

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
 Data File : BF118998.D
 Acq On : 21 Feb 2020 17:52
 Operator : CG/JU
 Sample : L1613-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 24 02:20:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	159108	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	557088	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	263677	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	439533	20.00	ng	0.00
76) Chrysene-d12	13.92	240	345944	20.00	ng	0.00
87) Perylene-d12	15.34	264	323557	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	937765	98.50	ng	0.00
7) Phenol-d6	6.40	99	1115905	96.37	ng	0.00
23) Nitrobenzene-d5	7.32	82	711031	67.39	ng	0.00
42) 2,4,6-Tribromophenol	10.58	330	313723	90.95	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	1306270	72.98	ng	0.00
79) Terphenyl-d14	12.86	244	1316299	65.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	153937	36.315	ng	99
3) Pyridine	3.25	79	391732	33.838	ng	99
4) n-Nitrosodimethylamine	3.19	42	147104	41.947	ng	96
6) Aniline	6.42	93	251246	17.585	ng	# 1
8) 2-Chlorophenol	6.55	128	446949	43.500	ng	97
9) Benzaldehyde	6.30	77	191047	24.696	ng	99
10) Phenol	6.42	94	510148	40.750	ng	95
11) bis(2-Chloroethyl)ether	6.49	93	411139	42.922	ng	97
12) 1,3-Dichlorobenzene	6.70	146	492058	39.957	ng	99
13) 1,4-Dichlorobenzene	6.77	146	501086	40.662	ng	99
14) 1,2-Dichlorobenzene	6.93	146	467780	41.622	ng	98
15) Benzyl Alcohol	6.90	79	364958	43.611	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	333613	40.206	ng	89
17) 2-Methylphenol	7.02	107	347455	41.710	ng	97
18) Hexachloroethane	7.27	117	162122	36.772	ng	100
19) n-Nitroso-di-n-propylamine	7.17	70	284648	42.189	ng	98
20) 3+4-Methylphenols	7.17	107	426724	41.812	ng	# 77
22) Acetophenone	7.17	105	574337	44.558	ng	96
24) Nitrobenzene	7.34	77	433850	41.581	ng	100
25) Isophorone	7.58	82	783225	42.744	ng	100
26) 2-Nitrophenol	7.66	139	235132	42.532	ng	98
27) 2,4-Dimethylphenol	7.70	122	358875	47.831	ng	97
28) bis(2-Chloroethoxy)methane	7.79	93	487595	40.882	ng	99
29) 2,4-Dichlorophenol	7.90	162	360933	40.863	ng	100
30) 1,2,4-Trichlorobenzene	7.98	180	411381	39.282	ng	99
31) Naphthalene	8.06	128	1189702	41.178	ng	99
32) Benzoic acid	7.83	122	175389	34.258	ng	97
33) 4-Chloroaniline	8.11	127	150204	12.087	ng	98
34) Hexachlorobutadiene	8.18	225	253928	38.927	ng	98
35) Caprolactam	8.47	113	73979	27.201	ng	96
36) 4-Chloro-3-methylphenol	8.60	107	352728	39.459	ng	98
37) 2-Methylnaphthalene	8.75	142	786730	40.463	ng	99
38) 1-Methylnaphthalene	8.85	142	730980	39.976	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	388597	43.711	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	47708	22.406	ng	99
43) 2,4,6-Trichlorophenol	9.03	196	244749	43.596	ng	100
44) 2,4,5-Trichlorophenol	9.08	196	252398	42.844	ng	97
46) 1,1'-Biphenyl	9.22	154	916274	42.996	ng	99
47) 2-Chloronaphthalene	9.24	162	719067	41.872	ng	99
48) 2-Nitroaniline	9.33	65	191599	40.001	ng	97
49) Acenaphthylene	9.66	152	1067857	43.054	ng	99
50) Dimethylphthalate	9.52	163	1039025	51.532	ng	99
51) 2,6-Dinitrotoluene	9.58	165	187733	41.908	ng	92
52) Acenaphthene	9.83	154	615744	41.171	ng	99
53) 3-Nitroaniline	9.75	138	98780	19.891	ng	96
54) 2,4-Dinitrophenol	9.86	184	44699	26.087	ng	94
55) Dibenzofuran	10.00	168	935050	41.887	ng	98
56) 4-Nitrophenol	9.92	139	253140	84.839	ng	98
57) 2,4-Dinitrotoluene	9.99	165	232536	40.048	ng	98
58) Fluorene	10.34	166	711360	41.010	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.12	232	195057	39.240	ng	100
60) Diethylphthalate	10.22	149	804569	42.343	ng	99
61) 4-Chlorophenyl-phenylether	10.33	204	378423	41.215	ng	95
62) 4-Nitroaniline	10.36	138	140746	27.701	ng	97
63) Azobenzene	10.49	77	664907	40.258	ng	96
65) 4,6-Dinitro-2-methylphenol	10.40	198	49590	18.645	ng	98
66) n-Nitrosodiphenylamine	10.45	169	647485	44.989	ng	98
67) 4-Bromophenyl-phenylether	10.82	248	239841	41.746	ng	95
68) Hexachlorobenzene	10.89	284	262908	39.690	ng	100
69) Atrazine	10.98	200	220514	43.854	ng	97
70) Pentachlorophenol	11.09	266	248490	93.127	ng	98
71) Phenanthrene	11.30	178	1008431	42.071	ng	100
72) Anthracene	11.35	178	1026403	42.856	ng	99
73) Carbazole	11.50	167	895390	41.965	ng	99
74) Di-n-butylphthalate	11.83	149	1142966	44.235	ng	99
75) Fluoranthene	12.49	202	1079130	42.413	ng	99
77) Benzidine	12.61	184	742147	52.750	ng	98
78) Pyrene	12.72	202	1082757	38.978	ng	100
80) Butylbenzylphthalate	13.33	149	460283	39.370	ng	99
81) Benzo(a)anthracene	13.90	228	978184	41.499	ng	99
82) 3,3'-Dichlorobenzidine	13.86	252	376613	41.147	ng	99
83) Chrysene	13.94	228	943378	40.166	ng	100
84) Bis(2-ethylhexyl)phthalate	13.89	149	642573	43.504	ng	100
85) Di-n-octyl phthalate	14.50	149	1075526	45.702	ng	100
86) Indeno(1,2,3-cd)pyrene	16.75	276	763826	33.587	ng	98
88) Benzo(b)fluoranthene	14.93	252	913841	42.849	ng	99
89) Benzo(k)fluoranthene	14.96	252	864225	43.727	ng	99
90) Benzo(a)pyrene	15.28	252	770073	40.007	ng	99
91) Dibenzo(a,h)anthracene	16.76	278	646859	38.194	ng	98
92) Benzo(g,h,i)perylene	17.17	276	609816	36.442	ng	99

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

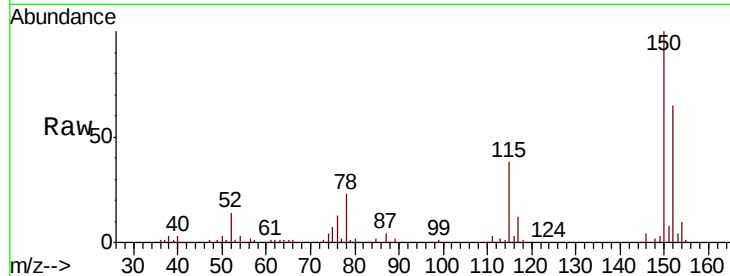


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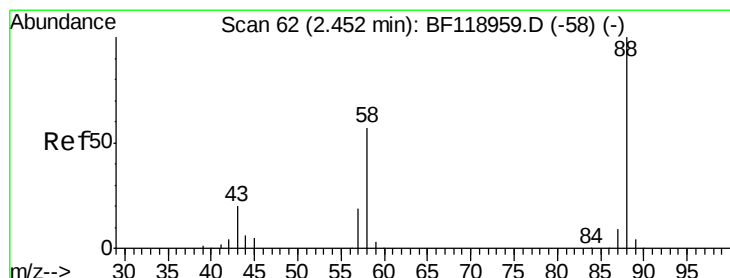
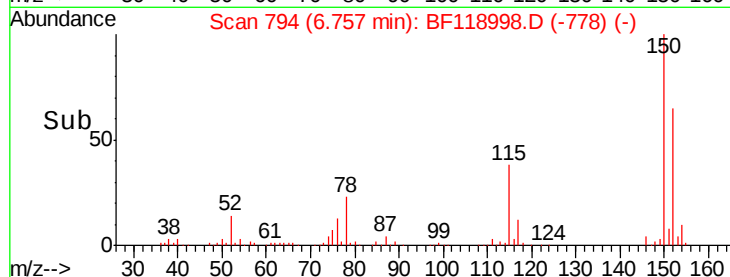
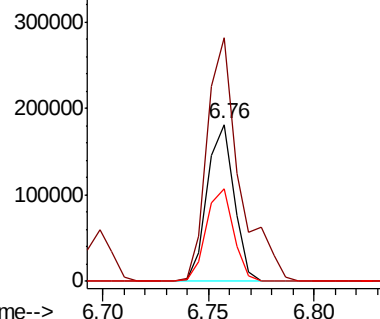
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 159108
Ion Ratio Lower Upper
152 100
150 155.0 124.3 186.5
115 58.7 44.6 67.0



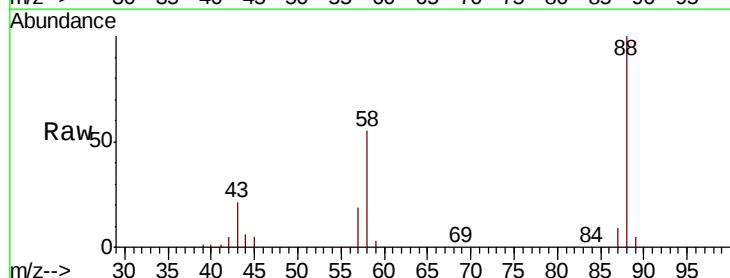
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



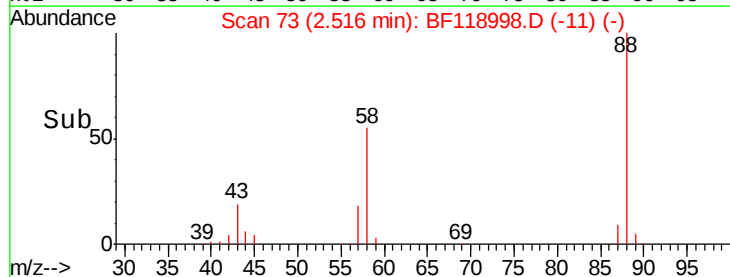
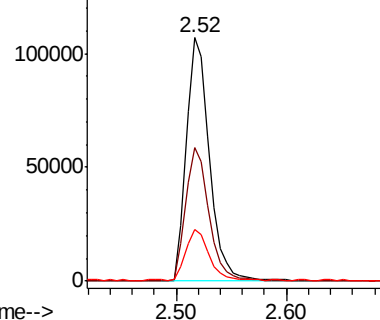
#2

1,4-Dioxane
Concen: 36.315 ng
RT: 2.52 min Scan# 73
Delta R.T. 0.06 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Tgt Ion: 88 Resp: 153937
Ion Ratio Lower Upper
88 100
58 55.4 44.6 66.8
43 20.9 16.0 24.0



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





#3

Pvridine

Concen: 33.838 ng

RT: 3.25 min Scan# 198

Delta R.T. 0.07 min

Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

Instrument :

BNA_F

ClientSampleId :

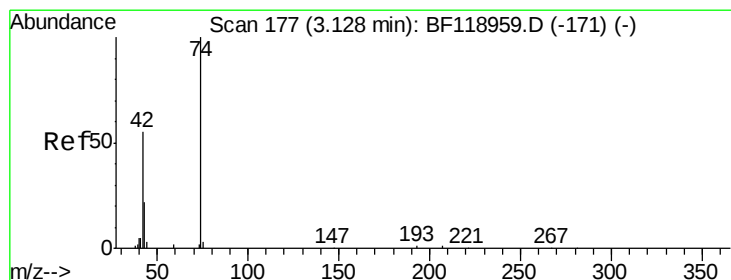
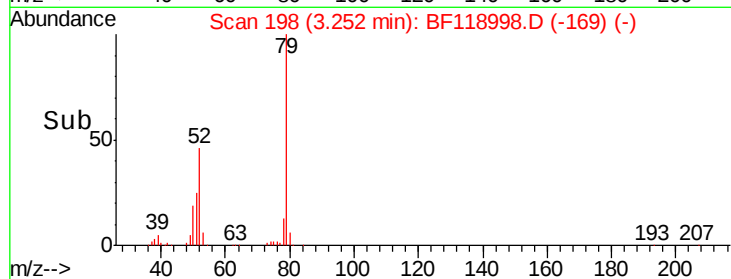
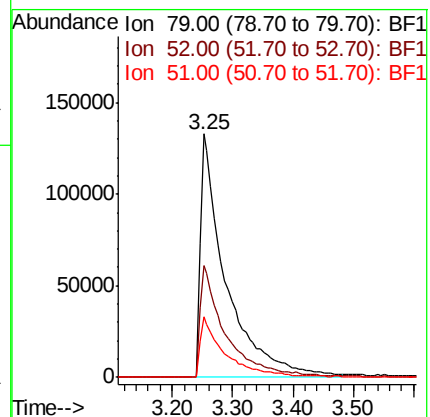
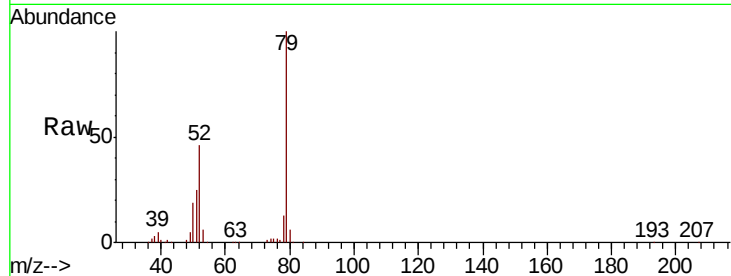
Tot Ion: 79 Resp: 391732

Ion Ratio Lower Upper

79 100

52 46.1 36.3 54.5

51 24.8 19.5 29.3



#4

n-Nitrosodimethylamine

Concen: 41.947 ng

RT: 3.19 min Scan# 187

Delta R.T. 0.06 min

Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

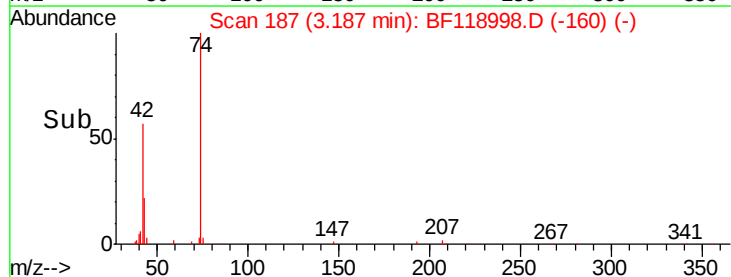
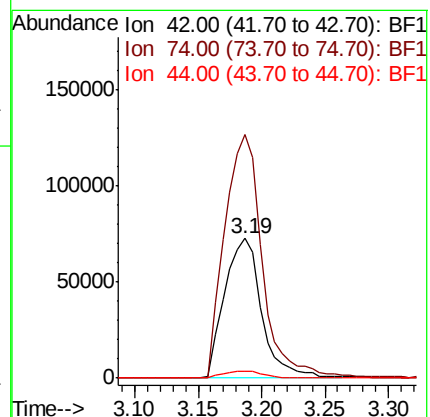
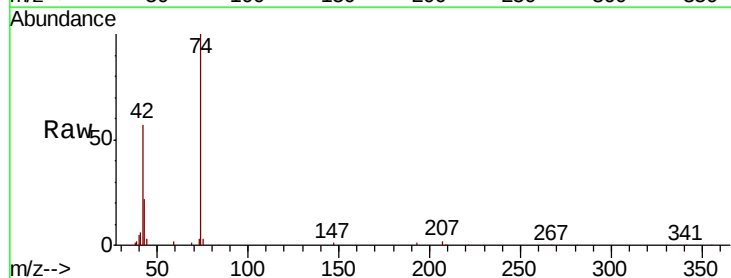
Tgt Ion: 42 Resp: 147104

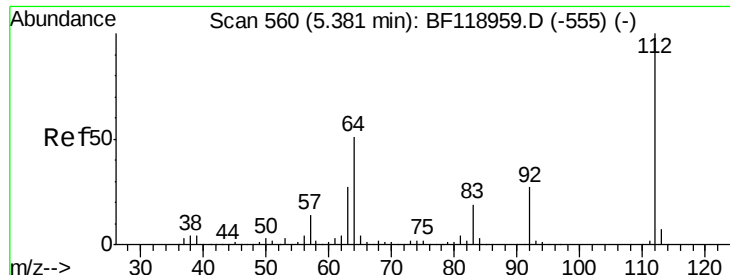
Ion Ratio Lower Upper

42 100

74 174.4 144.4 216.6

44 5.3 4.5 6.7

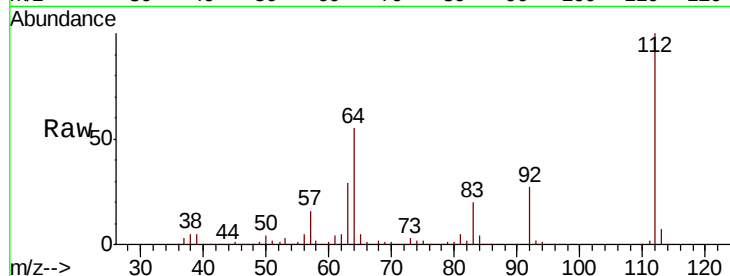




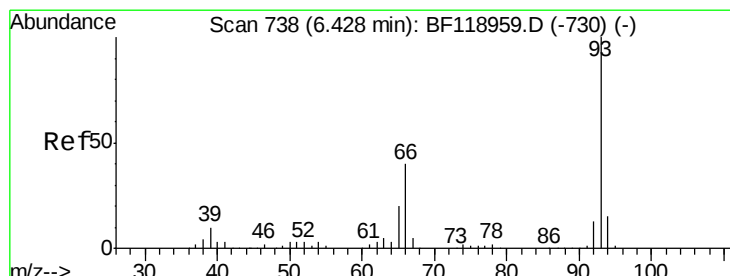
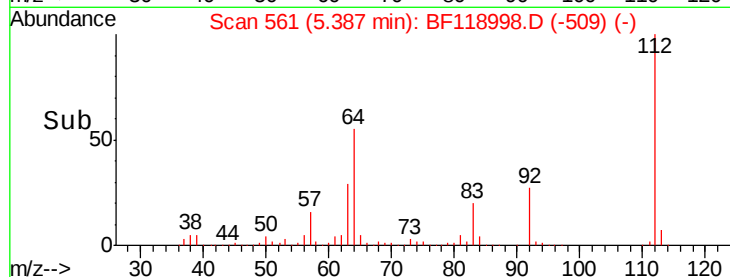
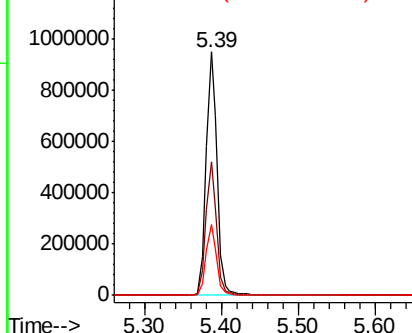
#5
2-Fluorophenol
Concen: 98.497 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Instrument :
BNA_F
ClientSampled :

Tot Ion: 112 Resp: 937765
Ion Ratio Lower Upper
112 100
64 54.9 40.4 60.6
63 29.2 21.3 31.9

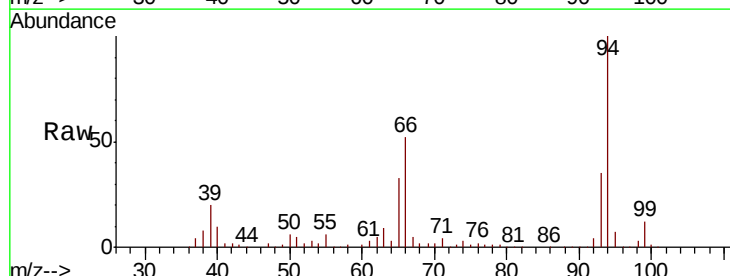


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

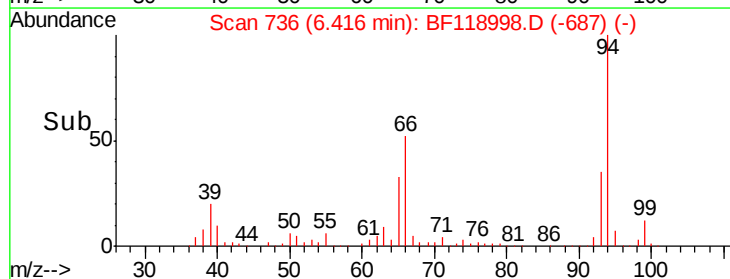
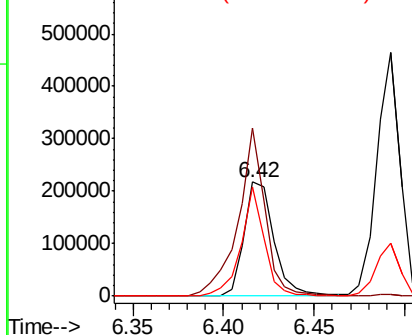


#6
Aniline
Concen: 17.585 ng
RT: 6.42 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Tgt Ion: 93 Resp: 251246
Ion Ratio Lower Upper
93 100
66 147.6 32.2 48.2#
65 95.2 16.1 24.1#



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: 96.374 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

Instrument :

BNA_F

ClientSampleId :

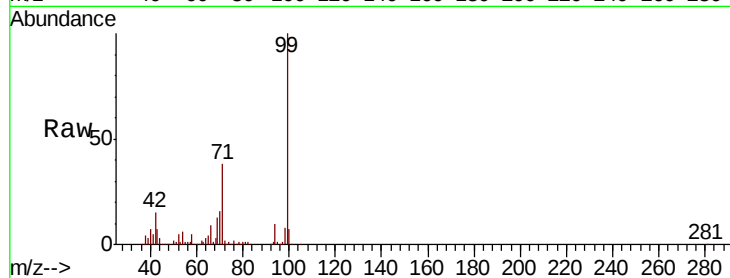
Tot Ion: 99 Resp: 1115905

Ion Ratio Lower Upper

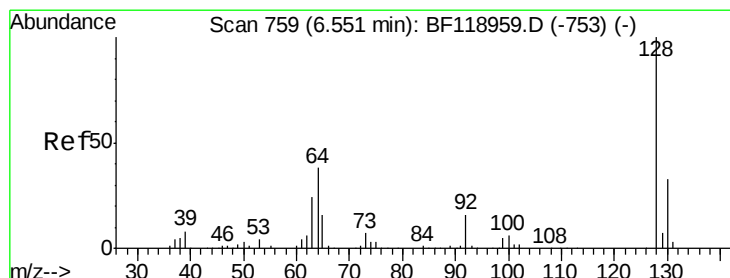
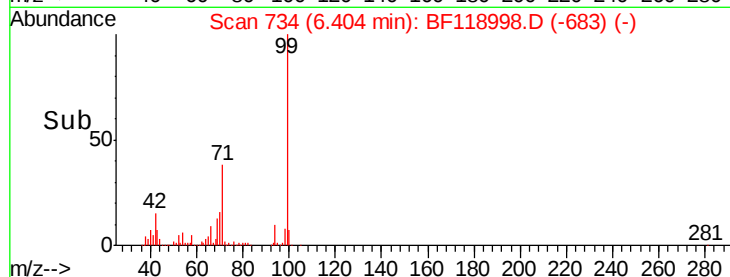
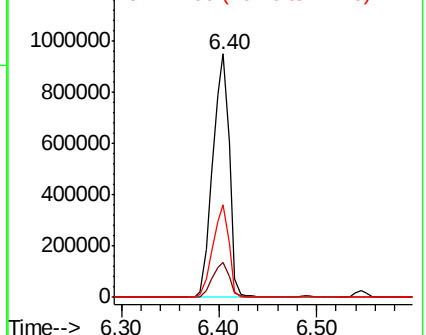
99 100

42 14.6 11.4 17.0

71 37.8 29.8 44.6



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: 43.500 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

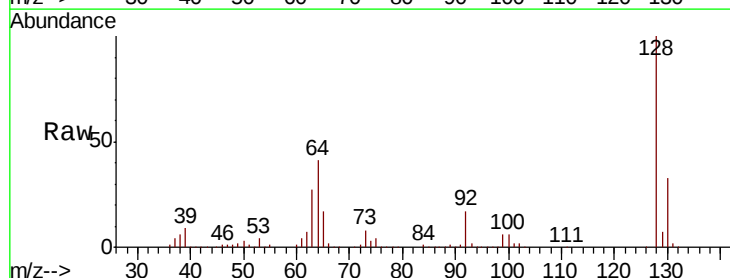
Tgt Ion: 128 Resp: 446949

Ion Ratio Lower Upper

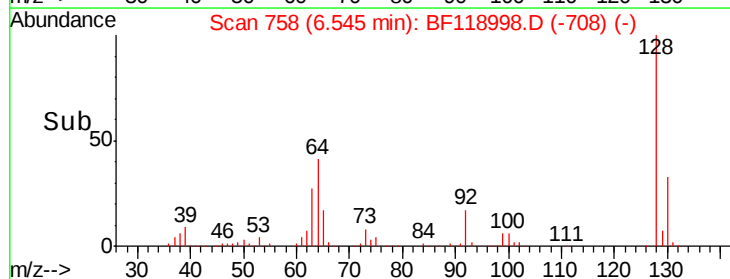
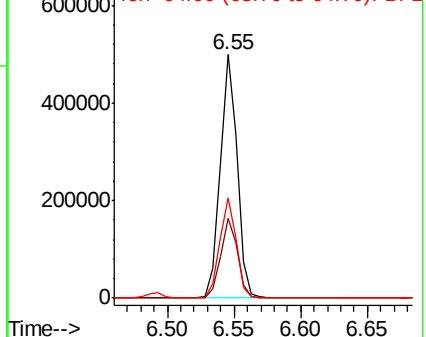
128 100

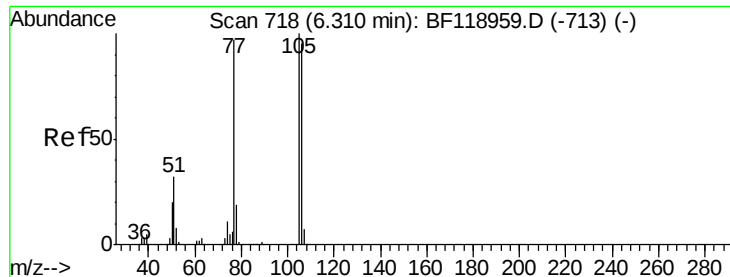
130 33.0 12.7 52.7

64 41.4 18.7 58.7



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: 24.696 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

Instrument :

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ClientSampleId :

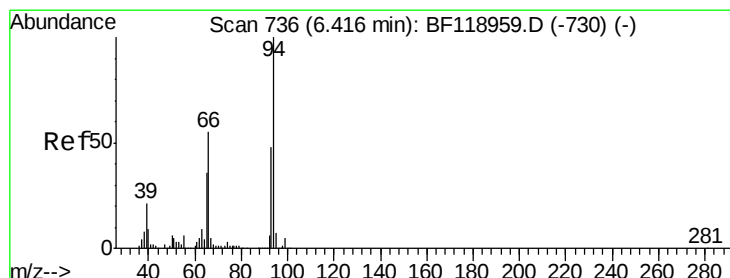
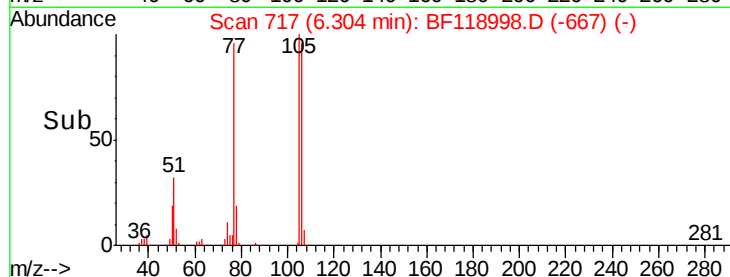
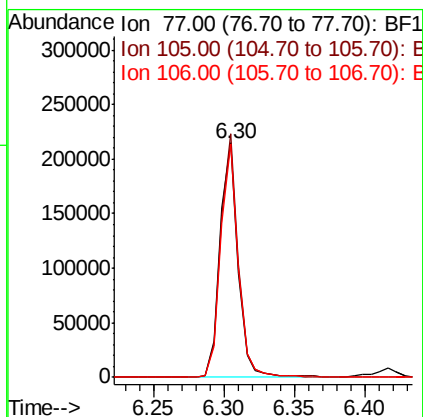
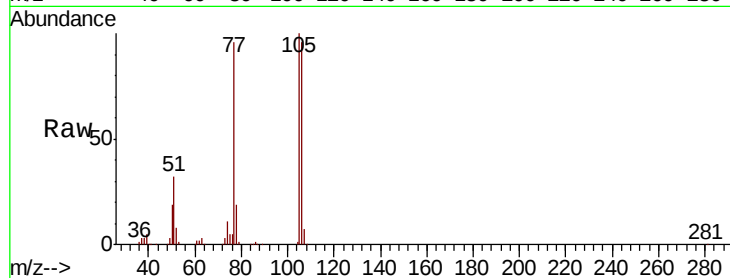
Tot Ion: 77 Resp: 191047

Ion Ratio Lower Upper

77 100

105 104.0 83.0 123.0

106 99.5 78.3 118.3



#10

Phenol

Concen: 40.750 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

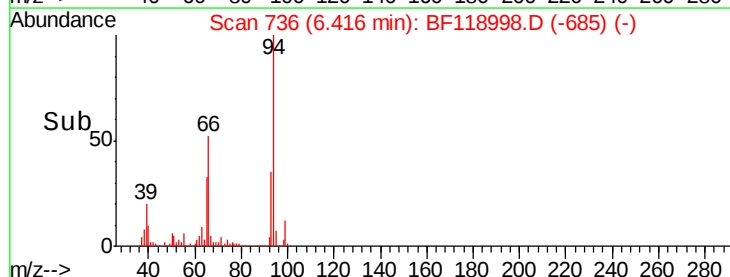
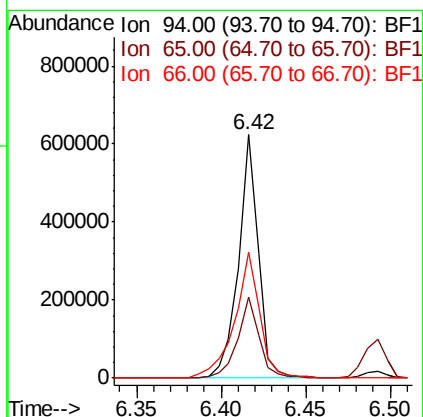
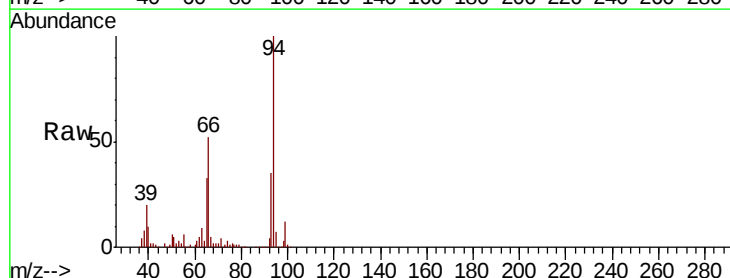
Tgt Ion: 94 Resp: 510148

Ion Ratio Lower Upper

94 100

65 33.3 15.5 55.5

66 51.5 35.6 75.6

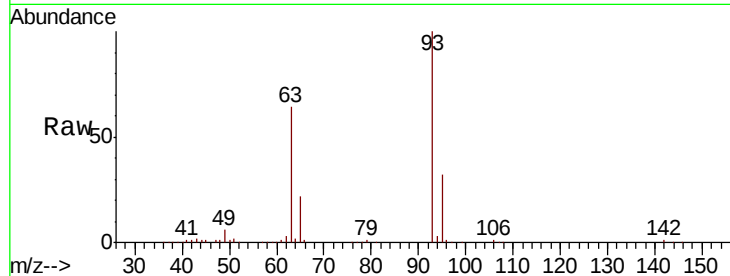




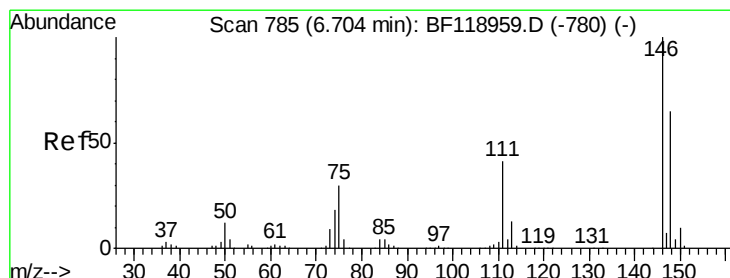
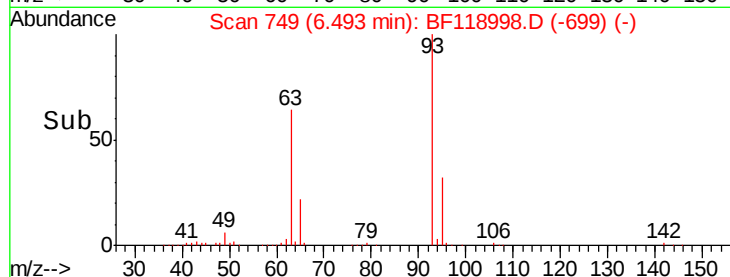
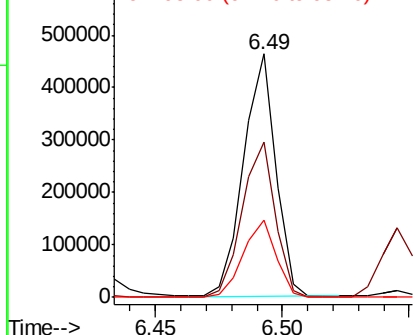
#11
bis(2-Chloroethyl)ether
Concen: 42.922 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Instrument :
BNA_F
ClientSampled :

Tot Ion: 93 Resp: 411139
Ion Ratio Lower Upper
93 100
63 63.9 46.8 86.8
95 31.9 12.7 52.7

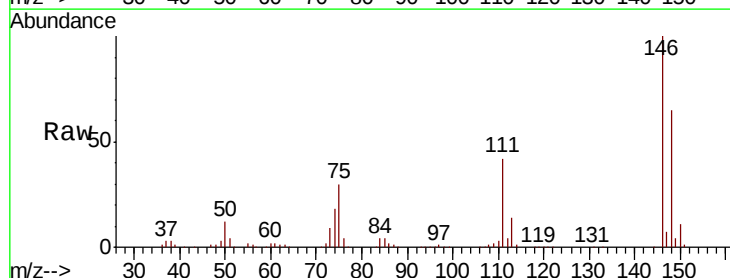


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

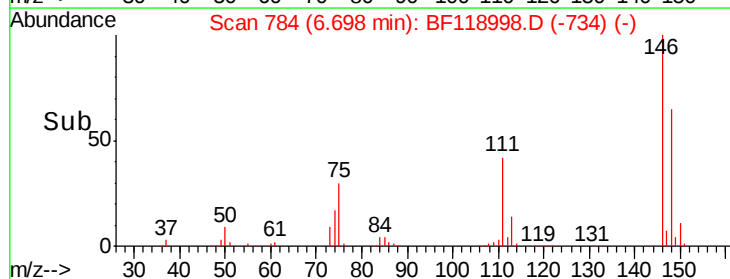
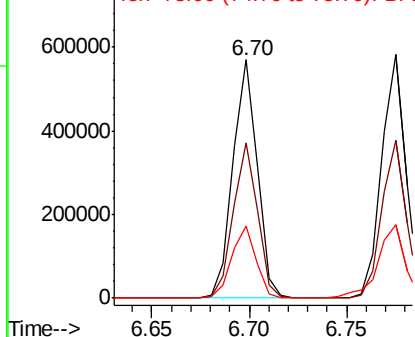


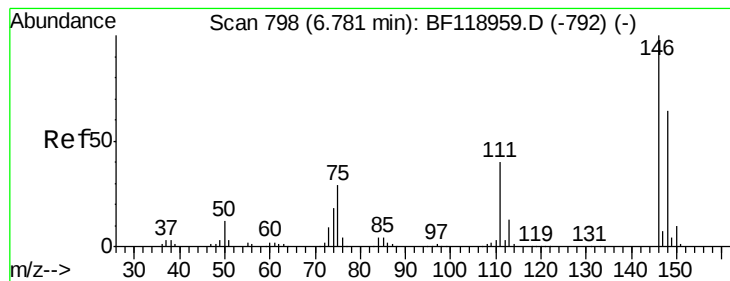
#12
1,3-Dichlorobenzene
Concen: 39.957 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Tgt Ion: 146 Resp: 492058
Ion Ratio Lower Upper
146 100
148 65.3 51.7 77.5
75 30.1 23.6 35.4



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: 40.662 ng

RT: 6.77 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

Instrument :

BNA_F

ClientSampleId :

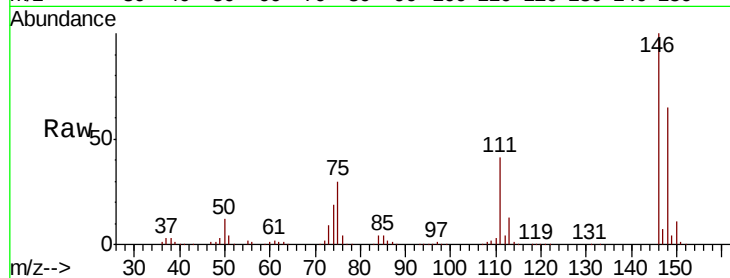
Tot Ion:146 Resp: 501086

Ion Ratio Lower Upper

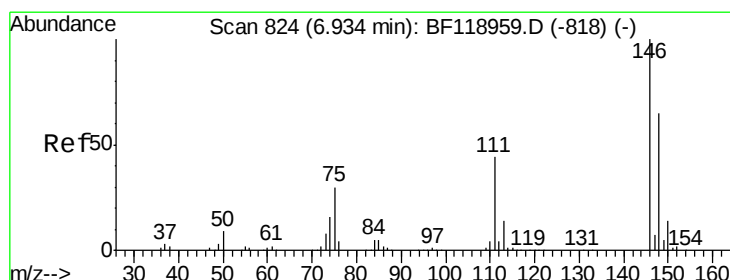
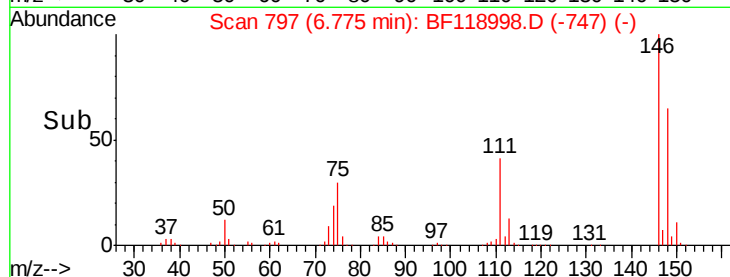
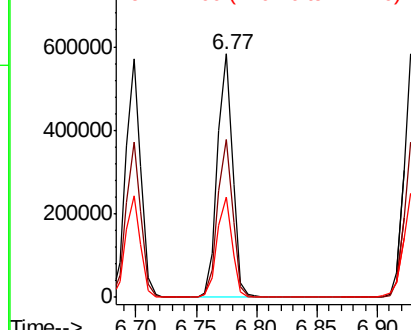
146 100

148 64.6 51.4 77.2

111 41.1 31.9 47.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.622 ng

RT: 6.93 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

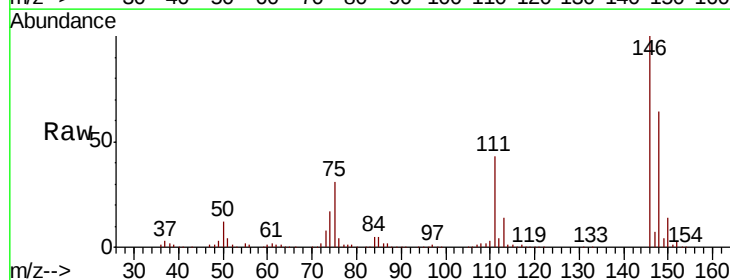
Tgt Ion:146 Resp: 467780

Ion Ratio Lower Upper

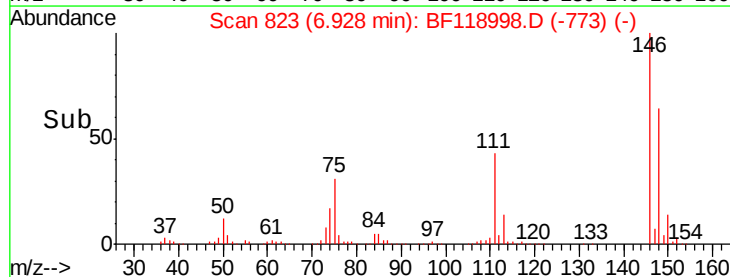
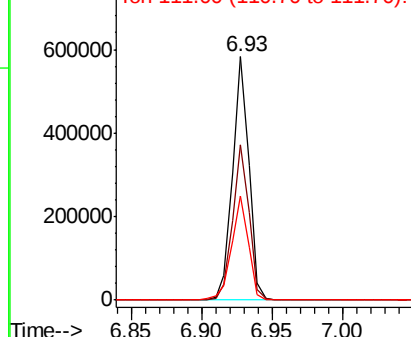
146 100

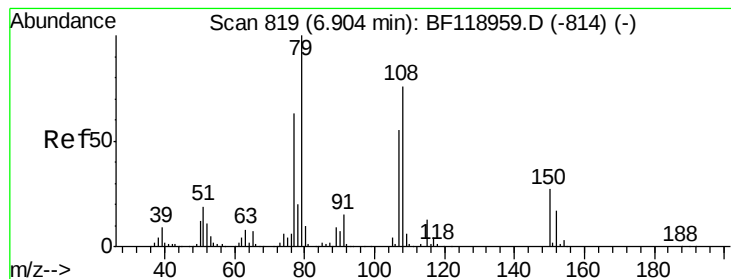
148 63.7 52.1 78.1

111 42.6 35.5 53.3



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.611 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

Instrument :

BNA_F

ClientSampleId :

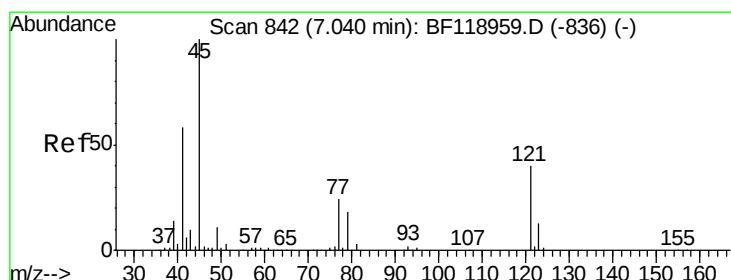
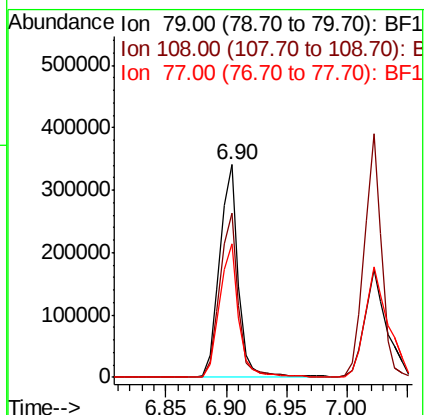
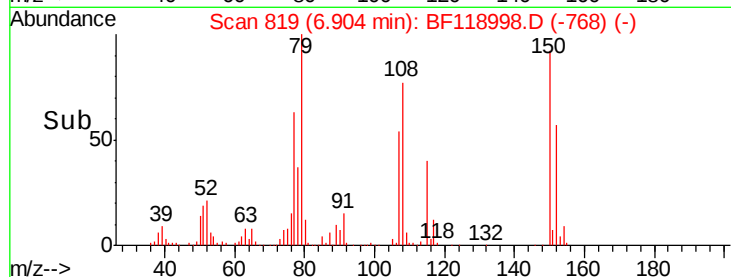
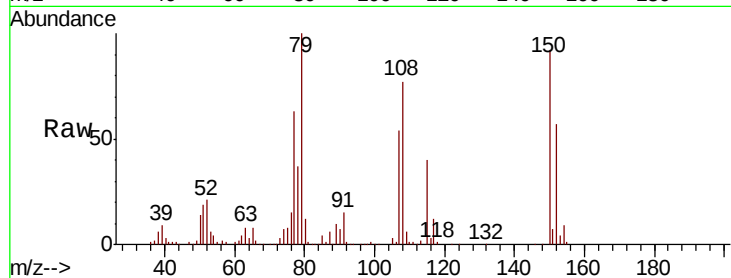
Tot Ion: 79 Resp: 364958

Ion Ratio Lower Upper

79 100

108 77.2 61.1 91.7

77 62.9 50.2 75.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.206 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

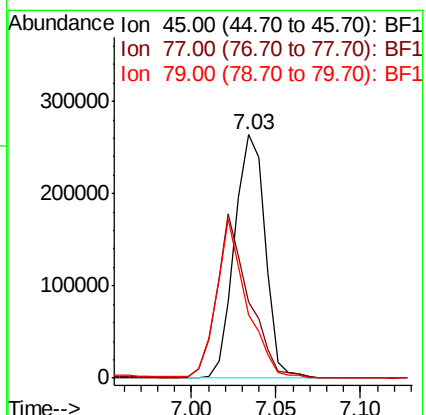
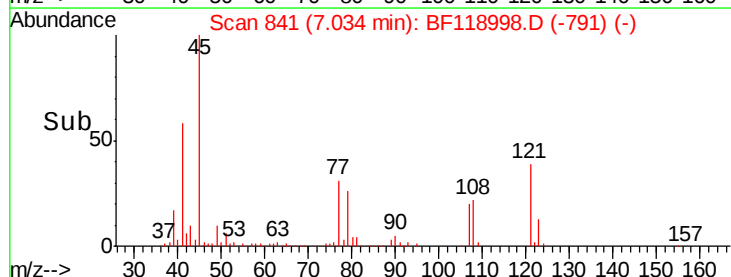
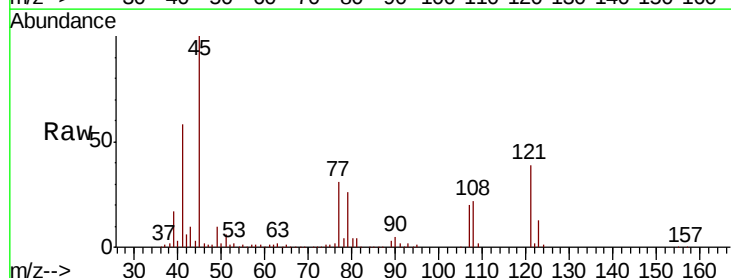
Tgt Ion: 45 Resp: 333613

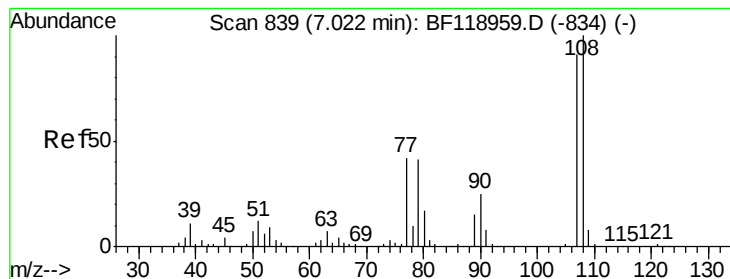
Ion Ratio Lower Upper

45 100

77 31.2 6.1 46.1

79 25.7 0.5 40.5

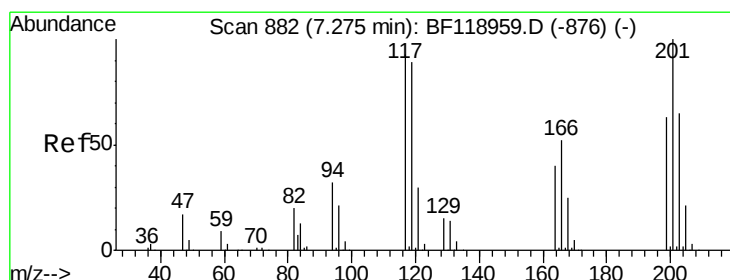
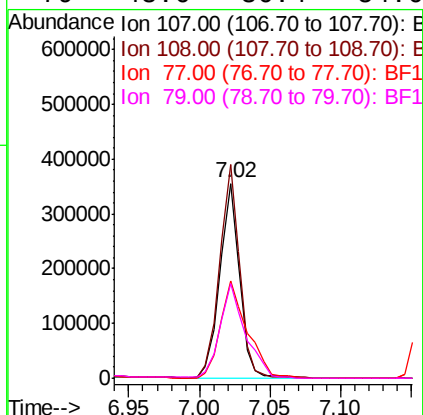
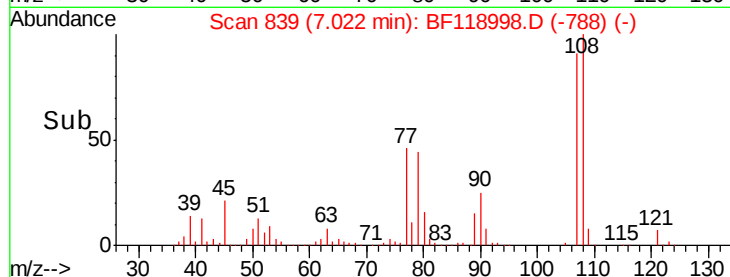
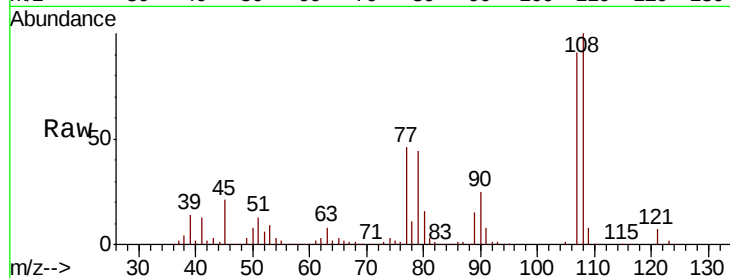




#17
2-Methylphenol
Concen: 41.710 ng
RT: 7.02 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

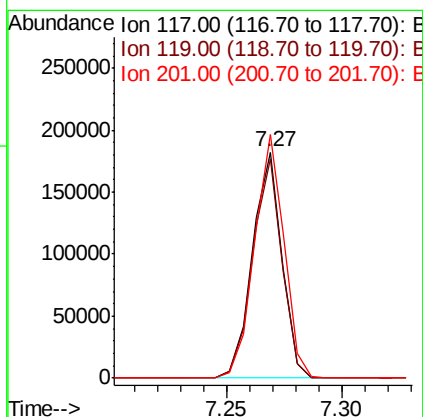
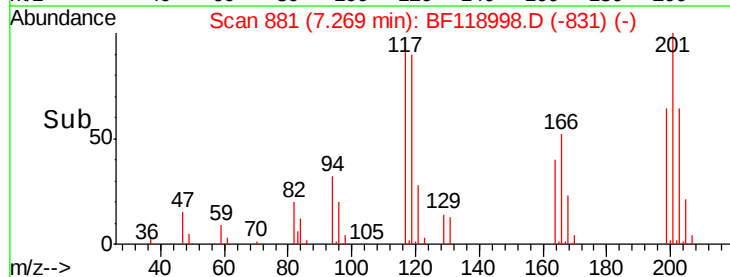
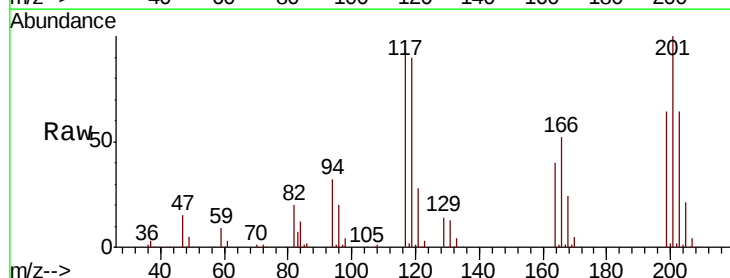
Instrument :
BNA_F
ClientSampleId :

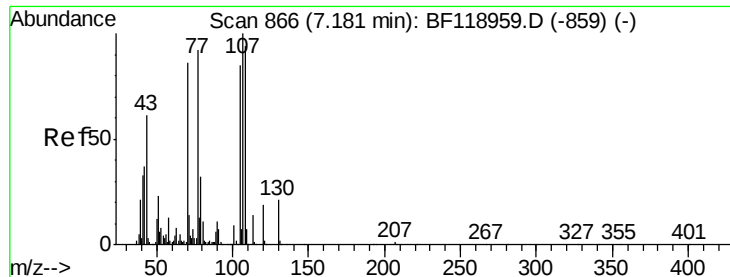
Tot Ion	Ratio	Lower	Upper
107	100		
108	109.4	87.7	131.5
77	49.9	36.8	55.2
79	48.6	36.4	54.6



#18
Hexachloroethane
Concen: 36.772 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	77.0	115.6
201	107.8	86.4	129.6

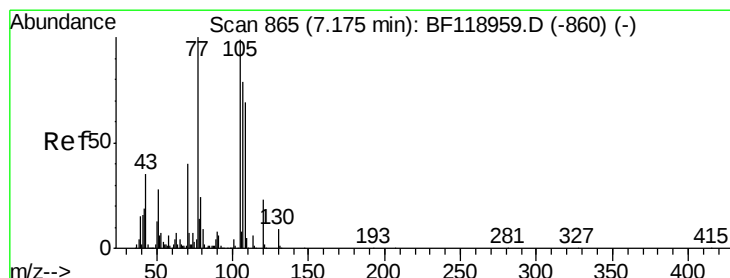
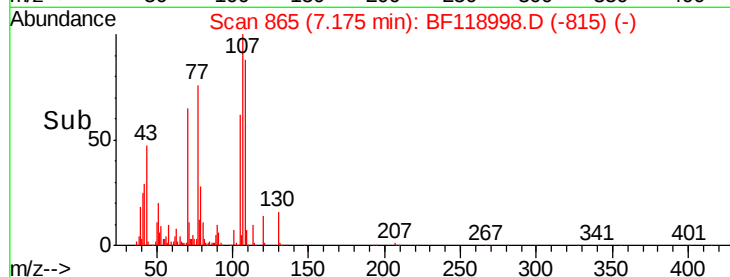
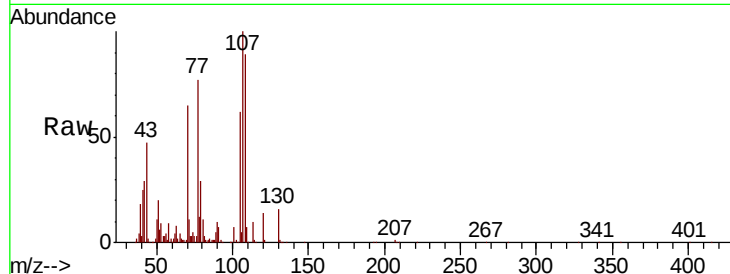
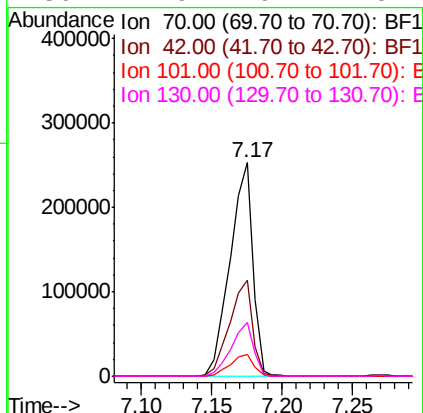




#19
n-Nitroso-di-n-propylamine
Concen: 42.189 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

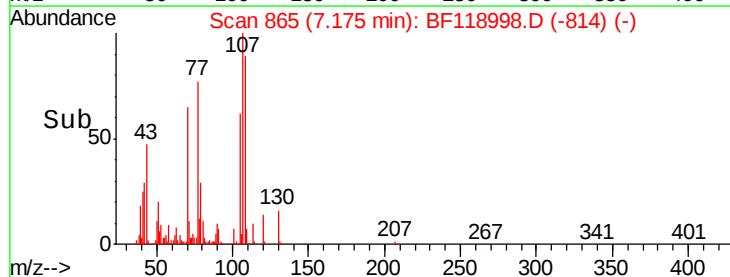
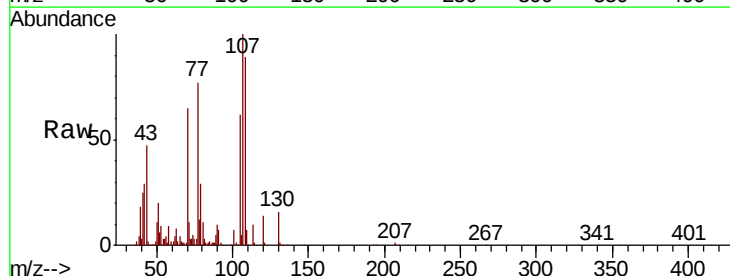
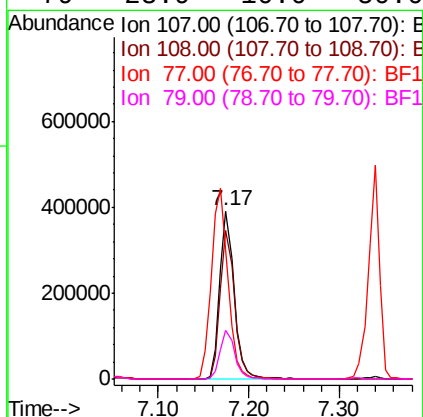
Instrument :
BNA_F
ClientSampleId :

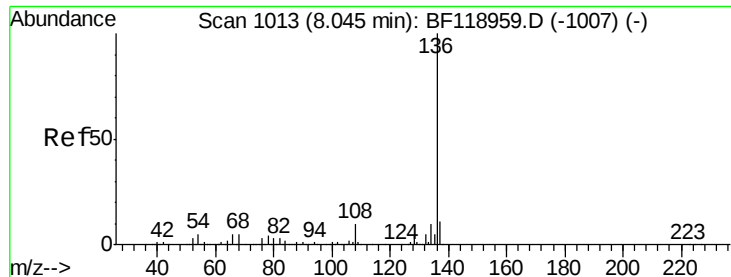
Tot Ion	Ratio	Lower	Upper
70	100		
42	44.7	34.6	51.8
101	10.4	8.1	12.1
130	24.9	19.4	29.2



#20
3+4-Methylphenols
Concen: 41.812 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.5	67.0	107.0
77	76.5	106.2	146.2#
79	28.9	10.0	50.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 557088

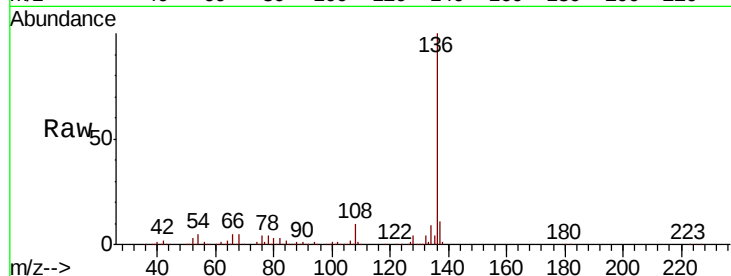
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 5.0 3.8 5.6

68 5.0 4.2 6.2

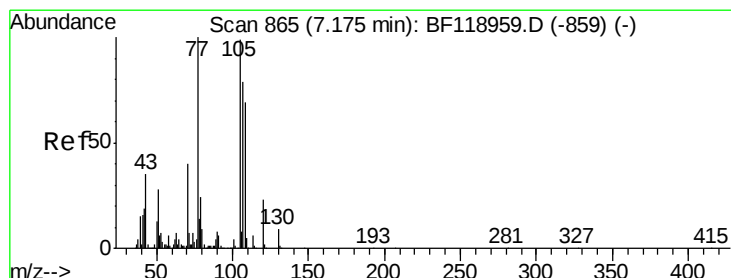
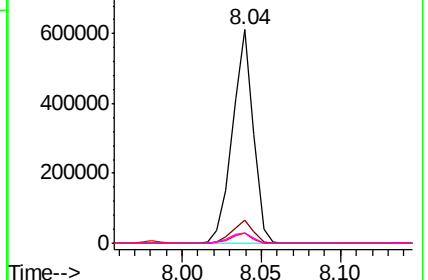
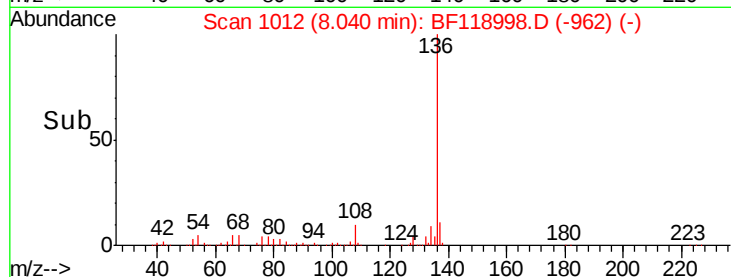


Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.558 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

Tgt Ion:105 Resp: 574337

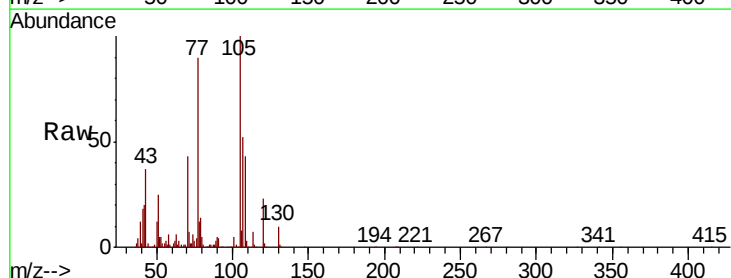
Ion Ratio Lower Upper

105 100

71 7.4 5.4 8.0

51 24.7 22.5 33.7

120 23.3 18.4 27.6

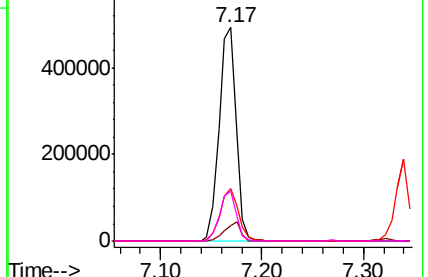
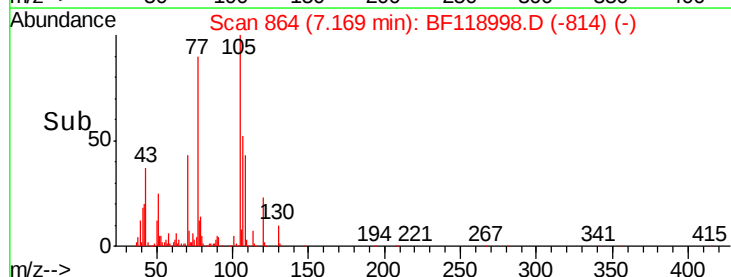


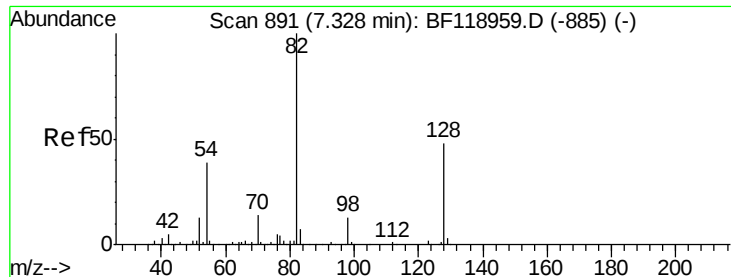
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

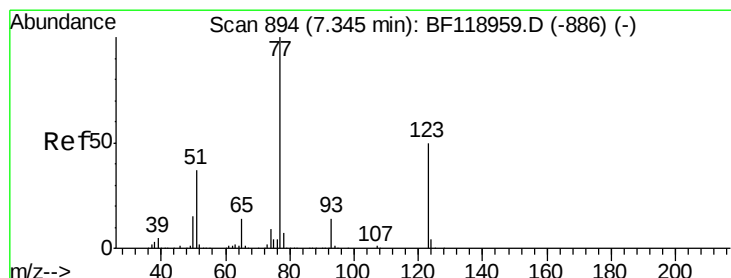
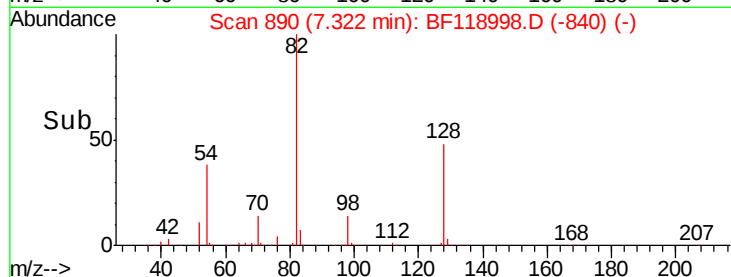
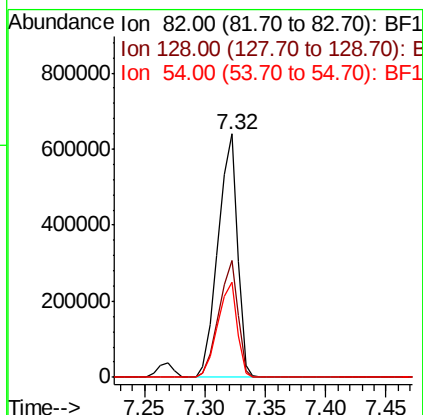
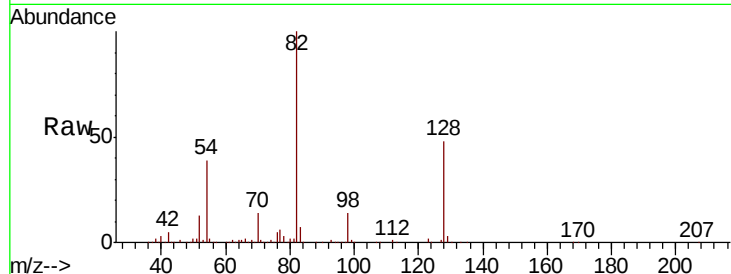




#23
 Nitrobenzene-d5
 Concen: 67.391 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BF118998.D
 Acq: 21 Feb 2020 17:52

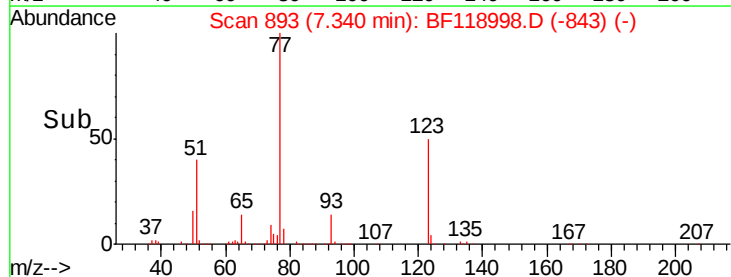
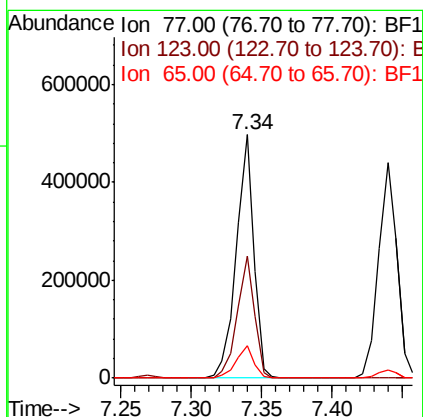
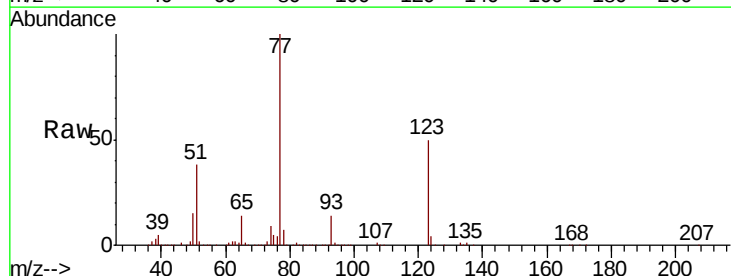
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	711031
Ion Ratio	Lower	Upper	
82	100		
128	48.0	38.2	57.2
54	38.9	31.3	46.9



#24
 Nitrobenzene
 Concen: 41.581 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF118998.D
 Acq: 21 Feb 2020 17:52

Tgt Ion	77	Resp	433850
Ion Ratio	Lower	Upper	
77	100		
123	50.0	40.1	60.1
65	13.5	10.9	16.3

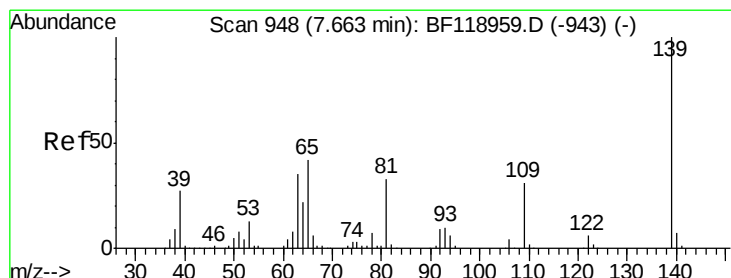
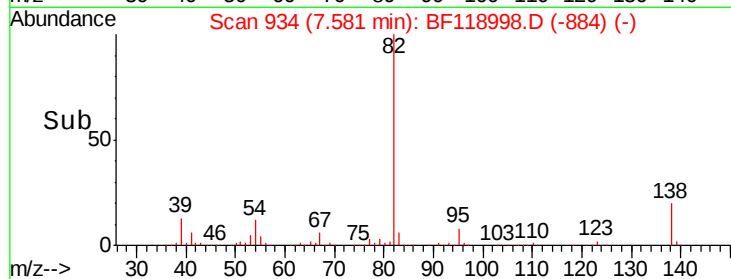
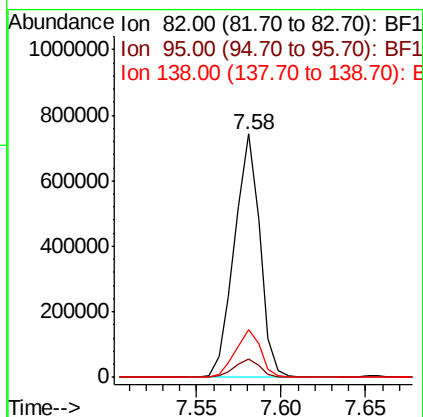
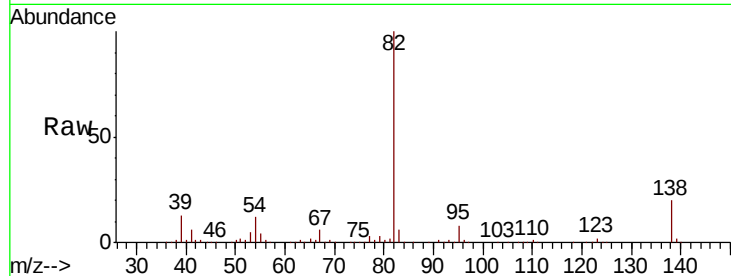




#25
Isophorone
Concen: 42.744 ng
RT: 7.58 min Scan# 934
Delta R.T. -0.01 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

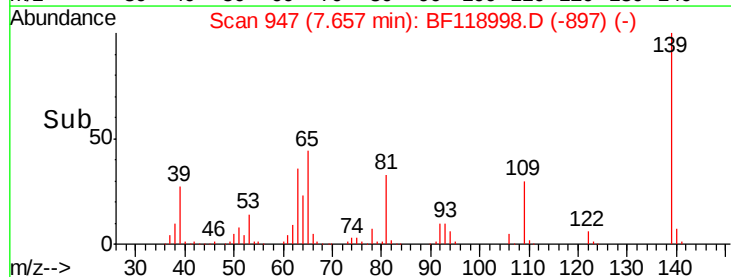
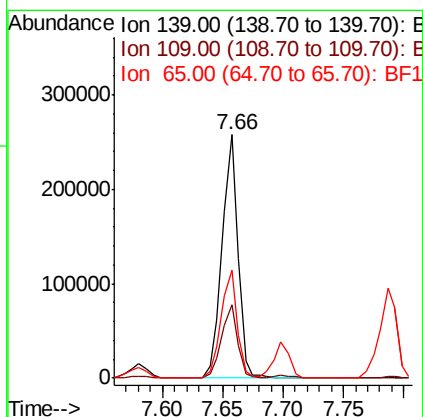
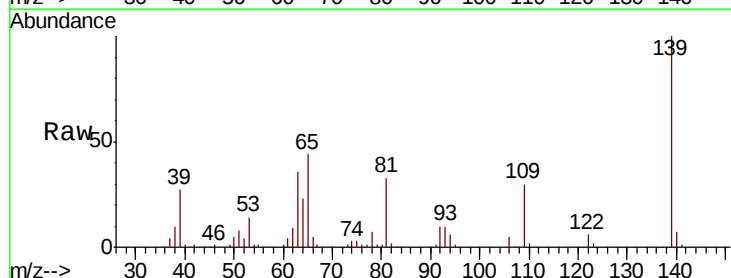
Instrument :
BNA_F
ClientSampleId :

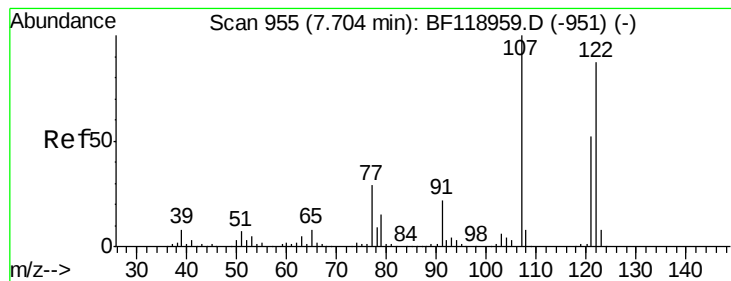
Tot Ion: 82 Resp: 783225
Ion Ratio Lower Upper
82 100
95 7.7 6.1 9.1
138 19.5 15.8 23.6



#26
2-Nitrophenol
Concen: 42.532 ng
RT: 7.66 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Tgt Ion: 139 Resp: 235132
Ion Ratio Lower Upper
139 100
109 30.0 24.6 36.8
65 44.1 33.6 50.4

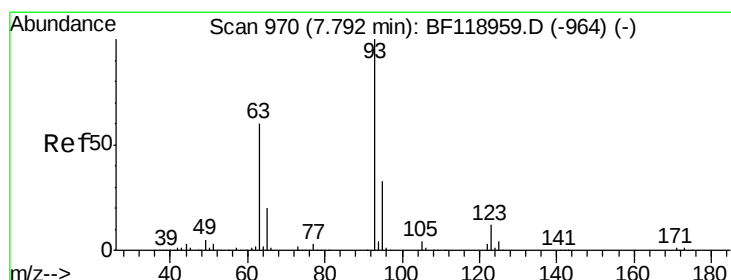
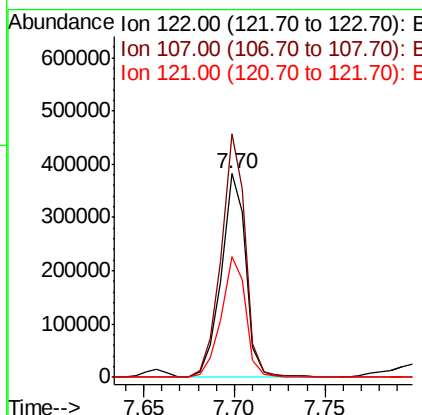
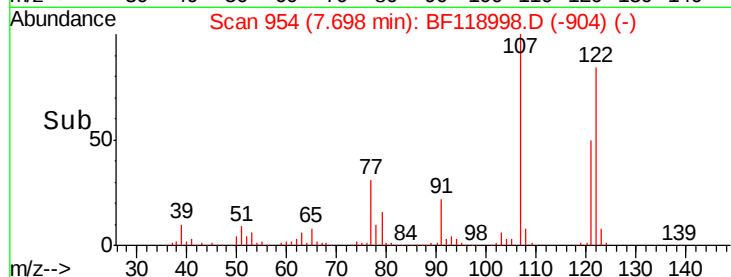
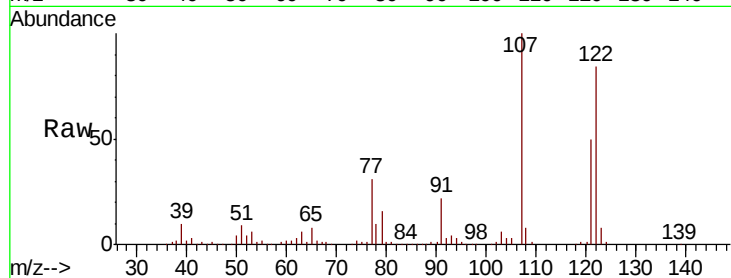




#27
 2,4-Dimethylphenol
 Concen: 47.831 ng
 RT: 7.70 min Scan# 954
 Delta R.T. -0.01 min
 Lab File: BF118998.D
 Acq: 21 Feb 2020 17:52

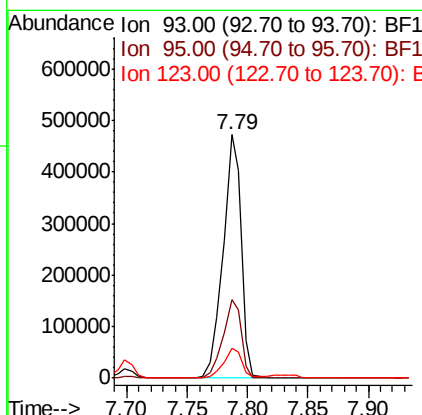
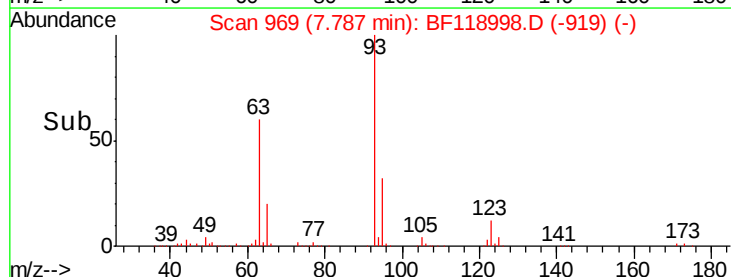
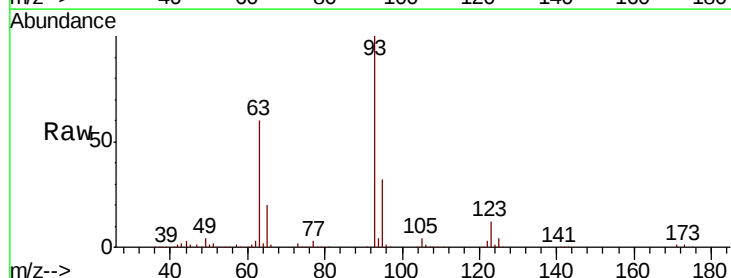
Instrument :
 BNA_F
 ClientSampled :

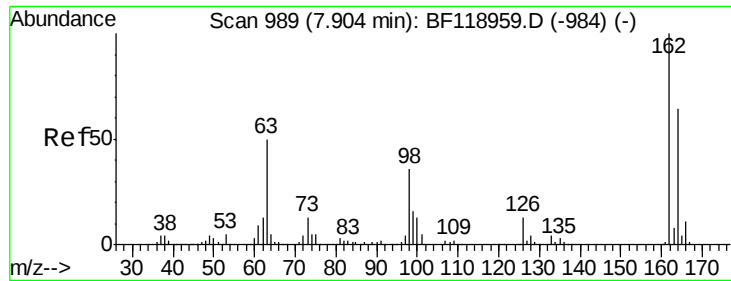
Tot Ion	Ratio	Lower	Upper
122	100		
107	119.6	91.8	137.8
121	59.5	47.4	71.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.882 ng
 RT: 7.79 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BF118998.D
 Acq: 21 Feb 2020 17:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.3	39.5
123	12.1	9.8	14.8

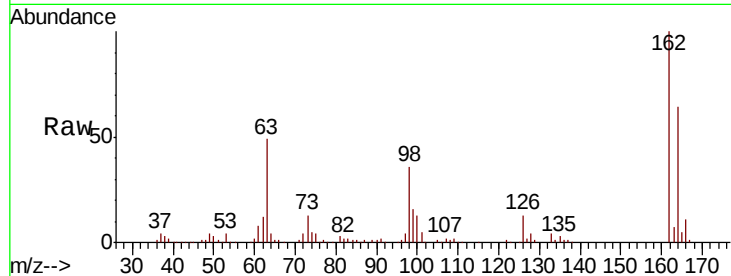




#29
2,4-Dichlorophenol
Concen: 40.863 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.00 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.1	84.1
98	36.3	16.4	56.4

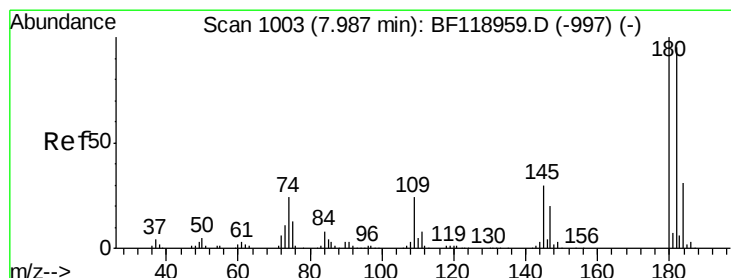
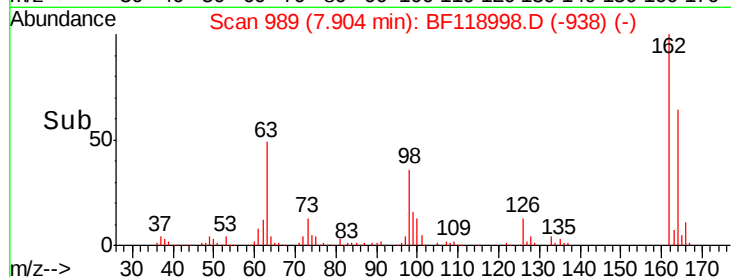
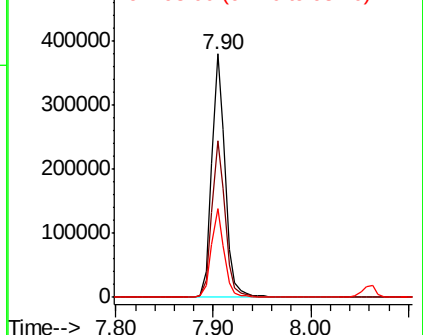


Abundance

Ion 162.00 (161.70 to 162.70): E

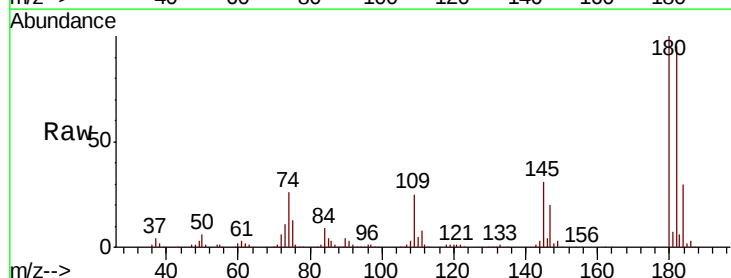
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 39.282 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.8	113.8
145	31.0	24.2	36.2

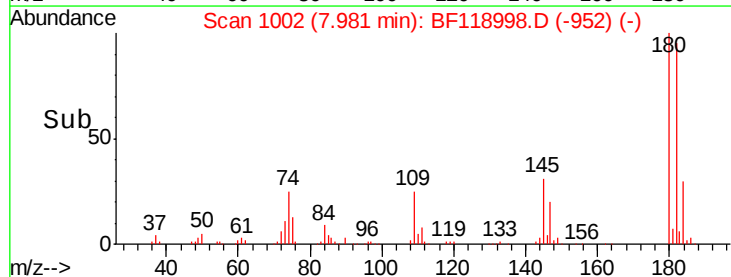
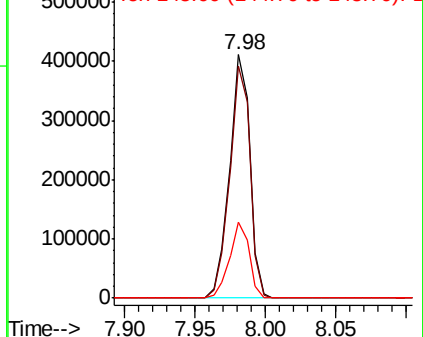


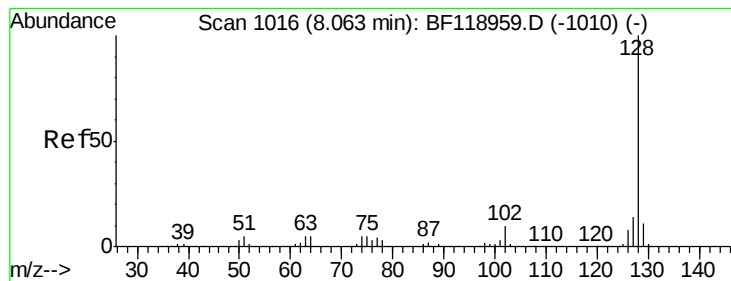
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.178 ng

RT: 8.06 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

Instrument :

BNA_F

ClientSampleId :

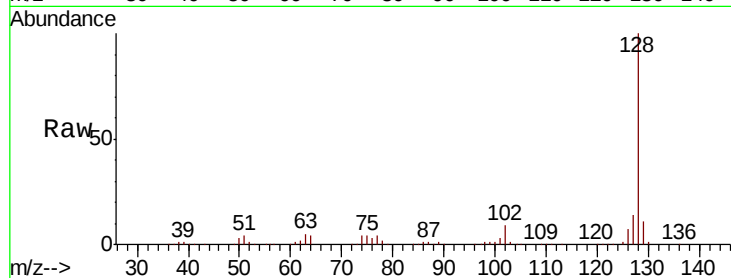
Tot Ion:128 Resp: 1189702

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.4

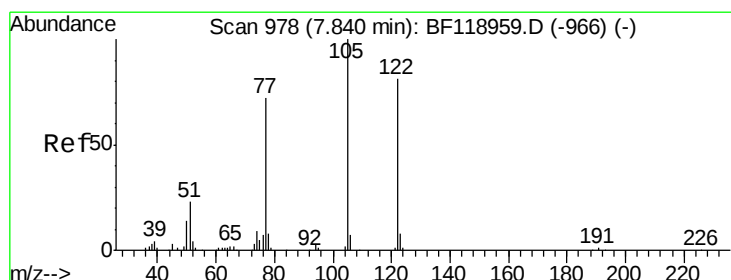
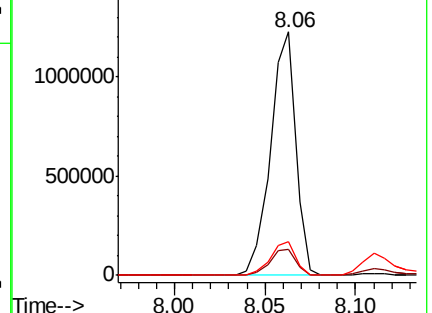
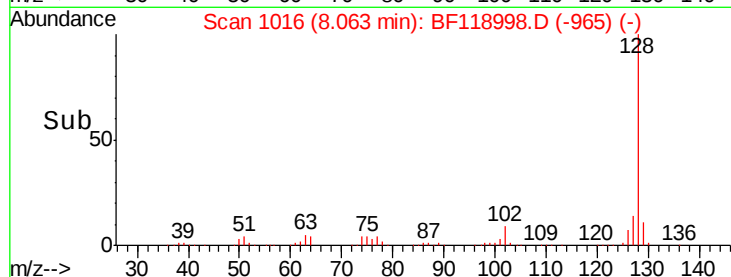
127 13.7 10.9 16.3



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: 34.258 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.01 min

Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

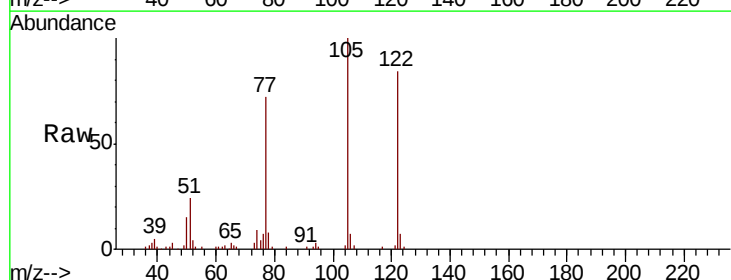
Tgt Ion:122 Resp: 175389

Ion Ratio Lower Upper

122 100

105 119.6 102.2 142.2

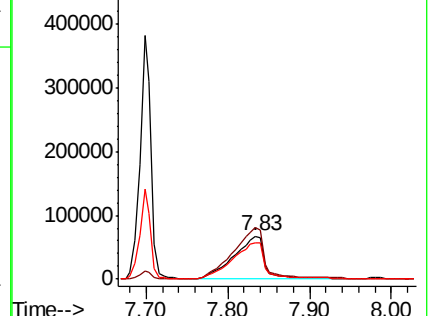
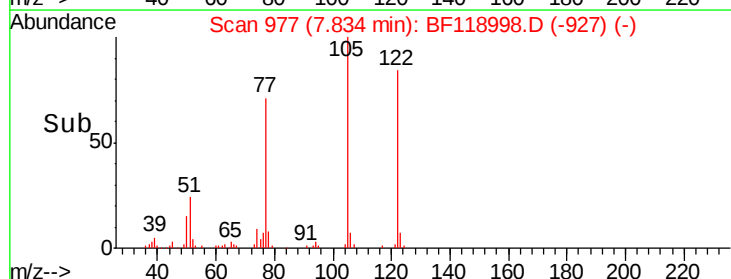
77 85.6 68.6 108.6

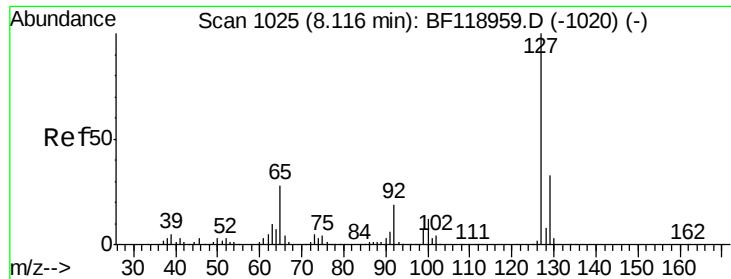


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

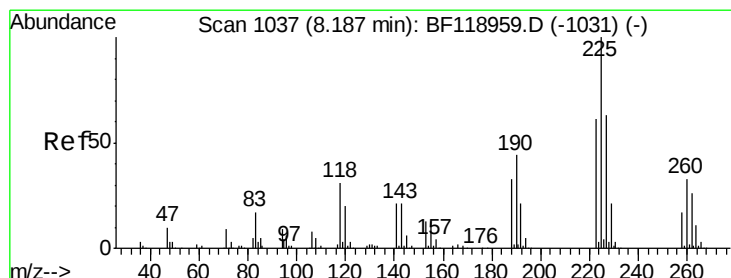
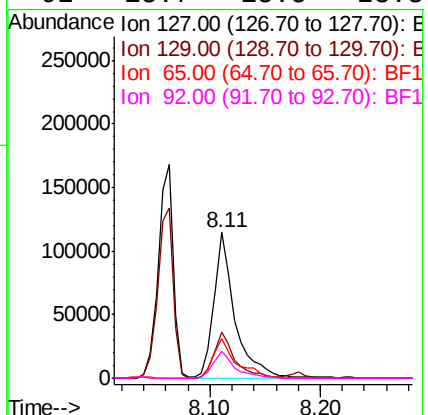
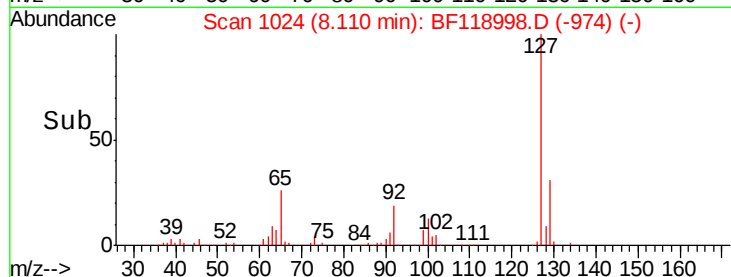
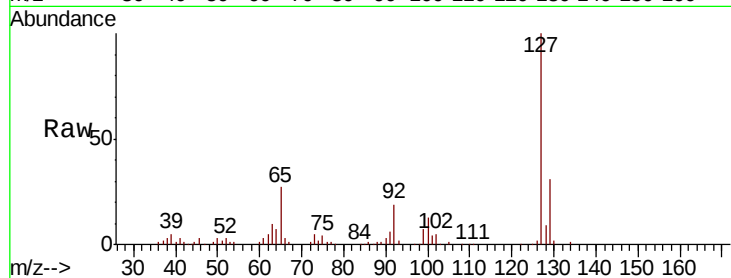




#33
4-Chloroaniline
Concen: 12.087 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

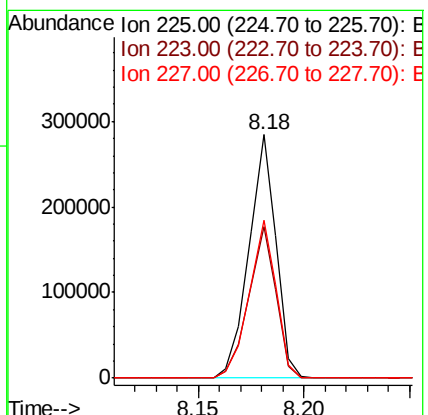
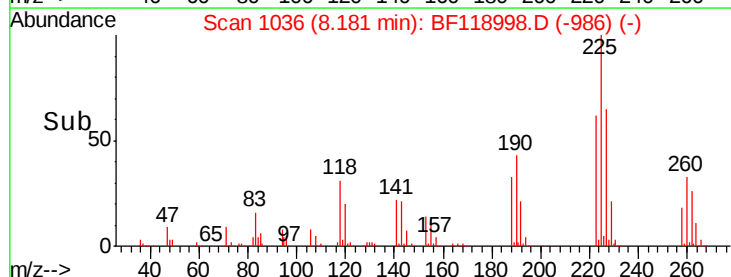
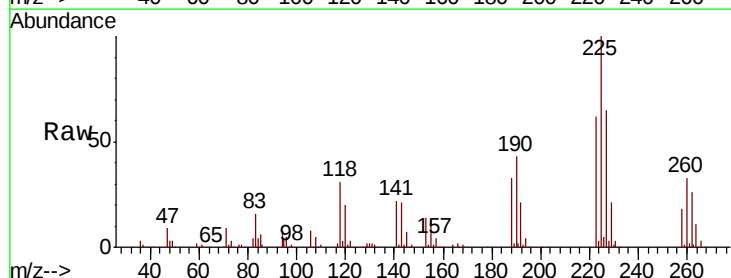
Instrument :
BNA_F
ClientSampled :

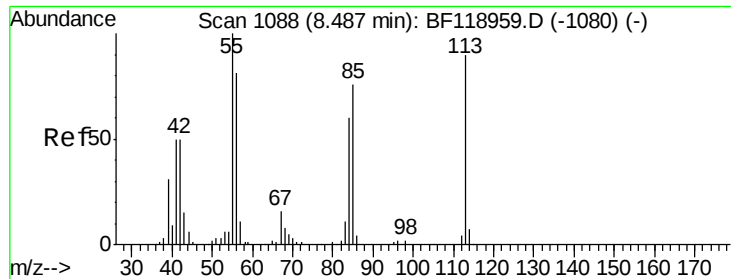
Tot Ion:	127	Resp:	150204
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.2	39.2
65	27.2	22.0	33.0
92	18.7	15.5	23.3



#34
Hexachlorobutadiene
Concen: 38.927 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Tgt Ion:	225	Resp:	253928
Ion	Ratio	Lower	Upper
225	100		
223	62.4	48.9	73.3
227	65.0	50.4	75.6

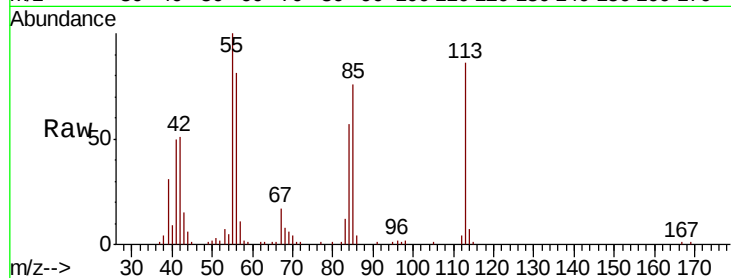




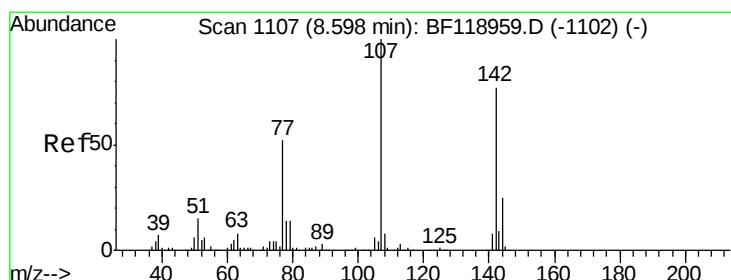
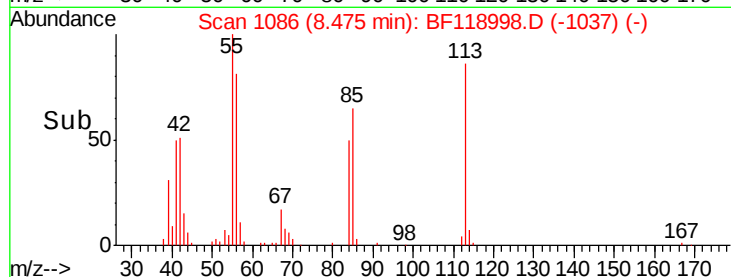
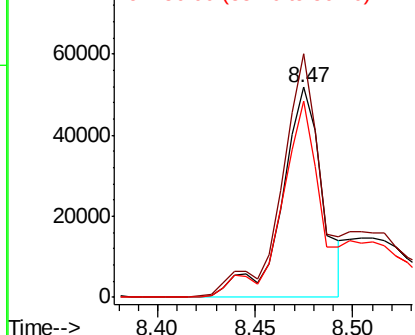
#35
Caprolactam
Concen: 27.201 ng
RT: 8.47 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 73979
Ion Ratio Lower Upper
113 100
55 116.0 90.8 130.8
56 93.6 70.0 110.0

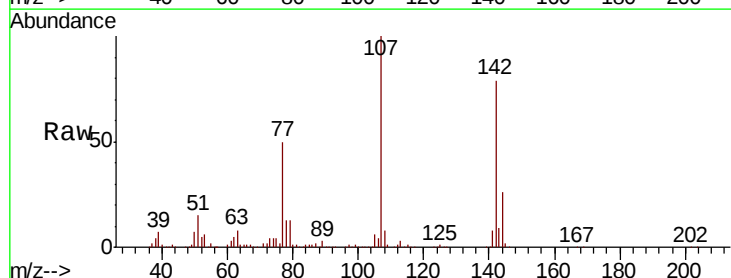


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

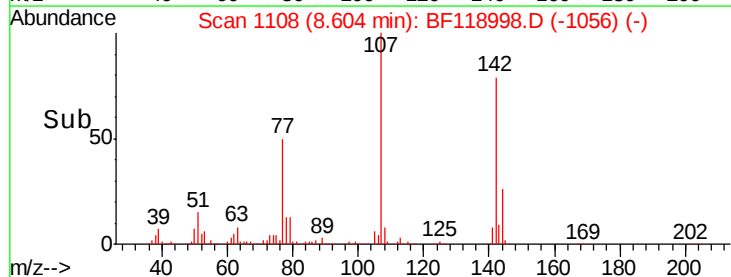
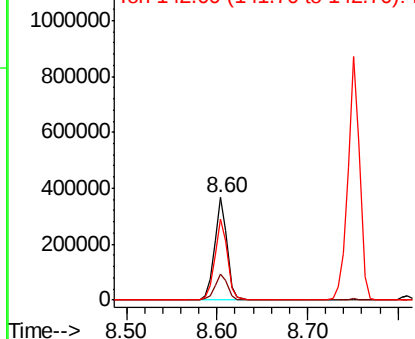


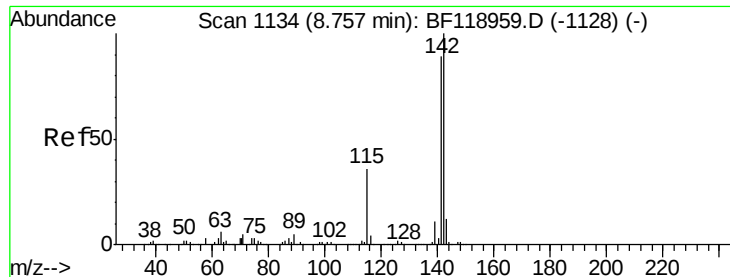
#36
4-Chloro-3-methylphenol
Concen: 39.459 ng
RT: 8.60 min Scan# 1108
Delta R.T. 0.01 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Tgt Ion:107 Resp: 352728
Ion Ratio Lower Upper
107 100
144 25.6 19.8 29.8
142 78.6 61.3 91.9



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

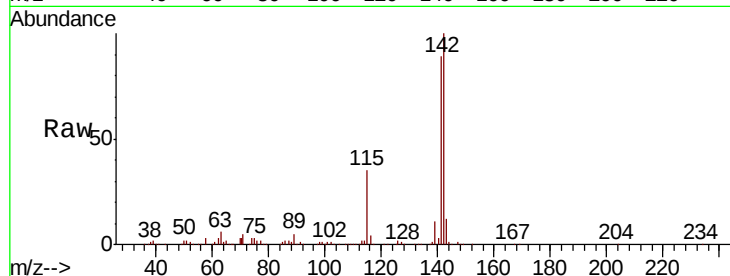




#37
2-Methylnaphthalene
Concen: 40.463 ng
RT: 8.75 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.0	106.4
115	35.2	28.6	42.8

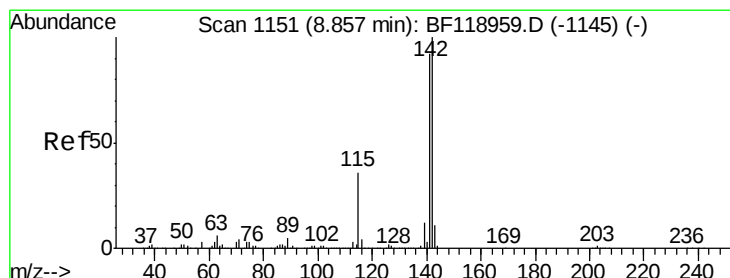
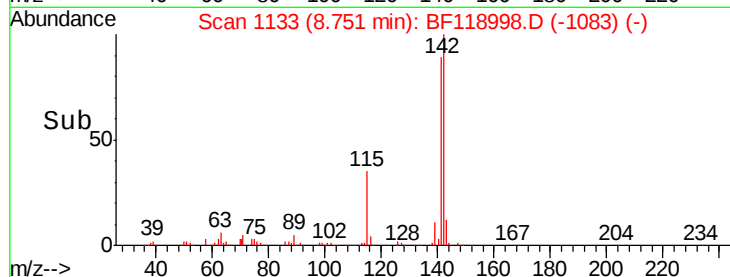
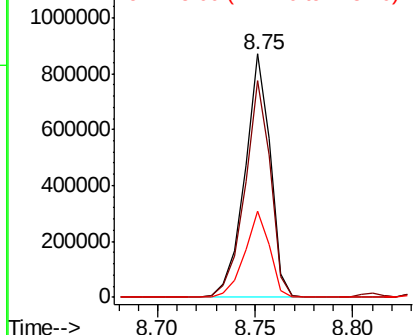


Abundance

Ion 142.00 (141.70 to 142.70): E

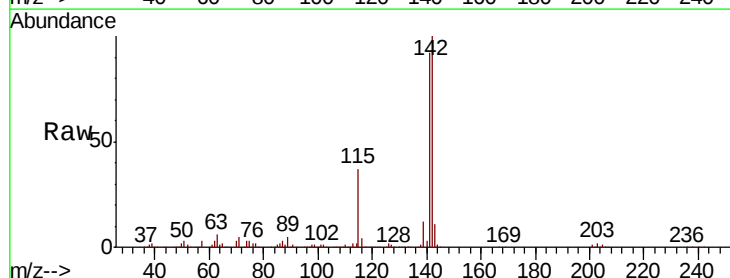
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 39.976 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.7	110.5
116	3.9	3.0	4.6

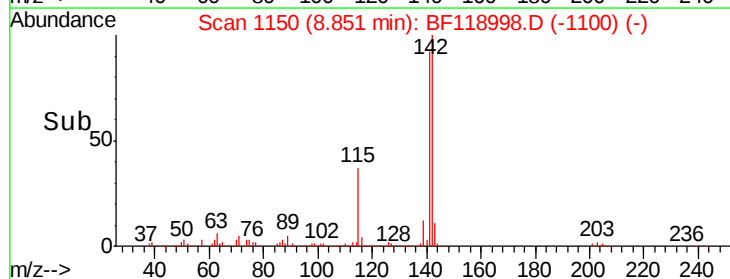
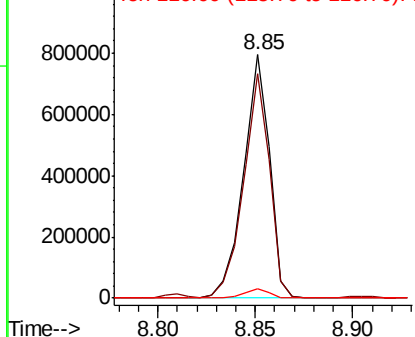


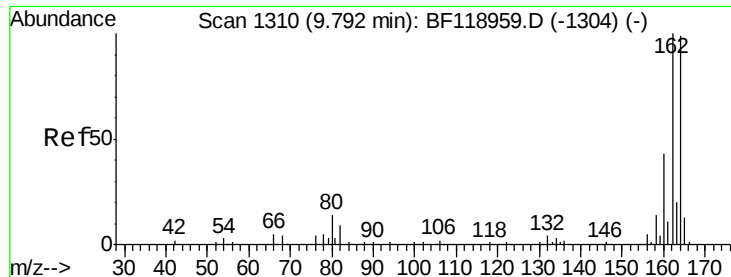
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

Instrument :

BNA_F

ClientSampleId :

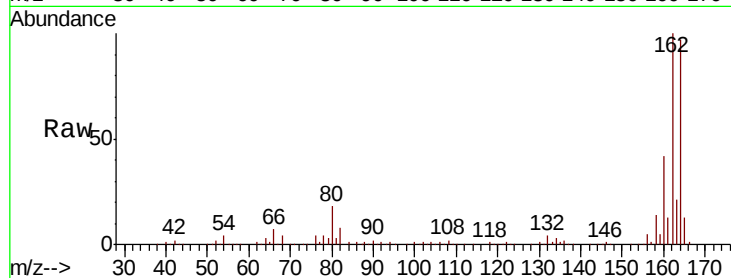
Tot Ion:164 Resp: 263677

Ion Ratio Lower Upper

164 100

162 103.2 81.2 121.8

160 43.8 35.2 52.8

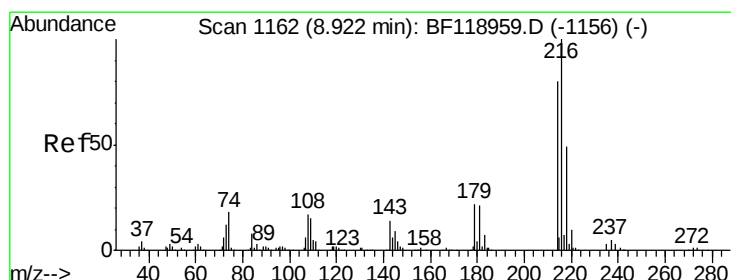
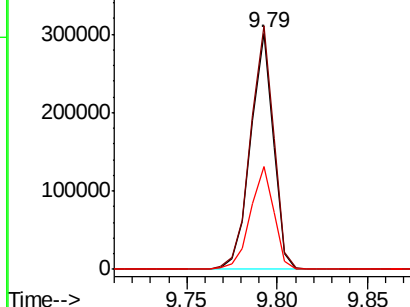
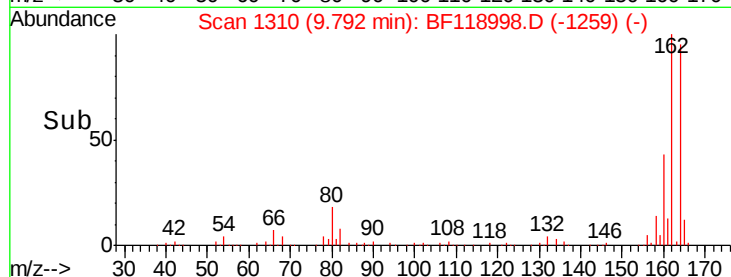


Abundance

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: 43.711 ng

RT: 8.92 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

Tgt Ion:216 Resp: 388597

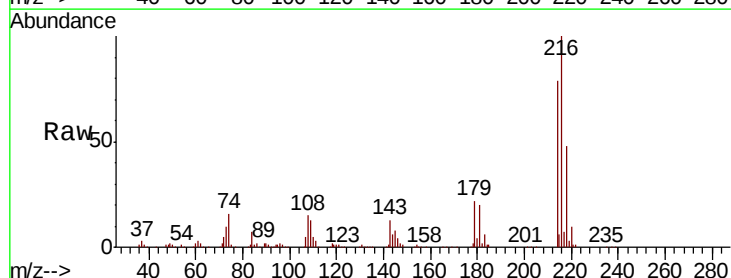
Ion Ratio Lower Upper

216 100

214 78.0 63.1 94.7

179 21.2 17.2 25.8

108 16.0 13.4 20.0



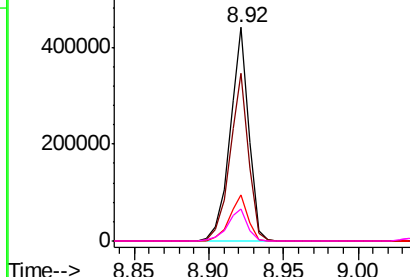
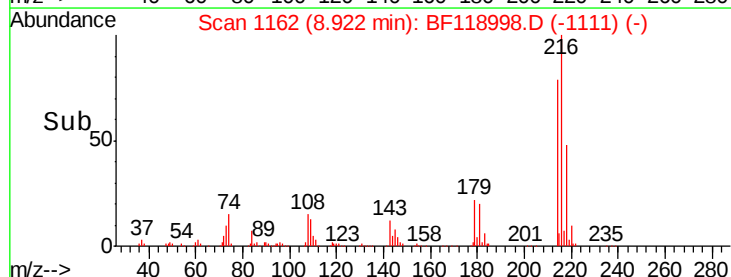
Abundance

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: 22.406 ng

RT: 8.90 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

Instrument :

BNA_F

ClientSampleId :

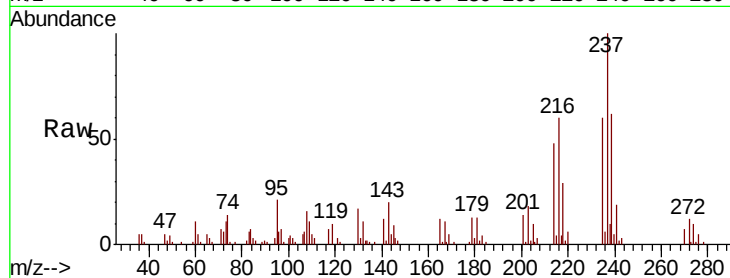
Tot Ion:237 Resp: 47708

Ion Ratio Lower Upper

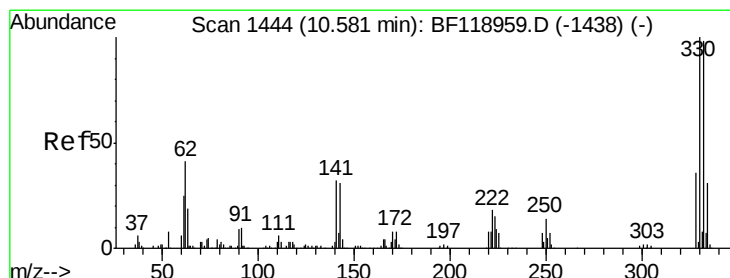
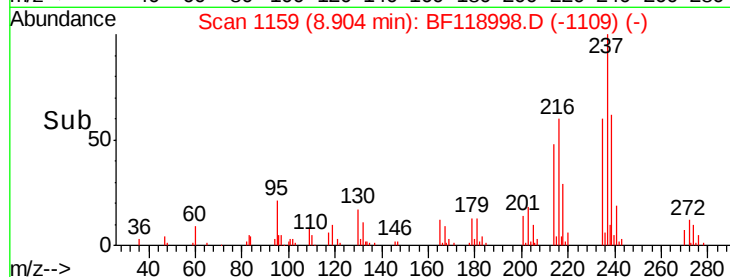
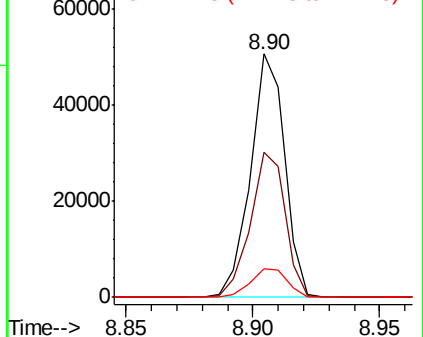
237 100

235 59.8 39.4 79.4

272 12.0 0.0 32.6



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: 90.952 ng

RT: 10.58 min Scan# 1444

Delta R.T. 0.00 min

Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

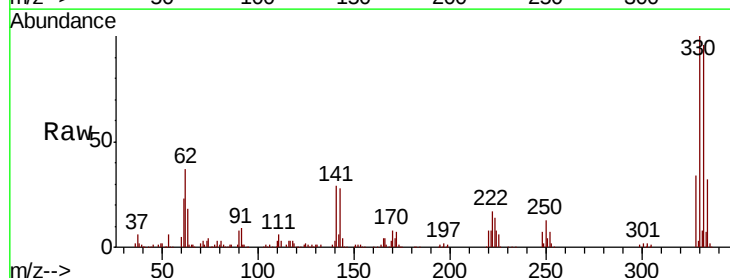
Tgt Ion:330 Resp: 313723

Ion Ratio Lower Upper

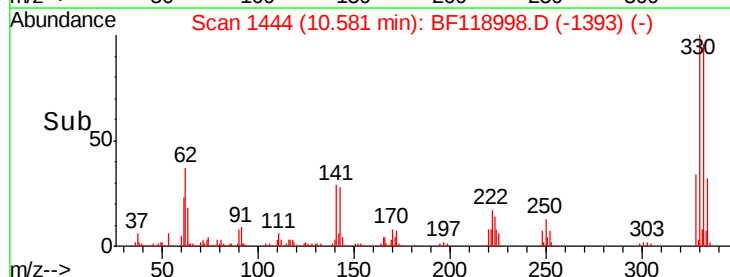
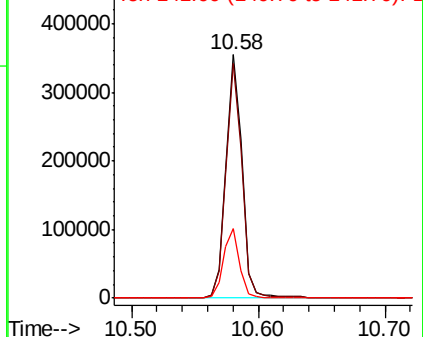
330 100

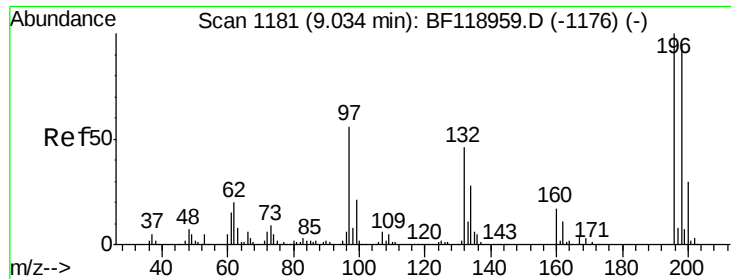
332 95.9 77.1 115.7

141 28.7 23.0 34.6



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

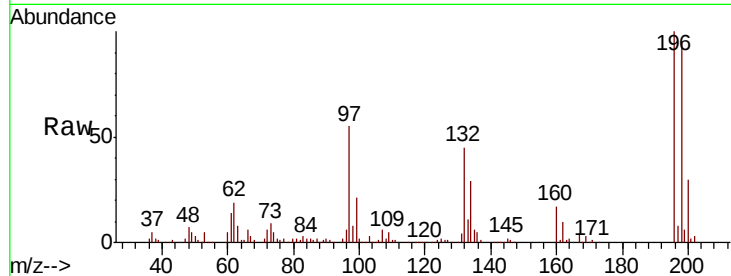




#43
 2,4,6-Trichlorophenol
 Concen: 43.596 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BF118998.D
 Acq: 21 Feb 2020 17:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	244749
Ion Ratio	Lower	Upper	
196	100		
198	94.9	75.8	113.6
200	29.9	24.1	36.1

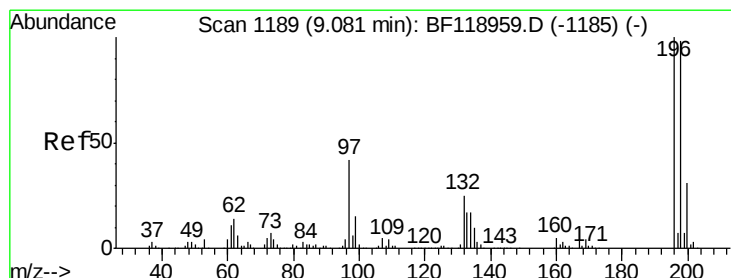
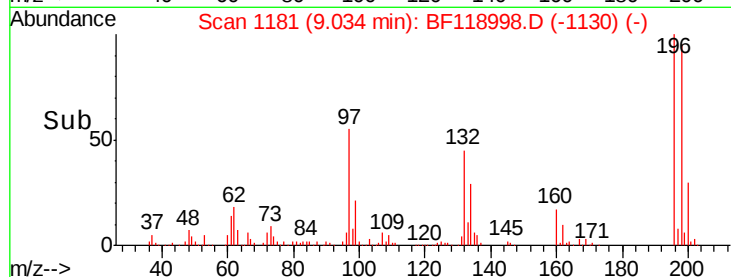
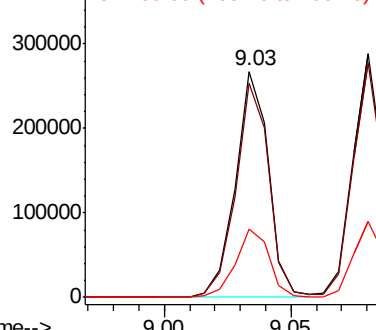


Abundance

Ion 196.00 (195.70 to 196.70): E

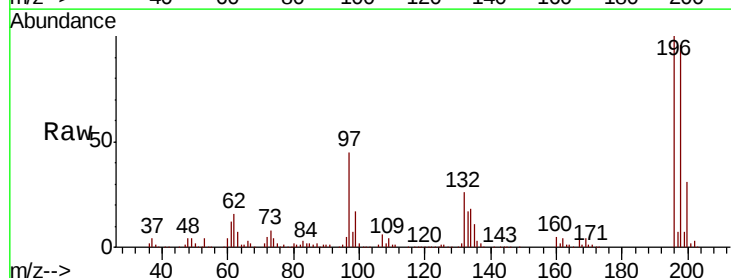
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 42.844 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF118998.D
 Acq: 21 Feb 2020 17:52

Tgt Ion	196	Resp	252398
Ion Ratio	Lower	Upper	
196	100		
198	96.3	78.4	117.6
97	44.9	33.4	50.0
132	26.4	20.6	30.8



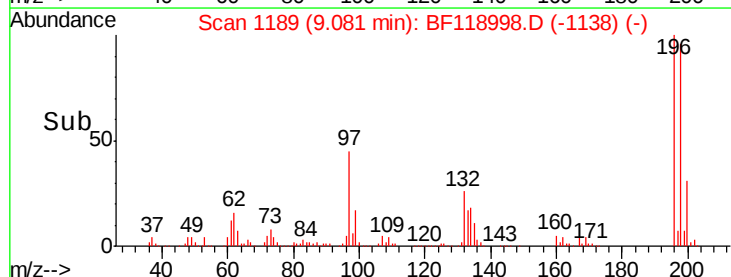
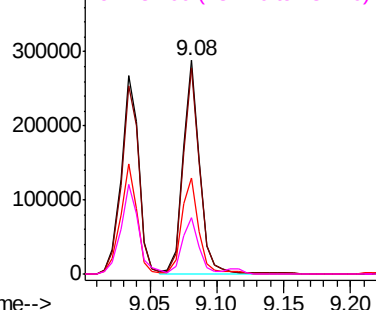
Abundance

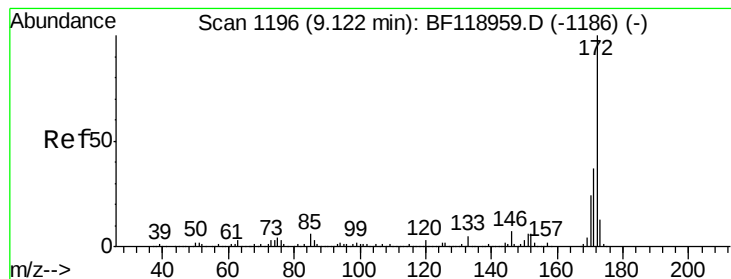
Ion 196.00 (195.70 to 196.70): E

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



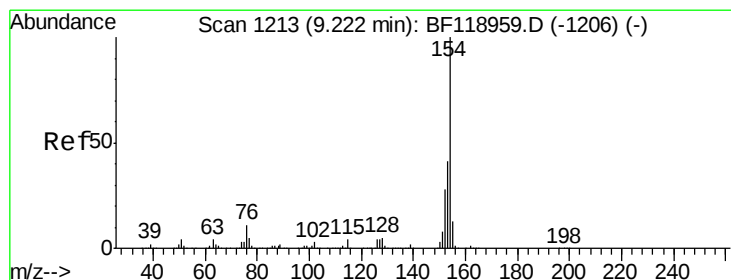
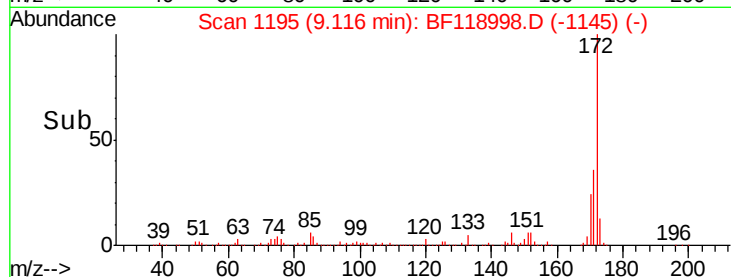
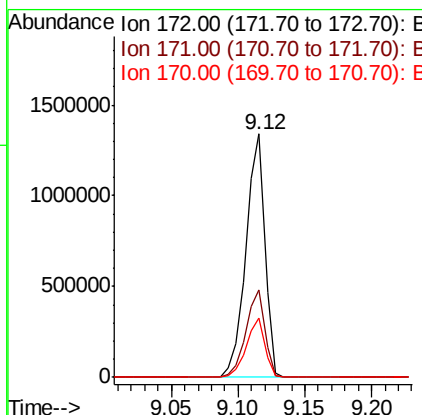
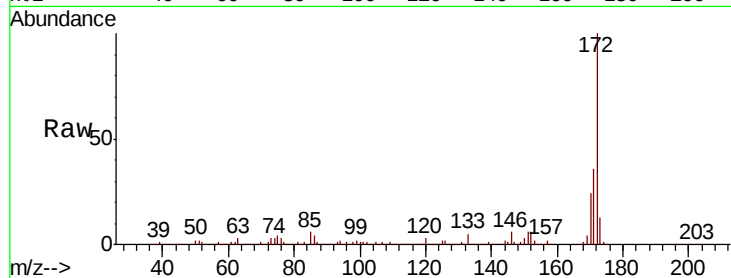


#45
 2-Fluorobiphenyl
 Concen: 72.982 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF118998.D
 Acq: 21 Feb 2020 17:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1306270

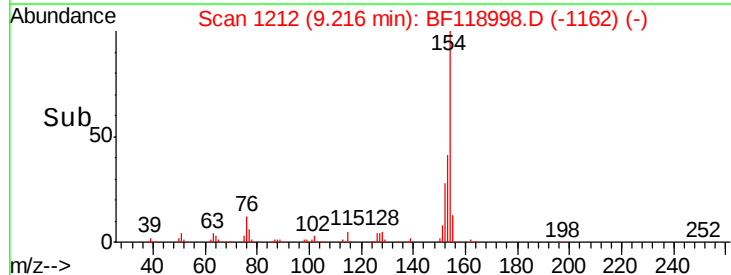
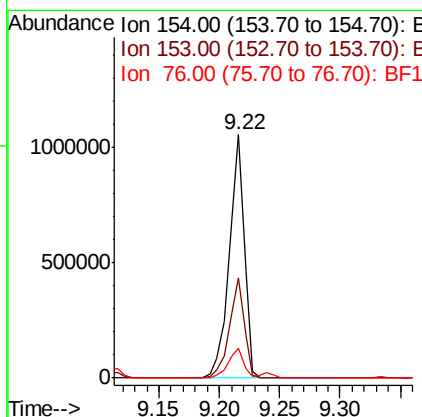
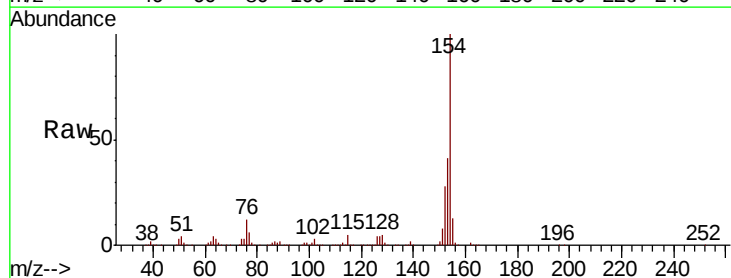
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.2
170	24.2	19.6	29.4

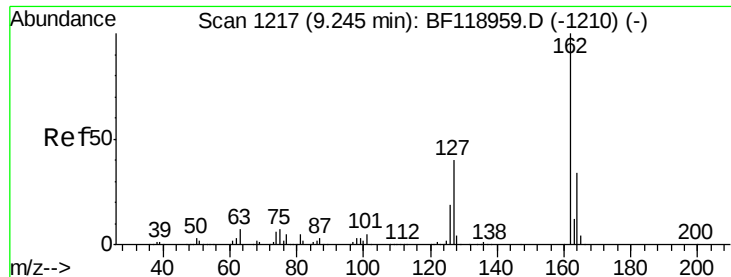


#46
 1,1'-Biphenyl
 Concen: 42.996 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF118998.D
 Acq: 21 Feb 2020 17:52

Tgt Ion:154 Resp: 916274

Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.2	61.2
76	12.0	0.0	31.1

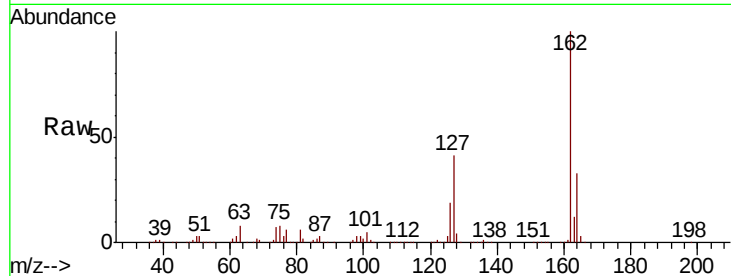




#47
2-Chloronaphthalene
Concen: 41.872 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.9	31.9	47.9
164	33.0	26.8	40.2

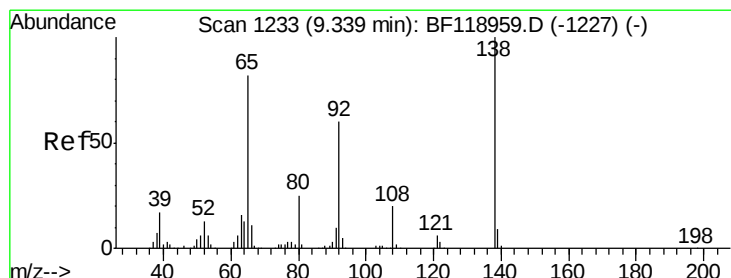
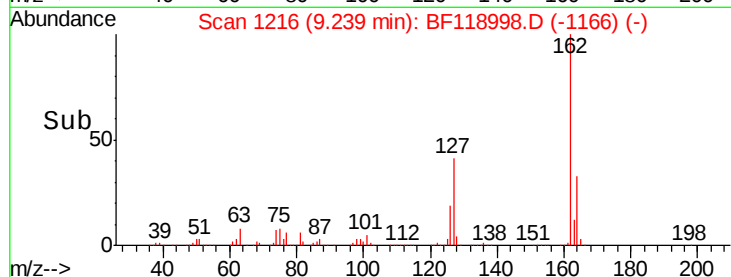
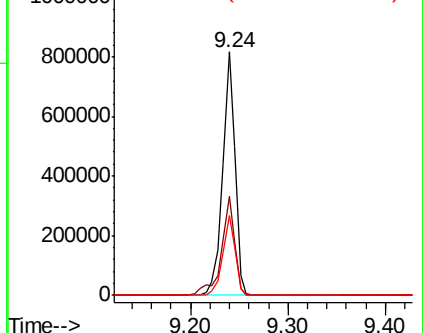


Abundance

Ion 162.00 (161.70 to 162.70): E

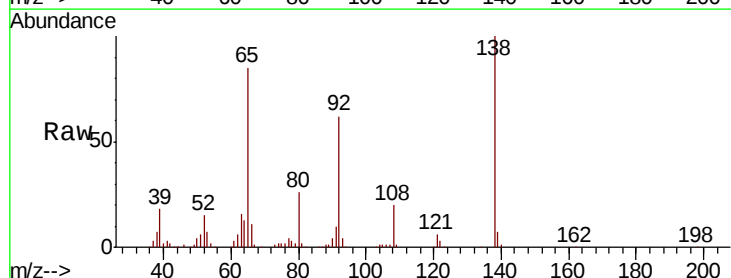
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 40.001 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.6	58.6	87.8
138	117.1	97.5	146.3

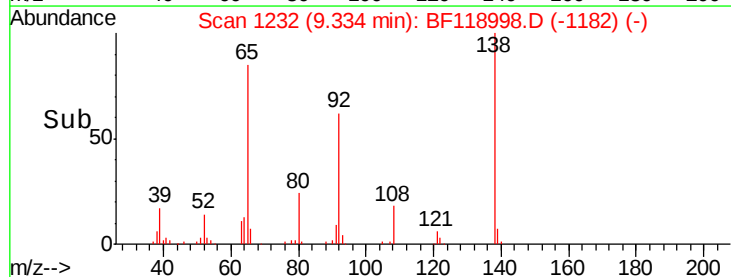
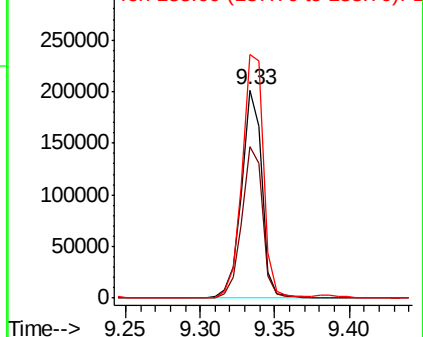


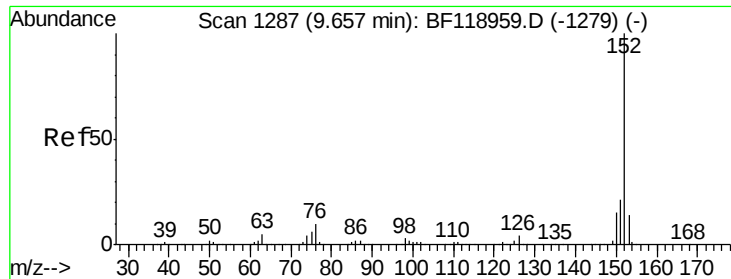
Abundance

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: 43.054 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

Instrument :

BNA_F

ClientSampled :

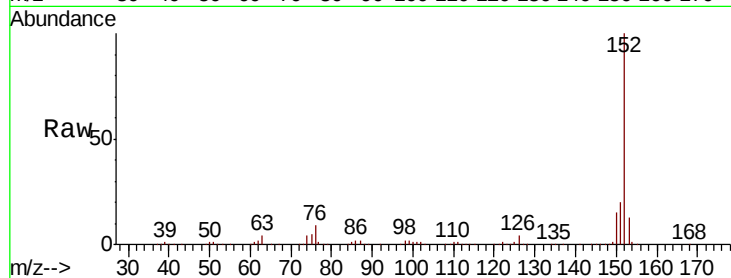
Tot Ion:152 Resp: 1067857

Ion Ratio Lower Upper

152 100

151 20.4 16.7 25.1

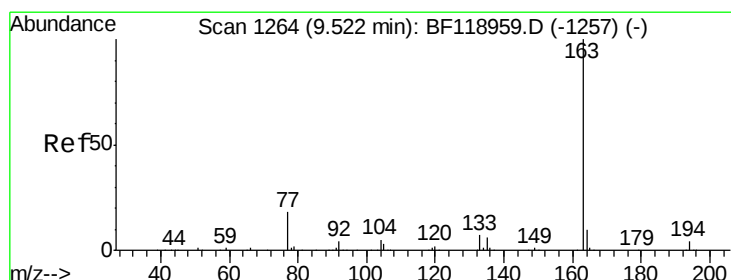
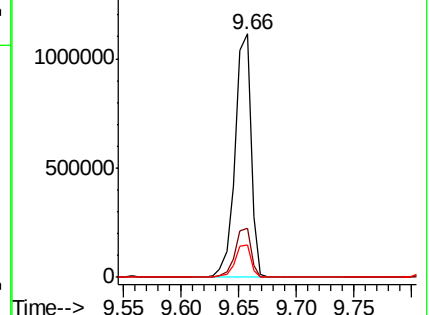
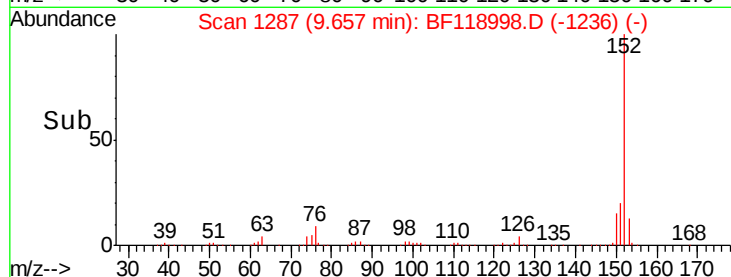
153 13.1 10.9 16.3



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: 51.532 ng

RT: 9.52 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

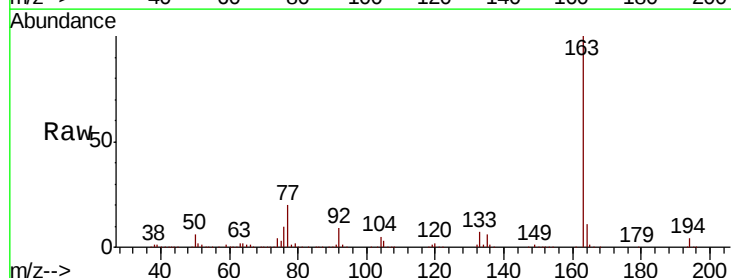
Tgt Ion:163 Resp: 1039025

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

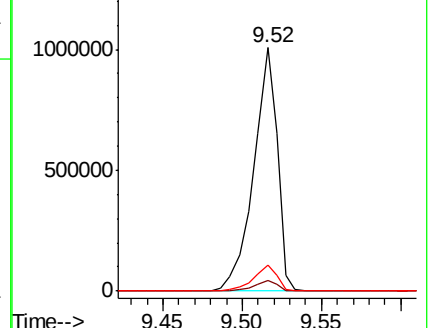
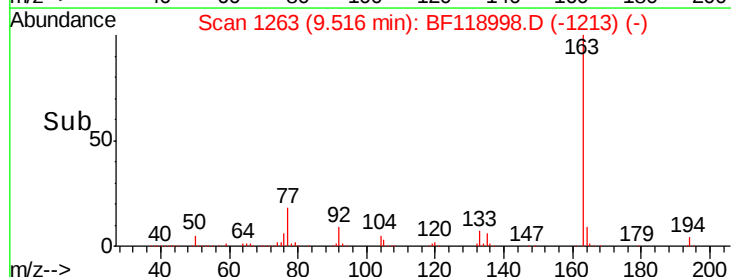
164 10.6 8.2 12.2



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

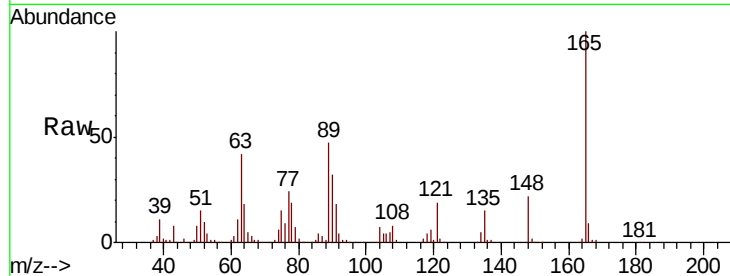




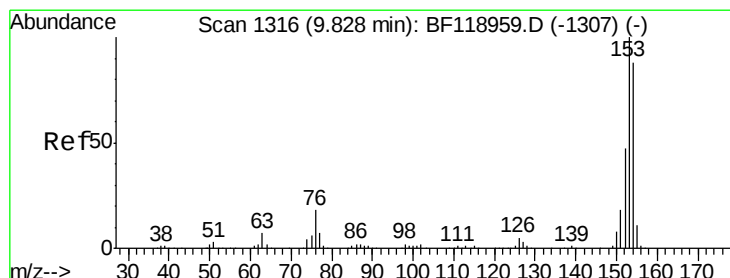
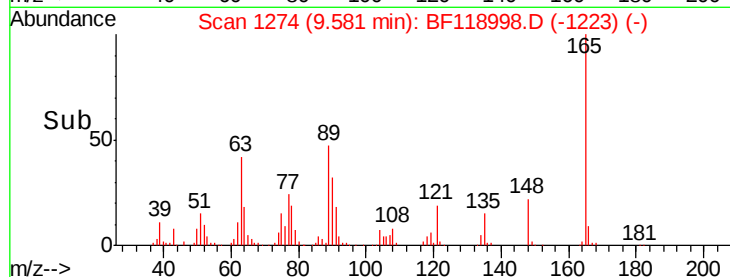
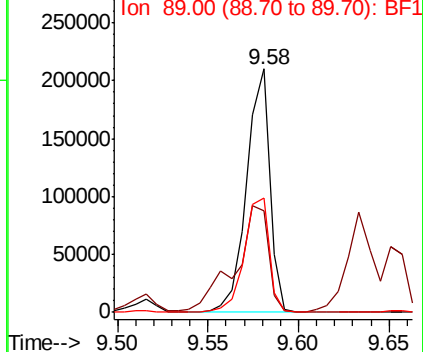
#51
 2,6-Dinitrotoluene
 Concen: 41.908 ng
 RT: 9.58 min Scan# 1274
 Delta R.T. 0.00 min
 Lab File: BF118998.D
 Acq: 21 Feb 2020 17:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 187733
 Ion Ratio Lower Upper
 165 100
 63 41.8 37.9 56.9
 89 46.8 41.4 62.0

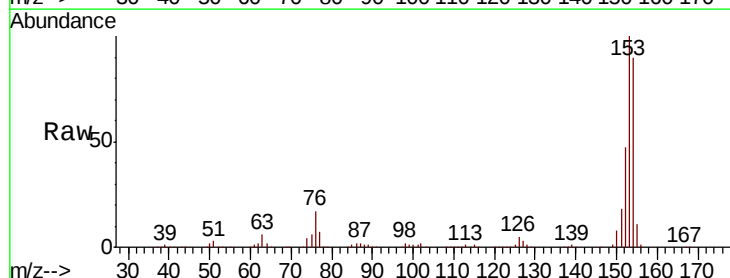


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

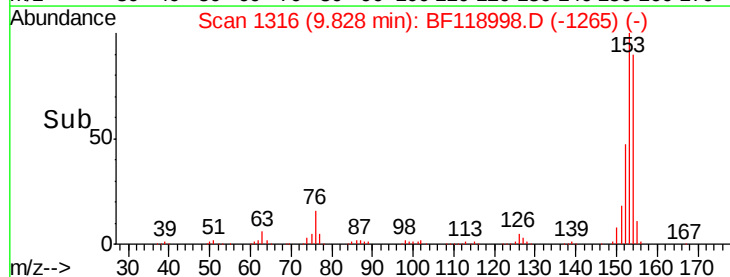
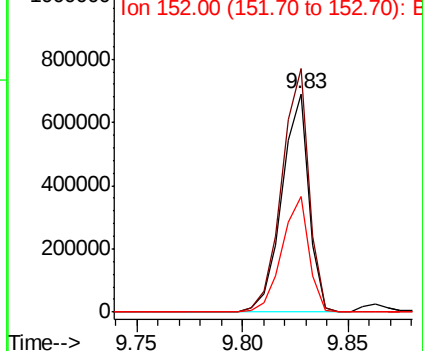


#52
 Acenaphthene
 Concen: 41.171 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BF118998.D
 Acq: 21 Feb 2020 17:52

Tgt Ion:154 Resp: 615744
 Ion Ratio Lower Upper
 154 100
 153 111.6 90.4 135.6
 152 53.0 42.9 64.3



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

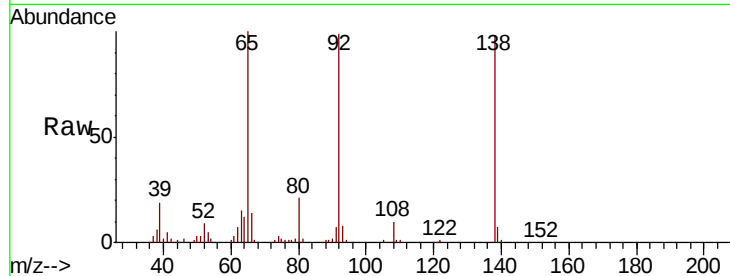




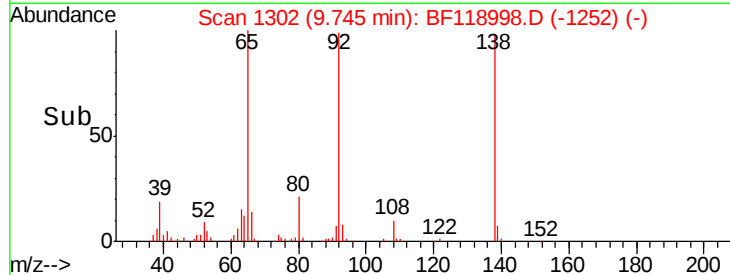
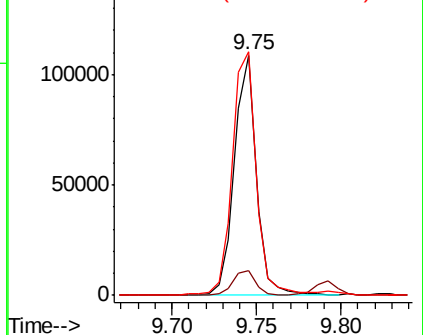
#53
3-Nitroaniline
Concen: 19.891 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 98780
Ion Ratio Lower Upper
138 100
108 10.2 8.6 13.0
92 101.3 84.6 127.0

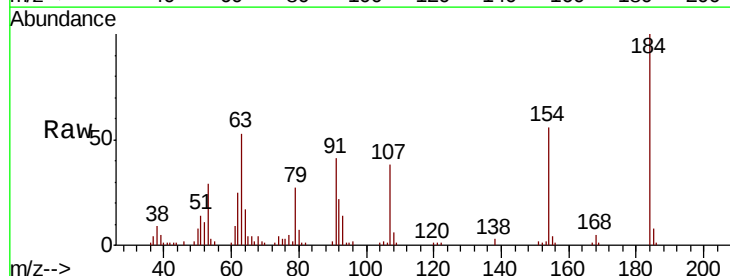


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

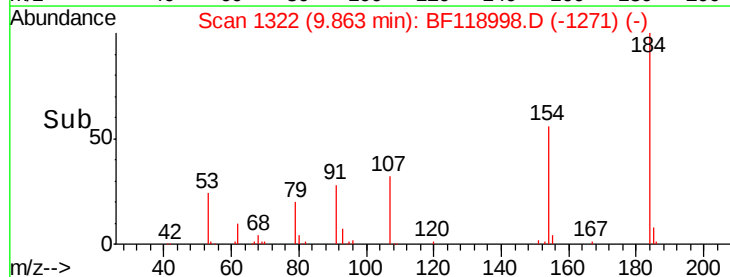
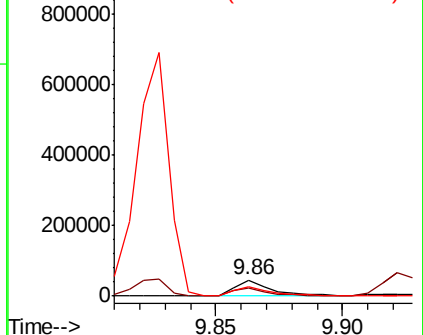


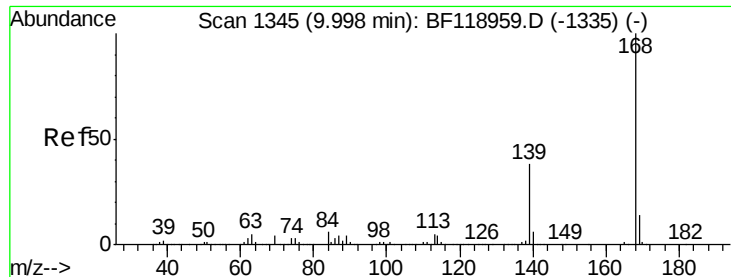
#54
2,4-Dinitrophenol
Concen: 26.087 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Tgt Ion:184 Resp: 44699
Ion Ratio Lower Upper
184 100
63 52.9 37.8 56.6
154 55.9 47.6 71.4



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

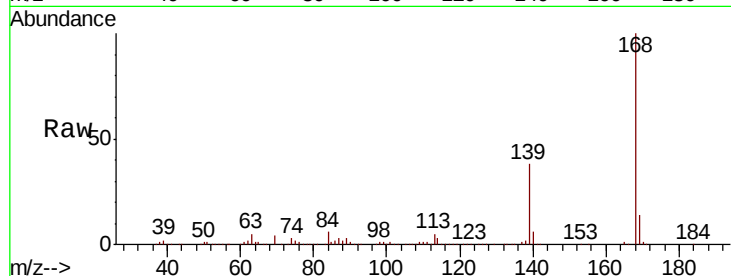




#55
Dibenzofuran
Concen: 41.887 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.4	31.7	47.5
169	13.9	11.0	16.4

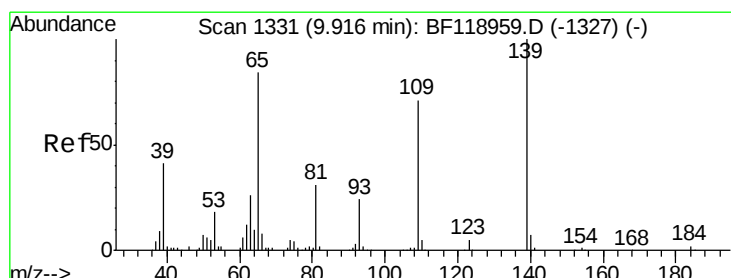
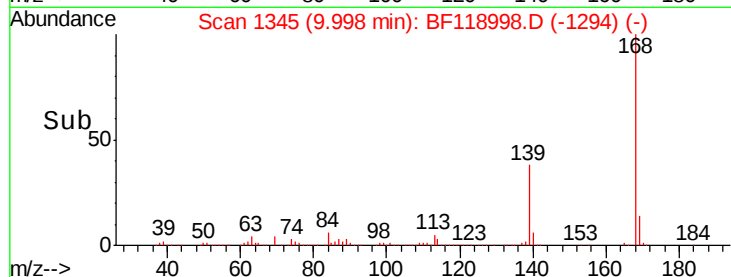
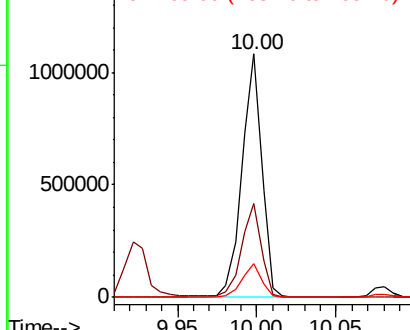


Abundance

Ion 168.00 (167.70 to 168.70): E

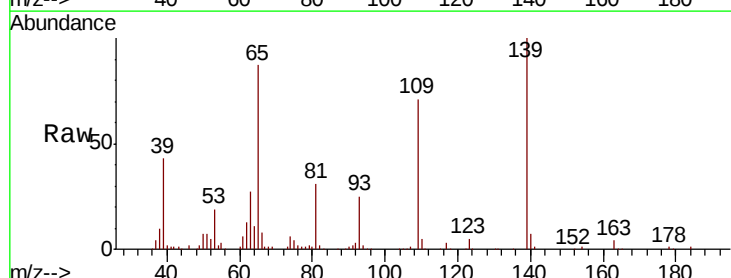
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 84.839 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.3	51.1	91.1
65	87.2	64.7	104.7

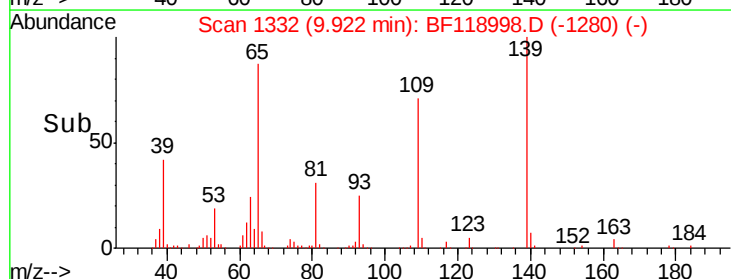
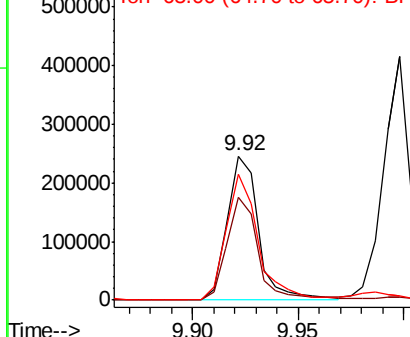


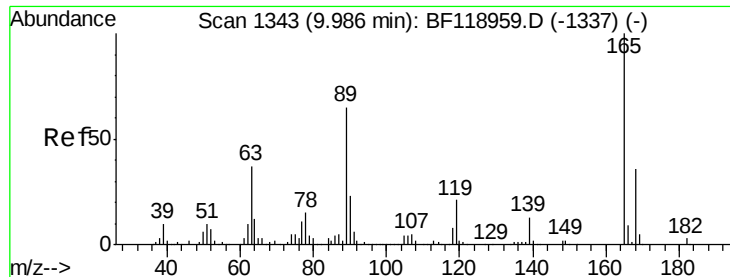
Abundance

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

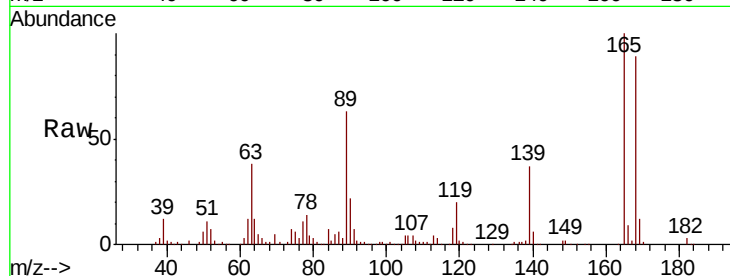




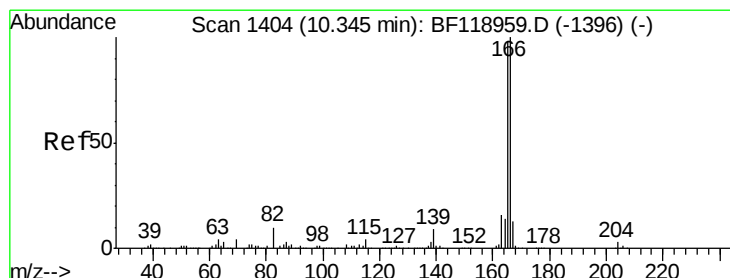
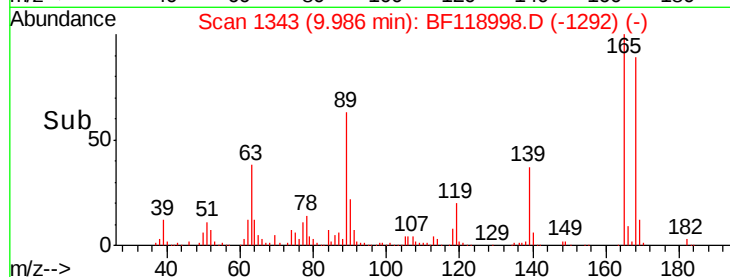
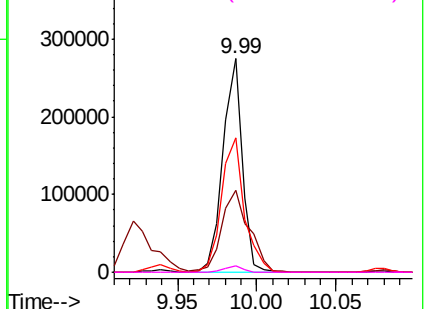
#57
2,4-Dinitrotoluene
Concen: 40.048 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	232536
Ion Ratio	Lower	Upper
165	100	
63	38.2	29.8 44.8
89	62.9	51.9 77.9
182	3.0	2.3 3.5

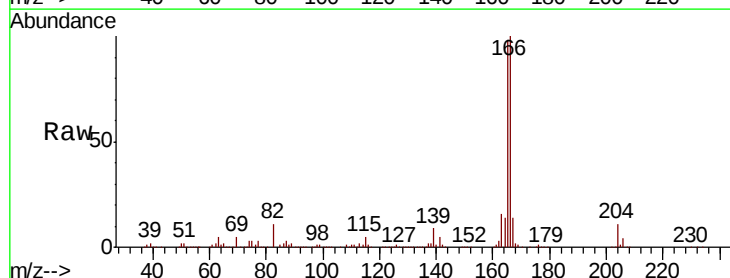


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

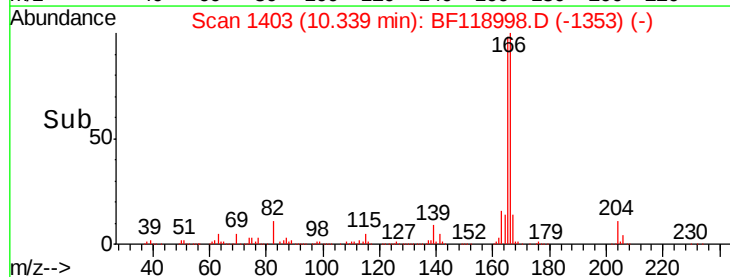
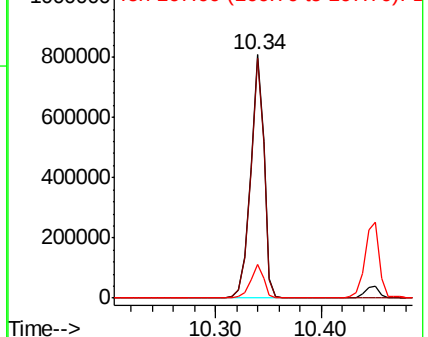


#58
Fluorene
Concen: 41.010 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Tgt Ion:166	Resp:	711360
Ion Ratio	Lower	Upper
166	100	
165	98.4	78.2 117.4
167	13.7	10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

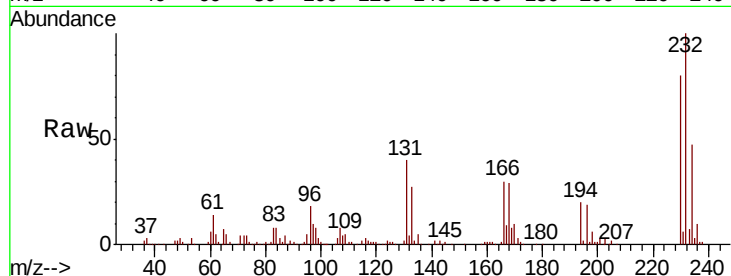




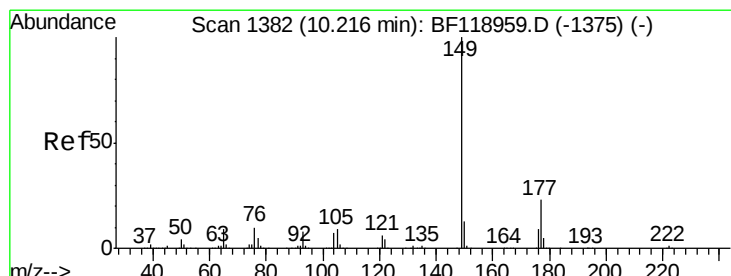
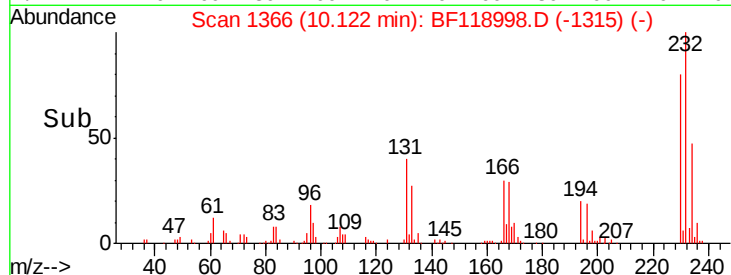
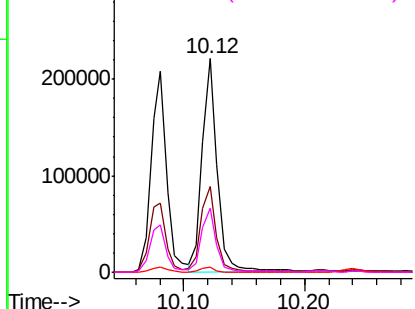
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.240 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. 0.00 min
 Lab File: BF118998.D
 Acq: 21 Feb 2020 17:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	195057
Ion	Ratio	Lower	Upper
232	100		
131	42.1	34.0	51.0
130	2.1	1.6	2.4
166	29.4	23.6	35.4

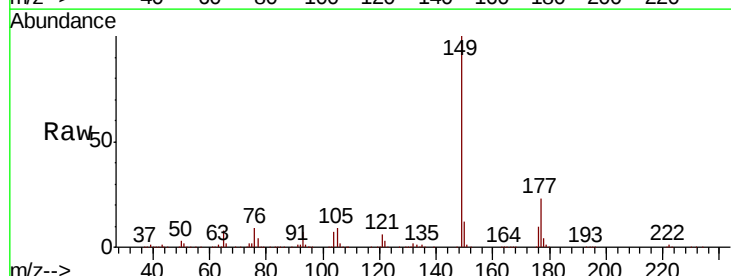


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

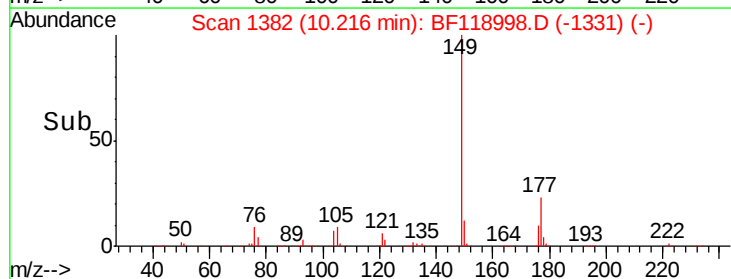
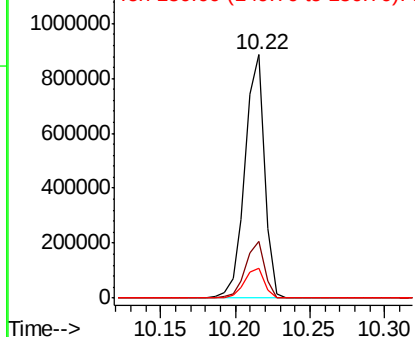


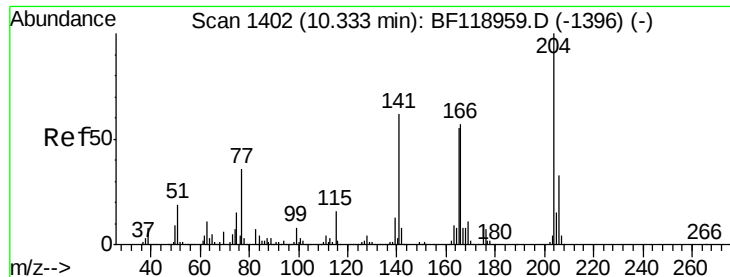
#60
 Diethylphthalate
 Concen: 42.343 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: BF118998.D
 Acq: 21 Feb 2020 17:52

Tgt Ion:	149	Resp:	804569
Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.1	27.1
150	12.2	10.4	15.6



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: 41.215 ng

RT: 10.33 min Scan# 1402

Delta R.T. 0.00 min

Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

Instrument :

BNA_F

ClientSampled :

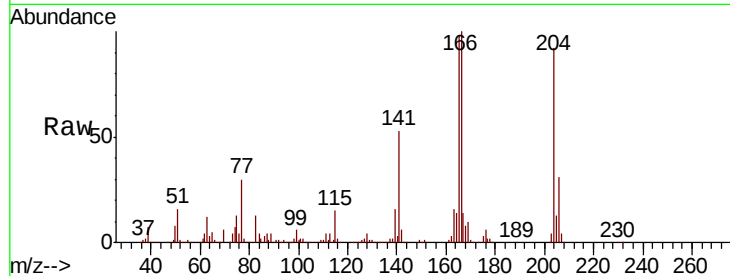
Tot Ion:204 Resp: 378423

Ion Ratio Lower Upper

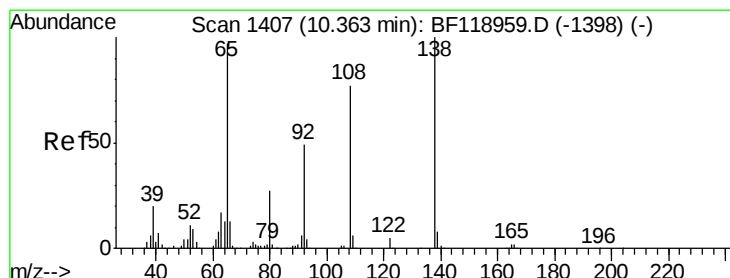
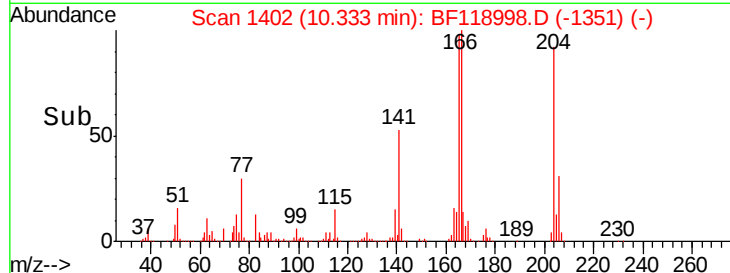
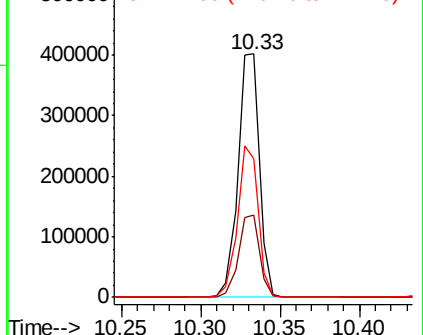
204 100

206 33.8 26.5 39.7

141 57.0 49.5 74.3



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



#62

4-Nitroaniline

Concen: 27.701 ng

RT: 10.36 min Scan# 1406

Delta R.T. -0.01 min

Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

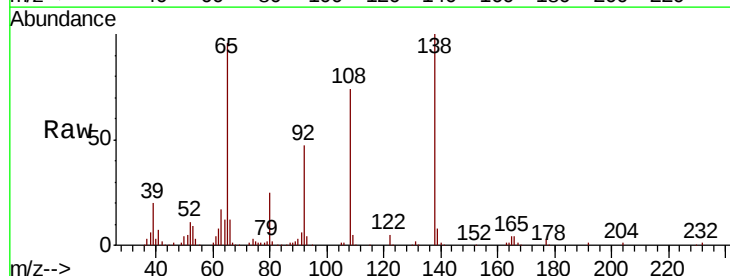
Tgt Ion:138 Resp: 140746

Ion Ratio Lower Upper

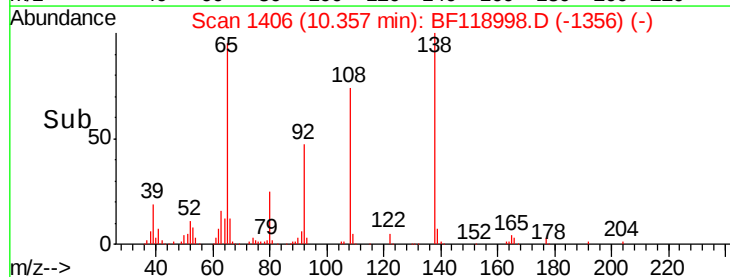
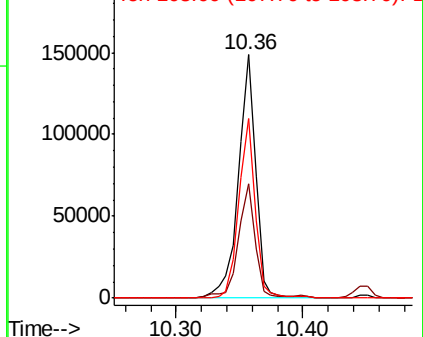
138 100

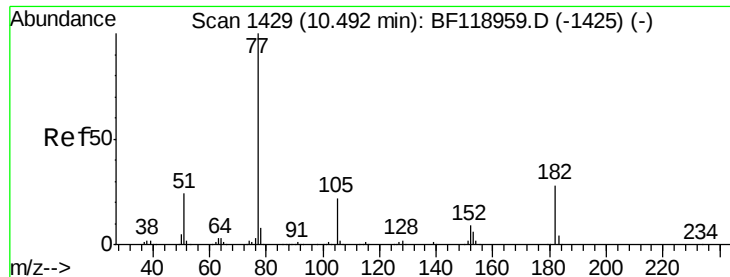
92 46.9 28.7 68.7

108 73.8 56.8 96.8



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

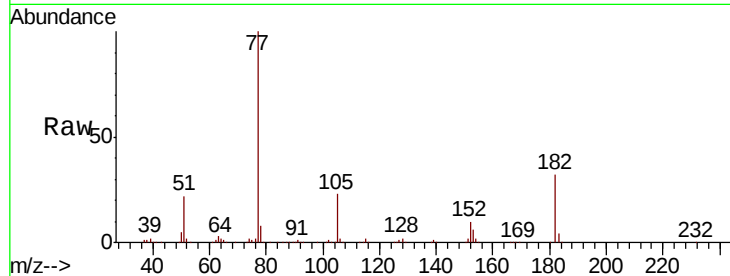




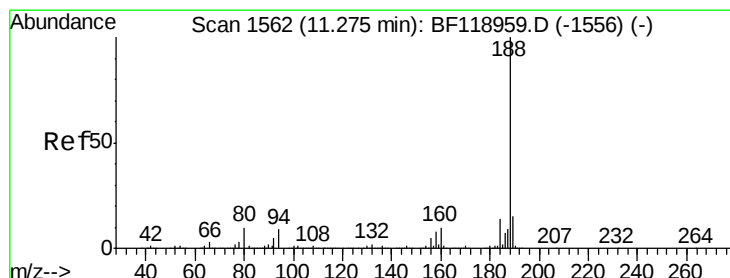
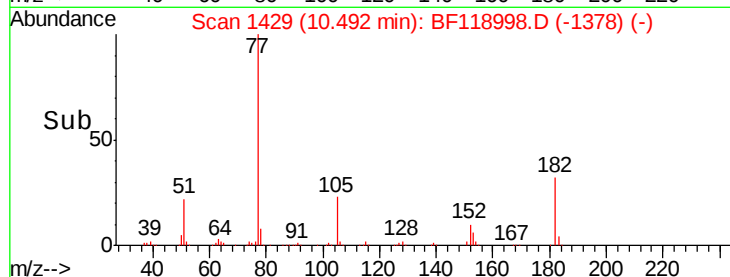
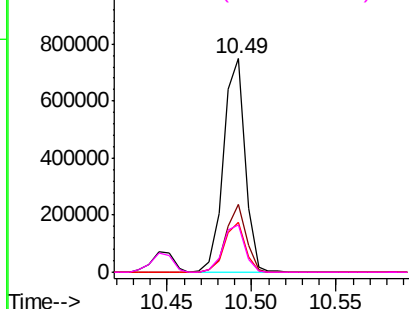
#63
Azobenzene
Concen: 40.258 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 664907
Ion Ratio Lower Upper
77 100
182 32.0 8.2 48.2
105 23.3 2.3 42.3
51 22.1 3.6 43.6

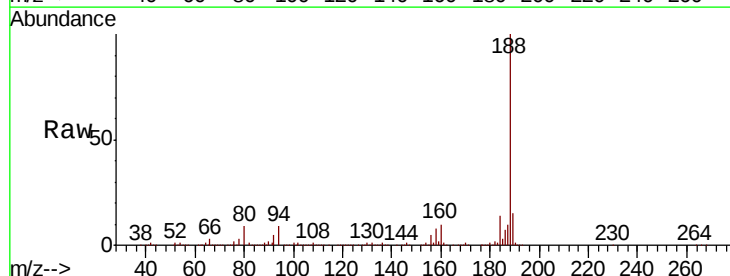


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

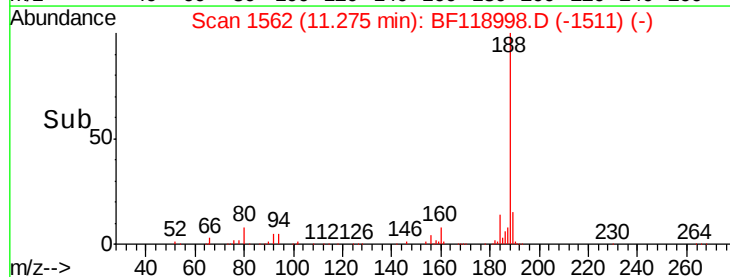
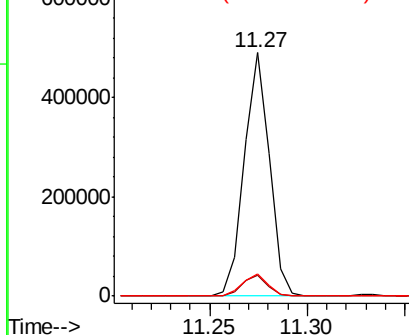


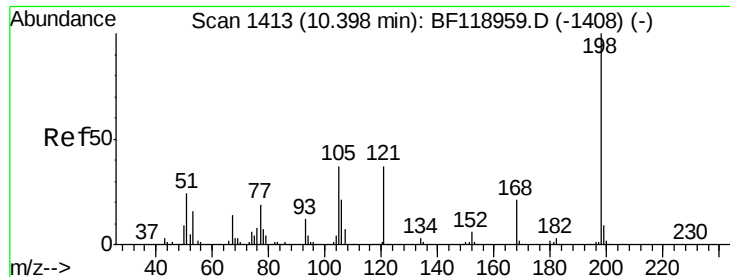
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Tgt Ion: 188 Resp: 439533
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.6
80 9.2 7.9 11.9



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

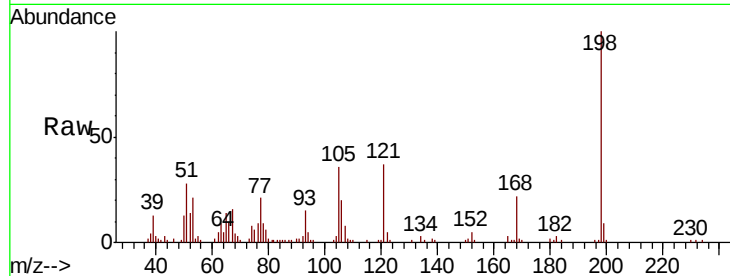




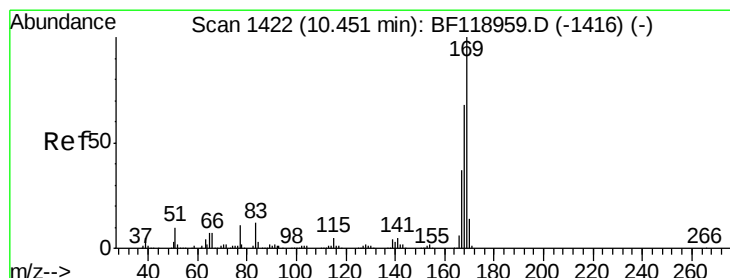
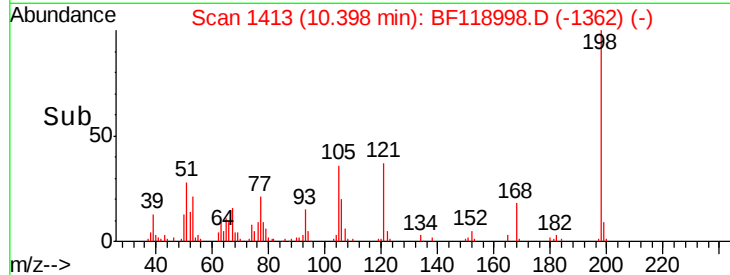
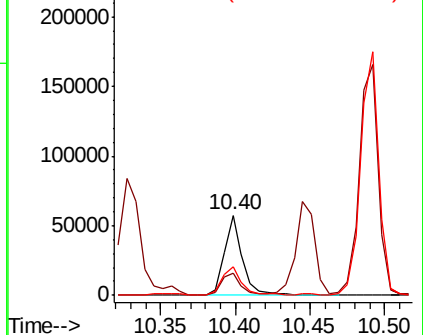
#65
4,6-Dinitro-2-methylphenol
Concen: 18.645 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	27.7	7.1	47.1
105	36.3	18.3	58.3

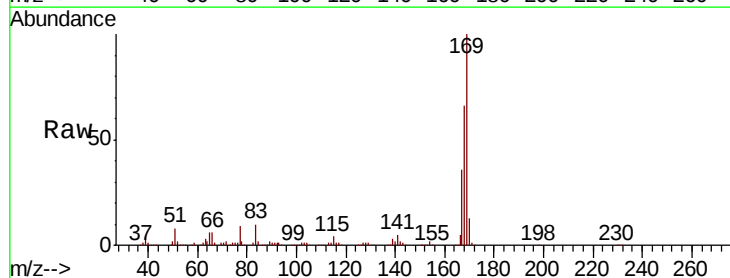


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

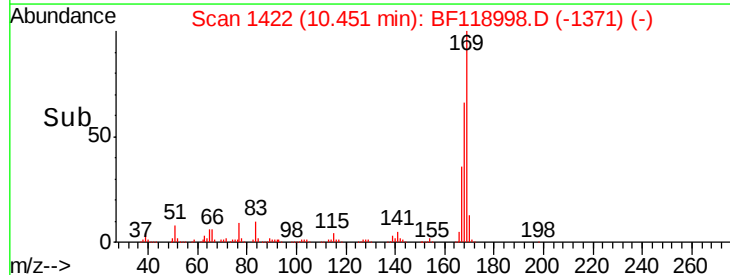
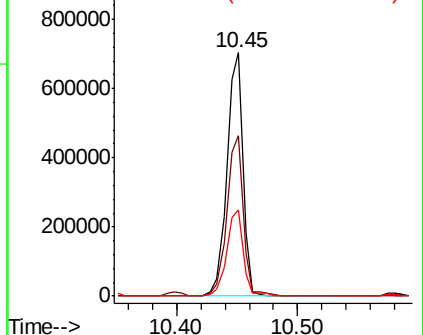


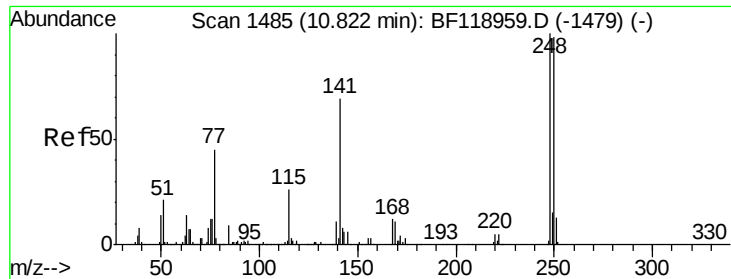
#66
n-Nitrosodiphenylamine
Concen: 44.989 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.0	54.2	81.2
167	35.6	29.4	44.2



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

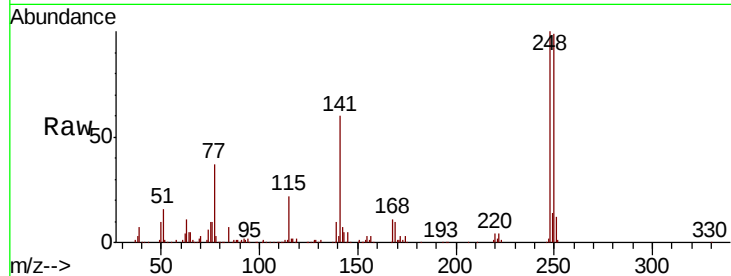




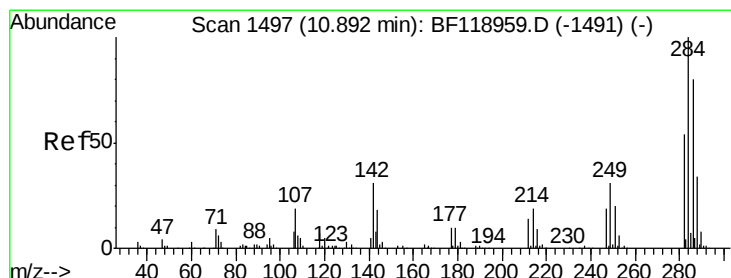
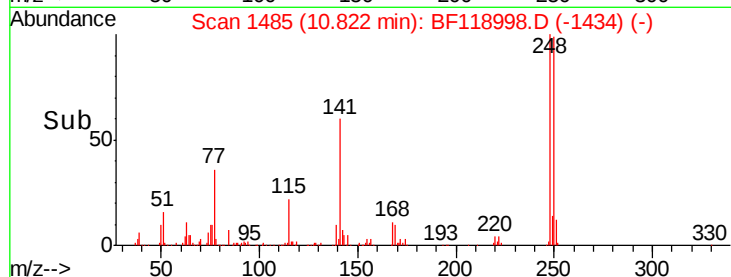
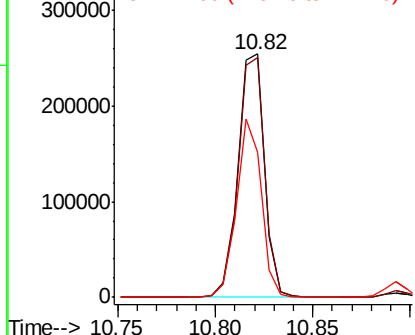
#67
4-Bromophenyl-phenylether
Concen: 41.746 ng
RT: 10.82 min Scan# 1485
Delta R.T. 0.00 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 239841
Ion Ratio Lower Upper
248 100
250 98.5 78.8 118.2
141 59.6 55.3 82.9

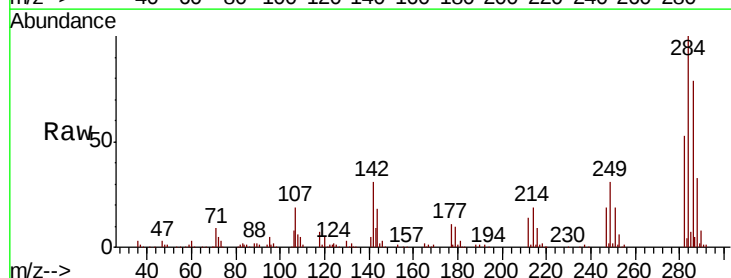


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

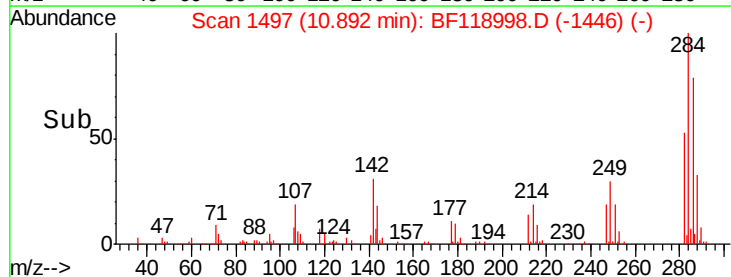
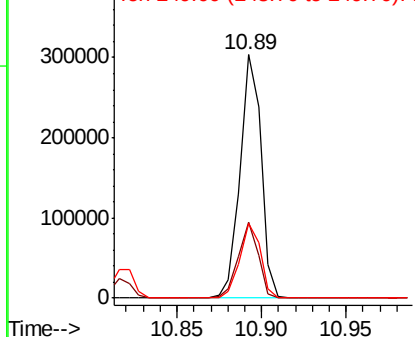


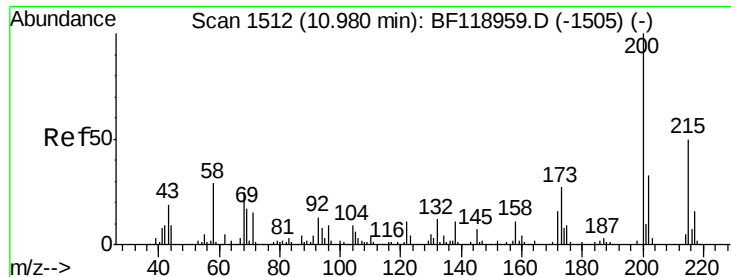
#68
Hexachlorobenzene
Concen: 39.690 ng
RT: 10.89 min Scan# 1497
Delta R.T. 0.00 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Tgt Ion:284 Resp: 262908
Ion Ratio Lower Upper
284 100
142 31.3 25.0 37.6
249 30.8 25.0 37.4



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

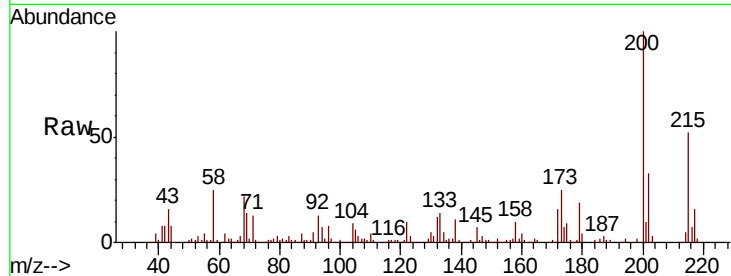




#69
Atrazine
Concen: 43.854 ng
RT: 10.98 min Scan# 1512
Delta R.T. 0.00 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.9	6.9	46.9
215	51.5	29.7	69.7

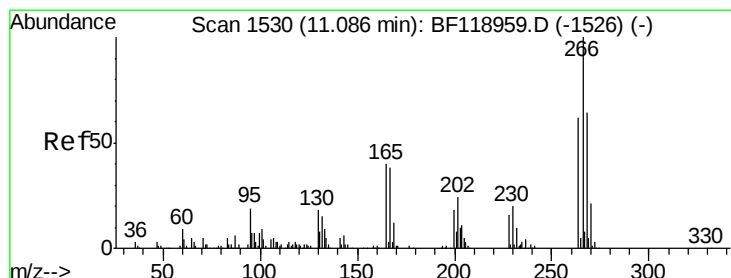
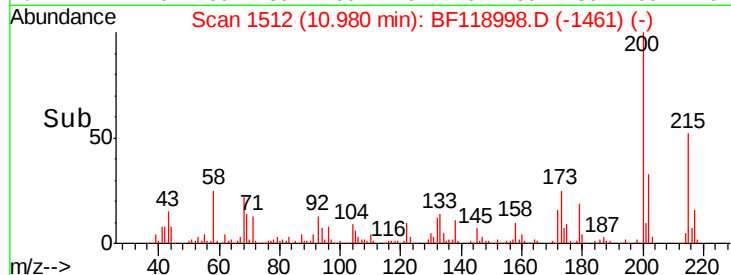
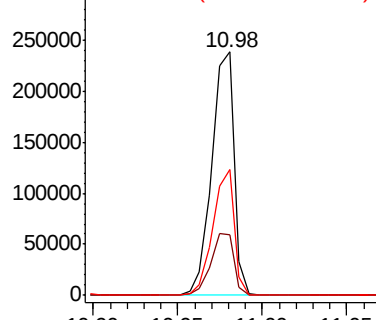


Abundance

Ion 200.00 (199.70 to 200.70): E

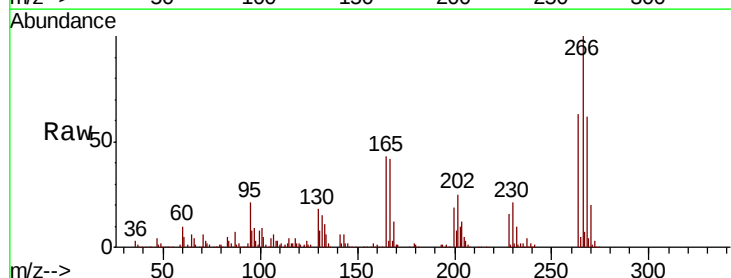
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 93.127 ng
RT: 11.09 min Scan# 1530
Delta R.T. 0.00 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.4	51.4	77.0
264	62.9	49.5	74.3

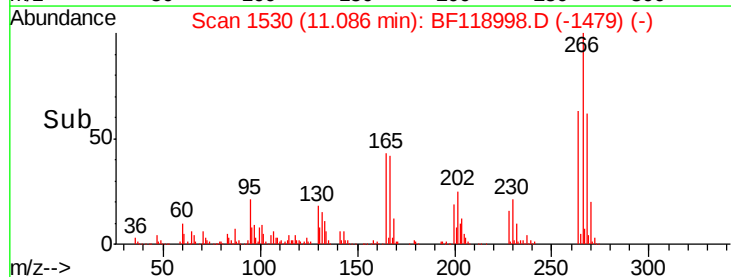
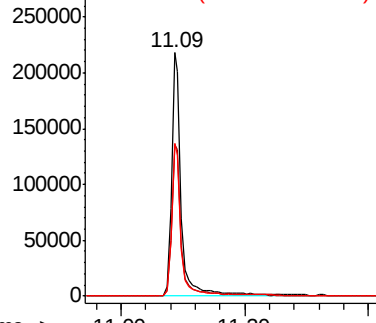


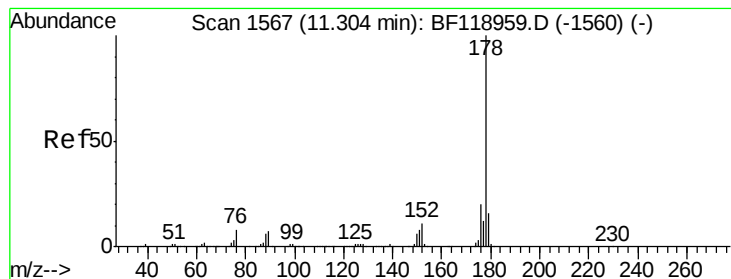
Abundance

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: 42.071 ng

RT: 11.30 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

Instrument :

BNA_F

ClientSampleId :

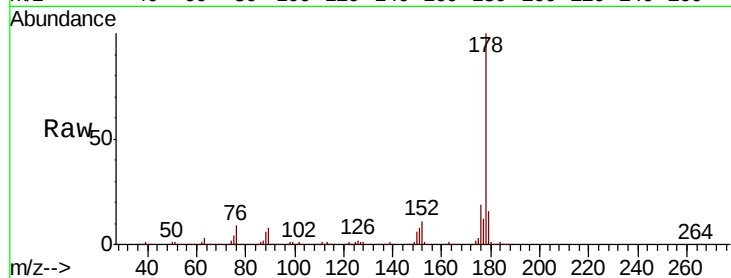
Tot Ion:178 Resp: 1008431

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

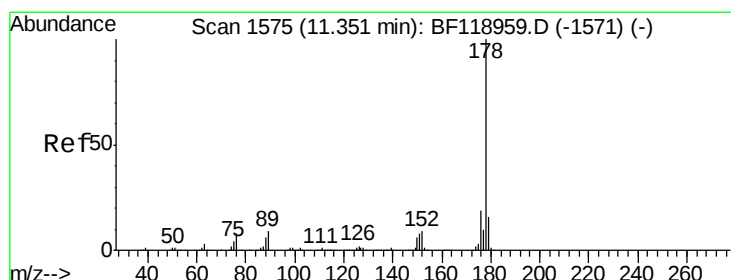
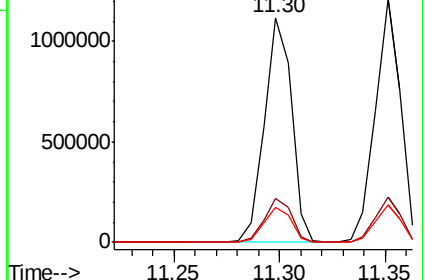
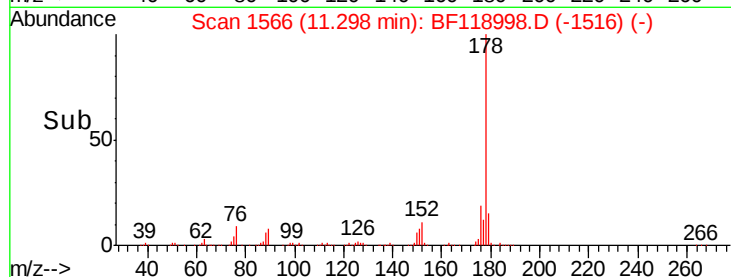
179 15.8 12.6 18.8



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: 42.856 ng

RT: 11.35 min Scan# 1575

Delta R.T. 0.00 min

Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

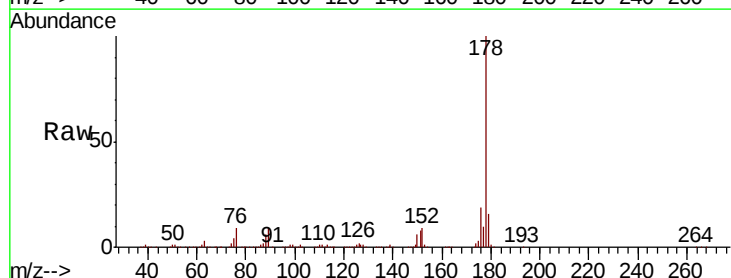
Tgt Ion:178 Resp: 1026403

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.2

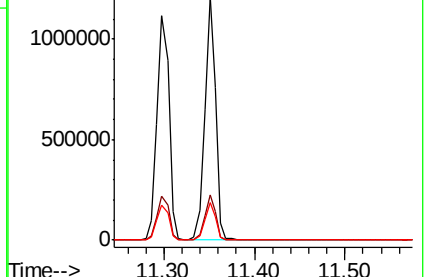
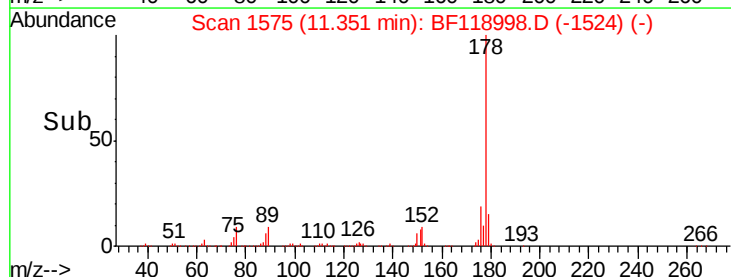
179 15.6 12.8 19.2

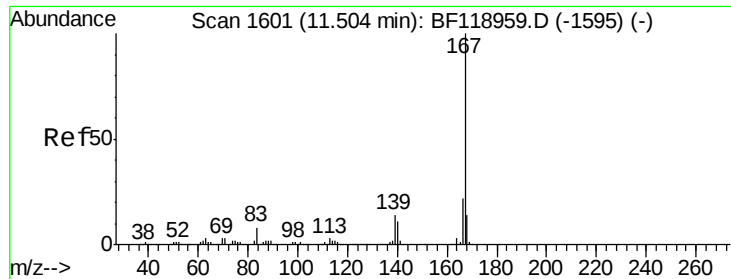


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 41.965 ng

RT: 11.50 min Scan# 1601

Delta R.T. 0.00 min

Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

Instrument :

BNA_F

ClientSampleId :

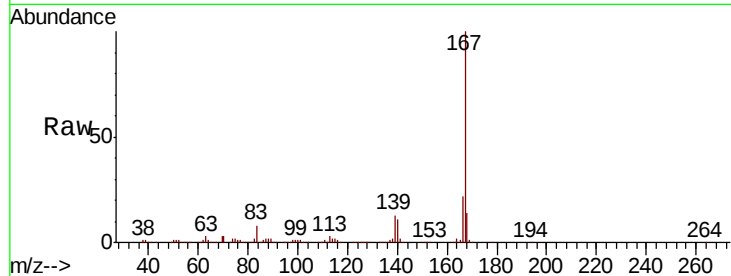
Tot Ion:167 Resp: 895390

Ion Ratio Lower Upper

167 100

166 22.4 17.8 26.6

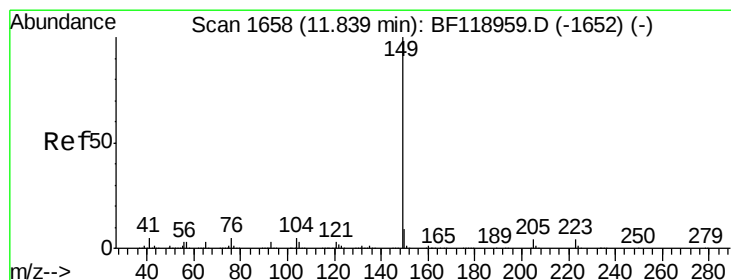
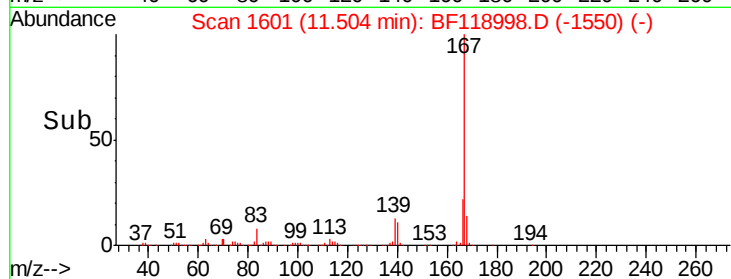
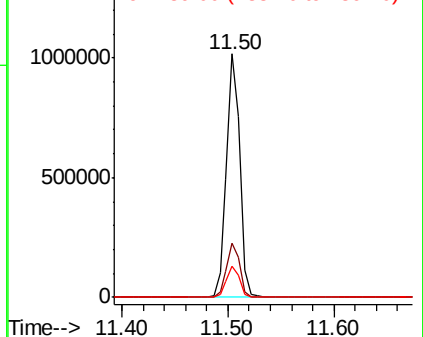
139 13.0 11.2 16.8



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: 44.235 ng

RT: 11.83 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

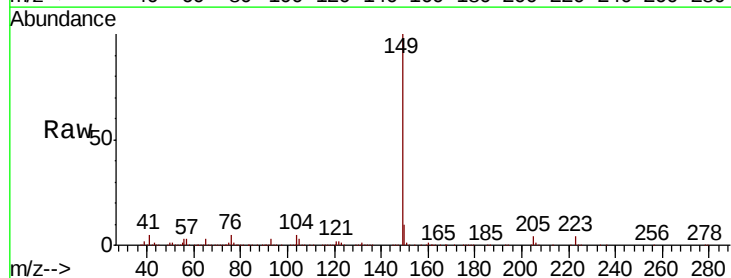
Tgt Ion:149 Resp: 1142966

Ion Ratio Lower Upper

149 100

150 9.7 7.5 11.3

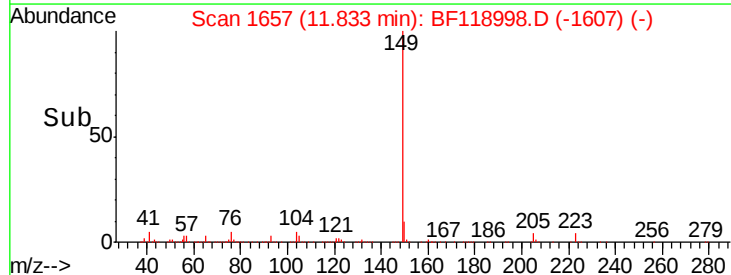
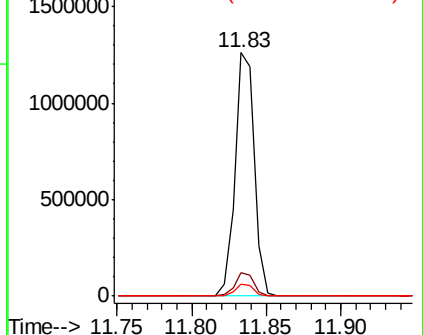
104 5.0 4.0 6.0

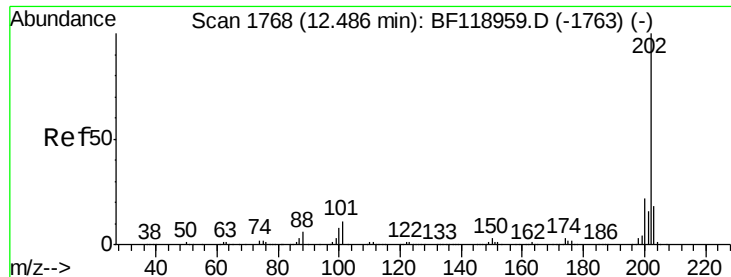


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.413 ng

RT: 12.49 min Scan# 1768

Delta R.T. 0.00 min

Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

Instrument :

BNA_F

ClientSampleId :

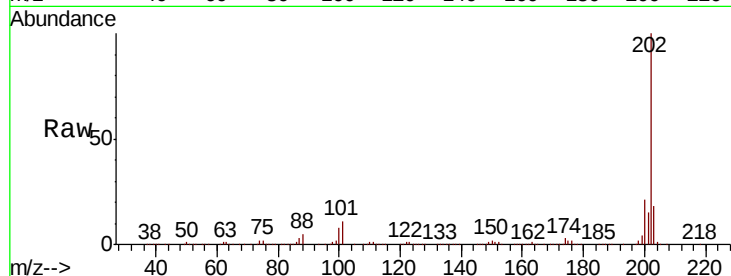
Tot Ion:202 Resp: 1079130

Ion Ratio Lower Upper

202 100

101 10.9 0.0 31.1

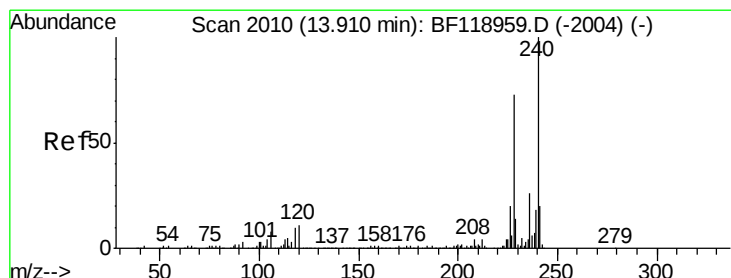
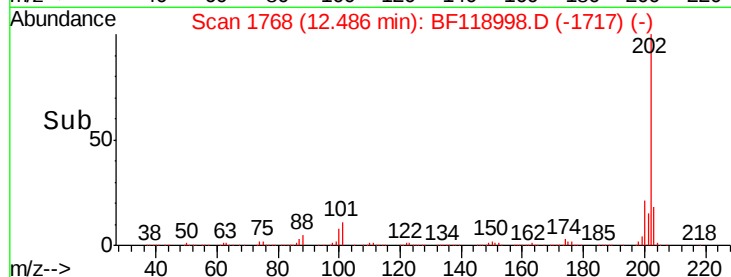
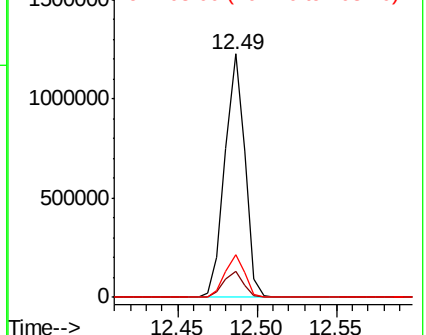
203 17.8 0.0 38.1



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: 13.92 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

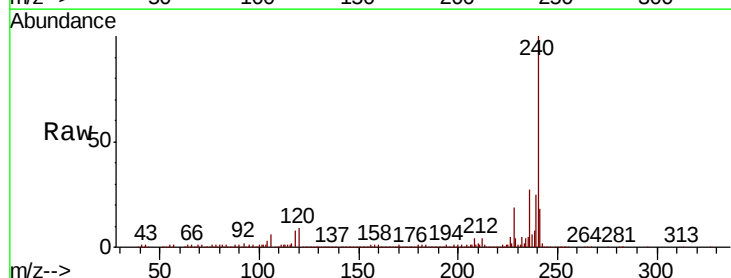
Tgt Ion:240 Resp: 345944

Ion Ratio Lower Upper

240 100

120 8.5 8.9 13.3#

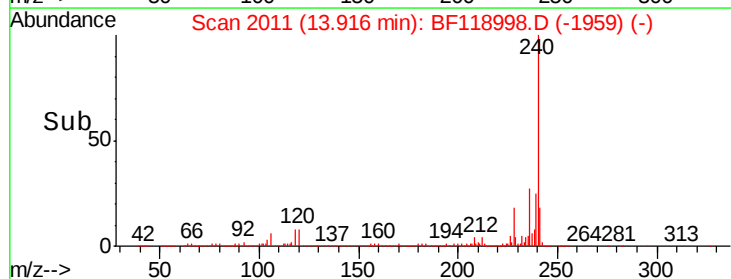
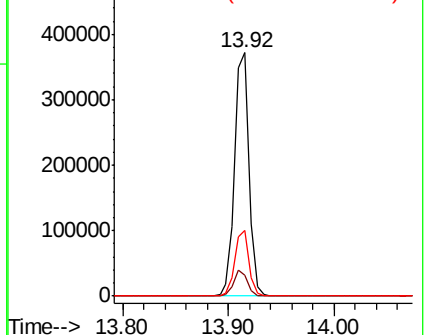
236 26.8 20.6 30.8

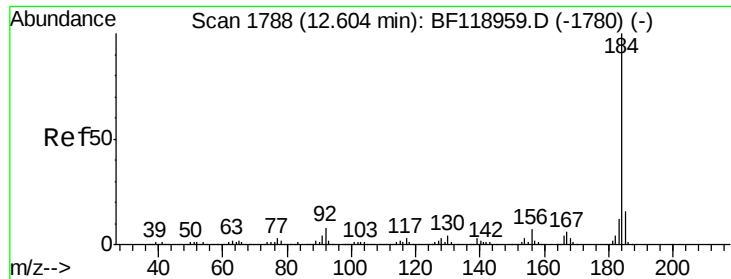


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 52.750 ng

RT: 12.61 min Scan# 1789

Delta R.T. 0.01 min

Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

Instrument :

BNA_F

ClientSampleId :

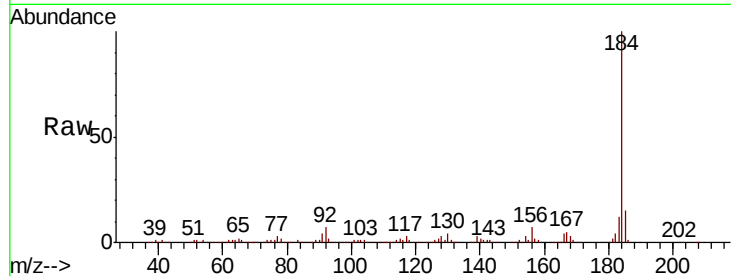
Tot Ion:184 Resp: 742147

Ion Ratio Lower Upper

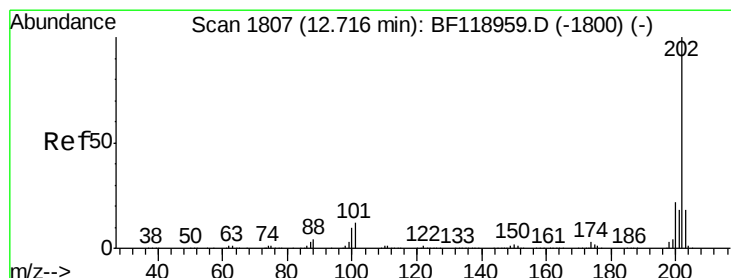
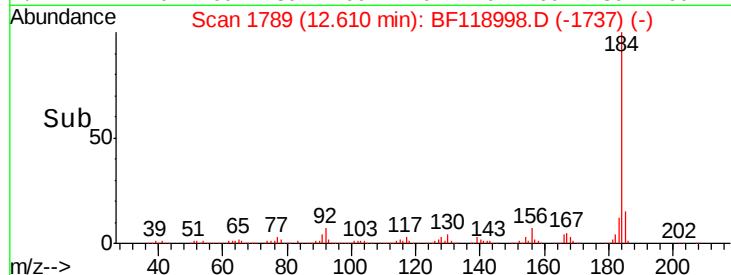
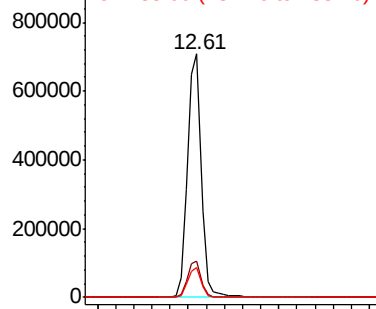
184 100

185 14.7 12.6 19.0

183 12.2 9.9 14.9



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: 38.978 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.00 min

Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

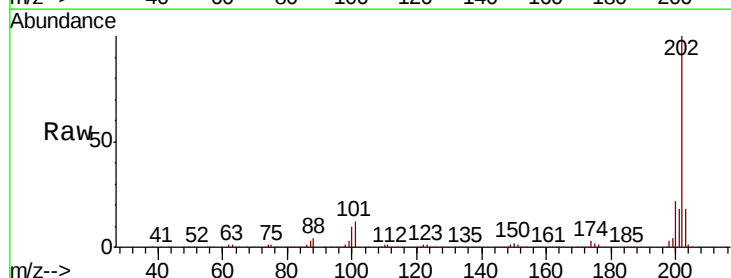
Tgt Ion:202 Resp: 1082757

Ion Ratio Lower Upper

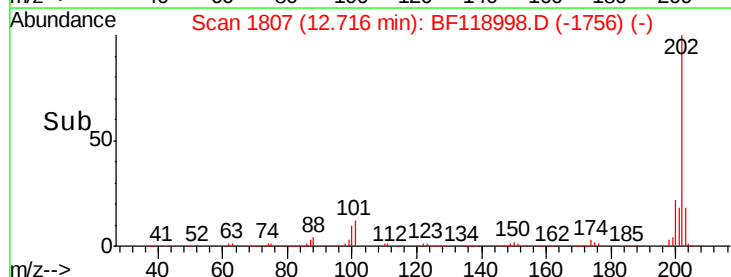
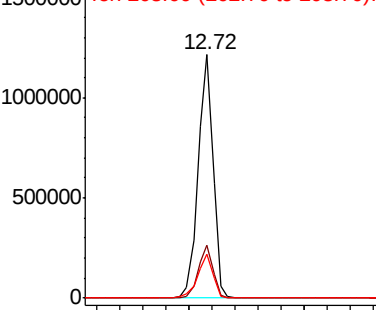
202 100

200 21.6 17.4 26.0

203 17.8 14.5 21.7



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: 65.509 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

Instrument :

BNA_F

ClientSampleId :

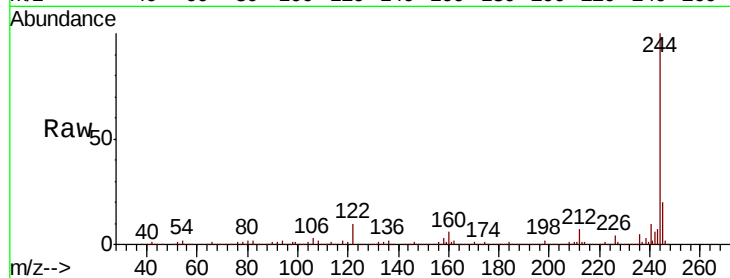
Tot Ion:244 Resp: 1316299

Ion Ratio Lower Upper

244 100

212 6.8 6.3 9.5

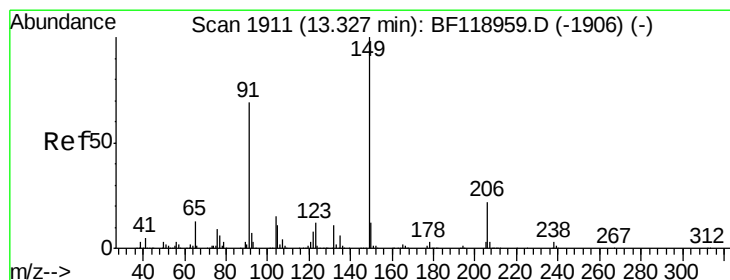
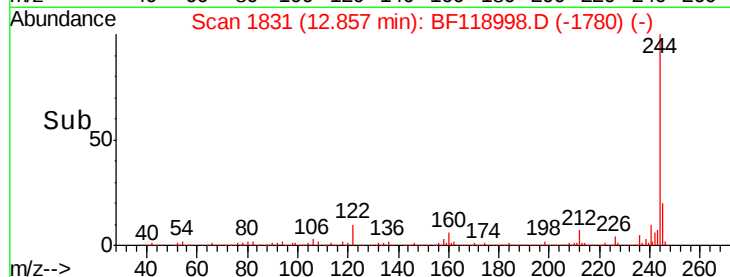
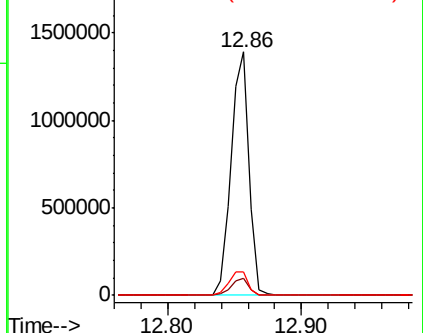
122 9.5 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.370 ng

RT: 13.33 min Scan# 1911

Delta R.T. 0.00 min

Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

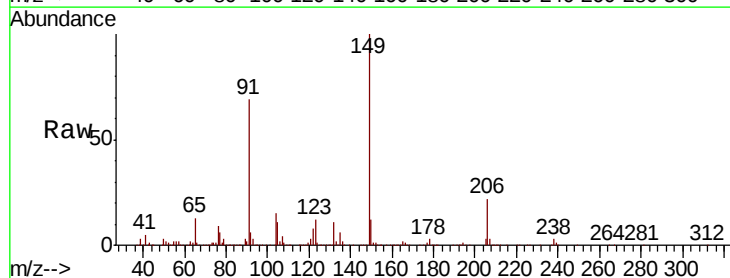
Tgt Ion:149 Resp: 460283

Ion Ratio Lower Upper

149 100

91 68.8 55.4 83.2

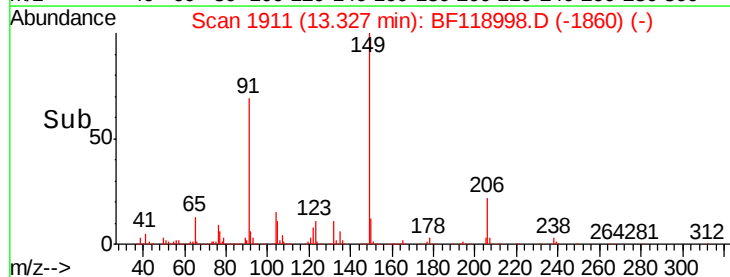
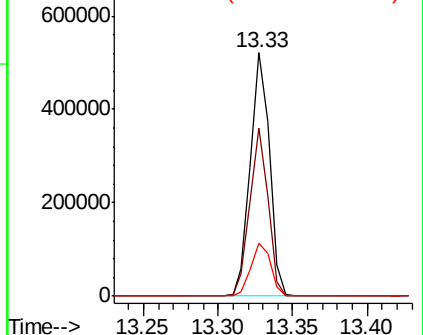
206 21.9 17.7 26.5

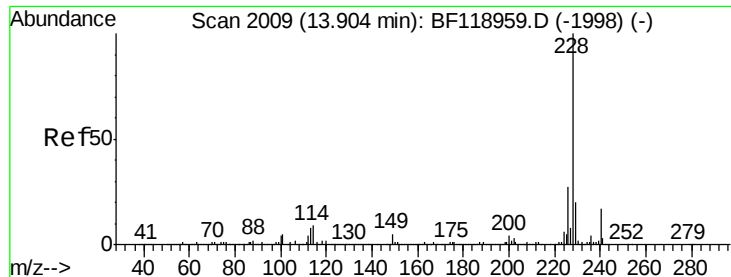


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.499 ng

RT: 13.90 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

Instrument :

BNA_F

ClientSampleId :

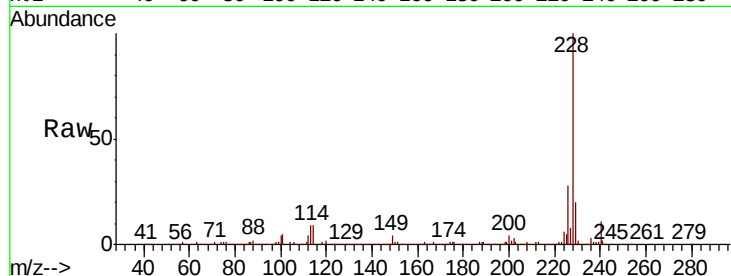
Tot Ion:228 Resp: 978184

Ion Ratio Lower Upper

228 100

226 27.7 21.8 32.8

229 19.8 16.0 24.0

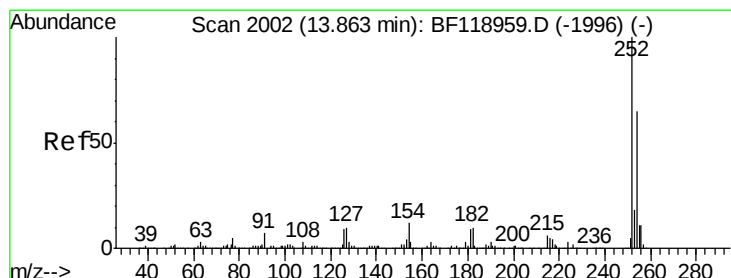
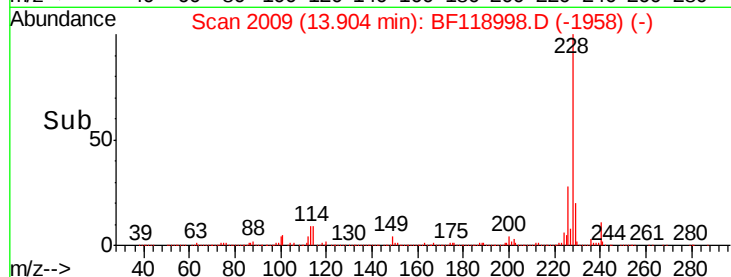
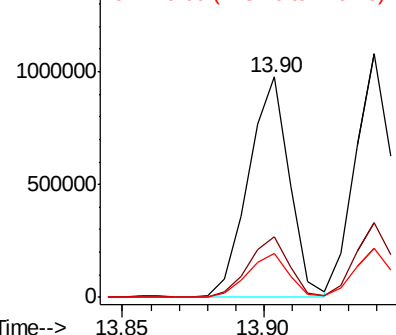


Abundance

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: 41.147 ng

RT: 13.86 min Scan# 2002

Delta R.T. 0.00 min

Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

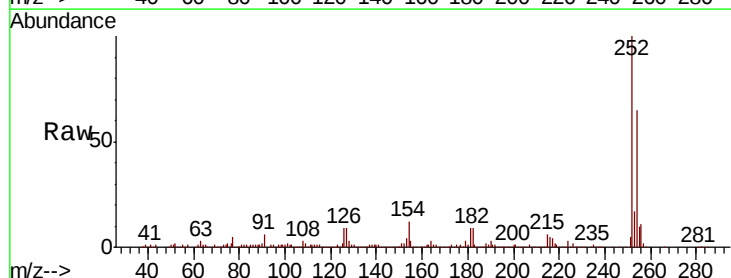
Tgt Ion:252 Resp: 376613

Ion Ratio Lower Upper

252 100

254 64.7 52.1 78.1

126 9.2 7.3 10.9

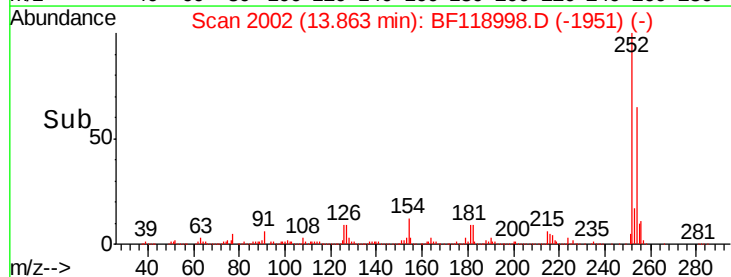
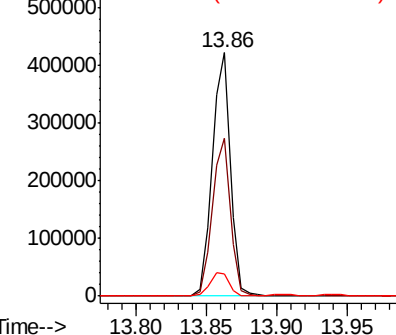


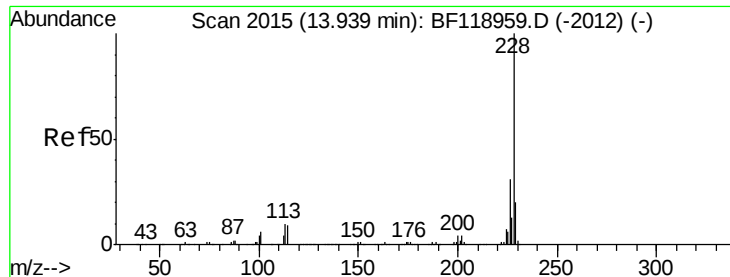
Abundance

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: 40.166 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

Instrument :

BNA_F

ClientSampleId :

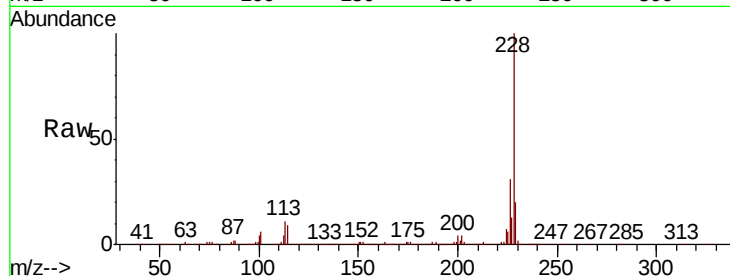
Tot Ion:228 Resp: 943378

Ion Ratio Lower Upper

228 100

226 30.6 24.6 37.0

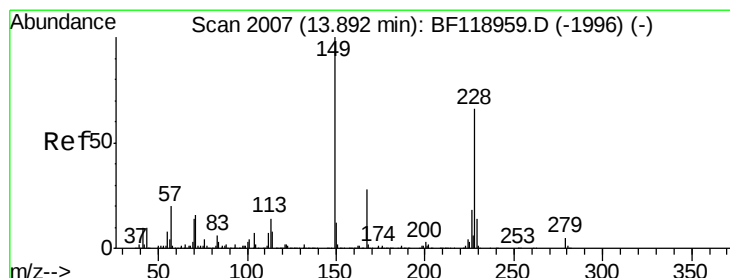
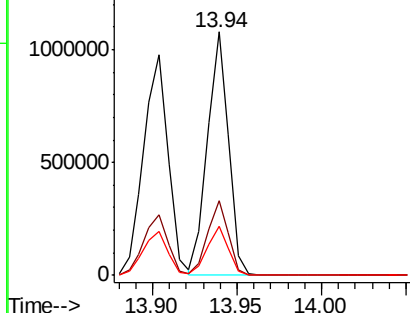
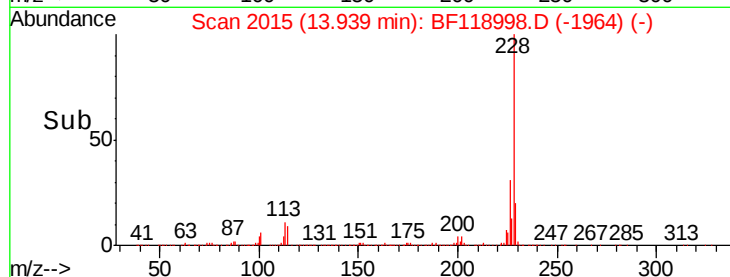
229 20.4 16.2 24.2



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.504 ng

RT: 13.89 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

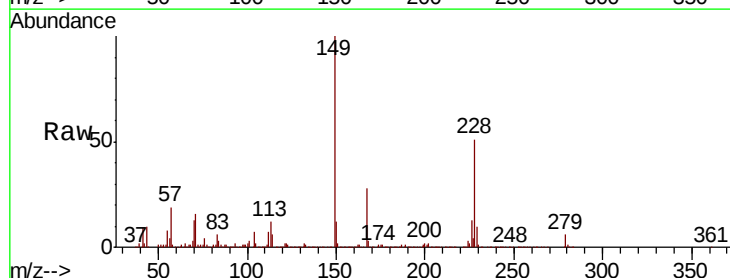
Tgt Ion:149 Resp: 642573

Ion Ratio Lower Upper

149 100

167 28.0 22.3 33.5

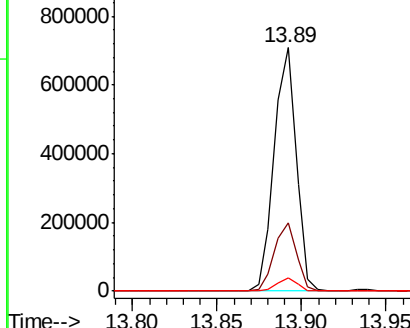
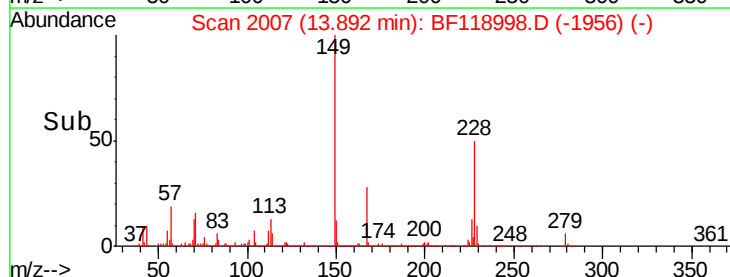
279 5.5 4.2 6.4

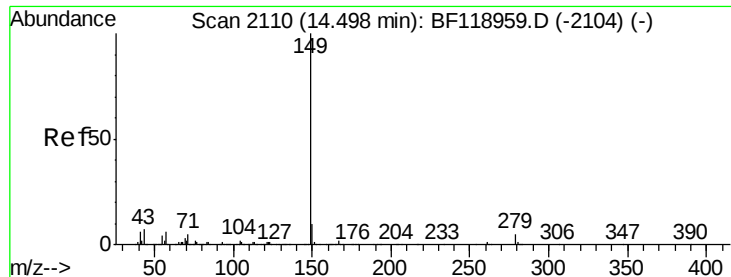


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.702 ng

RT: 14.50 min Scan# 2110

Delta R.T. 0.00 min

Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

Instrument :

BNA_F

ClientSampleId :

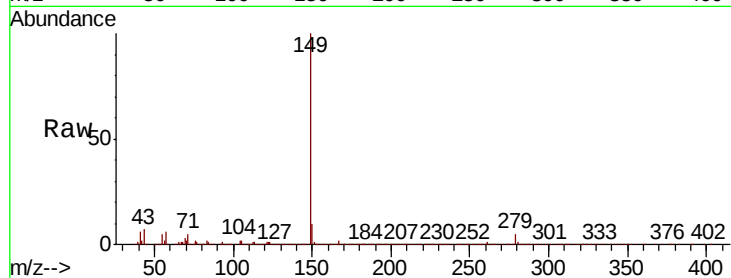
Tot Ion:149 Resp: 1075526

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

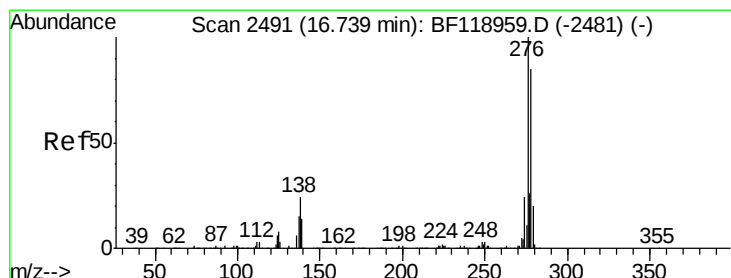
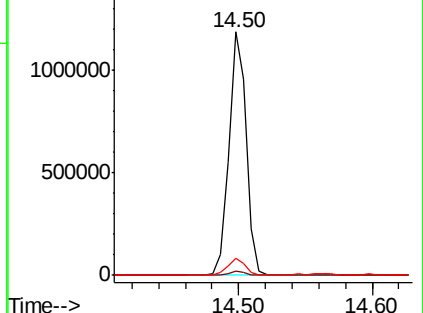
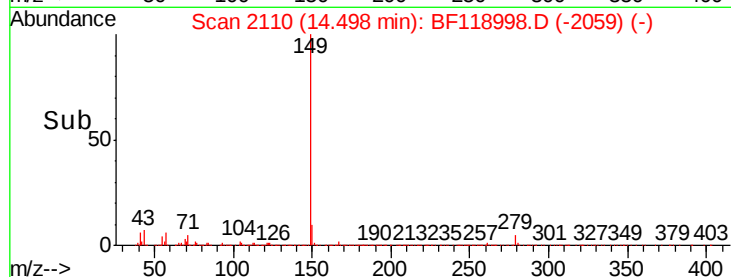
43 6.5 5.2 7.8



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: 33.587 ng

RT: 16.75 min Scan# 2493

Delta R.T. 0.01 min

Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

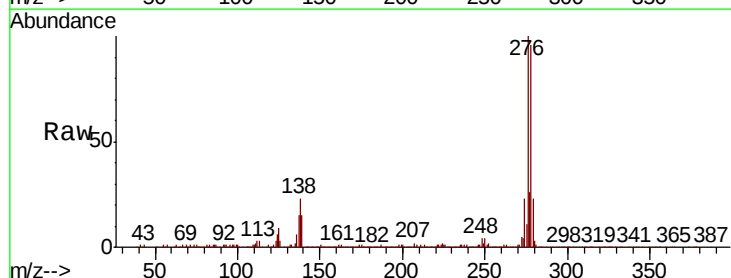
Tgt Ion:276 Resp: 763826

Ion Ratio Lower Upper

276 100

138 21.5 18.7 28.1

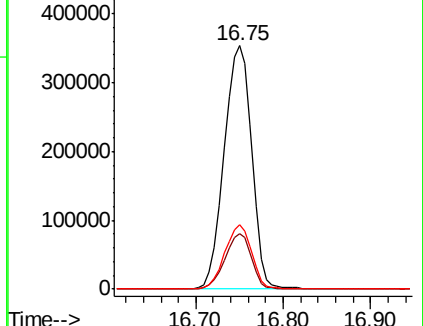
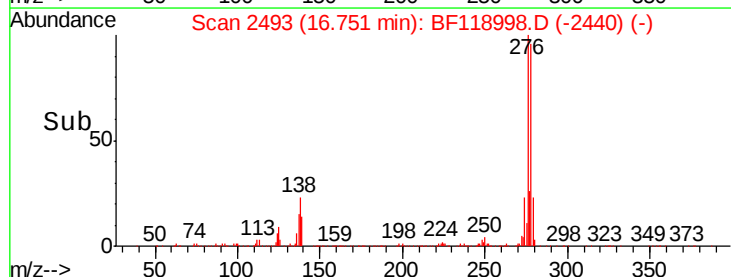
277 25.3 20.3 30.5

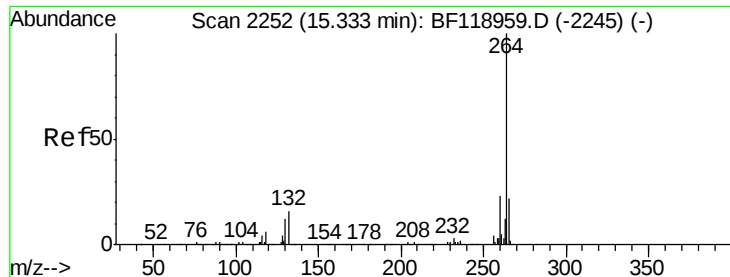


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

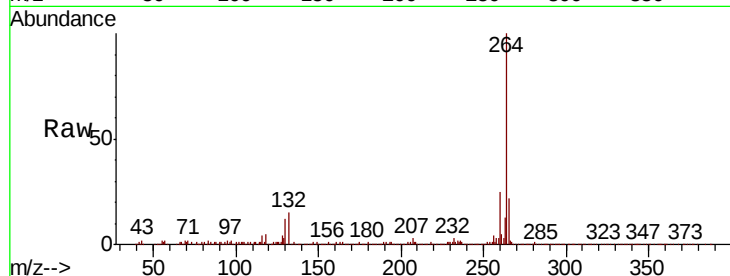




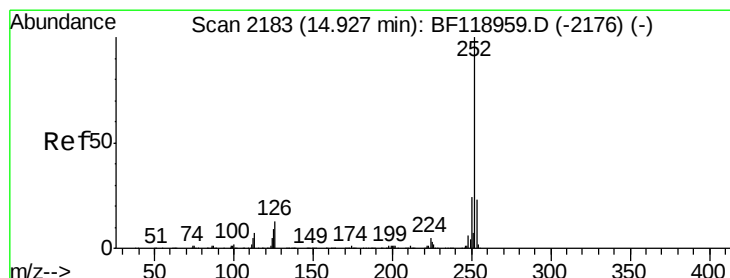
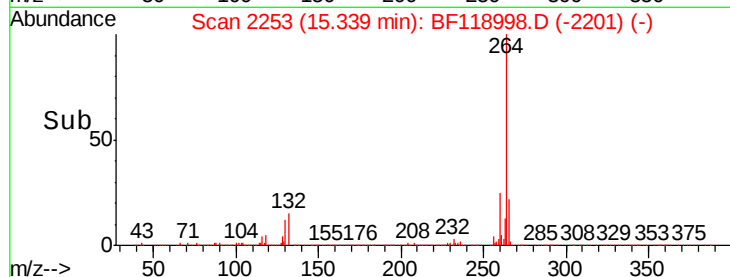
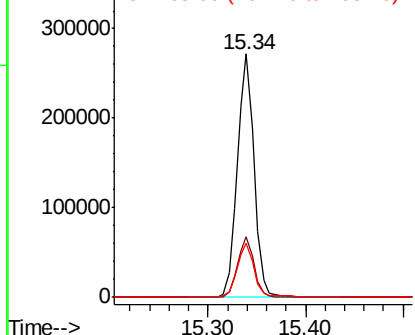
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.01 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.6	28.0
265	22.1	17.3	25.9

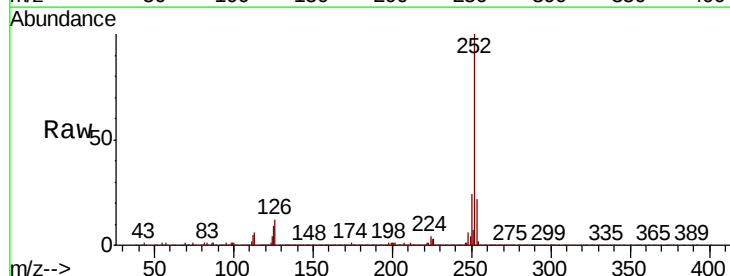


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

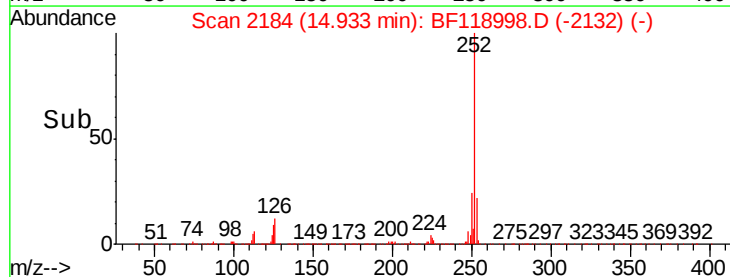
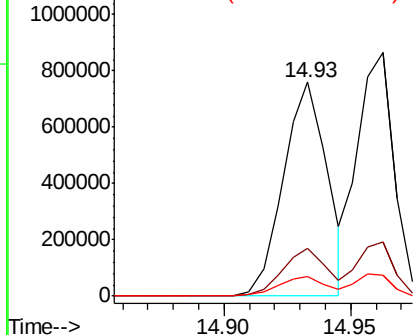


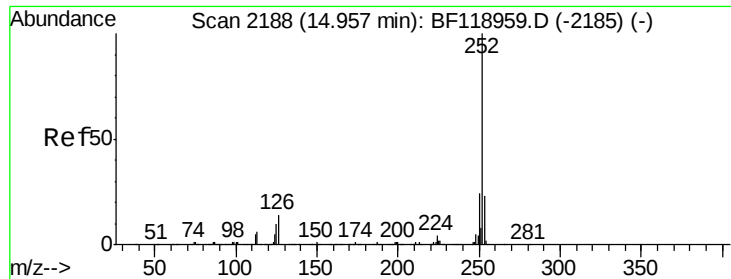
#88
Benzo(b)fluoranthene
Concen: 42.849 ng
RT: 14.93 min Scan# 2184
Delta R.T. 0.01 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	9.1	7.4	11.0



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

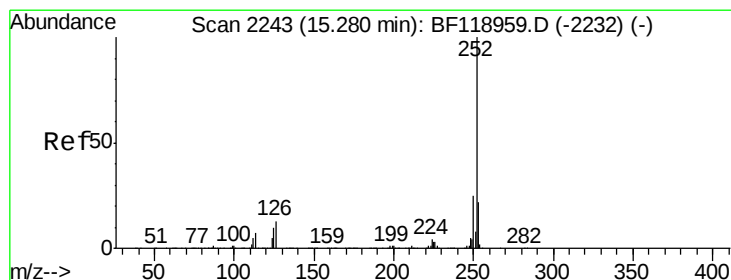
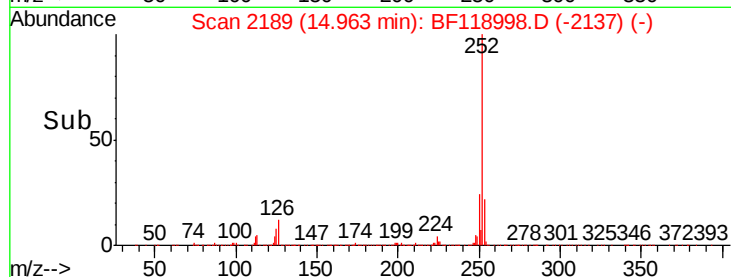
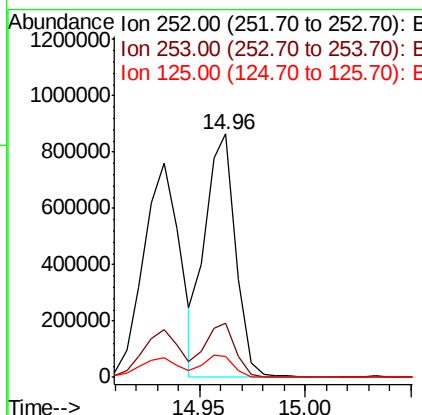
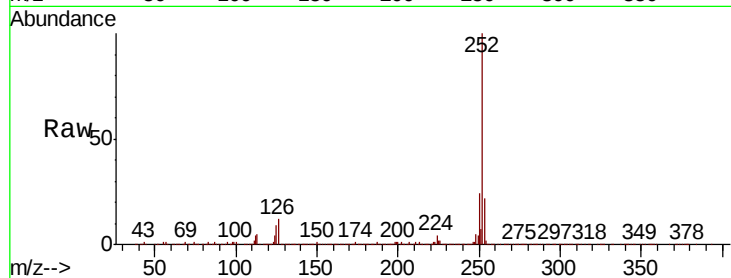




#89
Benzo(k)fluoranthene
Concen: 43.727 ng
RT: 14.96 min Scan# 2189
Delta R.T. 0.01 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

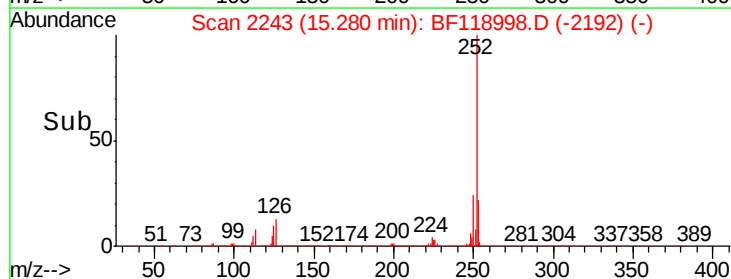
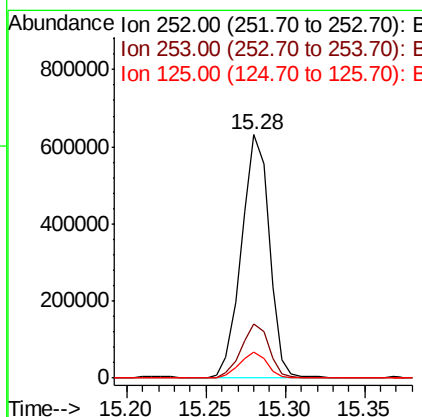
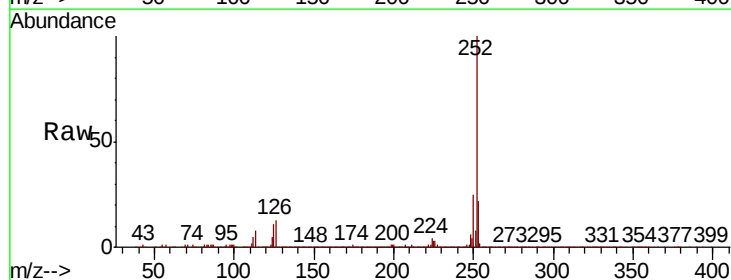
Instrument :
BNA_F
ClientSampled :

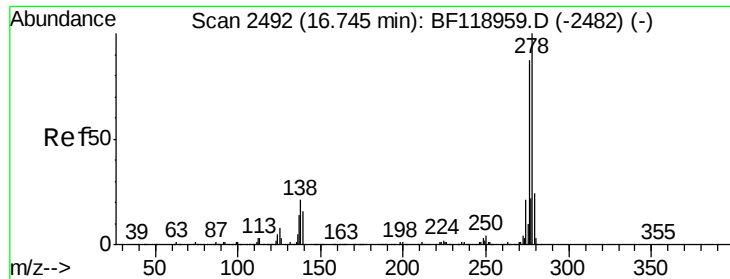
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	8.6	7.3	10.9



#90
Benzo(a)pyrene
Concen: 40.007 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.00 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	10.7	7.8	11.6





#91

Dibenzo(a,h)anthracene

Concen: 38.194 ng

RT: 16.76 min Scan# 2494

Delta R.T. 0.01 min

Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

Instrument :

BNA_F

ClientSampleId :

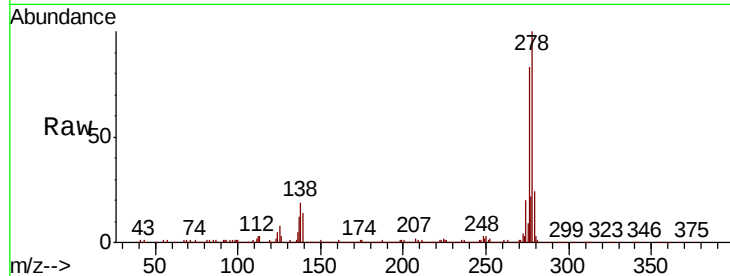
Tot Ion:278 Resp: 646859

Ion Ratio Lower Upper

278 100

139 14.0 12.6 18.8

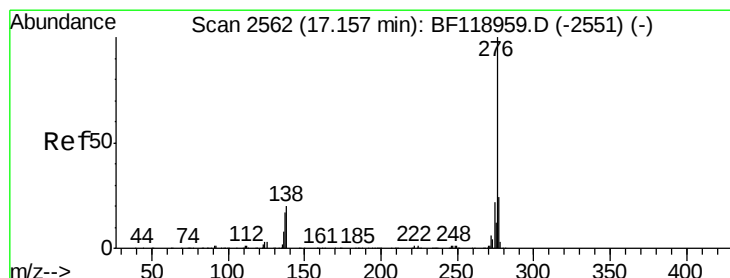
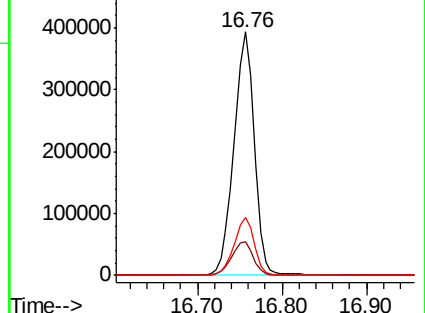
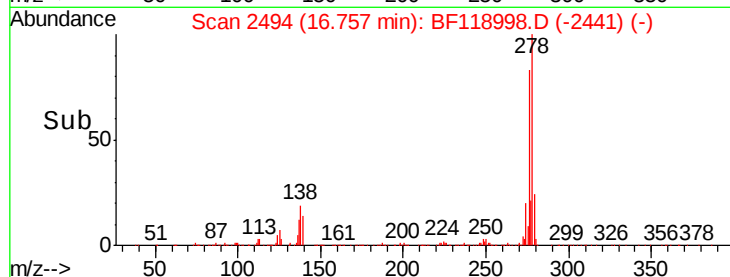
279 24.1 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 36.442 ng

RT: 17.17 min Scan# 2564

Delta R.T. 0.01 min

Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

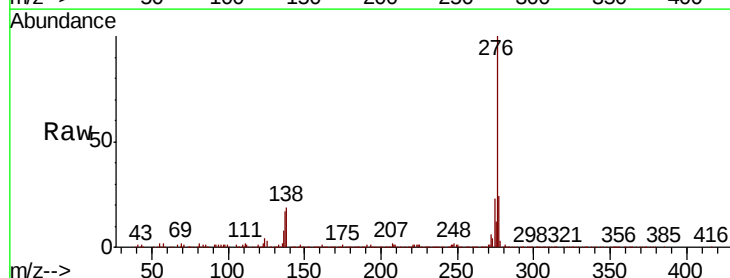
Tgt Ion:276 Resp: 609816

Ion Ratio Lower Upper

276 100

277 23.8 19.2 28.8

138 19.5 16.2 24.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

