

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
 Data File : BF120062.D
 Acq On : 17 Apr 2020 16:36
 Operator : MA/SJ
 Sample : L2271-06MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BG-4MSD

Quant Time: Apr 18 01:31:37 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	154170	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	613978	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	281369	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	451878	20.00	ng	0.00
76) Chrysene-d12	13.90	240	276532	20.00	ng	0.00
87) Perylene-d12	15.33	264	243282	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1124682	126.07	ng	0.02
7) Phenol-d6	6.38	99	1423247	123.81	ng	0.01
23) Nitrobenzene-d5	7.30	82	930970	78.44	ng	0.00
42) 2,4,6-Tribromophenol	10.57	330	311234	90.35	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1693188	85.44	ng	0.00
79) Terphenyl-d14	12.85	244	1304667	79.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	198306	49.909	ng	98
3) Pyridine	3.17	79	551417	50.581	ng	98
4) n-Nitrosodimethylamine	3.13	42	324020	58.173	ng	100
6) Aniline	6.39	93	302287	20.036	ng	# 1
8) 2-Chlorophenol	6.52	128	606019	60.799	ng	96
9) Benzaldehyde	6.27	77	262418	44.783	ng	99
10) Phenol	6.39	94	735025	56.362	ng	95
11) bis(2-Chloroethyl)ether	6.47	93	754261	74.908	ng	98
12) 1,3-Dichlorobenzene	6.67	146	603999	55.349	ng	98
13) 1,4-Dichlorobenzene	6.75	146	604053	54.340	ng	100
14) 1,2-Dichlorobenzene	6.90	146	570695	55.707	ng	96
15) Benzyl Alcohol	6.88	79	492873	55.204	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	988788	50.464	ng	88
17) 2-Methylphenol	7.00	107	470702	52.916	ng	94
18) Hexachloroethane	7.24	117	216303	52.067	ng	98
19) n-Nitroso-di-n-propylamine	7.16	70	408349	55.243	ng	98
20) 3+4-Methylphenols	7.15	107	582704	53.562	ng	94
22) Acetophenone	7.15	105	786746	54.721	ng	# 97
24) Nitrobenzene	7.32	77	623335	52.211	ng	96
25) Isophorone	7.56	82	1181030	51.623	ng	98
26) 2-Nitrophenol	7.63	139	332818	55.798	ng	95
27) 2,4-Dimethylphenol	7.68	122	512536	56.975	ng	99
28) bis(2-Chloroethoxy)methane	7.77	93	763970	56.748	ng	98
29) 2,4-Dichlorophenol	7.88	162	488821	53.012	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	547678	52.419	ng	100
31) Naphthalene	8.04	128	1675864	51.879	ng	100
32) Benzoic acid	7.84	122	416230	52.684	ng	95
33) 4-Chloroaniline	8.09	127	291955	20.761	ng	99
34) Hexachlorobutadiene	8.16	225	314897	50.349	ng	99
35) Caprolactam	8.48	113	106435	37.734	ng	92
36) 4-Chloro-3-methylphenol	8.59	107	505747	50.660	ng	97
37) 2-Methylnaphthalene	8.73	142	1099805	50.218	ng	99
38) 1-Methylnaphthalene	8.83	142	1033266	50.056	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	491949	55.357	ng	99

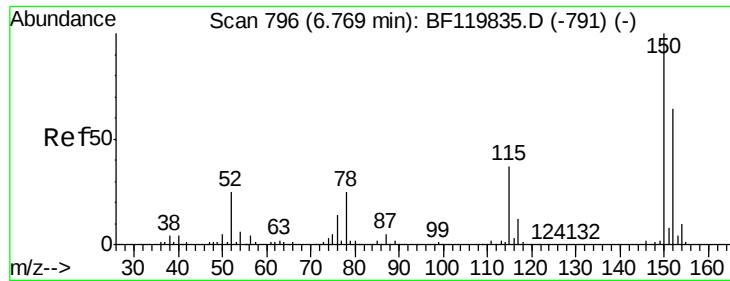
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	206753	40.914	nq	97
43) 2,4,6-Trichlorophenol	9.02	196	334524	54.512	nq	99
44) 2,4,5-Trichlorophenol	9.06	196	344339	49.819	nq	99
46) 1,1'-Biphenyl	9.20	154	1198939	50.484	nq	99
47) 2-Chloronaphthalene	9.22	162	971654	53.110	nq	97
48) 2-Nitroaniline	9.32	65	326294	49.216	nq	97
49) Acenaphthylene	9.64	152	1510243	54.280	nq	99
50) Dimethylphthalate	9.51	163	1486054	68.282	nq	99
51) 2,6-Dinitrotoluene	9.57	165	255626	53.637	nq #	85
52) Acenaphthene	9.81	154	901888	48.593	nq	99
53) 3-Nitroaniline	9.73	138	153725	28.242	nq	96
54) 2,4-Dinitrophenol	9.84	184	124864	43.761	nq #	90
55) Dibenzofuran	9.98	168	1317986	51.749	nq	100
56) 4-Nitrophenol	9.91	139	356154	87.941	nq	94
57) 2,4-Dinitrotoluene	9.97	165	303515	48.338	nq	95
58) Fluorene	10.32	166	992315	48.718	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	267258	50.557	nq	97
60) Diethylphthalate	10.20	149	1194055	52.936	nq	100
61) 4-Chlorophenyl-phenylether	10.32	204	501440	48.032	nq	98
62) 4-Nitroaniline	10.35	138	214674	41.385	nq	99
63) Azobenzene	10.47	77	1027803	50.844	nq	99
65) 4,6-Dinitro-2-methylphenol	10.38	198	85080	28.579	nq	95
66) n-Nitrosodiphenylamine	10.44	169	887192	59.035	nq	99
67) 4-Bromophenyl-phenylether	10.80	248	275658	49.053	nq	95
68) Hexachlorobenzene	10.87	284	266422	46.734	nq	96
69) Atrazine	10.97	200	250326	59.868	nq	97
70) Pentachlorophenol	11.07	266	309728	94.278	nq	98
71) Phenanthrene	11.29	178	1290874	53.676	nq	99
72) Anthracene	11.34	178	1322625	53.836	nq	99
73) Carbazole	11.49	167	1148021	49.413	nq	99
74) Di-n-butylphthalate	11.83	149	1641617	53.749	nq	100
75) Fluoranthene	12.47	202	1165453	44.913	nq	97
77) Benzidine	12.59	184	64538	6.904	nq	98
78) Pyrene	12.70	202	1146479	49.179	nq	99
80) Butylbenzylphthalate	13.33	149	539258	47.672	nq	94
81) Benzo(a)anthracene	13.89	228	995400	54.716	nq	99
82) 3,3'-Dichlorobenzidine	13.86	252	261521	38.528	nq	97
83) Chrysene	13.93	228	999865	54.091	nq	100
84) Bis(2-ethylhexyl)phthalate	13.89	149	789553	51.542	nq #	99
85) Di-n-octyl phthalate	14.50	149	1302299	49.930	nq	98
86) Indeno(1,2,3-cd)pyrene	16.72	276	784927	48.172	nq	97
88) Benzo(b)fluoranthene	14.92	252	910131	52.004	nq	98
89) Benzo(k)fluoranthene	14.95	252	833126	55.173	nq	99
90) Benzo(a)pyrene	15.27	252	783940	53.275	nq	99
91) Dibenzo(a,h)anthracene	16.74	278	666978	51.171	nq	98
92) Benzo(g,h,i)perylene	17.14	276	627279	48.754	nq	98

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

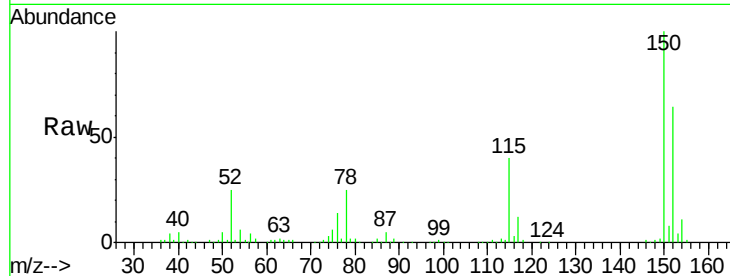


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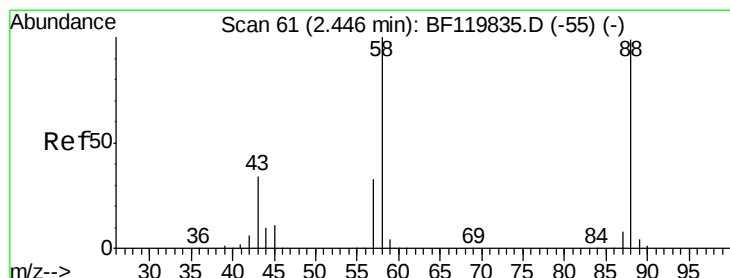
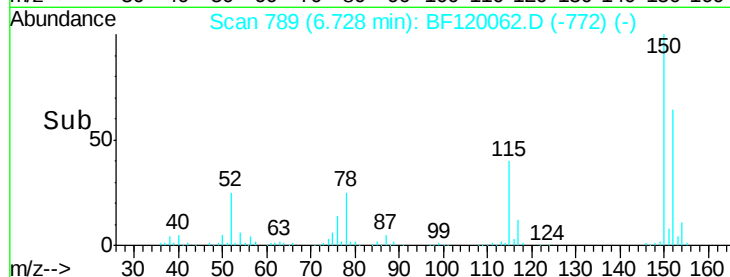
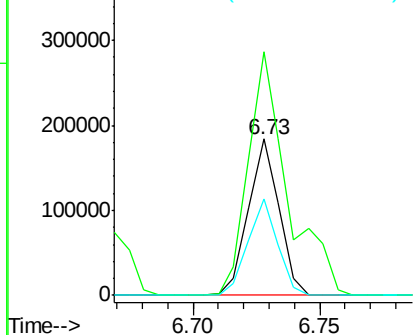
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF120062.D
Acq: 17 Apr 2020 16:36

Instrument :
BNA_F
ClientSampleId :
BG-4MSD

Tot Ion:152 Resp: 154170
Ion Ratio Lower Upper
152 100
150 156.0 124.8 187.2
115 62.0 46.5 69.7



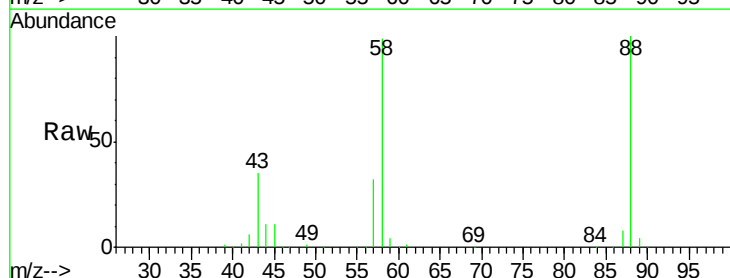
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



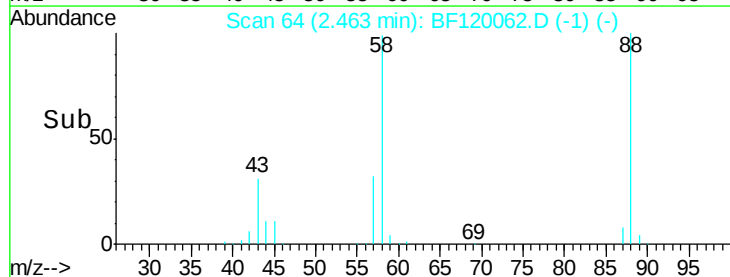
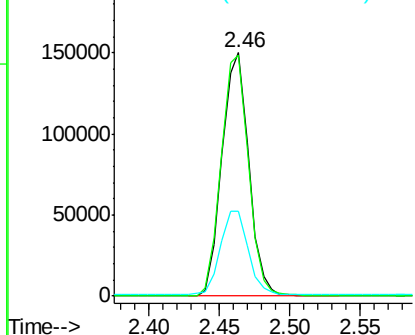
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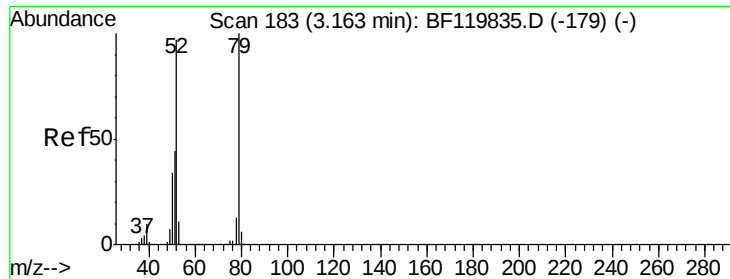
1,4-Dioxane
Concen: 49.909 ng
RT: 2.46 min Scan# 64
Delta R.T. 0.09 min
Lab File: BF120062.D
Acq: 17 Apr 2020 16:36

Tgt Ion: 88 Resp: 198306
Ion Ratio Lower Upper
88 100
58 101.1 82.6 123.8
43 36.1 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: 50.581 ng

RT: 3.17 min Scan# 184

Delta R.T. 0.09 min

Lab File: BF120062.D

Acq: 17 Apr 2020 16:36

Instrument :

BNA_F

ClientSampleId :

BG-4MSD

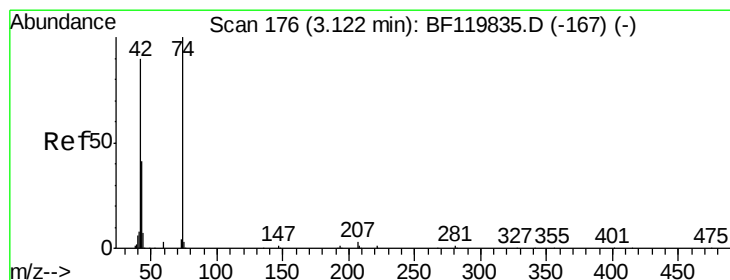
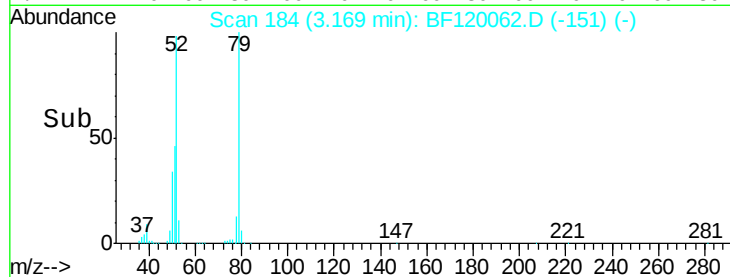
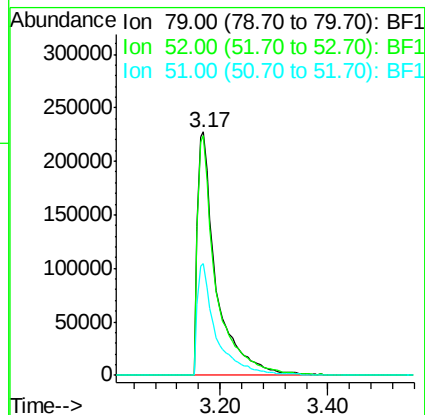
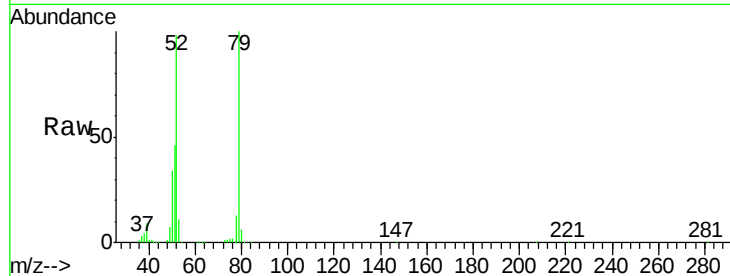
Tot Ion: 79 Resp: 551417

Ion Ratio Lower Upper

79 100

52 98.4 77.4 116.0

51 45.9 35.3 52.9



#4

n-Nitrosodimethylamine

Concen: 58.173 ng

RT: 3.13 min Scan# 177

Delta R.T. 0.09 min

Lab File: BF120062.D

Acq: 17 Apr 2020 16:36

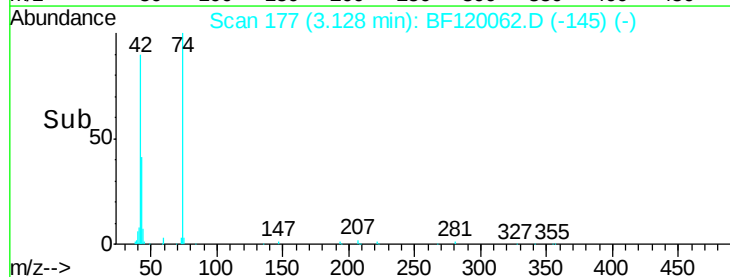
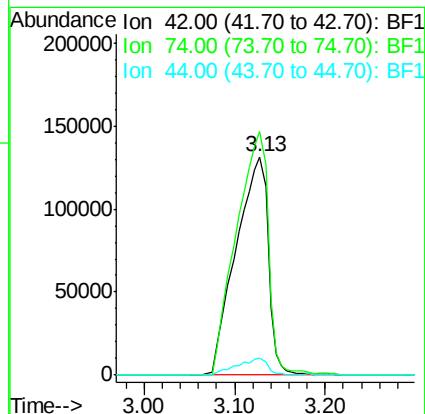
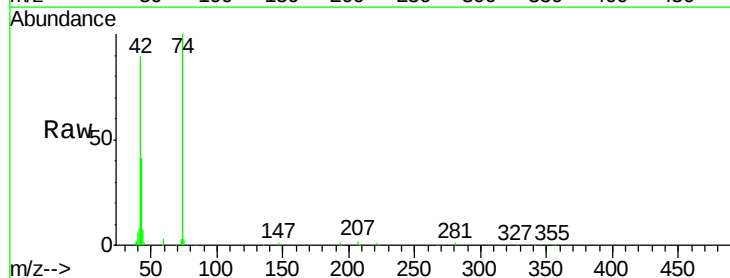
Tgt Ion: 42 Resp: 324020

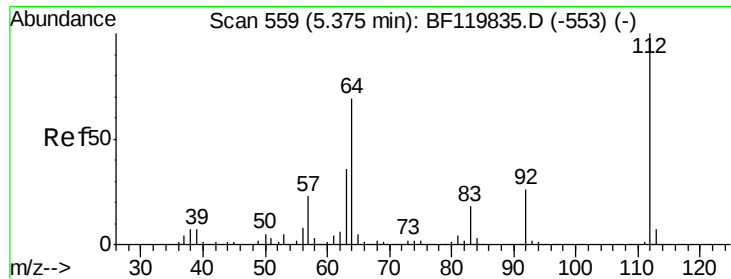
Ion Ratio Lower Upper

42 100

74 111.5 89.0 133.4

44 7.7 6.2 9.4





#5

2-Fluorophenol

Concen: 126.072 ng

RT: 5.35 min Scan# 554

Delta R.T. 0.02 min

Lab File: BF120062.D

Acq: 17 Apr 2020 16:36

Instrument :

BNA_F

ClientSampleId :

BG-4MSD

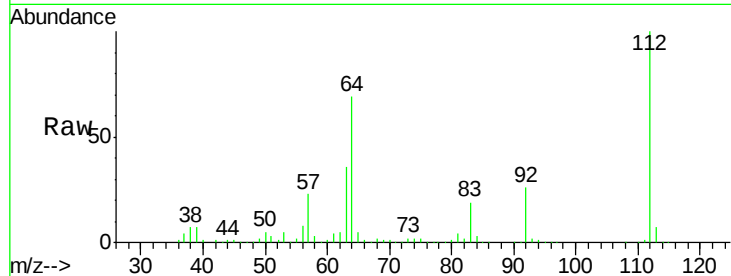
Tot Ion:112 Resp: 1124682

Ion Ratio Lower Upper

112 100

64 69.5 55.5 83.3

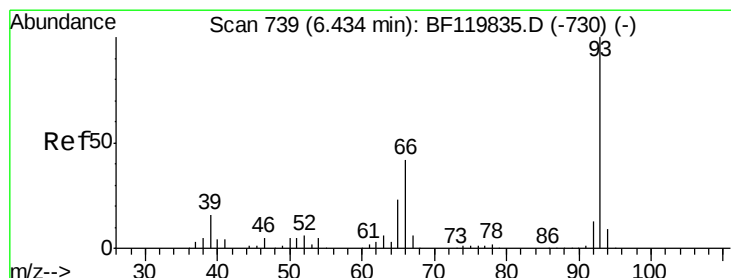
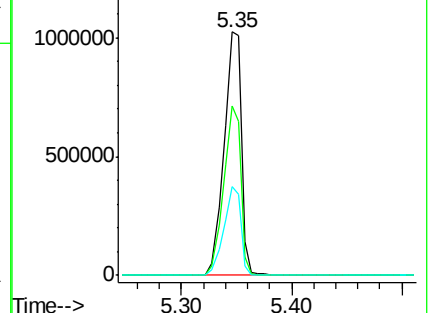
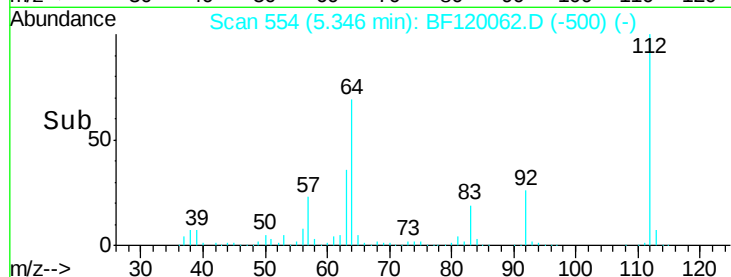
63 36.2 29.1 43.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 20.036 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF120062.D

Acq: 17 Apr 2020 16:36

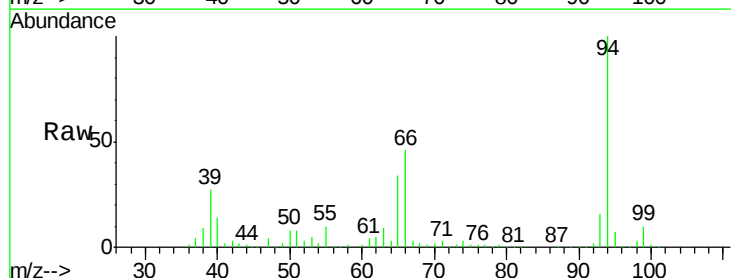
Tgt Ion: 93 Resp: 302287

Ion Ratio Lower Upper

93 100

66 285.0 34.2 51.2#

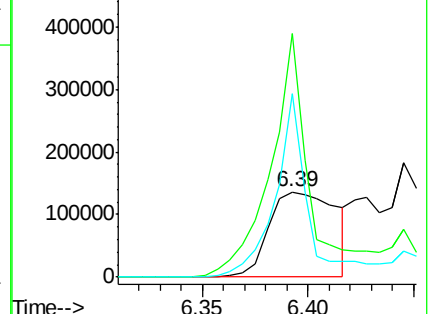
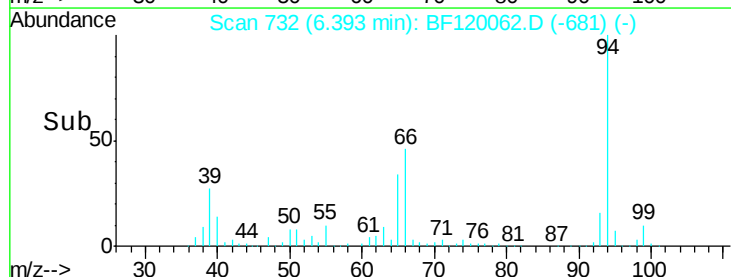
65 214.3 18.3 27.5#

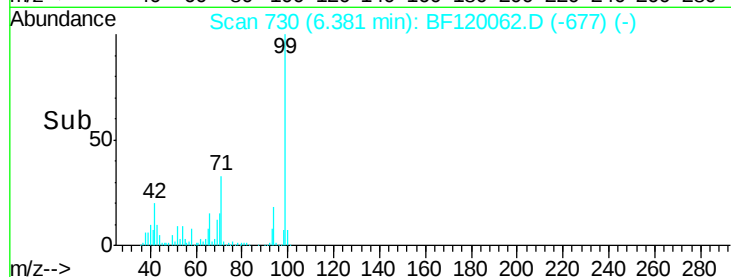
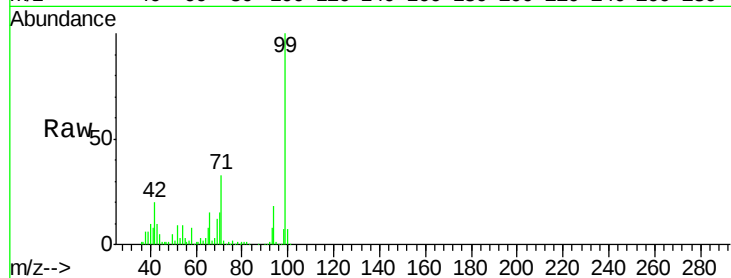
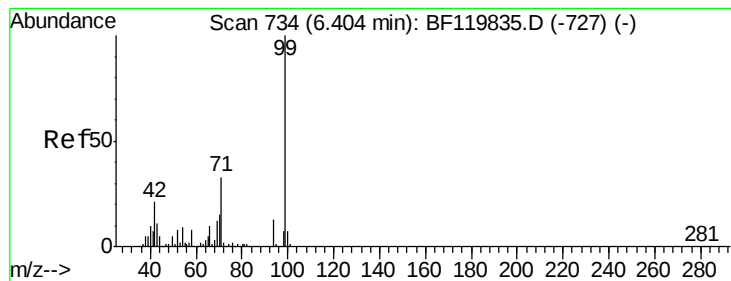


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 123.814 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF120062.D

Acq: 17 Apr 2020 16:36

Instrument :

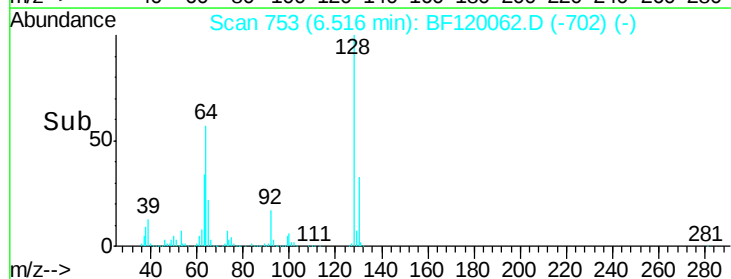
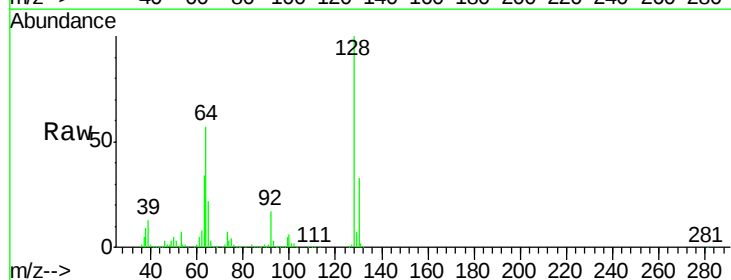
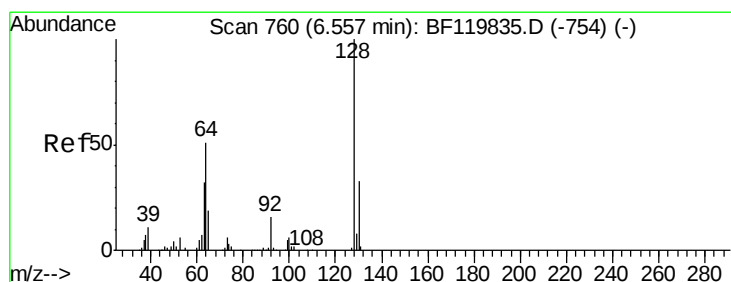
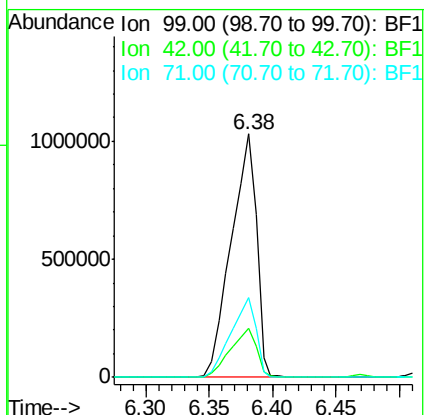
BNA_F

ClientSampleId :

BG-4MSD

Tot Ion: 99 Resp: 1423247

Ion	Ratio	Lower	Upper
99	100		
42	20.3	16.9	25.3
71	32.6	26.3	39.5



#8

2-Chlorophenol

Concen: 60.799 ng

RT: 6.52 min Scan# 753

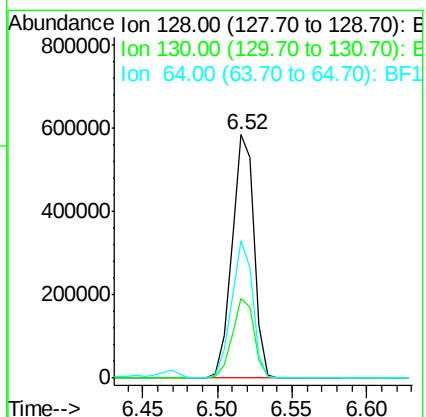
Delta R.T. 0.00 min

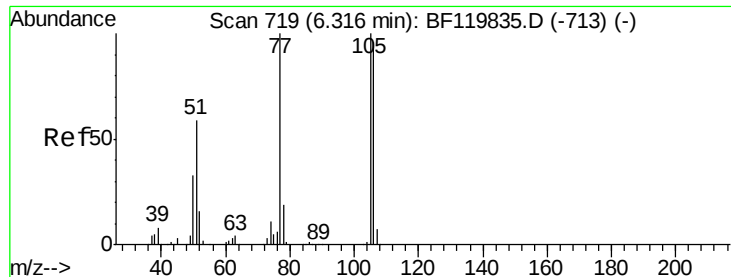
Lab File: BF120062.D

Acq: 17 Apr 2020 16:36

Tgt Ion: 128 Resp: 606019

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.6	52.6
64	56.6	32.0	72.0





#9

Benzaldehyde

Concen: 44.783 ng

RT: 6.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF120062.D

Acq: 17 Apr 2020 16:36

Instrument :

BNA_F

ClientSampleId :

BG-4MSD

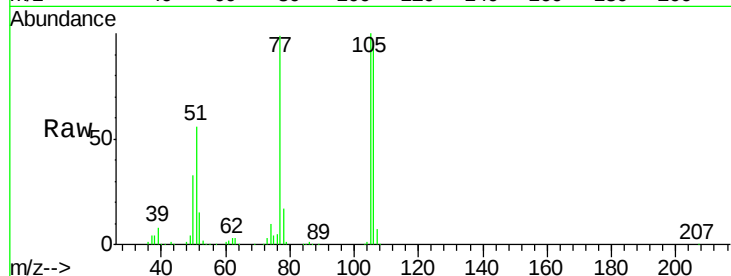
Tot Ion: 77 Resp: 262418

Ion Ratio Lower Upper

77 100

105 101.4 79.9 119.9

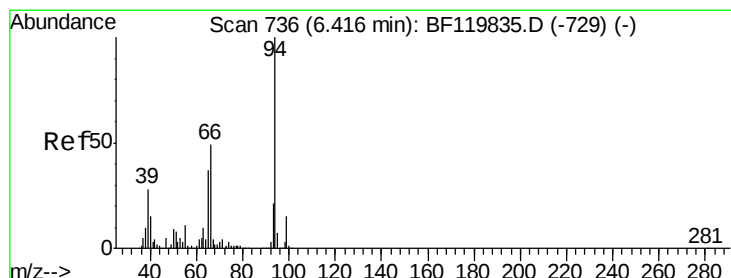
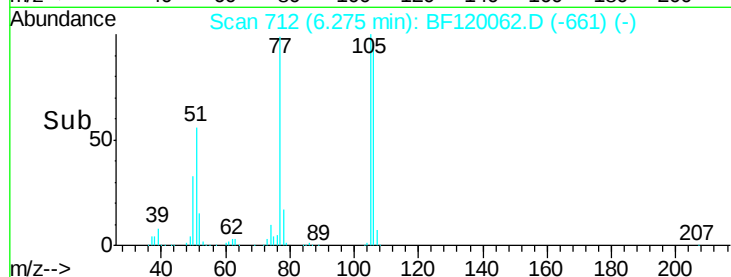
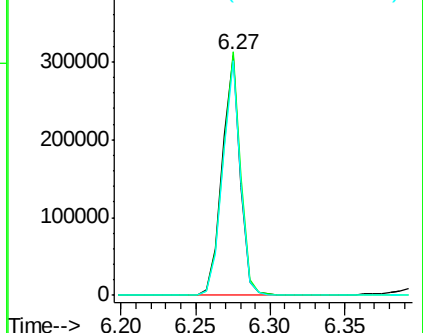
106 97.6 76.4 116.4



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 56.362 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF120062.D

Acq: 17 Apr 2020 16:36

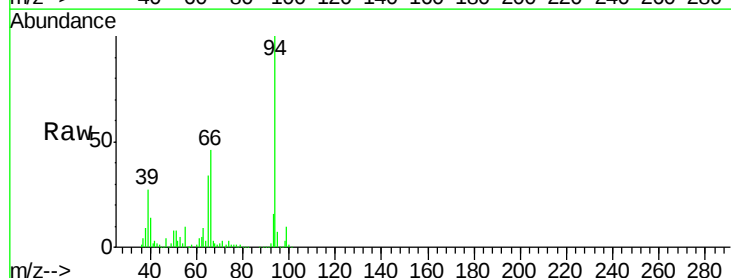
Tgt Ion: 94 Resp: 735025

Ion Ratio Lower Upper

94 100

65 34.3 16.6 56.6

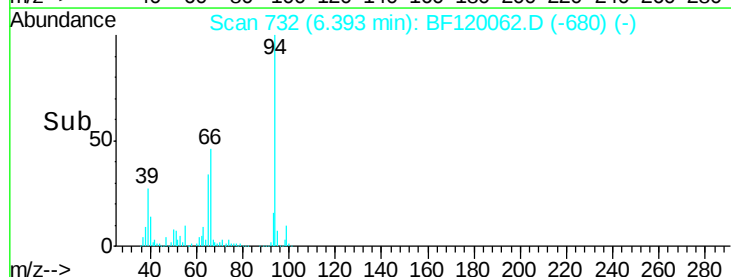
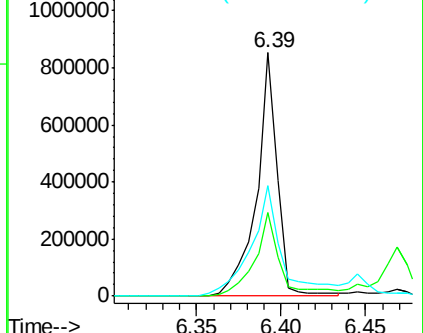
66 45.6 29.3 69.3

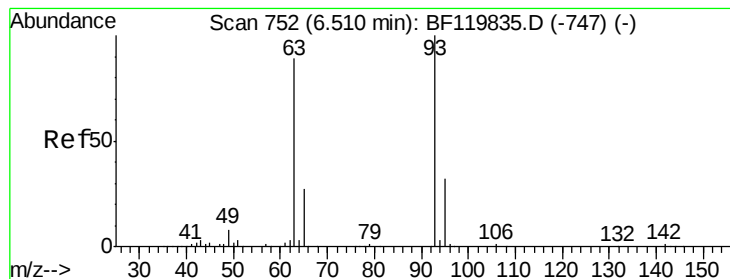


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 74.908 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF120062.D

Acq: 17 Apr 2020 16:36

Instrument :

BNA_F

ClientSampleId :

BG-4MSD

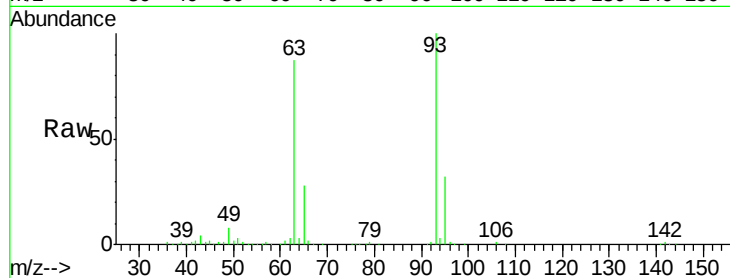
Tot Ion: 93 Resp: 754261

Ion Ratio Lower Upper

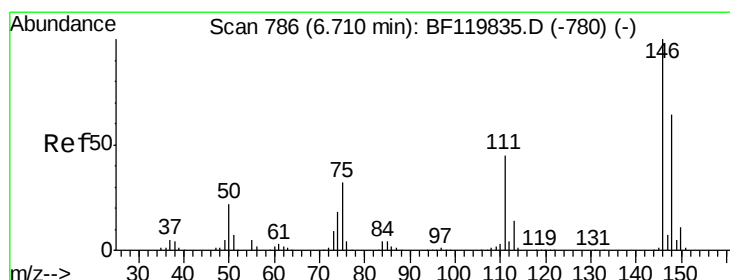
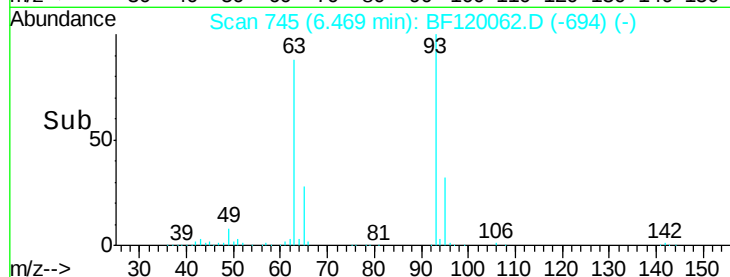
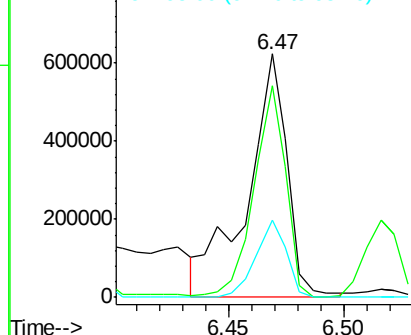
93 100

63 86.9 69.1 109.1

95 31.5 12.3 52.3



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



#12

1,3-Dichlorobenzene

Concen: 55.349 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF120062.D

Acq: 17 Apr 2020 16:36

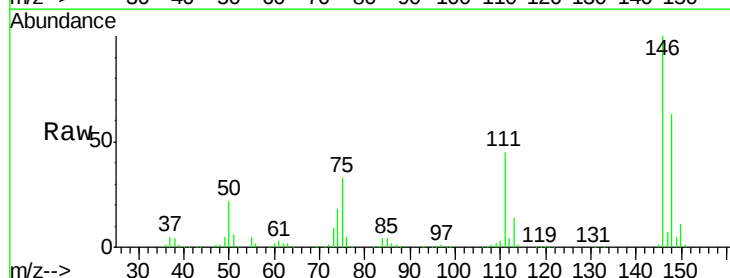
Tgt Ion: 146 Resp: 603999

Ion Ratio Lower Upper

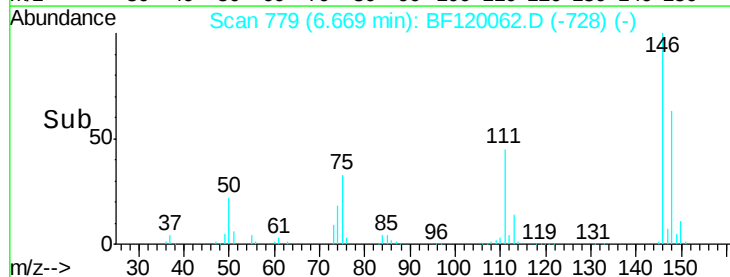
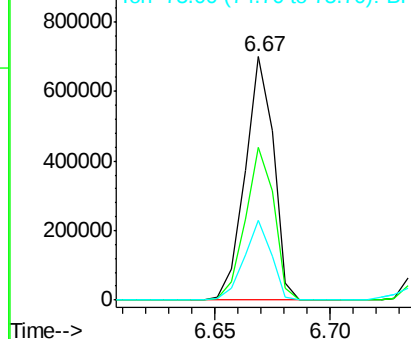
146 100

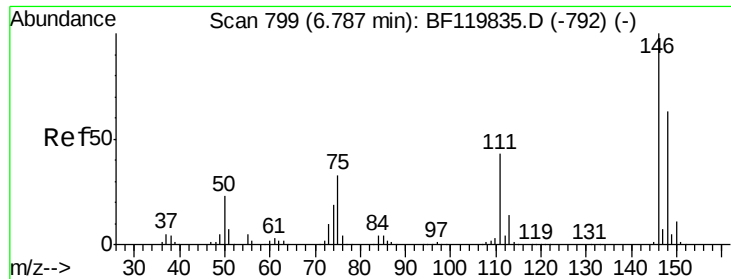
148 62.9 51.3 76.9

75 32.8 25.3 37.9



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

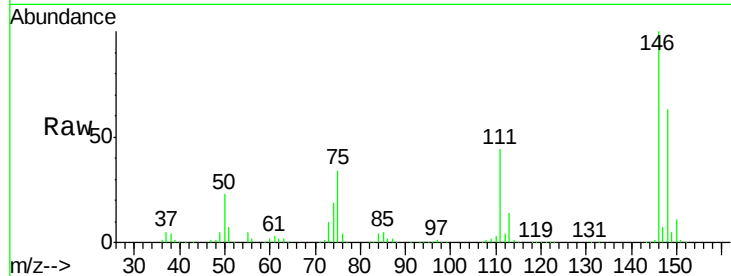




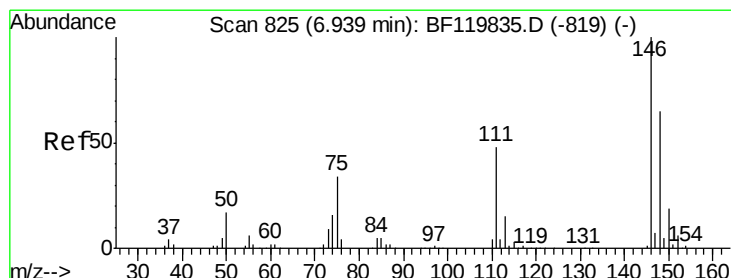
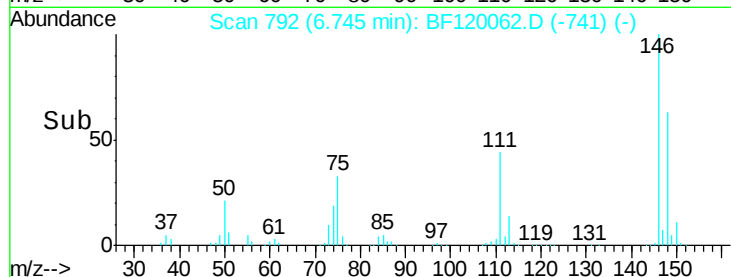
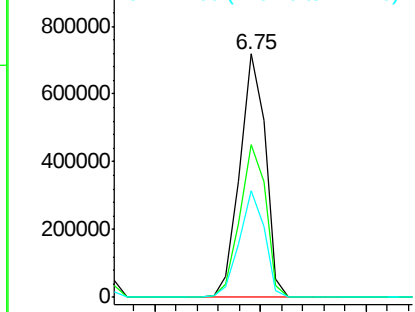
#13
 1,4-Dichlorobenzene
 Concen: 54.340 ng
 RT: 6.75 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF120062.D
 Acq: 17 Apr 2020 16:36

Instrument :
 BNA_F
 ClientSampleId :
 BG-4MSD

Tot Ion:146 Resp: 604053
 Ion Ratio Lower Upper
 146 100
 148 62.7 50.5 75.7
 111 43.7 34.7 52.1

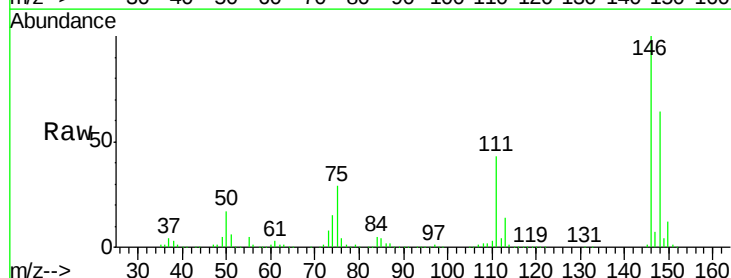


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

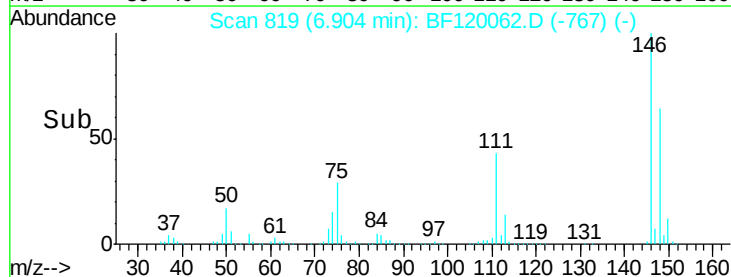
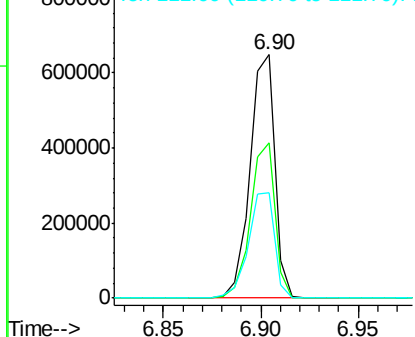


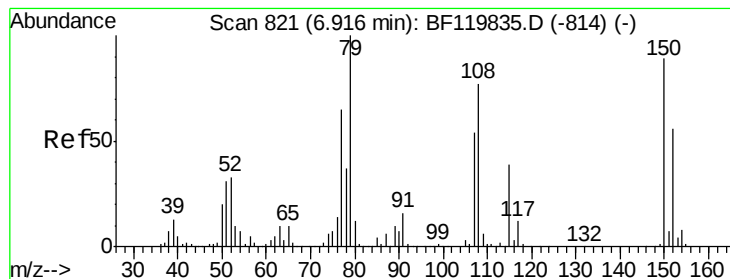
#14
 1,2-Dichlorobenzene
 Concen: 55.707 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: BF120062.D
 Acq: 17 Apr 2020 16:36

Tgt Ion:146 Resp: 570695
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.8 77.8
 111 43.2 38.0 57.0



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





#15

Benzyl Alcohol

Concen: 55.204 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.01 min

Lab File: BF120062.D

Acq: 17 Apr 2020 16:36

Instrument :

BNA_F

ClientSampleID :

BG-4MSD

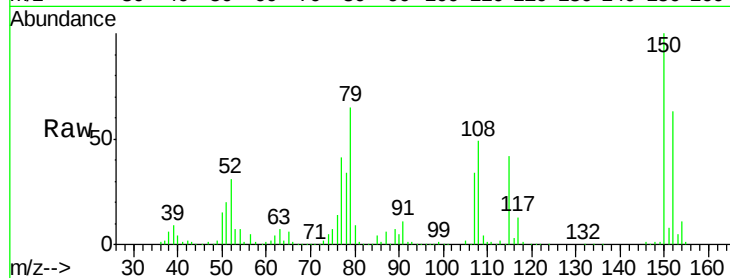
Tot Ion: 79 Resp: 492873

Ion Ratio Lower Upper

79 100

108 76.4 62.0 93.0

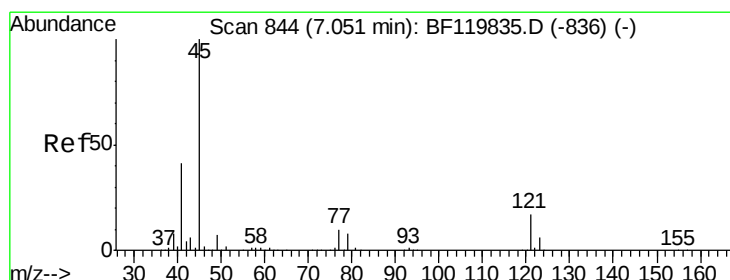
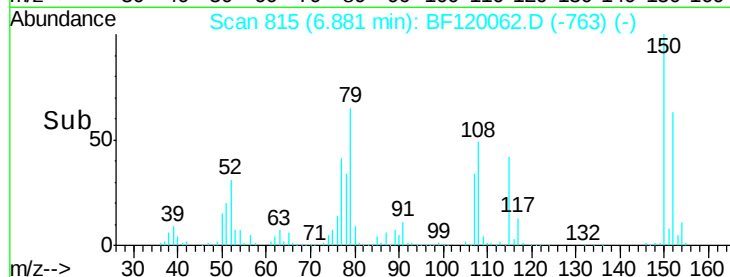
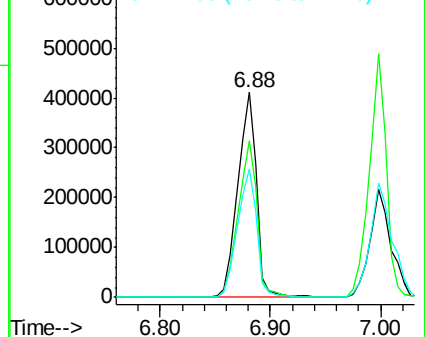
77 62.9 51.8 77.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 50.464 ng

RT: 7.01 min Scan# 837

Delta R.T. 0.00 min

Lab File: BF120062.D

Acq: 17 Apr 2020 16:36

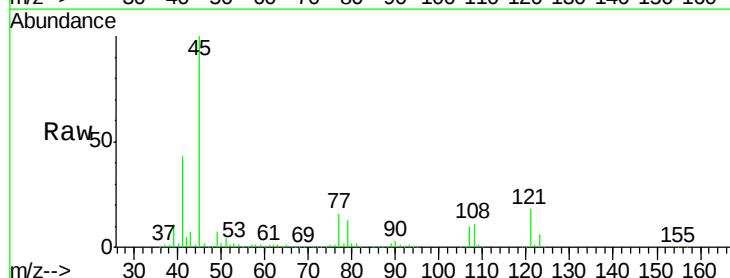
Tgt Ion: 45 Resp: 988788

Ion Ratio Lower Upper

45 100

77 15.5 0.0 30.7

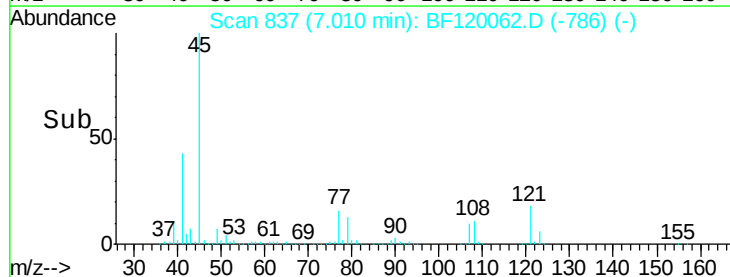
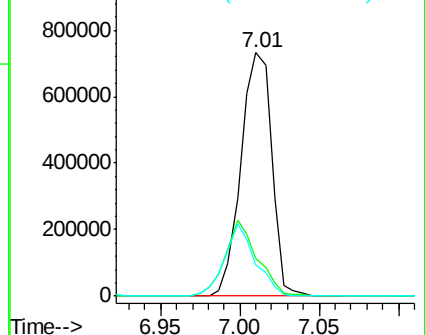
79 12.9 0.0 28.6

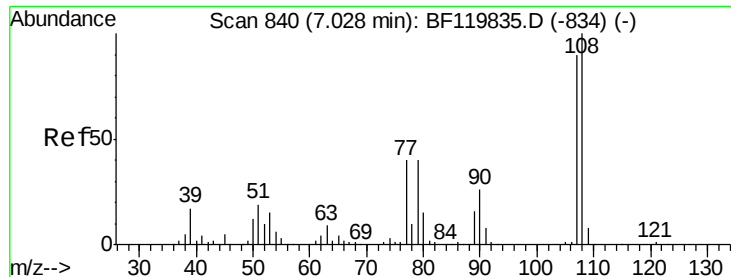


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 52.916 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF120062.D

Acq: 17 Apr 2020 16:36

Instrument :

BNA_F

ClientSampleId :

BG-4MSD

Tot Ion:107 Resp: 470702

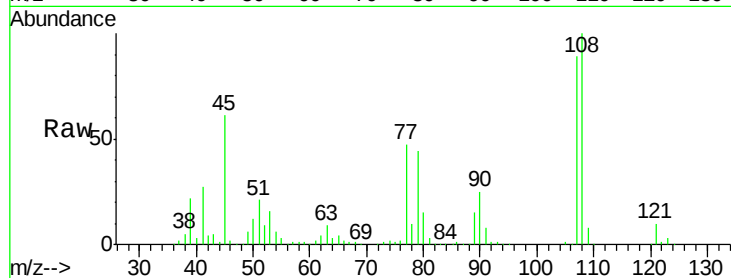
Ion Ratio Lower Upper

107 100

108 112.9 88.8 133.2

77 52.8 36.0 54.0

79 50.2 35.7 53.5

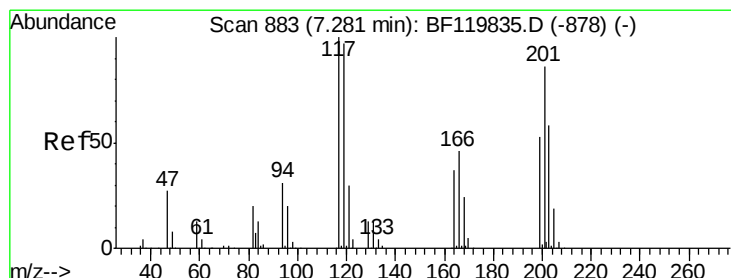
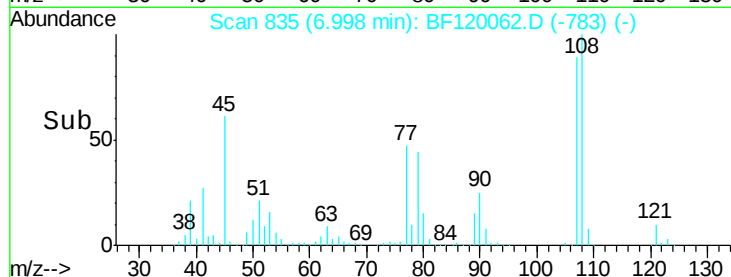
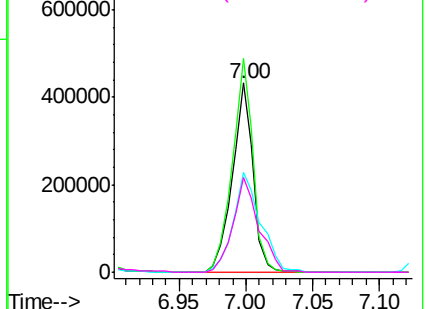


Abundance Ion 107.00 (106.70 to 107.70): E

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: 52.067 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.00 min

Lab File: BF120062.D

Acq: 17 Apr 2020 16:36

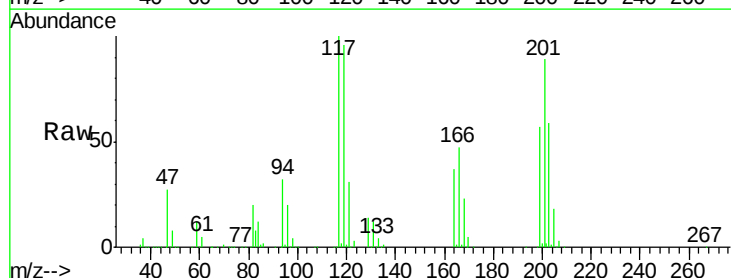
Tgt Ion:117 Resp: 216303

Ion Ratio Lower Upper

117 100

119 96.1 77.4 116.0

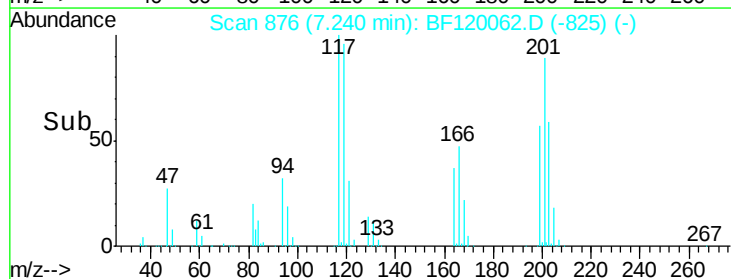
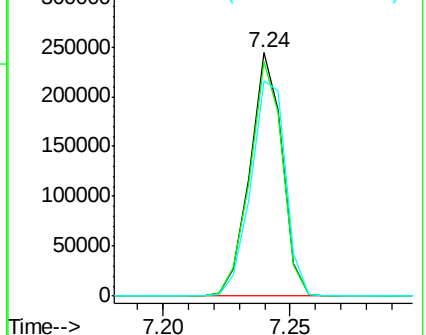
201 88.7 68.4 102.6

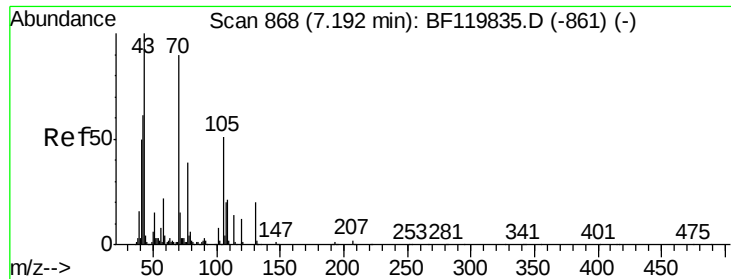


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

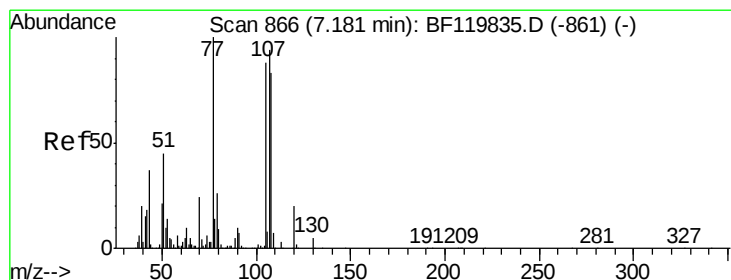
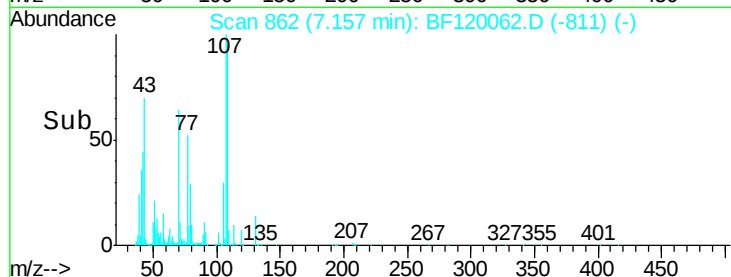
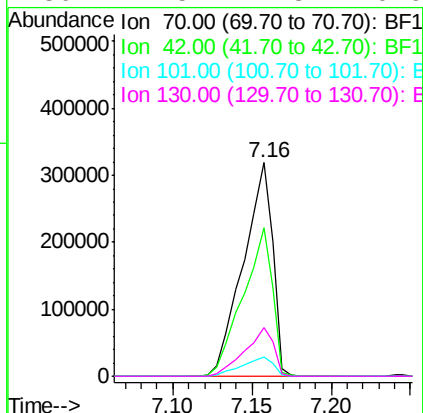
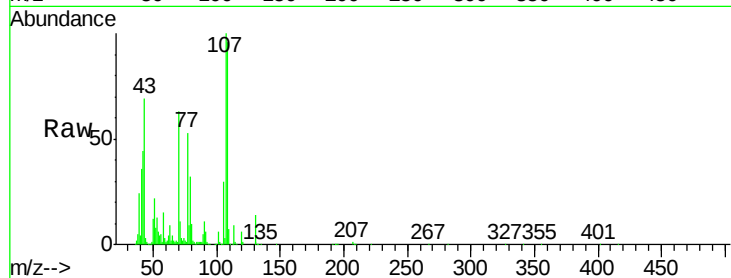




#19
n-Nitroso-di-n-propylamine
Concen: 55.243 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF120062.D
Acq: 17 Apr 2020 16:36

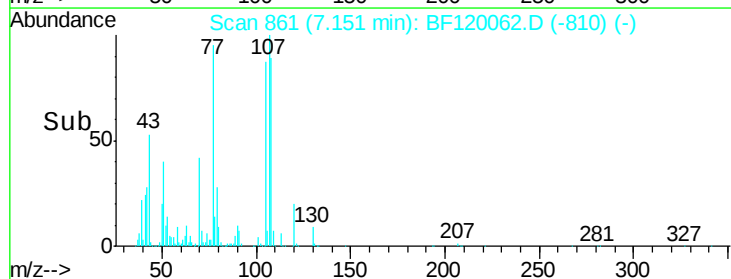
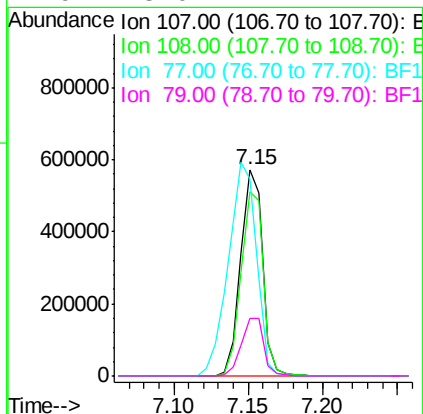
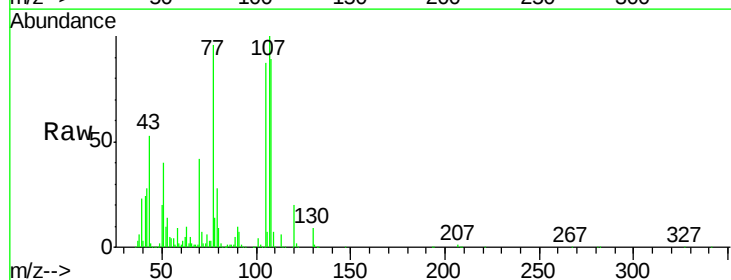
Instrument :
BNA_F
ClientSampleId :
BG-4MSD

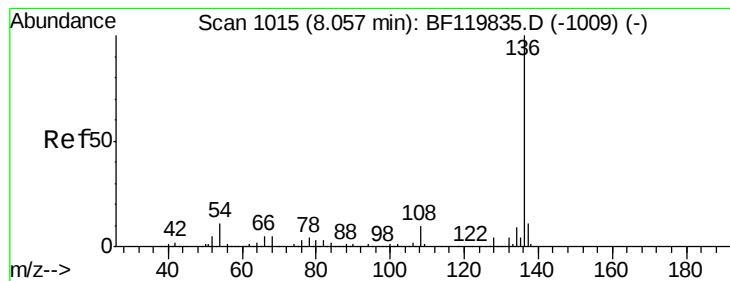
Tot Ion:	70	Resp:	408349
Ion	Ratio	Lower	Upper
70	100		
42	69.5	54.2	81.4
101	9.0	7.4	11.2
130	22.5	17.8	26.6



#20
3+4-Methylphenols
Concen: 53.562 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF120062.D
Acq: 17 Apr 2020 16:36

Tgt Ion:	107	Resp:	582704
Ion	Ratio	Lower	Upper
107	100		
108	89.5	68.2	108.2
77	95.6	86.6	126.6
79	28.0	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: BF120062.D

Acq: 17 Apr 2020 16:36

Instrument :

BNA_F

ClientSampleId :

BG-4MSD

Tot Ion:136 Resp: 613978

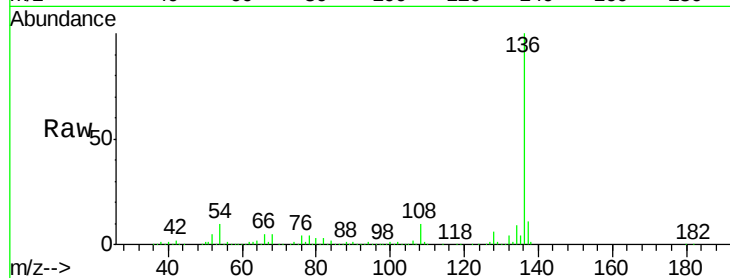
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 10.2 8.5 12.7

68 5.2 3.9 5.9

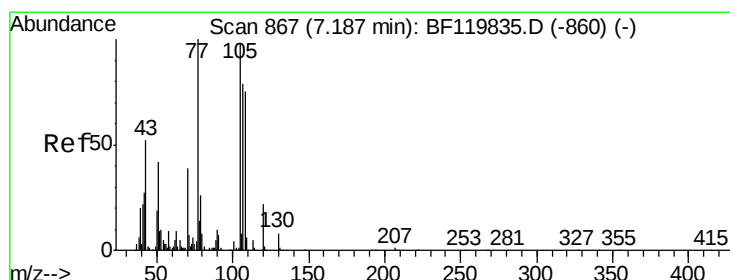
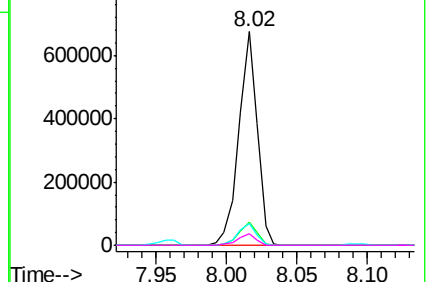
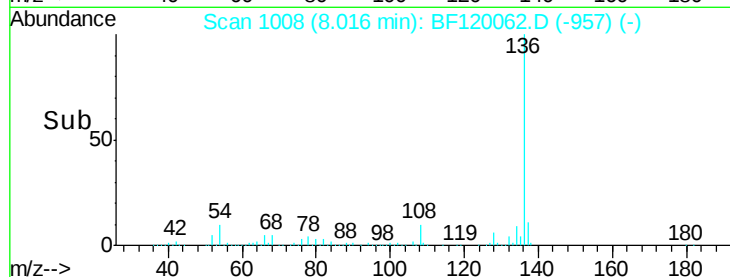


Abundance Ion 136.00 (135.70 to 136.70): E

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: 54.721 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF120062.D

Acq: 17 Apr 2020 16:36

Tgt Ion:105 Resp: 786746

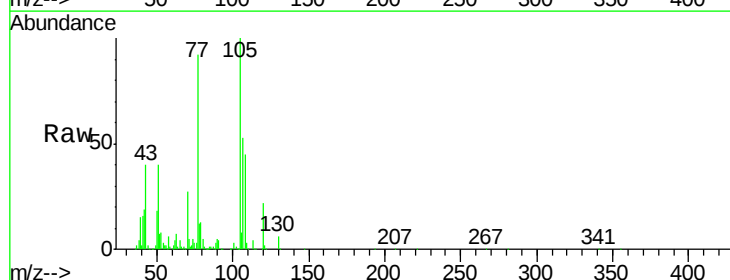
Ion Ratio Lower Upper

105 100

71 4.5 5.6 8.4#

51 39.9 33.9 50.9

120 22.5 17.8 26.8

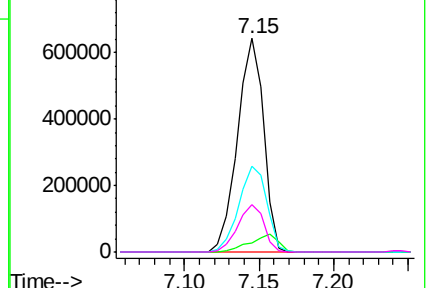
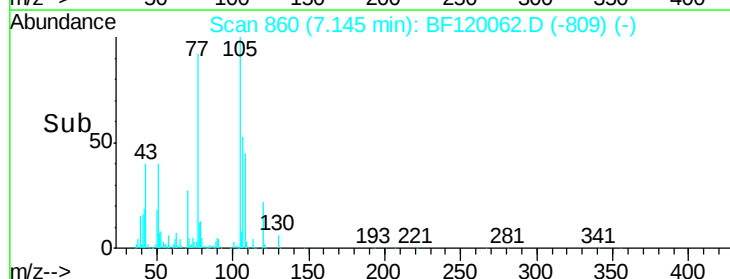


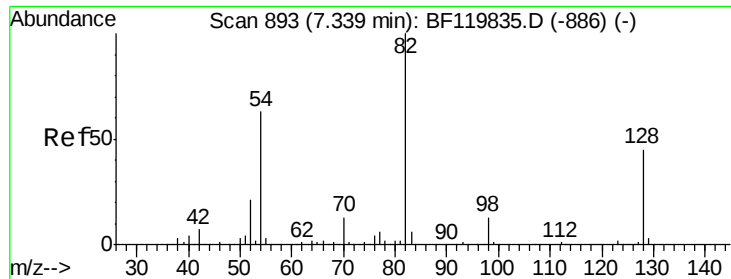
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

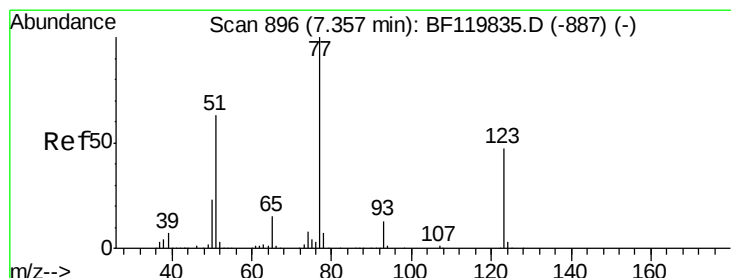
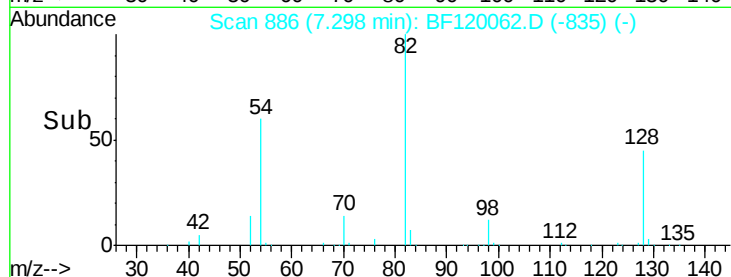
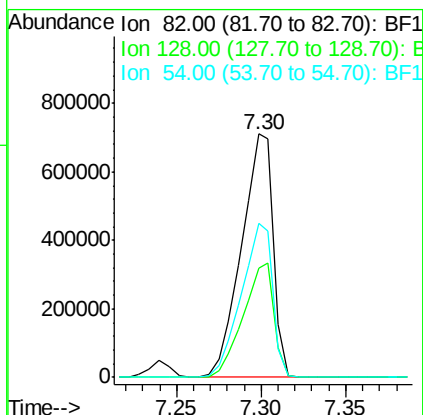
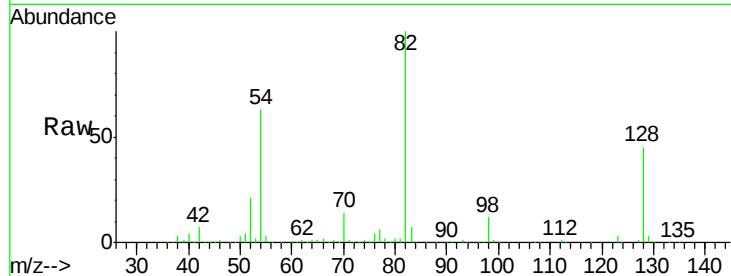




#23
Nitrobenzene-d5
Concen: 78.443 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF120062.D
Acq: 17 Apr 2020 16:36

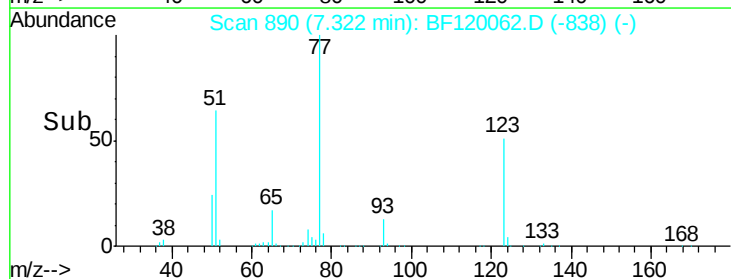
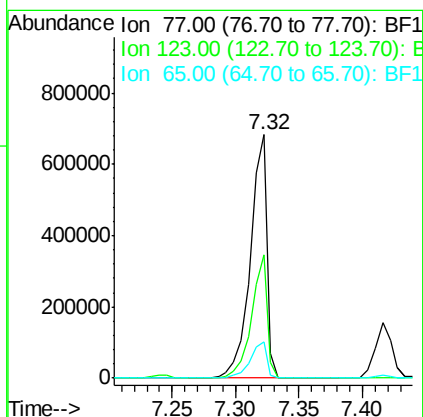
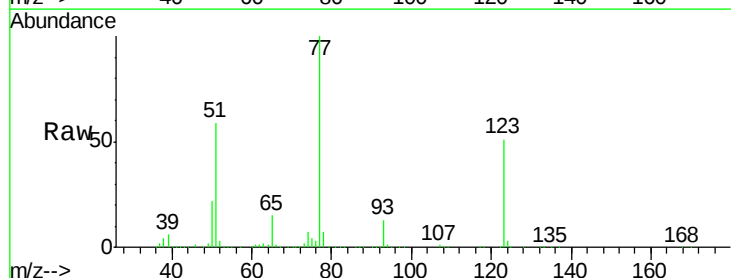
Instrument :
BNA_F
ClientSampleId :
BG-4MSD

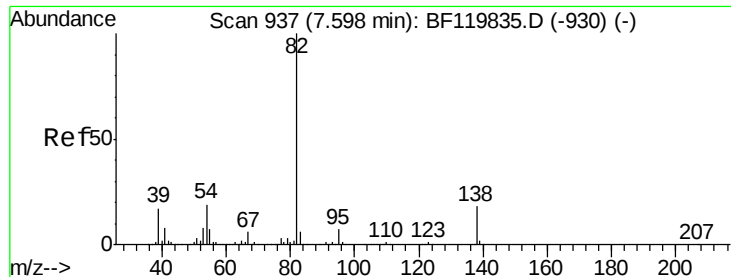
Tot Ion: 82 Resp: 930970
Ion Ratio Lower Upper
82 100
128 44.7 36.2 54.4
54 63.4 50.4 75.6



#24
Nitrobenzene
Concen: 52.211 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.01 min
Lab File: BF120062.D
Acq: 17 Apr 2020 16:36

Tgt Ion: 77 Resp: 623335
Ion Ratio Lower Upper
77 100
123 50.7 37.8 56.8
65 15.0 12.2 18.2





#25

Isophorone

Concen: 51.623 ng

RT: 7.56 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF120062.D

Acq: 17 Apr 2020 16:36

Instrument :

BNA_F

ClientSampleId :

BG-4MSD

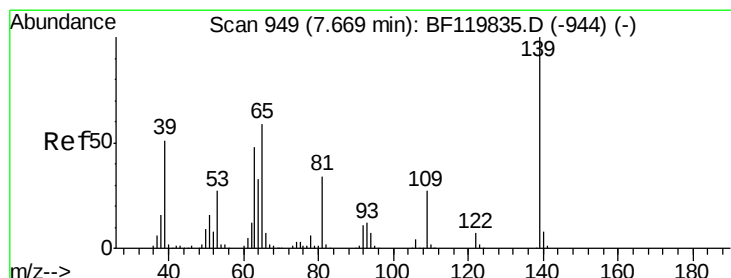
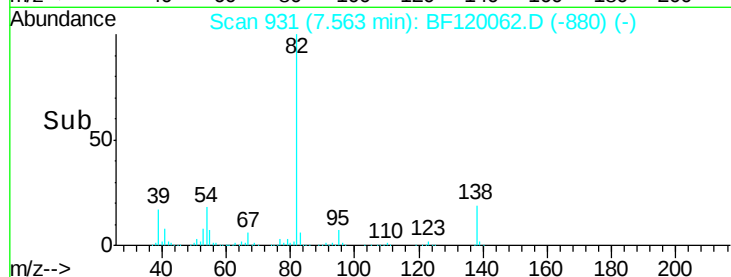
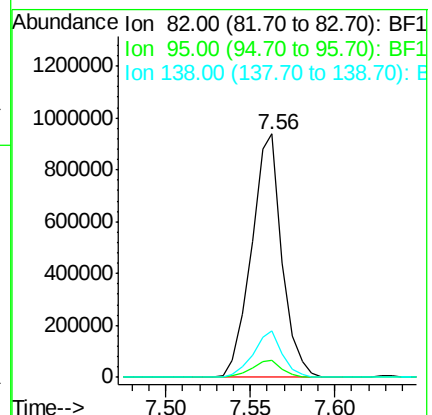
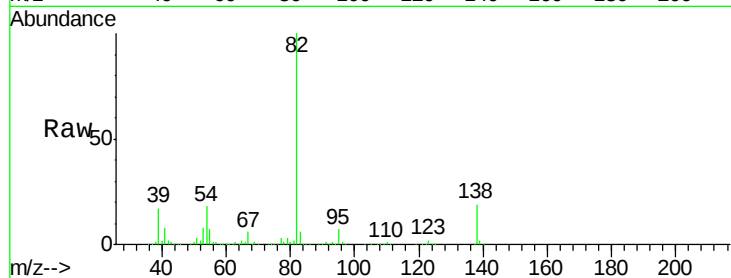
Tot Ion: 82 Resp: 1181030

Ion Ratio Lower Upper

82 100

95 7.1 5.8 8.6

138 19.2 14.5 21.7



#26

2-Nitrophenol

Concen: 55.798 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF120062.D

Acq: 17 Apr 2020 16:36

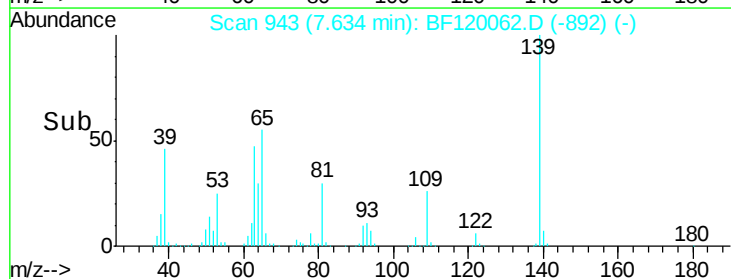
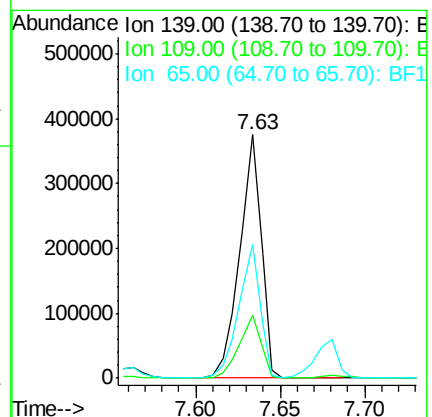
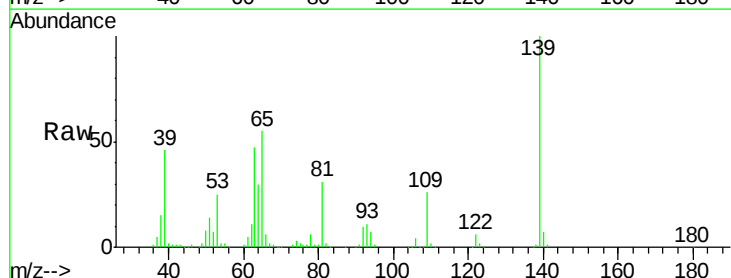
Tgt Ion: 139 Resp: 332818

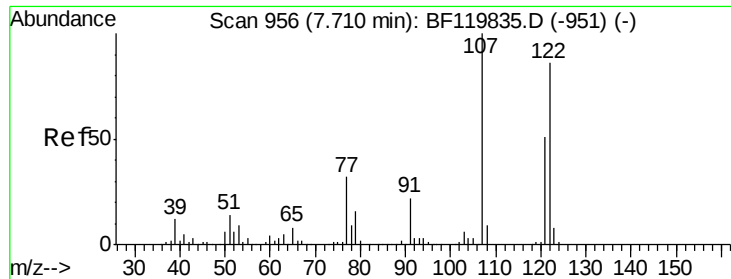
Ion Ratio Lower Upper

139 100

109 25.7 21.8 32.6

65 54.7 47.0 70.4

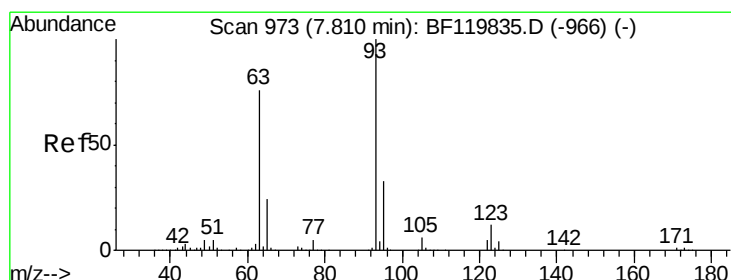
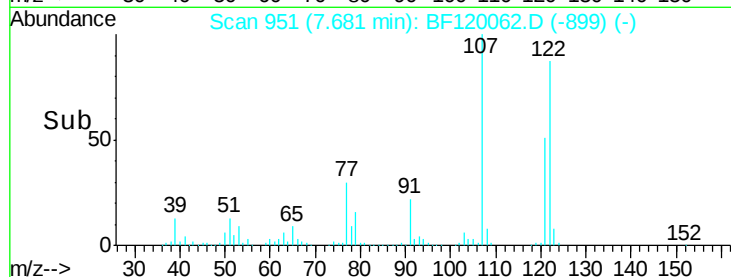
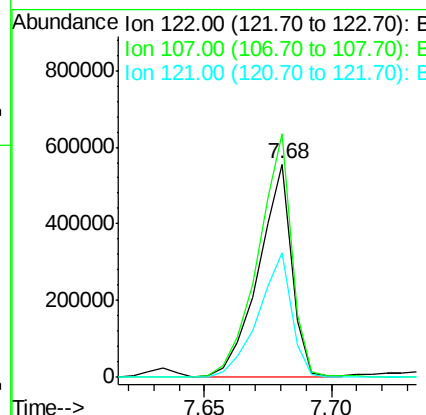
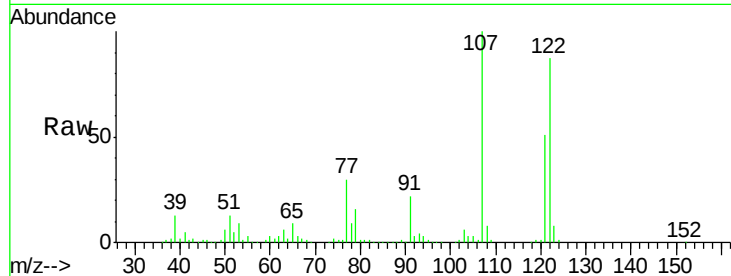




#27
 2,4-Dimethylphenol
 Concen: 56.975 ng
 RT: 7.68 min Scan# 951
 Delta R.T. 0.01 min
 Lab File: BF120062.D
 Acq: 17 Apr 2020 16:36

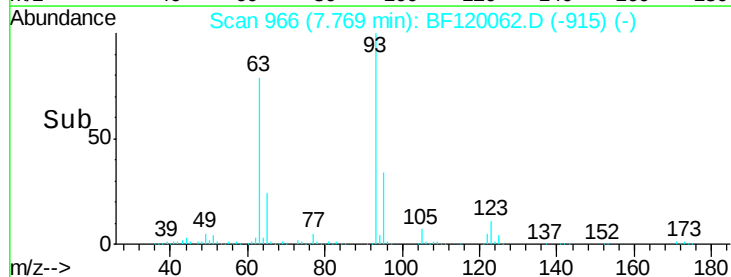
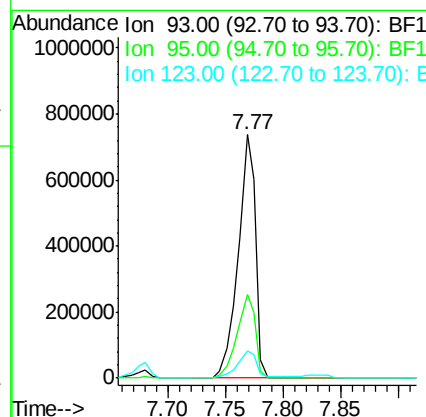
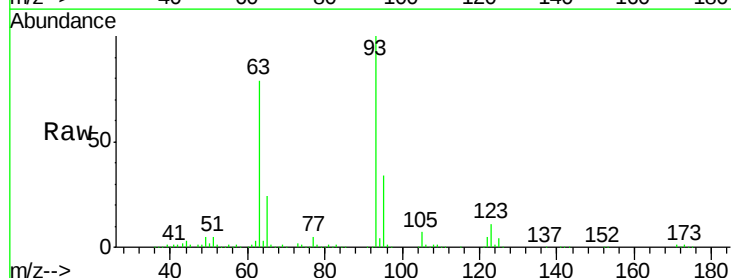
Instrument :
 BNA_F
 ClientSampleId :
 BG-4MSD

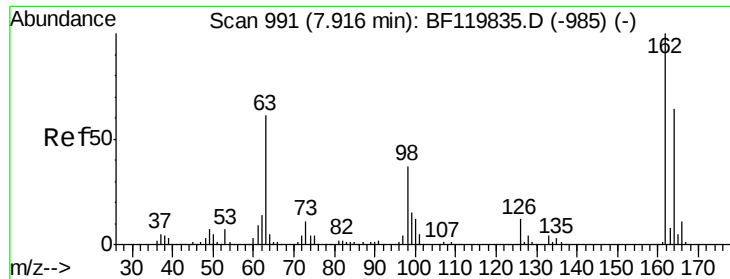
Tot Ion:122 Resp: 512536
 Ion Ratio Lower Upper
 122 100
 107 114.4 92.3 138.5
 121 58.5 46.6 70.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 56.748 ng
 RT: 7.77 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: BF120062.D
 Acq: 17 Apr 2020 16:36

Tgt Ion: 93 Resp: 763970
 Ion Ratio Lower Upper
 93 100
 95 34.5 26.4 39.6
 123 11.3 9.7 14.5

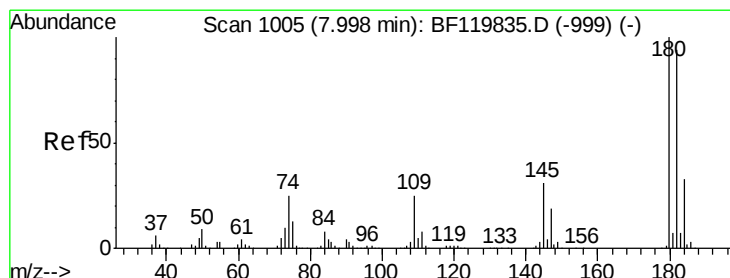
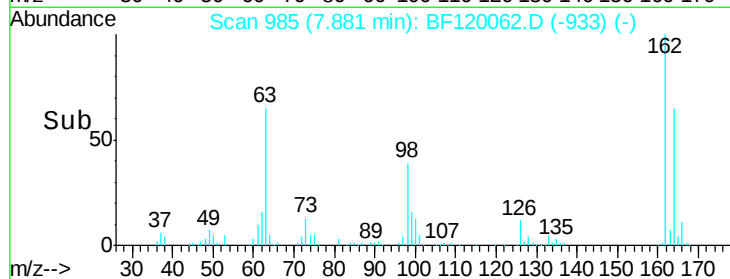
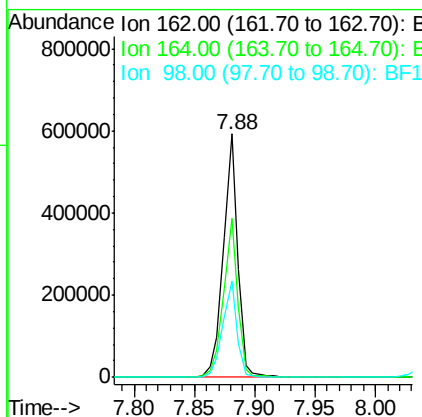
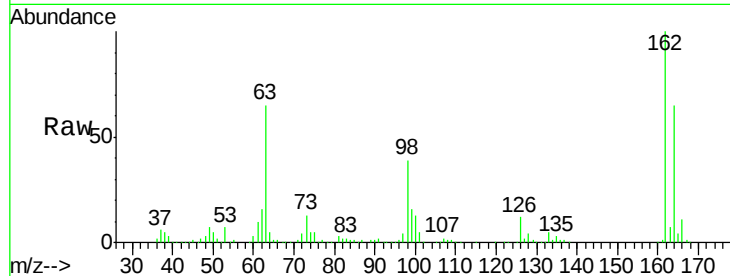




#29
 2,4-Dichlorophenol
 Concen: 53.012 ng
 RT: 7.88 min Scan# 985
 Delta R.T. 0.01 min
 Lab File: BF120062.D
 Acq: 17 Apr 2020 16:36

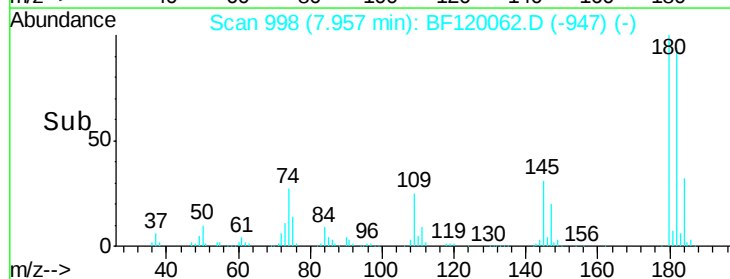
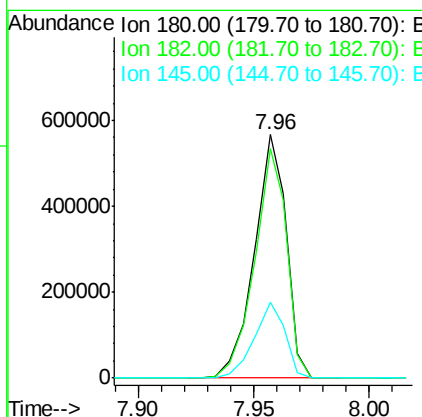
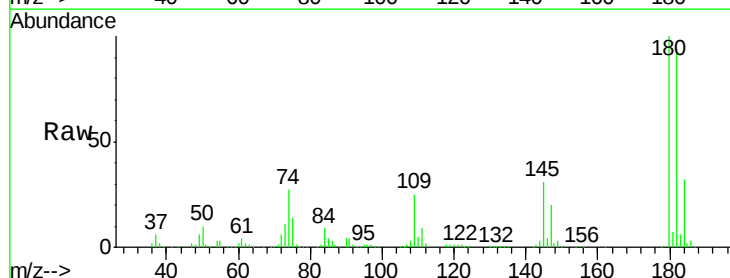
Instrument :
 BNA_F
 ClientSampleId :
 BG-4MSD

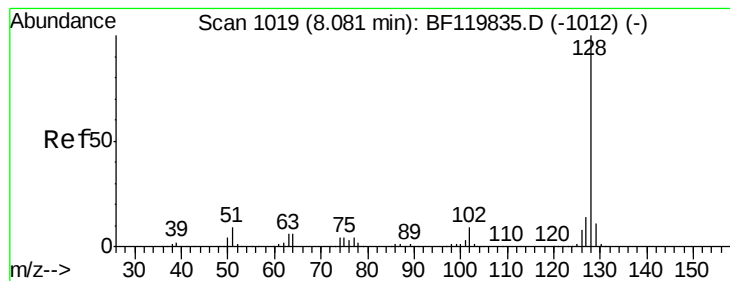
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	44.4	84.4
98	39.4	17.3	57.3



#30
 1,2,4-Trichlorobenzene
 Concen: 52.419 ng
 RT: 7.96 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: BF120062.D
 Acq: 17 Apr 2020 16:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	75.4	113.0
145	31.1	24.6	37.0





#31

Naphthalene

Concen: 51.879 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.00 min

Lab File: BF120062.D

Acq: 17 Apr 2020 16:36

Instrument :

BNA_F

ClientSampleId :

BG-4MSD

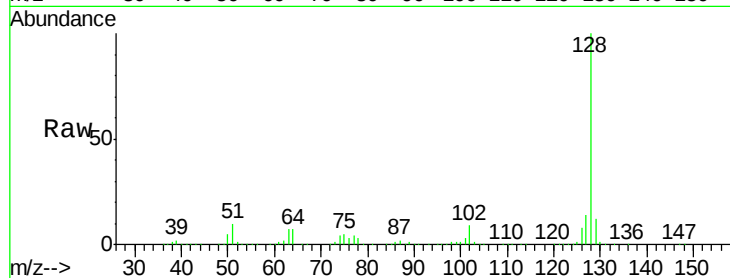
Tot Ion:128 Resp: 1675864

Ion Ratio Lower Upper

128 100

129 11.5 9.0 13.6

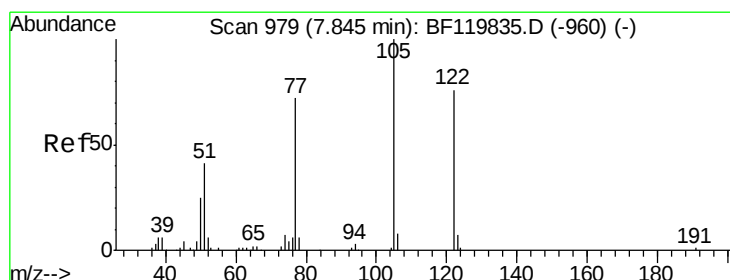
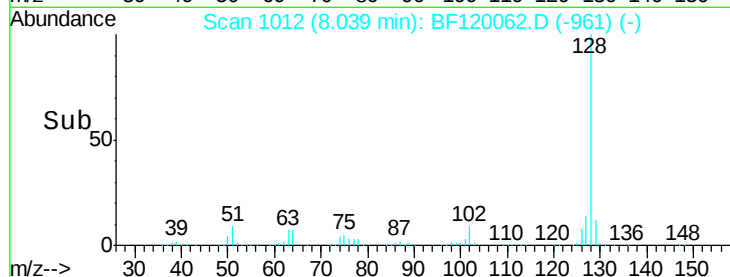
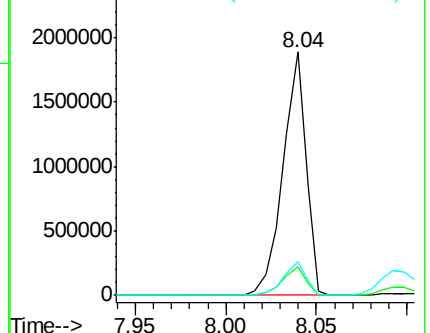
127 13.7 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 52.684 ng

RT: 7.84 min Scan# 978

Delta R.T. 0.02 min

Lab File: BF120062.D

Acq: 17 Apr 2020 16:36

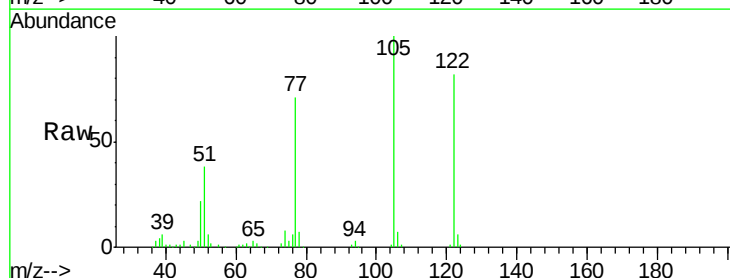
Tgt Ion:122 Resp: 416230

Ion Ratio Lower Upper

122 100

105 121.4 106.7 146.7

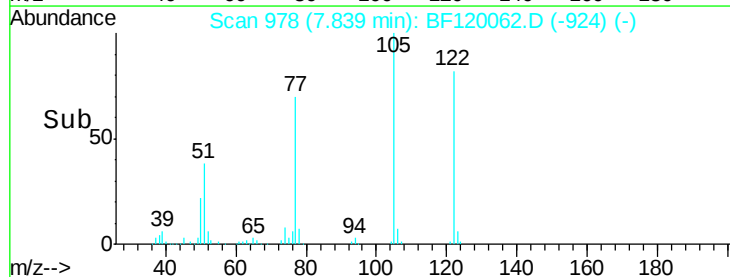
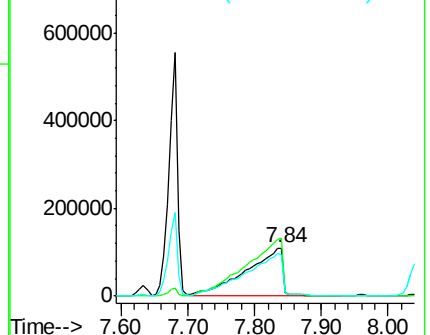
77 86.2 72.1 112.1

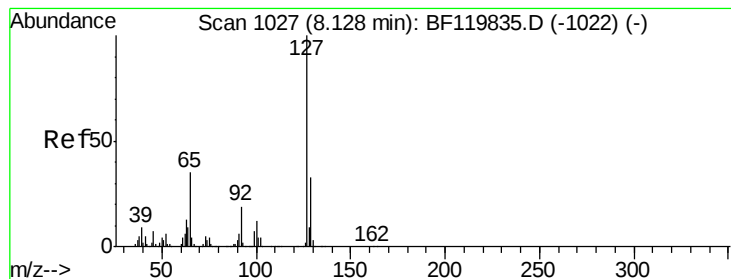


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 20.761 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.01 min

Lab File: BF120062.D

Acq: 17 Apr 2020 16:36

Instrument :

BNA_F

ClientSampleId :

BG-4MSD

Tot Ion:127 Resp: 291955

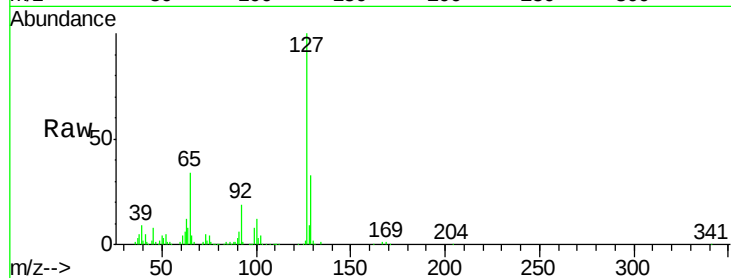
Ion Ratio Lower Upper

127 100

129 33.0 26.2 39.2

65 33.9 28.3 42.5

92 19.0 15.4 23.2

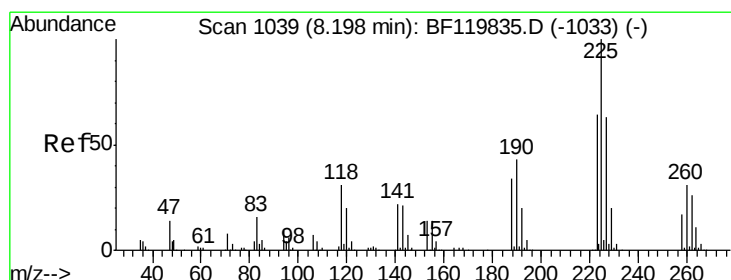
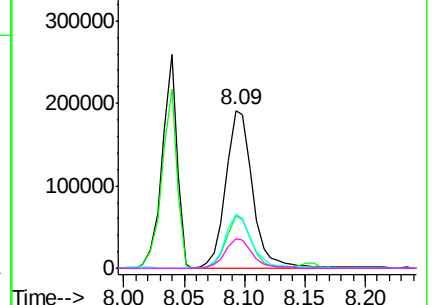
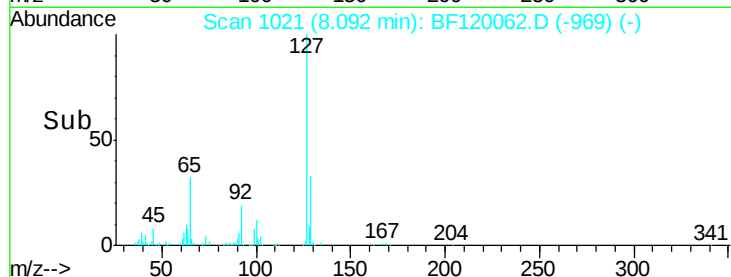


Abundance Ion 127.00 (126.70 to 127.70): E

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



#34

Hexachlorobutadiene

Concen: 50.349 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF120062.D

Acq: 17 Apr 2020 16:36

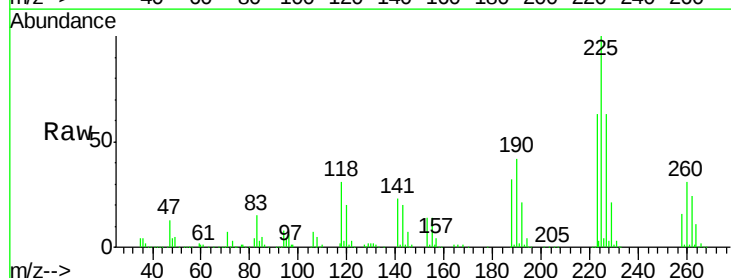
Tgt Ion:225 Resp: 314897

Ion Ratio Lower Upper

225 100

223 62.7 51.0 76.6

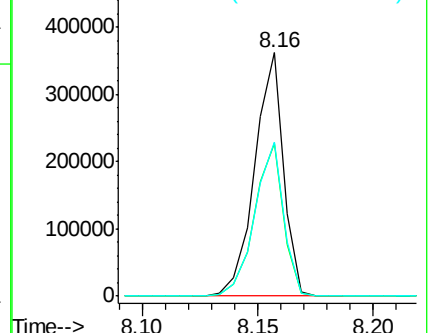
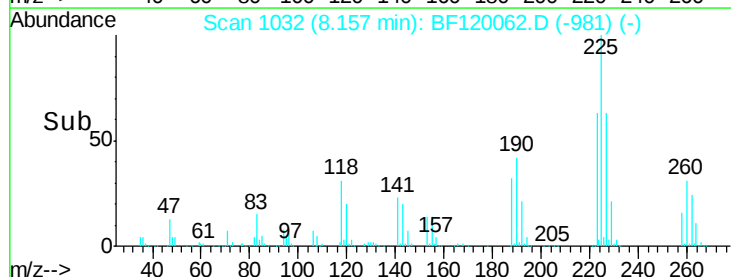
227 63.3 50.4 75.6



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

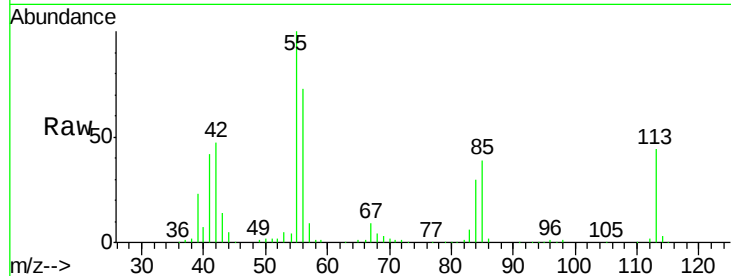




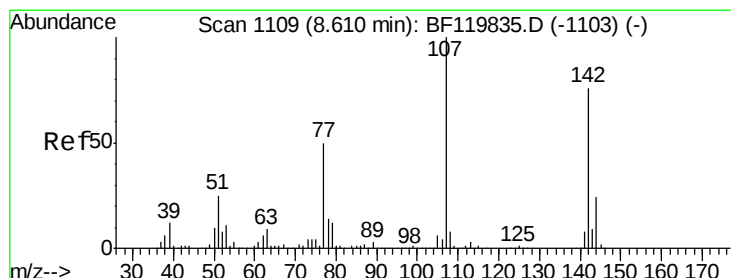
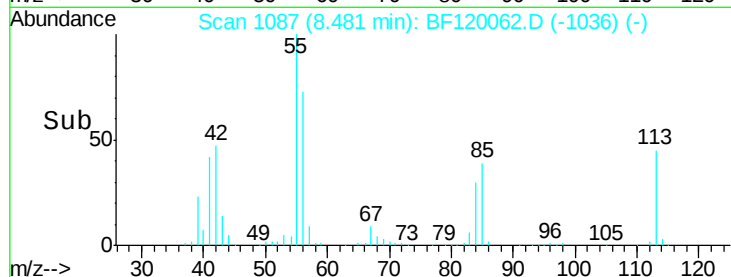
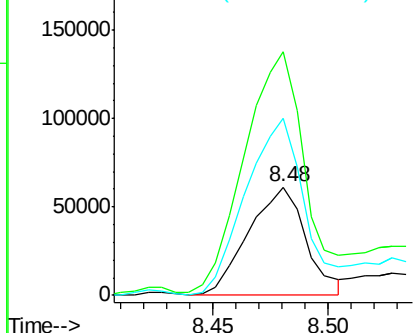
#35
 Caprolactam
 Concen: 37.734 ng
 RT: 8.48 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: BF120062.D
 Acq: 17 Apr 2020 16:36

Instrument :
 BNA_F
 ClientSampleId :
 BG-4MSD

Tot Ion:113 Resp: 106435
 Ion Ratio Lower Upper
 113 100
 55 224.9 192.7 232.7
 56 163.7 133.3 173.3

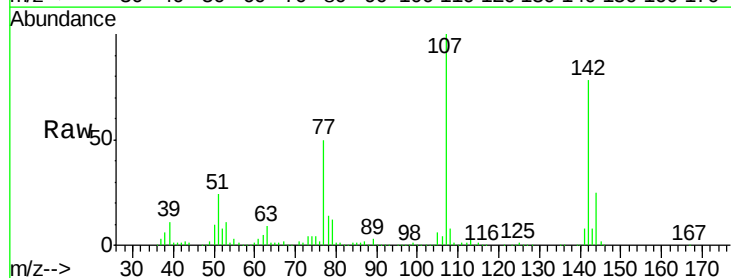


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

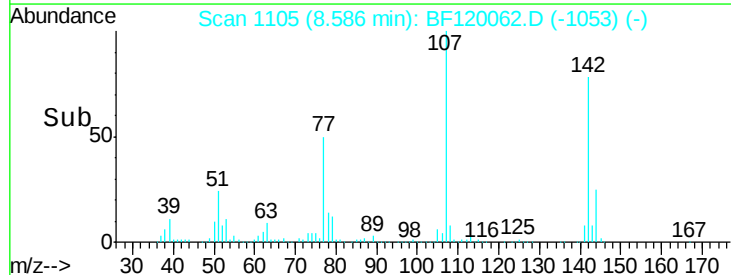
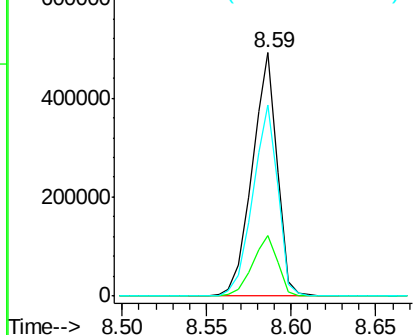


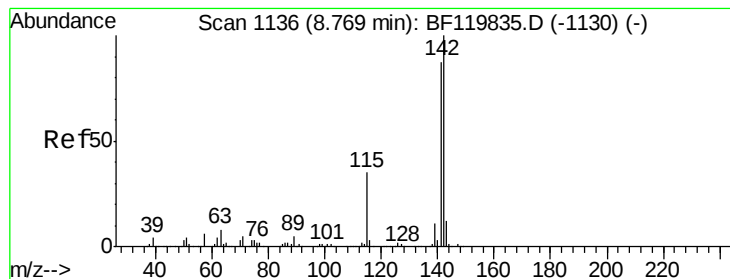
#36
 4-Chloro-3-methylphenol
 Concen: 50.660 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. 0.01 min
 Lab File: BF120062.D
 Acq: 17 Apr 2020 16:36

Tgt Ion:107 Resp: 505747
 Ion Ratio Lower Upper
 107 100
 144 25.1 19.5 29.3
 142 78.3 60.5 90.7



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 50.218 ng

RT: 8.73 min Scan# 1130

Delta R.T. 0.01 min

Lab File: BF120062.D

Acq: 17 Apr 2020 16:36

Instrument :

BNA_F

ClientSampleId :

BG-4MSD

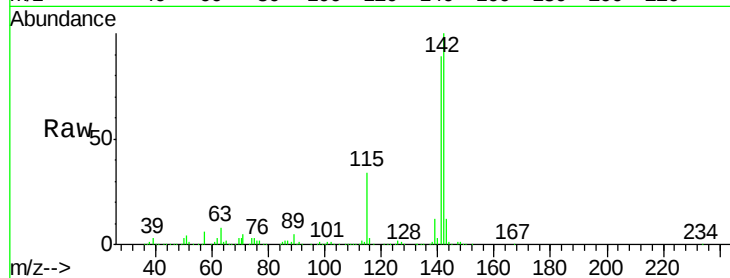
Tot Ion:142 Resp: 1099805

Ion Ratio Lower Upper

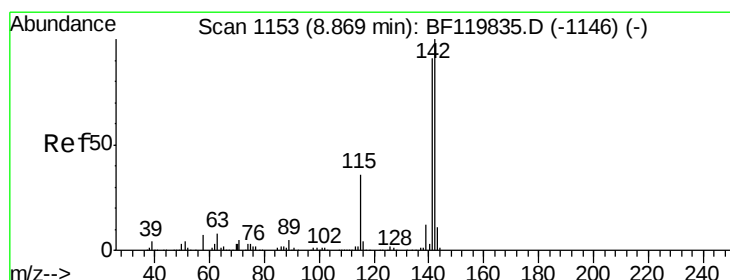
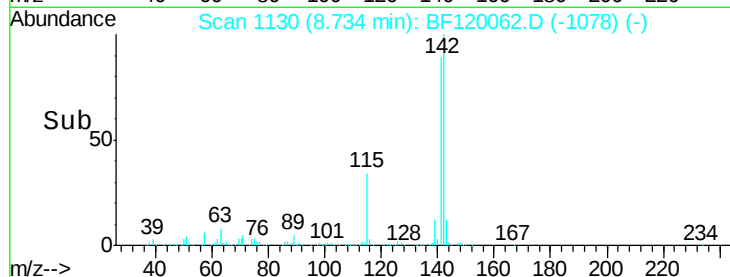
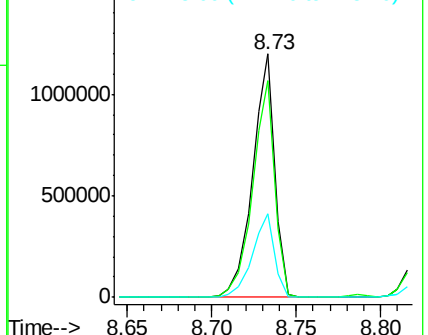
142 100

141 88.9 69.9 104.9

115 34.4 28.0 42.0



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 50.056 ng

RT: 8.83 min Scan# 1147

Delta R.T. 0.01 min

Lab File: BF120062.D

Acq: 17 Apr 2020 16:36

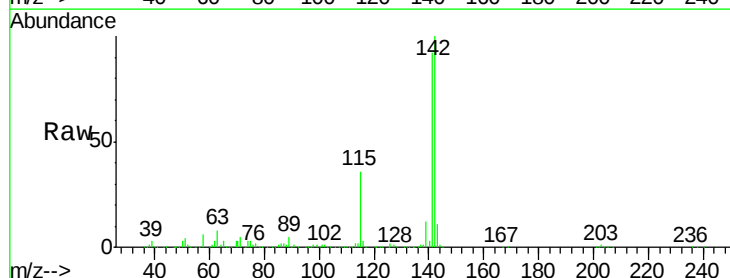
Tgt Ion:142 Resp: 1033266

Ion Ratio Lower Upper

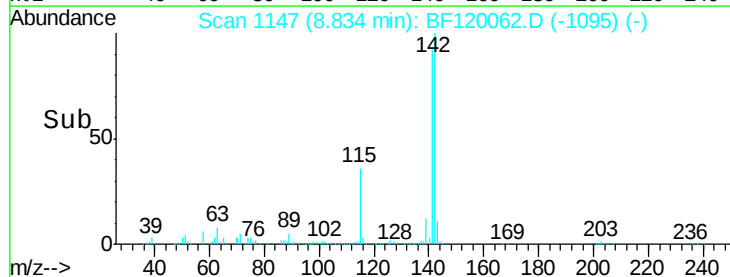
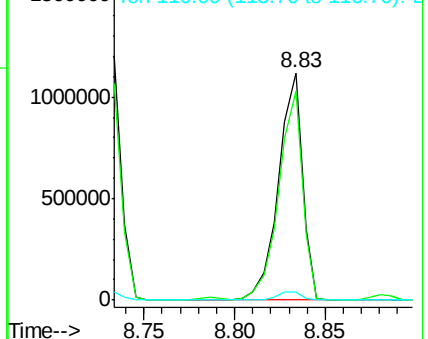
142 100

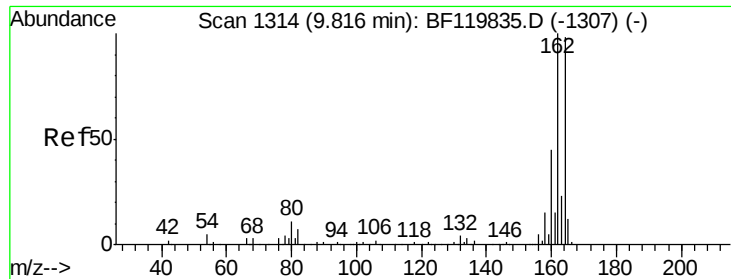
141 91.6 72.9 109.3

116 3.5 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

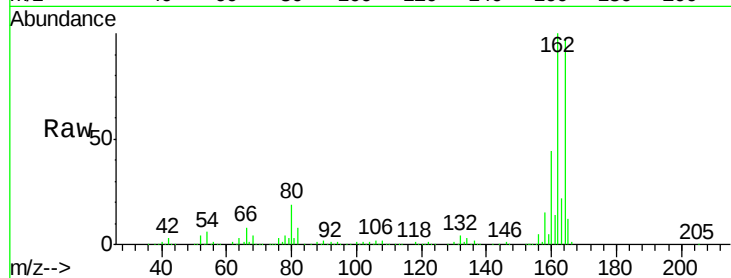




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF120062.D
Acq: 17 Apr 2020 16:36

Instrument :
BNA_F
ClientSampleId :
BG-4MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.9	81.9	122.9
160	45.8	36.6	54.8

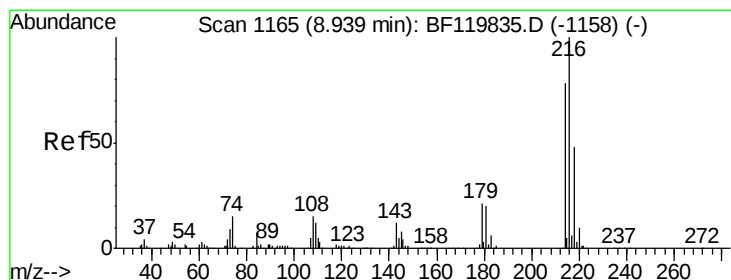
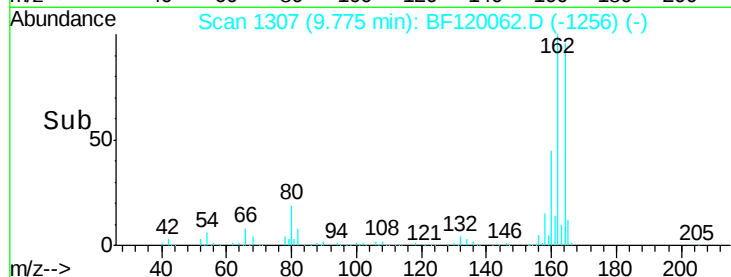
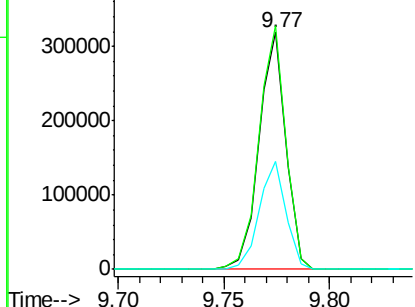


Abundance

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: 55.357 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BF120062.D
Acq: 17 Apr 2020 16:36

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.1	94.7
179	21.3	17.0	25.4
108	18.1	14.8	22.2

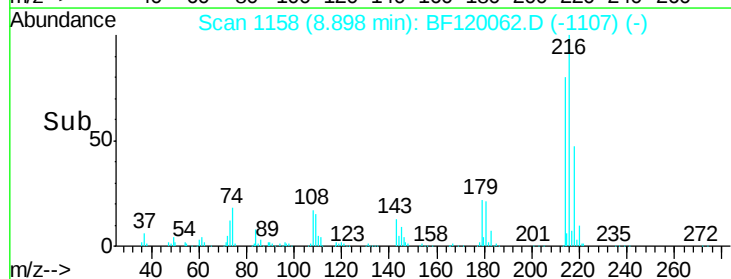
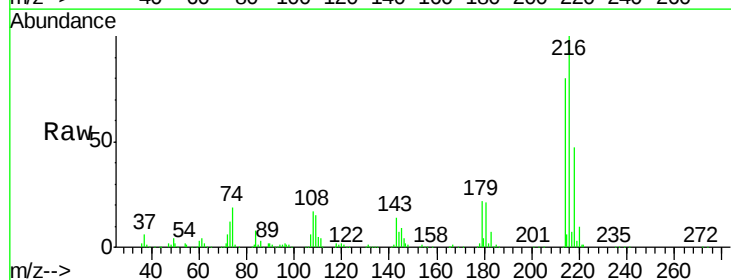
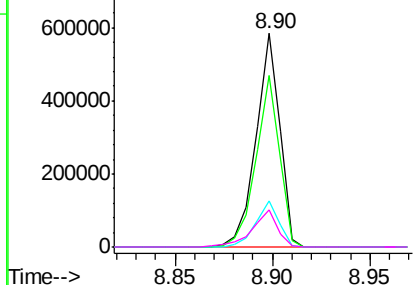
Abundance

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: 40.914 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF120062.D

Acq: 17 Apr 2020 16:36

Instrument :

BNA_F

ClientSampled :

BG-4MSD

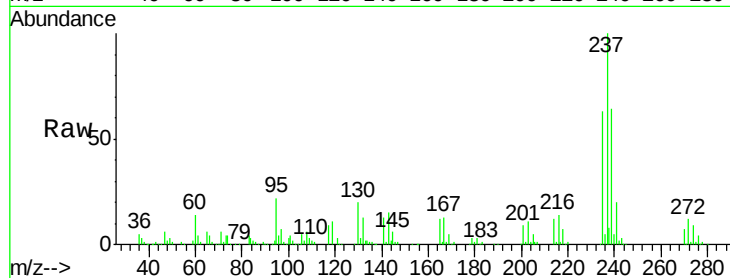
Tot Ion:237 Resp: 206753

Ion Ratio Lower Upper

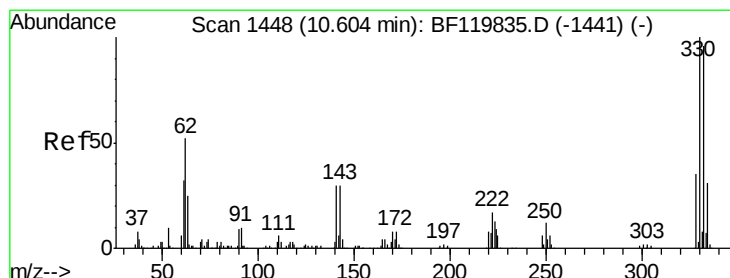
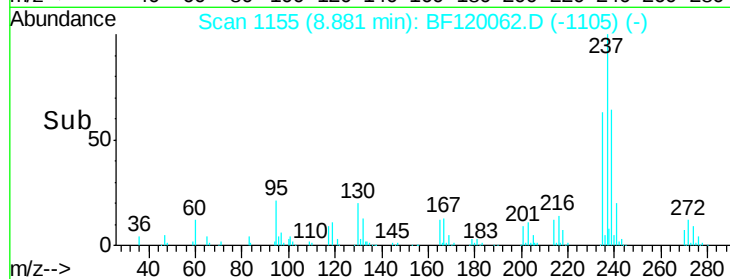
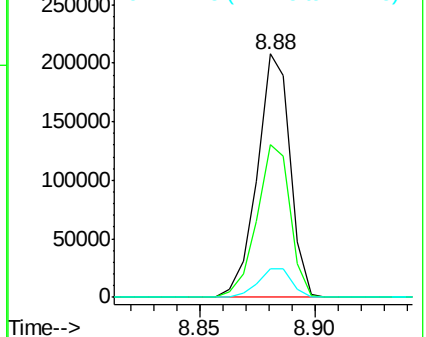
237 100

235 63.0 44.9 84.9

272 11.8 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: 90.346 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BF120062.D

Acq: 17 Apr 2020 16:36

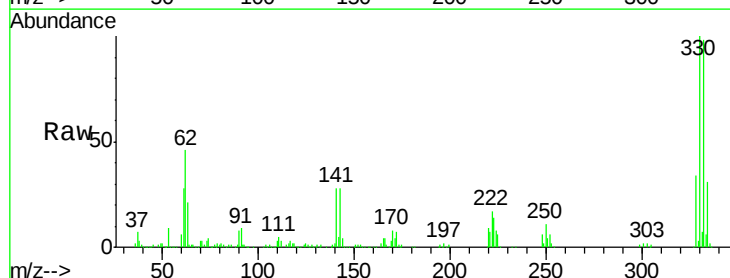
Tgt Ion:330 Resp: 311234

Ion Ratio Lower Upper

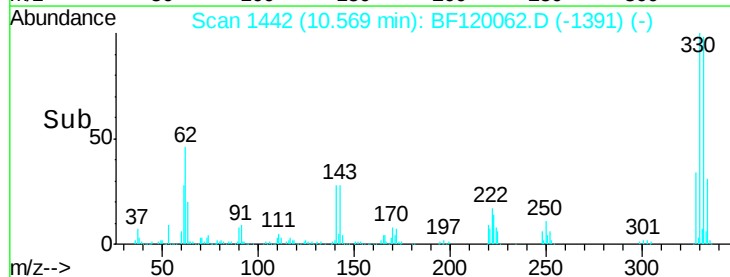
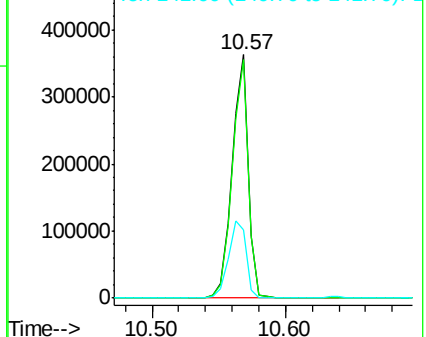
330 100

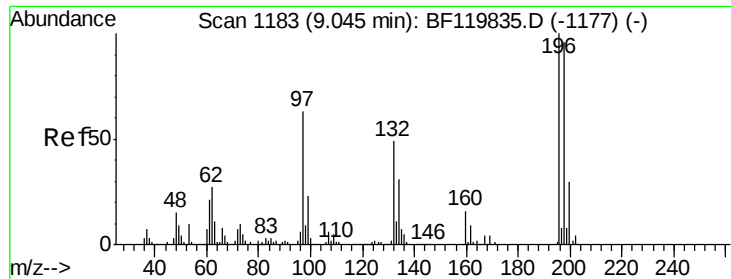
332 97.7 76.8 115.2

141 34.7 25.1 37.7



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

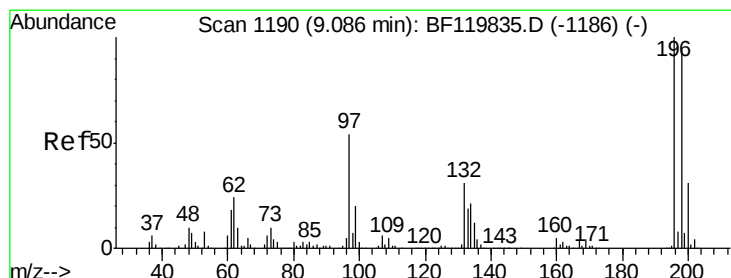
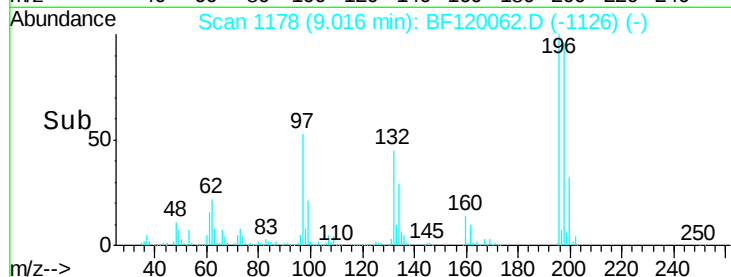
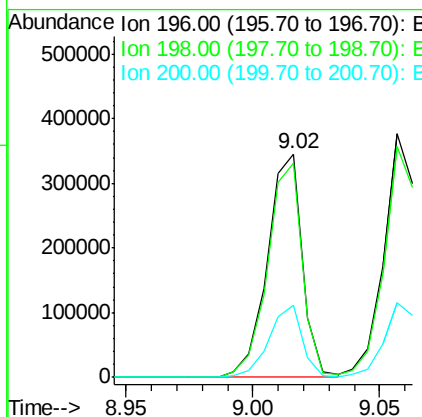
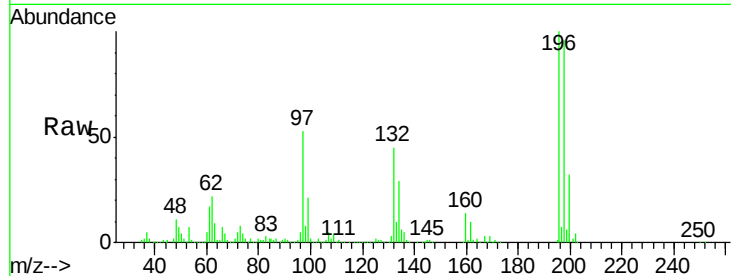




#43
 2,4,6-Trichlorophenol
 Concen: 54.512 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BF120062.D
 Acq: 17 Apr 2020 16:36

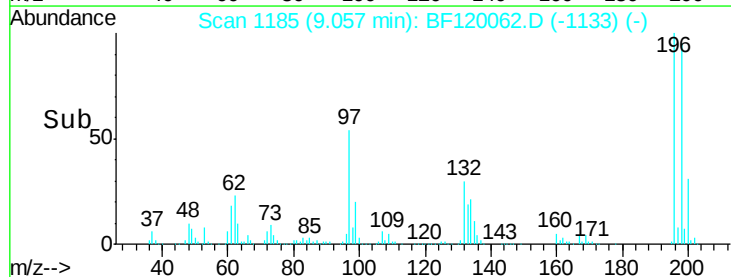
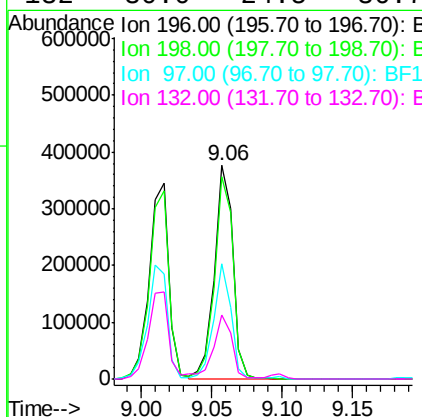
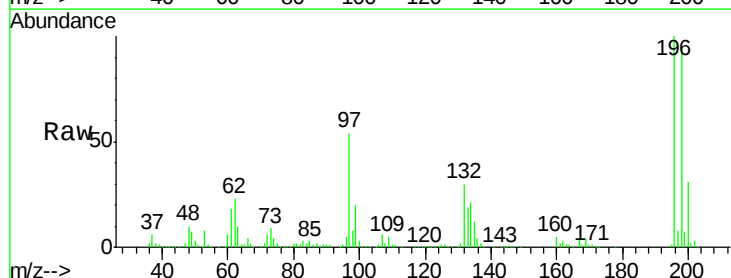
Instrument :
 BNA_F
 ClientSampleId :
 BG-4MSD

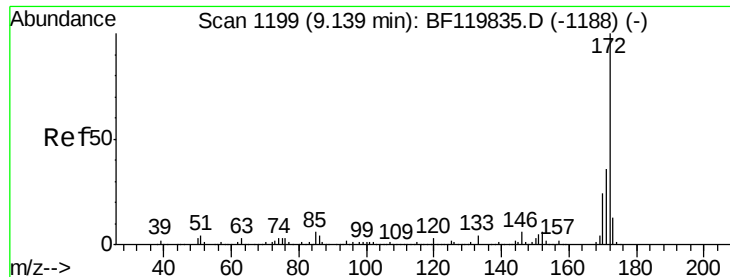
Tot Ion:196 Resp: 334524
 Ion Ratio Lower Upper
 196 100
 198 96.0 76.6 115.0
 200 32.3 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 49.819 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF120062.D
 Acq: 17 Apr 2020 16:36

Tgt Ion:196 Resp: 344339
 Ion Ratio Lower Upper
 196 100
 198 94.8 75.1 112.7
 97 53.9 43.4 65.2
 132 30.0 24.5 36.7

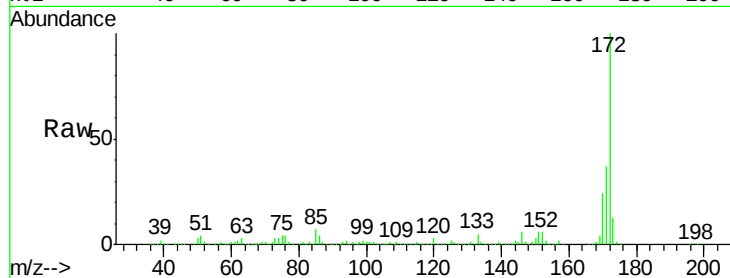




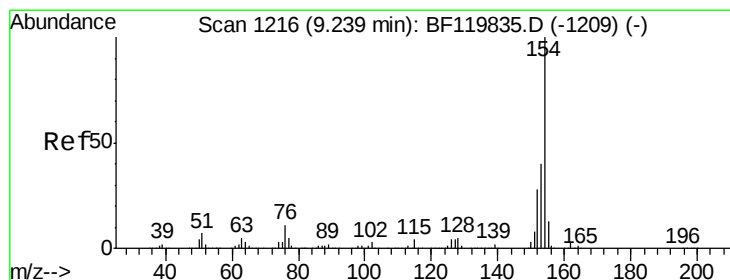
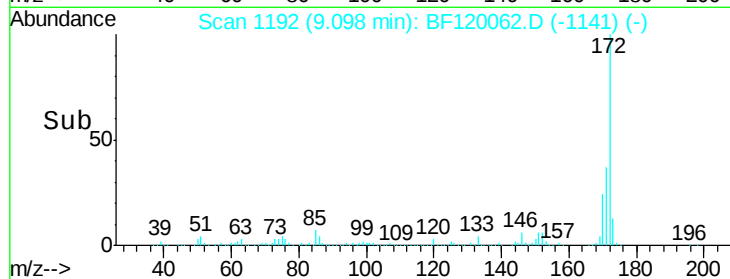
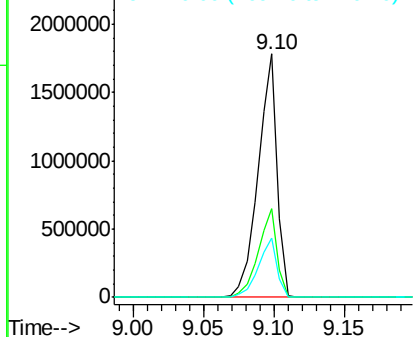
#45
2-Fluorobiphenyl
Concen: 85.438 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF120062.D
Acq: 17 Apr 2020 16:36

Instrument :
BNA_F
ClientSampleId :
BG-4MSD

Tot Ion:172 Resp: 1693188
Ion Ratio Lower Upper
172 100
171 36.6 28.9 43.3
170 24.3 19.4 29.2

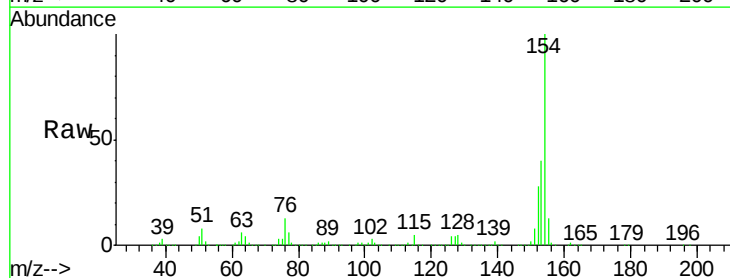


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

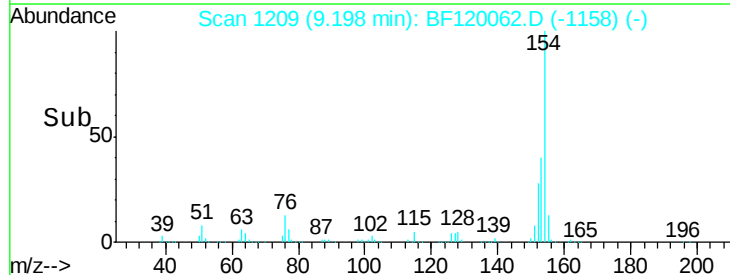
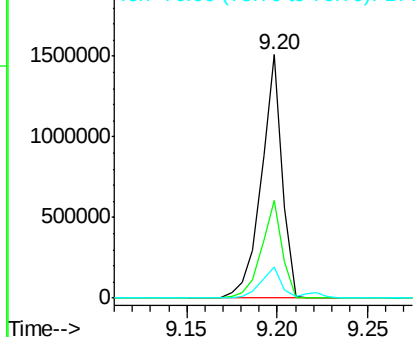


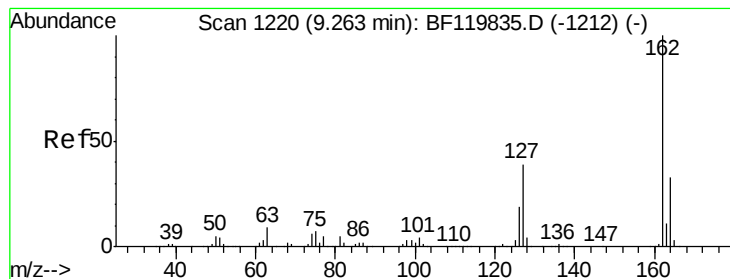
#46
1,1'-Biphenyl
Concen: 50.484 ng
RT: 9.20 min Scan# 1209
Delta R.T. 0.00 min
Lab File: BF120062.D
Acq: 17 Apr 2020 16:36

Tgt Ion:154 Resp: 1198939
Ion Ratio Lower Upper
154 100
153 40.3 20.5 60.5
76 12.8 0.0 30.6



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





#47

2-Chloronaphthalene

Concen: 53.110 ng

RT: 9.22 min Scan# 1213

Delta R.T. 0.00 min

Lab File: BF120062.D

Acq: 17 Apr 2020 16:36

Instrument :

BNA_F

ClientSampled :

BG-4MSD

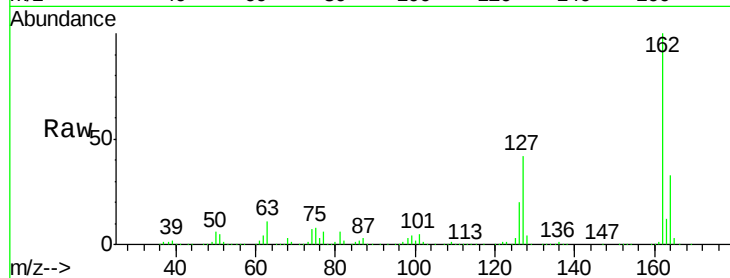
Tot Ion:162 Resp: 971654

Ion Ratio Lower Upper

162 100

127 41.9 31.2 46.8

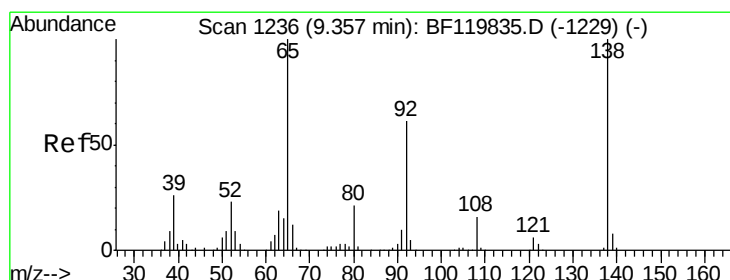
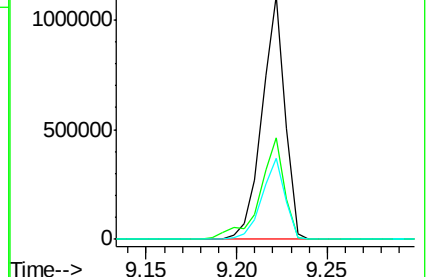
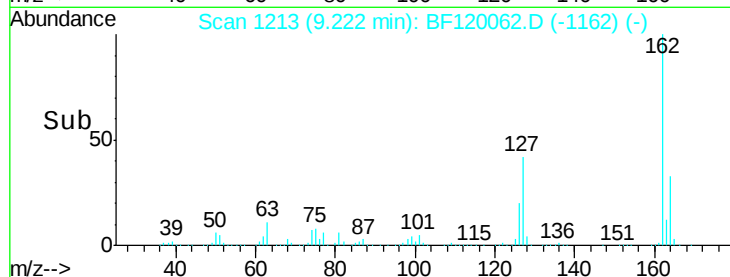
164 33.1 26.3 39.5



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: 49.216 ng

RT: 9.32 min Scan# 1230

Delta R.T. 0.00 min

Lab File: BF120062.D

Acq: 17 Apr 2020 16:36

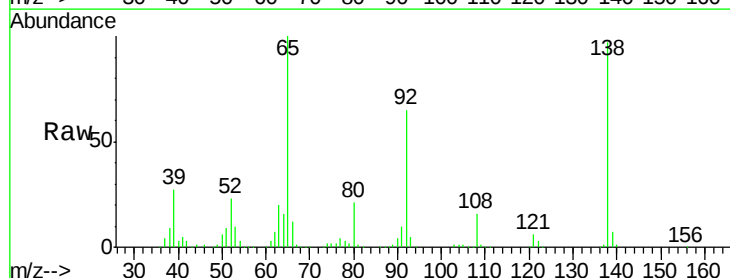
Tgt Ion: 65 Resp: 326294

Ion Ratio Lower Upper

65 100

92 64.5 49.0 73.6

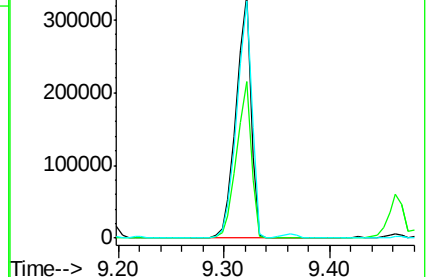
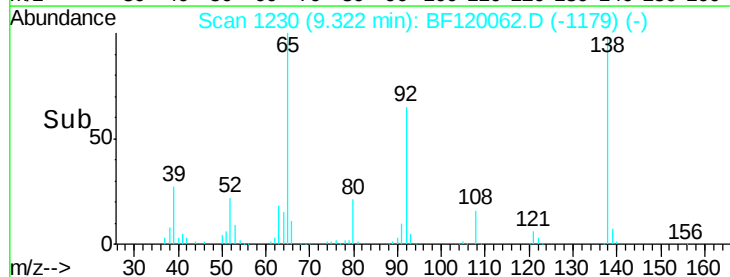
138 97.4 79.7 119.5

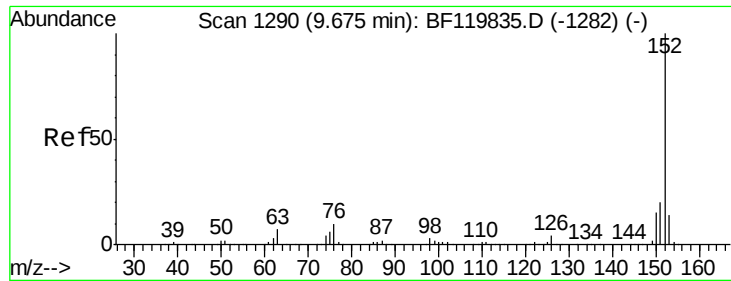


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 54.280 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BF120062.D

Acq: 17 Apr 2020 16:36

Instrument :

BNA_F

ClientSampleId :

BG-4MSD

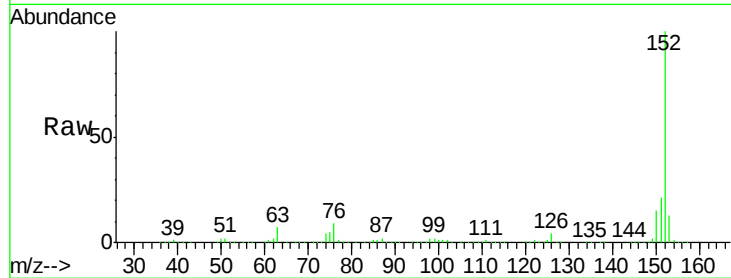
Tot Ion:152 Resp: 1510243

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.4

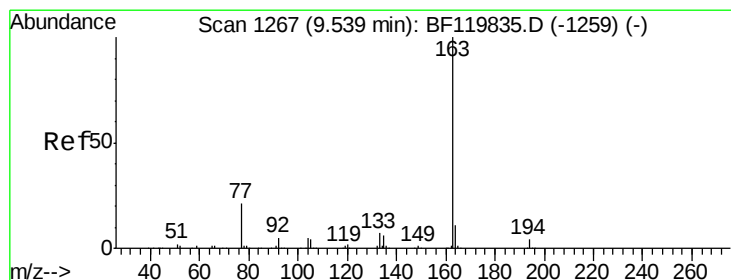
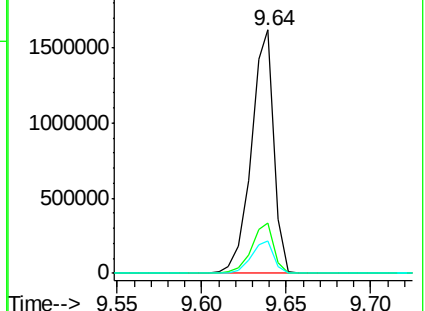
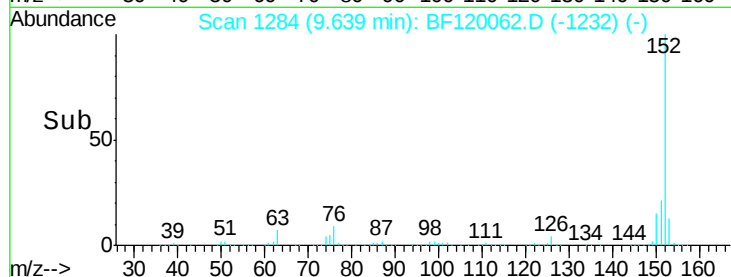
153 13.3 10.9 16.3



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: 68.282 ng

RT: 9.51 min Scan# 1262

Delta R.T. 0.01 min

Lab File: BF120062.D

Acq: 17 Apr 2020 16:36

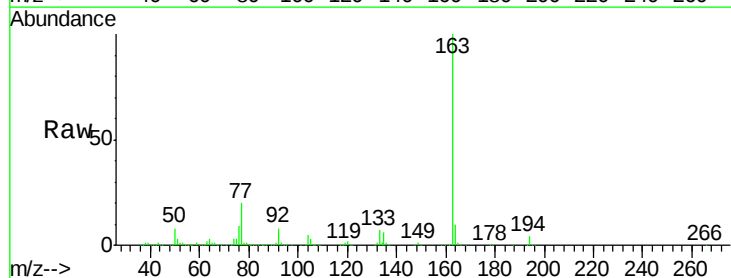
Tgt Ion:163 Resp: 1486054

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.4

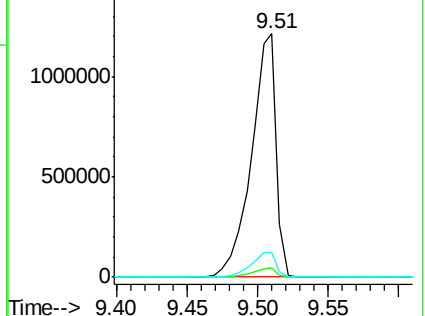
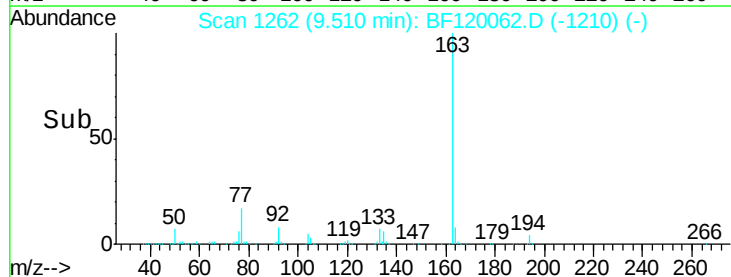
164 10.1 8.4 12.6

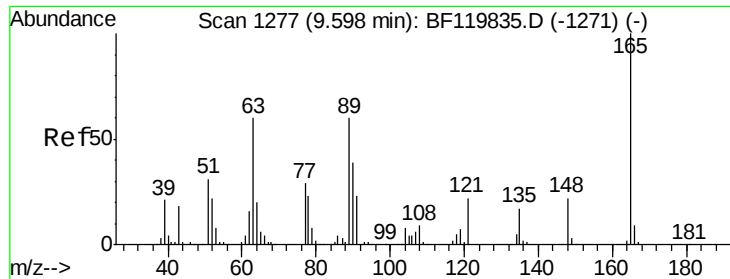


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 53.637 ng

RT: 9.57 min Scan# 1272

Delta R.T. 0.00 min

Lab File: BF120062.D

Acq: 17 Apr 2020 16:36

Instrument :

BNA_F

ClientSampleId :

BG-4MSD

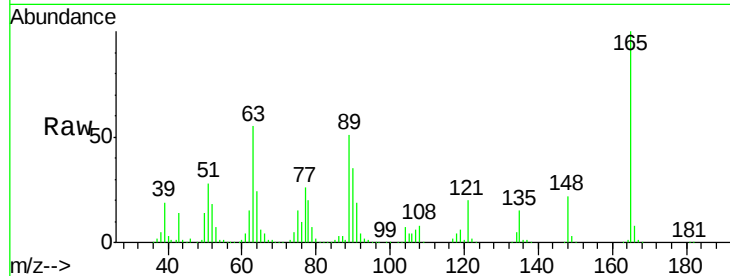
Tot Ion:165 Resp: 255626

Ion Ratio Lower Upper

165 100

63 55.5 55.6 83.4#

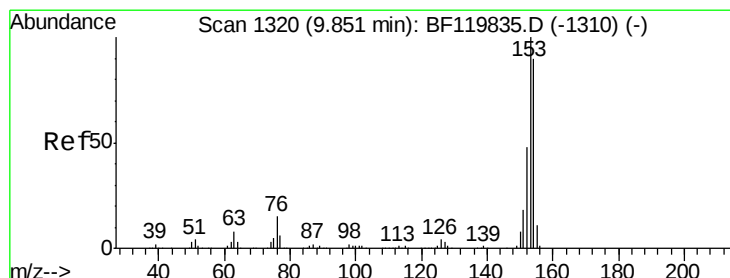
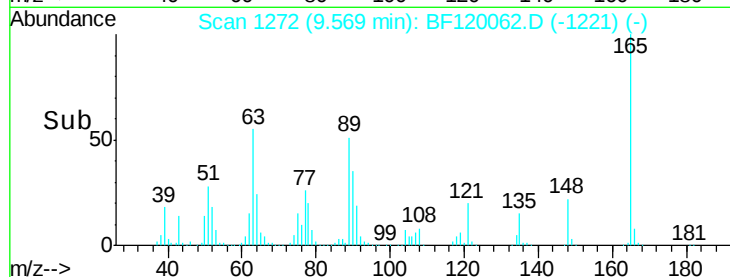
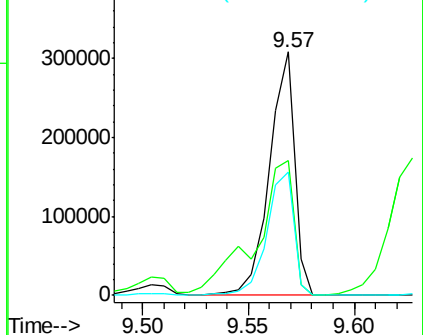
89 50.6 47.9 71.9



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: 48.593 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BF120062.D

Acq: 17 Apr 2020 16:36

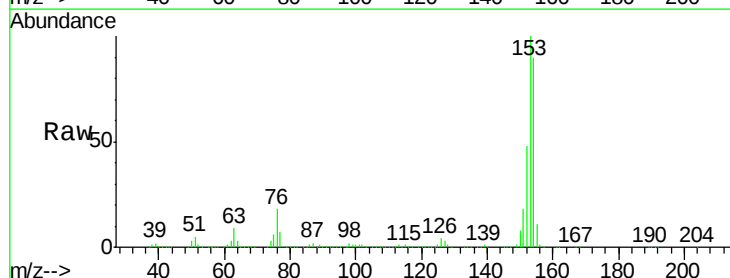
Tgt Ion:154 Resp: 901888

Ion Ratio Lower Upper

154 100

153 111.5 88.8 133.2

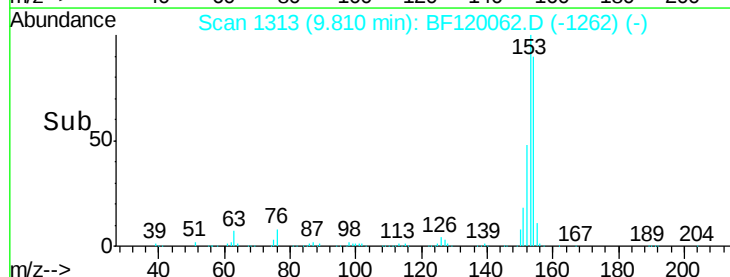
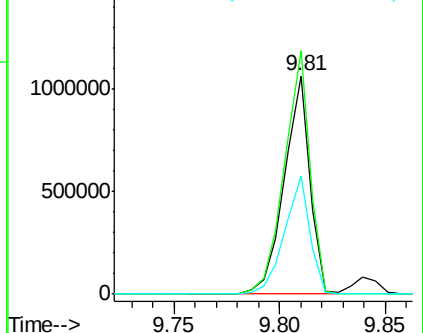
152 54.0 42.4 63.6

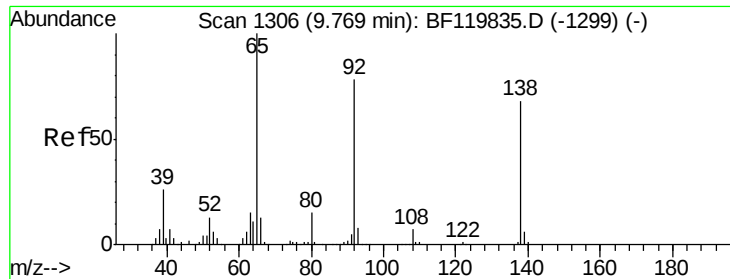


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

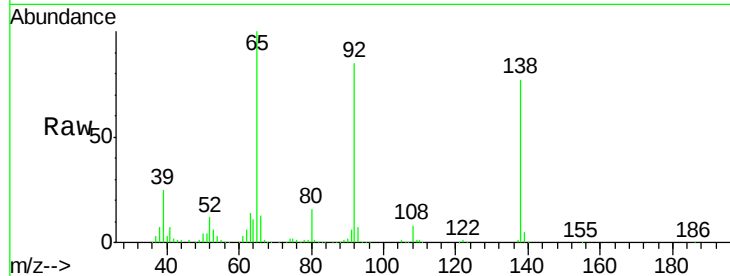




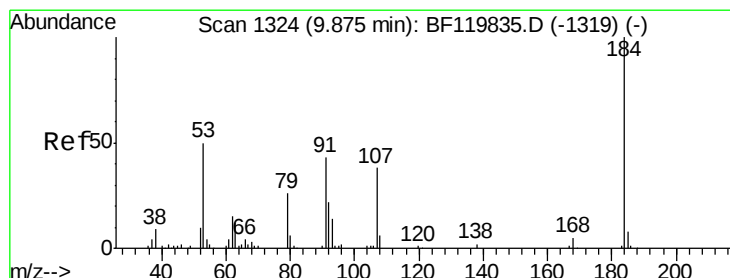
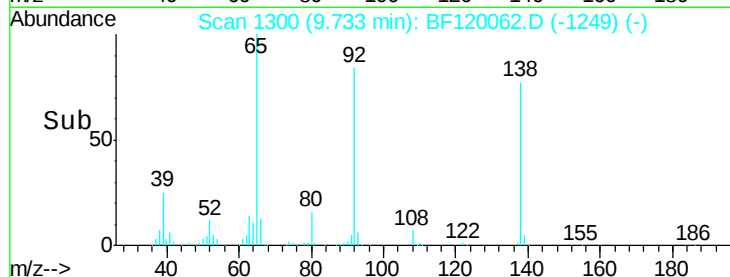
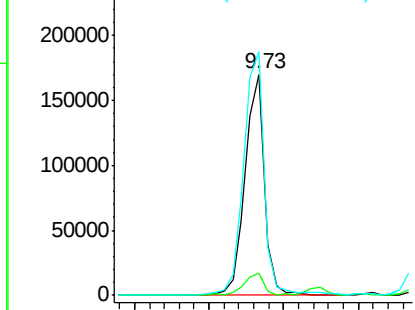
#53
3-Nitroaniline
Concen: 28.242 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF120062.D
Acq: 17 Apr 2020 16:36

Instrument :
BNA_F
ClientSampleId :
BG-4MSD

Tot Ion:138 Resp: 153725
Ion Ratio Lower Upper
138 100
108 10.0 8.0 12.0
92 110.3 92.1 138.1

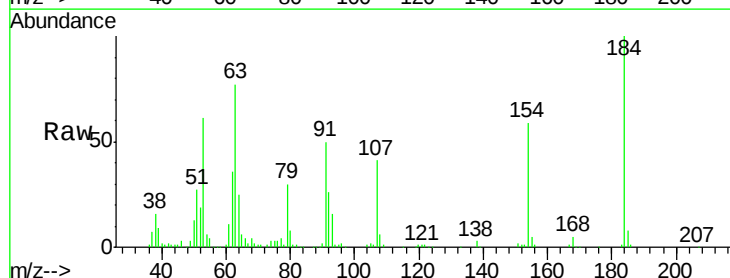


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

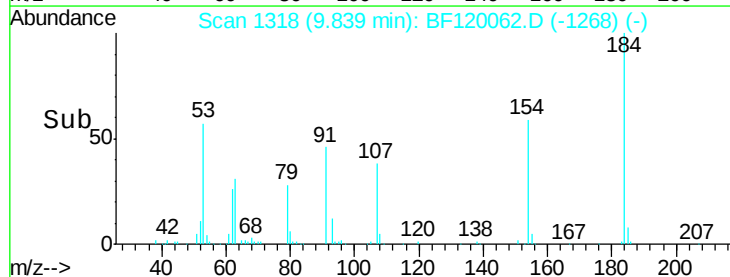
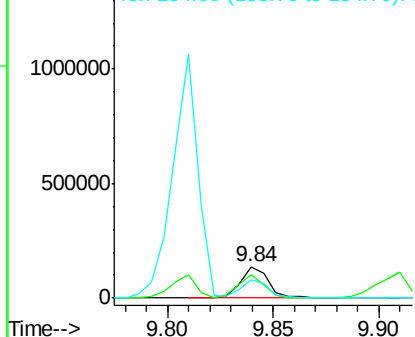


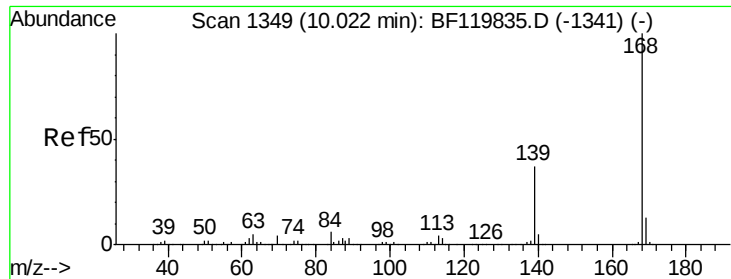
#54
2,4-Dinitrophenol
Concen: 43.761 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF120062.D
Acq: 17 Apr 2020 16:36

Tgt Ion:184 Resp: 124864
Ion Ratio Lower Upper
184 100
63 76.6 49.8 74.6#
154 58.9 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

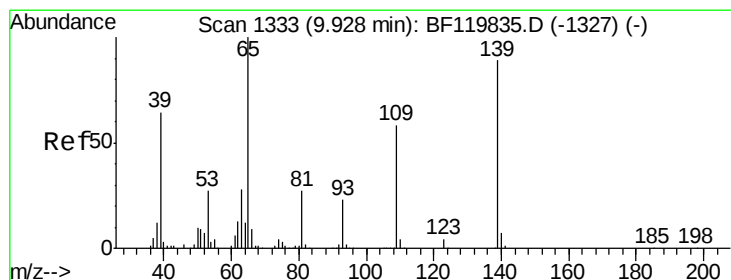
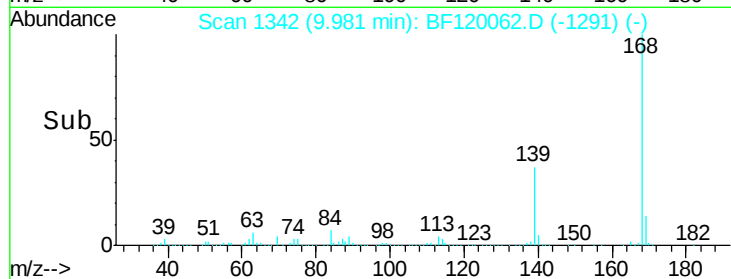
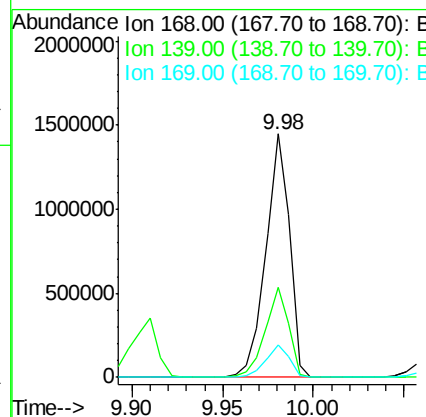
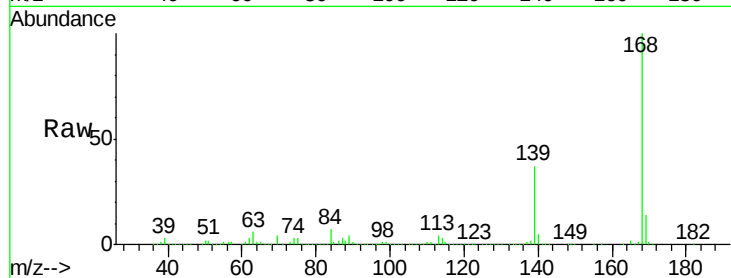




#55
Dibenzofuran
Concen: 51.749 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF120062.D
Acq: 17 Apr 2020 16:36

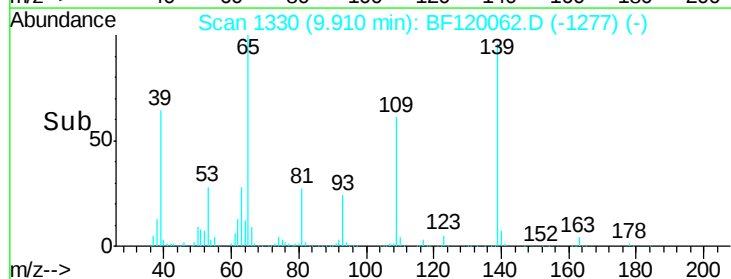
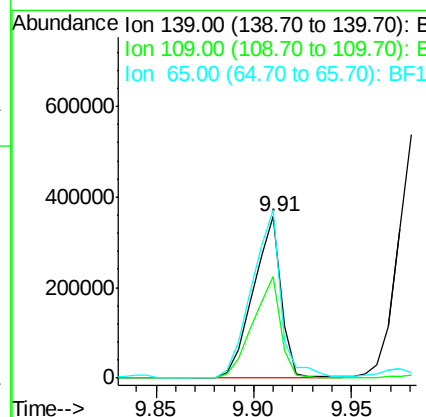
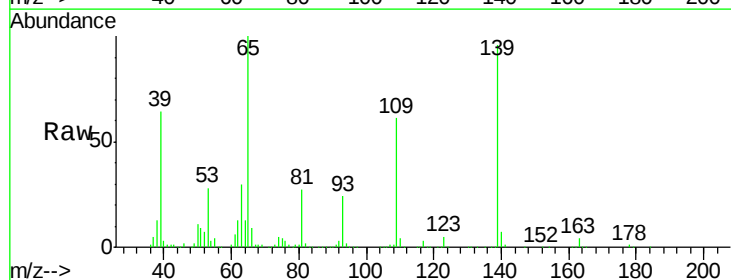
Instrument :
BNA_F
ClientSampleId :
BG-4MSD

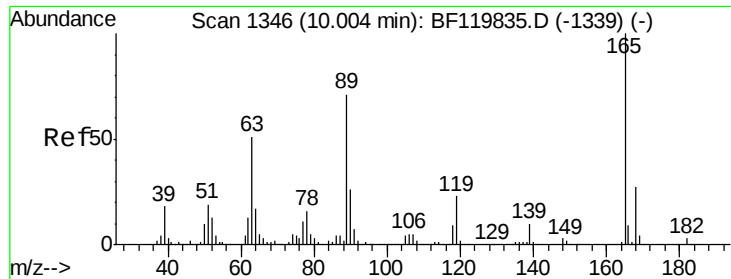
Tot Ion:168 Resp: 1317986
Ion Ratio Lower Upper
168 100
139 37.1 29.8 44.6
169 13.6 10.6 15.8



#56
4-Nitrophenol
Concen: 87.941 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF120062.D
Acq: 17 Apr 2020 16:36

Tgt Ion:139 Resp: 356154
Ion Ratio Lower Upper
139 100
109 63.3 45.5 85.5
65 104.2 92.3 132.3

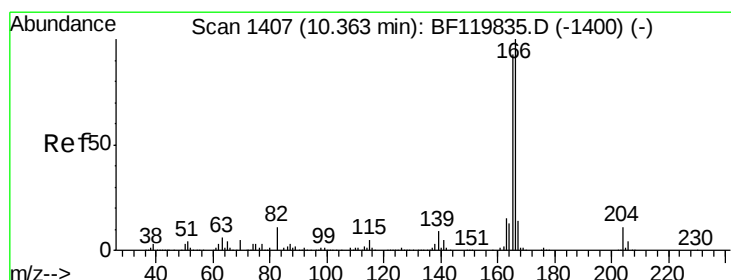
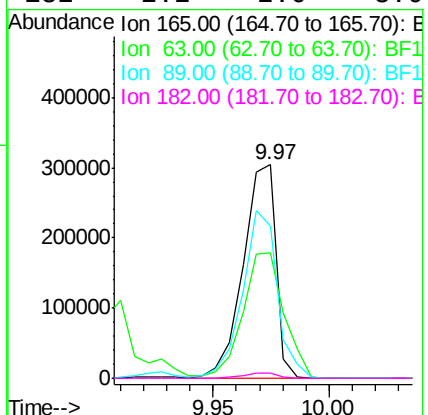
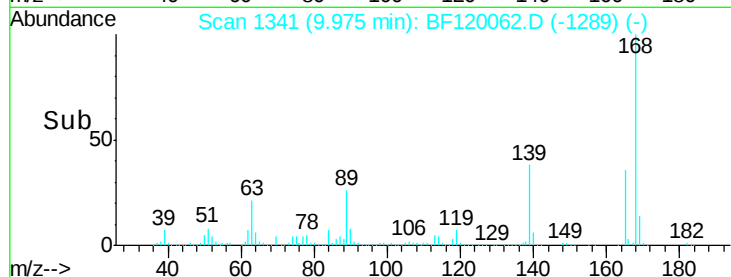
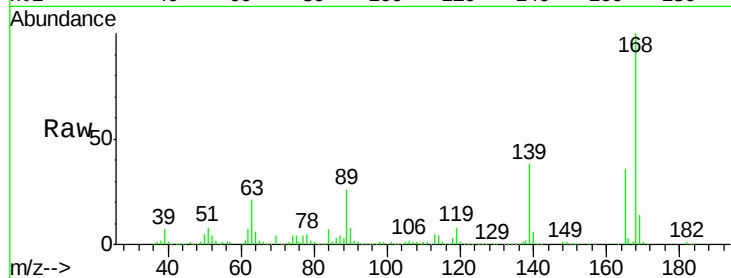




#57
2,4-Dinitrotoluene
Concen: 48.338 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF120062.D
Acq: 17 Apr 2020 16:36

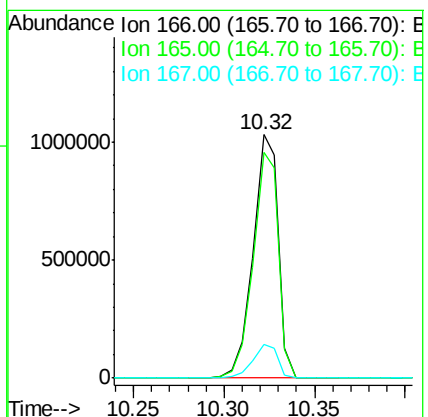
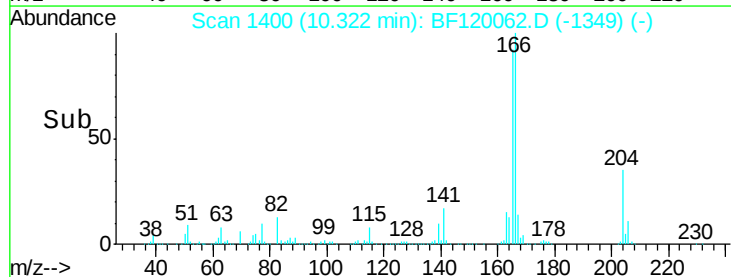
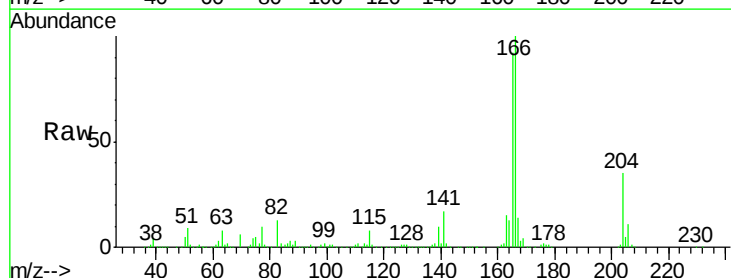
Instrument :
BNA_F
ClientSampleId :
BG-4MSD

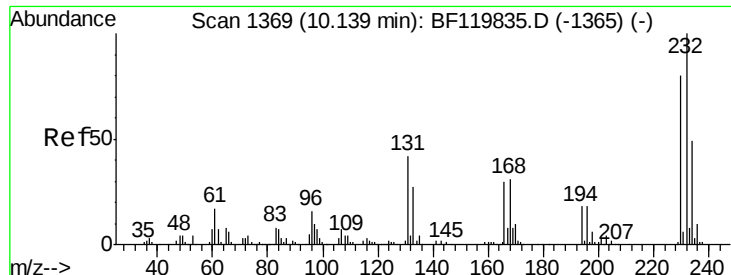
Tot Ion	Ion	Ratio	Lower	Upper
165	100			
63	58.8	40.8	61.2	
89	71.6	56.9	85.3	
182	2.2	2.0	3.0	



#58
Fluorene
Concen: 48.718 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF120062.D
Acq: 17 Apr 2020 16:36

Tgt Ion	Ion	Ratio	Lower	Upper
166	100			
165	92.5	74.2	111.2	
167	13.6	10.8	16.2	

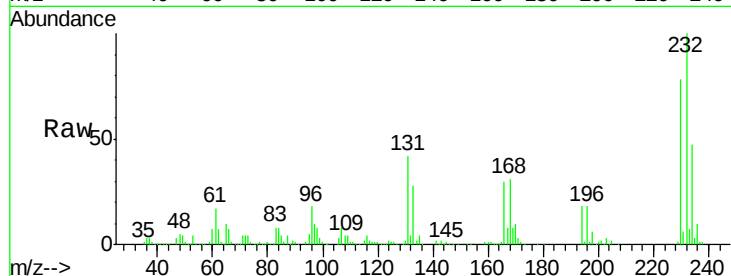




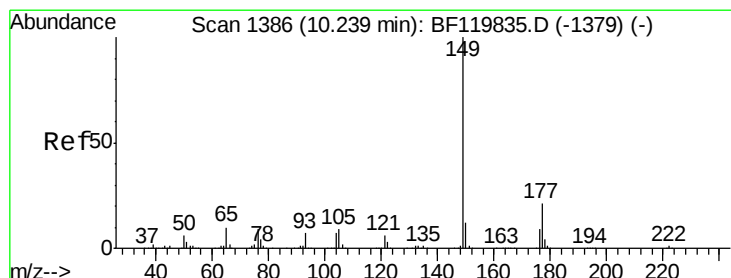
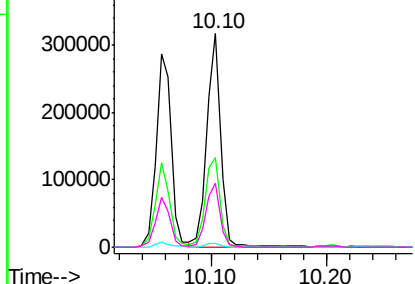
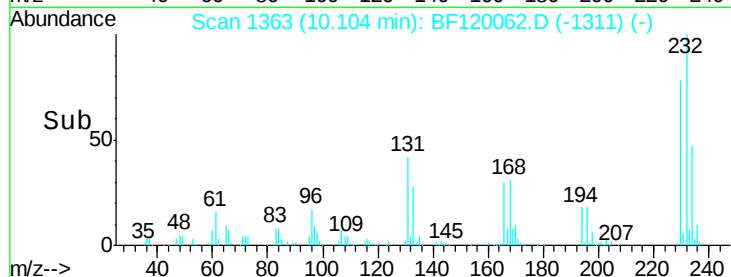
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.557 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF120062.D
Acq: 17 Apr 2020 16:36

Instrument :
BNA_F
ClientSampled :
BG-4MSD

Tot Ion:232 Resp: 267258
Ion Ratio Lower Upper
232 100
131 44.8 37.9 56.9
130 2.0 1.8 2.6
166 30.8 25.4 38.0

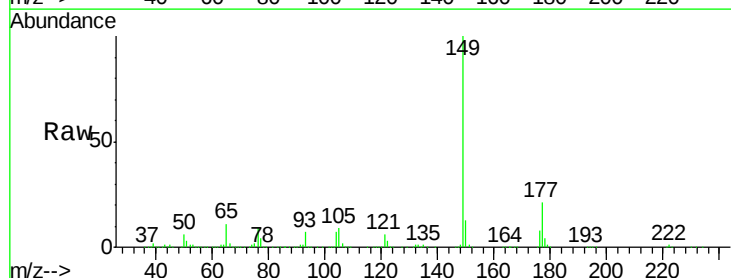


Abundance Ion 232.00 (231.70 to 232.70): E
500000
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

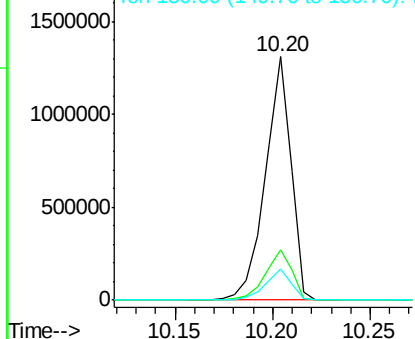
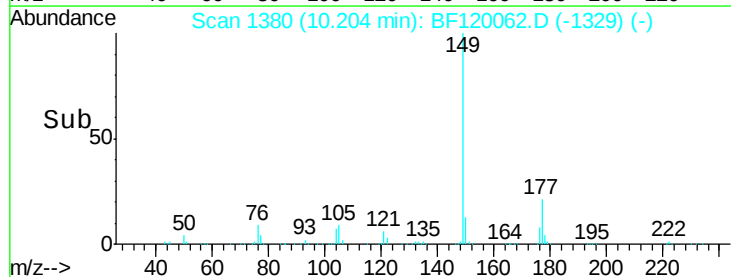


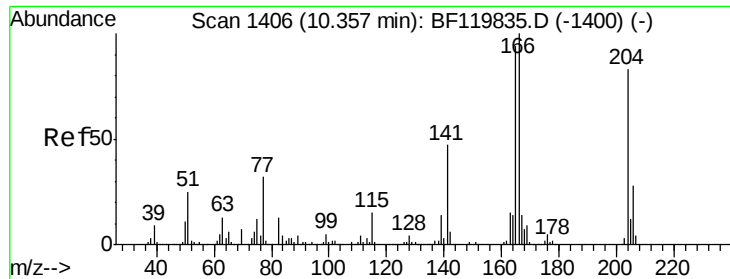
#60
Diethylphthalate
Concen: 52.936 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF120062.D
Acq: 17 Apr 2020 16:36

Tgt Ion:149 Resp: 1194055
Ion Ratio Lower Upper
149 100
177 20.9 16.8 25.2
150 12.6 9.8 14.6



Abundance Ion 149.00 (148.70 to 149.70): E
1500000
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

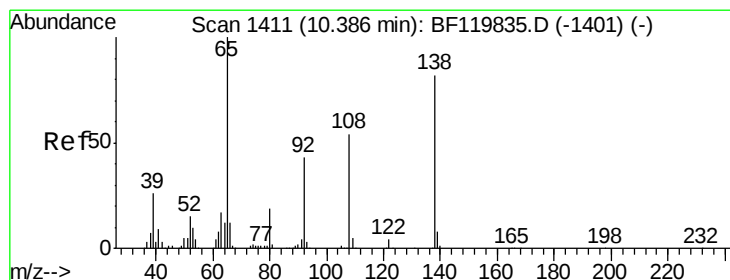
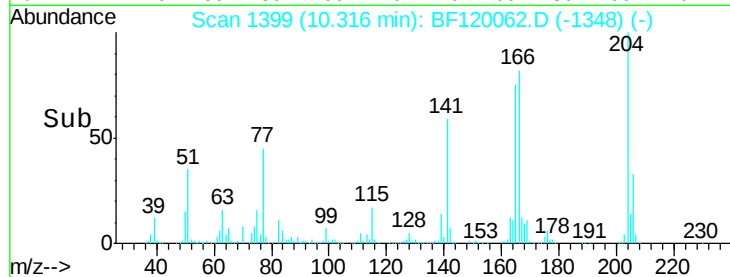
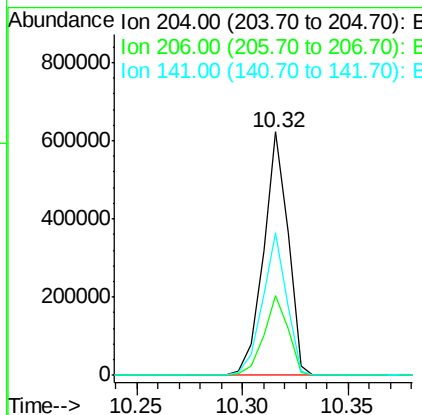
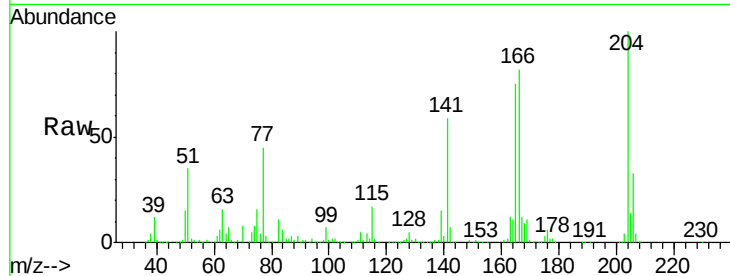




#61
 4-Chlorophenyl-phenylether
 Concen: 48.032 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.00 min
 Lab File: BF120062.D
 Acq: 17 Apr 2020 16:36

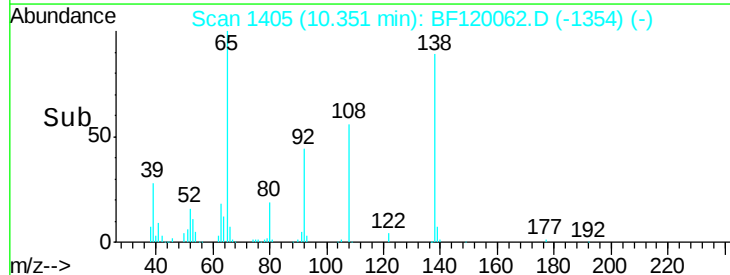
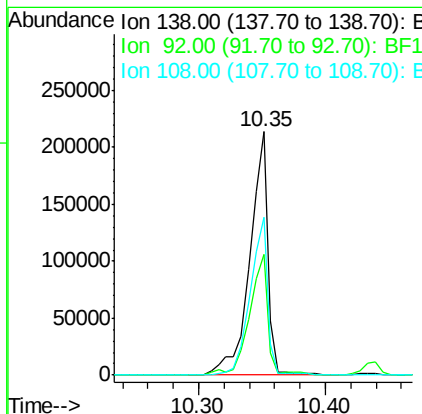
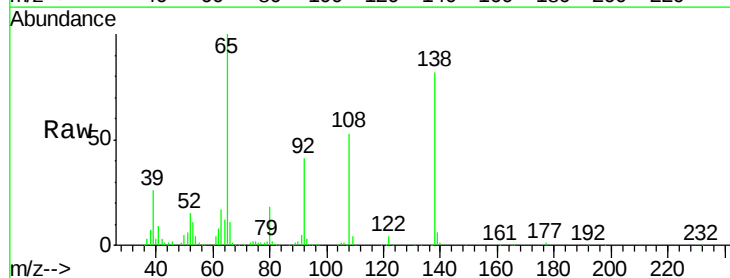
Instrument :
 BNA_F
 ClientSampleId :
 BG-4MSD

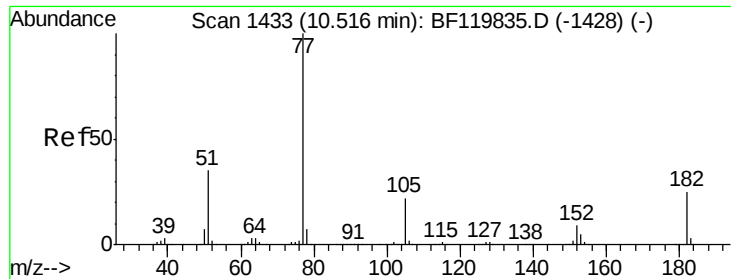
Tot Ion: 204 Resp: 501440
 Ion Ratio Lower Upper
 204 100
 206 32.8 26.7 40.1
 141 58.7 45.8 68.8



#62
 4-Nitroaniline
 Concen: 41.385 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: BF120062.D
 Acq: 17 Apr 2020 16:36

Tgt Ion: 138 Resp: 214674
 Ion Ratio Lower Upper
 138 100
 92 49.6 31.6 71.6
 108 64.9 45.2 85.2





#63

Azobenzene

Concen: 50.844 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BF120062.D

Acq: 17 Apr 2020 16:36

Instrument :

BNA_F

ClientSampleId :

BG-4MSD

Tot Ion: 77 Resp: 1027803

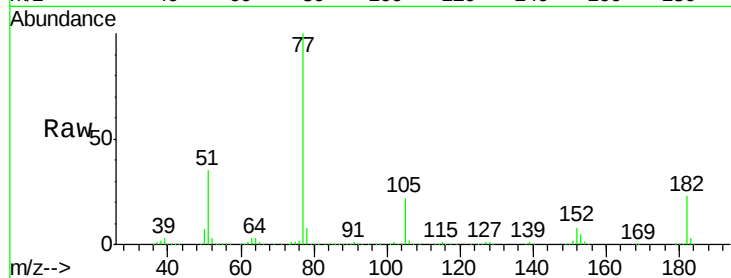
Ion Ratio Lower Upper

77 100

182 23.1 4.5 44.5

105 21.8 2.2 42.2

51 35.0 15.1 55.1

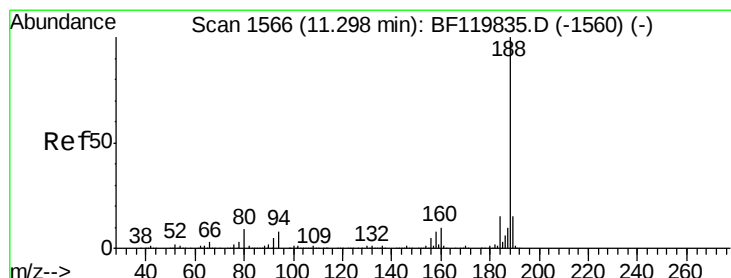
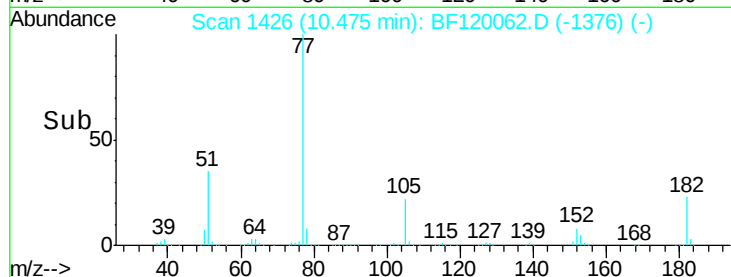
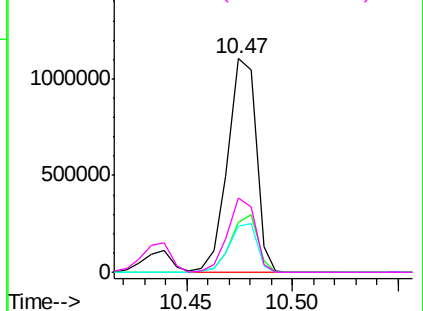


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF120062.D

Acq: 17 Apr 2020 16:36

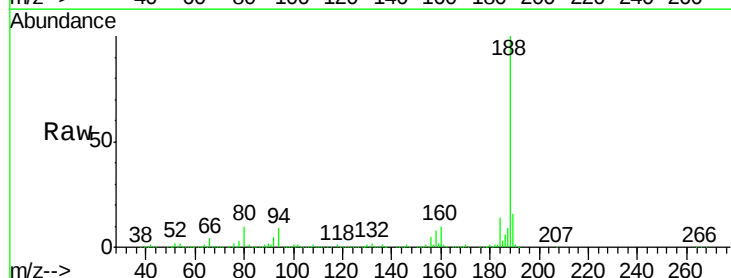
Tgt Ion: 188 Resp: 451878

Ion Ratio Lower Upper

188 100

94 9.2 6.7 10.1

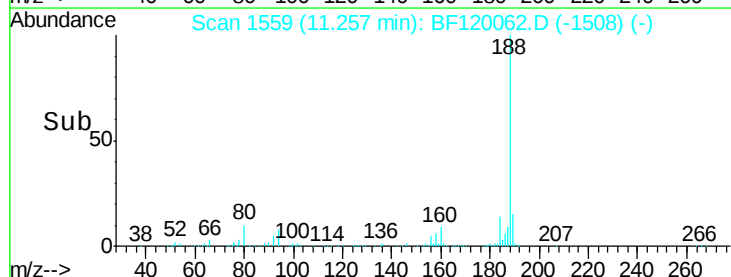
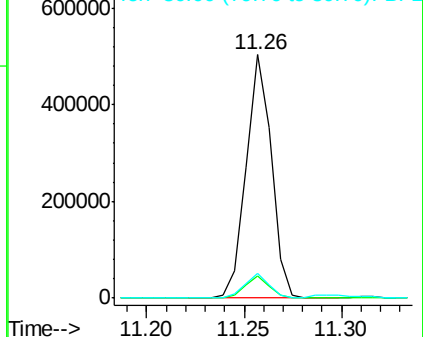
80 9.9 7.4 11.2

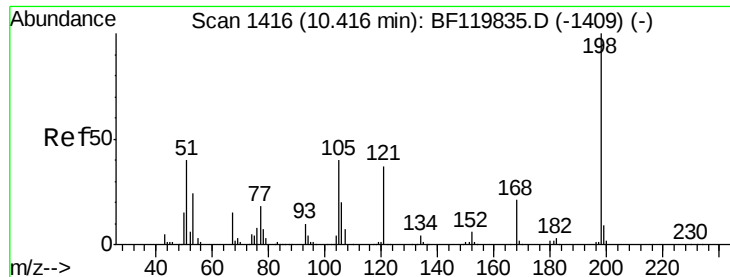


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

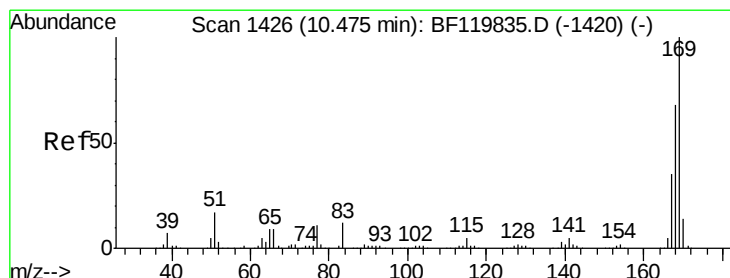
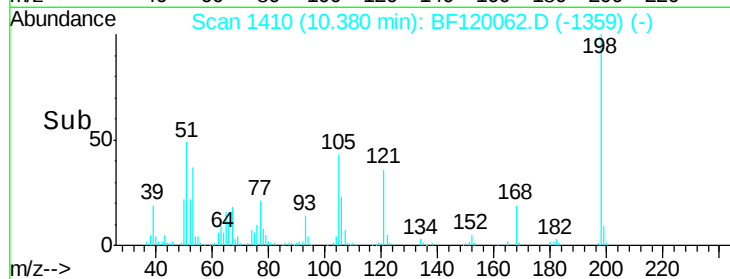
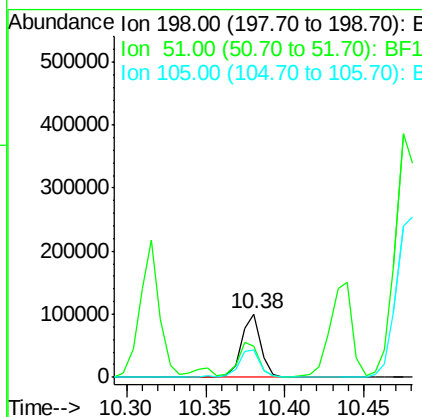
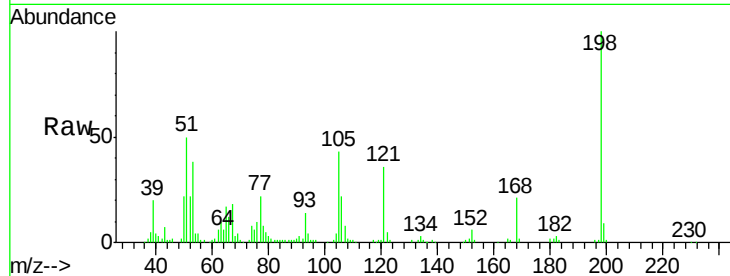




#65
 4,6-Dinitro-2-methylphenol
 Concen: 28.579 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: BF120062.D
 Acq: 17 Apr 2020 16:36

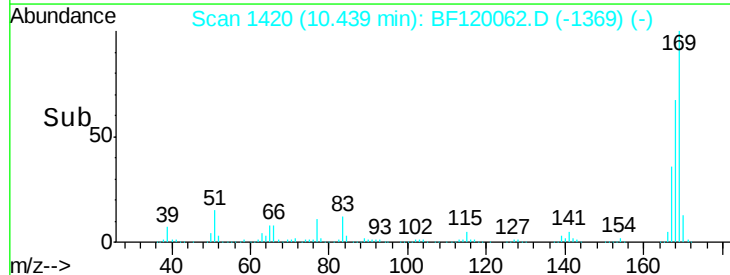
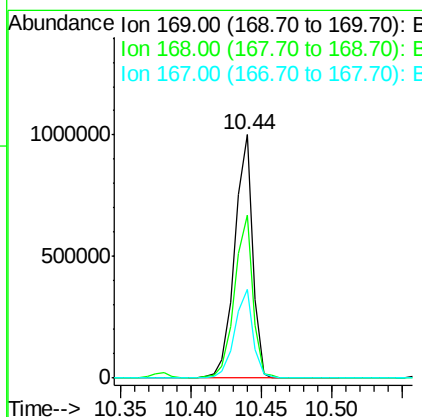
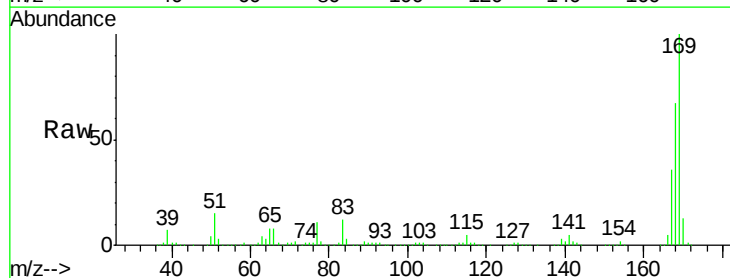
Instrument :
 BNA_F
 ClientSampled :
 BG-4MSD

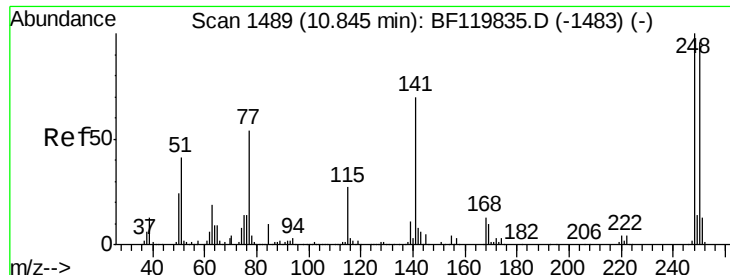
Tot Ion:198 Resp: 85080
 Ion Ratio Lower Upper
 198 100
 51 49.5 25.2 65.2
 105 43.1 20.8 60.8



#66
 n-Nitrosodiphenylamine
 Concen: 59.035 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: BF120062.D
 Acq: 17 Apr 2020 16:36

Tgt Ion:169 Resp: 887192
 Ion Ratio Lower Upper
 169 100
 168 67.2 54.2 81.4
 167 36.3 28.3 42.5

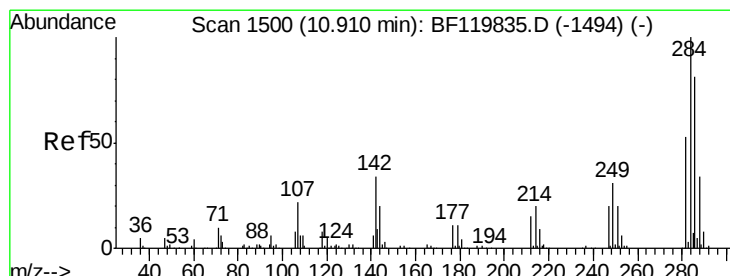
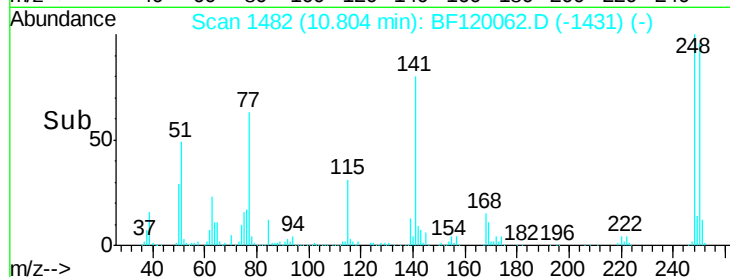
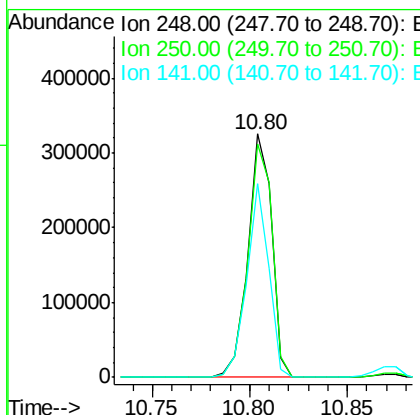
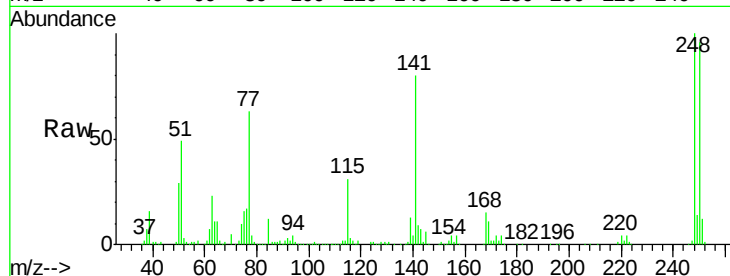




#67
4-Bromophenyl-phenylether
Concen: 49.053 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.00 min
Lab File: BF120062.D
Acq: 17 Apr 2020 16:36

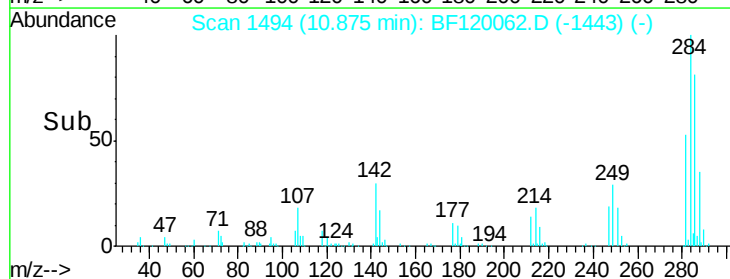
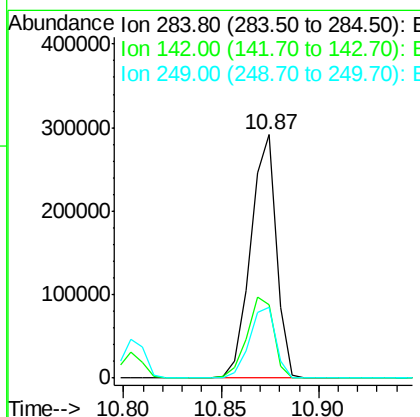
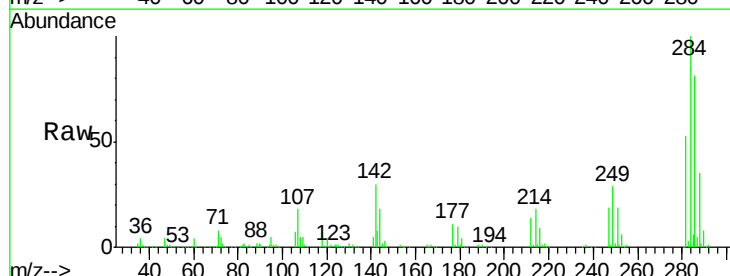
Instrument :
BNA_F
ClientSampleId :
BG-4MSD

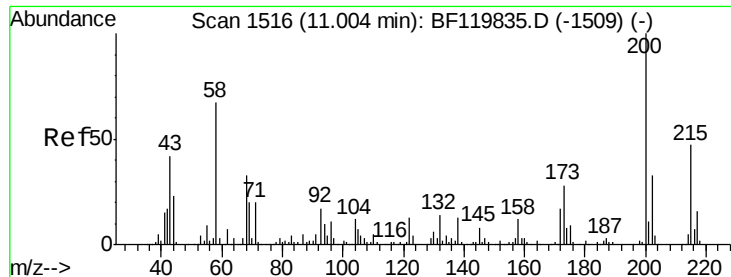
Tot Ion:248 Resp: 275658
Ion Ratio Lower Upper
248 100
250 95.9 76.6 114.8
141 79.7 55.9 83.9



#68
Hexachlorobenzene
Concen: 46.734 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.00 min
Lab File: BF120062.D
Acq: 17 Apr 2020 16:36

Tgt Ion:284 Resp: 266422
Ion Ratio Lower Upper
284 100
142 30.4 26.9 40.3
249 29.2 24.6 37.0

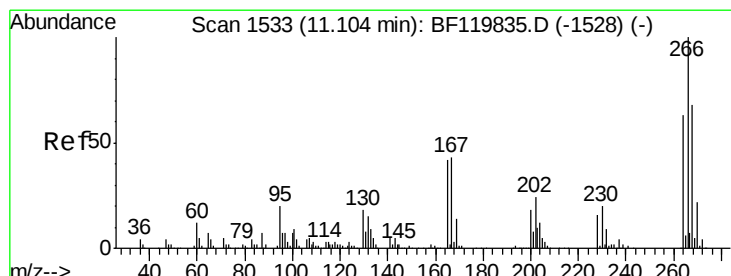
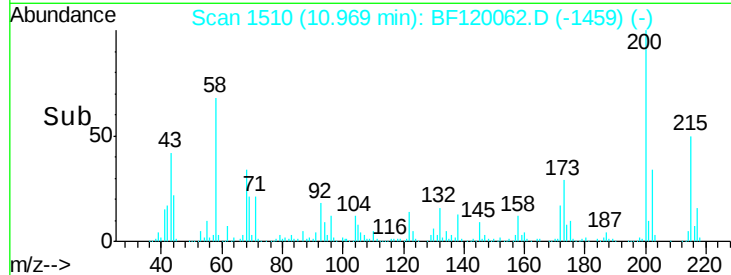
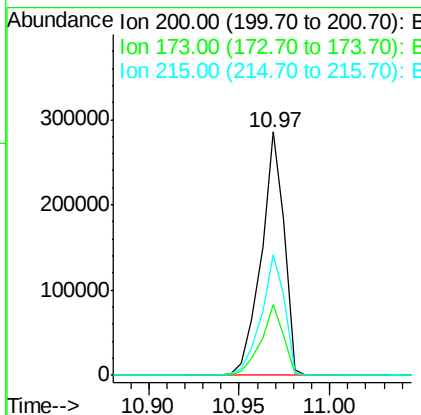
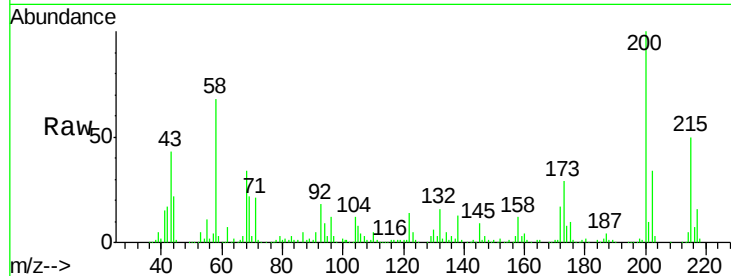




#69
 Atrazine
 Concen: 59.868 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: BF120062.D
 Acq: 17 Apr 2020 16:36

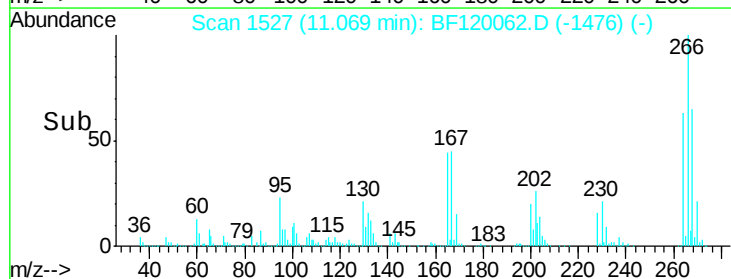
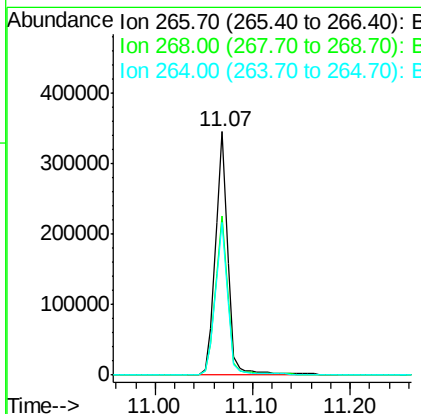
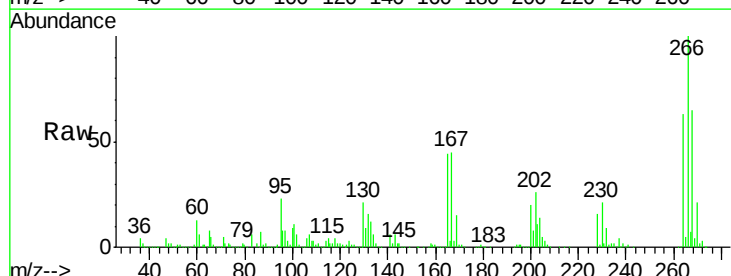
Instrument :
 BNA_F
 ClientSampleId :
 BG-4MSD

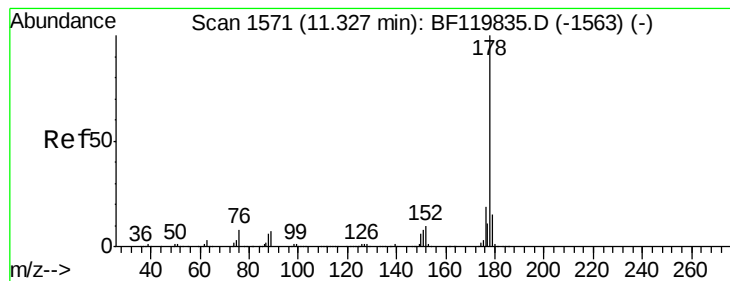
Tot Ion:	200	Resp:	250326
Ion Ratio	Lower	Upper	
200	100		
173	29.2	8.0	48.0
215	49.8	27.1	67.1



#70
 Pentachlorophenol
 Concen: 94.278 ng
 RT: 11.07 min Scan# 1527
 Delta R.T. 0.00 min
 Lab File: BF120062.D
 Acq: 17 Apr 2020 16:36

Tgt Ion:	266	Resp:	309728
Ion Ratio	Lower	Upper	
266	100		
268	65.4	54.2	81.4
264	62.6	50.6	76.0





#71

Phenanthrene

Concen: 53.676 ng

RT: 11.29 min Scan# 1564

Delta R.T. 0.00 min

Lab File: BF120062.D

Acq: 17 Apr 2020 16:36

Instrument :

BNA_F

ClientSampleId :

BG-4MSD

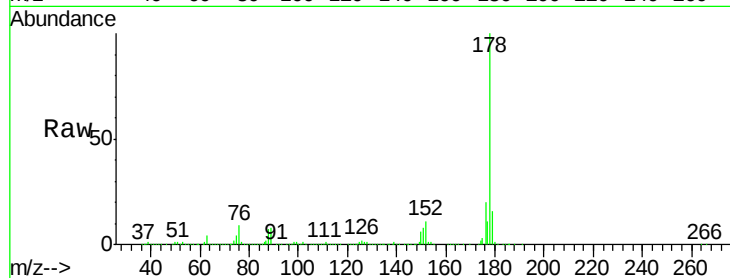
Tot Ion:178 Resp: 1290874

Ion Ratio Lower Upper

178 100

176 19.6 15.1 22.7

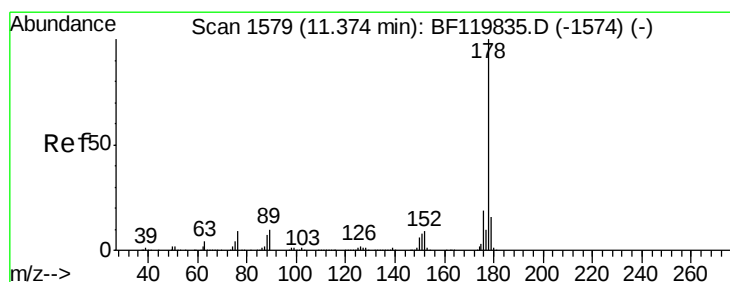
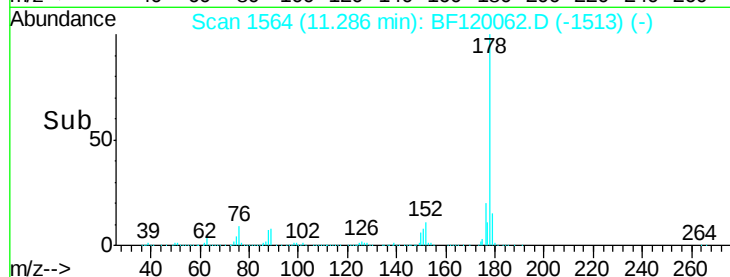
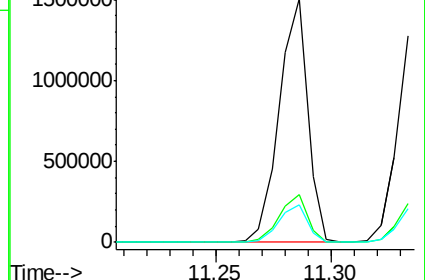
179 15.6 12.2 18.4



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: 53.836 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BF120062.D

Acq: 17 Apr 2020 16:36

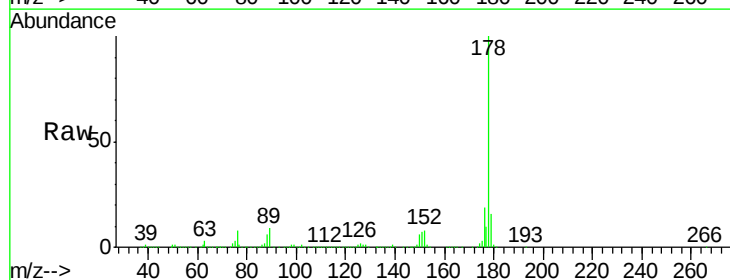
Tgt Ion:178 Resp: 1322625

Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.2

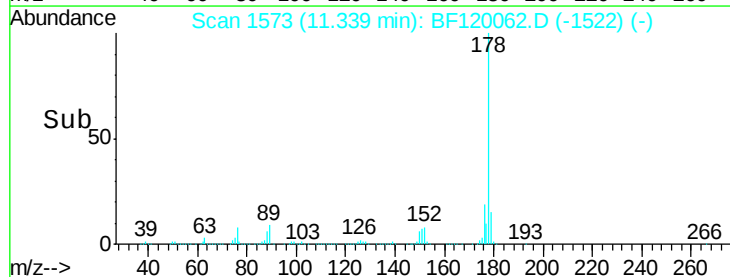
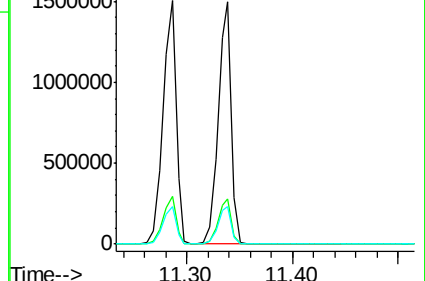
179 15.6 12.8 19.2

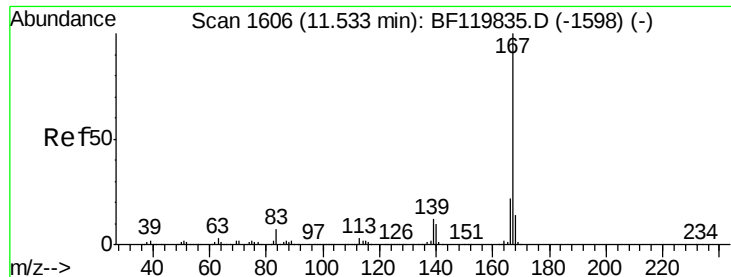


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

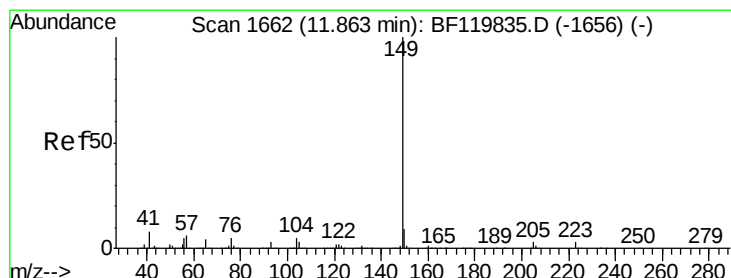
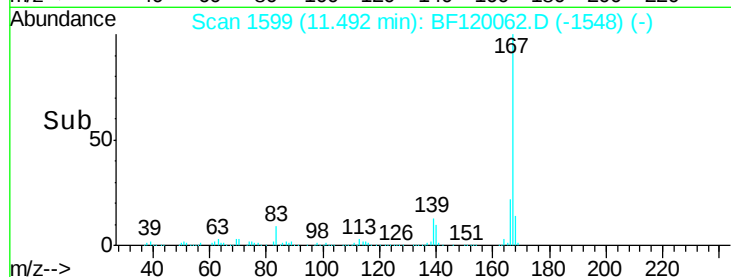
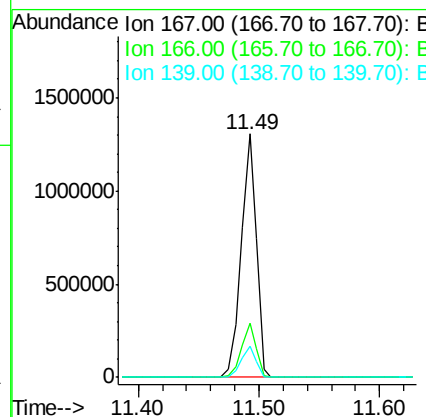
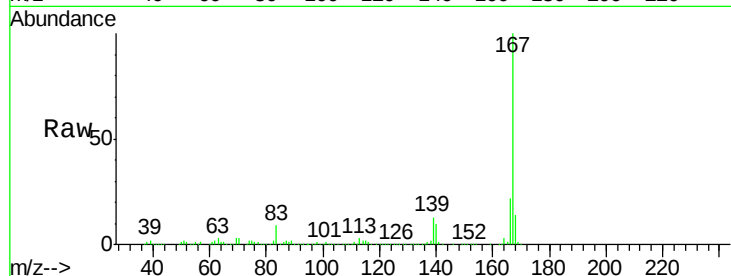




#73
 Carbazole
 Concen: 49.413 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.00 min
 Lab File: BF120062.D
 Acq: 17 Apr 2020 16:36

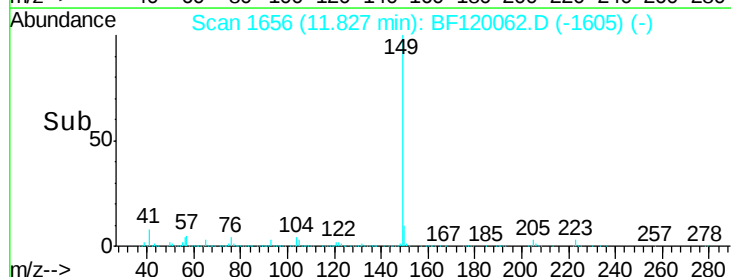
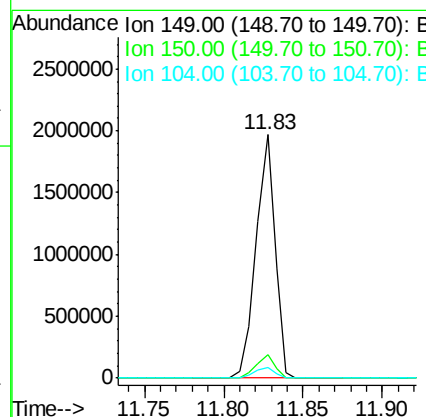
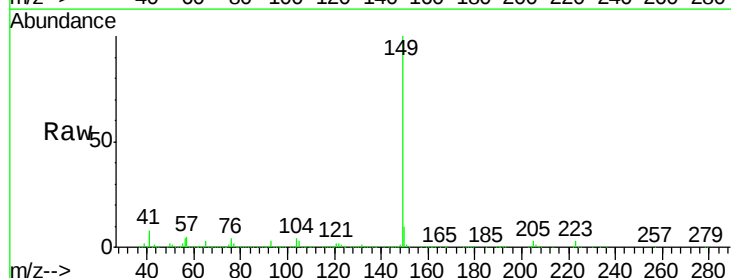
Instrument :
 BNA_F
 ClientSampleId :
 BG-4MSD

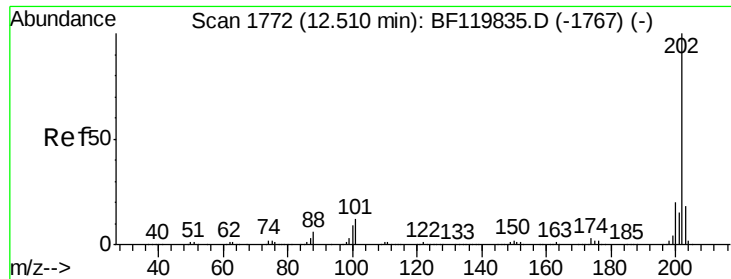
Tot Ion:167 Resp: 1148021
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.0
 139 12.8 9.8 14.8



#74
 Di-n-butylphthalate
 Concen: 53.749 ng
 RT: 11.83 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: BF120062.D
 Acq: 17 Apr 2020 16:36

Tgt Ion:149 Resp: 1641617
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.6 11.4
 104 4.4 3.8 5.6

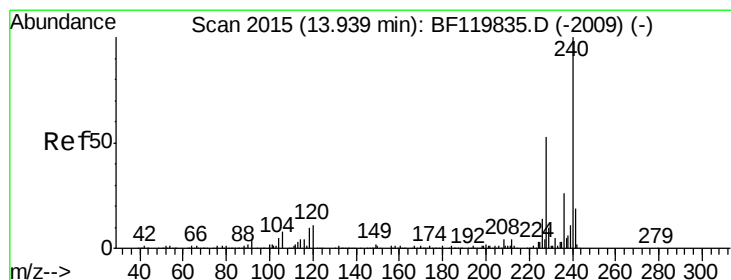
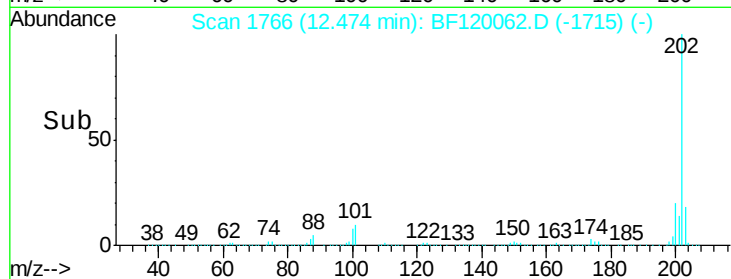
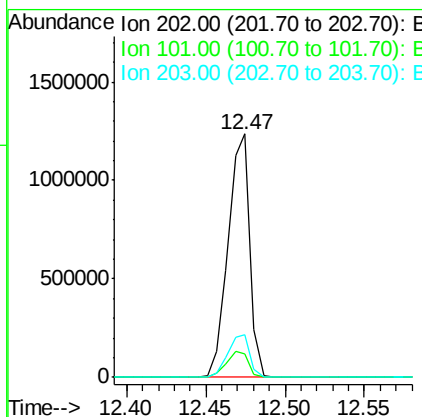
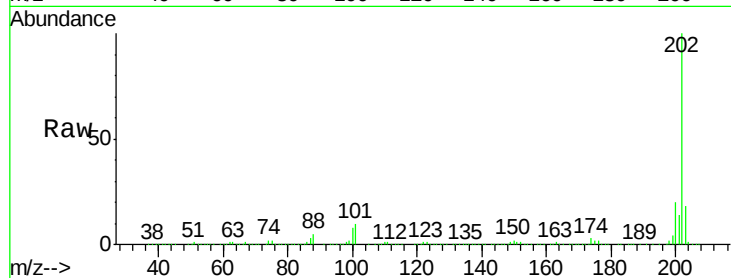




#75
Fluoranthene
Concen: 44.913 ng
RT: 12.47 min Scan# 1766
Delta R.T. 0.00 min
Lab File: BF120062.D
Acq: 17 Apr 2020 16:36

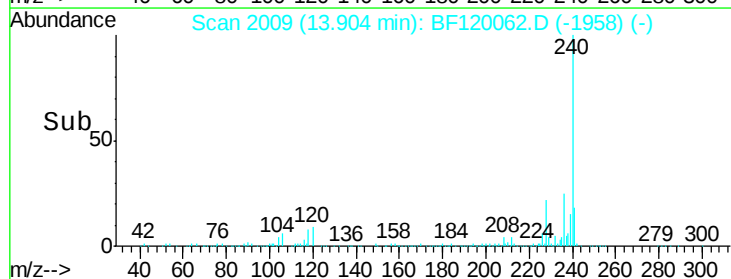
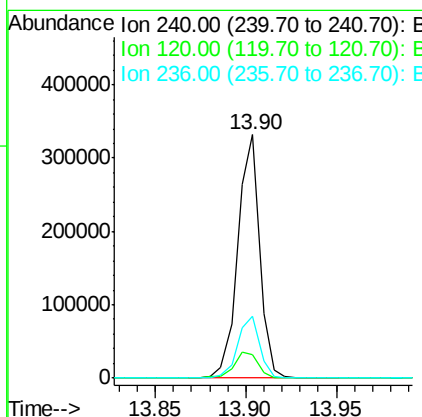
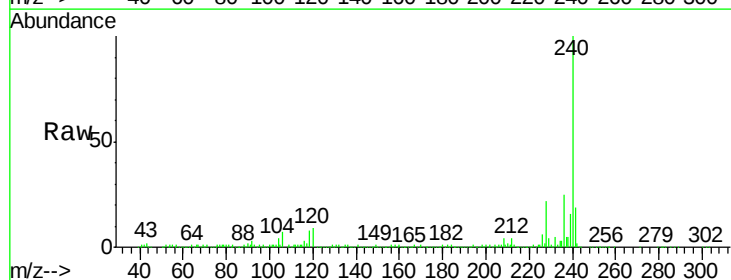
Instrument :
BNA_F
ClientSampleId :
BG-4MSD

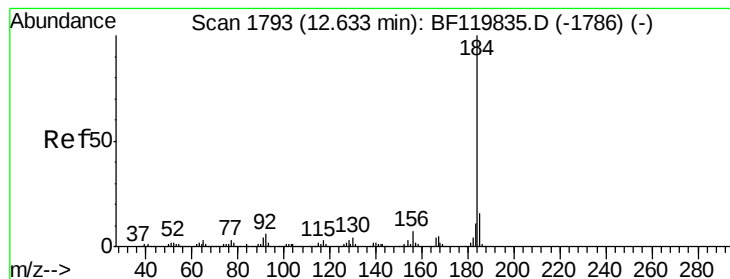
Tot Ion:202 Resp: 1165453
Ion Ratio Lower Upper
202 100
101 9.6 0.0 32.3
203 17.8 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF120062.D
Acq: 17 Apr 2020 16:36

Tgt Ion:240 Resp: 276532
Ion Ratio Lower Upper
240 100
120 9.5 9.0 13.6
236 25.3 20.7 31.1





#77

Benzidine

Concen: 6.904 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BF120062.D

Acq: 17 Apr 2020 16:36

Instrument :

BNA_F

ClientSampleId :

BG-4MSD

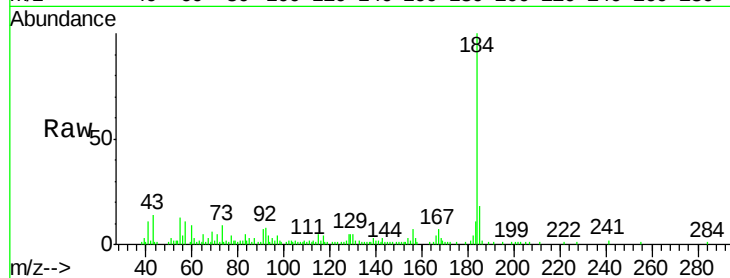
Tot Ion:184 Resp: 64538

Ion Ratio Lower Upper

184 100

185 18.1 13.2 19.8

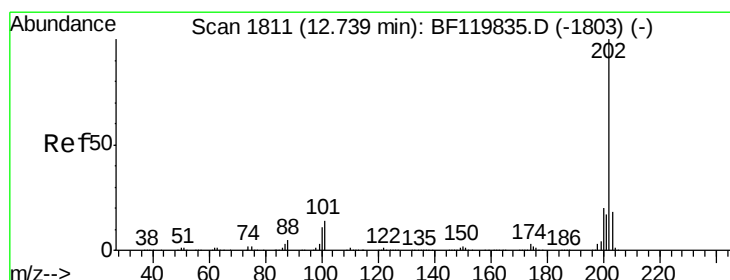
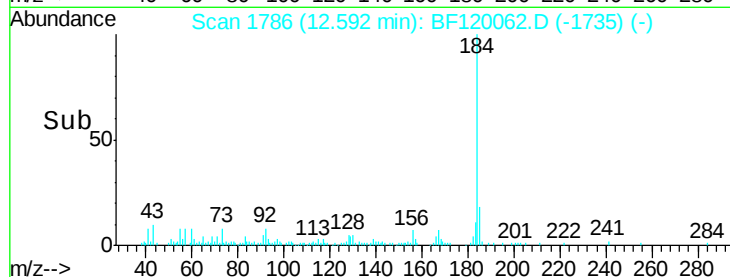
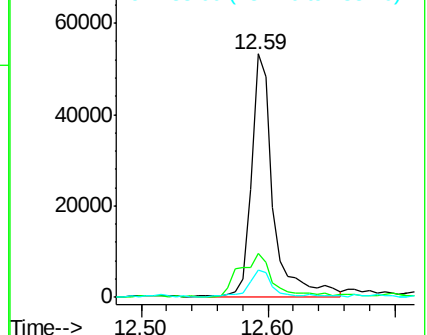
183 11.3 9.1 13.7



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: 49.179 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF120062.D

Acq: 17 Apr 2020 16:36

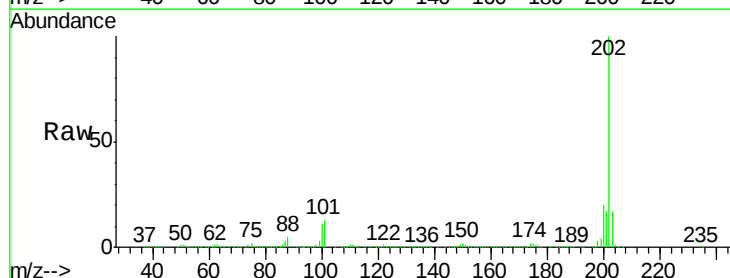
Tgt Ion:202 Resp: 1146479

Ion Ratio Lower Upper

202 100

200 20.0 16.2 24.2

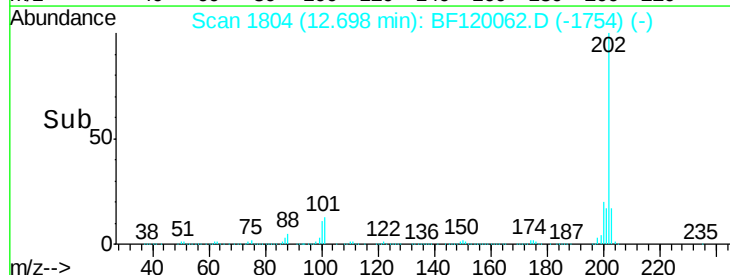
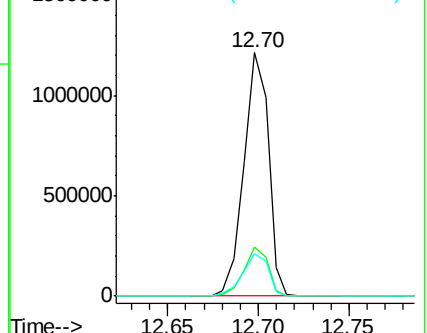
203 17.3 14.1 21.1

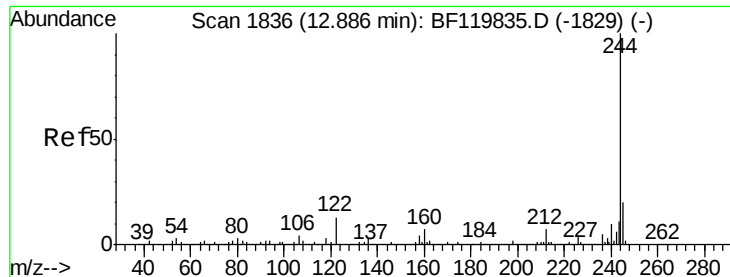


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.387 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF120062.D

Acq: 17 Apr 2020 16:36

Instrument :

BNA_F

ClientSampleId :

BG-4MSD

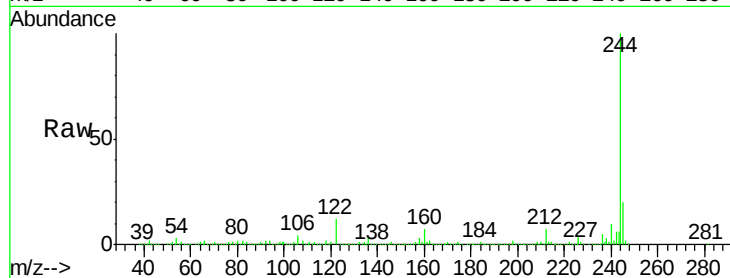
Tot Ion:244 Resp: 1304667

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

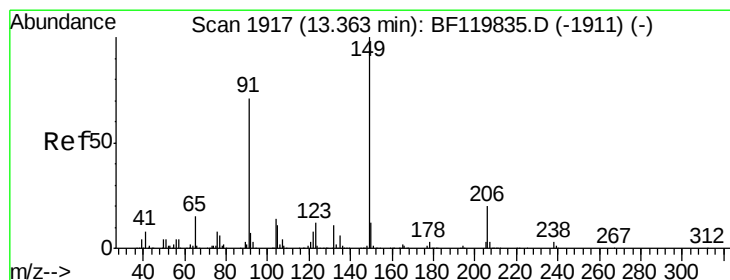
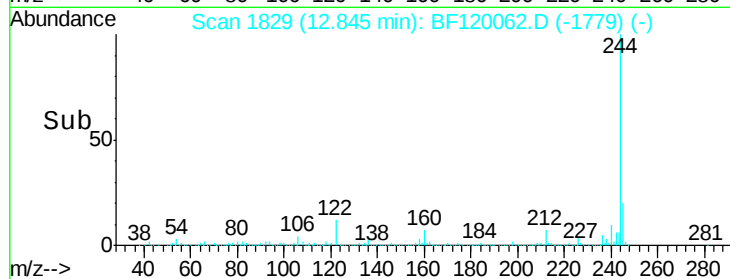
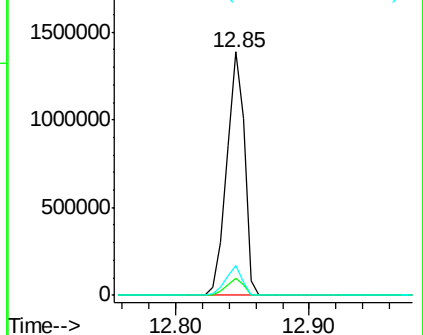
122 12.1 10.3 15.5



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: 47.672 ng

RT: 13.33 min Scan# 1911

Delta R.T. 0.00 min

Lab File: BF120062.D

Acq: 17 Apr 2020 16:36

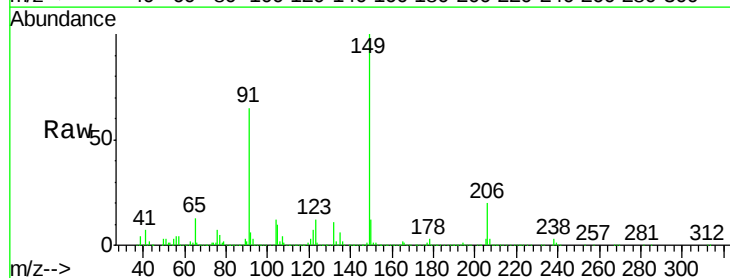
Tgt Ion:149 Resp: 539258

Ion Ratio Lower Upper

149 100

91 65.4 56.7 85.1

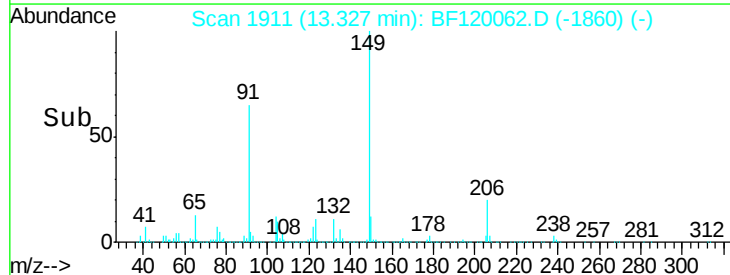
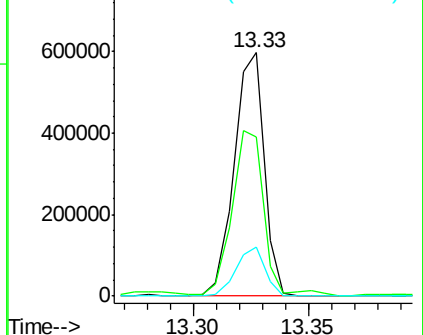
206 20.4 15.7 23.5

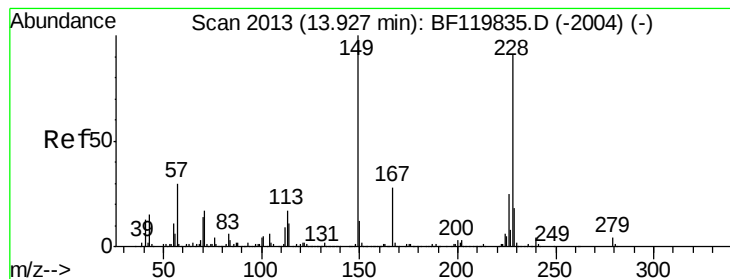


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 54.716 ng

RT: 13.89 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BF120062.D

Acq: 17 Apr 2020 16:36

Instrument :

BNA_F

ClientSampled :

BG-4MSD

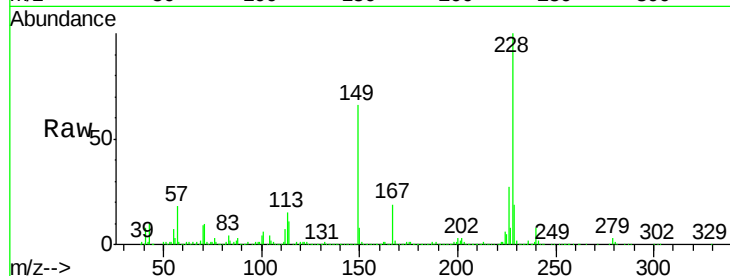
Tot Ion:228 Resp: 995400

Ion Ratio Lower Upper

228 100

226 26.8 21.9 32.9

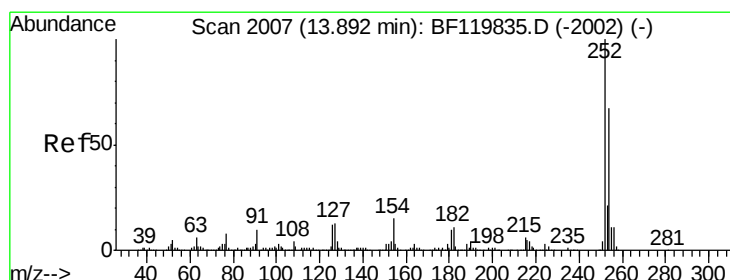
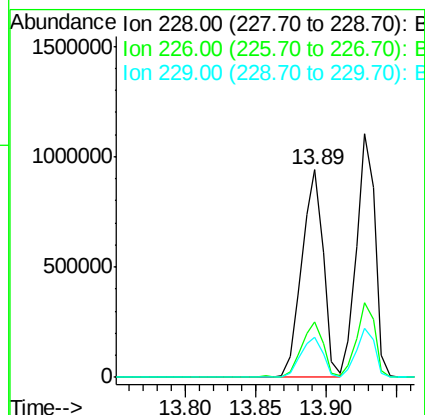
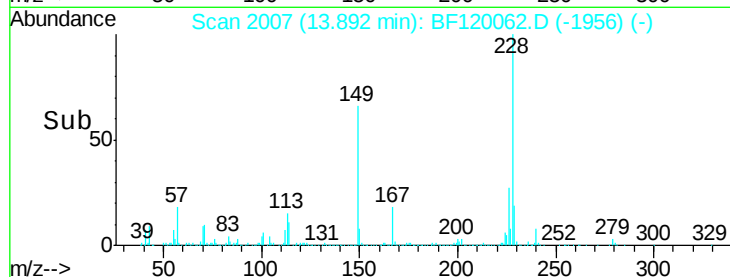
229 19.3 15.9 23.9



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: 38.528 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BF120062.D

Acq: 17 Apr 2020 16:36

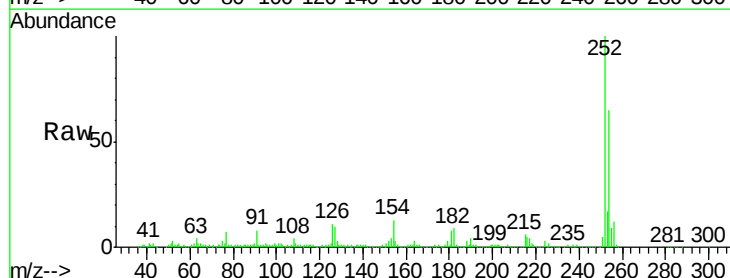
Tgt Ion:252 Resp: 261521

Ion Ratio Lower Upper

252 100

254 64.6 53.9 80.9

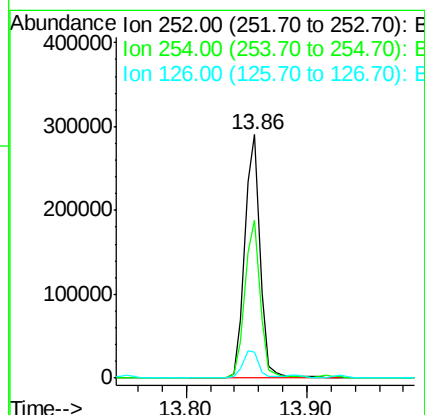
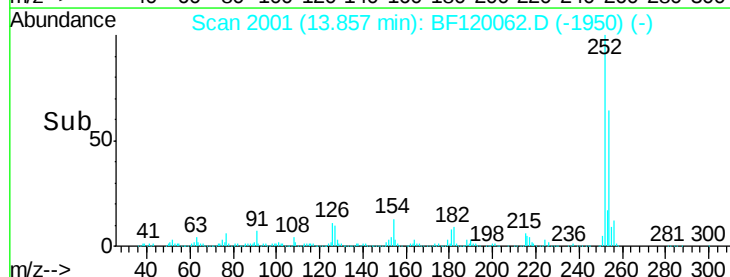
126 10.8 9.7 14.5

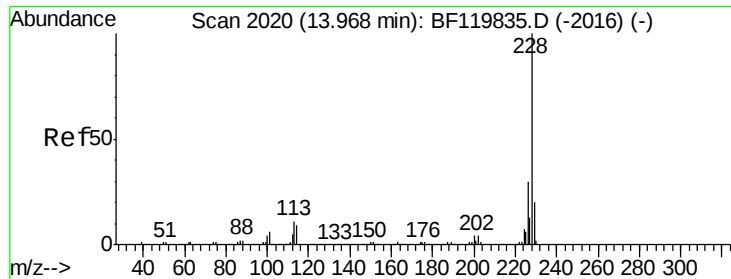


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 54.091 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF120062.D

Acq: 17 Apr 2020 16:36

Instrument :

BNA_F

ClientSampled :

BG-4MSD

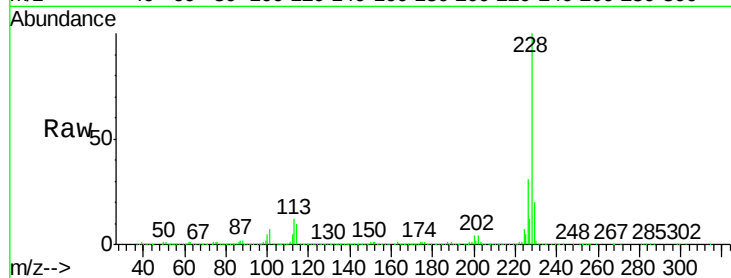
Tot Ion:228 Resp: 999865

Ion Ratio Lower Upper

228 100

226 30.6 24.2 36.2

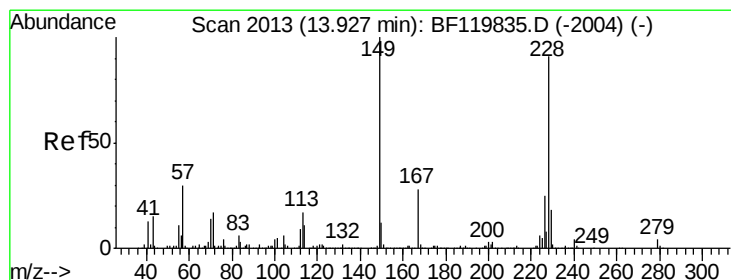
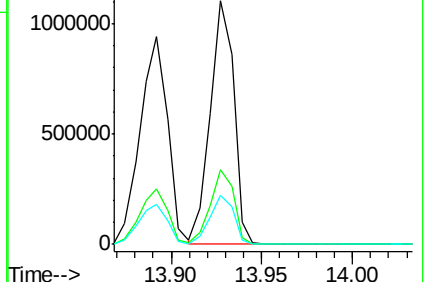
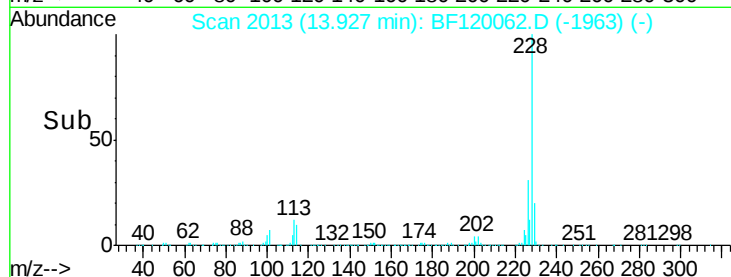
229 19.9 15.9 23.9



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.542 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BF120062.D

Acq: 17 Apr 2020 16:36

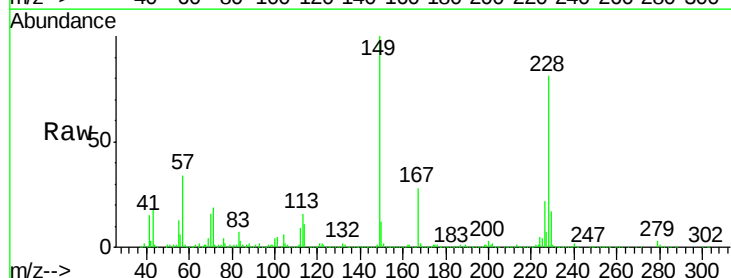
Tgt Ion:149 Resp: 789553

Ion Ratio Lower Upper

149 100

167 27.9 22.2 33.2

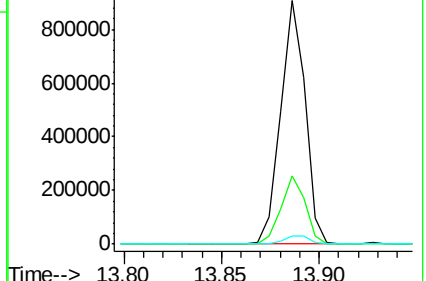
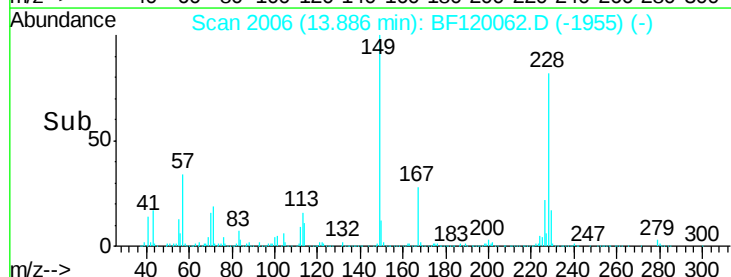
279 3.3 3.4 5.0#



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: 49.930 ng

RT: 14.50 min Scan# 2110

Delta R.T. 0.00 min

Lab File: BF120062.D

Acq: 17 Apr 2020 16:36

Instrument :

BNA_F

ClientSampleId :

BG-4MSD

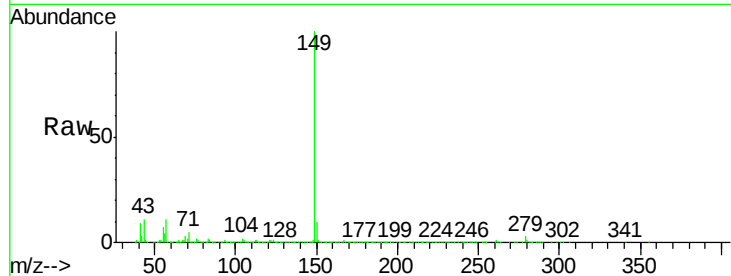
Tot Ion:149 Resp: 1302299

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

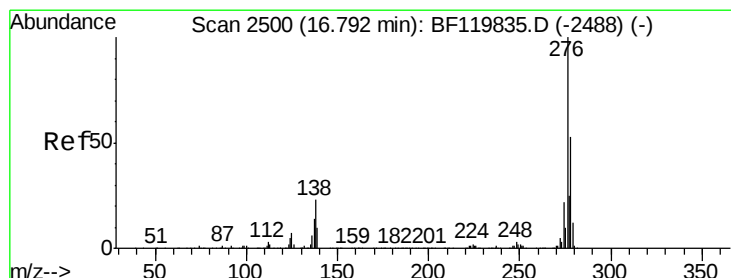
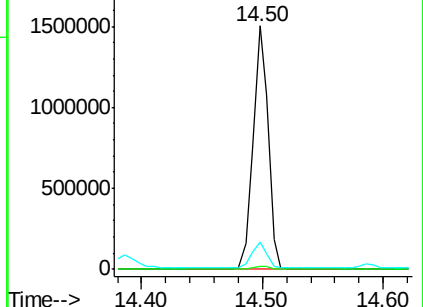
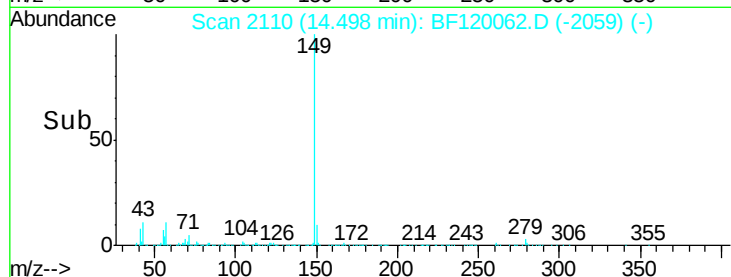
43 10.8 9.2 13.8



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: 48.172 ng

RT: 16.72 min Scan# 2488

Delta R.T. 0.00 min

Lab File: BF120062.D

Acq: 17 Apr 2020 16:36

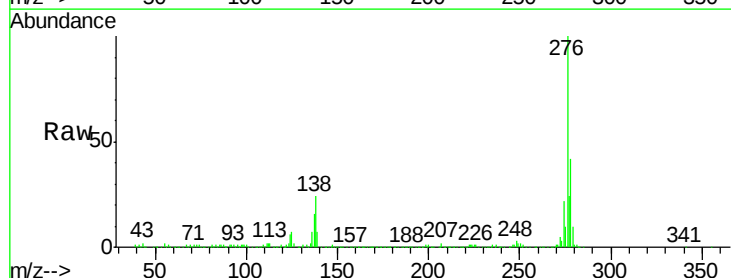
Tgt Ion:276 Resp: 784927

Ion Ratio Lower Upper

276 100

138 25.0 18.0 27.0

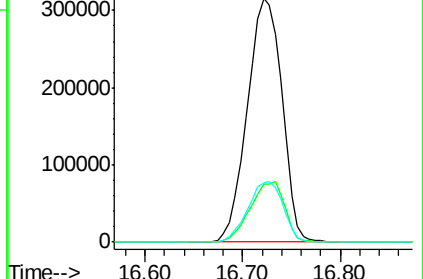
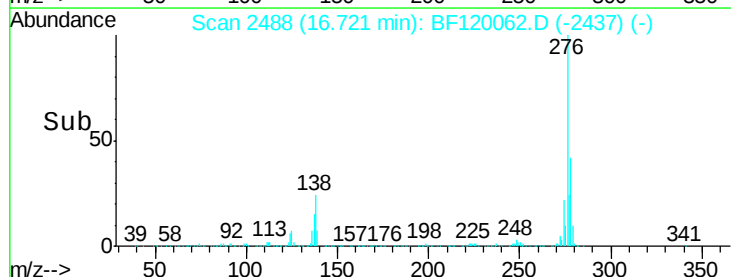
277 25.3 20.1 30.1

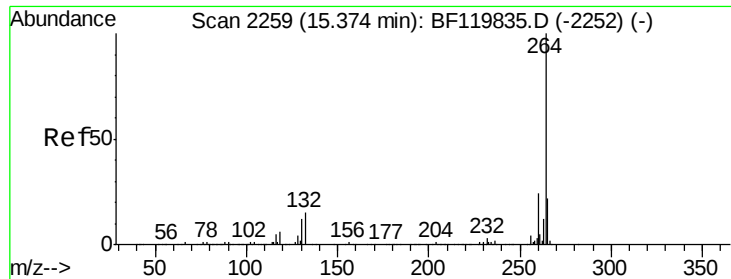


Abundance Ion 276.00 (275.70 to 276.70): E

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: BF120062.D

Acq: 17 Apr 2020 16:36

Instrument :

BNA_F

ClientSampled :

BG-4MSD

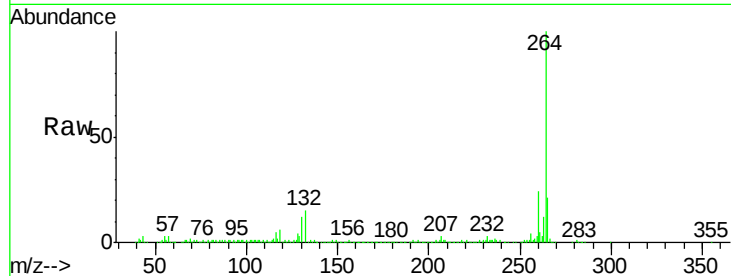
Tot Ion:264 Resp: 243282

Ion Ratio Lower Upper

264 100

260 23.6 19.3 28.9

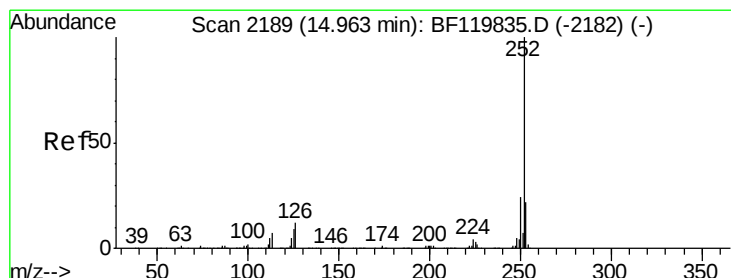
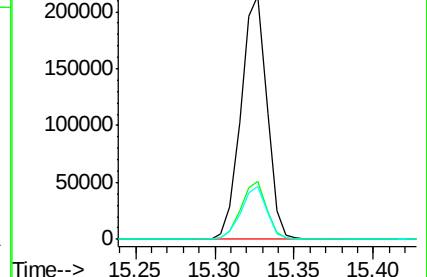
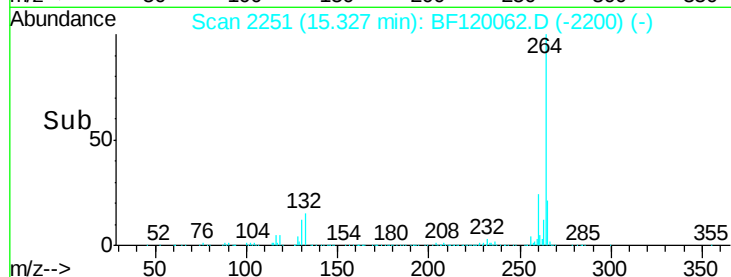
265 21.5 17.6 26.4



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: 52.004 ng

RT: 14.92 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BF120062.D

Acq: 17 Apr 2020 16:36

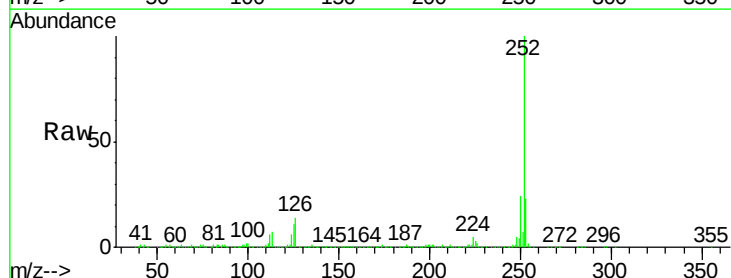
Tgt Ion:252 Resp: 910131

Ion Ratio Lower Upper

252 100

253 22.8 17.7 26.5

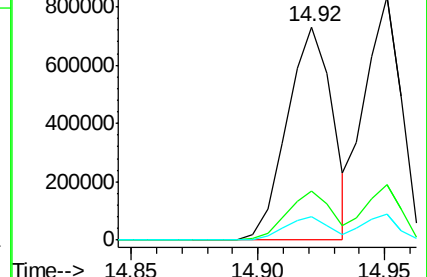
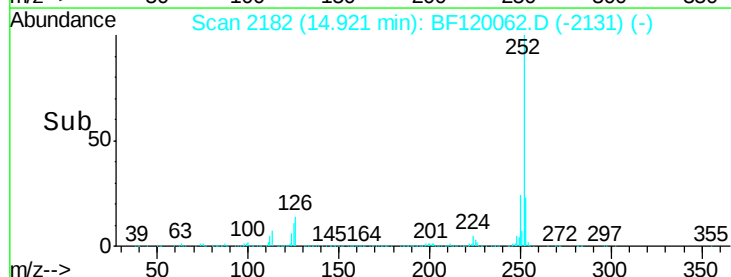
125 10.9 7.4 11.2



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

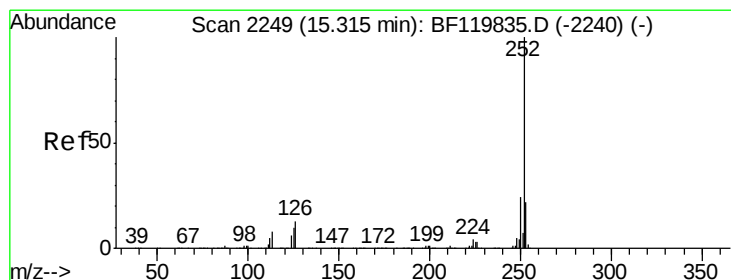
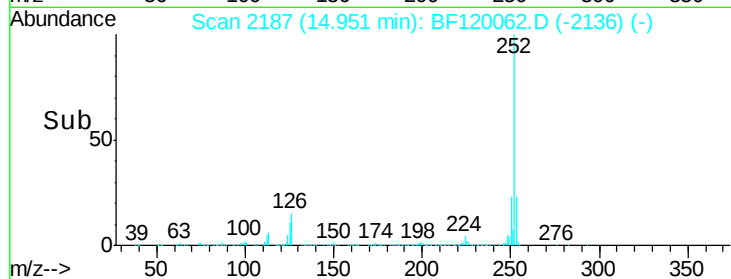
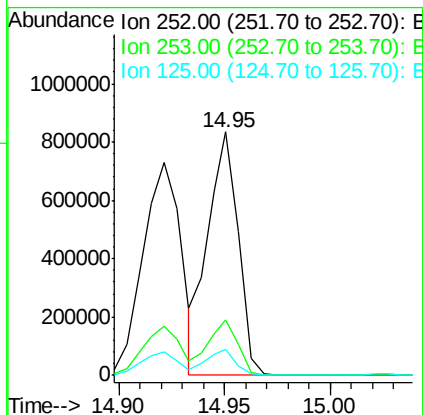
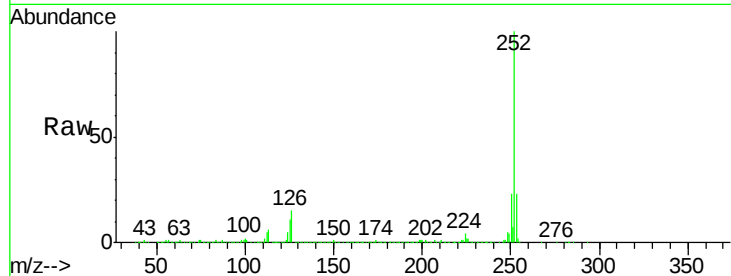




#89
Benzo(k)fluoranthene
Concen: 55.173 ng
RT: 14.95 min Scan# 2187
Delta R.T. 0.00 min
Lab File: BF120062.D
Acq: 17 Apr 2020 16:36

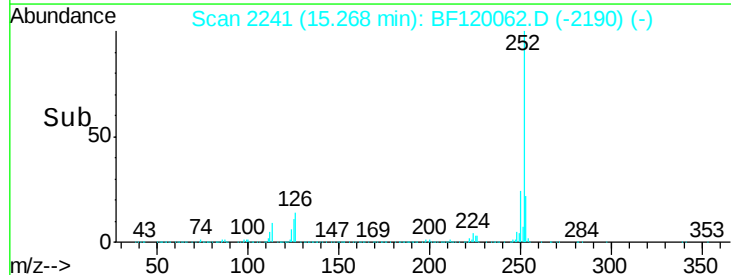
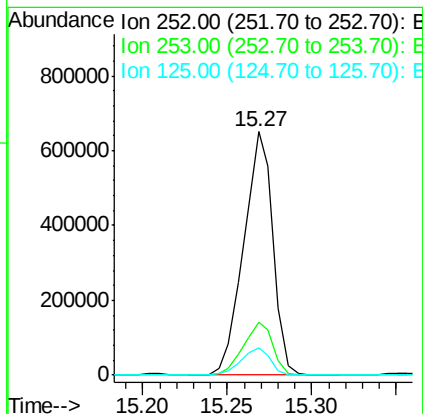
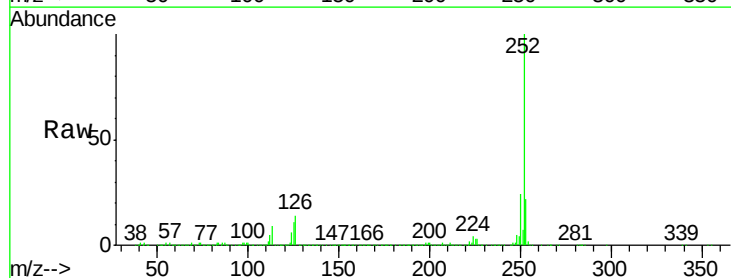
Instrument :
BNA_F
ClientSampleId :
BG-4MSD

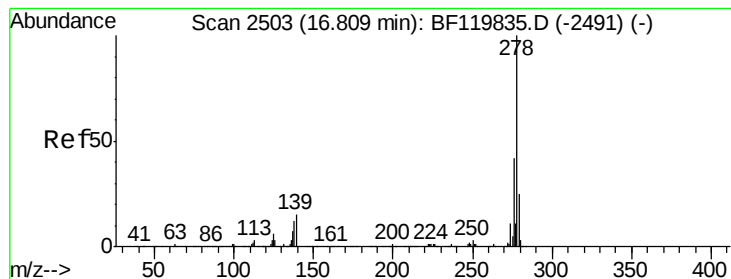
Tot Ion:252 Resp: 833126
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 10.6 7.7 11.5



#90
Benzo(a)pyrene
Concen: 53.275 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BF120062.D
Acq: 17 Apr 2020 16:36

Tgt Ion:252 Resp: 783940
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 11.4 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 51.171 ng

RT: 16.74 min Scan# 2491

Delta R.T. 0.00 min

Lab File: BF120062.D

Acq: 17 Apr 2020 16:36

Instrument :

BNA_F

ClientSampleId :

BG-4MSD

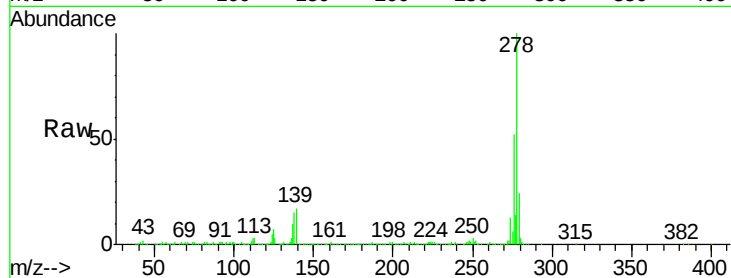
Tot Ion:278 Resp: 666978

Ion Ratio Lower Upper

278 100

139 17.1 11.6 17.4

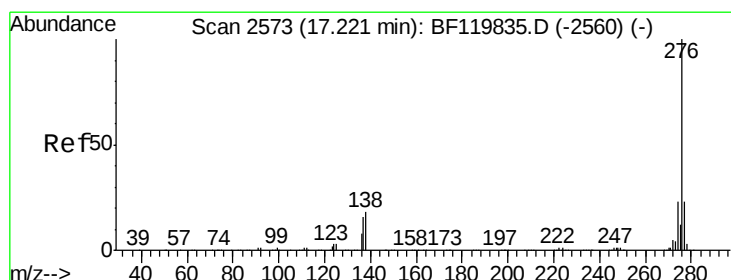
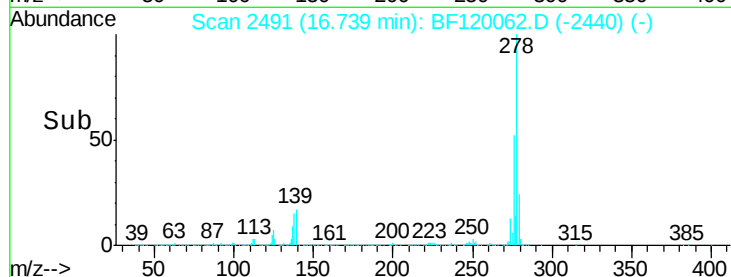
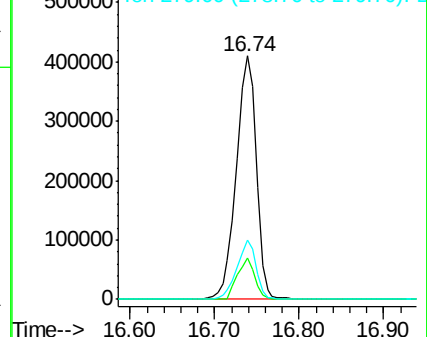
279 24.5 19.7 29.5



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 48.754 ng

RT: 17.14 min Scan# 2560

Delta R.T. 0.00 min

Lab File: BF120062.D

Acq: 17 Apr 2020 16:36

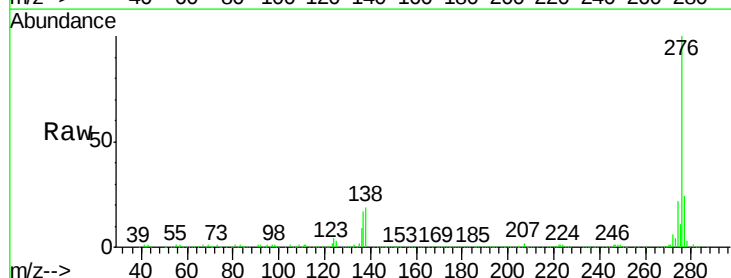
Tgt Ion:276 Resp: 627279

Ion Ratio Lower Upper

276 100

277 23.8 18.5 27.7

138 19.3 14.6 22.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

