

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071715\
 Data File : BG017951.D
 Acq On : 18 Jul 2015 7:39
 Operator : TP/UM
 Sample : G3007-02MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-2(8.0-8.5)MSD

Quant Time: Jul 20 01:50:48 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 18 01:50:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	87279	20.00	ng	0.00
21) Naphthalene-d8	10.37	136	409878	20.00	ng	0.00
38) Acenaphthene-d10	14.24	164	257097	20.00	ng	0.00
63) Phenanthrene-d10	16.99	188	546028	20.00	ng	0.00
75) Chrysene-d12	21.20	240	555327	20.00	ng	0.00
86) Perylene-d12	23.42	264	540476	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.19	112	252427	50.45	ng	0.00
7) Phenol-d6	6.76	99	215070	32.81	ng	0.00
23) Nitrobenzene-d5	8.74	82	523951	82.79	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	331380	127.22	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	1268638	85.51	ng	0.00
78) Terphenyl-d14	19.64	244	1736561	78.77	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.15	88	30282	13.77	ng	99
3) Pyridine	3.53	79	82585	14.05	ng	# 90
4) n-Nitrosodimethylamine	3.45	42	29880	13.39	ng	# 67
6) Aniline	6.92	93	242811	27.78	ng	93
8) 2-Chlorophenol	7.15	128	195120	33.08	ng	97
9) Benzaldehyde	6.74	77	91503	22.78	ng	94
10) Phenol	6.79	94	86964	12.43	ng	92
11) bis(2-Chloroethyl)ether	7.02	93	231988	42.39	ng	93
12) 1,3-Dichlorobenzene	7.48	146	230202	35.54	ng	97
13) 1,4-Dichlorobenzene	7.62	146	236337	35.60	ng	98
14) 1,2-Dichlorobenzene	7.93	146	237177	37.39	ng	99
15) Benzyl Alcohol	7.83	79	140165	28.91	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.13	45	269675	40.91	ng	96
17) 2-Methylphenol	8.03	107	138279	28.35	ng	93
18) Hexachloroethane	8.65	117	89669	35.76	ng	98
19) n-Nitroso-di-n-propylamine	8.39	70	205931	43.03	ng	# 87
20) 3+4-Methylphenols	8.36	107	168053	25.46	ng	97
22) Acetophenone	8.40	105	366513	41.40	ng	# 93
24) Nitrobenzene	8.78	77	279020	41.38	ng	# 89
25) Isophorone	9.30	82	564066	42.50	ng	100
26) 2-Nitrophenol	9.48	139	134005	41.65	ng	92
27) 2,4-Dimethylphenol	9.56	122	222323	37.99	ng	95
28) bis(2-Chloroethoxy)methane	9.79	93	320829	43.38	ng	99
29) 2,4-Dichlorophenol	10.01	162	224116	42.99	ng	97
30) 1,2,4-Trichlorobenzene	10.23	180	233850	37.75	ng	97
31) Naphthalene	10.41	128	809242	40.34	ng	99
32) Benzoic acid	9.66	122	29393	21.16	ng	84
33) 4-Chloroaniline	10.53	127	311396	34.83	ng	95
34) Hexachlorobutadiene	10.71	225	126418	36.22	ng	93
35) Caprolactam	11.31	113	21463	8.10	ng	89
36) 4-Chloro-3-methylphenol	11.66	107	236084	39.89	ng	96
37) 2-Methylnaphthalene	12.04	142	646172	44.87	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.42	216	272723	39.57	ng	99
40) Hexachlorocyclopentadiene	12.40	237	299258	79.63	ng	99

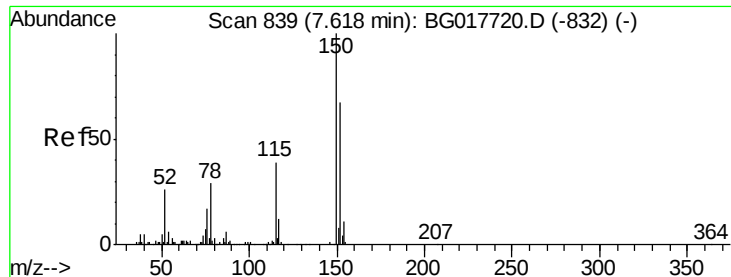
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.66	196	188345	42.03	ng	96
43) 2,4,5-Trichlorophenol	12.73	196	208483	44.74	ng	97
45) 1,1'-Biphenyl	13.07	154	772405	42.91	ng	99
46) 2-Chloronaphthalene	13.11	162	616039	42.23	ng	97
47) 2-Nitroaniline	13.32	65	183424	46.83	ng	# 85
48) Acenaphthylene	13.96	152	1033648	42.49	ng	99
49) Dimethylphthalate	13.72	163	897424	50.25	ng	100
50) 2,6-Dinitrotoluene	13.83	165	195425	48.29	ng	90
51) Acenaphthene	14.31	154	637840	43.30	ng	99
52) 3-Nitroaniline	14.16	138	170621	37.50	ng	94
53) 2,4-Dinitrophenol	14.37	184	184084	79.95	ng	93
54) Dibenzofuran	14.64	168	969110	45.59	ng	99
55) 4-Nitrophenol	14.47	139	107976	30.00	ng	# 86
56) 2,4-Dinitrotoluene	14.62	165	269621	49.67	ng	90
57) Fluorene	15.30	166	855133	46.80	ng	98
58) 2,3,4,6-Tetrachlorophenol	14.87	232	180327	44.88	ng	98
59) Diethylphthalate	15.08	149	860006	46.49	ng	99
60) 4-Chlorophenyl-phenylether	15.30	204	412604	46.06	ng	93
61) 4-Nitroaniline	15.33	138	220931	41.45	ng	93
62) Azobenzene	15.59	77	791877	46.33	ng	92
64) 4,6-Dinitro-2-methylphenol	15.38	198	131890	46.26	ng	86
65) n-Nitrosodiphenylamine	15.51	169	735076	44.77	ng	99
66) 4-Bromophenyl-phenylether	16.19	248	255007	46.61	ng	96
67) Hexachlorobenzene	16.31	284	275770	45.41	ng	92
68) Atrazine	16.48	200	266761	49.46	ng	96
69) Pentachlorophenol	16.65	266	309456	78.05	ng	98
70) Phenanthrene	17.04	178	1272459	45.18	ng	98
71) Anthracene	17.13	178	1253516	45.74	ng	97
72) Carbazole	17.41	167	1173260	45.32	ng	98
73) Di-n-butylphthalate	17.98	149	1508875	47.54	ng	100
74) Fluoranthene	19.07	202	1373963	44.56	ng	99
76) Benzidine	19.26	184	291982	18.51	ng	97
77) Pyrene	19.43	202	1418420	45.80	ng	99
79) Butylbenzylphthalate	20.35	149	698448	50.35	ng	90
80) Benzo(a)anthracene	21.18	228	1319432	44.99	ng	97
81) 3,3'-Dichlorobenzidine	21.12	252	368656	34.66	ng	97
82) Chrysene	21.24	228	1245115	44.57	ng	100
83) Bis(2-ethylhexyl)phthalate	21.13	149	1015600	53.17	ng	97
84) Di-n-octyl phthalate	22.00	149	1534892	51.02	ng	# 92
85) Indeno(1,2,3-cd)pyrene	25.67	276	1551909	45.94	ng	98
87) Benzo(h)fluoranthene	22.75	252	1345230	45.49	ng	99
88) Benzo(k)fluoranthene	22.79	252	1341108	45.42	ng	99
89) Benzo(a)pyrene	23.32	252	1309775	47.54	ng	98
90) Dibenzo(a,h)anthracene	25.68	278	1321565	46.26	ng	98
91) Benzo(g,h,i)perylene	26.35	276	1279003	46.43	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.59 min Scan# 834

Delta R.T. -0.00 min

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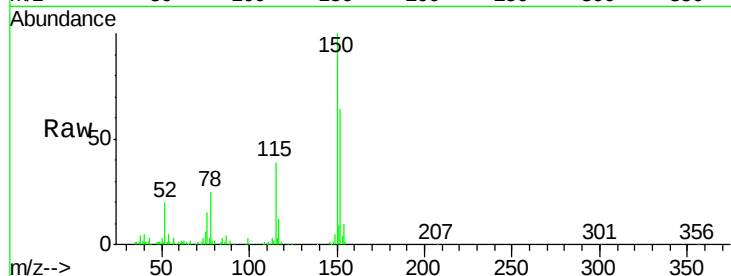
Tgt Ion:152 Resp: 87279

Ion Ratio Lower Upper

152 100

150 156.3 119.1 178.7

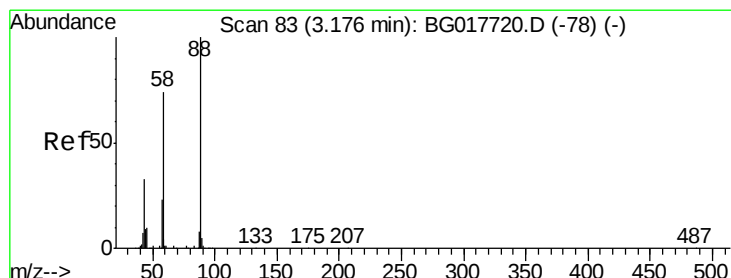
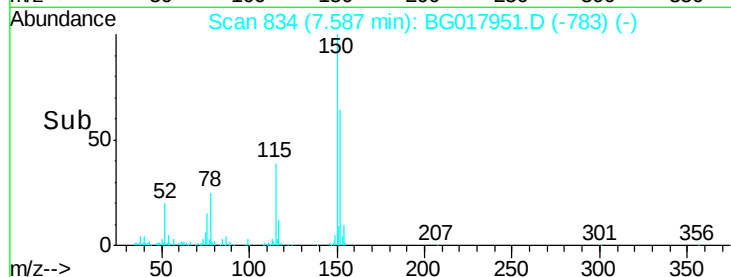
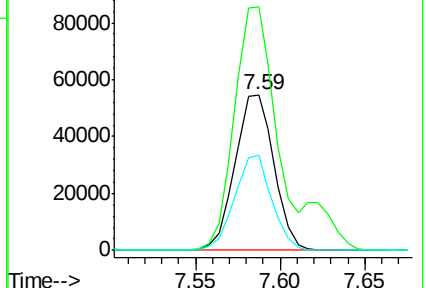
115 61.2 47.0 70.4



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: 13.77 ng

RT: 3.15 min Scan# 78

Delta R.T. -0.01 min

Lab File: BG017951.D

Acq: 18 Jul 2015 7:39

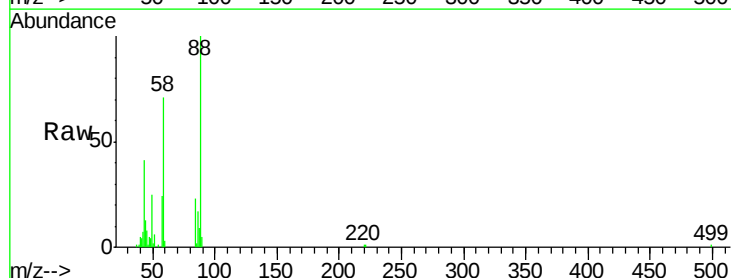
Tgt Ion: 88 Resp: 30282

Ion Ratio Lower Upper

88 100

58 69.5 55.8 83.8

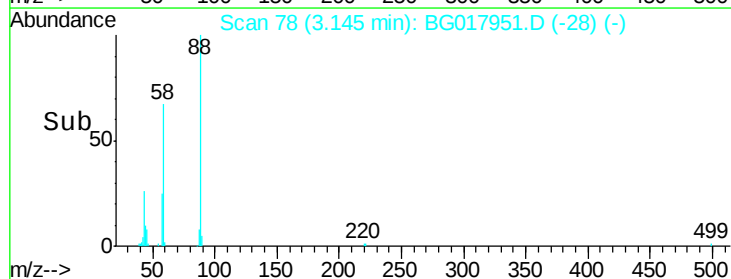
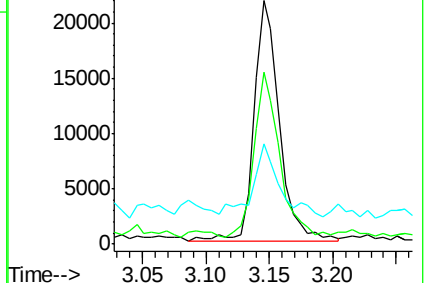
43 32.8 27.4 41.2

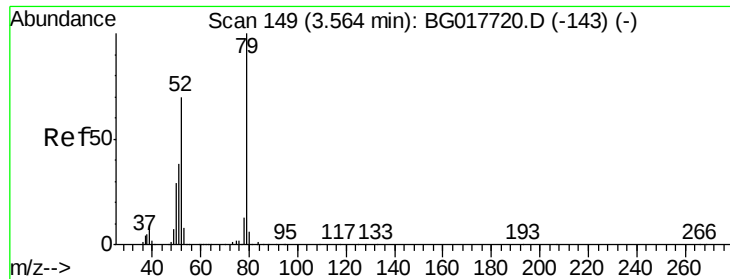


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 14.05 ng

RT: 3.53 min Scan# 143

Delta R.T. -0.00 min

Lab File: BG017951.D

Acq: 18 Jul 2015 7:39

Instrument :

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ClientSampleId :

S-2(8.0-8.5)MSD

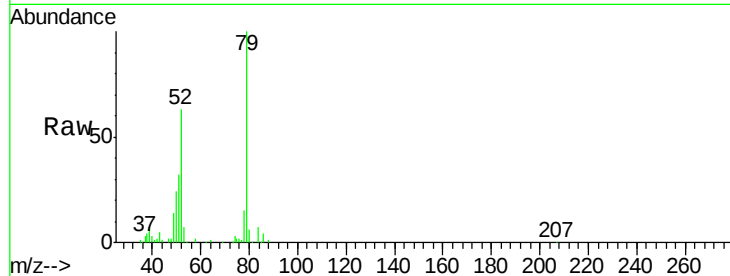
Tgt Ion: 79 Resp: 82585

Ion Ratio Lower Upper

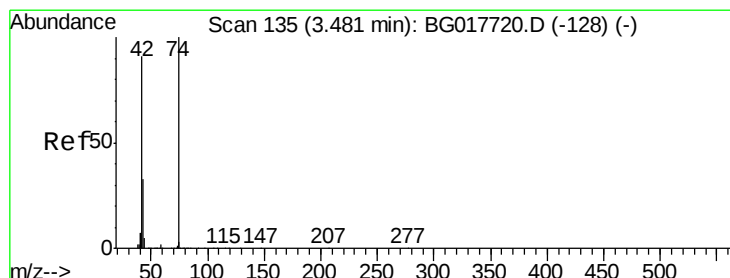
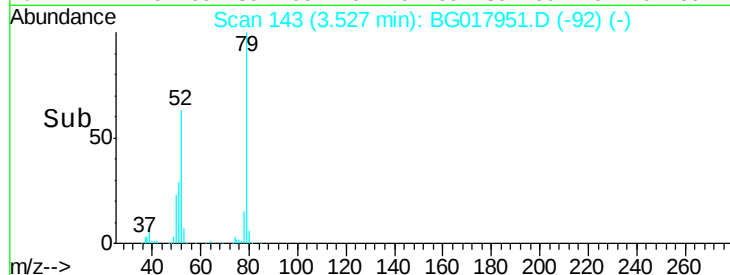
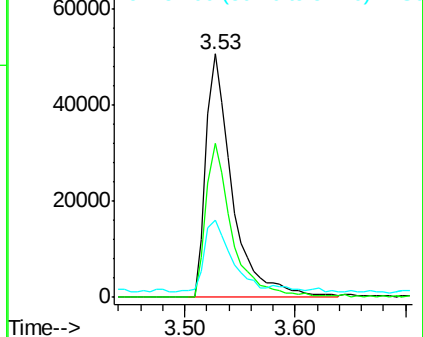
79 100

52 63.4 55.7 83.5

51 31.8 32.2 48.4#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 13.39 ng

RT: 3.45 min Scan# 130

Delta R.T. -0.00 min

Lab File: BG017951.D

Acq: 18 Jul 2015 7:39

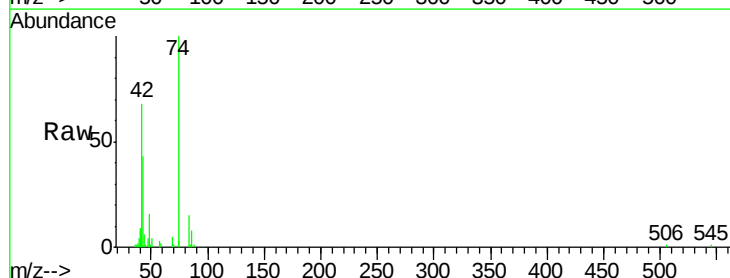
Tgt Ion: 42 Resp: 29880

Ion Ratio Lower Upper

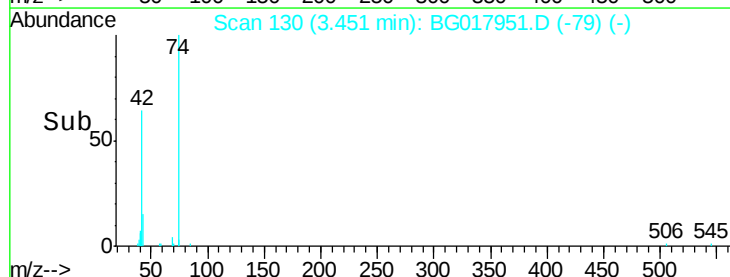
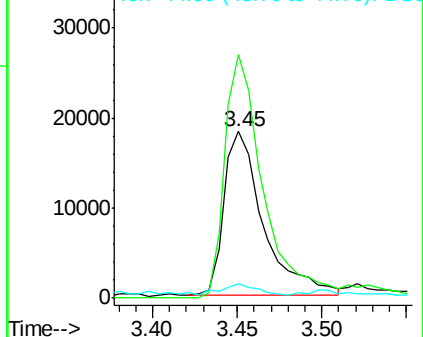
42 100

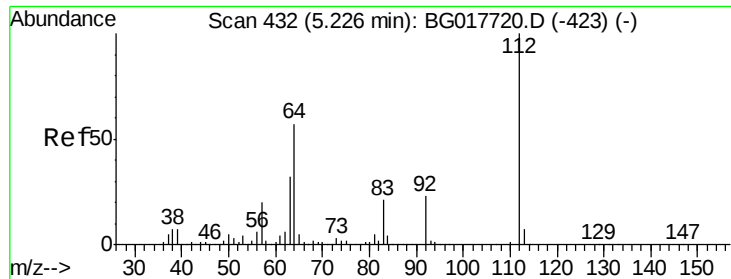
74 146.3 87.4 131.2#

44 9.1 6.4 9.6



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 50.45 ng

RT: 5.19 min Scan# 426

Delta R.T. -0.00 min

Lab File: BG017951.D

Acq: 18 Jul 2015 7:39

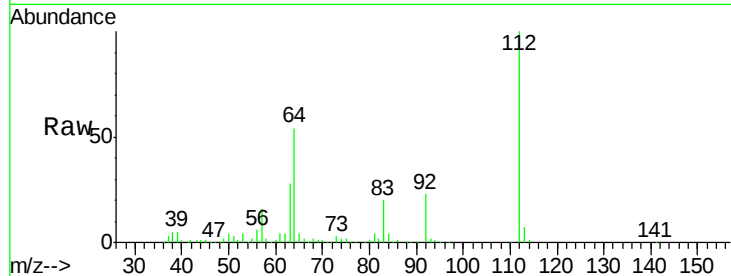
Instrument :

BNA_G

ClientSampleId :

S-2(8.0-8.5)MSD

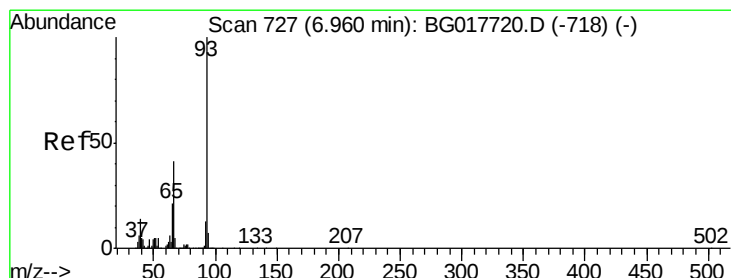
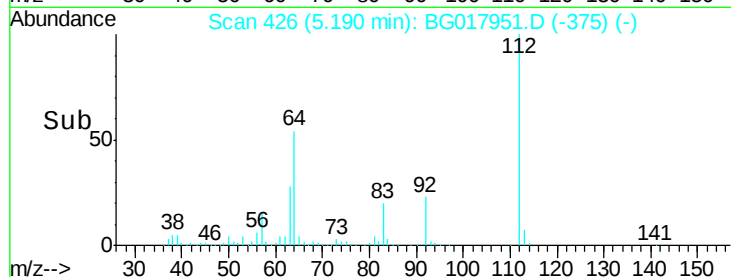
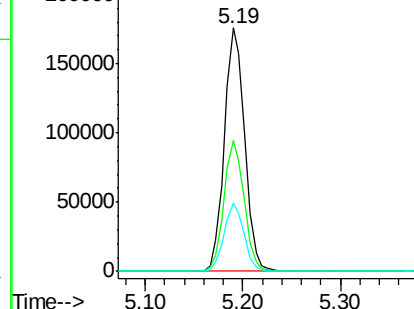
Tgt Ion:	112	Resp:	252427
Ion	Ratio	Lower	Upper
112	100		
64	53.9	45.4	68.0
63	28.1	25.3	37.9



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: 27.78 ng

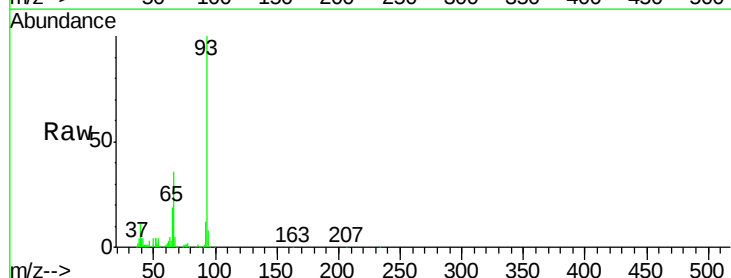
RT: 6.92 min Scan# 720

Delta R.T. -0.01 min

Lab File: BG017951.D

Acq: 18 Jul 2015 7:39

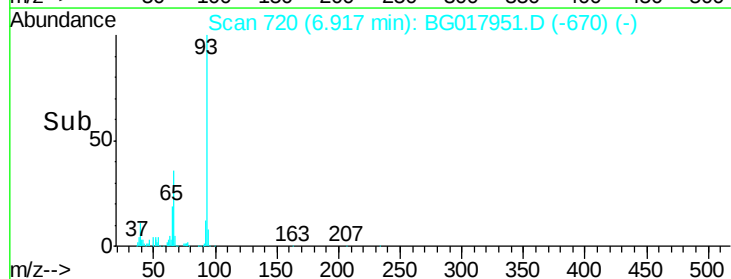
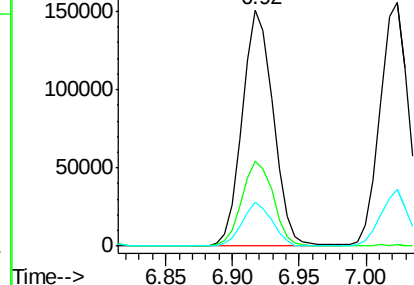
Tgt Ion:	93	Resp:	242811
Ion	Ratio	Lower	Upper
93	100		
66	36.2	32.7	49.1
65	18.6	17.0	25.6

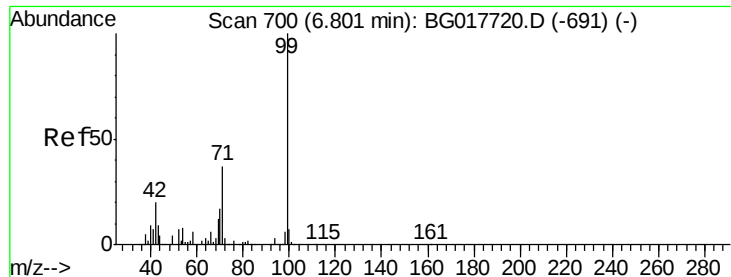


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 32.81 ng

RT: 6.76 min Scan# 694

Delta R.T. -0.00 min

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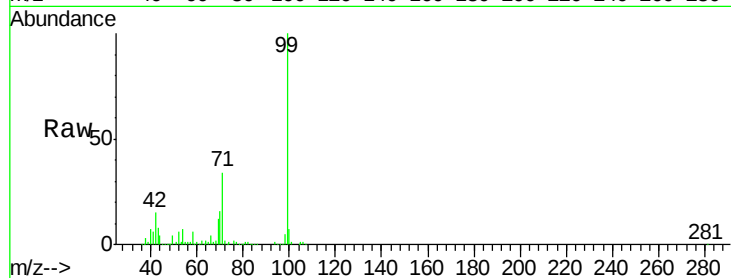
Tgt Ion: 99 Resp: 215070

Ion Ratio Lower Upper

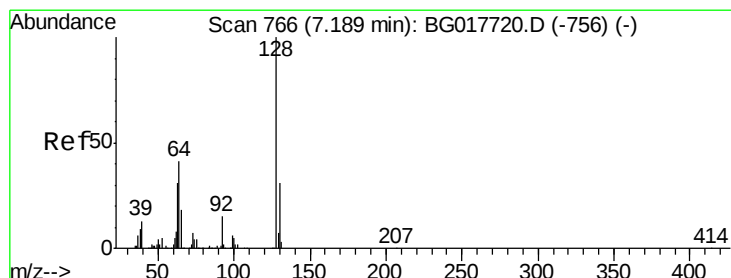
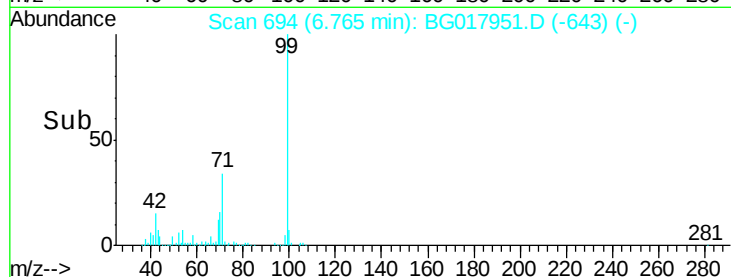
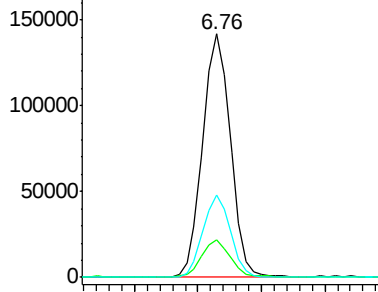
99 100

42 15.2 16.2 24.4#

71 33.7 29.5 44.3



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: 33.08 ng

RT: 7.15 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG017951.D

Acq: 18 Jul 2015 7:39

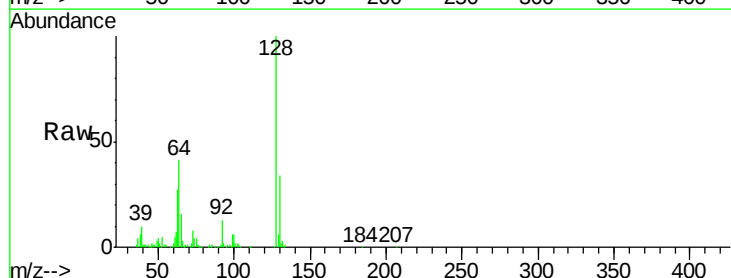
Tgt Ion: 128 Resp: 195120

Ion Ratio Lower Upper

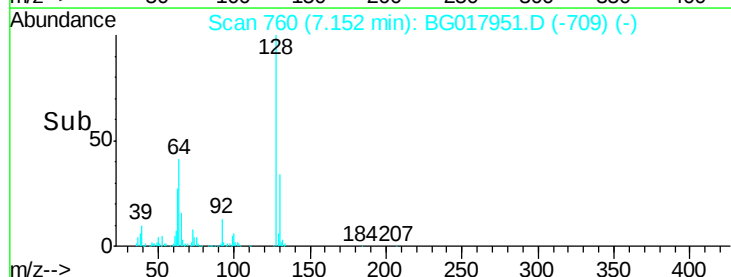
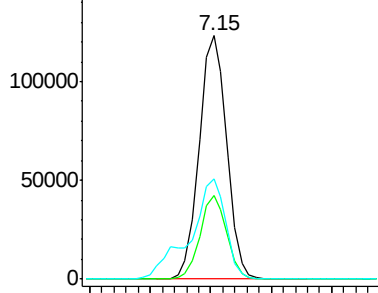
128 100

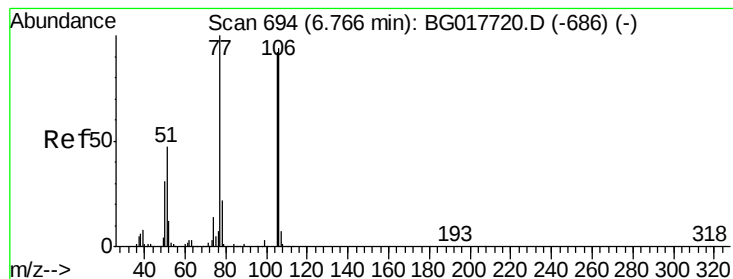
130 34.2 11.1 51.1

64 41.0 21.4 61.4



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





#9

Benzaldehyde

Concen: 22.78 ng

RT: 6.74 min Scan# 689

Delta R.T. -0.00 min

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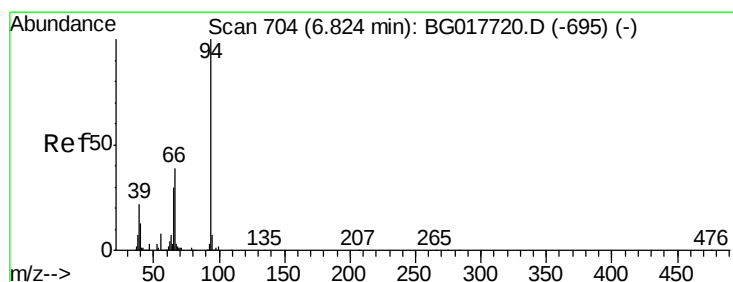
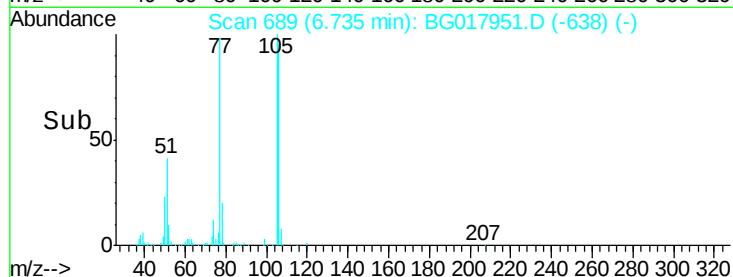
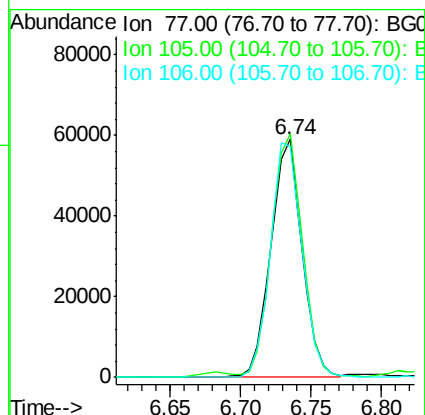
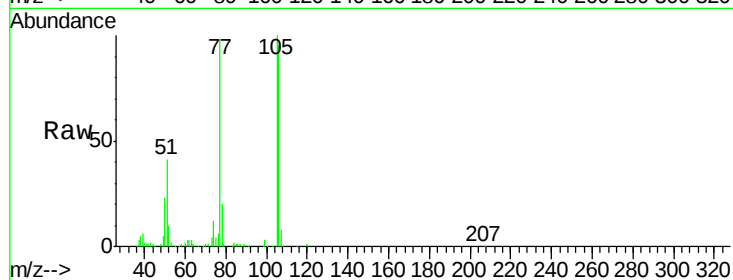
Tgt Ion: 77 Resp: 91503

Ion Ratio Lower Upper

77 100

105 102.2 71.8 111.8

106 96.6 74.5 114.5



#10

Phenol

Concen: 12.43 ng

RT: 6.79 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG017951.D

Acq: 18 Jul 2015 7:39

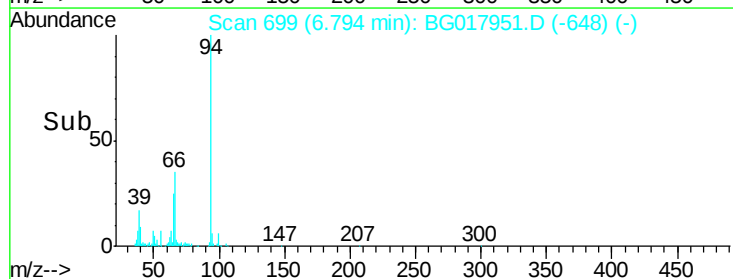
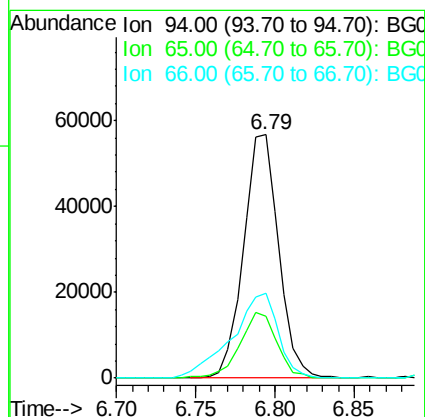
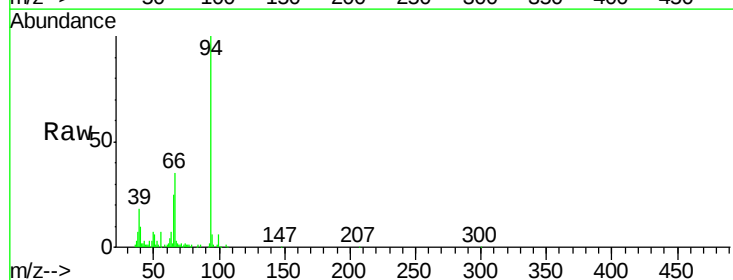
Tgt Ion: 94 Resp: 86964

Ion Ratio Lower Upper

94 100

65 25.2 9.9 49.9

66 35.0 19.4 59.4

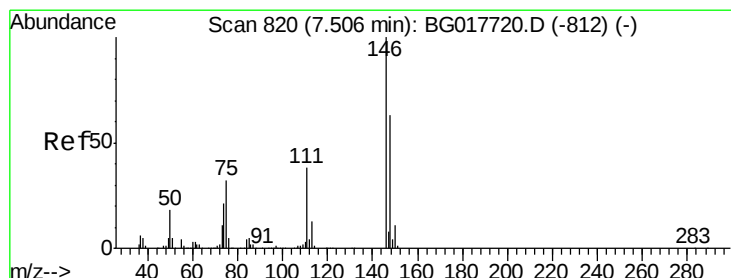
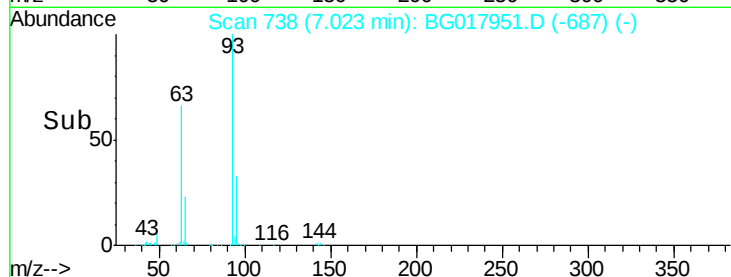
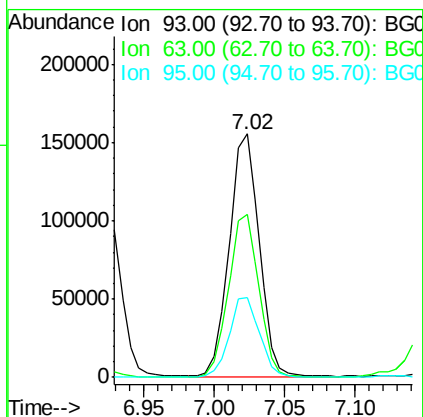
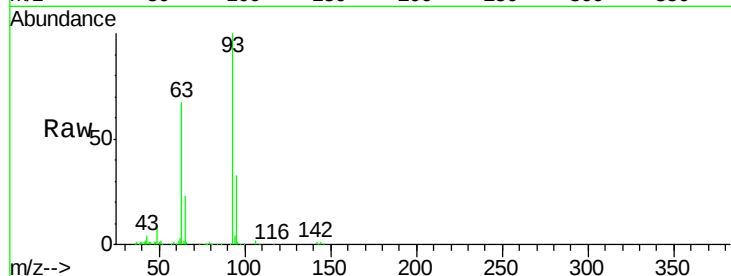




#11
bis(2-Chloroethyl)ether
Concen: 42.39 ng
RT: 7.02 min Scan# 738
Delta R.T. -0.00 min
Lab File: BG017951.D
Acq: 18 Jul 2015 7:39

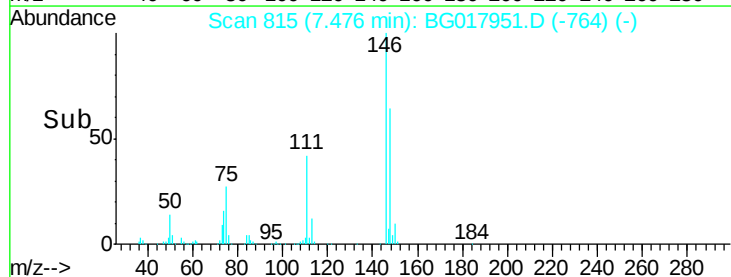
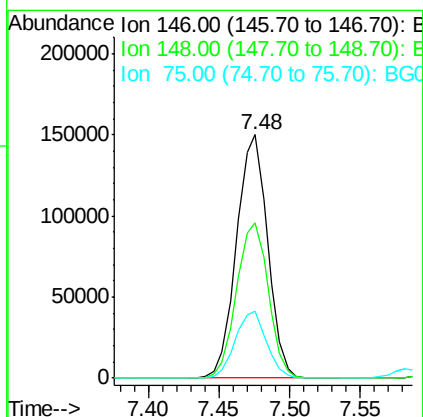
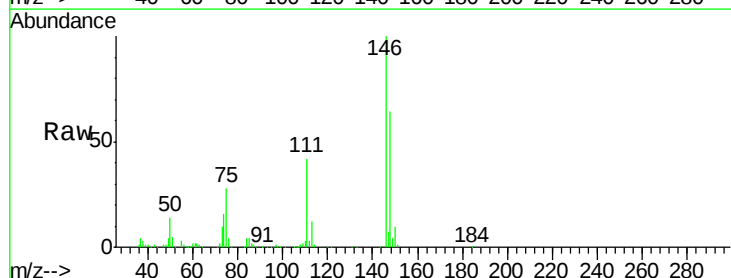
Instrument :
BNA_G
ClientSampleId :
S-2(8.0-8.5)MSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	66.7	54.7	94.7
95	32.9	13.2	53.2



#12
1,3-Dichlorobenzene
Concen: 35.54 ng
RT: 7.48 min Scan# 815
Delta R.T. -0.00 min
Lab File: BG017951.D
Acq: 18 Jul 2015 7:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.8	76.2
75	27.6	25.8	38.6

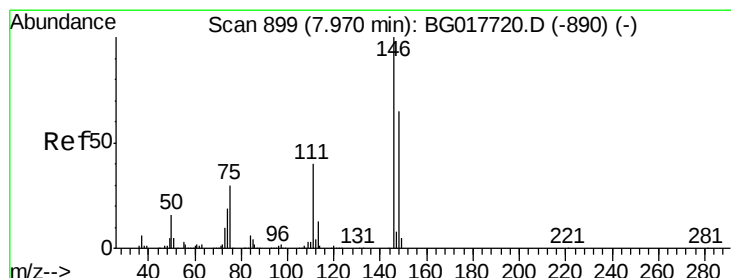
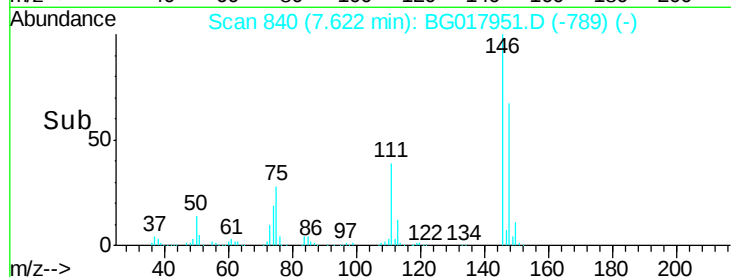
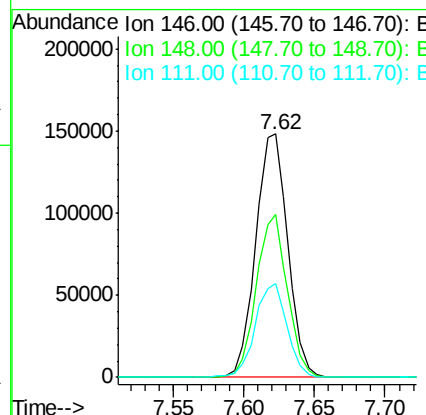
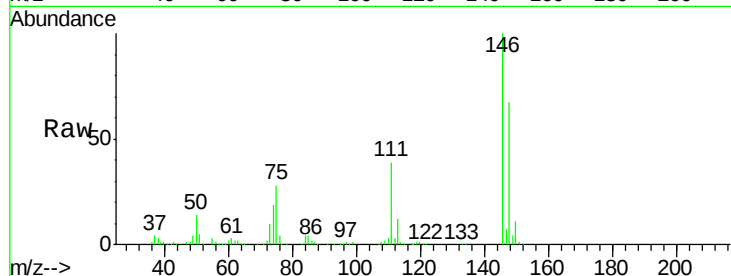




#13
 1,4-Dichlorobenzene
 Concen: 35.60 ng
 RT: 7.62 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BG017951.D
 Acq: 18 Jul 2015 7:39

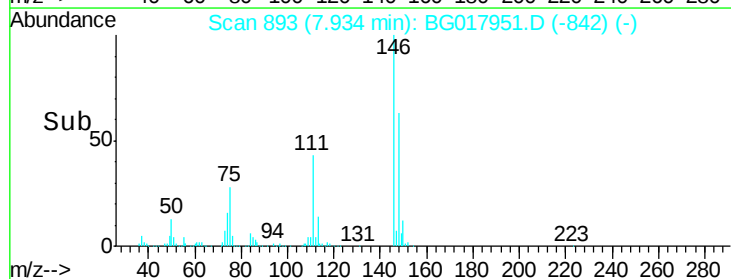
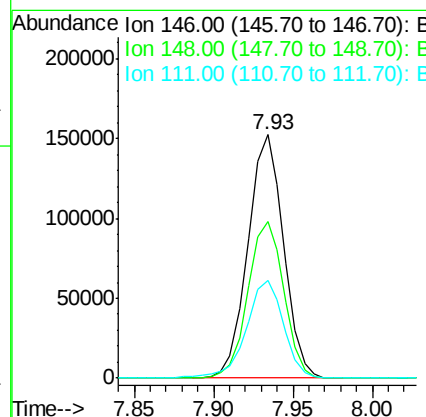
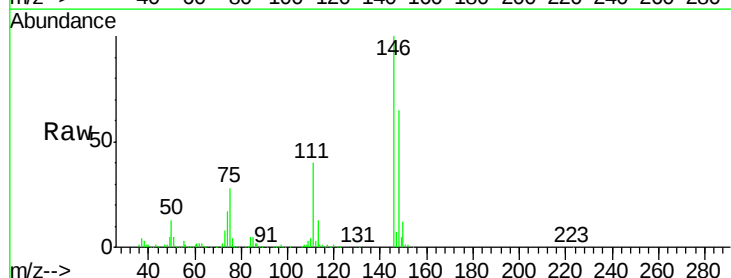
Instrument :
 BNA_G
 ClientSampleId :
 S-2(8.0-8.5)MSD

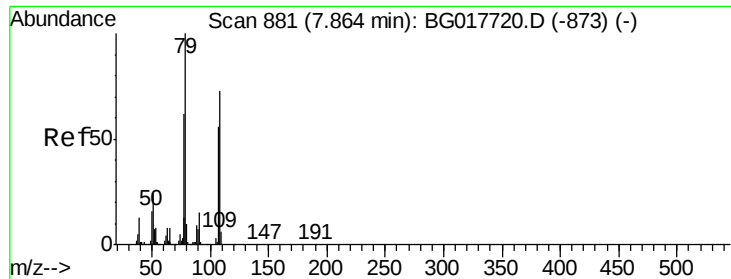
Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.9	51.8	77.6
111	38.7	31.0	46.4



#14
 1,2-Dichlorobenzene
 Concen: 37.39 ng
 RT: 7.93 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: BG017951.D
 Acq: 18 Jul 2015 7:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.2	78.4
111	40.2	32.3	48.5





#15

Benzyl Alcohol

Concen: 28.91 ng

RT: 7.83 min Scan# 875

Delta R.T. -0.00 min

Lab File: BG017951.D

Acq: 18 Jul 2015 7:39

Instrument :

BNA_G

ClientSampleId :

S-2(8.0-8.5)MSD

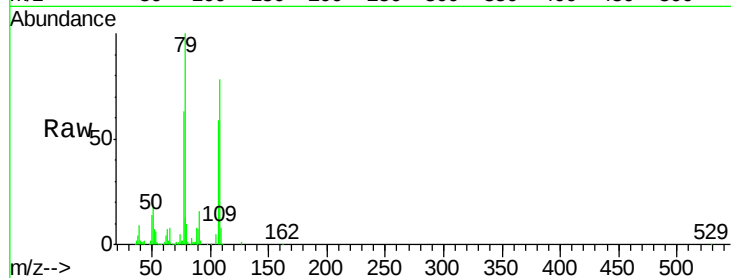
Tgt Ion: 79 Resp: 140165

Ion Ratio Lower Upper

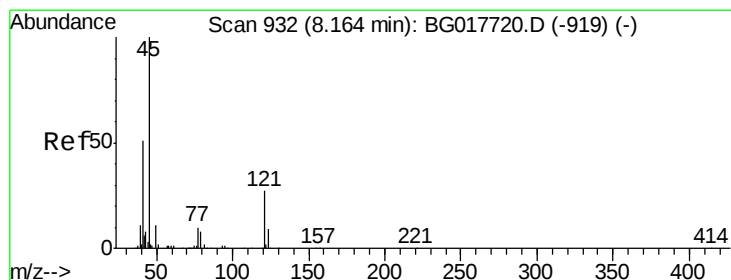
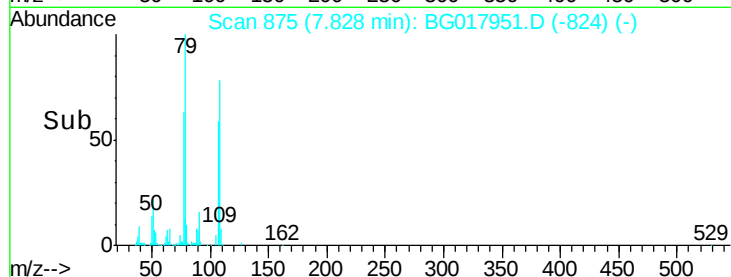
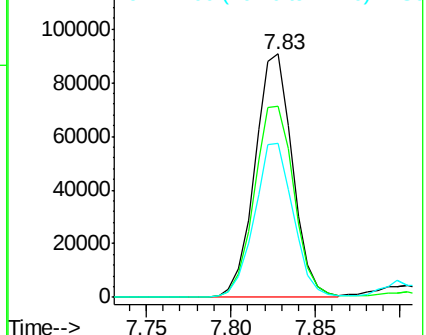
79 100

108 78.3 58.4 87.6

77 63.3 49.9 74.9



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.91 ng

RT: 8.13 min Scan# 926

Delta R.T. 0.01 min

Lab File: BG017951.D

Acq: 18 Jul 2015 7:39

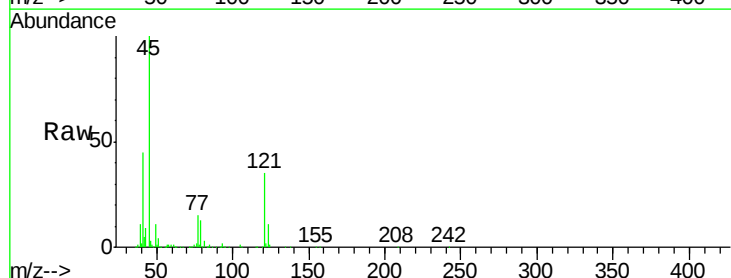
Tgt Ion: 45 Resp: 269675

Ion Ratio Lower Upper

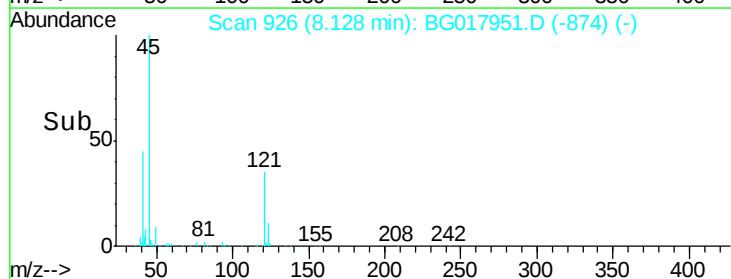
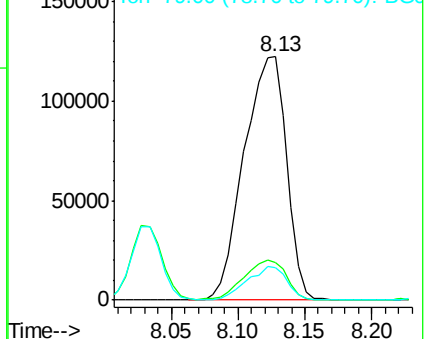
45 100

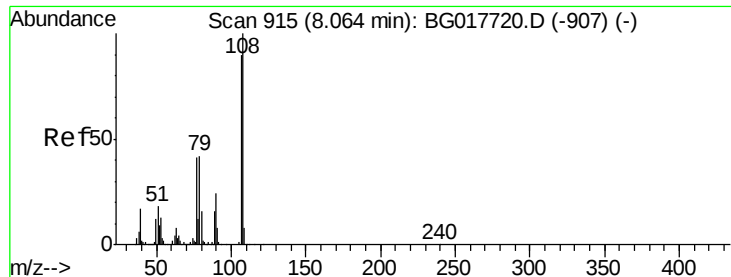
77 15.5 0.0 33.9

79 13.2 0.0 31.4



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

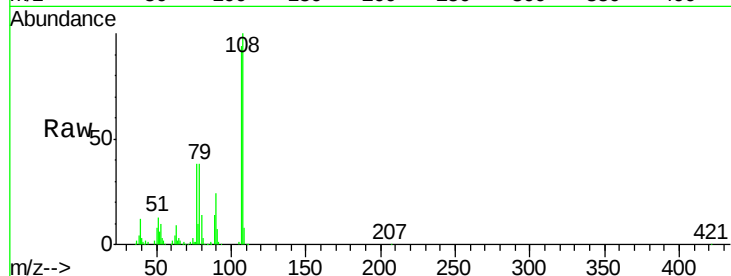




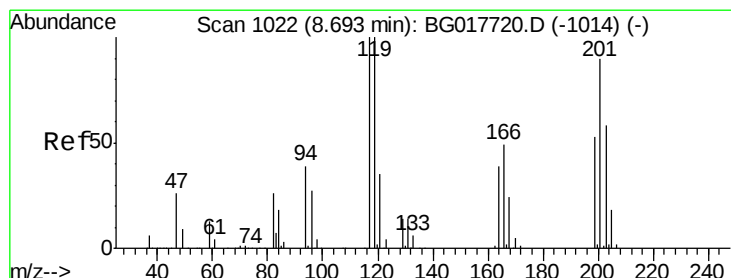
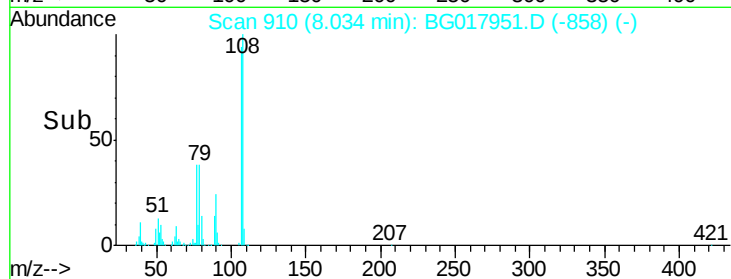
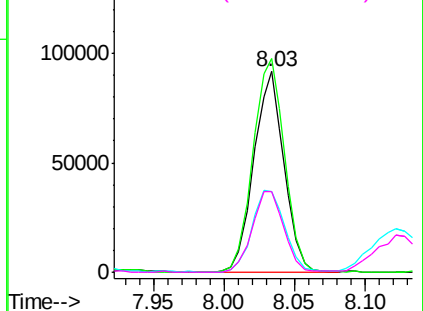
#17
2-Methylphenol
Concen: 28.35 ng
RT: 8.03 min Scan# 910
Delta R.T. 0.01 min
Lab File: BG017951.D
Acq: 18 Jul 2015 7:39

Instrument :
BNA_G
ClientSampleId :
S-2(8.0-8.5)MSD

Tgt Ion	Ratio	Lower	Upper
107	100		
108	106.5	89.3	133.9
77	40.4	36.9	55.3
79	40.1	37.6	56.4

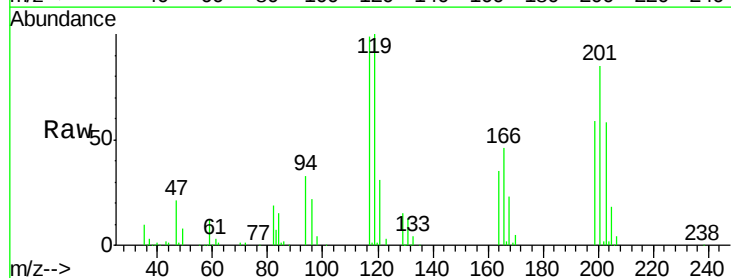


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

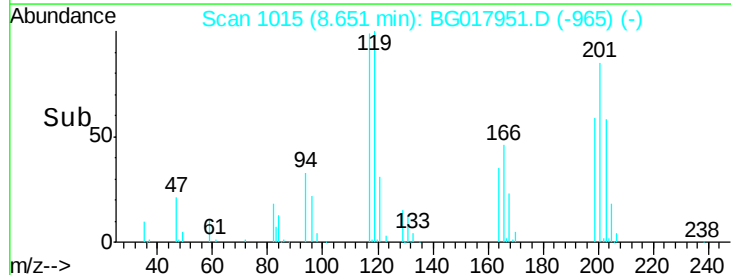
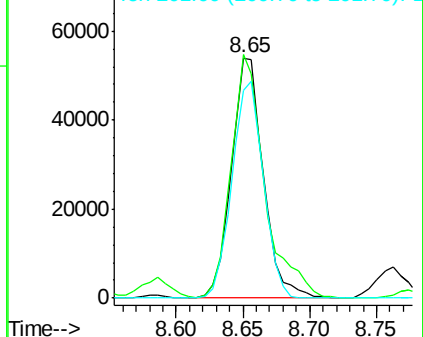


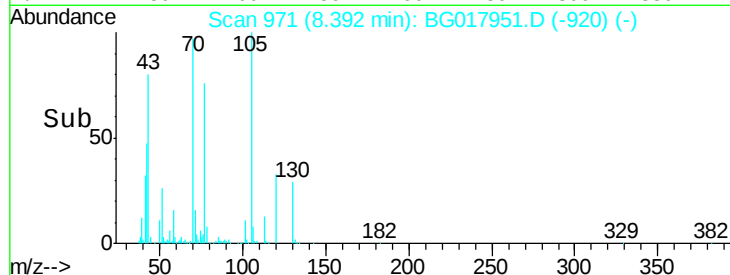
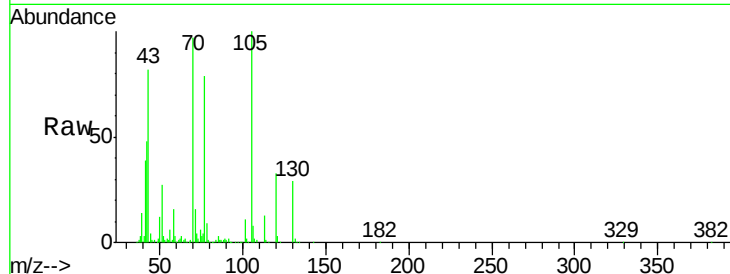
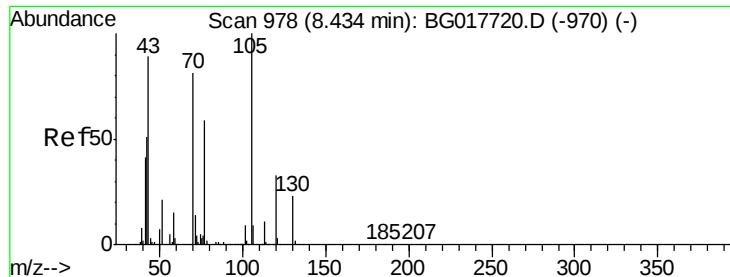
#18
Hexachloroethane
Concen: 35.76 ng
RT: 8.65 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG017951.D
Acq: 18 Jul 2015 7:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	101.5	80.1	120.1
201	86.6	71.9	107.9



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

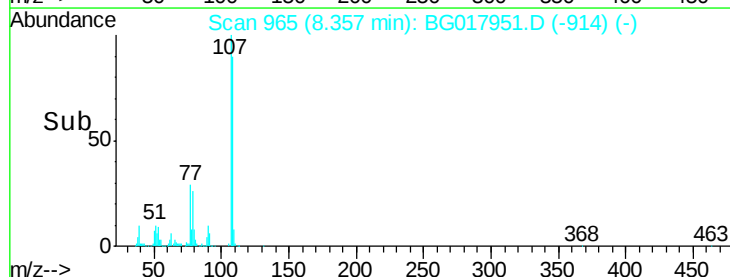
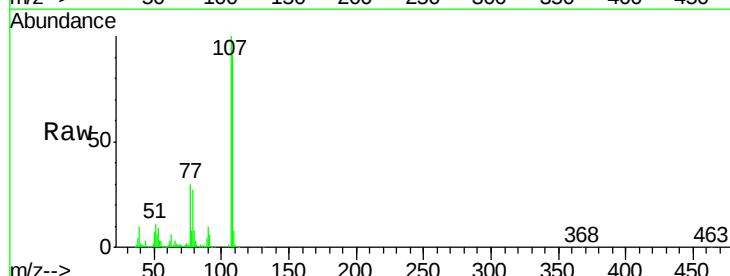
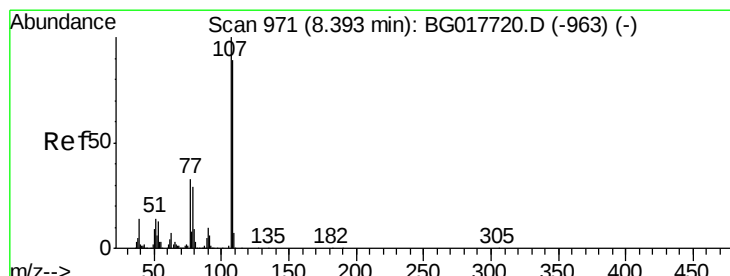
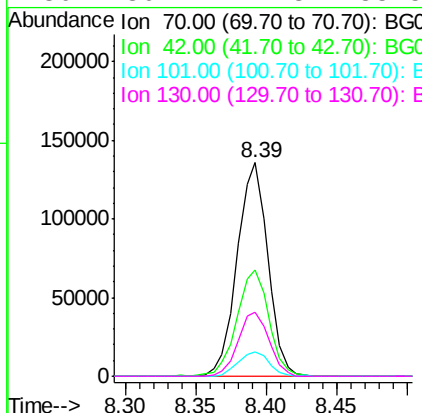




#19
n-Nitroso-di-n-propylamine
Concen: 43.03 ng
RT: 8.39 min Scan# 971
Delta R.T. -0.00 min
Lab File: BG017951.D
Acq: 18 Jul 2015 7:39

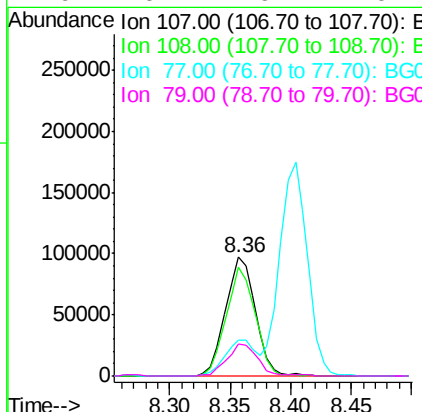
Instrument :
BNA_G
ClientSampleId :
S-2(8.0-8.5)MSD

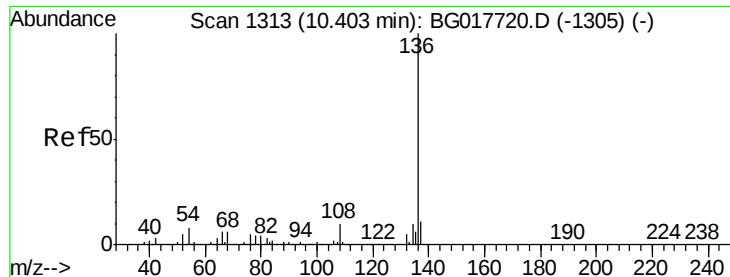
Tgt Ion: 70 Resp: 205931
Ion Ratio Lower Upper
70 100
42 49.5 50.8 76.2#
101 11.5 8.7 13.1
130 30.2 22.3 33.5



#20
3+4-Methylphenols
Concen: 25.46 ng
RT: 8.36 min Scan# 965
Delta R.T. -0.00 min
Lab File: BG017951.D
Acq: 18 Jul 2015 7:39

Tgt Ion: 107 Resp: 168053
Ion Ratio Lower Upper
107 100
108 91.2 69.6 109.6
77 30.1 13.0 53.0
79 26.7 9.7 49.7

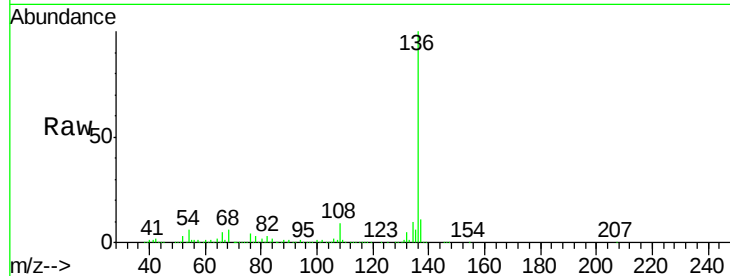




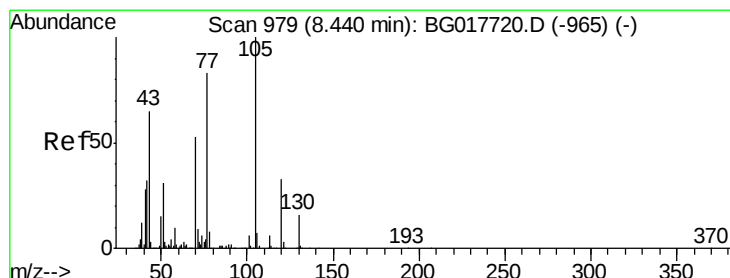
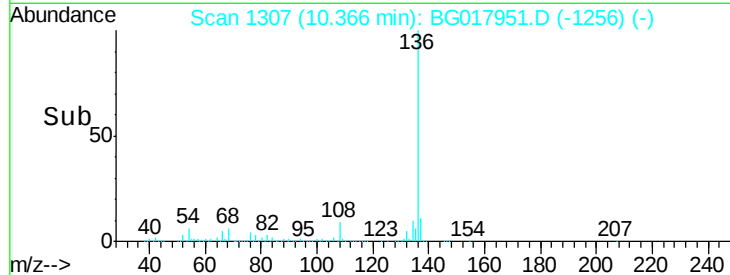
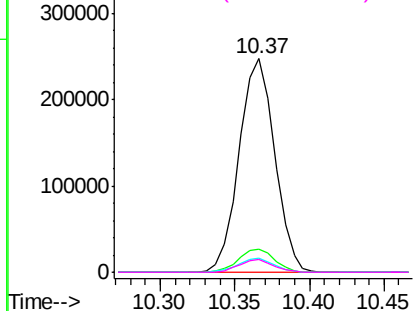
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.37 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG017951.D
Acq: 18 Jul 2015 7:39

Instrument :
BNA_G
ClientSampleId :
S-2(8.0-8.5)MSD

Tgt Ion:	136	Resp:	409878
Ion Ratio		Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.4	6.6	9.8#
68	5.7	5.1	7.7

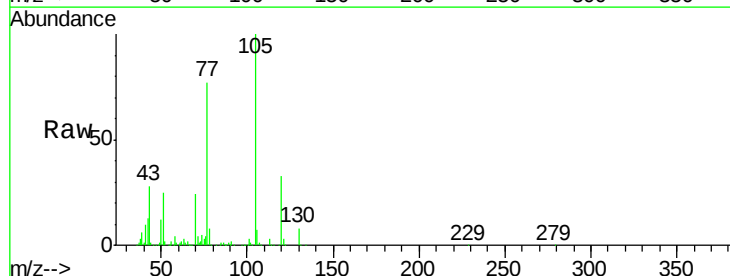


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

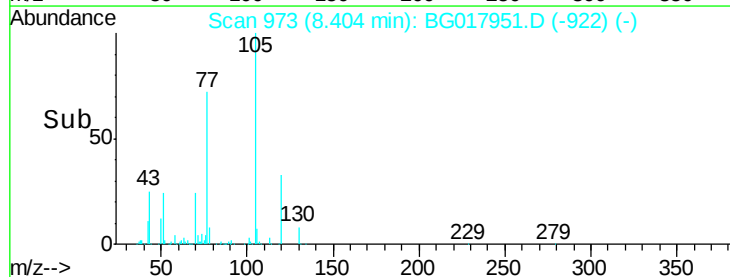
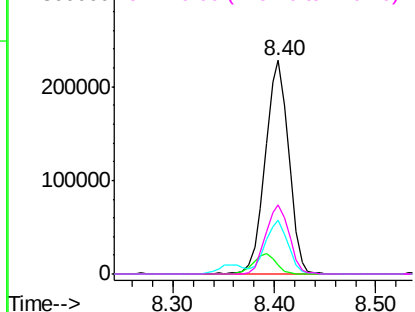


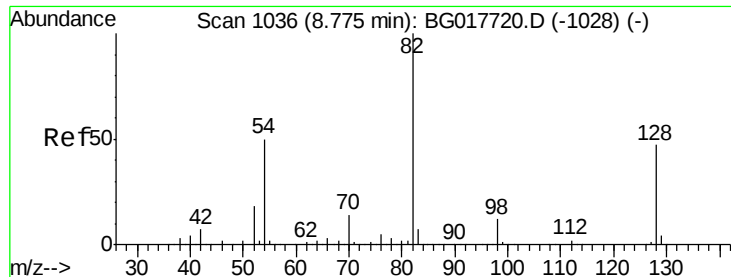
#22
Acetophenone
Concen: 41.40 ng
RT: 8.40 min Scan# 973
Delta R.T. -0.00 min
Lab File: BG017951.D
Acq: 18 Jul 2015 7:39

Tgt Ion:	105	Resp:	366513
Ion Ratio		Lower	Upper
105	100		
71	4.2	7.7	11.5#
51	24.9	24.9	37.3
120	32.6	26.2	39.4



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

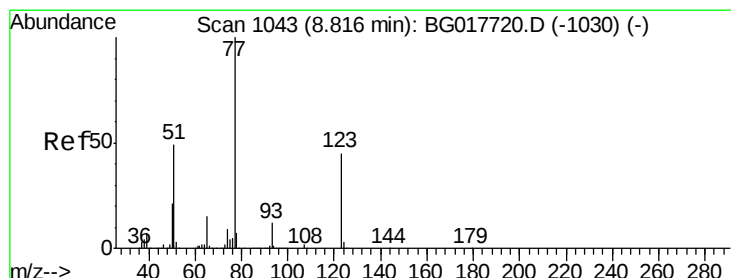
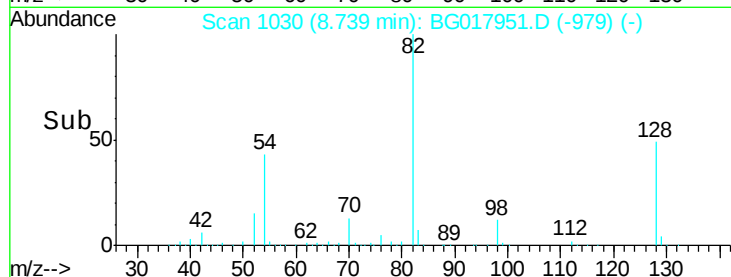
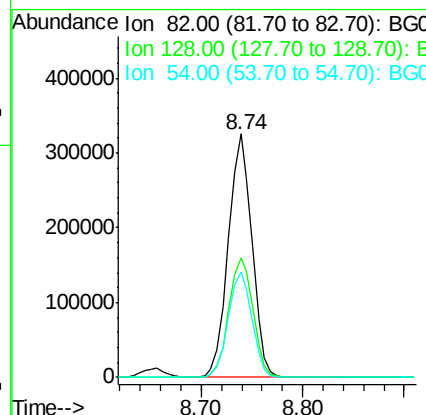
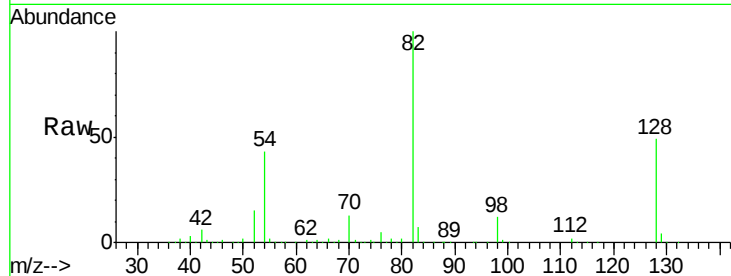




#23
 Nitrobenzene-d5
 Concen: 82.79 ng
 RT: 8.74 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BG017951.D
 Acq: 18 Jul 2015 7:39

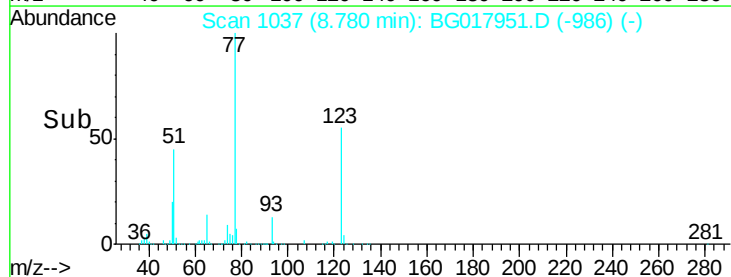
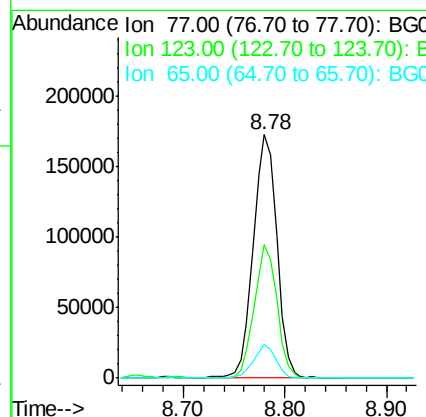
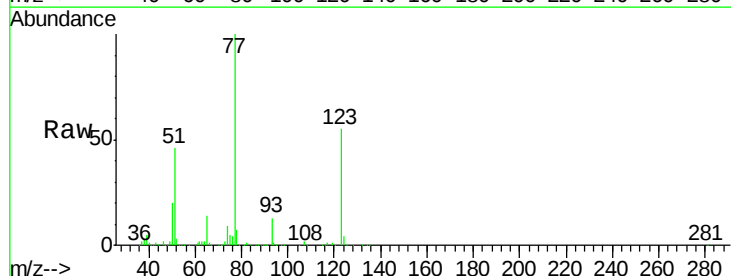
Instrument :
 BNA_G
 ClientSampleId :
 S-2(8.0-8.5)MSD

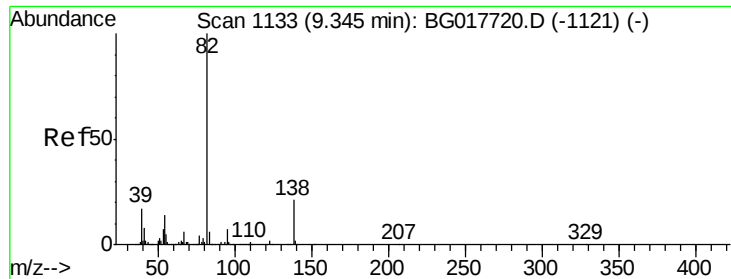
Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.8	37.8	56.6
54	43.2	39.9	59.9



#24
 Nitrobenzene
 Concen: 41.38 ng
 RT: 8.78 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BG017951.D
 Acq: 18 Jul 2015 7:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	54.7	36.2	54.2#
65	13.8	11.7	17.5

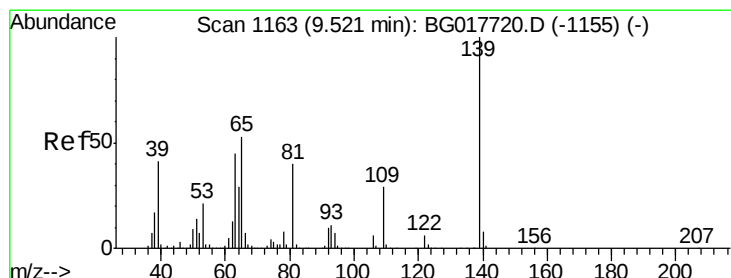
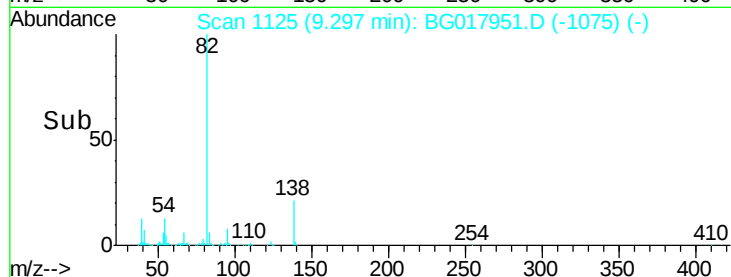
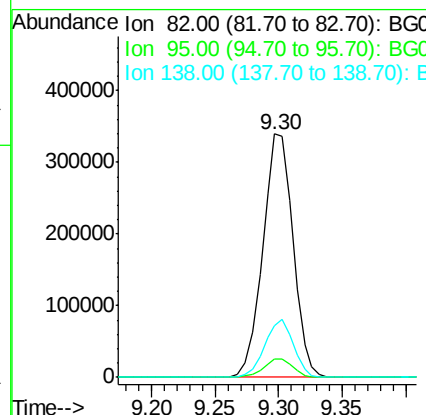
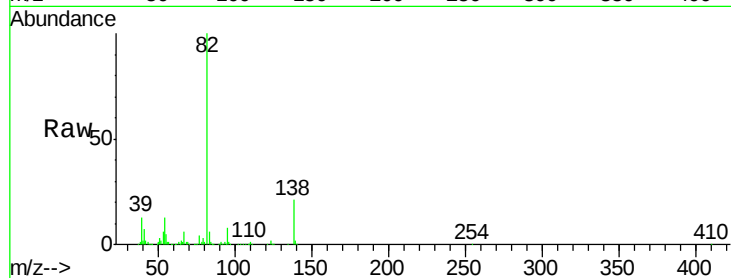




#25
Isophorone
Concen: 42.50 ng
RT: 9.30 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BG017951.D
Acq: 18 Jul 2015 7:39

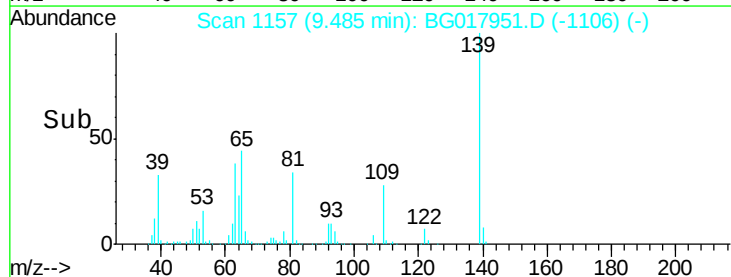
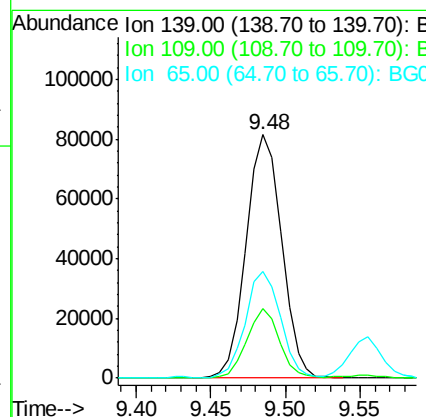
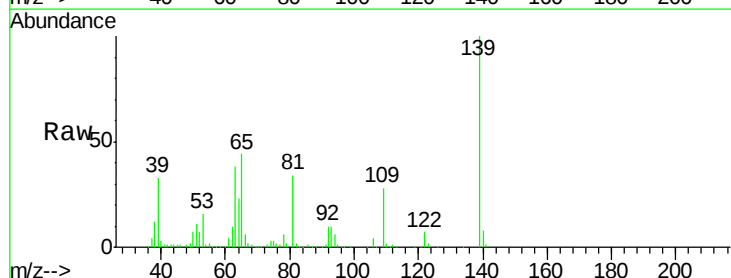
Instrument :
BNA_G
ClientSampleId :
S-2(8.0-8.5)MSD

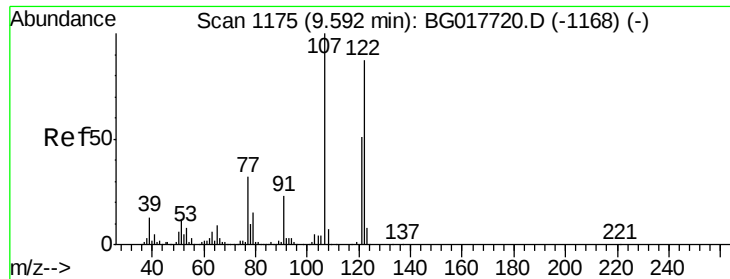
Tgt Ion: 82 Resp: 564066
Ion Ratio Lower Upper
82 100
95 7.6 5.8 8.8
138 21.2 17.0 25.6



#26
2-Nitrophenol
Concen: 41.65 ng
RT: 9.48 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BG017951.D
Acq: 18 Jul 2015 7:39

Tgt Ion: 139 Resp: 134005
Ion Ratio Lower Upper
139 100
109 28.4 23.0 34.4
65 43.8 42.0 63.0





#27

2,4-Dimethylphenol

Concen: 37.99 ng

RT: 9.56 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BG017951.D

Acq: 18 Jul 2015 7:39

Instrument :

BNA_G

ClientSampleId :

S-2(8.0-8.5)MSD

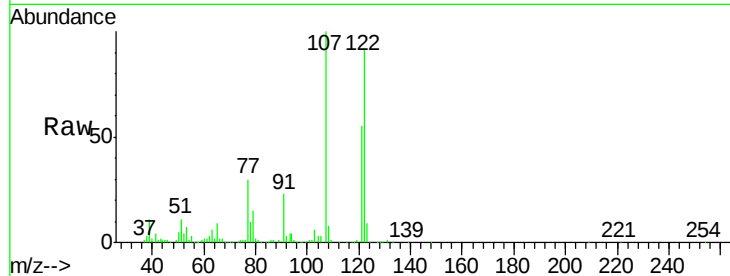
Tgt Ion:122 Resp: 222323

Ion Ratio Lower Upper

122 100

107 108.4 92.2 138.2

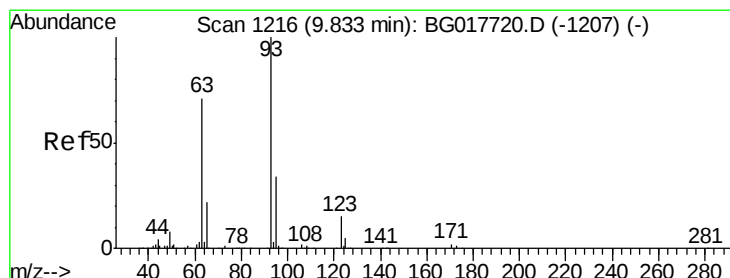
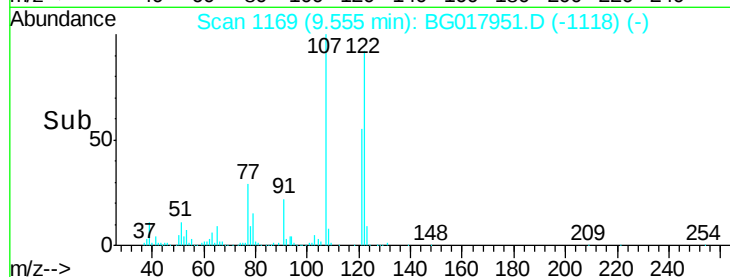
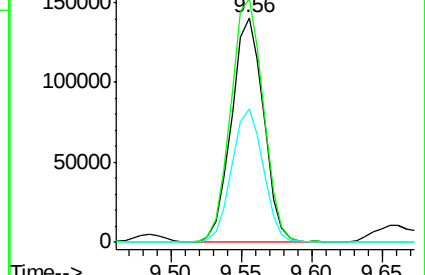
121 59.2 46.5 69.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.38 ng

RT: 9.79 min Scan# 1209

Delta R.T. -0.00 min

Lab File: BG017951.D

Acq: 18 Jul 2015 7:39

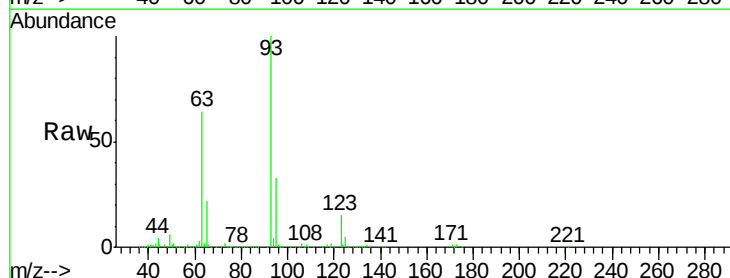
Tgt Ion: 93 Resp: 320829

Ion Ratio Lower Upper

93 100

95 33.2 26.9 40.3

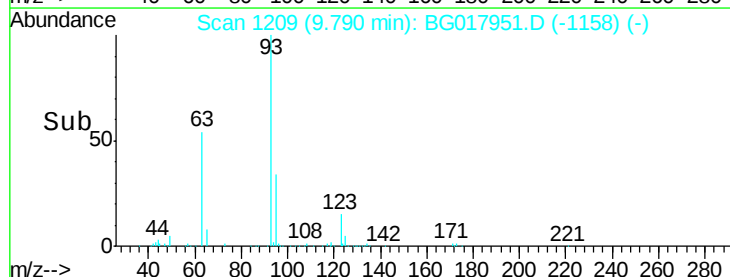
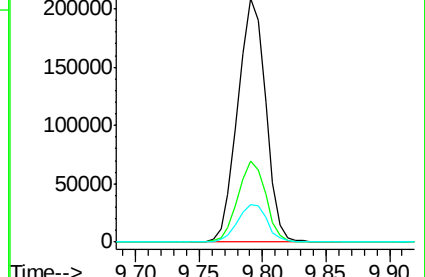
123 15.4 12.0 18.0

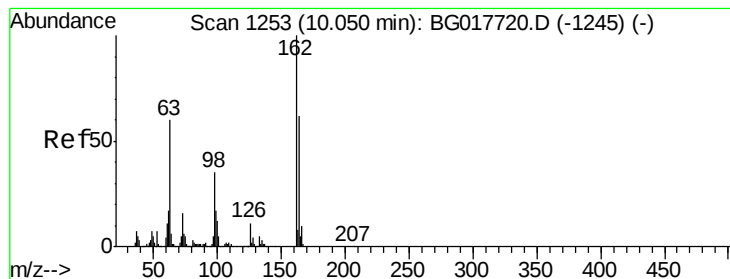


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 42.99 ng

RT: 10.01 min Scan# 1247

Delta R.T. -0.00 min

Lab File: BG017951.D

Acq: 18 Jul 2015 7:39

Instrument :

BNA_G

ClientSampleId :

S-2(8.0-8.5)MSD

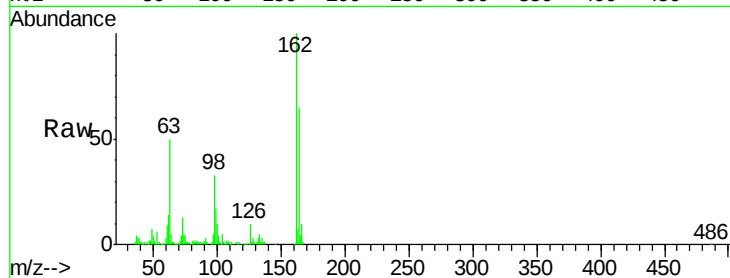
Tgt Ion:162 Resp: 224116

Ion Ratio Lower Upper

162 100

164 65.1 42.5 82.5

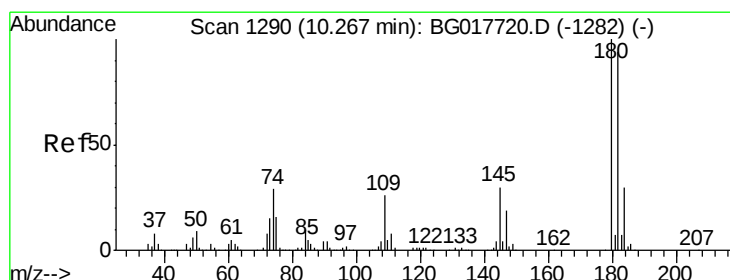
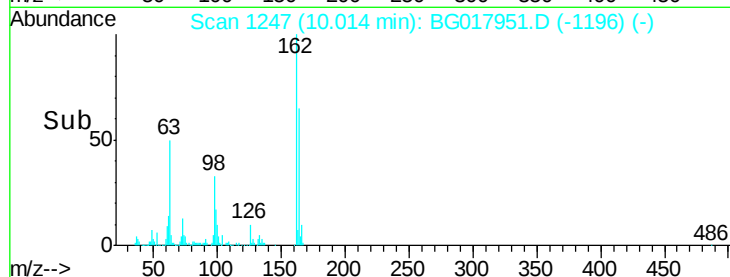
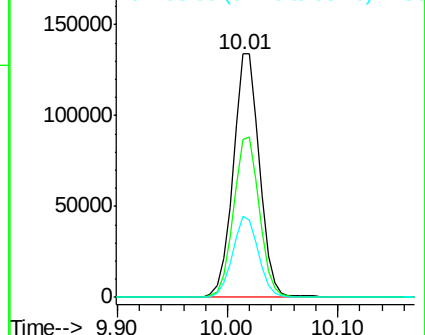
98 33.1 15.1 55.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 37.75 ng

RT: 10.23 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BG017951.D

Acq: 18 Jul 2015 7:39

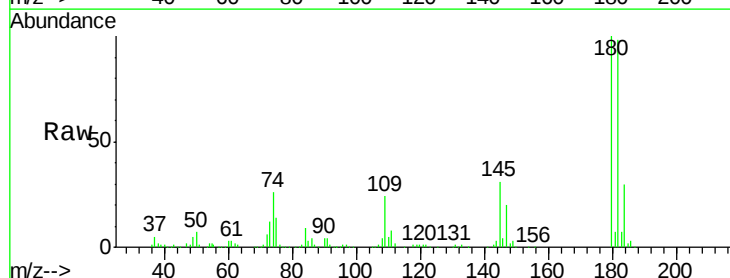
Tgt Ion:180 Resp: 233850

Ion Ratio Lower Upper

180 100

182 97.8 75.2 112.8

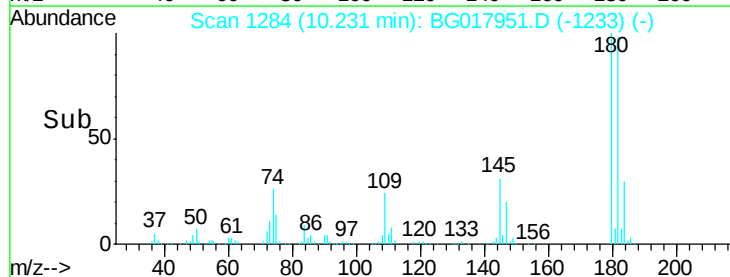
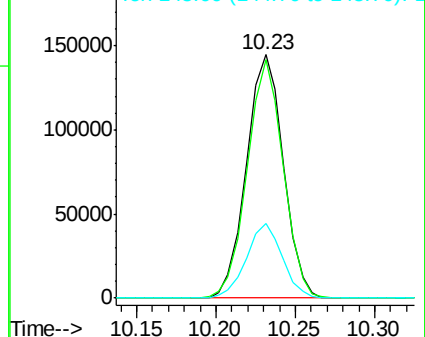
145 30.8 24.1 36.1



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

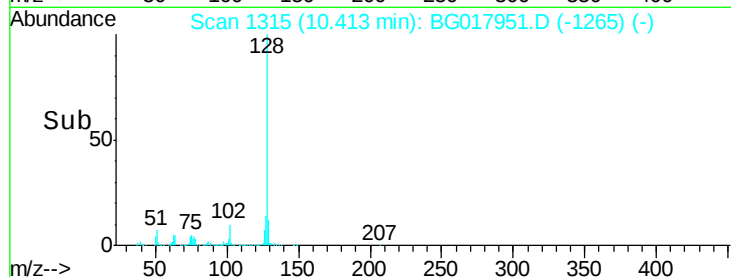
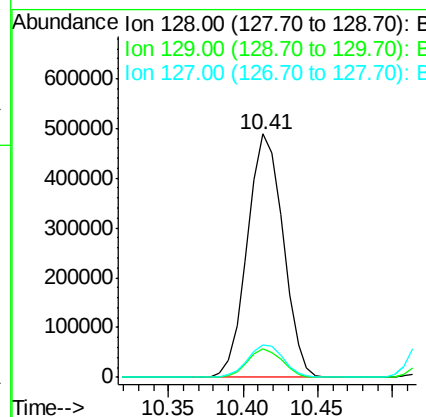
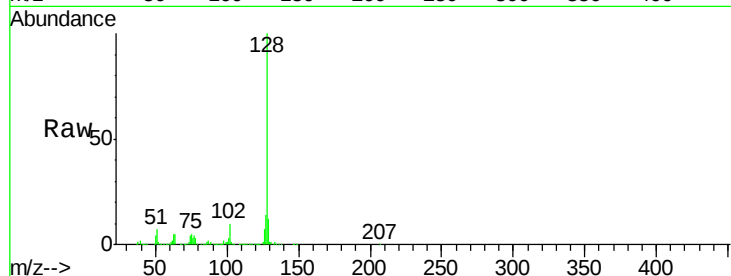




#31
Naphthalene
Concen: 40.34 ng
RT: 10.41 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG017951.D
Acq: 18 Jul 2015 7:39

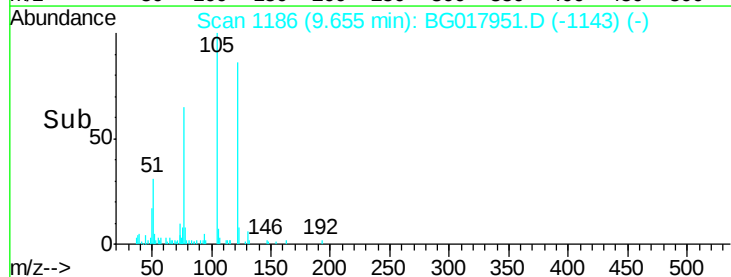
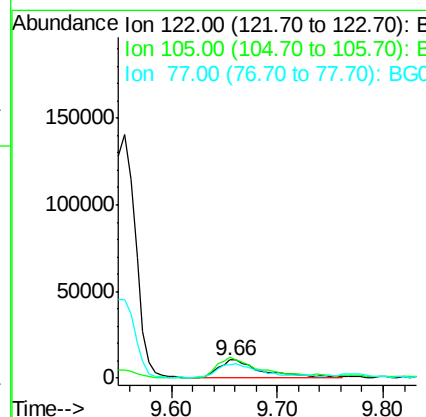
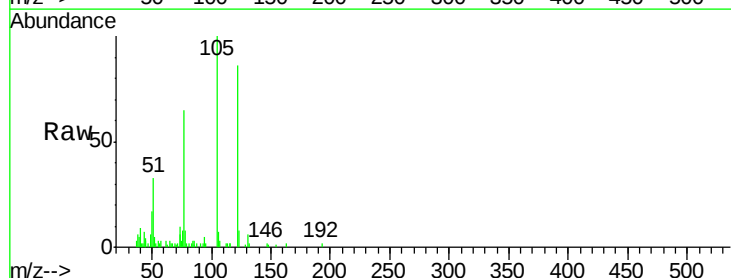
Instrument :
BNA_G
ClientSampleId :
S-2(8.0-8.5)MSD

Tgt Ion:128 Resp: 809242
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.6
127 13.6 10.7 16.1



#32
Benzoic acid
Concen: 21.16 ng
RT: 9.66 min Scan# 1186
Delta R.T. -0.05 min
Lab File: BG017951.D
Acq: 18 Jul 2015 7:39

Tgt Ion:122 Resp: 29393
Ion Ratio Lower Upper
122 100
105 116.6 111.3 151.3
77 75.9 75.2 115.2

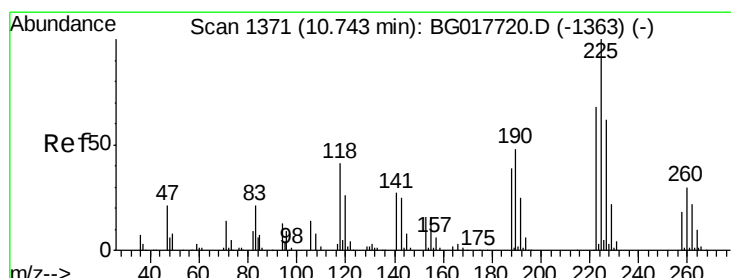
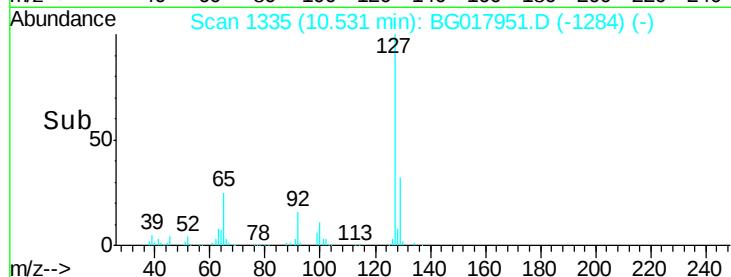
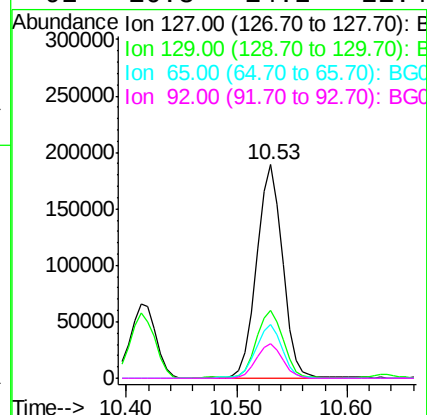
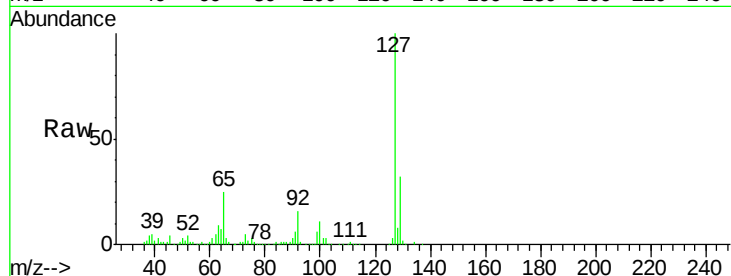




#33
4-Chloroaniline
Concen: 34.83 ng
RT: 10.53 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BG017951.D
Acq: 18 Jul 2015 7:39

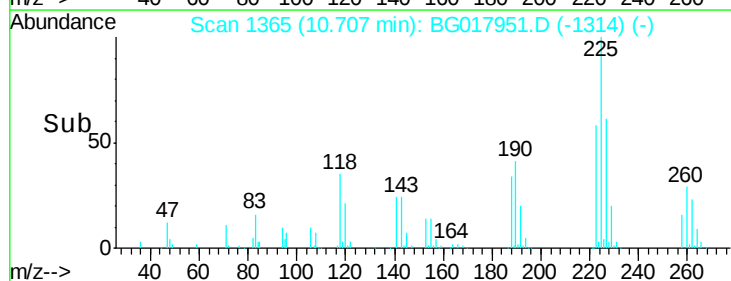
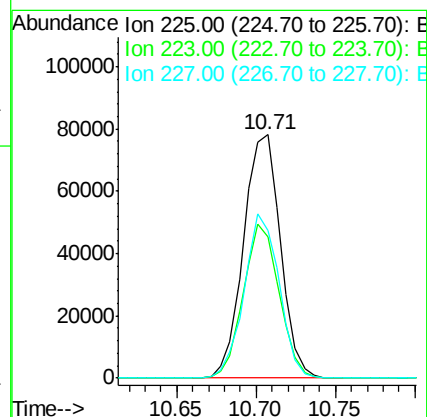
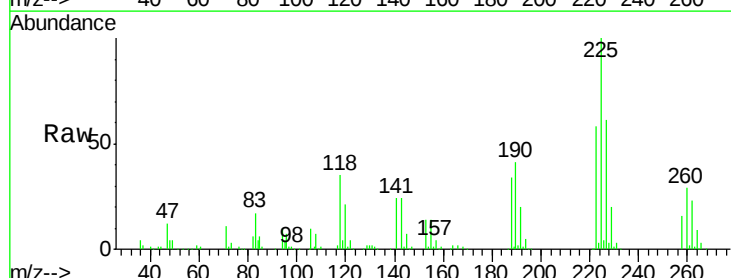
Instrument :
BNA_G
ClientSampleId :
S-2(8.0-8.5)MSD

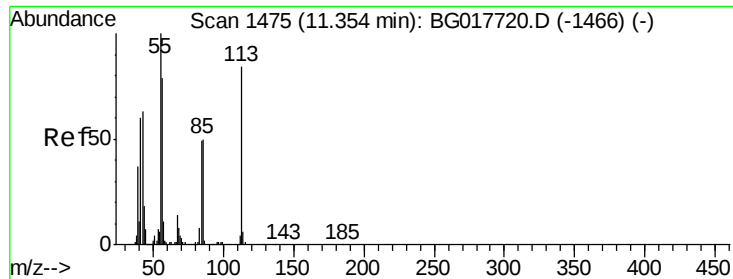
Tgt Ion:	127	Resp:	311396
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.7	40.1
65	25.3	24.6	37.0
92	16.3	14.2	21.4



#34
Hexachlorobutadiene
Concen: 36.22 ng
RT: 10.71 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG017951.D
Acq: 18 Jul 2015 7:39

Tgt Ion:	225	Resp:	126418
Ion	Ratio	Lower	Upper
225	100		
223	57.7	54.3	81.5
227	60.9	49.4	74.0

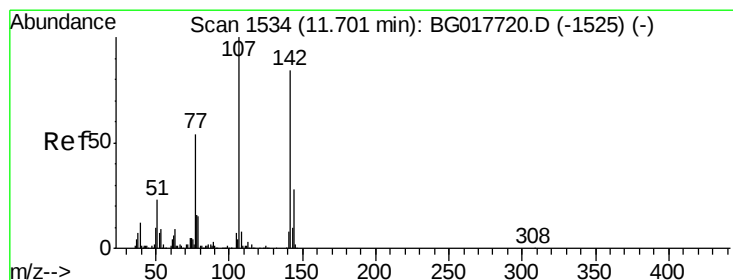
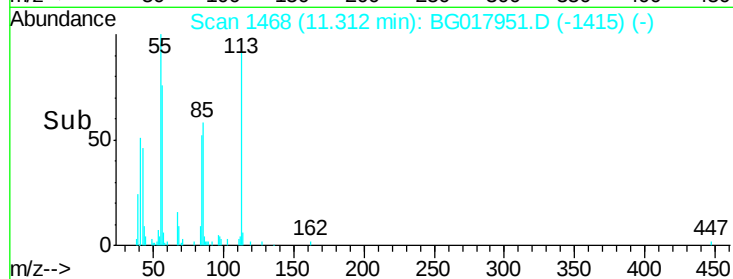
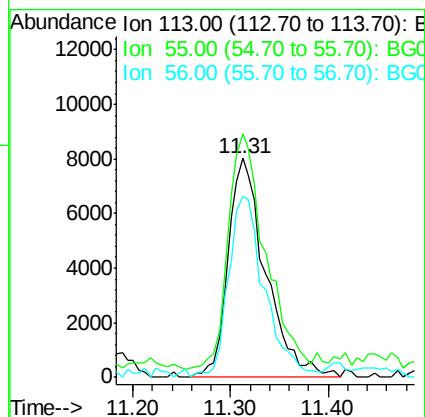
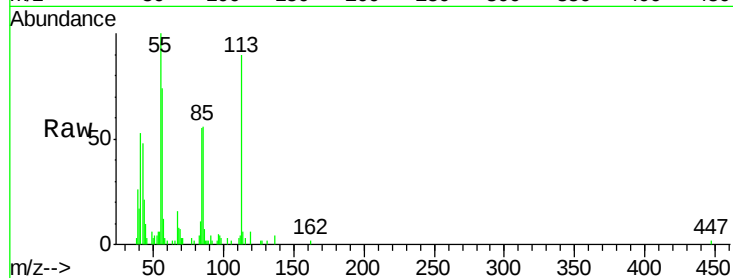




#35
 Caprolactam
 Concen: 8.10 ng
 RT: 11.31 min Scan# 1468
 Delta R.T. 0.01 min
 Lab File: BG017951.D
 Acq: 18 Jul 2015 7:39

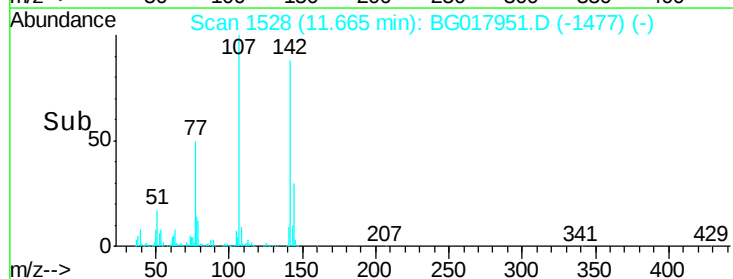
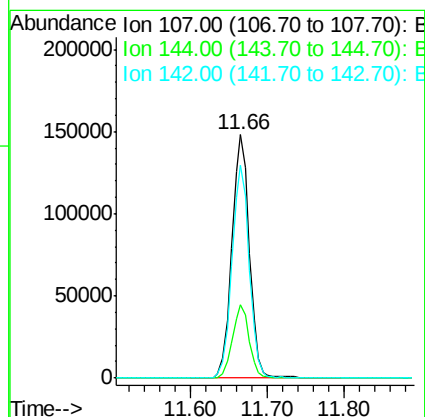
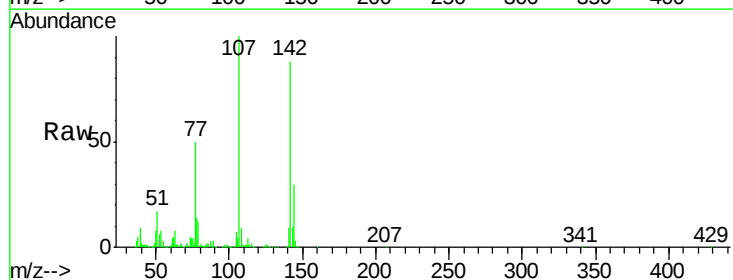
Instrument :
 BNA_G
 ClientSampleId :
 S-2(8.0-8.5)MSD

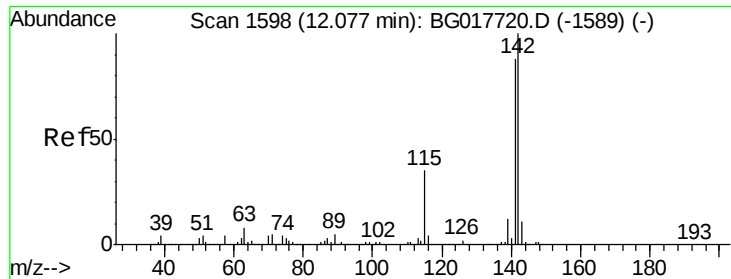
Tgt Ion:113 Resp: 21463
 Ion Ratio Lower Upper
 113 100
 55 111.1 100.8 140.8
 56 82.8 75.5 115.5



#36
 4-Chloro-3-methylphenol
 Concen: 39.89 ng
 RT: 11.66 min Scan# 1528
 Delta R.T. -0.00 min
 Lab File: BG017951.D
 Acq: 18 Jul 2015 7:39

Tgt Ion:107 Resp: 236084
 Ion Ratio Lower Upper
 107 100
 144 30.0 22.2 33.4
 142 87.6 67.1 100.7

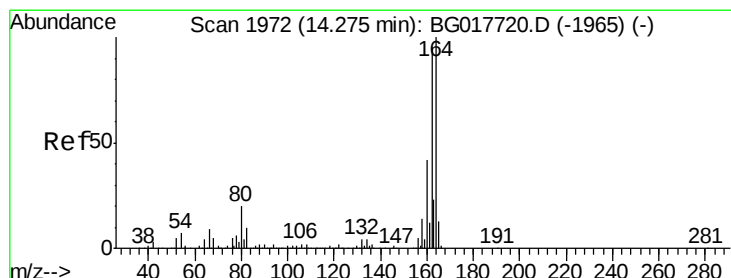
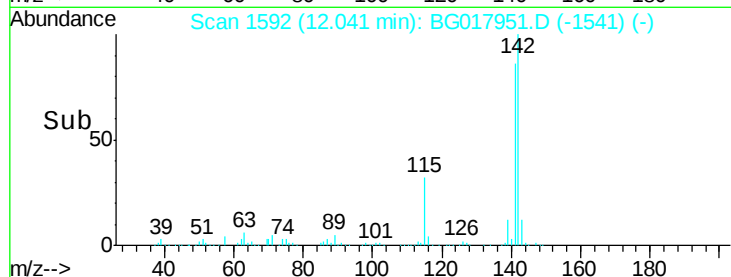
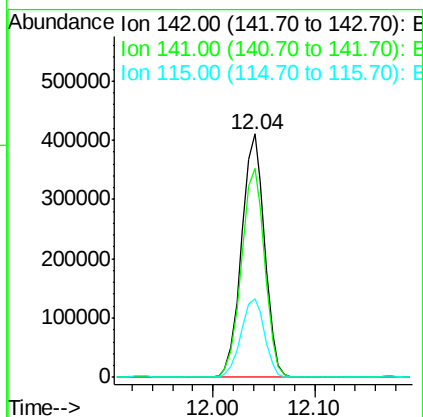
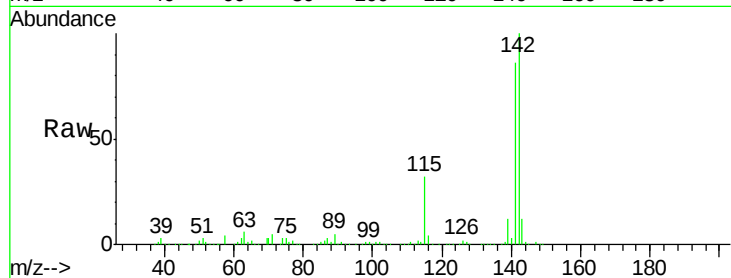




#37
2-Methylnaphthalene
Concen: 44.87 ng
RT: 12.04 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BG017951.D
Acq: 18 Jul 2015 7:39

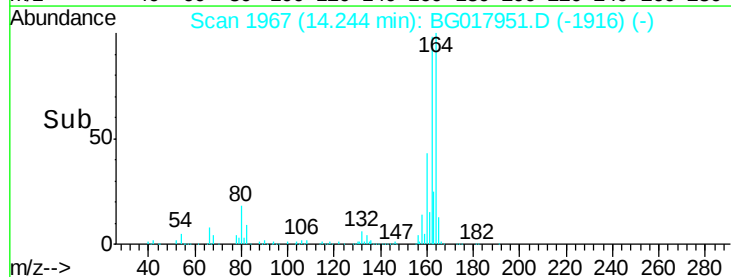
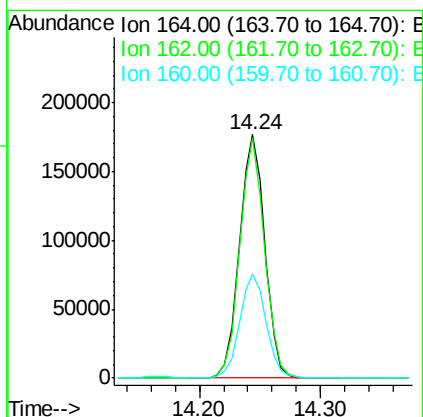
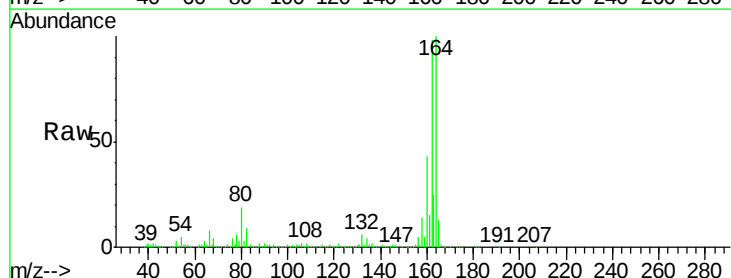
Instrument :
BNA_G
ClientSampleId :
S-2(8.0-8.5)MSD

Tgt Ion:142 Resp: 646172
Ion Ratio Lower Upper
142 100
141 85.7 70.7 106.1
115 32.2 27.8 41.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.24 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BG017951.D
Acq: 18 Jul 2015 7:39

Tgt Ion:164 Resp: 257097
Ion Ratio Lower Upper
164 100
162 98.3 76.3 114.5
160 42.9 33.7 50.5

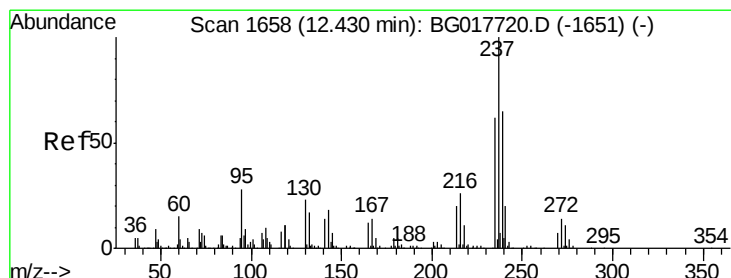
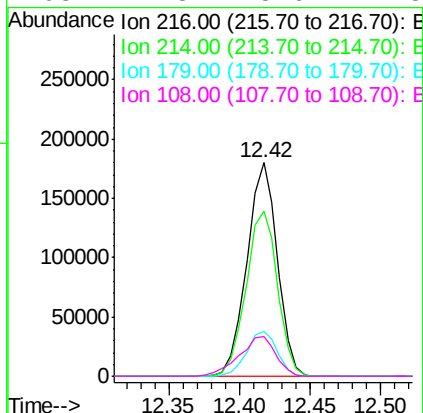
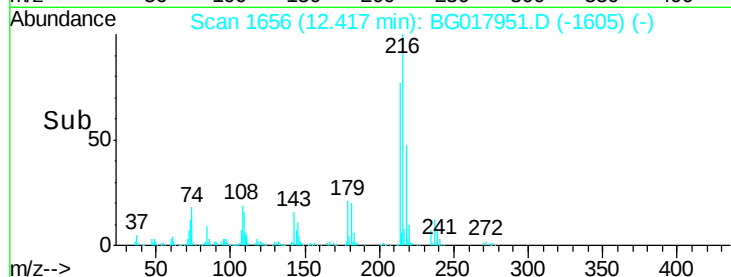
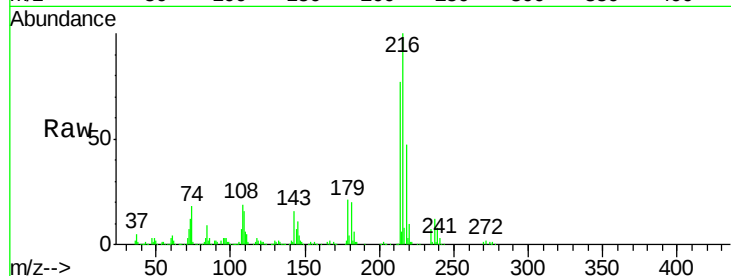




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.57 ng
 RT: 12.42 min Scan# 1656
 Delta R.T. -0.00 min
 Lab File: BG017951.D
 Acq: 18 Jul 2015 7:39

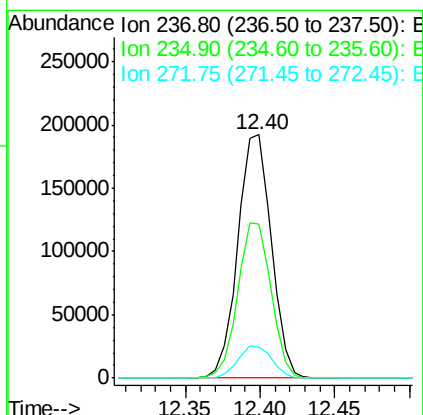
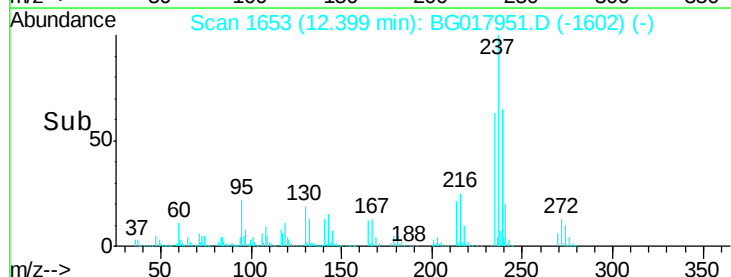
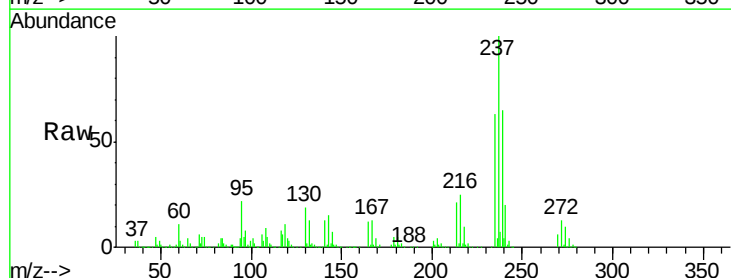
Instrument :
 BNA_G
 ClientSampleId :
 S-2(8.0-8.5)MSD

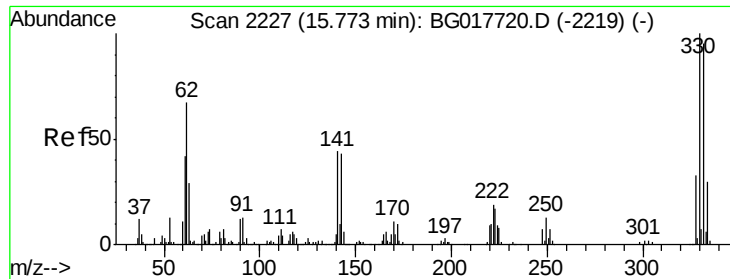
Tgt Ion:	216	Resp:	272723
Ion	Ratio	Lower	Upper
216	100		
214	79.6	64.5	96.7
179	21.2	16.7	25.1
108	22.3	18.6	27.8



#40
 Hexachlorocyclopentadiene
 Concen: 79.63 ng
 RT: 12.40 min Scan# 1653
 Delta R.T. -0.00 min
 Lab File: BG017951.D
 Acq: 18 Jul 2015 7:39

Tgt Ion:	237	Resp:	299258
Ion	Ratio	Lower	Upper
237	100		
235	63.1	42.2	82.2
272	13.1	0.0	33.9

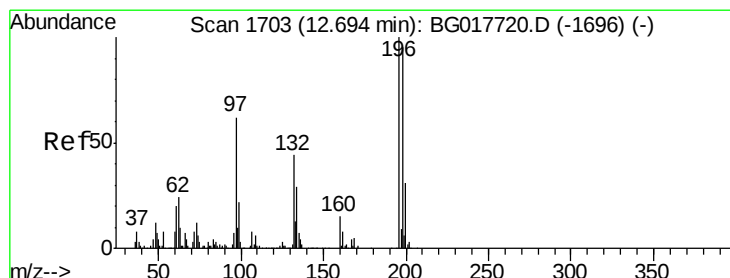
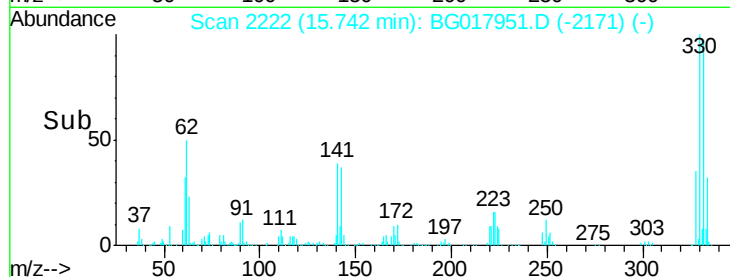
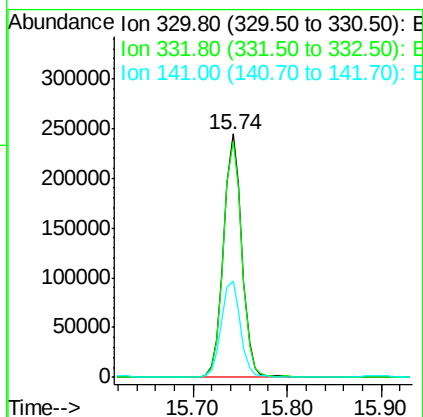
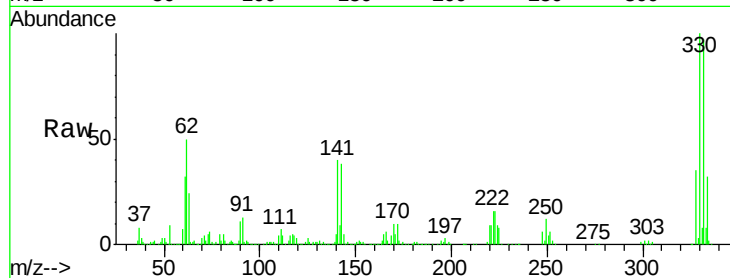




#41
 2,4,6-Tribromophenol
 Concen: 127.22 ng
 RT: 15.74 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG017951.D
 Acq: 18 Jul 2015 7:39

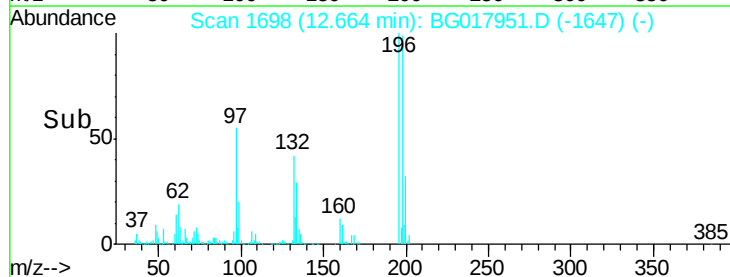
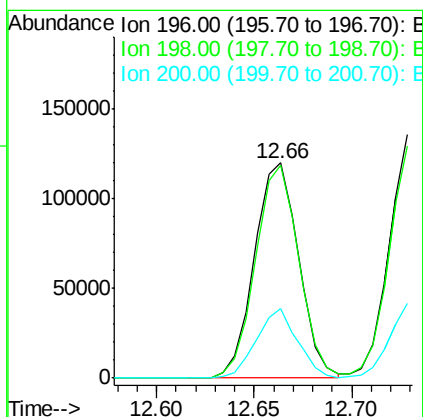
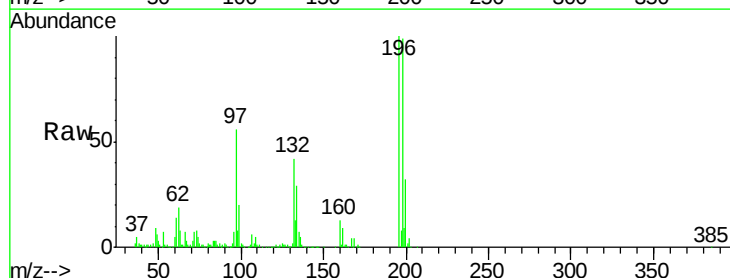
Instrument :
 BNA_G
 ClientSampleId :
 S-2(8.0-8.5)MSD

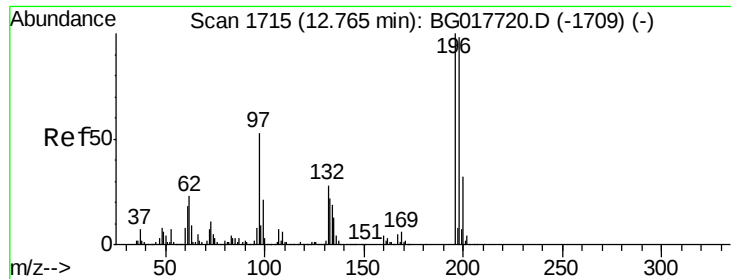
Tgt Ion:330 Resp: 331380
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.8 115.2
 141 41.5 38.0 57.0



#42
 2,4,6-Trichlorophenol
 Concen: 42.03 ng
 RT: 12.66 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: BG017951.D
 Acq: 18 Jul 2015 7:39

Tgt Ion:196 Resp: 188345
 Ion Ratio Lower Upper
 196 100
 198 99.2 76.2 114.4
 200 32.3 24.6 36.8

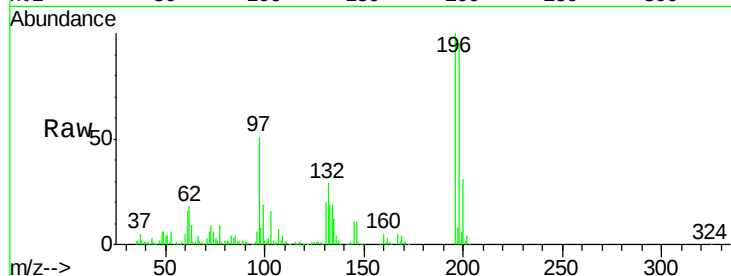




#43
 2,4,5-Trichlorophenol
 Concen: 44.74 ng
 RT: 12.73 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG017951.D
 Acq: 18 Jul 2015 7:39

Instrument :
 BNA_G
 ClientSampleId :
 S-2(8.0-8.5)MSD

Tgt Ion:	196	Resp:	208483
Ion	Ratio	Lower	Upper
196	100		
198	95.5	78.1	117.1
97	50.5	42.6	64.0
132	29.2	22.6	33.8



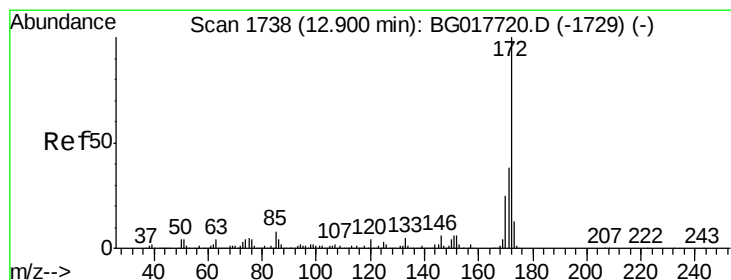
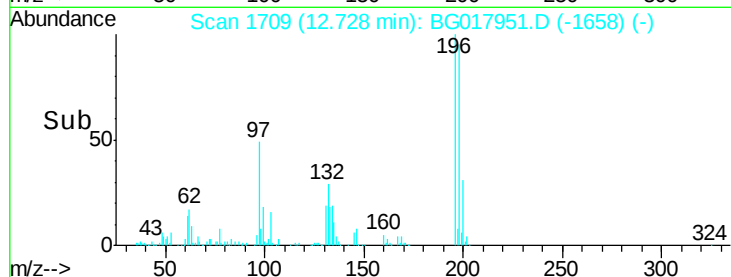
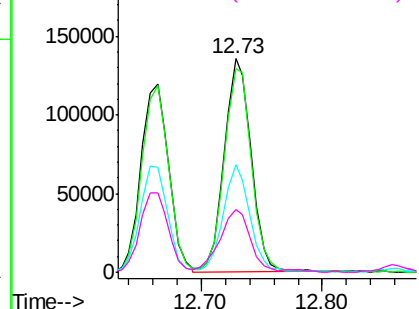
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

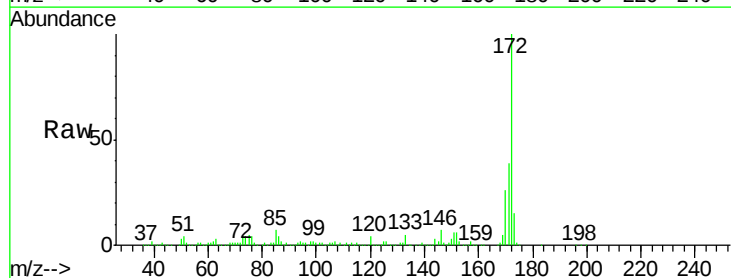
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 85.51 ng
 RT: 12.86 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: BG017951.D
 Acq: 18 Jul 2015 7:39

Tgt Ion:	172	Resp:	1268638
Ion	Ratio	Lower	Upper
172	100		
171	38.9	30.7	46.1
170	25.7	19.7	29.5

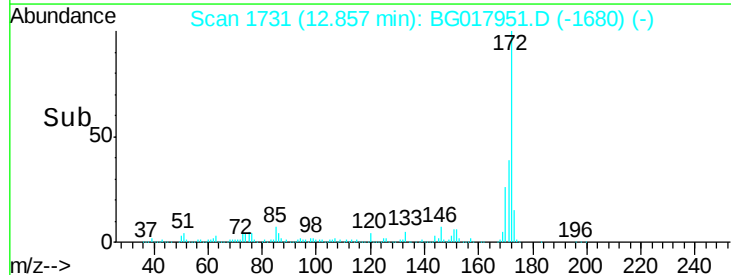
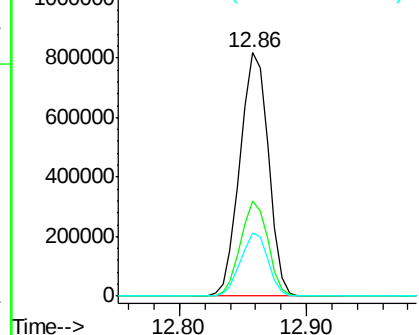


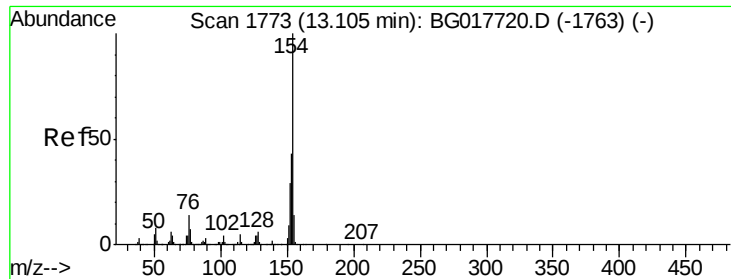
Abundance

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

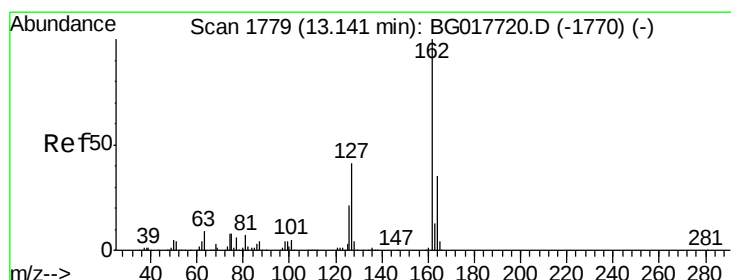
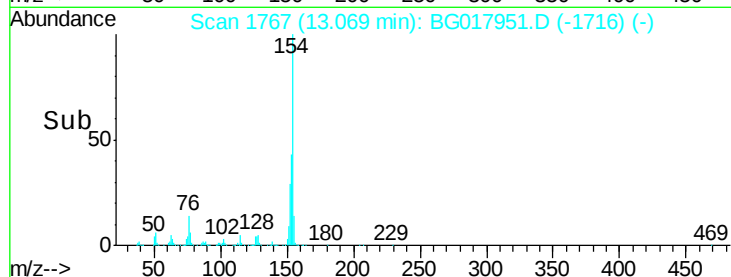
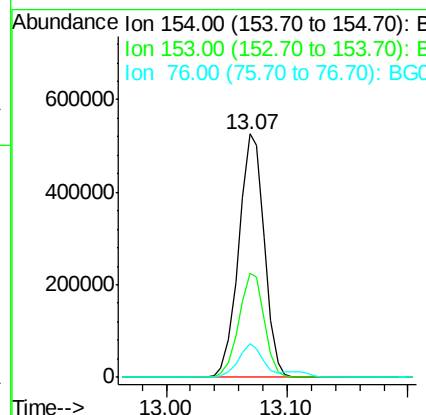
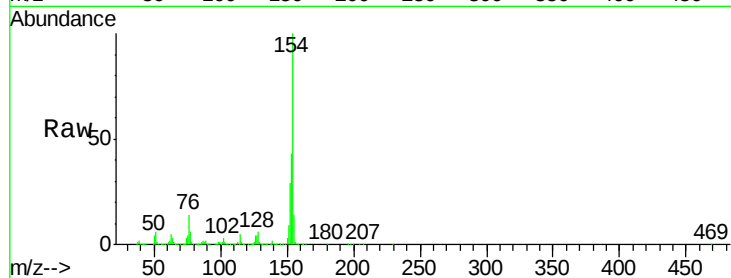




#45
 1,1'-Biphenyl
 Concen: 42.91 ng
 RT: 13.07 min Scan# 1767
 Delta R.T. -0.00 min
 Lab File: BG017951.D
 Acq: 18 Jul 2015 7:39

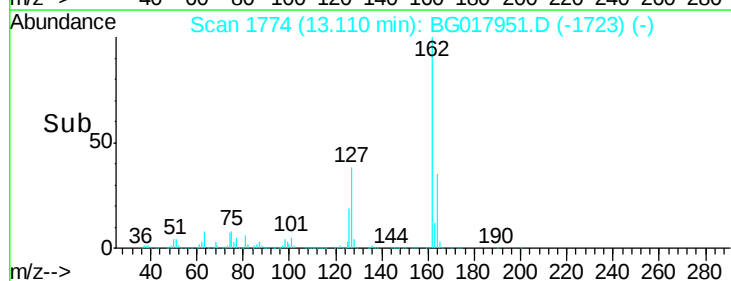
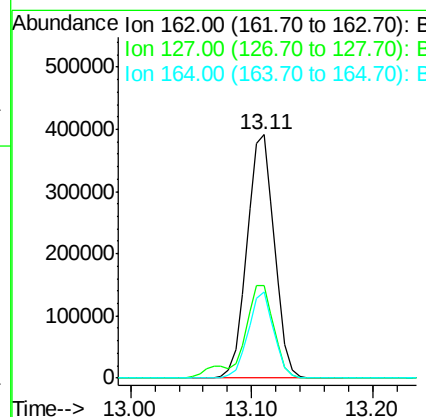
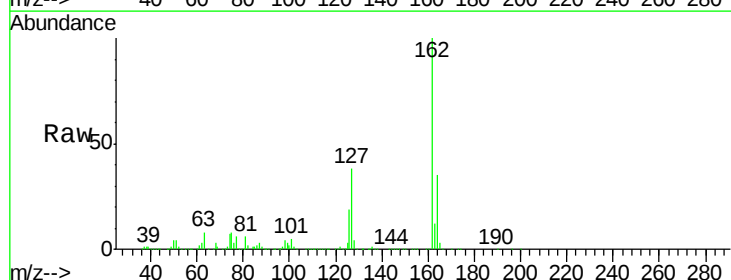
Instrument :
 BNA_G
 ClientSampleId :
 S-2(8.0-8.5)MSD

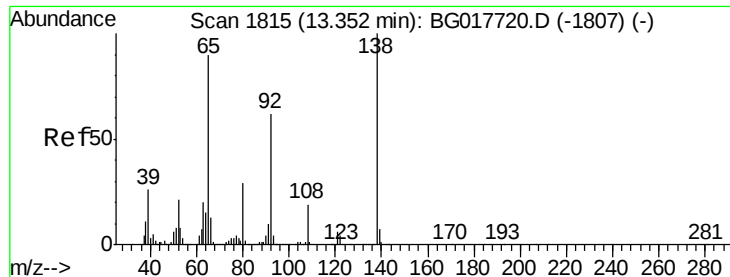
Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	23.5	63.5
76	13.7	0.0	33.7



#46
 2-Chloronaphthalene
 Concen: 42.23 ng
 RT: 13.11 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: BG017951.D
 Acq: 18 Jul 2015 7:39

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.3	33.2	49.8
164	35.2	27.7	41.5

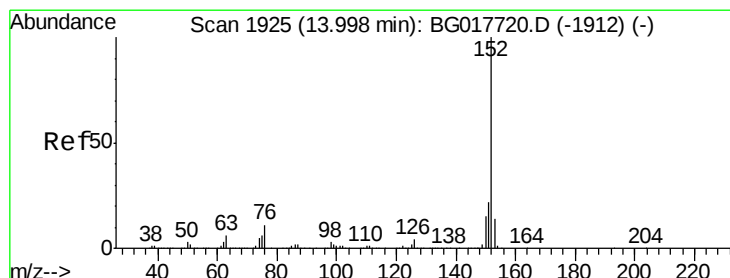
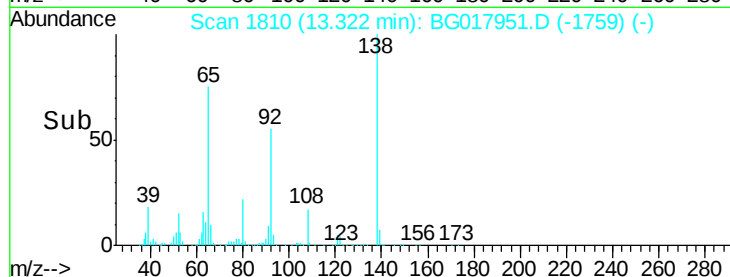
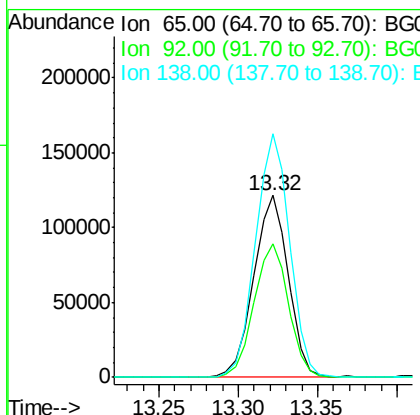
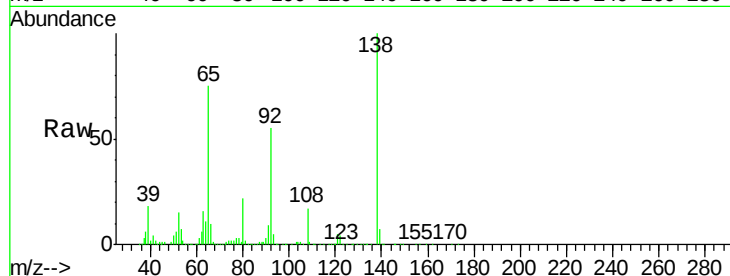




#47
2-Nitroaniline
Concen: 46.83 ng
RT: 13.32 min Scan# 1810
Delta R.T. -0.00 min
Lab File: BG017951.D
Acq: 18 Jul 2015 7:39

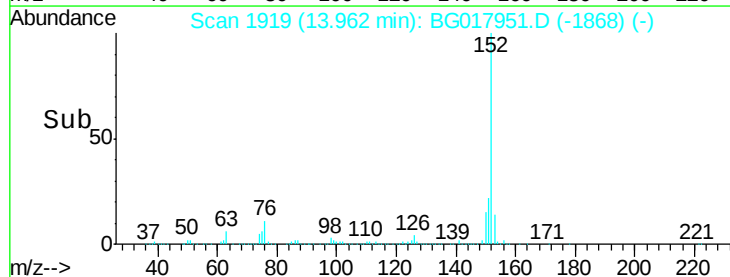
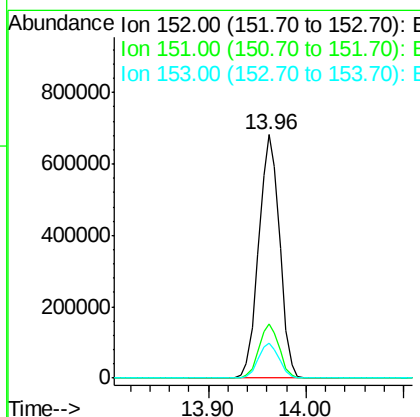
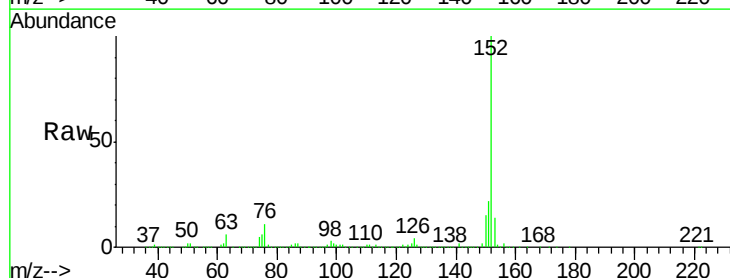
Instrument :
BNA_G
ClientSampleId :
S-2(8.0-8.5)MSD

Tgt Ion: 65 Resp: 183424
Ion Ratio Lower Upper
65 100
92 73.7 55.4 83.2
138 133.9 89.1 133.7#



#48
Acenaphthylene
Concen: 42.49 ng
RT: 13.96 min Scan# 1919
Delta R.T. -0.00 min
Lab File: BG017951.D
Acq: 18 Jul 2015 7:39

Tgt Ion: 152 Resp: 1033648
Ion Ratio Lower Upper
152 100
151 22.3 17.4 26.2
153 14.3 11.0 16.6





#49

Dimethylphthalate

Concen: 50.25 ng

RT: 13.72 min Scan# 1877

Delta R.T. 0.01 min

Lab File: BG017951.D

Acq: 18 Jul 2015 7:39

Instrument :

BNA_G

ClientSampleId :

S-2(8.0-8.5)MSD

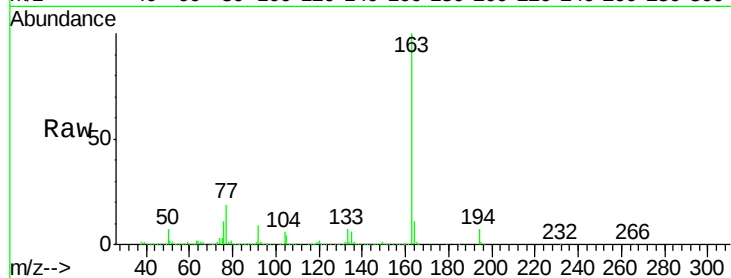
Tgt Ion:163 Resp: 897424

Ion Ratio Lower Upper

163 100

194 7.3 5.8 8.6

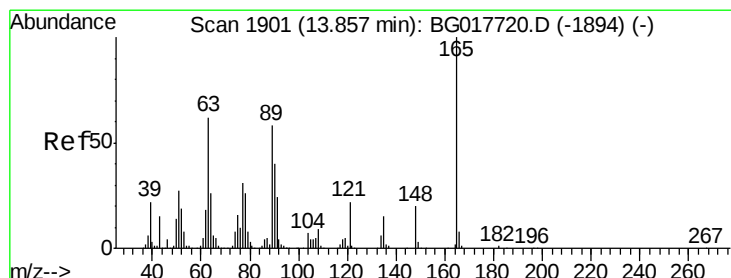
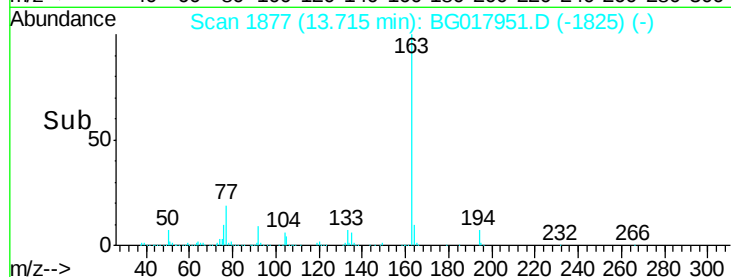
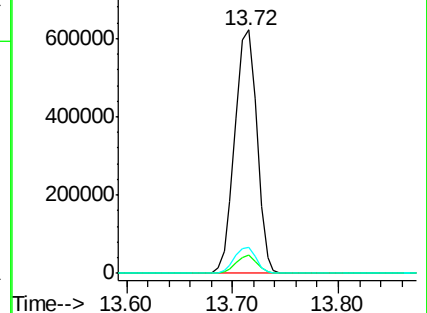
164 10.5 8.3 12.5



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: 48.29 ng

RT: 13.83 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BG017951.D

Acq: 18 Jul 2015 7:39

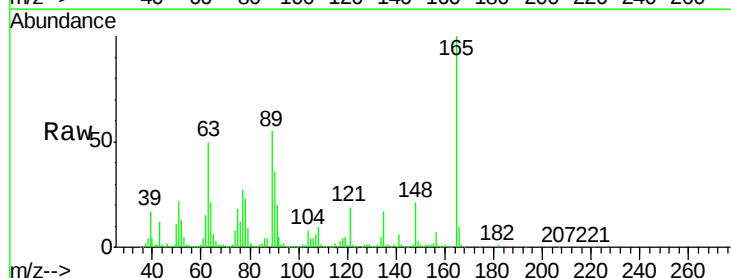
Tgt Ion:165 Resp: 195425

Ion Ratio Lower Upper

165 100

63 50.4 50.2 75.2

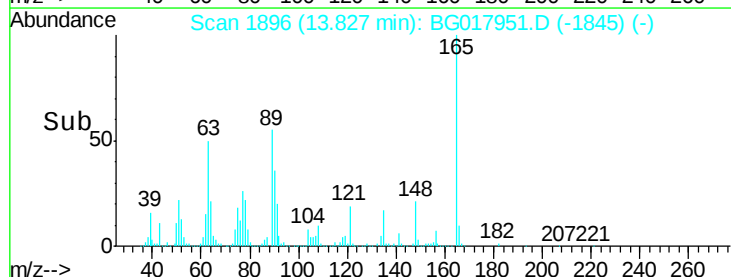
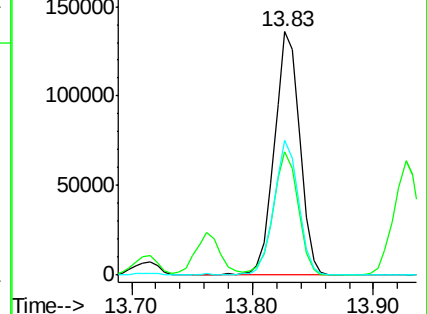
89 55.4 46.6 69.8

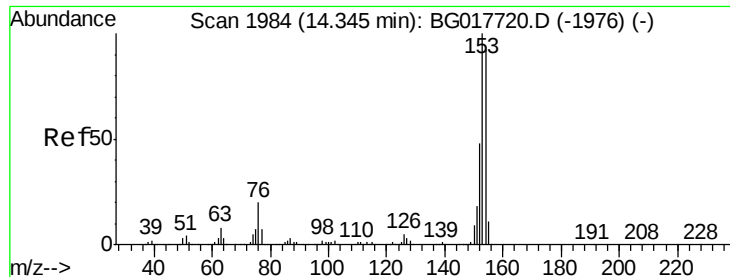


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 43.30 ng

RT: 14.31 min Scan# 1978

Delta R.T. -0.00 min

Lab File: BG017951.D

Acq: 18 Jul 2015 7:39

Instrument :

BNA_G

ClientSampleId :

S-2(8.0-8.5)MSD

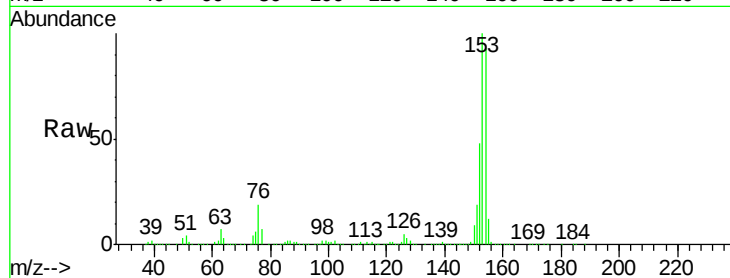
Tgt Ion:154 Resp: 637840

Ion Ratio Lower Upper

154 100

153 107.3 87.0 130.4

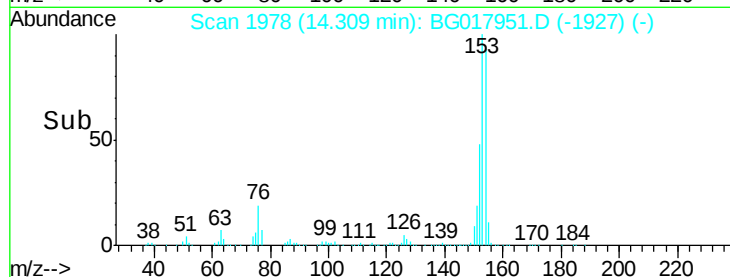
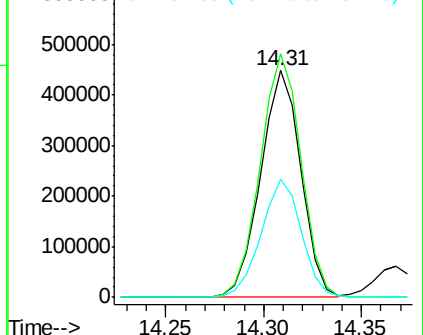
152 51.8 41.4 62.0



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: 37.50 ng

RT: 14.16 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BG017951.D

Acq: 18 Jul 2015 7:39

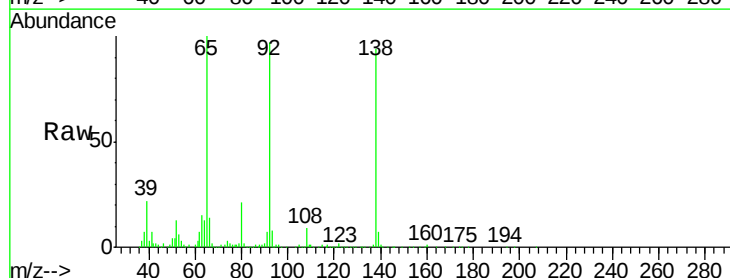
Tgt Ion:138 Resp: 170621

Ion Ratio Lower Upper

138 100

108 9.7 8.2 12.4

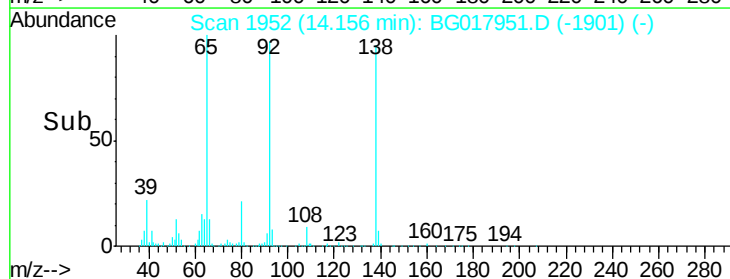
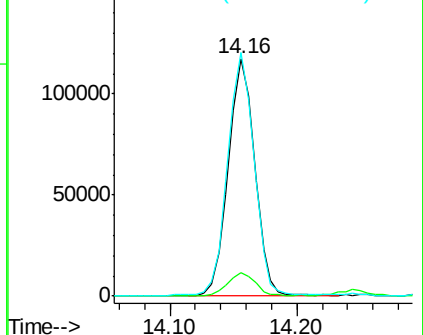
92 102.6 87.4 131.0

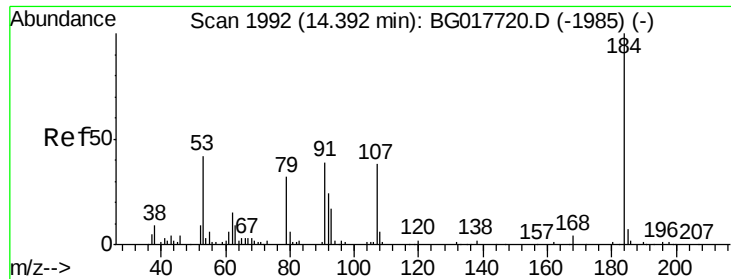


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

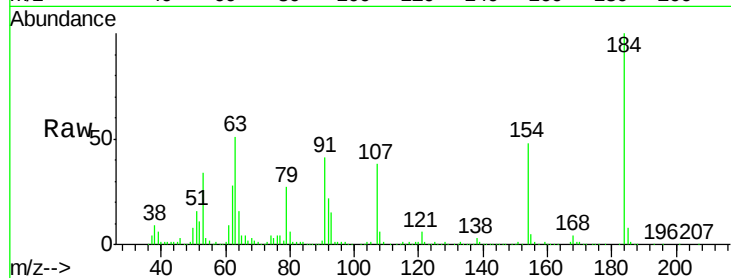




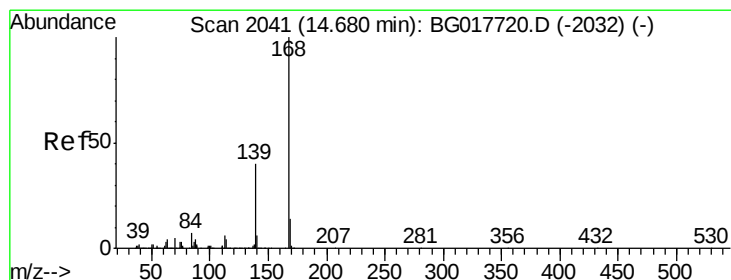
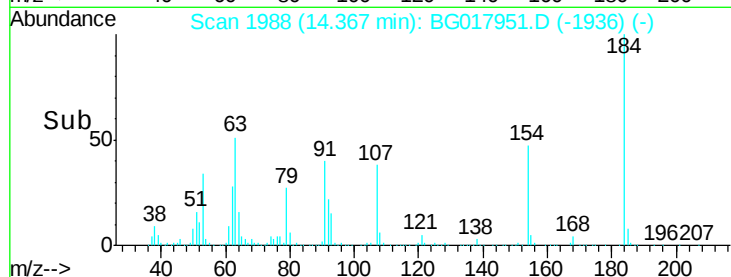
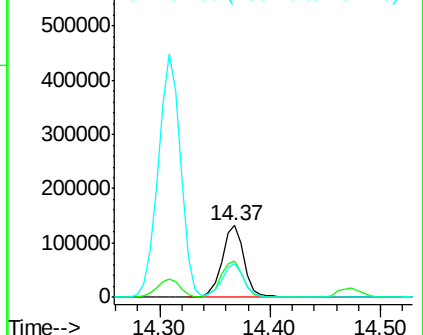
#53
2,4-Dinitrophenol
Concen: 79.95 ng
RT: 14.37 min Scan# 1988
Delta R.T. 0.01 min
Lab File: BG017951.D
Acq: 18 Jul 2015 7:39

Instrument :
BNA_G
ClientSampleId :
S-2(8.0-8.5)MSD

Tgt Ion:184 Resp: 184084
Ion Ratio Lower Upper
184 100
63 51.5 47.8 71.6
154 47.5 39.3 58.9

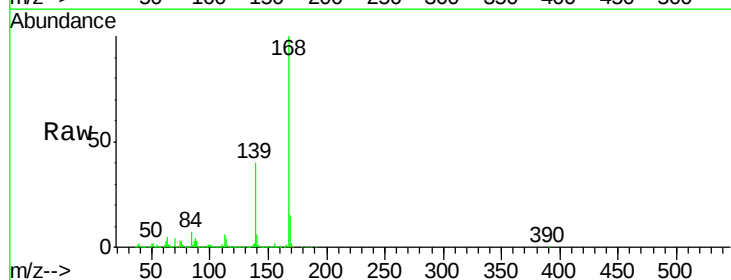


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

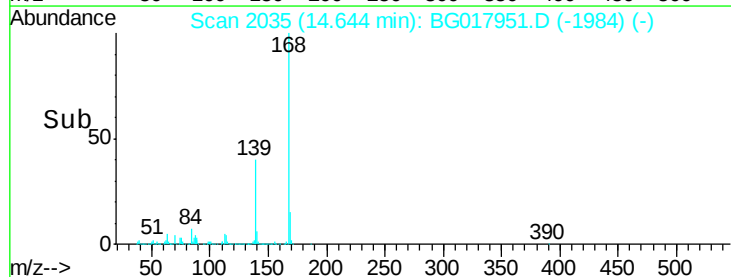
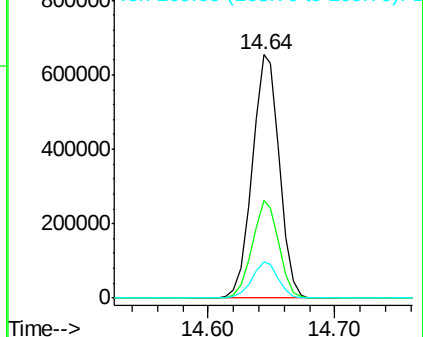


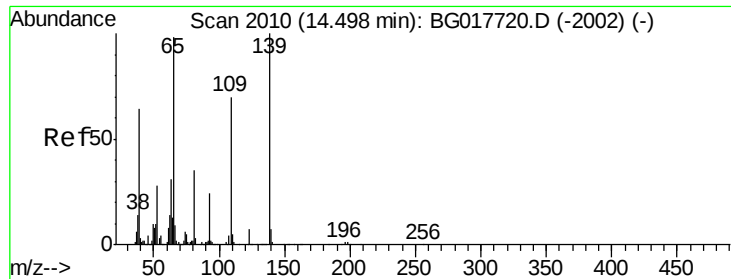
#54
Dibenzofuran
Concen: 45.59 ng
RT: 14.64 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG017951.D
Acq: 18 Jul 2015 7:39

Tgt Ion:168 Resp: 969110
Ion Ratio Lower Upper
168 100
139 40.4 32.2 48.2
169 14.7 11.3 16.9



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

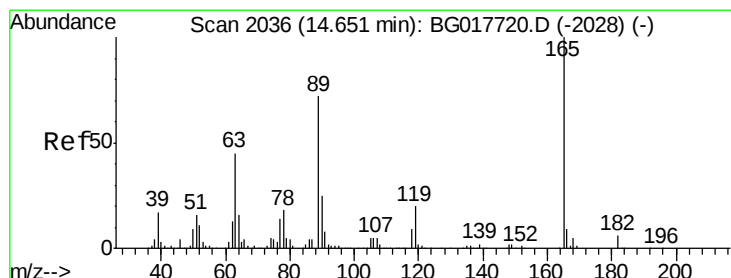
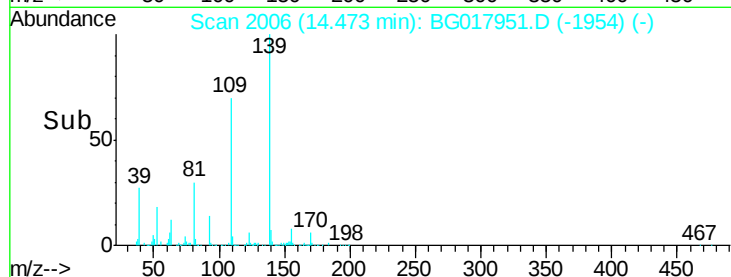
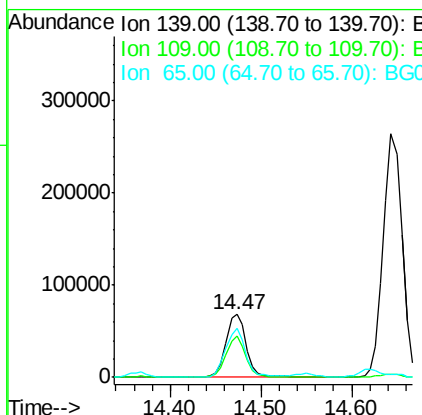
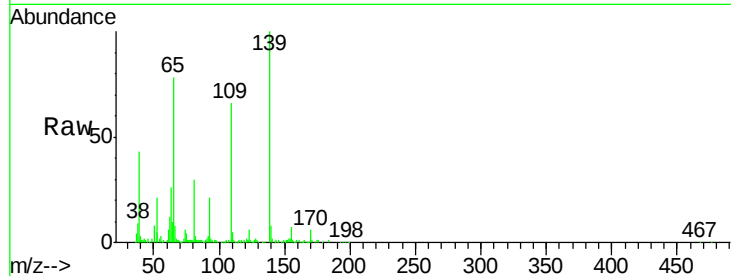




#55
4-Nitrophenol
Concen: 30.00 ng
RT: 14.47 min Scan# 2006
Delta R.T. 0.01 min
Lab File: BG017951.D
Acq: 18 Jul 2015 7:39

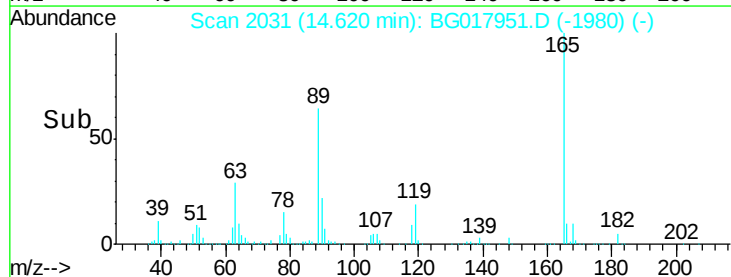
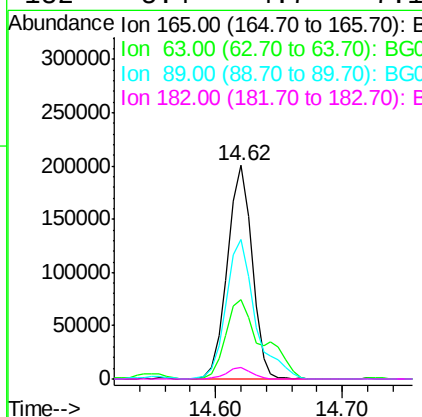
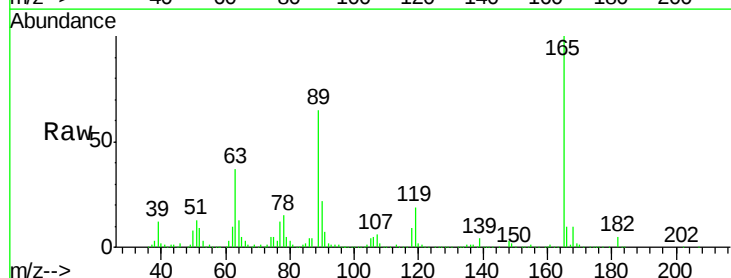
Instrument :
BNA_G
ClientSampleId :
S-2(8.0-8.5)MSD

Tgt Ion:139 Resp: 107976
Ion Ratio Lower Upper
139 100
109 65.8 50.3 90.3
65 78.2 78.8 118.8#



#56
2,4-Dinitrotoluene
Concen: 49.67 ng
RT: 14.62 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BG017951.D
Acq: 18 Jul 2015 7:39

Tgt Ion:165 Resp: 269621
Ion Ratio Lower Upper
165 100
63 37.1 36.2 54.4
89 65.1 57.9 86.9
182 5.4 4.7 7.1





#57

Fluorene

Concen: 46.80 ng

RT: 15.30 min Scan# 2146

Delta R.T. -0.00 min

Lab File: BG017951.D

Acq: 18 Jul 2015 7:39

Instrument :

BNA_G

ClientSampleId :

S-2(8.0-8.5)MSD

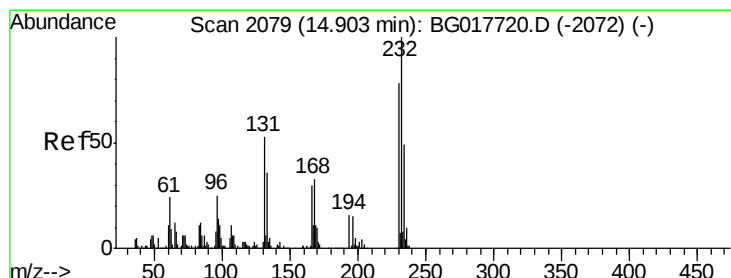
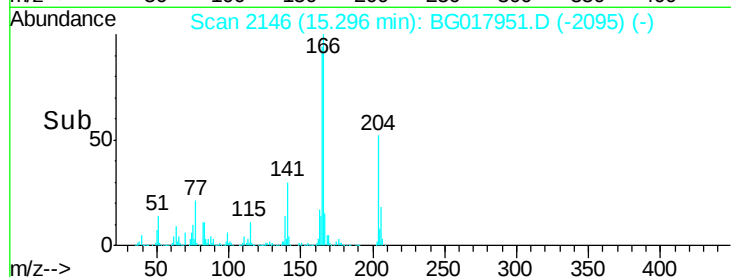
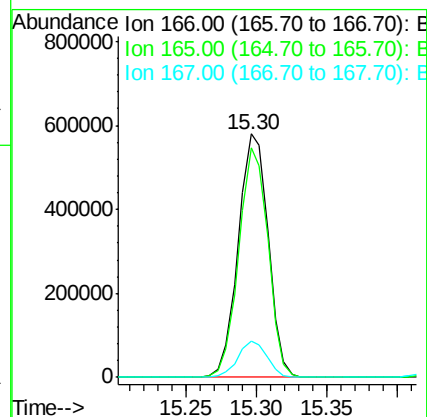
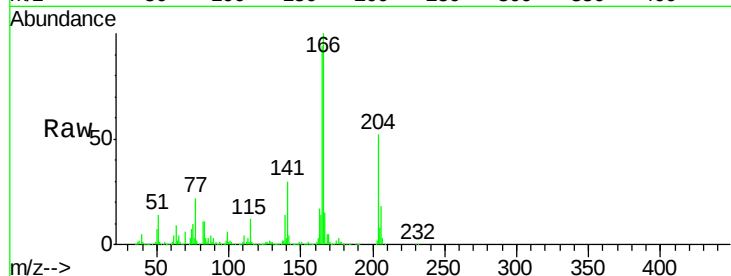
Tgt Ion:166 Resp: 855133

Ion Ratio Lower Upper

166 100

165 94.1 73.4 110.0

167 14.7 11.0 16.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.88 ng

RT: 14.87 min Scan# 2074

Delta R.T. -0.00 min

Lab File: BG017951.D

Acq: 18 Jul 2015 7:39

Tgt Ion:232 Resp: 180327

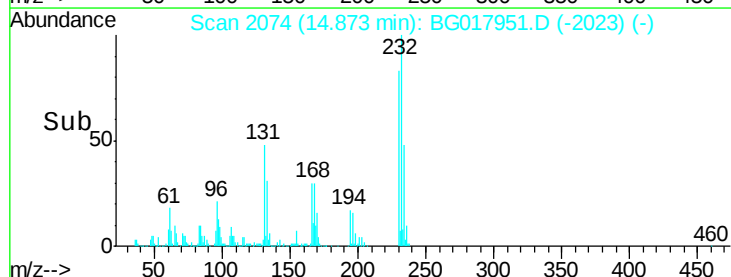
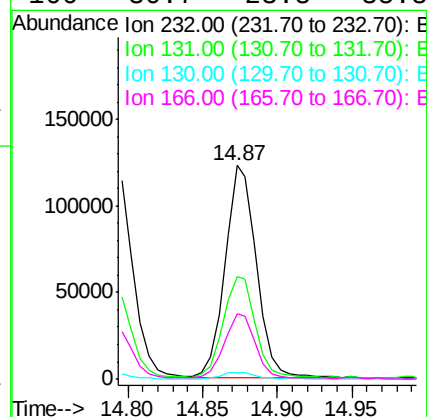
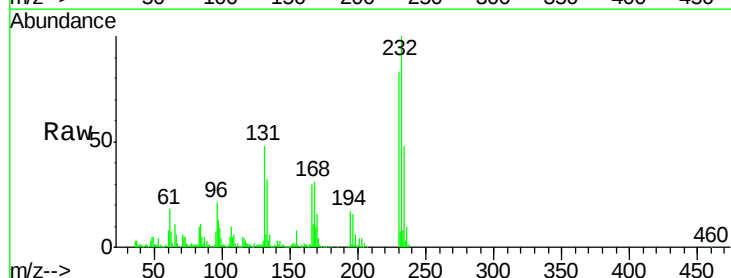
Ion Ratio Lower Upper

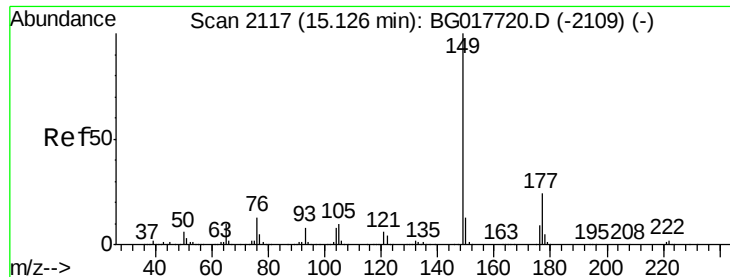
232 100

131 49.9 40.8 61.2

130 3.6 2.4 3.6

166 30.7 23.8 35.8

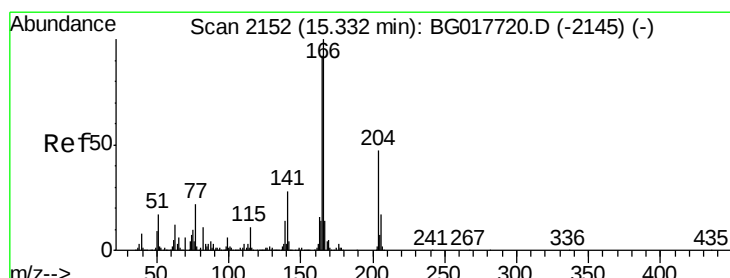
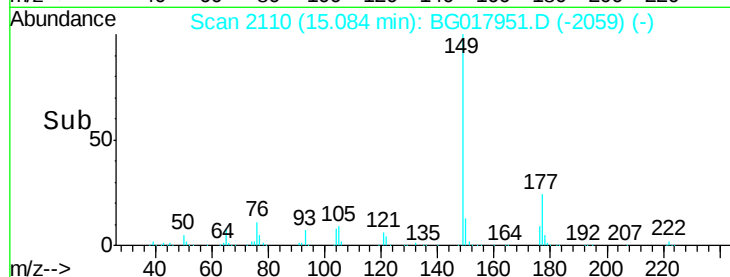
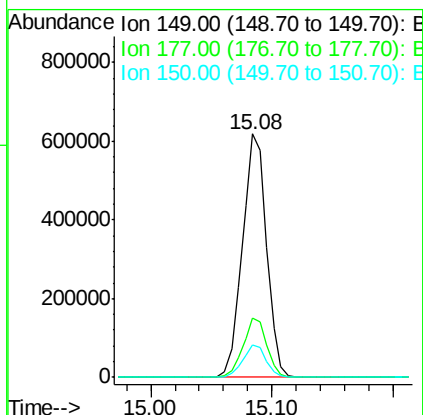
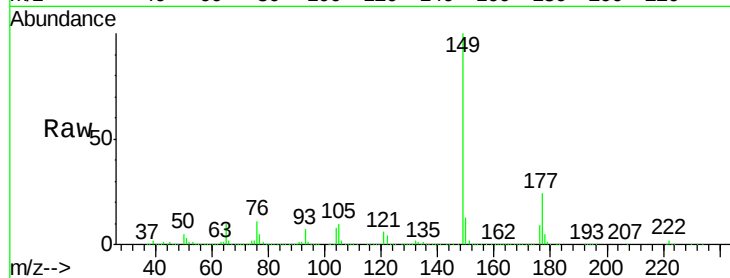




#59
Diethylphthalate
Concen: 46.49 ng
RT: 15.08 min Scan# 2110
Delta R.T. -0.00 min
Lab File: BG017951.D
Acq: 18 Jul 2015 7:39

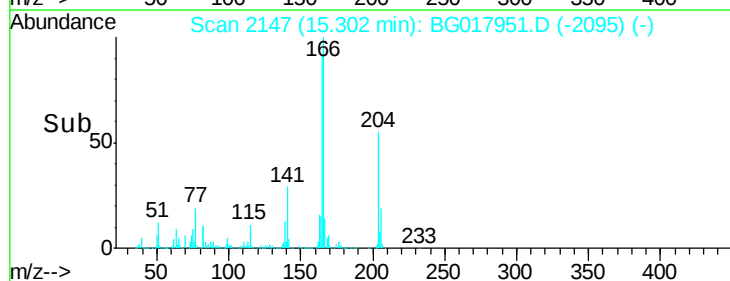
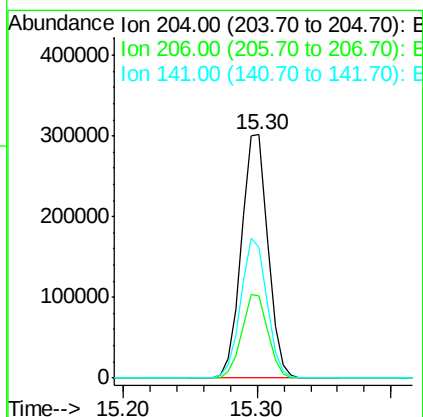
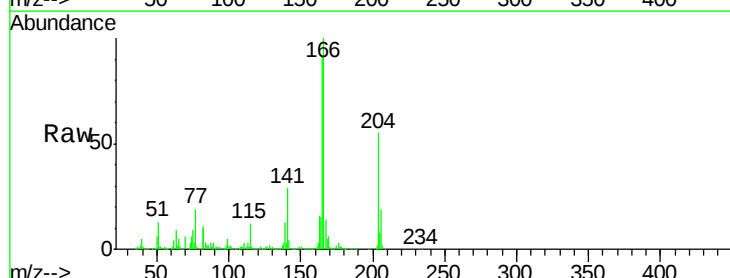
Instrument :
BNA_G
ClientSampleId :
S-2(8.0-8.5)MSD

Tgt Ion:149 Resp: 860006
Ion Ratio Lower Upper
149 100
177 24.3 19.1 28.7
150 13.1 10.3 15.5



#60
4-Chlorophenyl-phenylether
Concen: 46.06 ng
RT: 15.30 min Scan# 2147
Delta R.T. 0.01 min
Lab File: BG017951.D
Acq: 18 Jul 2015 7:39

Tgt Ion:204 Resp: 412604
Ion Ratio Lower Upper
204 100
206 34.0 28.6 42.8
141 54.0 49.0 73.4

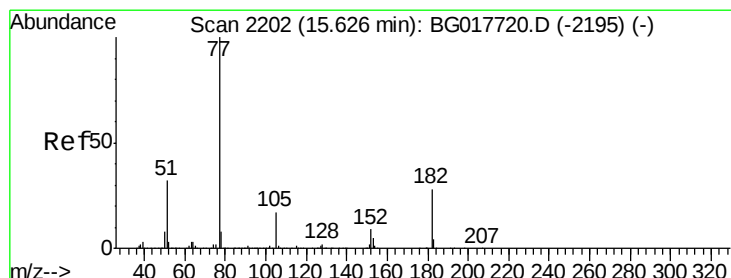
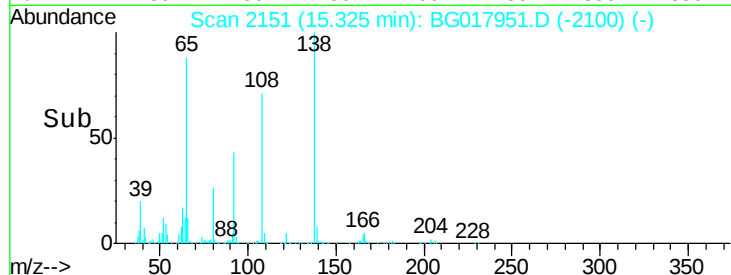
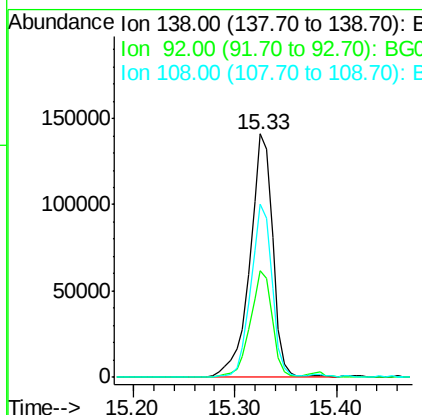
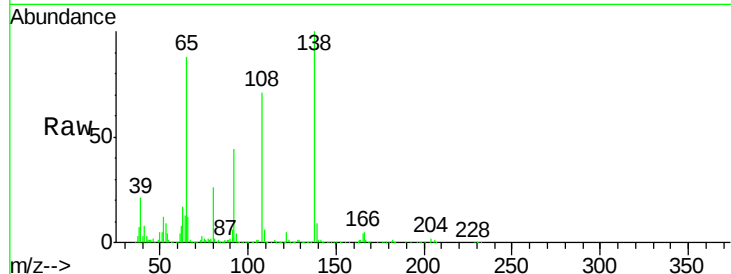




#61
4-Nitroaniline
Concen: 41.45 ng
RT: 15.33 min Scan# 2151
Delta R.T. 0.00 min
Lab File: BG017951.D
Acq: 18 Jul 2015 7:39

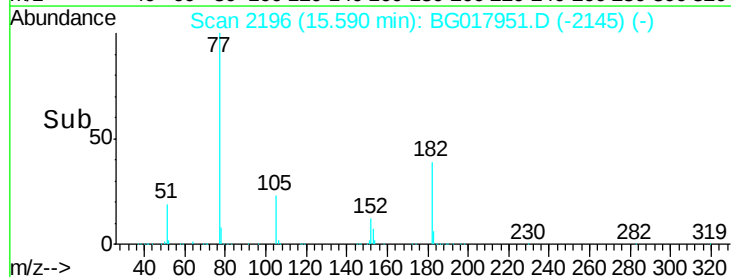
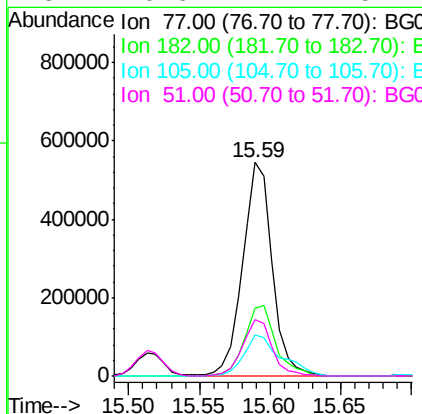
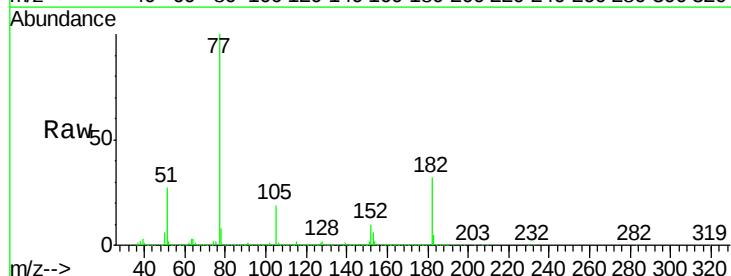
Instrument :
BNA_G
ClientSampleId :
S-2(8.0-8.5)MSD

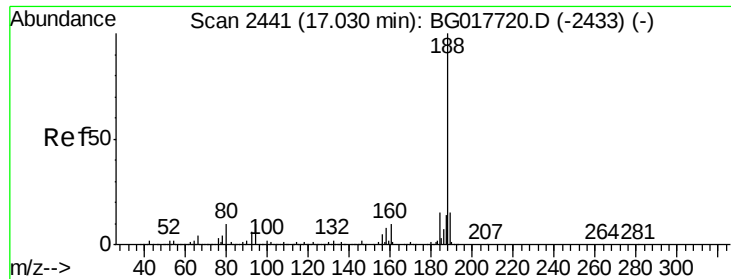
Tgt Ion: 138 Resp: 220931
Ion Ratio Lower Upper
138 100
92 43.6 27.7 67.7
108 70.9 57.8 97.8



#62
Azobenzene
Concen: 46.33 ng
RT: 15.59 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BG017951.D
Acq: 18 Jul 2015 7:39

Tgt Ion: 77 Resp: 791877
Ion Ratio Lower Upper
77 100
182 32.0 8.2 48.2
105 19.4 0.0 36.6
51 26.6 11.7 51.7





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.99 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG017951.D

Acq: 18 Jul 2015 7:39

Instrument :

BNA_G

ClientSampleId :

S-2(8.0-8.5)MSD

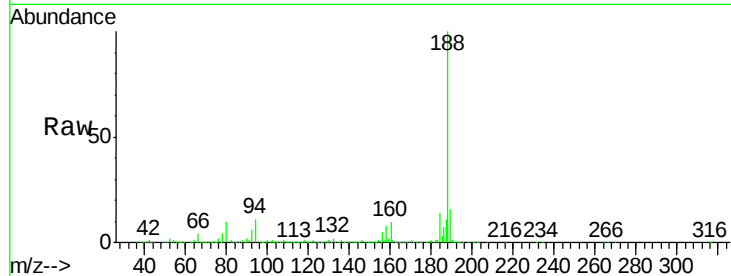
Tgt Ion:188 Resp: 546028

Ion Ratio Lower Upper

188 100

94 10.6 8.2 12.2

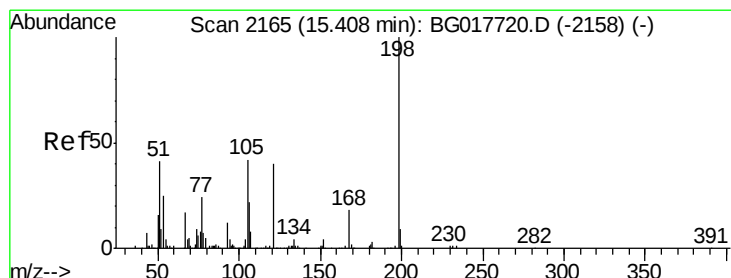
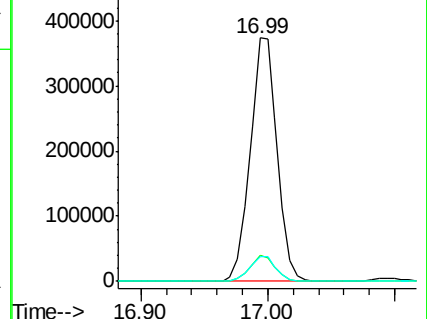
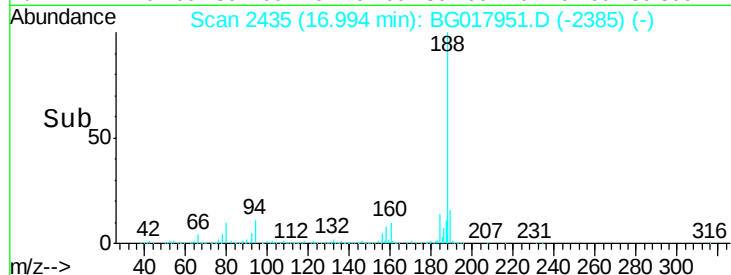
80 10.1 8.2 12.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 46.26 ng

RT: 15.38 min Scan# 2161

Delta R.T. -0.00 min

Lab File: BG017951.D

Acq: 18 Jul 2015 7:39

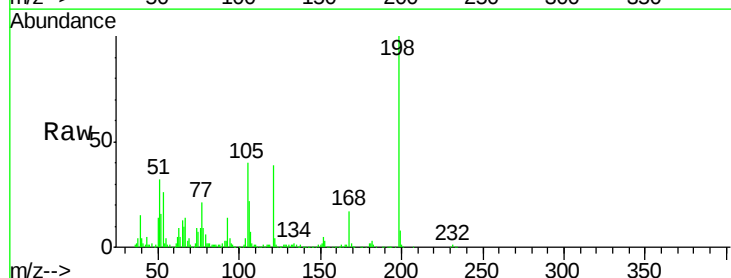
Tgt Ion:198 Resp: 131890

Ion Ratio Lower Upper

198 100

51 32.3 27.0 67.0

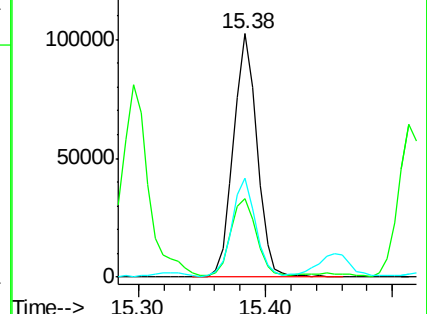
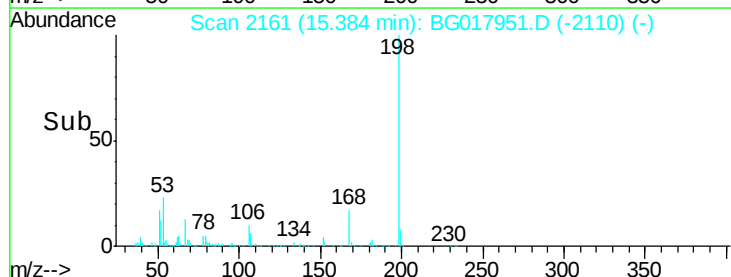
105 40.4 23.3 63.3

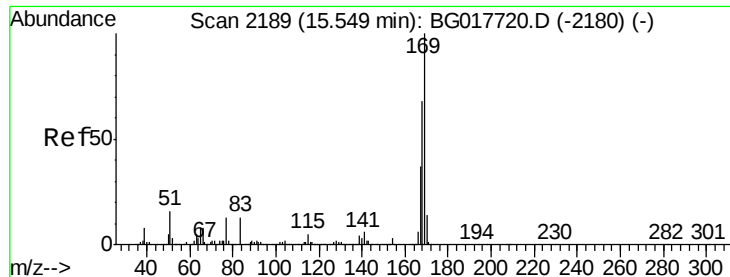


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

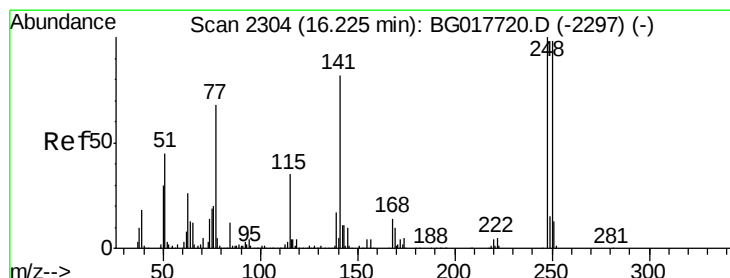
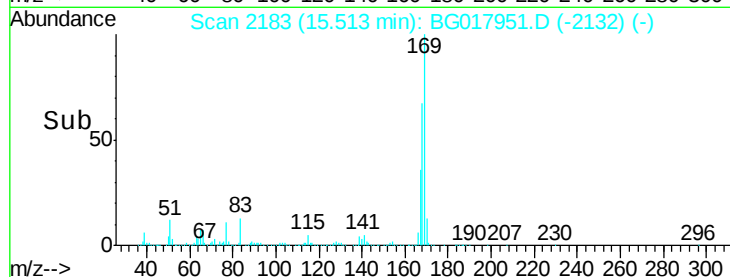
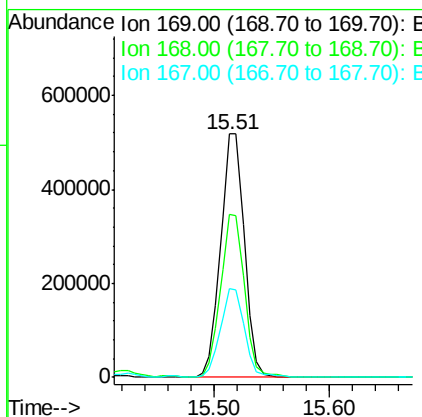
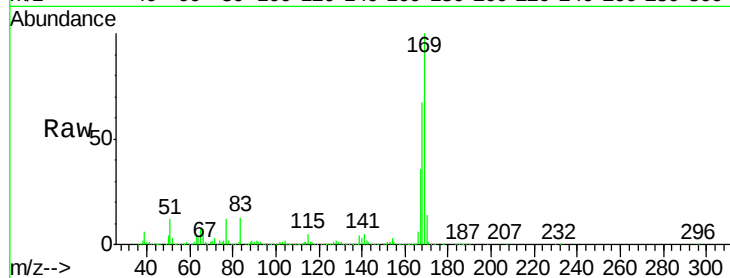




#65
 n-Nitrosodiphenylamine
 Concen: 44.77 ng
 RT: 15.51 min Scan# 2183
 Delta R.T. -0.00 min
 Lab File: BG017951.D
 Acq: 18 Jul 2015 7:39

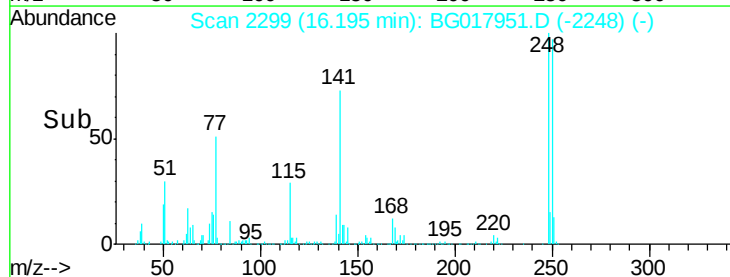
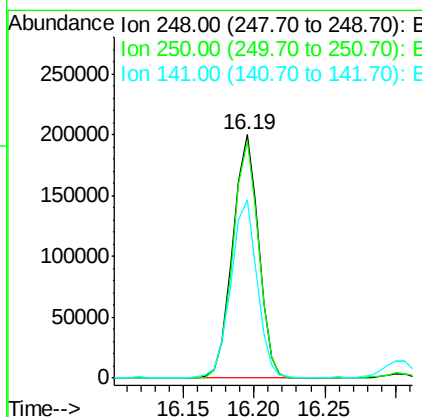
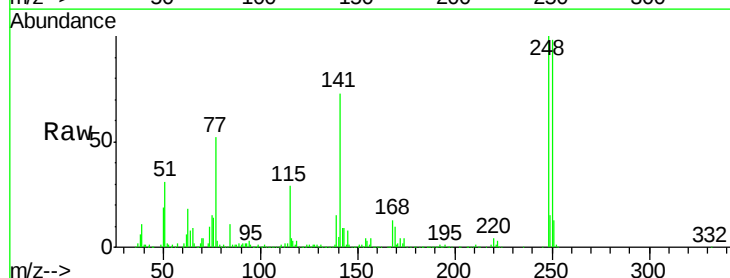
Instrument :
 BNA_G
 ClientSampleId :
 S-2(8.0-8.5)MSD

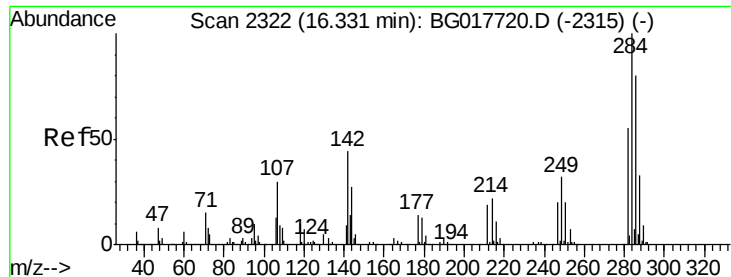
Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.9	54.1	81.1
167	36.3	29.4	44.2



#66
 4-Bromophenyl-phenylether
 Concen: 46.61 ng
 RT: 16.19 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: BG017951.D
 Acq: 18 Jul 2015 7:39

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.6	78.0	117.0
141	73.5	65.7	98.5

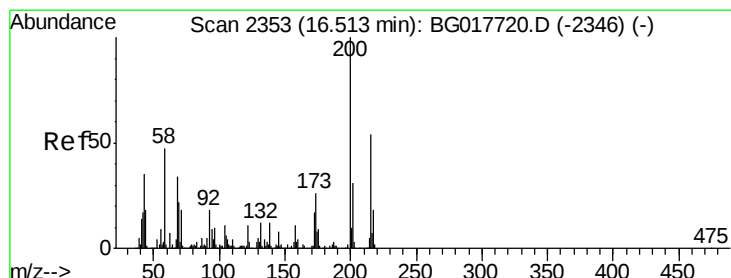
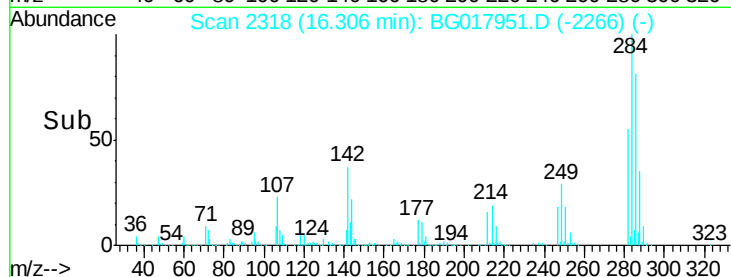
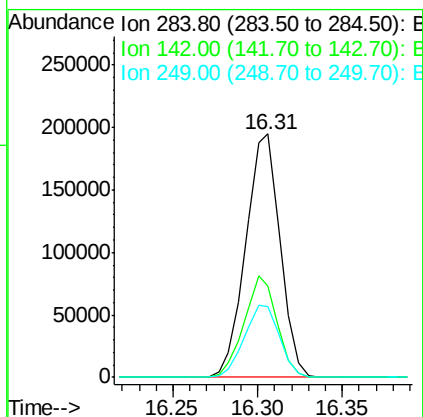
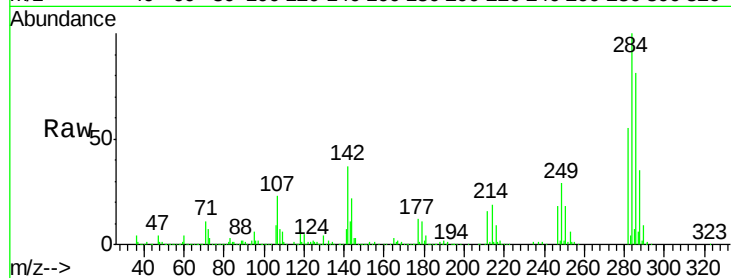




#67
Hexachlorobenzene
Concen: 45.41 ng
RT: 16.31 min Scan# 2318
Delta R.T. 0.01 min
Lab File: BG017951.D
Acq: 18 Jul 2015 7:39

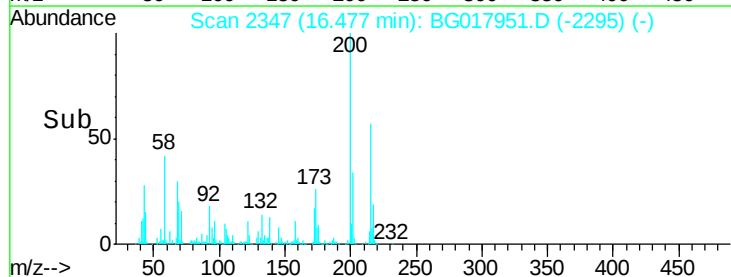
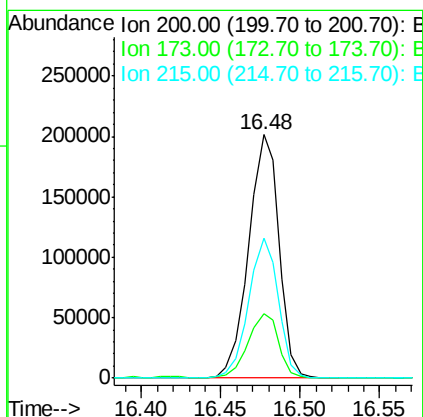
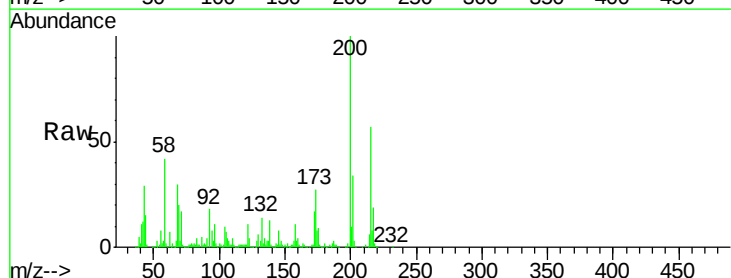
Instrument :
BNA_G
ClientSampleId :
S-2(8.0-8.5)MSD

Tgt Ion:284 Resp: 275770
Ion Ratio Lower Upper
284 100
142 37.3 35.2 52.8
249 28.9 25.4 38.0



#68
Atrazine
Concen: 49.46 ng
RT: 16.48 min Scan# 2347
Delta R.T. 0.01 min
Lab File: BG017951.D
Acq: 18 Jul 2015 7:39

Tgt Ion:200 Resp: 266761
Ion Ratio Lower Upper
200 100
173 26.7 5.6 45.6
215 57.4 34.1 74.1





#69

Pentachlorophenol

Concen: 78.05 ng

RT: 16.65 min Scan# 2377

Delta R.T. 0.01 min

Lab File: BG017951.D

Acq: 18 Jul 2015 7:39

Instrument :

BNA_G

ClientSampleId :

S-2(8.0-8.5)MSD

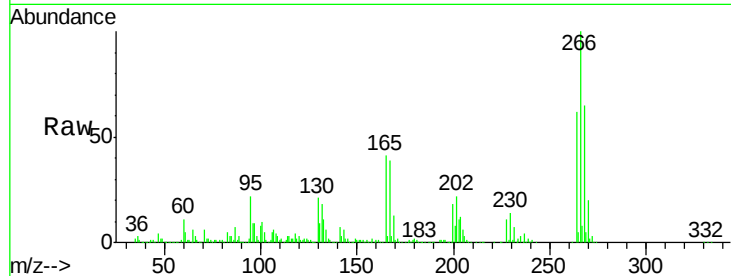
Tgt Ion:266 Resp: 309456

Ion Ratio Lower Upper

266 100

268 65.4 51.0 76.6

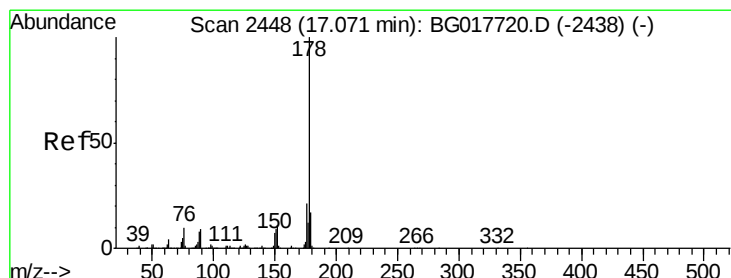
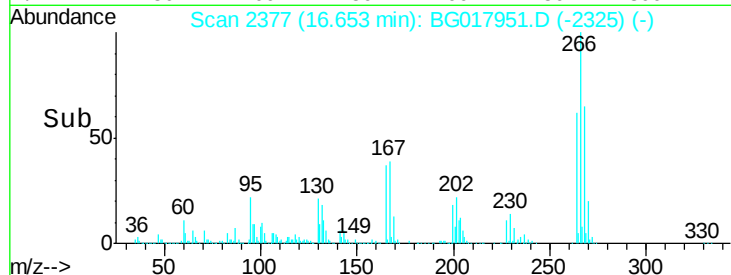
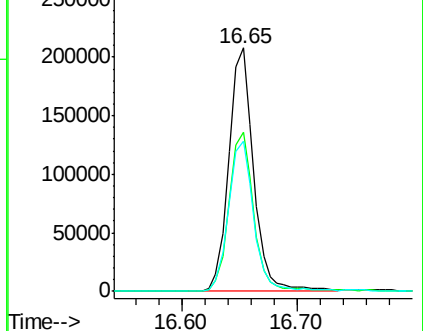
264 61.7 50.7 76.1



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 45.18 ng

RT: 17.04 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG017951.D

Acq: 18 Jul 2015 7:39

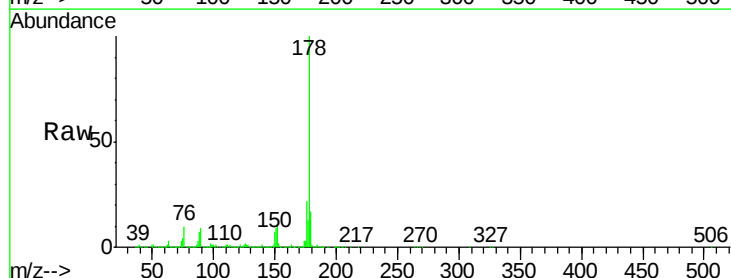
Tgt Ion:178 Resp: 1272459

Ion Ratio Lower Upper

178 100

176 22.4 16.5 24.7

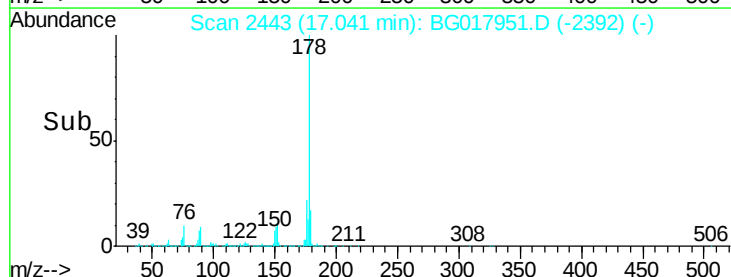
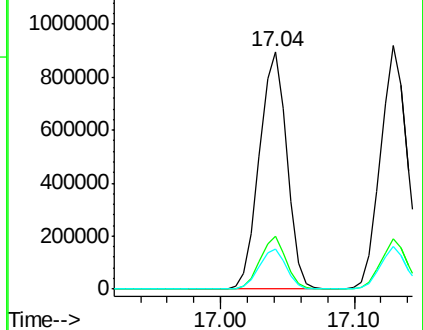
179 17.0 13.5 20.3

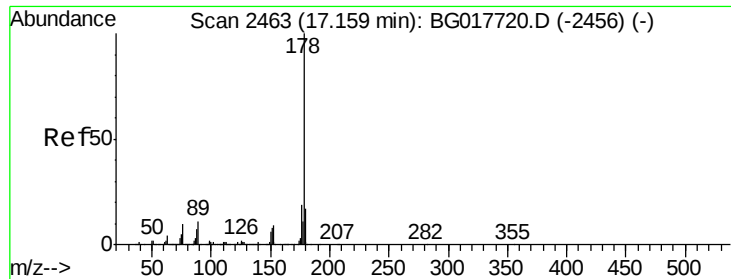


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 45.74 ng

RT: 17.13 min Scan# 2458

Delta R.T. -0.00 min

Lab File: BG017951.D

Acq: 18 Jul 2015 7:39

Instrument :

BNA_G

ClientSampleId :

S-2(8.0-8.5)MSD

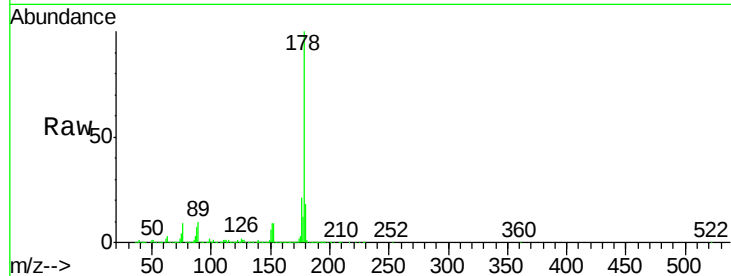
Tgt Ion:178 Resp: 1253516

Ion Ratio Lower Upper

178 100

176 20.7 15.2 22.8

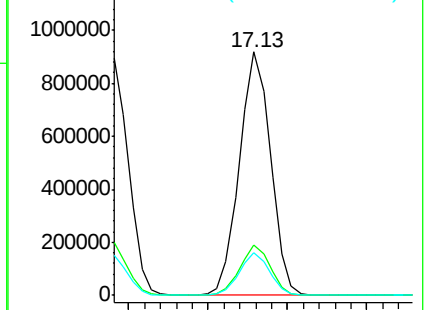
179 17.5 13.6 20.4



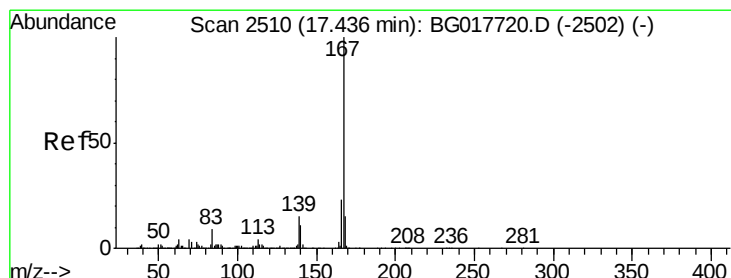
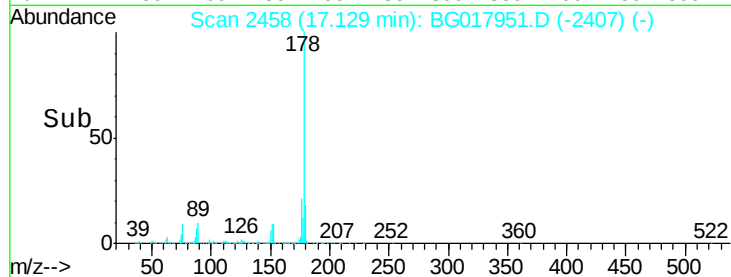
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#72

Carbazole

Concen: 45.32 ng

RT: 17.41 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG017951.D

Acq: 18 Jul 2015 7:39

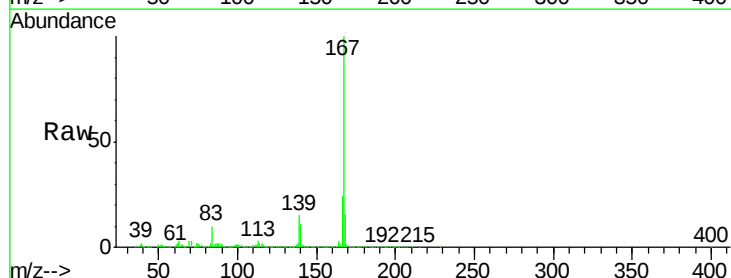
Tgt Ion:167 Resp: 1173260

Ion Ratio Lower Upper

167 100

166 24.4 18.3 27.5

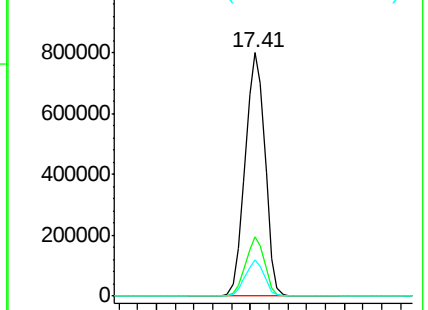
139 14.7 11.9 17.9



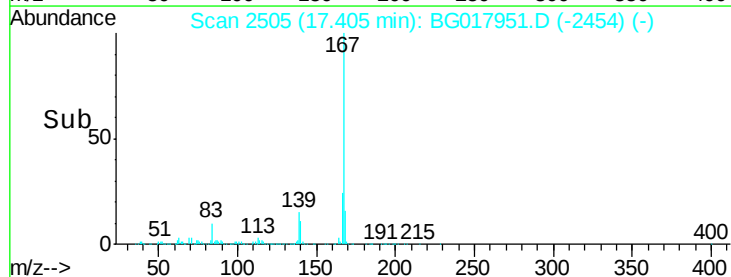
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->





#73

Di-n-butylphthalate

Concen: 47.54 ng

RT: 17.98 min Scan# 2603

Delta R.T. -0.00 min

Lab File: BG017951.D

Acq: 18 Jul 2015 7:39

Instrument :

BNA_G

ClientSampleId :

S-2(8.0-8.5)MSD

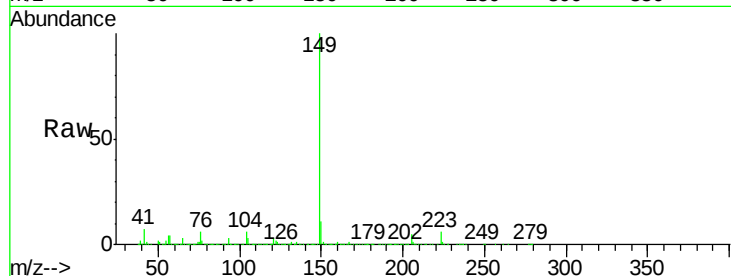
Tgt Ion:149 Resp: 1508875

Ion Ratio Lower Upper

149 100

150 10.6 8.6 12.8

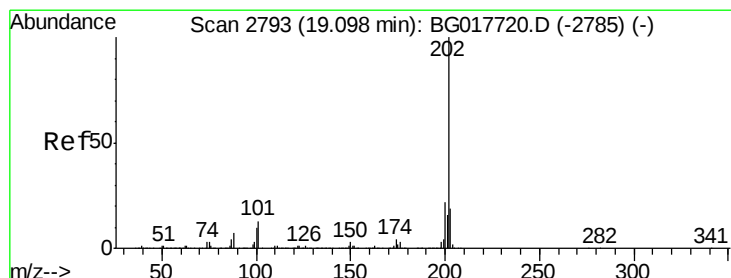
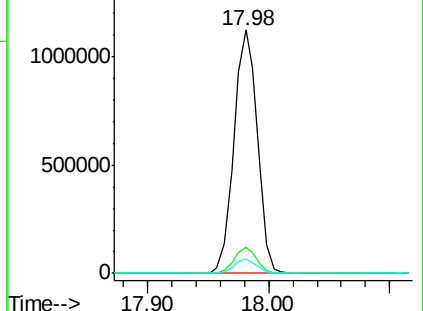
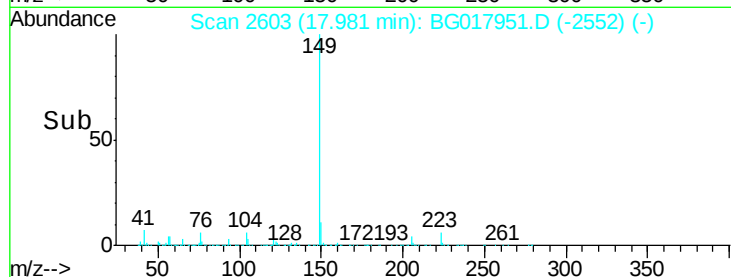
104 6.0 5.0 7.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.56 ng

RT: 19.07 min Scan# 2788

Delta R.T. 0.01 min

Lab File: BG017951.D

Acq: 18 Jul 2015 7:39

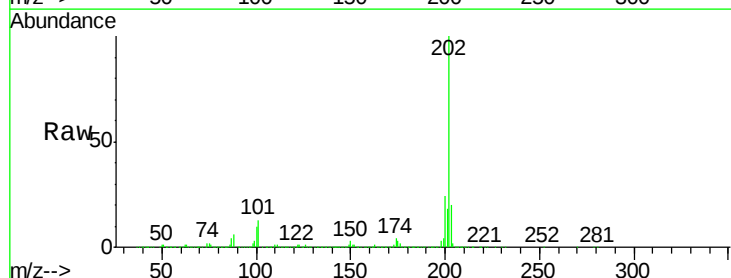
Tgt Ion:202 Resp: 1373963

Ion Ratio Lower Upper

202 100

101 13.1 0.0 33.3

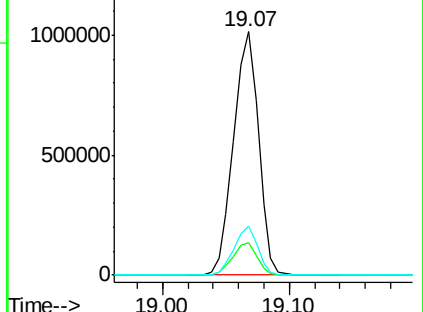
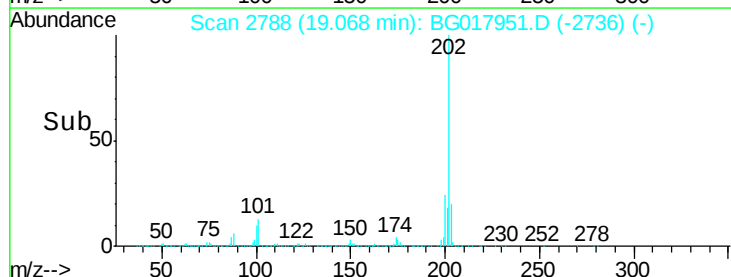
203 19.9 0.0 39.5

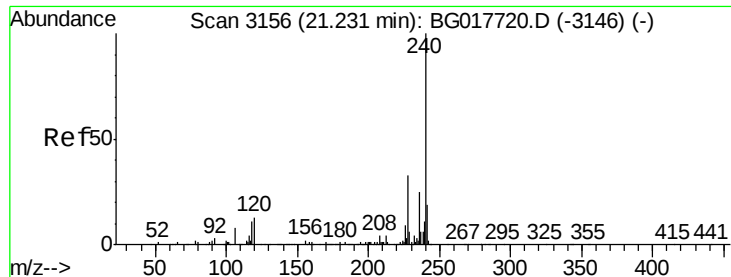


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.20 min Scan# 3151

Delta R.T. -0.00 min

Lab File: BG017951.D

Acq: 18 Jul 2015 7:39

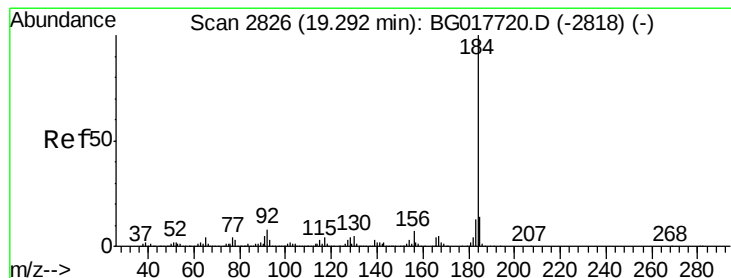
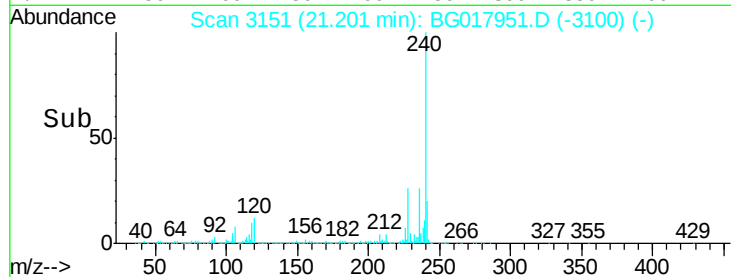
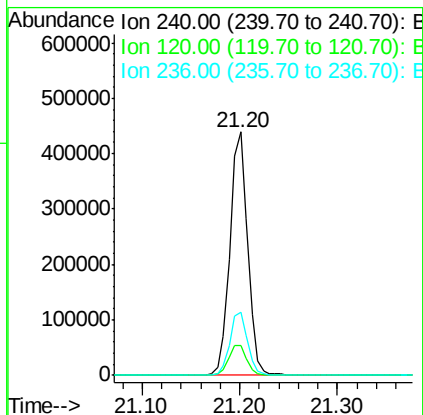
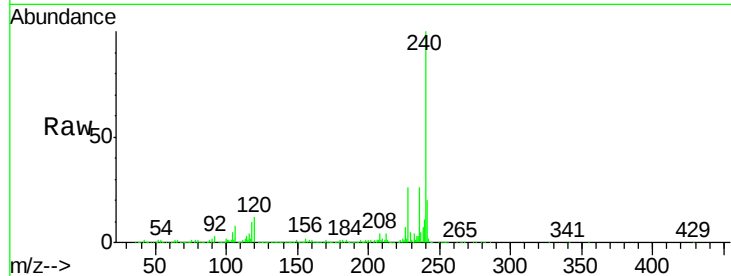
Instrument :

BNA_G

ClientSampleId :

S-2(8.0-8.5)MSD

Tgt Ion:	240	Resp:	555327
Ion Ratio		Lower	Upper
240	100		
120	12.4	10.8	16.2
236	26.1	20.0	30.0



#76

Benzidine

Concen: 18.51 ng

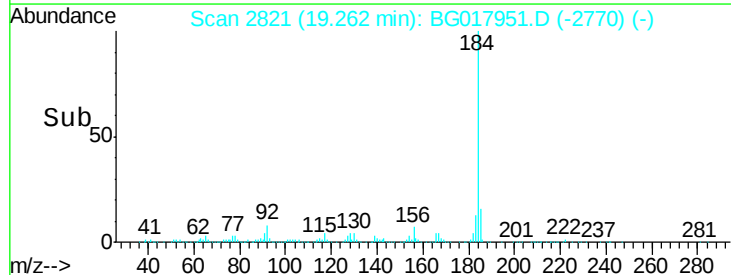
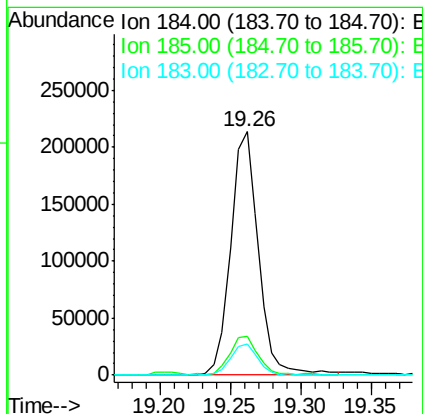
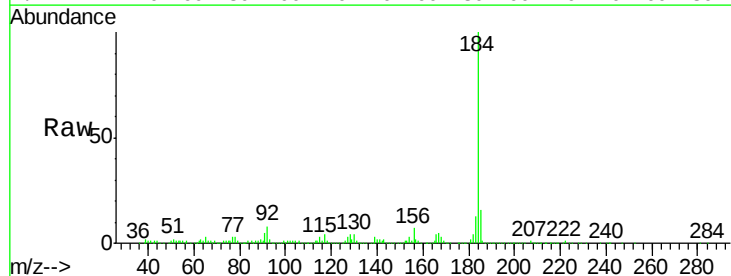
RT: 19.26 min Scan# 2821

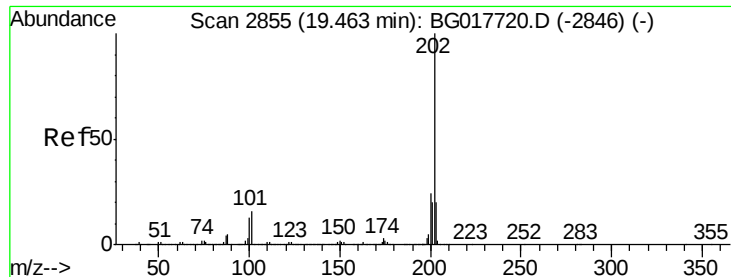
Delta R.T. -0.00 min

Lab File: BG017951.D

Acq: 18 Jul 2015 7:39

Tgt Ion:	184	Resp:	291982
Ion Ratio		Lower	Upper
184	100		
185	16.1	11.5	17.3
183	13.0	10.0	15.0

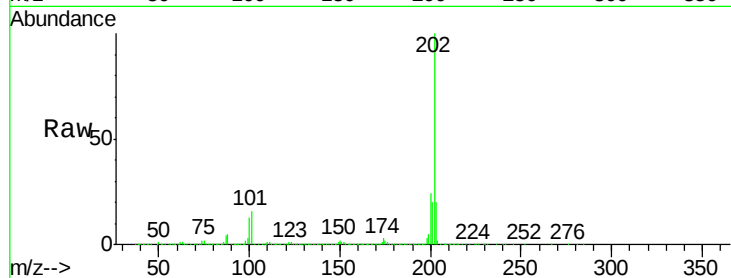




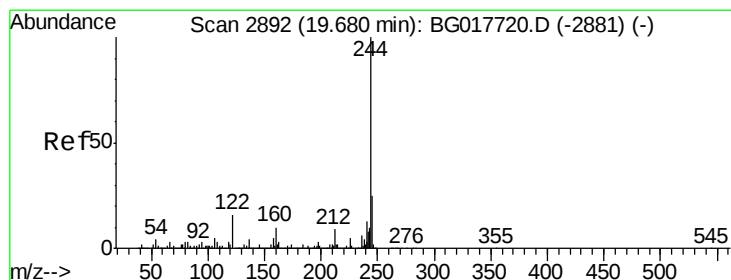
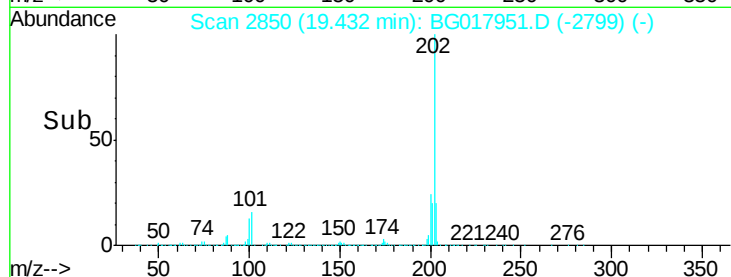
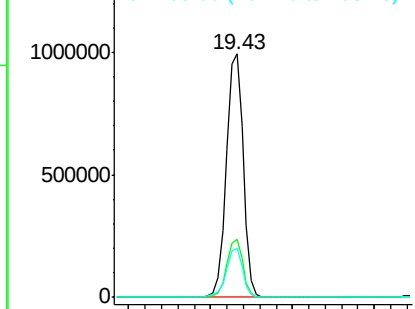
#77
 Pyrene
 Concen: 45.80 ng
 RT: 19.43 min Scan# 2850
 Delta R.T. -0.00 min
 Lab File: BG017951.D
 Acq: 18 Jul 2015 7:39

Instrument :
 BNA_G
 ClientSampleId :
 S-2(8.0-8.5)MSD

Tgt Ion:202 Resp: 1418420
 Ion Ratio Lower Upper
 202 100
 200 23.7 18.8 28.2
 203 20.3 15.9 23.9

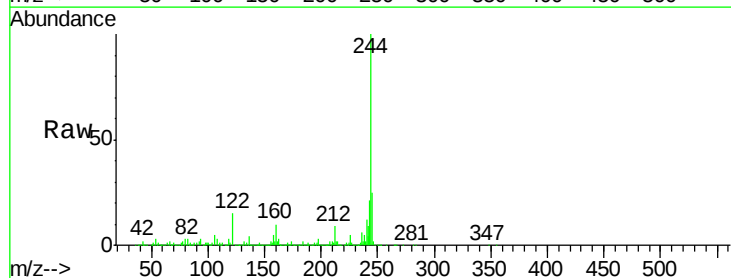


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

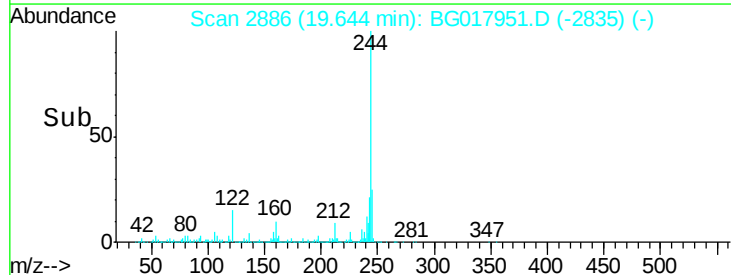
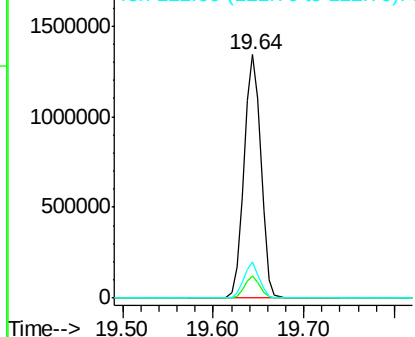


#78
 Terphenyl-d14
 Concen: 78.77 ng
 RT: 19.64 min Scan# 2886
 Delta R.T. -0.00 min
 Lab File: BG017951.D
 Acq: 18 Jul 2015 7:39

Tgt Ion:244 Resp: 1736561
 Ion Ratio Lower Upper
 244 100
 212 9.0 7.2 10.8
 122 14.9 12.8 19.2



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

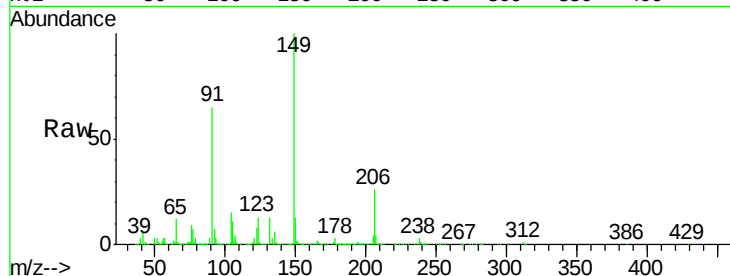




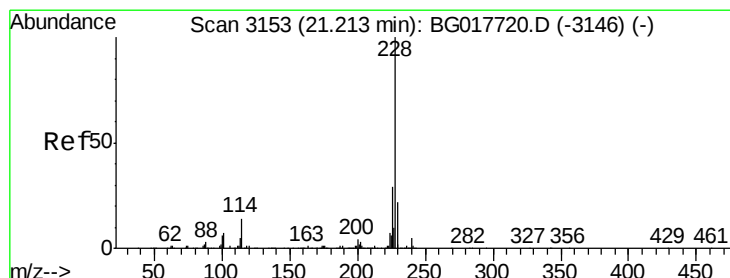
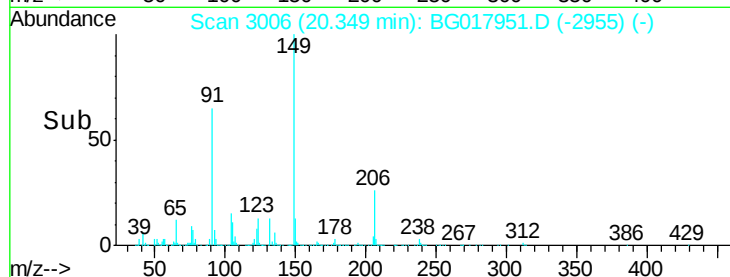
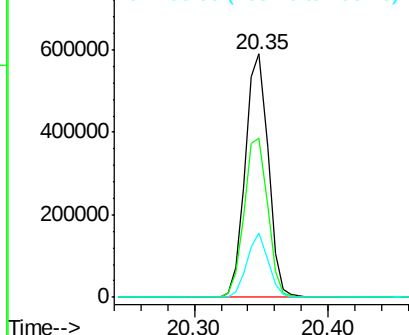
#79
Butylbenzylphthalate
Concen: 50.35 ng
RT: 20.35 min Scan# 3006
Delta R.T. -0.00 min
Lab File: BG017951.D
Acq: 18 Jul 2015 7:39

Instrument :
BNA_G
ClientSampleId :
S-2(8.0-8.5)MSD

Tgt Ion:149 Resp: 698448
Ion Ratio Lower Upper
149 100
91 65.3 59.5 89.3
206 26.3 18.5 27.7

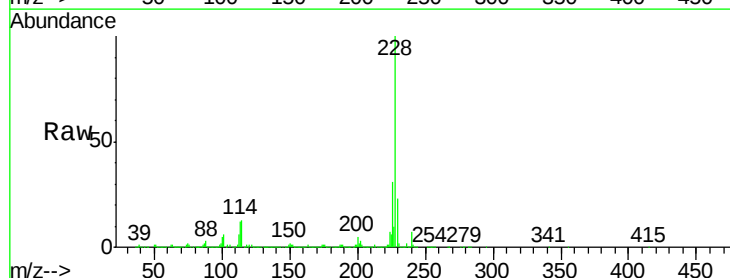


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

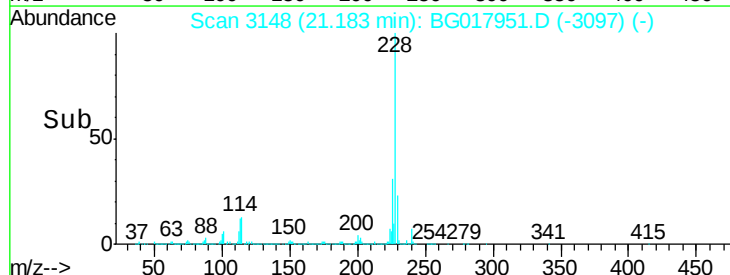
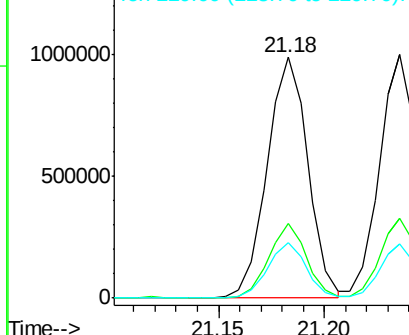


#80
Benzo(a)anthracene
Concen: 44.99 ng
RT: 21.18 min Scan# 3148
Delta R.T. -0.00 min
Lab File: BG017951.D
Acq: 18 Jul 2015 7:39

Tgt Ion:228 Resp: 1319432
Ion Ratio Lower Upper
228 100
226 30.8 23.1 34.7
229 22.9 17.4 26.0



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

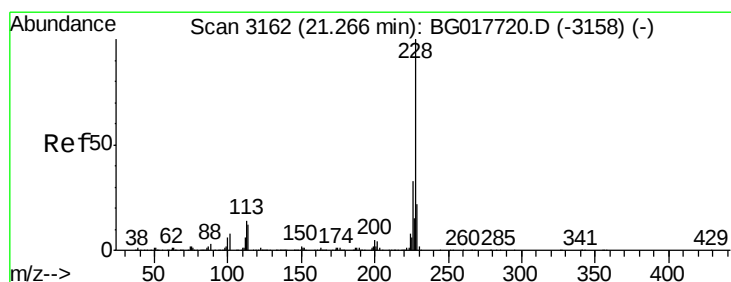
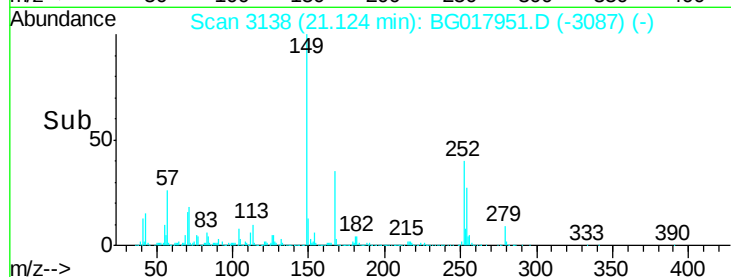
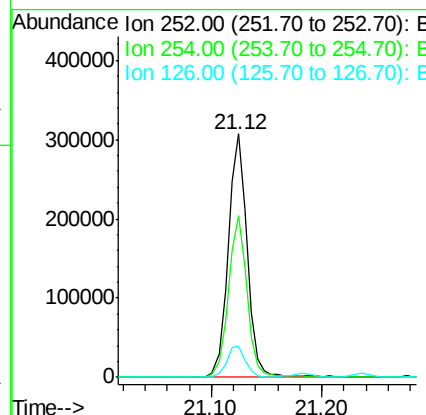
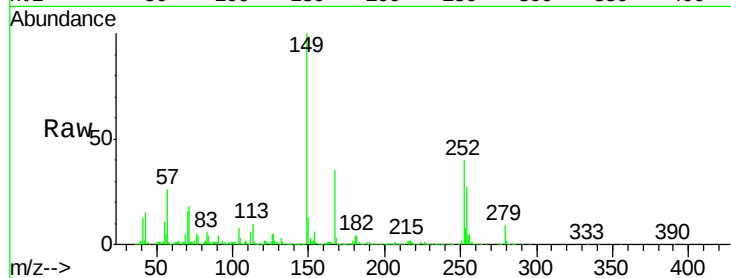




#81
 3,3'-Dichlorobenzidine
 Concen: 34.66 ng
 RT: 21.12 min Scan# 3138
 Delta R.T. -0.00 min
 Lab File: BG017951.D
 Acq: 18 Jul 2015 7:39

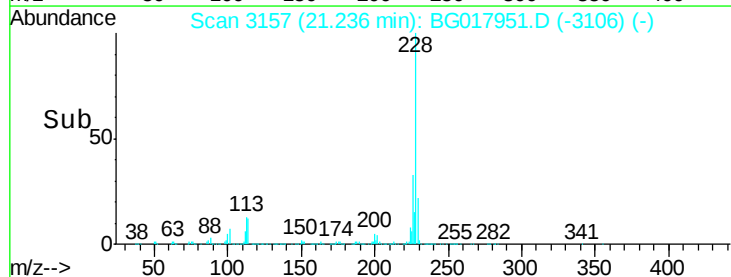
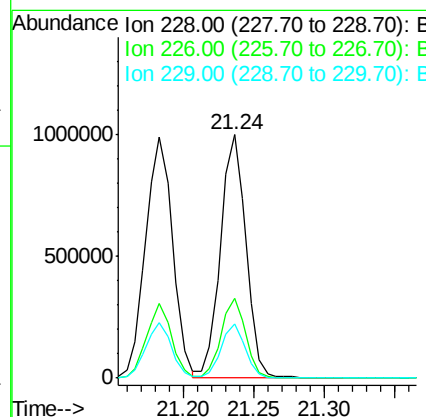
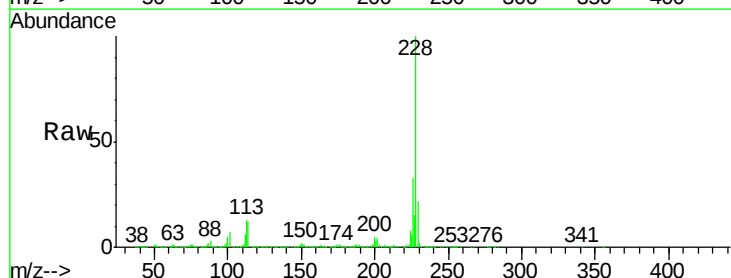
Instrument :
 BNA_G
 ClientSampleId :
 S-2(8.0-8.5)MSD

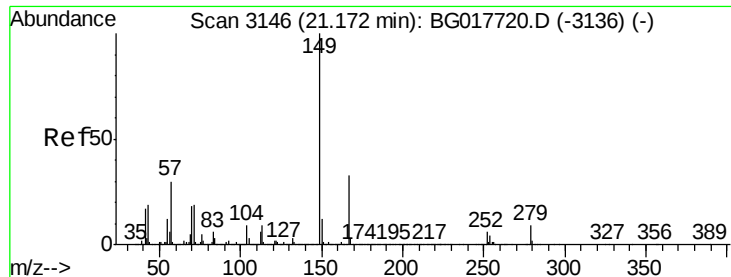
Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.2	51.2	76.8
126	12.9	11.4	17.0



#82
 Chrysene
 Concen: 44.57 ng
 RT: 21.24 min Scan# 3157
 Delta R.T. -0.00 min
 Lab File: BG017951.D
 Acq: 18 Jul 2015 7:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.6	26.1	39.1
229	22.1	17.7	26.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 53.17 ng

RT: 21.13 min Scan# 3139

Delta R.T. -0.00 min

Lab File: BG017951.D

Acq: 18 Jul 2015 7:39

Instrument :

BNA_G

ClientSampleId :

S-2(8.0-8.5)MSD

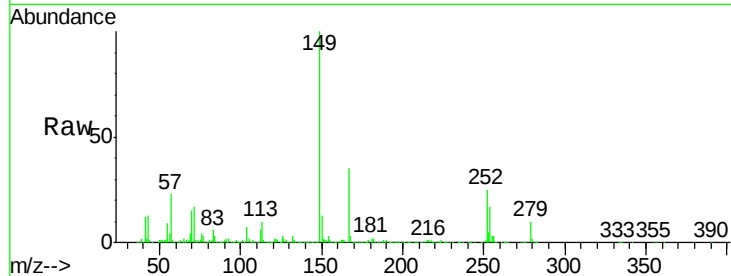
Tgt Ion:149 Resp: 1015600

Ion Ratio Lower Upper

149 100

167 34.7 26.6 39.8

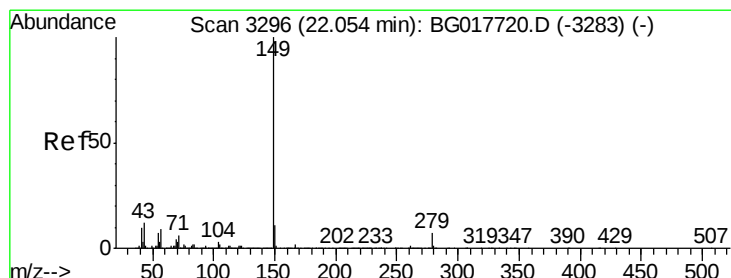
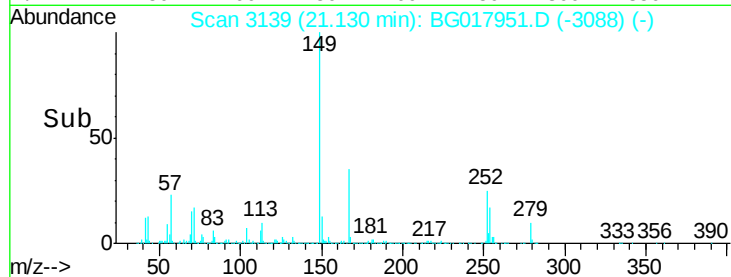
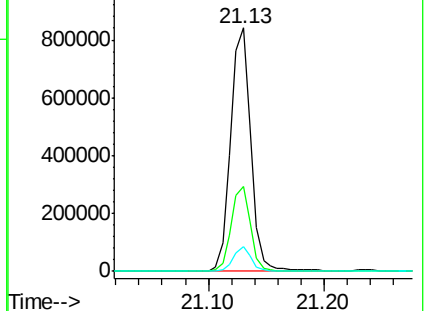
279 10.1 6.9 10.3



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: 51.02 ng

RT: 22.00 min Scan# 3287

Delta R.T. -0.00 min

Lab File: BG017951.D

Acq: 18 Jul 2015 7:39

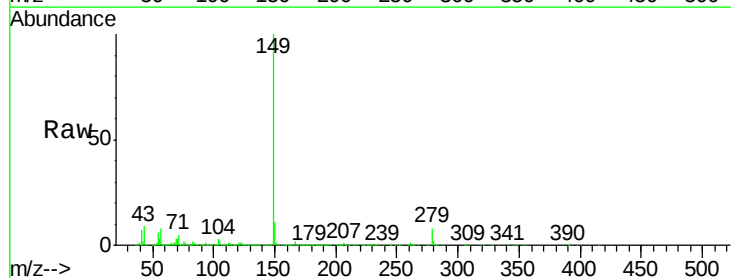
Tgt Ion:149 Resp: 1534892

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

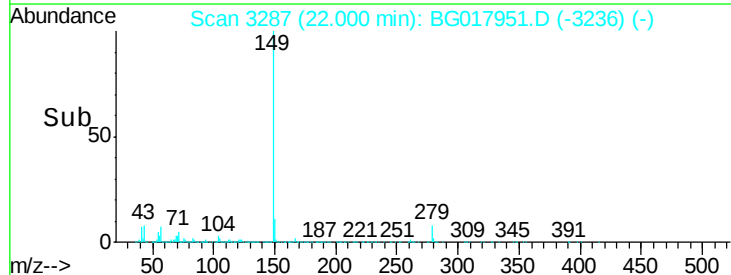
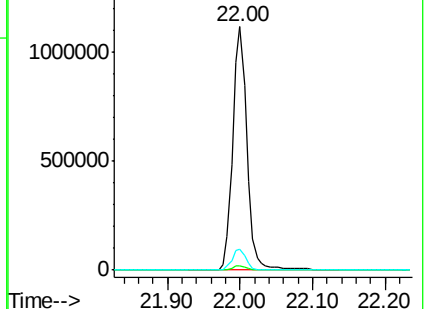
43 8.4 9.7 14.5#



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: 45.94 ng

RT: 25.67 min Scan# 3912

Delta R.T. 0.01 min

Lab File: BG017951.D

Acq: 18 Jul 2015 7:39

Instrument :

BNA_G

ClientSampleId :

S-2(8.0-8.5)MSD

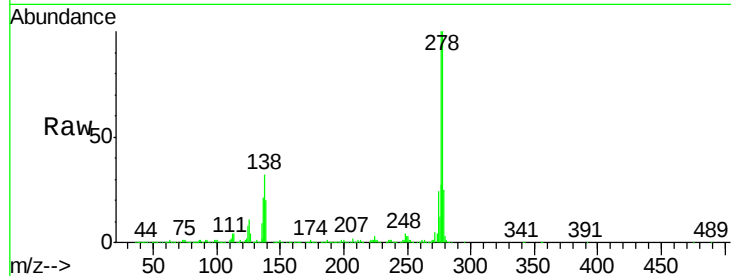
Tgt Ion:276 Resp: 1551909

Ion Ratio Lower Upper

276 100

138 30.2 25.4 38.0

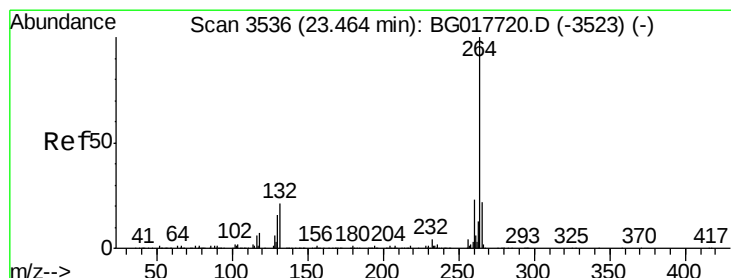
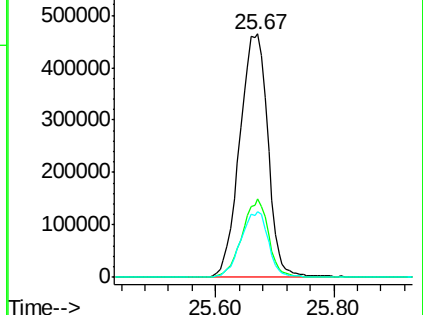
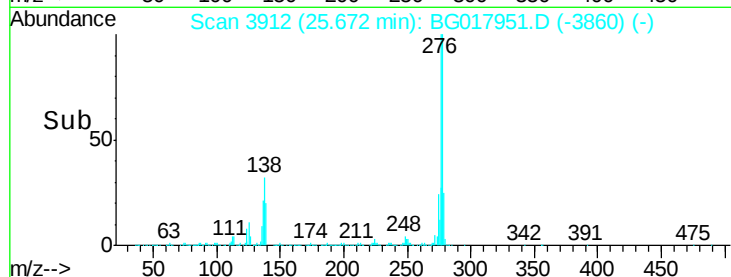
277 26.3 21.0 31.4



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: 23.42 min Scan# 3528

Delta R.T. -0.00 min

Lab File: BG017951.D

Acq: 18 Jul 2015 7:39

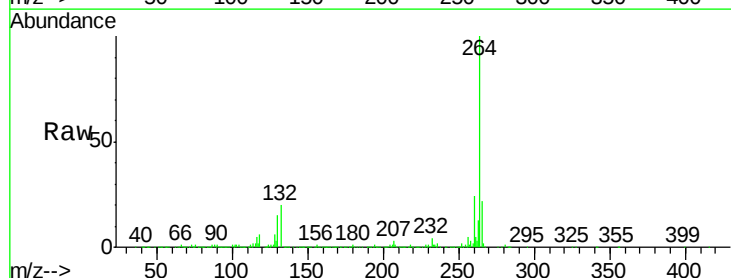
Tgt Ion:264 Resp: 540476

Ion Ratio Lower Upper

264 100

260 23.5 18.6 27.8

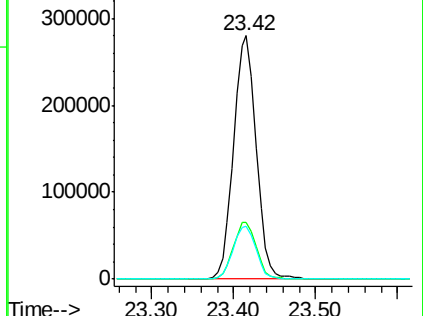
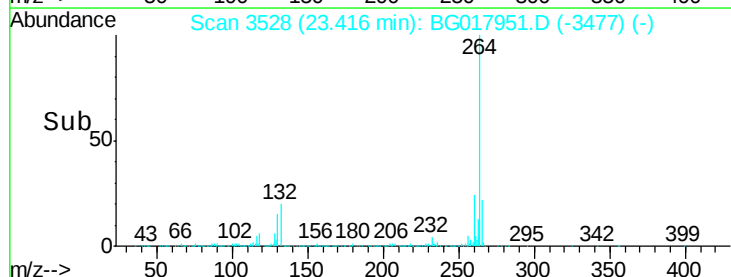
265 21.8 18.2 27.2

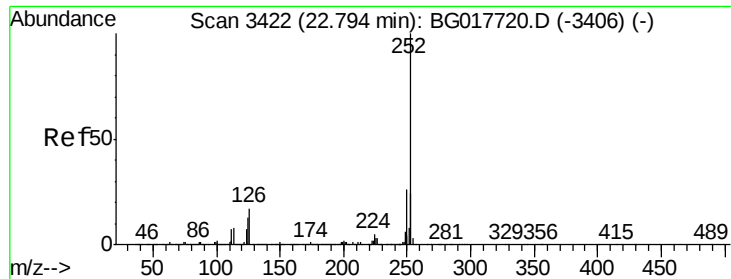


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

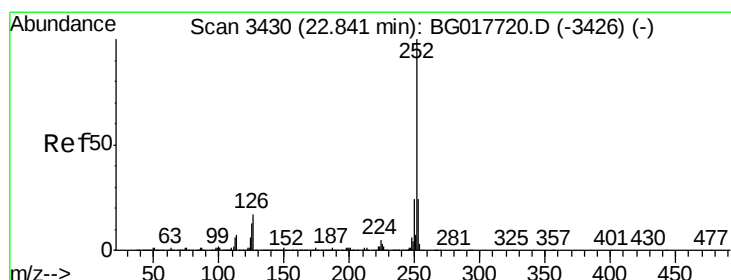
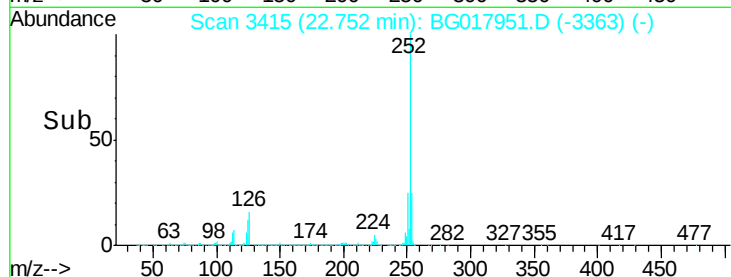
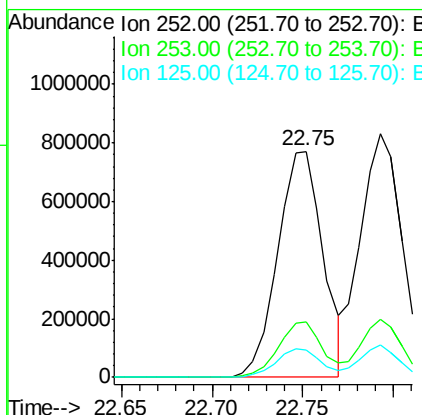
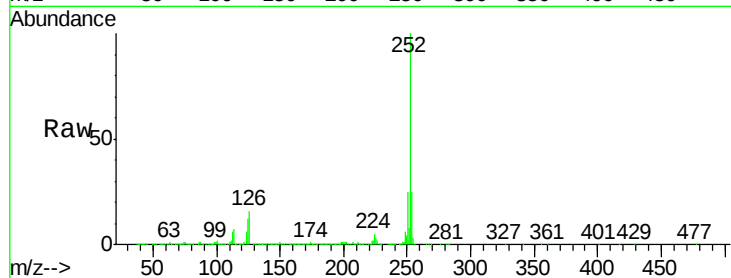




#87
Benzo(b)fluoranthene
Concen: 45.49 ng
RT: 22.75 min Scan# 3415
Delta R.T. 0.01 min
Lab File: BG017951.D
Acq: 18 Jul 2015 7:39

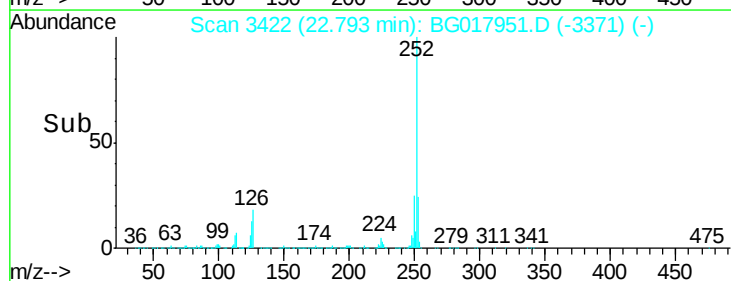
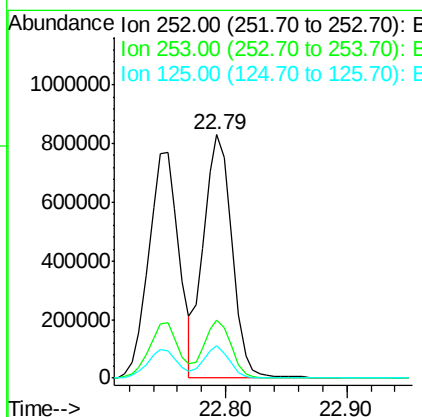
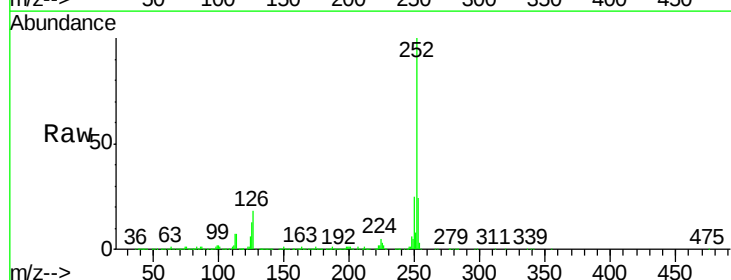
Instrument :
BNA_G
ClientSampleId :
S-2(8.0-8.5)MSD

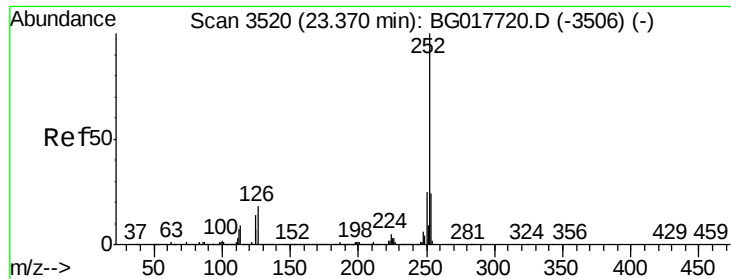
Tgt Ion:252 Resp: 1345230
Ion Ratio Lower Upper
252 100
253 24.6 19.7 29.5
125 12.3 10.6 15.8



#88
Benzo(k)fluoranthene
Concen: 45.42 ng
RT: 22.79 min Scan# 3422
Delta R.T. -0.00 min
Lab File: BG017951.D
Acq: 18 Jul 2015 7:39

Tgt Ion:252 Resp: 1341108
Ion Ratio Lower Upper
252 100
253 24.1 19.0 28.6
125 13.2 10.3 15.5





#89

Benzo(a)pyrene

Concen: 47.54 ng

RT: 23.32 min Scan# 3512

Delta R.T. 0.01 min

Lab File: BG017951.D

Acq: 18 Jul 2015 7:39

Instrument :

BNA_G

ClientSampleId :

S-2(8.0-8.5)MSD

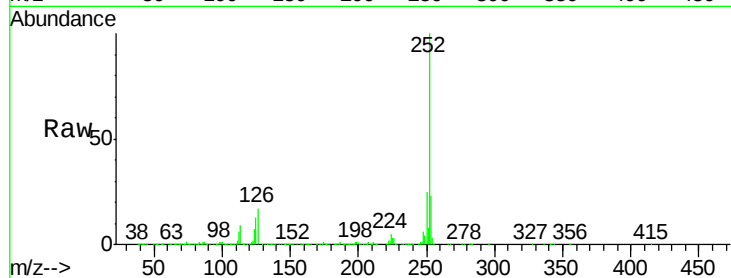
Tgt Ion:252 Resp: 1309775

Ion Ratio Lower Upper

252 100

253 23.2 19.0 28.6

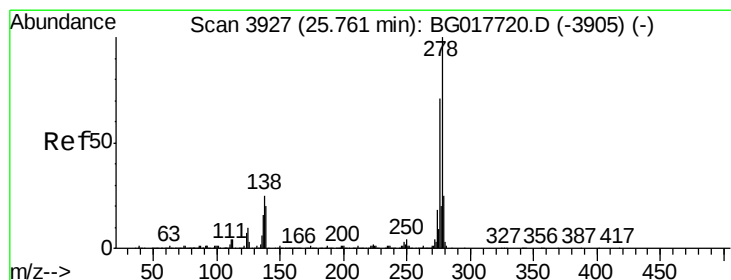
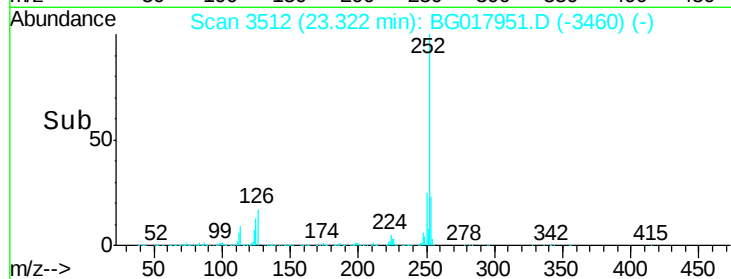
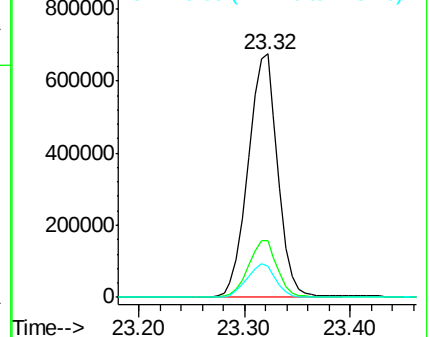
125 13.0 11.1 16.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 46.26 ng

RT: 25.68 min Scan# 3913

Delta R.T. -0.00 min

Lab File: BG017951.D

Acq: 18 Jul 2015 7:39

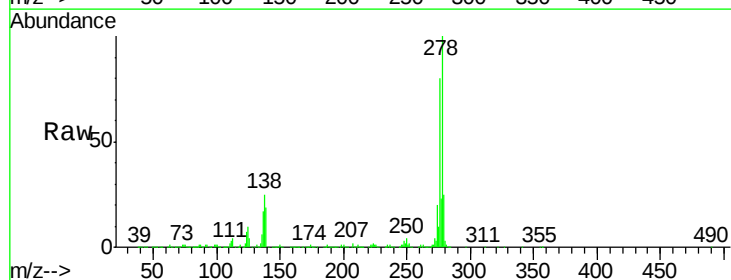
Tgt Ion:278 Resp: 1321565

Ion Ratio Lower Upper

278 100

139 19.2 16.2 24.2

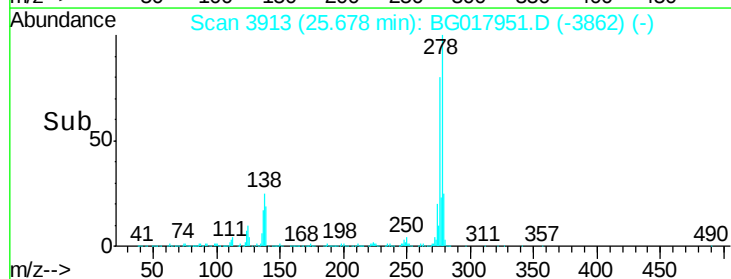
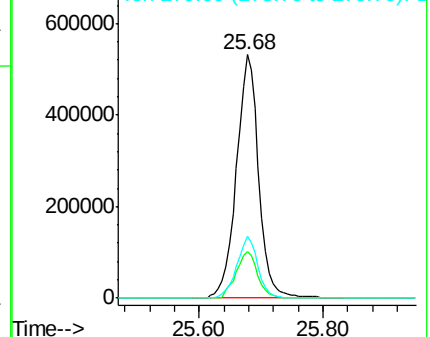
279 25.4 19.9 29.9

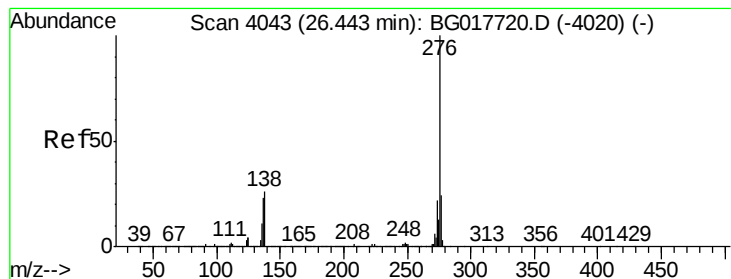


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 46.43 ng

RT: 26.35 min Scan# 4028

Delta R.T. -0.00 min

Lab File: BG017951.D

Acq: 18 Jul 2015 7:39

Instrument :

BNA_G

ClientSampleId :

S-2(8.0-8.5)MSD

Tgt Ion:276 Resp: 1279003

Ion Ratio Lower Upper

276 100

277 24.0 18.9 28.3

138 26.2 20.8 31.2

