

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
 Data File : BG022554.D
 Acq On : 25 Jun 2016 1:27
 Operator : UM/SJ
 Sample : H3633-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW35

Quant Time: Jun 25 02:06:10 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	103022	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	404430	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	283579	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	780139	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1035435	20.00	ng	0.00
86) Perylene-d12	25.21	264	1038025	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	214797	33.44	ng	0.00
7) Phenol-d6	7.30	99	219060	24.20	ng	0.00
23) Nitrobenzene-d5	9.34	82	835959	87.48	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	356671	79.97	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1628250	91.06	ng	0.00
78) Terphenyl-d14	20.16	244	2817773	72.10	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	185	0.07	ng	# 1
3) Pyridine	3.99	79	378	0.05	ng	# 24
4) n-Nitrosodimethylamine	3.89	42	641	0.15	ng	# 57
6) Aniline	7.50	93	228	0.02	ng	# 61
8) 2-Chlorophenol	7.72	128	242	0.04	ng	# 1
9) Benzaldehyde	7.30	77	1689	0.53	ng	# 8
10) Phenol	7.33	94	411	0.04	ng	# 1
11) bis(2-Chloroethyl)ether	7.57	93	64	0.01	ng	# 21
12) 1,3-Dichlorobenzene	8.05	146	65	0.01	ng	# 15
13) 1,4-Dichlorobenzene	8.21	146	199	0.02	ng	# 21
14) 1,2-Dichlorobenzene	8.50	146	482	0.06	ng	# 1
15) Benzyl Alcohol	8.48	79	18260	2.18	ng	# 53
16) 2,2'-oxybis(1-Chloropropan	8.71	45	145	0.02	ng	# 58
17) 2-Methylphenol	8.60	107	318	0.05	ng	# 18
18) Hexachloroethane	9.27	117	62	0.02	ng	# 1
19) n-Nitroso-di-n-propylamine	8.97	70	416	0.06	ng	# 72
20) 3+4-Methylphenols	8.92	107	197	0.02	ng	# 1
22) Acetophenone	8.97	105	670	0.06	ng	# 78
24) Nitrobenzene	9.35	77	3683	0.35	ng	# 46
25) Isophorone	9.90	82	70	0.00	ng	# 69
26) 2-Nitrophenol	10.15	139	54	0.01	ng	# 1
27) 2,4-Dimethylphenol	10.15	122	126	0.02	ng	# 33
28) bis(2-Chloroethoxy)methane	10.40	93	101	0.01	ng	# 1
29) 2,4-Dichlorophenol	10.62	162	87	0.01	ng	# 25
30) 1,2,4-Trichlorobenzene	10.86	180	121	0.01	ng	# 14
31) Naphthalene	11.03	128	966	0.05	ng	# 67
32) Benzoic acid	10.21	122	259	5.16	ng	# 1
33) 4-Chloroaniline	11.16	127	338	0.04	ng	# 1
34) Hexachlorobutadiene	11.32	225	90	0.01	ng	# 26
35) Caprolactam	11.91	113	123	0.06	ng	# 13
36) 4-Chloro-3-methylphenol	12.26	107	262	0.03	ng	# 26
37) 2-Methylnaphthalene	12.63	142	276	0.02	ng	# 29
39) 1,2,4,5-Tetrachlorobenzene	13.01	216	196	0.02	ng	# 9
40) Hexachlorocyclopentadiene	13.00	237	133	0.02	ng	# 26

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	118	0.02	ng	# 11
43) 2,4,5-Trichlorophenol	13.32	196	67	0.01	ng	# 12
45) 1,1'-Biphenyl	13.57	154	175	0.01	ng	# 84
46) 2-Chloronaphthalene	13.68	162	248	0.01	ng	# 38
47) 2-Nitroaniline	13.89	65	254	0.04	ng	# 33
48) Acenaphthylene	14.52	152	960	0.04	ng	# 53
49) Dimethylphthalate	14.25	163	2504	0.11	ng	# 95
50) 2,6-Dinitrotoluene	14.35	165	290	0.06	ng	# 50
51) Acenaphthene	14.86	154	3536	0.19	ng	# 75
52) 3-Nitroaniline	14.69	138	166	0.03	ng	# 24
53) 2,4-Dinitrophenol	14.89	184	192	0.06	ng	# 1
54) Dibenzofuran	15.20	168	967	0.04	ng	# 88
55) 4-Nitrophenol	14.98	139	256	0.06	ng	# 43
56) 2,4-Dinitrotoluene	15.16	165	482	0.07	ng	# 33
57) Fluorene	15.85	166	314	0.01	ng	# 54
58) 2,3,4,6-Tetrachlorophenol	15.43	232	275	0.04	ng	# 23
59) Diethylphthalate	15.61	149	6907	0.29	ng	# 93
60) 4-Chlorophenyl-phenylether	15.85	204	410	0.03	ng	# 48
61) 4-Nitroaniline	15.87	138	243	0.05	ng	# 74
62) Azobenzene	16.36	77	497	0.02	ng	# 97
64) 4,6-Dinitro-2-methylphenol	15.91	198	180	0.03	ng	# 1
65) n-Nitrosodiphenylamine	16.22	169	1106	0.05	ng	# 95
66) 4-Bromophenyl-phenylether	16.79	248	68	0.01	ng	# 12
67) Hexachlorobenzene	16.82	284	54	0.01	ng	# 40
68) Atrazine	16.99	200	152	0.02	ng	# 16
69) Pentachlorophenol	17.23	266	58	0.01	ng	# 1
70) Phenanthrene	17.60	178	1577	0.04	ng	# 55
71) Anthracene	17.68	178	5386	0.13	ng	# 75
72) Carbazole	17.98	167	289	0.01	ng	# 55
73) Di-n-butylphthalate	18.52	149	2856	0.07	ng	# 57
74) Fluoranthene	19.59	202	2262	0.05	ng	# 64
76) Benzidine	19.79	184	439	0.04	ng	# 1
77) Pyrene	19.96	202	3225	0.06	ng	# 69
79) Butylbenzylphthalate	20.77	149	753	0.03	ng	# 90
80) Benzo(a)anthracene	21.84	228	5908	0.10	ng	# 85
81) 3,3'-Dichlorobenzidine	21.74	252	505	0.02	ng	# 76
82) Chrysene	21.89	228	4157	0.08	ng	# 79
83) Bis(2-ethylhexyl)phthalate	21.73	149	11335	0.34	ng	# 86
84) Di-n-octyl phthalate	23.00	149	1597	0.03	ng	# 61
85) Indeno(1,2,3-cd)pyrene	29.06	276	679	0.01	ng	# 100
87) Benzo(b)fluoranthene	24.13	252	6642	0.11	ng	# 92
88) Benzo(k)fluoranthene	24.21	252	5117	0.09	ng	# 84
89) Benzo(a)pyrene	25.05	252	4954	0.08	ng	# 57
90) Dibenzo(a,h)anthracene	29.11	278	6610	0.12	ng	# 65
91) Benzo(g,h,i)perylene	30.23	276	849	0.01	ng	# 67

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.17 min Scan# 907

Delta R.T. -0.01 min

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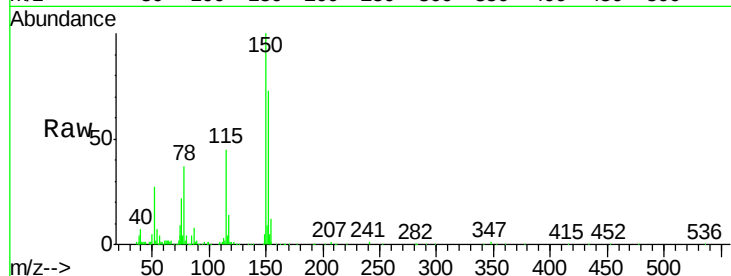
Tgt Ion:152 Resp: 103022

Ion Ratio Lower Upper

152 100

150 137.7 144.7 217.1#

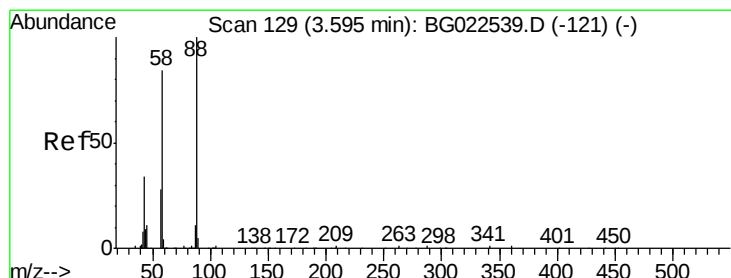
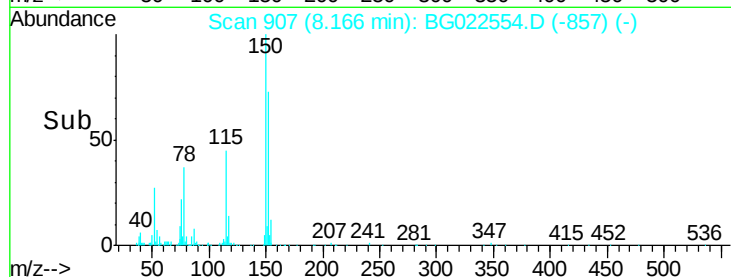
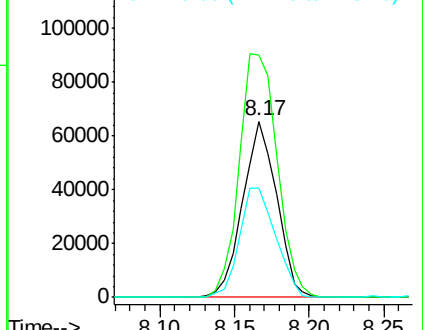
115 62.4 64.0 96.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.07 ng

RT: 3.58 min Scan# 127

Delta R.T. -0.01 min

Lab File: BG022554.D

Acq: 25 Jun 2016 1:27

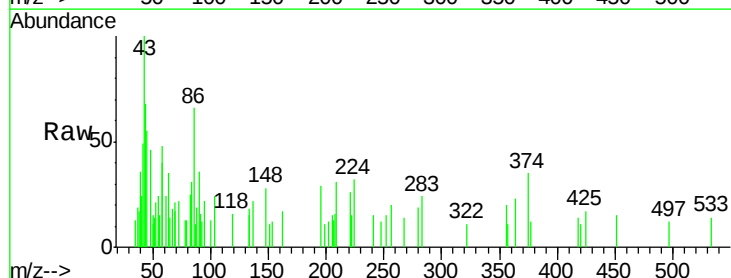
Tgt Ion: 88 Resp: 185

Ion Ratio Lower Upper

88 100

58 576.2 60.4 90.6#

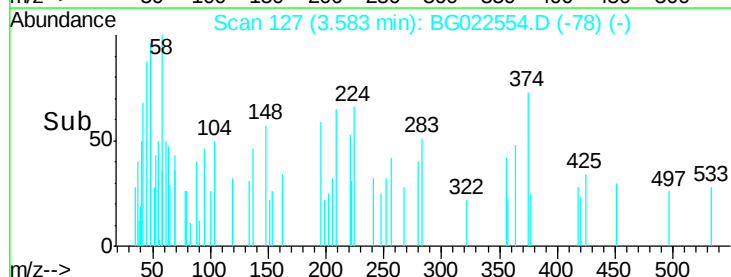
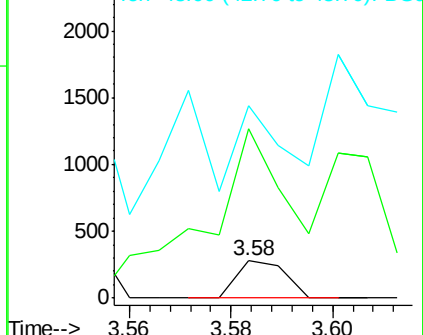
43 286.5 31.1 46.7#

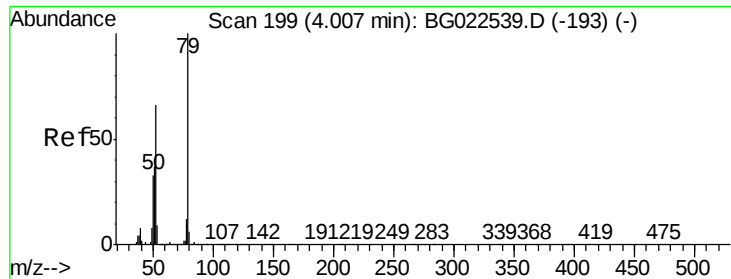


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

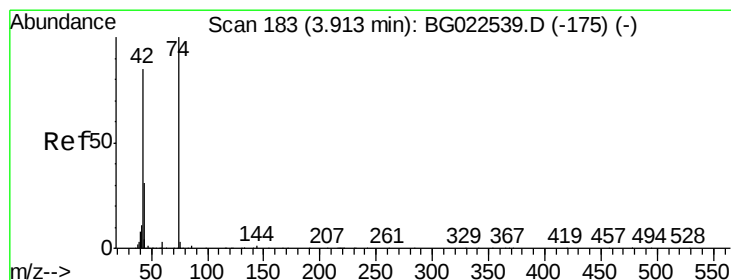
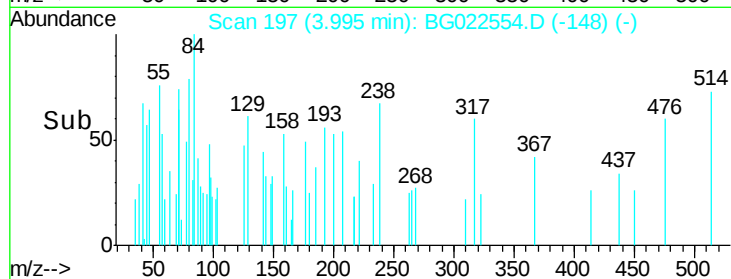
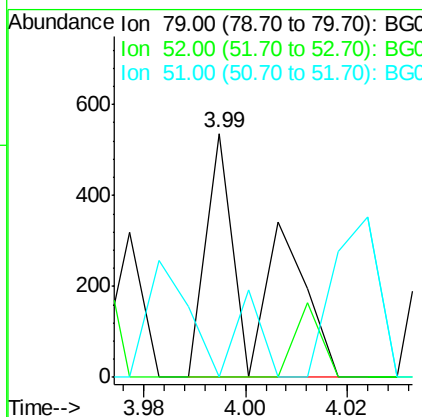
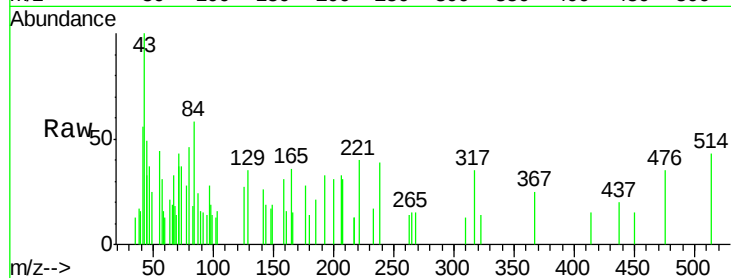




#3
 Pyridine
 Concen: 0.05 ng
 RT: 3.99 min Scan# 197
 Delta R.T. -0.01 min
 Lab File: BG022554.D
 Acq: 25 Jun 2016 1:27

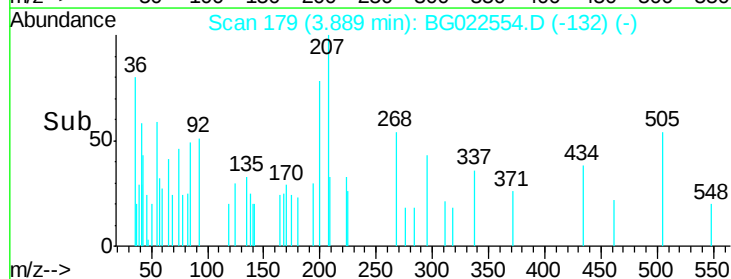
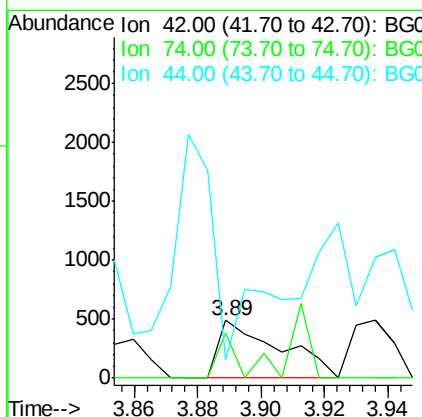
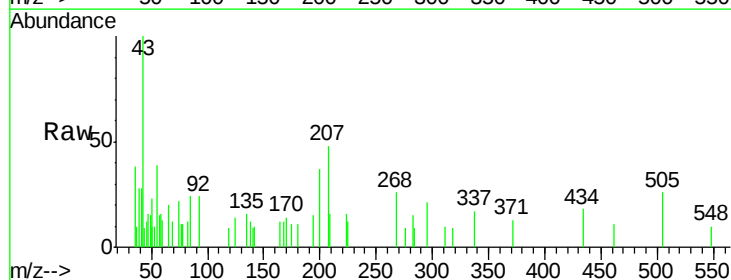
Instrument :
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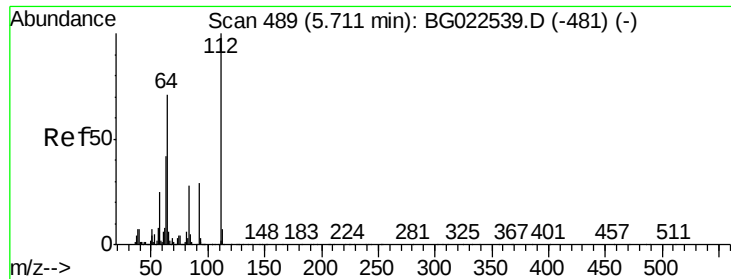
Tgt Ion: 79 Resp: 378
 Ion Ratio Lower Upper
 79 100
 52 0.0 51.8 77.8#
 51 0.0 32.7 49.1#



#4
 n-Nitrosodimethylamine
 Concen: 0.15 ng
 RT: 3.89 min Scan# 179
 Delta R.T. -0.02 min
 Lab File: BG022554.D
 Acq: 25 Jun 2016 1:27

Tgt Ion: 42 Resp: 641
 Ion Ratio Lower Upper
 42 100
 74 78.6 100.6 150.8#
 44 32.4 4.5 6.7#





#5

2-Fluorophenol

Concen: 33.44 ng

RT: 5.70 min Scan# 488

Delta R.T. -0.00 min

Lab File: BG022554.D

Acq: 25 Jun 2016 1:27

Instrument :

BNA_G

ClientSampleId :

MW35

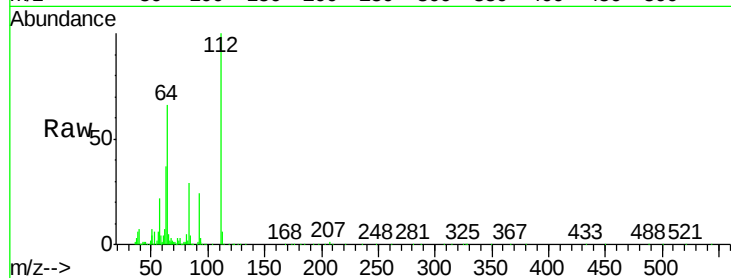
Tgt Ion: 112 Resp: 214797

Ion Ratio Lower Upper

112 100

64 65.8 59.0 88.4

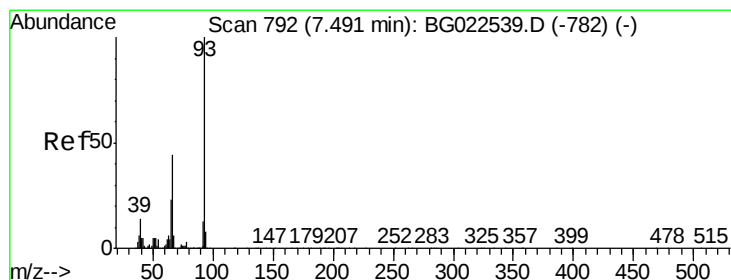
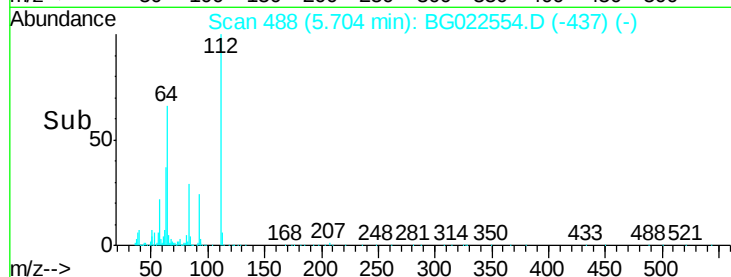
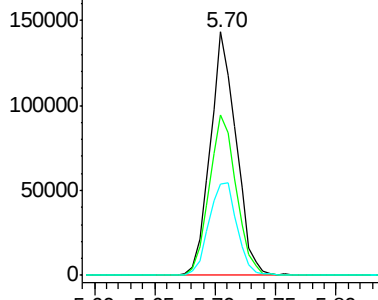
63 37.3 37.8 56.8#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.02 ng

RT: 7.50 min Scan# 793

Delta R.T. 0.01 min

Lab File: BG022554.D

Acq: 25 Jun 2016 1:27

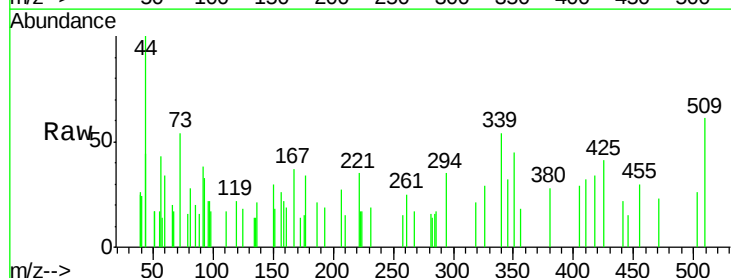
Tgt Ion: 93 Resp: 228

Ion Ratio Lower Upper

93 100

66 60.4 37.5 56.3#

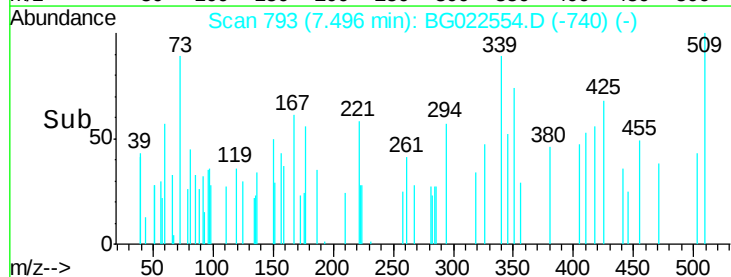
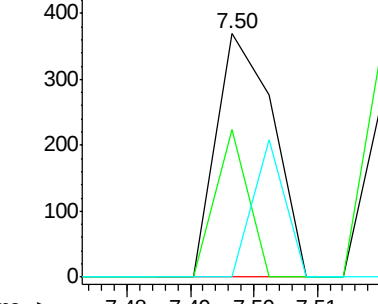
65 60.4 17.9 26.9#



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: 24.20 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG022554.D

Acq: 25 Jun 2016 1:27

Instrument :

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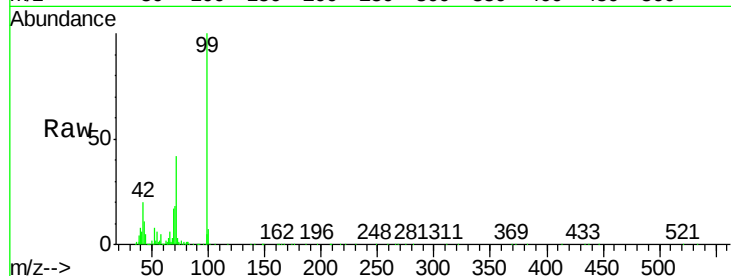
Tgt Ion: 99 Resp: 219060

Ion Ratio Lower Upper

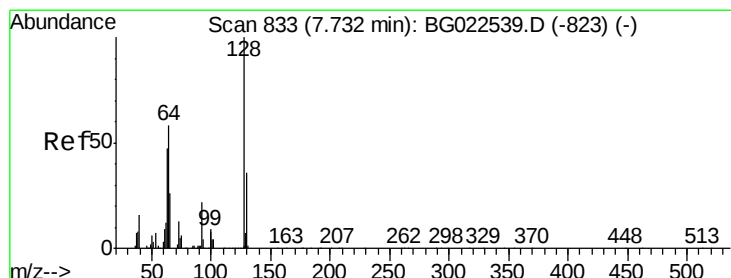
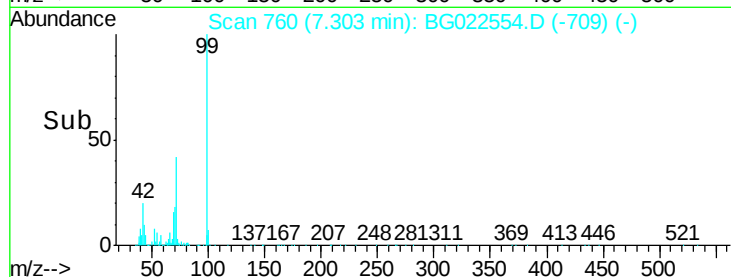
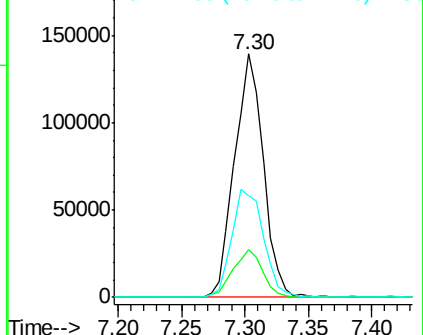
99 100

42 19.8 17.8 26.6

71 41.8 41.5 62.3



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: 0.04 ng

RT: 7.72 min Scan# 831

Delta R.T. -0.01 min

Lab File: BG022554.D

Acq: 25 Jun 2016 1:27

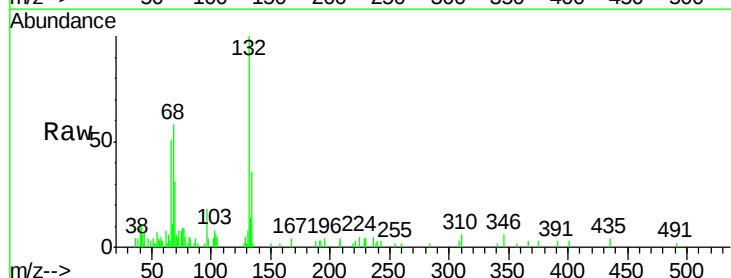
Tgt Ion: 128 Resp: 242

Ion Ratio Lower Upper

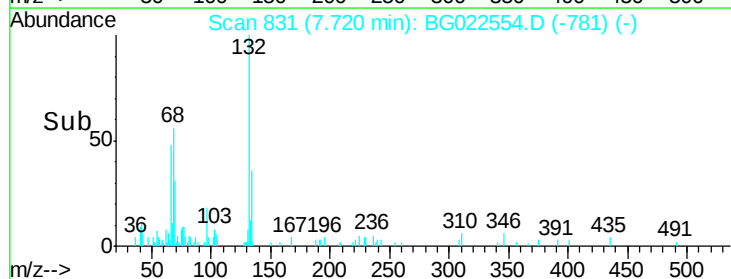
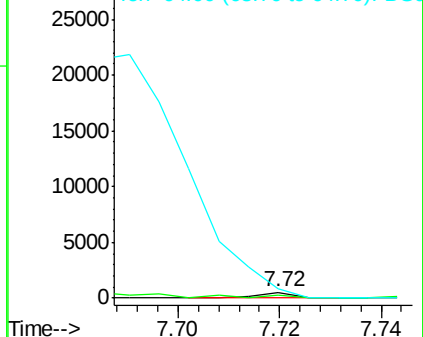
128 100

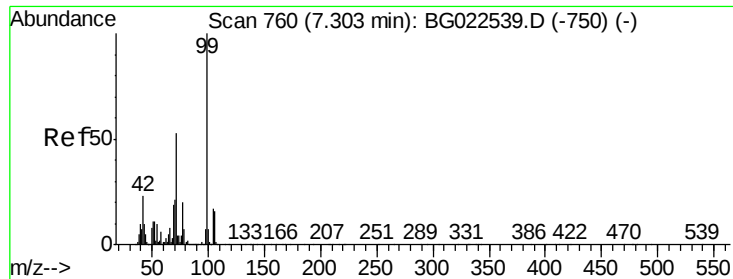
130 47.3 12.9 52.9

64 169.0 42.0 82.0#



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: 0.53 ng

RT: 7.30 min Scan# 759

Delta R.T. -0.00 min

Lab File: BG022554.D

Acq: 25 Jun 2016 1:27

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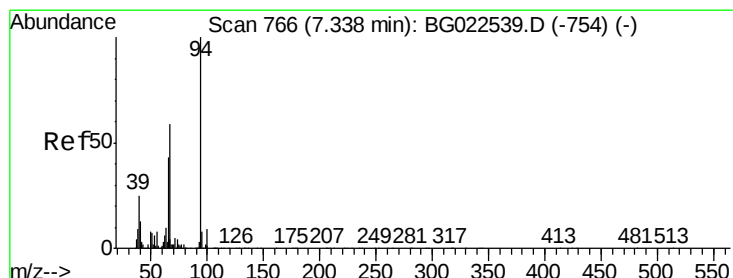
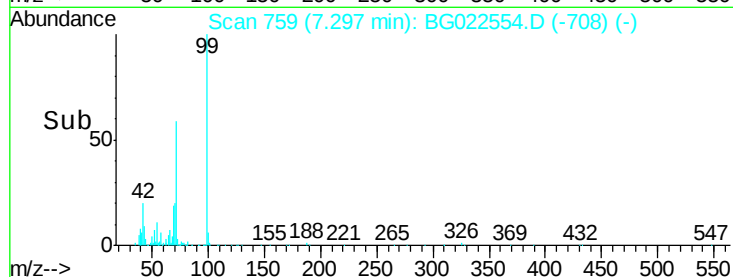
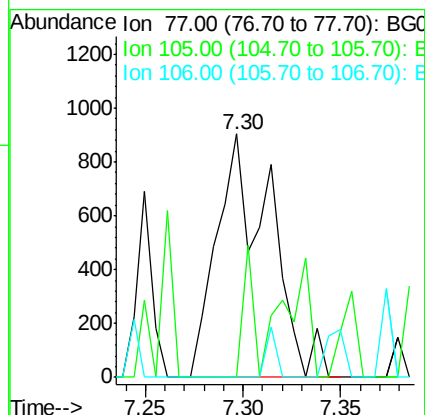
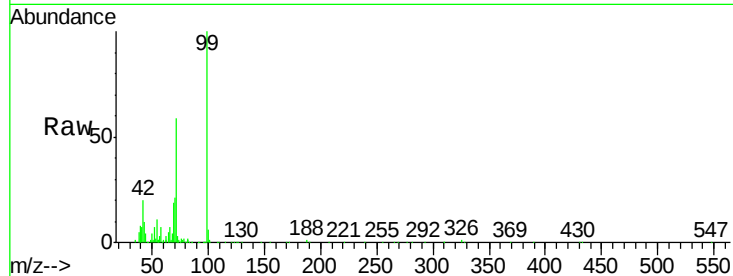
Tgt Ion: 77 Resp: 1689

Ion Ratio Lower Upper

77 100

105 0.0 58.7 98.7#

106 0.0 67.5 107.5#



#10

Phenol

Concen: 0.04 ng

RT: 7.33 min Scan# 764

Delta R.T. -0.01 min

Lab File: BG022554.D

Acq: 25 Jun 2016 1:27

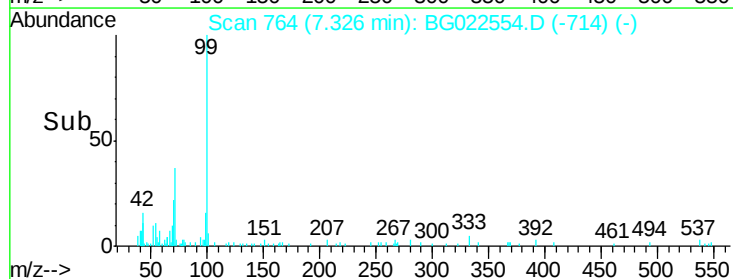
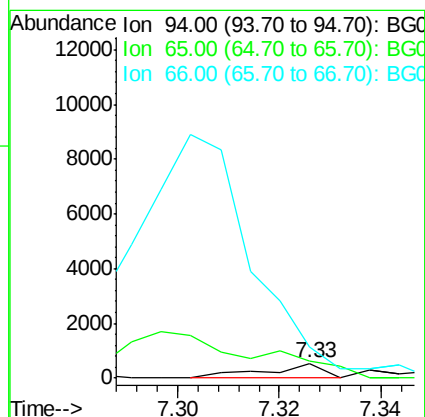
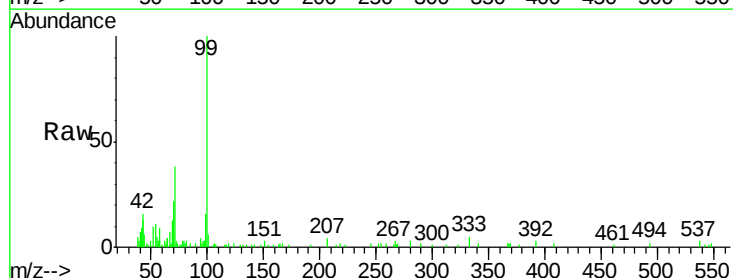
Tgt Ion: 94 Resp: 411

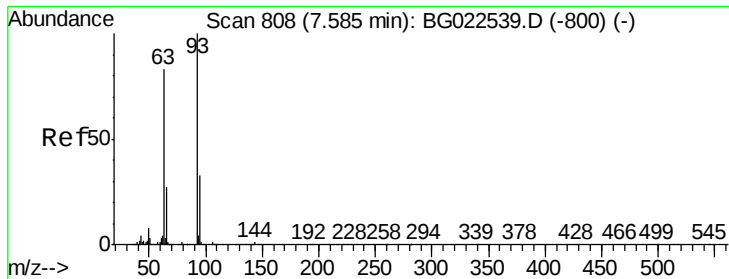
Ion Ratio Lower Upper

94 100

65 117.8 18.1 58.1#

66 205.7 42.1 82.1#

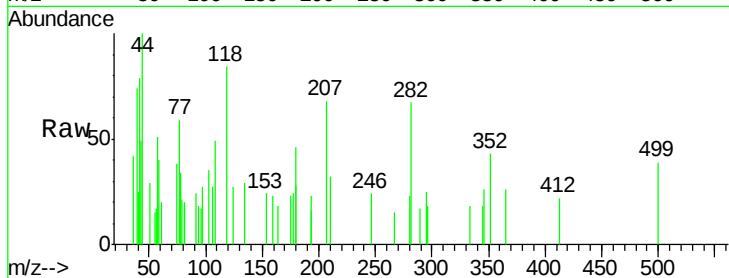




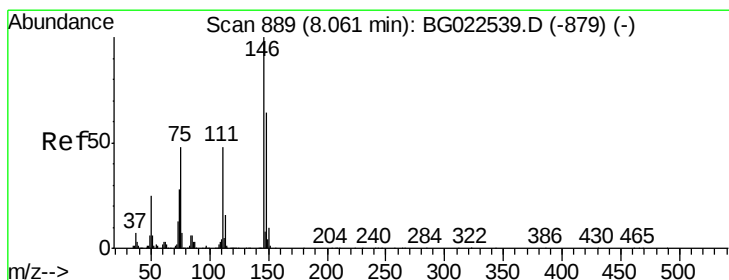
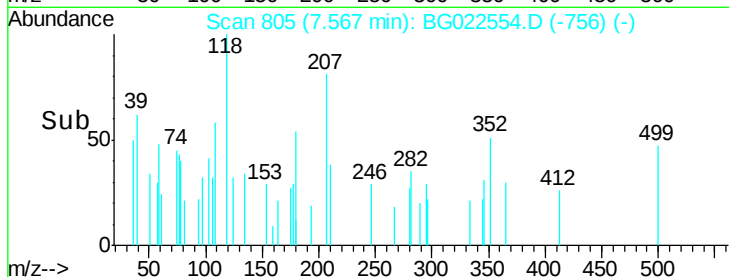
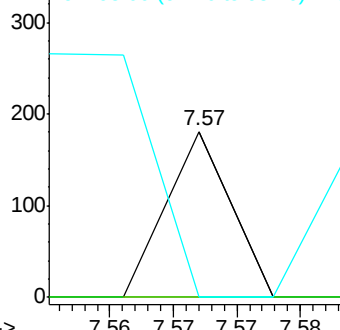
#11
bis(2-Chloroethyl)ether
Concen: 0.01 ng
RT: 7.57 min Scan# 805
Delta R.T. -0.01 min
Lab File: BG022554.D
Acq: 25 Jun 2016 1:27

Instrument :
BNA_G
ClientSampleId :
MW35

Tgt Ion: 93 Resp: 64
Ion Ratio Lower Upper
93 100
63 0.0 55.0 95.0#
95 0.0 11.0 51.0#

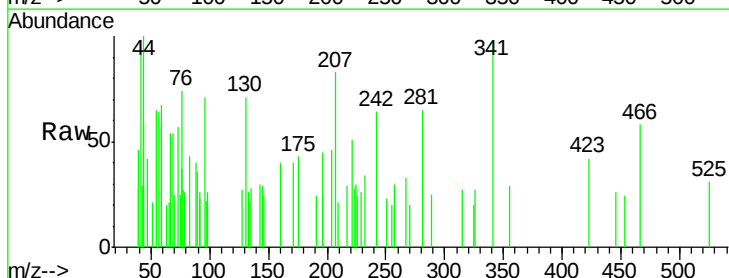


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

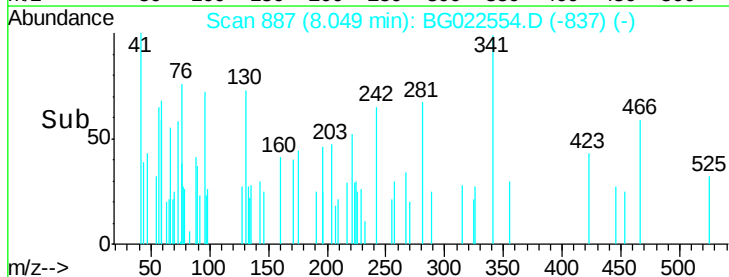
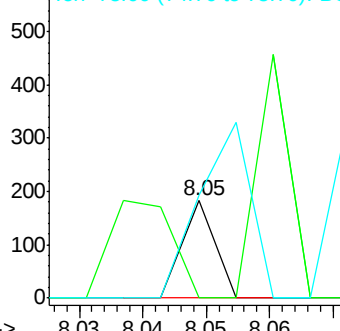


#12
1,3-Dichlorobenzene
Concen: 0.01 ng
RT: 8.05 min Scan# 887
Delta R.T. -0.01 min
Lab File: BG022554.D
Acq: 25 Jun 2016 1:27

Tgt Ion: 146 Resp: 65
Ion Ratio Lower Upper
146 100
148 0.0 50.3 75.5#
75 106.0 37.0 55.6#



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

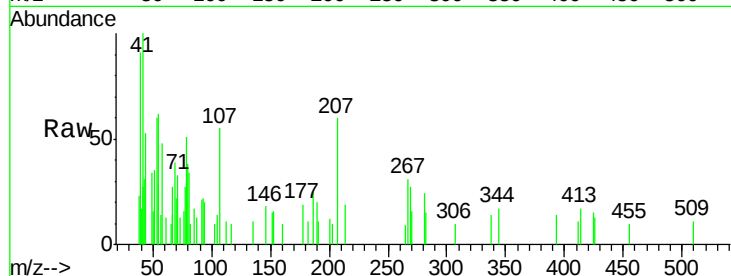




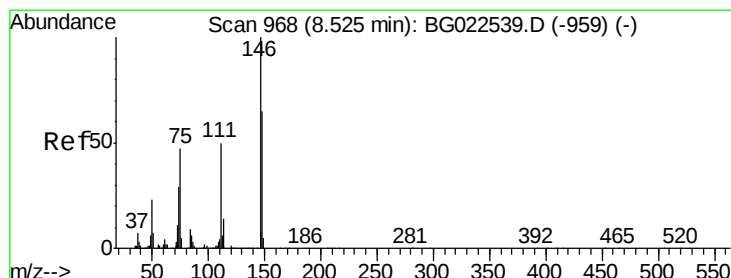
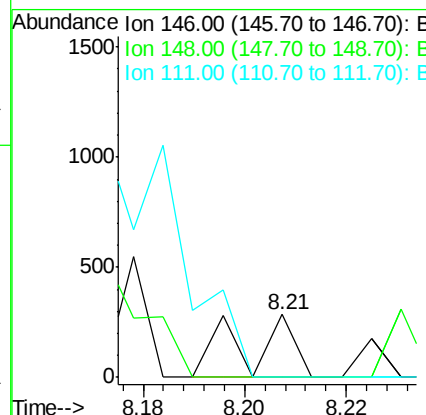
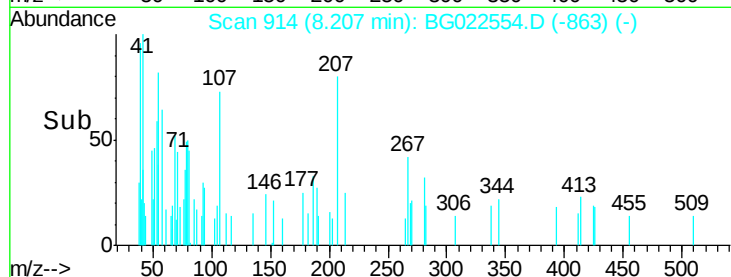
#13
 1,4-Dichlorobenzene
 Concen: 0.02 ng
 RT: 8.21 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BG022554.D
 Acq: 25 Jun 2016 1:27

Instrument :
 BNA_G
 ClientSampleId :
 MW35

Tgt Ion:146 Resp: 199
 Ion Ratio Lower Upper
 146 100
 148 0.0 54.5 81.7#
 111 0.0 37.8 56.8#

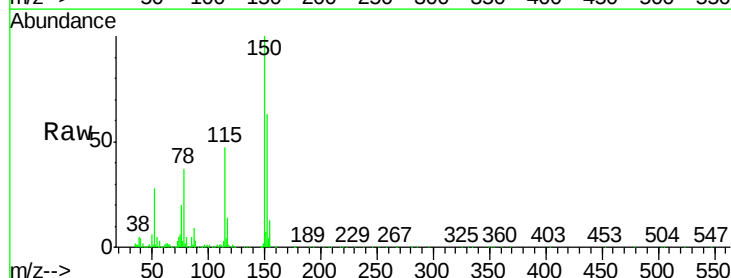


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

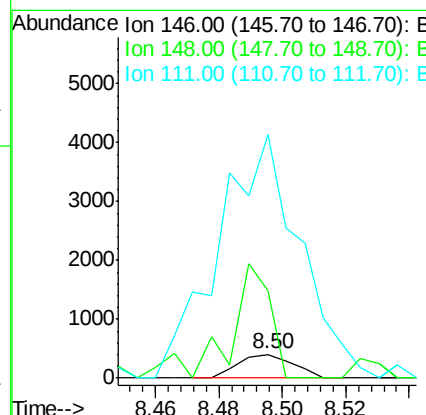
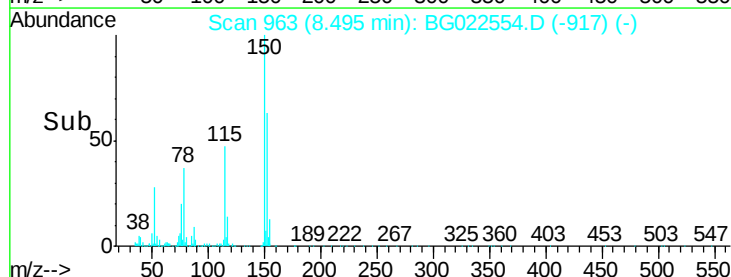


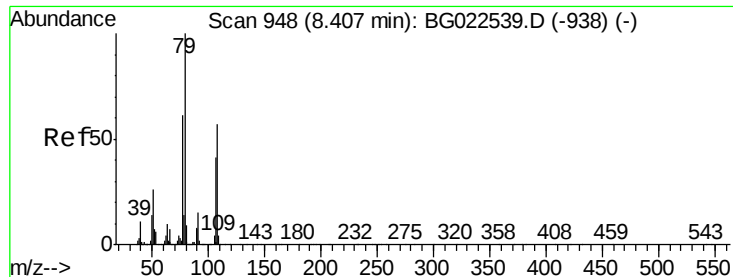
#14
 1,2-Dichlorobenzene
 Concen: 0.06 ng
 RT: 8.50 min Scan# 963
 Delta R.T. -0.03 min
 Lab File: BG022554.D
 Acq: 25 Jun 2016 1:27

Tgt Ion:146 Resp: 482
 Ion Ratio Lower Upper
 146 100
 148 369.6 52.9 79.3#
 111 1031.9 43.5 65.3#



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





#15

Benzyl Alcohol

Concen: 2.18 ng

RT: 8.48 min Scan# 961

Delta R.T. 0.08 min

Lab File: BG022554.D

Acq: 25 Jun 2016 1:27

Instrument :

BNA_G

ClientSampleId :

MW35

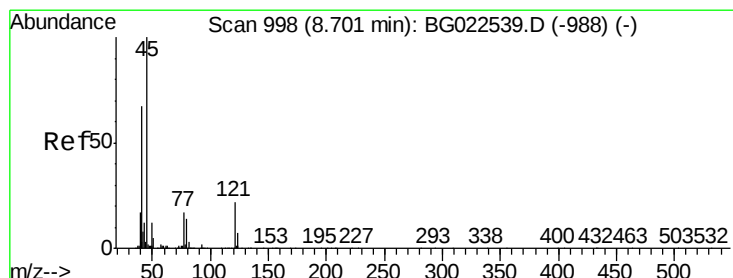
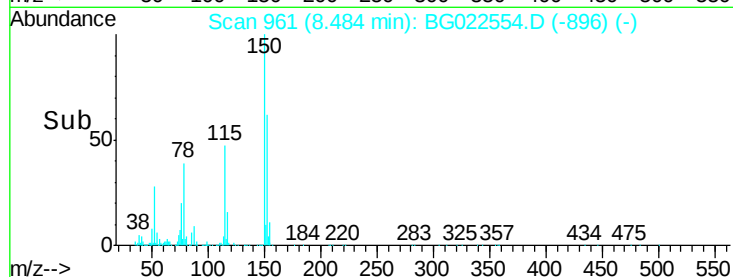
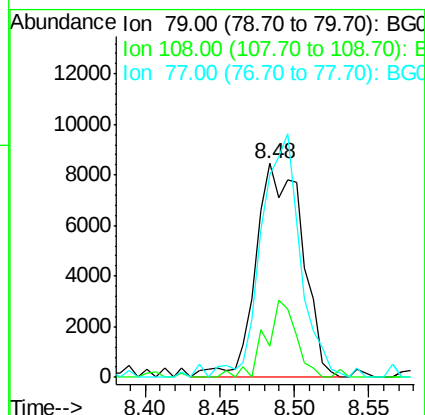
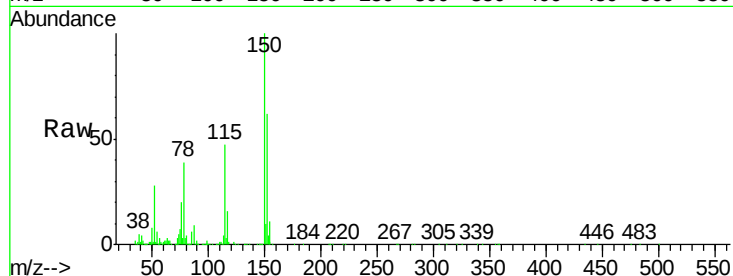
Tgt Ion: 79 Resp: 18260

Ion Ratio Lower Upper

79 100

108 14.3 46.5 69.7#

77 94.5 52.3 78.5#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.02 ng

RT: 8.71 min Scan# 999

Delta R.T. 0.01 min

Lab File: BG022554.D

Acq: 25 Jun 2016 1:27

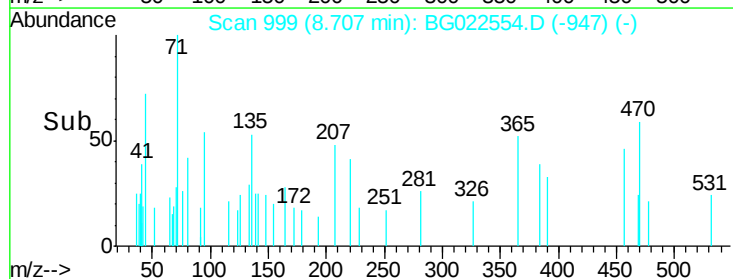
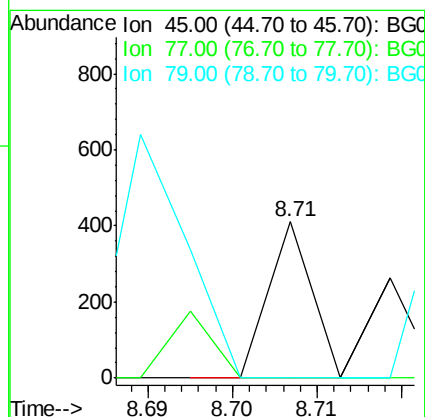
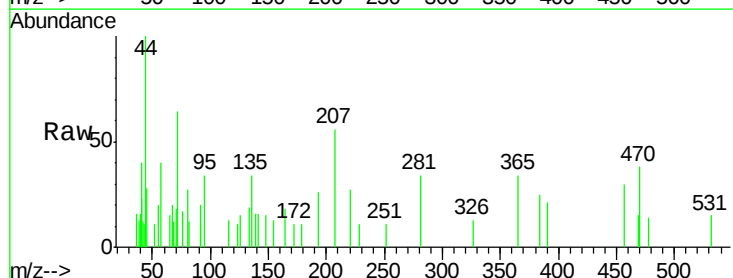
Tgt Ion: 45 Resp: 145

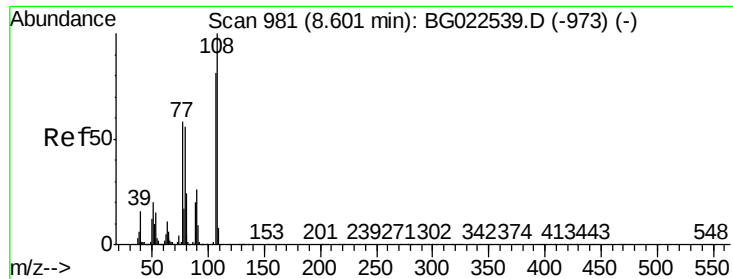
Ion Ratio Lower Upper

45 100

77 0.0 0.6 40.6#

79 0.0 0.0 36.2

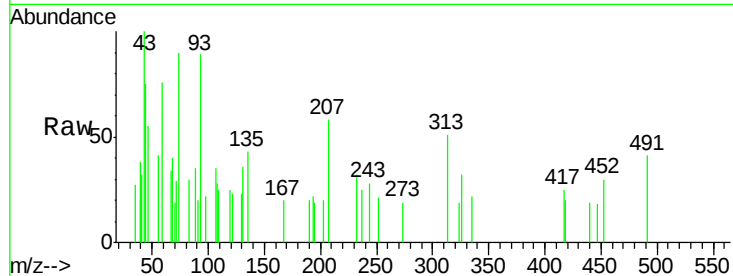




#17
2-Methylphenol
Concen: 0.05 ng
RT: 8.60 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG022554.D
Acq: 25 Jun 2016 1:27

Instrument :
BNA_G
ClientSampleId :
MW35

Tgt Ion	Ratio	Lower	Upper
107	100		
108	30.1	92.0	138.0#
77	0.0	55.8	83.6#
79	0.0	55.0	82.6#



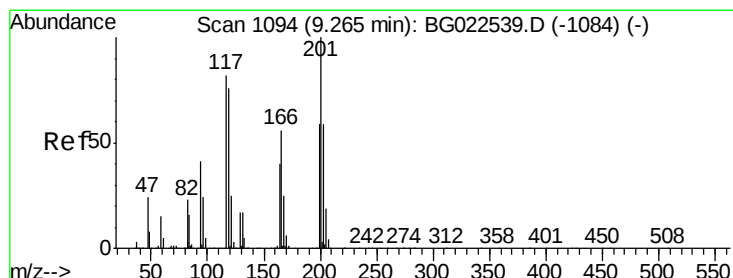
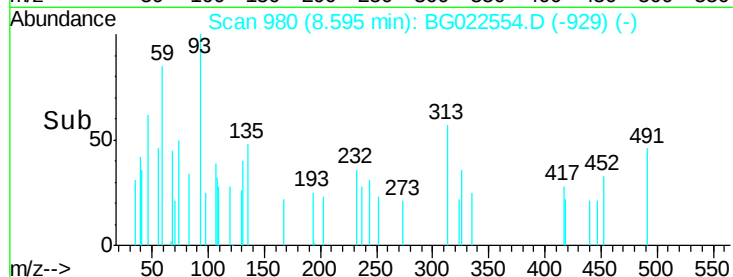
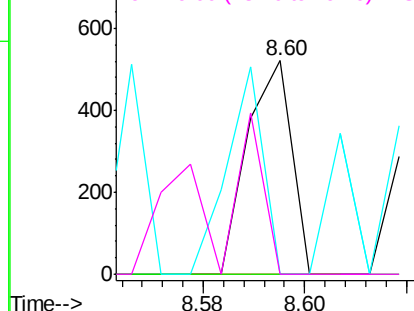
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

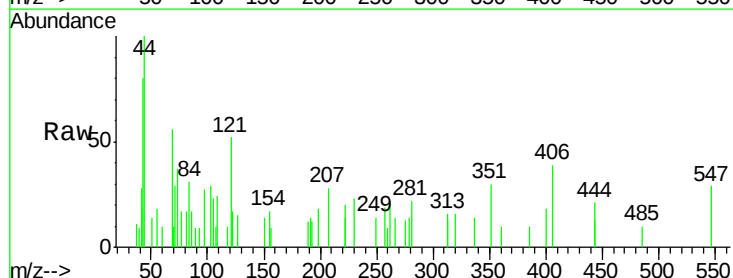
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 0.02 ng
RT: 9.27 min Scan# 1095
Delta R.T. 0.01 min
Lab File: BG022554.D
Acq: 25 Jun 2016 1:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	0.0	73.7	110.5#
201	0.0	88.7	133.1#

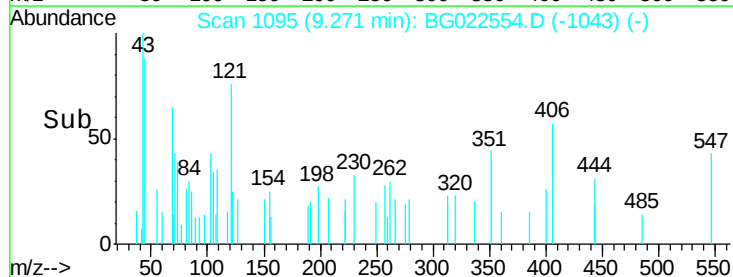
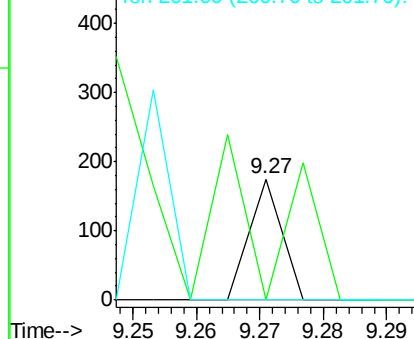


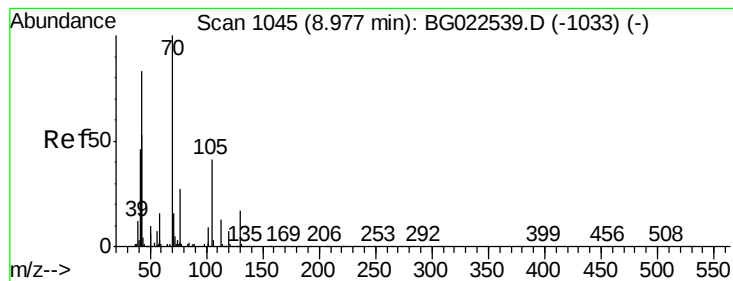
Abundance

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: 0.06 ng

RT: 8.97 min Scan# 1044

Delta R.T. -0.00 min

Lab File: BG022554.D

Acq: 25 Jun 2016 1:27

Instrument :

BNA_G

ClientSampleId :

MW35

Tgt Ion: 70 Resp: 416

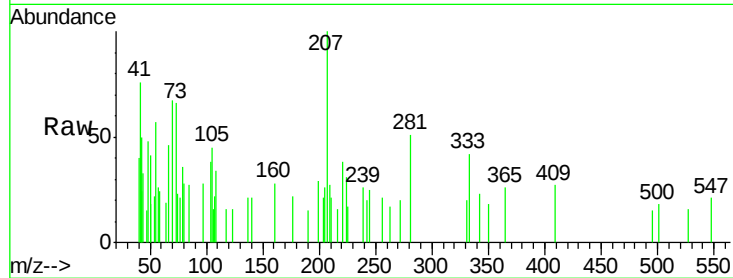
Ion Ratio Lower Upper

70 100

42 35.6 42.1 63.1#

101 0.0 7.2 10.8#

130 0.0 14.2 21.2#

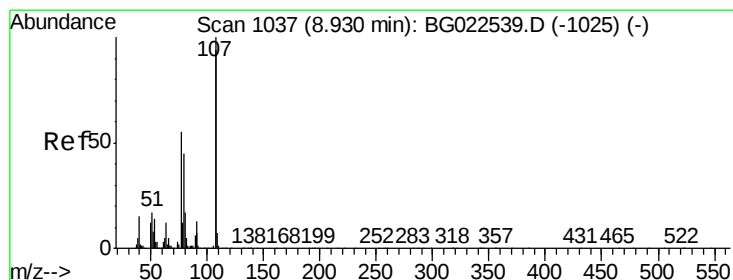
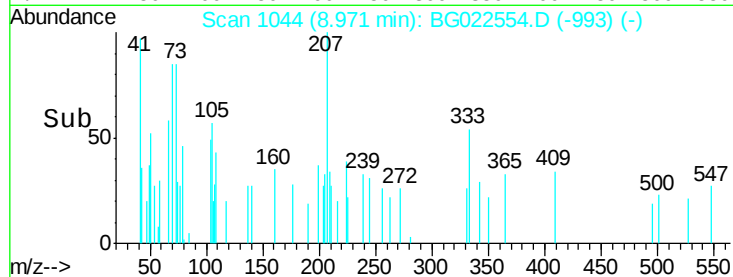
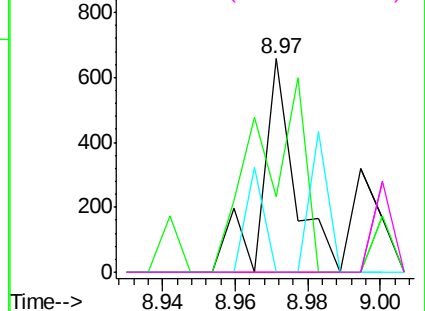


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 0.02 ng

RT: 8.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BG022554.D

Acq: 25 Jun 2016 1:27

Tgt Ion: 107 Resp: 197

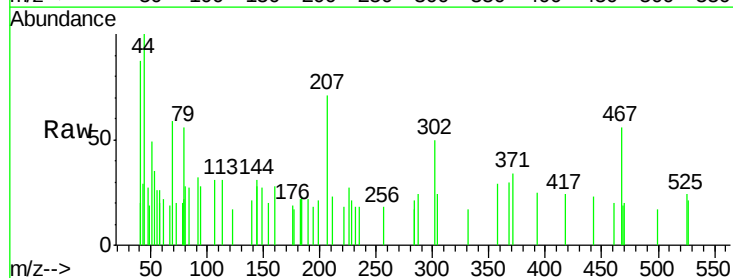
Ion Ratio Lower Upper

107 100

108 0.0 72.5 112.5#

77 0.0 30.1 70.1#

79 256.3 24.2 64.2#

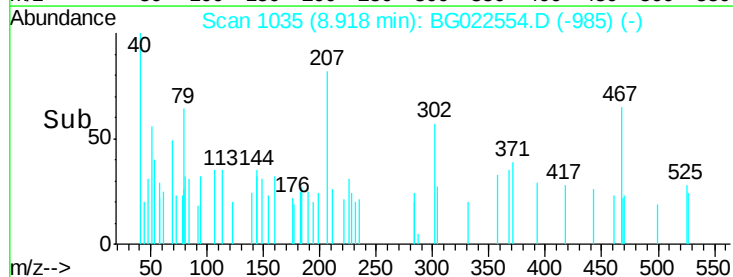
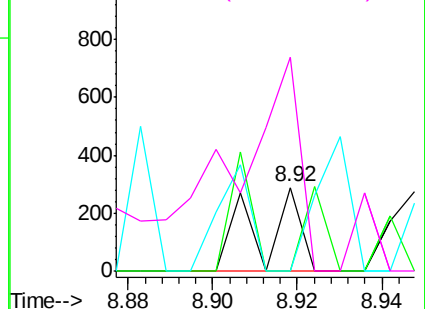


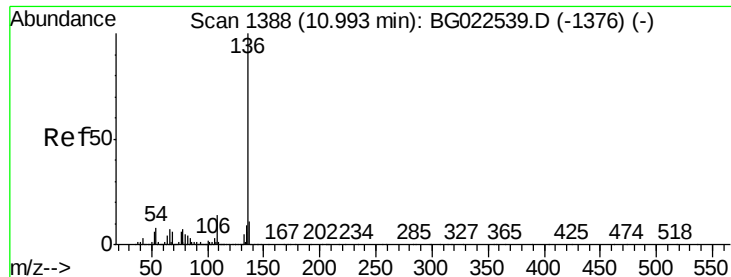
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

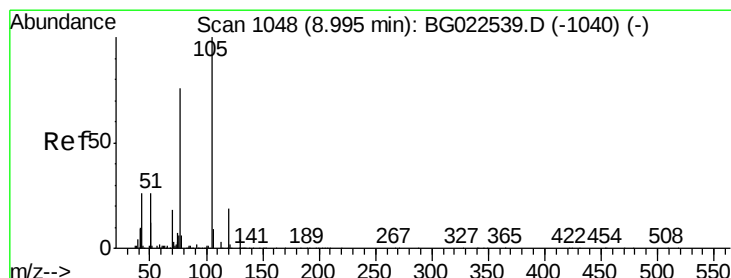
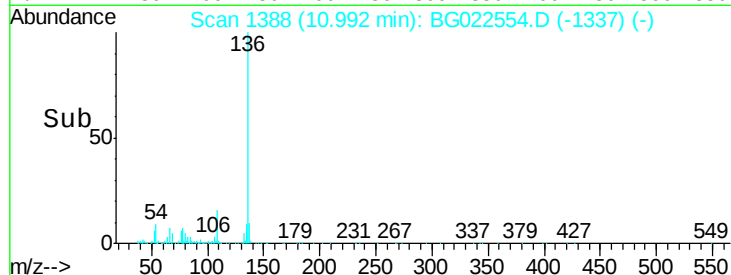
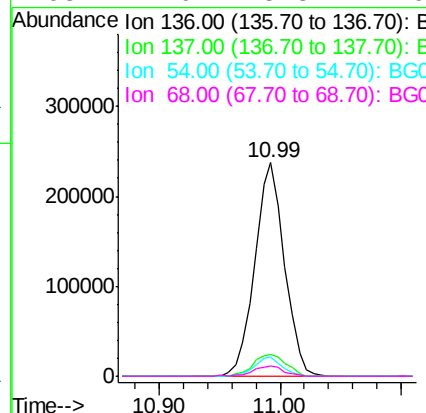
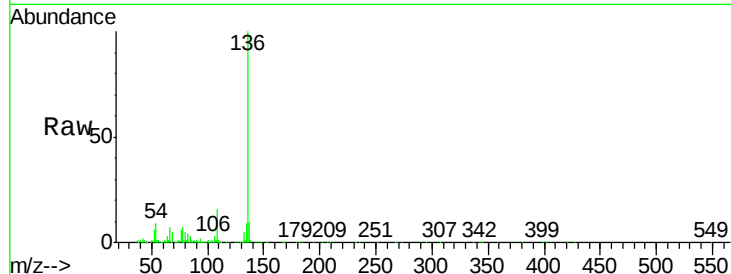




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BG022554.D
Acq: 25 Jun 2016 1:27

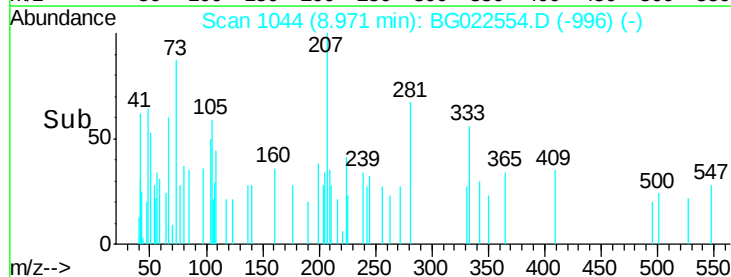
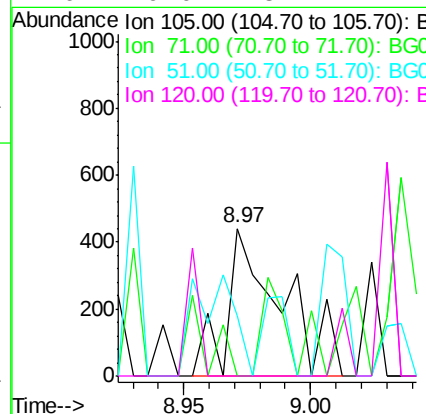
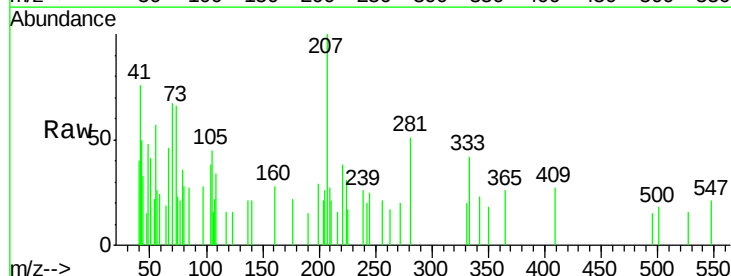
Instrument :
BNA_G
ClientSampleId :
MW35

Tgt Ion:	136	Resp:	404430
Ion Ratio	Lower	Upper	
136	100		
137	10.1	9.6	14.4
54	8.8	7.3	10.9
68	4.9	5.3	7.9#



#22
Acetophenone
Concen: 0.06 ng
RT: 8.97 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG022554.D
Acq: 25 Jun 2016 1:27

Tgt Ion:	105	Resp:	670
Ion Ratio	Lower	Upper	
105	100		
71	0.0	2.6	3.8#
51	40.8	27.1	40.7#
120	0.0	15.1	22.7#

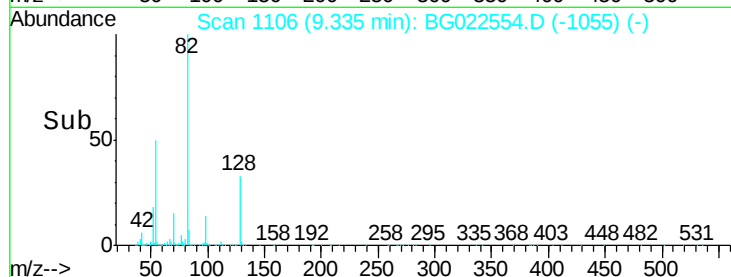
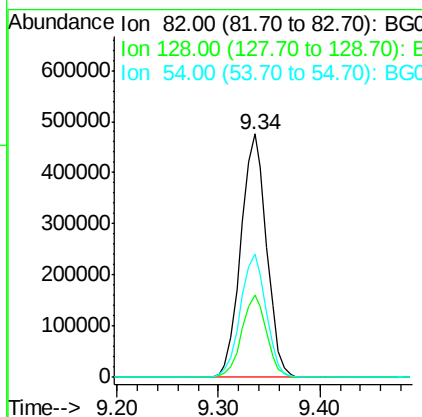
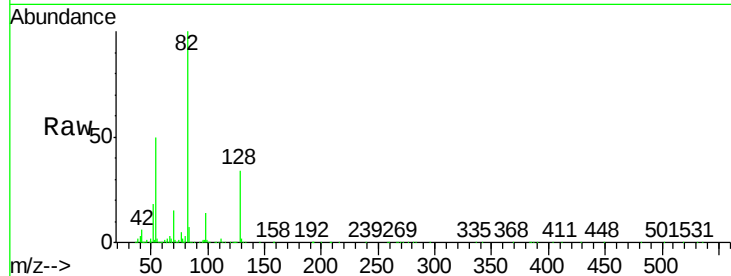




#23
 Nitrobenzene-d5
 Concen: 87.48 ng
 RT: 9.34 min Scan# 1106
 Delta R.T. -0.00 min
 Lab File: BG022554.D
 Acq: 25 Jun 2016 1:27

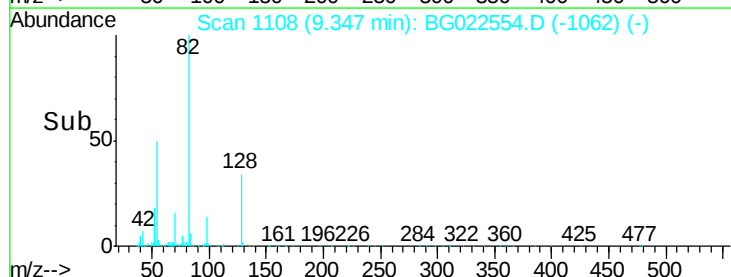
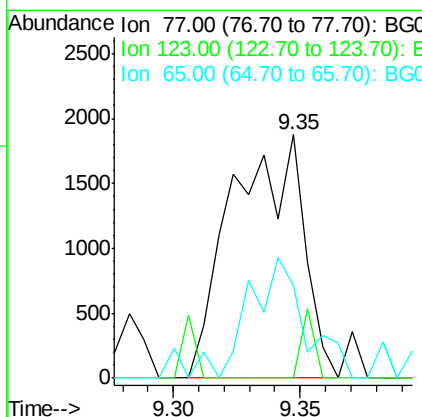
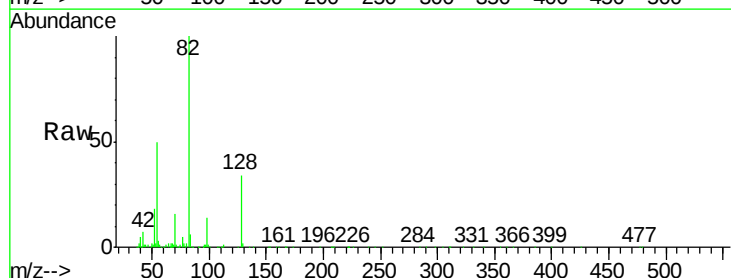
Instrument :
 BNA_G
 ClientSampleId :
 MW35

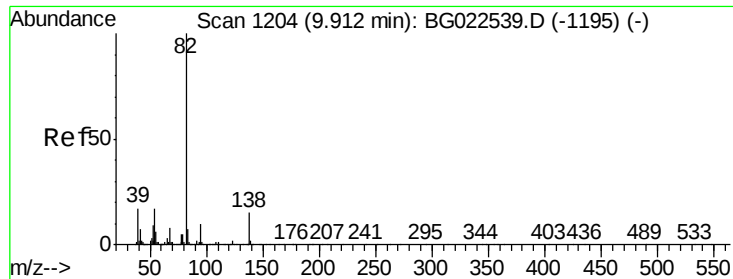
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.6	24.4	36.6
54	50.5	41.4	62.0



#24
 Nitrobenzene
 Concen: 0.35 ng
 RT: 9.35 min Scan# 1108
 Delta R.T. -0.03 min
 Lab File: BG022554.D
 Acq: 25 Jun 2016 1:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	25.0	37.6#
65	38.0	13.4	20.0#





#25

Isophorone

Concen: 0.00 ng

RT: 9.90 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BG022554.D

Acq: 25 Jun 2016 1:27

Instrument :

BNA_G

ClientSampleId :

MW35

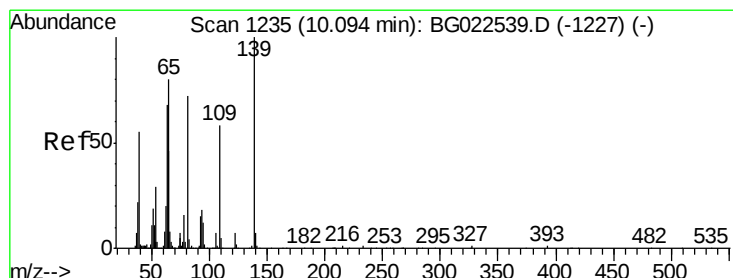
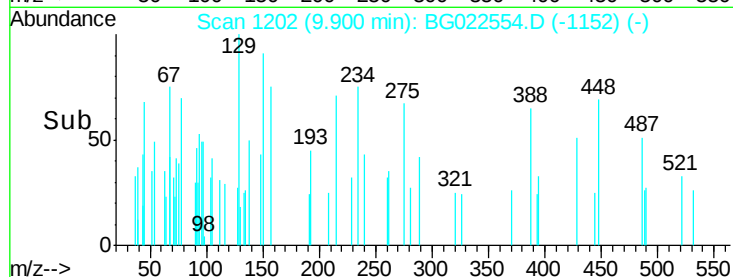
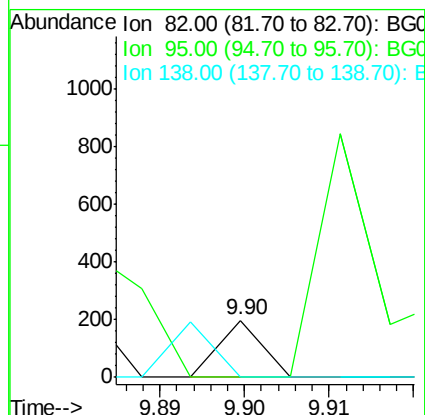
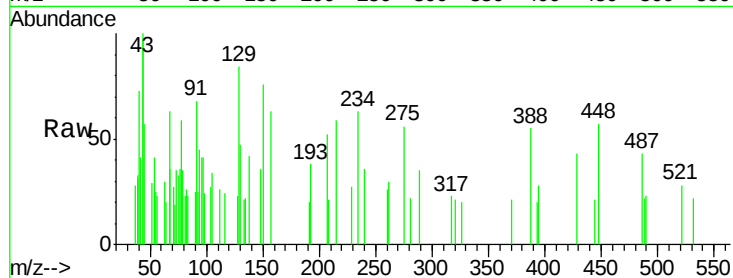
Tgt Ion: 82 Resp: 70

Ion Ratio Lower Upper

82 100

95 0.0 8.2 12.2#

138 0.0 10.7 16.1#



#26

2-Nitrophenol

Concen: 0.01 ng

RT: 10.15 min Scan# 1245

Delta R.T. 0.06 min

Lab File: BG022554.D

Acq: 25 Jun 2016 1:27

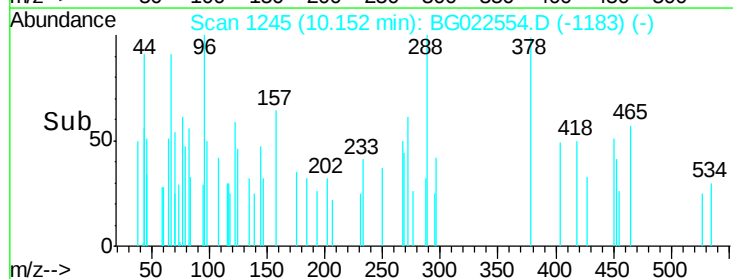
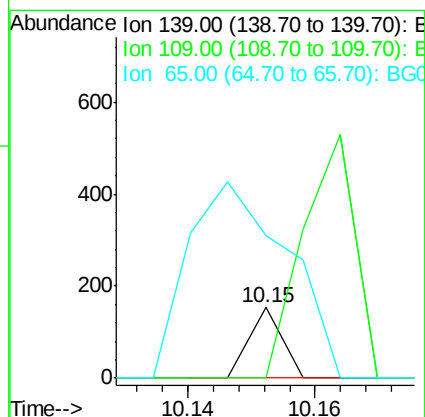
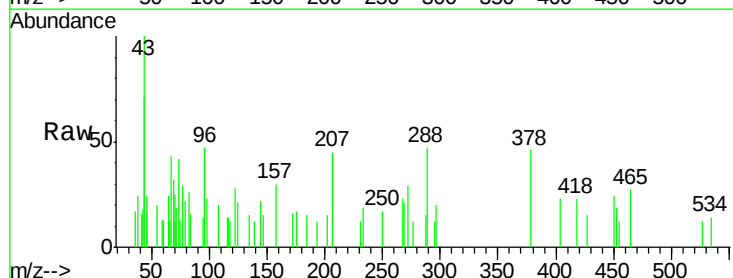
Tgt Ion: 139 Resp: 54

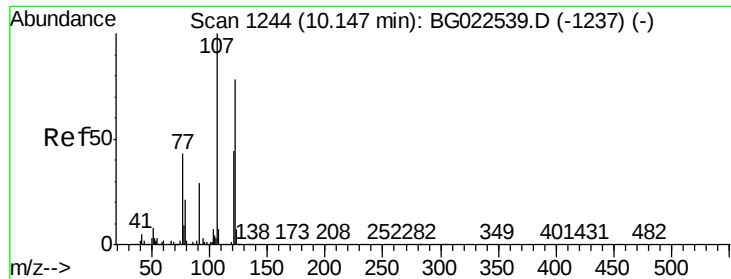
Ion Ratio Lower Upper

139 100

109 0.0 43.5 65.3#

65 202.6 64.3 96.5#

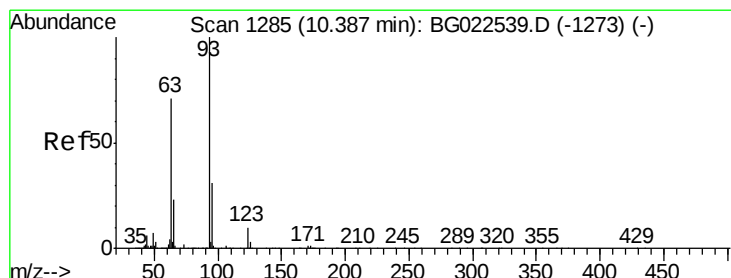
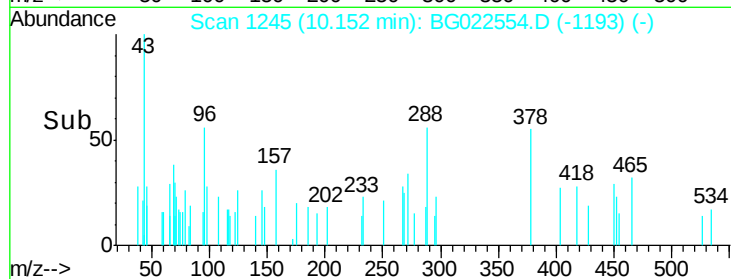
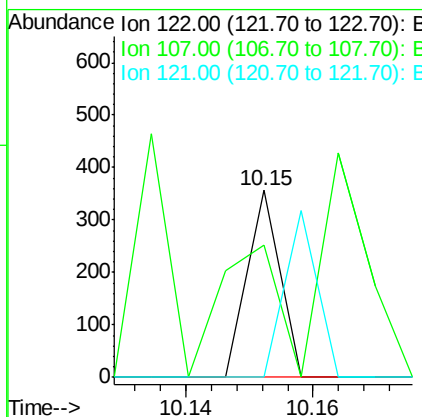
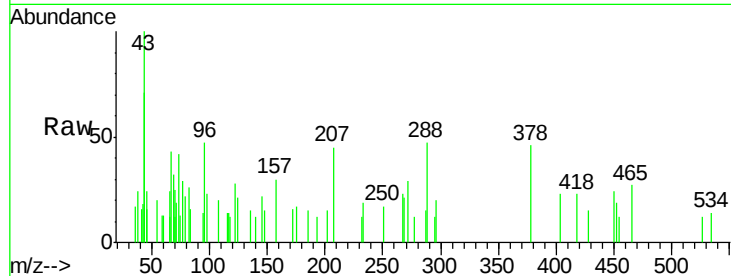




#27
2,4-Dimethylphenol
Concen: 0.02 ng
RT: 10.15 min Scan# 1245
Delta R.T. 0.01 min
Lab File: BG022554.D
Acq: 25 Jun 2016 1:27

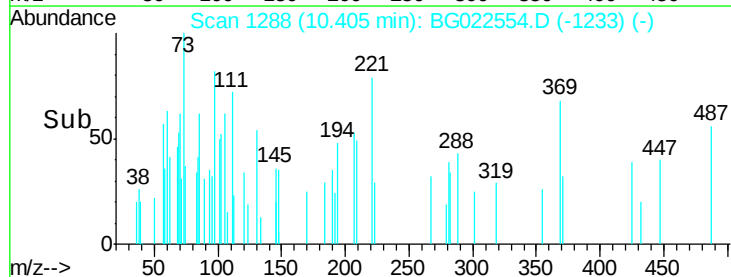
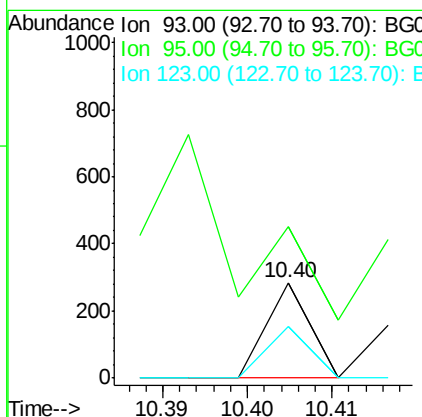
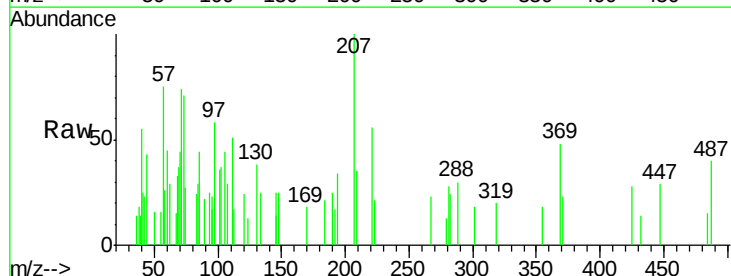
Instrument :
BNA_G
ClientSampleId :
MW35

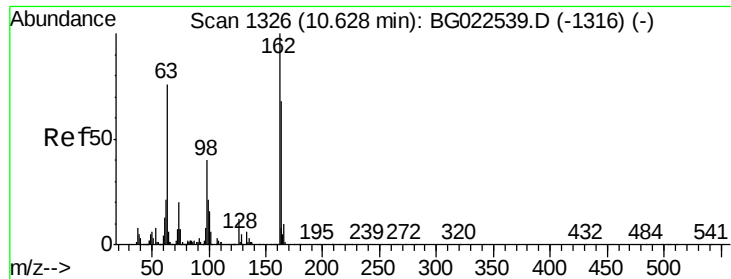
Tgt Ion:122 Resp: 126
Ion Ratio Lower Upper
122 100
107 70.6 117.0 175.4#
121 0.0 50.1 75.1#



#28
bis(2-Chloroethoxy)methane
Concen: 0.01 ng
RT: 10.40 min Scan# 1288
Delta R.T. 0.02 min
Lab File: BG022554.D
Acq: 25 Jun 2016 1:27

Tgt Ion: 93 Resp: 101
Ion Ratio Lower Upper
93 100
95 158.2 25.4 38.2#
123 53.3 8.2 12.2#

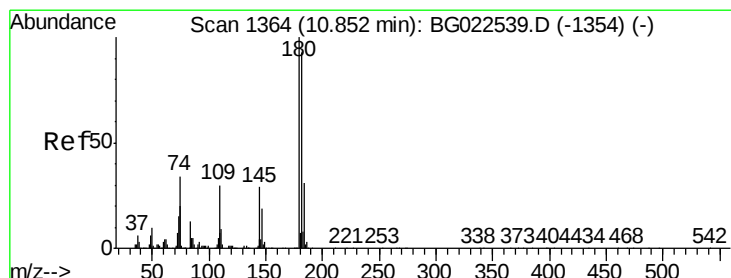
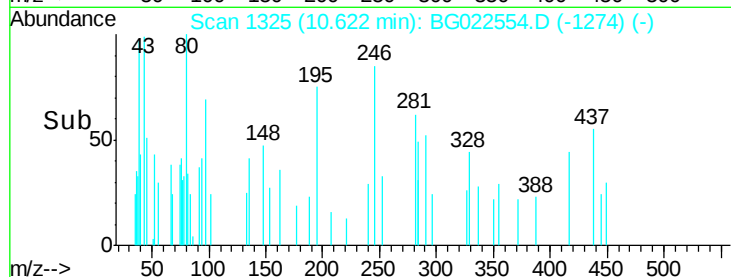
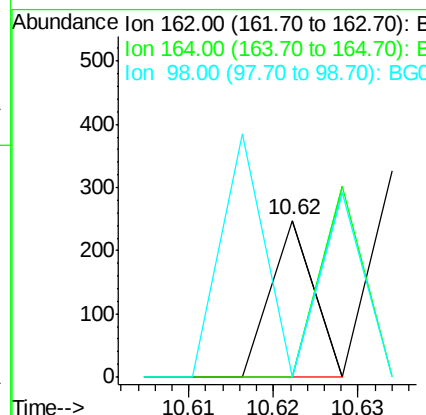
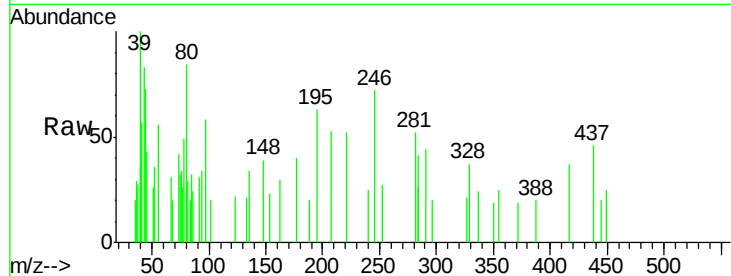




#29
2,4-Dichlorophenol
Concen: 0.01 ng
RT: 10.62 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG022554.D
Acq: 25 Jun 2016 1:27

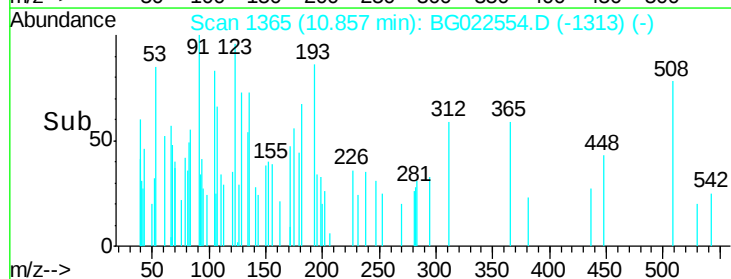
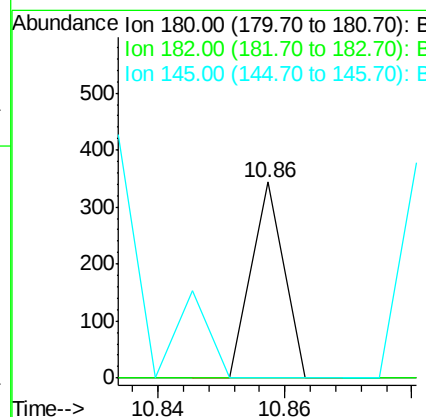
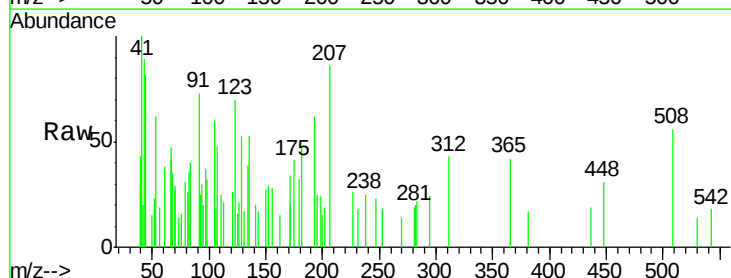
Instrument :
BNA_G
ClientSampleId :
MW35

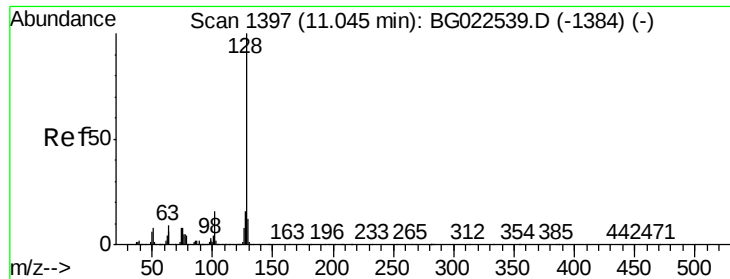
Tgt Ion:162 Resp: 87
Ion Ratio Lower Upper
162 100
164 0.0 44.3 84.3#
98 0.0 19.5 59.5#



#30
1,2,4-Trichlorobenzene
Concen: 0.01 ng
RT: 10.86 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BG022554.D
Acq: 25 Jun 2016 1:27

Tgt Ion:180 Resp: 121
Ion Ratio Lower Upper
180 100
182 0.0 73.8 110.8#
145 0.0 24.4 36.6#

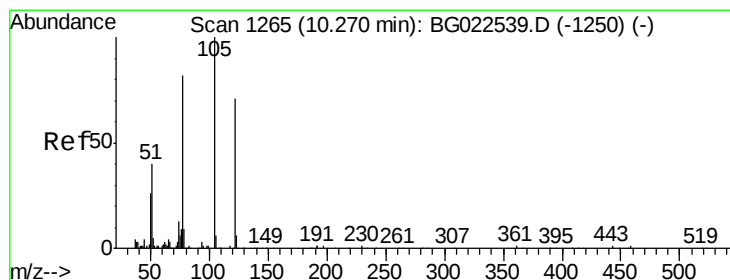
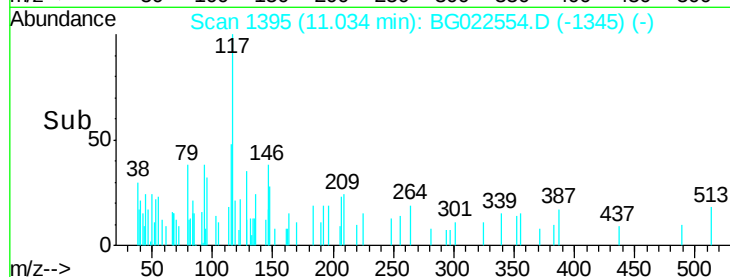
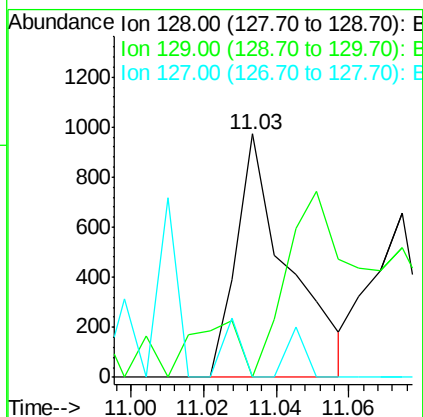
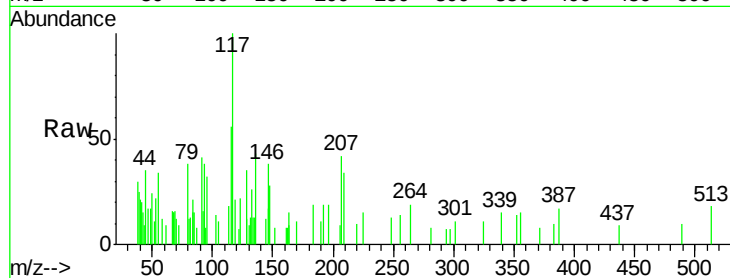




#31
Naphthalene
Concen: 0.05 ng
RT: 11.03 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BG022554.D
Acq: 25 Jun 2016 1:27

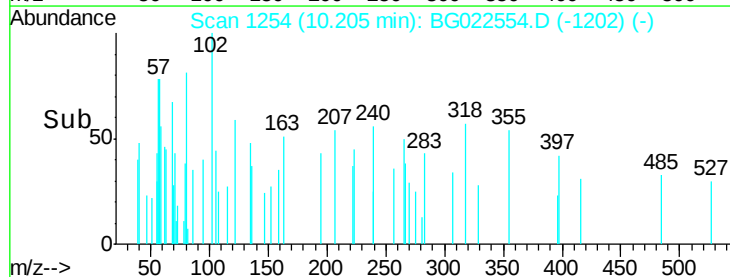
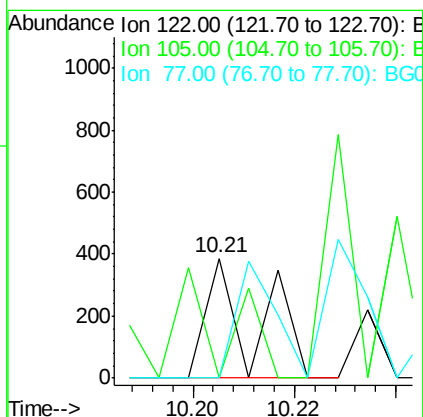
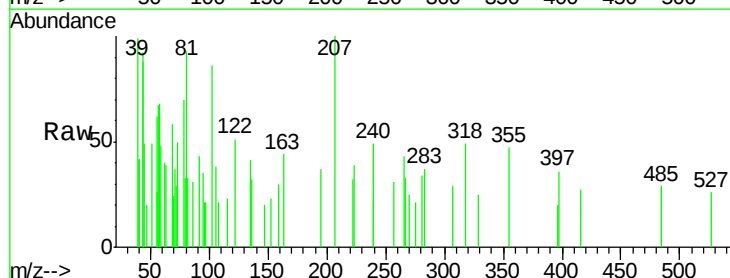
Instrument :
BNA_G
ClientSampleId :
MW35

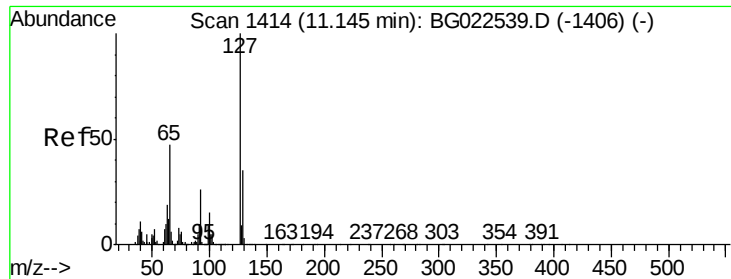
Tgt Ion:128 Resp: 966
Ion Ratio Lower Upper
128 100
129 0.0 9.4 14.0#
127 0.0 11.3 16.9#



#32
Benzoic acid
Concen: 5.16 ng
RT: 10.21 min Scan# 1254
Delta R.T. 0.01 min
Lab File: BG022554.D
Acq: 25 Jun 2016 1:27

Tgt Ion:122 Resp: 259
Ion Ratio Lower Upper
122 100
105 0.0 117.2 157.2#
77 0.0 109.2 149.2#

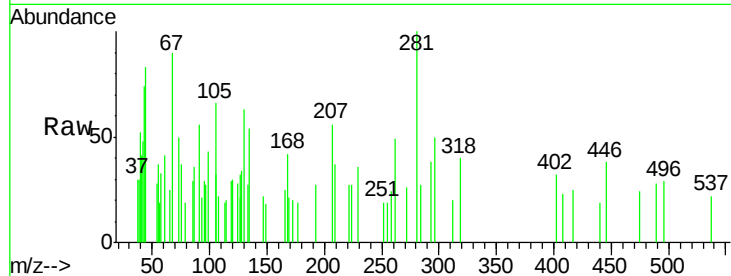




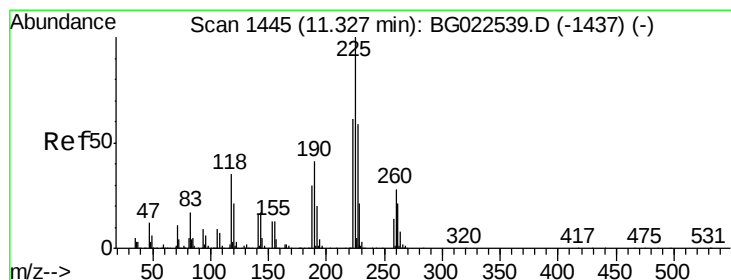
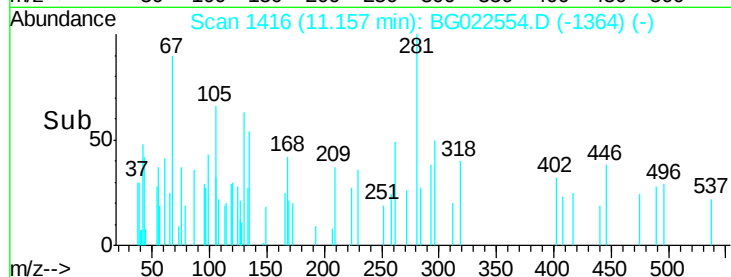
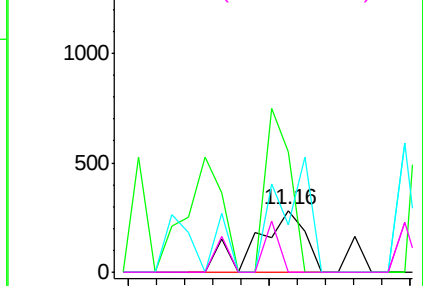
#33
4-Chloroaniline
Concen: 0.04 ng
RT: 11.16 min Scan# 1416
Delta R.T. 0.01 min
Lab File: BG022554.D
Acq: 25 Jun 2016 1:27

Instrument :
BNA_G
ClientSampled :
MW35

Tgt Ion	Ratio	Lower	Upper
127	100		
129	193.0	27.9	41.9#
65	76.8	36.8	55.2#
92	0.0	21.0	31.6#

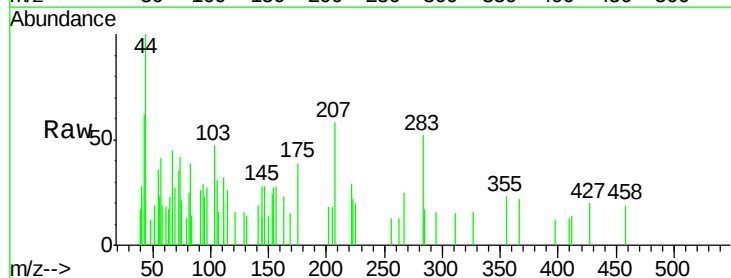


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

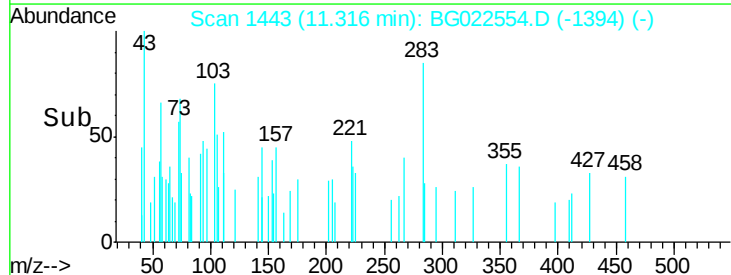
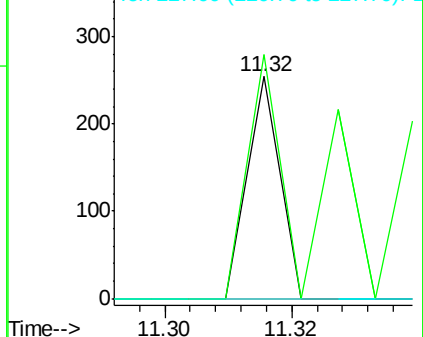


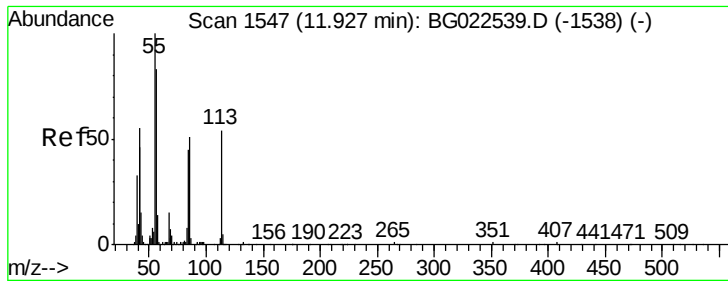
#34
Hexachlorobutadiene
Concen: 0.01 ng
RT: 11.32 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BG022554.D
Acq: 25 Jun 2016 1:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	109.8	49.6	74.4#
227	0.0	54.5	81.7#



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: 0.06 ng

RT: 11.91 min Scan# 1545

Delta R.T. 0.02 min

Lab File: BG022554.D

Acq: 25 Jun 2016 1:27

Instrument :

BNA_G

ClientSampleId :

MW35

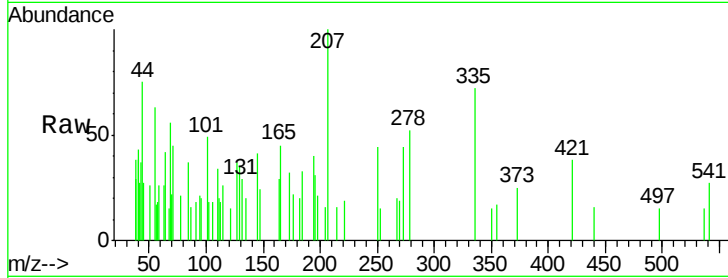
Tgt Ion:113 Resp: 123

Ion Ratio Lower Upper

113 100

55 349.5 154.5 194.5#

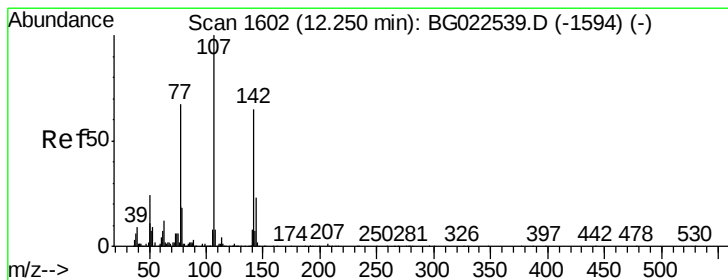
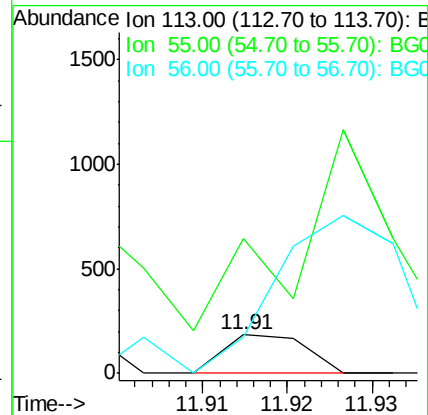
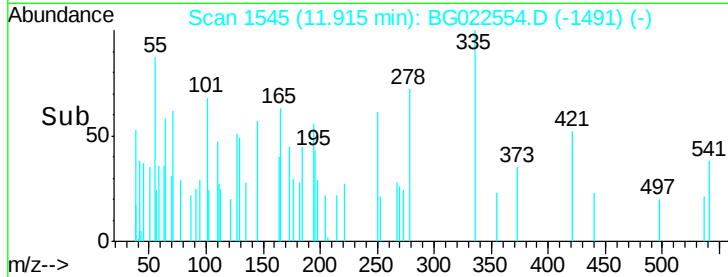
56 95.7 125.1 165.1#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 0.03 ng

RT: 12.26 min Scan# 1604

Delta R.T. 0.02 min

Lab File: BG022554.D

Acq: 25 Jun 2016 1:27

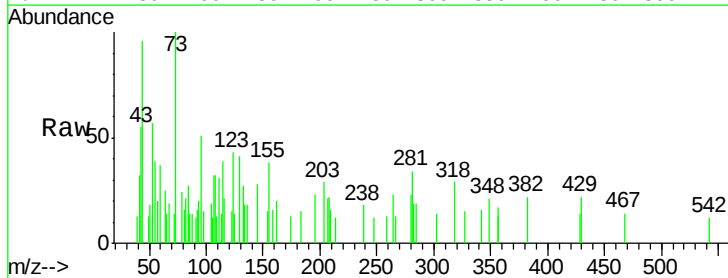
Tgt Ion:107 Resp: 262

Ion Ratio Lower Upper

107 100

144 0.0 17.0 25.6#

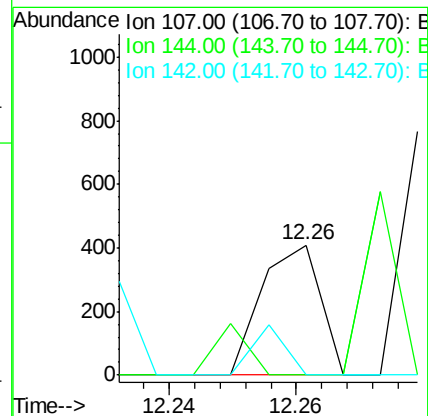
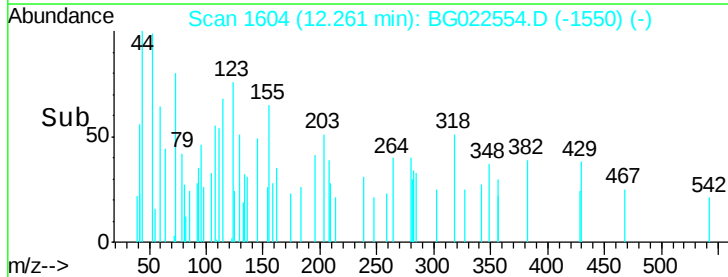
142 0.0 53.0 79.6#

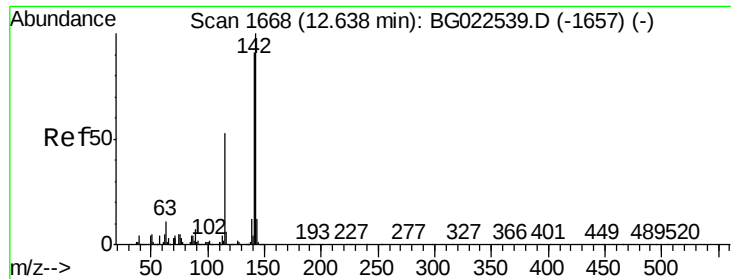


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

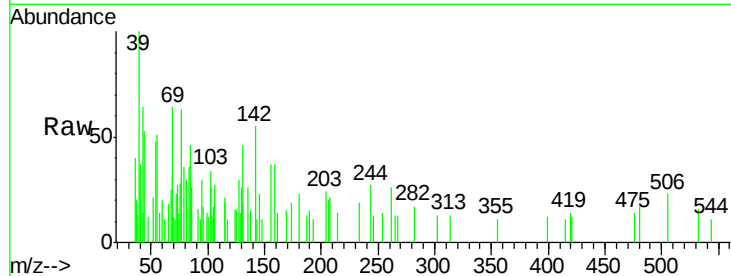




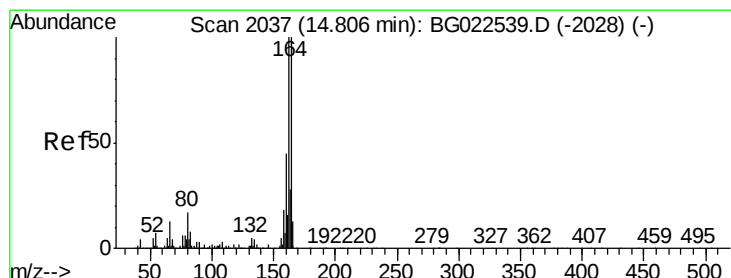
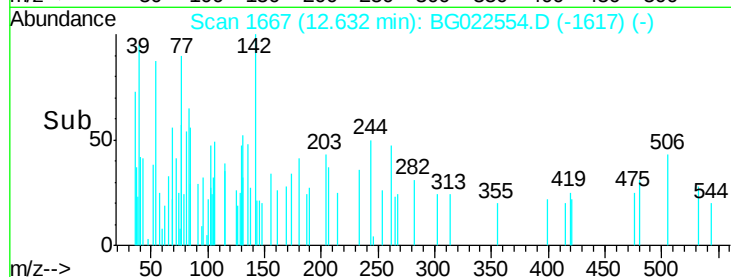
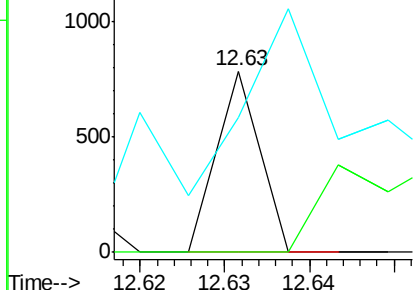
#37
2-Methylnaphthalene
Concen: 0.02 ng
RT: 12.63 min Scan# 1667
Delta R.T. -0.01 min
Lab File: BG022554.D
Acq: 25 Jun 2016 1:27

Instrument :
BNA_G
ClientSampled :
MW35

Tgt Ion:142 Resp: 276
Ion Ratio Lower Upper
142 100
141 0.0 70.2 105.2#
115 74.2 41.7 62.5#

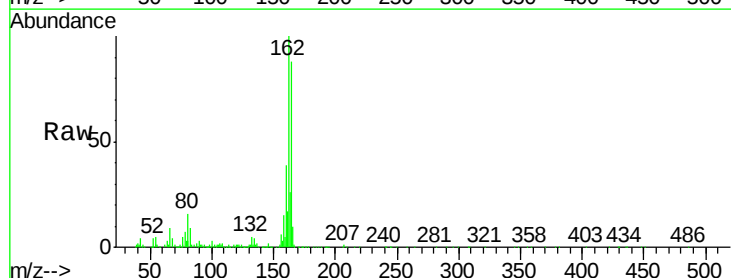


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

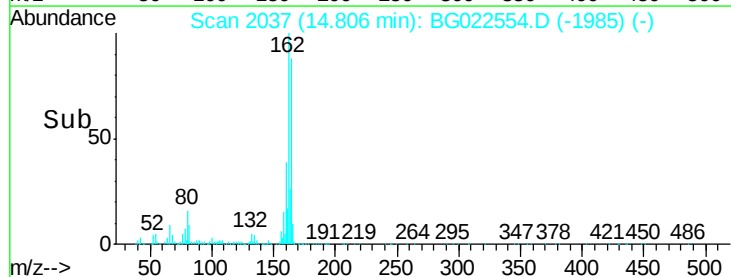
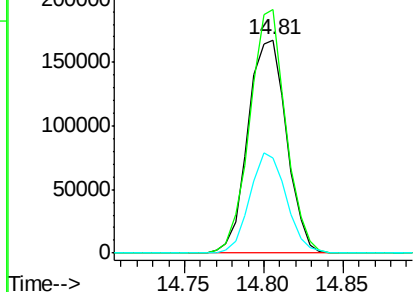


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2037
Delta R.T. 0.01 min
Lab File: BG022554.D
Acq: 25 Jun 2016 1:27

Tgt Ion:164 Resp: 283579
Ion Ratio Lower Upper
164 100
162 114.2 87.7 131.5
160 44.4 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 0.02 ng

RT: 13.01 min Scan# 1732

Delta R.T. 0.02 min

Lab File: BG022554.D

Acq: 25 Jun 2016 1:27

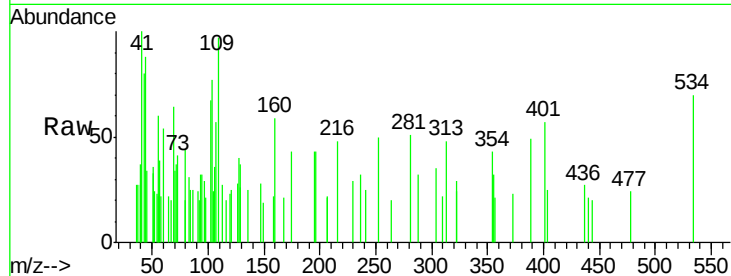
Instrument :

BNA_G

ClientSampled :

MW35

Tgt Ion:	216	Resp:	196
Ion Ratio	Lower	Upper	
216	100		
214	0.0	62.9	94.3#
179	99.5	17.2	25.8#
108	27.0	16.3	24.5#

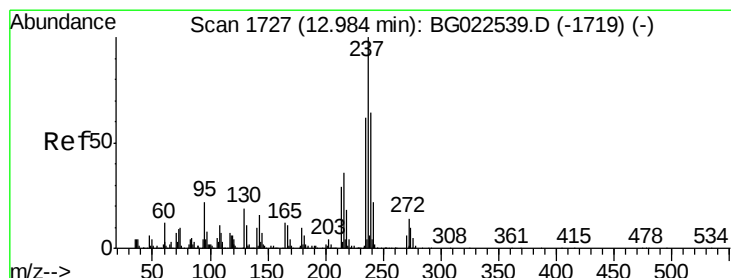
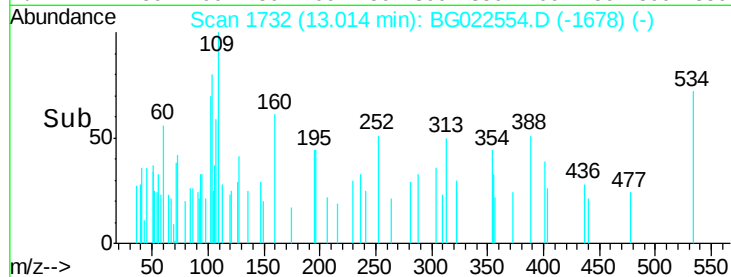
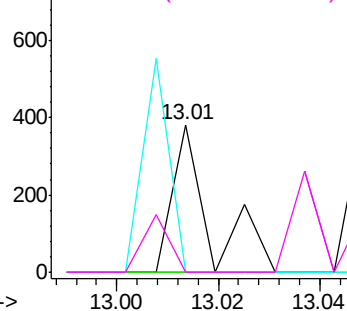


Abundance Ion 216.00 (215.70 to 216.70): E

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: 0.02 ng

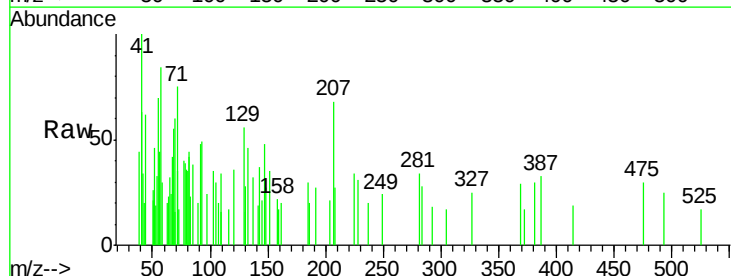
RT: 13.00 min Scan# 1730

Delta R.T. 0.02 min

Lab File: BG022554.D

Acq: 25 Jun 2016 1:27

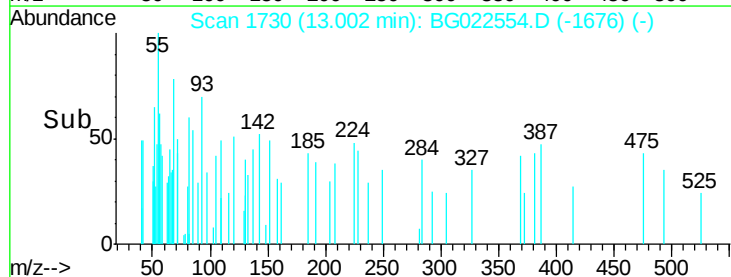
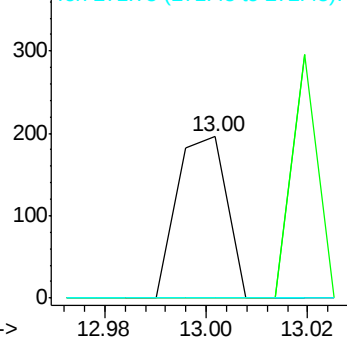
Tgt Ion:	237	Resp:	133
Ion Ratio	Lower	Upper	
237	100		
235	0.0	43.1	83.1#
272	0.0	0.0	30.9

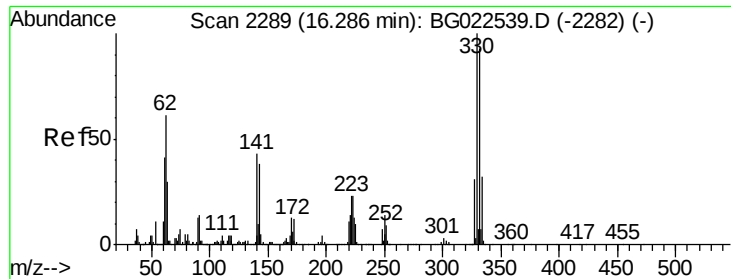


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 79.97 ng

RT: 16.29 min Scan# 2290

Delta R.T. 0.01 min

Lab File: BG022554.D

Acq: 25 Jun 2016 1:27

Instrument :

BNA_G

ClientSampleId :

MW35

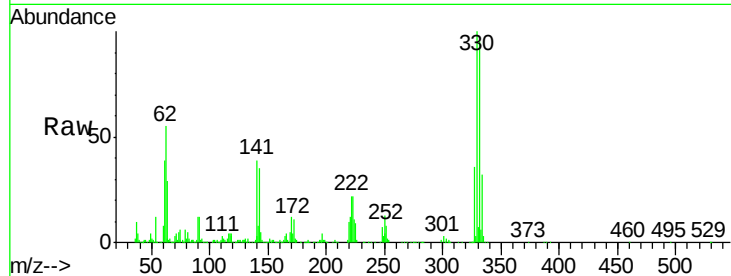
Tgt Ion:330 Resp: 356671

Ion Ratio Lower Upper

330 100

332 95.4 77.4 116.2

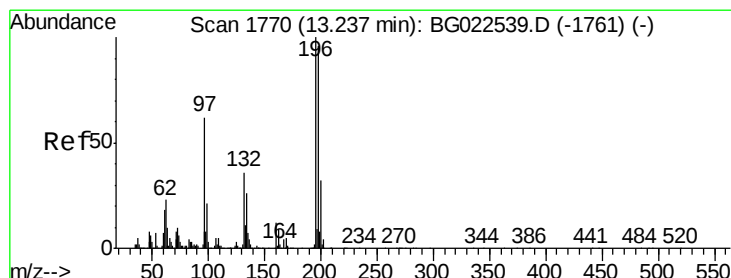
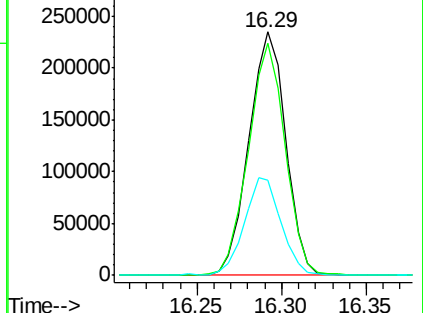
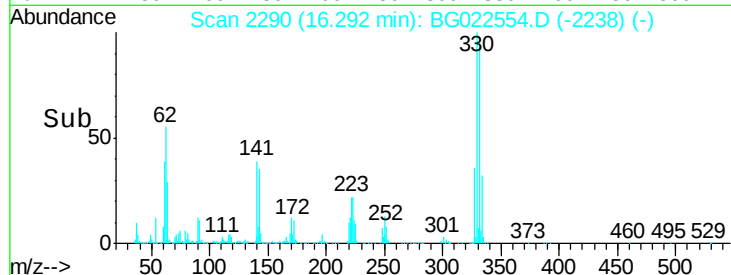
141 40.2 31.7 47.5



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: 0.02 ng

RT: 13.24 min Scan# 1771

Delta R.T. 0.01 min

Lab File: BG022554.D

Acq: 25 Jun 2016 1:27

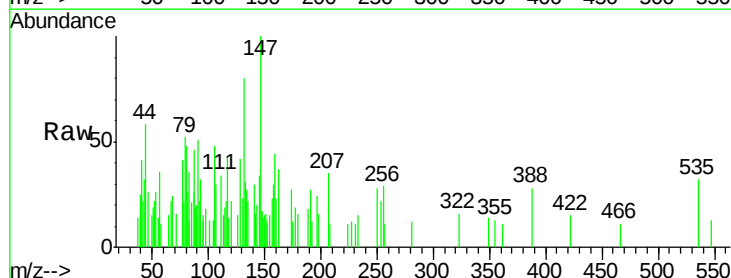
Tgt Ion:196 Resp: 118

Ion Ratio Lower Upper

196 100

198 0.0 78.2 117.2#

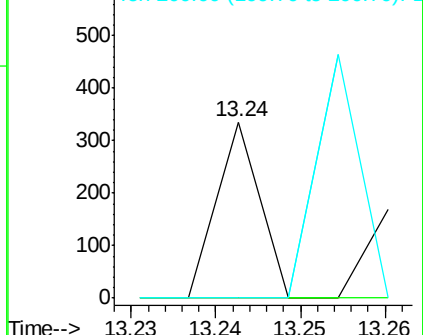
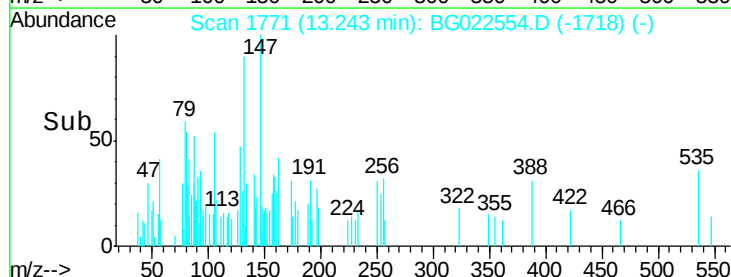
200 0.0 27.0 40.4#

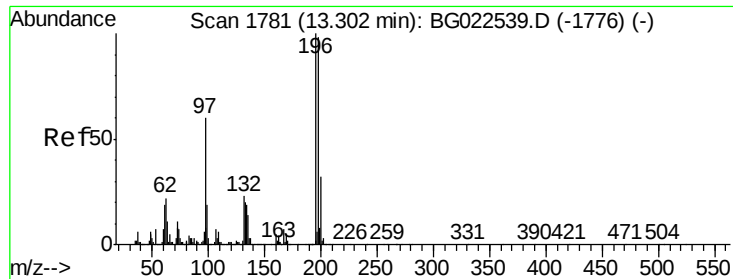


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

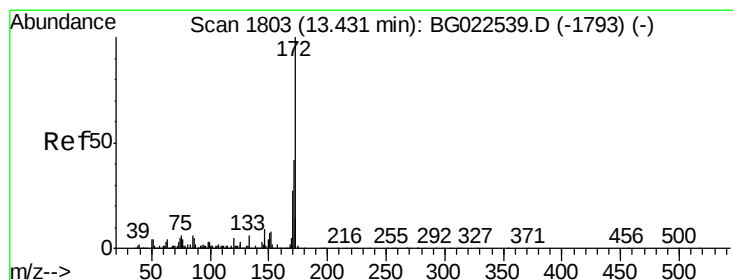
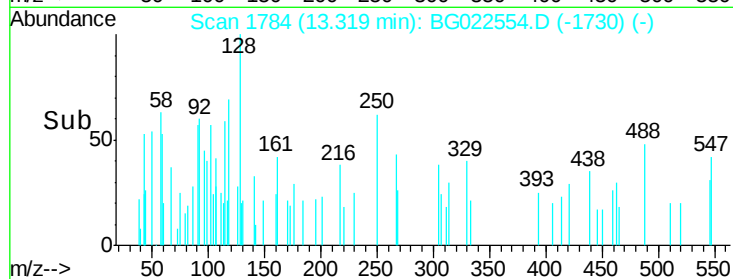
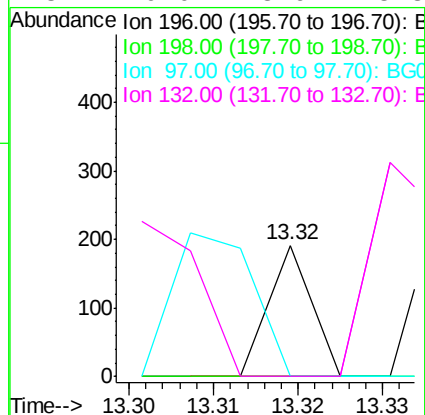
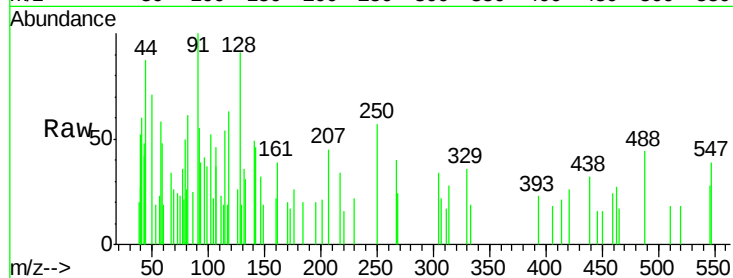




#43
2,4,5-Trichlorophenol
Concen: 0.01 ng
RT: 13.32 min Scan# 1784
Delta R.T. 0.02 min
Lab File: BG022554.D
Acq: 25 Jun 2016 1:27

Instrument :
BNA_G
ClientSampled :
MW35

Tgt Ion:196 Resp: 67
Ion Ratio Lower Upper
196 100
198 0.0 85.7 128.5#
97 0.0 45.5 68.3#
132 0.0 18.9 28.3#



#44
2-Fluorobiphenyl
Concen: 91.06 ng
RT: 13.42 min Scan# 1802
Delta R.T. -0.00 min
Lab File: BG022554.D
Acq: 25 Jun 2016 1:27

Tgt Ion:172 Resp: 1628250
Ion Ratio Lower Upper
172 100
171 38.4 31.6 47.4
170 25.4 21.3 31.9

