

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010917\
 Data File : BG025441.D
 Acq On : 9 Jan 2017 22:08
 Operator : UM/SJ
 Sample : I1073-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 L-SWITCH-SP-0-2-COMPMS

Quant Time: Jan 10 00:04:46 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 18:42:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	57952	20.00	ng	-0.01
21) Naphthalene-d8	11.03	136	237943	20.00	ng	-0.01
38) Acenaphthene-d10	14.83	164	191872	20.00	ng	-0.01
63) Phenanthrene-d10	17.57	188	457715	20.00	ng	-0.01
75) Chrysene-d12	21.86	240	637199	20.00	ng	-0.02
86) Perylene-d12	25.26	264	427810	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	462219	144.98	ng	-0.01
7) Phenol-d6	7.36	99	616578	137.32	ng	-0.01
23) Nitrobenzene-d5	9.38	82	503493	93.48	ng	-0.02
41) 2,4,6-Tribromophenol	16.32	330	433895	140.46	ng	-0.01
44) 2-Fluorobiphenyl	13.45	172	1093395	92.26	ng	-0.01
78) Terphenyl-d14	20.15	244	2175996	90.54	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.58	88	49194	36.16	ng	# 55
3) Pyridine	4.01	79	157089	39.84	ng	93
4) n-Nitrosodimethylamine	3.91	42	107278	45.83	ng	99
6) Aniline	7.54	93	25480	4.19	ng	92
8) 2-Chlorophenol	7.76	128	158178	43.98	ng	97
9) Benzaldehyde	7.36	77	13408	4.08	ng	# 76
10) Phenol	7.38	94	201749	40.53	ng	96
11) bis(2-Chloroethyl)ether	7.61	93	159084	41.48	ng	90
12) 1,3-Dichlorobenzene	8.08	146	179943	41.34	ng	92
13) 1,4-Dichlorobenzene	8.23	146	185818	41.20	ng	97
14) 1,2-Dichlorobenzene	8.55	146	178973	41.58	ng	95
15) Benzyl Alcohol	8.45	79	138300	32.26	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.72	45	293504	41.32	ng	97
17) 2-Methylphenol	8.65	107	141813	43.38	ng	91
18) Hexachloroethane	9.28	117	74257	42.87	ng	87
19) n-Nitroso-di-n-propylamine	9.01	70	167563	44.18	ng	95
20) 3+4-Methylphenols	8.98	107	202602	44.78	ng	98
22) Acetophenone	9.04	105	274800	41.57	ng	# 94
24) Nitrobenzene	9.43	77	240582	40.72	ng	96
25) Isophorone	9.94	82	442462	45.37	ng	99
26) 2-Nitrophenol	10.14	139	90871	40.22	ng	95
27) 2,4-Dimethylphenol	10.19	122	169992	45.76	ng	95
28) bis(2-Chloroethoxy)methane	10.42	93	213512	42.16	ng	# 96
29) 2,4-Dichlorophenol	10.69	162	192613	48.45	ng	96
30) 1,2,4-Trichlorobenzene	10.88	180	199336	41.51	ng	94
31) Naphthalene	11.08	128	497580	41.88	ng	98
32) Benzoic acid	10.34	122	92432	30.94	ng	88
34) Hexachlorobutadiene	11.34	225	159220	40.62	ng	95
35) Caprolactam	11.98	113	33742	22.59	ng	# 86
36) 4-Chloro-3-methylphenol	12.31	107	223677	45.59	ng	99
37) 2-Methylnaphthalene	12.67	142	389571	44.24	ng	98
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	276299	43.62	ng	96
40) Hexachlorocyclopentadiene	12.99	237	250652	105.31	ng	91
42) 2,4,6-Trichlorophenol	13.27	196	166651	41.78	ng	92

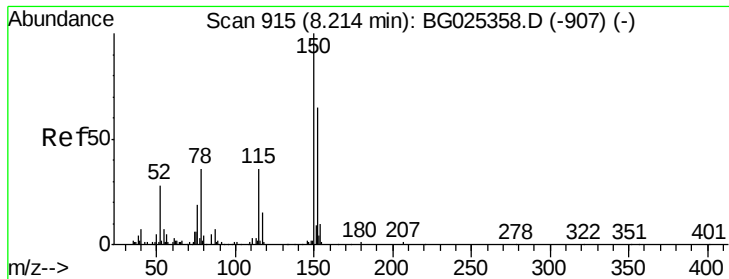
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010917\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.37	196	186947	44.78	ng	90
45) 1,1'-Biphenyl	13.66	154	552689	42.83	ng	93
46) 2-Chloronaphthalene	13.71	162	440894	43.73	ng	98
47) 2-Nitroaniline	13.93	65	165024	38.78	ng	97
48) Acenaphthylene	14.55	152	667782	42.73	ng	99
49) Dimethylphthalate	14.27	163	642677	45.95	ng	96
50) 2,6-Dinitrotoluene	14.41	165	133420	43.66	ng	98
51) Acenaphthene	14.89	154	433306	42.39	ng	99
52) 3-Nitroaniline	14.76	138	7181	2.44	ng #	96
53) 2,4-Dinitrophenol	14.97	184	176284	87.47	ng #	89
54) Dibenzofuran	15.22	168	741870	45.91	ng	97
55) 4-Nitrophenol	15.07	139	181604	82.77	ng #	84
56) 2,4-Dinitrotoluene	15.20	165	198533	44.62	ng #	88
57) Fluorene	15.87	166	593350	43.86	ng	96
58) 2,3,4,6-Tetrachlorophenol	15.46	232	195996	43.82	ng	95
59) Diethylphthalate	15.62	149	646645	44.08	ng	96
60) 4-Chlorophenyl-phenylether	15.85	204	337004	43.96	ng	95
61) 4-Nitroaniline	15.92	138	53992	18.26	ng	88
62) Azobenzene	16.14	77	672369	47.53	ng	99
64) 4,6-Dinitro-2-methylphenol	15.97	198	132704	41.86	ng	80
65) n-Nitrosodiphenylamine	16.07	169	198024	16.01	ng	97
66) 4-Bromophenyl-phenylether	16.74	248	251652	44.56	ng	98
67) Hexachlorobenzene	16.87	284	272373	42.03	ng	90
68) Atrazine	17.01	200	48521	8.95	ng	97
69) Pentachlorophenol	17.23	266	297410	88.53	ng	98
70) Phenanthrene	17.61	178	1042689	44.21	ng	97
71) Anthracene	17.71	178	1066096	44.48	ng	99
72) Carbazole	17.98	167	364626	17.01	ng #	96
73) Di-n-butylphthalate	18.50	149	1154133	43.76	ng	97
74) Fluoranthene	19.61	202	1389464	44.60	ng	95
77) Pyrene	19.98	202	1420193	42.65	ng	96
79) Butylbenzylphthalate	20.82	149	590601	44.17	ng	95
80) Benzo(a)anthracene	21.84	228	1540274	43.34	ng	97
82) Chrysene	21.91	228	1425078	41.81	ng	97
83) Bis(2-ethylhexyl)phthalate	21.69	149	821987	44.17	ng	98
84) Di-n-octyl phthalate	22.94	149	1414747	45.79	ng	97
85) Indeno(1,2,3-cd)pyrene	29.19	276	1682102	38.82	ng	100
87) Benzo(b)fluoranthene	24.17	252	1608648	68.92	ng #	99
88) Benzo(k)fluoranthene	24.24	252	1525369	67.67	ng #	97
89) Benzo(a)pyrene	25.10	252	1299772	57.66	ng	96
90) Dibenzo(a,h)anthracene	29.23	278	1587962	66.46	ng	98
91) Benzo(g,h,i)perylene	30.42	276	1251451	52.71	ng	98

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

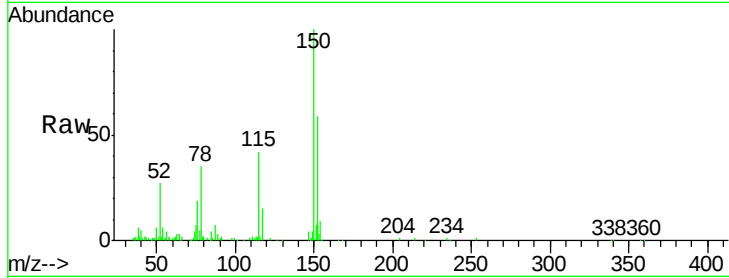


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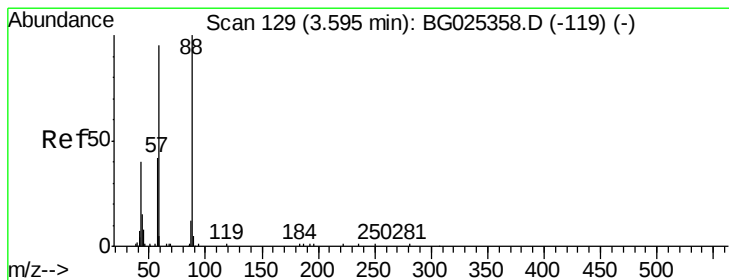
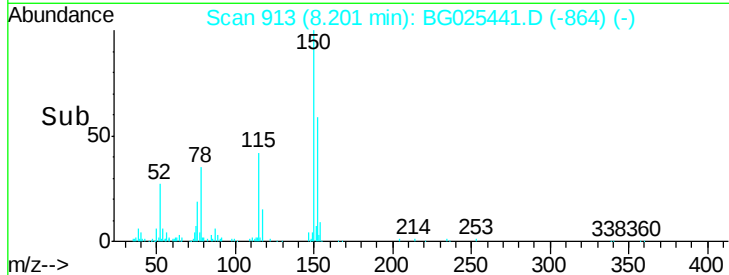
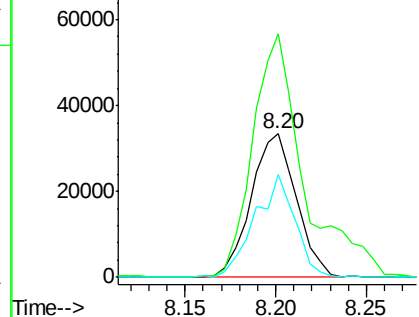
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.20 min Scan# 913
Delta R.T. -0.01 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Instrument :
BNA_G
ClientSampleId :
L-SWITCH-SP-0-2-COMPMS

Tgt Ion:152 Resp: 57952
Ion Ratio Lower Upper
152 100
150 169.9 114.0 171.0
115 71.5 48.1 72.1



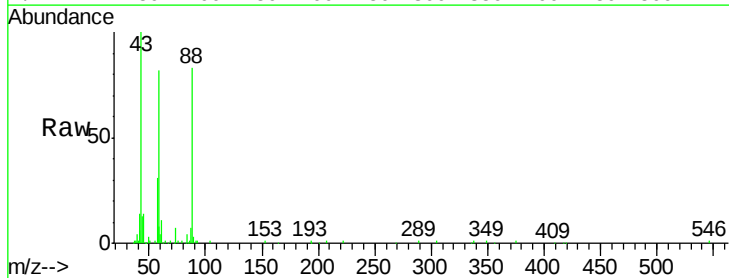
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



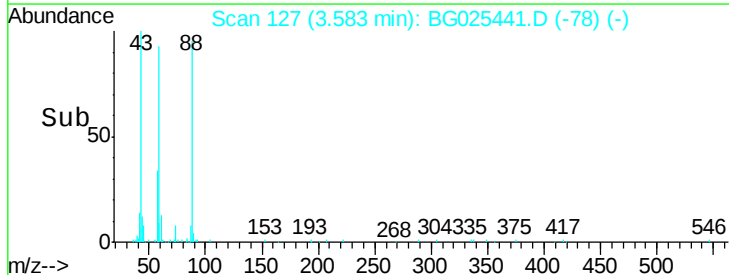
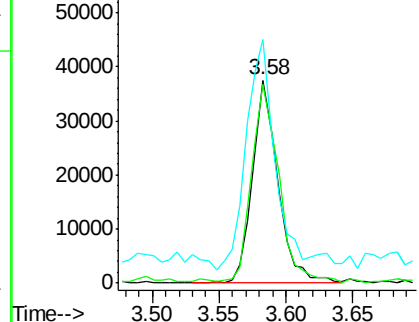
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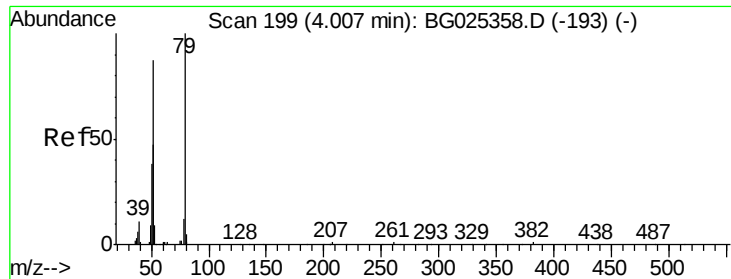
1,4-Dioxane
Concen: 36.16 ng
RT: 3.58 min Scan# 127
Delta R.T. -0.01 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Tgt Ion: 88 Resp: 49194
Ion Ratio Lower Upper
88 100
58 105.4 79.4 119.2
43 128.1 33.8 50.6#



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

Pyridine

Concen: 39.84 ng

RT: 4.01 min Scan# 199

Delta R.T. -0.00 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

Instrument :

BNA_G

ClientSampleId :

L-SWITCH-SP-0-2-COMPMS

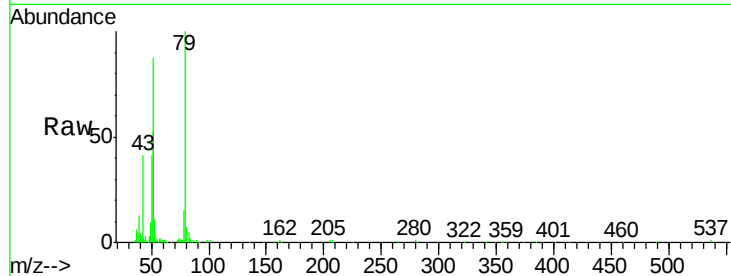
Tgt Ion: 79 Resp: 157089

Ion Ratio Lower Upper

79 100

52 87.2 77.8 116.6

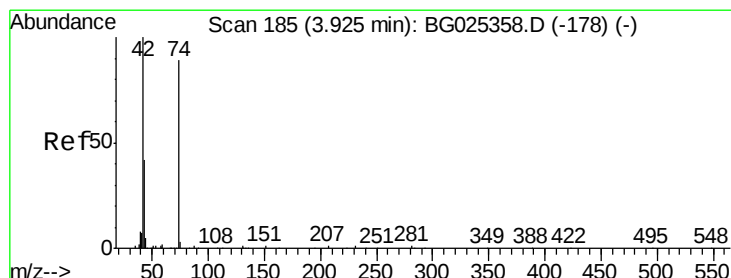
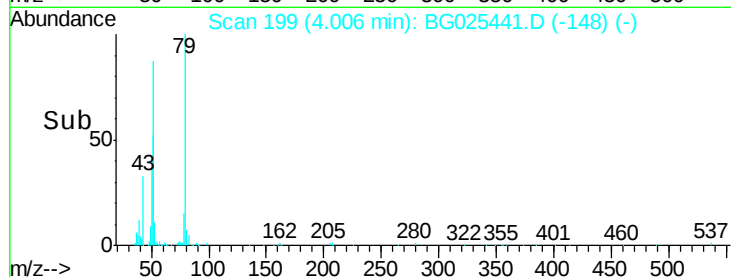
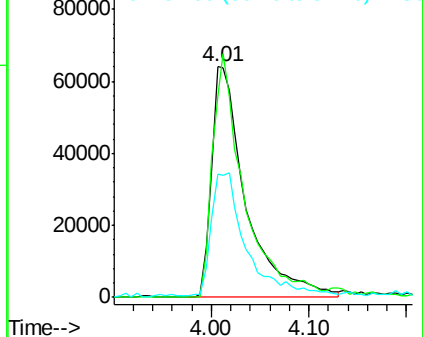
51 53.3 43.2 64.8



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 45.83 ng

RT: 3.91 min Scan# 183

Delta R.T. -0.01 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

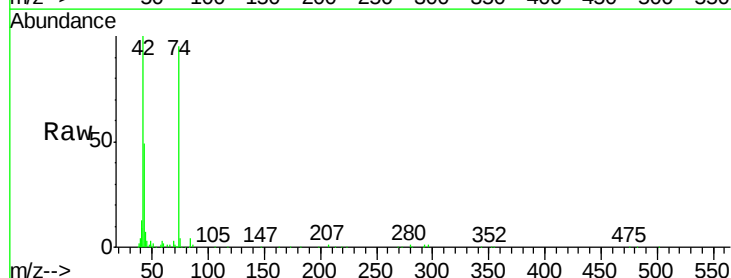
Tgt Ion: 42 Resp: 107278

Ion Ratio Lower Upper

42 100

74 95.3 76.7 115.1

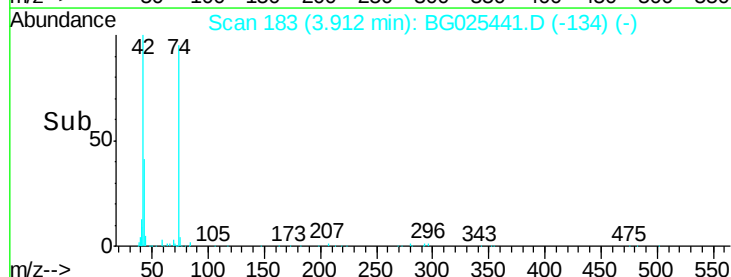
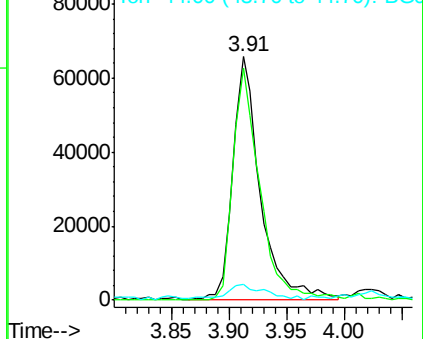
44 6.7 6.1 9.1

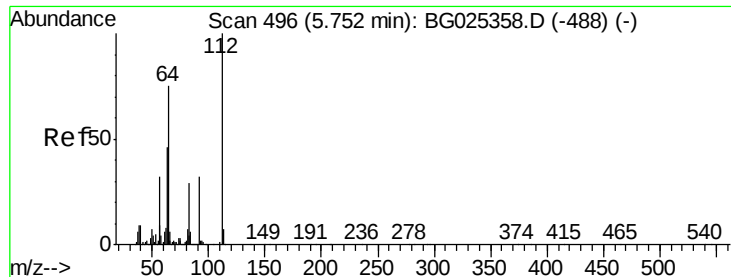


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 144.98 ng

RT: 5.74 min Scan# 494

Delta R.T. -0.01 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

Instrument :

BNA_G

ClientSampleId :

L-SWITCH-SP-0-2-COMPMS

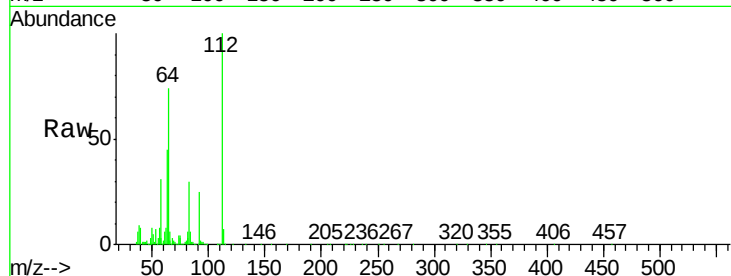
Tgt Ion: 112 Resp: 462219

Ion Ratio Lower Upper

112 100

64 74.2 61.8 92.6

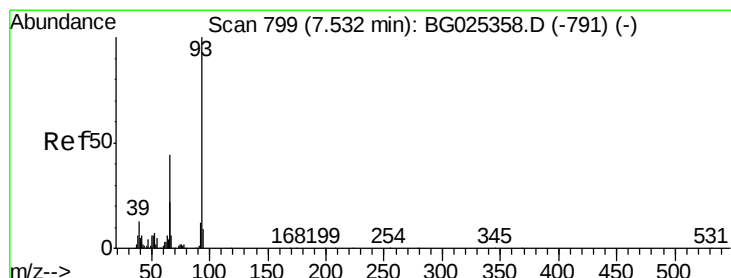
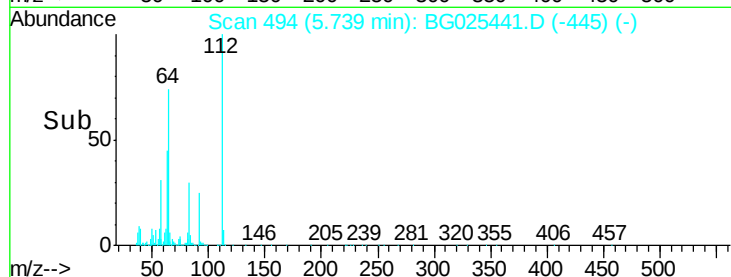
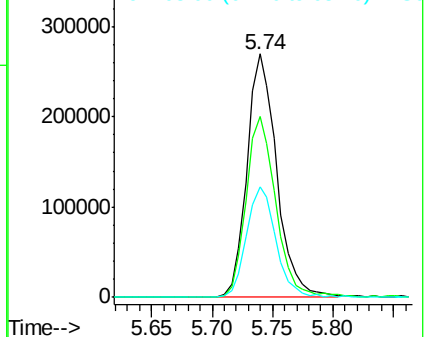
63 45.2 37.2 55.8



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: 4.19 ng

RT: 7.54 min Scan# 800

Delta R.T. 0.01 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

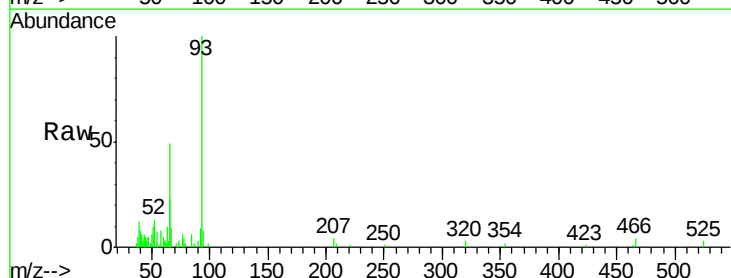
Tgt Ion: 93 Resp: 25480

Ion Ratio Lower Upper

93 100

66 49.3 35.4 53.2

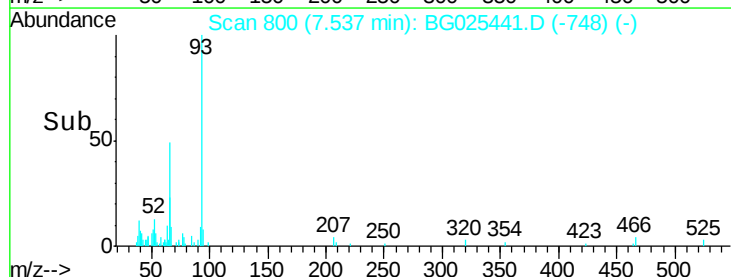
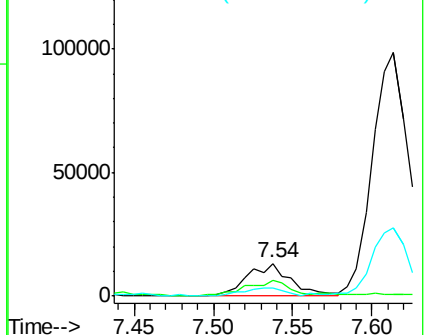
65 22.6 21.2 31.8

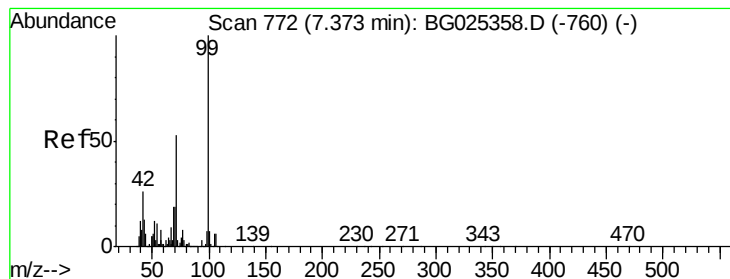


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 137.32 ng

RT: 7.36 min Scan# 770

Delta R.T. -0.01 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

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ClientSampleId :

L-SWITCH-SP-0-2-COMPMS

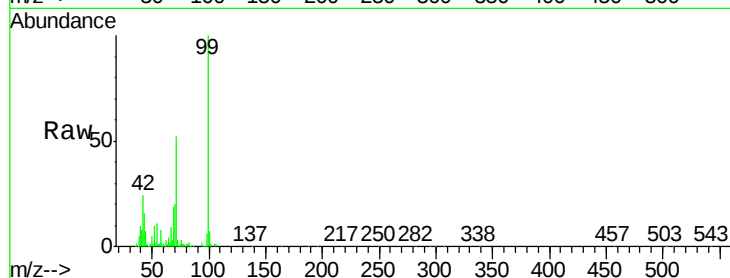
Tgt Ion: 99 Resp: 616578

Ion Ratio Lower Upper

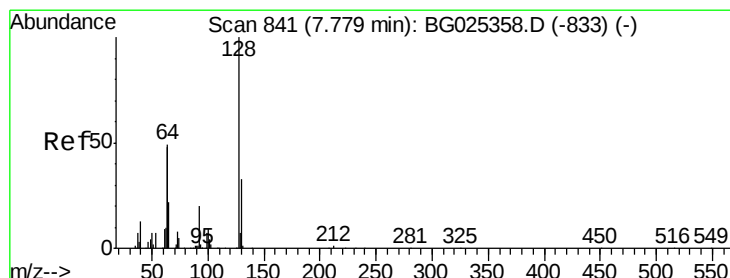
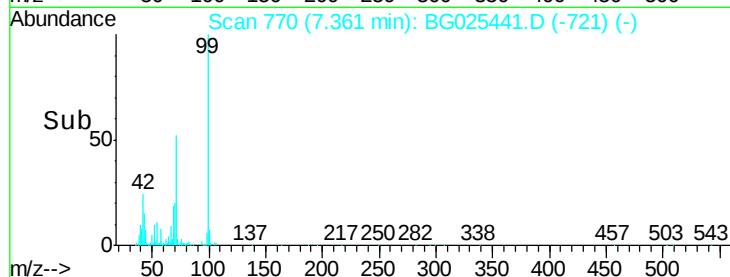
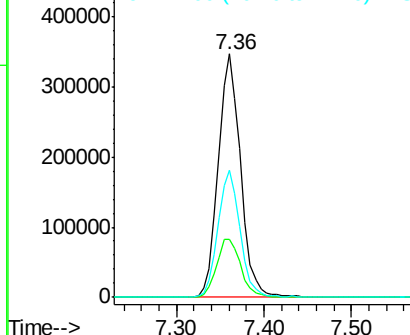
99 100

42 23.8 20.5 30.7

71 52.1 37.6 56.4



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: 43.98 ng

RT: 7.76 min Scan# 838

Delta R.T. -0.02 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

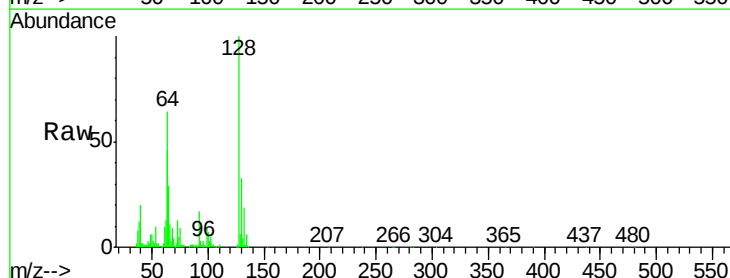
Tgt Ion: 128 Resp: 158178

Ion Ratio Lower Upper

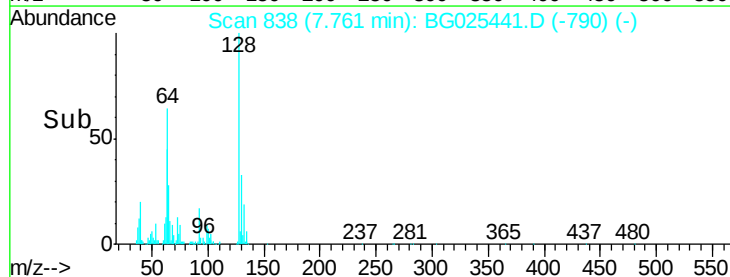
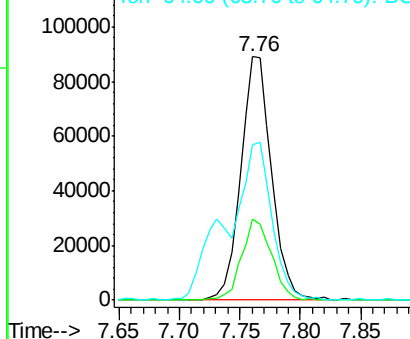
128 100

130 33.1 11.4 51.4

64 64.0 46.6 86.6



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: 4.08 ng

RT: 7.36 min Scan# 769

Delta R.T. -0.00 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

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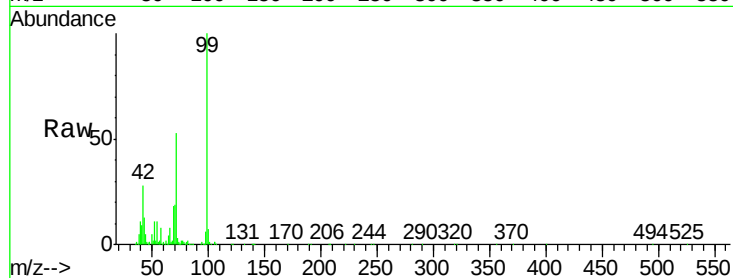
Tgt Ion: 77 Resp: 13408

Ion Ratio Lower Upper

77 100

105 59.3 60.9 100.9#

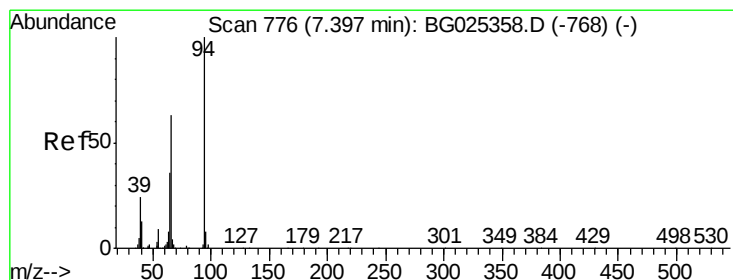
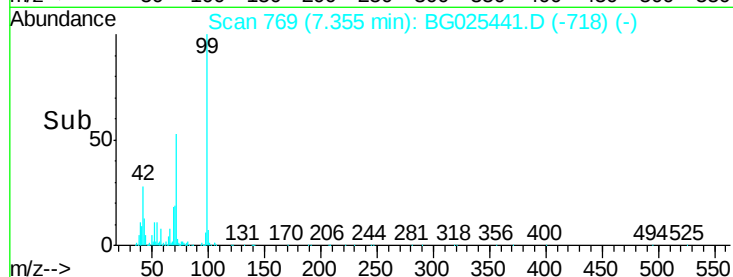
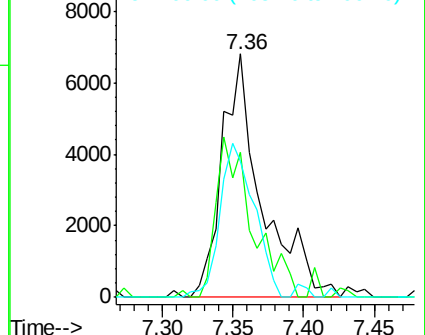
106 55.7 55.1 95.1



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: 40.53 ng

RT: 7.38 min Scan# 774

Delta R.T. -0.01 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

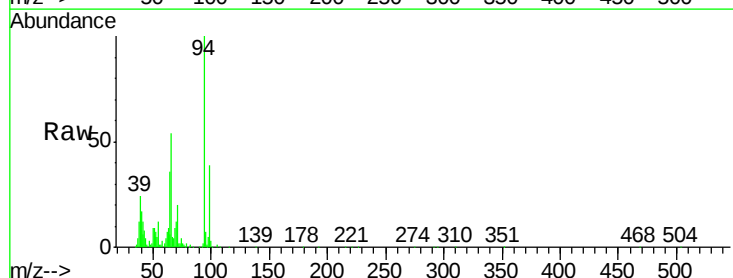
Tgt Ion: 94 Resp: 201749

Ion Ratio Lower Upper

94 100

65 36.1 20.6 60.6

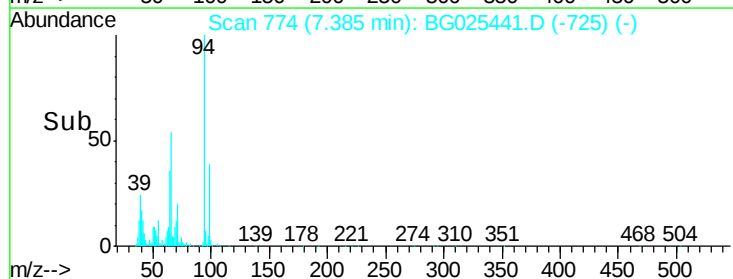
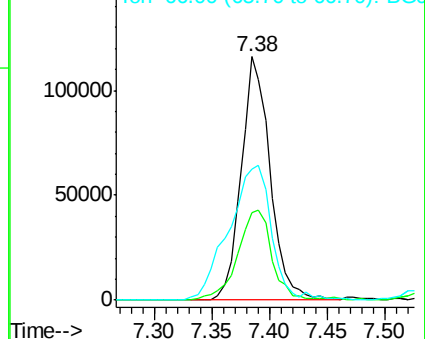
66 54.0 35.5 75.5

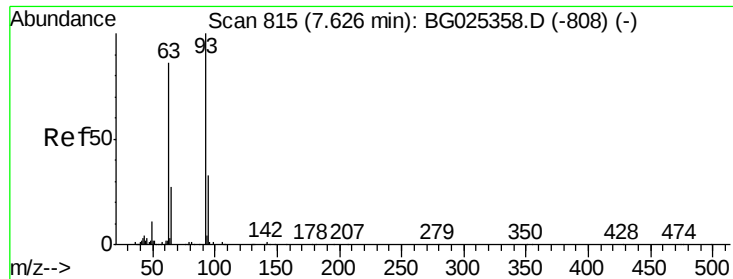


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 41.48 ng

RT: 7.61 min Scan# 813

Delta R.T. -0.01 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

Instrument :

BNA_G

ClientSampleId :

L-SWITCH-SP-0-2-COMPMS

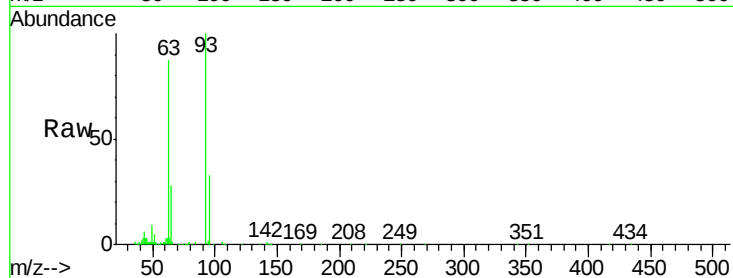
Tgt Ion: 93 Resp: 159084

Ion Ratio Lower Upper

93 100

63 86.8 78.5 118.5

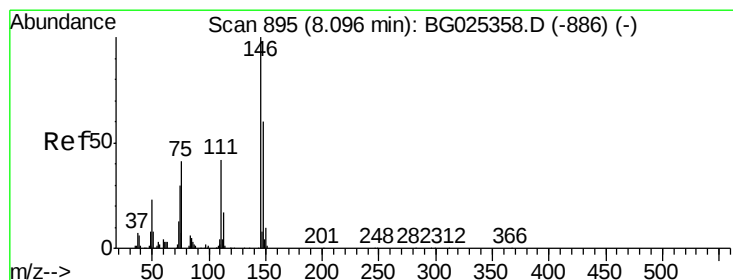
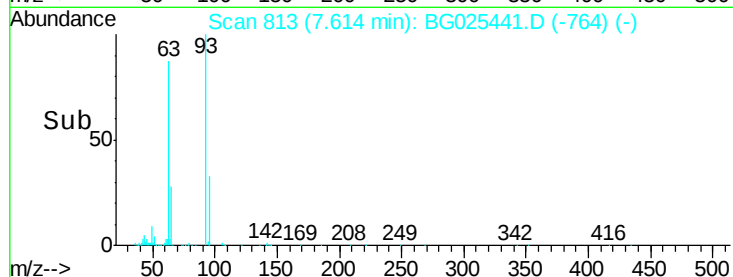
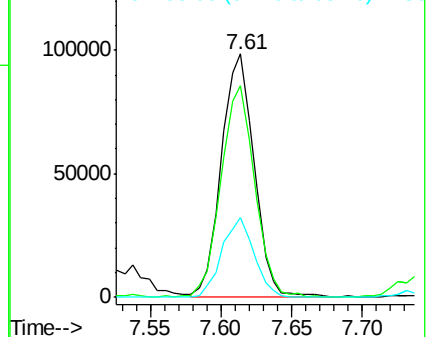
95 32.6 9.8 49.8



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 41.34 ng

RT: 8.08 min Scan# 893

Delta R.T. -0.01 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

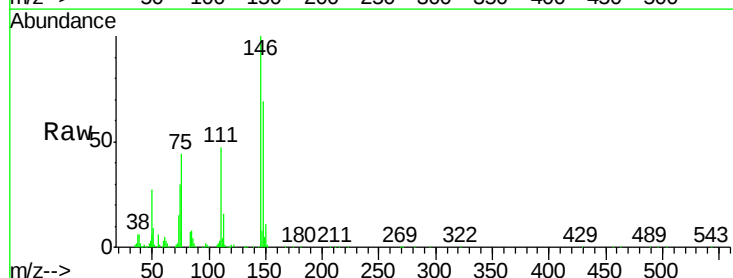
Tgt Ion: 146 Resp: 179943

Ion Ratio Lower Upper

146 100

148 69.3 49.2 73.8

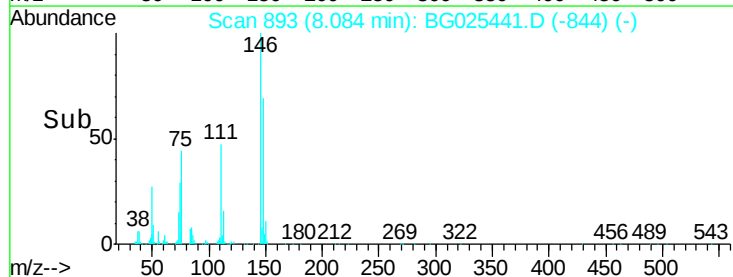
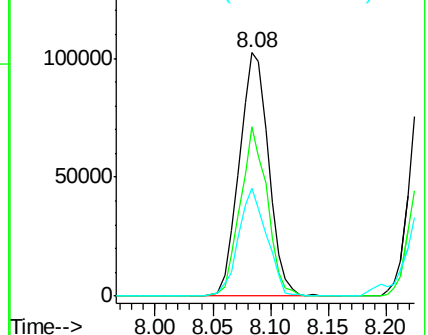
75 44.2 33.4 50.2

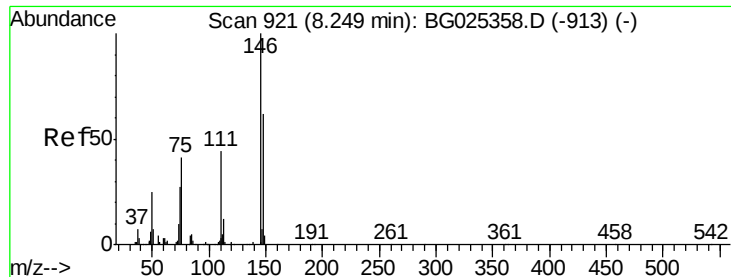


Abundance Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC

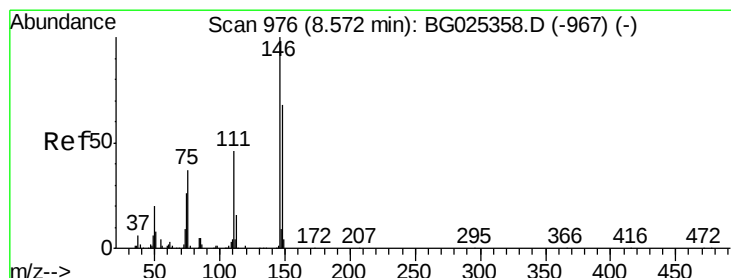
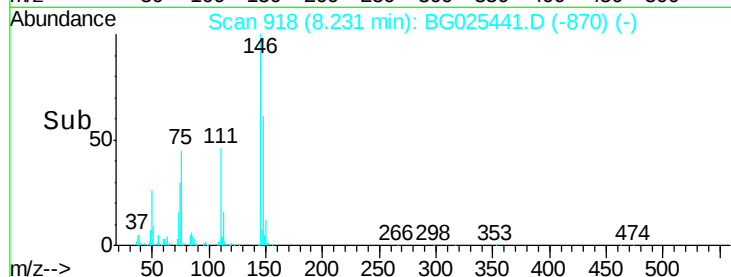
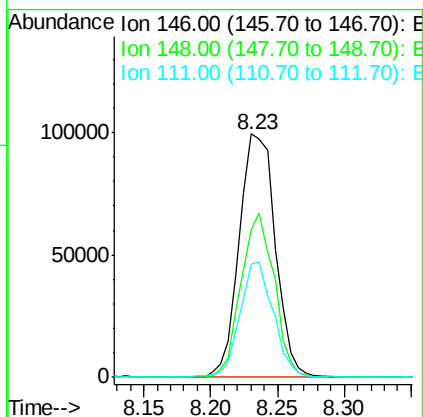
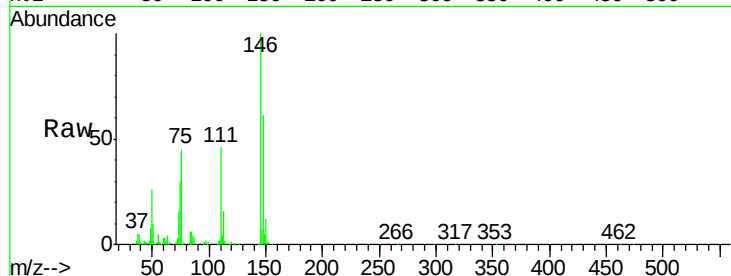




#13
1,4-Dichlorobenzene
Concen: 41.20 ng
RT: 8.23 min Scan# 918
Delta R.T. -0.02 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

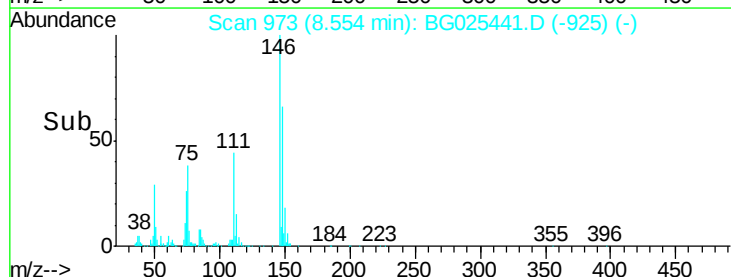
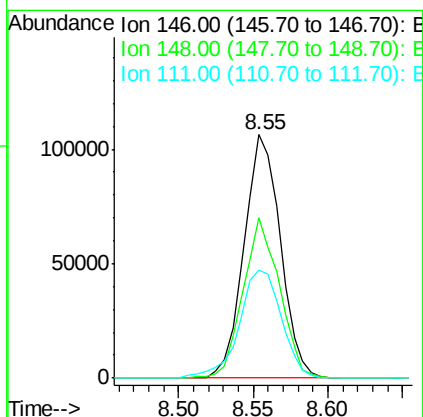
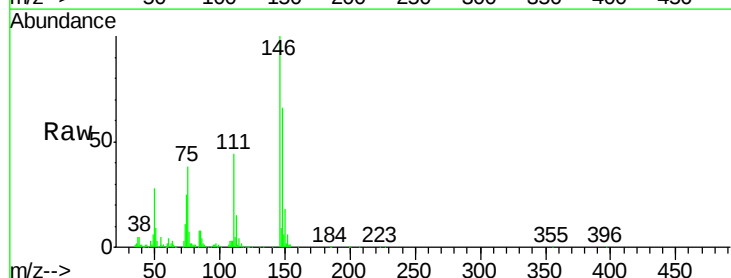
Instrument :
BNA_G
ClientSampleId :
L-SWITCH-SP-0-2-COMPMS

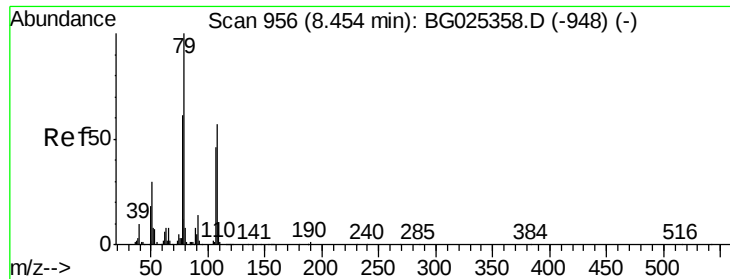
Tgt Ion:146 Resp: 185818
Ion Ratio Lower Upper
146 100
148 60.7 52.2 78.2
111 46.4 37.0 55.6



#14
1,2-Dichlorobenzene
Concen: 41.58 ng
RT: 8.55 min Scan# 973
Delta R.T. -0.02 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Tgt Ion:146 Resp: 178973
Ion Ratio Lower Upper
146 100
148 65.9 54.6 81.8
111 44.4 39.7 59.5





#15

Benzyl Alcohol

Concen: 32.26 ng

RT: 8.45 min Scan# 955

Delta R.T. -0.01 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

Instrument :

BNA_G

ClientSampleId :

L-SWITCH-SP-0-2-COMPMS

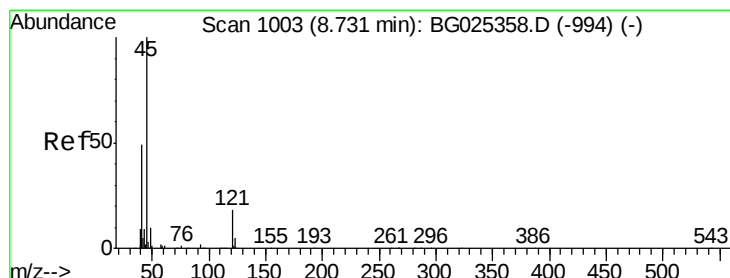
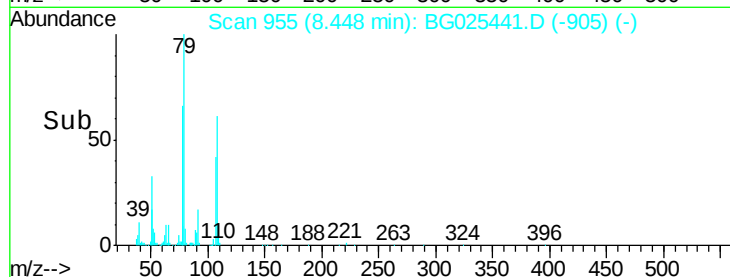
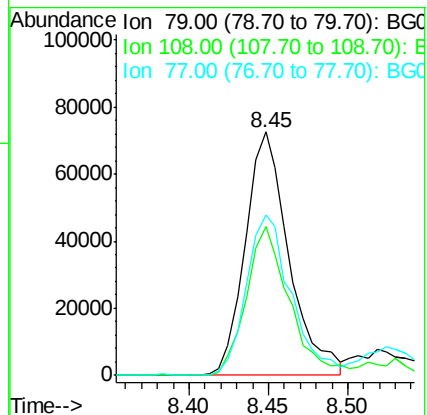
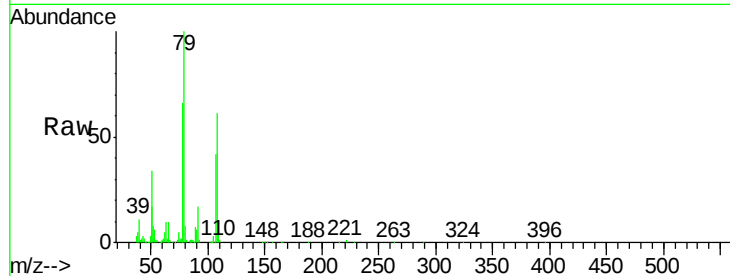
Tgt Ion: 79 Resp: 138300

Ion Ratio Lower Upper

79 100

108 61.1 45.5 68.3

77 65.8 54.3 81.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.32 ng

RT: 8.72 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

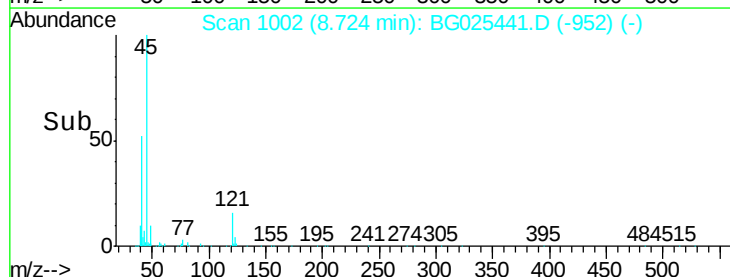
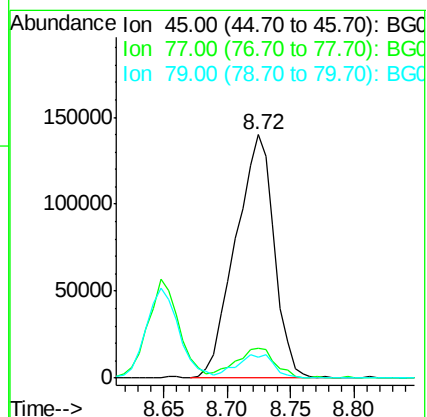
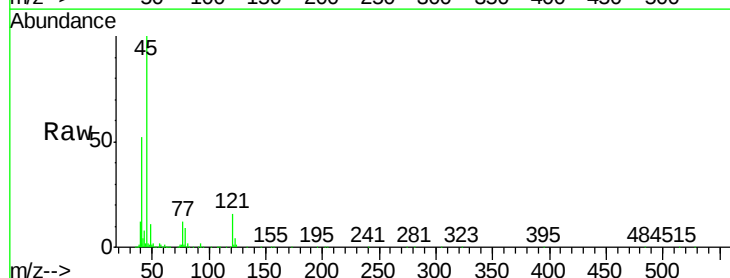
Tgt Ion: 45 Resp: 293504

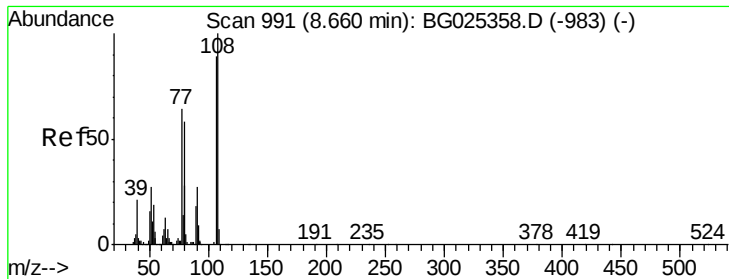
Ion Ratio Lower Upper

45 100

77 12.2 0.0 30.6

79 8.8 0.0 28.5

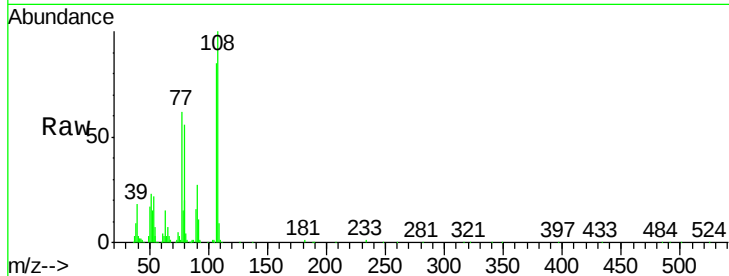




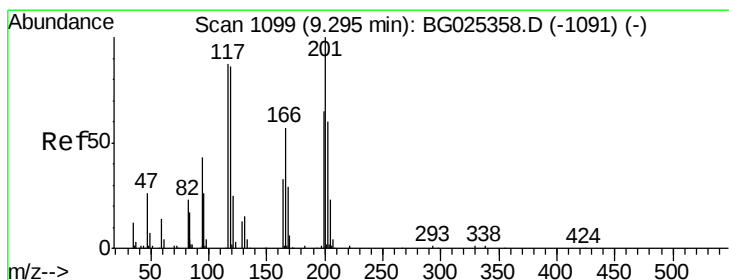
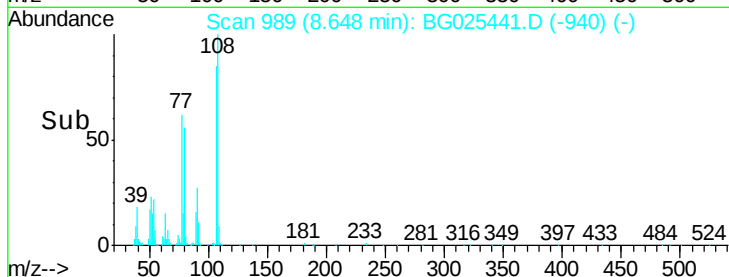
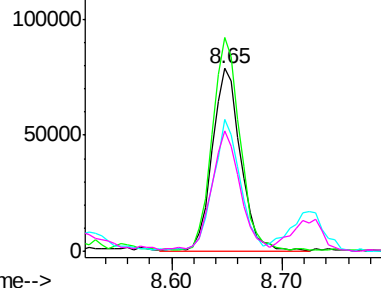
#17
2-Methylphenol
Concen: 43.38 ng
RT: 8.65 min Scan# 989
Delta R.T. -0.01 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Instrument :
BNA_G
ClientSampleId :
L-SWITCH-SP-0-2-COMPMS

Tgt Ion:	107	Resp:	141813
Ion	Ratio	Lower	Upper
107	100		
108	117.0	85.6	128.4
77	72.6	51.4	77.2
79	66.0	49.2	73.8

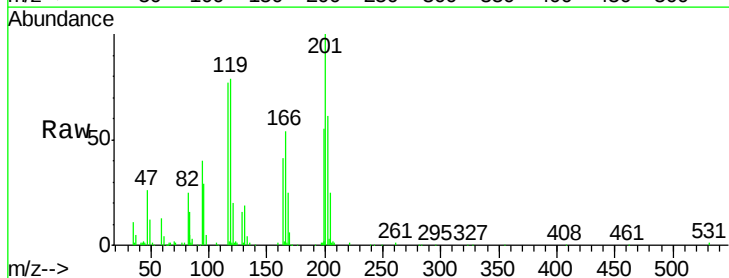


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGO
Ion 79.00 (78.70 to 79.70): BGO

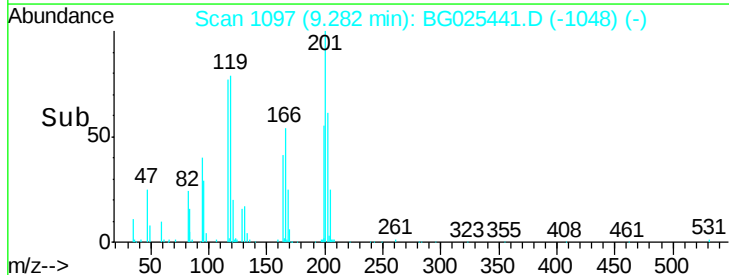
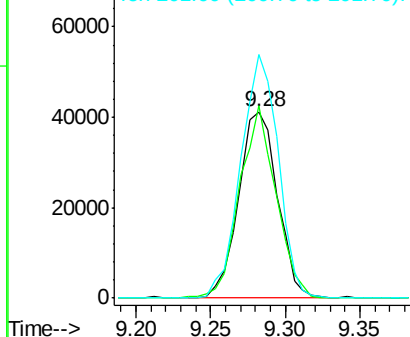


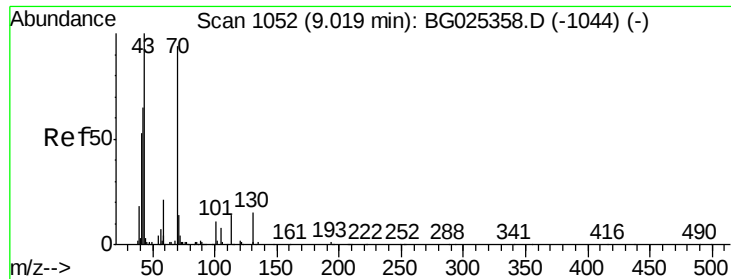
#18
Hexachloroethane
Concen: 42.87 ng
RT: 9.28 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Tgt Ion:	117	Resp:	74257
Ion	Ratio	Lower	Upper
117	100		
119	103.4	69.8	104.6
201	130.6	95.4	143.0



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: 44.18 ng

RT: 9.01 min Scan# 1050

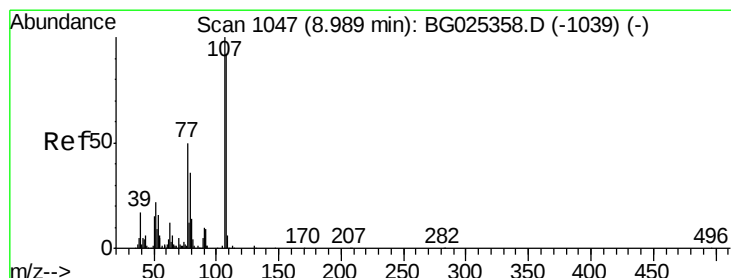
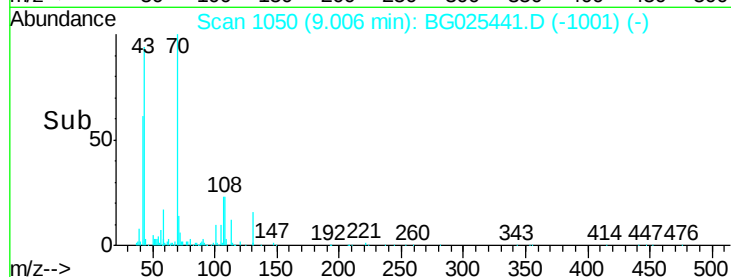
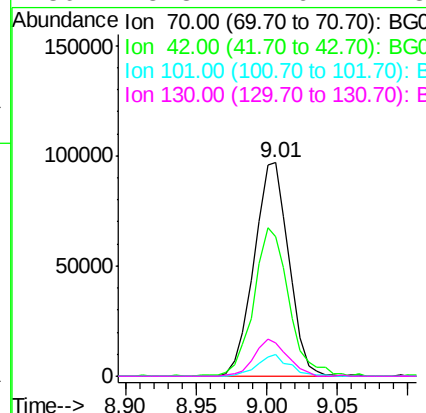
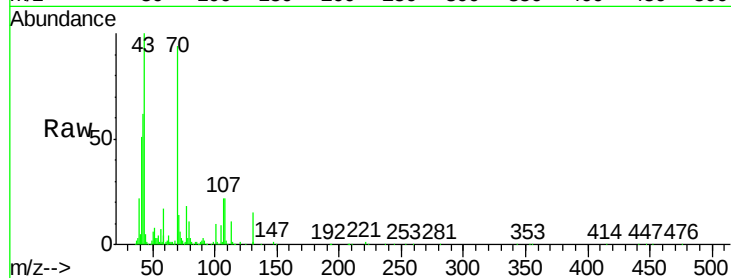
Delta R.T. -0.01 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

Instrument :
BNA_G
ClientSampleId :
L-SWITCH-SP-0-2-COMPMS

Tgt Ion:	70	Resp:	167563
Ion	Ratio	Lower	Upper
70	100		
42	65.6	56.1	84.1
101	10.3	7.5	11.3
130	15.8	14.6	21.8



#20

3+4-Methylphenols

Concen: 44.78 ng

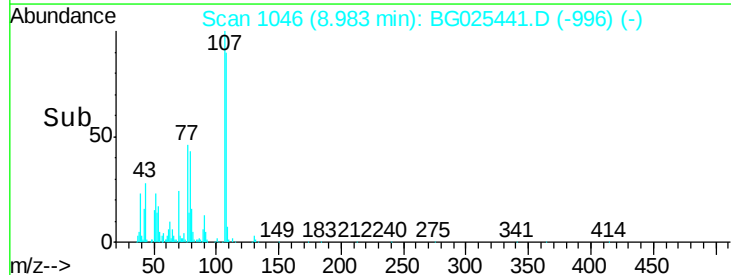
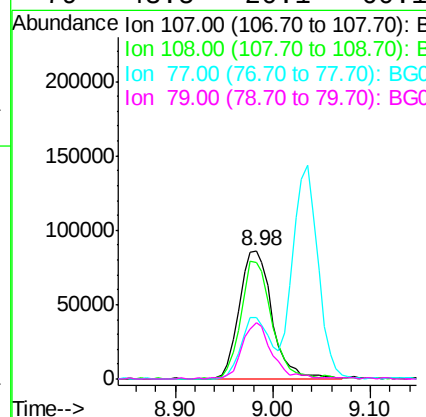
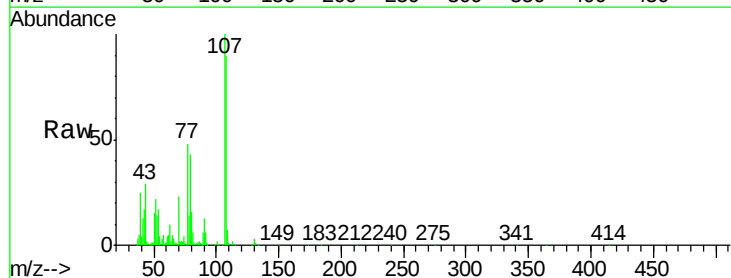
RT: 8.98 min Scan# 1046

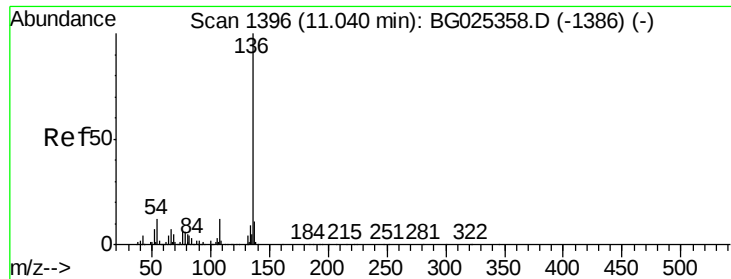
Delta R.T. -0.01 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

Tgt Ion:	107	Resp:	202602
Ion	Ratio	Lower	Upper
107	100		
108	90.2	70.8	110.8
77	47.9	25.8	65.8
79	43.5	20.1	60.1

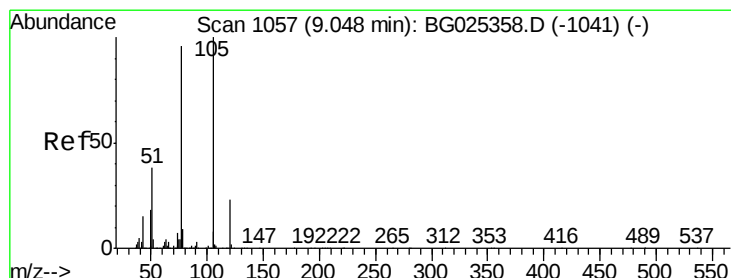
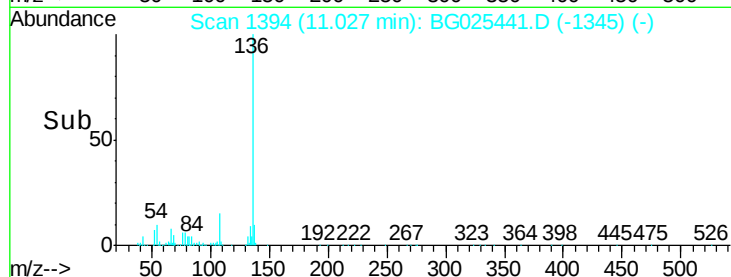
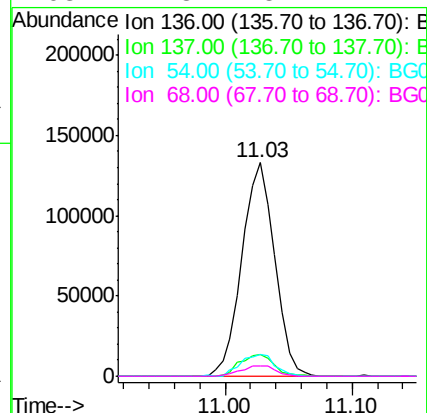
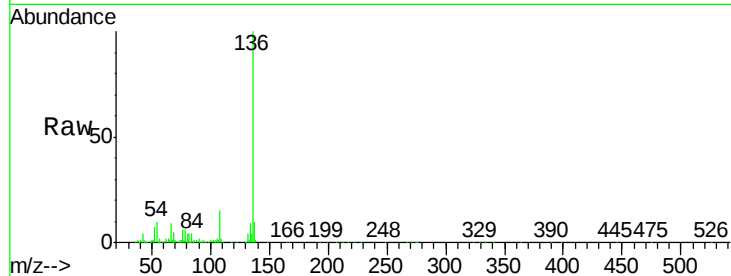




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

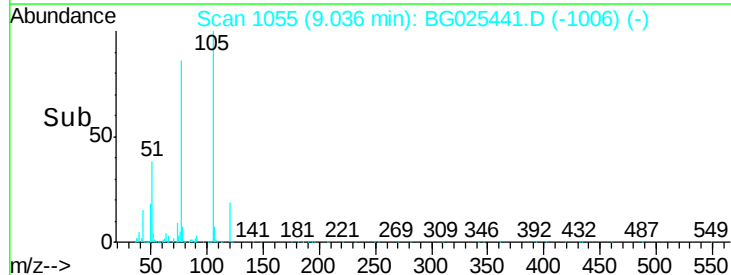
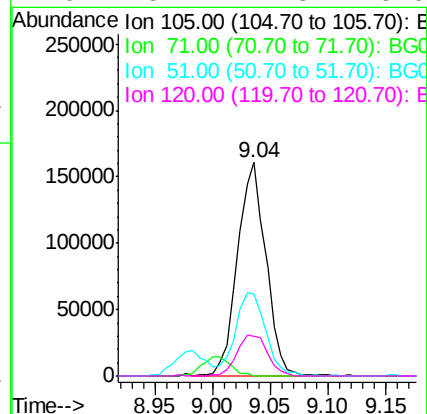
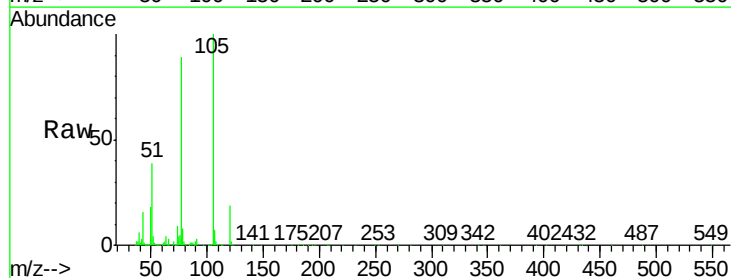
Instrument :
BNA_G
ClientSampleId :
L-SWITCH-SP-0-2-COMPMS

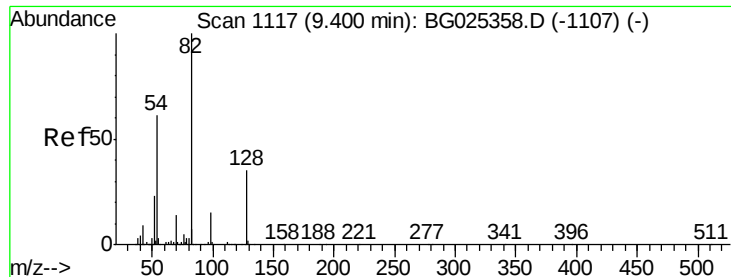
Tgt Ion:	136	Resp:	237943
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	10.4	9.3	13.9
68	4.8	5.1	7.7#



#22
Acetophenone
Concen: 41.57 ng
RT: 9.04 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Tgt Ion:	105	Resp:	274800
Ion	Ratio	Lower	Upper
105	100		
71	0.3	0.9	1.3#
51	38.6	34.0	51.0
120	18.7	17.3	25.9

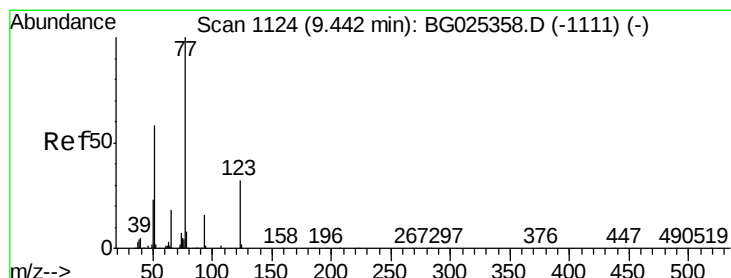
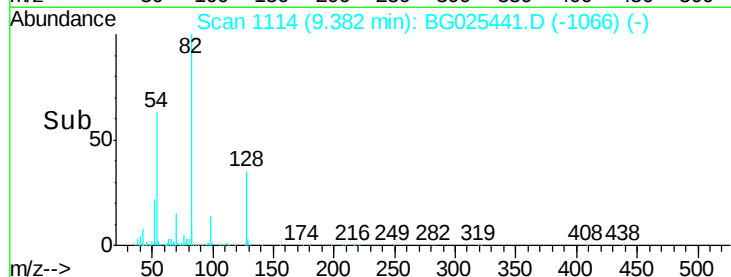
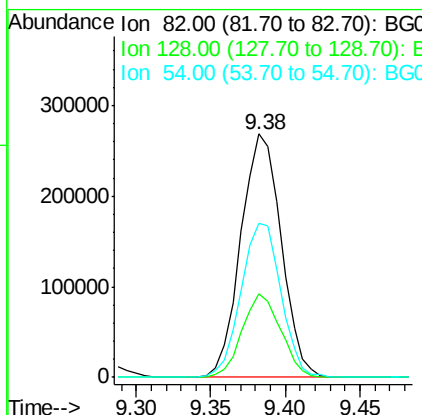
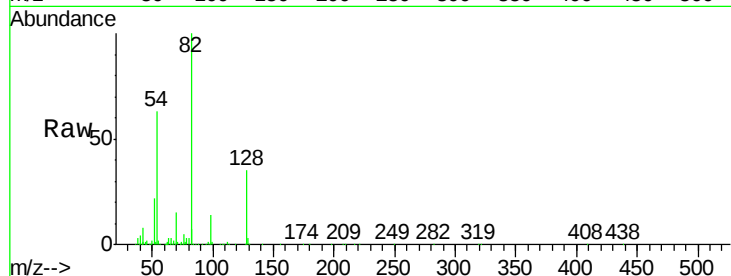




#23
 Nitrobenzene-d5
 Concen: 93.48 ng
 RT: 9.38 min Scan# 1114
 Delta R.T. -0.02 min
 Lab File: BG025441.D
 Acq: 9 Jan 2017 22:08

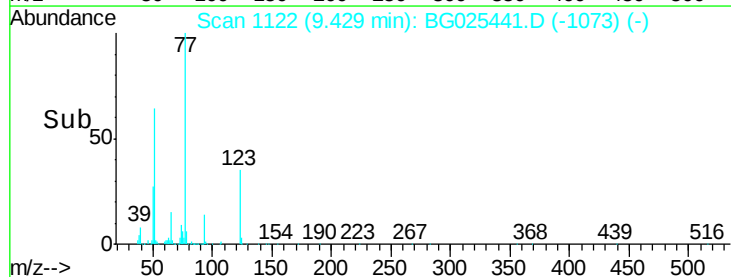
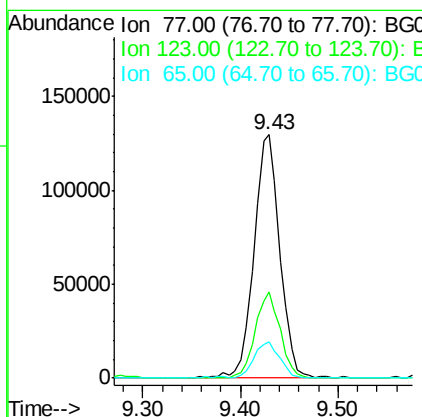
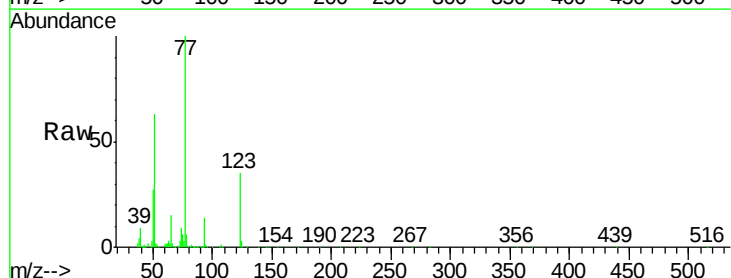
Instrument :
 BNA_G
 ClientSampleId :
 L-SWITCH-SP-0-2-COMPMS

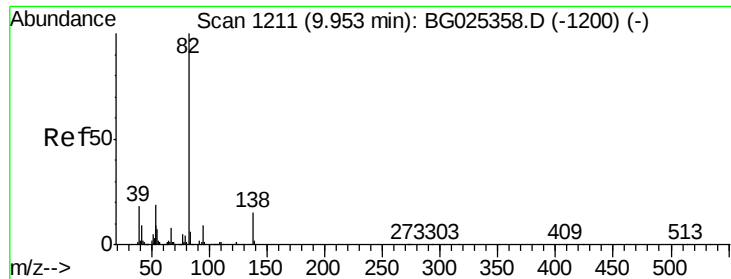
Tgt Ion: 82 Resp: 503493
 Ion Ratio Lower Upper
 82 100
 128 34.6 26.4 39.6
 54 63.4 49.4 74.2



#24
 Nitrobenzene
 Concen: 40.72 ng
 RT: 9.43 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BG025441.D
 Acq: 9 Jan 2017 22:08

Tgt Ion: 77 Resp: 240582
 Ion Ratio Lower Upper
 77 100
 123 35.3 26.1 39.1
 65 14.8 12.4 18.6





#25

Isophorone

Concen: 45.37 ng

RT: 9.94 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

Instrument :

BNA_G

ClientSampleId :

L-SWITCH-SP-0-2-COMPMS

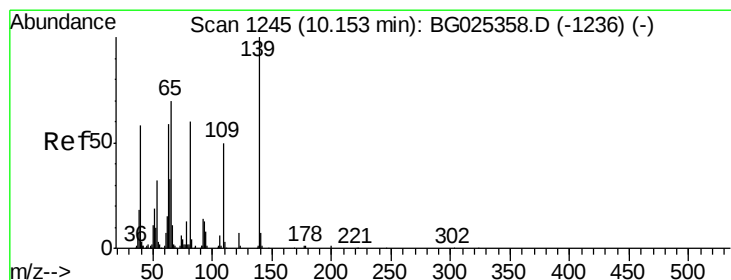
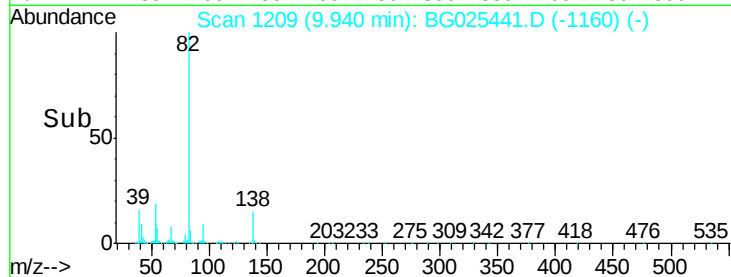
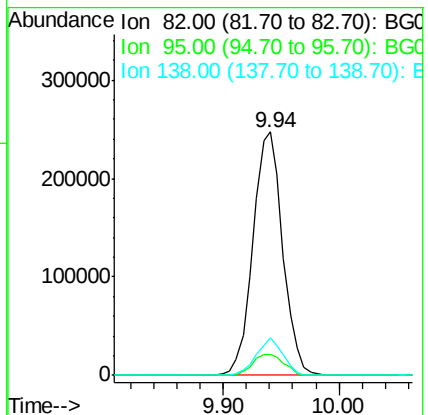
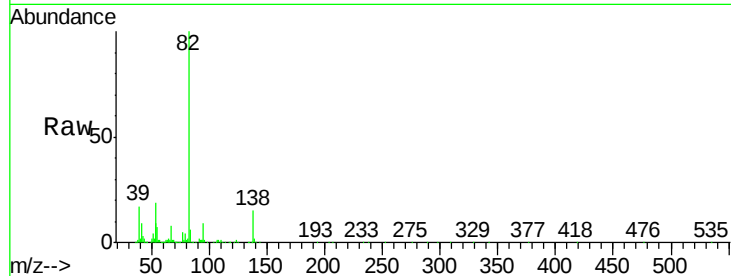
Tgt Ion: 82 Resp: 442462

Ion Ratio Lower Upper

82 100

95 8.7 7.5 11.3

138 15.3 12.3 18.5



#26

2-Nitrophenol

Concen: 40.22 ng

RT: 10.14 min Scan# 1243

Delta R.T. -0.01 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

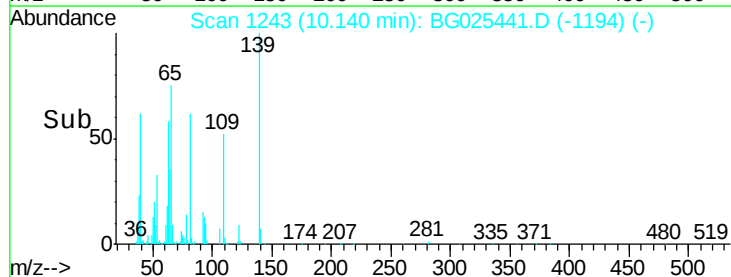
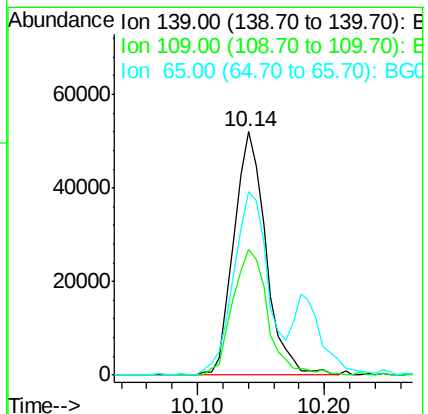
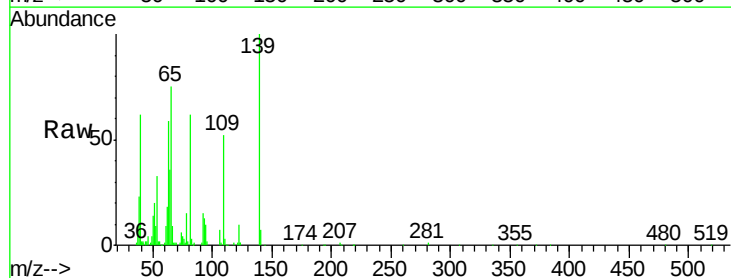
Tgt Ion: 139 Resp: 90871

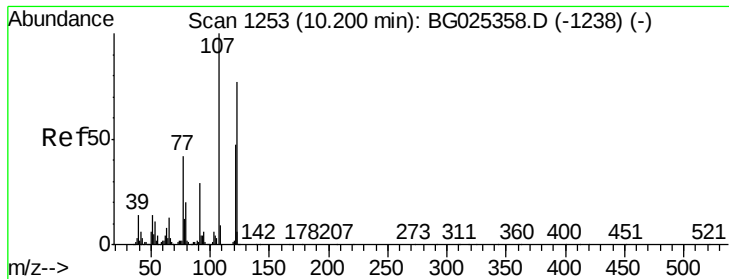
Ion Ratio Lower Upper

139 100

109 51.9 38.6 58.0

65 75.4 57.1 85.7

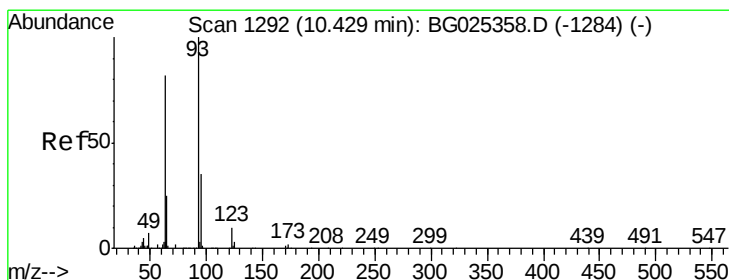
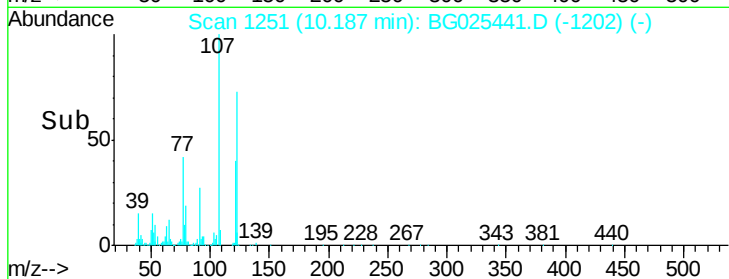
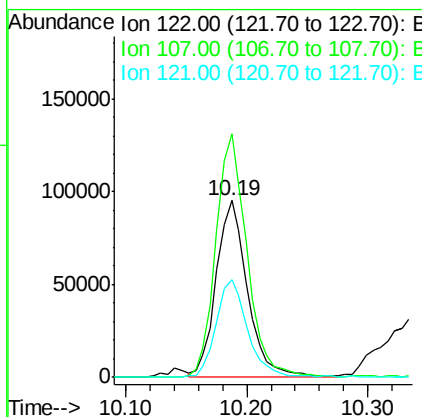
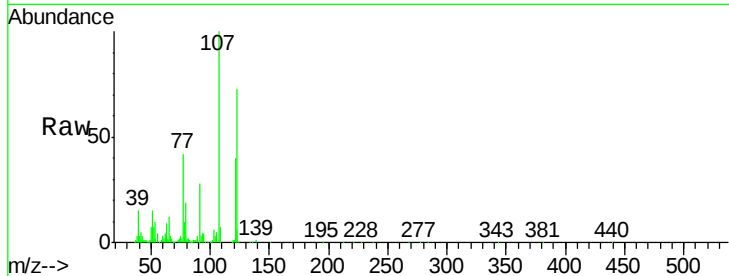




#27
 2,4-Dimethylphenol
 Concen: 45.76 ng
 RT: 10.19 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: BG025441.D
 Acq: 9 Jan 2017 22:08

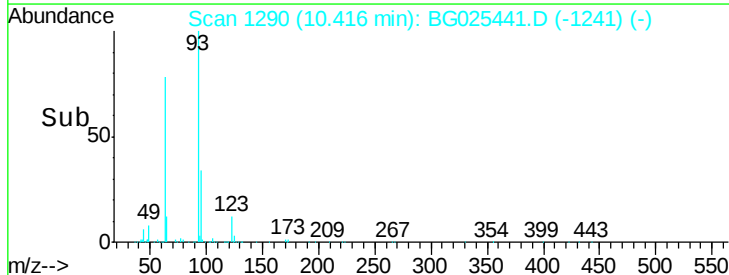
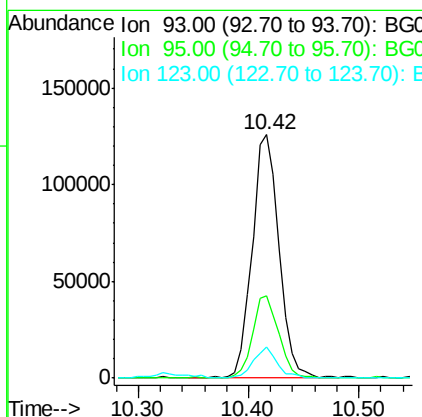
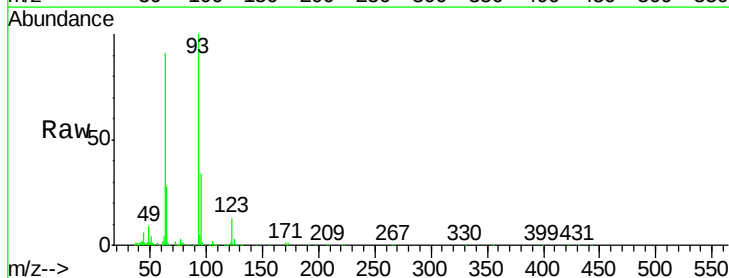
Instrument :
 BNA_G
 ClientSampleId :
 L-SWITCH-SP-0-2-COMPMS

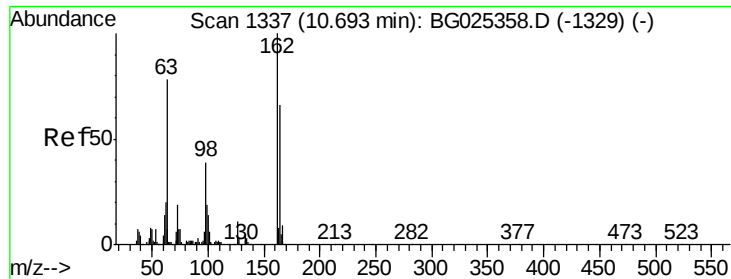
Tgt Ion	Ratio	Lower	Upper
122	100		
107	137.8	104.2	156.4
121	55.3	46.0	69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.16 ng
 RT: 10.42 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BG025441.D
 Acq: 9 Jan 2017 22:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	25.7	38.5
123	12.7	8.3	12.5#

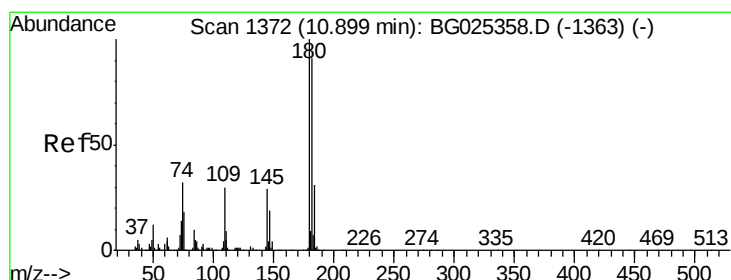
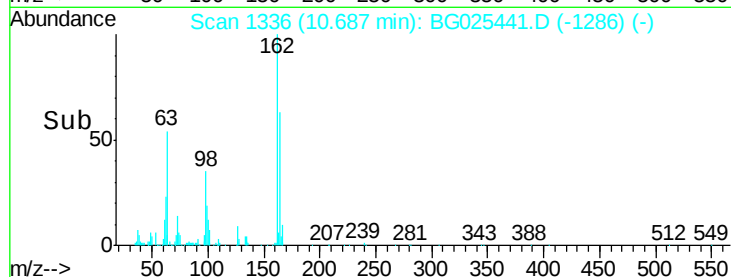
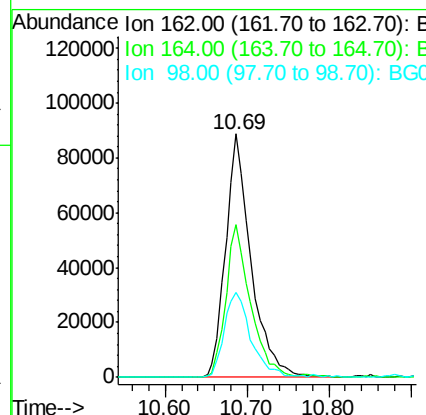
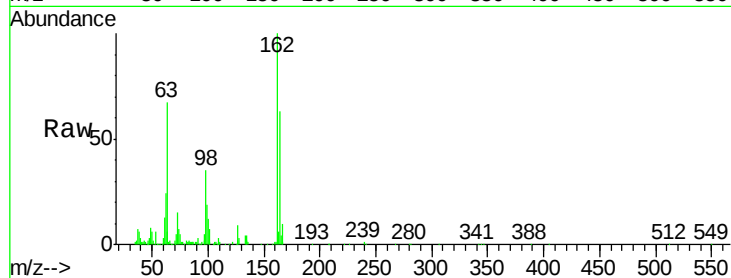




#29
2,4-Dichlorophenol
Concen: 48.45 ng
RT: 10.69 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

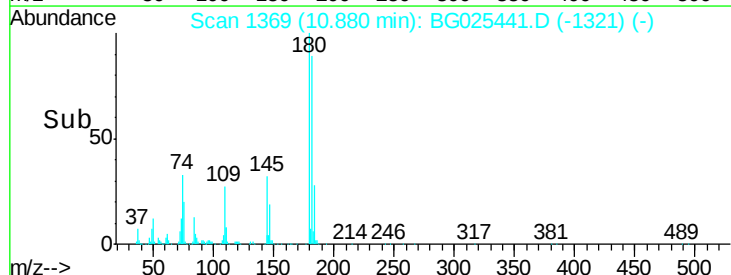
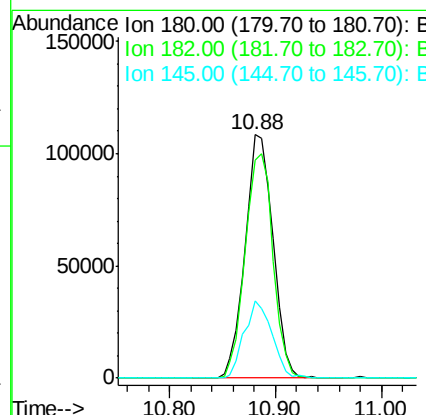
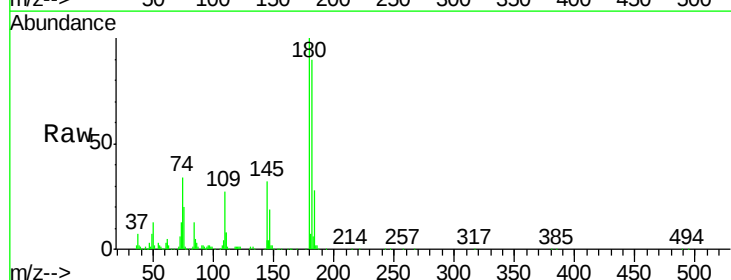
Instrument :
BNA_G
ClientSampleId :
L-SWITCH-SP-0-2-COMPMS

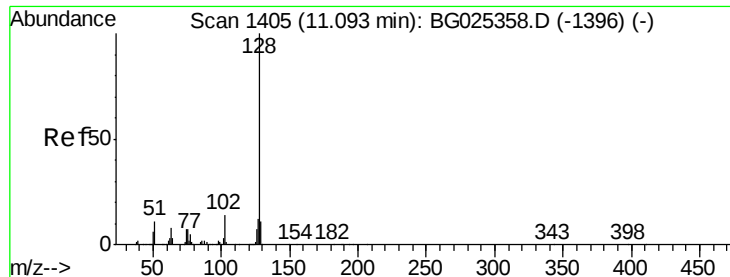
Tgt Ion:162 Resp: 192613
Ion Ratio Lower Upper
162 100
164 62.8 42.4 82.4
98 34.7 20.3 60.3



#30
1,2,4-Trichlorobenzene
Concen: 41.51 ng
RT: 10.88 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Tgt Ion:180 Resp: 199336
Ion Ratio Lower Upper
180 100
182 89.5 77.0 115.4
145 32.0 23.4 35.0

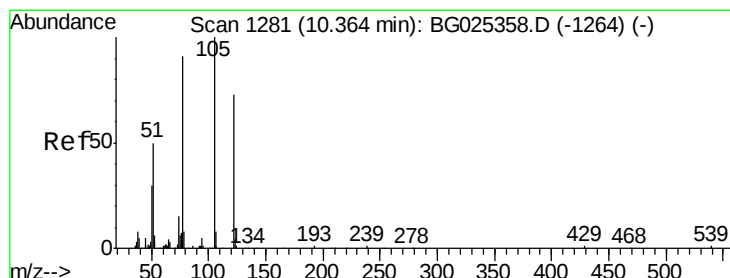
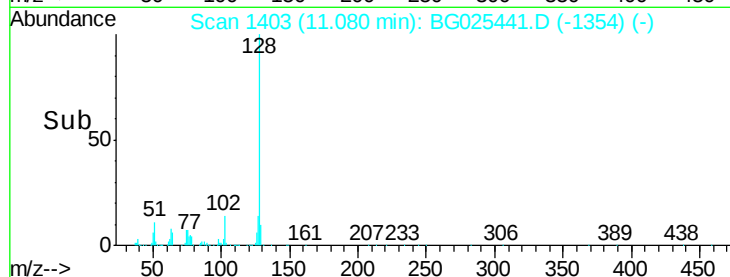
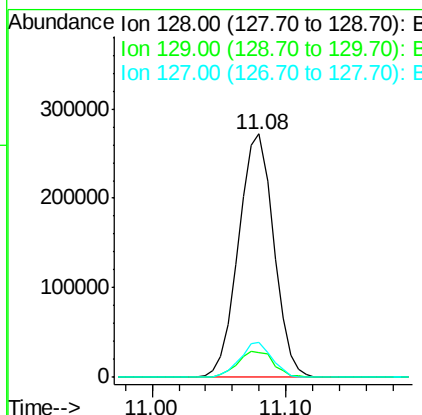
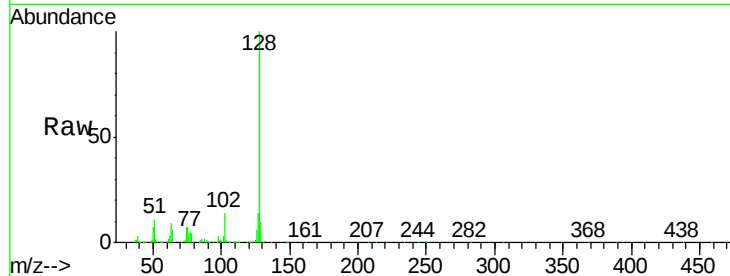




#31
Naphthalene
Concen: 41.88 ng
RT: 11.08 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

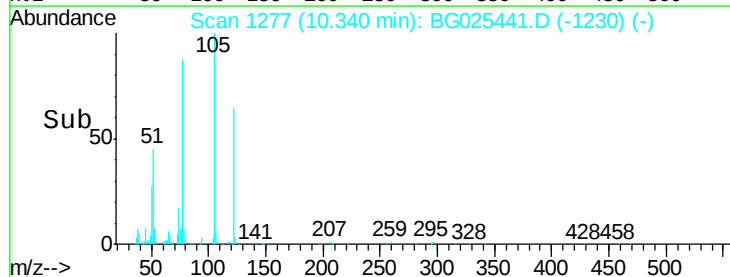
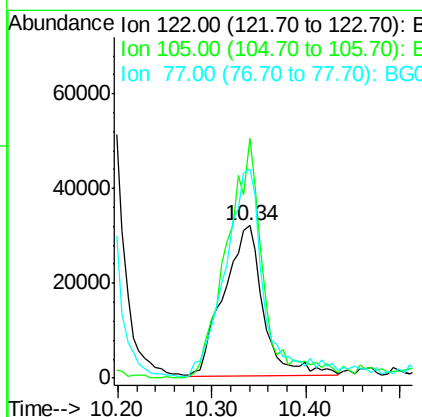
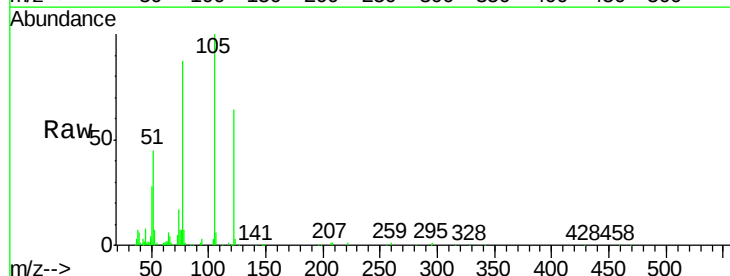
Instrument :
BNA_G
ClientSampleId :
L-SWITCH-SP-0-2-COMPMS

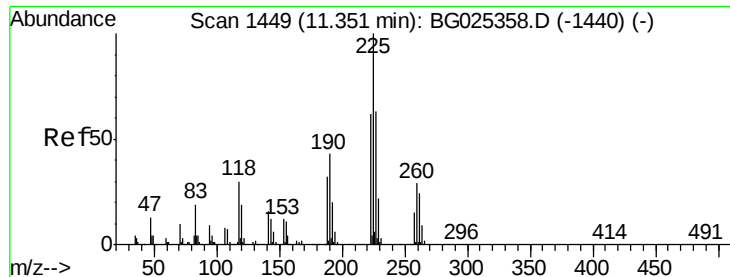
Tgt Ion:128 Resp: 497580
Ion Ratio Lower Upper
128 100
129 10.3 9.3 13.9
127 14.4 11.4 17.0



#32
Benzoic acid
Concen: 30.94 ng
RT: 10.34 min Scan# 1277
Delta R.T. -0.02 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Tgt Ion:122 Resp: 92432
Ion Ratio Lower Upper
122 100
105 156.8 120.1 160.1
77 137.1 104.6 144.6





#34

Hexachlorobutadiene

Concen: 40.62 ng

RT: 11.34 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

Instrument :

BNA_G

ClientSampleId :

L-SWITCH-SP-0-2-COMPMS

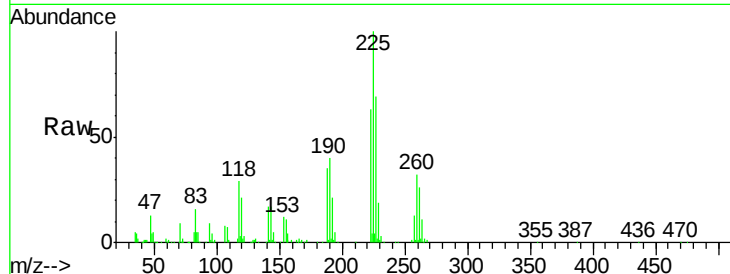
Tgt Ion: 225 Resp: 159220

Ion Ratio Lower Upper

225 100

223 63.0 50.7 76.1

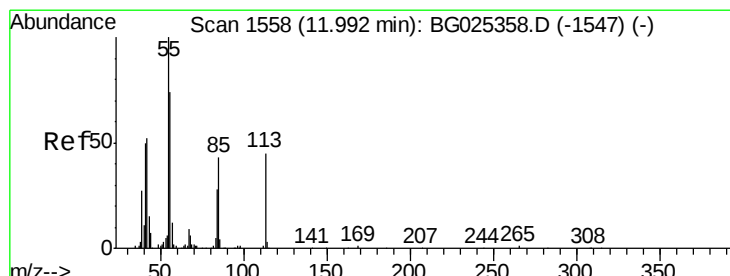
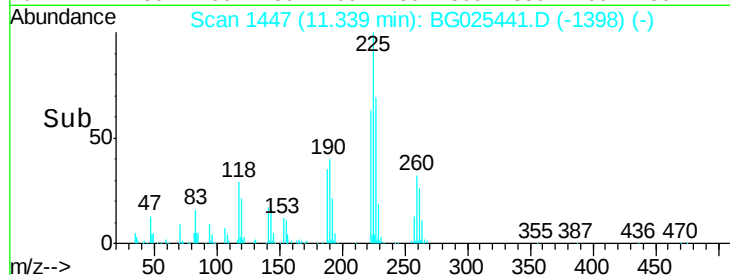
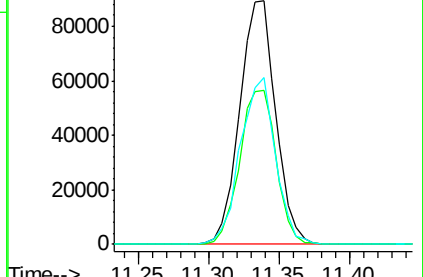
227 68.7 49.0 73.6



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 22.59 ng

RT: 11.98 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

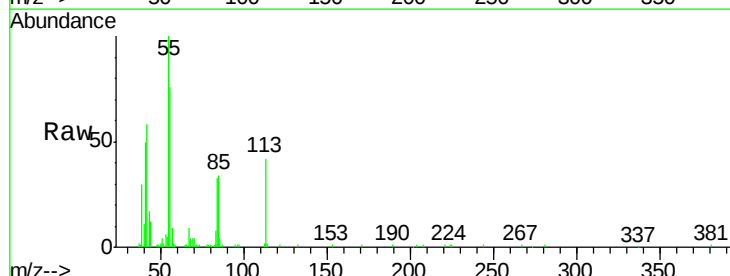
Tgt Ion: 113 Resp: 33742

Ion Ratio Lower Upper

113 100

55 237.7 198.6 238.6

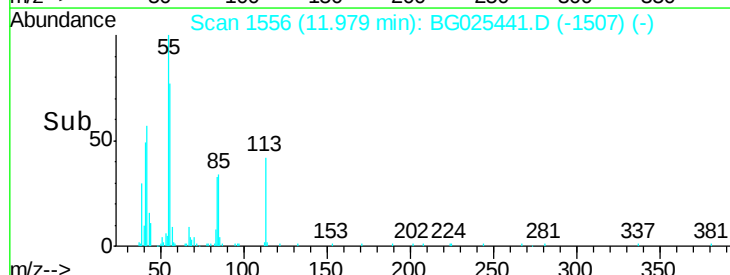
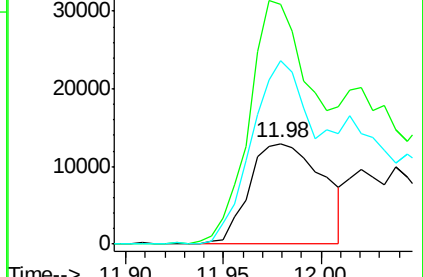
56 181.4 140.4 180.4#

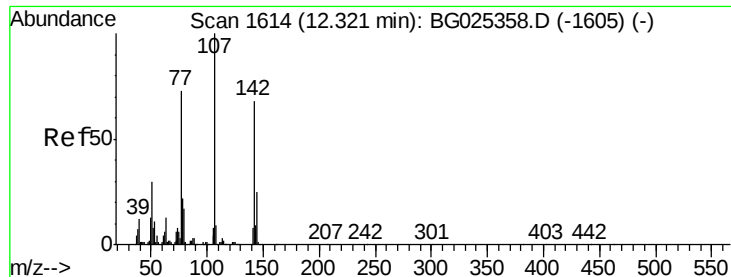


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0

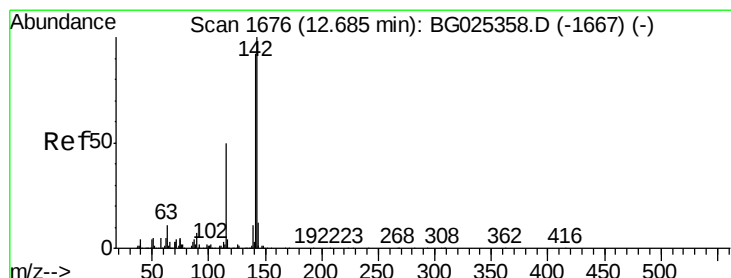
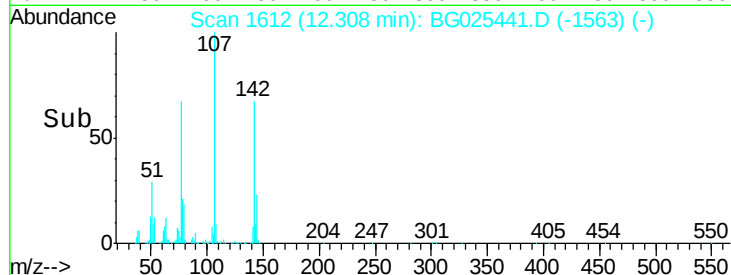
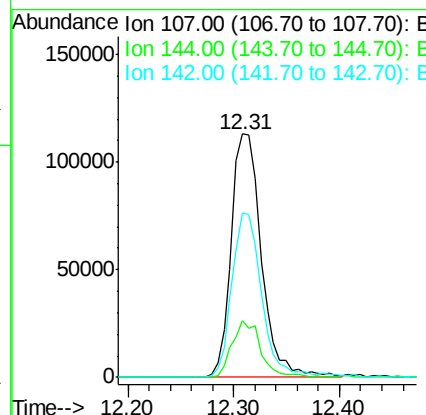
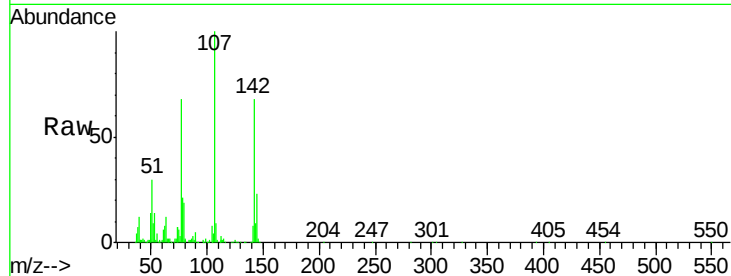




#36
 4-Chloro-3-methylphenol
 Concen: 45.59 ng
 RT: 12.31 min Scan# 1612
 Delta R.T. -0.01 min
 Lab File: BG025441.D
 Acq: 9 Jan 2017 22:08

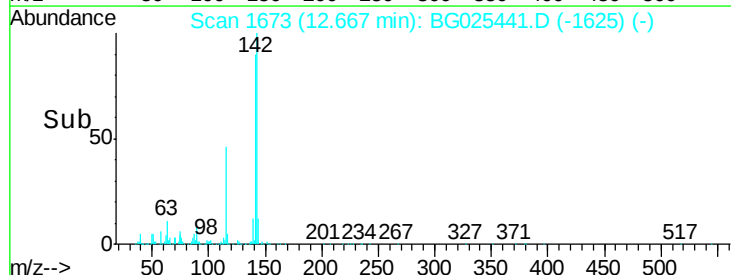
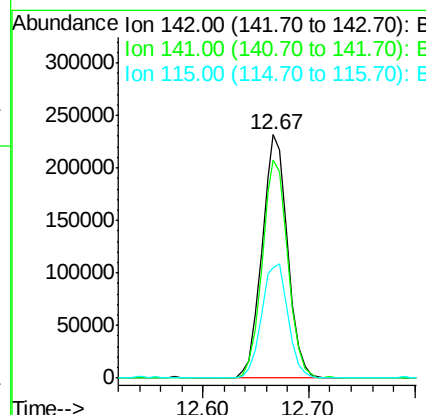
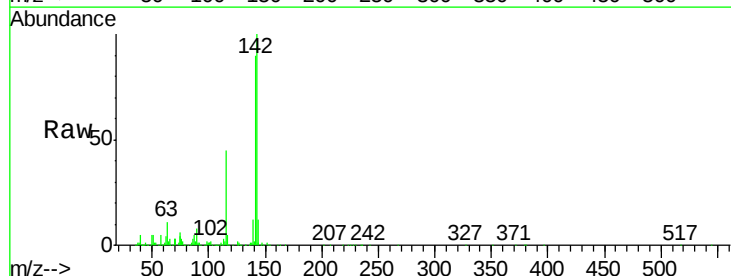
Instrument :
 BNA_G
 ClientSampleId :
 L-SWITCH-SP-0-2-COMPMS

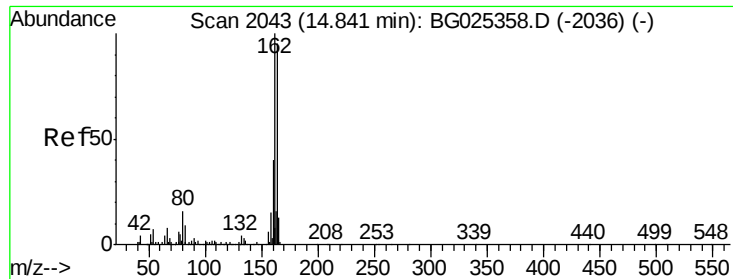
Tgt Ion:107 Resp: 223677
 Ion Ratio Lower Upper
 107 100
 144 23.4 17.4 26.0
 142 67.7 54.1 81.1



#37
 2-Methylnaphthalene
 Concen: 44.24 ng
 RT: 12.67 min Scan# 1673
 Delta R.T. -0.02 min
 Lab File: BG025441.D
 Acq: 9 Jan 2017 22:08

Tgt Ion:142 Resp: 389571
 Ion Ratio Lower Upper
 142 100
 141 89.6 70.4 105.6
 115 45.4 35.5 53.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.83 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

Instrument :

BNA_G

ClientSampleId :

L-SWITCH-SP-0-2-COMPMS

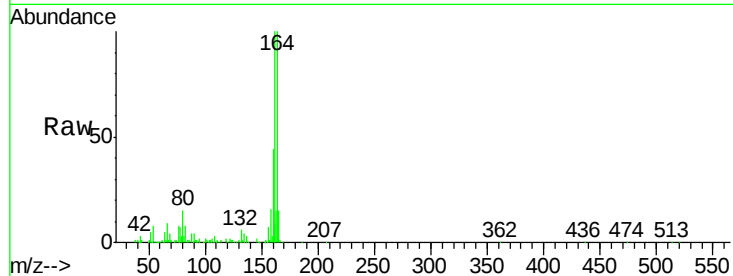
Tgt Ion:164 Resp: 191872

Ion Ratio Lower Upper

164 100

162 99.8 85.1 127.7

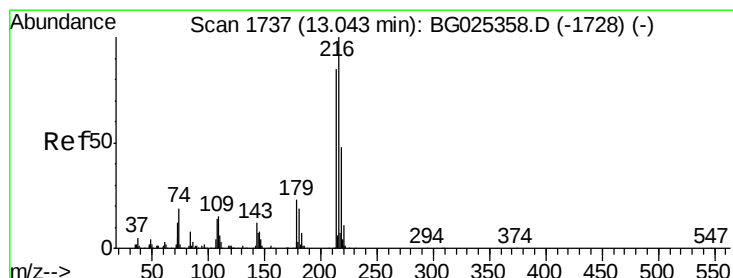
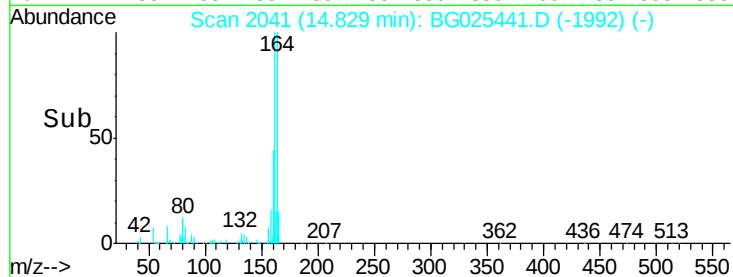
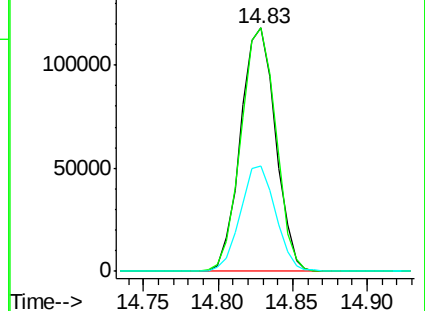
160 43.5 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.62 ng

RT: 13.03 min Scan# 1735

Delta R.T. -0.01 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

Tgt Ion:216 Resp: 276299

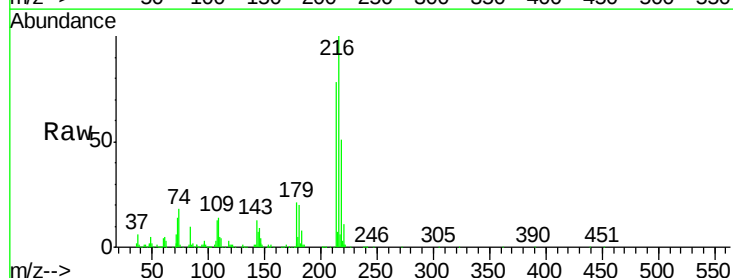
Ion Ratio Lower Upper

216 100

214 77.3 64.4 96.6

179 19.8 17.4 26.0

108 15.7 15.6 23.4

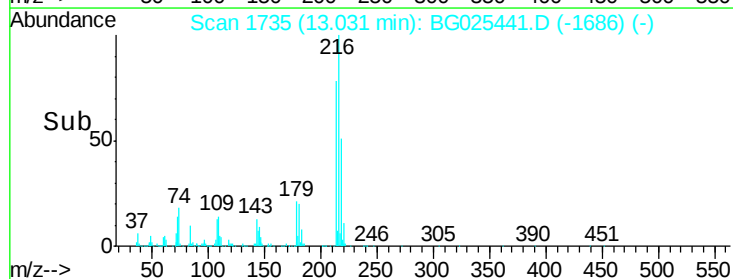
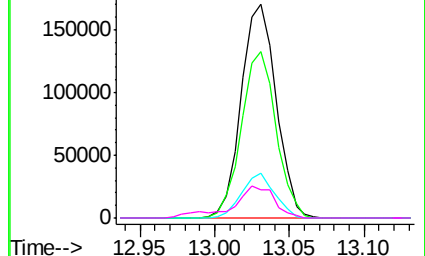


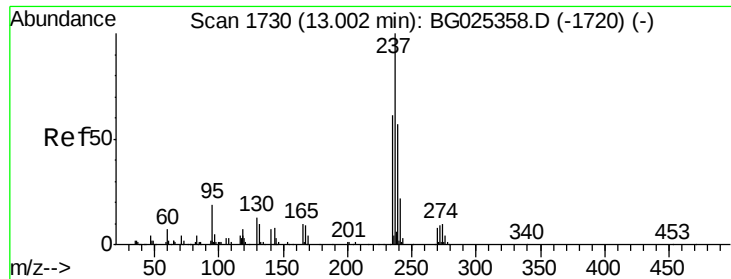
Abundance Ion 216.00 (215.70 to 216.70): E

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

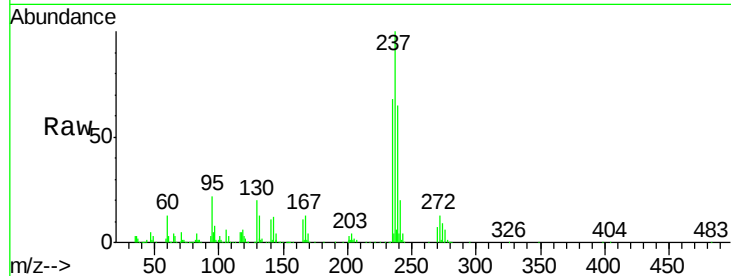




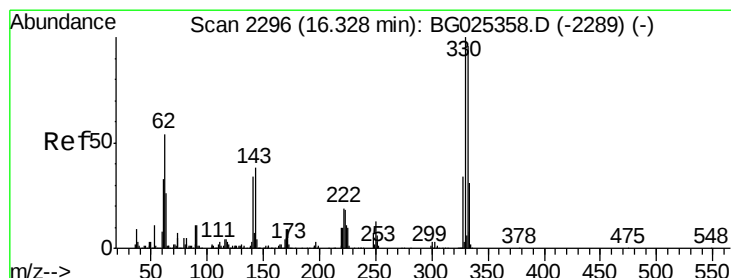
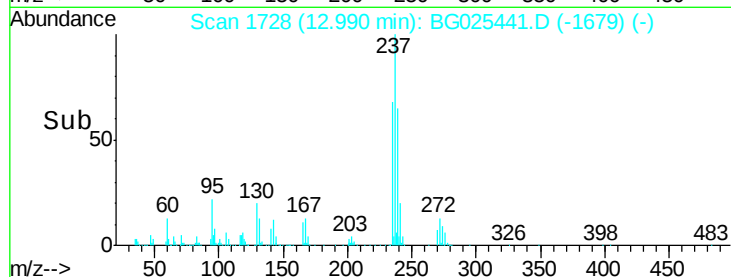
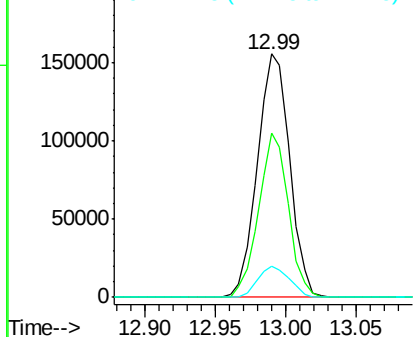
#40
Hexachlorocyclopentadiene
Concen: 105.31 ng
RT: 12.99 min Scan# 1728
Delta R.T. -0.01 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Instrument :
BNA_G
ClientSampleId :
L-SWITCH-SP-0-2-COMPMS

Tgt Ion: 237 Resp: 250652
Ion Ratio Lower Upper
237 100
235 67.6 39.4 79.4
272 12.8 0.0 32.0

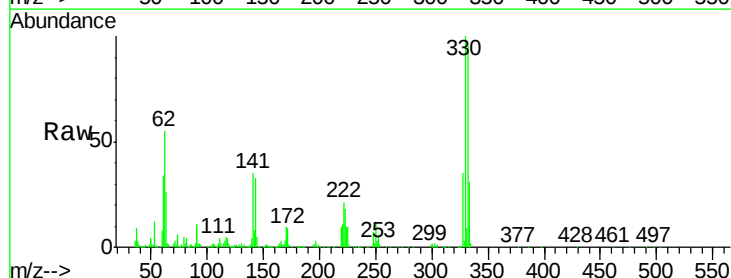


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

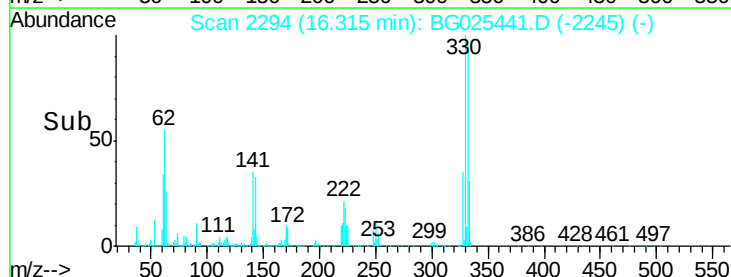
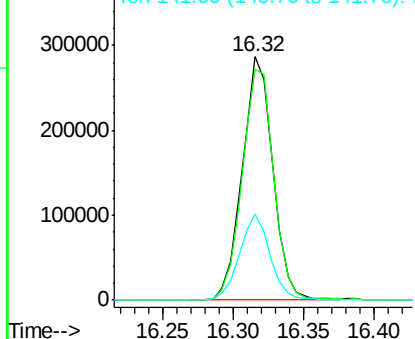


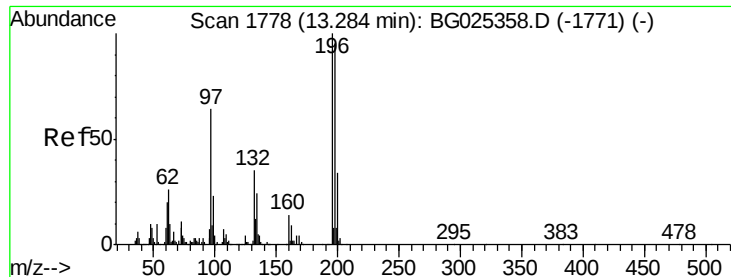
#41
2,4,6-Tribromophenol
Concen: 140.46 ng
RT: 16.32 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Tgt Ion: 330 Resp: 433895
Ion Ratio Lower Upper
330 100
332 98.4 77.3 115.9
141 35.0 32.1 48.1



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: 41.78 ng

RT: 13.27 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

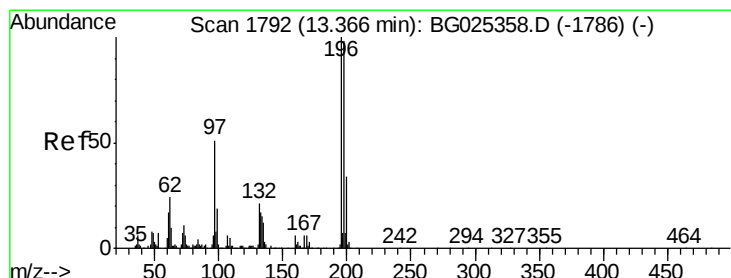
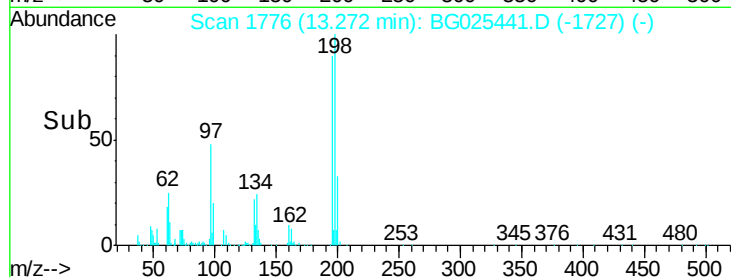
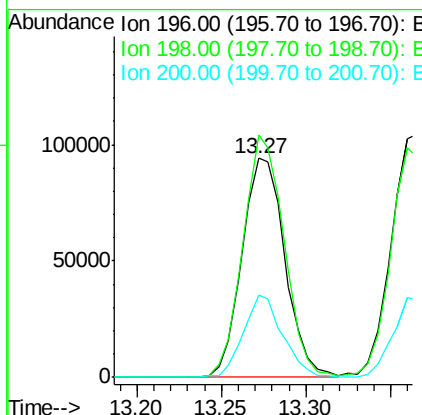
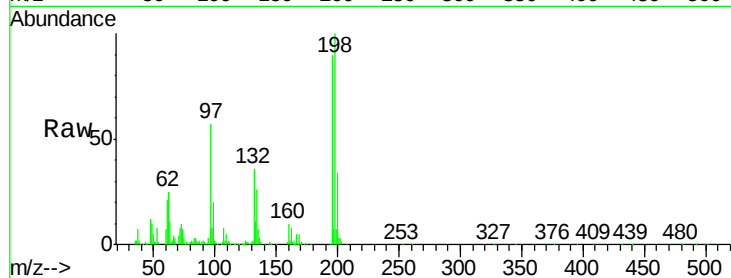
Instrument :

BNA_G

ClientSampleId :

L-SWITCH-SP-0-2-COMPMS

Tgt Ion:	196	Resp:	166651
Ion	Ratio	Lower	Upper
196	100		
198	110.5	81.4	122.2
200	37.6	27.0	40.6



#43

2,4,5-Trichlorophenol

Concen: 44.78 ng

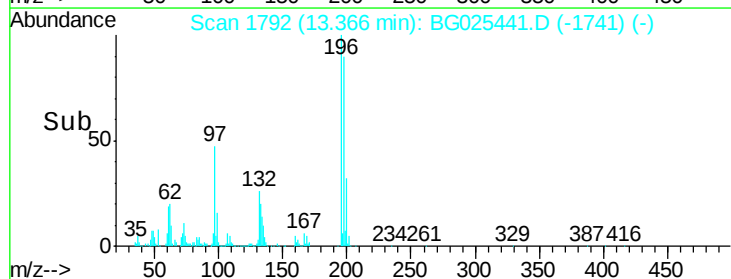
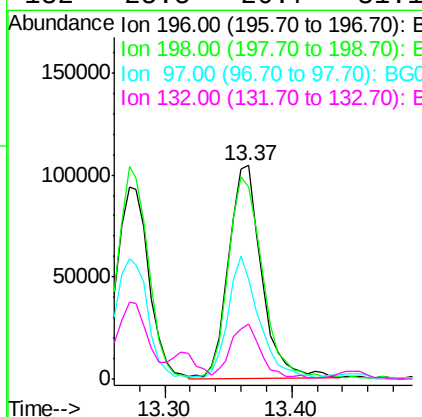
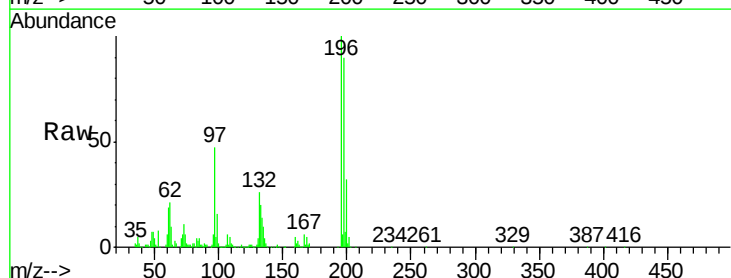
RT: 13.37 min Scan# 1792

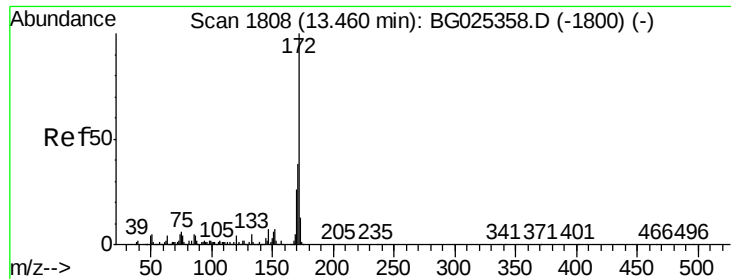
Delta R.T. -0.00 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

Tgt Ion:	196	Resp:	186947
Ion	Ratio	Lower	Upper
196	100		
198	89.8	79.9	119.9
97	46.7	45.4	68.0
132	25.5	20.7	31.1

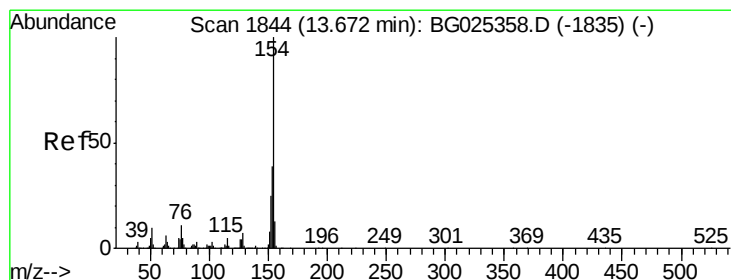
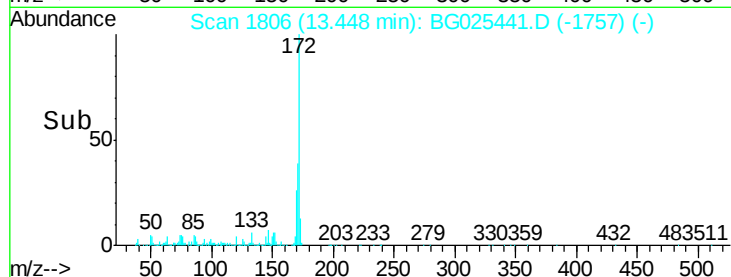
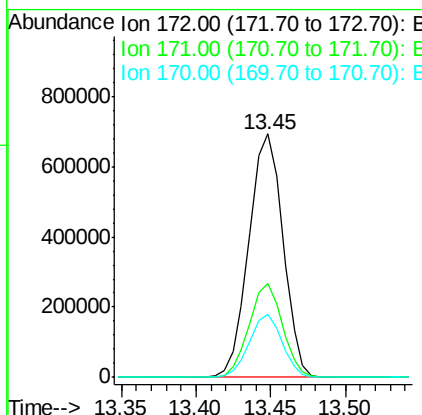
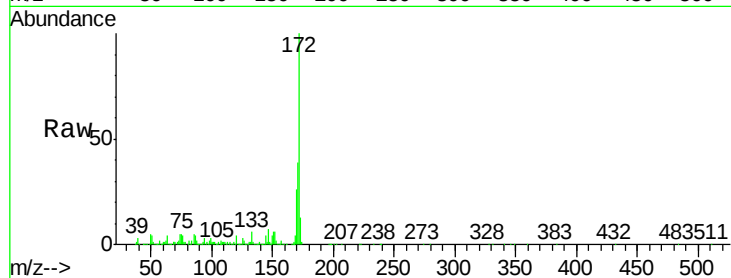




#44
2-Fluorobiphenyl
Concen: 92.26 ng
RT: 13.45 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

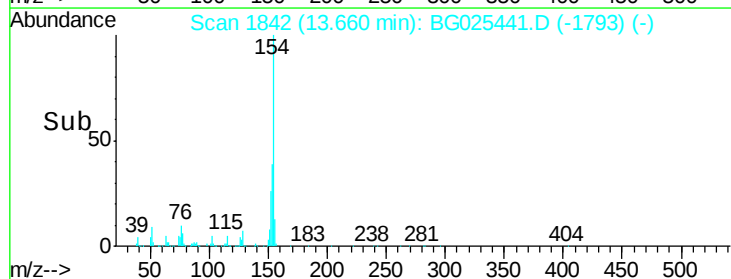
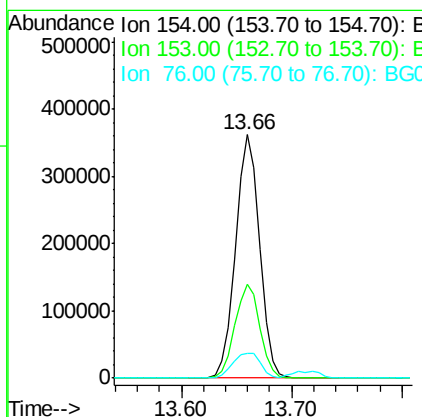
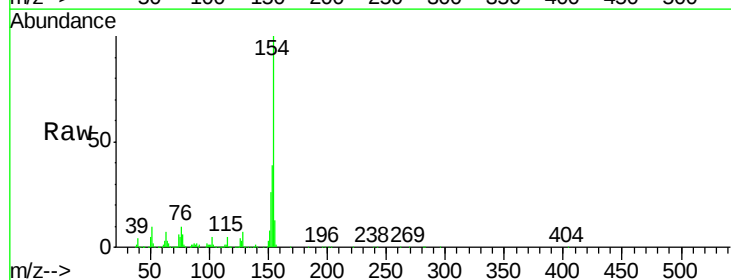
Instrument :
BNA_G
ClientSampleId :
L-SWITCH-SP-0-2-COMPMS

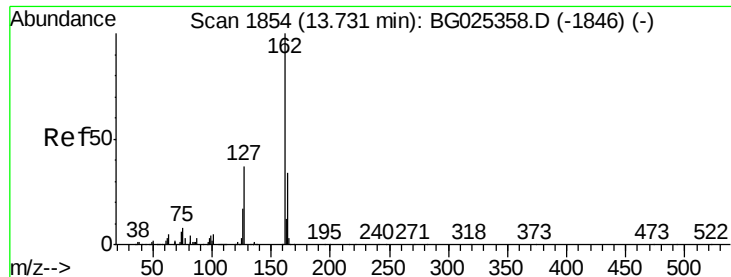
Tgt Ion:172 Resp: 1093395
Ion Ratio Lower Upper
172 100
171 38.6 32.2 48.2
170 25.9 21.8 32.6



#45
1,1'-Biphenyl
Concen: 42.83 ng
RT: 13.66 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Tgt Ion:154 Resp: 552689
Ion Ratio Lower Upper
154 100
153 38.8 23.0 63.0
76 10.4 0.0 33.5

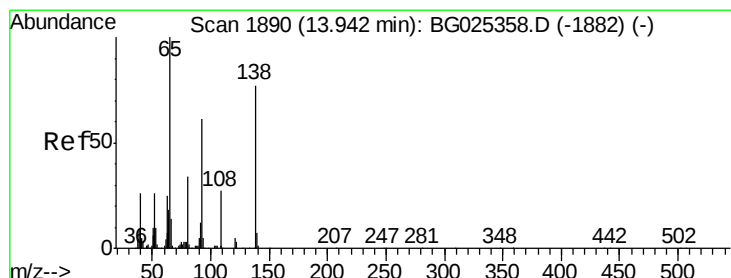
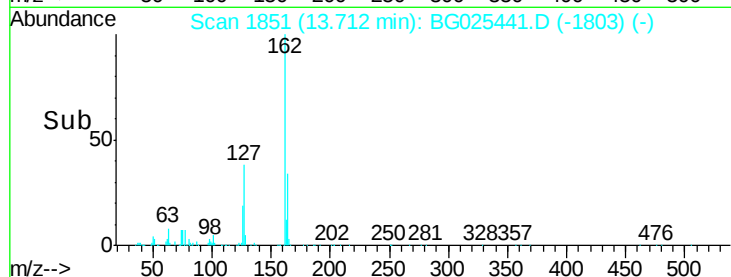
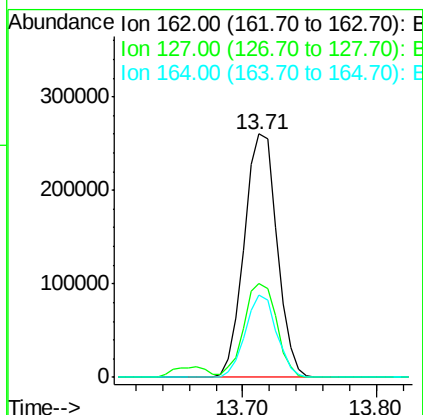
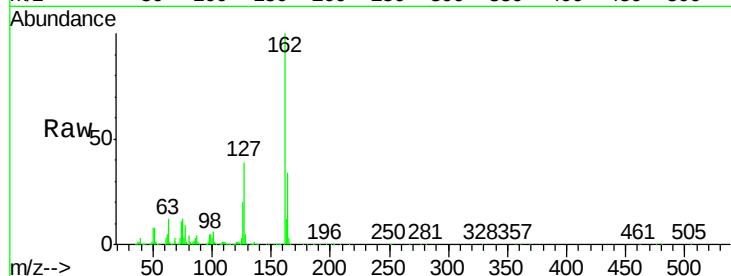




#46
 2-Chloronaphthalene
 Concen: 43.73 ng
 RT: 13.71 min Scan# 1851
 Delta R.T. -0.02 min
 Lab File: BG025441.D
 Acq: 9 Jan 2017 22:08

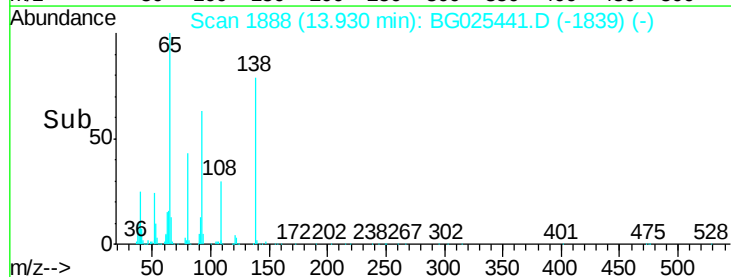
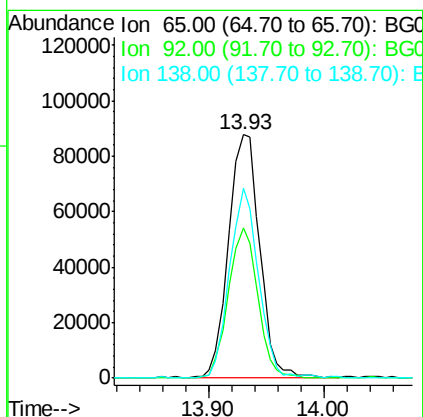
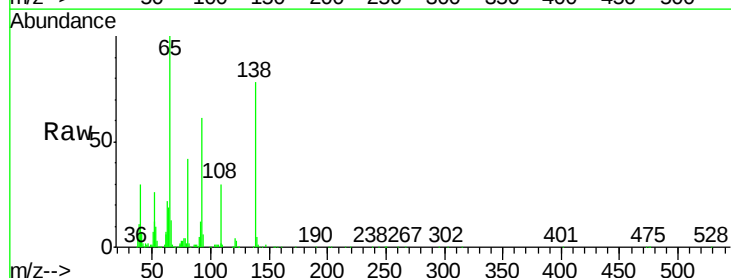
Instrument :
 BNA_G
 ClientSampleId :
 L-SWITCH-SP-0-2-COMPMS

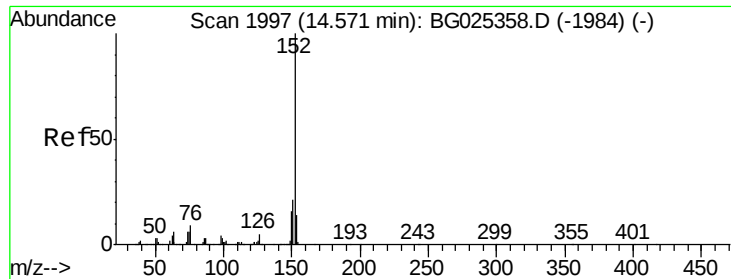
Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.7	32.2	48.4
164	33.6	27.3	40.9



#47
 2-Nitroaniline
 Concen: 38.78 ng
 RT: 13.93 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: BG025441.D
 Acq: 9 Jan 2017 22:08

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.5	49.0	73.4
138	78.1	58.6	87.8





#48

Acenaphthylene

Concen: 42.73 ng

RT: 14.55 min Scan# 1994

Delta R.T. -0.02 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

Instrument :

BNA_G

ClientSampleId :

L-SWITCH-SP-0-2-COMPMS

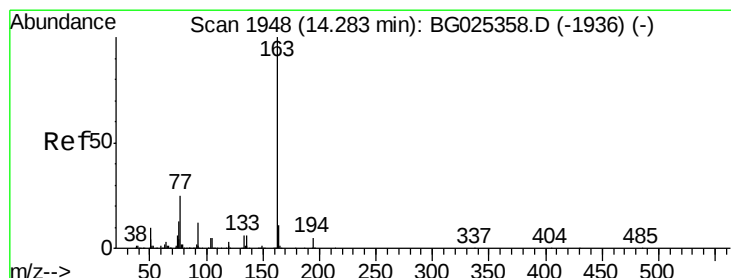
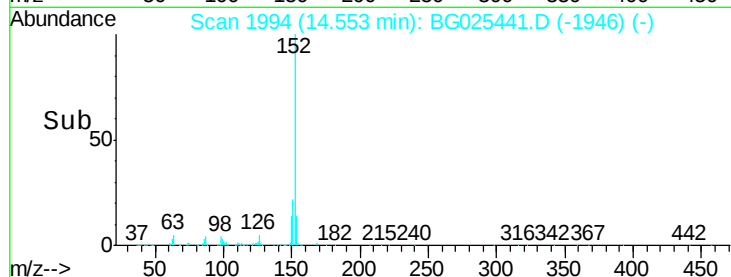
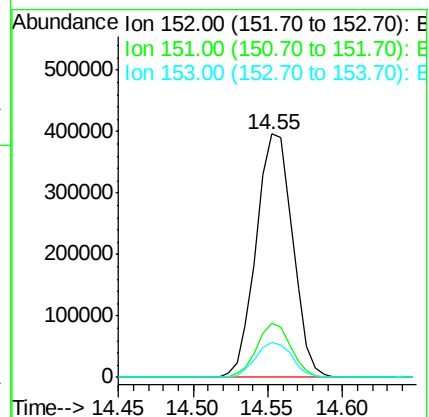
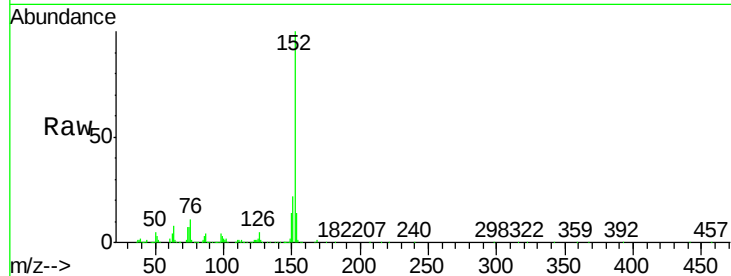
Tgt Ion:152 Resp: 667782

Ion Ratio Lower Upper

152 100

151 22.0 18.2 27.2

153 14.4 11.3 16.9



#49

Dimethylphthalate

Concen: 45.95 ng

RT: 14.27 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

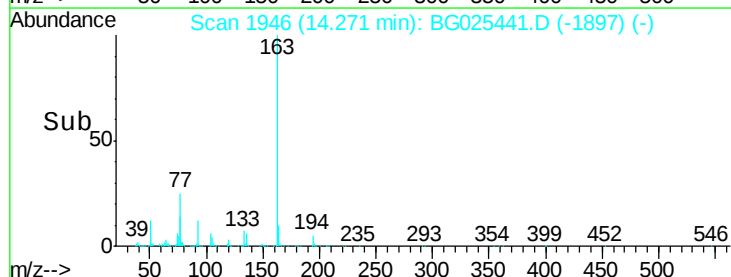
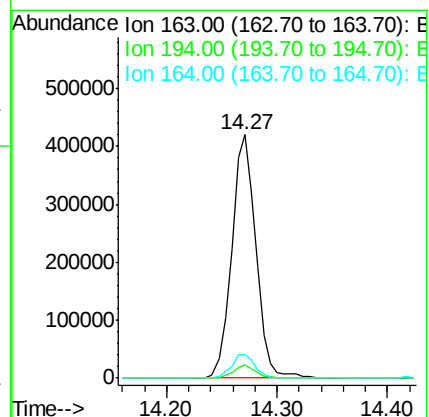
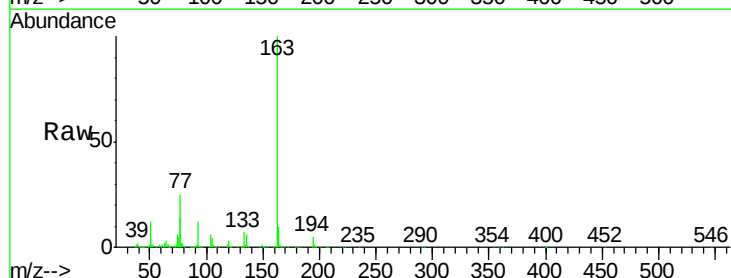
Tgt Ion:163 Resp: 642677

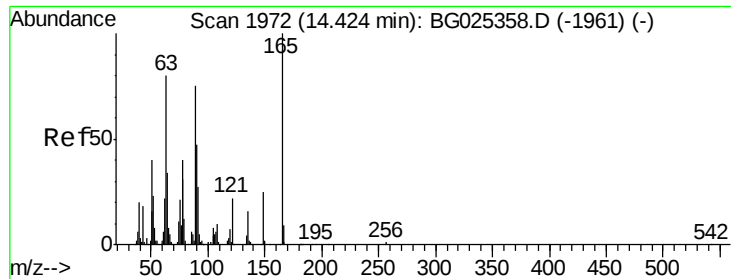
Ion Ratio Lower Upper

163 100

194 5.4 3.8 5.6

164 9.6 9.3 13.9

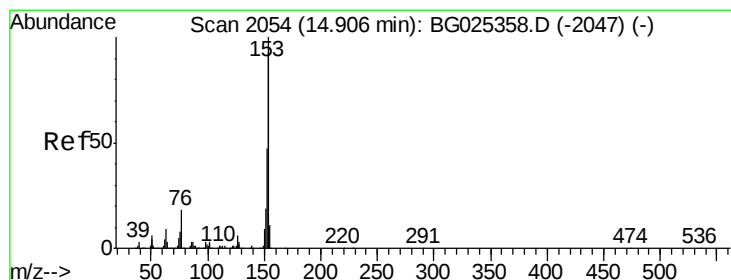
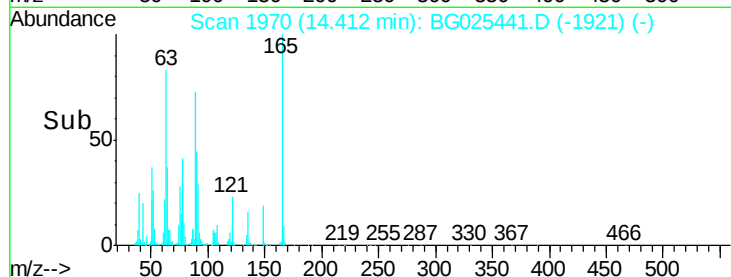
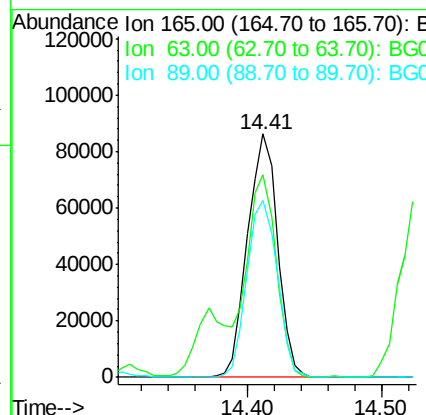
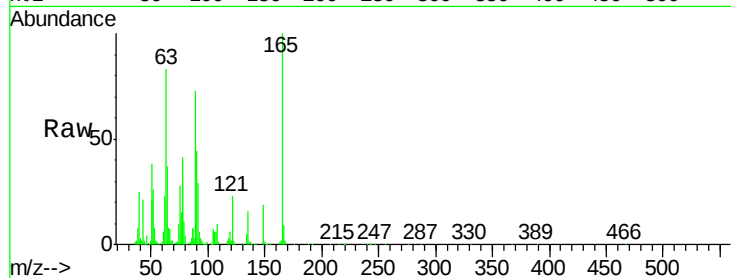




#50
2,6-Dinitrotoluene
Concen: 43.66 ng
RT: 14.41 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

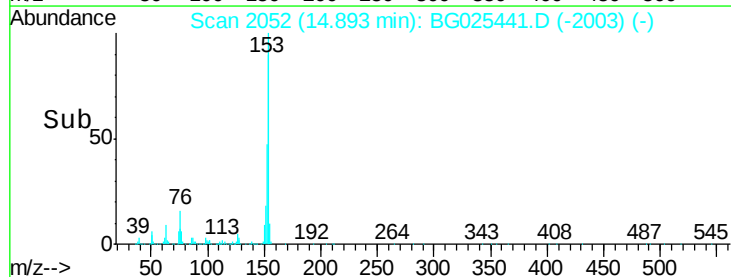
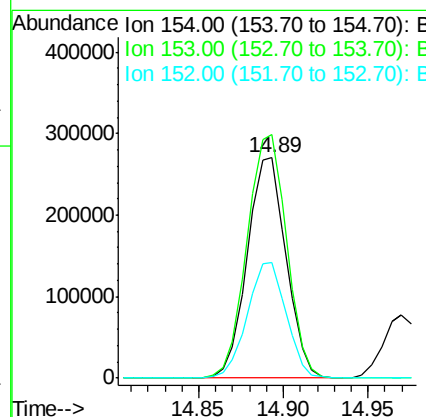
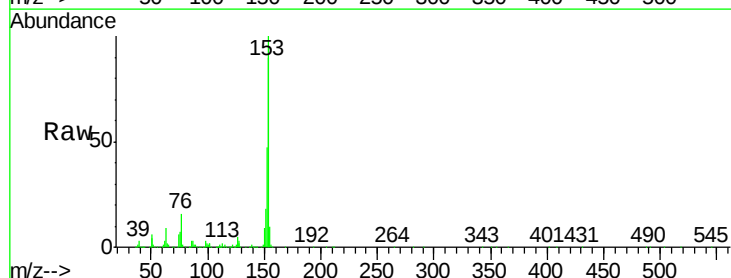
Instrument :
BNA_G
ClientSampleId :
L-SWITCH-SP-0-2-COMPMS

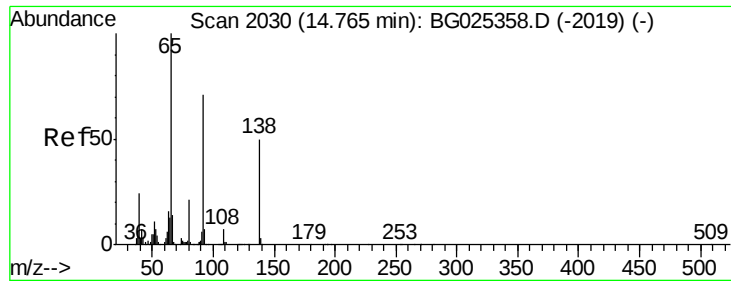
Tgt Ion:165 Resp: 133420
Ion Ratio Lower Upper
165 100
63 83.4 63.9 95.9
89 72.8 58.6 88.0



#51
Acenaphthene
Concen: 42.39 ng
RT: 14.89 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Tgt Ion:154 Resp: 433306
Ion Ratio Lower Upper
154 100
153 110.6 87.8 131.6
152 52.4 42.2 63.4

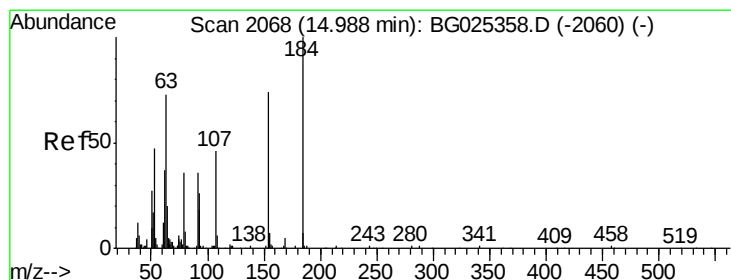
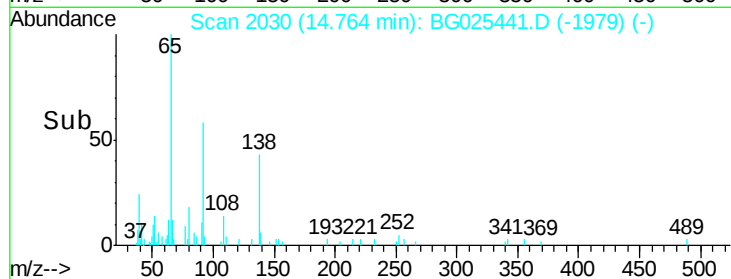
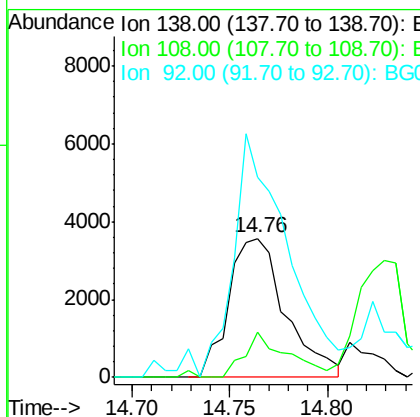
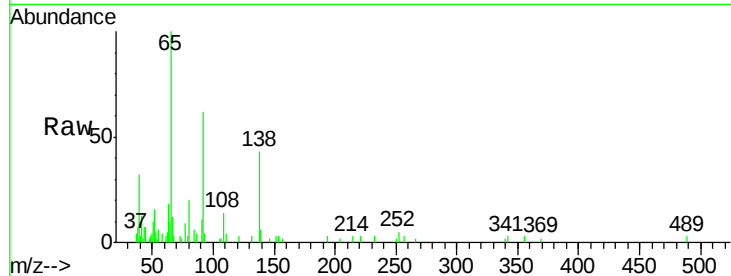




#52
3-Nitroaniline
Concen: 2.44 ng
RT: 14.76 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

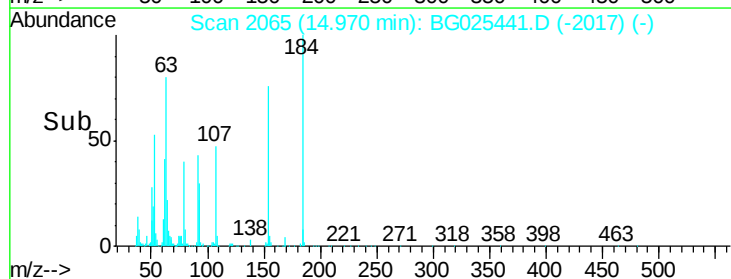
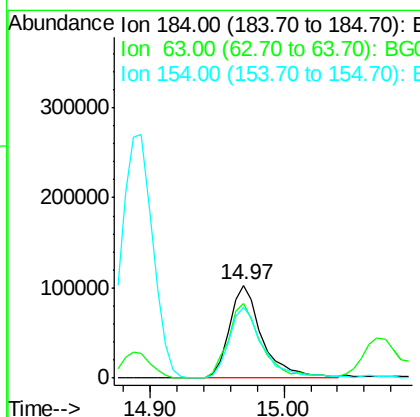
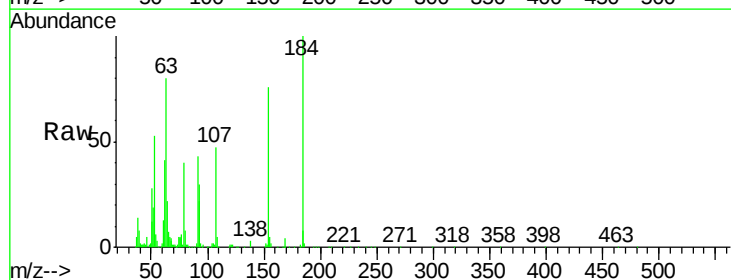
Instrument :
BNA_G
ClientSampleId :
L-SWITCH-SP-0-2-COMPMS

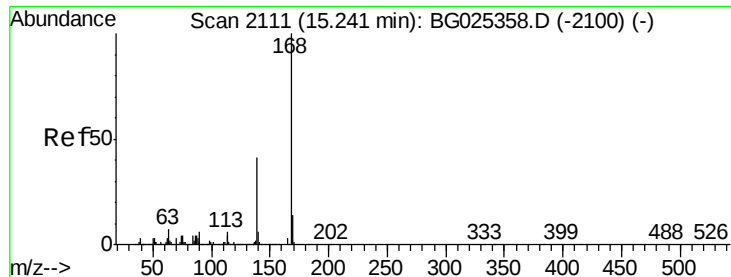
Tgt Ion:138 Resp: 7181
Ion Ratio Lower Upper
138 100
108 32.7 10.9 16.3#
92 144.3 115.3 172.9



#53
2,4-Dinitrophenol
Concen: 87.47 ng
RT: 14.97 min Scan# 2065
Delta R.T. -0.02 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Tgt Ion:184 Resp: 176284
Ion Ratio Lower Upper
184 100
63 79.5 52.7 79.1#
154 75.7 57.3 85.9

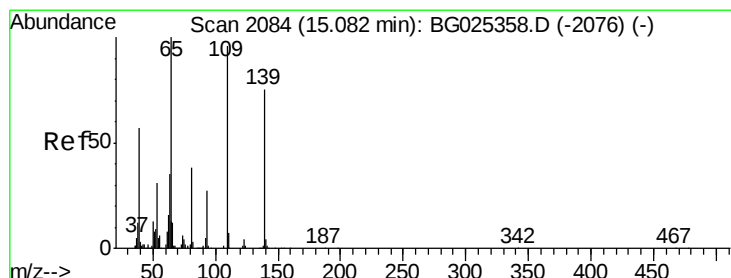
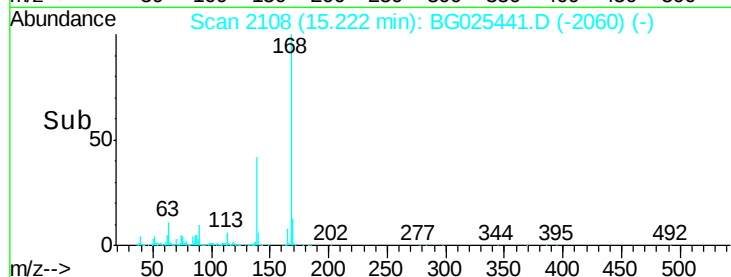
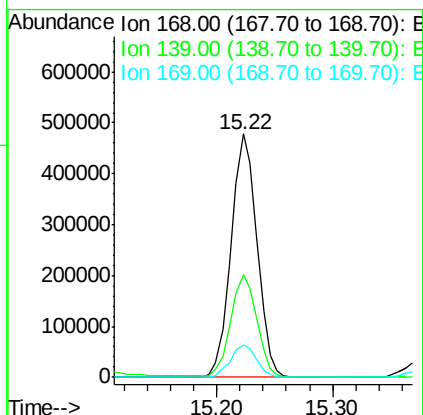
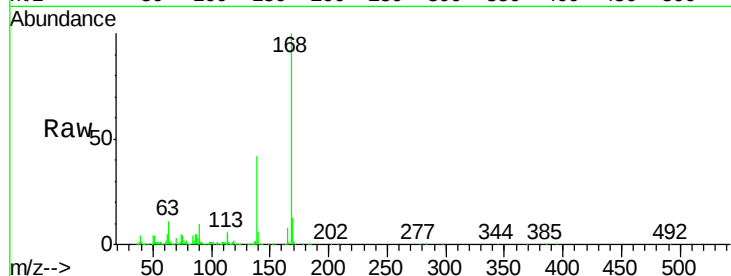




#54
Dibenzenofuran
Concen: 45.91 ng
RT: 15.22 min Scan# 2108
Delta R.T. -0.02 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

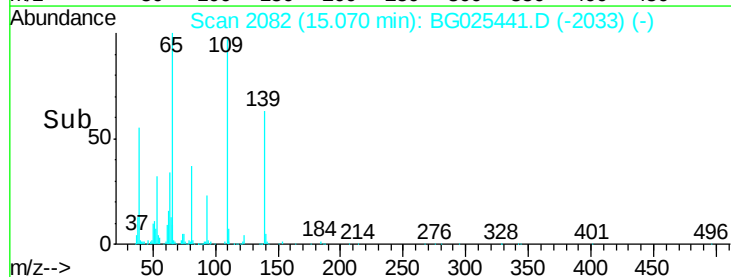
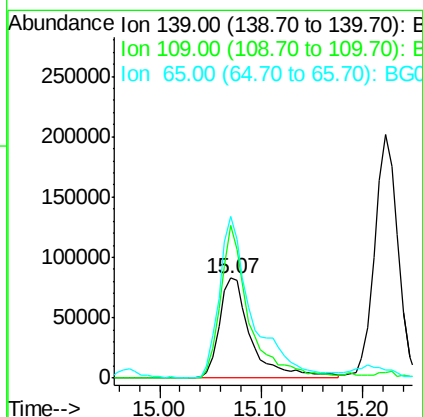
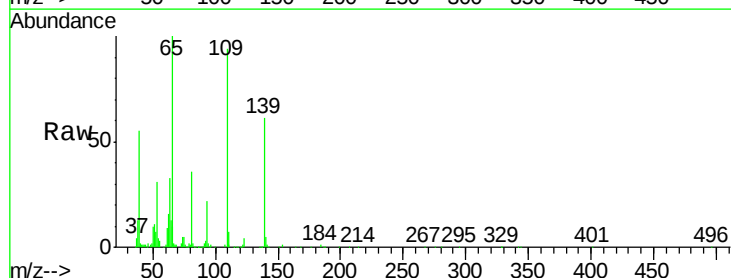
Instrument :
BNA_G
ClientSampleId :
L-SWITCH-SP-0-2-COMPMS

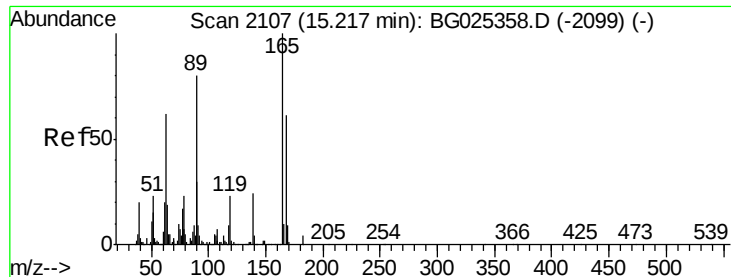
Tgt Ion:168 Resp: 741870
Ion Ratio Lower Upper
168 100
139 42.2 35.3 52.9
169 13.4 11.5 17.3



#55
4-Nitrophenol
Concen: 82.77 ng
RT: 15.07 min Scan# 2082
Delta R.T. -0.01 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Tgt Ion:139 Resp: 181604
Ion Ratio Lower Upper
139 100
109 153.8 101.2 141.2#
65 162.7 135.3 175.3

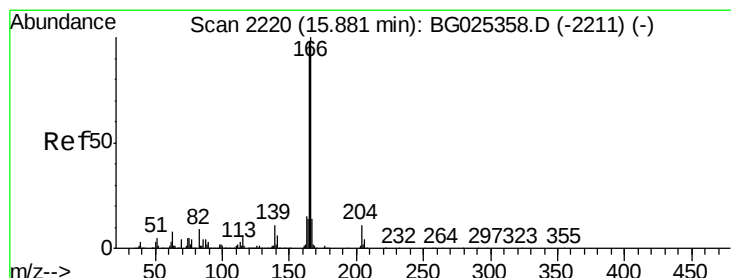
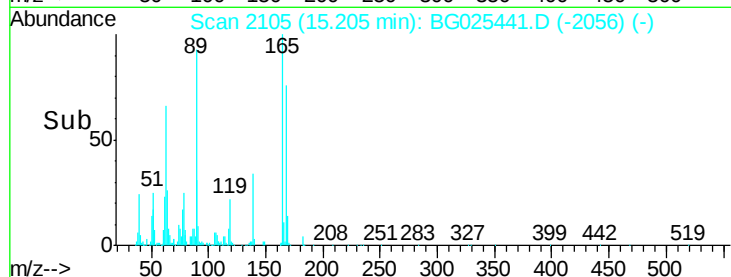
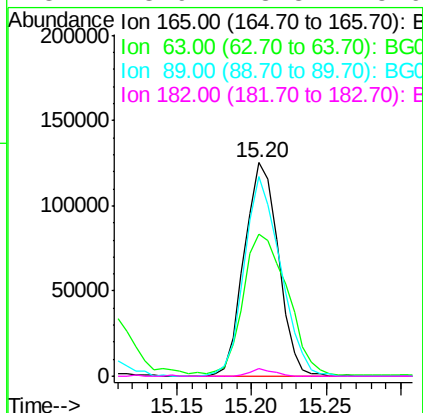
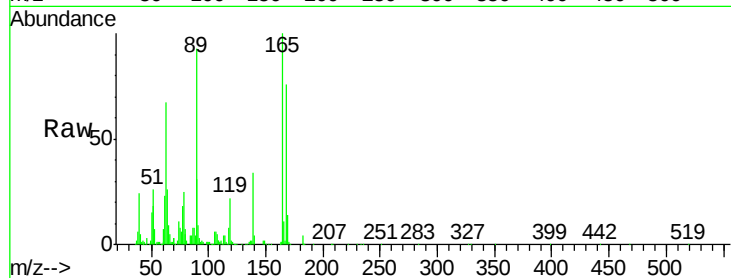




#56
2,4-Dinitrotoluene
Concen: 44.62 ng
RT: 15.20 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

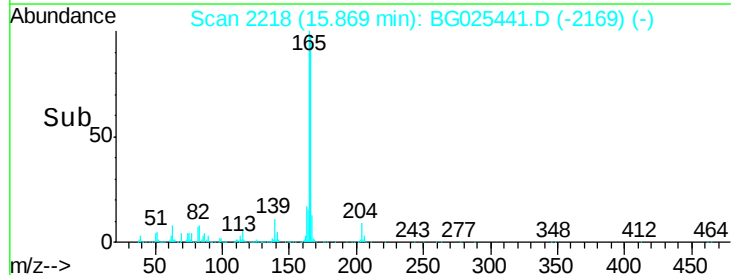
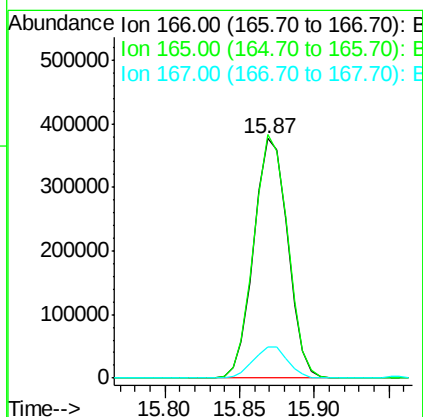
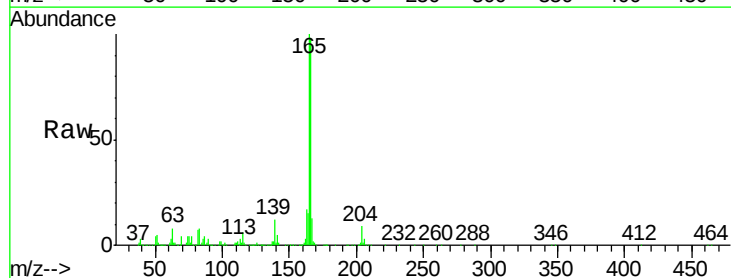
Instrument :
BNA_G
ClientSampleId :
L-SWITCH-SP-0-2-COMPMS

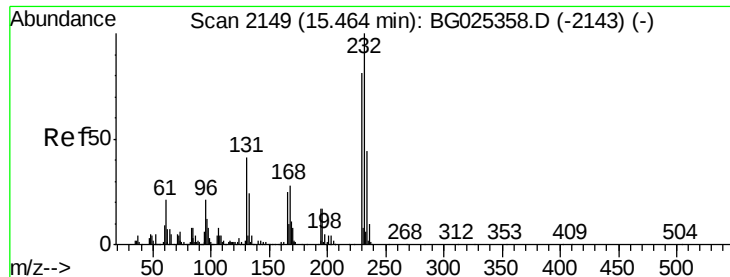
Tgt Ion:165 Resp: 198533
Ion Ratio Lower Upper
165 100
63 66.7 44.0 66.0#
89 93.4 67.3 100.9
182 3.9 3.8 5.6



#57
Fluorene
Concen: 43.86 ng
RT: 15.87 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Tgt Ion:166 Resp: 593350
Ion Ratio Lower Upper
166 100
165 101.8 78.6 117.8
167 13.3 11.6 17.4

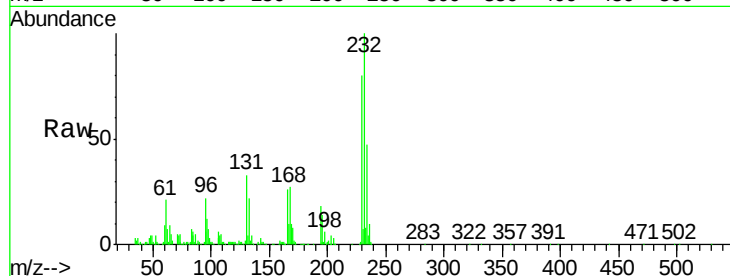




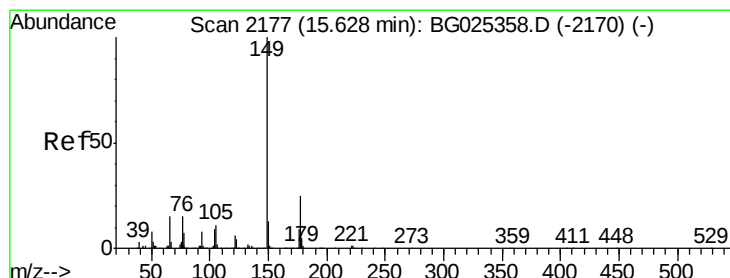
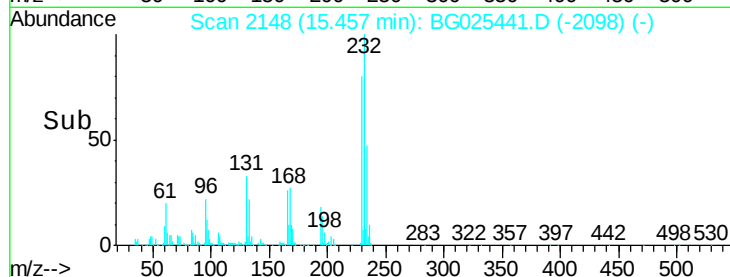
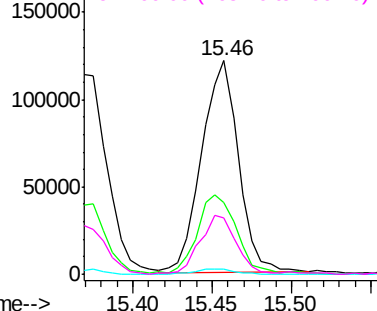
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.82 ng
 RT: 15.46 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG025441.D
 Acq: 9 Jan 2017 22:08

Instrument :
 BNA_G
 ClientSampleId :
 L-SWITCH-SP-0-2-COMPMS

Tgt Ion:	232	Resp:	195996
Ion	Ratio	Lower	Upper
232	100		
131	40.4	34.9	52.3
130	2.5	2.3	3.5
166	26.8	24.2	36.4

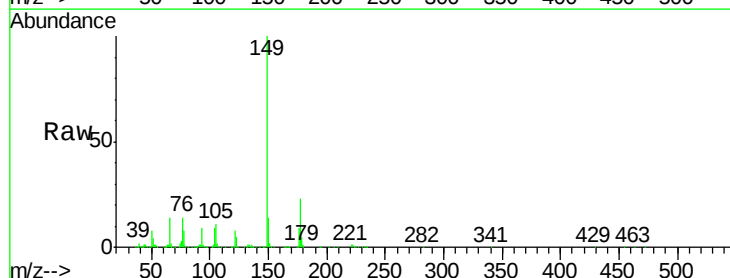


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

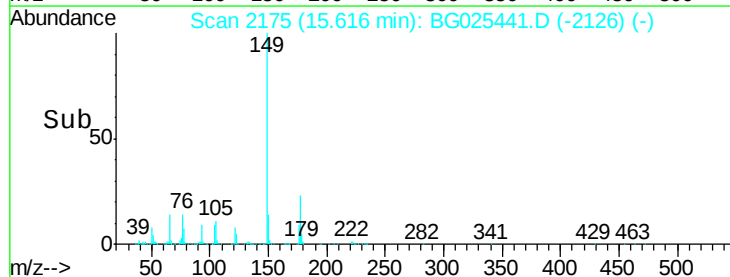
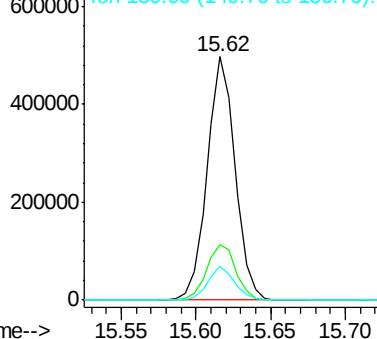


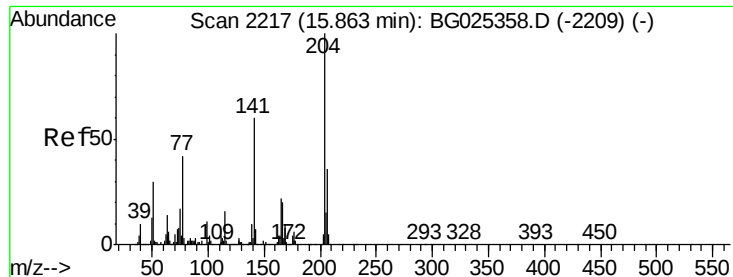
#59
 Diethylphthalate
 Concen: 44.08 ng
 RT: 15.62 min Scan# 2175
 Delta R.T. -0.01 min
 Lab File: BG025441.D
 Acq: 9 Jan 2017 22:08

Tgt Ion:	149	Resp:	646645
Ion	Ratio	Lower	Upper
149	100		
177	22.9	20.1	30.1
150	13.7	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: 43.96 ng

RT: 15.85 min Scan# 2215

Delta R.T. -0.01 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

Instrument :

BNA_G

ClientSampleId :

L-SWITCH-SP-0-2-COMPMS

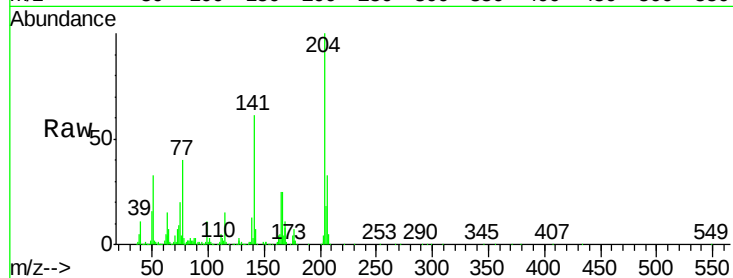
Tgt Ion:204 Resp: 337004

Ion Ratio Lower Upper

204 100

206 33.4 30.1 45.1

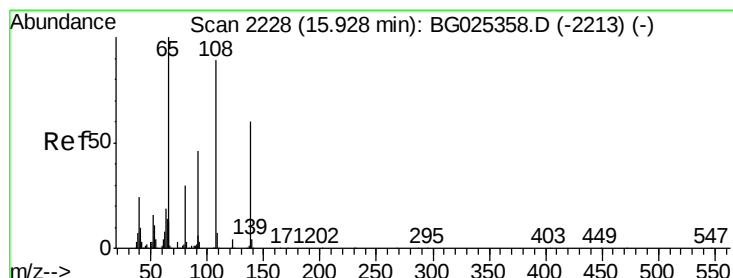
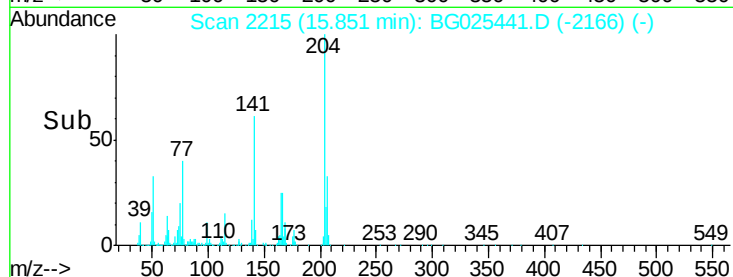
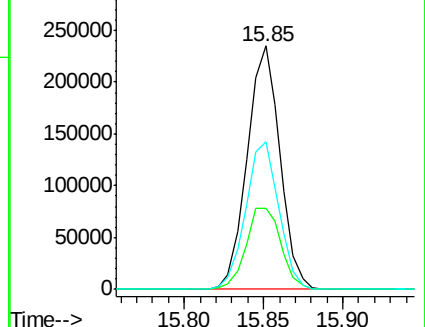
141 60.7 50.6 76.0



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: 18.26 ng

RT: 15.92 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

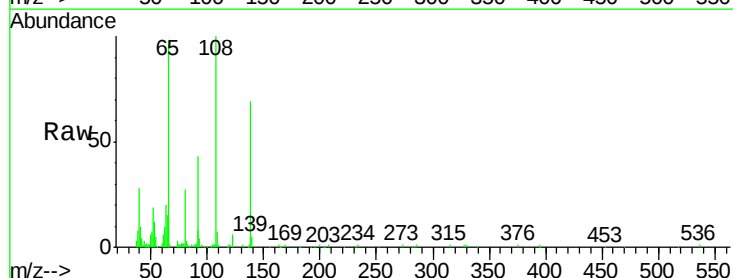
Tgt Ion:138 Resp: 53992

Ion Ratio Lower Upper

138 100

92 62.2 44.2 84.2

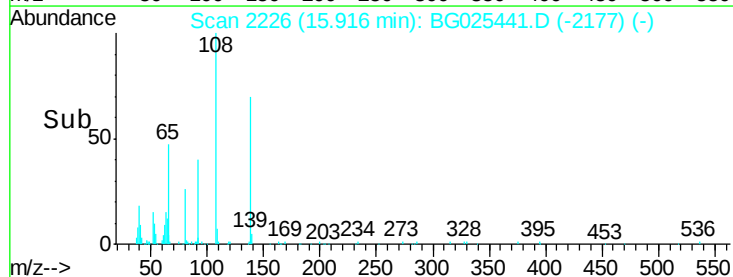
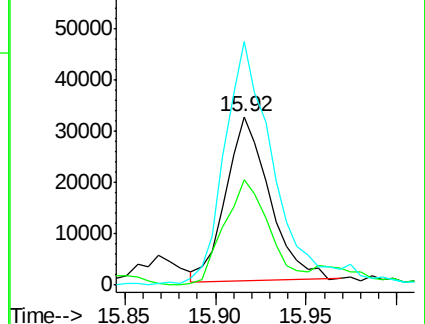
108 144.4 104.8 144.8

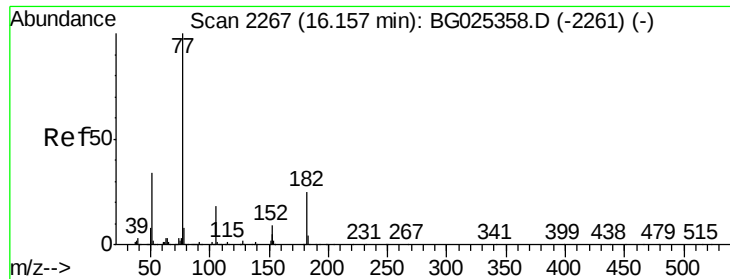


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 47.53 ng

RT: 16.14 min Scan# 2265

Delta R.T. -0.01 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

Instrument :

BNA_G

ClientSampleId :

L-SWITCH-SP-0-2-COMPMS

Tgt Ion: 77 Resp: 672369

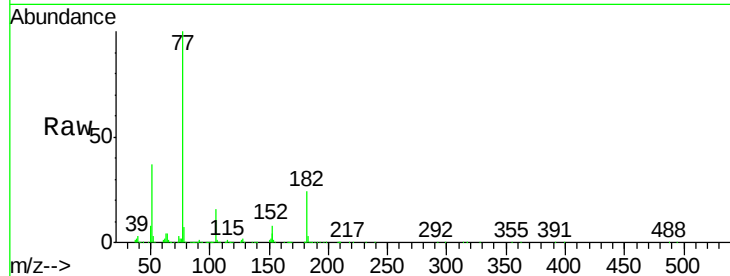
Ion Ratio Lower Upper

77 100

182 23.5 4.7 44.7

105 15.8 0.0 36.3

51 36.7 16.4 56.4

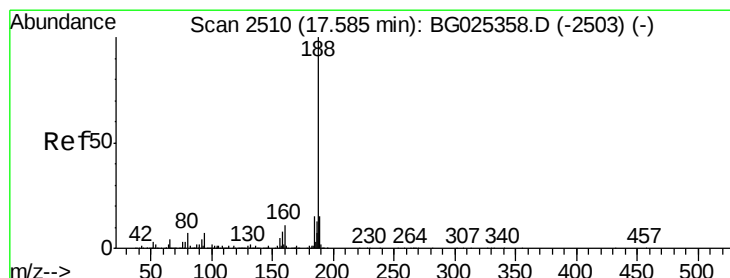
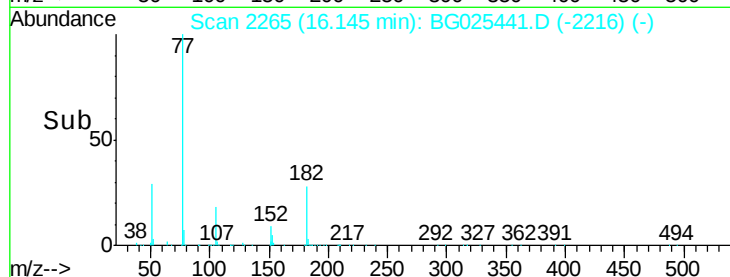
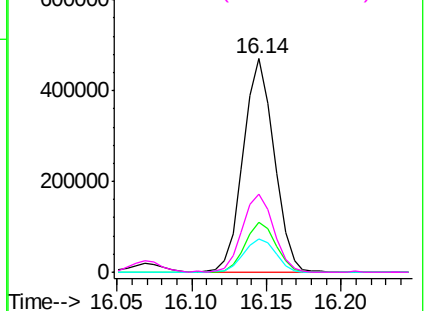


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.57 min Scan# 2508

Delta R.T. -0.01 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

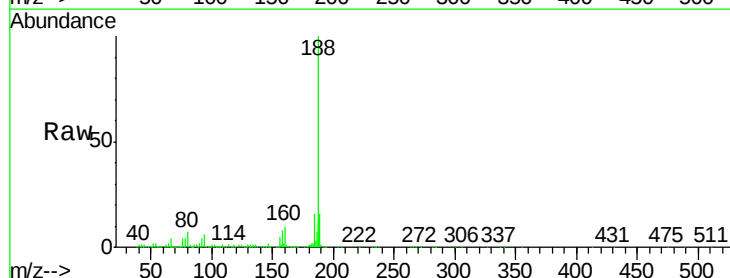
Tgt Ion: 188 Resp: 457715

Ion Ratio Lower Upper

188 100

94 5.5 5.8 8.8#

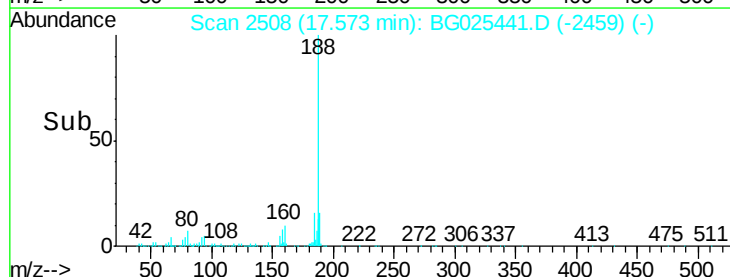
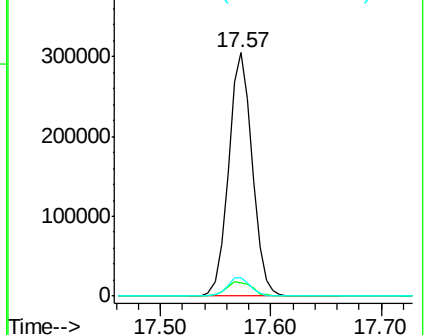
80 7.3 7.5 11.3#

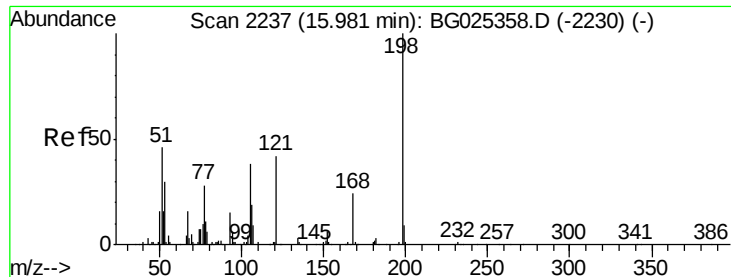


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

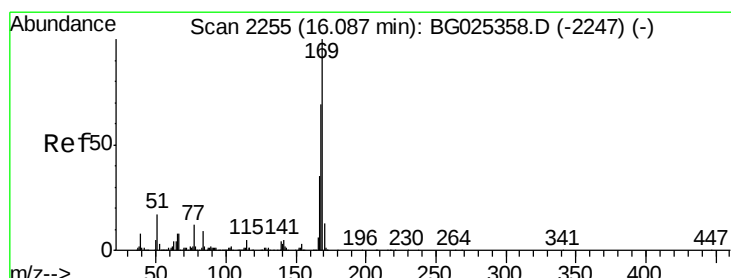
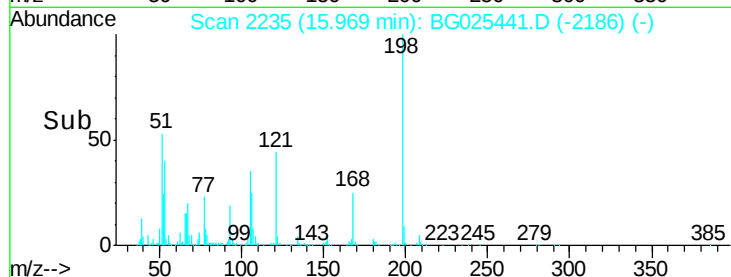
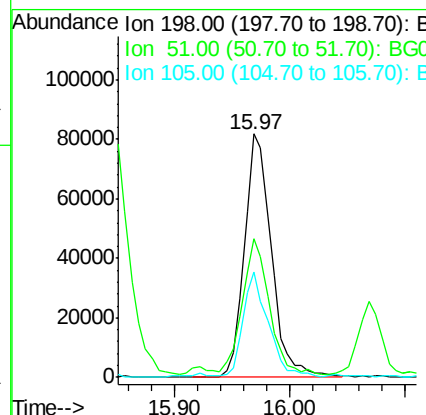
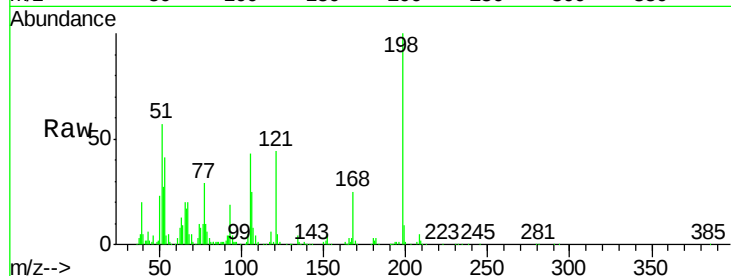




#64
4,6-Dinitro-2-methylphenol
Concen: 41.86 ng
RT: 15.97 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

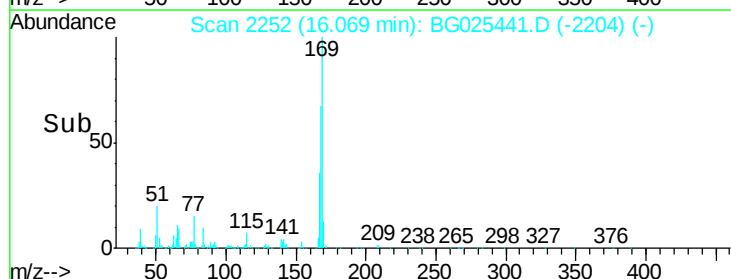
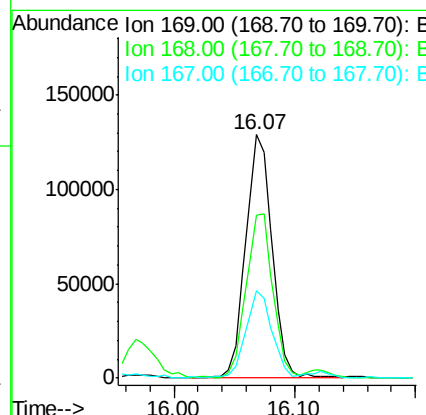
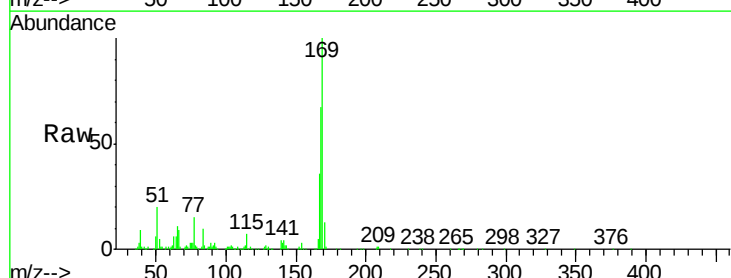
Instrument :
BNA_G
ClientSampleId :
L-SWITCH-SP-0-2-COMPMS

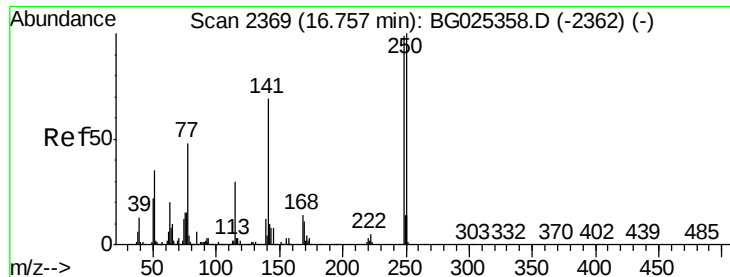
Tgt Ion:198 Resp: 132704
Ion Ratio Lower Upper
198 100
51 57.2 22.6 62.6
105 43.4 14.4 54.4



#65
n-Nitrosodiphenylamine
Concen: 16.01 ng
RT: 16.07 min Scan# 2252
Delta R.T. -0.02 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Tgt Ion:169 Resp: 198024
Ion Ratio Lower Upper
169 100
168 66.9 55.7 83.5
167 35.8 29.8 44.6

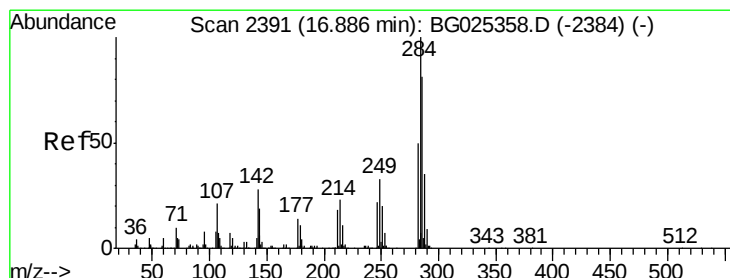
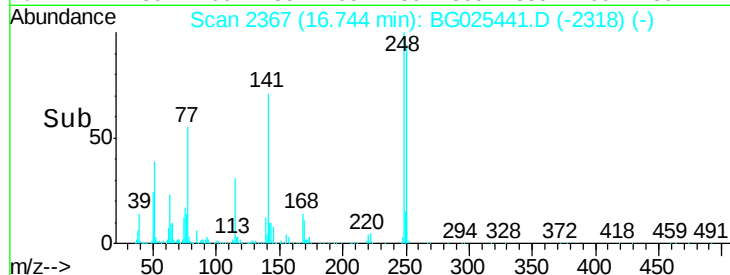
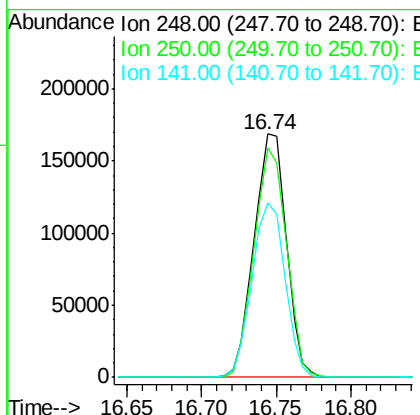
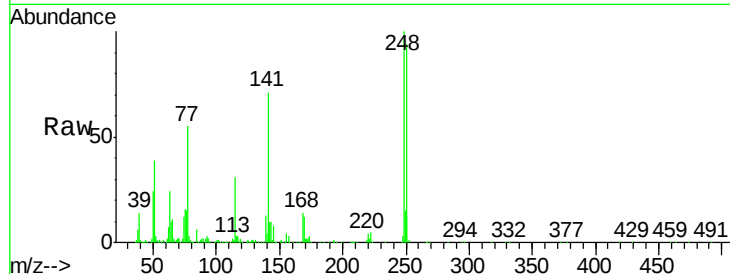




#66
4-Bromophenyl-phenylether
Concen: 44.56 ng
RT: 16.74 min Scan# 2367
Delta R.T. -0.01 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

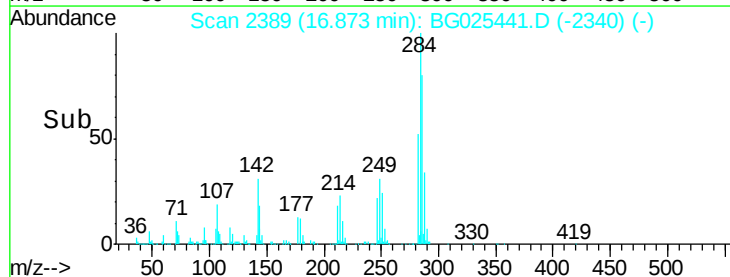
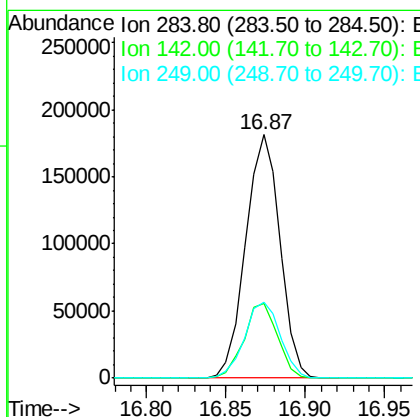
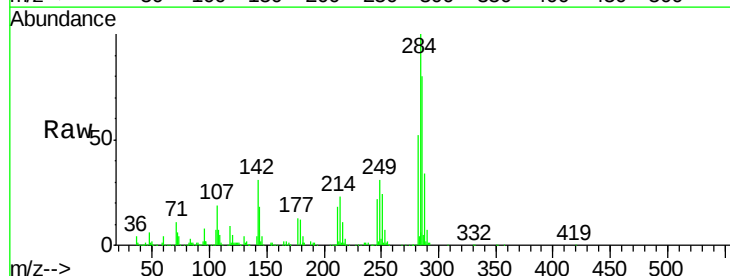
Instrument :
BNA_G
ClientSampleId :
L-SWITCH-SP-0-2-COMPMS

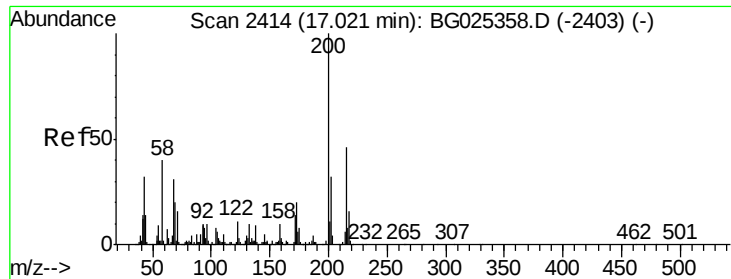
Tgt Ion:248 Resp: 251652
Ion Ratio Lower Upper
248 100
250 94.3 75.0 112.6
141 71.4 55.2 82.8



#67
Hexachlorobenzene
Concen: 42.03 ng
RT: 16.87 min Scan# 2389
Delta R.T. -0.01 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Tgt Ion:284 Resp: 272373
Ion Ratio Lower Upper
284 100
142 30.6 29.9 44.9
249 31.1 29.2 43.8

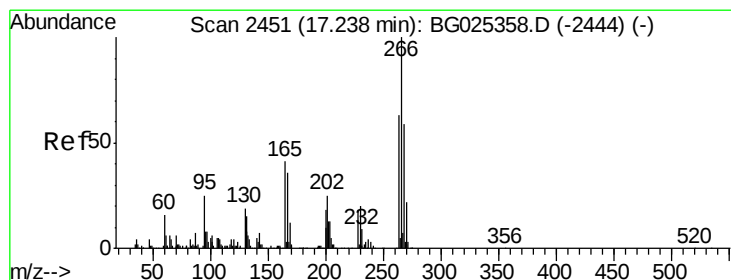
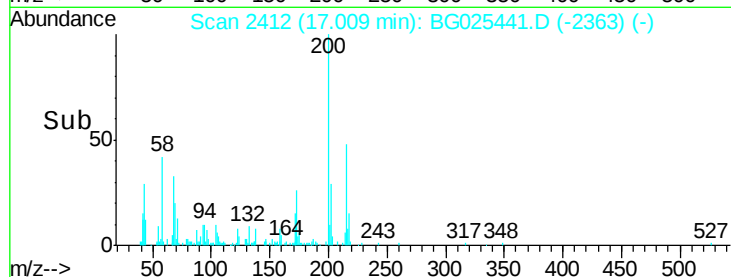
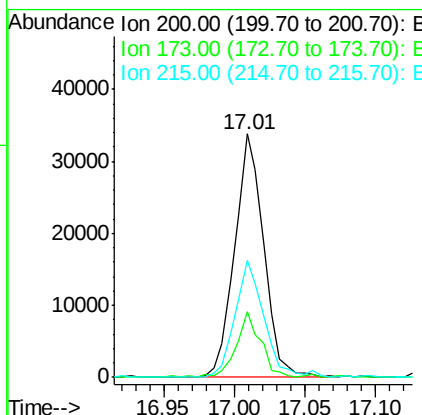
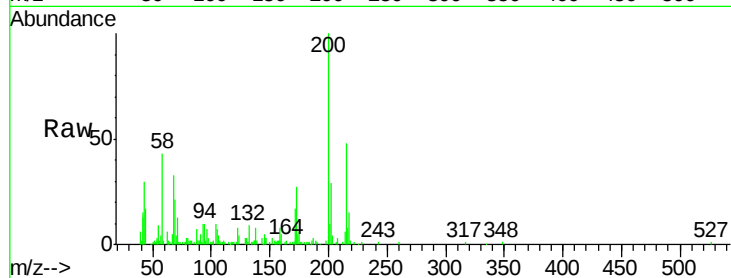




#68
Atrazine
Concen: 8.95 ng
RT: 17.01 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

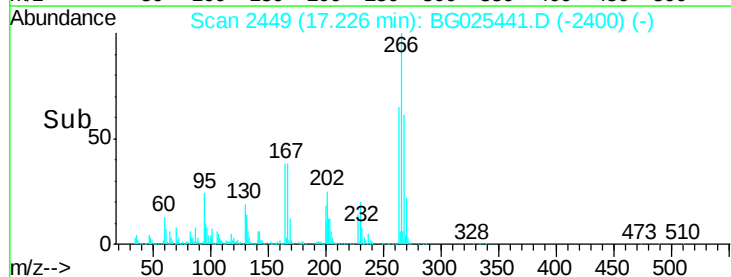
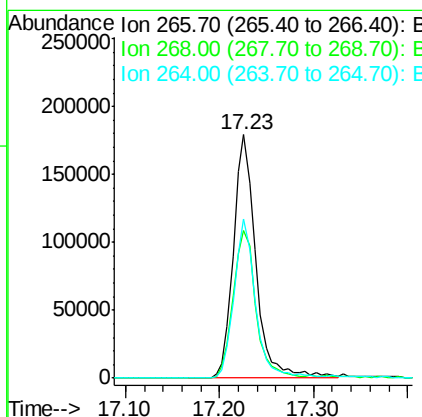
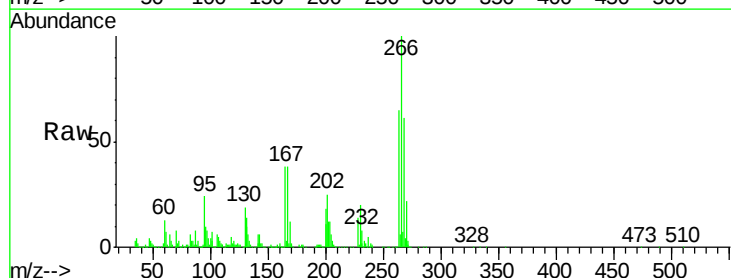
Instrument :
BNA_G
ClientSampleId :
L-SWITCH-SP-0-2-COMPMS

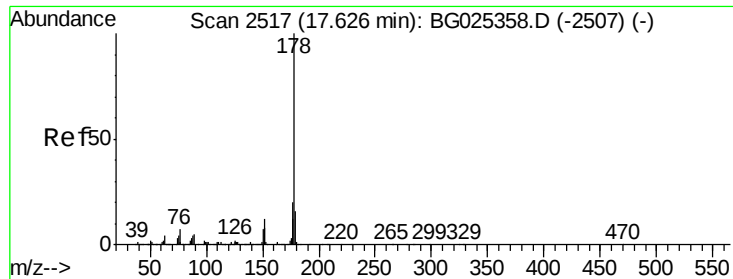
Tgt Ion:200 Resp: 48521
Ion Ratio Lower Upper
200 100
173 26.9 3.0 43.0
215 47.8 28.4 68.4



#69
Pentachlorophenol
Concen: 88.53 ng
RT: 17.23 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Tgt Ion:266 Resp: 297410
Ion Ratio Lower Upper
266 100
268 60.7 48.6 72.8
264 65.3 50.1 75.1





#70

Phenanthrene

Concen: 44.21 ng

RT: 17.61 min Scan# 2515

Delta R.T. -0.01 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

Instrument :

BNA_G

ClientSampleId :

L-SWITCH-SP-0-2-COMPMS

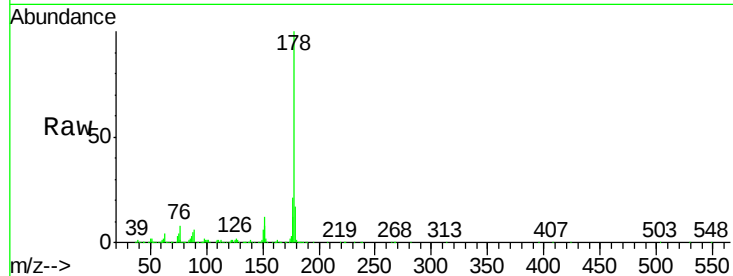
Tgt Ion:178 Resp: 1042689

Ion Ratio Lower Upper

178 100

176 21.5 17.7 26.5

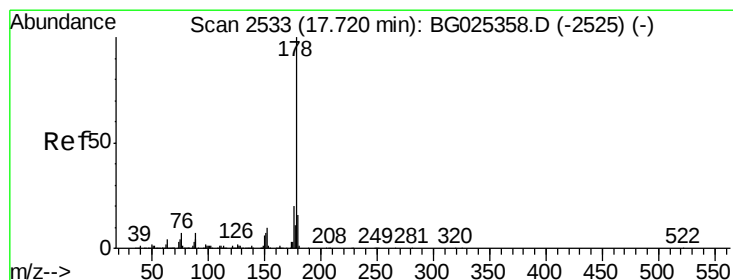
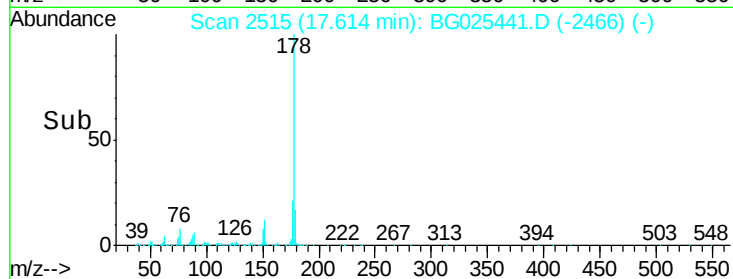
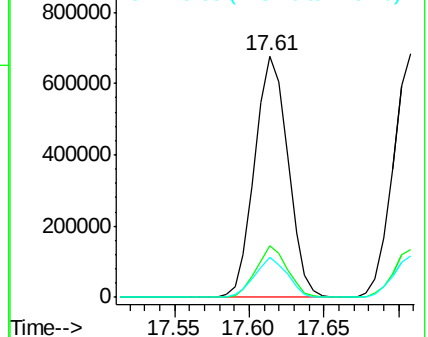
179 16.8 15.0 22.6



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: 44.48 ng

RT: 17.71 min Scan# 2531

Delta R.T. -0.01 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

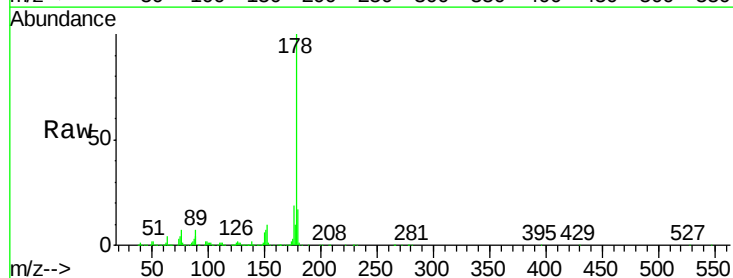
Tgt Ion:178 Resp: 1066096

Ion Ratio Lower Upper

178 100

176 19.5 16.4 24.6

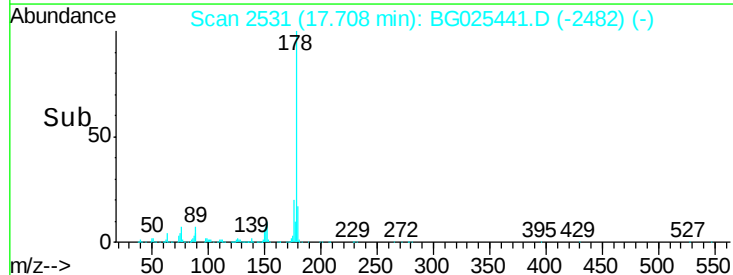
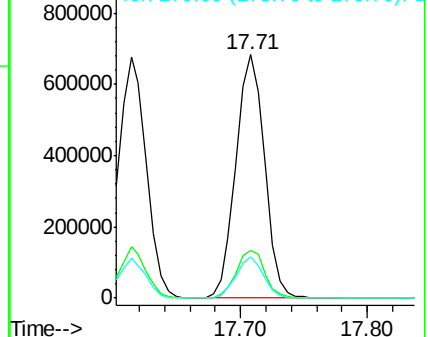
179 17.2 13.8 20.8

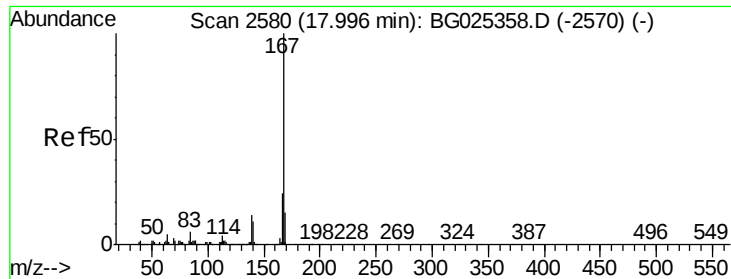


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 17.01 ng

RT: 17.98 min Scan# 2578

Delta R.T. -0.01 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

Instrument :

BNA_G

ClientSampleId :

L-SWITCH-SP-0-2-COMPMS

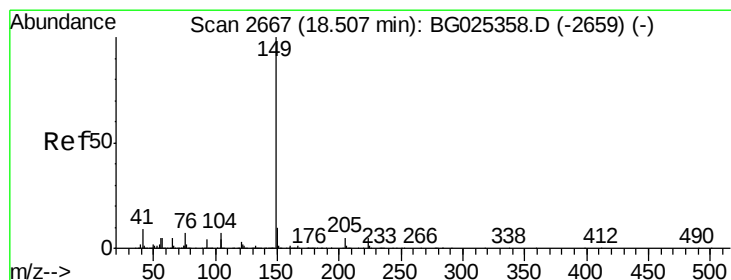
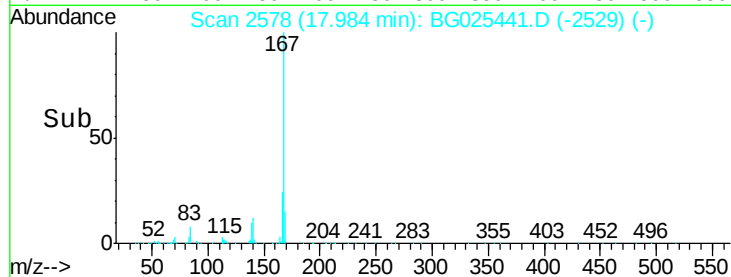
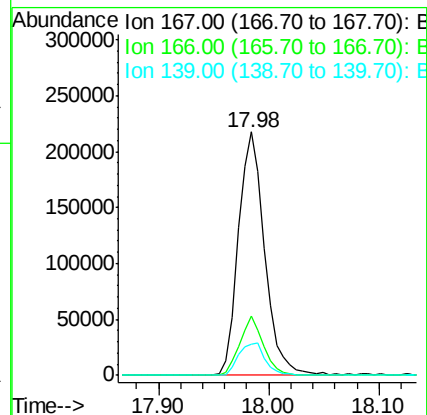
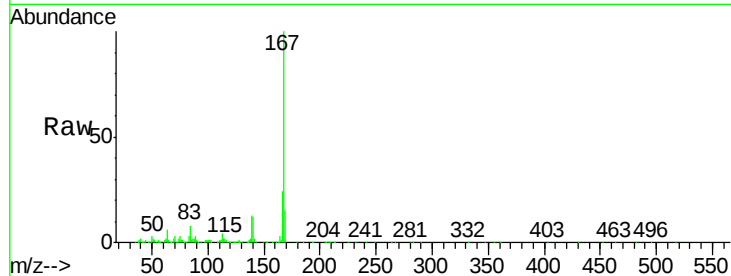
Tgt Ion:167 Resp: 364626

Ion Ratio Lower Upper

167 100

166 24.3 20.2 30.2

139 12.8 12.8 19.2#



#73

Di-n-butylphthalate

Concen: 43.76 ng

RT: 18.50 min Scan# 2665

Delta R.T. -0.01 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

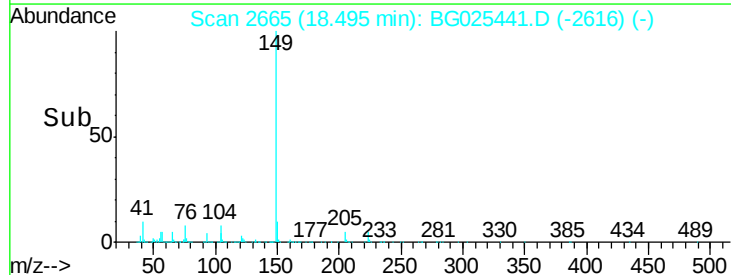
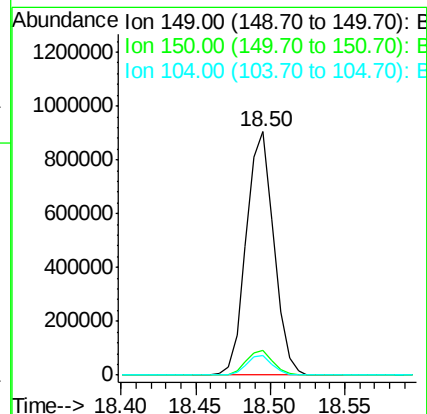
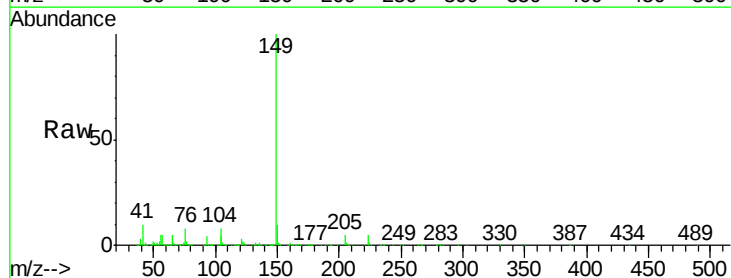
Tgt Ion:149 Resp: 1154133

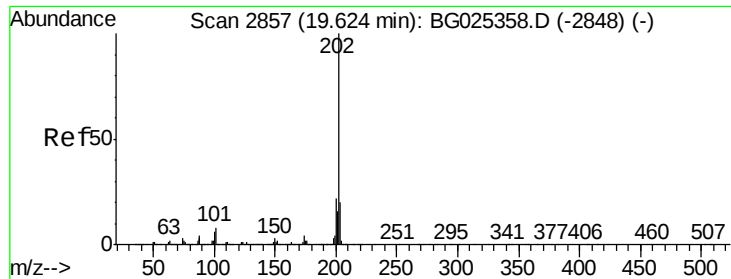
Ion Ratio Lower Upper

149 100

150 10.0 9.1 13.7

104 7.9 6.7 10.1

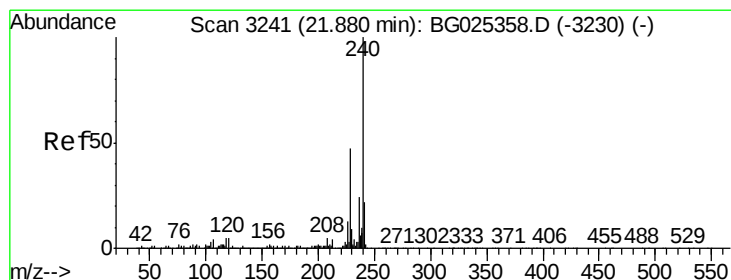
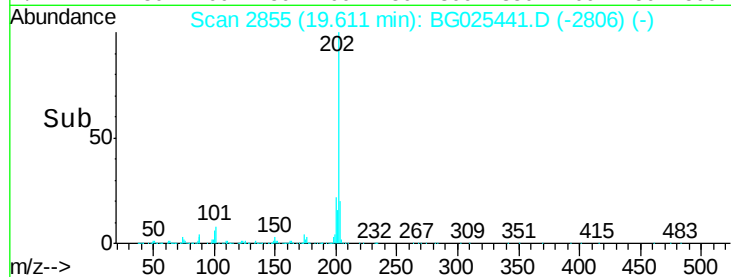
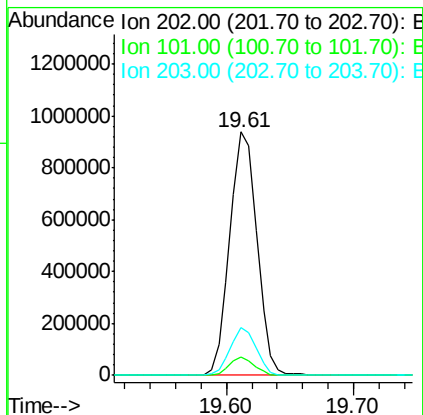
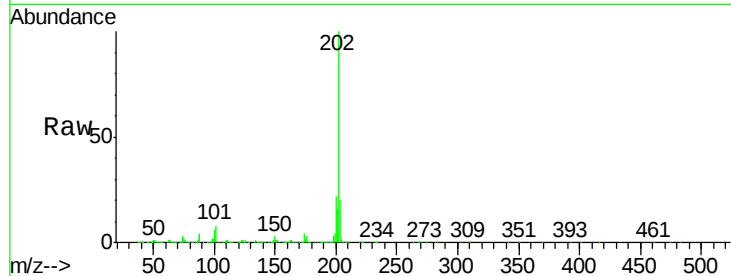




#74
 Fluoranthene
 Concen: 44.60 ng
 RT: 19.61 min Scan# 2855
 Delta R.T. -0.01 min
 Lab File: BG025441.D
 Acq: 9 Jan 2017 22:08

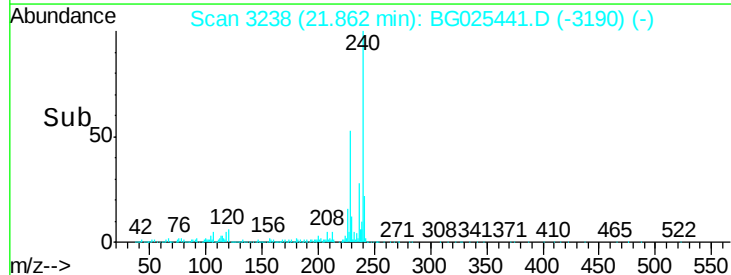
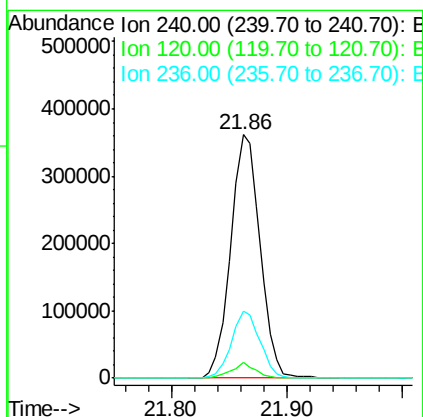
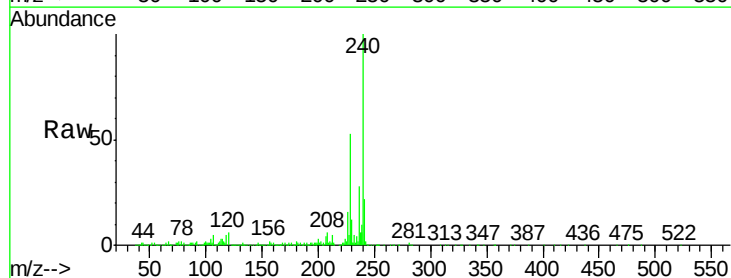
Instrument :
 BNA_G
 ClientSampleId :
 L-SWITCH-SP-0-2-COMPMS

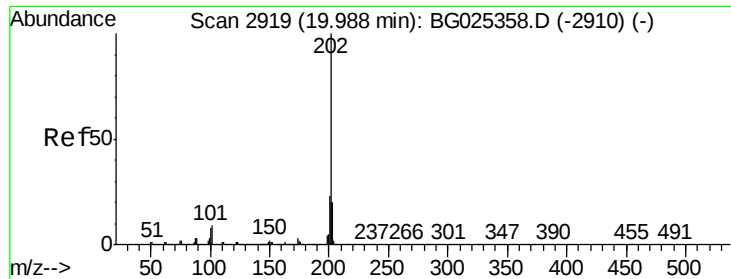
Tgt Ion:202 Resp: 1389464
 Ion Ratio Lower Upper
 202 100
 101 7.5 0.0 30.1
 203 19.5 1.3 41.3



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.86 min Scan# 3238
 Delta R.T. -0.02 min
 Lab File: BG025441.D
 Acq: 9 Jan 2017 22:08

Tgt Ion:240 Resp: 637199
 Ion Ratio Lower Upper
 240 100
 120 6.4 5.7 8.5
 236 27.7 22.2 33.4





#77

Pyrene

Concen: 42.65 ng

RT: 19.98 min Scan# 2917

Delta R.T. -0.01 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

Instrument :

BNA_G

ClientSampleId :

L-SWITCH-SP-0-2-COMPMS

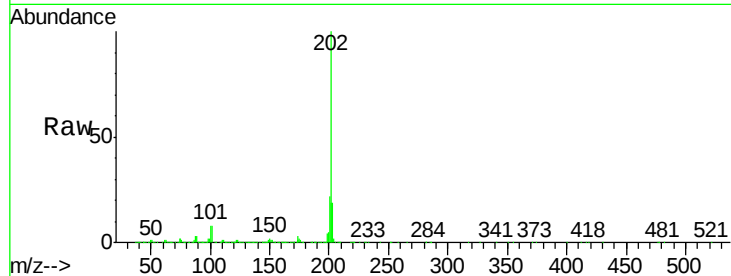
Tgt Ion:202 Resp: 1420193

Ion Ratio Lower Upper

202 100

200 21.7 19.6 29.4

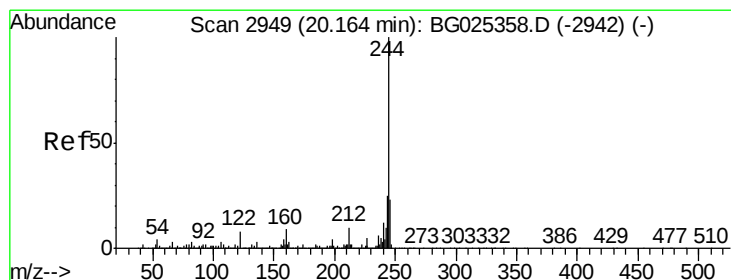
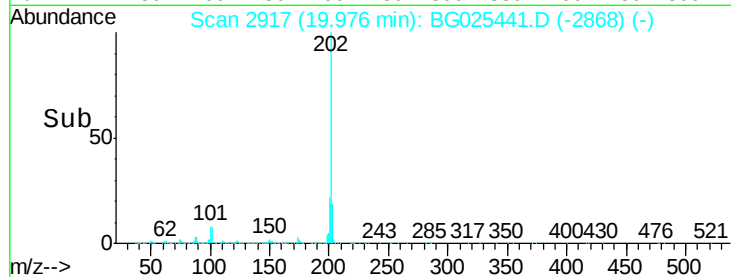
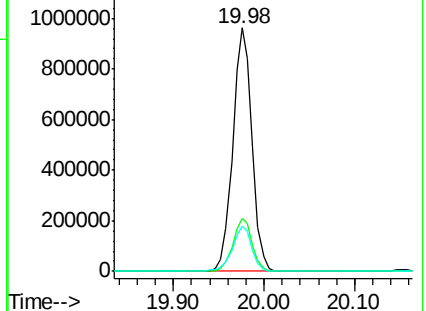
203 18.7 15.8 23.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 90.54 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.01 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

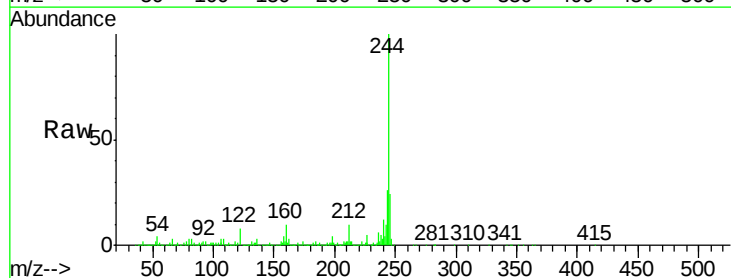
Tgt Ion:244 Resp: 2175996

Ion Ratio Lower Upper

244 100

212 10.5 10.0 15.0

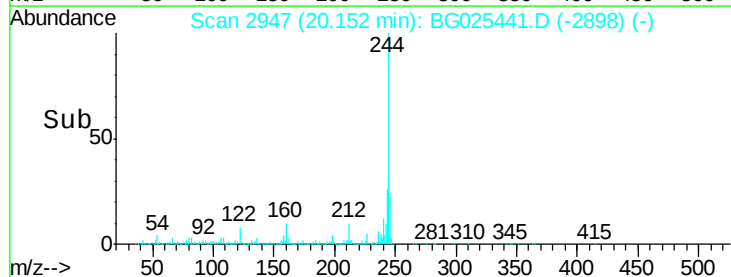
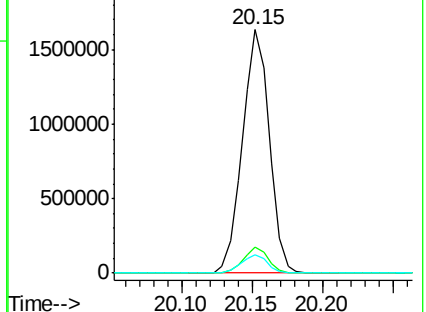
122 7.7 8.6 12.8#

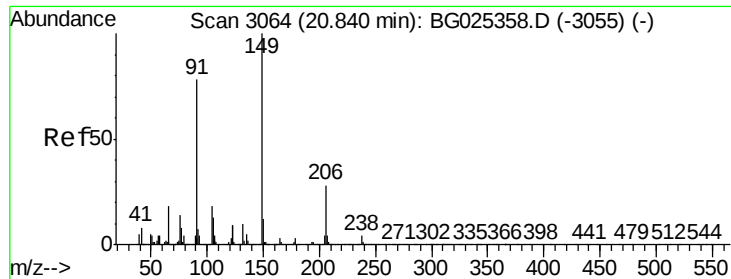


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 44.17 ng

RT: 20.82 min Scan# 3061

Delta R.T. -0.02 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

Instrument :

BNA_G

ClientSampleId :

L-SWITCH-SP-0-2-COMPMS

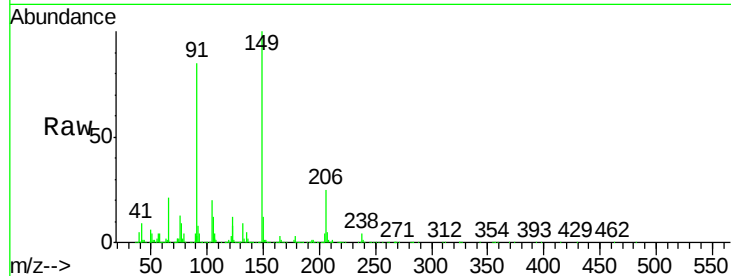
Tgt Ion:149 Resp: 590601

Ion Ratio Lower Upper

149 100

91 84.8 63.5 95.3

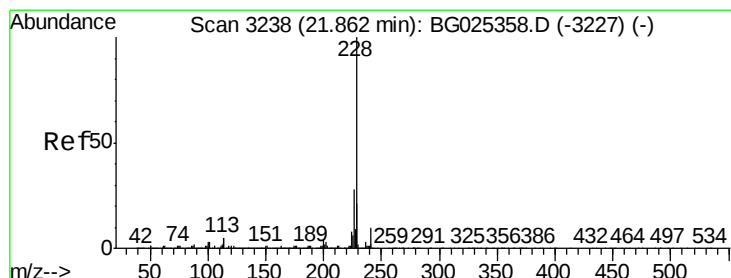
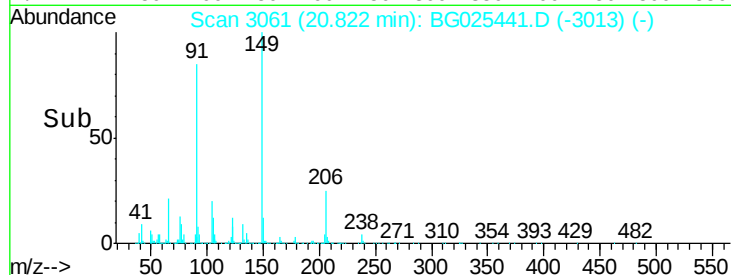
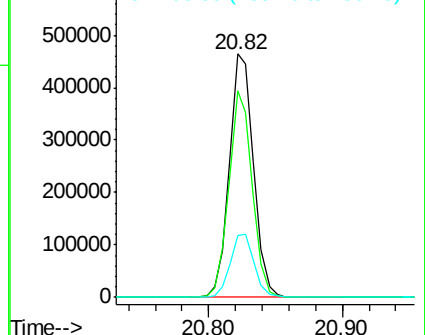
206 25.4 21.0 31.6



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: 43.34 ng

RT: 21.84 min Scan# 3234

Delta R.T. -0.02 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

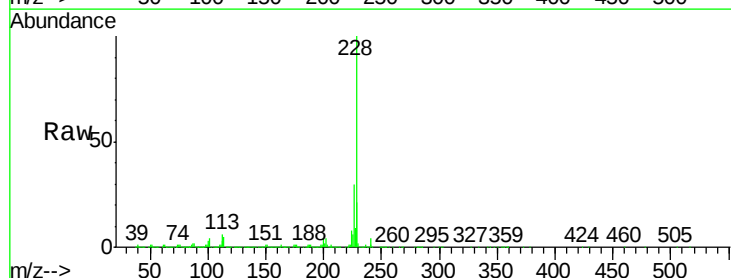
Tgt Ion:228 Resp: 1540274

Ion Ratio Lower Upper

228 100

226 29.8 24.9 37.3

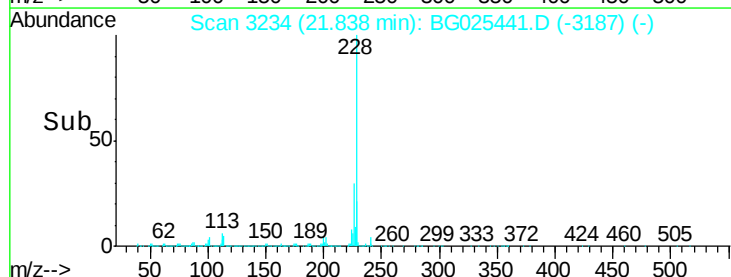
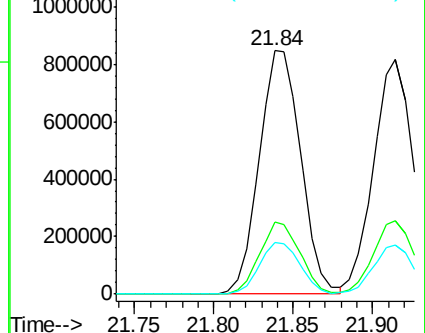
229 21.1 18.2 27.2

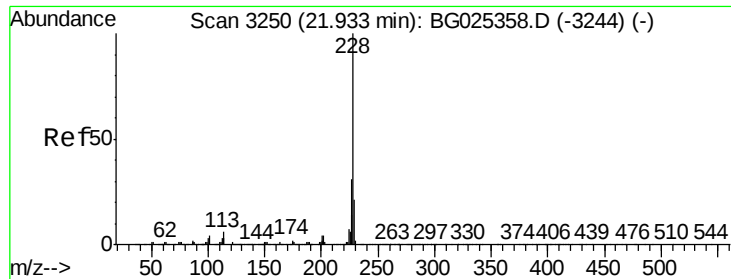


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 41.81 ng

RT: 21.91 min Scan# 3247

Delta R.T. -0.02 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

Instrument :

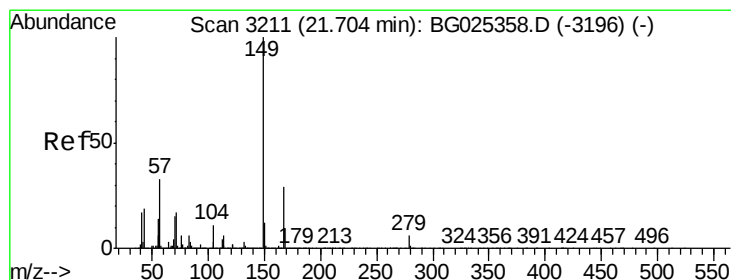
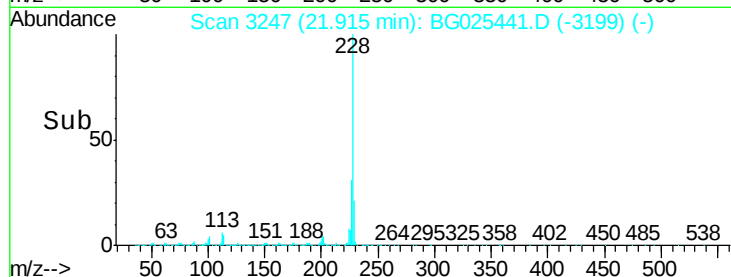
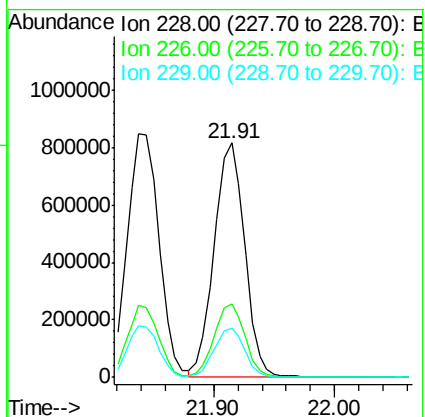
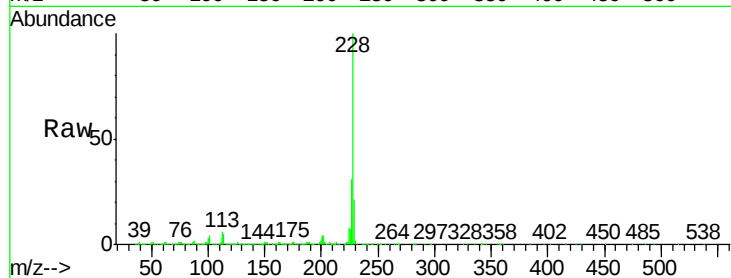
BNA_G

ClientSampleId :

L-SWITCH-SP-0-2-COMPMS

Tgt Ion:228 Resp: 1425078

Ion	Ratio	Lower	Upper
228	100		
226	31.4	27.0	40.4
229	21.2	17.8	26.6



#83

Bis(2-ethylhexyl)phthalate

Concen: 44.17 ng

RT: 21.69 min Scan# 3208

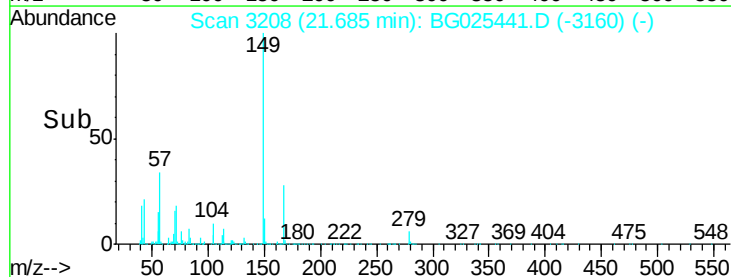
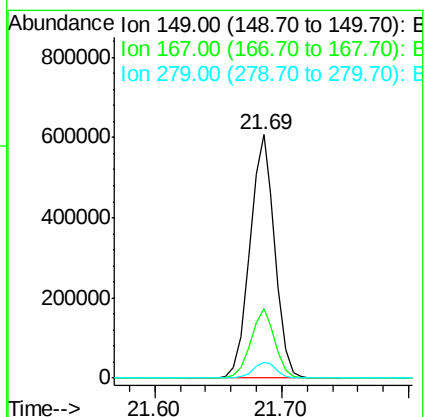
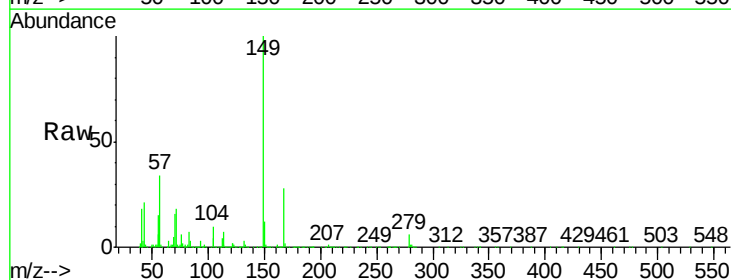
Delta R.T. -0.02 min

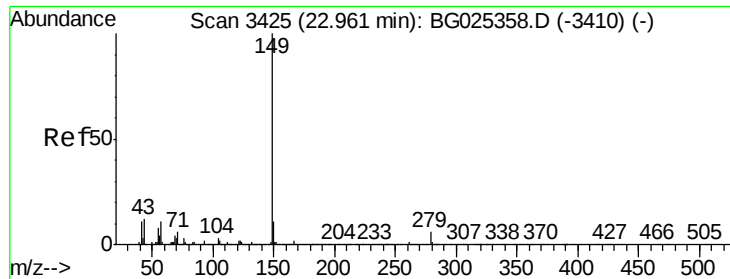
Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

Tgt Ion:149 Resp: 821987

Ion	Ratio	Lower	Upper
149	100		
167	28.4	23.7	35.5
279	6.4	4.6	6.8

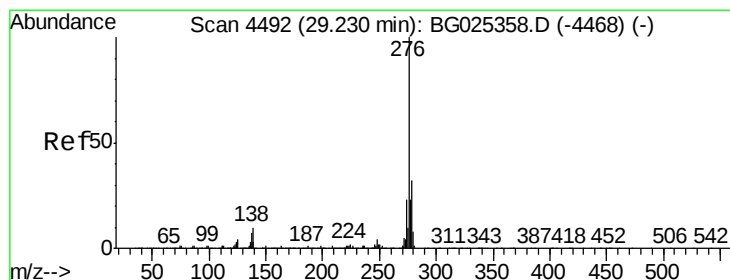
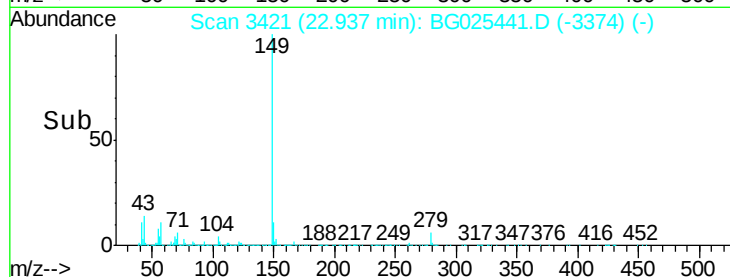
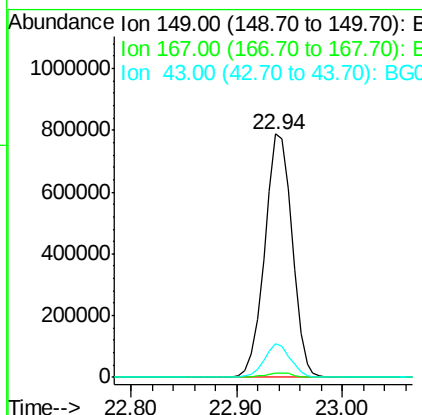
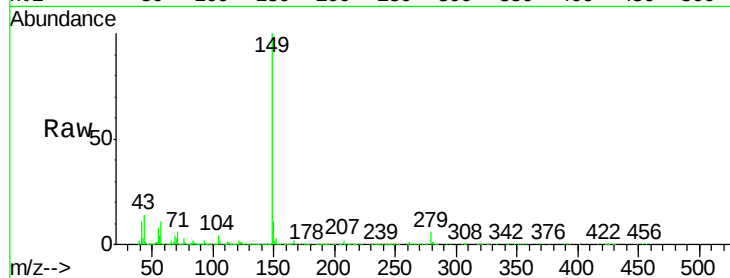




#84
Di-n-octyl phthalate
Concen: 45.79 ng
RT: 22.94 min Scan# 3421
Delta R.T. -0.02 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

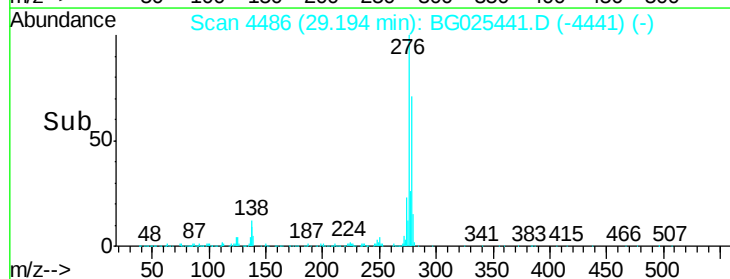
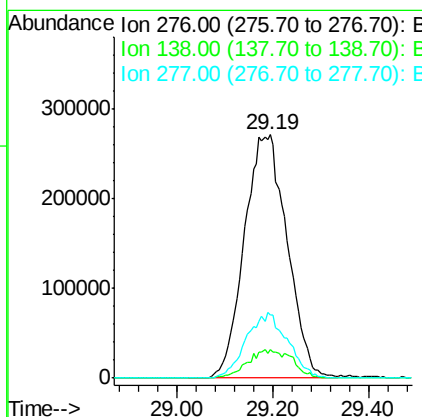
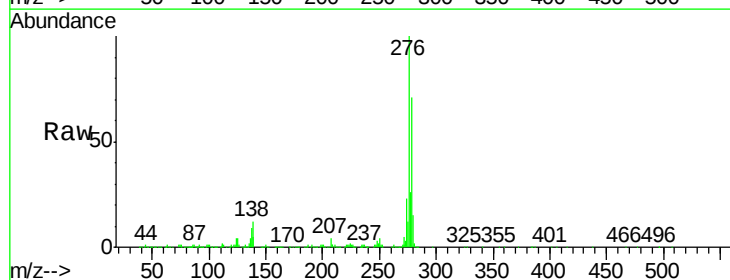
Instrument :
BNA_G
ClientSampleId :
L-SWITCH-SP-0-2-COMPMS

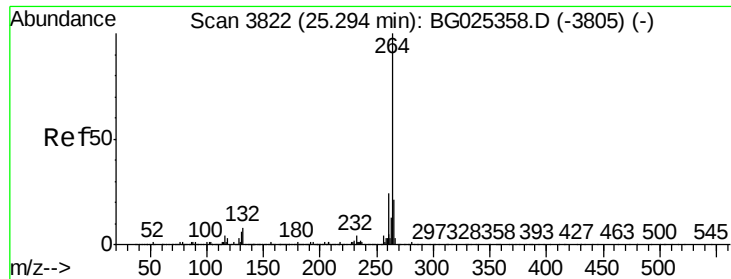
Tgt Ion:149 Resp: 1414747
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.2
43 13.1 11.8 17.6



#85
Indeno(1,2,3-cd)pyrene
Concen: 38.82 ng
RT: 29.19 min Scan# 4486
Delta R.T. -0.04 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Tgt Ion:276 Resp: 1682102
Ion Ratio Lower Upper
276 100
138 5.7 4.7 7.1
277 25.9 20.6 31.0



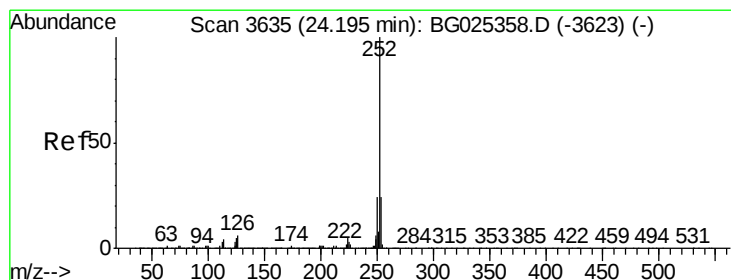
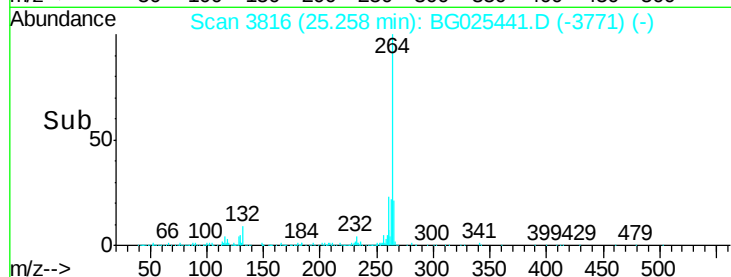
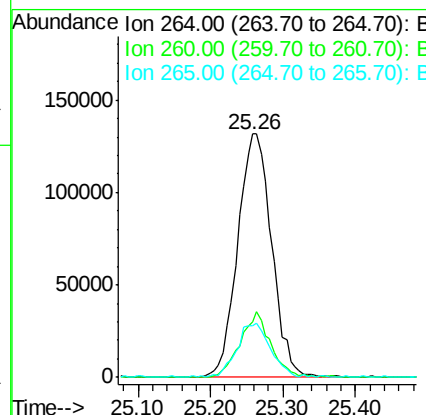
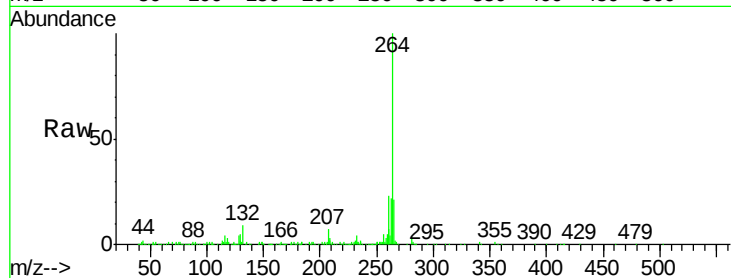


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.26 min Scan# 3816
Delta R.T. -0.04 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Instrument :
BNA_G
ClientSampleId :
L-SWITCH-SP-0-2-COMPMS

Tgt Ion: 264 Resp: 427810

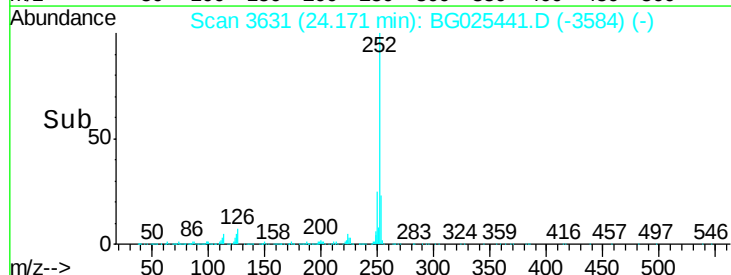
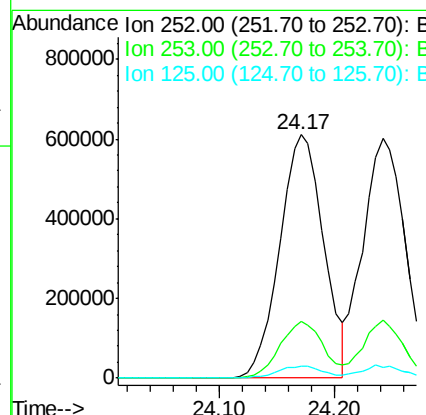
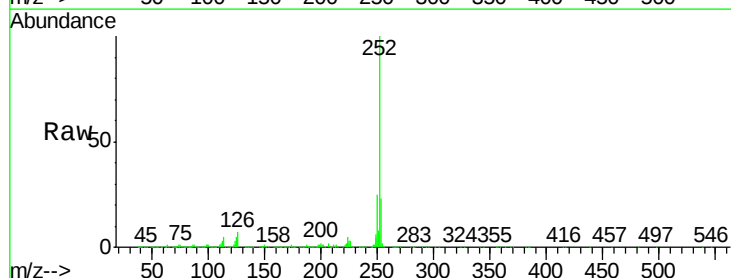
Ion	Ratio	Lower	Upper
264	100		
260	22.9	21.8	32.8
265	21.4	18.2	27.4

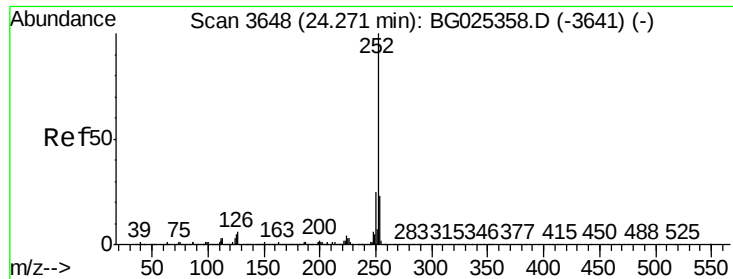


#87
Benzo(b)fluoranthene
Concen: 68.92 ng
RT: 24.17 min Scan# 3631
Delta R.T. -0.02 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Tgt Ion: 252 Resp: 1608648

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.7	28.1
125	4.9	5.3	7.9

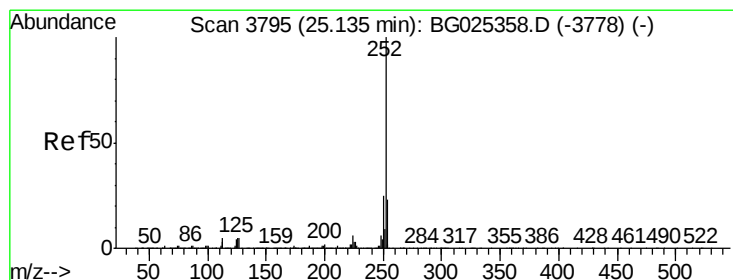
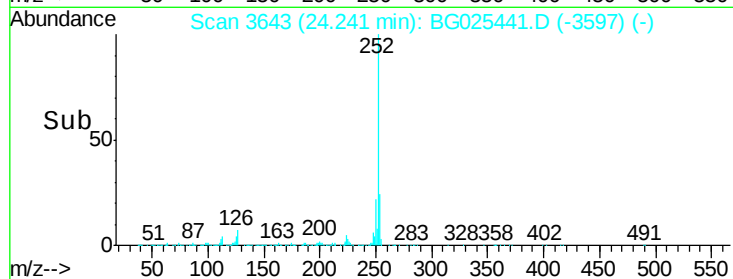
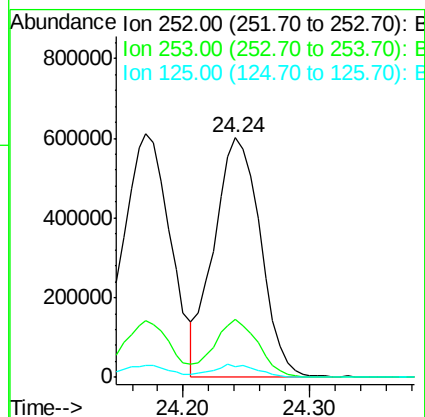
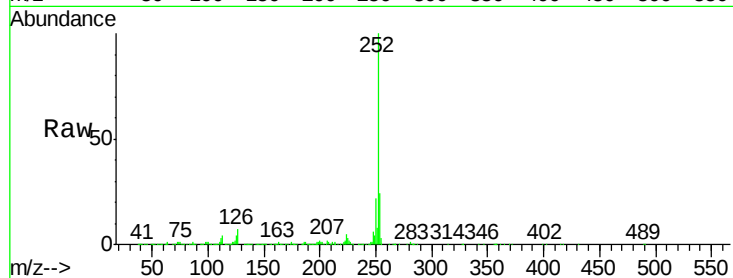




#88
Benzo(k)fluoranthene
Concen: 67.67 ng
RT: 24.24 min Scan# 3643
Delta R.T. -0.03 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

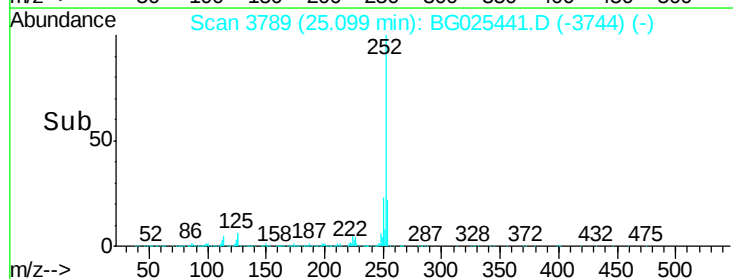
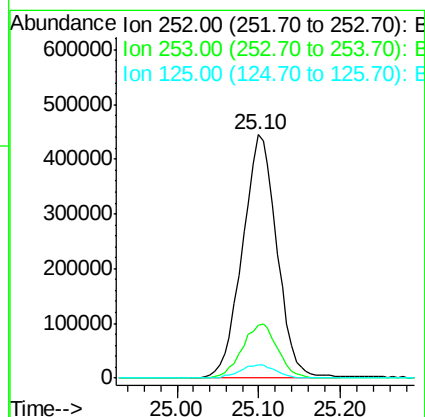
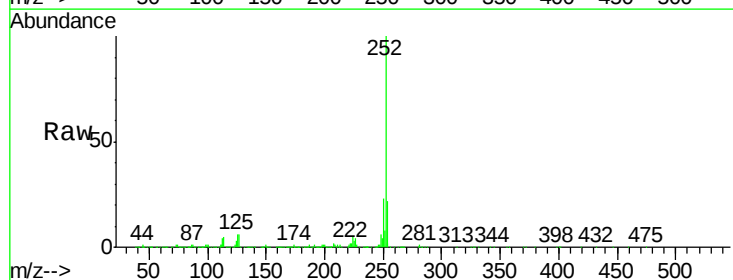
Instrument :
BNA_G
ClientSampleId :
L-SWITCH-SP-0-2-COMPMS

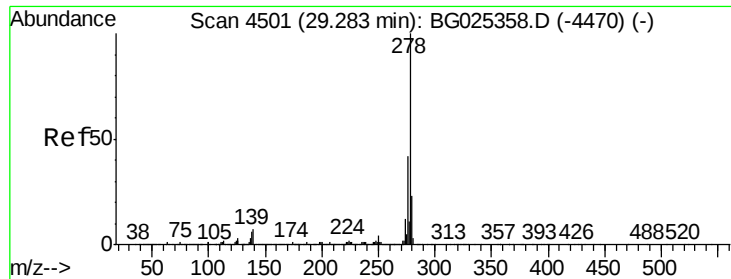
Tgt Ion:252 Resp: 1525369
Ion Ratio Lower Upper
252 100
253 24.2 20.2 30.2
125 4.4 5.1 7.7#



#89
Benzo(a)pyrene
Concen: 57.66 ng
RT: 25.10 min Scan# 3789
Delta R.T. -0.04 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Tgt Ion:252 Resp: 1299772
Ion Ratio Lower Upper
252 100
253 21.9 19.2 28.8
125 5.6 5.4 8.0





#90

Dibenzo(a,h)anthracene

Concen: 66.46 ng

RT: 29.23 min Scan# 4492

Delta R.T. -0.05 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

Instrument :

BNA_G

ClientSampleId :

L-SWITCH-SP-0-2-COMPMS

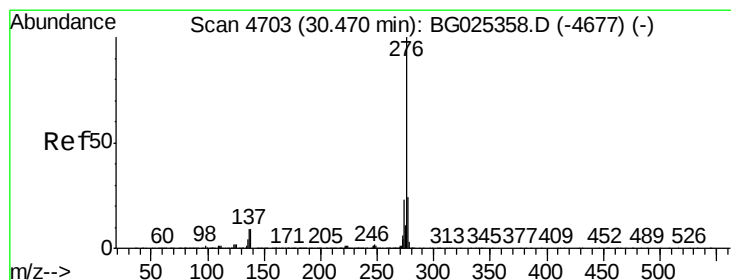
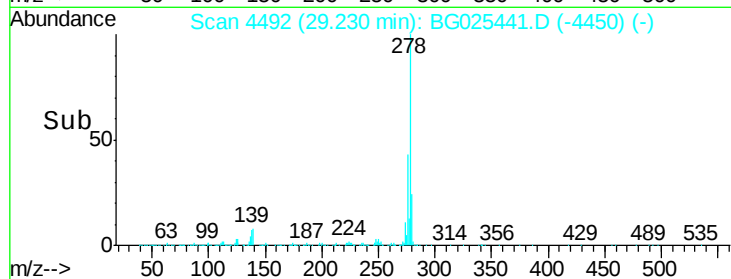
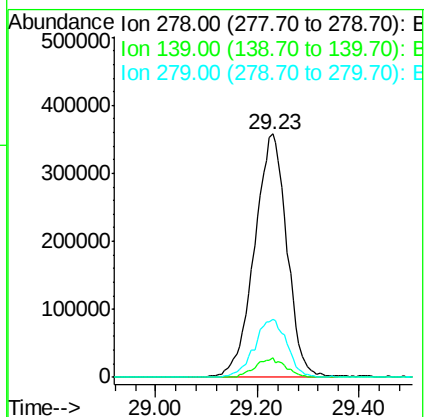
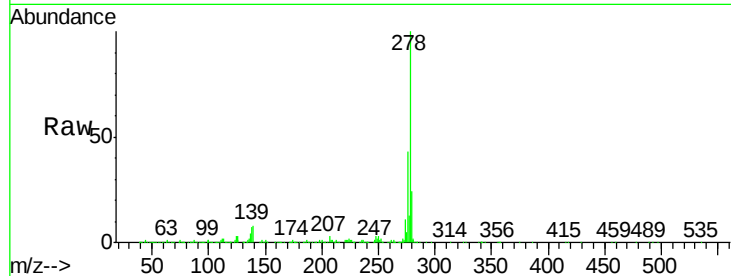
Tgt Ion:278 Resp: 1587962

Ion Ratio Lower Upper

278 100

139 7.9 7.7 11.5

279 23.6 19.1 28.7



#91

Benzo(g,h,i)perylene

Concen: 52.71 ng

RT: 30.42 min Scan# 4694

Delta R.T. -0.05 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

Tgt Ion:276 Resp: 1251451

Ion Ratio Lower Upper

276 100

277 22.7 18.6 27.8

138 9.1 8.1 12.1

