

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062816\
 Data File : BG022693.D
 Acq On : 29 Jun 2016 2:26
 Operator : UM/SJ
 Sample : H3769-02MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPCH-B1(13-15)MS

Quant Time: Jun 29 04:01:41 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	8.16	152	109131	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	451766	20.00	ng	-0.01
38) Acenaphthene-d10	14.80	164	320952	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	877689	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1023235	20.00	ng	0.00
86) Perylene-d12	25.21	264	1074320	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	796891	117.12	ng	0.00
7) Phenol-d6	7.30	99	1145662	119.46	ng	0.00
23) Nitrobenzene-d5	9.33	82	783788	73.43	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	667901	132.31	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1465629	72.42	ng	-0.01
78) Terphenyl-d14	20.15	244	2580828	66.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	84133	30.51	ng	96
3) Pyridine	3.98	79	129588	16.80	ng	93
4) n-Nitrosodimethylamine	3.90	42	70918	16.07	ng	92
6) Aniline	7.48	93	168580	13.26	ng	96
8) 2-Chlorophenol	7.72	128	137988	19.58	ng	97
9) Benzaldehyde	7.29	77	122751	36.37	ng	94
10) Phenol	7.33	94	222012	21.90	ng	90
11) bis(2-Chloroethyl)ether	7.57	93	142580	17.09	ng	95
12) 1,3-Dichlorobenzene	8.05	146	147364	17.18	ng	98
13) 1,4-Dichlorobenzene	8.20	146	153805	17.89	ng	96
14) 1,2-Dichlorobenzene	8.51	146	144644	17.69	ng	93
15) Benzyl Alcohol	8.39	79	164050	18.49	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.69	45	160859	17.43	ng	98
17) 2-Methylphenol	8.60	107	131080	19.62	ng	88
18) Hexachloroethane	9.25	117	57969	16.29	ng	89
19) n-Nitroso-di-n-propylamine	8.96	70	135350	16.95	ng	100
20) 3+4-Methylphenols	8.92	107	175490	19.07	ng	95
22) Acetophenone	8.98	105	243656	18.66	ng	# 91
24) Nitrobenzene	9.37	77	211254	17.91	ng	94
25) Isophorone	9.90	82	361810	17.46	ng	97
26) 2-Nitrophenol	10.09	139	81909	19.28	ng	93
27) 2,4-Dimethylphenol	10.14	122	144019	17.74	ng	# 81
28) bis(2-Chloroethoxy)methane	10.38	93	211723	18.71	ng	92
29) 2,4-Dichlorophenol	10.62	162	162881	20.59	ng	94
30) 1,2,4-Trichlorobenzene	10.84	180	169361	18.03	ng	97
31) Naphthalene	11.03	128	427692	18.83	ng	96
32) Benzoic acid	10.14	122	144019	29.36	ng	# 8
33) 4-Chloroaniline	11.13	127	111453	11.39	ng	93
34) Hexachlorobutadiene	11.32	225	120676	16.53	ng	96
35) Caprolactam	11.90	113	50689	20.34	ng	88
36) 4-Chloro-3-methylphenol	12.25	107	195095	20.09	ng	97
37) 2-Methylnaphthalene	12.63	142	315056	17.89	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	206764	17.06	ng	98
40) Hexachlorocyclopentadiene	12.97	237	439706	45.46	ng	98

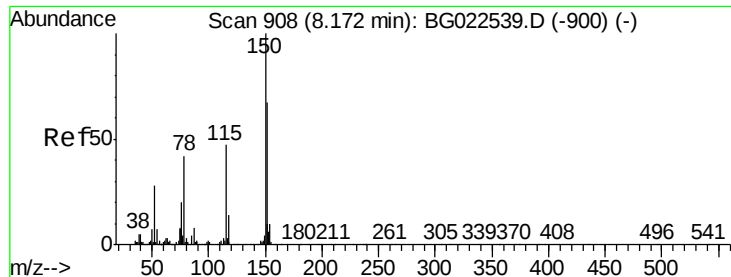
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	154108	19.83	ng	97
43) 2,4,5-Trichlorophenol	13.30	196	174190	21.43	ng	97
45) 1,1'-Biphenyl	13.63	154	443232	18.13	ng	97
46) 2-Chloronaphthalene	13.67	162	373796	18.58	ng	96
47) 2-Nitroaniline	13.87	65	152166	19.60	ng	93
48) Acenaphthylene	14.52	152	569607	19.52	ng	97
49) Dimethylphthalate	14.24	163	808224	30.36	ng	97
50) 2,6-Dinitrotoluene	14.37	165	113097	19.55	ng	# 79
51) Acenaphthene	14.86	154	362706	16.87	ng	97
52) 3-Nitroaniline	14.70	138	96089	17.75	ng	88
53) 2,4-Dinitrophenol	14.90	184	161036	45.19	ng	88
54) Dibenzofuran	15.19	168	603442	19.38	ng	97
55) 4-Nitrophenol	14.99	139	299480	65.42	ng	89
56) 2,4-Dinitrotoluene	15.15	165	171254	21.37	ng	97
57) Fluorene	15.85	166	487338	19.62	ng	93
58) 2,3,4,6-Tetrachlorophenol	15.41	232	185290	21.98	ng	# 98
59) Diethylphthalate	15.60	149	540007	19.73	ng	98
60) 4-Chlorophenyl-phenylether	15.84	204	272639	18.43	ng	98
61) 4-Nitroaniline	15.86	138	115334	20.65	ng	# 77
62) Azobenzene	16.13	77	536651	18.10	ng	92
64) 4,6-Dinitro-2-methylphenol	15.91	198	112481	19.11	ng	96
65) n-Nitrosodiphenylamine	16.05	169	458931	17.97	ng	99
66) 4-Bromophenyl-phenylether	16.73	248	193193	16.97	ng	94
67) Hexachlorobenzene	16.85	284	206923	17.19	ng	97
68) Atrazine	16.99	200	215614	19.99	ng	97
69) Pentachlorophenol	17.20	266	440724	53.19	ng	98
70) Phenanthrene	17.60	178	840301	18.77	ng	98
71) Anthracene	17.69	178	852983	18.52	ng	96
72) Carbazole	17.96	167	777020	19.90	ng	97
73) Di-n-butylphthalate	18.51	149	883680	19.43	ng	# 95
74) Fluoranthene	19.60	202	1045310	20.27	ng	96
76) Benzidine	19.78	184	730530	67.06	ng	99
77) Pyrene	19.97	202	1050789	19.28	ng	92
79) Butylbenzylphthalate	20.84	149	416887	17.67	ng	98
80) Benzo(a)anthracene	21.83	228	1088998	19.23	ng	92
81) 3,3'-Dichlorobenzidine	21.73	252	263055	11.25	ng	97
82) Chrysene	21.89	228	1022448	19.22	ng	95
83) Bis(2-ethylhexyl)phthalate	21.72	149	576082	17.34	ng	96
84) Di-n-octyl phthalate	22.97	149	969196	17.70	ng	# 95
85) Indeno(1,2,3-cd)pyrene	29.04	276	1174668	16.80	ng	# 100
87) Benzo(b)fluoranthene	24.13	252	1134184	17.56	ng	98
88) Benzo(k)fluoranthene	24.20	252	1077766	17.65	ng	97
89) Benzo(a)pyrene	25.04	252	1081112	17.17	ng	98
90) Dibenzo(a,h)anthracene	29.11	278	998105	16.84	ng	97
91) Benzo(g,h,i)perylene	30.24	276	965607	16.00	ng	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.01 min

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EPCH-B1(13-15)MS

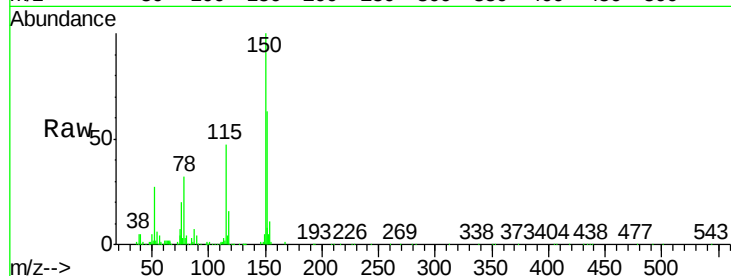
Tgt Ion:152 Resp: 109131

Ion Ratio Lower Upper

152 100

150 159.2 144.7 217.1

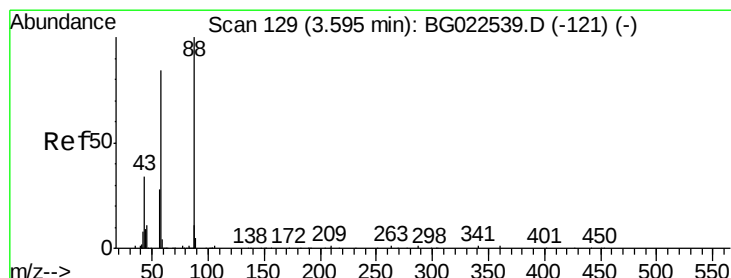
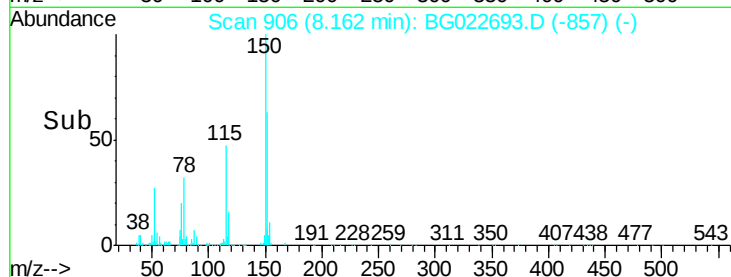
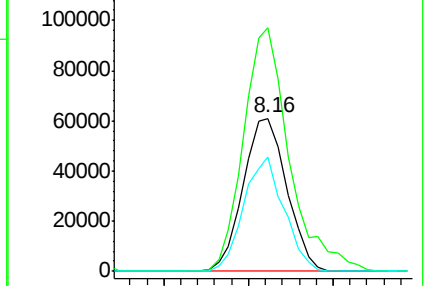
115 75.1 64.0 96.0



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: 30.51 ng

RT: 3.58 min Scan# 126

Delta R.T. -0.02 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

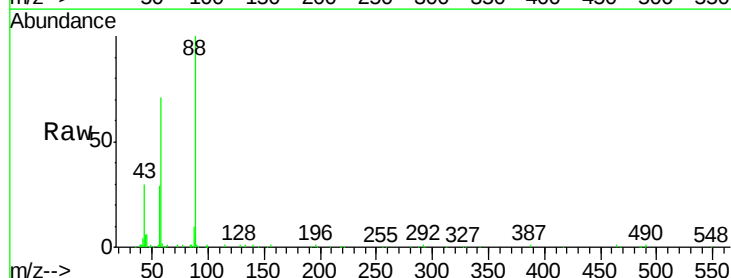
Tgt Ion: 88 Resp: 84133

Ion Ratio Lower Upper

88 100

58 72.2 60.4 90.6

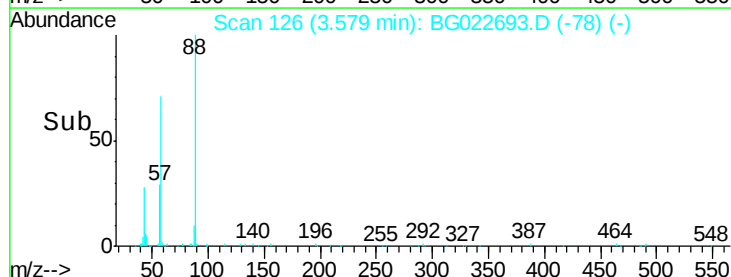
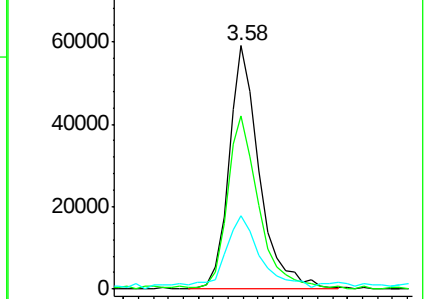
43 35.6 31.1 46.7

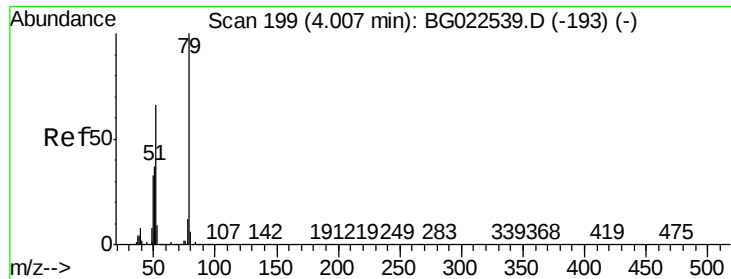


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 16.80 ng

RT: 3.98 min Scan# 195

Delta R.T. -0.02 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

Instrument :

BNA_G

ClientSampleId :

EPCH-B1(13-15)MS

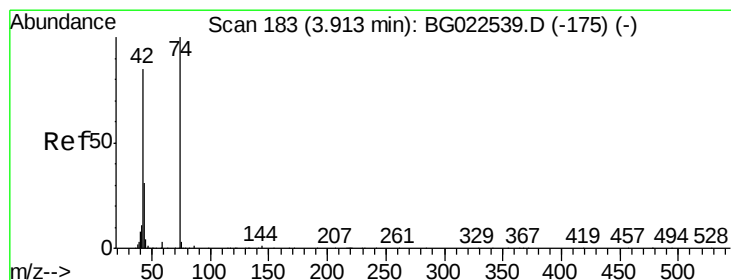
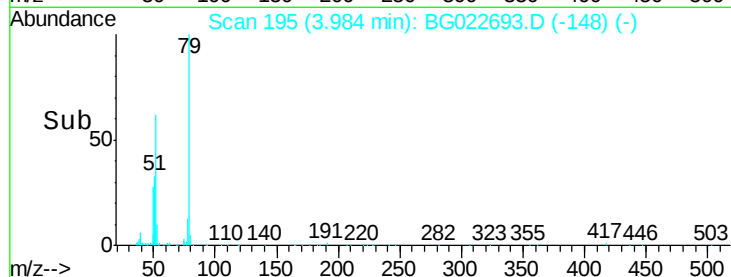
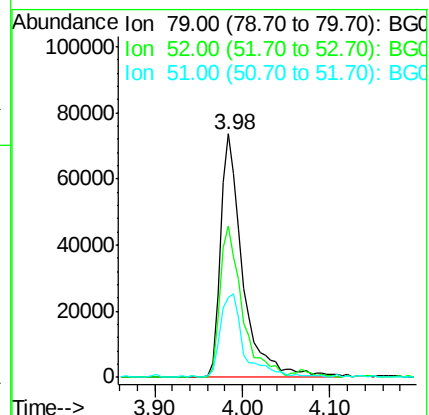
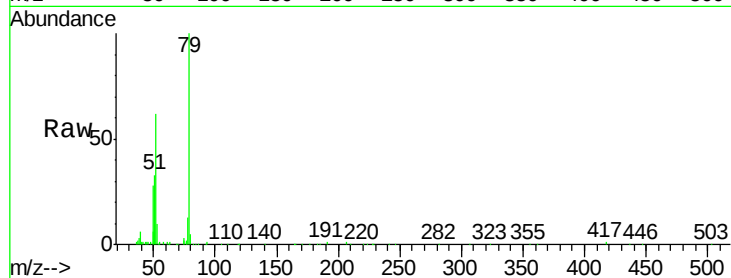
Tgt Ion: 79 Resp: 129588

Ion Ratio Lower Upper

79 100

52 62.4 51.8 77.8

51 32.8 32.7 49.1



#4

n-Nitrosodimethylamine

Concen: 16.07 ng

RT: 3.90 min Scan# 180

Delta R.T. -0.02 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

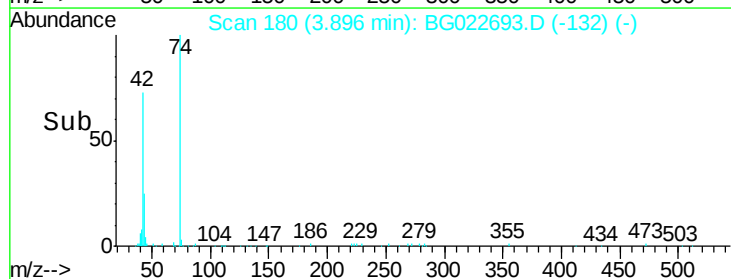
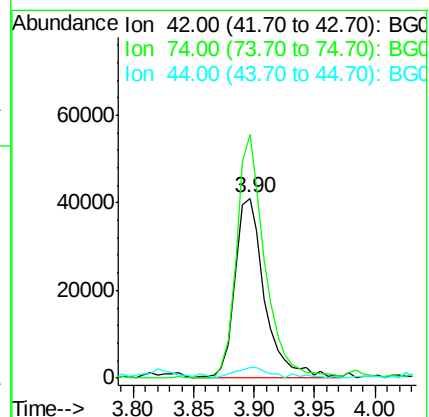
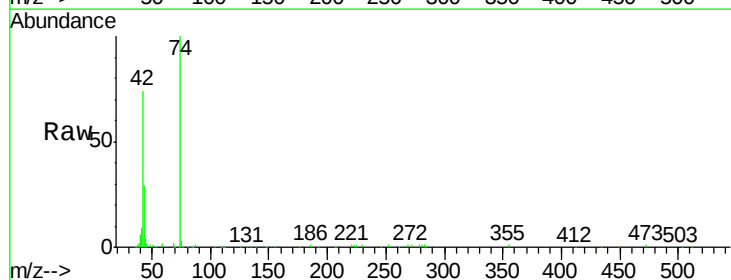
Tgt Ion: 42 Resp: 70918

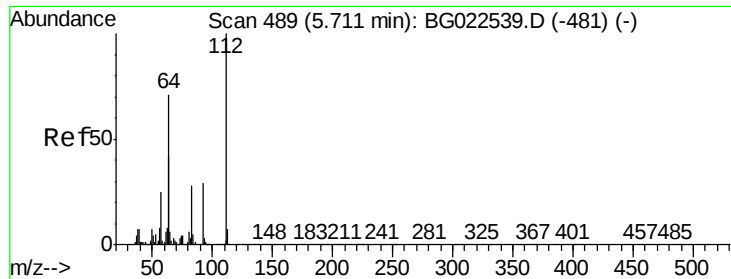
Ion Ratio Lower Upper

42 100

74 135.3 100.6 150.8

44 5.9 4.5 6.7





#5

2-Fluorophenol

Concen: 117.12 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

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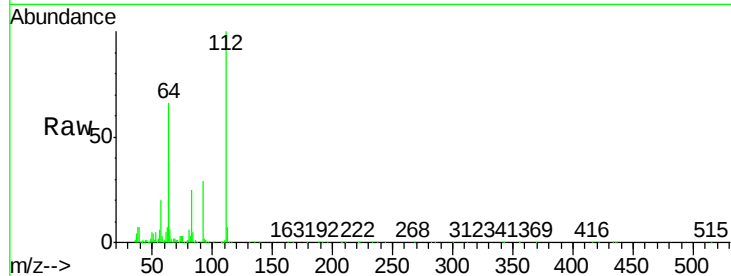
Tgt Ion: 112 Resp: 796891

Ion Ratio Lower Upper

112 100

64 66.4 59.0 88.4

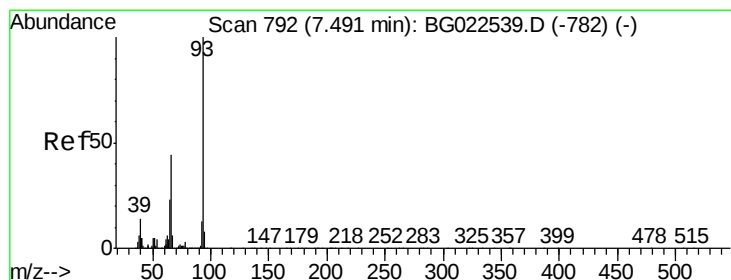
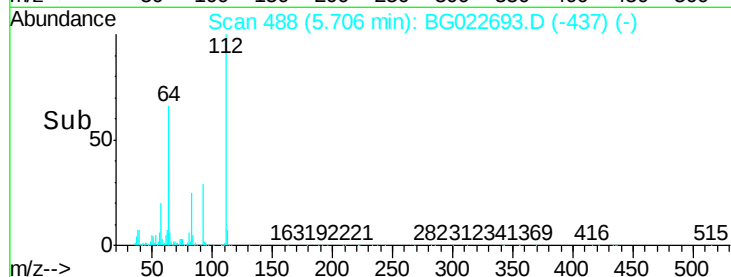
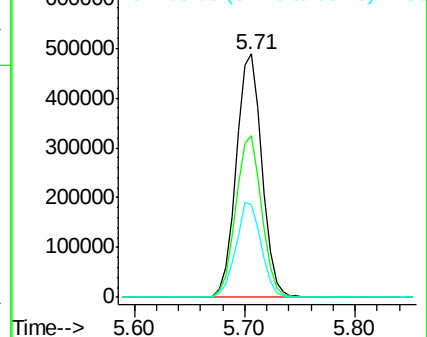
63 38.2 37.8 56.8



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: 13.26 ng

RT: 7.48 min Scan# 790

Delta R.T. -0.01 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

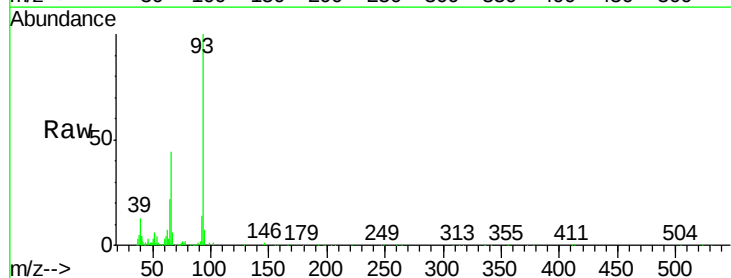
Tgt Ion: 93 Resp: 168580

Ion Ratio Lower Upper

93 100

66 43.5 37.5 56.3

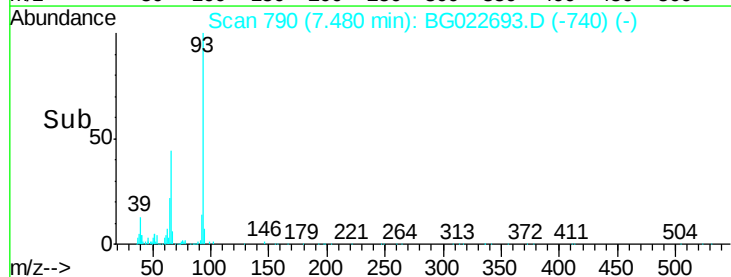
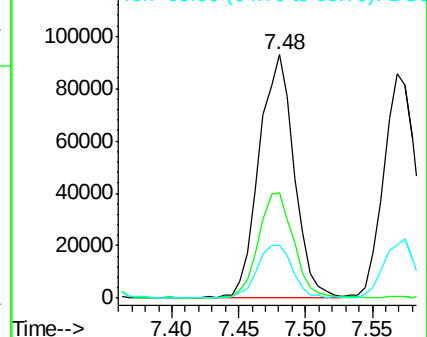
65 21.6 17.9 26.9



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: 119.46 ng

RT: 7.30 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG022693.D

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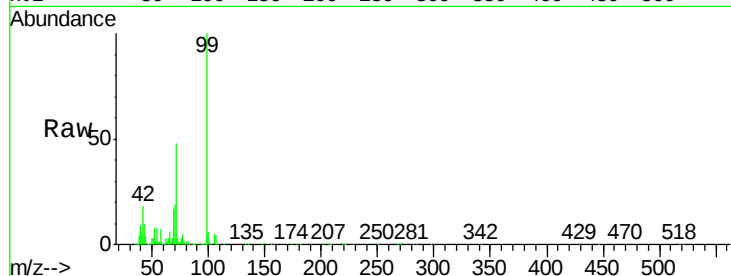
Tgt Ion: 99 Resp: 1145662

Ion Ratio Lower Upper

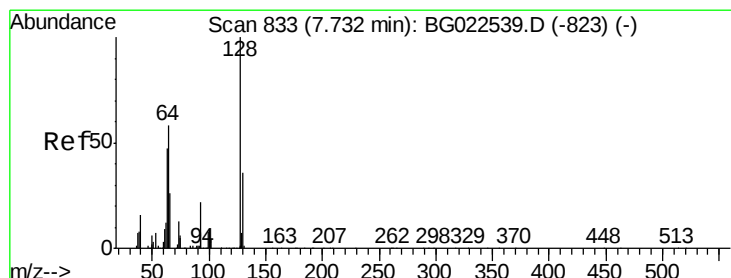
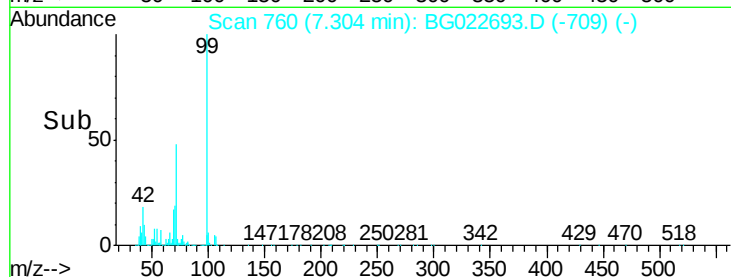
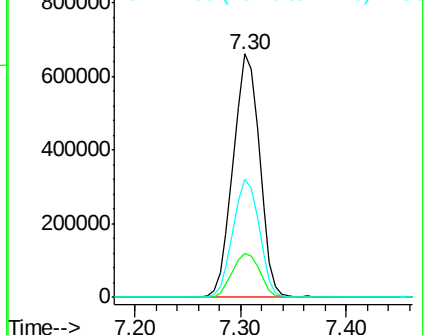
99 100

42 18.2 17.8 26.6

71 48.5 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: 19.58 ng

RT: 7.72 min Scan# 831

Delta R.T. -0.01 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

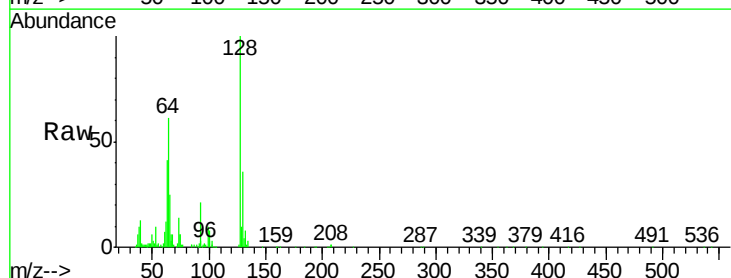
Tgt Ion: 128 Resp: 137988

Ion Ratio Lower Upper

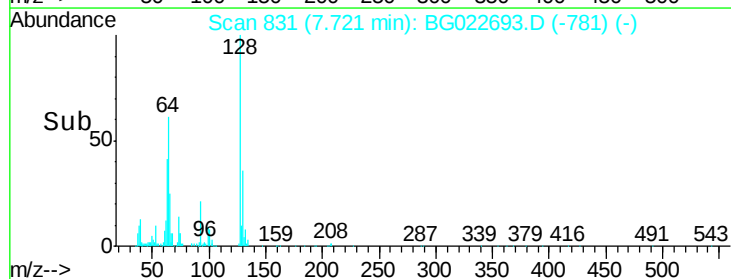
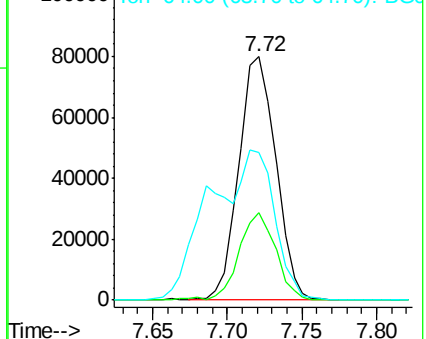
128 100

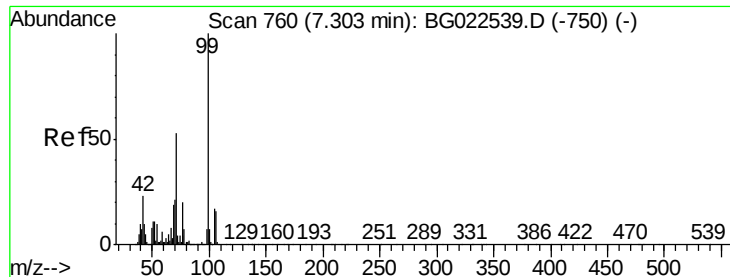
130 35.8 12.9 52.9

64 60.8 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: 36.37 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.01 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

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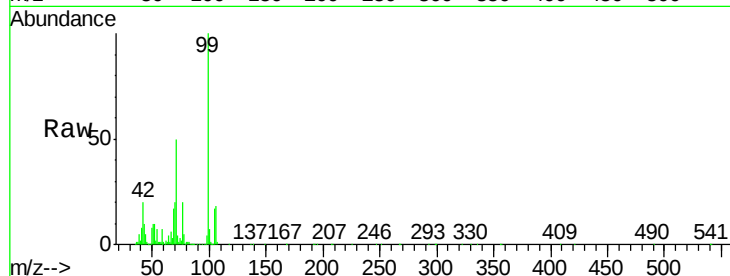
Tgt Ion: 77 Resp: 122751

Ion Ratio Lower Upper

77 100

105 86.1 58.7 98.7

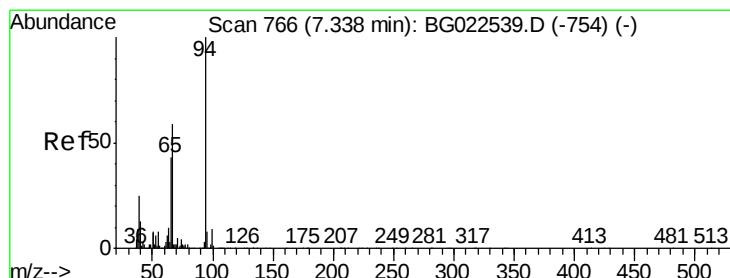
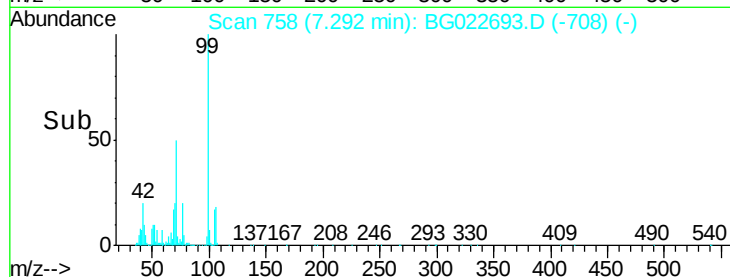
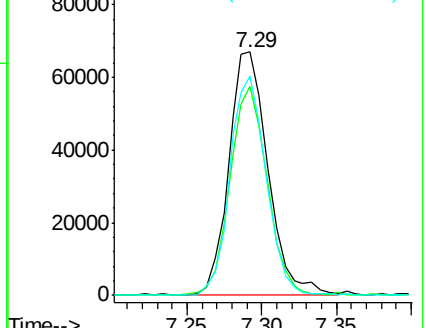
106 90.3 67.5 107.5



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: 21.90 ng

RT: 7.33 min Scan# 765

Delta R.T. 0.00 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

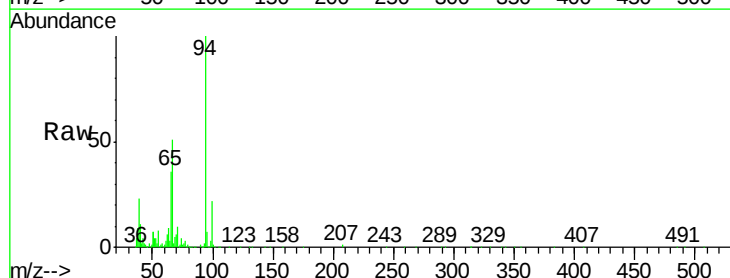
Tgt Ion: 94 Resp: 222012

Ion Ratio Lower Upper

94 100

65 35.7 18.1 58.1

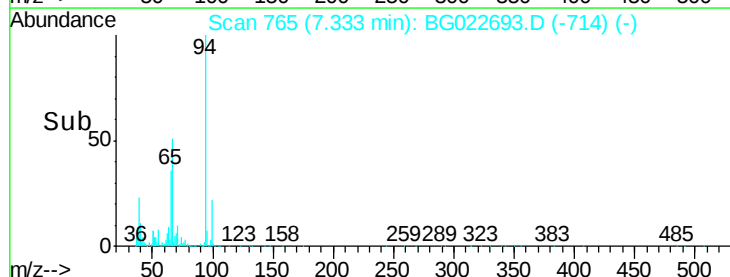
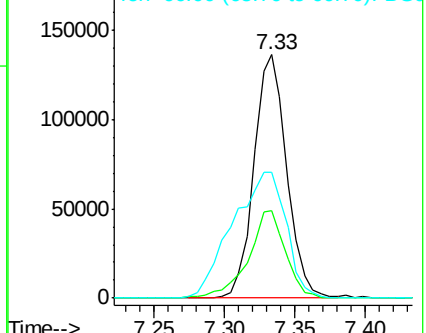
66 51.5 42.1 82.1

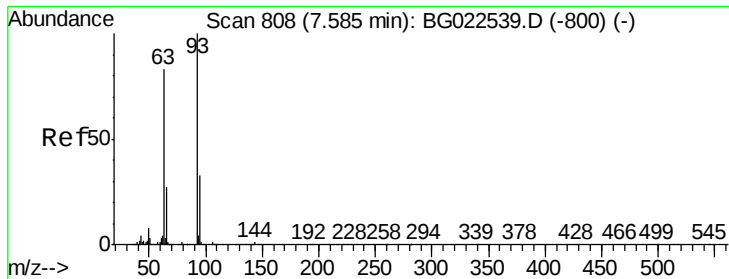


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

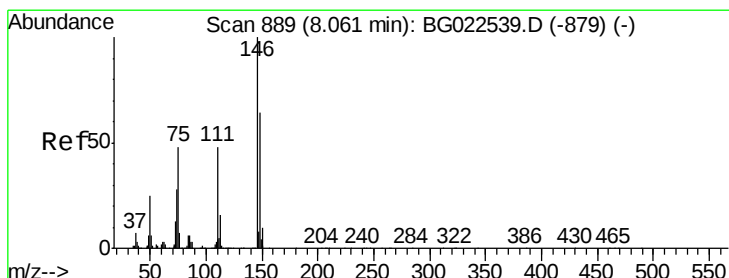
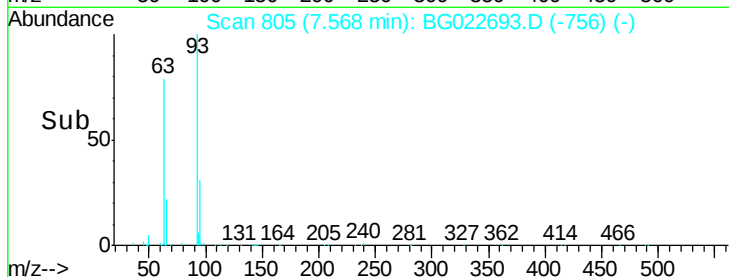
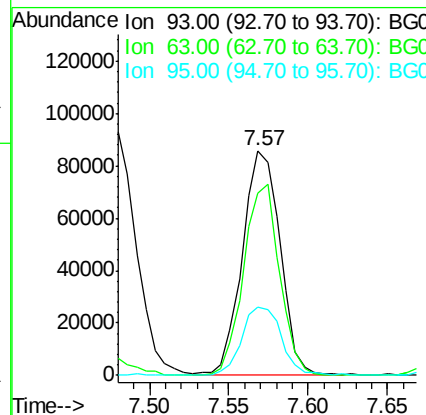
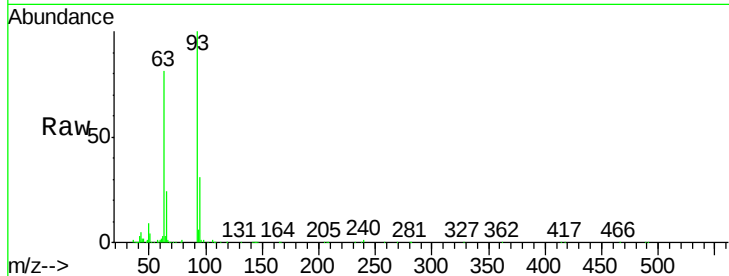




#11
bis(2-Chloroethyl)ether
Concen: 17.09 ng
RT: 7.57 min Scan# 805
Delta R.T. -0.01 min
Lab File: BG022693.D
Acq: 29 Jun 2016 2:26

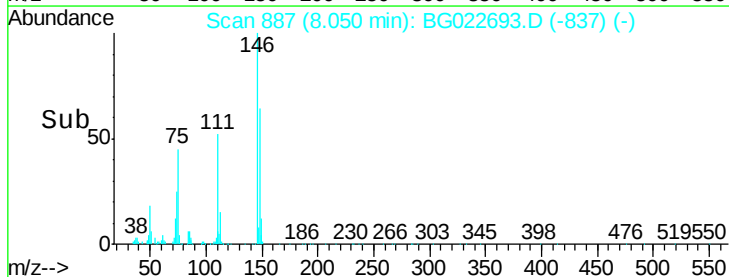
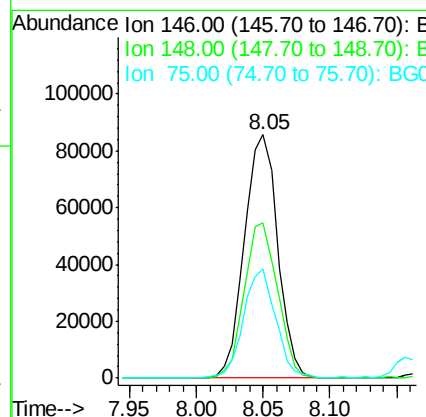
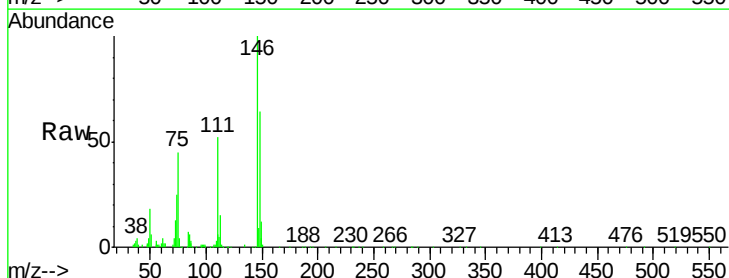
Instrument :
BNA_G
ClientSampleId :
EPCH-B1(13-15)MS

Tgt Ion: 93 Resp: 142580
Ion Ratio Lower Upper
93 100
63 81.3 55.0 95.0
95 30.6 11.0 51.0



#12
1,3-Dichlorobenzene
Concen: 17.18 ng
RT: 8.05 min Scan# 887
Delta R.T. -0.01 min
Lab File: BG022693.D
Acq: 29 Jun 2016 2:26

Tgt Ion: 146 Resp: 147364
Ion Ratio Lower Upper
146 100
148 64.0 50.3 75.5
75 45.0 37.0 55.6

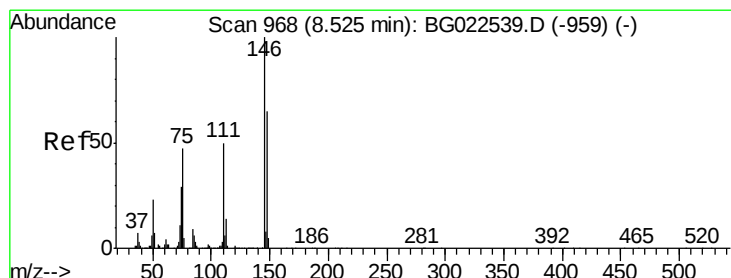
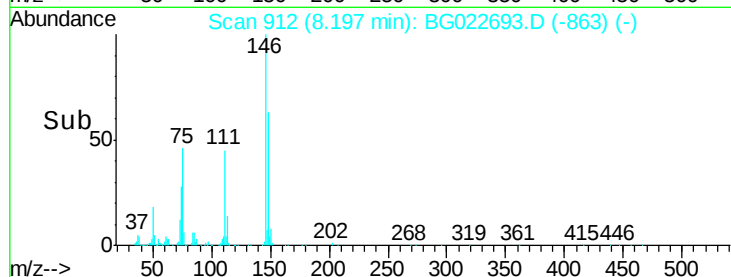
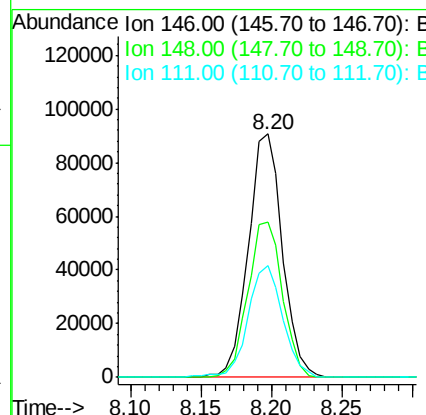
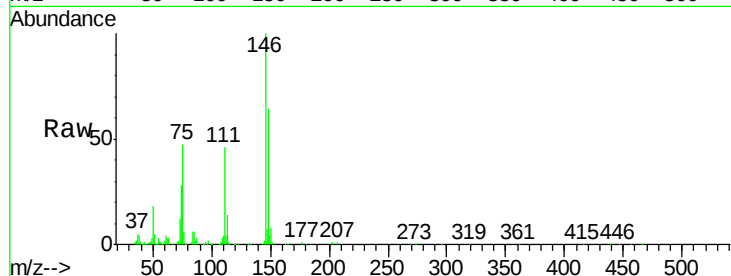




#13
 1,4-Dichlorobenzene
 Concen: 17.89 ng
 RT: 8.20 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BG022693.D
 Acq: 29 Jun 2016 2:26

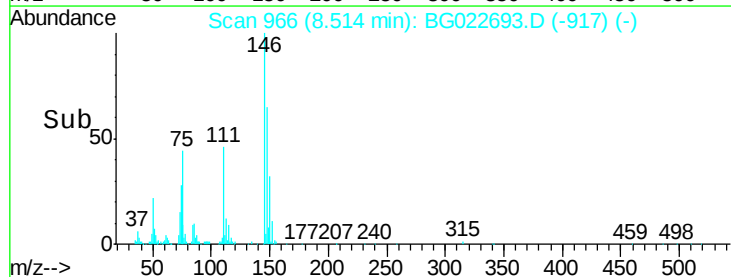
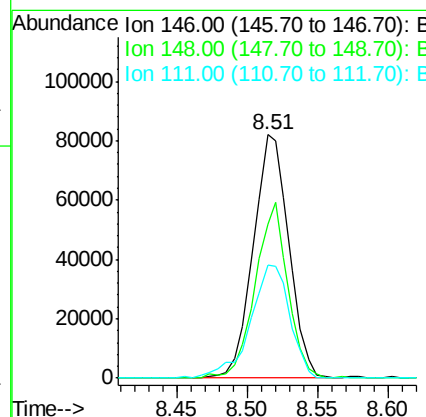
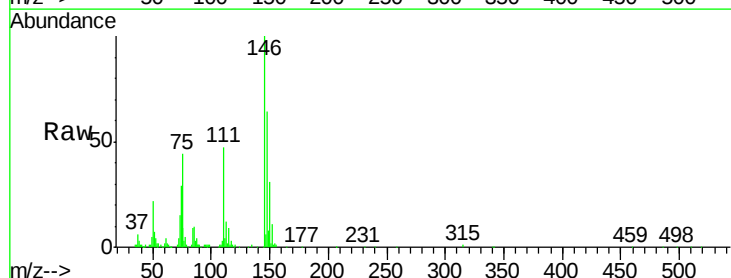
Instrument :
 BNA_G
 ClientSampleId :
 EPCH-B1(13-15)MS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	54.5	81.7
111	45.7	37.8	56.8



#14
 1,2-Dichlorobenzene
 Concen: 17.69 ng
 RT: 8.51 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: BG022693.D
 Acq: 29 Jun 2016 2:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.9	79.3
111	46.6	43.5	65.3





#15

Benzyl Alcohol

Concen: 18.49 ng

RT: 8.39 min Scan# 945

Delta R.T. -0.01 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

Instrument :

BNA_G

ClientSampleId :

EPCH-B1(13-15)MS

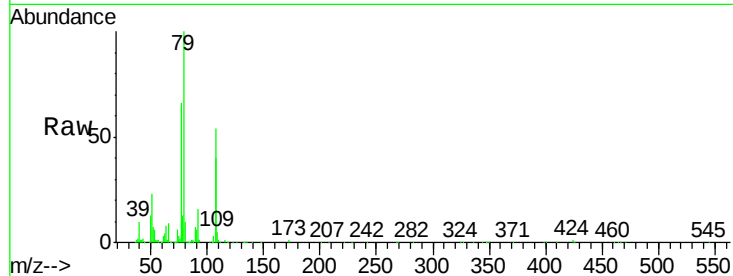
Tgt Ion: 79 Resp: 164050

Ion Ratio Lower Upper

79 100

108 54.3 46.5 69.7

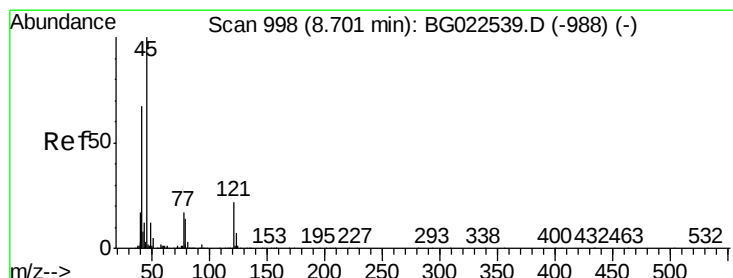
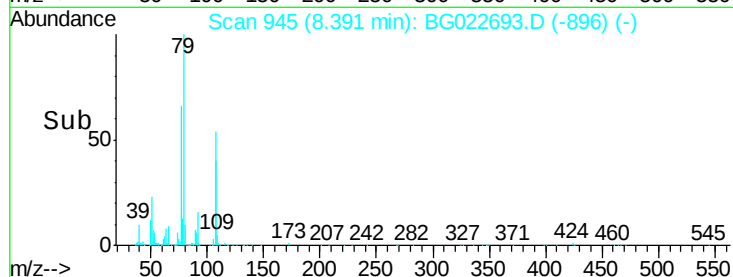
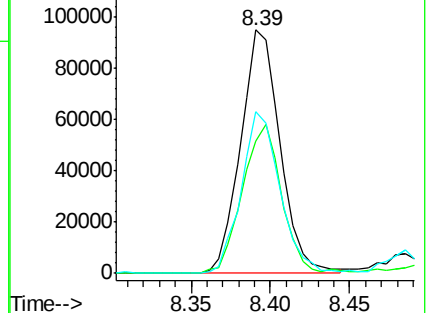
77 66.4 52.3 78.5



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 17.43 ng

RT: 8.69 min Scan# 996

Delta R.T. -0.01 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

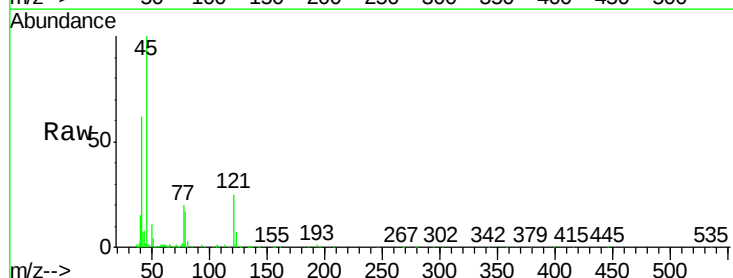
Tgt Ion: 45 Resp: 160859

Ion Ratio Lower Upper

45 100

77 19.6 0.6 40.6

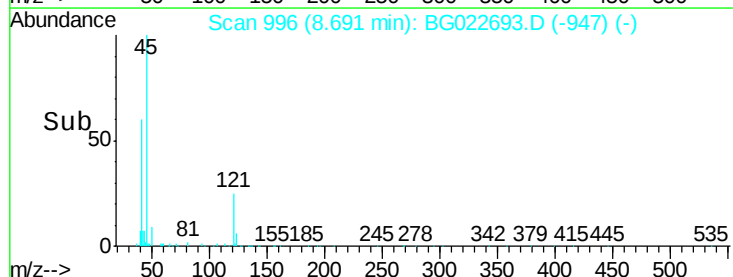
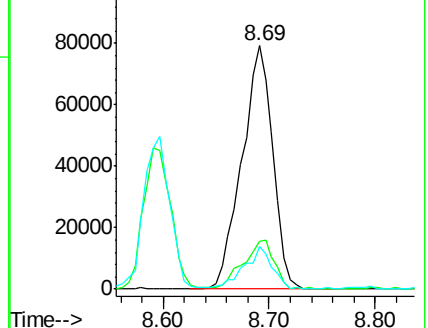
79 17.3 0.0 36.2

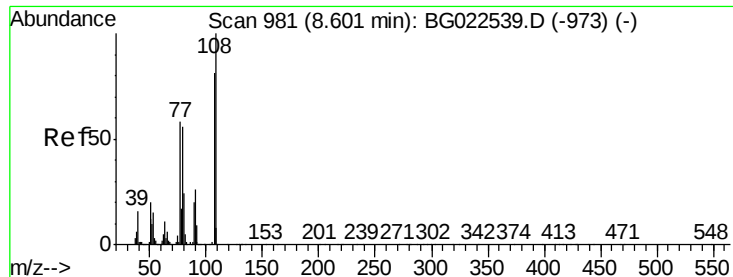


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

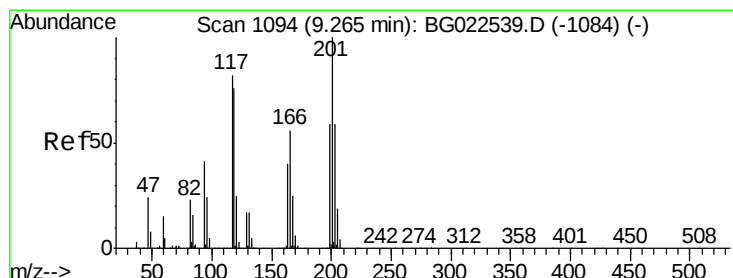
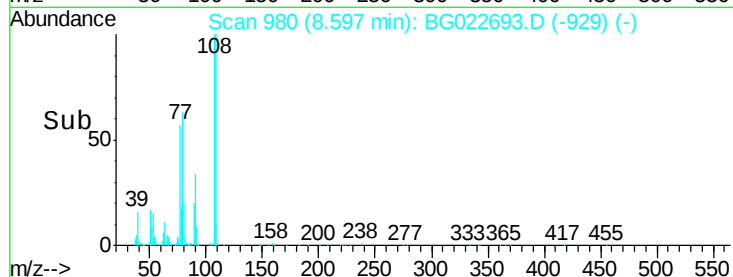
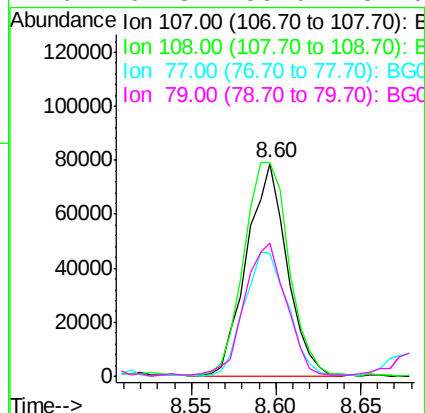
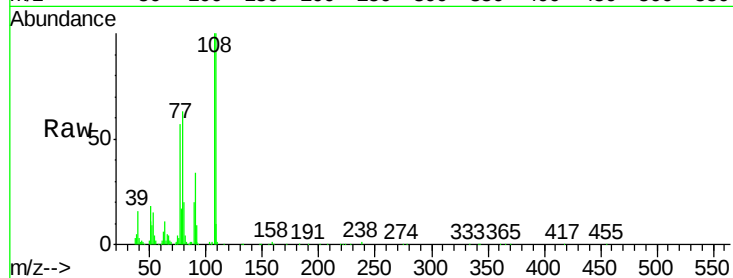




#17
2-Methylphenol
Concen: 19.62 ng
RT: 8.60 min Scan# 980
Delta R.T. 0.00 min
Lab File: BG022693.D
Acq: 29 Jun 2016 2:26

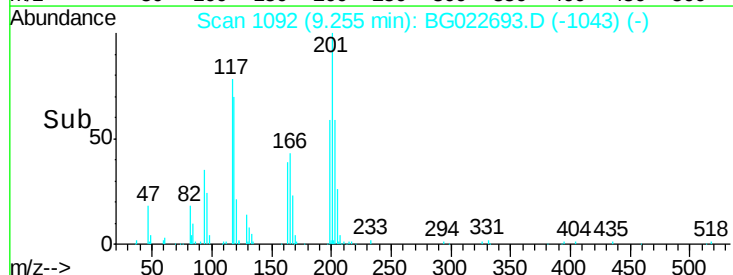
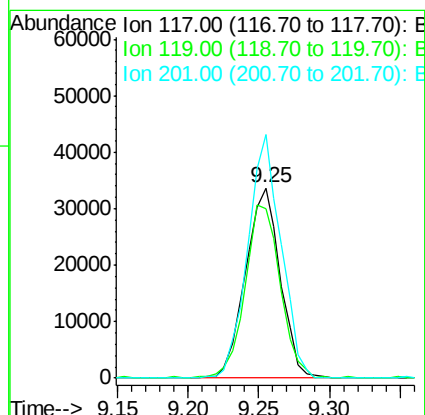
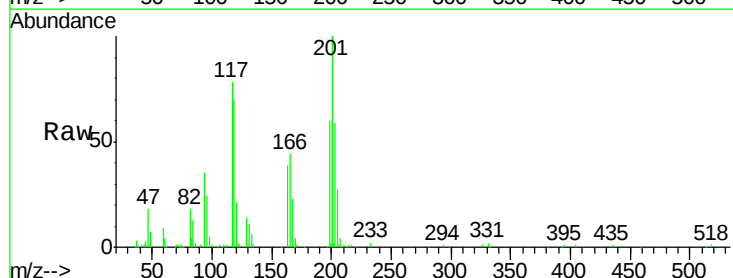
Instrument :
BNA_G
ClientSampleId :
EPCH-B1(13-15)MS

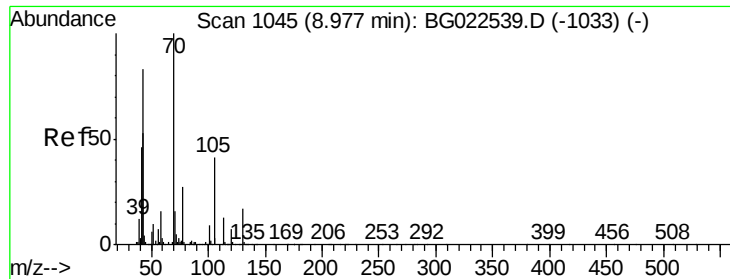
Tgt Ion:	107	Resp:	131080
Ion	Ratio	Lower	Upper
107	100		
108	100.2	92.0	138.0
77	57.4	55.8	83.6
79	62.8	55.0	82.6



#18
Hexachloroethane
Concen: 16.29 ng
RT: 9.25 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BG022693.D
Acq: 29 Jun 2016 2:26

Tgt Ion:	117	Resp:	57969
Ion	Ratio	Lower	Upper
117	100		
119	89.3	73.7	110.5
201	130.4	88.7	133.1





#19

n-Nitroso-di-n-propylamine

Concen: 16.95 ng

RT: 8.96 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

Instrument :

BNA_G

ClientSampleId :

EPCH-B1(13-15)MS

Tgt Ion: 70 Resp: 135350

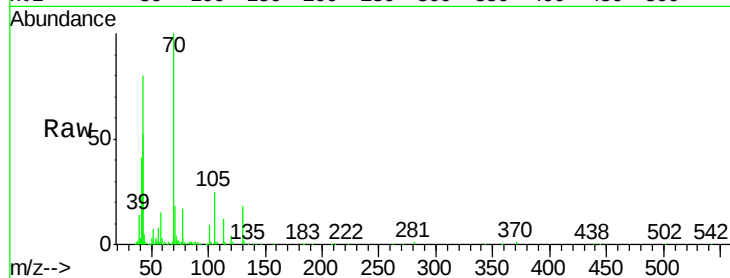
Ion Ratio Lower Upper

70 100

42 52.5 42.1 63.1

101 8.9 7.2 10.8

130 18.3 14.2 21.2

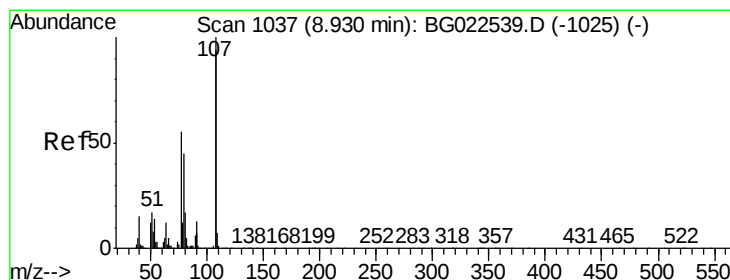
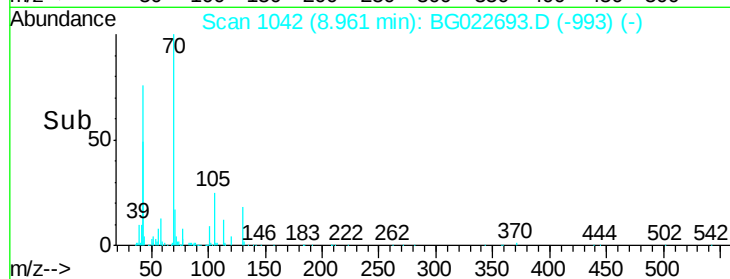
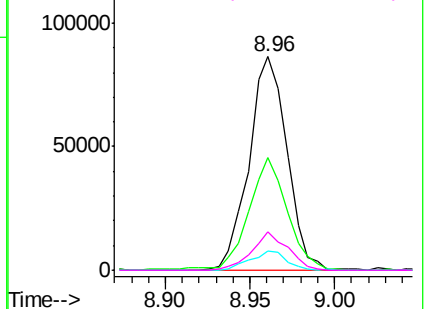


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 19.07 ng

RT: 8.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

Tgt Ion: 107 Resp: 175490

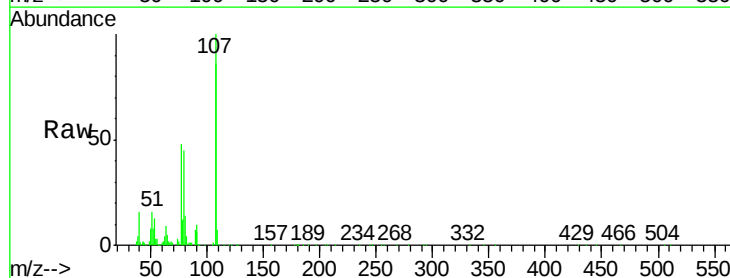
Ion Ratio Lower Upper

107 100

108 86.0 72.5 112.5

77 48.1 30.1 70.1

79 45.3 24.2 64.2

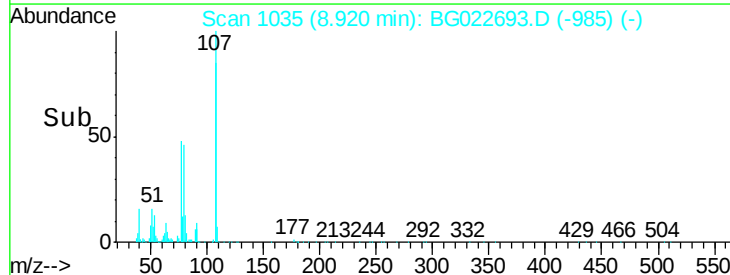
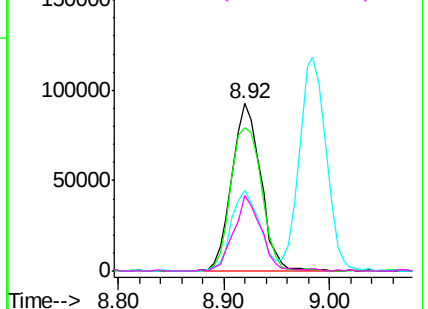


Abundance Ion 107.00 (106.70 to 107.70): BGC

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

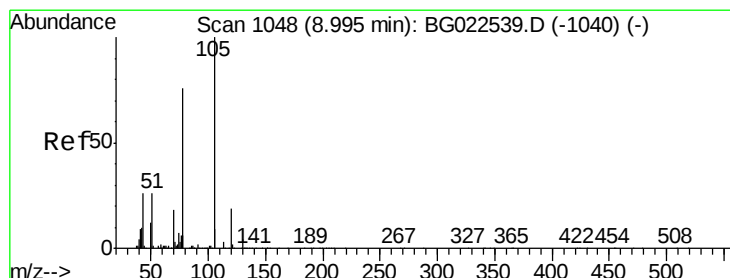
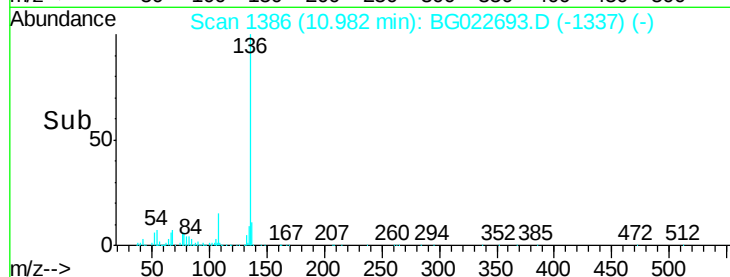
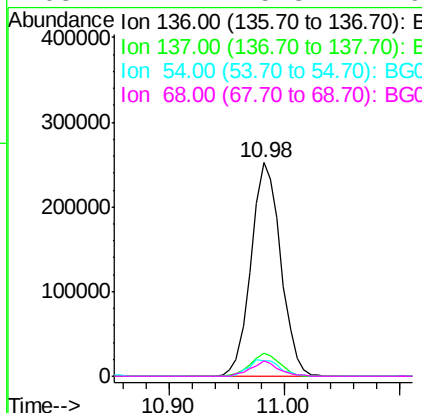
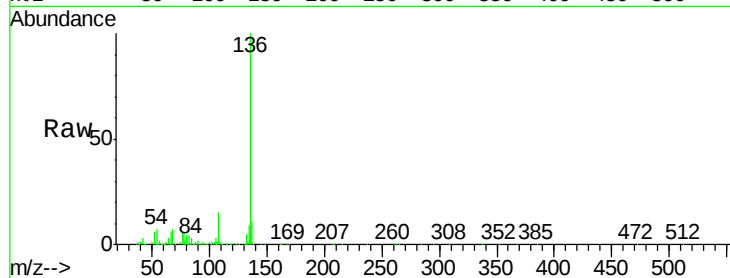




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BG022693.D
Acq: 29 Jun 2016 2:26

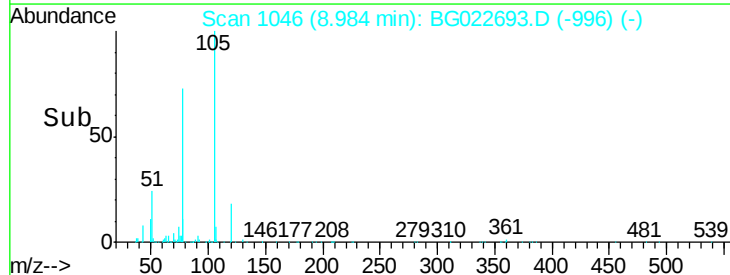
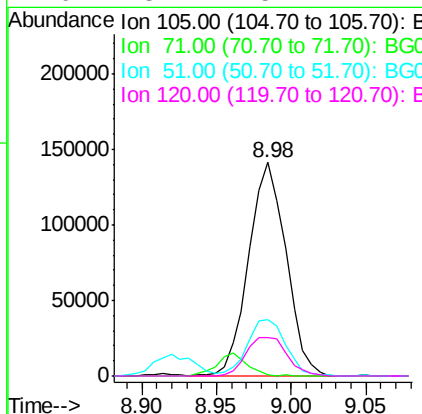
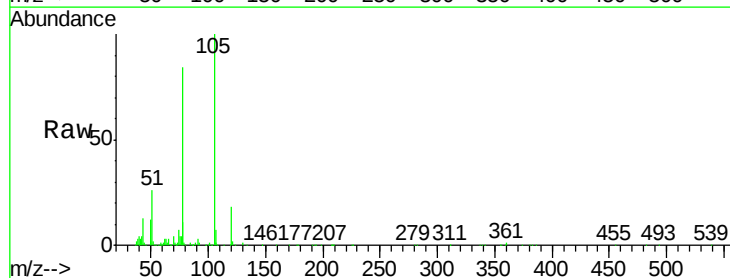
Instrument :
BNA_G
ClientSampleId :
EPCH-B1(13-15)MS

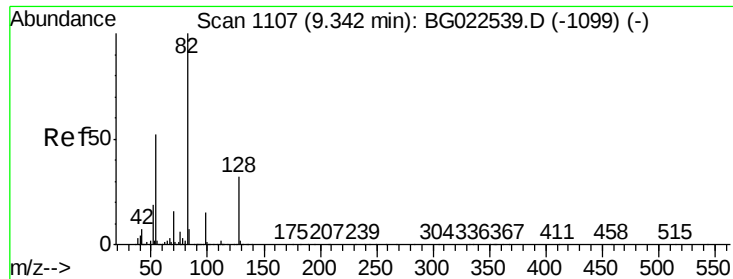
Tgt Ion:	136	Resp:	451766
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.6	14.4
54	7.2	7.3	10.9#
68	7.1	5.3	7.9



#22
Acetophenone
Concen: 18.66 ng
RT: 8.98 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG022693.D
Acq: 29 Jun 2016 2:26

Tgt Ion:	105	Resp:	243656
Ion	Ratio	Lower	Upper
105	100		
71	0.9	2.6	3.8#
51	26.5	27.1	40.7#
120	18.1	15.1	22.7

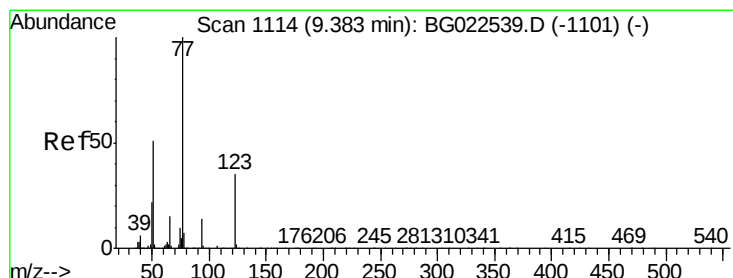
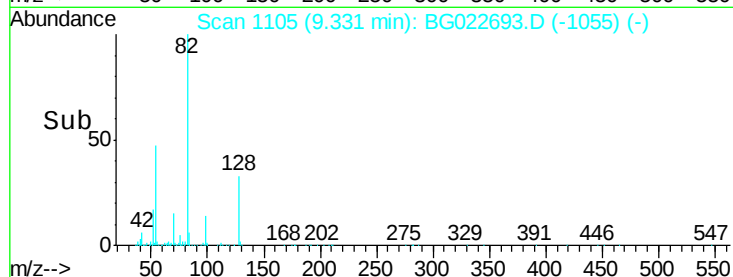
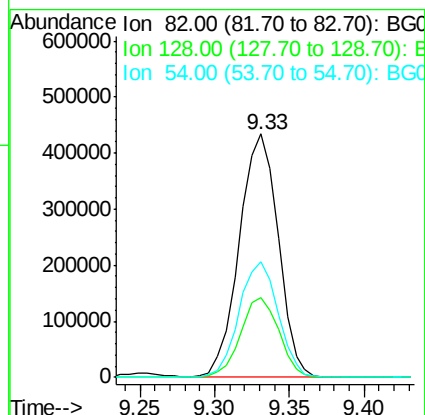
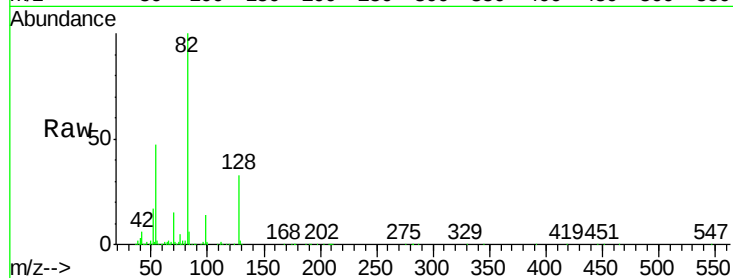




#23
 Nitrobenzene-d5
 Concen: 73.43 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: BG022693.D
 Acq: 29 Jun 2016 2:26

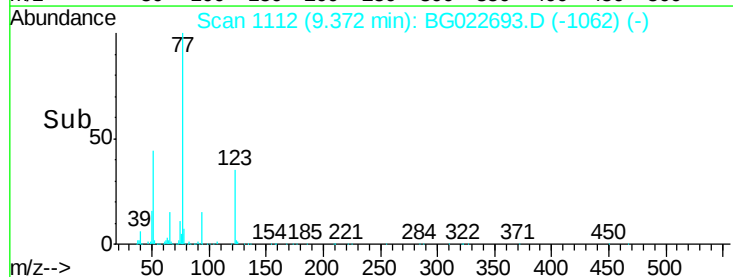
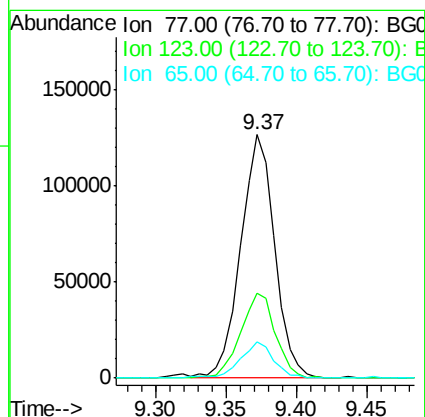
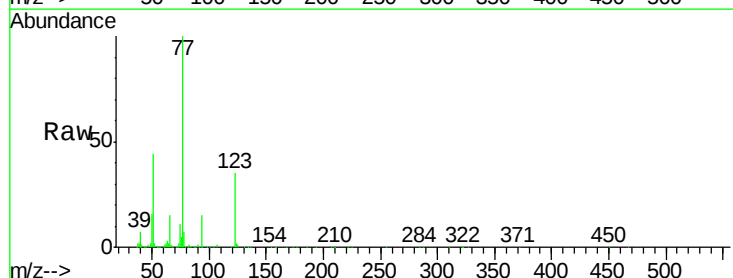
Instrument :
 BNA_G
 ClientSampleId :
 EPCH-B1(13-15)MS

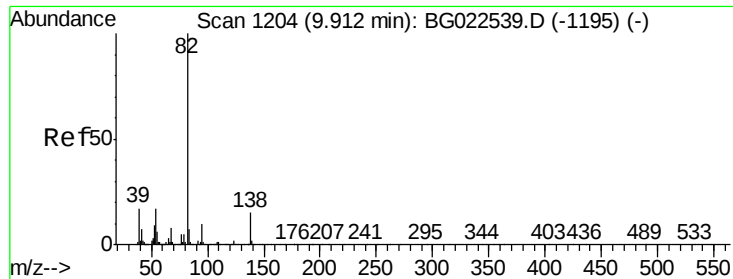
Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.7	24.4	36.6
54	47.4	41.4	62.0



#24
 Nitrobenzene
 Concen: 17.91 ng
 RT: 9.37 min Scan# 1112
 Delta R.T. -0.01 min
 Lab File: BG022693.D
 Acq: 29 Jun 2016 2:26

Tgt Ion	Ratio	Lower	Upper
77	100		
123	34.7	25.0	37.6
65	14.7	13.4	20.0

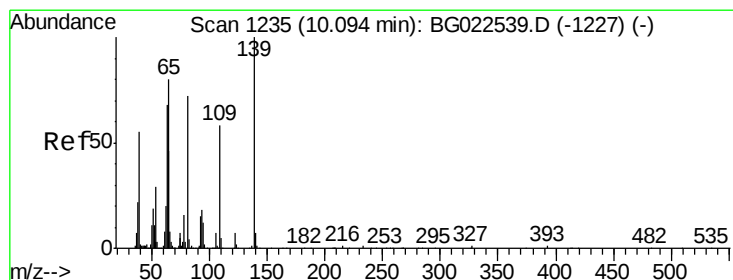
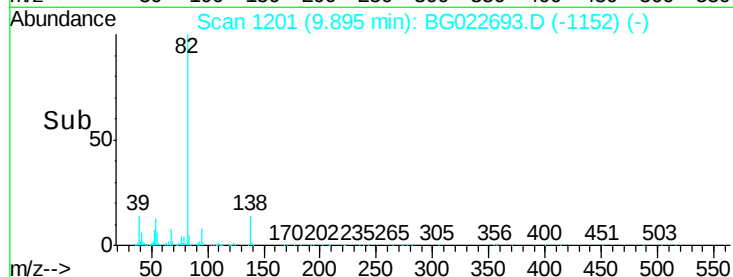
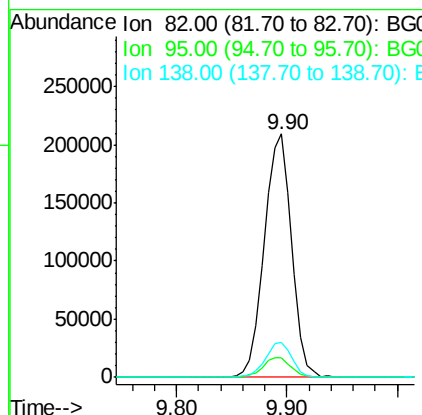
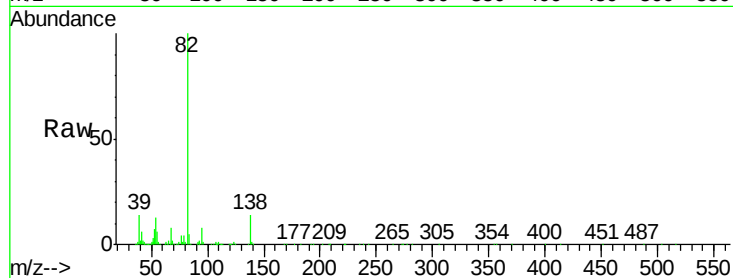




#25
Isophorone
Concen: 17.46 ng
RT: 9.90 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BG022693.D
Acq: 29 Jun 2016 2:26

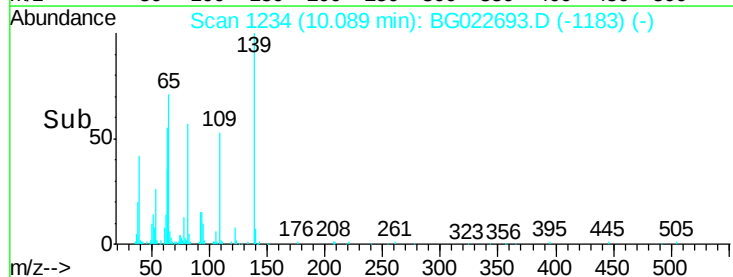
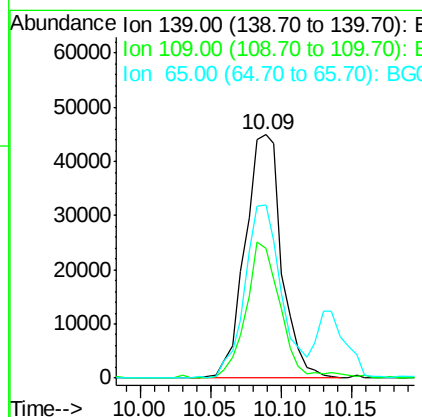
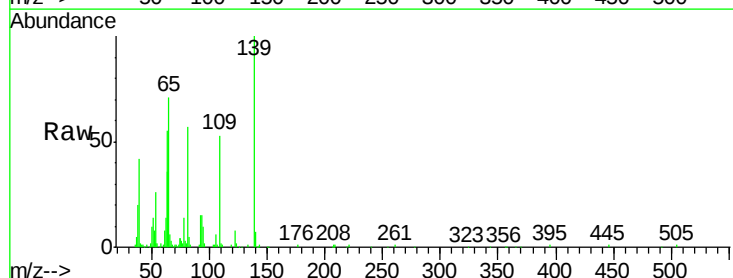
Instrument :
BNA_G
ClientSampleId :
EPCH-B1(13-15)MS

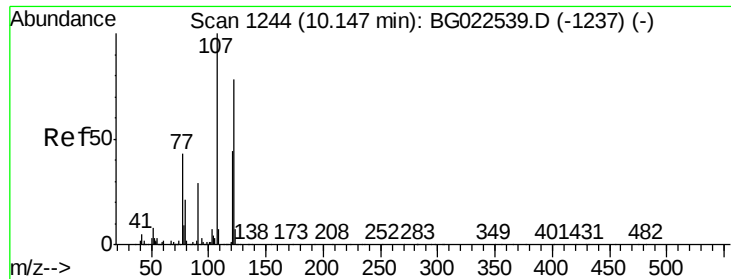
Tgt Ion	Ratio	Lower	Upper
82	100		
95	8.3	8.2	12.2
138	14.2	10.7	16.1



#26
2-Nitrophenol
Concen: 19.28 ng
RT: 10.09 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BG022693.D
Acq: 29 Jun 2016 2:26

Tgt Ion	Ratio	Lower	Upper
139	100		
109	53.1	43.5	65.3
65	71.1	64.3	96.5

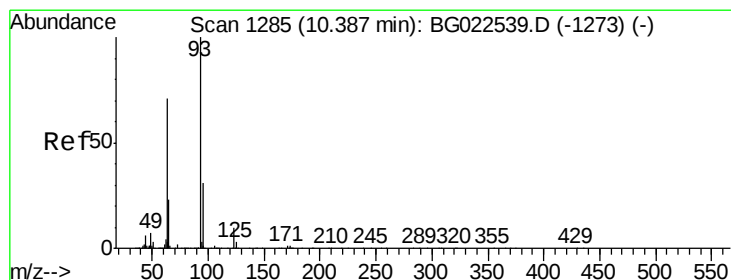
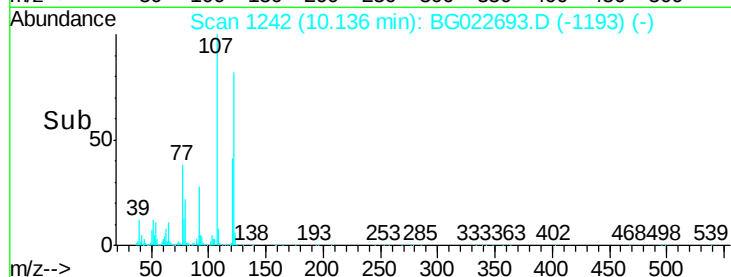
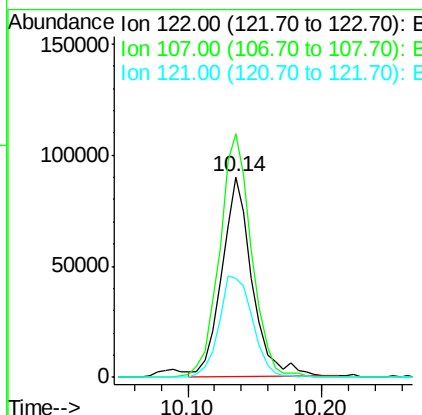
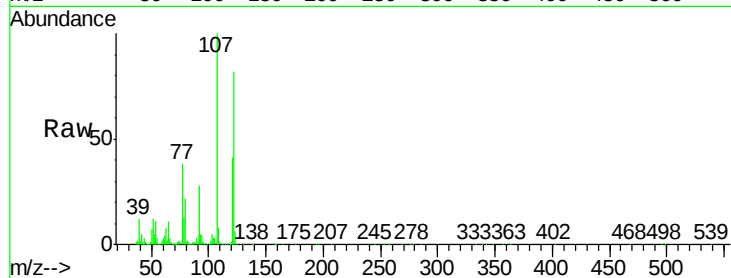




#27
2,4-Dimethylphenol
Concen: 17.74 ng
RT: 10.14 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BG022693.D
Acq: 29 Jun 2016 2:26

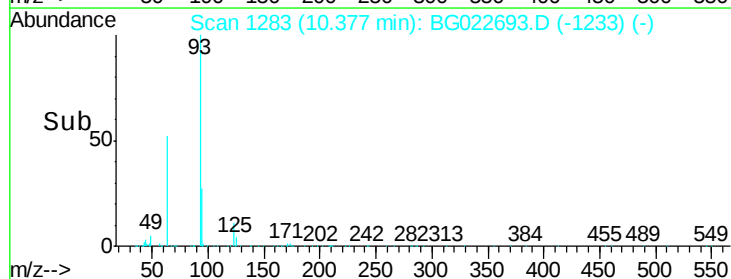
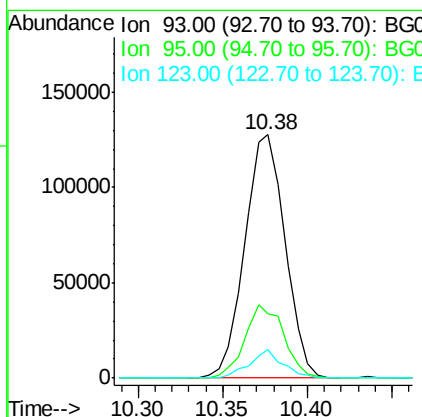
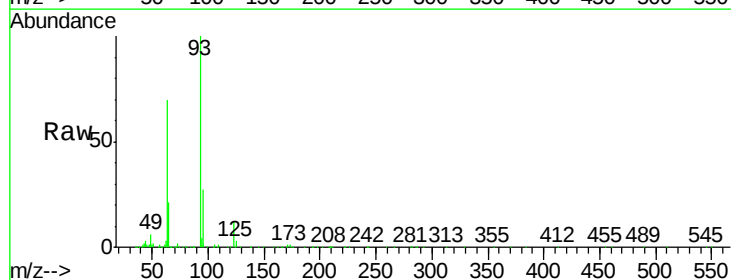
Instrument :
BNA_G
ClientSampleId :
EPCH-B1(13-15)MS

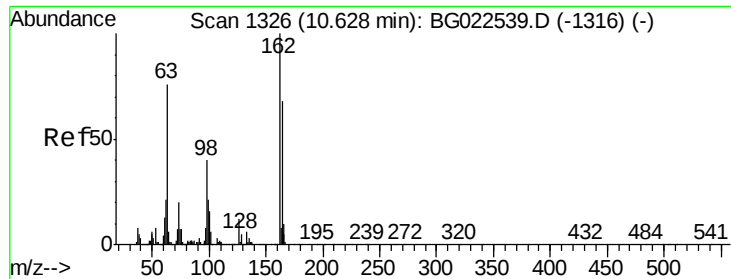
Tgt Ion: 122 Resp: 144019
Ion Ratio Lower Upper
122 100
107 121.7 117.0 175.4
121 49.6 50.1 75.1#



#28
bis(2-Chloroethoxy)methane
Concen: 18.71 ng
RT: 10.38 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG022693.D
Acq: 29 Jun 2016 2:26

Tgt Ion: 93 Resp: 211723
Ion Ratio Lower Upper
93 100
95 26.5 25.4 38.2
123 11.5 8.2 12.2

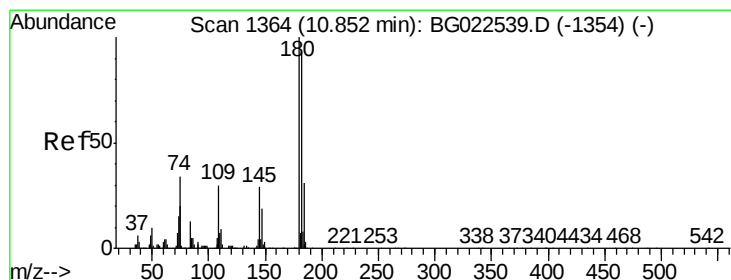
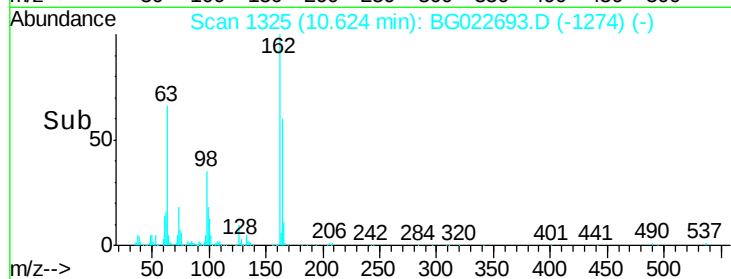
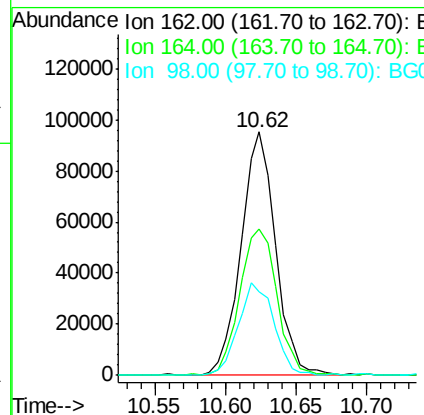
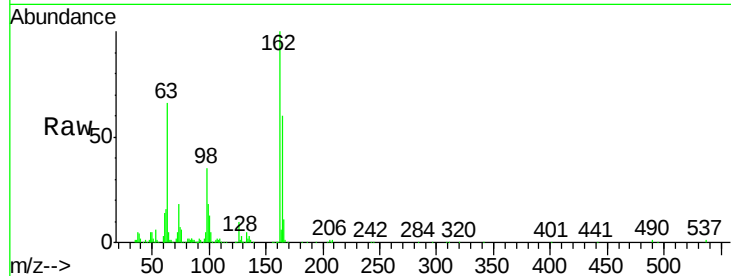




#29
 2,4-Dichlorophenol
 Concen: 20.59 ng
 RT: 10.62 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: BG022693.D
 Acq: 29 Jun 2016 2:26

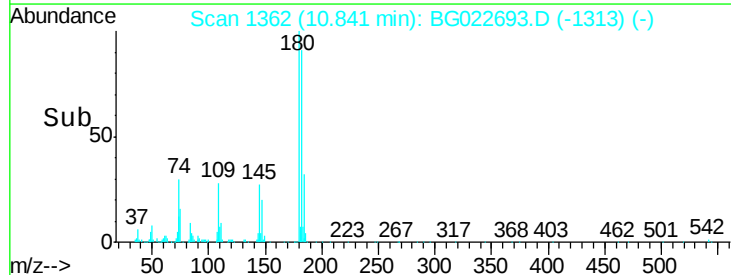
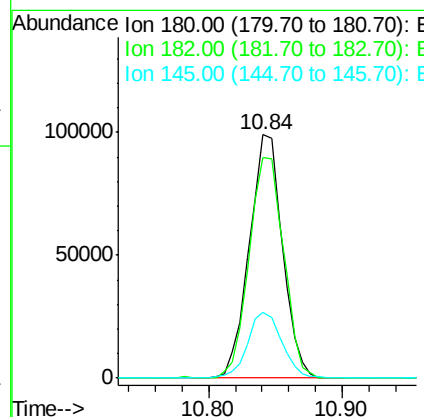
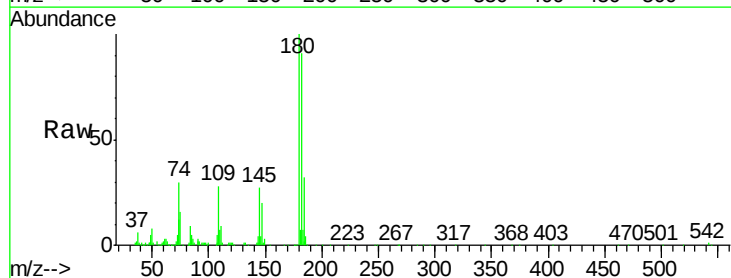
Instrument :
 BNA_G
 ClientSampleId :
 EPCH-B1(13-15)MS

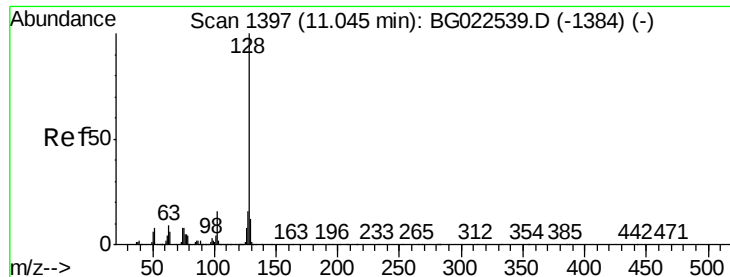
Tgt Ion	Ratio	Lower	Upper
162	100		
164	60.3	44.3	84.3
98	34.5	19.5	59.5



#30
 1,2,4-Trichlorobenzene
 Concen: 18.03 ng
 RT: 10.84 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: BG022693.D
 Acq: 29 Jun 2016 2:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.6	73.8	110.8
145	26.8	24.4	36.6





#31

Naphthalene

Concen: 18.83 ng

RT: 11.03 min Scan# 1395

Delta R.T. -0.01 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

Instrument :

BNA_G

ClientSampleId :

EPCH-B1(13-15)MS

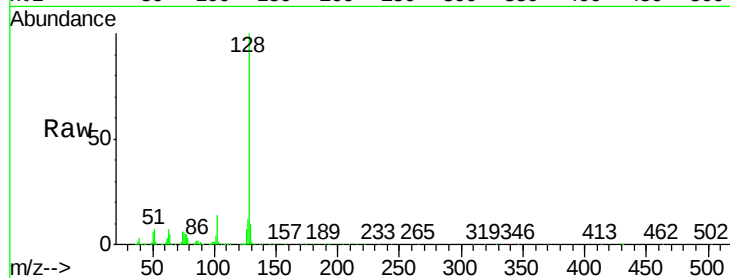
Tgt Ion:128 Resp: 427692

Ion Ratio Lower Upper

128 100

129 10.1 9.4 14.0

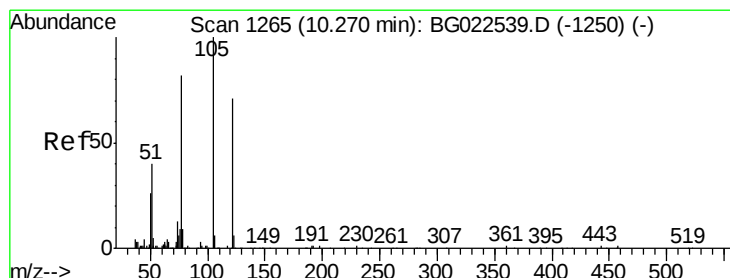
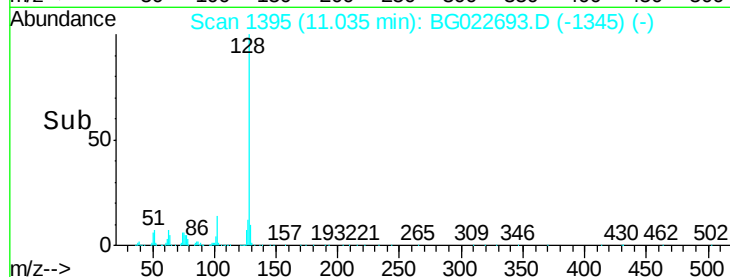
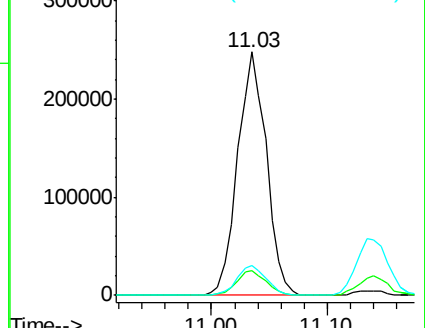
127 12.5 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 29.36 ng

RT: 10.14 min Scan# 1242

Delta R.T. -0.06 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

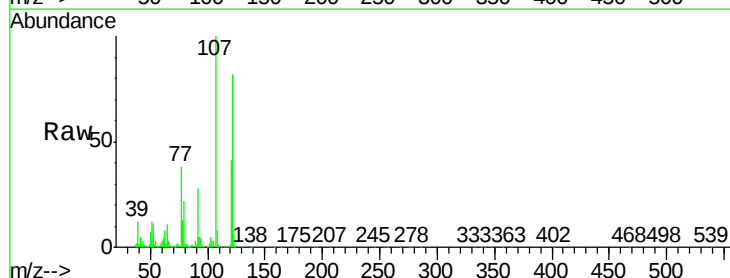
Tgt Ion:122 Resp: 144019

Ion Ratio Lower Upper

122 100

105 3.7 117.2 157.2#

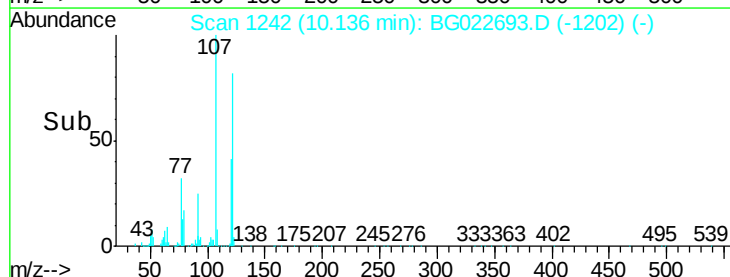
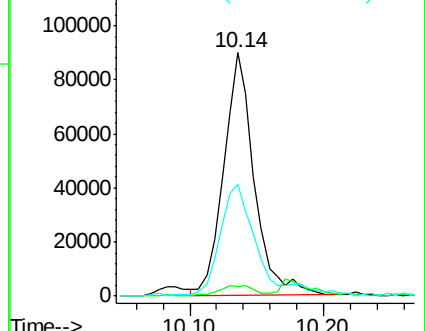
77 45.9 109.2 149.2#

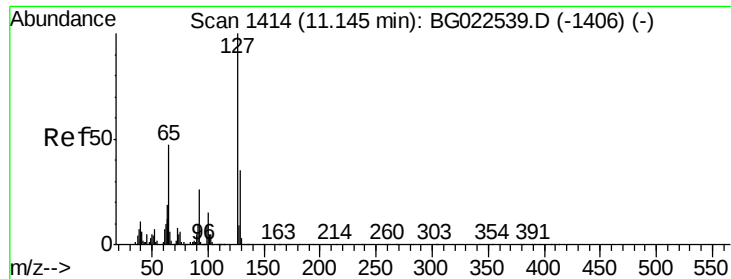


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

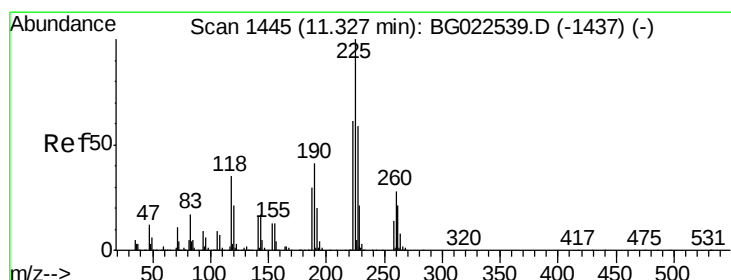
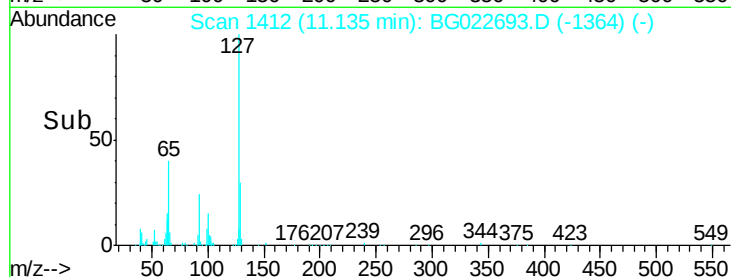
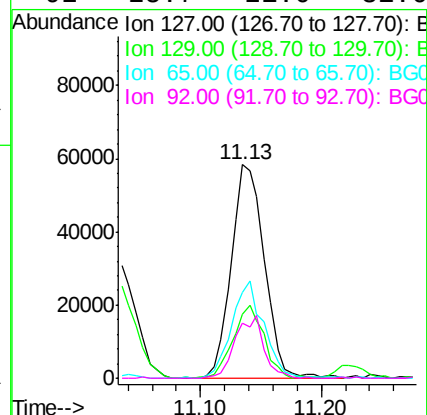
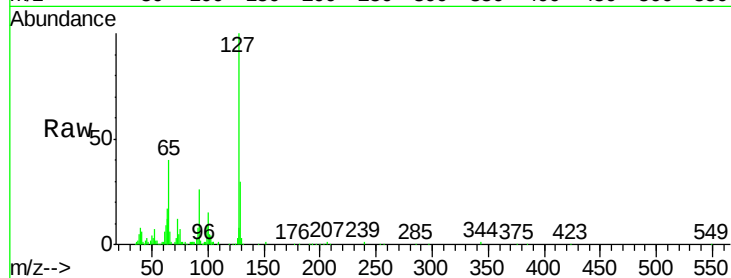




#33
 4-Chloroaniline
 Concen: 11.39 ng
 RT: 11.13 min Scan# 1412
 Delta R.T. -0.02 min
 Lab File: BG022693.D
 Acq: 29 Jun 2016 2:26

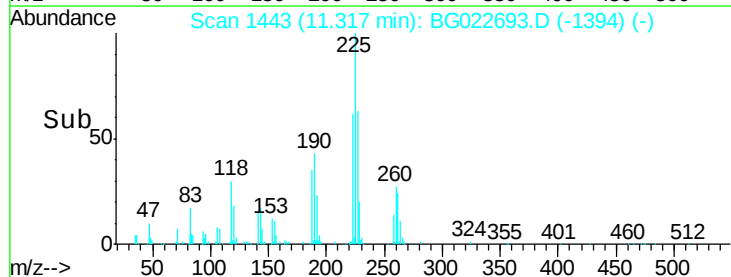
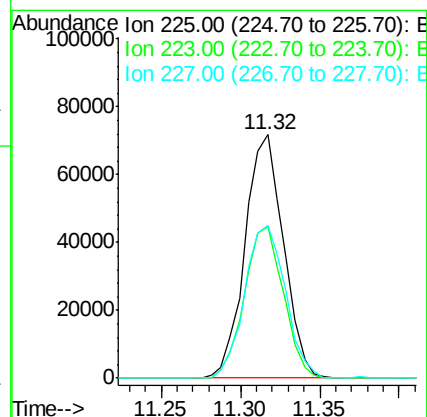
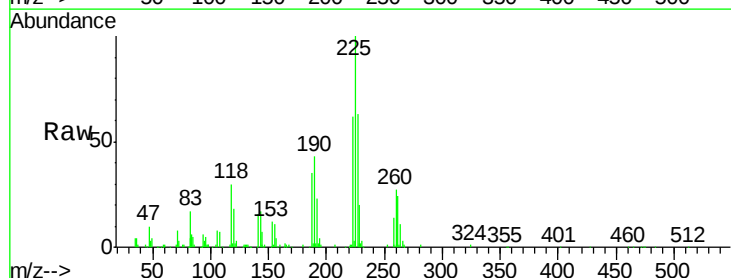
Instrument :
 BNA_G
 ClientSampleId :
 EPCH-B1(13-15)MS

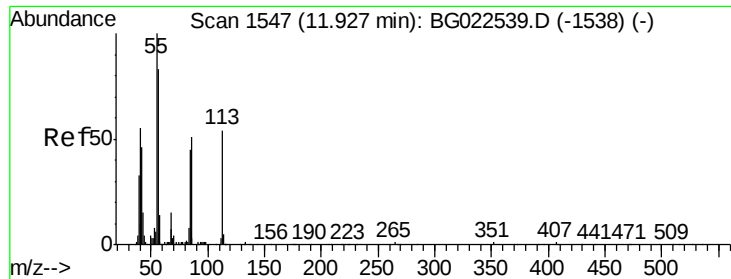
Tgt Ion:	127	Resp:	111453
Ion	Ratio	Lower	Upper
127	100		
129	30.2	27.9	41.9
65	40.0	36.8	55.2
92	25.7	21.0	31.6



#34
 Hexachlorobutadiene
 Concen: 16.53 ng
 RT: 11.32 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BG022693.D
 Acq: 29 Jun 2016 2:26

Tgt Ion:	225	Resp:	120676
Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.6	74.4
227	62.8	54.5	81.7





#35

Caprolactam

Concen: 20.34 ng

RT: 11.90 min Scan# 1542

Delta R.T. 0.00 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

Instrument :

BNA_G

ClientSampleId :

EPCH-B1(13-15)MS

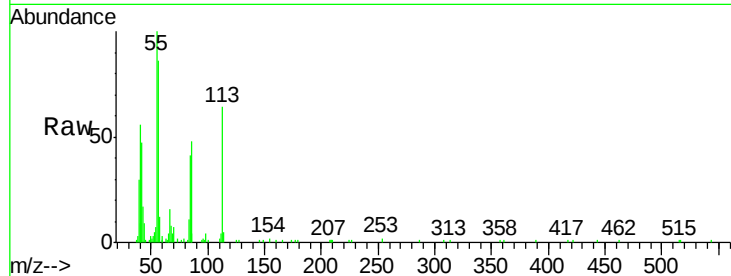
Tgt Ion:113 Resp: 50689

Ion Ratio Lower Upper

113 100

55 155.7 154.5 194.5

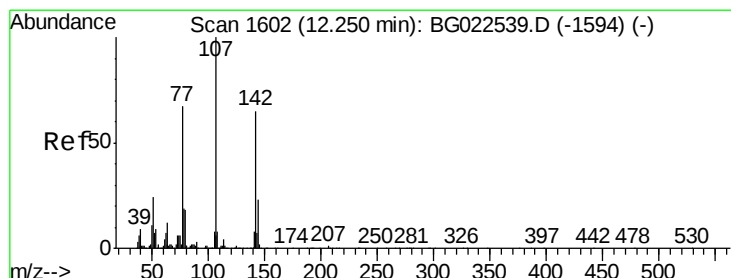
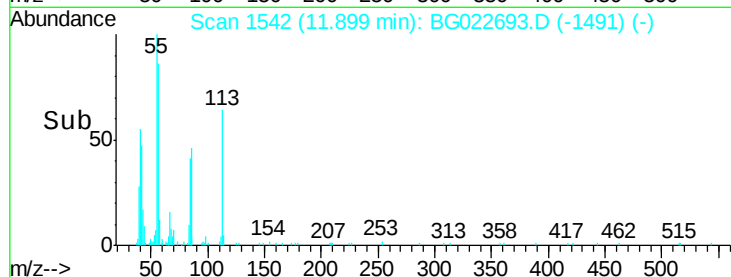
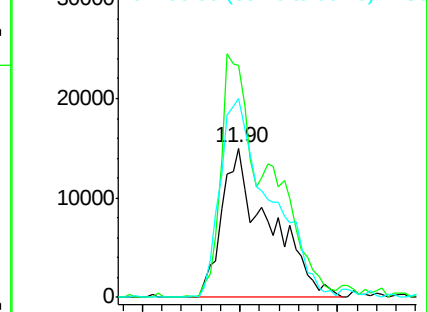
56 133.4 125.1 165.1



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: 20.09 ng

RT: 12.25 min Scan# 1601

Delta R.T. 0.00 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

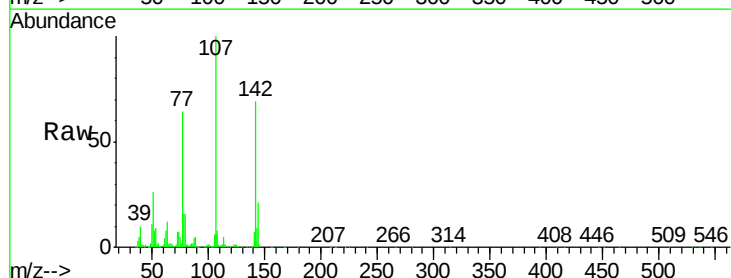
Tgt Ion:107 Resp: 195095

Ion Ratio Lower Upper

107 100

144 20.6 17.0 25.6

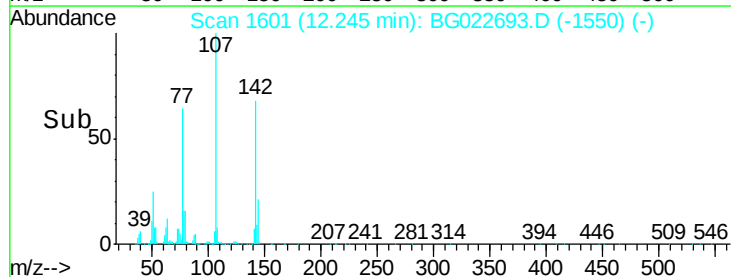
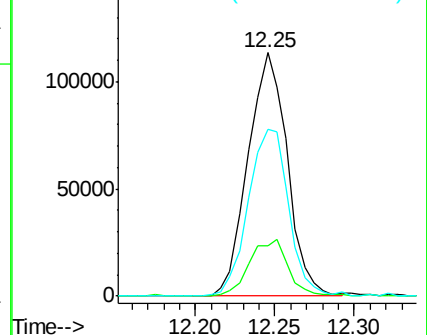
142 68.6 53.0 79.6

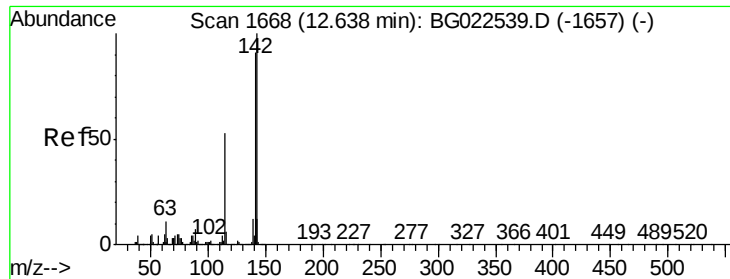


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

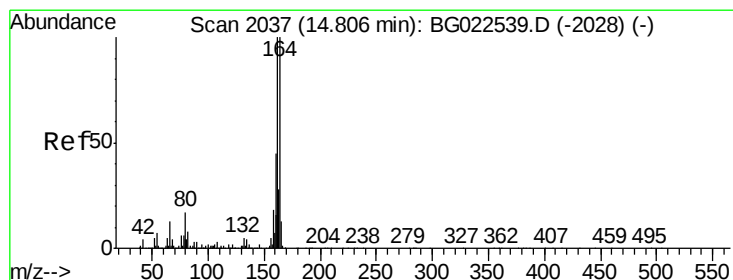
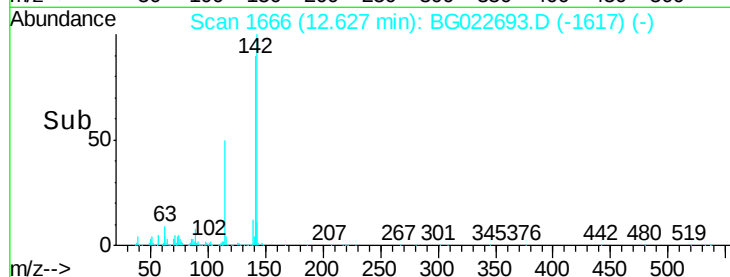
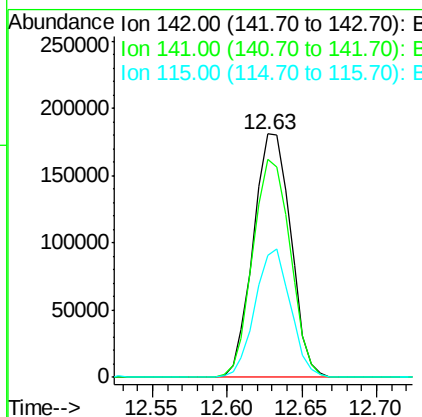
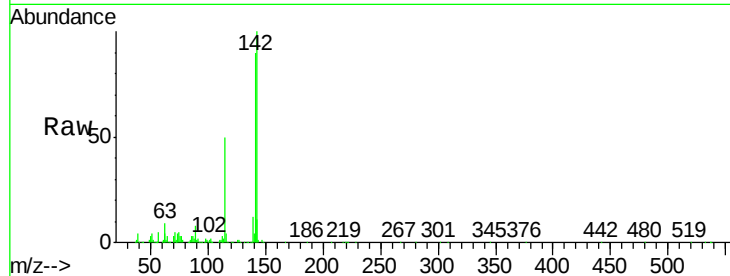




#37
 2-Methylnaphthalene
 Concen: 17.89 ng
 RT: 12.63 min Scan# 1666
 Delta R.T. -0.01 min
 Lab File: BG022693.D
 Acq: 29 Jun 2016 2:26

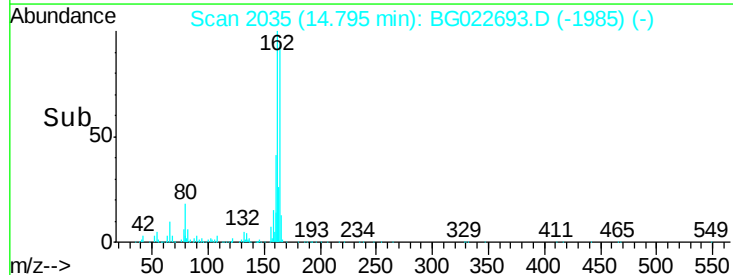
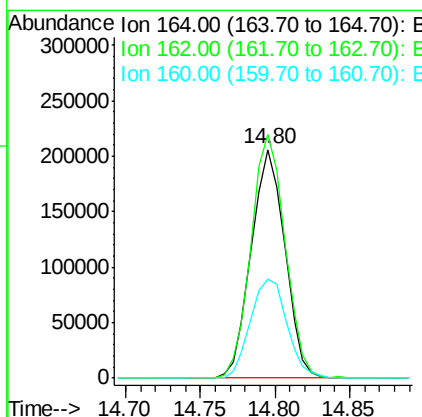
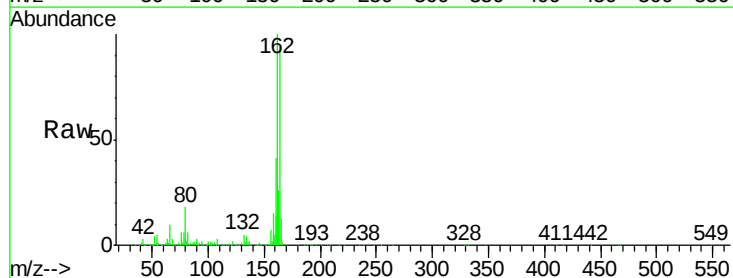
Instrument :
 BNA_G
 ClientSampleId :
 EPCH-B1(13-15)MS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.2	105.2
115	50.0	41.7	62.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BG022693.D
 Acq: 29 Jun 2016 2:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.6	87.7	131.5
160	43.6	37.2	55.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 17.06 ng

RT: 12.99 min Scan# 1728

Delta R.T. -0.01 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

Instrument :

BNA_G

ClientSampleId :

EPCH-B1(13-15)MS

Tgt Ion:216 Resp: 206764

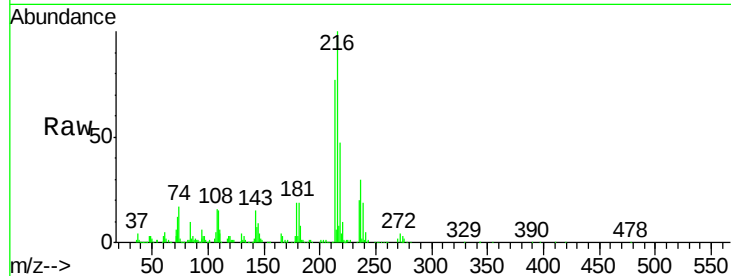
Ion Ratio Lower Upper

216 100

214 80.0 62.9 94.3

179 22.5 17.2 25.8

108 22.2 16.3 24.5

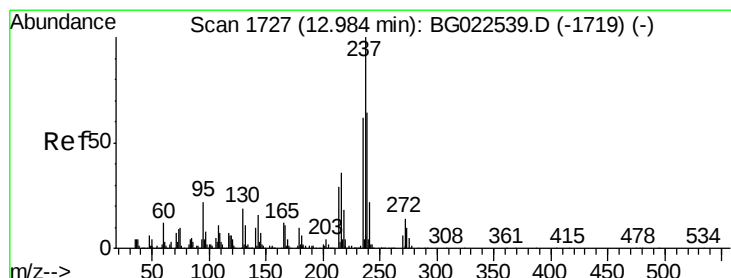
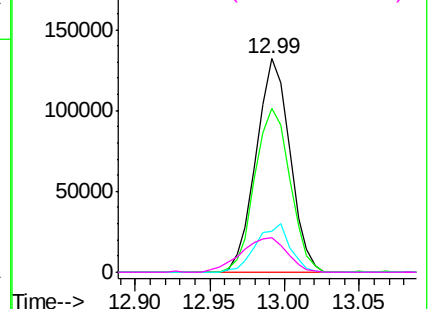
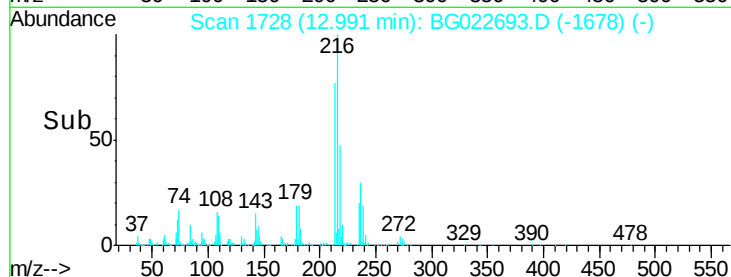


Abundance Ion 216.00 (215.70 to 216.70): E

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: 45.46 ng

RT: 12.97 min Scan# 1725

Delta R.T. -0.01 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

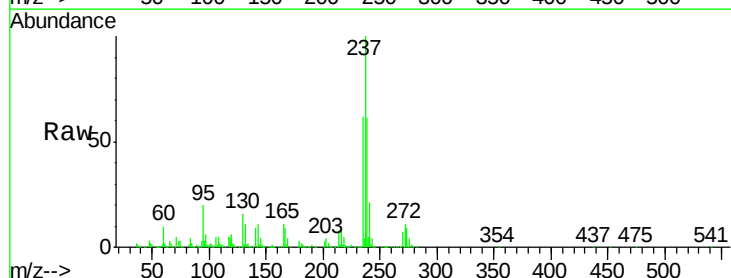
Tgt Ion:237 Resp: 439706

Ion Ratio Lower Upper

237 100

235 61.6 43.1 83.1

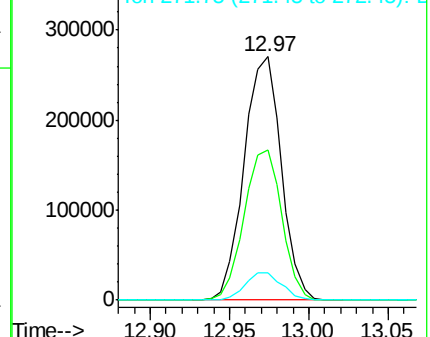
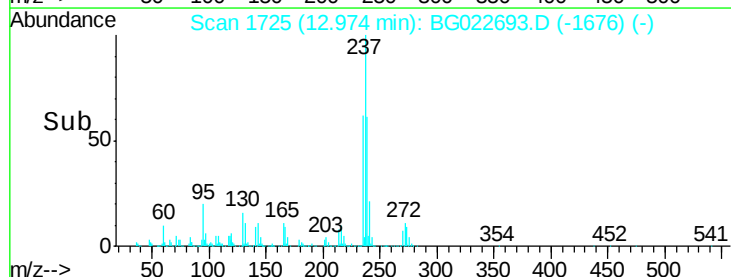
272 11.4 0.0 30.9

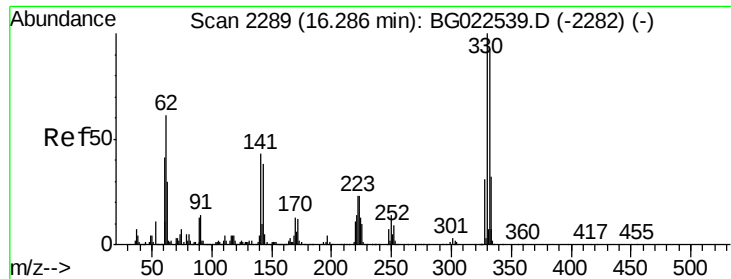


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

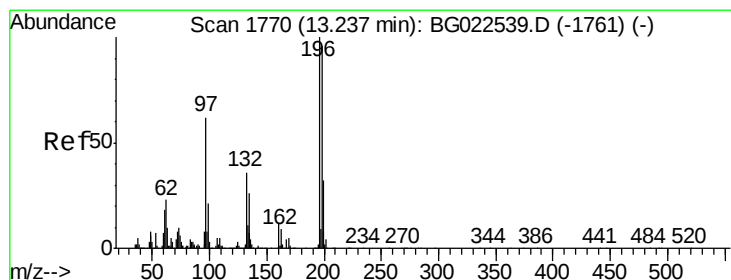
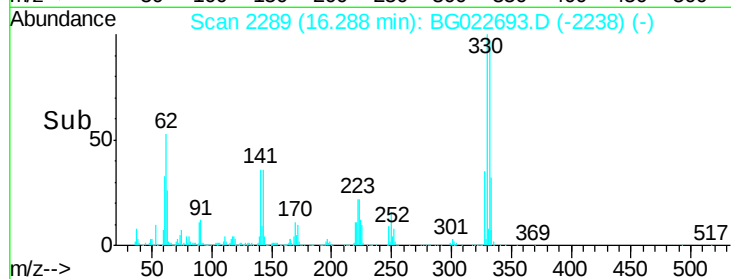
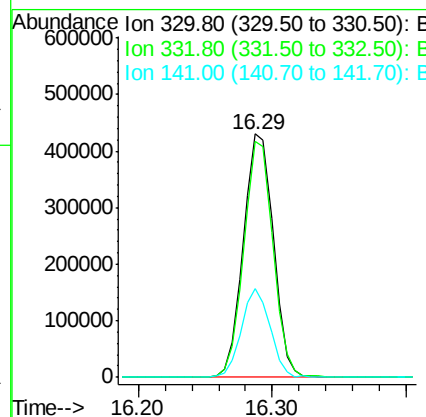
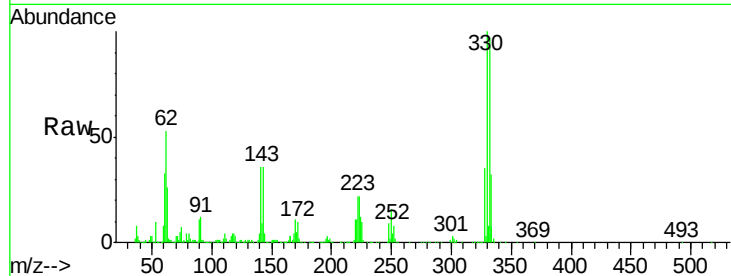




#41
 2,4,6-Tribromophenol
 Concen: 132.31 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. 0.00 min
 Lab File: BG022693.D
 Acq: 29 Jun 2016 2:26

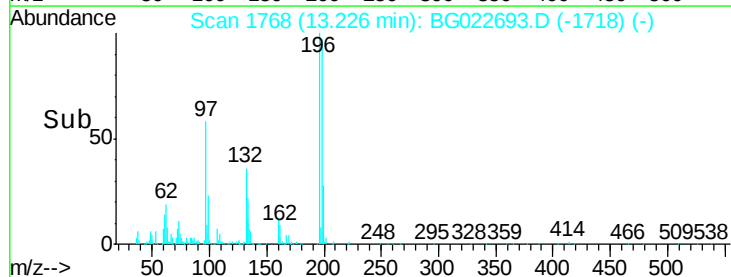
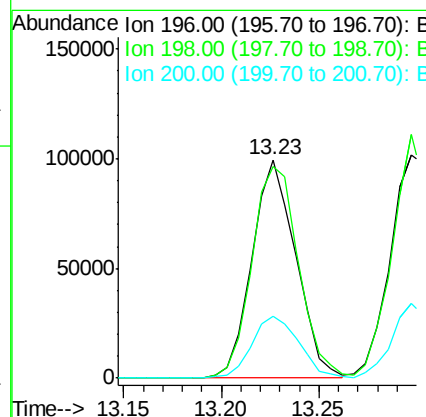
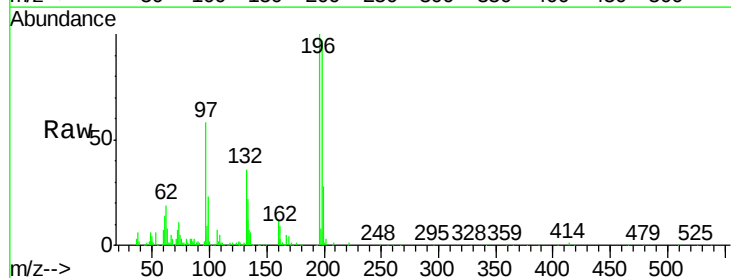
Instrument :
 BNA_G
 ClientSampleId :
 EPCH-B1(13-15)MS

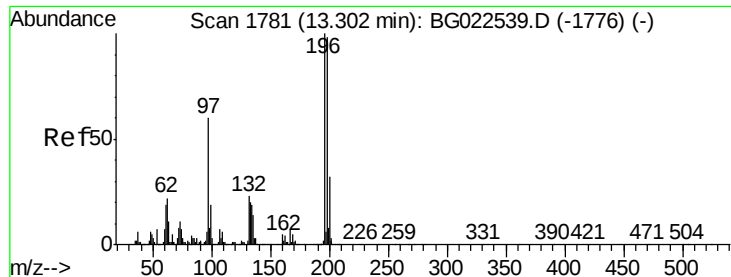
Tgt Ion:330 Resp: 667901
 Ion Ratio Lower Upper
 330 100
 332 94.5 77.4 116.2
 141 34.8 31.7 47.5



#42
 2,4,6-Trichlorophenol
 Concen: 19.83 ng
 RT: 13.23 min Scan# 1768
 Delta R.T. -0.01 min
 Lab File: BG022693.D
 Acq: 29 Jun 2016 2:26

Tgt Ion:196 Resp: 154108
 Ion Ratio Lower Upper
 196 100
 198 96.9 78.2 117.2
 200 28.4 27.0 40.4

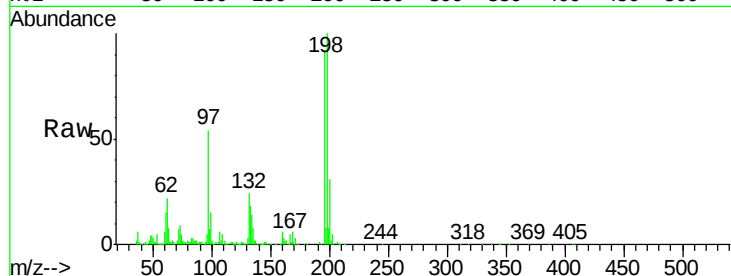




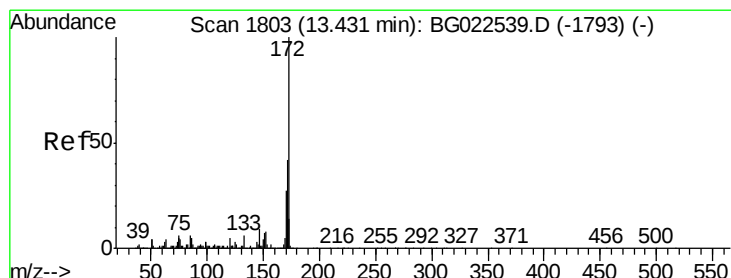
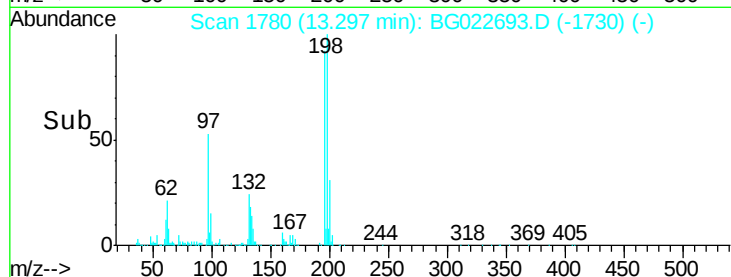
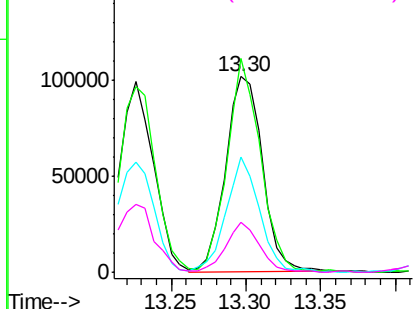
#43
 2,4,5-Trichlorophenol
 Concen: 21.43 ng
 RT: 13.30 min Scan# 1780
 Delta R.T. -0.01 min
 Lab File: BG022693.D
 Acq: 29 Jun 2016 2:26

Instrument :
 BNA_G
 ClientSampleId :
 EPCH-B1(13-15)MS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	109.2	85.7	128.5
97	58.9	45.5	68.3
132	25.8	18.9	28.3

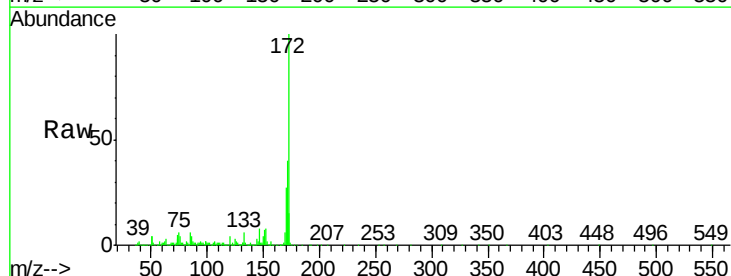


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

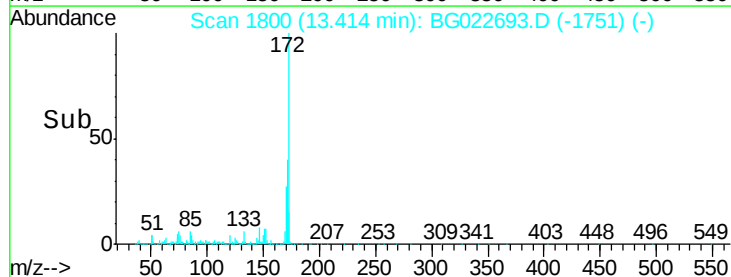
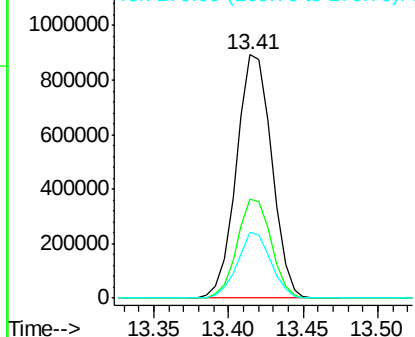


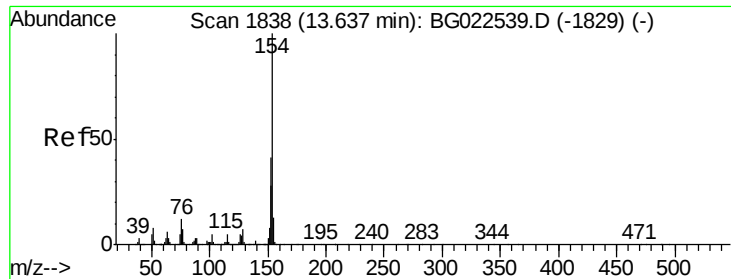
#44
 2-Fluorobiphenyl
 Concen: 72.42 ng
 RT: 13.41 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG022693.D
 Acq: 29 Jun 2016 2:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.5	31.6	47.4
170	27.0	21.3	31.9



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

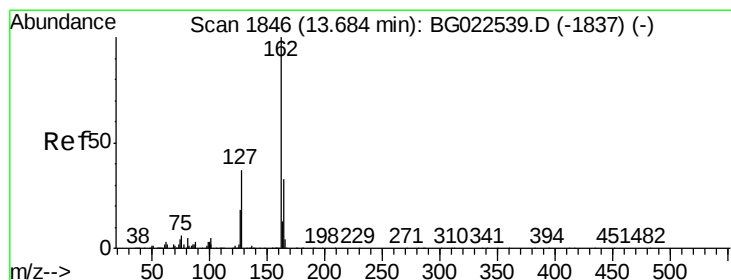
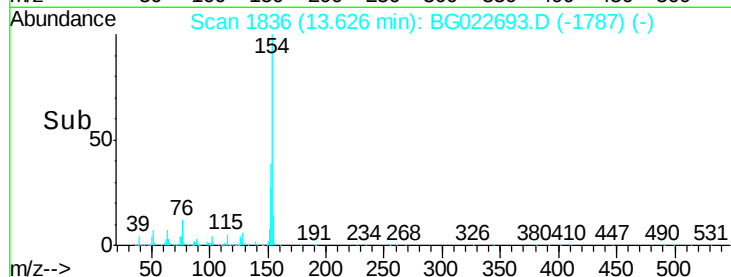
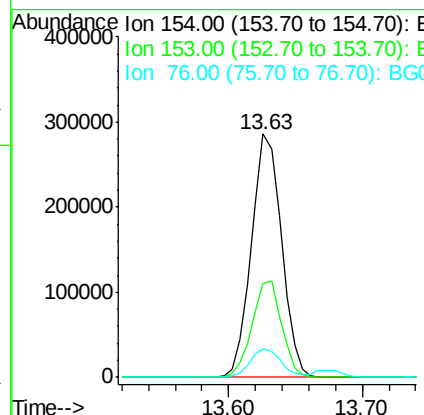
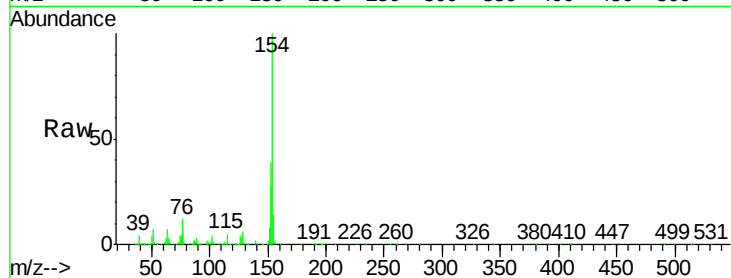




#45
 1,1'-Biphenyl
 Concen: 18.13 ng
 RT: 13.63 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BG022693.D
 Acq: 29 Jun 2016 2:26

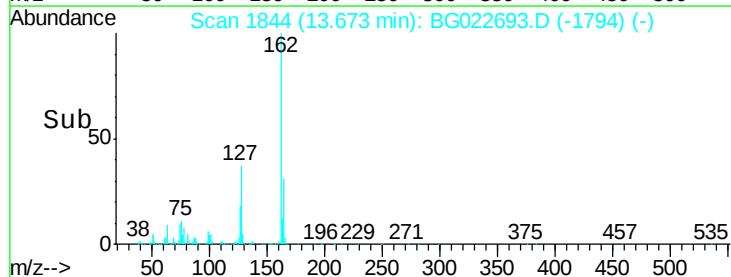
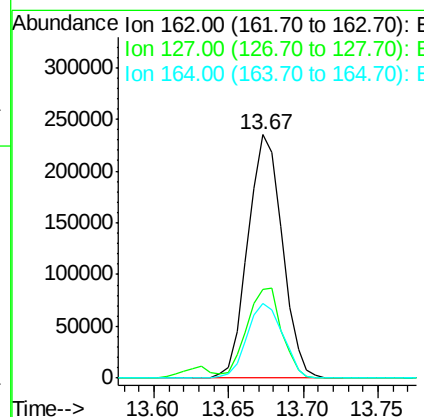
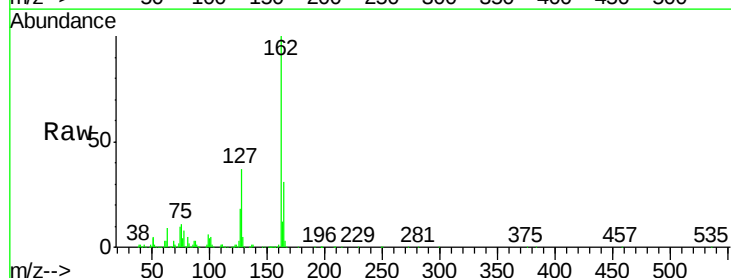
Instrument :
 BNA_G
 ClientSampleId :
 EPCH-B1(13-15)MS

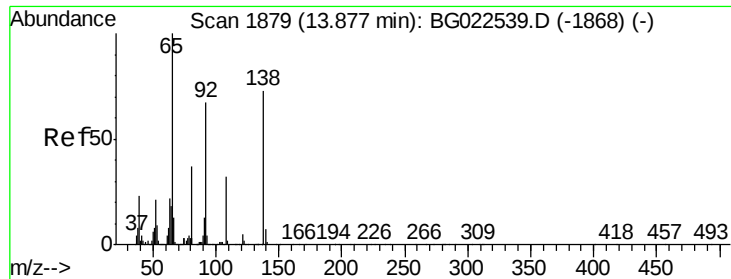
Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.6	20.2	60.2
76	11.7	0.0	32.9



#46
 2-Chloronaphthalene
 Concen: 18.58 ng
 RT: 13.67 min Scan# 1844
 Delta R.T. -0.01 min
 Lab File: BG022693.D
 Acq: 29 Jun 2016 2:26

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.5	32.4	48.6
164	30.6	25.2	37.8

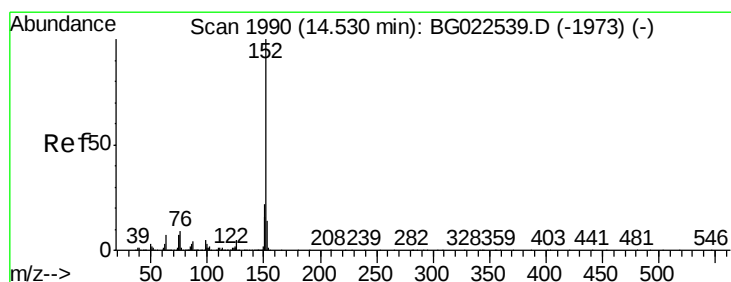
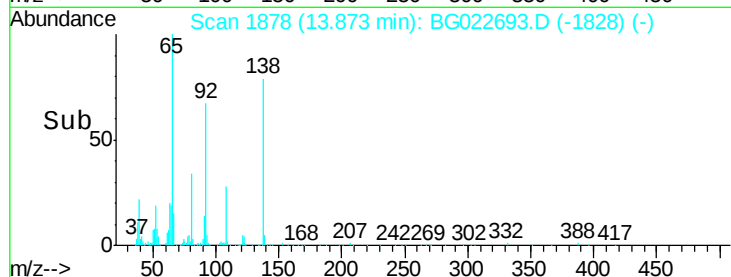
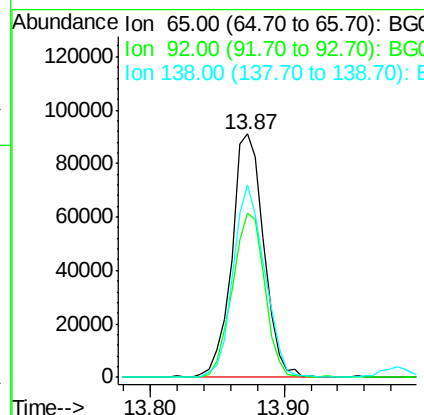
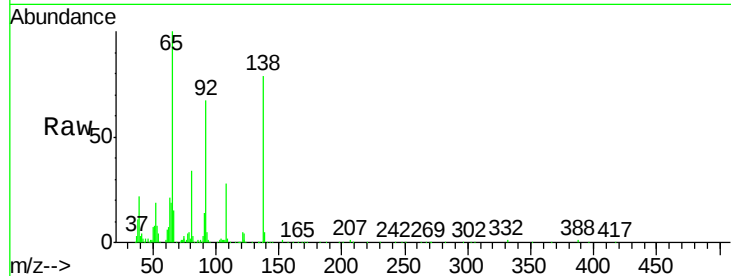




#47
2-Nitroaniline
Concen: 19.60 ng
RT: 13.87 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG022693.D
Acq: 29 Jun 2016 2:26

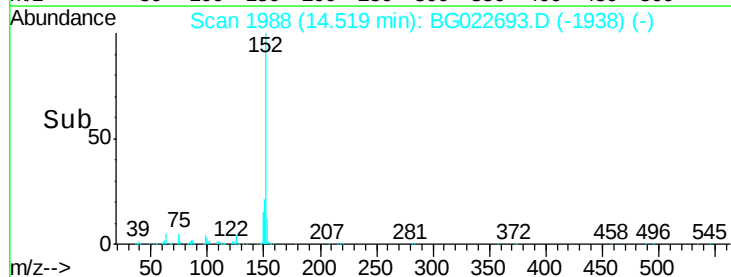
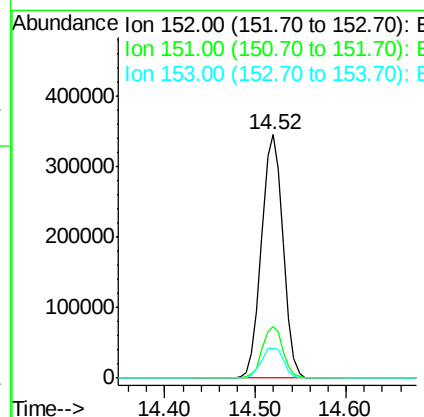
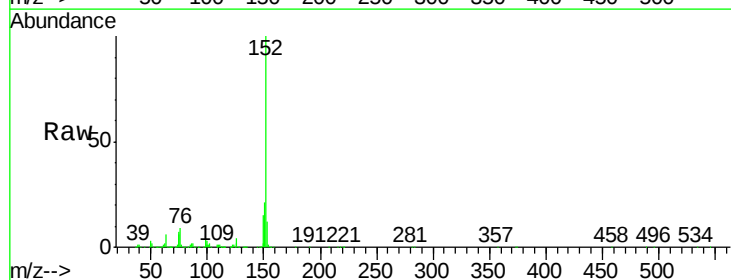
Instrument :
BNA_G
ClientSampleId :
EPCH-B1(13-15)MS

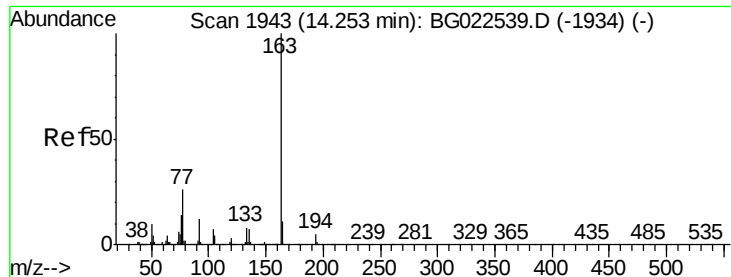
Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.3	49.4	74.0
138	78.9	58.0	87.0



#48
Acenaphthylene
Concen: 19.52 ng
RT: 14.52 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BG022693.D
Acq: 29 Jun 2016 2:26

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	17.6	26.4
153	12.2	11.4	17.2





#49

Dimethylphthalate

Concen: 30.36 ng

RT: 14.24 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

Instrument :

BNA_G

ClientSampleId :

EPCH-B1(13-15)MS

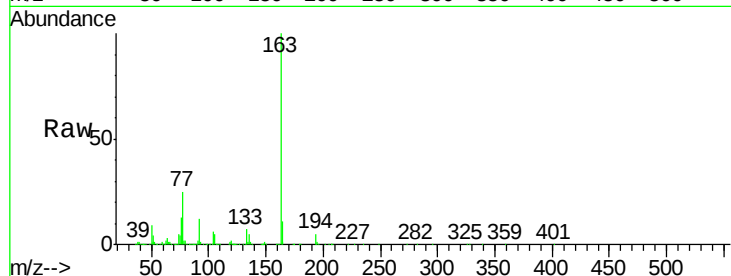
Tgt Ion:163 Resp: 808224

Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

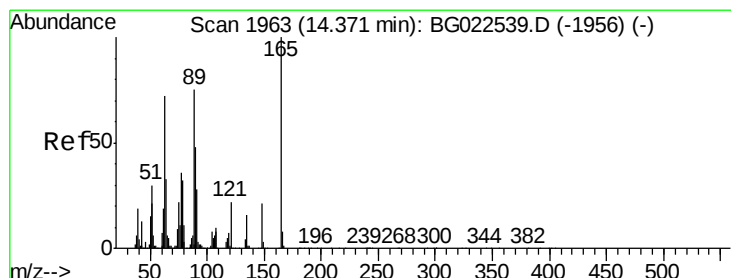
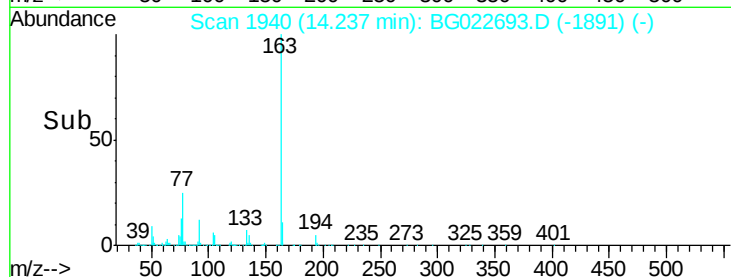
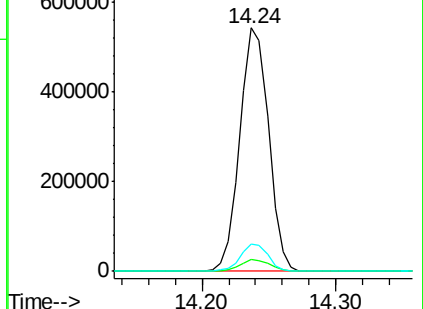
164 11.4 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 19.55 ng

RT: 14.37 min Scan# 1962

Delta R.T. 0.00 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

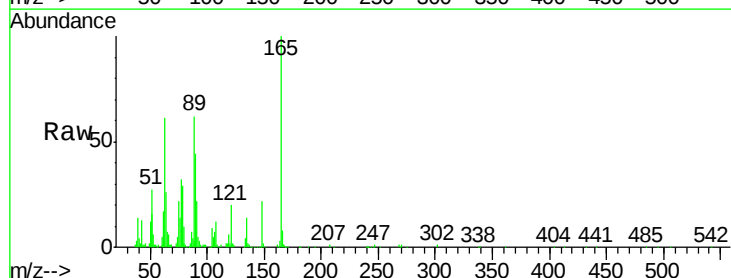
Tgt Ion:165 Resp: 113097

Ion Ratio Lower Upper

165 100

63 60.7 64.3 96.5#

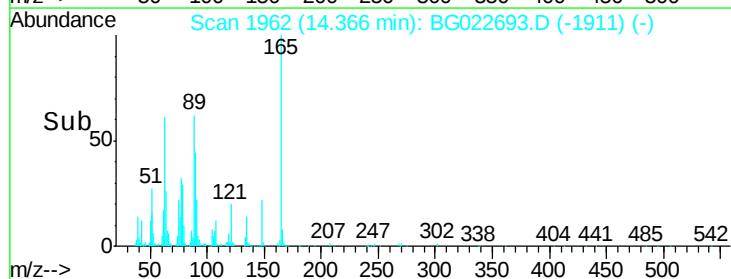
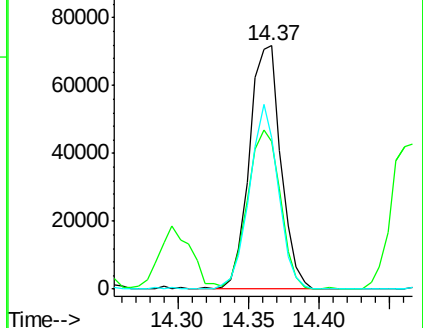
89 62.1 64.3 96.5#

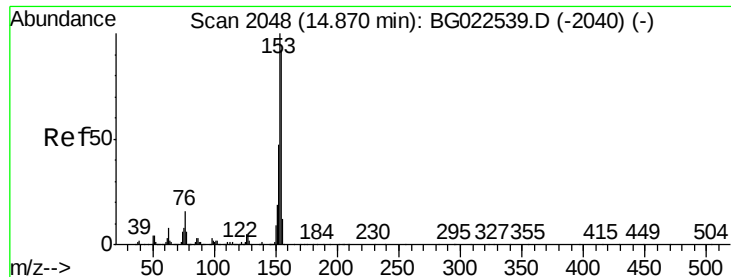


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 16.87 ng

RT: 14.86 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

Instrument :

BNA_G

ClientSampleId :

EPCH-B1(13-15)MS

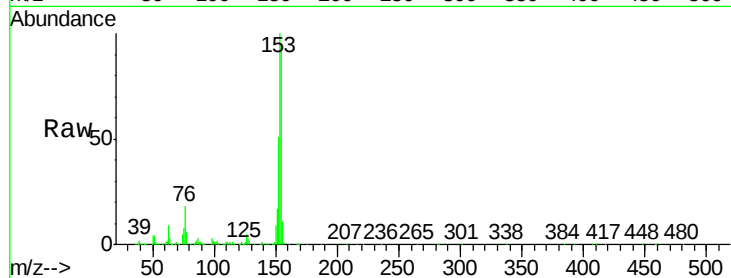
Tgt Ion:154 Resp: 362706

Ion Ratio Lower Upper

154 100

153 105.5 87.5 131.3

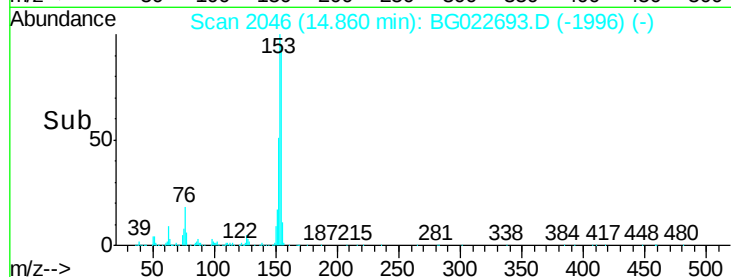
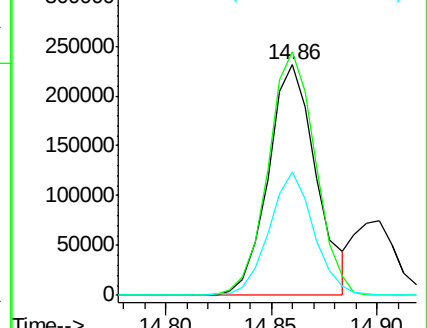
152 53.5 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 17.75 ng

RT: 14.70 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

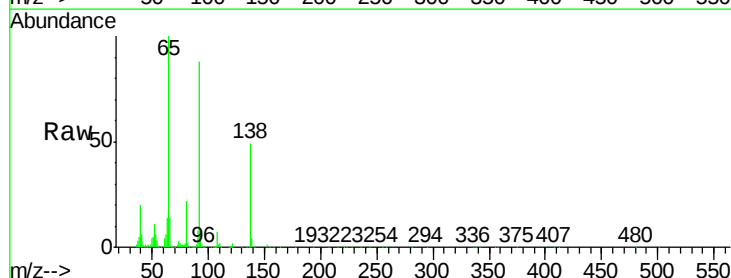
Tgt Ion:138 Resp: 96089

Ion Ratio Lower Upper

138 100

108 15.0 11.7 17.5

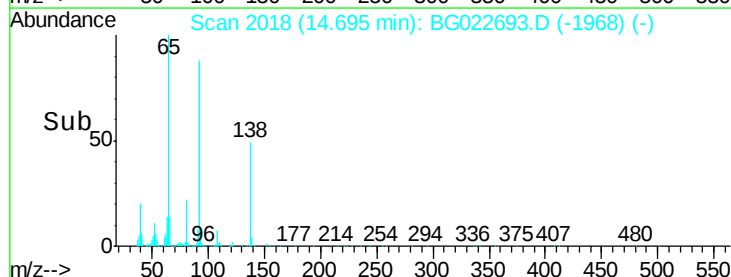
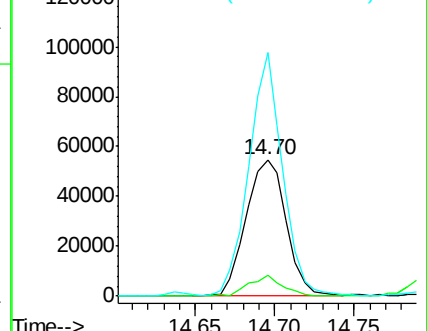
92 178.7 129.7 194.5

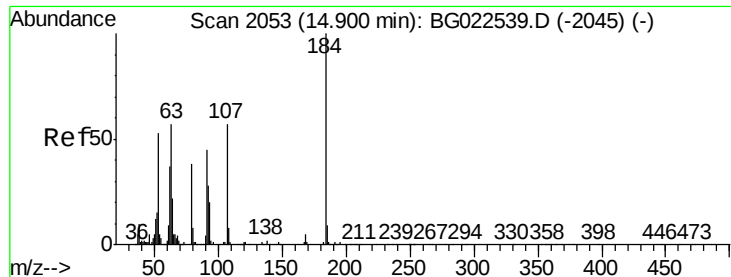


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#53

2,4-Dinitrophenol

Concen: 45.19 ng

RT: 14.90 min Scan# 2052

Delta R.T. 0.00 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

Instrument :

BNA_G

ClientSampleId :

EPCH-B1(13-15)MS

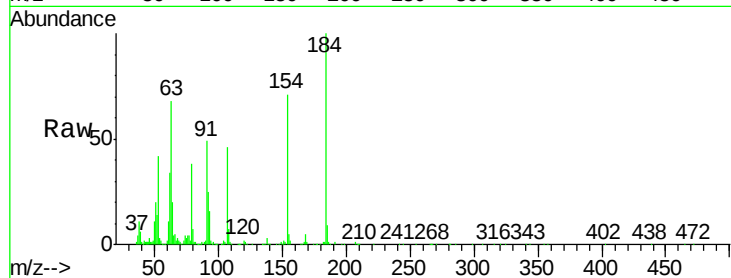
Tgt Ion:184 Resp: 161036

Ion Ratio Lower Upper

184 100

63 67.5 59.6 89.4

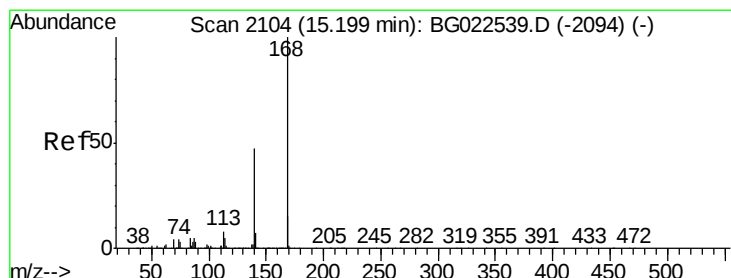
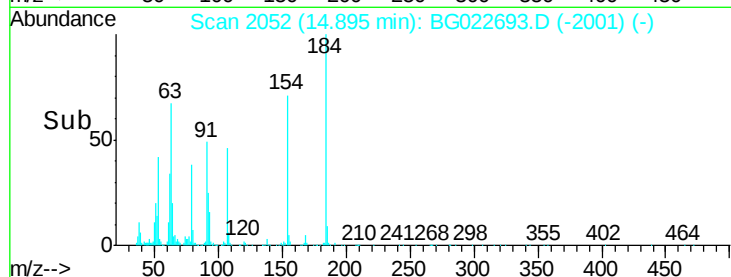
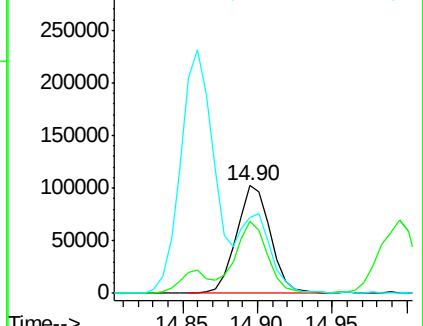
154 71.1 67.4 101.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 19.38 ng

RT: 15.19 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

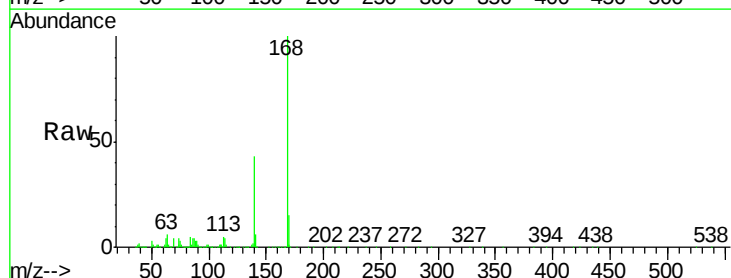
Tgt Ion:168 Resp: 603442

Ion Ratio Lower Upper

168 100

139 42.7 36.4 54.6

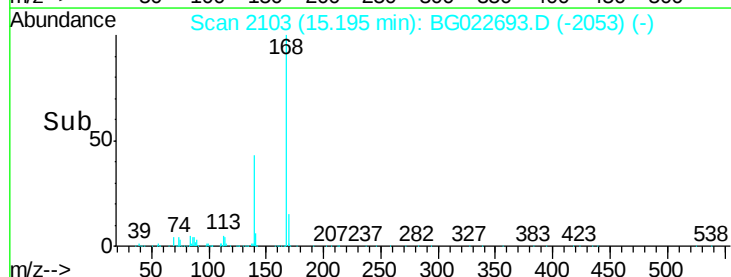
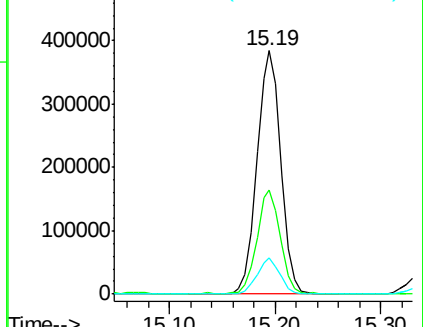
169 14.8 11.9 17.9

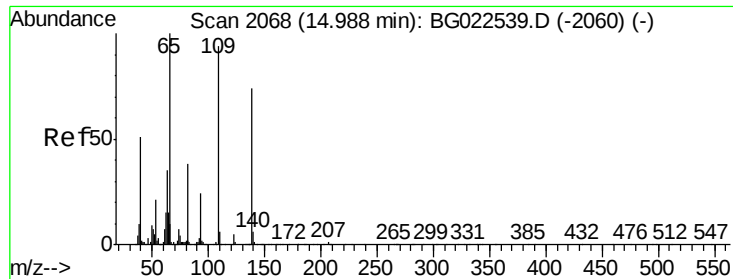


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

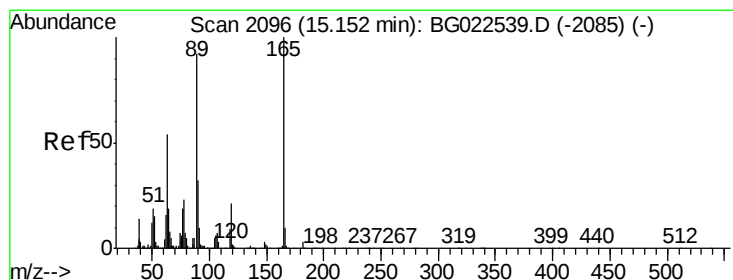
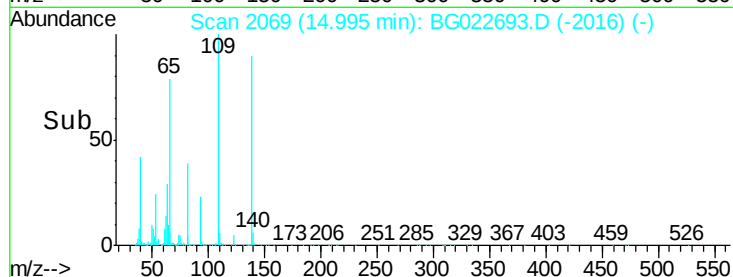
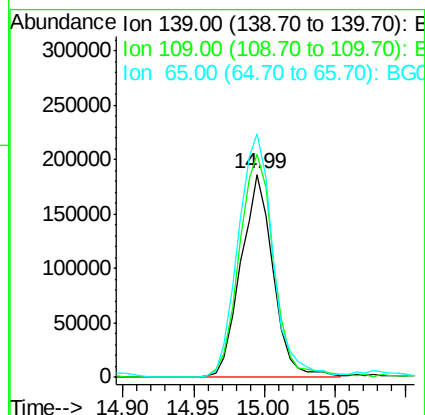
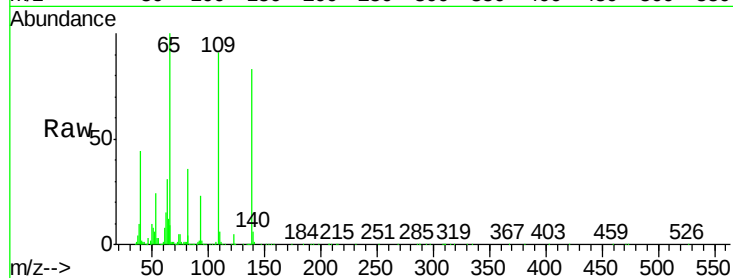




#55
4-Nitrophenol
Concen: 65.42 ng
RT: 14.99 min Scan# 2069
Delta R.T. 0.01 min
Lab File: BG022693.D
Acq: 29 Jun 2016 2:26

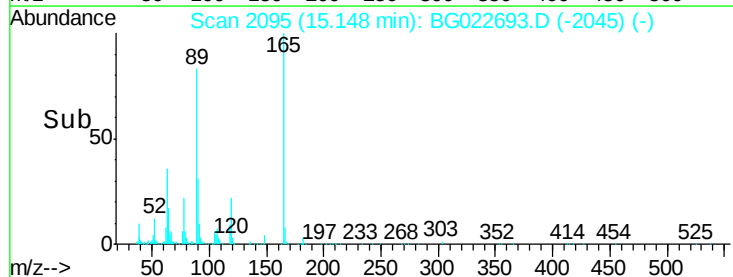
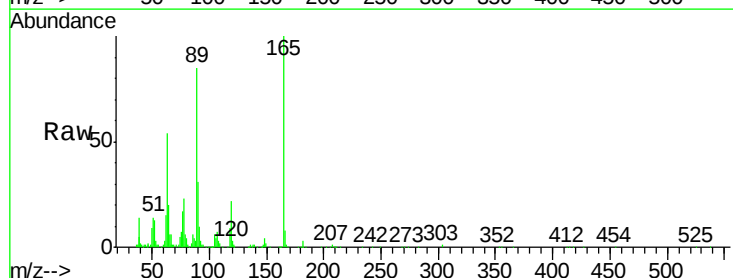
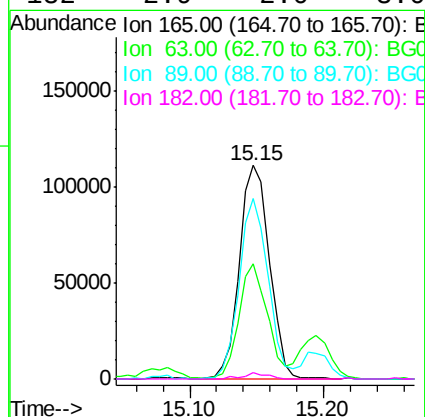
Instrument :
BNA_G
ClientSampleId :
EPCH-B1(13-15)MS

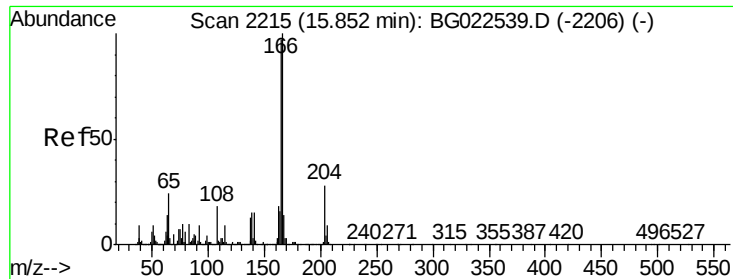
Tgt Ion:139 Resp: 299480
Ion Ratio Lower Upper
139 100
109 109.7 103.0 143.0
65 120.0 112.7 152.7



#56
2,4-Dinitrotoluene
Concen: 21.37 ng
RT: 15.15 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BG022693.D
Acq: 29 Jun 2016 2:26

Tgt Ion:165 Resp: 171254
Ion Ratio Lower Upper
165 100
63 53.7 45.8 68.6
89 84.7 68.6 102.8
182 2.9 2.0 3.0





#57

Fluorene

Concen: 19.62 ng

RT: 15.85 min Scan# 2214

Delta R.T. 0.00 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

Instrument :

BNA_G

ClientSampleId :

EPCH-B1(13-15)MS

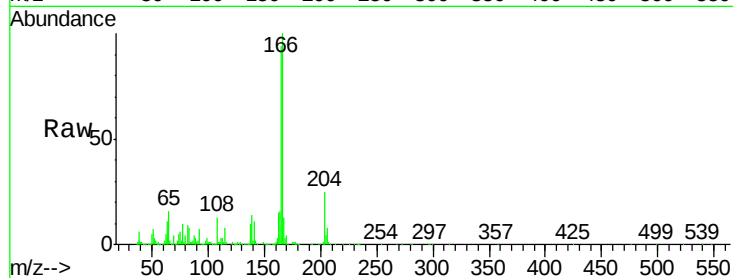
Tgt Ion:166 Resp: 487338

Ion Ratio Lower Upper

166 100

165 93.8 81.0 121.6

167 13.4 12.0 18.0

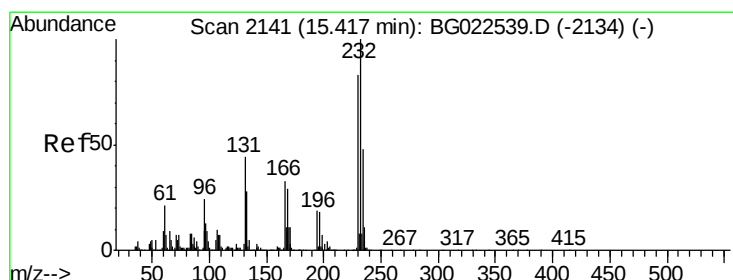
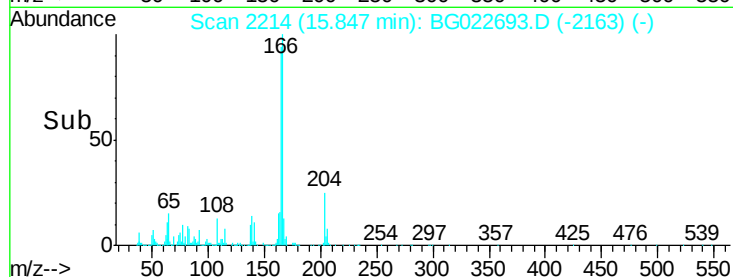
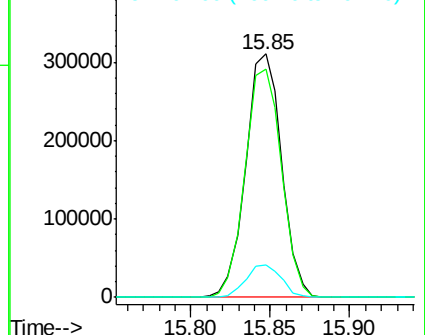


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 21.98 ng

RT: 15.41 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

Tgt Ion:232 Resp: 185290

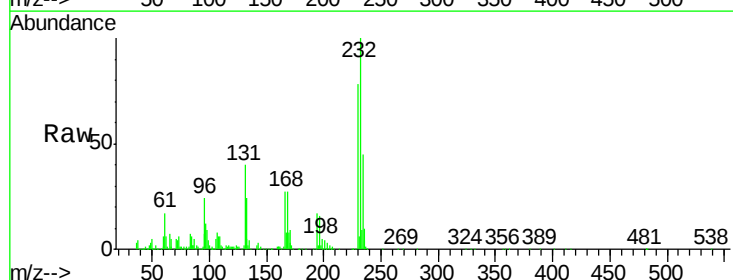
Ion Ratio Lower Upper

232 100

131 39.7 32.7 49.1

130 2.4 2.6 3.8#

166 29.6 23.0 34.6



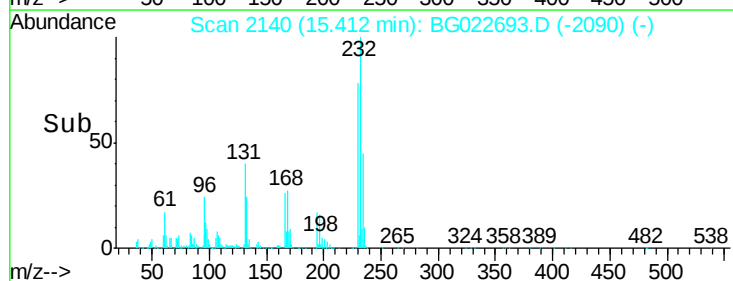
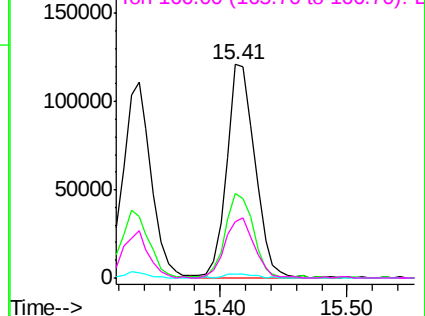
Abundance

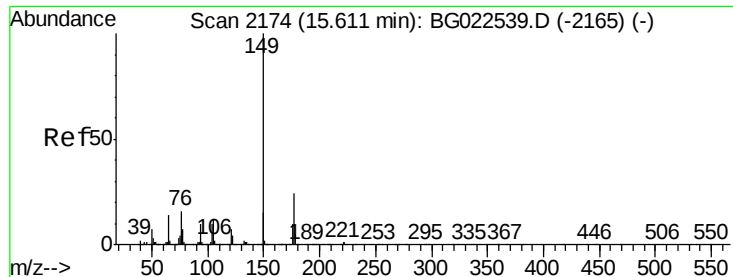
Ion 232.00 (231.70 to 232.70): E

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: 19.73 ng

RT: 15.60 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

Instrument :

BNA_G

ClientSampleId :

EPCH-B1(13-15)MS

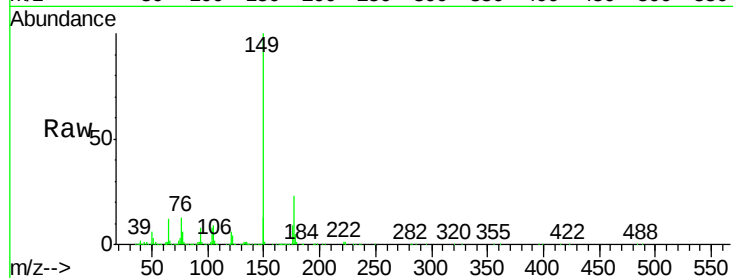
Tgt Ion:149 Resp: 540007

Ion Ratio Lower Upper

149 100

177 22.7 19.2 28.8

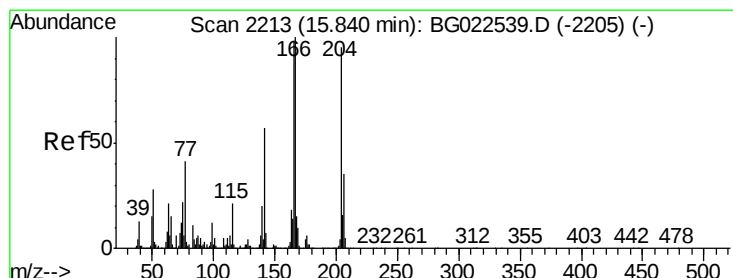
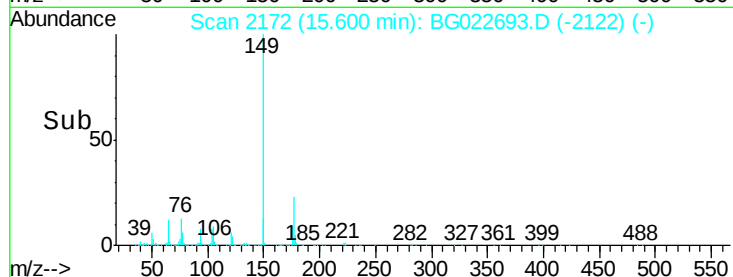
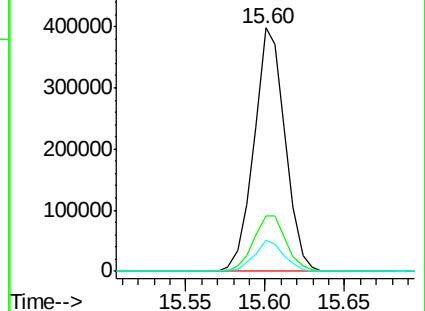
150 13.0 10.6 16.0



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: 18.43 ng

RT: 15.84 min Scan# 2212

Delta R.T. 0.00 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

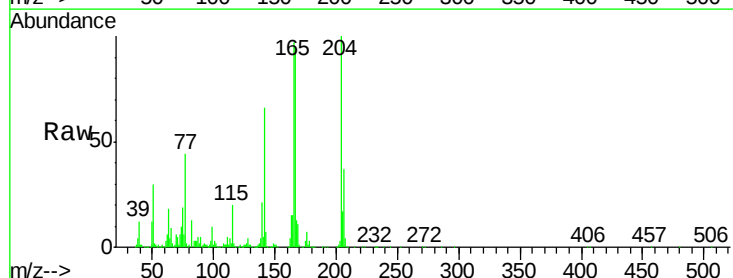
Tgt Ion:204 Resp: 272639

Ion Ratio Lower Upper

204 100

206 36.7 28.5 42.7

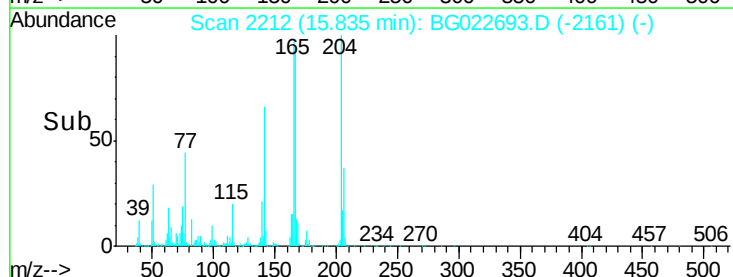
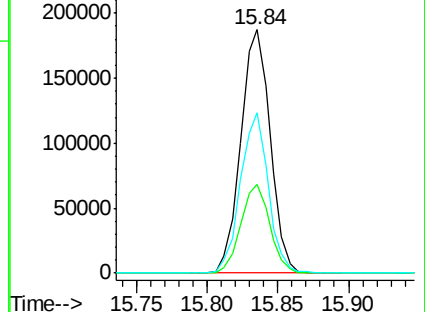
141 66.1 51.4 77.0

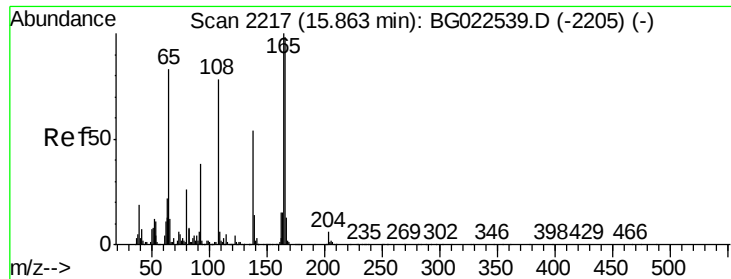


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

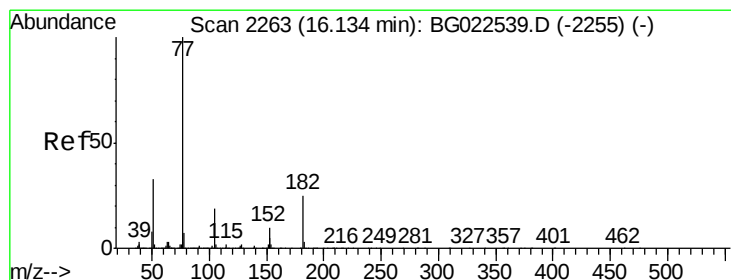
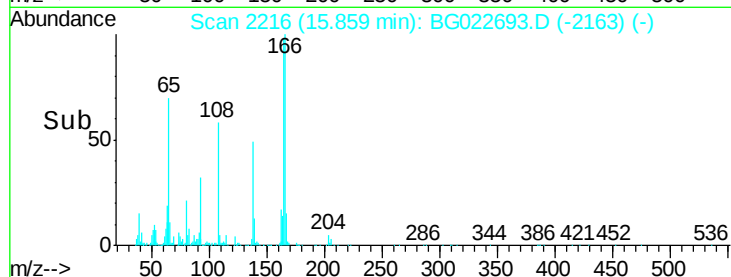
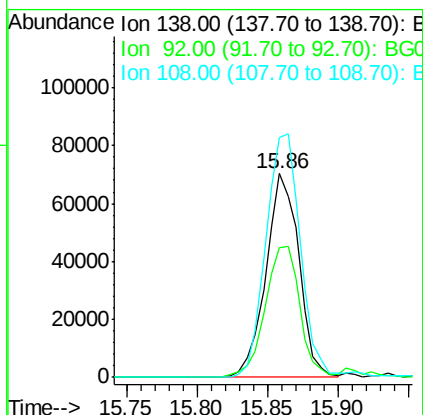
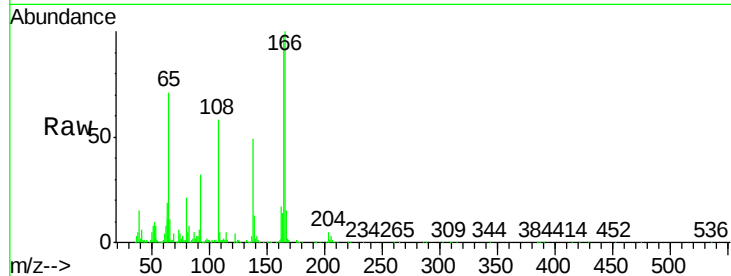




#61
4-Nitroaniline
Concen: 20.65 ng
RT: 15.86 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BG022693.D
Acq: 29 Jun 2016 2:26

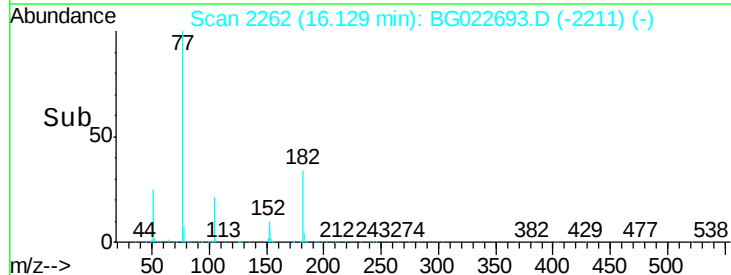
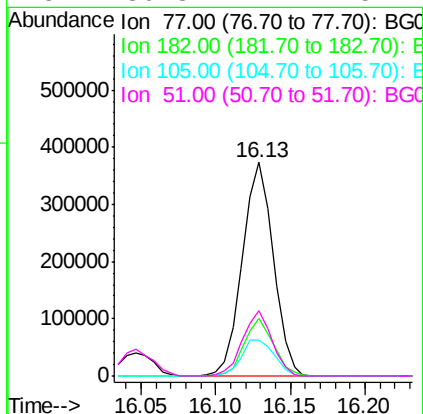
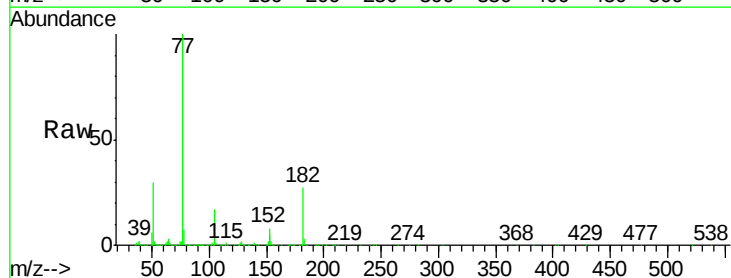
Instrument :
BNA_G
ClientSampleId :
EPCH-B1(13-15)MS

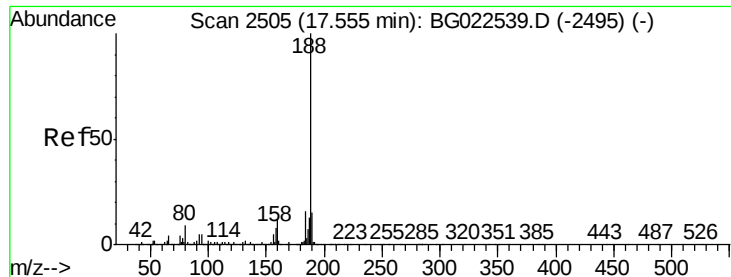
Tgt Ion:138 Resp: 115334
Ion Ratio Lower Upper
138 100
92 63.8 54.1 94.1
108 117.8 133.9 173.9#



#62
Azobenzene
Concen: 18.10 ng
RT: 16.13 min Scan# 2262
Delta R.T. 0.00 min
Lab File: BG022693.D
Acq: 29 Jun 2016 2:26

Tgt Ion: 77 Resp: 536651
Ion Ratio Lower Upper
77 100
182 26.8 3.5 43.5
105 17.1 0.0 38.5
51 30.3 17.1 57.1

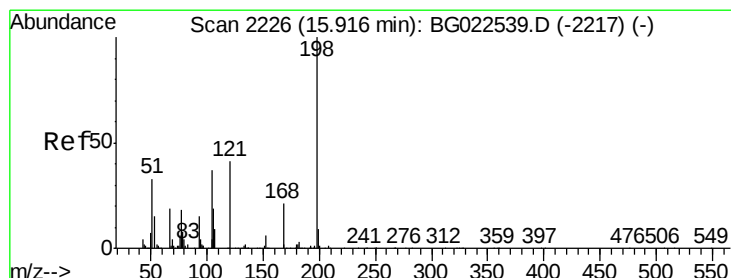
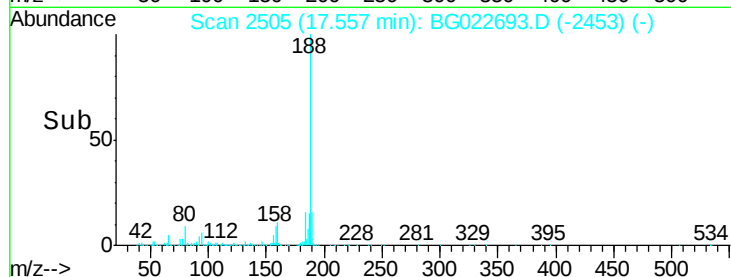
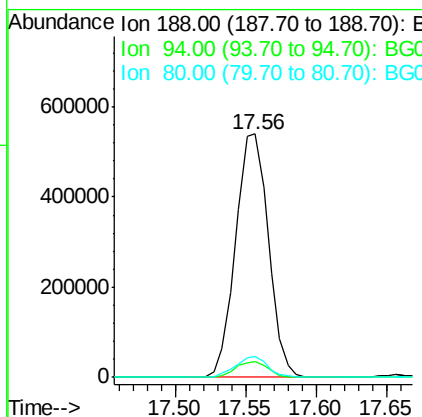
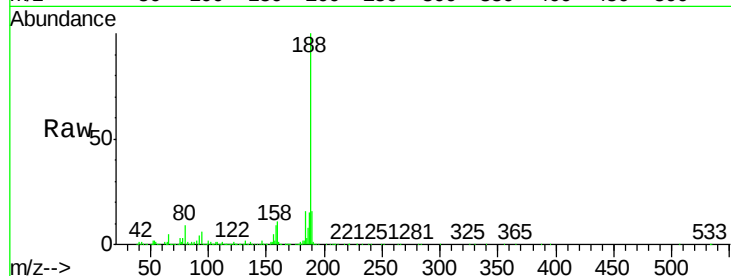




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. 0.01 min
Lab File: BG022693.D
Acq: 29 Jun 2016 2:26

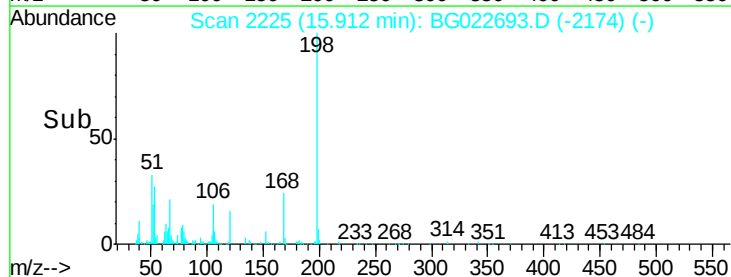
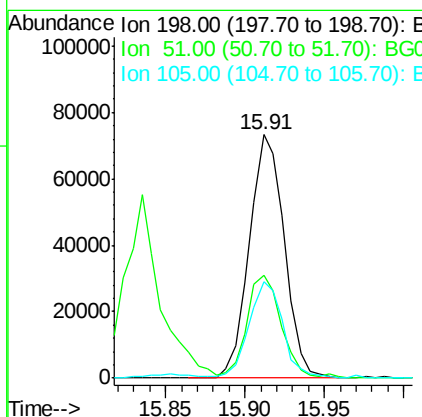
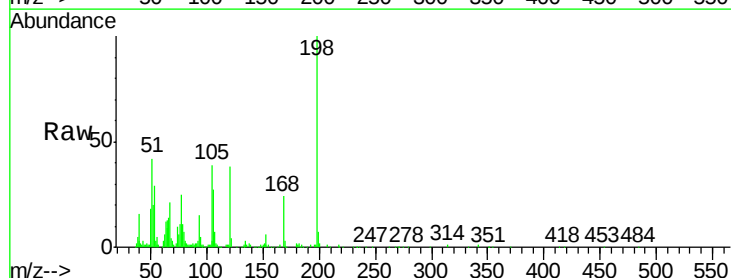
Instrument :
BNA_G
ClientSampleId :
EPCH-B1(13-15)MS

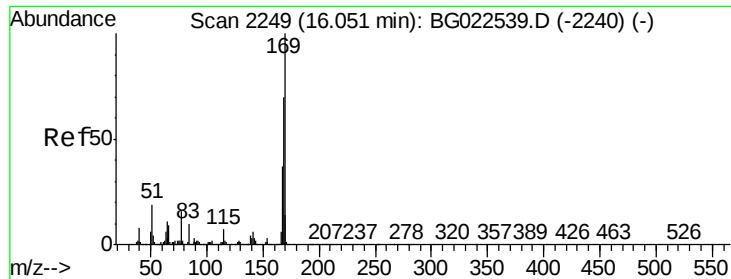
Tgt Ion:188 Resp: 877689
Ion Ratio Lower Upper
188 100
94 6.4 5.2 7.8
80 8.6 7.2 10.8



#64
4,6-Dinitro-2-methylphenol
Concen: 19.11 ng
RT: 15.91 min Scan# 2225
Delta R.T. 0.00 min
Lab File: BG022693.D
Acq: 29 Jun 2016 2:26

Tgt Ion:198 Resp: 112481
Ion Ratio Lower Upper
198 100
51 42.1 26.0 66.0
105 39.4 20.1 60.1

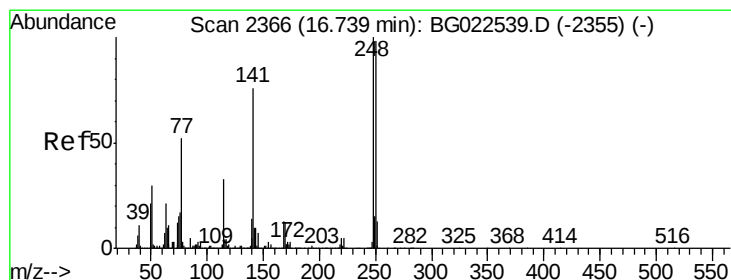
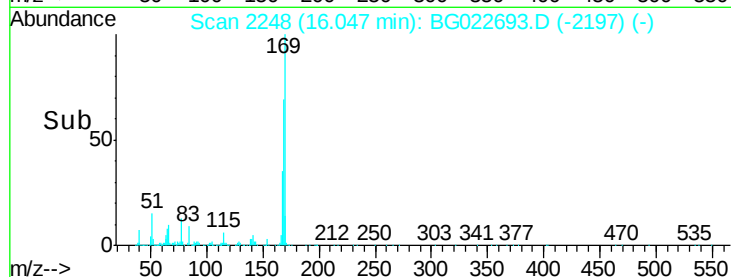
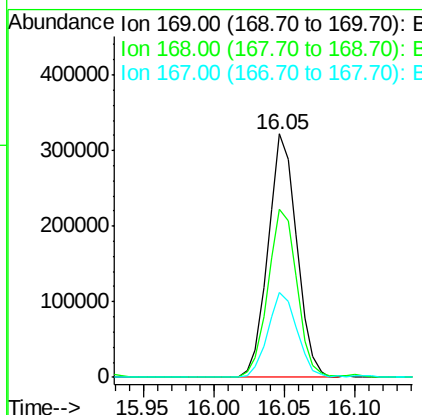
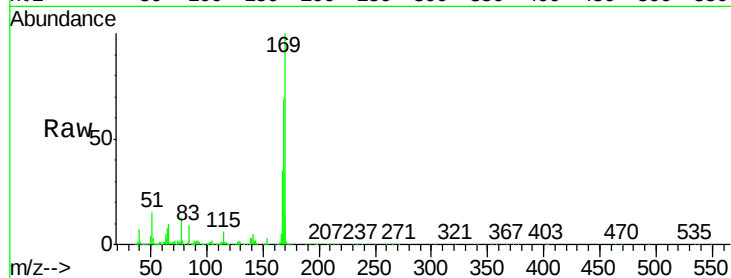




#65
n-Nitrosodiphenylamine
Concen: 17.97 ng
RT: 16.05 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BG022693.D
Acq: 29 Jun 2016 2:26

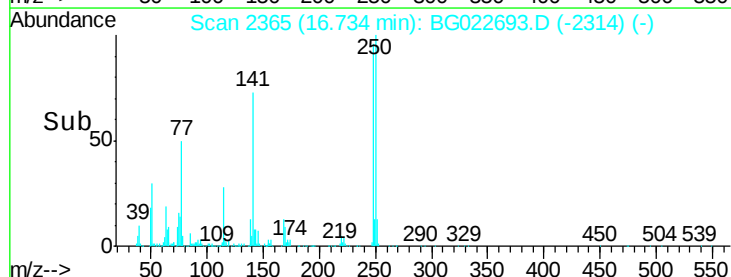
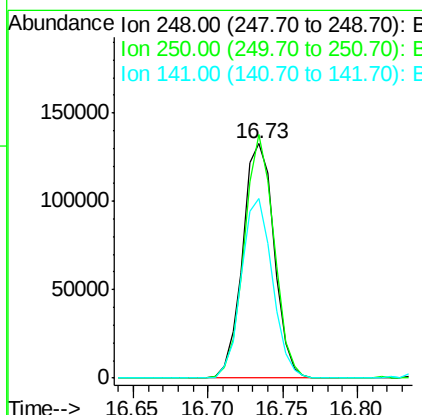
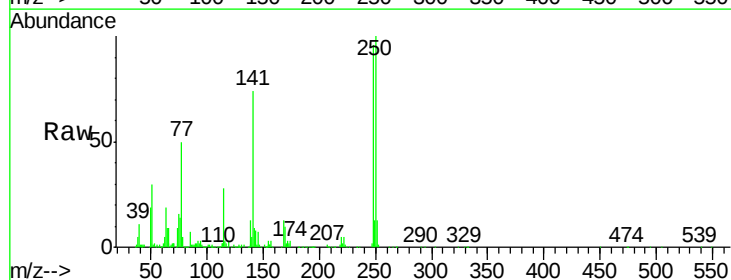
Instrument :
BNA_G
ClientSampleId :
EPCH-B1(13-15)MS

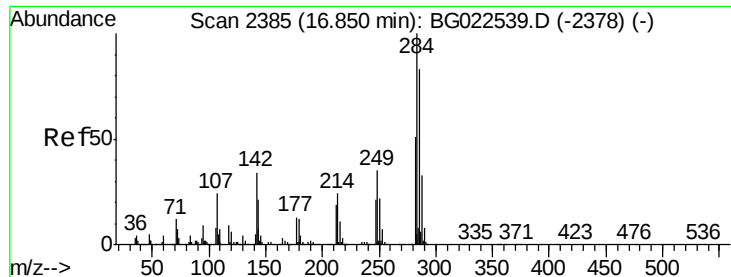
Tgt Ion:169 Resp: 458931
Ion Ratio Lower Upper
169 100
168 69.1 55.0 82.4
167 34.9 27.4 41.0



#66
4-Bromophenyl-phenylether
Concen: 16.97 ng
RT: 16.73 min Scan# 2365
Delta R.T. 0.00 min
Lab File: BG022693.D
Acq: 29 Jun 2016 2:26

Tgt Ion:248 Resp: 193193
Ion Ratio Lower Upper
248 100
250 104.0 77.8 116.8
141 76.7 65.7 98.5





#67

Hexachlorobenzene

Concen: 17.19 ng

RT: 16.85 min Scan# 2385

Delta R.T. 0.00 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

Instrument :

BNA_G

ClientSampleId :

EPCH-B1(13-15)MS

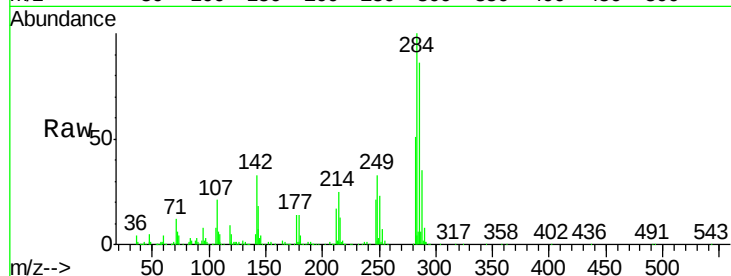
Tgt Ion:284 Resp: 206923

Ion Ratio Lower Upper

284 100

142 33.5 26.8 40.2

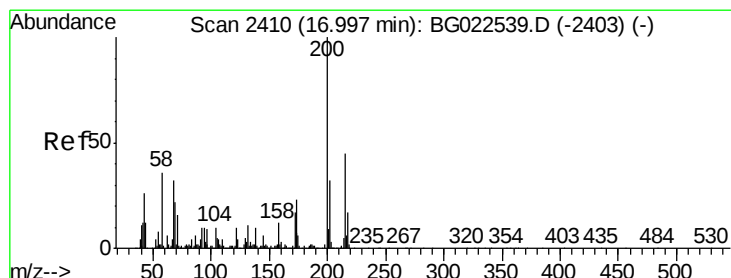
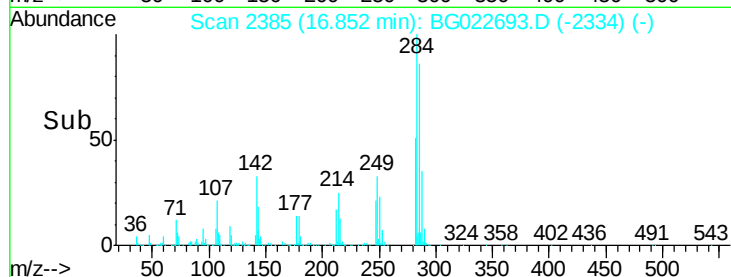
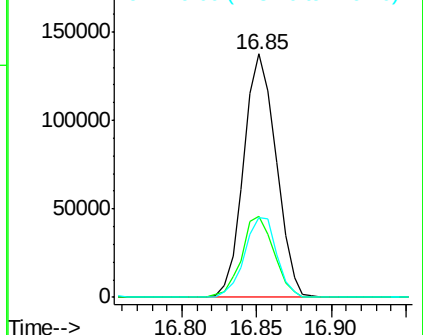
249 32.8 28.9 43.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 19.99 ng

RT: 16.99 min Scan# 2409

Delta R.T. 0.00 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

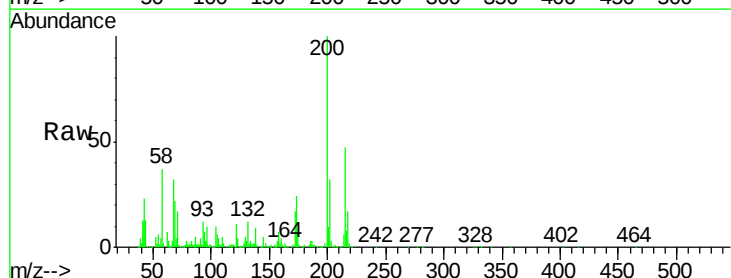
Tgt Ion:200 Resp: 215614

Ion Ratio Lower Upper

200 100

173 24.0 1.6 41.6

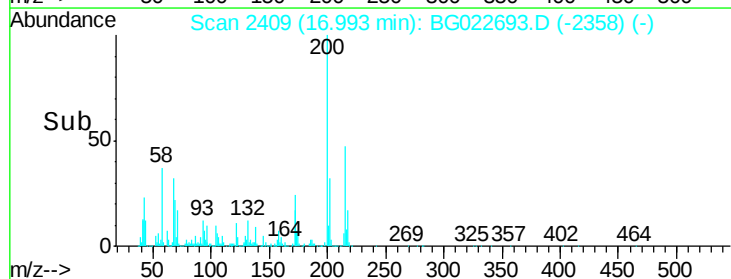
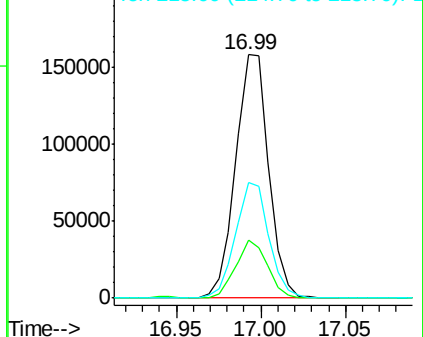
215 47.2 28.7 68.7

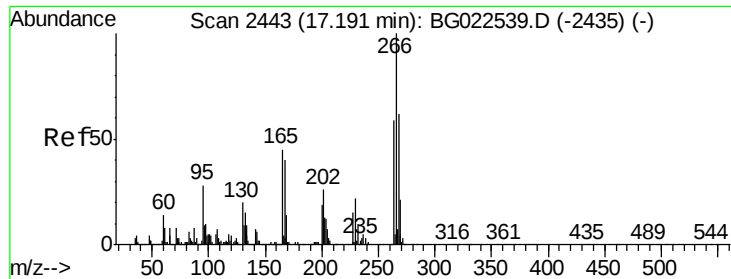


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 53.19 ng

RT: 17.20 min Scan# 2444

Delta R.T. 0.01 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

Instrument :

BNA_G

ClientSampleId :

EPCH-B1(13-15)MS

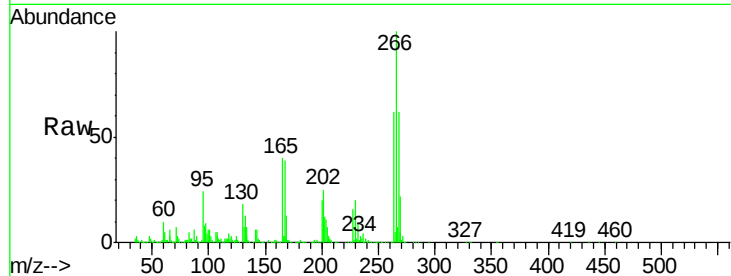
Tgt Ion:266 Resp: 440724

Ion Ratio Lower Upper

266 100

268 61.8 51.9 77.9

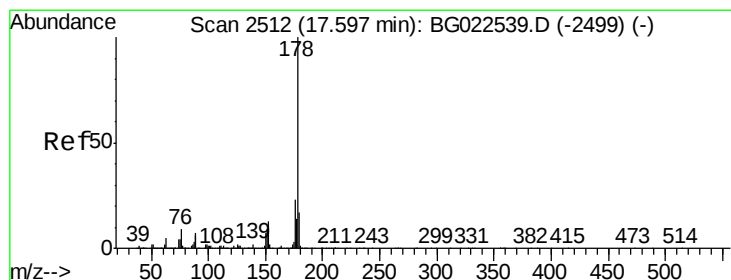
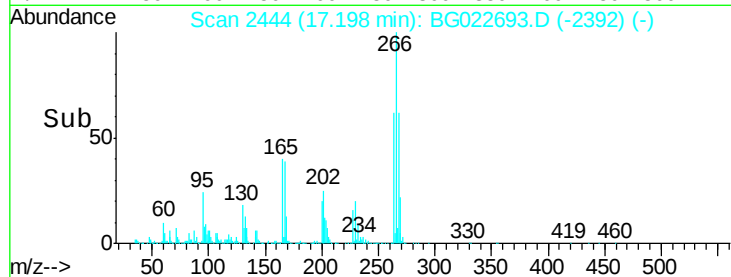
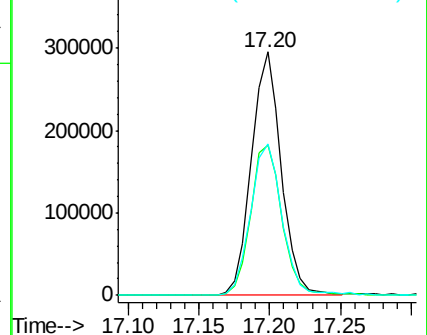
264 62.5 50.6 75.8



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 18.77 ng

RT: 17.60 min Scan# 2512

Delta R.T. 0.01 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

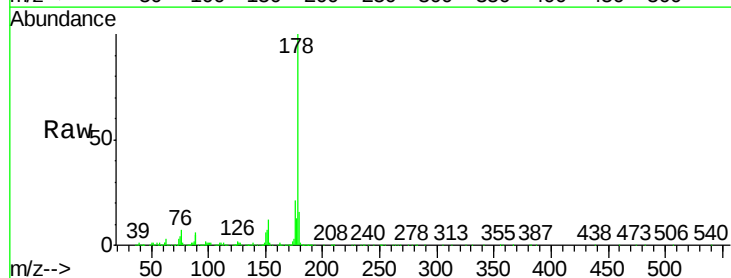
Tgt Ion:178 Resp: 840301

Ion Ratio Lower Upper

178 100

176 21.5 16.8 25.2

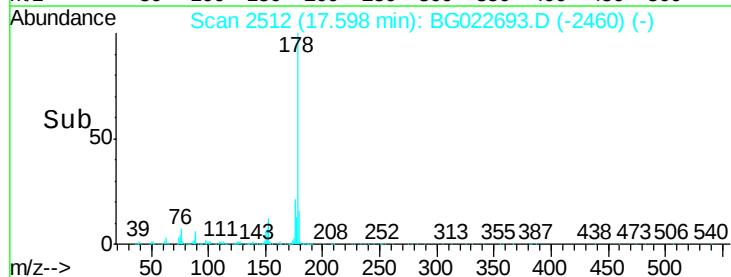
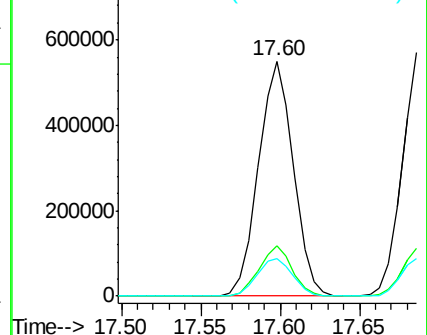
179 16.1 14.3 21.5

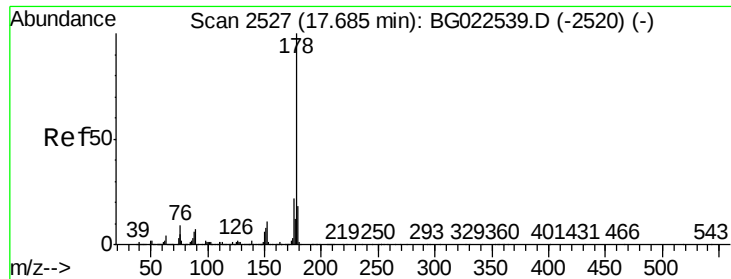


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

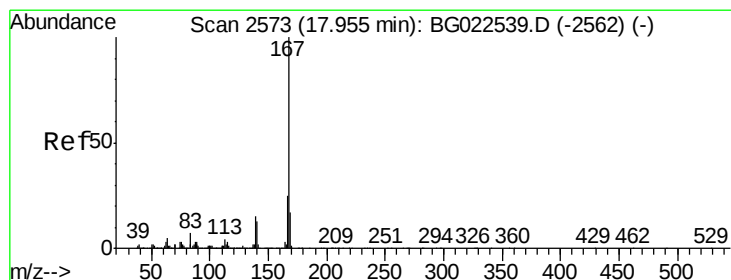
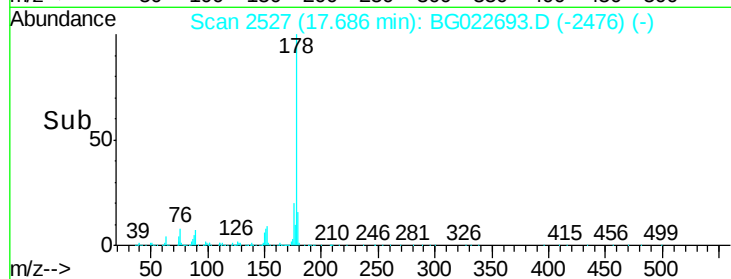
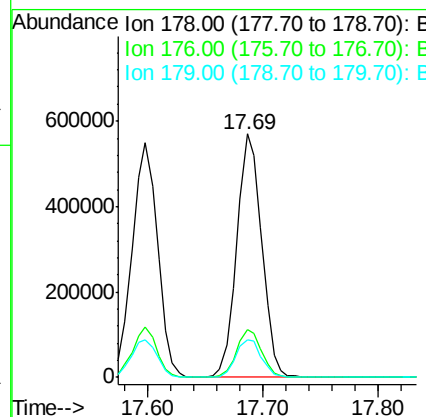
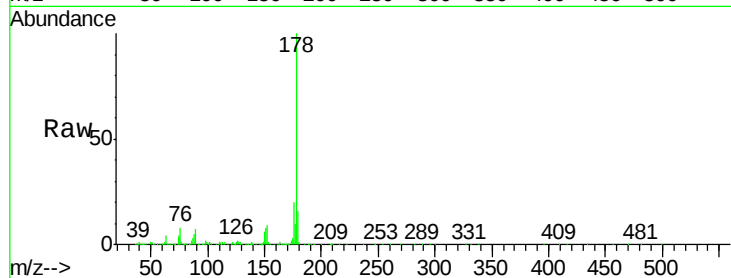




#71
 Anthracene
 Concen: 18.52 ng
 RT: 17.69 min Scan# 2527
 Delta R.T. 0.00 min
 Lab File: BG022693.D
 Acq: 29 Jun 2016 2:26

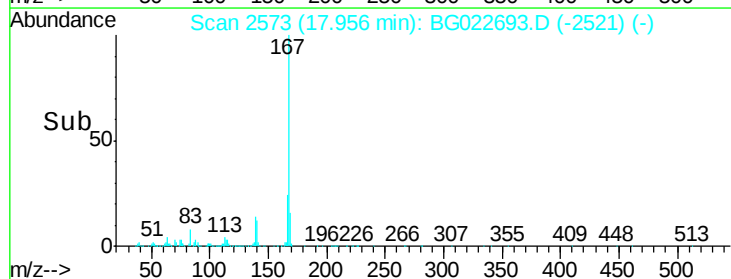
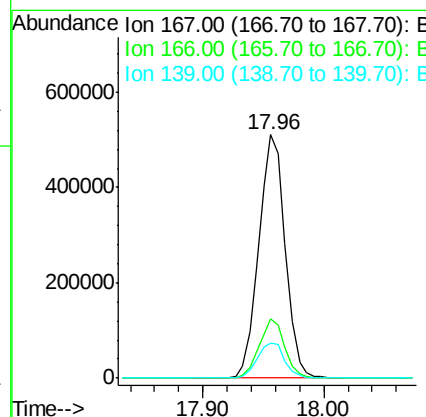
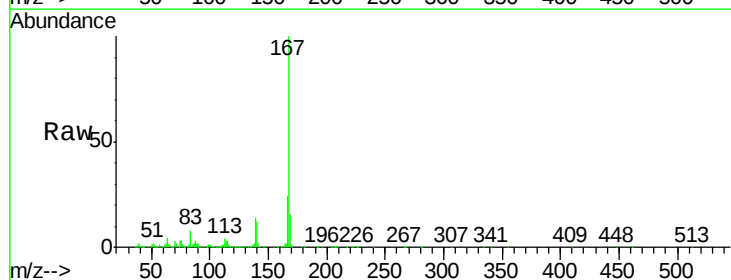
Instrument :
 BNA_G
 ClientSampleId :
 EPCH-B1(13-15)MS

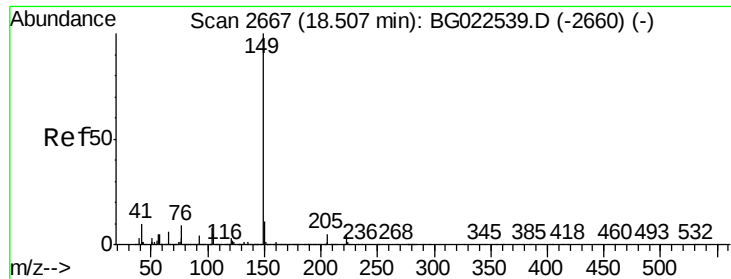
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	17.3	25.9
179	15.6	14.0	21.0



#72
 Carbazole
 Concen: 19.90 ng
 RT: 17.96 min Scan# 2573
 Delta R.T. 0.01 min
 Lab File: BG022693.D
 Acq: 29 Jun 2016 2:26

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.1	20.7	31.1
139	14.4	11.9	17.9

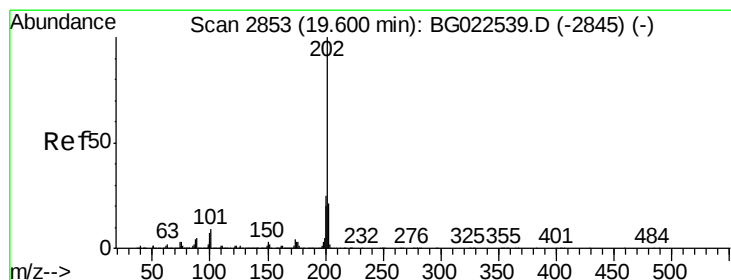
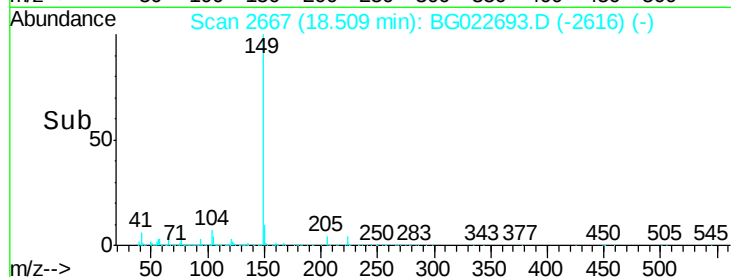
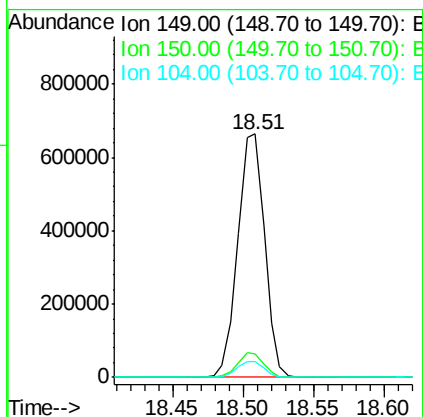
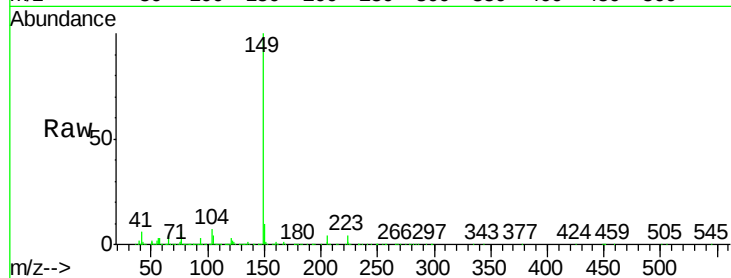




#73
Di-n-butylphthalate
Concen: 19.43 ng
RT: 18.51 min Scan# 2667
Delta R.T. 0.00 min
Lab File: BG022693.D
Acq: 29 Jun 2016 2:26

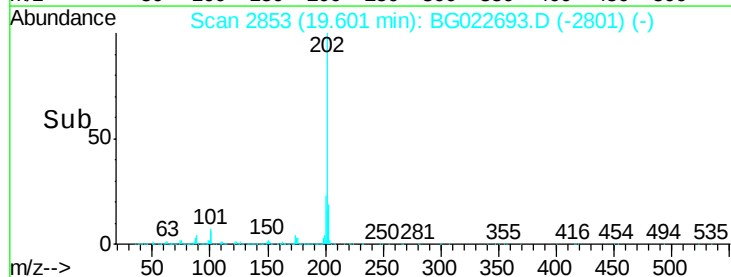
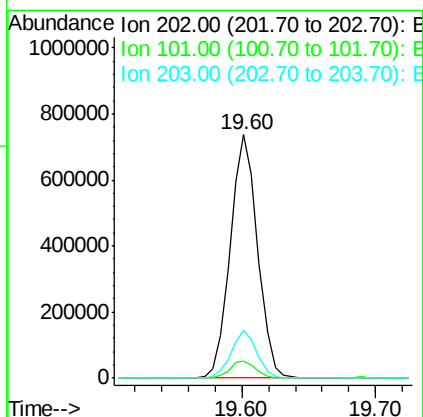
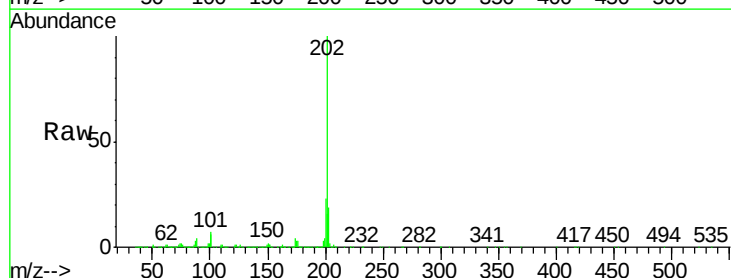
Instrument :
BNA_G
ClientSampleId :
EPCH-B1(13-15)MS

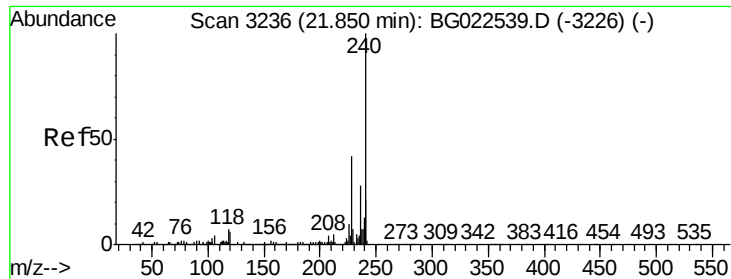
Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	9.1	13.7
104	6.7	6.9	10.3#



#74
Fluoranthene
Concen: 20.27 ng
RT: 19.60 min Scan# 2853
Delta R.T. 0.01 min
Lab File: BG022693.D
Acq: 29 Jun 2016 2:26

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.8	0.0	27.4
203	19.4	1.7	41.7

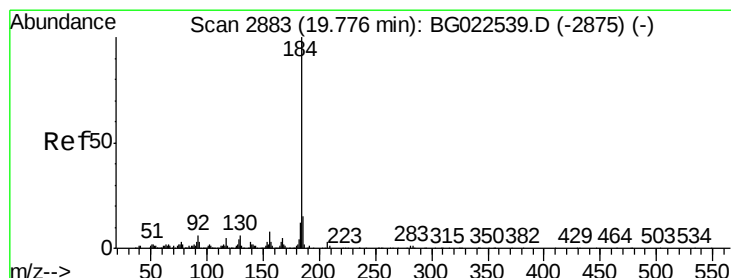
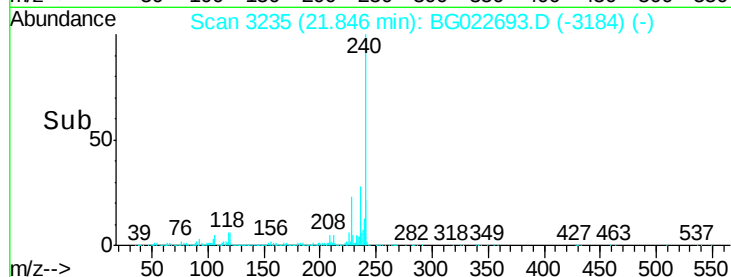
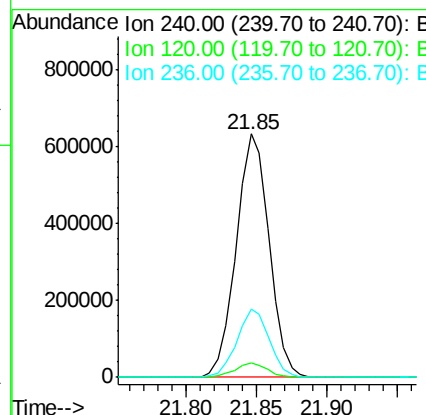
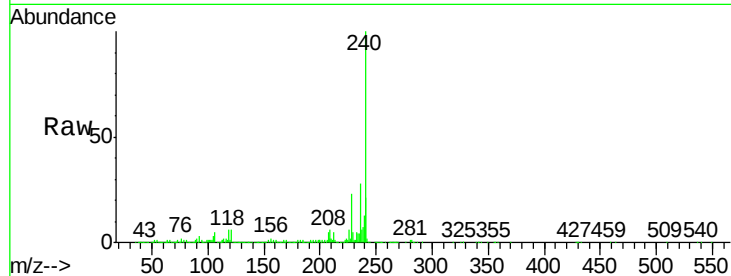




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3235
Delta R.T. 0.00 min
Lab File: BG022693.D
Acq: 29 Jun 2016 2:26

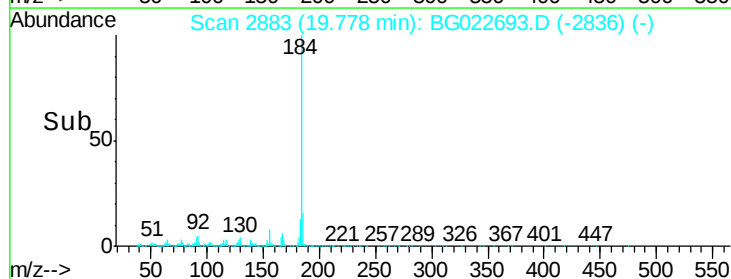
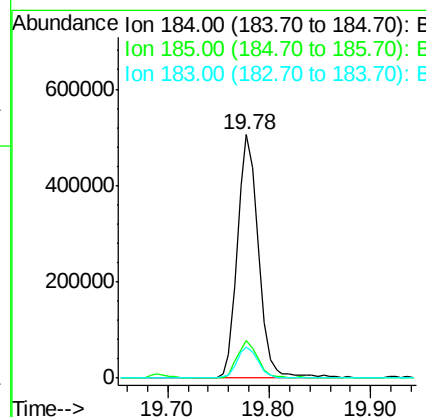
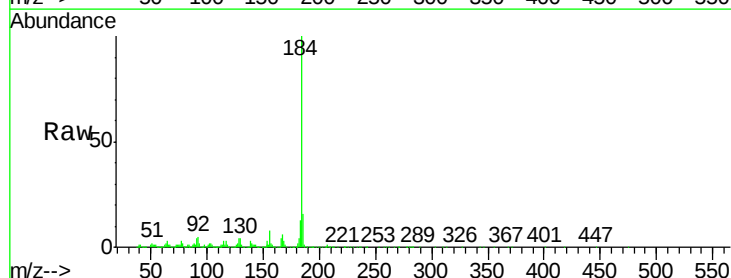
Instrument :
BNA_G
ClientSampleId :
EPCH-B1(13-15)MS

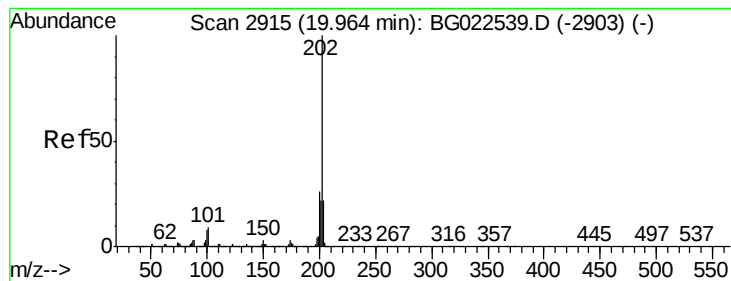
Tgt Ion:240 Resp: 1023235
Ion Ratio Lower Upper
240 100
120 6.0 4.1 6.1
236 27.8 21.1 31.7



#76
Benzidine
Concen: 67.06 ng
RT: 19.78 min Scan# 2883
Delta R.T. -0.02 min
Lab File: BG022693.D
Acq: 29 Jun 2016 2:26

Tgt Ion:184 Resp: 730530
Ion Ratio Lower Upper
184 100
185 15.5 12.6 19.0
183 13.0 10.7 16.1





#77

Pyrene

Concen: 19.28 ng

RT: 19.97 min Scan# 2915

Delta R.T. 0.01 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

Instrument :

BNA_G

ClientSampleId :

EPCH-B1(13-15)MS

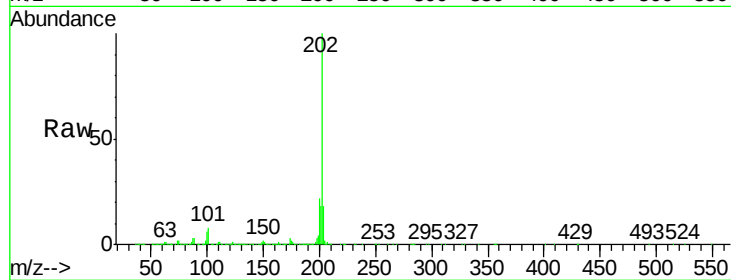
Tgt Ion:202 Resp: 1050789

Ion Ratio Lower Upper

202 100

200 21.5 21.2 31.8

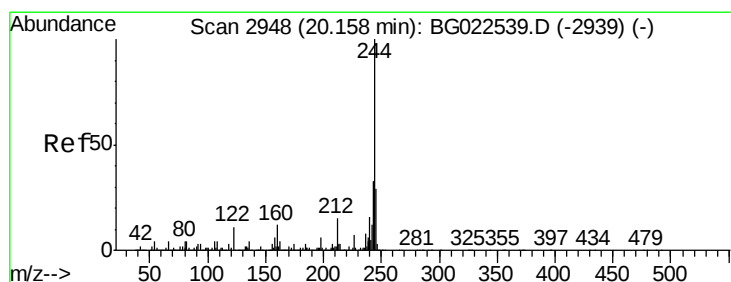
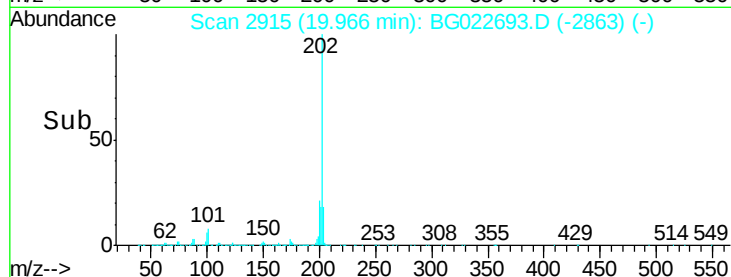
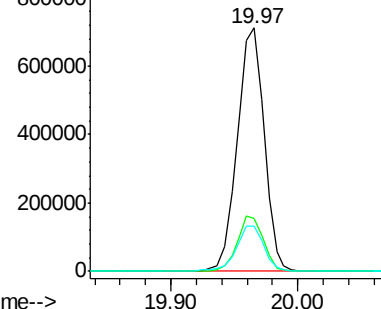
203 18.5 16.8 25.2



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: 66.82 ng

RT: 20.15 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

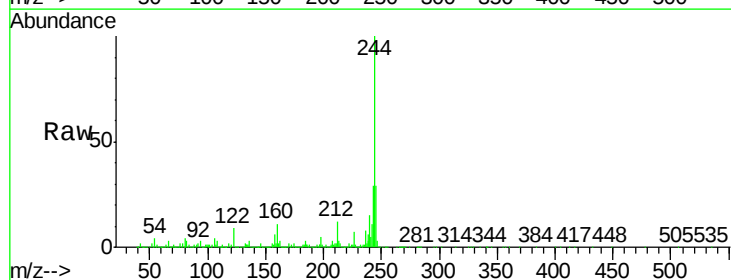
Tgt Ion:244 Resp: 2580828

Ion Ratio Lower Upper

244 100

212 12.0 10.8 16.2

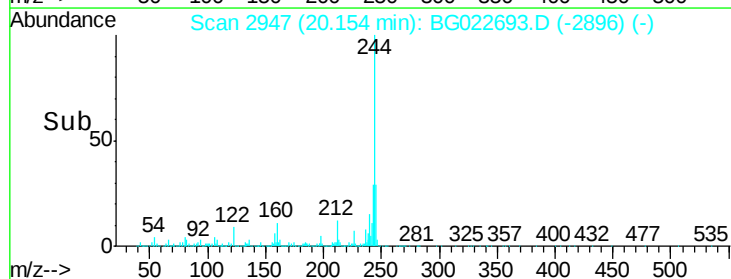
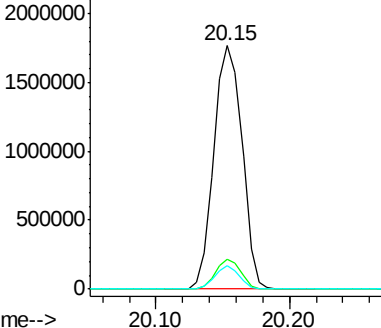
122 9.4 8.0 12.0

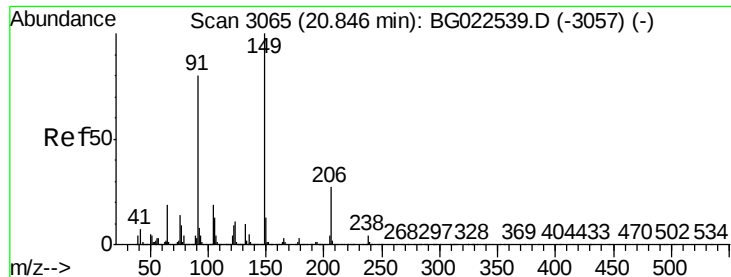


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

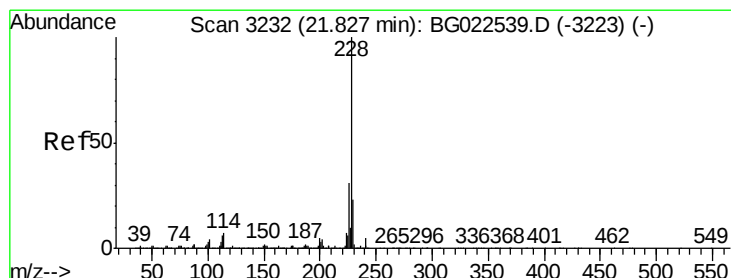
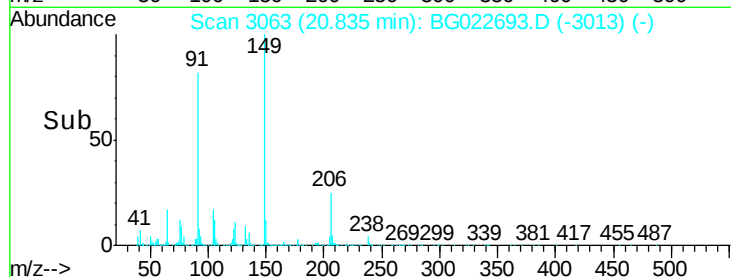
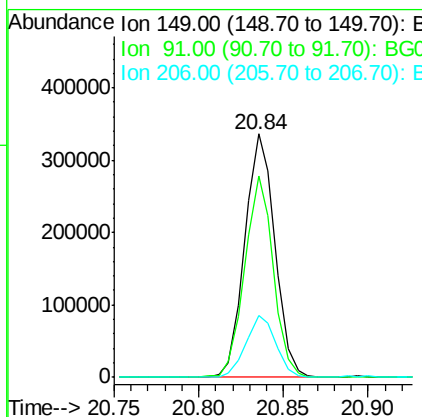
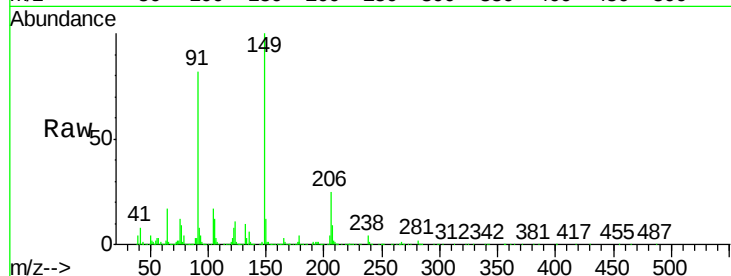




#79
Butylbenzylphthalate
Concen: 17.67 ng
RT: 20.84 min Scan# 3063
Delta R.T. -0.01 min
Lab File: BG022693.D
Acq: 29 Jun 2016 2:26

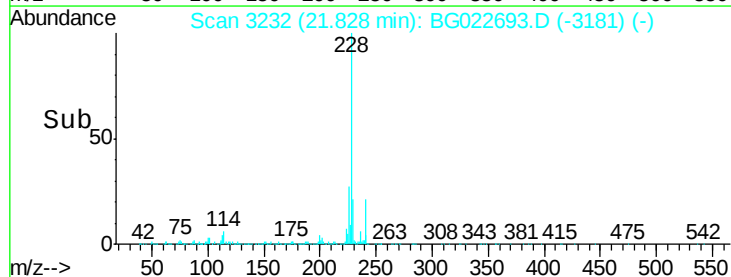
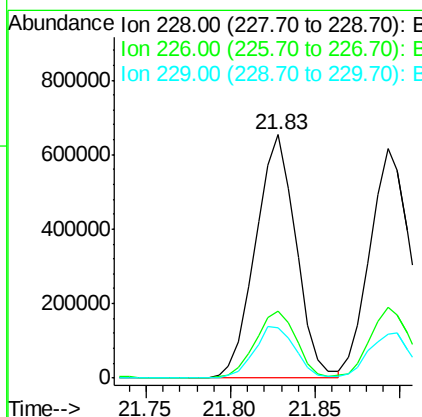
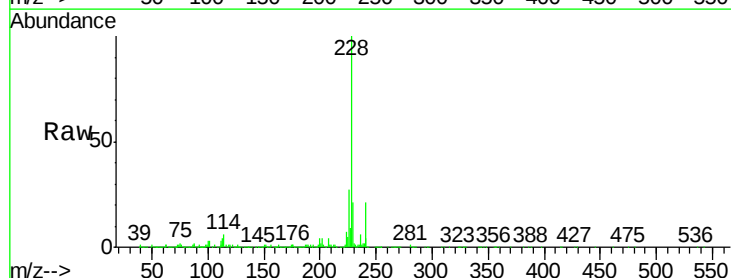
Instrument :
BNA_G
ClientSampleId :
EPCH-B1(13-15)MS

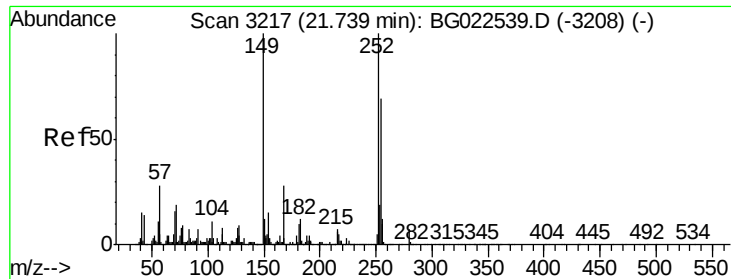
Tgt Ion:149 Resp: 416887
Ion Ratio Lower Upper
149 100
91 82.5 68.1 102.1
206 25.2 19.8 29.6



#80
Benzo(a)anthracene
Concen: 19.23 ng
RT: 21.83 min Scan# 3232
Delta R.T. 0.00 min
Lab File: BG022693.D
Acq: 29 Jun 2016 2:26

Tgt Ion:228 Resp: 1088998
Ion Ratio Lower Upper
228 100
226 27.4 25.3 37.9
229 20.6 19.9 29.9

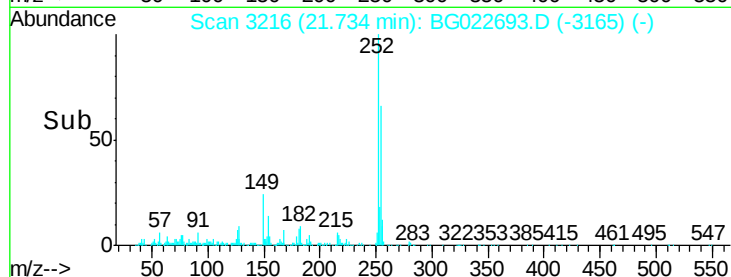
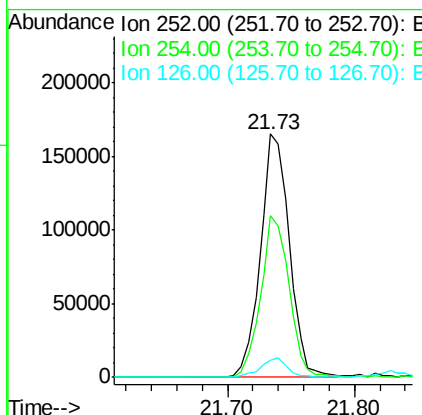
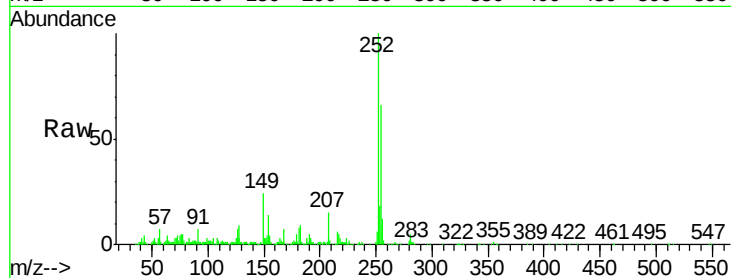




#81
 3,3'-Dichlorobenzidine
 Concen: 11.25 ng
 RT: 21.73 min Scan# 3216
 Delta R.T. 0.00 min
 Lab File: BG022693.D
 Acq: 29 Jun 2016 2:26

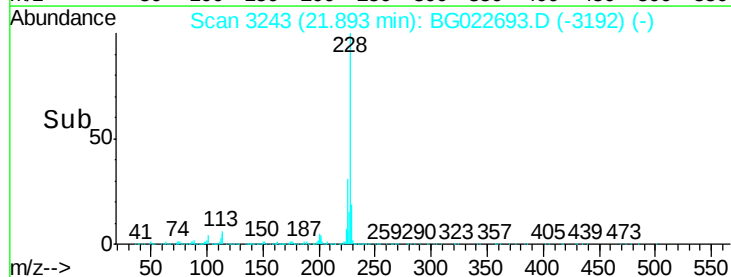
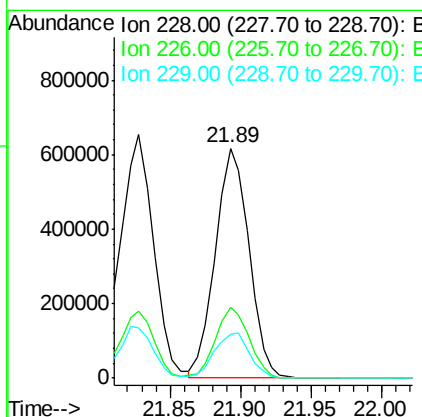
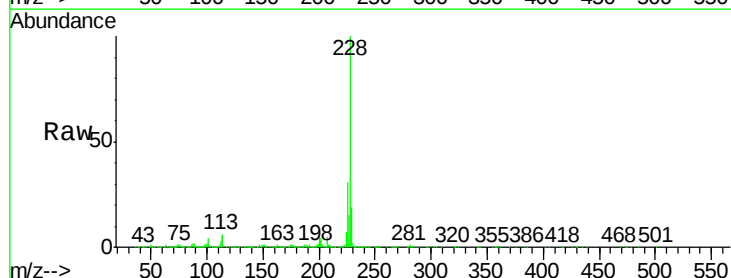
Instrument :
 BNA_G
 ClientSampleId :
 EPCH-B1(13-15)MS

Tgt Ion: 252 Resp: 263055
 Ion Ratio Lower Upper
 252 100
 254 66.2 51.2 76.8
 126 7.0 5.3 7.9



#82
 Chrysene
 Concen: 19.22 ng
 RT: 21.89 min Scan# 3243
 Delta R.T. 0.00 min
 Lab File: BG022693.D
 Acq: 29 Jun 2016 2:26

Tgt Ion: 228 Resp: 1022448
 Ion Ratio Lower Upper
 228 100
 226 30.8 26.7 40.1
 229 19.2 17.4 26.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 17.34 ng

RT: 21.72 min Scan# 3213

Delta R.T. -0.01 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

Instrument :

BNA_G

ClientSampleId :

EPCH-B1(13-15)MS

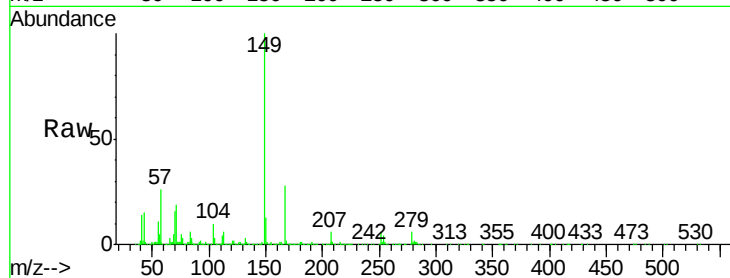
Tgt Ion:149 Resp: 576082

Ion Ratio Lower Upper

149 100

167 27.8 24.0 36.0

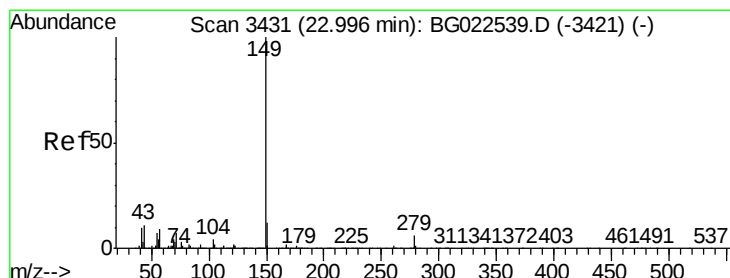
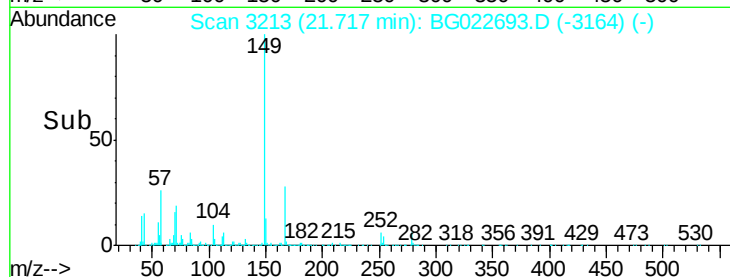
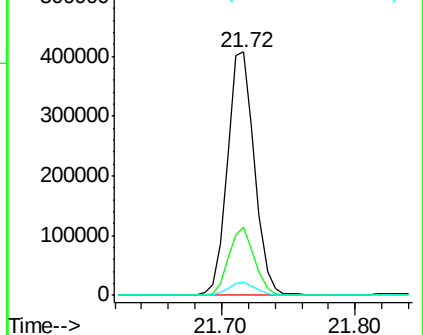
279 5.7 4.8 7.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 17.70 ng

RT: 22.97 min Scan# 3427

Delta R.T. -0.02 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

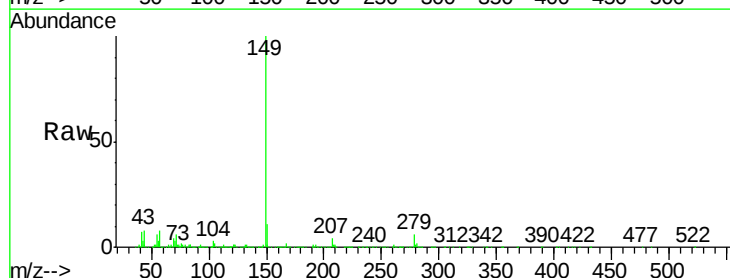
Tgt Ion:149 Resp: 969196

Ion Ratio Lower Upper

149 100

167 1.8 1.5 2.3

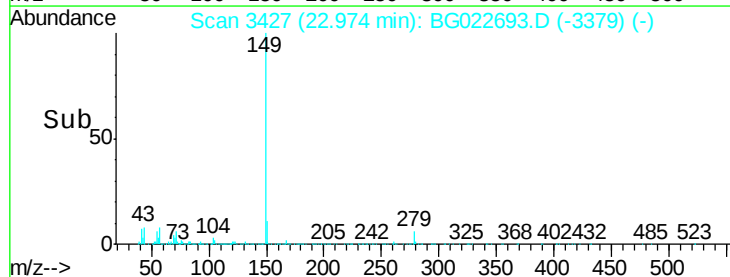
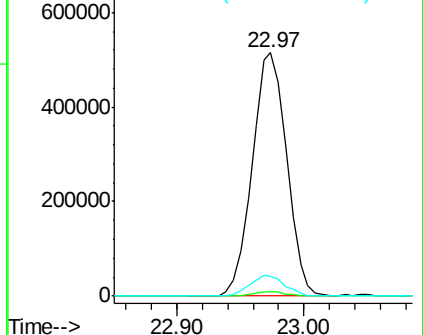
43 8.6 8.8 13.2#

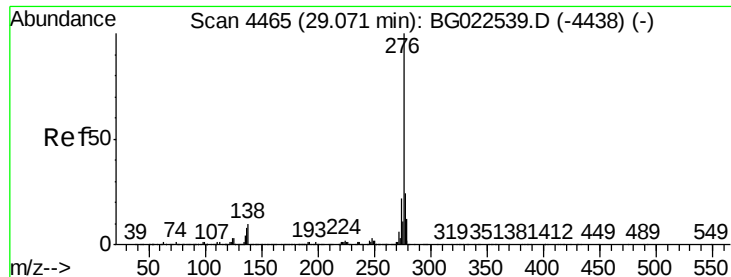


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGO





#85

Indeno(1,2,3-cd)pyrene

Concen: 16.80 ng

RT: 29.04 min Scan# 4459

Delta R.T. -0.01 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

Instrument :

BNA_G

ClientSampleId :

EPCH-B1(13-15)MS

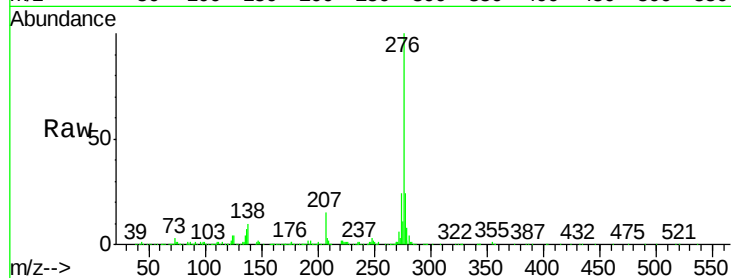
Tgt Ion:276 Resp: 1174668

Ion Ratio Lower Upper

276 100

138 6.2 0.0 0.0#

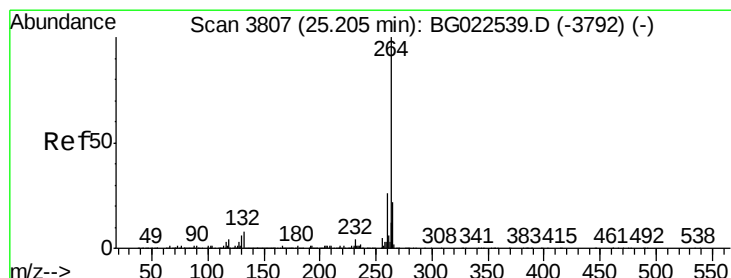
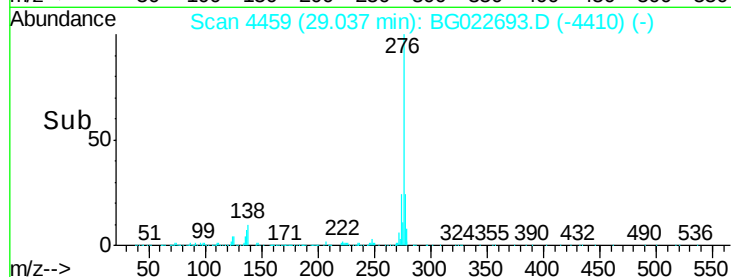
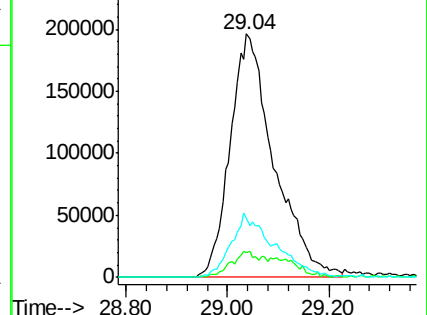
277 26.0 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.21 min Scan# 3807

Delta R.T. 0.00 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

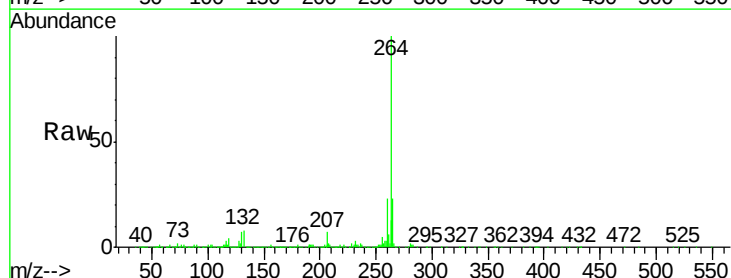
Tgt Ion:264 Resp: 1074320

Ion Ratio Lower Upper

264 100

260 23.2 18.4 27.6

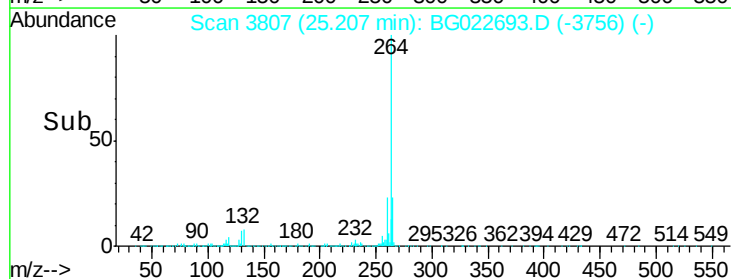
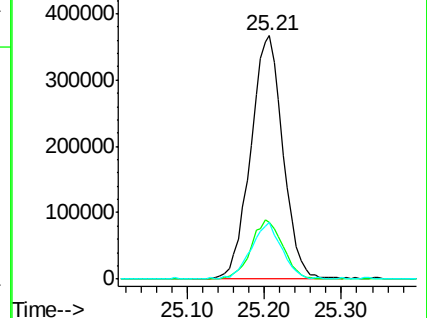
265 23.2 18.9 28.3

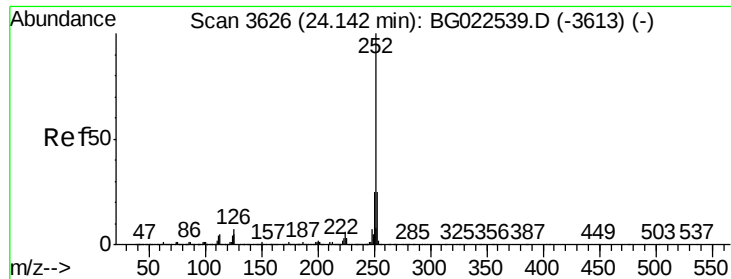


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 17.56 ng

RT: 24.13 min Scan# 3624

Delta R.T. 0.00 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

Instrument :

BNA_G

ClientSampleId :

EPCH-B1(13-15)MS

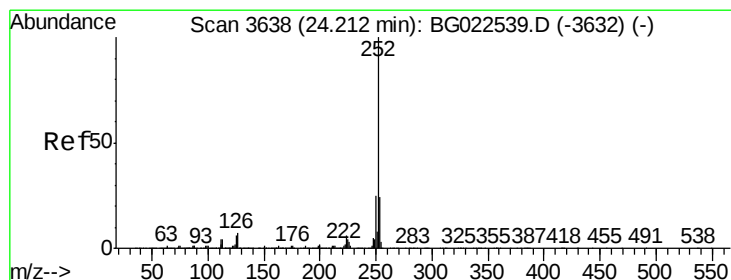
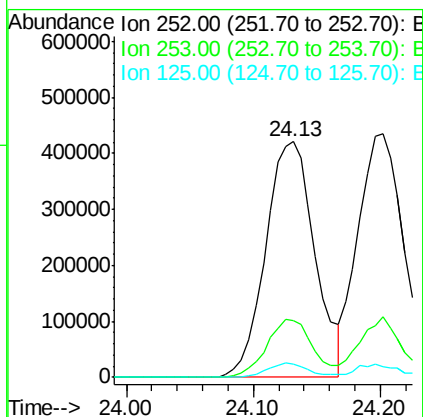
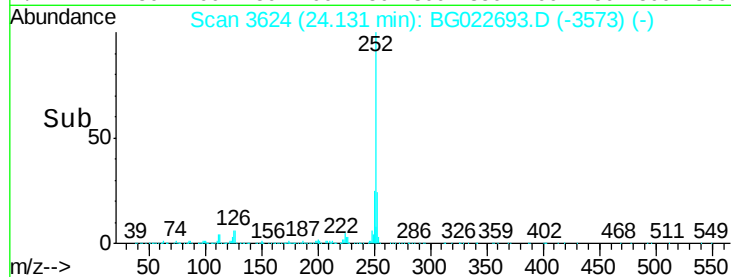
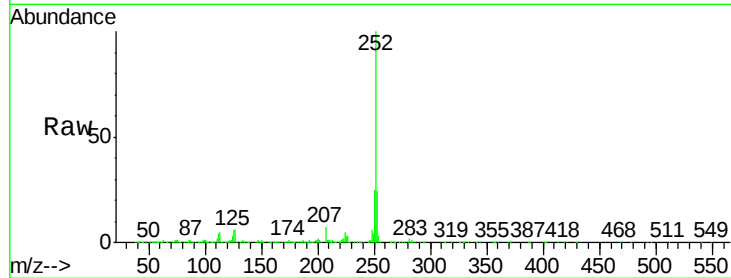
Tgt Ion:252 Resp: 1134184

Ion Ratio Lower Upper

252 100

253 24.3 18.9 28.3

125 5.8 3.9 5.9



#88

Benzo(k)fluoranthene

Concen: 17.65 ng

RT: 24.20 min Scan# 3636

Delta R.T. 0.00 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

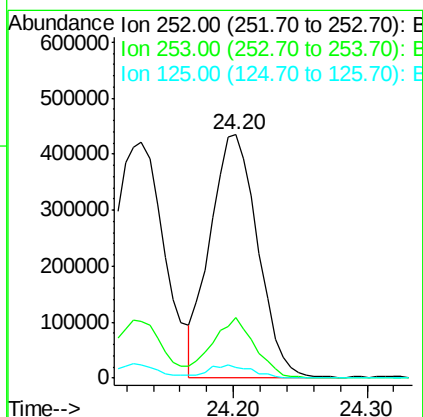
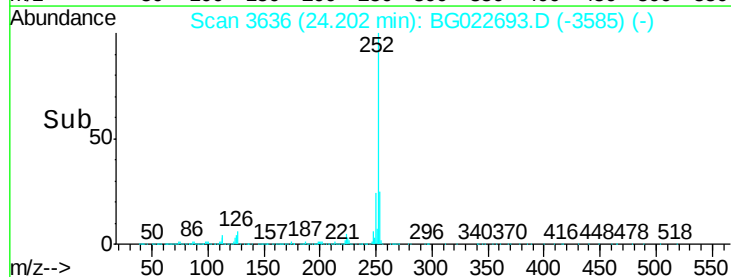
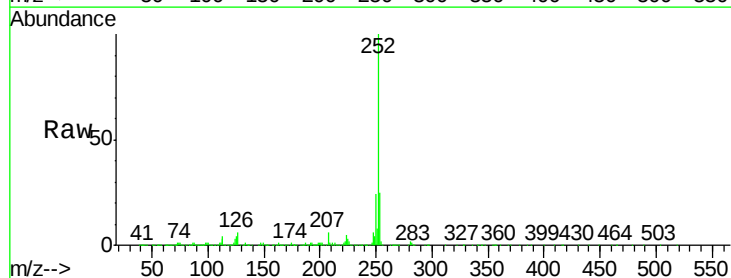
Tgt Ion:252 Resp: 1077766

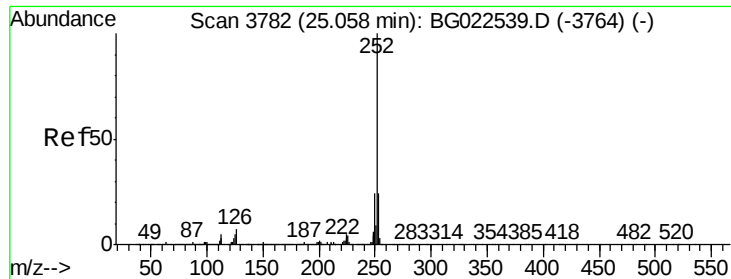
Ion Ratio Lower Upper

252 100

253 24.9 18.8 28.2

125 4.5 3.2 4.8





#89

Benzo(a)pyrene

Concen: 17.17 ng

RT: 25.04 min Scan# 3778

Delta R.T. -0.01 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

Instrument :

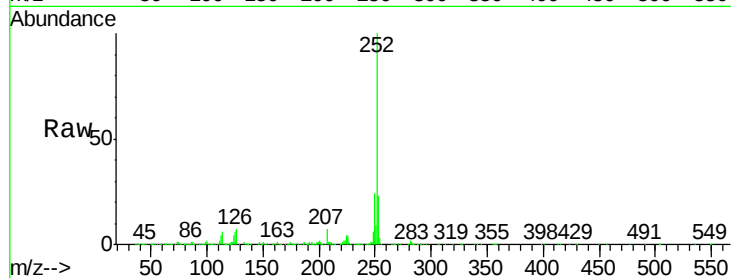
BNA_G

ClientSampleId :

EPCH-B1(13-15)MS

Tgt Ion:252 Resp: 1081112

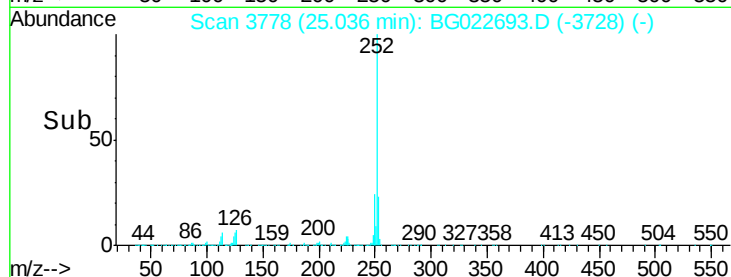
Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.7	28.1
125	5.7	3.9	5.9



Abundance Ion 252.00 (251.70 to 252.70): E

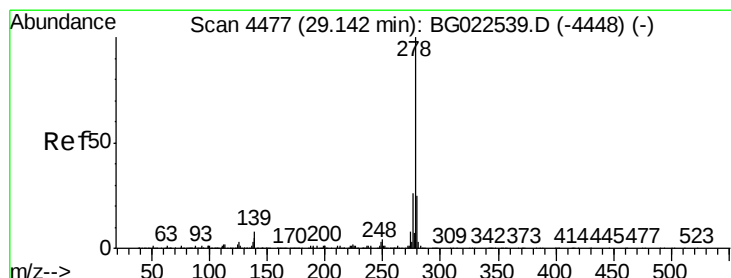
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->

25.04



#90

Dibenzo(a,h)anthracene

Concen: 16.84 ng

RT: 29.11 min Scan# 4472

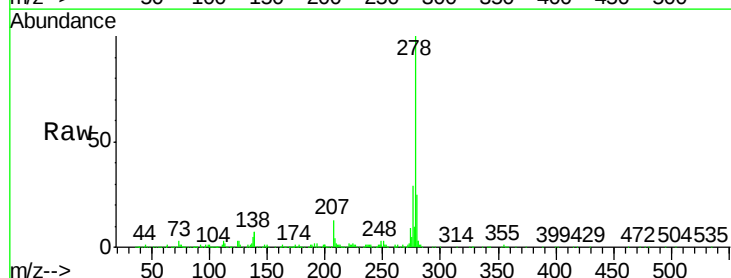
Delta R.T. 0.00 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

Tgt Ion:278 Resp: 998105

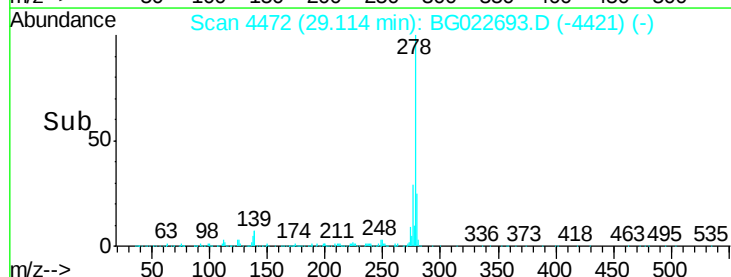
Ion	Ratio	Lower	Upper
278	100		
139	6.6	4.7	7.1
279	24.5	18.3	27.5



Abundance Ion 278.00 (277.70 to 278.70): E

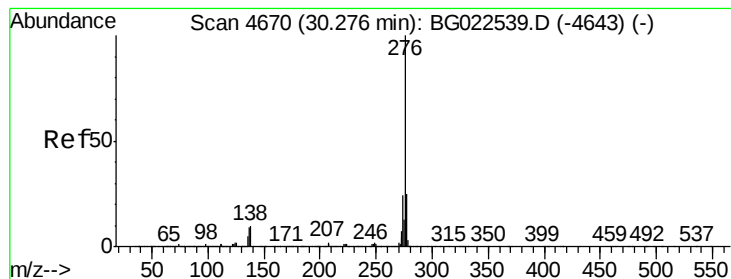
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->

29.11



#91

Benzo(g,h,i)perylene

Concen: 16.00 ng

RT: 30.24 min Scan# 4664

Delta R.T. -0.01 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

Instrument :

BNA_G

ClientSampleId :

EPCH-B1(13-15)MS

Tgt Ion: 276 Resp: 965607

Ion Ratio Lower Upper

276 100

277 23.4 18.6 27.8

138 8.5 6.8 10.2

