

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120815\
 Data File : BG020009.D
 Acq On : 8 Dec 2015 9:16
 Operator : UM/SJ
 Sample : SP3516
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP3516

Quant Time: Dec 09 03:56:32 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	19728	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	85836	20.00	ng	-0.01
38) Acenaphthene-d10	14.74	164	56606	20.00	ng	-0.02
63) Phenanthrene-d10	17.59	188	1054407	20.00	ng	0.09
75) Chrysene-d12	21.77	240	167797	20.00	ng	-0.02
86) Perylene-d12	25.06	264	156208	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	7.27	99	311979	189.30	ng	0.00
23) Nitrobenzene-d5	9.29	82	305624	181.71	ng	0.00
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	13.26	172	468	0.11	ng	-0.13
78) Terphenyl-d14	20.22	244	435	0.06	ng	0.11

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	30130	70.86	ng	# 100
6) Aniline	7.54	93	226074	105.93	ng	# 56
8) 2-Chlorophenol	7.68	128	241551	181.48	ng	93
9) Benzaldehyde	7.25	77	171316	155.88	ng	93
10) Phenol	7.30	94	330929	190.79	ng	79
11) bis(2-Chloroethyl)ether	7.54	93	226074	175.99	ng	91
15) Benzyl Alcohol	8.56	79	116596	80.62	ng	# 1
16) 2,2'-oxybis(1-Chloropropan	8.65	45	334078	159.46	ng	95
17) 2-Methylphenol	8.56	107	228441	186.56	ng	# 91
18) Hexachloroethane	9.20	117	98058	168.07	ng	98
19) n-Nitroso-di-n-propylamine	8.96	70	212003	163.11	ng	91
20) 3+4-Methylphenols	8.90	107	312182	181.05	ng	91
22) Acetophenone	8.95	105	392439	166.79	ng	# 90
24) Nitrobenzene	9.34	77	317358	173.95	ng	91
25) Isophorone	9.87	82	577965	160.29	ng	# 98
26) 2-Nitrophenol	10.05	139	147855	209.84	ng	# 74
27) 2,4-Dimethylphenol	10.10	122	248597	169.42	ng	91
28) bis(2-Chloroethoxy)methane	10.34	93	315917	179.30	ng	98
29) 2,4-Dichlorophenol	10.58	162	270651	180.56	ng	94
31) Naphthalene	10.99	128	764511	166.26	ng	98
32) Benzoic acid	10.10	122	248597	225.96	ng	# 18
33) 4-Chloroaniline	11.10	127	269907	133.20	ng	# 91
34) Hexachlorobutadiene	11.27	225	201694	161.41	ng	99
35) Caprolactam	11.92	113	62401	111.83	ng	# 76
36) 4-Chloro-3-methylphenol	12.22	107	301079	161.28	ng	96
37) 2-Methylnaphthalene	12.59	142	565078	167.69	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	384140	178.83	ng	99
40) Hexachlorocyclopentadiene	12.93	237	239277	195.35	ng	99
42) 2,4,6-Trichlorophenol	13.19	196	247745	174.20	ng	97
43) 2,4,5-Trichlorophenol	13.26	196	267935	178.25	ng	95
45) 1,1'-Biphenyl	13.59	154	743451	160.04	ng	97
46) 2-Chloronaphthalene	13.63	162	602201	168.18	ng	95
47) 2-Nitroaniline	13.84	65	216691	191.60	ng	90
48) Acenaphthylene	14.48	152	940993	154.28	ng	96

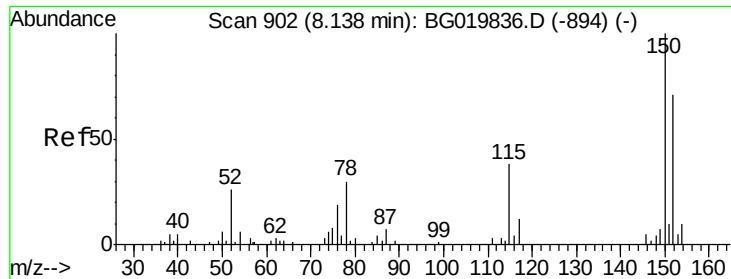
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dimethylphthalate	14.20	163	775518	152.30	ng	99
50) 2,6-Dinitrotoluene	14.33	165	175557	183.38	ng #	80
51) Acenaphthene	14.82	154	582906	157.50	ng	99
52) 3-Nitroaniline	14.66	138	155867	156.71	ng	95
53) 2,4-Dinitrophenol	14.86	184	99469	181.90	ng #	88
54) Dibenzofuran	15.15	168	925021	168.01	ng #	89
55) 4-Nitrophenol	14.97	139	154755	178.66	ng #	63
56) 2,4-Dinitrotoluene	15.11	165	253002	189.42	ng #	90
57) Fluorene	15.80	166	746368	151.45	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.37	232	259220	186.34	ng	97
59) Diethylphthalate	15.57	149	795023	144.27	ng	99
60) 4-Chlorophenyl-phenylether	15.78	204	433603	153.25	ng	99
61) 4-Nitroaniline	15.84	138	169843	151.83	ng #	69
62) Azobenzene	16.00	77	82376	17.96	ng #	1
64) 4,6-Dinitro-2-methylphenol	15.88	198	162035	29.98	ng	88
65) n-Nitrosodiphenylamine	16.00	169	669880	21.95	ng	98
66) 4-Bromophenyl-phenylether	16.68	248	294866	22.51	ng	97
67) Hexachlorobenzene	16.80	284	310217	22.73	ng	99
68) Atrazine	16.95	200	289603	21.85	ng	95
69) Pentachlorophenol	17.14	266	202689	25.44	ng	95
70) Phenanthrene	17.64	178	1209393	20.27	ng	98
71) Anthracene	17.64	178	1209393	19.90	ng	98
72) Carbazole	17.89	167	1100262	20.55	ng	98
73) Di-n-butylphthalate	18.44	149	1255713	19.14	ng #	97
74) Fluoranthene	19.54	202	1475182	19.33	ng	95
77) Pyrene	19.90	202	1434020	145.27	ng	95
79) Butylbenzylphthalate	20.77	149	639077	165.17	ng	96
80) Benzo(a)anthracene	21.75	228	1568909	152.75	ng	94
81) 3,3'-Dichlorobenzidine	21.66	252	491543	125.66	ng	99
82) Chrysene	21.82	228	1457151	149.42	ng	96
83) Bis(2-ethylhexyl)phthalate	21.64	149	909478	160.17	ng #	99
84) Di-n-octyl phthalate	22.88	149	1508500	163.40	ng #	93
85) Indeno(1,2,3-cd)pyrene	28.85	276	1938229	180.42	ng #	100
87) Benzo(b)fluoranthene	24.02	252	1618343	163.47	ng #	97
88) Benzo(k)fluoranthene	24.10	252	1541024	157.17	ng #	97
89) Benzo(a)pyrene	24.93	252	1549311	164.83	ng #	97
90) Dibenzo(a,h)anthracene	28.93	278	1581894	170.35	ng #	93
91) Benzo(g,h,i)perylene	30.04	276	1561458	171.25	ng #	91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 898

Delta R.T. -0.02 min

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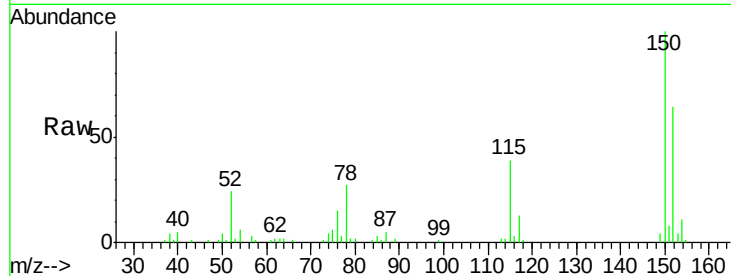
Tgt Ion:152 Resp: 19728

Ion Ratio Lower Upper

152 100

150 155.5 115.0 172.4

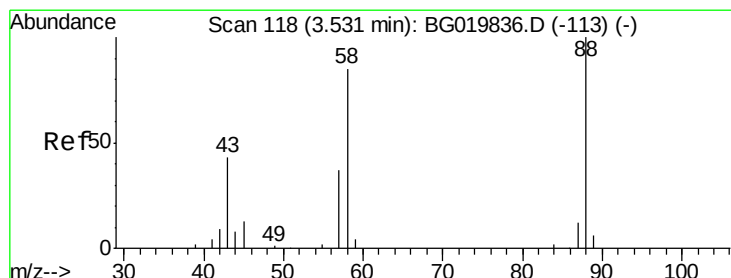
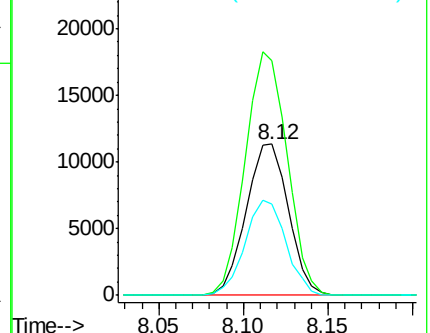
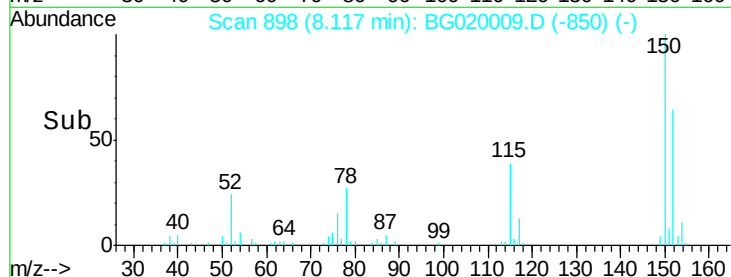
115 60.7 43.9 65.9



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



#2

1,4-Dioxane

Concen: 70.86 ng

RT: 3.52 min Scan# 116

Delta R.T. -0.01 min

Lab File: BG020009.D

Acq: 8 Dec 2015 9:16

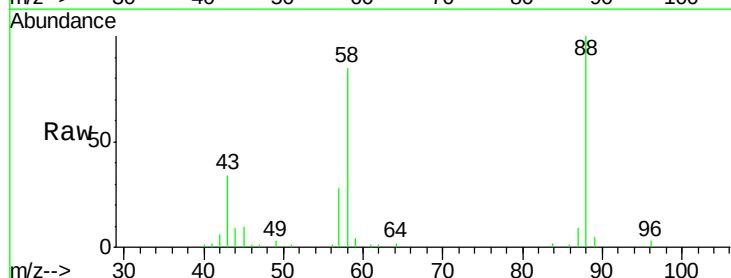
Tgt Ion: 88 Resp: 30130

Ion Ratio Lower Upper

88 100

58 85.1 0.0 0.0#

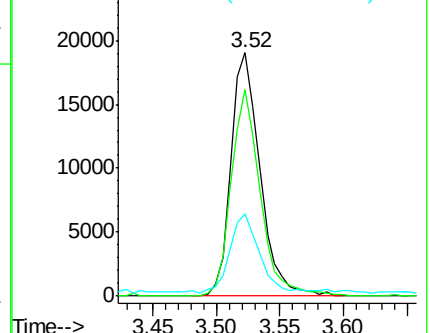
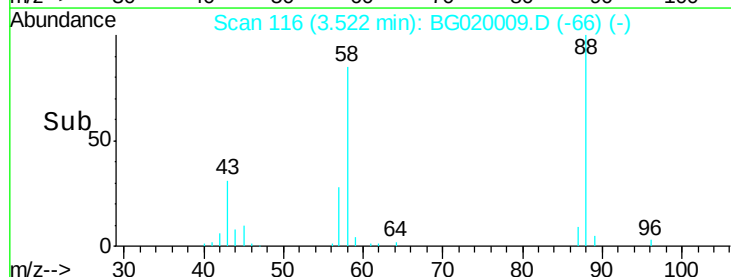
43 32.0 0.0 0.0#

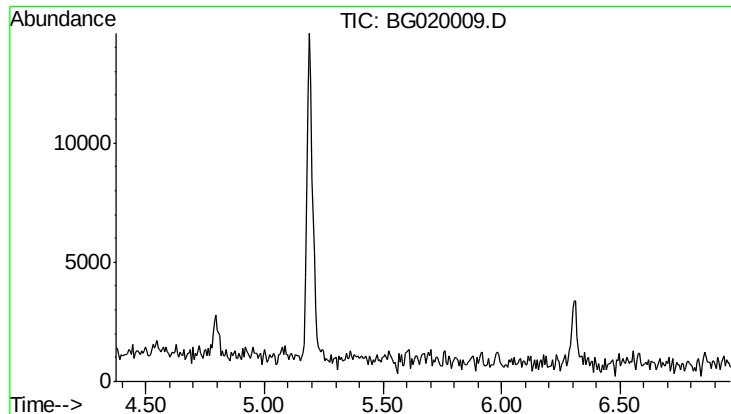


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

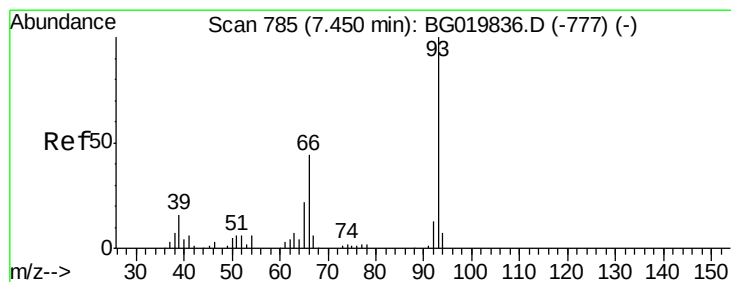
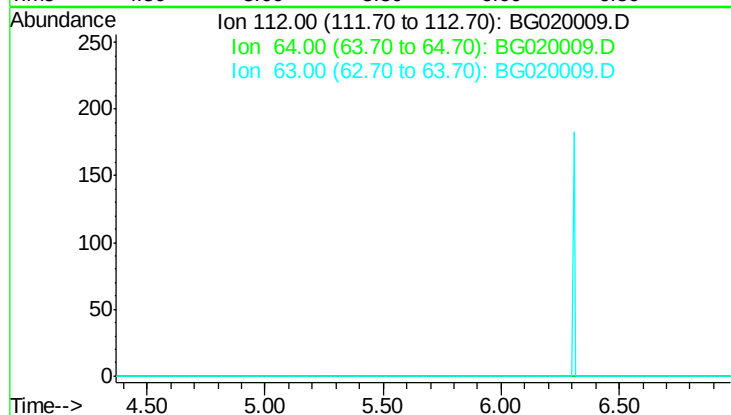




#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.67 min
 Lab File: BG020009.D
 Acq: 8 Dec 2015 9:16

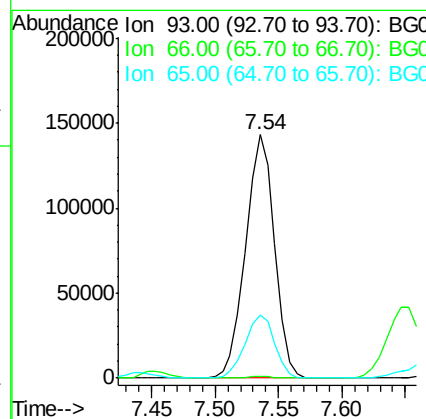
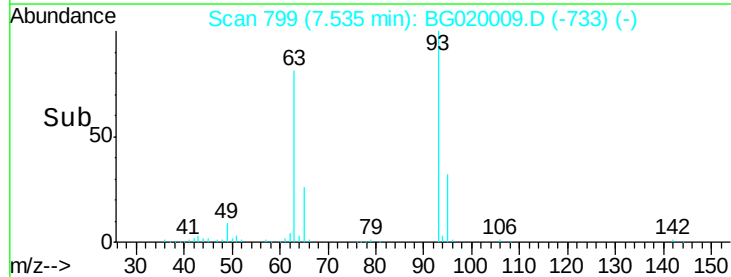
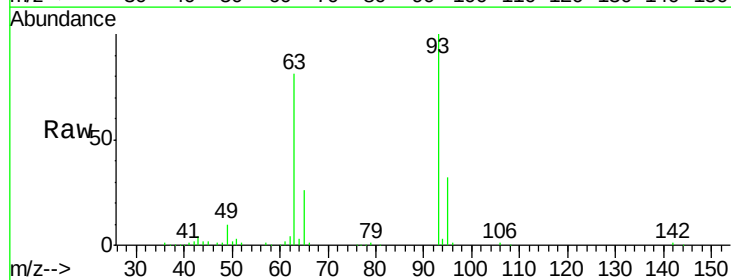
Instrument :
 BNA_F
 ClientSampleId :
 SP3516

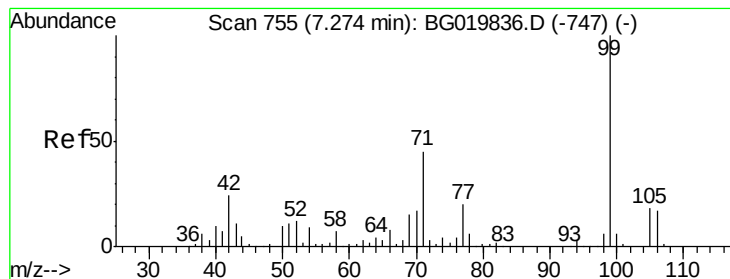
Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 54.6
 63 30.0



#6
 Aniline
 Concen: 105.93 ng
 RT: 7.54 min Scan# 799
 Delta R.T. 0.09 min
 Lab File: BG020009.D
 Acq: 8 Dec 2015 9:16

Tgt Ion: 93 Resp: 226074
 Ion Ratio Lower Upper
 93 100
 66 0.6 26.2 39.2#
 65 25.7 14.0 21.0#





#7

Phenol-d6

Concen: 189.30 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.00 min

Lab File: BG020009.D

Acq: 8 Dec 2015 9:16

Instrument :

BNA_F

ClientSampleId :

SP3516

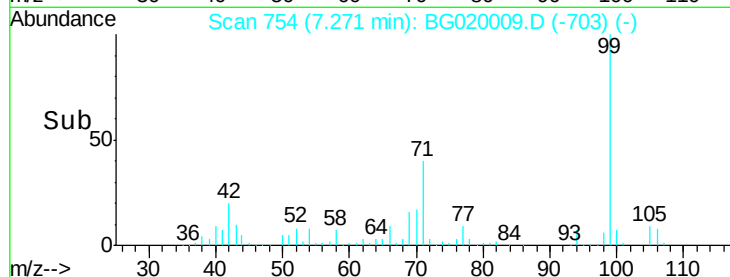
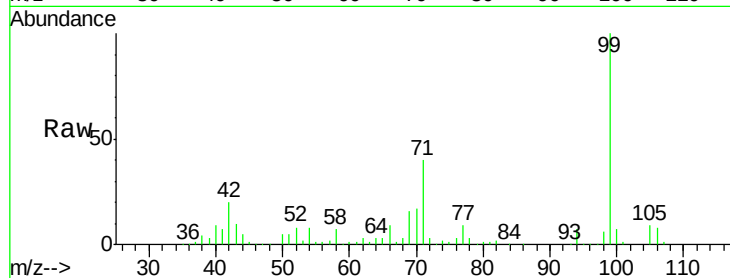
Tgt Ion: 99 Resp: 311979

Ion Ratio Lower Upper

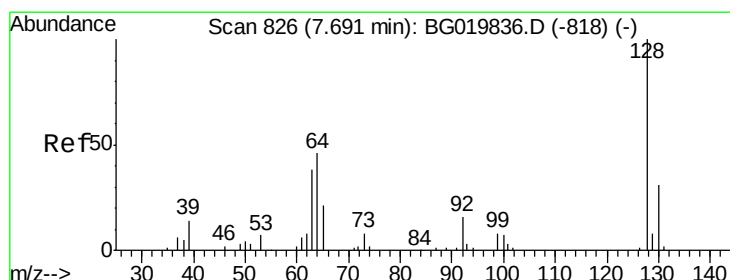
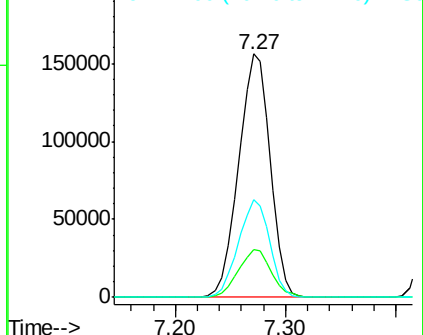
99 100

42 19.6 11.5 17.3#

71 40.0 22.6 34.0#



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



#8

2-Chlorophenol

Concen: 181.48 ng

RT: 7.68 min Scan# 824

Delta R.T. -0.01 min

Lab File: BG020009.D

Acq: 8 Dec 2015 9:16

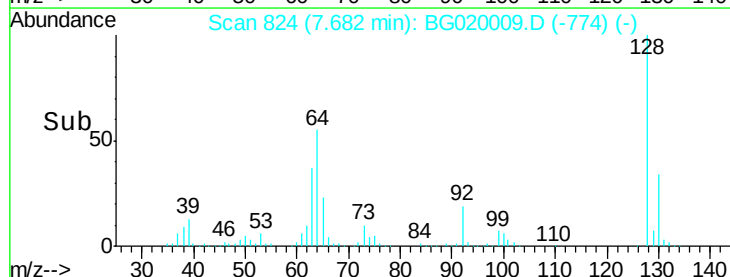
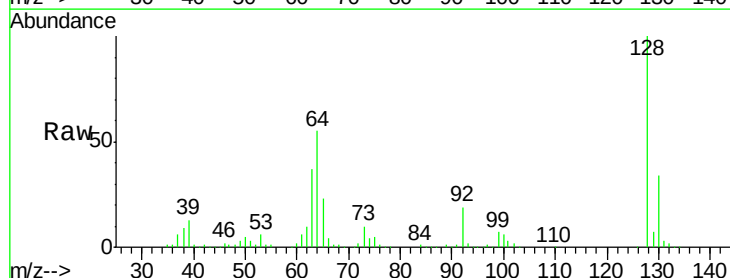
Tgt Ion: 128 Resp: 241551

Ion Ratio Lower Upper

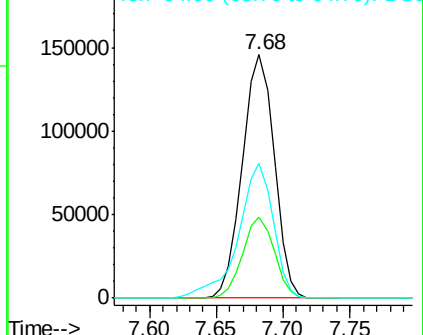
128 100

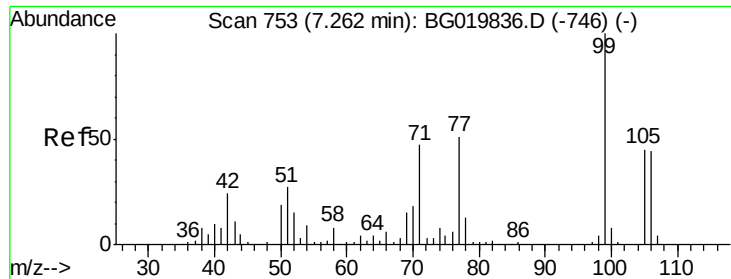
130 33.6 13.0 53.0

64 55.2 28.2 68.2



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 155.88 ng

RT: 7.25 min Scan# 750

Delta R.T. -0.01 min

Lab File: BG020009.D

Acq: 8 Dec 2015 9:16

Instrument :

BNA_F

ClientSampleId :

SP3516

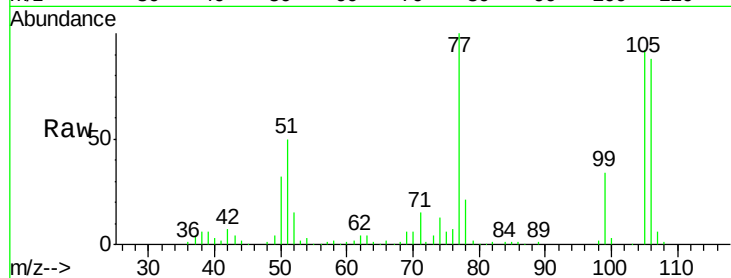
Tgt Ion: 77 Resp: 171316

Ion Ratio Lower Upper

77 100

105 91.6 77.7 117.7

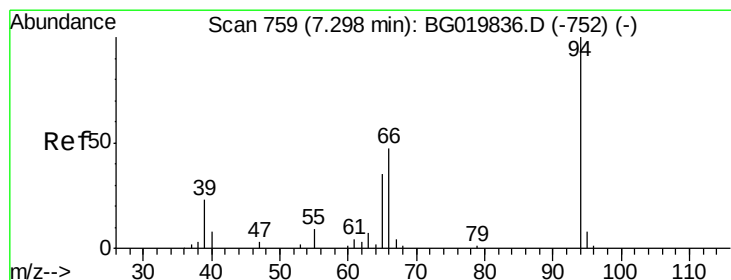
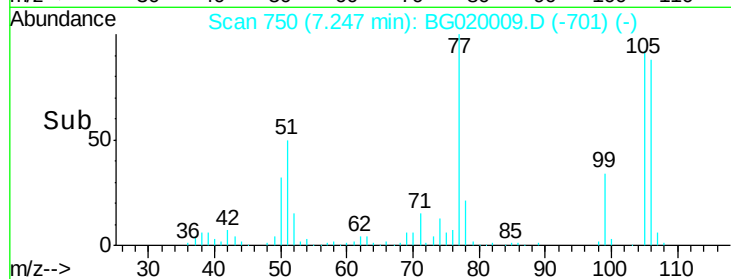
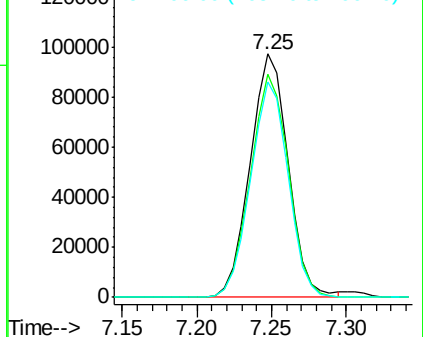
106 88.4 75.8 115.8



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 190.79 ng

RT: 7.30 min Scan# 759

Delta R.T. 0.00 min

Lab File: BG020009.D

Acq: 8 Dec 2015 9:16

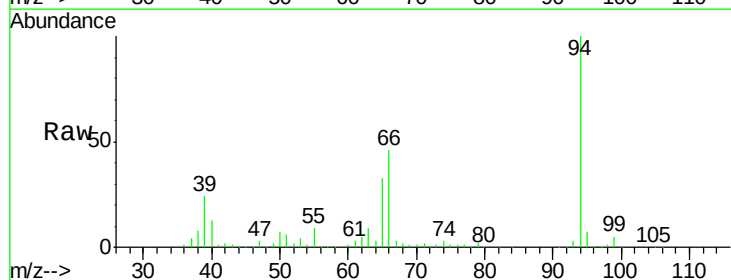
Tgt Ion: 94 Resp: 330929

Ion Ratio Lower Upper

94 100

65 33.4 5.4 45.4

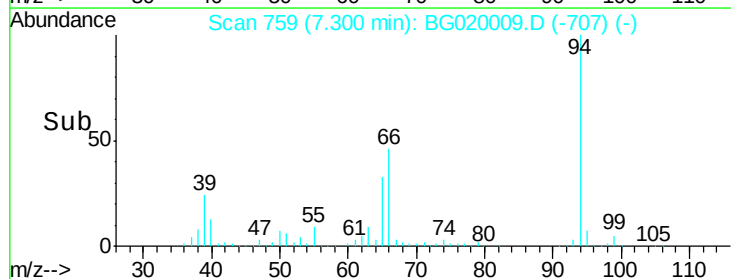
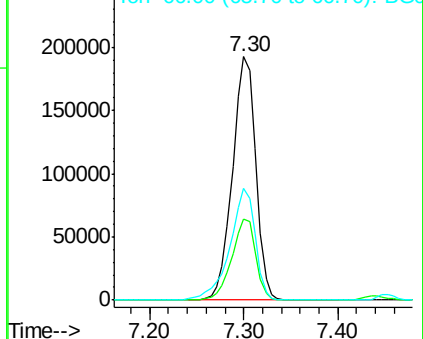
66 45.8 11.8 51.8

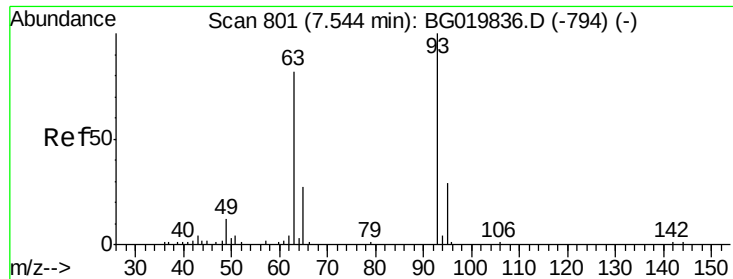


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

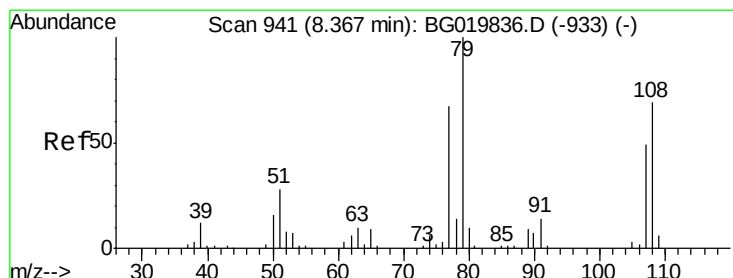
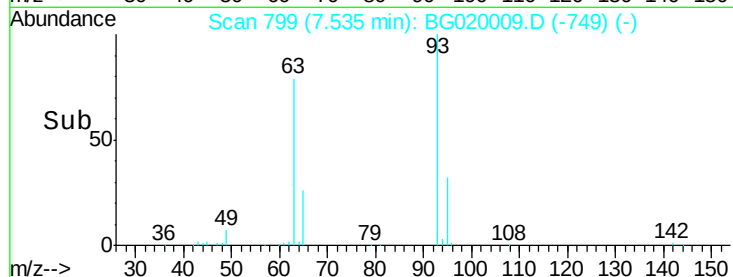
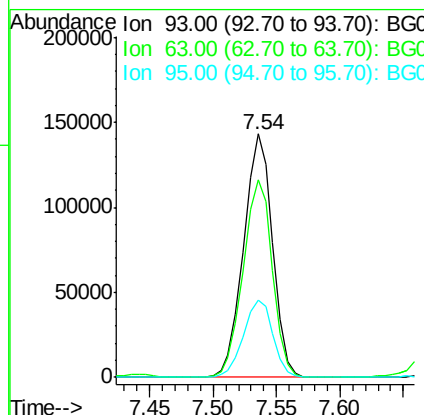
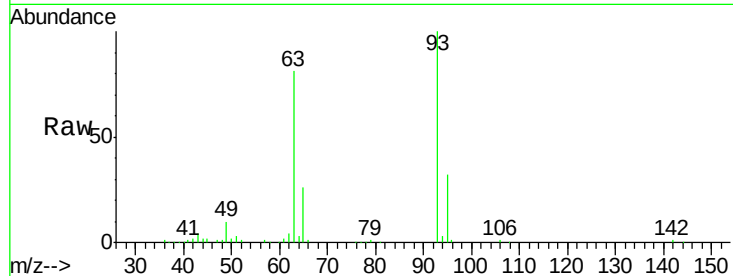




#11
bis(2-Chloroethyl)ether
Concen: 175.99 ng
RT: 7.54 min Scan# 799
Delta R.T. -0.01 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

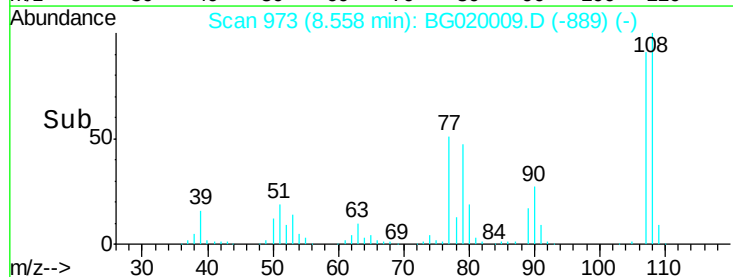
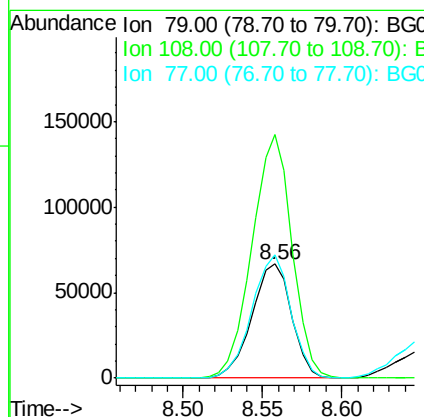
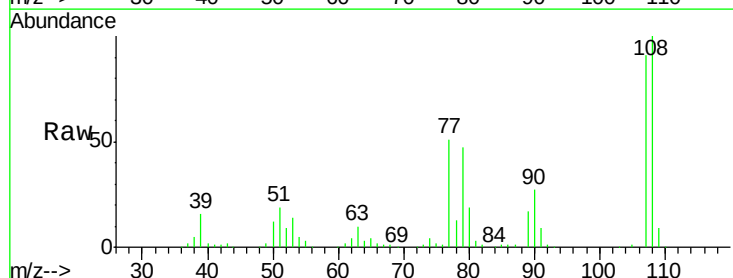
Instrument :
BNA_F
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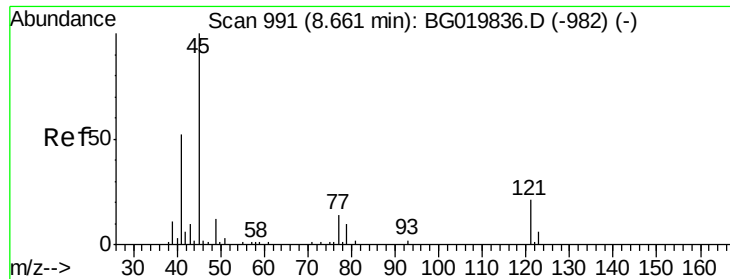
Tgt Ion: 93 Resp: 226074
Ion Ratio Lower Upper
93 100
63 81.0 50.5 90.5
95 31.6 12.2 52.2



#15
Benzyl Alcohol
Concen: 80.62 ng
RT: 8.56 min Scan# 973
Delta R.T. 0.19 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Tgt Ion: 79 Resp: 116596
Ion Ratio Lower Upper
79 100
108 214.0 65.5 98.3#
77 108.7 51.3 76.9#

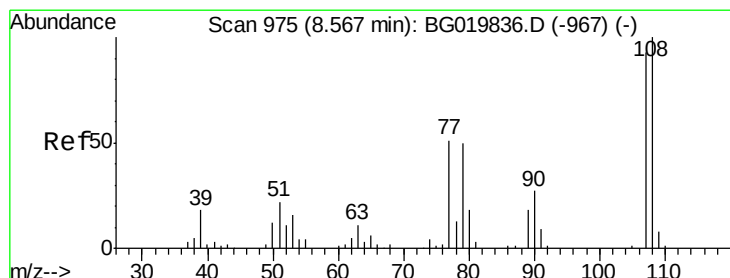
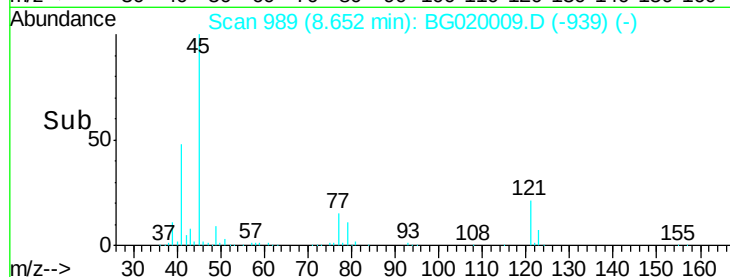
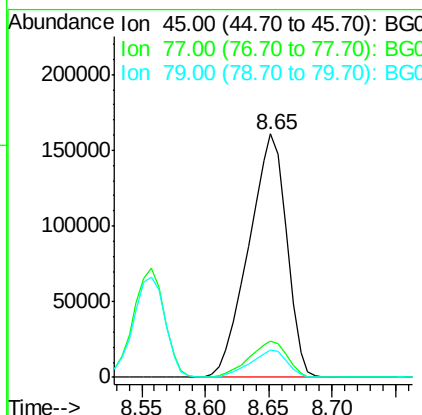
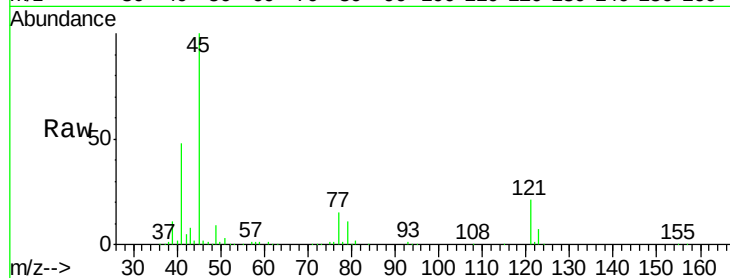




#16
2,2'-oxybis(1-Chloropropane)
Concen: 159.46 ng
RT: 8.65 min Scan# 989
Delta R.T. -0.01 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

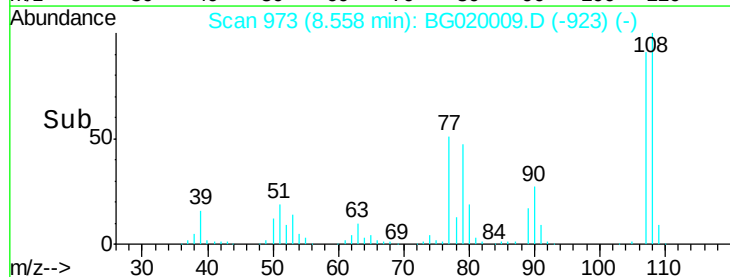
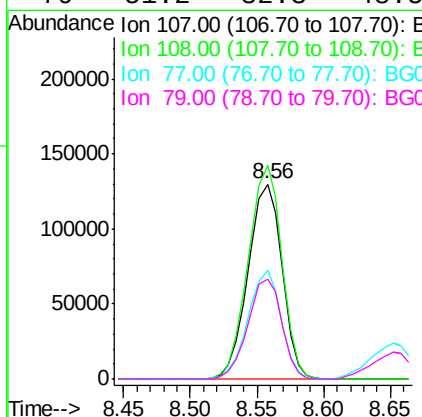
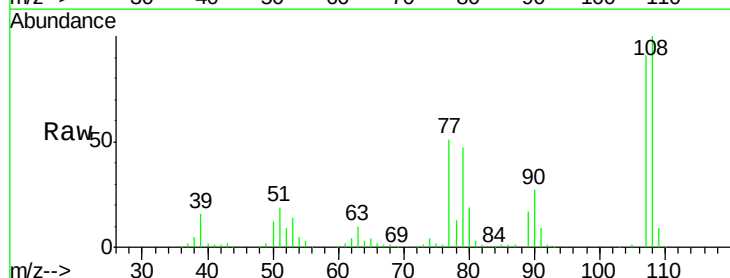
Instrument :
BNA_F
ClientSampleId :
SP3516

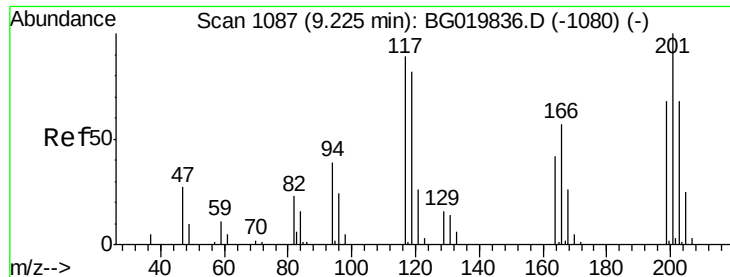
Tgt Ion: 45 Resp: 334078
Ion Ratio Lower Upper
45 100
77 14.9 0.0 37.0
79 11.3 0.0 33.8



#17
2-Methylphenol
Concen: 186.56 ng
RT: 8.56 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Tgt Ion: 107 Resp: 228441
Ion Ratio Lower Upper
107 100
108 109.5 86.5 129.7
77 55.6 34.6 51.8#
79 51.2 32.3 48.5#

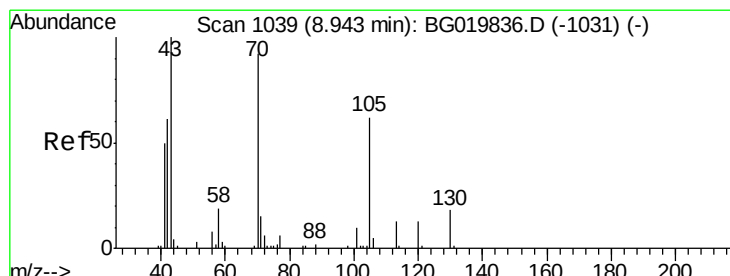
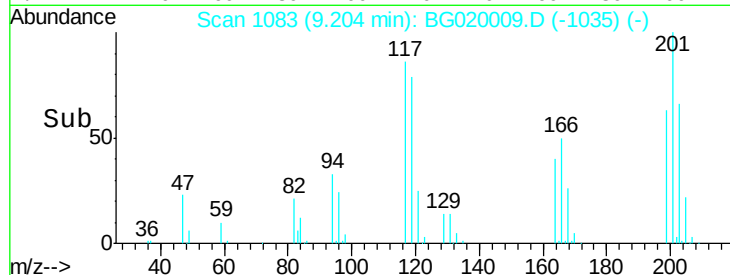
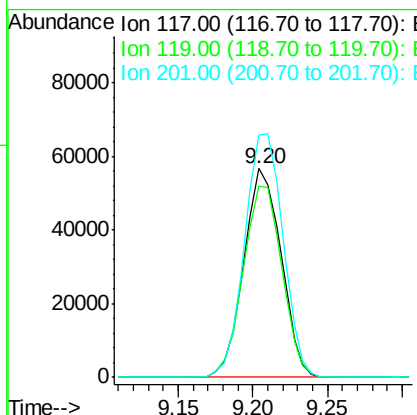
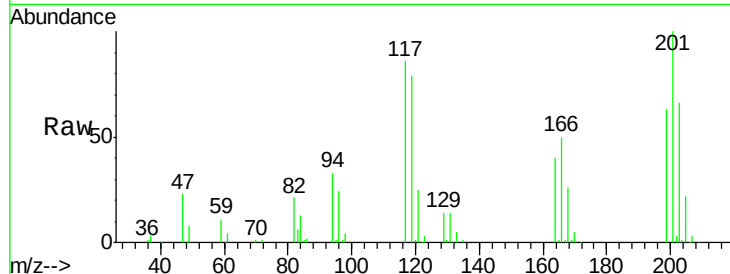




#18
 Hexachloroethane
 Concen: 168.07 ng
 RT: 9.20 min Scan# 1083
 Delta R.T. -0.02 min
 Lab File: BG020009.D
 Acq: 8 Dec 2015 9:16

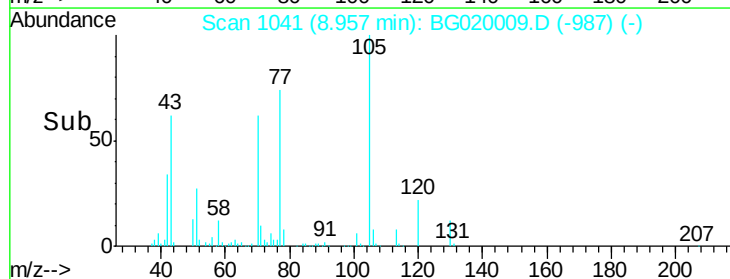
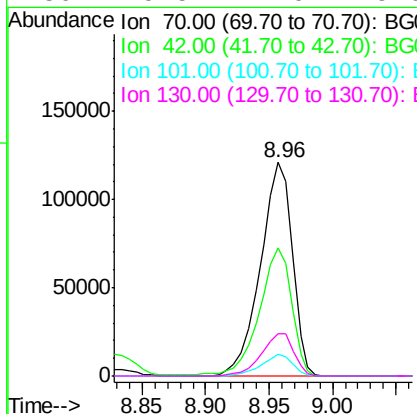
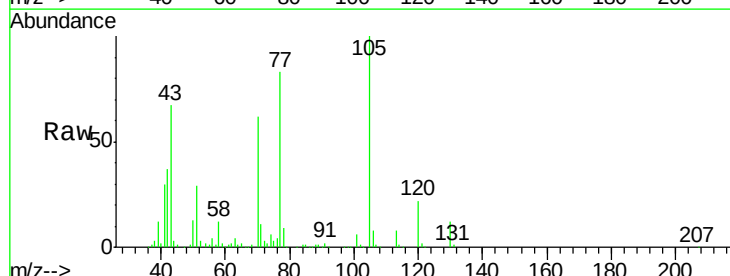
Instrument :
 BNA_F
 ClientSampleId :
 SP3516

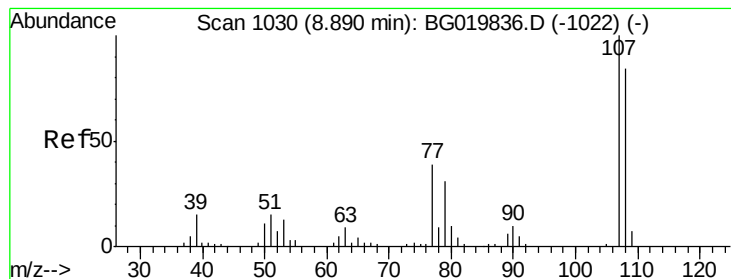
Tgt Ion: 117 Resp: 98058
 Ion Ratio Lower Upper
 117 100
 119 91.7 71.7 107.5
 201 116.2 90.9 136.3



#19
 n-Nitroso-di-n-propylamine
 Concen: 163.11 ng
 RT: 8.96 min Scan# 1041
 Delta R.T. 0.01 min
 Lab File: BG020009.D
 Acq: 8 Dec 2015 9:16

Tgt Ion: 70 Resp: 212003
 Ion Ratio Lower Upper
 70 100
 42 59.9 40.6 60.8
 101 10.0 8.6 13.0
 130 19.5 17.0 25.6





#20

3+4-Methylphenols

Concen: 181.05 ng

RT: 8.90 min Scan# 1032

Delta R.T. 0.01 min

Lab File: BG020009.D

Acq: 8 Dec 2015 9:16

Instrument :

BNA_F

ClientSampleId :

SP3516

Tgt Ion:107 Resp: 312182

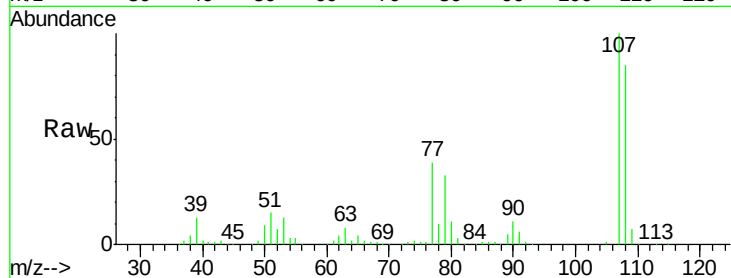
Ion Ratio Lower Upper

107 100

108 84.7 72.2 112.2

77 39.1 13.4 53.4

79 33.1 7.2 47.2

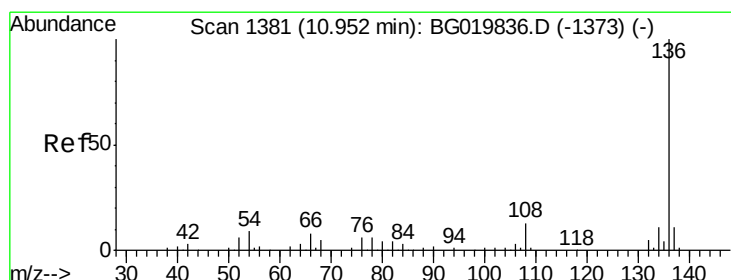
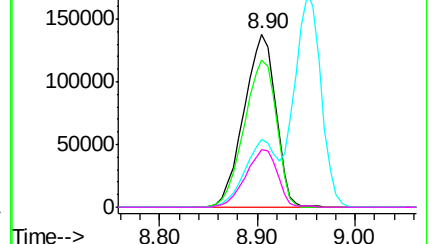
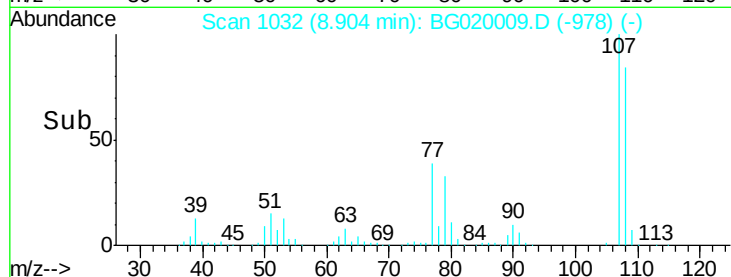


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.94 min Scan# 1378

Delta R.T. -0.01 min

Lab File: BG020009.D

Acq: 8 Dec 2015 9:16

Tgt Ion:136 Resp: 85836

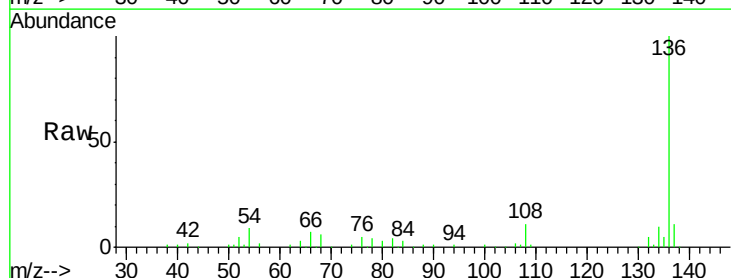
Ion Ratio Lower Upper

136 100

137 11.1 8.6 12.8

54 8.8 5.4 8.2#

68 6.1 5.3 7.9

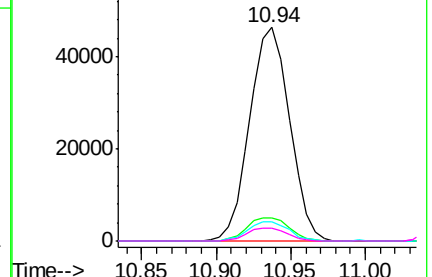
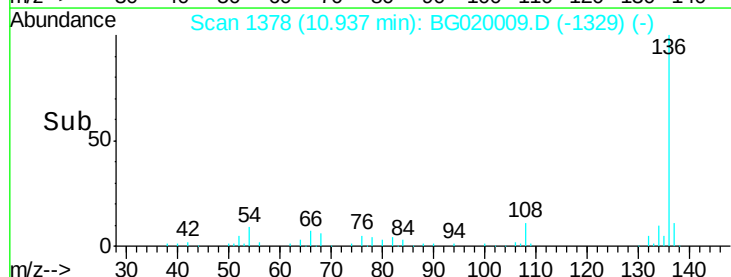


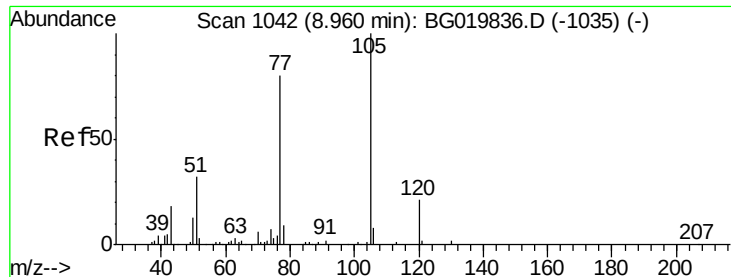
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC





#22

Acetophenone

Concen: 166.79 ng

RT: 8.95 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BG020009.D

Acq: 8 Dec 2015 9:16

Instrument :

BNA_F

ClientSampleId :

SP3516

Tgt Ion: 105 Resp: 392439

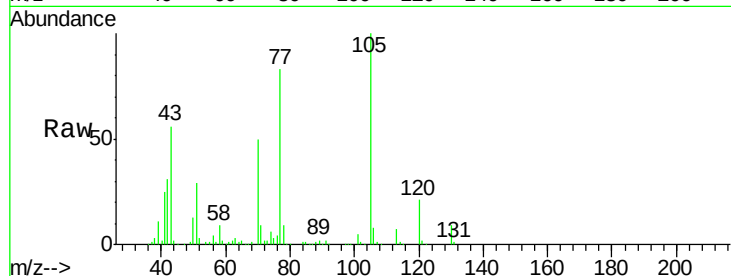
Ion Ratio Lower Upper

105 100

71 9.1 2.1 3.1#

51 29.3 17.8 26.8#

120 20.5 17.7 26.5

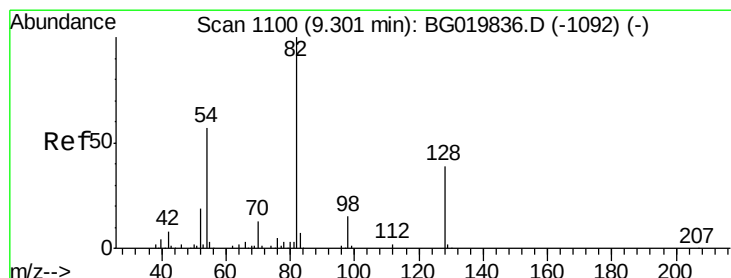
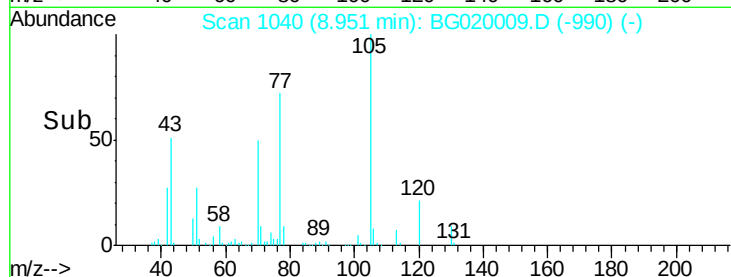
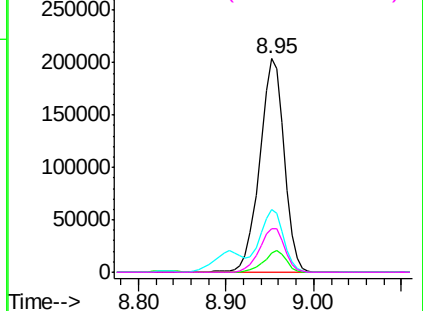


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 181.71 ng

RT: 9.29 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BG020009.D

Acq: 8 Dec 2015 9:16

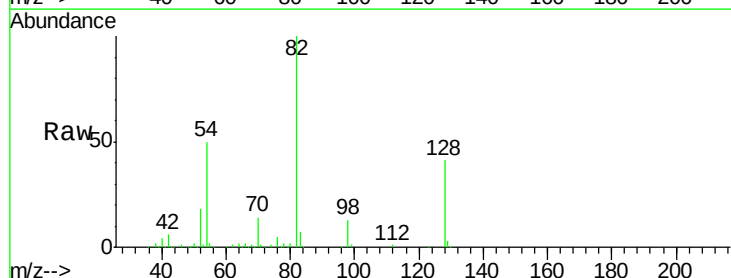
Tgt Ion: 82 Resp: 305624

Ion Ratio Lower Upper

82 100

128 40.9 36.7 55.1

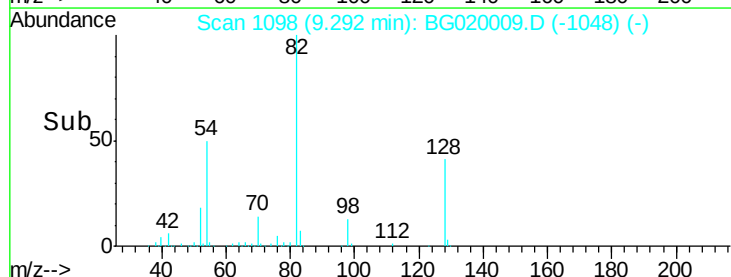
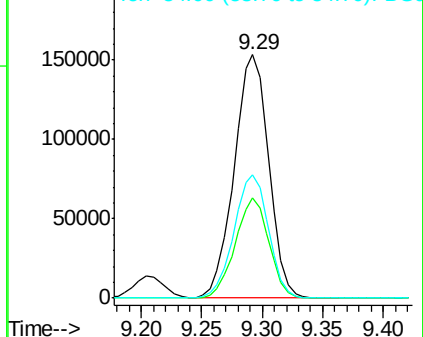
54 50.5 33.8 50.8

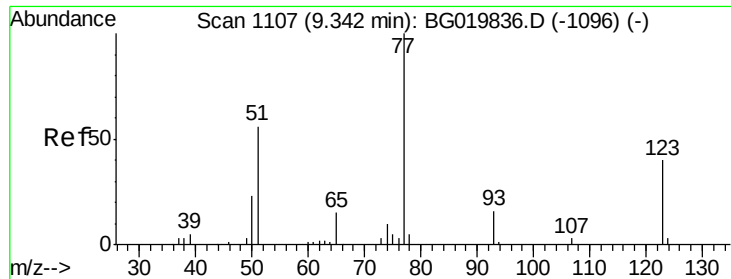


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

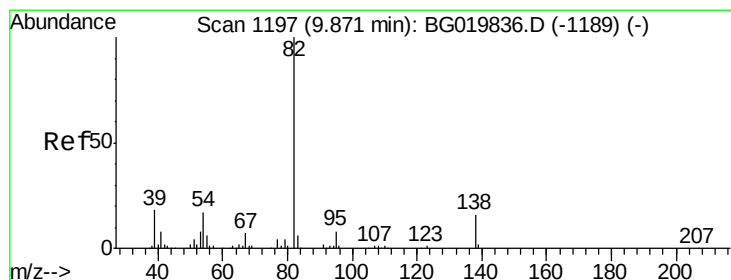
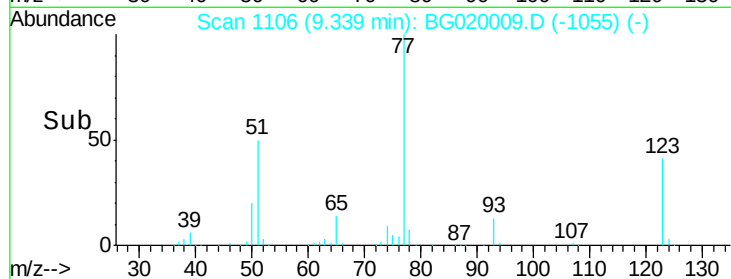
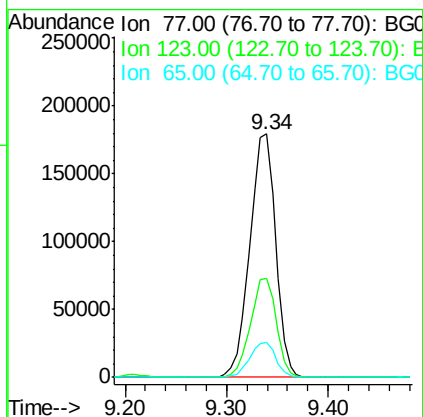
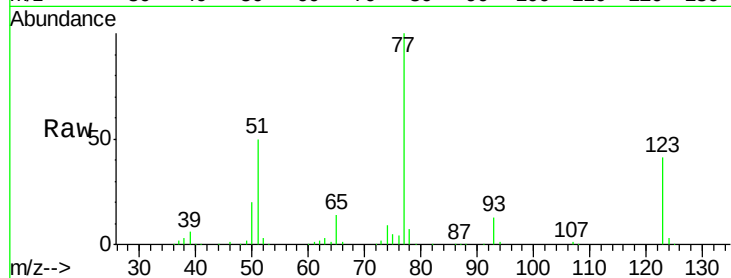




#24
Nitrobenzene
Concen: 173.95 ng
RT: 9.34 min Scan# 1106
Delta R.T. -0.00 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

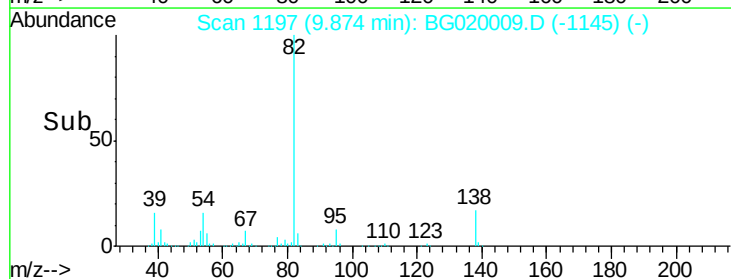
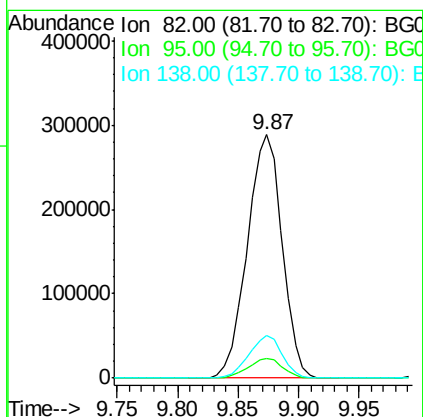
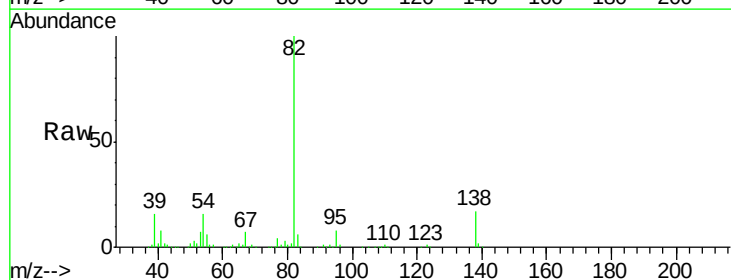
Instrument :
BNA_F
ClientSampleId :
SP3516

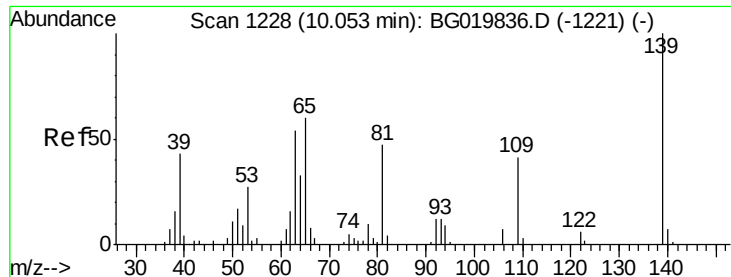
Tgt Ion: 77 Resp: 317358
Ion Ratio Lower Upper
77 100
123 40.6 38.2 57.2
65 14.4 10.6 16.0



#25
Isophorone
Concen: 160.29 ng
RT: 9.87 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Tgt Ion: 82 Resp: 577965
Ion Ratio Lower Upper
82 100
95 8.0 5.2 7.8#
138 17.3 14.4 21.6

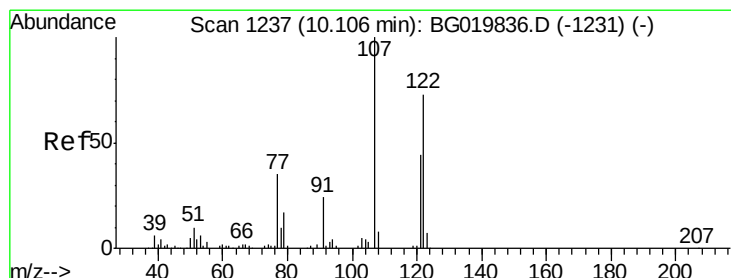
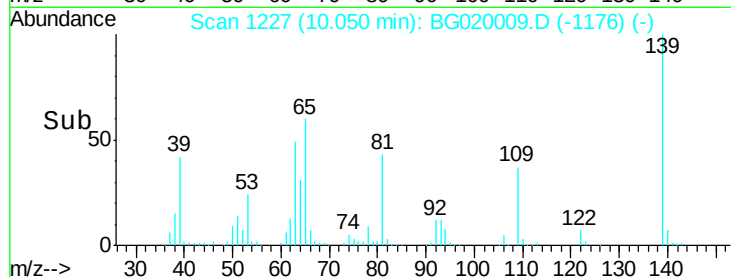
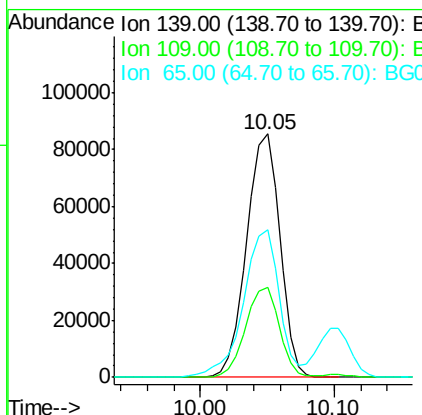
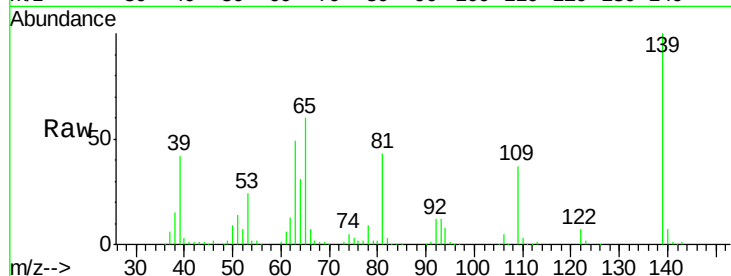




#26
 2-Nitrophenol
 Concen: 209.84 ng
 RT: 10.05 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: BG020009.D
 Acq: 8 Dec 2015 9:16

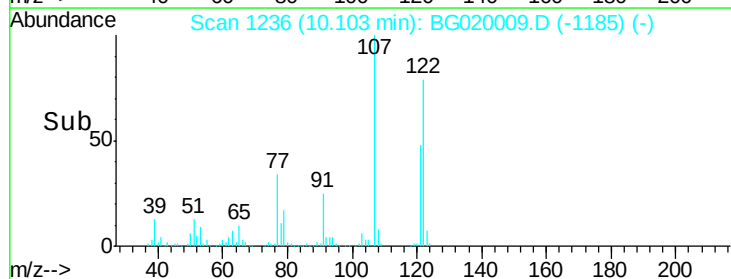
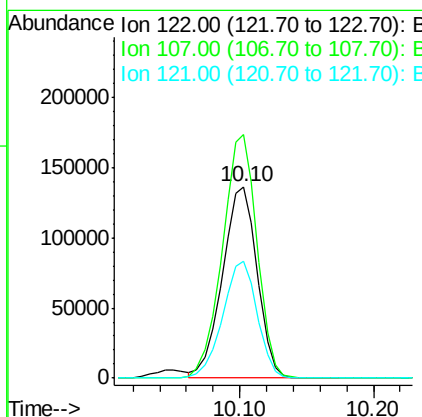
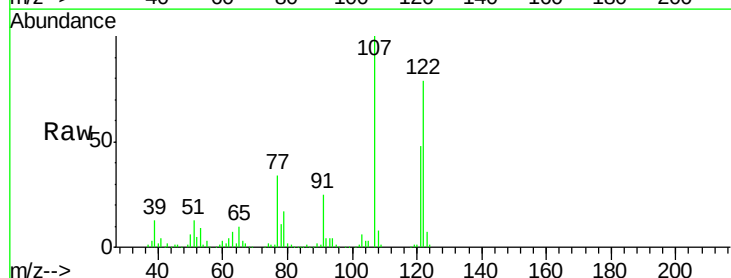
Instrument :
 BNA_F
 ClientSampleId :
 SP3516

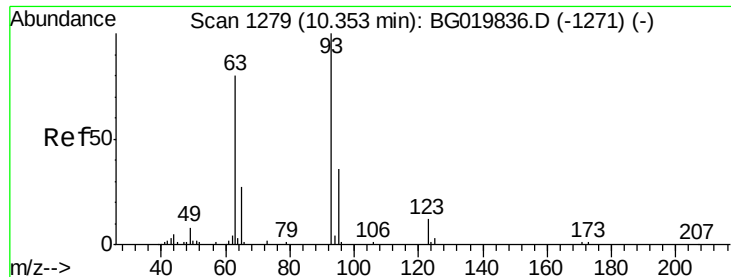
Tgt Ion:139 Resp: 147855
 Ion Ratio Lower Upper
 139 100
 109 36.8 20.1 30.1#
 65 60.4 34.1 51.1#



#27
 2,4-Dimethylphenol
 Concen: 169.42 ng
 RT: 10.10 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: BG020009.D
 Acq: 8 Dec 2015 9:16

Tgt Ion:122 Resp: 248597
 Ion Ratio Lower Upper
 122 100
 107 127.1 91.6 137.4
 121 61.0 47.3 70.9

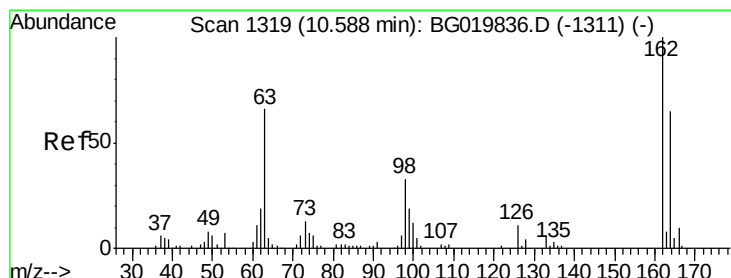
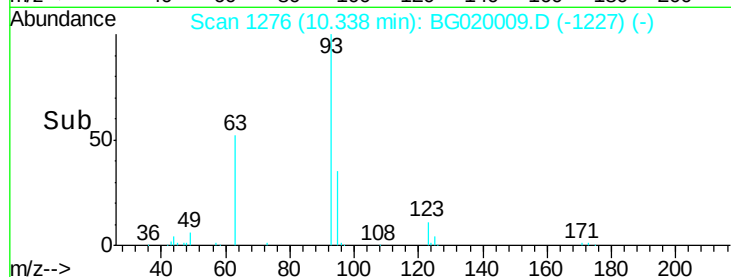
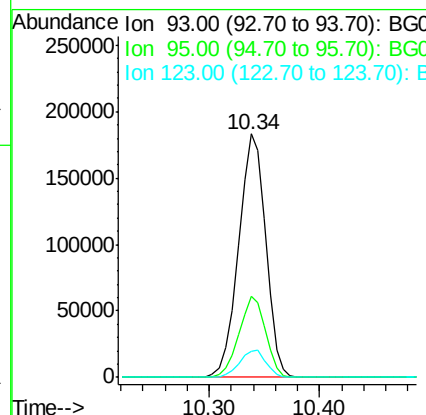
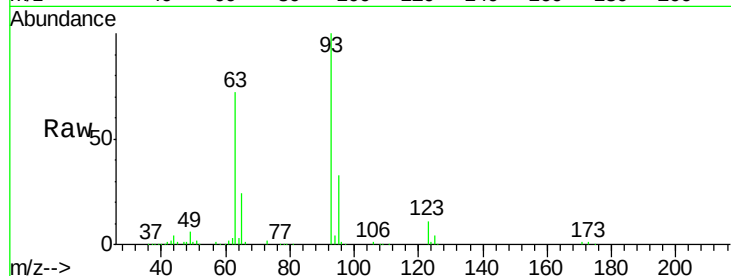




#28
bis(2-Chloroethoxy)methane
Concen: 179.30 ng
RT: 10.34 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

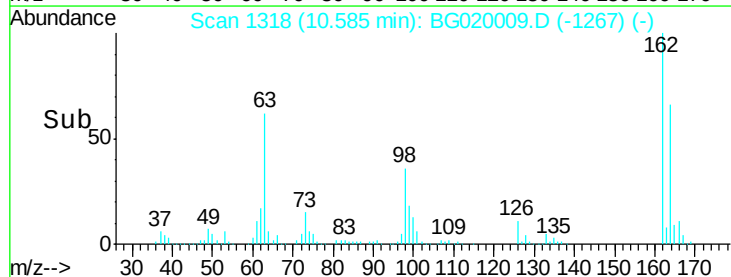
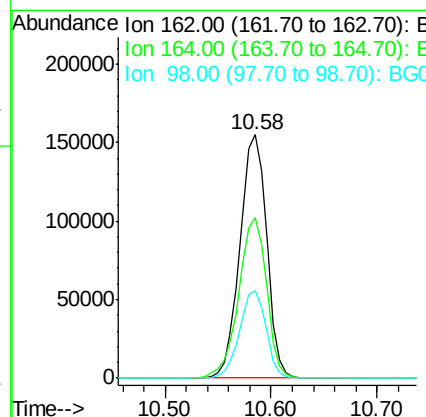
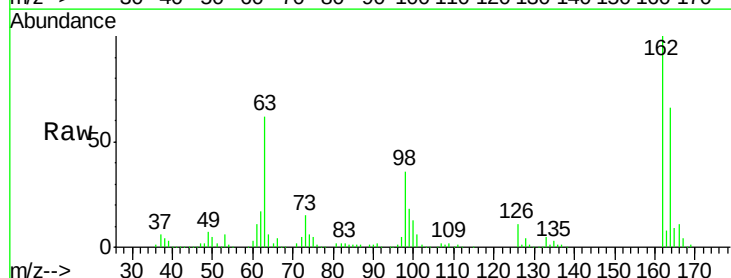
Instrument :
BNA_F
ClientSampleId :
SP3516

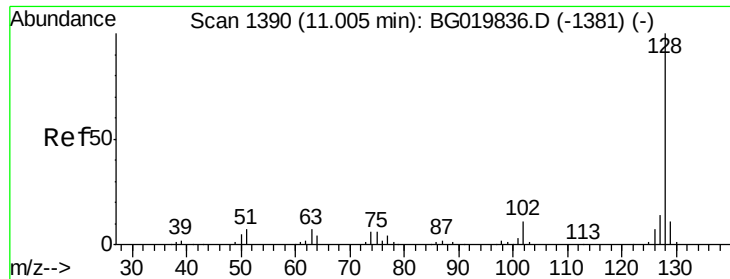
Tgt Ion: 93 Resp: 315917
Ion Ratio Lower Upper
93 100
95 33.4 25.7 38.5
123 10.9 8.6 12.8



#29
2,4-Dichlorophenol
Concen: 180.56 ng
RT: 10.58 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Tgt Ion: 162 Resp: 270651
Ion Ratio Lower Upper
162 100
164 65.8 42.3 82.3
98 35.8 11.5 51.5





#31

Naphthalene

Concen: 166.26 ng

RT: 10.99 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BG020009.D

Acq: 8 Dec 2015 9:16

Instrument :

BNA_F

ClientSampleId :

SP3516

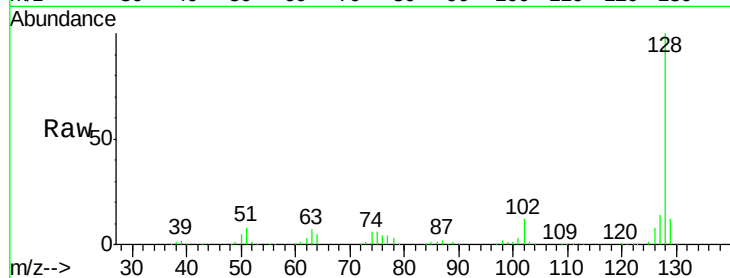
Tgt Ion:128 Resp: 764511

Ion Ratio Lower Upper

128 100

129 11.8 8.5 12.7

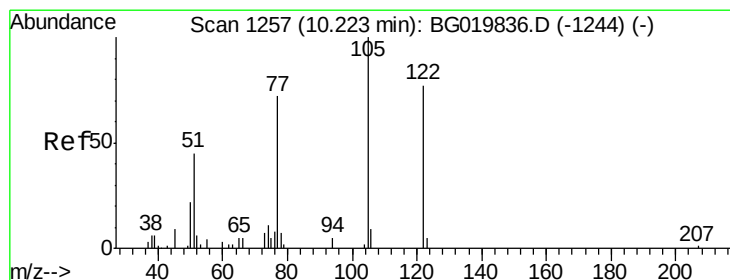
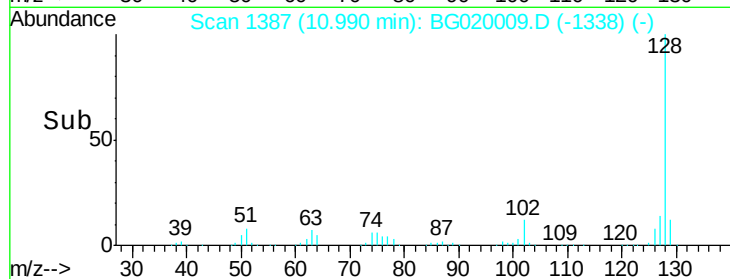
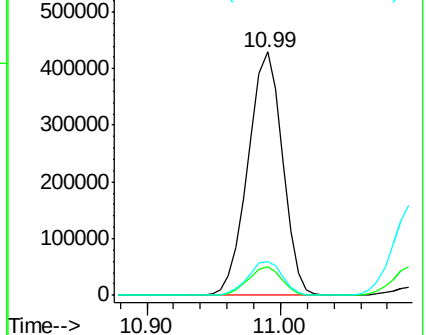
127 14.0 10.6 16.0



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: 225.96 ng

RT: 10.10 min Scan# 1236

Delta R.T. -0.12 min

Lab File: BG020009.D

Acq: 8 Dec 2015 9:16

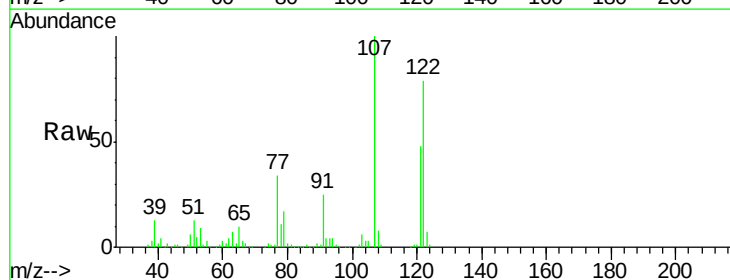
Tgt Ion:122 Resp: 248597

Ion Ratio Lower Upper

122 100

105 4.4 103.8 143.8#

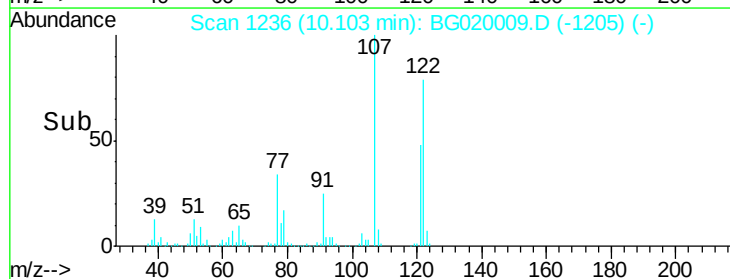
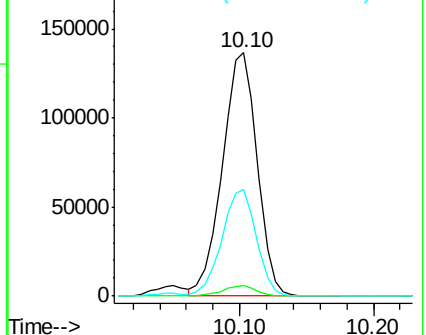
77 43.7 68.8 108.8#

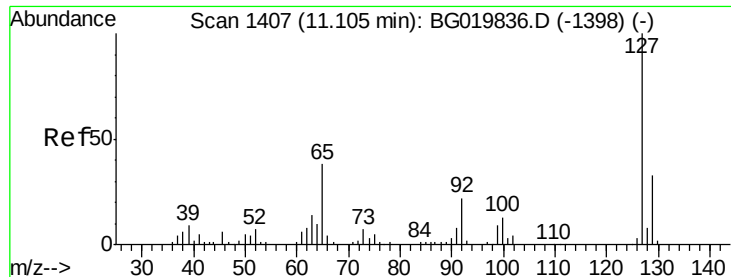


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG0

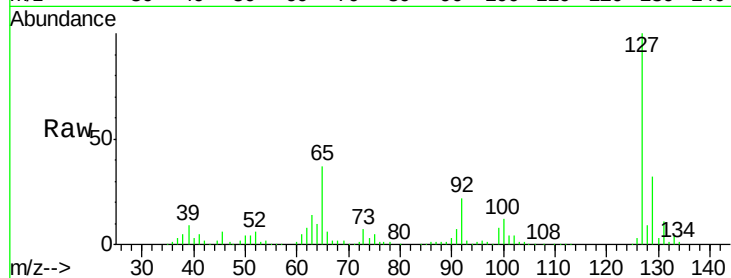




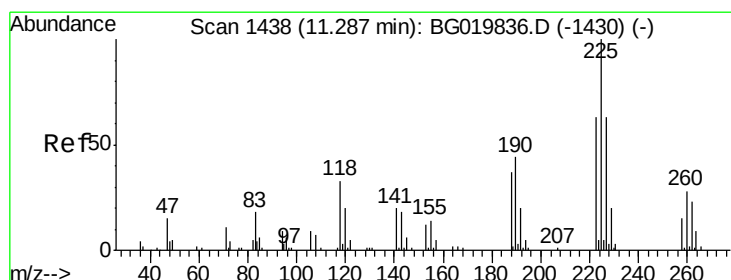
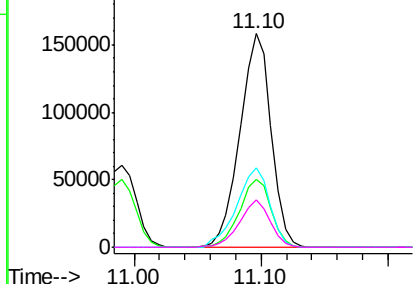
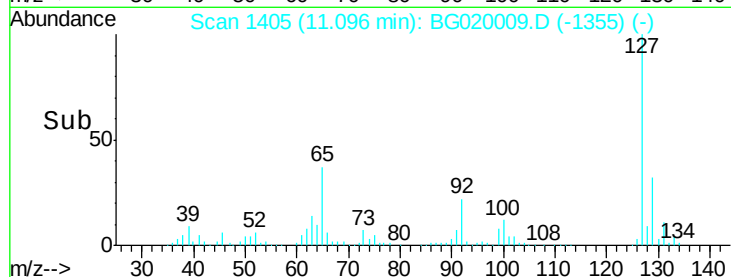
#33
4-Chloroaniline
Concen: 133.20 ng
RT: 11.10 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Instrument :
BNA_F
ClientSampled :
SP3516

Tgt Ion:	127	Resp:	269907
Ion	Ratio	Lower	Upper
127	100		
129	31.7	24.6	37.0
65	37.2	22.6	33.8
92	22.1	15.1	22.7

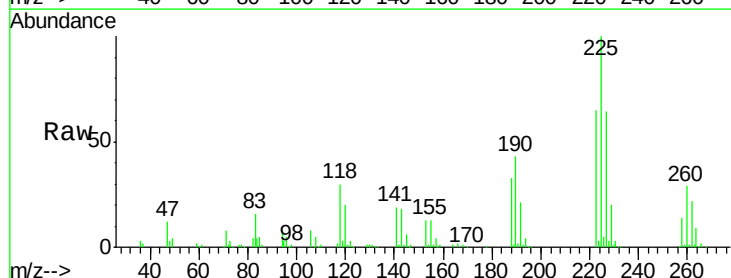


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

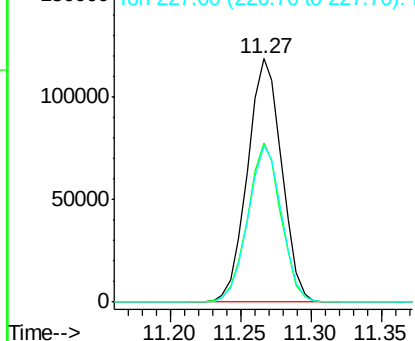
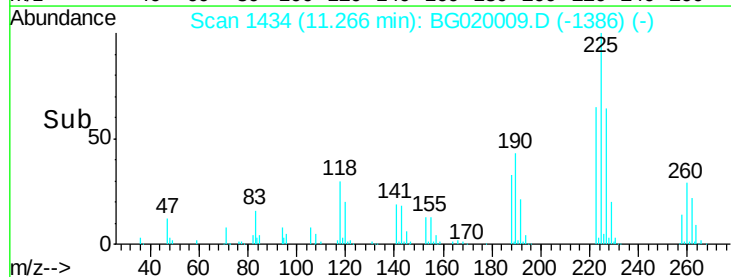


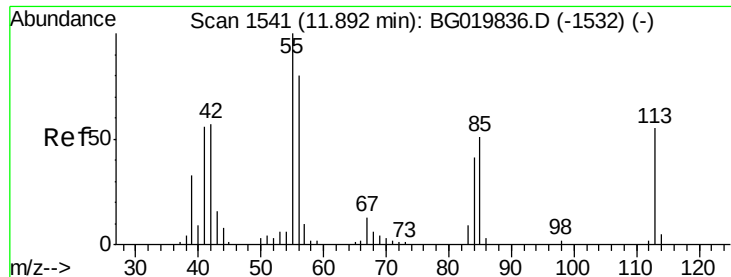
#34
Hexachlorobutadiene
Concen: 161.41 ng
RT: 11.27 min Scan# 1434
Delta R.T. -0.02 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Tgt Ion:	225	Resp:	201694
Ion	Ratio	Lower	Upper
225	100		
223	65.3	51.0	76.4
227	64.4	51.8	77.8



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

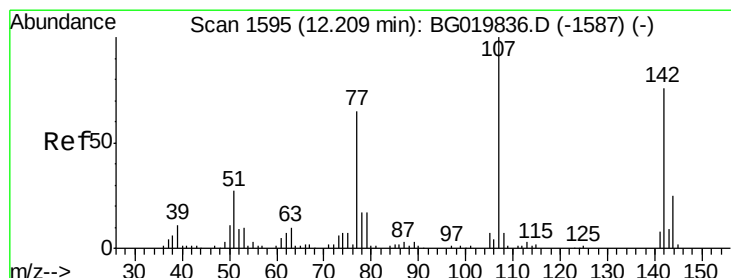
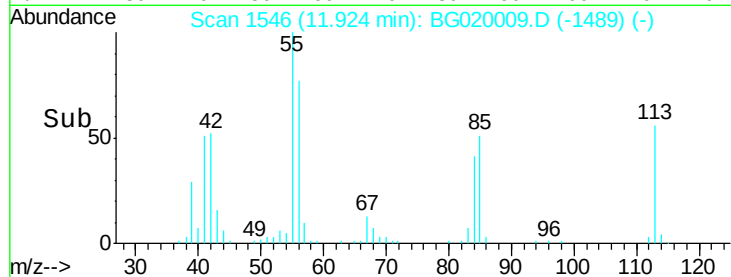
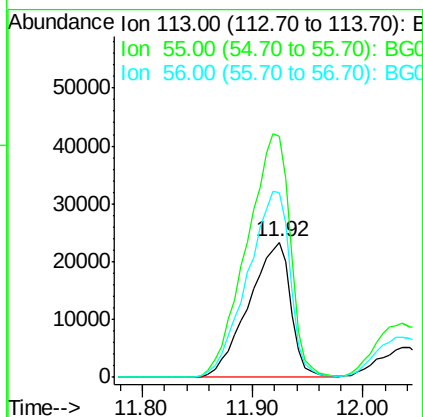
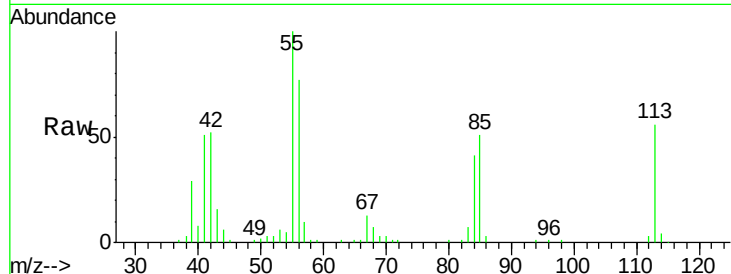




#35
 Caprolactam
 Concen: 111.83 ng
 RT: 11.92 min Scan# 1546
 Delta R.T. 0.03 min
 Lab File: BG020009.D
 Acq: 8 Dec 2015 9:16

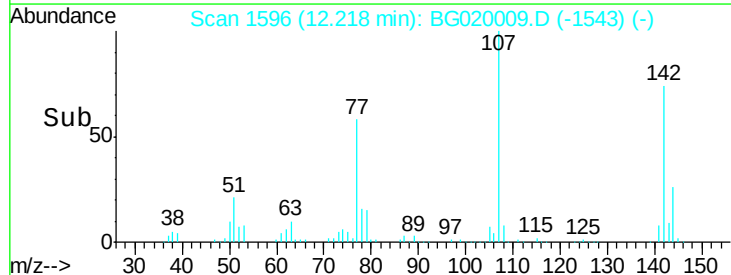
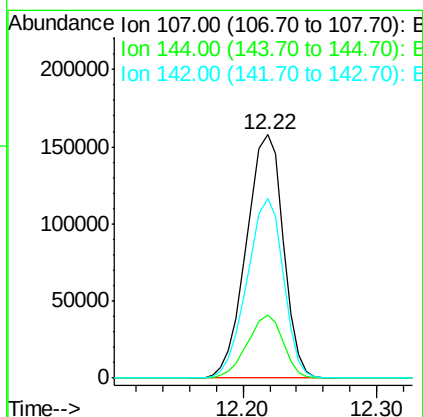
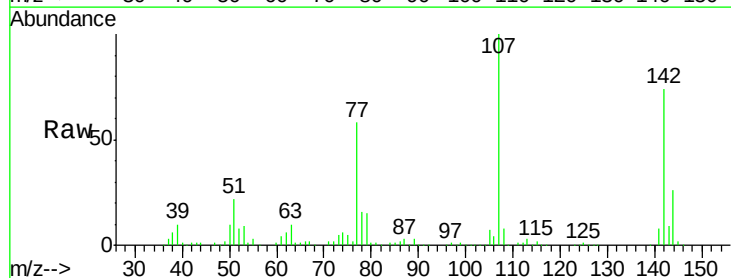
Instrument :
 BNA_F
 ClientSampleId :
 SP3516

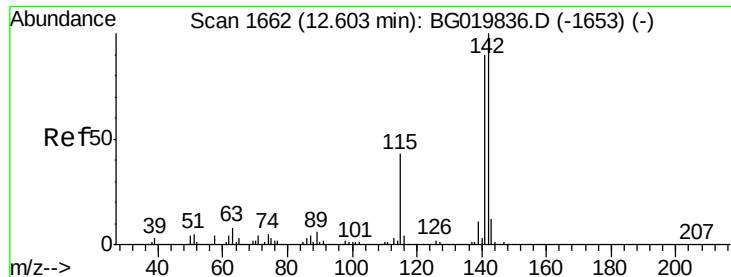
Tgt Ion:113 Resp: 62401
 Ion Ratio Lower Upper
 113 100
 55 178.0 135.0 175.0#
 56 136.4 83.4 123.4#



#36
 4-Chloro-3-methylphenol
 Concen: 161.28 ng
 RT: 12.22 min Scan# 1596
 Delta R.T. 0.01 min
 Lab File: BG020009.D
 Acq: 8 Dec 2015 9:16

Tgt Ion:107 Resp: 301079
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.6 31.0
 142 73.7 62.6 93.8

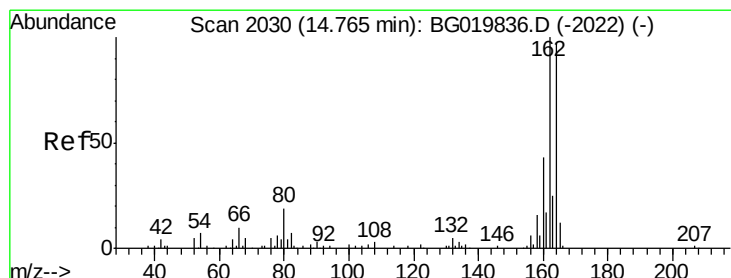
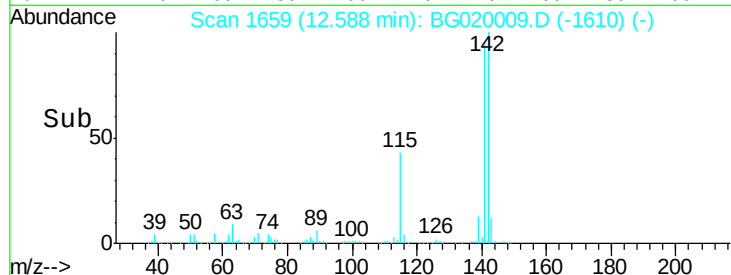
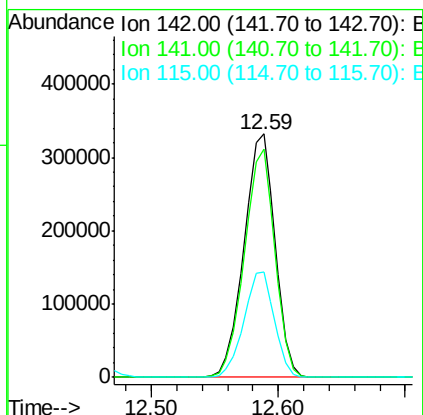
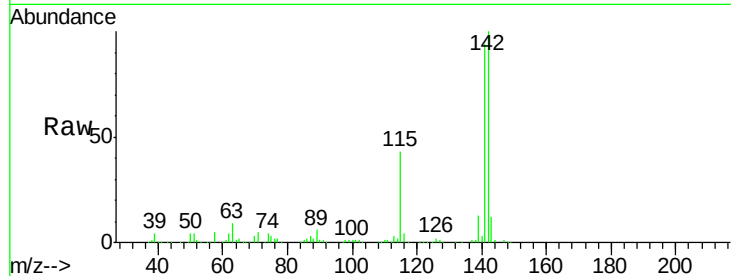




#37
 2-Methylnaphthalene
 Concen: 167.69 ng
 RT: 12.59 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BG020009.D
 Acq: 8 Dec 2015 9:16

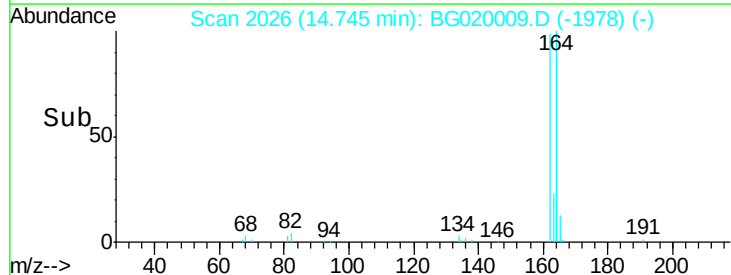
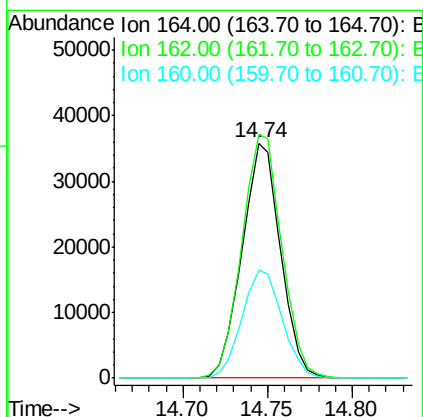
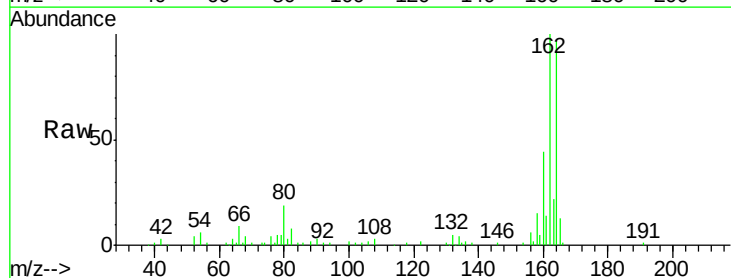
Instrument :
 BNA_F
 ClientSampleId :
 SP3516

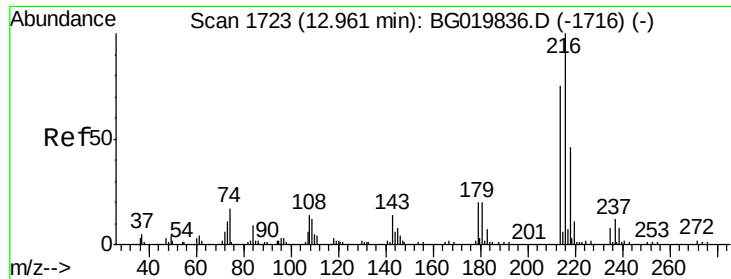
Tgt Ion:142 Resp: 565078
 Ion Ratio Lower Upper
 142 100
 141 93.8 74.6 112.0
 115 43.0 27.4 41.0#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2026
 Delta R.T. -0.02 min
 Lab File: BG020009.D
 Acq: 8 Dec 2015 9:16

Tgt Ion:164 Resp: 56606
 Ion Ratio Lower Upper
 164 100
 162 103.5 78.8 118.2
 160 45.9 36.4 54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 178.83 ng

RT: 12.95 min Scan# 1721

Delta R.T. -0.01 min

Lab File: BG020009.D

Acq: 8 Dec 2015 9:16

Instrument :

BNA_F

ClientSampleId :

SP3516

Tgt Ion:216 Resp: 384140

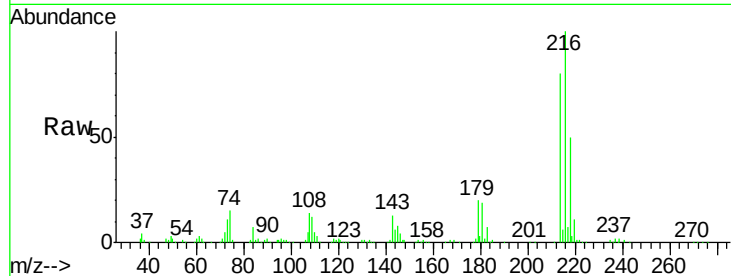
Ion Ratio Lower Upper

216 100

214 79.3 62.5 93.7

179 20.0 15.6 23.4

108 16.5 13.3 19.9

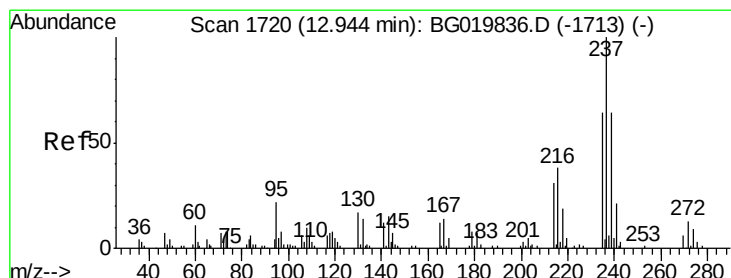
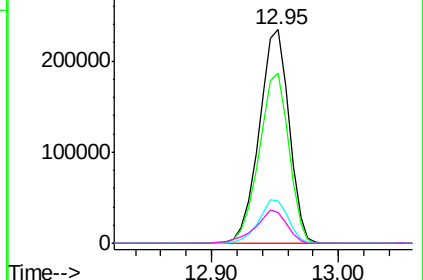
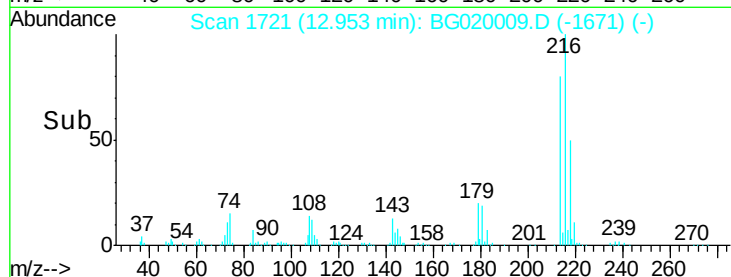


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 195.35 ng

RT: 12.93 min Scan# 1717

Delta R.T. -0.01 min

Lab File: BG020009.D

Acq: 8 Dec 2015 9:16

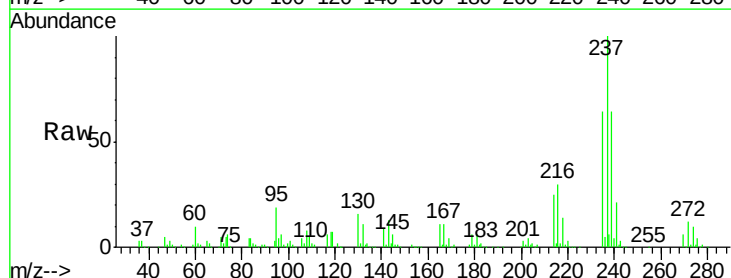
Tgt Ion:237 Resp: 239277

Ion Ratio Lower Upper

237 100

235 63.7 44.6 84.6

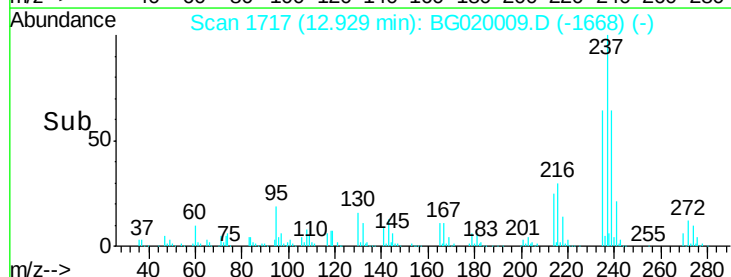
272 12.4 0.0 32.8



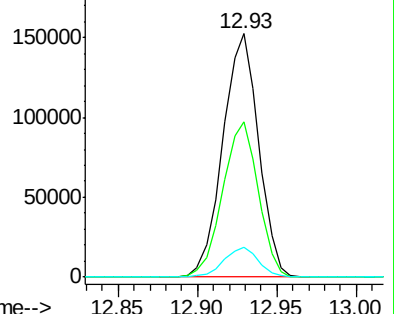
Abundance Ion 236.80 (236.50 to 237.50): E

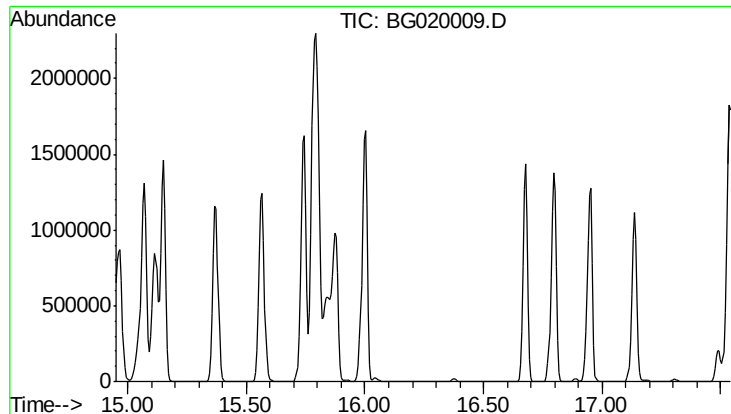
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

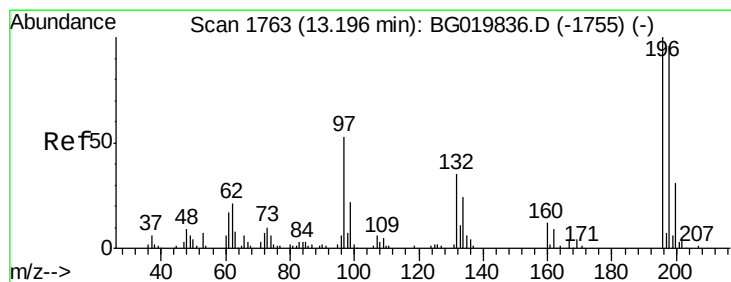
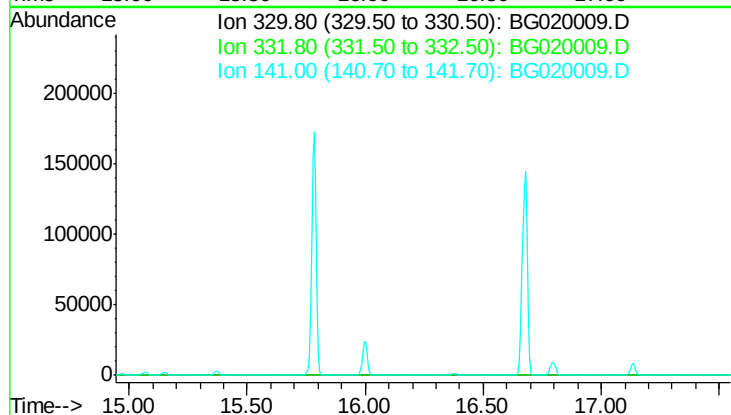




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 16.25 min
 Lab File: BG020009.D
 Acq: 8 Dec 2015 9:16

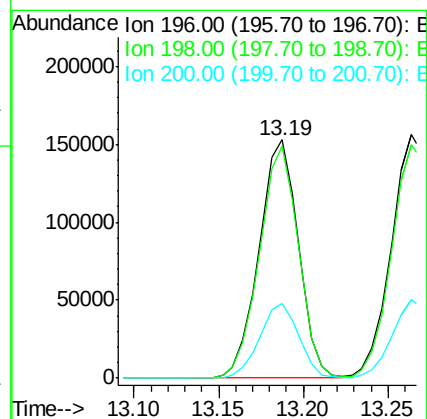
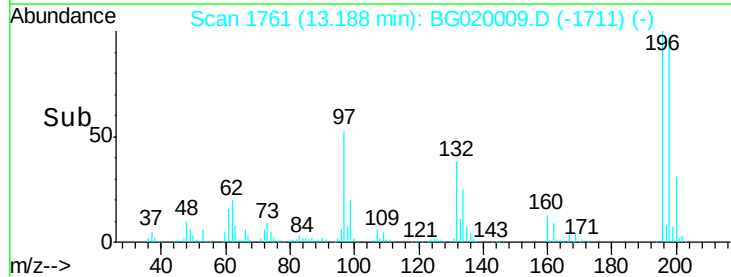
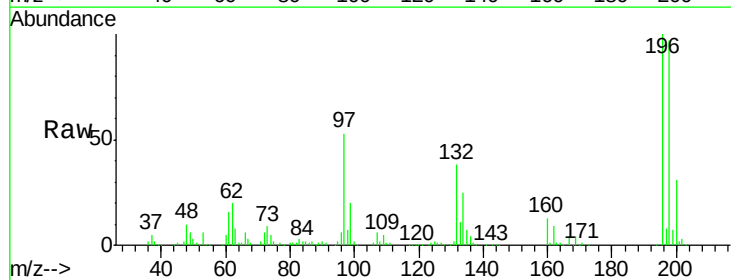
Instrument :
 BNA_F
 ClientSampleId :
 SP3516

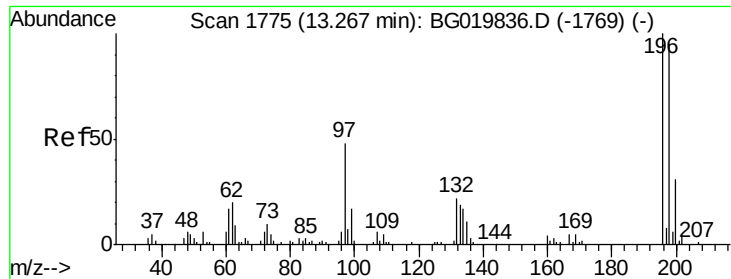
Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 97.6
 141 35.2



#42
 2,4,6-Trichlorophenol
 Concen: 174.20 ng
 RT: 13.19 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: BG020009.D
 Acq: 8 Dec 2015 9:16

Tgt Ion: 196 Resp: 247745
 Ion Ratio Lower Upper
 196 100
 198 97.2 74.7 112.1
 200 31.1 24.1 36.1

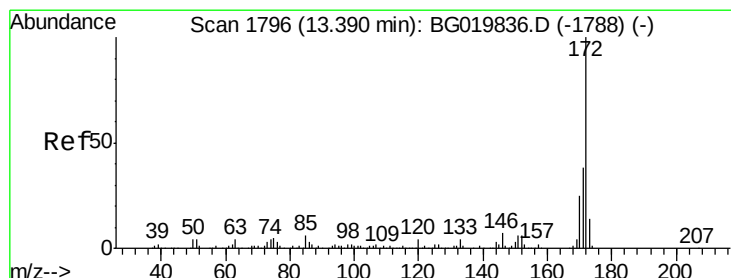
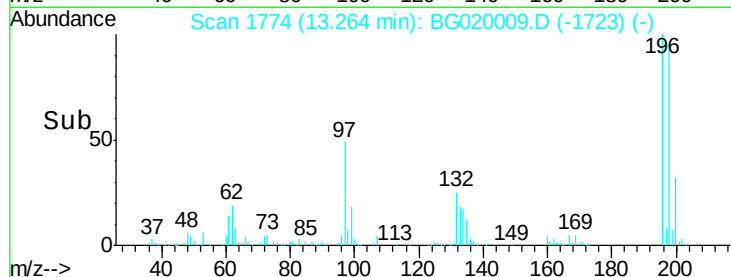
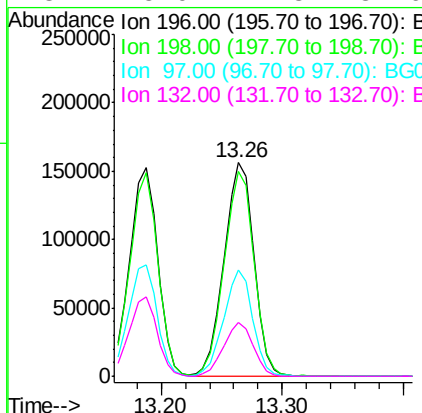
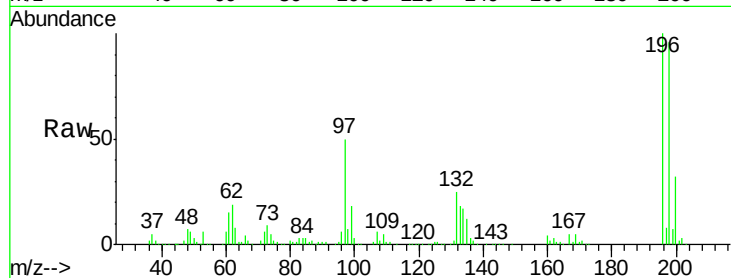




#43
 2,4,5-Trichlorophenol
 Concen: 178.25 ng
 RT: 13.26 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: BG020009.D
 Acq: 8 Dec 2015 9:16

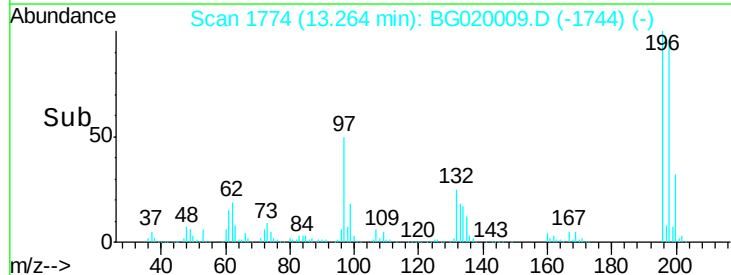
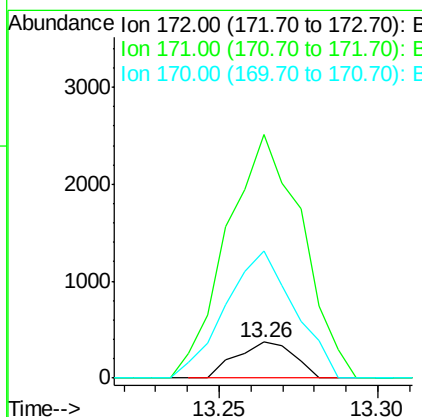
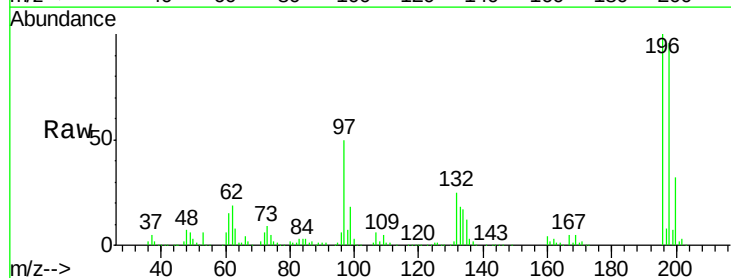
Instrument :
 BNA_F
 ClientSampleId :
 SP3516

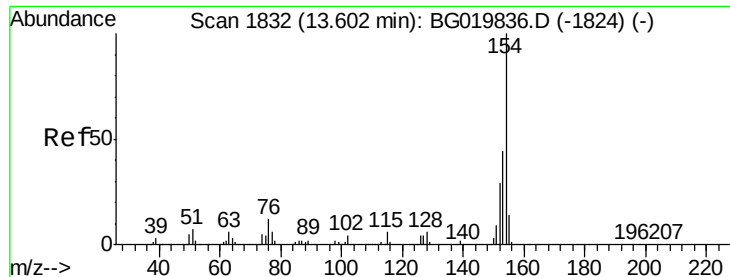
Tgt Ion:	196	Resp:	267935
Ion	Ratio	Lower	Upper
196	100		
198	95.9	75.2	112.8
97	50.0	34.2	51.2
132	25.0	21.8	32.6



#44
 2-Fluorobiphenyl
 Concen: 0.11 ng
 RT: 13.26 min Scan# 1774
 Delta R.T. -0.13 min
 Lab File: BG020009.D
 Acq: 8 Dec 2015 9:16

Tgt Ion:	172	Resp:	468
Ion	Ratio	Lower	Upper
172	100		
171	678.9	29.0	43.6#
170	356.2	19.9	29.9#

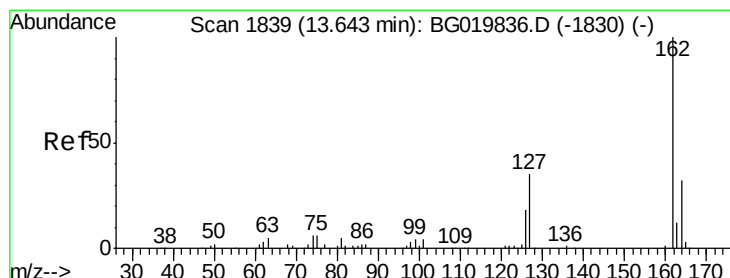
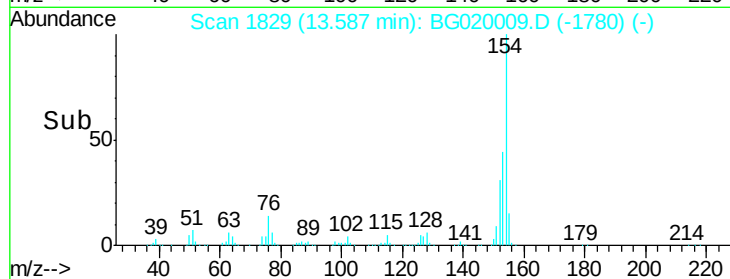
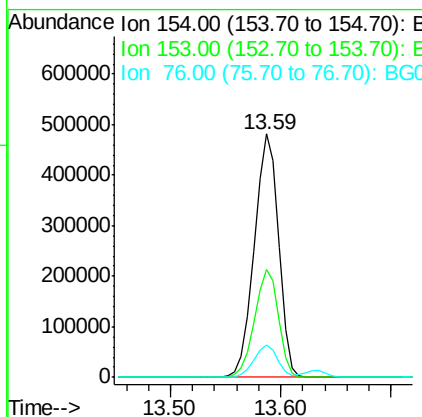
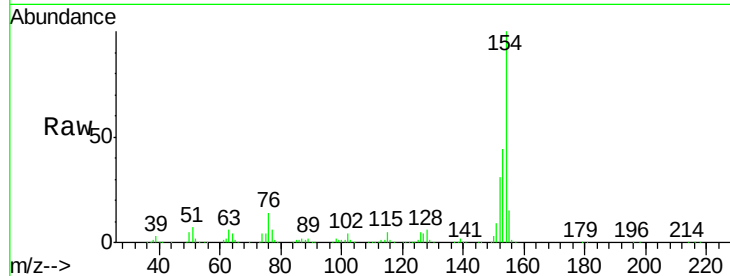




#45
 1,1'-Biphenyl
 Concen: 160.04 ng
 RT: 13.59 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BG020009.D
 Acq: 8 Dec 2015 9:16

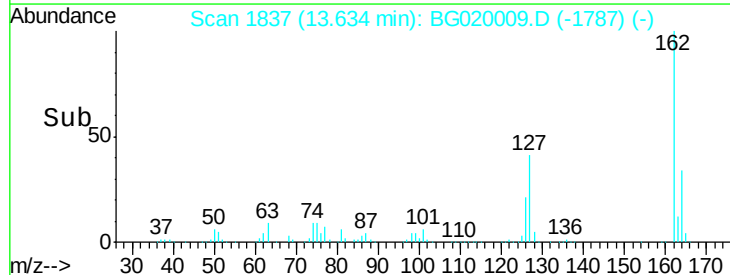
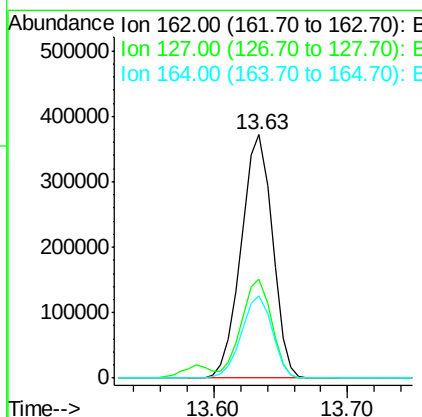
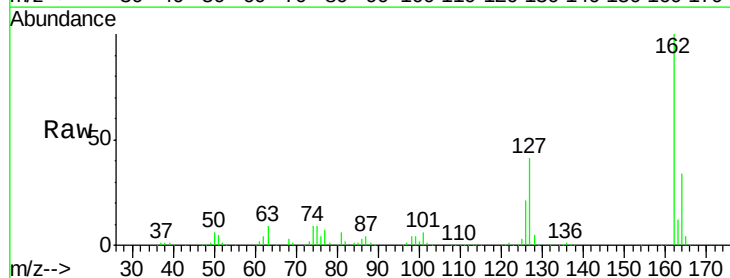
Instrument :
 BNA_F
 ClientSampleId :
 SP3516

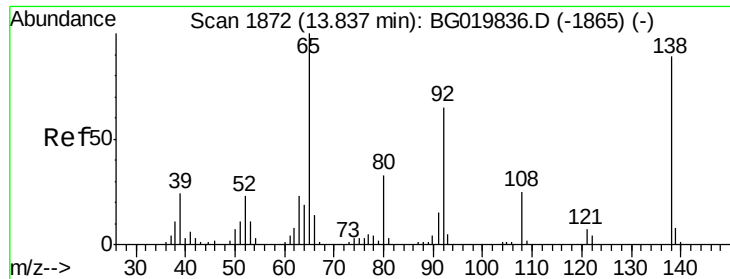
Tgt Ion:154 Resp: 743451
 Ion Ratio Lower Upper
 154 100
 153 44.4 21.9 61.9
 76 13.6 0.0 33.2



#46
 2-Chloronaphthalene
 Concen: 168.18 ng
 RT: 13.63 min Scan# 1837
 Delta R.T. -0.01 min
 Lab File: BG020009.D
 Acq: 8 Dec 2015 9:16

Tgt Ion:162 Resp: 602201
 Ion Ratio Lower Upper
 162 100
 127 40.8 28.3 42.5
 164 34.1 27.4 41.0

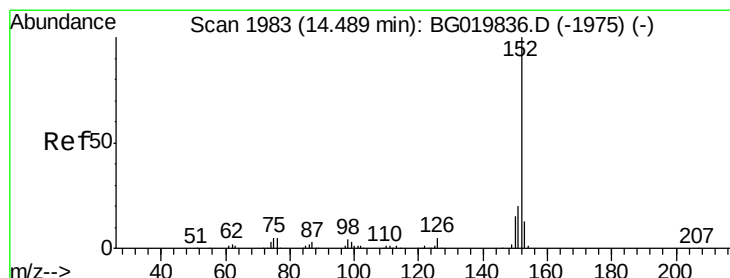
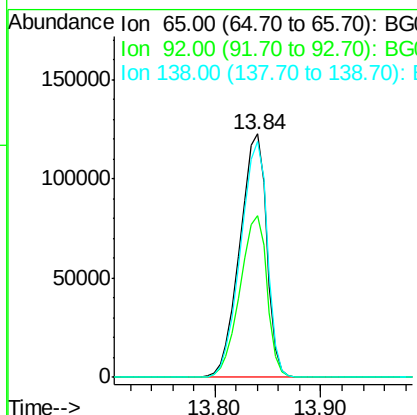
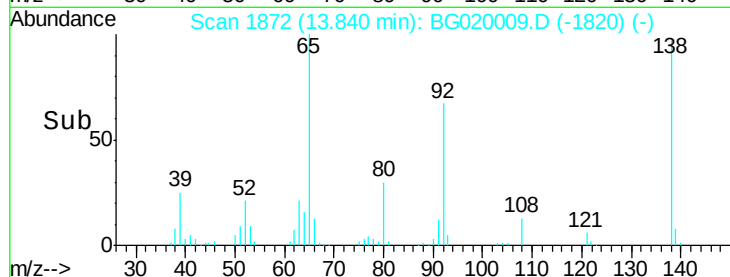
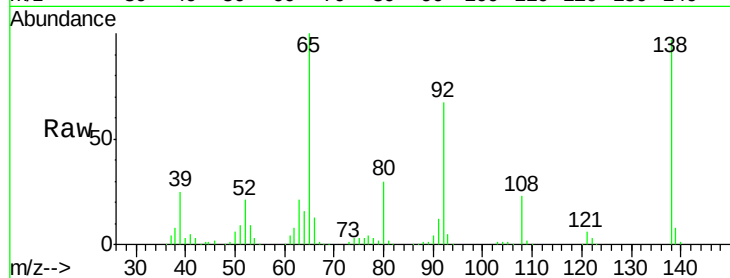




#47
 2-Nitroaniline
 Concen: 191.60 ng
 RT: 13.84 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: BG020009.D
 Acq: 8 Dec 2015 9:16

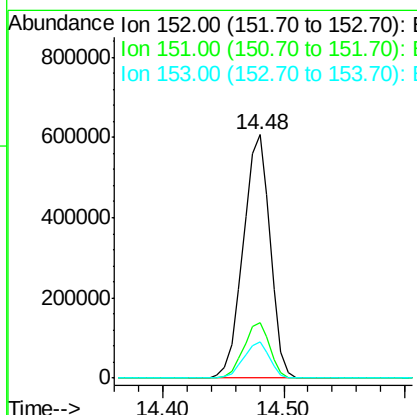
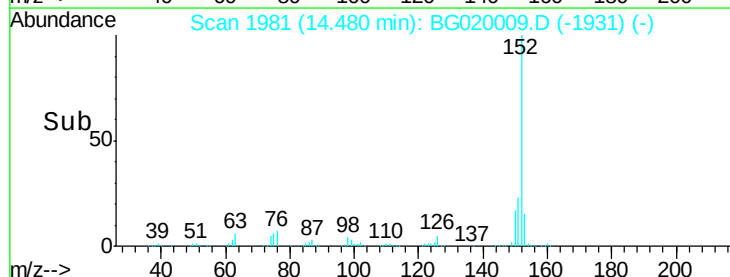
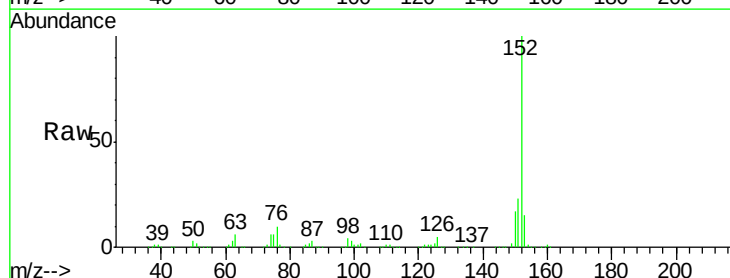
Instrument :
 BNA_F
 ClientSampleId :
 SP3516

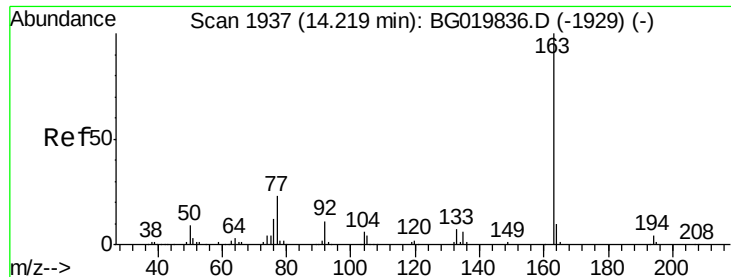
Tgt Ion: 65 Resp: 216691
 Ion Ratio Lower Upper
 65 100
 92 66.6 54.8 82.2
 138 96.9 89.6 134.4



#48
 Acenaphthylene
 Concen: 154.28 ng
 RT: 14.48 min Scan# 1981
 Delta R.T. -0.01 min
 Lab File: BG020009.D
 Acq: 8 Dec 2015 9:16

Tgt Ion: 152 Resp: 940993
 Ion Ratio Lower Upper
 152 100
 151 22.8 17.0 25.4
 153 14.7 10.4 15.6





#49

Dimethylphthalate

Concen: 152.30 ng

RT: 14.20 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BG020009.D

Acq: 8 Dec 2015 9:16

Instrument :

BNA_F

ClientSampleId :

SP3516

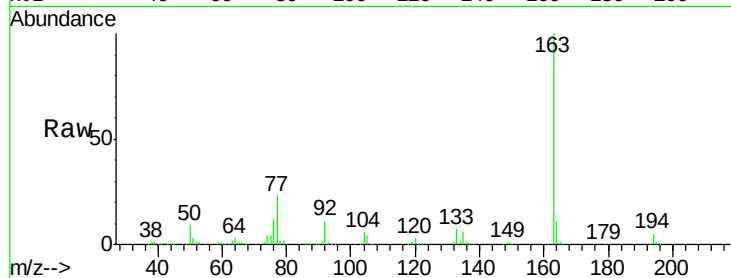
Tgt Ion:163 Resp: 775518

Ion Ratio Lower Upper

163 100

194 4.6 3.1 4.7

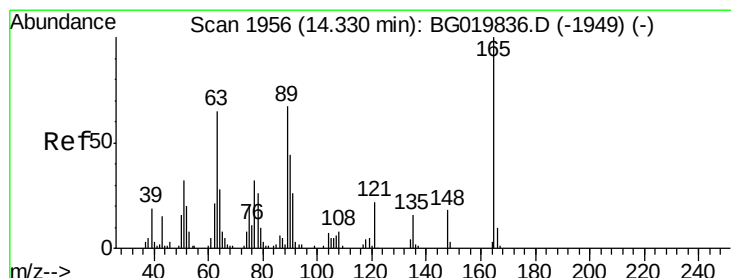
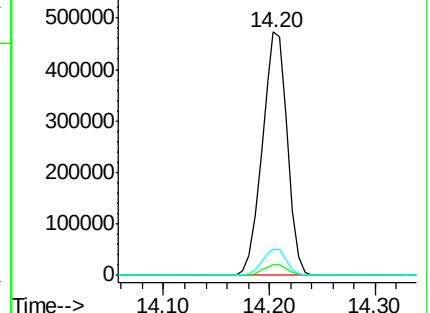
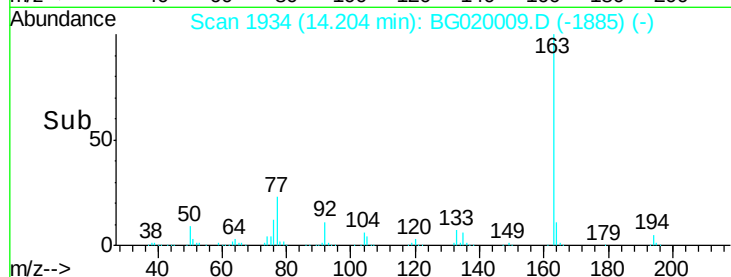
164 10.9 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 183.38 ng

RT: 14.33 min Scan# 1956

Delta R.T. 0.00 min

Lab File: BG020009.D

Acq: 8 Dec 2015 9:16

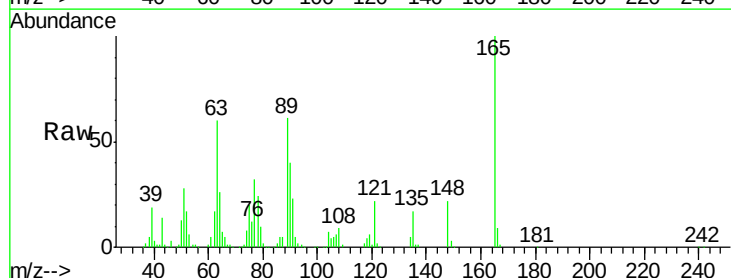
Tgt Ion:165 Resp: 175557

Ion Ratio Lower Upper

165 100

63 60.2 35.7 53.5#

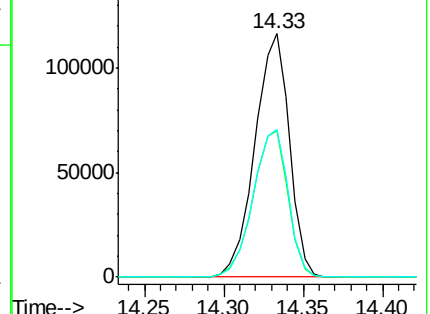
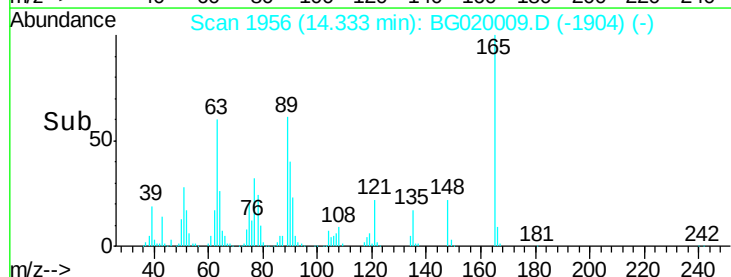
89 60.7 39.7 59.5#

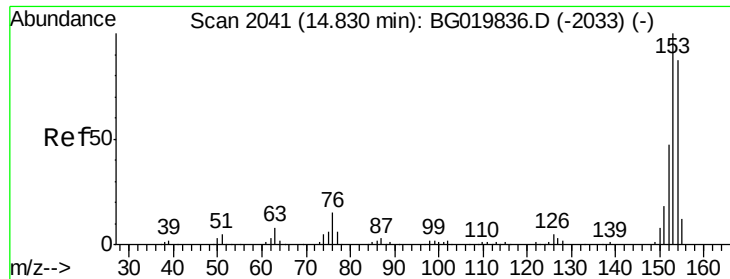


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 157.50 ng

RT: 14.82 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BG020009.D

Acq: 8 Dec 2015 9:16

Instrument :

BNA_F

ClientSampleId :

SP3516

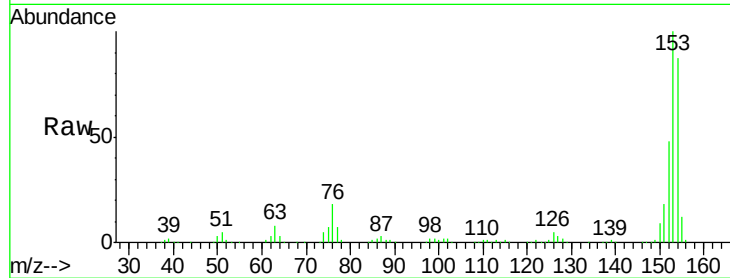
Tgt Ion:154 Resp: 582906

Ion Ratio Lower Upper

154 100

153 115.3 92.9 139.3

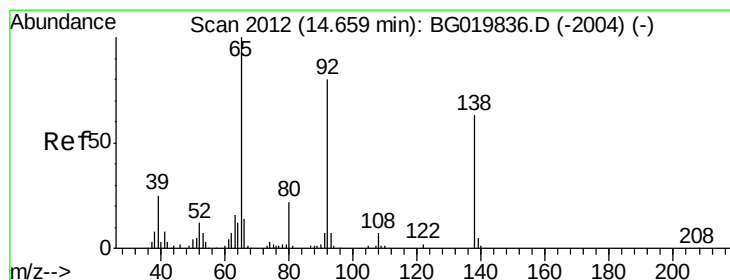
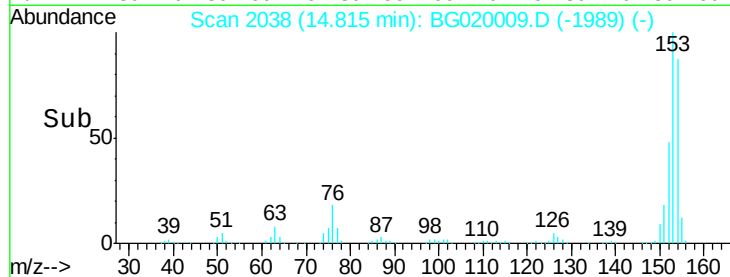
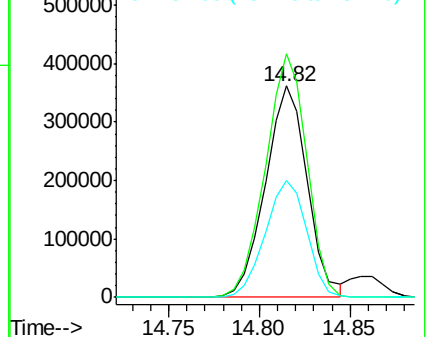
152 55.3 45.8 68.8



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



#52

3-Nitroaniline

Concen: 156.71 ng

RT: 14.66 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BG020009.D

Acq: 8 Dec 2015 9:16

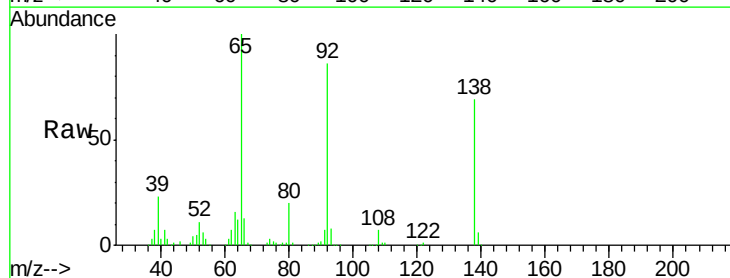
Tgt Ion:138 Resp: 155867

Ion Ratio Lower Upper

138 100

108 10.6 7.9 11.9

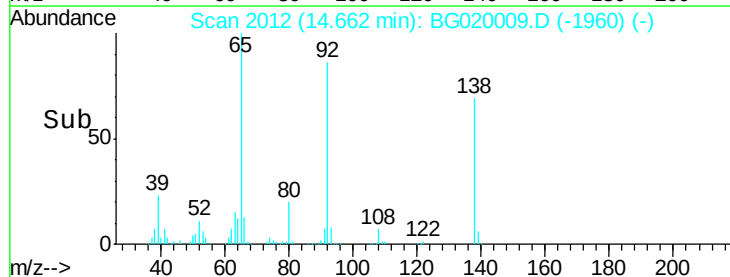
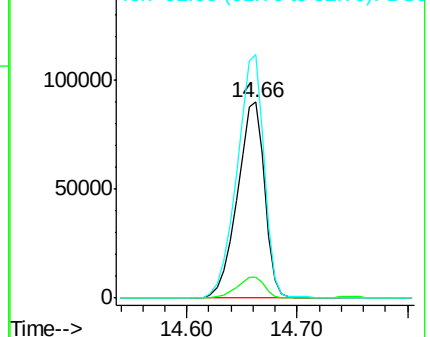
92 124.1 94.2 141.4

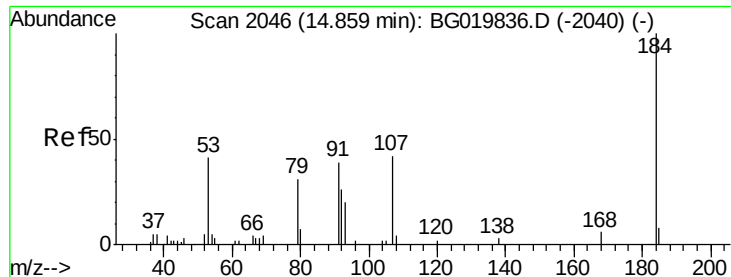


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

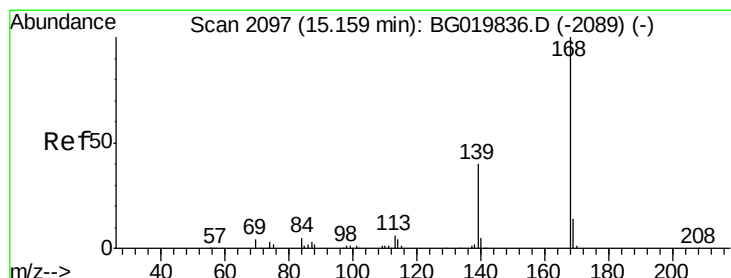
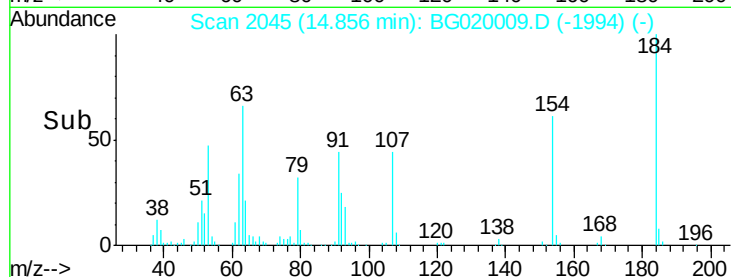
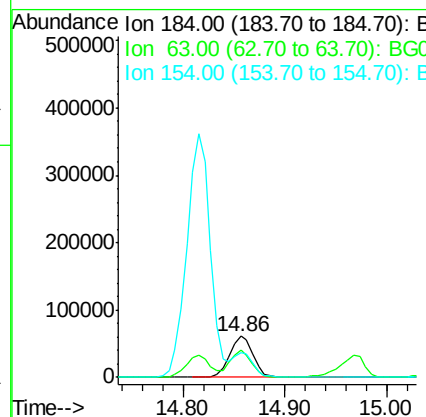
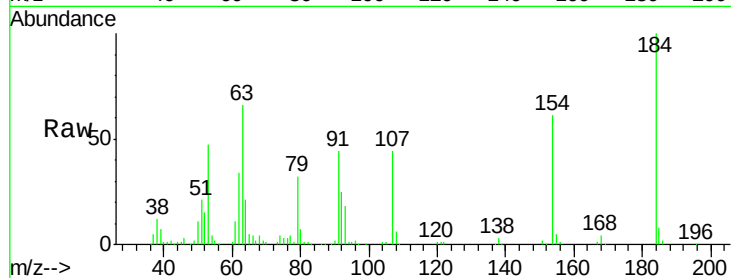




#53
2,4-Dinitrophenol
Concen: 181.90 ng
RT: 14.86 min Scan# 2045
Delta R.T. -0.00 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

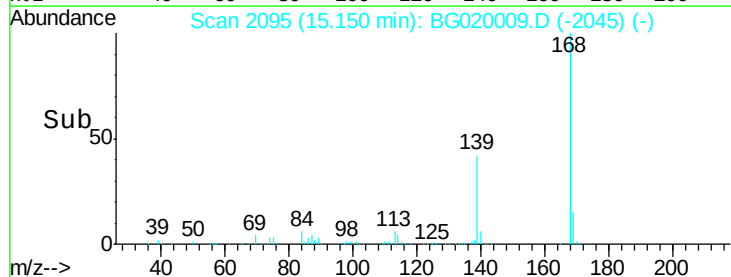
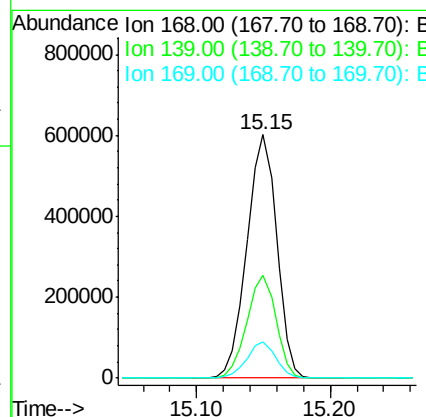
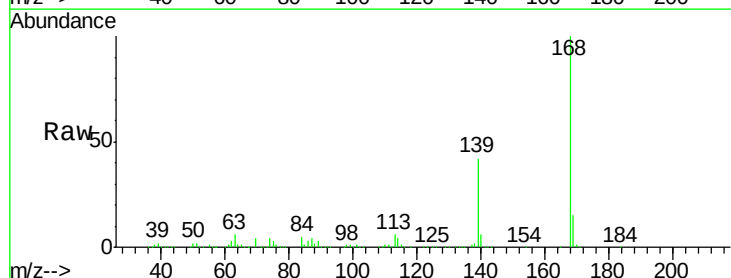
Instrument :
BNA_F
ClientSampleId :
SP3516

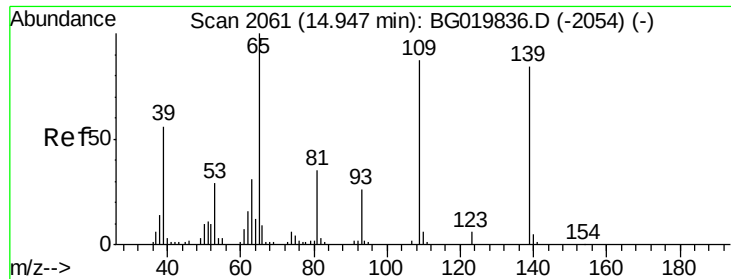
Tgt Ion:184 Resp: 99469
Ion Ratio Lower Upper
184 100
63 66.2 42.7 64.1#
154 60.6 44.3 66.5



#54
Dibenzofuran
Concen: 168.01 ng
RT: 15.15 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Tgt Ion:168 Resp: 925021
Ion Ratio Lower Upper
168 100
139 42.0 27.4 41.0#
169 15.1 11.0 16.4

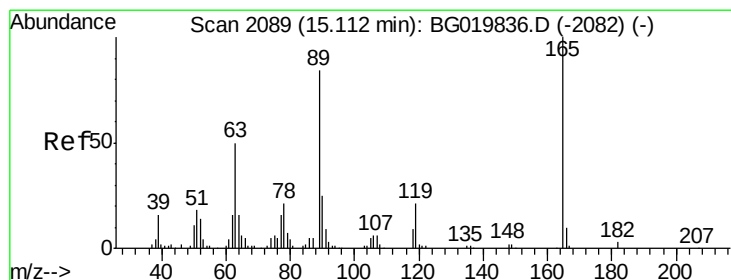
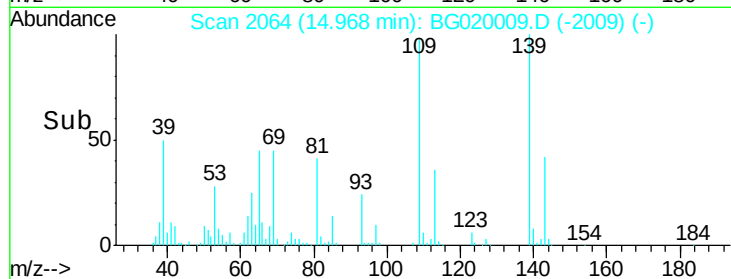
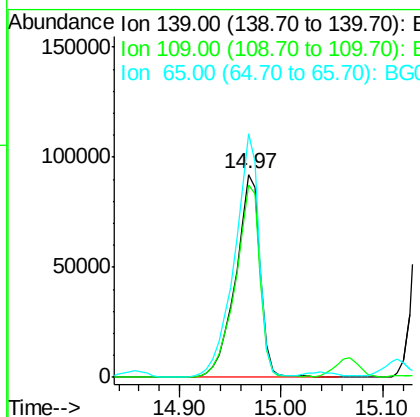
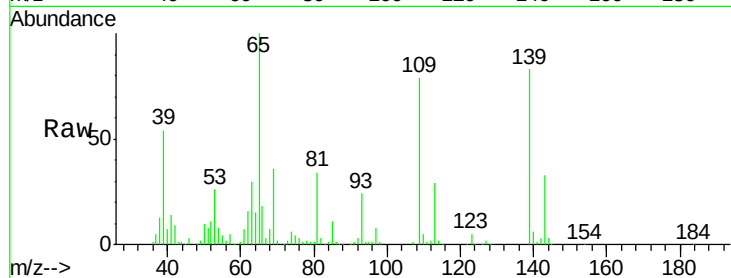




#55
4-Nitrophenol
Concen: 178.66 ng
RT: 14.97 min Scan# 2064
Delta R.T. 0.02 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

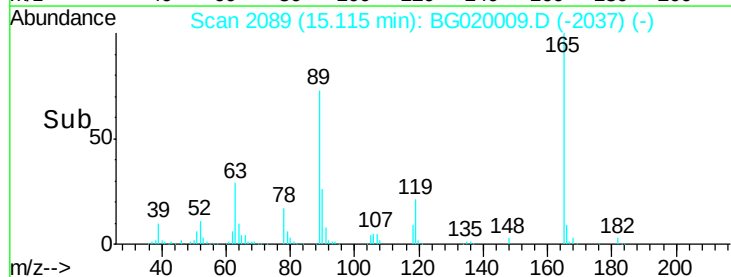
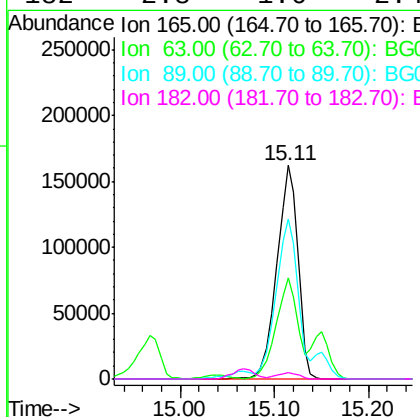
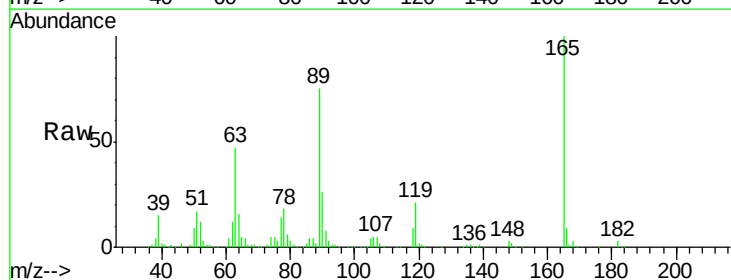
Instrument :
BNA_F
ClientSampleID :
SP3516

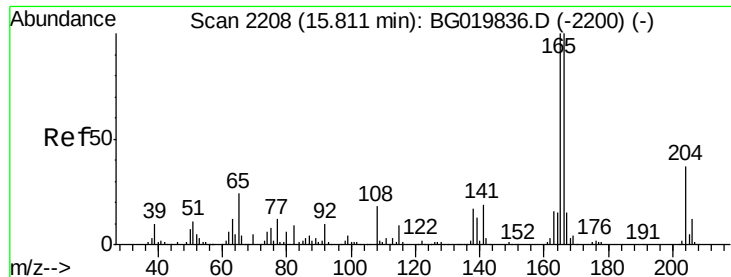
Tgt Ion:139 Resp: 154755
Ion Ratio Lower Upper
139 100
109 94.5 43.2 83.2#
65 119.8 67.8 107.8#



#56
2,4-Dinitrotoluene
Concen: 189.42 ng
RT: 15.11 min Scan# 2089
Delta R.T. 0.00 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Tgt Ion:165 Resp: 253002
Ion Ratio Lower Upper
165 100
63 47.2 31.0 46.4#
89 74.8 54.4 81.6
182 2.8 1.6 2.4#

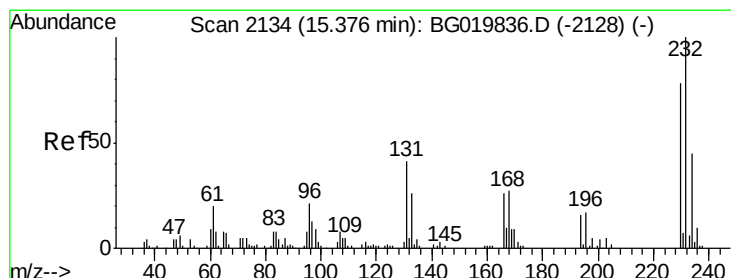
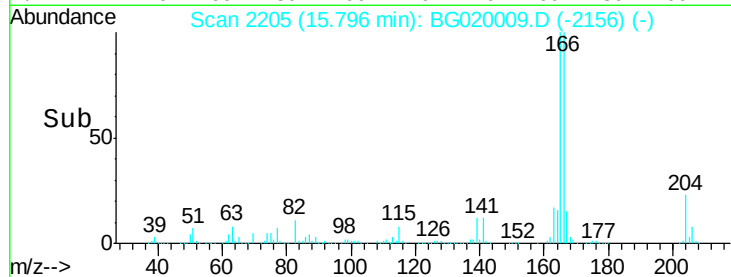
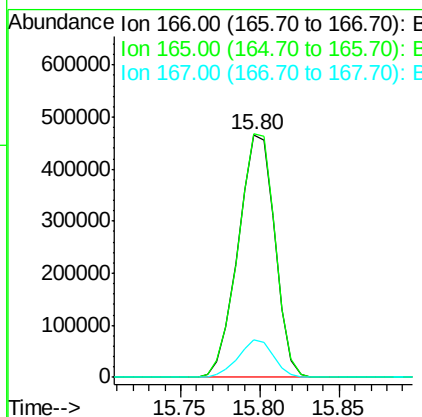
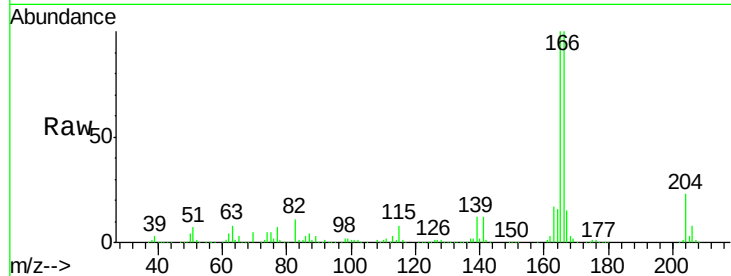




#57
 Fluorene
 Concen: 151.45 ng
 RT: 15.80 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG020009.D
 Acq: 8 Dec 2015 9:16

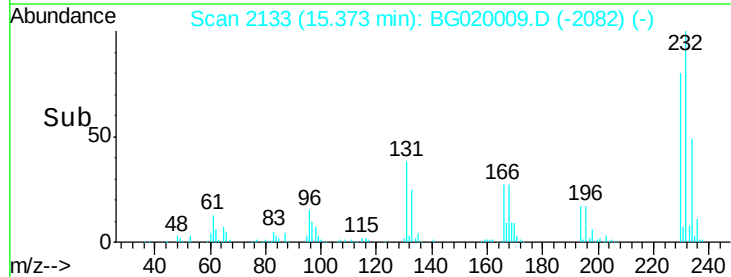
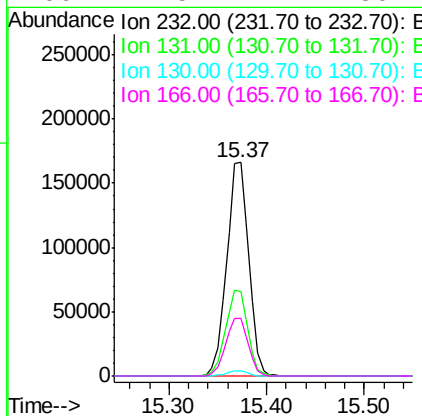
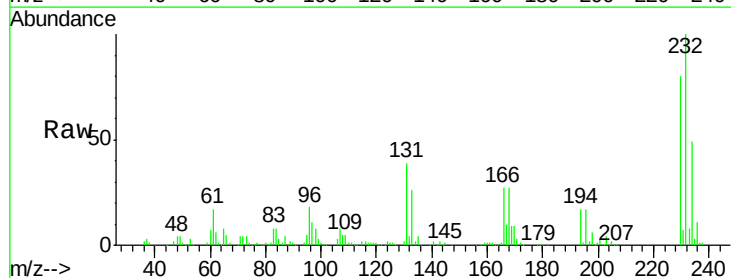
Instrument :
 BNA_F
 ClientSampleId :
 SP3516

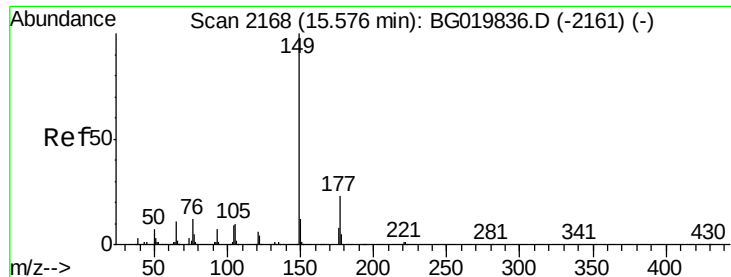
Tgt Ion:166 Resp: 746368
 Ion Ratio Lower Upper
 166 100
 165 100.2 80.0 120.0
 167 15.3 11.1 16.7



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 186.34 ng
 RT: 15.37 min Scan# 2133
 Delta R.T. -0.00 min
 Lab File: BG020009.D
 Acq: 8 Dec 2015 9:16

Tgt Ion:232 Resp: 259220
 Ion Ratio Lower Upper
 232 100
 131 40.1 33.0 49.6
 130 2.4 2.0 3.0
 166 27.5 24.1 36.1





#59

Diethylphthalate

Concen: 144.27 ng

RT: 15.57 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BG020009.D

Acq: 8 Dec 2015 9:16

Instrument :

BNA_F

ClientSampleId :

SP3516

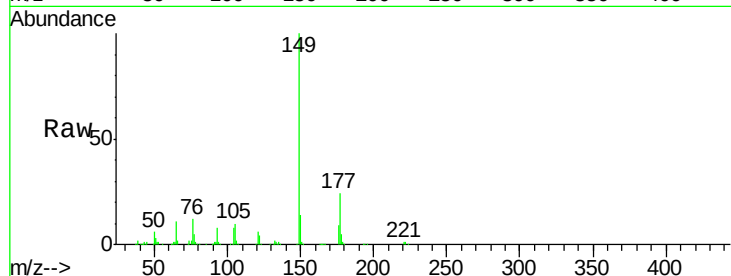
Tgt Ion:149 Resp: 795023

Ion Ratio Lower Upper

149 100

177 24.4 19.6 29.4

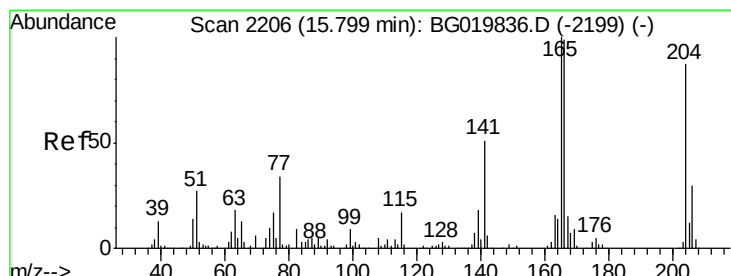
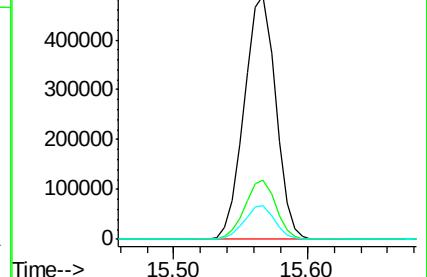
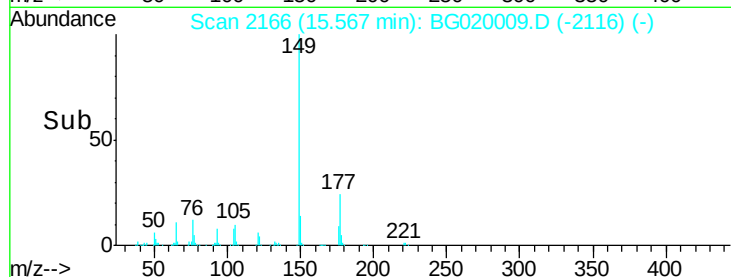
150 13.8 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 153.25 ng

RT: 15.78 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BG020009.D

Acq: 8 Dec 2015 9:16

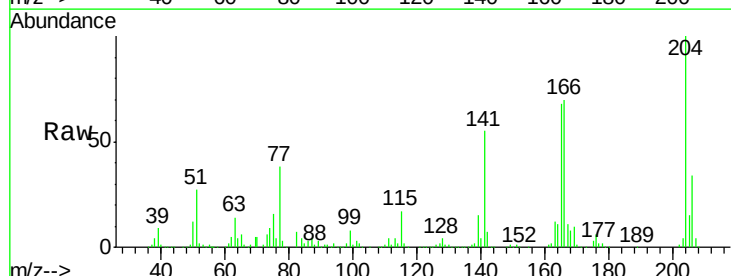
Tgt Ion:204 Resp: 433603

Ion Ratio Lower Upper

204 100

206 33.7 28.3 42.5

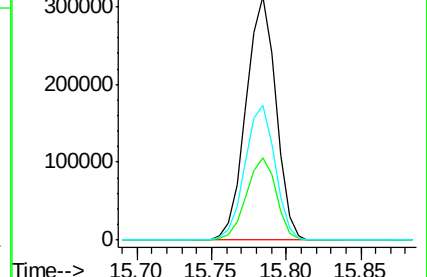
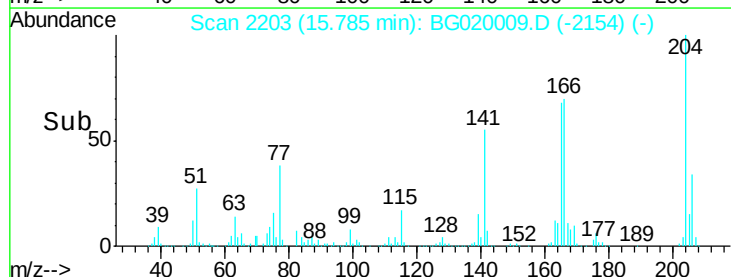
141 55.3 44.0 66.0

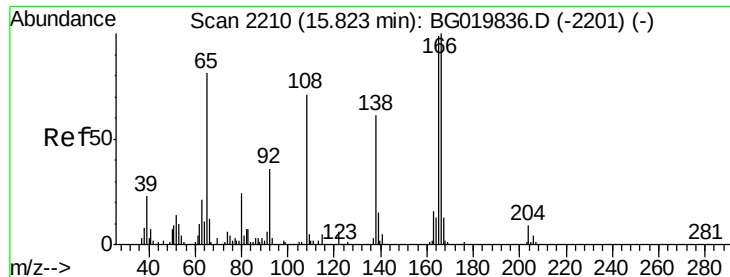


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

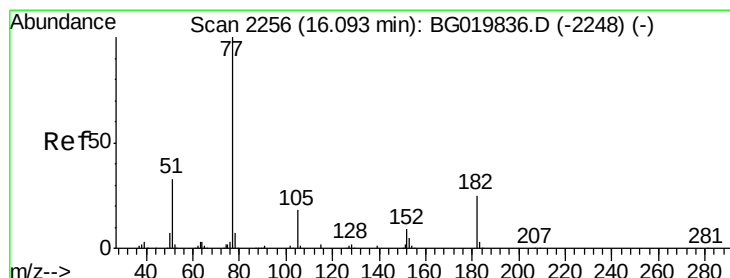
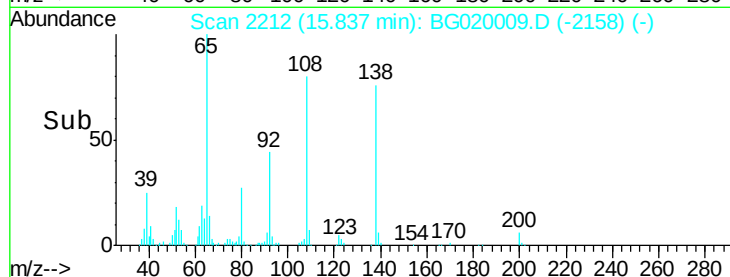
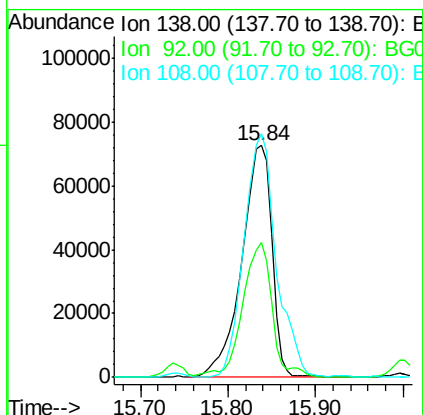
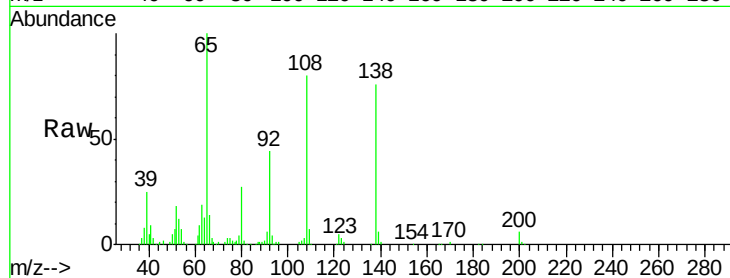




#61
4-Nitroaniline
Concen: 151.83 ng
RT: 15.84 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

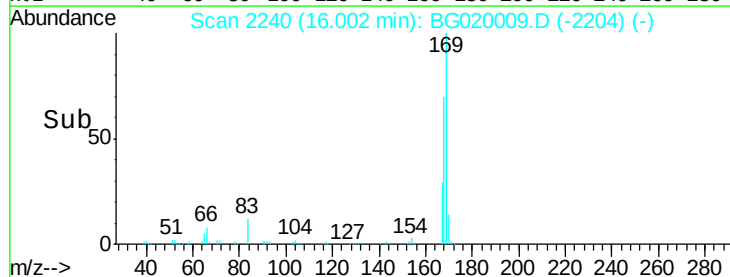
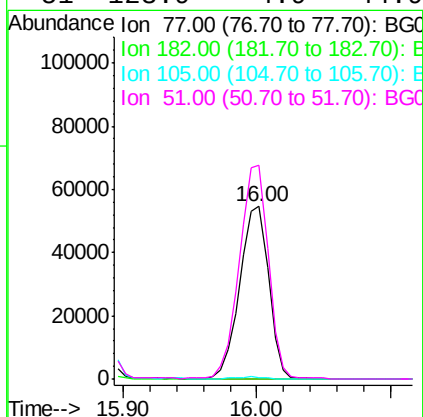
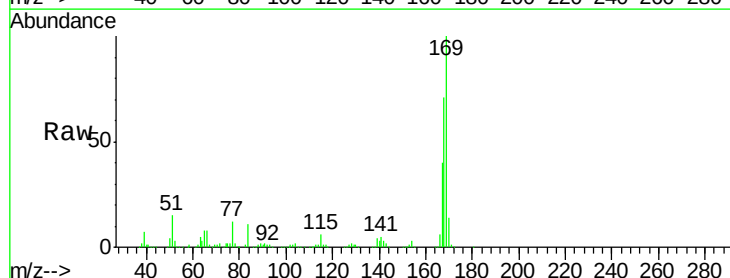
Instrument :
BNA_F
ClientSampled :
SP3516

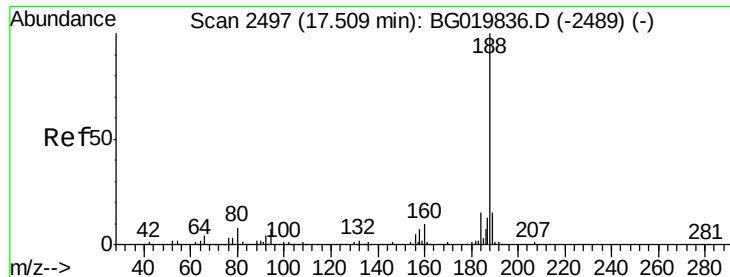
Tgt Ion: 138 Resp: 169843
Ion Ratio Lower Upper
138 100
92 57.9 29.1 69.1
108 105.0 49.8 89.8#



#62
Azobenzene
Concen: 17.96 ng
RT: 16.00 min Scan# 2240
Delta R.T. -0.09 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Tgt Ion: 77 Resp: 82376
Ion Ratio Lower Upper
77 100
182 0.0 7.0 47.0#
105 1.0 1.4 41.4#
51 123.9 4.9 44.9#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.59 min Scan# 2511

Delta R.T. 0.09 min

Lab File: BG020009.D

Acq: 8 Dec 2015 9:16

Instrument :

BNA_F

ClientSampleId :

SP3516

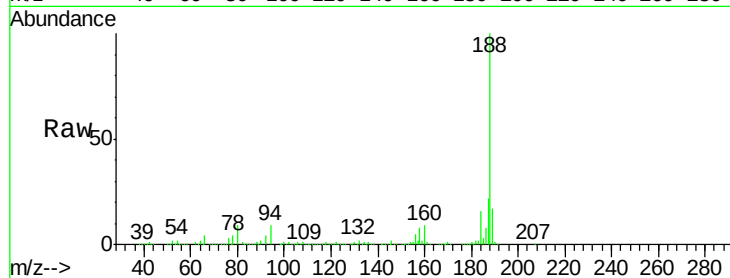
Tgt Ion:188 Resp: 1054407

Ion Ratio Lower Upper

188 100

94 9.3 7.7 11.5

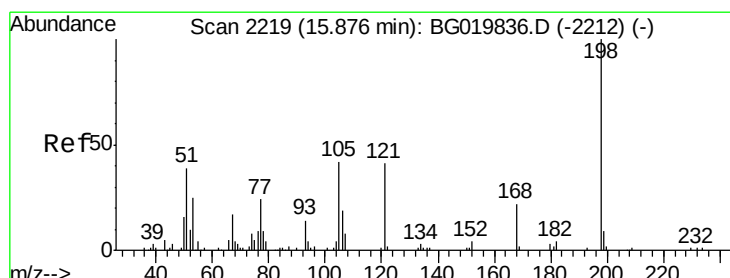
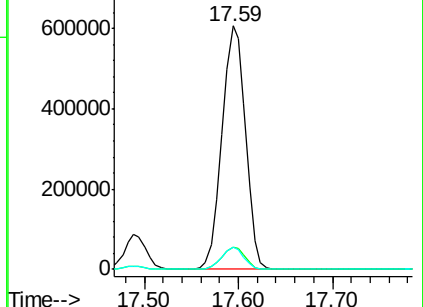
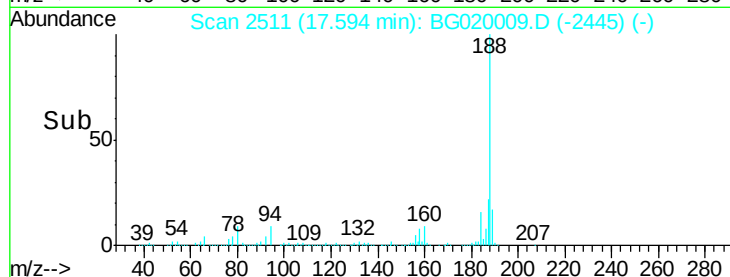
80 9.1 7.8 11.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 29.98 ng

RT: 15.88 min Scan# 2219

Delta R.T. 0.00 min

Lab File: BG020009.D

Acq: 8 Dec 2015 9:16

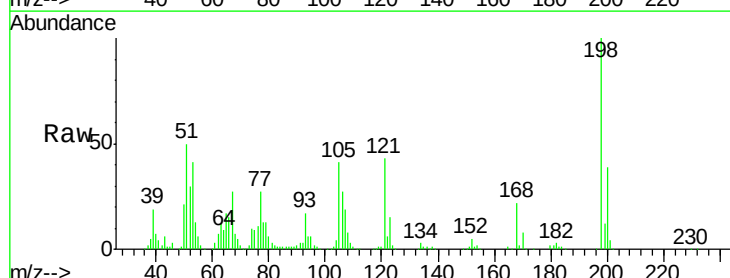
Tgt Ion:198 Resp: 162035

Ion Ratio Lower Upper

198 100

51 49.5 14.2 54.2

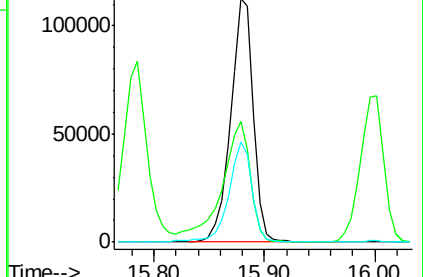
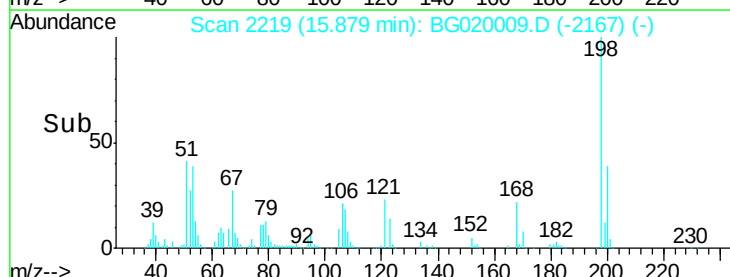
105 40.9 21.1 61.1

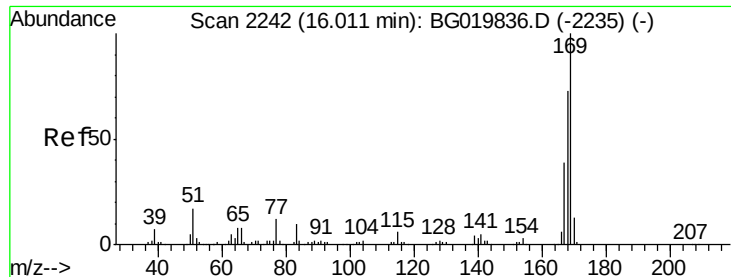


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

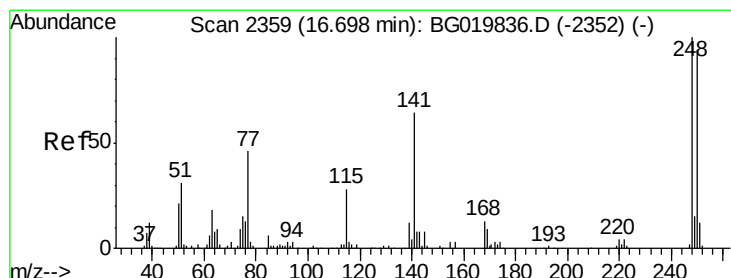
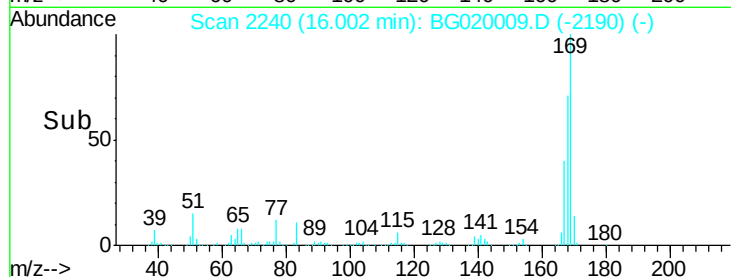
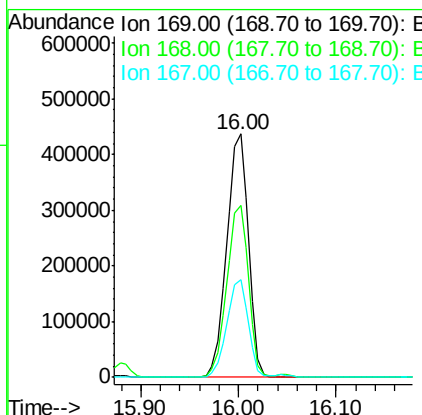
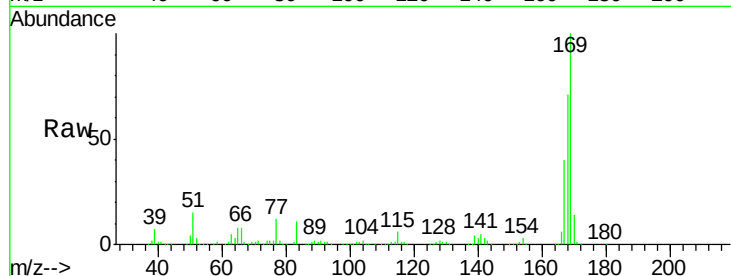




#65
n-Nitrosodiphenylamine
Concen: 21.95 ng
RT: 16.00 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

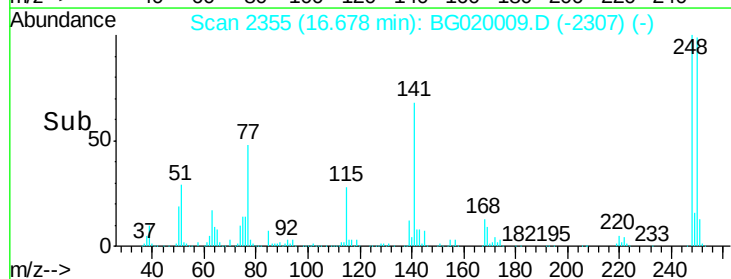
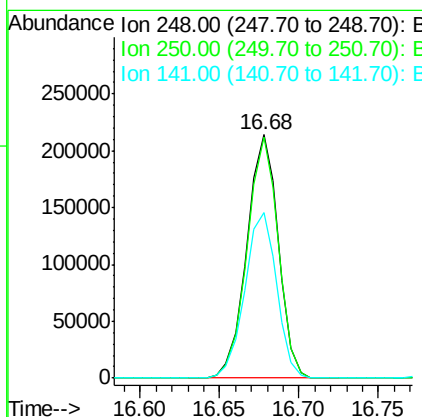
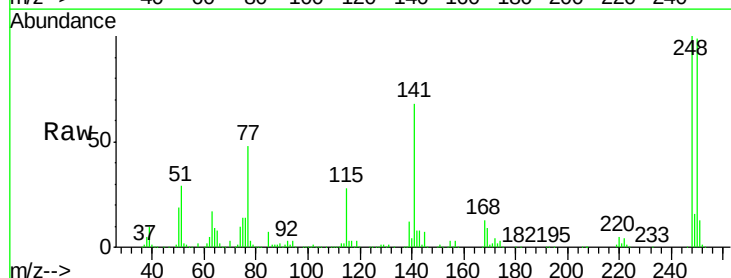
Instrument :
BNA_F
ClientSampled :
SP3516

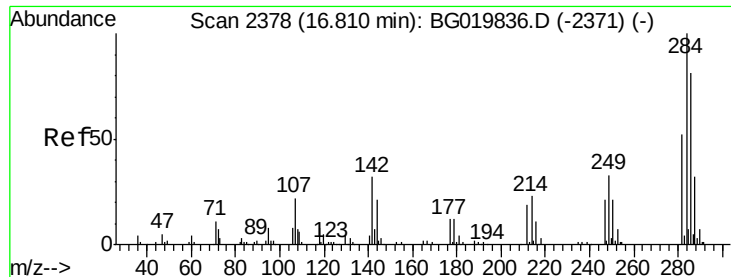
Tgt Ion:169 Resp: 669880
Ion Ratio Lower Upper
169 100
168 70.8 58.2 87.2
167 39.9 32.7 49.1



#66
4-Bromophenyl-phenylether
Concen: 22.51 ng
RT: 16.68 min Scan# 2355
Delta R.T. -0.02 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Tgt Ion:248 Resp: 294866
Ion Ratio Lower Upper
248 100
250 98.9 77.8 116.8
141 67.8 50.4 75.6





#67

Hexachlorobenzene

Concen: 22.73 ng

RT: 16.80 min Scan# 2375

Delta R.T. -0.01 min

Lab File: BG020009.D

Acq: 8 Dec 2015 9:16

Instrument :

BNA_F

ClientSampleId :

SP3516

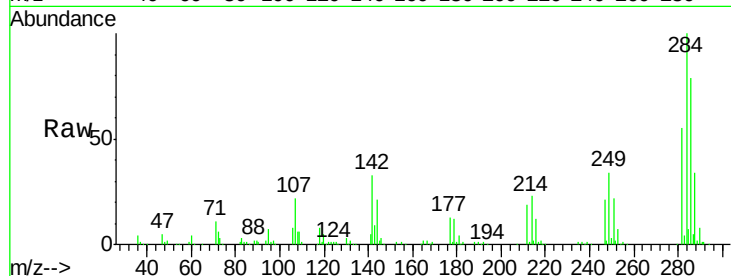
Tgt Ion:284 Resp: 310217

Ion Ratio Lower Upper

284 100

142 32.8 26.6 39.8

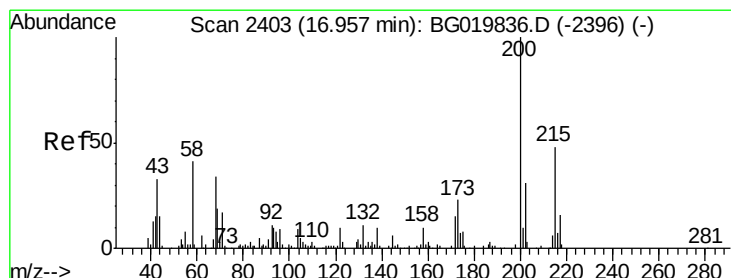
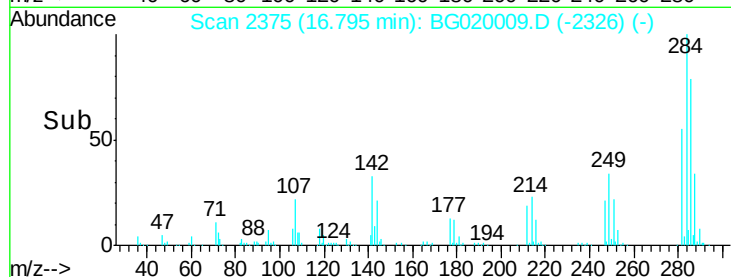
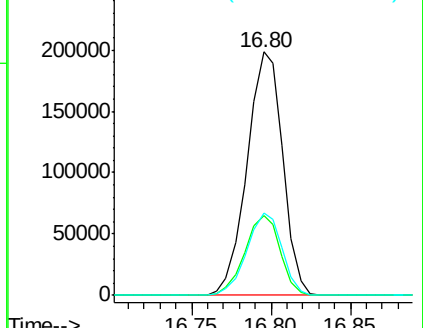
249 33.9 26.2 39.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 21.85 ng

RT: 16.95 min Scan# 2402

Delta R.T. -0.00 min

Lab File: BG020009.D

Acq: 8 Dec 2015 9:16

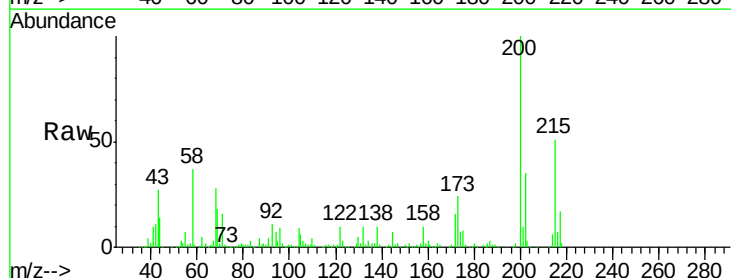
Tgt Ion:200 Resp: 289603

Ion Ratio Lower Upper

200 100

173 23.7 5.2 45.2

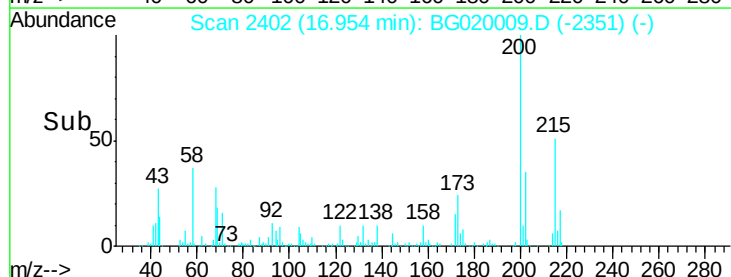
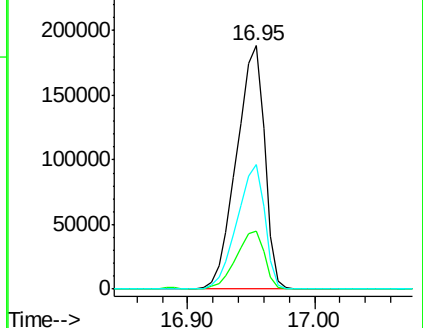
215 51.1 27.0 67.0

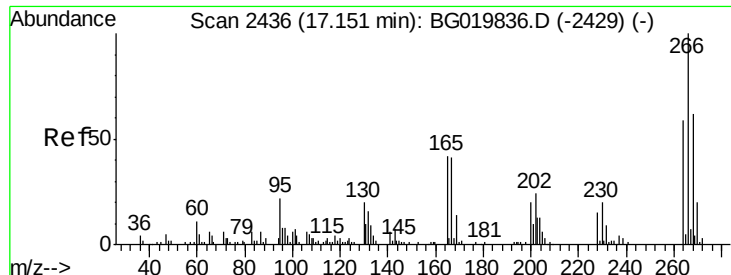


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

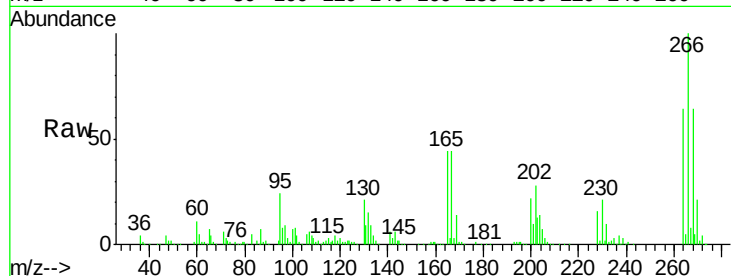




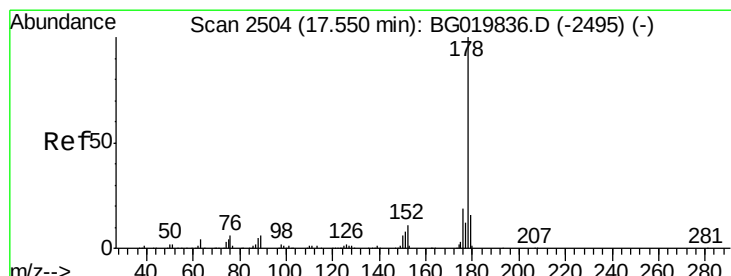
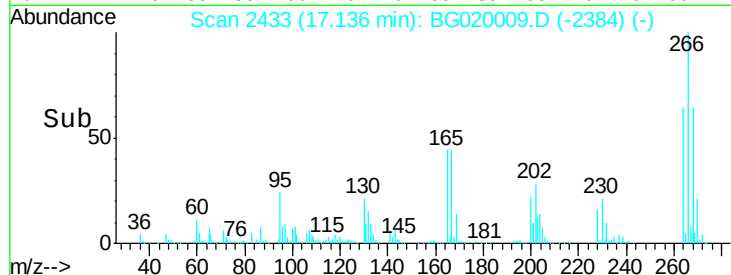
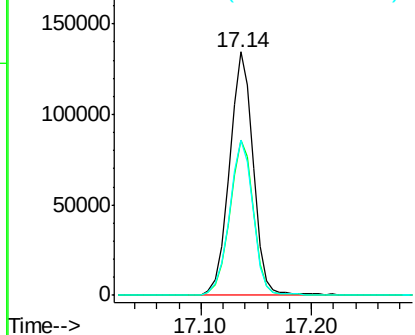
#69
 Pentachlorophenol
 Concen: 25.44 ng
 RT: 17.14 min Scan# 2433
 Delta R.T. -0.01 min
 Lab File: BG020009.D
 Acq: 8 Dec 2015 9:16

Instrument :
 BNA_F
 ClientSampleId :
 SP3516

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	47.6	71.4
264	63.9	48.1	72.1

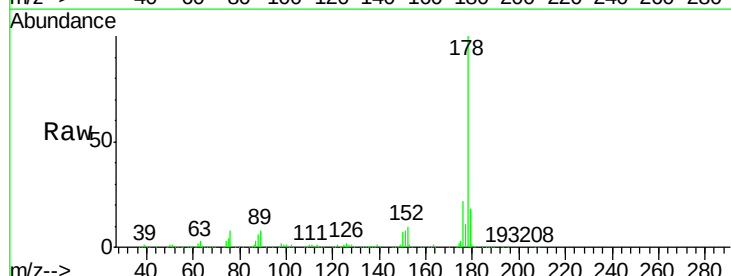


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

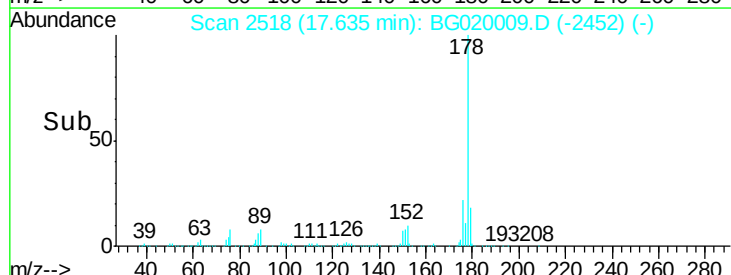
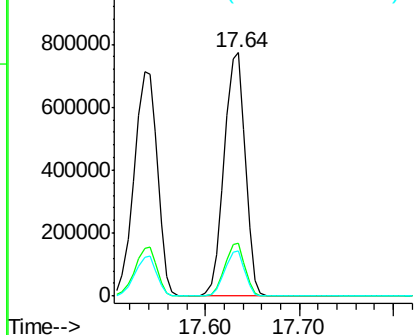


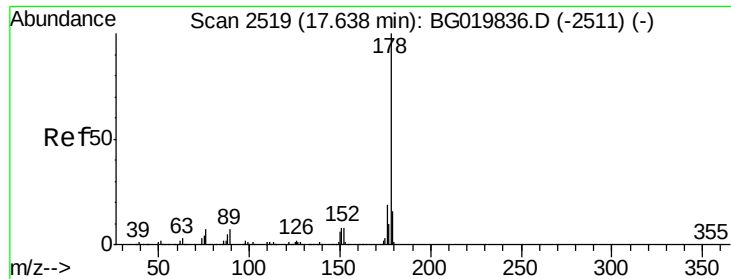
#70
 Phenanthrene
 Concen: 20.27 ng
 RT: 17.64 min Scan# 2518
 Delta R.T. 0.09 min
 Lab File: BG020009.D
 Acq: 8 Dec 2015 9:16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.8	16.7	25.1
179	18.4	13.9	20.9



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

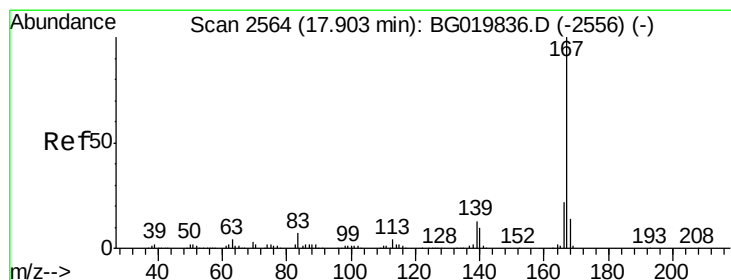
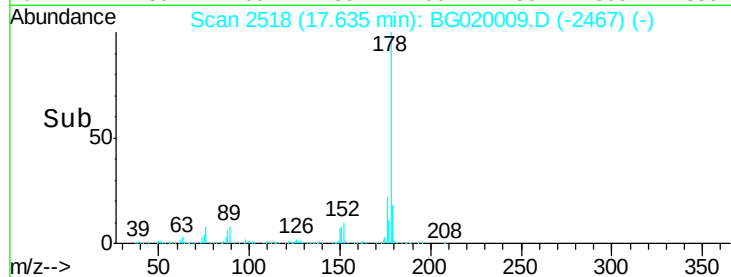
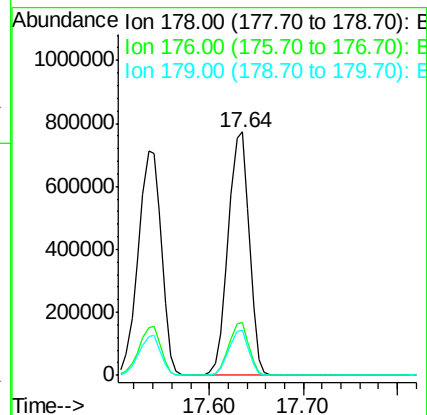
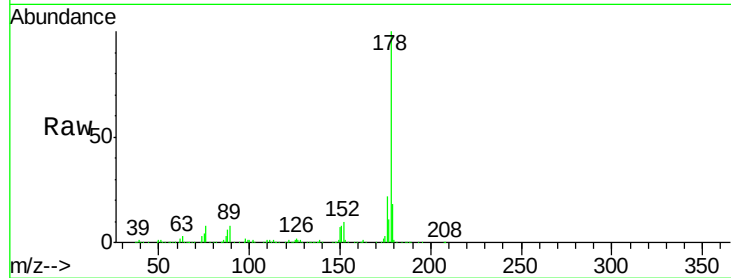




#71
 Anthracene
 Concen: 19.90 ng
 RT: 17.64 min Scan# 2518
 Delta R.T. -0.00 min
 Lab File: BG020009.D
 Acq: 8 Dec 2015 9:16

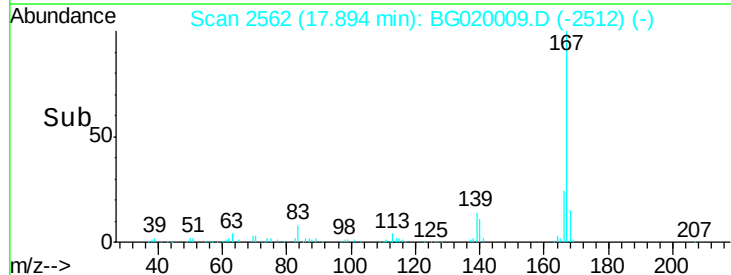
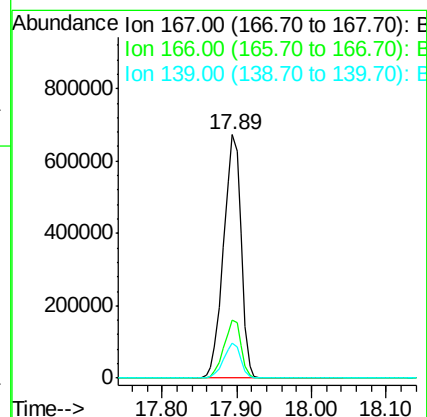
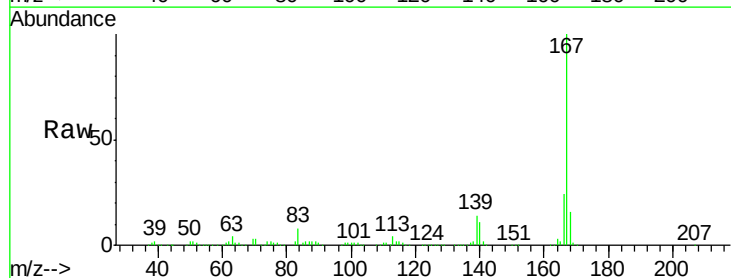
Instrument :
 BNA_F
 ClientSampleId :
 SP3516

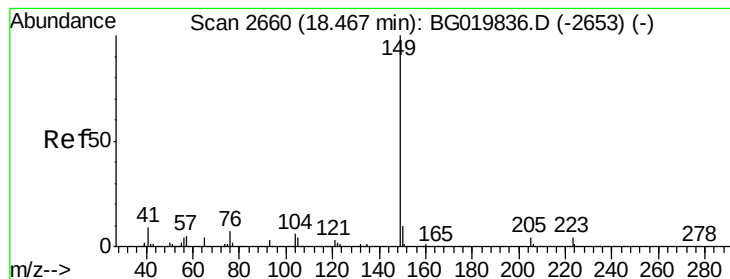
Tgt Ion:178 Resp: 1209393
 Ion Ratio Lower Upper
 178 100
 176 21.8 16.8 25.2
 179 18.4 13.9 20.9



#72
 Carbazole
 Concen: 20.55 ng
 RT: 17.89 min Scan# 2562
 Delta R.T. -0.01 min
 Lab File: BG020009.D
 Acq: 8 Dec 2015 9:16

Tgt Ion:167 Resp: 1100262
 Ion Ratio Lower Upper
 167 100
 166 23.9 19.0 28.6
 139 14.4 10.2 15.4





#73

Di-n-butylphthalate

Concen: 19.14 ng

RT: 18.44 min Scan# 2655

Delta R.T. -0.03 min

Lab File: BG020009.D

Acq: 8 Dec 2015 9:16

Instrument :

BNA_F

ClientSampleId :

SP3516

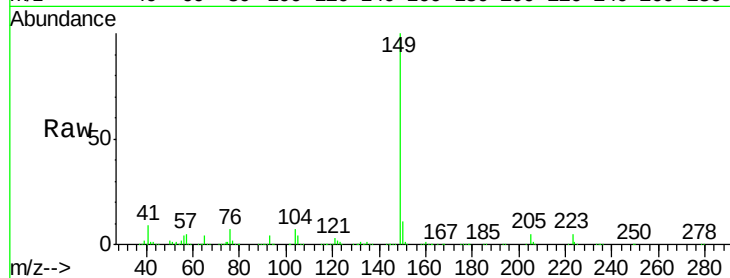
Tgt Ion:149 Resp: 1255713

Ion Ratio Lower Upper

149 100

150 11.3 8.2 12.4

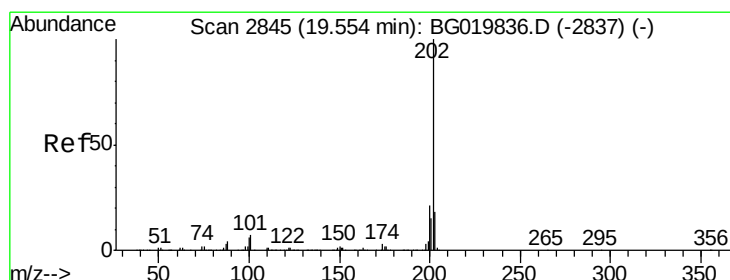
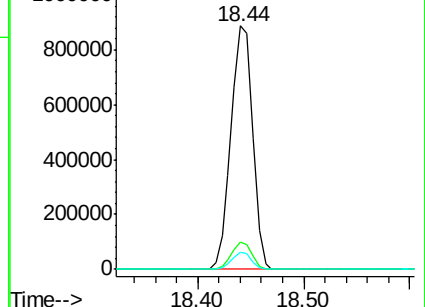
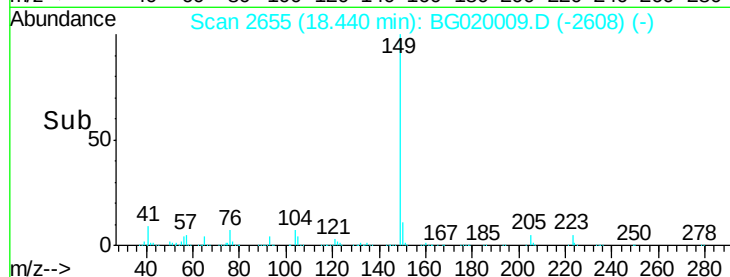
104 7.2 4.4 6.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 19.33 ng

RT: 19.54 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BG020009.D

Acq: 8 Dec 2015 9:16

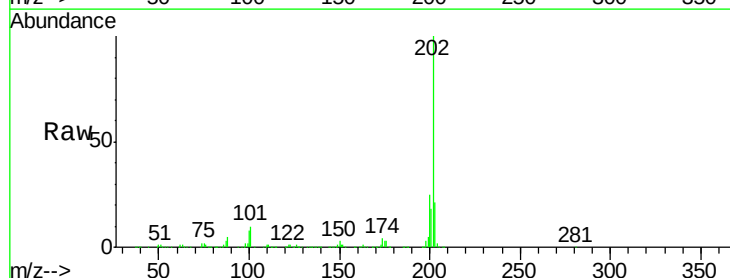
Tgt Ion:202 Resp: 1475182

Ion Ratio Lower Upper

202 100

101 9.7 0.0 32.4

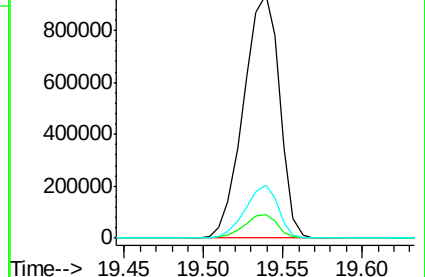
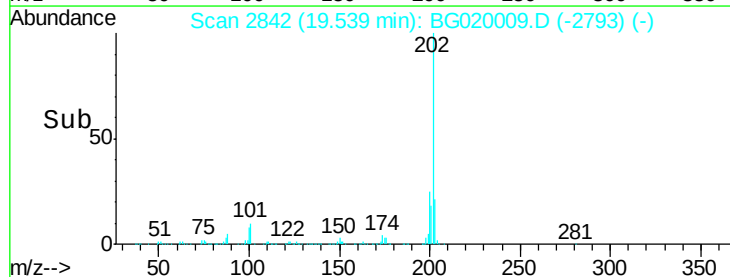
203 21.5 0.0 39.5

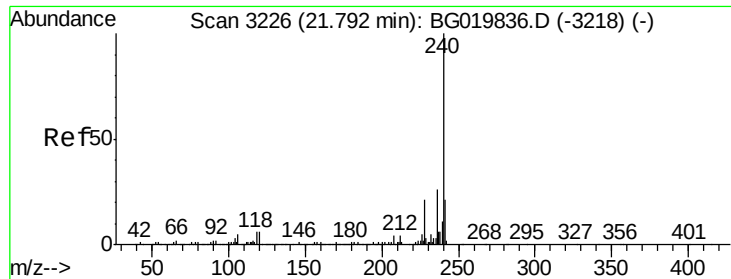


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.77 min Scan# 3222

Delta R.T. -0.02 min

Lab File: BG020009.D

Acq: 8 Dec 2015 9:16

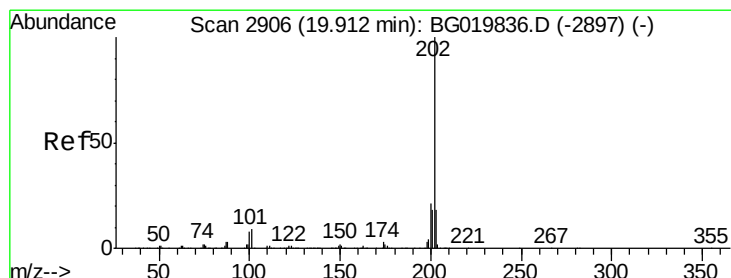
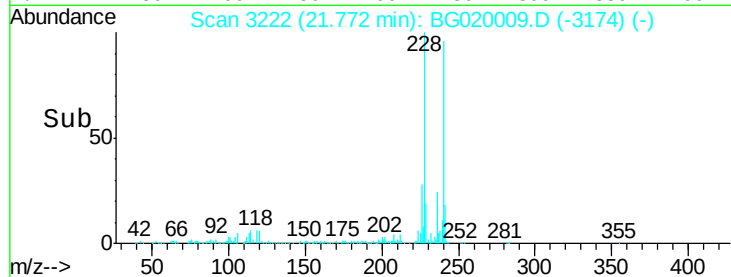
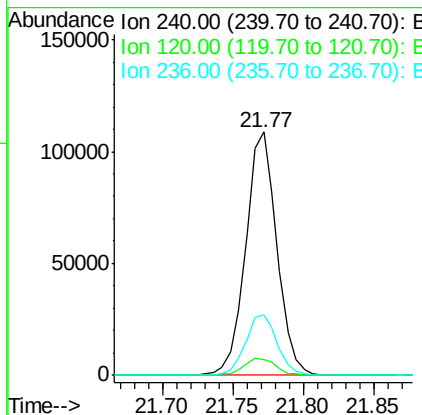
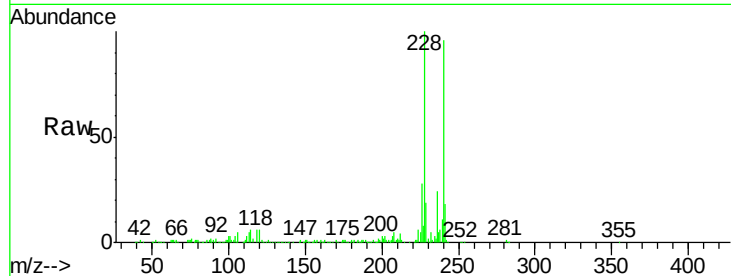
Instrument :

BNA_F

ClientSampleId :

SP3516

Tgt Ion:240 Resp: 167797
 Ion Ratio Lower Upper
 240 100
 120 6.7 7.4 11.0#
 236 25.0 20.7 31.1



#77

Pyrene

Concen: 145.27 ng

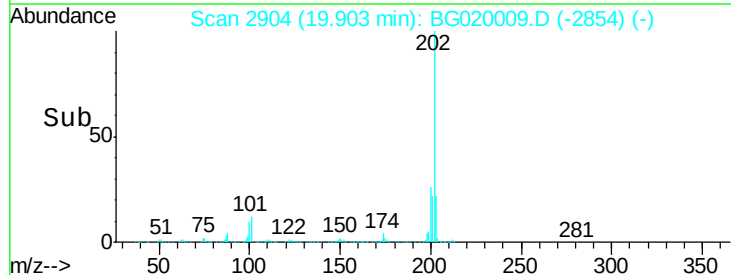
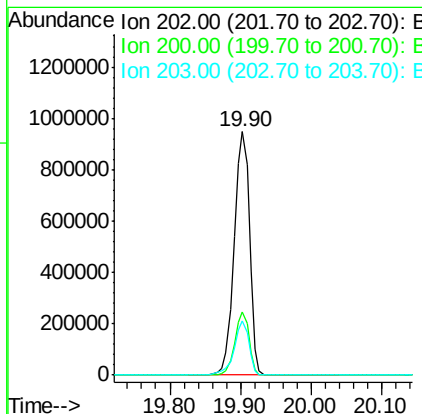
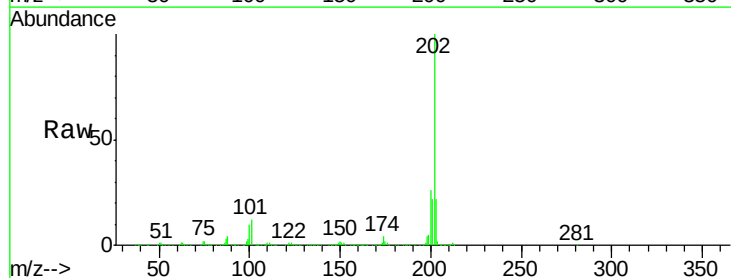
RT: 19.90 min Scan# 2904

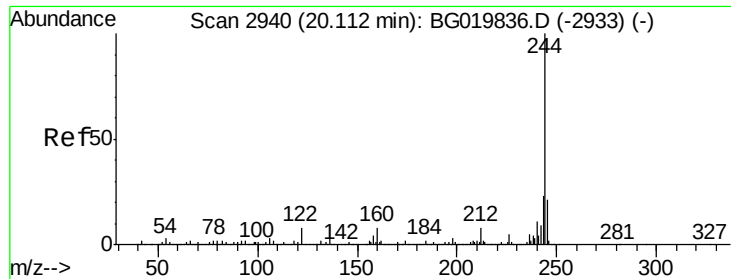
Delta R.T. -0.01 min

Lab File: BG020009.D

Acq: 8 Dec 2015 9:16

Tgt Ion:202 Resp: 1434020
 Ion Ratio Lower Upper
 202 100
 200 26.0 19.4 29.0
 203 22.3 15.5 23.3





#78

Terphenyl-d14

Concen: 0.06 ng

RT: 20.22 min Scan# 2958

Delta R.T. 0.11 min

Lab File: BG020009.D

Acq: 8 Dec 2015 9:16

Instrument :

BNA_F

ClientSampled :

SP3516

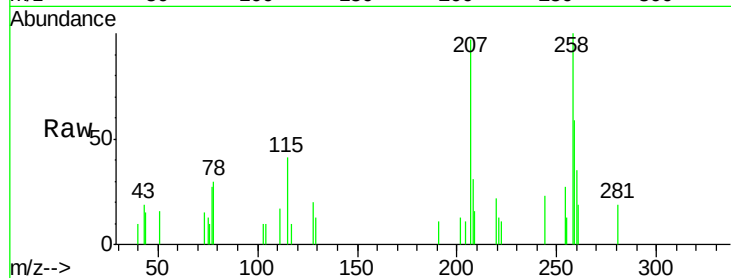
Tgt Ion: 244 Resp: 435

Ion Ratio Lower Upper

244 100

212 0.0 6.9 10.3#

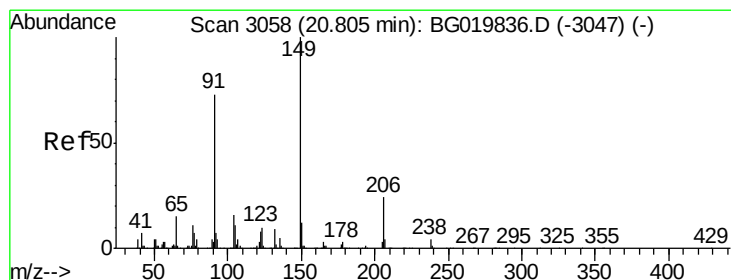
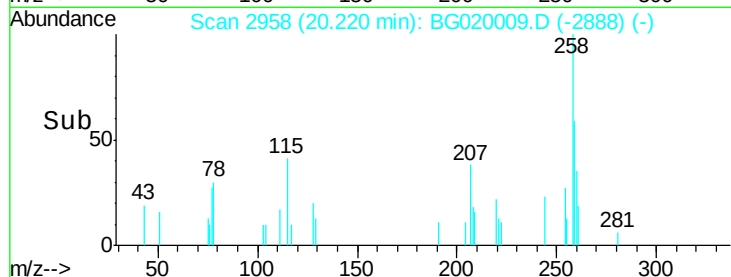
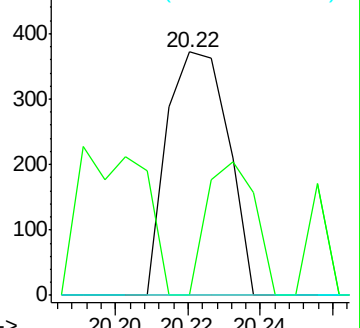
122 0.0 10.2 15.2#



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



#79

Butylbenzylphthalate

Concen: 165.17 ng

RT: 20.77 min Scan# 3052

Delta R.T. -0.03 min

Lab File: BG020009.D

Acq: 8 Dec 2015 9:16

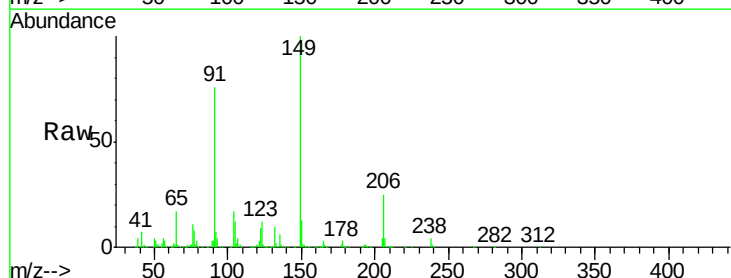
Tgt Ion: 149 Resp: 639077

Ion Ratio Lower Upper

149 100

91 75.7 58.1 87.1

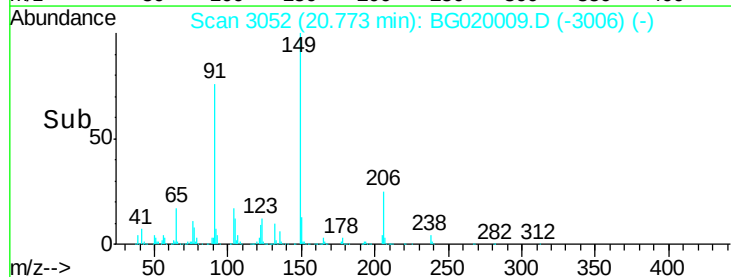
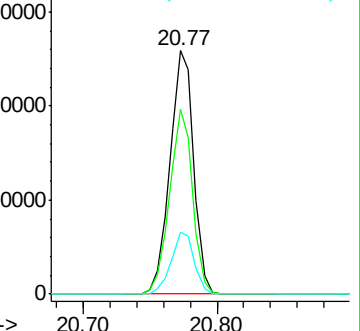
206 25.2 17.8 26.8

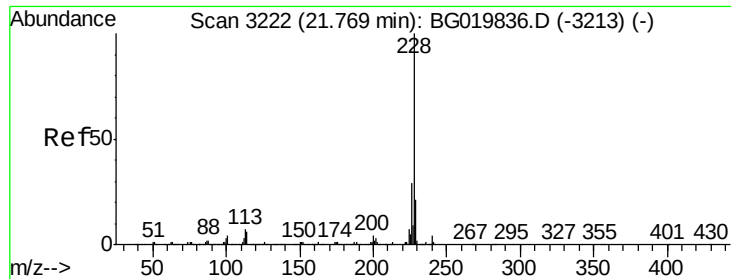


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 152.75 ng

RT: 21.75 min Scan# 3219

Delta R.T. -0.01 min

Lab File: BG020009.D

Acq: 8 Dec 2015 9:16

Instrument :

BNA_F

ClientSampleId :

SP3516

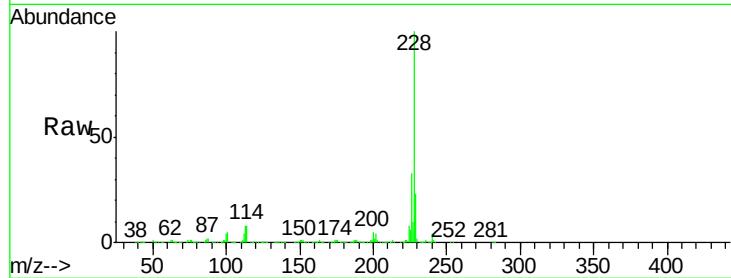
Tgt Ion:228 Resp: 1568909

Ion Ratio Lower Upper

228 100

226 32.5 23.4 35.0

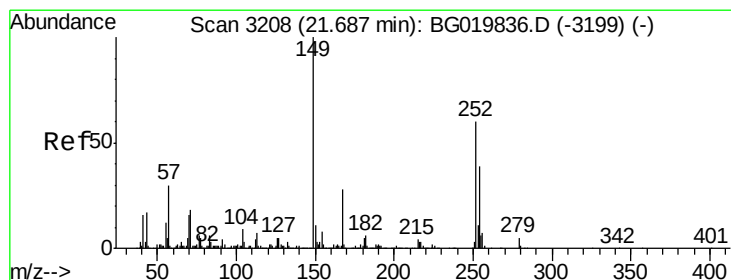
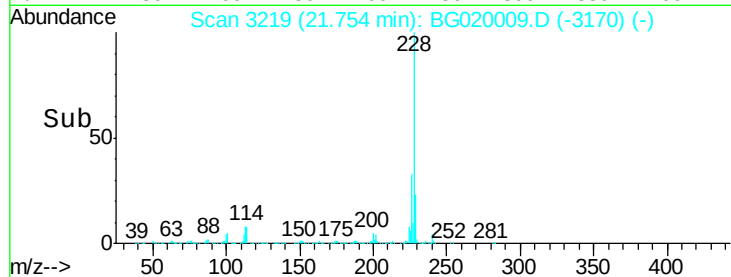
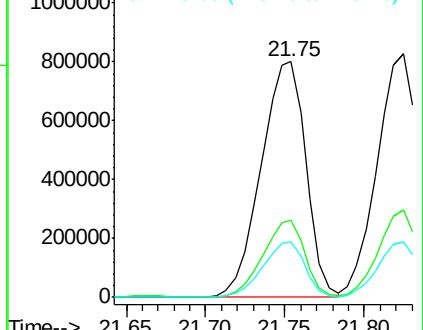
229 23.4 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 125.66 ng

RT: 21.66 min Scan# 3203

Delta R.T. -0.03 min

Lab File: BG020009.D

Acq: 8 Dec 2015 9:16

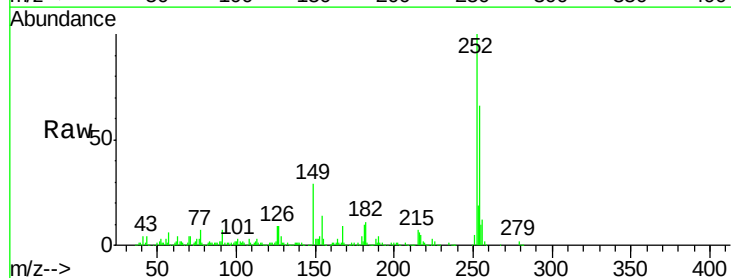
Tgt Ion:252 Resp: 491543

Ion Ratio Lower Upper

252 100

254 66.4 52.5 78.7

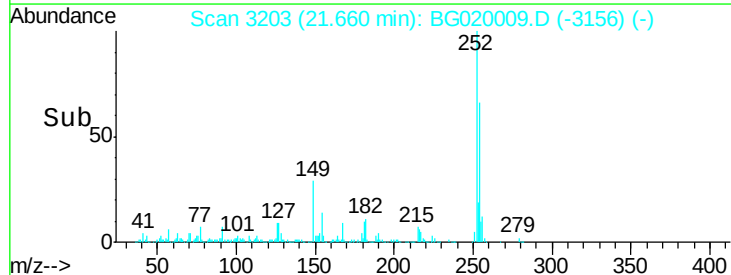
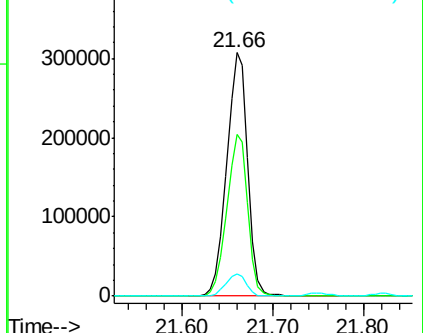
126 9.3 8.5 12.7

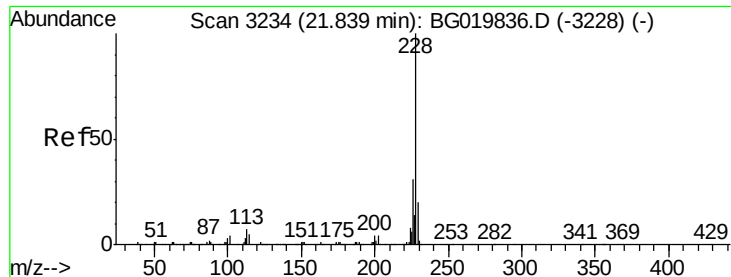


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 149.42 ng

RT: 21.82 min Scan# 3231

Delta R.T. -0.01 min

Lab File: BG020009.D

Acq: 8 Dec 2015 9:16

Instrument :

BNA_F

ClientSampleId :

SP3516

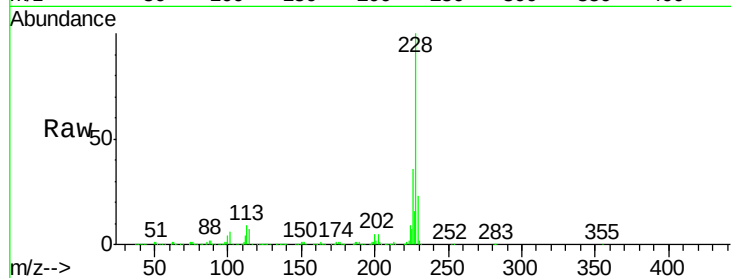
Tgt Ion:228 Resp: 1457151

Ion Ratio Lower Upper

228 100

226 36.0 26.7 40.1

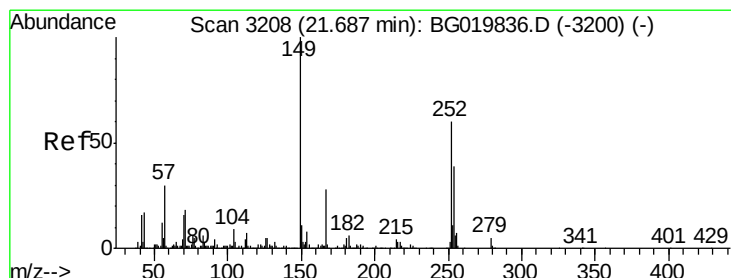
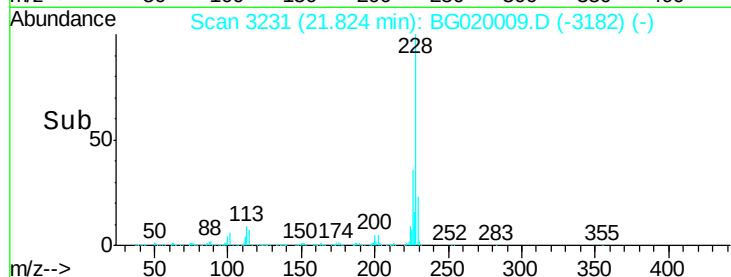
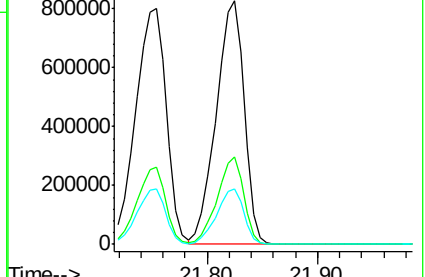
229 23.0 17.0 25.6



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 160.17 ng

RT: 21.64 min Scan# 3200

Delta R.T. -0.04 min

Lab File: BG020009.D

Acq: 8 Dec 2015 9:16

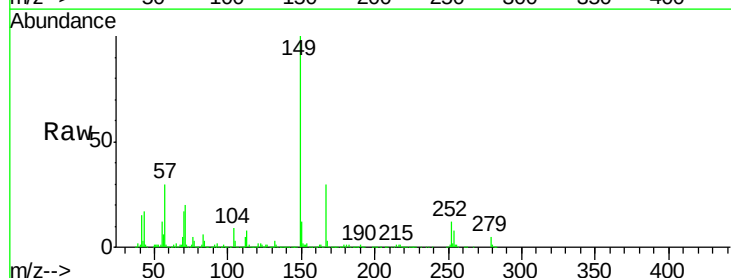
Tgt Ion:149 Resp: 909478

Ion Ratio Lower Upper

149 100

167 30.1 23.8 35.8

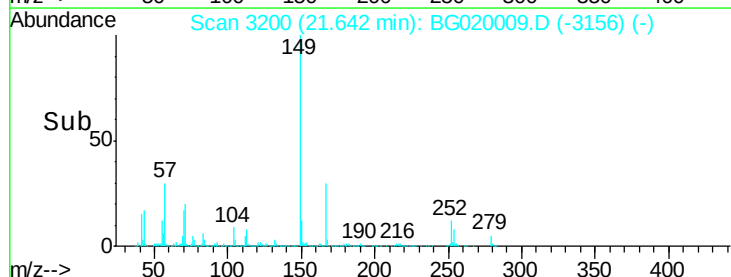
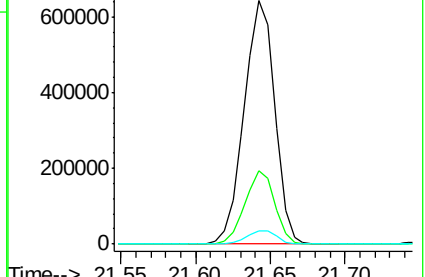
279 5.3 3.4 5.2#

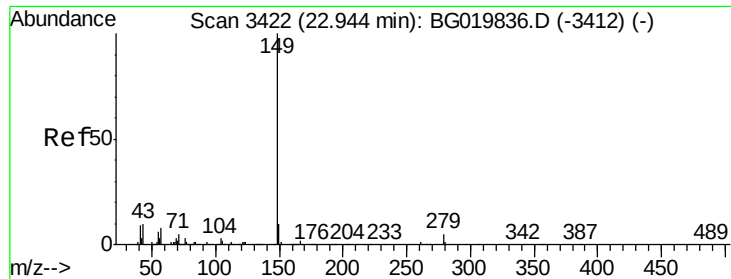


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

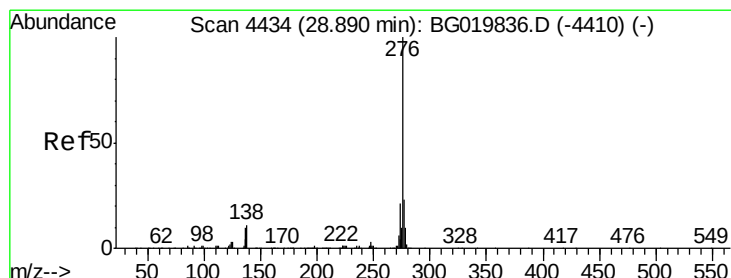
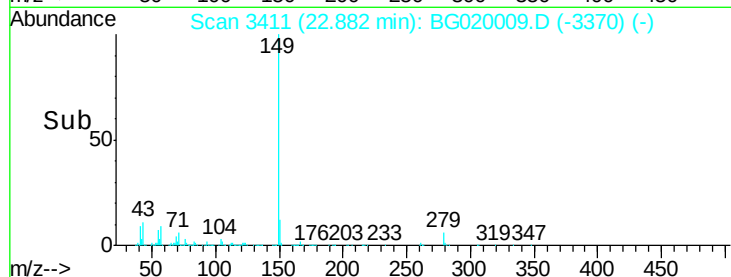
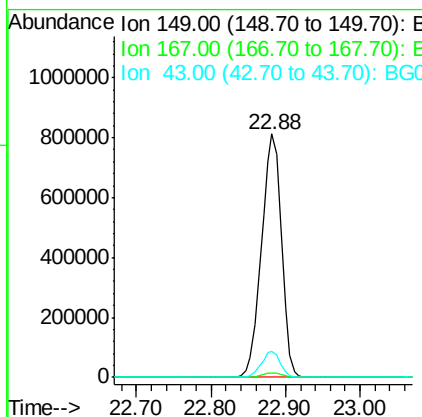
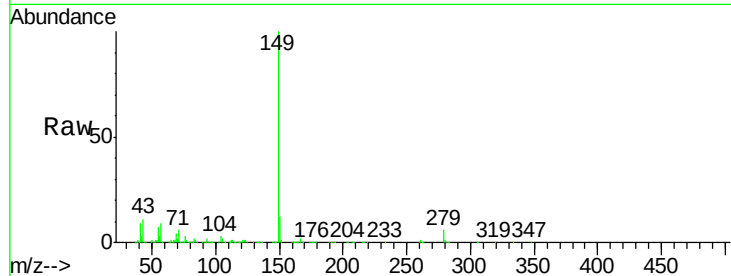




#84
Di-n-octyl phthalate
Concen: 163.40 ng
RT: 22.88 min Scan# 3411
Delta R.T. -0.06 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

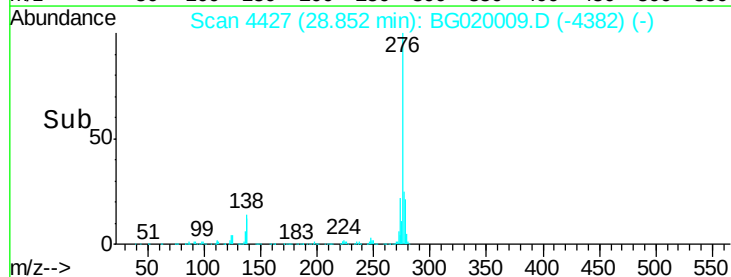
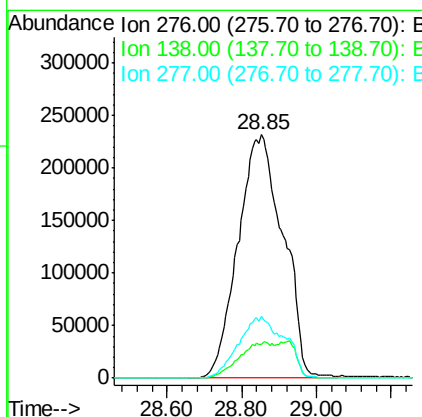
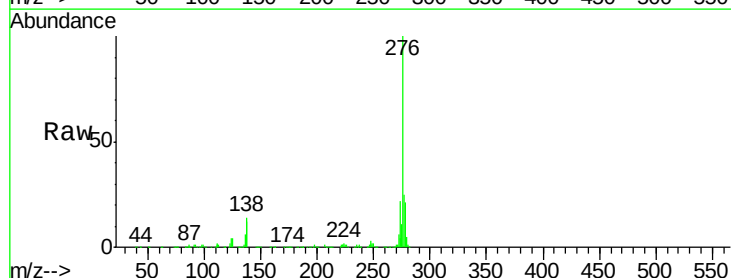
Instrument :
BNA_F
ClientSampleId :
SP3516

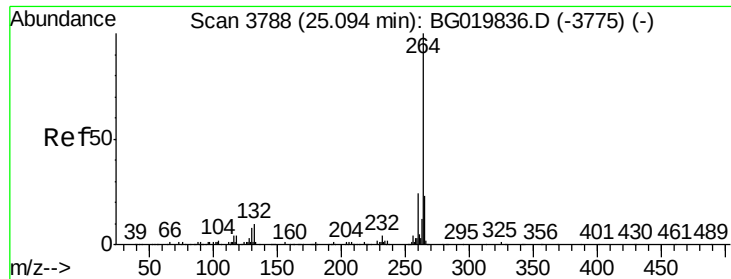
Tgt Ion:149 Resp: 1508500
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 10.3 5.9 8.9#



#85
Indeno(1,2,3-cd)pyrene
Concen: 180.42 ng
RT: 28.85 min Scan# 4427
Delta R.T. -0.04 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Tgt Ion:276 Resp: 1938229
Ion Ratio Lower Upper
276 100
138 11.1 0.0 0.0#
277 0.0 0.0 0.0

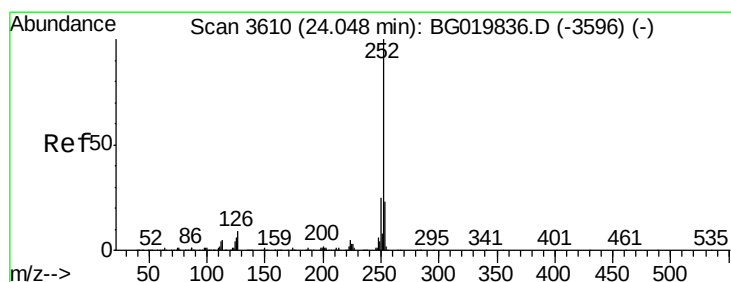
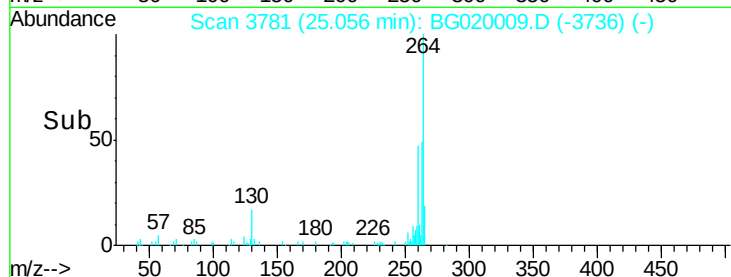
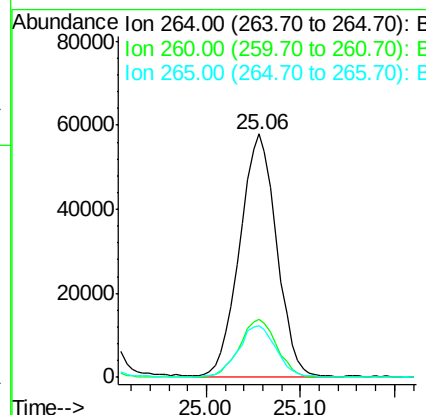
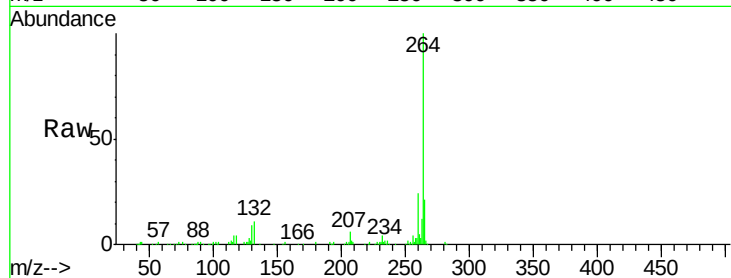




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.06 min Scan# 3781
Delta R.T. -0.04 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

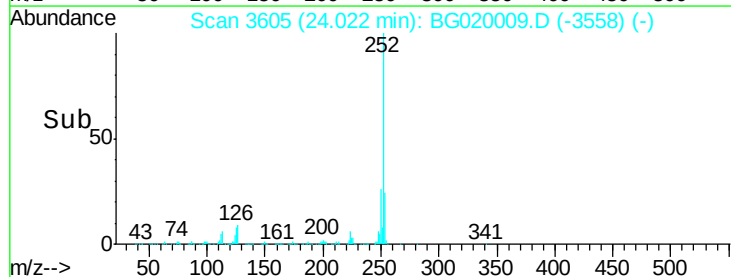
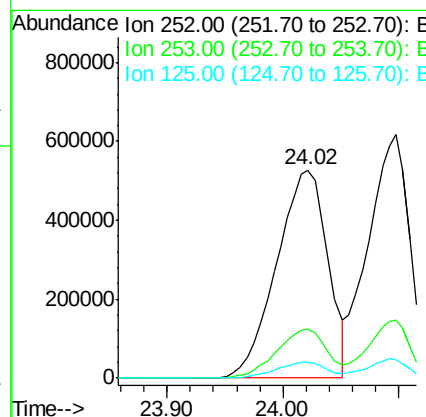
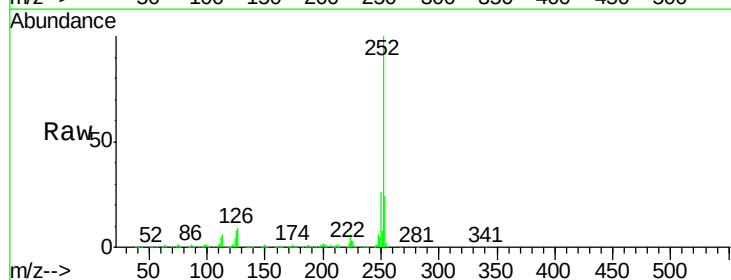
Instrument :
BNA_F
ClientSampleId :
SP3516

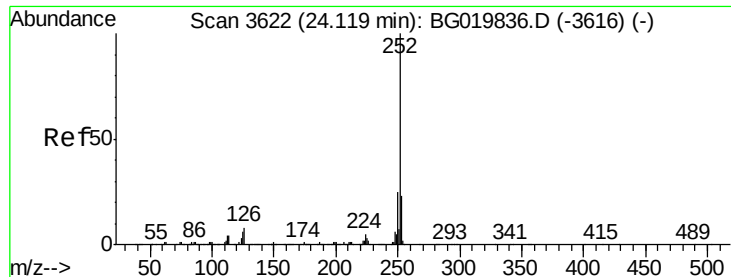
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.5	27.7
265	21.4	17.2	25.8



#87
Benzo(b)fluoranthene
Concen: 163.47 ng
RT: 24.02 min Scan# 3605
Delta R.T. -0.03 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.1	28.7
125	7.7	8.9	13.3





#88

Benzo(k)fluoranthene

Concen: 157.17 ng

RT: 24.10 min Scan# 3618

Delta R.T. -0.02 min

Lab File: BG020009.D

Acq: 8 Dec 2015 9:16

Instrument :

BNA_F

ClientSampleId :

SP3516

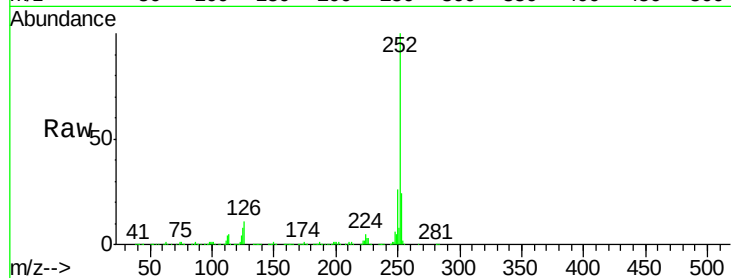
Tgt Ion:252 Resp: 1541024

Ion Ratio Lower Upper

252 100

253 23.6 19.0 28.4

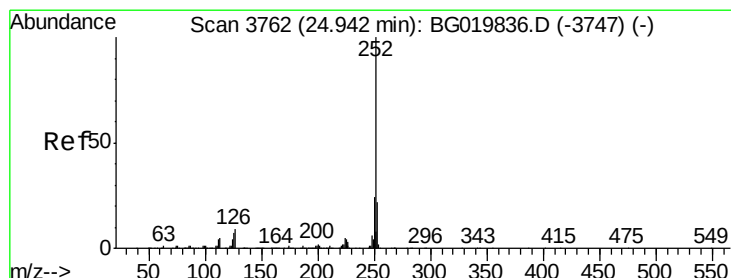
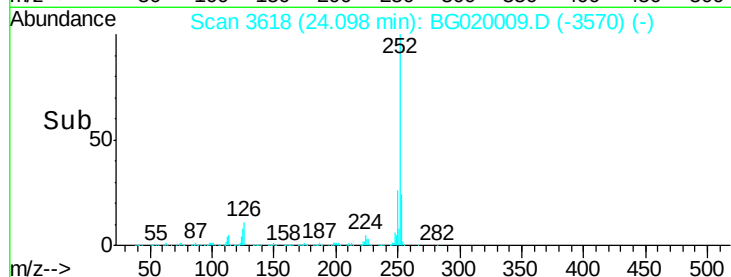
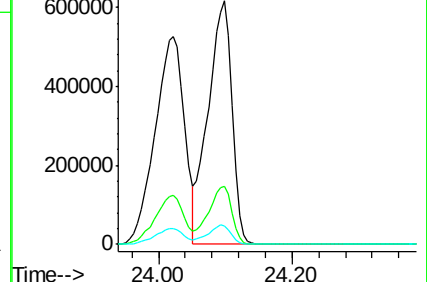
125 7.7 8.9 13.3#



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(a)pyrene

Concen: 164.83 ng

RT: 24.93 min Scan# 3759

Delta R.T. -0.01 min

Lab File: BG020009.D

Acq: 8 Dec 2015 9:16

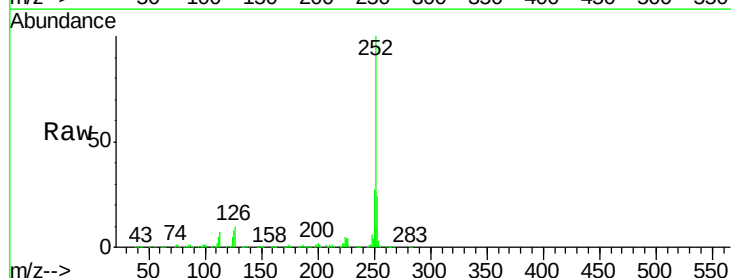
Tgt Ion:252 Resp: 1549311

Ion Ratio Lower Upper

252 100

253 23.7 18.7 28.1

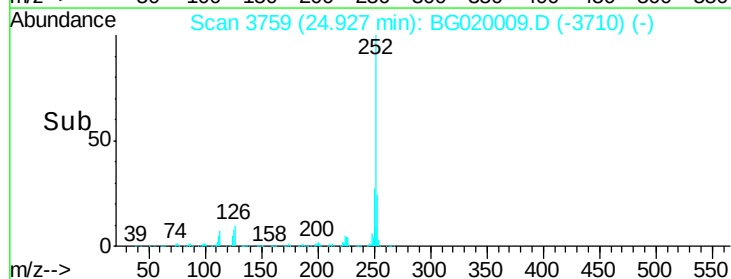
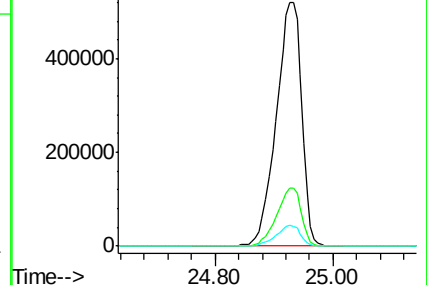
125 8.4 9.1 13.7#

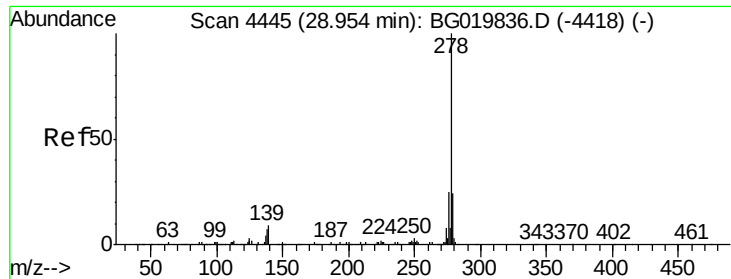


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 170.35 ng

RT: 28.93 min Scan# 4441

Delta R.T. -0.02 min

Lab File: BG020009.D

Acq: 8 Dec 2015 9:16

Instrument :

BNA_F

ClientSampleId :

SP3516

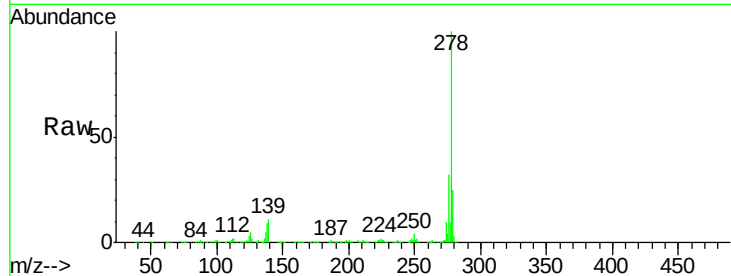
Tgt Ion:278 Resp: 1581894

Ion Ratio Lower Upper

278 100

139 11.0 13.8 20.6#

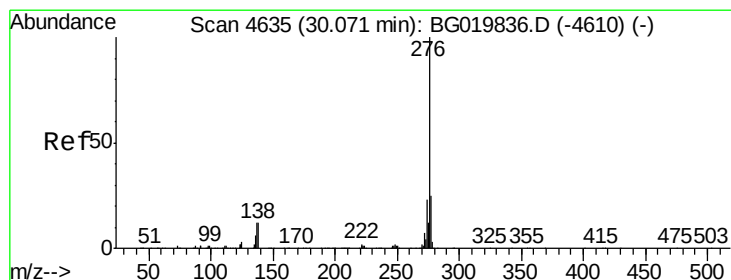
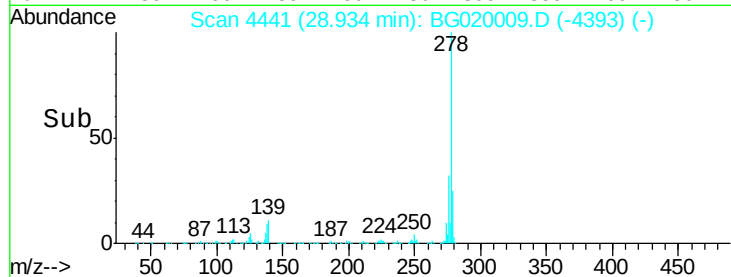
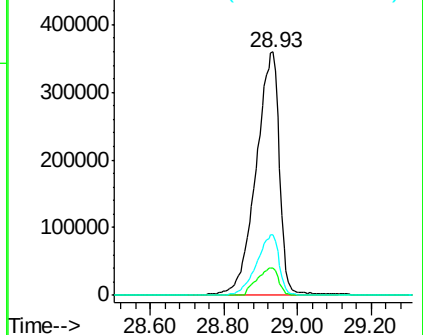
279 25.1 19.4 29.0



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



#91

Benzo(g,h,i)perylene

Concen: 171.25 ng

RT: 30.04 min Scan# 4630

Delta R.T. -0.03 min

Lab File: BG020009.D

Acq: 8 Dec 2015 9:16

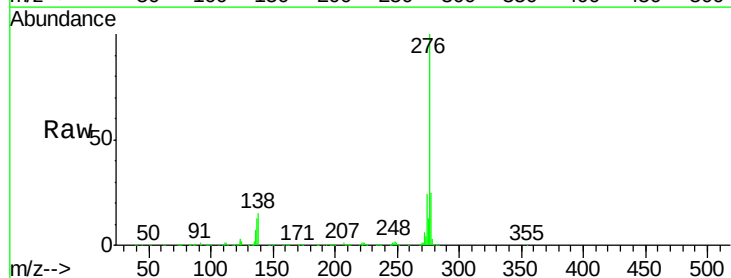
Tgt Ion:276 Resp: 1561458

Ion Ratio Lower Upper

276 100

277 24.8 18.4 27.6

138 14.6 17.4 26.0#



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

