

Data Path : U:\HPCHEM1\BNA G\DATA\BG011918\
 Data File : BG032160.D
 Acq On : 19 Jan 2018 20:22
 Operator : SJ/JU
 Sample : PB105788BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 19 22:22:09 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 18 10:13:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	43695	20.00	ng	0.00
21) Naphthalene-d8	11.63	136	192403	20.00	ng	0.00
38) Acenaphthene-d10	15.38	164	137901	20.00	ng	0.00
63) Phenanthrene-d10	18.11	188	352086	20.00	ng	0.00
75) Chrysene-d12	22.45	240	406765	20.00	ng	0.00
86) Perylene-d12	26.15	264	435539	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.17	112	340757	142.63	ng	0.00
7) Phenol-d6	7.85	99	424737	141.16	ng	0.00
23) Nitrobenzene-d5	9.94	82	250355	88.03	ng	0.00
41) 2,4,6-Tribromophenol	16.86	330	293679	128.70	ng	0.00
44) 2-Fluorobiphenyl	14.01	172	893729	80.36	ng	0.00
78) Terphenyl-d14	20.65	244	1617462	87.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.82	88	22192	24.178	ng	# 78
3) Pyridine	4.28	79	71039	28.996	ng	# 79
4) n-Nitrosodimethylamine	4.18	42	43571	50.622	ng	# 79
6) Aniline	8.03	93	80473	21.204	ng	# 93
8) 2-Chlorophenol	8.29	128	121830	45.571	ng	# 82
9) Benzaldehyde	7.84	77	69074	39.621	ng	# 87
10) Phenol	7.88	94	138887	46.858	ng	# 97
11) bis(2-Chloroethyl)ether	8.13	93	89749	37.795	ng	# 84
12) 1,3-Dichlorobenzene	8.63	146	126940	36.280	ng	# 96
13) 1,4-Dichlorobenzene	8.78	146	132800	37.696	ng	# 97
14) 1,2-Dichlorobenzene	9.11	146	127803	37.507	ng	# 97
15) Benzyl Alcohol	8.98	79	105341	48.192	ng	# 96
16) 2,2'-oxybis(1-Chloropropan	9.27	45	94477	39.149	ng	# 81
17) 2-Methylphenol	9.18	107	99033	43.720	ng	# 95
18) Hexachloroethane	9.87	117	43888	40.535	ng	# 85
19) n-Nitroso-di-n-propylamine	9.55	70	79557	42.614	ng	# 84
20) 3+4-Methylphenols	9.51	107	135301	43.117	ng	# 92
22) Acetophenone	9.58	105	173181	39.626	ng	# 91
24) Nitrobenzene	9.98	77	120397	42.442	ng	# 91
25) Isophorone	10.51	82	221072	41.747	ng	# 88
26) 2-Nitrophenol	10.71	139	73064	43.468	ng	# 82
27) 2,4-Dimethylphenol	10.75	122	123792	46.410	ng	# 97
28) bis(2-Chloroethoxy)methane	10.99	93	132124	41.412	ng	# 96
29) 2,4-Dichlorophenol	11.25	162	151758	46.238	ng	# 91
30) 1,2,4-Trichlorobenzene	11.48	180	166488	39.278	ng	# 96
31) Naphthalene	11.68	128	362974	38.083	ng	# 98
32) Benzoic acid	10.86	122	65599	32.556	ng	# 74
33) 4-Chloroaniline	11.77	127	70814	17.326	ng	# 93
34) Hexachlorobutadiene	11.95	225	116964	38.419	ng	# 96
35) Caprolactam	12.53	113	45148	45.342	ng	# 46
36) 4-Chloro-3-methylphenol	12.84	107	144765	48.188	ng	# 88
37) 2-Methylnaphthalene	13.24	142	306910	40.559	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	13.60	216	232630	38.700	ng	# 96
40) Hexachlorocyclopentadiene	13.57	237	315205	93.100	ng	# 92

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 ALS Vial : 11 Sample Multiplier: 1

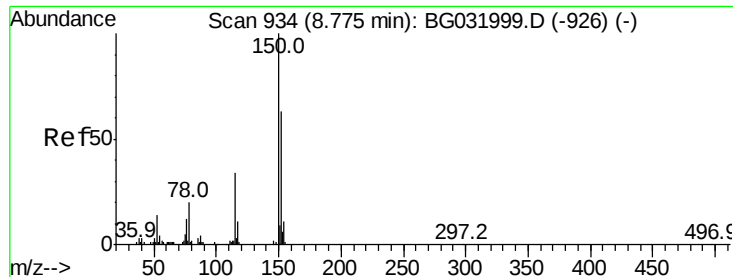
Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 19 22:22:09 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	13.82	196	145162	42.979	ng	97
43) 2,4,5-Trichlorophenol	13.90	196	160783	41.127	ng	# 91
45) 1,1'-Biphenyl	14.22	154	443334	37.501	ng	97
46) 2-Chloronaphthalene	14.27	162	347603	37.796	ng	96
47) 2-Nitroaniline	14.46	65	81099	46.063	ng	# 73
48) Acenaphthylene	15.11	152	522335	37.297	ng	100
49) Dimethylphthalate	14.81	163	472781	39.178	ng	99
50) 2,6-Dinitrotoluene	14.94	165	106853	42.659	ng	# 73
51) Acenaphthene	15.45	154	398830	43.068	ng	97
52) 3-Nitroaniline	15.26	138	56873	25.140	ng	# 79
53) 2,4-Dinitrophenol	15.47	184	123846	96.949	ng	# 57
54) Dibenzofuran	15.78	168	552365	39.985	ng	99
55) 4-Nitrophenol	15.55	139	151635	91.973	ng	# 79
56) 2,4-Dinitrotoluene	15.72	165	150439	44.611	ng	# 68
57) Fluorene	16.42	166	445826	39.350	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.99	232	171609	47.451	ng	# 85
59) Diethylphthalate	16.15	149	454277	38.831	ng	95
60) 4-Chlorophenyl-phenylether	16.39	204	285341	41.056	ng	92
61) 4-Nitroaniline	16.42	138	87803	40.460	ng	90
62) Azobenzene	16.69	77	300920	41.096	ng	88
64) 4,6-Dinitro-2-methylphenol	16.48	198	92205	41.636	ng	# 66
65) n-Nitrosodiphenylamine	16.60	169	415967	38.934	ng	98
66) 4-Bromophenyl-phenylether	17.29	248	205041	40.930	ng	94
67) Hexachlorobenzene	17.42	284	206016	37.172	ng	# 91
68) Atrazine	17.53	200	192108	42.757	ng	96
69) Pentachlorophenol	17.75	266	265552	74.961	ng	98
70) Phenanthrene	18.16	178	764699	39.010	ng	100
71) Anthracene	18.25	178	782444	40.020	ng	99
72) Carbazole	18.50	167	677066	39.920	ng	99
73) Di-n-butylphthalate	19.01	149	766794	38.260	ng	100
74) Fluoranthene	20.12	202	1001541	40.806	ng	94
76) Benzidine	20.28	184	373224	36.693	ng	98
77) Pyrene	20.48	202	1003109	39.229	ng	98
79) Butylbenzylphthalate	21.34	149	343704	37.515	ng	# 75
80) Benzo(a)anthracene	22.43	228	1032543	40.817	ng	99
81) 3,3'-Dichlorobenzidine	22.32	252	236573	25.034	ng	# 98
82) Chrysene	22.50	228	968637	39.871	ng	98
83) Bis(2-ethylhexyl)phthalate	22.27	149	473552	35.248	ng	# 98
84) Di-n-octyl phthalate	23.65	149	808877	37.908	ng	# 89
85) Indeno(1,2,3-cd)pyrene	30.44	276	1264804	42.541	ng	# 79
87) Benzo(b)fluoranthene	24.97	252	1094680	41.582	ng	# 96
88) Benzo(k)fluoranthene	25.04	252	1033345	40.169	ng	# 97
89) Benzo(a)pyrene	25.98	252	1049585	42.146	ng	# 95
90) Dibenzo(a,h)anthracene	30.52	278	1051558	43.819	ng	# 94
91) Benzo(g,h,i)perylene	31.80	276	1058171	43.141	ng	# 93

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

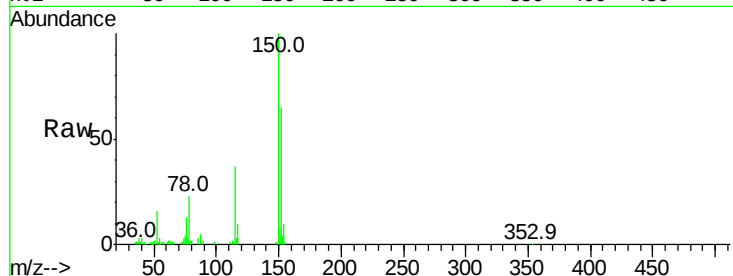


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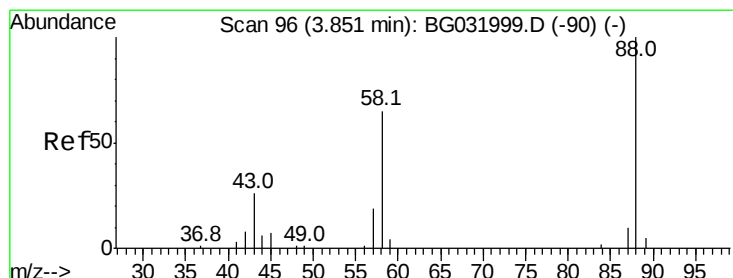
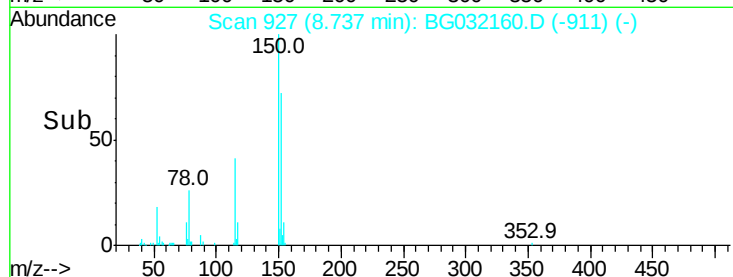
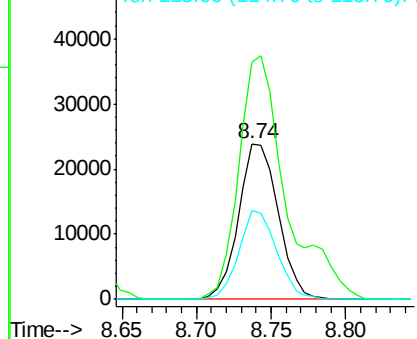
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.74 min Scan# 927
Delta R.T. -0.00 min
Lab File: BG032160.D
Acq: 19 Jan 2018 20:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 43695
Ion Ratio Lower Upper
152 100
150 152.9 126.6 189.8
115 57.1 53.0 79.4



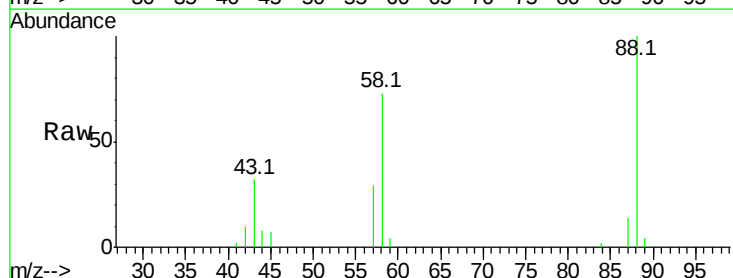
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



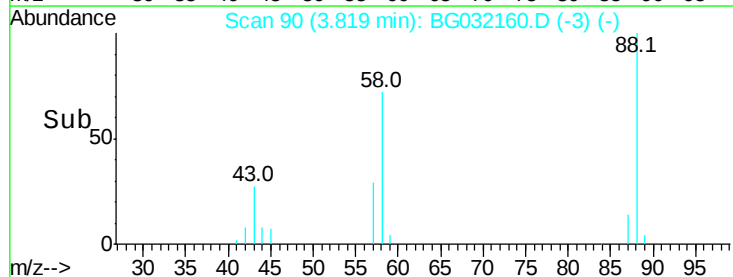
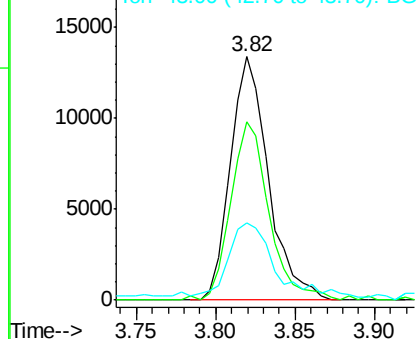
#2

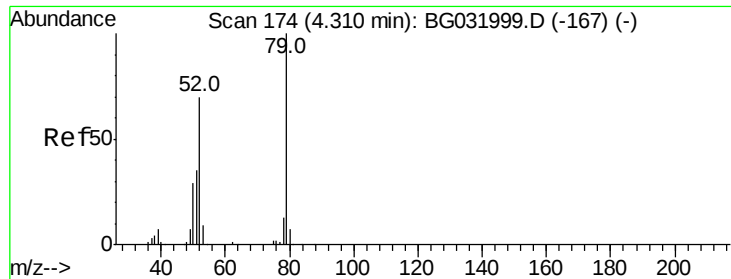
1,4-Dioxane
Concen: 24.178 ng
RT: 3.82 min Scan# 90
Delta R.T. -0.02 min
Lab File: BG032160.D
Acq: 19 Jan 2018 20:22

Tgt Ion: 88 Resp: 22192
Ion Ratio Lower Upper
88 100
58 73.8 79.6 119.4#
43 40.8 27.4 41.0



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 28.996 ng

RT: 4.28 min Scan# 168

Delta R.T. -0.01 min

Lab File: BG032160.D

Acq: 19 Jan 2018 20:22

Instrument :

BNA_G

ClientSampleId :

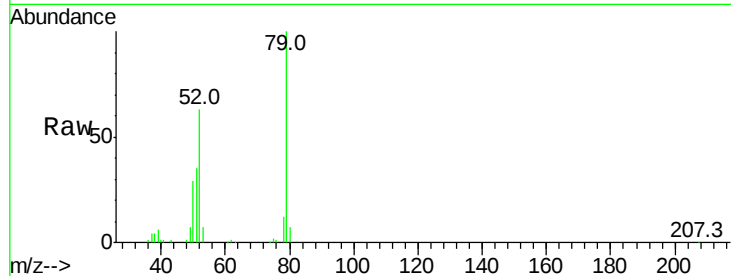
Tot Ion: 79 Resp: 71039

Ion Ratio Lower Upper

79 100

52 63.2 69.9 104.9#

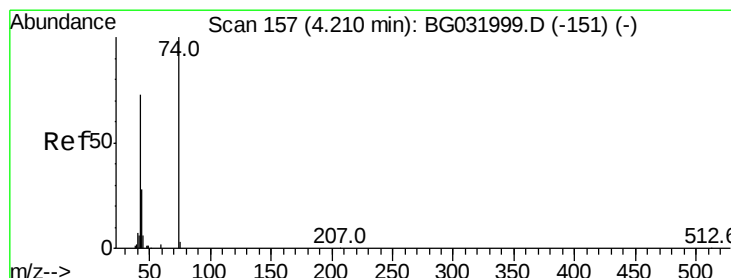
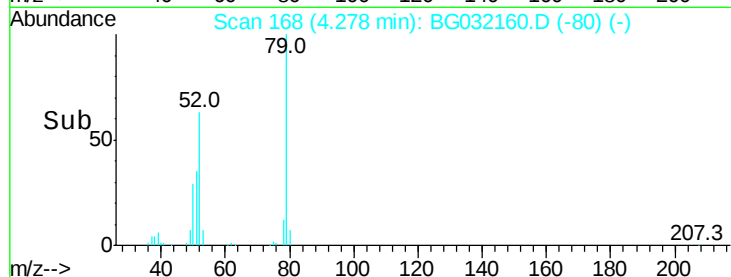
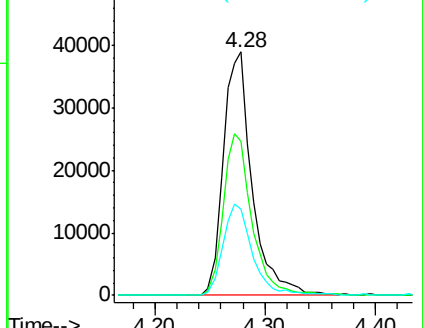
51 35.2 34.0 51.0



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: 50.622 ng

RT: 4.18 min Scan# 151

Delta R.T. -0.02 min

Lab File: BG032160.D

Acq: 19 Jan 2018 20:22

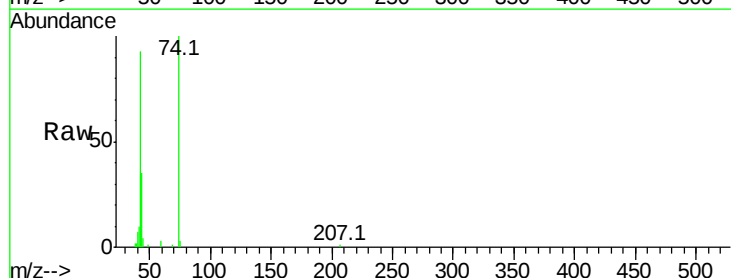
Tgt Ion: 42 Resp: 43571

Ion Ratio Lower Upper

42 100

74 107.8 102.5 153.7

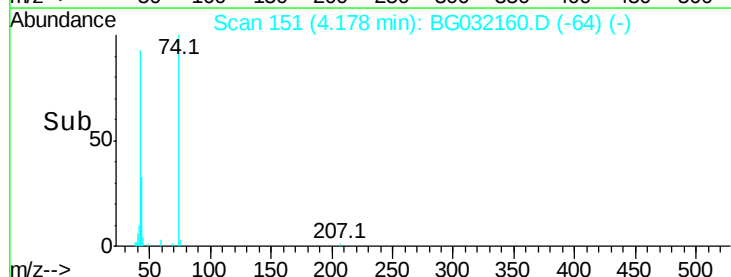
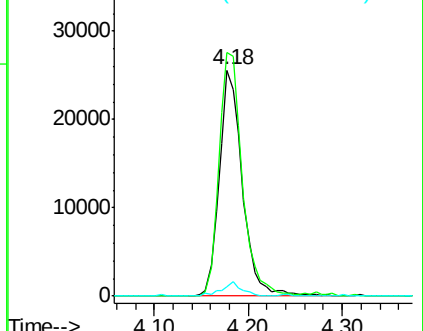
44 4.2 18.9 28.3#

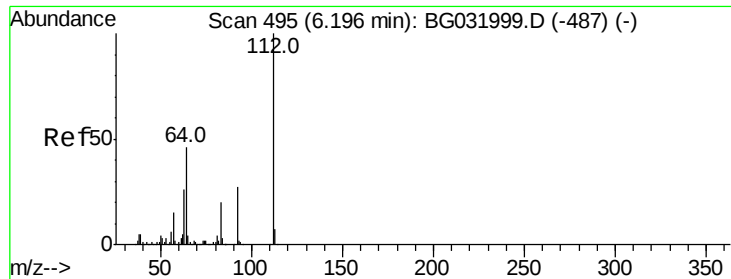


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 142.630 ng

RT: 6.17 min Scan# 490

Delta R.T. 0.00 min

Lab File: BG032160.D

Acq: 19 Jan 2018 20:22

Instrument :

BNA_G

ClientSampleId :

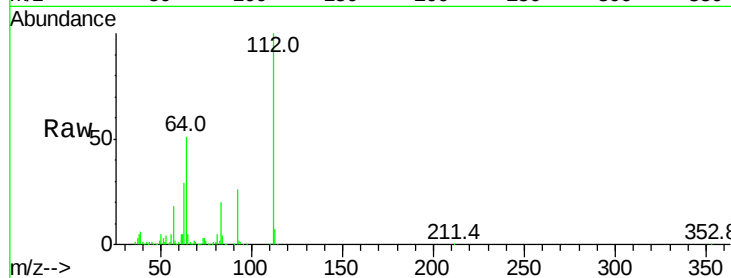
Tot Ion:112 Resp: 340757

Ion Ratio Lower Upper

112 100

64 51.0 56.3 84.5#

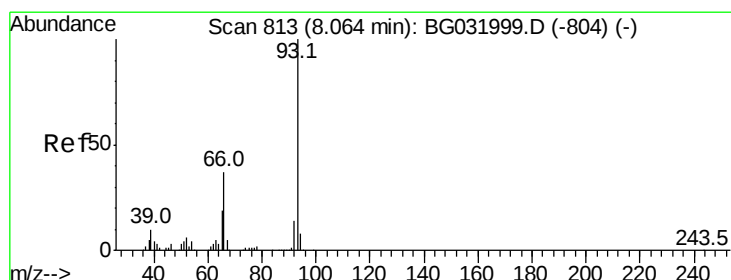
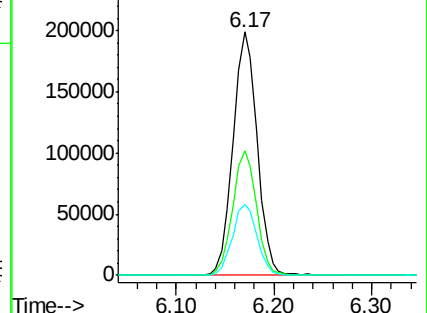
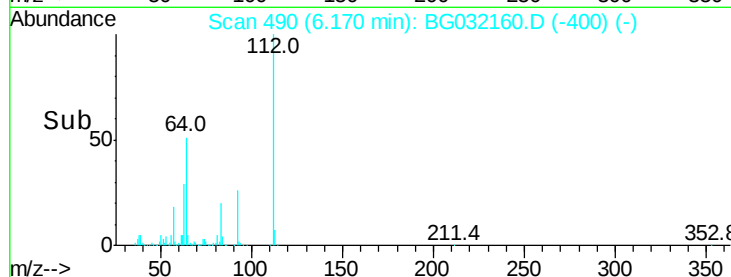
63 28.9 30.1 45.1#



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: 21.204 ng

RT: 8.03 min Scan# 807

Delta R.T. -0.00 min

Lab File: BG032160.D

Acq: 19 Jan 2018 20:22

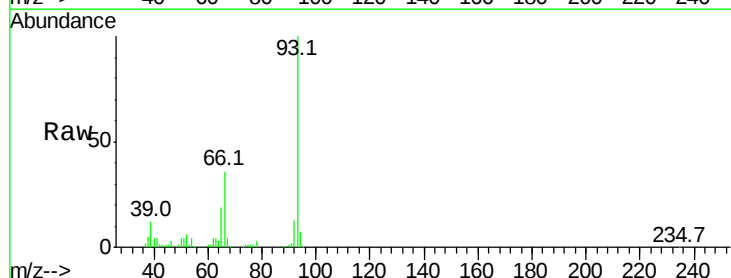
Tgt Ion: 93 Resp: 80473

Ion Ratio Lower Upper

93 100

66 36.2 33.7 50.5

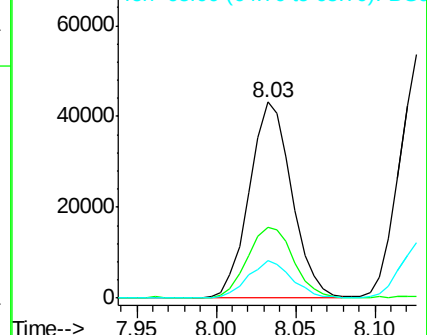
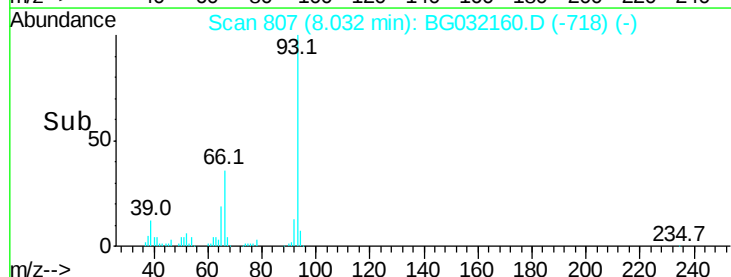
65 19.2 16.1 24.1

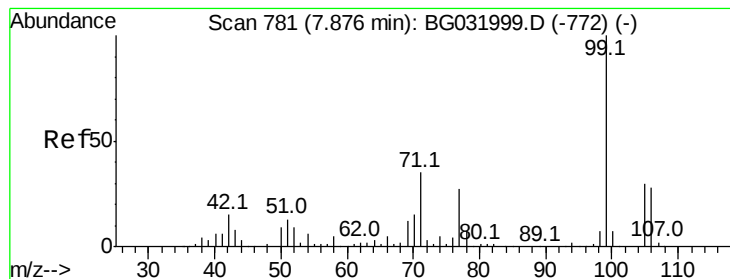


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 141.159 ng

RT: 7.85 min Scan# 776

Delta R.T. 0.00 min

Lab File: BG032160.D

Acq: 19 Jan 2018 20:22

Instrument :

BNA_G

ClientSampled :

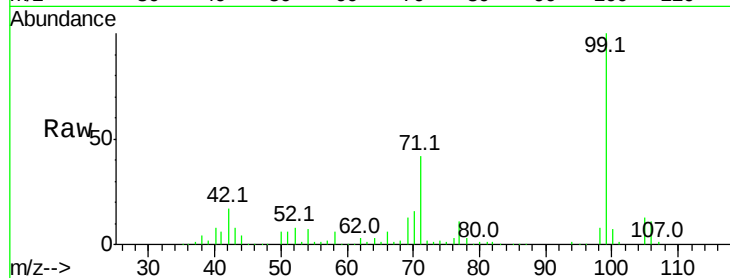
Tot Ion: 99 Resp: 424737

Ion Ratio Lower Upper

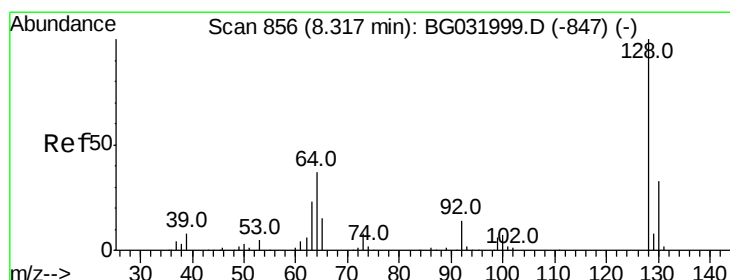
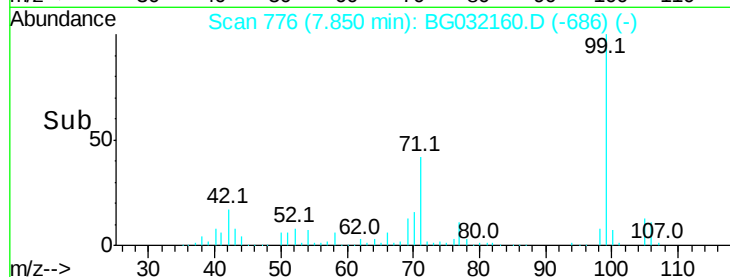
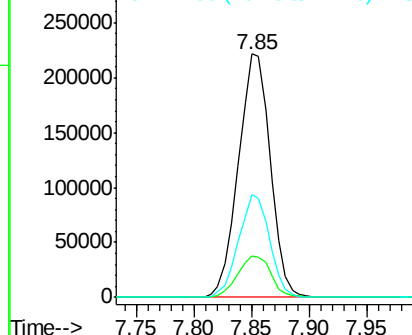
99 100

42 17.1 14.1 21.1

71 42.0 26.1 39.1#



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: 45.571 ng

RT: 8.29 min Scan# 851

Delta R.T. 0.00 min

Lab File: BG032160.D

Acq: 19 Jan 2018 20:22

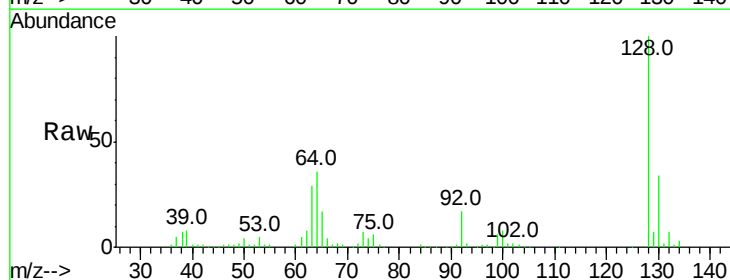
Tgt Ion:128 Resp: 121830

Ion Ratio Lower Upper

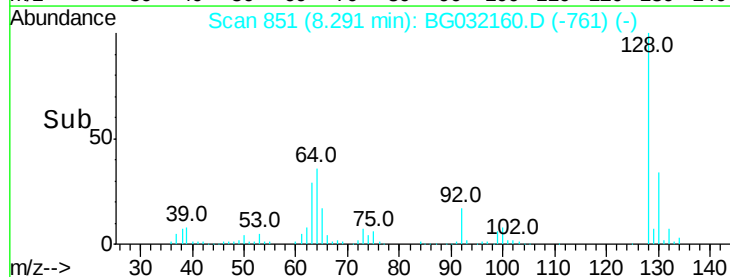
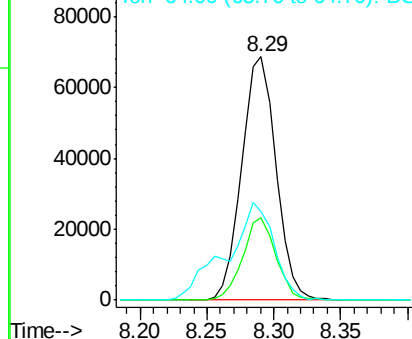
128 100

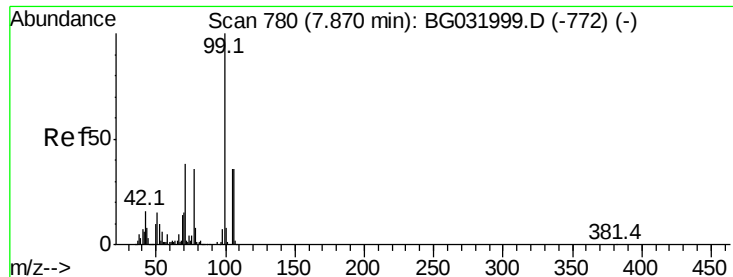
130 34.1 14.0 54.0

64 36.4 37.7 77.7#



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: 39.621 ng

RT: 7.84 min Scan# 774

Delta R.T. -0.00 min

Lab File: BG032160.D

Acq: 19 Jan 2018 20:22

Instrument :

BNA_G

ClientSampleId :

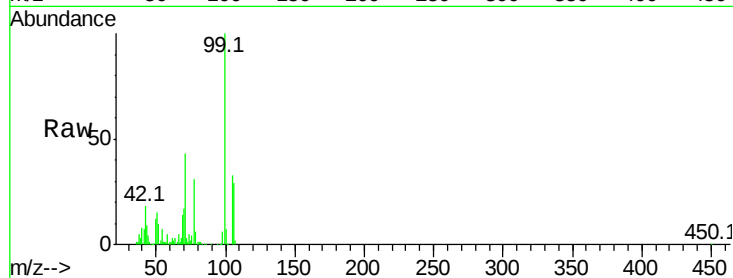
Tot Ion: 77 Resp: 69074

Ion Ratio Lower Upper

77 100

105 105.6 71.3 111.3

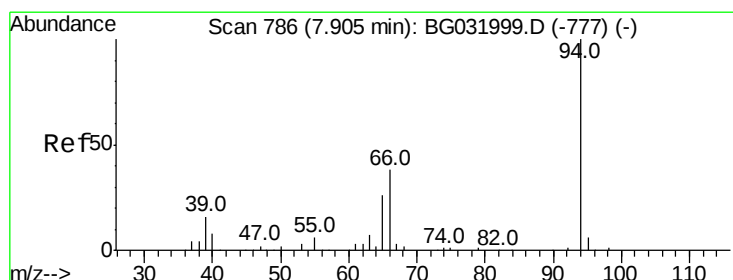
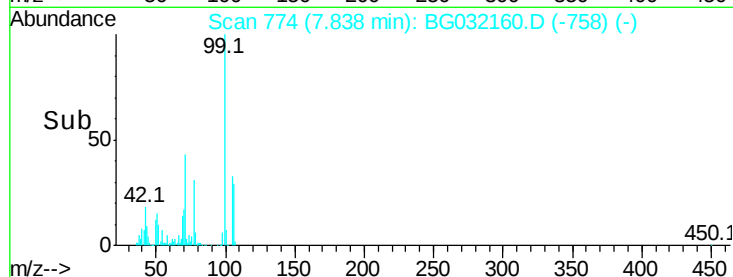
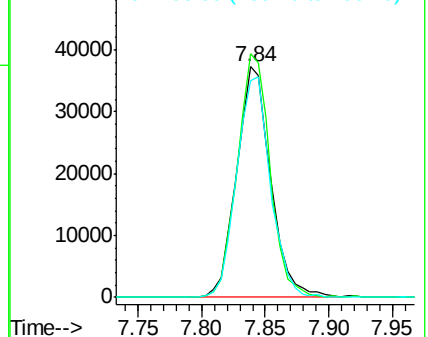
106 93.9 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 46.858 ng

RT: 7.88 min Scan# 781

Delta R.T. 0.00 min

Lab File: BG032160.D

Acq: 19 Jan 2018 20:22

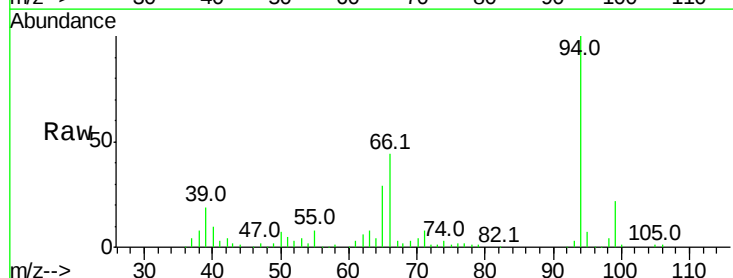
Tgt Ion: 94 Resp: 138887

Ion Ratio Lower Upper

94 100

65 29.4 11.9 51.9

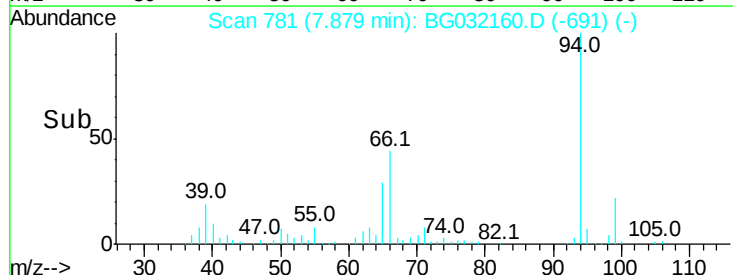
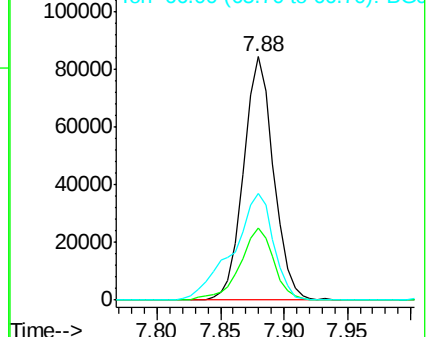
66 43.9 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 37.795 ng

RT: 8.13 min Scan# 823

Delta R.T. -0.00 min

Lab File: BG032160.D

Acq: 19 Jan 2018 20:22

Instrument :

BNA_G

ClientSampleId :

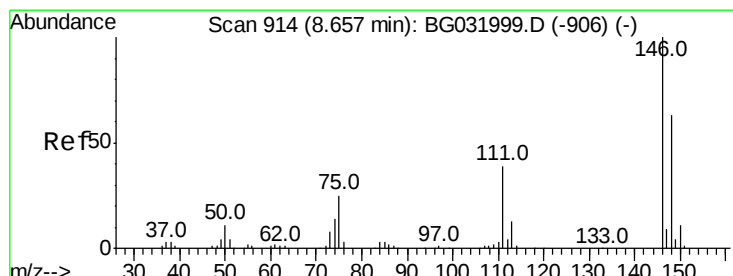
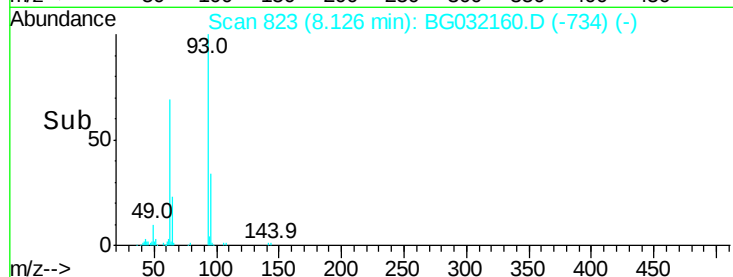
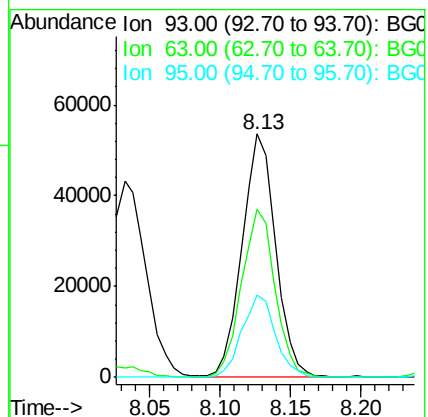
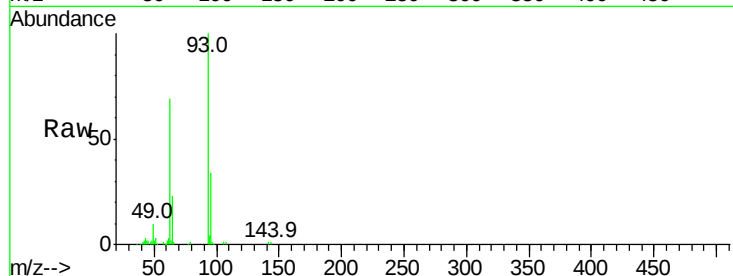
Tot Ion: 93 Resp: 89749

Ion Ratio Lower Upper

93 100

63 68.9 67.1 107.1

95 33.8 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 36.280 ng

RT: 8.63 min Scan# 908

Delta R.T. -0.00 min

Lab File: BG032160.D

Acq: 19 Jan 2018 20:22

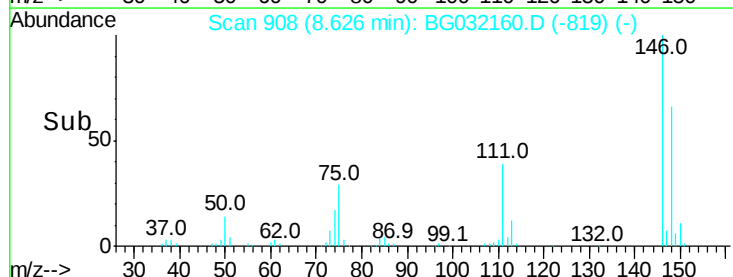
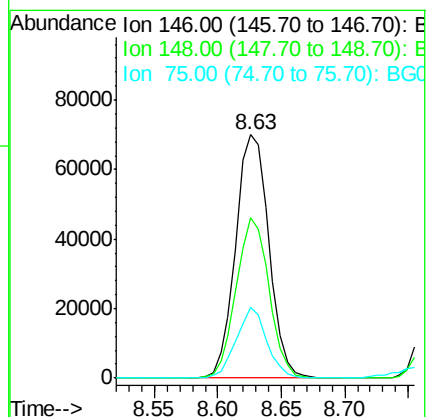
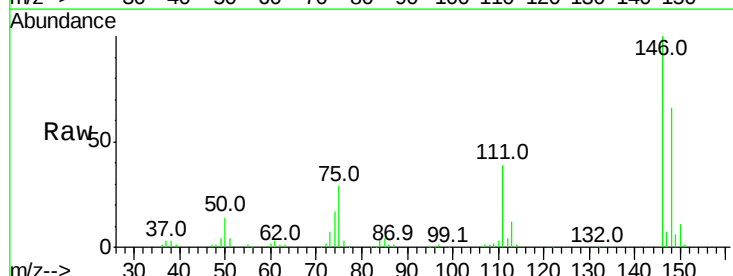
Tgt Ion: 146 Resp: 126940

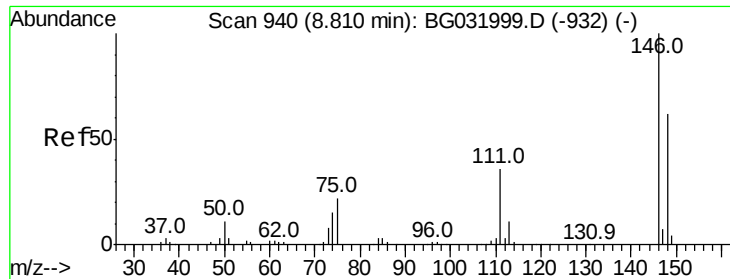
Ion Ratio Lower Upper

146 100

148 66.0 51.4 77.2

75 29.1 26.6 39.8

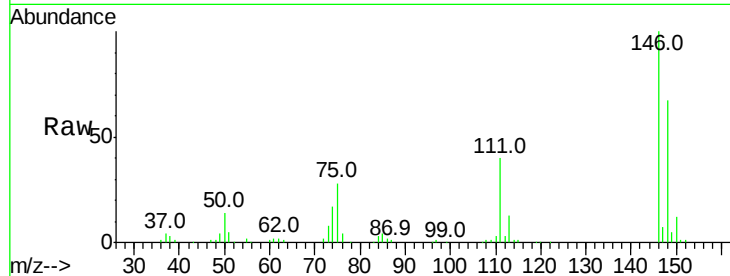




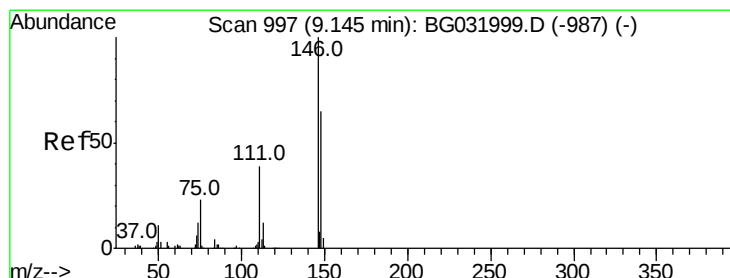
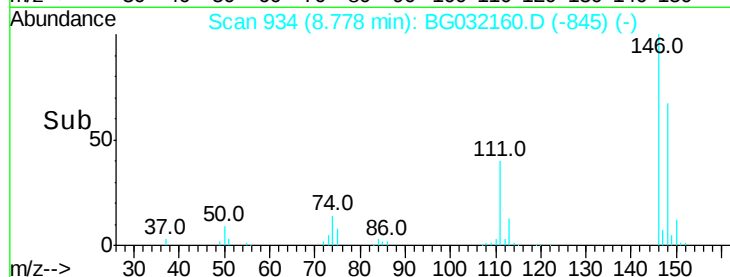
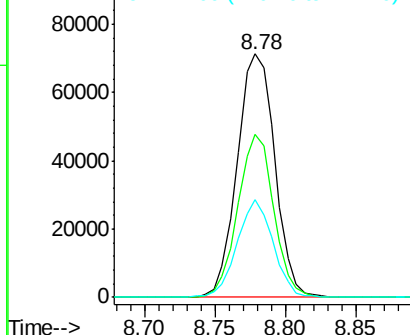
#13
 1,4-Dichlorobenzene
 Concen: 37.696 ng
 RT: 8.78 min Scan# 934
 Delta R.T. -0.00 min
 Lab File: BG032160.D
 Acq: 19 Jan 2018 20:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 132800
 Ion Ratio Lower Upper
 146 100
 148 66.9 53.7 80.5
 111 39.9 35.2 52.8

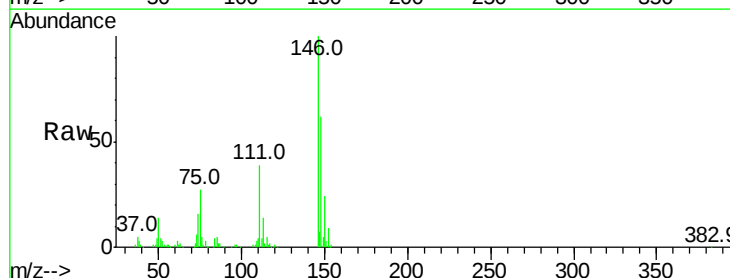


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

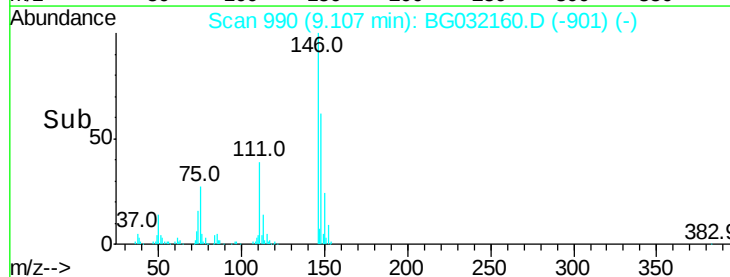
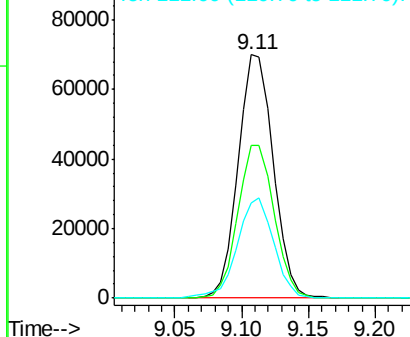


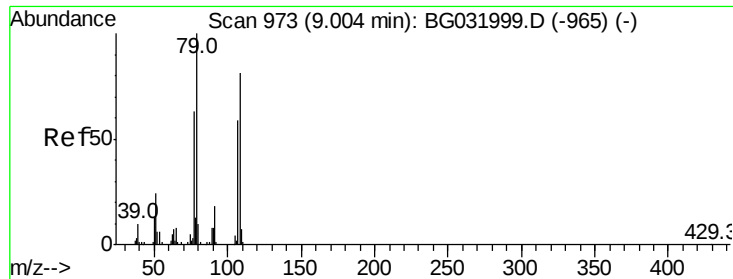
#14
 1,2-Dichlorobenzene
 Concen: 37.507 ng
 RT: 9.11 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: BG032160.D
 Acq: 19 Jan 2018 20:22

Tgt Ion:146 Resp: 127803
 Ion Ratio Lower Upper
 146 100
 148 62.5 49.3 73.9
 111 39.2 34.3 51.5



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





#15

Benzyl Alcohol

Concen: 48.192 ng

RT: 8.98 min Scan# 968

Delta R.T. 0.00 min

Lab File: BG032160.D

Acq: 19 Jan 2018 20:22

Instrument :

BNA_G

ClientSampleId :

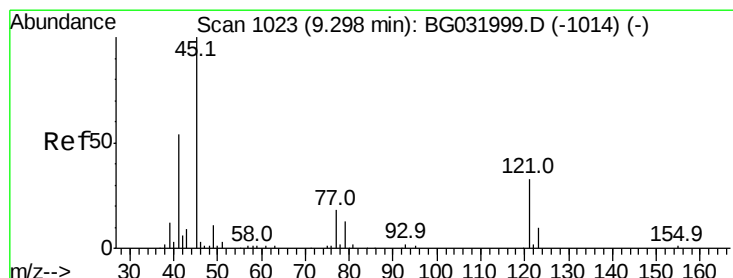
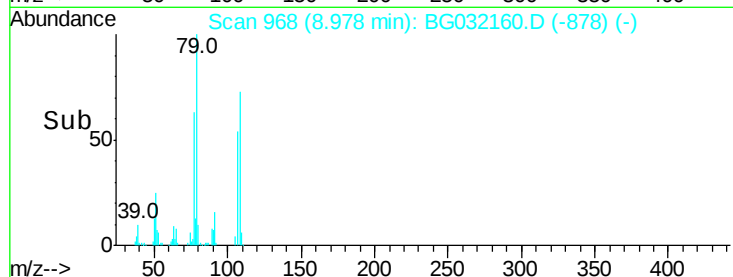
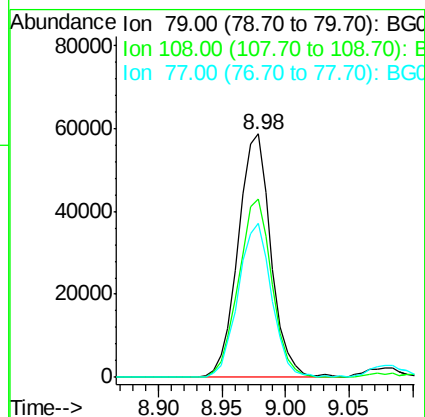
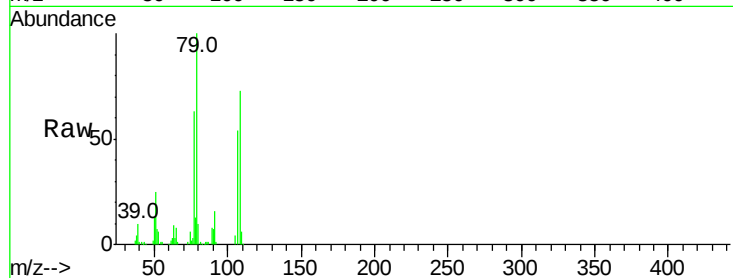
Tot Ion: 79 Resp: 105341

Ion Ratio Lower Upper

79 100

108 73.0 57.2 85.8

77 63.0 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.149 ng

RT: 9.27 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BG032160.D

Acq: 19 Jan 2018 20:22

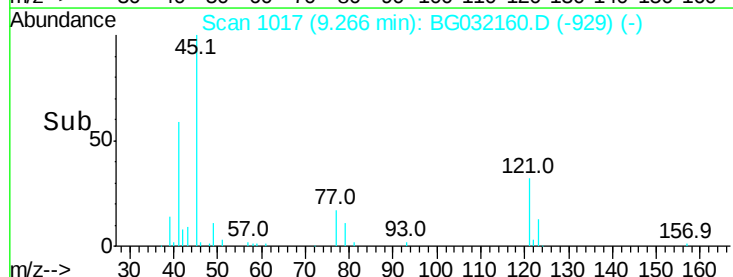
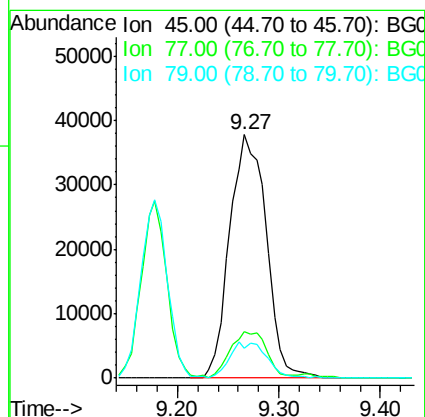
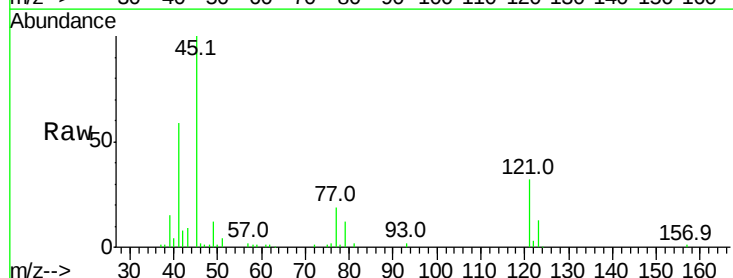
Tgt Ion: 45 Resp: 94477

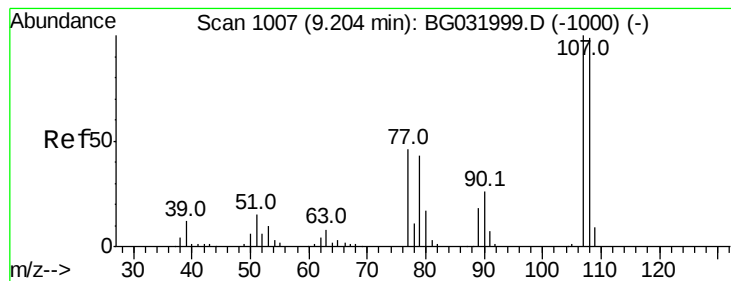
Ion Ratio Lower Upper

45 100

77 19.2 0.0 30.2

79 12.5 0.0 27.9

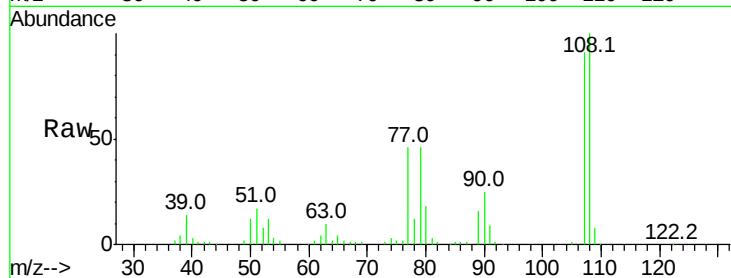




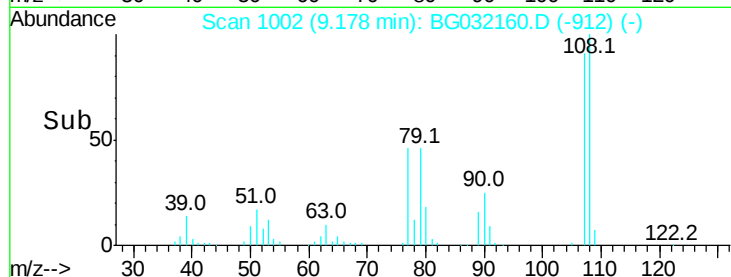
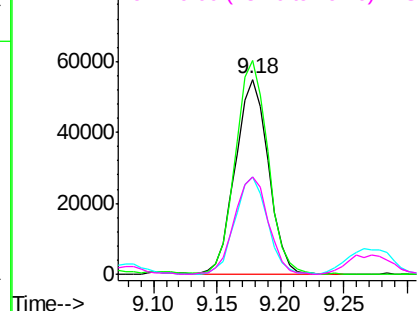
#17
2-Methylphenol
Concen: 43.720 ng
RT: 9.18 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BG032160.D
Acq: 19 Jan 2018 20:22

Instrument :
BNA_G
ClientSampled :

Tot Ion:107 Resp: 99033
Ion Ratio Lower Upper
107 100
108 109.5 83.9 125.9
77 50.0 37.2 55.8
79 50.2 36.2 54.2

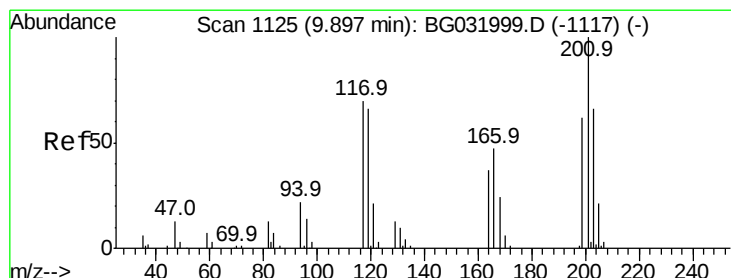


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

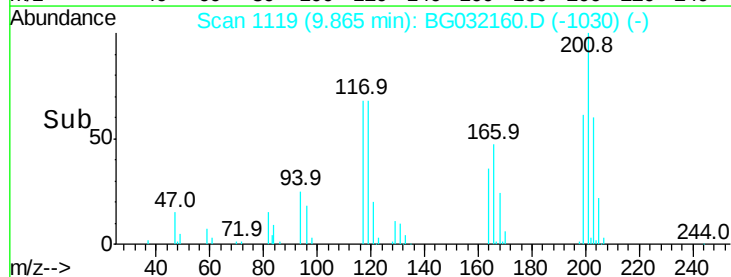
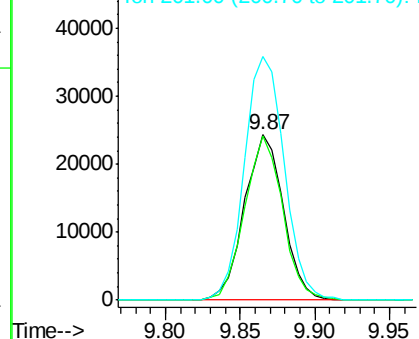


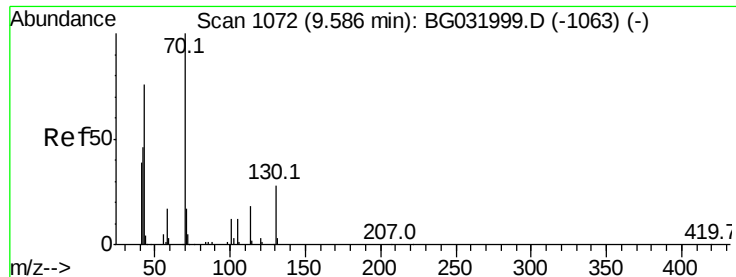
#18
Hexachloroethane
Concen: 40.535 ng
RT: 9.87 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BG032160.D
Acq: 19 Jan 2018 20:22

Tgt Ion:117 Resp: 43888
Ion Ratio Lower Upper
117 100
119 99.5 76.7 115.1
201 147.2 95.7 143.5#



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

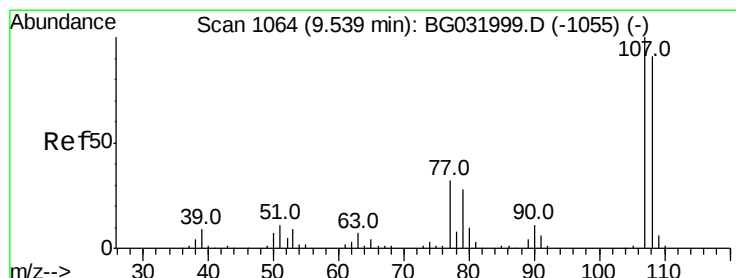
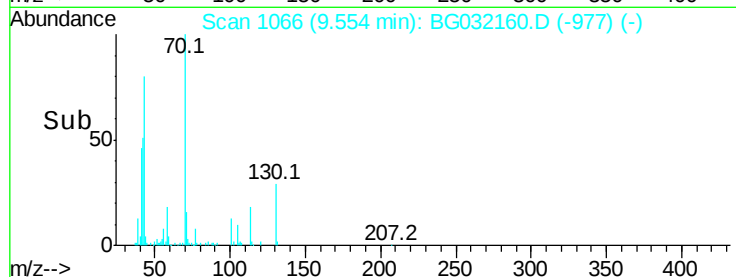
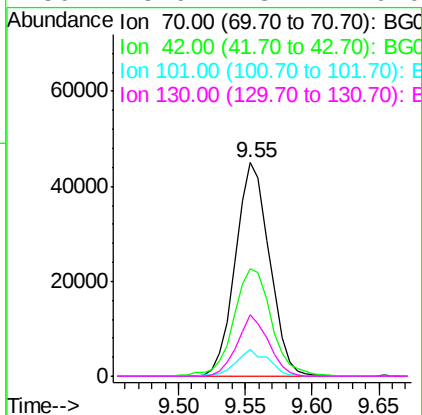
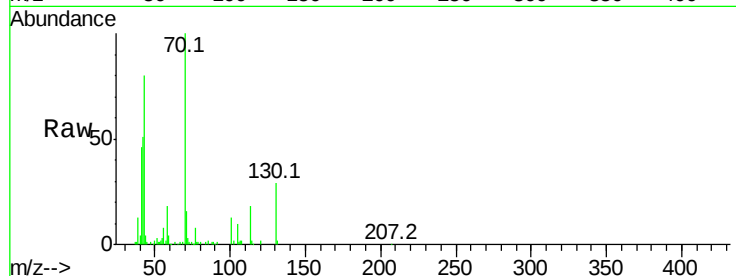




#19
n-Nitroso-di-n-propylamine
Concen: 42.614 ng
RT: 9.55 min Scan# 1066
Delta R.T. -0.00 min
Lab File: BG032160.D
Acq: 19 Jan 2018 20:22

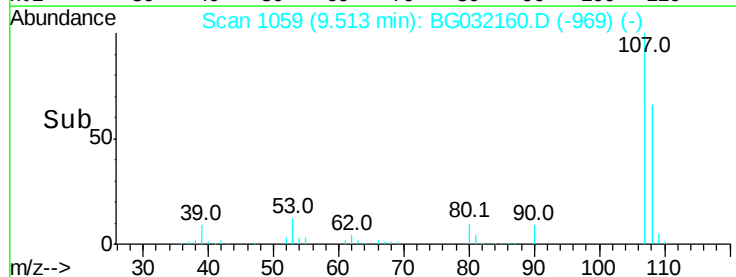
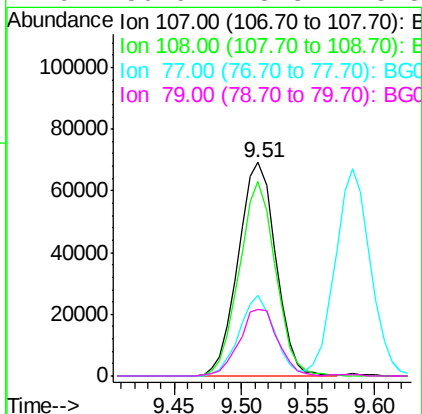
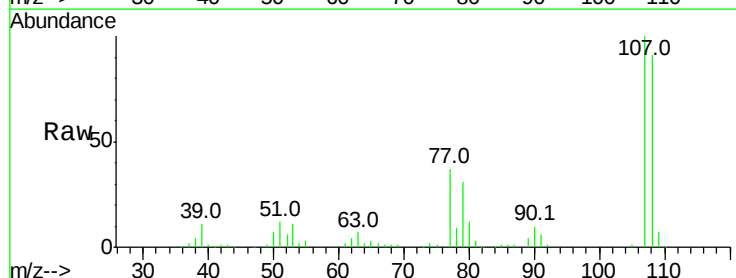
Instrument :
BNA_G
ClientSampleId :

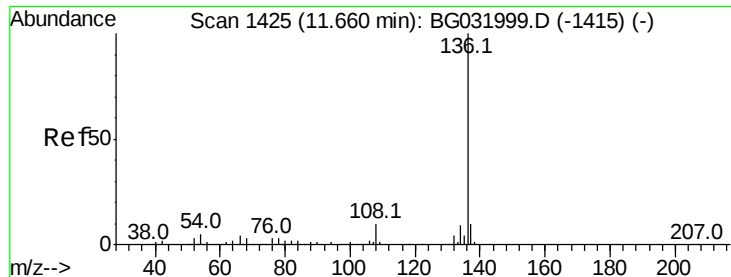
Tot Ion: 70 Resp: 79557
Ion Ratio Lower Upper
70 100
42 50.6 49.1 73.7
101 12.9 8.5 12.7#
130 28.9 13.4 20.0#



#20
3+4-Methylphenols
Concen: 43.117 ng
RT: 9.51 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BG032160.D
Acq: 19 Jan 2018 20:22

Tgt Ion:107 Resp: 135301
Ion Ratio Lower Upper
107 100
108 90.9 61.6 101.6
77 37.5 13.9 53.9
79 30.9 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.63 min Scan# 1419

Delta R.T. 0.00 min

Lab File: BG032160.D

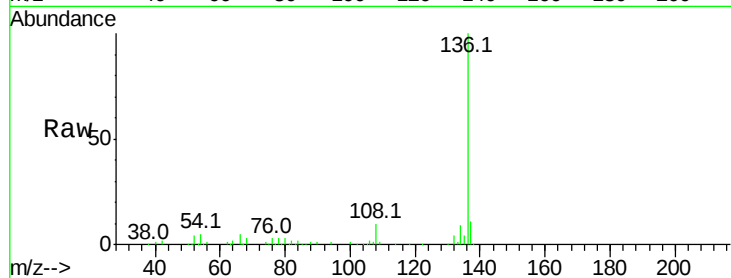
Acq: 19 Jan 2018 20:22

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136	Resp:	192403
Ion Ratio	Lower	Upper
136	100	
137	10.7	9.2 13.8
54	5.2	10.3 15.5#
68	2.6	4.5 6.7#



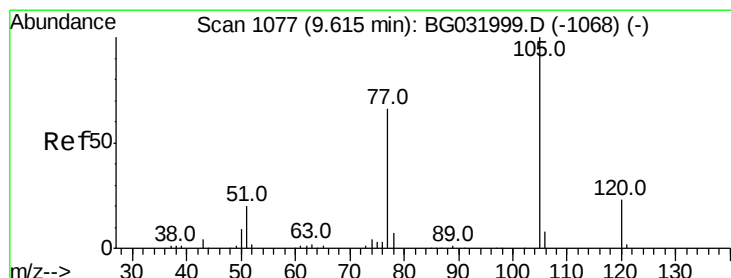
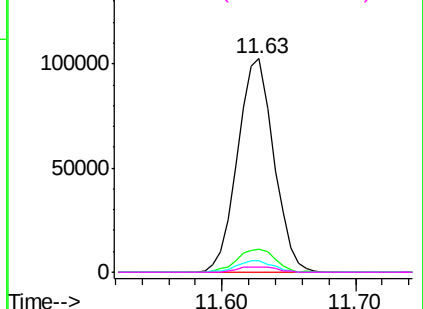
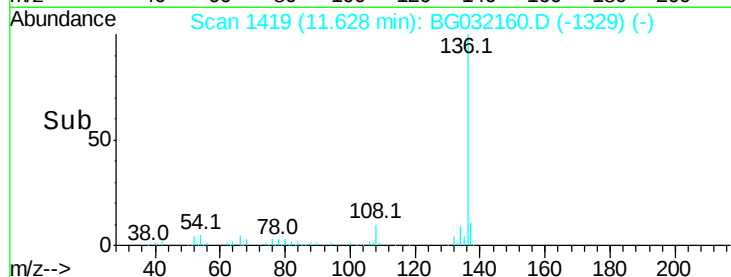
Abundance

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: 39.626 ng

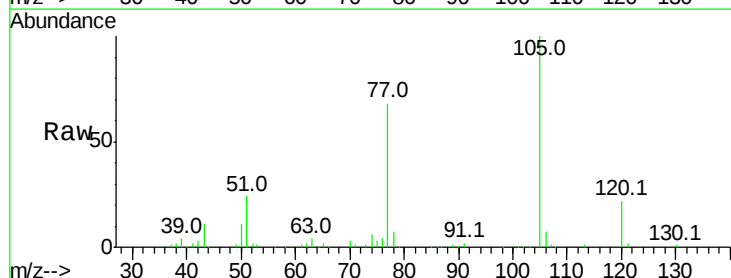
RT: 9.58 min Scan# 1071

Delta R.T. -0.00 min

Lab File: BG032160.D

Acq: 19 Jan 2018 20:22

Tgt Ion:105	Resp:	173181
Ion Ratio	Lower	Upper
105	100	
71	0.6	3.0 4.4#
51	24.1	26.1 39.1#
120	22.2	17.4 26.2



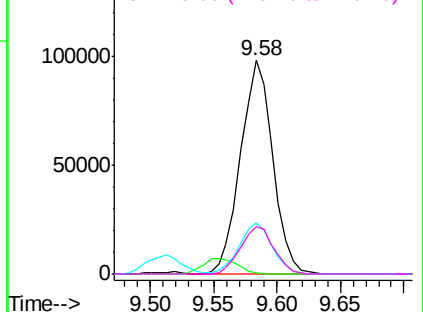
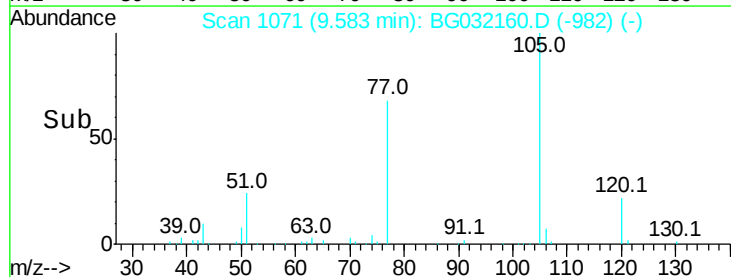
Abundance

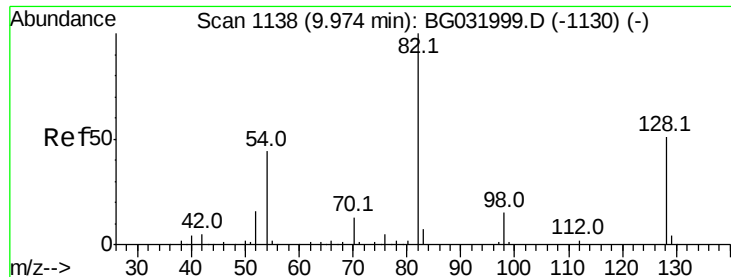
Ion 105.00 (104.70 to 105.70): E

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

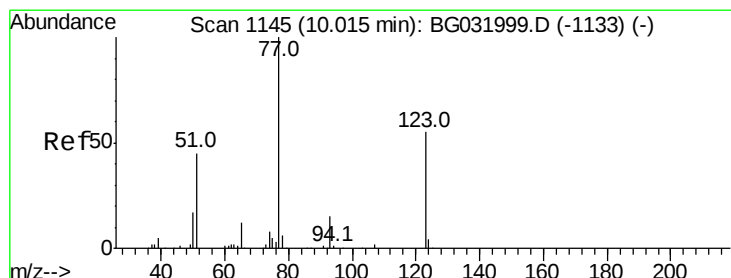
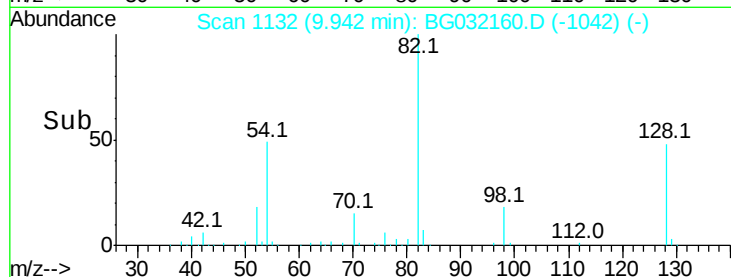
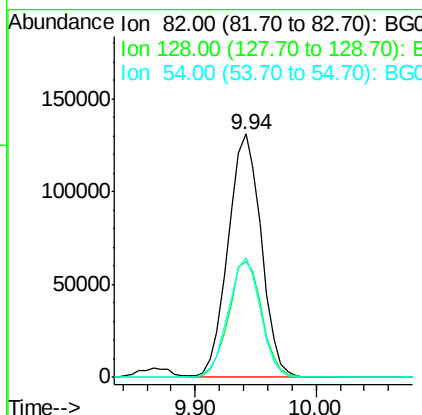
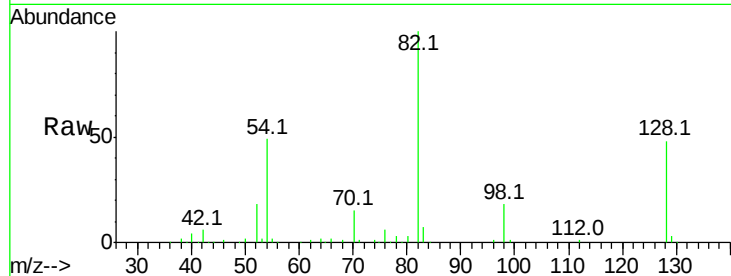




#23
Nitrobenzene-d5
Concen: 88.032 ng
RT: 9.94 min Scan# 1132
Delta R.T. 0.00 min
Lab File: BG032160.D
Acq: 19 Jan 2018 20:22

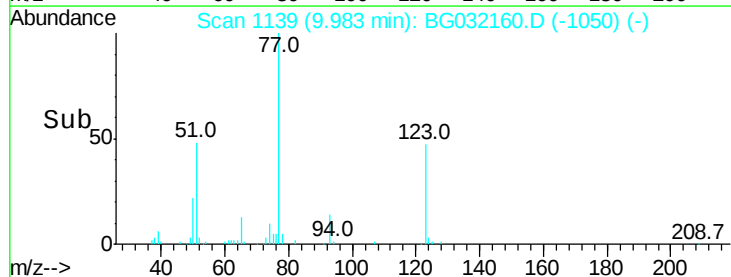
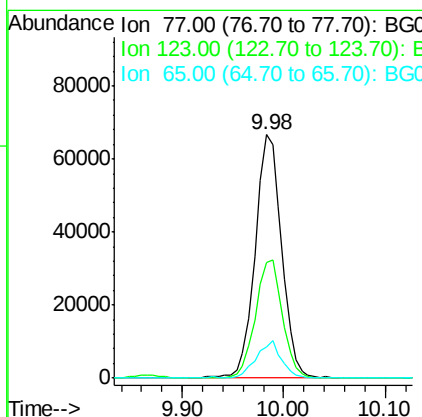
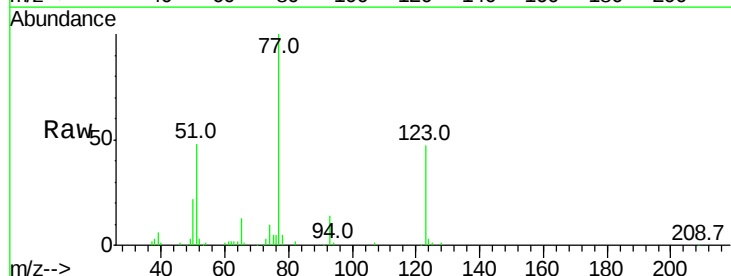
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 250355
Ion Ratio Lower Upper
82 100
128 47.7 29.7 44.5#
54 49.0 43.1 64.7



#24
Nitrobenzene
Concen: 42.442 ng
RT: 9.98 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BG032160.D
Acq: 19 Jan 2018 20:22

Tgt Ion: 77 Resp: 120397
Ion Ratio Lower Upper
77 100
123 47.4 33.0 49.6
65 12.6 13.0 19.6#





#25

Isophorone

Concen: 41.747 ng

RT: 10.51 min Scan# 1228

Delta R.T. -0.00 min

Lab File: BG032160.D

Acq: 19 Jan 2018 20:22

Instrument :

BNA_G

ClientSampleId :

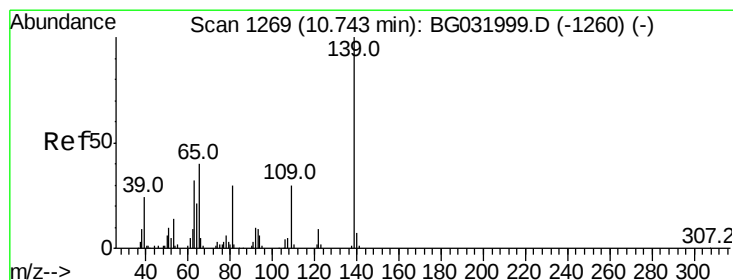
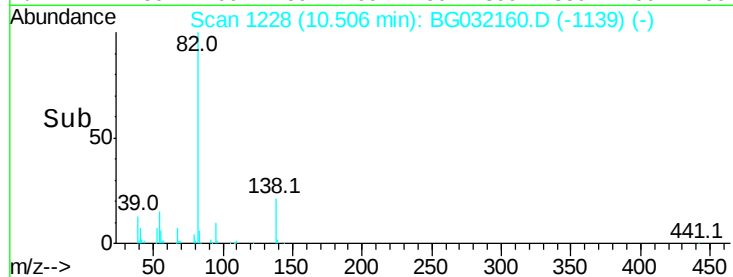
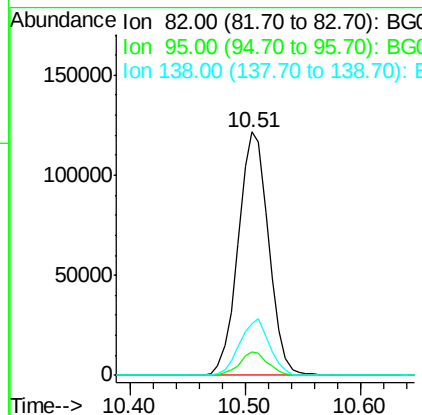
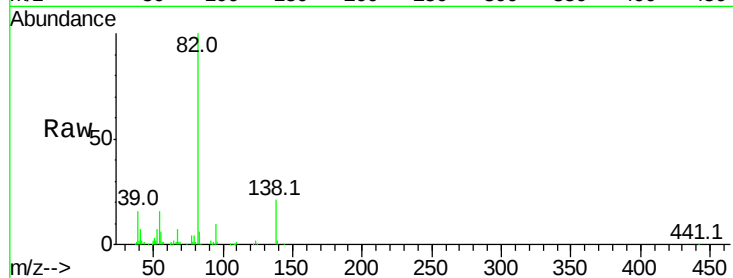
Tot Ion: 82 Resp: 221072

Ion Ratio Lower Upper

82 100

95 9.8 6.2 9.2#

138 21.1 12.1 18.1#



#26

2-Nitrophenol

Concen: 43.468 ng

RT: 10.71 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BG032160.D

Acq: 19 Jan 2018 20:22

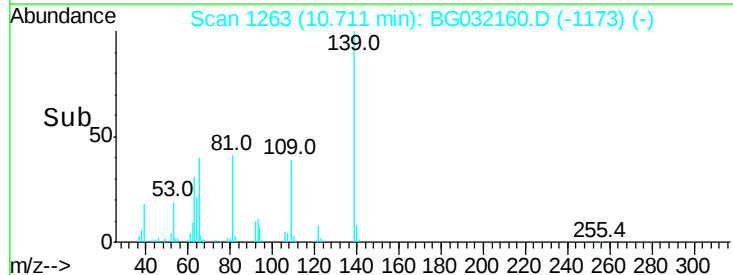
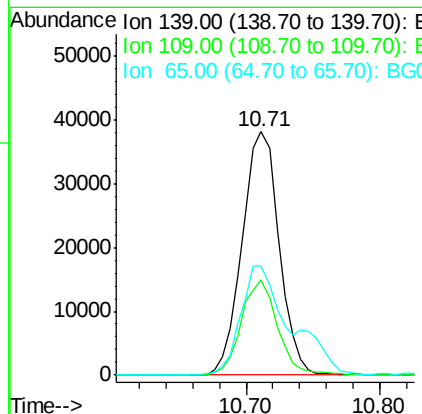
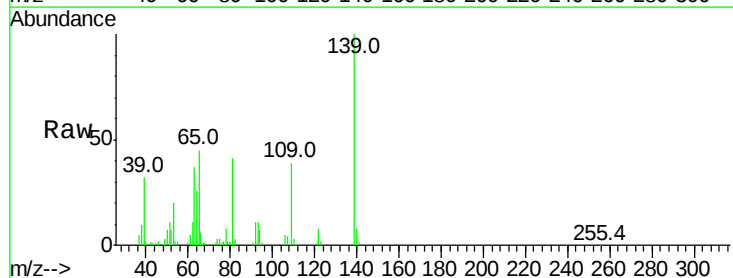
Tgt Ion: 139 Resp: 73064

Ion Ratio Lower Upper

139 100

109 39.2 24.2 36.2#

65 45.1 47.4 71.0#

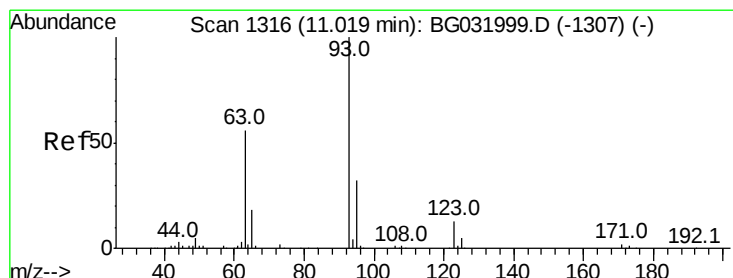
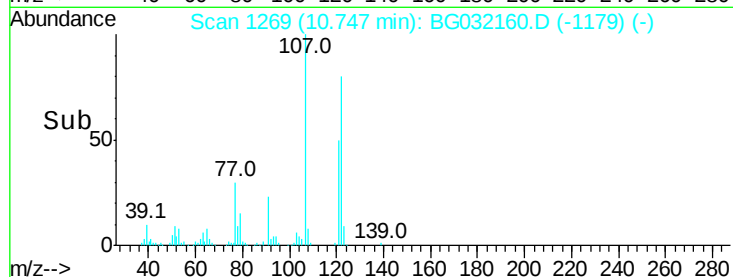
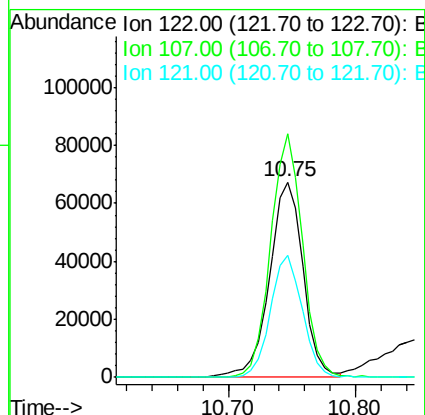
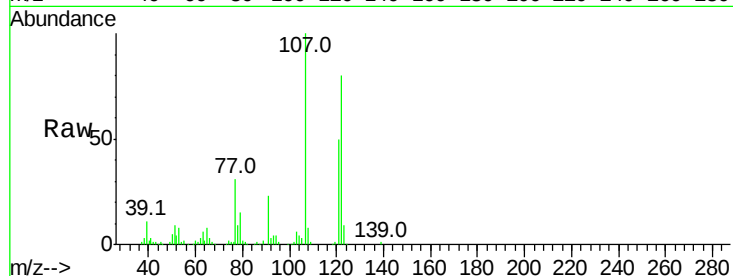




#27
2,4-Dimethylphenol
Concen: 46.410 ng
RT: 10.75 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BG032160.D
Acq: 19 Jan 2018 20:22

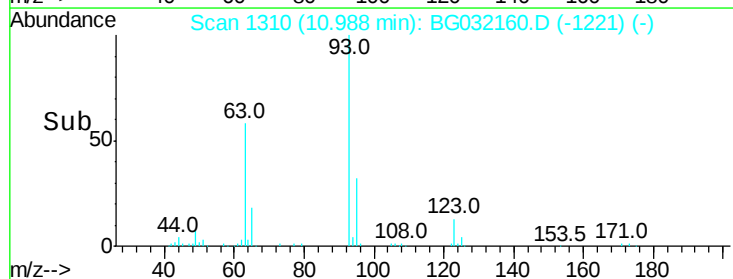
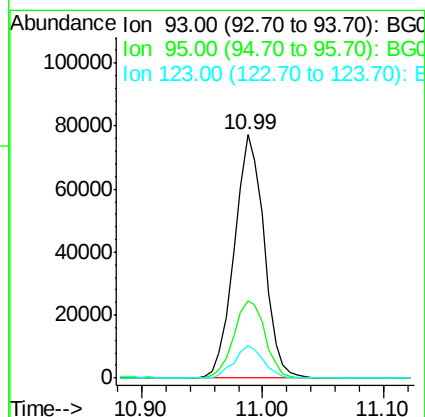
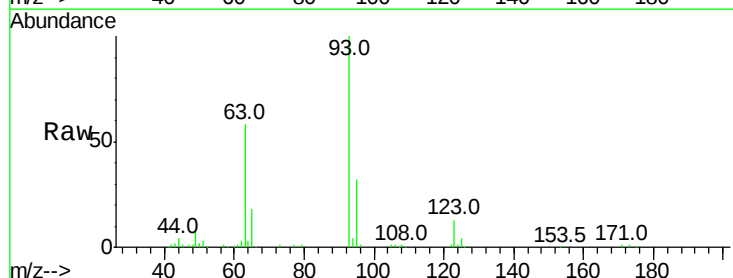
Instrument :
BNA_G
ClientSampled :

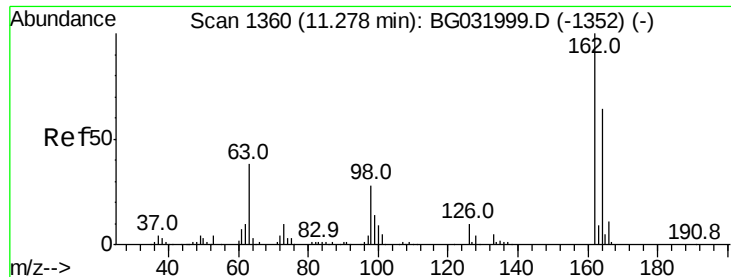
Tot Ion:122 Resp: 123792
Ion Ratio Lower Upper
122 100
107 124.6 100.2 150.2
121 62.5 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 41.412 ng
RT: 10.99 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BG032160.D
Acq: 19 Jan 2018 20:22

Tgt Ion: 93 Resp: 132124
Ion Ratio Lower Upper
93 100
95 31.6 24.3 36.5
123 13.4 8.4 12.6#

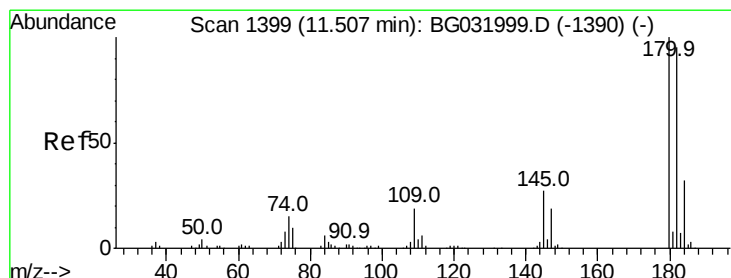
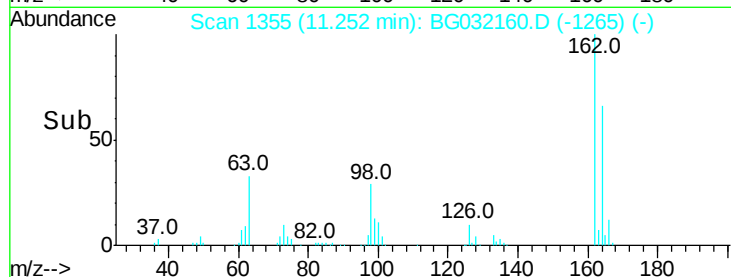
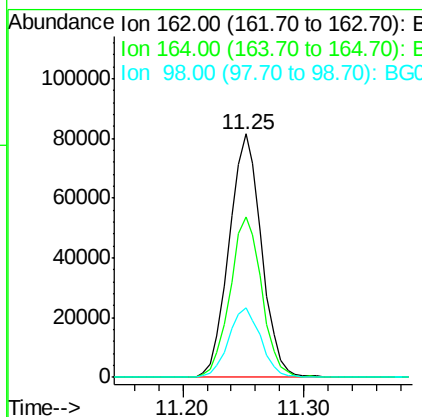
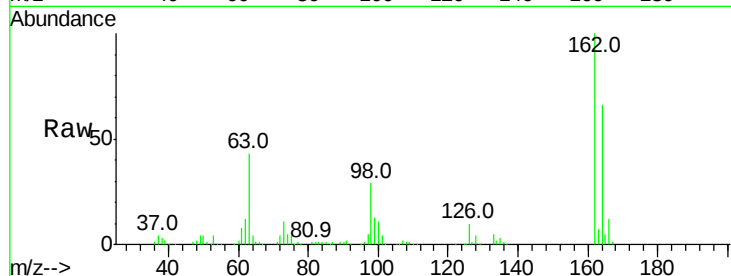




#29
 2,4-Dichlorophenol
 Concen: 46.238 ng
 RT: 11.25 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: BG032160.D
 Acq: 19 Jan 2018 20:22

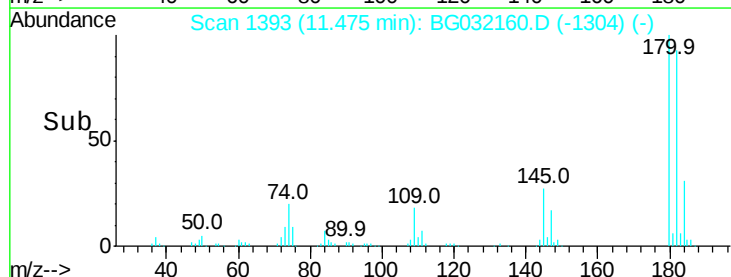
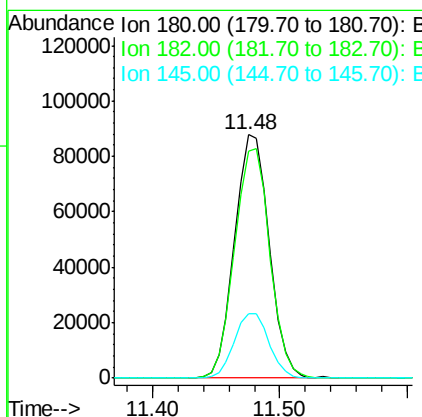
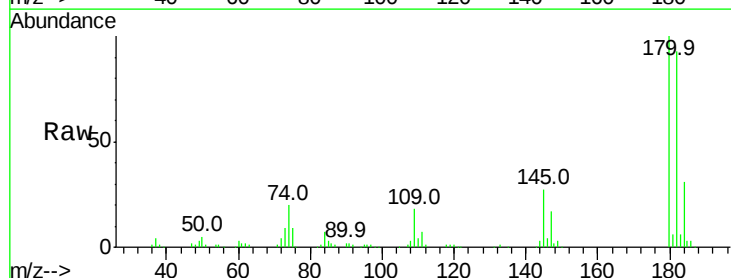
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.8	48.0	88.0
98	28.6	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.278 ng
 RT: 11.48 min Scan# 1393
 Delta R.T. -0.00 min
 Lab File: BG032160.D
 Acq: 19 Jan 2018 20:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	77.5	116.3
145	26.7	23.4	35.2

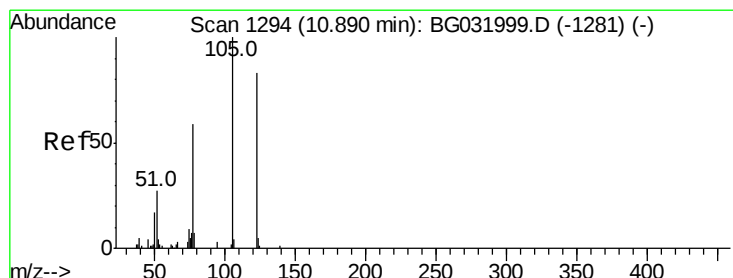
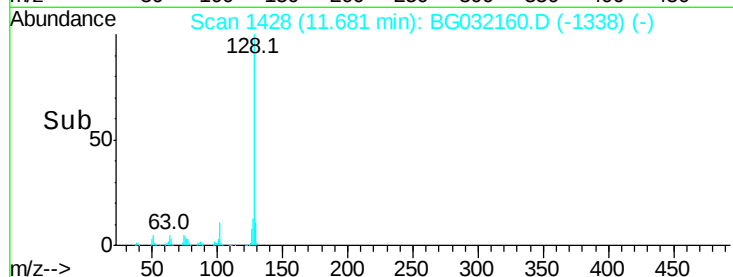
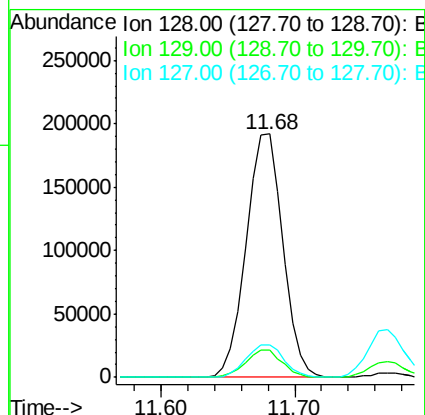
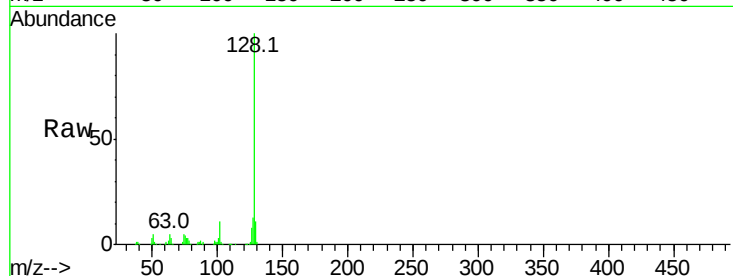




#31
Naphthalene
Concen: 38.083 ng
RT: 11.68 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BG032160.D
Acq: 19 Jan 2018 20:22

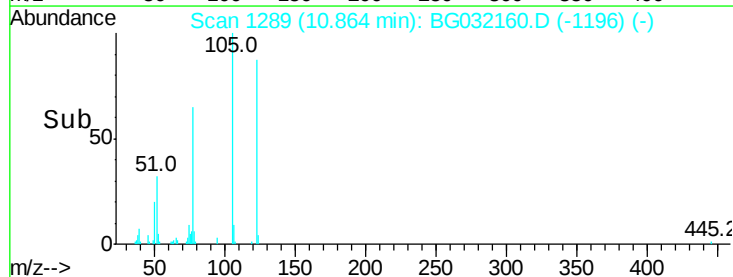
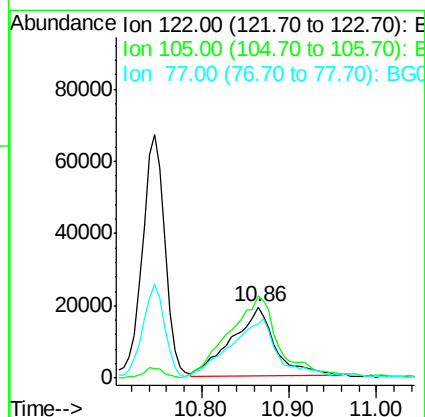
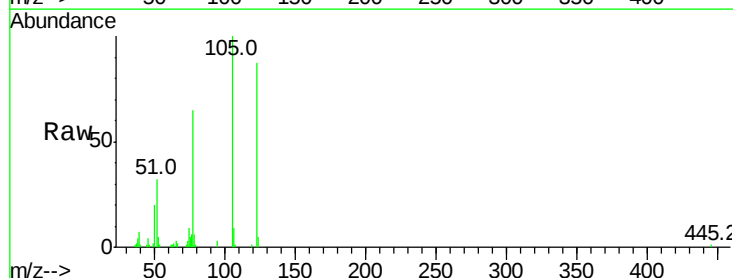
Instrument :
BNA_G
ClientSampleId :

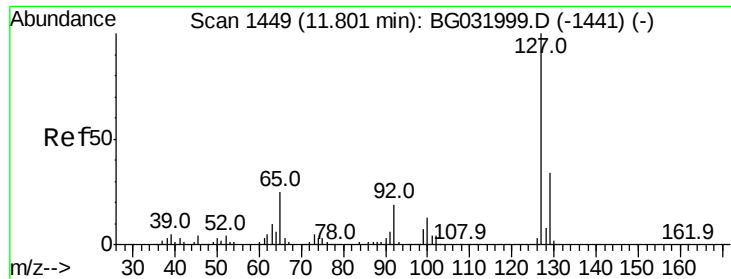
Tot Ion:128 Resp: 362974
Ion Ratio Lower Upper
128 100
129 11.2 8.6 12.8
127 13.4 11.6 17.4



#32
Benzoic acid
Concen: 32.556 ng
RT: 10.86 min Scan# 1289
Delta R.T. 0.02 min
Lab File: BG032160.D
Acq: 19 Jan 2018 20:22

Tgt Ion:122 Resp: 65599
Ion Ratio Lower Upper
122 100
105 115.2 123.5 163.5#
77 75.3 85.7 125.7#

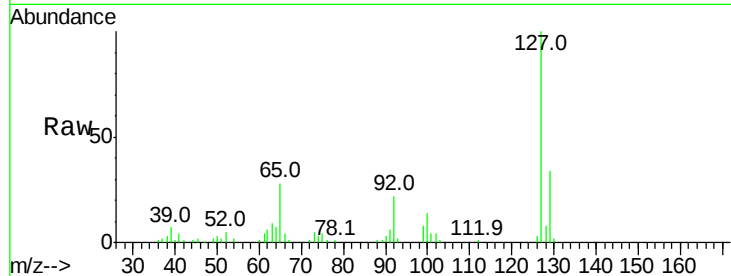




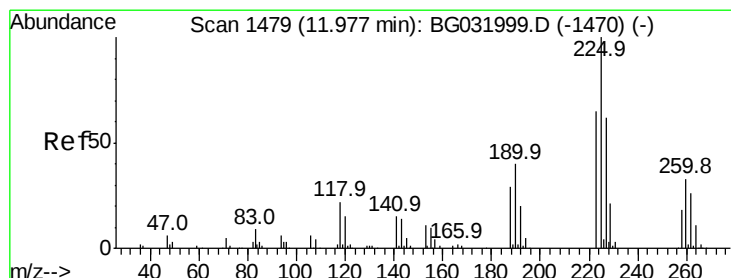
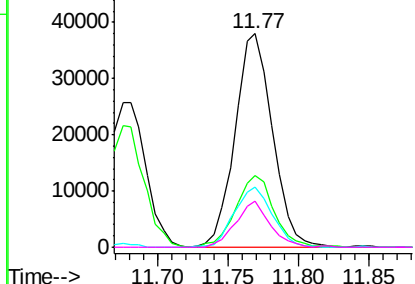
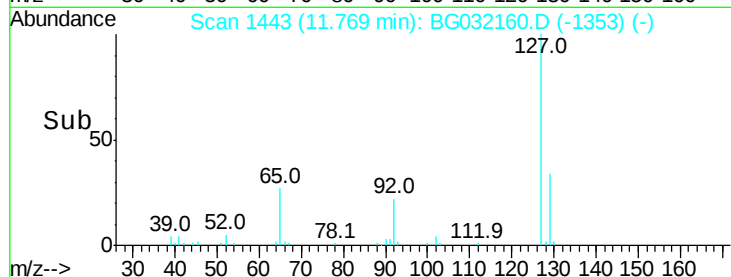
#33
 4-Chloroaniline
 Concen: 17.326 ng
 RT: 11.77 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: BG032160.D
 Acq: 19 Jan 2018 20:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	127	Resp:	70814
Ion	Ratio	Lower	Upper
127	100		
129	33.7	24.0	36.0
65	28.0	27.0	40.4
92	21.7	16.6	25.0

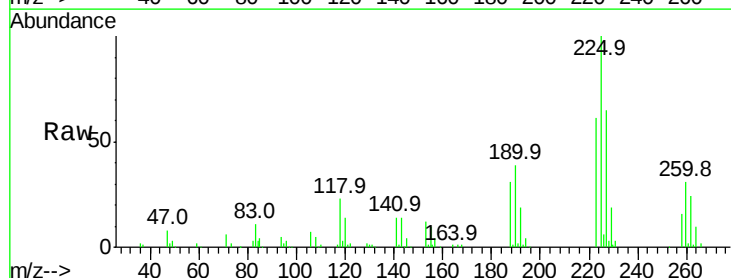


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BG
 Ion 92.00 (91.70 to 92.70): BG

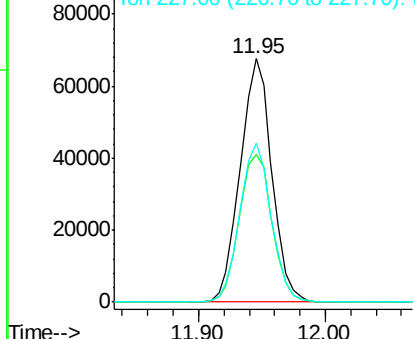
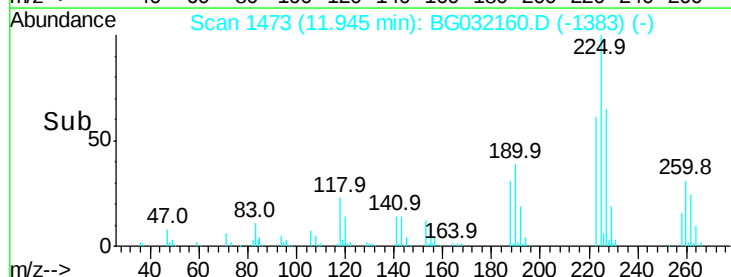


#34
 Hexachlorobutadiene
 Concen: 38.419 ng
 RT: 11.95 min Scan# 1473
 Delta R.T. 0.00 min
 Lab File: BG032160.D
 Acq: 19 Jan 2018 20:22

Tgt Ion:	225	Resp:	116964
Ion	Ratio	Lower	Upper
225	100		
223	60.8	49.7	74.5
227	65.1	48.1	72.1



Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 45.342 ng

RT: 12.53 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BG032160.D

Acq: 19 Jan 2018 20:22

Instrument :

BNA_G

ClientSampleId :

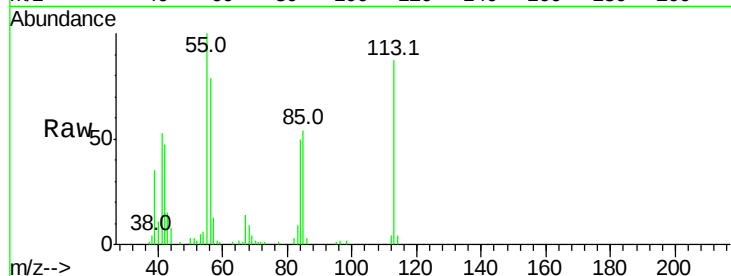
Tot Ion:113 Resp: 45148

Ion Ratio Lower Upper

113 100

55 114.9 186.9 226.9#

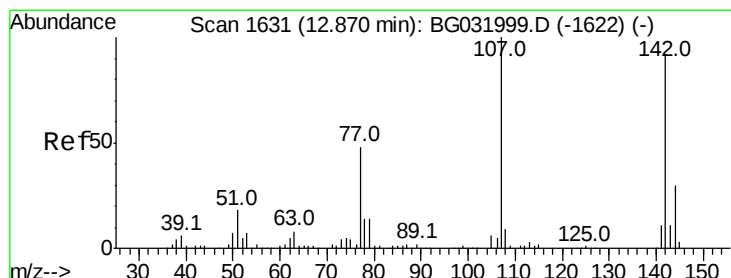
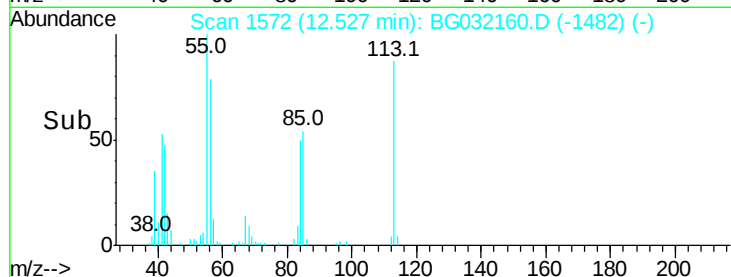
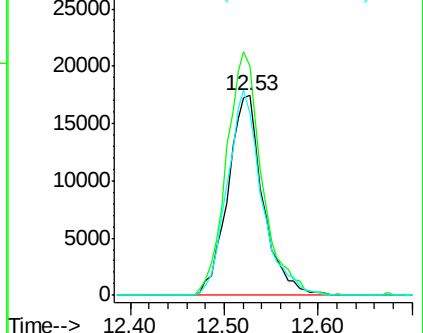
56 91.0 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG032160.D (-1566) (-)

Ion 56.00 (55.70 to 56.70): BG032160.D (-1566) (-)



#36

4-Chloro-3-methylphenol

Concen: 48.188 ng

RT: 12.84 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BG032160.D

Acq: 19 Jan 2018 20:22

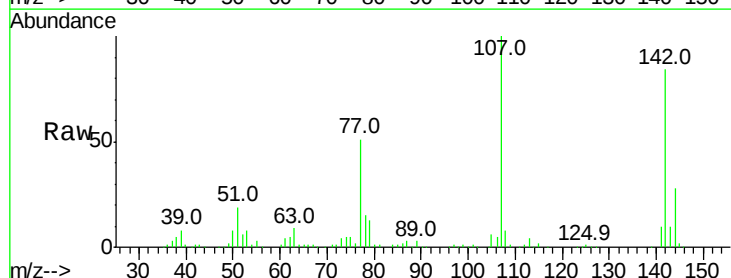
Tgt Ion:107 Resp: 144765

Ion Ratio Lower Upper

107 100

144 28.2 18.2 27.4#

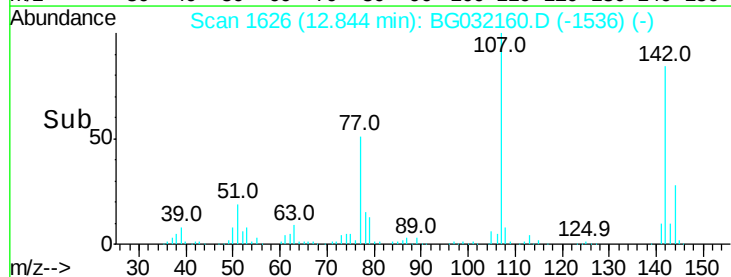
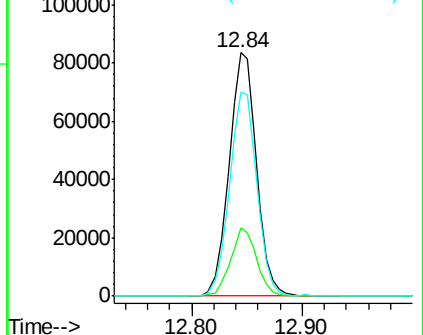
142 83.9 59.0 88.4

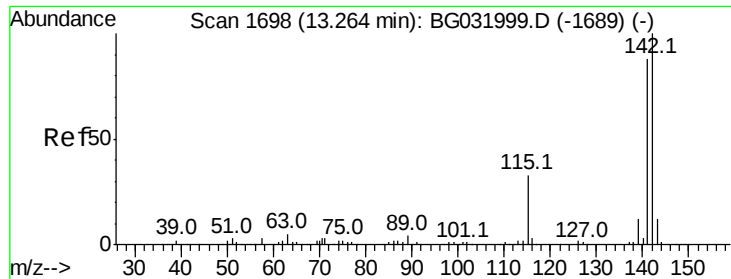


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

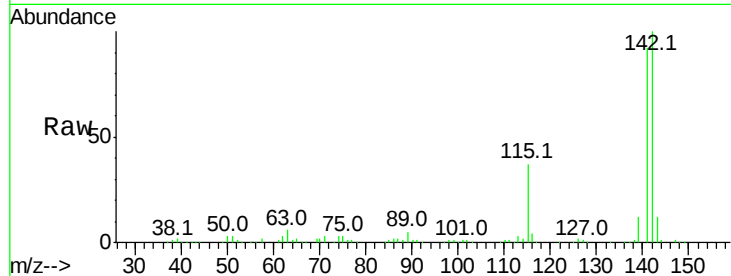




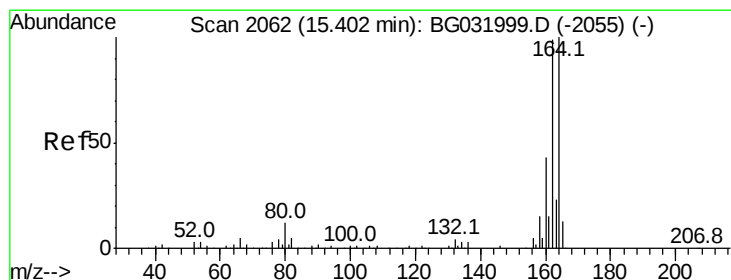
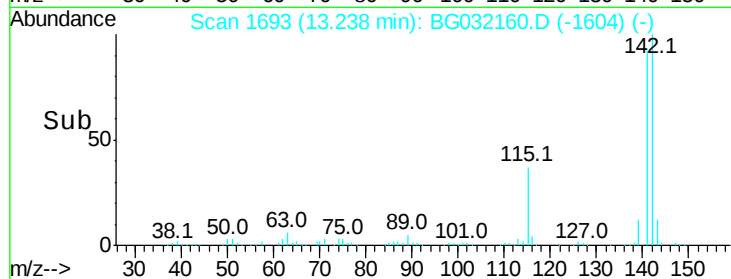
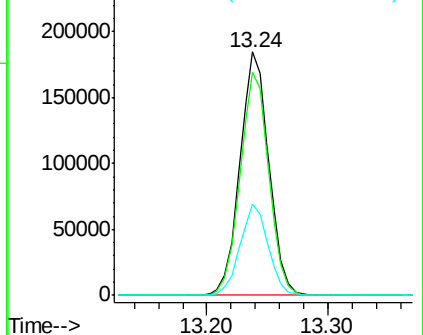
#37
2-Methylnaphthalene
Concen: 40.559 ng
RT: 13.24 min Scan# 1693
Delta R.T. -0.00 min
Lab File: BG032160.D
Acq: 19 Jan 2018 20:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 306910
Ion Ratio Lower Upper
142 100
141 91.7 67.1 100.7
115 37.4 30.7 46.1

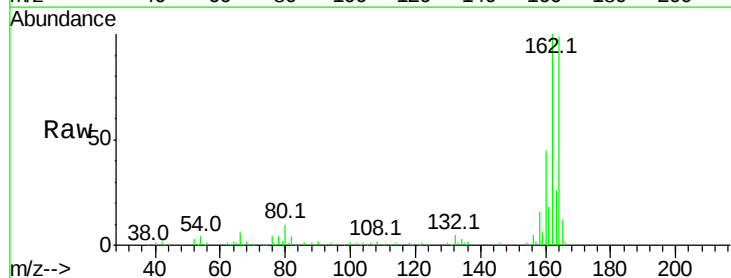


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

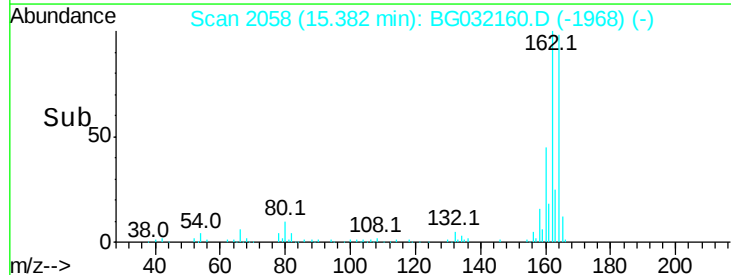
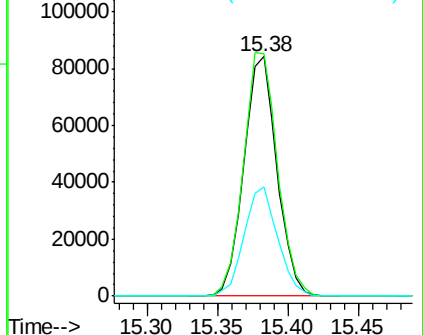


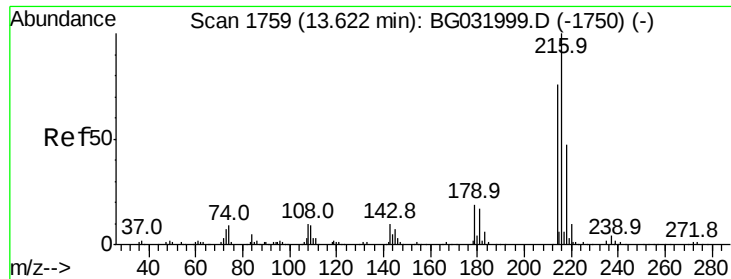
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.38 min Scan# 2058
Delta R.T. 0.00 min
Lab File: BG032160.D
Acq: 19 Jan 2018 20:22

Tgt Ion:164 Resp: 137901
Ion Ratio Lower Upper
164 100
162 101.4 78.8 118.2
160 45.7 35.4 53.0



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

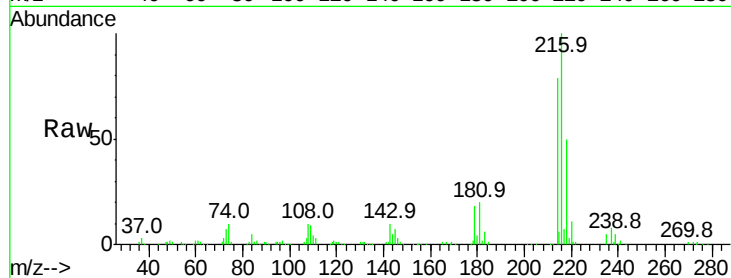




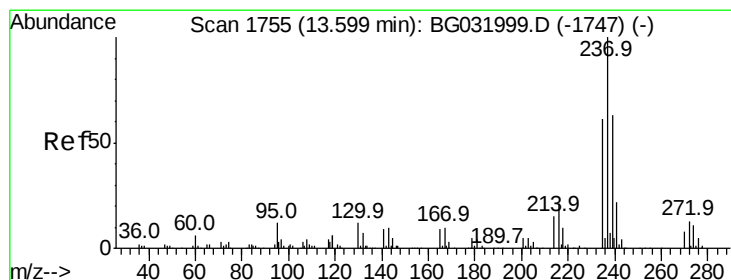
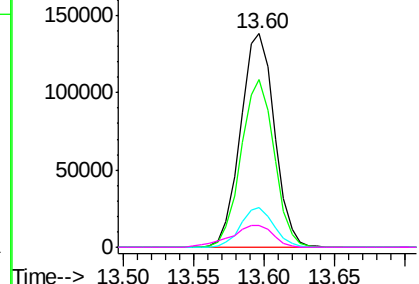
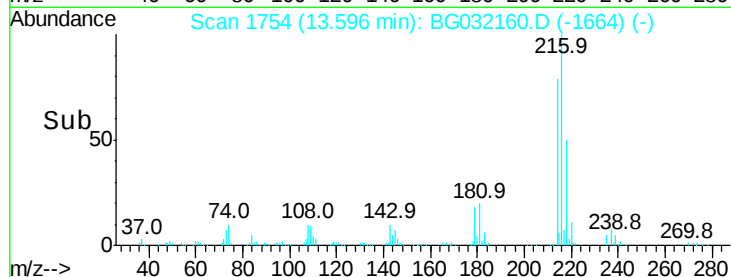
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.700 ng
 RT: 13.60 min Scan# 1754
 Delta R.T. 0.00 min
 Lab File: BG032160.D
 Acq: 19 Jan 2018 20:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	216	Resp:	232630
Ion	Ratio	Lower	Upper
216	100		
214	76.7	63.0	94.4
179	18.1	17.0	25.6
108	12.9	12.8	19.2

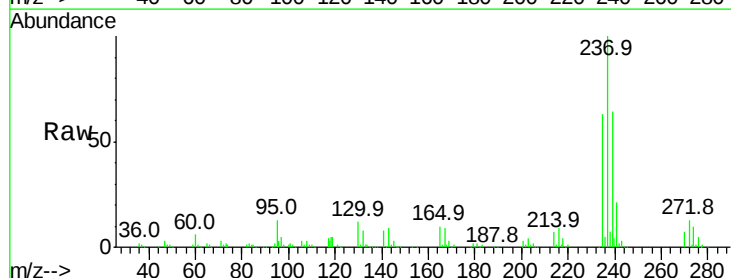


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

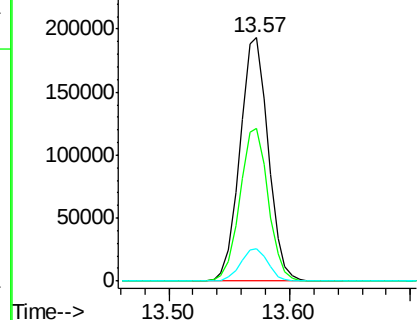
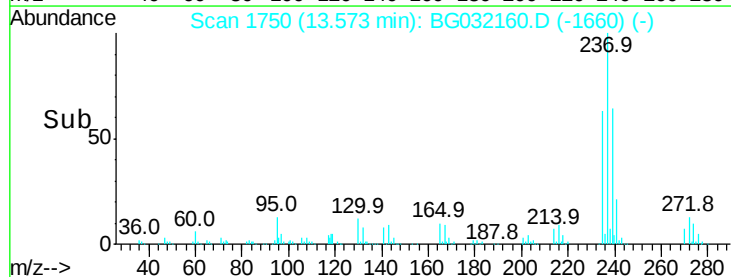


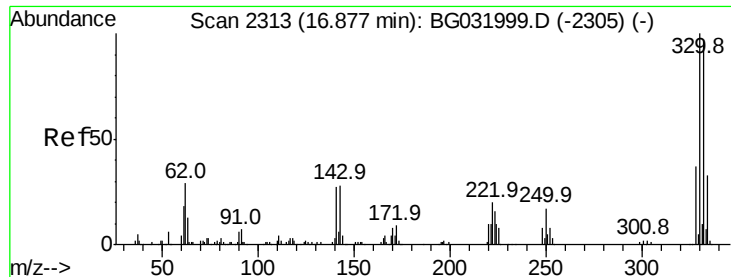
#40
 Hexachlorocyclopentadiene
 Concen: 93.100 ng
 RT: 13.57 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: BG032160.D
 Acq: 19 Jan 2018 20:22

Tgt Ion:	237	Resp:	315205
Ion	Ratio	Lower	Upper
237	100		
235	62.9	50.4	90.4
272	13.1	0.0	31.8



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





#41

2,4,6-Tribromophenol

Concen: 128.697 ng

RT: 16.86 min Scan# 2309

Delta R.T. 0.00 min

Lab File: BG032160.D

Acq: 19 Jan 2018 20:22

Instrument :

BNA_G

ClientSampleId :

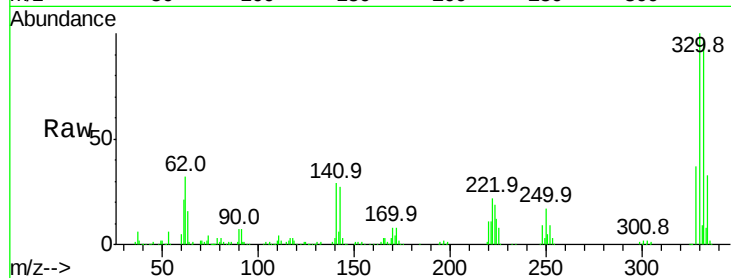
Tot Ion:330 Resp: 293679

Ion Ratio Lower Upper

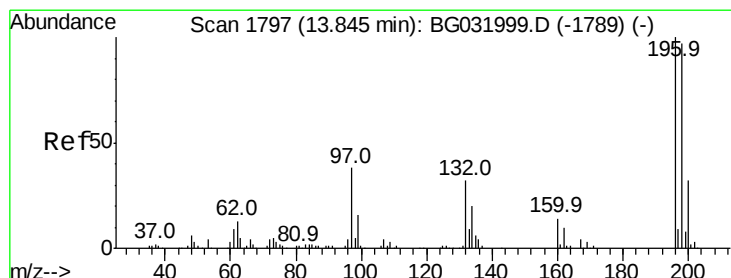
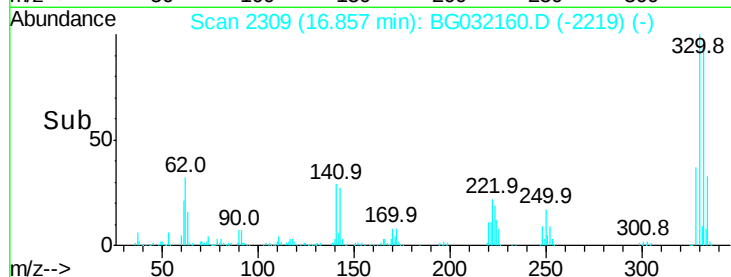
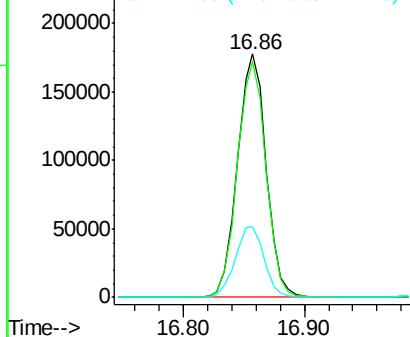
330 100

332 96.8 77.0 115.6

141 29.3 25.2 37.8



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 42.979 ng

RT: 13.82 min Scan# 1792

Delta R.T. -0.00 min

Lab File: BG032160.D

Acq: 19 Jan 2018 20:22

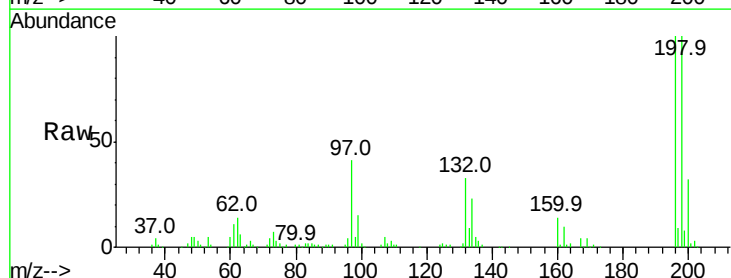
Tgt Ion:196 Resp: 145162

Ion Ratio Lower Upper

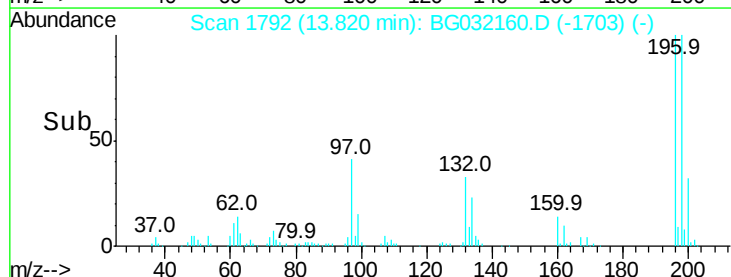
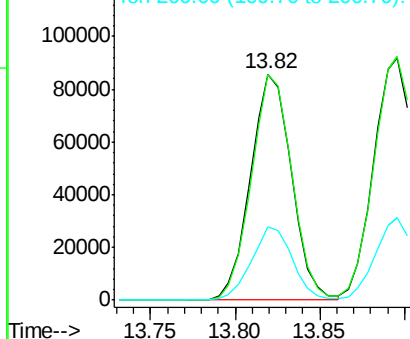
196 100

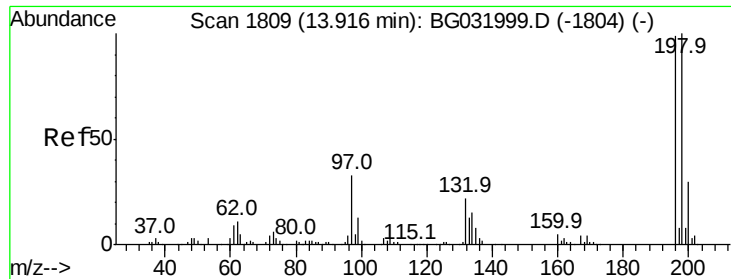
198 100.0 78.2 117.2

200 32.5 24.6 36.8



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

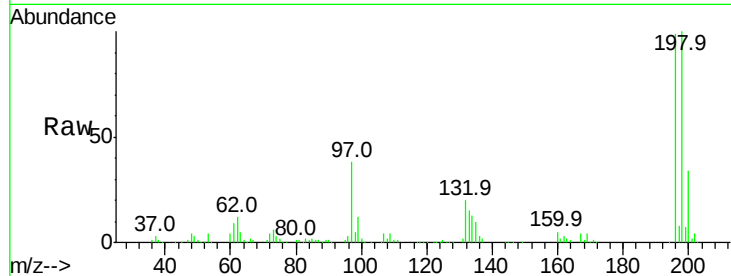




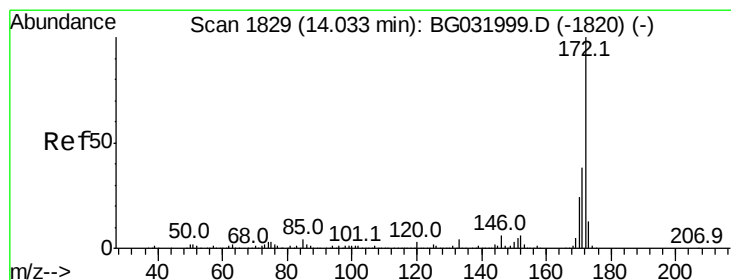
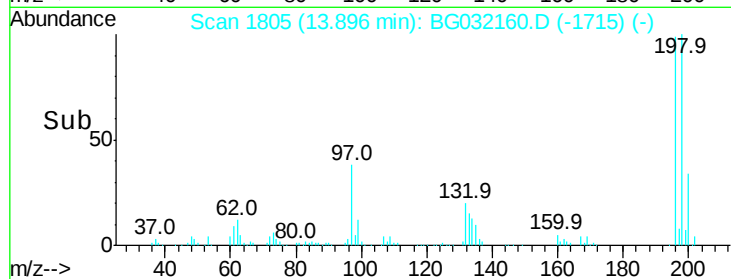
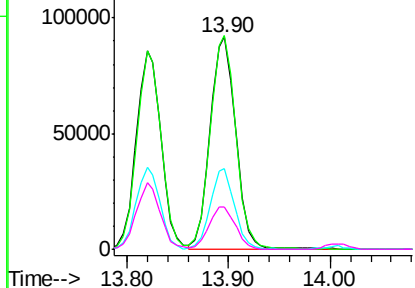
#43
 2,4,5-Trichlorophenol
 Concen: 41.127 ng
 RT: 13.90 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: BG032160.D
 Acq: 19 Jan 2018 20:22

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	100.6	76.2	114.4
97	37.8	38.7	58.1#
132	20.0	20.2	30.2#



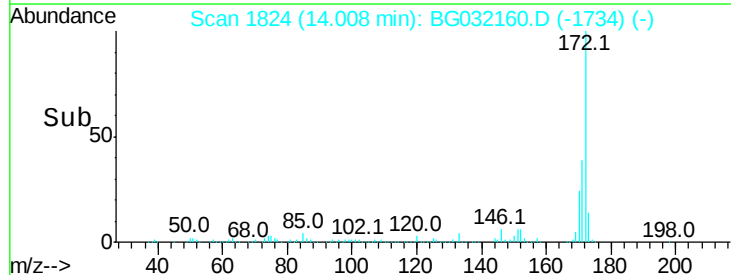
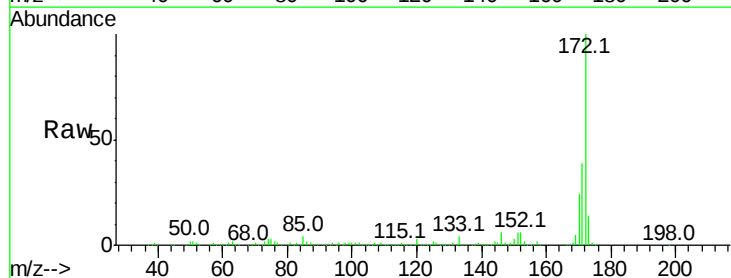
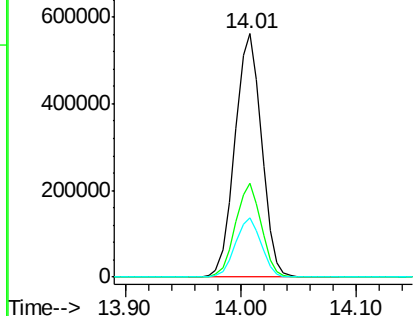
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

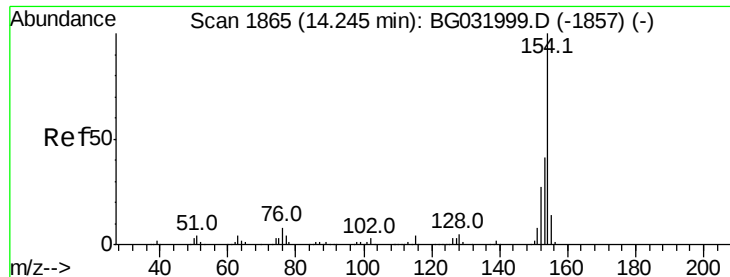


#44
 2-Fluorobiphenyl
 Concen: 80.361 ng
 RT: 14.01 min Scan# 1824
 Delta R.T. 0.00 min
 Lab File: BG032160.D
 Acq: 19 Jan 2018 20:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.0	45.0
170	24.4	19.5	29.3

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

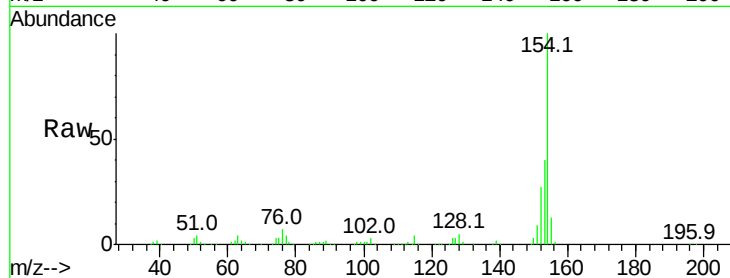




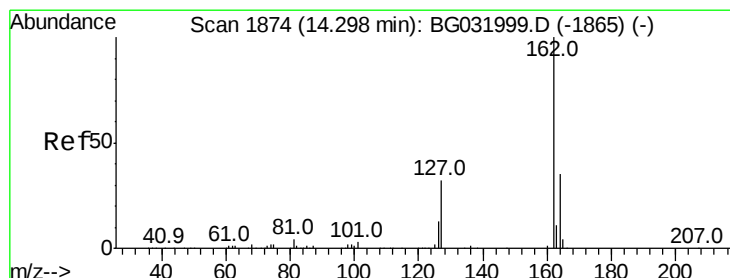
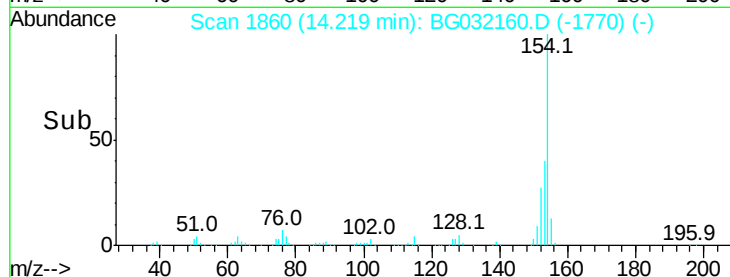
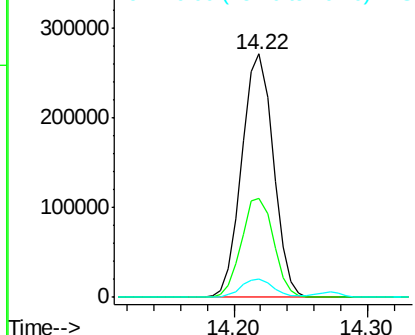
#45
 1,1'-Biphenyl
 Concen: 37.501 ng
 RT: 14.22 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: BG032160.D
 Acq: 19 Jan 2018 20:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:154 Resp: 443334
 Ion Ratio Lower Upper
 154 100
 153 40.4 19.8 59.8
 76 7.5 0.0 31.9

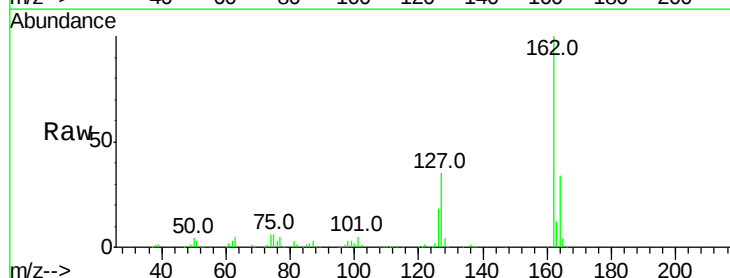


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

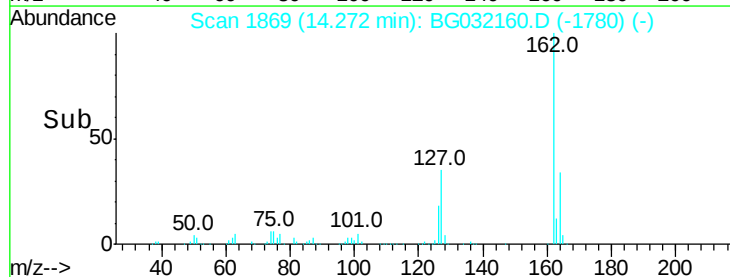
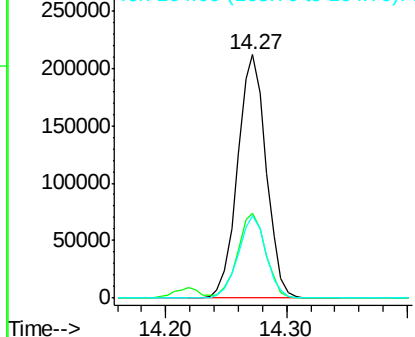


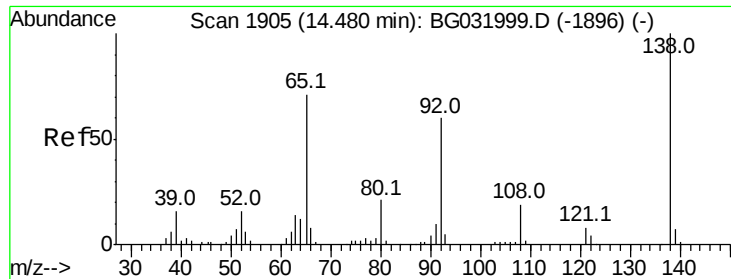
#46
 2-Chloronaphthalene
 Concen: 37.796 ng
 RT: 14.27 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: BG032160.D
 Acq: 19 Jan 2018 20:22

Tgt Ion:162 Resp: 347603
 Ion Ratio Lower Upper
 162 100
 127 35.0 30.7 46.1
 164 33.8 26.0 39.0



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

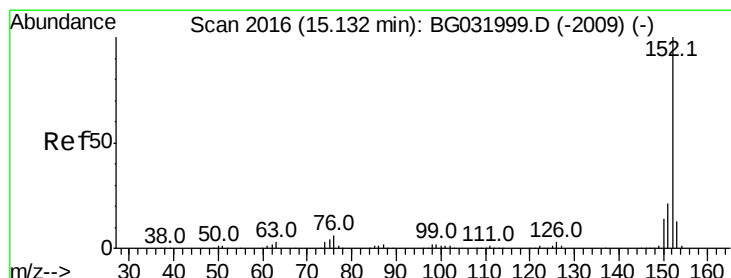
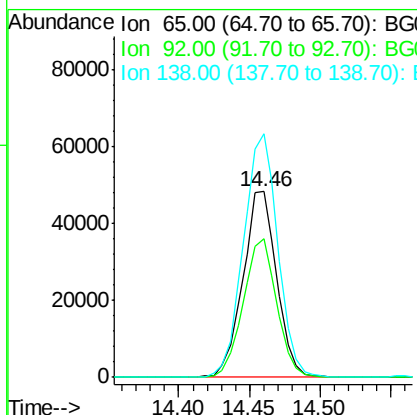
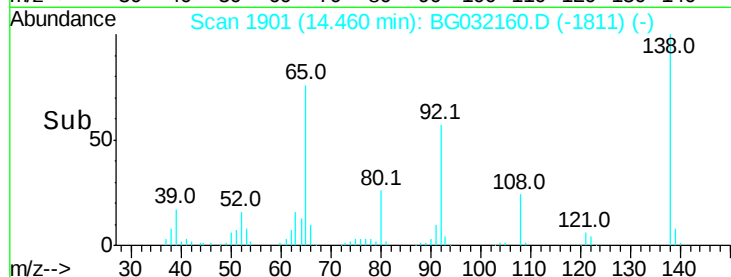
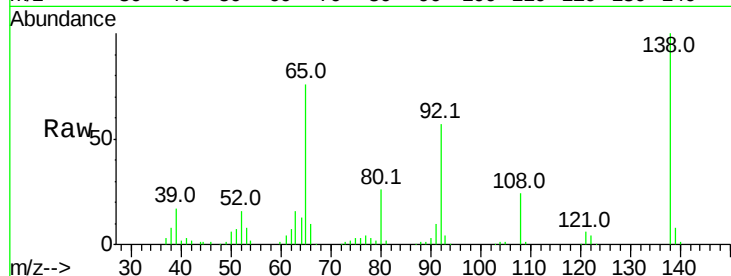




#47
2-Nitroaniline
Concen: 46.063 ng
RT: 14.46 min Scan# 1901
Delta R.T. 0.00 min
Lab File: BG032160.D
Acq: 19 Jan 2018 20:22

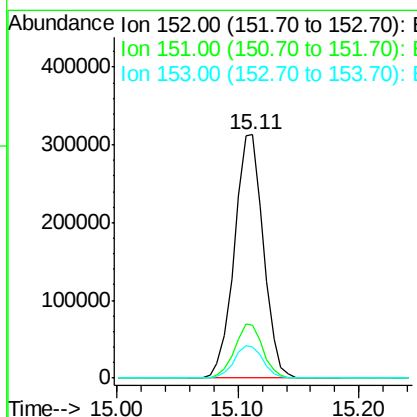
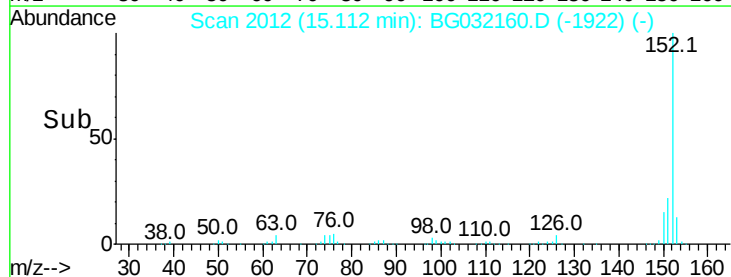
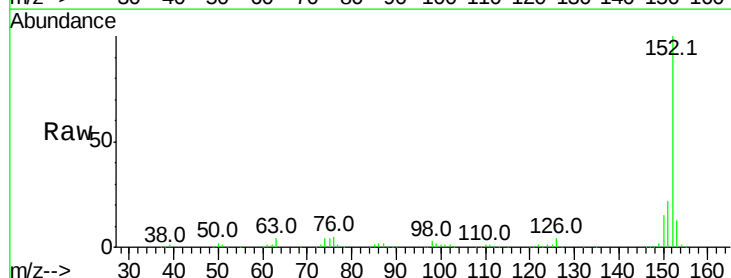
Instrument :
BNA_G
ClientSampled :

Tot Ion: 65 Resp: 81099
Ion Ratio Lower Upper
65 100
92 74.7 54.6 82.0
138 131.0 72.9 109.3#



#48
Acenaphthylene
Concen: 37.297 ng
RT: 15.11 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG032160.D
Acq: 19 Jan 2018 20:22

Tgt Ion:152 Resp: 522335
Ion Ratio Lower Upper
152 100
151 21.7 17.2 25.8
153 13.0 10.2 15.4





#49

Dimethylphthalate

Concen: 39.178 ng

RT: 14.81 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BG032160.D

Acq: 19 Jan 2018 20:22

Instrument :

BNA_G

ClientSampleId :

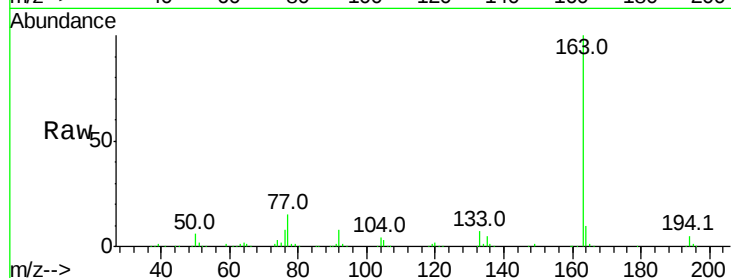
Tot Ion:163 Resp: 472781

Ion Ratio Lower Upper

163 100

194 4.9 3.4 5.2

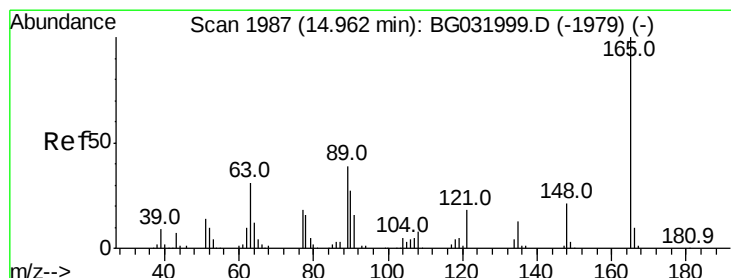
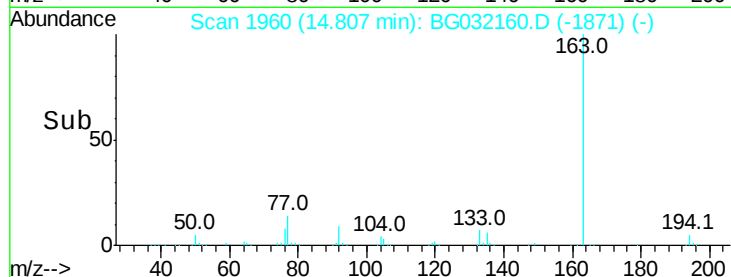
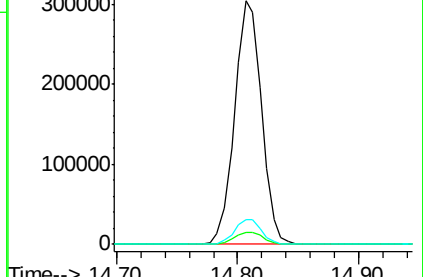
164 10.4 8.2 12.4



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: 42.659 ng

RT: 14.94 min Scan# 1982

Delta R.T. 0.00 min

Lab File: BG032160.D

Acq: 19 Jan 2018 20:22

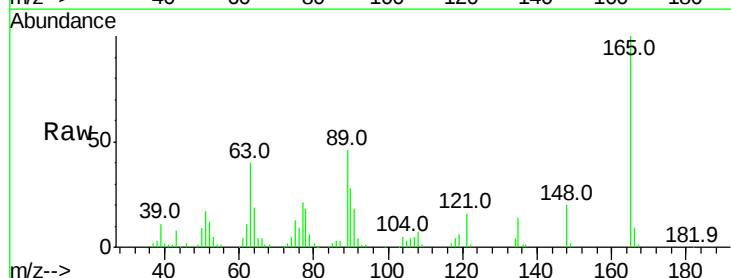
Tgt Ion:165 Resp: 106853

Ion Ratio Lower Upper

165 100

63 39.6 52.7 79.1#

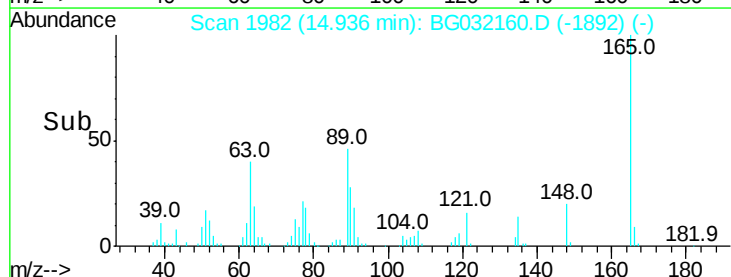
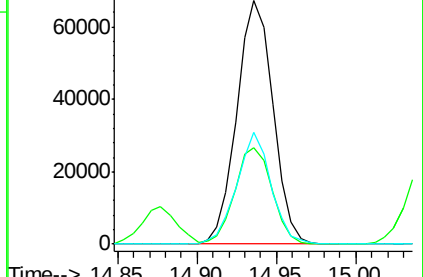
89 46.1 49.2 73.8#

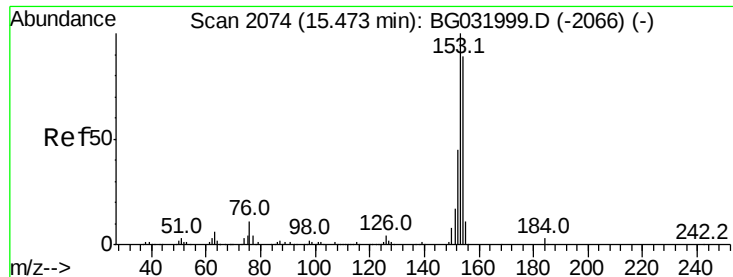


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 43.068 ng

RT: 15.45 min Scan# 2069

Delta R.T. 0.00 min

Lab File: BG032160.D

Acq: 19 Jan 2018 20:22

Instrument :

BNA_G

ClientSampleId :

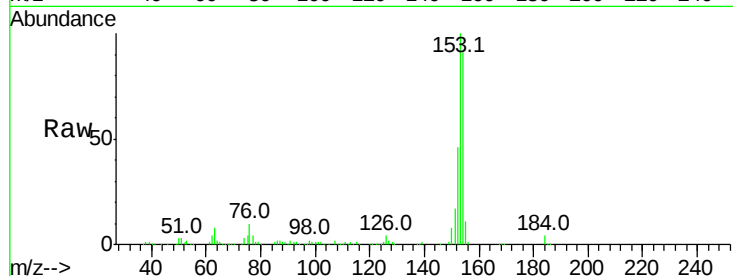
Tot Ion:154 Resp: 398830

Ion Ratio Lower Upper

154 100

153 109.8 90.4 135.6

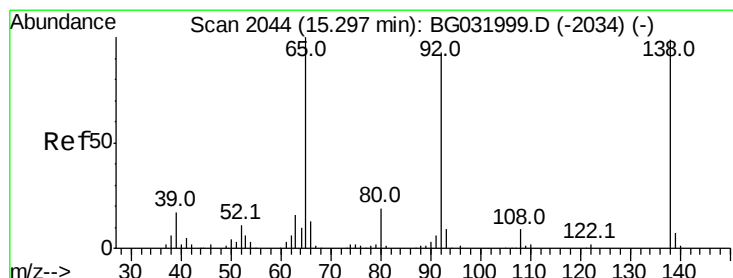
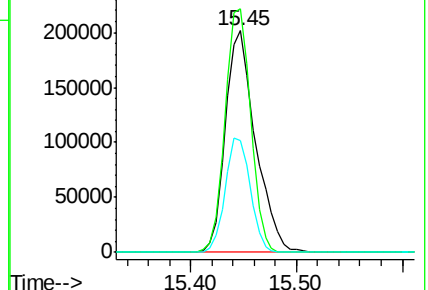
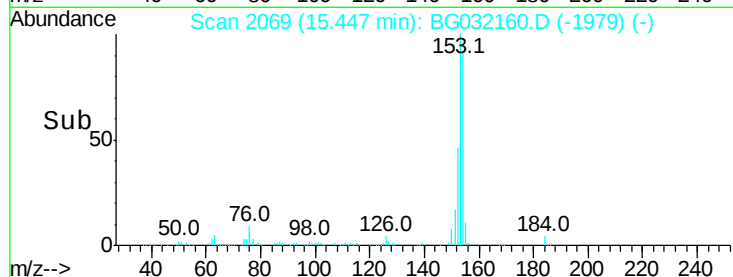
152 50.2 41.6 62.4



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: 25.140 ng

RT: 15.26 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BG032160.D

Acq: 19 Jan 2018 20:22

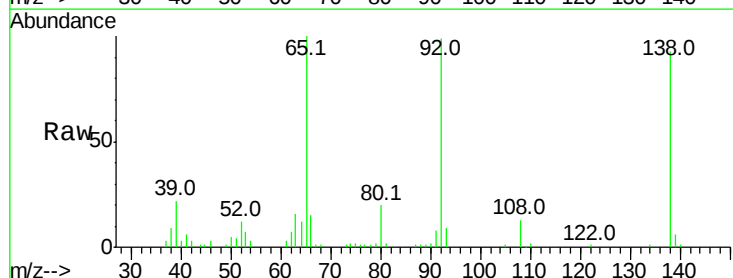
Tgt Ion:138 Resp: 56873

Ion Ratio Lower Upper

138 100

108 14.1 17.5 26.3#

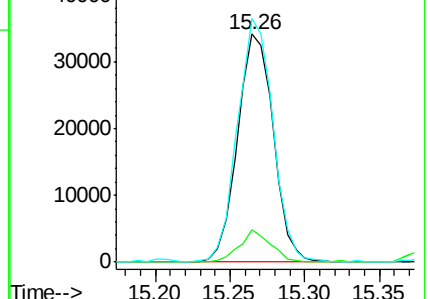
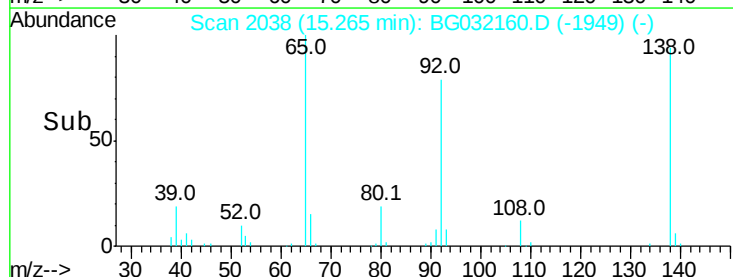
92 106.8 105.8 158.8

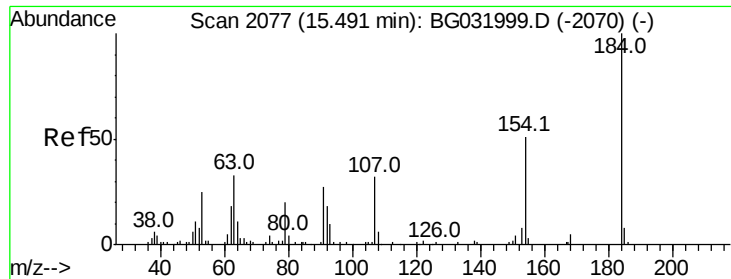


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

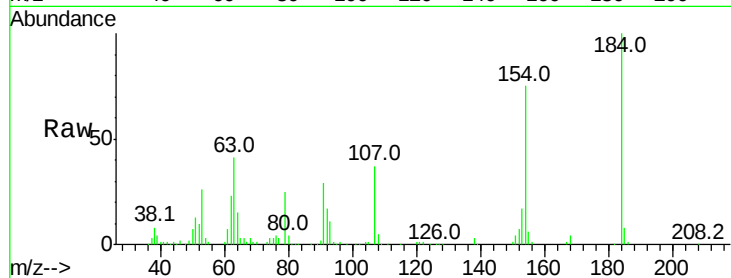




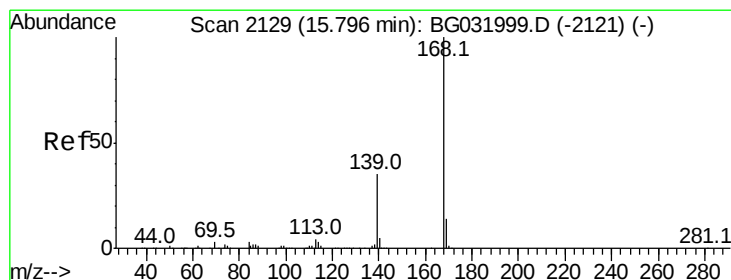
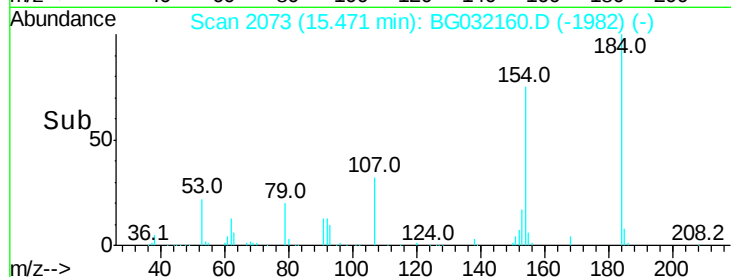
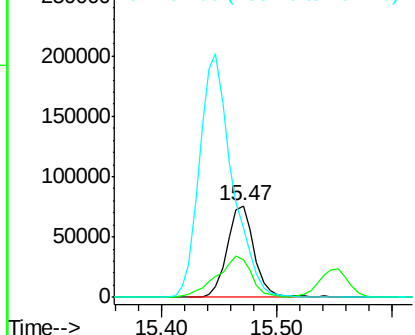
#53
 2,4-Dinitrophenol
 Concen: 96.949 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. 0.01 min
 Lab File: BG032160.D
 Acq: 19 Jan 2018 20:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 123846
 Ion Ratio Lower Upper
 184 100
 63 41.5 59.8 89.8#
 154 75.4 101.8 152.8#

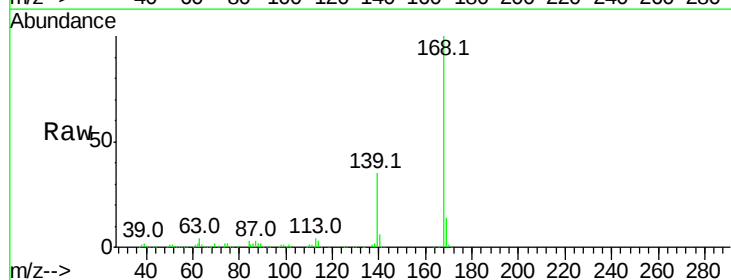


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

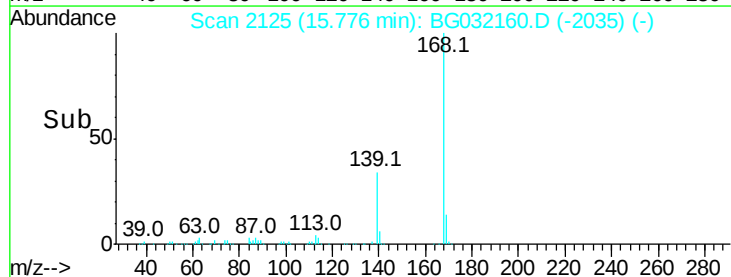
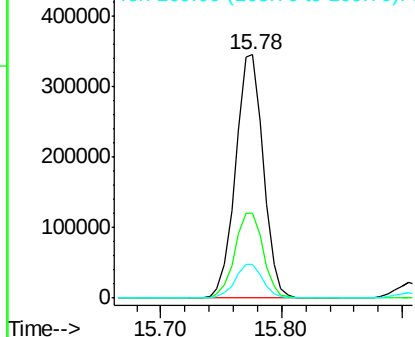


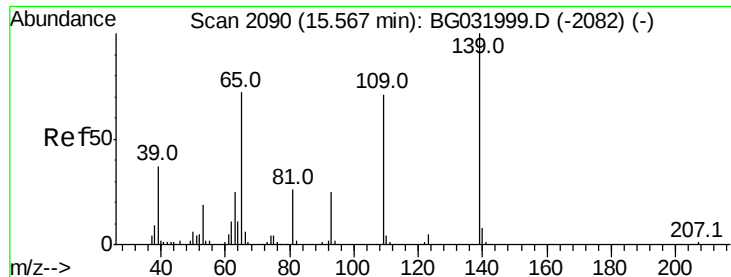
#54
 Dibenzofuran
 Concen: 39.985 ng
 RT: 15.78 min Scan# 2125
 Delta R.T. 0.00 min
 Lab File: BG032160.D
 Acq: 19 Jan 2018 20:22

Tgt Ion:168 Resp: 552365
 Ion Ratio Lower Upper
 168 100
 139 34.7 28.6 43.0
 169 13.9 11.2 16.8



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

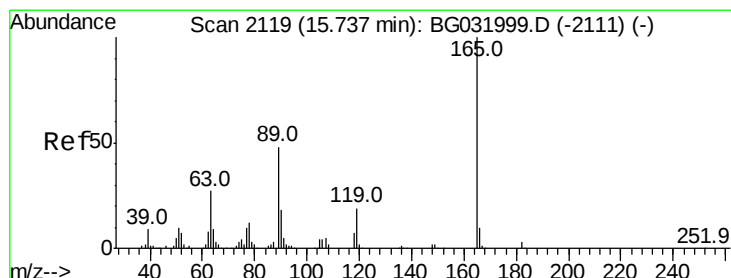
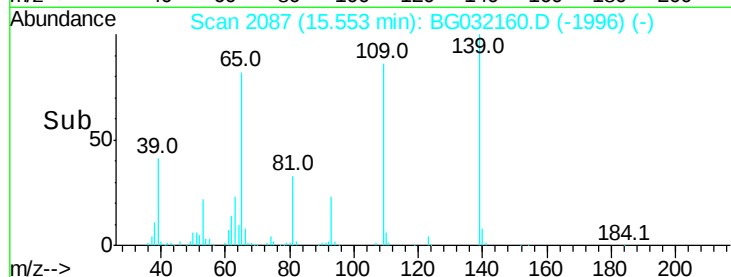
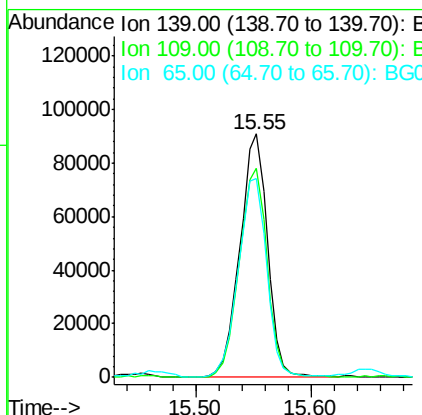
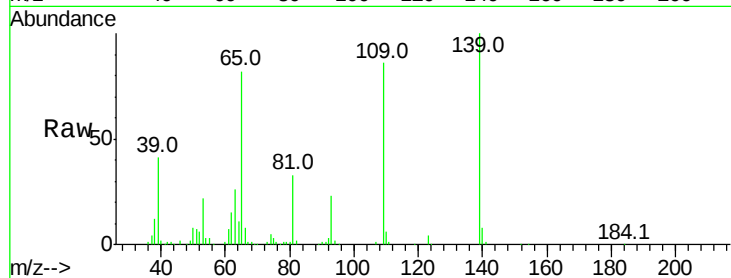




#55
4-Nitrophenol
Concen: 91.973 ng
RT: 15.55 min Scan# 2087
Delta R.T. 0.01 min
Lab File: BG032160.D
Acq: 19 Jan 2018 20:22

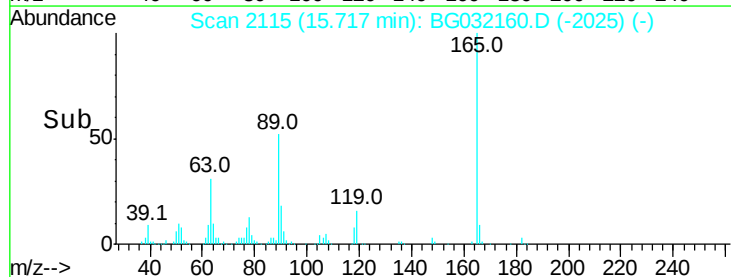
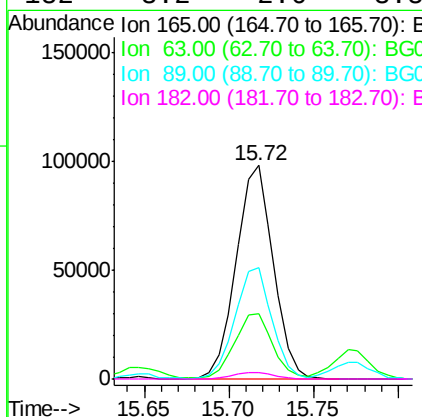
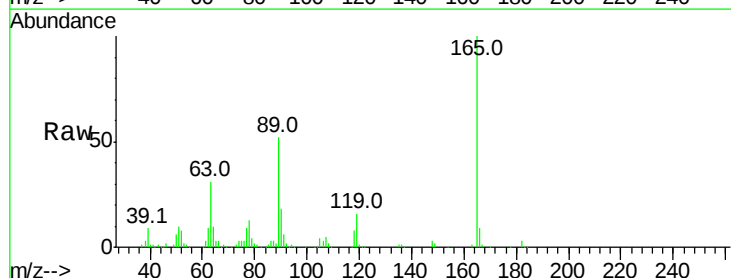
Instrument :
BNA_G
ClientSampleId :

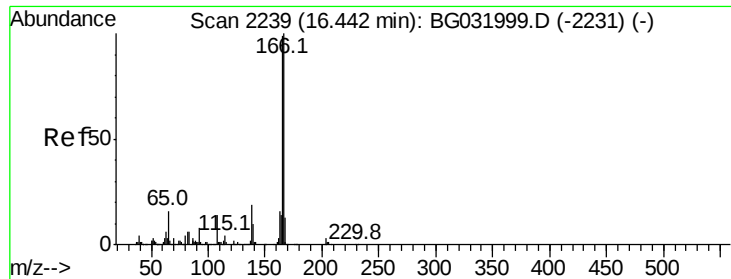
Tot Ion:139 Resp: 151635
Ion Ratio Lower Upper
139 100
109 85.7 62.2 102.2
65 81.9 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 44.611 ng
RT: 15.72 min Scan# 2115
Delta R.T. 0.00 min
Lab File: BG032160.D
Acq: 19 Jan 2018 20:22

Tgt Ion:165 Resp: 150439
Ion Ratio Lower Upper
165 100
63 30.8 42.0 63.0#
89 52.2 66.9 100.3#
182 3.2 2.6 3.8





#57

Fluorene

Concen: 39.350 ng

RT: 16.42 min Scan# 2234

Delta R.T. 0.00 min

Lab File: BG032160.D

Acq: 19 Jan 2018 20:22

Instrument :

BNA_G

ClientSampleId :

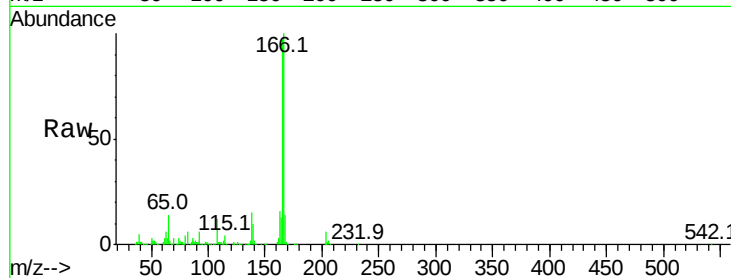
Tot Ion:166 Resp: 445826

Ion Ratio Lower Upper

166 100

165 97.1 80.6 121.0

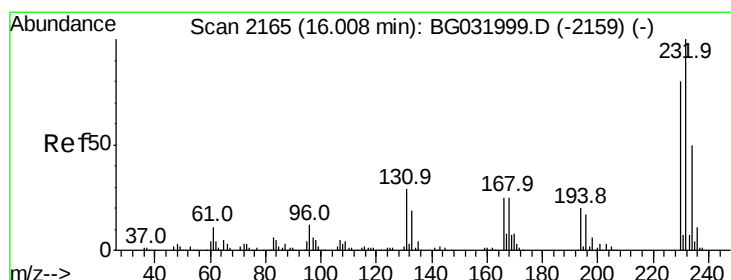
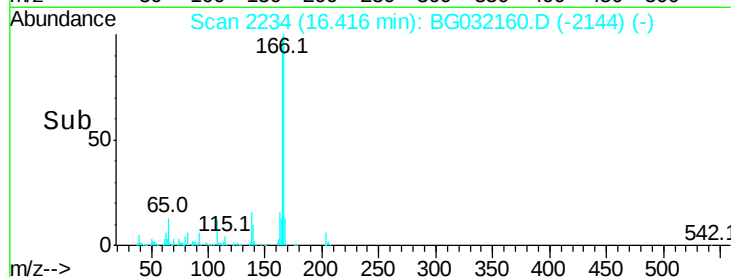
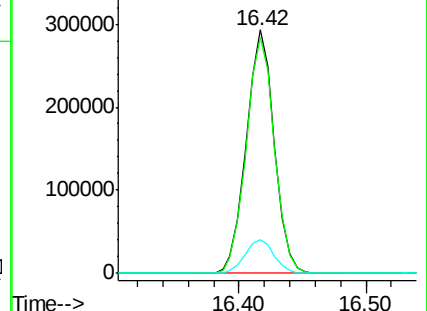
167 13.7 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.451 ng

RT: 15.99 min Scan# 2161

Delta R.T. 0.00 min

Lab File: BG032160.D

Acq: 19 Jan 2018 20:22

Tgt Ion:232 Resp: 171609

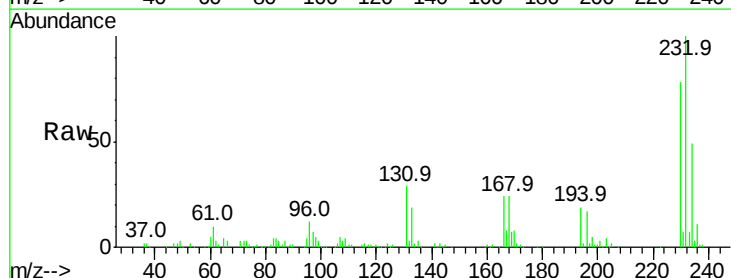
Ion Ratio Lower Upper

232 100

131 30.0 33.5 50.3#

130 1.3 2.2 3.2#

166 25.0 24.8 37.2

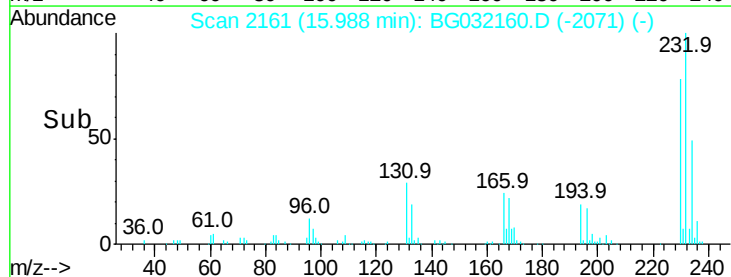
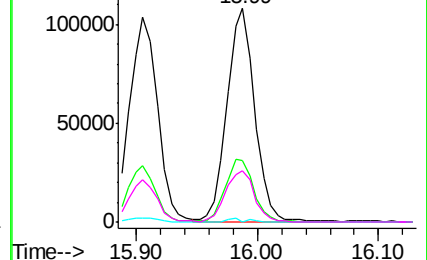


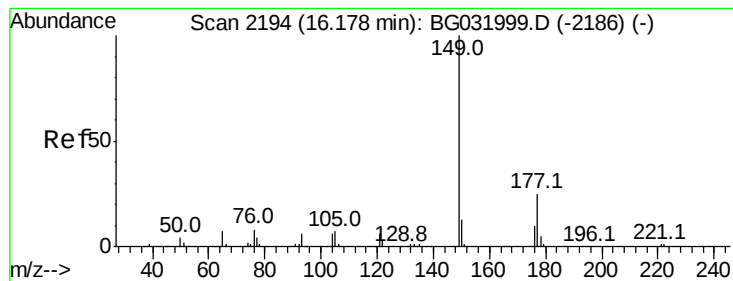
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 38.831 ng

RT: 16.15 min Scan# 2189

Delta R.T. -0.00 min

Lab File: BG032160.D

Acq: 19 Jan 2018 20:22

Instrument :

BNA_G

ClientSampleId :

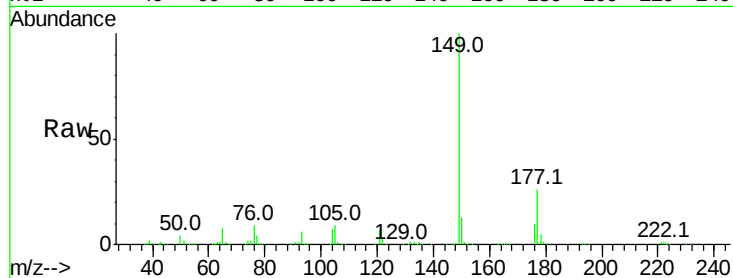
Tot Ion:149 Resp: 454277

Ion Ratio Lower Upper

149 100

177 26.2 18.5 27.7

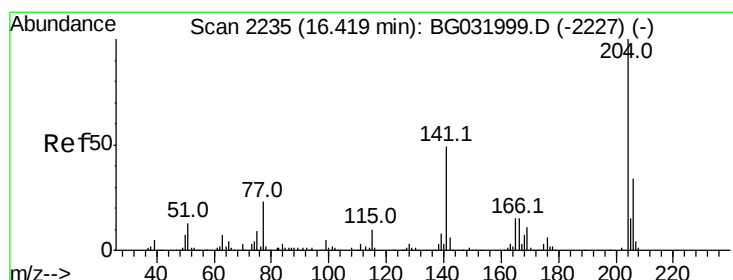
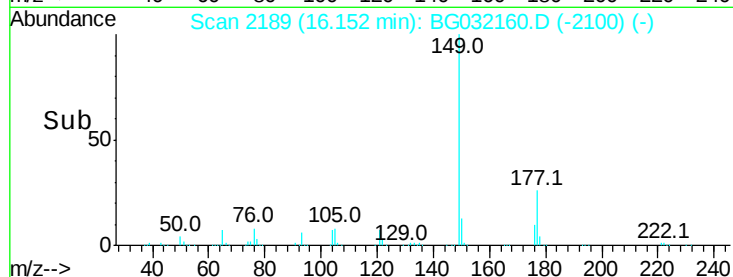
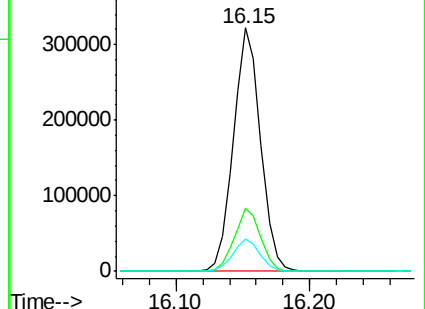
150 13.3 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.056 ng

RT: 16.39 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG032160.D

Acq: 19 Jan 2018 20:22

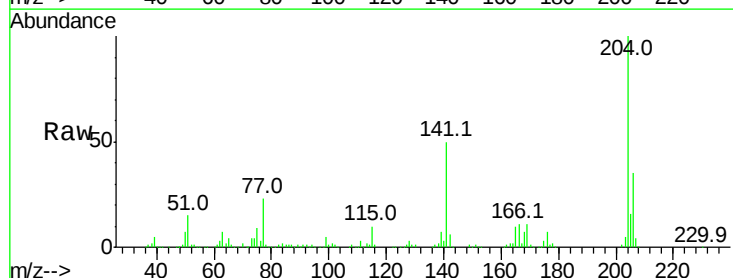
Tgt Ion:204 Resp: 285341

Ion Ratio Lower Upper

204 100

206 35.3 26.2 39.2

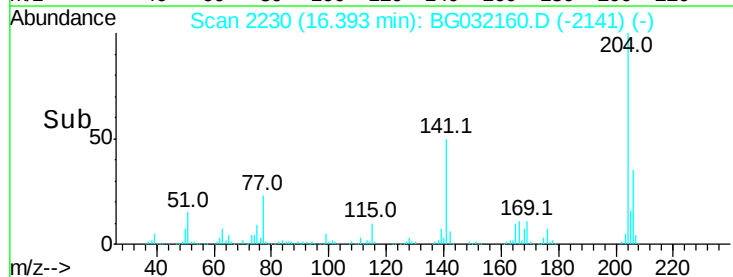
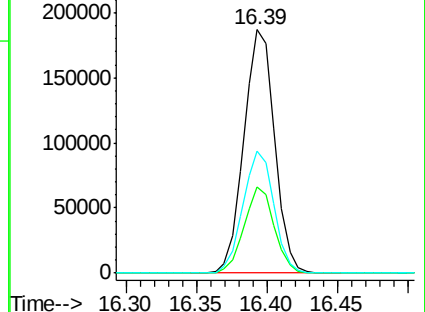
141 50.1 45.8 68.6

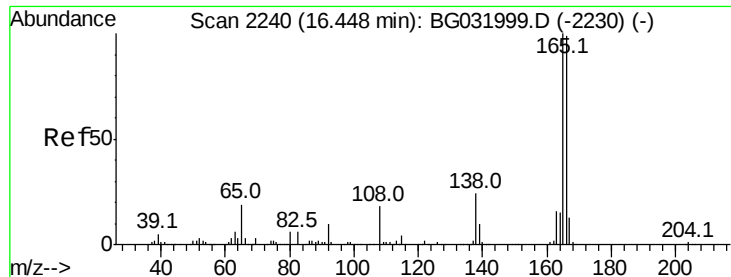


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 40.460 ng

RT: 16.42 min Scan# 2235

Delta R.T. 0.00 min

Lab File: BG032160.D

Acq: 19 Jan 2018 20:22

Instrument :

BNA_G

ClientSampleId :

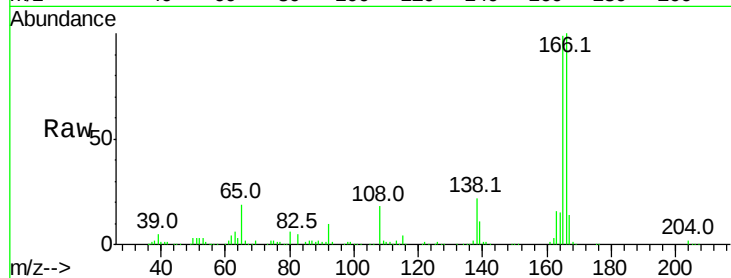
Tot Ion:138 Resp: 87803

Ion Ratio Lower Upper

138 100

92 44.4 40.1 80.1

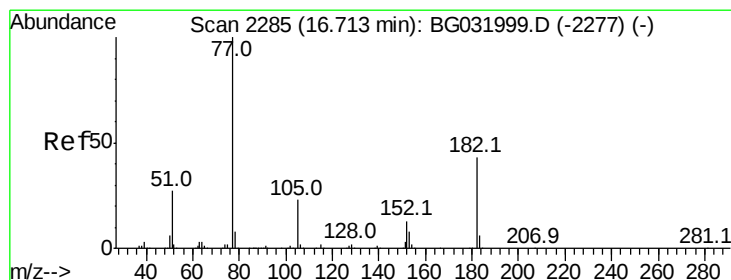
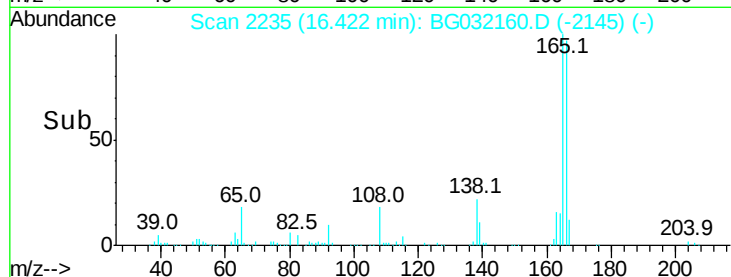
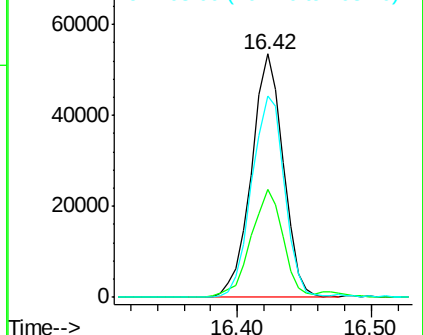
108 82.8 65.4 105.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 41.096 ng

RT: 16.69 min Scan# 2280

Delta R.T. 0.00 min

Lab File: BG032160.D

Acq: 19 Jan 2018 20:22

Tgt Ion: 77 Resp: 300920

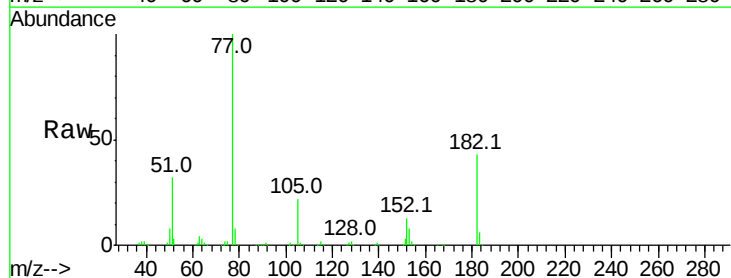
Ion Ratio Lower Upper

77 100

182 43.1 7.4 47.4

105 22.3 0.3 40.3

51 31.6 11.6 51.6

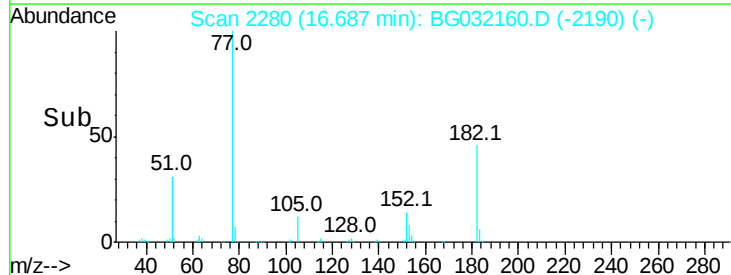
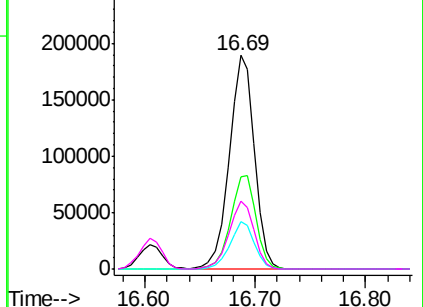


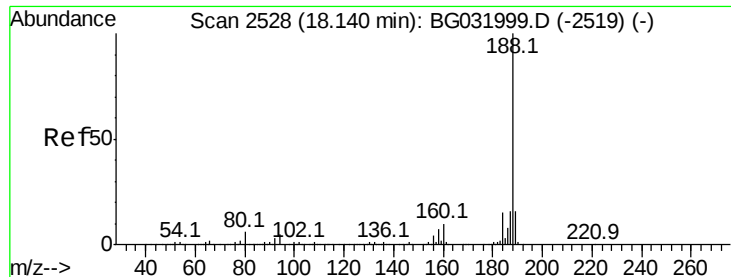
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

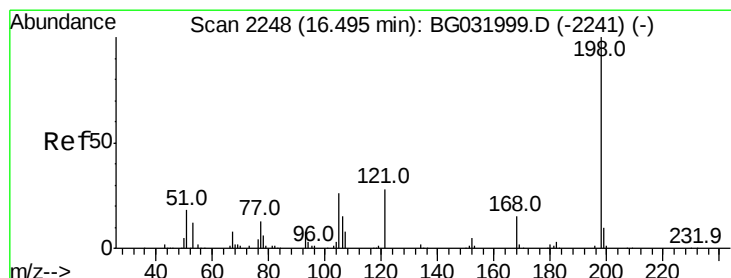
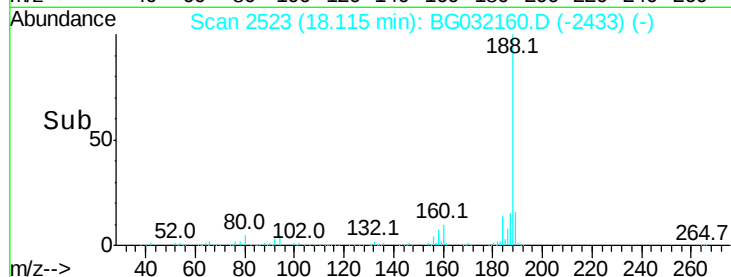
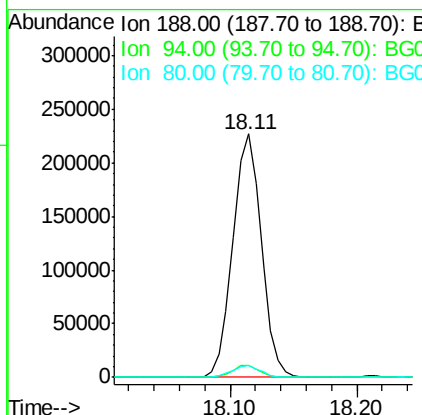
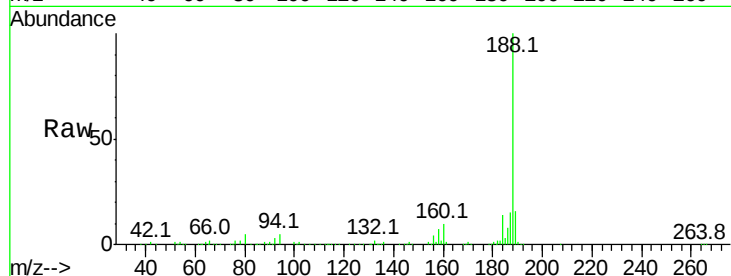




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.11 min Scan# 2523
 Delta R.T. 0.00 min
 Lab File: BG032160.D
 Acq: 19 Jan 2018 20:22

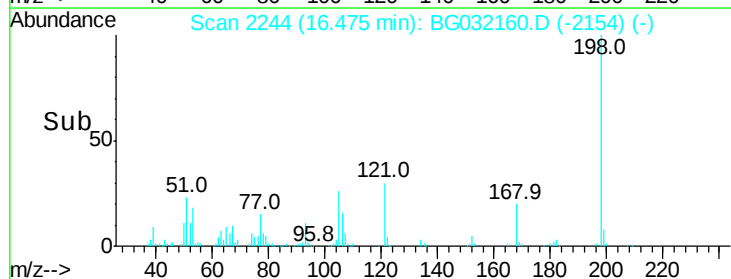
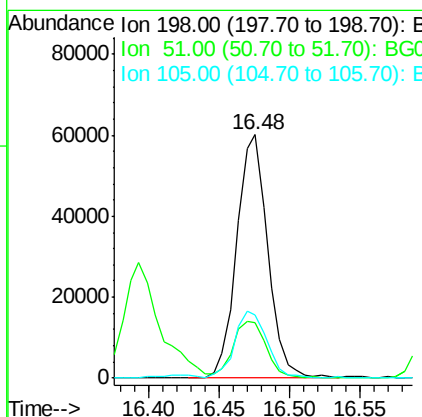
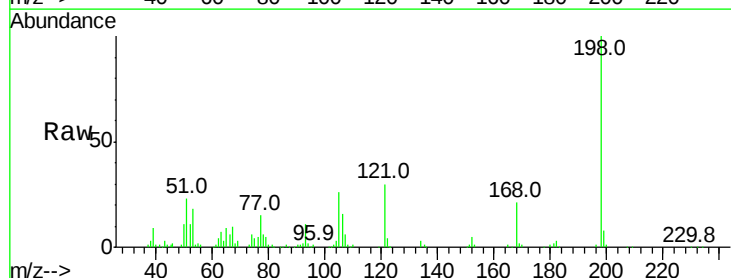
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:188 Resp: 352086
 Ion Ratio Lower Upper
 188 100
 94 5.1 6.9 10.3#
 80 5.0 7.7 11.5#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 41.636 ng
 RT: 16.48 min Scan# 2244
 Delta R.T. 0.00 min
 Lab File: BG032160.D
 Acq: 19 Jan 2018 20:22

Tgt Ion:198 Resp: 92205
 Ion Ratio Lower Upper
 198 100
 51 22.8 30.6 70.6#
 105 26.1 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 38.934 ng

RT: 16.60 min Scan# 2266

Delta R.T. 0.00 min

Lab File: BG032160.D

Acq: 19 Jan 2018 20:22

Instrument :

BNA_G

ClientSampleId :

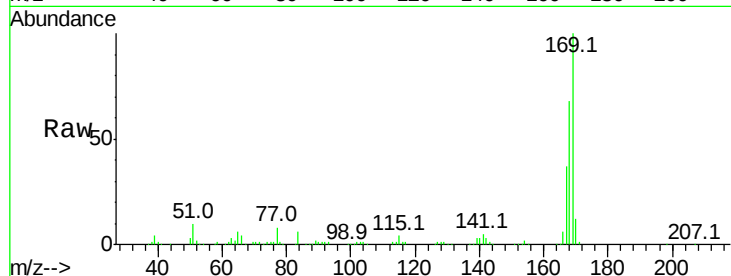
Tot Ion:169 Resp: 415967

Ion Ratio Lower Upper

169 100

168 67.6 55.7 83.5

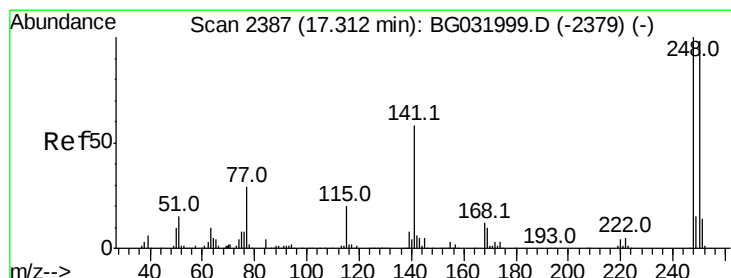
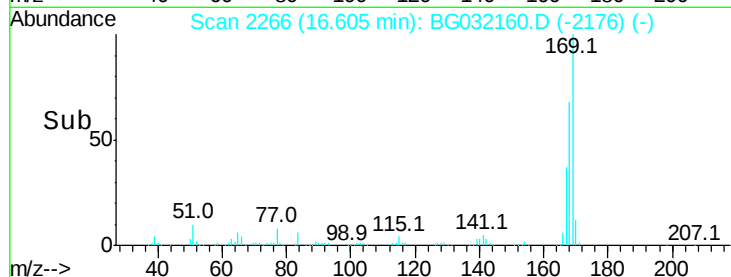
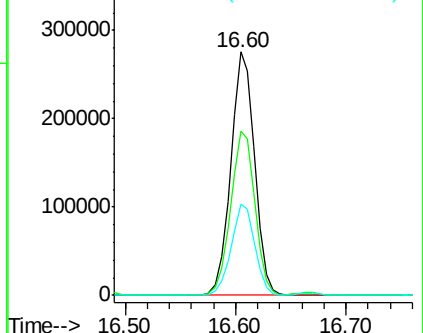
167 37.4 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.930 ng

RT: 17.29 min Scan# 2382

Delta R.T. -0.00 min

Lab File: BG032160.D

Acq: 19 Jan 2018 20:22

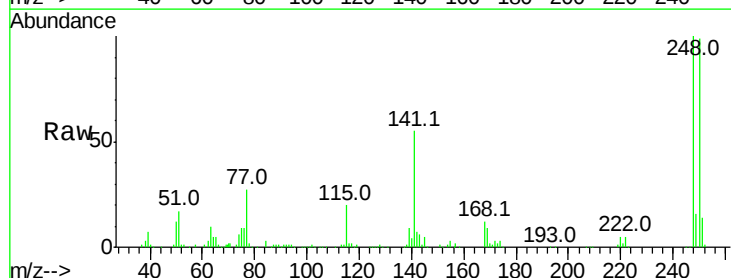
Tgt Ion:248 Resp: 205041

Ion Ratio Lower Upper

248 100

250 98.6 77.1 115.7

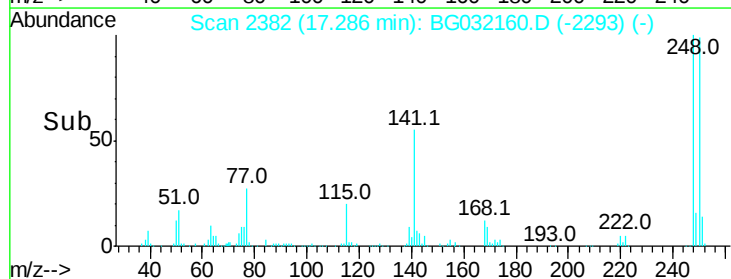
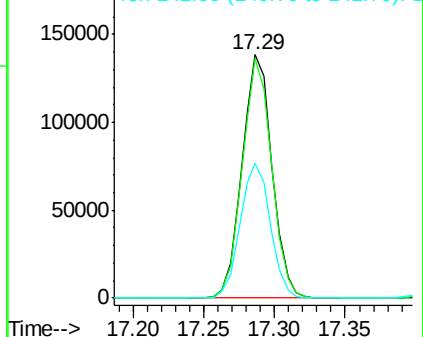
141 55.3 50.8 76.2

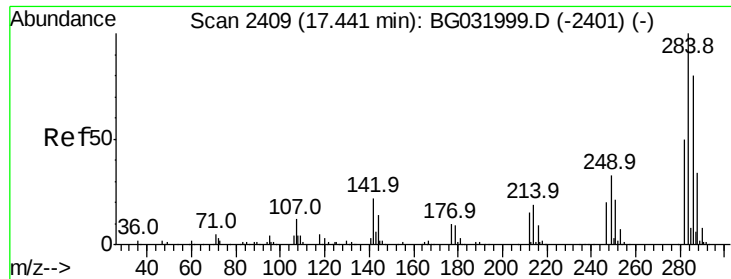


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.172 ng

RT: 17.42 min Scan# 2404

Delta R.T. 0.00 min

Lab File: BG032160.D

Acq: 19 Jan 2018 20:22

Instrument :

BNA_G

ClientSampleId :

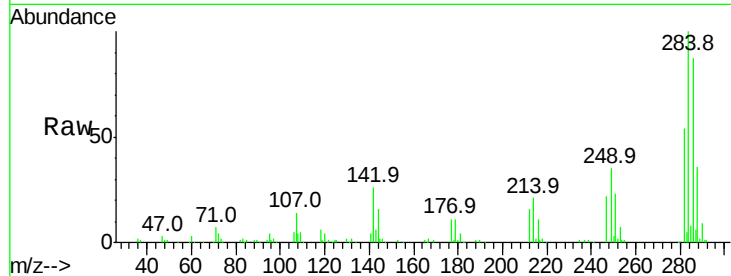
Tot Ion:284 Resp: 206016

Ion Ratio Lower Upper

284 100

142 25.5 26.8 40.2#

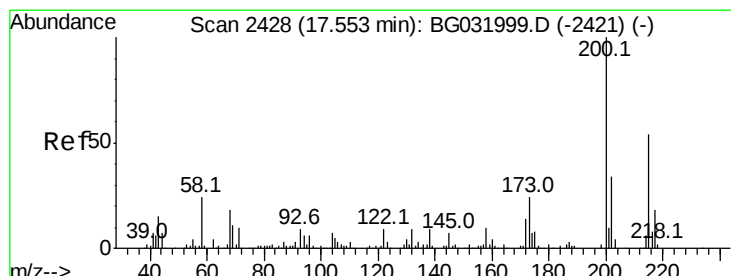
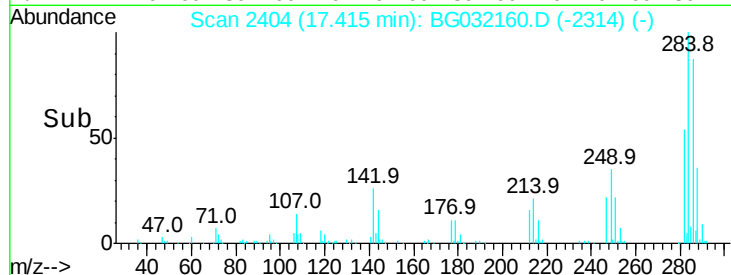
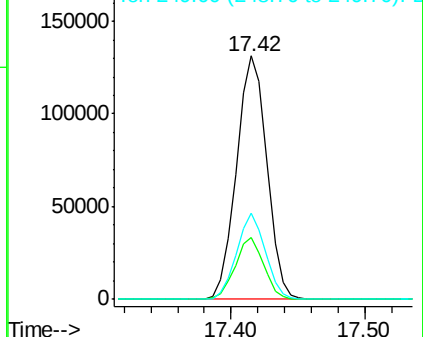
249 35.3 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 42.757 ng

RT: 17.53 min Scan# 2424

Delta R.T. 0.00 min

Lab File: BG032160.D

Acq: 19 Jan 2018 20:22

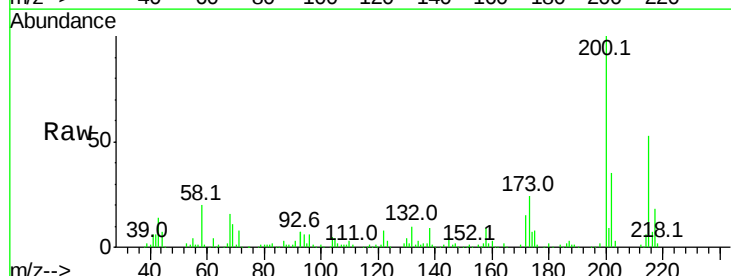
Tgt Ion:200 Resp: 192108

Ion Ratio Lower Upper

200 100

173 24.0 5.2 45.2

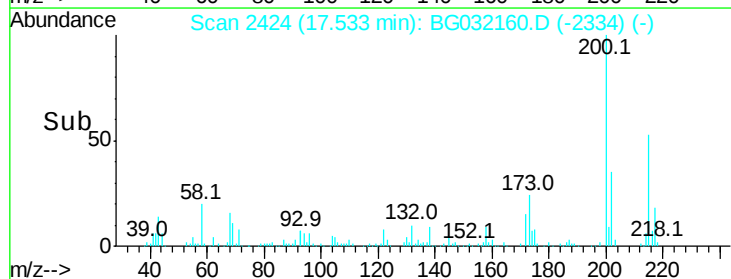
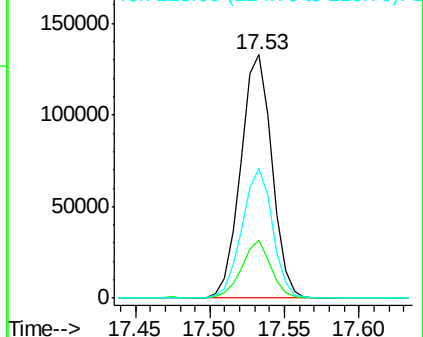
215 53.3 30.4 70.4

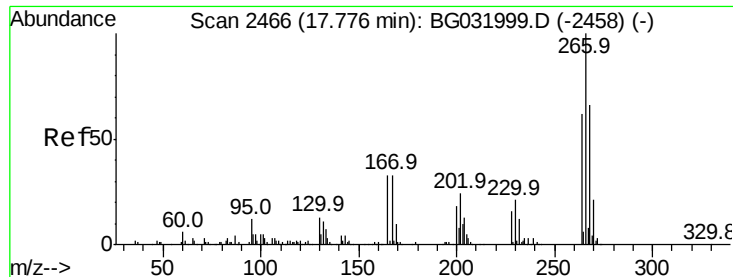


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

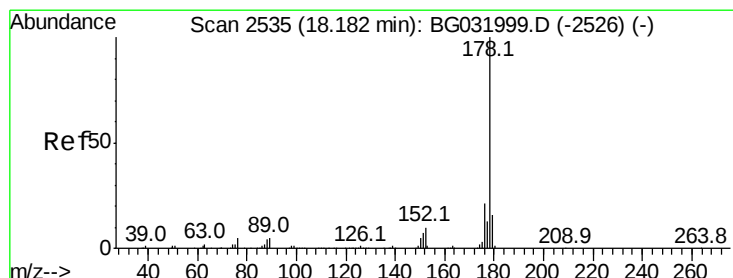
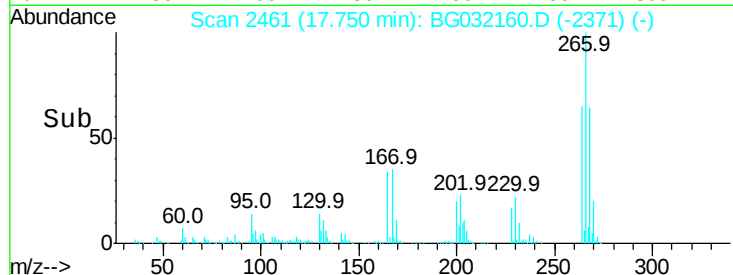
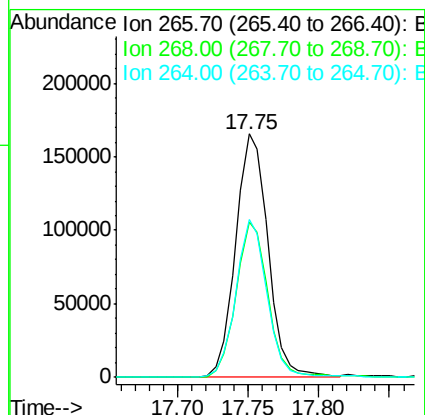
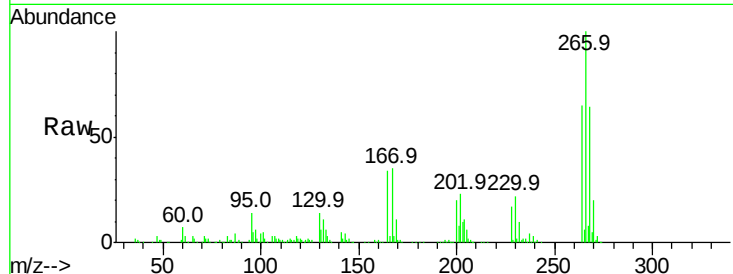




#69
 Pentachlorophenol
 Concen: 74.961 ng
 RT: 17.75 min Scan# 2461
 Delta R.T. 0.00 min
 Lab File: BG032160.D
 Acq: 19 Jan 2018 20:22

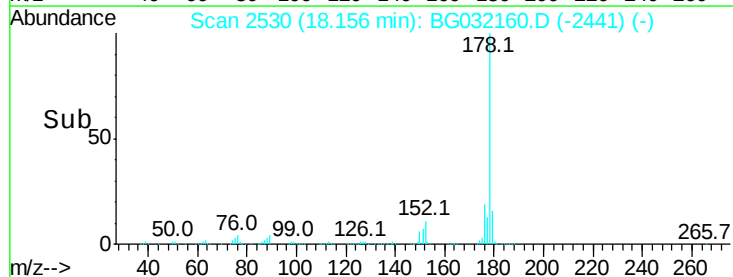
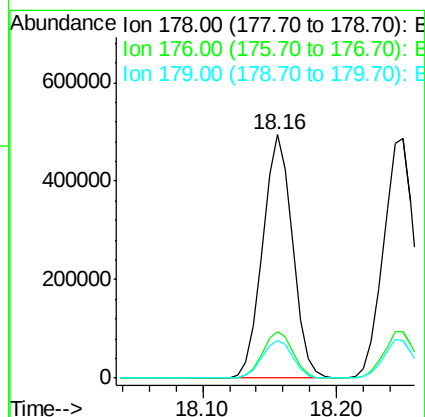
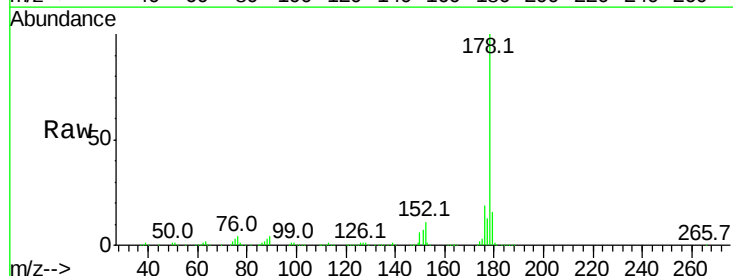
Instrument :
 BNA_G
 ClientSampleId :

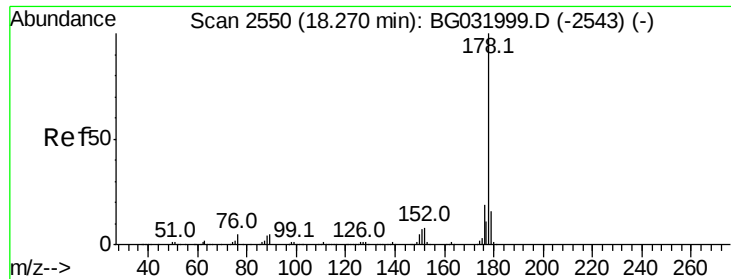
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.1	76.7
264	64.7	49.6	74.4



#70
 Phenanthrene
 Concen: 39.010 ng
 RT: 18.16 min Scan# 2530
 Delta R.T. -0.00 min
 Lab File: BG032160.D
 Acq: 19 Jan 2018 20:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.7	23.5
179	15.7	12.5	18.7

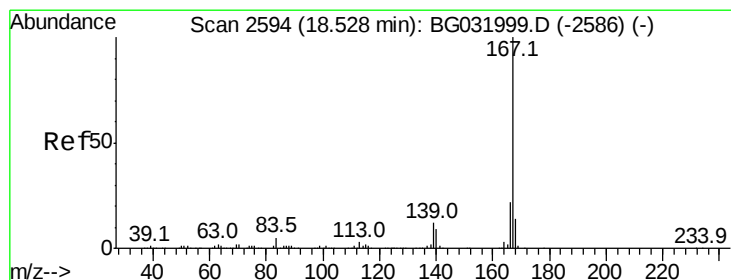
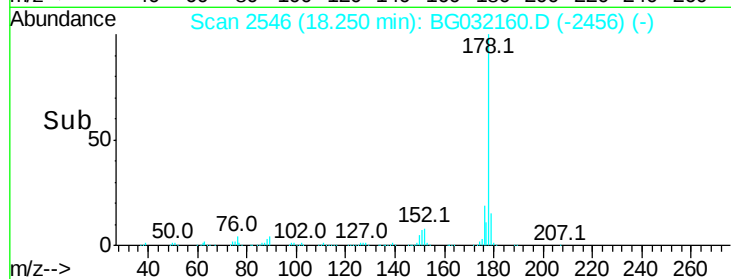
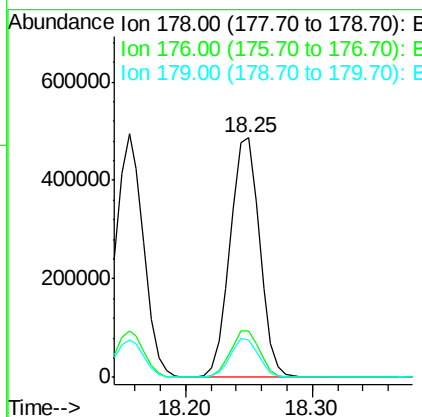
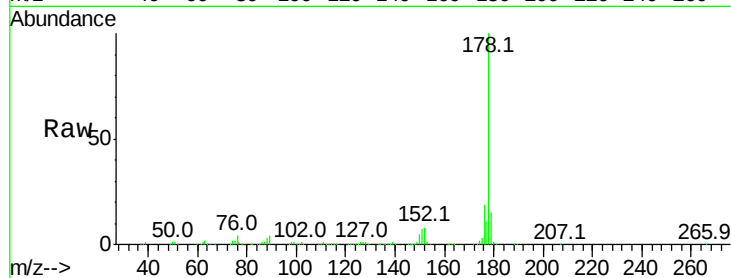




#71
 Anthracene
 Concen: 40.020 ng
 RT: 18.25 min Scan# 2546
 Delta R.T. 0.00 min
 Lab File: BG032160.D
 Acq: 19 Jan 2018 20:22

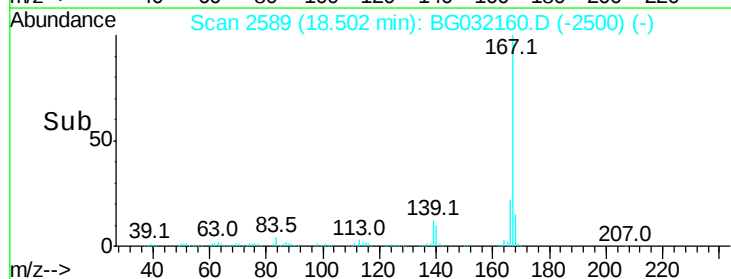
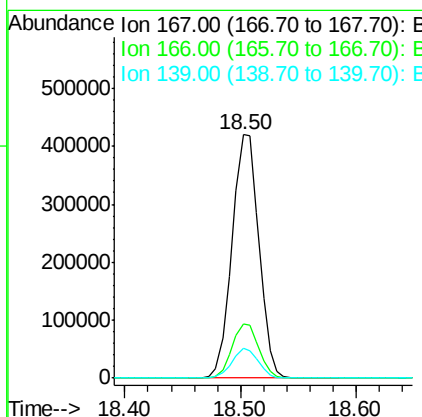
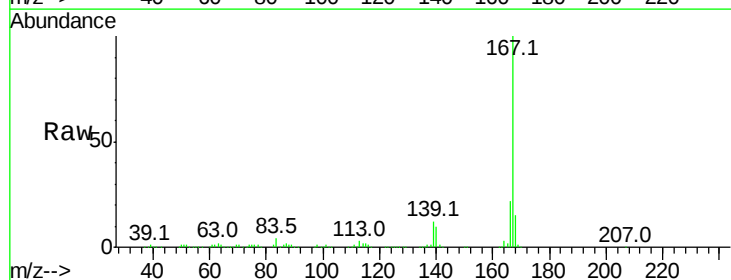
Instrument :
 BNA_G
 ClientSampleId :

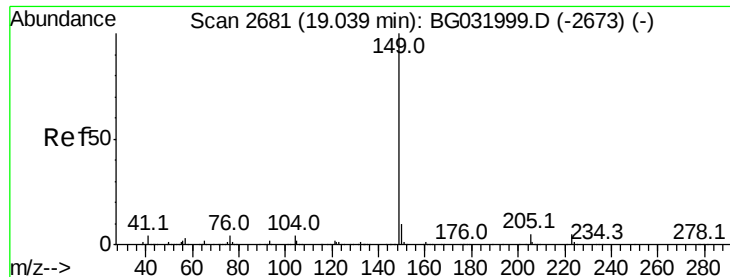
Tot Ion:178 Resp: 782444
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.0 24.0
 179 15.5 12.5 18.7



#72
 Carbazole
 Concen: 39.920 ng
 RT: 18.50 min Scan# 2589
 Delta R.T. -0.00 min
 Lab File: BG032160.D
 Acq: 19 Jan 2018 20:22

Tgt Ion:167 Resp: 677066
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.2 27.4
 139 12.1 9.4 14.2

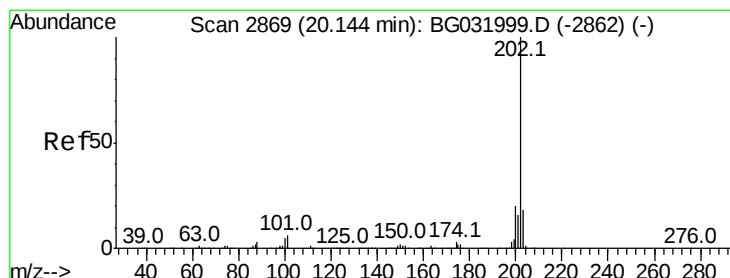
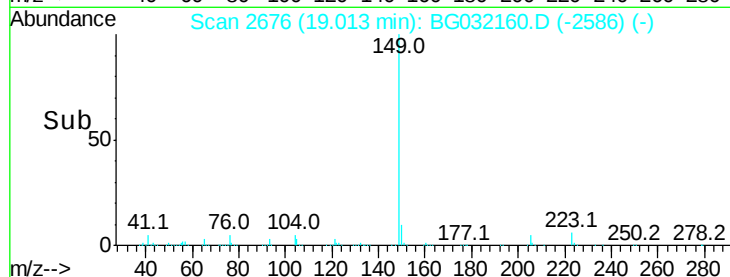
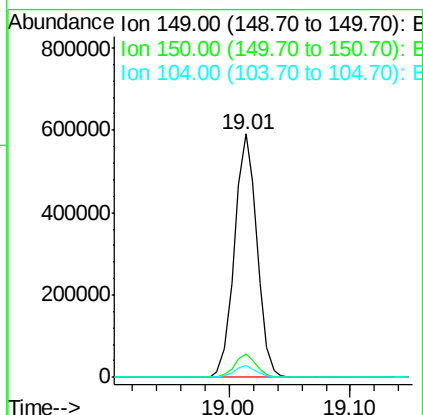
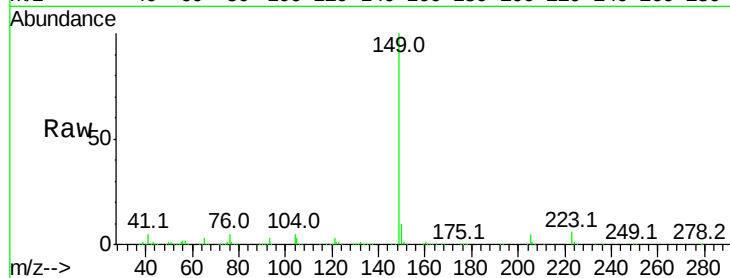




#73
Di-n-butylphthalate
Concen: 38.260 ng
RT: 19.01 min Scan# 2676
Delta R.T. 0.00 min
Lab File: BG032160.D
Acq: 19 Jan 2018 20:22

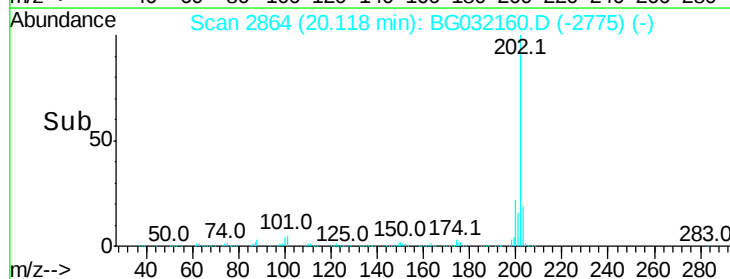
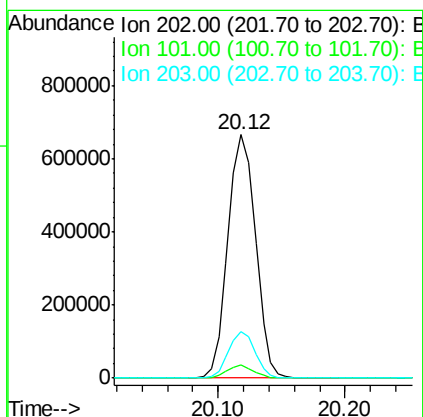
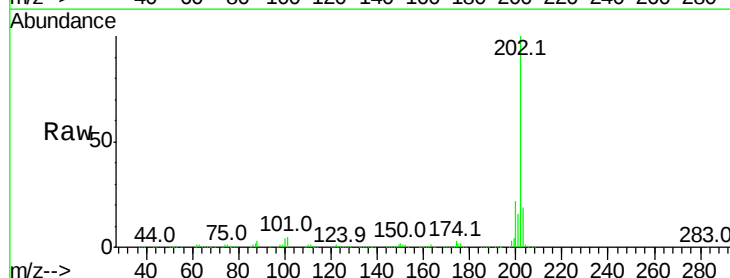
Instrument :
BNA_G
ClientSampleId :

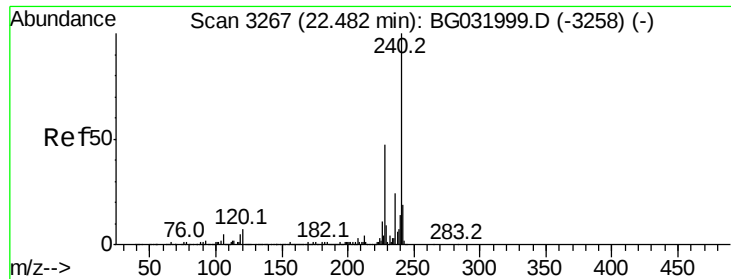
Tot Ion:149 Resp: 766794
Ion Ratio Lower Upper
149 100
150 9.8 7.8 11.6
104 4.8 3.9 5.9



#74
Fluoranthene
Concen: 40.806 ng
RT: 20.12 min Scan# 2864
Delta R.T. -0.00 min
Lab File: BG032160.D
Acq: 19 Jan 2018 20:22

Tgt Ion:202 Resp: 1001541
Ion Ratio Lower Upper
202 100
101 5.3 0.0 28.9
203 19.1 0.0 37.5

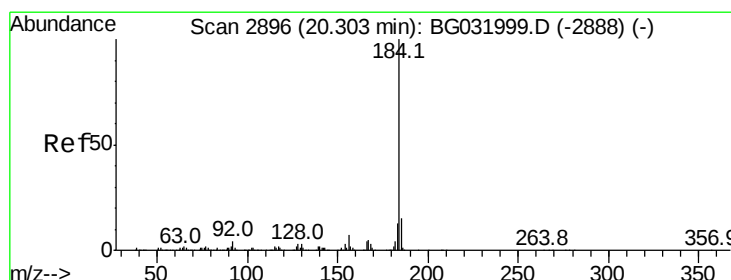
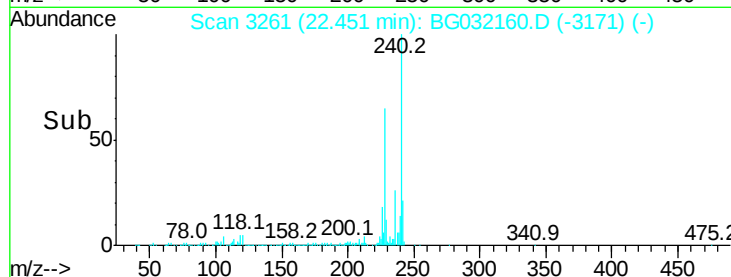
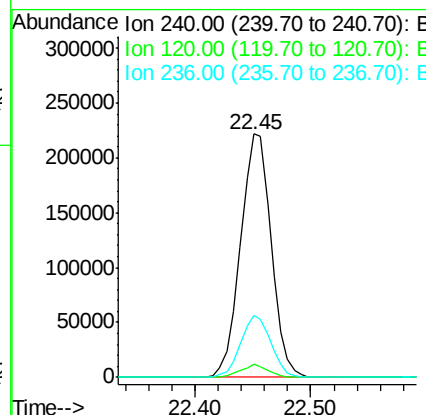
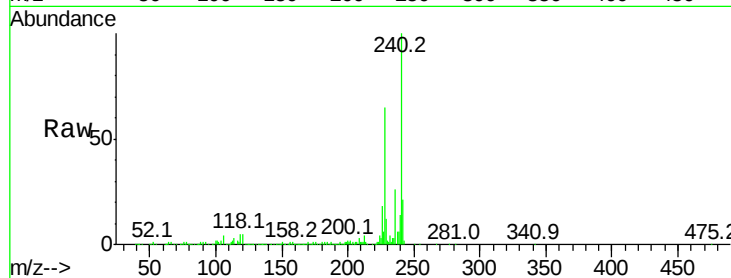




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.45 min Scan# 3261
 Delta R.T. 0.00 min
 Lab File: BG032160.D
 Acq: 19 Jan 2018 20:22

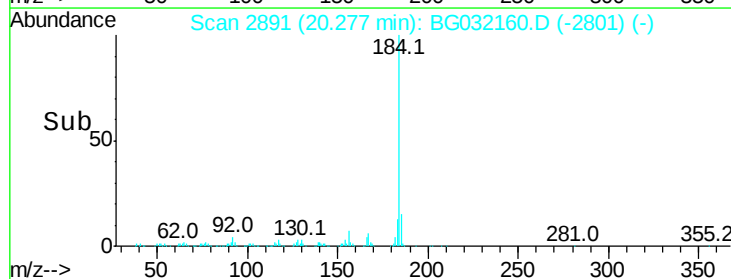
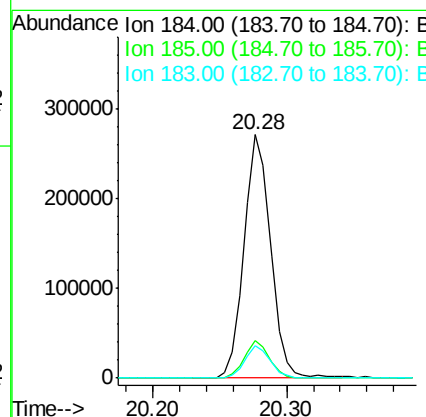
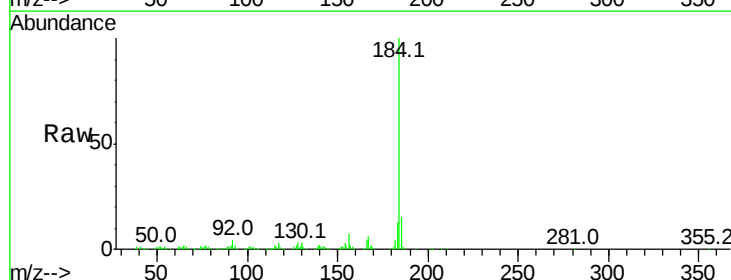
Instrument :
 BNA_G
 ClientSampleId :

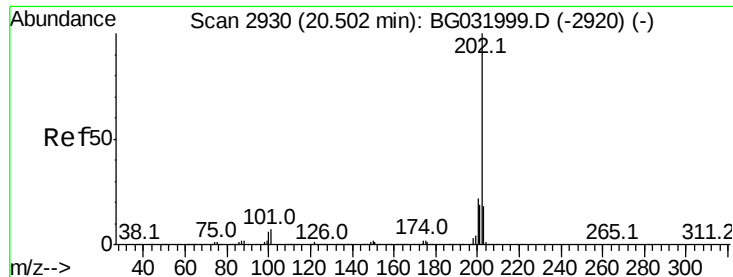
Tot Ion:240 Resp: 406765
 Ion Ratio Lower Upper
 240 100
 120 5.2 6.8 10.2#
 236 25.5 20.9 31.3



#76
 Benzidine
 Concen: 36.693 ng
 RT: 20.28 min Scan# 2891
 Delta R.T. 0.00 min
 Lab File: BG032160.D
 Acq: 19 Jan 2018 20:22

Tgt Ion:184 Resp: 373224
 Ion Ratio Lower Upper
 184 100
 185 15.3 11.1 16.7
 183 13.4 10.6 16.0

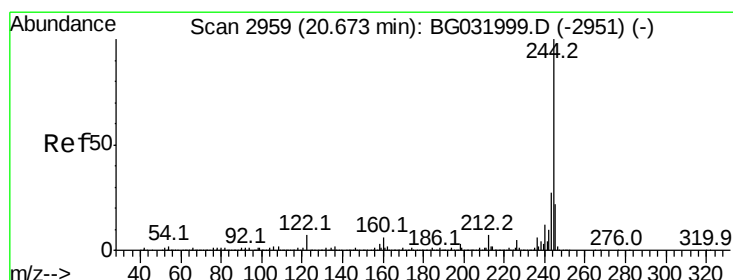
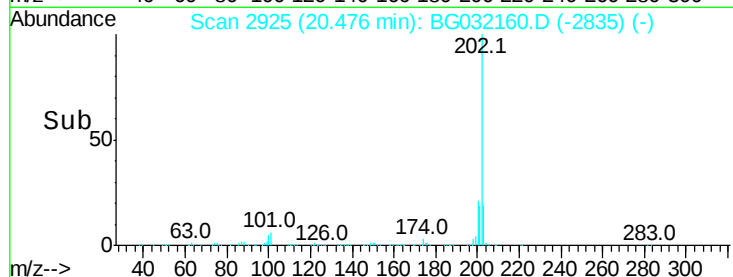
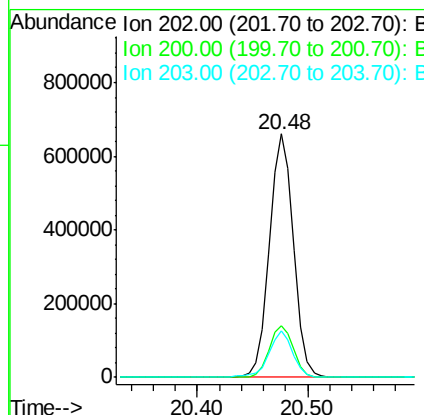
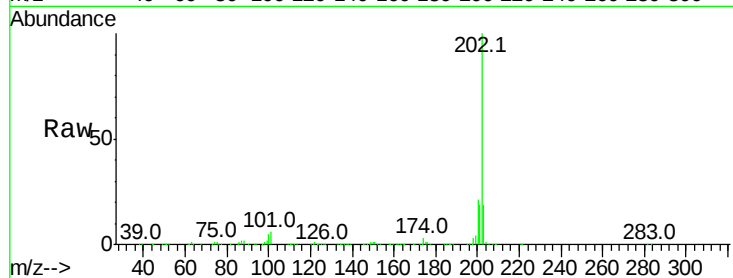




#77
Pvrene
Concen: 39.229 ng
RT: 20.48 min Scan# 2925
Delta R.T. 0.00 min
Lab File: BG032160.D
Acq: 19 Jan 2018 20:22

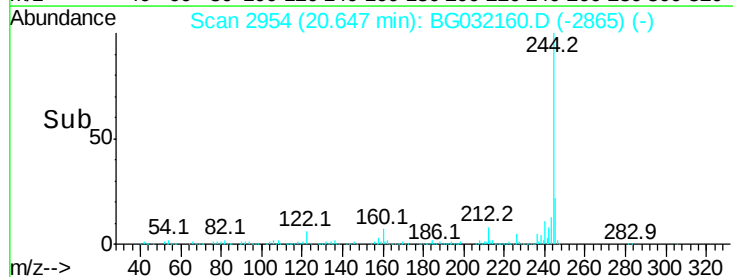
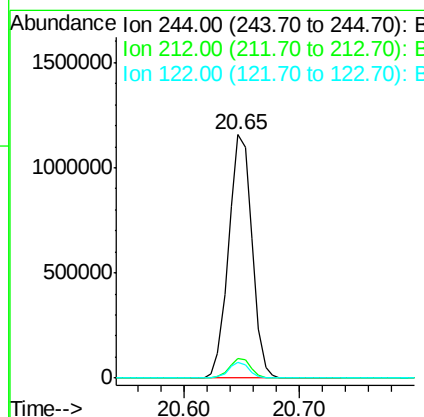
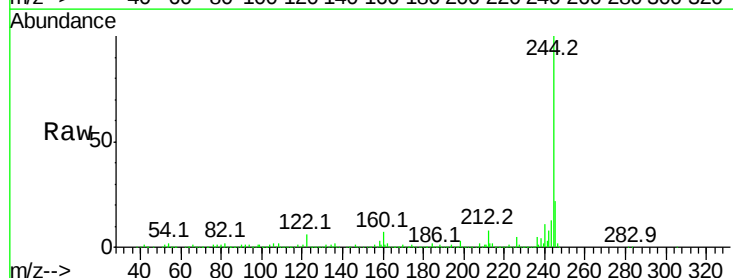
Instrument :
BNA_G
ClientSampleId :

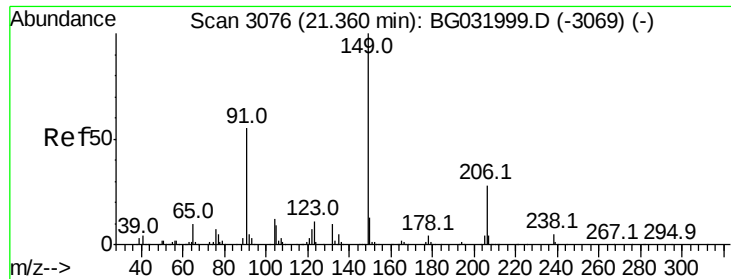
Tot Ion:202 Resp: 1003109
Ion Ratio Lower Upper
202 100
200 21.2 16.9 25.3
203 19.0 13.9 20.9



#78
Terphenyl-d14
Concen: 87.801 ng
RT: 20.65 min Scan# 2954
Delta R.T. -0.00 min
Lab File: BG032160.D
Acq: 19 Jan 2018 20:22

Tgt Ion:244 Resp: 1617462
Ion Ratio Lower Upper
244 100
212 7.9 5.8 8.8
122 6.4 7.0 10.4#

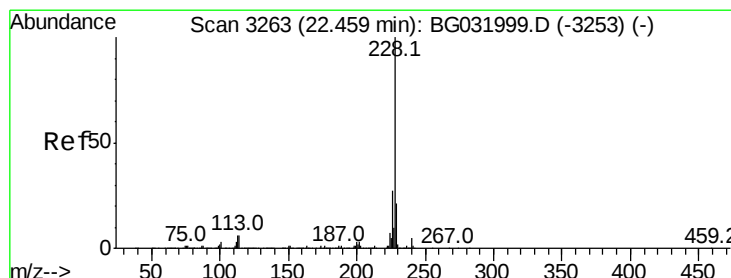
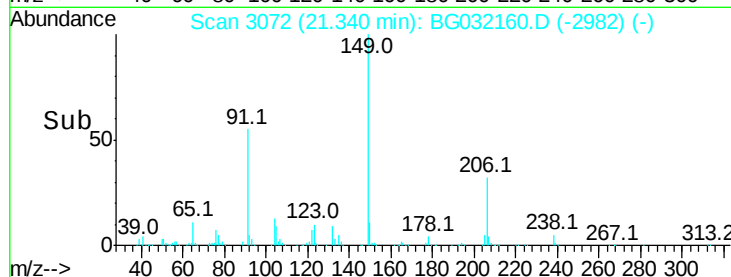
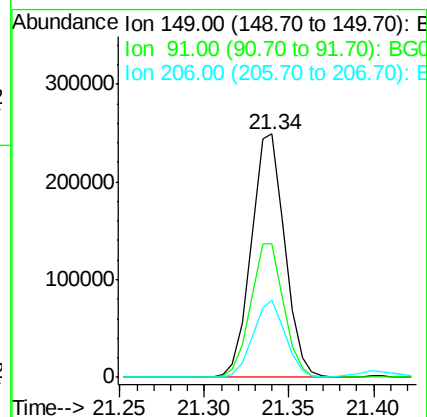
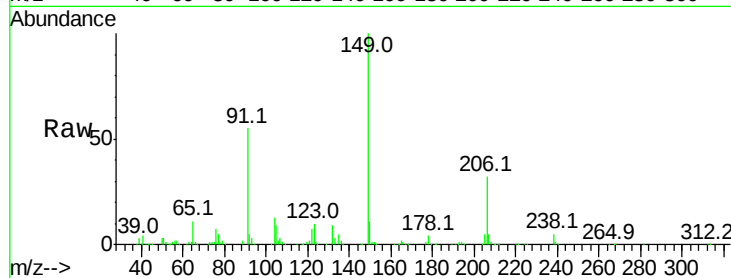




#79
Butylbenzylphthalate
Concen: 37.515 ng
RT: 21.34 min Scan# 3072
Delta R.T. 0.00 min
Lab File: BG032160.D
Acq: 19 Jan 2018 20:22

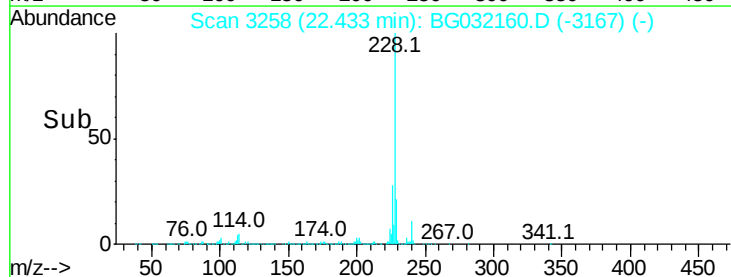
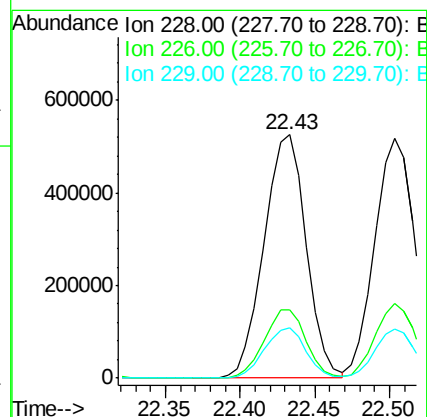
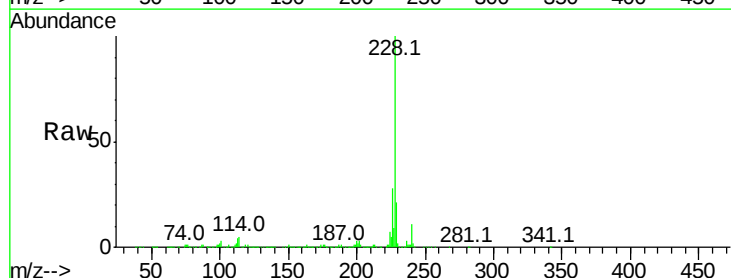
Instrument :
BNA_G
ClientSampleId :

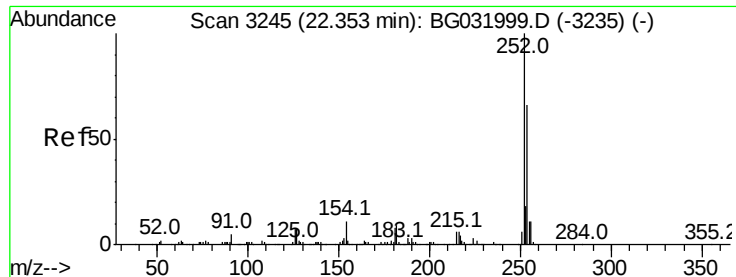
Tot Ion:149 Resp: 343704
Ion Ratio Lower Upper
149 100
91 54.6 62.2 93.2#
206 31.9 18.6 27.8#



#80
Benzo(a)anthracene
Concen: 40.817 ng
RT: 22.43 min Scan# 3258
Delta R.T. 0.01 min
Lab File: BG032160.D
Acq: 19 Jan 2018 20:22

Tgt Ion:228 Resp: 1032543
Ion Ratio Lower Upper
228 100
226 28.0 22.7 34.1
229 20.7 16.2 24.2

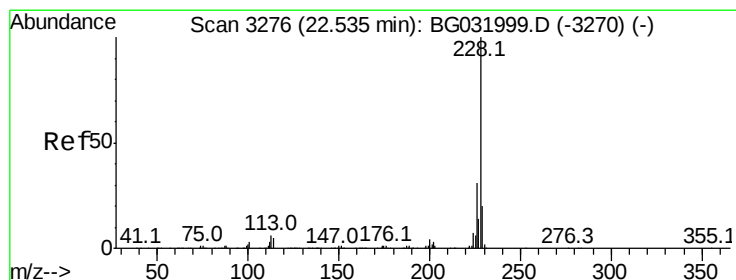
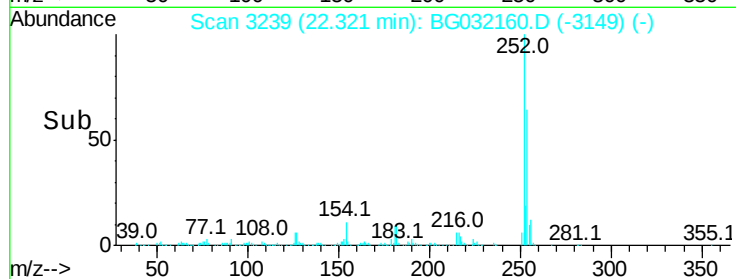
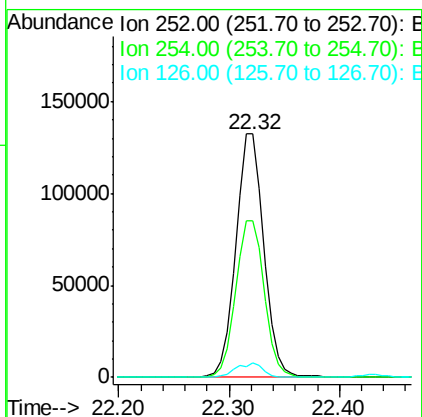
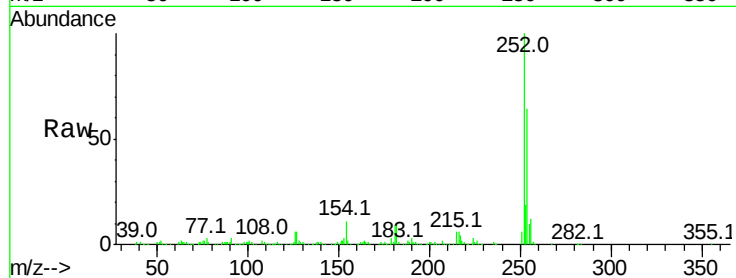




#81
 3,3'-Dichlorobenzidine
 Concen: 25.034 ng
 RT: 22.32 min Scan# 3239
 Delta R.T. 0.00 min
 Lab File: BG032160.D
 Acq: 19 Jan 2018 20:22

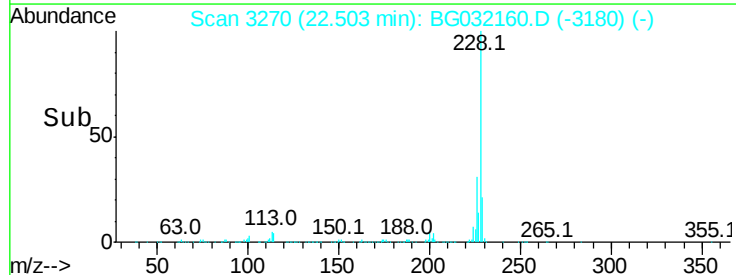
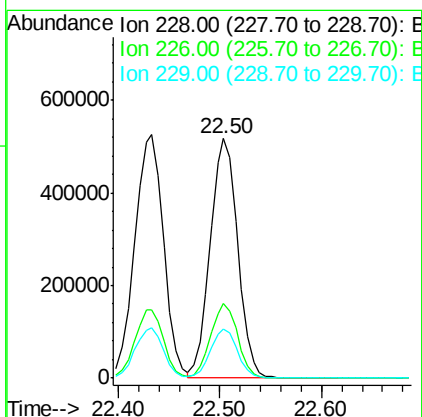
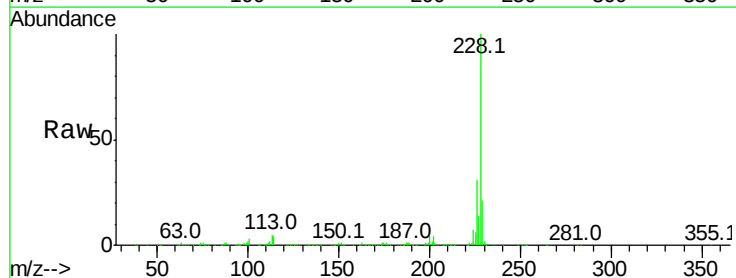
Instrument :
 BNA_G
 ClientSampleId :

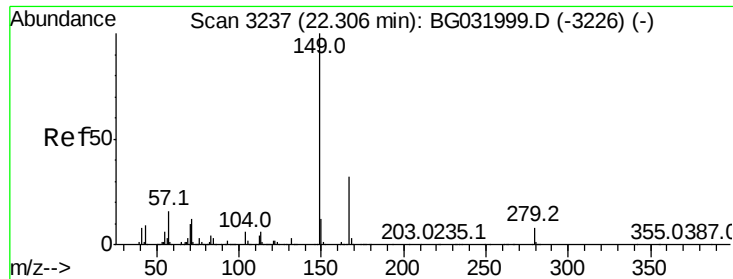
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.3	50.8	76.2
126	5.8	7.4	11.2#



#82
 Chrysene
 Concen: 39.871 ng
 RT: 22.50 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: BG032160.D
 Acq: 19 Jan 2018 20:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	20.6	15.0	22.4

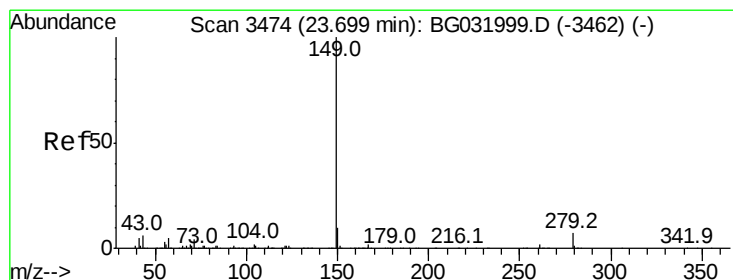
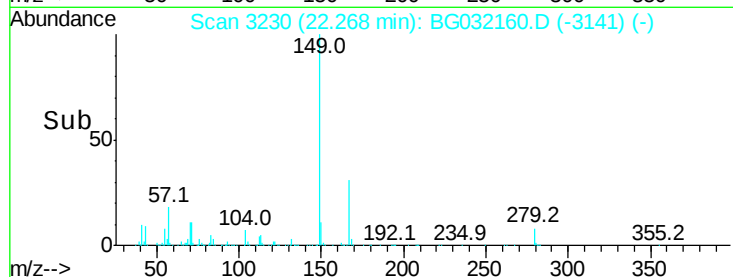
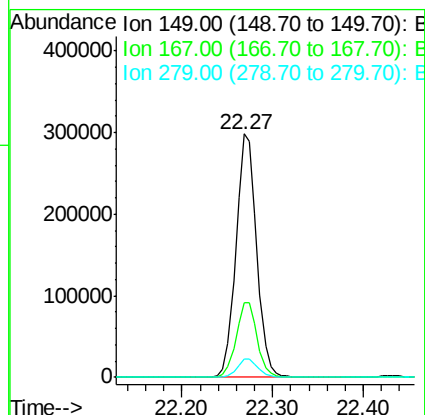
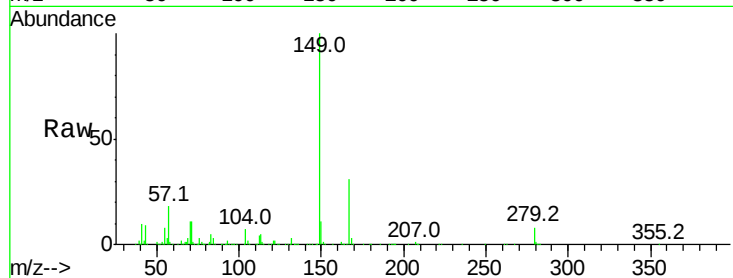




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.248 ng
 RT: 22.27 min Scan# 3230
 Delta R.T. -0.00 min
 Lab File: BG032160.D
 Acq: 19 Jan 2018 20:22

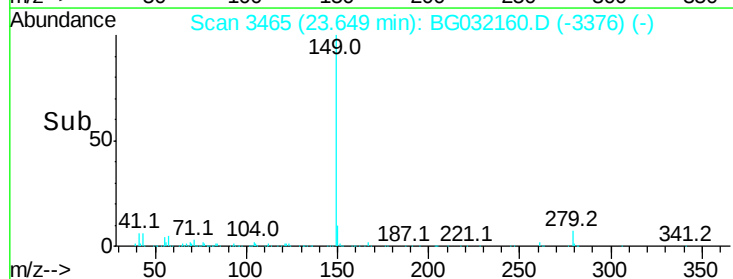
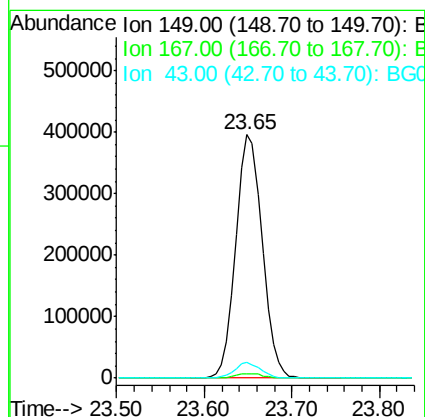
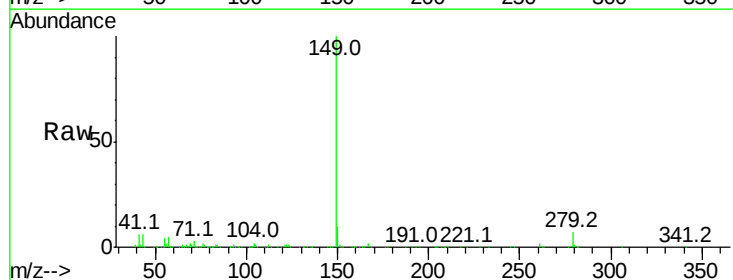
Instrument :
 BNA_G
 ClientSampleId :

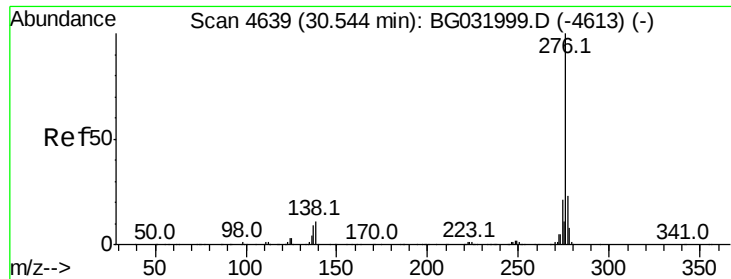
Tot Ion	Ratio	Lower	Upper
149	100		
167	30.6	24.3	36.5
279	7.7	4.0	6.0



#84
 Di-n-octyl phthalate
 Concen: 37.908 ng
 RT: 23.65 min Scan# 3465
 Delta R.T. -0.00 min
 Lab File: BG032160.D
 Acq: 19 Jan 2018 20:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	6.2	8.9	13.3



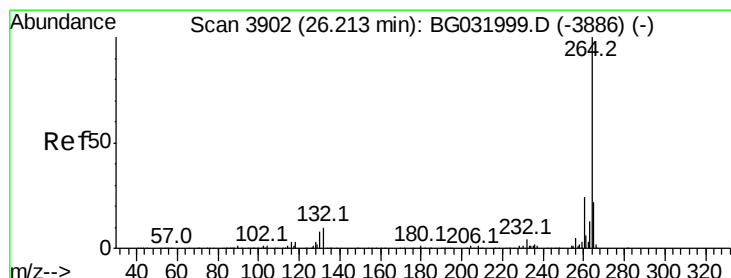
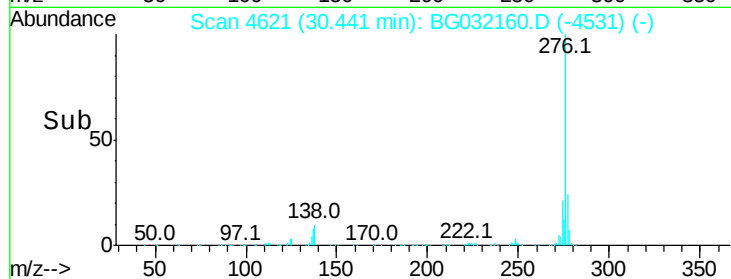
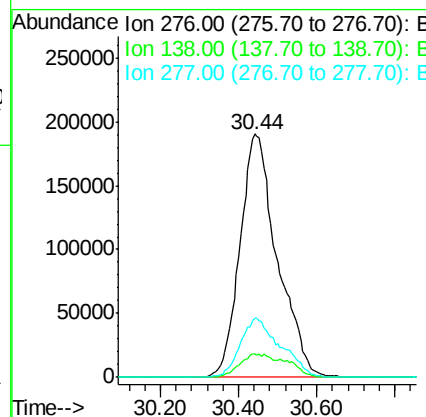
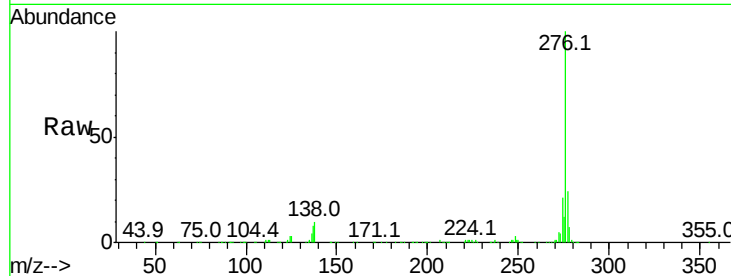


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.541 ng
 RT: 30.44 min Scan# 4621
 Delta R.T. 0.00 min
 Lab File: BG032160.D
 Acq: 19 Jan 2018 20:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1264804

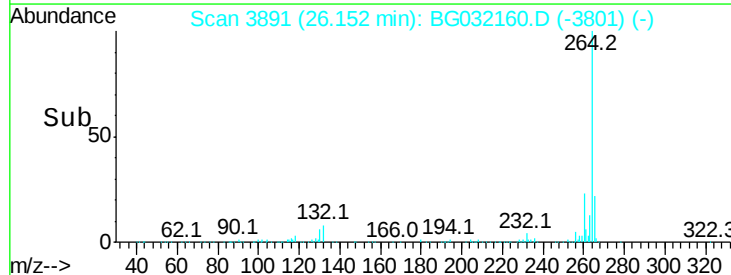
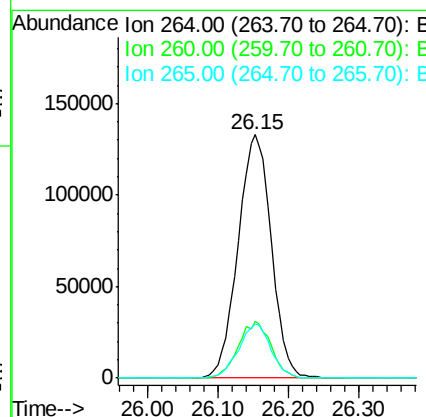
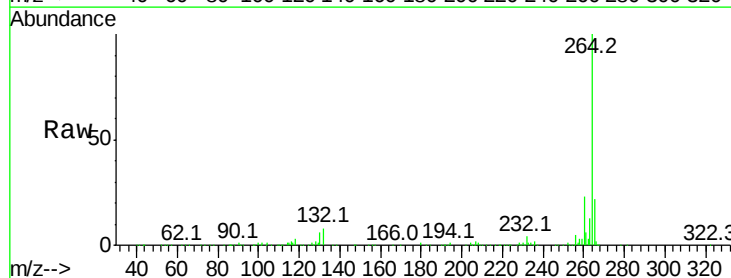
Ion	Ratio	Lower	Upper
276	100		
138	0.0	16.0	24.0#
277	26.2	20.0	30.0

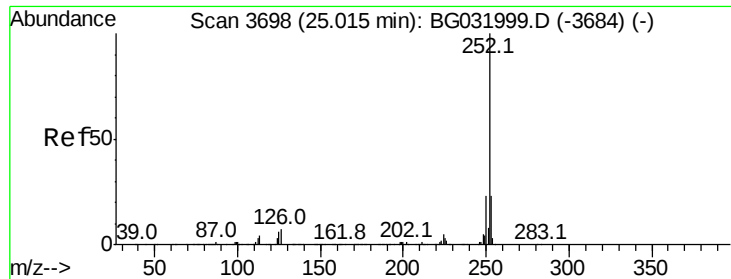


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.15 min Scan# 3891
 Delta R.T. 0.00 min
 Lab File: BG032160.D
 Acq: 19 Jan 2018 20:22

Tgt Ion:264 Resp: 435539

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	22.4	17.7	26.5

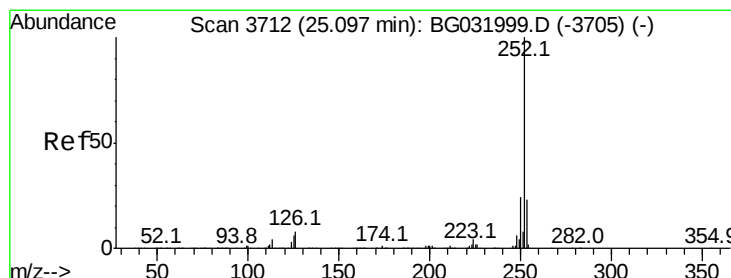
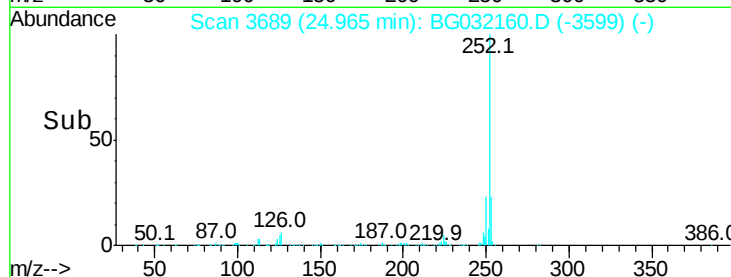
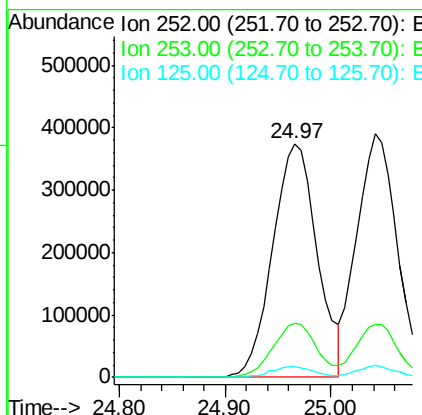
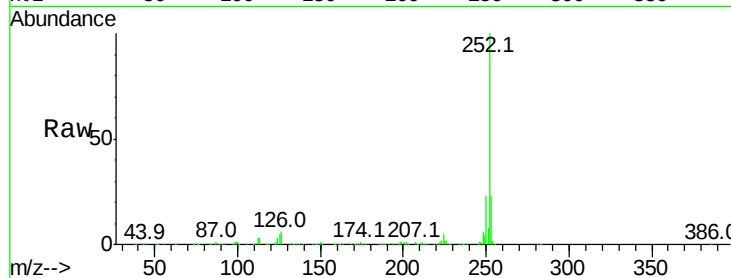




#87
Benzo(b)fluoranthene
Concen: 41.582 ng
RT: 24.97 min Scan# 3689
Delta R.T. 0.00 min
Lab File: BG032160.D
Acq: 19 Jan 2018 20:22

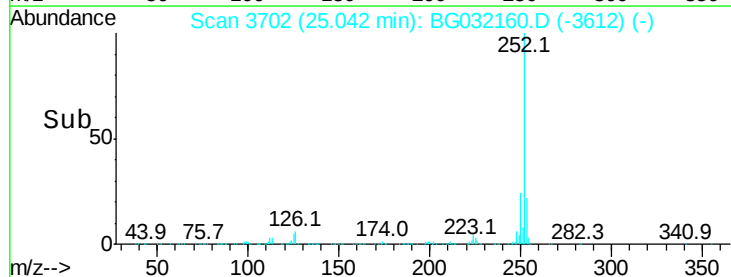
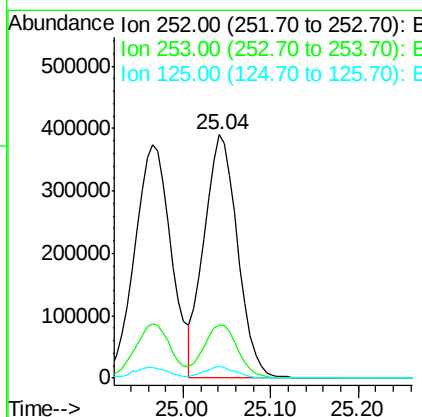
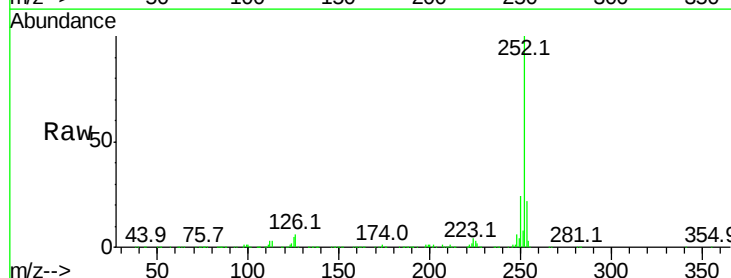
Instrument :
BNA_G
ClientSampleId :

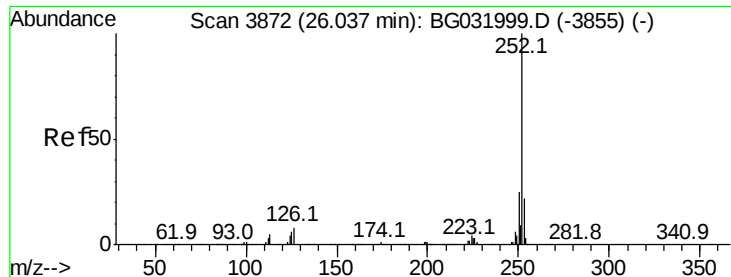
Tot Ion:252 Resp: 1094680
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.4
125 4.8 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 40.169 ng
RT: 25.04 min Scan# 3702
Delta R.T. 0.00 min
Lab File: BG032160.D
Acq: 19 Jan 2018 20:22

Tgt Ion:252 Resp: 1033345
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 4.7 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 42.146 ng

RT: 25.98 min Scan# 3862

Delta R.T. 0.01 min

Lab File: BG032160.D

Acq: 19 Jan 2018 20:22

Instrument :

BNA_G

ClientSampled :

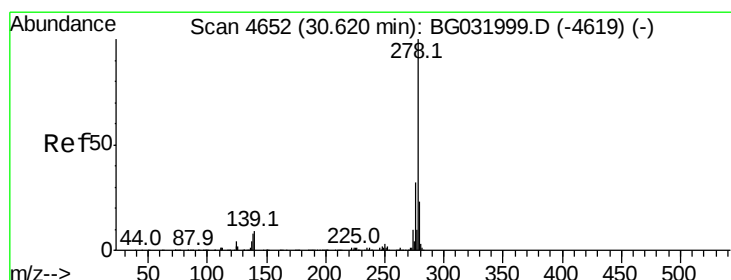
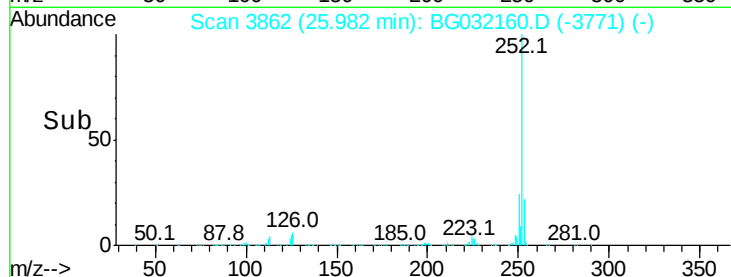
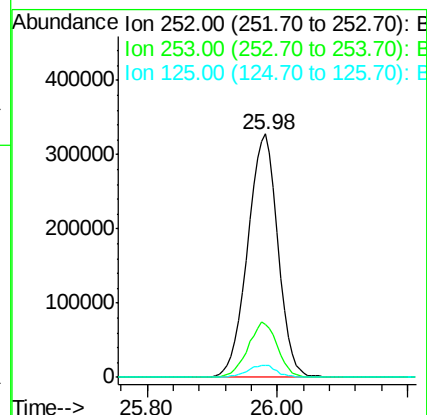
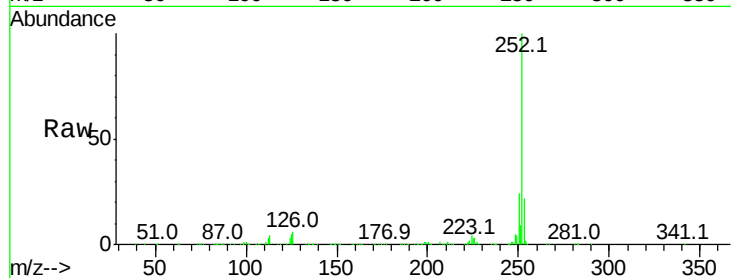
Tot Ion:252 Resp: 1049585

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.3	27.5
125	4.7	7.3	10.9

252 100

253 21.8 18.3 27.5

125 4.7 7.3 10.9



#90

Dibenzo(a,h)anthracene

Concen: 43.819 ng

RT: 30.52 min Scan# 4635

Delta R.T. 0.01 min

Lab File: BG032160.D

Acq: 19 Jan 2018 20:22

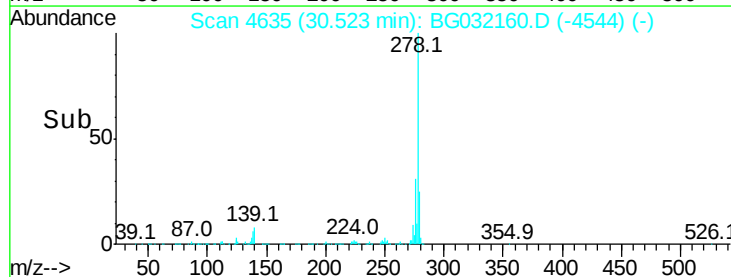
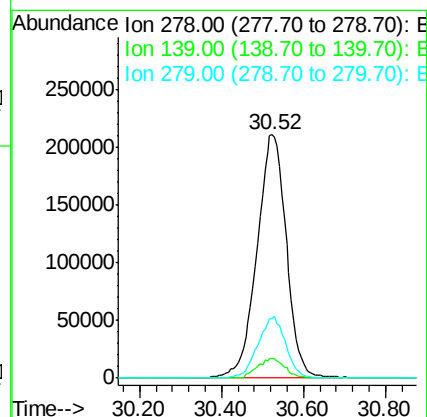
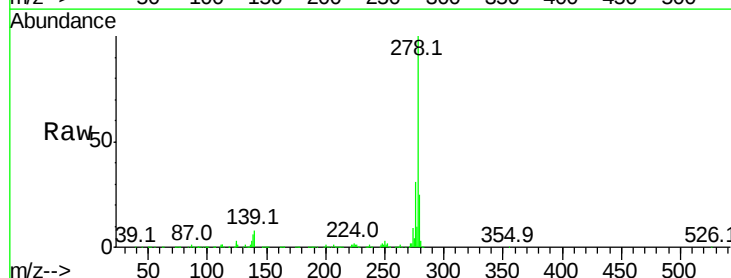
Tgt Ion:278 Resp: 1051558

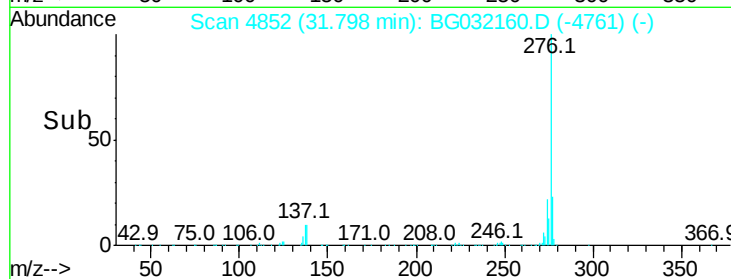
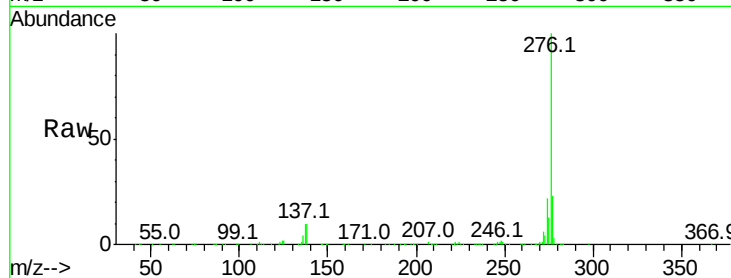
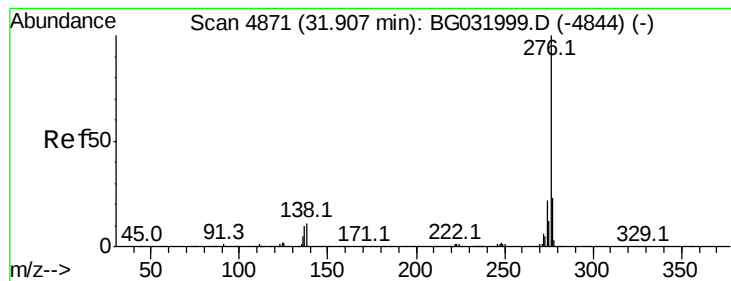
Ion	Ratio	Lower	Upper
278	100		
139	8.2	9.8	14.6
279	24.6	18.4	27.6

278 100

139 8.2 9.8 14.6

279 24.6 18.4 27.6





#91

Benzo(a,h,i)perylene

Concen: 43.141 ng

RT: 31.80 min Scan# 4852

Delta R.T. 0.01 min

Lab File: BG032160.D

Acq: 19 Jan 2018 20:22

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 1058171

Ion	Ratio	Lower	Upper
276	100		
277	22.6	18.3	27.5
138	10.4	13.9	20.9

276 100

277 22.6 18.3 27.5

138 10.4 13.9 20.9

