

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119017.D
 Acq On : 24 Feb 2020 11:57
 Operator : CG/JU
 Sample : L1362-03MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 25 00:22:00 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	182344	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	696122	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	381997	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	694990	20.00	ng	0.00
76) Chrysene-d12	13.92	240	463376	20.00	ng	0.00
87) Perylene-d12	15.34	264	426429	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1294897	118.68	ng	0.02
7) Phenol-d6	6.41	99	1483813	111.82	ng	0.00
23) Nitrobenzene-d5	7.32	82	1157664	87.81	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	626953	125.46	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	2287653	88.22	ng	0.00
79) Terphenyl-d14	12.86	244	2531253	94.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	189267	38.960	ng	# 88
3) Pyridine	3.36	79	334303	25.198	ng	99
4) n-Nitrosodimethylamine	3.28	42	189859	47.240	ng	94
6) Aniline	6.42	93	288490	17.619	ng	# 1
8) 2-Chlorophenol	6.55	128	596391	50.648	ng	100
9) Benzaldehyde	6.30	77	219536	24.762	ng	98
10) Phenol	6.42	94	584609	40.747	ng	94
11) bis(2-Chloroethyl)ether	6.50	93	550725	50.168	ng	99
12) 1,3-Dichlorobenzene	6.70	146	597455	42.333	ng	98
13) 1,4-Dichlorobenzene	6.77	146	602865	42.687	ng	99
14) 1,2-Dichlorobenzene	6.93	146	552300	42.880	ng	99
15) Benzyl Alcohol	6.90	79	490664	51.161	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	437252	45.981	ng	60
17) 2-Methylphenol	7.03	107	457563	47.928	ng	# 92
18) Hexachloroethane	7.27	117	214646	42.481	ng	98
19) n-Nitroso-di-n-propylamine	7.18	70	388164	50.200	ng	99
20) 3+4-Methylphenols	7.18	107	556997	47.622	ng	# 71
22) Acetophenone	7.17	105	783391	48.638	ng	96
24) Nitrobenzene	7.34	77	603129	46.260	ng	97
25) Isophorone	7.59	82	1102403	48.146	ng	99
26) 2-Nitrophenol	7.66	139	332687	48.159	ng	94
27) 2,4-Dimethylphenol	7.70	122	496027	52.907	ng	97
28) bis(2-Chloroethoxy)methane	7.79	93	672076	45.095	ng	99
29) 2,4-Dichlorophenol	7.90	162	514401	46.606	ng	99
30) 1,2,4-Trichlorobenzene	7.98	180	565182	43.190	ng	99
31) Naphthalene	8.06	128	1635504	45.302	ng	99
32) Benzoic acid	7.85	122	272099	40.920	ng	98
33) 4-Chloroaniline	8.11	127	201399	12.970	ng	98
34) Hexachlorobutadiene	8.18	225	334695	41.060	ng	98
35) Caprolactam	8.50	113	62523	18.397	ng	95
36) 4-Chloro-3-methylphenol	8.61	107	534087	47.814	ng	96
37) 2-Methylnaphthalene	8.75	142	1164360	47.925	ng	99
38) 1-Methylnaphthalene	8.85	142	1085421	47.504	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	572270	44.433	ng	100

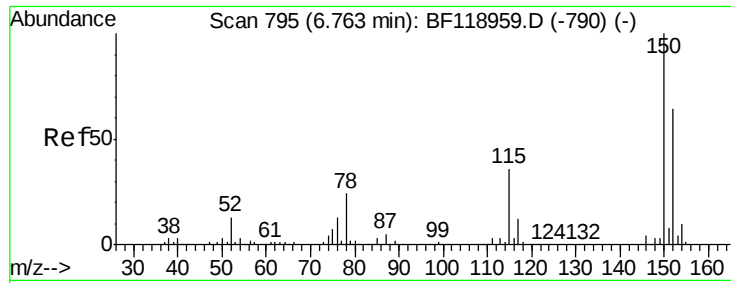
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119017.D
 Acq On : 24 Feb 2020 11:57
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 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	372780	79.574	ng	96
43) 2,4,6-Trichlorophenol	9.04	196	377745	46.445	ng	98
44) 2,4,5-Trichlorophenol	9.09	196	397354	46.558	ng	96
46) 1,1'-Biphenyl	9.22	154	1392744	45.112	ng	99
47) 2-Chloronaphthalene	9.24	162	1112029	44.697	ng	98
48) 2-Nitroaniline	9.34	65	310723	44.778	ng	99
49) Acenaphthylene	9.66	152	1696747	47.220	ng	100
50) Dimethylphthalate	9.52	163	1426098	48.821	ng	100
51) 2,6-Dinitrotoluene	9.59	165	308514	47.539	ng	89
52) Acenaphthene	9.83	154	998284	46.074	ng	99
53) 3-Nitroaniline	9.75	138	141370	19.649	ng	97
54) 2,4-Dinitrophenol	9.87	184	286743	89.890	ng	# 90
55) Dibenzofuran	10.00	168	1492450	46.149	ng	97
56) 4-Nitrophenol	9.93	139	358678	82.976	ng	95
57) 2,4-Dinitrotoluene	9.99	165	381958	45.407	ng	# 87
58) Fluorene	10.35	166	1172478	46.657	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.12	232	334251	46.414	ng	99
60) Diethylphthalate	10.22	149	1266028	45.991	ng	99
61) 4-Chlorophenyl-phenylether	10.33	204	608527	45.748	ng	98
62) 4-Nitroaniline	10.37	138	294447	40.001	ng	99
63) Azobenzene	10.49	77	1120369	46.824	ng	98
65) 4,6-Dinitro-2-methylphenol	10.41	198	221295	52.621	ng	98
66) n-Nitrosodiphenylamine	10.45	169	1076076	47.286	ng	98
67) 4-Bromophenyl-phenylether	10.82	248	415665	45.756	ng	97
68) Hexachlorobenzene	10.90	284	467855	44.669	ng	96
69) Atrazine	10.99	200	372095	46.799	ng	99
70) Pentachlorophenol	11.09	266	427994	101.442	ng	99
71) Phenanthrene	11.30	178	1733837	45.746	ng	99
72) Anthracene	11.36	178	1760719	46.494	ng	99
73) Carbazole	11.51	167	1546867	45.850	ng	99
74) Di-n-butylphthalate	11.84	149	1865053	45.649	ng	99
75) Fluoranthene	12.49	202	1808461	44.952	ng	99
77) Benzidine	12.60	184	280746	14.898	ng	98
78) Pyrene	12.72	202	1789633	48.097	ng	100
80) Butylbenzylphthalate	13.33	149	756843	48.330	ng	94
81) Benzo(a)anthracene	13.90	228	1489225	47.168	ng	100
82) 3,3'-Dichlorobenzidine	13.86	252	278332	22.703	ng	99
83) Chrysene	13.94	228	1435670	45.635	ng	99
84) Bis(2-ethylhexyl)phthalate	13.89	149	976315	49.348	ng	99
85) Di-n-octyl phthalate	14.50	149	1538263	48.799	ng	100
86) Indeno(1,2,3-cd)pyrene	16.76	276	1322453	43.414	ng	99
88) Benzo(b)fluoranthene	14.94	252	1455520	51.783	ng	99
89) Benzo(k)fluoranthene	14.96	252	1212991	46.567	ng	99
90) Benzo(a)pyrene	15.29	252	1172421	46.216	ng	99
91) Dibenzo(a,h)anthracene	16.77	278	1108173	49.647	ng	98
92) Benzo(g,h,i)perylene	17.19	276	1135531	51.488	ng	97

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

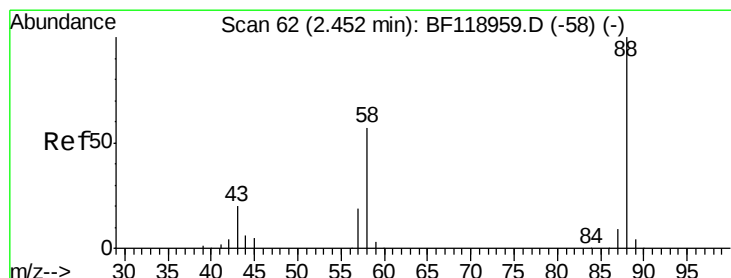
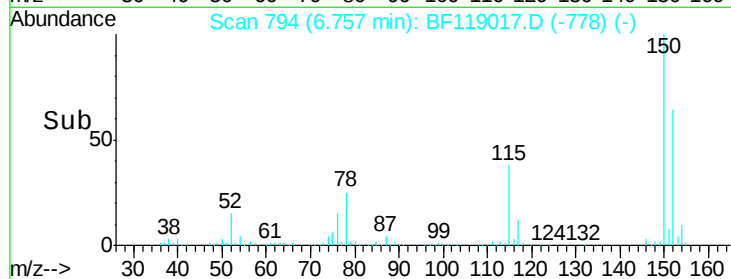
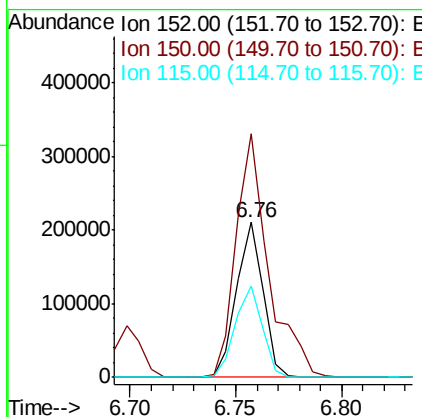
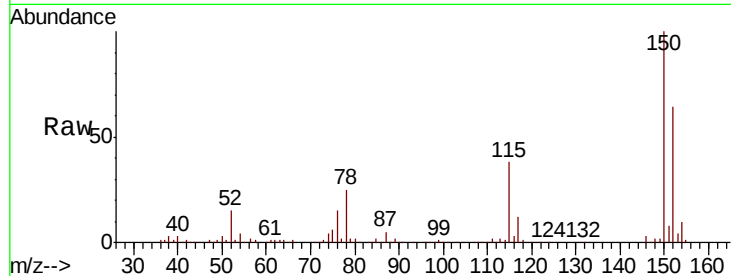


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Instrument :
BNA_F
ClientSampleId :

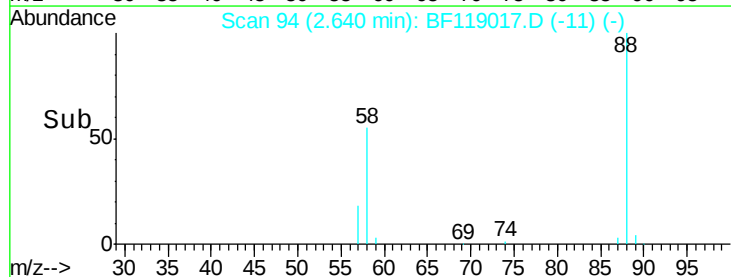
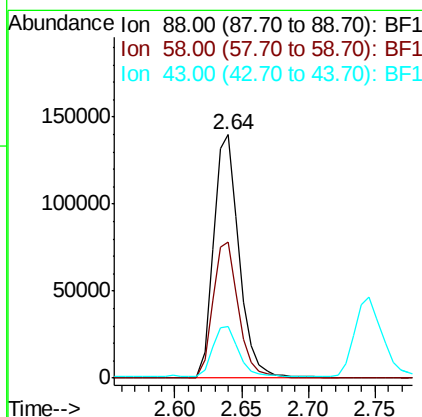
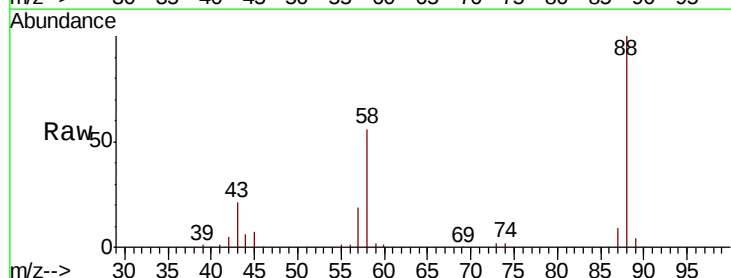
Tot Ion:152 Resp: 182344
Ion Ratio Lower Upper
152 100
150 157.0 124.3 186.5
115 59.1 44.6 67.0

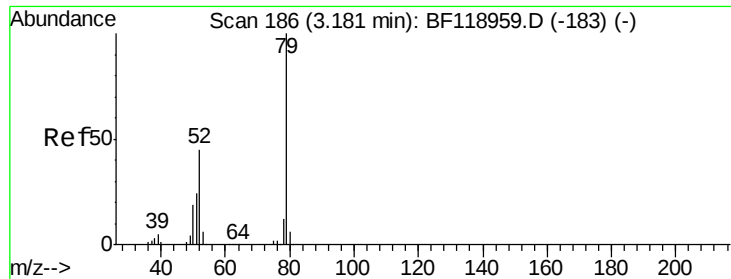


#2

1,4-Dioxane
Concen: 38.960 ng
RT: 2.64 min Scan# 94
Delta R.T. 0.19 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Tgt Ion: 88 Resp: 189267
Ion Ratio Lower Upper
88 100
58 56.2 44.6 66.8
43 0.0 16.0 24.0#





#3

Pvridine

Concen: 25.198 ng

RT: 3.36 min Scan# 217

Delta R.T. 0.18 min

Lab File: BF119017.D

Acq: 24 Feb 2020 11:57

Instrument :

BNA_F

ClientSampleId :

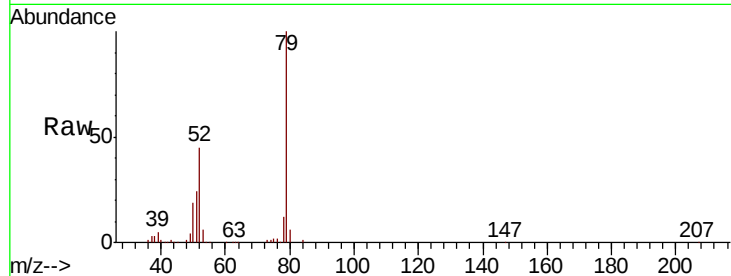
Tot Ion: 79 Resp: 334303

Ion Ratio Lower Upper

79 100

52 44.6 36.3 54.5

51 23.7 19.5 29.3



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

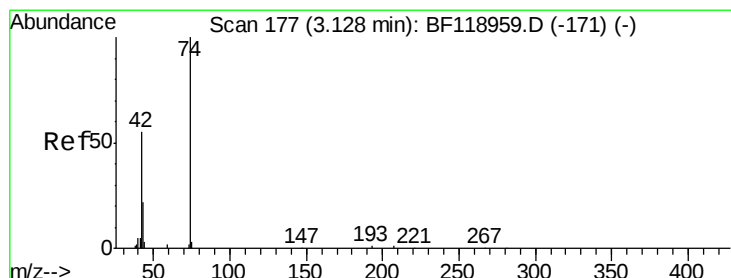
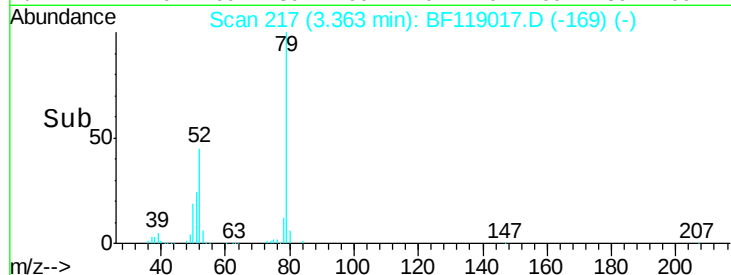
150000

100000

50000

0

Time-->



#4

n-Nitrosodimethylamine

Concen: 47.240 ng

RT: 3.28 min Scan# 203

Delta R.T. 0.15 min

Lab File: BF119017.D

Acq: 24 Feb 2020 11:57

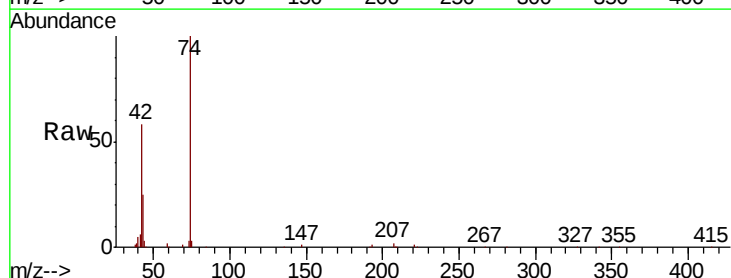
Tgt Ion: 42 Resp: 189859

Ion Ratio Lower Upper

42 100

74 172.0 144.4 216.6

44 5.2 4.5 6.7



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

200000

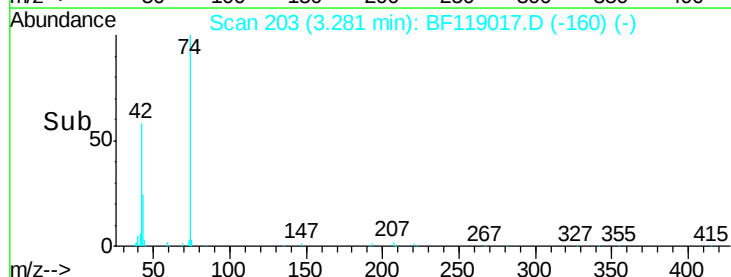
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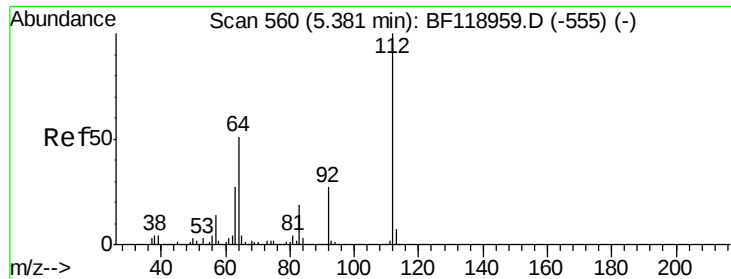
100000

50000

0

Time-->





#5

2-Fluorophenol

Concen: 118.677 ng

RT: 5.40 min Scan# 564

Delta R.T. 0.02 min

Lab File: BF119017.D

Acq: 24 Feb 2020 11:57

Instrument :

BNA_F

ClientSampleId :

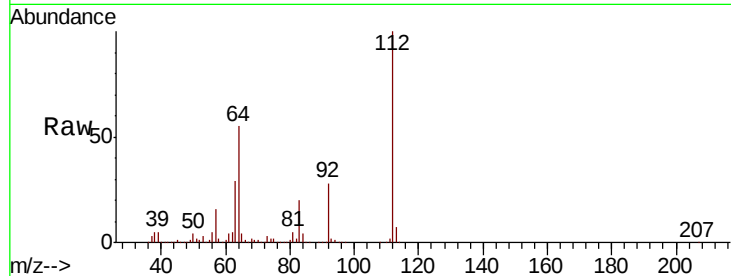
Tot Ion:112 Resp: 1294897

Ion Ratio Lower Upper

112 100

64 55.2 40.4 60.6

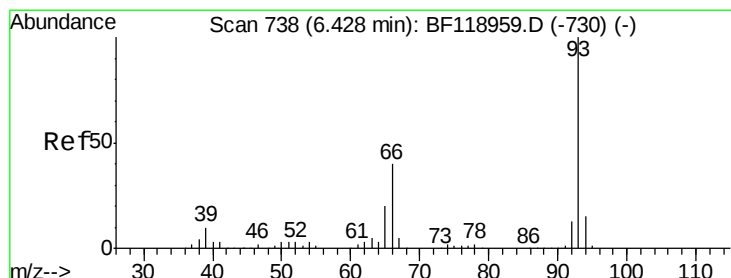
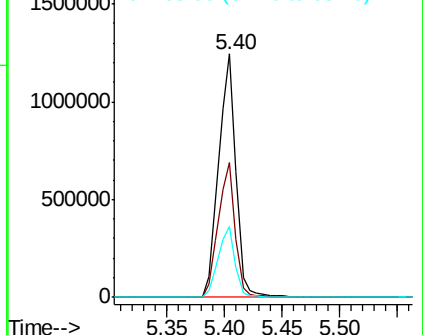
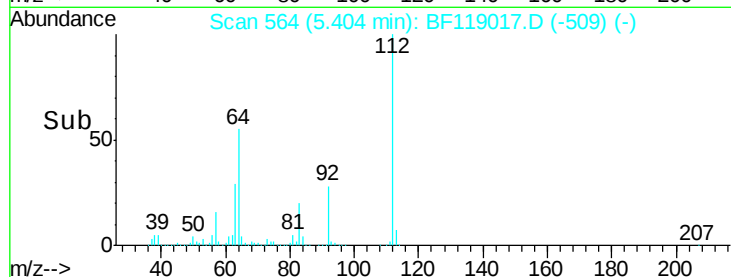
63 29.1 21.3 31.9



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: 17.619 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF119017.D

Acq: 24 Feb 2020 11:57

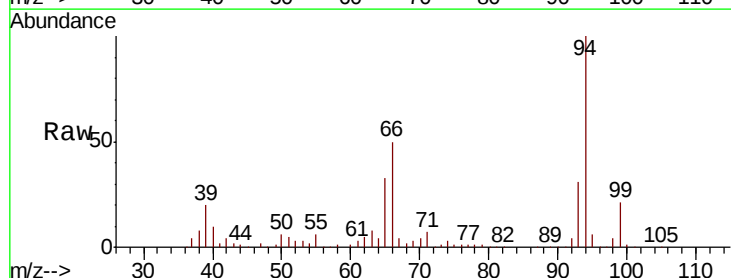
Tgt Ion: 93 Resp: 288490

Ion Ratio Lower Upper

93 100

66 161.7 32.2 48.2#

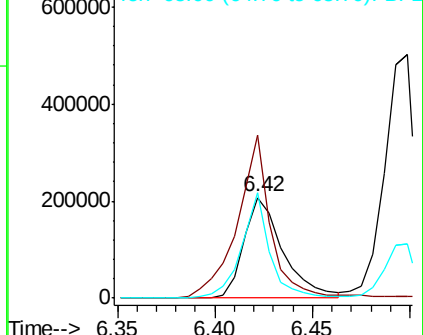
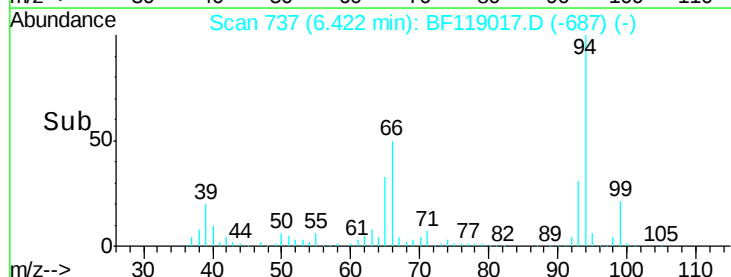
65 104.1 16.1 24.1#

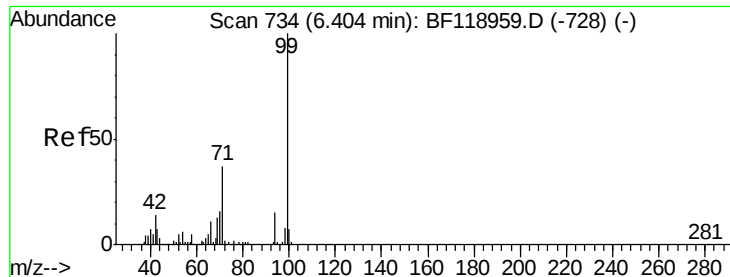


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 111.818 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF119017.D

Acq: 24 Feb 2020 11:57

Instrument :

BNA_F

ClientSampled :

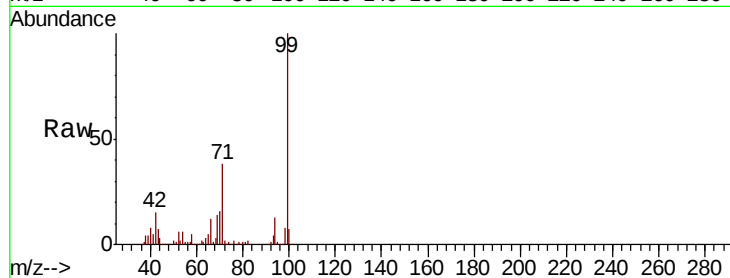
Tot Ion: 99 Resp: 1483813

Ion Ratio Lower Upper

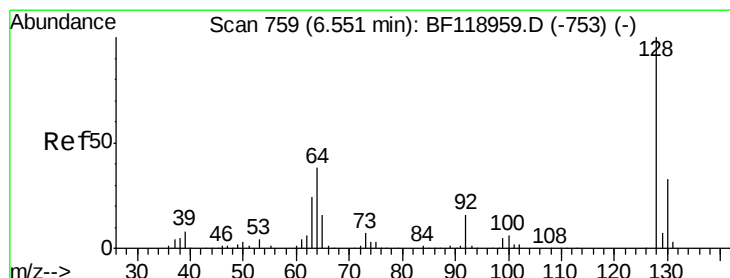
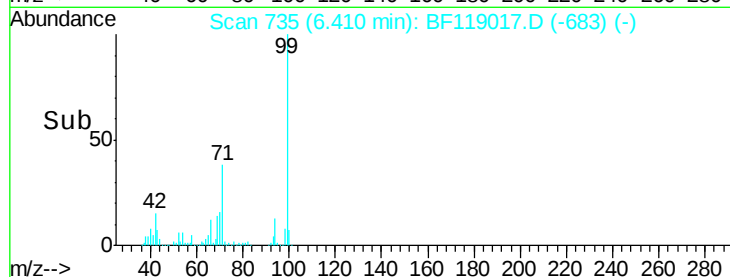
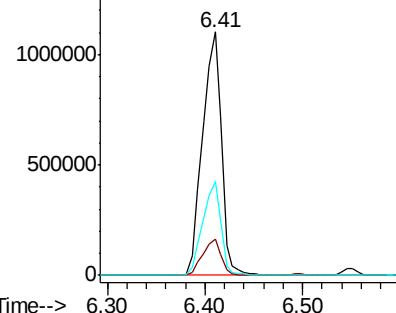
99 100

42 15.1 11.4 17.0

71 38.4 29.8 44.6



Abundance Ion 99.00 (98.70 to 99.70): BF1
1500000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 50.648 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF119017.D

Acq: 24 Feb 2020 11:57

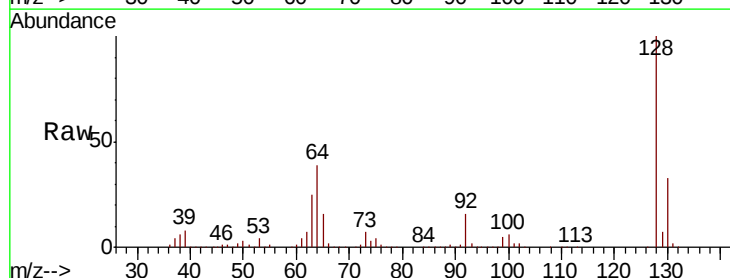
Tgt Ion:128 Resp: 596391

Ion Ratio Lower Upper

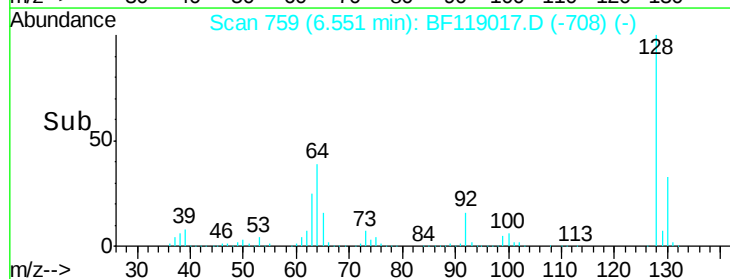
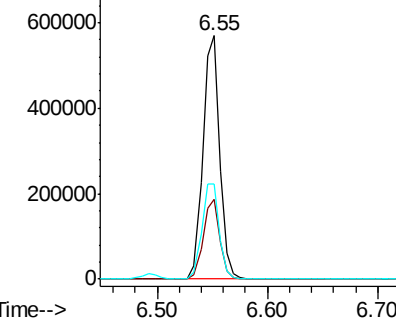
128 100

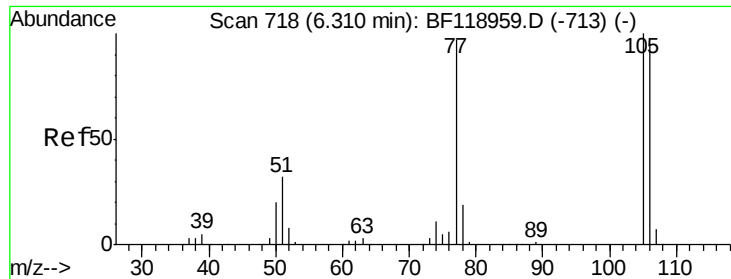
130 32.7 12.7 52.7

64 39.0 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: 24.762 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF119017.D

Acq: 24 Feb 2020 11:57

Instrument :

BNA_F

ClientSampled :

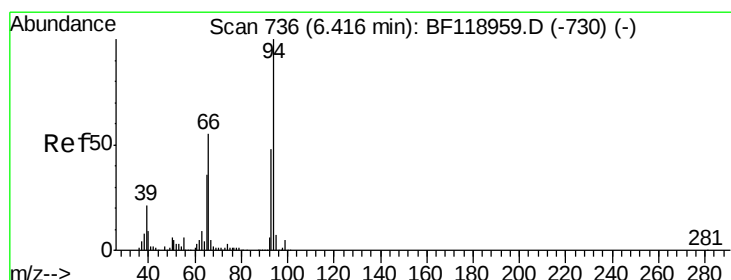
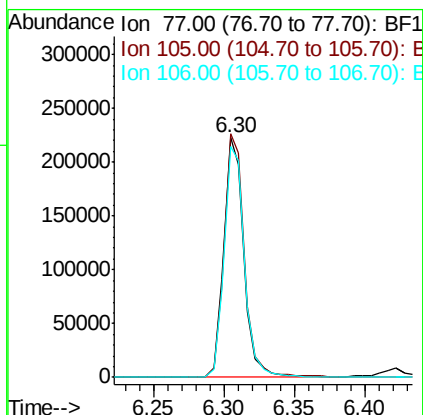
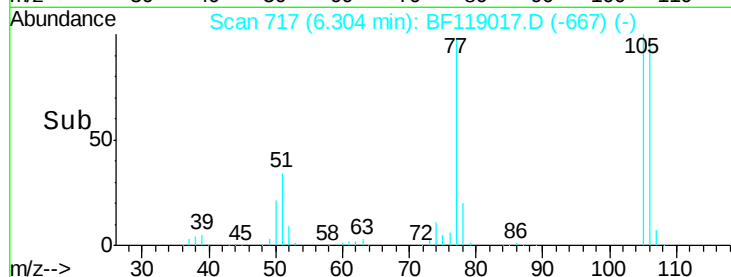
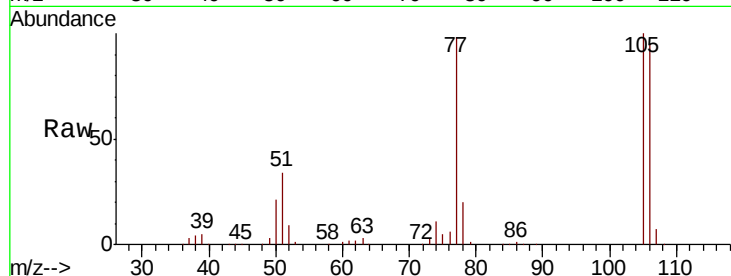
Tot Ion: 77 Resp: 219536

Ion Ratio Lower Upper

77 100

105 101.7 83.0 123.0

106 96.3 78.3 118.3



#10

Phenol

Concen: 40.747 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF119017.D

Acq: 24 Feb 2020 11:57

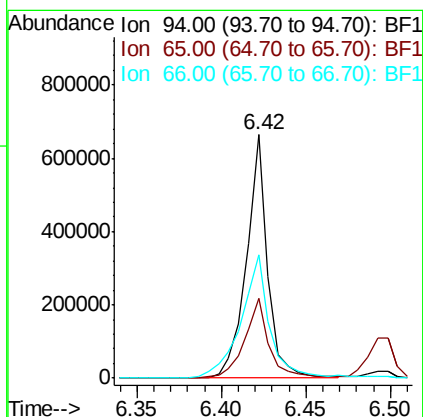
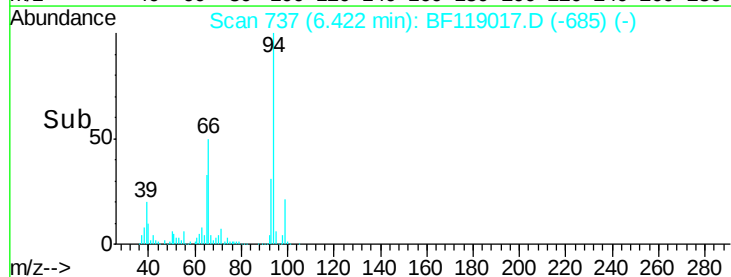
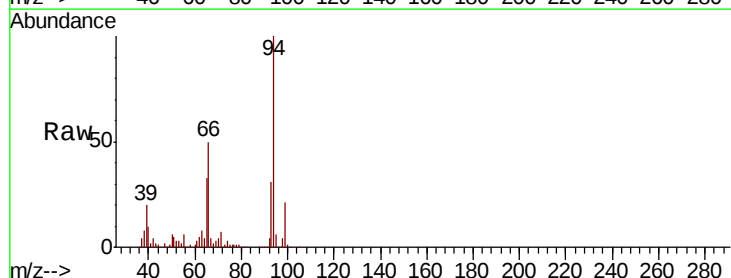
Tgt Ion: 94 Resp: 584609

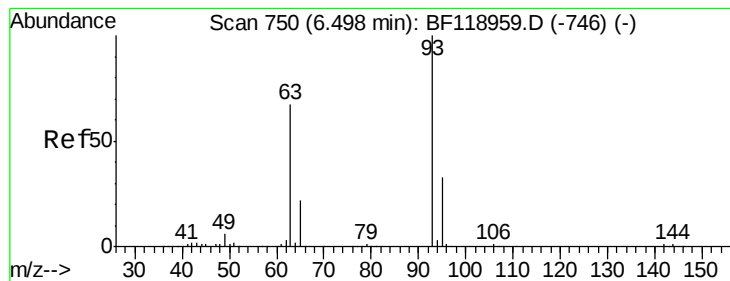
Ion Ratio Lower Upper

94 100

65 32.5 15.5 55.5

66 50.5 35.6 75.6

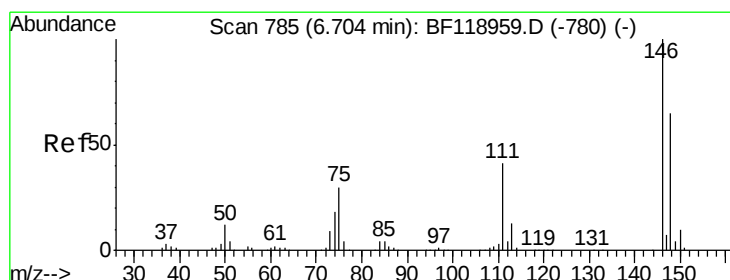
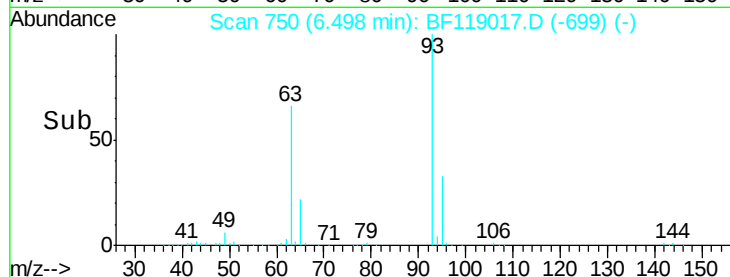
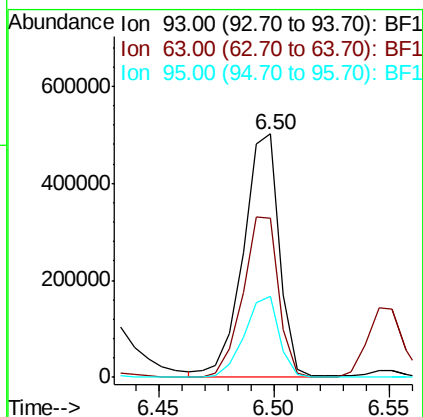
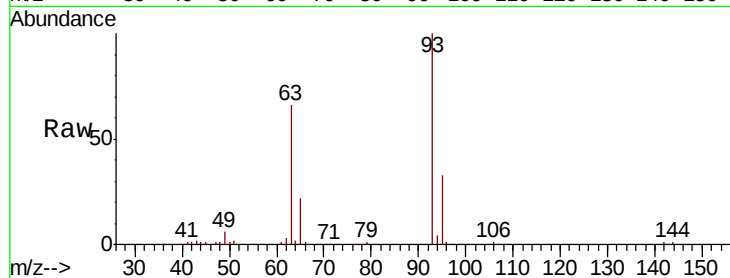




#11
bis(2-Chloroethyl)ether
Concen: 50.168 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

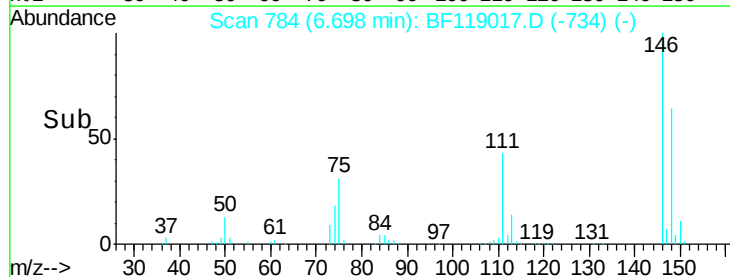
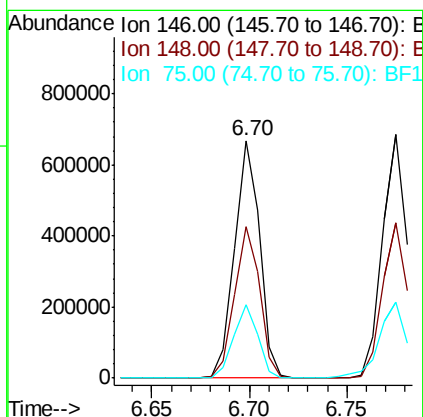
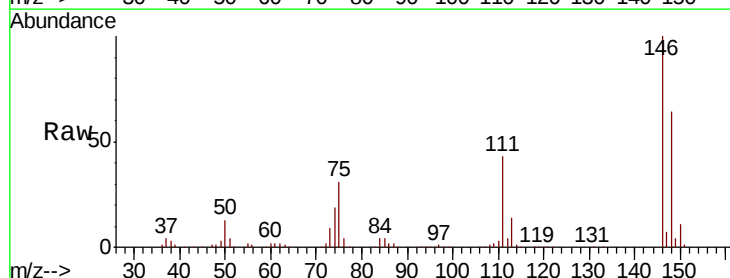
Instrument :
BNA_F
ClientSampleId :

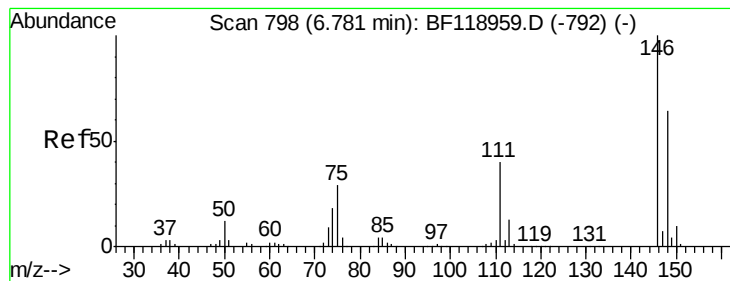
Tot Ion	Ratio	Lower	Upper
93	100		
63	65.5	46.8	86.8
95	33.3	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 42.333 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.7	77.5
75	31.1	23.6	35.4





#13

1,4-Dichlorobenzene

Concen: 42.687 ng

RT: 6.77 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF119017.D

Acq: 24 Feb 2020 11:57

Instrument :

BNA_F

ClientSampleId :

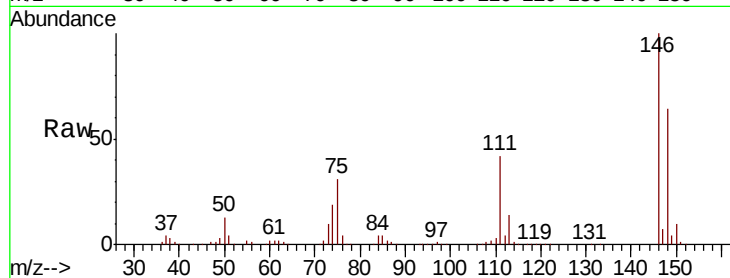
Tot Ion:146 Resp: 602865

Ion Ratio Lower Upper

146 100

148 64.0 51.4 77.2

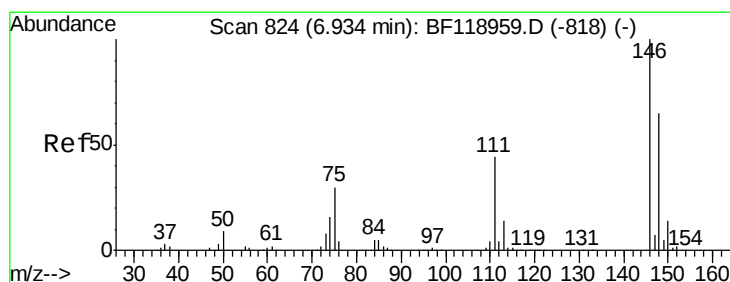
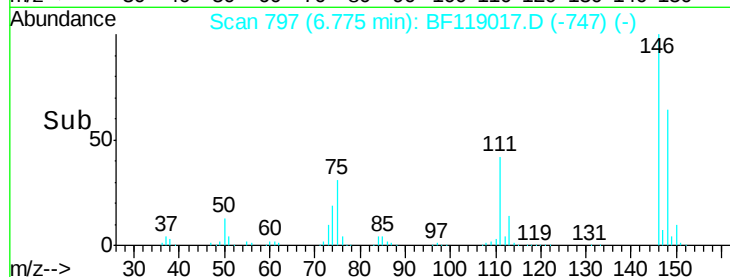
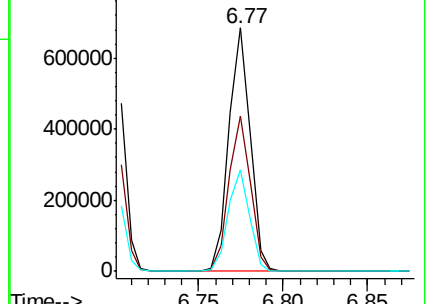
111 41.5 31.9 47.9



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: 42.880 ng

RT: 6.93 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF119017.D

Acq: 24 Feb 2020 11:57

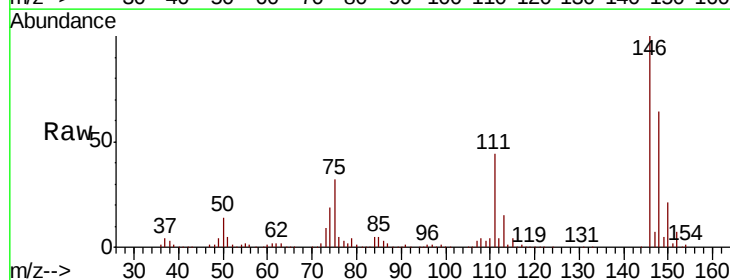
Tgt Ion:146 Resp: 552300

Ion Ratio Lower Upper

146 100

148 63.7 52.1 78.1

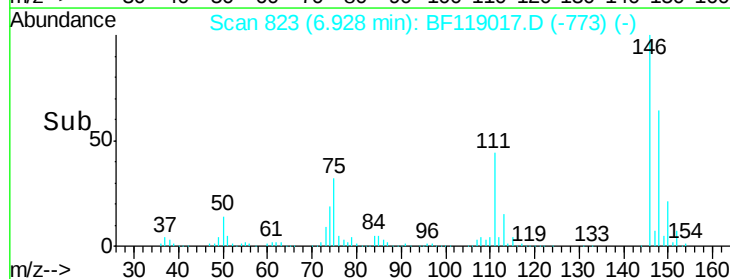
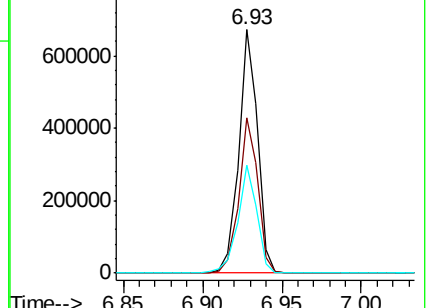
111 44.4 35.5 53.3

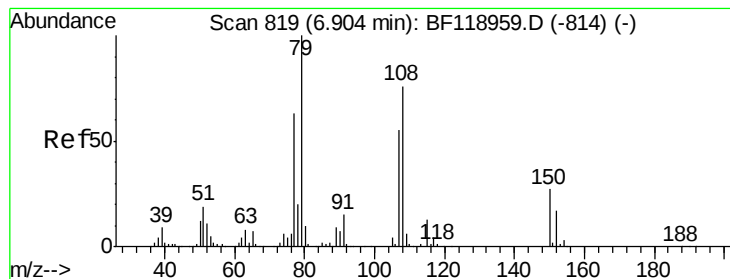


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 51.161 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF119017.D

Acq: 24 Feb 2020 11:57

Instrument :

BNA_F

ClientSampled :

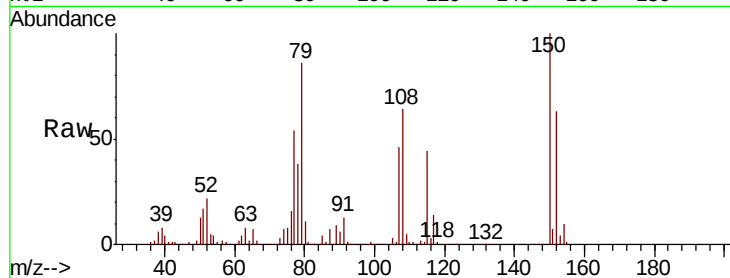
Tot Ion: 79 Resp: 490664

Ion Ratio Lower Upper

79 100

108 75.1 61.1 91.7

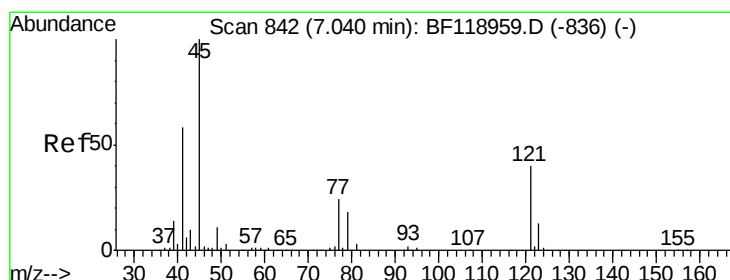
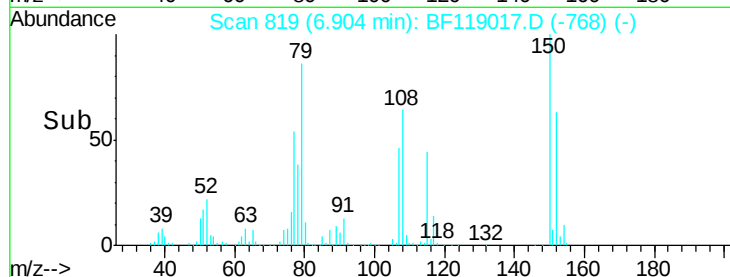
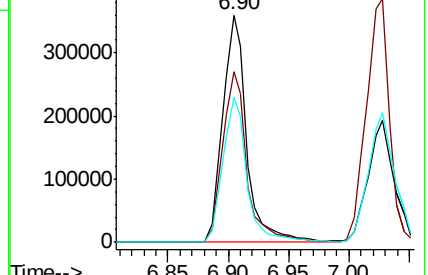
77 63.7 50.2 75.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 45.981 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF119017.D

Acq: 24 Feb 2020 11:57

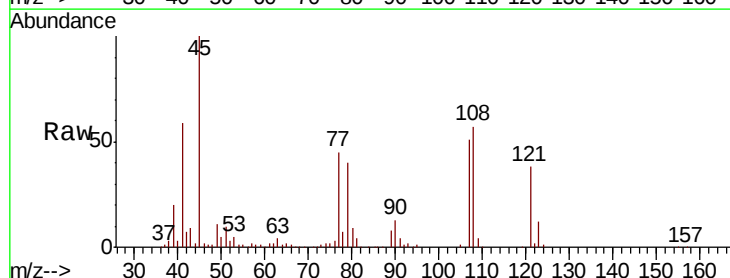
Tgt Ion: 45 Resp: 437252

Ion Ratio Lower Upper

45 100

77 45.1 6.1 46.1

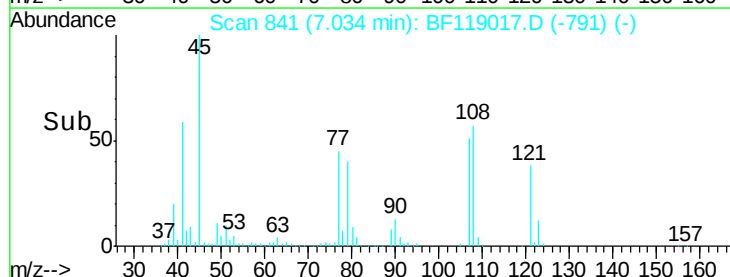
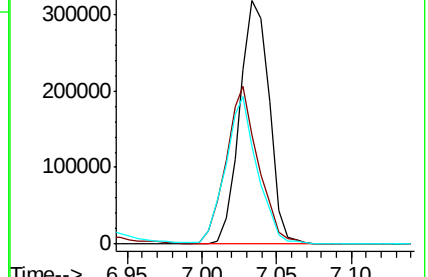
79 40.3 0.5 40.5

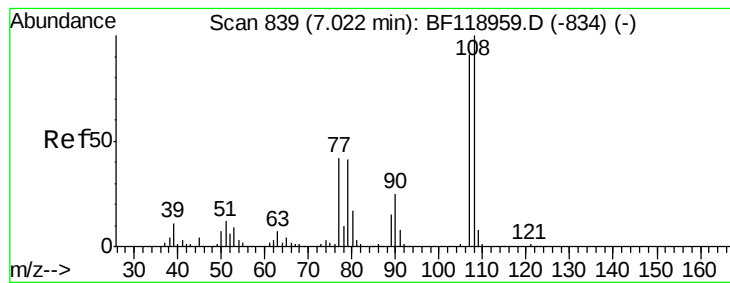


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

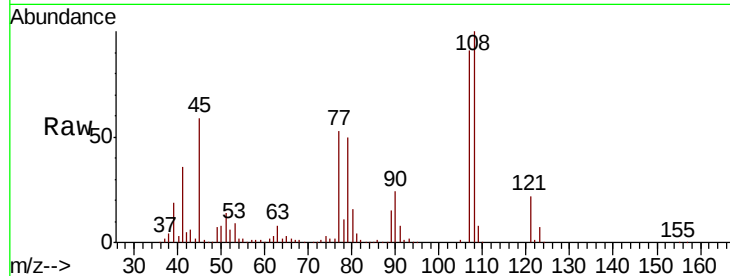




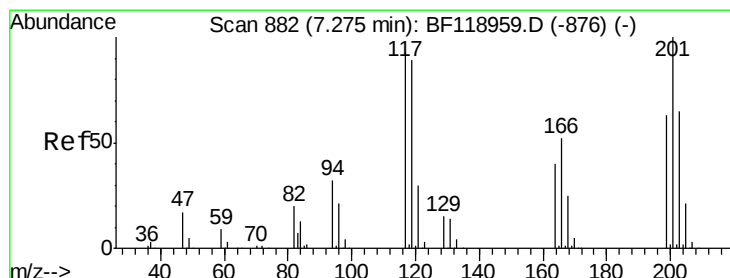
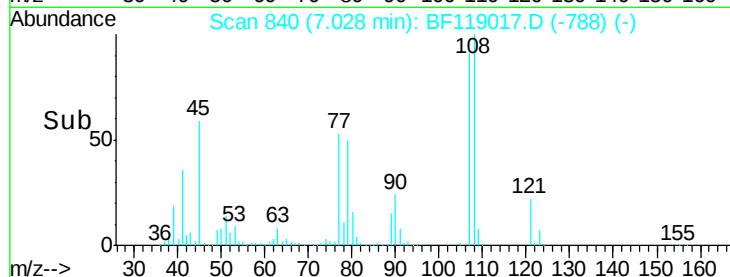
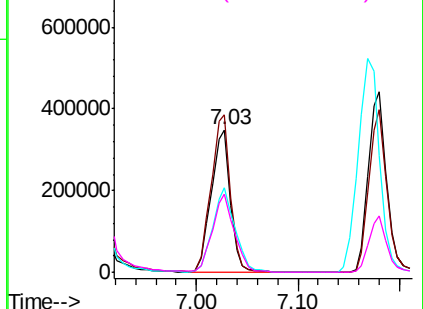
#17
2-Methylphenol
Concen: 47.928 ng
RT: 7.03 min Scan# 840
Delta R.T. 0.01 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 457563
Ion Ratio Lower Upper
107 100
108 110.2 87.7 131.5
77 58.9 36.8 55.2#
79 55.1 36.4 54.6#

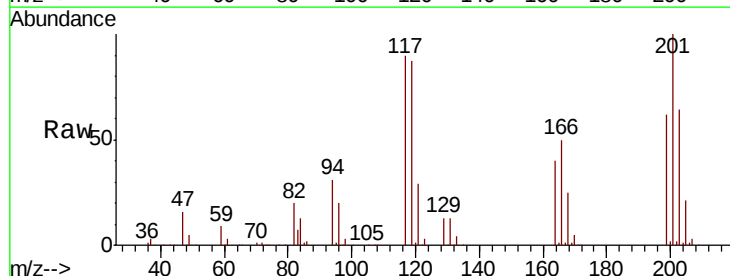


Abundance Ion 107.00 (106.70 to 107.70): E
800000 Ion 108.00 (107.70 to 108.70): E
600000 Ion 77.00 (76.70 to 77.70): BF1
400000 Ion 79.00 (78.70 to 79.70): BF1
200000
0

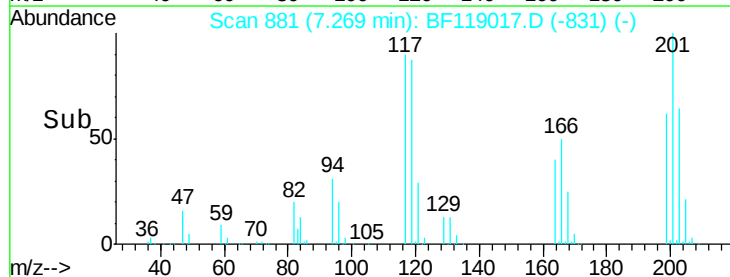
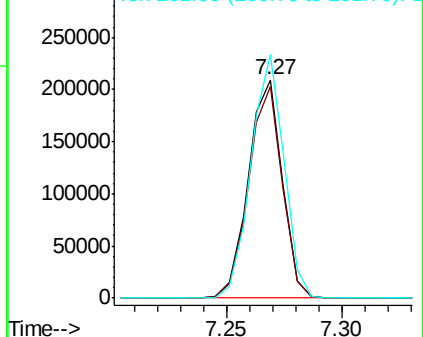


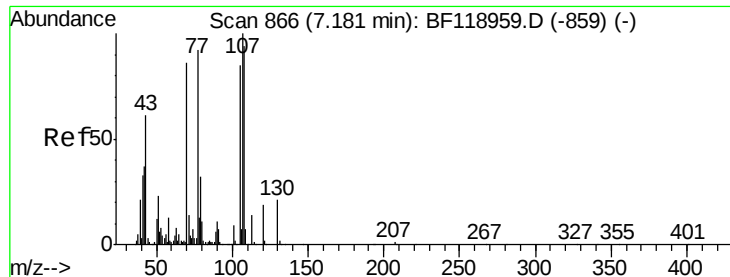
#18
Hexachloroethane
Concen: 42.481 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Tgt Ion:117 Resp: 214646
Ion Ratio Lower Upper
117 100
119 96.9 77.0 115.6
201 111.5 86.4 129.6



Abundance Ion 117.00 (116.70 to 117.70): E
300000 Ion 119.00 (118.70 to 119.70): E
250000 Ion 201.00 (200.70 to 201.70): E
200000
150000
100000
50000
0

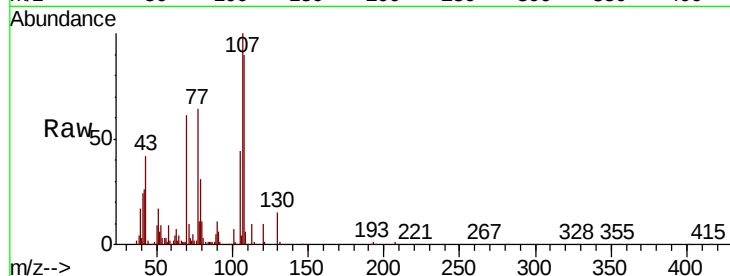




#19
n-Nitroso-di-n-propylamine
Concen: 50.200 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.00 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	43.0	34.6	51.8
101	10.6	8.1	12.1
130	24.8	19.4	29.2



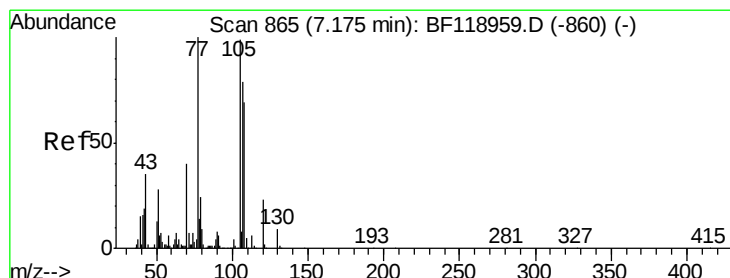
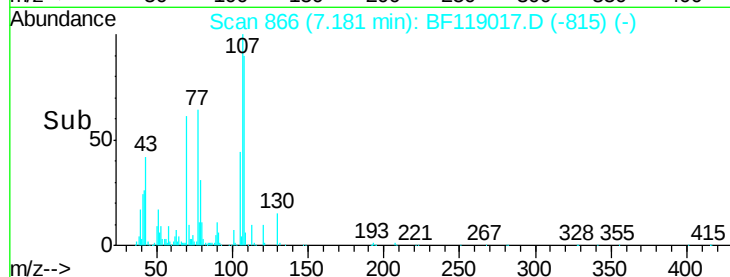
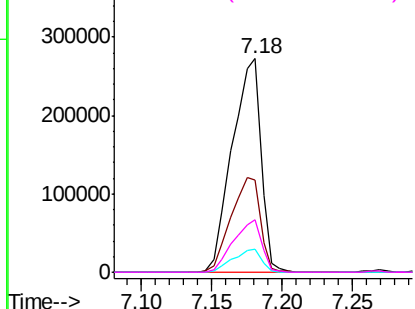
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 47.622 ng
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.1	67.0	107.0
77	64.2	106.2	146.2#
79	30.9	10.0	50.0

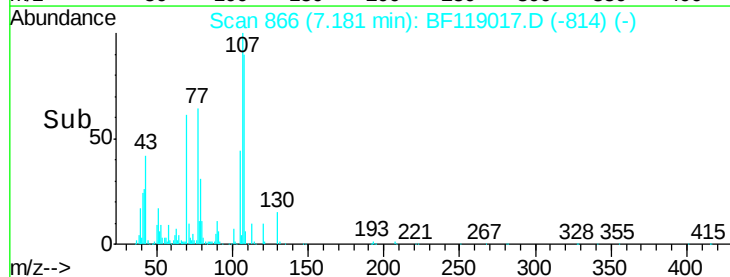
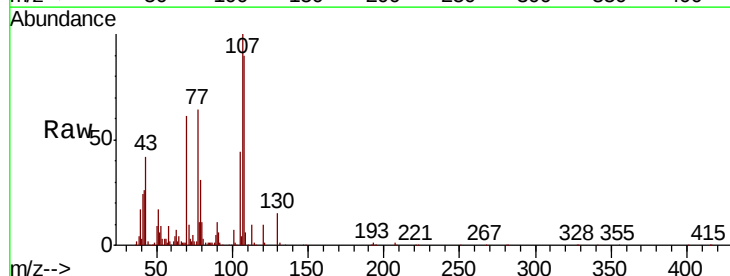
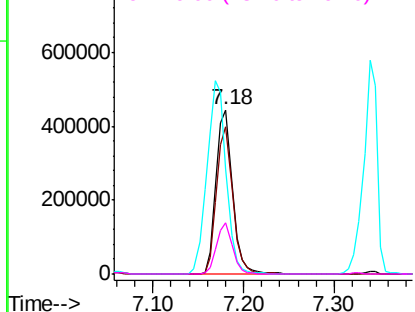
Abundance

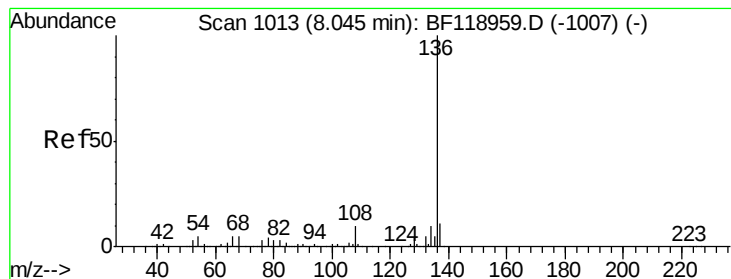
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF119017.D

Acq: 24 Feb 2020 11:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 696122

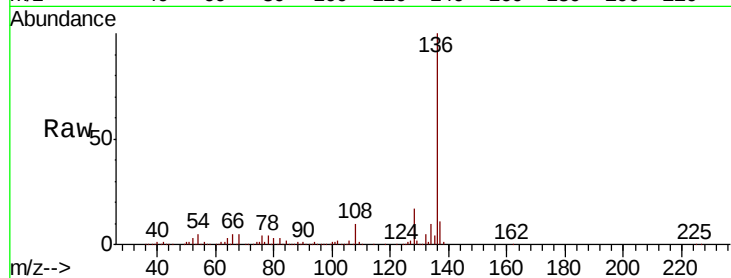
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 4.9 3.8 5.6

68 5.2 4.2 6.2

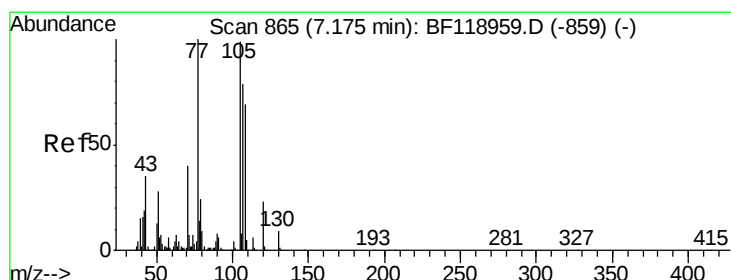
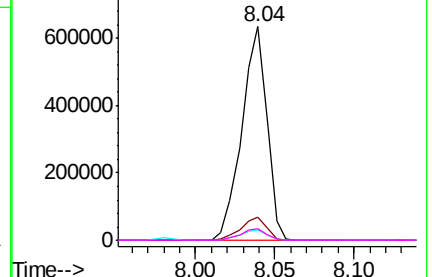
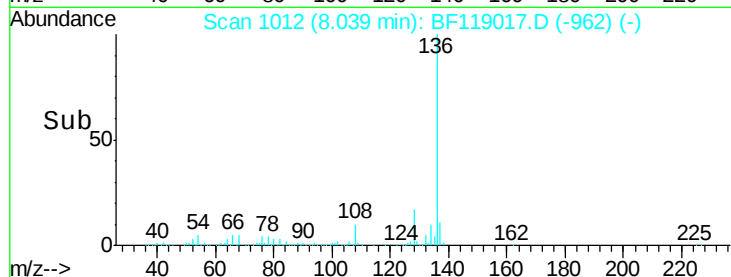


Abundance Ion 136.00 (135.70 to 136.70): E

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: 48.638 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF119017.D

Acq: 24 Feb 2020 11:57

Tgt Ion:105 Resp: 783391

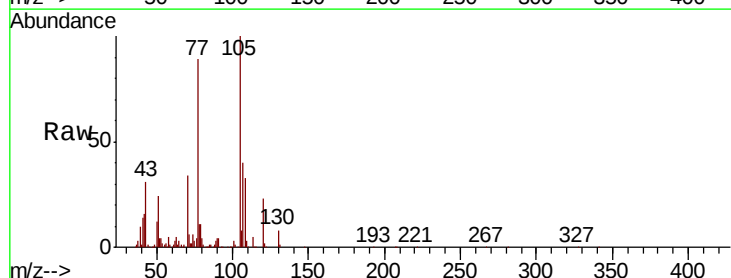
Ion Ratio Lower Upper

105 100

71 5.8 5.4 8.0

51 24.4 22.5 33.7

120 22.5 18.4 27.6

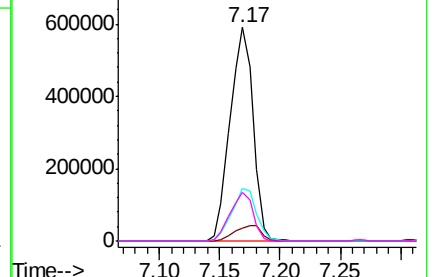
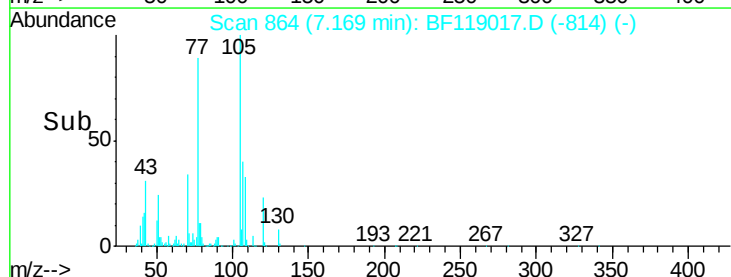


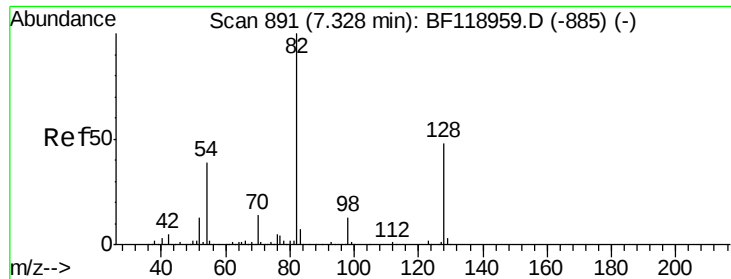
Abundance Ion 105.00 (104.70 to 105.70): E

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

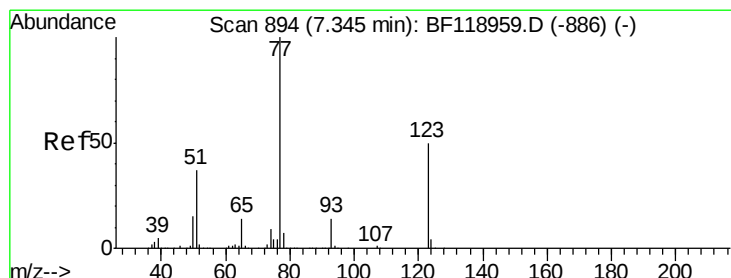
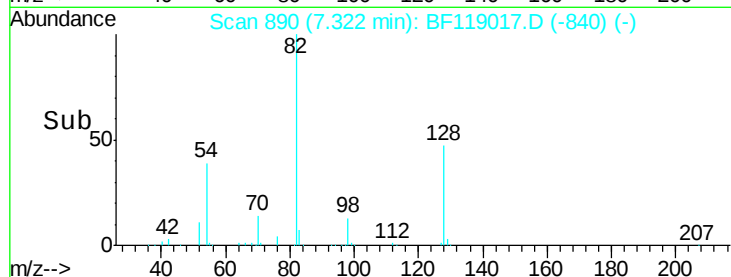
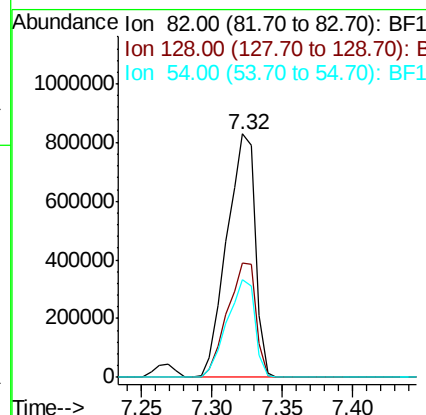
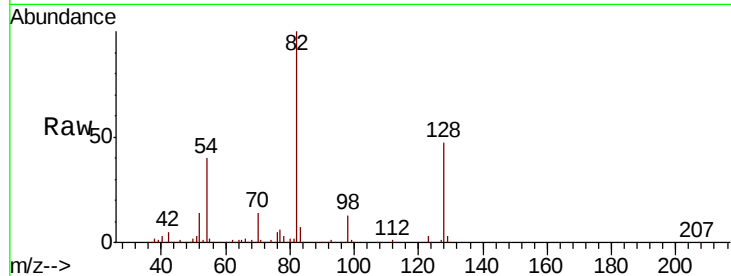




#23
Nitrobenzene-d5
Concen: 87.807 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

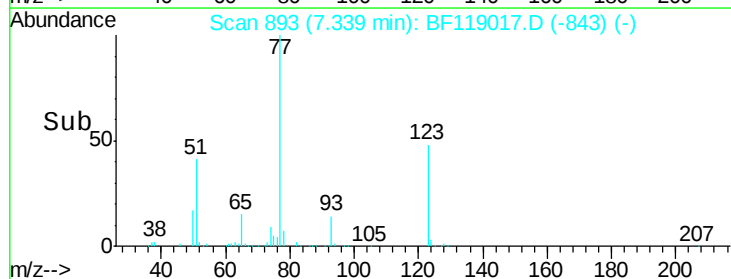
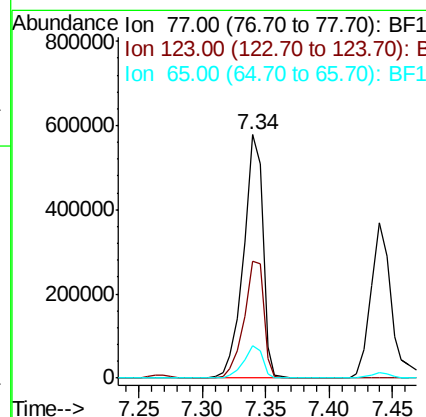
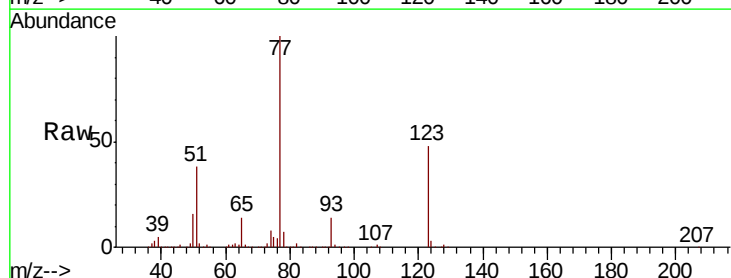
Instrument :
BNA_F
ClientSampled :

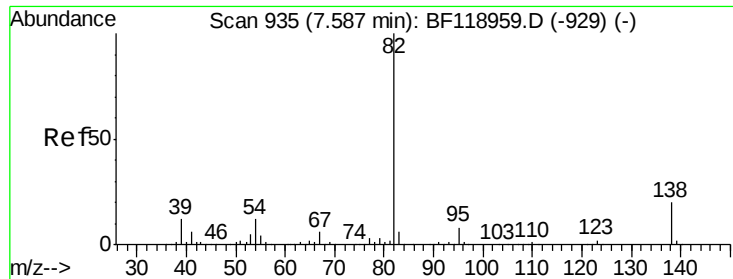
Tot Ion: 82 Resp: 1157664
Ion Ratio Lower Upper
82 100
128 46.7 38.2 57.2
54 40.3 31.3 46.9



#24
Nitrobenzene
Concen: 46.260 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Tgt Ion: 77 Resp: 603129
Ion Ratio Lower Upper
77 100
123 47.8 40.1 60.1
65 13.6 10.9 16.3

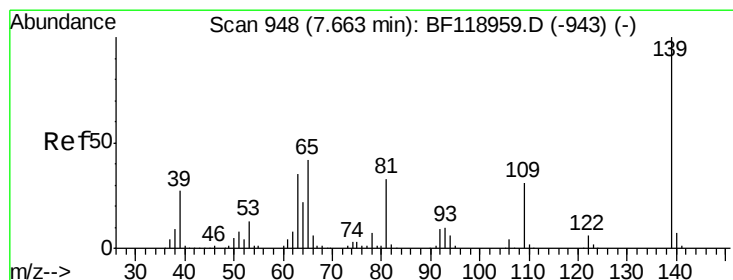
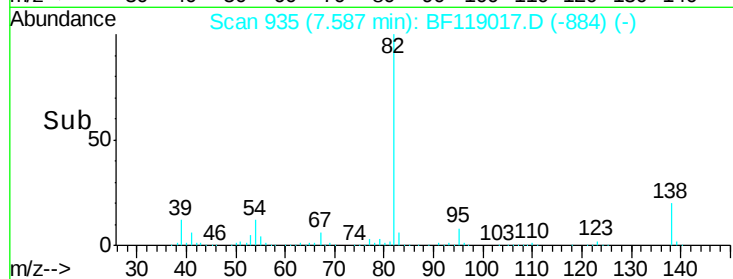
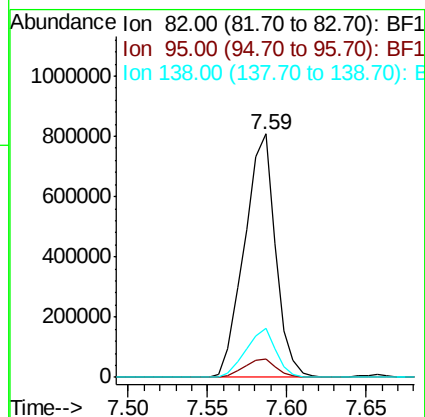
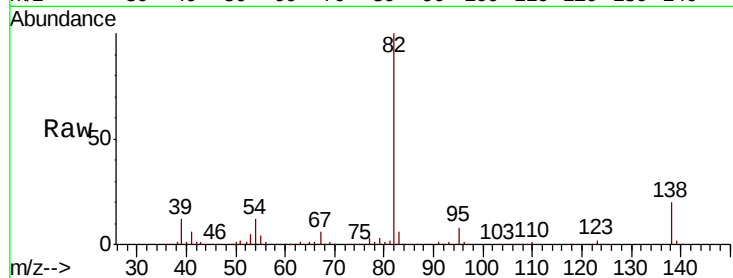




#25
Isophorone
Concen: 48.146 ng
RT: 7.59 min Scan# 935
Delta R.T. -0.00 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

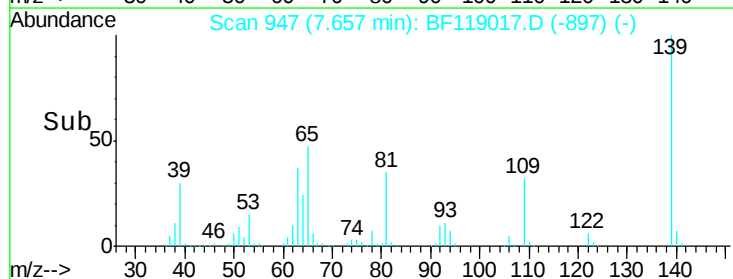
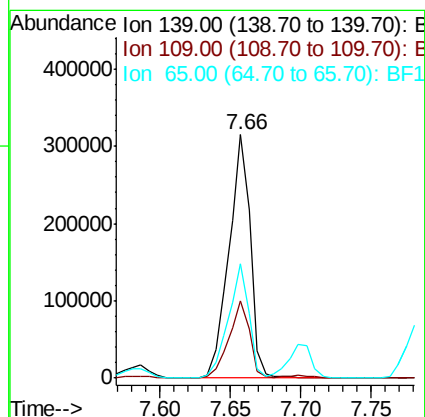
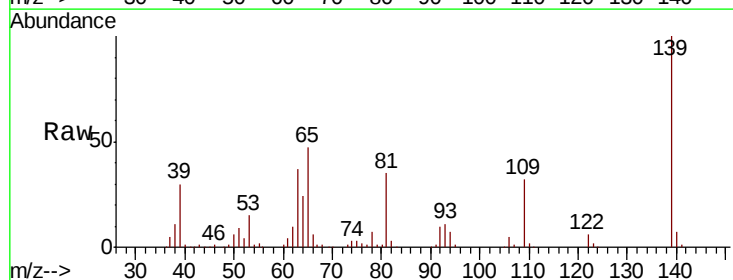
Instrument :
BNA_F
ClientSampled :

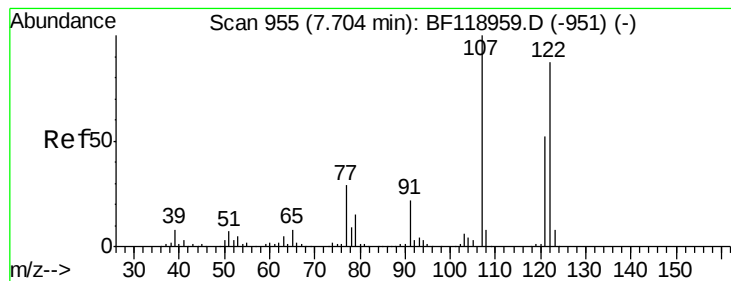
Tot Ion: 82 Resp: 1102403
Ion Ratio Lower Upper
82 100
95 7.7 6.1 9.1
138 20.0 15.8 23.6



#26
2-Nitrophenol
Concen: 48.159 ng
RT: 7.66 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Tgt Ion: 139 Resp: 332687
Ion Ratio Lower Upper
139 100
109 31.9 24.6 36.8
65 47.2 33.6 50.4





#27

2,4-Dimethylphenol

Concen: 52.907 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF119017.D

Acq: 24 Feb 2020 11:57

Instrument :

BNA_F

ClientSampleId :

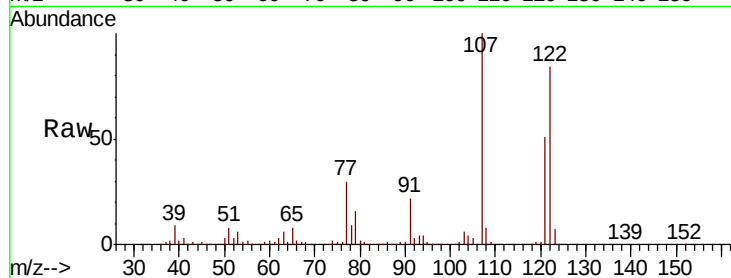
Tot Ion:122 Resp: 496027

Ion Ratio Lower Upper

122 100

107 119.2 91.8 137.8

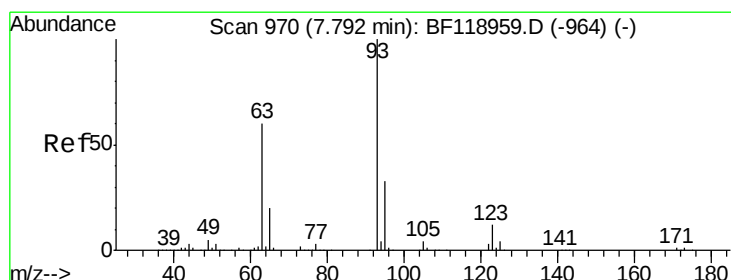
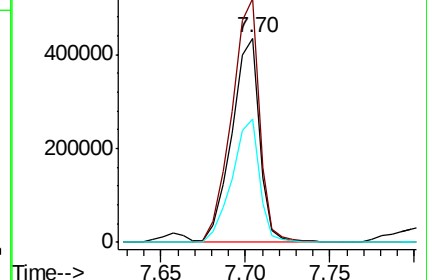
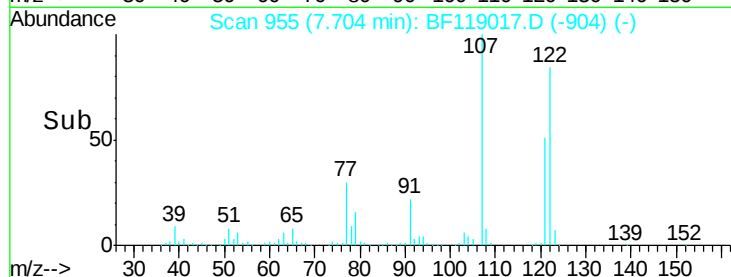
121 60.2 47.4 71.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.095 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF119017.D

Acq: 24 Feb 2020 11:57

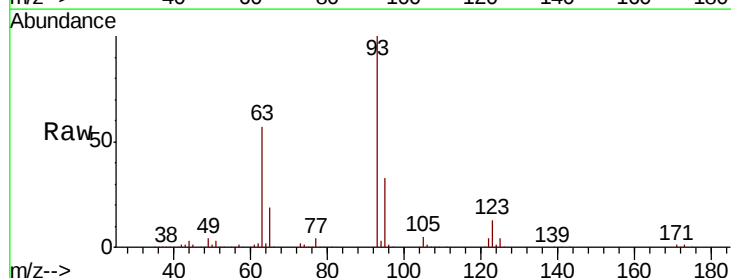
Tgt Ion: 93 Resp: 672076

Ion Ratio Lower Upper

93 100

95 33.0 26.3 39.5

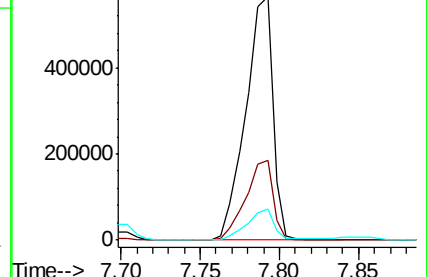
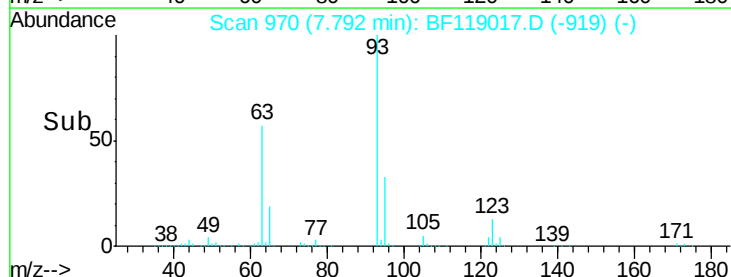
123 12.9 9.8 14.8

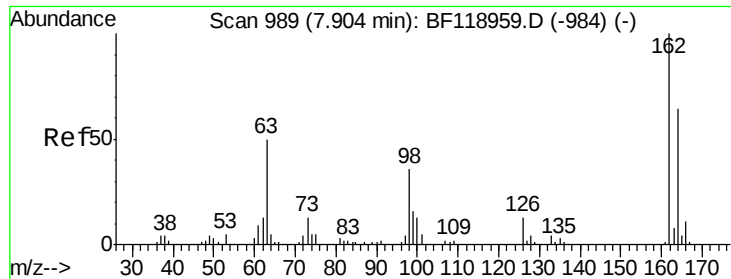


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

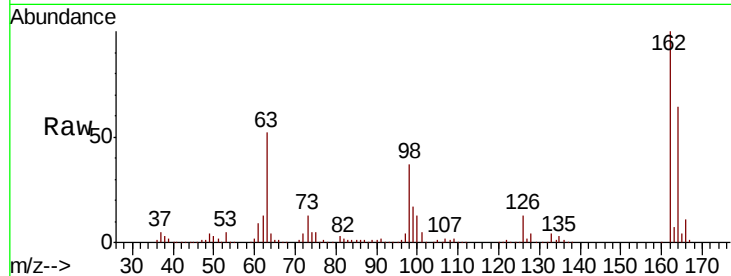




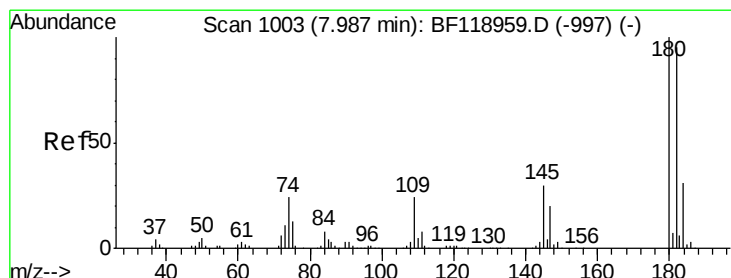
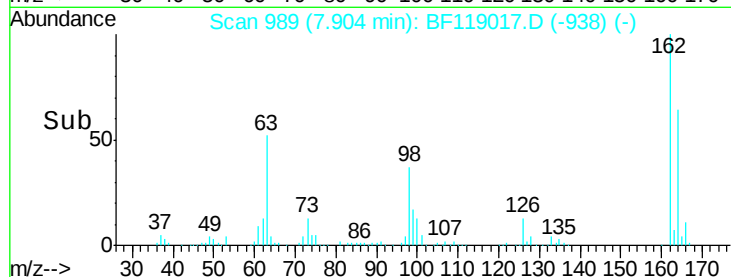
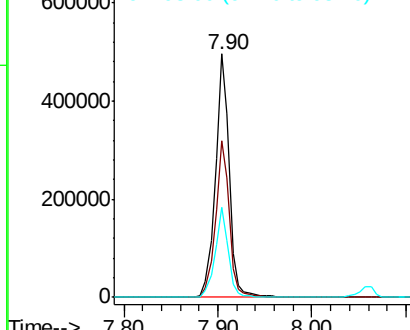
#29
2,4-Dichlorophenol
Concen: 46.606 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 514401
Ion Ratio Lower Upper
162 100
164 64.2 44.1 84.1
98 37.1 16.4 56.4

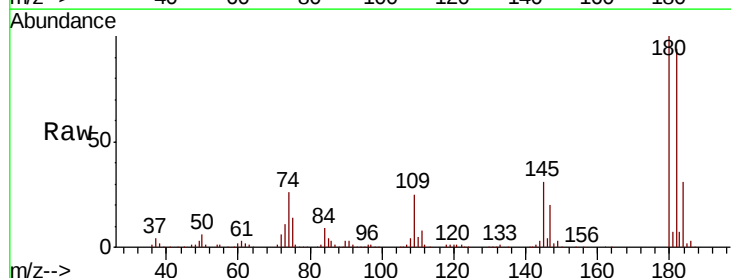


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

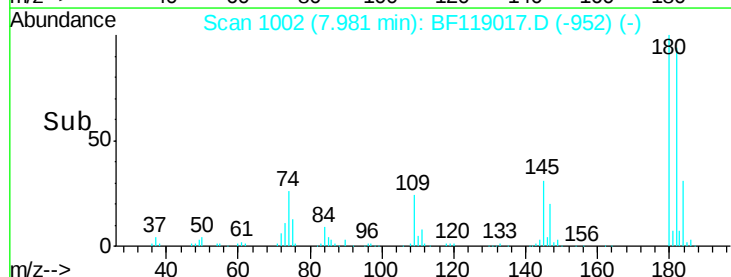
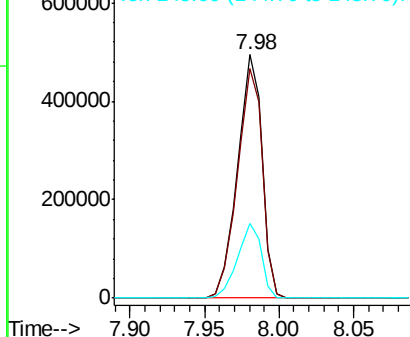


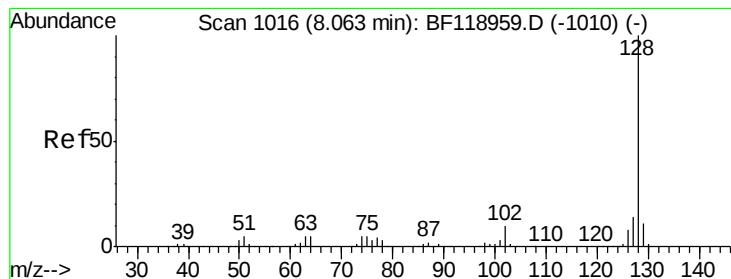
#30
1,2,4-Trichlorobenzene
Concen: 43.190 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Tgt Ion:180 Resp: 565182
Ion Ratio Lower Upper
180 100
182 94.1 75.8 113.8
145 30.8 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: 45.302 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BF119017.D

Acq: 24 Feb 2020 11:57

Instrument :

BNA_F

ClientSampleId :

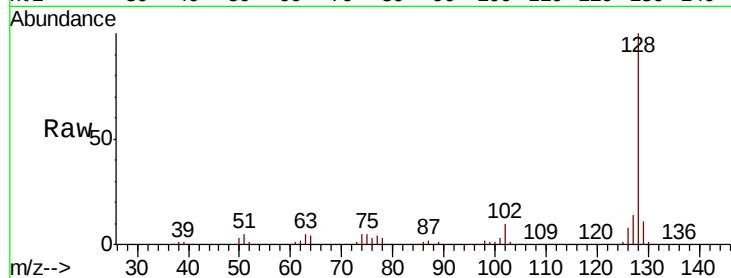
Tot Ion:128 Resp: 1635504

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.4

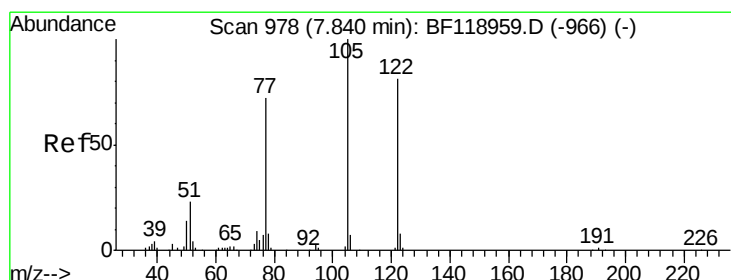
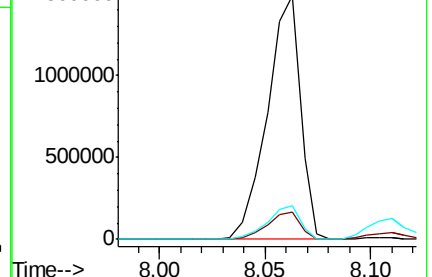
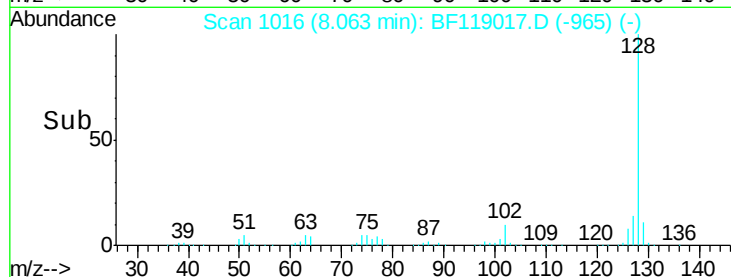
127 14.0 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

2000000 Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.920 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.01 min

Lab File: BF119017.D

Acq: 24 Feb 2020 11:57

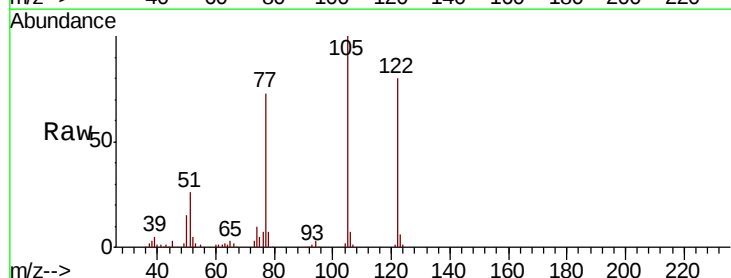
Tgt Ion:122 Resp: 272099

Ion Ratio Lower Upper

122 100

105 124.5 102.2 142.2

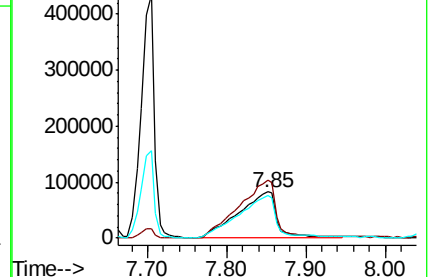
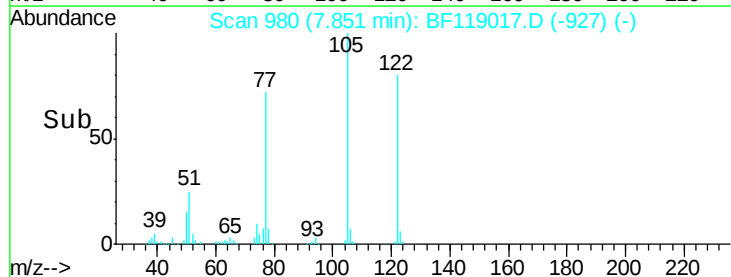
77 90.8 68.6 108.6

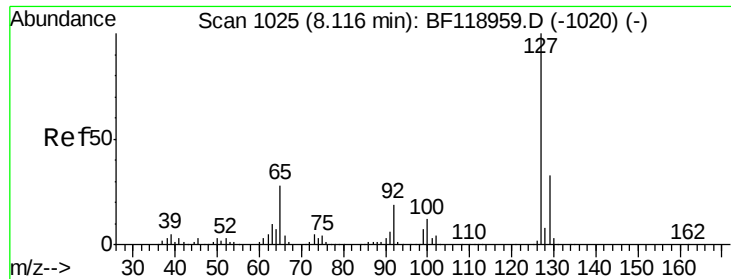


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

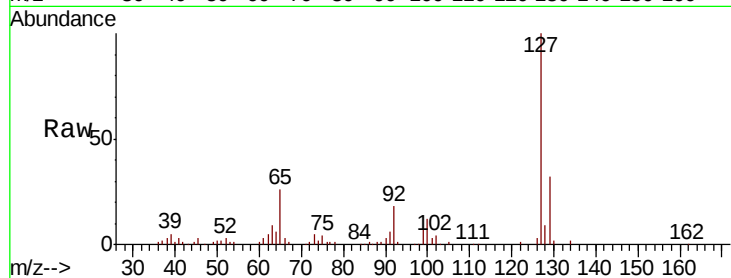




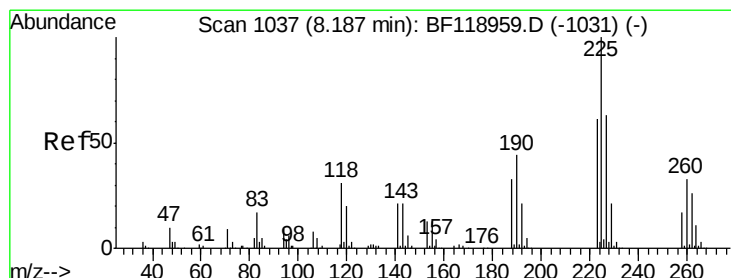
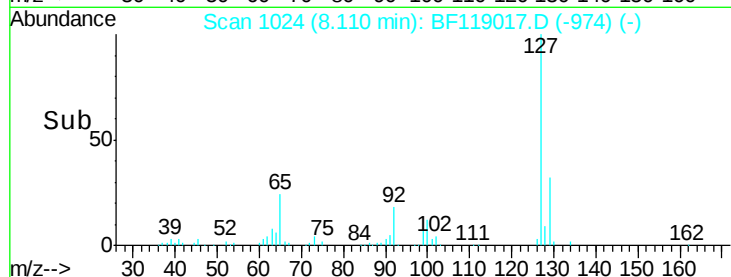
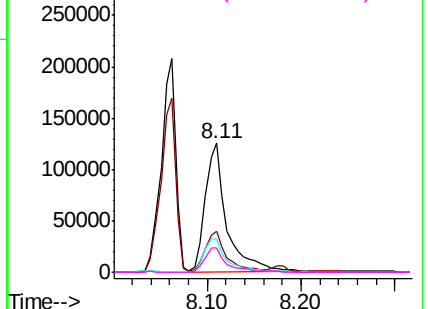
#33
4-Chloroaniline
Concen: 12.970 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	201399
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.2	39.2
65	25.6	22.0	33.0
92	18.4	15.5	23.3

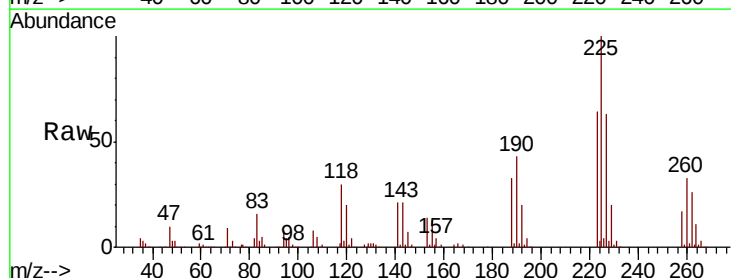


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

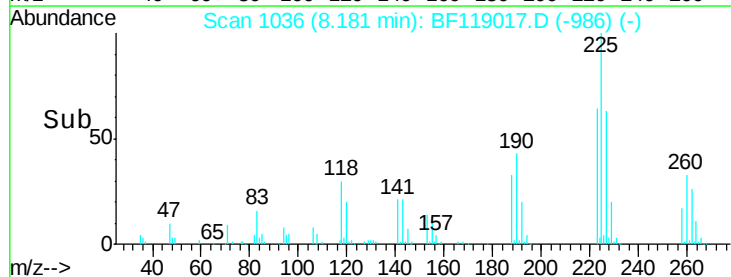
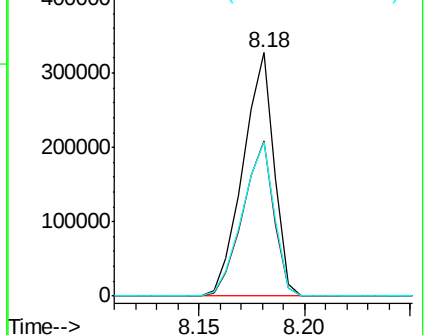


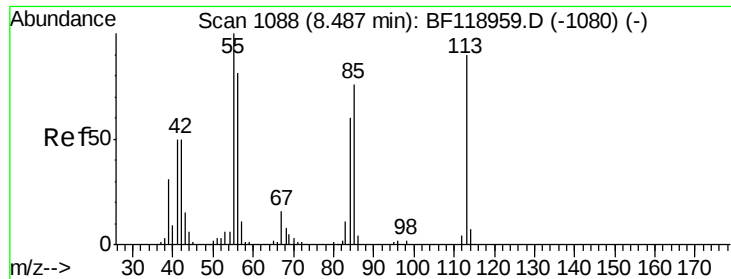
#34
Hexachlorobutadiene
Concen: 41.060 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Tgt Ion:	225	Resp:	334695
Ion	Ratio	Lower	Upper
225	100		
223	63.6	48.9	73.3
227	63.4	50.4	75.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

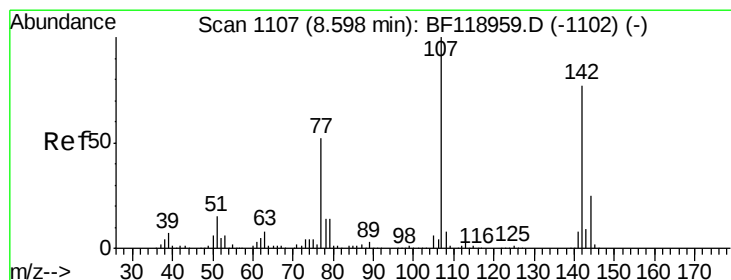
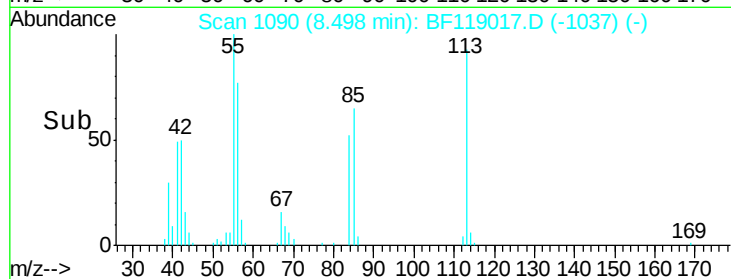
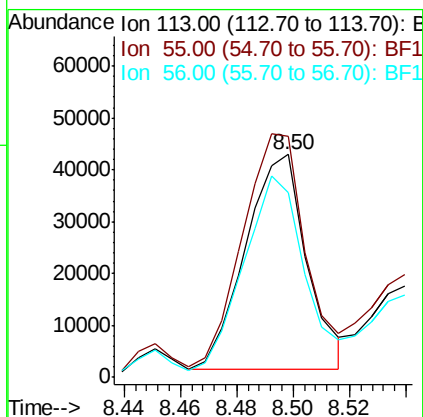
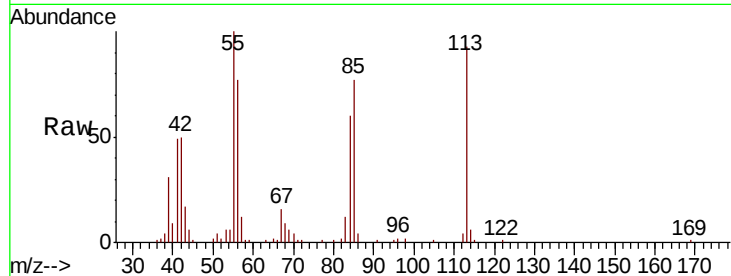




#35
Caprolactam
Concen: 18.397 ng
RT: 8.50 min Scan# 1090
Delta R.T. 0.01 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

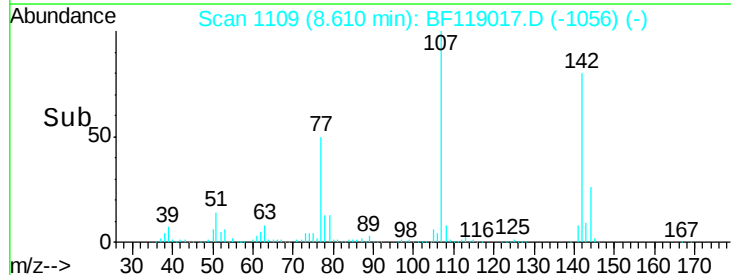
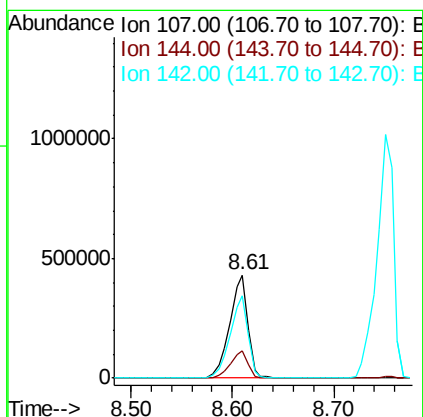
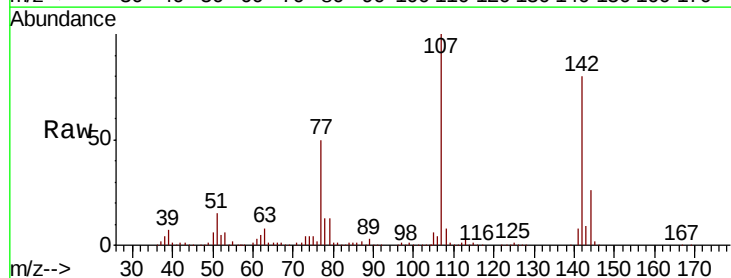
Instrument :
BNA_F
ClientSampleId :

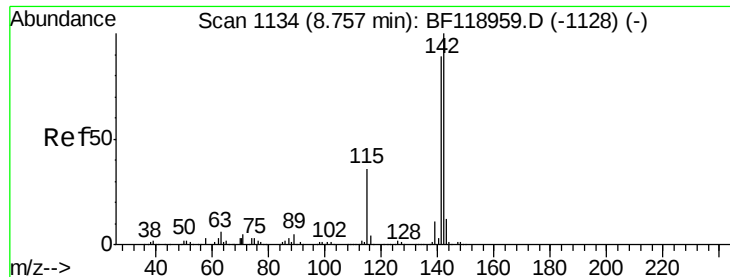
Tot Ion:113 Resp: 62523
Ion Ratio Lower Upper
113 100
55 108.0 90.8 130.8
56 82.6 70.0 110.0



#36
4-Chloro-3-methylphenol
Concen: 47.814 ng
RT: 8.61 min Scan# 1109
Delta R.T. 0.01 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Tgt Ion:107 Resp: 534087
Ion Ratio Lower Upper
107 100
144 26.4 19.8 29.8
142 79.8 61.3 91.9

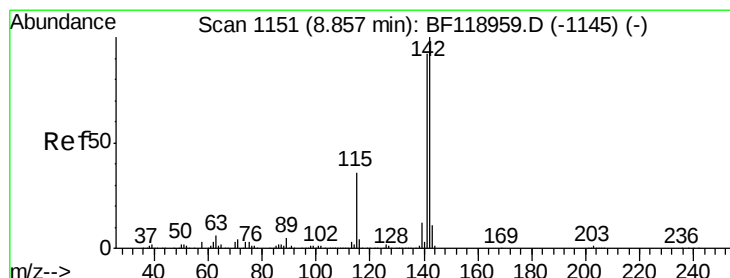
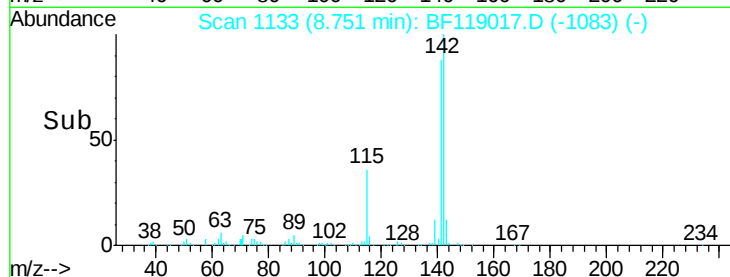
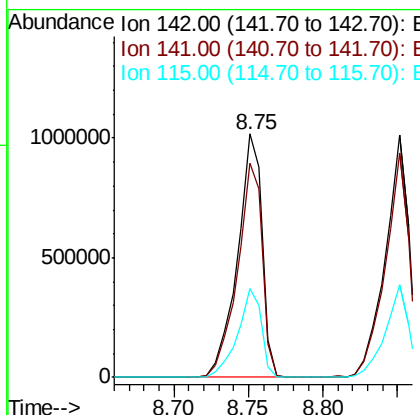
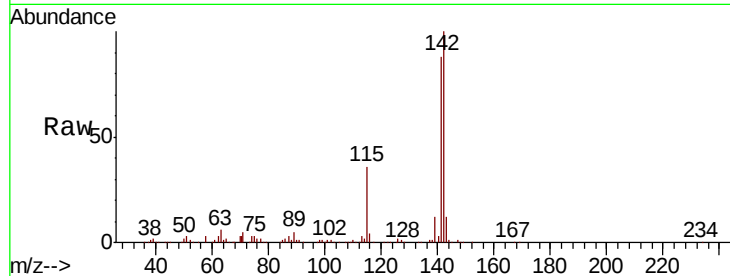




#37
2-Methylnaphthalene
Concen: 47.925 ng
RT: 8.75 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

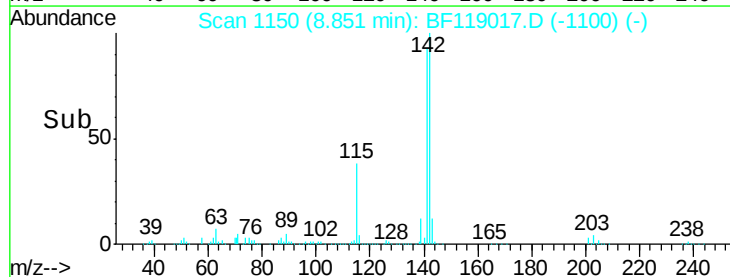
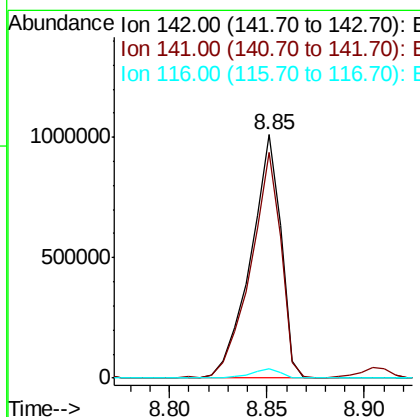
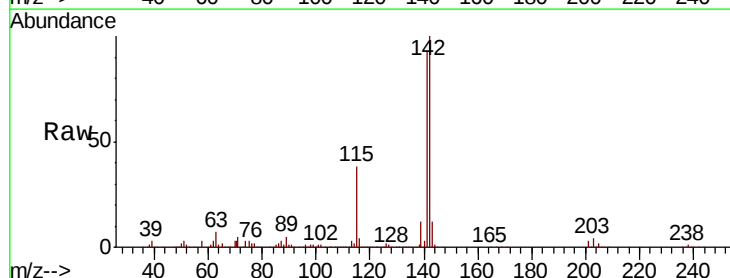
Instrument :
BNA_F
ClientSampleId :

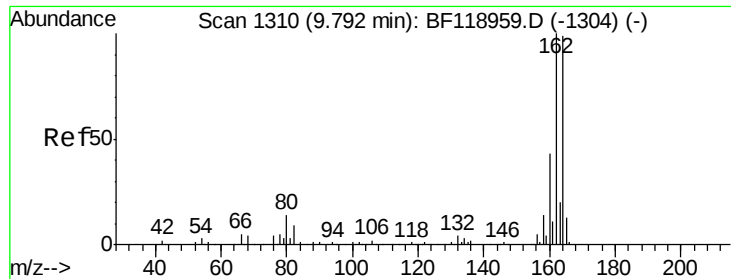
Tot Ion:142 Resp: 1164360
Ion Ratio Lower Upper
142 100
141 88.1 71.0 106.4
115 36.5 28.6 42.8



#38
1-Methylnaphthalene
Concen: 47.504 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Tgt Ion:142 Resp: 1085421
Ion Ratio Lower Upper
142 100
141 92.7 73.7 110.5
116 3.9 3.0 4.6

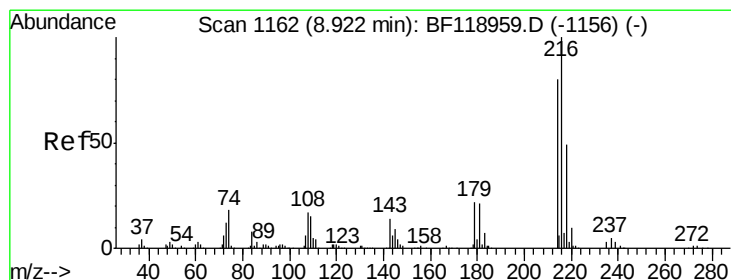
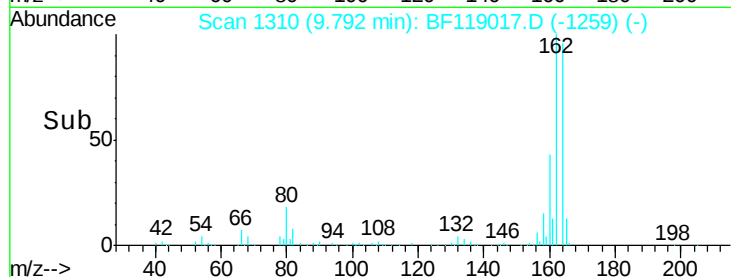
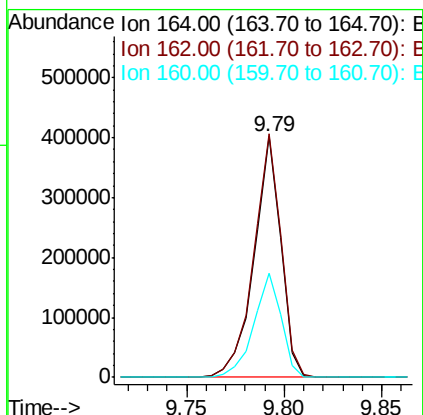
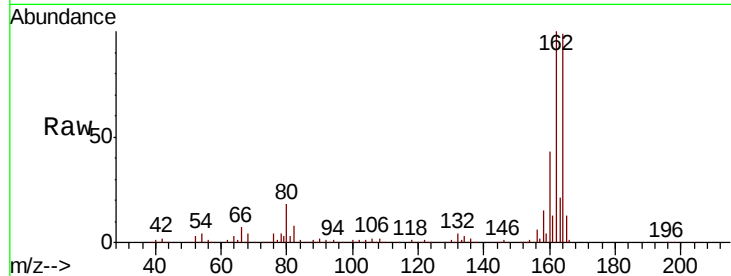




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

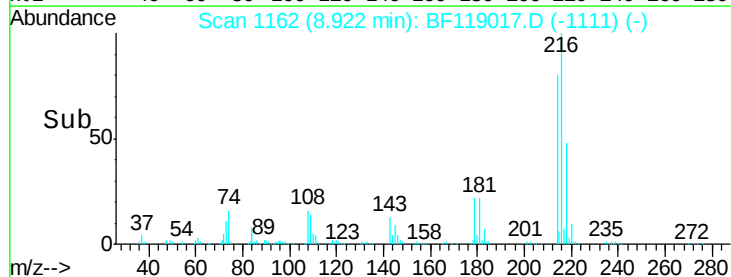
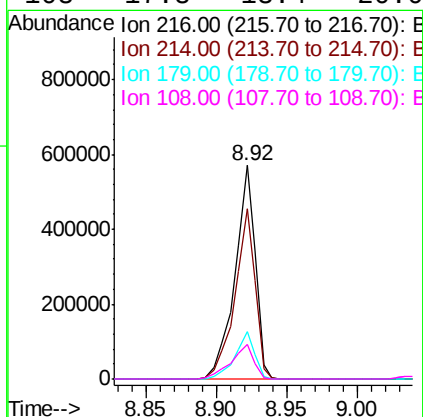
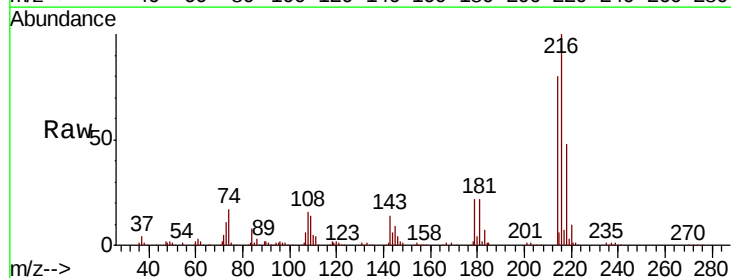
Instrument :
BNA_F
ClientSampled :

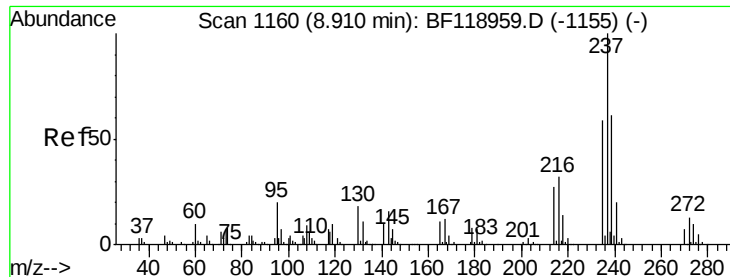
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.2	121.8
160	43.5	35.2	52.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.433 ng
RT: 8.92 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.1	94.7
179	21.5	17.2	25.8
108	17.8	13.4	20.0





#41

Hexachlorocyclopentadiene

Concen: 79.574 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BF119017.D

Acq: 24 Feb 2020 11:57

Instrument :

BNA_F

ClientSampled :

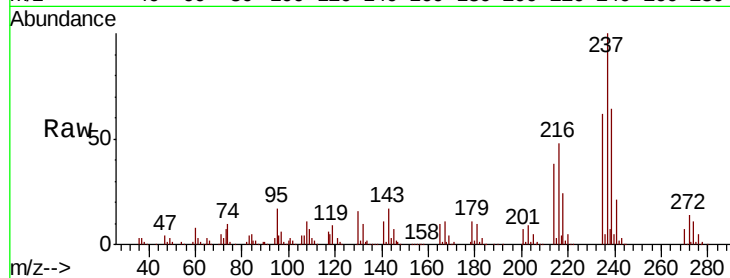
Tot Ion:237 Resp: 372780

Ion Ratio Lower Upper

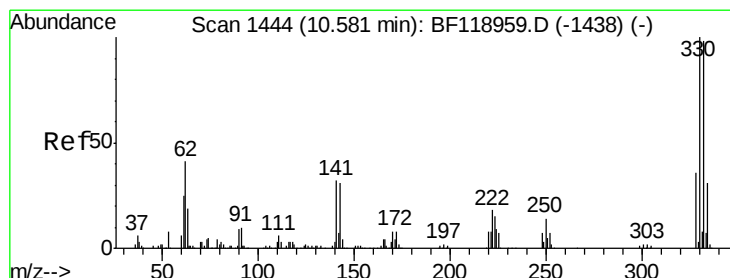
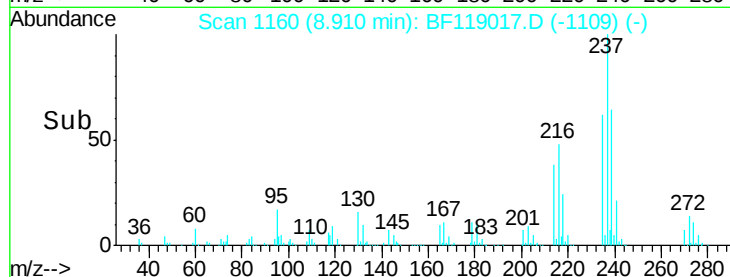
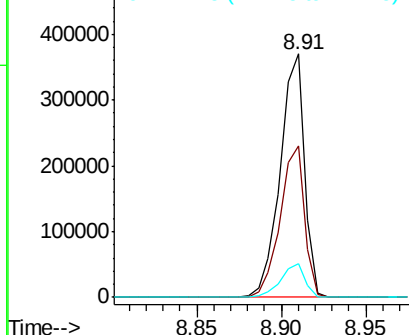
237 100

235 62.0 39.4 79.4

272 14.0 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: 125.462 ng

RT: 10.59 min Scan# 1445

Delta R.T. 0.01 min

Lab File: BF119017.D

Acq: 24 Feb 2020 11:57

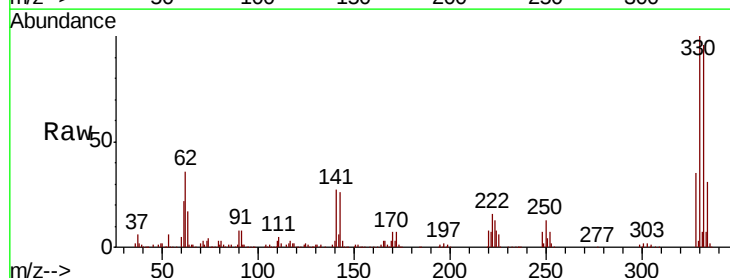
Tgt Ion:330 Resp: 626953

Ion Ratio Lower Upper

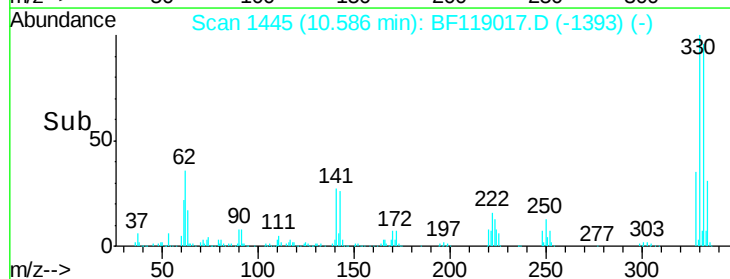
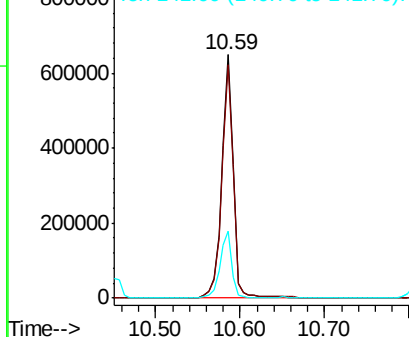
330 100

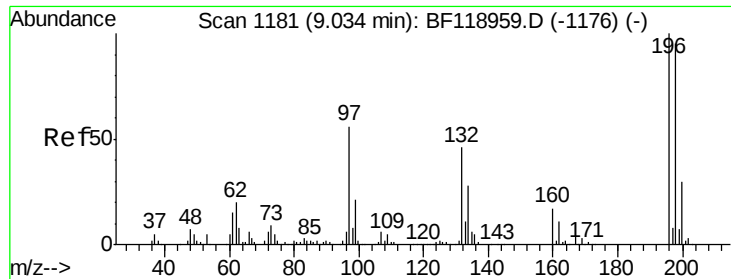
332 96.8 77.1 115.7

141 28.4 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

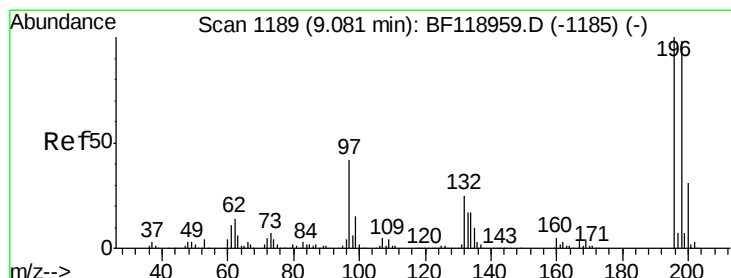
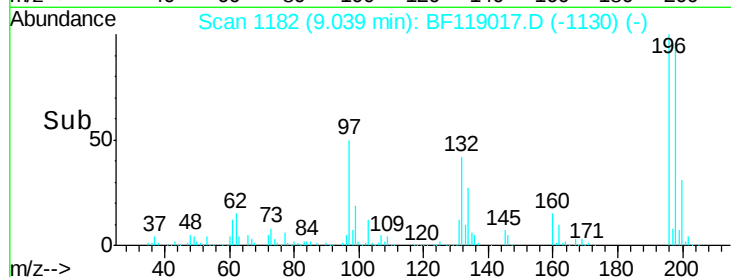
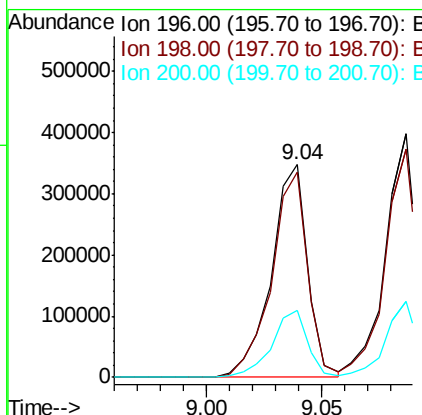
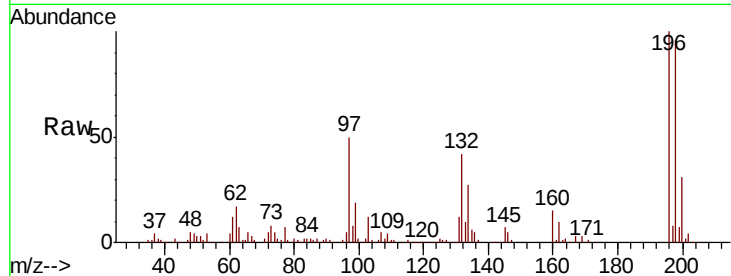




#43
 2,4,6-Trichlorophenol
 Concen: 46.445 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: BF119017.D
 Acq: 24 Feb 2020 11:57

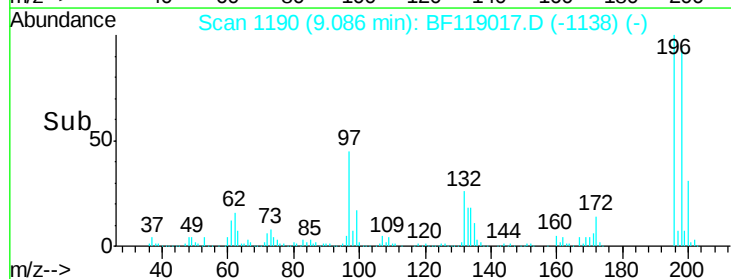
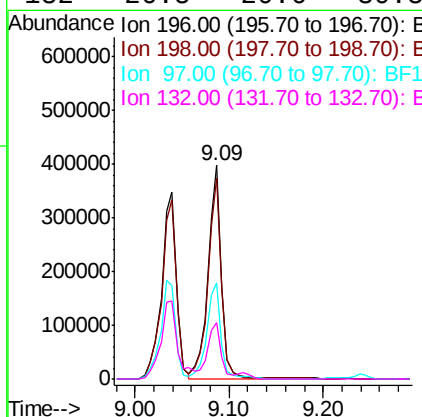
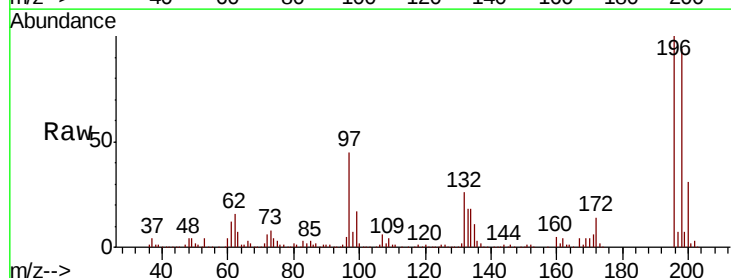
Instrument :
 BNA_F
 ClientSampleId :

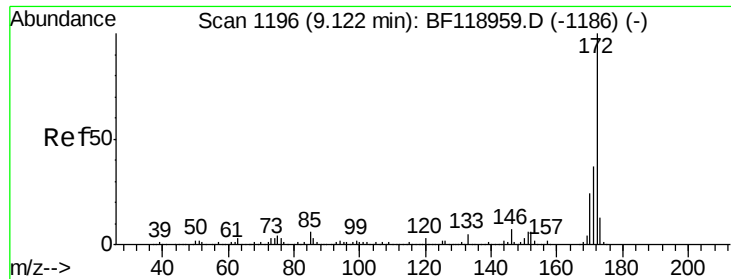
Tot Ion:196 Resp: 377745
 Ion Ratio Lower Upper
 196 100
 198 96.4 75.8 113.6
 200 31.3 24.1 36.1



#44
 2,4,5-Trichlorophenol
 Concen: 46.558 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF119017.D
 Acq: 24 Feb 2020 11:57

Tgt Ion:196 Resp: 397354
 Ion Ratio Lower Upper
 196 100
 198 93.9 78.4 117.6
 97 45.1 33.4 50.0
 132 26.5 20.6 30.8



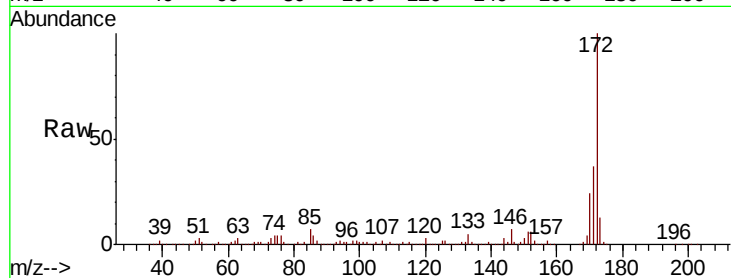


#45
 2-Fluorobiphenyl
 Concen: 88.223 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF119017.D
 Acq: 24 Feb 2020 11:57

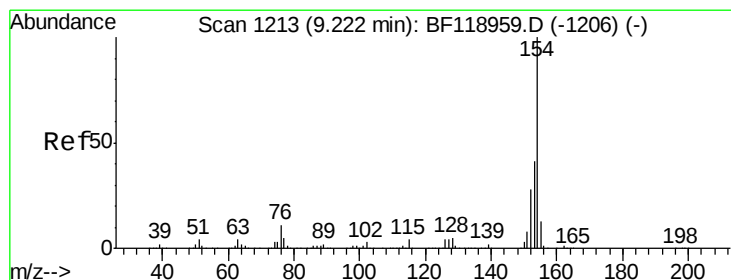
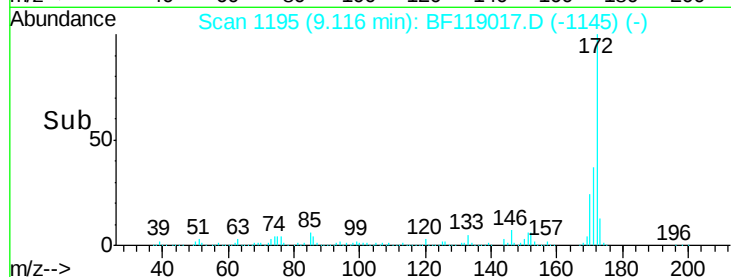
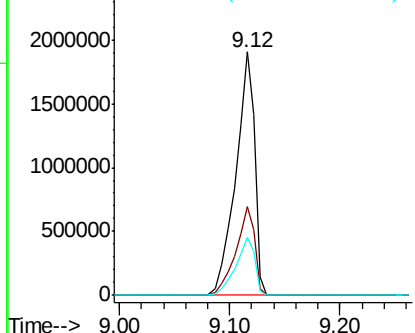
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 2287653

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.2
170	23.8	19.6	29.4



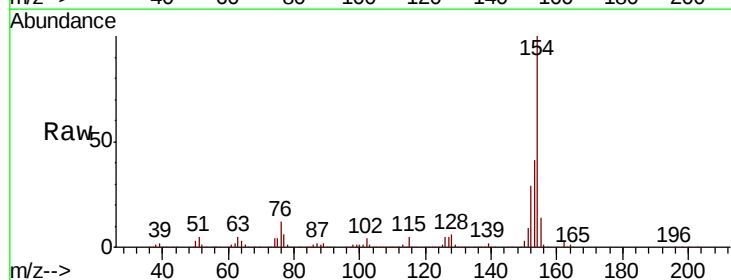
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



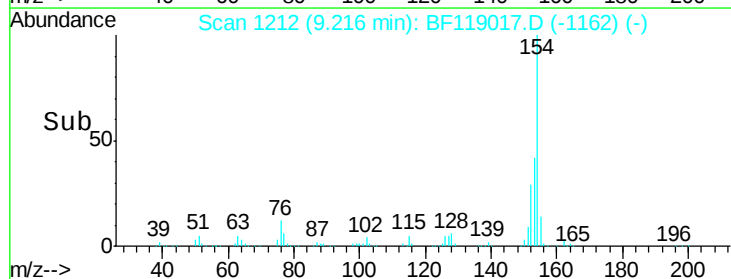
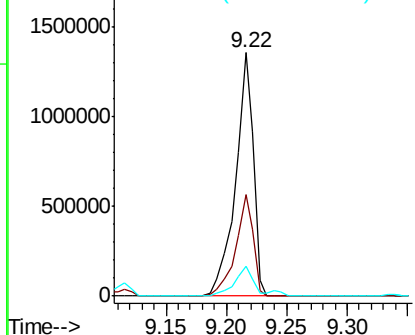
#46
 1,1'-Biphenyl
 Concen: 45.112 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF119017.D
 Acq: 24 Feb 2020 11:57

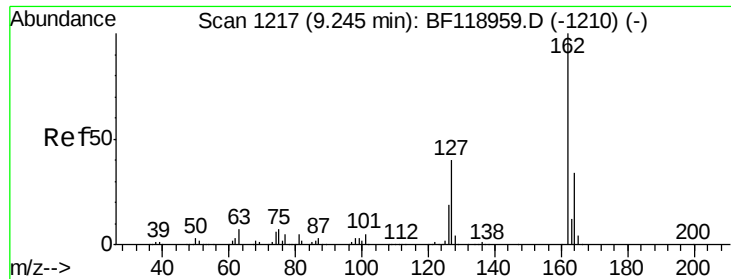
Tgt Ion:154 Resp: 1392744

Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.2	61.2
76	12.3	0.0	31.1



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

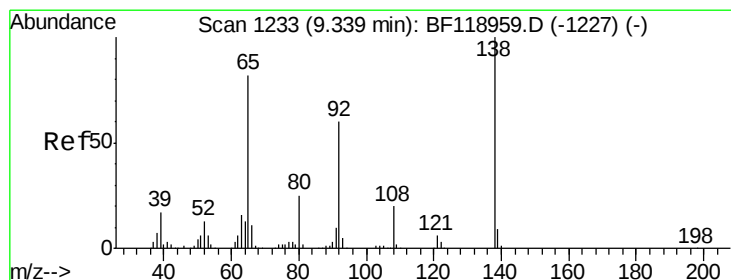
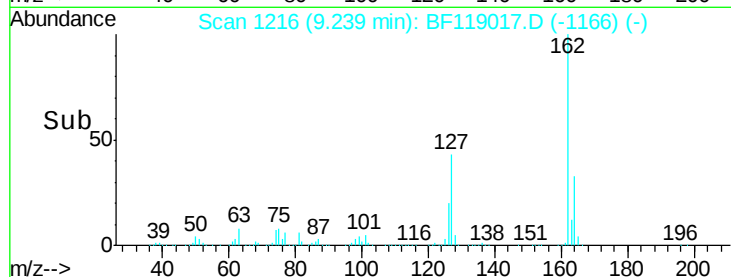
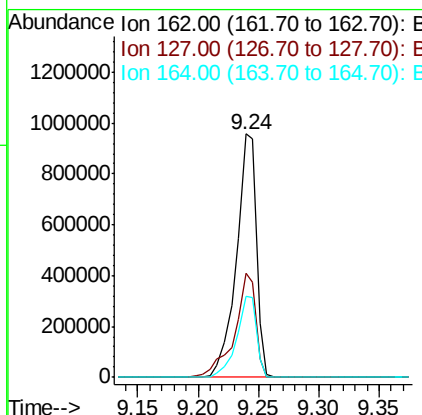
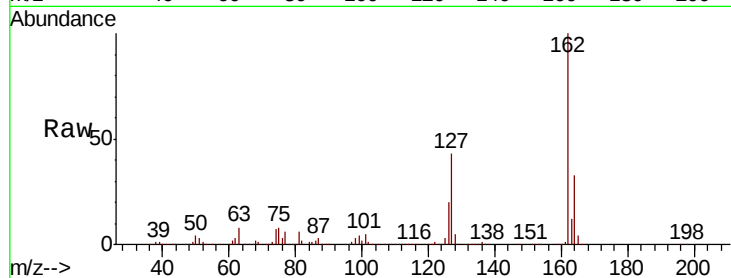




#47
 2-Chloronaphthalene
 Concen: 44.697 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF119017.D
 Acq: 24 Feb 2020 11:57

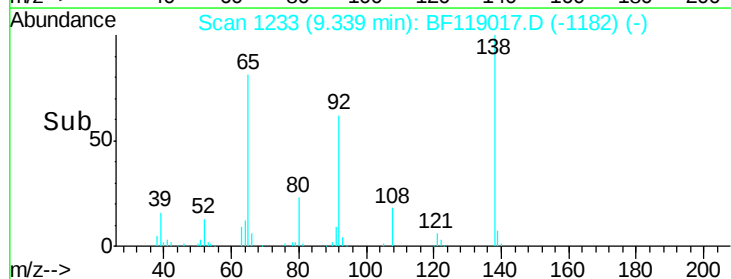
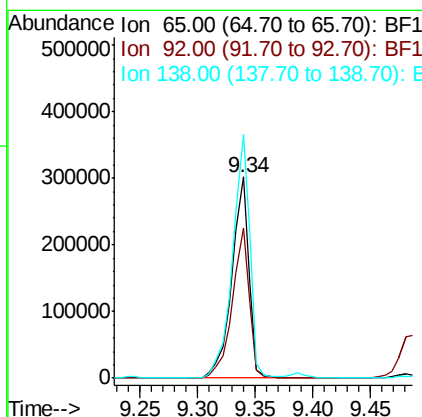
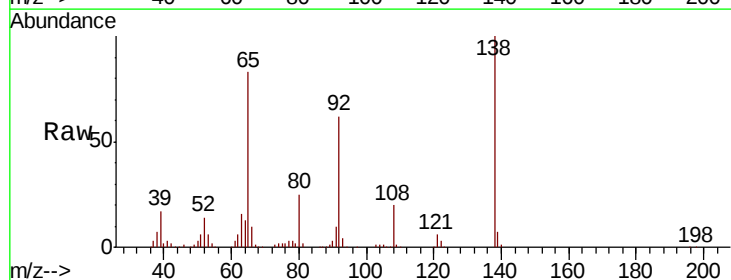
Instrument :
 BNA_F
 ClientSampleId :

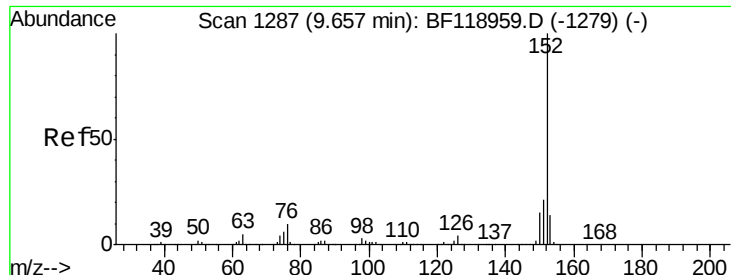
Tot Ion:162 Resp: 1112029
 Ion Ratio Lower Upper
 162 100
 127 42.6 31.9 47.9
 164 33.4 26.8 40.2



#48
 2-Nitroaniline
 Concen: 44.778 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BF119017.D
 Acq: 24 Feb 2020 11:57

Tgt Ion: 65 Resp: 310723
 Ion Ratio Lower Upper
 65 100
 92 74.9 58.6 87.8
 138 121.1 97.5 146.3





#49

Acenaphthylene

Concen: 47.220 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BF119017.D

Acq: 24 Feb 2020 11:57

Instrument :

BNA_F

ClientSampleId :

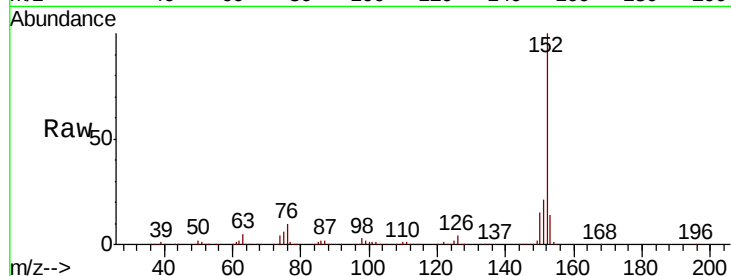
Tot Ion:152 Resp: 1696747

Ion Ratio Lower Upper

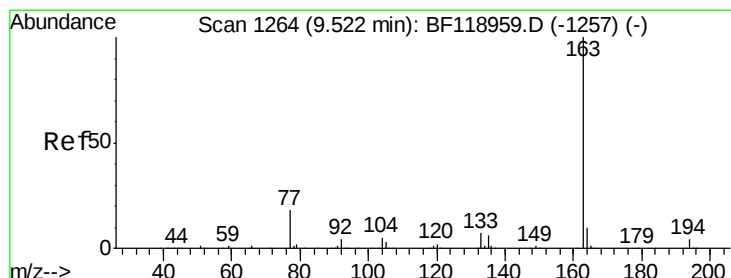
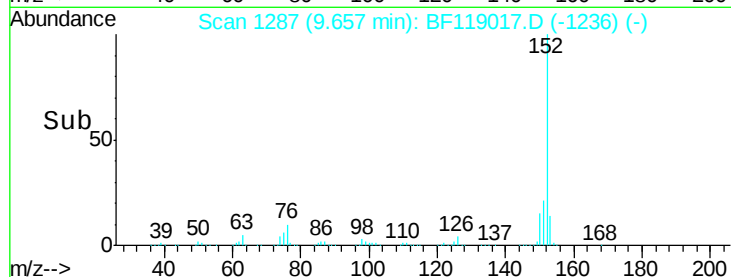
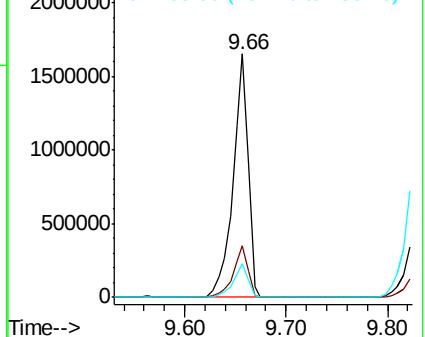
152 100

151 21.2 16.7 25.1

153 13.7 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: 48.821 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BF119017.D

Acq: 24 Feb 2020 11:57

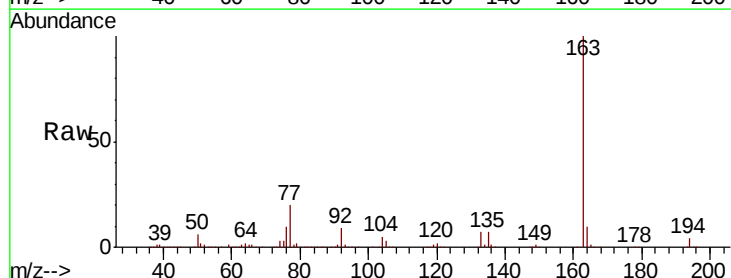
Tgt Ion:163 Resp: 1426098

Ion Ratio Lower Upper

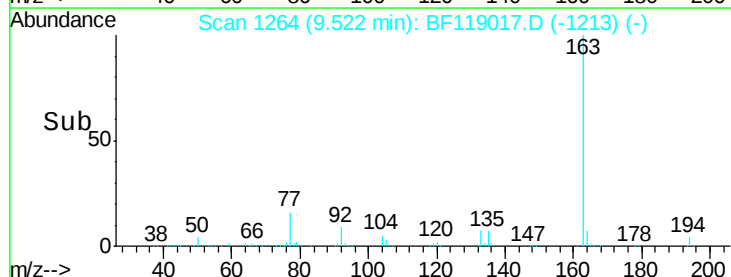
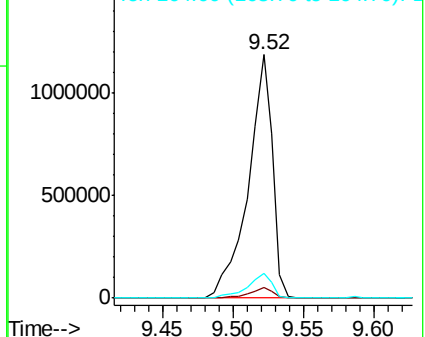
163 100

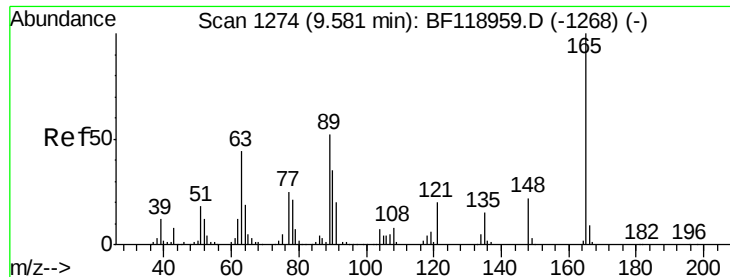
194 4.2 3.4 5.2

164 10.4 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

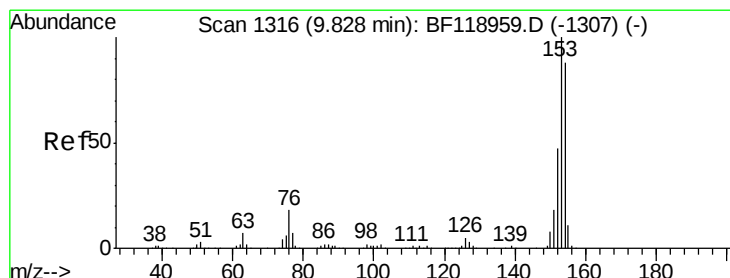
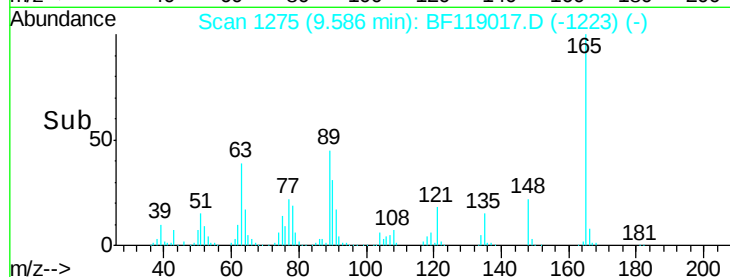
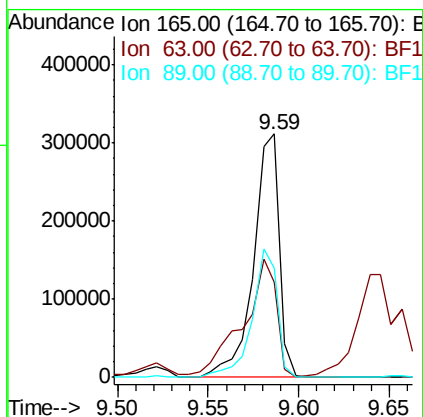
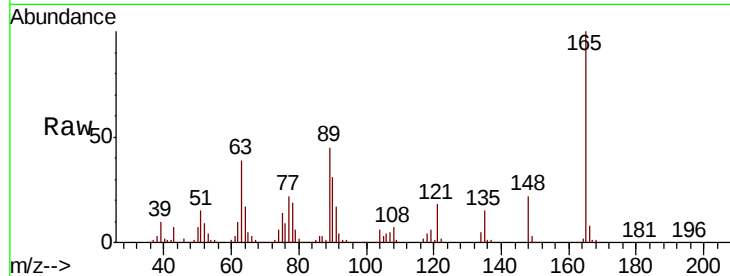




#51
 2,6-Dinitrotoluene
 Concen: 47.539 ng
 RT: 9.59 min Scan# 1275
 Delta R.T. 0.01 min
 Lab File: BF119017.D
 Acq: 24 Feb 2020 11:57

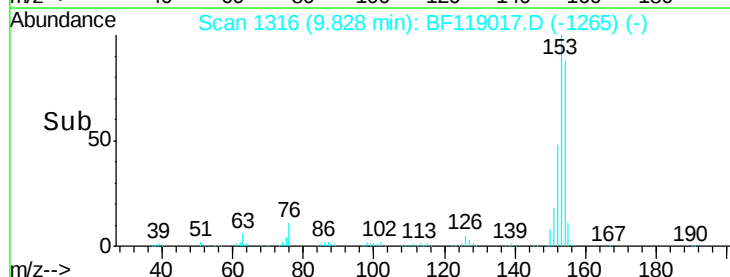
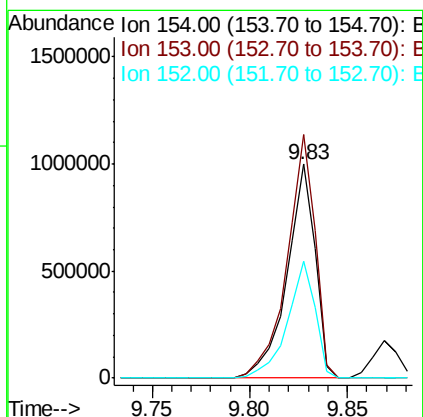
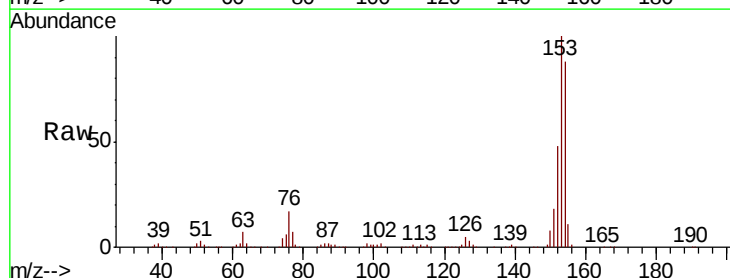
Instrument :
 BNA_F
 ClientSampleId :

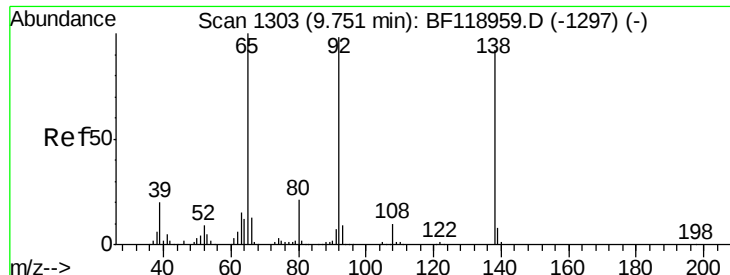
Tot Ion	Ratio	Lower	Upper
165	100		
63	39.2	37.9	56.9
89	44.9	41.4	62.0



#52
 Acenaphthene
 Concen: 46.074 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: BF119017.D
 Acq: 24 Feb 2020 11:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.7	90.4	135.6
152	54.5	42.9	64.3

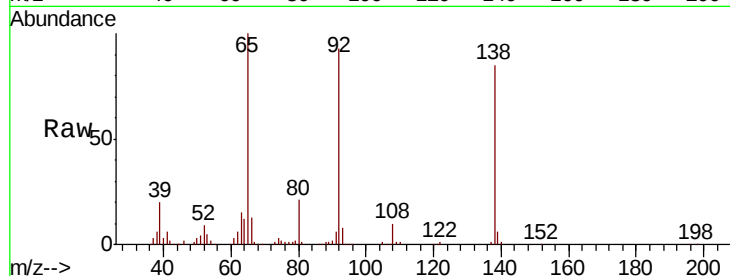




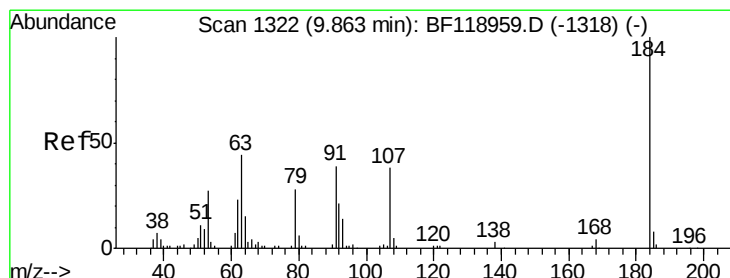
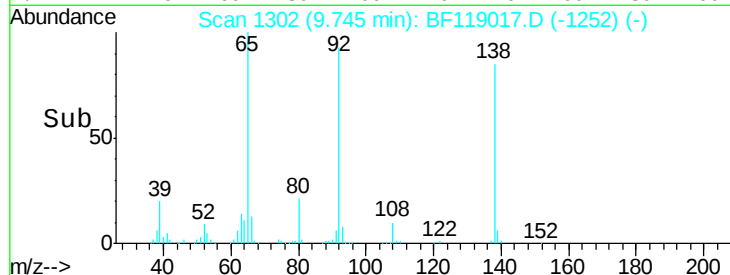
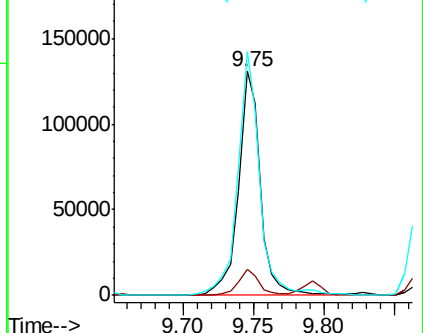
#53
3-Nitroaniline
Concen: 19.649 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 141370
Ion Ratio Lower Upper
138 100
108 11.4 8.6 13.0
92 108.7 84.6 127.0

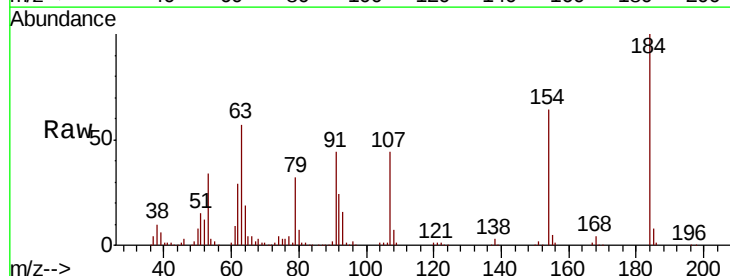


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

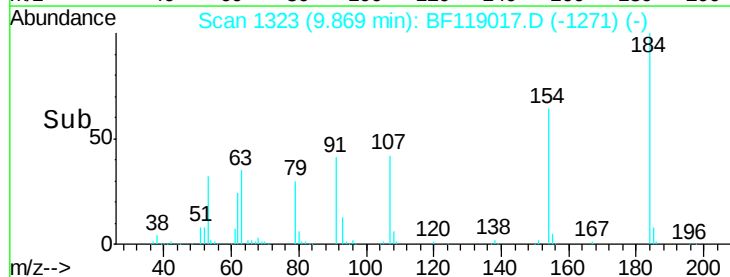
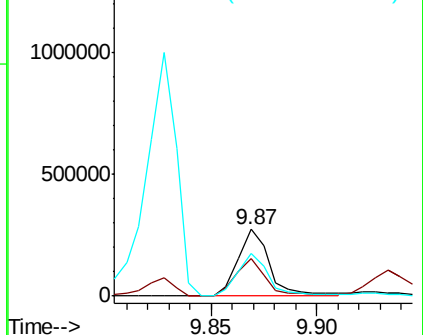


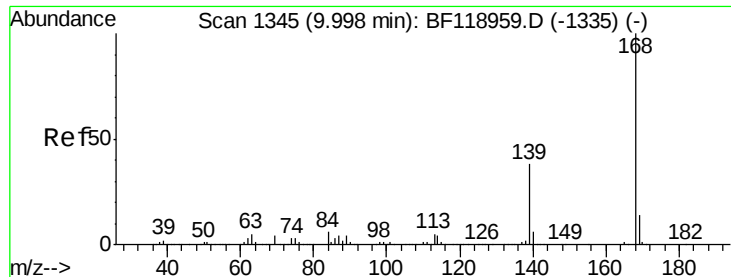
#54
2,4-Dinitrophenol
Concen: 89.890 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Tgt Ion:184 Resp: 286743
Ion Ratio Lower Upper
184 100
63 56.9 37.8 56.6#
154 63.9 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

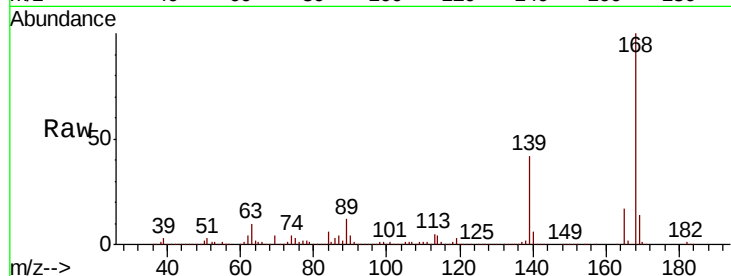




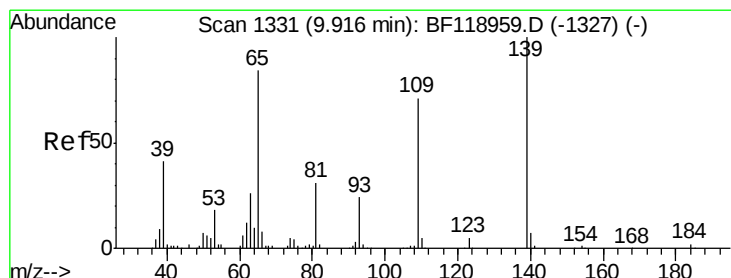
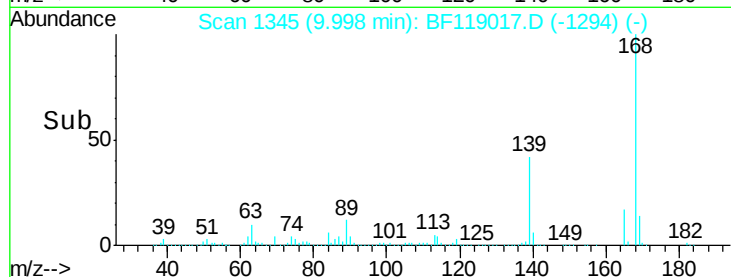
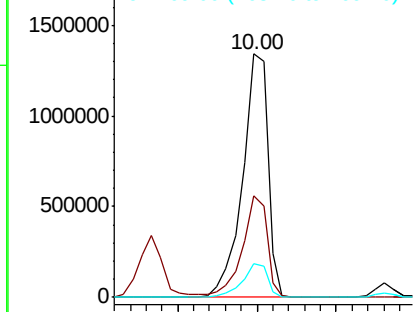
#55
Dibenzenofuran
Concen: 46.149 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1492450
Ion Ratio Lower Upper
168 100
139 41.9 31.7 47.5
169 13.9 11.0 16.4

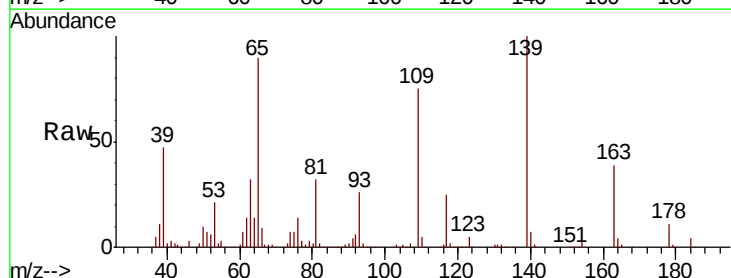


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

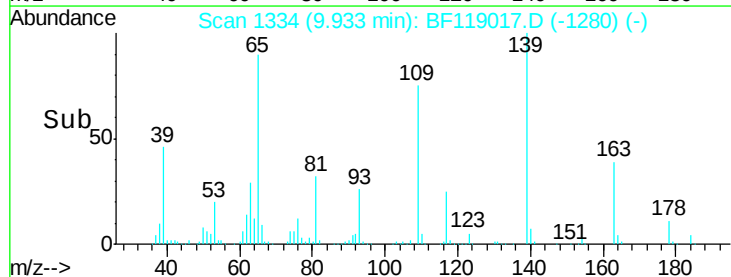
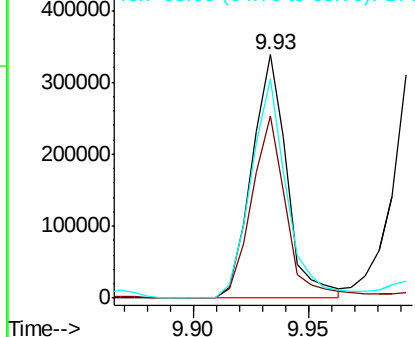


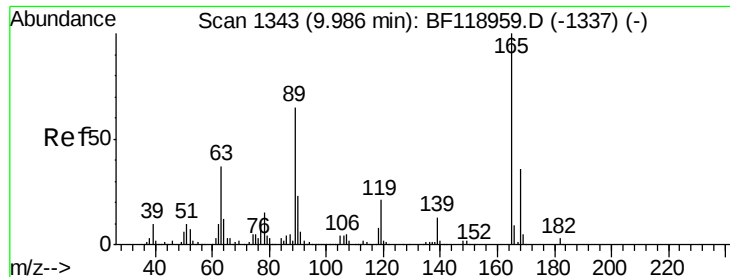
#56
4-Nitrophenol
Concen: 82.976 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.02 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Tgt Ion:139 Resp: 358678
Ion Ratio Lower Upper
139 100
109 74.9 51.1 91.1
65 90.3 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

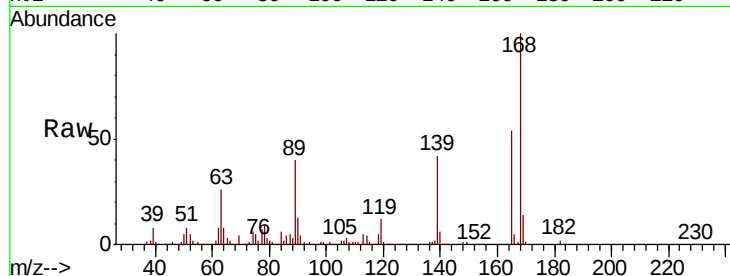




#57
2,4-Dinitrotoluene
Concen: 45.407 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	48.2	29.8	44.8#
89	73.5	51.9	77.9
182	3.1	2.3	3.5



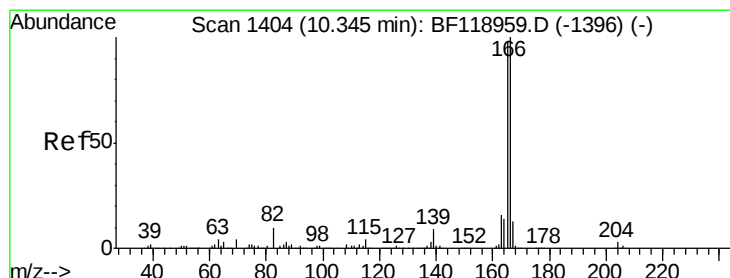
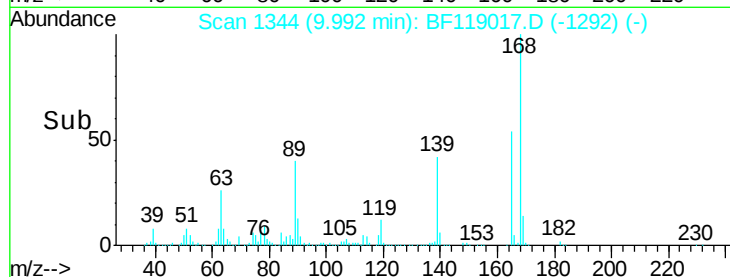
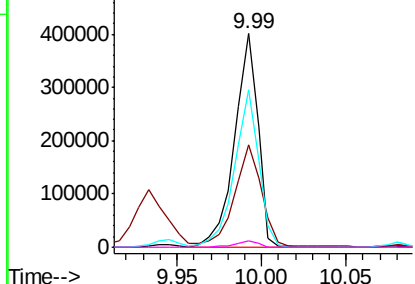
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

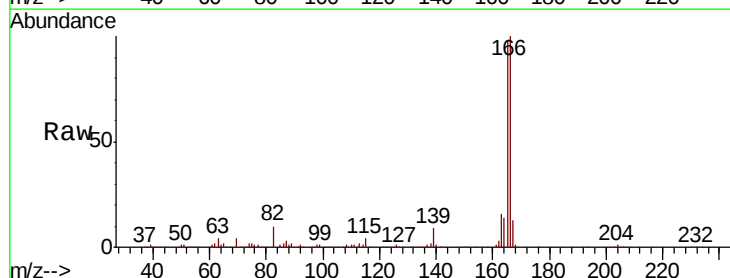
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 46.657 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.2	117.4
167	13.2	10.6	16.0

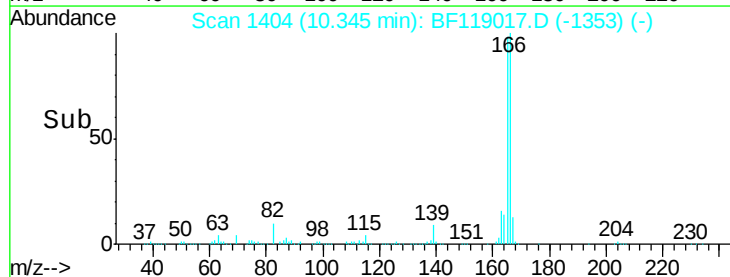
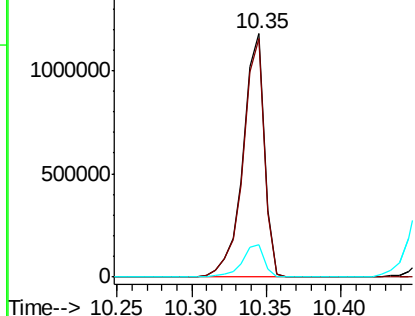


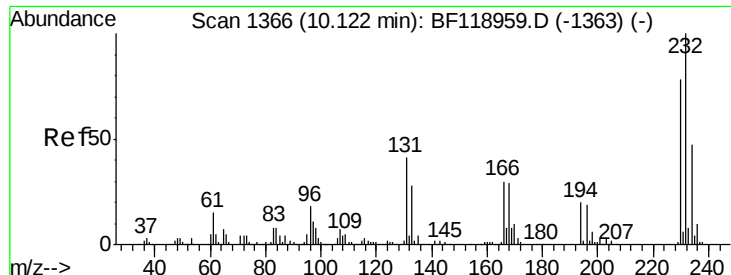
Abundance

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

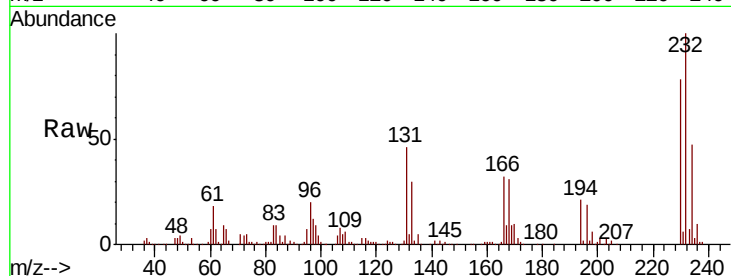




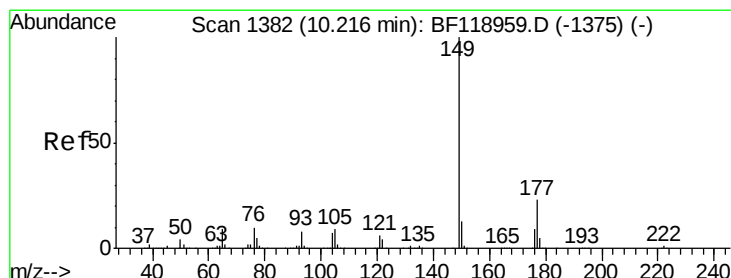
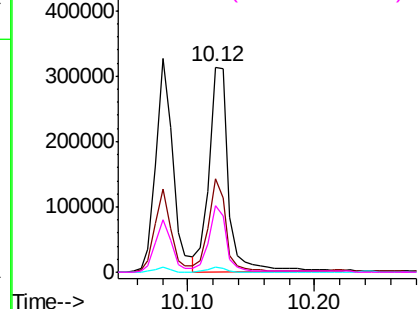
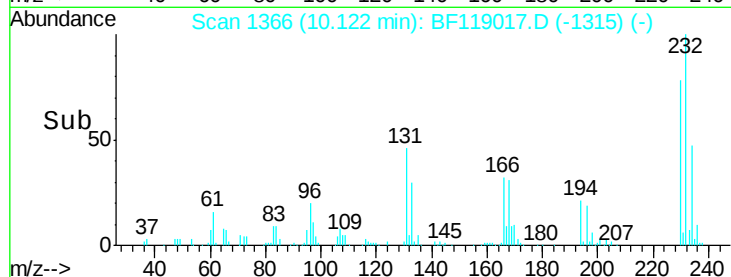
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.414 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: BF119017.D
 Acq: 24 Feb 2020 11:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.7	34.0	51.0
130	2.3	1.6	2.4
166	28.9	23.6	35.4

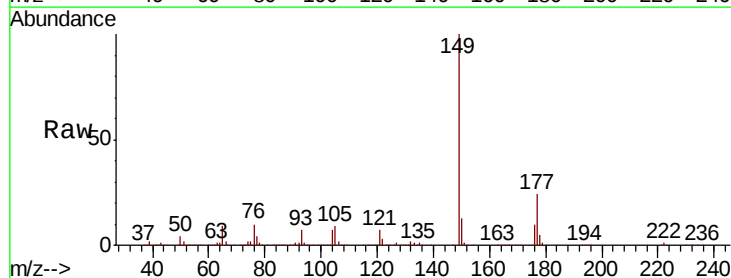


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

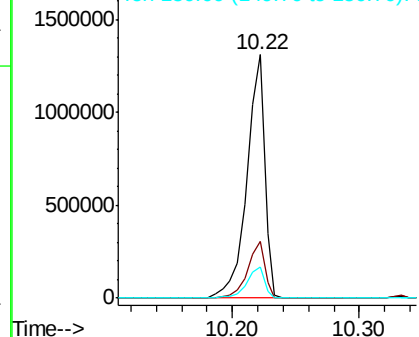
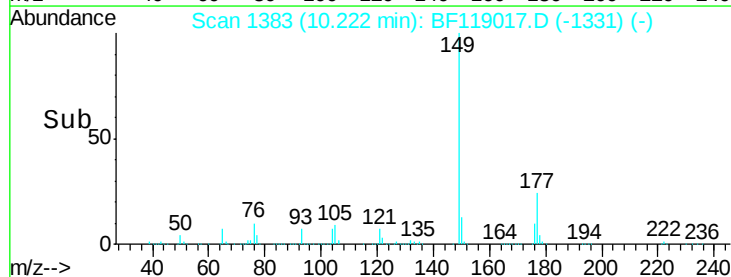


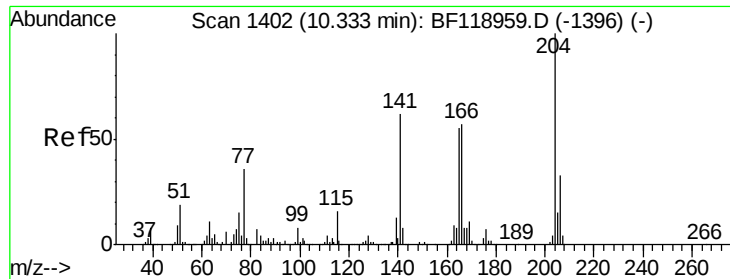
#60
 Diethylphthalate
 Concen: 45.991 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. 0.01 min
 Lab File: BF119017.D
 Acq: 24 Feb 2020 11:57

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.1	27.1
150	12.8	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

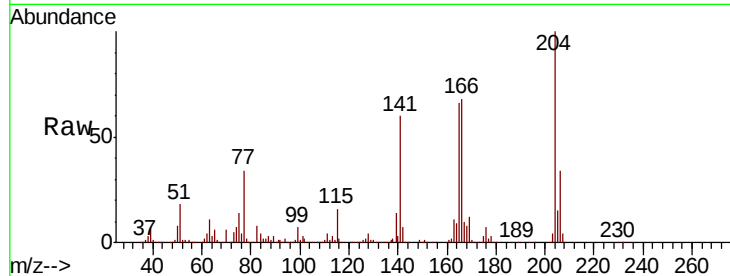




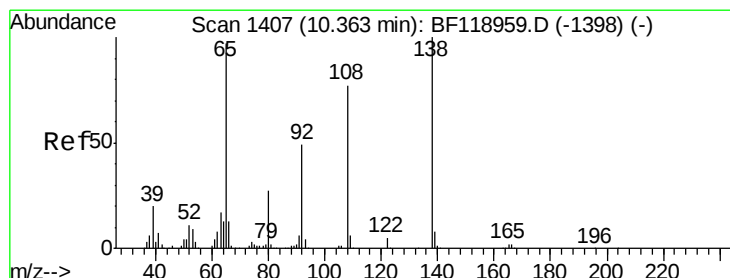
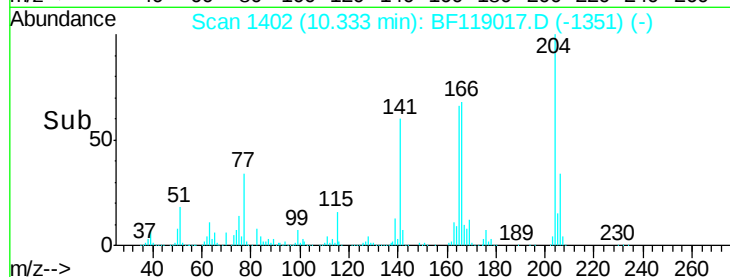
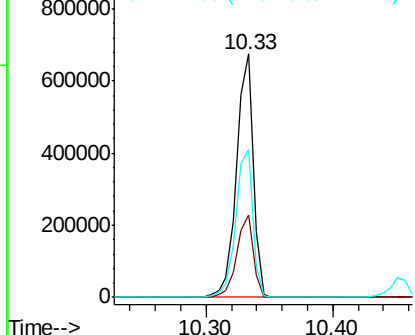
#61
4-Chlorophenyl-phenylether
Concen: 45.748 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 608527
Ion Ratio Lower Upper
204 100
206 34.0 26.5 39.7
141 60.4 49.5 74.3

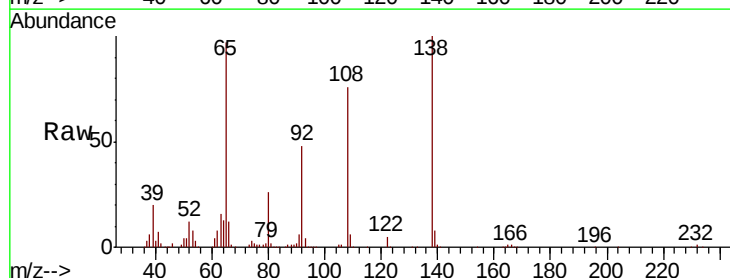


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

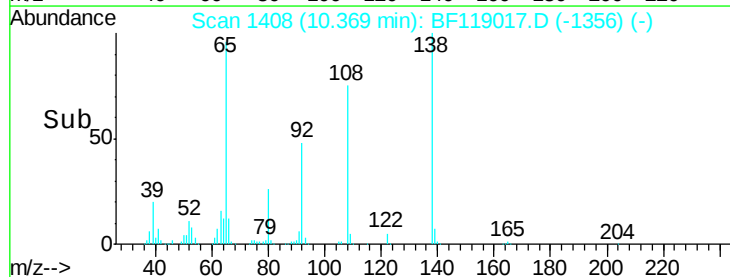
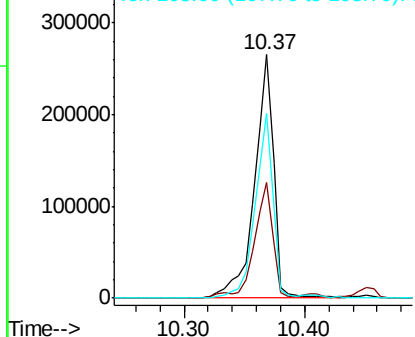


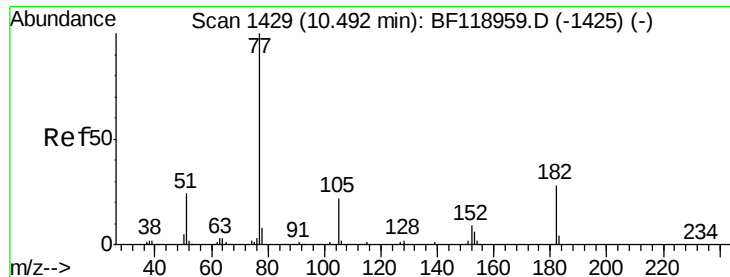
#62
4-Nitroaniline
Concen: 40.001 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.01 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Tgt Ion:138 Resp: 294447
Ion Ratio Lower Upper
138 100
92 47.7 28.7 68.7
108 75.7 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: 46.824 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.00 min

Lab File: BF119017.D

Acq: 24 Feb 2020 11:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1120369

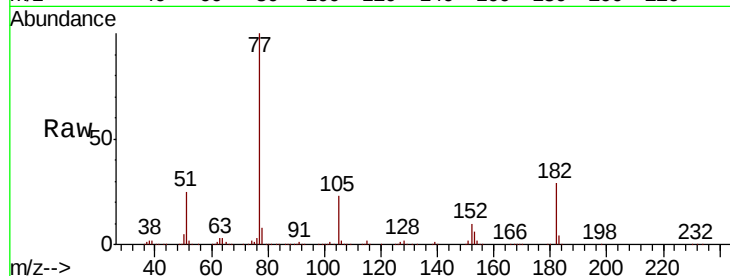
Ion	Ratio	Lower	Upper
77	100		
182	29.1	8.2	48.2
105	22.6	2.3	42.3
51	24.6	3.6	43.6

77 100

182 29.1 8.2 48.2

105 22.6 2.3 42.3

51 24.6 3.6 43.6

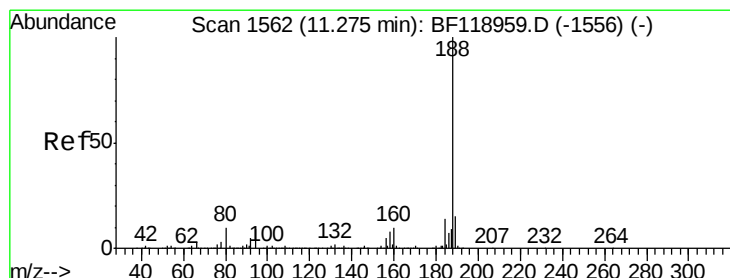
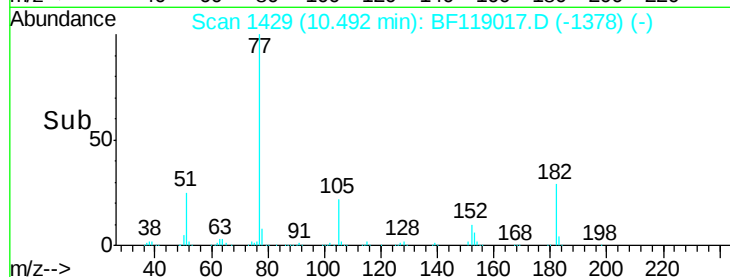
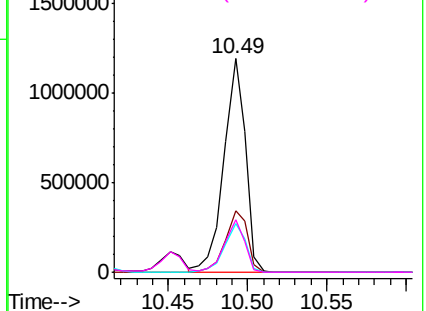


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.27 min Scan# 1562

Delta R.T. -0.00 min

Lab File: BF119017.D

Acq: 24 Feb 2020 11:57

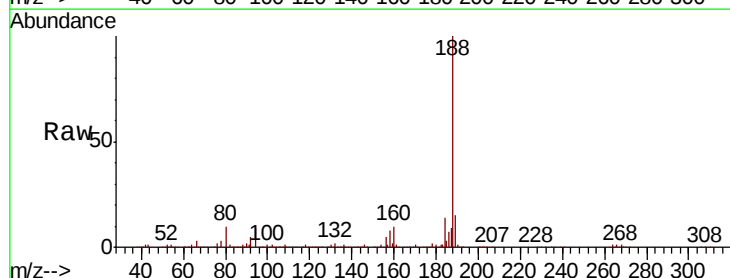
Tgt Ion: 188 Resp: 694990

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.0	10.6
80	9.6	7.9	11.9

188 100

94 8.9 7.0 10.6

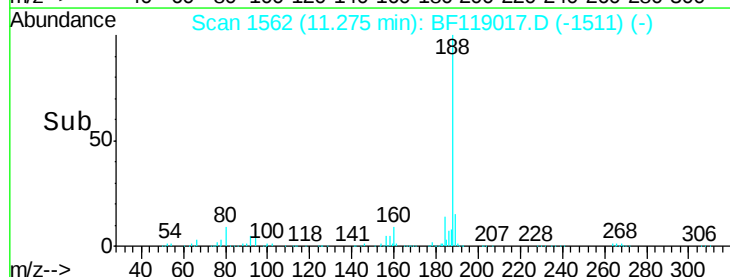
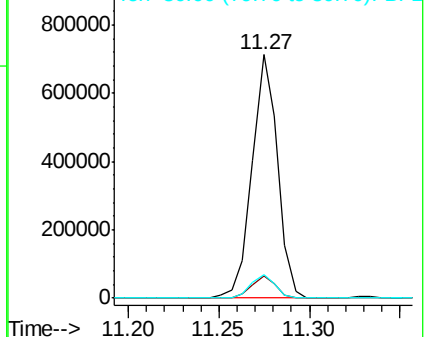
80 9.6 7.9 11.9

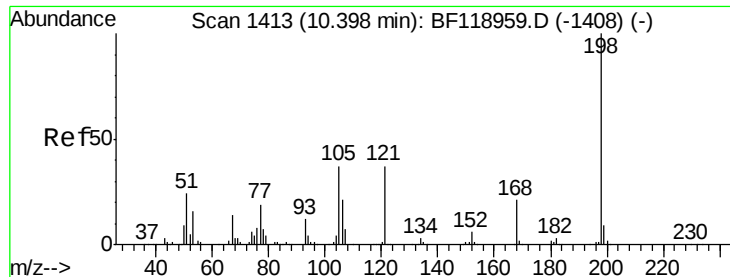


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

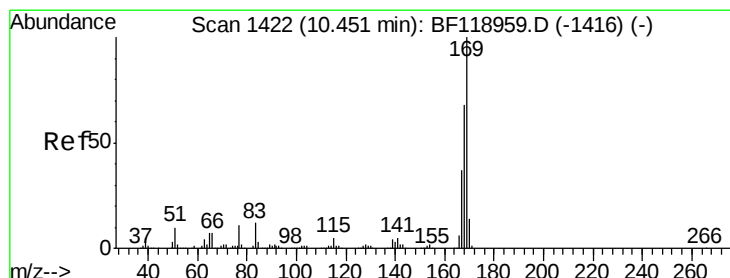
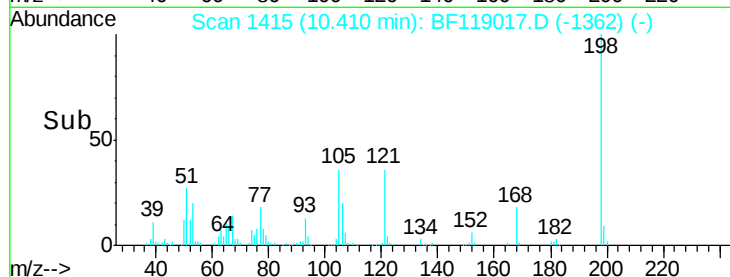
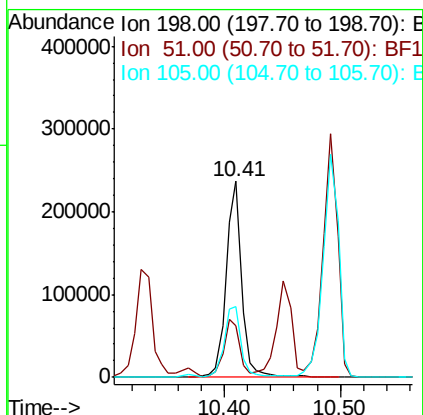
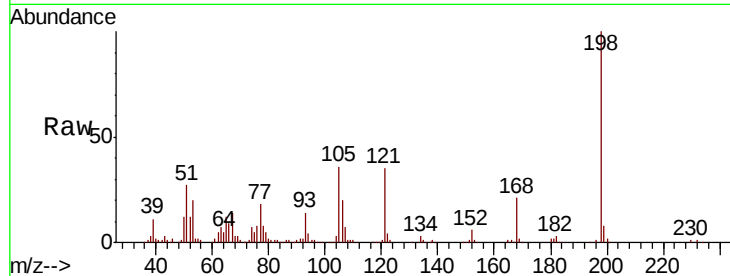




#65
4,6-Dinitro-2-methylphenol
Concen: 52.621 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

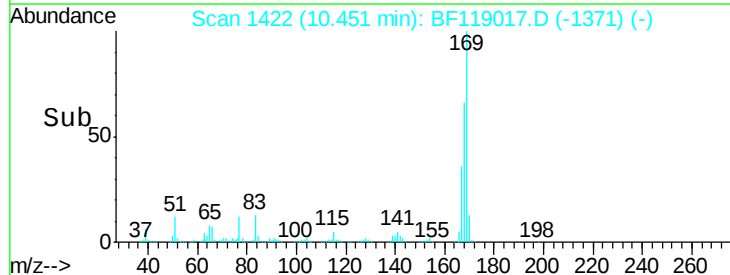
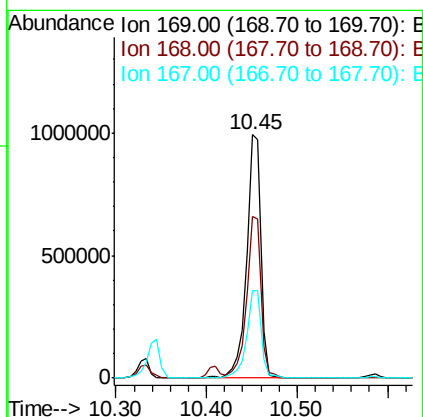
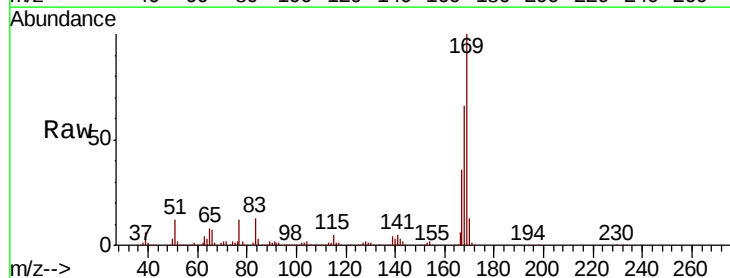
Instrument :
BNA_F
ClientSampleId :

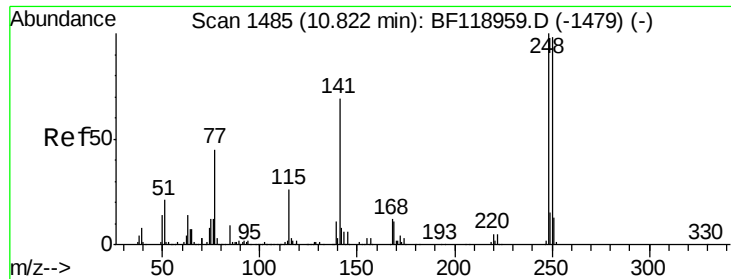
Tot Ion	Ratio	Lower	Upper
198	100		
51	26.6	7.1	47.1
105	36.2	18.3	58.3



#66
n-Nitrosodiphenylamine
Concen: 47.286 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.3	54.2	81.2
167	36.0	29.4	44.2

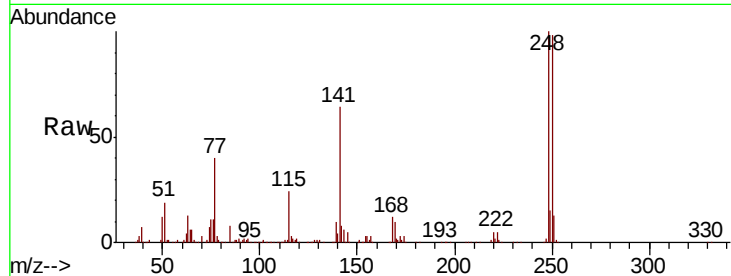




#67
4-Bromophenyl-phenylether
Concen: 45.756 ng
RT: 10.82 min Scan# 1485
Delta R.T. -0.00 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	78.8	118.2
141	64.1	55.3	82.9

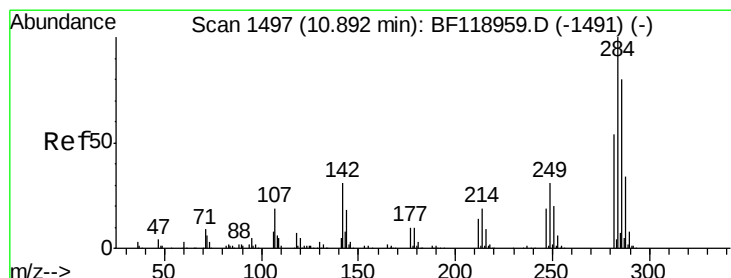
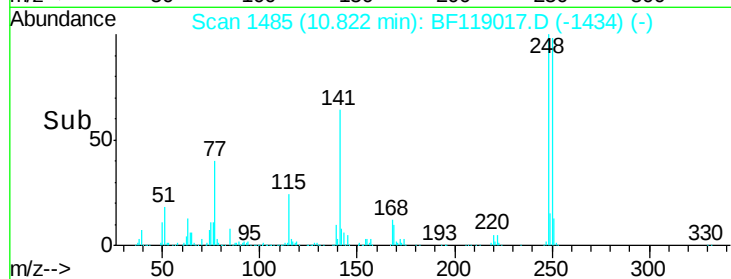
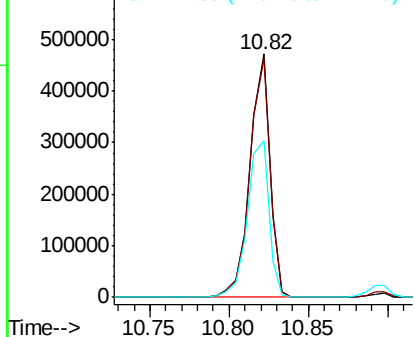


Abundance

Ion 248.00 (247.70 to 248.70): E

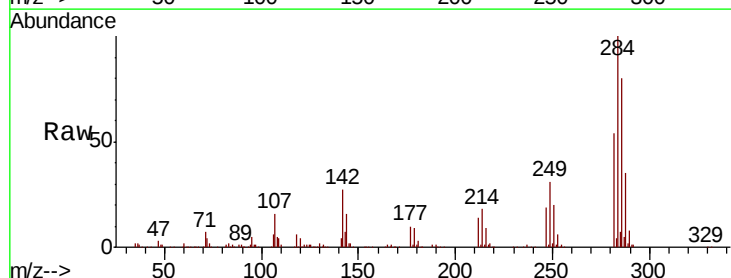
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 44.669 ng
RT: 10.90 min Scan# 1498
Delta R.T. 0.01 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.9	25.0	37.6
249	30.8	25.0	37.4

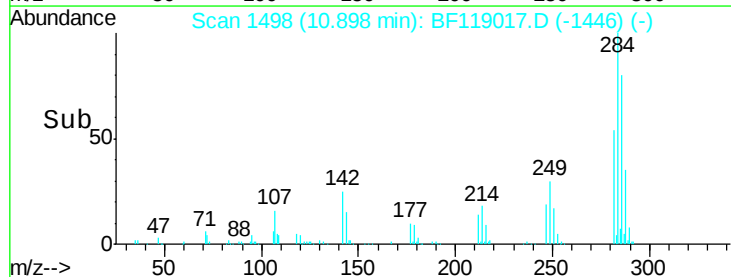
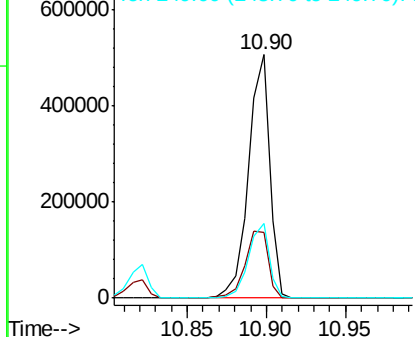


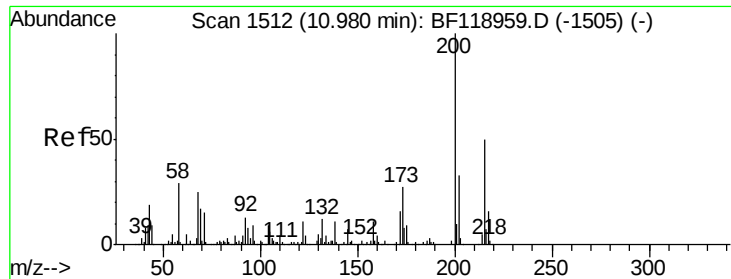
Abundance

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

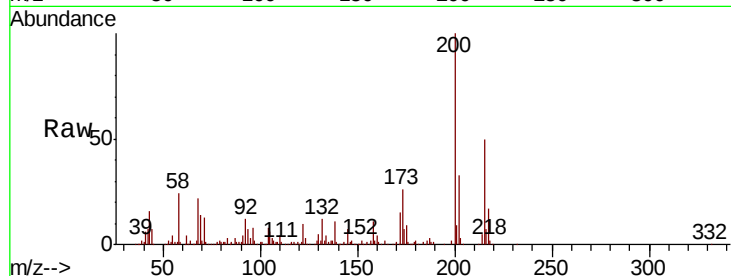




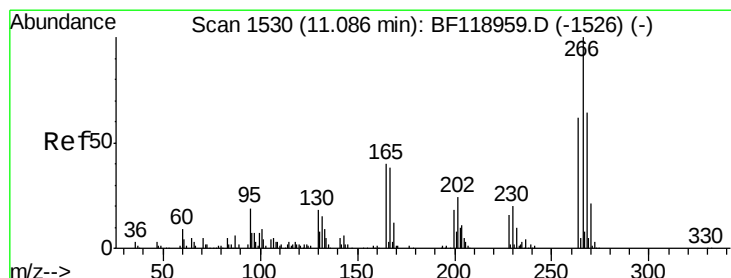
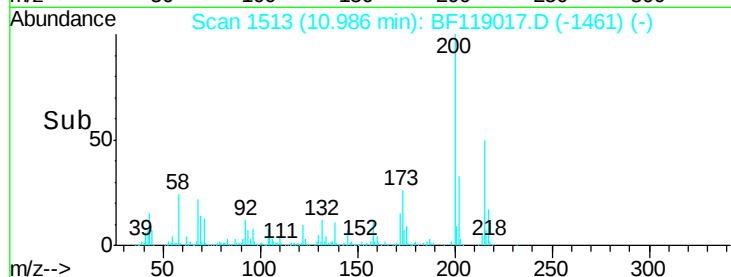
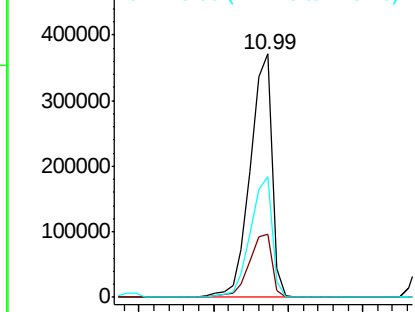
#69
Atrazine
Concen: 46.799 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.01 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.1	6.9	46.9
215	49.6	29.7	69.7

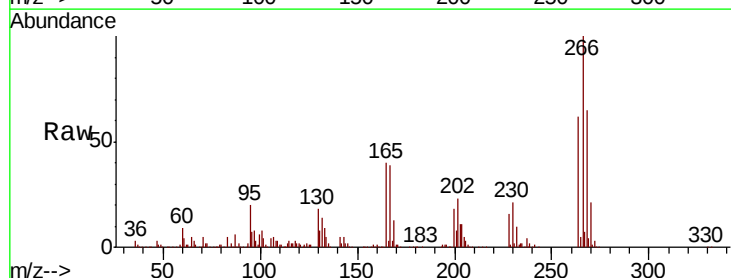


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

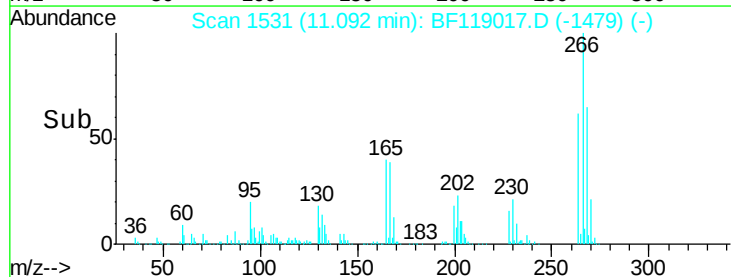
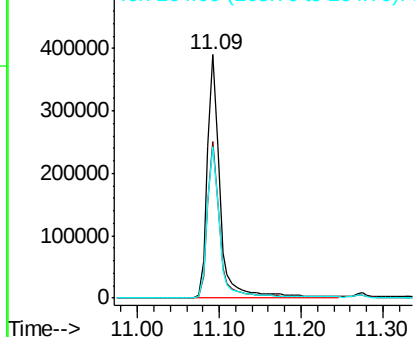


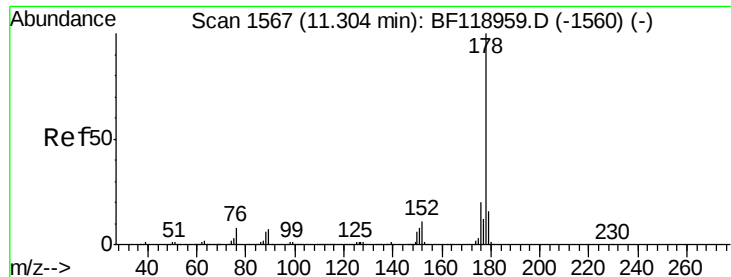
#70
Pentachlorophenol
Concen: 101.442 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.01 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.5	51.4	77.0
264	62.4	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

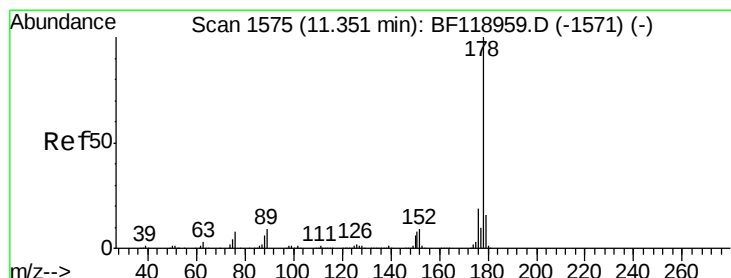
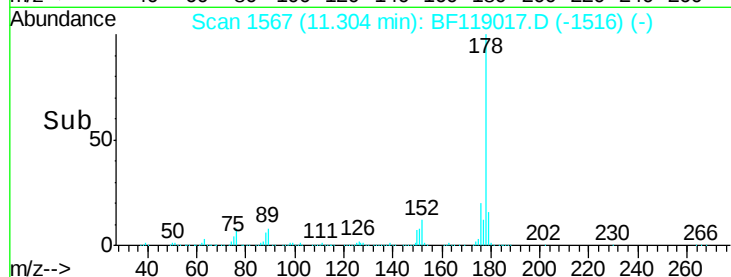
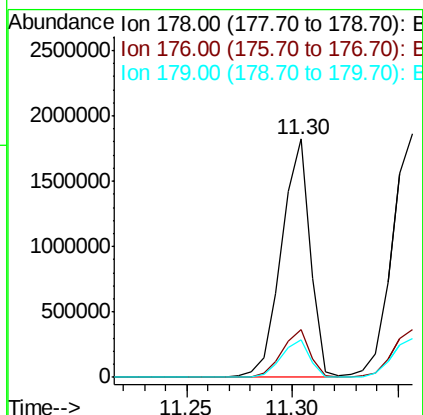
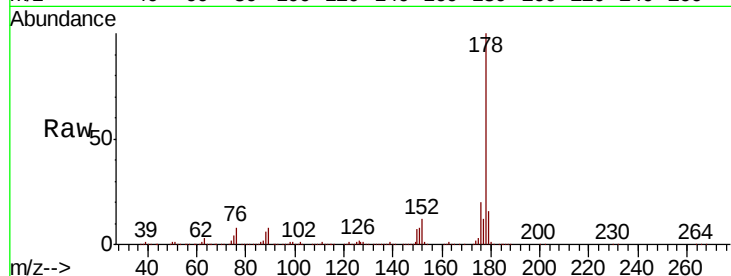




#71
Phenanthrene
Concen: 45.746 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.00 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

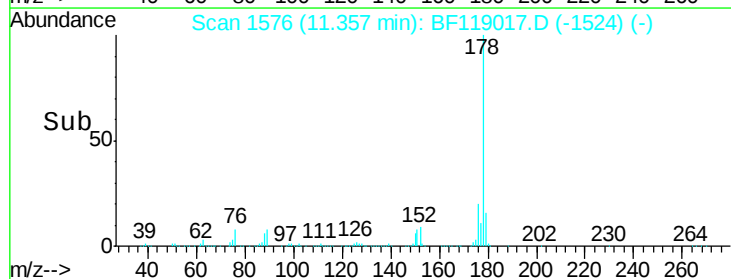
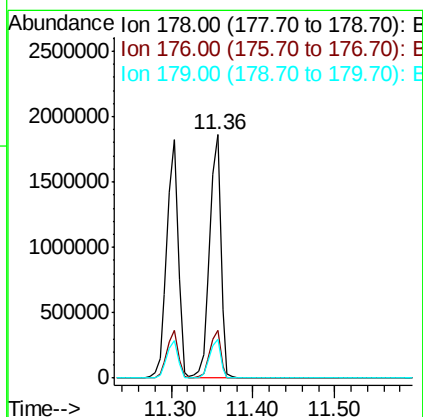
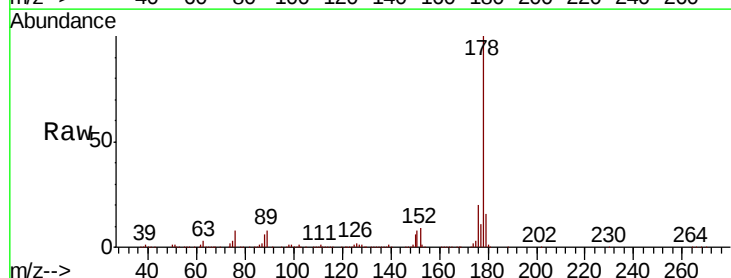
Instrument :
BNA_F
ClientSampleId :

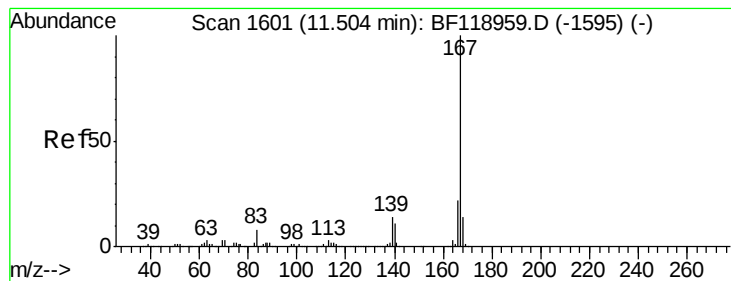
Tot Ion:178 Resp: 1733837
Ion Ratio Lower Upper
178 100
176 20.3 15.6 23.4
179 15.9 12.6 18.8



#72
Anthracene
Concen: 46.494 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.01 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Tgt Ion:178 Resp: 1760719
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.2
179 16.0 12.8 19.2





#73

Carbazole

Concen: 45.850 ng

RT: 11.51 min Scan# 1602

Delta R.T. 0.01 min

Lab File: BF119017.D

Acq: 24 Feb 2020 11:57

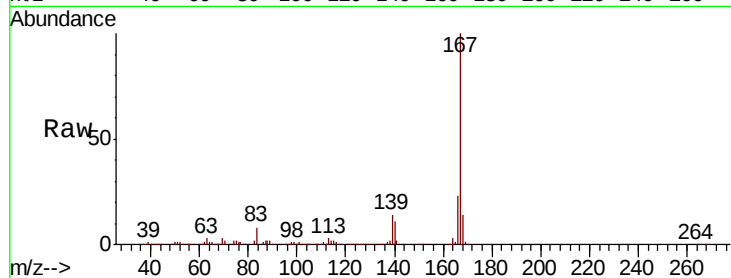
Instrument :

BNA_F

ClientSampleId :

Tot Ion:167 Resp: 1546867

Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.8	26.6
139	14.0	11.2	16.8

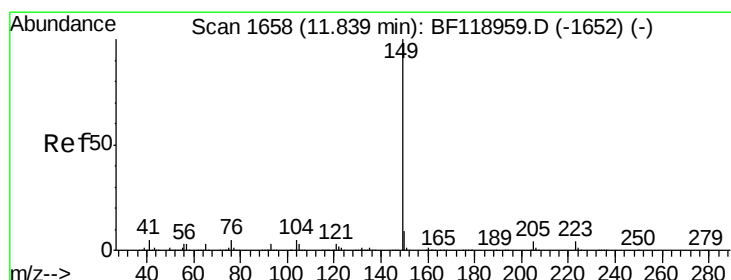
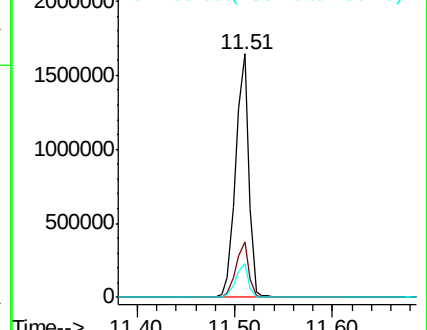
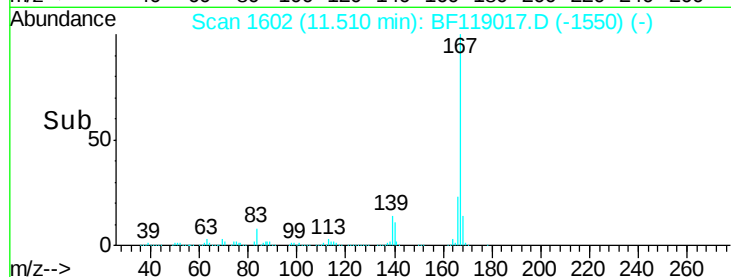


Abundance

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: 45.649 ng

RT: 11.84 min Scan# 1658

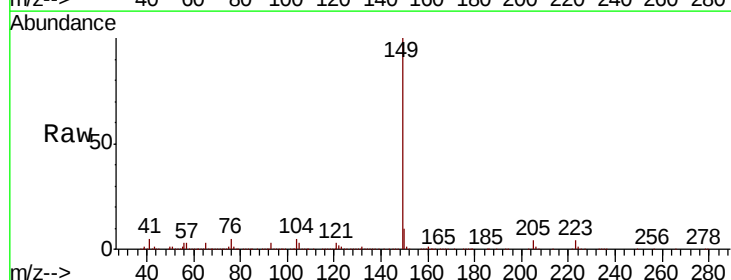
Delta R.T. -0.00 min

Lab File: BF119017.D

Acq: 24 Feb 2020 11:57

Tgt Ion:149 Resp: 1865053

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.5	11.3
104	5.2	4.0	6.0

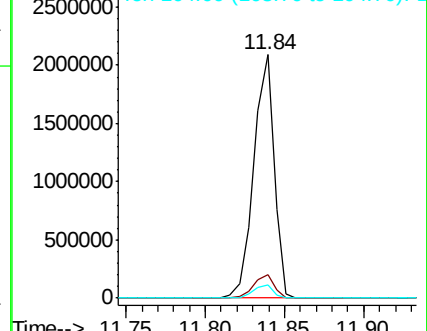
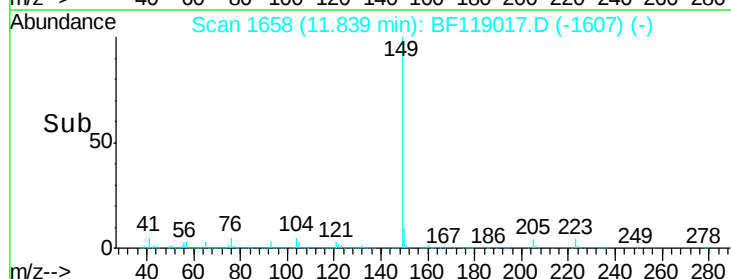


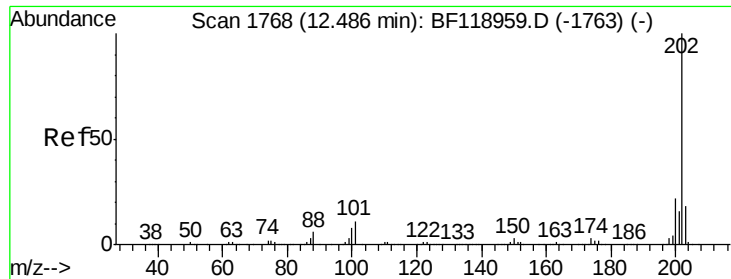
Abundance

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

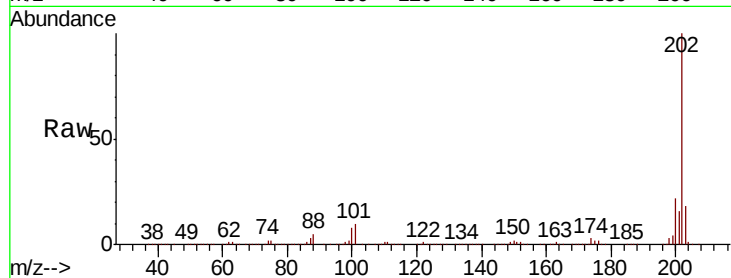




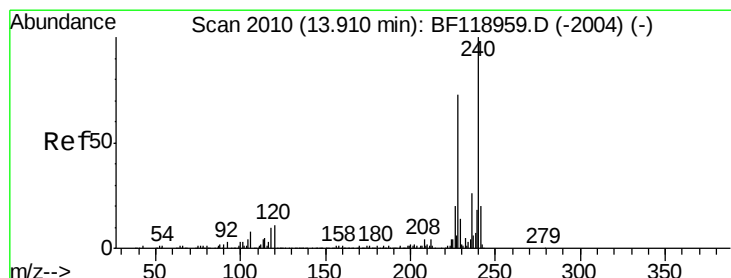
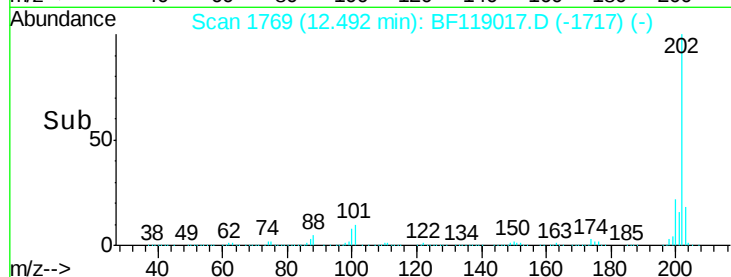
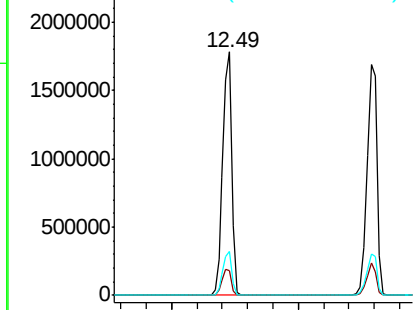
#75
 Fluoranthene
 Concen: 44.952 ng
 RT: 12.49 min Scan# 1769
 Delta R.T. 0.01 min
 Lab File: BF119017.D
 Acq: 24 Feb 2020 11:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1808461
 Ion Ratio Lower Upper
 202 100
 101 10.2 0.0 31.1
 203 18.2 0.0 38.1

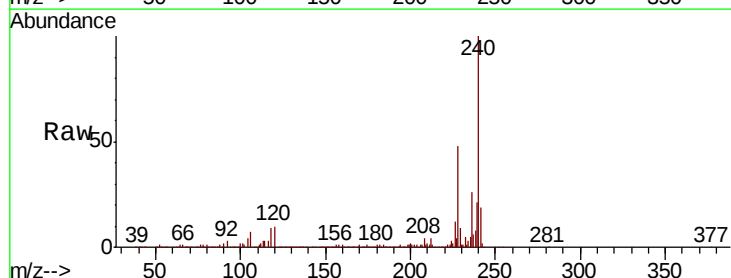


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

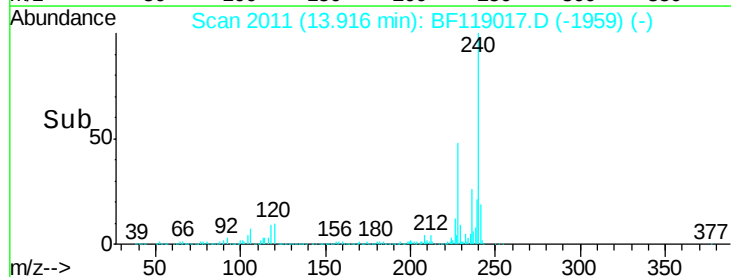
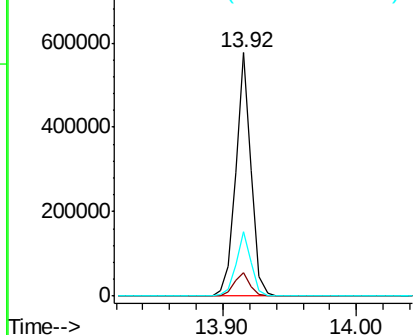


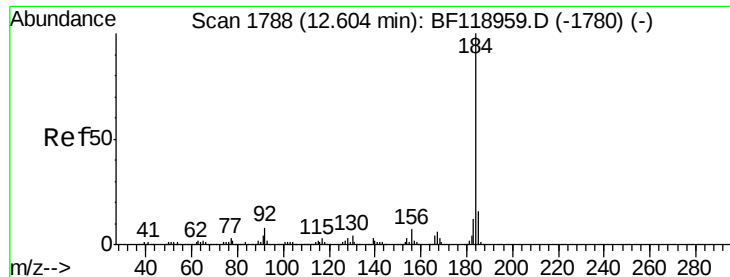
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. 0.01 min
 Lab File: BF119017.D
 Acq: 24 Feb 2020 11:57

Tgt Ion:240 Resp: 463376
 Ion Ratio Lower Upper
 240 100
 120 9.7 8.9 13.3
 236 26.2 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: 14.898 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BF119017.D

Acq: 24 Feb 2020 11:57

Instrument :

BNA_F

ClientSampleId :

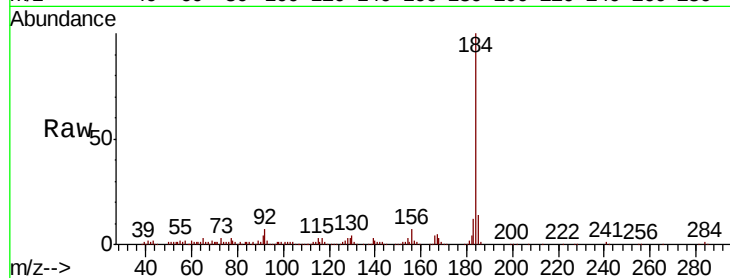
Tot Ion:184 Resp: 280746

Ion Ratio Lower Upper

184 100

185 14.5 12.6 19.0

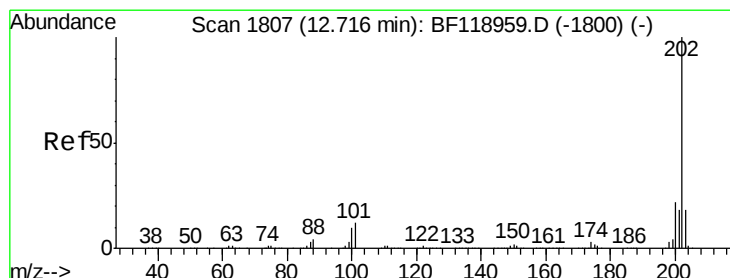
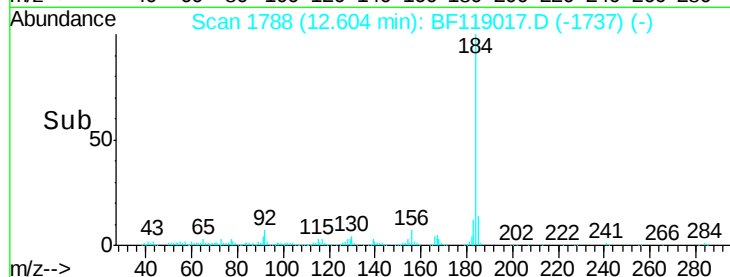
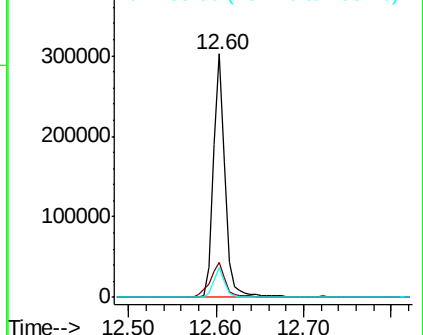
183 12.1 9.9 14.9



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: 48.097 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.00 min

Lab File: BF119017.D

Acq: 24 Feb 2020 11:57

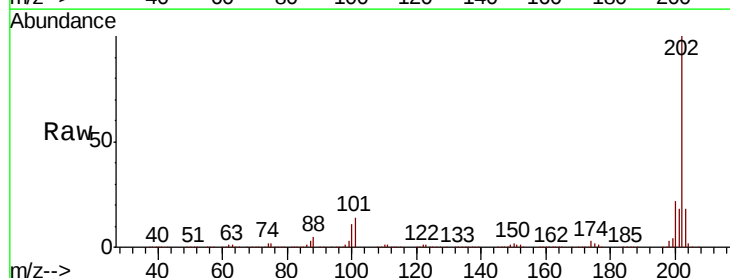
Tgt Ion:202 Resp: 1789633

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.0

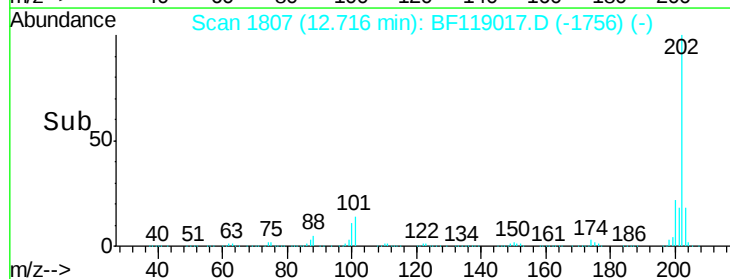
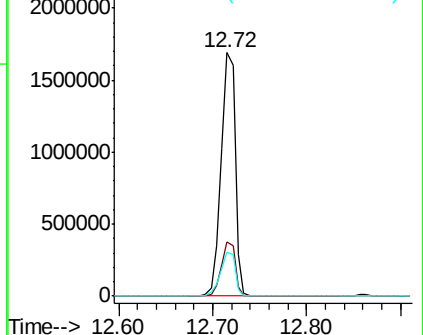
203 18.2 14.5 21.7

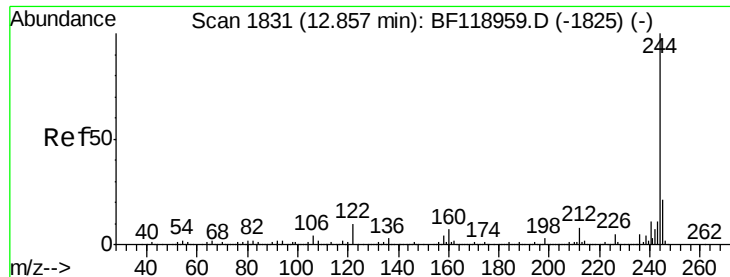


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 94.049 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF119017.D

Acq: 24 Feb 2020 11:57

Instrument :

BNA_F

ClientSampleId :

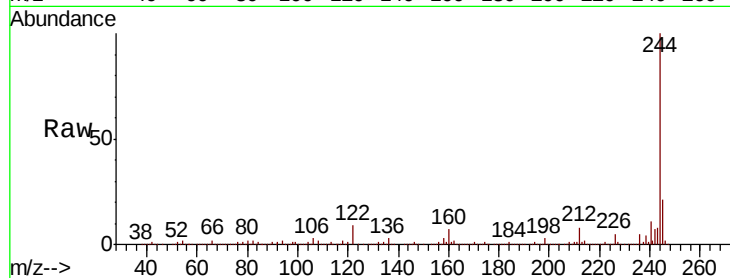
Tot Ion:244 Resp: 2531253

Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

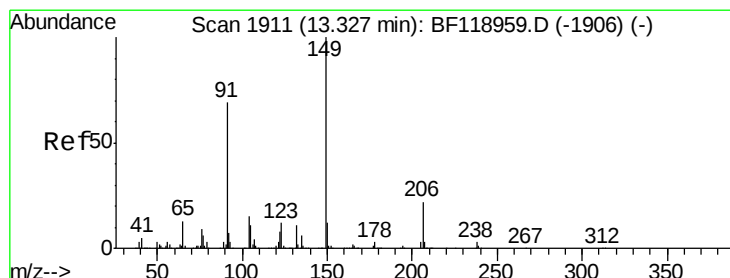
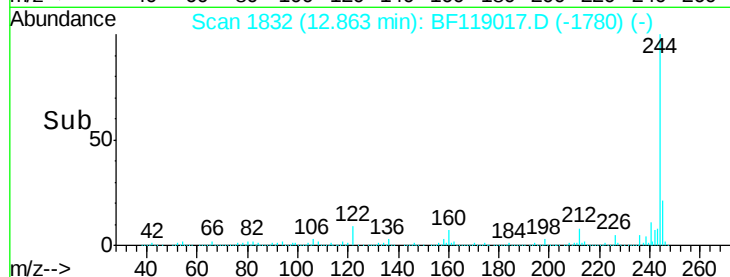
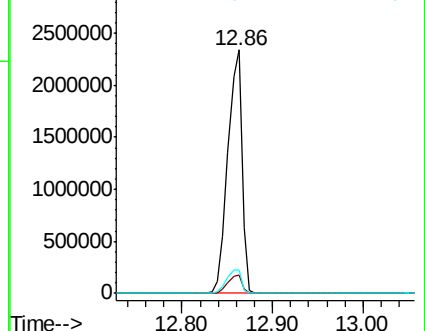
122 9.4 8.4 12.6



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: 48.330 ng

RT: 13.33 min Scan# 1912

Delta R.T. 0.01 min

Lab File: BF119017.D

Acq: 24 Feb 2020 11:57

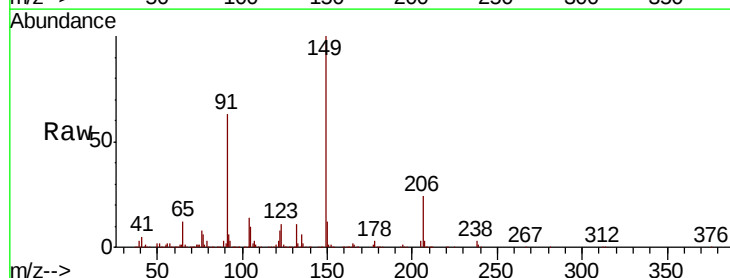
Tgt Ion:149 Resp: 756843

Ion Ratio Lower Upper

149 100

91 63.5 55.4 83.2

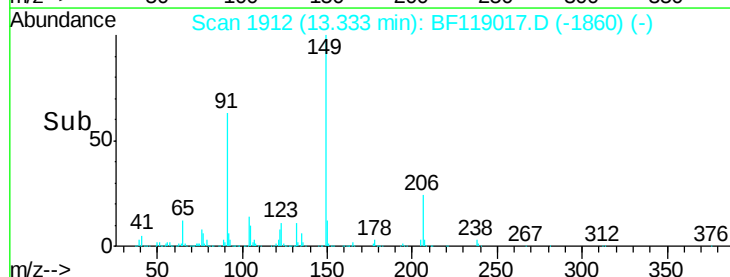
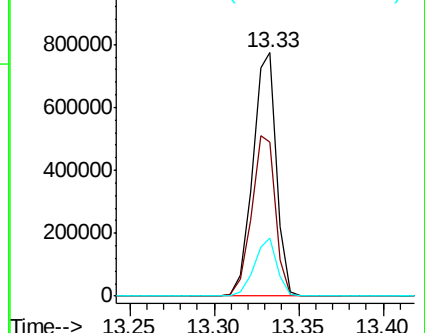
206 23.7 17.7 26.5

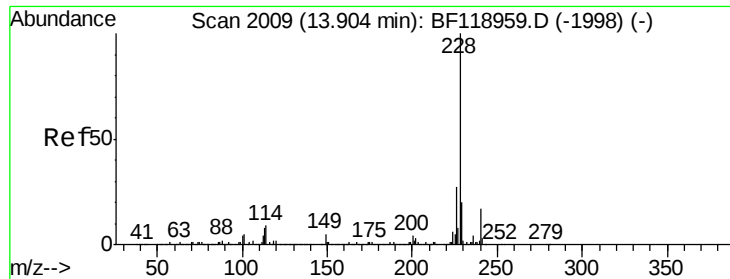


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

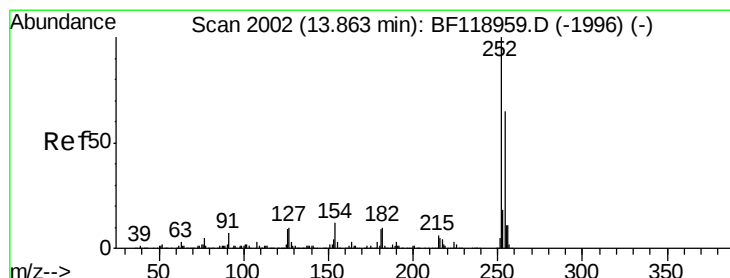
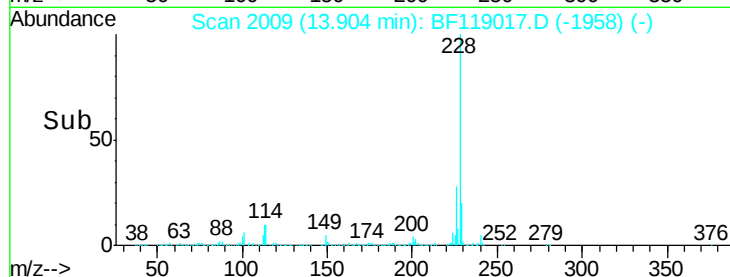
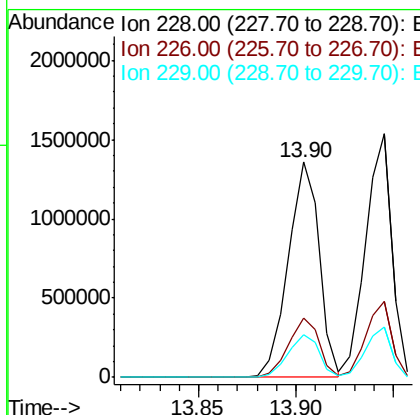
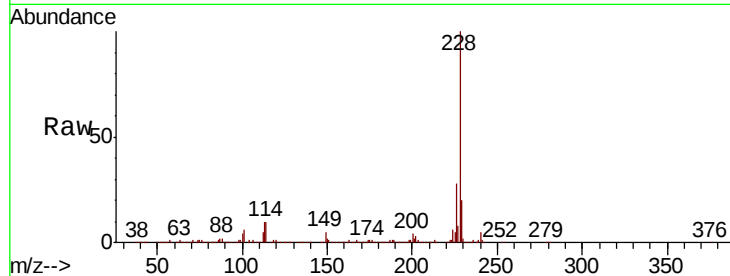




#81
Benzo(a)anthracene
Concen: 47.168 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

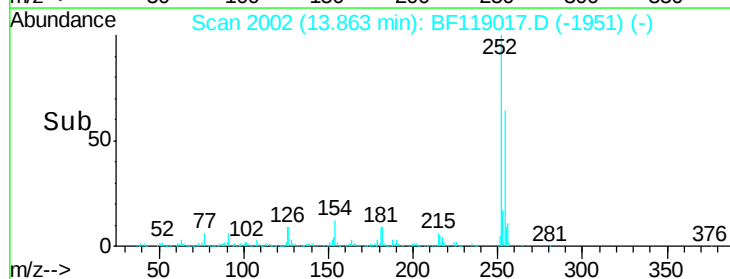
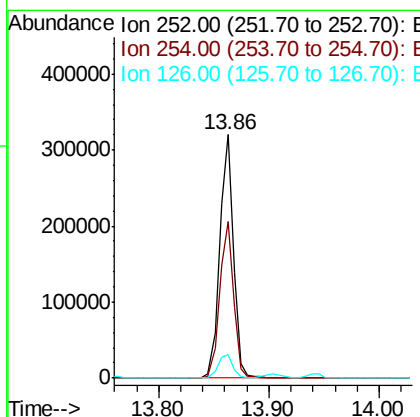
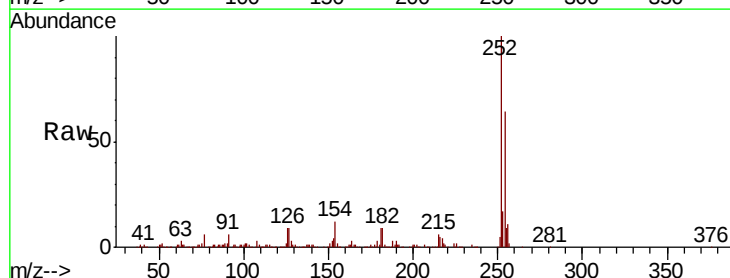
Instrument :
BNA_F
ClientSampleId :

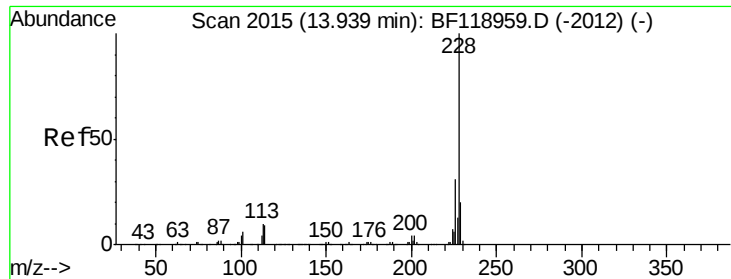
Tot Ion:228 Resp: 1489225
Ion Ratio Lower Upper
228 100
226 27.7 21.8 32.8
229 20.0 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 22.703 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Tgt Ion:252 Resp: 278332
Ion Ratio Lower Upper
252 100
254 64.4 52.1 78.1
126 9.4 7.3 10.9





#83

Chrvsene

Concen: 45.635 ng

RT: 13.94 min Scan# 2016

Delta R.T. 0.01 min

Lab File: BF119017.D

Acq: 24 Feb 2020 11:57

Instrument :

BNA_F

ClientSampleId :

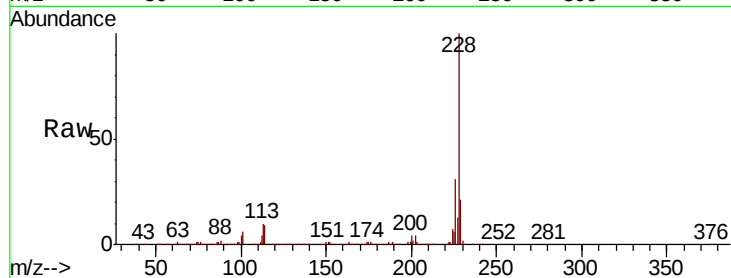
Tot Ion:228 Resp: 1435670

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.6	37.0
229	20.6	16.2	24.2

228 100

226 31.0 24.6 37.0

229 20.6 16.2 24.2

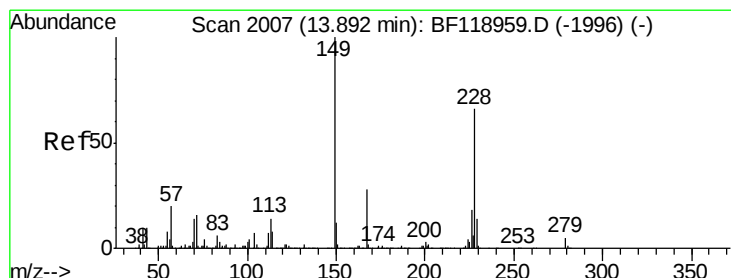
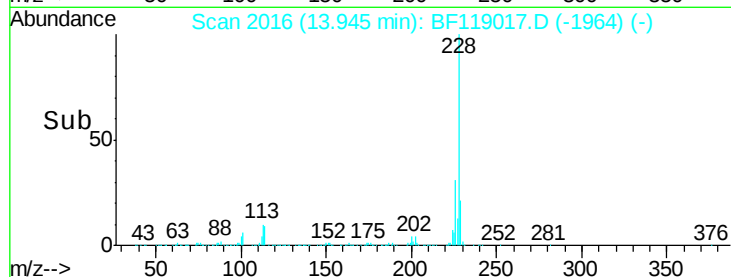
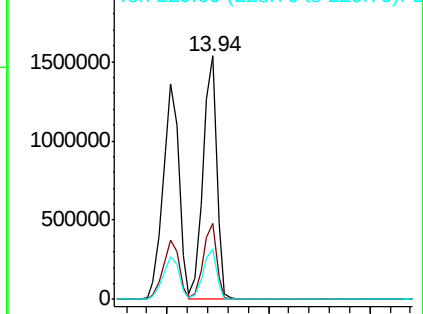


Abundance

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: 49.348 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BF119017.D

Acq: 24 Feb 2020 11:57

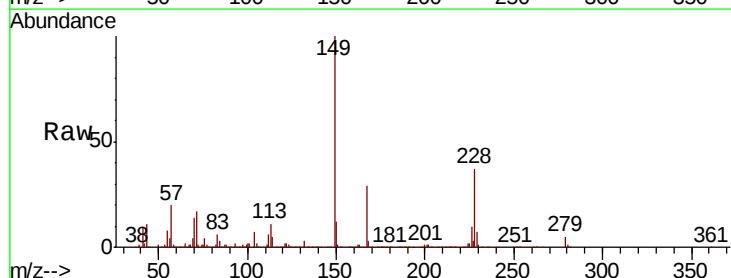
Tgt Ion:149 Resp: 976315

Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.3	33.5
279	5.4	4.2	6.4

149 100

167 28.6 22.3 33.5

279 5.4 4.2 6.4

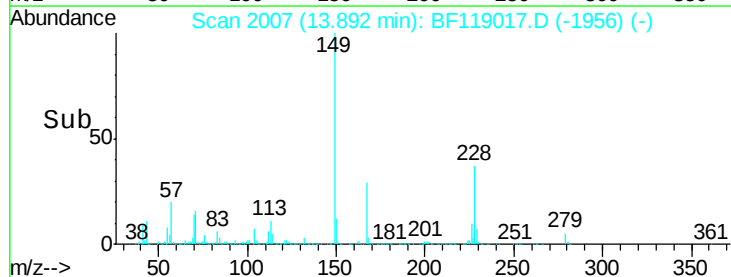
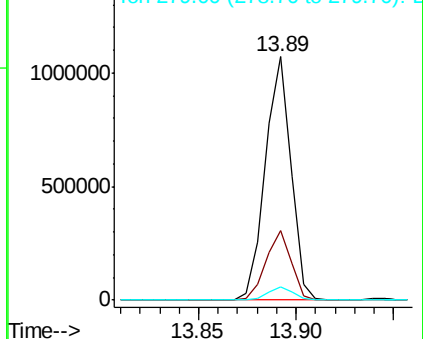


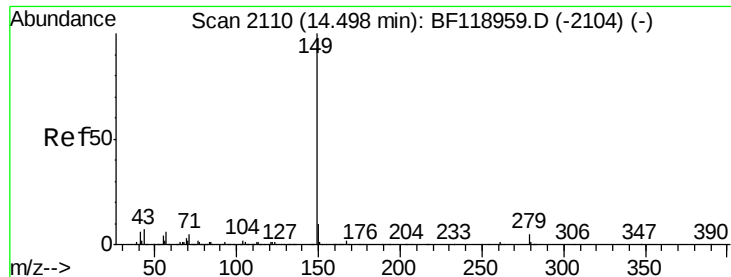
Abundance

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: 48.799 ng

RT: 14.50 min Scan# 2110

Delta R.T. -0.00 min

Lab File: BF119017.D

Acq: 24 Feb 2020 11:57

Instrument :

BNA_F

ClientSampleId :

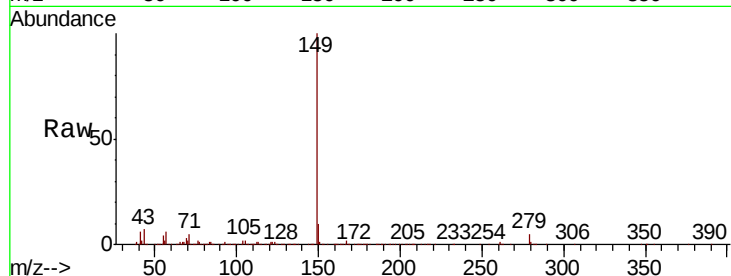
Tot Ion:149 Resp: 1538263

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

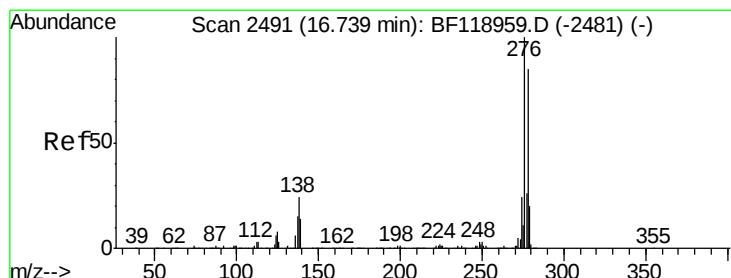
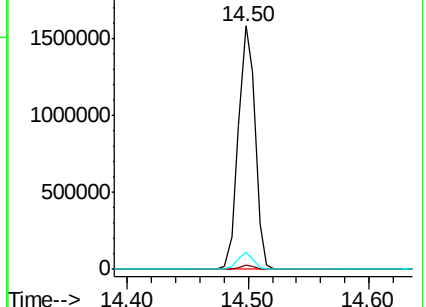
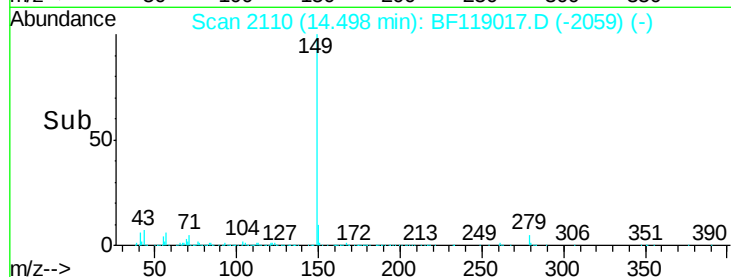
43 6.5 5.2 7.8



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: 43.414 ng

RT: 16.76 min Scan# 2495

Delta R.T. 0.02 min

Lab File: BF119017.D

Acq: 24 Feb 2020 11:57

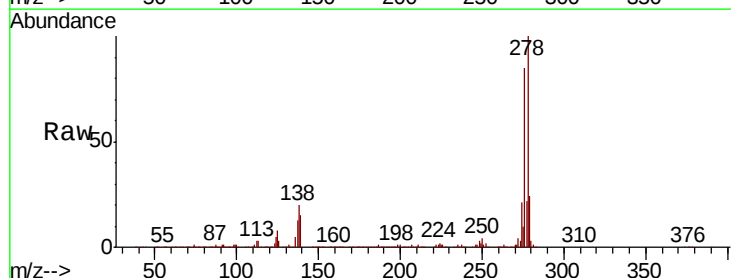
Tgt Ion:276 Resp: 1322453

Ion Ratio Lower Upper

276 100

138 22.3 18.7 28.1

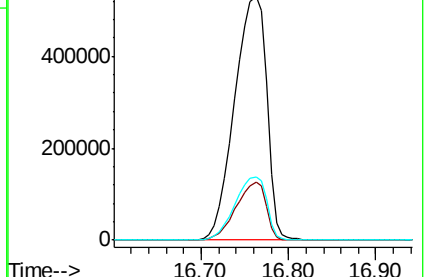
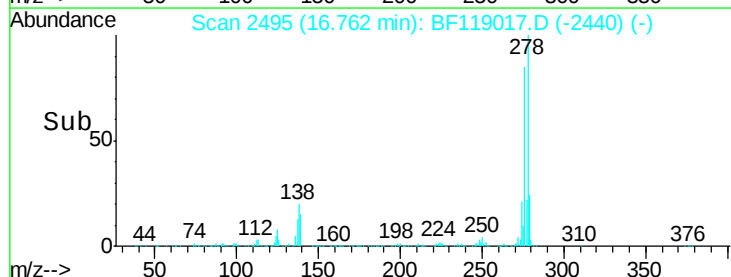
277 25.7 20.3 30.5

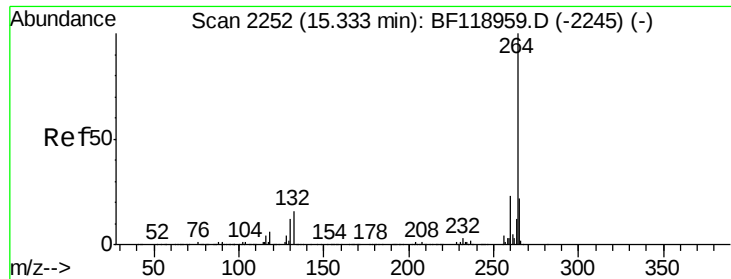


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

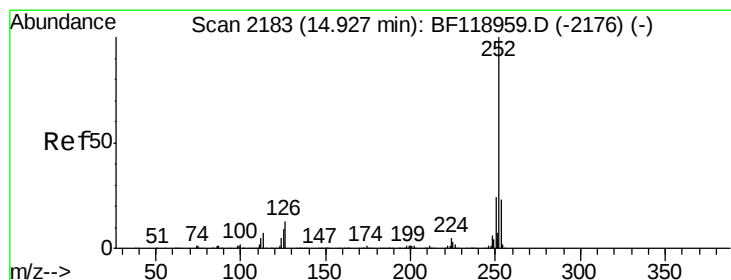
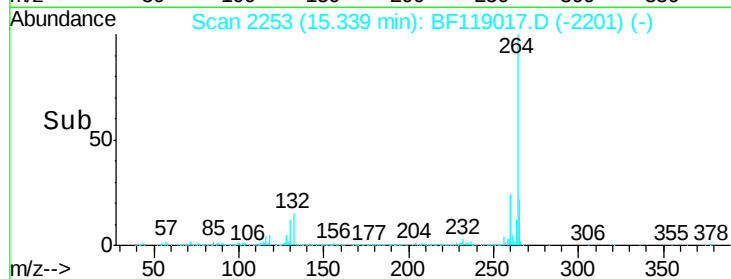
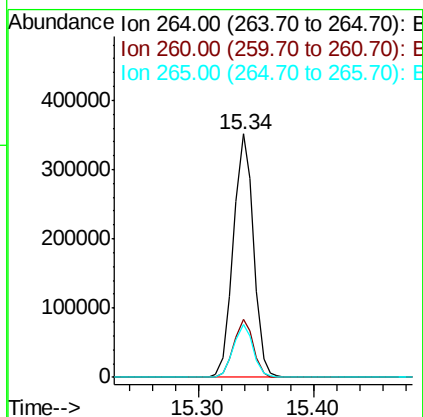
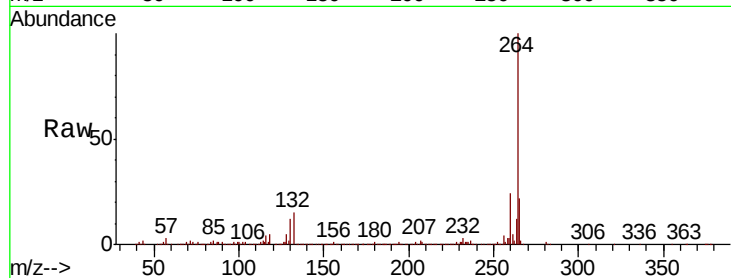




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.01 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

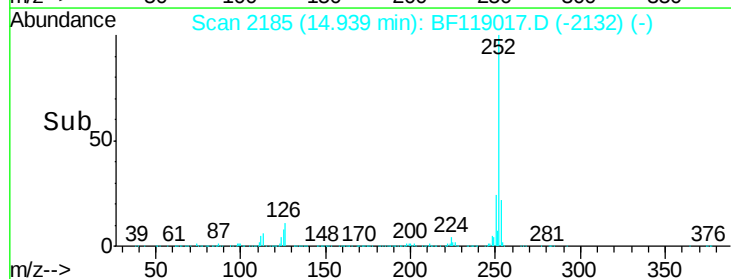
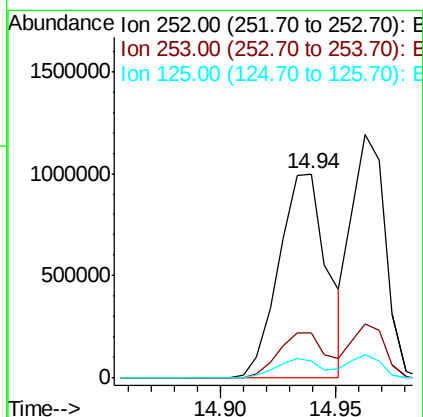
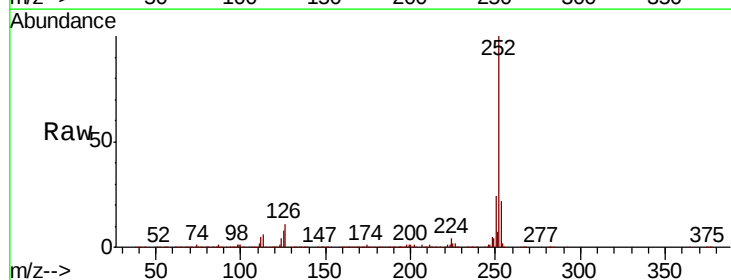
Instrument :
BNA_F
ClientSampleId :

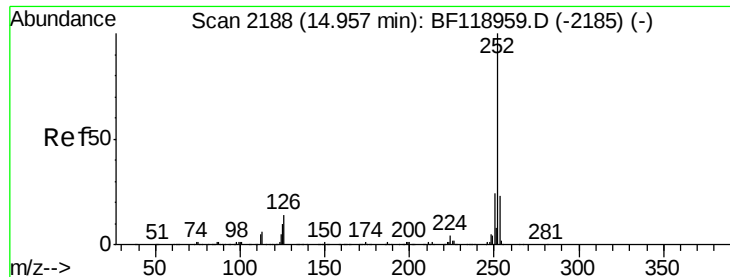
Tot Ion:264 Resp: 426429
Ion Ratio Lower Upper
264 100
260 23.6 18.6 28.0
265 21.9 17.3 25.9



#88
Benzo(b)fluoranthene
Concen: 51.783 ng
RT: 14.94 min Scan# 2185
Delta R.T. 0.01 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Tgt Ion:252 Resp: 1455520
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 8.4 7.4 11.0

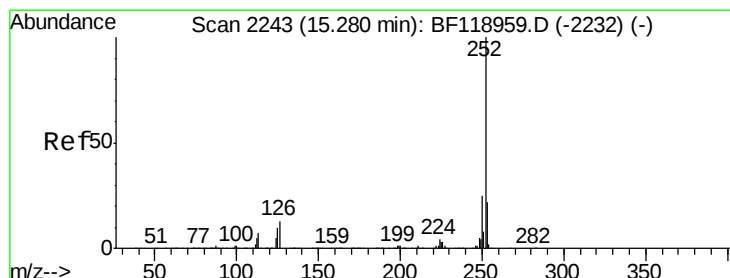
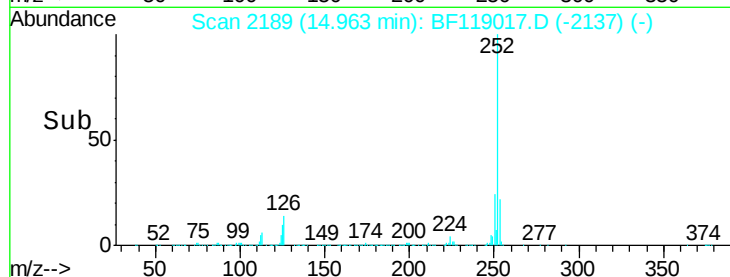
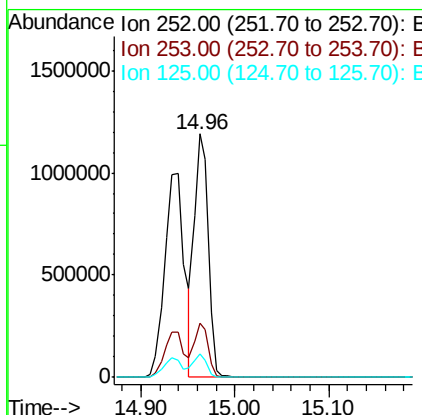
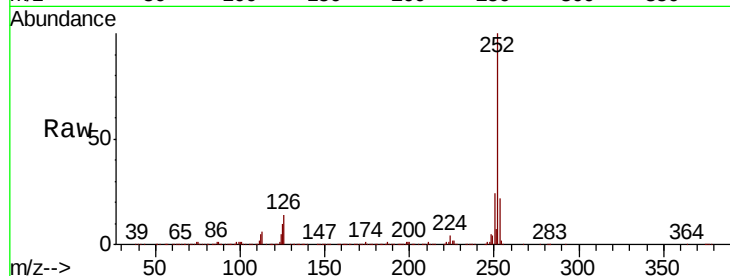




#89
Benzo(k)fluoranthene
Concen: 46.567 ng
RT: 14.96 min Scan# 2189
Delta R.T. 0.01 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

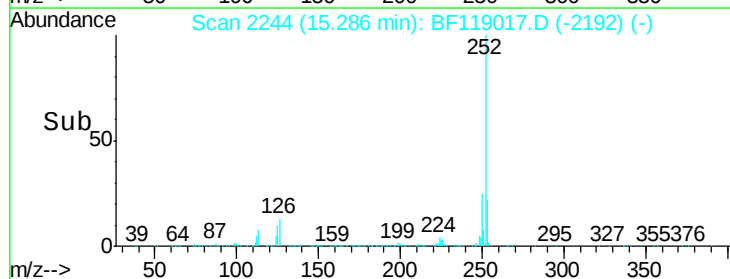
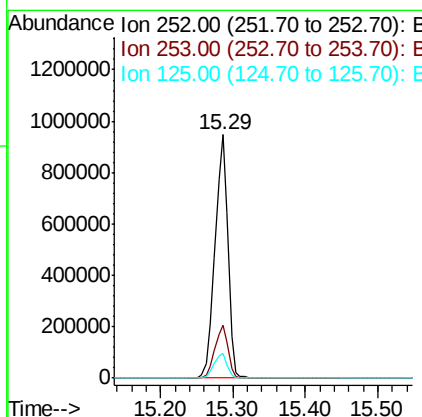
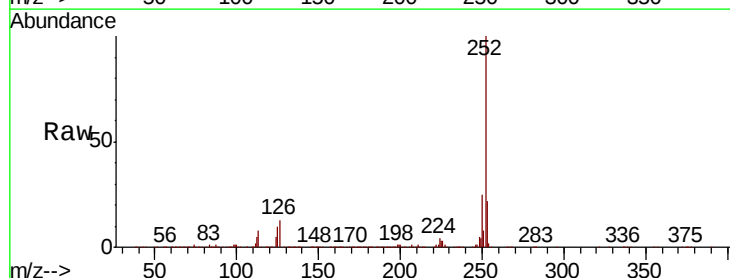
Instrument :
BNA_F
ClientSampleId :

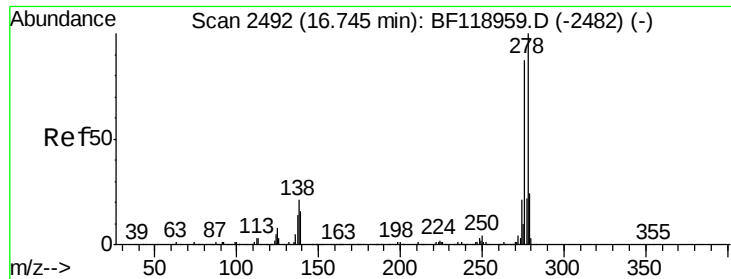
Tot Ion:252 Resp: 1212991
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 9.6 7.3 10.9



#90
Benzo(a)pyrene
Concen: 46.216 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BF119017.D
Acq: 24 Feb 2020 11:57

Tgt Ion:252 Resp: 1172421
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 10.0 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 49.647 ng

RT: 16.77 min Scan# 2496

Delta R.T. 0.02 min

Lab File: BF119017.D

Acq: 24 Feb 2020 11:57

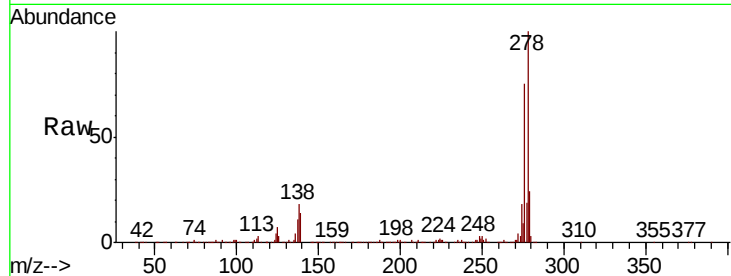
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 1108173

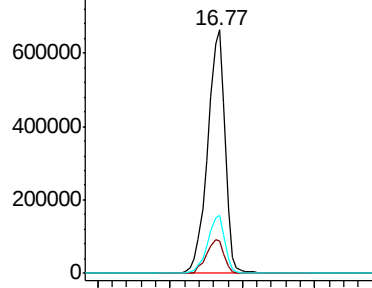
Ion	Ratio	Lower	Upper
278	100		
139	13.5	12.6	18.8
279	23.7	19.0	28.6



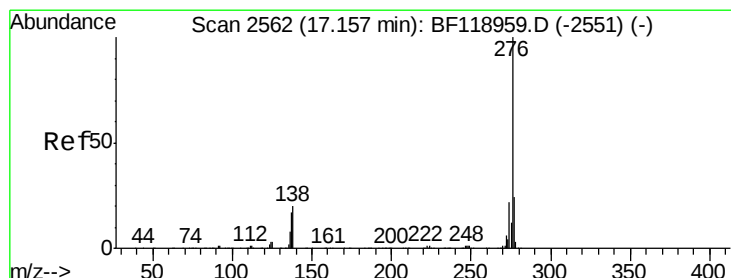
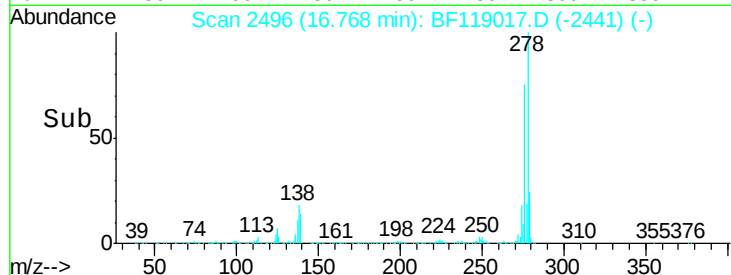
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time--> 16.60 16.70 16.80 16.90



#92

Benzo(g,h,i)perylene

Concen: 51.488 ng

RT: 17.19 min Scan# 2567

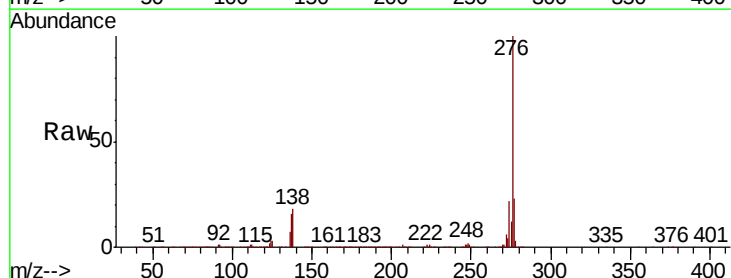
Delta R.T. 0.03 min

Lab File: BF119017.D

Acq: 24 Feb 2020 11:57

Tgt Ion:276 Resp: 1135531

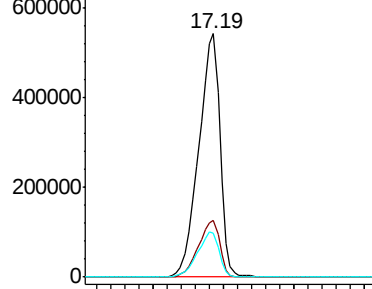
Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.2	28.8
138	18.1	16.2	24.4



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



Time--> 17.10 17.20 17.30

