

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
 Data File : BF118963.D
 Acq On : 20 Feb 2020 16:34
 Operator : CG/JU
 Sample : SSTDICC100
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 20 17:07:50 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 15:19:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	187667	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	614104	20.00	ng	0.00
39) Acenaphthene-d10	9.80	164	329939	20.00	ng	0.00
64) Phenanthrene-d10	11.28	188	598109	20.00	ng	0.00
76) Chrysene-d12	13.92	240	382657	20.00	ng	0.00
87) Perylene-d12	15.34	264	383740	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	1867986	189.57	ng	0.00
7) Phenol-d6	6.42	99	2238419	179.70	ng	0.02
23) Nitrobenzene-d5	7.34	82	2163365	195.93	ng	0.01
42) 2,4,6-Tribromophenol	10.59	330	804763	196.89	ng	0.01
45) 2-Fluorobiphenyl	9.13	172	3610888	176.78	ng	0.00
79) Terphenyl-d14	12.87	244	3988405	205.12	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	454913	103.021	ng	100
3) Pyridine	3.19	79	1282502	105.185	ng	98
4) n-Nitrosodimethylamine	3.17	42	400247	106.592	ng	95
6) Aniline	6.45	93	1397464	85.785	ng	100
8) 2-Chlorophenol	6.56	128	1012820	85.048	ng	98
9) Benzaldehyde	6.32	77	710646	95.531	ng	99
10) Phenol	6.43	94	1217295	85.477	ng	94
11) bis(2-Chloroethyl)ether	6.51	93	980400	87.666	ng	98
12) 1,3-Dichlorobenzene	6.71	146	1222884	85.601	ng	98
13) 1,4-Dichlorobenzene	6.79	146	1223233	85.406	ng	97
14) 1,2-Dichlorobenzene	6.94	146	1054480	80.170	ng	98
15) Benzyl Alcohol	6.92	79	811725	83.545	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.05	45	861965	85.478	ng	88
17) 2-Methylphenol	7.03	107	851252	87.262	ng	96
18) Hexachloroethane	7.27	117	450907	87.632	ng	96
19) n-Nitroso-di-n-propylamine	7.20	70	702320	88.369	ng	98
20) 3+4-Methylphenols	7.19	107	895002	78.618	ng	# 82
22) Acetophenone	7.19	105	1303792	97.554	ng	# 96
24) Nitrobenzene	7.36	77	1076591	96.291	ng	99
25) Isophorone	7.60	82	1982371	100.269	ng	99
26) 2-Nitrophenol	7.67	139	592403	99.213	ng	96
27) 2,4-Dimethylphenol	7.71	122	793791	99.335	ng	98
28) bis(2-Chloroethoxy)methane	7.80	93	1227986	94.948	ng	99
29) 2,4-Dichlorophenol	7.92	162	902645	94.715	ng	99
30) 1,2,4-Trichlorobenzene	7.99	180	1052241	94.111	ng	98
31) Naphthalene	8.07	128	2813761	90.414	ng	98
32) Benzoic acid	7.89	122	661475	114.588	ng	97
33) 4-Chloroaniline	8.12	127	1242648	93.266	ng	98
34) Hexachlorobutadiene	8.19	225	661778	95.669	ng	97
35) Caprolactam	8.53	113	231947	80.442	ng	99
36) 4-Chloro-3-methylphenol	8.62	107	934757	98.157	ng	99
37) 2-Methylnaphthalene	8.76	142	1889639	91.023	ng	97
38) 1-Methylnaphthalene	8.86	142	1775361	91.195	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	996909	94.182	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.92	237	420047	132.252	ng	96
43) 2,4,6-Trichlorophenol	9.05	196	667908	95.616	ng	98
44) 2,4,5-Trichlorophenol	9.09	196	690211	95.299	ng	97
46) 1,1'-Biphenyl	9.23	154	2316603	91.330	ng	97
47) 2-Chloronaphthalene	9.25	162	1915037	90.972	ng	95
48) 2-Nitroaniline	9.35	65	574605	97.553	ng	99
49) Acenaphthylene	9.67	152	2678102	89.100	ng	98
50) Dimethylphthalate	9.54	163	2355487	94.559	ng	99
51) 2,6-Dinitrotoluene	9.60	165	528037	94.906	ng	93
52) Acenaphthene	9.84	154	1639968	89.632	ng	99
53) 3-Nitroaniline	9.77	138	581587	94.979	ng	99
54) 2,4-Dinitrophenol	9.87	184	279057	112.763	ng	96
55) Dibenzofuran	10.01	168	2313080	84.692	ng	95
56) 4-Nitrophenol	9.93	139	379110	100.504	ng	97
57) 2,4-Dinitrotoluene	10.00	165	631648	87.762	ng	# 84
58) Fluorene	10.35	166	1805968	85.321	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.13	232	587541	94.389	ng	99
60) Diethylphthalate	10.23	149	2130599	90.730	ng	98
61) 4-Chlorophenyl-phenylether	10.34	204	959759	85.212	ng	94
62) 4-Nitroaniline	10.39	138	602162	95.523	ng	99
63) Azobenzene	10.50	77	1824427	88.343	ng	95
65) 4,6-Dinitro-2-methylphenol	10.42	198	378473	102.676	ng	97
66) n-Nitrosodiphenylamine	10.46	169	1762637	93.056	ng	99
67) 4-Bromophenyl-phenylether	10.83	248	713052	92.864	ng	96
68) Hexachlorobenzene	10.90	284	827739	94.162	ng	95
69) Atrazine	10.99	200	618937	97.624	ng	99
70) Pentachlorophenol	11.09	266	399232	106.084	ng	99
71) Phenanthrene	11.31	178	2788917	88.799	ng	97
72) Anthracene	11.36	178	2765570	88.009	ng	98
73) Carbazole	11.52	167	2505894	88.971	ng	97
74) Di-n-butylphthalate	11.85	149	2966198	83.002	ng	98
75) Fluoranthene	12.49	202	2936997	83.948	ng	98
77) Benzidine	12.61	184	1289595	105.265	ng	# 93
78) Pyrene	12.72	202	2932583	106.196	ng	97
80) Butylbenzylphthalate	13.33	149	1310354	108.286	ng	100
81) Benzo(a)anthracene	13.91	228	2348316	100.145	ng	97
82) 3,3'-Dichlorobenzidine	13.87	252	904016	99.076	ng	99
83) Chrysene	13.94	228	2378541	101.179	ng	98
84) Bis(2-ethylhexyl)phthalate	13.90	149	1551188	101.161	ng	# 98
85) Di-n-octyl phthalate	14.50	149	2452945	99.224	ng	99
86) Indeno(1,2,3-cd)pyrene	16.75	276	2622096	113.333	ng	98
88) Benzo(b)fluoranthene	14.94	252	2493279	96.382	ng	100
89) Benzo(k)fluoranthene	14.97	252	2094228	91.098	ng	99
90) Benzo(a)pyrene	15.29	252	2147719	96.364	ng	99
91) Dibenzo(a,h)anthracene	16.77	278	2073812	102.665	ng	98
92) Benzo(g,h,i)perylene	17.18	276	2165150	108.636	ng	99

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

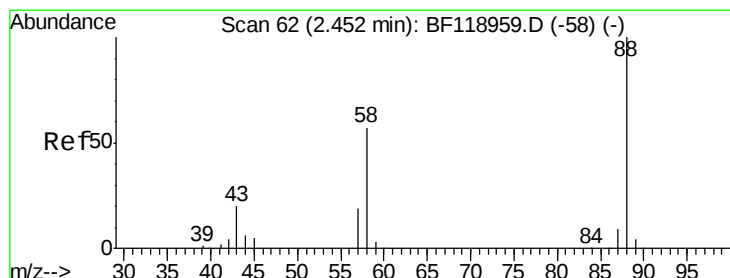
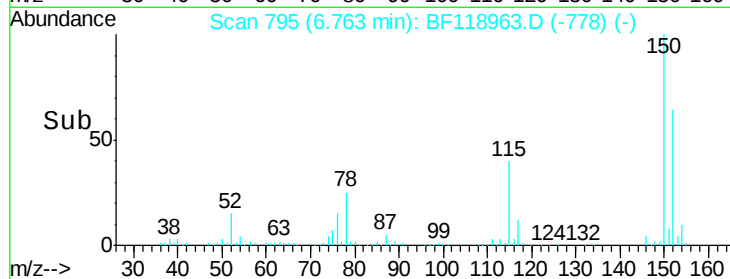
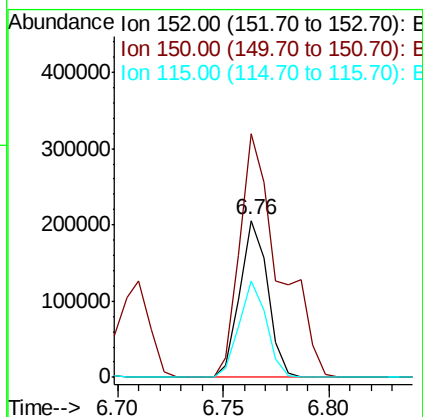
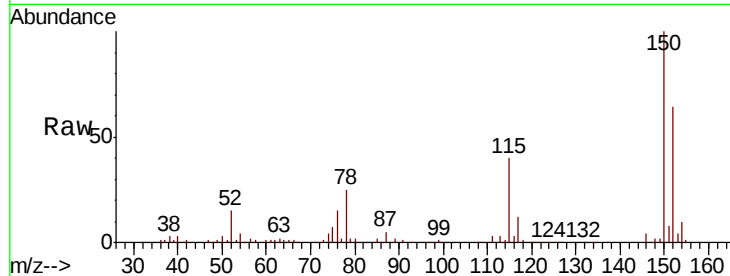


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF118963.D
Acq: 20 Feb 2020 16:34

Instrument :
BNA_F
ClientSampleId :

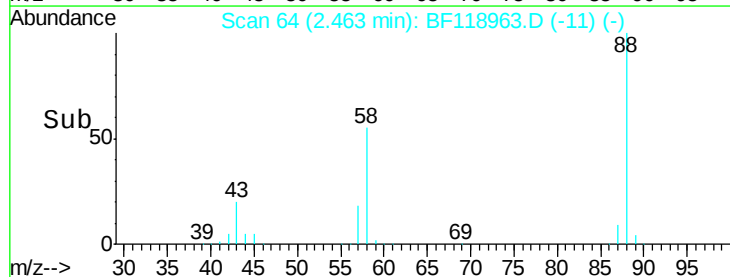
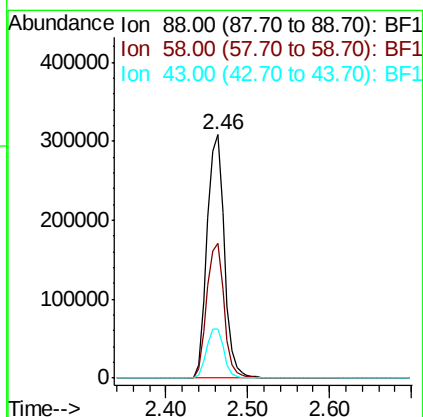
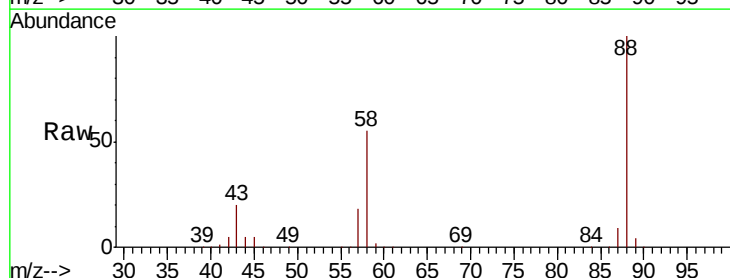
Tot Ion:152 Resp: 187667
Ion Ratio Lower Upper
152 100
150 155.2 124.3 186.5
115 61.4 44.6 67.0

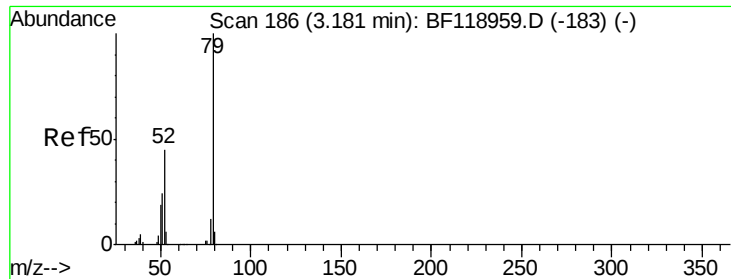


#2

1,4-Dioxane
Concen: 103.021 ng
RT: 2.46 min Scan# 64
Delta R.T. 0.01 min
Lab File: BF118963.D
Acq: 20 Feb 2020 16:34

Tgt Ion: 88 Resp: 454913
Ion Ratio Lower Upper
88 100
58 55.6 44.6 66.8
43 20.4 16.0 24.0

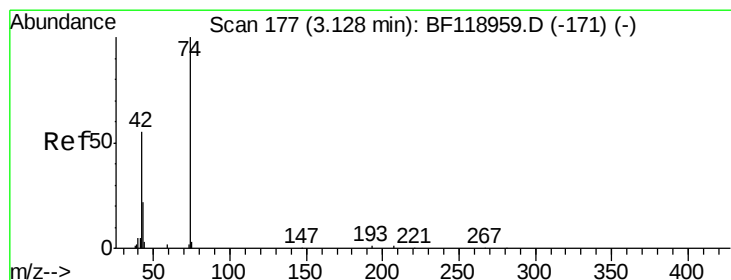
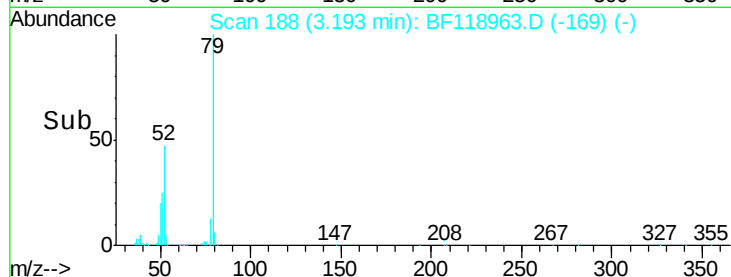
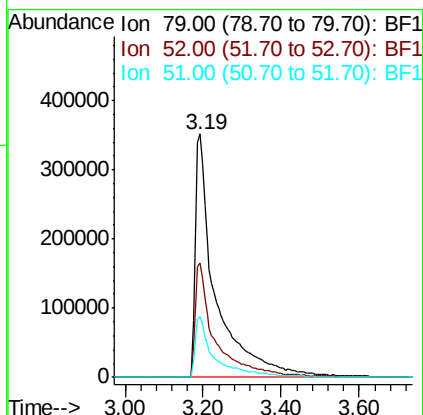
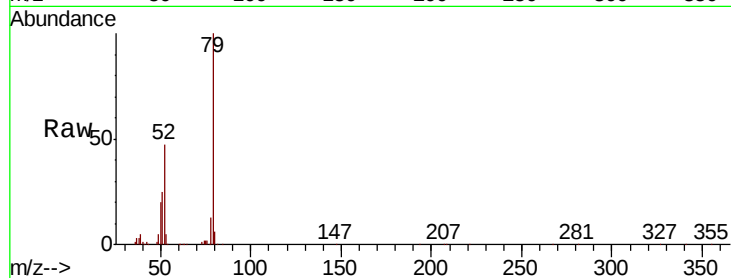




#3
 Pvridine
 Concen: 105.185 ng
 RT: 3.19 min Scan# 188
 Delta R.T. 0.01 min
 Lab File: BF118963.D
 Acq: 20 Feb 2020 16:34

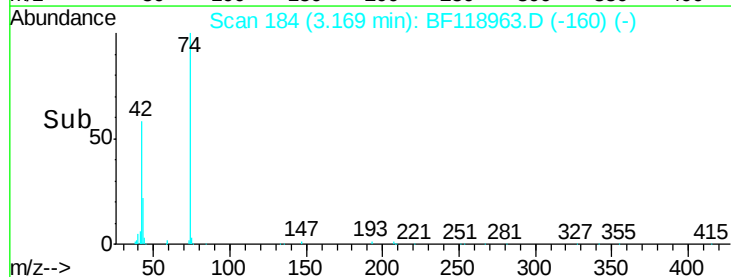
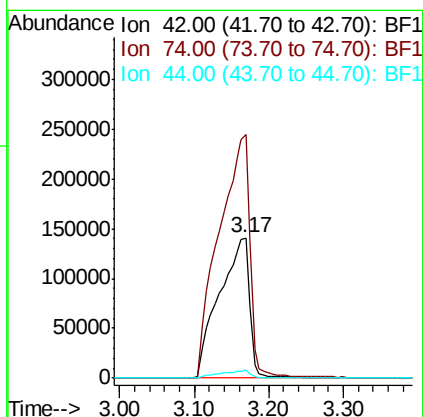
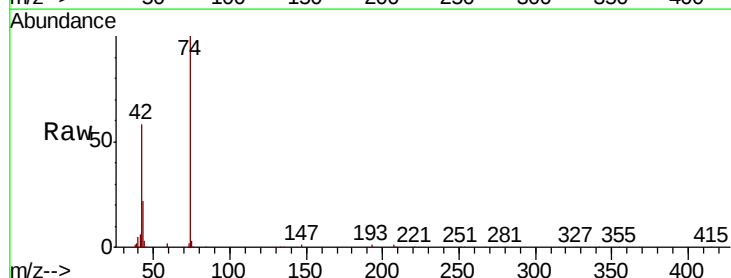
Instrument :
 BNA_F
 ClientSampleId :

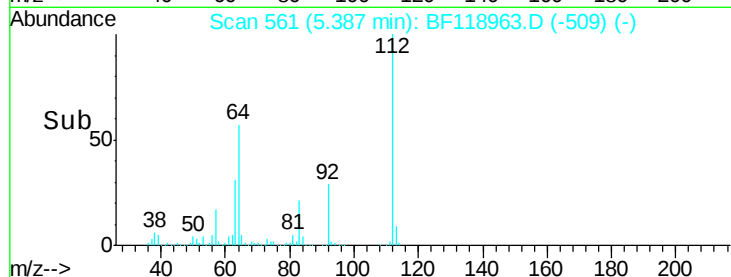
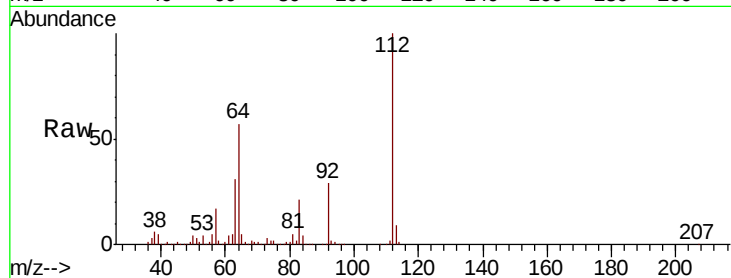
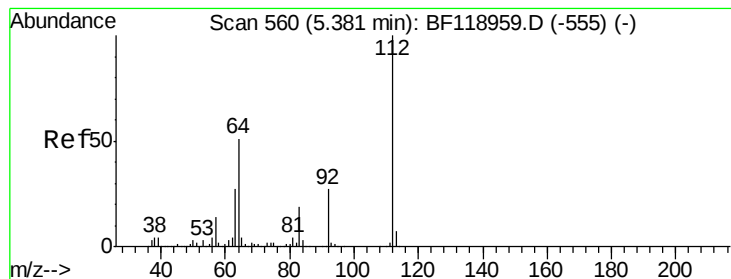
Tot Ion: 79 Resp: 1282502
 Ion Ratio Lower Upper
 79 100
 52 47.0 36.3 54.5
 51 24.7 19.5 29.3



#4
 n-Nitrosodimethylamine
 Concen: 106.592 ng
 RT: 3.17 min Scan# 184
 Delta R.T. 0.04 min
 Lab File: BF118963.D
 Acq: 20 Feb 2020 16:34

Tgt Ion: 42 Resp: 400247
 Ion Ratio Lower Upper
 42 100
 74 173.6 144.4 216.6
 44 5.5 4.5 6.7





#5

2-Fluorophenol

Concen: 189.568 ng

RT: 5.39 min Scan# 561

Delta R.T. 0.01 min

Lab File: BF118963.D

Acq: 20 Feb 2020 16:34

Instrument :

BNA_F

ClientSampleId :

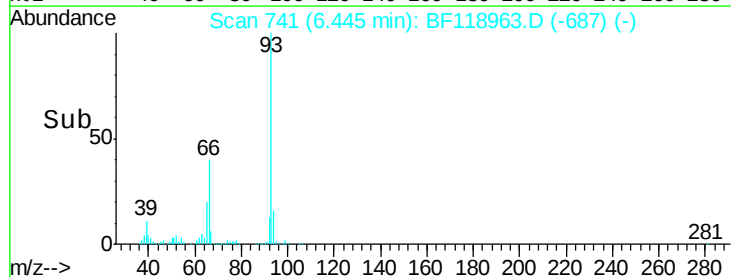
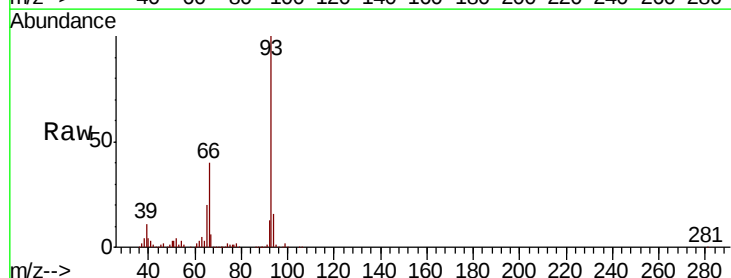
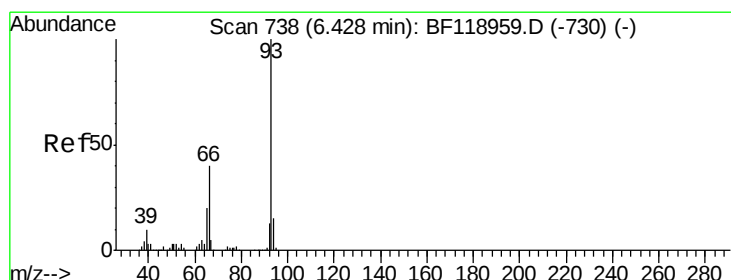
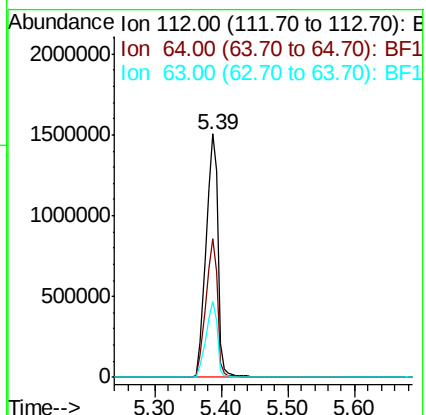
Tot Ion:112 Resp: 1867986

Ion Ratio Lower Upper

112 100

64 57.1 40.4 60.6

63 31.2 21.3 31.9



#6

Aniline

Concen: 85.785 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.02 min

Lab File: BF118963.D

Acq: 20 Feb 2020 16:34

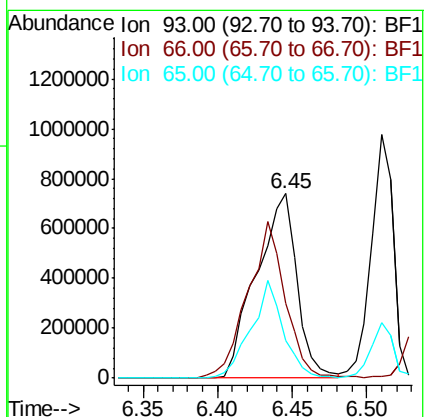
Tgt Ion: 93 Resp: 1397464

Ion Ratio Lower Upper

93 100

66 40.3 32.2 48.2

65 20.3 16.1 24.1





#7

Phenol-d6

Concen: 179.696 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.02 min

Lab File: BF118963.D

Acq: 20 Feb 2020 16:34

Instrument :

BNA_F

ClientSampleId :

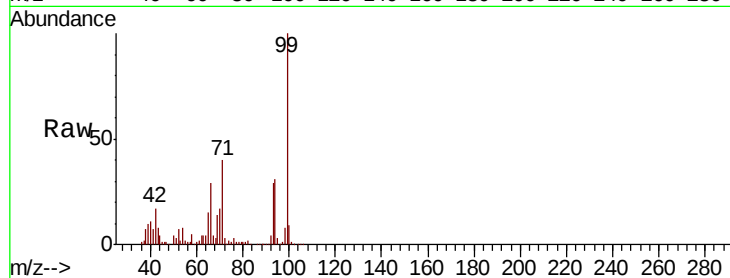
Tot Ion: 99 Resp: 2238419

Ion Ratio Lower Upper

99 100

42 17.0 11.4 17.0

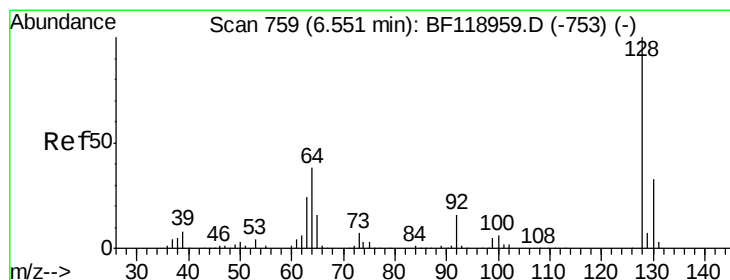
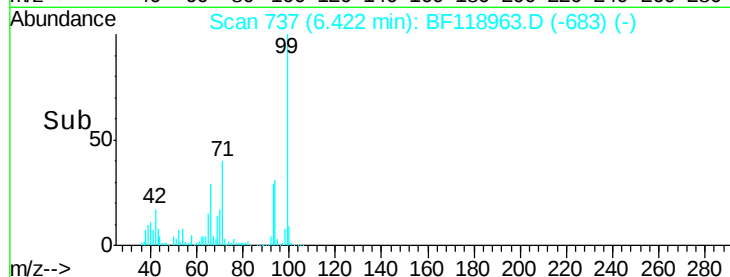
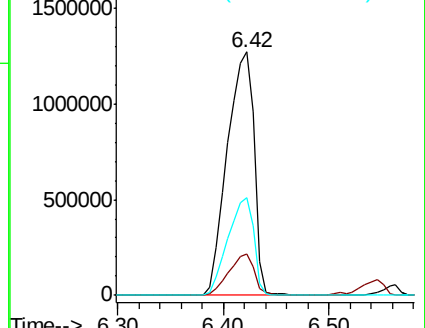
71 40.2 29.8 44.6



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 85.048 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF118963.D

Acq: 20 Feb 2020 16:34

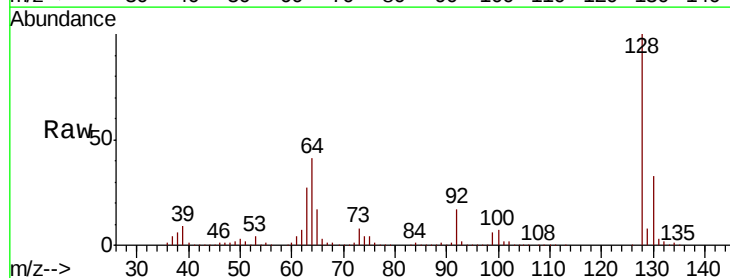
Tgt Ion:128 Resp: 1012820

Ion Ratio Lower Upper

128 100

130 32.6 12.7 52.7

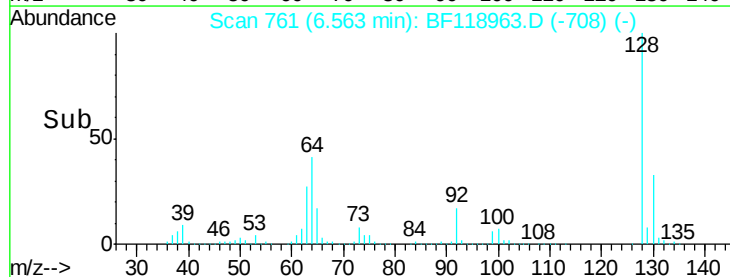
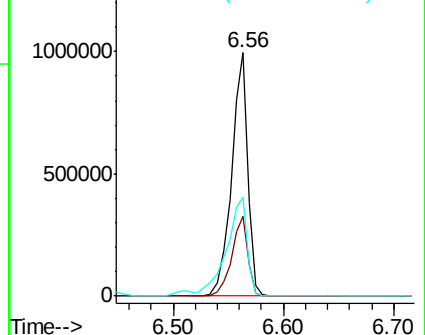
64 40.8 18.7 58.7



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: 95.531 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF118963.D

Acq: 20 Feb 2020 16:34

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ClientSampleId :

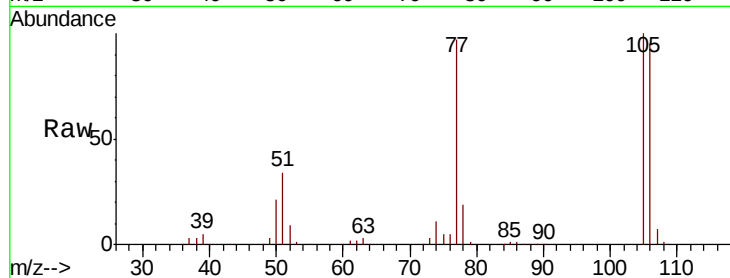
Tot Ion: 77 Resp: 710646

Ion Ratio Lower Upper

77 100

105 102.8 83.0 123.0

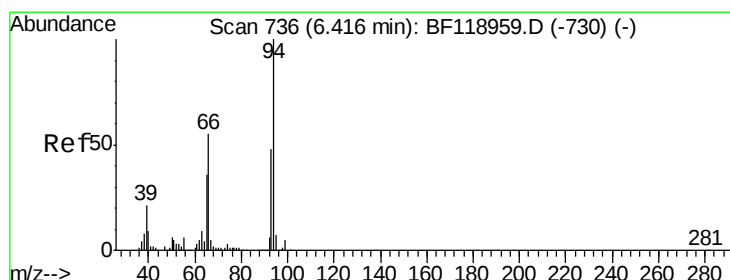
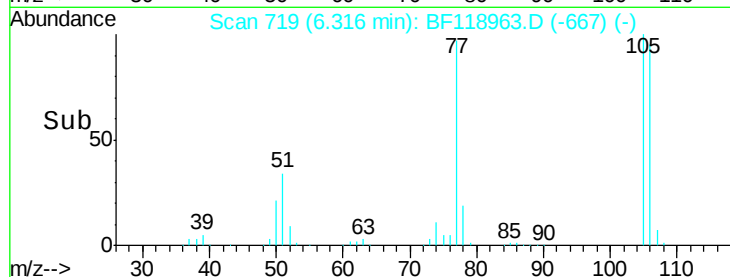
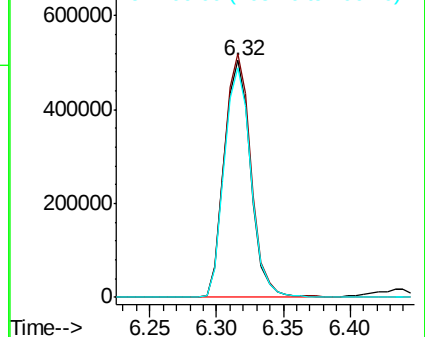
106 97.2 78.3 118.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 85.477 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.02 min

Lab File: BF118963.D

Acq: 20 Feb 2020 16:34

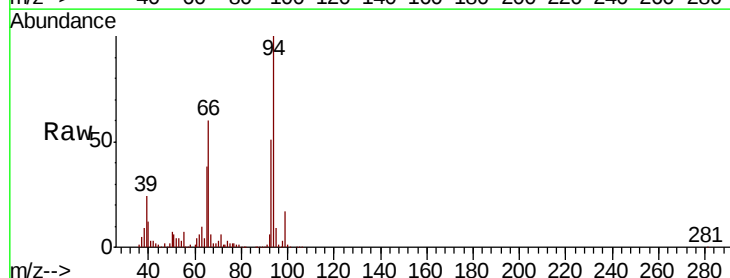
Tgt Ion: 94 Resp: 1217295

Ion Ratio Lower Upper

94 100

65 37.7 15.5 55.5

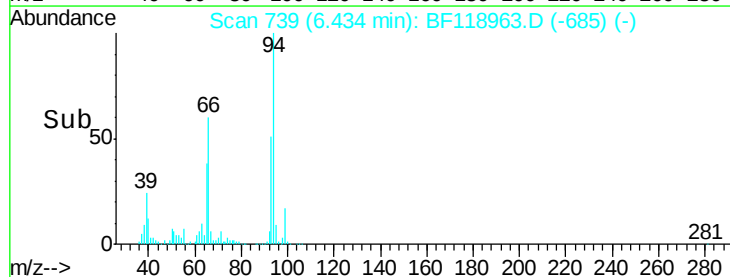
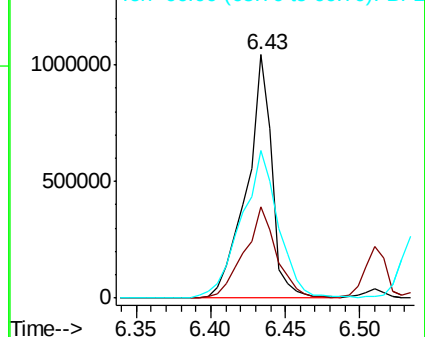
66 60.4 35.6 75.6

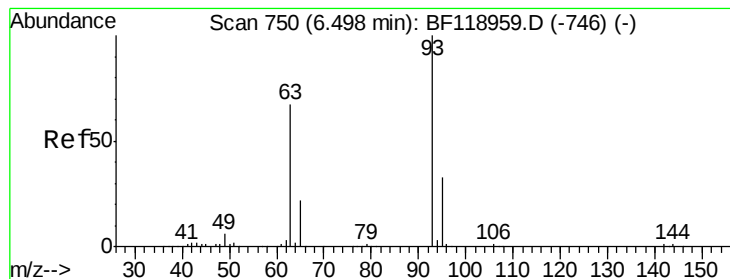


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 87.666 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF118963.D

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ClientSampleId :

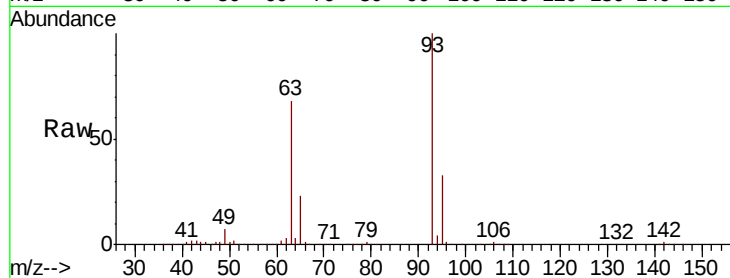
Tot Ion: 93 Resp: 980400

Ion Ratio Lower Upper

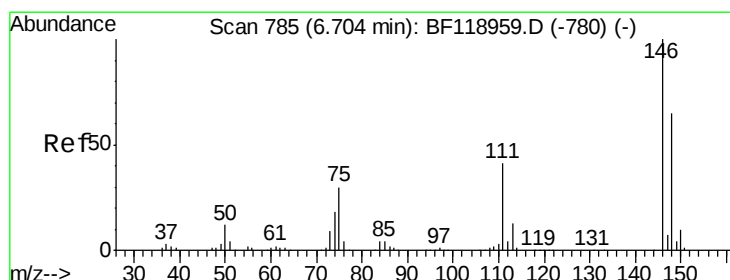
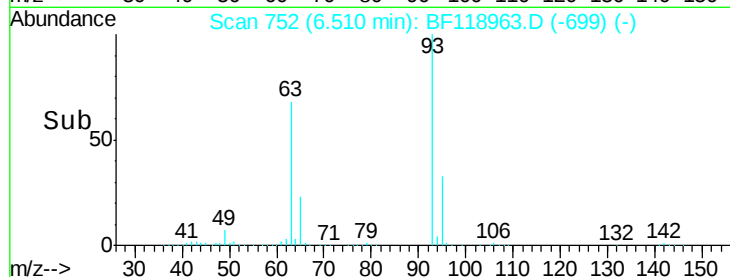
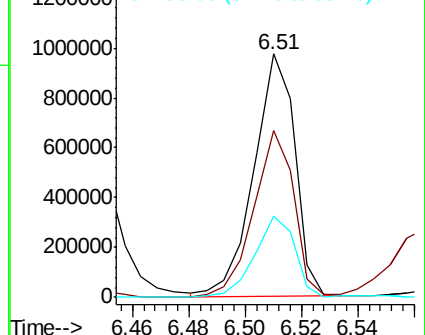
93 100

63 68.5 46.8 86.8

95 33.2 12.7 52.7



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



#12

1,3-Dichlorobenzene

Concen: 85.601 ng

RT: 6.71 min Scan# 786

Delta R.T. 0.01 min

Lab File: BF118963.D

Acq: 20 Feb 2020 16:34

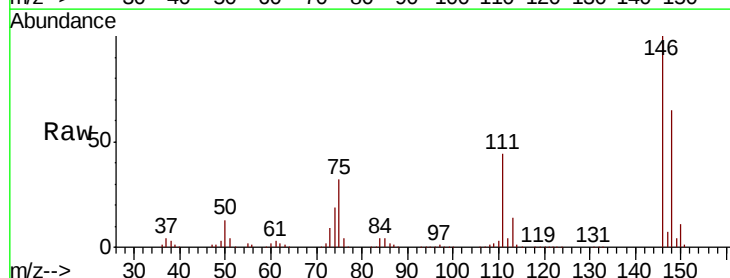
Tgt Ion: 146 Resp: 1222884

Ion Ratio Lower Upper

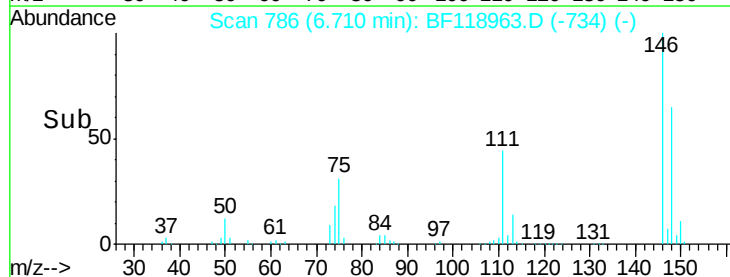
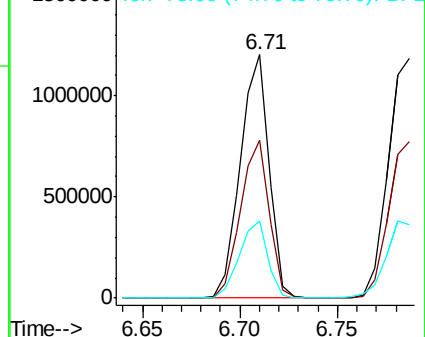
146 100

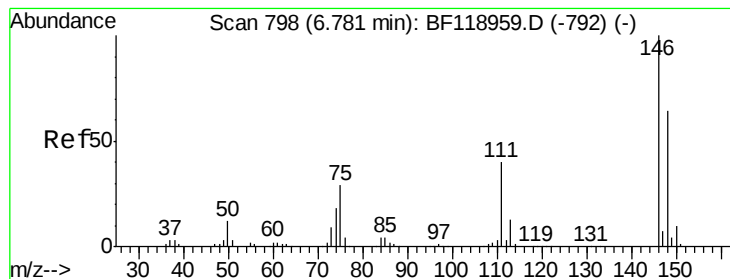
148 65.0 51.7 77.5

75 31.6 23.6 35.4



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





#13

1,4-Dichlorobenzene

Concen: 85.406 ng

RT: 6.79 min Scan# 799

Delta R.T. 0.01 min

Lab File: BF118963.D

Acq: 20 Feb 2020 16:34

Instrument :

BNA_F

ClientSampleId :

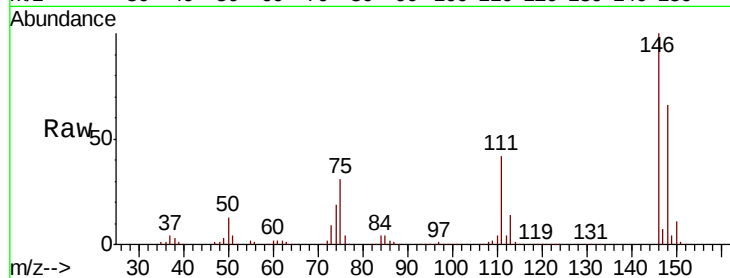
Tot Ion:146 Resp: 1223233

Ion Ratio Lower Upper

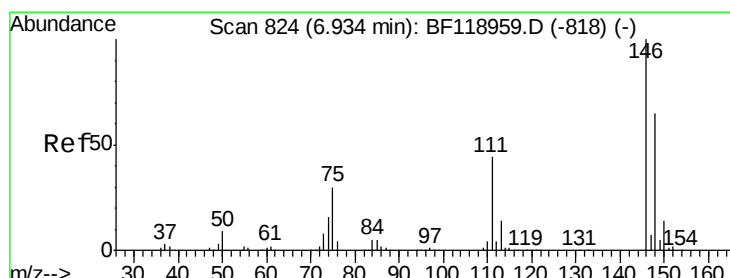
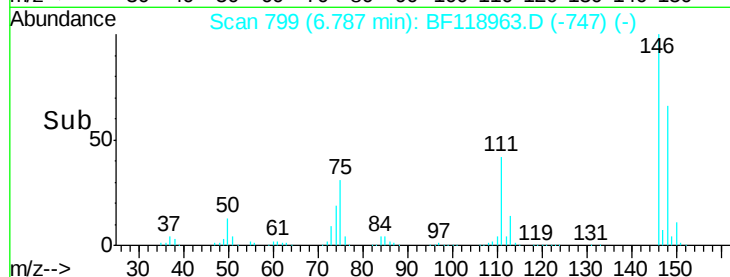
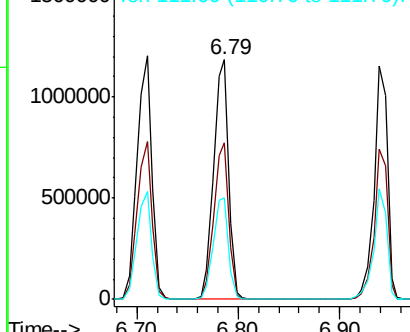
146 100

148 65.6 51.4 77.2

111 42.3 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: 80.170 ng

RT: 6.94 min Scan# 825

Delta R.T. 0.01 min

Lab File: BF118963.D

Acq: 20 Feb 2020 16:34

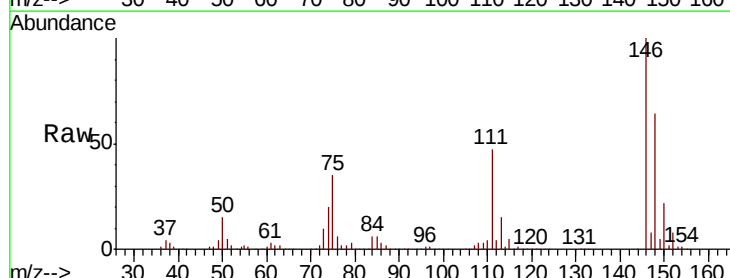
Tgt Ion:146 Resp: 1054480

Ion Ratio Lower Upper

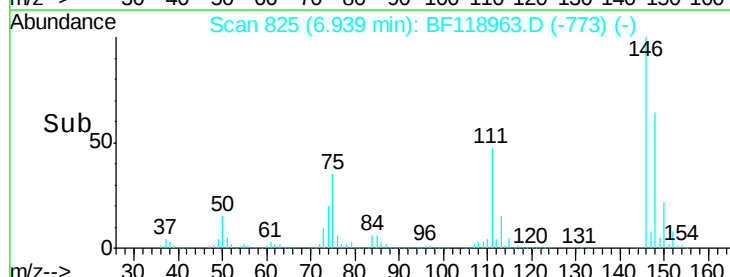
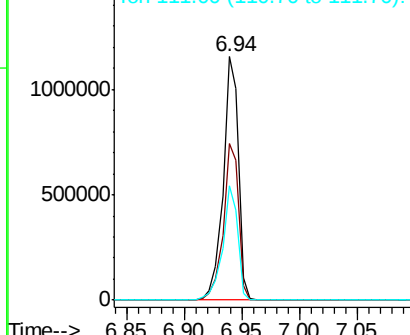
146 100

148 64.4 52.1 78.1

111 47.1 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: 83.545 ng

RT: 6.92 min Scan# 822

Delta R.T. 0.02 min

Lab File: BF118963.D

Acq: 20 Feb 2020 16:34

Instrument :

BNA_F

ClientSampleId :

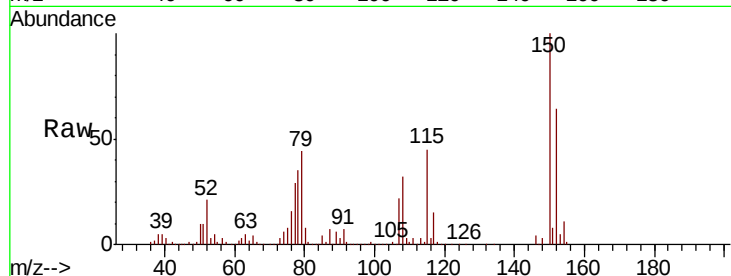
Tot Ion: 79 Resp: 811725

Ion Ratio Lower Upper

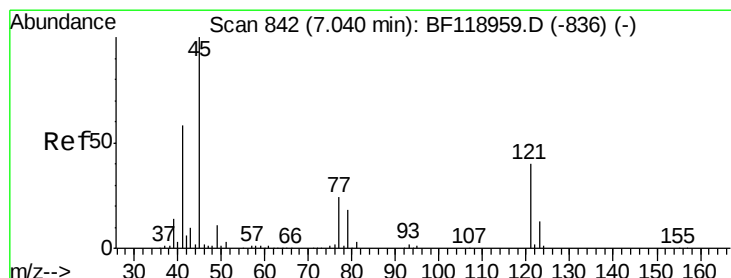
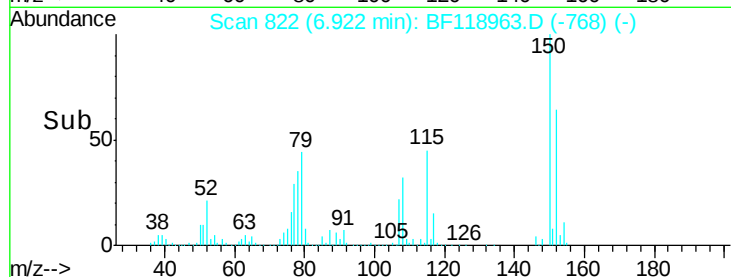
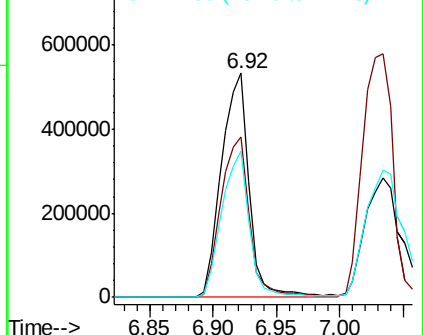
79 100

108 71.6 61.1 91.7

77 65.2 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: 85.478 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF118963.D

Acq: 20 Feb 2020 16:34

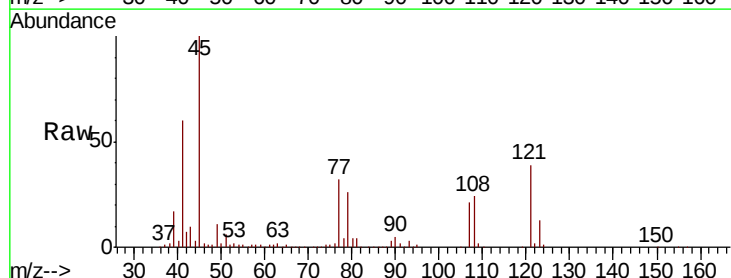
Tgt Ion: 45 Resp: 861965

Ion Ratio Lower Upper

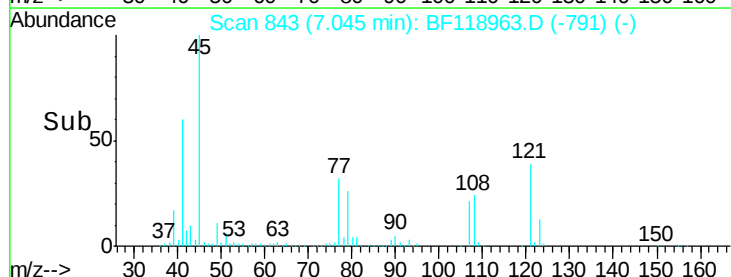
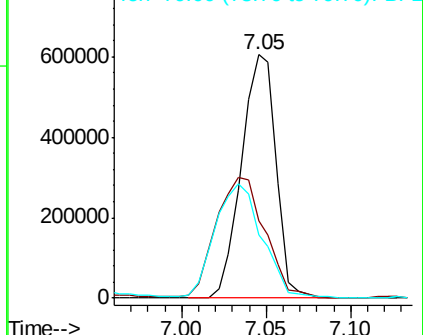
45 100

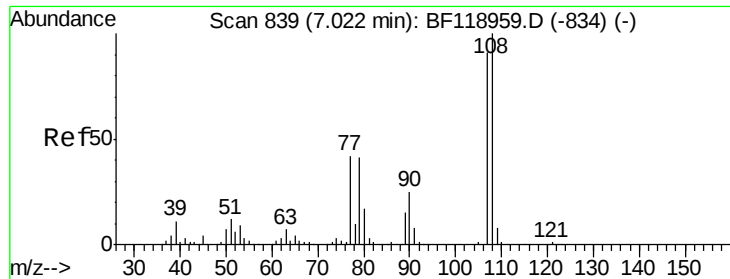
77 31.9 6.1 46.1

79 26.0 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: 87.262 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.01 min

Lab File: BF118963.D

Acq: 20 Feb 2020 16:34

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 851252

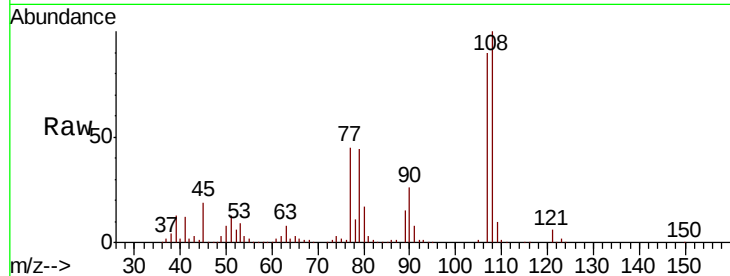
Ion Ratio Lower Upper

107 100

108 111.1 87.7 131.5

77 50.3 36.8 55.2

79 49.1 36.4 54.6

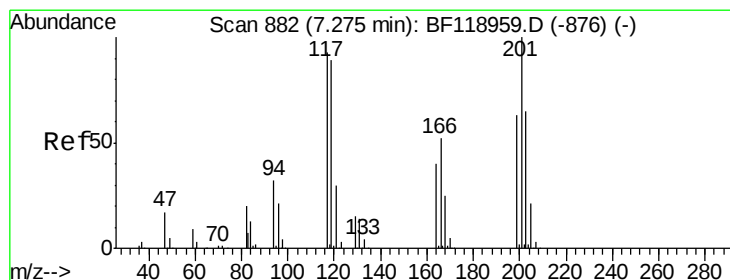
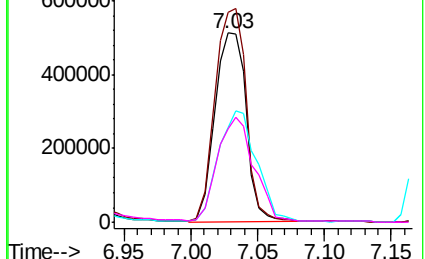
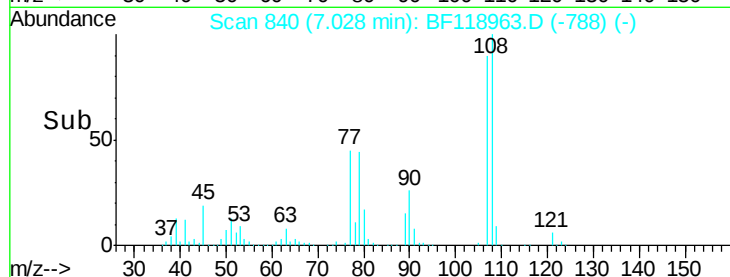


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 87.632 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BF118963.D

Acq: 20 Feb 2020 16:34

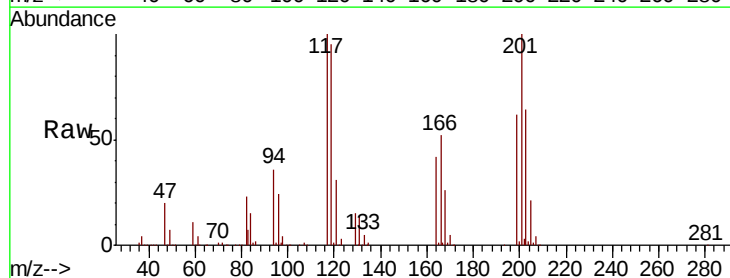
Tgt Ion:117 Resp: 450907

Ion Ratio Lower Upper

117 100

119 95.7 77.0 115.6

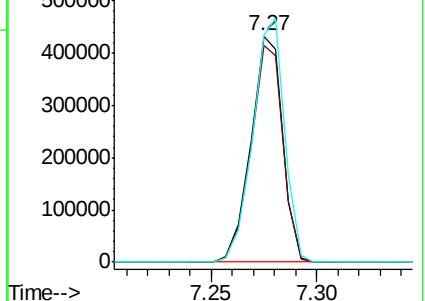
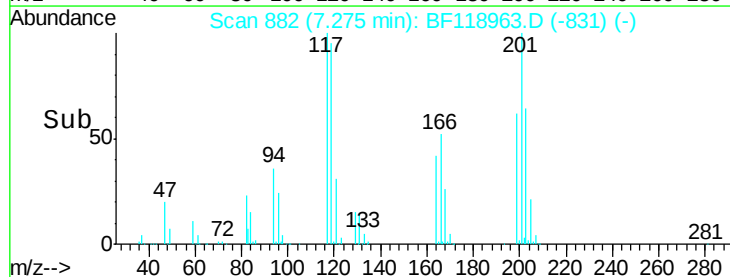
201 100.4 86.4 129.6

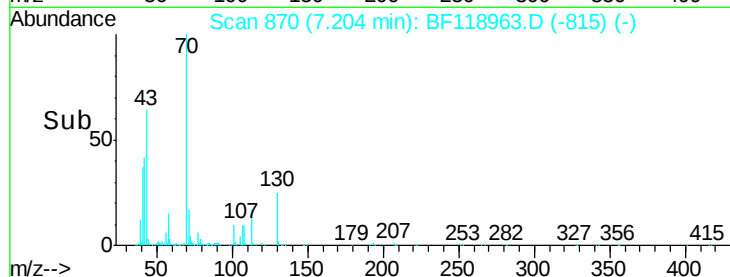
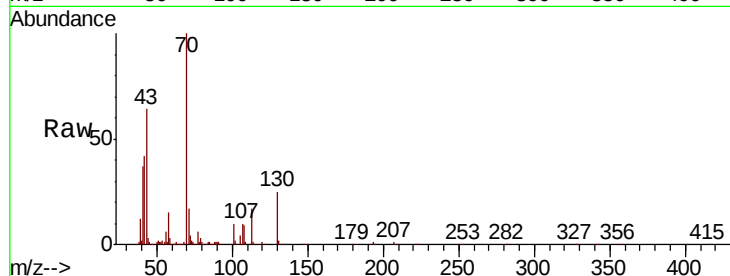
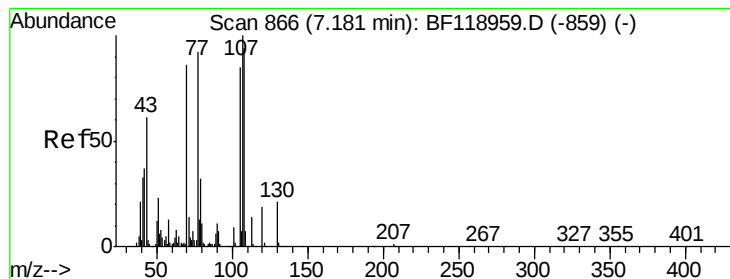


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

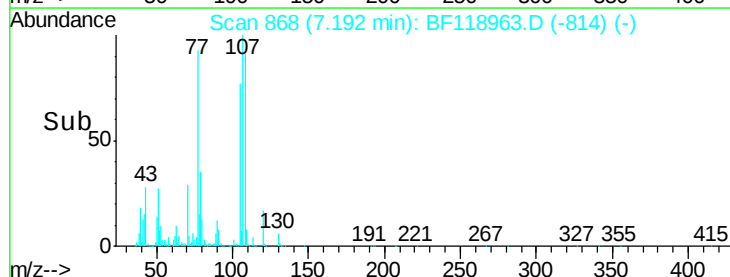
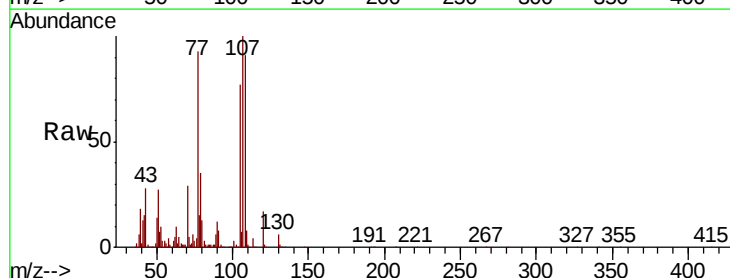
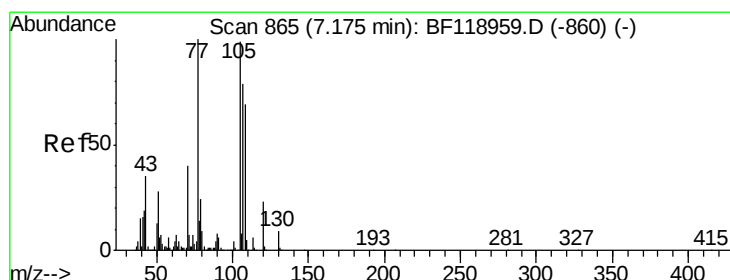
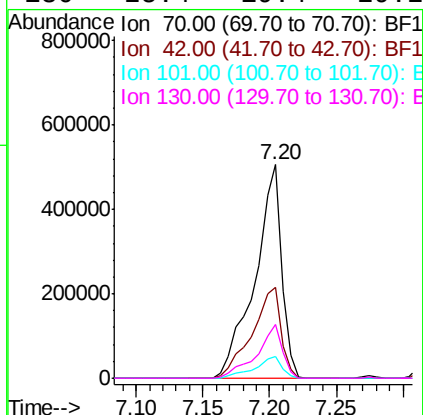




#19
n-Nitroso-di-n-propylamine
Concen: 88.369 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.02 min
Lab File: BF118963.D
Acq: 20 Feb 2020 16:34

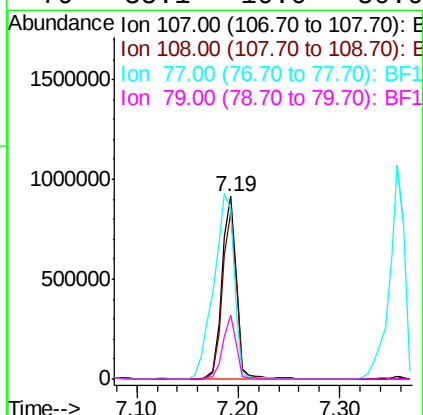
Instrument :
BNA_F
ClientSampleId :

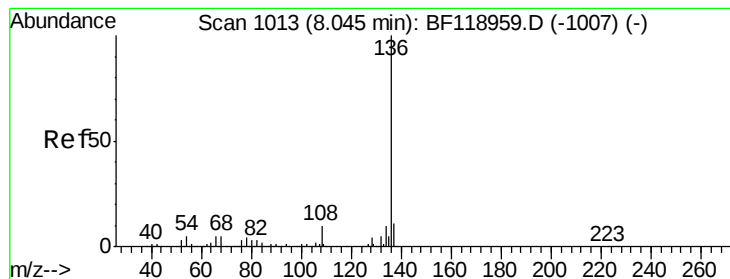
Tot Ion	70	Resp	702320
Ion	Ratio	Lower	Upper
70	100		
42	42.3	34.6	51.8
101	10.3	8.1	12.1
130	25.4	19.4	29.2



#20
3+4-Methylphenols
Concen: 78.618 ng
RT: 7.19 min Scan# 868
Delta R.T. 0.02 min
Lab File: BF118963.D
Acq: 20 Feb 2020 16:34

Tgt Ion	107	Resp	895002
Ion	Ratio	Lower	Upper
107	100		
108	91.2	67.0	107.0
77	93.3	106.2	146.2#
79	35.1	10.0	50.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BF118963.D

Acq: 20 Feb 2020 16:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 614104

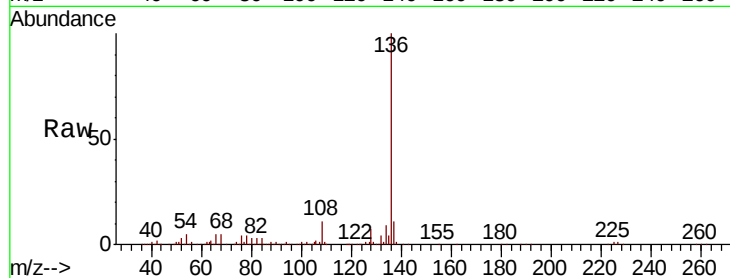
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 5.1 3.8 5.6

68 5.4 4.2 6.2

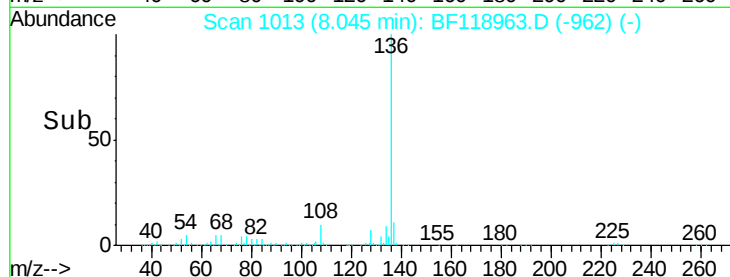


Abundance Ion 136.00 (135.70 to 136.70): E

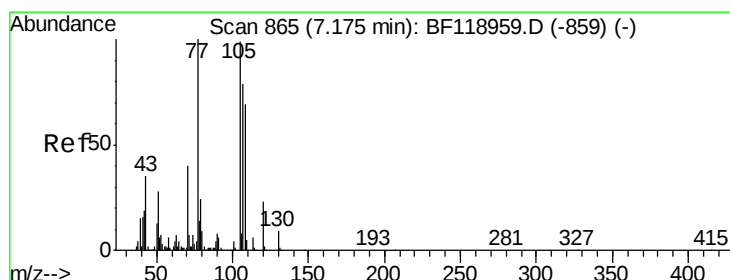
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 97.554 ng

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: BF118963.D

Acq: 20 Feb 2020 16:34

Tgt Ion:105 Resp: 1303792

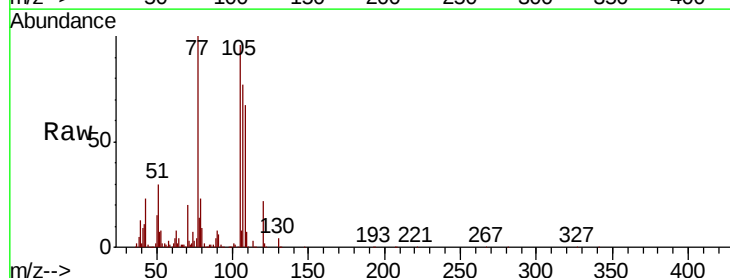
Ion Ratio Lower Upper

105 100

71 3.3 5.4 8.0#

51 31.0 22.5 33.7

120 22.6 18.4 27.6

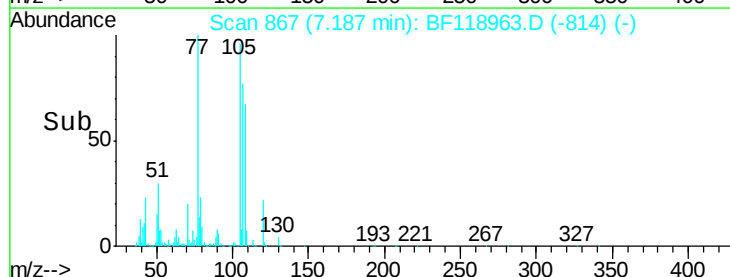


Abundance Ion 105.00 (104.70 to 105.70): E

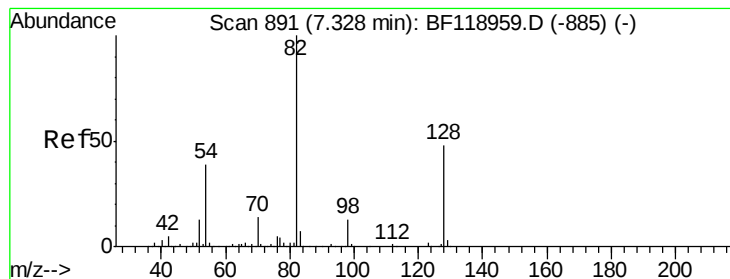
Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->



#23

Nitrobenzene-d5

Concen: 195.935 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.01 min

Lab File: BF118963.D

Acq: 20 Feb 2020 16:34

Instrument :

BNA_F

ClientSampleId :

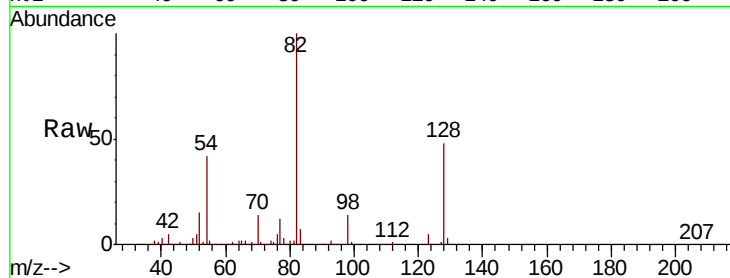
Tot Ion: 82 Resp: 2163365

Ion Ratio Lower Upper

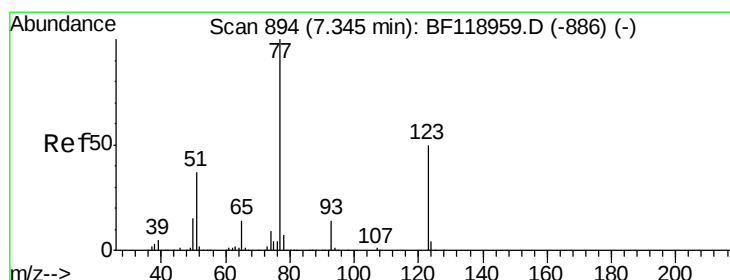
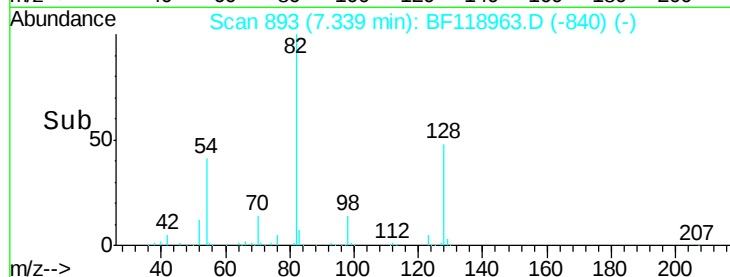
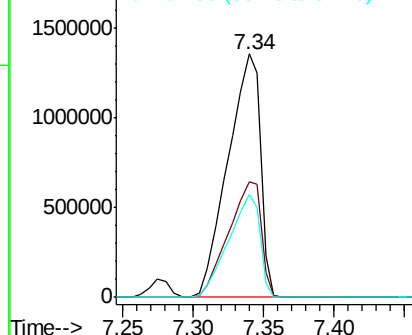
82 100

128 47.7 38.2 57.2

54 42.2 31.3 46.9



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



#24

Nitrobenzene

Concen: 96.291 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.01 min

Lab File: BF118963.D

Acq: 20 Feb 2020 16:34

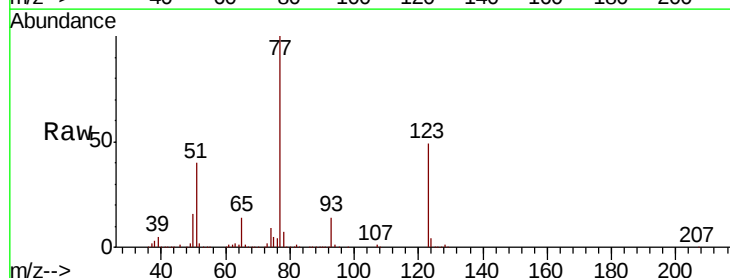
Tgt Ion: 77 Resp: 1076591

Ion Ratio Lower Upper

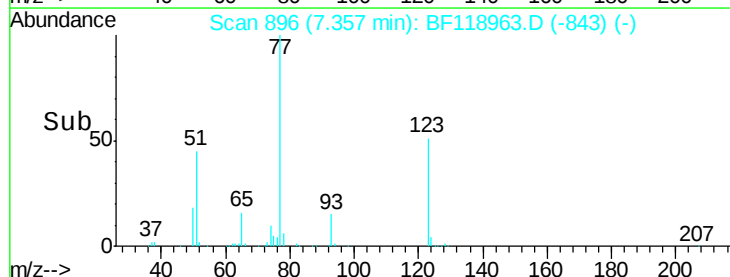
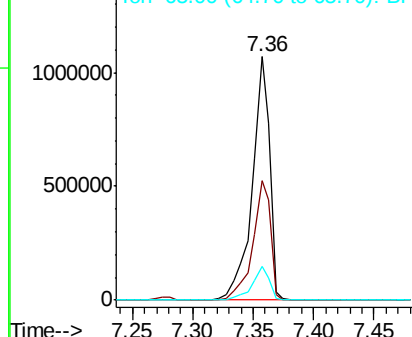
77 100

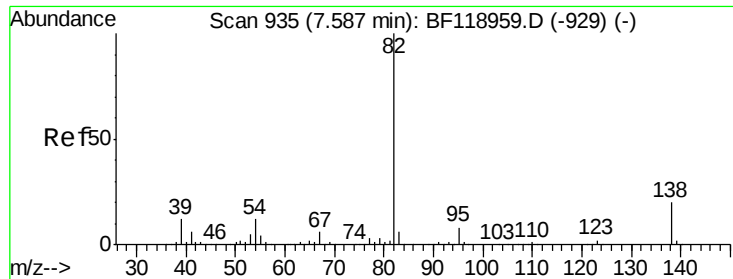
123 49.0 40.1 60.1

65 13.8 10.9 16.3



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

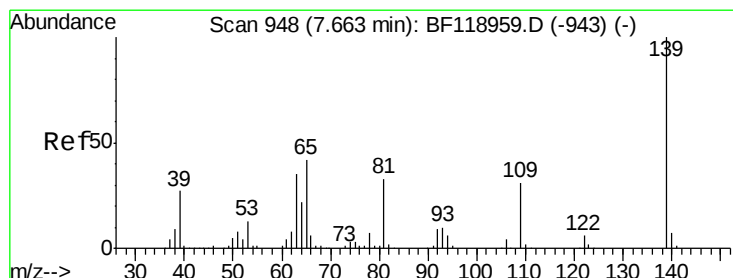
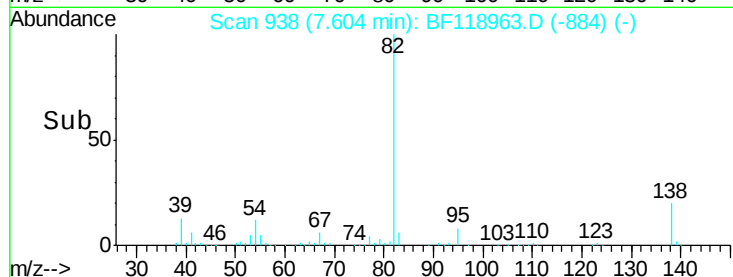
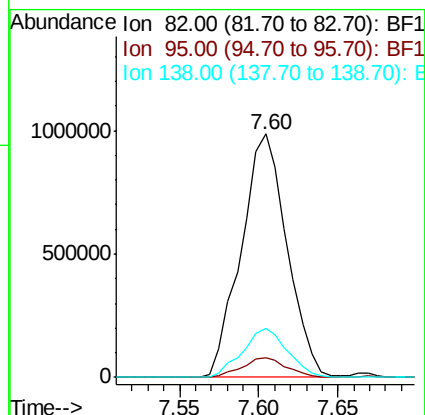
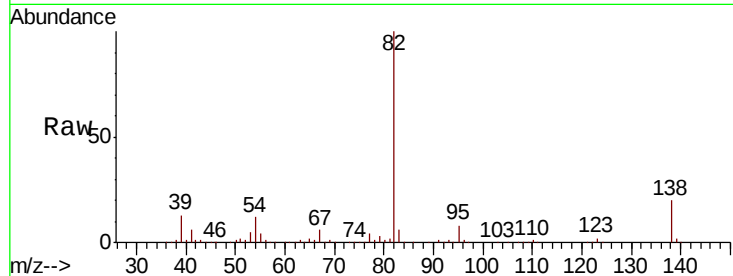




#25
Isophorone
Concen: 100.269 ng
RT: 7.60 min Scan# 938
Delta R.T. 0.02 min
Lab File: BF118963.D
Acq: 20 Feb 2020 16:34

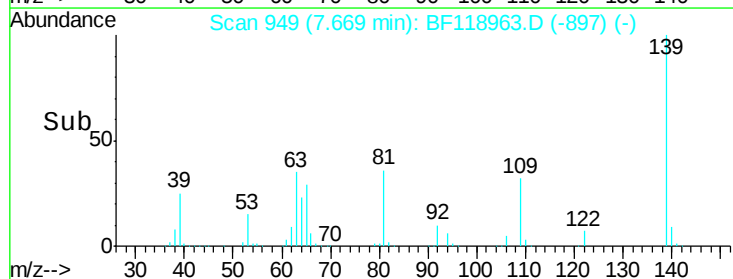
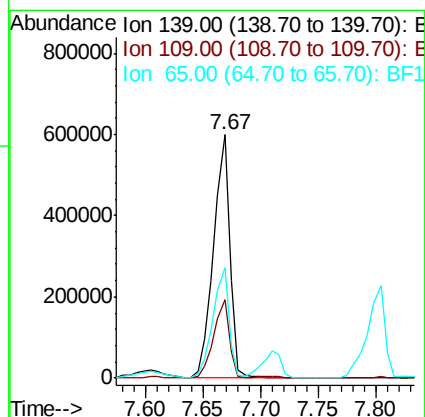
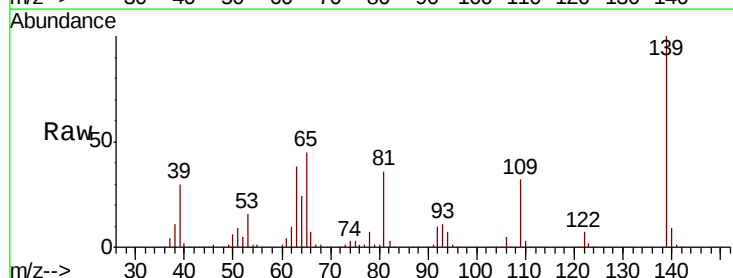
Instrument :
BNA_F
ClientSampleId :

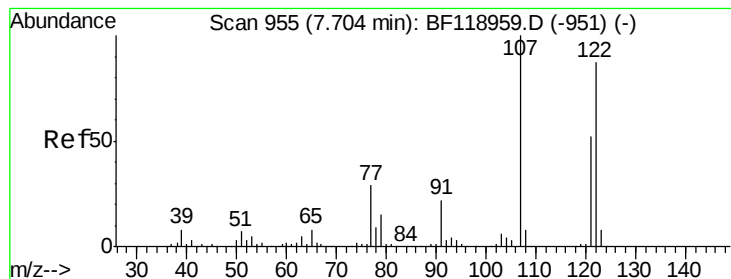
Tot Ion: 82 Resp: 1982371
Ion Ratio Lower Upper
82 100
95 7.9 6.1 9.1
138 20.0 15.8 23.6



#26
2-Nitrophenol
Concen: 99.213 ng
RT: 7.67 min Scan# 949
Delta R.T. 0.01 min
Lab File: BF118963.D
Acq: 20 Feb 2020 16:34

Tgt Ion: 139 Resp: 592403
Ion Ratio Lower Upper
139 100
109 32.2 24.6 36.8
65 45.4 33.6 50.4





#27

2,4-Dimethylphenol

Concen: 99.335 ng

RT: 7.71 min Scan# 956

Delta R.T. 0.01 min

Lab File: BF118963.D

Acq: 20 Feb 2020 16:34

Instrument :

BNA_F

ClientSampled :

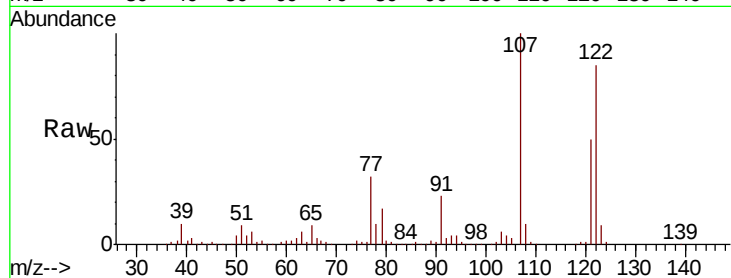
Tot Ion:122 Resp: 793791

Ion Ratio Lower Upper

122 100

107 118.0 91.8 137.8

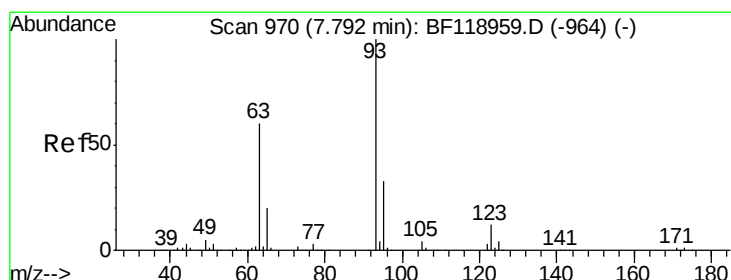
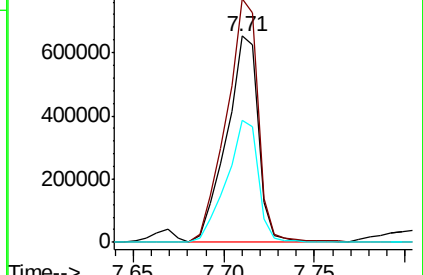
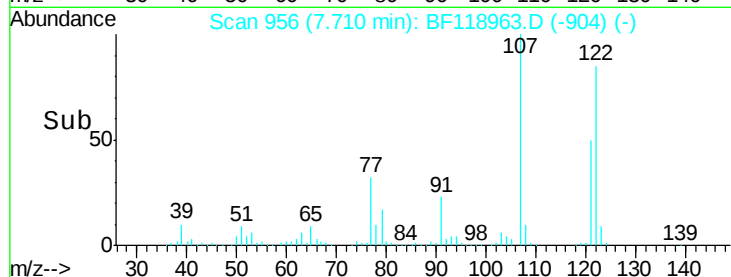
121 58.9 47.4 71.0



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: 94.948 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.01 min

Lab File: BF118963.D

Acq: 20 Feb 2020 16:34

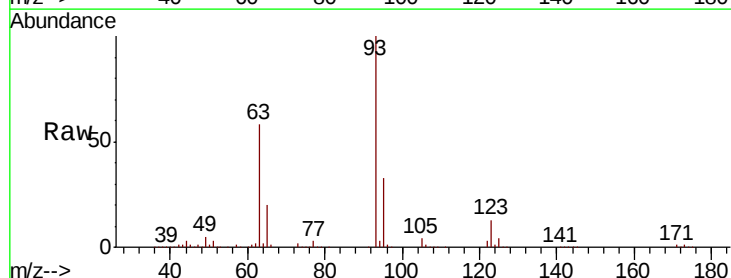
Tgt Ion: 93 Resp: 1227986

Ion Ratio Lower Upper

93 100

95 33.2 26.3 39.5

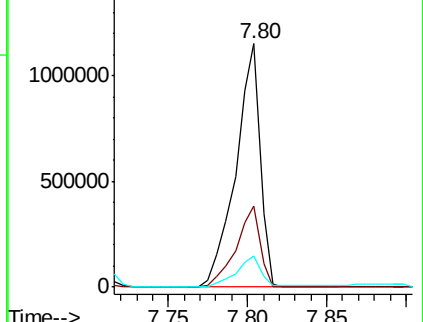
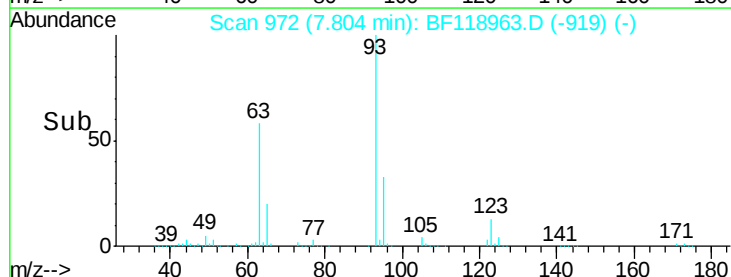
123 12.9 9.8 14.8

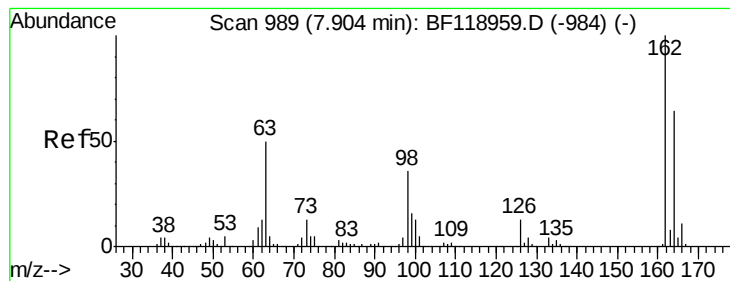


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

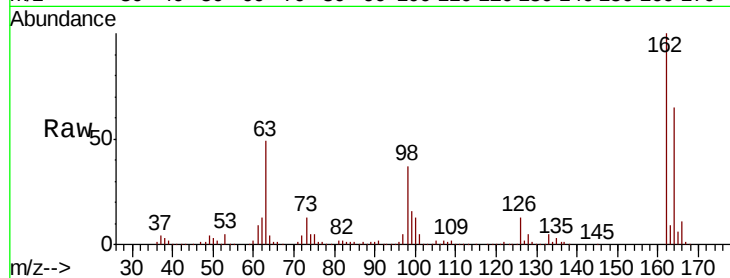




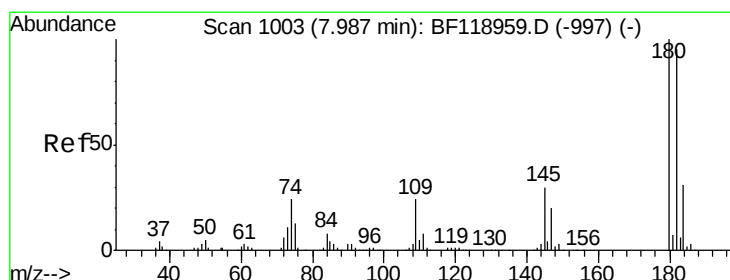
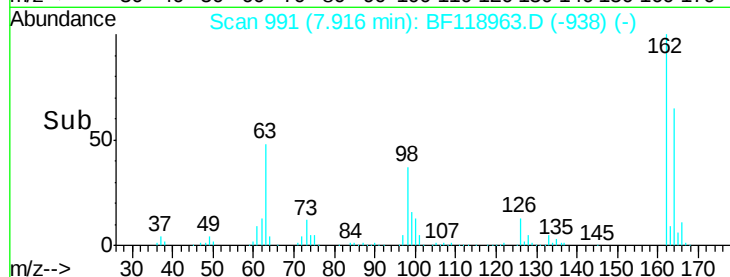
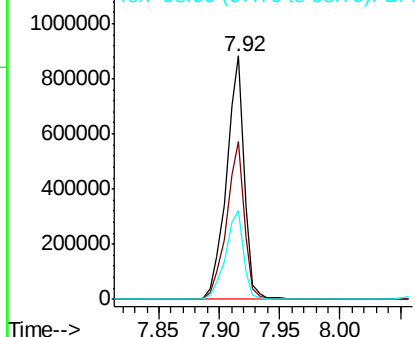
#29
 2,4-Dichlorophenol
 Concen: 94.715 ng
 RT: 7.92 min Scan# 991
 Delta R.T. 0.01 min
 Lab File: BF118963.D
 Acq: 20 Feb 2020 16:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.1	84.1
98	36.5	16.4	56.4

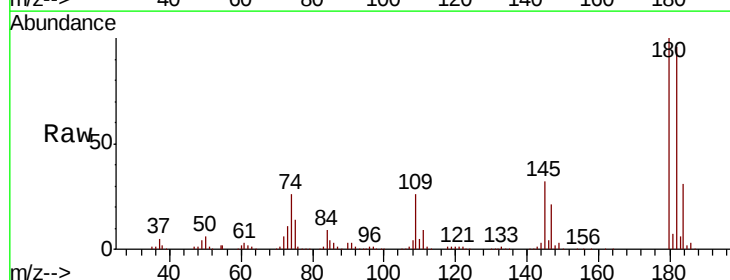


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

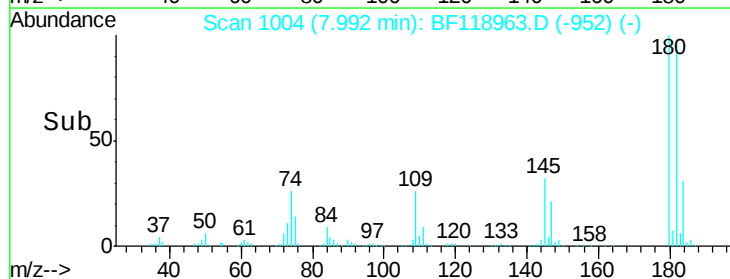
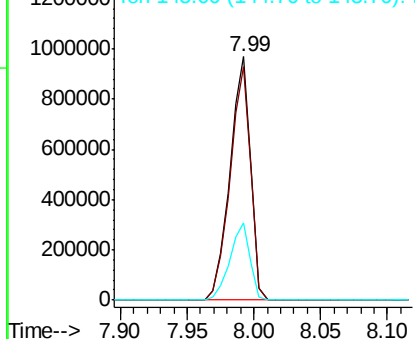


#30
 1,2,4-Trichlorobenzene
 Concen: 94.111 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. 0.01 min
 Lab File: BF118963.D
 Acq: 20 Feb 2020 16:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	75.8	113.8
145	31.9	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: 90.414 ng

RT: 8.07 min Scan# 1018

Delta R.T. 0.01 min

Lab File: BF118963.D

Acq: 20 Feb 2020 16:34

Instrument :

BNA_F

ClientSampleId :

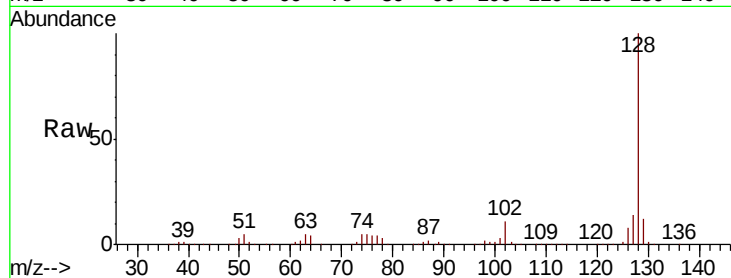
Tot Ion:128 Resp: 2813761

Ion Ratio Lower Upper

128 100

129 11.7 9.0 13.4

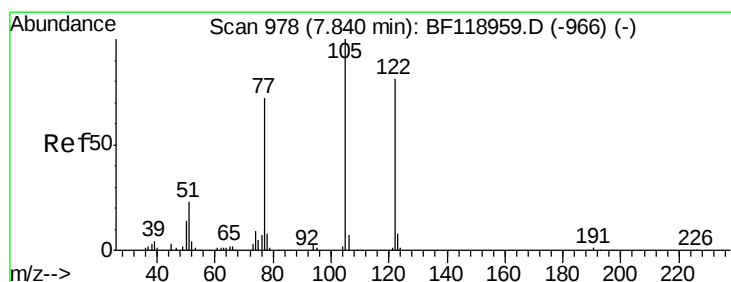
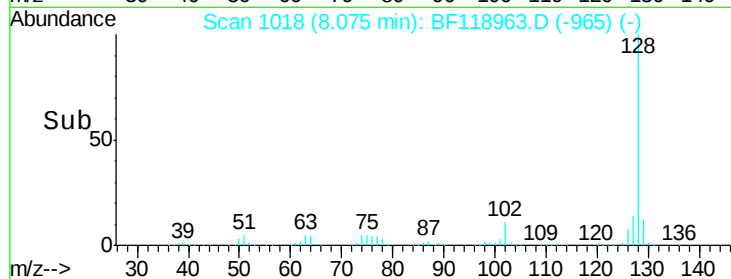
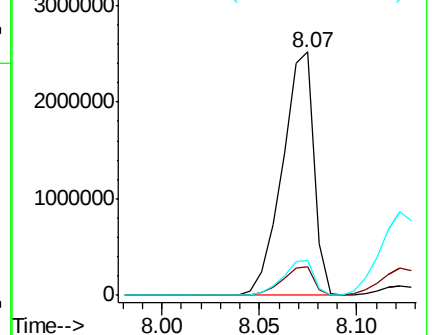
127 14.4 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 114.588 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.05 min

Lab File: BF118963.D

Acq: 20 Feb 2020 16:34

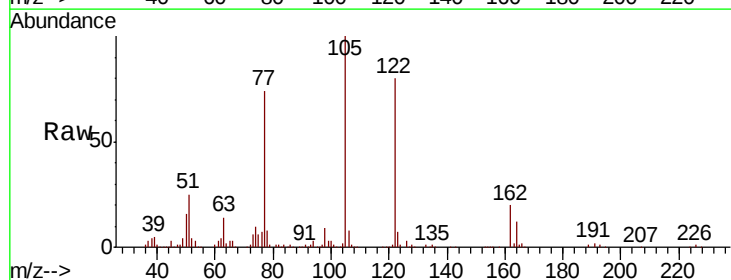
Tgt Ion:122 Resp: 661475

Ion Ratio Lower Upper

122 100

105 124.9 102.2 142.2

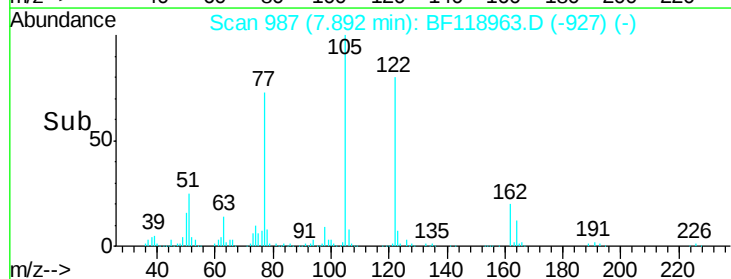
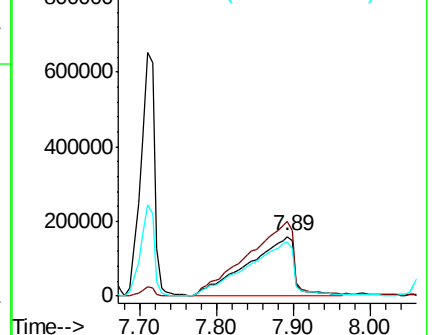
77 91.8 68.6 108.6

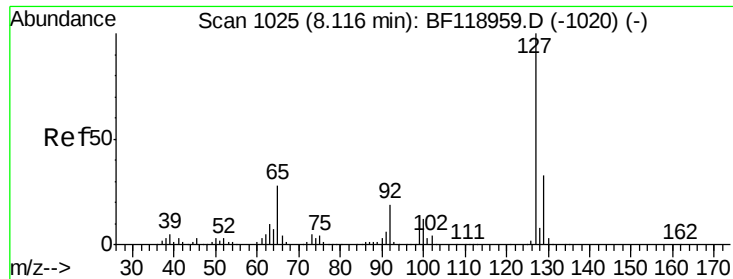


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

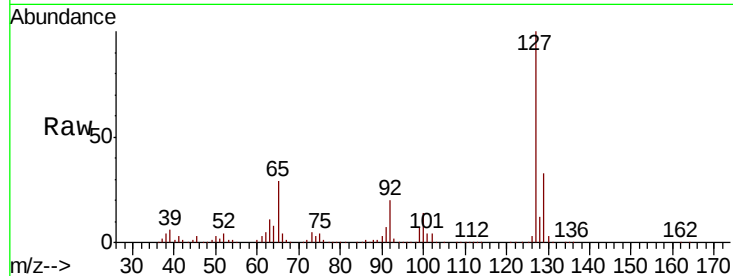




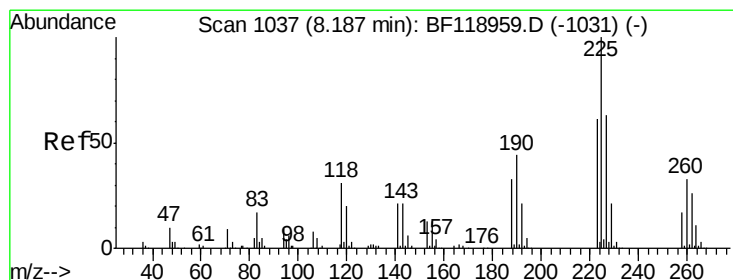
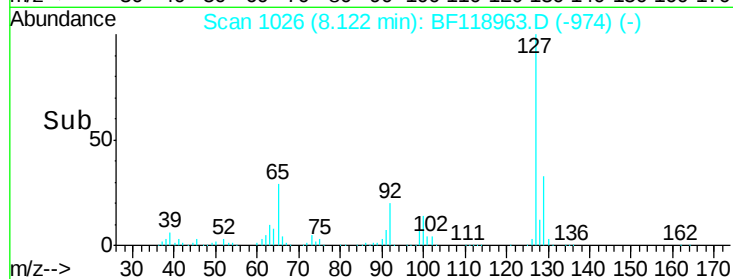
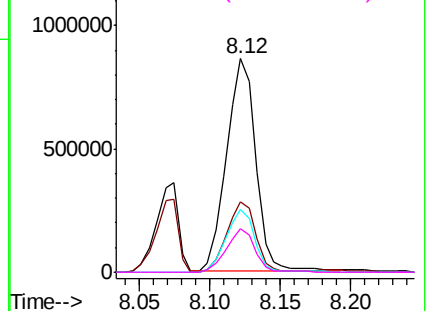
#33
4-Chloroaniline
Concen: 93.266 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.01 min
Lab File: BF118963.D
Acq: 20 Feb 2020 16:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:127 Resp: 1242648
Ion Ratio Lower Upper
127 100
129 33.2 26.2 39.2
65 29.4 22.0 33.0
92 20.2 15.5 23.3

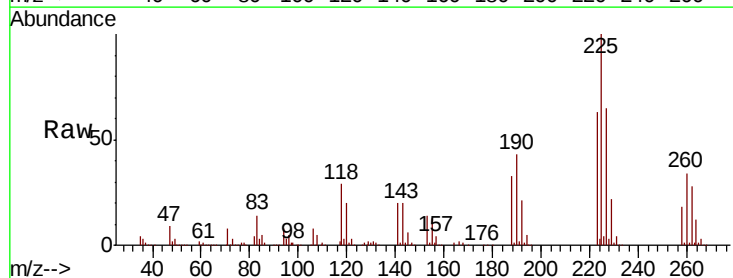


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

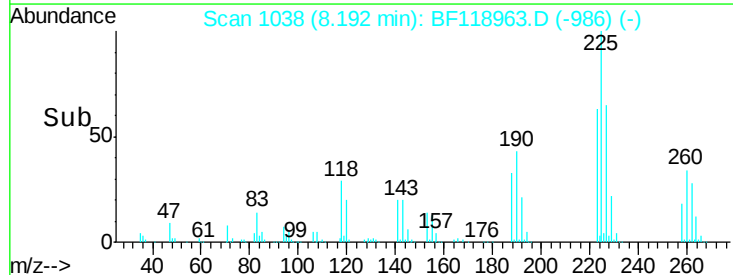
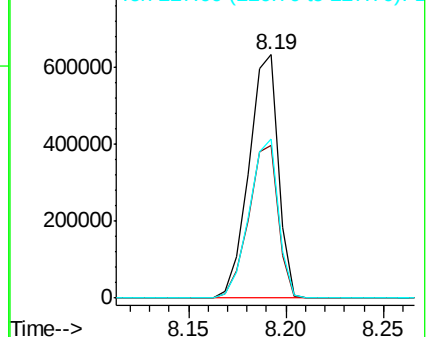


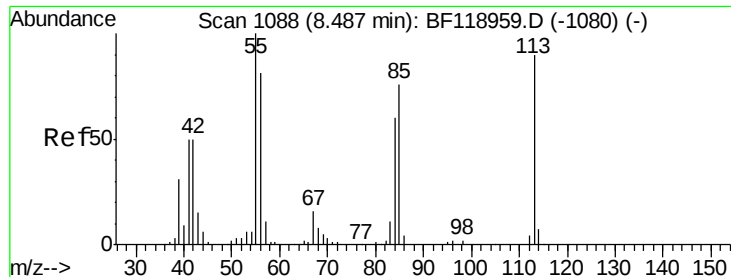
#34
Hexachlorobutadiene
Concen: 95.669 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.01 min
Lab File: BF118963.D
Acq: 20 Feb 2020 16:34

Tgt Ion:225 Resp: 661778
Ion Ratio Lower Upper
225 100
223 62.8 48.9 73.3
227 65.4 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

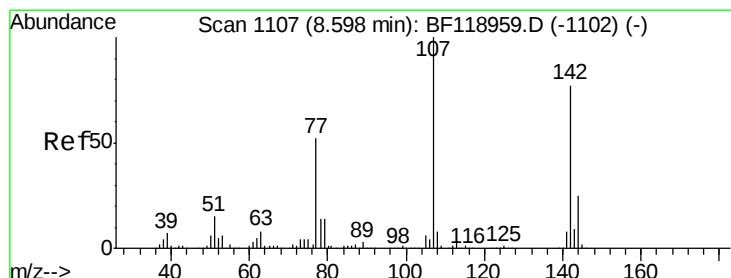
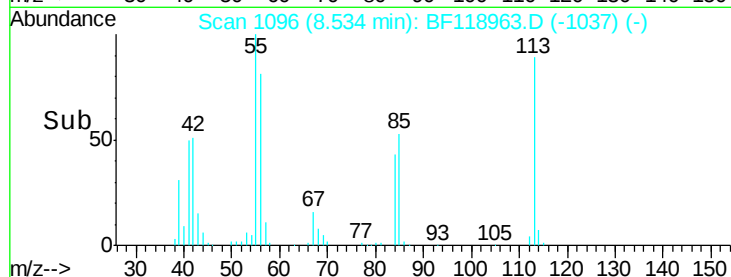
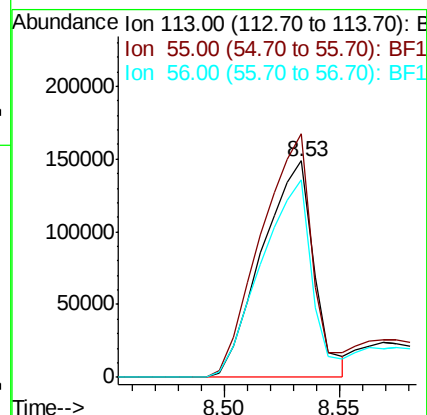
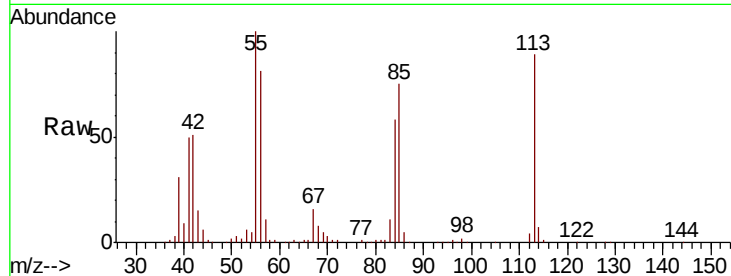




#35
Caprolactam
Concen: 80.442 ng
RT: 8.53 min Scan# 1096
Delta R.T. 0.05 min
Lab File: BF118963.D
Acq: 20 Feb 2020 16:34

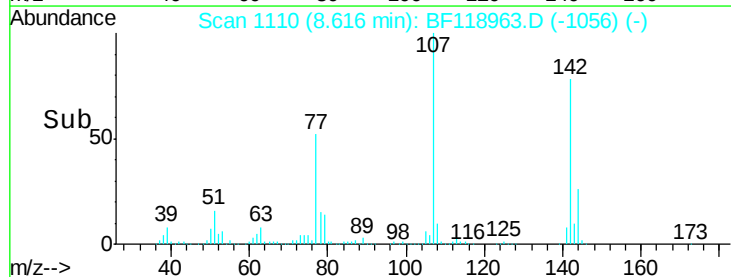
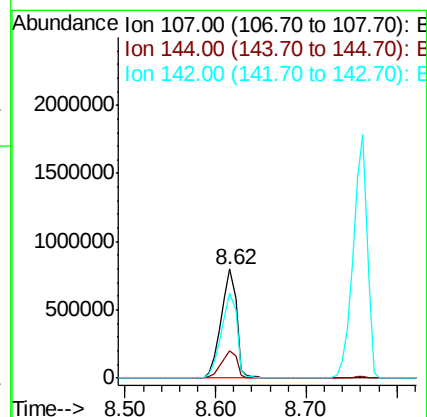
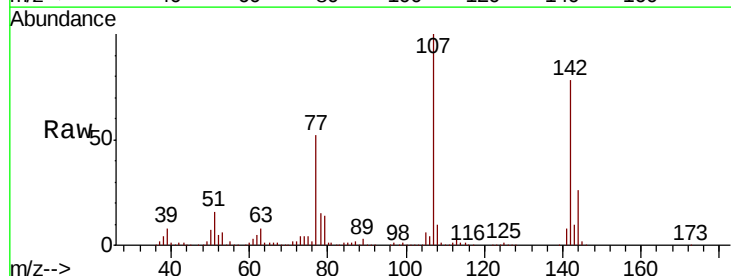
Instrument :
BNA_F
ClientSampleId :

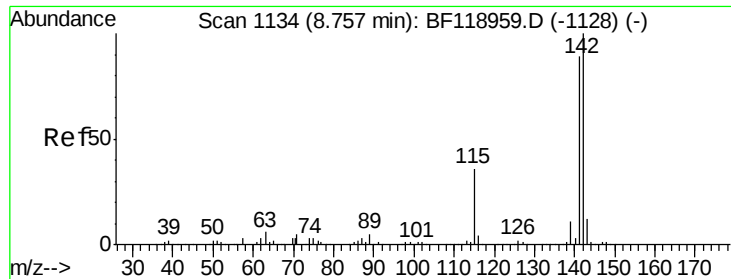
Tot Ion:113 Resp: 231947
Ion Ratio Lower Upper
113 100
55 112.5 90.8 130.8
56 91.0 70.0 110.0



#36
4-Chloro-3-methylphenol
Concen: 98.157 ng
RT: 8.62 min Scan# 1110
Delta R.T. 0.02 min
Lab File: BF118963.D
Acq: 20 Feb 2020 16:34

Tgt Ion:107 Resp: 934757
Ion Ratio Lower Upper
107 100
144 25.5 19.8 29.8
142 77.5 61.3 91.9

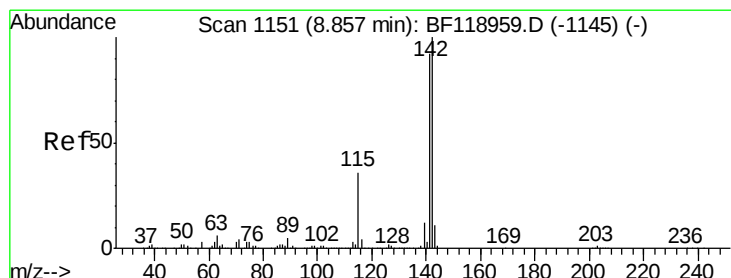
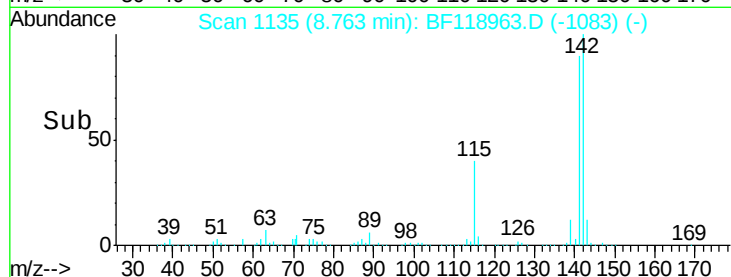
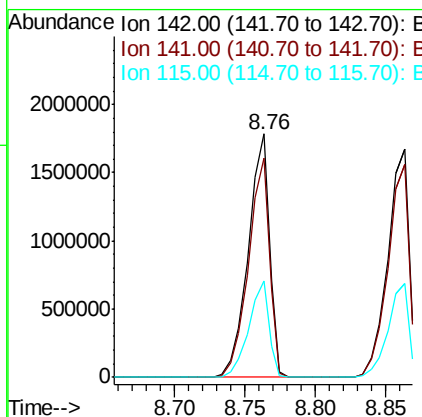
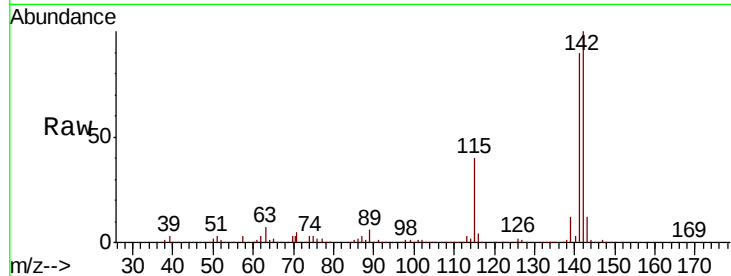




#37
 2-Methylnaphthalene
 Concen: 91.023 ng
 RT: 8.76 min Scan# 1135
 Delta R.T. 0.01 min
 Lab File: BF118963.D
 Acq: 20 Feb 2020 16:34

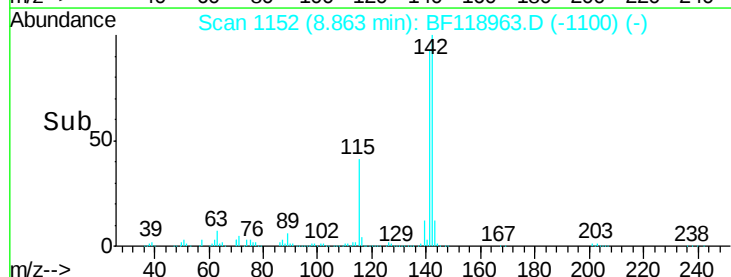
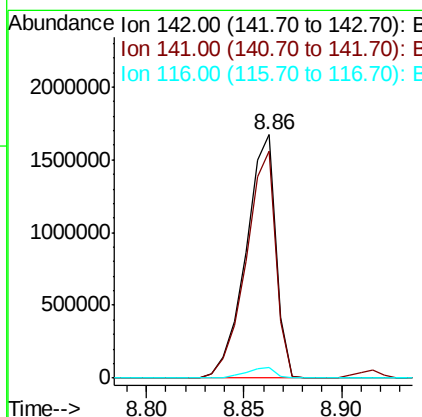
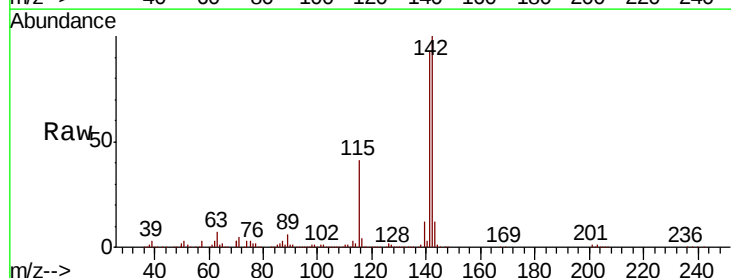
Instrument :
 BNA_F
 ClientSampleId :

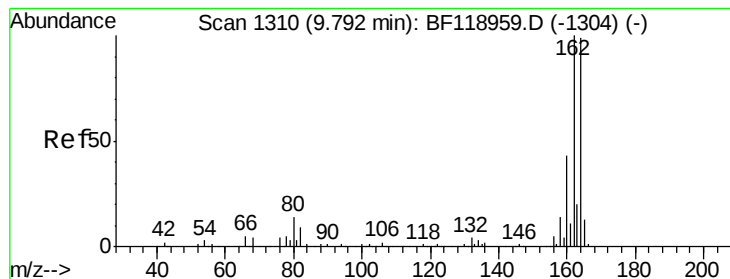
Tot Ion:142 Resp: 1889639
 Ion Ratio Lower Upper
 142 100
 141 90.0 71.0 106.4
 115 39.8 28.6 42.8



#38
 1-Methylnaphthalene
 Concen: 91.195 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. 0.01 min
 Lab File: BF118963.D
 Acq: 20 Feb 2020 16:34

Tgt Ion:142 Resp: 1775361
 Ion Ratio Lower Upper
 142 100
 141 93.3 73.7 110.5
 116 4.1 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.01 min

Lab File: BF118963.D

Acq: 20 Feb 2020 16:34

Instrument :

BNA_F

ClientSampleId :

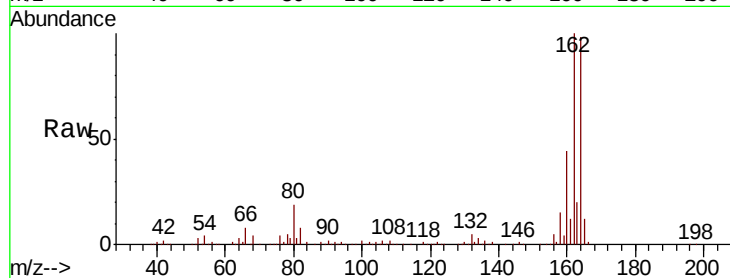
Tot Ion:164 Resp: 329939

Ion Ratio Lower Upper

164 100

162 102.1 81.2 121.8

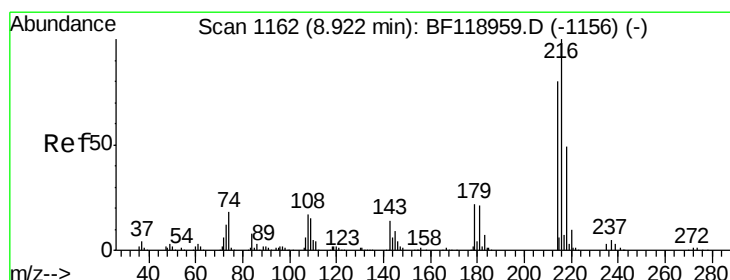
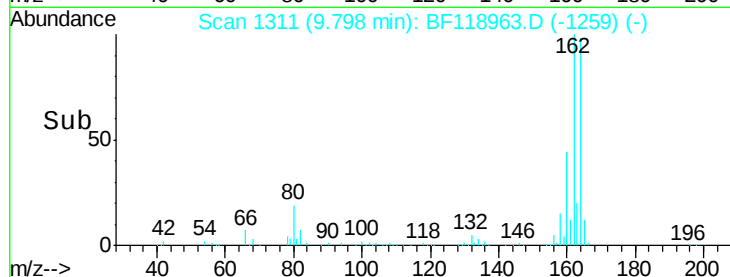
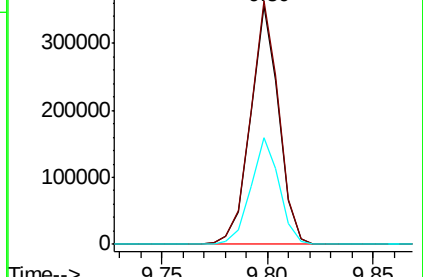
160 44.6 35.2 52.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 94.182 ng

RT: 8.93 min Scan# 1163

Delta R.T. 0.01 min

Lab File: BF118963.D

Acq: 20 Feb 2020 16:34

Tgt Ion:216 Resp: 996909

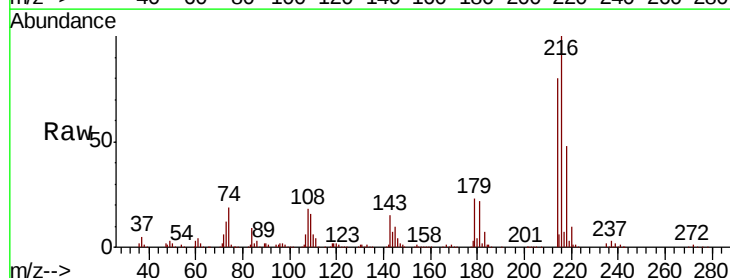
Ion Ratio Lower Upper

216 100

214 78.8 63.1 94.7

179 22.2 17.2 25.8

108 17.9 13.4 20.0

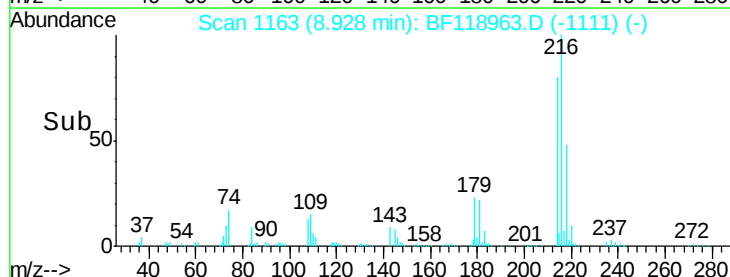
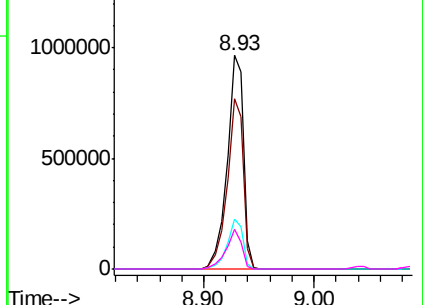


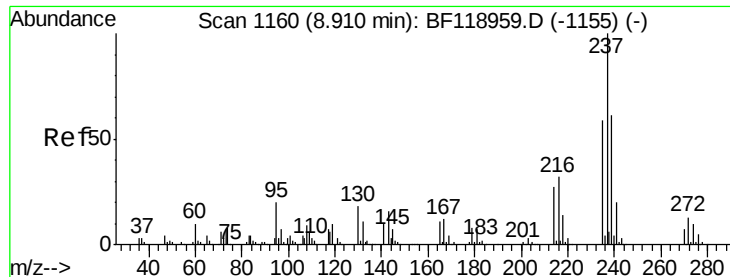
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 132.252 ng

RT: 8.92 min Scan# 1161

Delta R.T. 0.01 min

Lab File: BF118963.D

Acq: 20 Feb 2020 16:34

Instrument :

BNA_F

ClientSampleId :

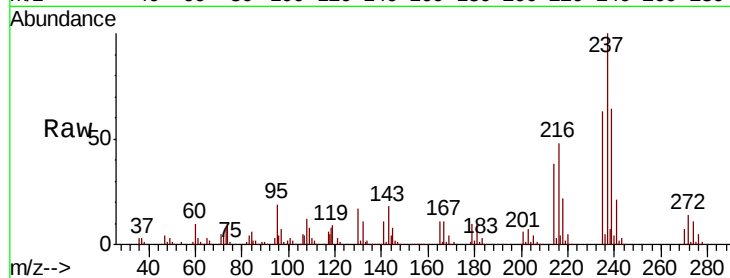
Tot Ion:237 Resp: 420047

Ion Ratio Lower Upper

237 100

235 62.6 39.4 79.4

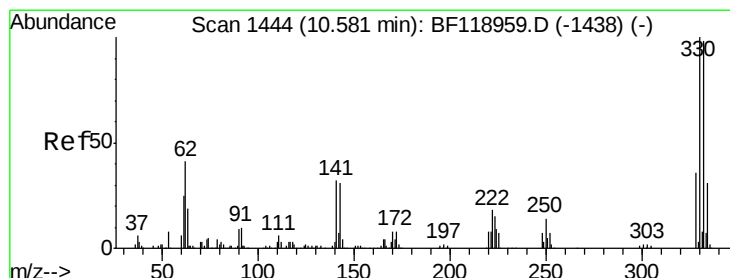
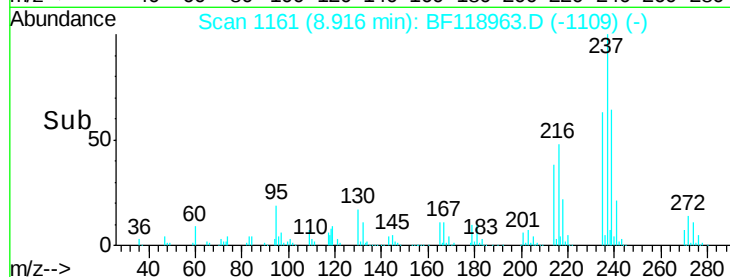
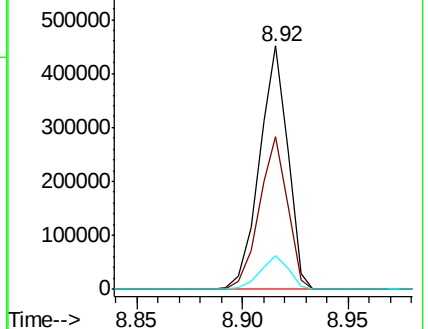
272 13.9 0.0 32.6



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: 196.889 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.01 min

Lab File: BF118963.D

Acq: 20 Feb 2020 16:34

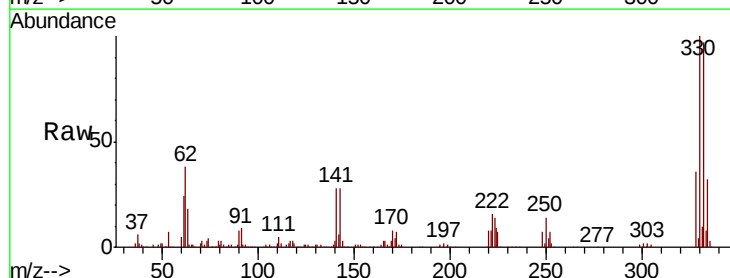
Tgt Ion:330 Resp: 804763

Ion Ratio Lower Upper

330 100

332 96.2 77.1 115.7

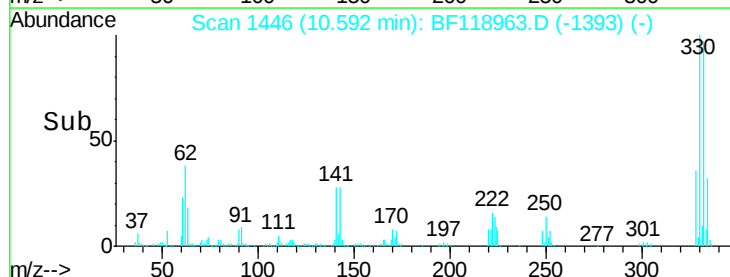
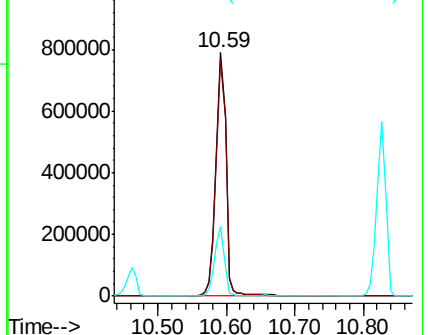
141 27.6 23.0 34.6

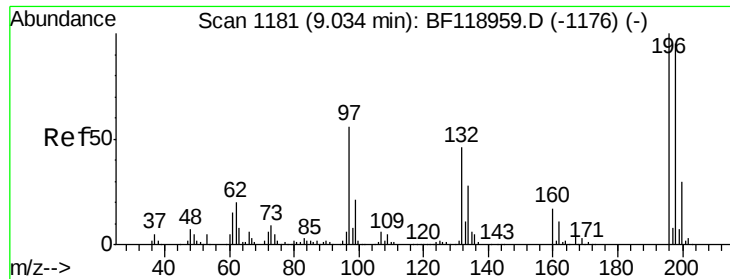


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

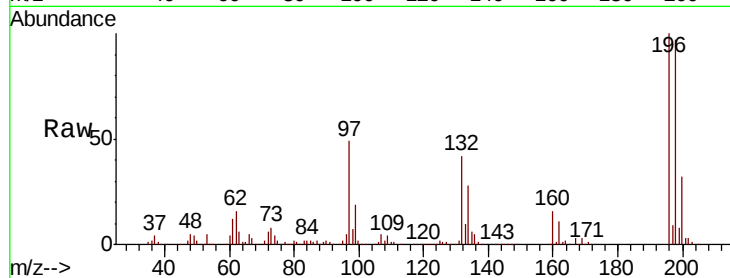




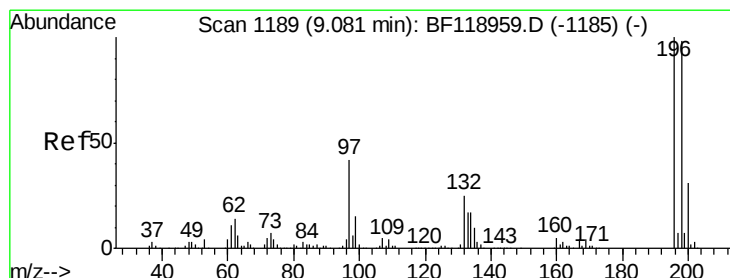
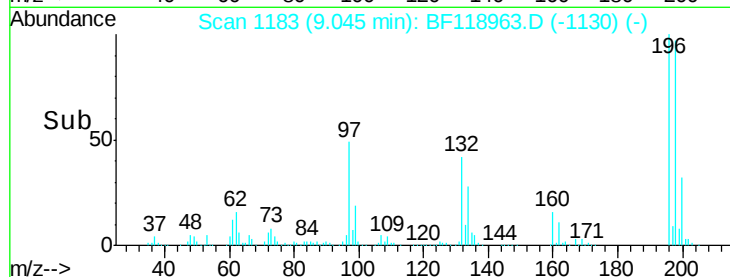
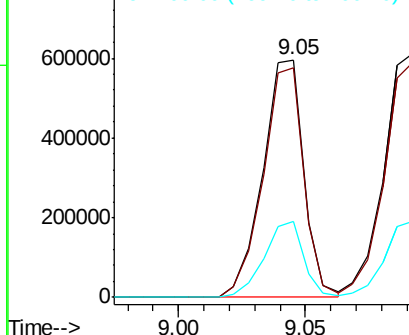
#43
 2,4,6-Trichlorophenol
 Concen: 95.616 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF118963.D
 Acq: 20 Feb 2020 16:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 667908
 Ion Ratio Lower Upper
 196 100
 198 96.7 75.8 113.6
 200 31.8 24.1 36.1

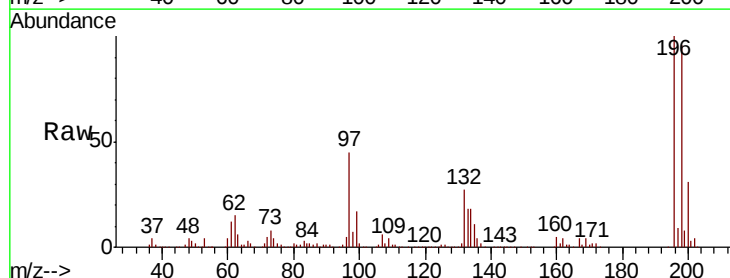


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

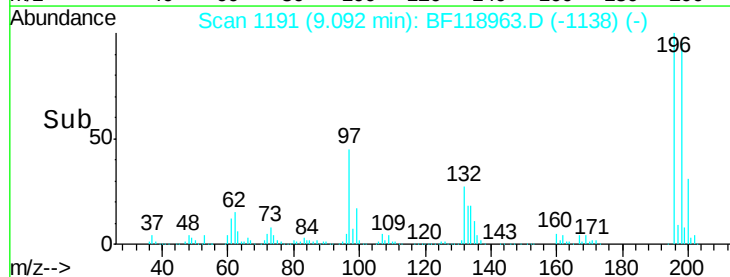
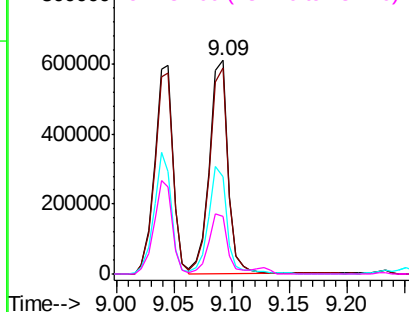


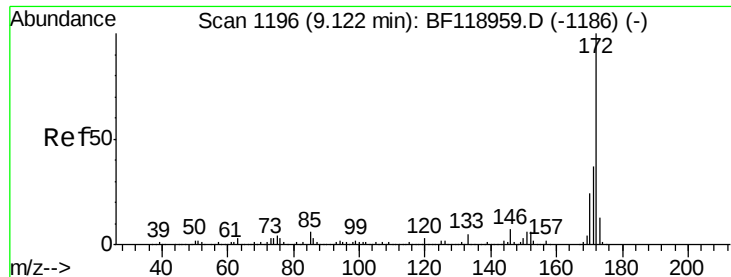
#44
 2,4,5-Trichlorophenol
 Concen: 95.299 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF118963.D
 Acq: 20 Feb 2020 16:34

Tgt Ion:196 Resp: 690211
 Ion Ratio Lower Upper
 196 100
 198 96.4 78.4 117.6
 97 45.3 33.4 50.0
 132 27.0 20.6 30.8



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



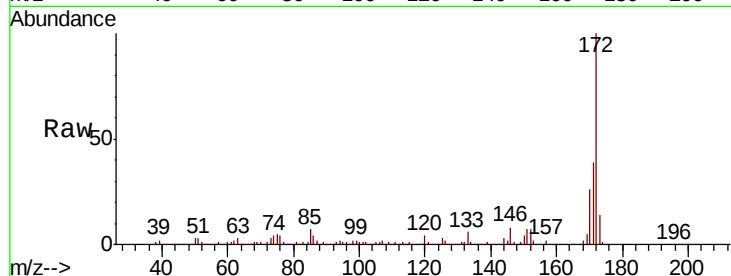


#45
 2-Fluorobiphenyl
 Concen: 176.779 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.01 min
 Lab File: BF118963.D
 Acq: 20 Feb 2020 16:34

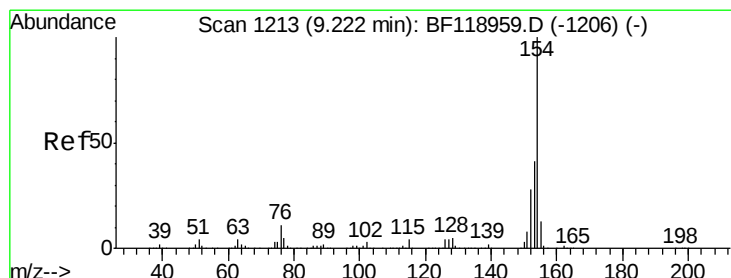
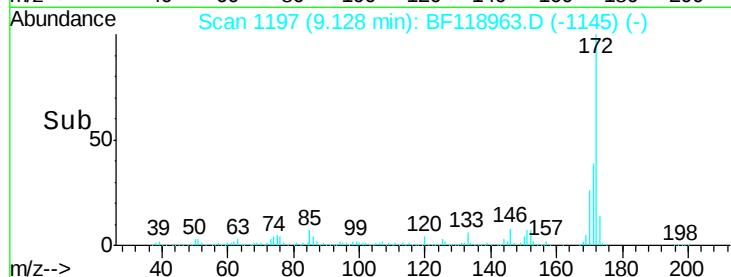
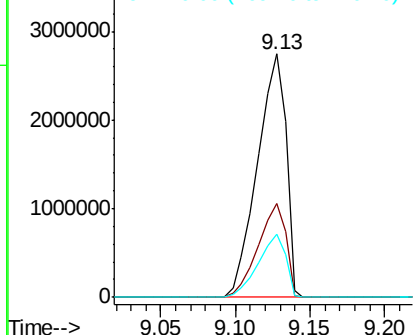
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 3610888

Ion	Ratio	Lower	Upper
172	100		
171	38.7	29.4	44.2
170	25.9	19.6	29.4



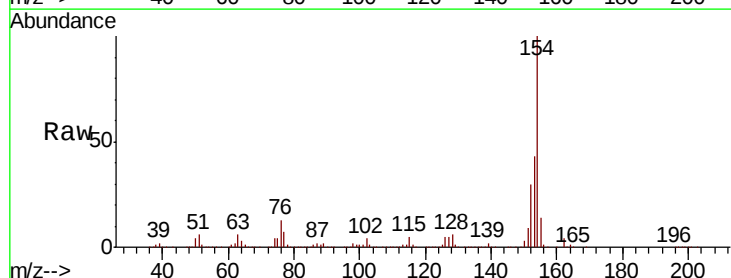
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



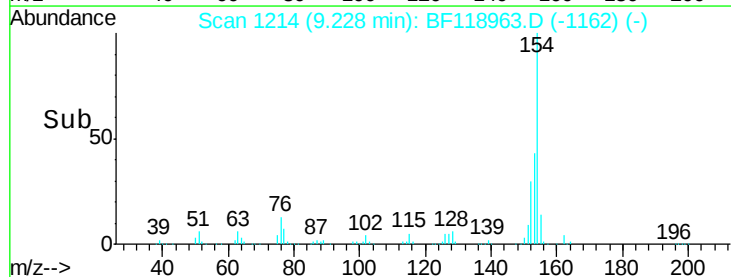
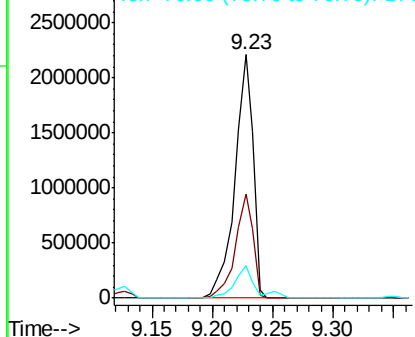
#46
 1,1'-Biphenyl
 Concen: 91.330 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.01 min
 Lab File: BF118963.D
 Acq: 20 Feb 2020 16:34

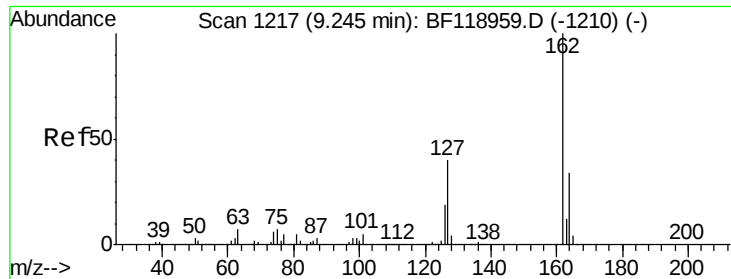
Tgt Ion:154 Resp: 2316603

Ion	Ratio	Lower	Upper
154	100		
153	43.0	21.2	61.2
76	13.1	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

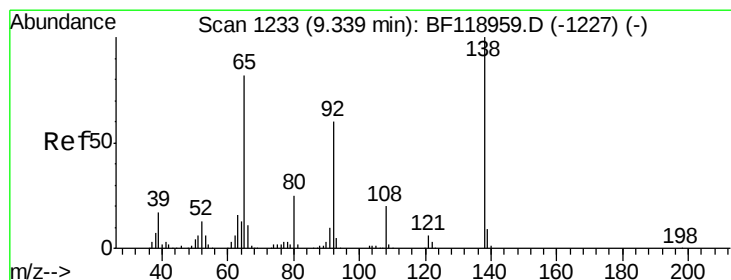
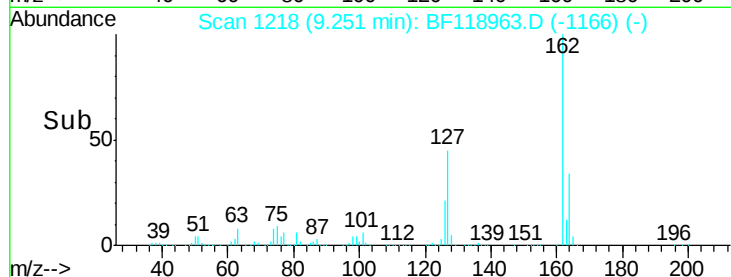
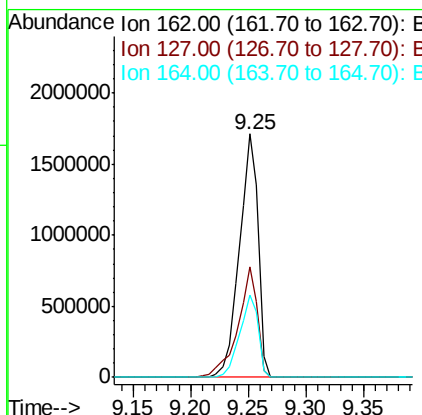
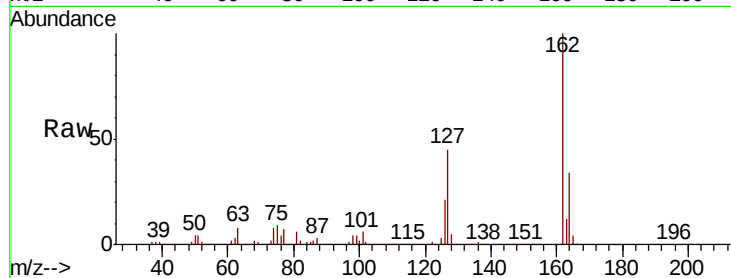




#47
 2-Chloronaphthalene
 Concen: 90.972 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. 0.01 min
 Lab File: BF118963.D
 Acq: 20 Feb 2020 16:34

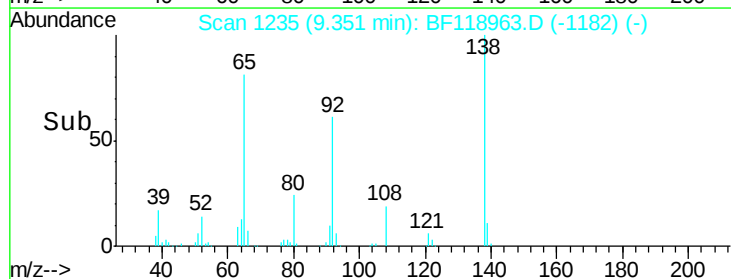
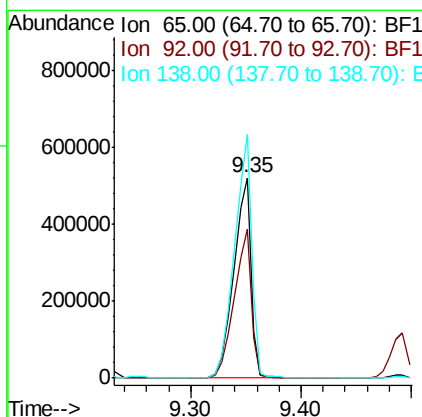
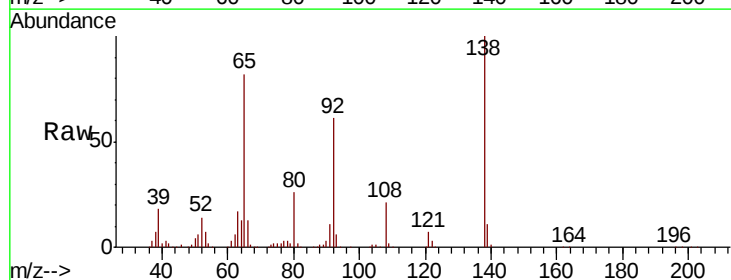
Instrument :
 BNA_F
 ClientSampleId :

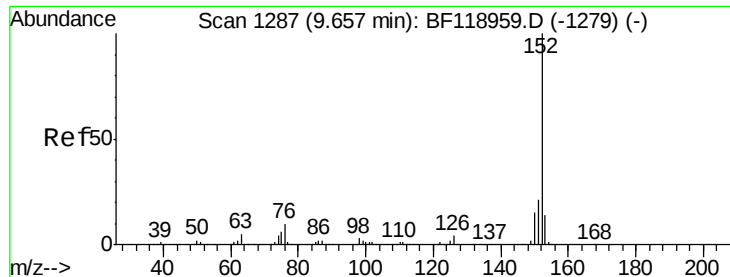
Tot Ion:162 Resp: 1915037
 Ion Ratio Lower Upper
 162 100
 127 45.2 31.9 47.9
 164 33.9 26.8 40.2



#48
 2-Nitroaniline
 Concen: 97.553 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. 0.01 min
 Lab File: BF118963.D
 Acq: 20 Feb 2020 16:34

Tgt Ion: 65 Resp: 574605
 Ion Ratio Lower Upper
 65 100
 92 74.5 58.6 87.8
 138 121.5 97.5 146.3





#49

Acenaphthylene

Concen: 89.100 ng

RT: 9.67 min Scan# 1289

Delta R.T. 0.01 min

Lab File: BF118963.D

Acq: 20 Feb 2020 16:34

Instrument :

BNA_F

ClientSampleId :

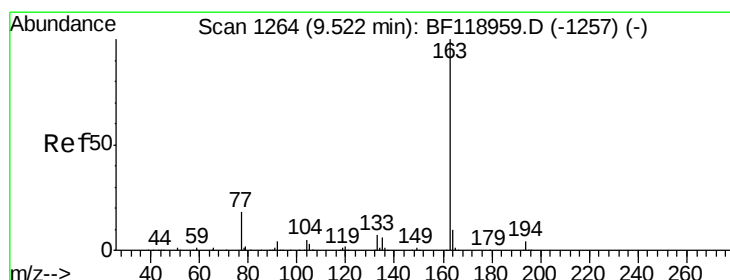
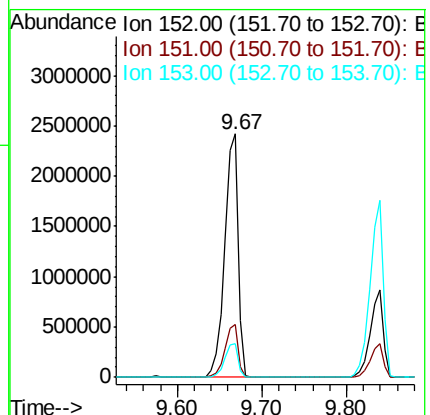
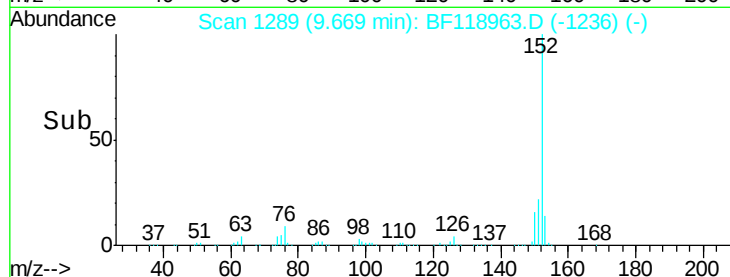
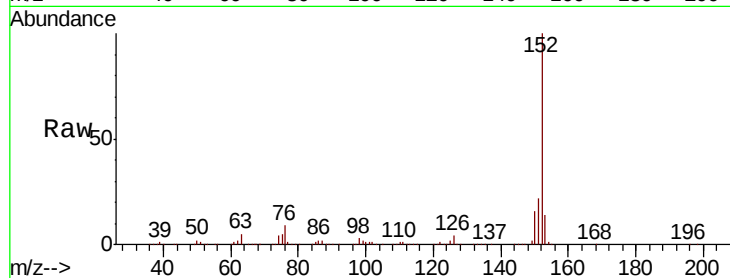
Tot Ion:152 Resp: 2678102

Ion Ratio Lower Upper

152 100

151 21.9 16.7 25.1

153 13.8 10.9 16.3



#50

Dimethylphthalate

Concen: 94.559 ng

RT: 9.54 min Scan# 1267

Delta R.T. 0.02 min

Lab File: BF118963.D

Acq: 20 Feb 2020 16:34

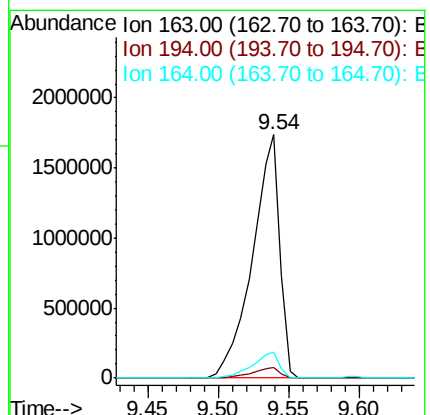
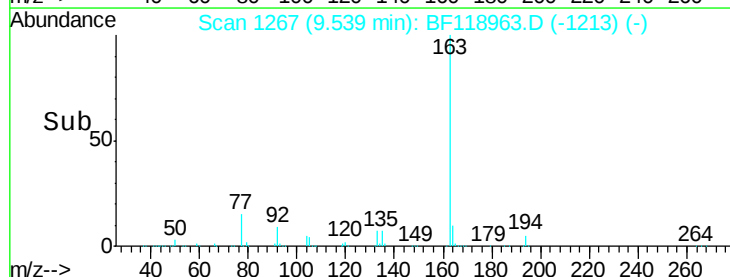
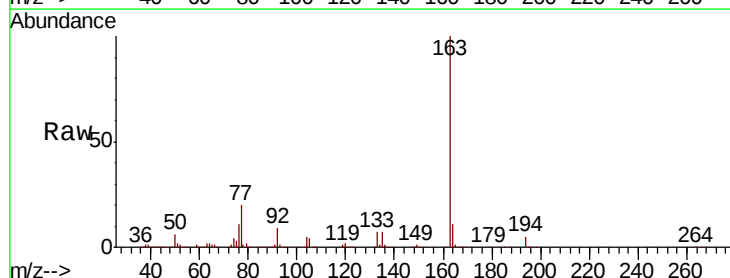
Tgt Ion:163 Resp: 2355487

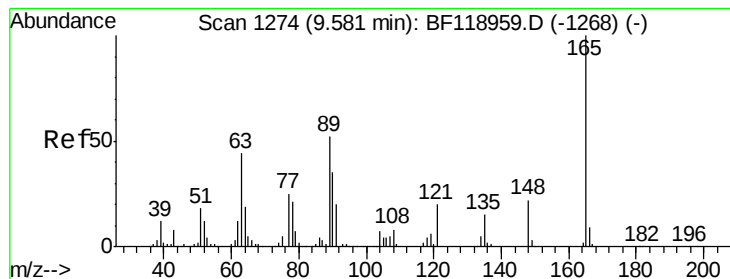
Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.2

164 10.5 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 94.906 ng

RT: 9.60 min Scan# 1277

Delta R.T. 0.02 min

Lab File: BF118963.D

Acq: 20 Feb 2020 16:34

Instrument :

BNA_F

ClientSampleId :

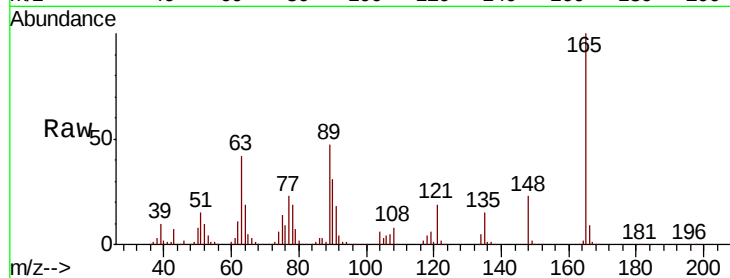
Tot Ion:165 Resp: 528037

Ion Ratio Lower Upper

165 100

63 42.0 37.9 56.9

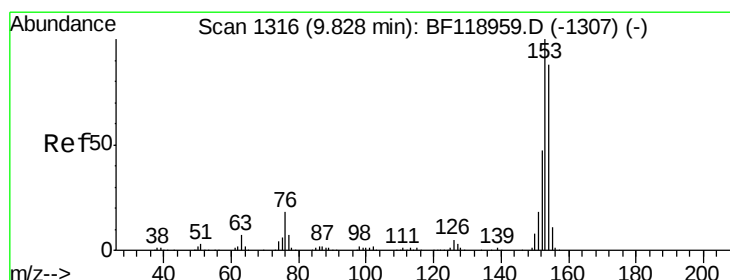
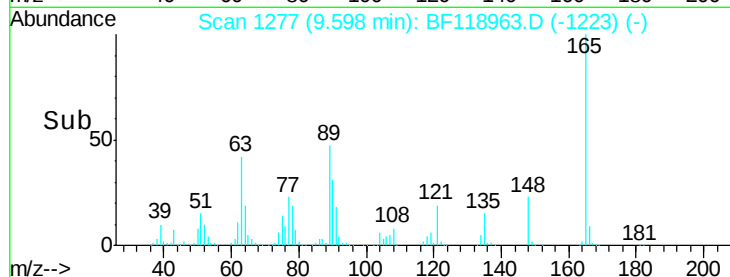
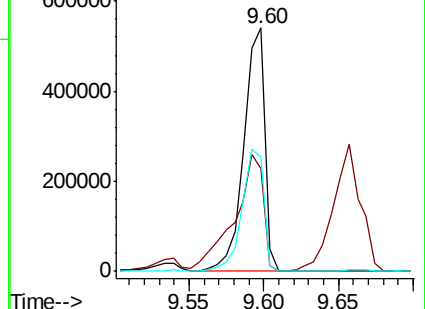
89 47.1 41.4 62.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 89.632 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.01 min

Lab File: BF118963.D

Acq: 20 Feb 2020 16:34

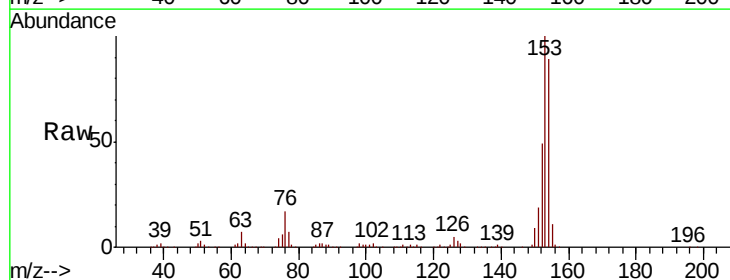
Tgt Ion:154 Resp: 1639968

Ion Ratio Lower Upper

154 100

153 112.2 90.4 135.6

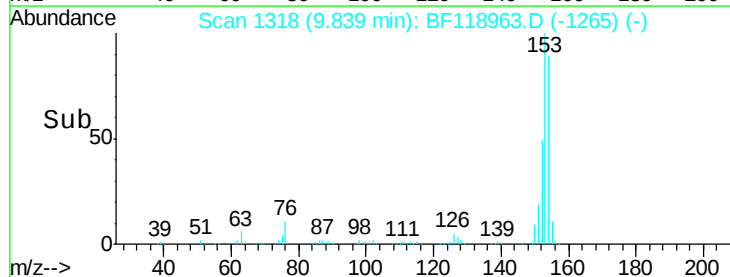
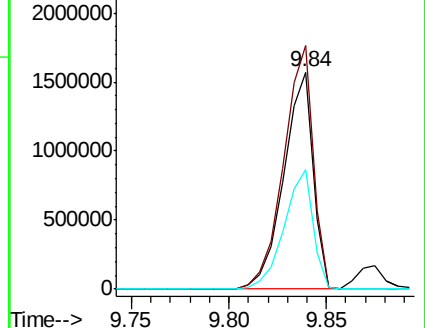
152 55.1 42.9 64.3

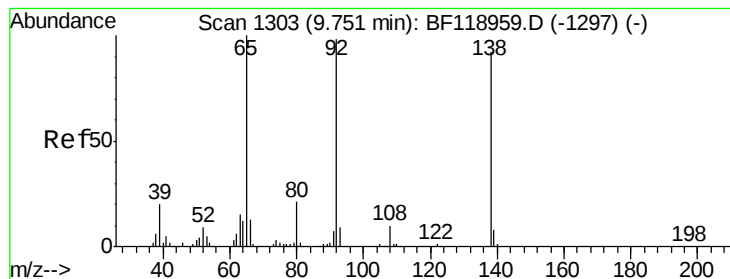


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 94.979 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.02 min

Lab File: BF118963.D

Acq: 20 Feb 2020 16:34

Instrument :

BNA_F

ClientSampleId :

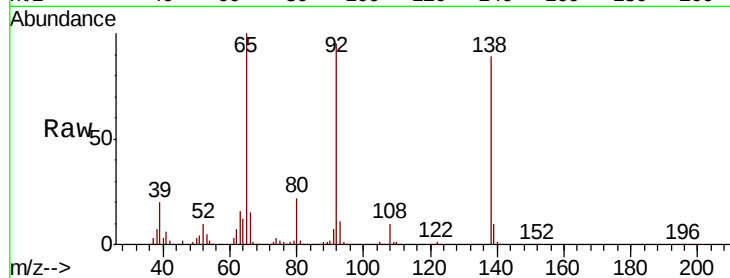
Tot Ion:138 Resp: 581587

Ion Ratio Lower Upper

138 100

108 11.2 8.6 13.0

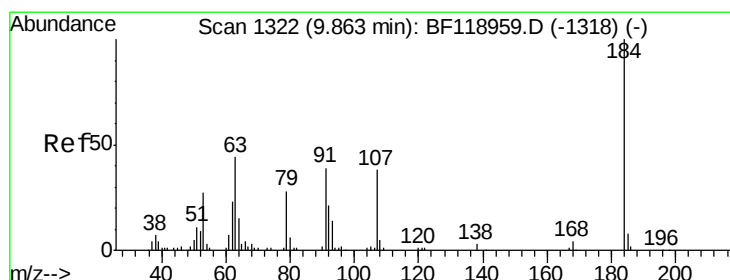
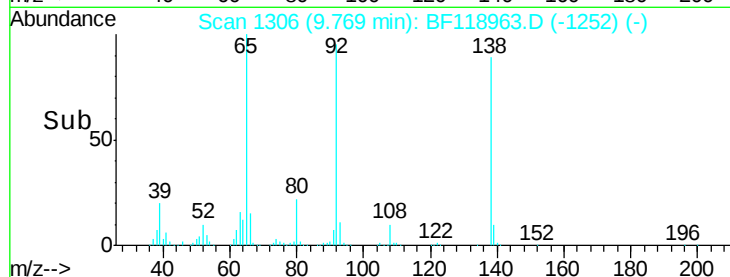
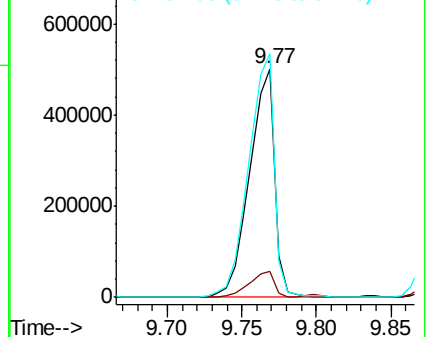
92 106.5 84.6 127.0



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: 112.763 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.01 min

Lab File: BF118963.D

Acq: 20 Feb 2020 16:34

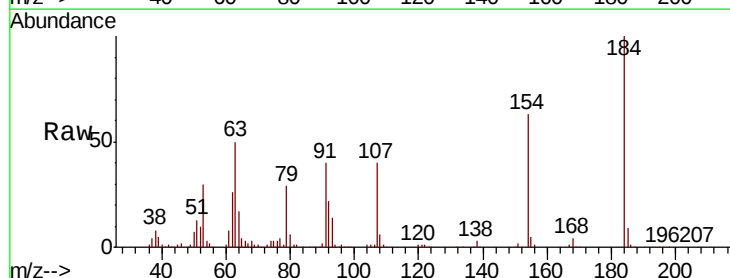
Tgt Ion:184 Resp: 279057

Ion Ratio Lower Upper

184 100

63 49.9 37.8 56.6

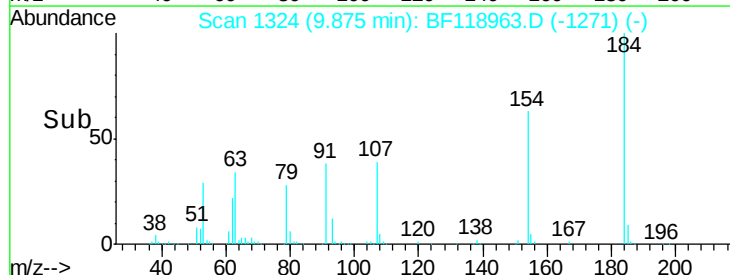
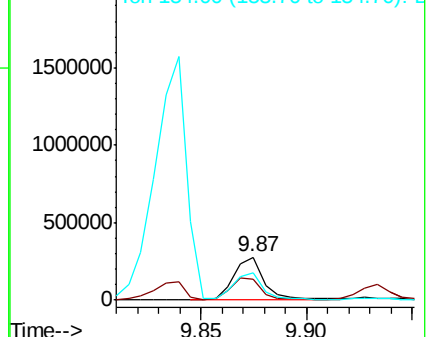
154 62.6 47.6 71.4

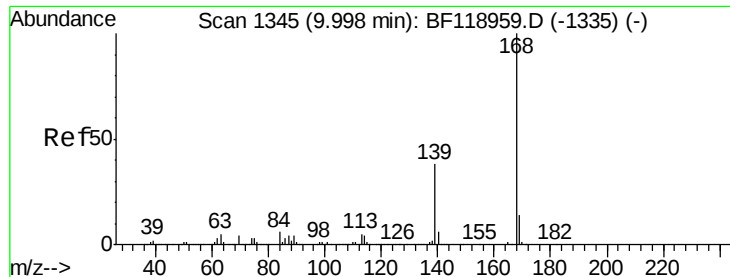


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

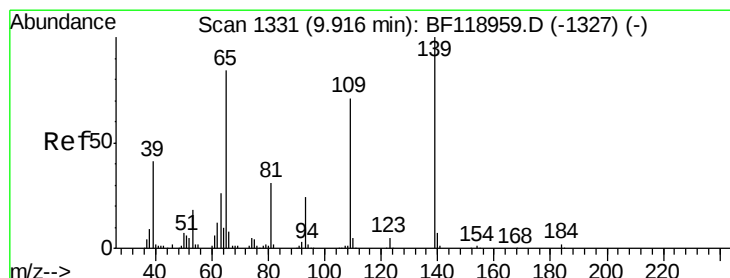
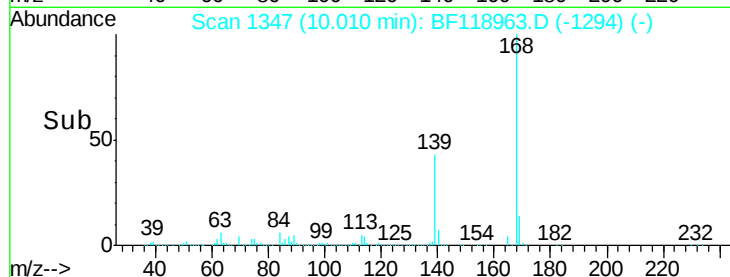
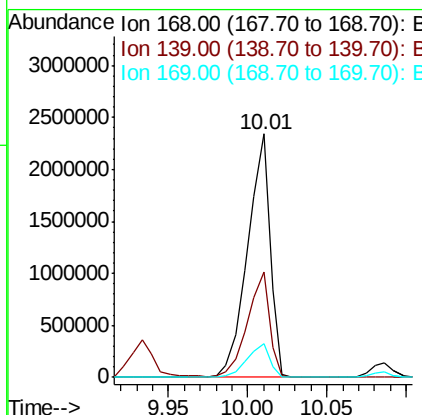
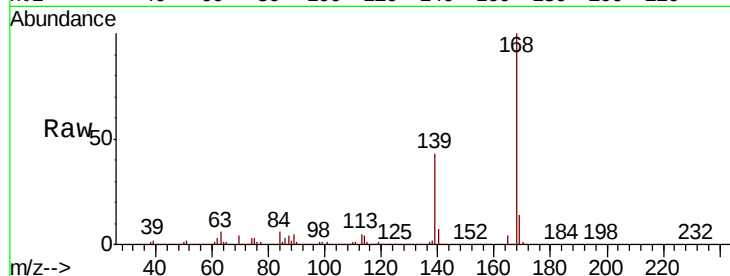




#55
Dibenzenofuran
Concen: 84.692 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF118963.D
Acq: 20 Feb 2020 16:34

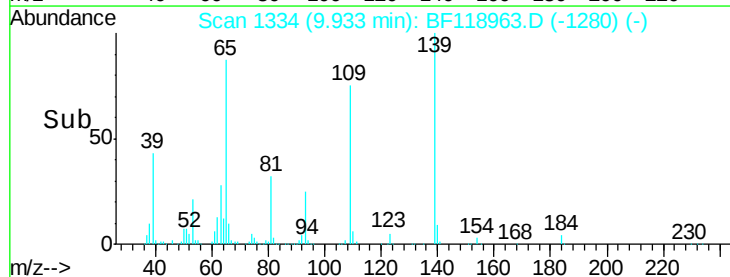
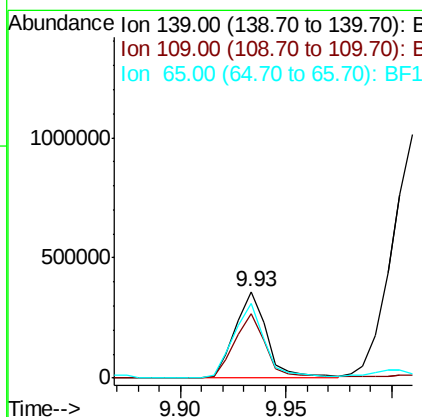
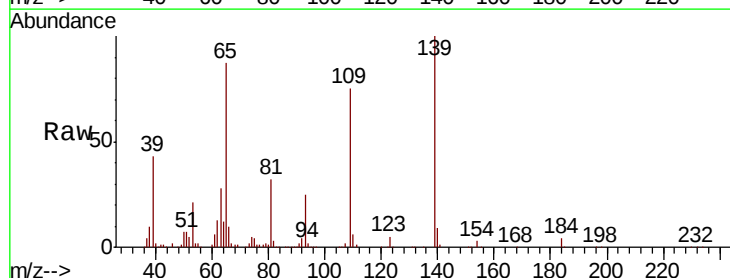
Instrument :
BNA_F
ClientSampleId :

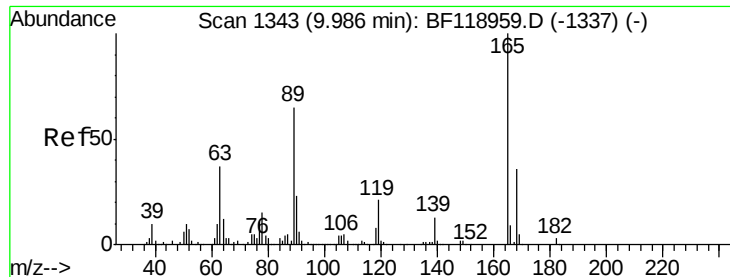
Tot Ion:168 Resp: 2313080
Ion Ratio Lower Upper
168 100
139 43.3 31.7 47.5
169 14.0 11.0 16.4



#56
4-Nitrophenol
Concen: 100.504 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.02 min
Lab File: BF118963.D
Acq: 20 Feb 2020 16:34

Tgt Ion:139 Resp: 379110
Ion Ratio Lower Upper
139 100
109 74.5 51.1 91.1
65 87.2 64.7 104.7

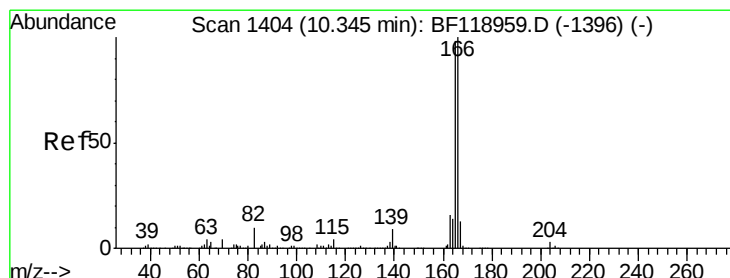
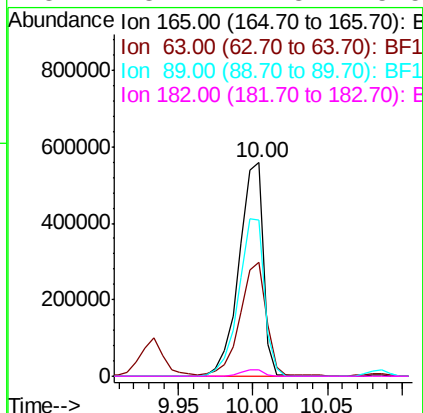
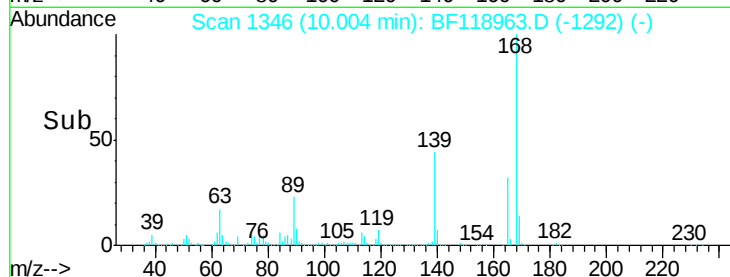
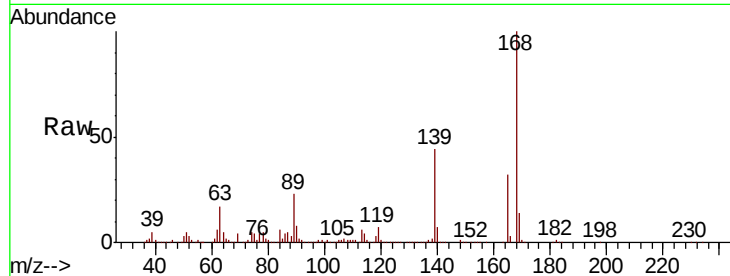




#57
2,4-Dinitrotoluene
Concen: 87.762 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.02 min
Lab File: BF118963.D
Acq: 20 Feb 2020 16:34

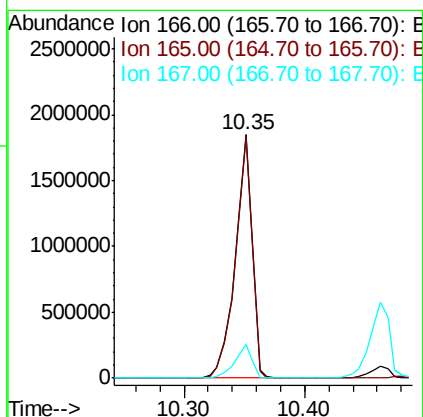
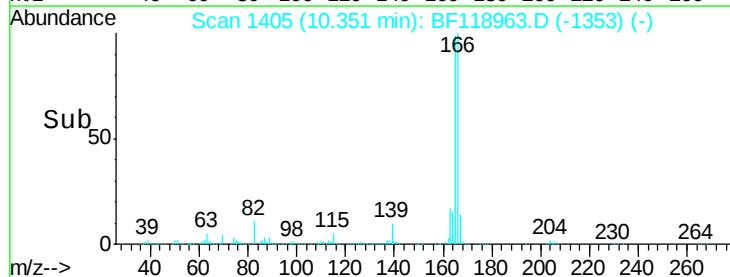
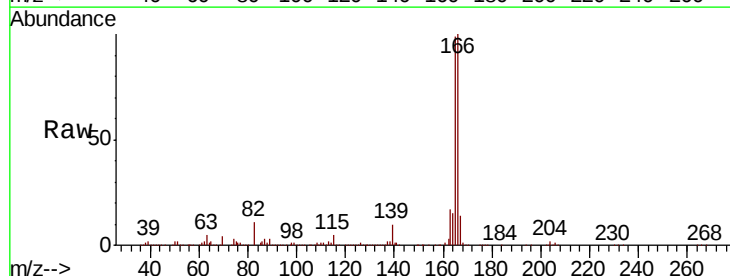
Instrument :
BNA_F
ClientSampleId :

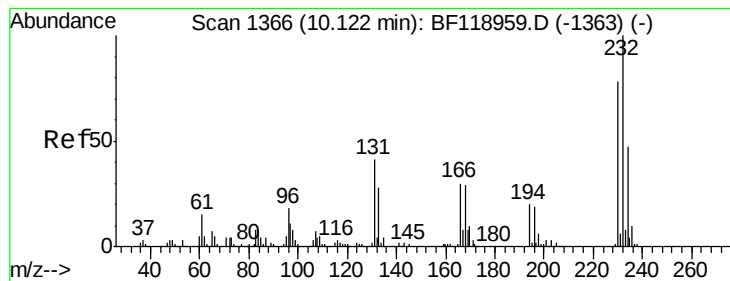
Tot Ion:165 Resp: 631648
Ion Ratio Lower Upper
165 100
63 53.4 29.8 44.8#
89 72.9 51.9 77.9
182 3.1 2.3 3.5



#58
Fluorene
Concen: 85.321 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.01 min
Lab File: BF118963.D
Acq: 20 Feb 2020 16:34

Tgt Ion:166 Resp: 1805968
Ion Ratio Lower Upper
166 100
165 99.1 78.2 117.4
167 13.8 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 94.389 ng

RT: 10.13 min Scan# 1367

Delta R.T. 0.01 min

Lab File: BF118963.D

Acq: 20 Feb 2020 16:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 587541

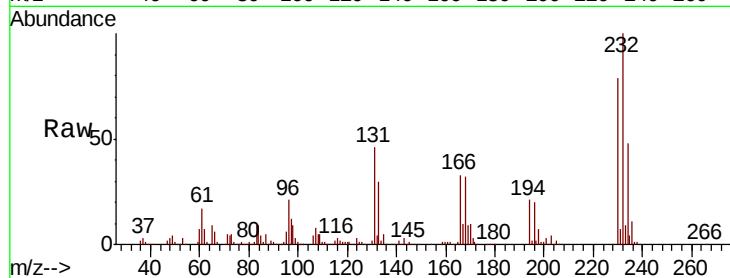
Ion Ratio Lower Upper

232 100

131 42.4 34.0 51.0

130 2.3 1.6 2.4

166 30.3 23.6 35.4

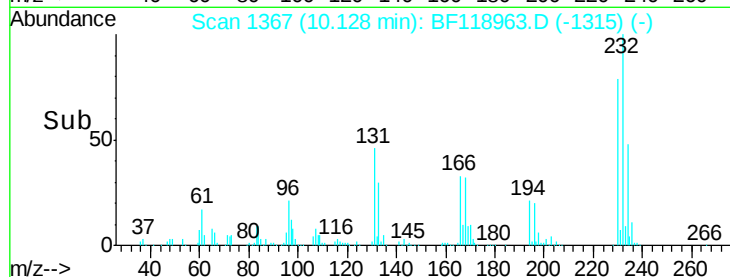


Abundance Ion 232.00 (231.70 to 232.70): E

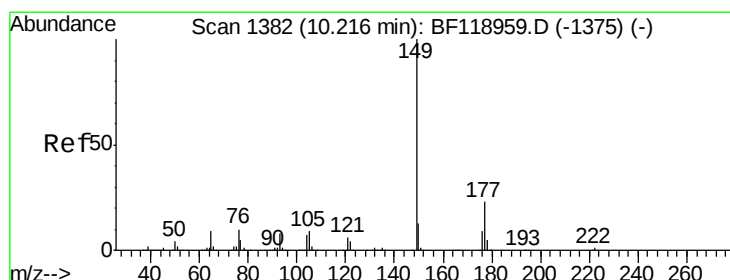
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->



#60

Diethylphthalate

Concen: 90.730 ng

RT: 10.23 min Scan# 1384

Delta R.T. 0.01 min

Lab File: BF118963.D

Acq: 20 Feb 2020 16:34

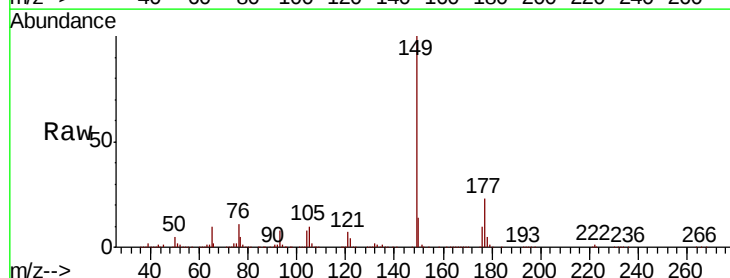
Tgt Ion:149 Resp: 2130599

Ion Ratio Lower Upper

149 100

177 23.4 18.1 27.1

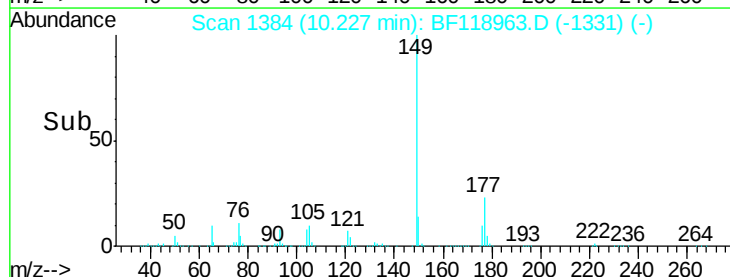
150 13.5 10.4 15.6



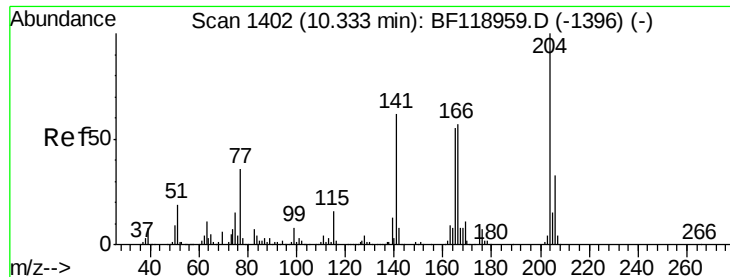
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



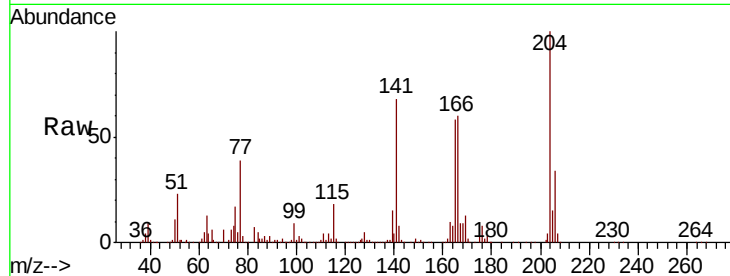
Time-->



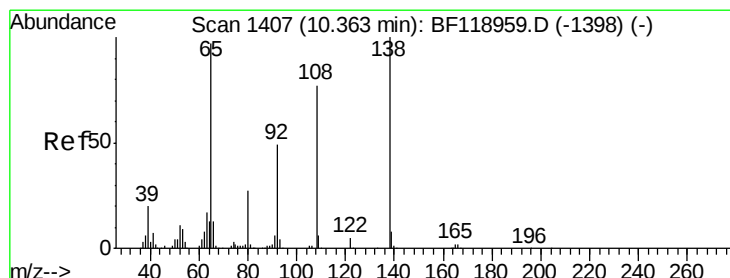
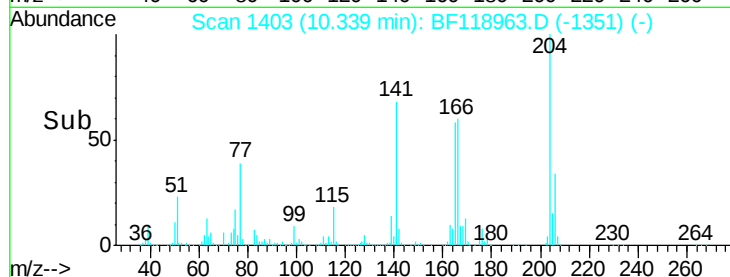
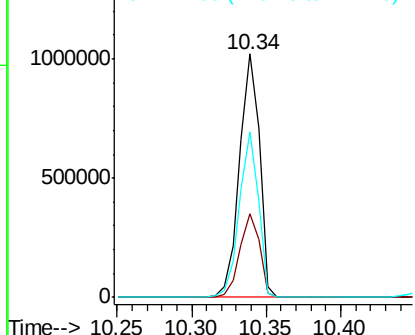
#61
4-Chlorophenyl-phenylether
Concen: 85.212 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BF118963.D
Acq: 20 Feb 2020 16:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 959759
Ion Ratio Lower Upper
204 100
206 34.4 26.5 39.7
141 68.2 49.5 74.3

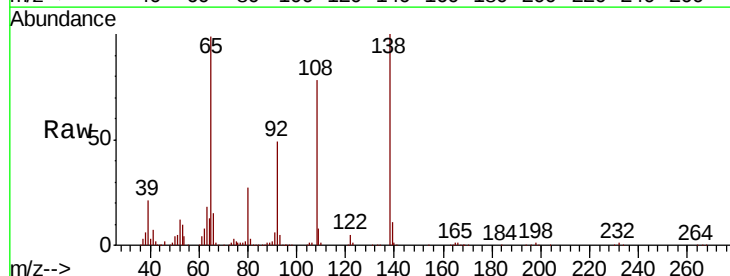


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

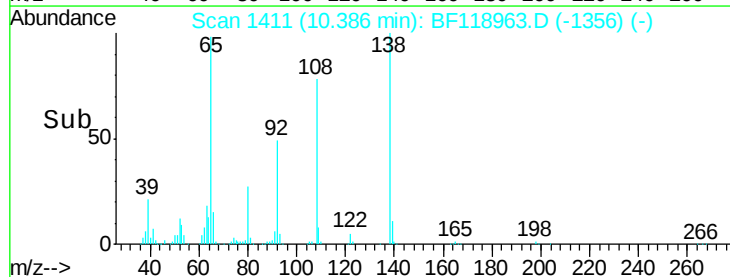
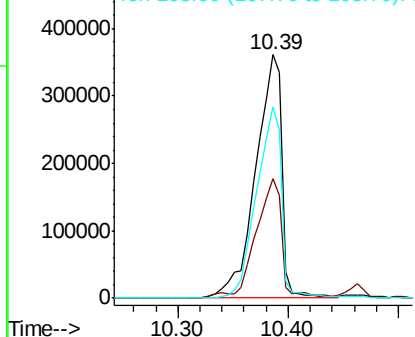


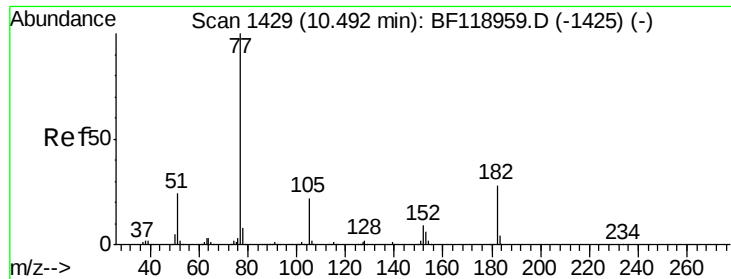
#62
4-Nitroaniline
Concen: 95.523 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.02 min
Lab File: BF118963.D
Acq: 20 Feb 2020 16:34

Tgt Ion:138 Resp: 602162
Ion Ratio Lower Upper
138 100
92 48.8 28.7 68.7
108 78.3 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

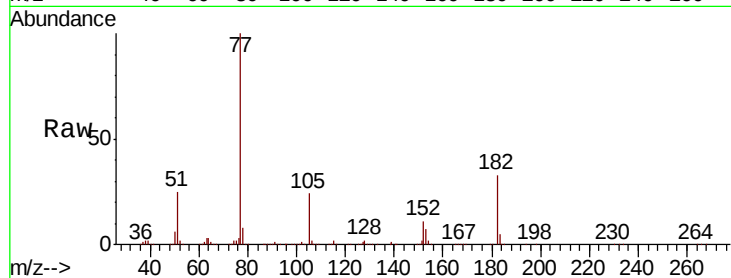




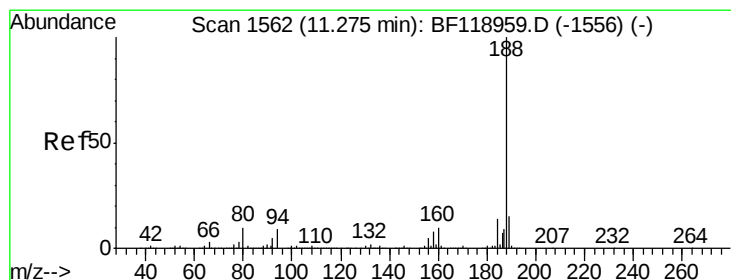
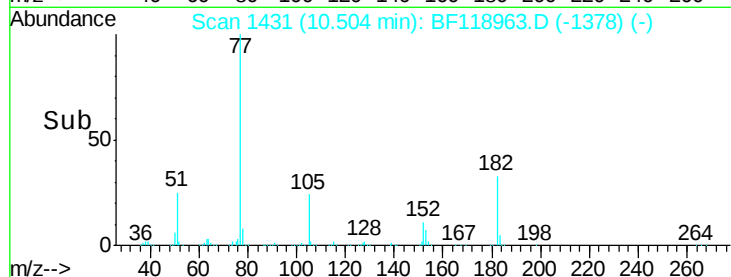
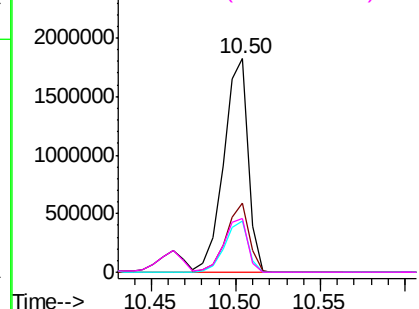
#63
Azobenzene
Concen: 88.343 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF118963.D
Acq: 20 Feb 2020 16:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1824427
Ion Ratio Lower Upper
77 100
182 32.6 8.2 48.2
105 24.0 2.3 42.3
51 25.5 3.6 43.6

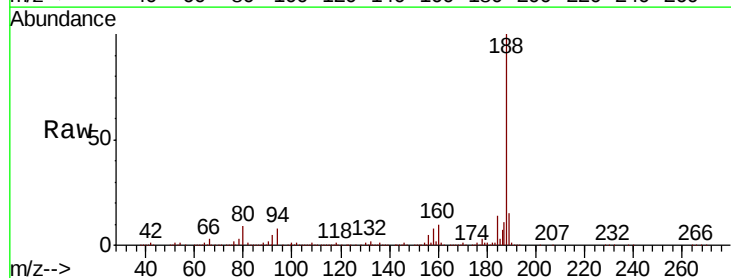


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

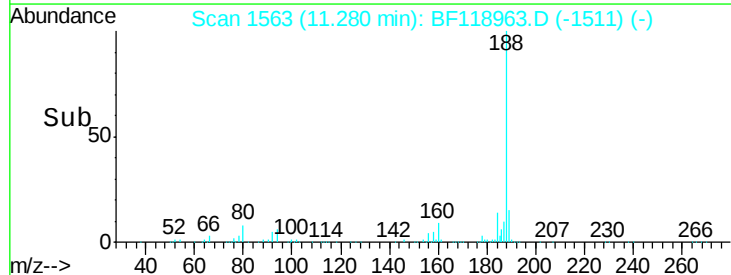
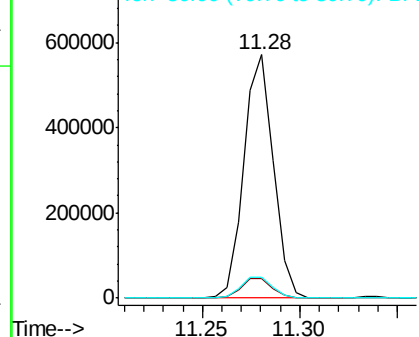


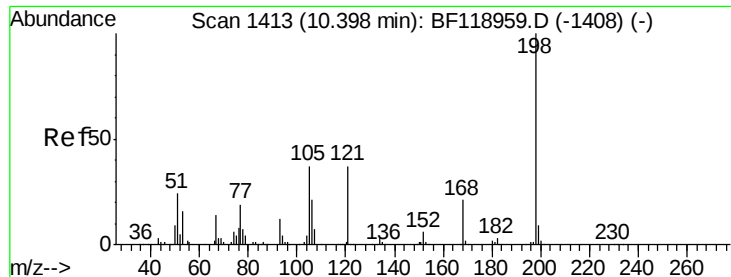
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.28 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BF118963.D
Acq: 20 Feb 2020 16:34

Tgt Ion: 188 Resp: 598109
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.6
80 8.7 7.9 11.9



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





#65

4,6-Dinitro-2-methylphenol

Concen: 102.676 ng

RT: 10.42 min Scan# 1416

Delta R.T. 0.02 min

Lab File: BF118963.D

Acq: 20 Feb 2020 16:34

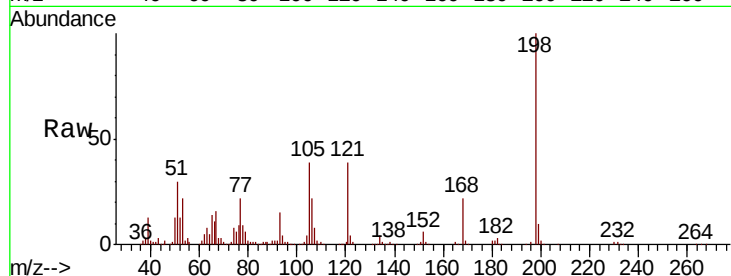
Instrument :

BNA_F

ClientSampleId :

Tot Ion:198 Resp: 378473

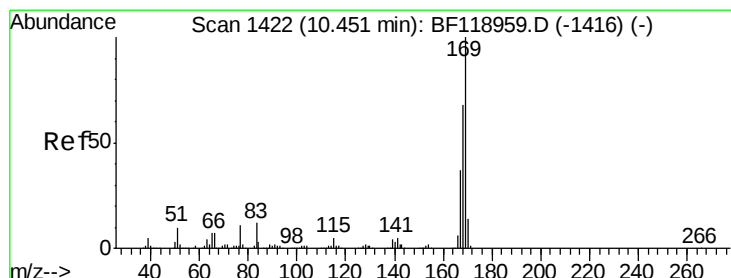
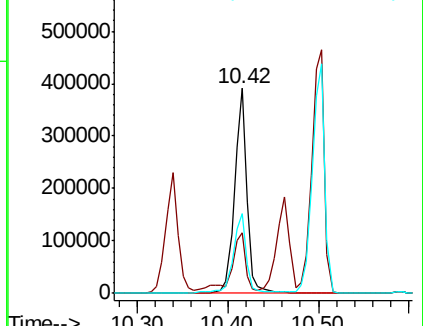
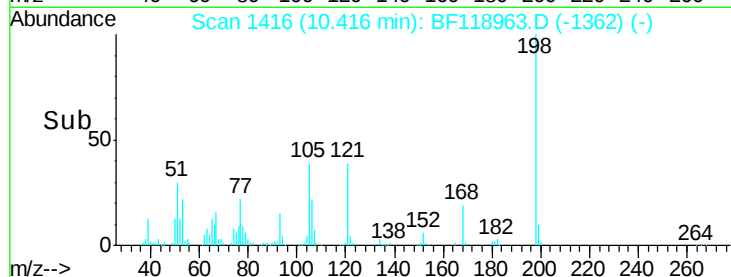
Ion	Ratio	Lower	Upper
198	100		
51	29.8	7.1	47.1
105	38.8	18.3	58.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 93.056 ng

RT: 10.46 min Scan# 1424

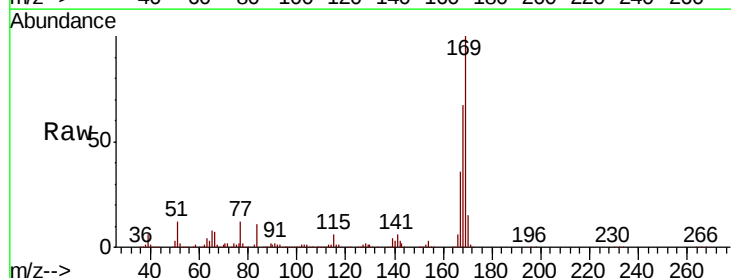
Delta R.T. 0.01 min

Lab File: BF118963.D

Acq: 20 Feb 2020 16:34

Tgt Ion:169 Resp: 1762637

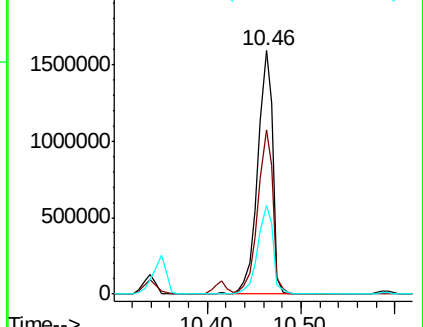
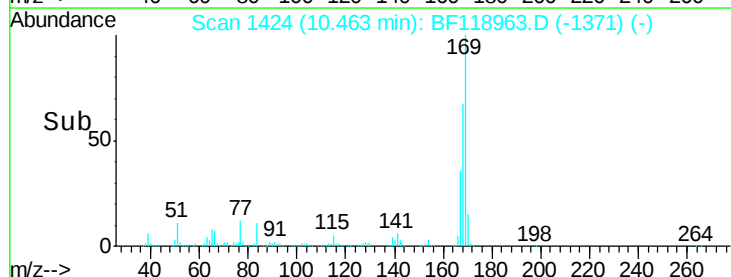
Ion	Ratio	Lower	Upper
169	100		
168	67.2	54.2	81.2
167	36.4	29.4	44.2

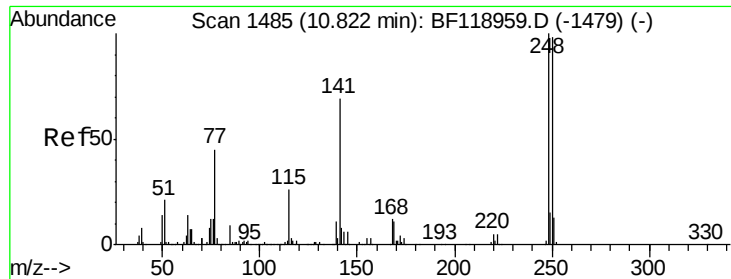


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

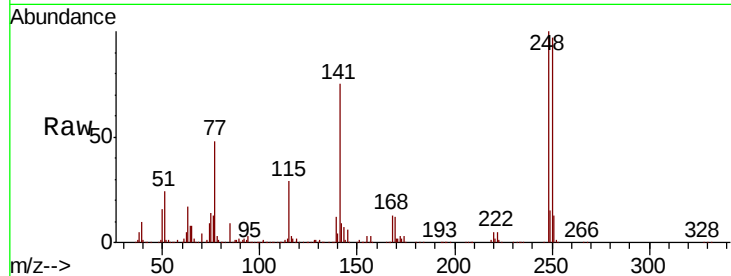




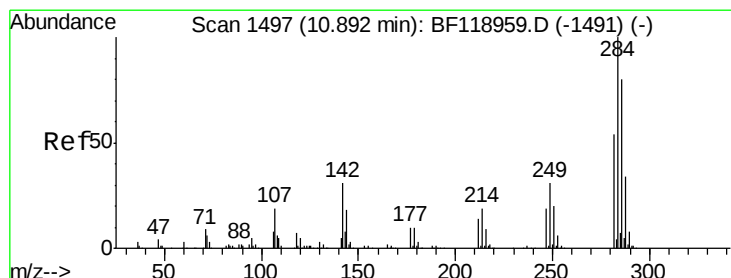
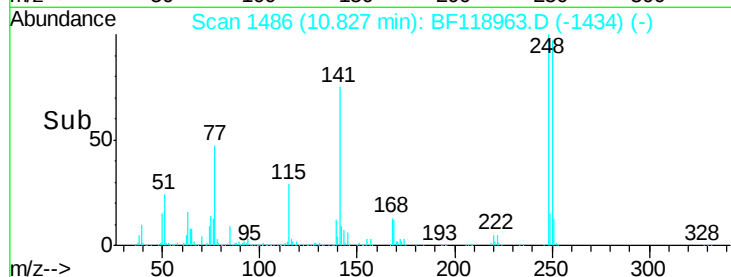
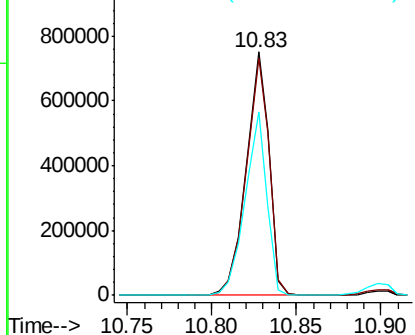
#67
 4-Bromophenyl-phenylether
 Concen: 92.864 ng
 RT: 10.83 min Scan# 1486
 Delta R.T. 0.01 min
 Lab File: BF118963.D
 Acq: 20 Feb 2020 16:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	78.8	118.2
141	75.5	55.3	82.9

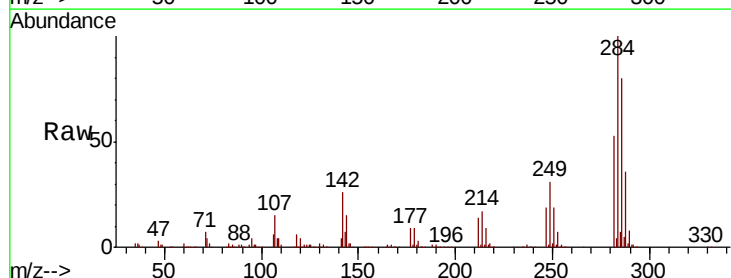


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

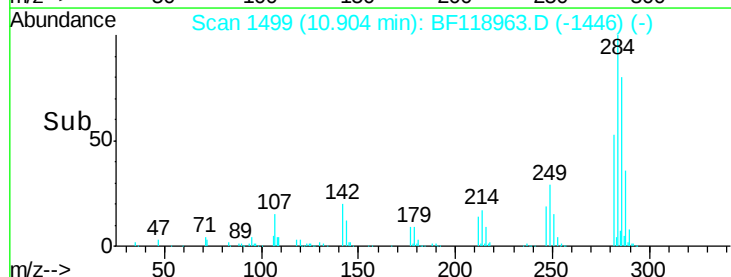
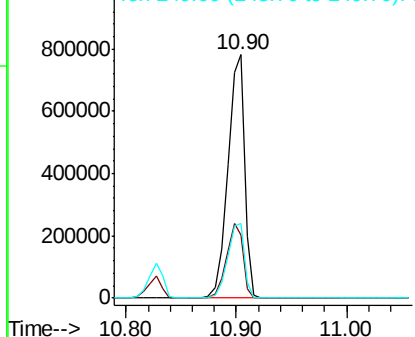


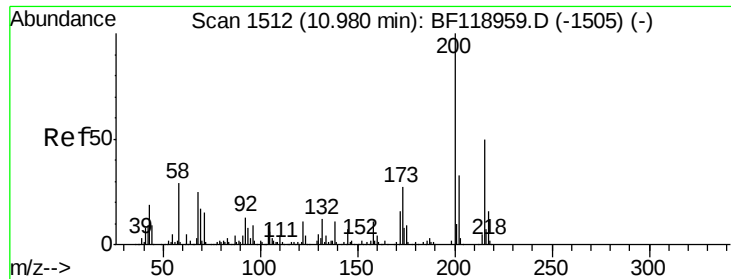
#68
 Hexachlorobenzene
 Concen: 94.162 ng
 RT: 10.90 min Scan# 1499
 Delta R.T. 0.01 min
 Lab File: BF118963.D
 Acq: 20 Feb 2020 16:34

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.2	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

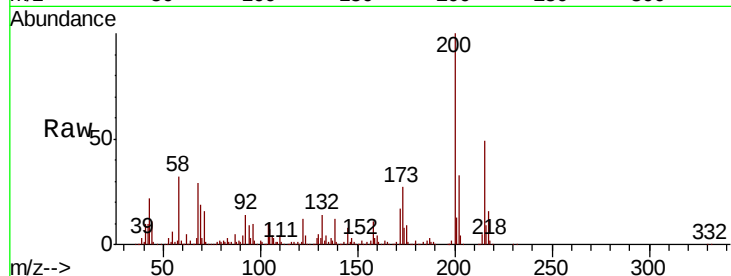




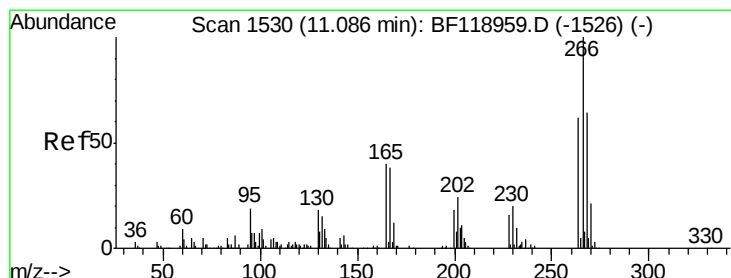
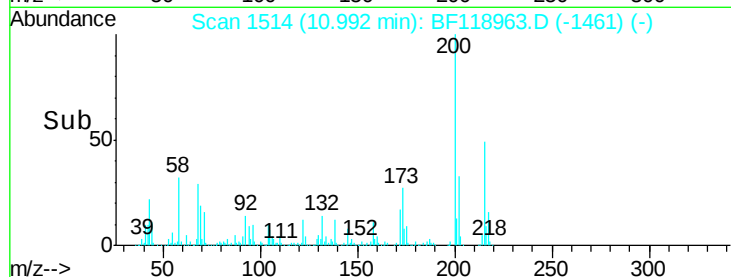
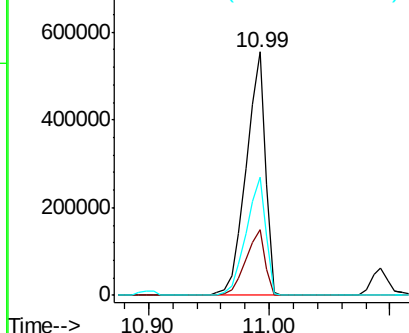
#69
Atrazine
Concen: 97.624 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.01 min
Lab File: BF118963.D
Acq: 20 Feb 2020 16:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.1	6.9	46.9
215	48.5	29.7	69.7

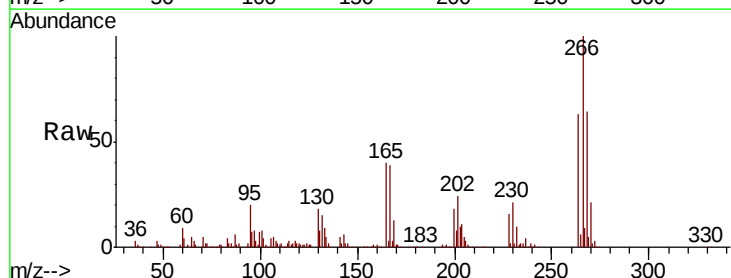


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

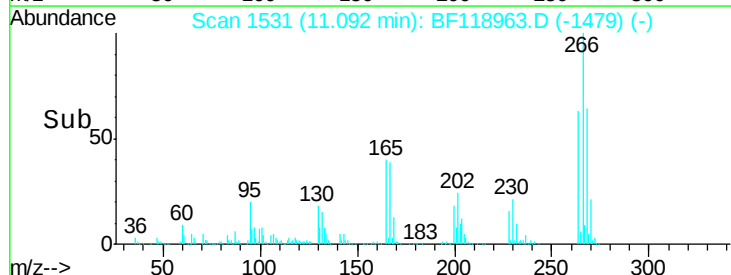
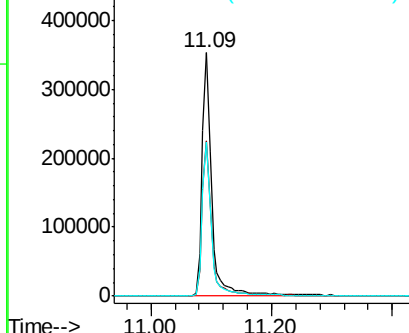


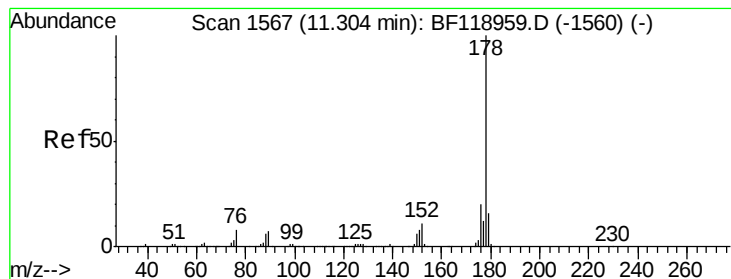
#70
Pentachlorophenol
Concen: 106.084 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.01 min
Lab File: BF118963.D
Acq: 20 Feb 2020 16:34

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.4	77.0
264	63.1	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: 88.799 ng

RT: 11.31 min Scan# 1568

Delta R.T. 0.01 min

Lab File: BF118963.D

Acq: 20 Feb 2020 16:34

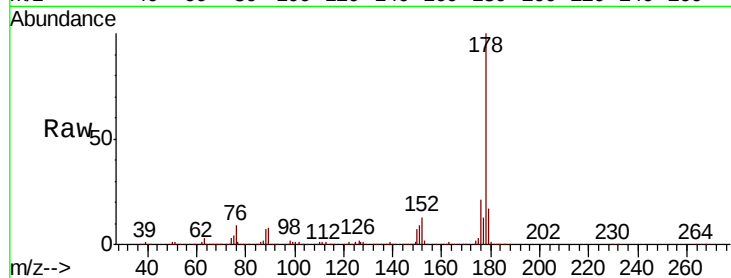
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 2788917

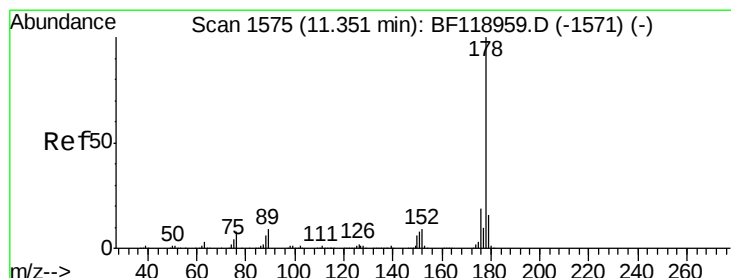
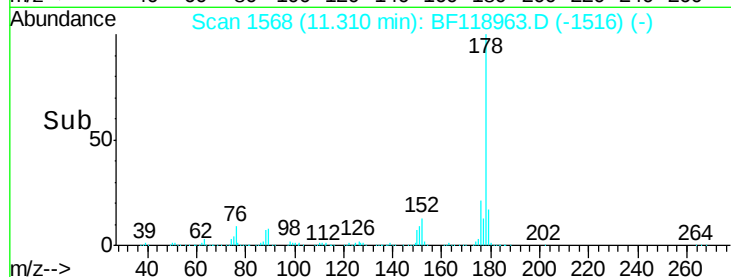
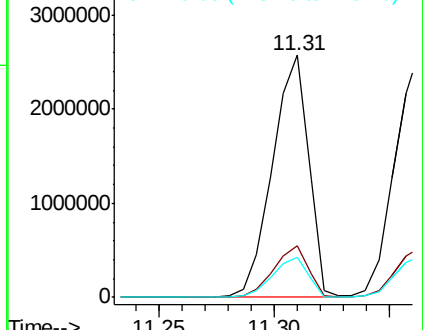
Ion	Ratio	Lower	Upper
178	100		
176	21.2	15.6	23.4
179	16.8	12.6	18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 88.009 ng

RT: 11.36 min Scan# 1577

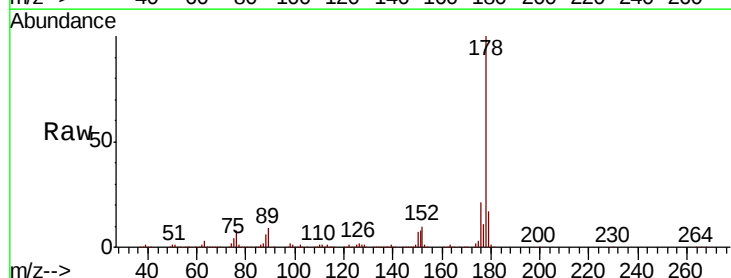
Delta R.T. 0.01 min

Lab File: BF118963.D

Acq: 20 Feb 2020 16:34

Tgt Ion:178 Resp: 2765570

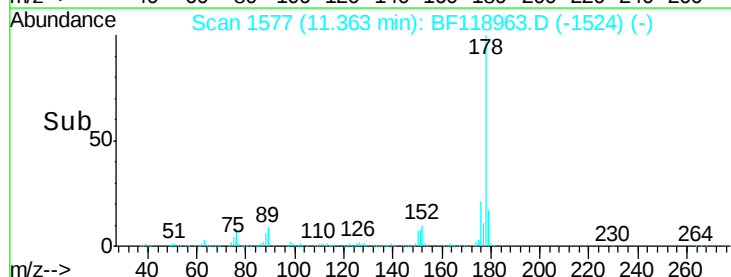
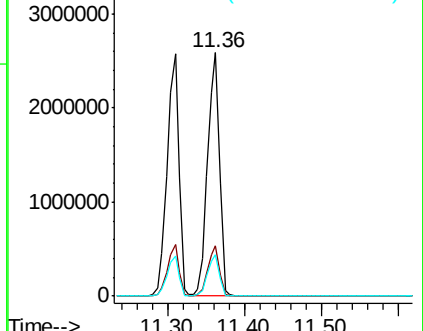
Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.4	23.2
179	16.8	12.8	19.2

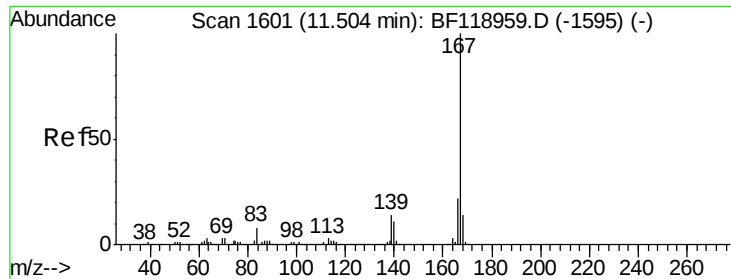


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 88.971 ng

RT: 11.52 min Scan# 1603

Delta R.T. 0.01 min

Lab File: BF118963.D

Acq: 20 Feb 2020 16:34

Instrument :

BNA_F

ClientSampleId :

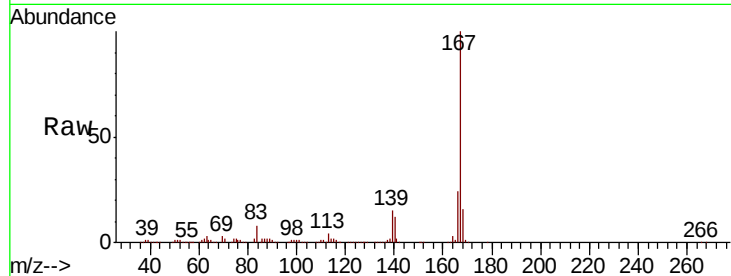
Tot Ion:167 Resp: 2505894

Ion Ratio Lower Upper

167 100

166 23.5 17.8 26.6

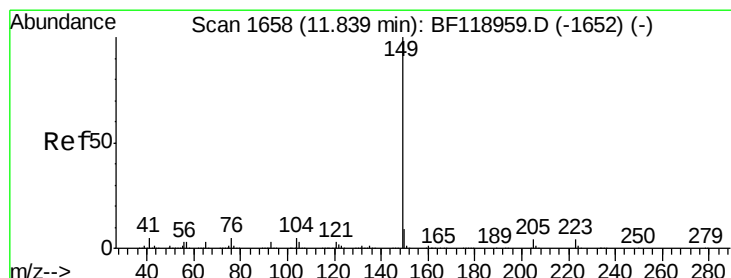
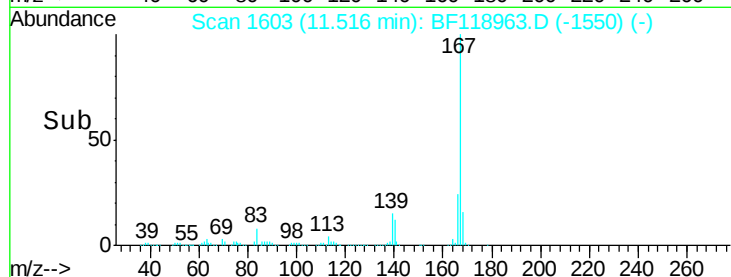
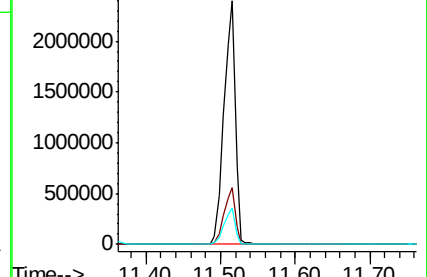
139 15.1 11.2 16.8



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: 83.002 ng

RT: 11.85 min Scan# 1659

Delta R.T. 0.01 min

Lab File: BF118963.D

Acq: 20 Feb 2020 16:34

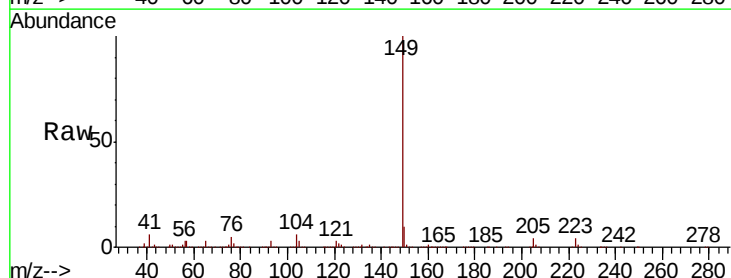
Tgt Ion:149 Resp: 2966198

Ion Ratio Lower Upper

149 100

150 10.3 7.5 11.3

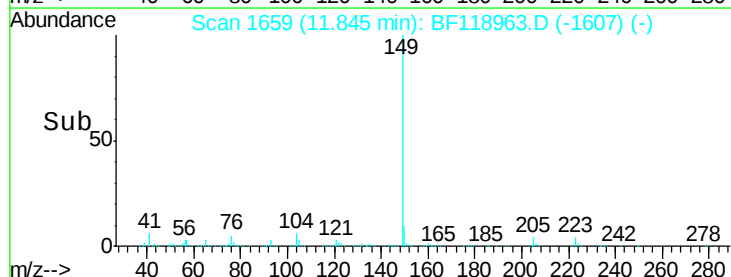
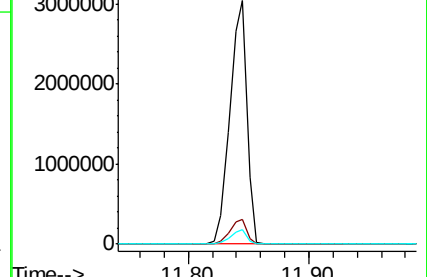
104 5.8 4.0 6.0



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: 83.948 ng

RT: 12.49 min Scan# 1769

Delta R.T. 0.01 min

Lab File: BF118963.D

Acq: 20 Feb 2020 16:34

Instrument :

BNA_F

ClientSampleId :

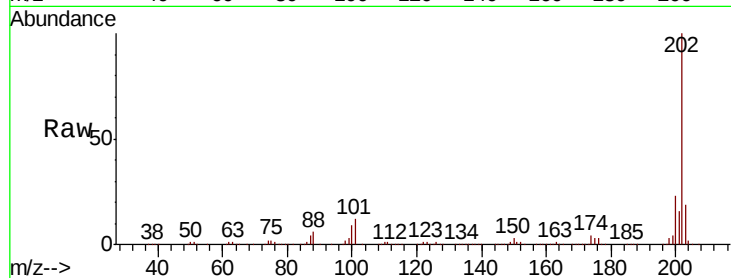
Tot Ion:202 Resp: 2936997

Ion Ratio Lower Upper

202 100

101 11.6 0.0 31.1

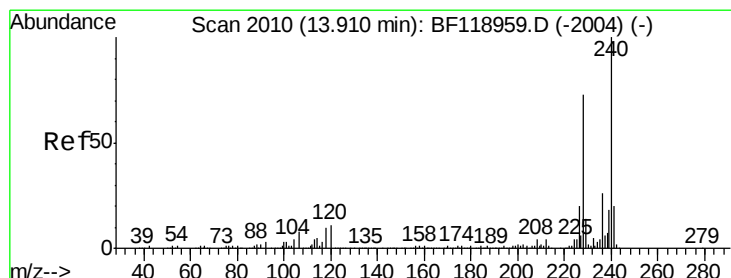
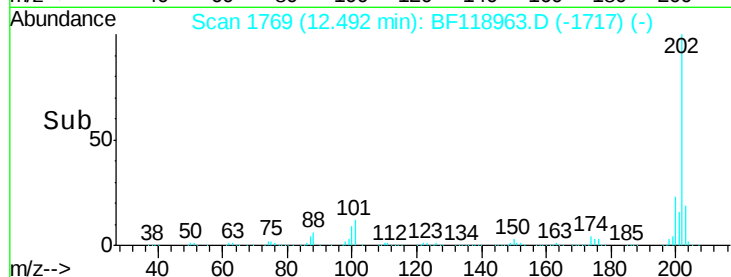
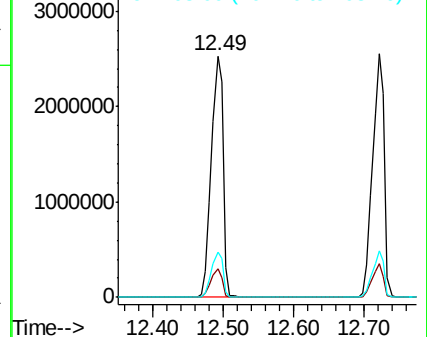
203 19.0 0.0 38.1



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: BF118963.D

Acq: 20 Feb 2020 16:34

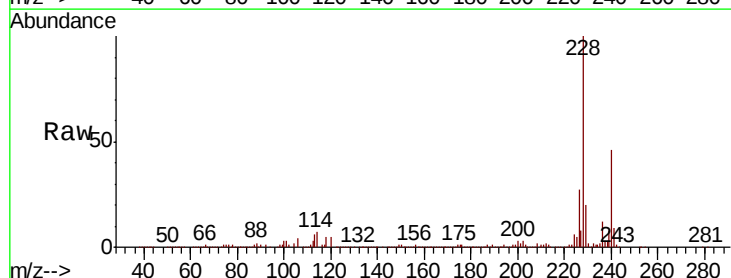
Tgt Ion:240 Resp: 382657

Ion Ratio Lower Upper

240 100

120 11.1 8.9 13.3

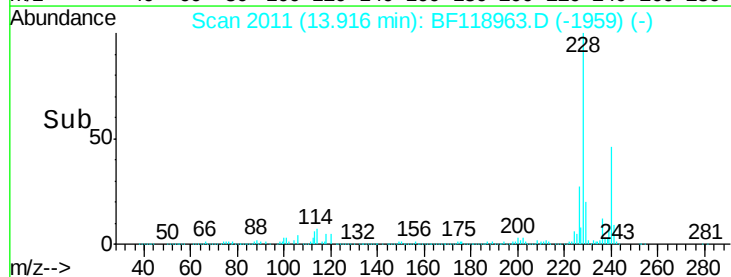
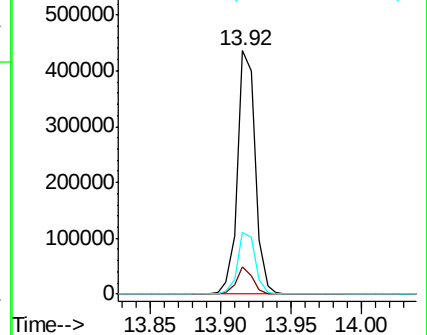
236 25.6 20.6 30.8



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: 105.265 ng

RT: 12.61 min Scan# 1789

Delta R.T. 0.01 min

Lab File: BF118963.D

Acq: 20 Feb 2020 16:34

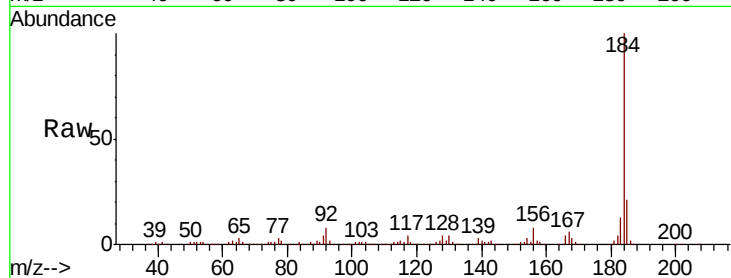
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 1289595

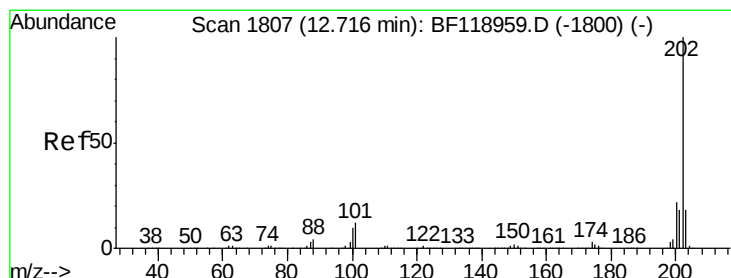
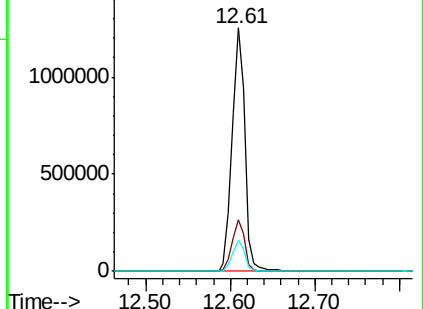
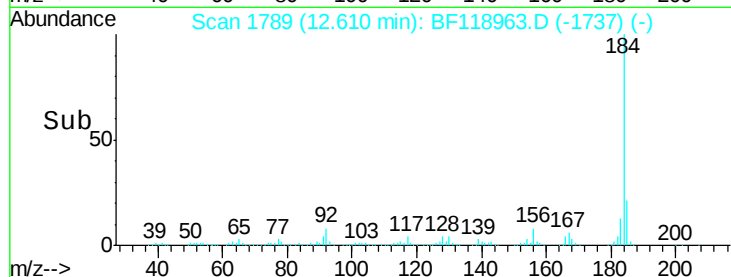
Ion	Ratio	Lower	Upper
184	100		
185	21.1	12.6	19.0#
183	12.5	9.9	14.9



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: 106.196 ng

RT: 12.72 min Scan# 1808

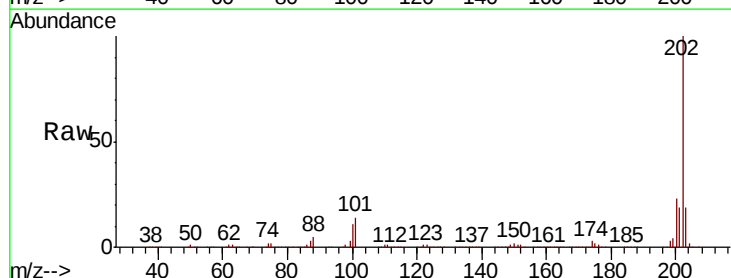
Delta R.T. 0.01 min

Lab File: BF118963.D

Acq: 20 Feb 2020 16:34

Tgt Ion:202 Resp: 2932583

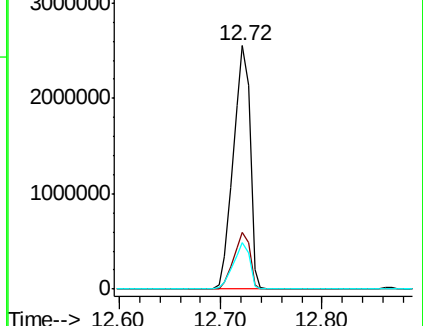
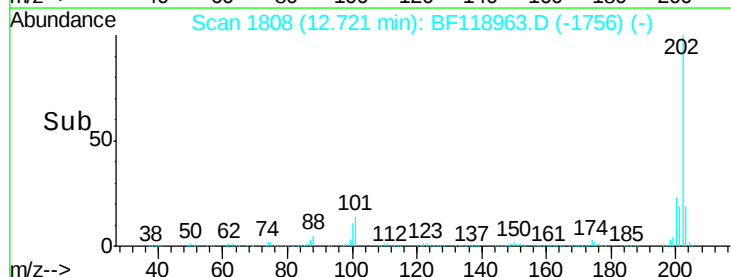
Ion	Ratio	Lower	Upper
202	100		
200	23.4	17.4	26.0
203	19.1	14.5	21.7

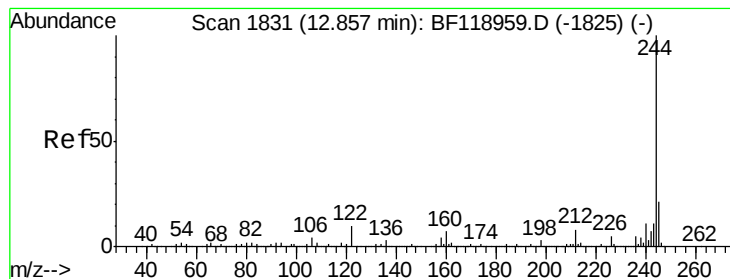


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 205.124 ng

RT: 12.87 min Scan# 1833

Delta R.T. 0.01 min

Lab File: BF118963.D

Acq: 20 Feb 2020 16:34

Instrument :

BNA_F

ClientSampleId :

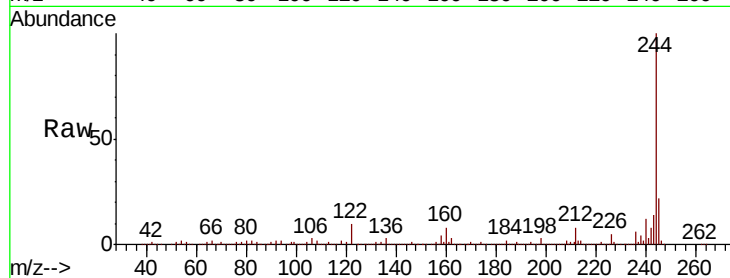
Tot Ion:244 Resp: 3988405

Ion Ratio Lower Upper

244 100

212 8.3 6.3 9.5

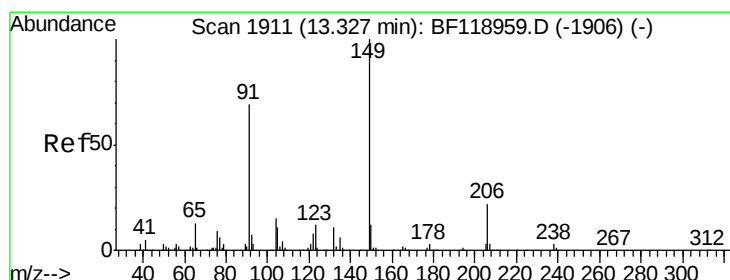
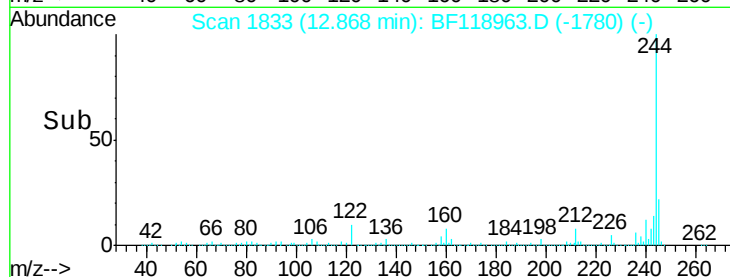
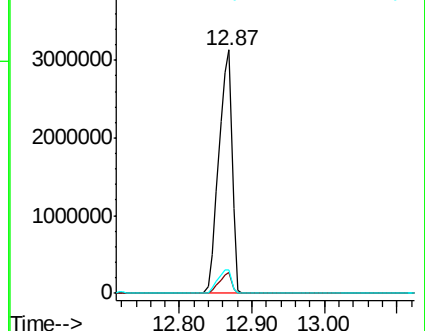
122 9.7 8.4 12.6



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: 108.286 ng

RT: 13.33 min Scan# 1912

Delta R.T. 0.01 min

Lab File: BF118963.D

Acq: 20 Feb 2020 16:34

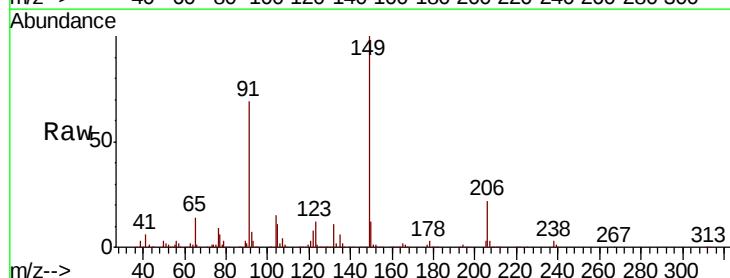
Tgt Ion:149 Resp: 1310354

Ion Ratio Lower Upper

149 100

91 69.4 55.4 83.2

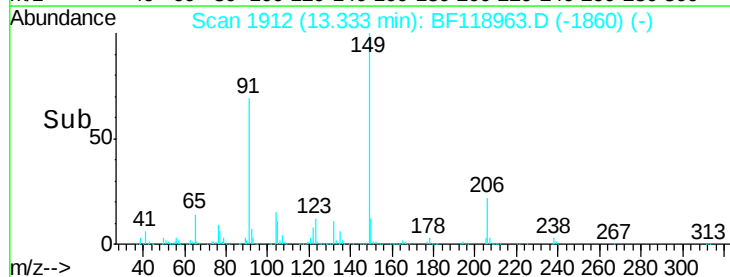
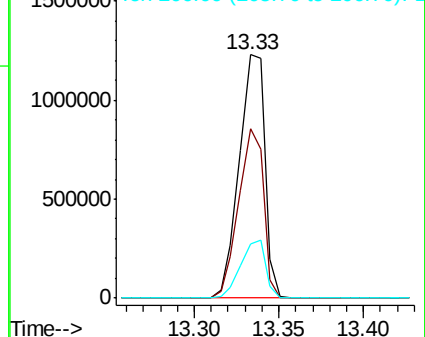
206 22.4 17.7 26.5

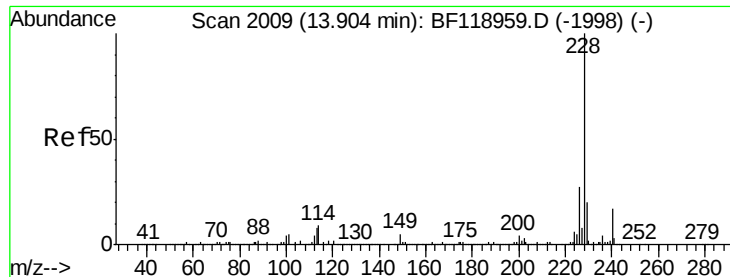


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 100.145 ng

RT: 13.91 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BF118963.D

Acq: 20 Feb 2020 16:34

Instrument :

BNA_F

ClientSampled :

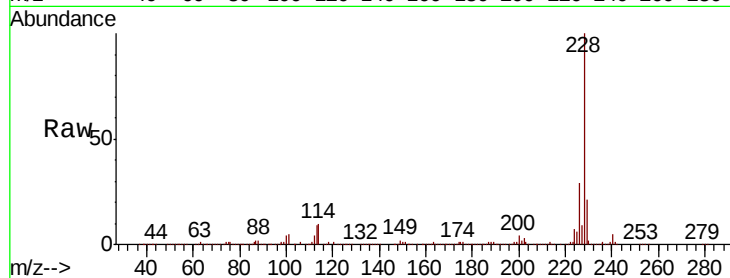
Tot Ion:228 Resp: 2348316

Ion	Ratio	Lower	Upper
228	100		
226	29.0	21.8	32.8
229	21.0	16.0	24.0

228 100

226 29.0 21.8 32.8

229 21.0 16.0 24.0

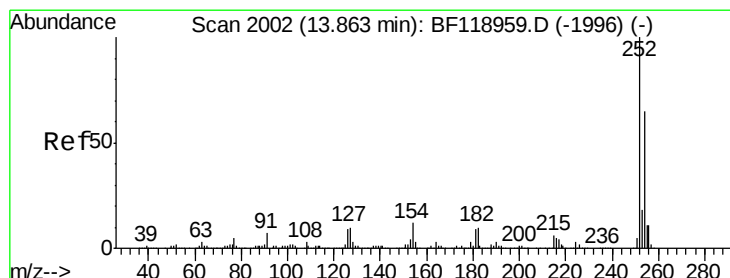
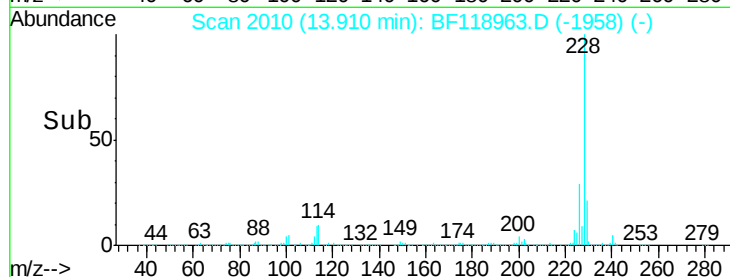
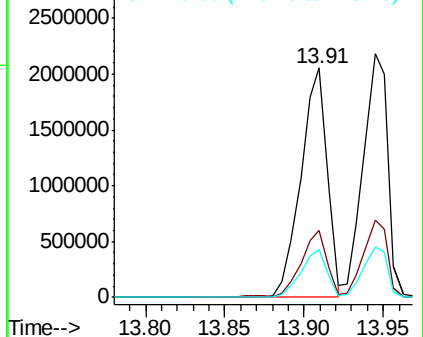


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 99.076 ng

RT: 13.87 min Scan# 2003

Delta R.T. 0.01 min

Lab File: BF118963.D

Acq: 20 Feb 2020 16:34

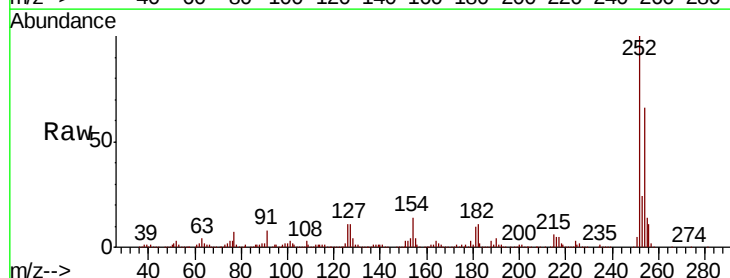
Tgt Ion:252 Resp: 904016

Ion	Ratio	Lower	Upper
252	100		
254	66.0	52.1	78.1
126	10.6	7.3	10.9

252 100

254 66.0 52.1 78.1

126 10.6 7.3 10.9

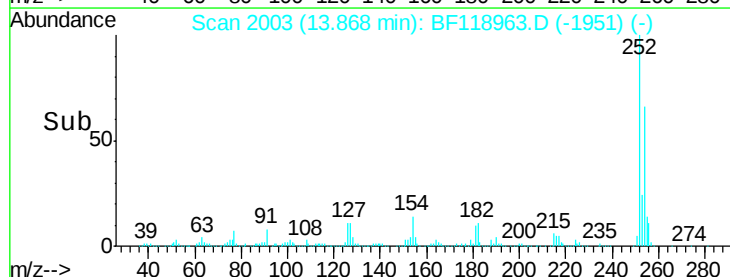
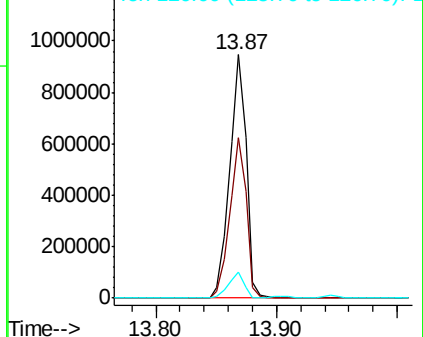


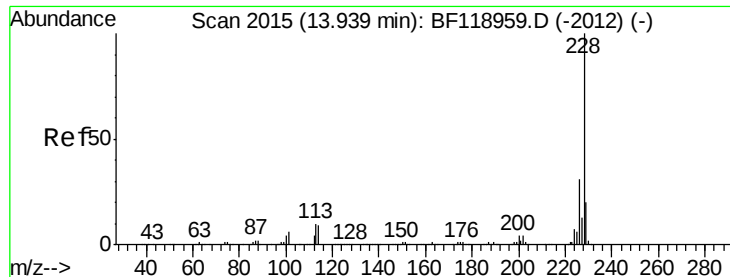
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 101.179 ng

RT: 13.94 min Scan# 2016

Delta R.T. 0.01 min

Lab File: BF118963.D

Acq: 20 Feb 2020 16:34

Instrument :

BNA_F

ClientSampleId :

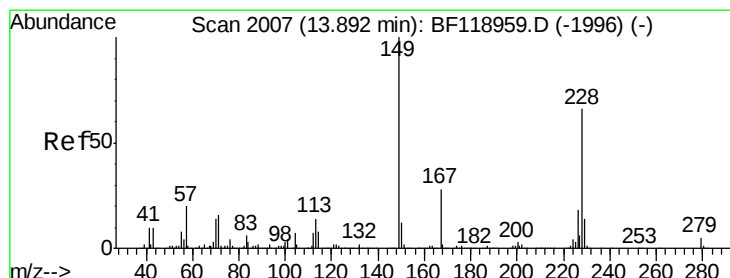
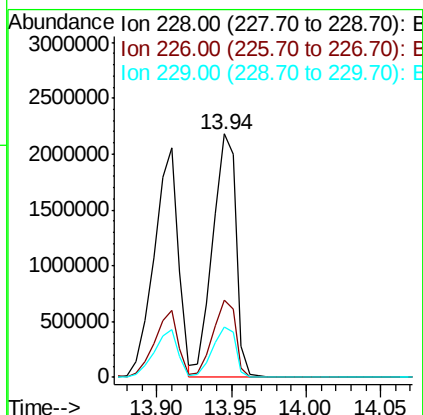
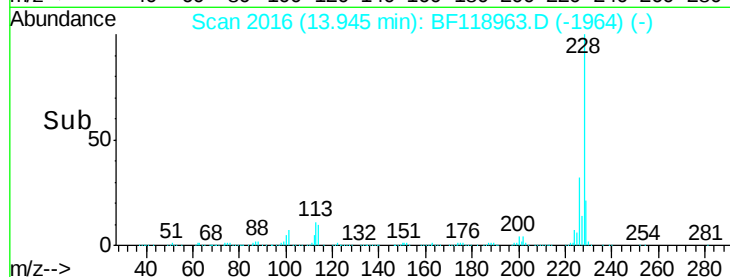
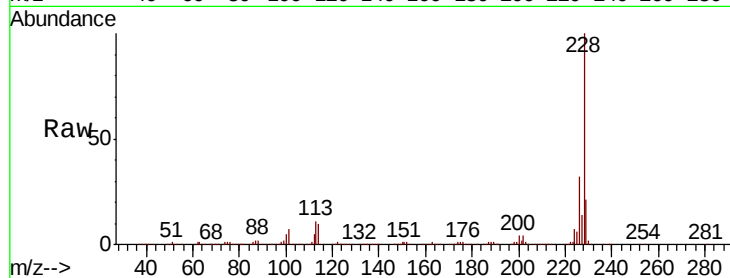
Tot Ion:228 Resp: 2378541

Ion Ratio Lower Upper

228 100

226 31.7 24.6 37.0

229 20.8 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 101.161 ng

RT: 13.90 min Scan# 2008

Delta R.T. 0.01 min

Lab File: BF118963.D

Acq: 20 Feb 2020 16:34

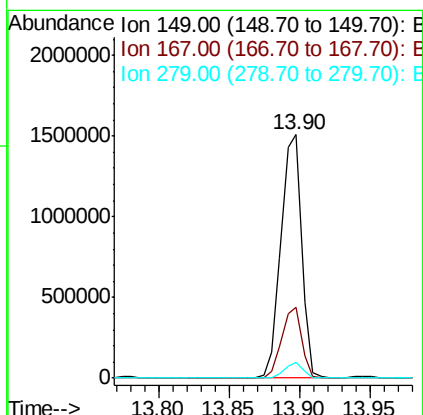
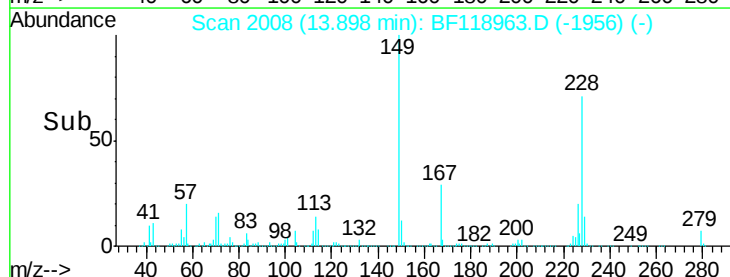
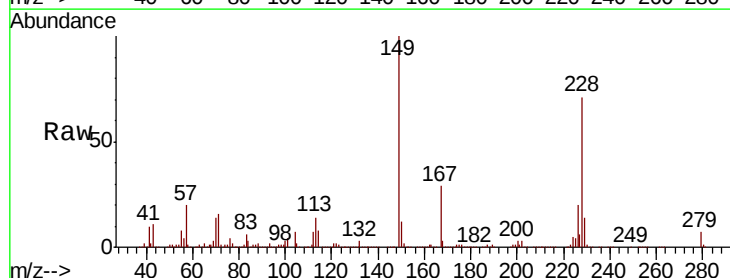
Tgt Ion:149 Resp: 1551188

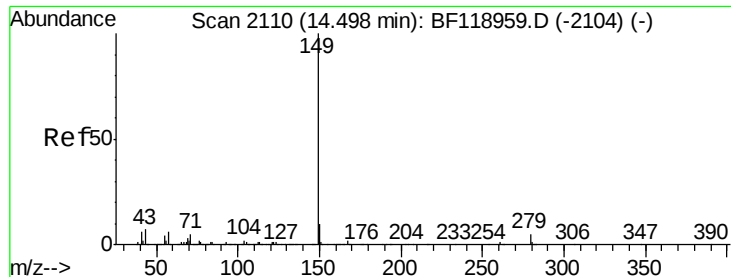
Ion Ratio Lower Upper

149 100

167 28.9 22.3 33.5

279 6.5 4.2 6.4#

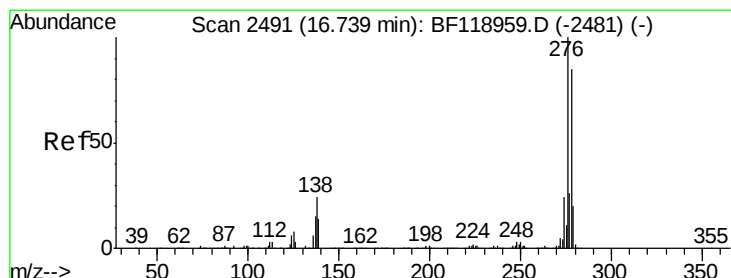
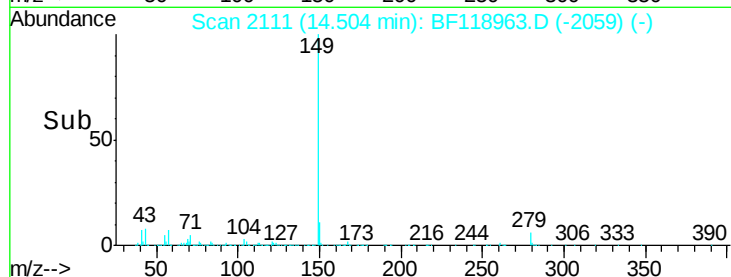
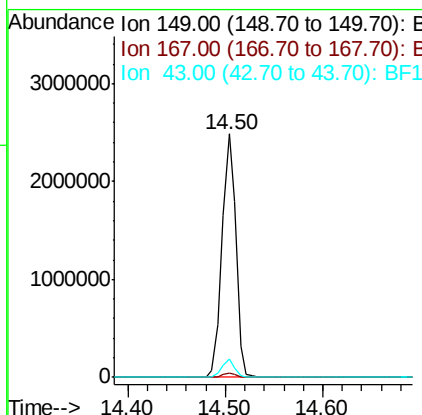
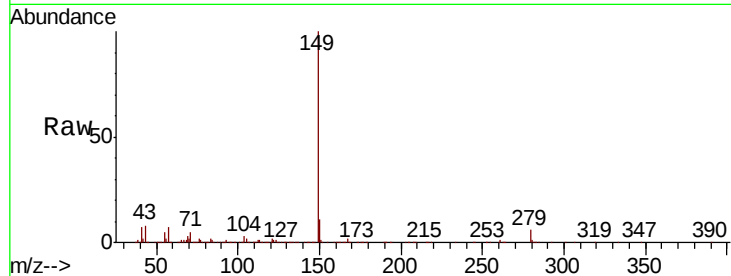




#85
 Di-n-octyl phthalate
 Concen: 99.224 ng
 RT: 14.50 min Scan# 2111
 Delta R.T. 0.01 min
 Lab File: BF118963.D
 Acq: 20 Feb 2020 16:34

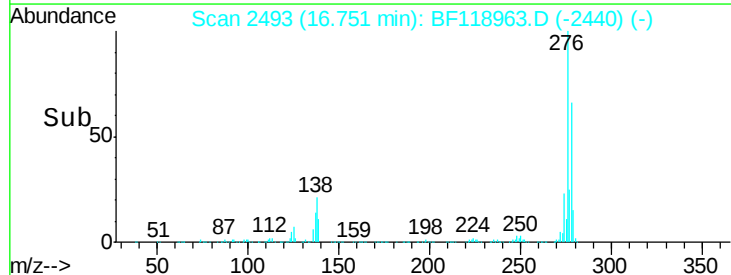
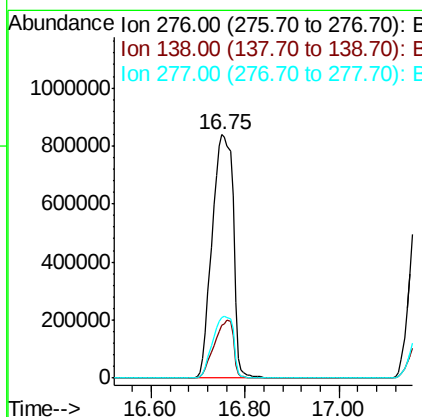
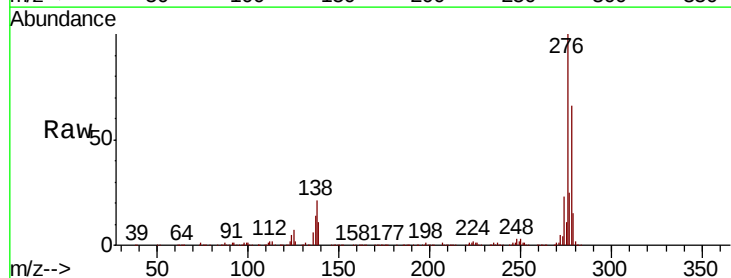
Instrument :
 BNA_F
 ClientSampleId :

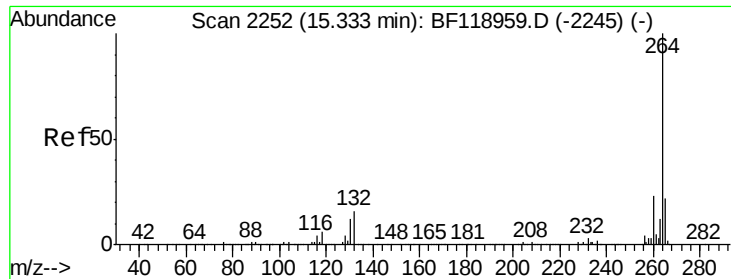
Tot Ion:149 Resp: 2452945
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 6.9 5.2 7.8



#86
 Indeno(1,2,3-cd)pyrene
 Concen: 113.333 ng
 RT: 16.75 min Scan# 2493
 Delta R.T. 0.01 min
 Lab File: BF118963.D
 Acq: 20 Feb 2020 16:34

Tgt Ion:276 Resp: 2622096
 Ion Ratio Lower Upper
 276 100
 138 21.6 18.7 28.1
 277 25.1 20.3 30.5

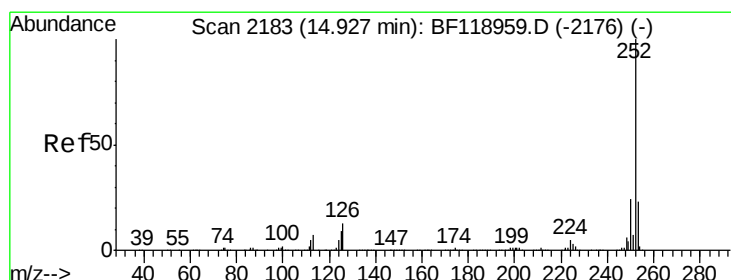
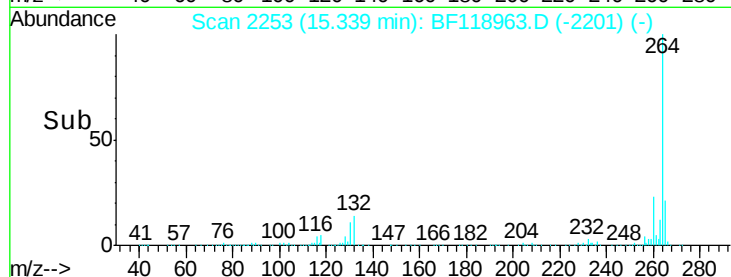
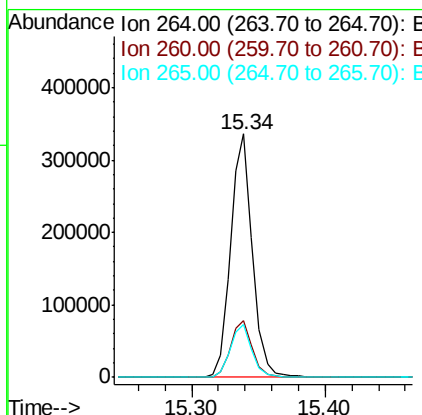
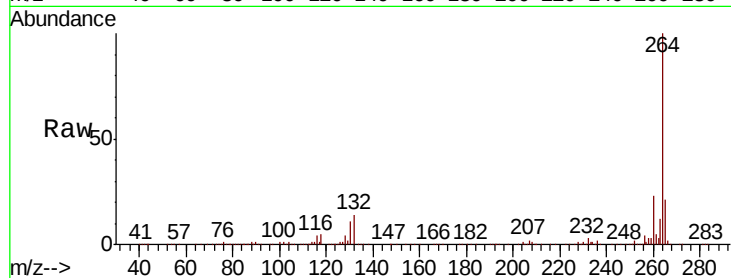




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.01 min
Lab File: BF118963.D
Acq: 20 Feb 2020 16:34

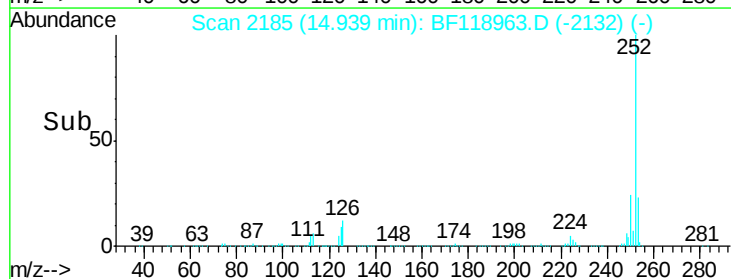
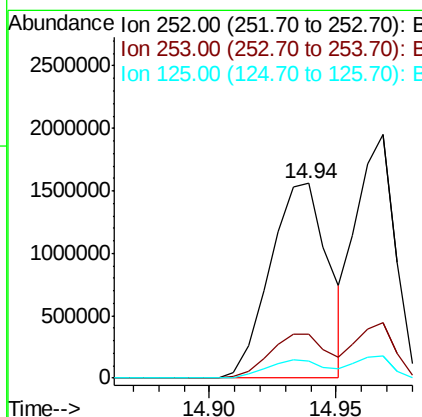
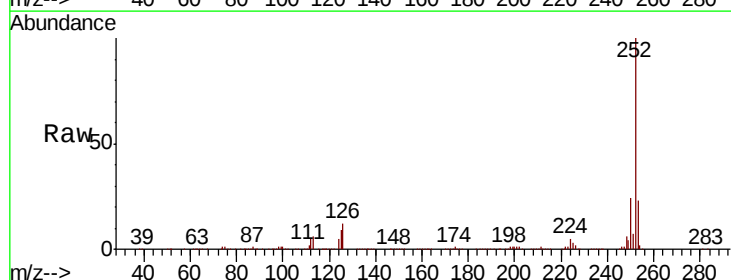
Instrument :
BNA_F
ClientSampleId :

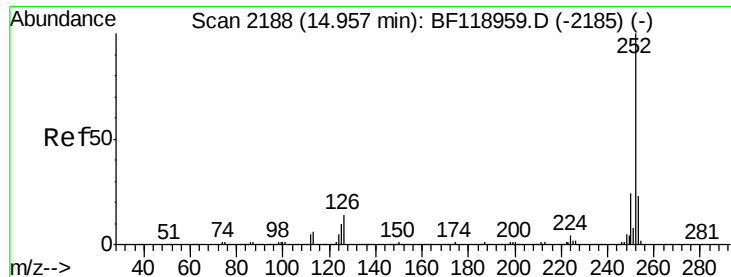
Tot Ion:264 Resp: 383740
Ion Ratio Lower Upper
264 100
260 23.1 18.6 28.0
265 21.5 17.3 25.9



#88
Benzo(b)fluoranthene
Concen: 96.382 ng
RT: 14.94 min Scan# 2185
Delta R.T. 0.01 min
Lab File: BF118963.D
Acq: 20 Feb 2020 16:34

Tgt Ion:252 Resp: 2493279
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.2
125 9.0 7.4 11.0

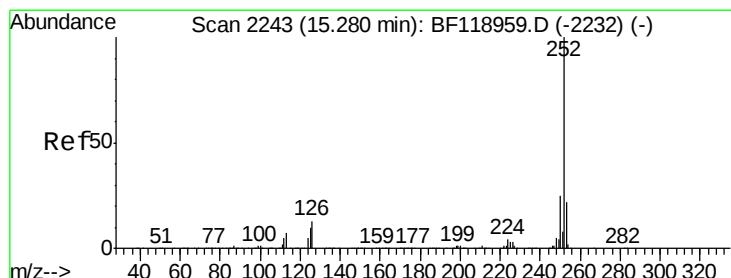
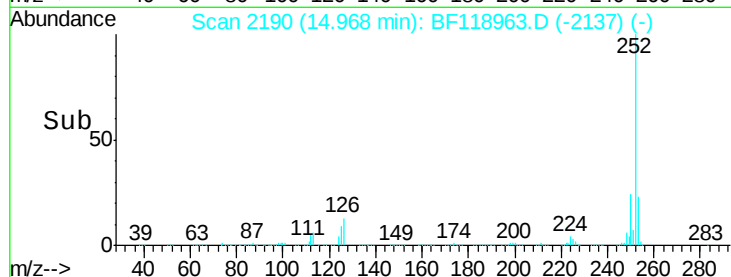
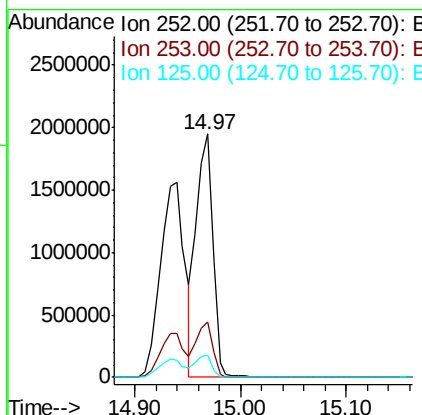
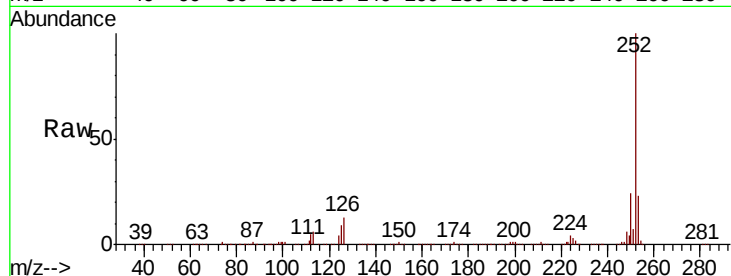




#89
Benzo(k)fluoranthene
Concen: 91.098 ng
RT: 14.97 min Scan# 2190
Delta R.T. 0.01 min
Lab File: BF118963.D
Acq: 20 Feb 2020 16:34

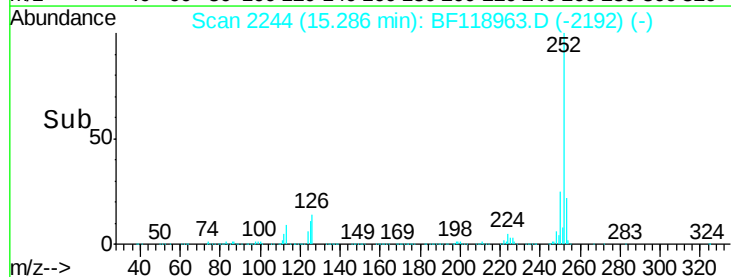
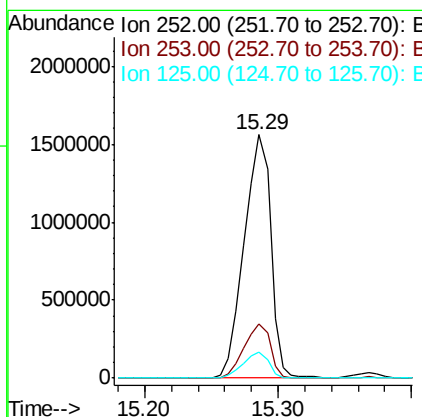
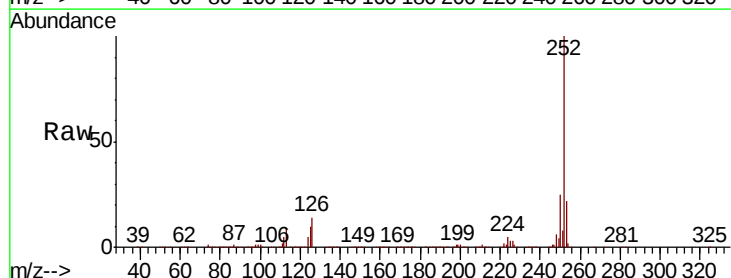
Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 2094228
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 9.0 7.3 10.9



#90
Benzo(a)pyrene
Concen: 96.364 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BF118963.D
Acq: 20 Feb 2020 16:34

Tgt Ion:252 Resp: 2147719
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 10.5 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 102.665 ng

RT: 16.77 min Scan# 2496

Delta R.T. 0.02 min

Lab File: BF118963.D

Acq: 20 Feb 2020 16:34

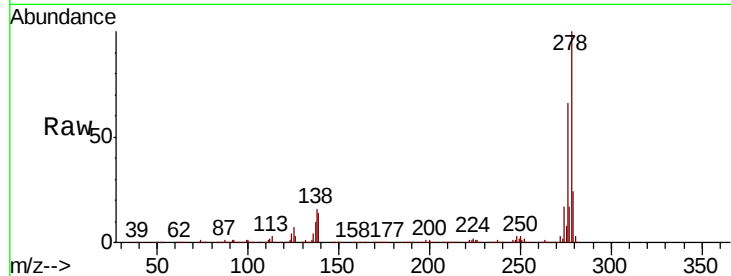
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 2073812

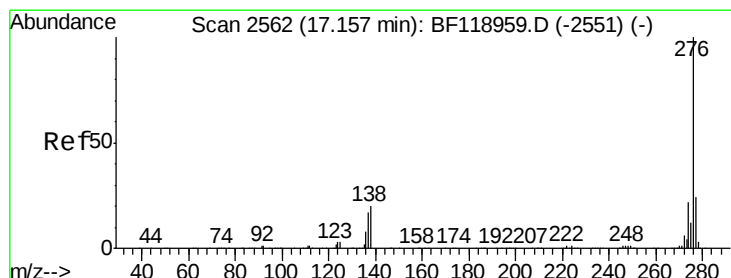
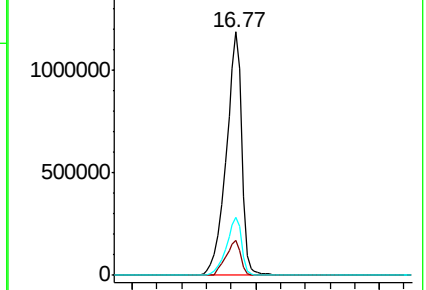
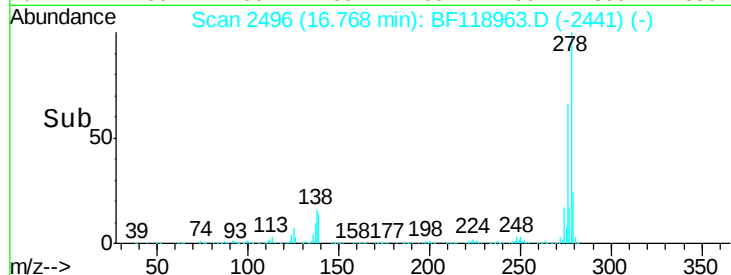
Ion	Ratio	Lower	Upper
278	100		
139	14.3	12.6	18.8
279	23.7	19.0	28.6



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



#92

Benzo(g,h,i)perylene

Concen: 108.636 ng

RT: 17.18 min Scan# 2566

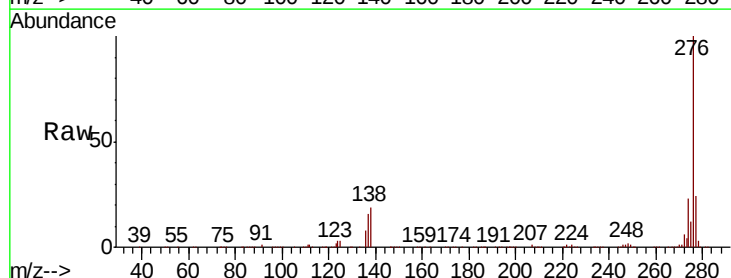
Delta R.T. 0.02 min

Lab File: BF118963.D

Acq: 20 Feb 2020 16:34

Tgt Ion:276 Resp: 2165150

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	19.3	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

