

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
 Data File : BF120061.D
 Acq On : 17 Apr 2020 16:08
 Operator : MA/SJ
 Sample : L2271-05MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BG-4MS

Quant Time: Apr 18 01:26:24 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 17 10:51:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	194775	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	738110	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	340515	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	522964	20.00	ng	0.00
76) Chrysene-d12	13.90	240	308156	20.00	ng	0.00
87) Perylene-d12	15.33	264	290625	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1014699	90.03	ng	0.02
7) Phenol-d6	6.37	99	1266599	87.22	ng	0.00
23) Nitrobenzene-d5	7.30	82	864719	60.61	ng	0.00
42) 2,4,6-Tribromophenol	10.57	330	288594	69.22	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1624682	67.74	ng	0.00
79) Terphenyl-d14	12.85	244	1181143	64.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.47	88	218940	43.615	ng	97
3) Pyridine	3.17	79	606706	44.051	ng	99
4) n-Nitrosodimethylamine	3.14	42	350620	49.825	ng	97
6) Aniline	6.40	93	553339	29.030	ng	# 81
8) 2-Chlorophenol	6.52	128	707609	56.191	ng	97
9) Benzaldehyde	6.27	77	321384	42.261	ng	99
10) Phenol	6.39	94	879667	53.392	ng	93
11) bis(2-Chloroethyl)ether	6.47	93	687500	54.043	ng	99
12) 1,3-Dichlorobenzene	6.67	146	708438	51.386	ng	99
13) 1,4-Dichlorobenzene	6.75	146	714257	50.859	ng	100
14) 1,2-Dichlorobenzene	6.90	146	666095	51.465	ng	99
15) Benzyl Alcohol	6.88	79	572586	50.762	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.01	45	1146407	46.311	ng	89
17) 2-Methylphenol	7.00	107	553186	49.224	ng	96
18) Hexachloroethane	7.24	117	255861	48.749	ng	99
19) n-Nitroso-di-n-propylamine	7.16	70	478405	51.228	ng	97
20) 3+4-Methylphenols	7.15	107	682110	49.628	ng	94
22) Acetophenone	7.15	105	928949	53.746	ng	# 97
24) Nitrobenzene	7.32	77	727081	50.658	ng	100
25) Isophorone	7.56	82	1334817	48.532	ng	100
26) 2-Nitrophenol	7.63	139	370743	51.703	ng	95
27) 2,4-Dimethylphenol	7.68	122	575810	53.244	ng	98
28) bis(2-Chloroethoxy)methane	7.77	93	854541	52.801	ng	99
29) 2,4-Dichlorophenol	7.88	162	546152	49.269	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	607383	48.357	ng	99
31) Naphthalene	8.04	128	1901917	48.975	ng	99
32) Benzoic acid	7.84	122	457459	48.164	ng	96
33) 4-Chloroaniline	8.10	127	239072	14.141	ng	96
34) Hexachlorobutadiene	8.16	225	355488	47.280	ng	100
35) Caprolactam	8.48	113	121683	35.885	ng	93
36) 4-Chloro-3-methylphenol	8.59	107	587505	48.952	ng	99
37) 2-Methylnaphthalene	8.73	142	1258718	47.809	ng	98
38) 1-Methylnaphthalene	8.83	142	1178252	47.480	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	559392	52.013	ng	99

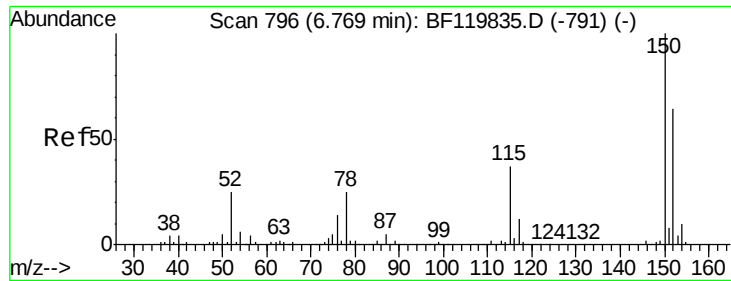
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
 Data File : BF120061.D
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 QLast Update : Fri Apr 17 10:51:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	251626	41.145	ng	95
43) 2,4,6-Trichlorophenol	9.02	196	390821	52.623	ng	99
44) 2,4,5-Trichlorophenol	9.06	196	403223	48.205	ng	99
46) 1,1'-Biphenyl	9.20	154	1464989	50.971	ng	98
47) 2-Chloronaphthalene	9.22	162	1130036	51.038	ng	98
48) 2-Nitroaniline	9.32	65	390448	48.663	ng	98
49) Acenaphthylene	9.64	152	1684770	50.035	ng	99
50) Dimethylphthalate	9.51	163	1594534	60.540	ng	98
51) 2,6-Dinitrotoluene	9.57	165	284104	49.258	ng	89
52) Acenaphthene	9.81	154	1005040	44.745	ng	99
53) 3-Nitroaniline	9.73	138	166638	25.297	ng	93
54) 2,4-Dinitrophenol	9.84	184	145601	42.165	ng	94
55) Dibenzofuran	9.98	168	1502206	48.737	ng	100
56) 4-Nitrophenol	9.91	139	408426	83.331	ng	98
57) 2,4-Dinitrotoluene	9.97	165	341549	44.947	ng	94
58) Fluorene	10.33	166	1126127	45.684	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	298538	46.665	ng	99
60) Diethylphthalate	10.20	149	1354644	49.624	ng	99
61) 4-Chlorophenyl-phenylether	10.32	204	566307	44.823	ng	98
62) 4-Nitroaniline	10.35	138	246500	39.266	ng	97
63) Azobenzene	10.47	77	1188139	48.567	ng	98
65) 4,6-Dinitro-2-methylphenol	10.38	198	96297	27.950	ng	99
66) n-Nitrosodiphenylamine	10.44	169	1025088	58.939	ng	99
67) 4-Bromophenyl-phenylether	10.80	248	334993	51.509	ng	94
68) Hexachlorobenzene	10.87	284	333753	50.587	ng	97
69) Atrazine	10.97	200	295099	60.983	ng	96
70) Pentachlorophenol	11.07	266	337336	88.724	ng	99
71) Phenanthrene	11.29	178	1397898	50.225	ng	99
72) Anthracene	11.34	178	1443482	50.768	ng	99
73) Carbazole	11.49	167	1249446	46.469	ng	99
74) Di-n-butylphthalate	11.83	149	1855272	52.487	ng	99
75) Fluoranthene	12.47	202	1287362	42.868	ng	98
77) Benzidine	12.60	184	385761	37.033	ng	97
78) Pyrene	12.70	202	1262456	48.597	ng	99
80) Butylbenzylphthalate	13.33	149	610080	48.398	ng	99
81) Benzo(a)anthracene	13.89	228	1018879	50.259	ng	100
82) 3,3'-Dichlorobenzidine	13.86	252	247236	32.685	ng	95
83) Chrysene	13.93	228	1037706	50.377	ng	99
84) Bis(2-ethylhexyl)phthalate	13.89	149	836188	48.985	ng	# 98
85) Di-n-octyl phthalate	14.50	149	1452561	49.976	ng	99
86) Indeno(1,2,3-cd)pyrene	16.73	276	884121	48.692	ng	98
88) Benzo(b)fluoranthene	14.95	252	885875	42.372	ng	98
89) Benzo(k)fluoranthene	14.95	252	885875	49.109	ng	99
90) Benzo(a)pyrene	15.27	252	880592	50.095	ng	100
91) Dibenzo(a,h)anthracene	16.74	278	736566	47.304	ng	98
92) Benzo(g,h,i)perylene	17.14	276	693887	45.146	ng	96

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

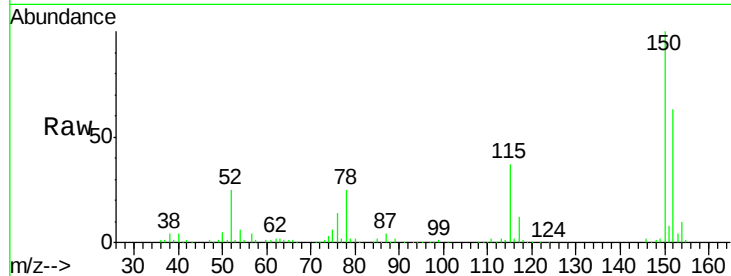


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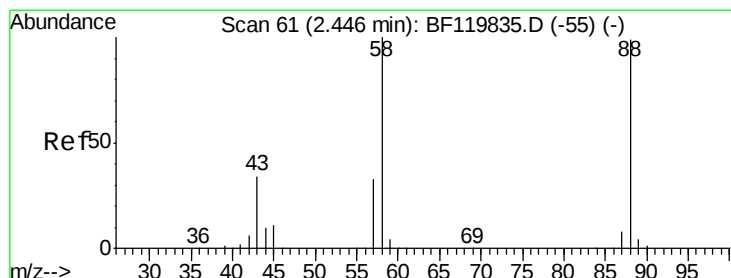
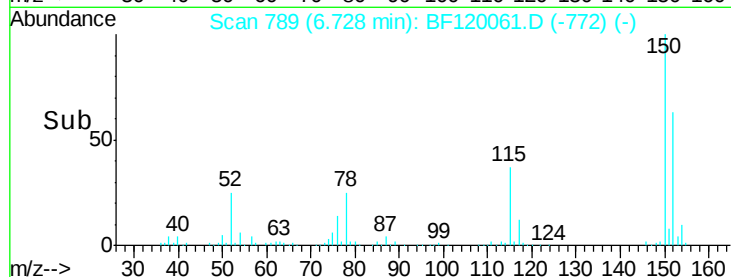
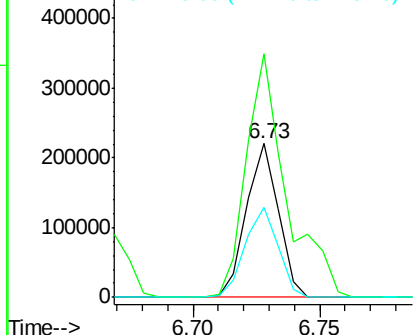
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Instrument :
BNA_F
ClientSampleId :
BG-4MS

Tot Ion:152 Resp: 194775
Ion Ratio Lower Upper
152 100
150 158.5 124.8 187.2
115 58.9 46.5 69.7



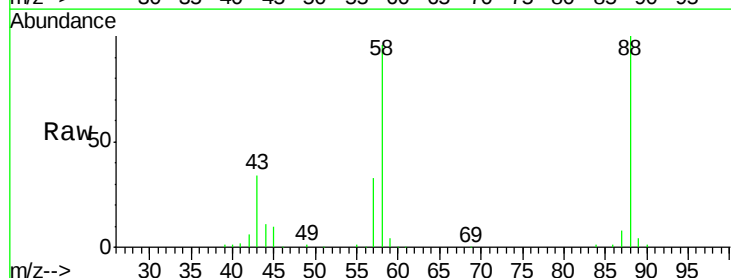
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



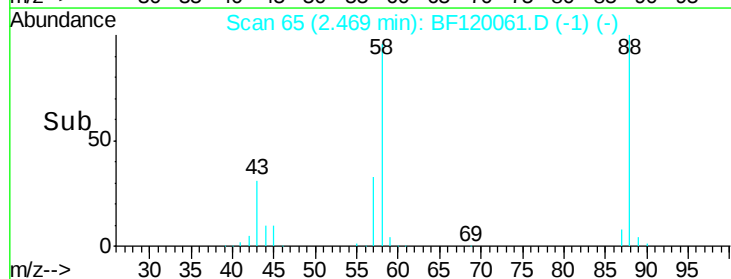
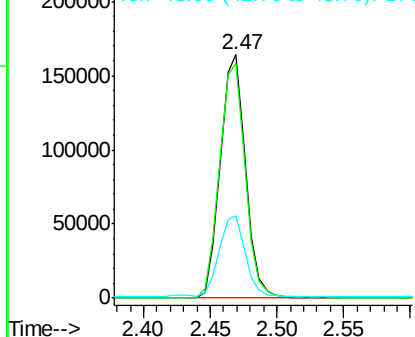
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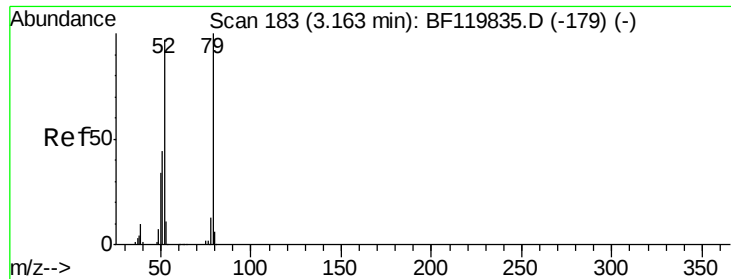
1,4-Dioxane
Concen: 43.615 ng
RT: 2.47 min Scan# 65
Delta R.T. 0.09 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Tgt Ion: 88 Resp: 218940
Ion Ratio Lower Upper
88 100
58 99.3 82.6 123.8
43 35.1 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

Pvridine

Concen: 44.051 ng

RT: 3.17 min Scan# 184

Delta R.T. 0.09 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

Instrument :

BNA_F

ClientSampleId :

BG-4MS

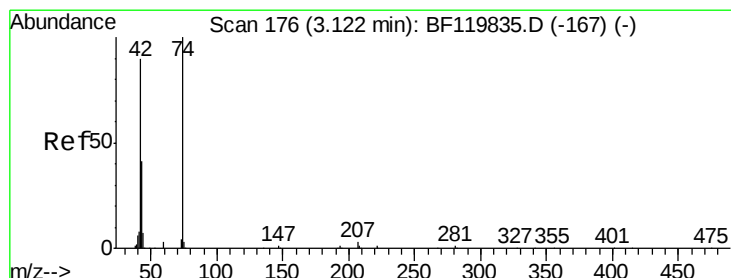
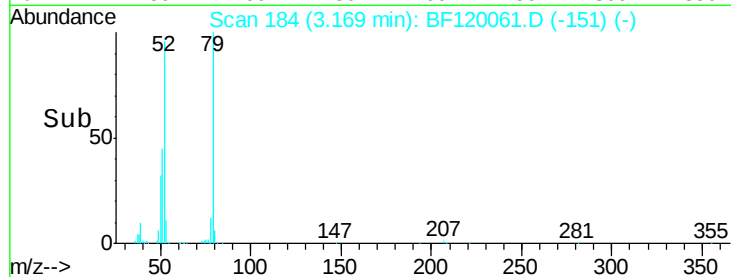
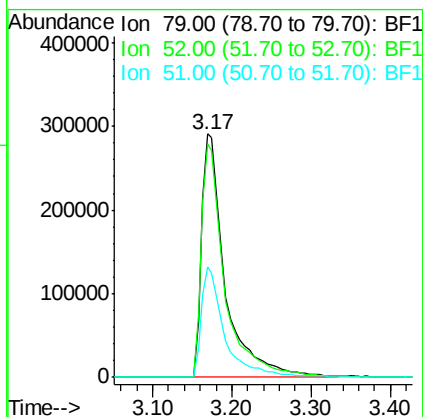
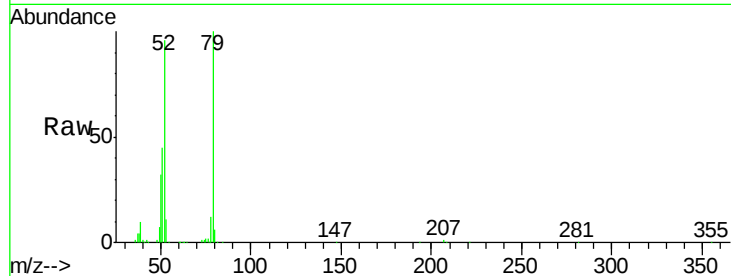
Tot Ion: 79 Resp: 606706

Ion Ratio Lower Upper

79 100

52 95.8 77.4 116.0

51 45.2 35.3 52.9



#4

n-Nitrosodimethylamine

Concen: 49.825 ng

RT: 3.14 min Scan# 179

Delta R.T. 0.10 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

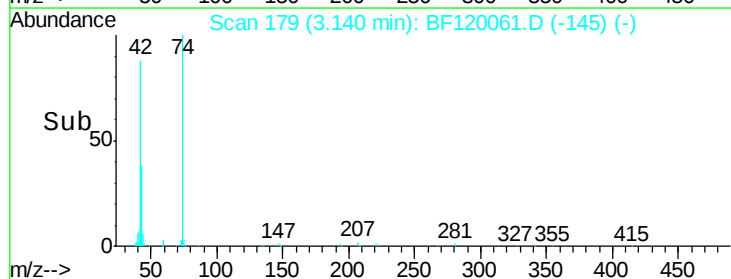
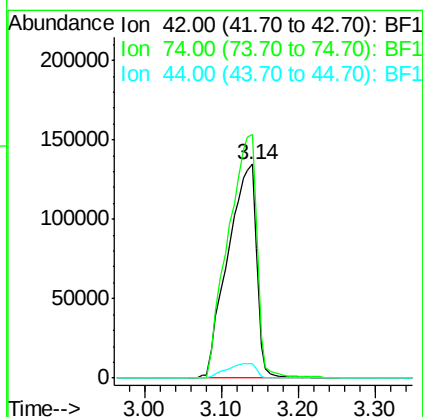
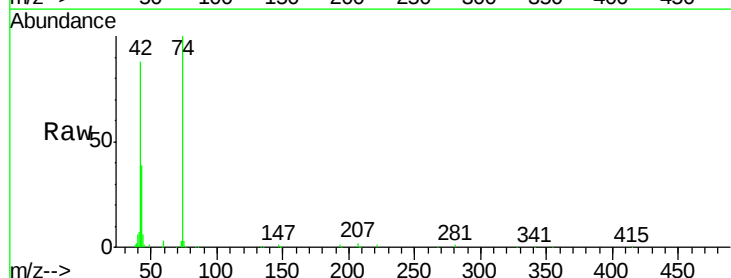
Tgt Ion: 42 Resp: 350620

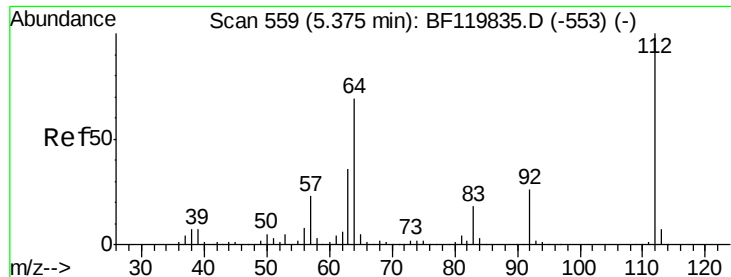
Ion Ratio Lower Upper

42 100

74 114.0 89.0 133.4

44 7.1 6.2 9.4





#5

2-Fluorophenol

Concen: 90.031 ng

RT: 5.35 min Scan# 554

Delta R.T. 0.02 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

Instrument :

BNA_F

ClientSampleId :

BG-4MS

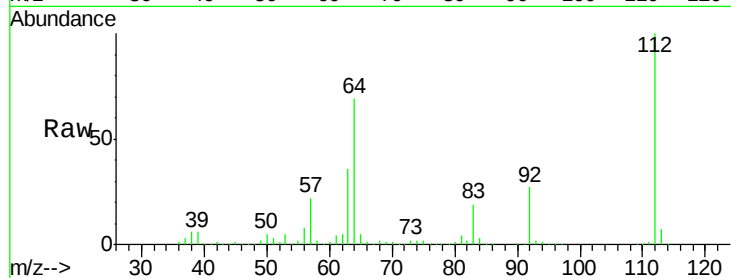
Tot Ion: 112 Resp: 1014699

Ion Ratio Lower Upper

112 100

64 69.4 55.5 83.3

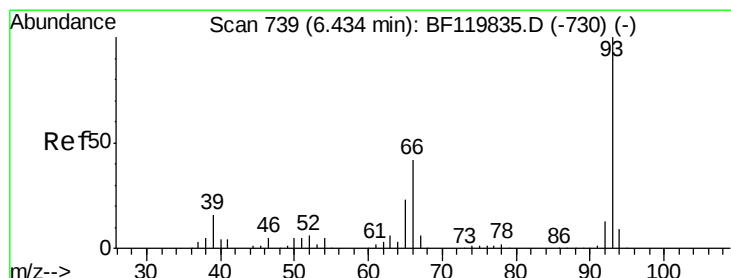
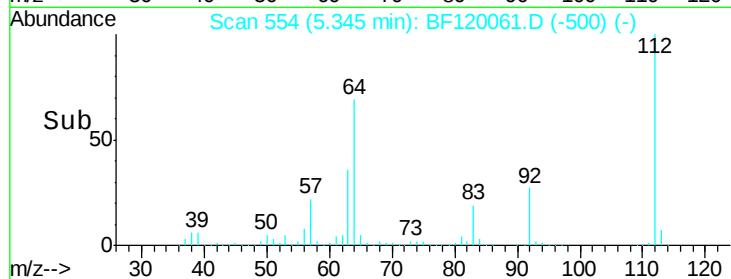
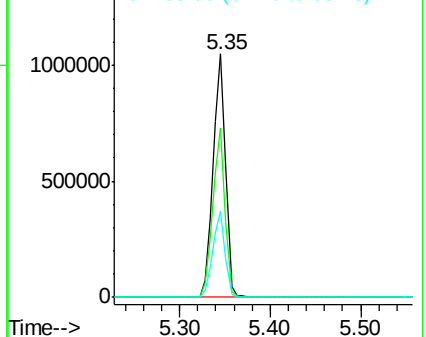
63 35.5 29.1 43.7



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: 29.030 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

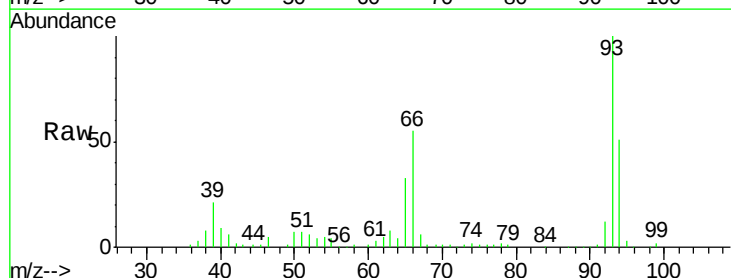
Tgt Ion: 93 Resp: 553339

Ion Ratio Lower Upper

93 100

66 54.7 34.2 51.2#

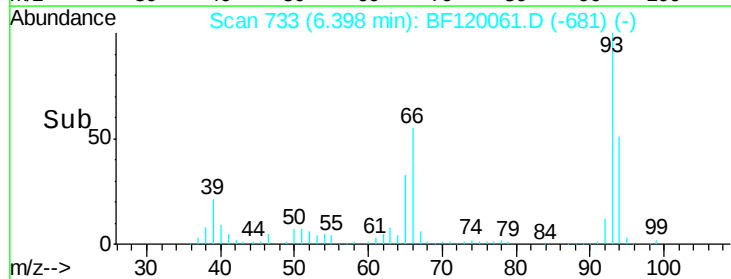
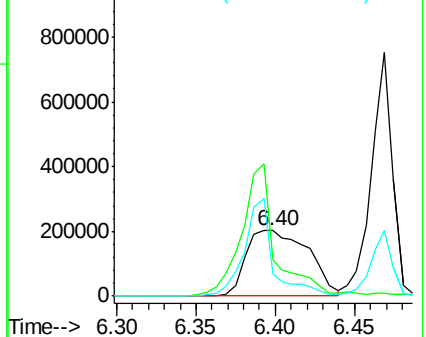
65 32.9 18.3 27.5#

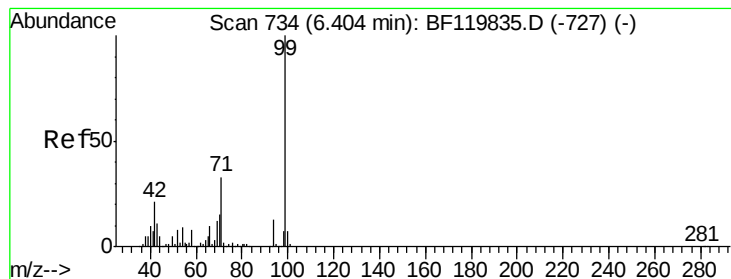


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 87.216 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

Instrument :

BNA_F

ClientSampleId :

BG-4MS

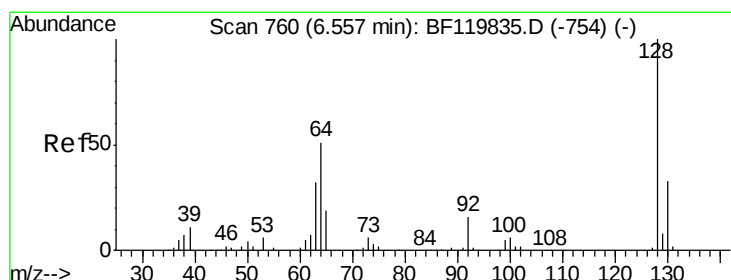
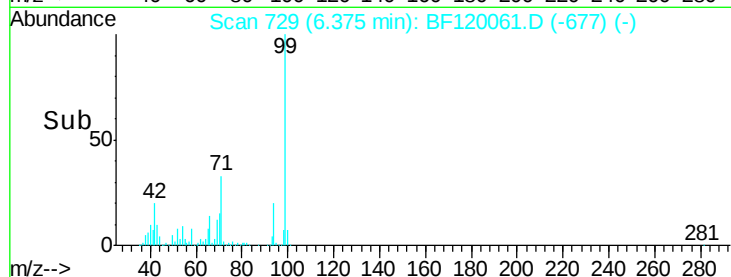
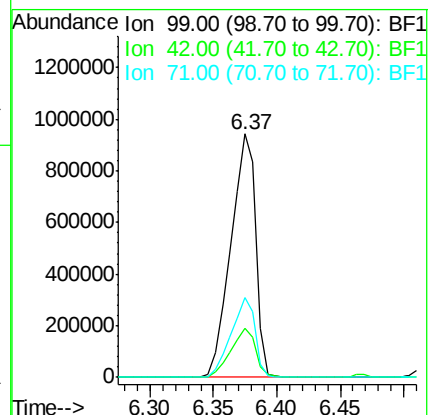
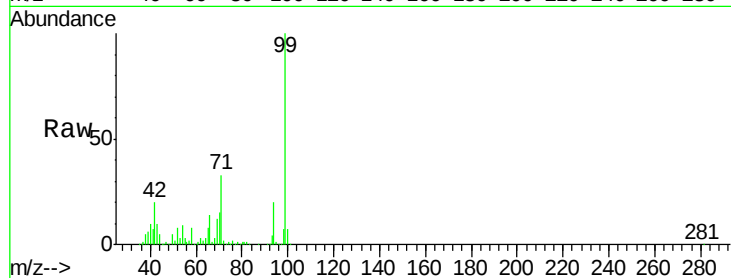
Tot Ion: 99 Resp: 1266599

Ion Ratio Lower Upper

99 100

42 19.9 16.9 25.3

71 32.8 26.3 39.5



#8

2-Chlorophenol

Concen: 56.191 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

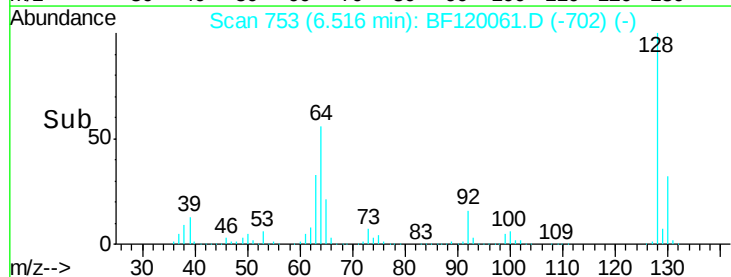
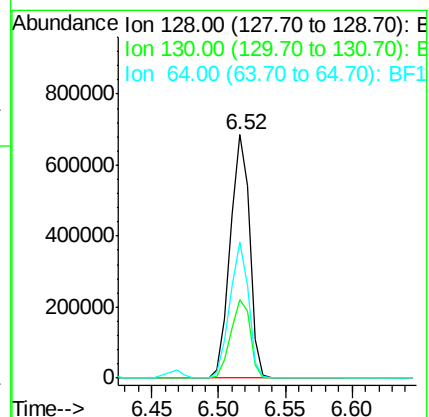
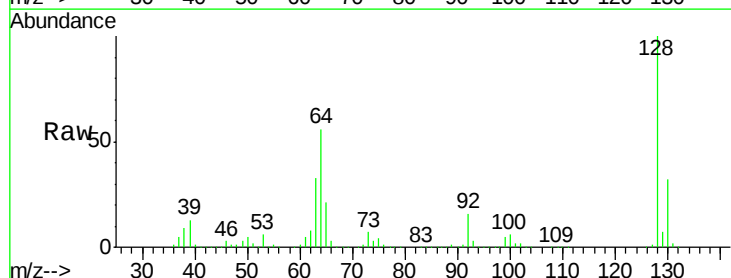
Tgt Ion: 128 Resp: 707609

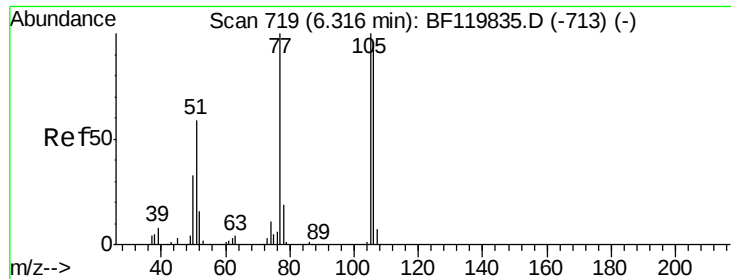
Ion Ratio Lower Upper

128 100

130 32.4 12.6 52.6

64 55.7 32.0 72.0





#9

Benzaldehyde

Concen: 42.261 ng

RT: 6.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

Instrument :

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ClientSampleId :

BG-4MS

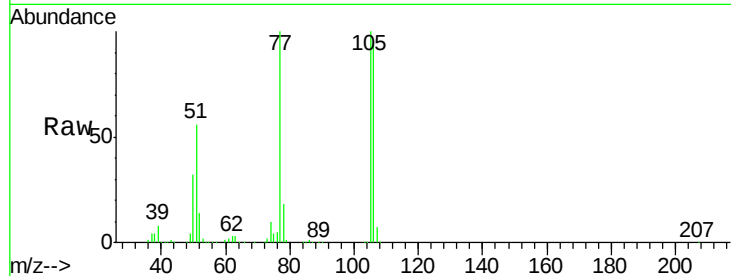
Tot Ion: 77 Resp: 321384

Ion Ratio Lower Upper

77 100

105 100.0 79.9 119.9

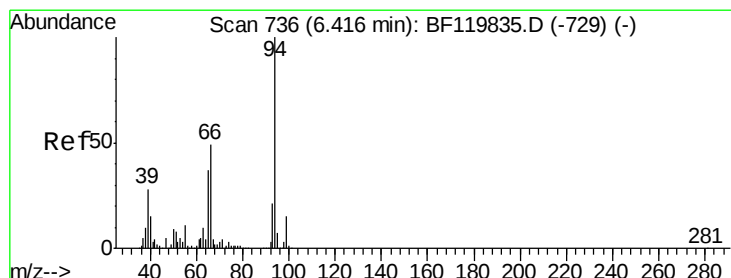
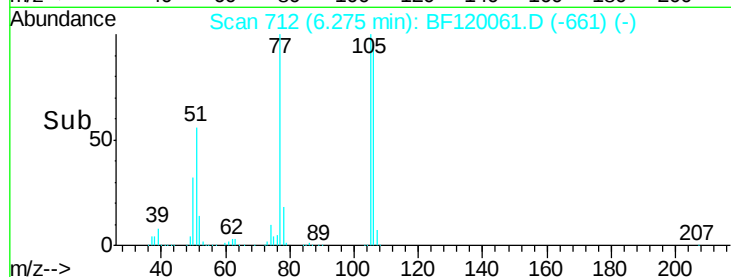
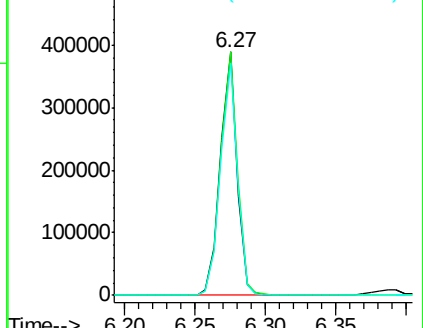
106 95.3 76.4 116.4



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: 53.392 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

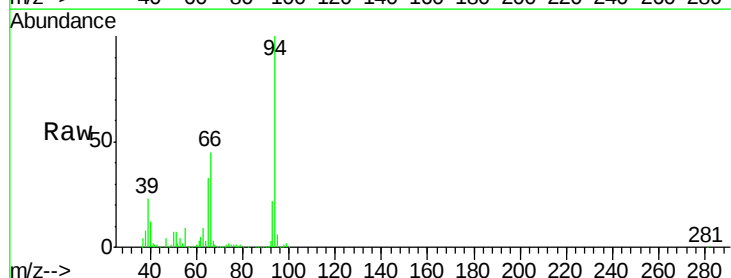
Tgt Ion: 94 Resp: 879667

Ion Ratio Lower Upper

94 100

65 32.9 16.6 56.6

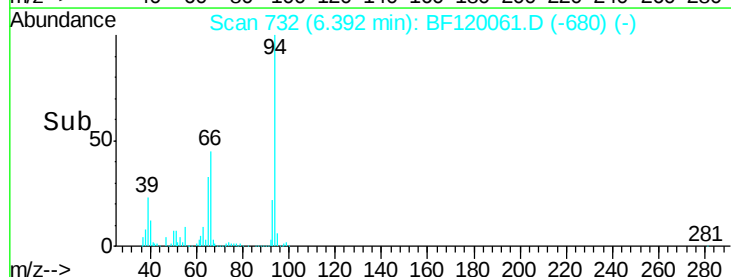
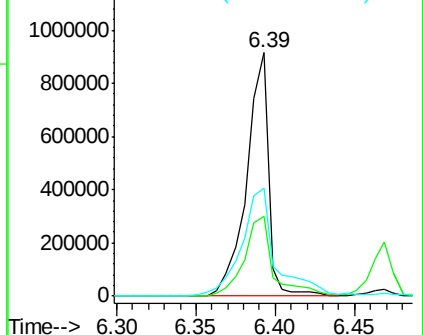
66 44.5 29.3 69.3

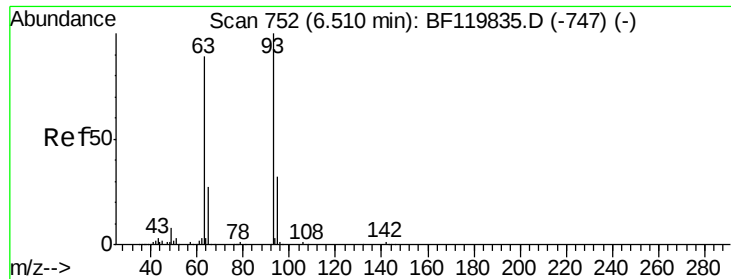


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

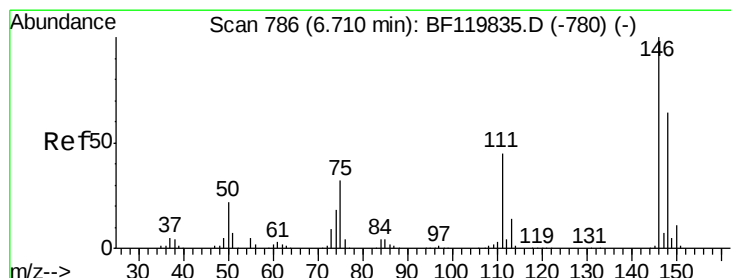
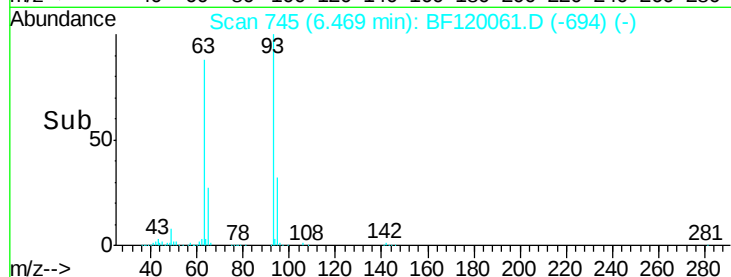
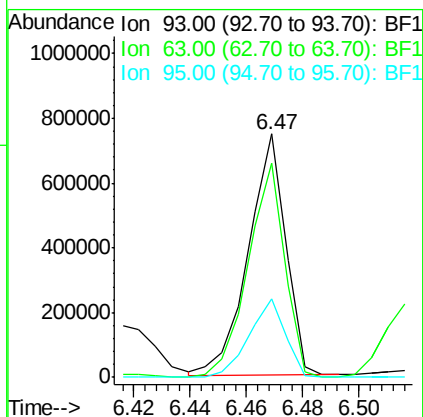
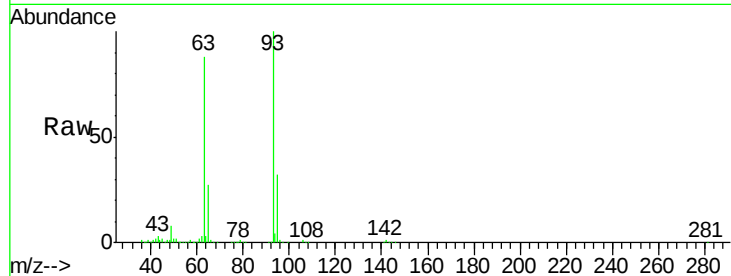




#11
bis(2-Chloroethyl)ether
Concen: 54.043 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

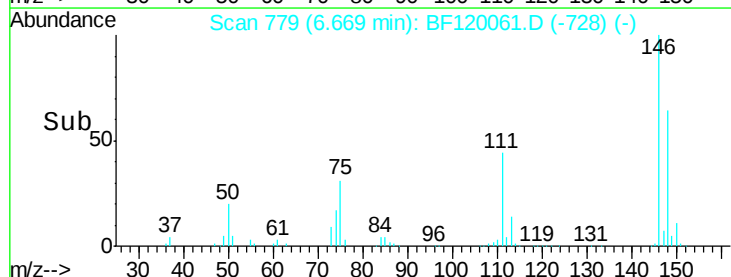
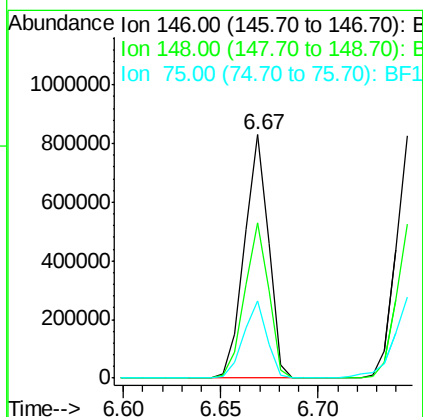
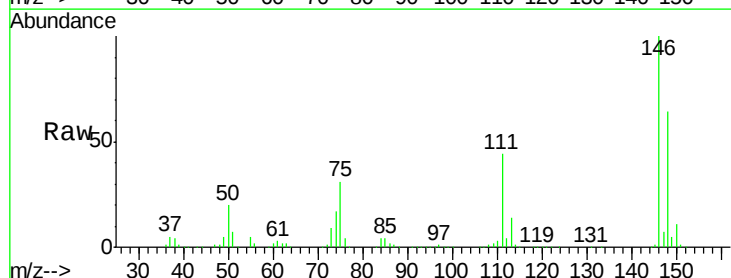
Instrument :
BNA_F
ClientSampleId :
BG-4MS

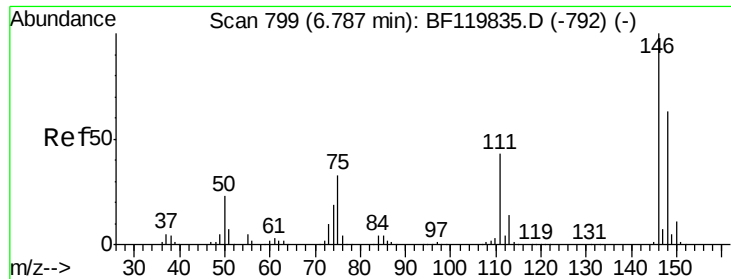
Tot Ion: 93 Resp: 687500
Ion Ratio Lower Upper
93 100
63 87.7 69.1 109.1
95 32.1 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 51.386 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Tgt Ion: 146 Resp: 708438
Ion Ratio Lower Upper
146 100
148 63.6 51.3 76.9
75 31.5 25.3 37.9

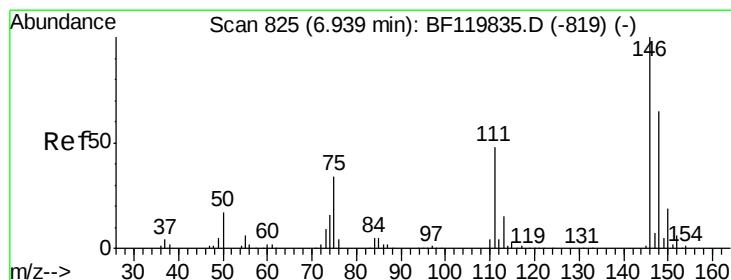
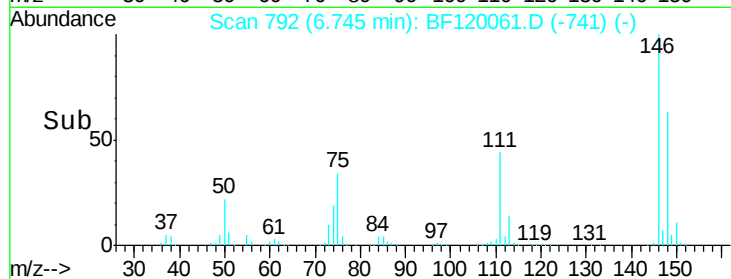
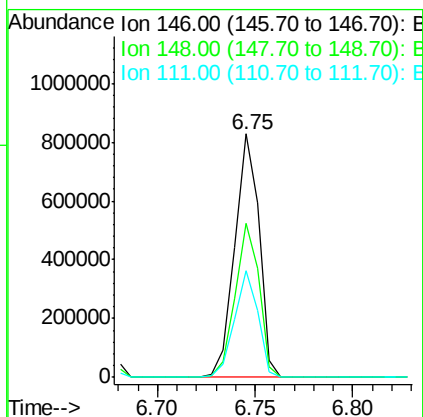
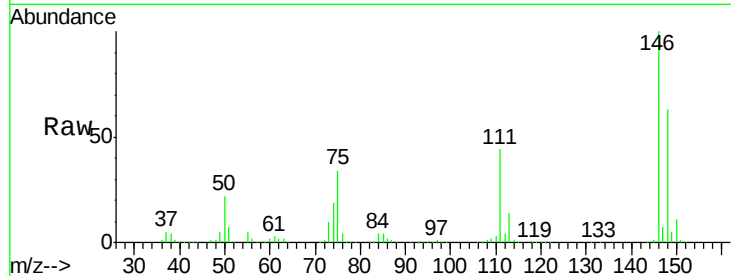




#13
 1,4-Dichlorobenzene
 Concen: 50.859 ng
 RT: 6.75 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF120061.D
 Acq: 17 Apr 2020 16:08

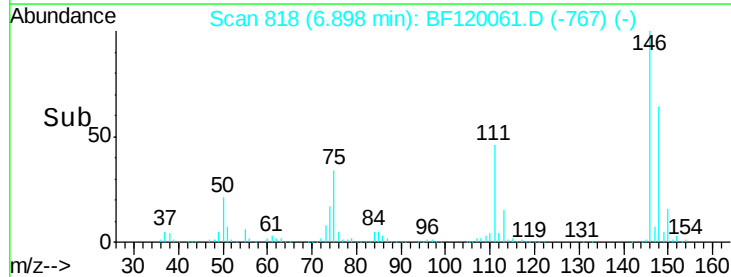
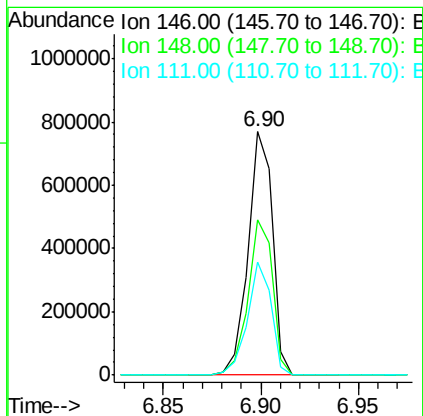
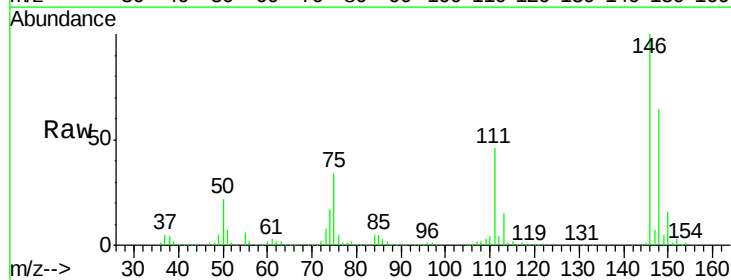
Instrument :
 BNA_F
 ClientSampleId :
 BG-4MS

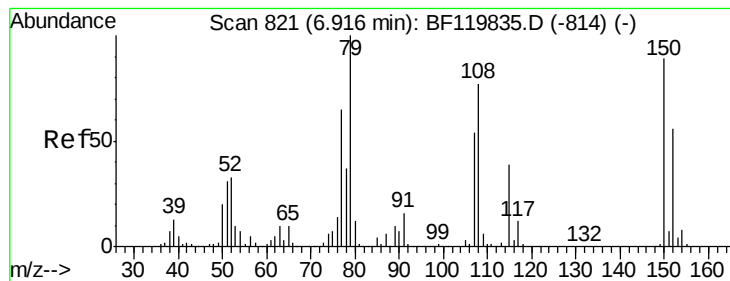
Tot Ion:146 Resp: 714257
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.5 75.7
 111 43.6 34.7 52.1



#14
 1,2-Dichlorobenzene
 Concen: 51.465 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF120061.D
 Acq: 17 Apr 2020 16:08

Tgt Ion:146 Resp: 666095
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.8 77.8
 111 46.4 38.0 57.0





#15

Benzyl Alcohol

Concen: 50.762 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.01 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

Instrument :

BNA_F

ClientSampleID :

BG-4MS

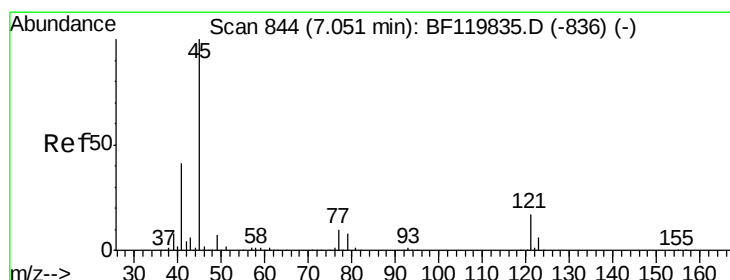
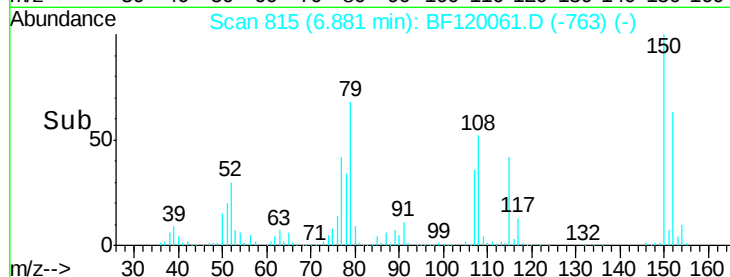
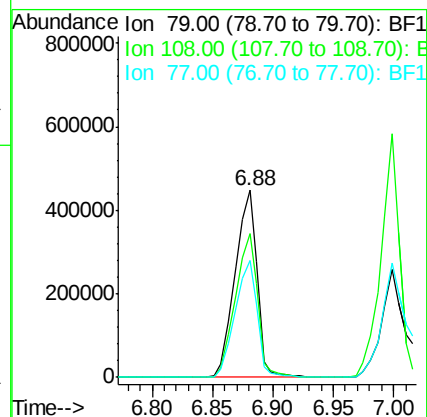
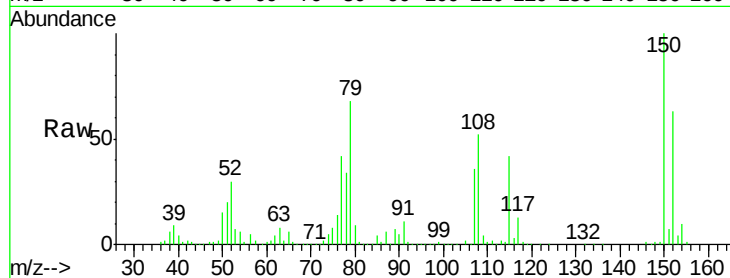
Tot Ion: 79 Resp: 572586

Ion Ratio Lower Upper

79 100

108 77.1 62.0 93.0

77 62.8 51.8 77.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.311 ng

RT: 7.01 min Scan# 837

Delta R.T. 0.00 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

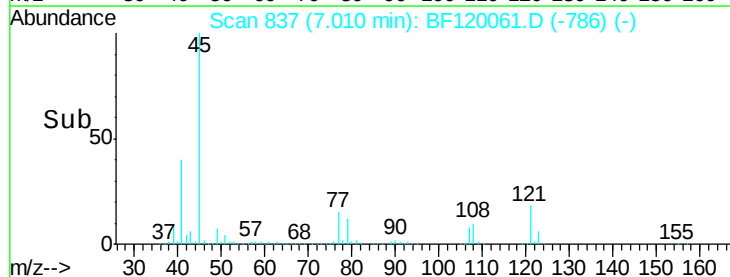
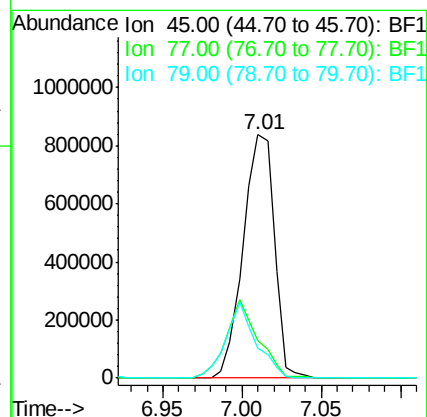
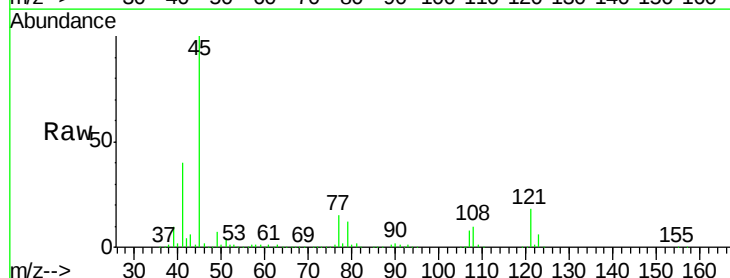
Tgt Ion: 45 Resp: 1146407

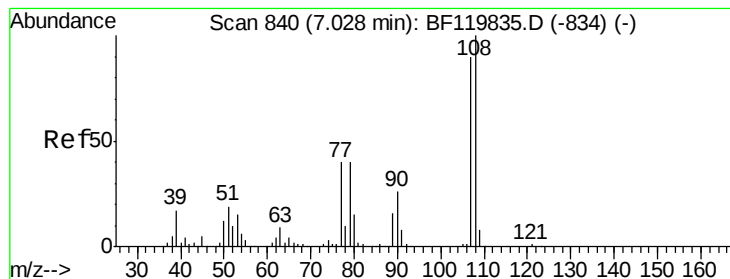
Ion Ratio Lower Upper

45 100

77 15.2 0.0 30.7

79 12.2 0.0 28.6





#17

2-Methylphenol

Concen: 49.224 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

Instrument :

BNA_F

ClientSampleId :

BG-4MS

Tot Ion:107 Resp: 553186

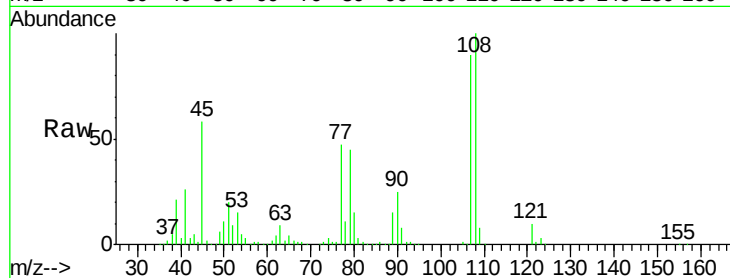
Ion Ratio Lower Upper

107 100

108 111.2 88.8 133.2

77 52.0 36.0 54.0

79 49.6 35.7 53.5

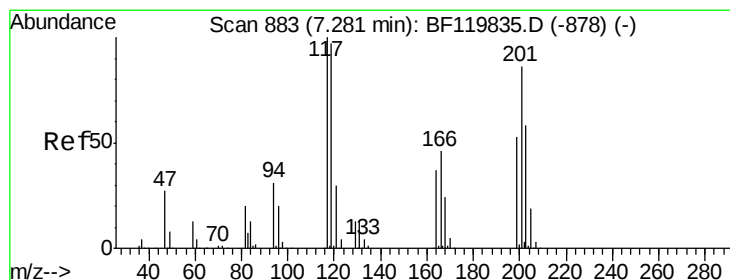
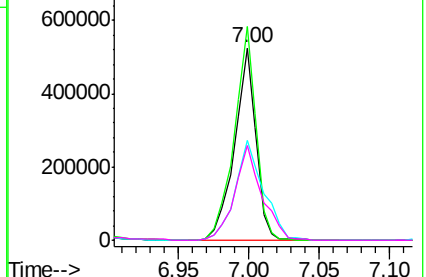
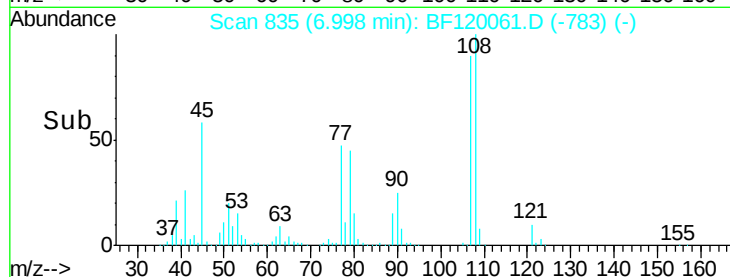


Abundance Ion 107.00 (106.70 to 107.70): E

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



#18

Hexachloroethane

Concen: 48.749 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.00 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

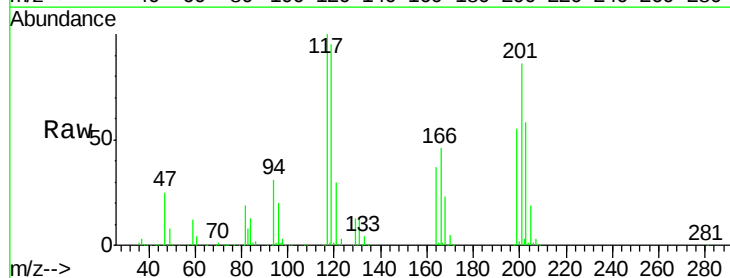
Tgt Ion:117 Resp: 255861

Ion Ratio Lower Upper

117 100

119 94.8 77.4 116.0

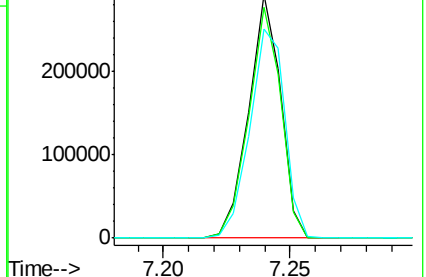
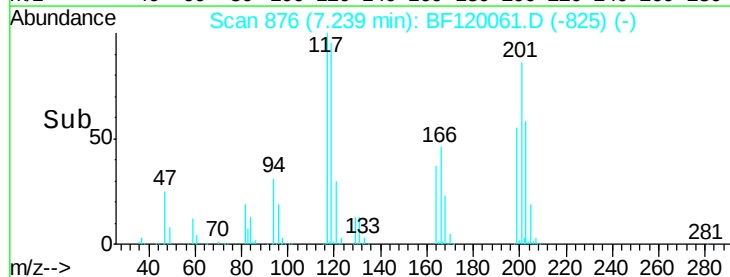
201 85.9 68.4 102.6



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

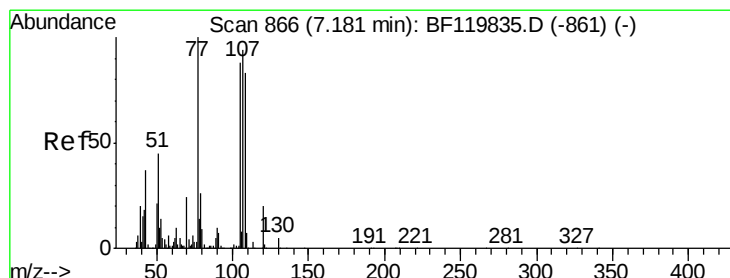
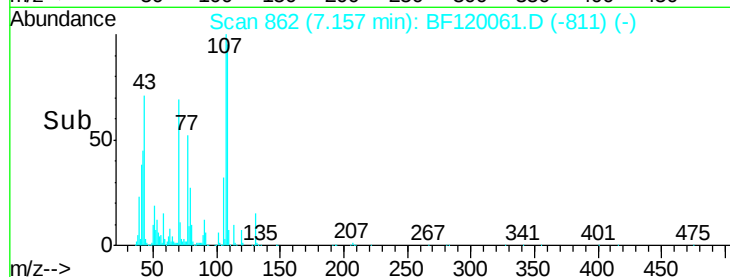
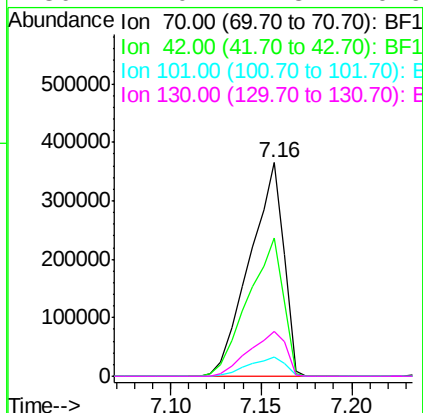
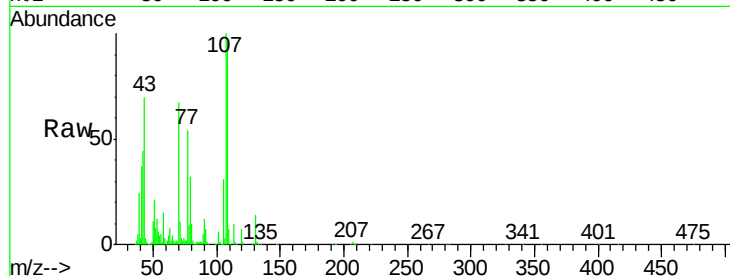




#19
n-Nitroso-di-n-propylamine
Concen: 51.228 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

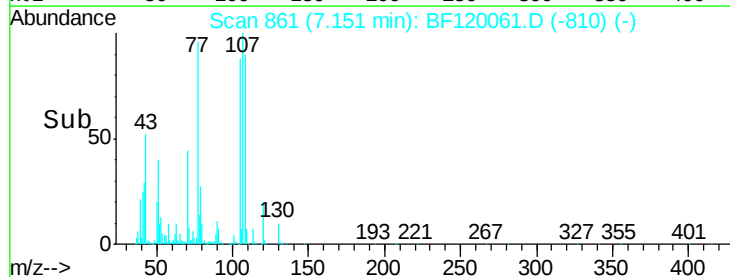
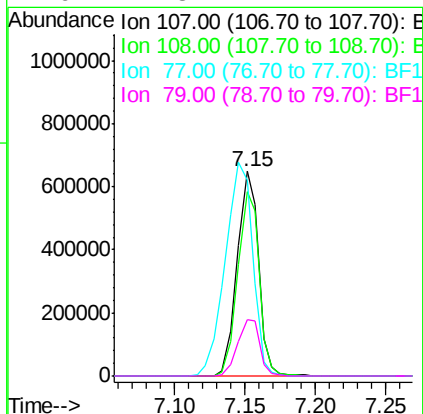
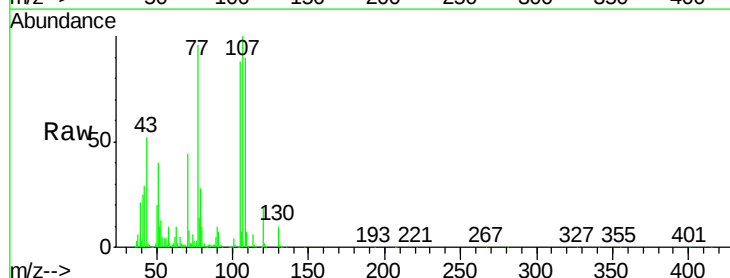
Instrument :
BNA_F
ClientSampled :
BG-4MS

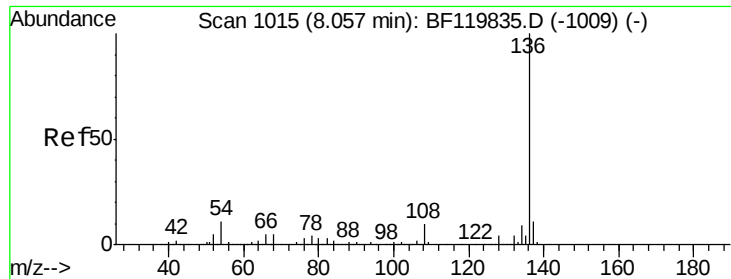
Tot Ion:	70	Resp:	478405
Ion	Ratio	Lower	Upper
70	100		
42	64.7	54.2	81.4
101	9.0	7.4	11.2
130	21.0	17.8	26.6



#20
3+4-Methylphenols
Concen: 49.628 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Tgt Ion:	107	Resp:	682110
Ion	Ratio	Lower	Upper
107	100		
108	89.8	68.2	108.2
77	95.7	86.6	126.6
79	27.8	7.7	47.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

Instrument :

BNA_F

ClientSampleId :

BG-4MS

Tot Ion:136 Resp: 738110

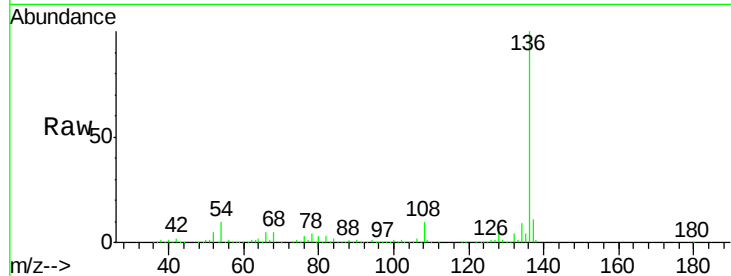
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 10.1 8.5 12.7

68 5.4 3.9 5.9

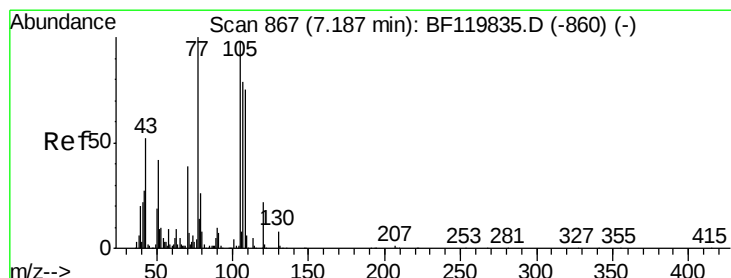
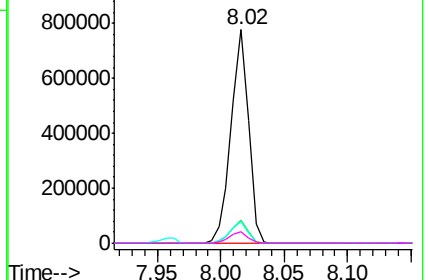
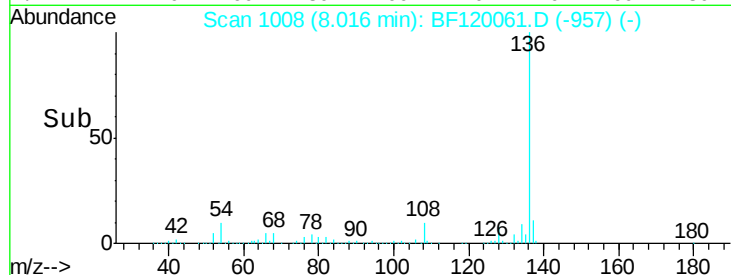


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 53.746 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

Tgt Ion:105 Resp: 928949

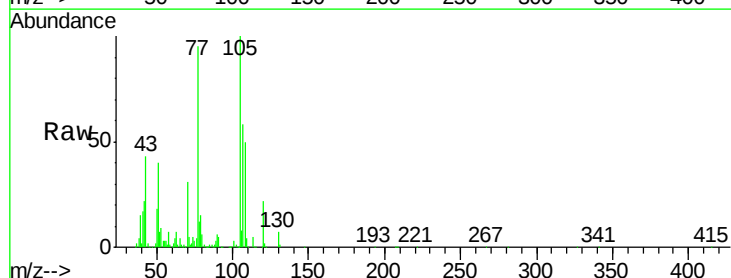
Ion Ratio Lower Upper

105 100

71 5.0 5.6 8.4#

51 39.8 33.9 50.9

120 22.1 17.8 26.8

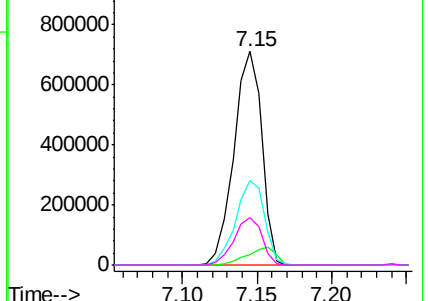
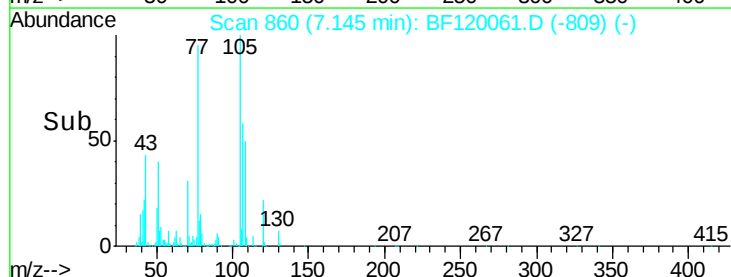


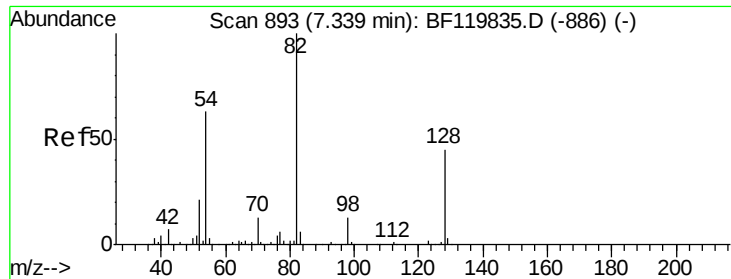
Abundance Ion 105.00 (104.70 to 105.70): E

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

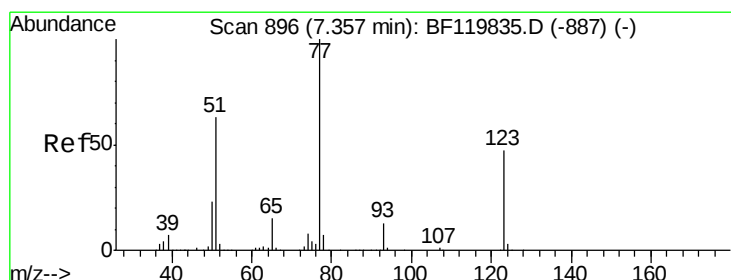
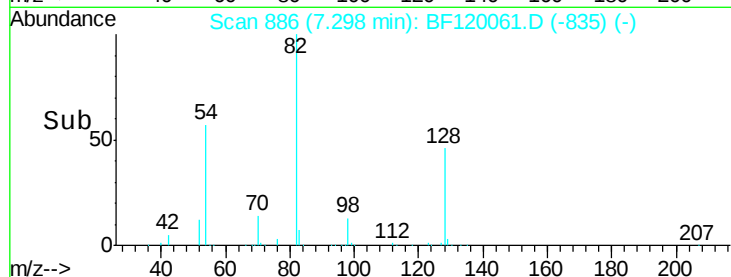
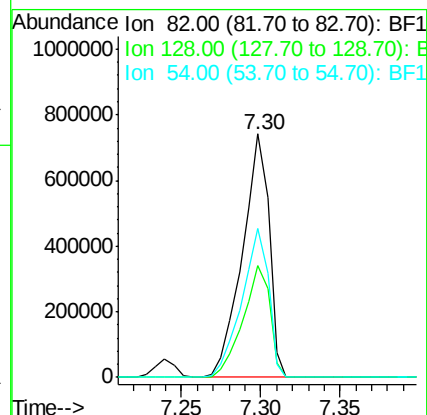
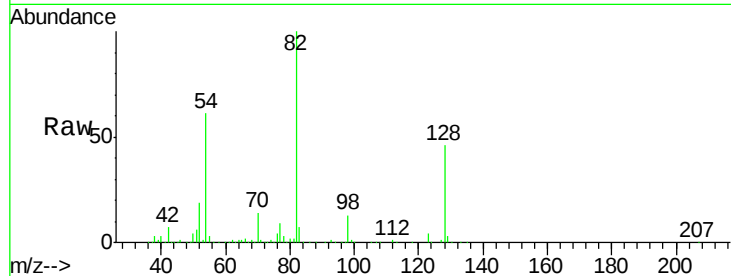




#23
 Nitrobenzene-d5
 Concen: 60.608 ng
 RT: 7.30 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: BF120061.D
 Acq: 17 Apr 2020 16:08

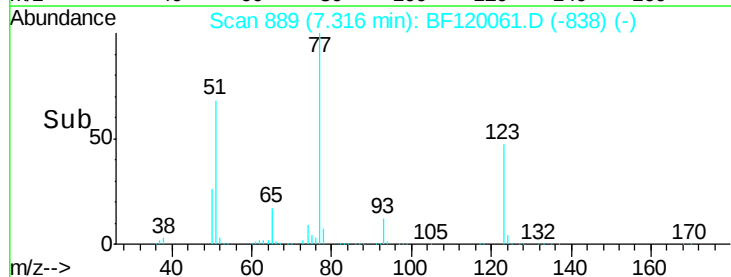
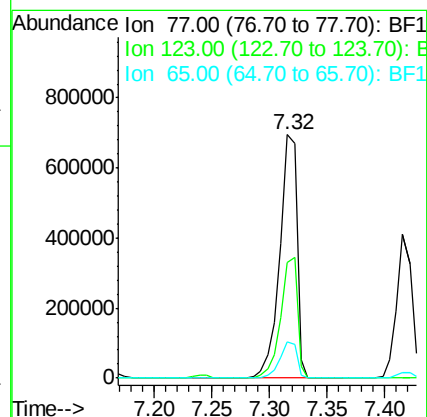
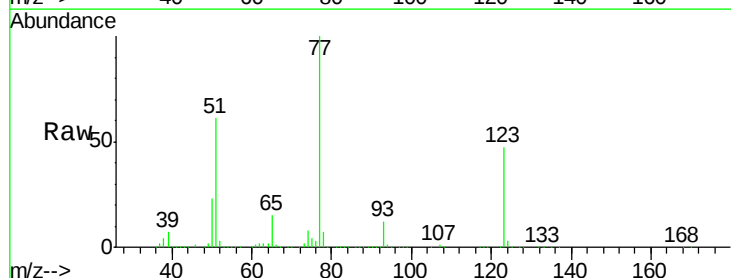
Instrument :
 BNA_F
 ClientSampleId :
 BG-4MS

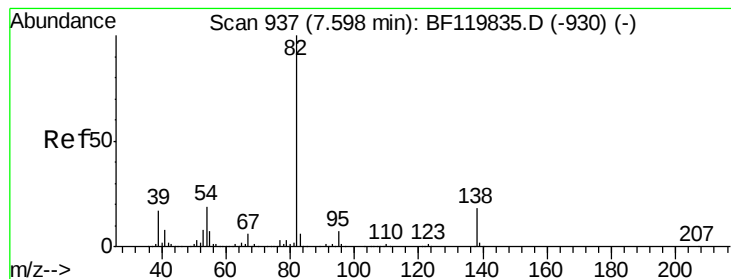
Tot Ion: 82 Resp: 864719
 Ion Ratio Lower Upper
 82 100
 128 46.0 36.2 54.4
 54 61.3 50.4 75.6



#24
 Nitrobenzene
 Concen: 50.658 ng
 RT: 7.32 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: BF120061.D
 Acq: 17 Apr 2020 16:08

Tgt Ion: 77 Resp: 727081
 Ion Ratio Lower Upper
 77 100
 123 47.3 37.8 56.8
 65 15.1 12.2 18.2





#25

Isophorone

Concen: 48.532 ng

RT: 7.56 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

Instrument :

BNA_F

ClientSampleId :

BG-4MS

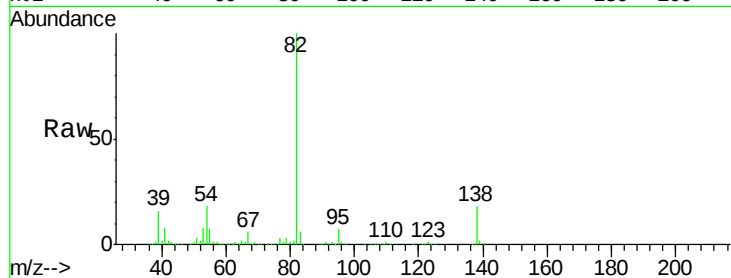
Tot Ion: 82 Resp: 1334817

Ion Ratio Lower Upper

82 100

95 6.9 5.8 8.6

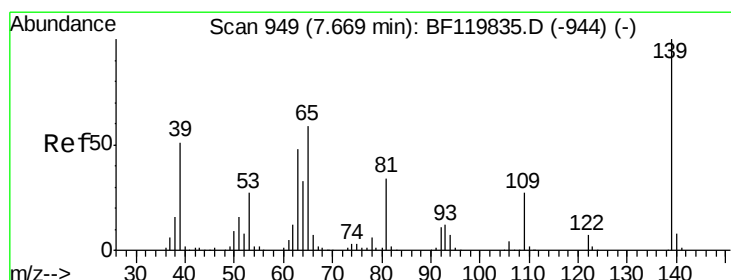
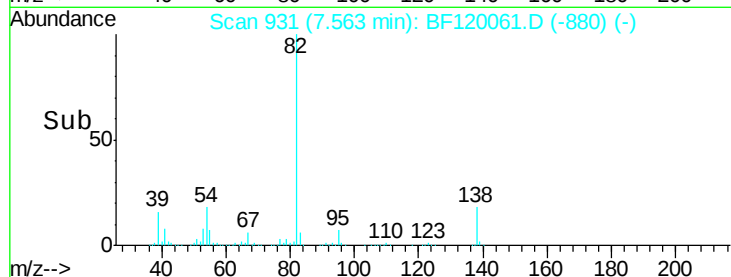
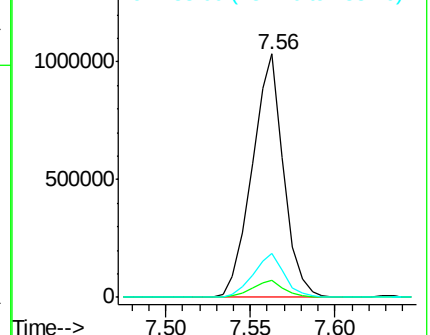
138 18.1 14.5 21.7



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 51.703 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

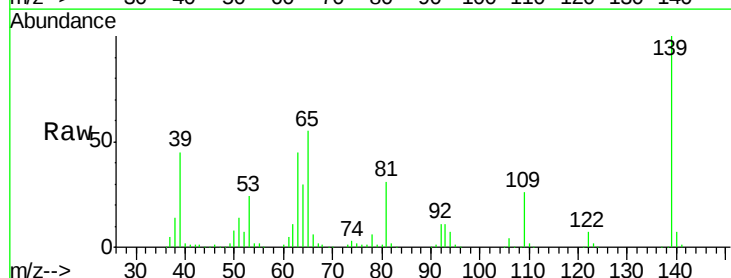
Tgt Ion: 139 Resp: 370743

Ion Ratio Lower Upper

139 100

109 25.6 21.8 32.6

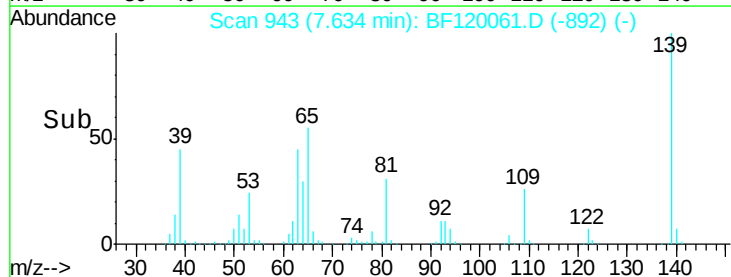
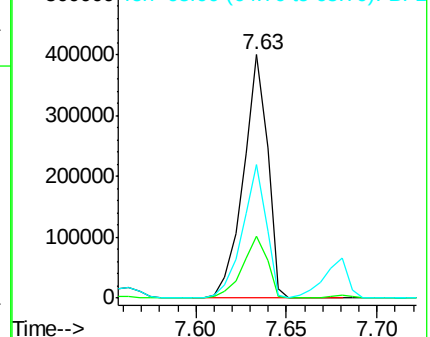
65 54.8 47.0 70.4

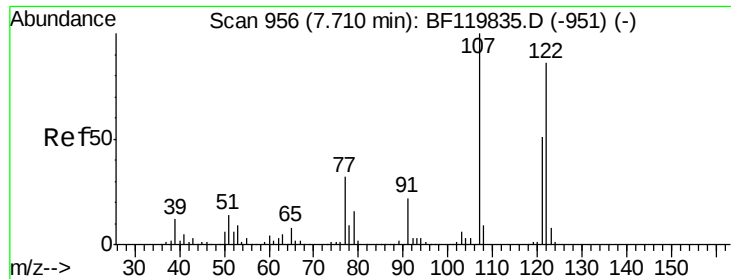


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 53.244 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.01 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

Instrument :

BNA_F

ClientSampleId :

BG-4MS

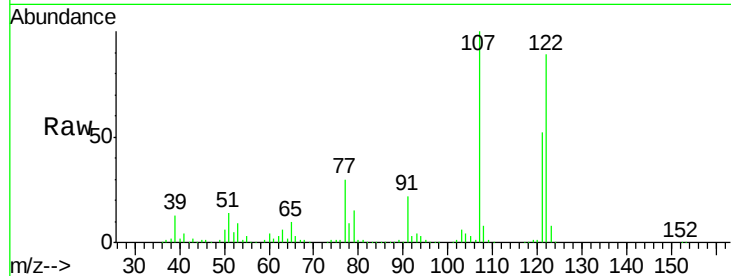
Tot Ion:122 Resp: 575810

Ion Ratio Lower Upper

122 100

107 112.4 92.3 138.5

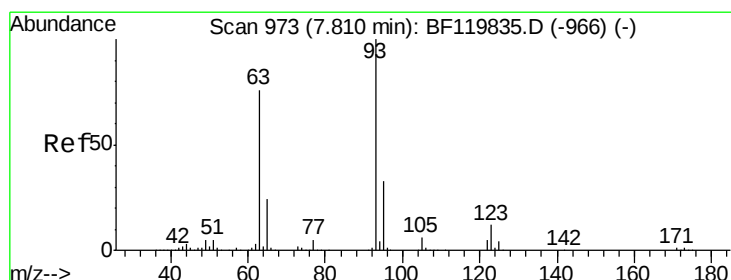
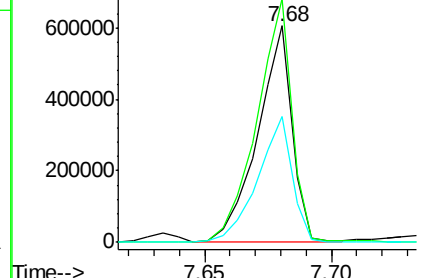
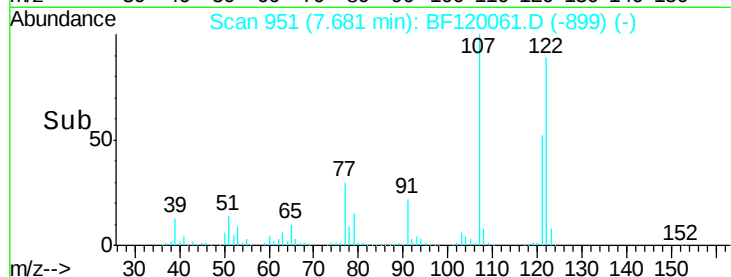
121 58.3 46.6 70.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 52.801 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

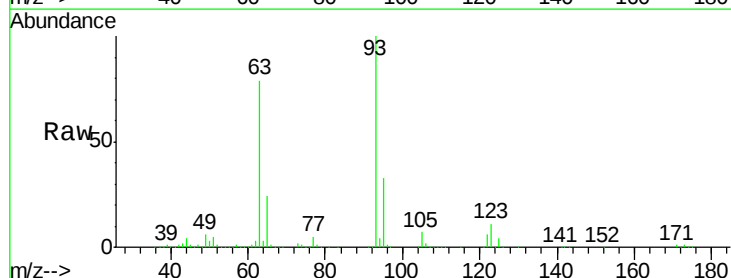
Tgt Ion: 93 Resp: 854541

Ion Ratio Lower Upper

93 100

95 33.0 26.4 39.6

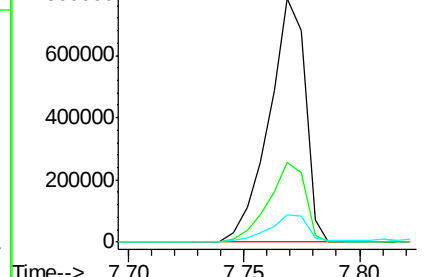
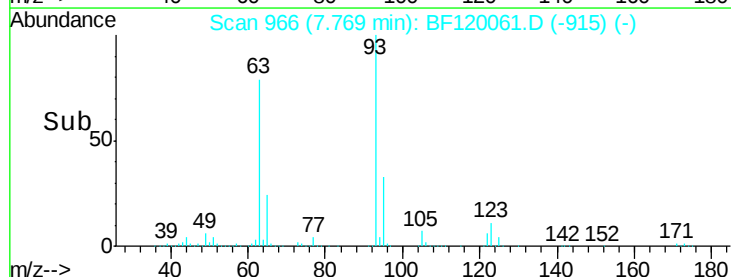
123 11.3 9.7 14.5

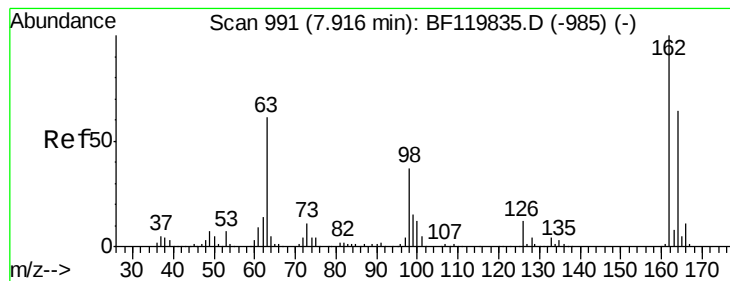


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 49.269 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.01 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

Instrument :

BNA_F

ClientSampleId :

BG-4MS

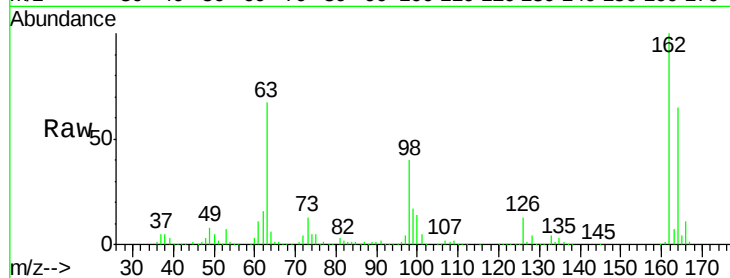
Tot Ion:162 Resp: 546152

Ion Ratio Lower Upper

162 100

164 64.9 44.4 84.4

98 40.1 17.3 57.3

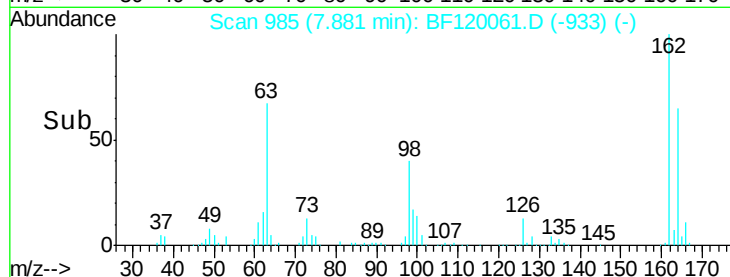


Abundance Ion 162.00 (161.70 to 162.70): E

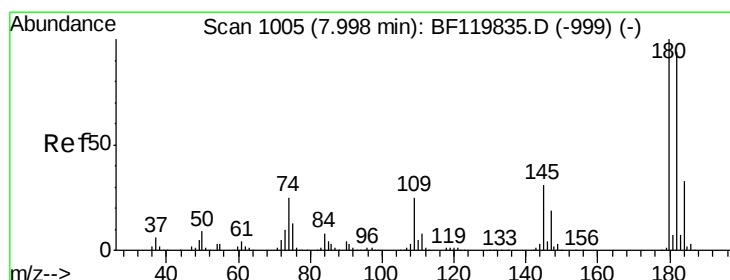
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1

Time-->



Time-->



#30

1,2,4-Trichlorobenzene

Concen: 48.357 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.00 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

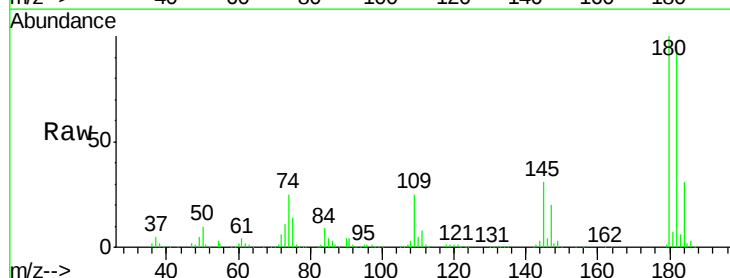
Tgt Ion:180 Resp: 607383

Ion Ratio Lower Upper

180 100

182 94.9 75.4 113.0

145 30.9 24.6 37.0

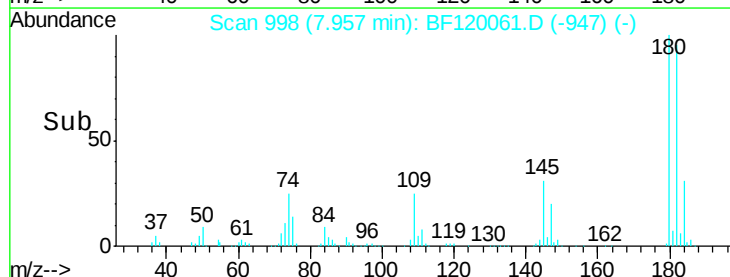


Abundance Ion 180.00 (179.70 to 180.70): E

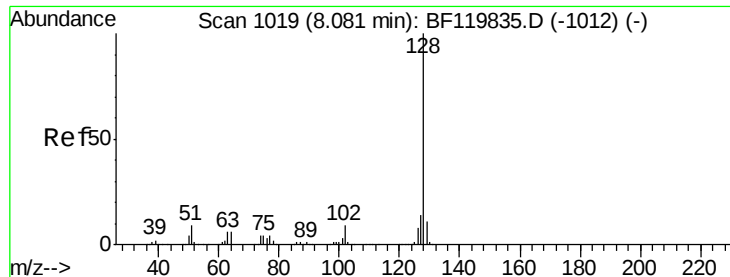
Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

Time-->



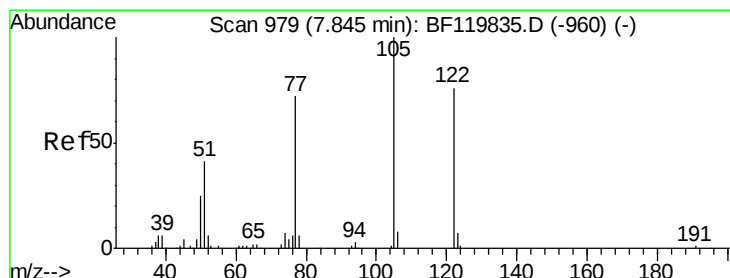
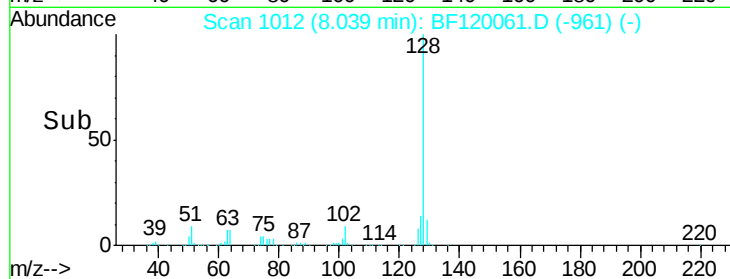
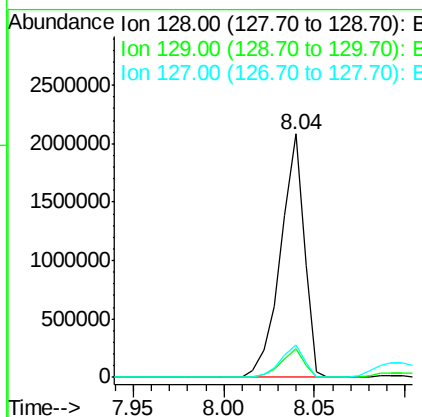
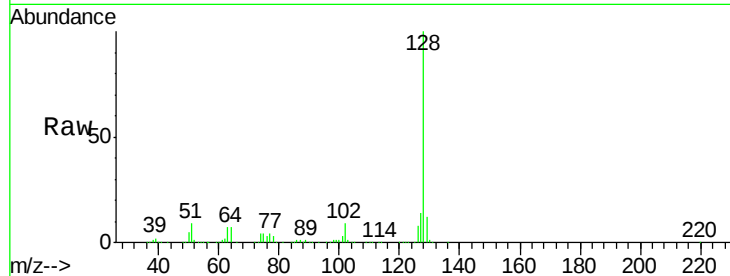
Time-->



#31
Naphthalene
Concen: 48.975 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

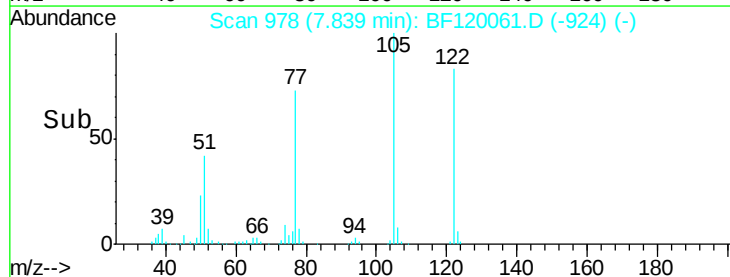
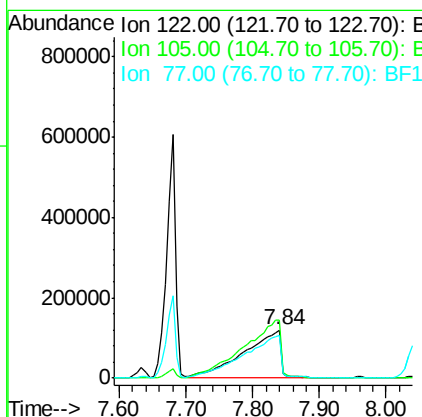
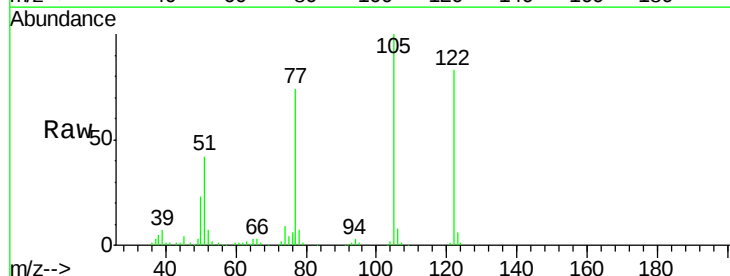
Instrument :
BNA_F
ClientSampleId :
BG-4MS

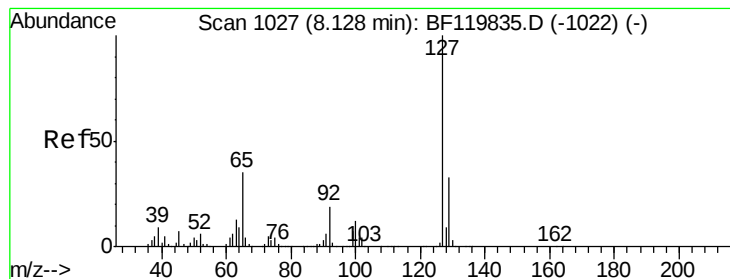
Tot Ion:128 Resp: 1901917
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 13.6 11.0 16.4



#32
Benzoic acid
Concen: 48.164 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.02 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Tgt Ion:122 Resp: 457459
Ion Ratio Lower Upper
122 100
105 120.7 106.7 146.7
77 88.9 72.1 112.1





#33

4-Chloroaniline

Concen: 14.141 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.01 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

Instrument :

BNA_F

ClientSampleId :

BG-4MS

Tot Ion:127 Resp: 239072

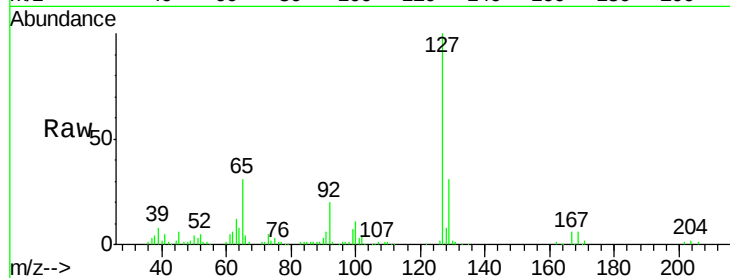
Ion Ratio Lower Upper

127 100

129 31.3 26.2 39.2

65 31.3 28.3 42.5

92 19.7 15.4 23.2

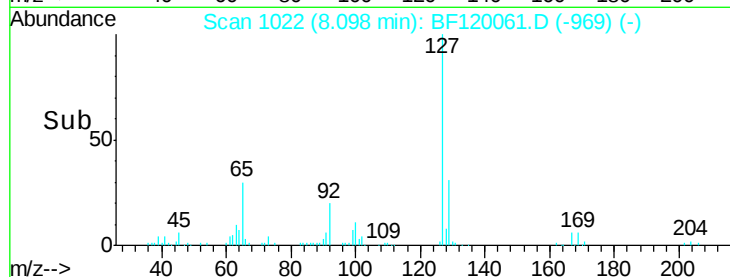


Abundance Ion 127.00 (126.70 to 127.70): E

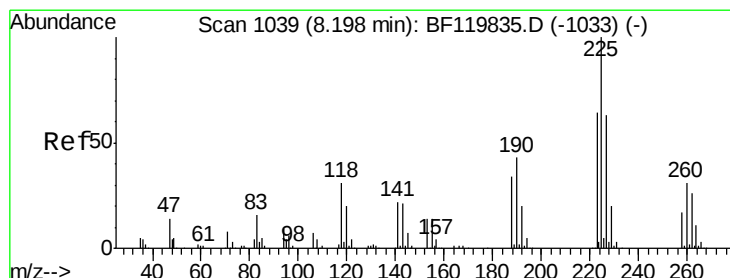
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



Time--> 8.00 8.05 8.10 8.15 8.20



#34

Hexachlorobutadiene

Concen: 47.280 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

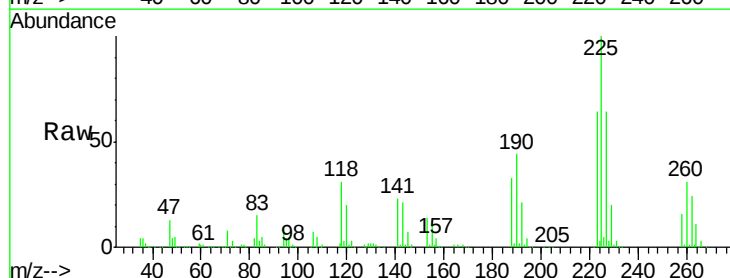
Tgt Ion:225 Resp: 355488

Ion Ratio Lower Upper

225 100

223 63.8 51.0 76.6

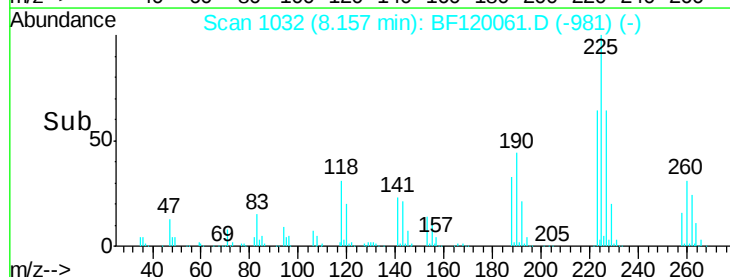
227 63.5 50.4 75.6



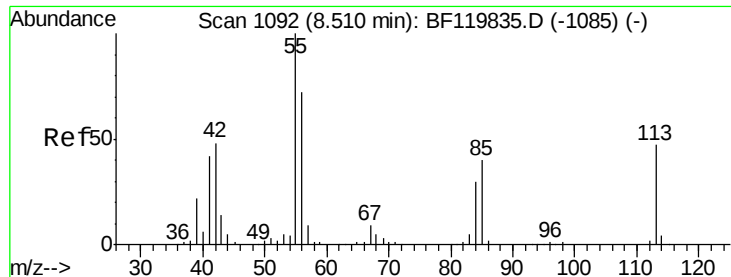
Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



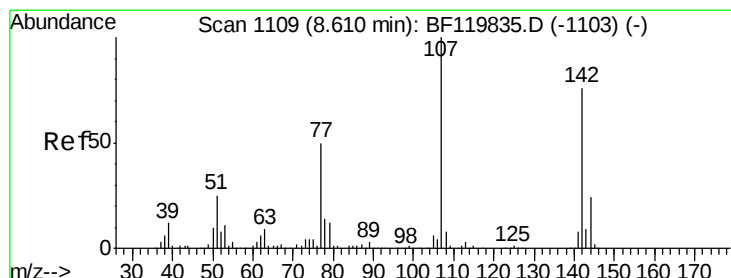
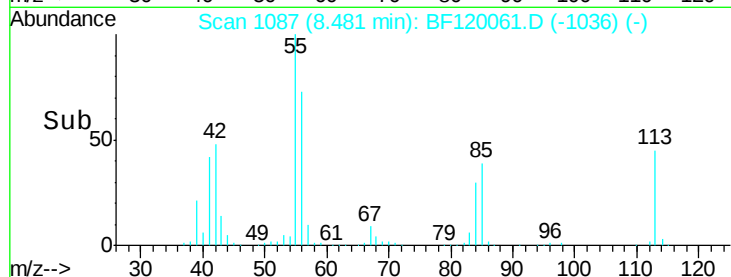
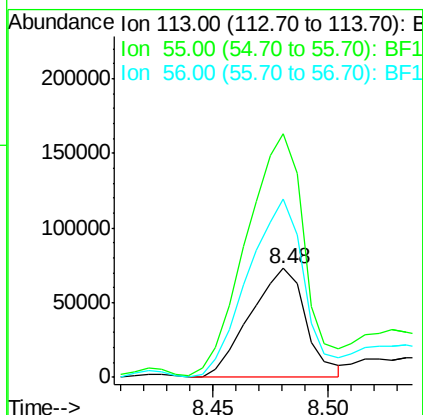
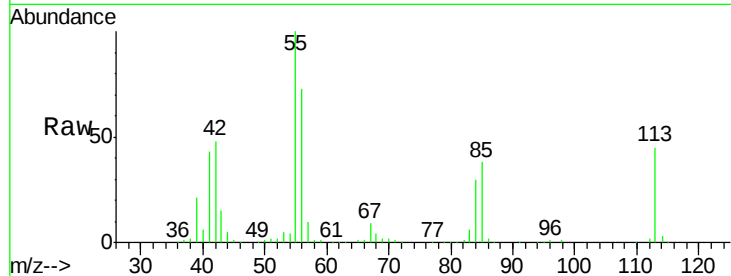
Time--> 8.10 8.15 8.20



#35
Caprolactam
Concen: 35.885 ng
RT: 8.48 min Scan# 1087
Delta R.T. 0.00 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

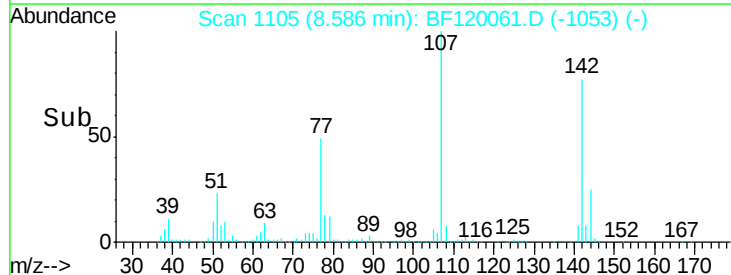
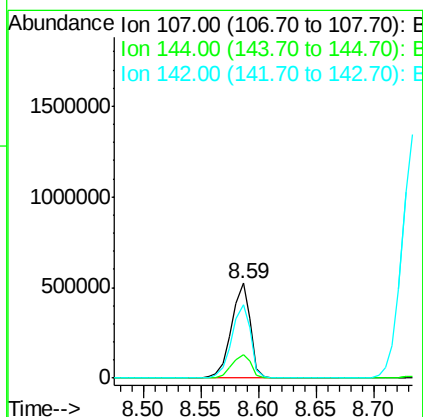
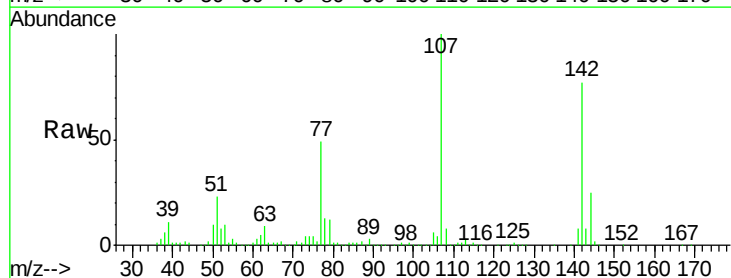
Instrument :
BNA_F
ClientSampleId :
BG-4MS

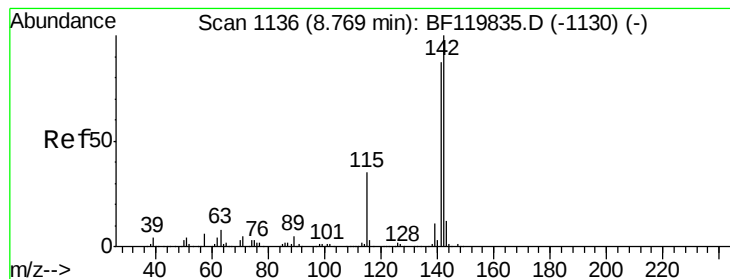
Tot Ion:113 Resp: 121683
Ion Ratio Lower Upper
113 100
55 223.4 192.7 232.7
56 163.4 133.3 173.3



#36
4-Chloro-3-methylphenol
Concen: 48.952 ng
RT: 8.59 min Scan# 1105
Delta R.T. 0.01 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Tgt Ion:107 Resp: 587505
Ion Ratio Lower Upper
107 100
144 25.0 19.5 29.3
142 76.7 60.5 90.7

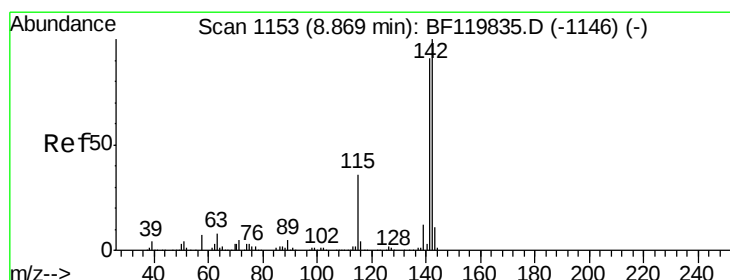
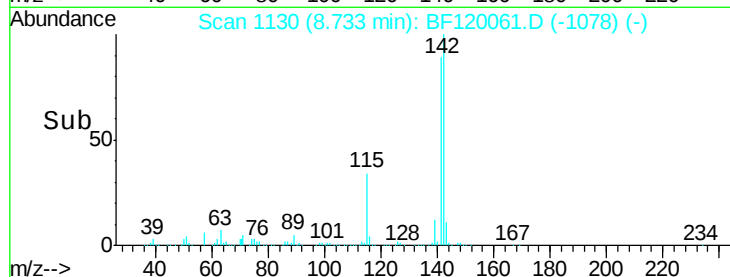
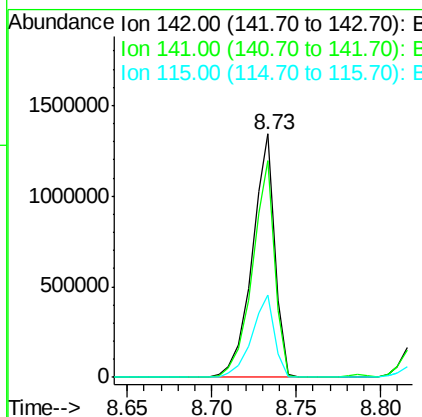
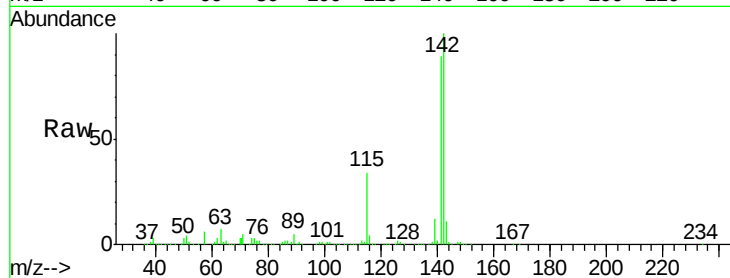




#37
 2-Methylnaphthalene
 Concen: 47.809 ng
 RT: 8.73 min Scan# 1130
 Delta R.T. 0.01 min
 Lab File: BF120061.D
 Acq: 17 Apr 2020 16:08

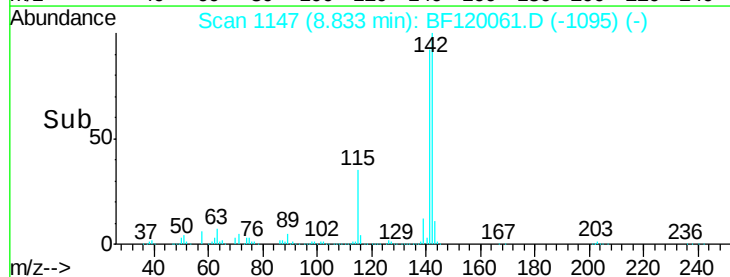
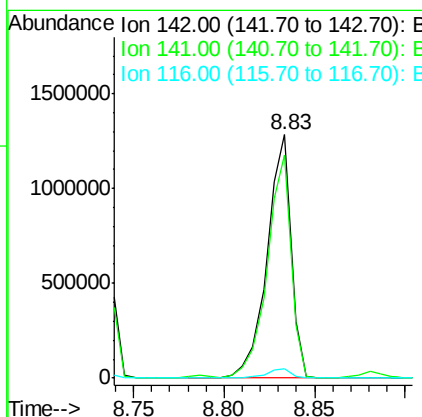
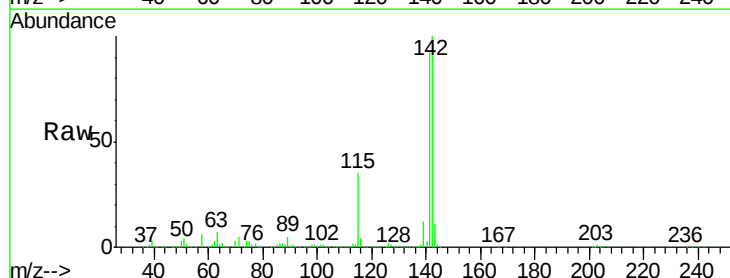
Instrument :
 BNA_F
 ClientSampleId :
 BG-4MS

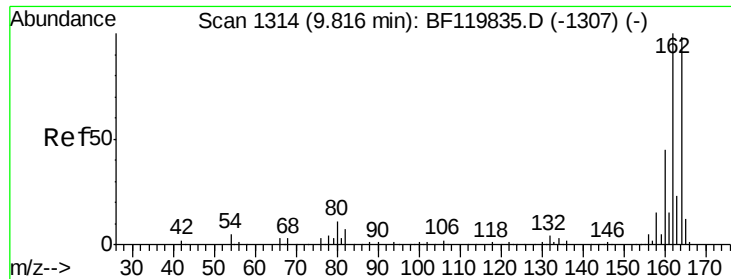
Tot Ion:142 Resp: 1258718
 Ion Ratio Lower Upper
 142 100
 141 88.9 69.9 104.9
 115 33.9 28.0 42.0



#38
 1-Methylnaphthalene
 Concen: 47.480 ng
 RT: 8.83 min Scan# 1147
 Delta R.T. 0.01 min
 Lab File: BF120061.D
 Acq: 17 Apr 2020 16:08

Tgt Ion:142 Resp: 1178252
 Ion Ratio Lower Upper
 142 100
 141 91.6 72.9 109.3
 116 3.6 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

Instrument :

BNA_F

ClientSampleId :

BG-4MS

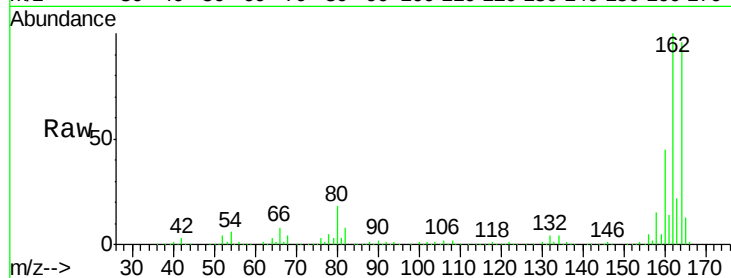
Tot Ion:164 Resp: 340515

Ion Ratio Lower Upper

164 100

162 104.5 81.9 122.9

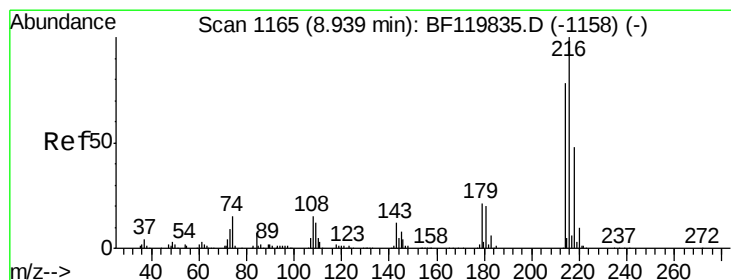
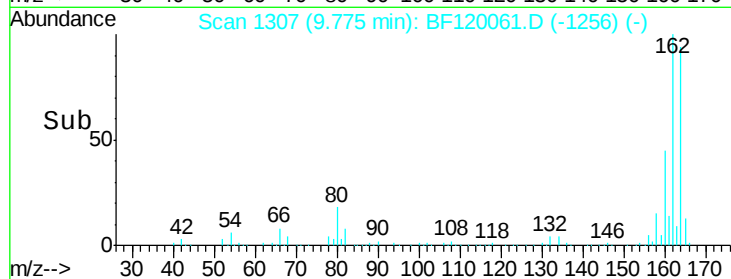
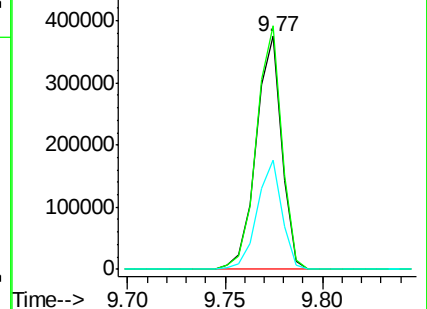
160 46.7 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.013 ng

RT: 8.90 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

Tgt Ion:216 Resp: 559392

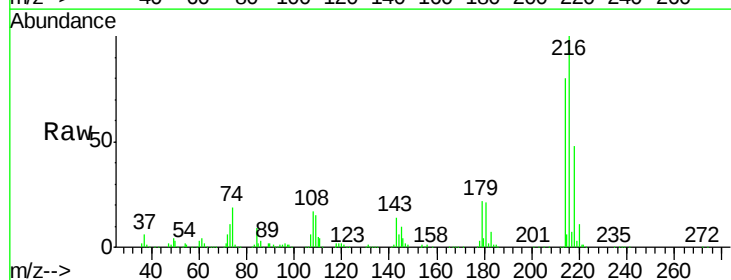
Ion Ratio Lower Upper

216 100

214 79.9 63.1 94.7

179 21.4 17.0 25.4

108 17.9 14.8 22.2

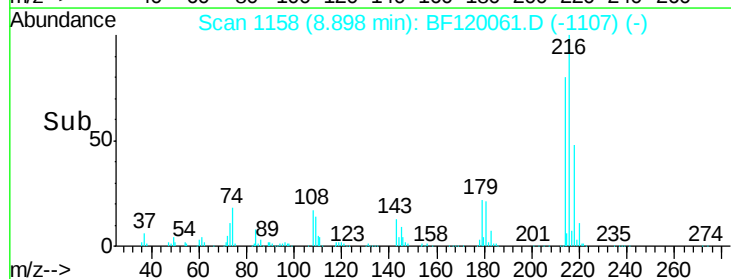
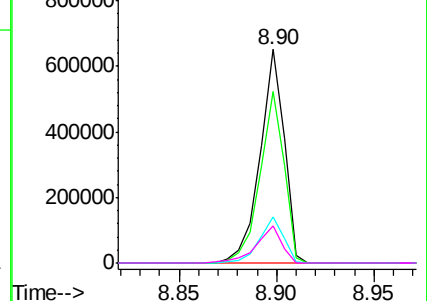


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 41.145 ng

RT: 8.89 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

Instrument :

BNA_F

ClientSampleId :

BG-4MS

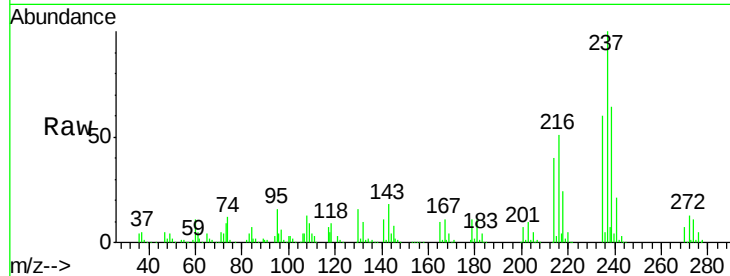
Tot Ion:237 Resp: 251626

Ion Ratio Lower Upper

237 100

235 60.1 44.9 84.9

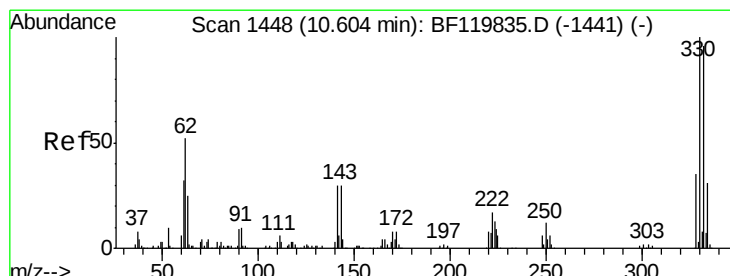
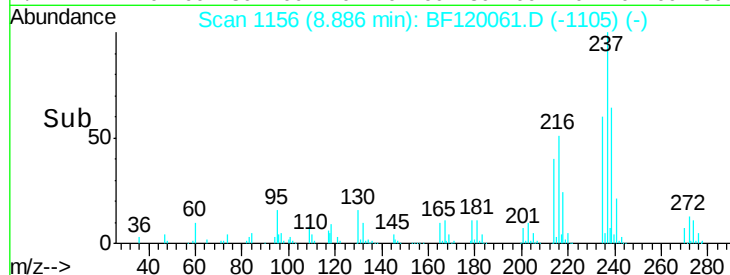
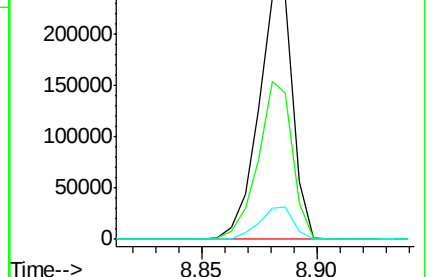
272 13.1 0.0 33.6



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: 69.223 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

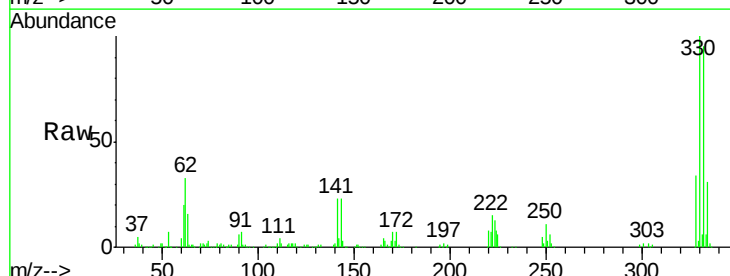
Tgt Ion:330 Resp: 288594

Ion Ratio Lower Upper

330 100

332 94.8 76.8 115.2

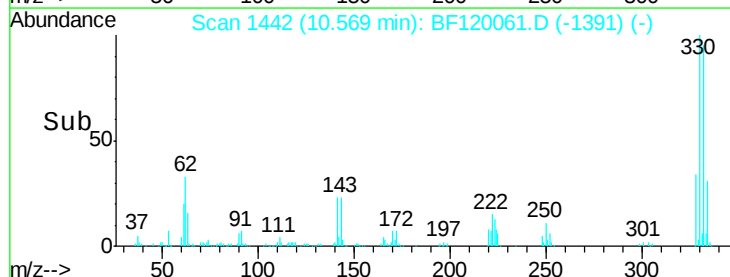
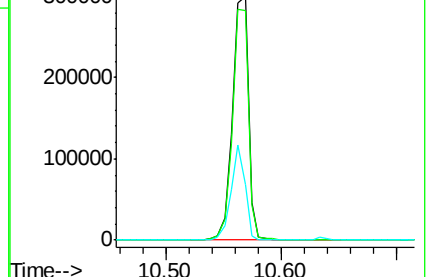
141 34.1 25.1 37.7

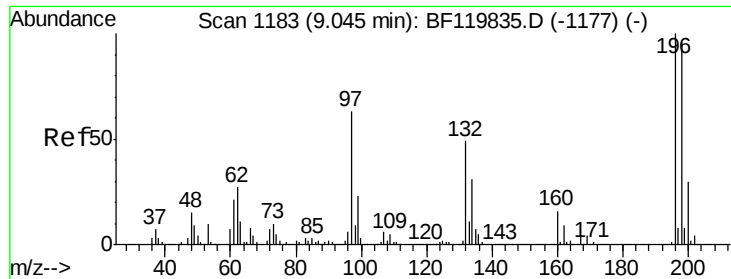


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

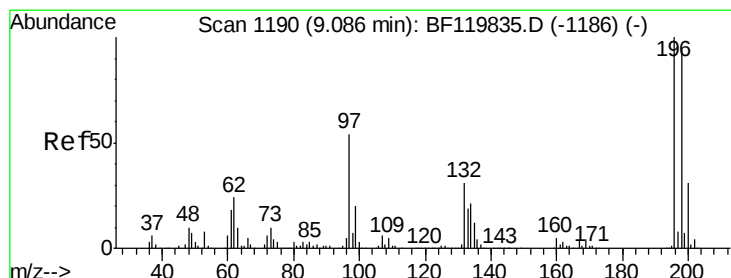
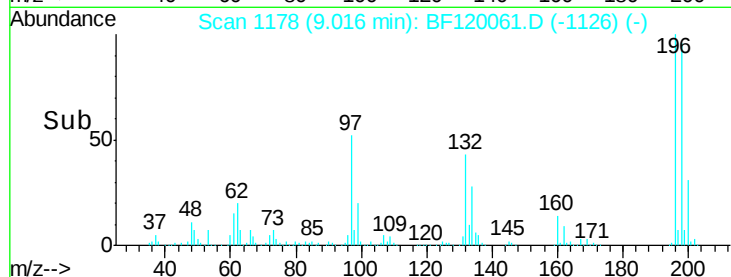
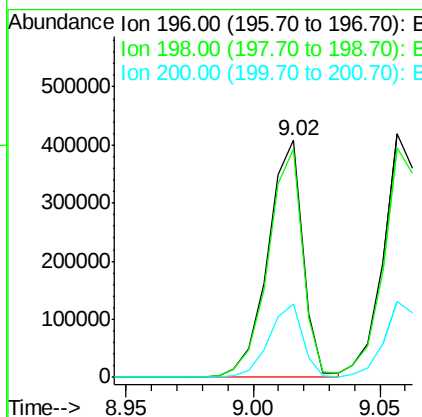
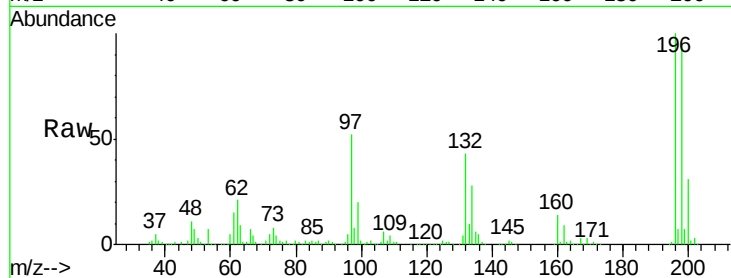




#43
 2,4,6-Trichlorophenol
 Concen: 52.623 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BF120061.D
 Acq: 17 Apr 2020 16:08

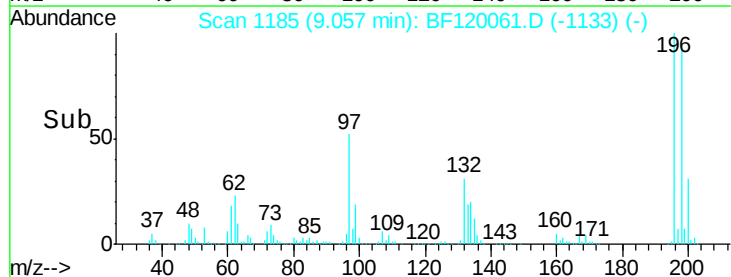
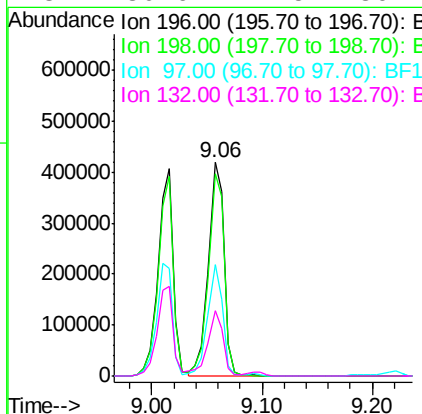
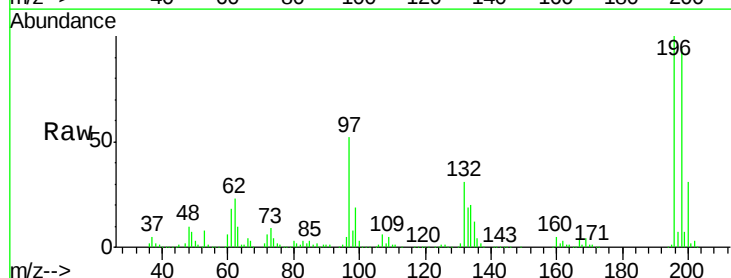
Instrument :
 BNA_F
 ClientSampled :
 BG-4MS

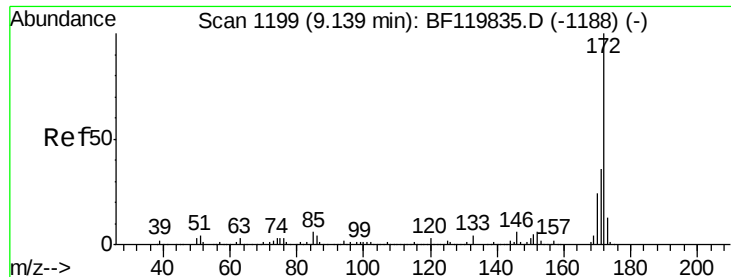
Tot Ion:196 Resp: 390821
 Ion Ratio Lower Upper
 196 100
 198 96.4 76.6 115.0
 200 31.1 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 48.205 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF120061.D
 Acq: 17 Apr 2020 16:08

Tgt Ion:196 Resp: 403223
 Ion Ratio Lower Upper
 196 100
 198 94.4 75.1 112.7
 97 52.4 43.4 65.2
 132 30.6 24.5 36.7

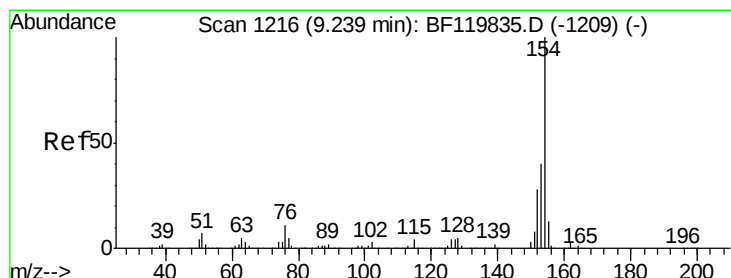
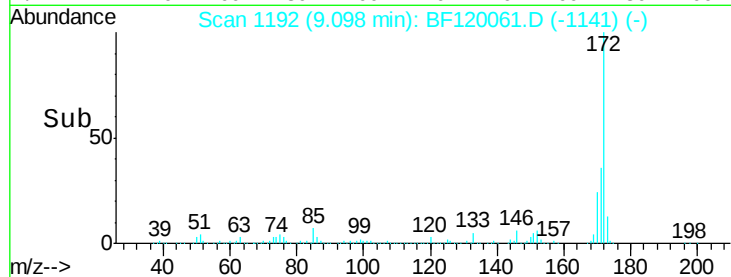
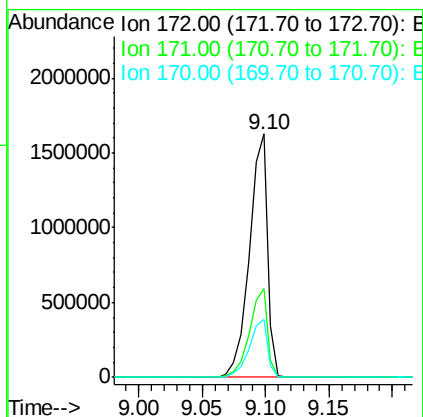
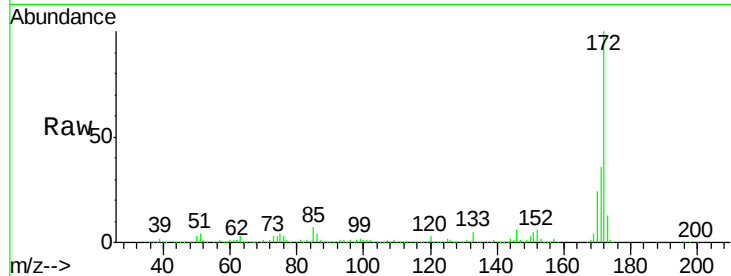




#45
2-Fluorobiphenyl
Concen: 67.741 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

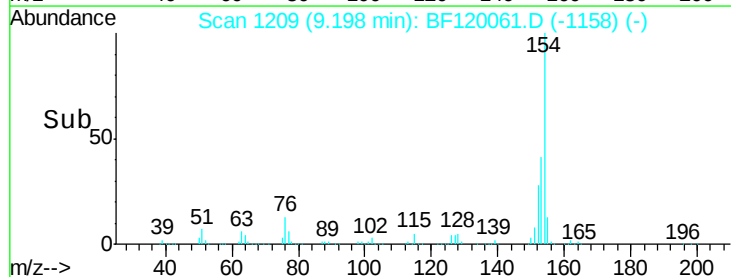
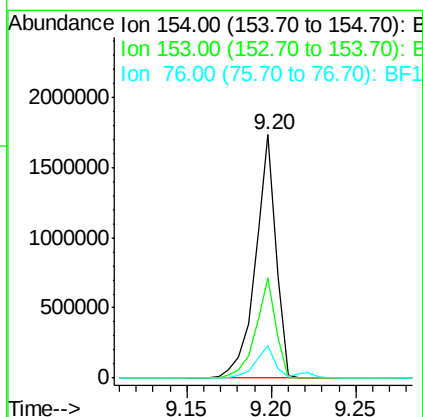
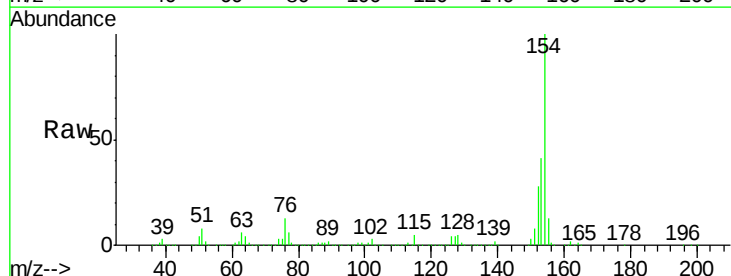
Instrument :
BNA_F
ClientSampleId :
BG-4MS

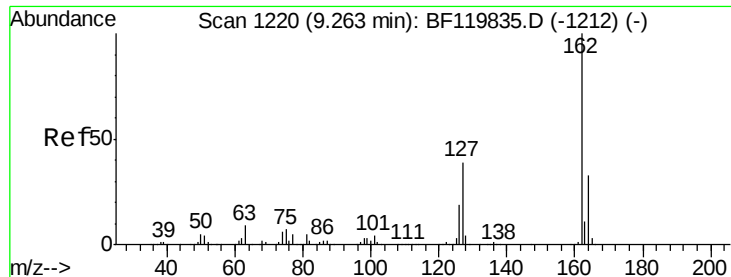
Tot Ion:172 Resp: 1624682
Ion Ratio Lower Upper
172 100
171 36.2 28.9 43.3
170 23.7 19.4 29.2



#46
1,1'-Biphenyl
Concen: 50.971 ng
RT: 9.20 min Scan# 1209
Delta R.T. 0.00 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Tgt Ion:154 Resp: 1464989
Ion Ratio Lower Upper
154 100
153 41.3 20.5 60.5
76 13.3 0.0 30.6

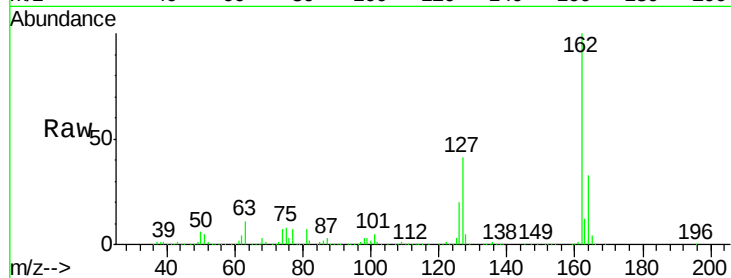




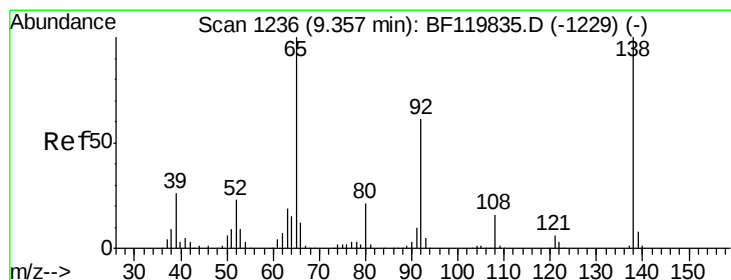
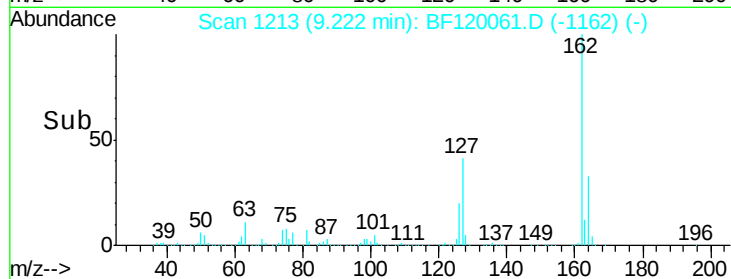
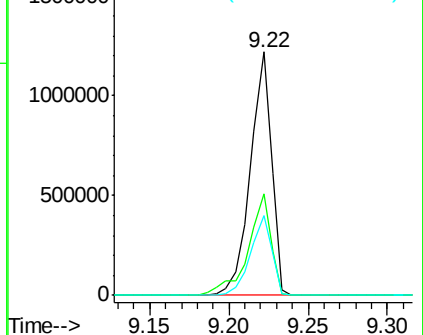
#47
 2-Chloronaphthalene
 Concen: 51.038 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF120061.D
 Acq: 17 Apr 2020 16:08

Instrument :
 BNA_F
 ClientSampleId :
 BG-4MS

Tot Ion:162 Resp: 1130036
 Ion Ratio Lower Upper
 162 100
 127 41.5 31.2 46.8
 164 32.9 26.3 39.5

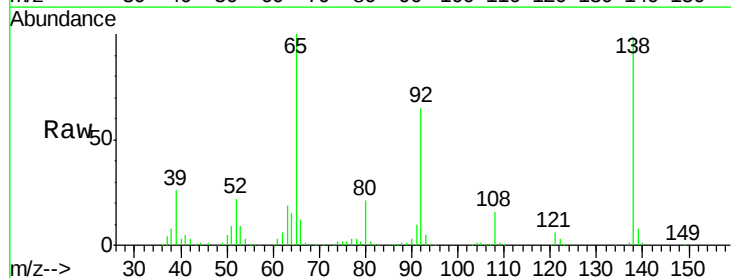


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

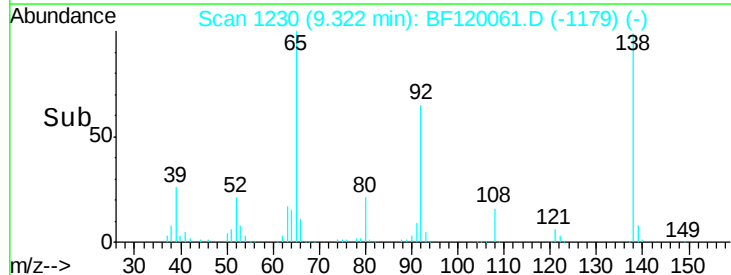
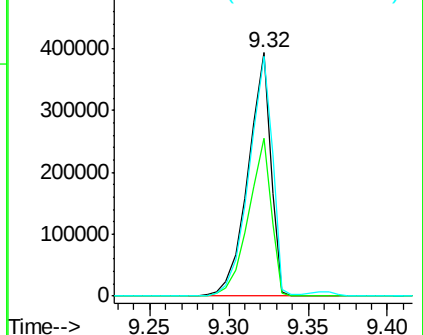


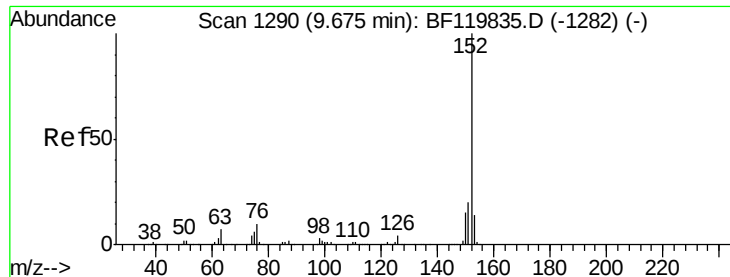
#48
 2-Nitroaniline
 Concen: 48.663 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: BF120061.D
 Acq: 17 Apr 2020 16:08

Tgt Ion: 65 Resp: 390448
 Ion Ratio Lower Upper
 65 100
 92 64.8 49.0 73.6
 138 98.5 79.7 119.5



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





#49

Acenaphthylene

Concen: 50.035 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

Instrument :

BNA_F

ClientSampleId :

BG-4MS

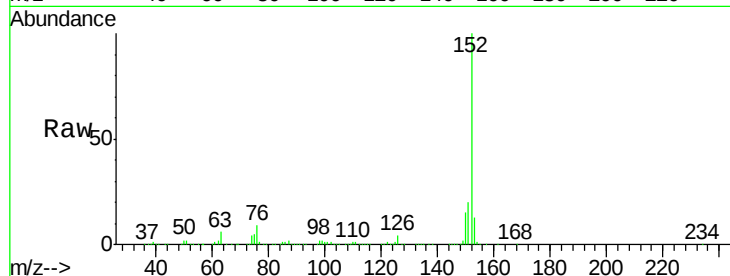
Tot Ion:152 Resp: 1684770

Ion Ratio Lower Upper

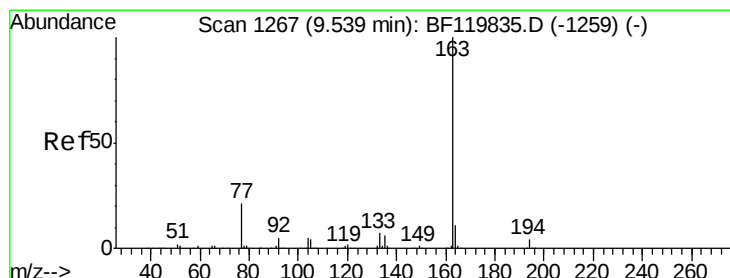
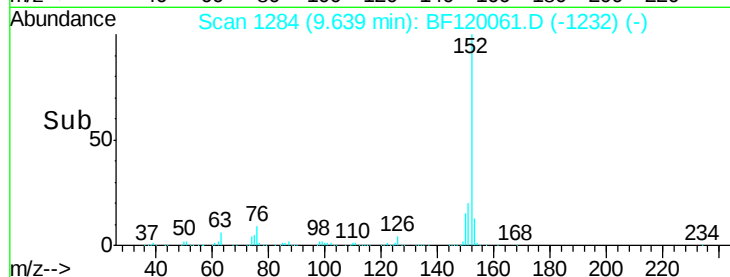
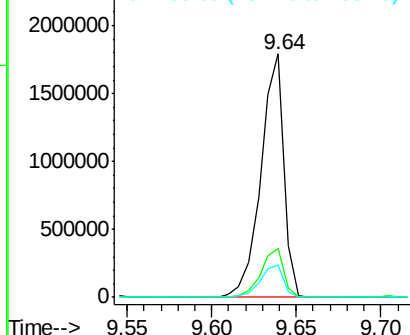
152 100

151 20.4 16.2 24.4

153 13.1 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 60.540 ng

RT: 9.51 min Scan# 1262

Delta R.T. 0.01 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

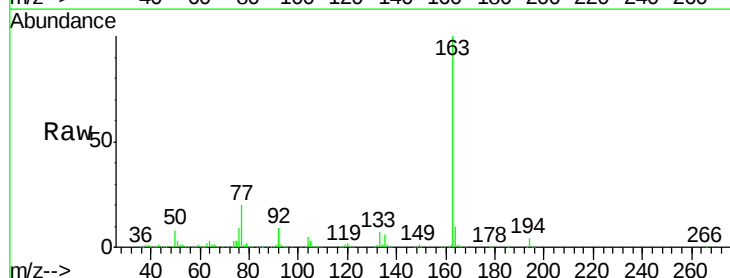
Tgt Ion:163 Resp: 1594534

Ion Ratio Lower Upper

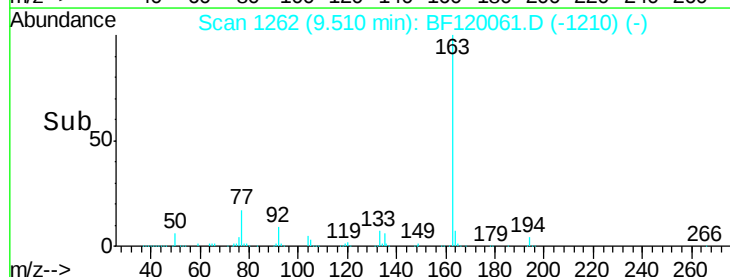
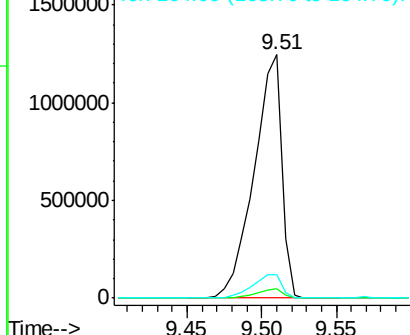
163 100

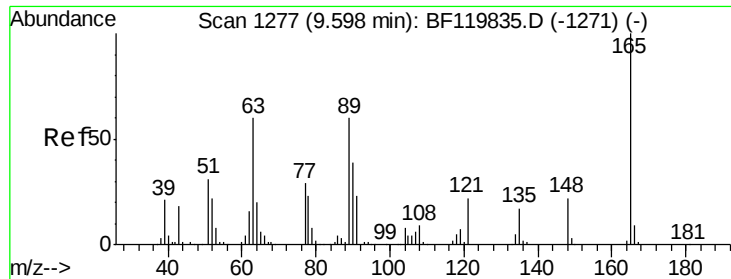
194 4.1 3.0 4.4

164 9.9 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: 49.258 ng

RT: 9.57 min Scan# 1272

Delta R.T. 0.00 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

Instrument :

BNA_F

ClientSampleId :

BG-4MS

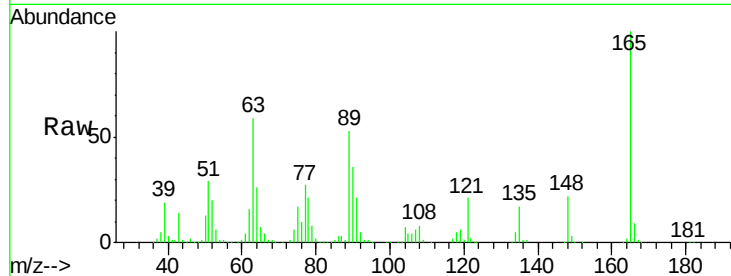
Tot Ion:165 Resp: 284104

Ion Ratio Lower Upper

165 100

63 58.8 55.6 83.4

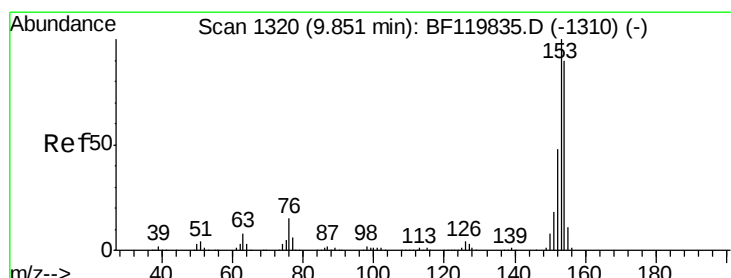
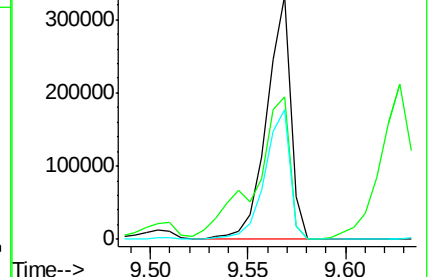
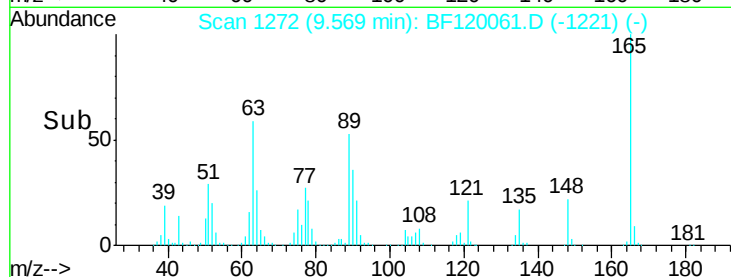
89 53.2 47.9 71.9



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: 44.745 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

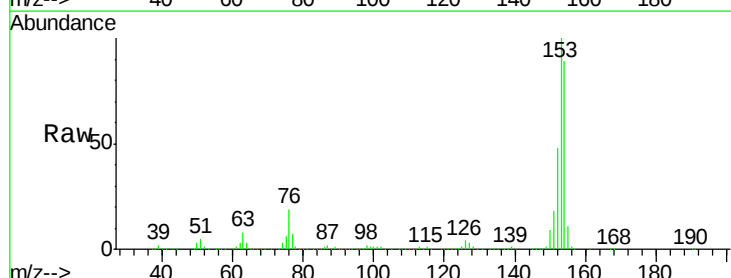
Tgt Ion:154 Resp: 1005040

Ion Ratio Lower Upper

154 100

153 112.7 88.8 133.2

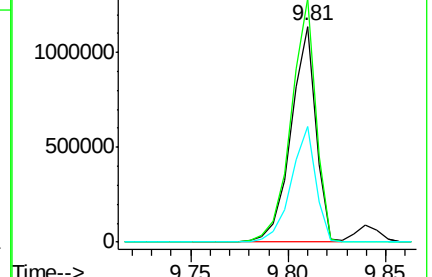
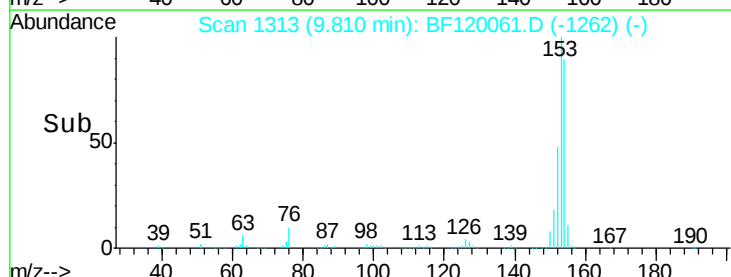
152 53.6 42.4 63.6

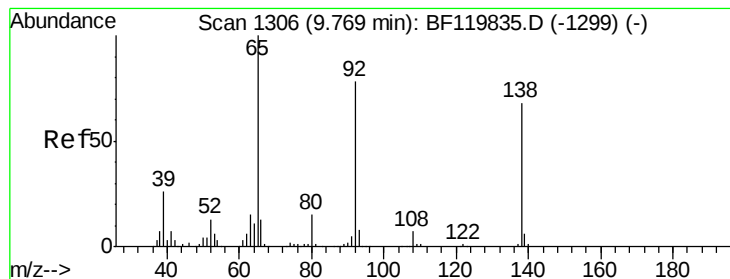


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 25.297 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

Instrument :

BNA_F

ClientSampleId :

BG-4MS

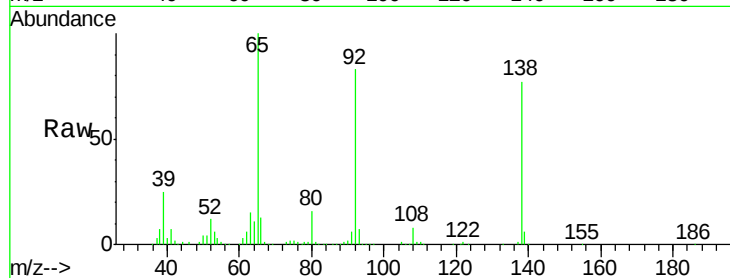
Tot Ion:138 Resp: 166638

Ion Ratio Lower Upper

138 100

108 10.0 8.0 12.0

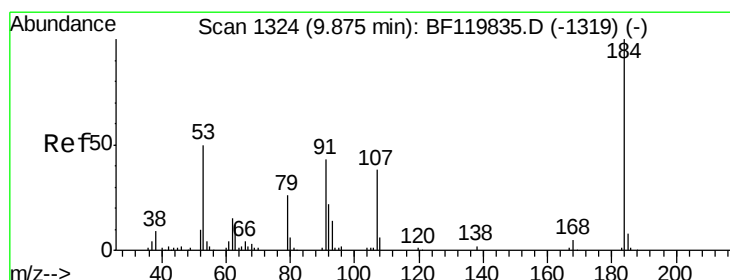
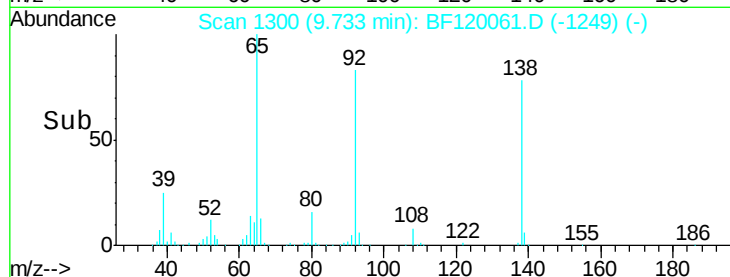
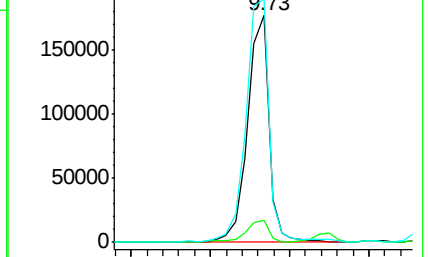
92 107.3 92.1 138.1



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: 42.165 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

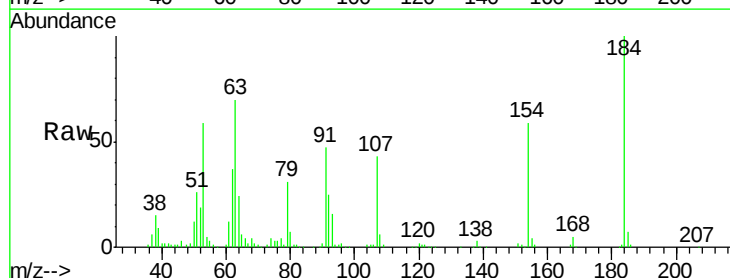
Tgt Ion:184 Resp: 145601

Ion Ratio Lower Upper

184 100

63 70.2 49.8 74.6

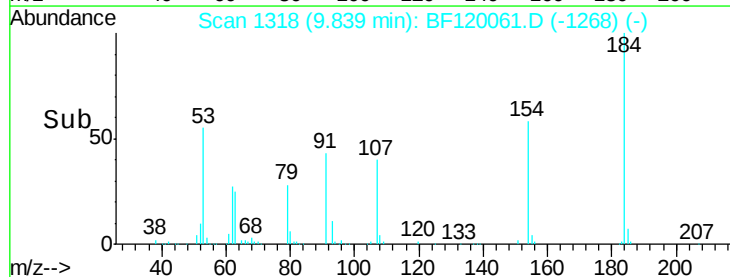
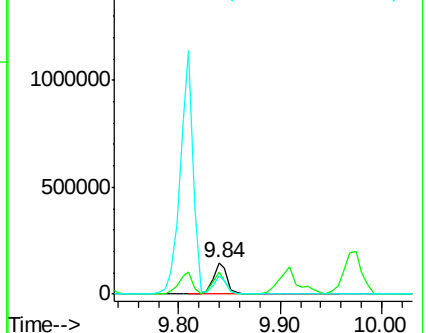
154 58.8 46.5 69.7

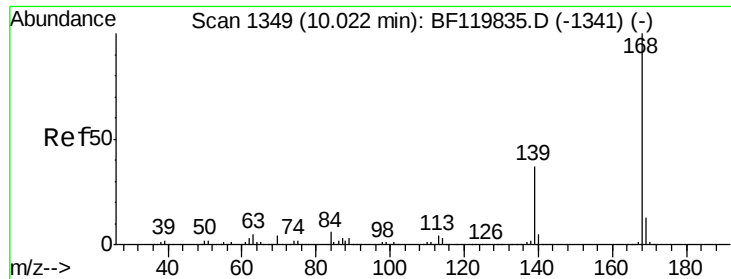


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

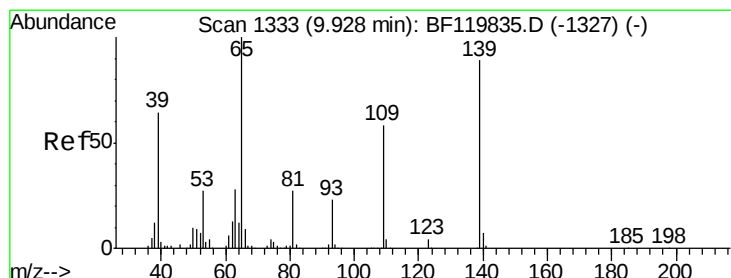
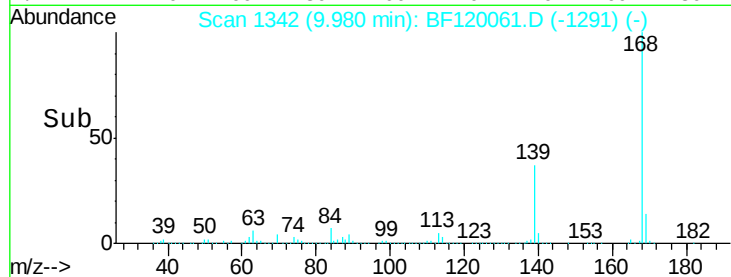
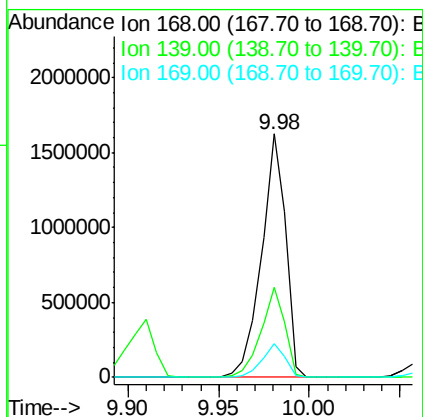
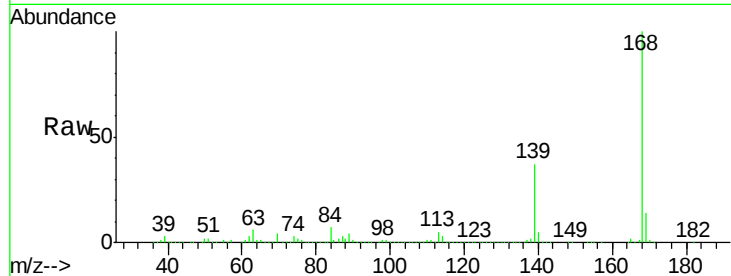




#55
Dibenzofuran
Concen: 48.737 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

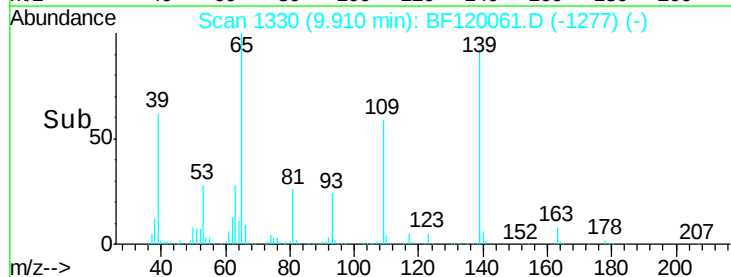
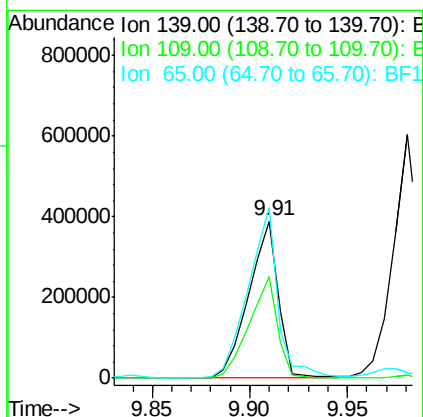
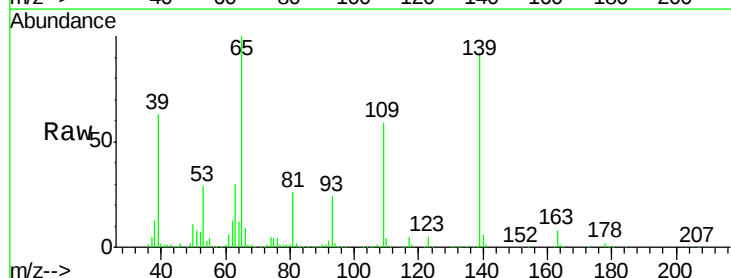
Instrument :
BNA_F
ClientSampleId :
BG-4MS

Tot Ion:168 Resp: 1502206
Ion Ratio Lower Upper
168 100
139 37.2 29.8 44.6
169 13.8 10.6 15.8



#56
4-Nitrophenol
Concen: 83.331 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Tgt Ion:139 Resp: 408426
Ion Ratio Lower Upper
139 100
109 64.4 45.5 85.5
65 109.2 92.3 132.3

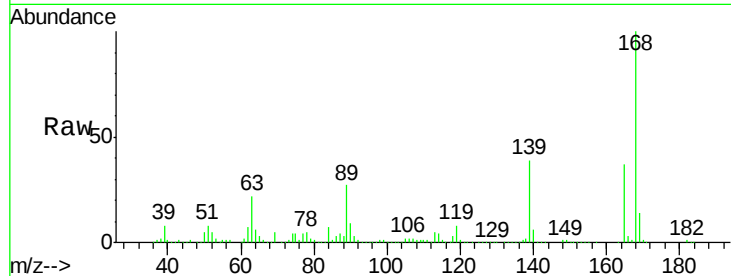




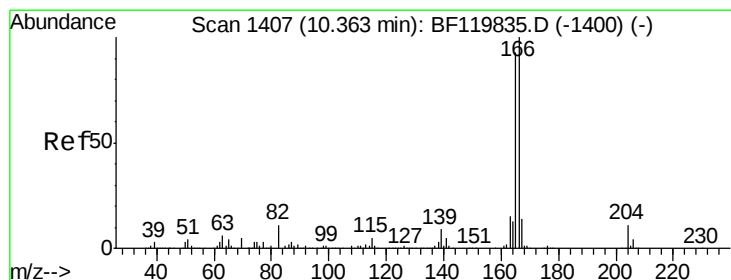
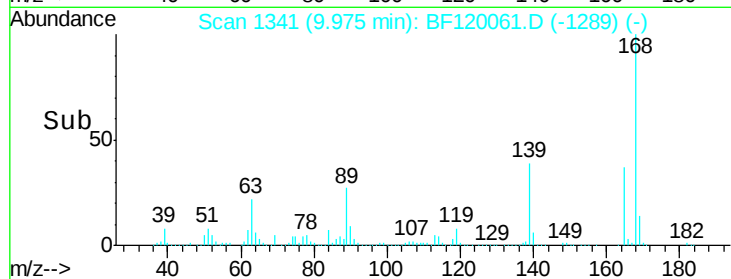
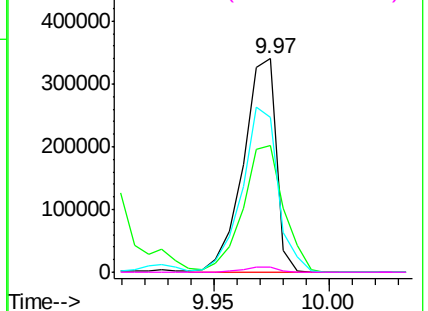
#57
2,4-Dinitrotoluene
Concen: 44.947 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Instrument :
BNA_F
ClientSampleId :
BG-4MS

Tot Ion:165	Resp:	341549
Ion Ratio	Lower	Upper
165	100	
63	59.1	40.8 61.2
89	72.7	56.9 85.3
182	2.6	2.0 3.0

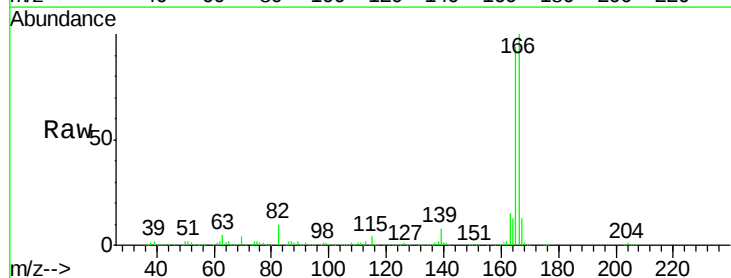


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

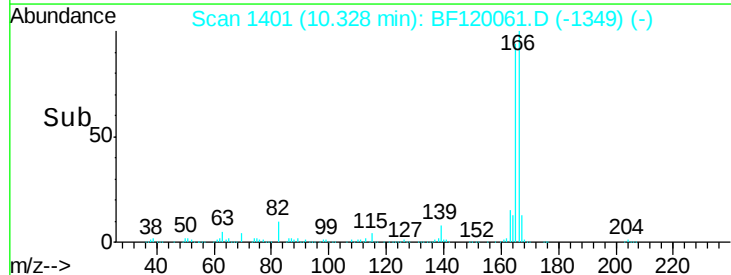
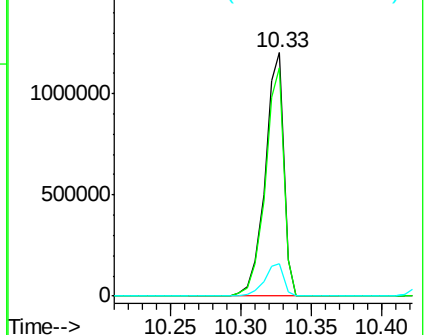


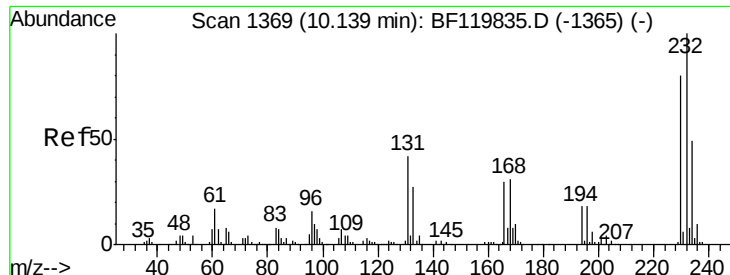
#58
Fluorene
Concen: 45.684 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Tgt Ion:166	Resp:	1126127
Ion Ratio	Lower	Upper
166	100	
165	93.5	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

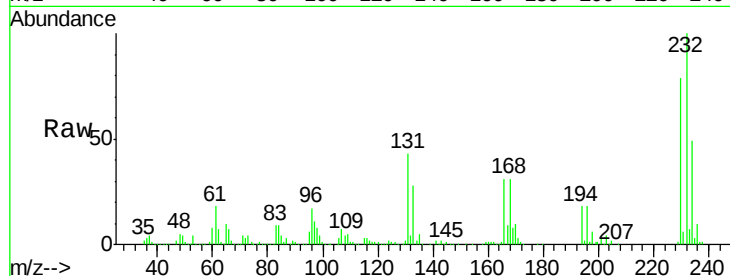




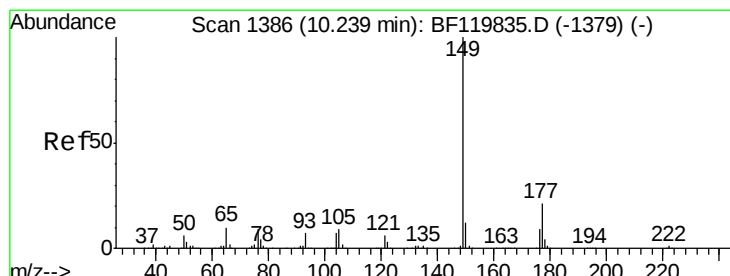
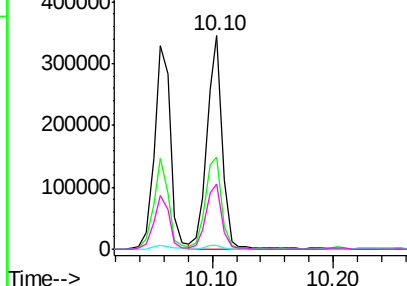
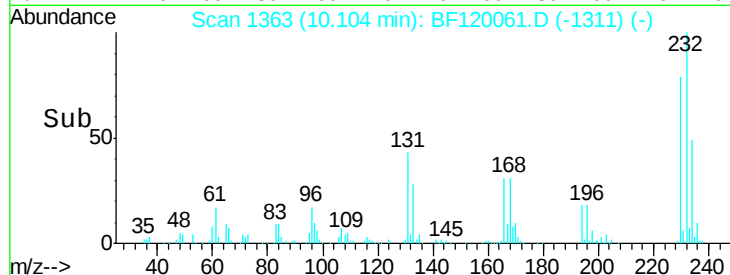
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.665 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: BF120061.D
 Acq: 17 Apr 2020 16:08

Instrument :
 BNA_F
 ClientSampled :
 BG-4MS

Tot Ion:	232	Resp:	298538
Ion	Ratio	Lower	Upper
232	100		
131	46.1	37.9	56.9
130	2.2	1.8	2.6
166	31.5	25.4	38.0

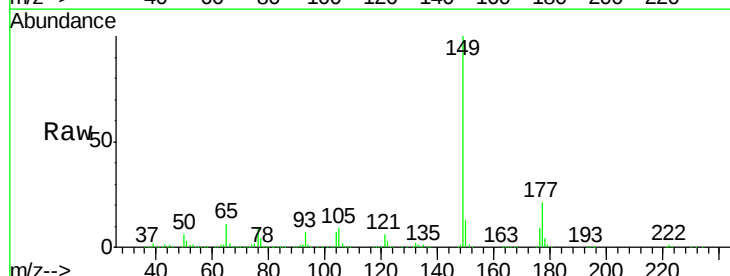


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

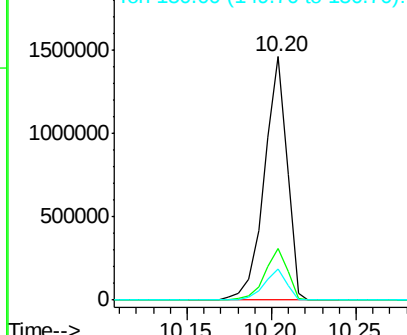
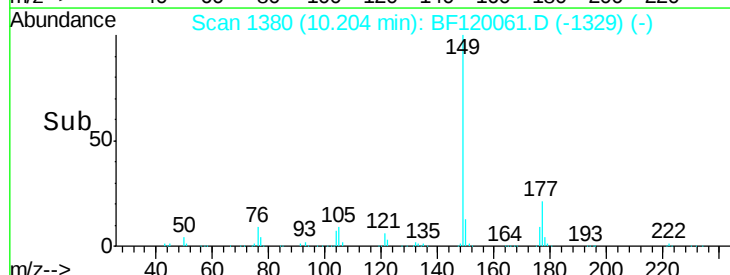


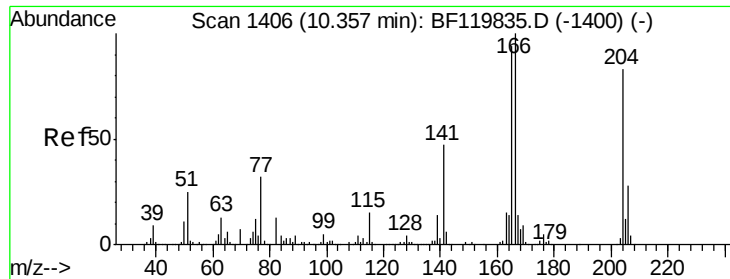
#60
 Diethylphthalate
 Concen: 49.624 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. 0.00 min
 Lab File: BF120061.D
 Acq: 17 Apr 2020 16:08

Tgt Ion:	149	Resp:	1354644
Ion	Ratio	Lower	Upper
149	100		
177	21.0	16.8	25.2
150	13.0	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

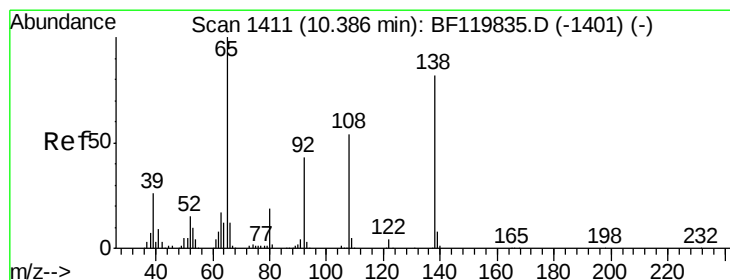
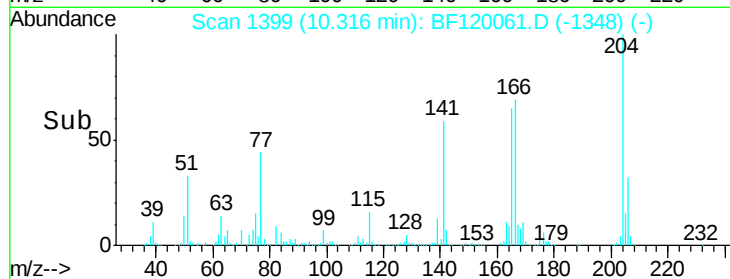
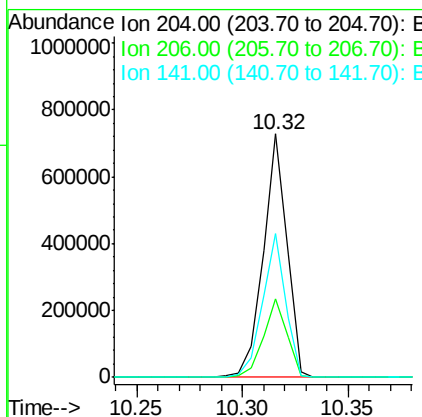
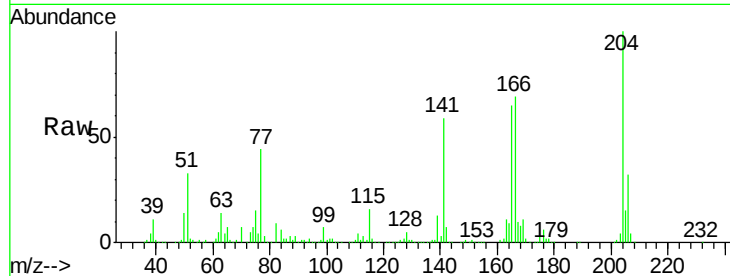




#61
 4-Chlorophenyl-phenylether
 Concen: 44.823 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.00 min
 Lab File: BF120061.D
 Acq: 17 Apr 2020 16:08

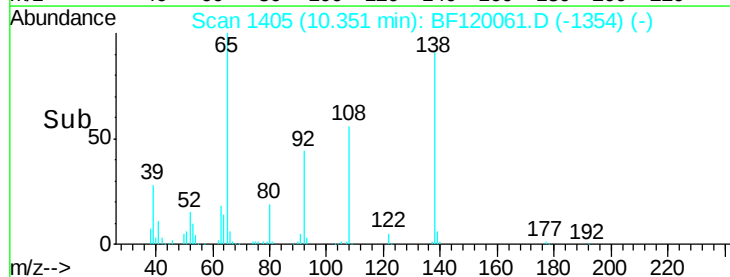
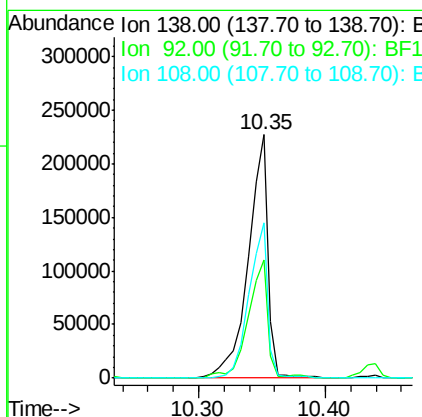
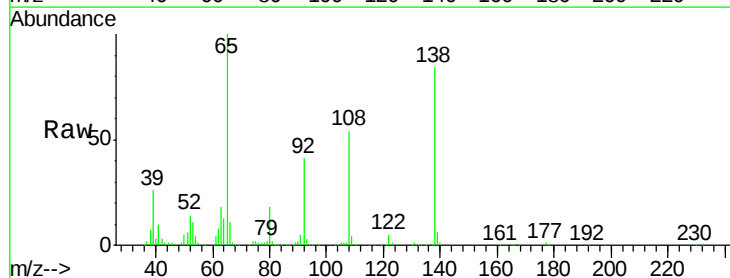
Instrument :
 BNA_F
 ClientSampled :
 BG-4MS

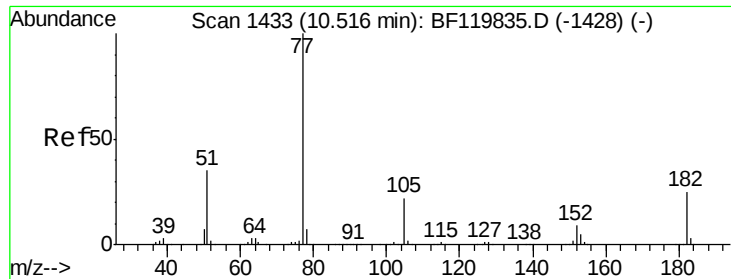
Tot Ion:	204	Resp:	566307
Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.7	40.1
141	58.8	45.8	68.8



#62
 4-Nitroaniline
 Concen: 39.266 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: BF120061.D
 Acq: 17 Apr 2020 16:08

Tgt Ion:	138	Resp:	246500
Ion	Ratio	Lower	Upper
138	100		
92	48.6	31.6	71.6
108	64.0	45.2	85.2

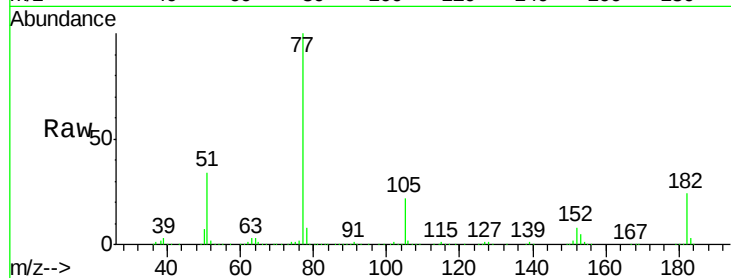




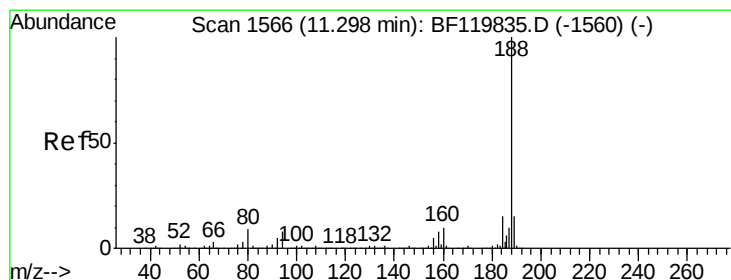
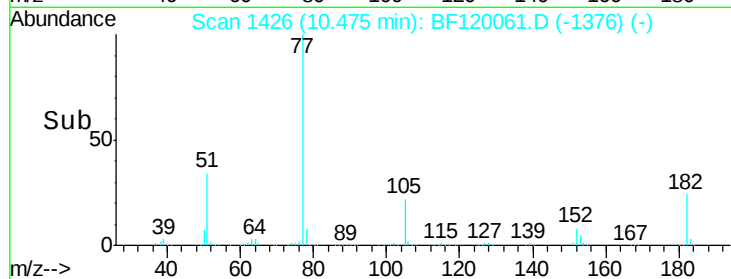
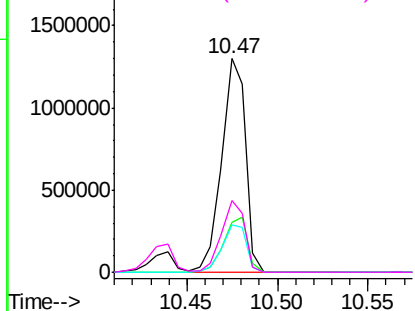
#63
Azobenzene
Concen: 48.567 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Instrument :
BNA_F
ClientSampleId :
BG-4MS

Tot Ion: 77 Resp: 1188139
Ion Ratio Lower Upper
77 100
182 23.7 4.5 44.5
105 22.1 2.2 42.2
51 33.8 15.1 55.1

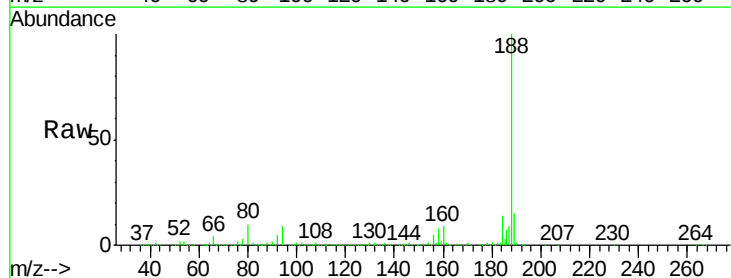


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

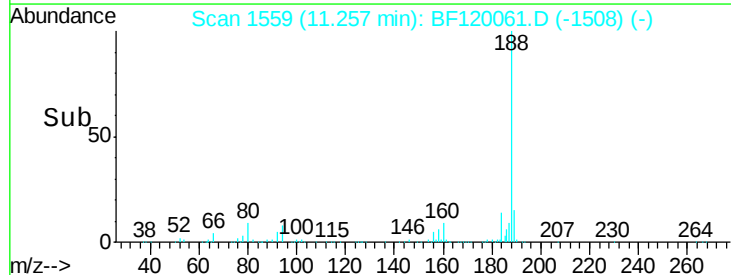
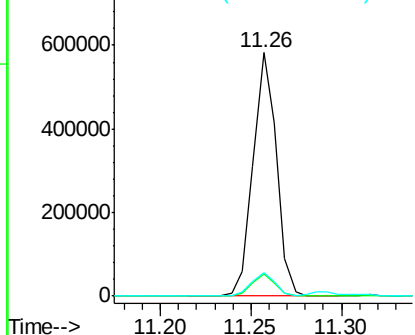


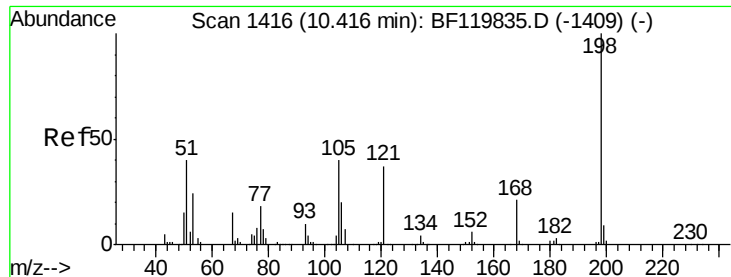
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Tgt Ion: 188 Resp: 522964
Ion Ratio Lower Upper
188 100
94 9.1 6.7 10.1
80 9.6 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

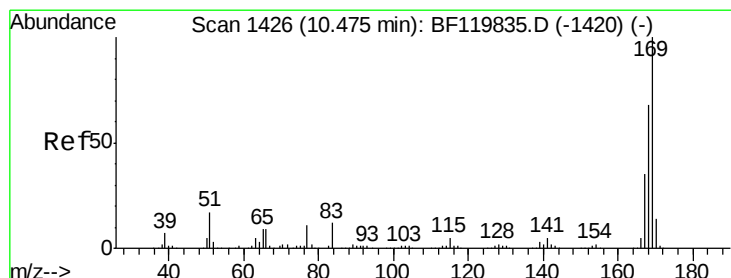
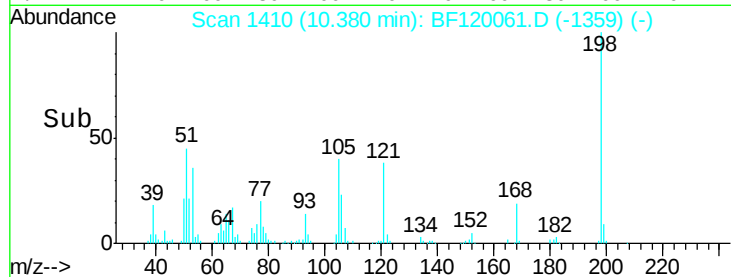
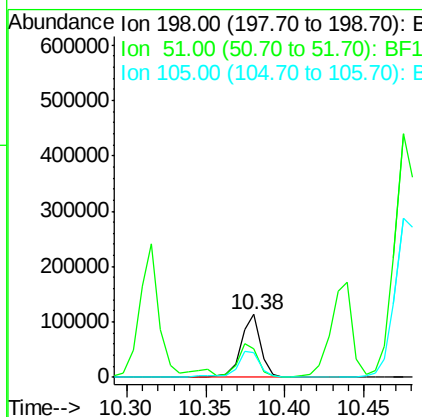
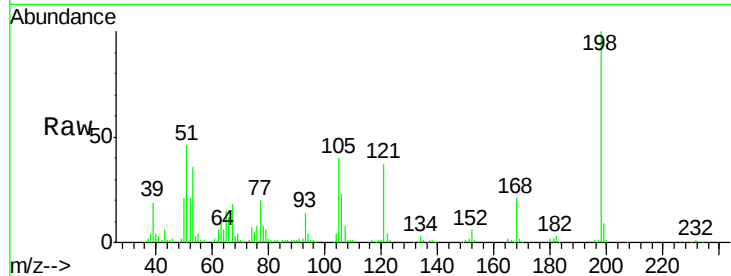




#65
4,6-Dinitro-2-methylphenol
Concen: 27.950 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

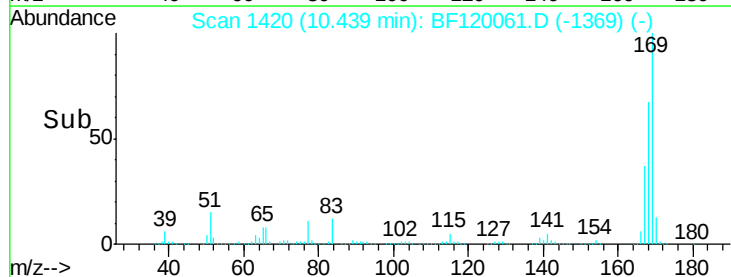
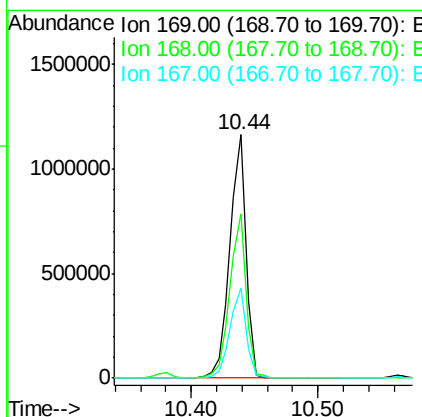
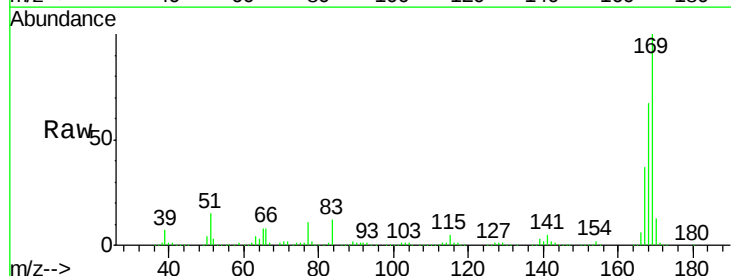
Instrument :
BNA_F
ClientSampled :
BG-4MS

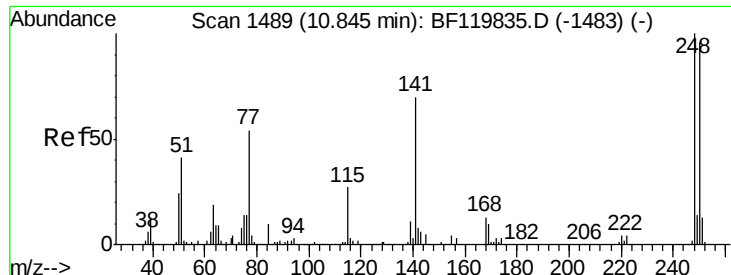
Tot Ion:198 Resp: 96297
Ion Ratio Lower Upper
198 100
51 45.6 25.2 65.2
105 39.7 20.8 60.8



#66
n-Nitrosodiphenylamine
Concen: 58.939 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Tgt Ion:169 Resp: 1025088
Ion Ratio Lower Upper
169 100
168 67.4 54.2 81.4
167 36.7 28.3 42.5

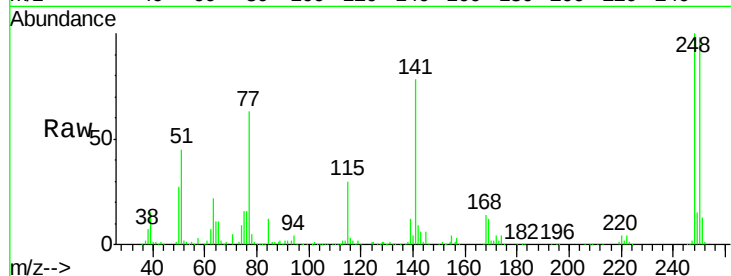




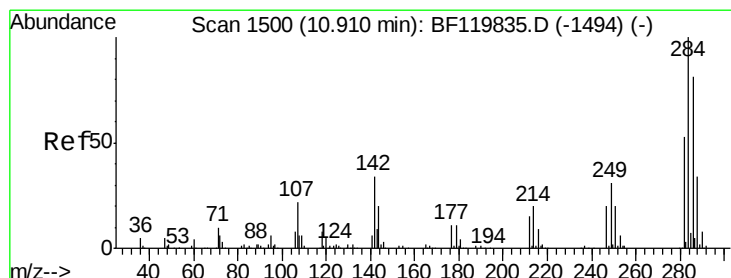
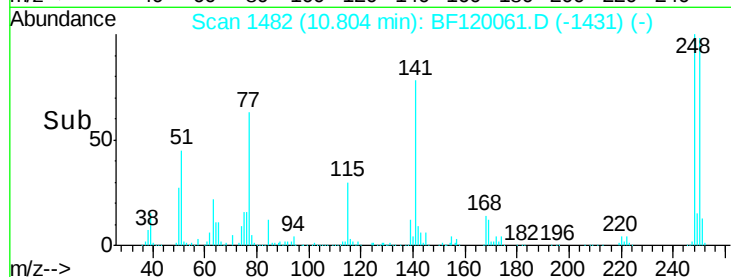
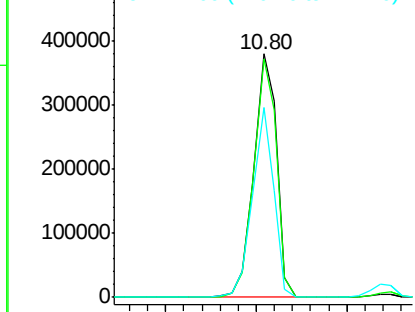
#67
4-Bromophenyl-phenylether
Concen: 51.509 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.00 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Instrument :
BNA_F
ClientSampled :
BG-4MS

Tot Ion:248 Resp: 334993
Ion Ratio Lower Upper
248 100
250 98.1 76.6 114.8
141 78.0 55.9 83.9

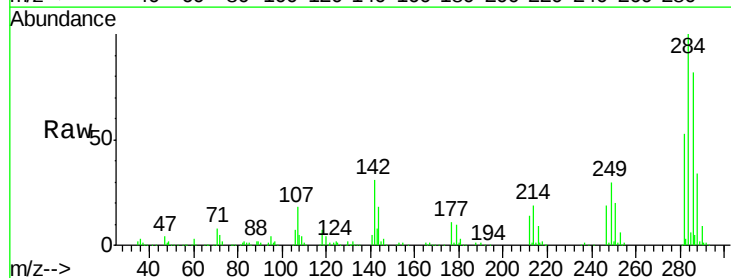


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

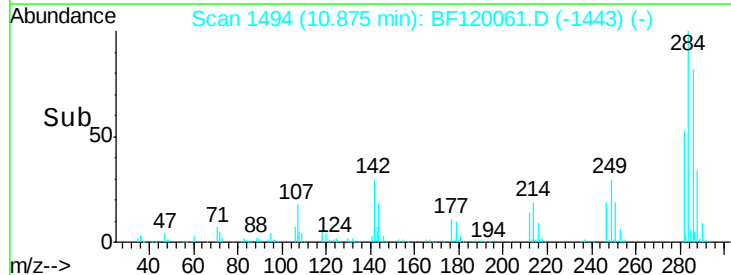
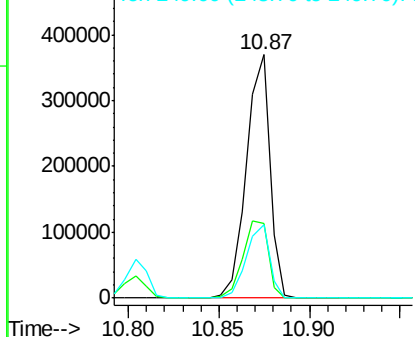


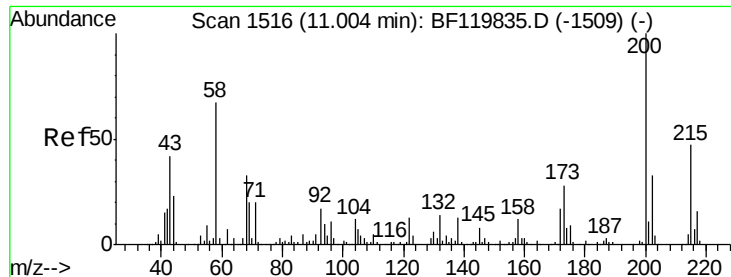
#68
Hexachlorobenzene
Concen: 50.587 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.00 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Tgt Ion:284 Resp: 333753
Ion Ratio Lower Upper
284 100
142 30.6 26.9 40.3
249 30.3 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

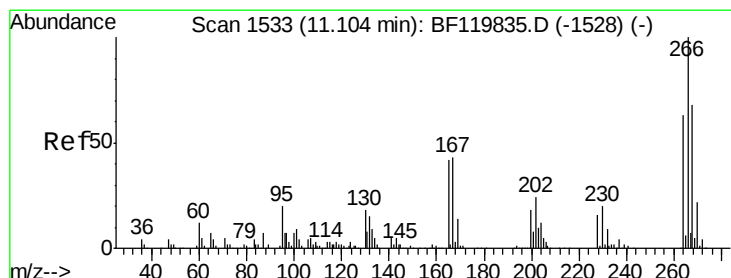
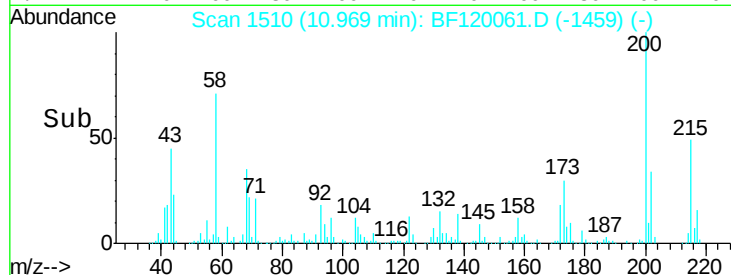
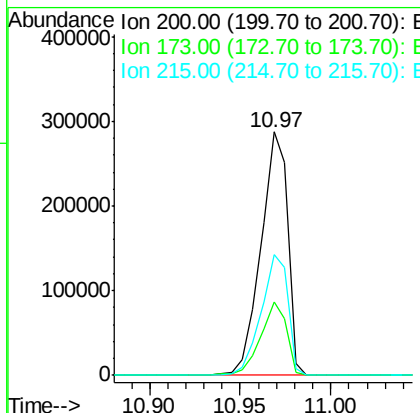
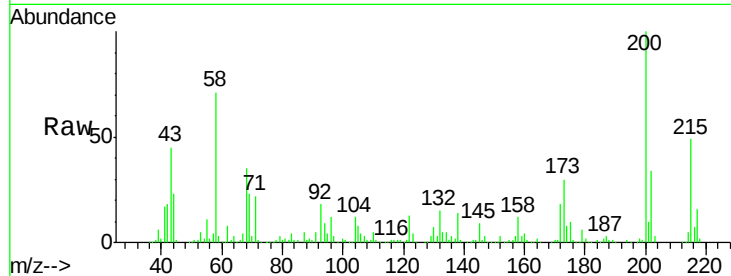




#69
Atrazine
Concen: 60.983 ng
RT: 10.97 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

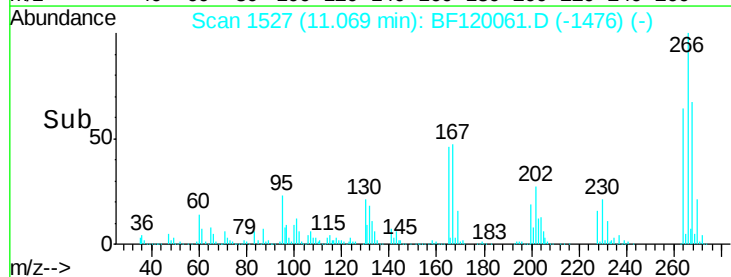
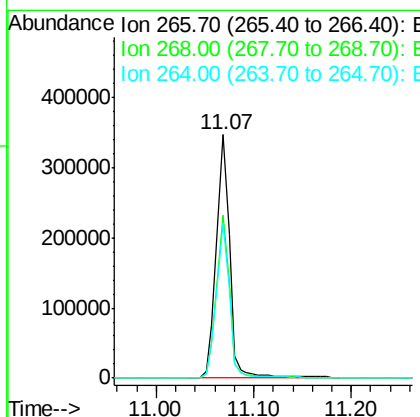
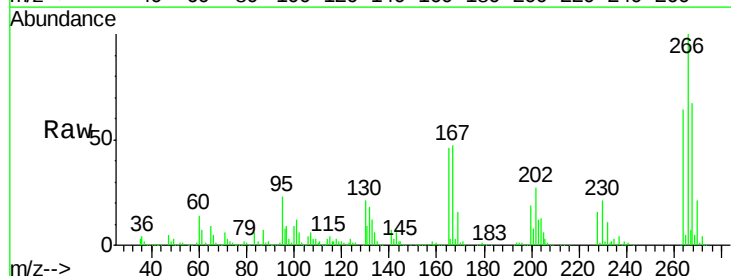
Instrument :
BNA_F
ClientSampleId :
BG-4MS

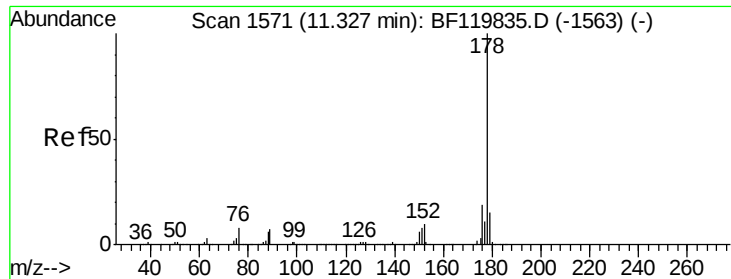
Tot Ion	Ratio	Lower	Upper
200	100		
173	29.9	8.0	48.0
215	49.4	27.1	67.1



#70
Pentachlorophenol
Concen: 88.724 ng
RT: 11.07 min Scan# 1527
Delta R.T. 0.00 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.9	54.2	81.4
264	64.0	50.6	76.0





#71

Phenanthrene

Concen: 50.225 ng

RT: 11.29 min Scan# 1564

Delta R.T. 0.00 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

Instrument :

BNA_F

ClientSampleId :

BG-4MS

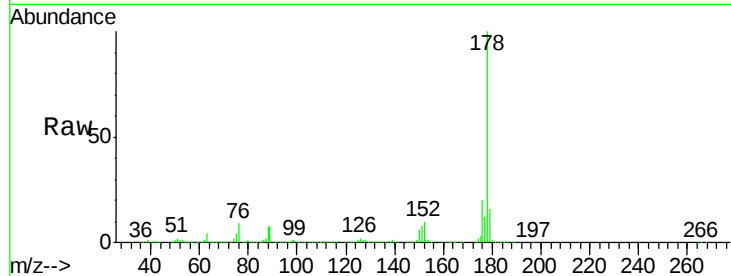
Tot Ion:178 Resp: 1397898

Ion Ratio Lower Upper

178 100

176 19.5 15.1 22.7

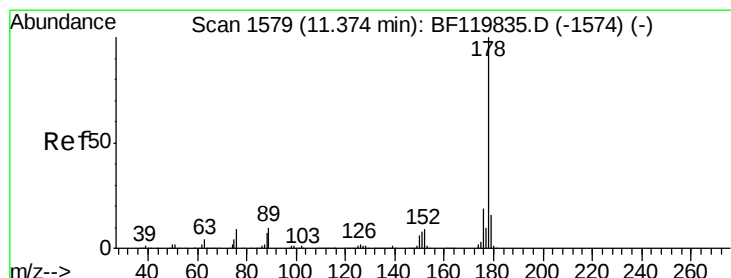
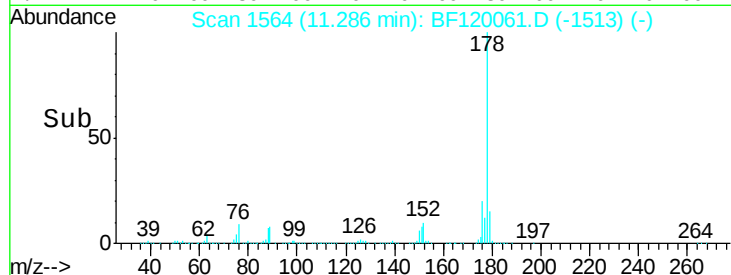
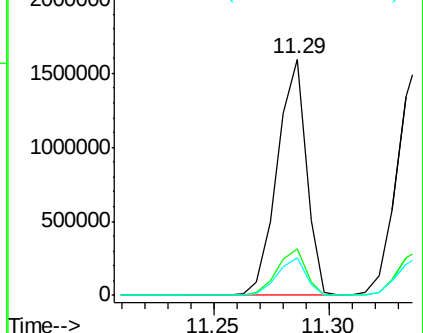
179 15.6 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 50.768 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

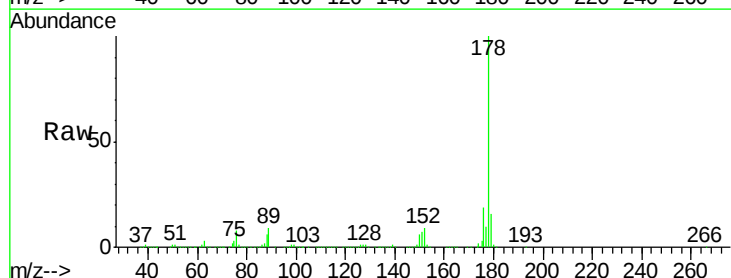
Tgt Ion:178 Resp: 1443482

Ion Ratio Lower Upper

178 100

176 18.6 15.4 23.2

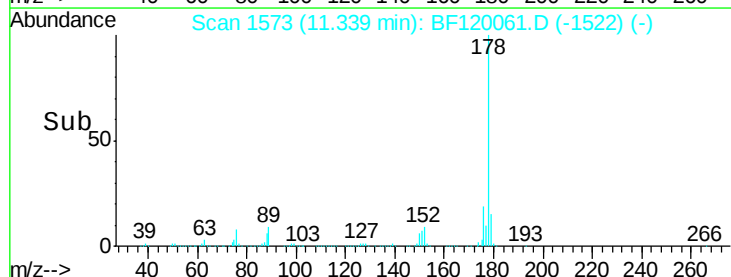
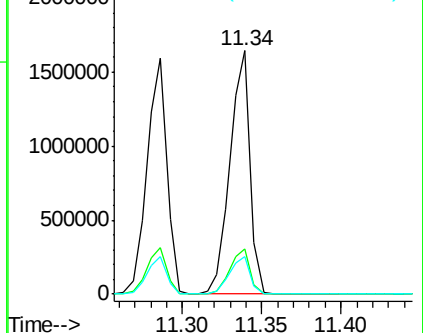
179 15.5 12.8 19.2

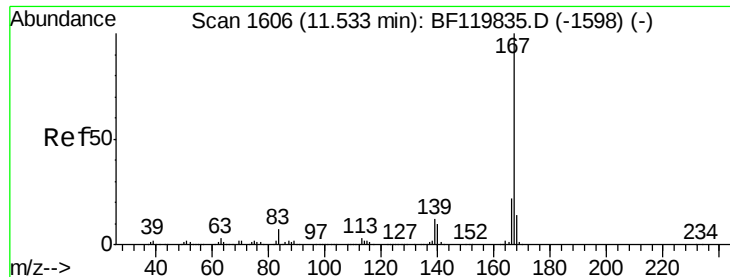


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

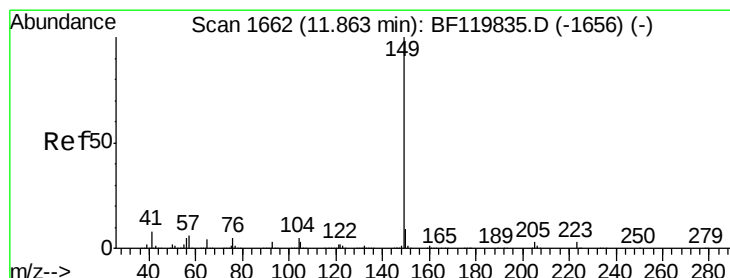
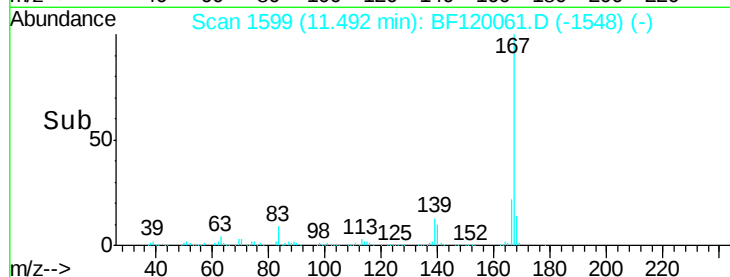
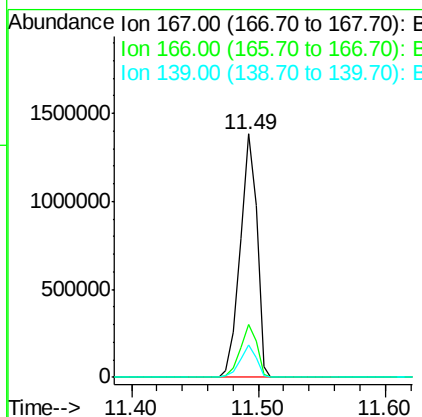
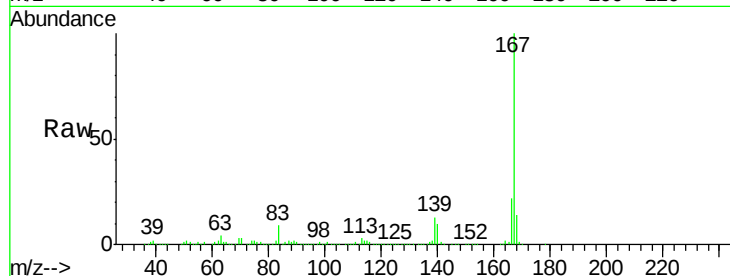




#73
 Carbazole
 Concen: 46.469 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.00 min
 Lab File: BF120061.D
 Acq: 17 Apr 2020 16:08

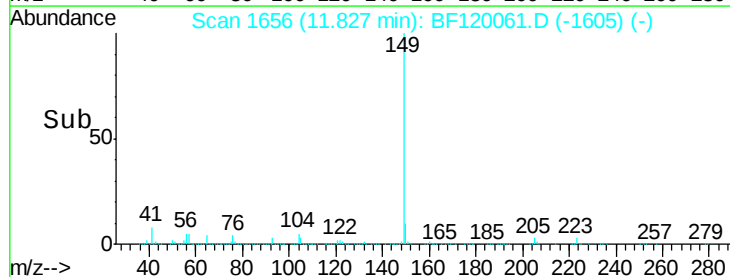
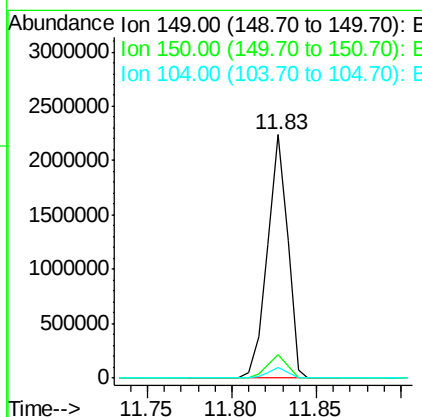
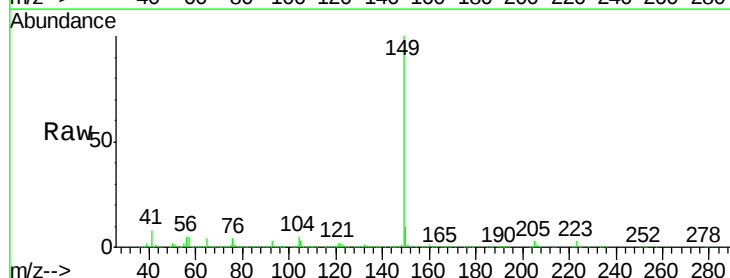
Instrument :
 BNA_F
 ClientSampleId :
 BG-4MS

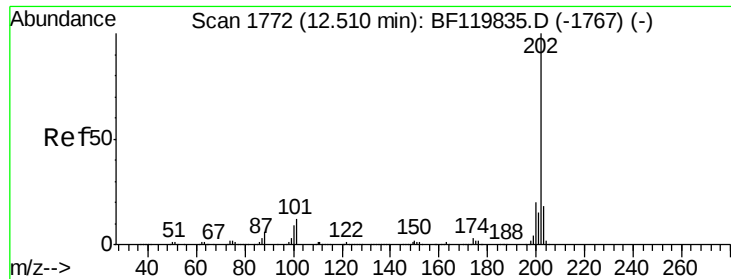
Tot Ion:167 Resp: 1249446
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.0
 139 13.4 9.8 14.8



#74
 Di-n-butylphthalate
 Concen: 52.487 ng
 RT: 11.83 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: BF120061.D
 Acq: 17 Apr 2020 16:08

Tgt Ion:149 Resp: 1855272
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.6 11.4
 104 4.6 3.8 5.6





#75

Fluoranthene

Concen: 42.868 ng

RT: 12.47 min Scan# 1766

Delta R.T. 0.00 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

Instrument :

BNA_F

ClientSampleId :

BG-4MS

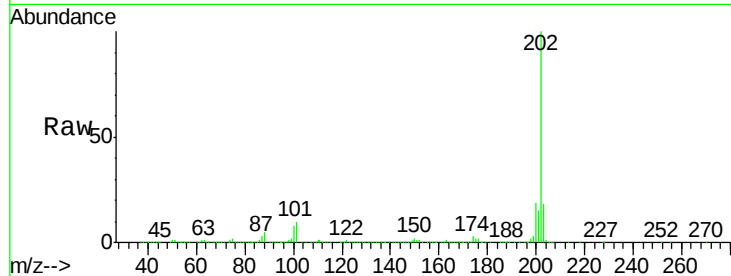
Tot Ion:202 Resp: 1287362

Ion Ratio Lower Upper

202 100

101 10.2 0.0 32.3

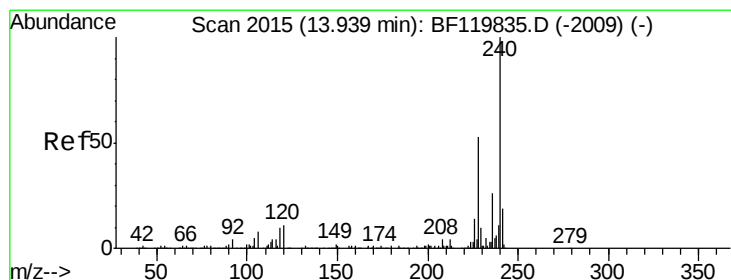
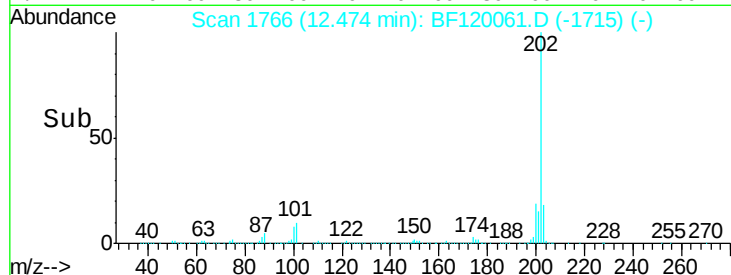
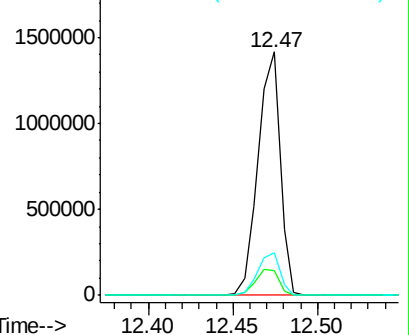
203 17.7 0.0 37.6



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: 13.90 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

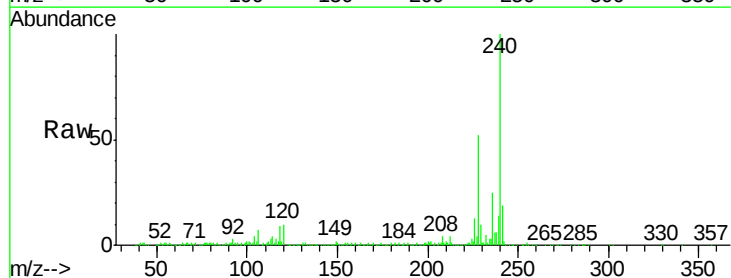
Tgt Ion:240 Resp: 308156

Ion Ratio Lower Upper

240 100

120 10.3 9.0 13.6

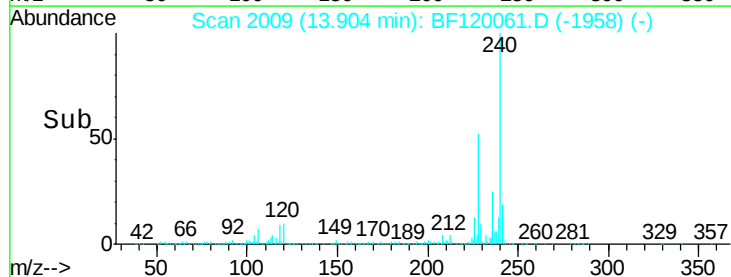
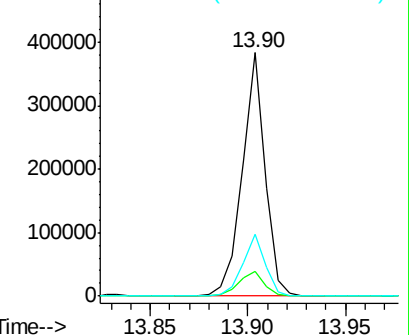
236 25.4 20.7 31.1

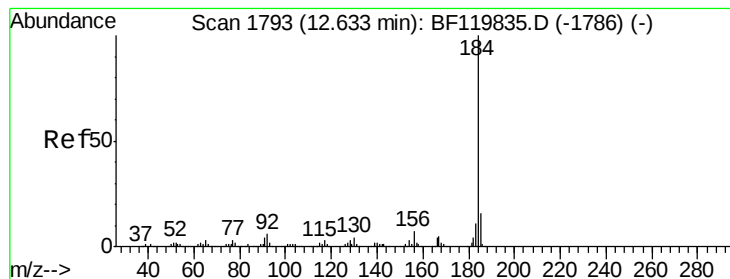


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.033 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.01 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

Instrument :

BNA_F

ClientSampleId :

BG-4MS

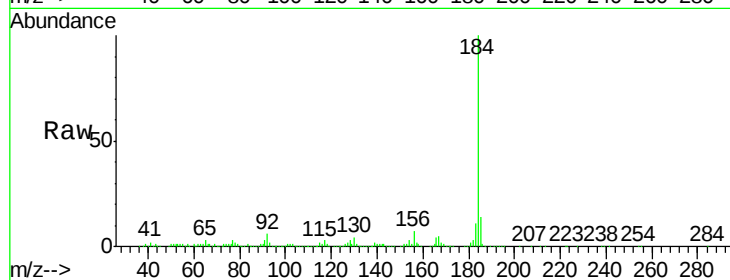
Tot Ion:184 Resp: 385761

Ion Ratio Lower Upper

184 100

185 14.4 13.2 19.8

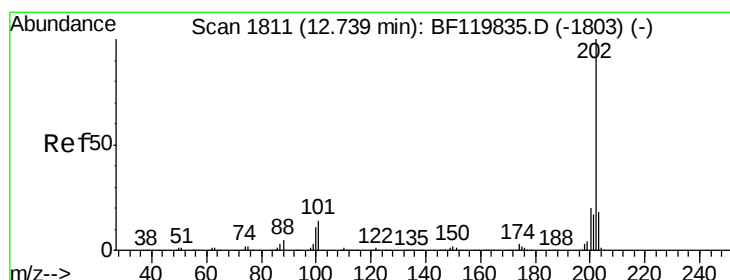
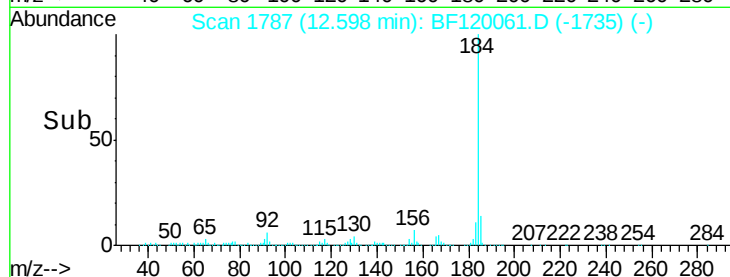
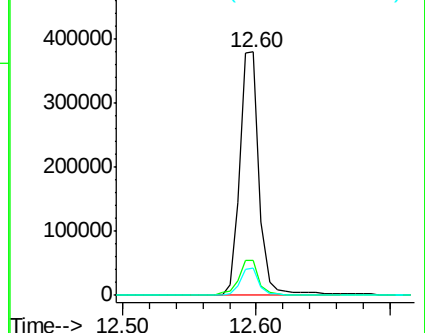
183 11.3 9.1 13.7



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: 48.597 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

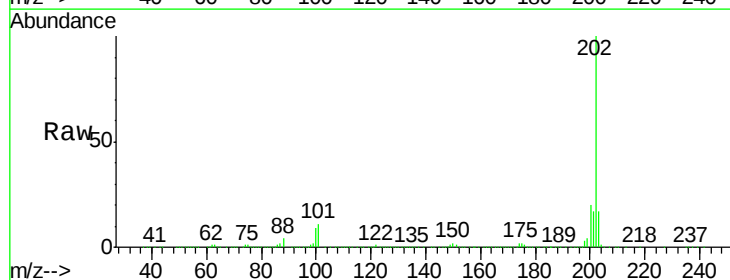
Tgt Ion:202 Resp: 1262456

Ion Ratio Lower Upper

202 100

200 20.0 16.2 24.2

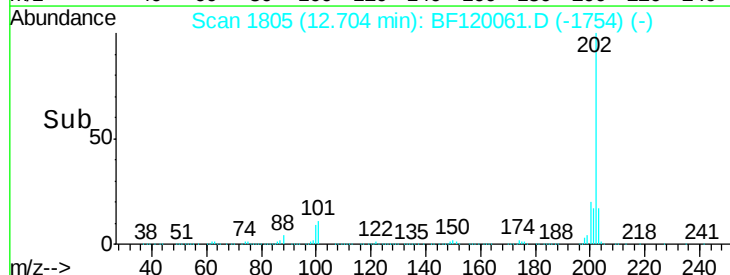
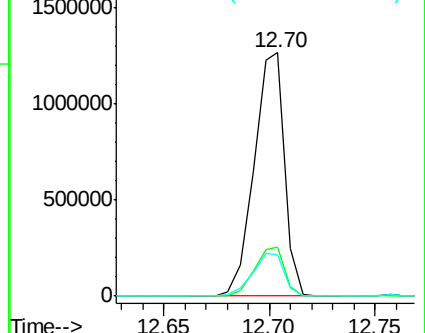
203 17.2 14.1 21.1

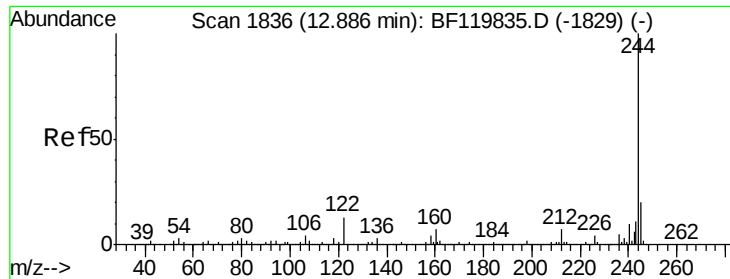


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 64.495 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

Instrument :

BNA_F

ClientSampleId :

BG-4MS

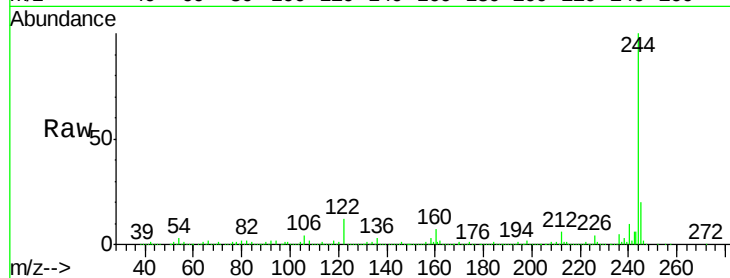
Tot Ion:244 Resp: 1181143

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

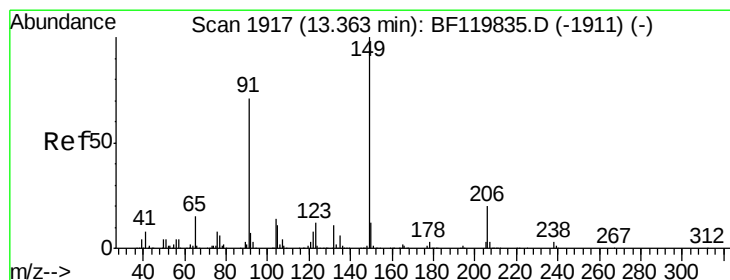
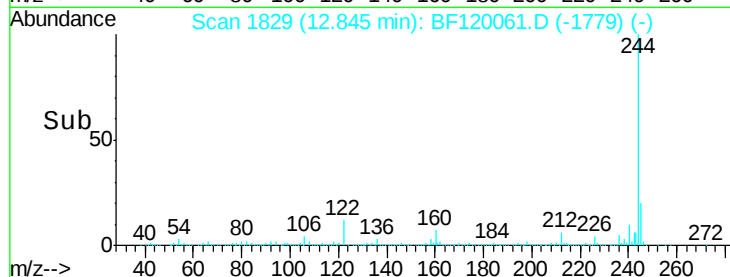
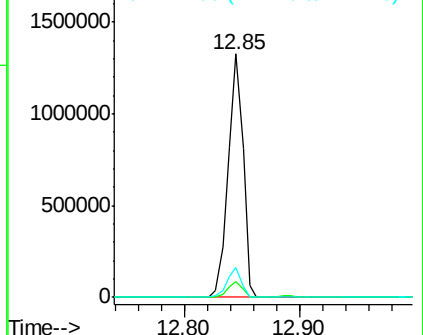
122 12.3 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.398 ng

RT: 13.33 min Scan# 1911

Delta R.T. 0.00 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

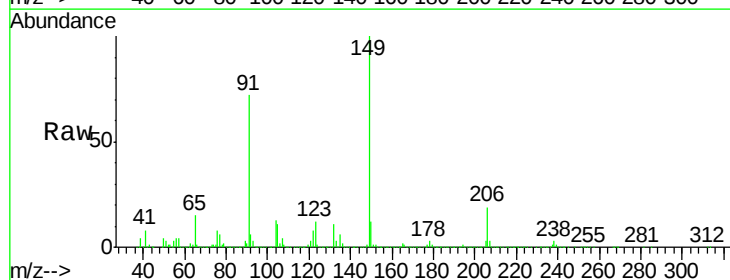
Tgt Ion:149 Resp: 610080

Ion Ratio Lower Upper

149 100

91 72.2 56.7 85.1

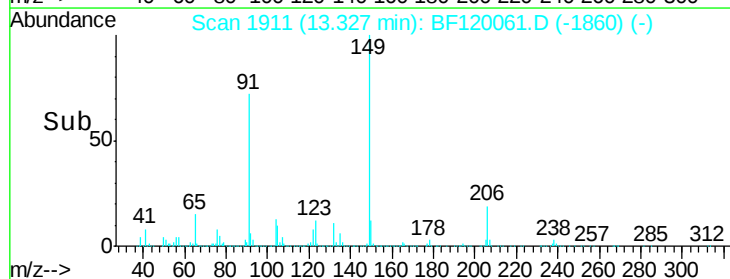
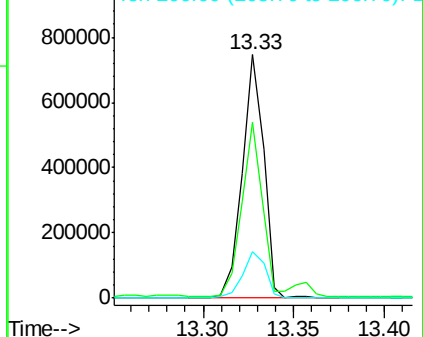
206 19.3 15.7 23.5

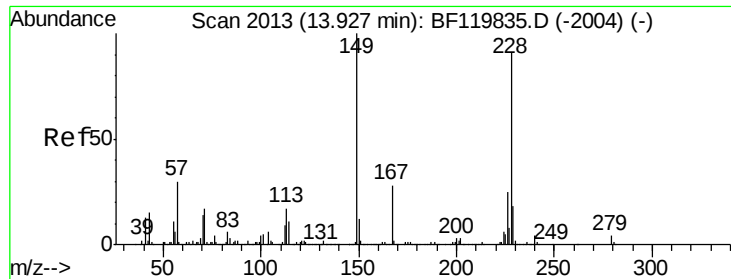


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 50.259 ng

RT: 13.89 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

Instrument :

BNA_F

ClientSampleId :

BG-4MS

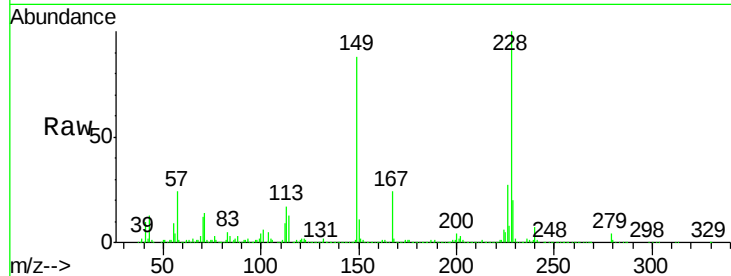
Tot Ion:228 Resp: 1018879

Ion Ratio Lower Upper

228 100

226 27.2 21.9 32.9

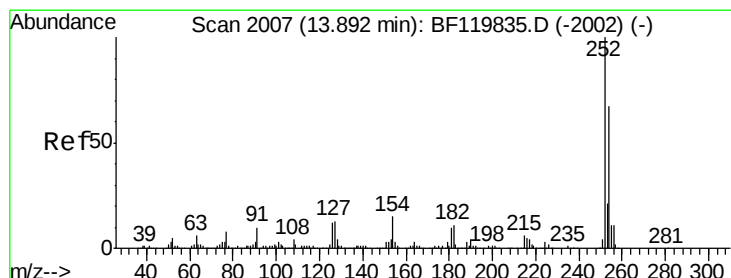
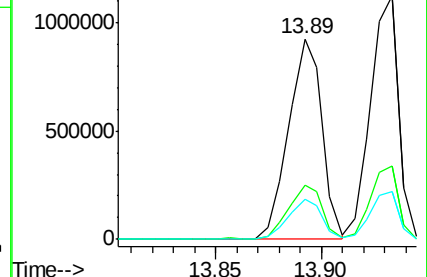
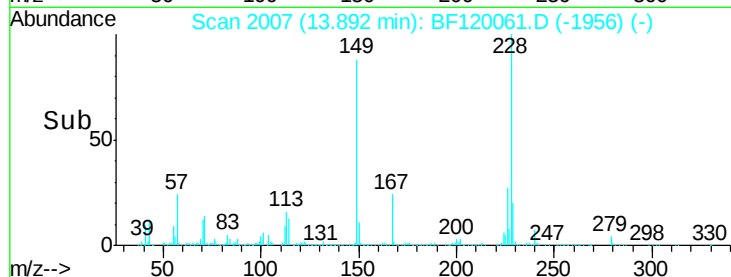
229 19.9 15.9 23.9



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



#82

3,3'-Dichlorobenzidine

Concen: 32.685 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

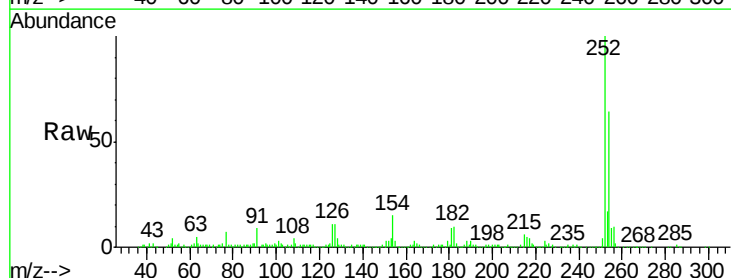
Tgt Ion:252 Resp: 247236

Ion Ratio Lower Upper

252 100

254 63.5 53.9 80.9

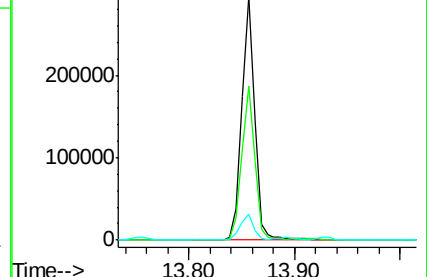
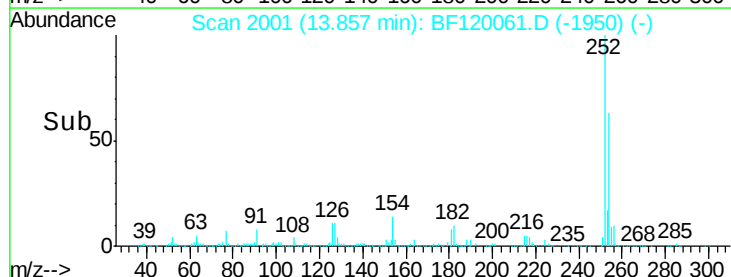
126 10.9 9.7 14.5

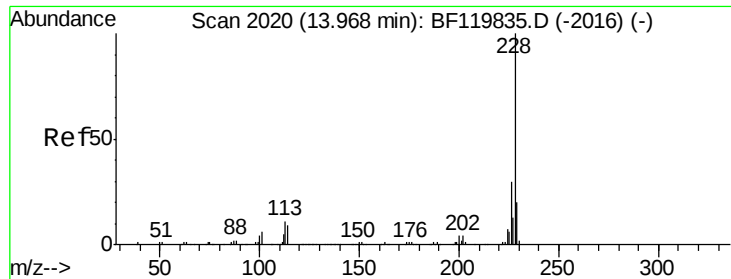


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 50.377 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

Instrument :

BNA_F

ClientSampleId :

BG-4MS

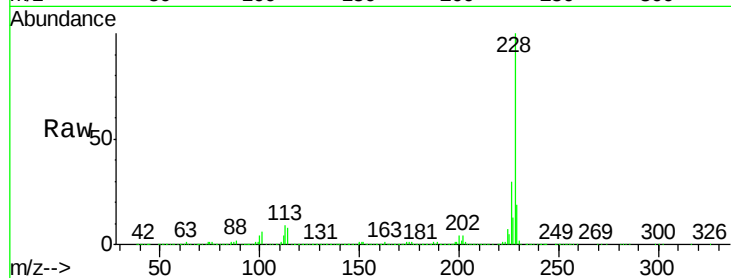
Tot Ion:228 Resp: 1037706

Ion Ratio Lower Upper

228 100

226 30.1 24.2 36.2

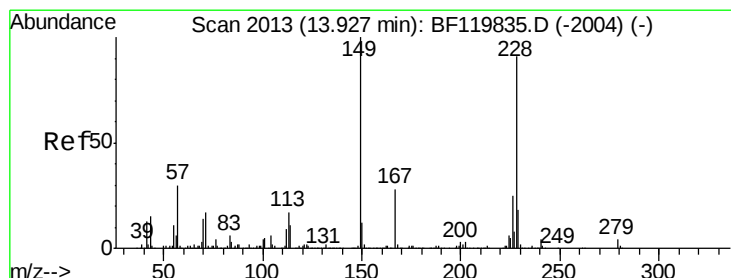
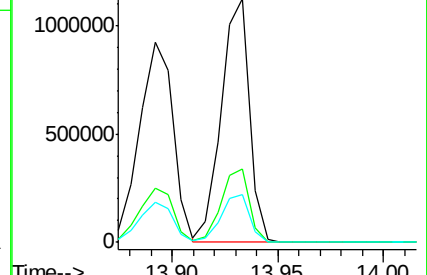
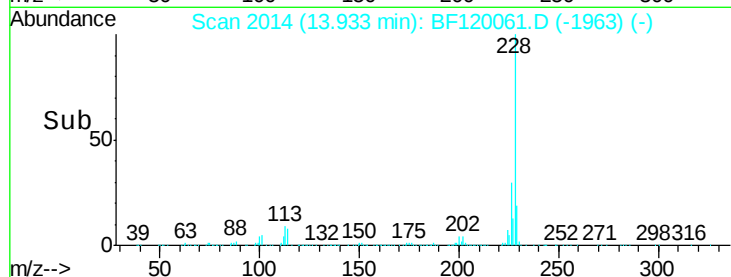
229 19.5 15.9 23.9



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: 48.985 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

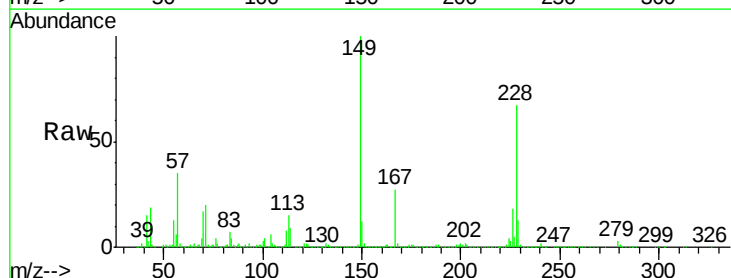
Tgt Ion:149 Resp: 836188

Ion Ratio Lower Upper

149 100

167 27.0 22.2 33.2

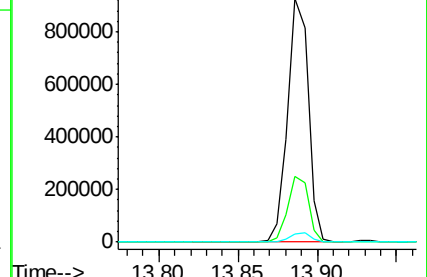
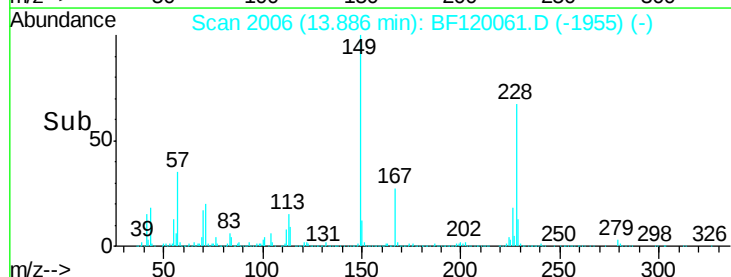
279 3.3 3.4 5.0#



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: 49.976 ng

RT: 14.50 min Scan# 2110

Delta R.T. 0.00 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

Instrument :

BNA_F

ClientSampleId :

BG-4MS

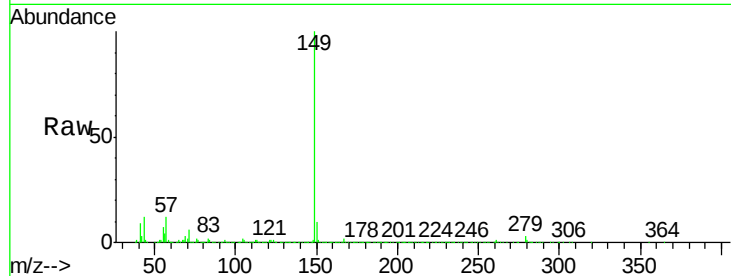
Tot Ion:149 Resp: 1452561

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

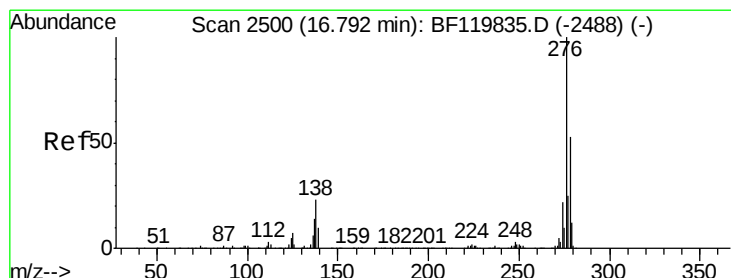
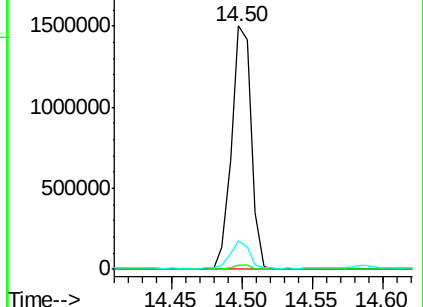
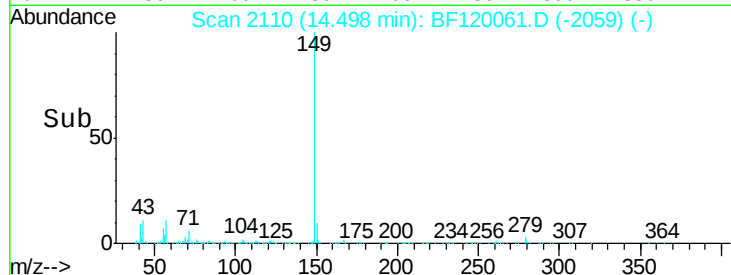
43 10.9 9.2 13.8



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: 48.692 ng

RT: 16.73 min Scan# 2489

Delta R.T. 0.01 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

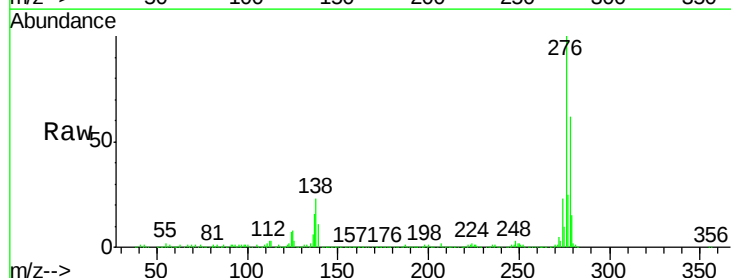
Tgt Ion:276 Resp: 884121

Ion Ratio Lower Upper

276 100

138 24.7 18.0 27.0

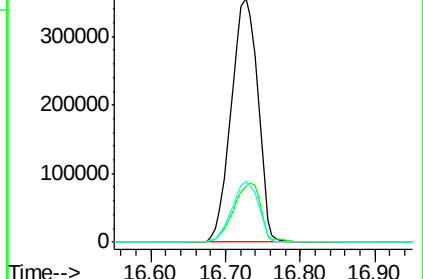
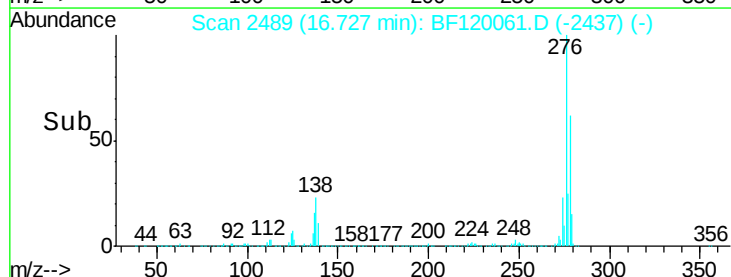
277 24.8 20.1 30.1

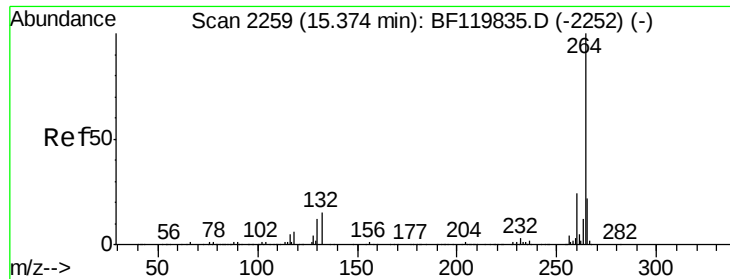


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.33 min Scan# 2251

Delta R.T. 0.00 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

Instrument :

BNA_F

ClientSampleId :

BG-4MS

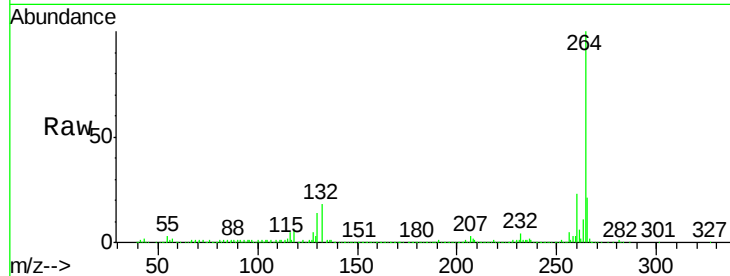
Tot Ion:264 Resp: 290625

Ion Ratio Lower Upper

264 100

260 23.1 19.3 28.9

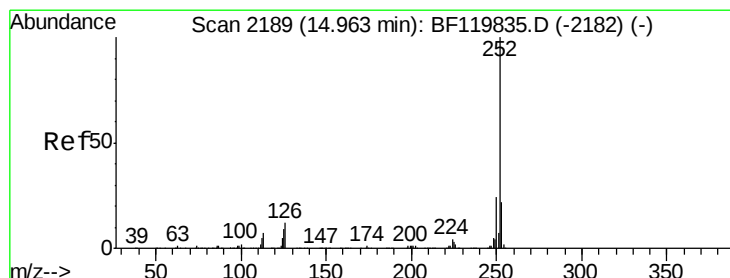
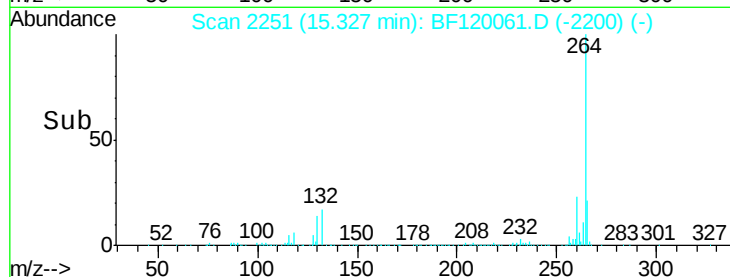
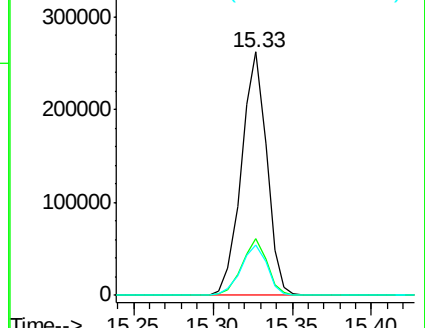
265 20.9 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.372 ng

RT: 14.95 min Scan# 2187

Delta R.T. 0.03 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

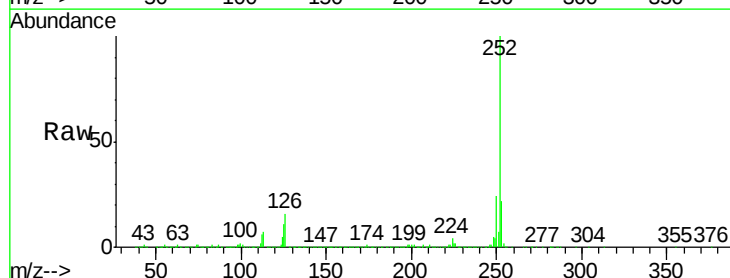
Tgt Ion:252 Resp: 885875

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

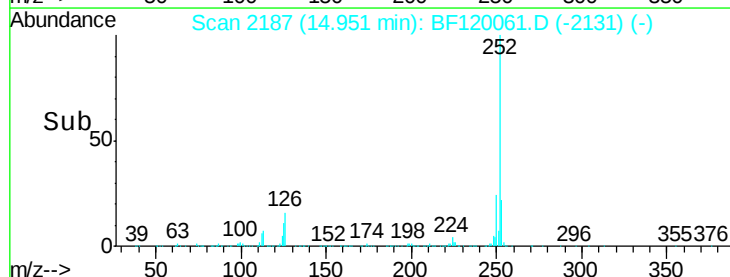
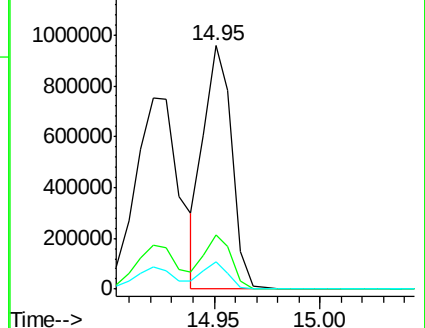
125 11.1 7.4 11.2

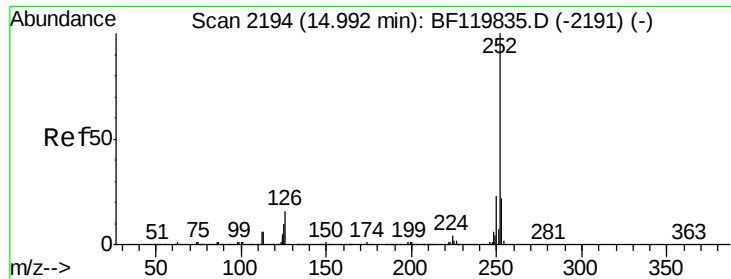


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 49.109 ng

RT: 14.95 min Scan# 2187

Delta R.T. 0.00 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

Instrument :

BNA_F

ClientSampleId :

BG-4MS

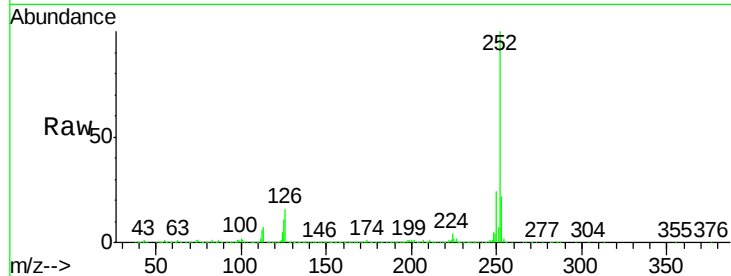
Tot Ion:252 Resp: 885875

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

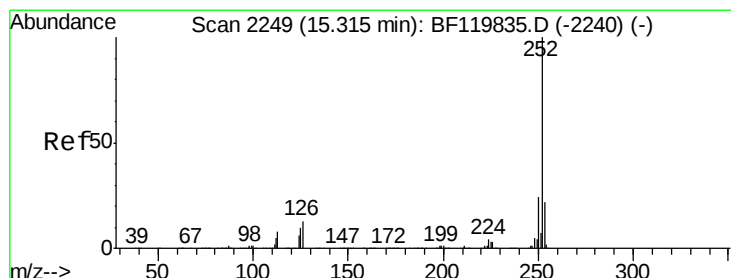
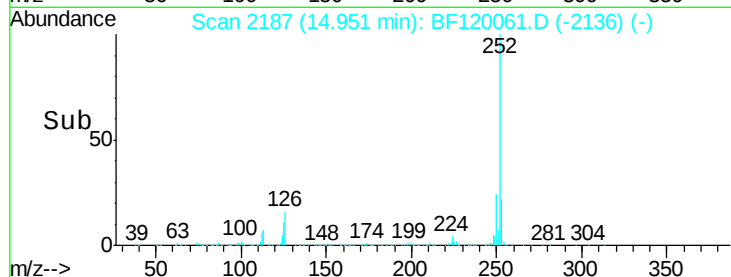
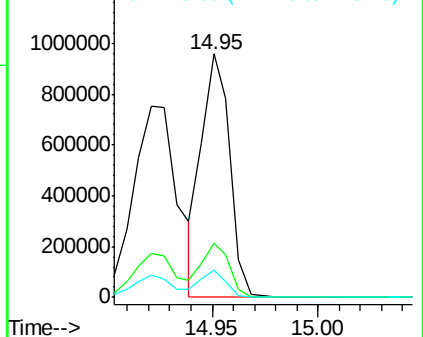
125 11.1 7.7 11.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 50.095 ng

RT: 15.27 min Scan# 2242

Delta R.T. 0.01 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

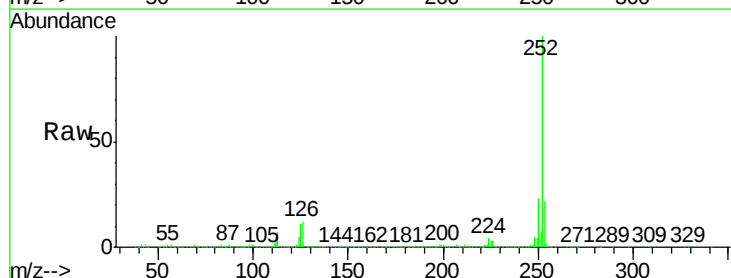
Tgt Ion:252 Resp: 880592

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

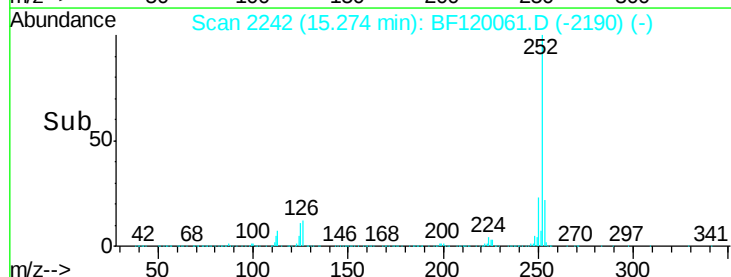
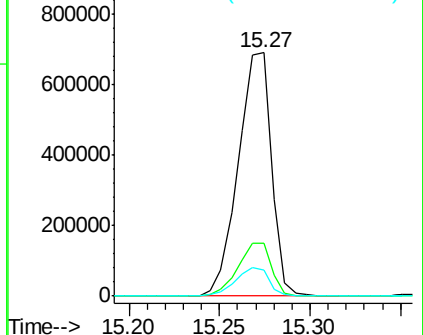
125 10.6 8.3 12.5

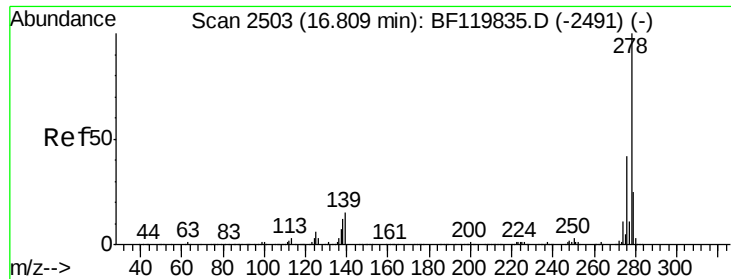


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

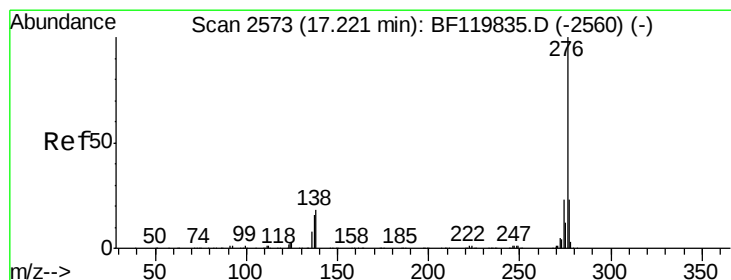
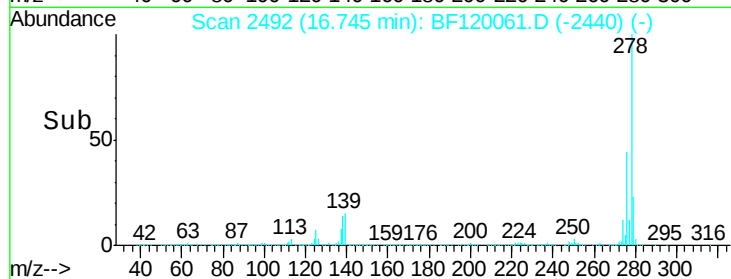
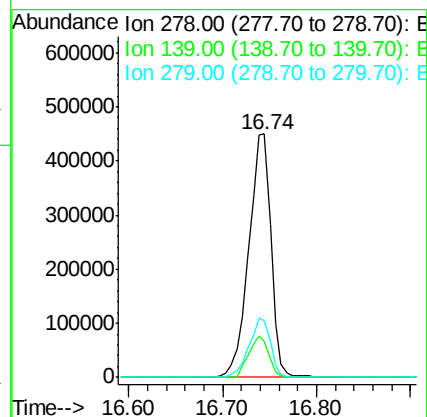
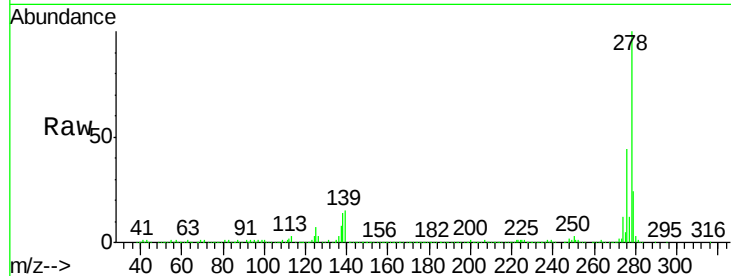




#91
Dibenzo(a,h)anthracene
Concen: 47.304 ng
RT: 16.74 min Scan# 2492
Delta R.T. 0.01 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Instrument :
BNA_F
ClientSampleId :
BG-4MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.1	11.6	17.4
279	23.5	19.7	29.5



#92
Benzo(g,h,i)perylene
Concen: 45.146 ng
RT: 17.14 min Scan# 2560
Delta R.T. 0.00 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.5	27.7
138	21.2	14.6	22.0

