

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
 Data File : BF119903.D
 Acq On : 10 Apr 2020 19:06
 Operator : MA/SJ
 Sample : L2178-04MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 11 01:24:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 10 13:48:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	178708	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	697520	20.00	ng	0.00
39) Acenaphthene-d10	9.80	164	341625	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	691179	20.00	ng	0.00
76) Chrysene-d12	13.93	240	438358	20.00	ng	0.00
87) Perylene-d12	15.36	264	381065	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	750823	72.61	ng	0.00
7) Phenol-d6	6.39	99	644069	48.34	ng	0.00
23) Nitrobenzene-d5	7.33	82	1323082	98.13	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	608318	145.44	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	2430051	100.99	ng	0.00
79) Terphenyl-d14	12.87	244	2427604	93.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	95992	20.842	ng	98
3) Pyridine	3.19	79	220853	17.477	ng	99
4) n-Nitrosodimethylamine	3.13	42	147409	22.831	ng	99
6) Aniline	6.42	93	426198	24.370	ng	97
8) 2-Chlorophenol	6.54	128	570728	49.396	ng	99
9) Benzaldehyde	6.30	77	387423	Below Cal		99
10) Phenol	6.40	94	289056	19.122	ng	93
11) bis(2-Chloroethyl)ether	6.49	93	639911	54.825	ng	98
12) 1,3-Dichlorobenzene	6.69	146	632880	50.033	ng	99
13) 1,4-Dichlorobenzene	6.77	146	638296	49.537	ng	98
14) 1,2-Dichlorobenzene	6.93	146	562069	47.332	ng	96
15) Benzyl Alcohol	6.90	79	345315	33.366	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	1101338	48.490	ng	98
17) 2-Methylphenol	7.02	107	337810	32.762	ng	94
18) Hexachloroethane	7.27	117	226213	46.975	ng	94
19) n-Nitroso-di-n-propylamine	7.18	70	447550	52.233	ng	100
20) 3+4-Methylphenols	7.17	107	373619	29.627	ng	# 72
22) Acetophenone	7.17	105	847525	51.888	ng	# 98
24) Nitrobenzene	7.35	77	697415	51.419	ng	97
25) Isophorone	7.58	82	1266520	48.729	ng	99
26) 2-Nitrophenol	7.66	139	362317	53.469	ng	98
27) 2,4-Dimethylphenol	7.70	122	479827	46.951	ng	99
28) bis(2-Chloroethoxy)methane	7.79	93	784517	51.295	ng	99
29) 2,4-Dichlorophenol	7.90	162	532371	50.820	ng	97
30) 1,2,4-Trichlorobenzene	7.98	180	578640	48.749	ng	99
31) Naphthalene	8.06	128	1848545	50.371	ng	100
32) Benzoic acid	7.79	122	110696	12.333	ng	96
33) 4-Chloroaniline	8.11	127	273070	17.092	ng	98
34) Hexachlorobutadiene	8.18	225	302398	42.560	ng	99
35) Caprolactam	8.50	113	13686	4.271	ng	88
36) 4-Chloro-3-methylphenol	8.59	107	500726	44.150	ng	99
37) 2-Methylnaphthalene	8.76	142	1267689	50.951	ng	99
38) 1-Methylnaphthalene	8.86	142	1161067	49.510	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	528668	48.996	ng	98

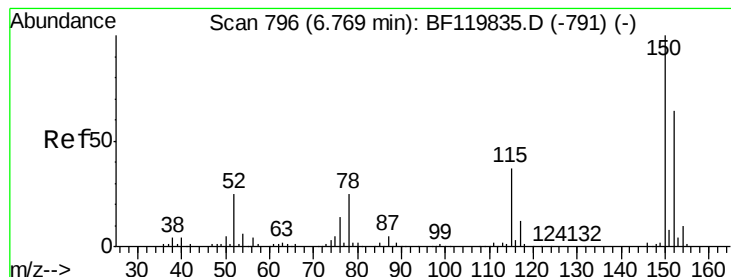
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
 Data File : BF119903.D
 Acq On : 10 Apr 2020 19:06
 Operator : MA/SJ
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 10 13:48:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	578718	94.321	ng	98
43) 2,4,6-Trichlorophenol	9.03	196	407232	54.655	ng	99
44) 2,4,5-Trichlorophenol	9.07	196	413030	49.217	ng	96
46) 1,1'-Biphenyl	9.22	154	1571101	54.486	ng	99
47) 2-Chloronaphthalene	9.25	162	1215588	54.724	ng	96
48) 2-Nitroaniline	9.35	65	453166	56.296	ng	99
49) Acenaphthylene	9.66	152	1719154	50.890	ng	100
50) Dimethylphthalate	9.53	163	1495381	56.591	ng	99
51) 2,6-Dinitrotoluene	9.59	165	311297	53.797	ng	98
52) Acenaphthene	9.83	154	1075133	47.710	ng	99
53) 3-Nitroaniline	9.75	138	135458	20.497	ng	98
54) 2,4-Dinitrophenol	9.87	184	368483	106.364	ng	100
55) Dibenzofuran	10.00	168	1575856	50.960	ng	98
56) 4-Nitrophenol	9.92	139	168514	34.270	ng	91
57) 2,4-Dinitrotoluene	9.99	165	400504	52.534	ng	90
58) Fluorene	10.35	166	1297917	52.482	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.12	232	335548	52.280	ng	99
60) Diethylphthalate	10.23	149	1420896	51.882	ng	99
61) 4-Chlorophenyl-phenylether	10.34	204	588209	46.405	ng	95
62) 4-Nitroaniline	10.37	138	318299	50.539	ng	99
63) Azobenzene	10.50	77	1318731	53.730	ng	98
65) 4,6-Dinitro-2-methylphenol	10.40	198	256914	56.421	ng	89
66) n-Nitrosodiphenylamine	10.46	169	1133717	49.321	ng	97
67) 4-Bromophenyl-phenylether	10.83	248	391364	45.531	ng	96
68) Hexachlorobenzene	10.90	284	427990	49.083	ng	96
69) Atrazine	11.00	200	365354	57.126	ng	97
70) Pentachlorophenol	11.09	266	500287	99.559	ng	99
71) Phenanthrene	11.31	178	1915217	52.065	ng	98
72) Anthracene	11.36	178	1863194	49.582	ng	100
73) Carbazole	11.52	167	1703753	47.943	ng	99
74) Di-n-butylphthalate	11.85	149	2097765	44.904	ng	99
75) Fluoranthene	12.50	202	1972179	49.689	ng	98
77) Benzidine	12.62	184	489477	33.033	ng	95
78) Pyrene	12.73	202	1904805	51.545	ng	100
80) Butylbenzylphthalate	13.35	149	871765	48.616	ng	98
81) Benzo(a)anthracene	13.92	228	1495850	51.871	ng	100
82) 3,3'-Dichlorobenzidine	13.88	252	285747	26.556	ng	95
83) Chrysene	13.96	228	1546869	52.791	ng	99
84) Bis(2-ethylhexyl)phthalate	13.92	149	1107357	45.602	ng	99
85) Di-n-octyl phthalate	14.53	149	1811369	43.810	ng	99
86) Indeno(1,2,3-cd)pyrene	16.77	276	1265242	48.985	ng	100
88) Benzo(b)fluoranthene	14.95	252	1406029	51.291	ng	99
89) Benzo(k)fluoranthene	14.98	252	1300479	54.983	ng	99
90) Benzo(a)pyrene	15.30	252	1211349	52.556	ng	100
91) Dibenzo(a,h)anthracene	16.79	278	1039120	50.896	ng	99
92) Benzo(g,h,i)perylene	17.20	276	1128498	55.996	ng	98

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

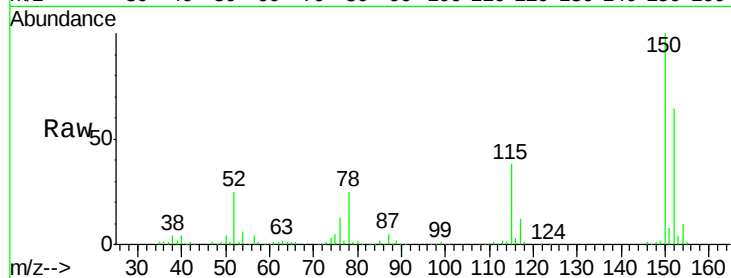


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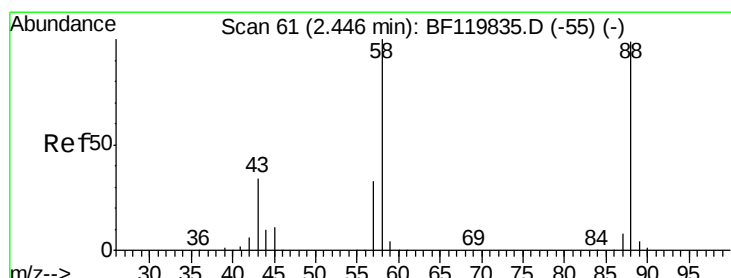
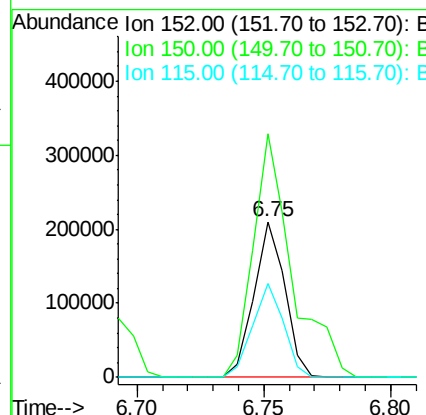
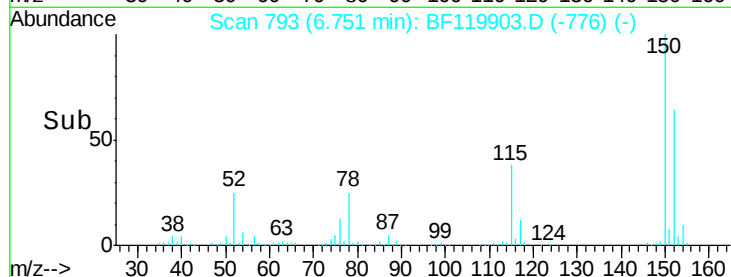
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 178708
Ion Ratio Lower Upper
152 100
150 156.6 124.8 187.2
115 60.2 46.5 69.7



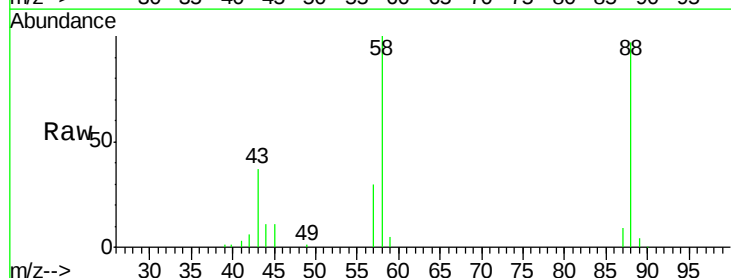
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



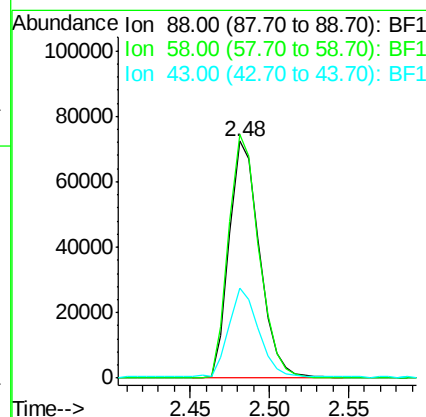
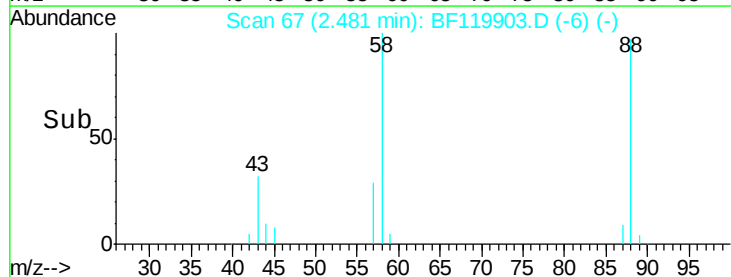
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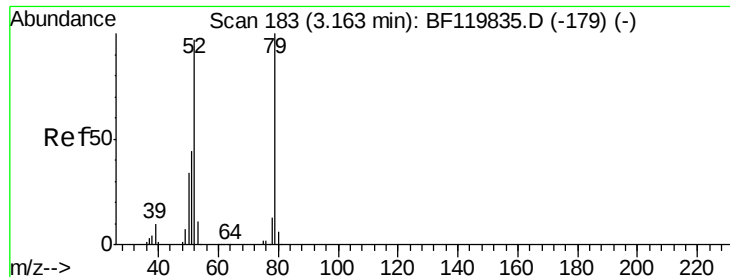
1,4-Dioxane
Concen: 20.842 ng
RT: 2.48 min Scan# 67
Delta R.T. 0.06 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

Tgt Ion: 88 Resp: 95992
Ion Ratio Lower Upper
88 100
58 102.6 82.6 123.8
43 39.9 28.6 42.8



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

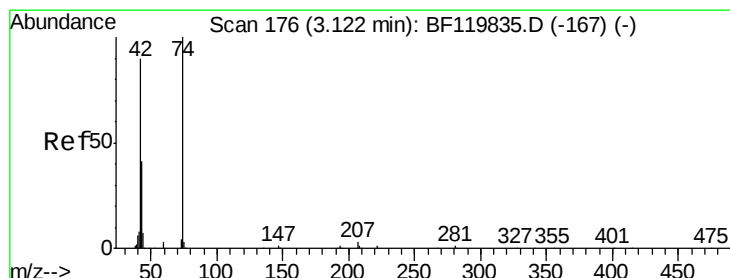
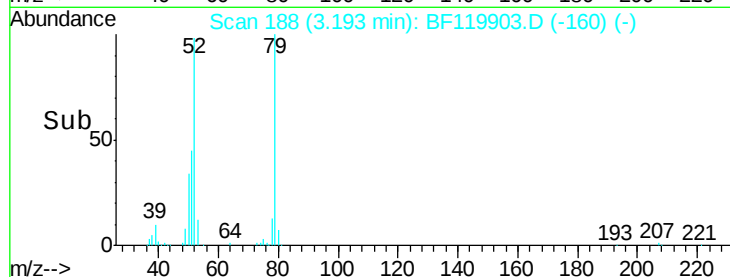
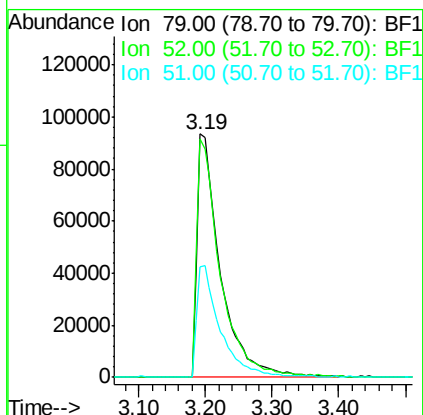
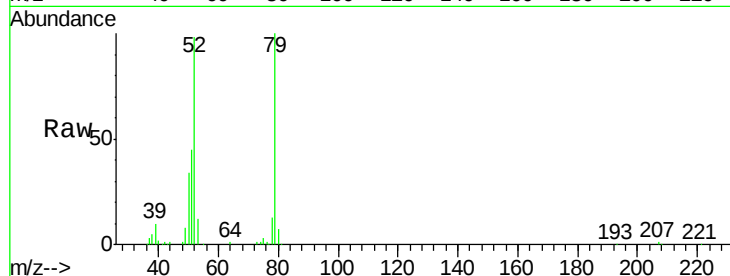




#3
 Pvrindine
 Concen: 17.477 ng
 RT: 3.19 min Scan# 188
 Delta R.T. 0.06 min
 Lab File: BF119903.D
 Acq: 10 Apr 2020 19:06

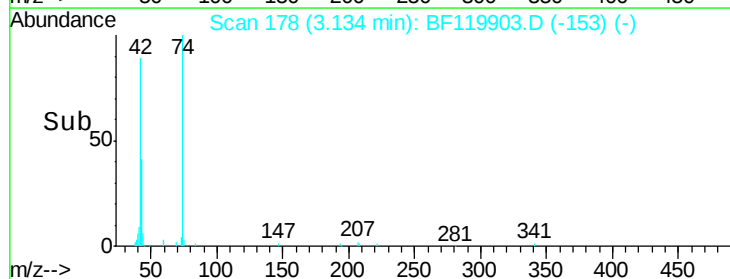
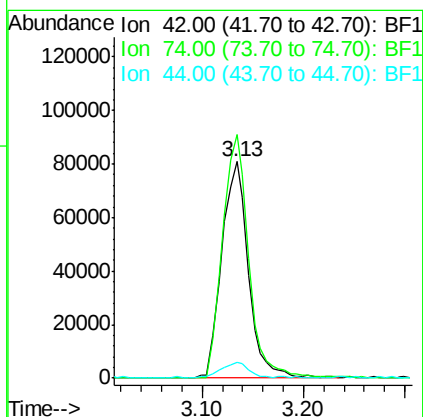
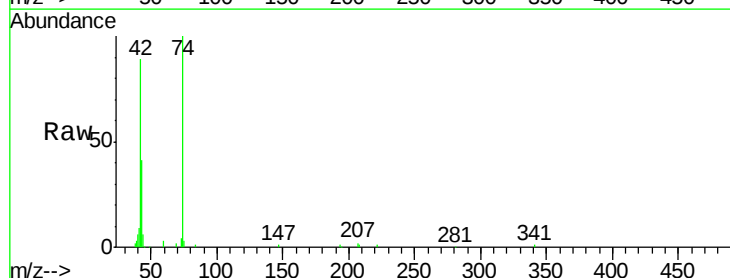
Instrument :
 BNA_F
 ClientSampleId :

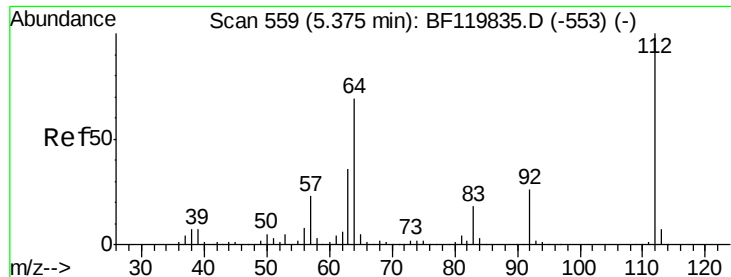
Tot Ion: 79 Resp: 220853
 Ion Ratio Lower Upper
 79 100
 52 97.7 77.4 116.0
 51 45.3 35.3 52.9



#4
 n-Nitrosodimethylamine
 Concen: 22.831 ng
 RT: 3.13 min Scan# 178
 Delta R.T. 0.05 min
 Lab File: BF119903.D
 Acq: 10 Apr 2020 19:06

Tgt Ion: 42 Resp: 147409
 Ion Ratio Lower Upper
 42 100
 74 112.5 89.0 133.4
 44 7.0 6.2 9.4





#5

2-Fluorophenol

Concen: 72.608 ng

RT: 5.36 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

Instrument :

BNA_F

ClientSampleId :

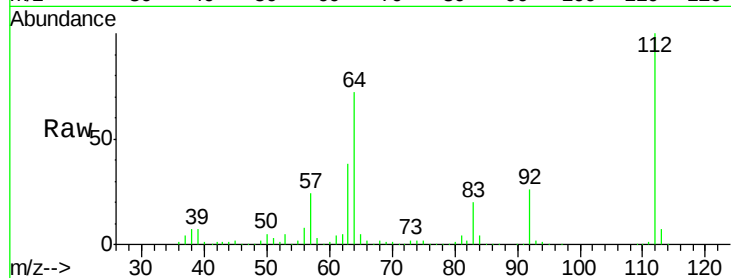
Tot Ion:112 Resp: 750823

Ion Ratio Lower Upper

112 100

64 71.6 55.5 83.3

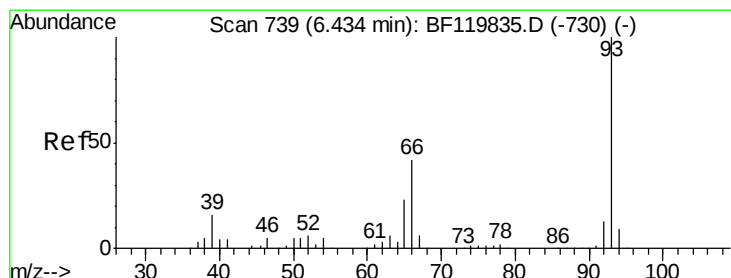
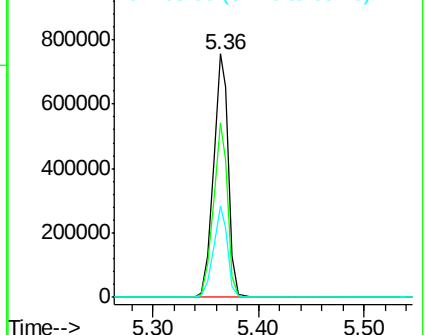
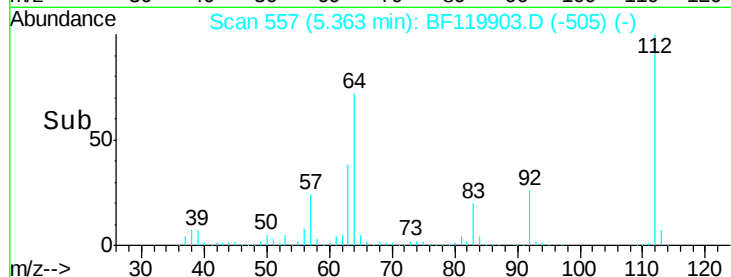
63 37.6 29.1 43.7



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.370 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

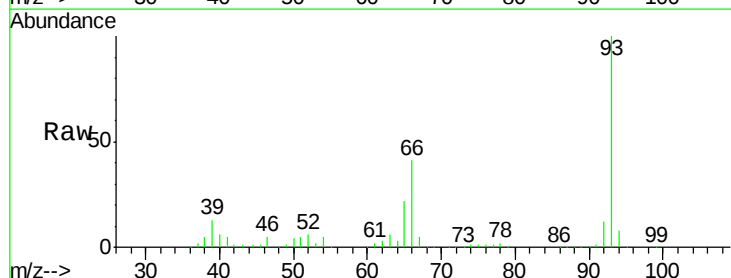
Tgt Ion: 93 Resp: 426198

Ion Ratio Lower Upper

93 100

66 40.7 34.2 51.2

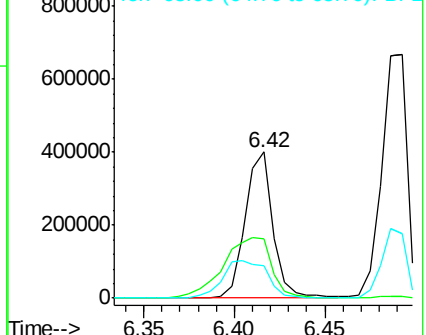
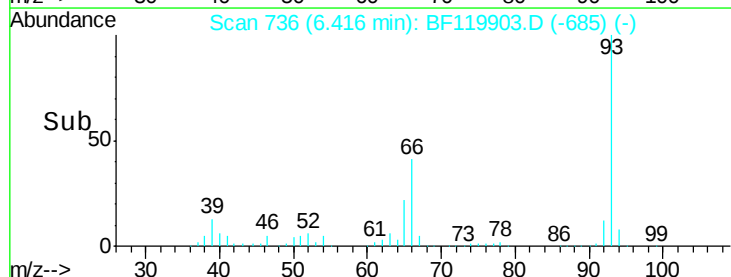
65 22.1 18.3 27.5

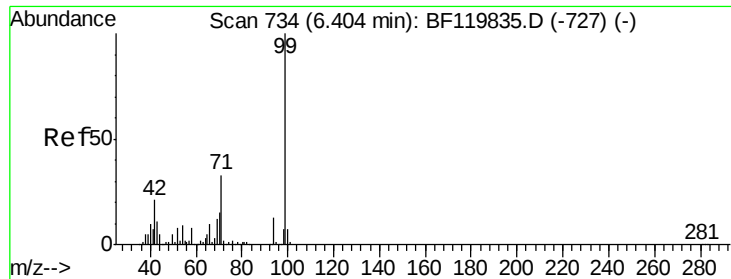


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 48.337 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

Instrument :

BNA_F

ClientSampleId :

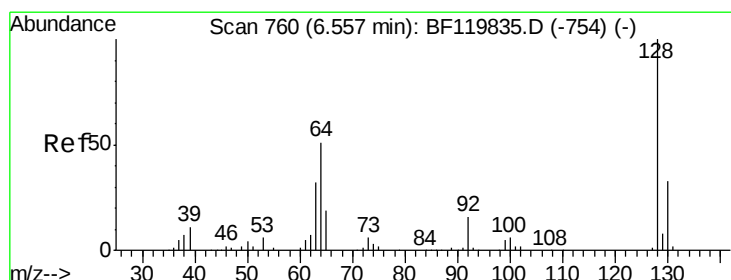
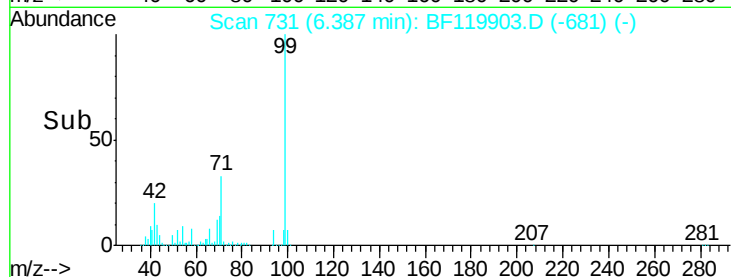
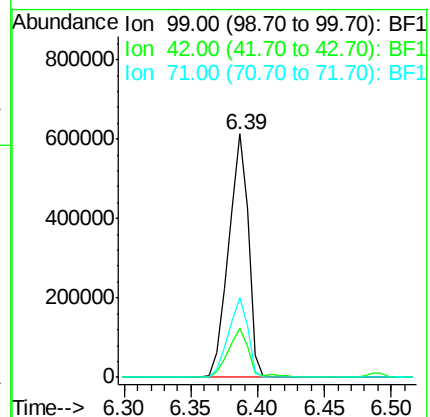
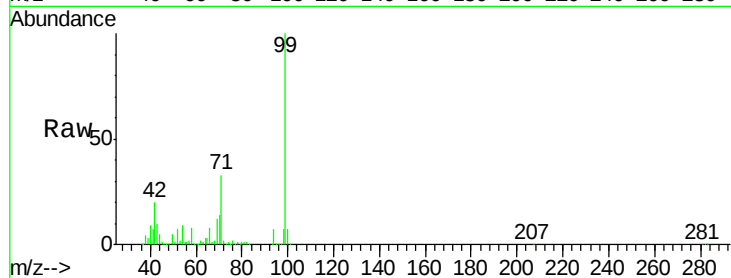
Tot Ion: 99 Resp: 644069

Ion Ratio Lower Upper

99 100

42 20.0 16.9 25.3

71 32.8 26.3 39.5



#8

2-Chlorophenol

Concen: 49.396 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

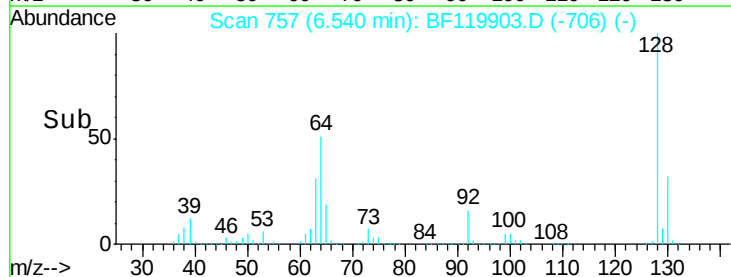
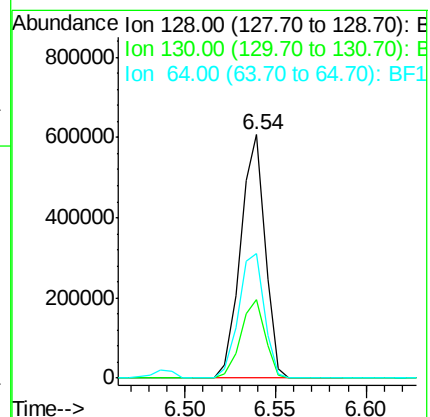
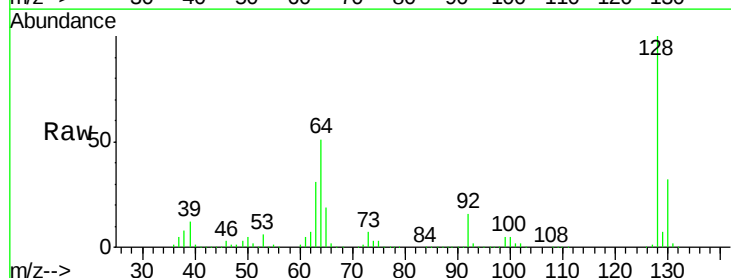
Tgt Ion: 128 Resp: 570728

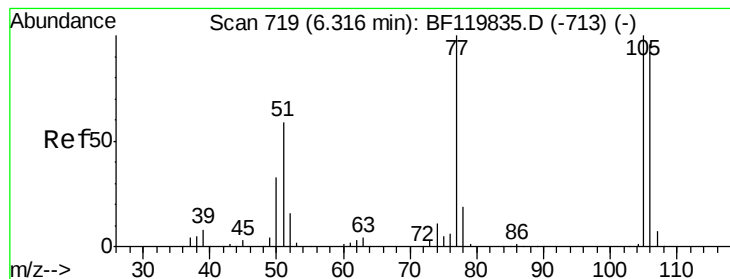
Ion Ratio Lower Upper

128 100

130 32.4 12.6 52.6

64 51.2 32.0 72.0





#9

Benzaldehyde

Concen: Below Cal

RT: 6.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

Instrument :

BNA_F

ClientSampled :

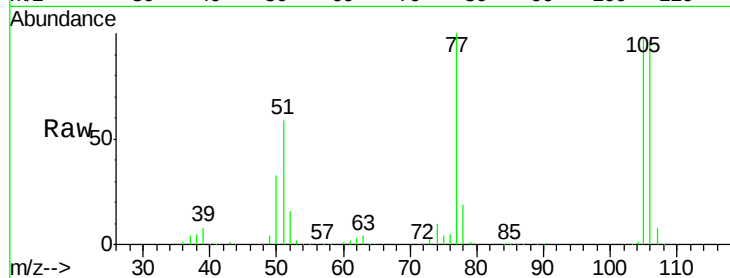
Tot Ion: 77 Resp: 387423

Ion Ratio Lower Upper

77 100

105 97.8 79.9 119.9

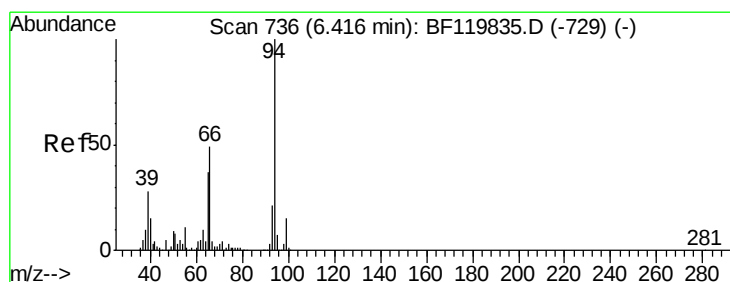
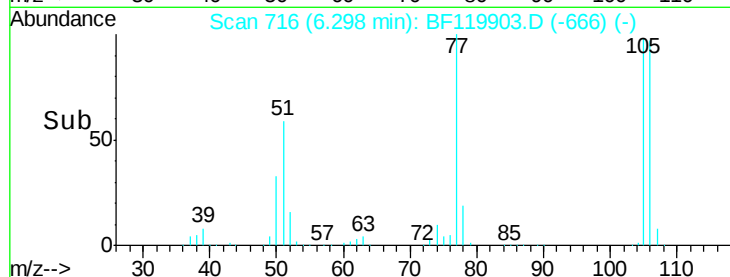
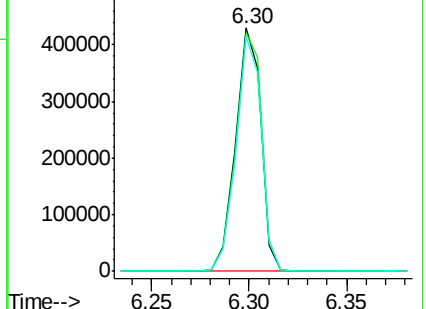
106 96.6 76.4 116.4



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: 19.122 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

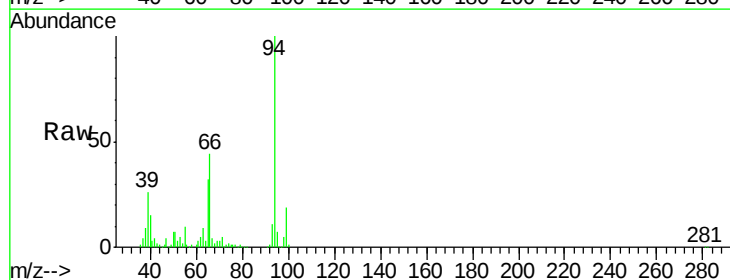
Tgt Ion: 94 Resp: 289056

Ion Ratio Lower Upper

94 100

65 32.4 16.6 56.6

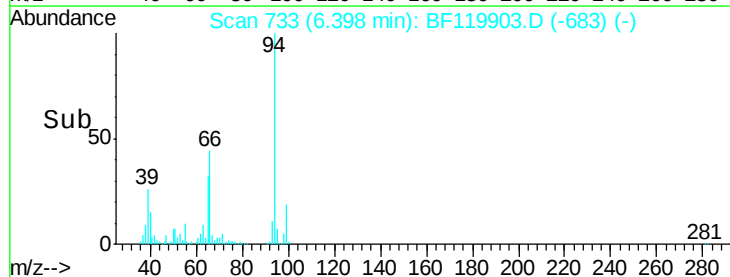
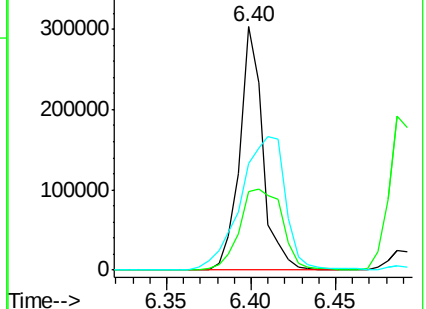
66 44.0 29.3 69.3

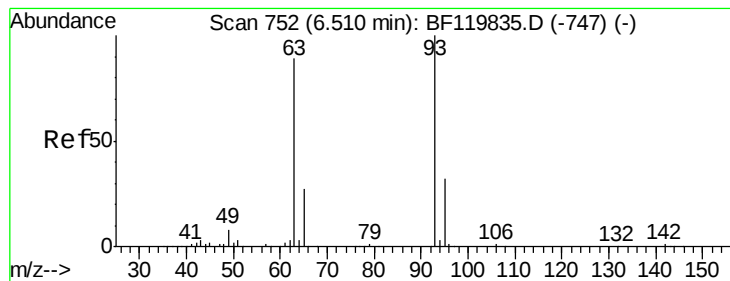


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 54.825 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

Instrument :

BNA_F

ClientSampleId :

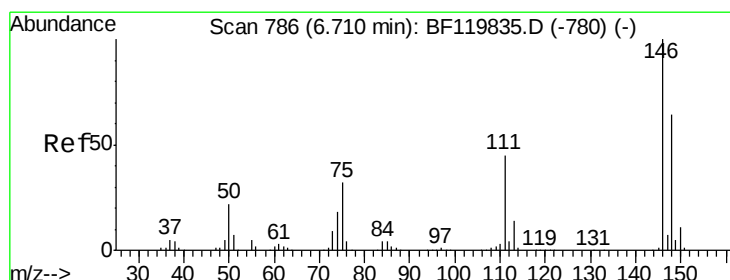
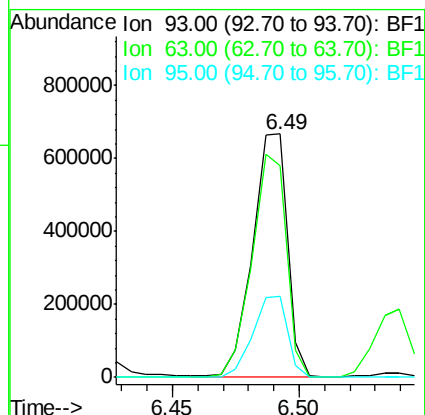
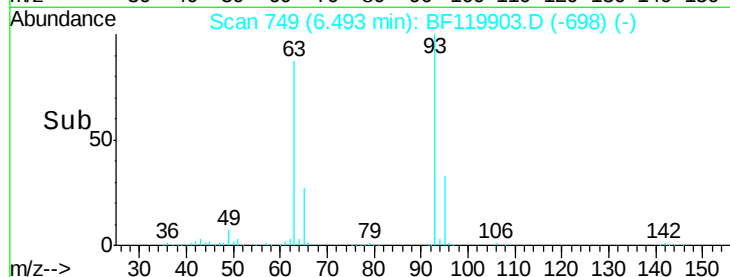
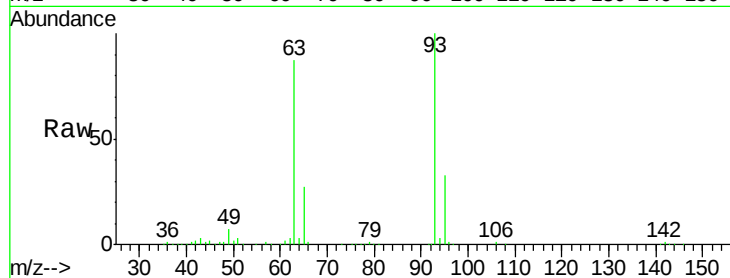
Tot Ion: 93 Resp: 639911

Ion Ratio Lower Upper

93 100

63 87.1 69.1 109.1

95 33.3 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 50.033 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

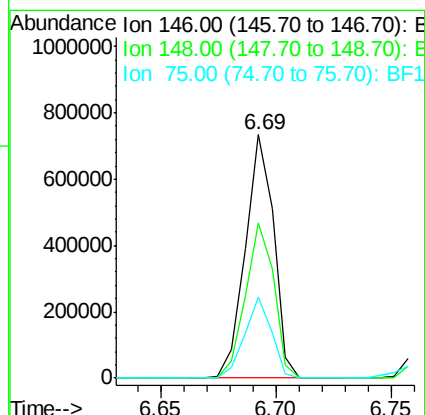
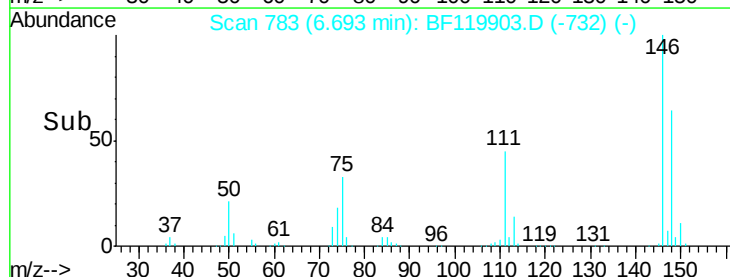
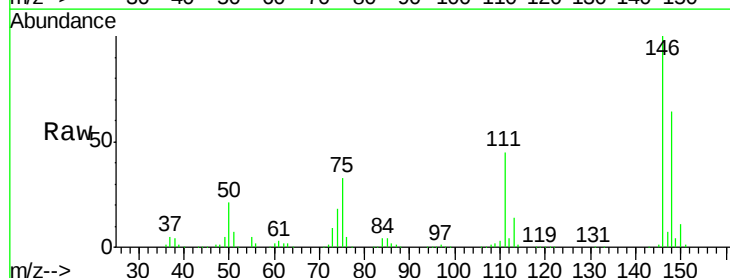
Tgt Ion: 146 Resp: 632880

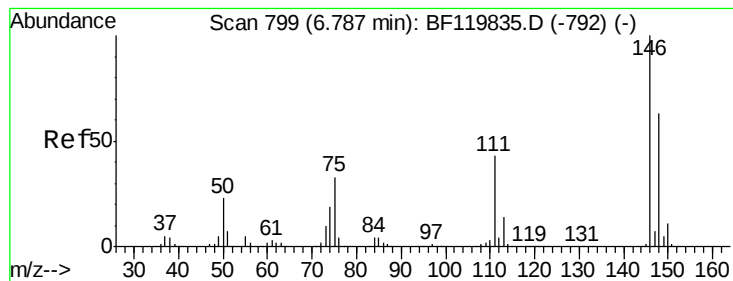
Ion Ratio Lower Upper

146 100

148 63.6 51.3 76.9

75 33.1 25.3 37.9





#13

1,4-Dichlorobenzene

Concen: 49.537 ng

RT: 6.77 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

Instrument :

BNA_F

ClientSampled :

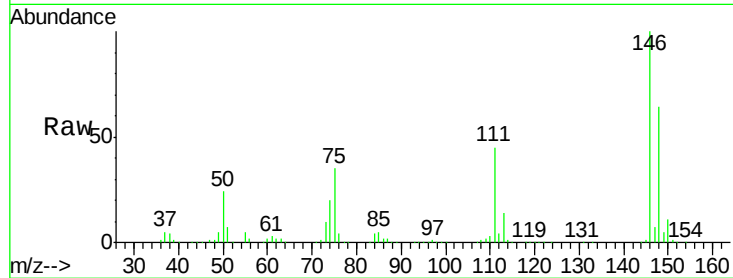
Tot Ion:146 Resp: 638296

Ion Ratio Lower Upper

146 100

148 64.2 50.5 75.7

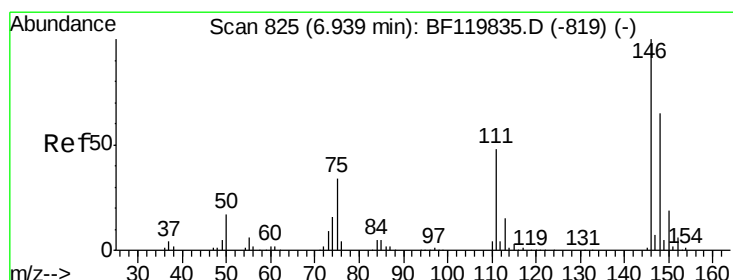
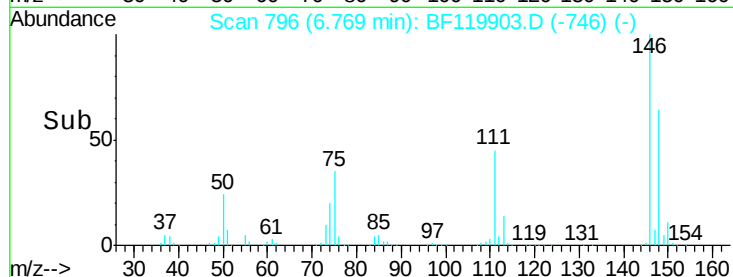
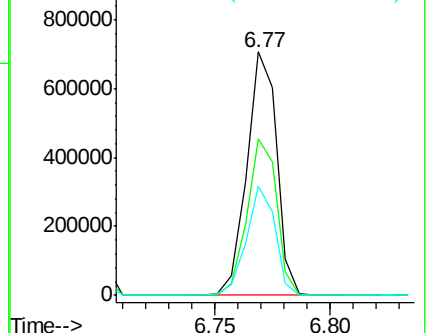
111 44.9 34.7 52.1



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: 47.332 ng

RT: 6.93 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

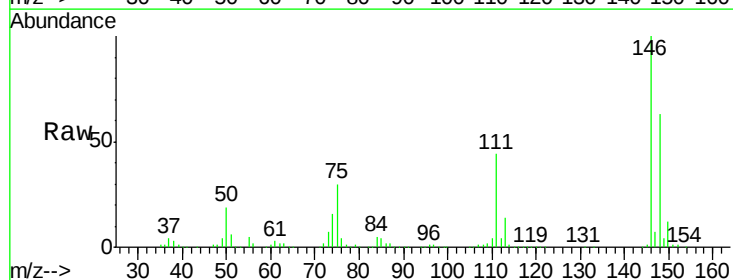
Tgt Ion:146 Resp: 562069

Ion Ratio Lower Upper

146 100

148 62.7 51.8 77.8

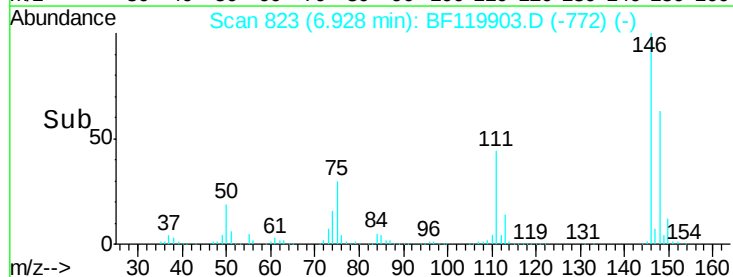
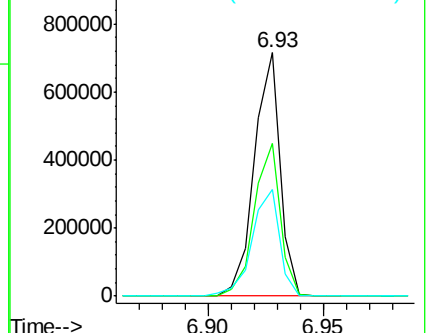
111 43.7 38.0 57.0

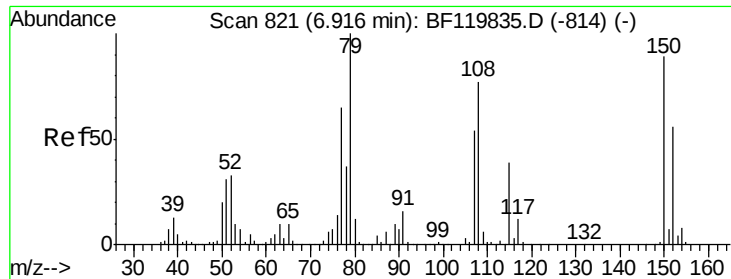


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

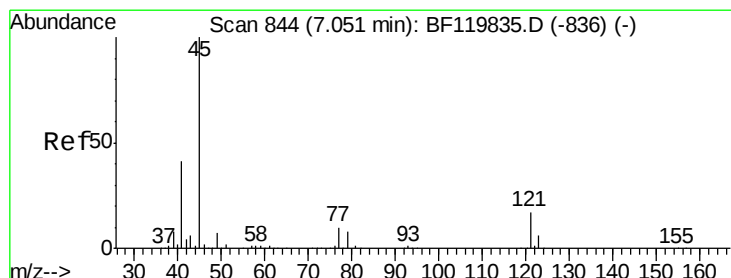
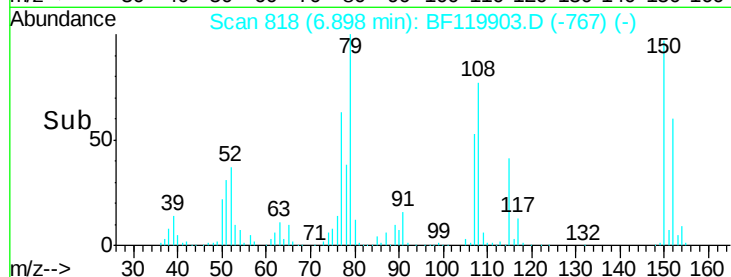
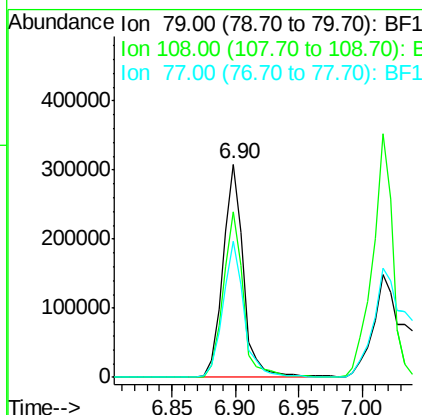
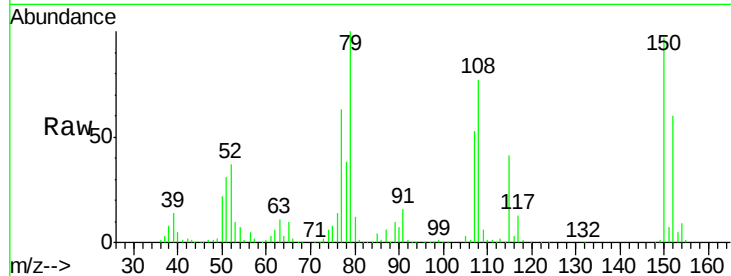




#15
Benzyl Alcohol
Concen: 33.366 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

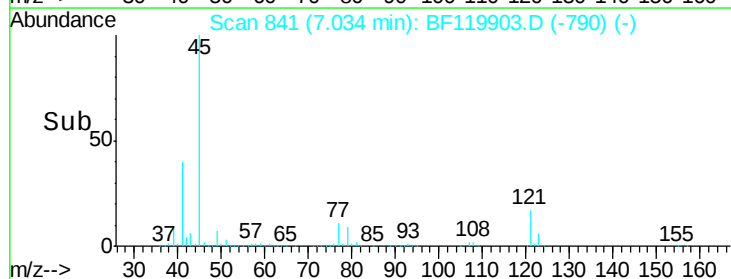
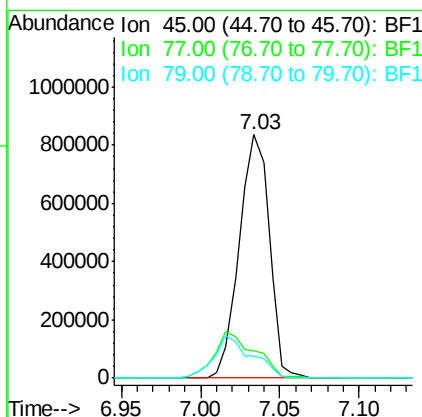
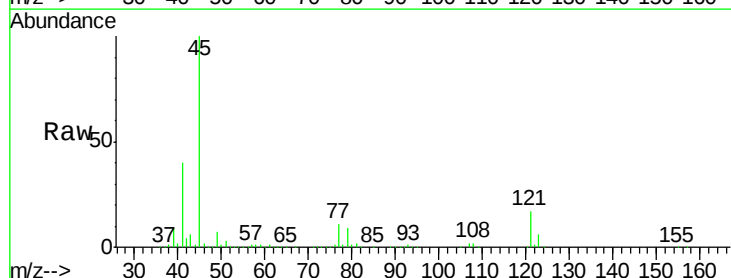
Instrument :
BNA_F
ClientSampleId :

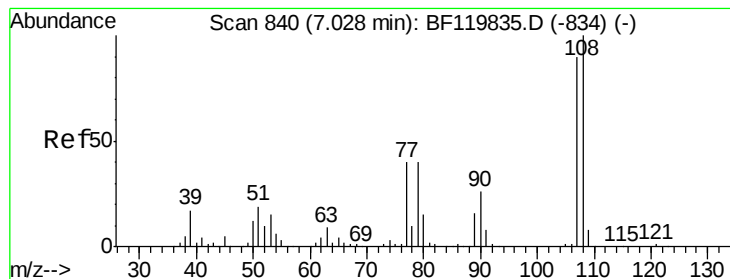
Tot Ion: 79 Resp: 345315
Ion Ratio Lower Upper
79 100
108 77.3 62.0 93.0
77 63.5 51.8 77.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.490 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

Tgt Ion: 45 Resp: 1101338
Ion Ratio Lower Upper
45 100
77 11.4 0.0 30.7
79 9.2 0.0 28.6





#17

2-Methylphenol

Concen: 32.762 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 337810

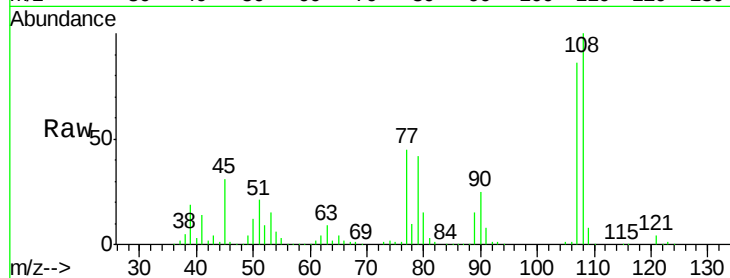
Ion Ratio Lower Upper

107 100

108 116.0 88.8 133.2

77 52.1 36.0 54.0

79 48.7 35.7 53.5

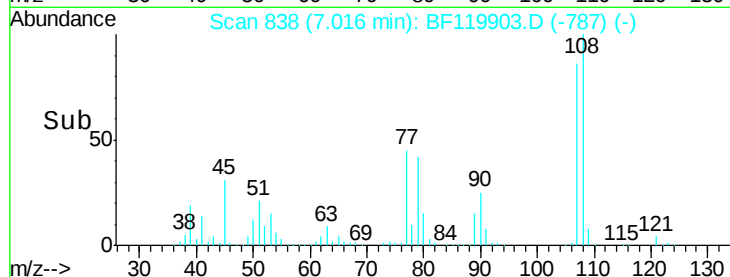


Abundance Ion 107.00 (106.70 to 107.70): E

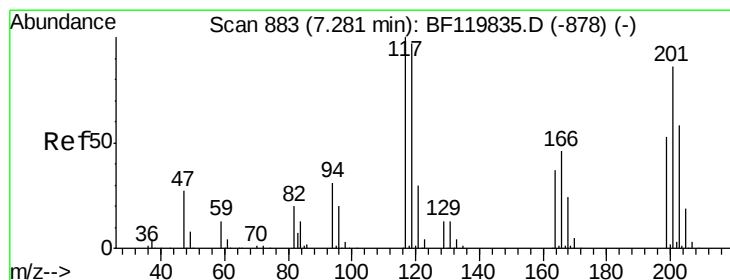
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time--> 6.95 7.00 7.05



#18

Hexachloroethane

Concen: 46.975 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

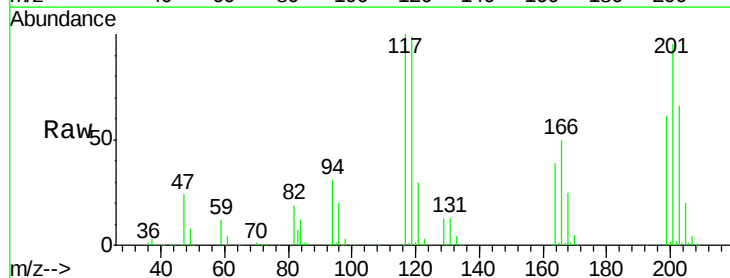
Tgt Ion:117 Resp: 226213

Ion Ratio Lower Upper

117 100

119 99.0 77.4 116.0

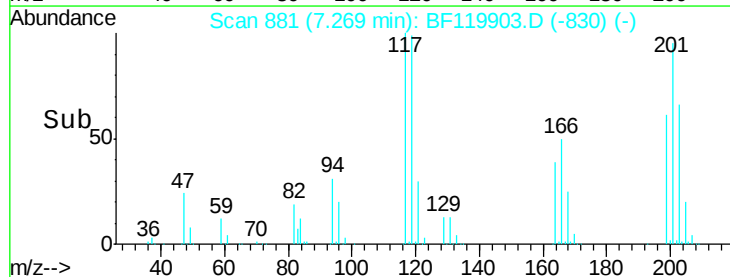
201 95.4 68.4 102.6



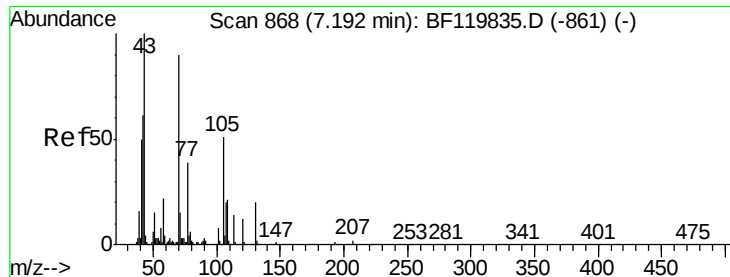
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



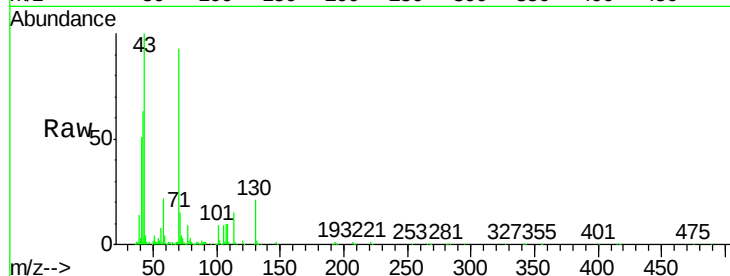
Time--> 7.25 7.30



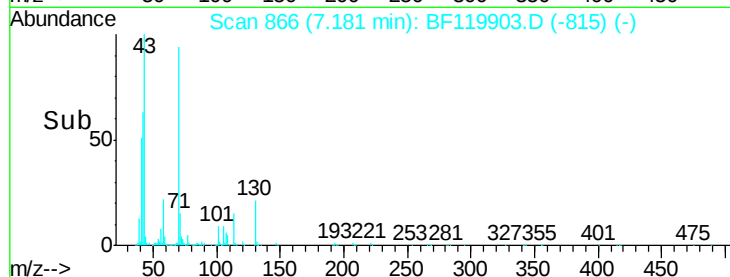
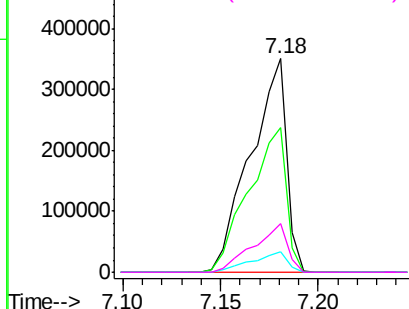
#19
n-Nitroso-di-n-propylamine
Concen: 52.233 ng
RT: 7.18 min Scan# 866
Delta R.T. 0.00 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 447550
Ion Ratio Lower Upper
70 100
42 67.6 54.2 81.4
101 9.6 7.4 11.2
130 22.6 17.8 26.6



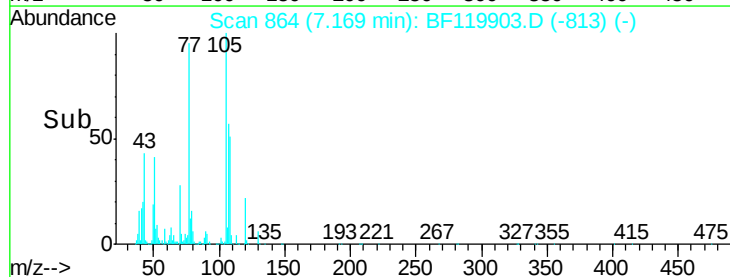
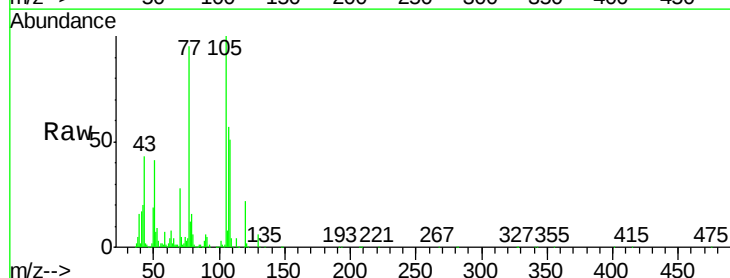
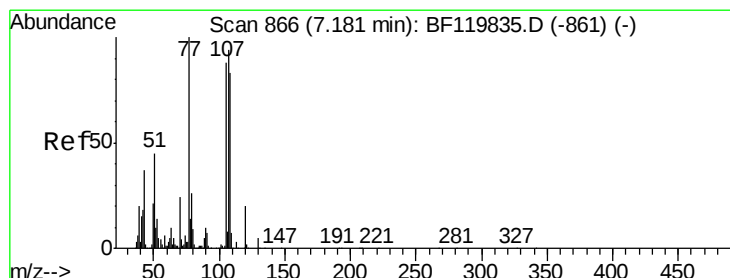
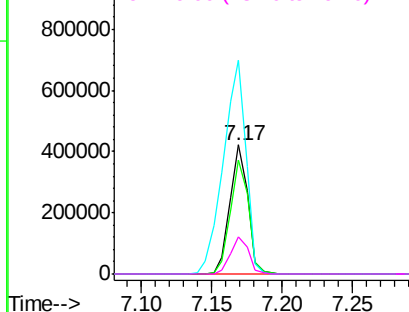
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

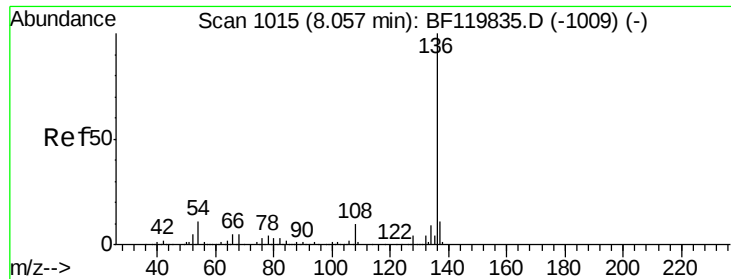


#20
3+4-Methylphenols
Concen: 29.627 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

Tgt Ion:107 Resp: 373619
Ion Ratio Lower Upper
107 100
108 88.6 68.2 108.2
77 165.6 86.6 126.6#
79 28.7 7.7 47.7

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.00 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 697520

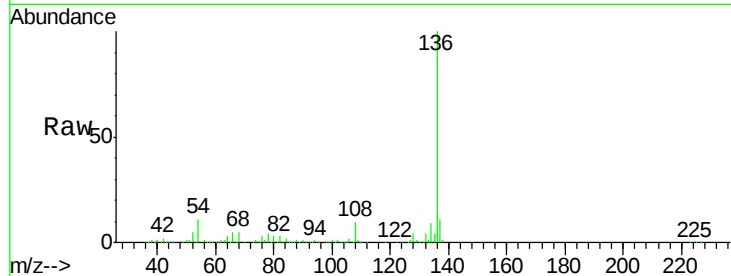
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 10.7 8.5 12.7

68 5.4 3.9 5.9

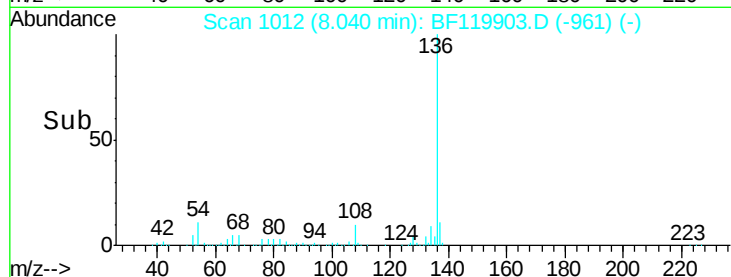


Abundance Ion 136.00 (135.70 to 136.70): E

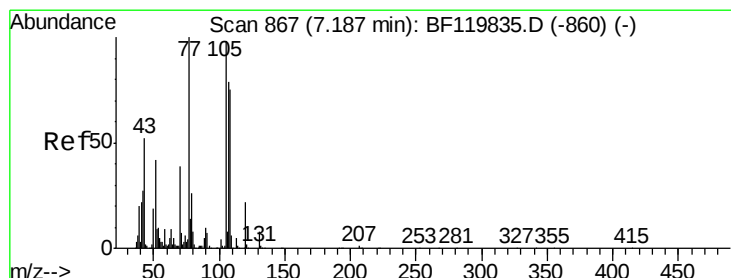
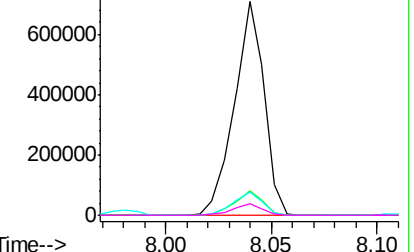
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 51.888 ng

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

Tgt Ion:105 Resp: 847525

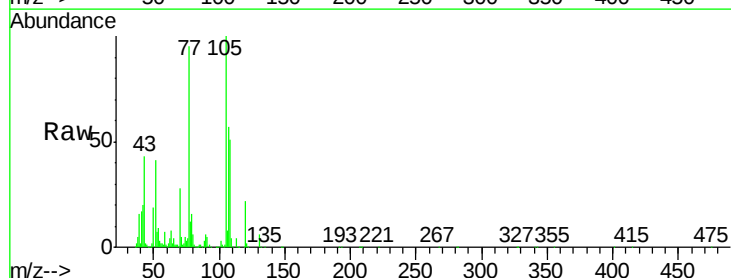
Ion Ratio Lower Upper

105 100

71 4.5 5.6 8.4#

51 40.7 33.9 50.9

120 22.5 17.8 26.8

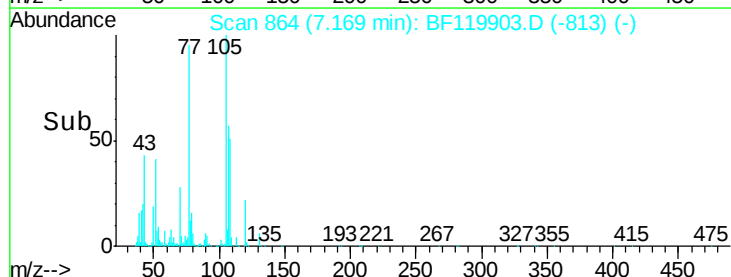


Abundance Ion 105.00 (104.70 to 105.70): E

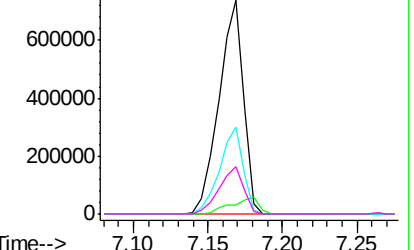
Ion 71.00 (70.70 to 71.70): BF1

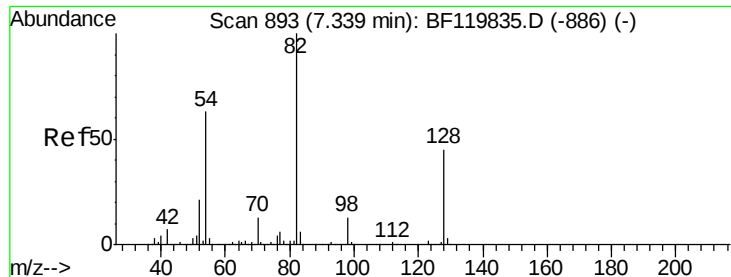
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->





#23

Nitrobenzene-d5

Concen: 98.130 ng

RT: 7.33 min Scan# 891

Delta R.T. 0.01 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

Instrument :

BNA_F

ClientSampled :

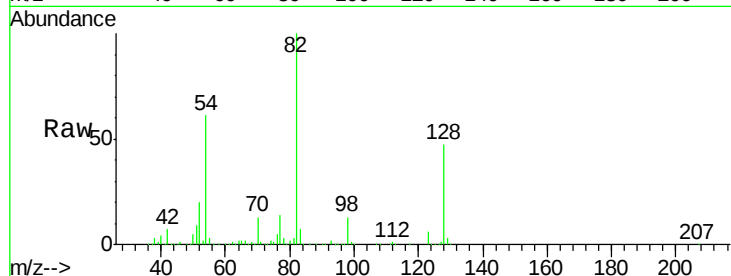
Tot Ion: 82 Resp: 1323082

Ion Ratio Lower Upper

82 100

128 46.6 36.2 54.4

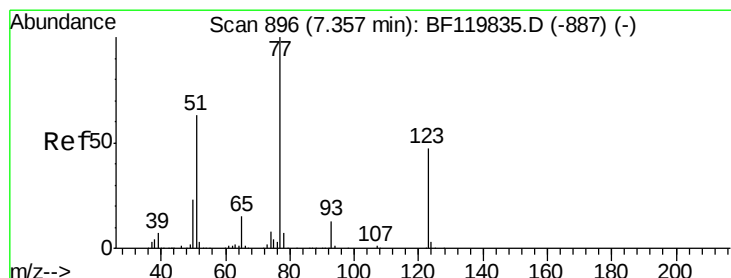
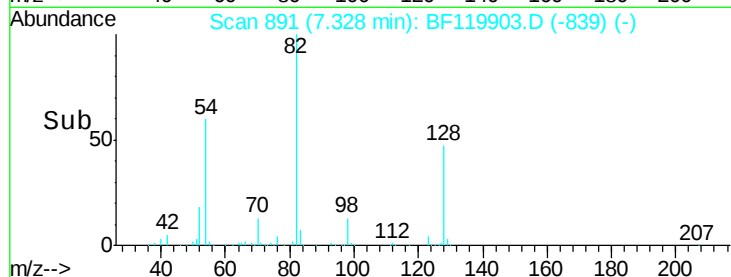
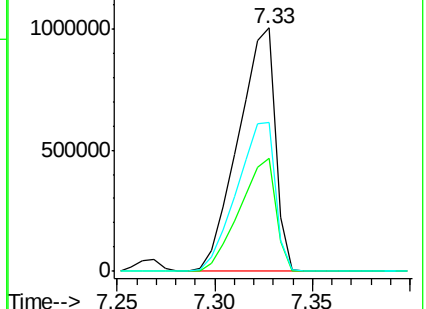
54 61.0 50.4 75.6



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: 51.419 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.01 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

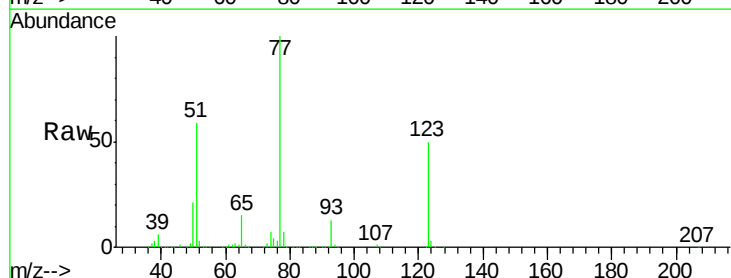
Tgt Ion: 77 Resp: 697415

Ion Ratio Lower Upper

77 100

123 49.9 37.8 56.8

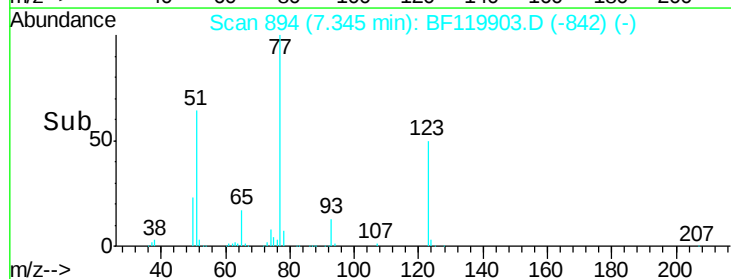
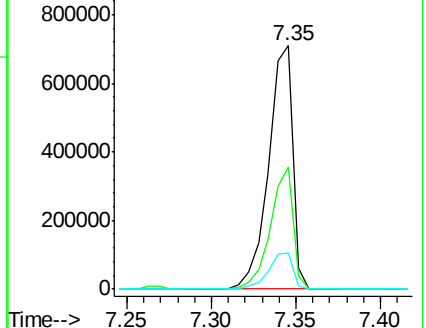
65 14.9 12.2 18.2



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: 48.729 ng

RT: 7.58 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

Instrument :

BNA_F

ClientSampleId :

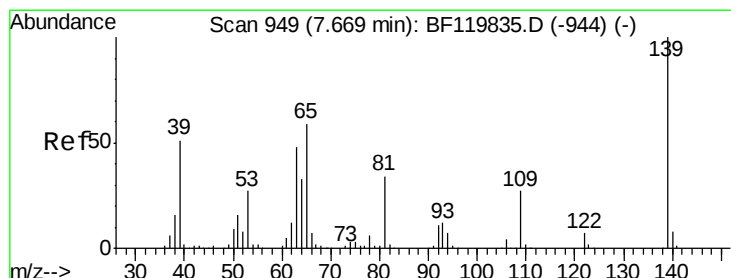
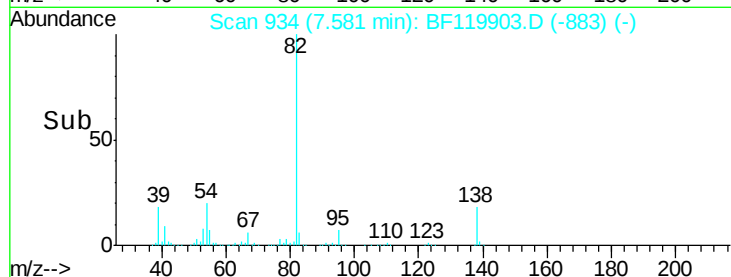
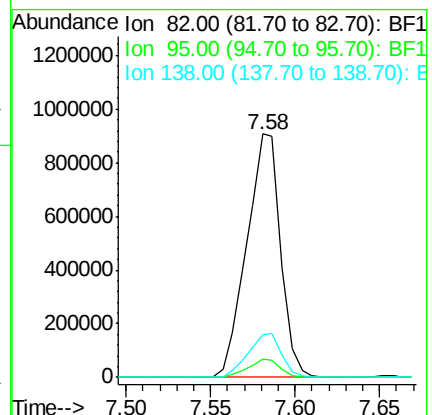
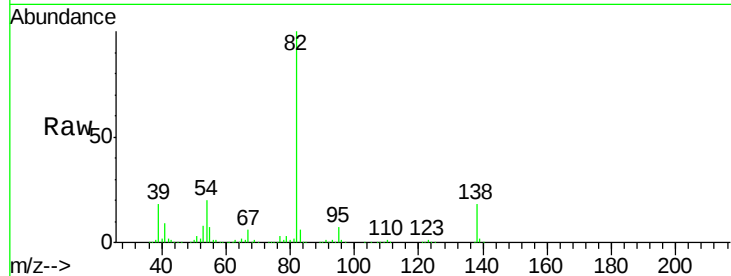
Tot Ion: 82 Resp: 1266520

Ion Ratio Lower Upper

82 100

95 7.4 5.8 8.6

138 17.5 14.5 21.7



#26

2-Nitrophenol

Concen: 53.469 ng

RT: 7.66 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

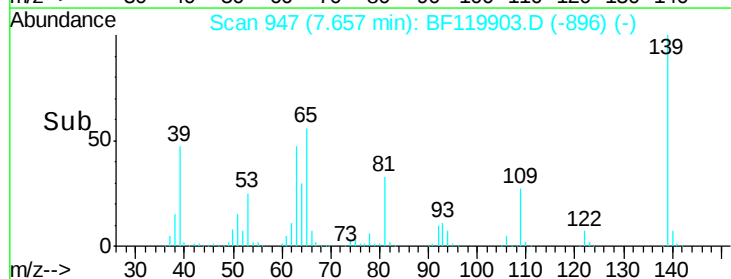
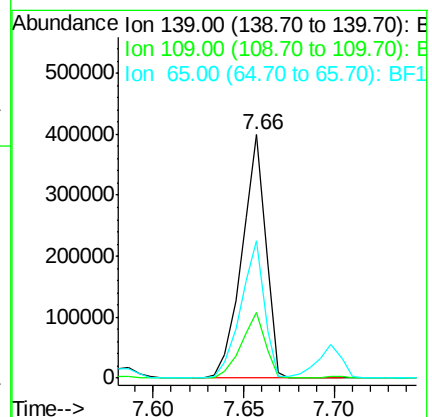
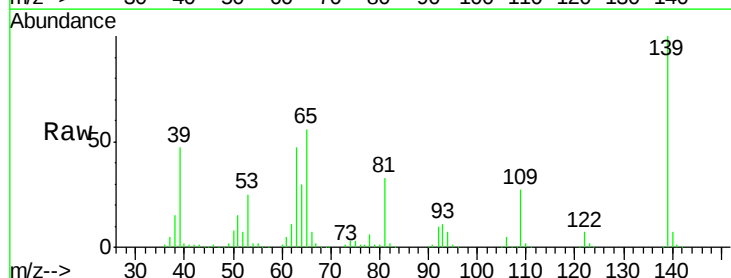
Tgt Ion: 139 Resp: 362317

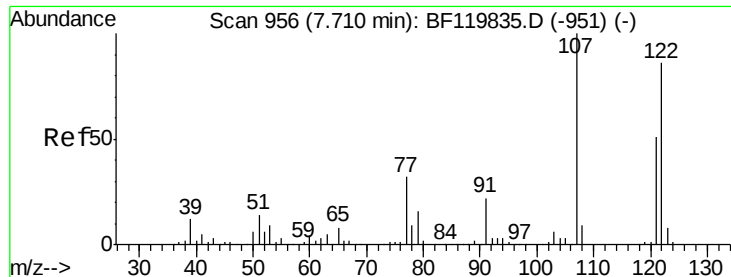
Ion Ratio Lower Upper

139 100

109 27.1 21.8 32.6

65 56.3 47.0 70.4

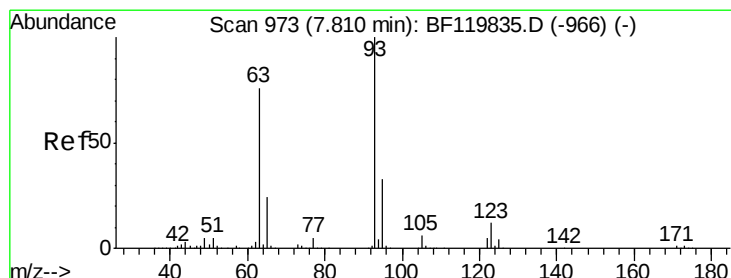
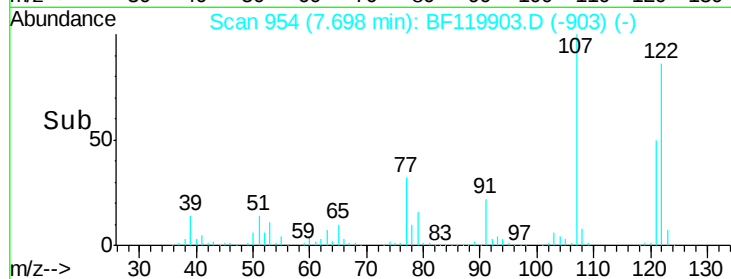
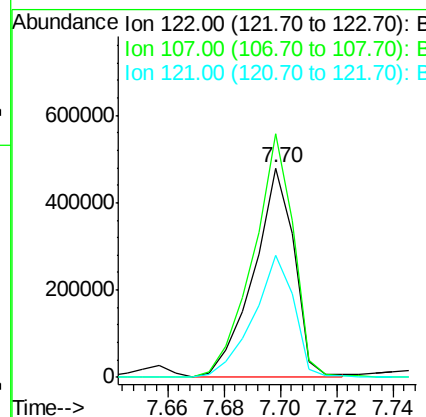
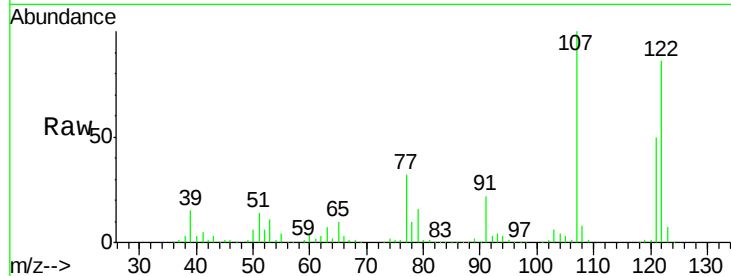




#27
 2,4-Dimethylphenol
 Concen: 46.951 ng
 RT: 7.70 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF119903.D
 Acq: 10 Apr 2020 19:06

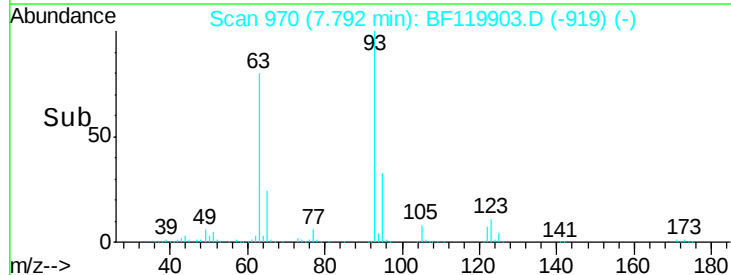
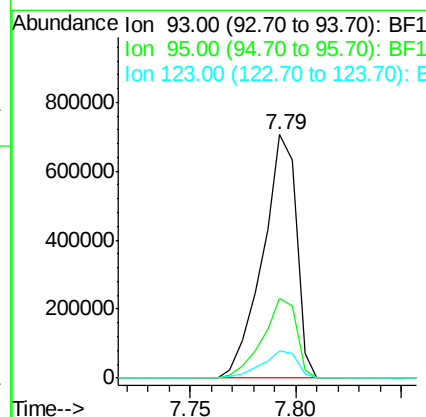
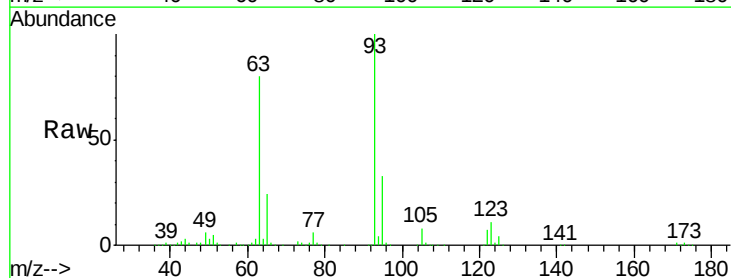
Instrument :
 BNA_F
 ClientSampleId :

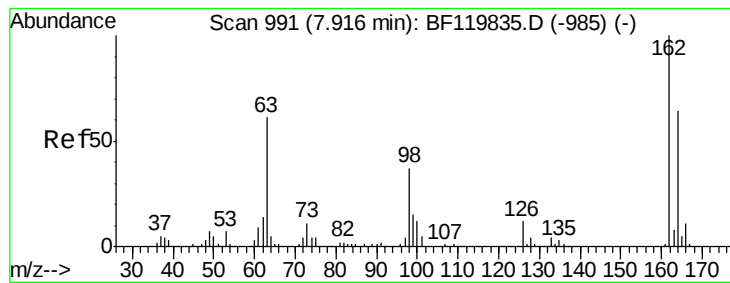
Tot Ion:122 Resp: 479827
 Ion Ratio Lower Upper
 122 100
 107 116.2 92.3 138.5
 121 58.3 46.6 70.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 51.295 ng
 RT: 7.79 min Scan# 970
 Delta R.T. 0.00 min
 Lab File: BF119903.D
 Acq: 10 Apr 2020 19:06

Tgt Ion: 93 Resp: 784517
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.4 39.6
 123 11.2 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 50.820 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

Instrument :

BNA_F

ClientSampleId :

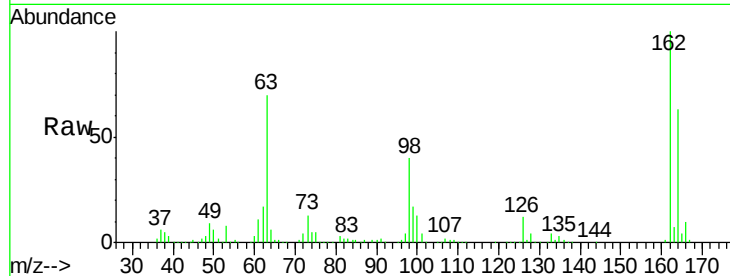
Tot Ion:162 Resp: 532371

Ion Ratio Lower Upper

162 100

164 62.8 44.4 84.4

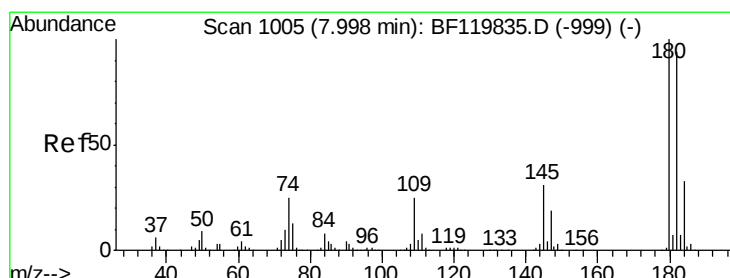
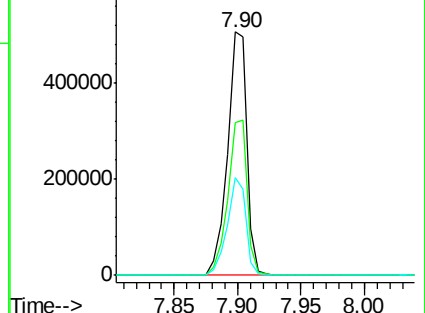
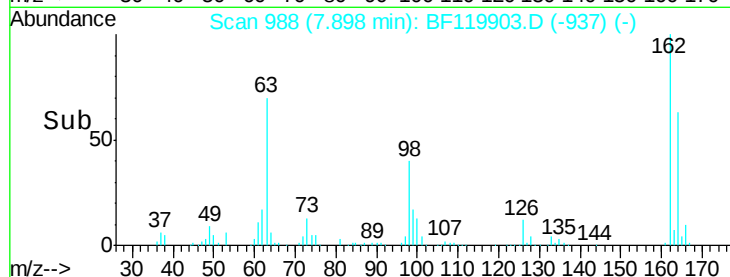
98 40.2 17.3 57.3



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: 48.749 ng

RT: 7.98 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

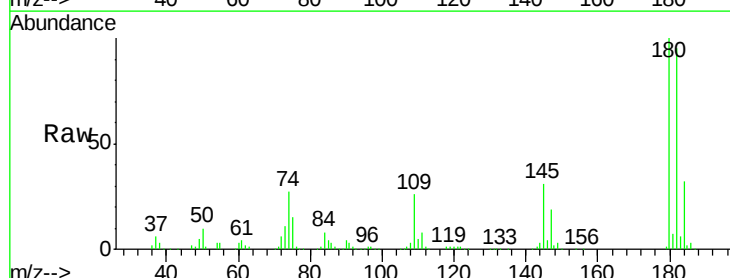
Tgt Ion:180 Resp: 578640

Ion Ratio Lower Upper

180 100

182 95.5 75.4 113.0

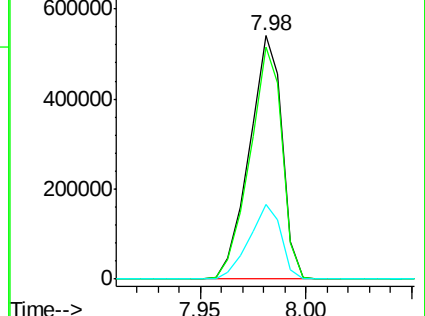
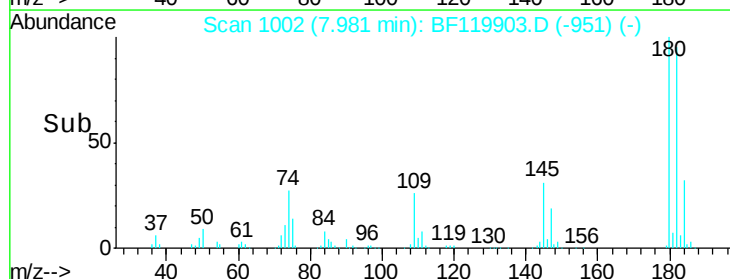
145 30.7 24.6 37.0

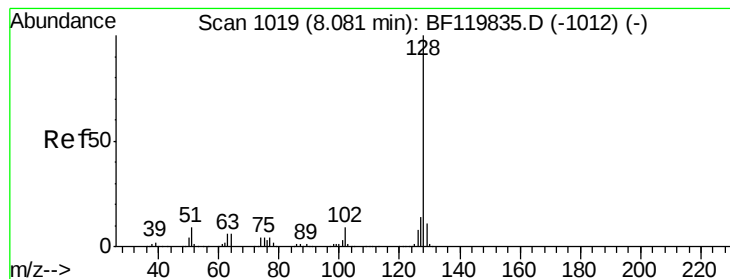


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 50.371 ng

RT: 8.06 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

Instrument :

BNA_F

ClientSampleId :

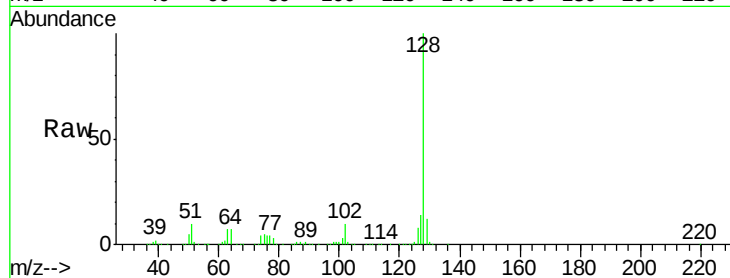
Tot Ion:128 Resp: 1848545

Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.6

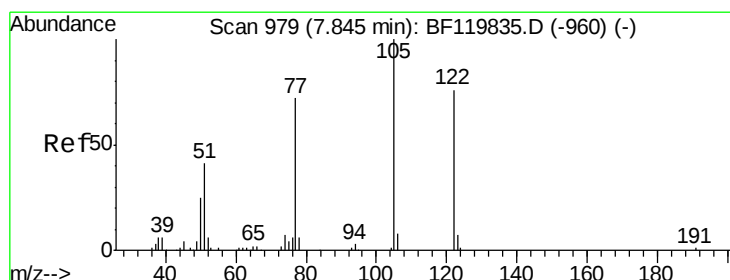
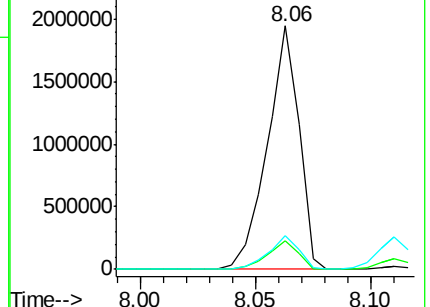
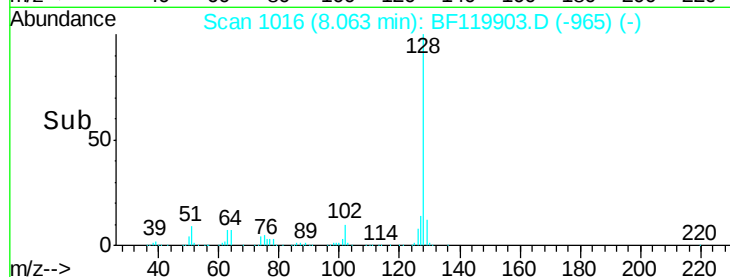
127 13.8 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 12.333 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.04 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

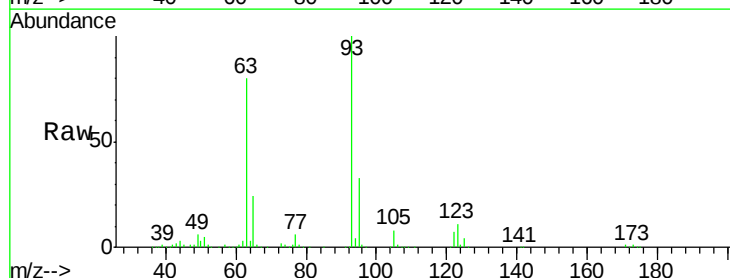
Tgt Ion:122 Resp: 110696

Ion Ratio Lower Upper

122 100

105 120.7 106.7 146.7

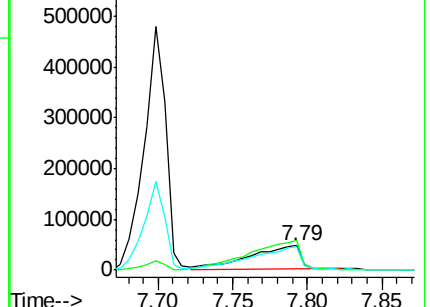
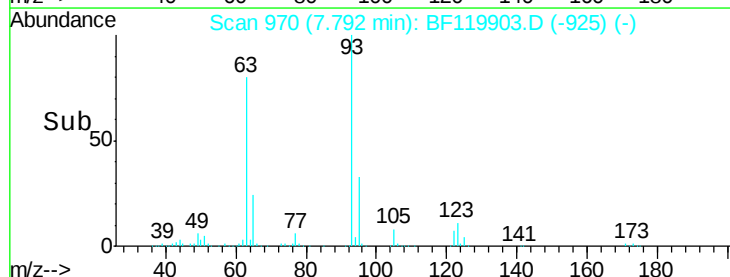
77 95.1 72.1 112.1

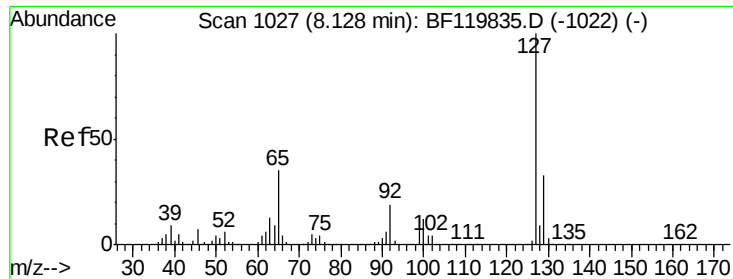


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

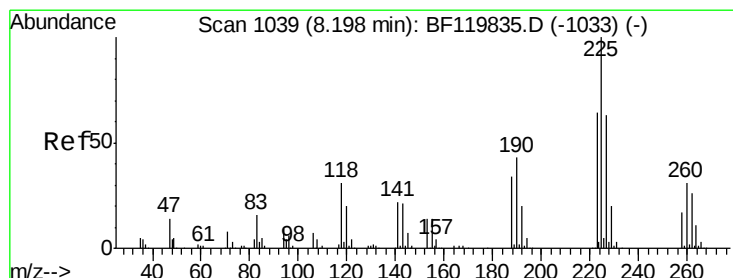
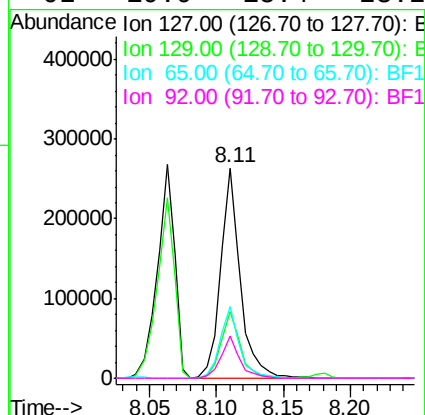
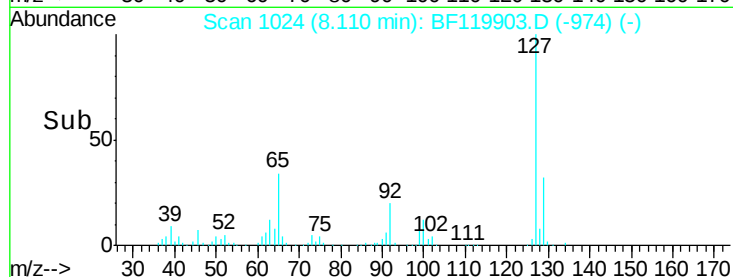
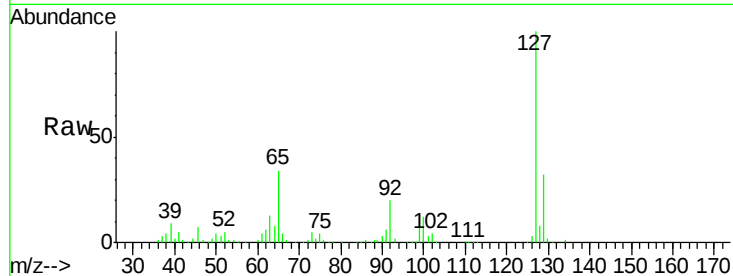




#33
4-Chloroaniline
Concen: 17.092 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

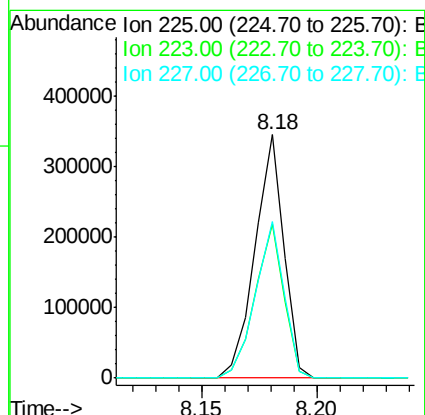
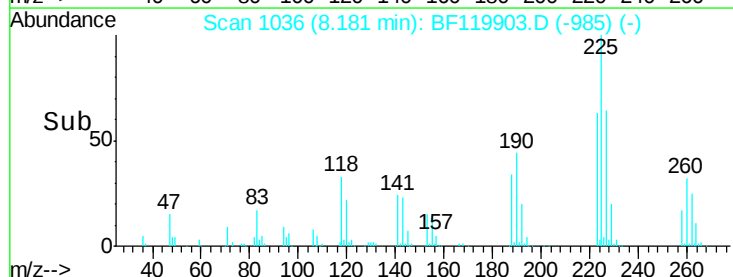
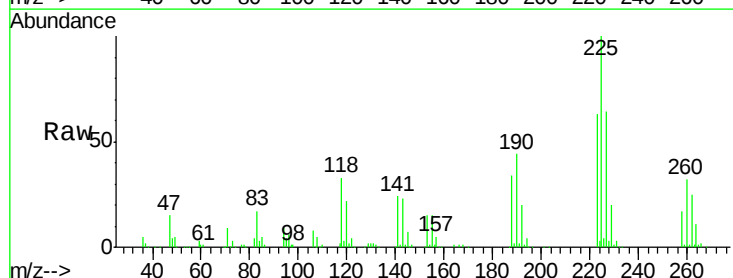
Instrument :
BNA_F
ClientSampleId :

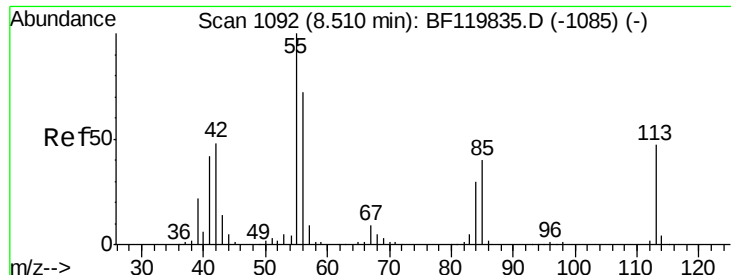
Tot Ion:	127	Resp:	273070
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.2	39.2
65	34.0	28.3	42.5
92	19.9	15.4	23.2



#34
Hexachlorobutadiene
Concen: 42.560 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

Tgt Ion:	225	Resp:	302398
Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.0	76.6
227	64.1	50.4	75.6

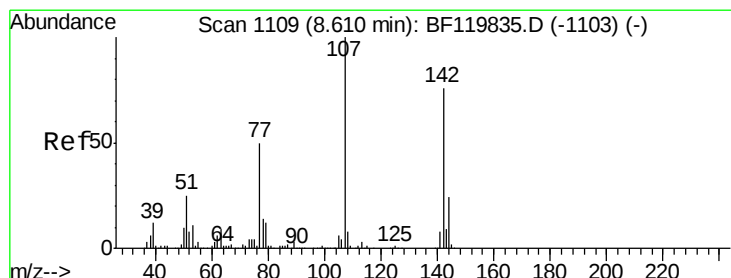
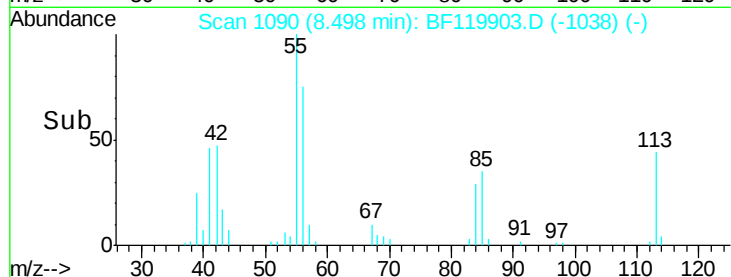
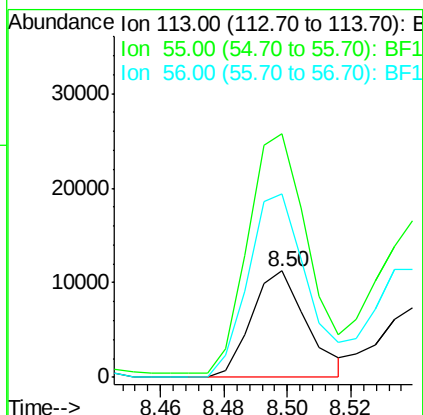
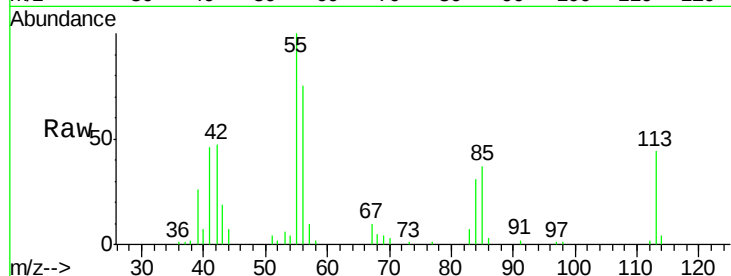




#35
 Caprolactam
 Concen: 4.271 ng
 RT: 8.50 min Scan# 1090
 Delta R.T. 0.01 min
 Lab File: BF119903.D
 Acq: 10 Apr 2020 19:06

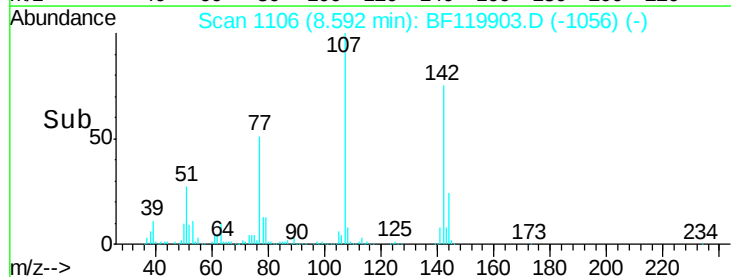
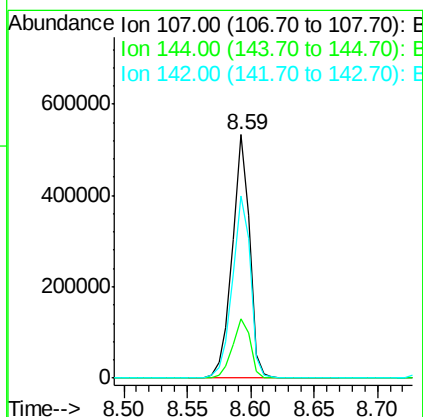
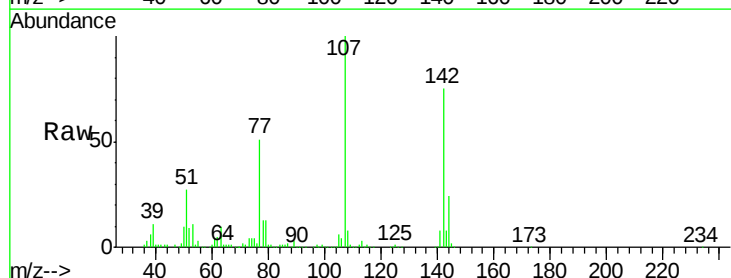
Instrument :
 BNA_F
 ClientSampled :

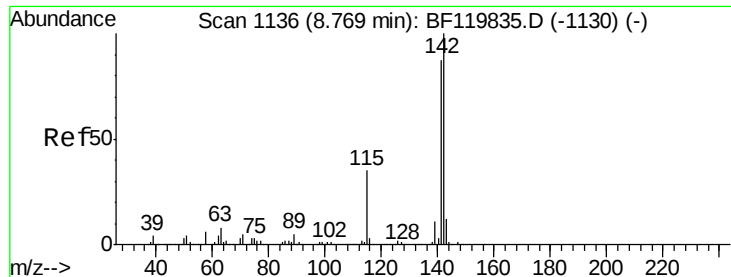
Tot Ion:113 Resp: 13686
 Ion Ratio Lower Upper
 113 100
 55 229.5 192.7 232.7
 56 172.4 133.3 173.3



#36
 4-Chloro-3-methylphenol
 Concen: 44.150 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BF119903.D
 Acq: 10 Apr 2020 19:06

Tgt Ion:107 Resp: 500726
 Ion Ratio Lower Upper
 107 100
 144 24.1 19.5 29.3
 142 74.8 60.5 90.7

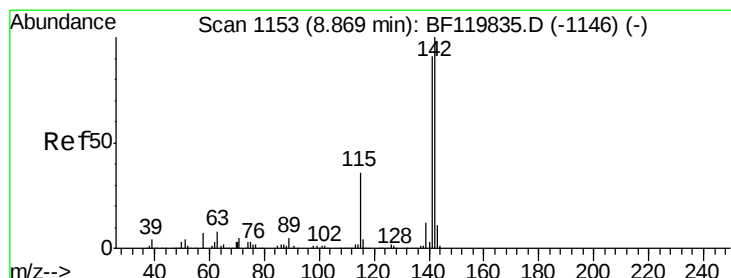
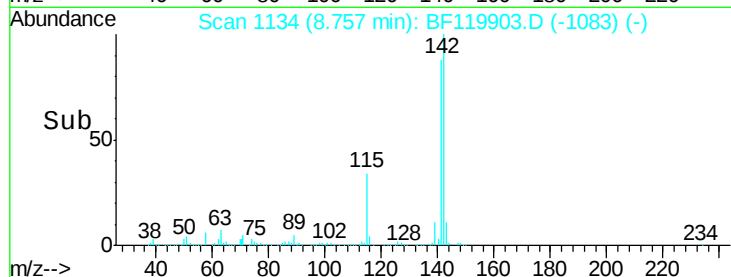
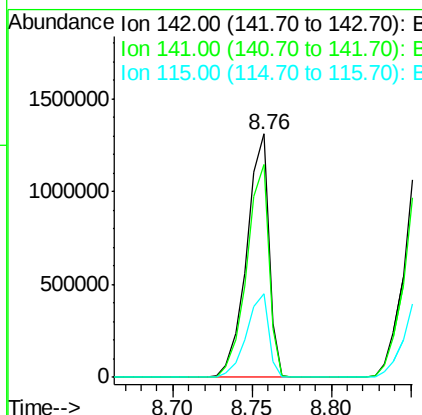
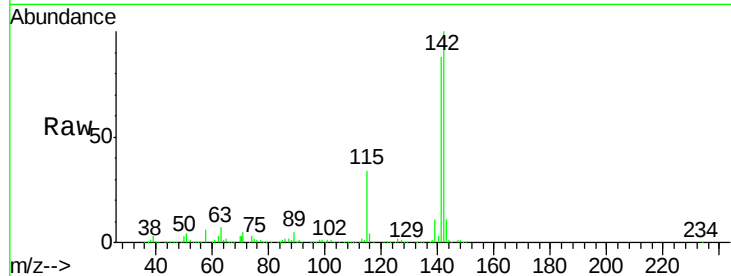




#37
 2-Methylnaphthalene
 Concen: 50.951 ng
 RT: 8.76 min Scan# 1134
 Delta R.T. 0.00 min
 Lab File: BF119903.D
 Acq: 10 Apr 2020 19:06

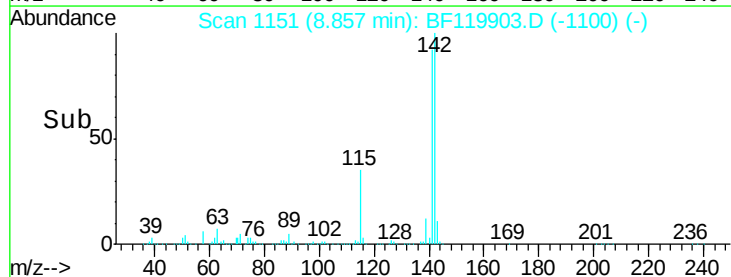
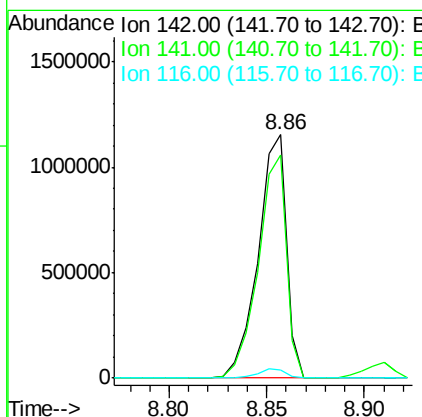
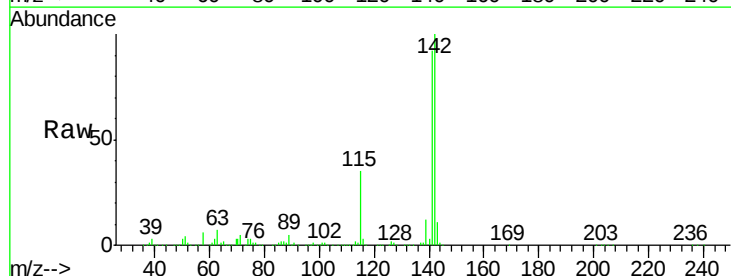
Instrument :
 BNA_F
 ClientSampleId :

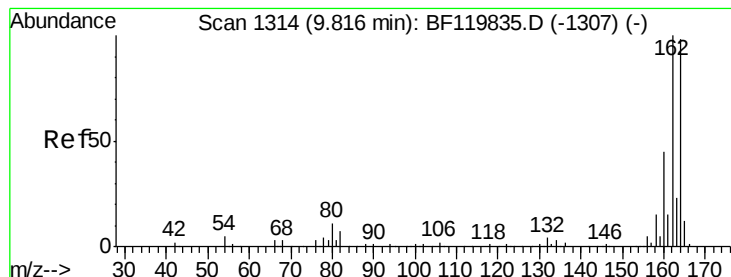
Tot Ion:142 Resp: 1267689
 Ion Ratio Lower Upper
 142 100
 141 87.6 69.9 104.9
 115 34.1 28.0 42.0



#38
 1-Methylnaphthalene
 Concen: 49.510 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF119903.D
 Acq: 10 Apr 2020 19:06

Tgt Ion:142 Resp: 1161067
 Ion Ratio Lower Upper
 142 100
 141 91.9 72.9 109.3
 116 3.5 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

Instrument :

BNA_F

ClientSampleId :

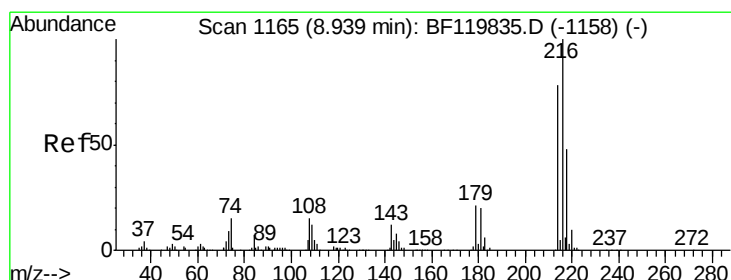
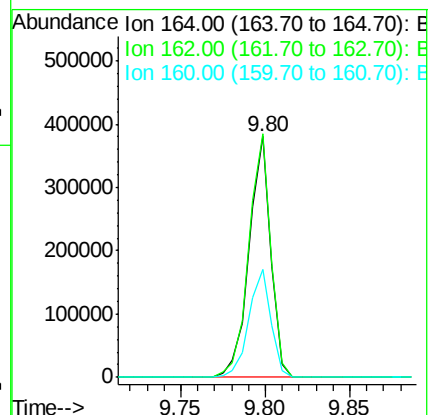
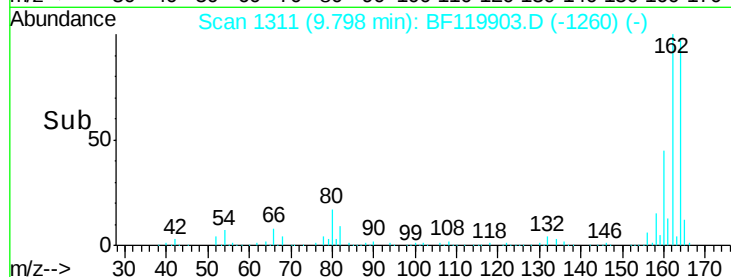
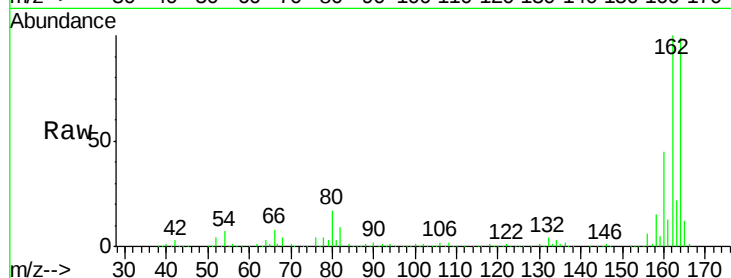
Tot Ion:164 Resp: 341625

Ion Ratio Lower Upper

164 100

162 101.2 81.9 122.9

160 45.1 36.6 54.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.996 ng

RT: 8.92 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

Tgt Ion:216 Resp: 528668

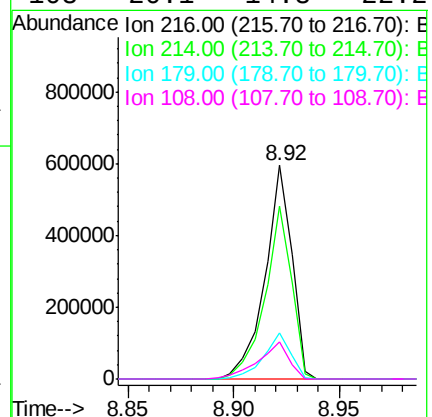
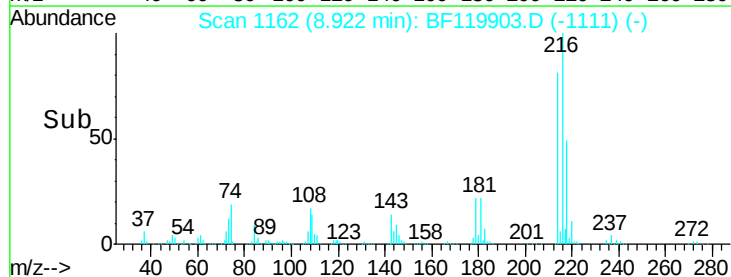
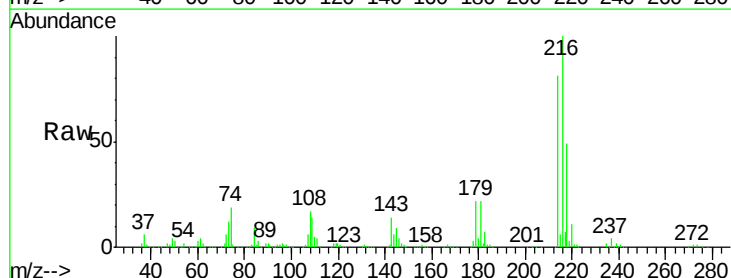
Ion Ratio Lower Upper

216 100

214 80.3 63.1 94.7

179 21.7 17.0 25.4

108 20.1 14.8 22.2





#41

Hexachlorocyclopentadiene

Concen: 94.321 ng

RT: 8.91 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

Instrument :

BNA_F

ClientSampleId :

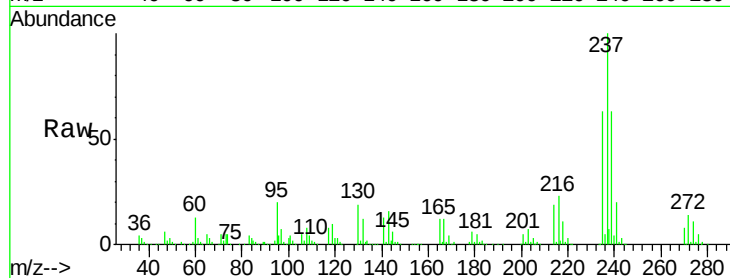
Tot Ion:237 Resp: 578718

Ion Ratio Lower Upper

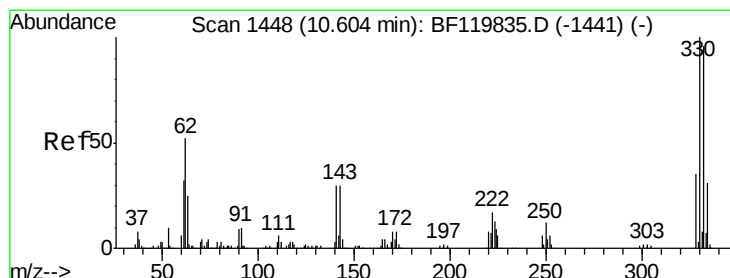
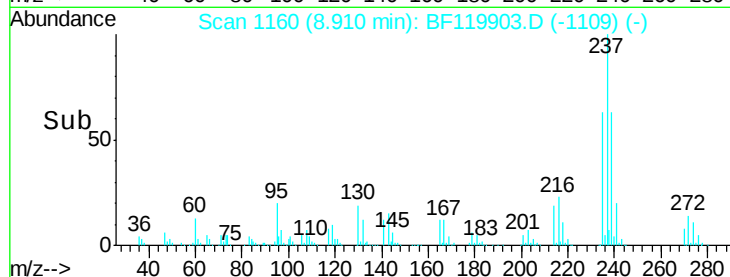
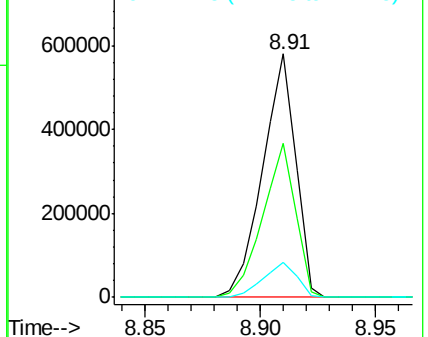
237 100

235 63.2 44.9 84.9

272 14.3 0.0 33.6



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: 145.438 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.01 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

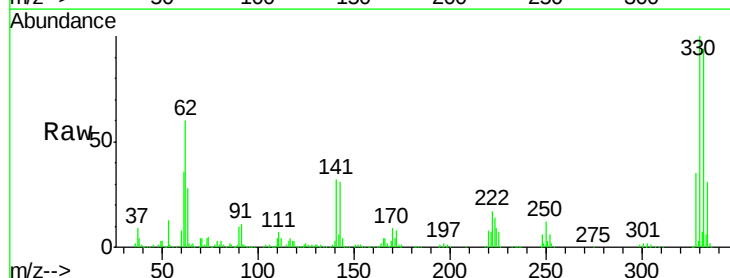
Tgt Ion:330 Resp: 608318

Ion Ratio Lower Upper

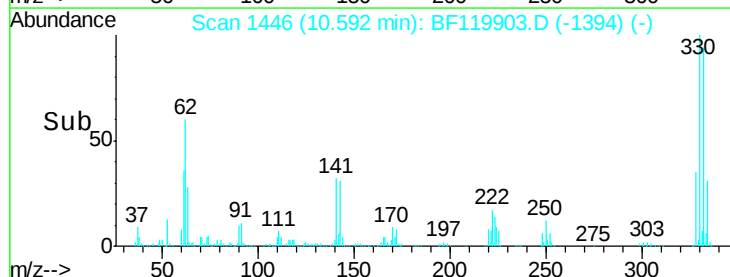
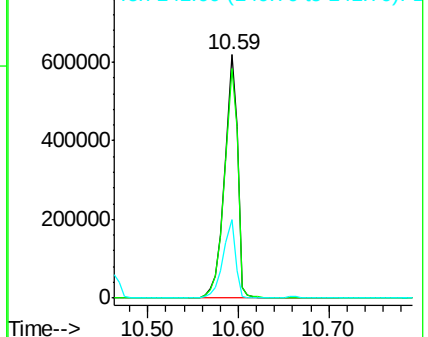
330 100

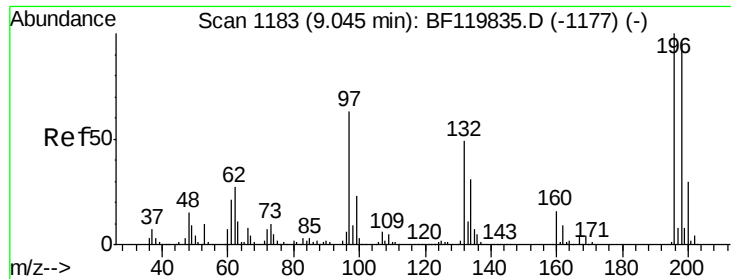
332 96.2 76.8 115.2

141 30.8 25.1 37.7



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

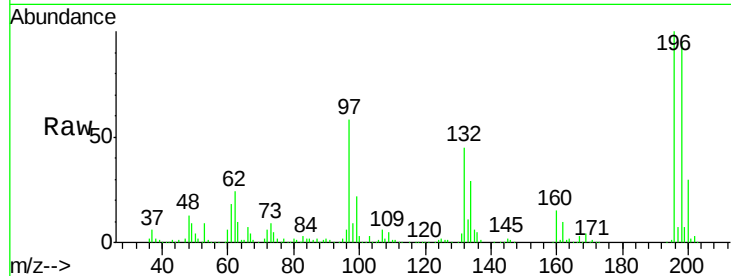




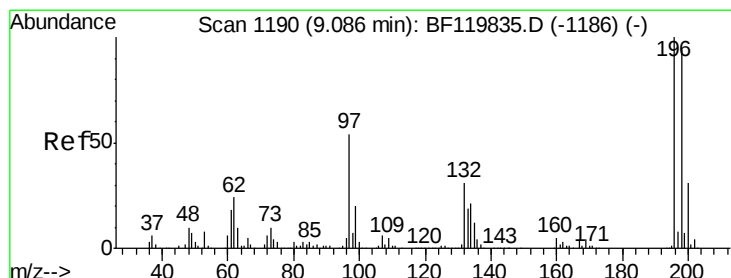
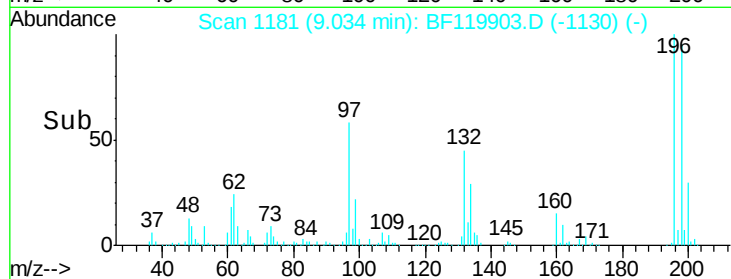
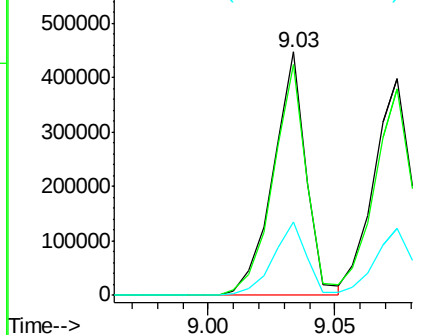
#43
 2,4,6-Trichlorophenol
 Concen: 54.655 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BF119903.D
 Acq: 10 Apr 2020 19:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 407232
 Ion Ratio Lower Upper
 196 100
 198 94.8 76.6 115.0
 200 30.1 24.2 36.2

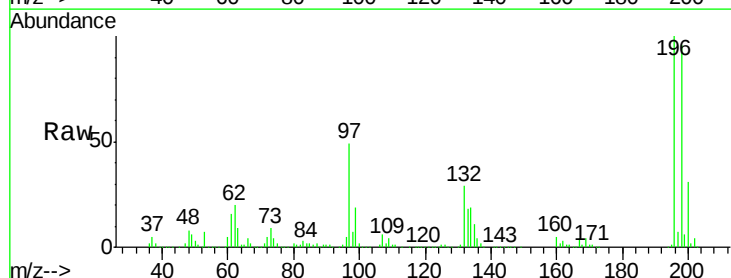


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

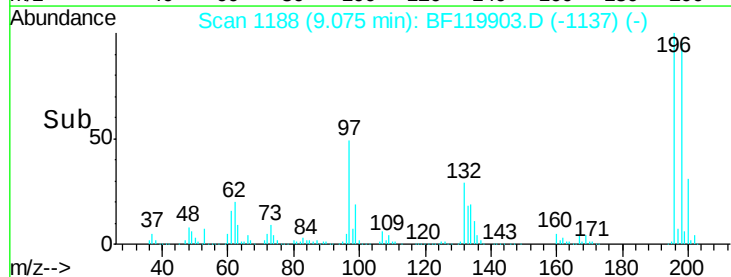
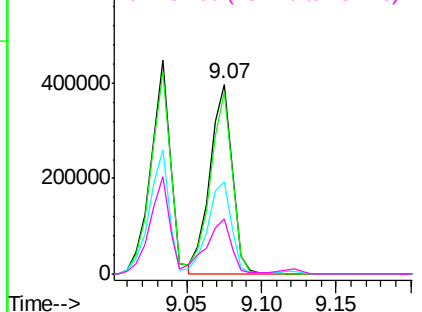


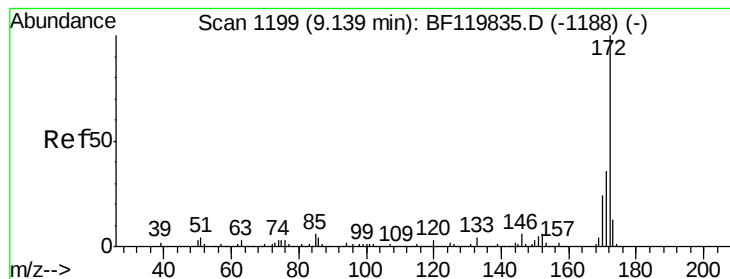
#44
 2,4,5-Trichlorophenol
 Concen: 49.217 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF119903.D
 Acq: 10 Apr 2020 19:06

Tgt Ion:196 Resp: 413030
 Ion Ratio Lower Upper
 196 100
 198 95.5 75.1 112.7
 97 48.5 43.4 65.2
 132 29.0 24.5 36.7



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: 100.992 ng

RT: 9.12 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

Instrument :

BNA_F

ClientSampleId :

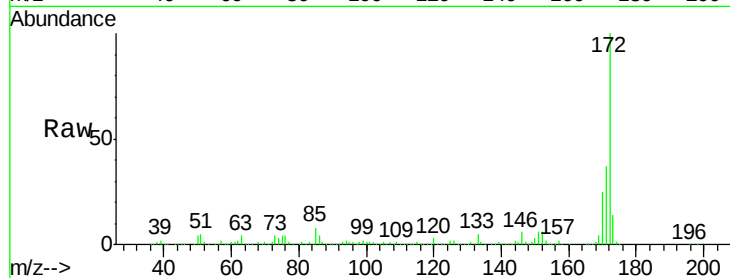
Tot Ion:172 Resp: 2430051

Ion Ratio Lower Upper

172 100

171 36.7 28.9 43.3

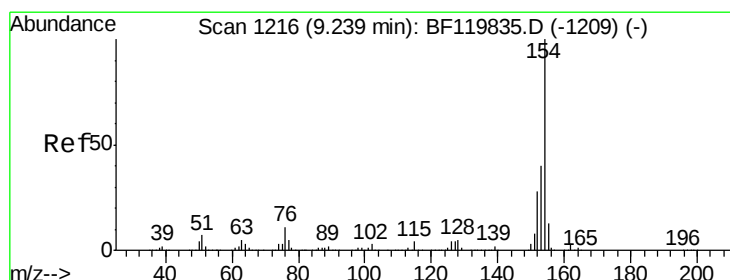
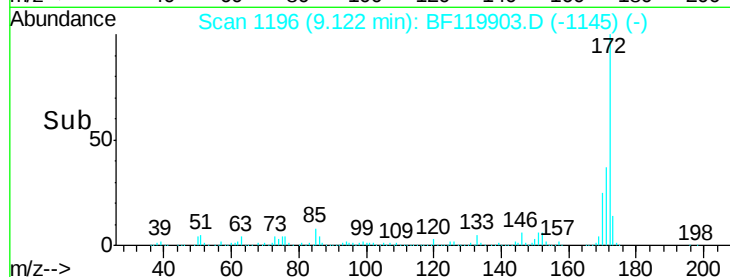
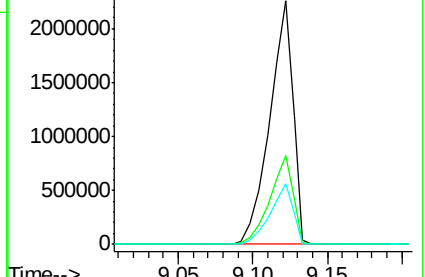
170 24.8 19.4 29.2



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: 54.486 ng

RT: 9.22 min Scan# 1213

Delta R.T. 0.00 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

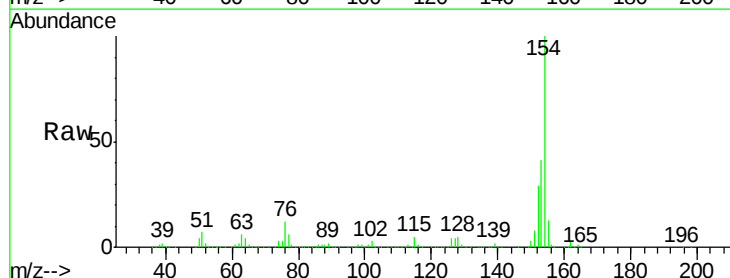
Tgt Ion:154 Resp: 1571101

Ion Ratio Lower Upper

154 100

153 40.7 20.5 60.5

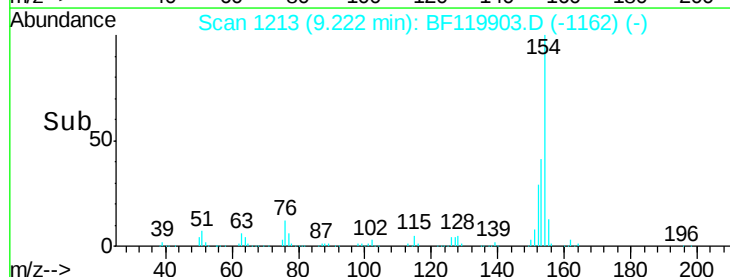
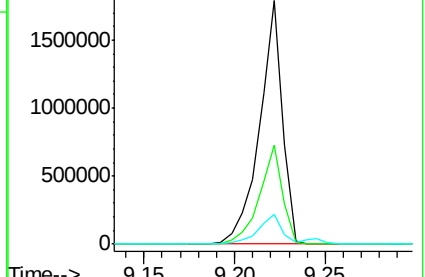
76 12.1 0.0 30.6

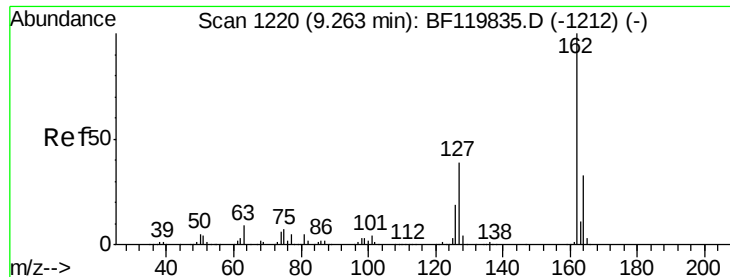


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

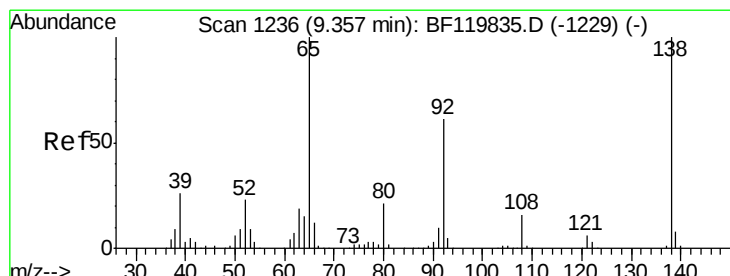
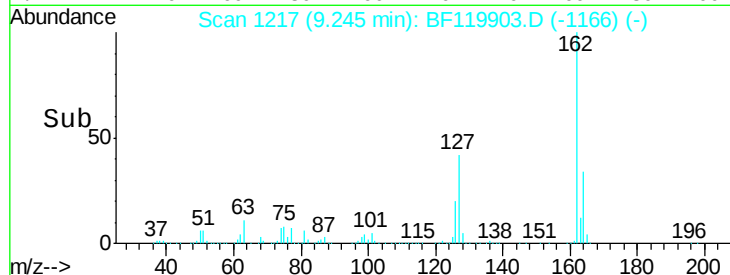
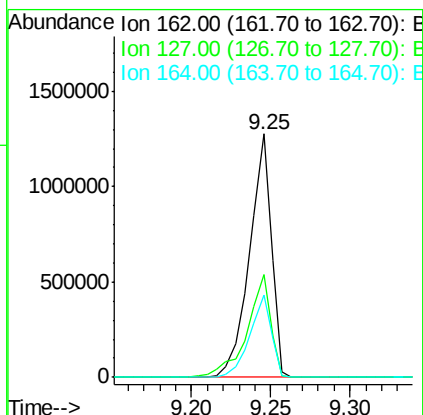
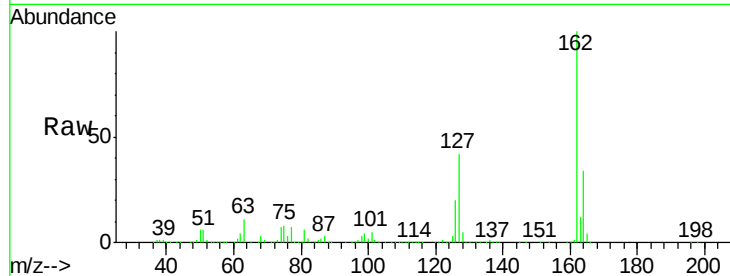




#47
 2-Chloronaphthalene
 Concen: 54.724 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF119903.D
 Acq: 10 Apr 2020 19:06

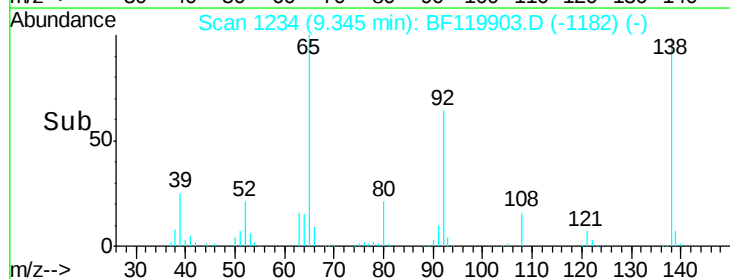
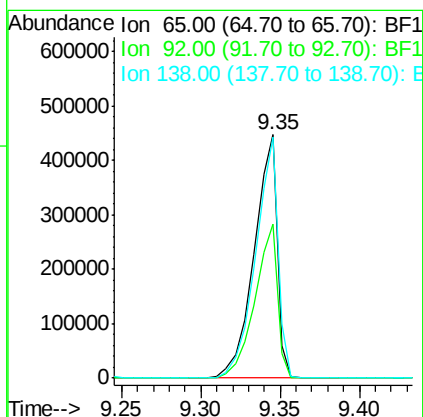
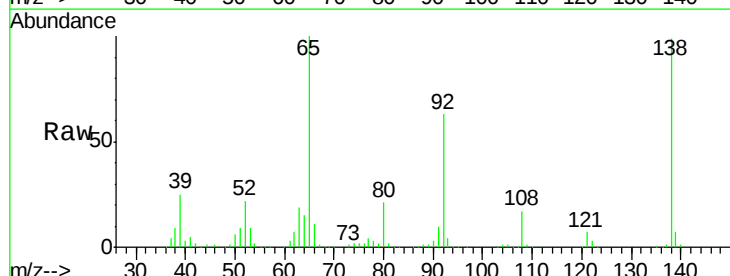
Instrument :
 BNA_F
 ClientSampleId :

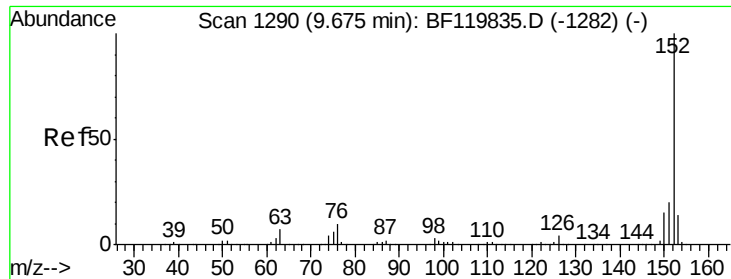
Tot Ion:162 Resp: 1215588
 Ion Ratio Lower Upper
 162 100
 127 42.5 31.2 46.8
 164 33.6 26.3 39.5



#48
 2-Nitroaniline
 Concen: 56.296 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.01 min
 Lab File: BF119903.D
 Acq: 10 Apr 2020 19:06

Tgt Ion: 65 Resp: 453166
 Ion Ratio Lower Upper
 65 100
 92 63.5 49.0 73.6
 138 99.0 79.7 119.5





#49

Acenaphthylene

Concen: 50.890 ng

RT: 9.66 min Scan# 1288

Delta R.T. 0.00 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

Instrument :

BNA_F

ClientSampleId :

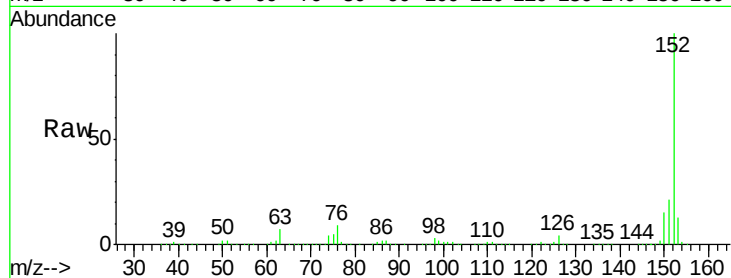
Tot Ion:152 Resp: 1719154

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.4

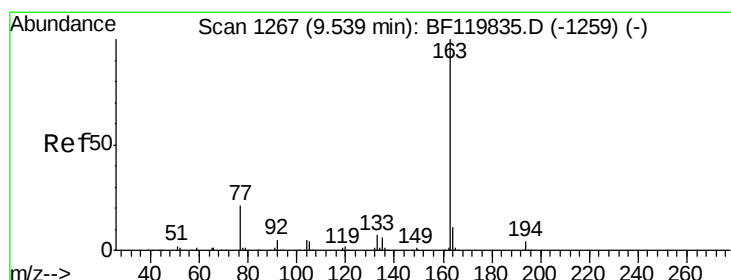
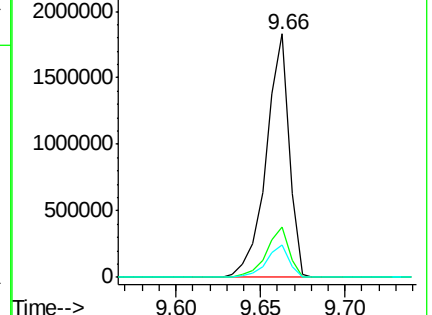
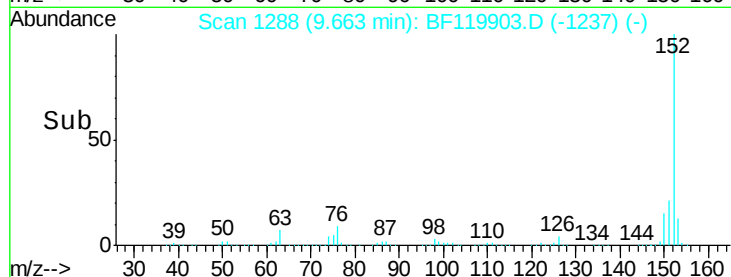
153 13.4 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 56.591 ng

RT: 9.53 min Scan# 1266

Delta R.T. 0.01 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

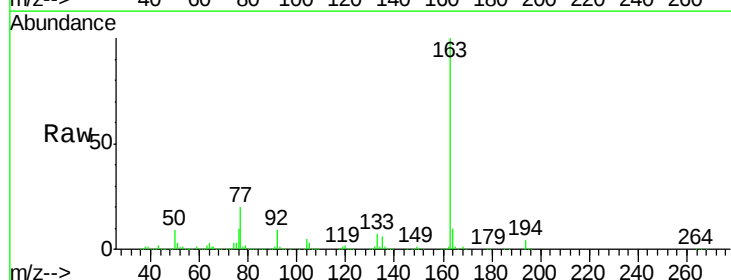
Tgt Ion:163 Resp: 1495381

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.4

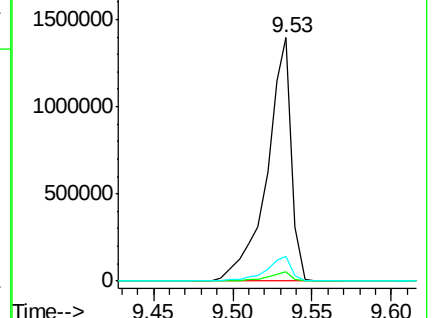
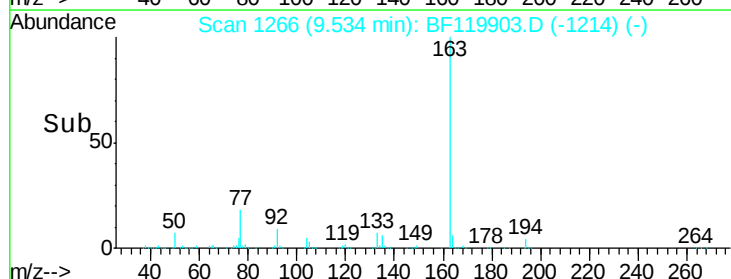
164 10.3 8.4 12.6

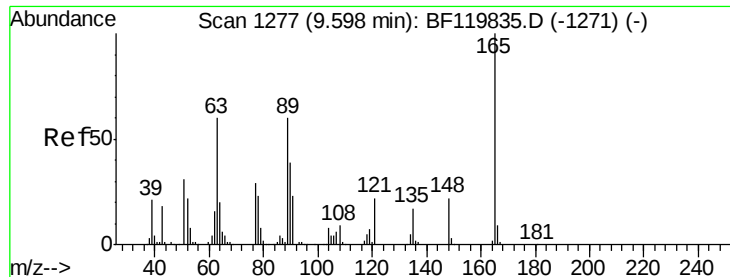


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

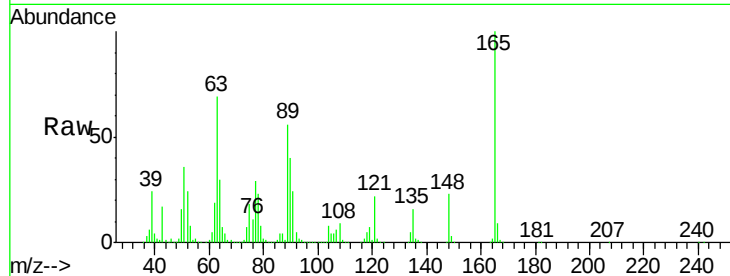




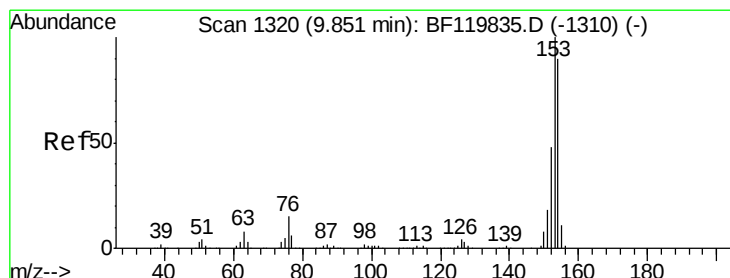
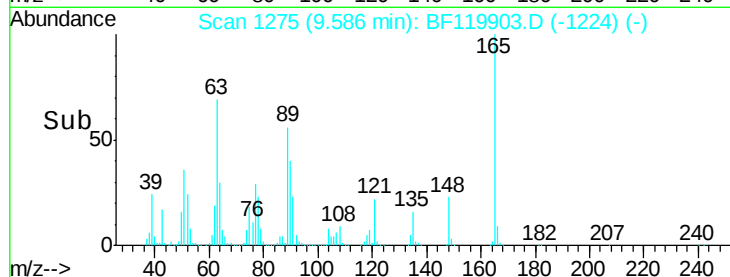
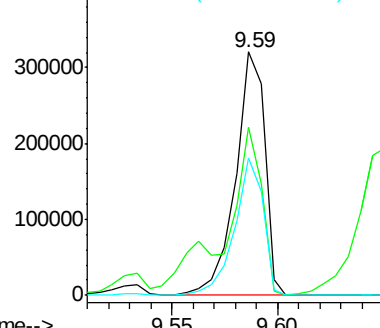
#51
2,6-Dinitrotoluene
Concen: 53.797 ng
RT: 9.59 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 311297
Ion Ratio Lower Upper
165 100
63 68.9 55.6 83.4
89 56.4 47.9 71.9

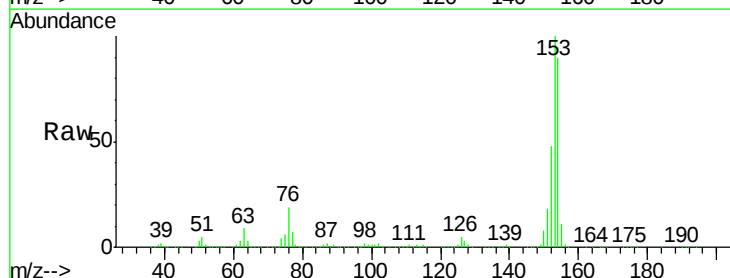


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

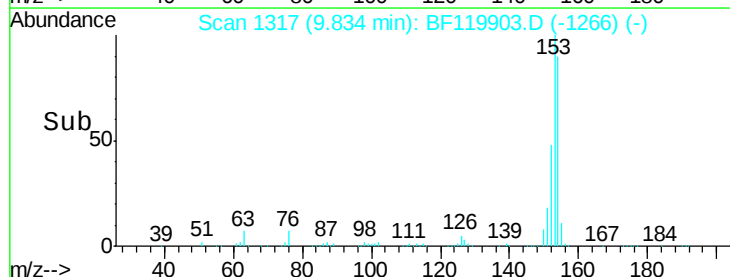
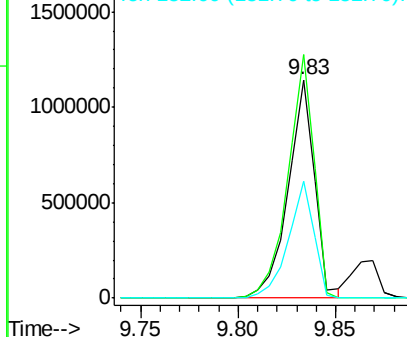


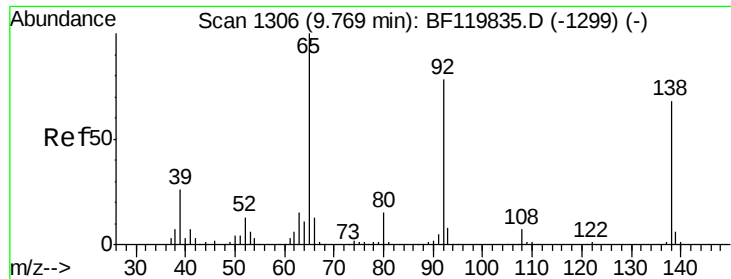
#52
Acenaphthene
Concen: 47.710 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

Tgt Ion:154 Resp: 1075133
Ion Ratio Lower Upper
154 100
153 111.6 88.8 133.2
152 53.7 42.4 63.6



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

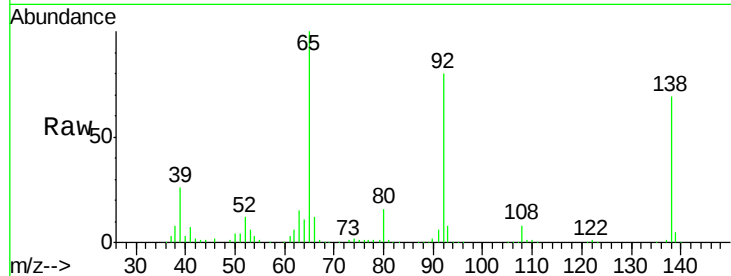




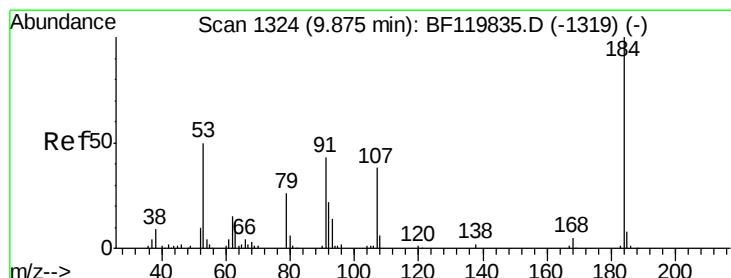
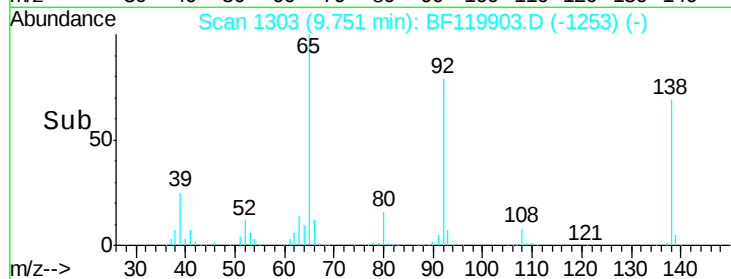
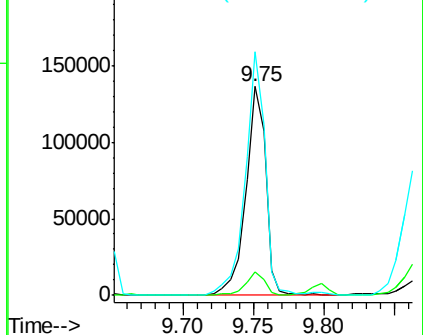
#53
3-Nitroaniline
Concen: 20.497 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 135458
Ion Ratio Lower Upper
138 100
108 11.2 8.0 12.0
92 116.6 92.1 138.1

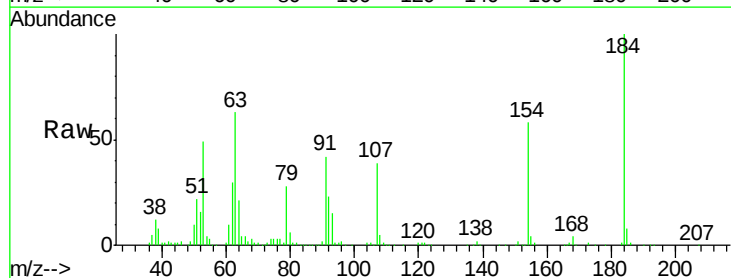


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

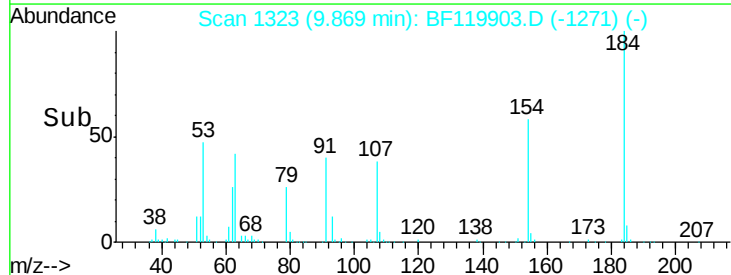
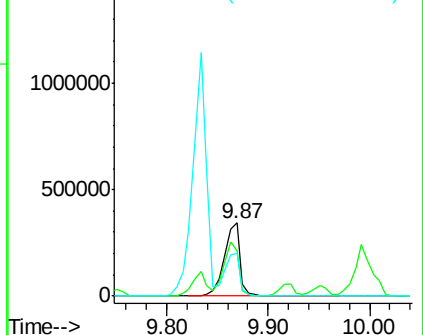


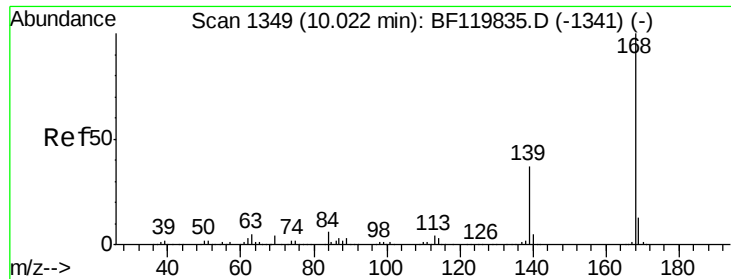
#54
2,4-Dinitrophenol
Concen: 106.364 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

Tgt Ion:184 Resp: 368483
Ion Ratio Lower Upper
184 100
63 62.9 49.8 74.6
154 58.1 46.5 69.7



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

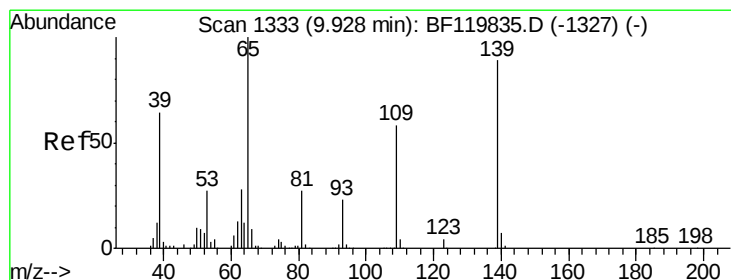
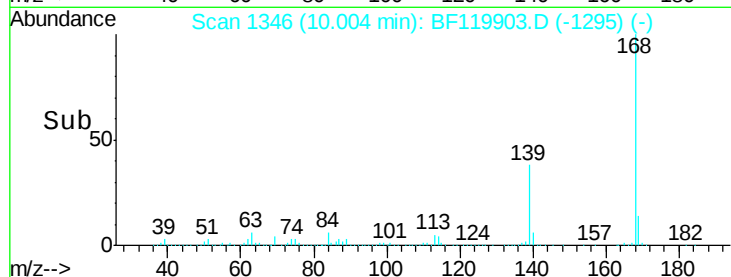
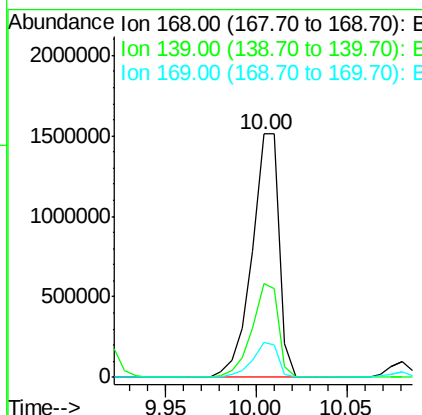
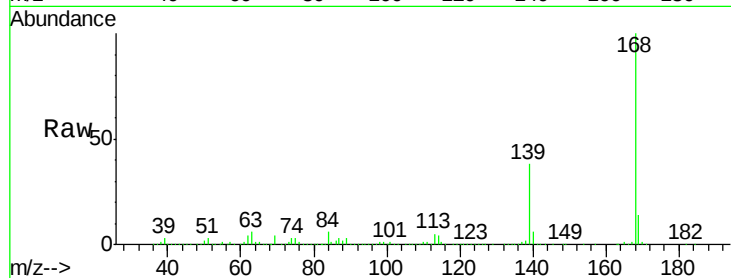




#55
Dibenzofuran
Concen: 50.960 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

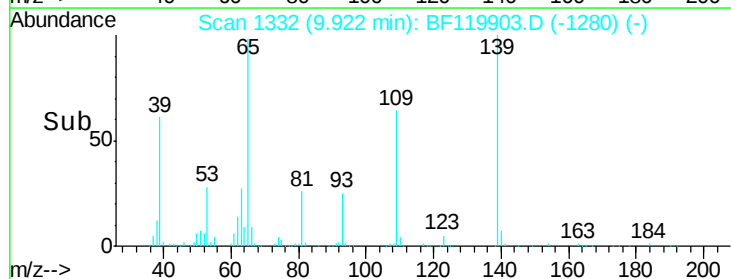
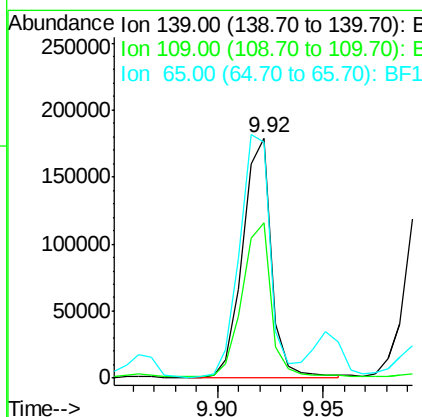
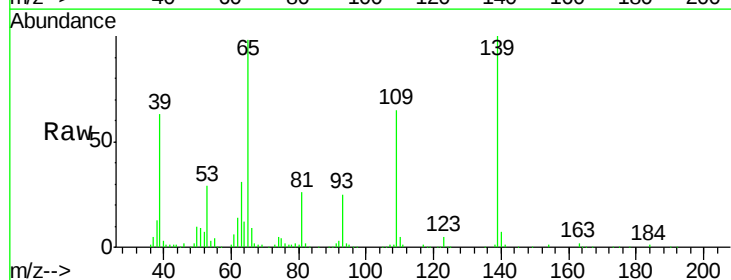
Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1575856
Ion Ratio Lower Upper
168 100
139 38.4 29.8 44.6
169 14.2 10.6 15.8



#56
4-Nitrophenol
Concen: 34.270 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

Tgt Ion:139 Resp: 168514
Ion Ratio Lower Upper
139 100
109 64.8 45.5 85.5
65 98.3 92.3 132.3

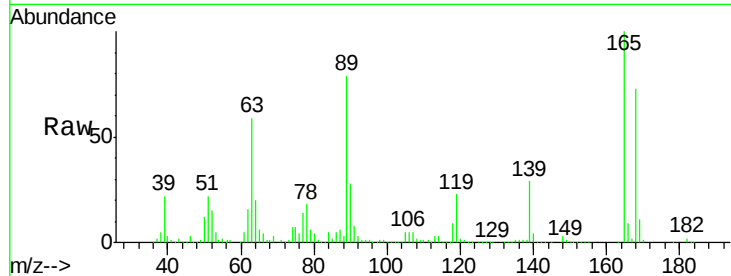




#57
 2,4-Dinitrotoluene
 Concen: 52.534 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. 0.01 min
 Lab File: BF119903.D
 Acq: 10 Apr 2020 19:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	400504
Ion Ratio	Lower	Upper
165	100	
63	58.9	40.8 61.2
89	78.6	56.9 85.3
182	2.5	2.0 3.0

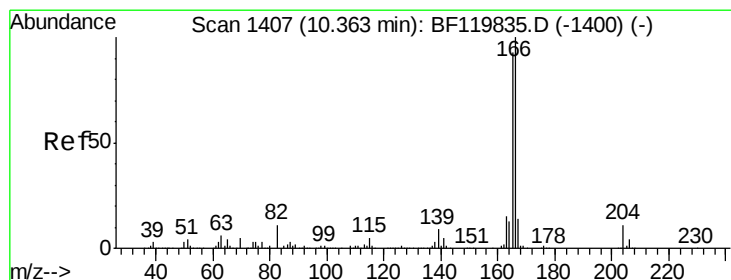
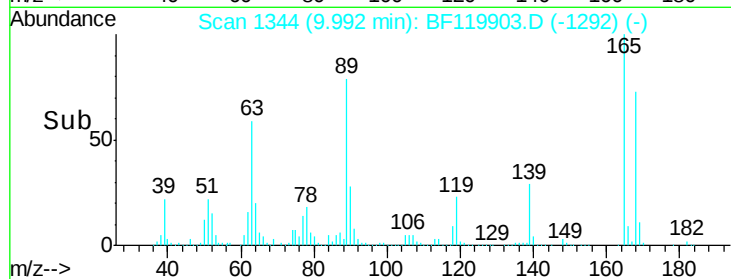
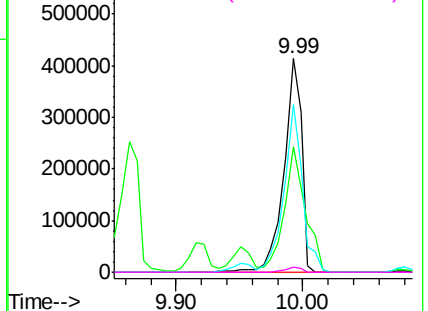


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

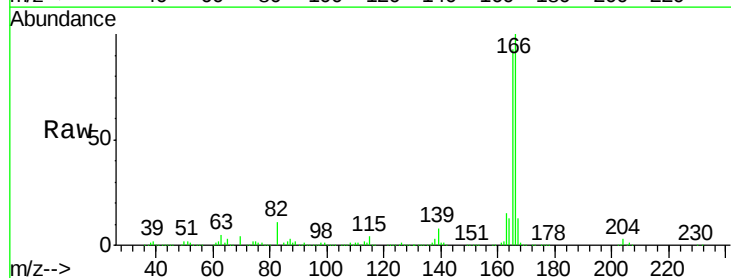
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 52.482 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. 0.01 min
 Lab File: BF119903.D
 Acq: 10 Apr 2020 19:06

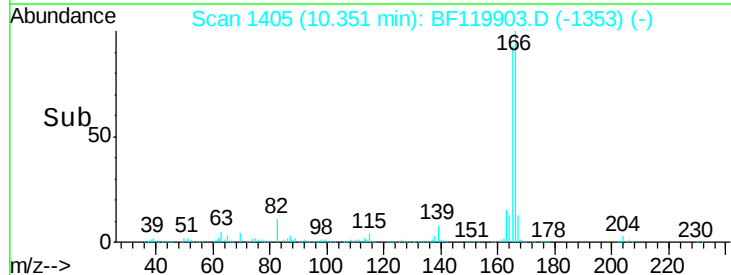
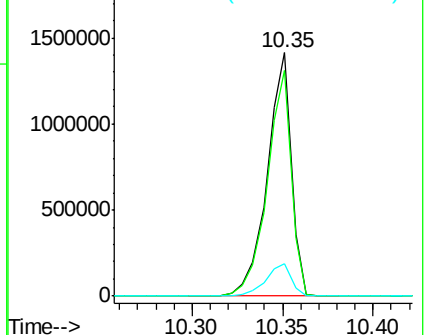
Tgt Ion:166	Resp:	1297917
Ion Ratio	Lower	Upper
166	100	
165	92.8	74.2 111.2
167	13.1	10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

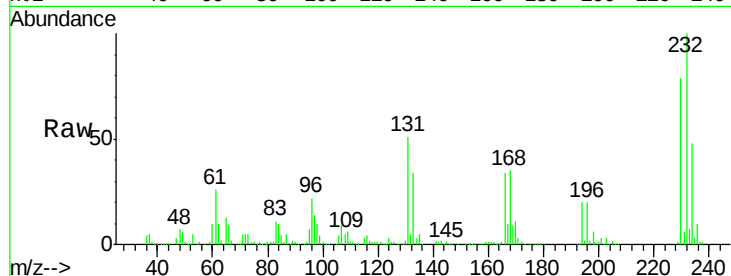




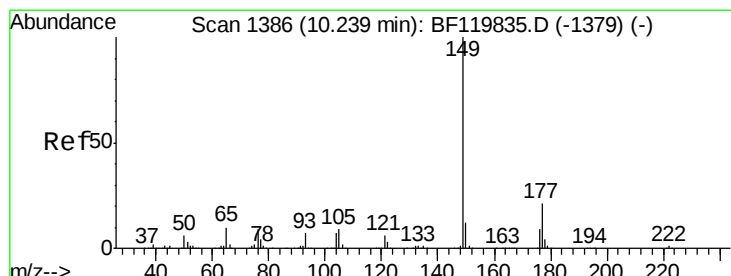
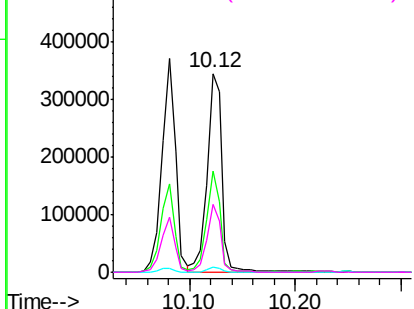
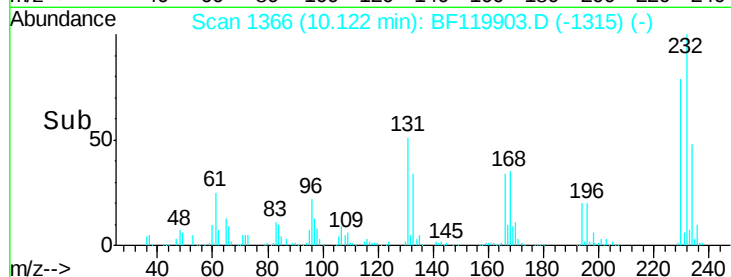
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.280 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. 0.00 min
 Lab File: BF119903.D
 Acq: 10 Apr 2020 19:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 335548
 Ion Ratio Lower Upper
 232 100
 131 46.0 37.9 56.9
 130 2.2 1.8 2.6
 166 31.8 25.4 38.0

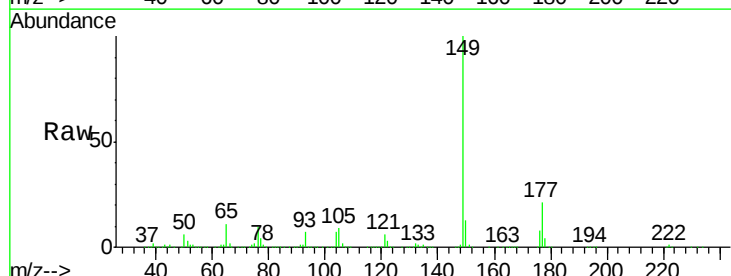


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

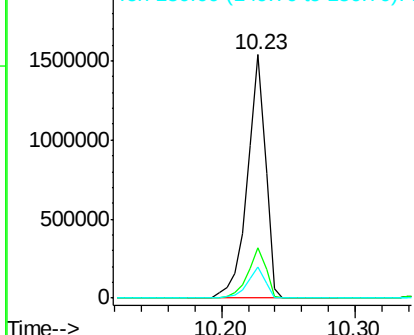
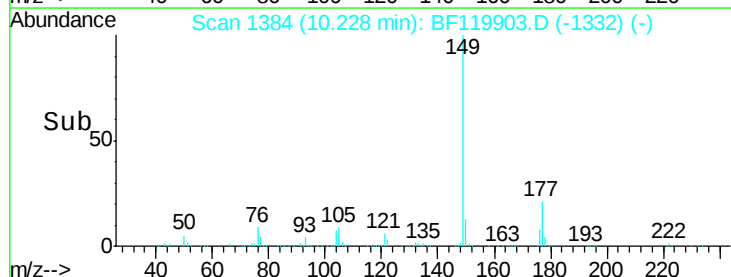


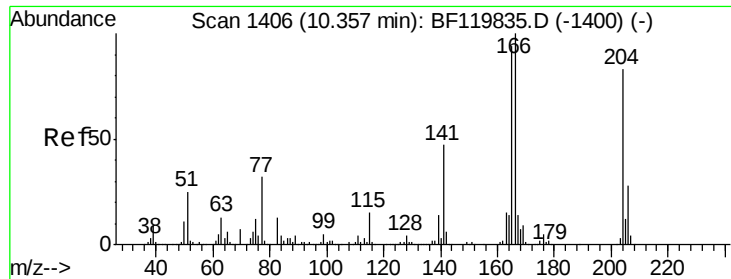
#60
 Diethylphthalate
 Concen: 51.882 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. 0.01 min
 Lab File: BF119903.D
 Acq: 10 Apr 2020 19:06

Tgt Ion:149 Resp: 1420896
 Ion Ratio Lower Upper
 149 100
 177 20.9 16.8 25.2
 150 12.7 9.8 14.6



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

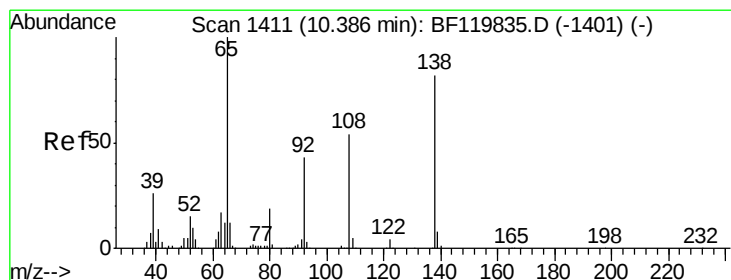
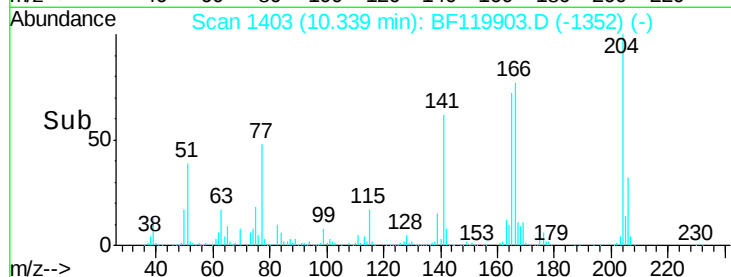
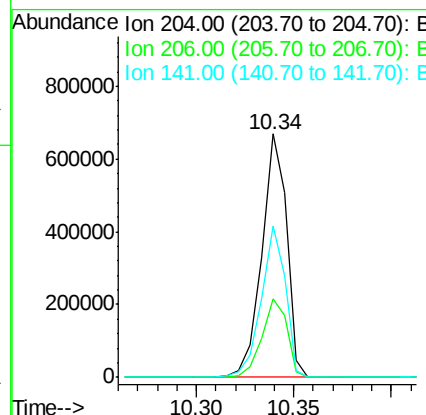
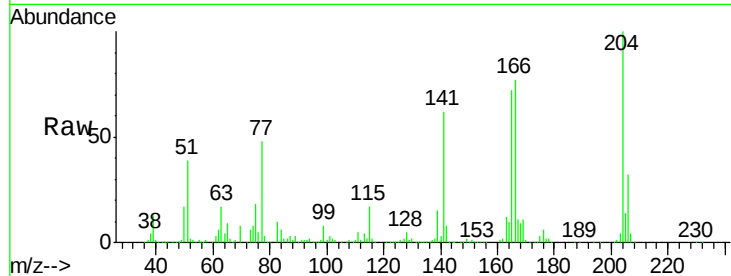




#61
4-Chlorophenyl-phenylether
Concen: 46.405 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

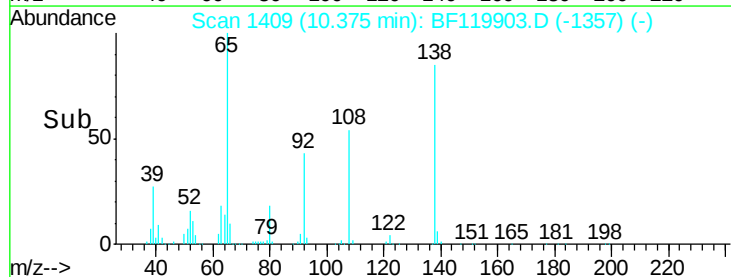
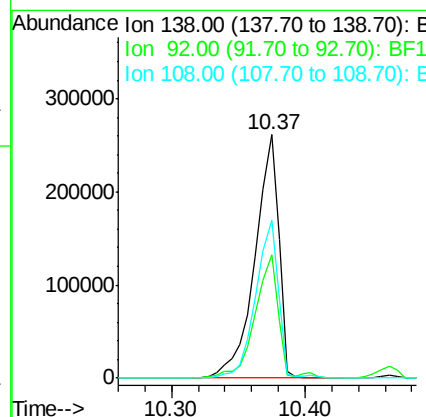
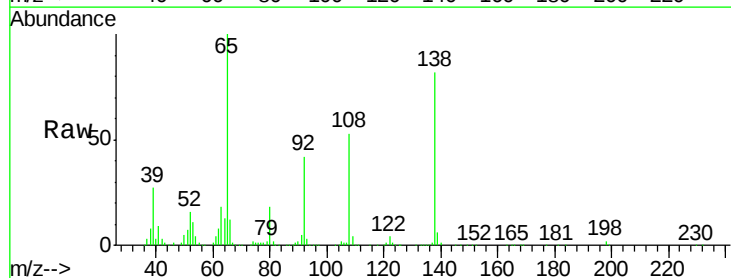
Instrument :
BNA_F
ClientSampled :

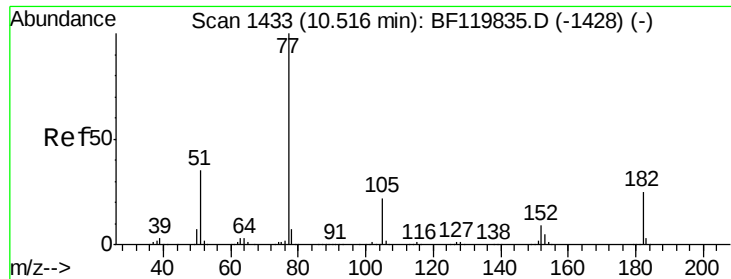
Tot Ion:204 Resp: 588209
Ion Ratio Lower Upper
204 100
206 32.5 26.7 40.1
141 62.1 45.8 68.8



#62
4-Nitroaniline
Concen: 50.539 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

Tgt Ion:138 Resp: 318299
Ion Ratio Lower Upper
138 100
92 50.8 31.6 71.6
108 64.9 45.2 85.2

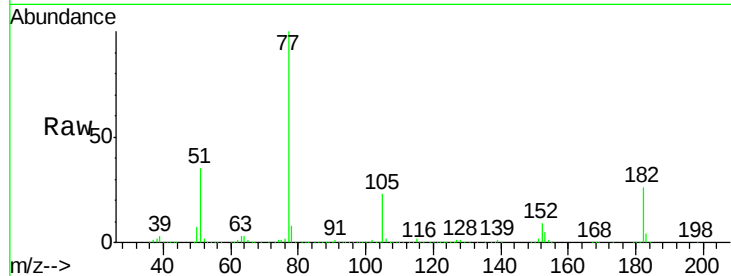




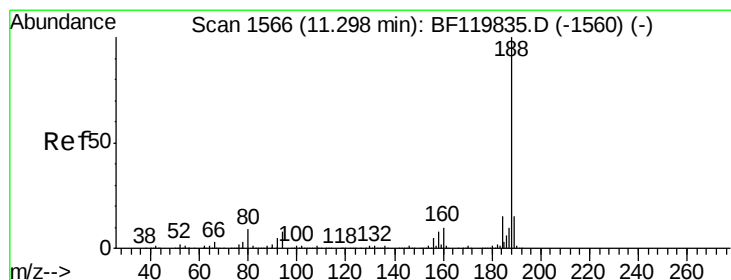
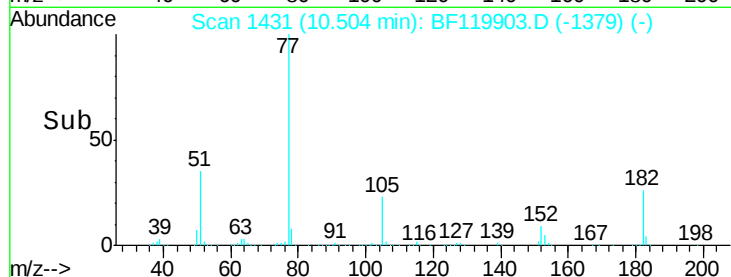
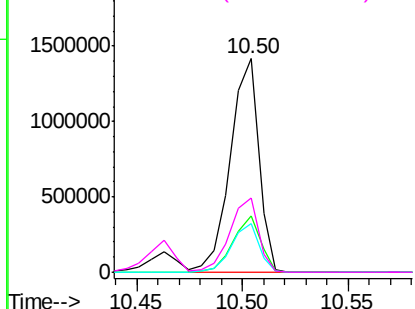
#63
Azobenzene
Concen: 53.730 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1318731
Ion Ratio Lower Upper
77 100
182 26.4 4.5 44.5
105 23.0 2.2 42.2
51 34.8 15.1 55.1

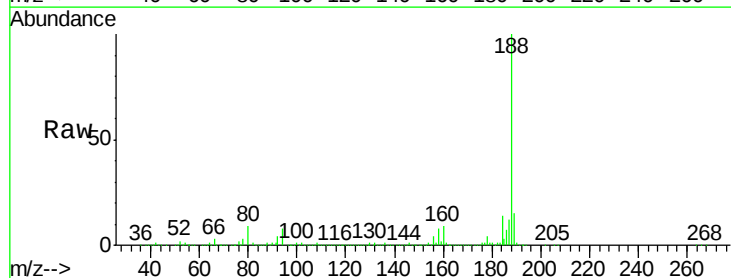


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

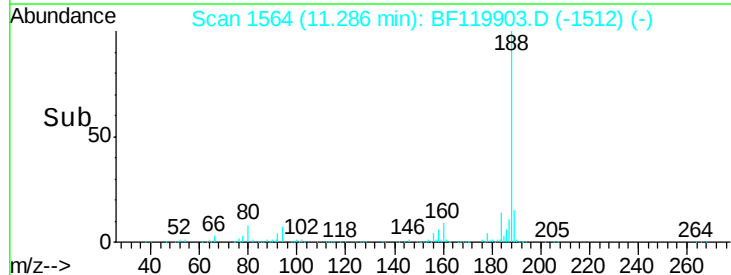
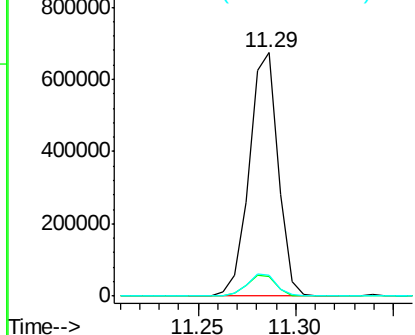


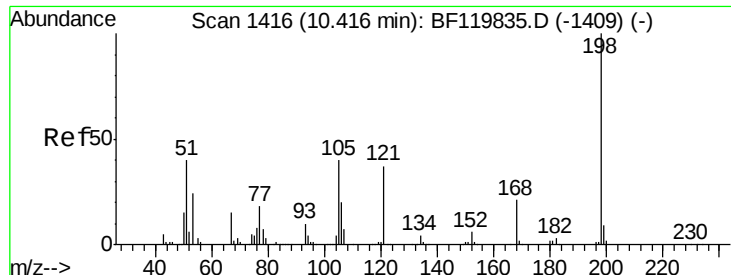
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. 0.01 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

Tgt Ion: 188 Resp: 691179
Ion Ratio Lower Upper
188 100
94 8.1 6.7 10.1
80 8.6 7.4 11.2



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

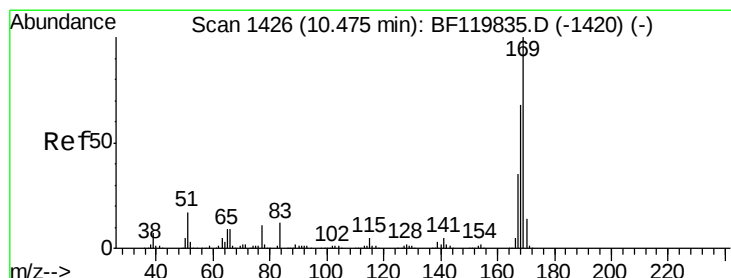
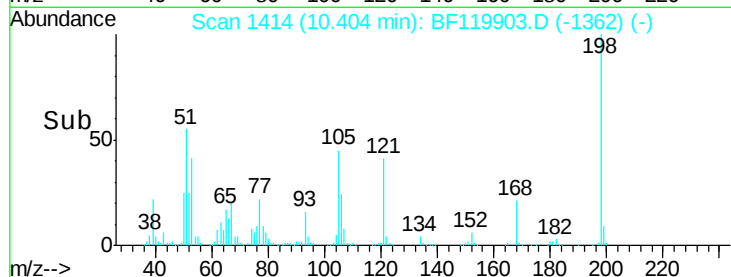
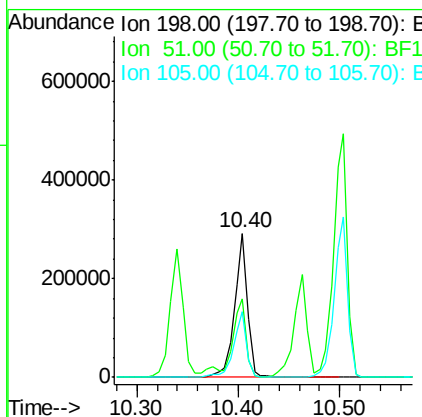
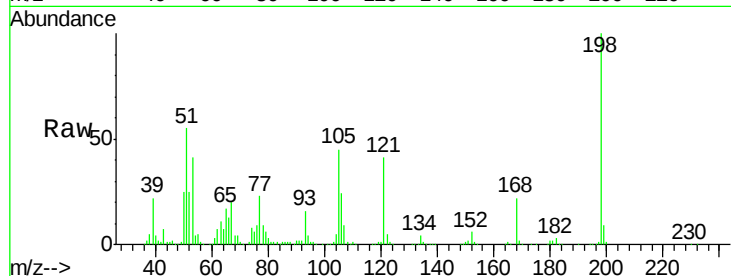




#65
 4,6-Dinitro-2-methylphenol
 Concen: 56.421 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.01 min
 Lab File: BF119903.D
 Acq: 10 Apr 2020 19:06

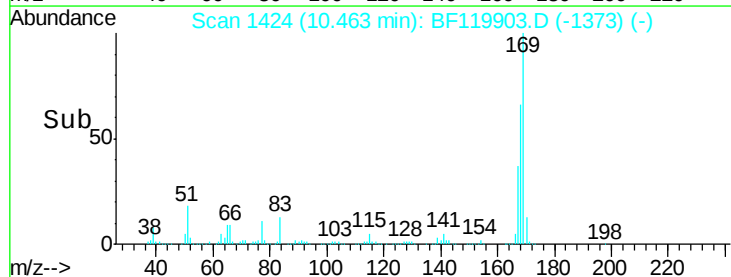
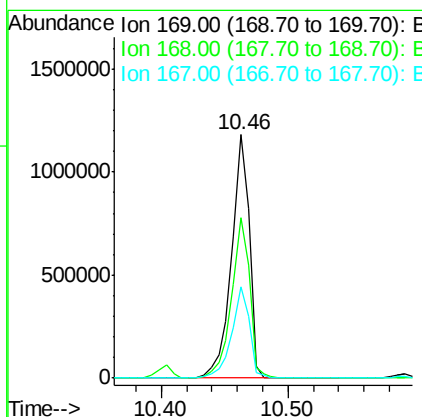
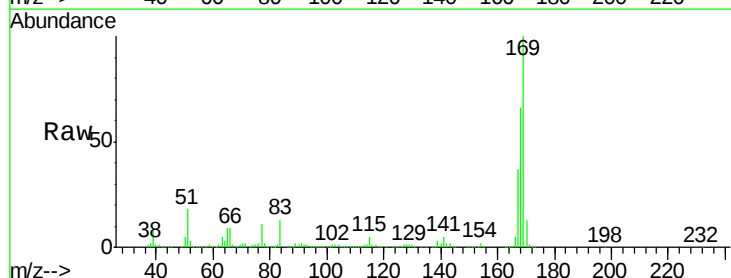
Instrument :
 BNA_F
 ClientSampleId :

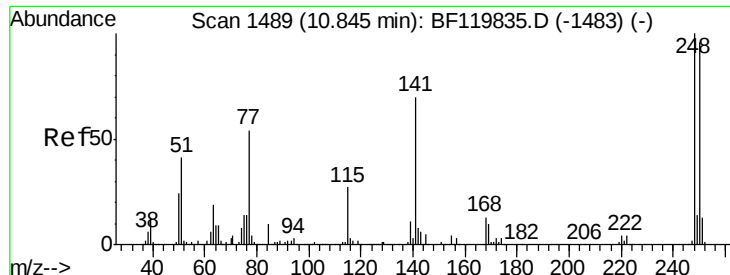
Tot Ion:198 Resp: 256914
 Ion Ratio Lower Upper
 198 100
 51 54.6 25.2 65.2
 105 45.4 20.8 60.8



#66
 n-Nitrosodiphenylamine
 Concen: 49.321 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.00 min
 Lab File: BF119903.D
 Acq: 10 Apr 2020 19:06

Tgt Ion:169 Resp: 1133717
 Ion Ratio Lower Upper
 169 100
 168 65.8 54.2 81.4
 167 37.5 28.3 42.5

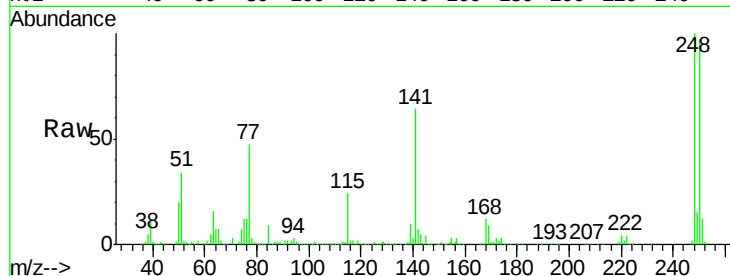




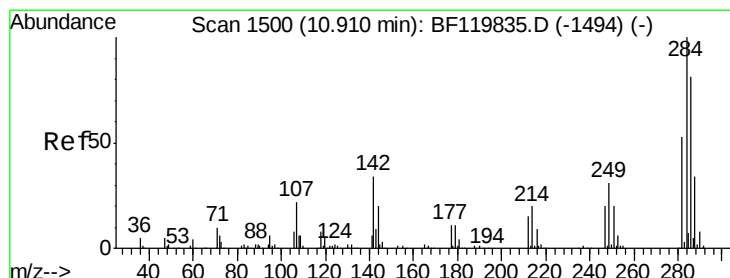
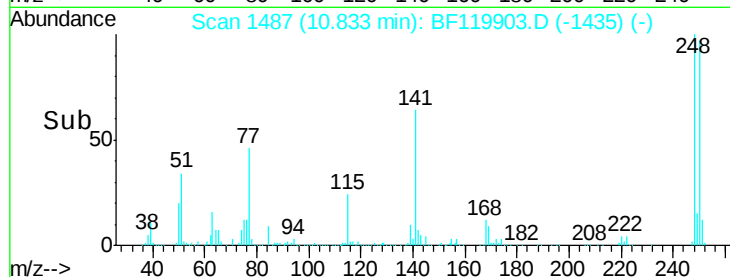
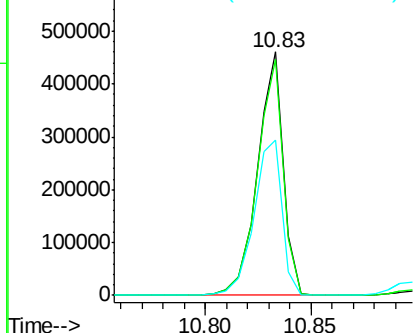
#67
4-Bromophenyl-phenylether
Concen: 45.531 ng
RT: 10.83 min Scan# 1487
Delta R.T. 0.01 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 391364
Ion Ratio Lower Upper
248 100
250 97.0 76.6 114.8
141 63.7 55.9 83.9

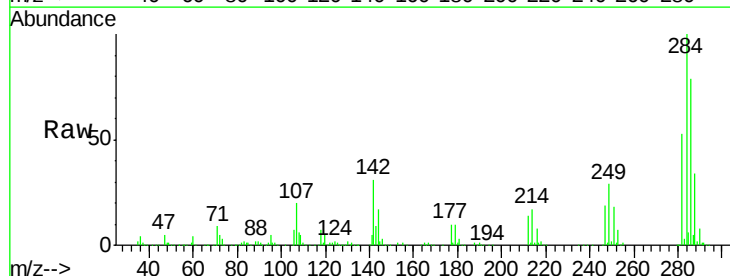


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

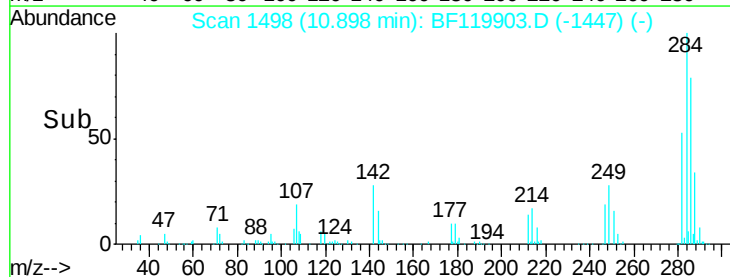
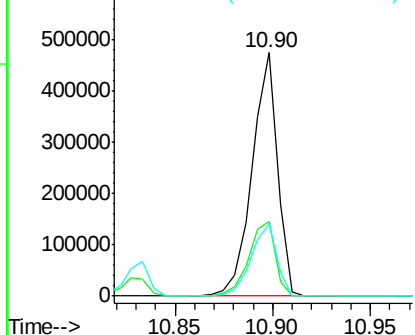


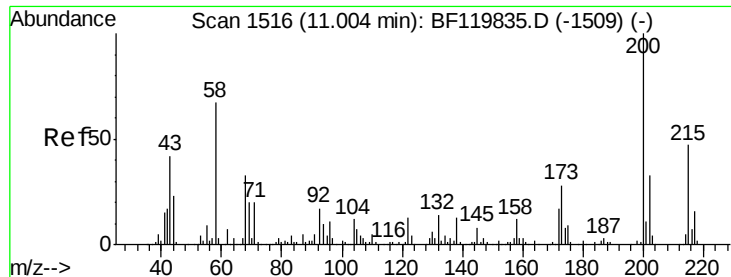
#68
Hexachlorobenzene
Concen: 49.083 ng
RT: 10.90 min Scan# 1498
Delta R.T. 0.00 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

Tgt Ion:284 Resp: 427990
Ion Ratio Lower Upper
284 100
142 30.8 26.9 40.3
249 29.4 24.6 37.0



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

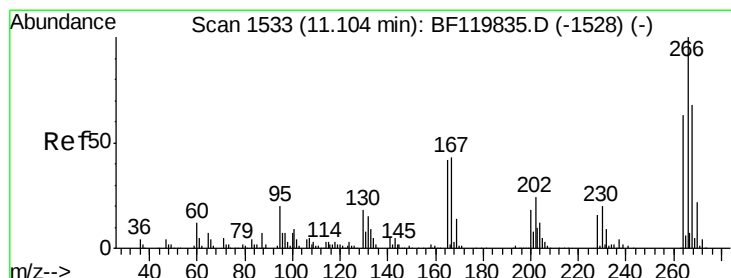
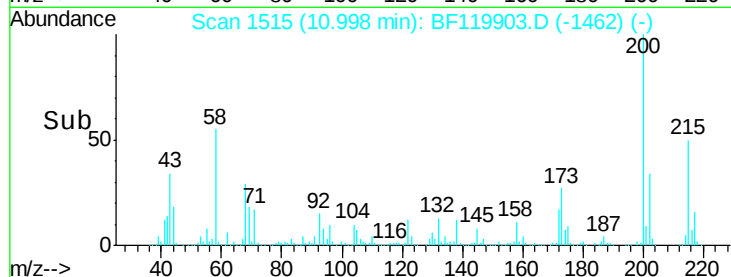
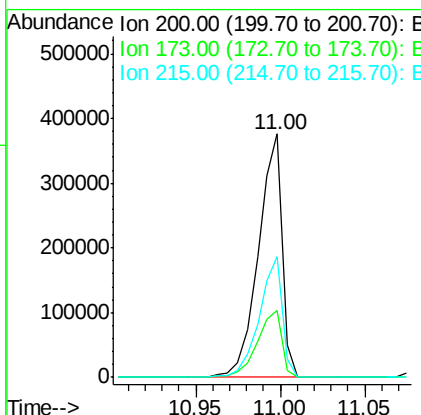
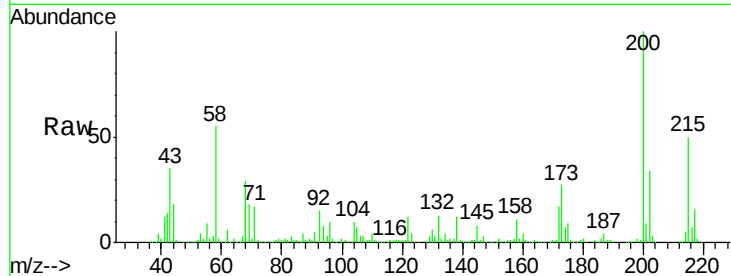




#69
 Atrazine
 Concen: 57.126 ng
 RT: 11.00 min Scan# 1515
 Delta R.T. 0.01 min
 Lab File: BF119903.D
 Acq: 10 Apr 2020 19:06

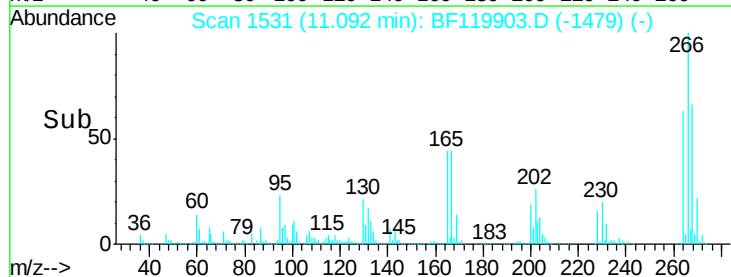
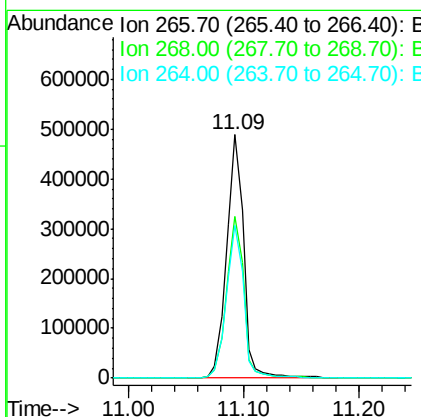
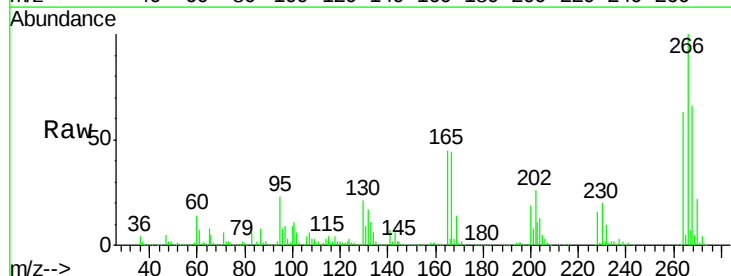
Instrument :
 BNA_F
 ClientSampleId :

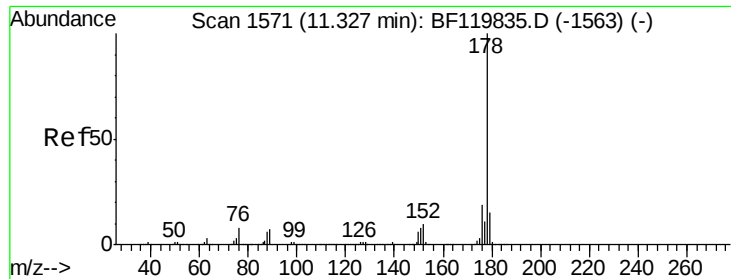
Tot Ion:200 Resp: 365354
 Ion Ratio Lower Upper
 200 100
 173 27.4 8.0 48.0
 215 49.5 27.1 67.1



#70
 Pentachlorophenol
 Concen: 99.559 ng
 RT: 11.09 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: BF119903.D
 Acq: 10 Apr 2020 19:06

Tgt Ion:266 Resp: 500287
 Ion Ratio Lower Upper
 266 100
 268 66.3 54.2 81.4
 264 62.9 50.6 76.0

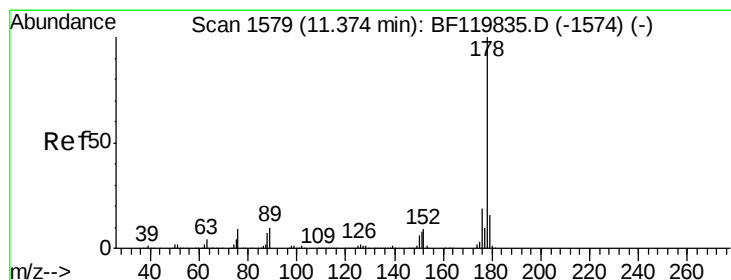
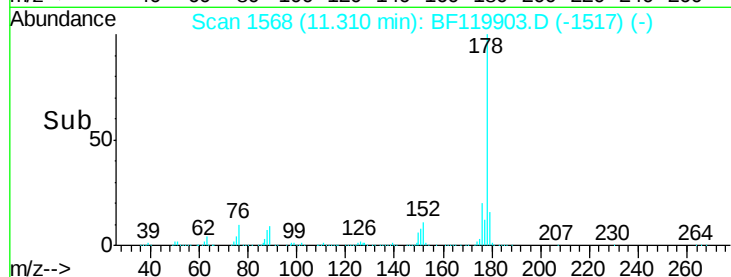
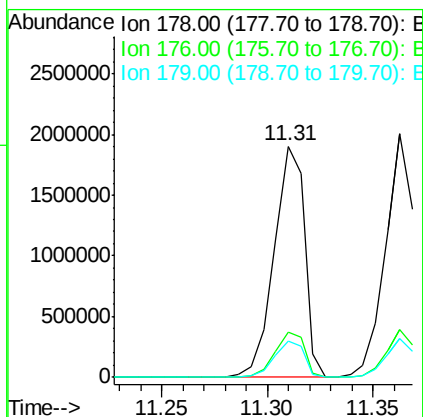
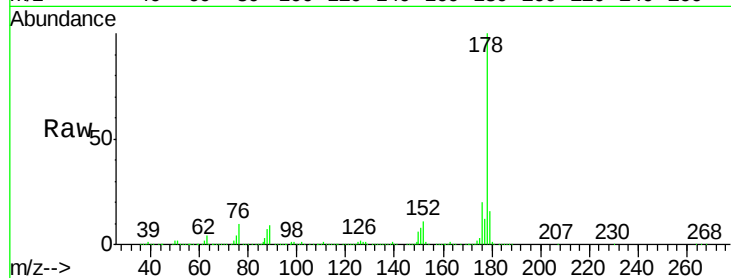




#71
 Phenanthrene
 Concen: 52.065 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: BF119903.D
 Acq: 10 Apr 2020 19:06

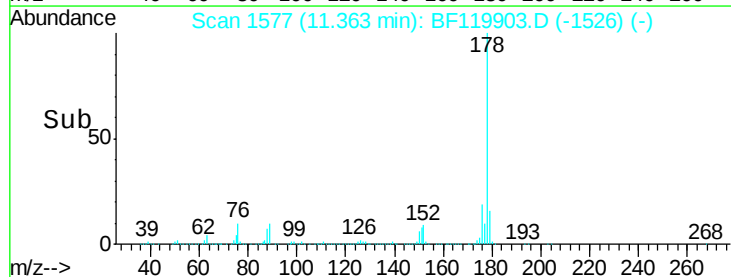
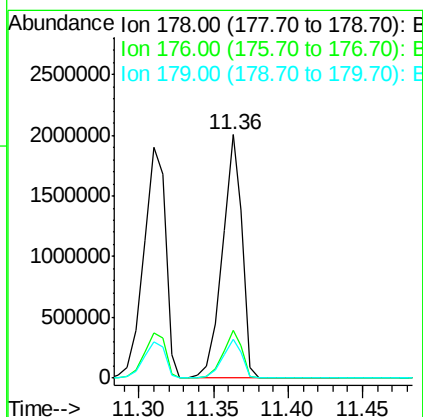
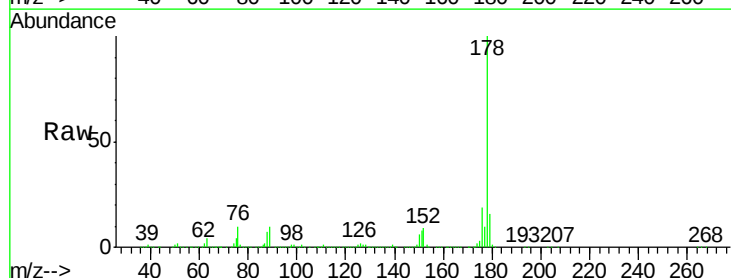
Instrument :
 BNA_F
 ClientSampleId :

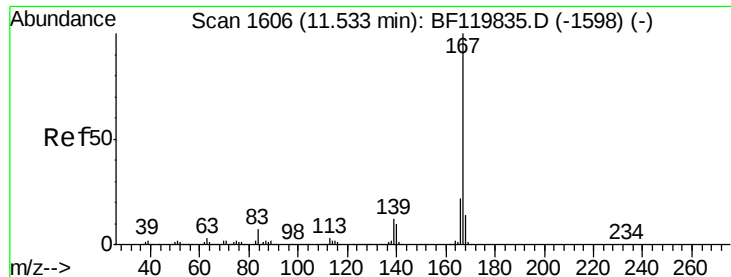
Tot Ion:178 Resp: 1915217
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.1 22.7
 179 15.9 12.2 18.4



#72
 Anthracene
 Concen: 49.582 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. 0.00 min
 Lab File: BF119903.D
 Acq: 10 Apr 2020 19:06

Tgt Ion:178 Resp: 1863194
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 16.2 12.8 19.2





#73

Carbazole

Concen: 47.943 ng

RT: 11.52 min Scan# 1604

Delta R.T. 0.01 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

Instrument :

BNA_F

ClientSampleId :

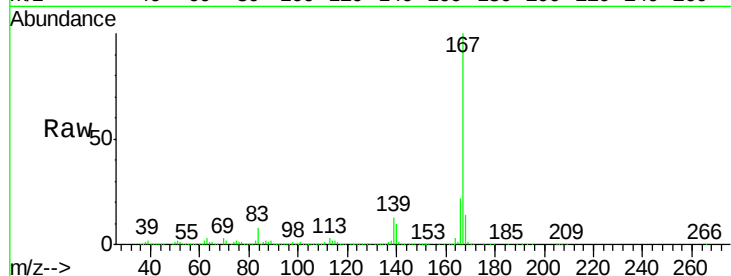
Tot Ion:167 Resp: 1703753

Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.0

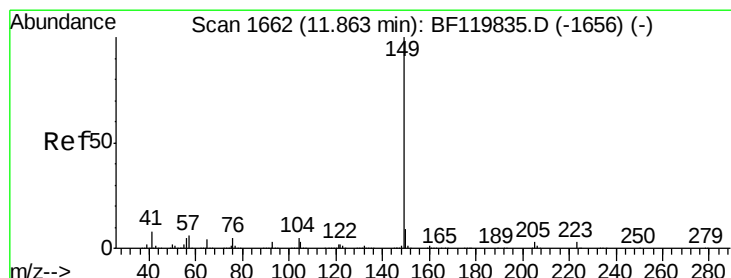
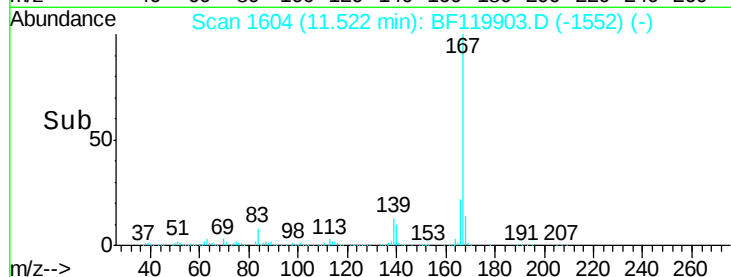
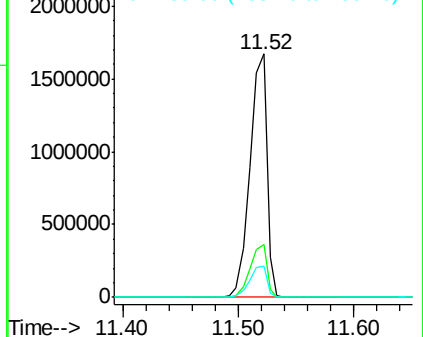
139 12.9 9.8 14.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 44.904 ng

RT: 11.85 min Scan# 1660

Delta R.T. 0.00 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

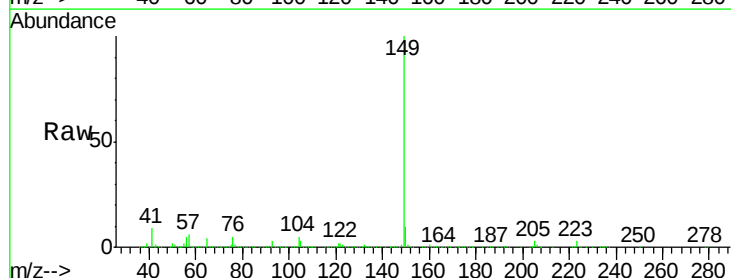
Tgt Ion:149 Resp: 2097765

Ion Ratio Lower Upper

149 100

150 9.8 7.6 11.4

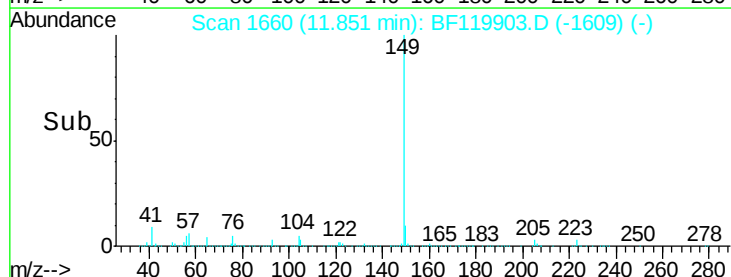
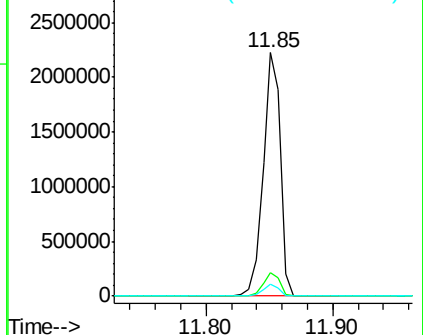
104 4.8 3.8 5.6

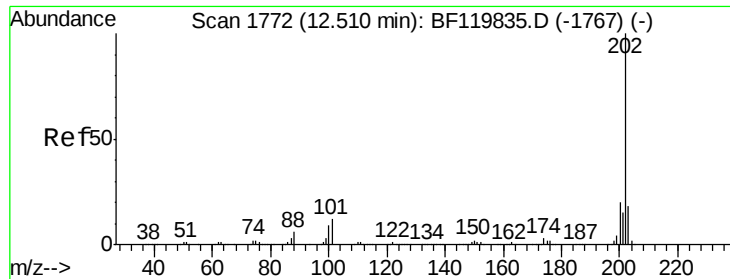


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 49.689 ng

RT: 12.50 min Scan# 1770

Delta R.T. 0.00 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

Instrument :

BNA_F

ClientSampled :

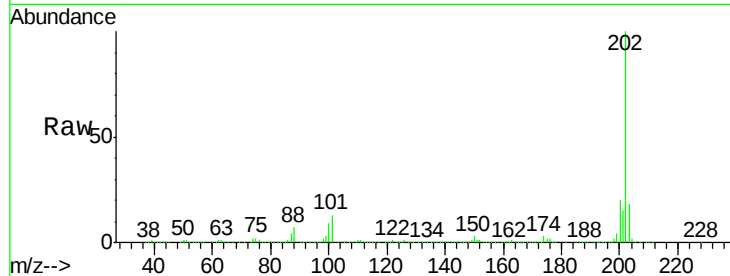
Tot Ion:202 Resp: 1972179

Ion Ratio Lower Upper

202 100

101 12.7 0.0 32.3

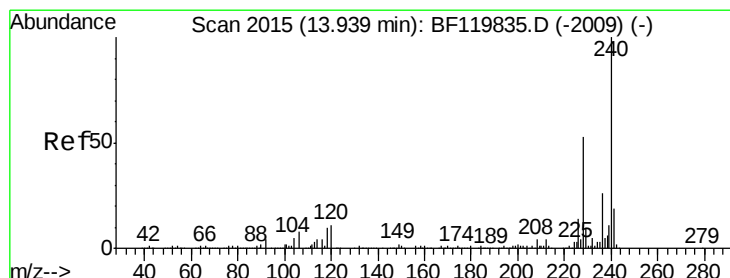
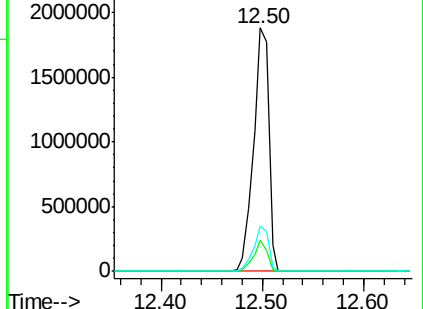
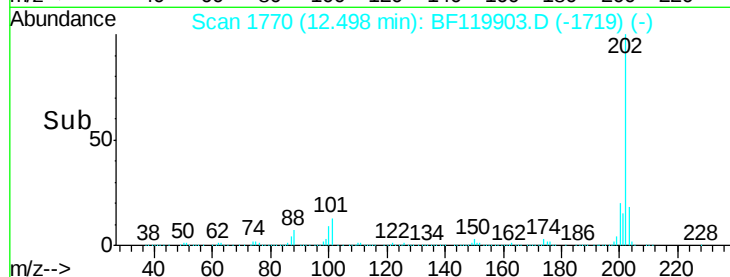
203 18.4 0.0 37.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

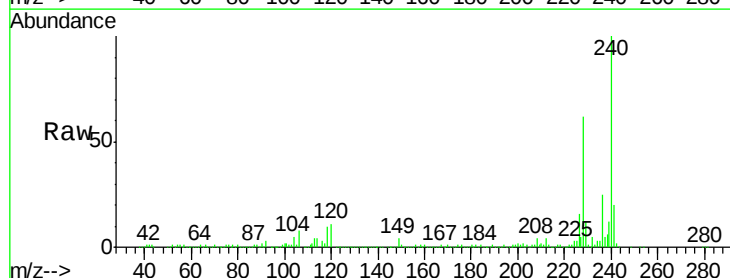
Tgt Ion:240 Resp: 438358

Ion Ratio Lower Upper

240 100

120 10.9 9.0 13.6

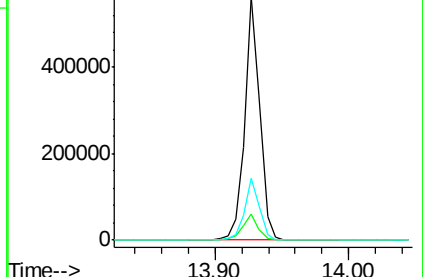
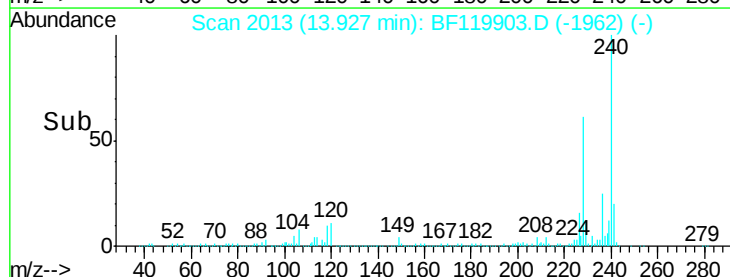
236 25.5 20.7 31.1

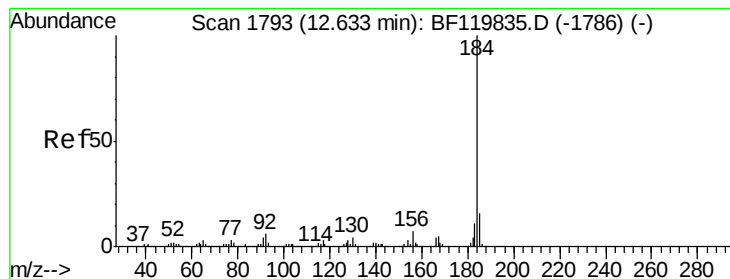


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.033 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

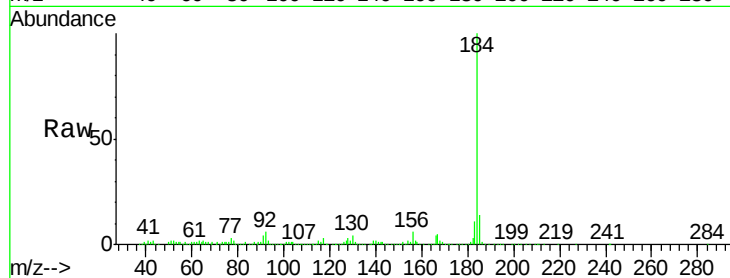
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 489477

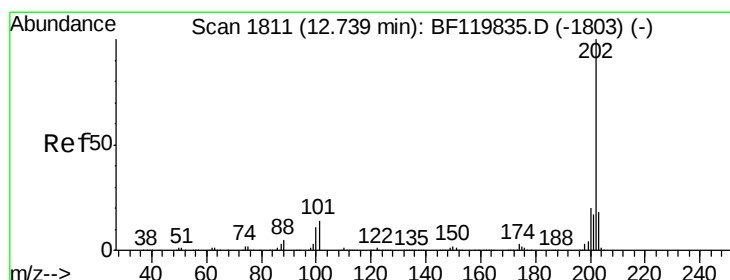
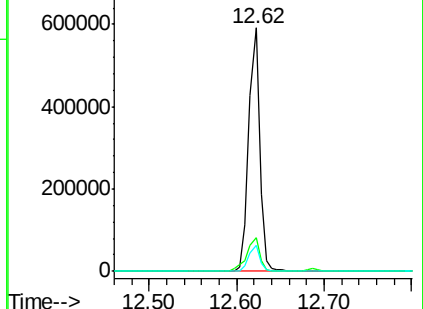
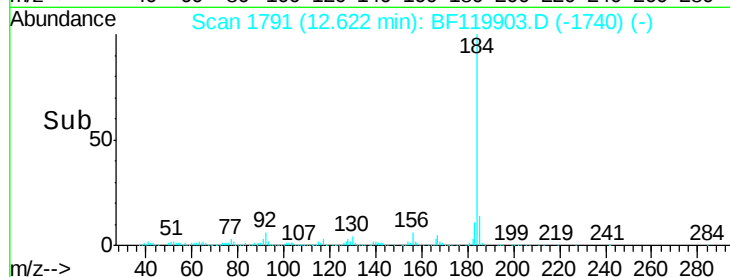
Ion	Ratio	Lower	Upper
184	100		
185	13.9	13.2	19.8
183	10.5	9.1	13.7



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: 51.545 ng

RT: 12.73 min Scan# 1809

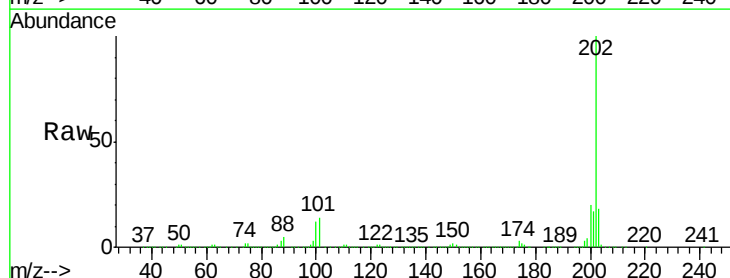
Delta R.T. 0.00 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

Tgt Ion:202 Resp: 1904805

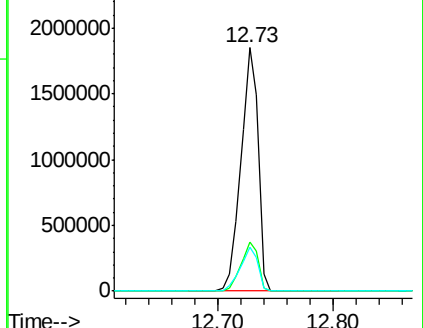
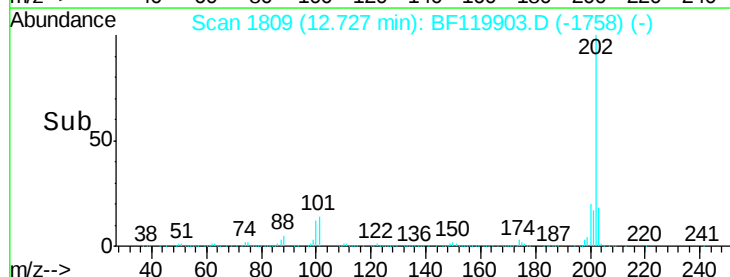
Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.2	24.2
203	17.9	14.1	21.1

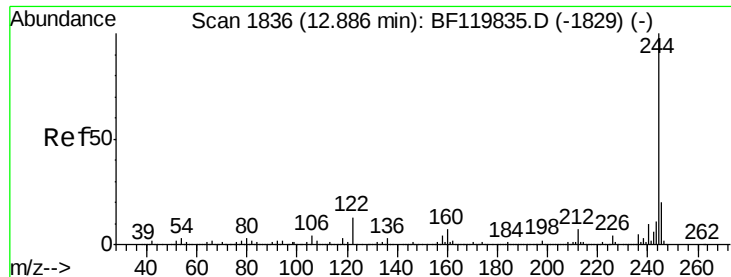


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 93.185 ng

RT: 12.87 min Scan# 1834

Delta R.T. 0.00 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

Instrument :

BNA_F

ClientSampled :

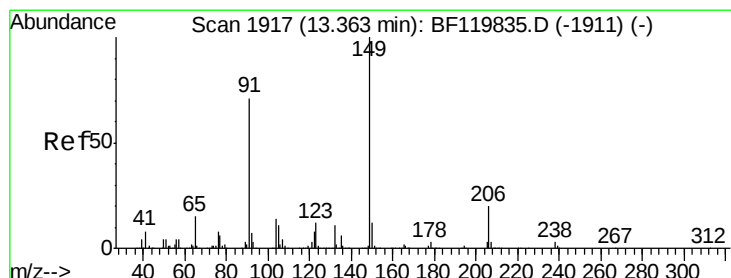
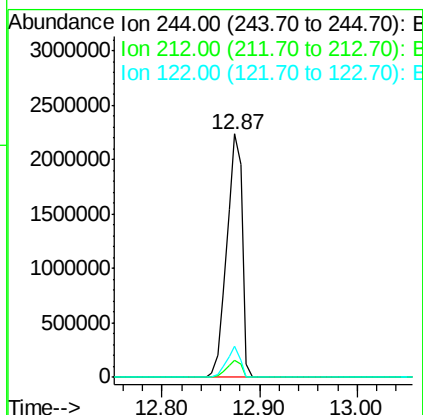
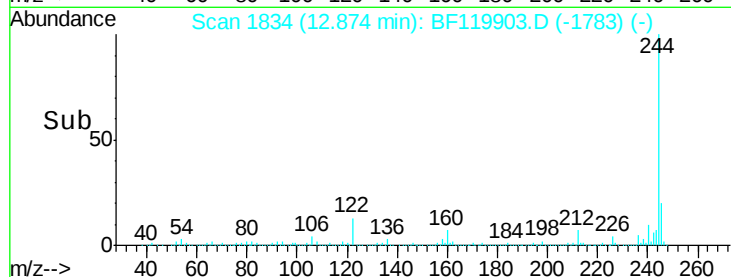
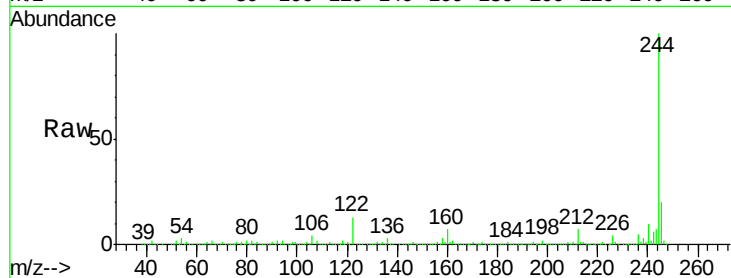
Tot Ion:244 Resp: 2427604

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

122 12.7 10.3 15.5



#80

Butylbenzylphthalate

Concen: 48.616 ng

RT: 13.35 min Scan# 1915

Delta R.T. 0.00 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

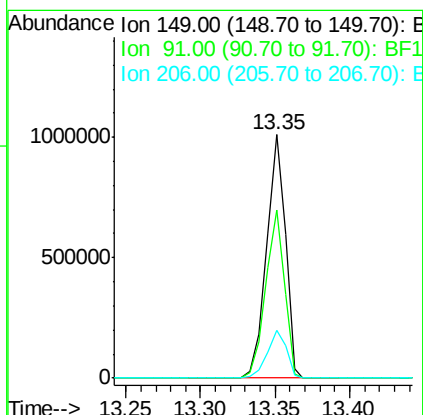
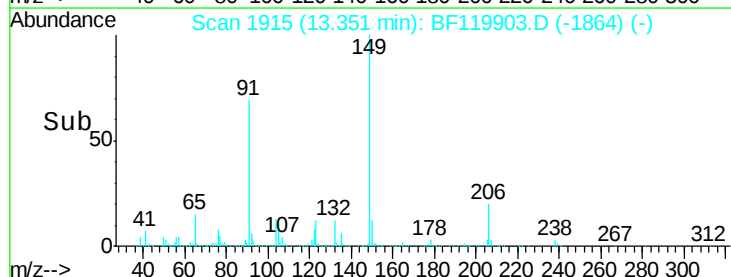
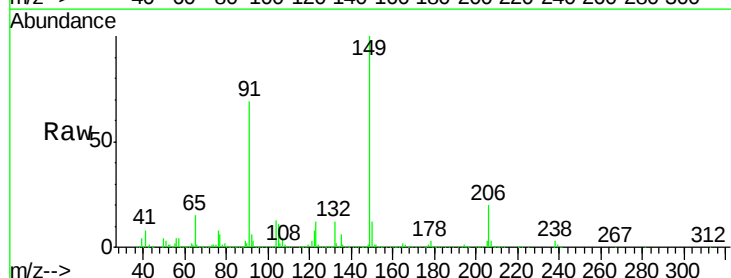
Tgt Ion:149 Resp: 871765

Ion Ratio Lower Upper

149 100

91 68.9 56.7 85.1

206 19.8 15.7 23.5

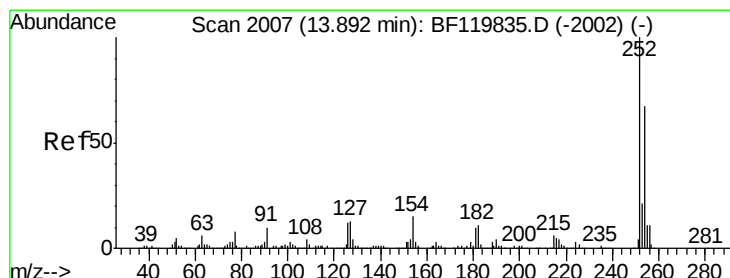
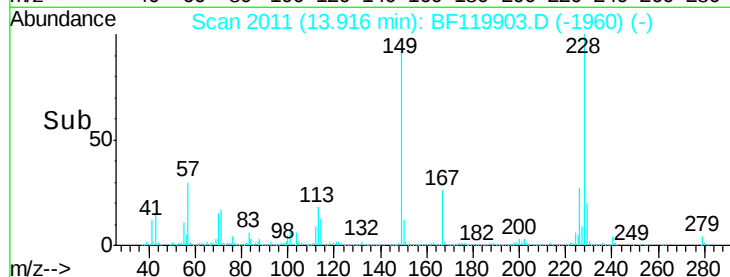
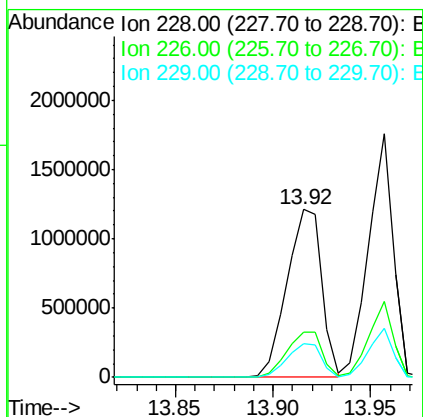
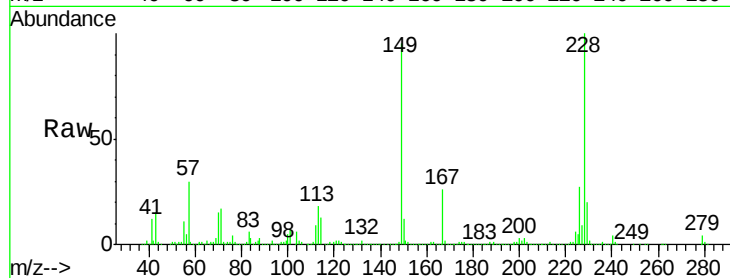




#81
Benzo(a)anthracene
Concen: 51.871 ng
RT: 13.92 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

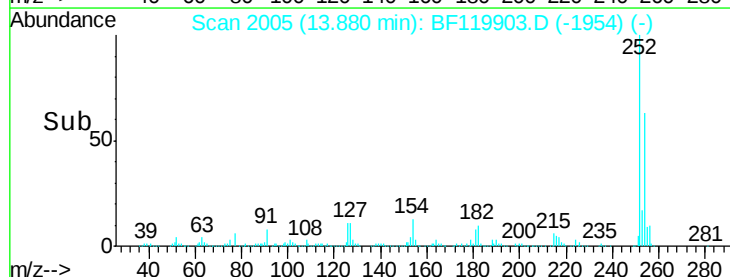
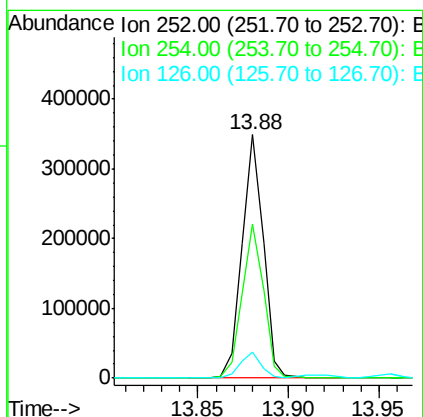
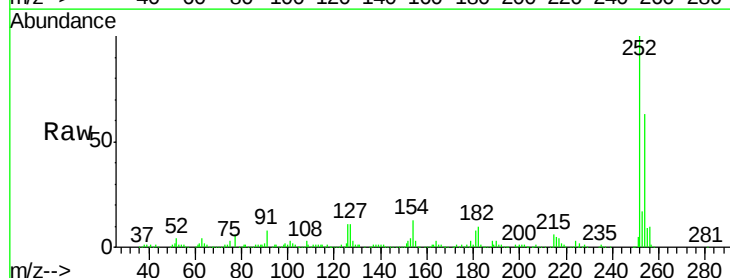
Instrument :
BNA_F
ClientSampleId :

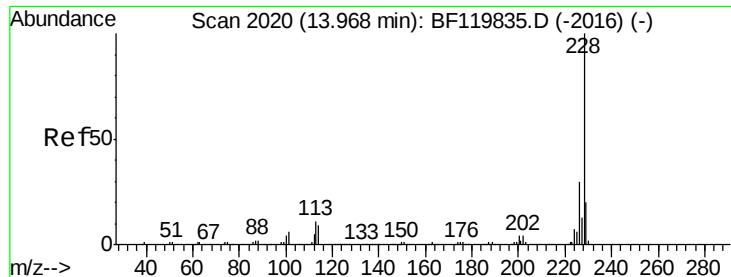
Tot Ion:228 Resp: 1495850
Ion Ratio Lower Upper
228 100
226 27.3 21.9 32.9
229 20.0 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 26.556 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.00 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

Tgt Ion:252 Resp: 285747
Ion Ratio Lower Upper
252 100
254 63.0 53.9 80.9
126 10.6 9.7 14.5





#83

Chrvsene

Concen: 52.791 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

Instrument :

BNA_F

ClientSampleId :

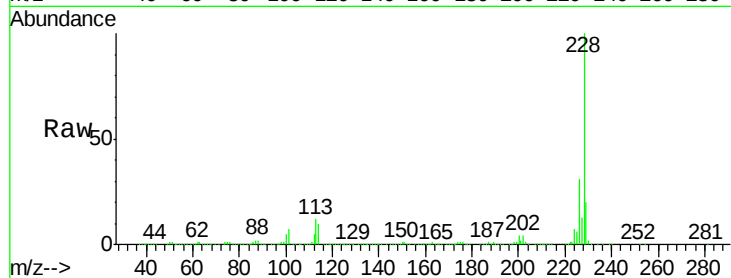
Tot Ion:228 Resp: 1546869

Ion Ratio Lower Upper

228 100

226 31.2 24.2 36.2

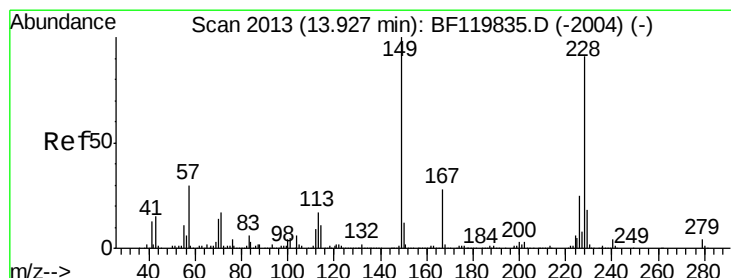
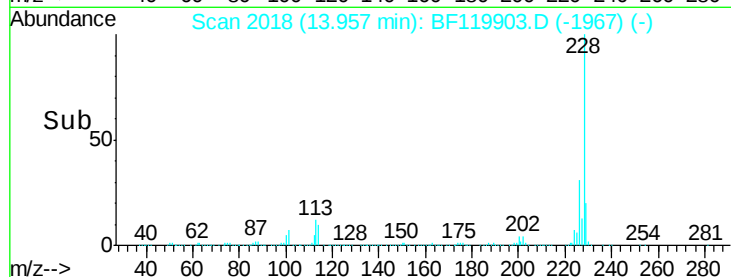
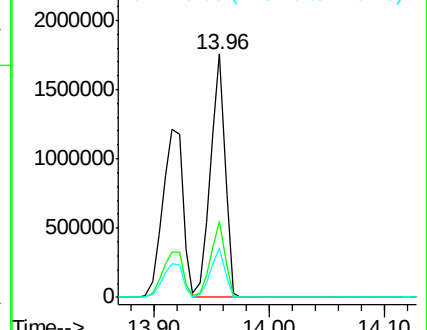
229 20.2 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.602 ng

RT: 13.92 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

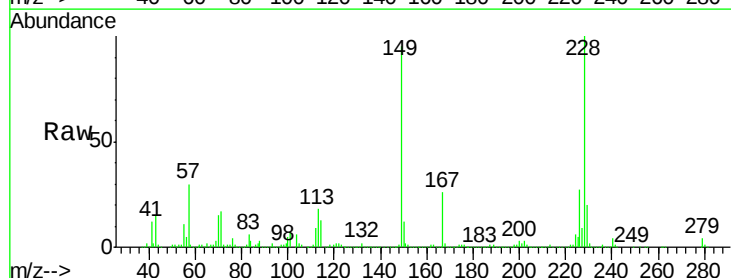
Tgt Ion:149 Resp: 1107357

Ion Ratio Lower Upper

149 100

167 27.3 22.2 33.2

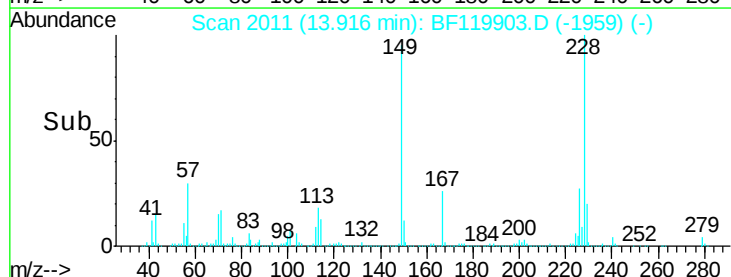
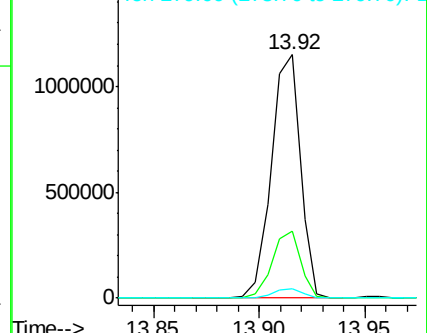
279 4.1 3.4 5.0

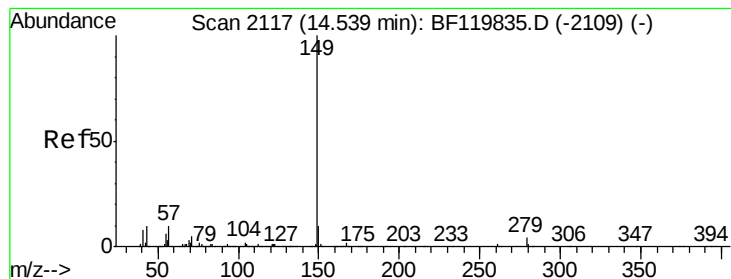


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.810 ng

RT: 14.53 min Scan# 2115

Delta R.T. 0.00 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

Instrument :

BNA_F

ClientSampled :

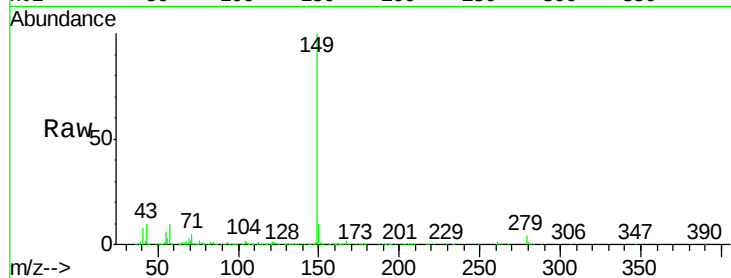
Tot Ion:149 Resp: 1811369

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

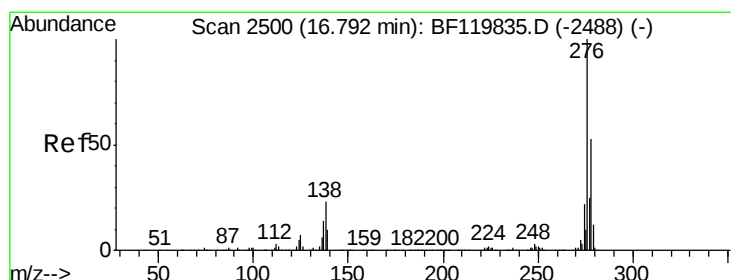
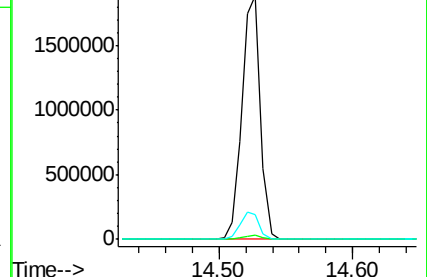
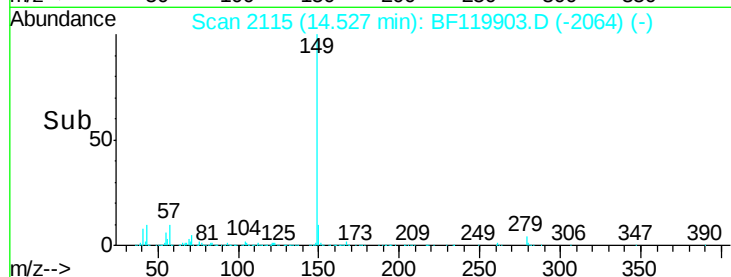
43 11.1 9.2 13.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.985 ng

RT: 16.77 min Scan# 2497

Delta R.T. 0.01 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

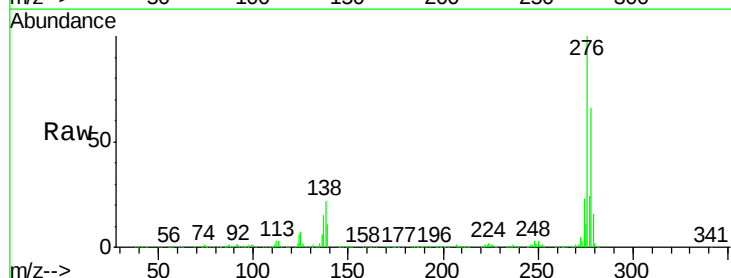
Tgt Ion:276 Resp: 1265242

Ion Ratio Lower Upper

276 100

138 22.6 18.0 27.0

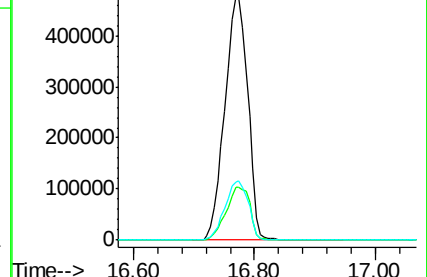
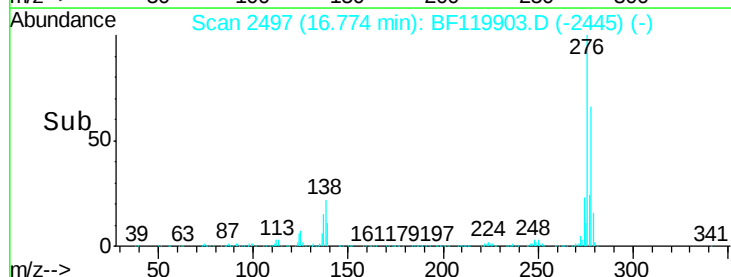
277 24.8 20.1 30.1

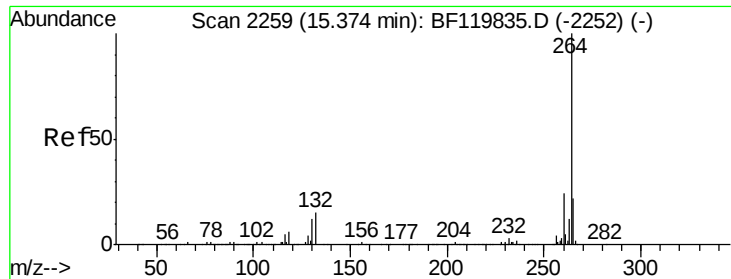


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

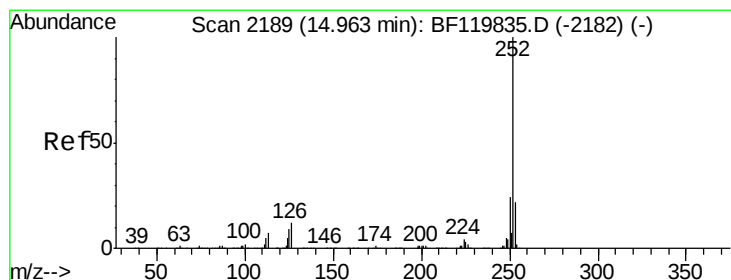
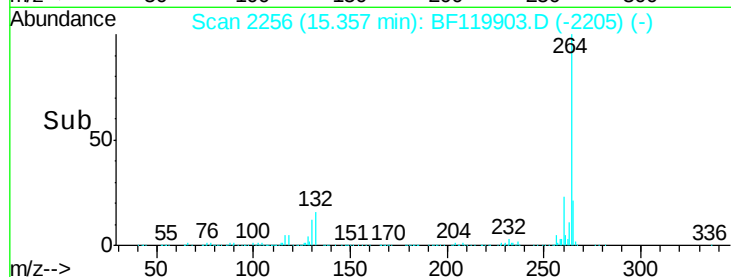
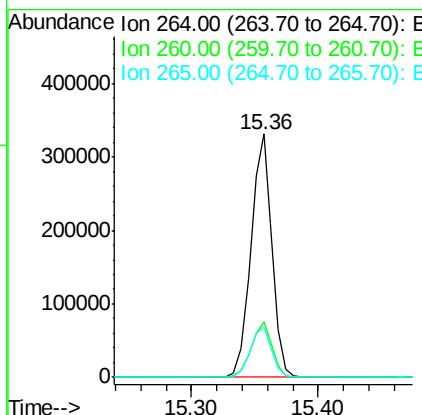
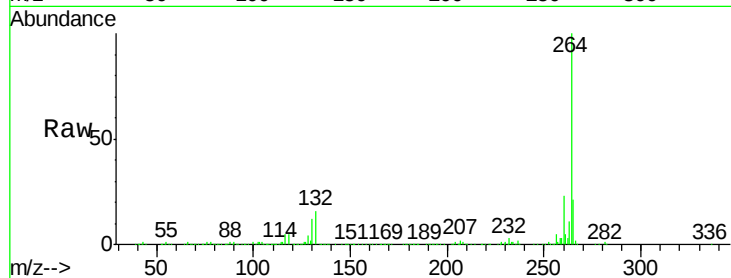




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2256
Delta R.T. 0.00 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

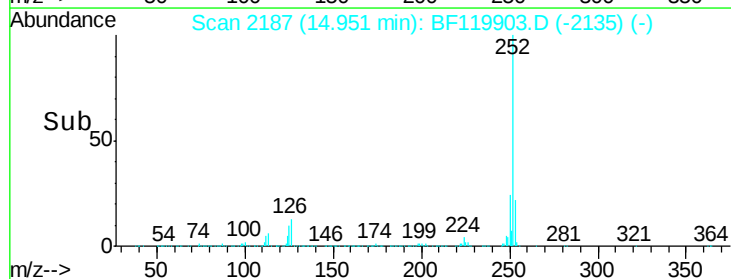
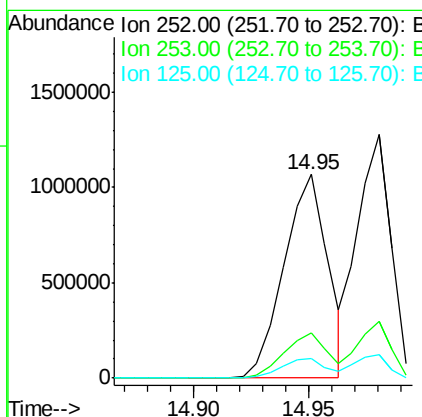
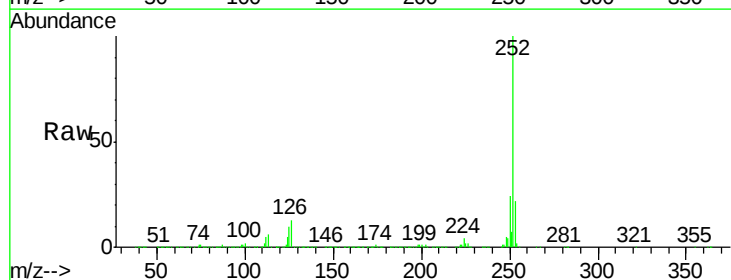
Instrument :
BNA_F
ClientSampleId :

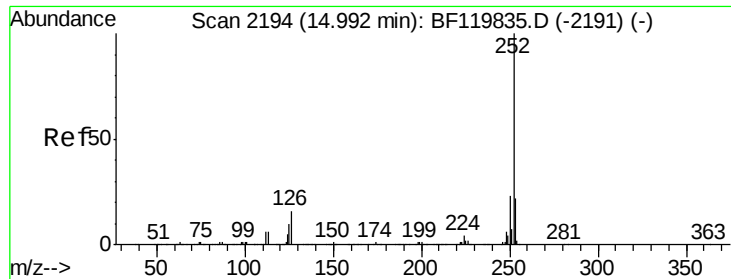
Tot Ion:264 Resp: 381065
Ion Ratio Lower Upper
264 100
260 22.8 19.3 28.9
265 20.8 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 51.291 ng
RT: 14.95 min Scan# 2187
Delta R.T. 0.01 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

Tgt Ion:252 Resp: 1406029
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 9.7 7.4 11.2

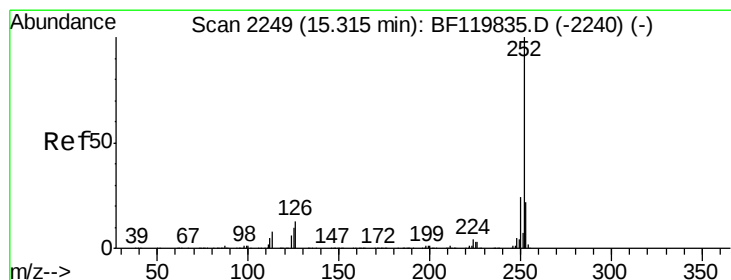
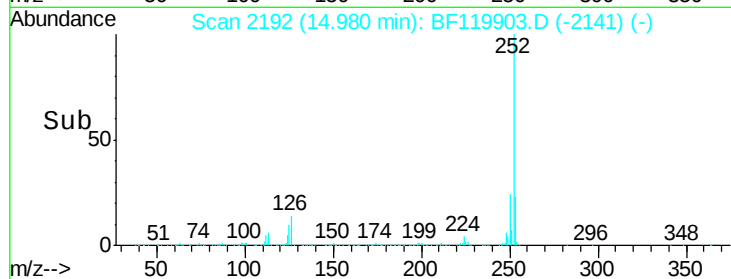
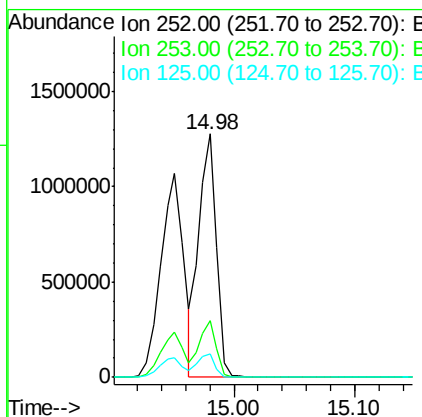
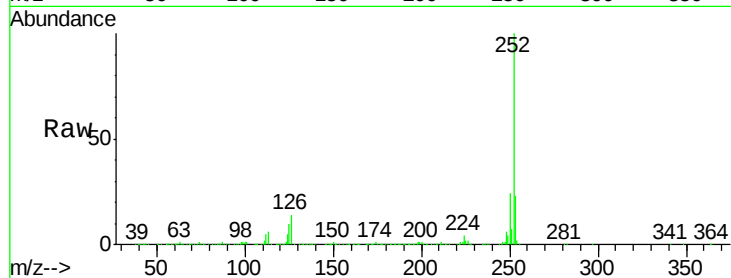




#89
Benzo(k)fluoranthene
Concen: 54.983 ng
RT: 14.98 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

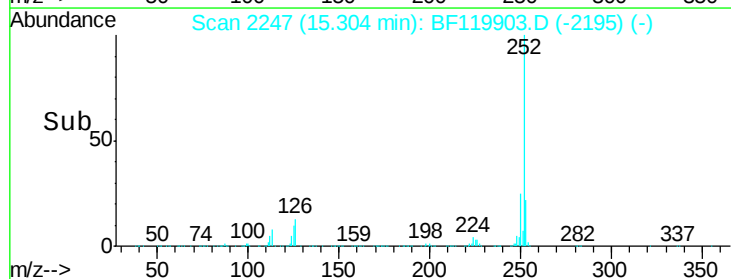
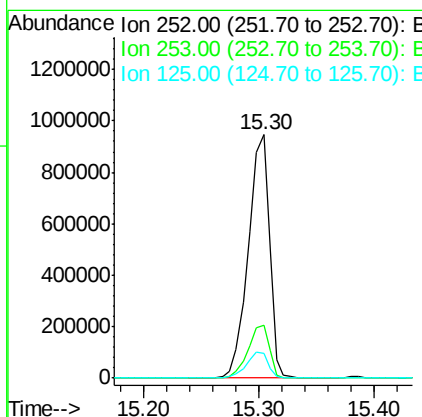
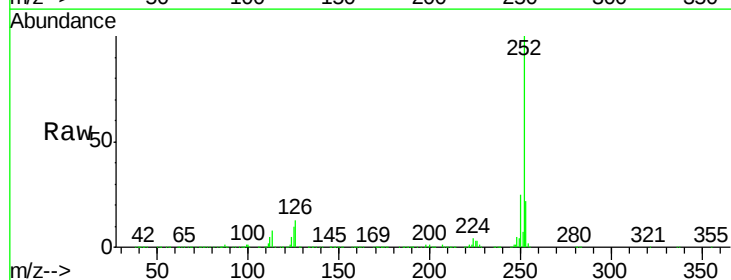
Instrument :
BNA_F
ClientSampleId :

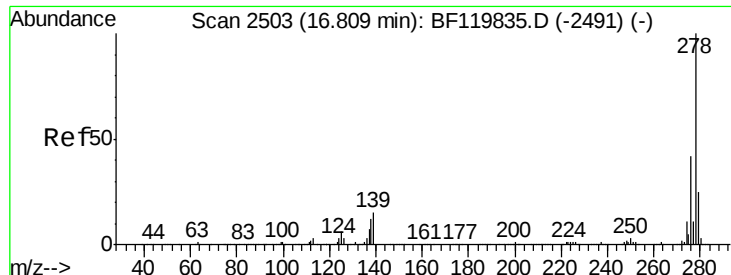
Tot Ion:252 Resp: 1300479
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.8
125 9.8 7.7 11.5



#90
Benzo(a)pyrene
Concen: 52.556 ng
RT: 15.30 min Scan# 2247
Delta R.T. 0.01 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

Tgt Ion:252 Resp: 1211349
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 10.4 8.3 12.5



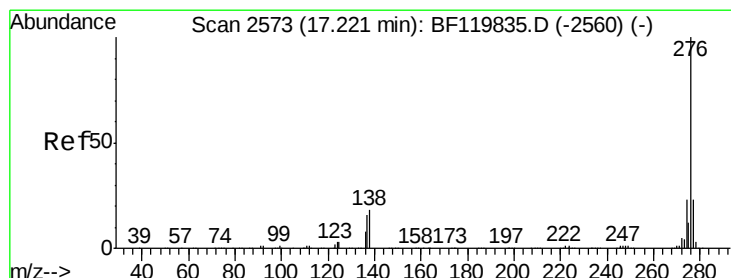
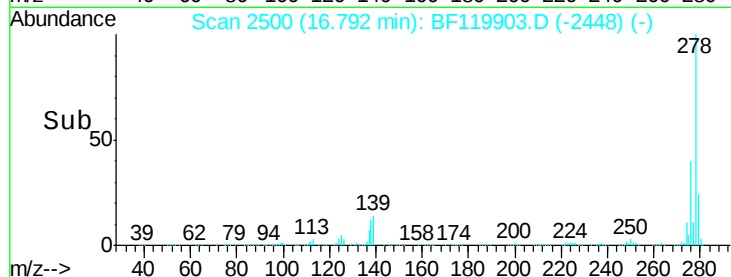
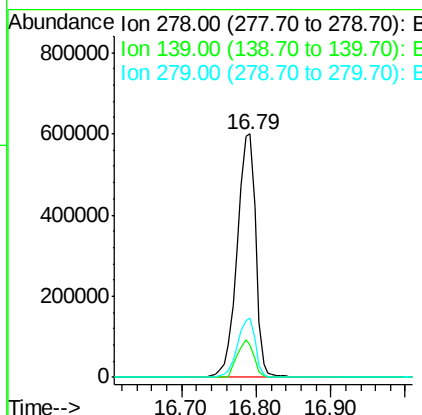
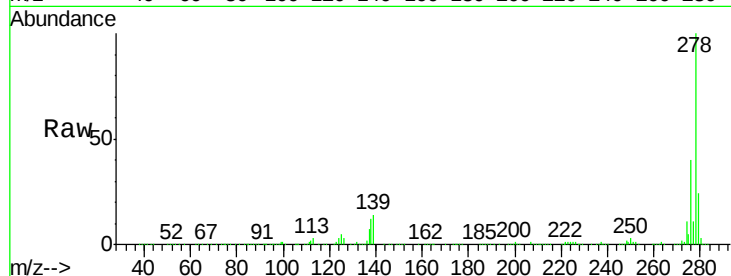


#91
Dibenzo(a,h)anthracene
Concen: 50.896 ng
RT: 16.79 min Scan# 2500
Delta R.T. 0.01 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1039120

Ion	Ratio	Lower	Upper
278	100		
139	13.6	11.6	17.4
279	24.1	19.7	29.5



#92
Benzo(g,h,i)perylene
Concen: 55.996 ng
RT: 17.20 min Scan# 2569
Delta R.T. 0.01 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

Tgt Ion:276 Resp: 1128498

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.5	27.7
138	19.7	14.6	22.0

