

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121015\
 Data File : BG020046.D
 Acq On : 9 Dec 2015 16:41
 Operator : UM/SJ
 Sample : G4556-10MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ELP-1MS

Quant Time: Dec 10 00:48:51 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	8.11	152	20551	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	84862	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	57211	20.00	ng	-0.02
63) Phenanthrene-d10	17.48	188	140314	20.00	ng	-0.03
75) Chrysene-d12	21.76	240	174323	20.00	ng	-0.04
86) Perylene-d12	25.04	264	164016	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	150857	132.67	ng	-0.01
7) Phenol-d6	7.26	99	209948	122.29	ng	-0.01
23) Nitrobenzene-d5	9.28	82	162175	97.53	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	116979	133.63	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	379922	90.67	ng	-0.02
78) Terphenyl-d14	20.08	244	537708	75.24	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	15005	33.87	ng	# 100
3) Pyridine	3.94	79	44922	33.39	ng	96
4) n-Nitrosodimethylamine	3.84	42	26329	37.21	ng	85
6) Aniline	7.43	93	46242	20.80	ng	# 81
8) 2-Chlorophenol	7.67	128	59225	42.71	ng	94
9) Benzaldehyde	7.24	77	26001	22.71	ng	89
10) Phenol	7.29	94	76388	42.28	ng	79
11) bis(2-Chloroethyl)ether	7.53	93	58485	43.71	ng	88
12) 1,3-Dichlorobenzene	8.00	146	63023	40.10	ng	90
13) 1,4-Dichlorobenzene	8.15	146	65389	40.29	ng	95
14) 1,2-Dichlorobenzene	8.47	146	62456	40.34	ng	# 92
15) Benzyl Alcohol	8.35	79	64642	42.91	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.64	45	85882	39.35	ng	95
17) 2-Methylphenol	8.55	107	55751	43.71	ng	# 92
18) Hexachloroethane	9.20	117	23922	39.36	ng	95
19) n-Nitroso-di-n-propylamine	8.92	70	53705	39.67	ng	94
20) 3+4-Methylphenols	8.88	107	76190	42.42	ng	93
22) Acetophenone	8.94	105	98875	42.50	ng	# 93
24) Nitrobenzene	9.32	77	81881	45.40	ng	92
25) Isophorone	9.84	82	149552	41.95	ng	97
26) 2-Nitrophenol	10.04	139	33626	48.27	ng	# 80
27) 2,4-Dimethylphenol	10.09	122	62887	43.35	ng	94
28) bis(2-Chloroethoxy)methane	10.32	93	82678	47.46	ng	100
29) 2,4-Dichlorophenol	10.57	162	69114	46.64	ng	94
30) 1,2,4-Trichlorobenzene	10.79	180	72205	43.11	ng	96
31) Naphthalene	10.98	128	206086	45.33	ng	99
32) Benzoic acid	10.22	122	40004	41.80	ng	88
33) 4-Chloroaniline	11.08	127	16497	8.23	ng	# 92
34) Hexachlorobutadiene	11.26	225	50012	40.48	ng	96
35) Caprolactam	11.86	113	20287	36.77	ng	# 76
36) 4-Chloro-3-methylphenol	12.19	107	77149	41.80	ng	93
37) 2-Methylnaphthalene	12.57	142	152284	45.71	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	99317	45.75	ng	100
40) Hexachlorocyclopentadiene	12.92	237	93581	75.59	ng	97

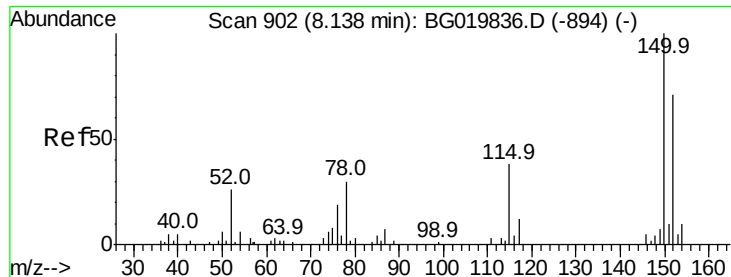
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121015\
 Data File : BG020046.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	63833	44.41	nq	98
43) 2,4,5-Trichlorophenol	13.25	196	72059	47.43	nq	97
45) 1,1'-Biphenyl	13.57	154	205272	43.72	nq	99
46) 2-Chloronaphthalene	13.62	162	163411	45.15	nq	96
47) 2-Nitroaniline	13.82	65	58845	51.48	nq	91
48) Acenaphthylene	14.47	152	274028	44.45	nq	100
49) Dimethylphthalate	14.19	163	236589	45.97	nq	98
50) 2,6-Dinitrotoluene	14.31	165	48285	49.90	nq	# 82
51) Acenaphthene	14.81	154	161417	43.15	nq	98
52) 3-Nitroaniline	14.64	138	31729	31.56	nq	92
53) 2,4-Dinitrophenol	14.84	184	38960	76.17	nq	90
54) Dibenzofuran	15.14	168	271025	48.71	nq	92
55) 4-Nitrophenol	14.94	139	70923	81.01	nq	# 69
56) 2,4-Dinitrotoluene	15.09	165	69189	51.25	nq	# 92
57) Fluorene	15.78	166	215540	43.27	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.36	232	66260	47.13	nq	97
59) Diethylphthalate	15.55	149	226366	40.64	nq	96
60) 4-Chlorophenyl-phenylether	15.78	204	120364	42.09	nq	96
61) 4-Nitroaniline	15.80	138	49323	43.63	nq	# 76
62) Azobenzene	16.06	77	209027	45.10	nq	94
64) 4,6-Dinitro-2-methylphenol	15.85	198	32864	42.49	nq	91
65) n-Nitrosodiphenylamine	15.99	169	194163	47.82	nq	97
66) 4-Bromophenyl-phenylether	16.67	248	80746	46.31	nq	97
67) Hexachlorobenzene	16.79	284	86976	47.89	nq	95
68) Atrazine	16.93	200	70143	39.76	nq	96
69) Pentachlorophenol	17.13	266	100341	94.66	nq	92
70) Phenanthrene	17.53	178	365172	46.00	nq	97
71) Anthracene	17.62	178	372840	46.11	nq	97
72) Carbazole	17.88	167	325319	45.67	nq	97
73) Di-n-butylphthalate	18.43	149	379939	43.51	nq	98
74) Fluoranthene	19.52	202	463171	45.61	nq	93
76) Benzidine	19.71	184	165898	28.97	nq	97
77) Pyrene	19.89	202	471267	45.95	nq	95
79) Butylbenzylphthalate	20.76	149	183329	45.61	nq	99
80) Benzo(a)anthracene	21.73	228	488299	45.76	nq	98
81) 3,3'-Dichlorobenzidine	21.65	252	115282	28.37	nq	99
82) Chrysene	21.80	228	438662	43.30	nq	98
83) Bis(2-ethylhexyl)phthalate	21.63	149	277627	47.06	nq	# 96
84) Di-n-octyl phthalate	22.86	149	456197	47.56	nq	# 95
85) Indeno(1,2,3-cd)pyrene	28.78	276	537265	48.14	nq	# 100
87) Benzo(b)fluoranthene	23.99	252	477417	45.93	nq	# 94
88) Benzo(k)fluoranthene	24.06	252	457210	44.41	nq	# 94
89) Benzo(a)pyrene	24.88	252	457279	46.33	nq	# 94
90) Dibenzo(a,h)anthracene	28.84	278	447447	45.89	nq	# 93
91) Benzo(g,h,i)perylene	29.96	276	440467	46.01	nq	# 90

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 898

Delta R.T. -0.02 min

Lab File: BG020046.D

Acq: 9 Dec 2015 16:41

Instrument :

BNA_G

ClientSampleId :

ELP-1MS

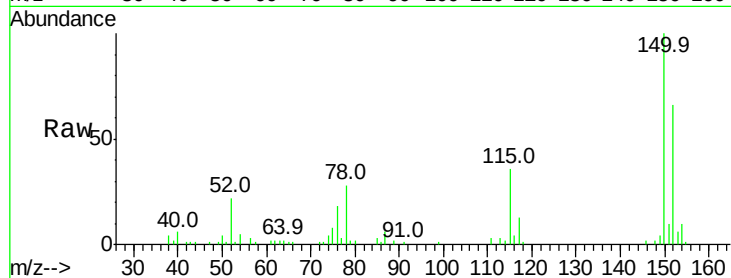
Tot Ion:152 Resp: 20551

Ion Ratio Lower Upper

152 100

150 152.1 115.0 172.4

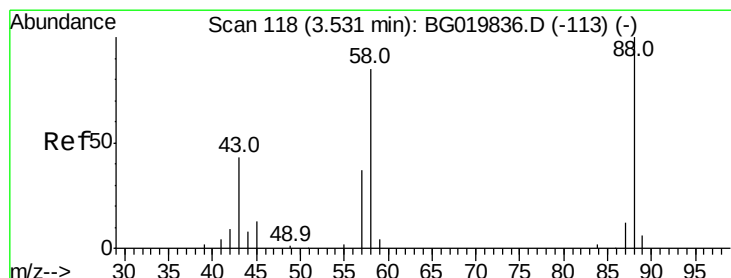
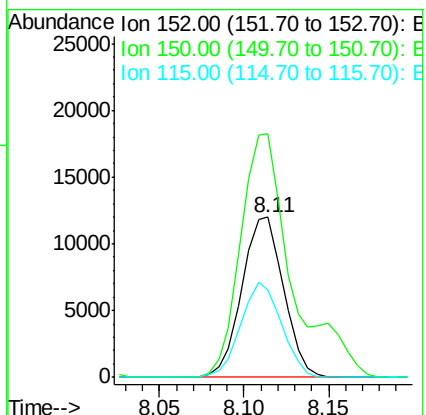
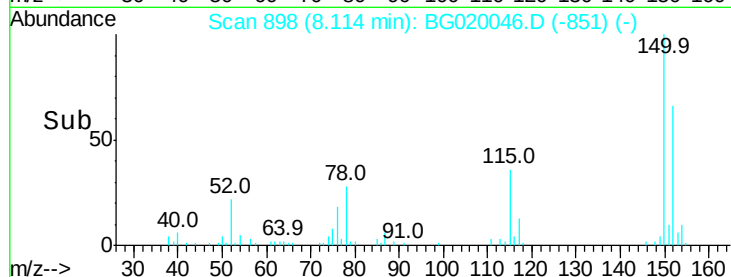
115 55.0 43.9 65.9



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: 33.87 ng

RT: 3.53 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG020046.D

Acq: 9 Dec 2015 16:41

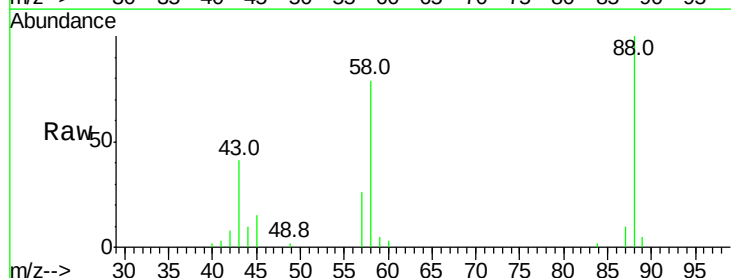
Tgt Ion: 88 Resp: 15005

Ion Ratio Lower Upper

88 100

58 82.5 0.0 0.0#

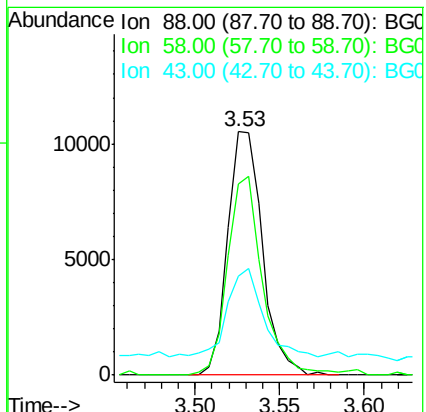
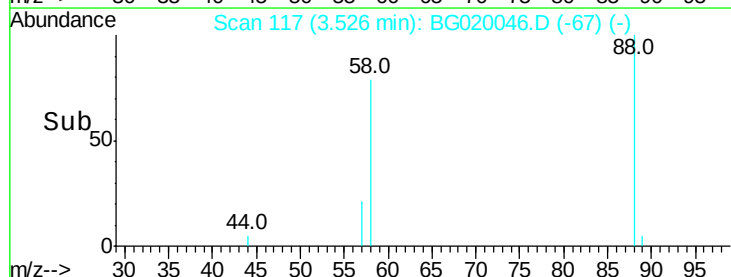
43 36.4 0.0 0.0#

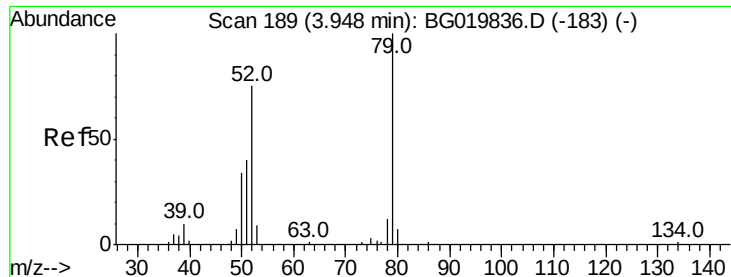


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

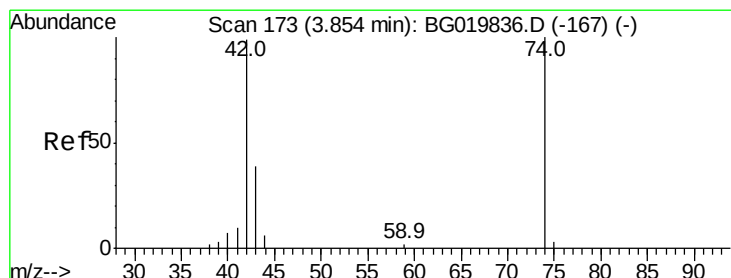
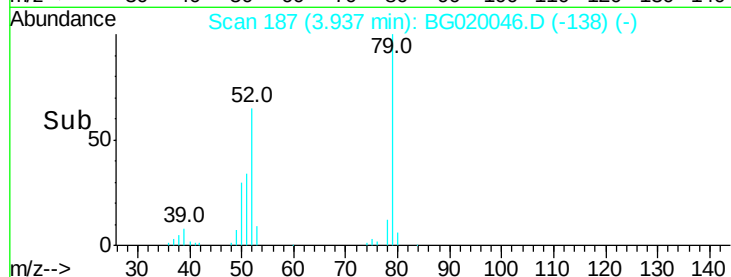
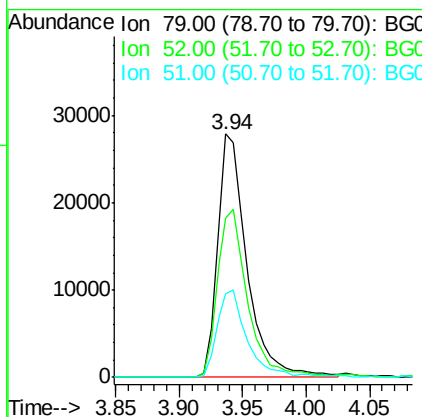
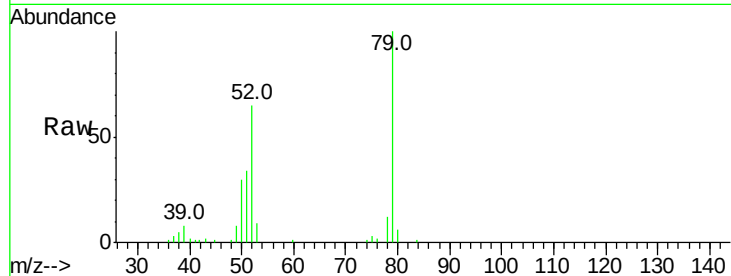




#3
 Pvridine
 Concen: 33.39 ng
 RT: 3.94 min Scan# 187
 Delta R.T. -0.01 min
 Lab File: BG020046.D
 Acq: 9 Dec 2015 16:41

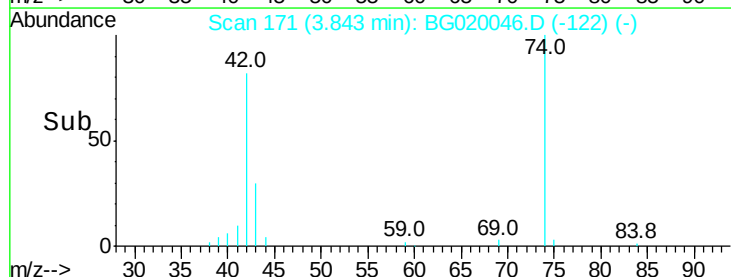
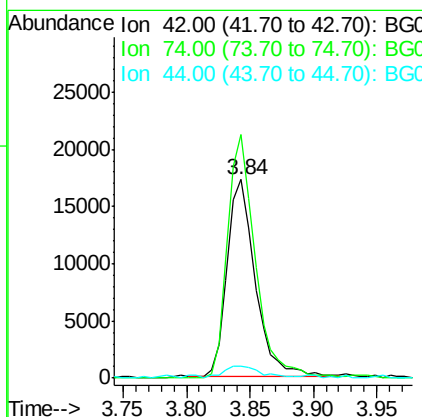
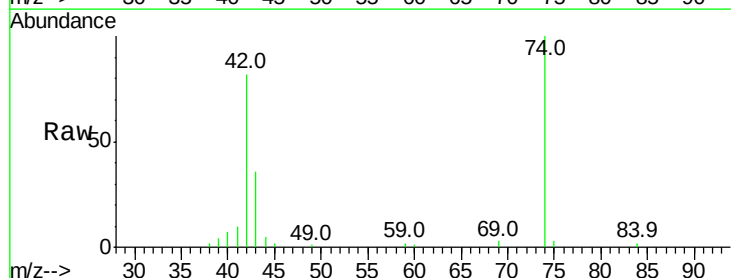
Instrument :
 BNA_G
 ClientSampleId :
 ELP-1MS

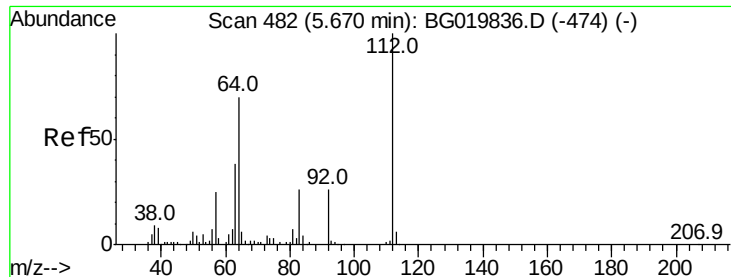
Tot Ion: 79 Resp: 44922
 Ion Ratio Lower Upper
 79 100
 52 65.4 50.3 75.5
 51 34.2 24.8 37.2



#4
 n-Nitrosodimethylamine
 Concen: 37.21 ng
 RT: 3.84 min Scan# 171
 Delta R.T. -0.01 min
 Lab File: BG020046.D
 Acq: 9 Dec 2015 16:41

Tgt Ion: 42 Resp: 26329
 Ion Ratio Lower Upper
 42 100
 74 122.7 113.9 170.9
 44 5.9 5.7 8.5





#5

2-Fluorophenol

Concen: 132.67 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG020046.D

Acq: 9 Dec 2015 16:41

Instrument :

BNA_G

ClientSampleId :

ELP-1MS

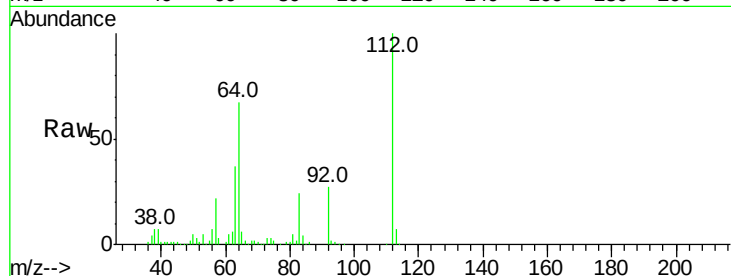
Tot Ion:112 Resp: 150857

Ion Ratio Lower Upper

112 100

64 67.0 43.7 65.5#

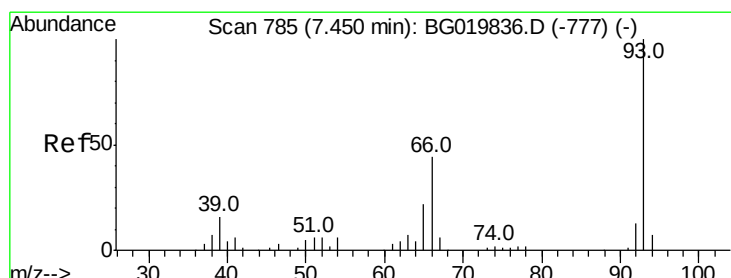
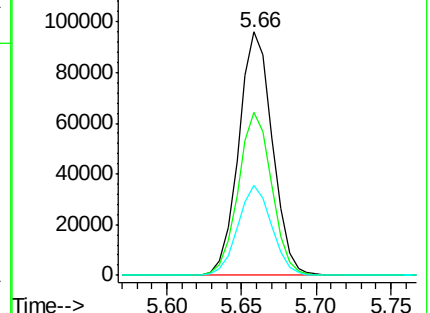
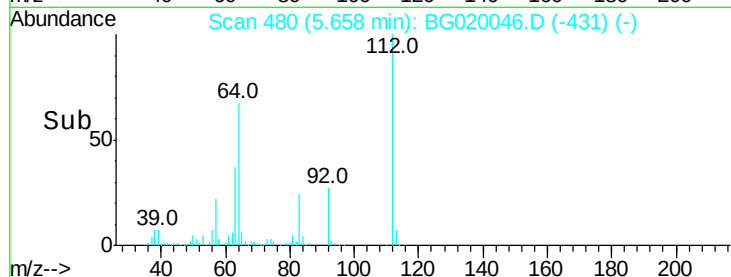
63 36.7 24.0 36.0#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 20.80 ng

RT: 7.43 min Scan# 782

Delta R.T. -0.02 min

Lab File: BG020046.D

Acq: 9 Dec 2015 16:41

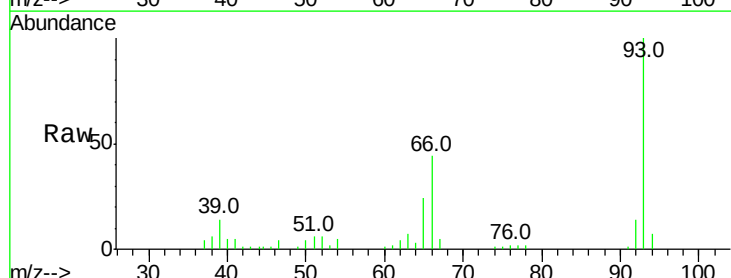
Tgt Ion: 93 Resp: 46242

Ion Ratio Lower Upper

93 100

66 44.4 26.2 39.2#

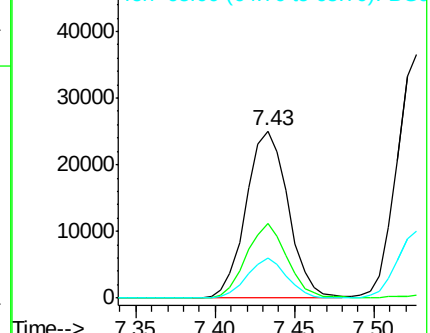
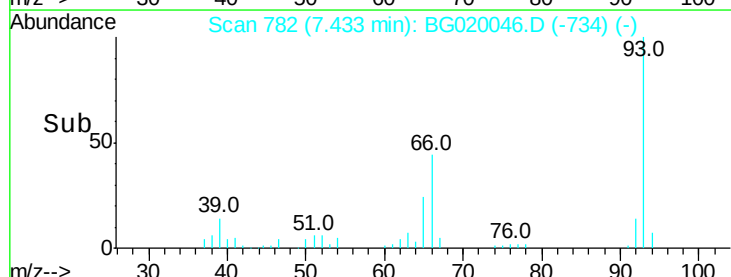
65 23.8 14.0 21.0#

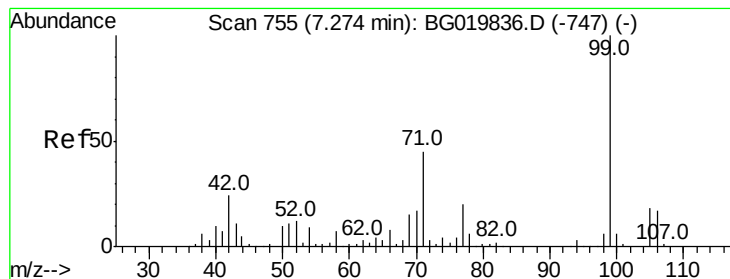


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 122.29 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG020046.D

Acq: 9 Dec 2015 16:41

Instrument :

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ClientSampleId :

ELP-1MS

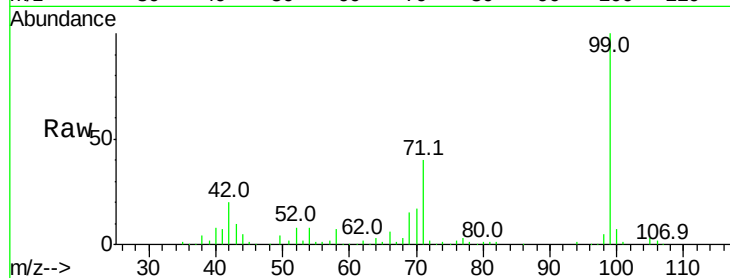
Tot Ion: 99 Resp: 209948

Ion Ratio Lower Upper

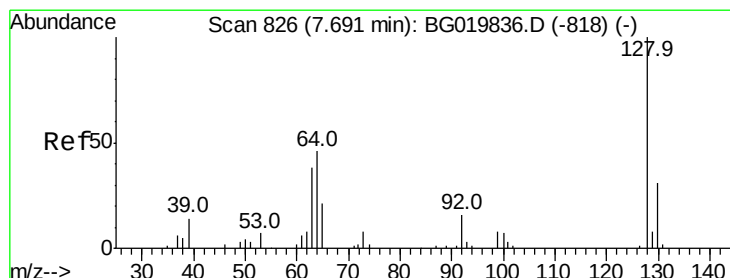
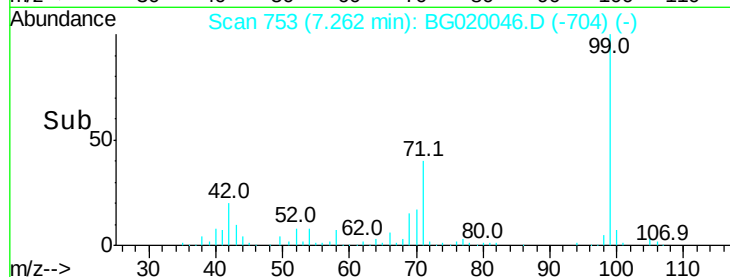
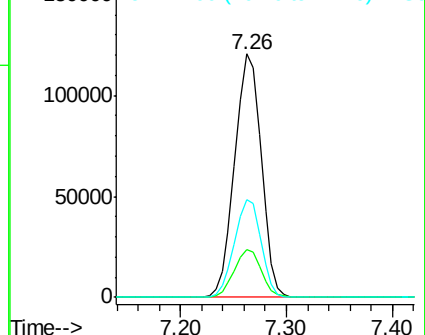
99 100

42 19.5 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: 42.71 ng

RT: 7.67 min Scan# 823

Delta R.T. -0.02 min

Lab File: BG020046.D

Acq: 9 Dec 2015 16:41

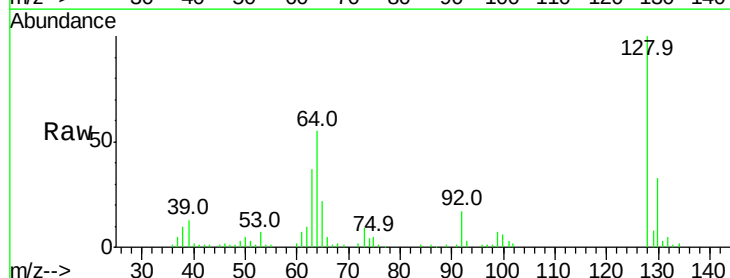
Tgt Ion: 128 Resp: 59225

Ion Ratio Lower Upper

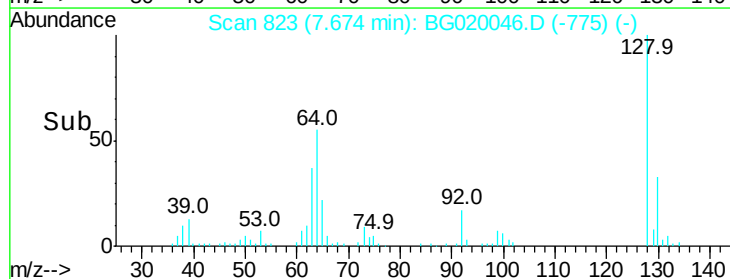
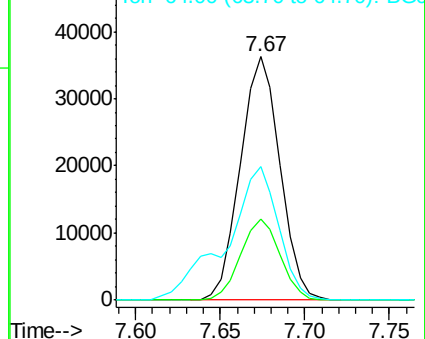
128 100

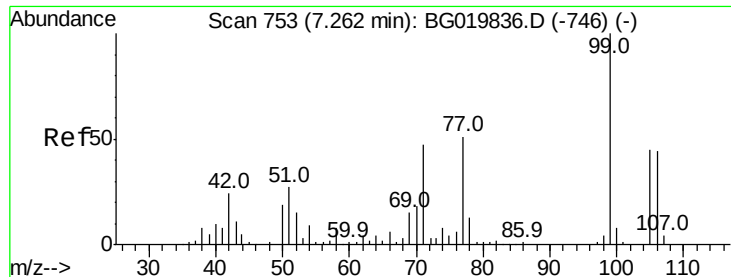
130 33.1 13.0 53.0

64 54.6 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: 22.71 ng

RT: 7.24 min Scan# 749

Delta R.T. -0.02 min

Lab File: BG020046.D

Acq: 9 Dec 2015 16:41

Instrument :

BNA_G

ClientSampleID :

ELP-1MS

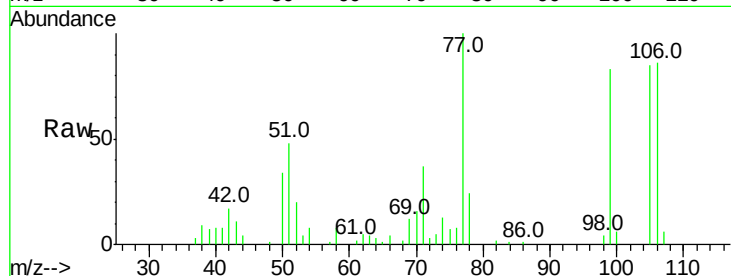
Tot Ion: 77 Resp: 26001

Ion Ratio Lower Upper

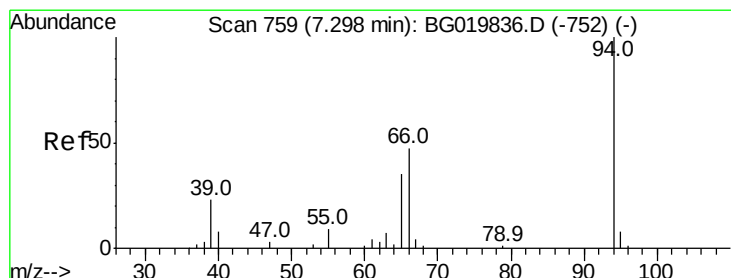
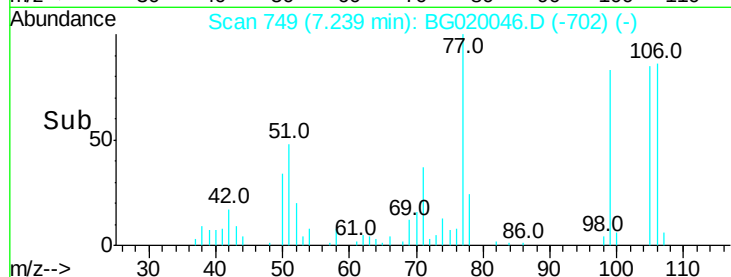
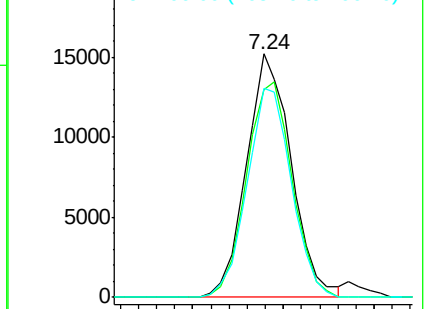
77 100

105 85.4 77.7 117.7

106 85.8 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: 42.28 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.01 min

Lab File: BG020046.D

Acq: 9 Dec 2015 16:41

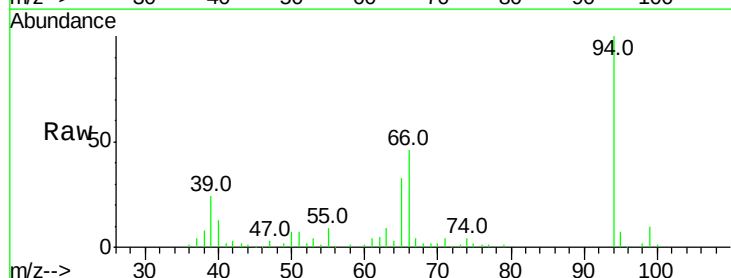
Tgt Ion: 94 Resp: 76388

Ion Ratio Lower Upper

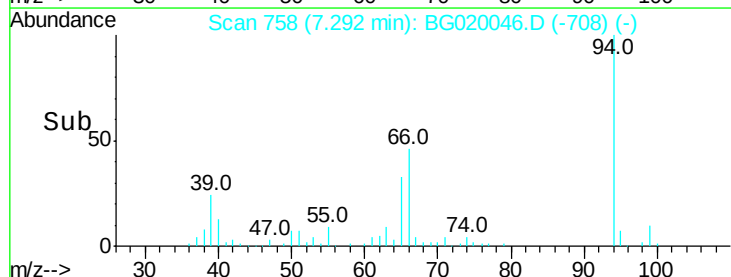
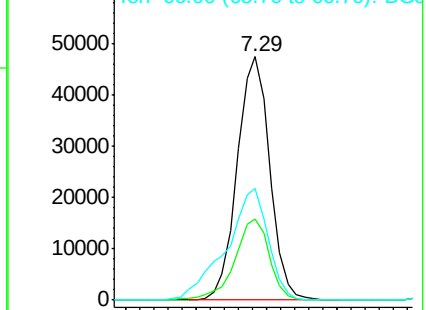
94 100

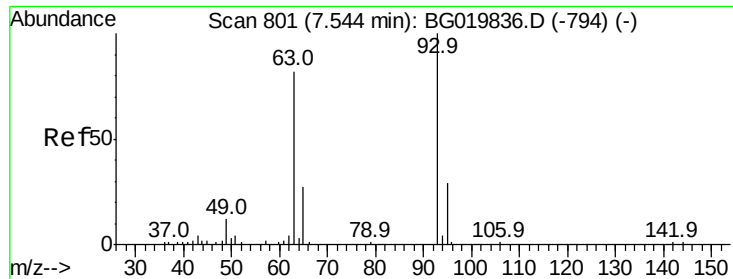
65 33.1 5.4 45.4

66 46.1 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

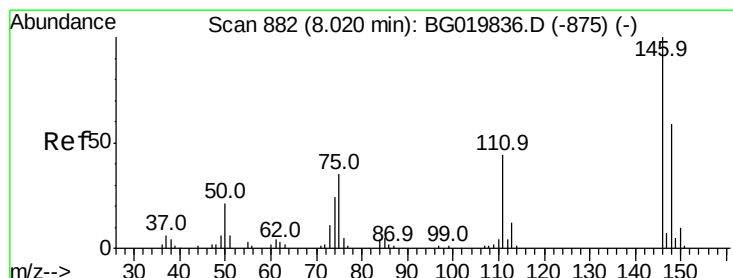
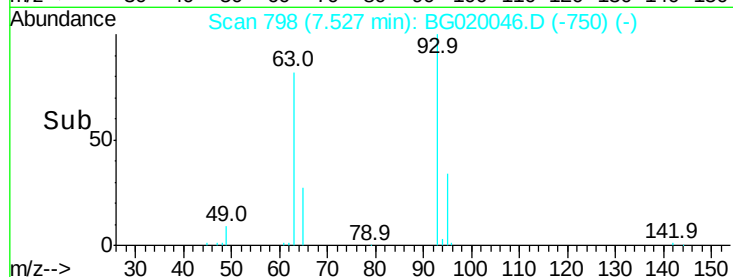
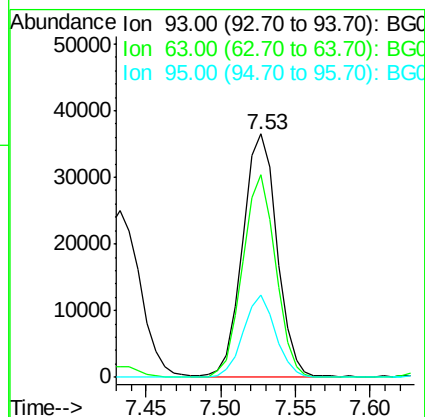
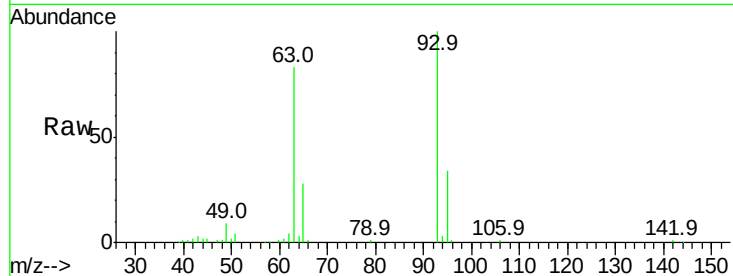




#11
bis(2-Chloroethyl)ether
Concen: 43.71 ng
RT: 7.53 min Scan# 798
Delta R.T. -0.02 min
Lab File: BG020046.D
Acq: 9 Dec 2015 16:41

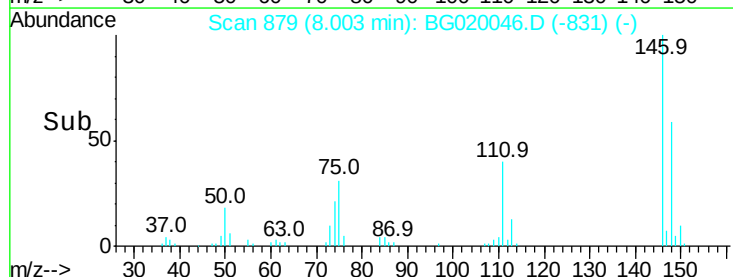
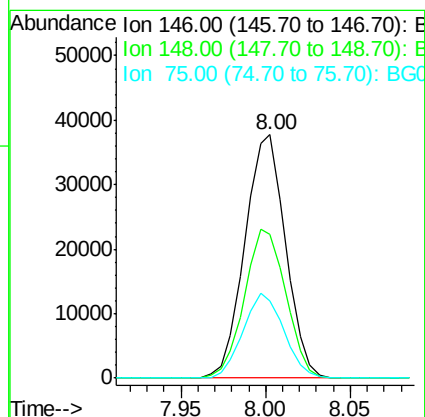
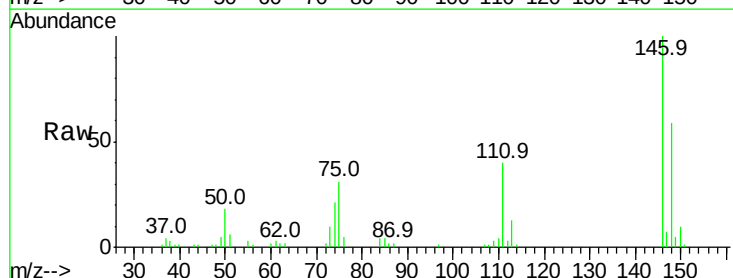
Instrument :
BNA_G
ClientSampleId :
ELP-1MS

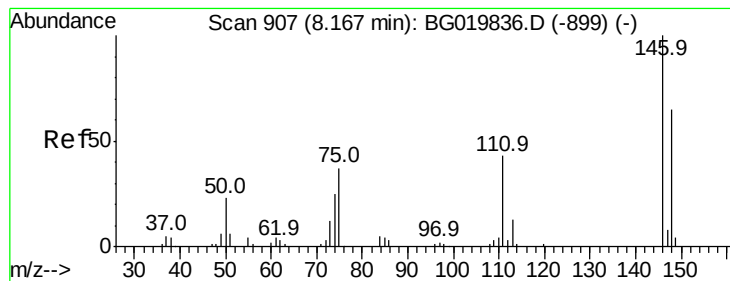
Tot Ion: 93 Resp: 58485
Ion Ratio Lower Upper
93 100
63 83.2 50.5 90.5
95 33.8 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 40.10 ng
RT: 8.00 min Scan# 879
Delta R.T. -0.02 min
Lab File: BG020046.D
Acq: 9 Dec 2015 16:41

Tgt Ion: 146 Resp: 63023
Ion Ratio Lower Upper
146 100
148 59.0 53.4 80.0
75 31.5 21.1 31.7

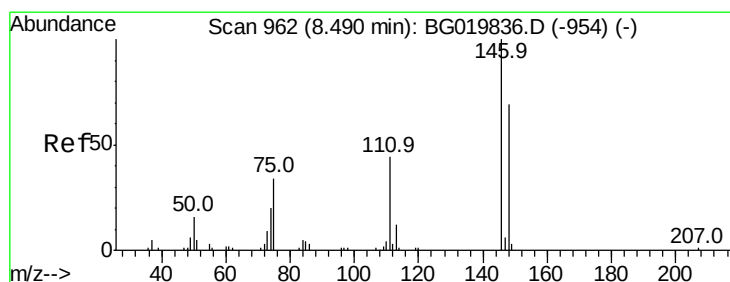
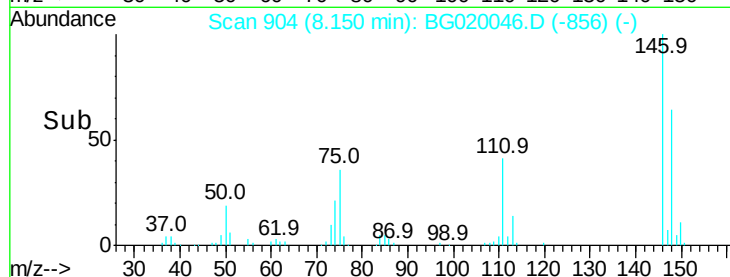
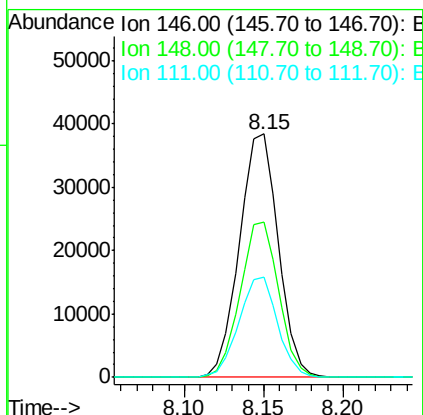
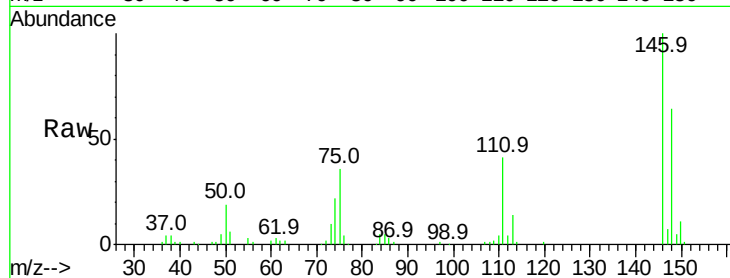




#13
 1,4-Dichlorobenzene
 Concen: 40.29 ng
 RT: 8.15 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG020046.D
 Acq: 9 Dec 2015 16:41

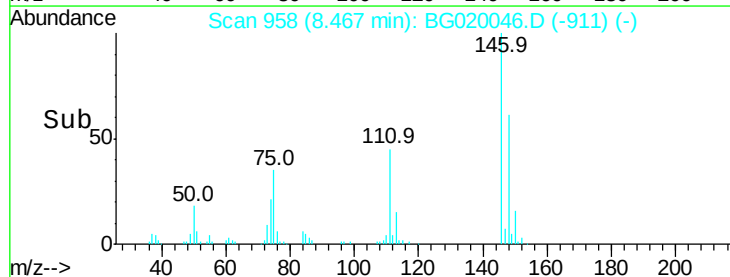
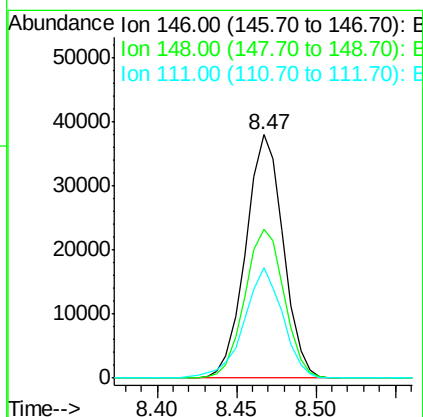
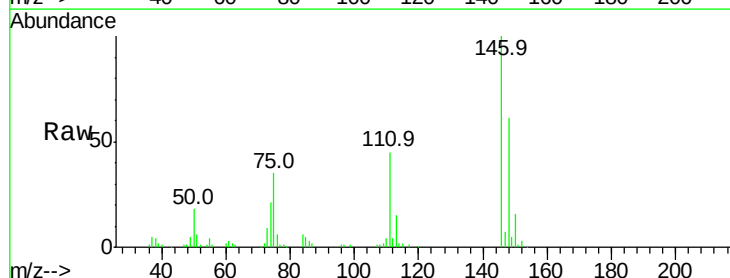
Instrument :
 BNA_G
 ClientSampleId :
 ELP-1MS

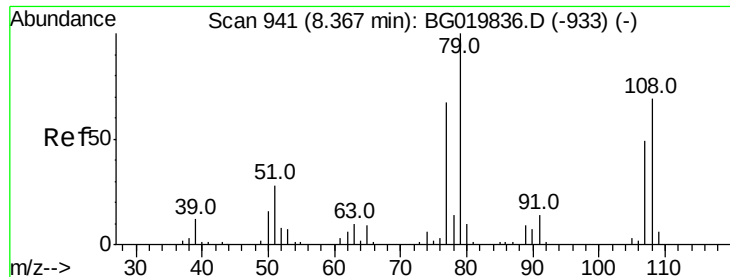
Tot Ion:146 Resp: 65389
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.5 78.7
 111 41.1 28.3 42.5



#14
 1,2-Dichlorobenzene
 Concen: 40.34 ng
 RT: 8.47 min Scan# 958
 Delta R.T. -0.02 min
 Lab File: BG020046.D
 Acq: 9 Dec 2015 16:41

Tgt Ion:146 Resp: 62456
 Ion Ratio Lower Upper
 146 100
 148 61.0 52.5 78.7
 111 45.3 29.9 44.9#





#15

Benzyl Alcohol

Concen: 42.91 ng

RT: 8.35 min Scan# 938

Delta R.T. -0.02 min

Lab File: BG020046.D

Acq: 9 Dec 2015 16:41

Instrument :

BNA_G

ClientSampleId :

ELP-1MS

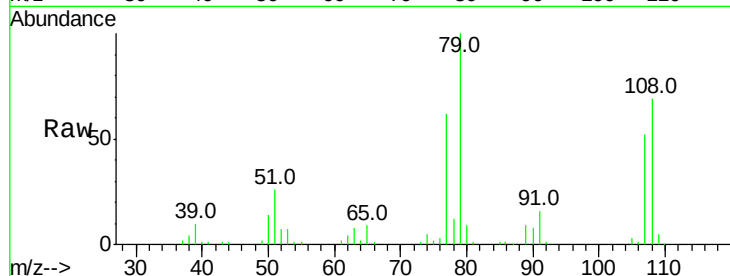
Tot Ion: 79 Resp: 64642

Ion Ratio Lower Upper

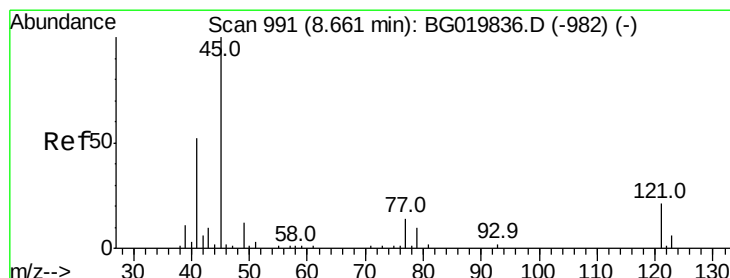
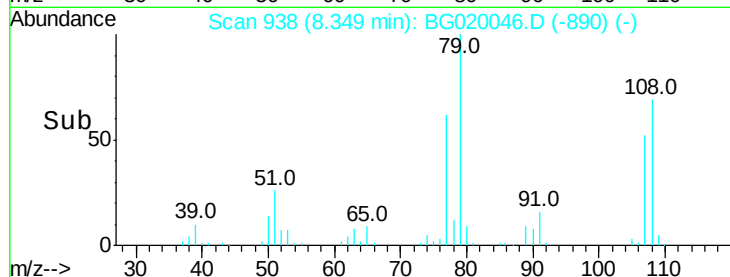
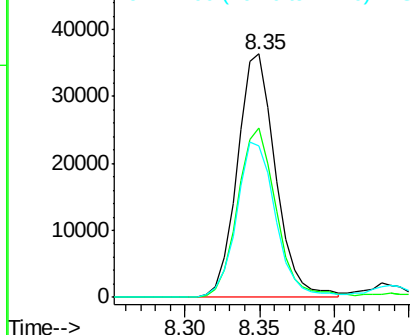
79 100

108 69.3 65.5 98.3

77 62.0 51.3 76.9



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.35 ng

RT: 8.64 min Scan# 988

Delta R.T. -0.02 min

Lab File: BG020046.D

Acq: 9 Dec 2015 16:41

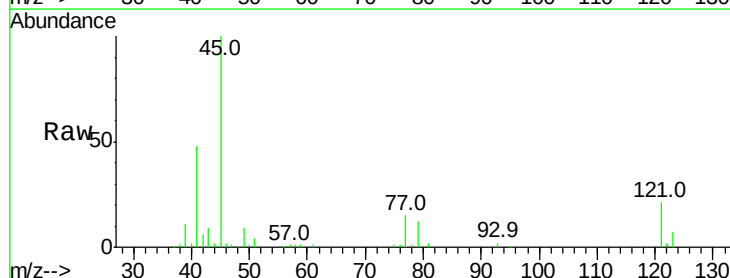
Tgt Ion: 45 Resp: 85882

Ion Ratio Lower Upper

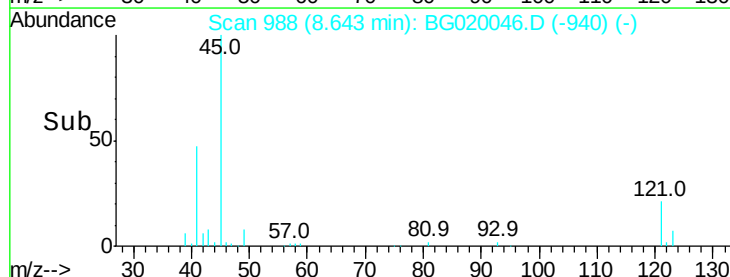
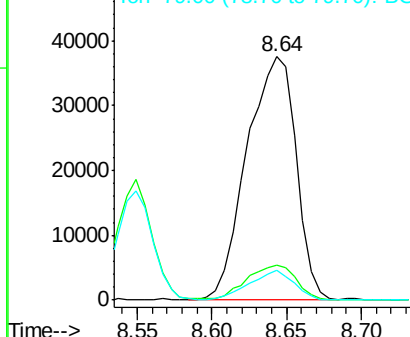
45 100

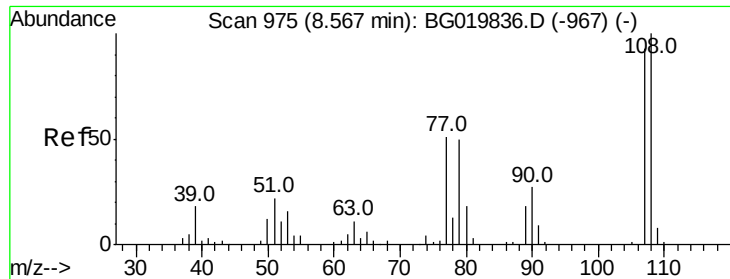
77 14.6 0.0 37.0

79 12.0 0.0 33.8



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 43.71 ng

RT: 8.55 min Scan# 972

Delta R.T. -0.02 min

Lab File: BG020046.D

Acq: 9 Dec 2015 16:41

Instrument :

BNA_G

ClientSampleId :

ELP-1MS

Tot Ion:107 Resp: 55751

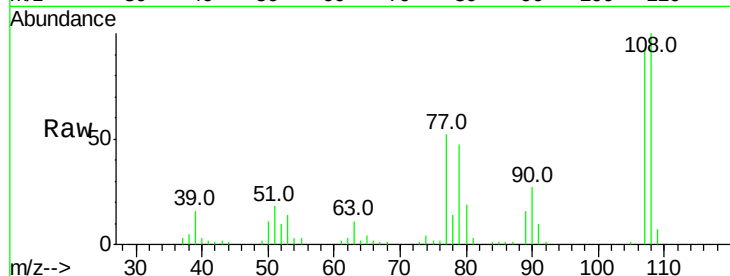
Ion Ratio Lower Upper

107 100

108 107.6 86.5 129.7

77 56.3 34.6 51.8#

79 50.9 32.3 48.5#

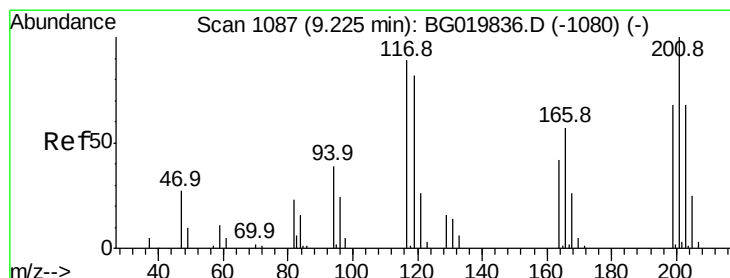
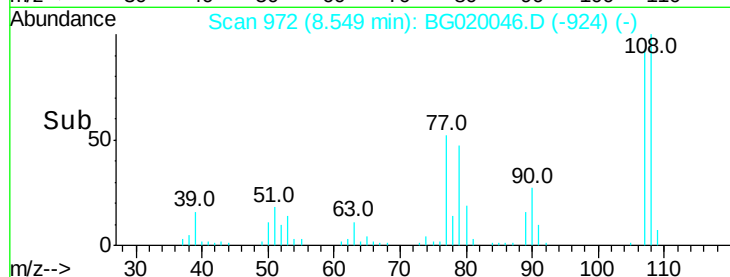
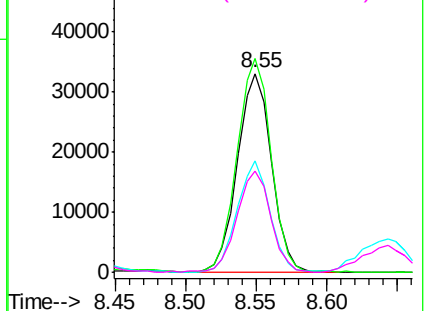


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 39.36 ng

RT: 9.20 min Scan# 1083

Delta R.T. -0.02 min

Lab File: BG020046.D

Acq: 9 Dec 2015 16:41

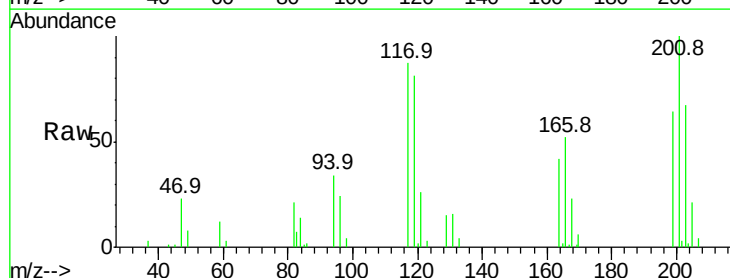
Tgt Ion:117 Resp: 23922

Ion Ratio Lower Upper

117 100

119 93.6 71.7 107.5

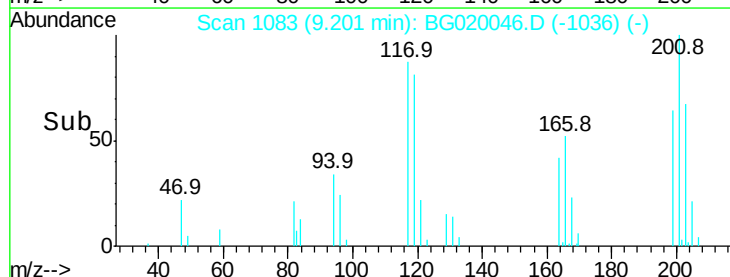
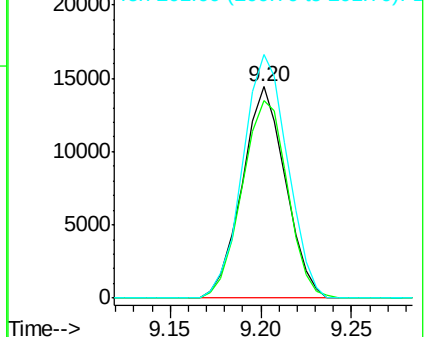
201 119.0 90.9 136.3

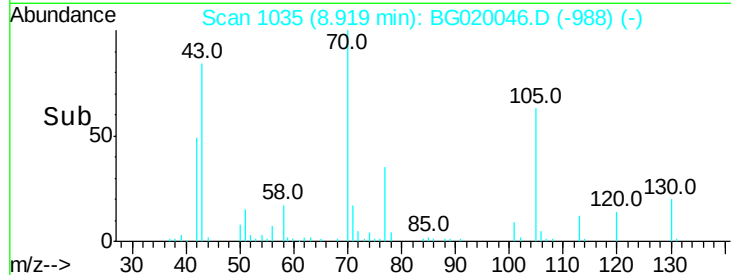
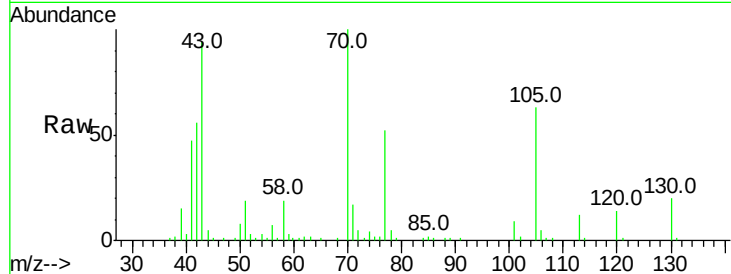
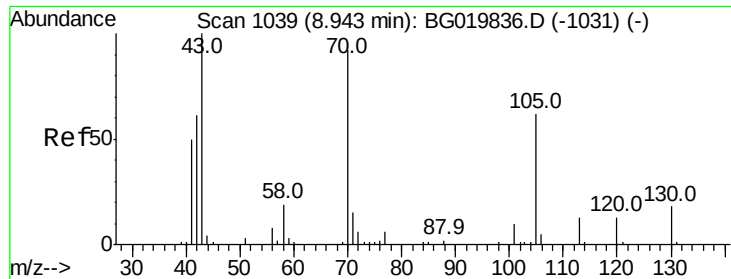


Abundance Ion 117.00 (116.70 to 117.70): E

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: 39.67 ng

RT: 8.92 min Scan# 1035

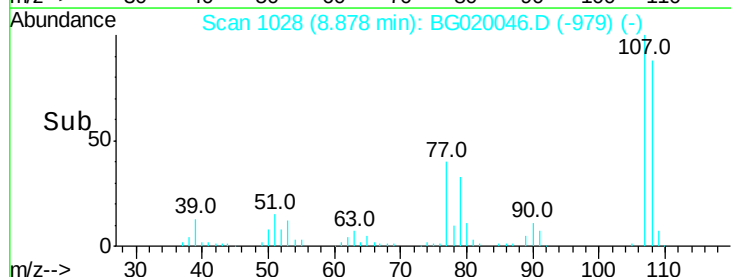
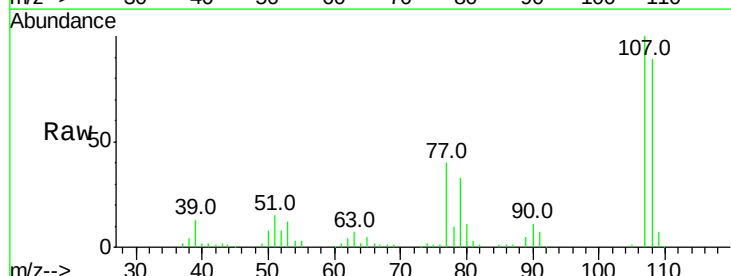
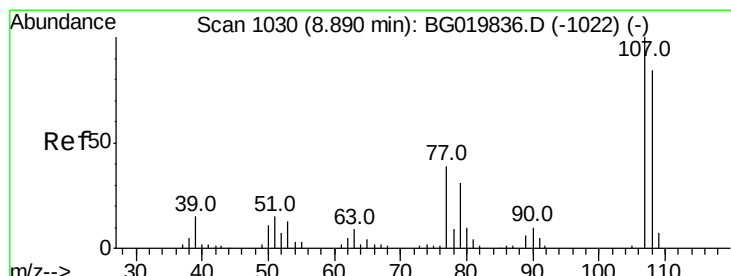
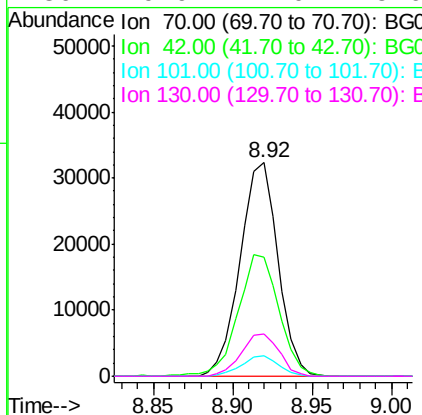
Delta R.T. -0.02 min

Lab File: BG020046.D

Acq: 9 Dec 2015 16:41

Instrument :
BNA_G
ClientSampled :
ELP-1MS

Tot Ion:	70	Resp:	53705
Ion	Ratio	Lower	Upper
70	100		
42	55.9	40.6	60.8
101	9.3	8.6	13.0
130	19.9	17.0	25.6



#20

3+4-Methylphenols

Concen: 42.42 ng

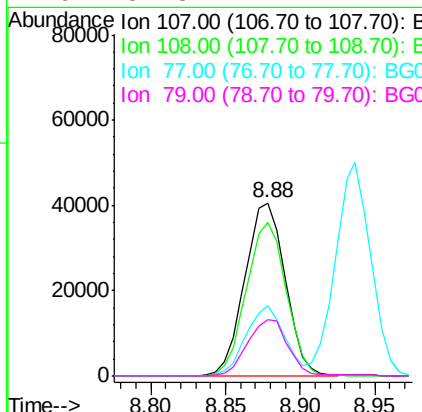
RT: 8.88 min Scan# 1028

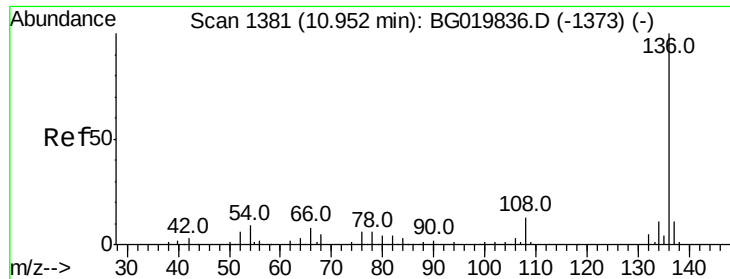
Delta R.T. -0.01 min

Lab File: BG020046.D

Acq: 9 Dec 2015 16:41

Tgt Ion:	107	Resp:	76190
Ion	Ratio	Lower	Upper
107	100		
108	88.6	72.2	112.2
77	40.5	13.4	53.4
79	32.8	7.2	47.2

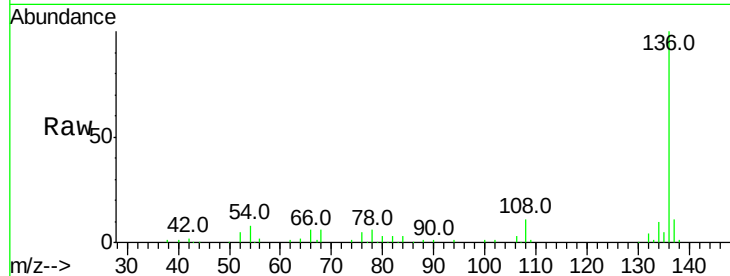




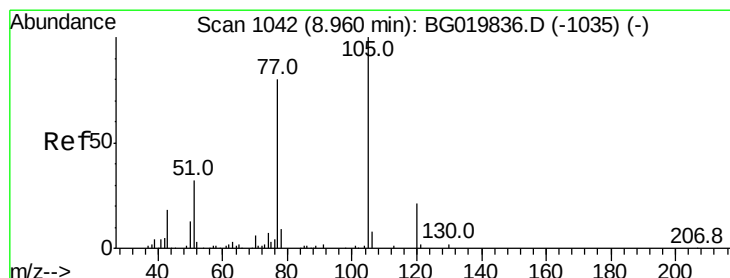
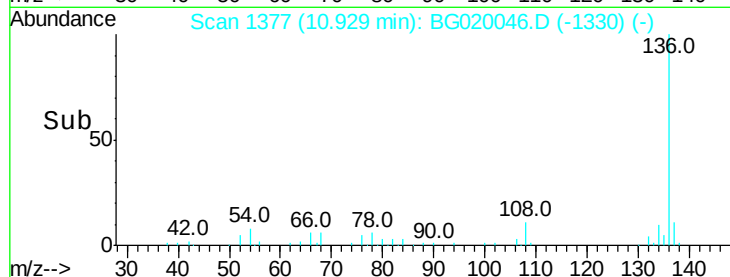
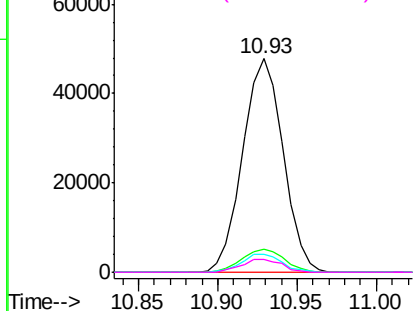
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BG020046.D
Acq: 9 Dec 2015 16:41

Instrument :
BNA_G
ClientSampleId :
ELP-1MS

Tot Ion:136	Resp:	84862
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.6 12.8
54	8.2	5.4 8.2#
68	5.9	5.3 7.9

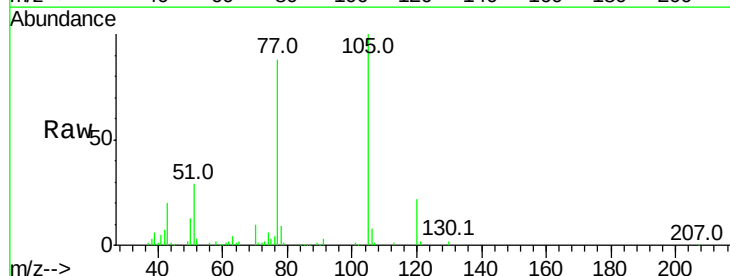


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

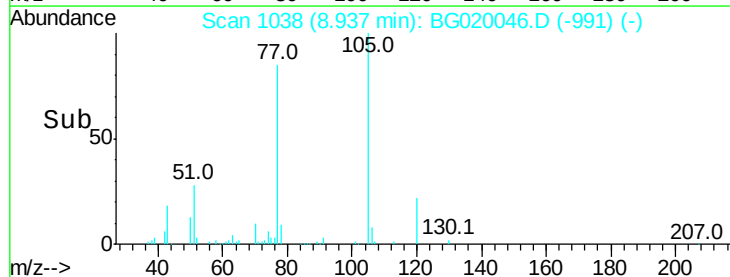
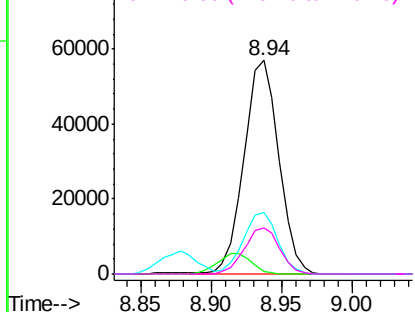


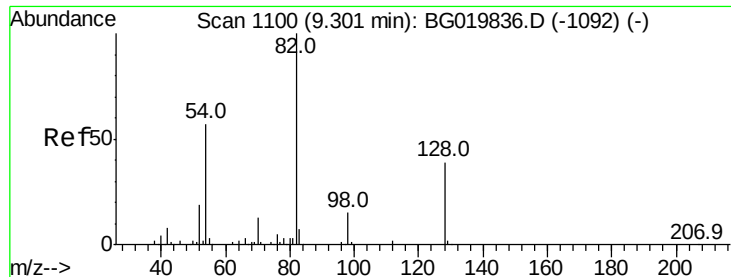
#22
Acetophenone
Concen: 42.50 ng
RT: 8.94 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BG020046.D
Acq: 9 Dec 2015 16:41

Tgt Ion:105	Resp:	98875
Ion Ratio	Lower	Upper
105	100	
71	1.4	2.1 3.1#
51	28.9	17.8 26.8#
120	21.9	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

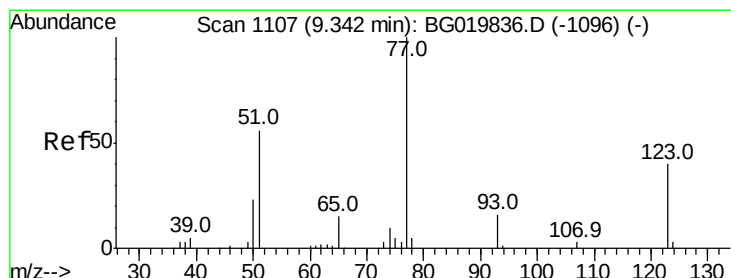
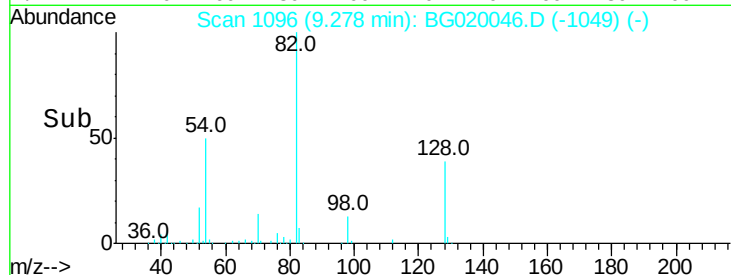
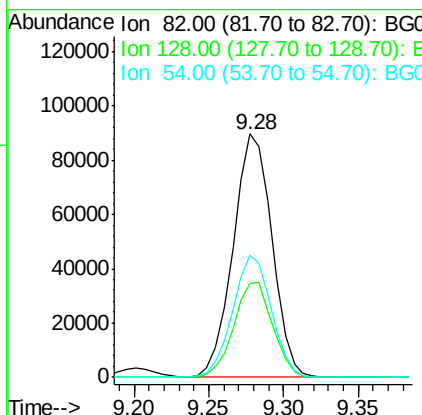
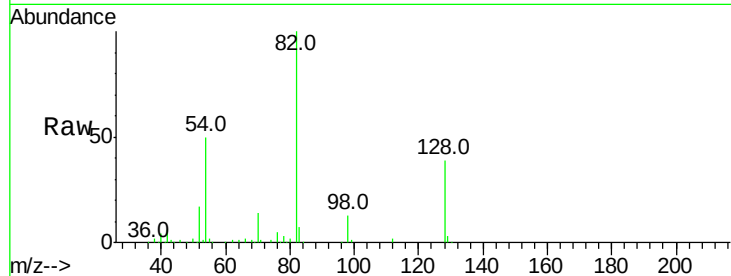




#23
 Nitrobenzene-d5
 Concen: 97.53 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BG020046.D
 Acq: 9 Dec 2015 16:41

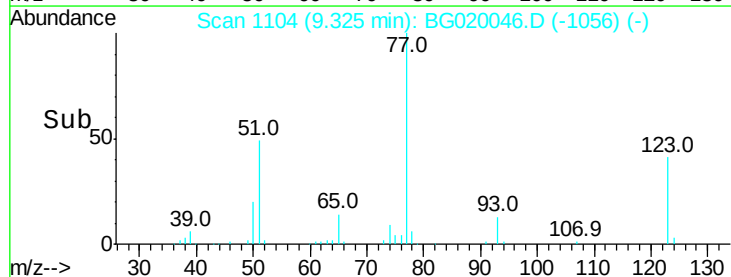
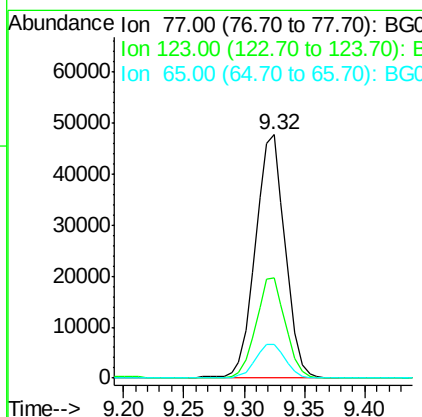
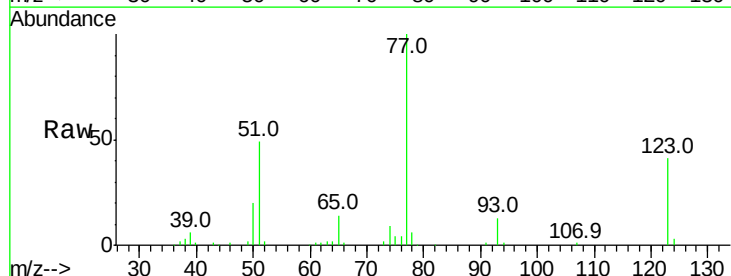
Instrument :
 BNA_G
 ClientSampleId :
 ELP-1MS

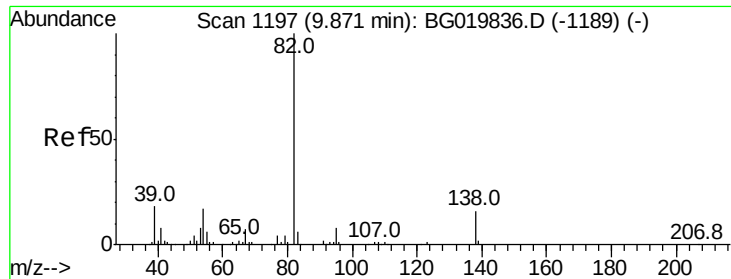
Tot Ion: 82 Resp: 162175
 Ion Ratio Lower Upper
 82 100
 128 38.6 36.7 55.1
 54 50.1 33.8 50.8



#24
 Nitrobenzene
 Concen: 45.40 ng
 RT: 9.32 min Scan# 1104
 Delta R.T. -0.02 min
 Lab File: BG020046.D
 Acq: 9 Dec 2015 16:41

Tgt Ion: 77 Resp: 81881
 Ion Ratio Lower Upper
 77 100
 123 41.3 38.2 57.2
 65 14.0 10.6 16.0





#25

Isophorone

Concen: 41.95 ng

RT: 9.84 min Scan# 1192

Delta R.T. -0.03 min

Lab File: BG020046.D

Acq: 9 Dec 2015 16:41

Instrument :

BNA_G

ClientSampleId :

ELP-1MS

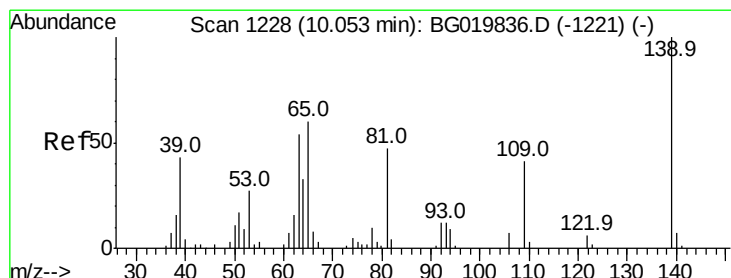
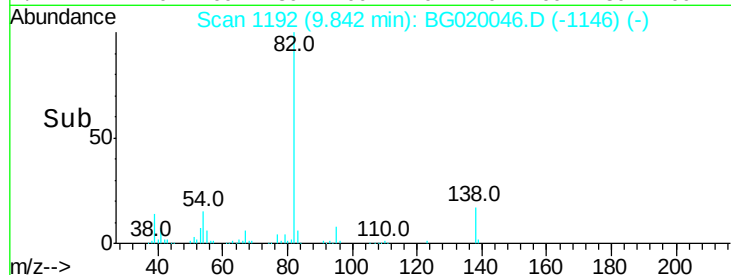
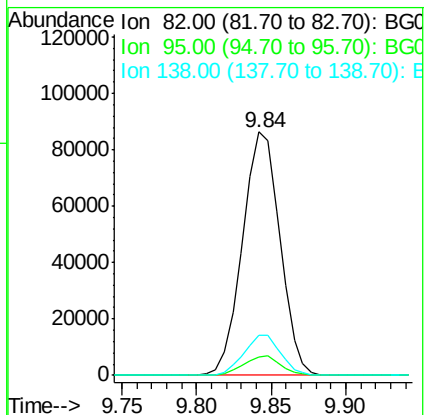
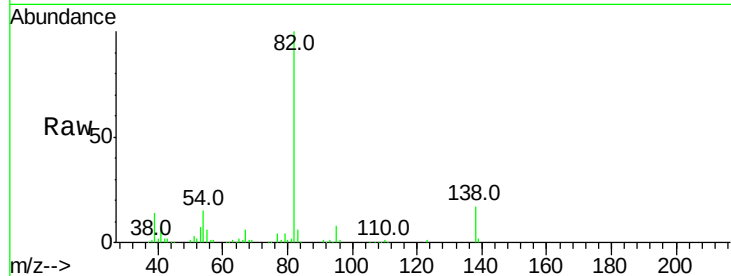
Tot Ion: 82 Resp: 149552

Ion Ratio Lower Upper

82 100

95 7.6 5.2 7.8

138 16.7 14.4 21.6



#26

2-Nitrophenol

Concen: 48.27 ng

RT: 10.04 min Scan# 1225

Delta R.T. -0.02 min

Lab File: BG020046.D

Acq: 9 Dec 2015 16:41

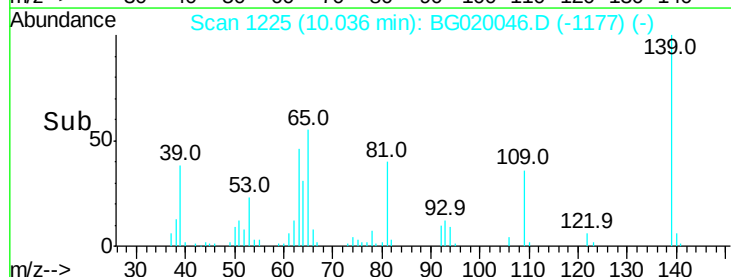
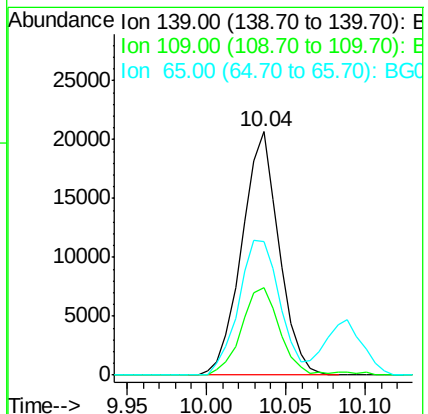
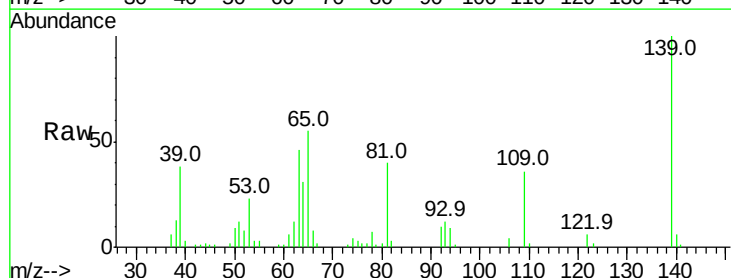
Tgt Ion: 139 Resp: 33626

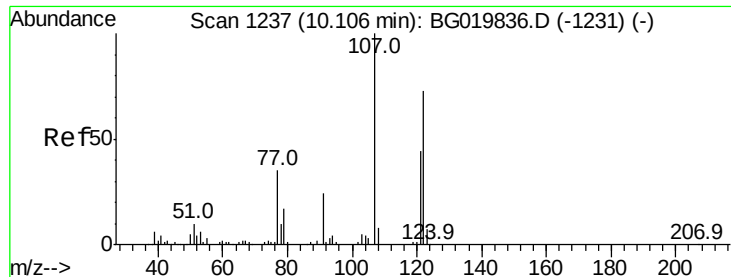
Ion Ratio Lower Upper

139 100

109 36.1 20.1 30.1#

65 55.0 34.1 51.1#

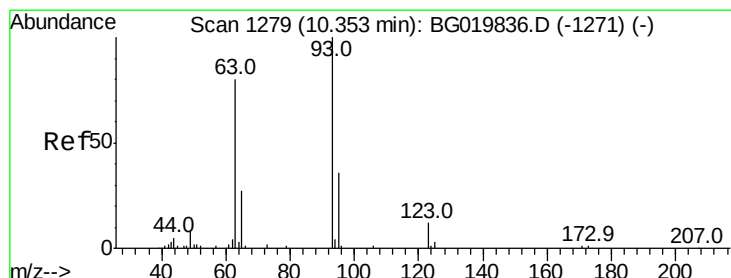
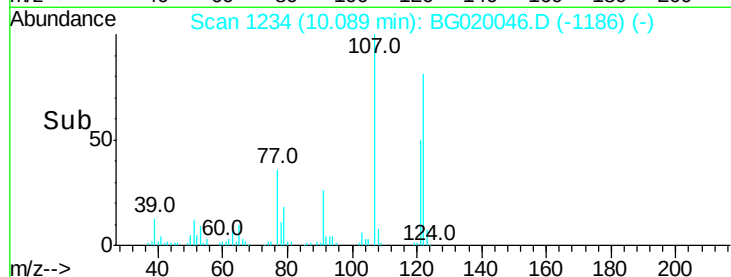
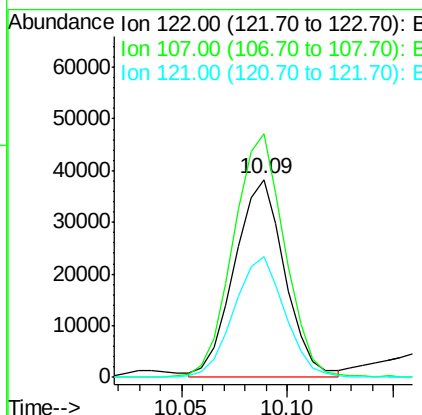
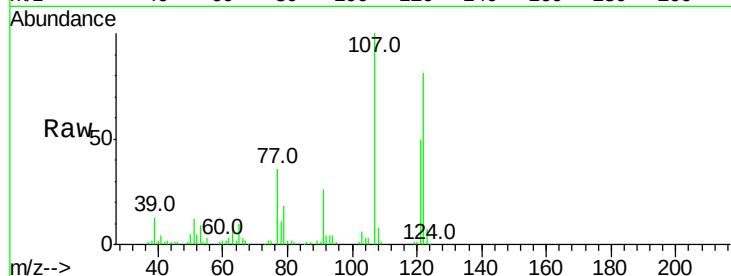




#27
2,4-Dimethylphenol
Concen: 43.35 ng
RT: 10.09 min Scan# 1234
Delta R.T. -0.02 min
Lab File: BG020046.D
Acq: 9 Dec 2015 16:41

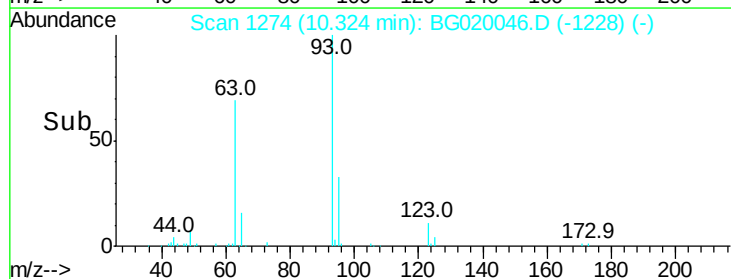
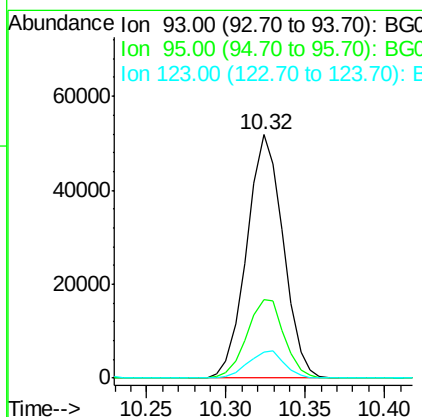
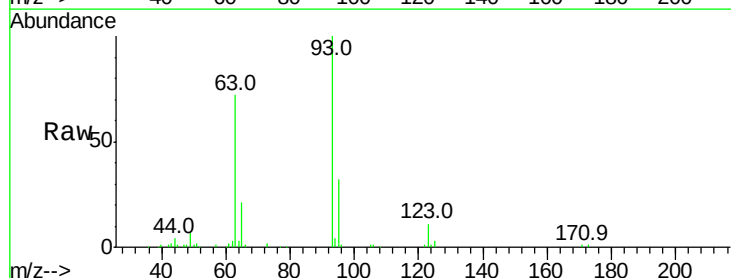
Instrument :
BNA_G
ClientSampleId :
ELP-1MS

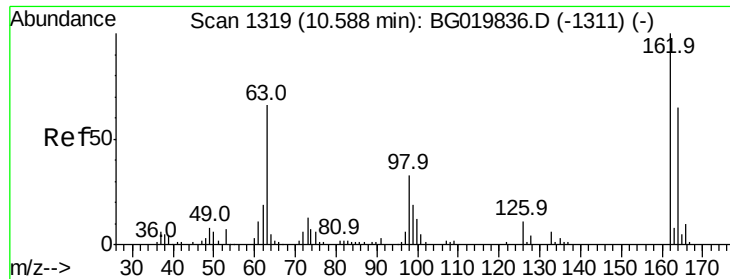
Tot Ion:122 Resp: 62887
Ion Ratio Lower Upper
122 100
107 123.1 91.6 137.4
121 61.0 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 47.46 ng
RT: 10.32 min Scan# 1274
Delta R.T. -0.03 min
Lab File: BG020046.D
Acq: 9 Dec 2015 16:41

Tgt Ion: 93 Resp: 82678
Ion Ratio Lower Upper
93 100
95 32.3 25.7 38.5
123 10.9 8.6 12.8

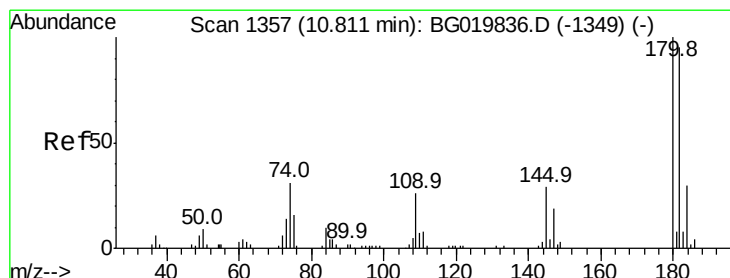
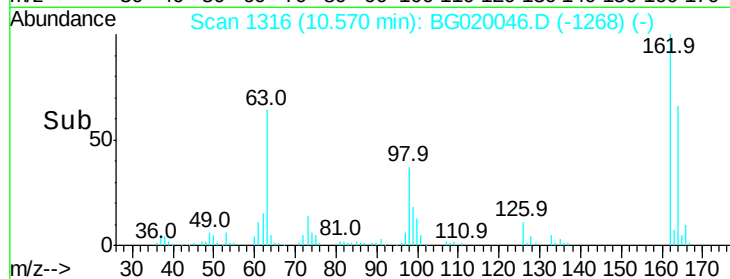
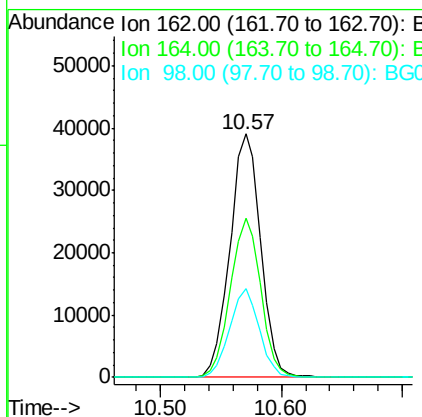
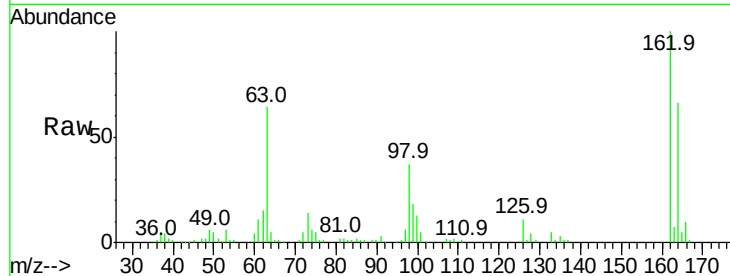




#29
 2,4-Dichlorophenol
 Concen: 46.64 ng
 RT: 10.57 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BG020046.D
 Acq: 9 Dec 2015 16:41

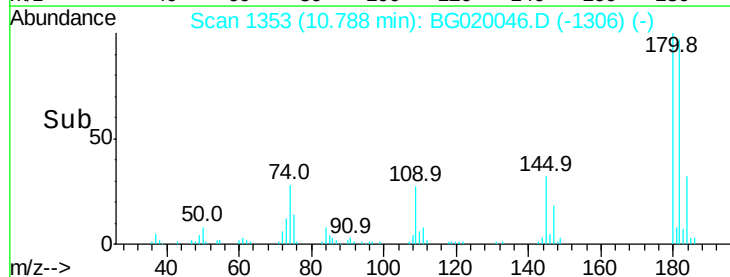
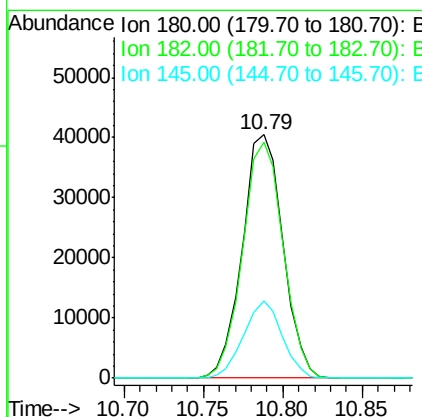
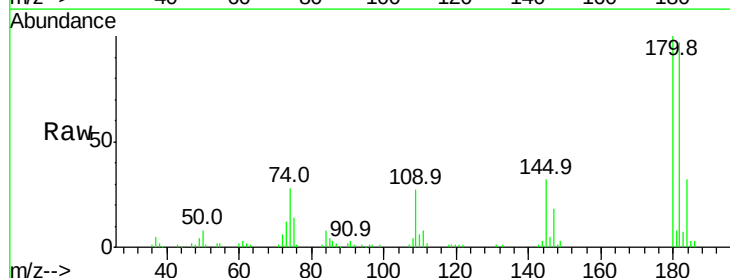
Instrument :
 BNA_G
 ClientSampled :
 ELP-1MS

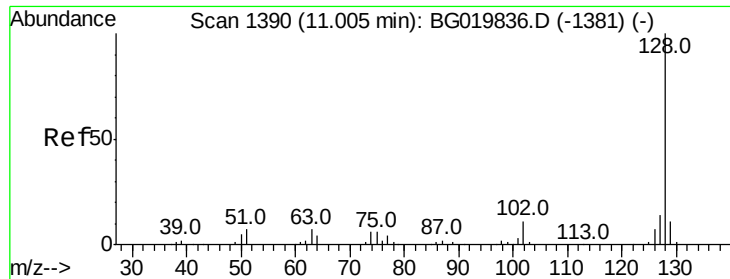
Tot Ion:162 Resp: 69114
 Ion Ratio Lower Upper
 162 100
 164 65.5 42.3 82.3
 98 36.7 11.5 51.5



#30
 1,2,4-Trichlorobenzene
 Concen: 43.11 ng
 RT: 10.79 min Scan# 1353
 Delta R.T. -0.02 min
 Lab File: BG020046.D
 Acq: 9 Dec 2015 16:41

Tgt Ion:180 Resp: 72205
 Ion Ratio Lower Upper
 180 100
 182 96.7 79.7 119.5
 145 31.7 22.0 33.0

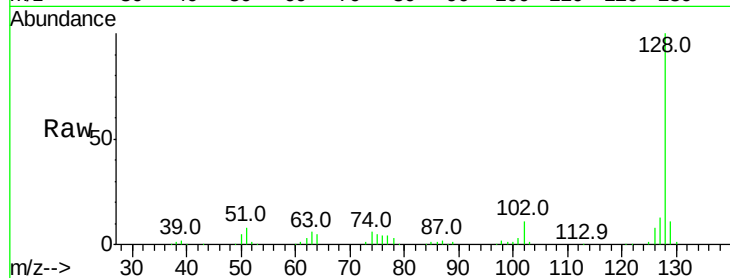




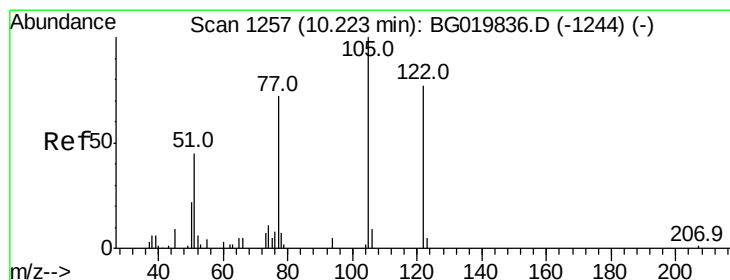
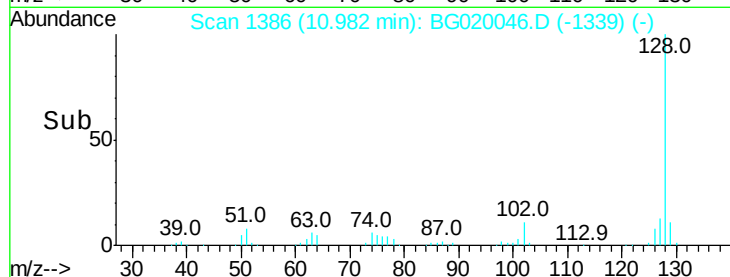
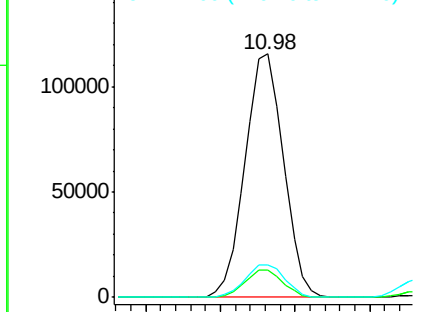
#31
Naphthalene
Concen: 45.33 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.02 min
Lab File: BG020046.D
Acq: 9 Dec 2015 16:41

Instrument :
BNA_G
ClientSampleId :
ELP-1MS

Tot Ion:128 Resp: 206086
Ion Ratio Lower Upper
128 100
129 11.2 8.5 12.7
127 13.4 10.6 16.0

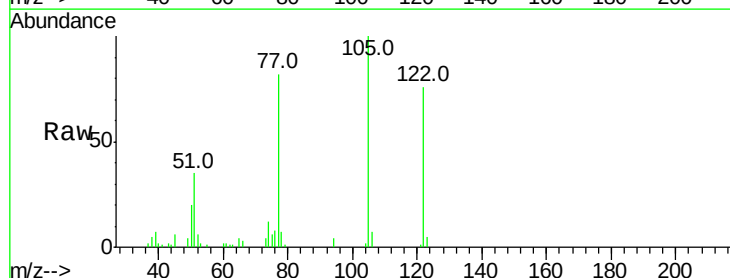


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

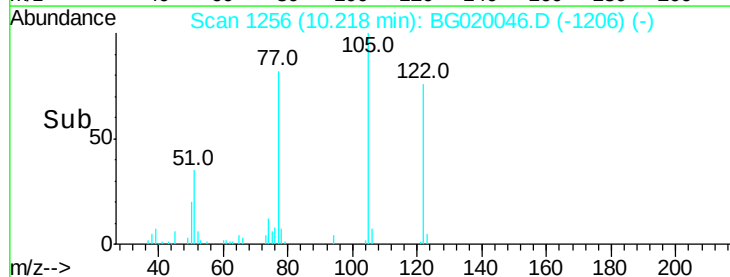
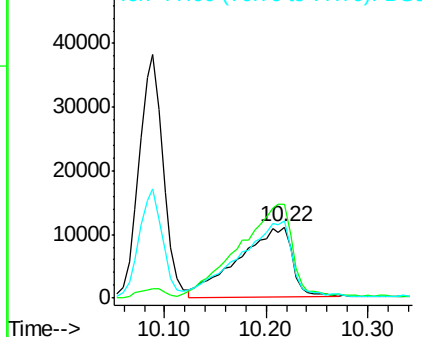


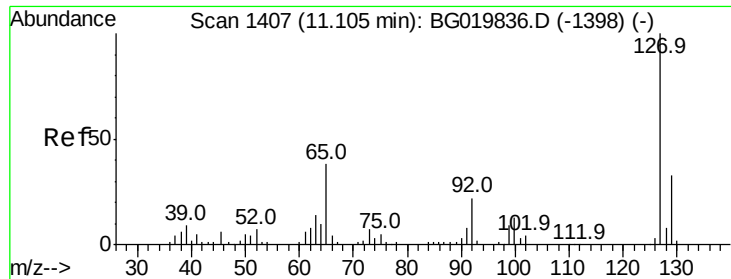
#32
Benzoic acid
Concen: 41.80 ng
RT: 10.22 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BG020046.D
Acq: 9 Dec 2015 16:41

Tgt Ion:122 Resp: 40004
Ion Ratio Lower Upper
122 100
105 131.1 103.8 143.8
77 107.7 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): BG

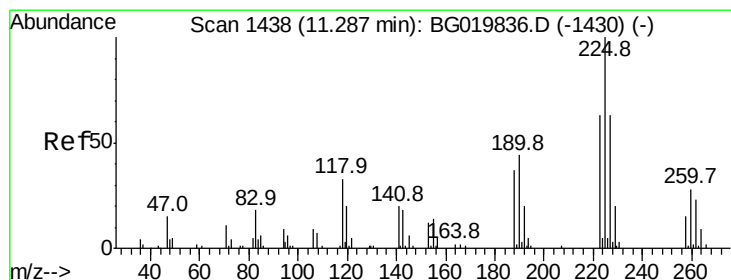
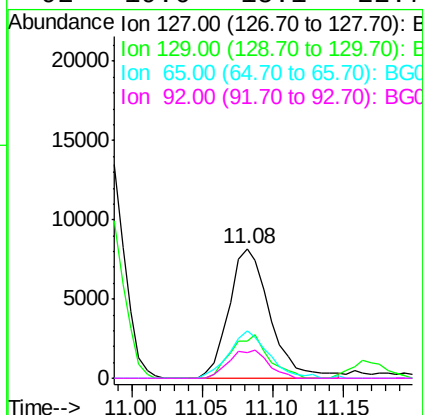
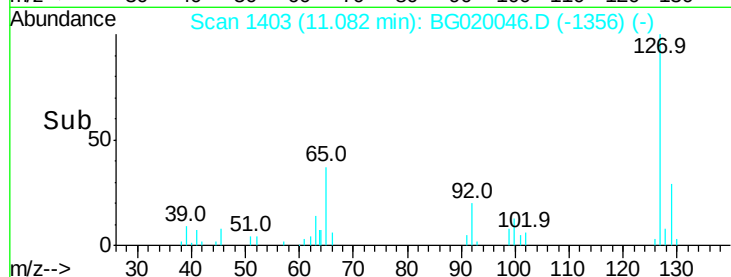
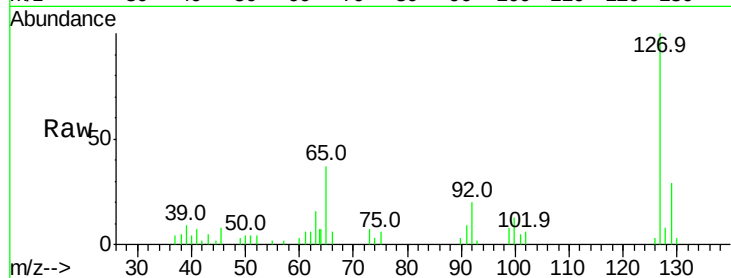




#33
4-Chloroaniline
Concen: 8.23 ng
RT: 11.08 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BG020046.D
Acq: 9 Dec 2015 16:41

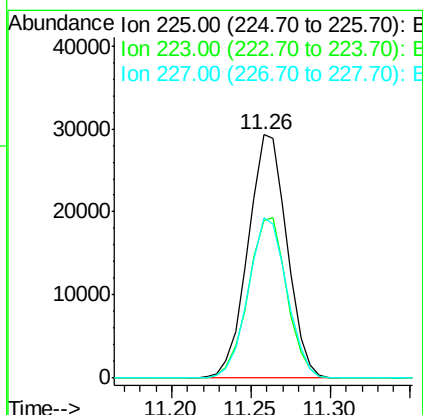
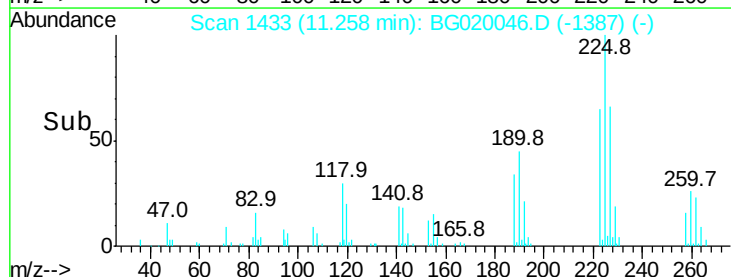
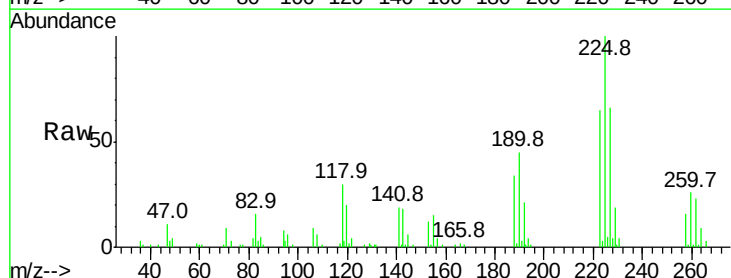
Instrument :
BNA_G
ClientSampleId :
ELP-1MS

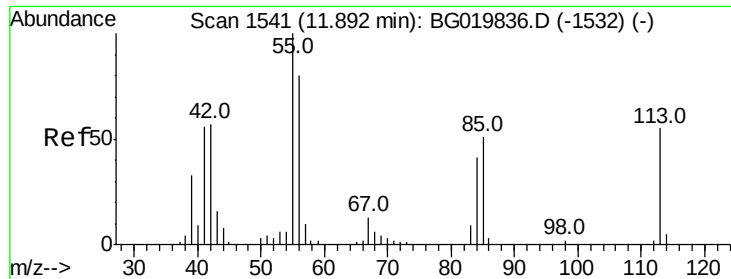
Tot Ion:	127	Resp:	16497
Ion	Ratio	Lower	Upper
127	100		
129	29.1	24.6	37.0
65	36.8	22.6	33.8#
92	19.6	15.1	22.7



#34
Hexachlorobutadiene
Concen: 40.48 ng
RT: 11.26 min Scan# 1433
Delta R.T. -0.03 min
Lab File: BG020046.D
Acq: 9 Dec 2015 16:41

Tgt Ion:	225	Resp:	50012
Ion	Ratio	Lower	Upper
225	100		
223	65.1	51.0	76.4
227	69.7	51.8	77.8





#35

Caprolactam

Concen: 36.77 ng

RT: 11.86 min Scan# 1535

Delta R.T. -0.04 min

Lab File: BG020046.D

Acq: 9 Dec 2015 16:41

Instrument :

BNA_G

ClientSampleId :

ELP-1MS

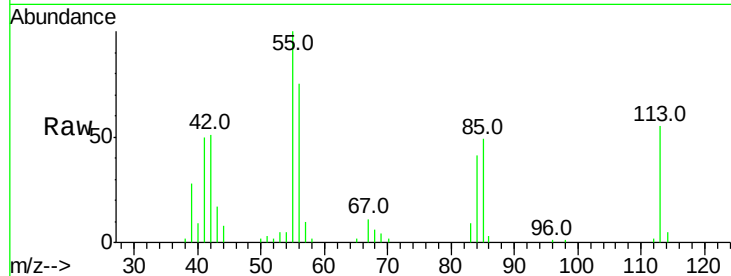
Tot Ion:113 Resp: 20287

Ion Ratio Lower Upper

113 100

55 181.0 135.0 175.0#

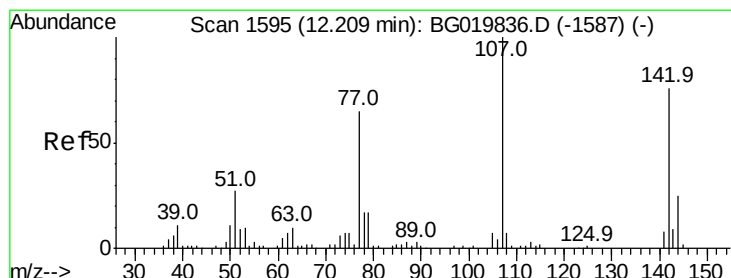
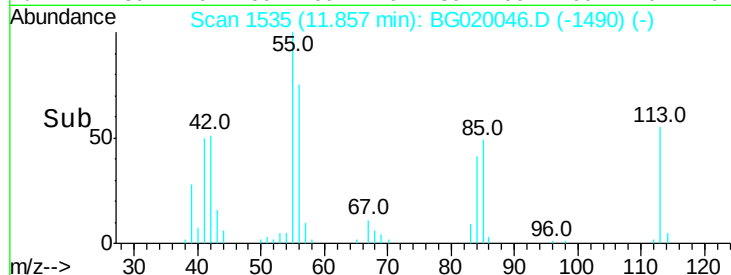
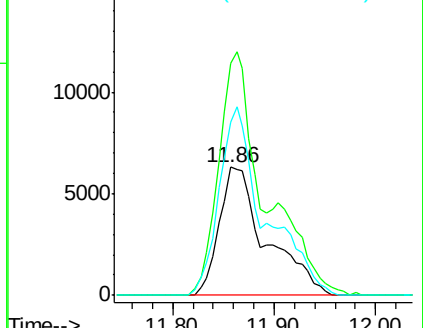
56 134.8 83.4 123.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 41.80 ng

RT: 12.19 min Scan# 1592

Delta R.T. -0.02 min

Lab File: BG020046.D

Acq: 9 Dec 2015 16:41

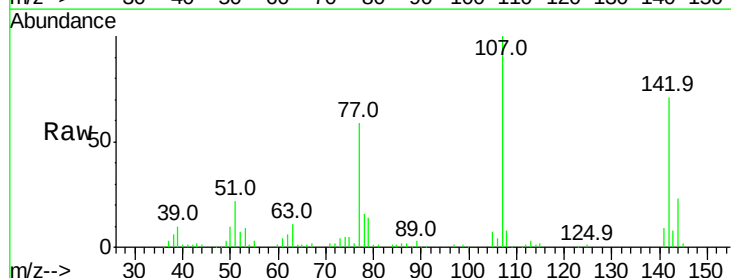
Tgt Ion:107 Resp: 77149

Ion Ratio Lower Upper

107 100

144 23.3 20.6 31.0

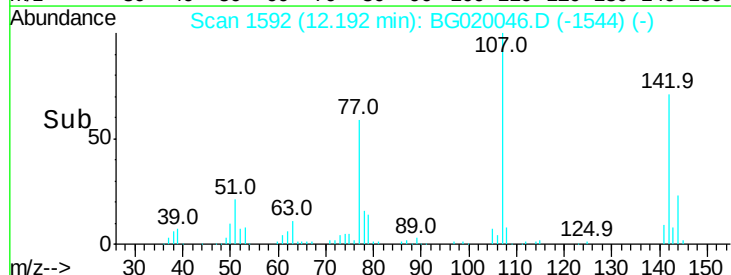
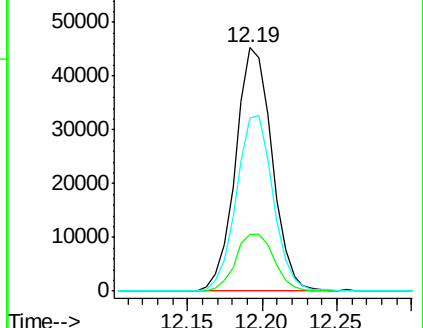
142 71.4 62.6 93.8

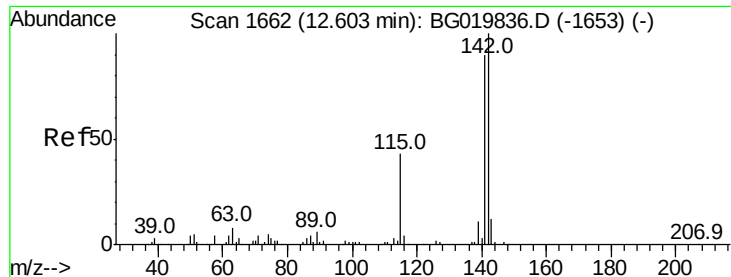


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

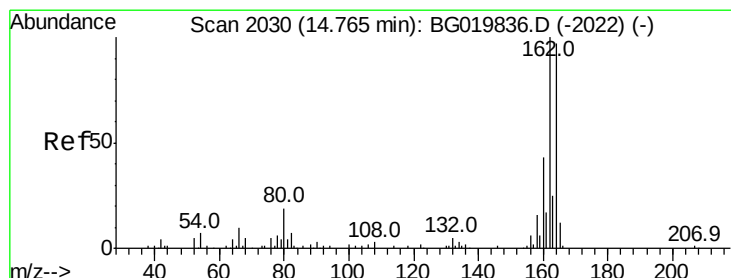
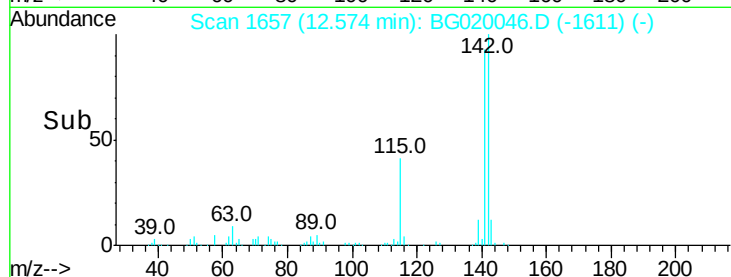
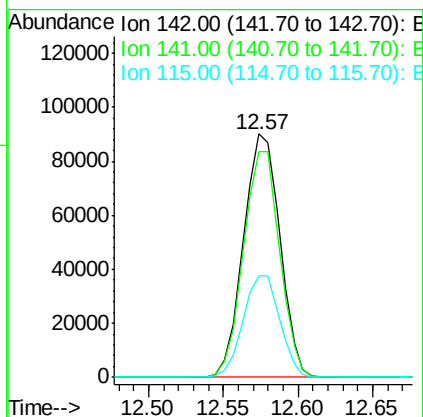
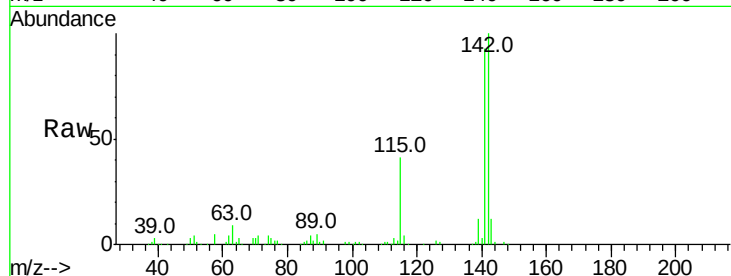




#37
2-Methylnaphthalene
Concen: 45.71 ng
RT: 12.57 min Scan# 1657
Delta R.T. -0.03 min
Lab File: BG020046.D
Acq: 9 Dec 2015 16:41

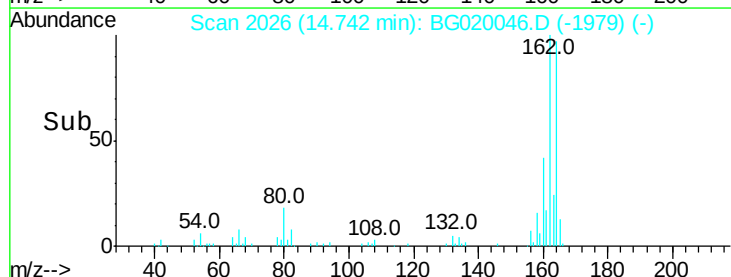
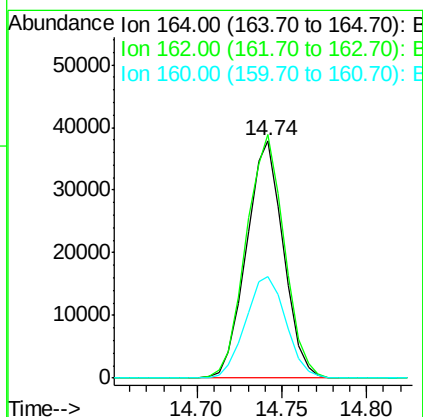
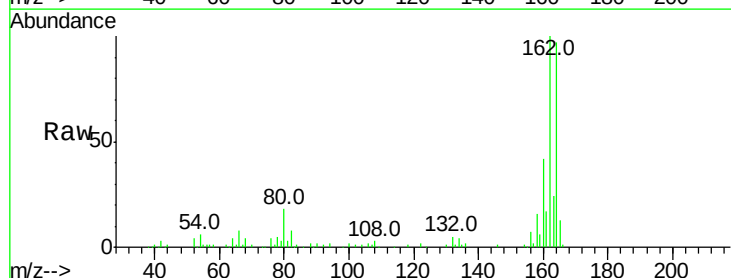
Instrument :
BNA_G
ClientSampleId :
ELP-1MS

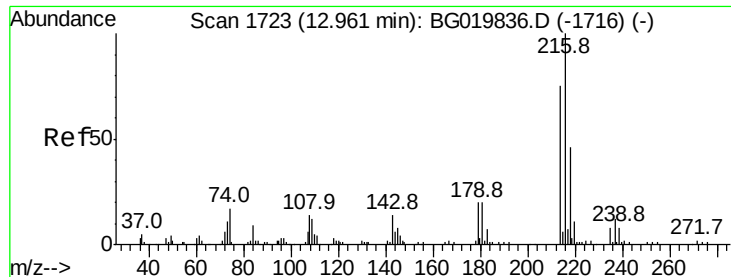
Tot Ion:142 Resp: 152284
Ion Ratio Lower Upper
142 100
141 92.8 74.6 112.0
115 41.5 27.4 41.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BG020046.D
Acq: 9 Dec 2015 16:41

Tgt Ion:164 Resp: 57211
Ion Ratio Lower Upper
164 100
162 102.6 78.8 118.2
160 42.6 36.4 54.6

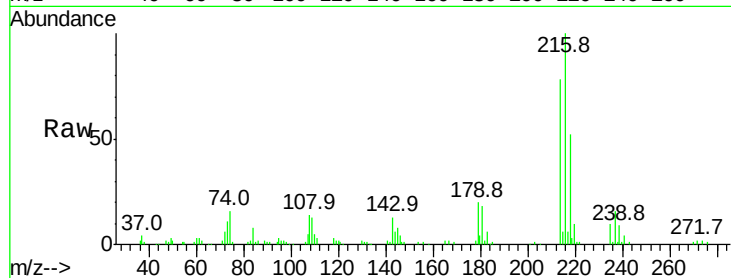




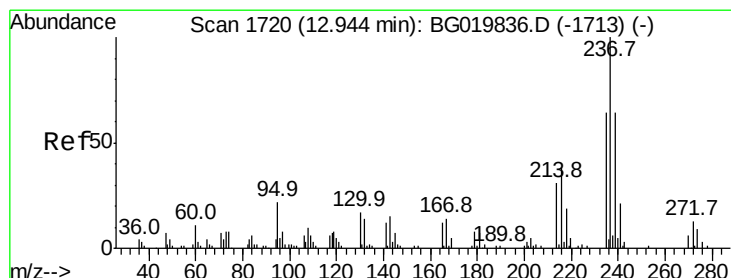
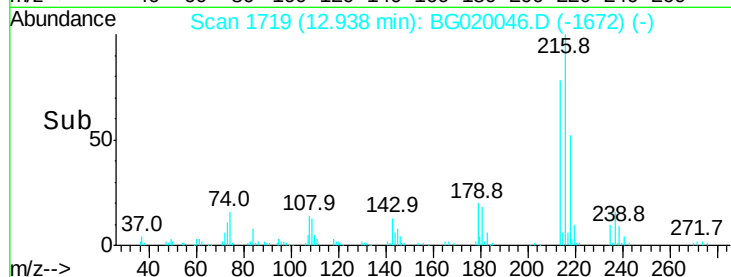
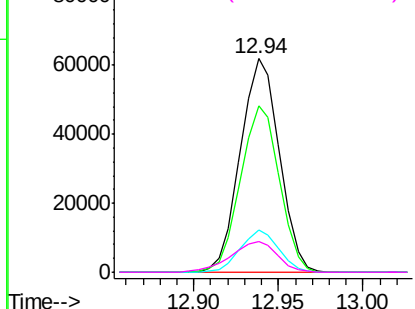
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.75 ng
 RT: 12.94 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG020046.D
 Acq: 9 Dec 2015 16:41

Instrument :
 BNA_G
 ClientSampleId :
 ELP-1MS

Tot Ion:	216	Resp:	99317
Ion	Ratio	Lower	Upper
216	100		
214	77.9	62.5	93.7
179	19.3	15.6	23.4
108	17.2	13.3	19.9

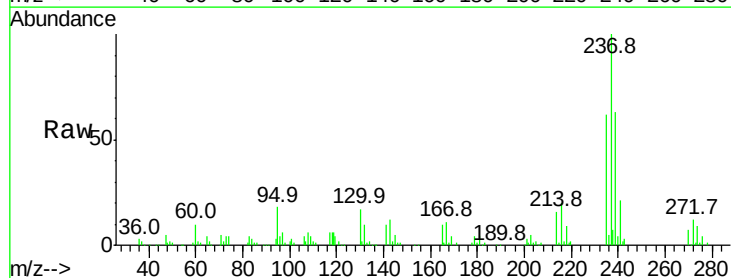


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

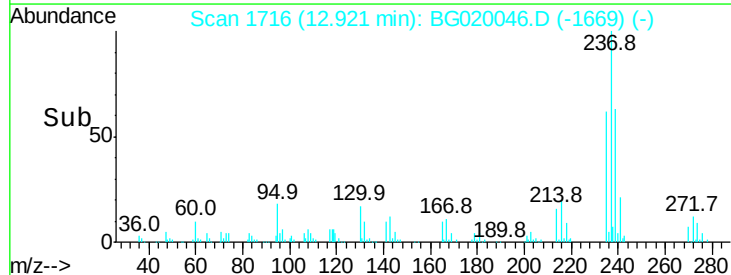
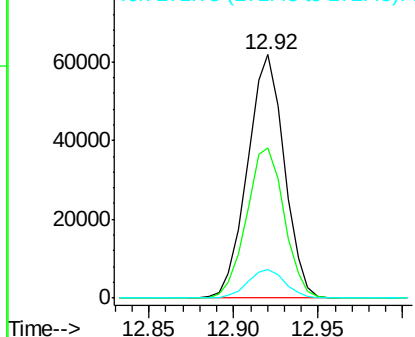


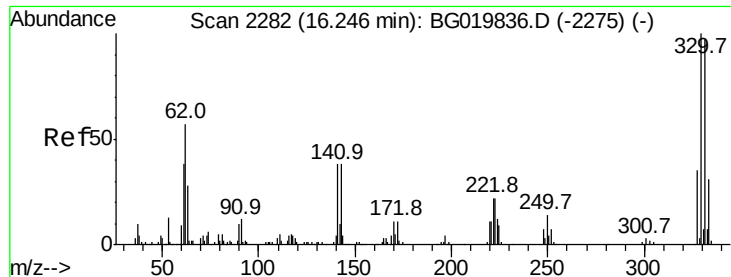
#40
 Hexachlorocyclopentadiene
 Concen: 75.59 ng
 RT: 12.92 min Scan# 1716
 Delta R.T. -0.02 min
 Lab File: BG020046.D
 Acq: 9 Dec 2015 16:41

Tgt Ion:	237	Resp:	93581
Ion	Ratio	Lower	Upper
237	100		
235	61.8	44.6	84.6
272	11.9	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





#41

2,4,6-Tribromophenol

Concen: 133.63 ng

RT: 16.23 min Scan# 2279

Delta R.T. -0.02 min

Lab File: BG020046.D

Acq: 9 Dec 2015 16:41

Instrument :

BNA_G

ClientSampled :

ELP-1MS

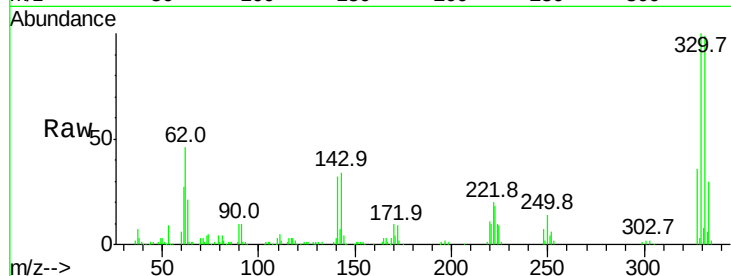
Tot Ion:330 Resp: 116979

Ion Ratio Lower Upper

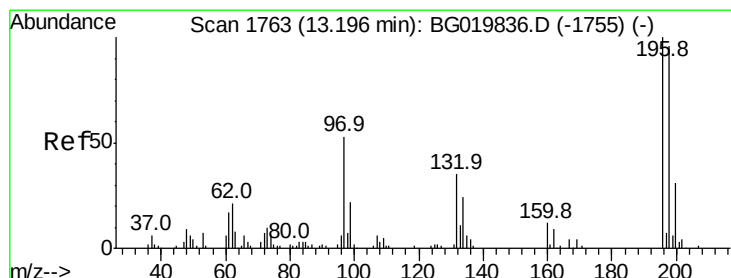
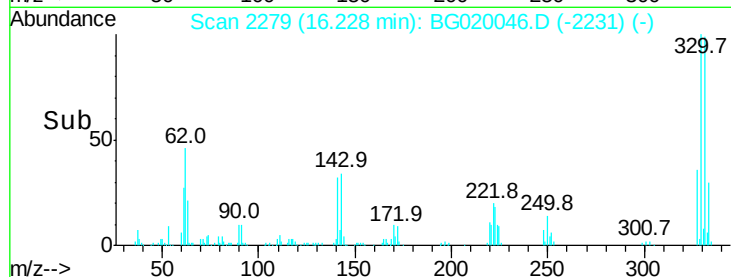
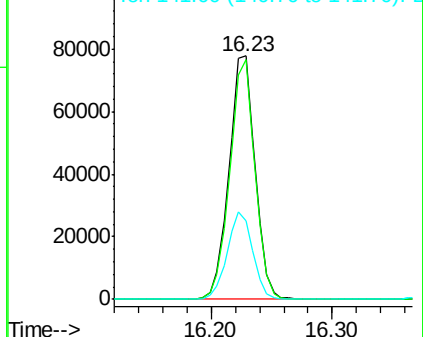
330 100

332 94.8 78.1 117.1

141 35.2 28.2 42.2



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



#42

2,4,6-Trichlorophenol

Concen: 44.41 ng

RT: 13.17 min Scan# 1759

Delta R.T. -0.02 min

Lab File: BG020046.D

Acq: 9 Dec 2015 16:41

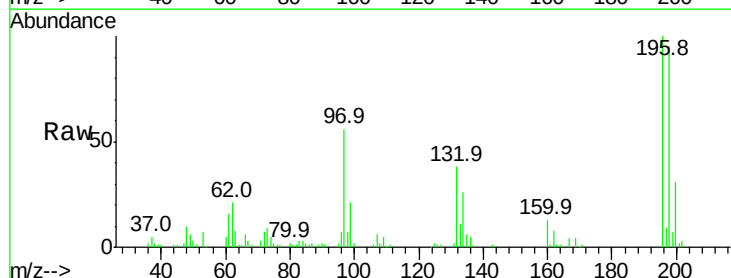
Tgt Ion:196 Resp: 63833

Ion Ratio Lower Upper

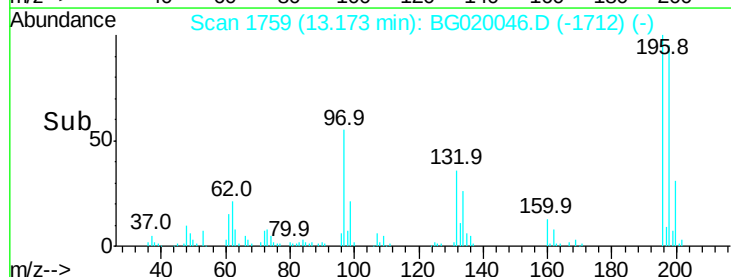
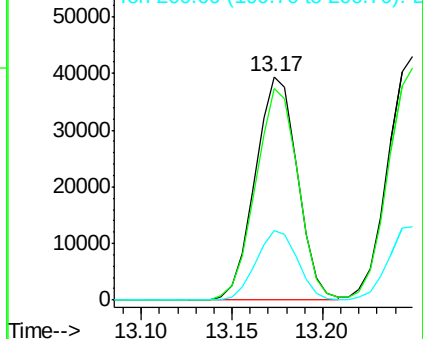
196 100

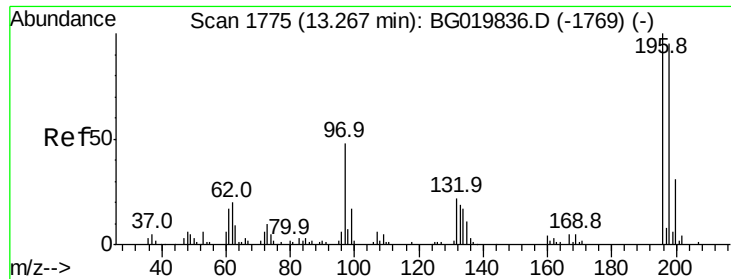
198 95.0 74.7 112.1

200 31.1 24.1 36.1



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

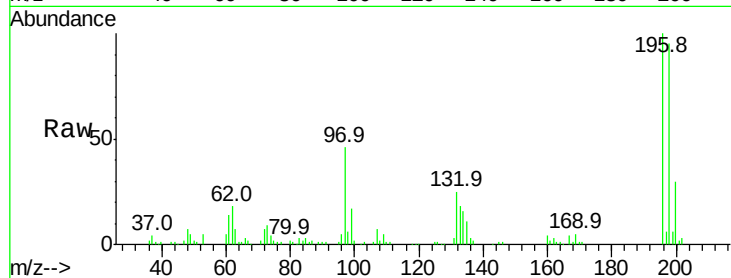




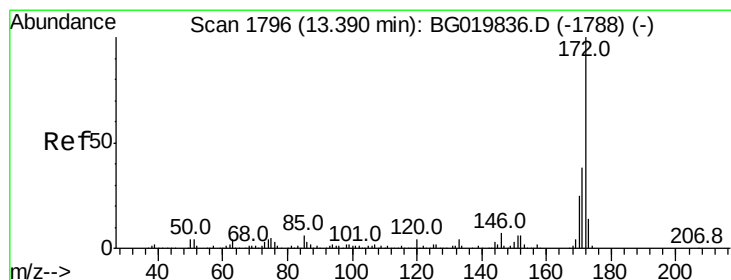
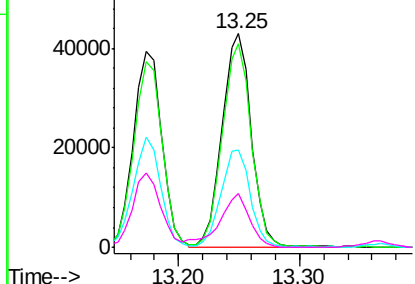
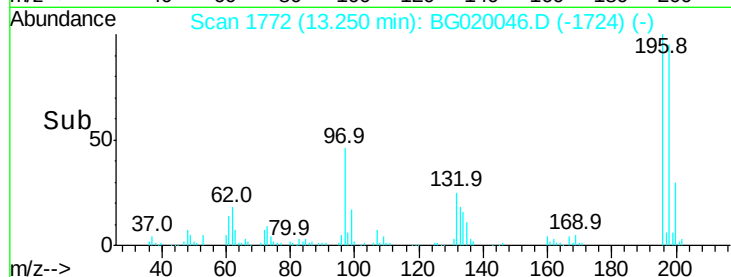
#43
2,4,5-Trichlorophenol
Concen: 47.43 ng
RT: 13.25 min Scan# 1772
Delta R.T. -0.02 min
Lab File: BG020046.D
Acq: 9 Dec 2015 16:41

Instrument :
BNA_G
ClientSampleId :
ELP-1MS

Tot Ion:196 Resp: 72059
Ion Ratio Lower Upper
196 100
198 95.3 75.2 112.8
97 45.9 34.2 51.2
132 25.5 21.8 32.6

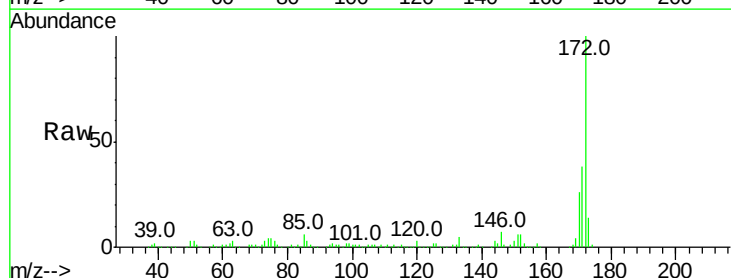


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BG
Ion 132.00 (131.70 to 132.70): E

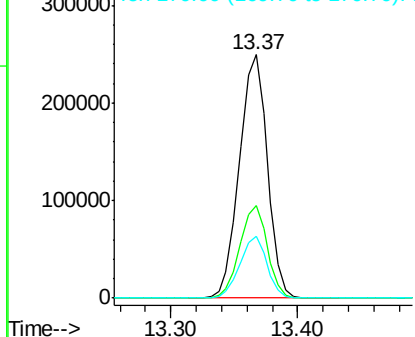
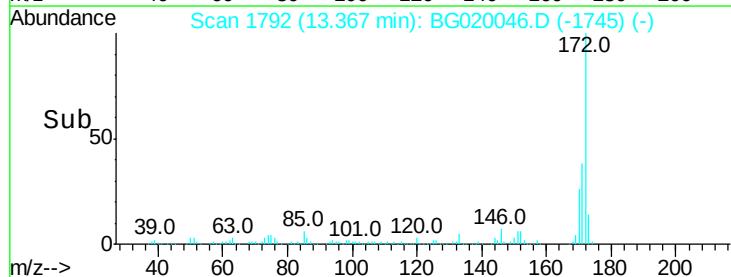


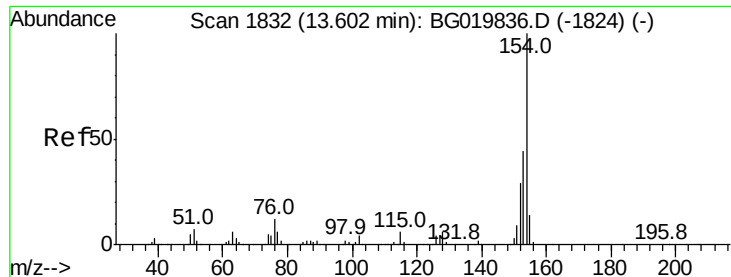
#44
2-Fluorobiphenyl
Concen: 90.67 ng
RT: 13.37 min Scan# 1792
Delta R.T. -0.02 min
Lab File: BG020046.D
Acq: 9 Dec 2015 16:41

Tgt Ion:172 Resp: 379922
Ion Ratio Lower Upper
172 100
171 37.8 29.0 43.6
170 25.7 19.9 29.9



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

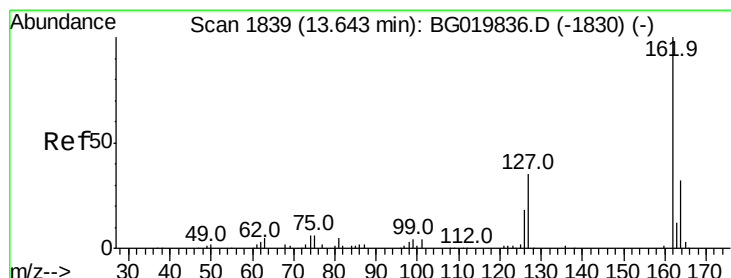
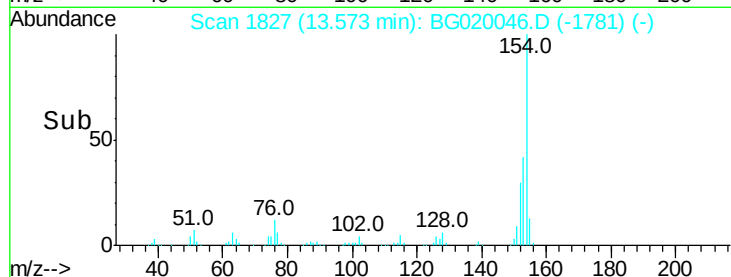
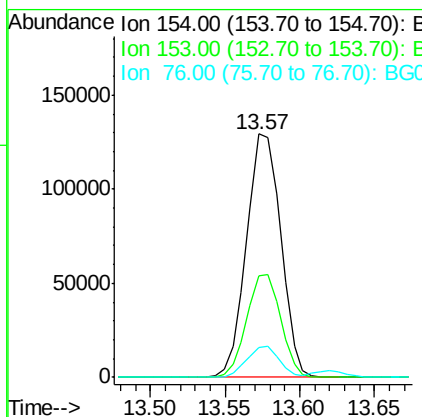
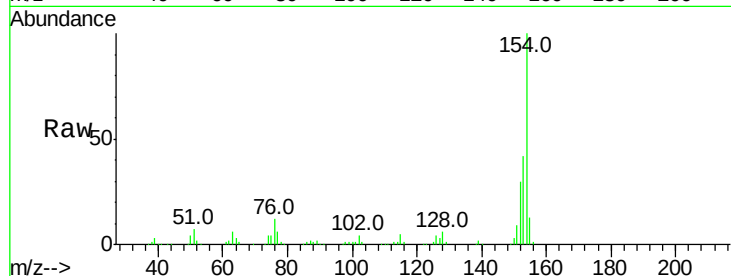




#45
 1,1'-Biphenyl
 Concen: 43.72 ng
 RT: 13.57 min Scan# 1827
 Delta R.T. -0.03 min
 Lab File: BG020046.D
 Acq: 9 Dec 2015 16:41

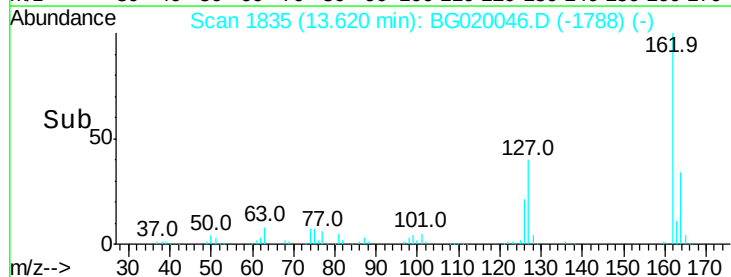
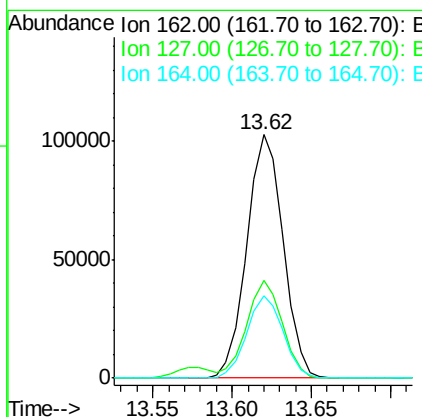
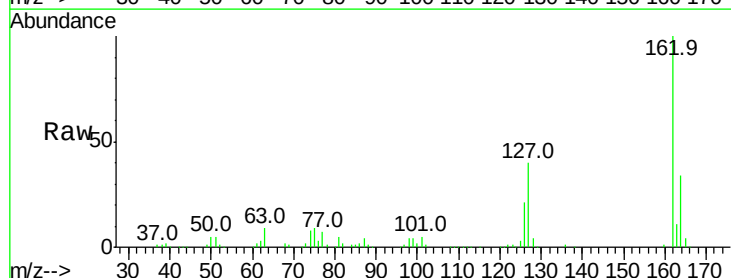
Instrument :
 BNA_G
 ClientSampleId :
 ELP-1MS

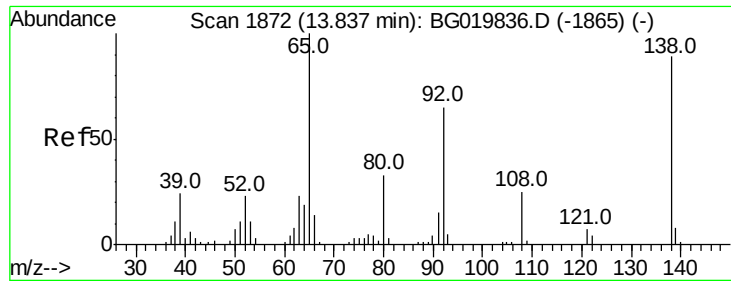
Tot Ion	Ratio	Lower	Upper
154	100		
153	42.0	21.9	61.9
76	12.1	0.0	33.2



#46
 2-Chloronaphthalene
 Concen: 45.15 ng
 RT: 13.62 min Scan# 1835
 Delta R.T. -0.02 min
 Lab File: BG020046.D
 Acq: 9 Dec 2015 16:41

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.9	28.3	42.5
164	33.8	27.4	41.0

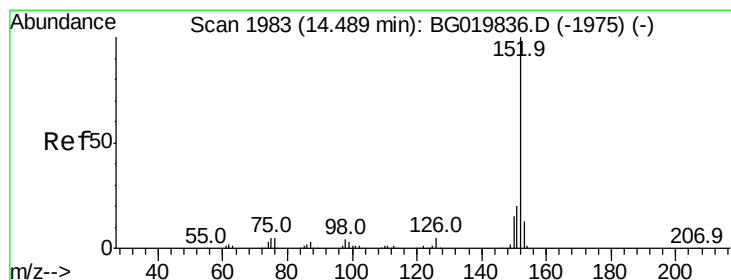
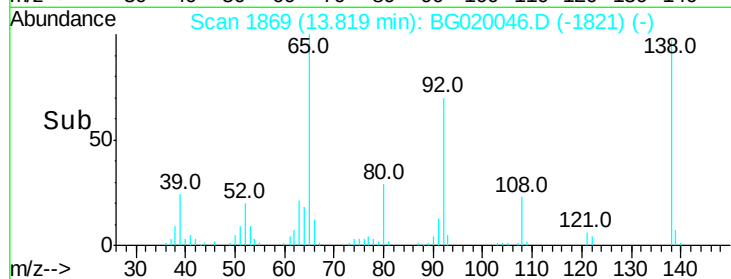
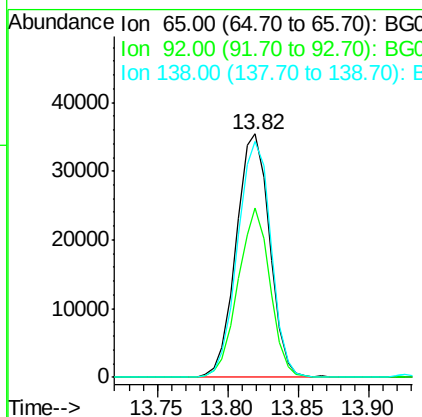
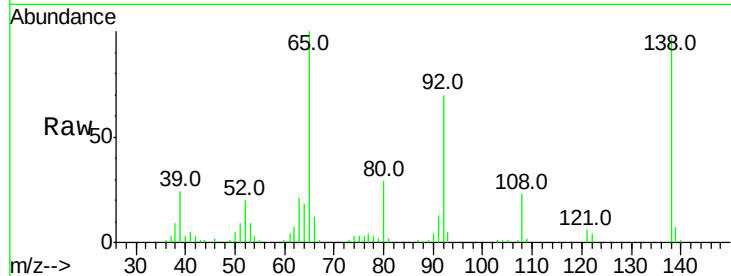




#47
 2-Nitroaniline
 Concen: 51.48 ng
 RT: 13.82 min Scan# 1869
 Delta R.T. -0.02 min
 Lab File: BG020046.D
 Acq: 9 Dec 2015 16:41

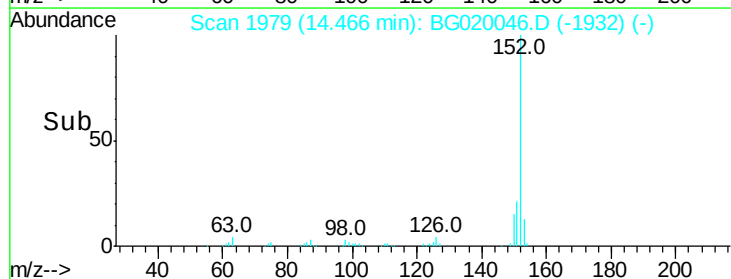
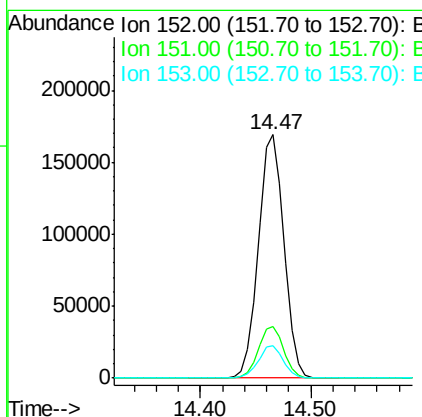
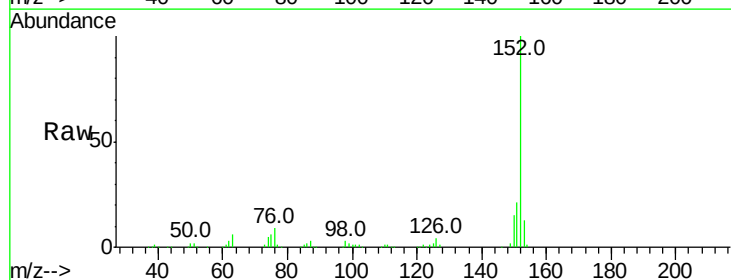
Instrument :
 BNA_G
 ClientSampleId :
 ELP-1MS

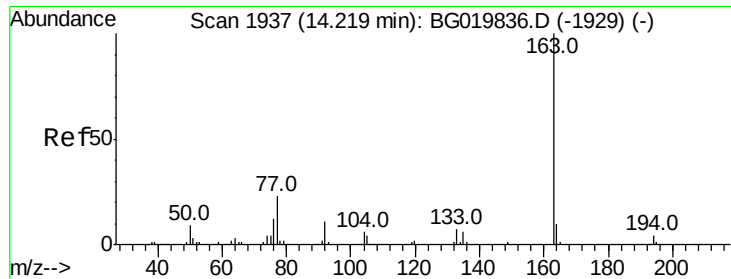
Tot Ion: 65 Resp: 58845
 Ion Ratio Lower Upper
 65 100
 92 69.7 54.8 82.2
 138 96.7 89.6 134.4



#48
 Acenaphthylene
 Concen: 44.45 ng
 RT: 14.47 min Scan# 1979
 Delta R.T. -0.02 min
 Lab File: BG020046.D
 Acq: 9 Dec 2015 16:41

Tgt Ion:152 Resp: 274028
 Ion Ratio Lower Upper
 152 100
 151 21.1 17.0 25.4
 153 13.2 10.4 15.6





#49

Dimethylphthalate

Concen: 45.97 ng

RT: 14.19 min Scan# 1932

Delta R.T. -0.03 min

Lab File: BG020046.D

Acq: 9 Dec 2015 16:41

Instrument :

BNA_G

ClientSampleId :

ELP-1MS

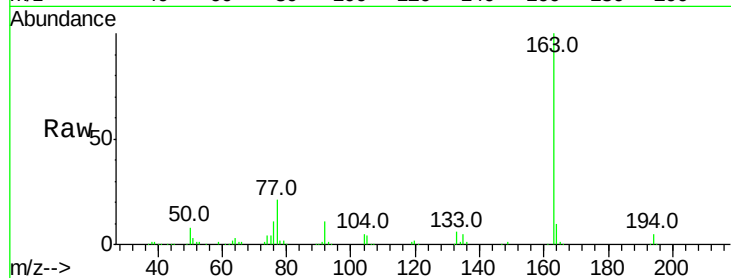
Tot Ion:163 Resp: 236589

Ion Ratio Lower Upper

163 100

194 4.7 3.1 4.7

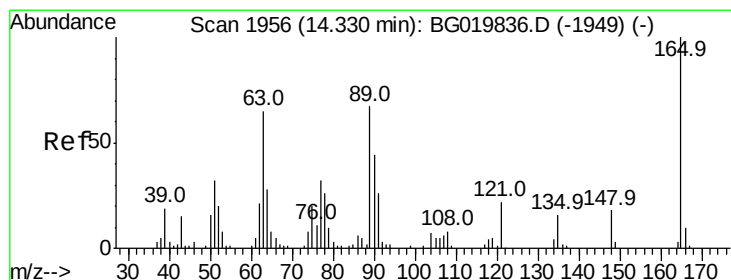
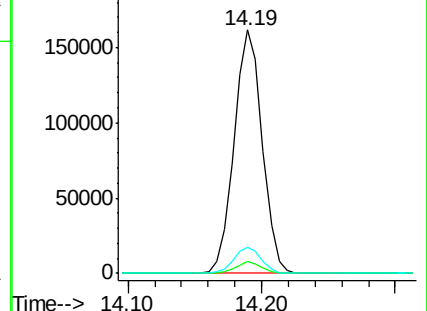
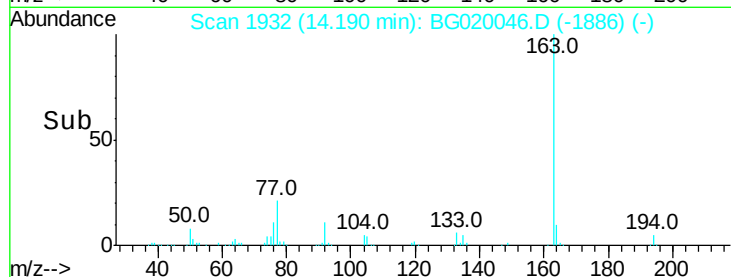
164 10.5 8.8 13.2



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: 49.90 ng

RT: 14.31 min Scan# 1953

Delta R.T. -0.02 min

Lab File: BG020046.D

Acq: 9 Dec 2015 16:41

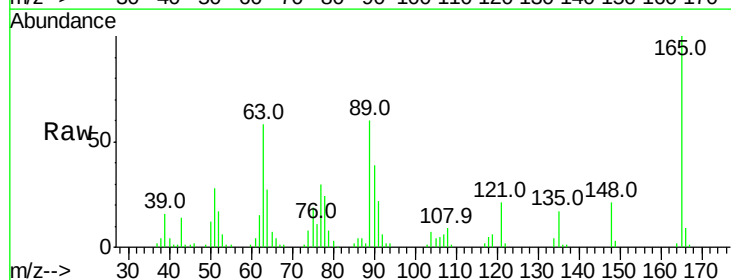
Tgt Ion:165 Resp: 48285

Ion Ratio Lower Upper

165 100

63 58.1 35.7 53.5#

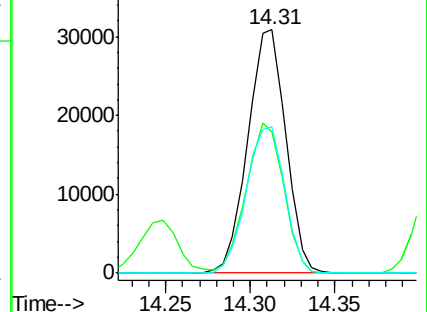
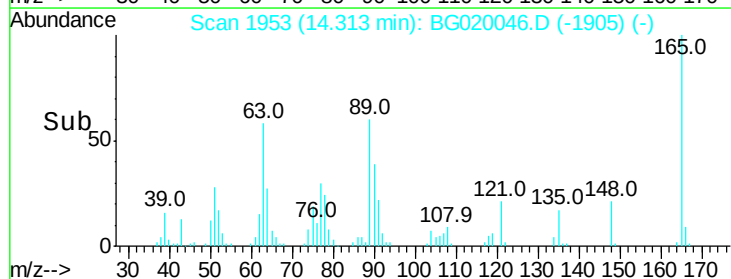
89 59.9 39.7 59.5#

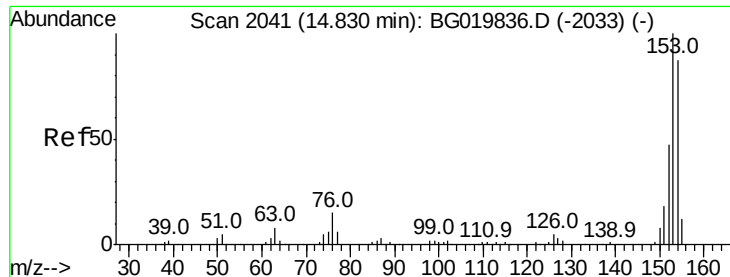


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 43.15 ng

RT: 14.81 min Scan# 2037

Delta R.T. -0.02 min

Lab File: BG020046.D

Acq: 9 Dec 2015 16:41

Instrument :

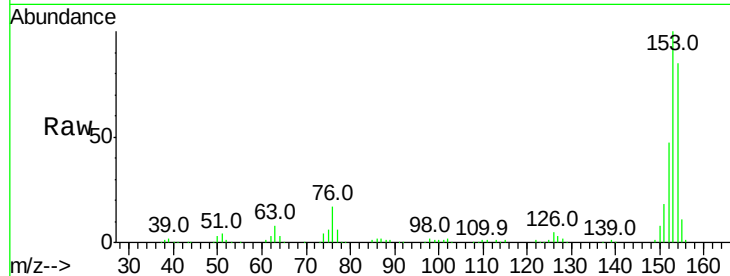
BNA_G

ClientSampled :

ELP-1MS

Tot Ion:154 Resp: 161417

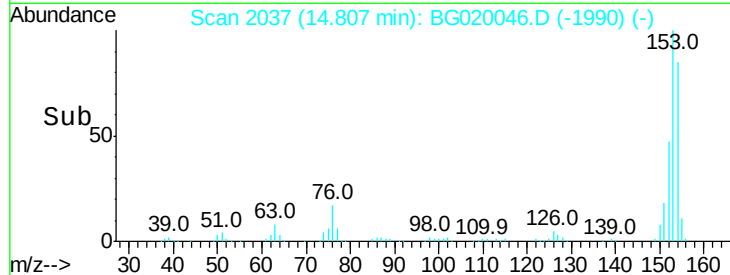
Ion	Ratio	Lower	Upper
154	100		
153	117.3	92.9	139.3
152	54.8	45.8	68.8



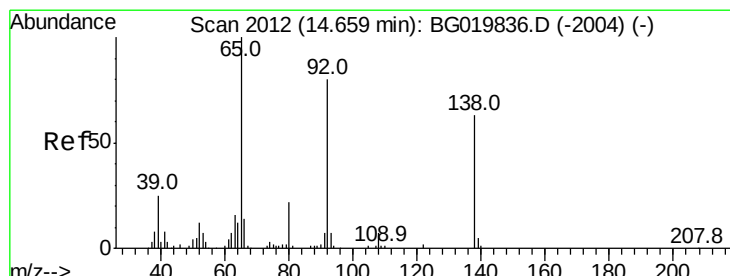
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



Time-->



#52

3-Nitroaniline

Concen: 31.56 ng

RT: 14.64 min Scan# 2008

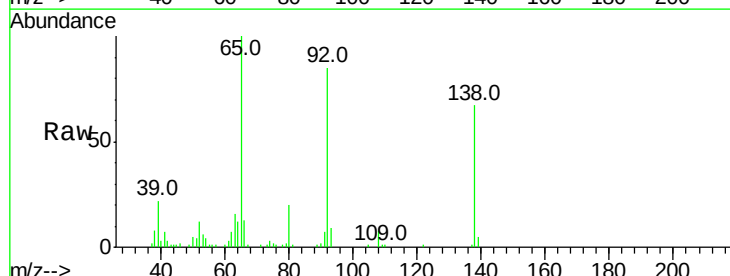
Delta R.T. -0.02 min

Lab File: BG020046.D

Acq: 9 Dec 2015 16:41

Tgt Ion:138 Resp: 31729

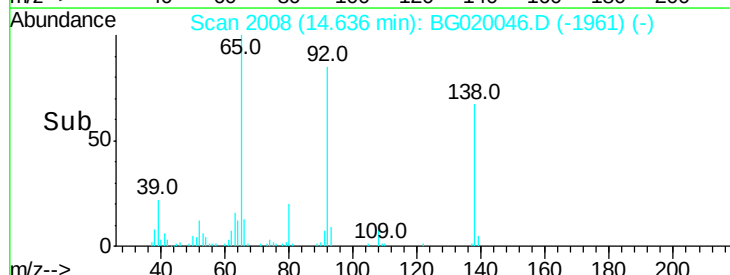
Ion	Ratio	Lower	Upper
138	100		
108	11.6	7.9	11.9
92	127.4	94.2	141.4



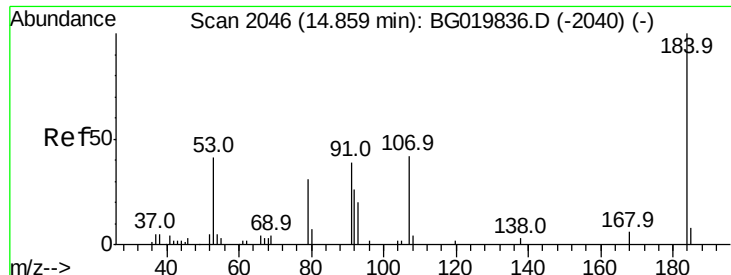
Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG



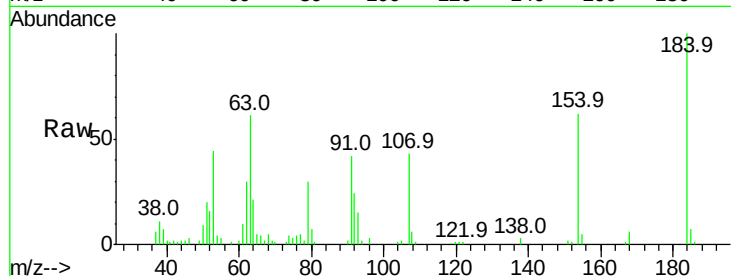
Time-->



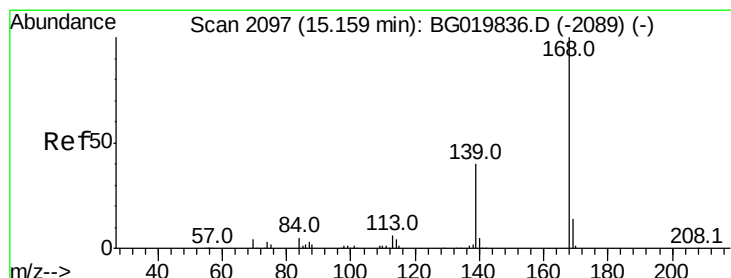
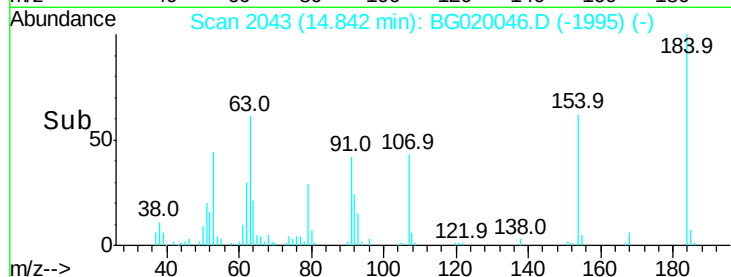
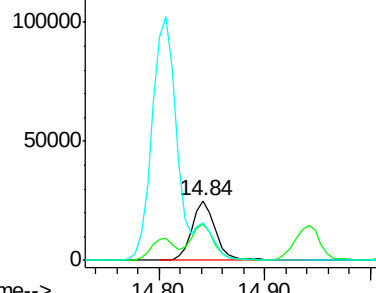
#53
 2,4-Dinitrophenol
 Concen: 76.17 ng
 RT: 14.84 min Scan# 2043
 Delta R.T. -0.02 min
 Lab File: BG020046.D
 Acq: 9 Dec 2015 16:41

Instrument :
 BNA_G
 ClientSampleId :
 ELP-1MS

Tot Ion:184 Resp: 38960
 Ion Ratio Lower Upper
 184 100
 63 61.2 42.7 64.1
 154 62.3 44.3 66.5

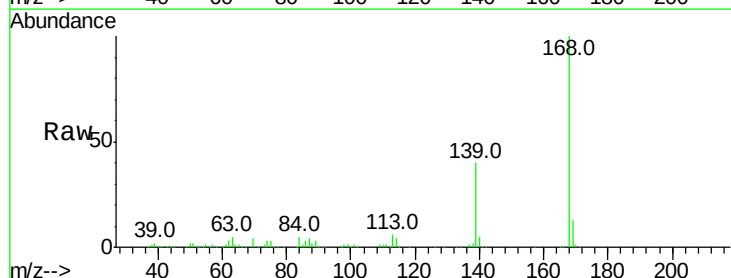


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

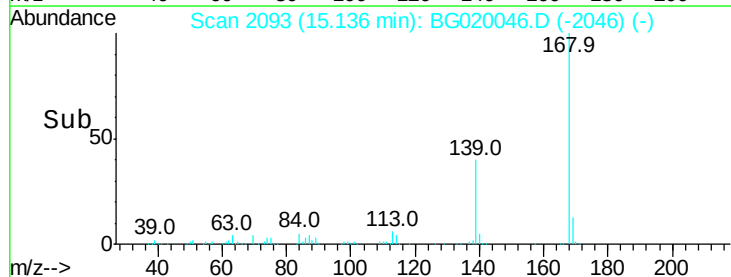
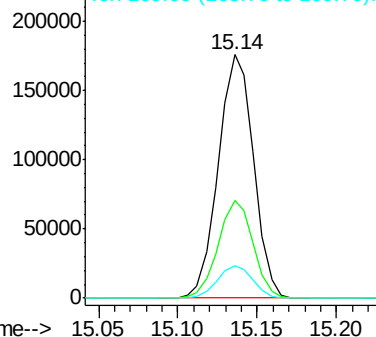


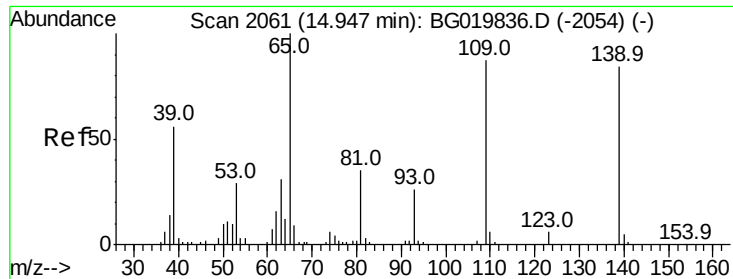
#54
 Dibenzofuran
 Concen: 48.71 ng
 RT: 15.14 min Scan# 2093
 Delta R.T. -0.02 min
 Lab File: BG020046.D
 Acq: 9 Dec 2015 16:41

Tgt Ion:168 Resp: 271025
 Ion Ratio Lower Upper
 168 100
 139 40.2 27.4 41.0
 169 13.3 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

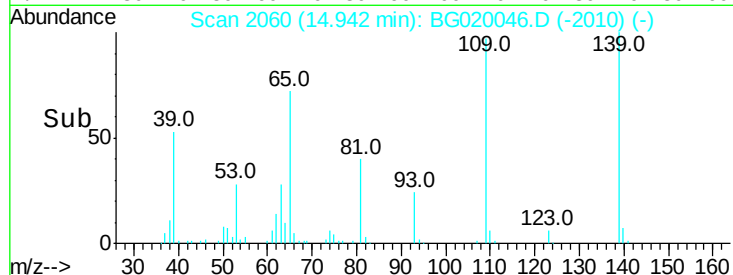
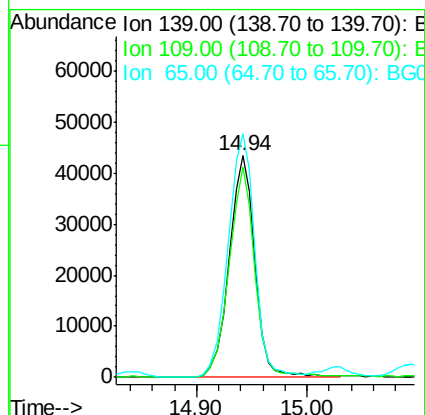
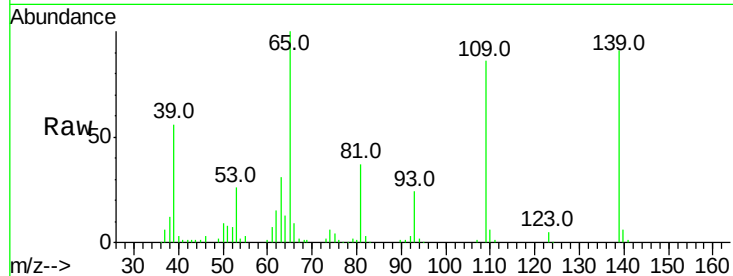




#55
4-Nitrophenol
Concen: 81.01 ng
RT: 14.94 min Scan# 2060
Delta R.T. -0.01 min
Lab File: BG020046.D
Acq: 9 Dec 2015 16:41

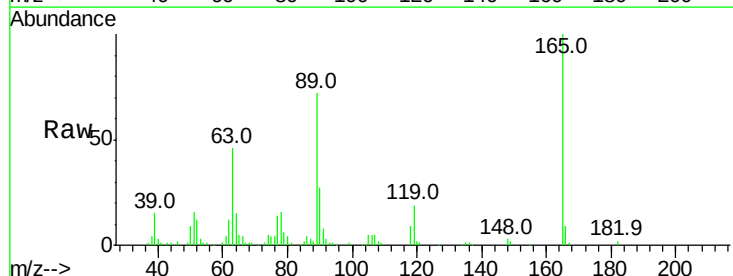
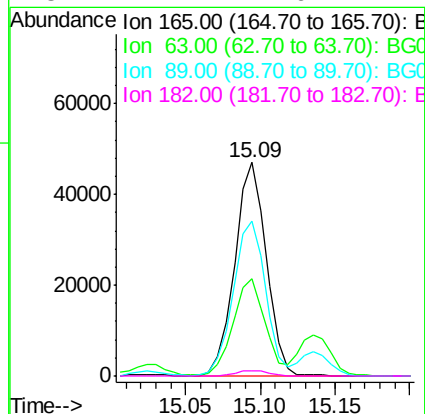
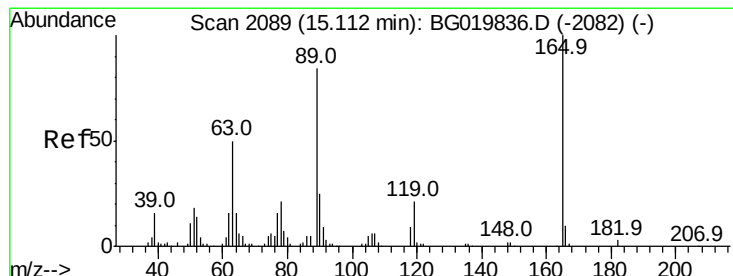
Instrument :
BNA_G
ClientSampleId :
ELP-1MS

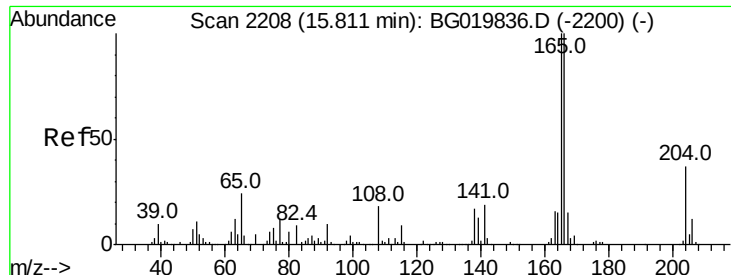
Tot Ion:139 Resp: 70923
Ion Ratio Lower Upper
139 100
109 94.8 43.2 83.2#
65 109.8 67.8 107.8#



#56
2,4-Dinitrotoluene
Concen: 51.25 ng
RT: 15.09 min Scan# 2086
Delta R.T. -0.02 min
Lab File: BG020046.D
Acq: 9 Dec 2015 16:41

Tgt Ion:165 Resp: 69189
Ion Ratio Lower Upper
165 100
63 45.8 31.0 46.4
89 72.4 54.4 81.6
182 2.4 1.6 2.4#

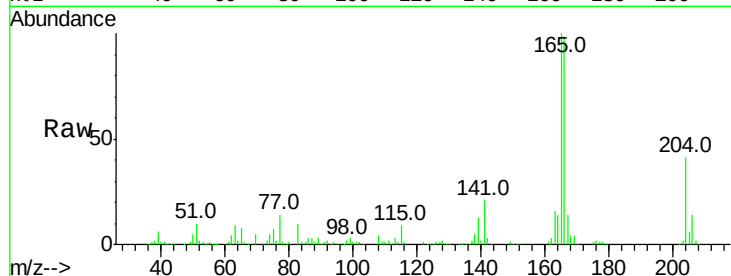




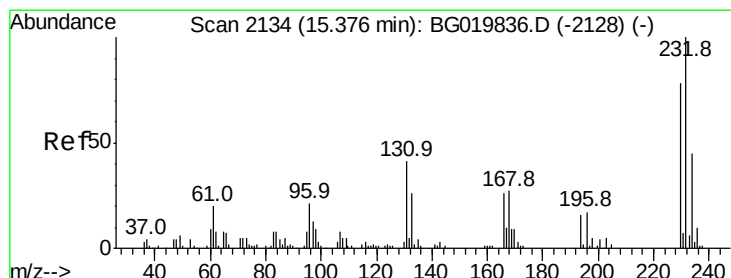
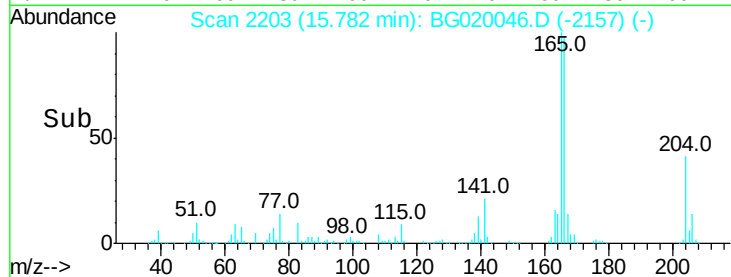
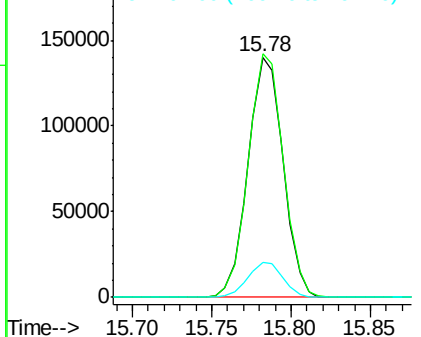
#57
 Fluorene
 Concen: 43.27 ng
 RT: 15.78 min Scan# 2203
 Delta R.T. -0.03 min
 Lab File: BG020046.D
 Acq: 9 Dec 2015 16:41

Instrument :
 BNA_G
 ClientSampleId :
 ELP-1MS

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.6	80.0	120.0
167	14.7	11.1	16.7



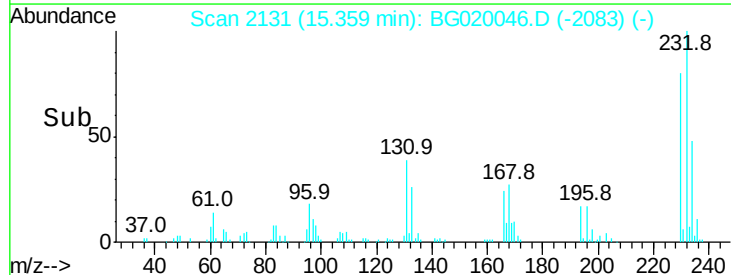
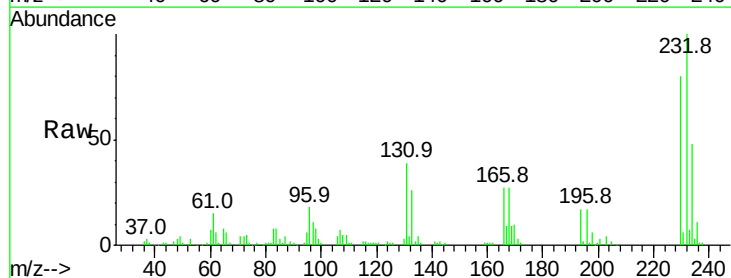
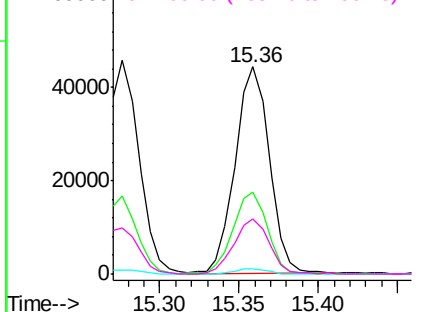
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

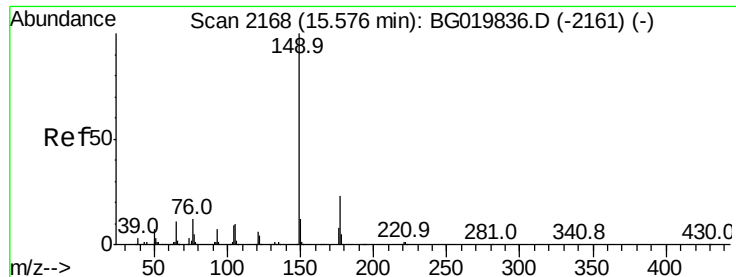


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.13 ng
 RT: 15.36 min Scan# 2131
 Delta R.T. -0.02 min
 Lab File: BG020046.D
 Acq: 9 Dec 2015 16:41

Tgt Ion	Ratio	Lower	Upper
232	100		
131	40.2	33.0	49.6
130	2.3	2.0	3.0
166	27.6	24.1	36.1

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





#59

Diethylphthalate

Concen: 40.64 ng

RT: 15.55 min Scan# 2163

Delta R.T. -0.03 min

Lab File: BG020046.D

Acq: 9 Dec 2015 16:41

Instrument :

BNA_G

ClientSampleId :

ELP-1MS

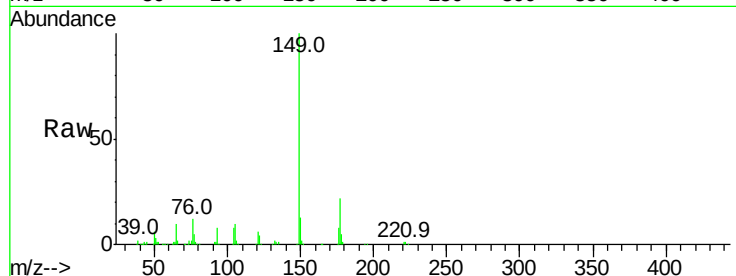
Tot Ion:149 Resp: 226366

Ion Ratio Lower Upper

149 100

177 21.8 19.6 29.4

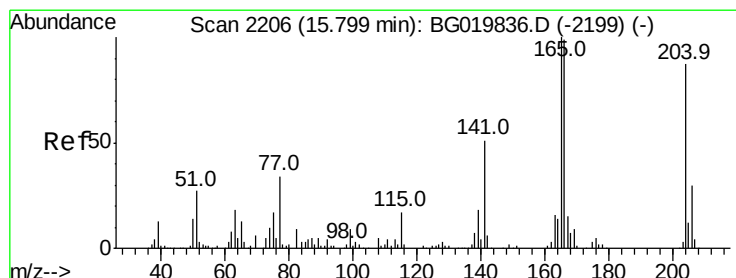
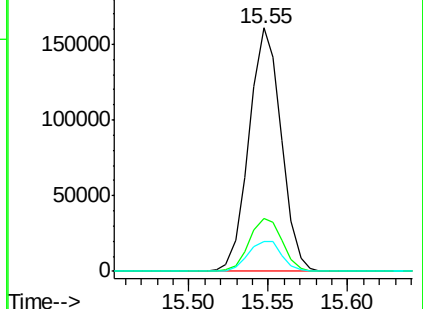
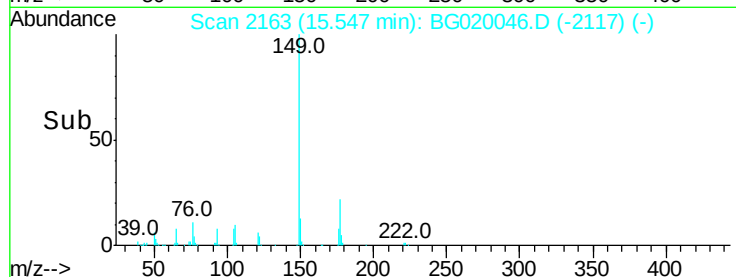
150 12.5 10.2 15.2



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: 42.09 ng

RT: 15.78 min Scan# 2202

Delta R.T. -0.02 min

Lab File: BG020046.D

Acq: 9 Dec 2015 16:41

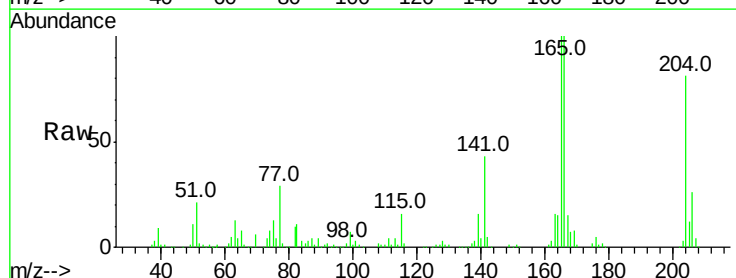
Tgt Ion:204 Resp: 120364

Ion Ratio Lower Upper

204 100

206 32.3 28.3 42.5

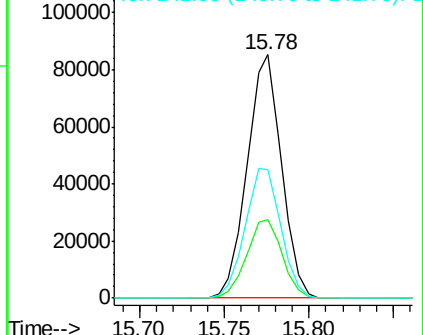
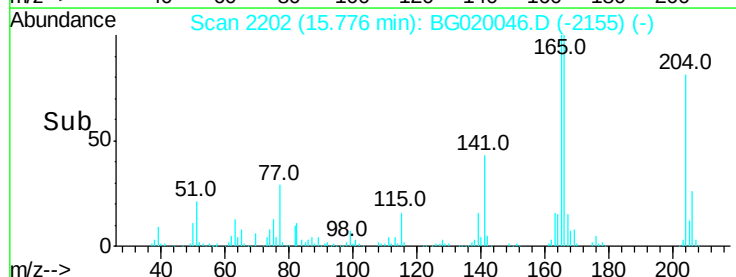
141 52.9 44.0 66.0

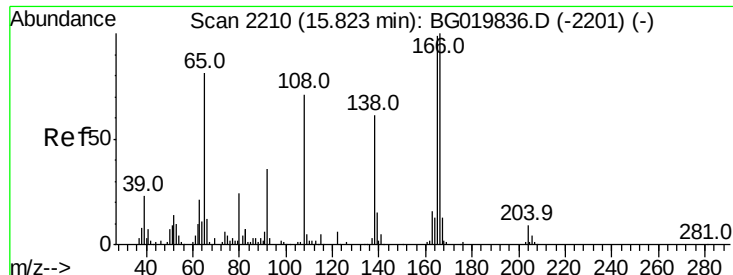


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

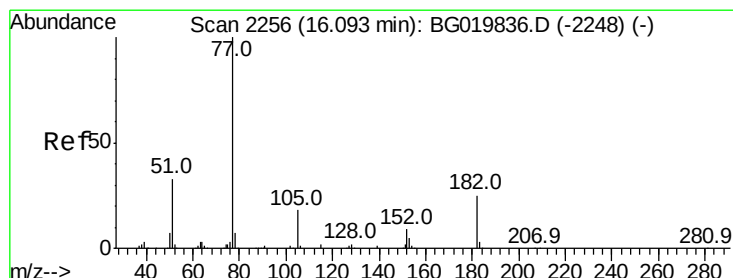
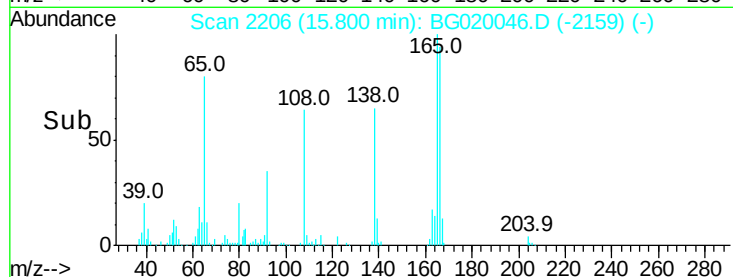
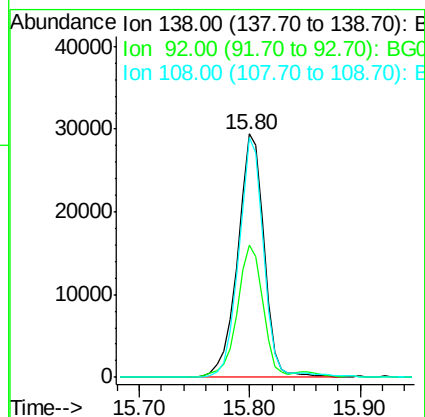
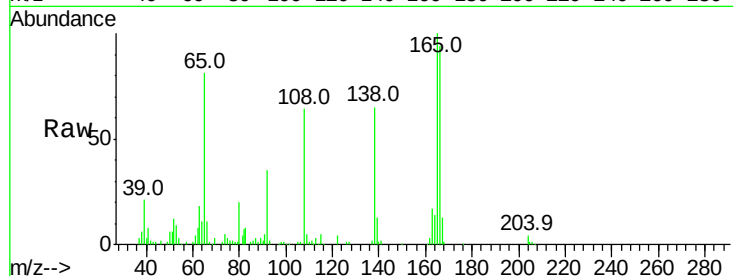




#61
4-Nitroaniline
Concen: 43.63 ng
RT: 15.80 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BG020046.D
Acq: 9 Dec 2015 16:41

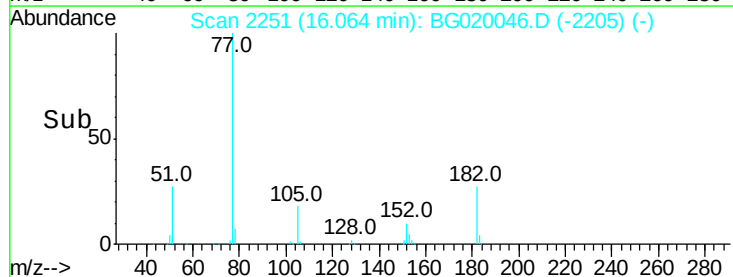
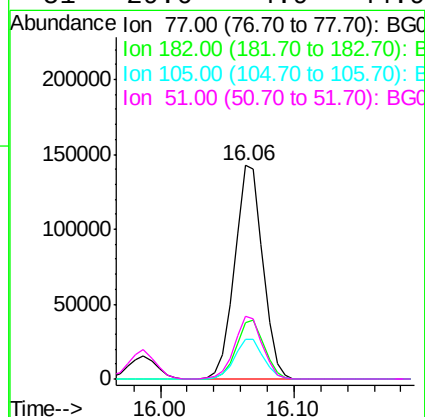
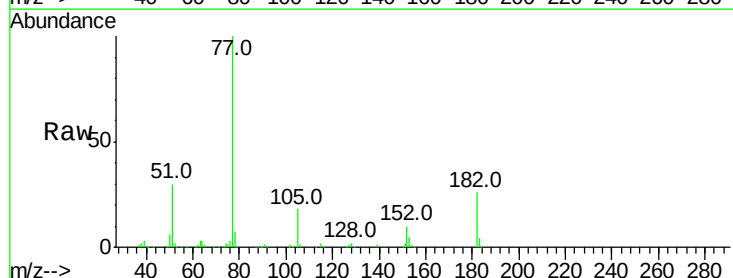
Instrument :
BNA_G
ClientSampleId :
ELP-1MS

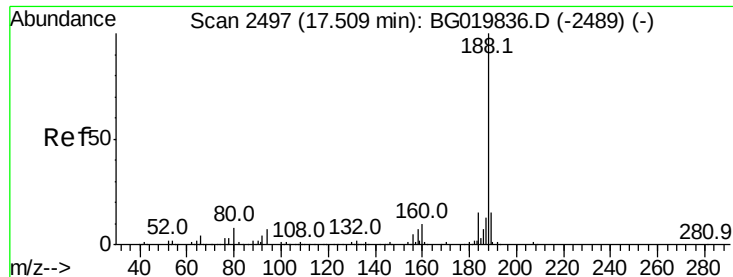
Tot Ion:138 Resp: 49323
Ion Ratio Lower Upper
138 100
92 54.1 29.1 69.1
108 98.5 49.8 89.8#



#62
Azobenzene
Concen: 45.10 ng
RT: 16.06 min Scan# 2251
Delta R.T. -0.03 min
Lab File: BG020046.D
Acq: 9 Dec 2015 16:41

Tgt Ion: 77 Resp: 209027
Ion Ratio Lower Upper
77 100
182 26.1 7.0 47.0
105 18.3 1.4 41.4
51 29.6 4.9 44.9

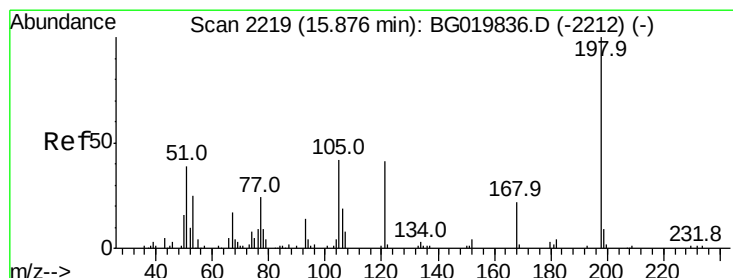
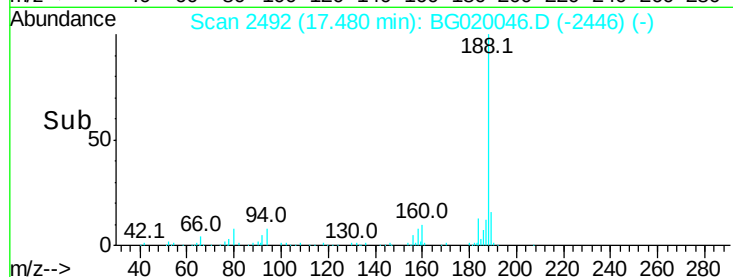
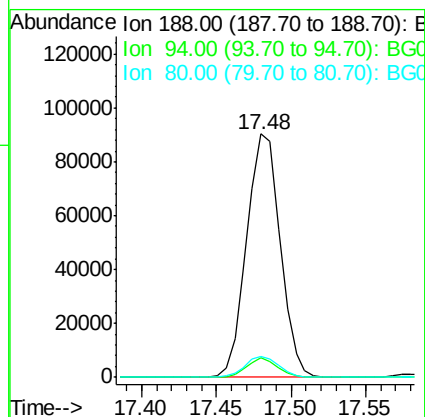
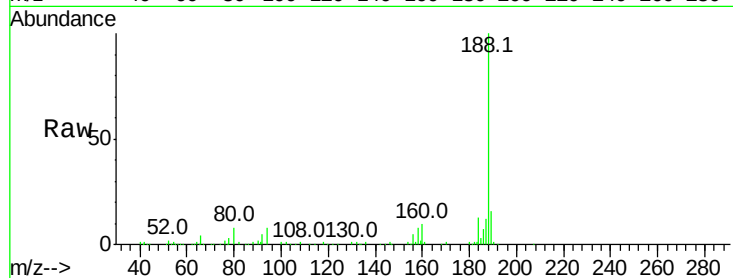




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG020046.D
Acq: 9 Dec 2015 16:41

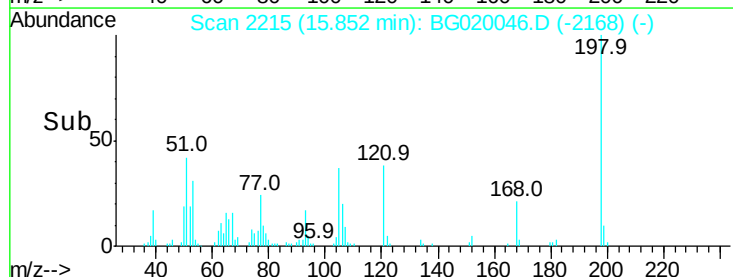
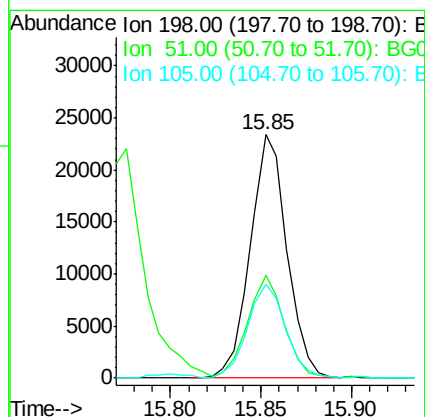
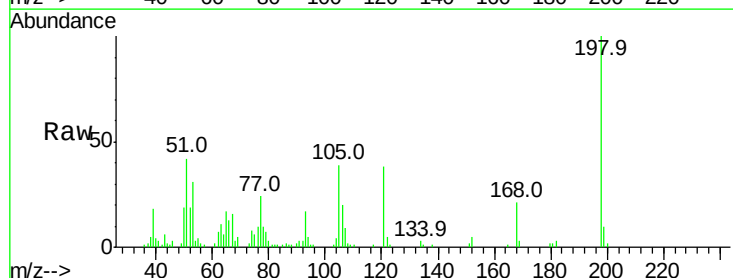
Instrument :
BNA_G
ClientSampleId :
ELP-1MS

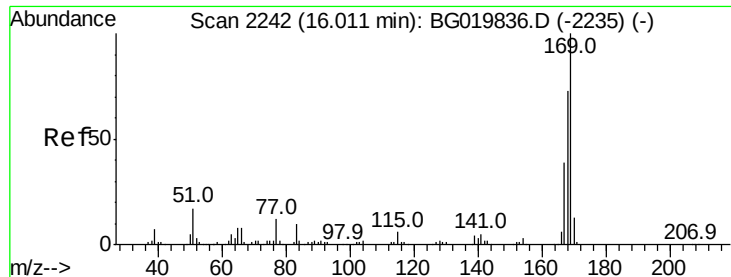
Tot Ion:188 Resp: 140314
Ion Ratio Lower Upper
188 100
94 7.8 7.7 11.5
80 8.5 7.8 11.8



#64
4,6-Dinitro-2-methylphenol
Concen: 42.49 ng
RT: 15.85 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BG020046.D
Acq: 9 Dec 2015 16:41

Tgt Ion:198 Resp: 32864
Ion Ratio Lower Upper
198 100
51 42.2 14.2 54.2
105 38.6 21.1 61.1

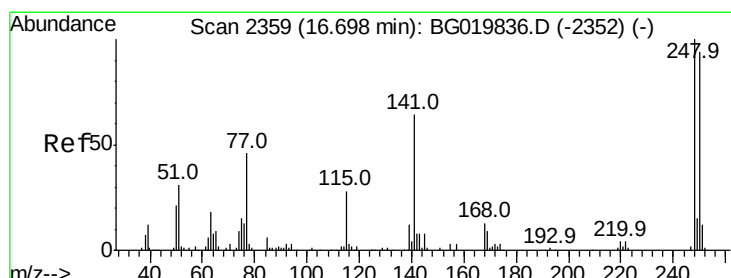
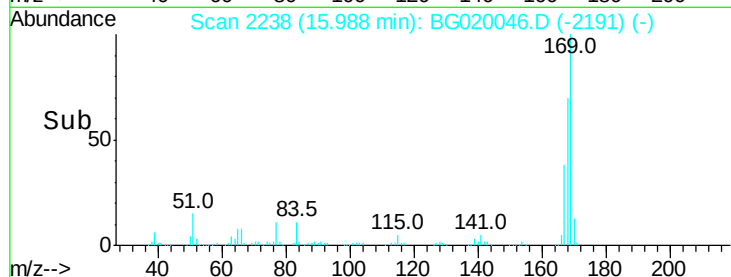
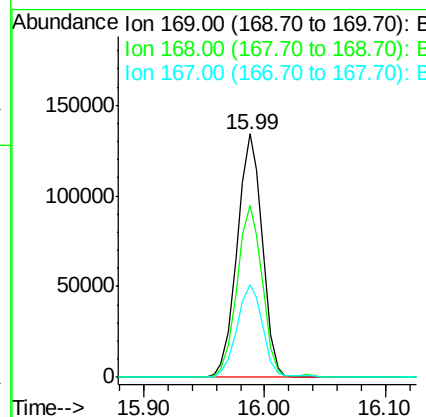
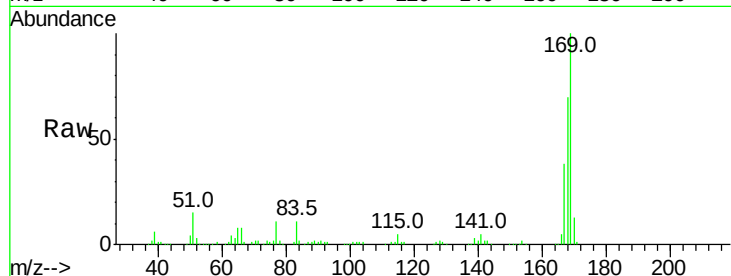




#65
n-Nitrosodiphenylamine
Concen: 47.82 ng
RT: 15.99 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BG020046.D
Acq: 9 Dec 2015 16:41

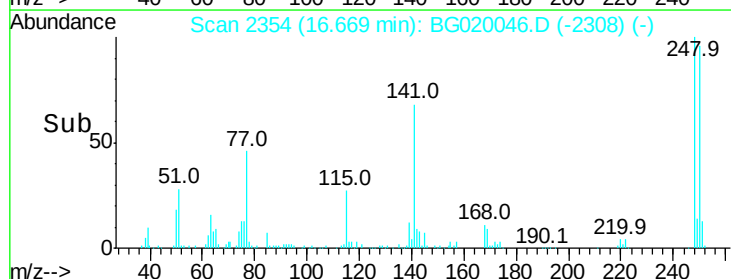
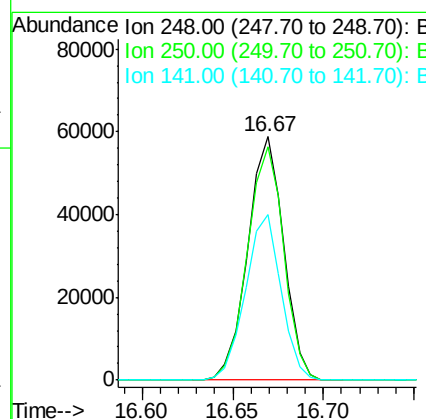
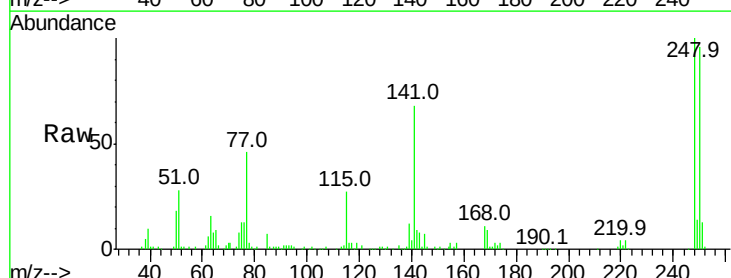
Instrument :
BNA_G
ClientSampleId :
ELP-1MS

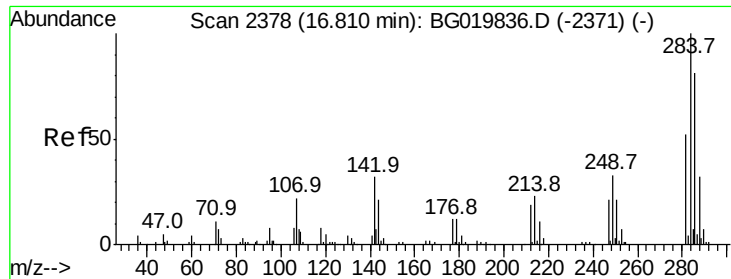
Tot Ion:169 Resp: 194163
Ion Ratio Lower Upper
169 100
168 70.4 58.2 87.2
167 38.1 32.7 49.1



#66
4-Bromophenyl-phenylether
Concen: 46.31 ng
RT: 16.67 min Scan# 2354
Delta R.T. -0.03 min
Lab File: BG020046.D
Acq: 9 Dec 2015 16:41

Tgt Ion:248 Resp: 80746
Ion Ratio Lower Upper
248 100
250 96.0 77.8 116.8
141 67.8 50.4 75.6

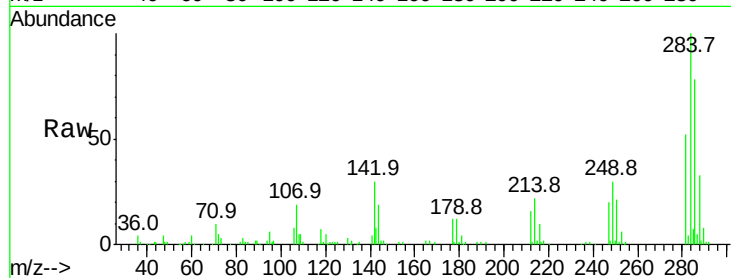




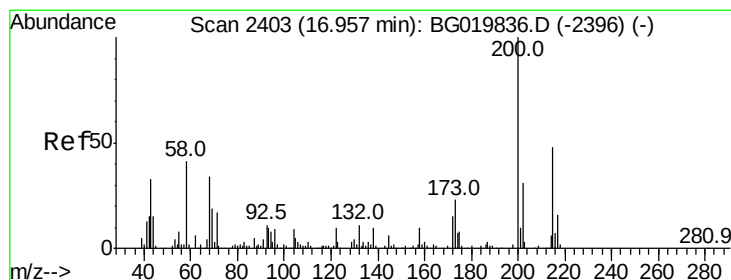
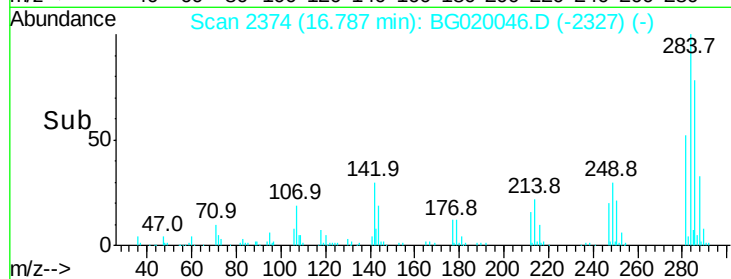
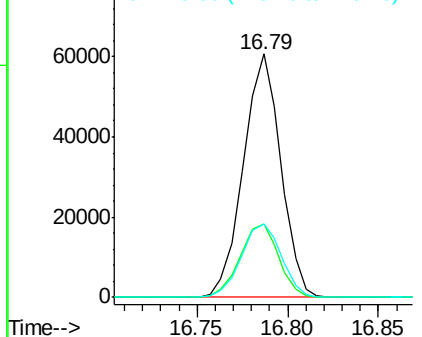
#67
Hexachlorobenzene
Concen: 47.89 ng
RT: 16.79 min Scan# 2374
Delta R.T. -0.02 min
Lab File: BG020046.D
Acq: 9 Dec 2015 16:41

Instrument :
BNA_G
ClientSampleId :
ELP-1MS

Tot Ion:284 Resp: 86976
Ion Ratio Lower Upper
284 100
142 30.0 26.6 39.8
249 30.4 26.2 39.2

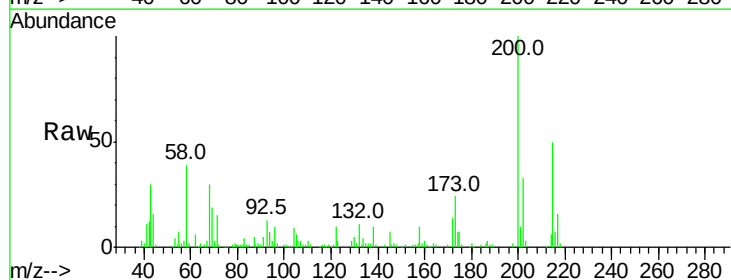


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

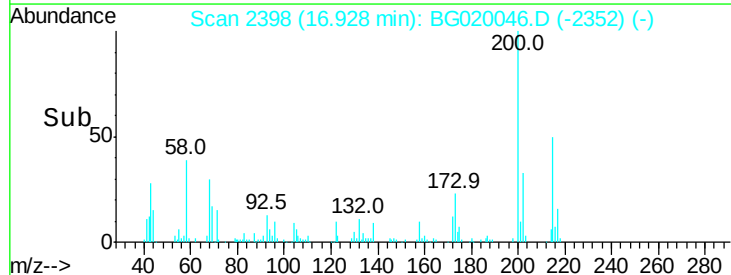
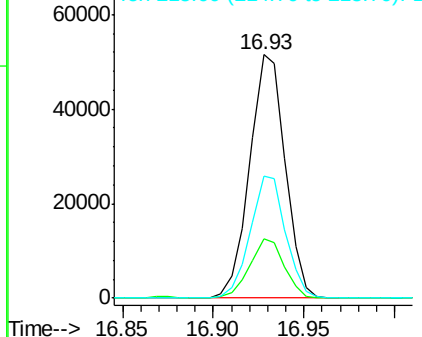


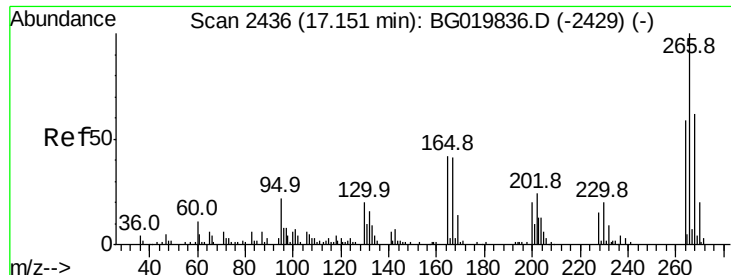
#68
Atrazine
Concen: 39.76 ng
RT: 16.93 min Scan# 2398
Delta R.T. -0.03 min
Lab File: BG020046.D
Acq: 9 Dec 2015 16:41

Tgt Ion:200 Resp: 70143
Ion Ratio Lower Upper
200 100
173 24.3 5.2 45.2
215 50.0 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

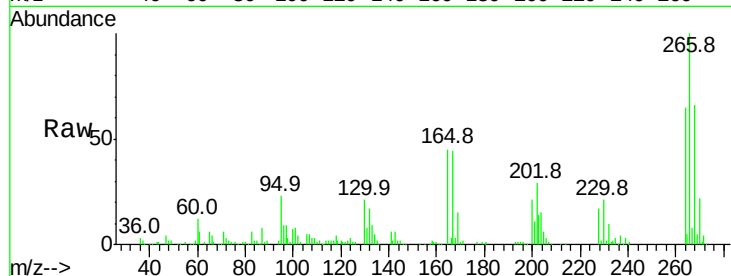




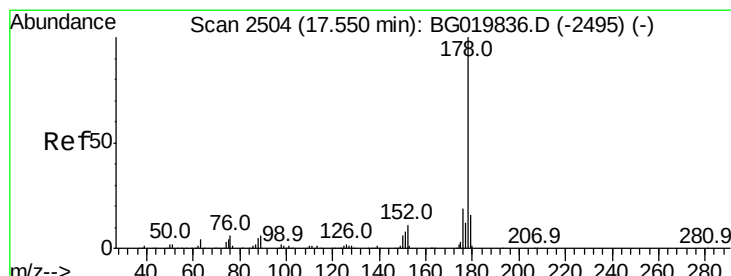
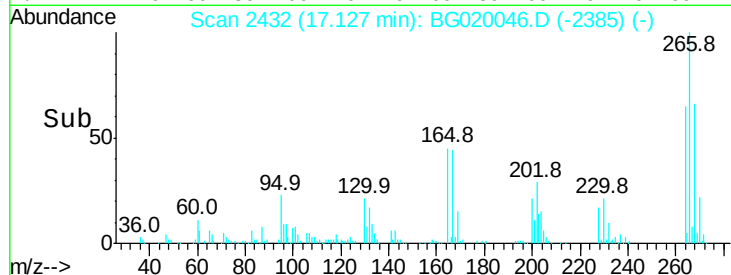
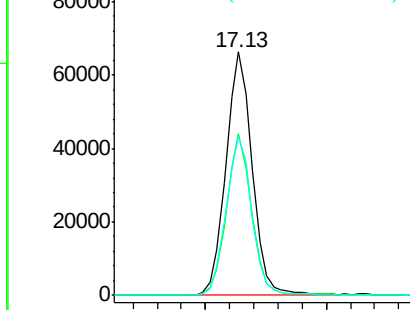
#69
 Pentachlorophenol
 Concen: 94.66 ng
 RT: 17.13 min Scan# 2432
 Delta R.T. -0.02 min
 Lab File: BG020046.D
 Acq: 9 Dec 2015 16:41

Instrument :
 BNA_G
 ClientSampleId :
 ELP-1MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.3	47.6	71.4
264	65.4	48.1	72.1

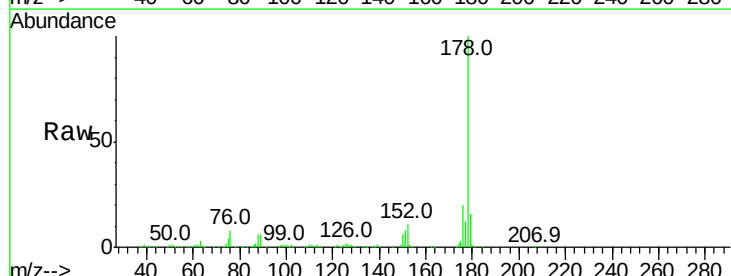


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

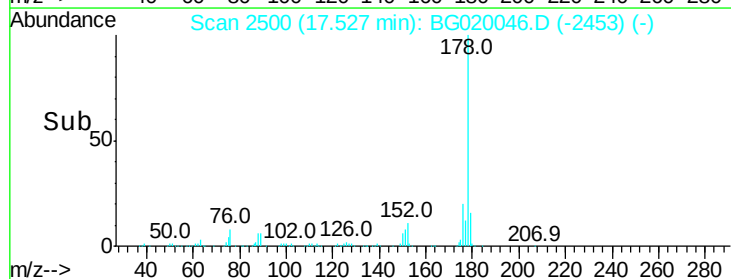
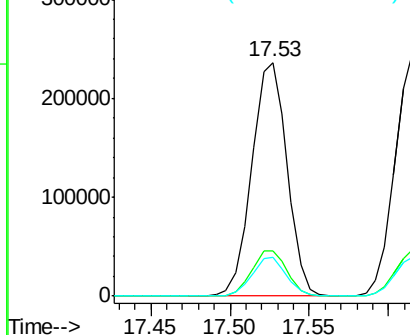


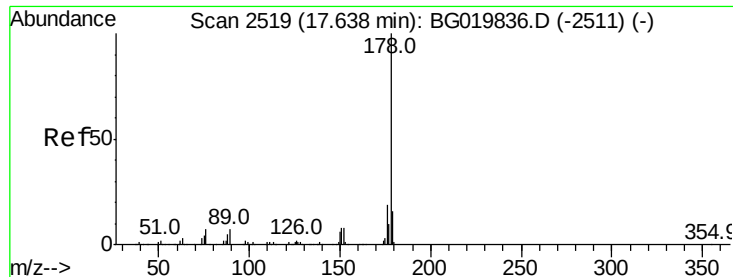
#70
 Phenanthrene
 Concen: 46.00 ng
 RT: 17.53 min Scan# 2500
 Delta R.T. -0.02 min
 Lab File: BG020046.D
 Acq: 9 Dec 2015 16:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.7	25.1
179	16.4	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

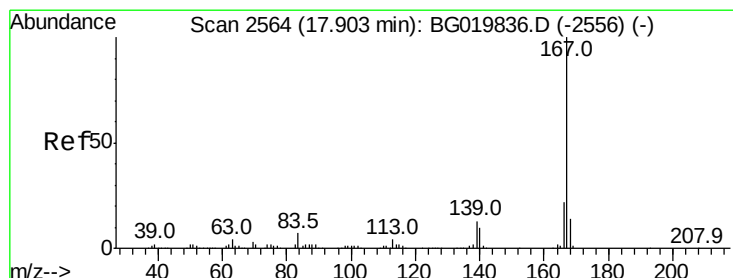
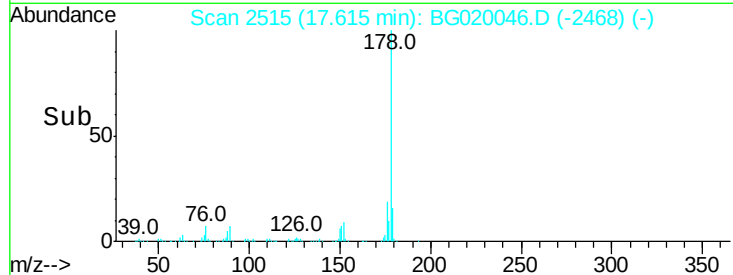
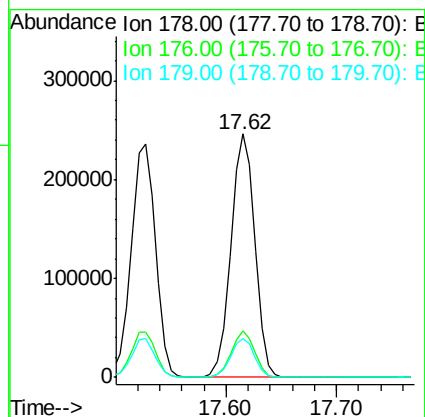
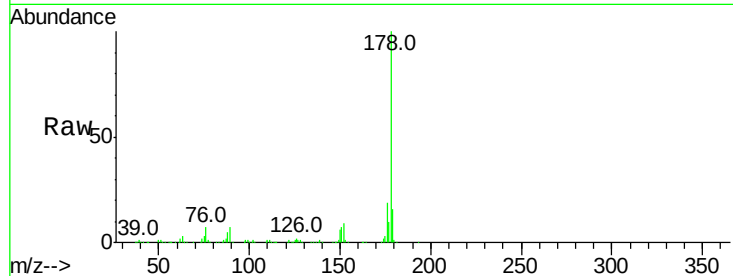




#71
 Anthracene
 Concen: 46.11 ng
 RT: 17.62 min Scan# 2515
 Delta R.T. -0.02 min
 Lab File: BG020046.D
 Acq: 9 Dec 2015 16:41

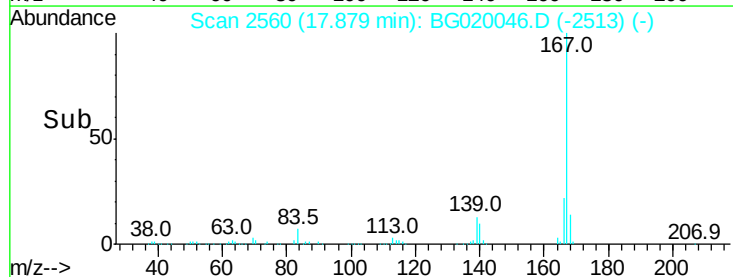
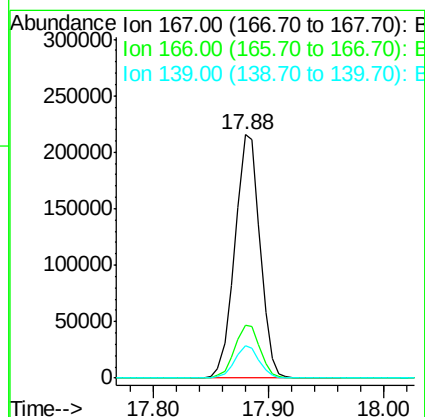
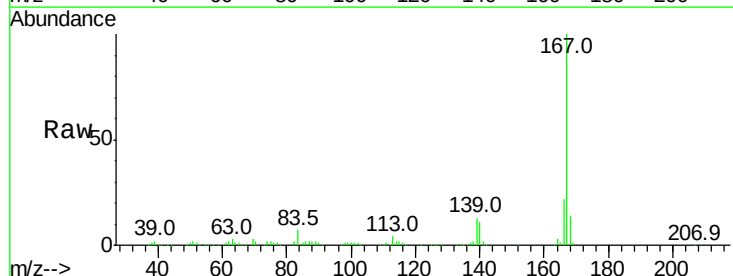
Instrument :
 BNA_G
 ClientSampleId :
 ELP-1MS

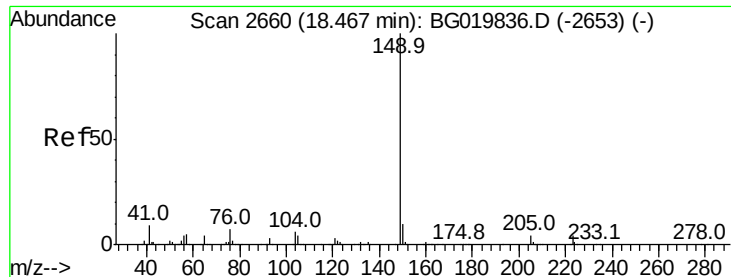
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.8	25.2
179	16.2	13.9	20.9



#72
 Carbazole
 Concen: 45.67 ng
 RT: 17.88 min Scan# 2560
 Delta R.T. -0.02 min
 Lab File: BG020046.D
 Acq: 9 Dec 2015 16:41

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	19.0	28.6
139	13.3	10.2	15.4





#73

Di-n-butylphthalate

Concen: 43.51 ng

RT: 18.43 min Scan# 2654

Delta R.T. -0.04 min

Lab File: BG020046.D

Acq: 9 Dec 2015 16:41

Instrument :

BNA_G

ClientSampleId :

ELP-1MS

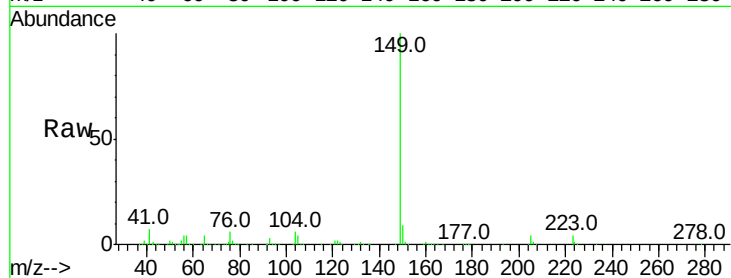
Tot Ion:149 Resp: 379939

Ion Ratio Lower Upper

149 100

150 9.2 8.2 12.4

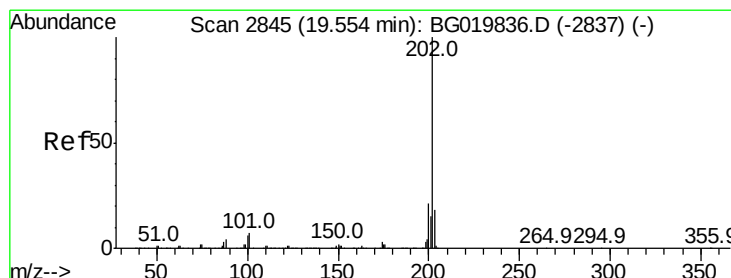
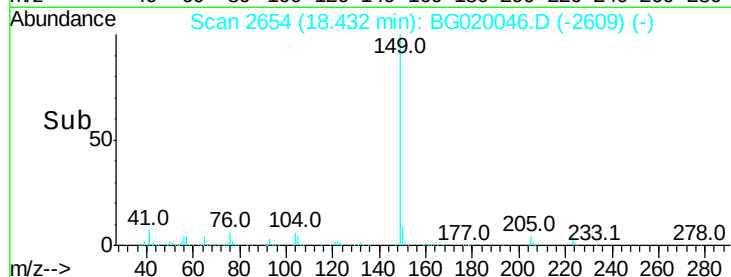
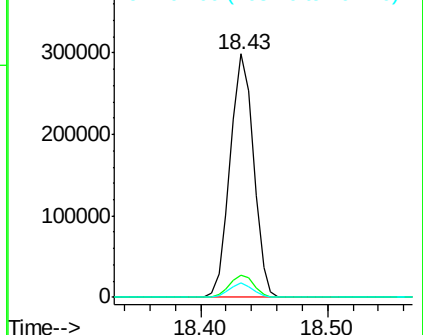
104 5.7 4.4 6.6



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: 45.61 ng

RT: 19.52 min Scan# 2840

Delta R.T. -0.03 min

Lab File: BG020046.D

Acq: 9 Dec 2015 16:41

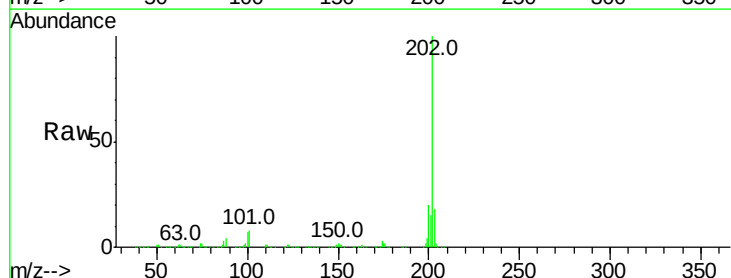
Tgt Ion:202 Resp: 463171

Ion Ratio Lower Upper

202 100

101 7.9 0.0 32.4

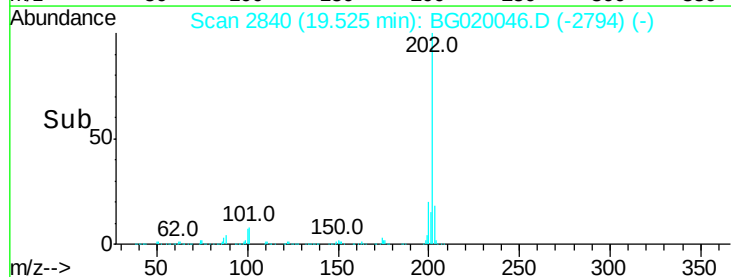
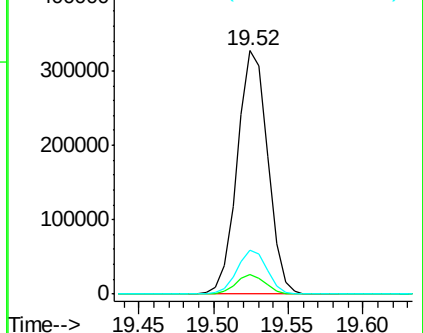
203 17.8 0.0 39.5

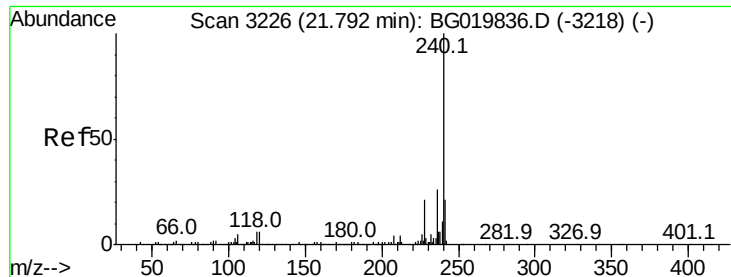


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.76 min Scan# 3220

Delta R.T. -0.04 min

Lab File: BG020046.D

Acq: 9 Dec 2015 16:41

Instrument :

BNA_G

ClientSampleId :

ELP-1MS

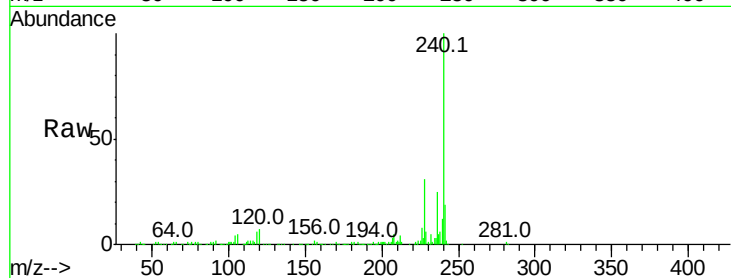
Tot Ion:240 Resp: 174323

Ion Ratio Lower Upper

240 100

120 7.1 7.4 11.0#

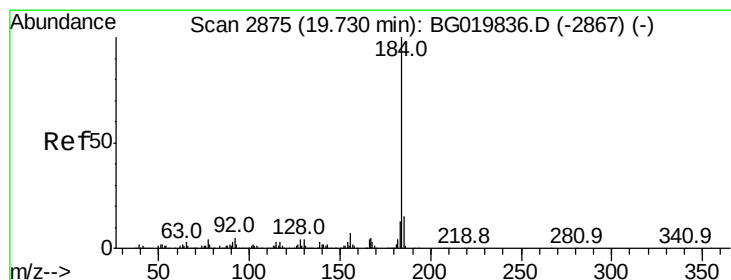
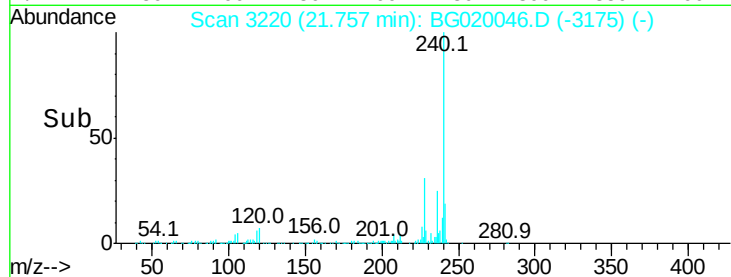
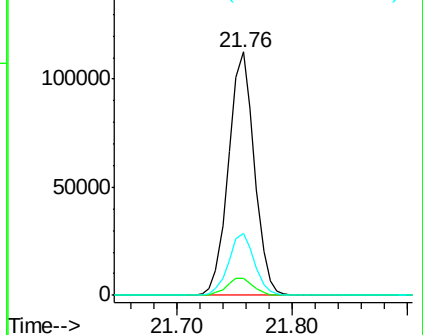
236 25.2 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 28.97 ng

RT: 19.71 min Scan# 2871

Delta R.T. -0.02 min

Lab File: BG020046.D

Acq: 9 Dec 2015 16:41

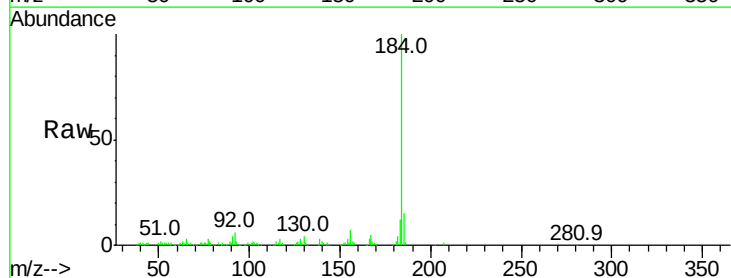
Tgt Ion:184 Resp: 165898

Ion Ratio Lower Upper

184 100

185 15.1 13.4 20.2

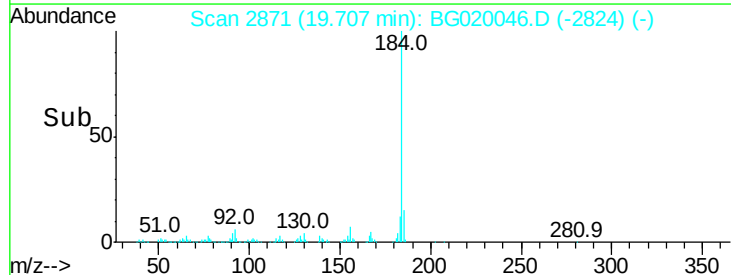
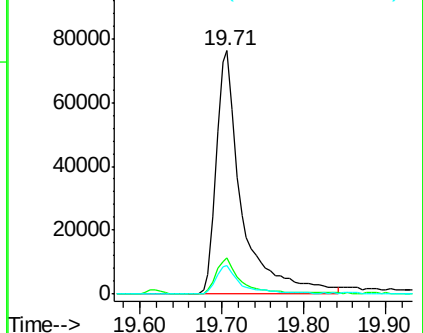
183 11.8 10.1 15.1

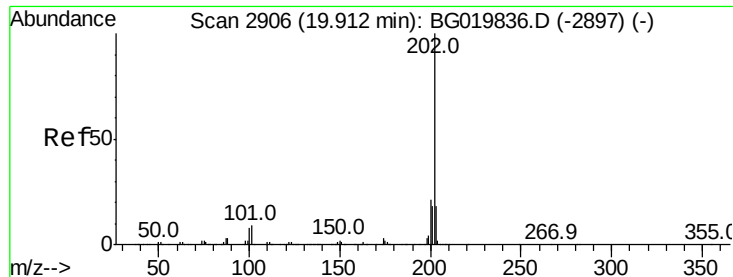


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 45.95 ng

RT: 19.89 min Scan# 2902

Delta R.T. -0.02 min

Lab File: BG020046.D

Acq: 9 Dec 2015 16:41

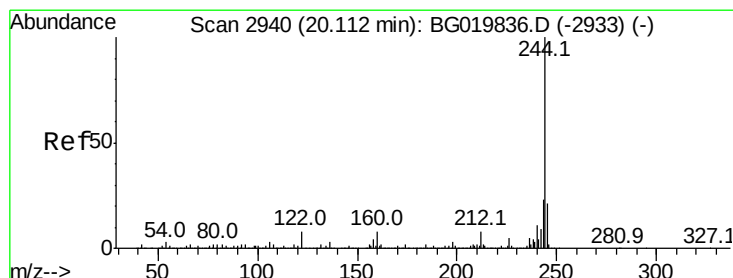
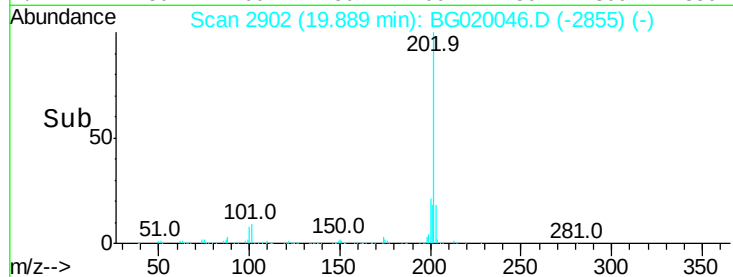
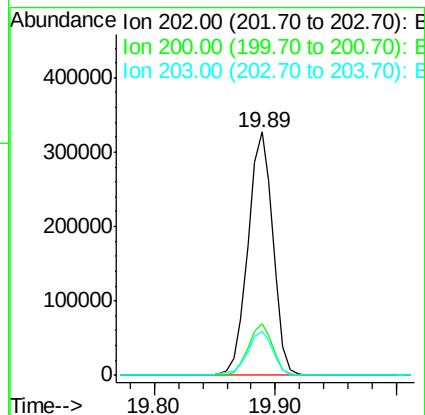
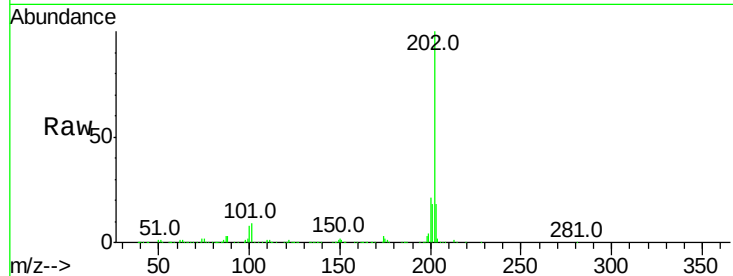
Instrument :

BNA_G

ClientSampleId :

ELP-1MS

Tot Ion:	202	Resp:	471267
Ion	Ratio	Lower	Upper
202	100		
200	21.1	19.4	29.0
203	18.2	15.5	23.3



#78

Terphenyl-d14

Concen: 75.24 ng

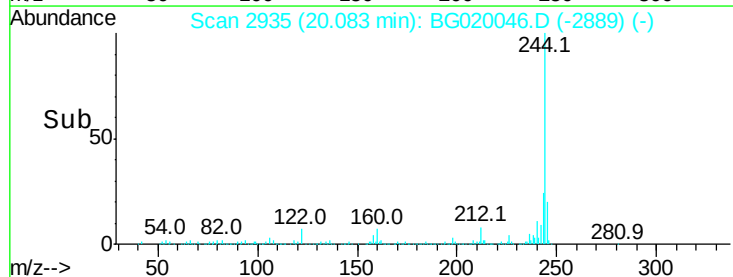
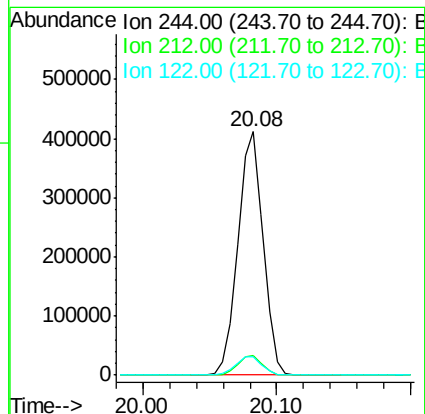
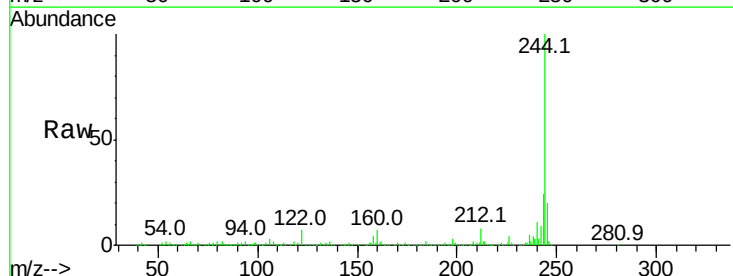
RT: 20.08 min Scan# 2935

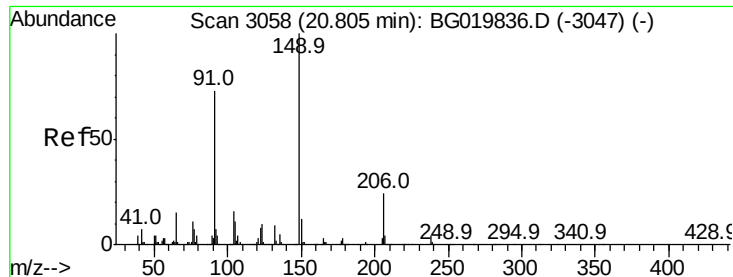
Delta R.T. -0.03 min

Lab File: BG020046.D

Acq: 9 Dec 2015 16:41

Tgt Ion:	244	Resp:	537708
Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.9	10.3
122	7.3	10.2	15.2#





#79

Butylbenzylphthalate

Concen: 45.61 ng

RT: 20.76 min Scan# 3051

Delta R.T. -0.04 min

Lab File: BG020046.D

Acq: 9 Dec 2015 16:41

Instrument :

BNA_G

ClientSampleId :

ELP-1MS

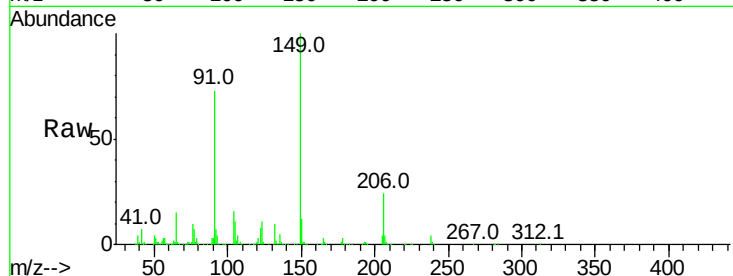
Tot Ion:149 Resp: 183329

Ion Ratio Lower Upper

149 100

91 73.1 58.1 87.1

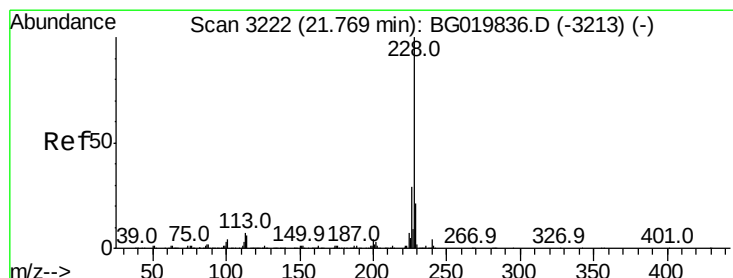
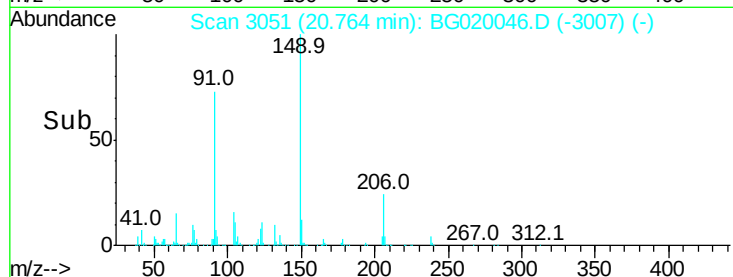
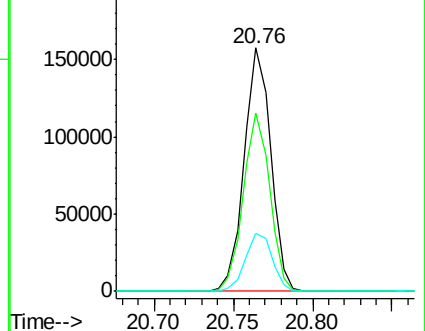
206 23.9 17.8 26.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 45.76 ng

RT: 21.73 min Scan# 3216

Delta R.T. -0.04 min

Lab File: BG020046.D

Acq: 9 Dec 2015 16:41

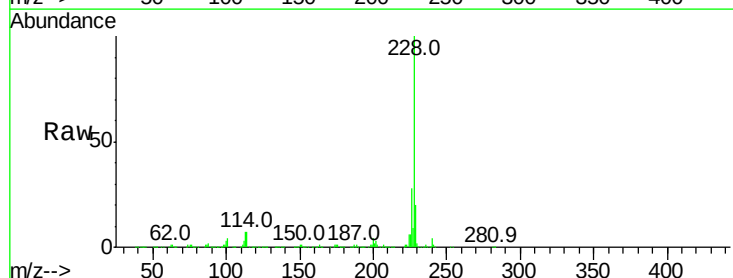
Tgt Ion:228 Resp: 488299

Ion Ratio Lower Upper

228 100

226 28.0 23.4 35.0

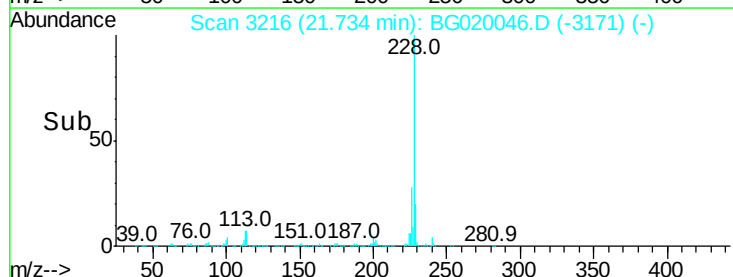
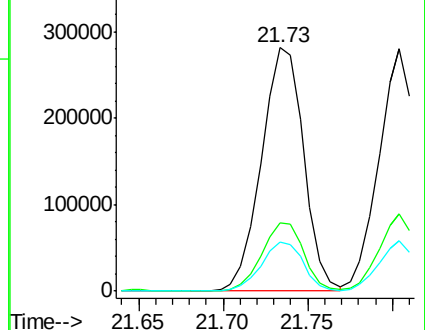
229 20.3 16.6 25.0

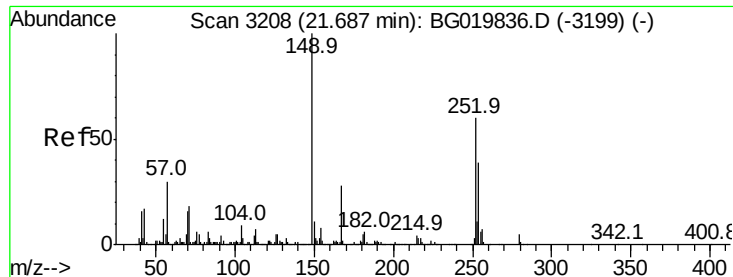


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

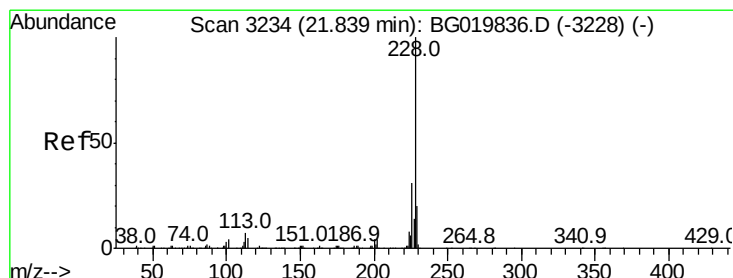
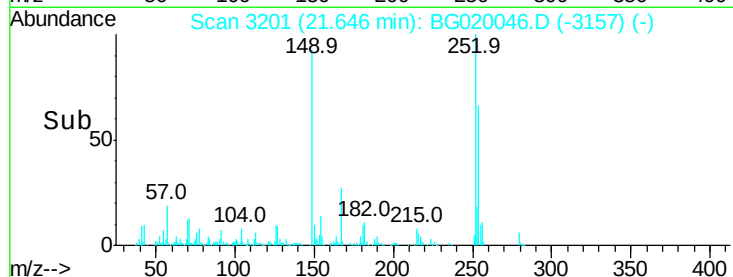
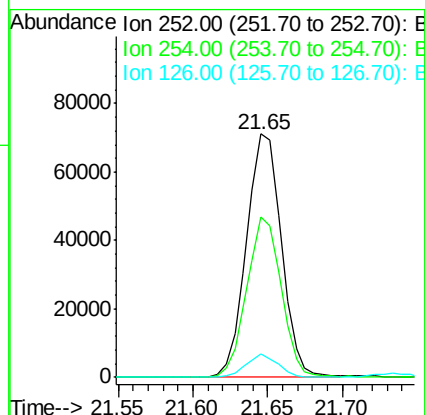
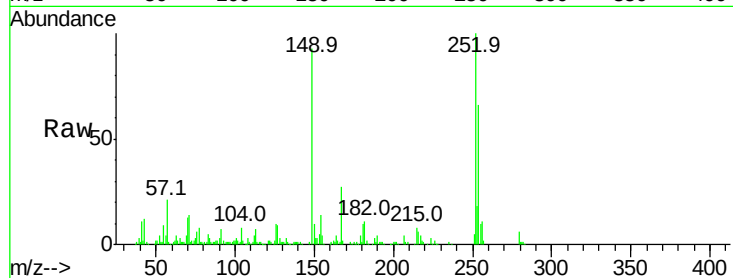




#81
 3,3'-Dichlorobenzidine
 Concen: 28.37 ng
 RT: 21.65 min Scan# 3201
 Delta R.T. -0.04 min
 Lab File: BG020046.D
 Acq: 9 Dec 2015 16:41

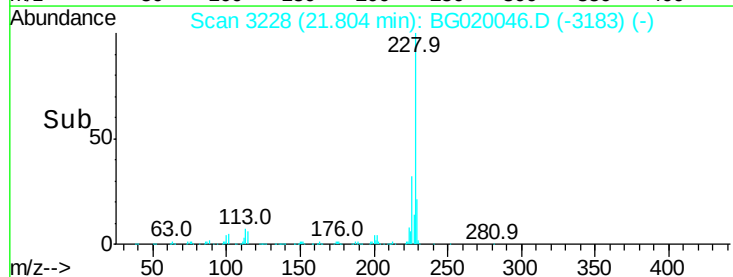
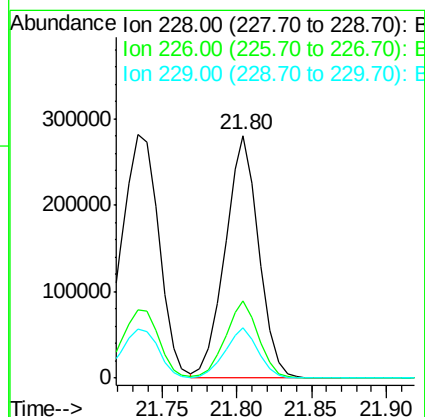
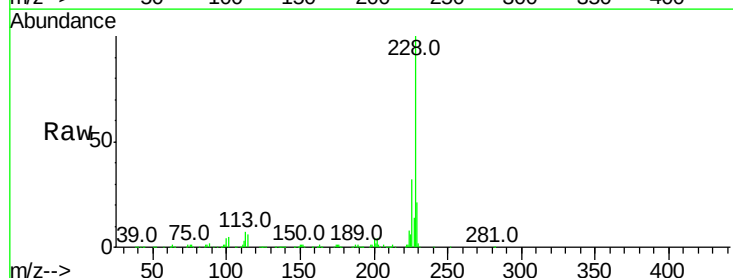
Instrument :
 BNA_G
 ClientSampleId :
 ELP-1MS

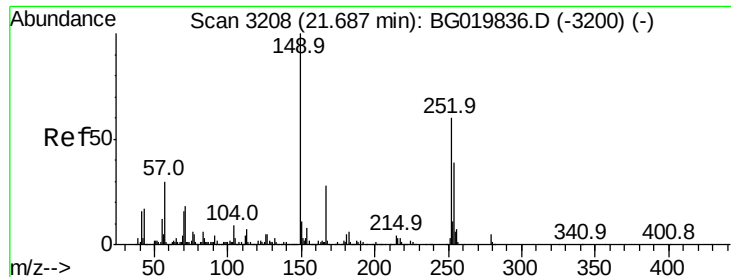
Tot Ion:252 Resp: 115282
 Ion Ratio Lower Upper
 252 100
 254 65.9 52.5 78.7
 126 9.5 8.5 12.7



#82
 Chrysene
 Concen: 43.30 ng
 RT: 21.80 min Scan# 3228
 Delta R.T. -0.04 min
 Lab File: BG020046.D
 Acq: 9 Dec 2015 16:41

Tgt Ion:228 Resp: 438662
 Ion Ratio Lower Upper
 228 100
 226 31.7 26.7 40.1
 229 20.5 17.0 25.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.06 ng

RT: 21.63 min Scan# 3199

Delta R.T. -0.05 min

Lab File: BG020046.D

Acq: 9 Dec 2015 16:41

Instrument :

BNA_G

ClientSampleId :

ELP-1MS

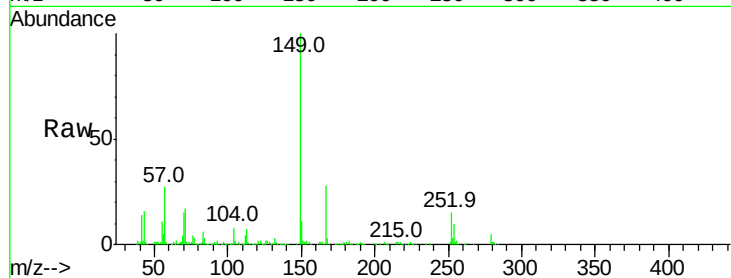
Tot Ion:149 Resp: 277627

Ion Ratio Lower Upper

149 100

167 27.8 23.8 35.8

279 5.2 3.4 5.2#



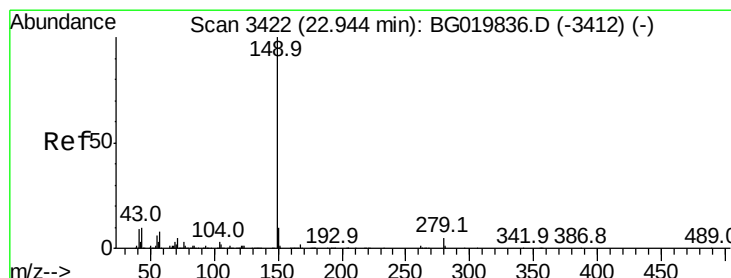
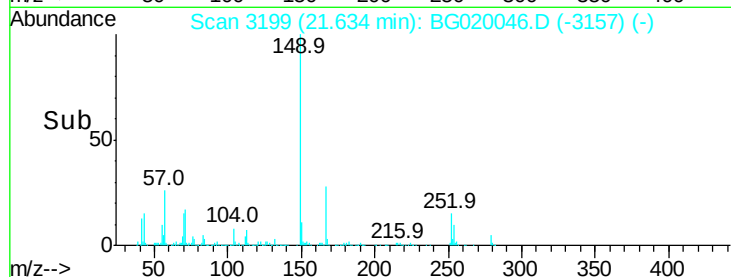
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

21.63

Time-->



#84

Di-n-octyl phthalate

Concen: 47.56 ng

RT: 22.86 min Scan# 3408

Delta R.T. -0.08 min

Lab File: BG020046.D

Acq: 9 Dec 2015 16:41

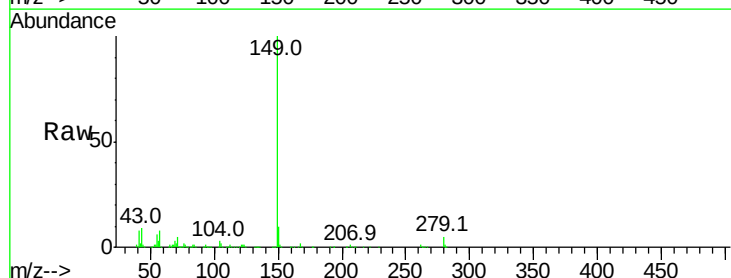
Tgt Ion:149 Resp: 456197

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 9.3 5.9 8.9#



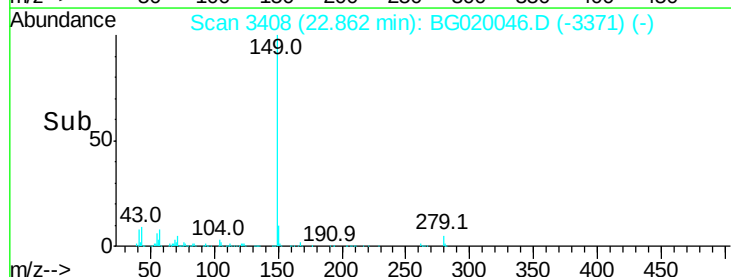
Abundance Ion 149.00 (148.70 to 149.70): E

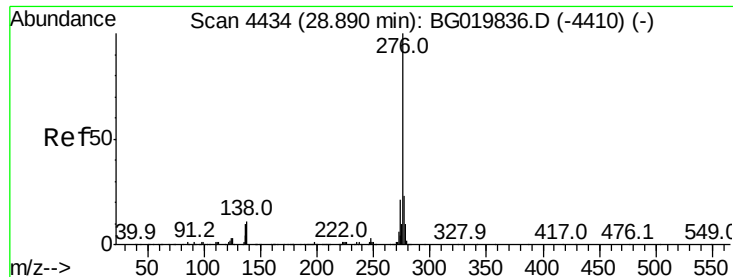
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

22.86

Time-->





#85

Indeno(1,2,3-cd)pyrene

Concen: 48.14 ng

RT: 28.78 min Scan# 4416

Delta R.T. -0.11 min

Lab File: BG020046.D

Acq: 9 Dec 2015 16:41

Instrument :

BNA_G

ClientSampleId :

ELP-1MS

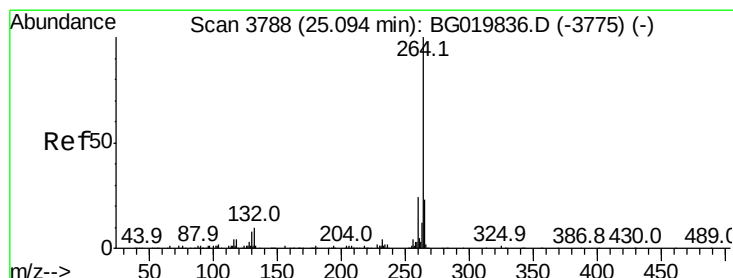
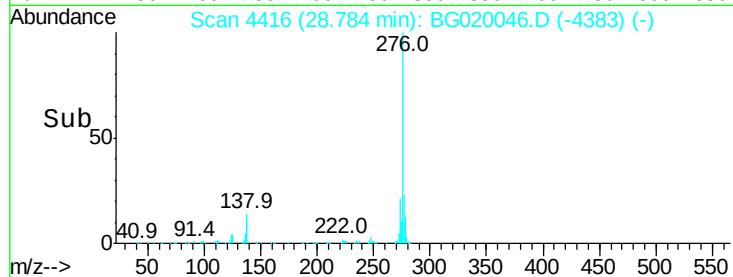
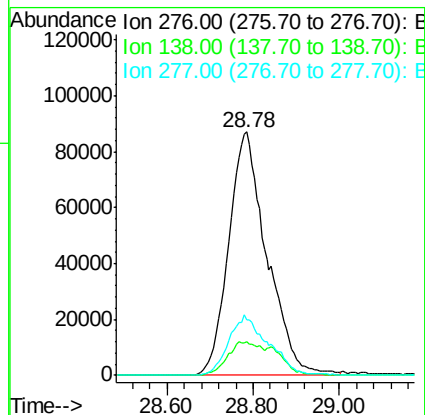
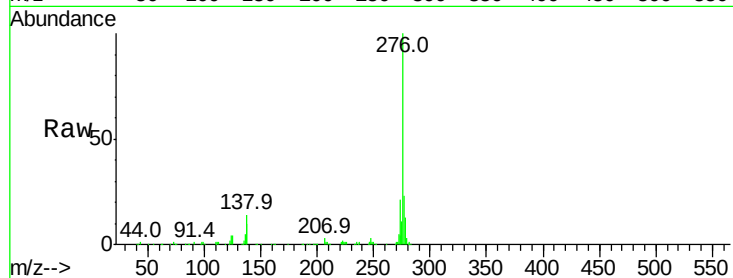
Tot Ion:276 Resp: 537265

Ion Ratio Lower Upper

276 100

138 11.8 0.0 0.0#

277 25.5 0.0 0.0#



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.04 min Scan# 3778

Delta R.T. -0.06 min

Lab File: BG020046.D

Acq: 9 Dec 2015 16:41

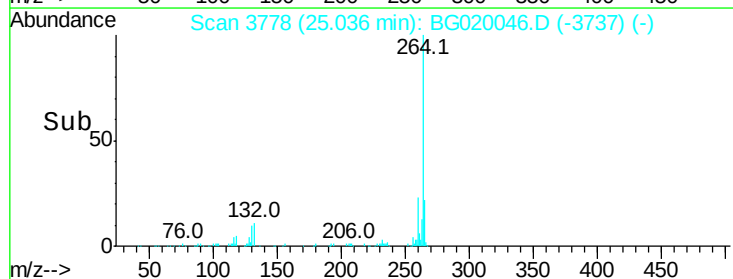
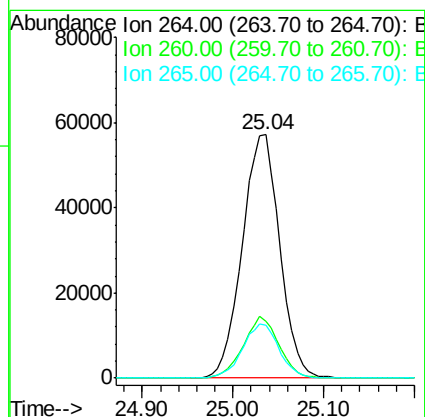
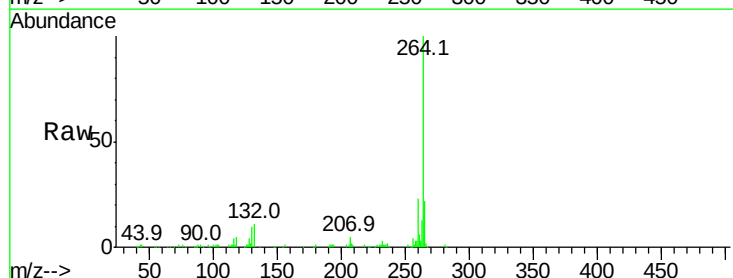
Tgt Ion:264 Resp: 164016

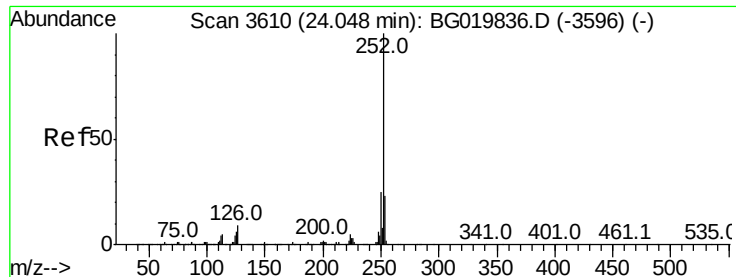
Ion Ratio Lower Upper

264 100

260 23.3 18.5 27.7

265 21.7 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 45.93 ng

RT: 23.99 min Scan# 3600

Delta R.T. -0.06 min

Lab File: BG020046.D

Acq: 9 Dec 2015 16:41

Instrument :

BNA_G

ClientSampleId :

ELP-1MS

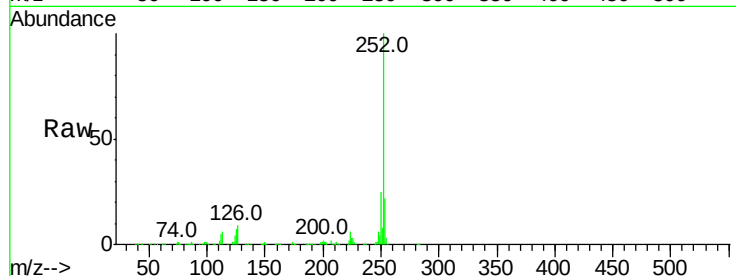
Tot Ion:252 Resp: 477417

Ion Ratio Lower Upper

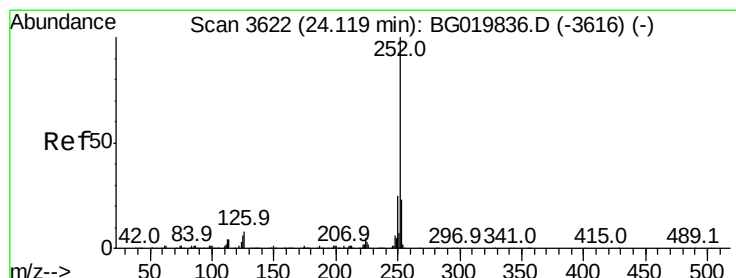
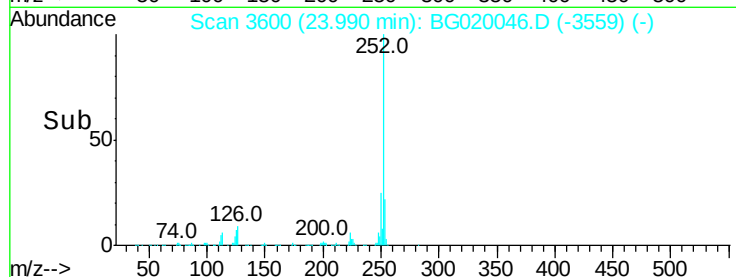
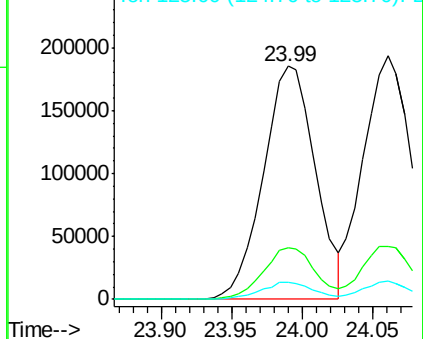
252 100

253 22.0 19.1 28.7

125 7.4 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



#88

Benzo(k)fluoranthene

Concen: 44.41 ng

RT: 24.06 min Scan# 3612

Delta R.T. -0.06 min

Lab File: BG020046.D

Acq: 9 Dec 2015 16:41

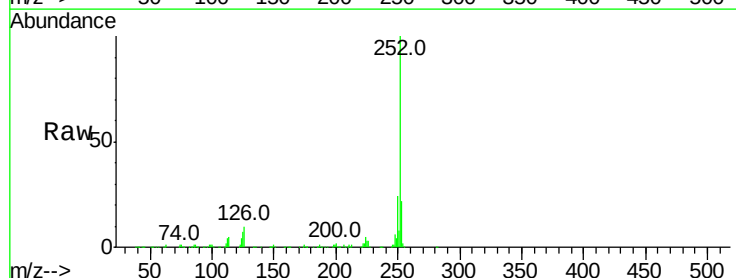
Tgt Ion:252 Resp: 457210

Ion Ratio Lower Upper

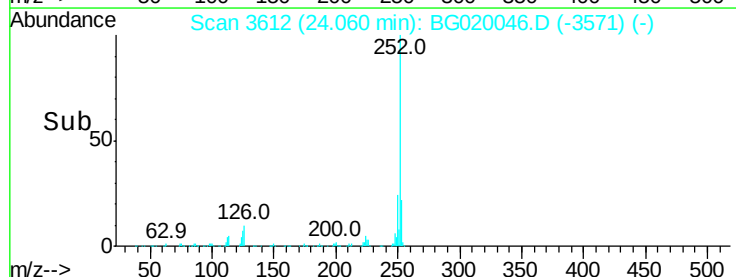
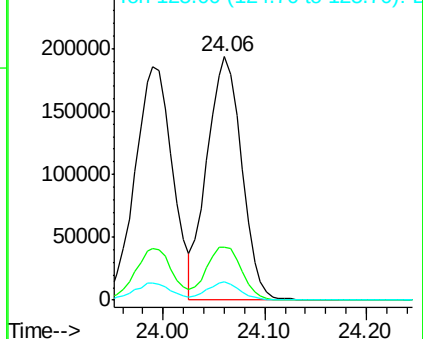
252 100

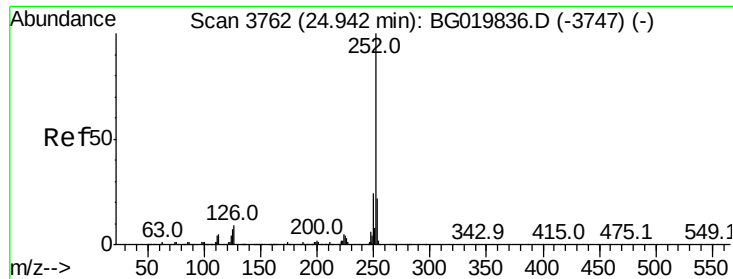
253 21.9 19.0 28.4

125 7.4 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: 46.33 ng

RT: 24.88 min Scan# 3752

Delta R.T. -0.06 min

Lab File: BG020046.D

Acq: 9 Dec 2015 16:41

Instrument :

BNA_G

ClientSampleId :

ELP-1MS

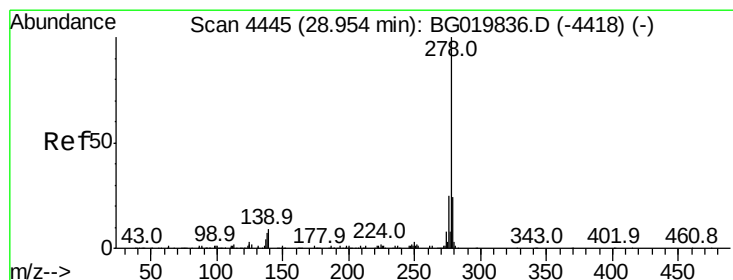
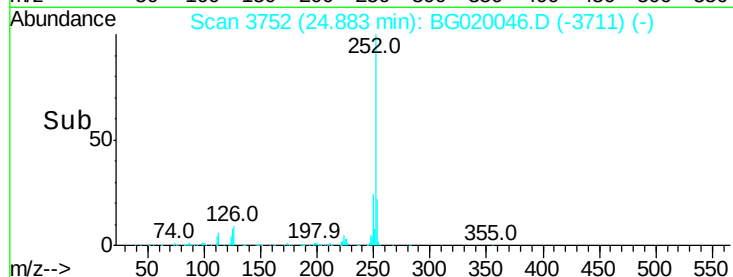
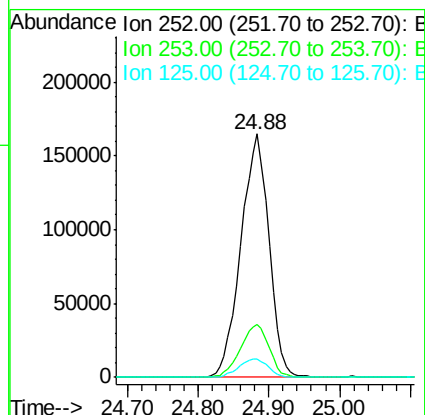
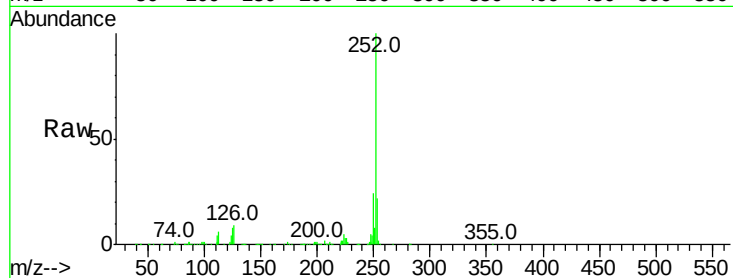
Tot Ion:252 Resp: 457279

Ion Ratio Lower Upper

252 100

253 21.5 18.7 28.1

125 7.7 9.1 13.7#



#90

Dibenzo(a,h)anthracene

Concen: 45.89 ng

RT: 28.84 min Scan# 4426

Delta R.T. -0.11 min

Lab File: BG020046.D

Acq: 9 Dec 2015 16:41

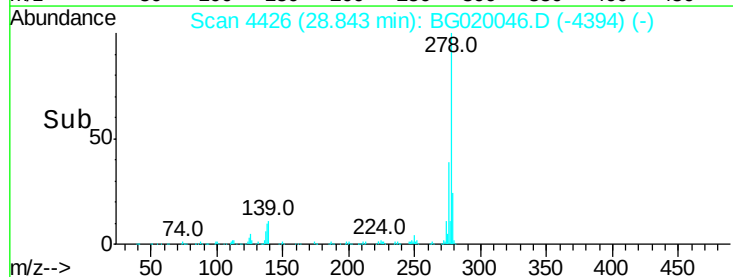
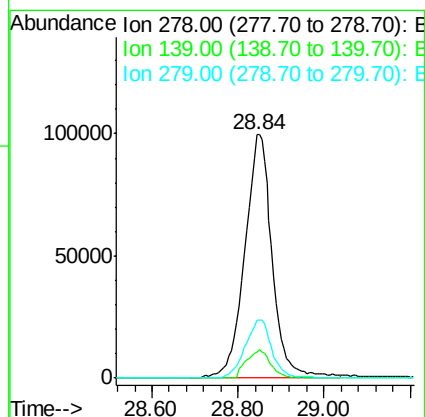
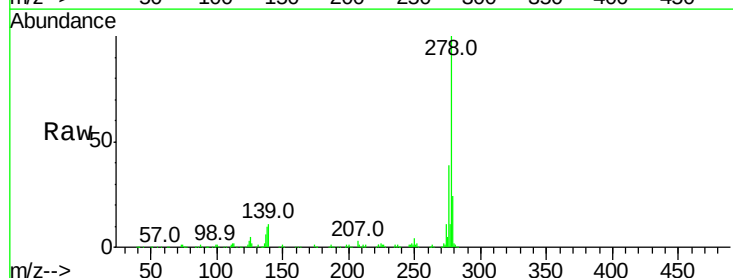
Tgt Ion:278 Resp: 447447

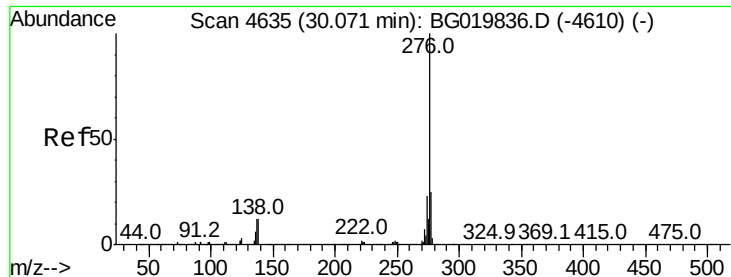
Ion Ratio Lower Upper

278 100

139 10.8 13.8 20.6#

279 23.6 19.4 29.0





#91

Benzo(a,h,i)perylene

Concen: 46.01 ng

RT: 29.96 min Scan# 4616

Delta R.T. -0.11 min

Lab File: BG020046.D

Acq: 9 Dec 2015 16:41

Instrument :

BNA_G

ClientSampleId :

ELP-1MS

Tot Ion:276 Resp: 440467

Ion Ratio Lower Upper

276 100

277 24.6 18.4 27.6

138 13.3 17.4 26.0#

