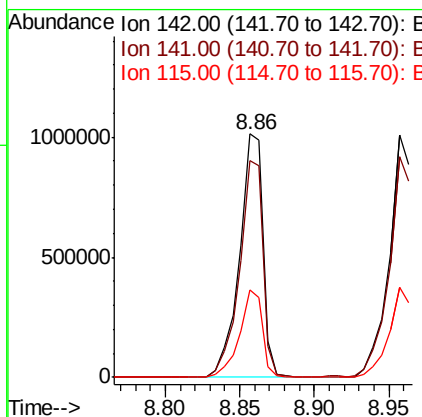
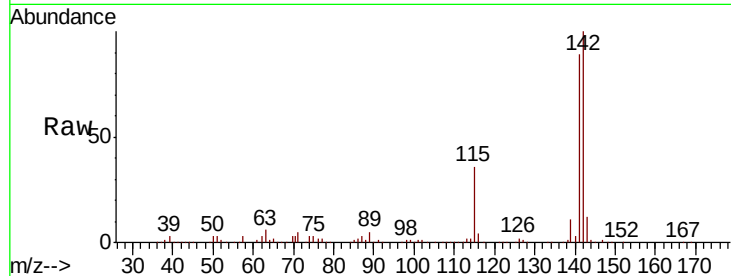




#37
2-Methylnaphthalene
Concen: 41.501 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

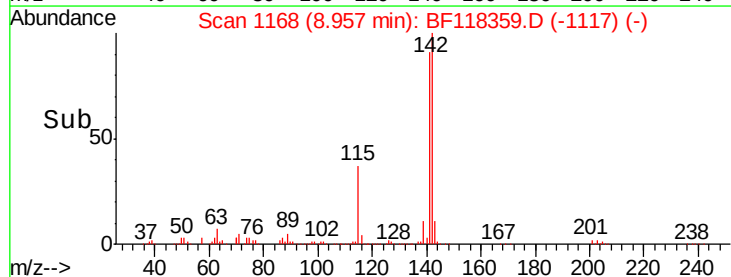
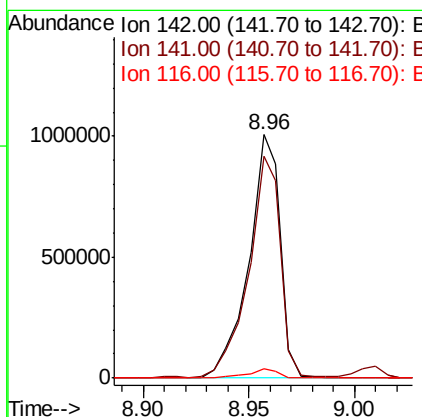
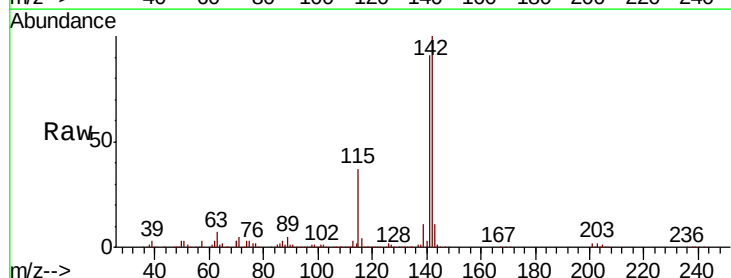
Instrument :
BNA_F
ClientSampleId :

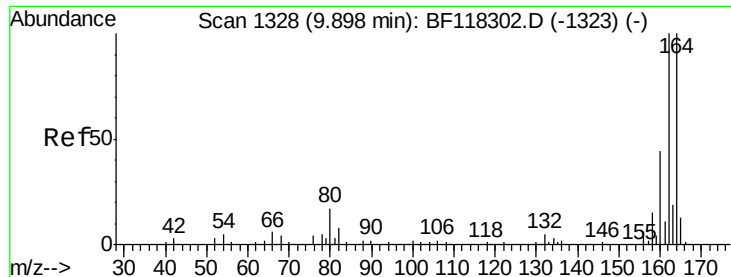
Tot Ion:142 Resp: 1112641
Ion Ratio Lower Upper
142 100
141 88.9 71.2 106.8
115 35.8 28.0 42.0



#38
1-Methylnaphthalene
Concen: 41.103 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Tgt Ion:142 Resp: 1038204
Ion Ratio Lower Upper
142 100
141 91.2 73.4 110.2
116 4.0 2.9 4.3

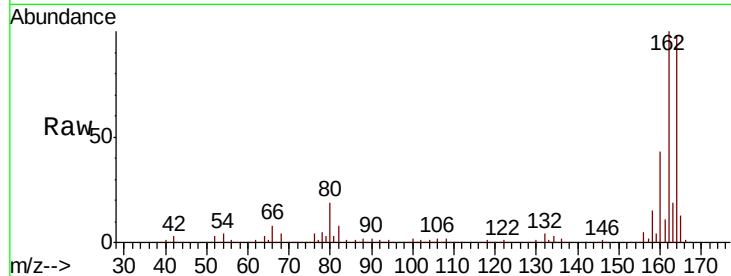




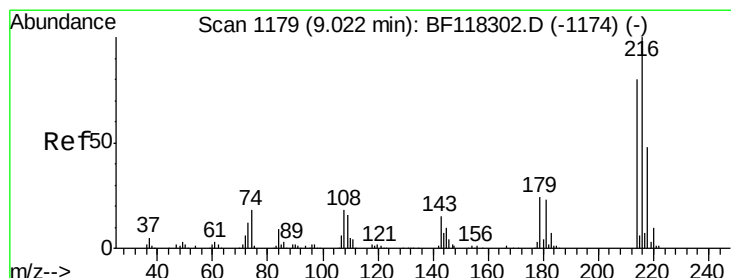
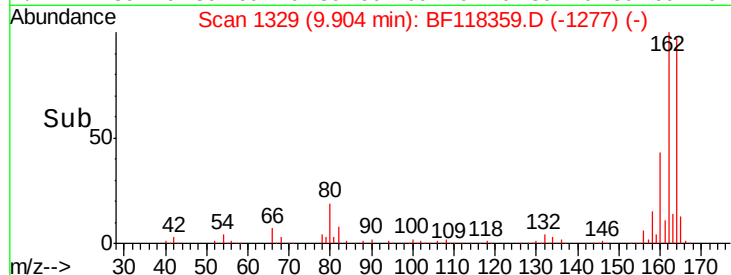
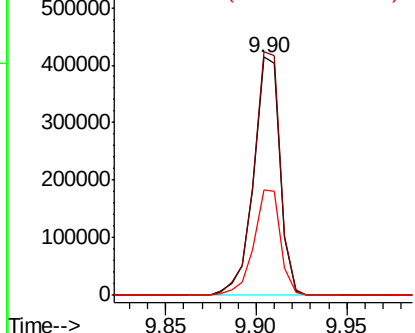
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 420077
Ion Ratio Lower Upper
164 100
162 102.2 80.0 120.0
160 44.2 34.8 52.2

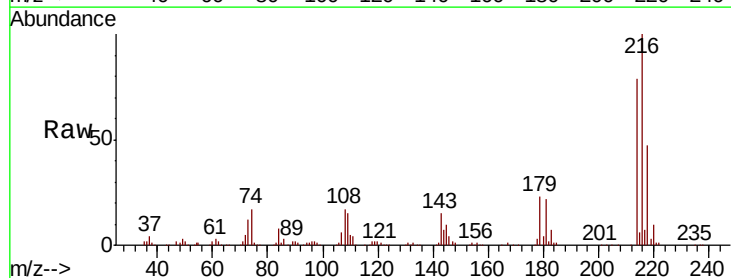


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

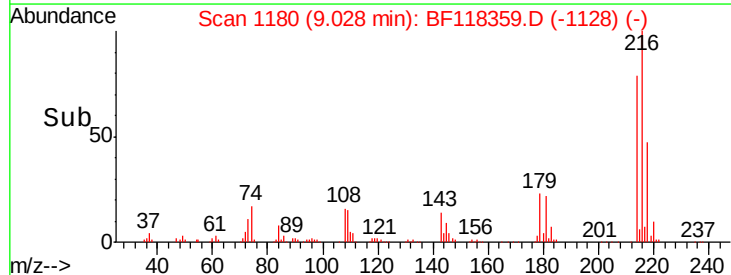
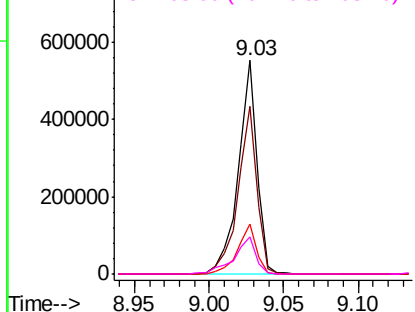


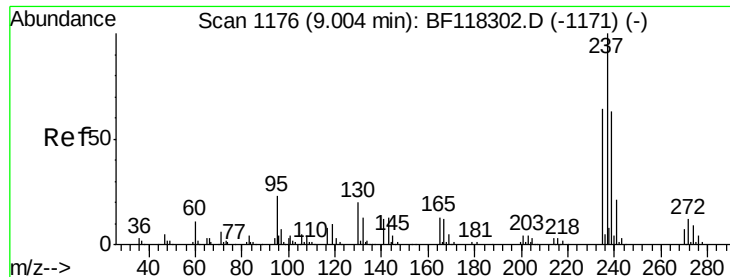
#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.299 ng
RT: 9.03 min Scan# 1180
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Tgt Ion:216 Resp: 483390
Ion Ratio Lower Upper
216 100
214 79.2 63.3 94.9
179 23.3 18.9 28.3
108 20.0 15.0 22.6



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 65.757 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.01 min

Lab File: BF118359.D

Acq: 28 Dec 2019 12:17

Instrument :

BNA_F

ClientSampled :

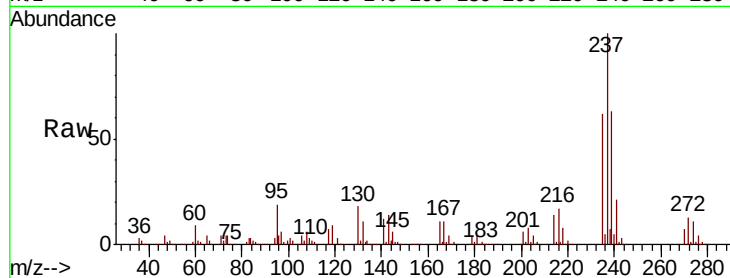
Tot Ion:237 Resp: 339857

Ion Ratio Lower Upper

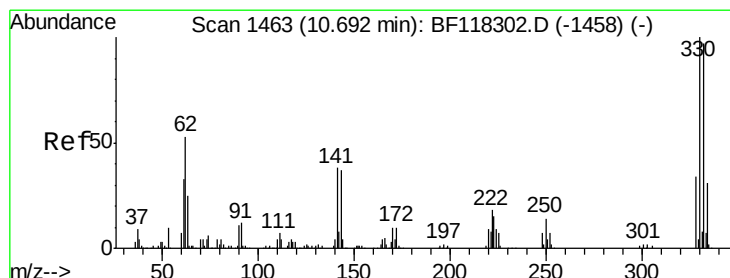
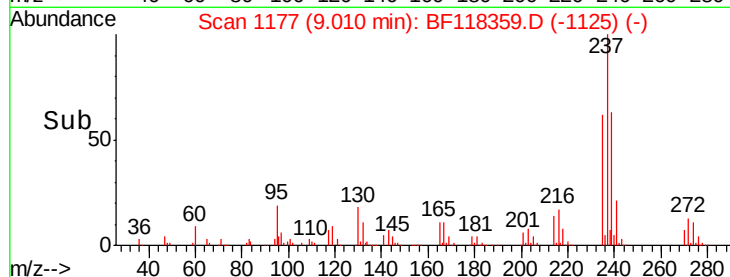
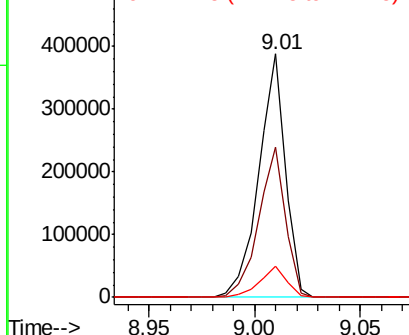
237 100

235 61.7 43.8 83.8

272 13.0 0.0 31.7



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



#42

2,4,6-Tribromophenol

Concen: 71.987 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BF118359.D

Acq: 28 Dec 2019 12:17

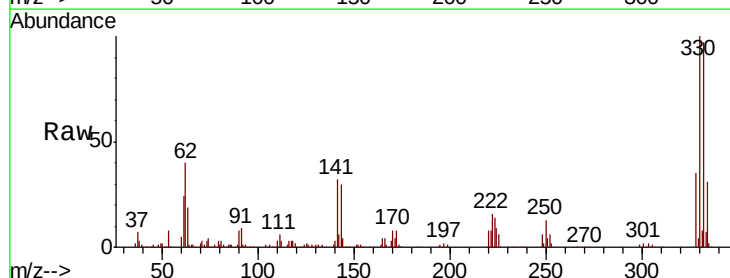
Tgt Ion:330 Resp: 373441

Ion Ratio Lower Upper

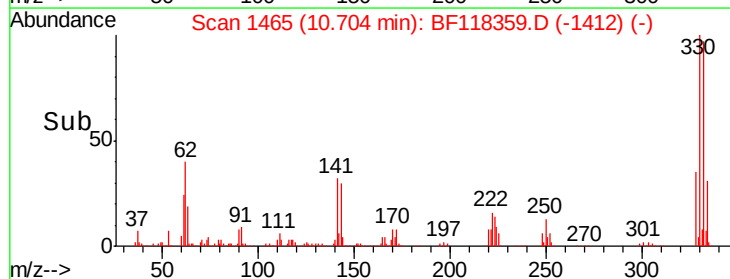
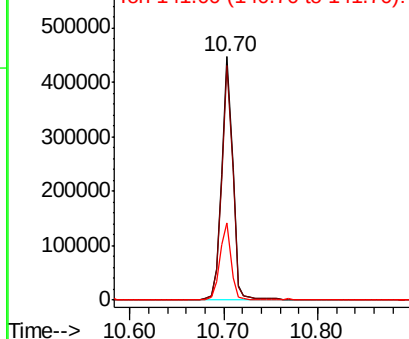
330 100

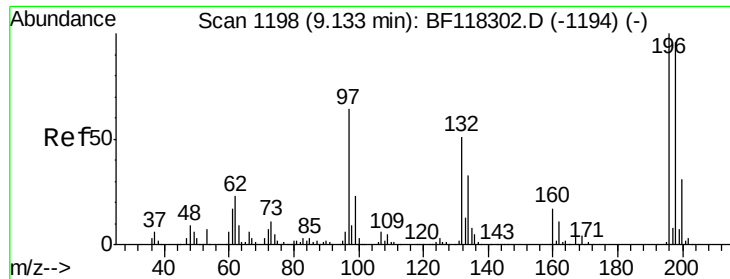
332 96.5 76.6 114.8

141 31.8 26.0 39.0



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

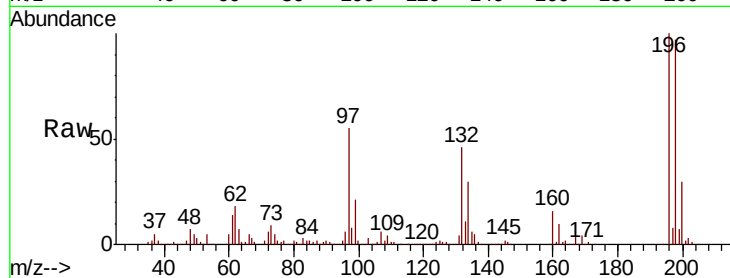




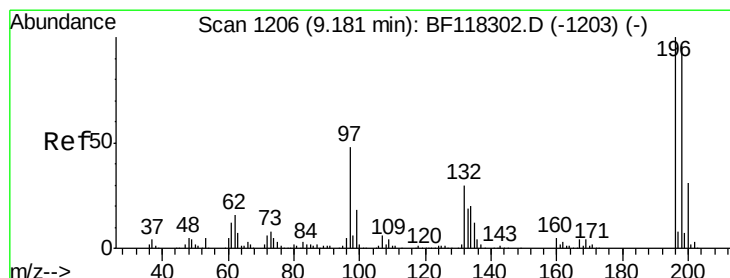
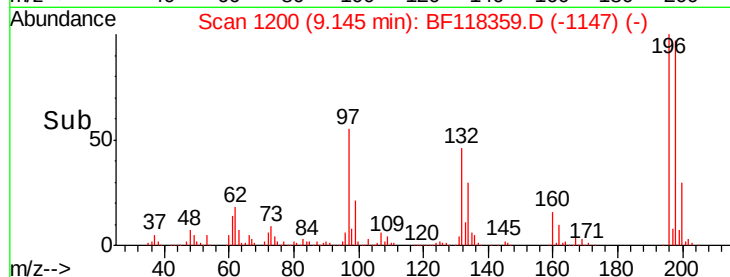
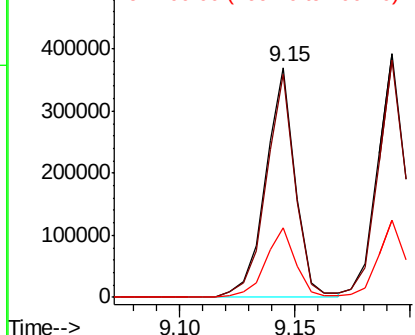
#43
 2,4,6-Trichlorophenol
 Concen: 39.232 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF118359.D
 Acq: 28 Dec 2019 12:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 330803
 Ion Ratio Lower Upper
 196 100
 198 97.0 76.7 115.1
 200 30.3 24.8 37.2

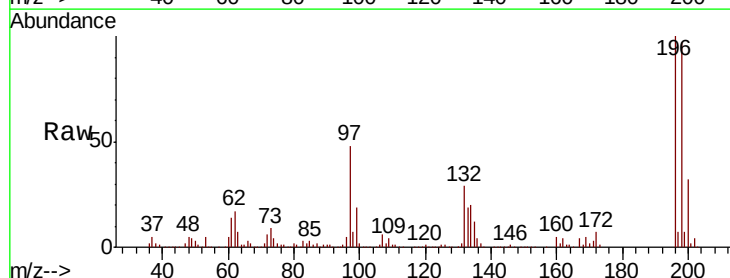


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

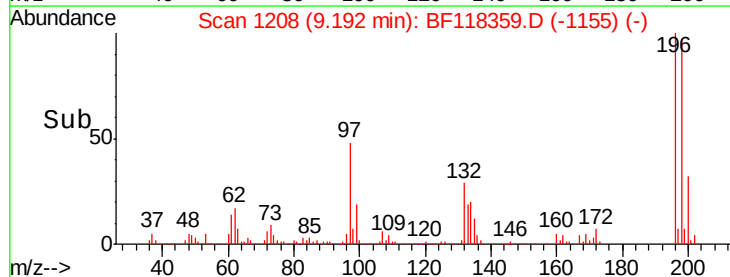
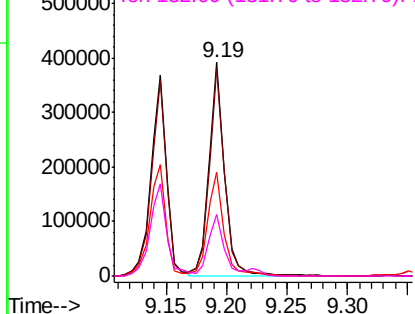


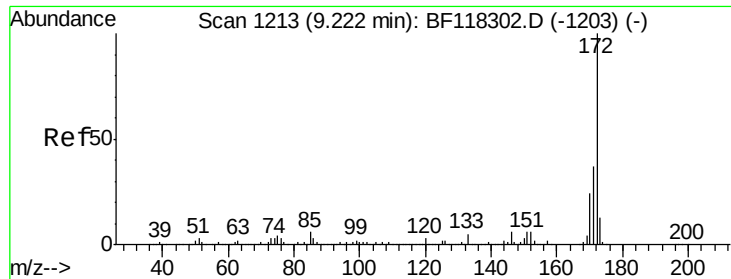
#44
 2,4,5-Trichlorophenol
 Concen: 39.872 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF118359.D
 Acq: 28 Dec 2019 12:17

Tgt Ion:196 Resp: 345852
 Ion Ratio Lower Upper
 196 100
 198 97.3 77.0 115.4
 97 48.4 38.9 58.3
 132 29.0 23.9 35.9



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

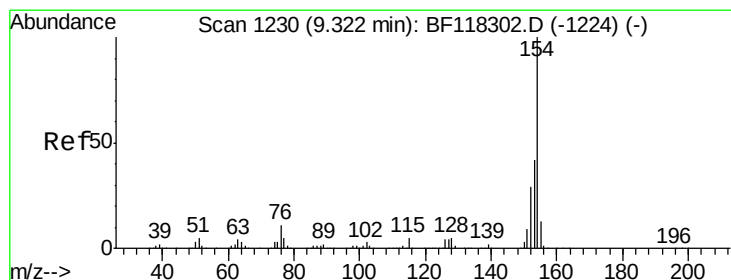
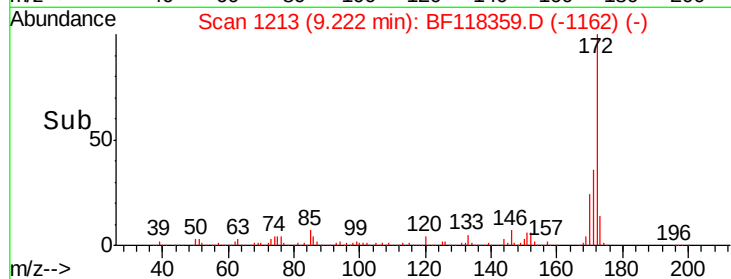
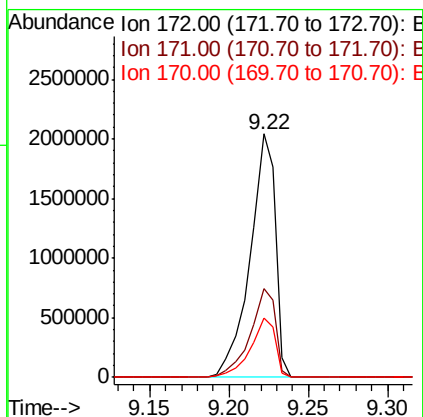
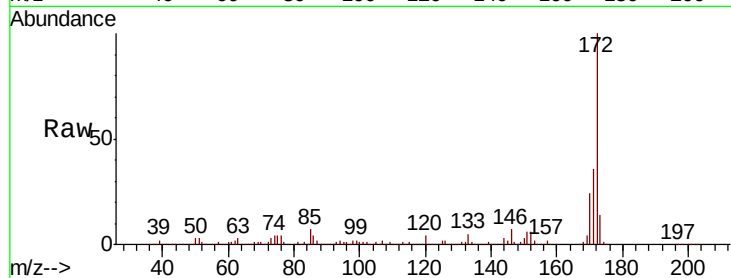




#45
2-Fluorobiphenyl
Concen: 82.189 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

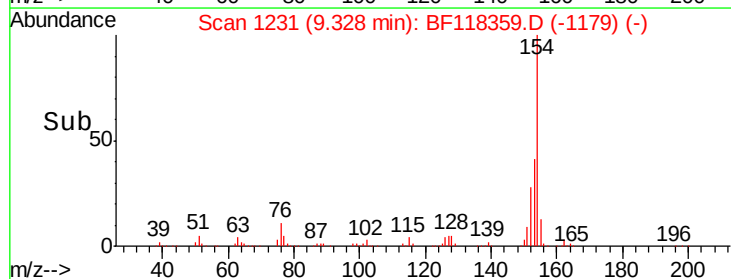
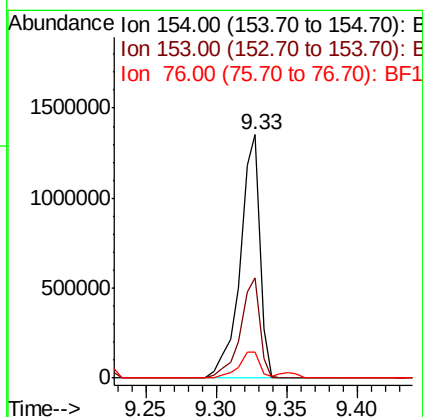
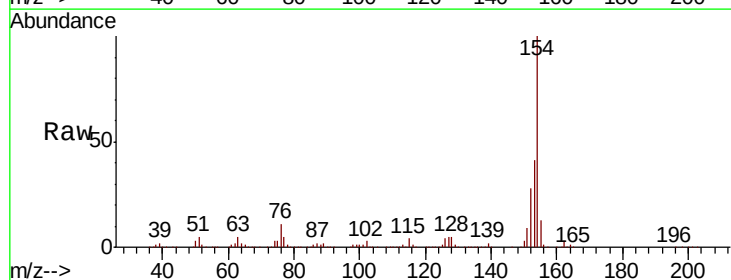
Instrument :
BNA_F
ClientSampleId :

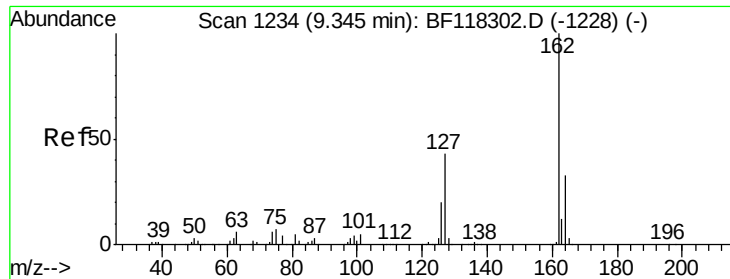
Tot Ion:172 Resp: 2261799
Ion Ratio Lower Upper
172 100
171 36.4 29.3 43.9
170 24.1 19.2 28.8



#46
1,1'-Biphenyl
Concen: 39.505 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Tgt Ion:154 Resp: 1312573
Ion Ratio Lower Upper
154 100
153 41.4 21.8 61.8
76 10.7 0.0 30.9

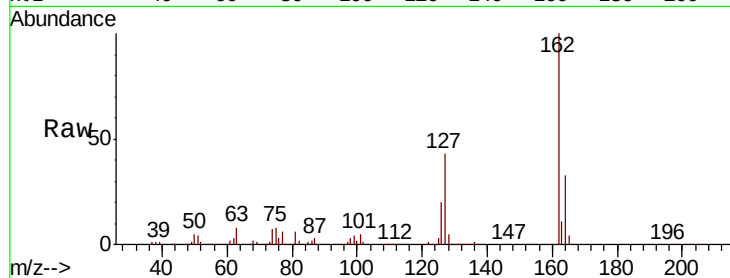




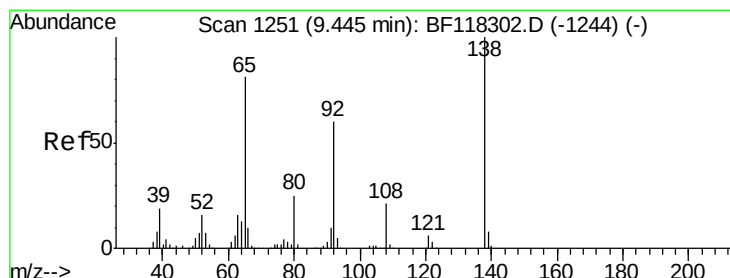
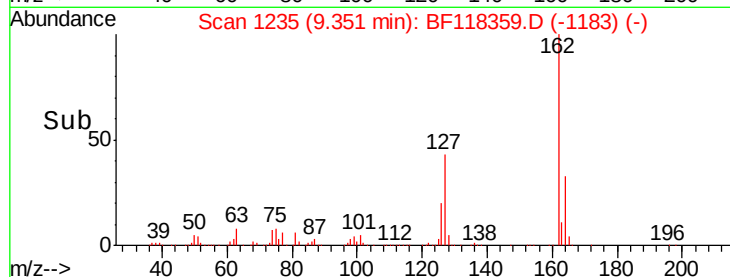
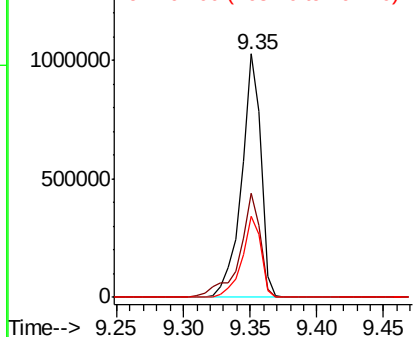
#47
 2-Chloronaphthalene
 Concen: 38.419 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. 0.01 min
 Lab File: BF118359.D
 Acq: 28 Dec 2019 12:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1027362
 Ion Ratio Lower Upper
 162 100
 127 43.0 35.0 52.4
 164 33.2 26.6 40.0

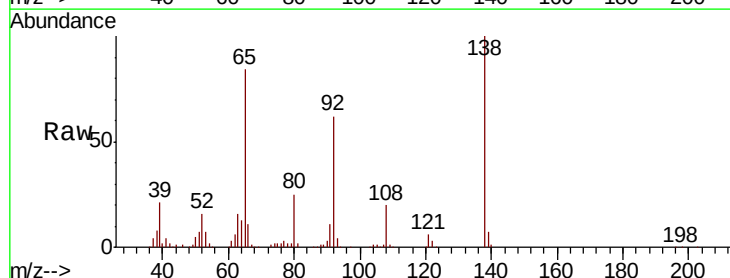


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

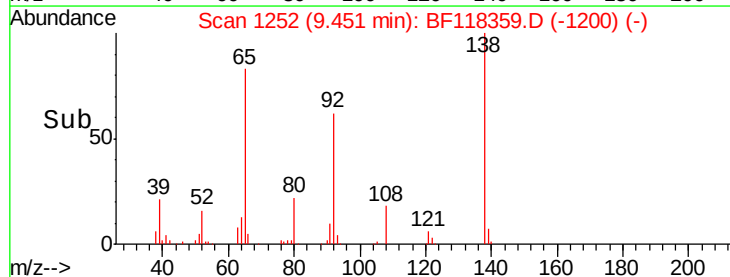
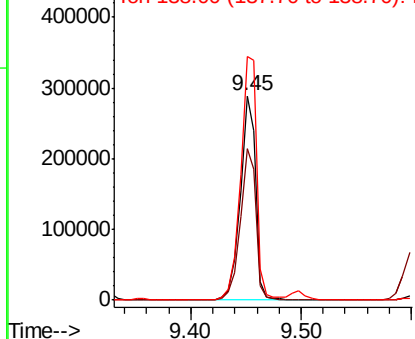


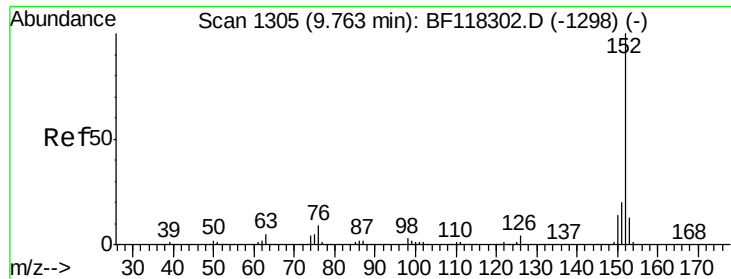
#48
 2-Nitroaniline
 Concen: 37.460 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. 0.01 min
 Lab File: BF118359.D
 Acq: 28 Dec 2019 12:17

Tgt Ion: 65 Resp: 282945
 Ion Ratio Lower Upper
 65 100
 92 74.3 58.7 88.1
 138 119.4 98.5 147.7



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





#49

Acenaphthylene

Concen: 40.334 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF118359.D

Acq: 28 Dec 2019 12:17

Instrument :

BNA_F

ClientSampleId :

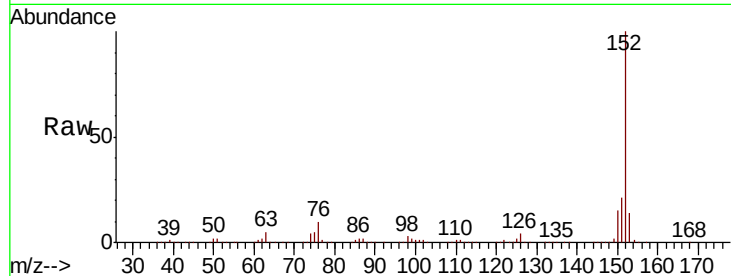
Tot Ion:152 Resp: 1599646

Ion Ratio Lower Upper

152 100

151 20.7 16.2 24.2

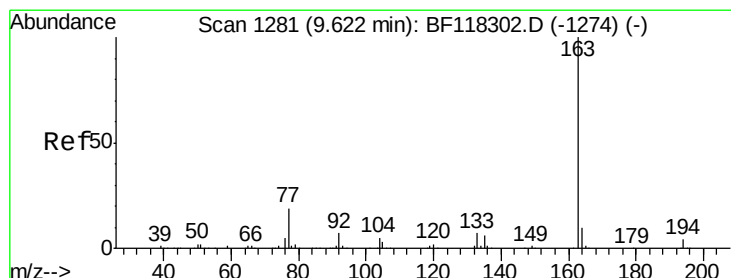
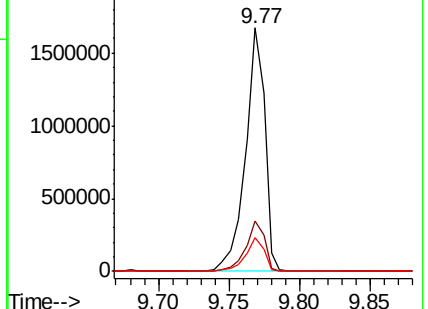
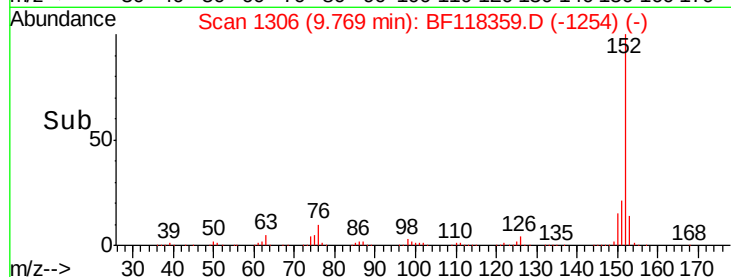
153 13.8 10.5 15.7



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: 38.760 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.01 min

Lab File: BF118359.D

Acq: 28 Dec 2019 12:17

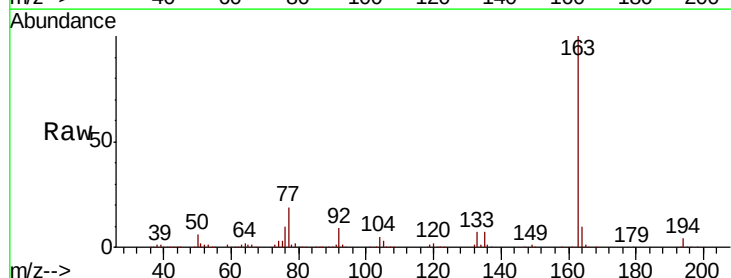
Tgt Ion:163 Resp: 1222218

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

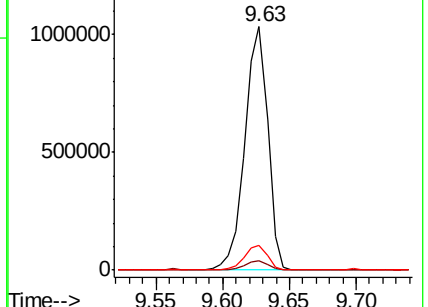
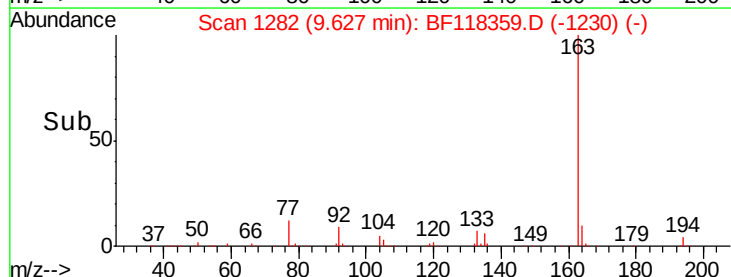
164 10.3 7.9 11.9

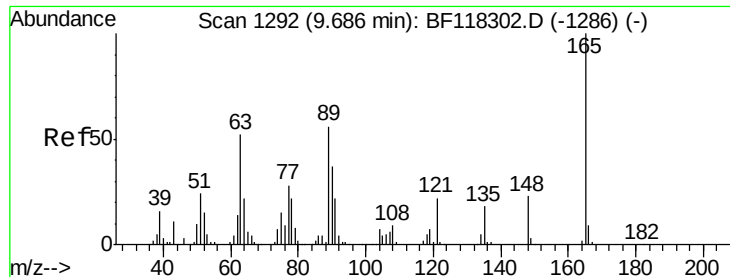


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 39.790 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.01 min

Lab File: BF118359.D

Acq: 28 Dec 2019 12:17

Instrument :

BNA_F

ClientSampled :

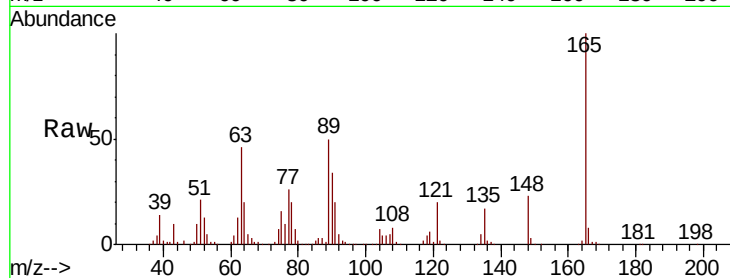
Tot Ion:165 Resp: 270499

Ion Ratio Lower Upper

165 100

63 46.5 42.2 63.4

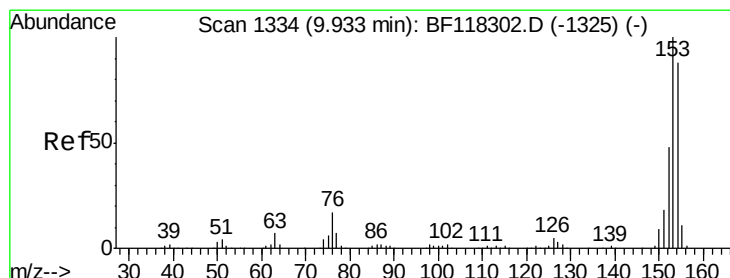
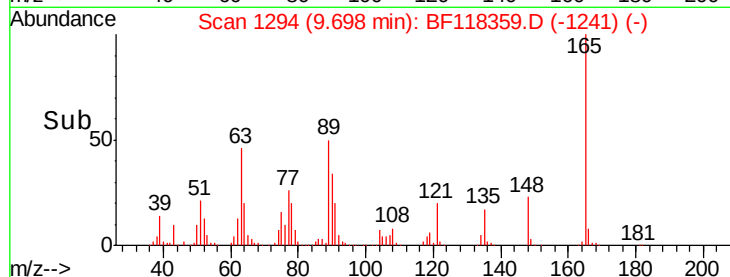
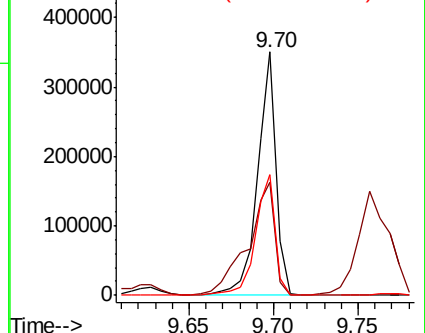
89 49.8 44.4 66.6



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: 38.984 ng

RT: 9.95 min Scan# 1336

Delta R.T. 0.01 min

Lab File: BF118359.D

Acq: 28 Dec 2019 12:17

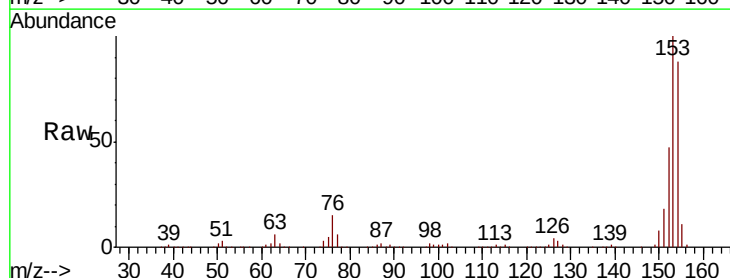
Tgt Ion:154 Resp: 941743

Ion Ratio Lower Upper

154 100

153 113.5 90.6 136.0

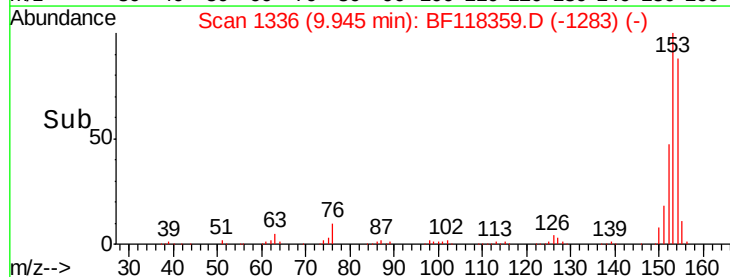
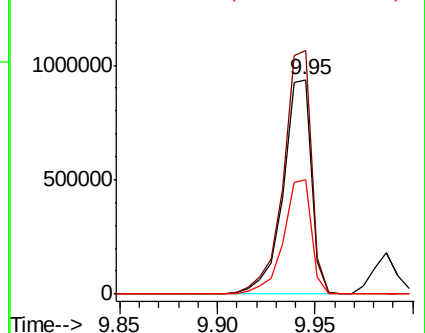
152 53.4 43.1 64.7

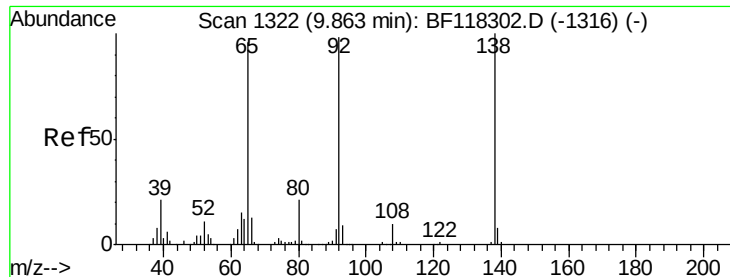


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

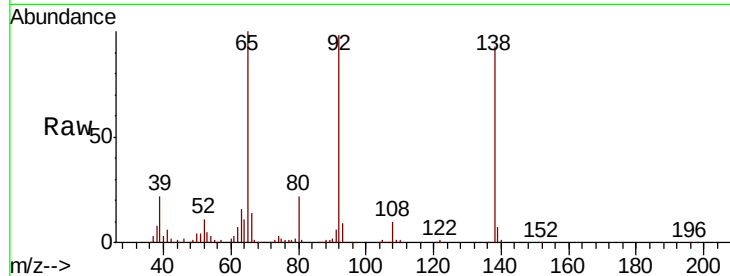




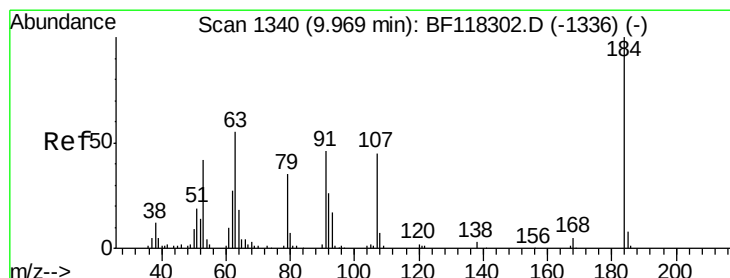
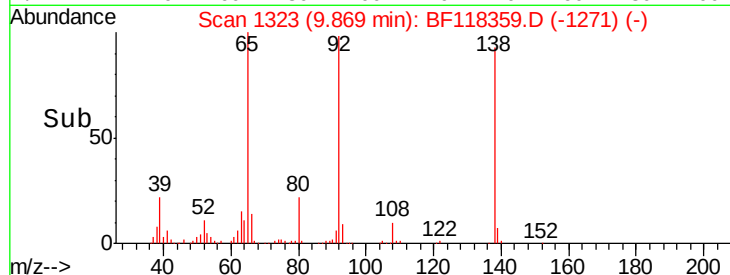
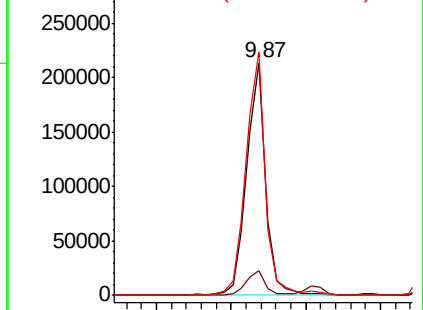
#53
 3-Nitroaniline
 Concen: 23.564 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: BF118359.D
 Acq: 28 Dec 2019 12:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 188019
 Ion Ratio Lower Upper
 138 100
 108 10.5 7.8 11.8
 92 104.7 78.2 117.2

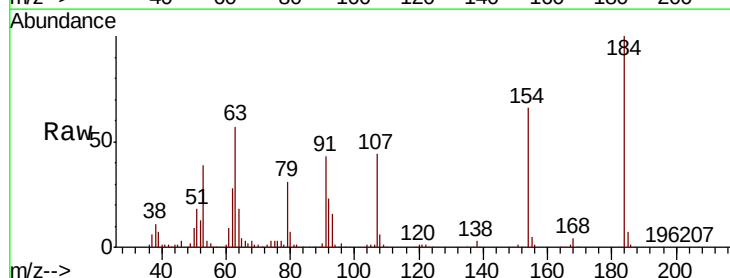


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

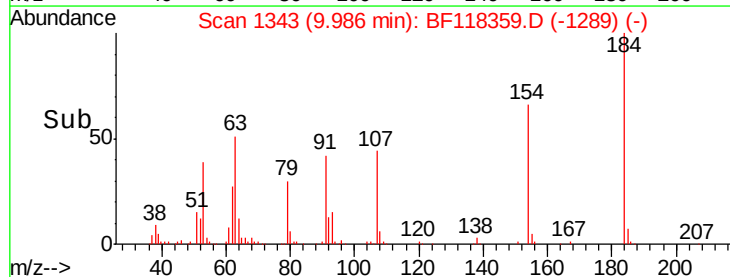
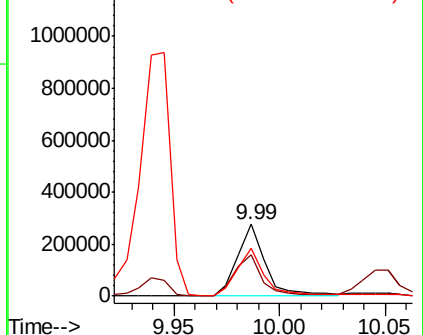


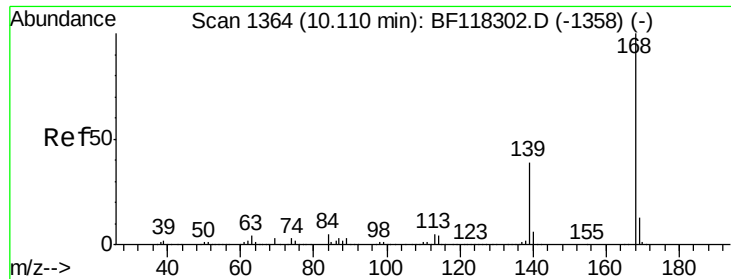
#54
 2,4-Dinitrophenol
 Concen: 75.478 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.02 min
 Lab File: BF118359.D
 Acq: 28 Dec 2019 12:17

Tgt Ion:184 Resp: 257639
 Ion Ratio Lower Upper
 184 100
 63 57.2 48.8 73.2
 154 65.7 55.0 82.4



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





#55

Dibenzenofuran

Concen: 39.140 ng

RT: 10.12 min Scan# 1365

Delta R.T. 0.01 min

Lab File: BF118359.D

Acq: 28 Dec 2019 12:17

Instrument :

BNA_F

ClientSampleId :

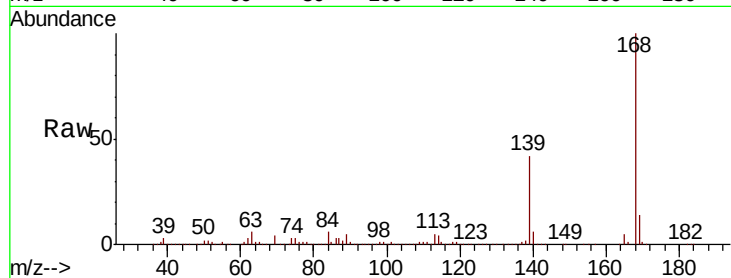
Tot Ion:168 Resp: 1397089

Ion Ratio Lower Upper

168 100

139 41.6 31.5 47.3

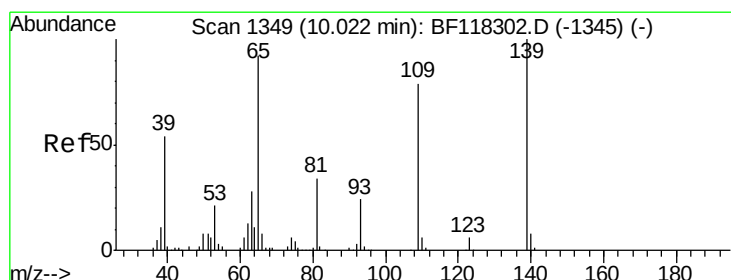
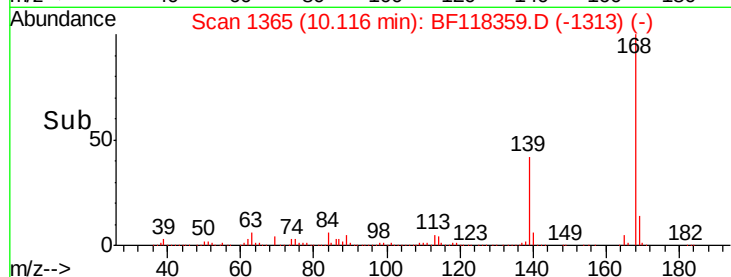
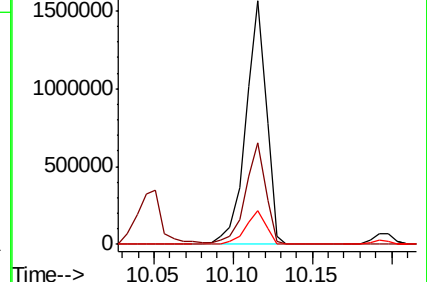
169 14.1 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 77.930 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.03 min

Lab File: BF118359.D

Acq: 28 Dec 2019 12:17

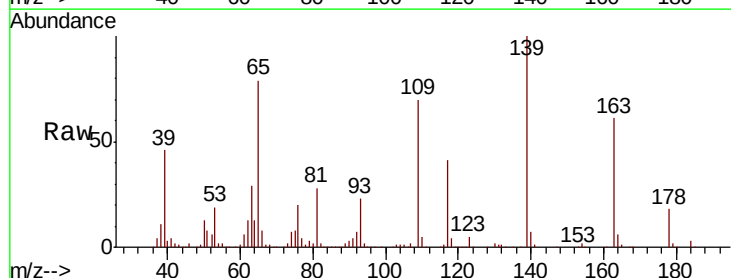
Tgt Ion:139 Resp: 383867

Ion Ratio Lower Upper

139 100

109 70.1 59.3 99.3

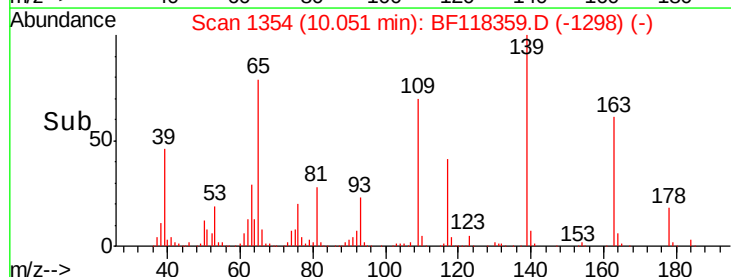
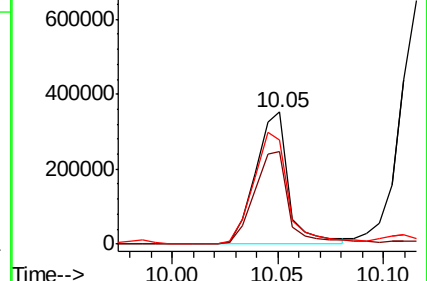
65 78.7 72.4 112.4

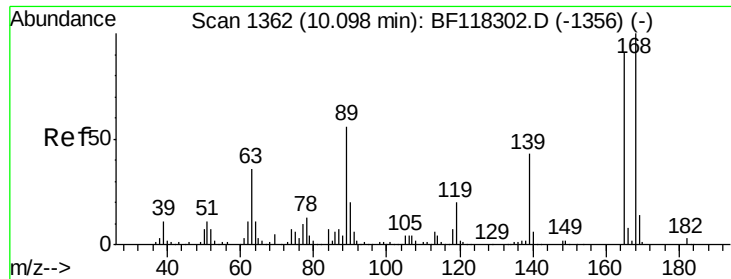


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

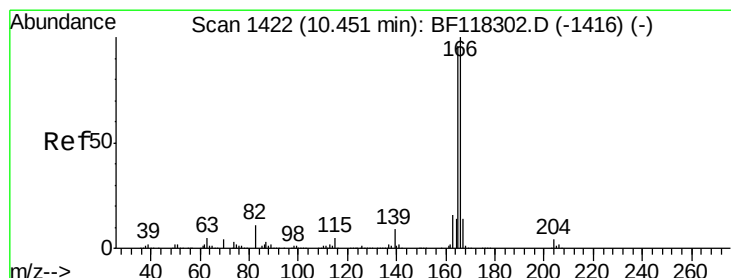
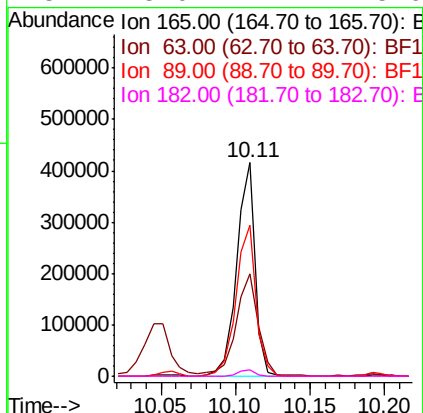
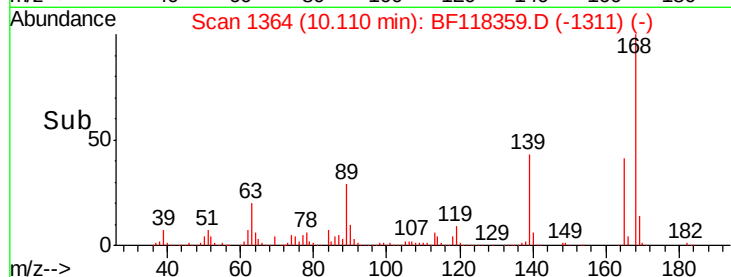
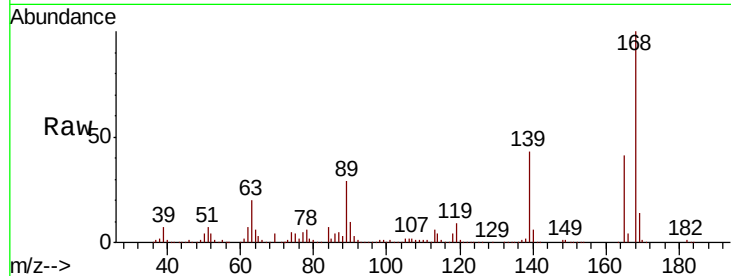




#57
2,4-Dinitrotoluene
Concen: 39.294 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

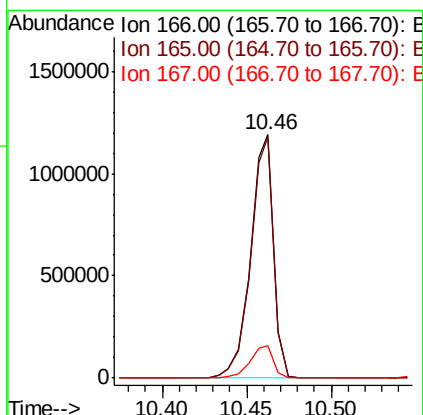
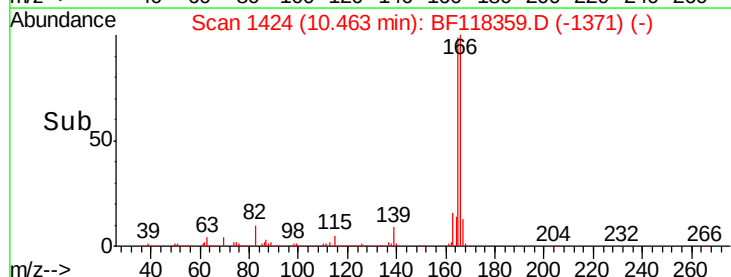
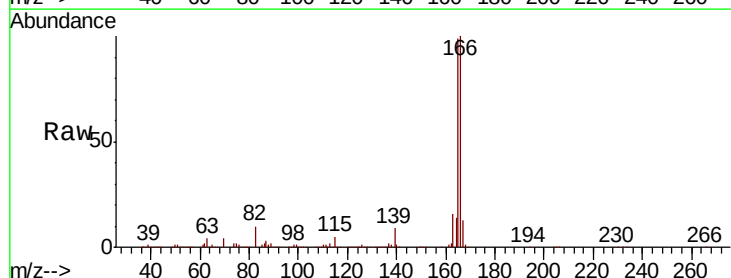
Instrument :
BNA_F
ClientSampleId :

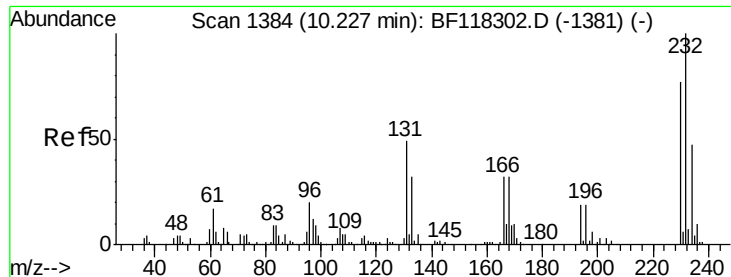
Tot Ion:165 Resp: 356939
Ion Ratio Lower Upper
165 100
63 48.1 32.0 48.0#
89 70.7 49.3 73.9
182 3.0 2.4 3.6



#58
Fluorene
Concen: 39.120 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Tgt Ion:166 Resp: 1127231
Ion Ratio Lower Upper
166 100
165 98.8 77.0 115.4
167 13.4 10.9 16.3

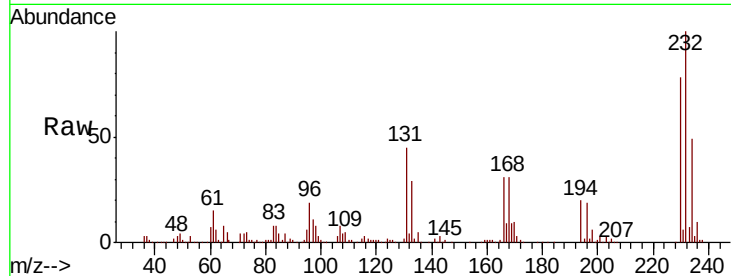




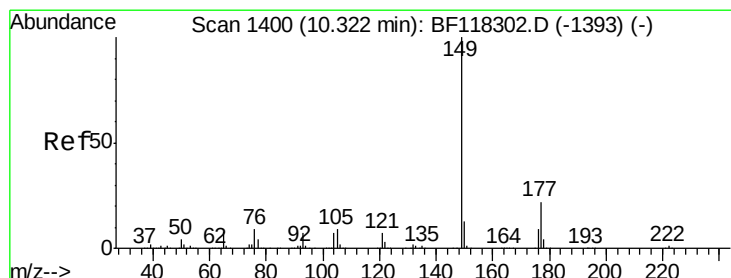
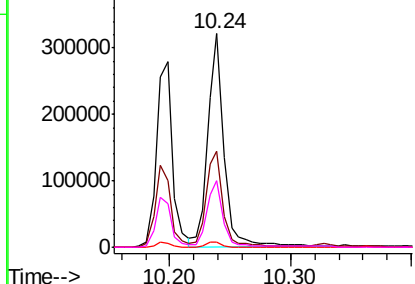
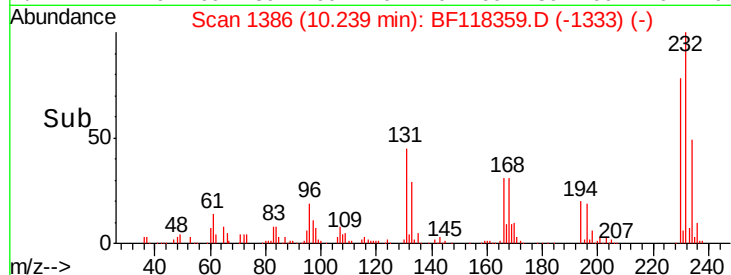
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.795 ng
RT: 10.24 min Scan# 1386
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.1	37.7	56.5
130	2.6	2.0	3.0
166	30.9	24.7	37.1

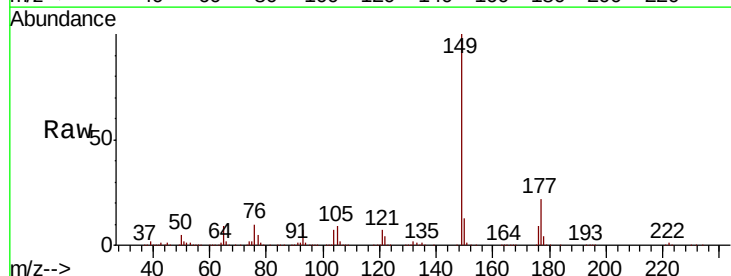


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

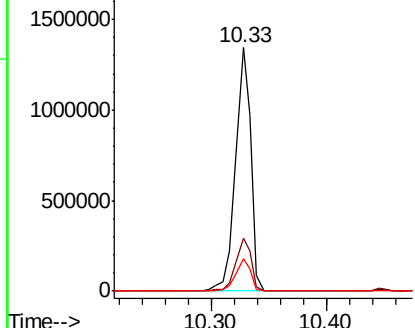
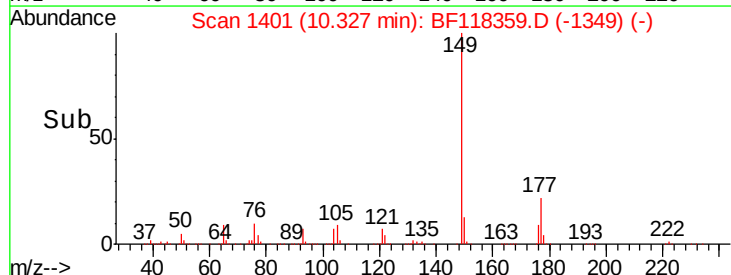


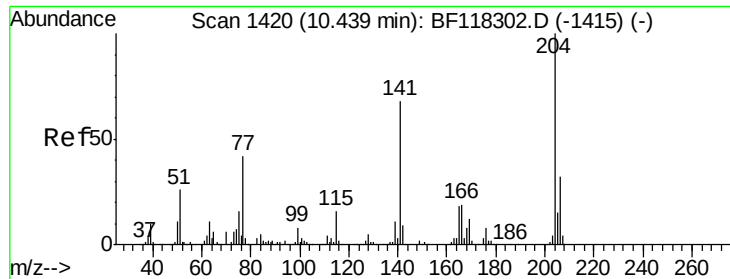
#60
Diethylphthalate
Concen: 39.301 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.9	26.9
150	13.3	10.2	15.2



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

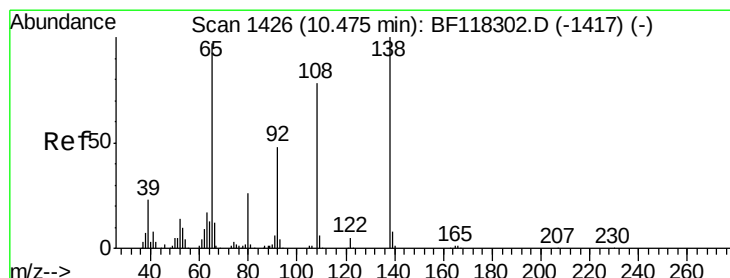
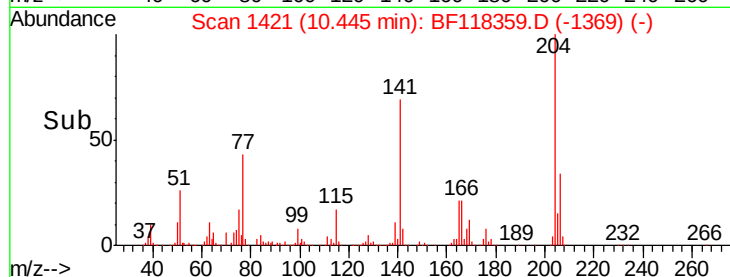
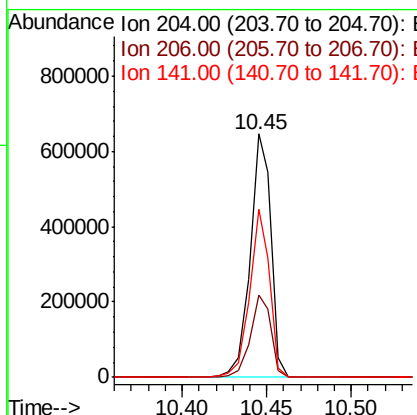
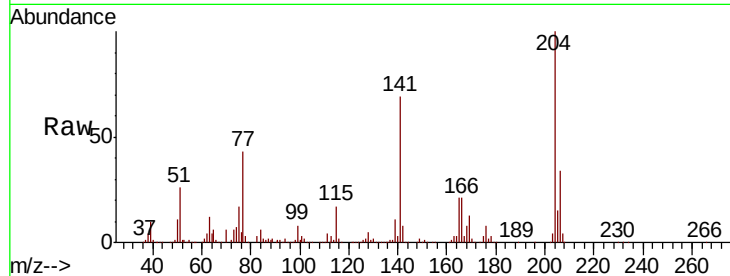




#61
 4-Chlorophenyl-phenylether
 Concen: 38.807 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.01 min
 Lab File: BF118359.D
 Acq: 28 Dec 2019 12:17

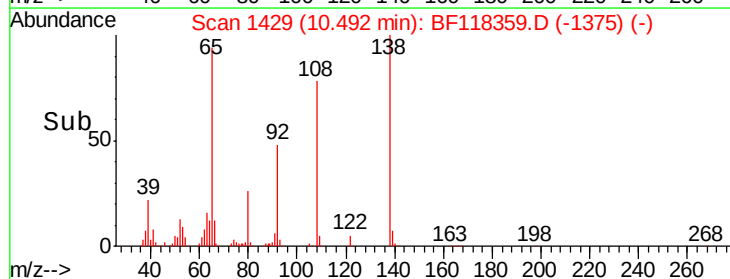
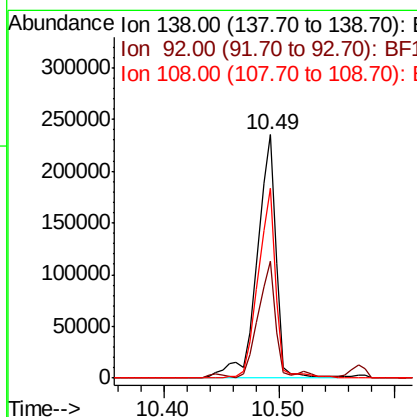
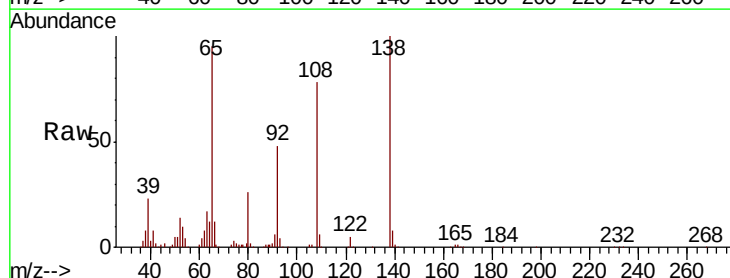
Instrument :
 BNA_F
 ClientSampleId :

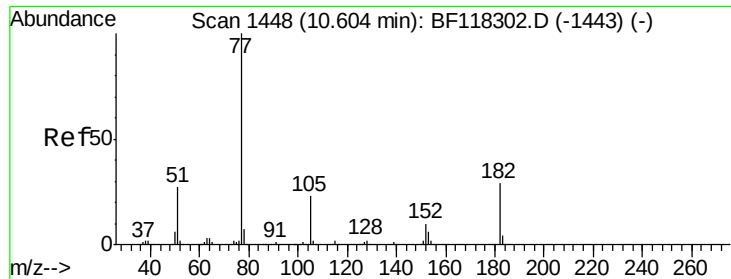
Tot Ion:	204	Resp:	558212
Ion	Ratio	Lower	Upper
204	100		
206	33.7	25.8	38.8
141	69.0	54.2	81.4



#62
 4-Nitroaniline
 Concen: 32.845 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.02 min
 Lab File: BF118359.D
 Acq: 28 Dec 2019 12:17

Tgt Ion:	138	Resp:	272254
Ion	Ratio	Lower	Upper
138	100		
92	48.1	27.9	67.9
108	78.2	58.1	98.1

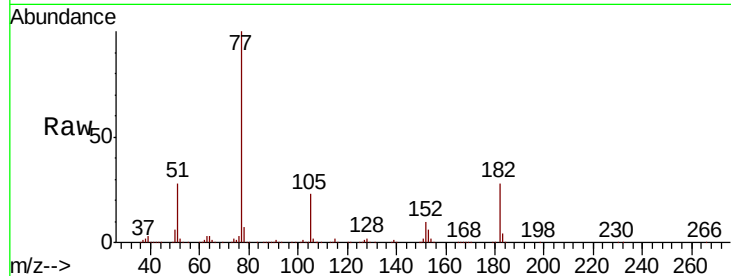




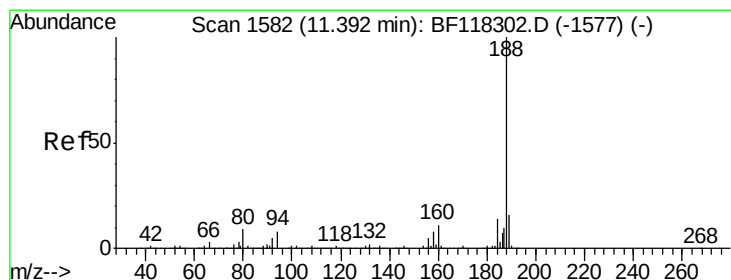
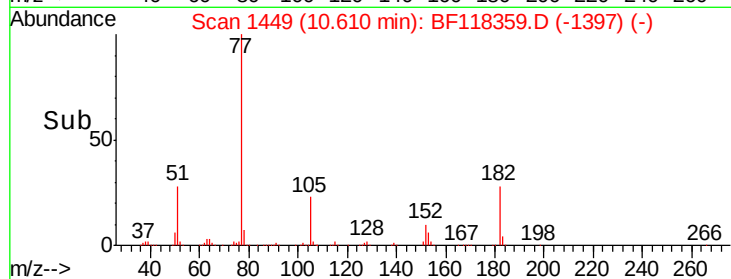
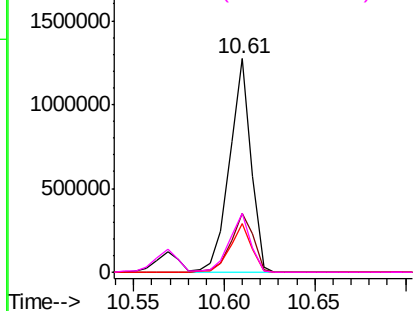
#63
Azobenzene
Concen: 39.315 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	1050507
Ion	Ratio	Lower	Upper
77	100		
182	27.8	9.2	49.2
105	23.1	3.2	43.2
51	27.8	7.1	47.1

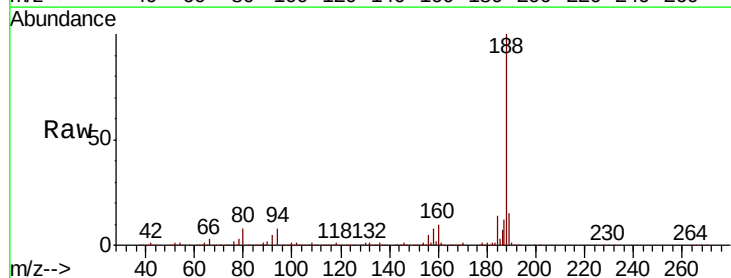


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

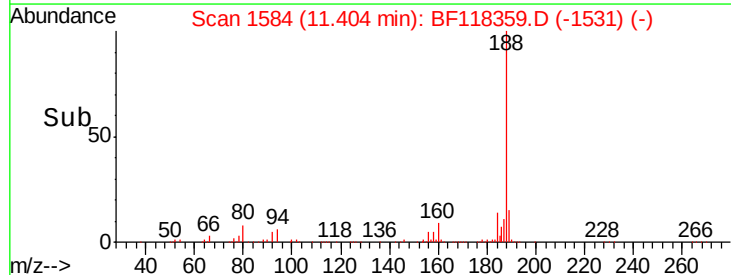
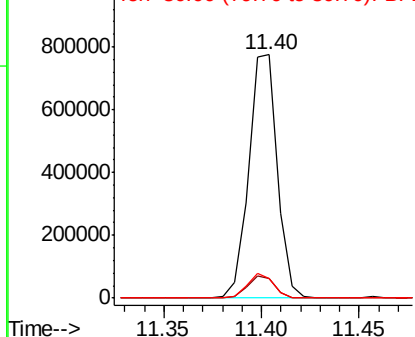


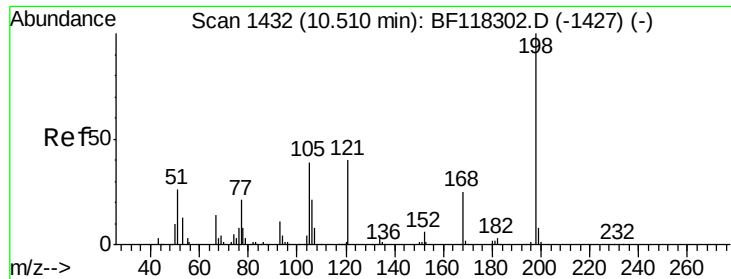
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Tgt Ion:	188	Resp:	782617
Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.7	10.1
80	8.3	7.2	10.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

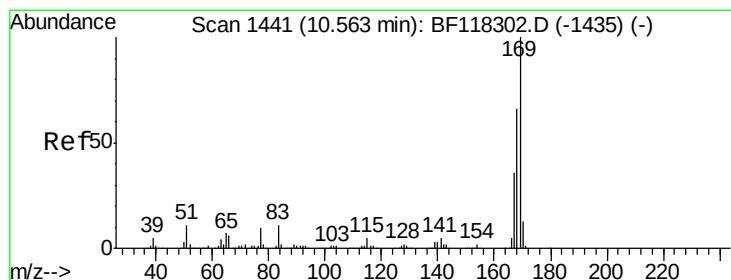
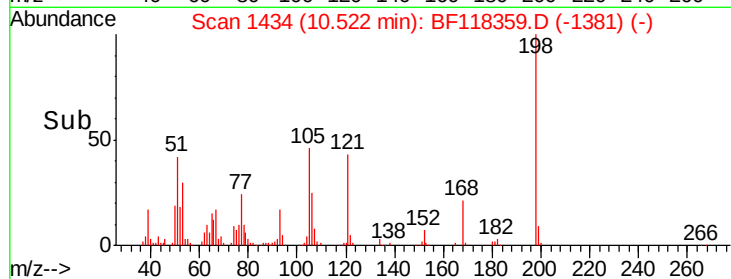
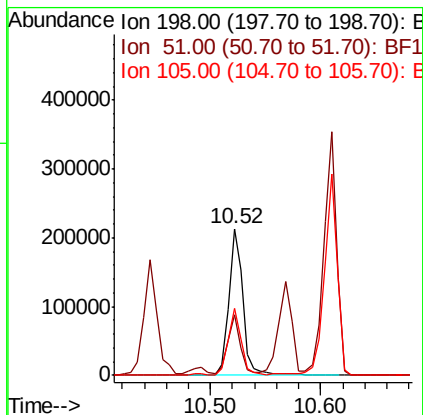
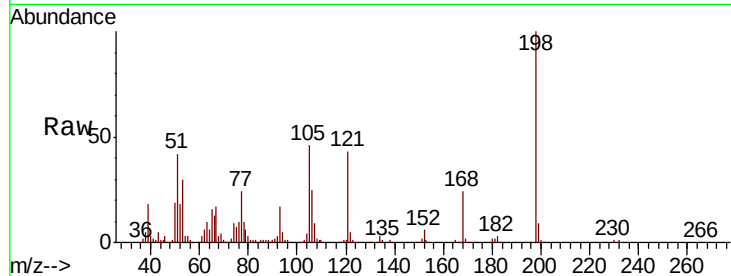




#65
 4,6-Dinitro-2-methylphenol
 Concen: 45.575 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: BF118359.D
 Acq: 28 Dec 2019 12:17

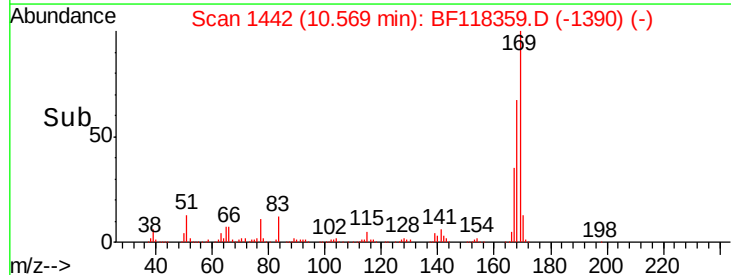
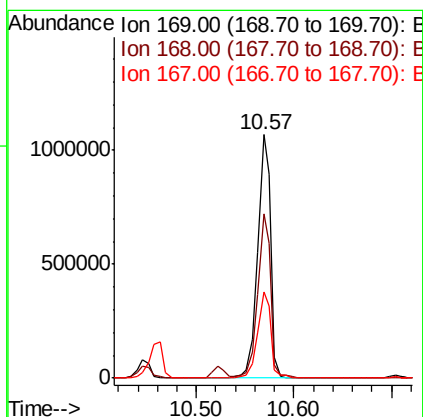
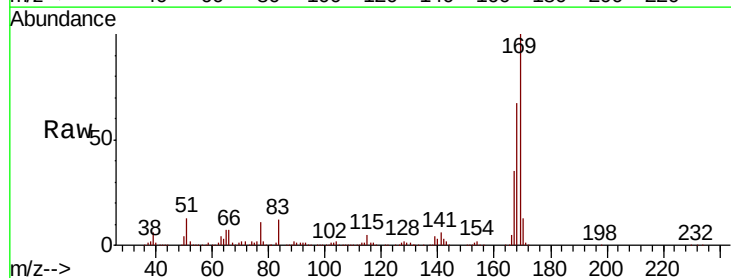
Instrument :
 BNA_F
 ClientSampled :

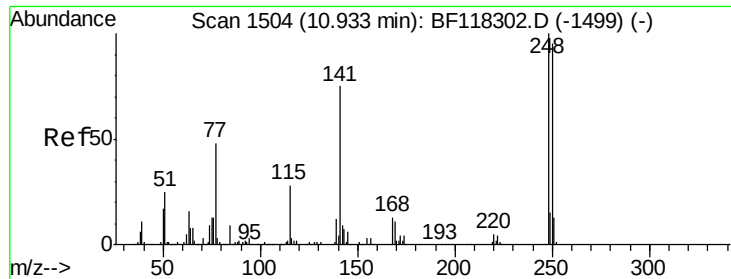
Tot Ion:198 Resp: 192415
 Ion Ratio Lower Upper
 198 100
 51 41.5 12.8 52.8
 105 45.8 20.3 60.3



#66
 n-Nitrosodiphenylamine
 Concen: 40.286 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: BF118359.D
 Acq: 28 Dec 2019 12:17

Tgt Ion:169 Resp: 1010471
 Ion Ratio Lower Upper
 169 100
 168 67.4 52.6 79.0
 167 35.5 28.4 42.6

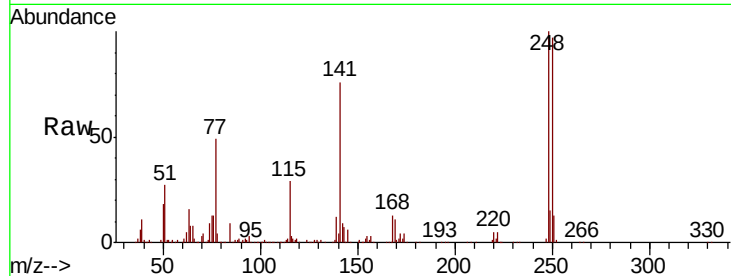




#67
4-Bromophenyl-phenylether
Concen: 39.176 ng
RT: 10.94 min Scan# 1505
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.6	76.4	114.6
141	76.2	60.2	90.2

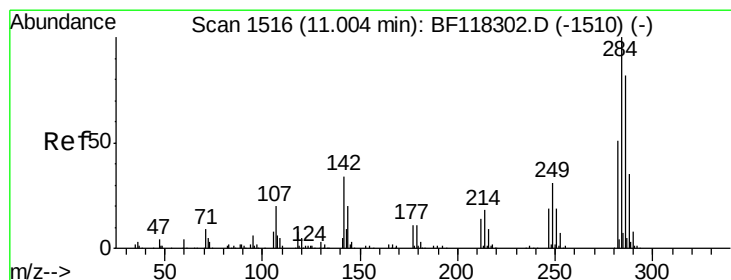
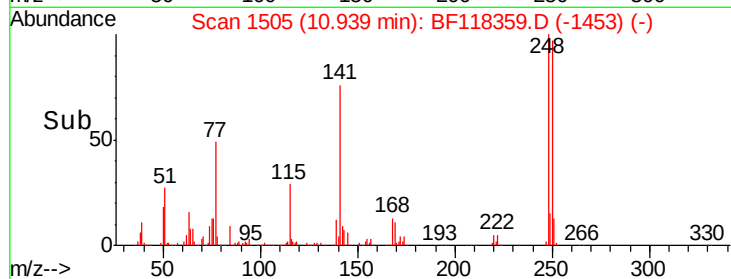
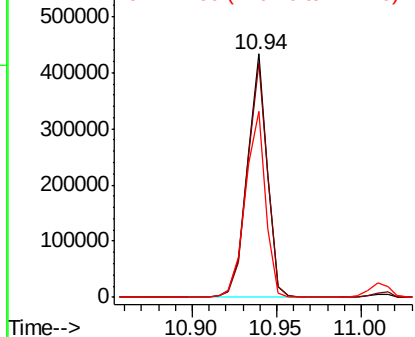


Abundance

Ion 248.00 (247.70 to 248.70): E

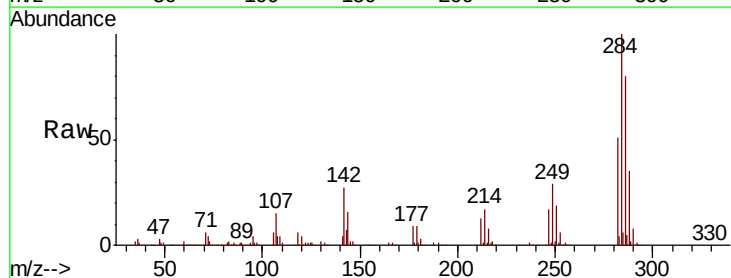
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 38.089 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.2	27.3	40.9#
249	28.5	25.0	37.6

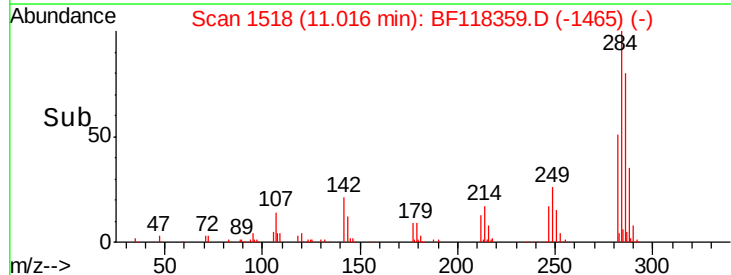
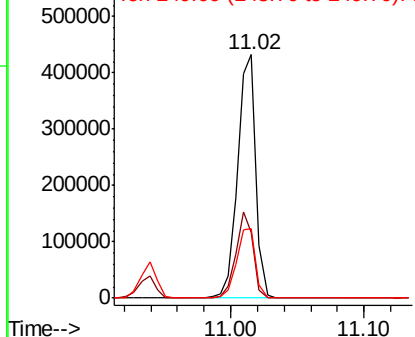


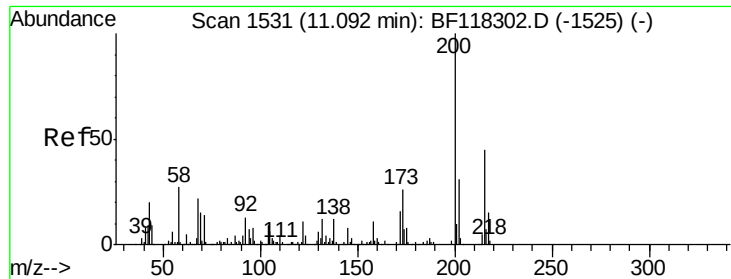
Abundance

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

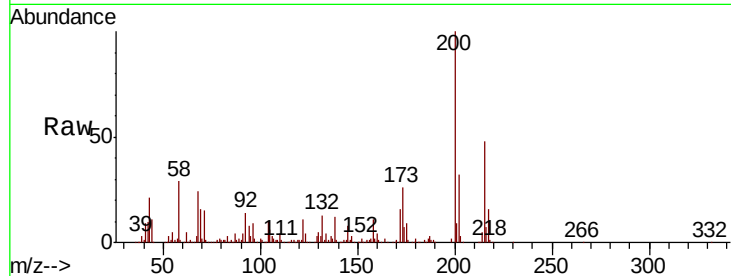




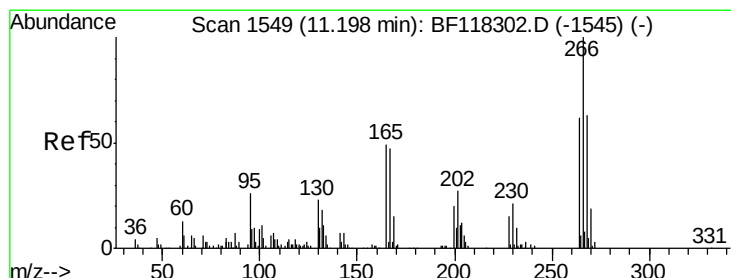
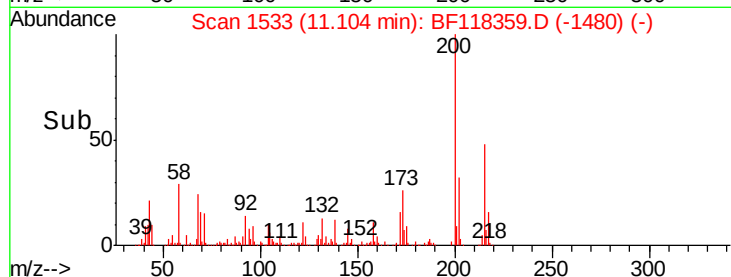
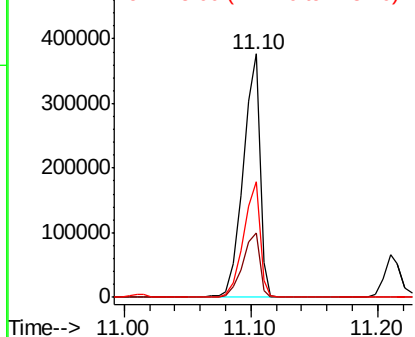
#69
Atrazine
Concen: 44.109 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.2	5.8	45.8
215	47.5	25.1	65.1

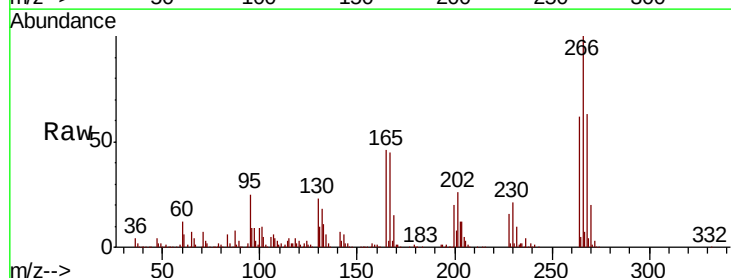


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

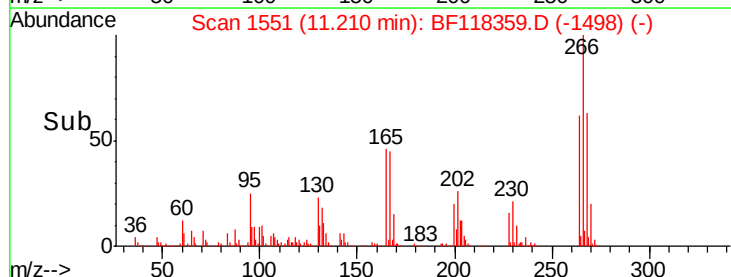
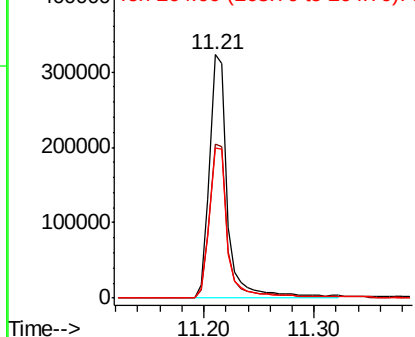


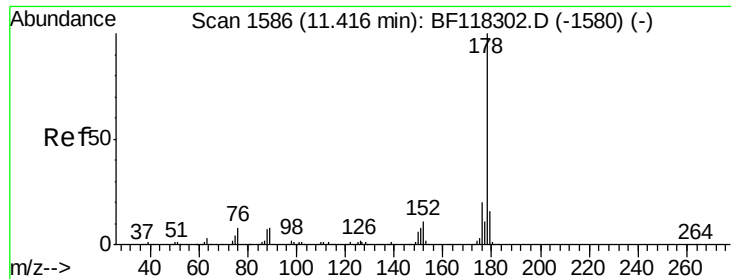
#70
Pentachlorophenol
Concen: 77.655 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	50.6	76.0
264	61.7	49.9	74.9



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

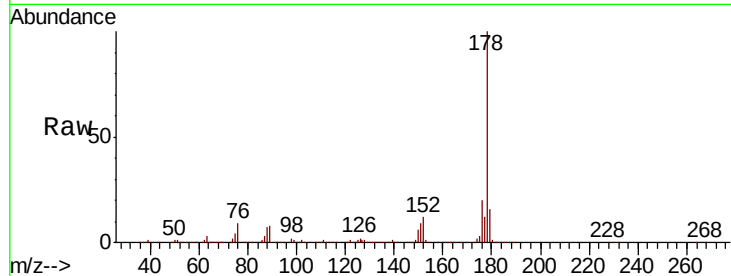




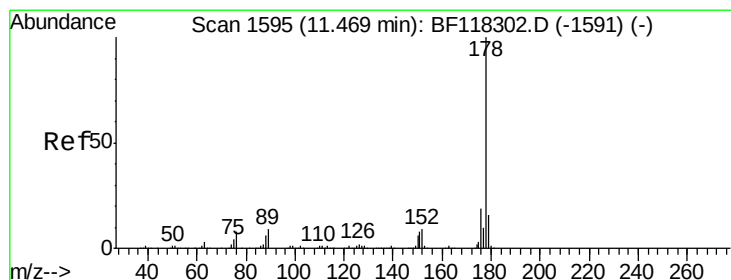
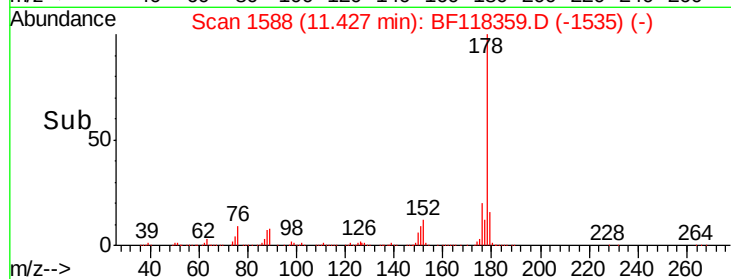
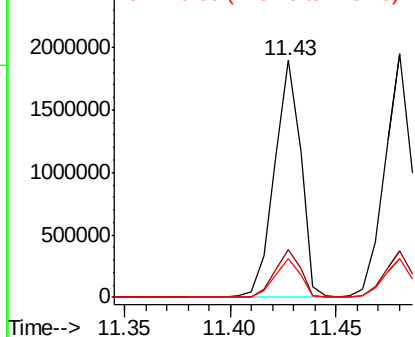
#71
Phenanthrene
Concen: 38.512 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 1643104
Ion Ratio Lower Upper
178 100
176 19.9 15.6 23.4
179 16.4 12.6 19.0

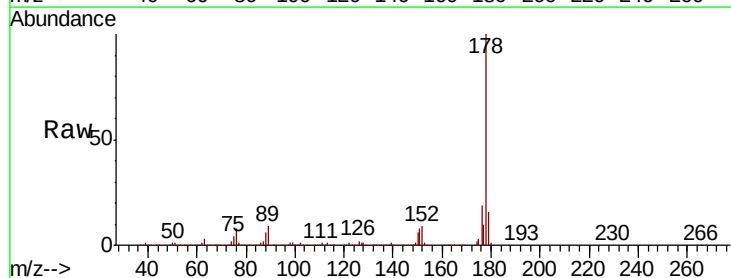


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

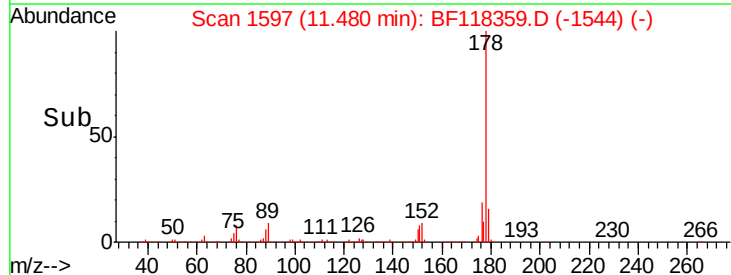
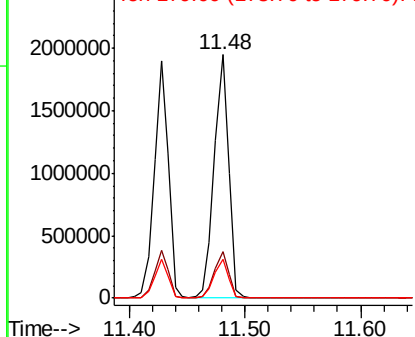


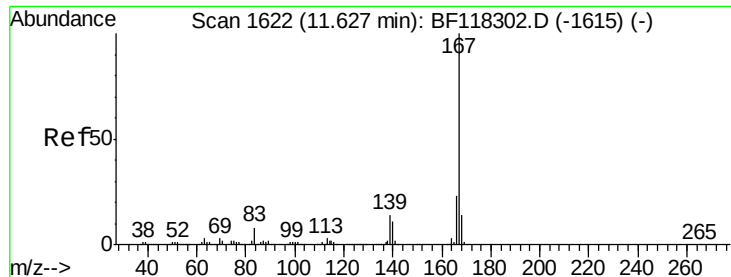
#72
Anthracene
Concen: 40.059 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Tgt Ion:178 Resp: 1710706
Ion Ratio Lower Upper
178 100
176 19.1 15.2 22.8
179 15.8 12.9 19.3



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



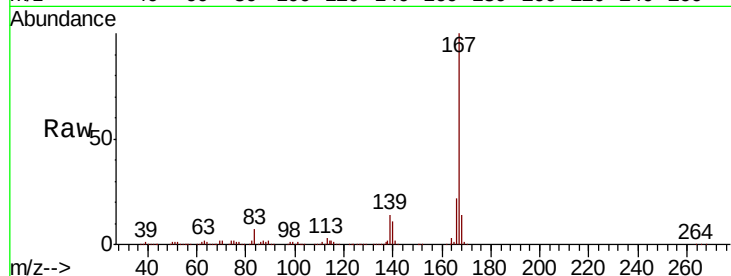


#73
 Carbazole
 Concen: 38.918 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.01 min
 Lab File: BF118359.D
 Acq: 28 Dec 2019 12:17

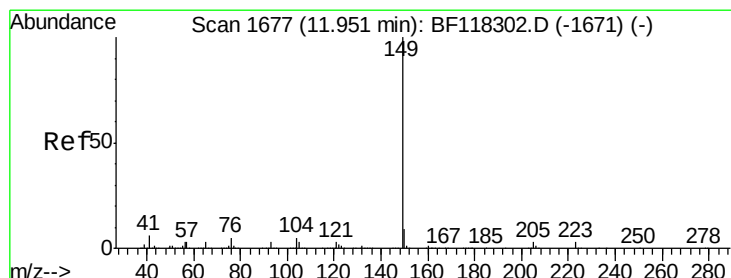
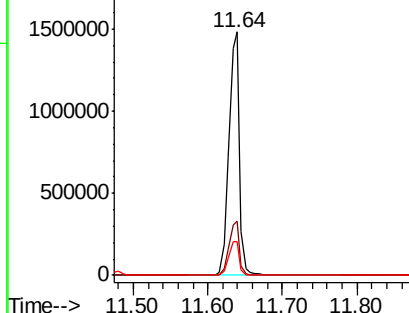
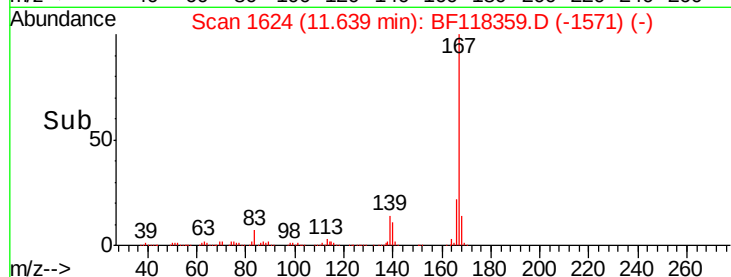
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1474737

Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.1	27.1
139	13.7	11.5	17.3



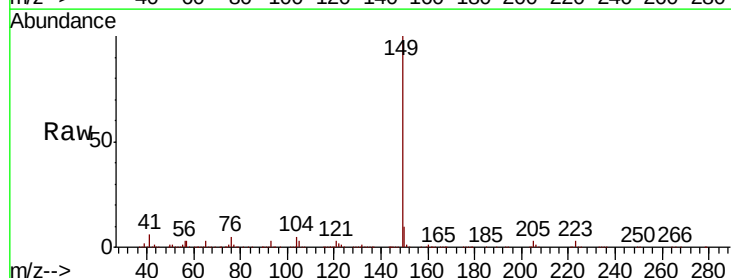
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



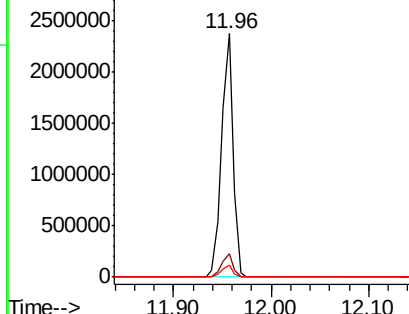
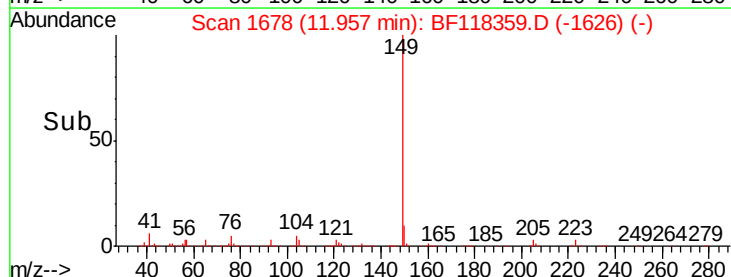
#74
 Di-n-butylphthalate
 Concen: 40.477 ng
 RT: 11.96 min Scan# 1678
 Delta R.T. 0.01 min
 Lab File: BF118359.D
 Acq: 28 Dec 2019 12:17

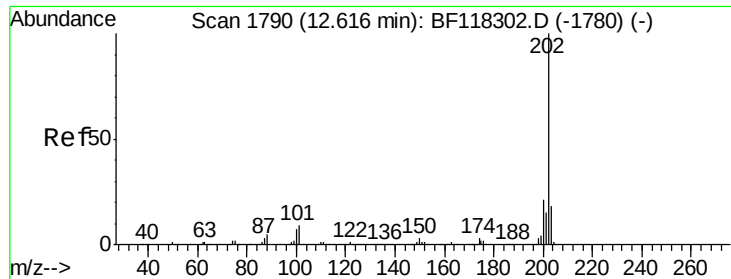
Tgt Ion:149 Resp: 1944798

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.5	11.3
104	5.0	4.0	6.0



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





#75

Fluoranthene

Concen: 39.352 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.01 min

Lab File: BF118359.D

Acq: 28 Dec 2019 12:17

Instrument :

BNA_F

ClientSampled :

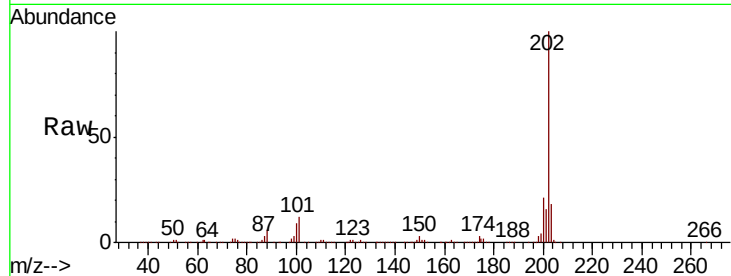
Tot Ion:202 Resp: 1694413

Ion Ratio Lower Upper

202 100

101 11.8 0.0 29.5

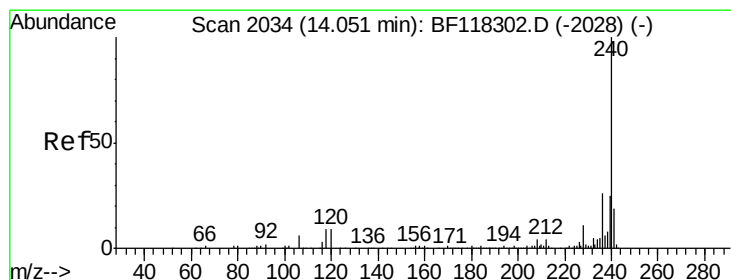
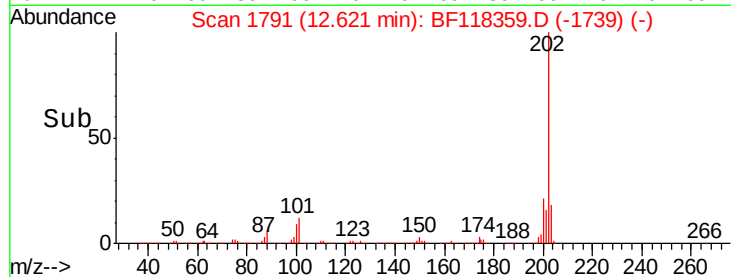
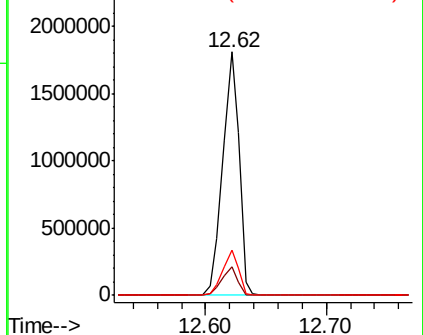
203 18.4 0.0 37.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF118359.D

Acq: 28 Dec 2019 12:17

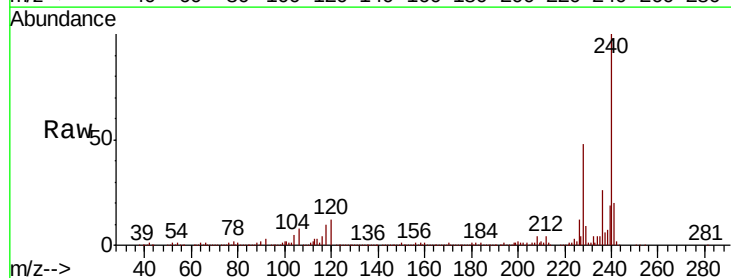
Tgt Ion:240 Resp: 509781

Ion Ratio Lower Upper

240 100

120 11.8 7.1 10.7#

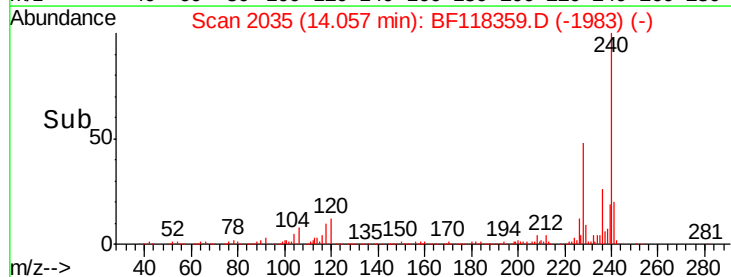
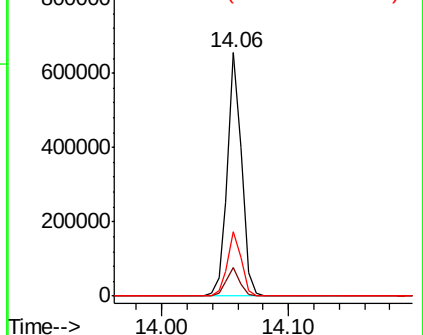
236 26.2 21.0 31.6

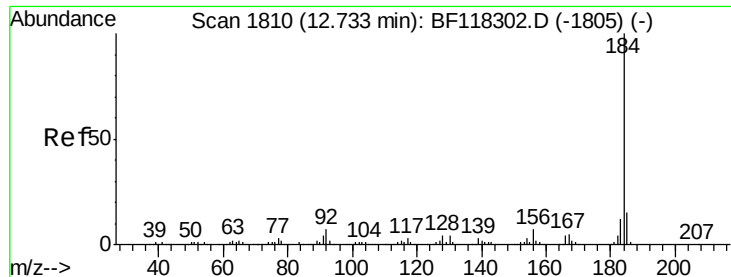


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.958 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF118359.D

Acq: 28 Dec 2019 12:17

Instrument :

BNA_F

ClientSampleId :

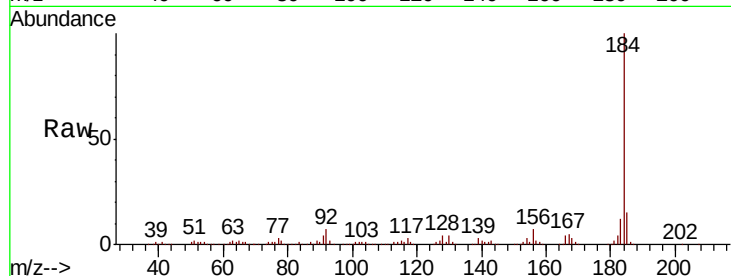
Tot Ion:184 Resp: 502271

Ion	Ratio	Lower	Upper
184	100		
185	14.8	12.3	18.5
183	12.1	9.4	14.2

184 100

185 14.8 12.3 18.5

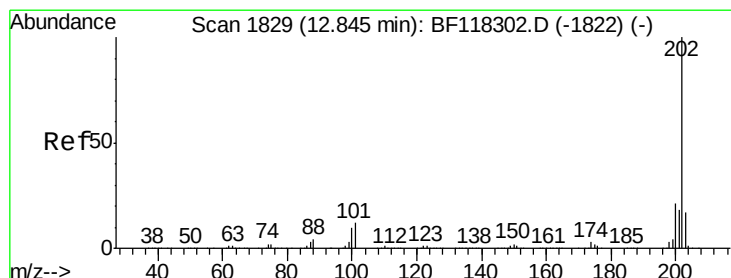
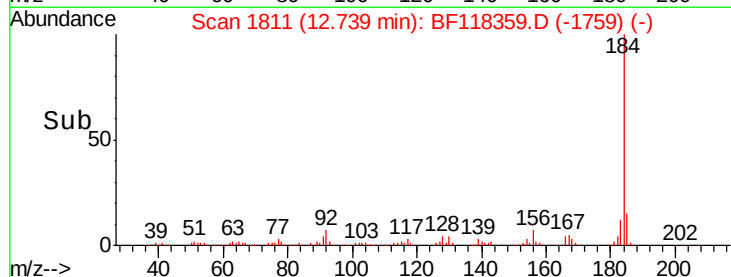
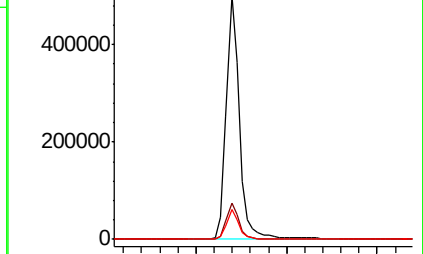
183 12.1 9.4 14.2



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: 40.552 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.01 min

Lab File: BF118359.D

Acq: 28 Dec 2019 12:17

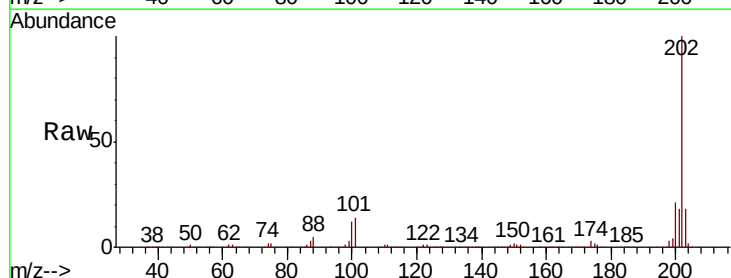
Tgt Ion:202 Resp: 1688160

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.8	25.2
203	17.9	13.9	20.9

202 100

200 21.3 16.8 25.2

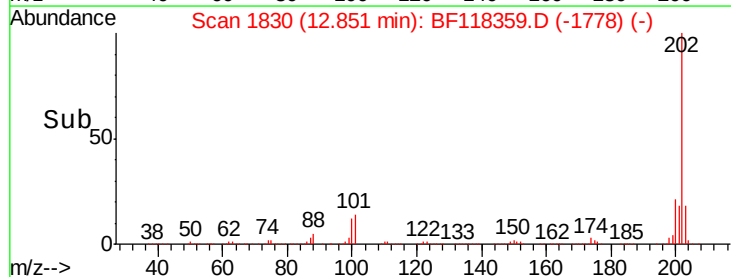
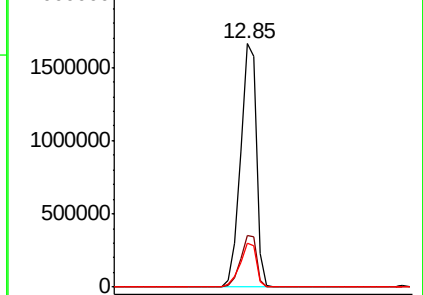
203 17.9 13.9 20.9

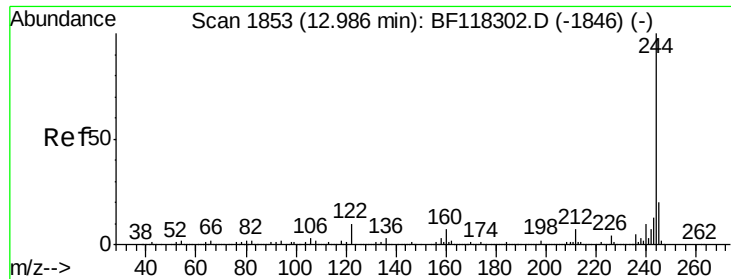


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

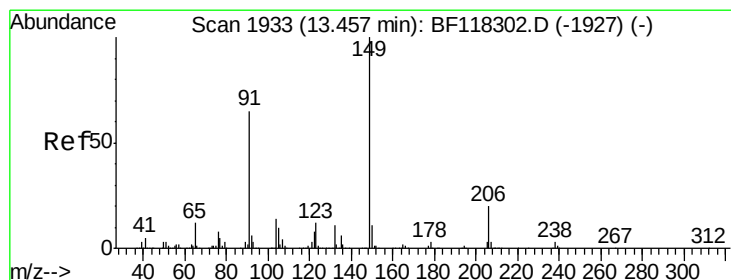
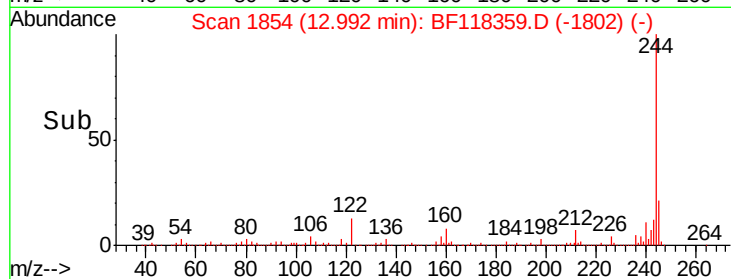
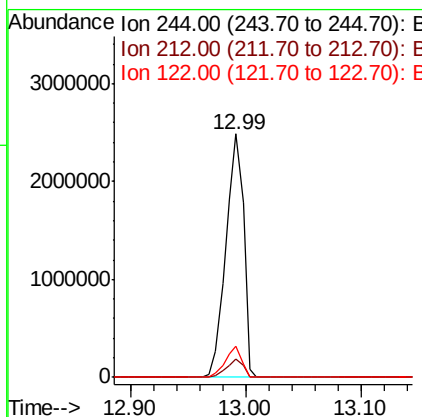
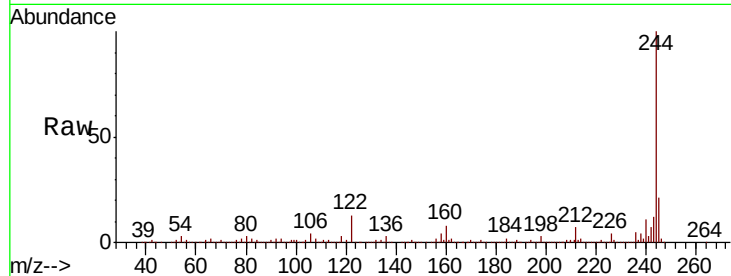




#79
 Terphenyl-d14
 Concen: 85.761 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. 0.01 min
 Lab File: BF118359.D
 Acq: 28 Dec 2019 12:17

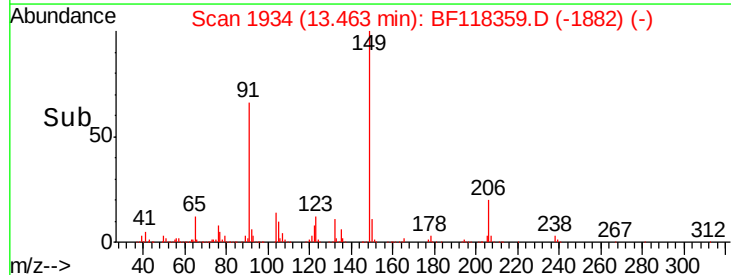
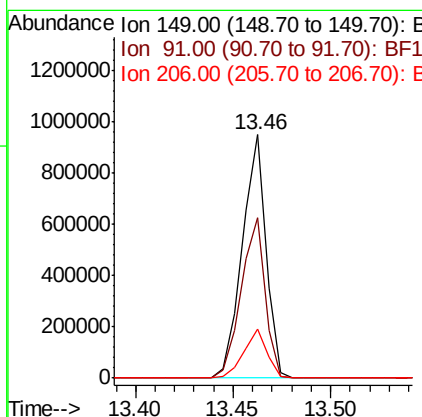
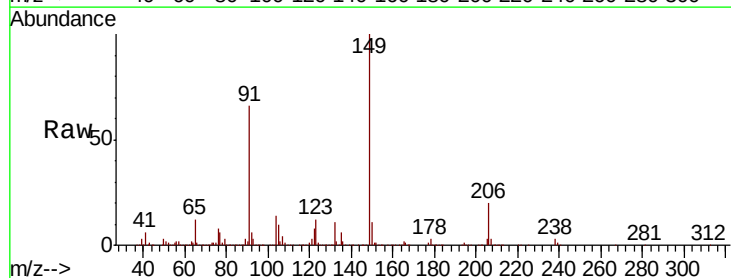
Instrument :
 BNA_F
 ClientSampleId :

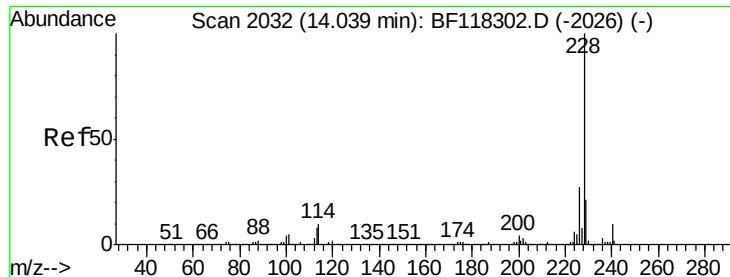
Tot Ion:244 Resp: 2635224
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.2
 122 12.5 7.8 11.8#



#80
 Butylbenzylphthalate
 Concen: 42.761 ng
 RT: 13.46 min Scan# 1934
 Delta R.T. 0.01 min
 Lab File: BF118359.D
 Acq: 28 Dec 2019 12:17

Tgt Ion:149 Resp: 801507
 Ion Ratio Lower Upper
 149 100
 91 65.7 51.8 77.6
 206 20.1 15.7 23.5





#81

Benzo(a)anthracene

Concen: 39.435 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BF118359.D

Acq: 28 Dec 2019 12:17

Instrument :

BNA_F

ClientSampleId :

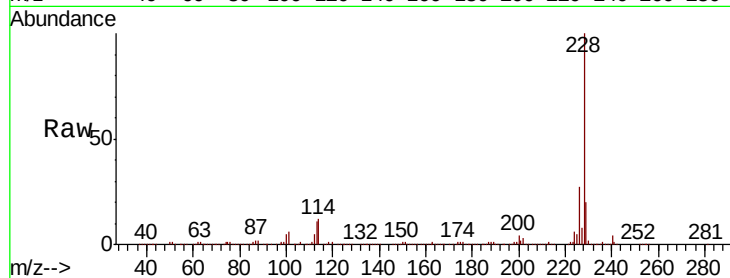
Tot Ion:228 Resp: 1407161

Ion Ratio Lower Upper

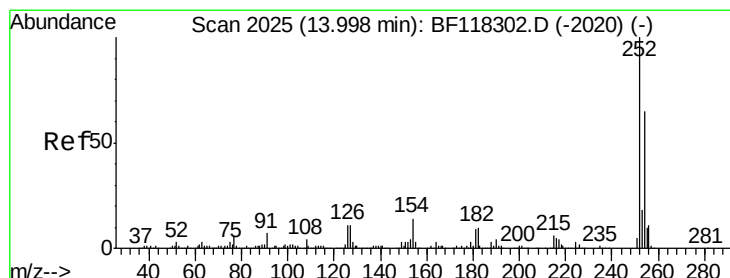
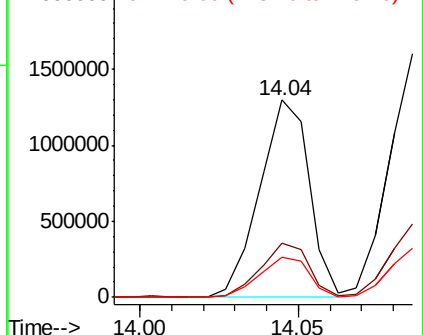
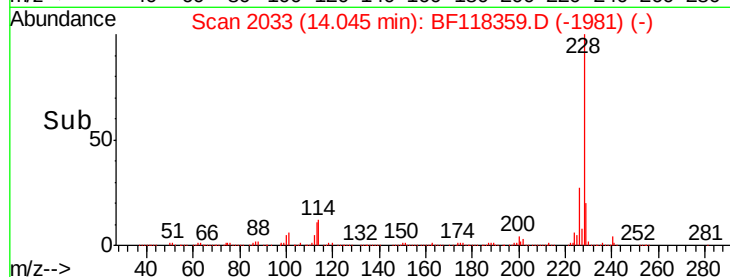
228 100

226 27.2 22.0 33.0

229 20.4 16.6 24.8



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



#82

3,3'-Dichlorobenzidine

Concen: 35.012 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF118359.D

Acq: 28 Dec 2019 12:17

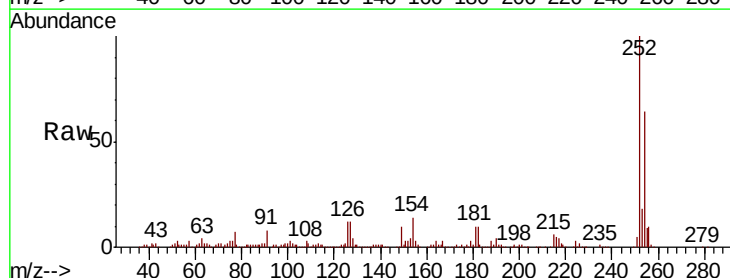
Tgt Ion:252 Resp: 423596

Ion Ratio Lower Upper

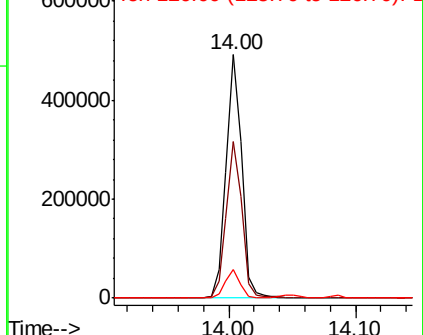
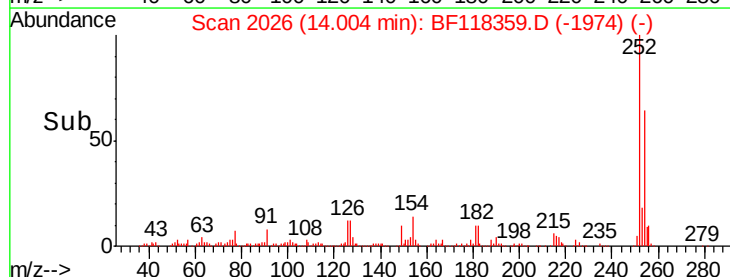
252 100

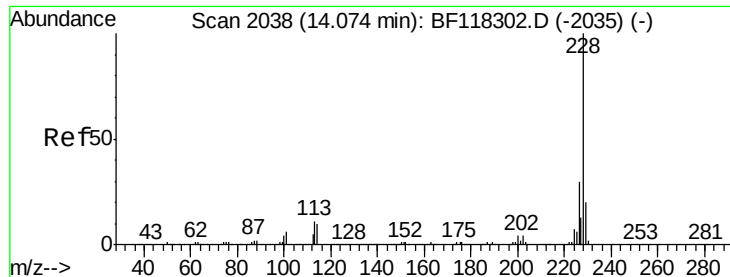
254 64.1 51.8 77.8

126 11.7 8.7 13.1



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





#83

Chrysene

Concen: 38.929 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.01 min

Lab File: BF118359.D

Acq: 28 Dec 2019 12:17

Instrument :

BNA_F

ClientSampleId :

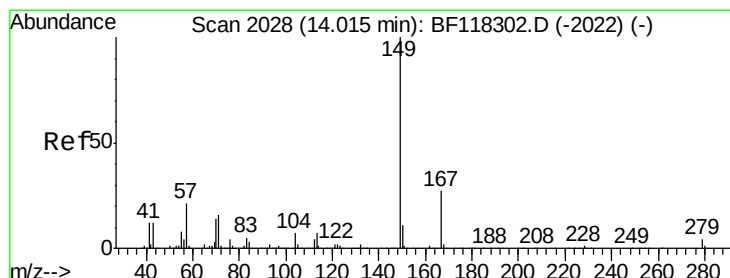
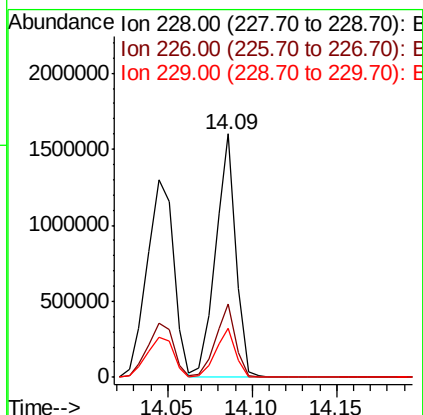
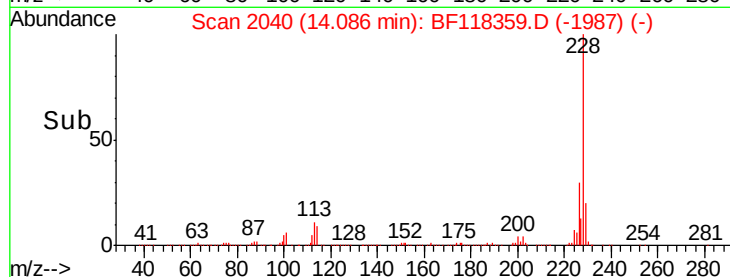
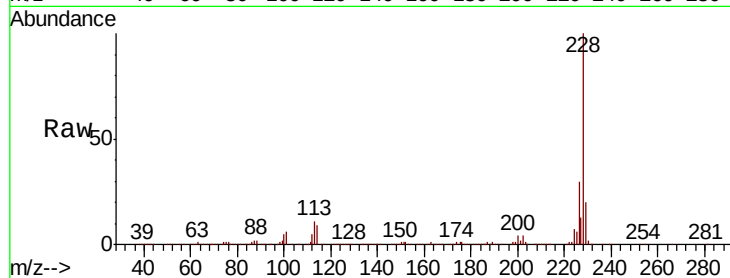
Tot Ion:228 Resp: 1330106

Ion Ratio Lower Upper

228 100

226 30.2 23.9 35.9

229 20.2 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.550 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BF118359.D

Acq: 28 Dec 2019 12:17

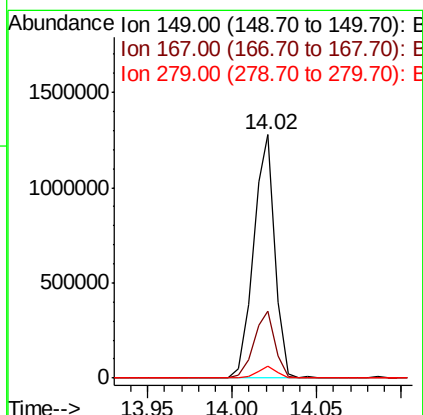
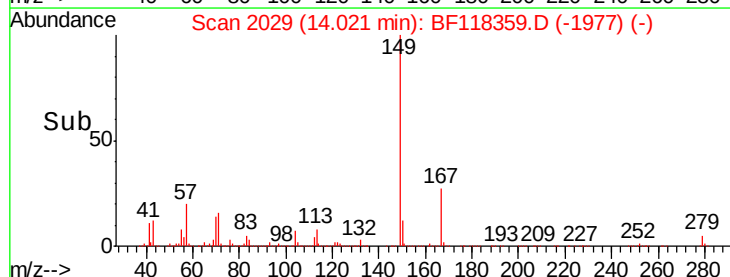
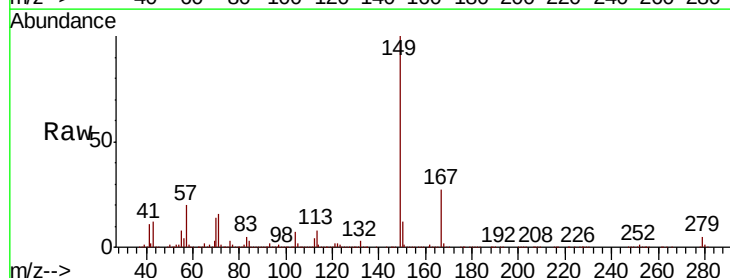
Tgt Ion:149 Resp: 1122660

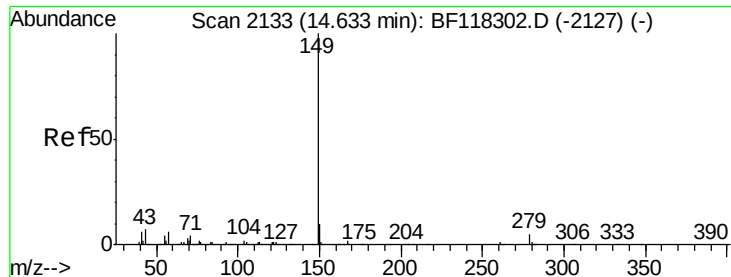
Ion Ratio Lower Upper

149 100

167 27.5 21.3 31.9

279 4.8 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 47.952 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.00 min

Lab File: BF118359.D

Acq: 28 Dec 2019 12:17

Instrument :

BNA_F

ClientSampleId :

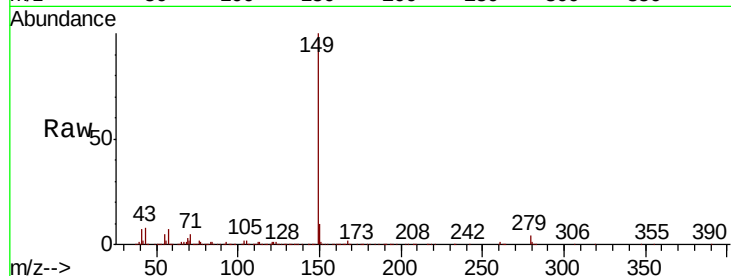
Tot Ion:149 Resp: 1738496

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

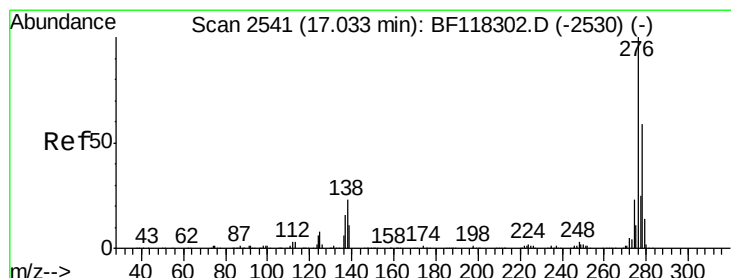
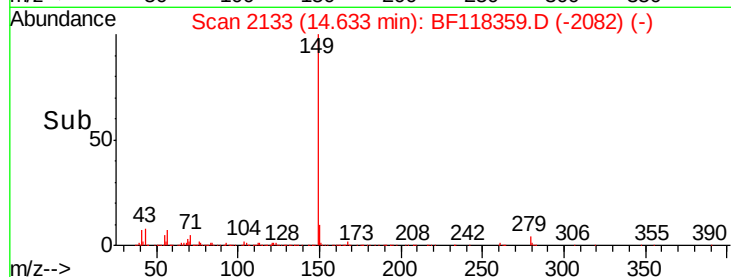
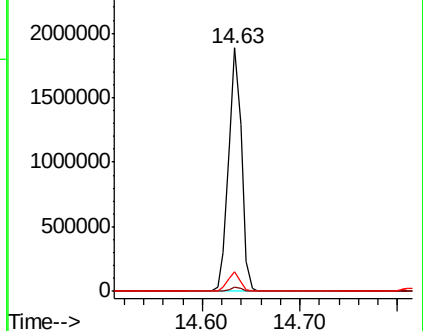
43 7.5 6.1 9.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.459 ng

RT: 17.07 min Scan# 2547

Delta R.T. 0.04 min

Lab File: BF118359.D

Acq: 28 Dec 2019 12:17

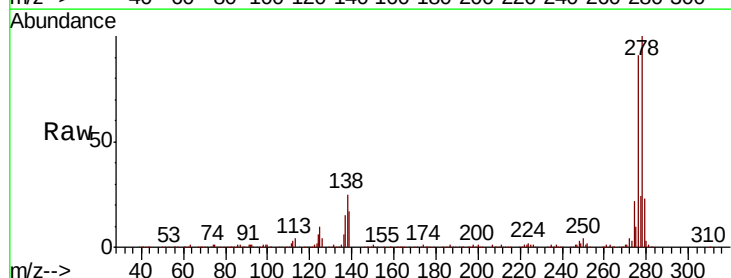
Tgt Ion:276 Resp: 1061420

Ion Ratio Lower Upper

276 100

138 24.9 19.5 29.3

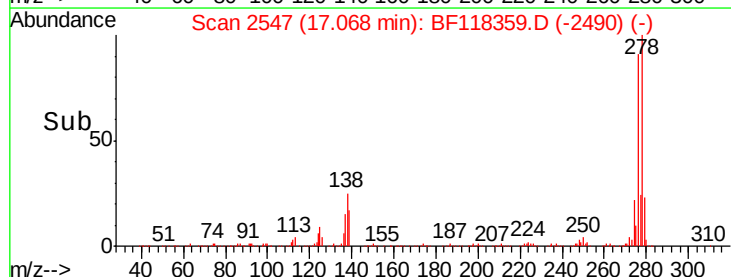
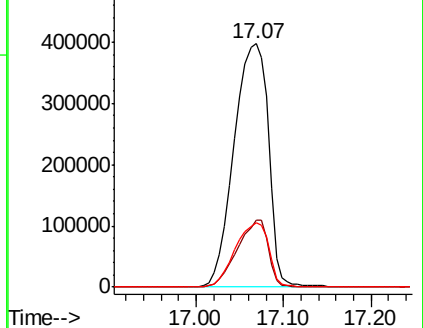
277 25.8 20.6 30.8

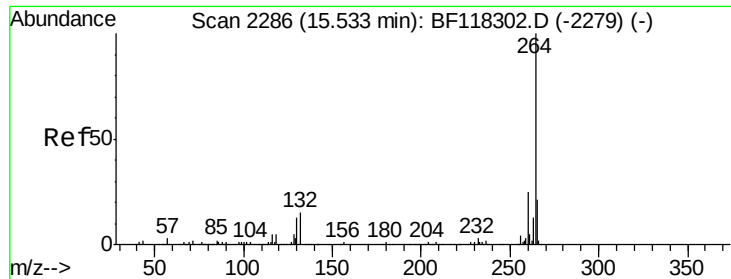


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

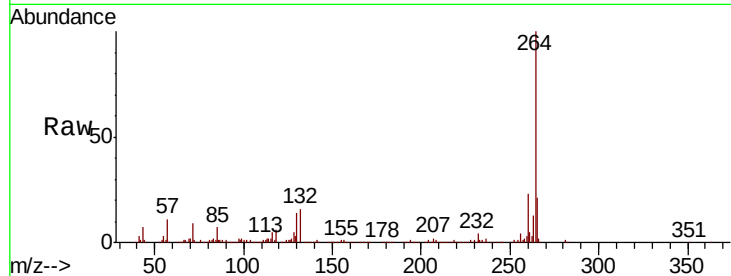




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.8	29.6
265	21.4	17.0	25.4

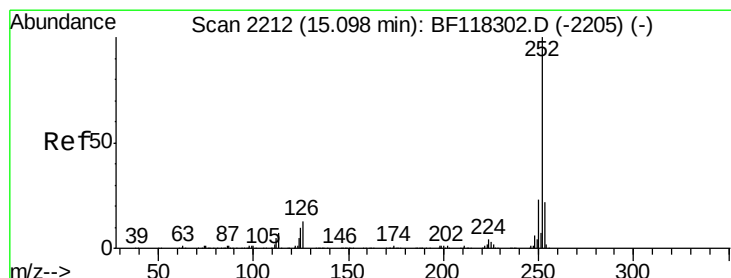
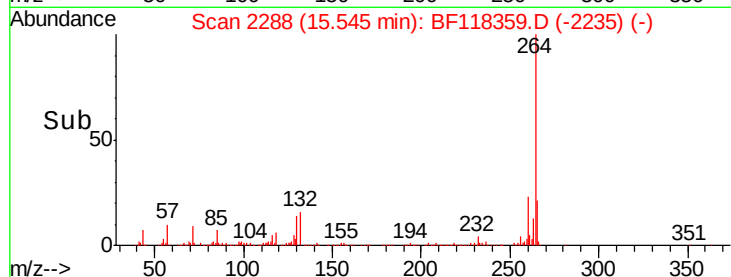
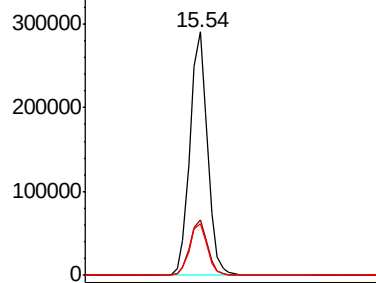


Abundance

Ion 264.00 (263.70 to 264.70): E

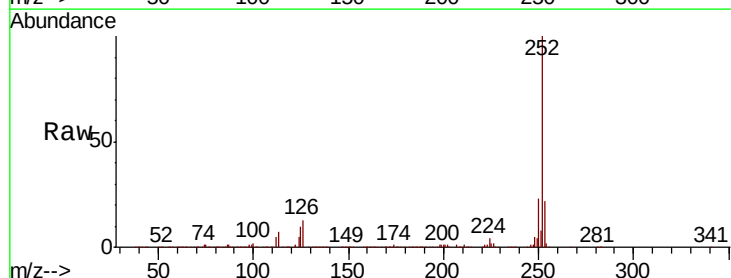
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 46.122 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	9.8	7.7	11.5

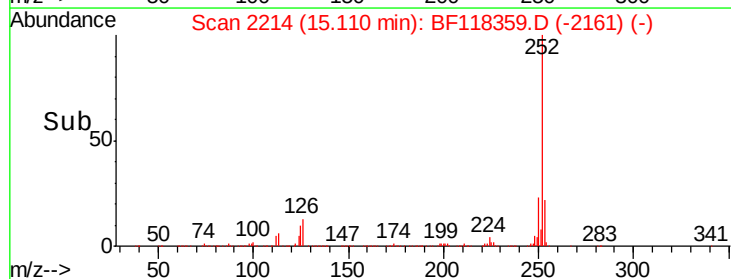
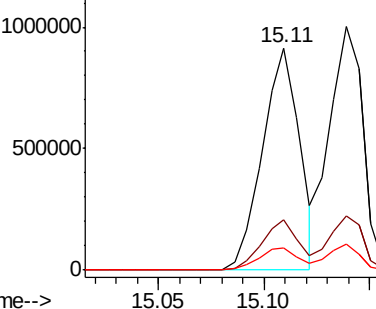


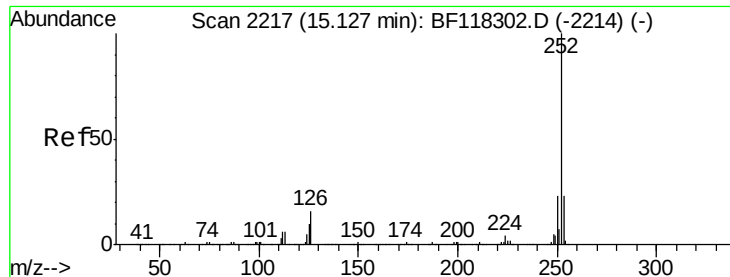
Abundance

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

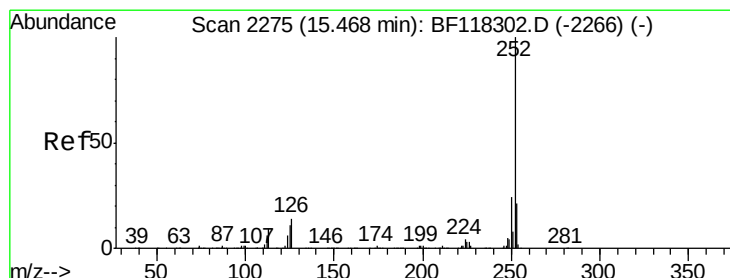
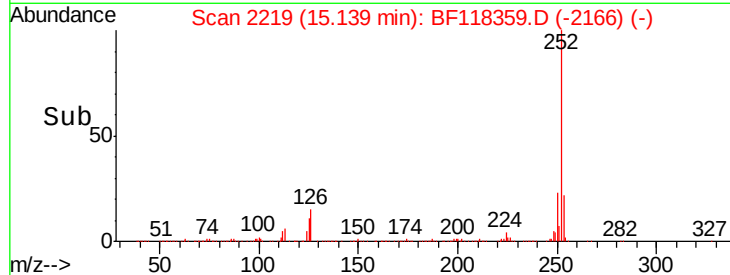
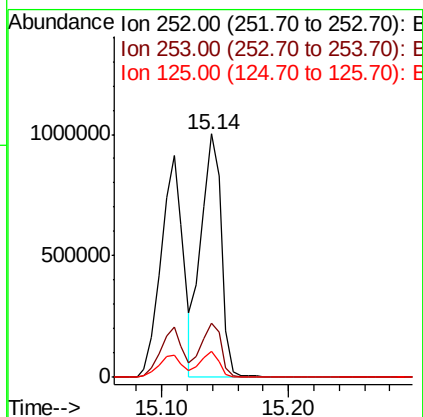
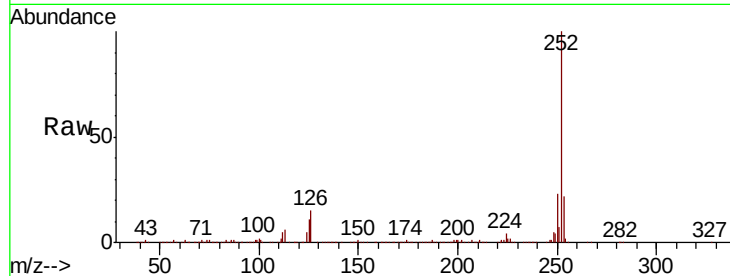




#89
Benzo(k)fluoranthene
Concen: 47.842 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

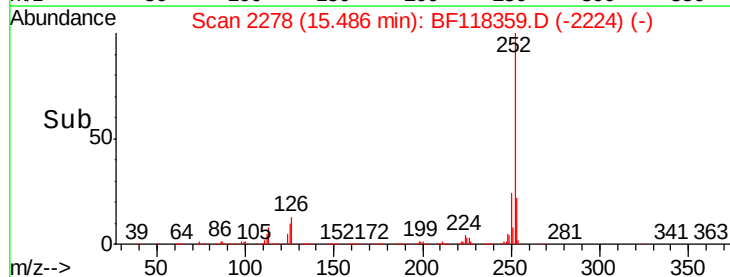
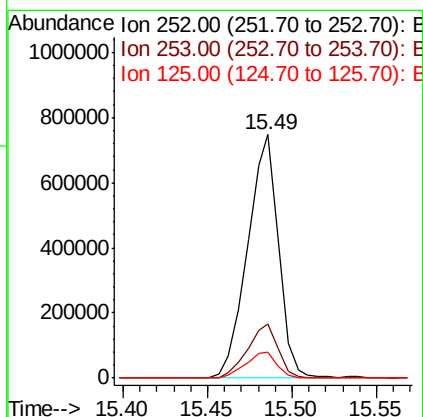
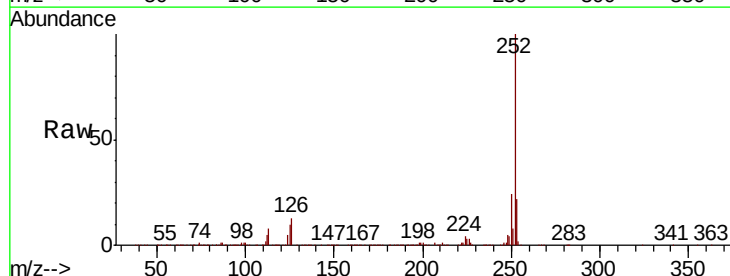
Instrument :
BNA_F
ClientSampleId :

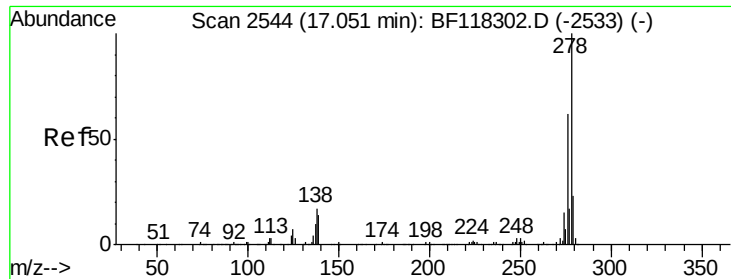
Tot Ion:252 Resp: 1112117
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 10.8 8.0 12.0



#90
Benzo(a)pyrene
Concen: 44.758 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.02 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Tgt Ion:252 Resp: 954541
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.6
125 10.5 9.0 13.4



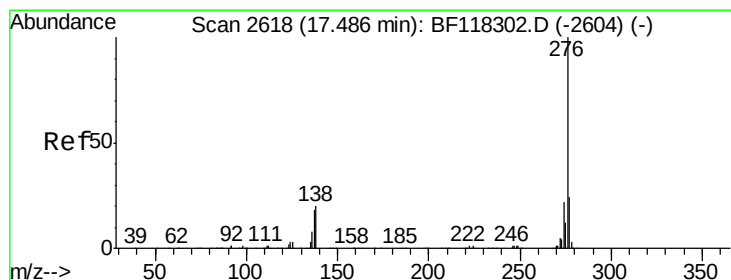
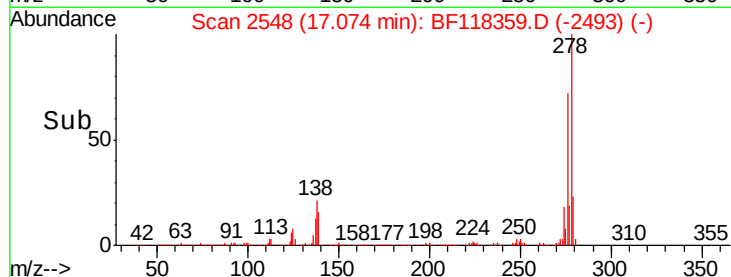
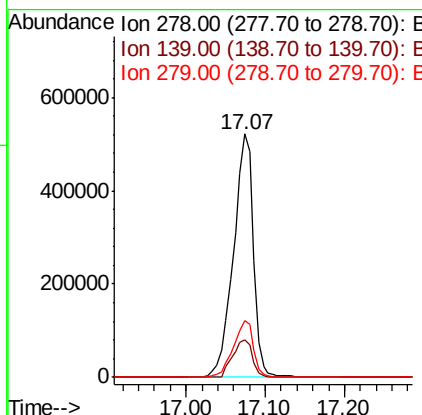
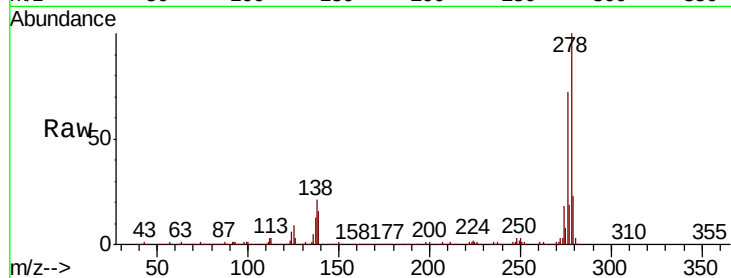


#91
Dibenzo(a,h)anthracene
Concen: 49.225 ng
RT: 17.07 min Scan# 2548
Delta R.T. 0.02 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 911010

Ion	Ratio	Lower	Upper
278	100		
139	15.6	11.5	17.3
279	23.2	18.3	27.5



#92
Benzo(g,h,i)perylene
Concen: 49.564 ng
RT: 17.52 min Scan# 2624
Delta R.T. 0.04 min
Lab File: BF118359.D
Acq: 28 Dec 2019 12:17

Tgt Ion:276 Resp: 886098

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.1	28.7
138	21.8	16.1	24.1

