

Data Path : U:\HPCHEM1\BNA G\DATA\BG012418\
 Data File : BG032279.D
 Acq On : 25 Jan 2018 3:17
 Operator : SJ/JU
 Sample : J1015-13MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 25 07:34:08 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 24 14:02:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	47228	20.00	ng	0.00
21) Naphthalene-d8	11.61	136	181241	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	122634	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	317543	20.00	ng	0.00
75) Chrysene-d12	22.43	240	403248	20.00	ng	0.00
86) Perylene-d12	26.11	264	433714	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.16	112	342500	132.64	ng	0.00
7) Phenol-d6	7.84	99	392915	120.81	ng	0.00
23) Nitrobenzene-d5	9.93	82	281164	104.95	ng	0.00
41) 2,4,6-Tribromophenol	16.84	330	298935	147.31	ng	0.00
44) 2-Fluorobiphenyl	13.99	172	922739	93.30	ng	0.00
78) Terphenyl-d14	20.63	244	1738713	95.21	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.83	88	34039	34.312	ng	# 75
3) Pyridine	4.29	79	71789	27.110	ng	# 82
4) n-Nitrosodimethylamine	4.18	42	55352	59.499	ng	# 74
6) Aniline	8.02	93	36833	8.979	ng	95
8) 2-Chlorophenol	8.28	128	132440	45.834	ng	83
9) Benzaldehyde	7.82	77	67984	36.079	ng	89
10) Phenol	7.87	94	128575	40.134	ng	94
11) bis(2-Chloroethyl)ether	8.11	93	102647	39.993	ng	84
12) 1,3-Dichlorobenzene	8.61	146	163638	43.270	ng	97
13) 1,4-Dichlorobenzene	8.76	146	163510	42.941	ng	95
14) 1,2-Dichlorobenzene	9.10	146	156339	42.450	ng	94
15) Benzyl Alcohol	8.96	79	116023	49.108	ng	92
16) 2,2'-oxybis(1-Chloropropan	9.26	45	101757	39.011	ng	74
17) 2-Methylphenol	9.16	107	99876	40.793	ng	# 91
18) Hexachloroethane	9.85	117	55419	47.356	ng	# 81
19) n-Nitroso-di-n-propylamine	9.54	70	87048	43.139	ng	# 89
20) 3+4-Methylphenols	9.50	107	137704	40.600	ng	94
22) Acetophenone	9.57	105	189098	45.932	ng	# 91
24) Nitrobenzene	9.97	77	134261	50.244	ng	89
25) Isophorone	10.49	82	237966	47.705	ng	# 85
26) 2-Nitrophenol	10.70	139	80837	51.054	ng	# 83
27) 2,4-Dimethylphenol	10.73	122	125631	50.000	ng	95
28) bis(2-Chloroethoxy)methane	10.97	93	141412	47.052	ng	# 92
29) 2,4-Dichlorophenol	11.24	162	159543	51.604	ng	89
30) 1,2,4-Trichlorobenzene	11.46	180	189062	47.350	ng	95
31) Naphthalene	11.66	128	404767	45.083	ng	98
32) Benzoic acid	10.80	122	5881	7.854	ng	# 66
33) 4-Chloroaniline	11.75	127	24388	6.334	ng	96
34) Hexachlorobutadiene	11.92	225	144572	50.411	ng	95
35) Caprolactam	12.50	113	36825	39.261	ng	# 47
36) 4-Chloro-3-methylphenol	12.83	107	140203	49.544	ng	# 83
37) 2-Methylnaphthalene	13.22	142	327989	46.014	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.57	216	255681	47.830	ng	# 97
40) Hexachlorocyclopentadiene	13.55	237	327051	108.625	ng	91

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.80	196	151989	50.602	nq	97
43) 2,4,5-Trichlorophenol	13.88	196	164423	47.294	nq #	90
45) 1,1'-Biphenyl	14.20	154	462810	44.022	nq	94
46) 2-Chloronaphthalene	14.25	162	357426	43.703	nq	97
47) 2-Nitroaniline	14.44	65	83299	53.203	nq #	77
48) Acenaphthylene	15.09	152	535467	42.995	nq	98
49) Dimethylphthalate	14.79	163	481069	44.828	nq #	99
50) 2,6-Dinitrotoluene	14.92	165	107505	48.263	nq #	75
51) Acenaphthene	15.43	154	364160	44.220	nq	99
52) 3-Nitroaniline	15.25	138	26657	13.250	nq #	76
53) 2,4-Dinitrophenol	15.45	184	47091	45.439	nq #	85
54) Dibenzofuran	15.75	168	572367	46.591	nq	99
55) 4-Nitrophenol	15.54	139	140022	95.503	nq #	79
56) 2,4-Dinitrotoluene	15.70	165	152210	50.755	nq #	69
57) Fluorene	16.40	166	455927	45.251	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.97	232	171983	53.474	nq #	85
59) Diethylphthalate	16.14	149	463400	44.542	nq	94
60) 4-Chlorophenyl-phenylether	16.38	204	292437	47.315	nq	93
61) 4-Nitroaniline	16.41	138	71949	37.282	nq	85
62) Azobenzene	16.67	77	301665	46.326	nq	85
64) 4,6-Dinitro-2-methylphenol	16.45	198	52309	28.002	nq #	72
65) n-Nitrosodiphenylamine	16.59	169	426248	44.237	nq	98
66) 4-Bromophenyl-phenylether	17.27	248	211724	46.862	nq	95
67) Hexachlorobenzene	17.40	284	215250	43.063	nq #	89
68) Atrazine	17.52	200	200031	49.363	nq	97
69) Pentachlorophenol	17.73	266	241953	75.729	nq	98
70) Phenanthrene	18.14	178	786605	44.492	nq	99
71) Anthracene	18.23	178	806473	45.736	nq	98
72) Carbazole	18.49	167	696217	45.514	nq	99
73) Di-n-butylphthalate	19.00	149	788858	43.643	nq	99
74) Fluoranthene	20.10	202	1053439	47.590	nq	94
76) Benzidine	20.26	184	75788	7.516	nq	98
77) Pyrene	20.46	202	1068235	42.140	nq	99
79) Butylbenzylphthalate	21.32	149	367411	40.453	nq #	76
80) Benzo(a)anthracene	22.41	228	1133400	45.195	nq	99
81) 3,3'-Dichlorobenzidine	22.29	252	97253	10.381	nq #	97
82) Chrysene	22.48	228	1064469	44.198	nq	98
83) Bis(2-ethylhexyl)phthalate	22.25	149	514942	38.663	nq #	97
84) Di-n-octyl phthalate	23.62	149	889593	42.055	nq #	89
85) Indeno(1,2,3-cd)pyrene	30.39	276	1426029	48.382	nq #	87
87) Benzo(b)fluoranthene	24.93	252	1229140	46.886	nq #	96
88) Benzo(k)fluoranthene	25.01	252	1148922	44.850	nq #	94
89) Benzo(a)pyrene	25.94	252	1170123	47.184	nq #	96
90) Dibenzo(a,h)anthracene	30.47	278	1189623	49.780	nq #	95
91) Benzo(g,h,i)perylene	31.73	276	1186887	48.593	nq #	92

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

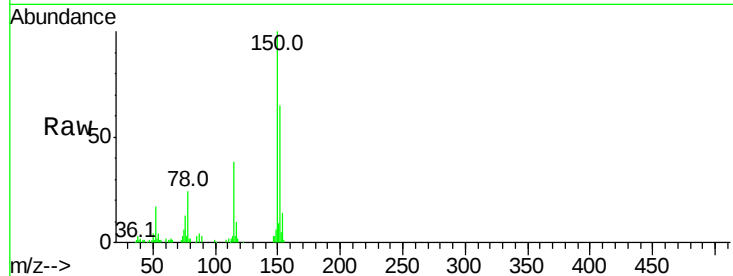


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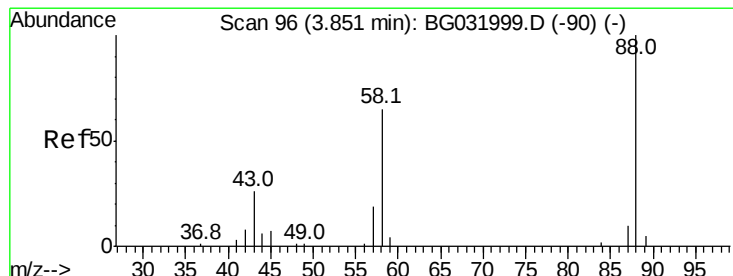
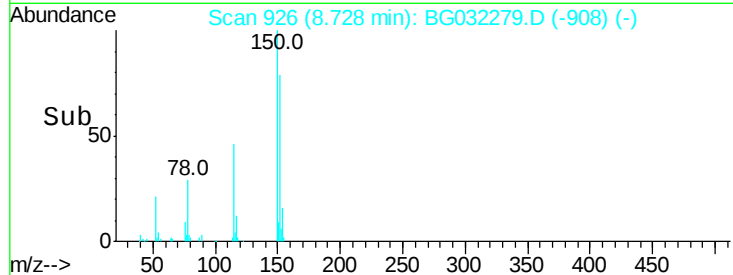
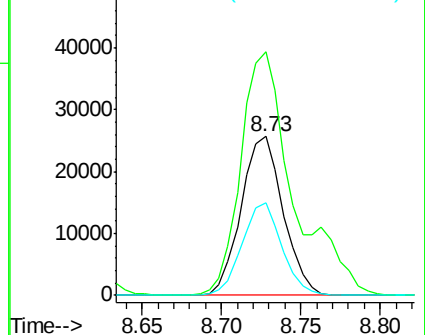
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.73 min Scan# 926
Delta R.T. 0.00 min
Lab File: BG032279.D
Acq: 25 Jan 2018 3:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 47228
Ion Ratio Lower Upper
152 100
150 153.5 126.6 189.8
115 58.7 53.0 79.4



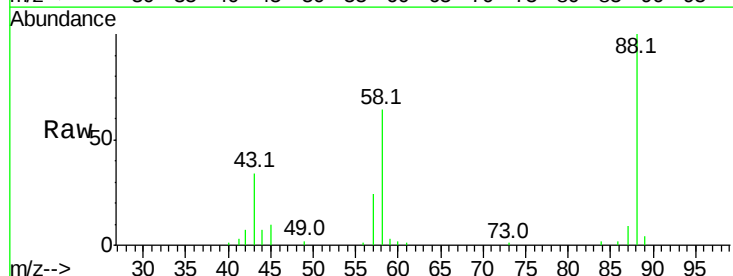
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



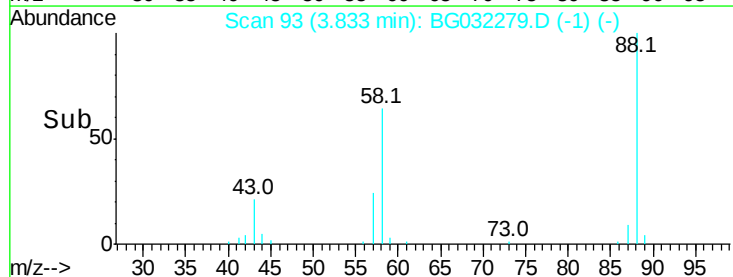
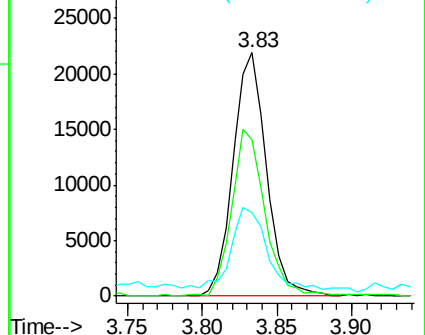
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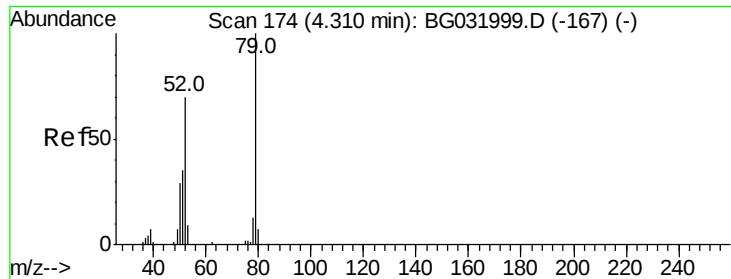
1,4-Dioxane
Concen: 34.312 ng
RT: 3.83 min Scan# 93
Delta R.T. 0.01 min
Lab File: BG032279.D
Acq: 25 Jan 2018 3:17

Tgt Ion: 88 Resp: 34039
Ion Ratio Lower Upper
88 100
58 69.3 79.6 119.4#
43 39.8 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: 27.110 ng

RT: 4.29 min Scan# 170

Delta R.T. 0.02 min

Lab File: BG032279.D

Acq: 25 Jan 2018 3:17

Instrument :

BNA_G

ClientSampleId :

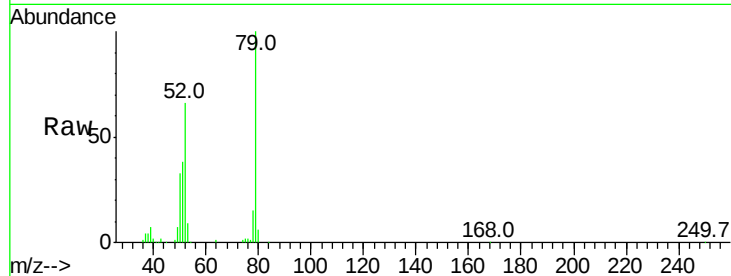
Tot Ion: 79 Resp: 71789

Ion Ratio Lower Upper

79 100

52 66.1 69.9 104.9#

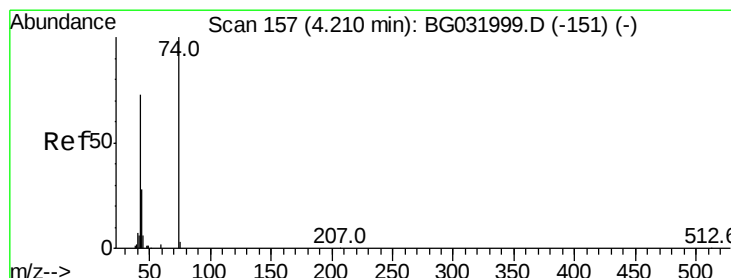
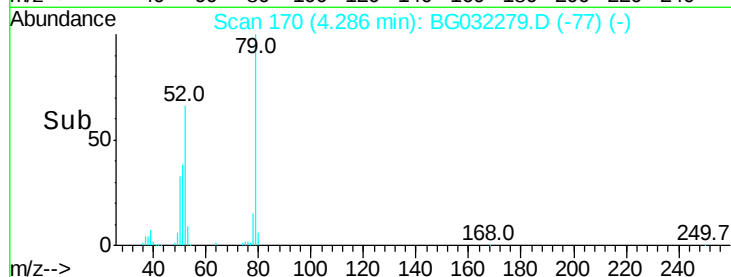
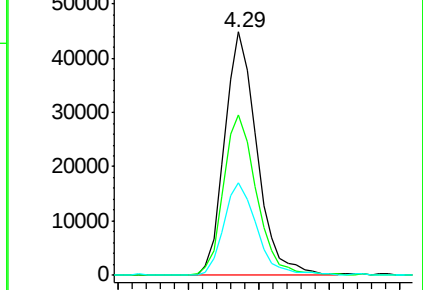
51 38.1 34.0 51.0



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: 59.499 ng

RT: 4.18 min Scan# 152

Delta R.T. -0.00 min

Lab File: BG032279.D

Acq: 25 Jan 2018 3:17

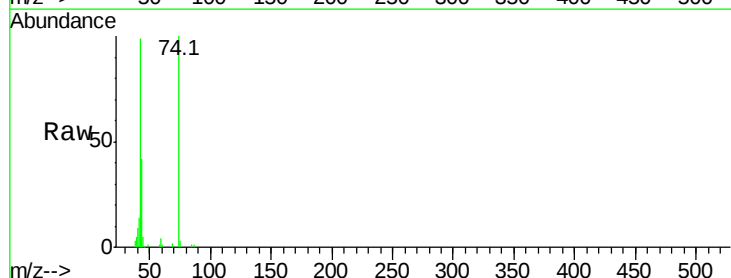
Tgt Ion: 42 Resp: 55352

Ion Ratio Lower Upper

42 100

74 101.0 102.5 153.7#

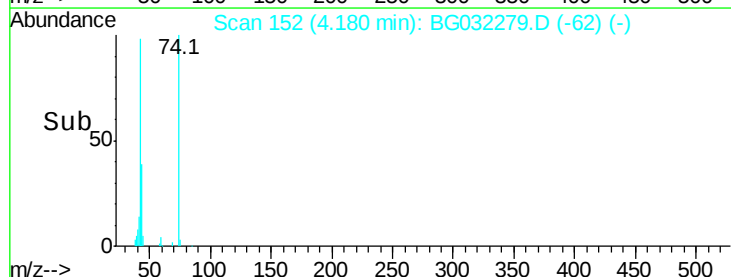
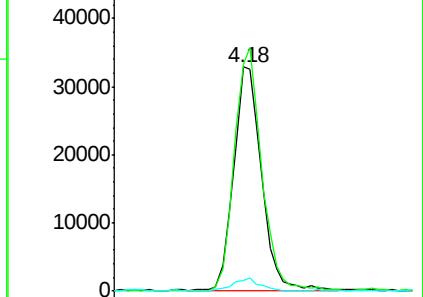
44 5.0 18.9 28.3#

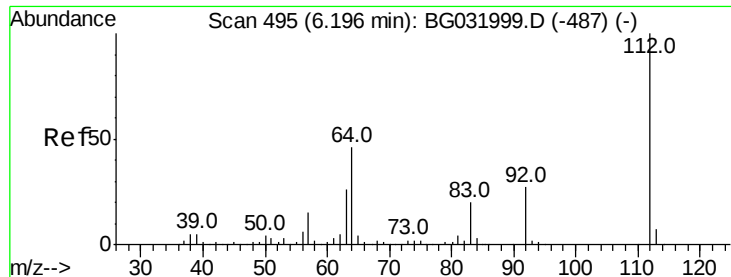


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 132.635 ng

RT: 6.16 min Scan# 489

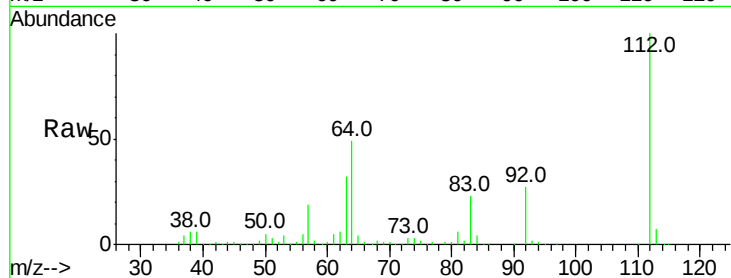
Delta R.T. 0.00 min

Lab File: BG032279.D

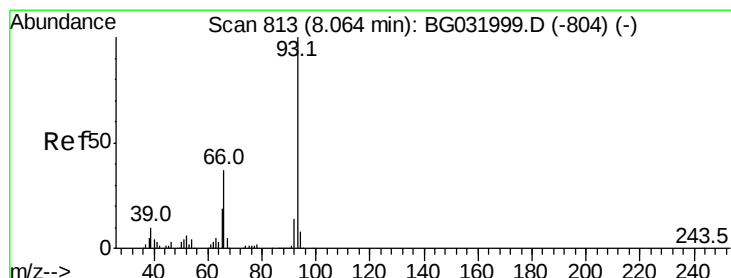
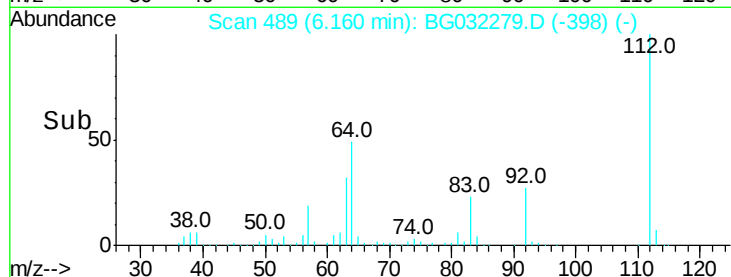
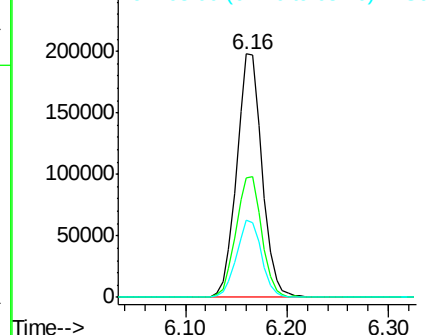
Acq: 25 Jan 2018 3:17

Instrument :
BNA_G
ClientSampled :

Tot Ion:	112	Resp:	342500
Ion Ratio	Lower	Upper	
112	100		
64	49.3	56.3	84.5#
63	31.6	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 8.979 ng

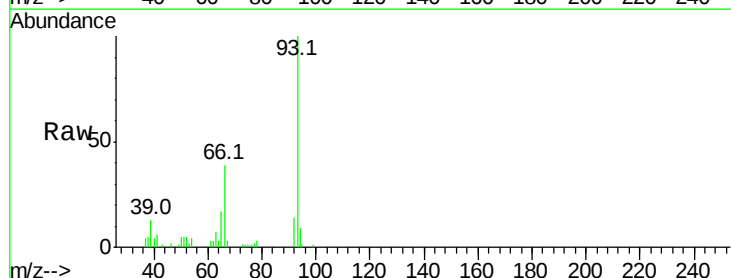
RT: 8.02 min Scan# 806

Delta R.T. 0.00 min

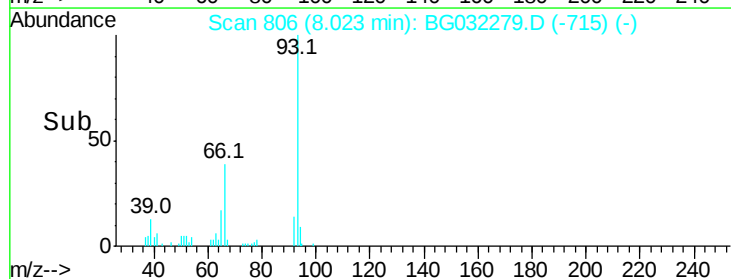
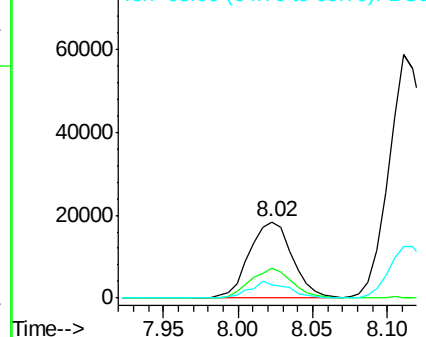
Lab File: BG032279.D

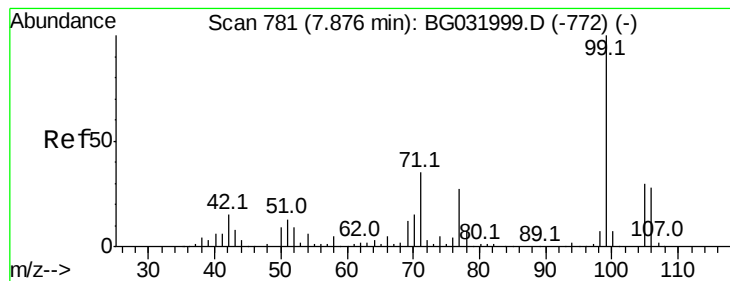
Acq: 25 Jan 2018 3:17

Tgt Ion:	93	Resp:	36833
Ion Ratio	Lower	Upper	
93	100		
66	39.2	33.7	50.5
65	17.0	16.1	24.1



Abundance Ion 93.00 (92.70 to 93.70): BGC





#7

Phenol-d6

Concen: 120.815 ng

RT: 7.84 min Scan# 775

Delta R.T. 0.00 min

Lab File: BG032279.D

Acq: 25 Jan 2018 3:17

Instrument :

BNA_G

ClientSampleId :

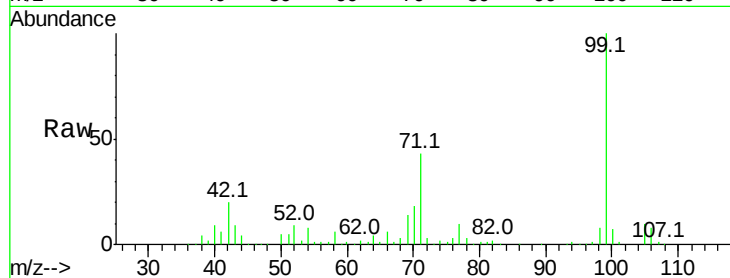
Tot Ion: 99 Resp: 392915

Ion Ratio Lower Upper

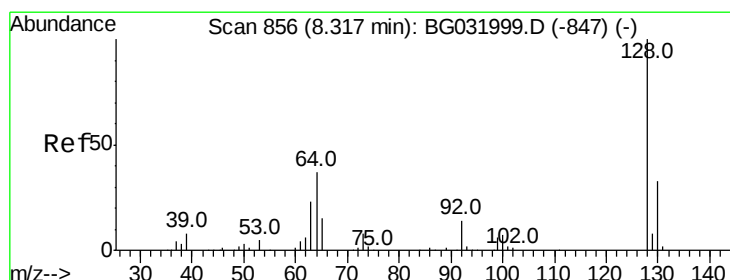
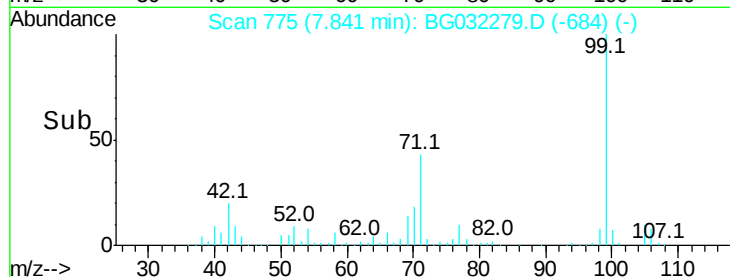
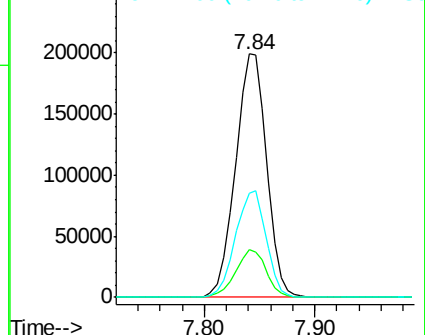
99 100

42 19.9 14.1 21.1

71 42.9 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: 45.834 ng

RT: 8.28 min Scan# 849

Delta R.T. 0.00 min

Lab File: BG032279.D

Acq: 25 Jan 2018 3:17

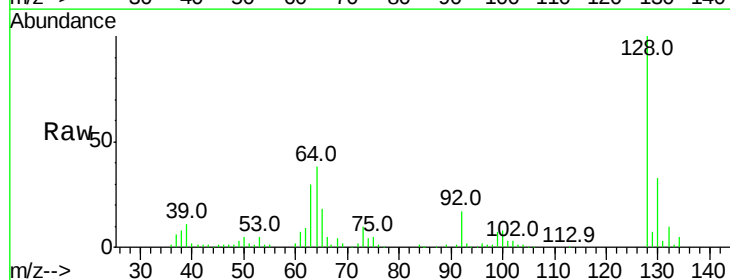
Tgt Ion:128 Resp: 132440

Ion Ratio Lower Upper

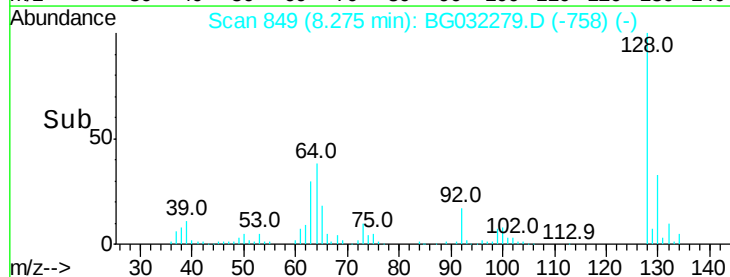
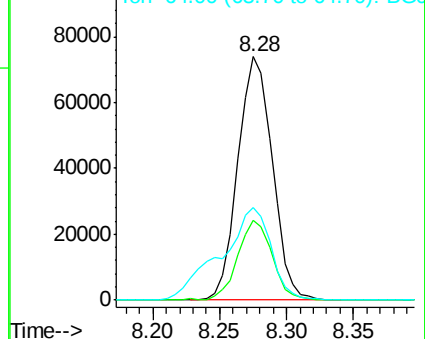
128 100

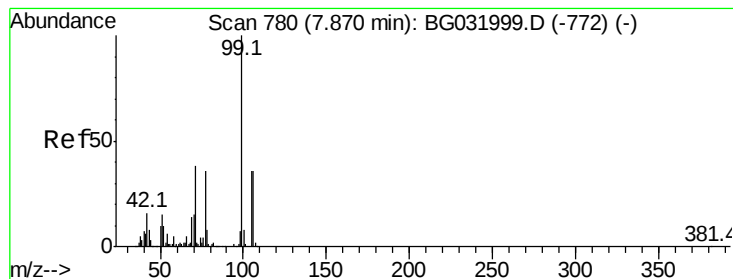
130 32.8 14.0 54.0

64 38.2 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: 36.079 ng

RT: 7.82 min Scan# 772

Delta R.T. -0.00 min

Lab File: BG032279.D

Acq: 25 Jan 2018 3:17

Instrument :

BNA_G

ClientSampled :

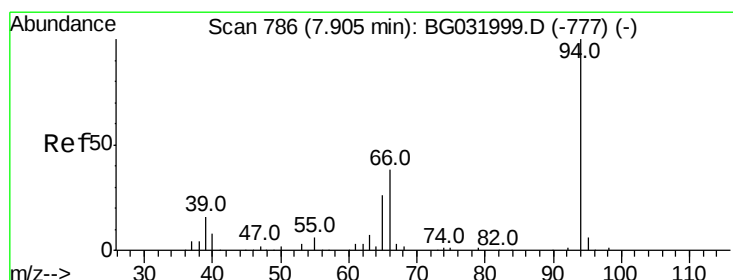
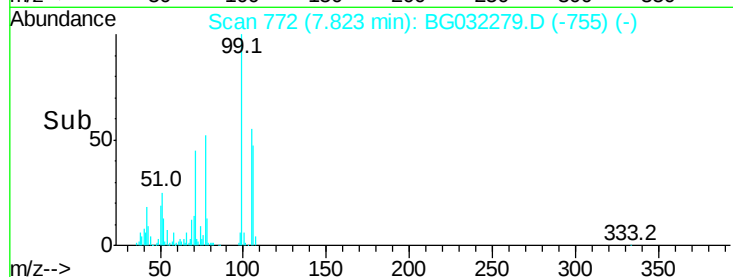
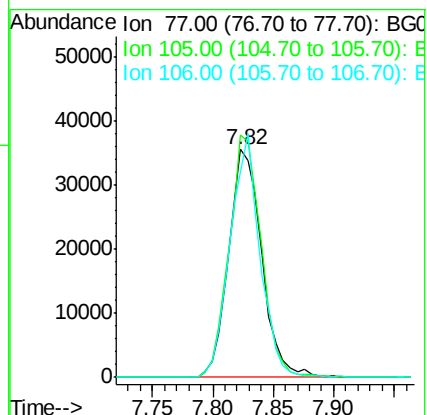
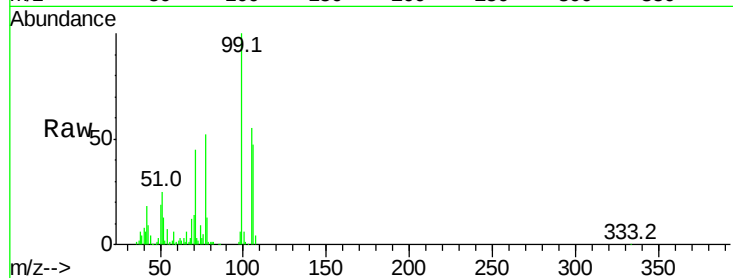
Tot Ion: 77 Resp: 67984

Ion Ratio Lower Upper

77 100

105 106.0 71.3 111.3

106 90.2 64.2 104.2



#10

Phenol

Concen: 40.134 ng

RT: 7.87 min Scan# 780

Delta R.T. 0.00 min

Lab File: BG032279.D

Acq: 25 Jan 2018 3:17

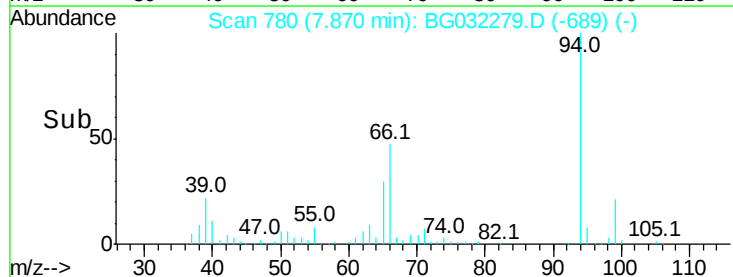
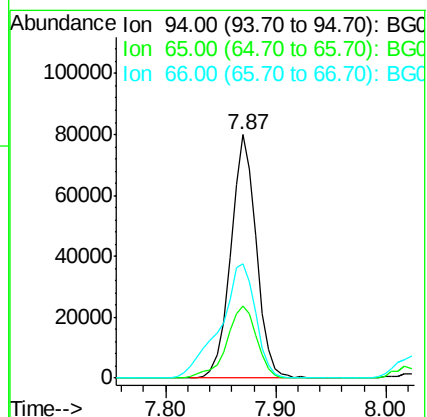
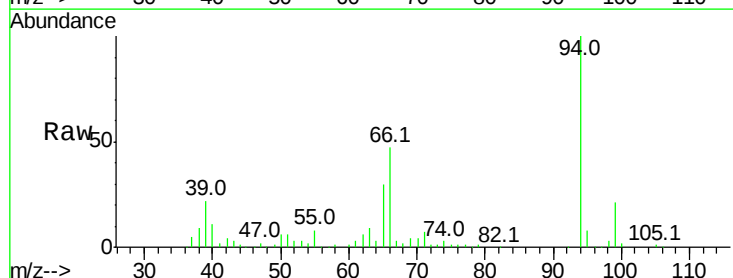
Tgt Ion: 94 Resp: 128575

Ion Ratio Lower Upper

94 100

65 29.7 11.9 51.9

66 46.9 22.2 62.2





#11

bis(2-Chloroethyl)ether

Concen: 39.993 ng

RT: 8.11 min Scan# 821

Delta R.T. -0.00 min

Lab File: BG032279.D

Acq: 25 Jan 2018 3:17

Instrument :

BNA_G

ClientSampleId :

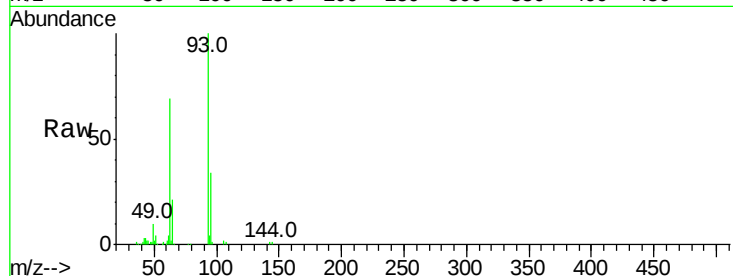
Tot Ion: 93 Resp: 102647

Ion Ratio Lower Upper

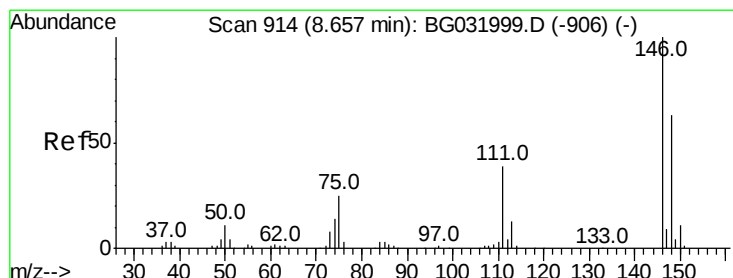
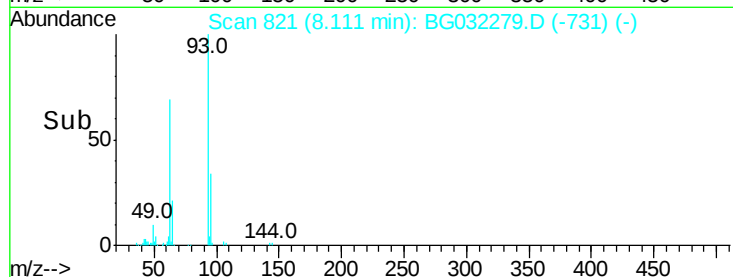
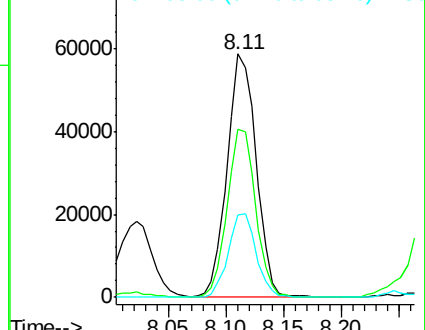
93 100

63 68.9 67.1 107.1

95 34.1 11.5 51.5



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



#12

1,3-Dichlorobenzene

Concen: 43.270 ng

RT: 8.61 min Scan# 906

Delta R.T. -0.00 min

Lab File: BG032279.D

Acq: 25 Jan 2018 3:17

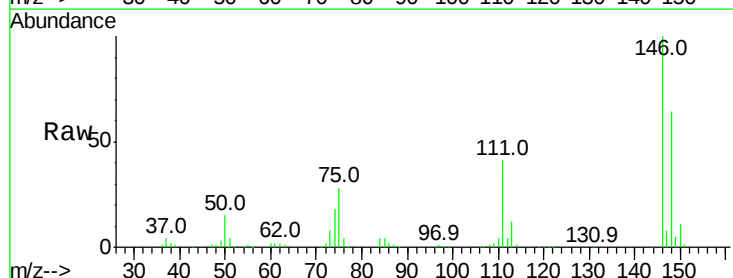
Tgt Ion: 146 Resp: 163638

Ion Ratio Lower Upper

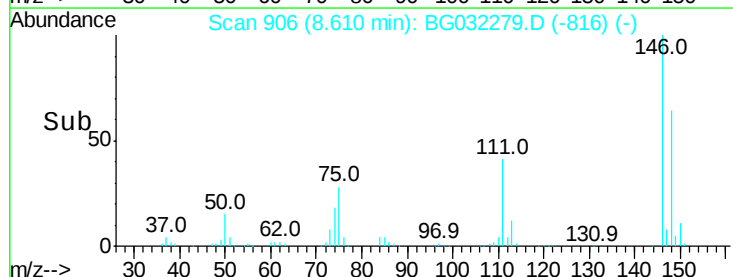
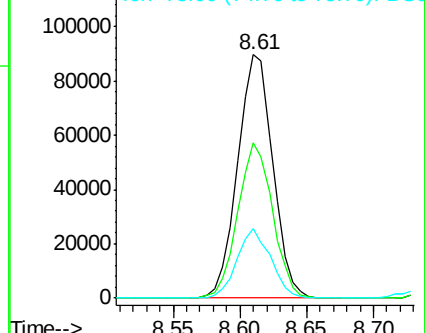
146 100

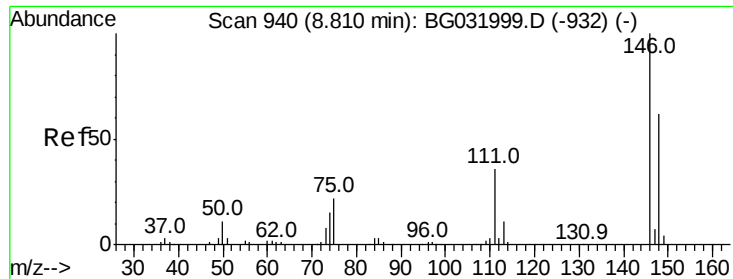
148 64.0 51.4 77.2

75 28.5 26.6 39.8



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 42.941 ng

RT: 8.76 min Scan# 932

Delta R.T. -0.00 min

Lab File: BG032279.D

Acq: 25 Jan 2018 3:17

Instrument :

BNA_G

ClientSampleId :

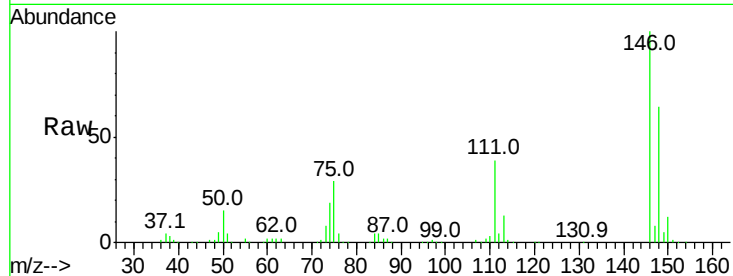
Tot Ion:146 Resp: 163510

Ion Ratio Lower Upper

146 100

148 64.2 53.7 80.5

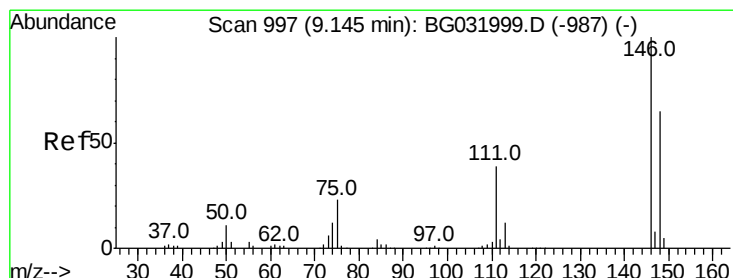
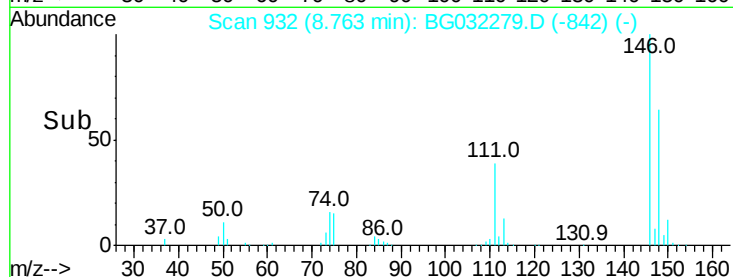
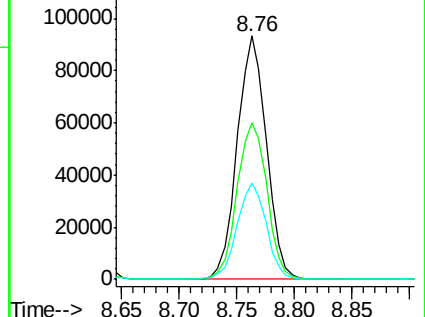
111 39.4 35.2 52.8



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: 42.450 ng

RT: 9.10 min Scan# 989

Delta R.T. 0.00 min

Lab File: BG032279.D

Acq: 25 Jan 2018 3:17

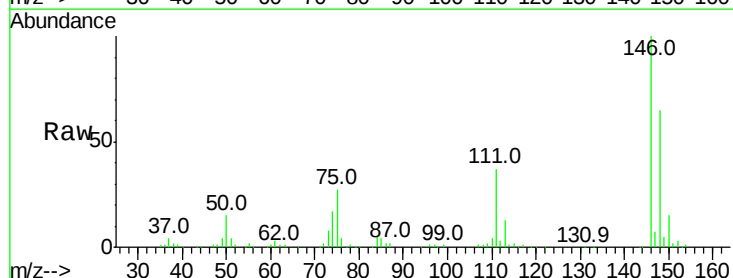
Tgt Ion:146 Resp: 156339

Ion Ratio Lower Upper

146 100

148 64.9 49.3 73.9

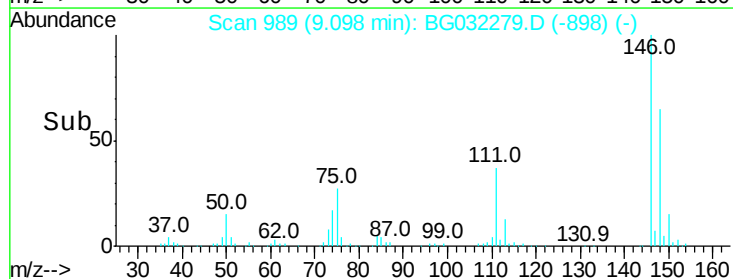
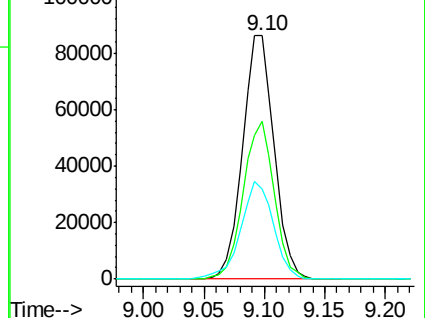
111 37.1 34.3 51.5

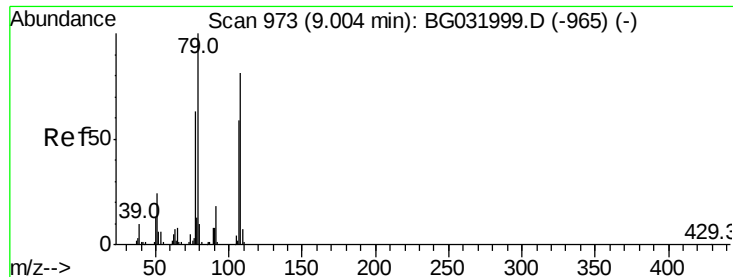


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 49.108 ng

RT: 8.96 min Scan# 966

Delta R.T. -0.00 min

Lab File: BG032279.D

Acq: 25 Jan 2018 3:17

Instrument :

BNA_G

ClientSampleId :

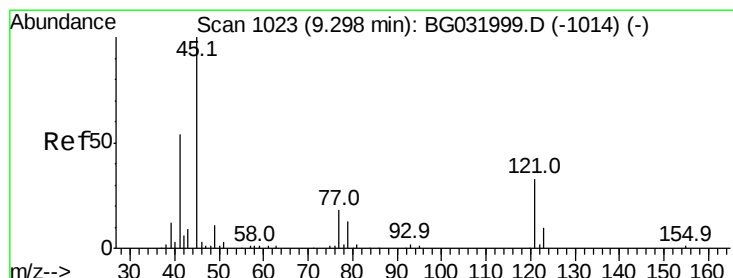
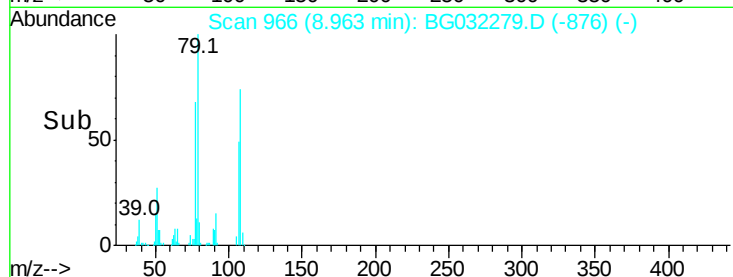
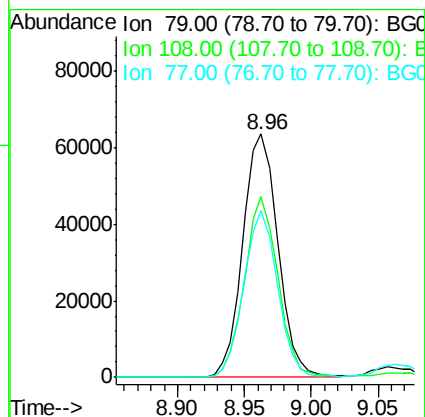
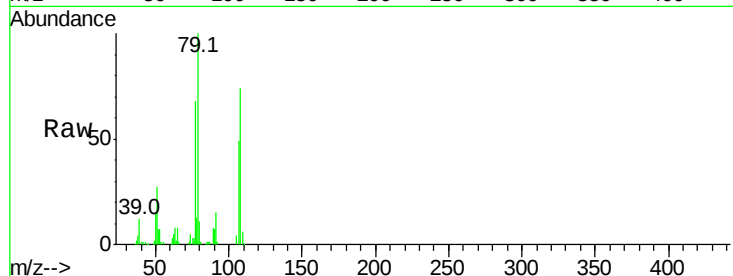
Tot Ion: 79 Resp: 116023

Ion Ratio Lower Upper

79 100

108 74.1 57.2 85.8

77 68.3 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.011 ng

RT: 9.26 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BG032279.D

Acq: 25 Jan 2018 3:17

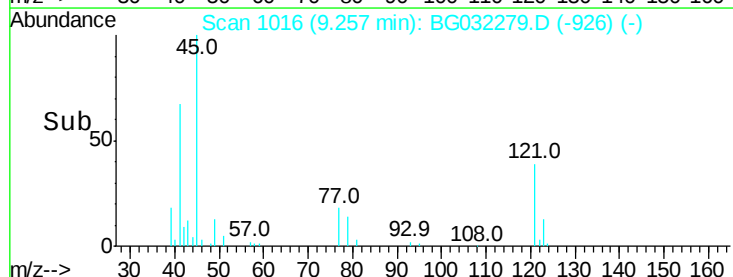
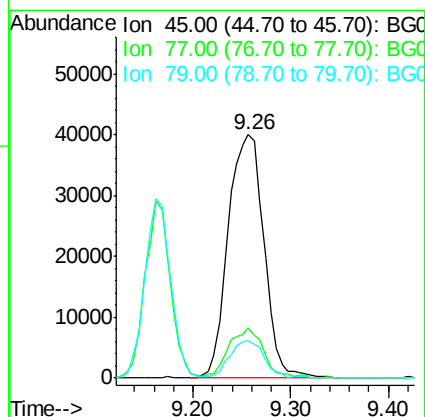
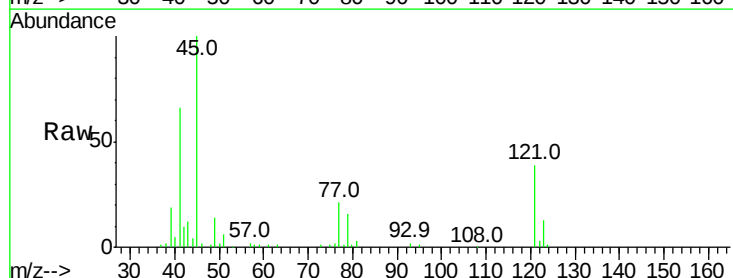
Tgt Ion: 45 Resp: 101757

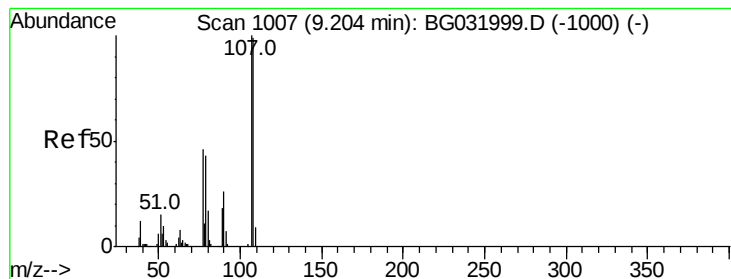
Ion Ratio Lower Upper

45 100

77 20.8 0.0 30.2

79 15.7 0.0 27.9

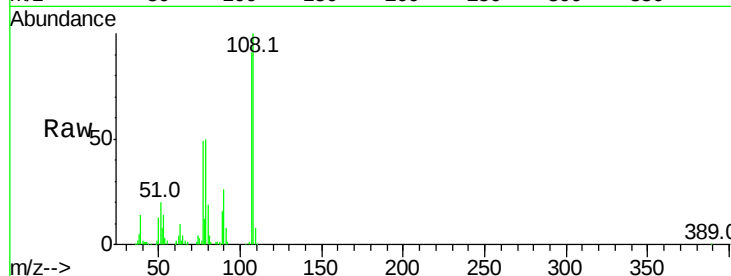




#17
2-Methylphenol
Concen: 40.793 ng
RT: 9.16 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BG032279.D
Acq: 25 Jan 2018 3:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.1	83.9	125.9
77	54.0	37.2	55.8
79	54.8	36.2	54.2#



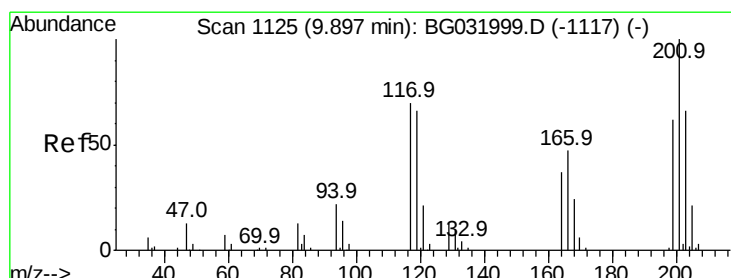
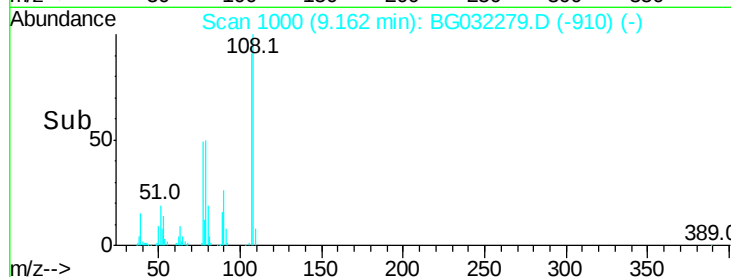
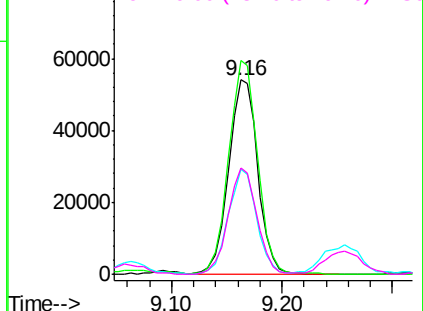
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

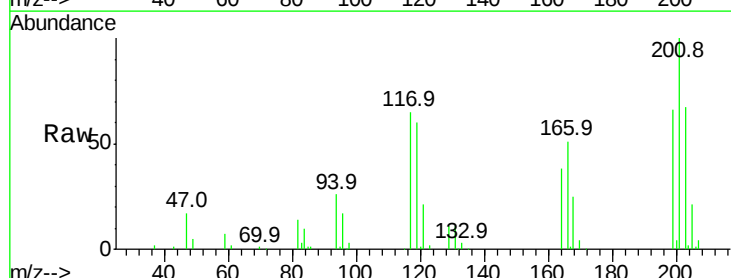
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 47.356 ng
RT: 9.85 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BG032279.D
Acq: 25 Jan 2018 3:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.8	76.7	115.1
201	153.7	95.7	143.5#

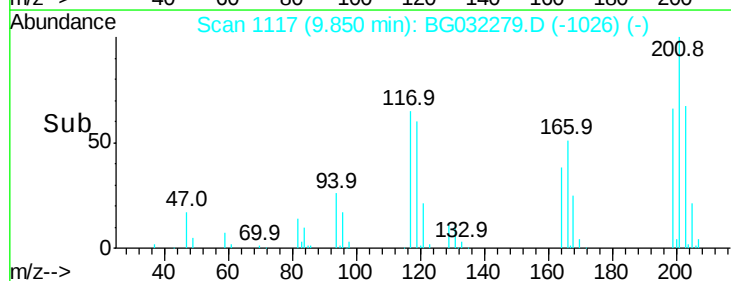
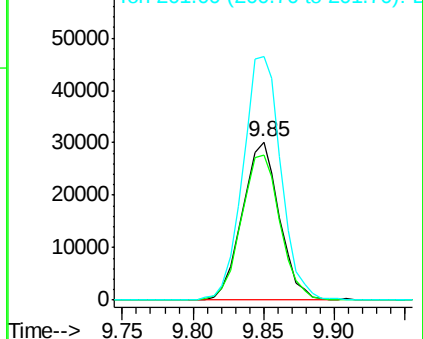


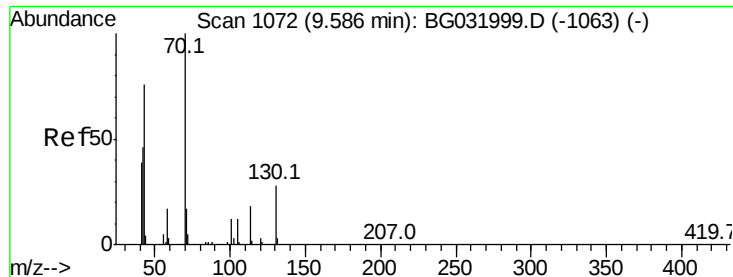
Abundance

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: 43.139 ng

RT: 9.54 min Scan# 1064

Delta R.T. -0.00 min

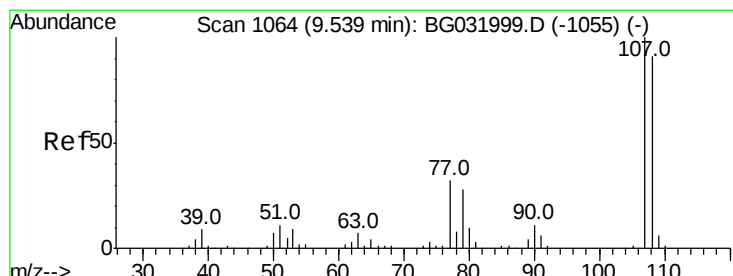
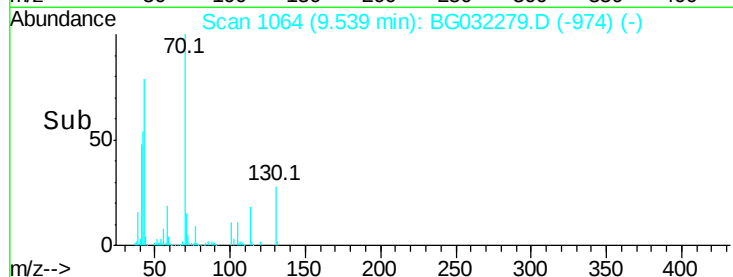
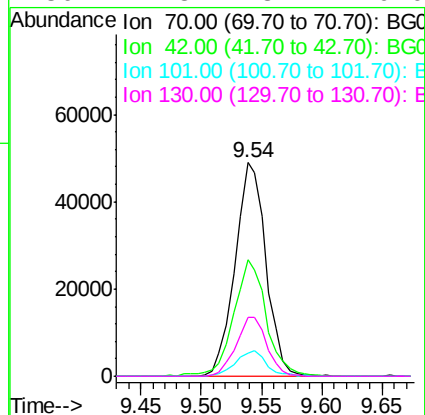
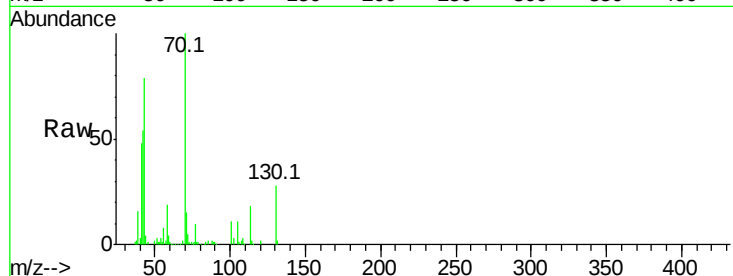
Lab File: BG032279.D

Acq: 25 Jan 2018 3:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 87048

Ion	Ratio	Lower	Upper
70	100		
42	54.3	49.1	73.7
101	10.8	8.5	12.7
130	27.8	13.4	20.0



#20

3+4-Methylphenols

Concen: 40.600 ng

RT: 9.50 min Scan# 1057

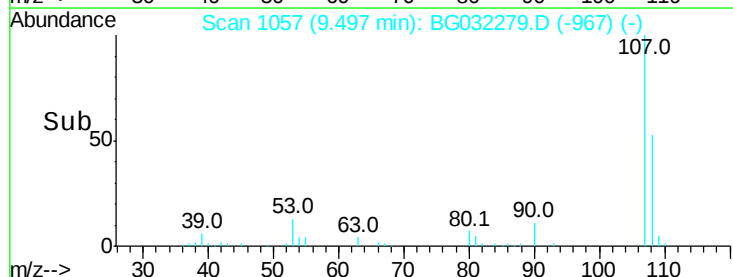
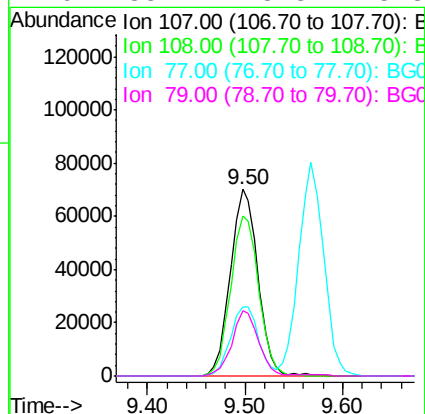
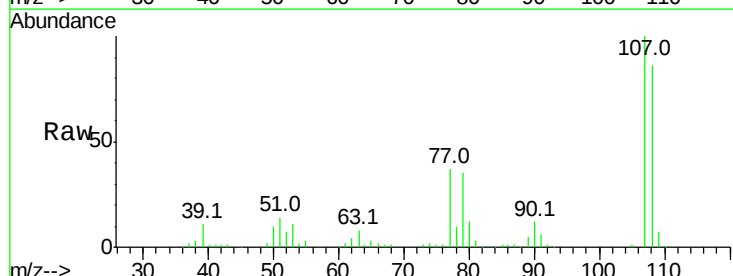
Delta R.T. -0.00 min

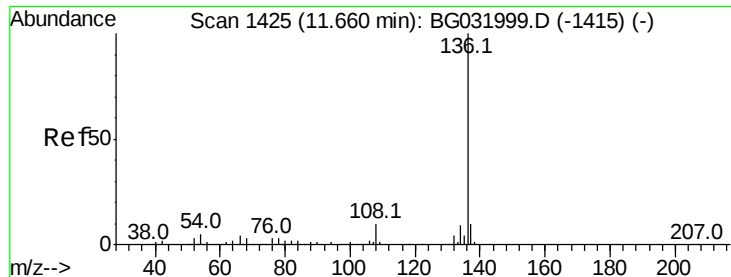
Lab File: BG032279.D

Acq: 25 Jan 2018 3:17

Tgt Ion: 107 Resp: 137704

Ion	Ratio	Lower	Upper
107	100		
108	85.6	61.6	101.6
77	37.0	13.9	53.9
79	35.2	8.8	48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.61 min Scan# 1416

Delta R.T. -0.00 min

Lab File: BG032279.D

Acq: 25 Jan 2018 3:17

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 181241

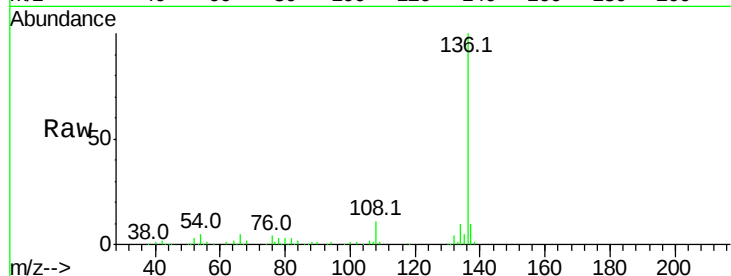
Ion Ratio Lower Upper

136 100

137 10.3 9.2 13.8

54 4.9 10.3 15.5#

68 2.2 4.5 6.7#

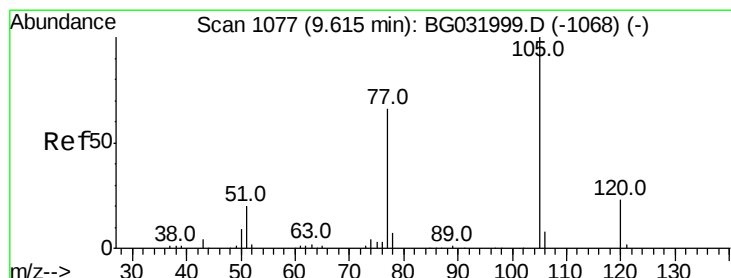
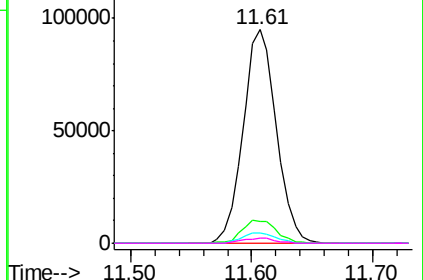
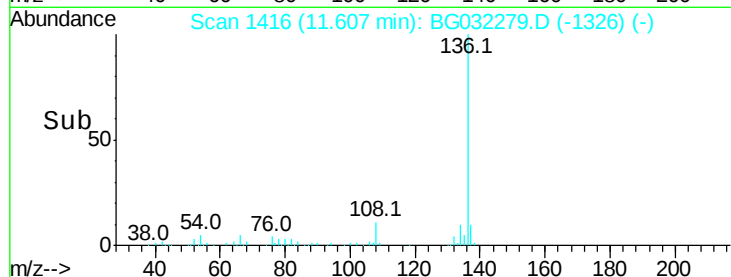


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.932 ng

RT: 9.57 min Scan# 1069

Delta R.T. 0.00 min

Lab File: BG032279.D

Acq: 25 Jan 2018 3:17

Tgt Ion:105 Resp: 189098

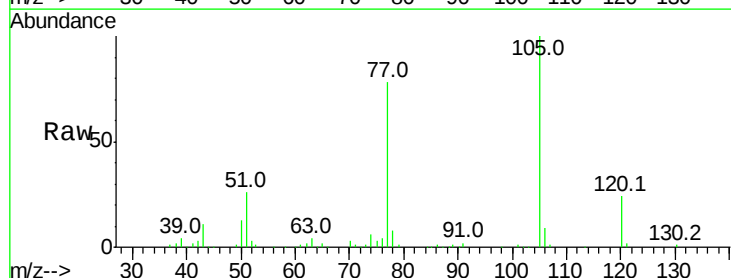
Ion Ratio Lower Upper

105 100

71 0.7 3.0 4.4#

51 26.0 26.1 39.1#

120 24.3 17.4 26.2

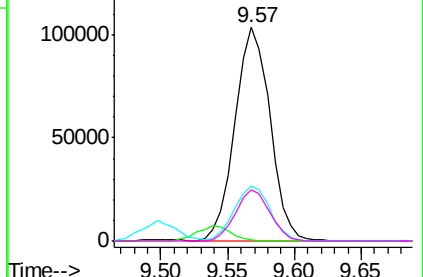
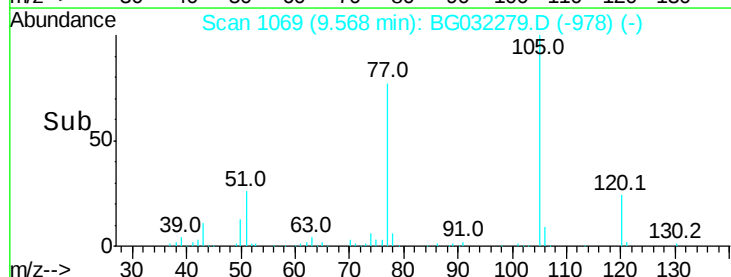


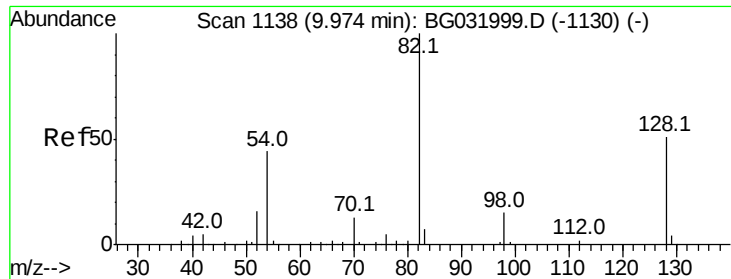
Abundance Ion 105.00 (104.70 to 105.70): E

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

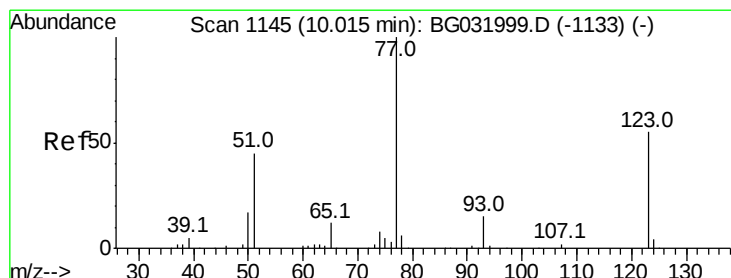
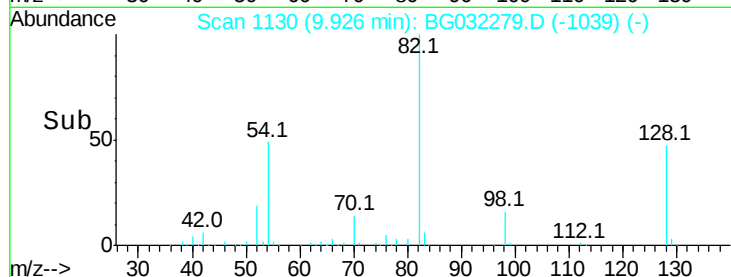
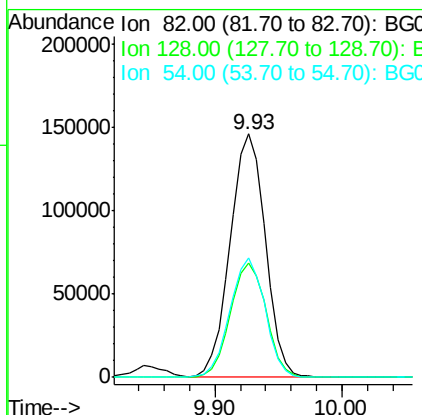
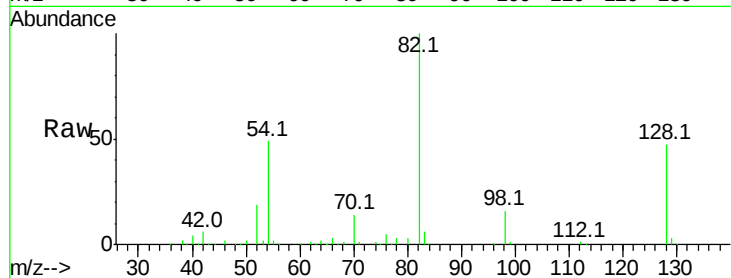




#23
 Nitrobenzene-d5
 Concen: 104.954 ng
 RT: 9.93 min Scan# 1130
 Delta R.T. 0.00 min
 Lab File: BG032279.D
 Acq: 25 Jan 2018 3:17

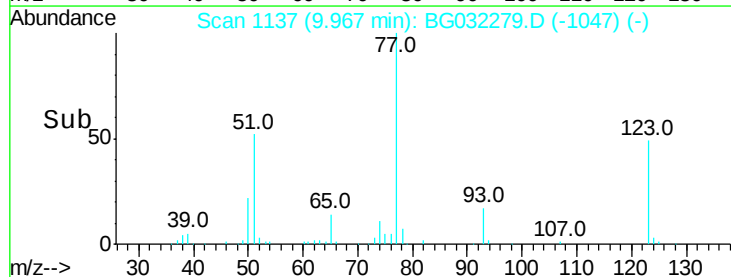
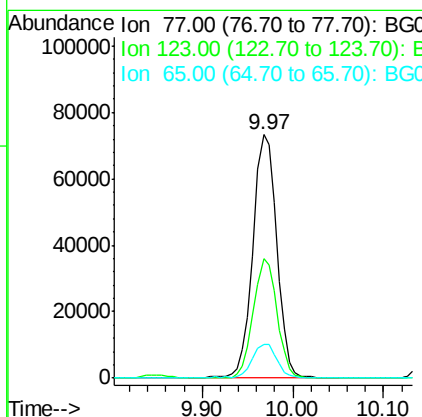
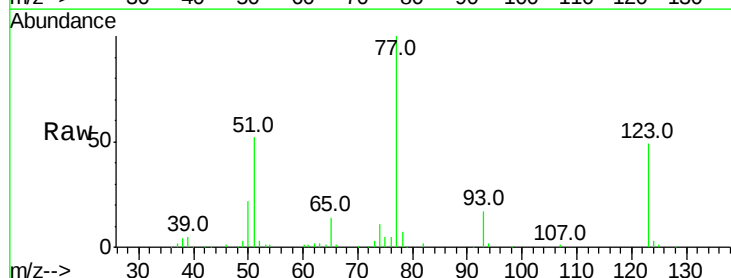
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	281164
Ion Ratio	100	Lower	Upper
128	47.2	29.7	44.5#
54	49.2	43.1	64.7



#24
 Nitrobenzene
 Concen: 50.244 ng
 RT: 9.97 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: BG032279.D
 Acq: 25 Jan 2018 3:17

Tgt Ion	77	Resp	134261
Ion Ratio	100	Lower	Upper
123	49.3	33.0	49.6
65	14.0	13.0	19.6





#25

Isophorone

Concen: 47.705 ng

RT: 10.49 min Scan# 1226

Delta R.T. -0.00 min

Lab File: BG032279.D

Acq: 25 Jan 2018 3:17

Instrument :

BNA_G

ClientSampleId :

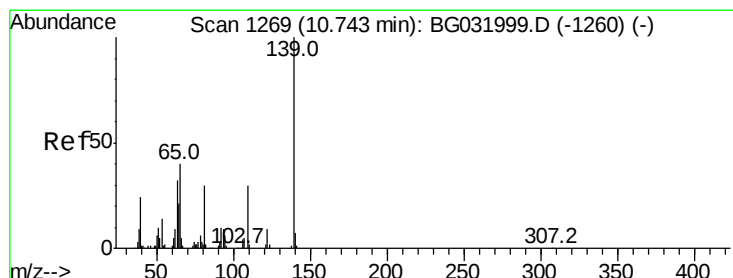
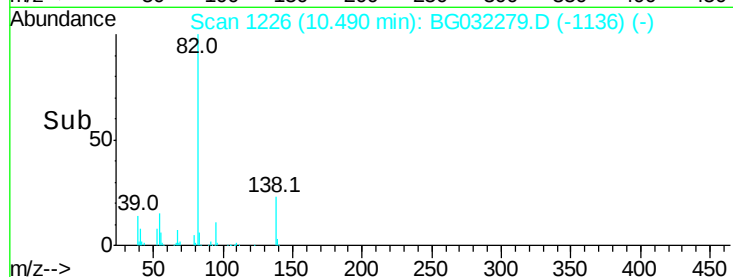
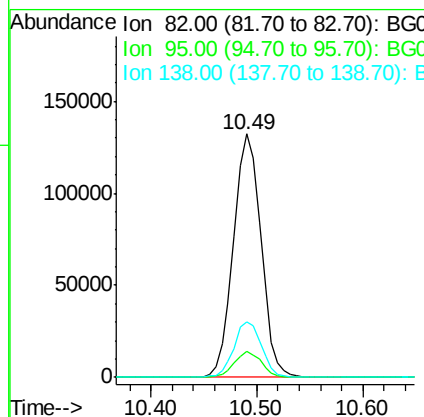
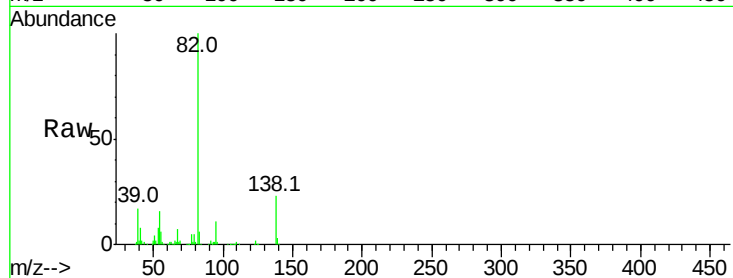
Tot Ion: 82 Resp: 237966

Ion Ratio Lower Upper

82 100

95 10.7 6.2 9.2#

138 22.8 12.1 18.1#



#26

2-Nitrophenol

Concen: 51.054 ng

RT: 10.70 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BG032279.D

Acq: 25 Jan 2018 3:17

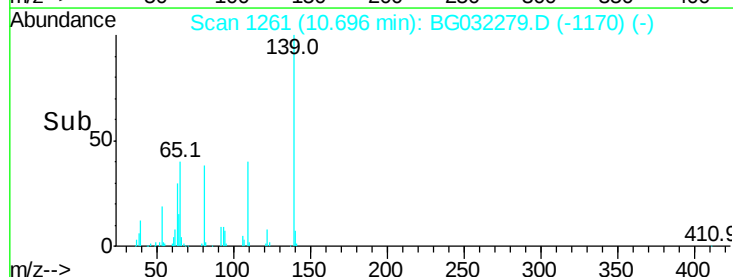
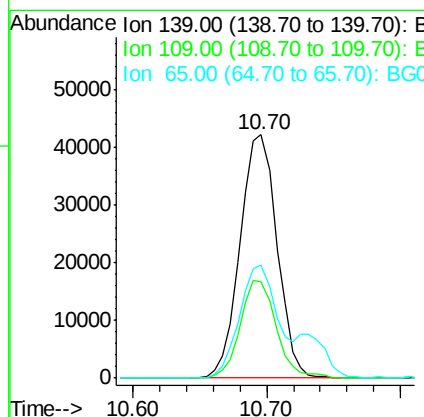
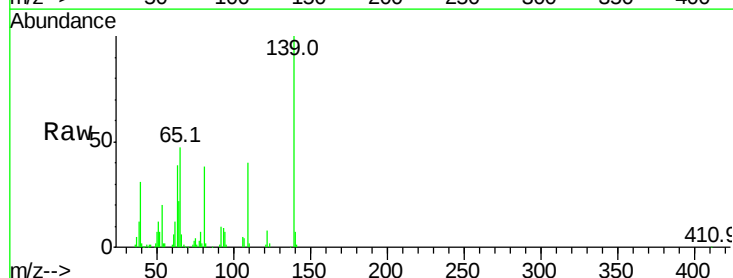
Tgt Ion: 139 Resp: 80837

Ion Ratio Lower Upper

139 100

109 39.8 24.2 36.2#

65 46.7 47.4 71.0#





#27

2,4-Dimethylphenol

Concen: 50.000 ng

RT: 10.73 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BG032279.D

Acq: 25 Jan 2018 3:17

Instrument :

BNA_G

ClientSampled :

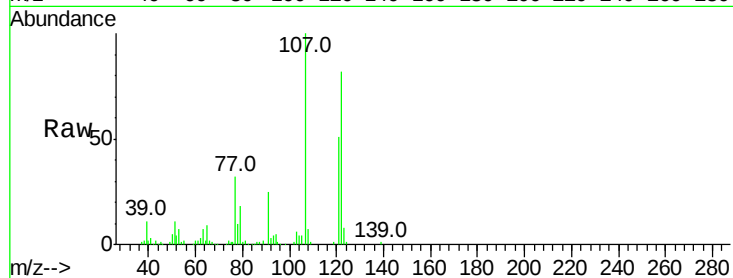
Tot Ion:122 Resp: 125631

Ion Ratio Lower Upper

122 100

107 121.4 100.2 150.2

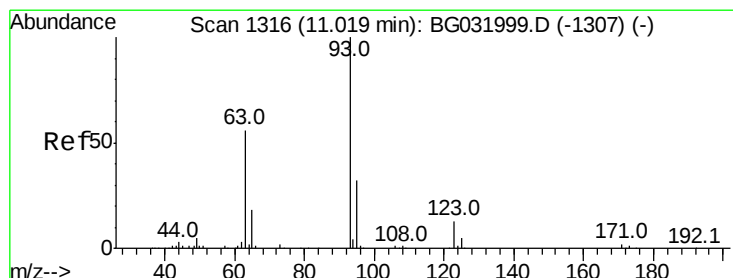
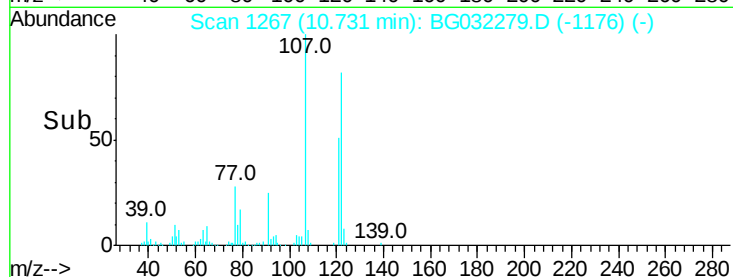
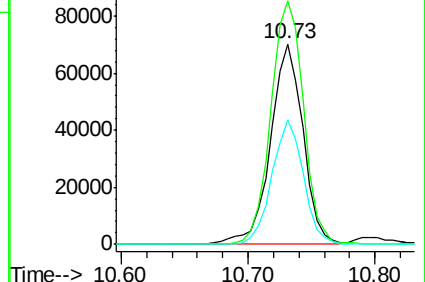
121 61.9 44.4 66.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 47.052 ng

RT: 10.97 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BG032279.D

Acq: 25 Jan 2018 3:17

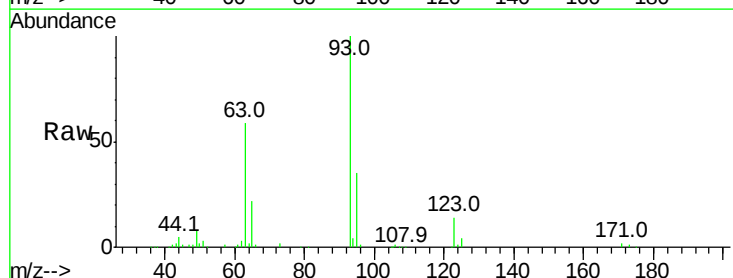
Tgt Ion: 93 Resp: 141412

Ion Ratio Lower Upper

93 100

95 34.6 24.3 36.5

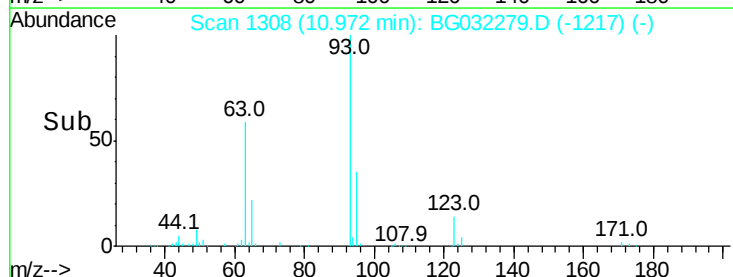
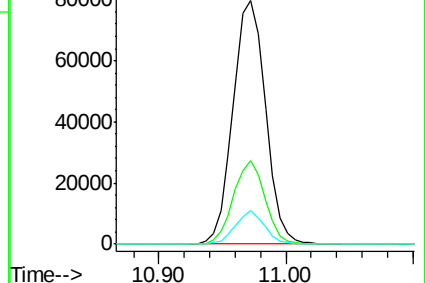
123 13.7 8.4 12.6#

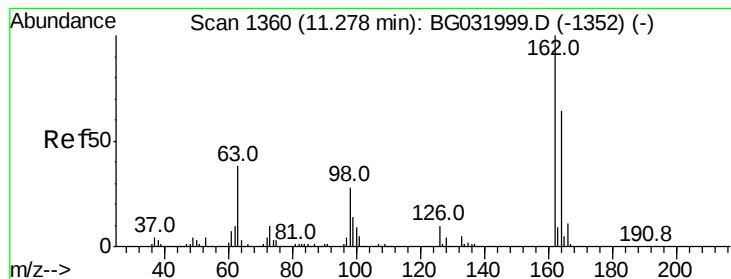


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 51.604 ng

RT: 11.24 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BG032279.D

Acq: 25 Jan 2018 3:17

Instrument :

BNA_G

ClientSampleId :

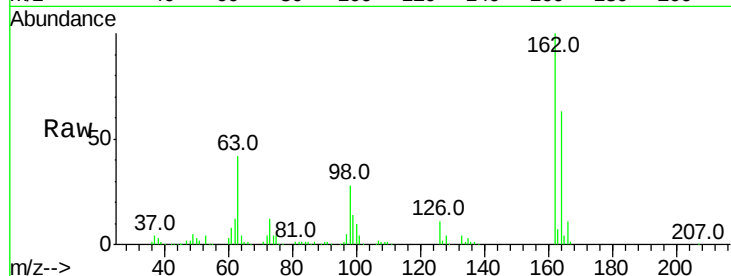
Tot Ion:162 Resp: 159543

Ion Ratio Lower Upper

162 100

164 63.2 48.0 88.0

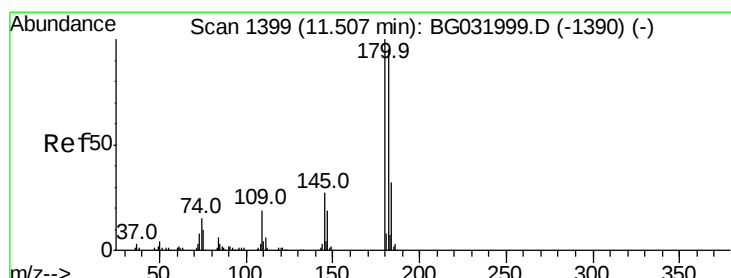
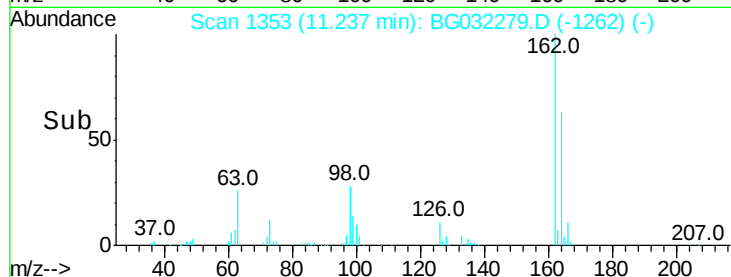
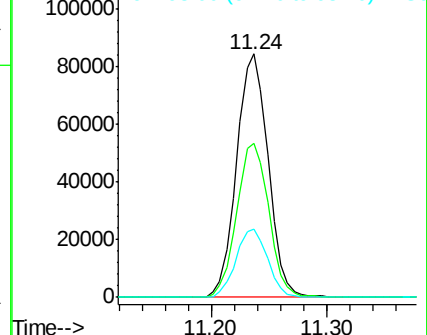
98 28.2 21.1 61.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 47.350 ng

RT: 11.46 min Scan# 1391

Delta R.T. -0.00 min

Lab File: BG032279.D

Acq: 25 Jan 2018 3:17

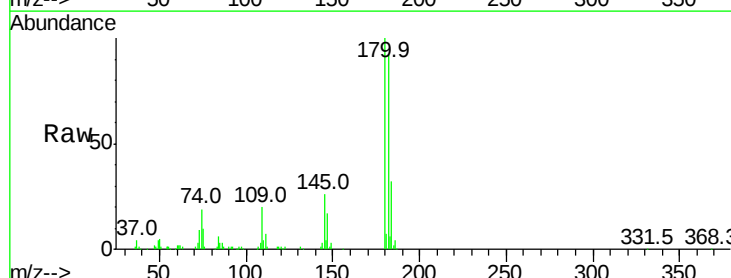
Tgt Ion:180 Resp: 189062

Ion Ratio Lower Upper

180 100

182 92.2 77.5 116.3

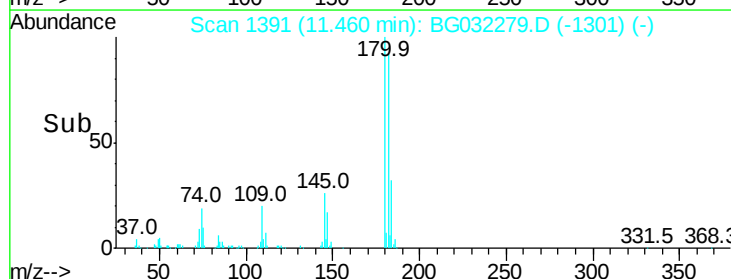
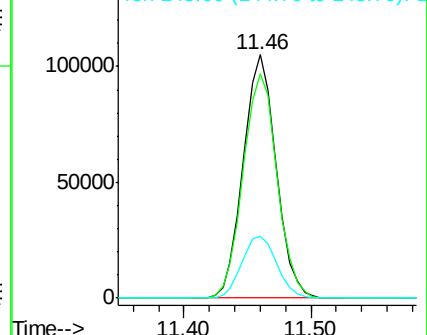
145 25.7 23.4 35.2



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

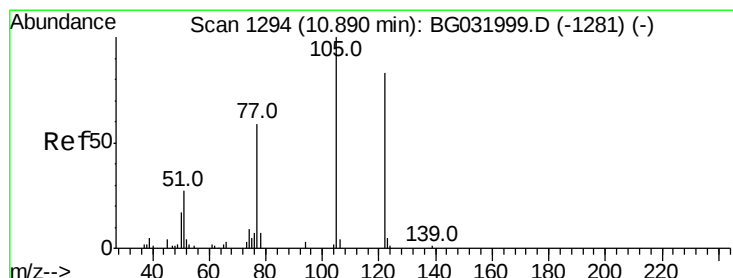
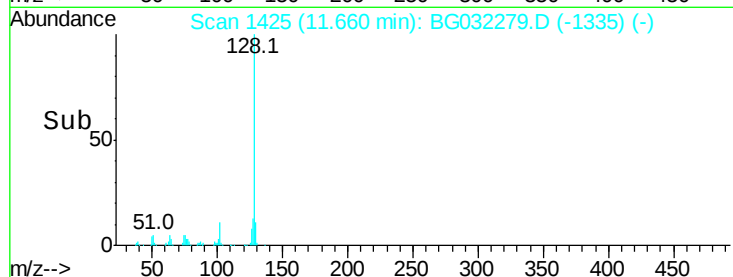
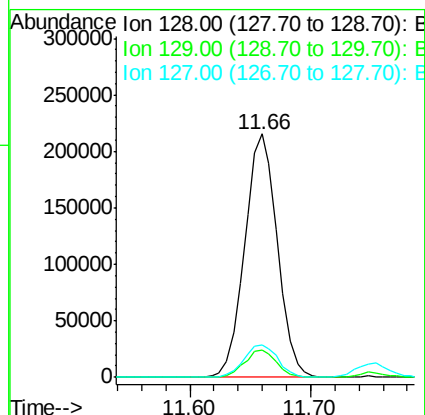
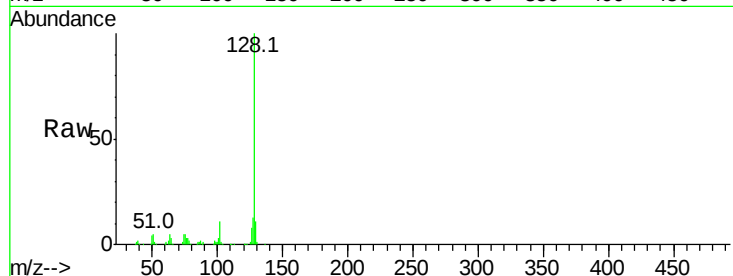




#31
Naphthalene
Concen: 45.083 ng
RT: 11.66 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BG032279.D
Acq: 25 Jan 2018 3:17

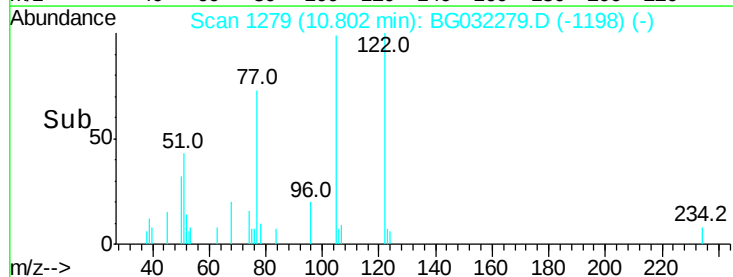
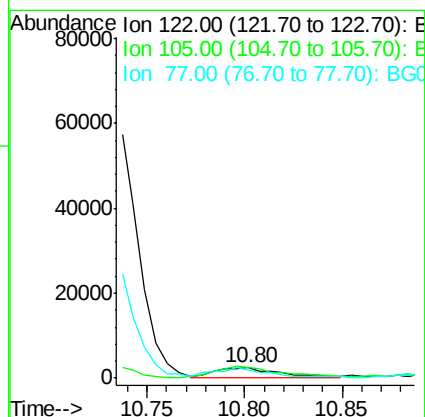
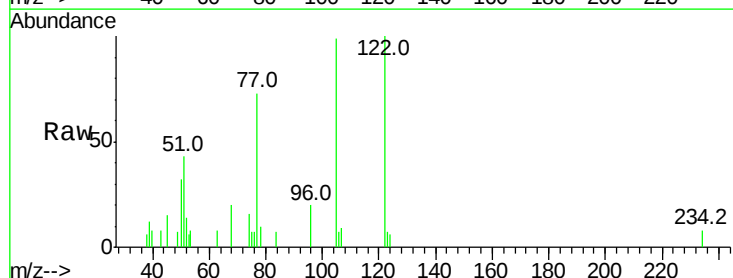
Instrument :
BNA_G
ClientSampleId :

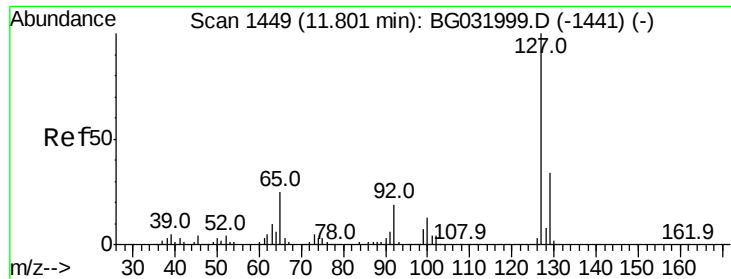
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	12.8
127	13.5	11.6	17.4



#32
Benzoic acid
Concen: 7.854 ng
RT: 10.80 min Scan# 1279
Delta R.T. -0.05 min
Lab File: BG032279.D
Acq: 25 Jan 2018 3:17

Tgt Ion	Ratio	Lower	Upper
122	100		
105	99.4	123.5	163.5#
77	72.9	85.7	125.7#

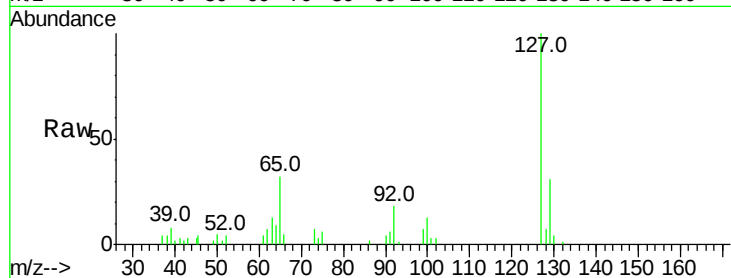




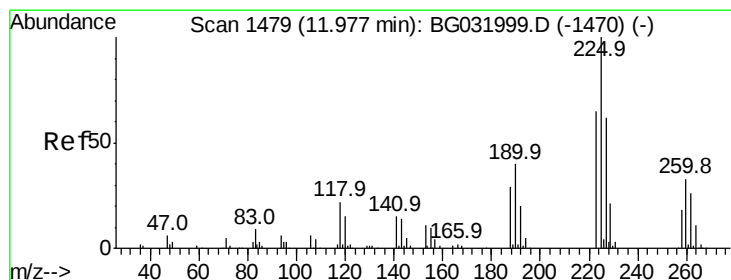
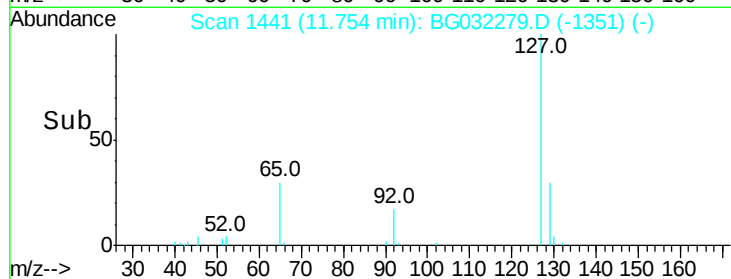
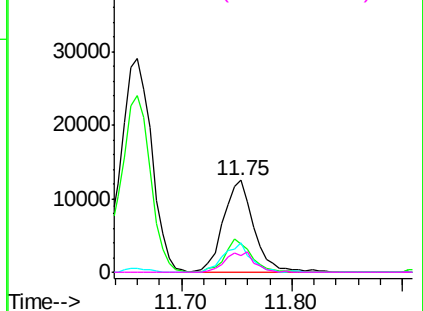
#33
4-Chloroaniline
Concen: 6.334 ng
RT: 11.75 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BG032279.D
Acq: 25 Jan 2018 3:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	24388
Ion	Ratio	Lower	Upper
127	100		
129	31.2	24.0	36.0
65	31.5	27.0	40.4
92	17.8	16.6	25.0

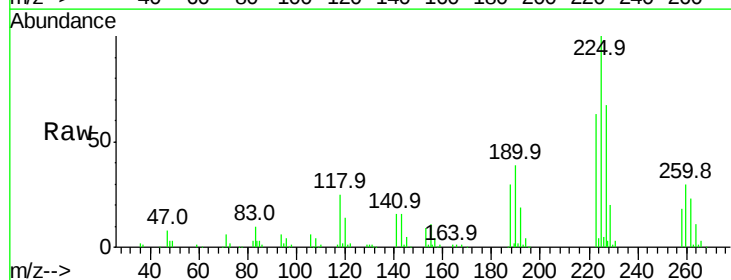


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

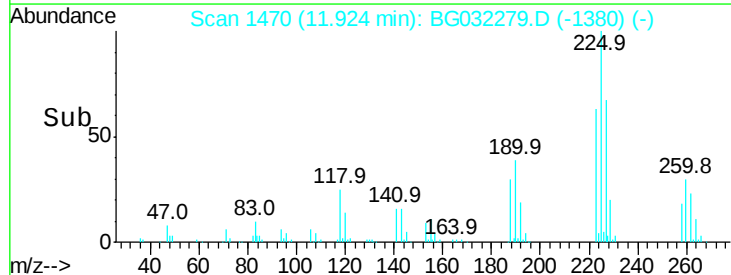
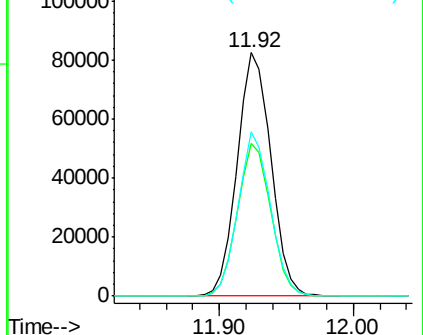


#34
Hexachlorobutadiene
Concen: 50.411 ng
RT: 11.92 min Scan# 1470
Delta R.T. -0.00 min
Lab File: BG032279.D
Acq: 25 Jan 2018 3:17

Tgt Ion:	225	Resp:	144572
Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.7	74.5
227	67.2	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: 39.261 ng

RT: 12.50 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BG032279.D

Acq: 25 Jan 2018 3:17

Instrument :

BNA_G

ClientSampleId :

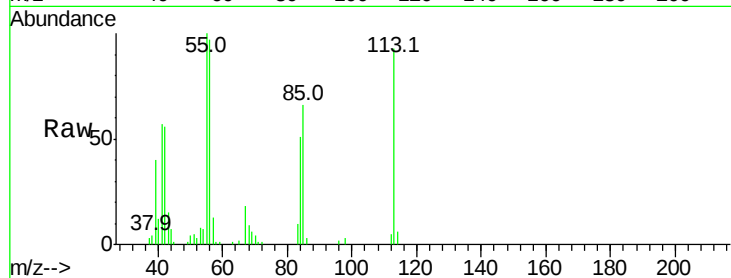
Tot Ion:113 Resp: 36825

Ion Ratio Lower Upper

113 100

55 107.5 186.9 226.9#

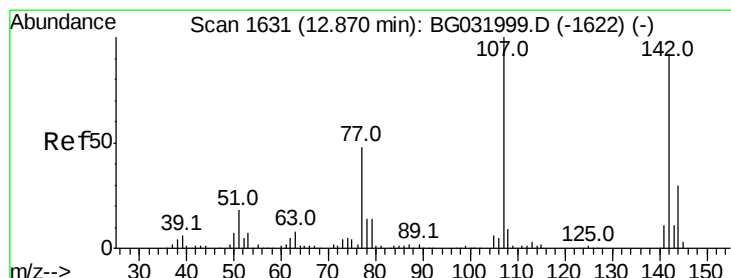
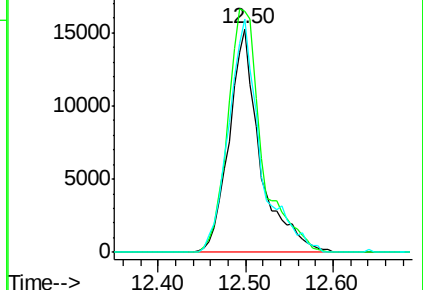
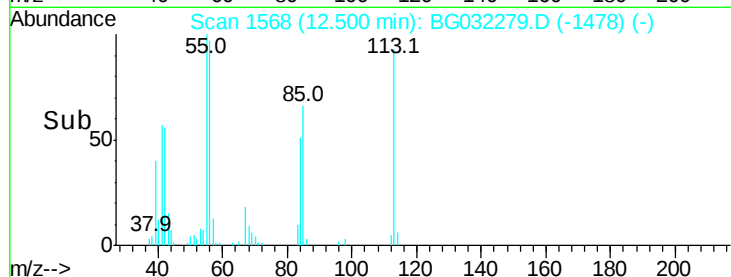
56 104.4 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 49.544 ng

RT: 12.83 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BG032279.D

Acq: 25 Jan 2018 3:17

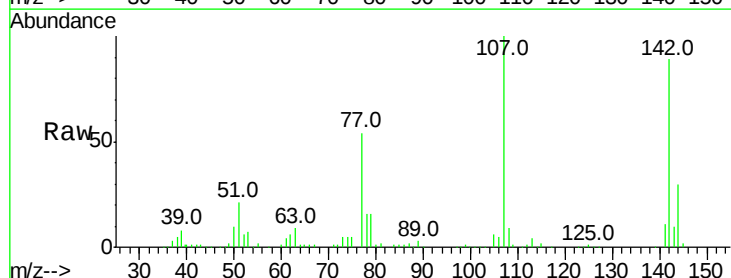
Tgt Ion:107 Resp: 140203

Ion Ratio Lower Upper

107 100

144 30.2 18.2 27.4#

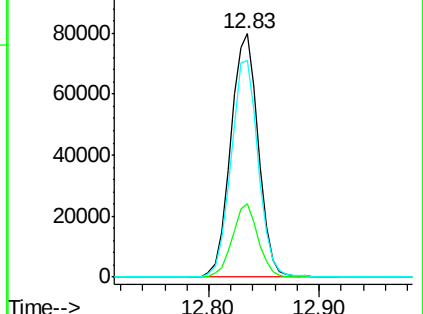
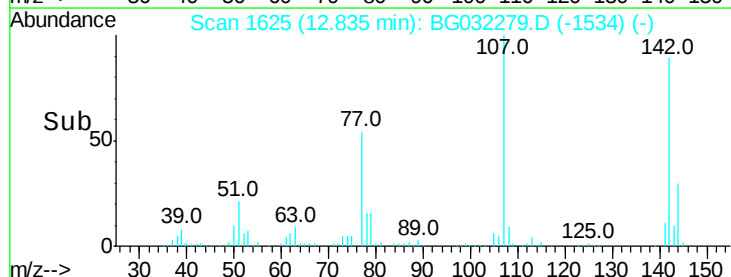
142 89.0 59.0 88.4#

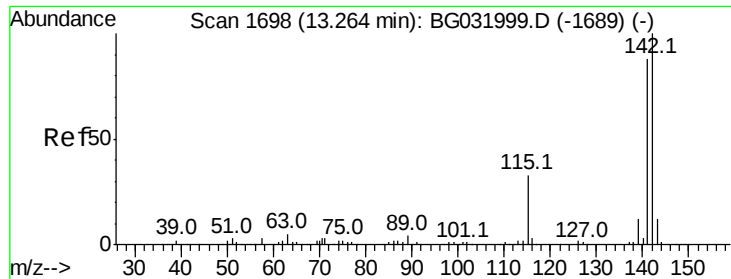


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

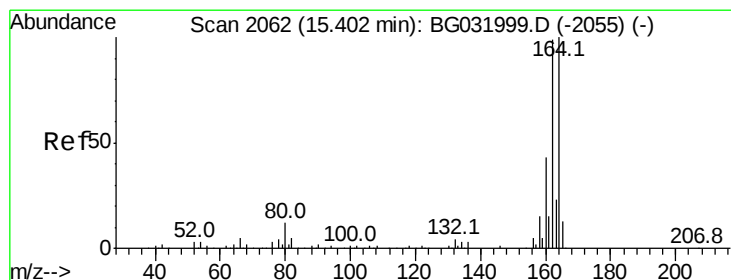
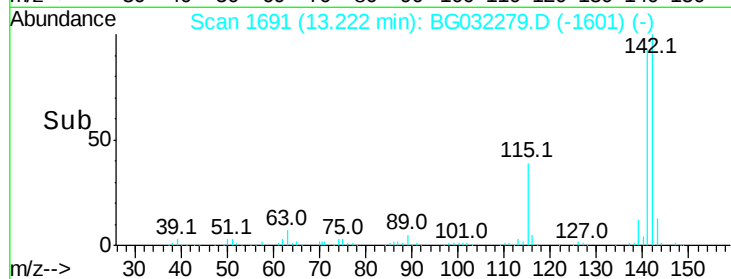
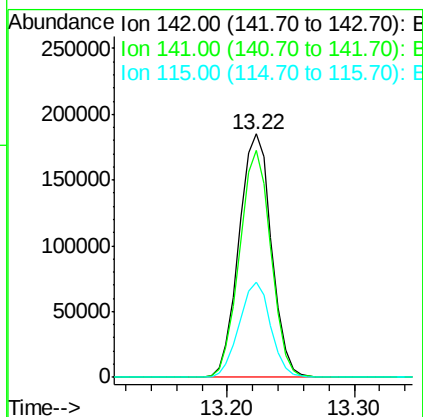
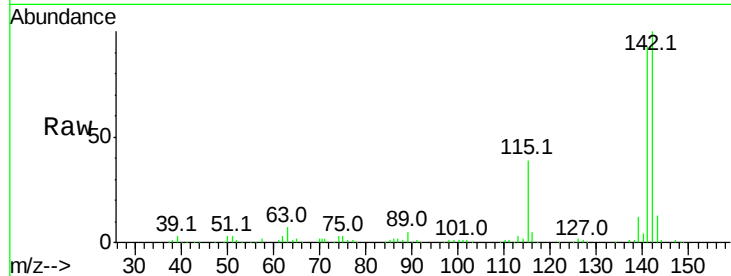




#37
 2-Methylnaphthalene
 Concen: 46.014 ng
 RT: 13.22 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BG032279.D
 Acq: 25 Jan 2018 3:17

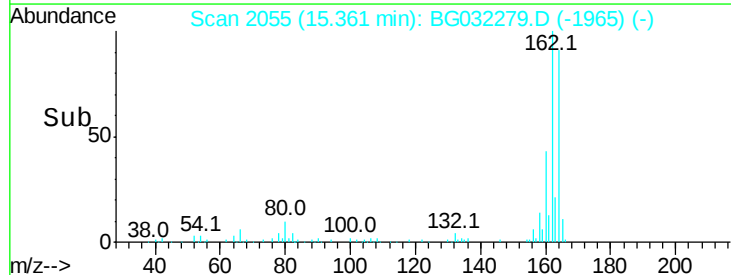
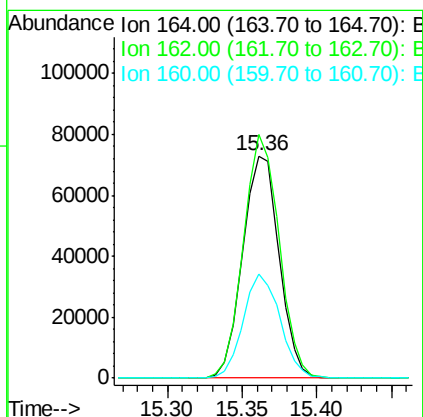
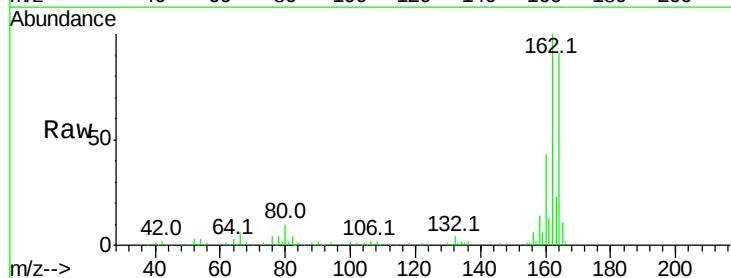
Instrument :
 BNA_G
 ClientSampleId :

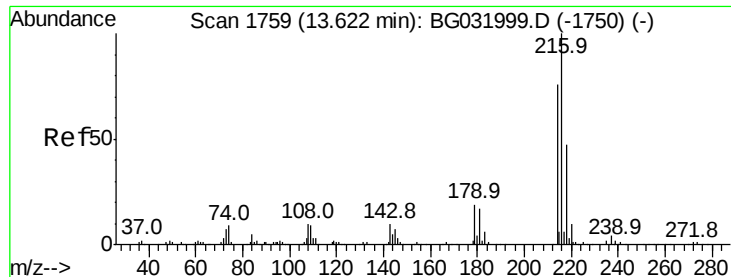
Tot Ion	Ratio	Lower	Upper
142	100		
141	93.0	67.1	100.7
115	39.0	30.7	46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.36 min Scan# 2055
 Delta R.T. -0.00 min
 Lab File: BG032279.D
 Acq: 25 Jan 2018 3:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	109.7	78.8	118.2
160	47.1	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.830 ng

RT: 13.57 min Scan# 1751

Delta R.T. -0.00 min

Lab File: BG032279.D

Acq: 25 Jan 2018 3:17

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 255681

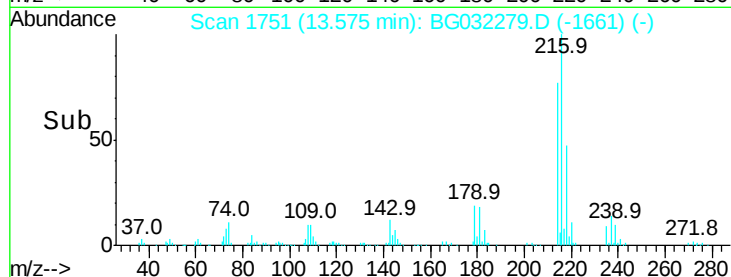
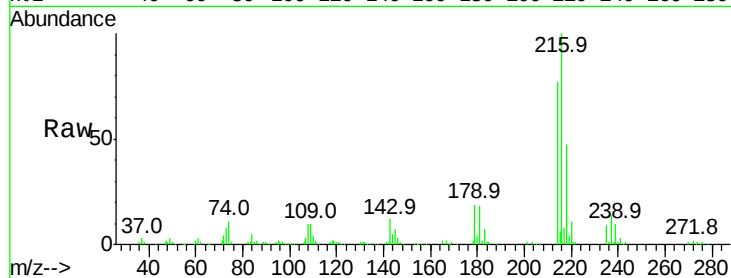
Ion Ratio Lower Upper

216 100

214 77.0 63.0 94.4

179 18.5 17.0 25.6

108 12.8 12.8 19.2#

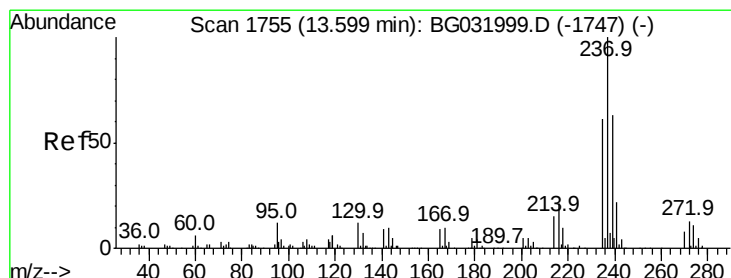
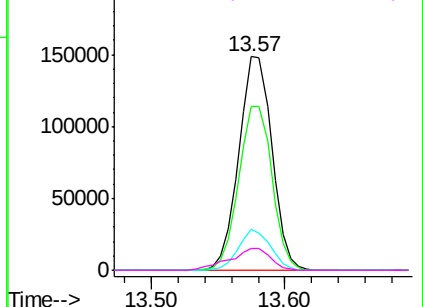


Abundance Ion 216.00 (215.70 to 216.70): E

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: 108.625 ng

RT: 13.55 min Scan# 1747

Delta R.T. -0.00 min

Lab File: BG032279.D

Acq: 25 Jan 2018 3:17

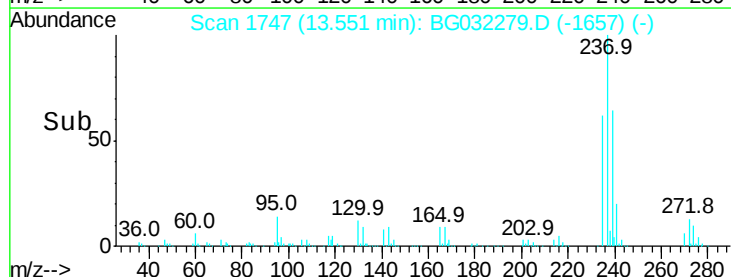
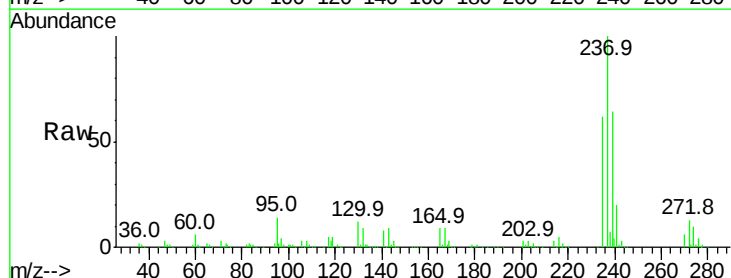
Tgt Ion:237 Resp: 327051

Ion Ratio Lower Upper

237 100

235 62.3 50.4 90.4

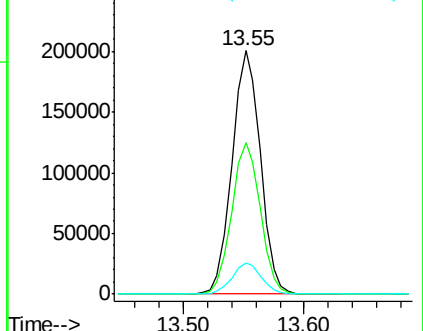
272 12.7 0.0 31.8

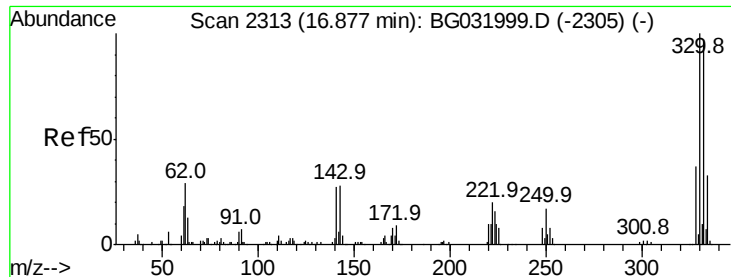


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 147.309 ng

RT: 16.84 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BG032279.D

Acq: 25 Jan 2018 3:17

Instrument :

BNA_G

ClientSampled :

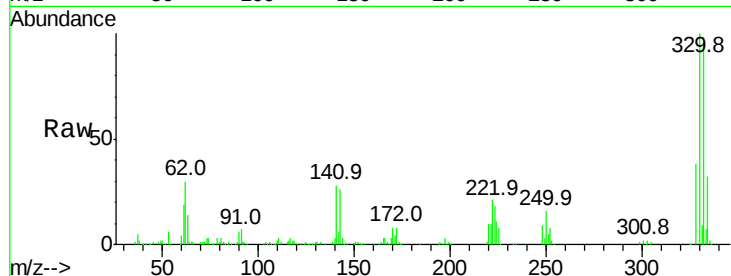
Tot Ion:330 Resp: 298935

Ion Ratio Lower Upper

330 100

332 98.1 77.0 115.6

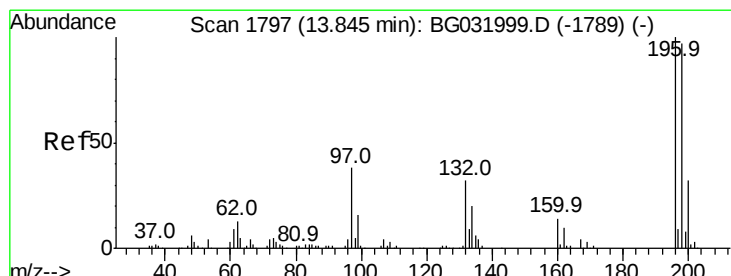
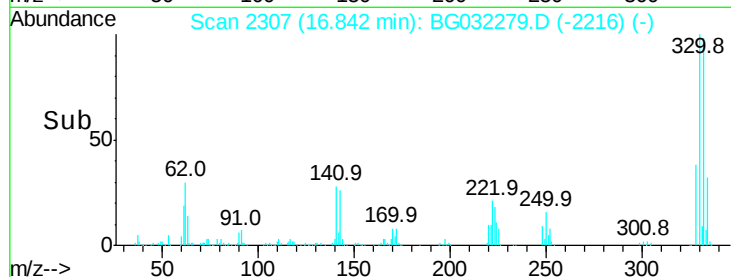
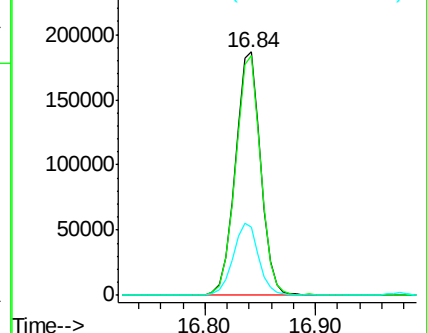
141 29.8 25.2 37.8



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: 50.602 ng

RT: 13.80 min Scan# 1790

Delta R.T. -0.00 min

Lab File: BG032279.D

Acq: 25 Jan 2018 3:17

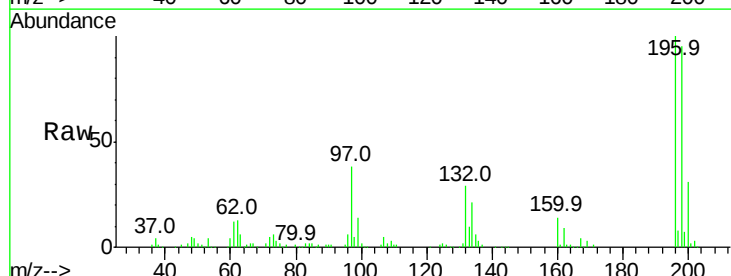
Tgt Ion:196 Resp: 151989

Ion Ratio Lower Upper

196 100

198 94.7 78.2 117.2

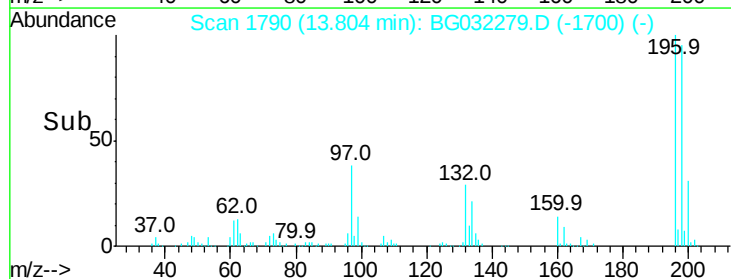
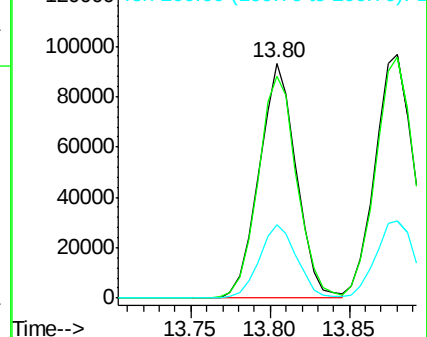
200 31.2 24.6 36.8

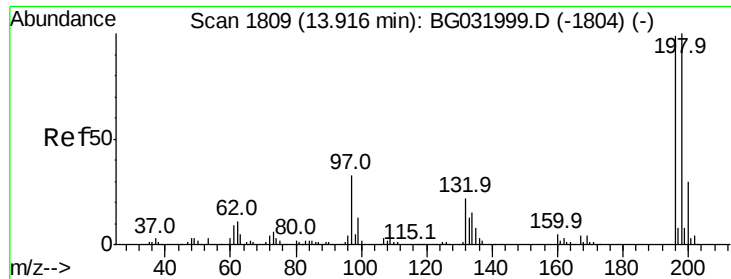


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

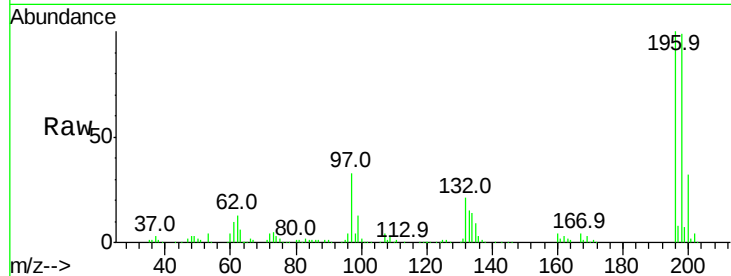




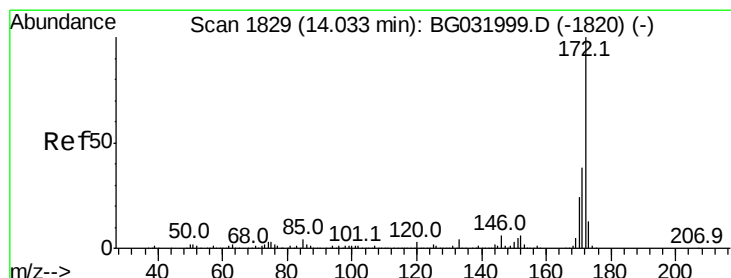
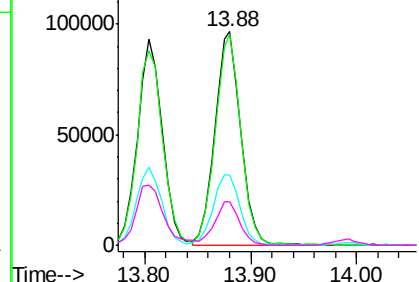
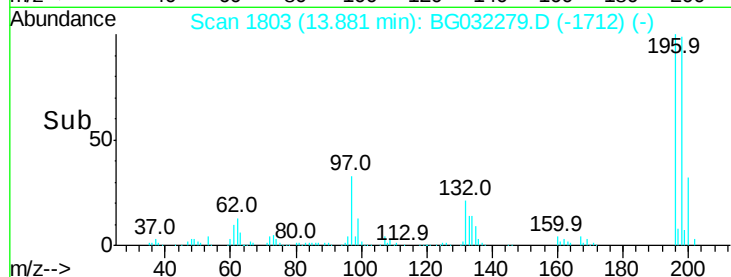
#43
 2,4,5-Trichlorophenol
 Concen: 47.294 ng
 RT: 13.88 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: BG032279.D
 Acq: 25 Jan 2018 3:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.8	76.2	114.4
97	32.8	38.7	58.1
132	20.6	20.2	30.2

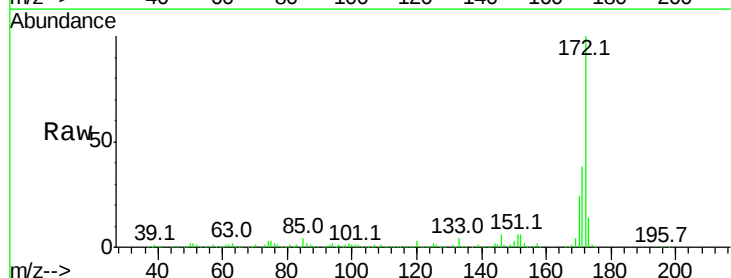


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

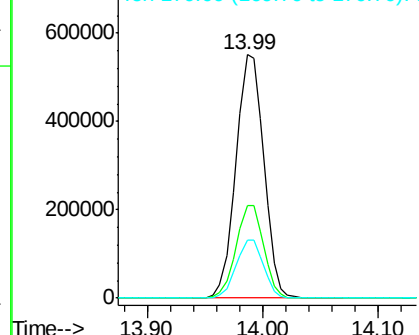
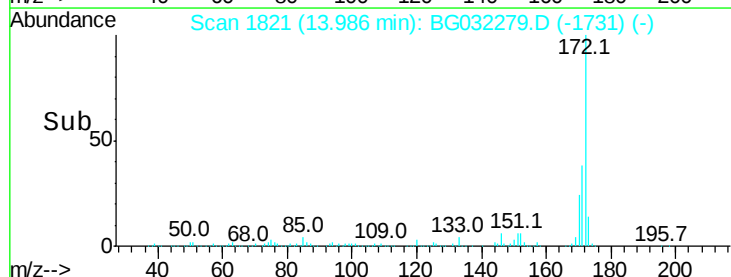


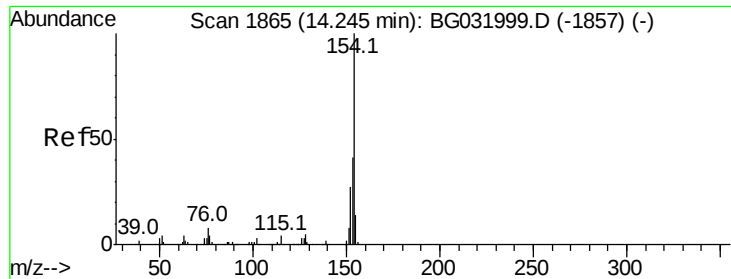
#44
 2-Fluorobiphenyl
 Concen: 93.298 ng
 RT: 13.99 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BG032279.D
 Acq: 25 Jan 2018 3:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	23.6	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

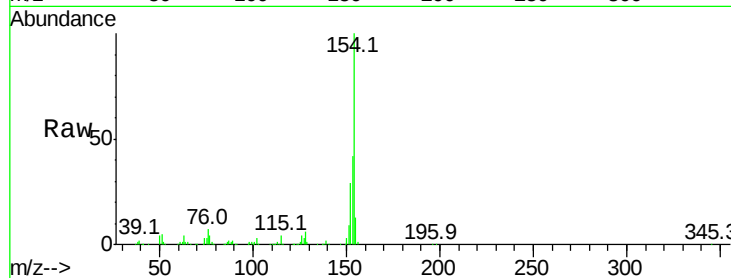




#45
 1,1'-Biphenyl
 Concen: 44.022 ng
 RT: 14.20 min Scan# 1857
 Delta R.T. -0.00 min
 Lab File: BG032279.D
 Acq: 25 Jan 2018 3:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.4	19.8	59.8
76	7.5	0.0	31.9

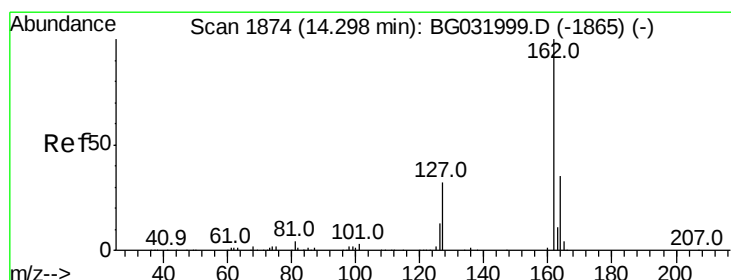
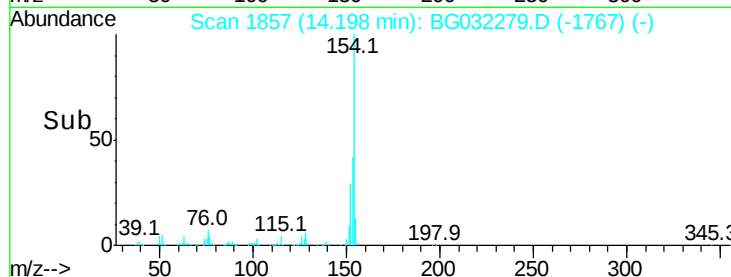
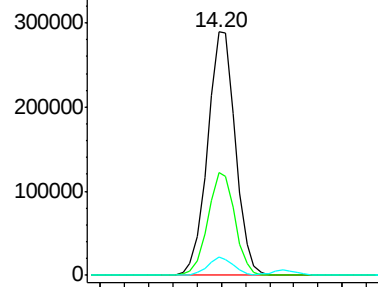


Abundance

Ion 154.00 (153.70 to 154.70): E

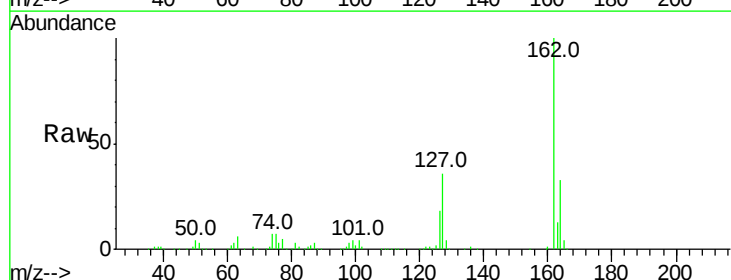
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): B



#46
 2-Chloronaphthalene
 Concen: 43.703 ng
 RT: 14.25 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: BG032279.D
 Acq: 25 Jan 2018 3:17

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.2	30.7	46.1
164	33.2	26.0	39.0

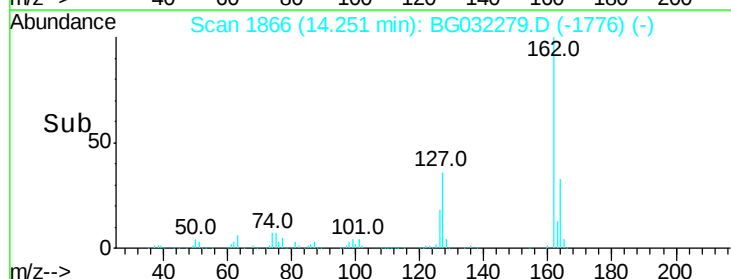
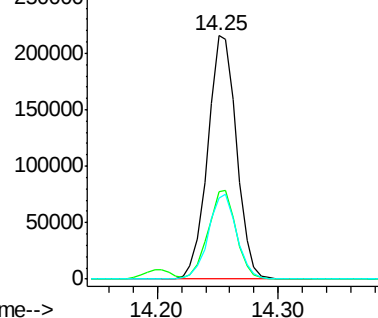


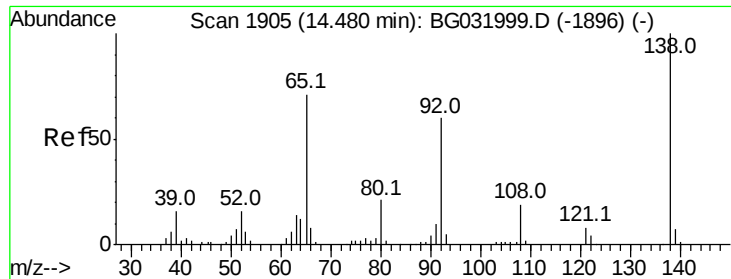
Abundance

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

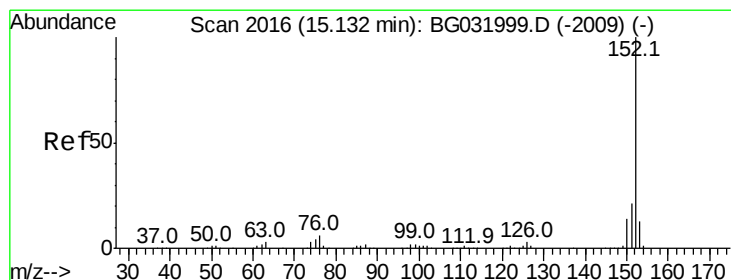
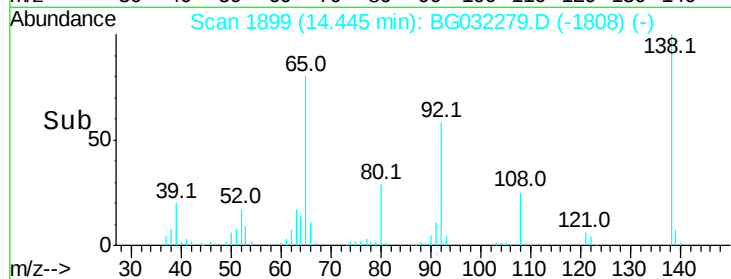
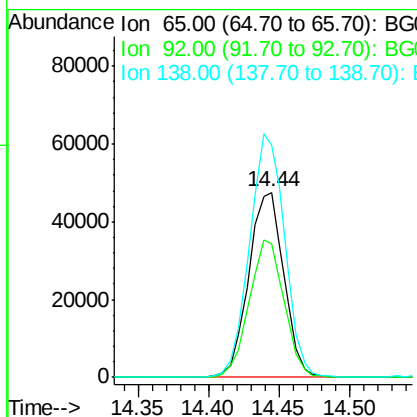
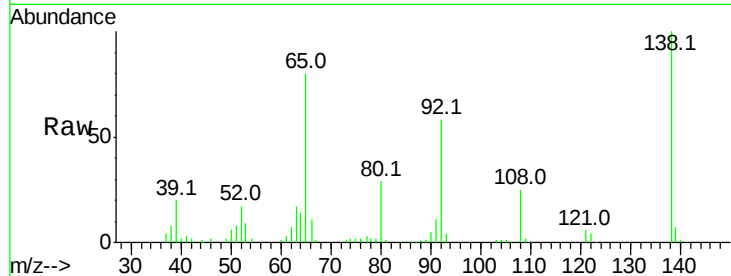




#47
2-Nitroaniline
Concen: 53.203 ng
RT: 14.44 min Scan# 1899
Delta R.T. 0.00 min
Lab File: BG032279.D
Acq: 25 Jan 2018 3:17

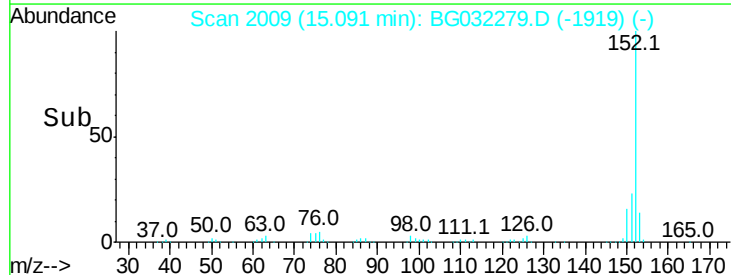
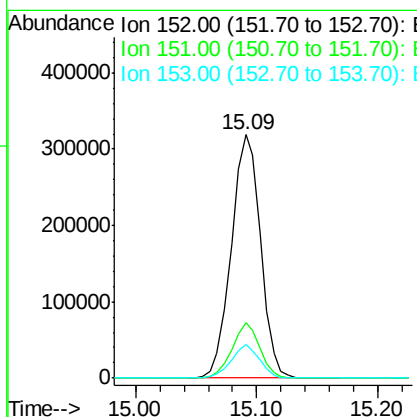
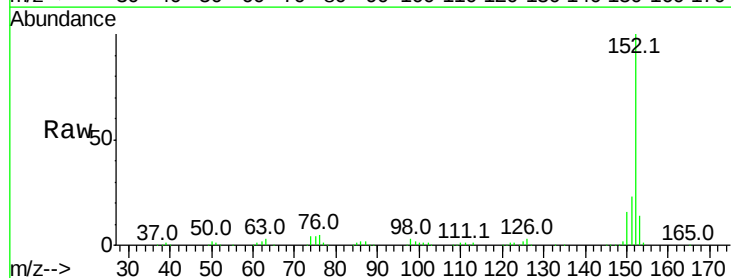
Instrument :
BNA_G
ClientSampleId :

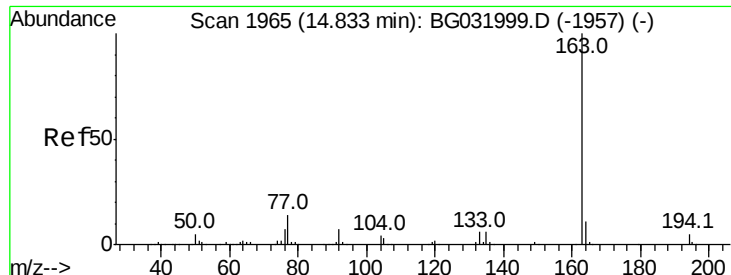
Tot Ion: 65 Resp: 83299
Ion Ratio Lower Upper
65 100
92 72.6 54.6 82.0
138 125.5 72.9 109.3#



#48
Acenaphthylene
Concen: 42.995 ng
RT: 15.09 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BG032279.D
Acq: 25 Jan 2018 3:17

Tgt Ion:152 Resp: 535467
Ion Ratio Lower Upper
152 100
151 22.6 17.2 25.8
153 13.7 10.2 15.4





#49

Dimethylphthalate

Concen: 44.828 ng

RT: 14.79 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG032279.D

Acq: 25 Jan 2018 3:17

Instrument :

BNA_G

ClientSampleId :

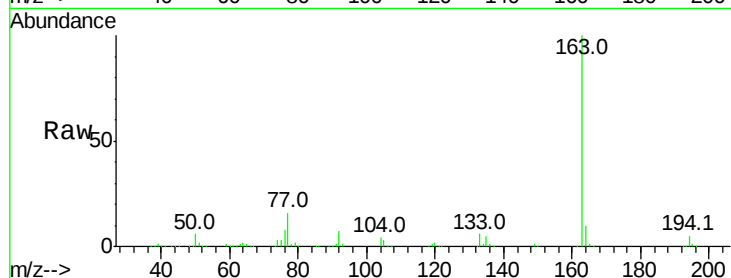
Tot Ion:163 Resp: 481069

Ion Ratio Lower Upper

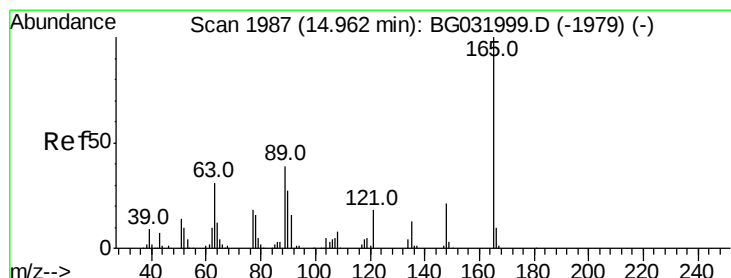
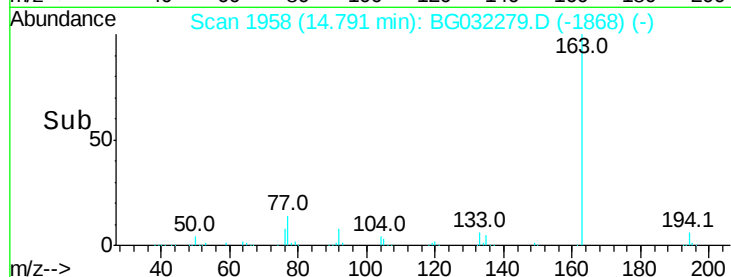
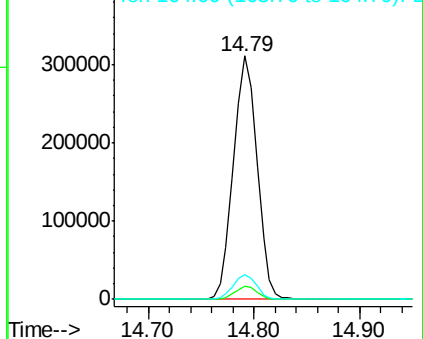
163 100

194 5.4 3.4 5.2#

164 10.3 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: 48.263 ng

RT: 14.92 min Scan# 1980

Delta R.T. -0.00 min

Lab File: BG032279.D

Acq: 25 Jan 2018 3:17

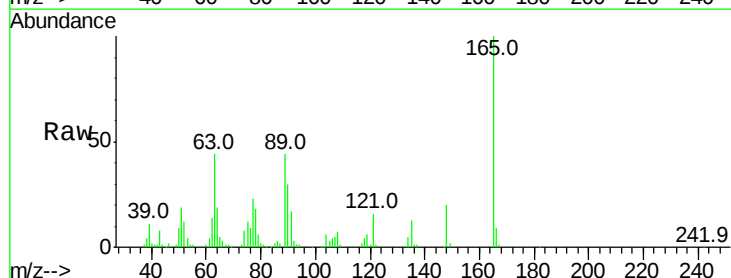
Tgt Ion:165 Resp: 107505

Ion Ratio Lower Upper

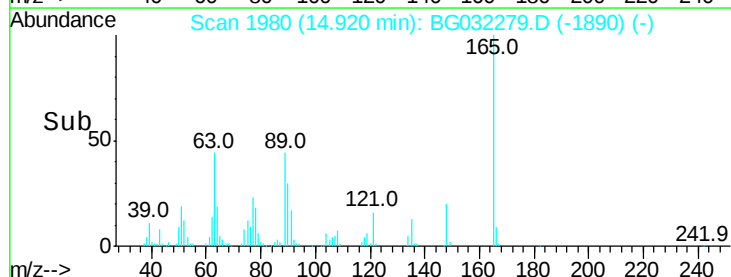
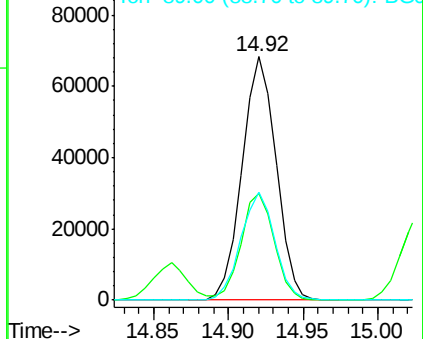
165 100

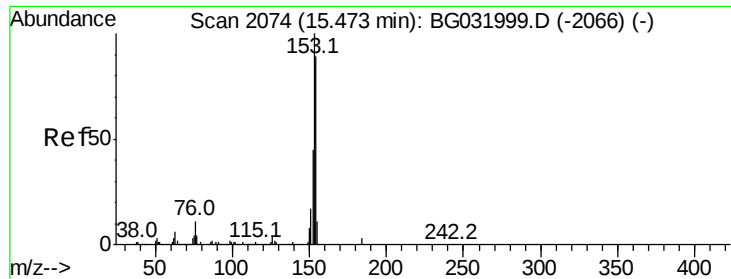
63 43.6 52.7 79.1#

89 44.2 49.2 73.8#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 44.220 ng

RT: 15.43 min Scan# 2066

Delta R.T. -0.00 min

Lab File: BG032279.D

Acq: 25 Jan 2018 3:17

Instrument :

BNA_G

ClientSampleId :

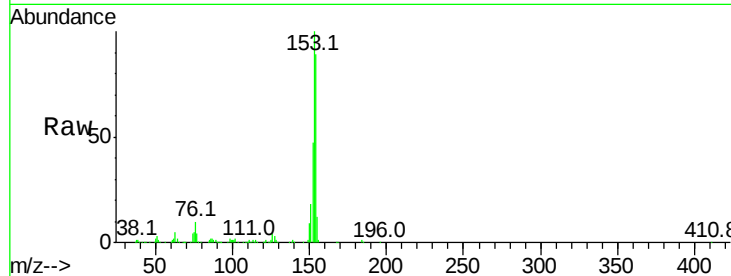
Tot Ion:154 Resp: 364160

Ion Ratio Lower Upper

154 100

153 112.5 90.4 135.6

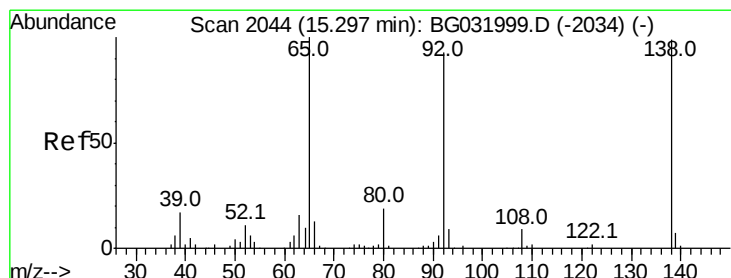
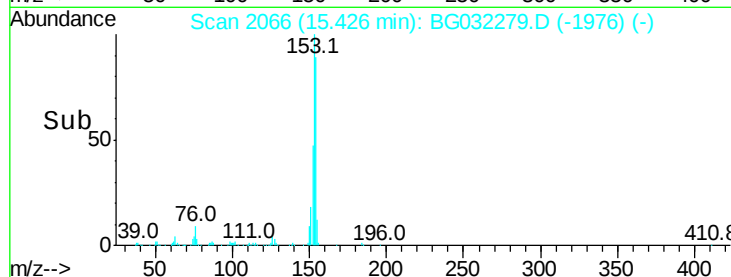
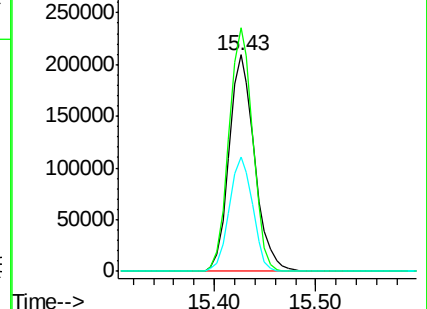
152 52.7 41.6 62.4



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: 13.250 ng

RT: 15.25 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BG032279.D

Acq: 25 Jan 2018 3:17

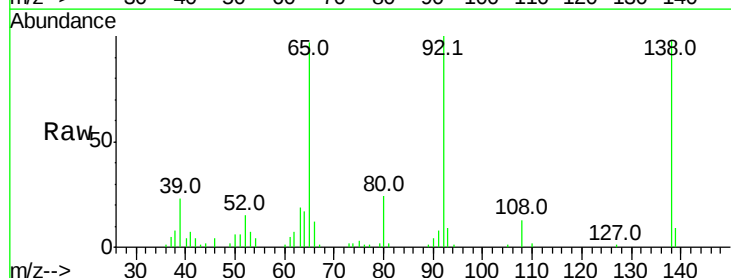
Tgt Ion:138 Resp: 26657

Ion Ratio Lower Upper

138 100

108 12.9 17.5 26.3#

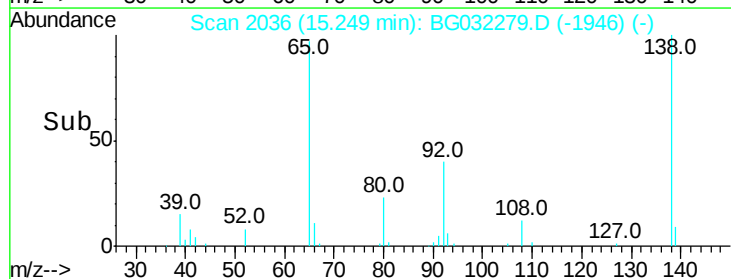
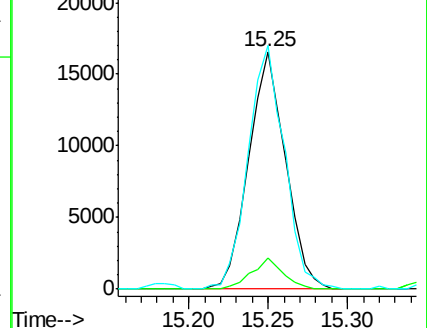
92 102.4 105.8 158.8#

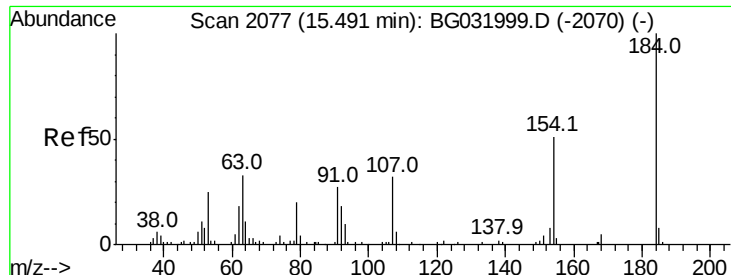


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

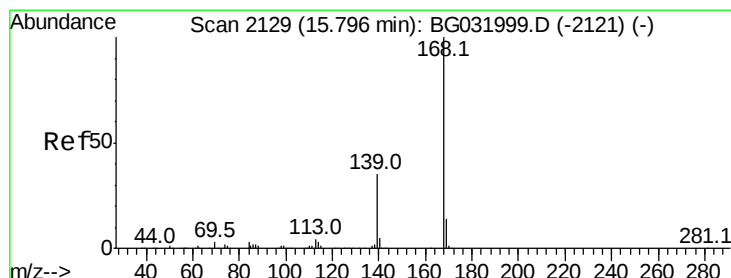
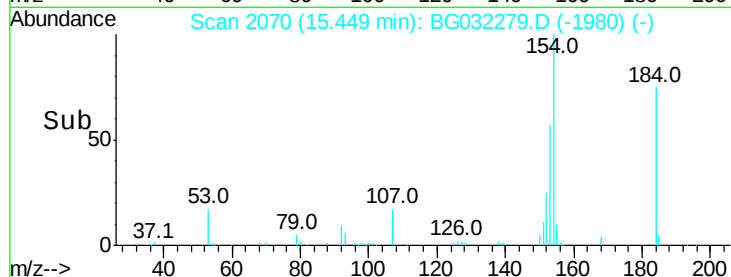
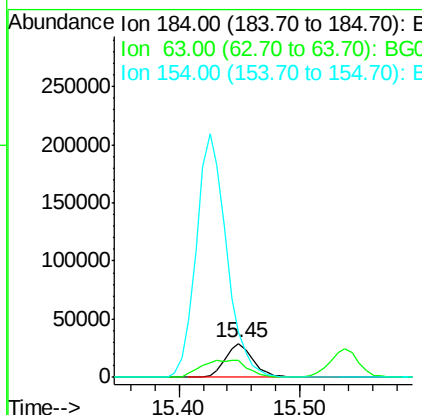
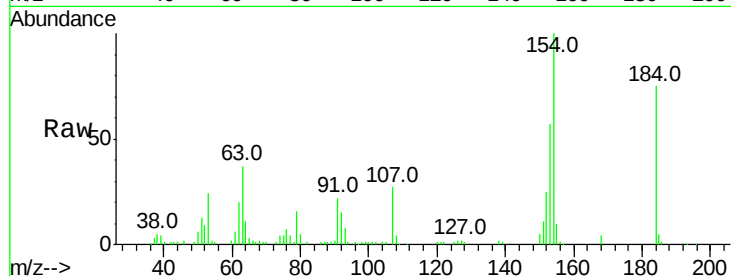




#53
 2,4-Dinitrophenol
 Concen: 45.439 ng
 RT: 15.45 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: BG032279.D
 Acq: 25 Jan 2018 3:17

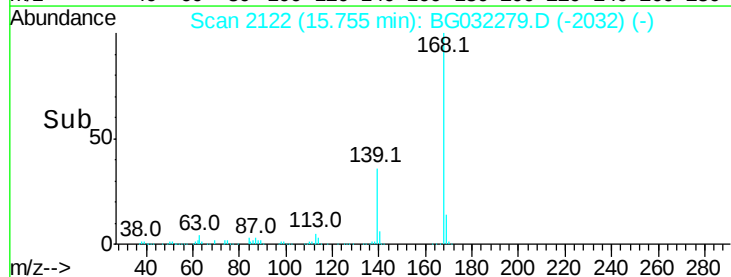
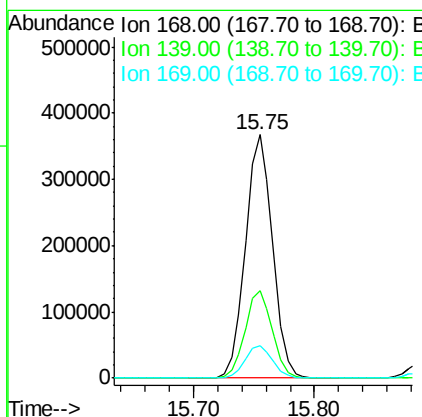
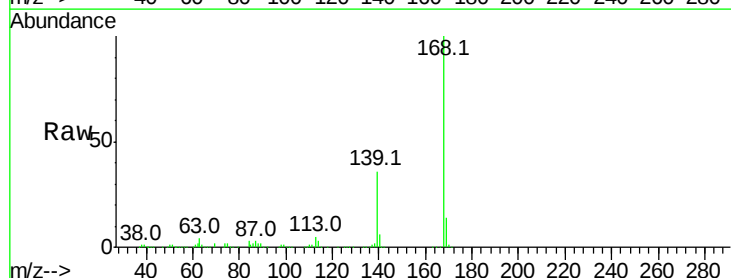
Instrument :
 BNA_G
 ClientSampleId :

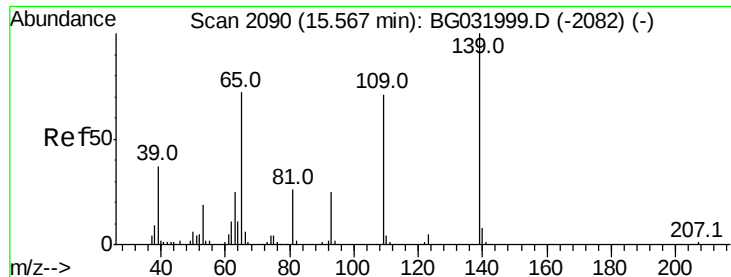
Tot Ion:184 Resp: 47091
 Ion Ratio Lower Upper
 184 100
 63 49.0 59.8 89.8#
 154 133.4 101.8 152.8



#54
 Dibenzofuran
 Concen: 46.591 ng
 RT: 15.75 min Scan# 2122
 Delta R.T. -0.00 min
 Lab File: BG032279.D
 Acq: 25 Jan 2018 3:17

Tgt Ion:168 Resp: 572367
 Ion Ratio Lower Upper
 168 100
 139 36.2 28.6 43.0
 169 13.6 11.2 16.8

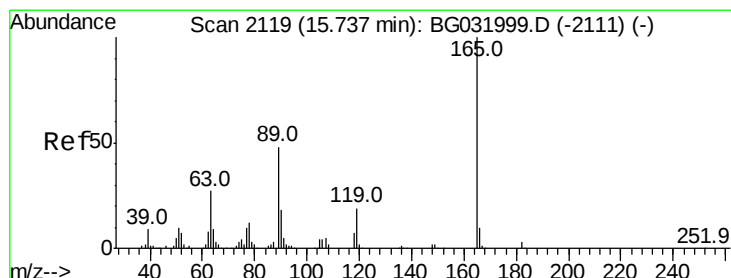
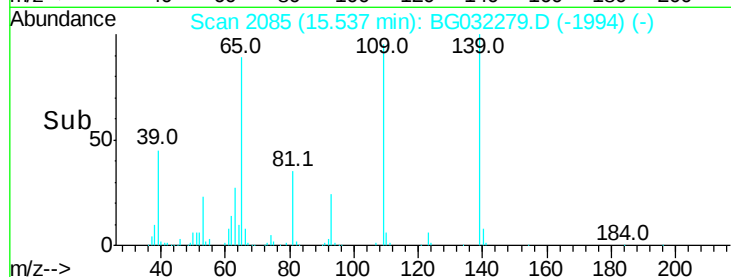
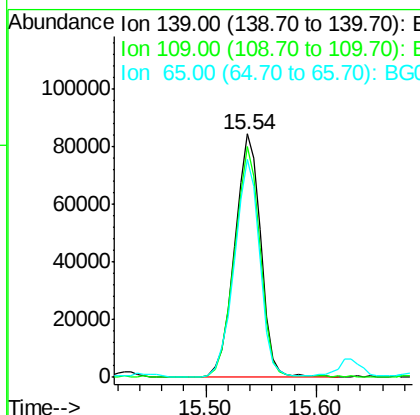
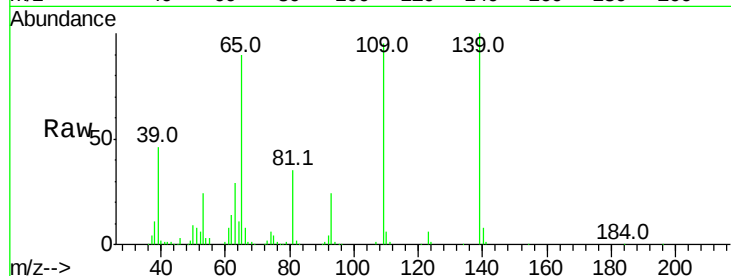




#55
4-Nitrophenol
Concen: 95.503 ng
RT: 15.54 min Scan# 2085
Delta R.T. 0.00 min
Lab File: BG032279.D
Acq: 25 Jan 2018 3:17

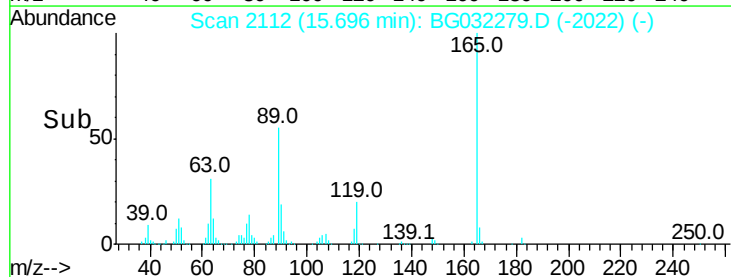
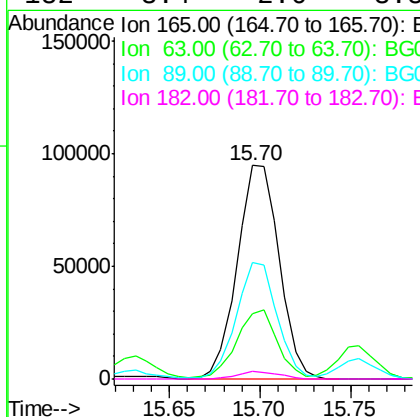
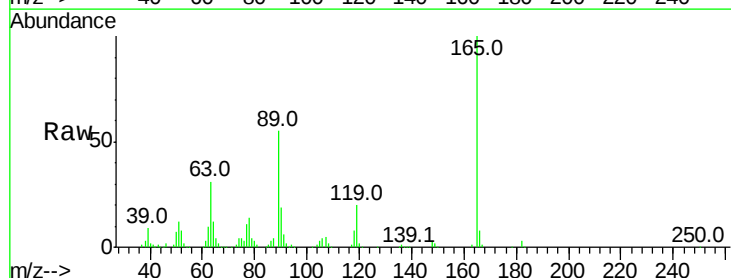
Instrument :
BNA_G
ClientSampleId :

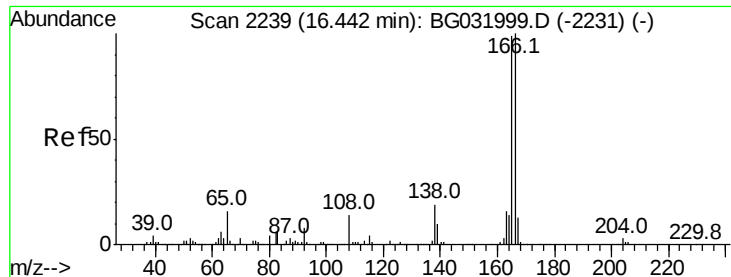
Tot Ion:139 Resp: 140022
Ion Ratio Lower Upper
139 100
109 94.8 62.2 102.2
65 89.7 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 50.755 ng
RT: 15.70 min Scan# 2112
Delta R.T. -0.00 min
Lab File: BG032279.D
Acq: 25 Jan 2018 3:17

Tgt Ion:165 Resp: 152210
Ion Ratio Lower Upper
165 100
63 30.7 42.0 63.0#
89 54.6 66.9 100.3#
182 3.4 2.6 3.8

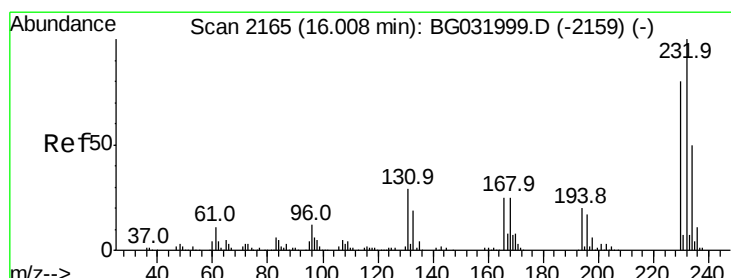
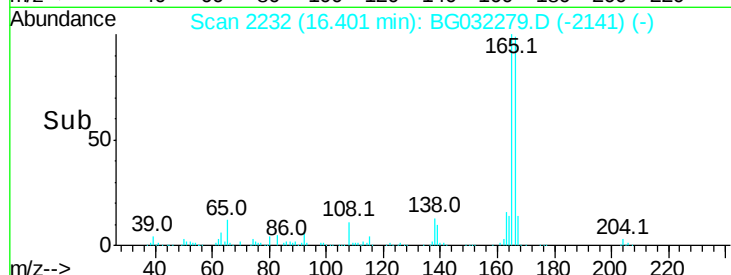
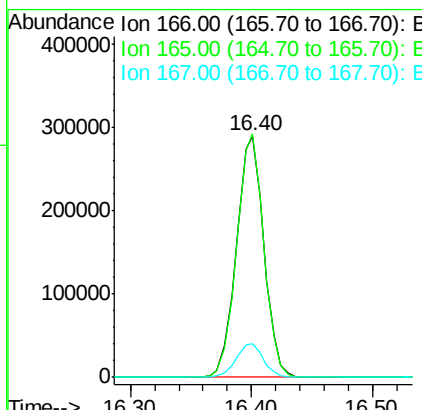
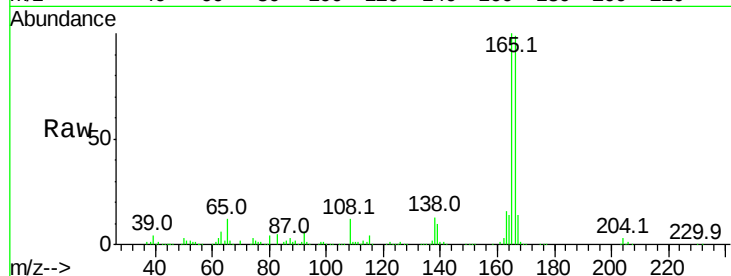




#57
 Fluorene
 Concen: 45.251 ng
 RT: 16.40 min Scan# 2232
 Delta R.T. 0.00 min
 Lab File: BG032279.D
 Acq: 25 Jan 2018 3:17

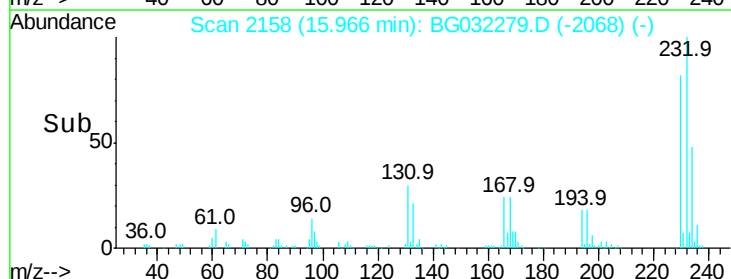
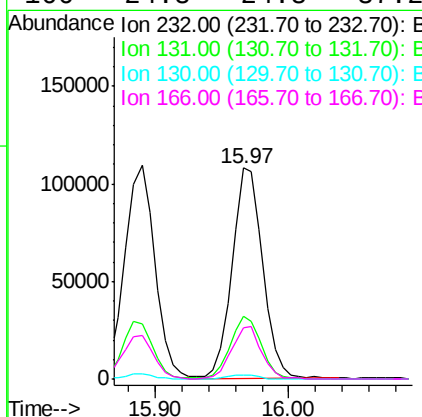
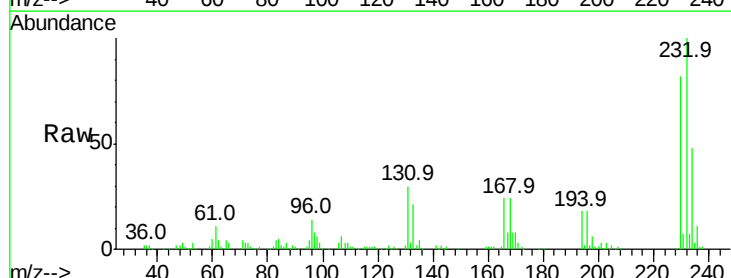
Instrument :
 BNA_G
 ClientSampleId :

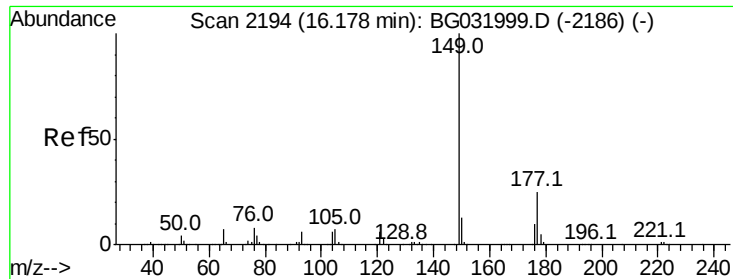
Tot Ion	Ratio	Lower	Upper
166	100		
165	101.0	80.6	121.0
167	14.1	10.4	15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 53.474 ng
 RT: 15.97 min Scan# 2158
 Delta R.T. -0.00 min
 Lab File: BG032279.D
 Acq: 25 Jan 2018 3:17

Tgt Ion	Ratio	Lower	Upper
232	100		
131	29.9	33.5	50.3#
130	2.0	2.2	3.2#
166	24.8	24.8	37.2#

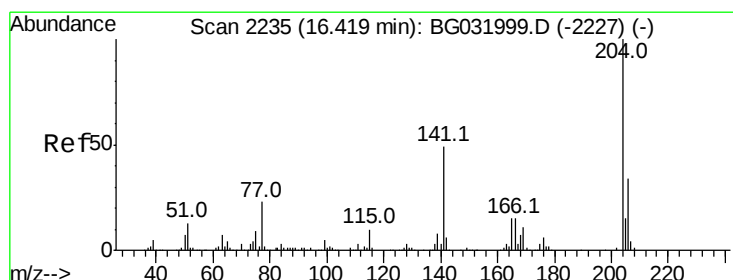
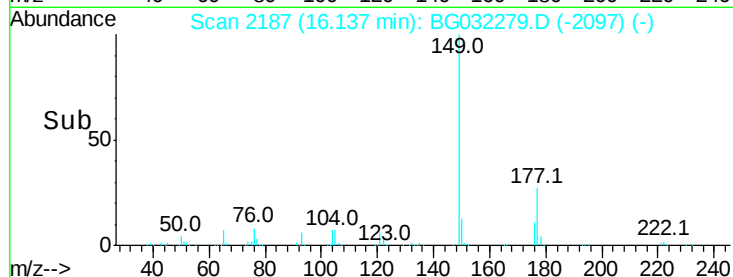
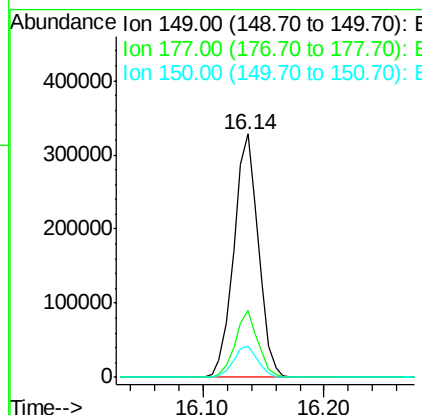
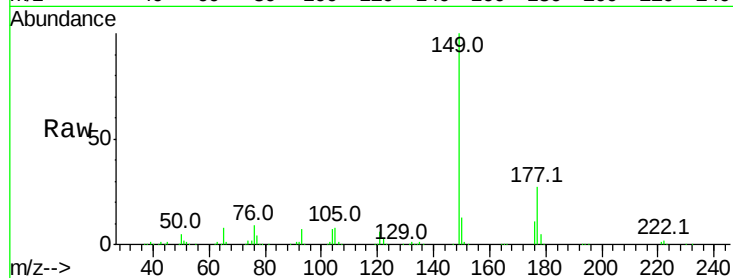




#59
Diethylphthalate
Concen: 44.542 ng
RT: 16.14 min Scan# 2187
Delta R.T. -0.00 min
Lab File: BG032279.D
Acq: 25 Jan 2018 3:17

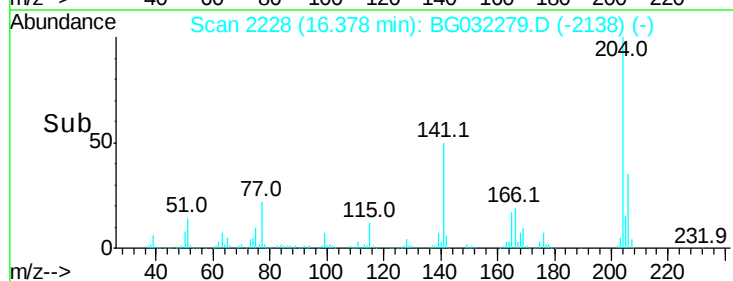
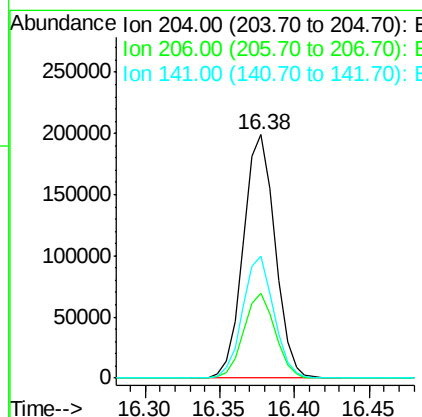
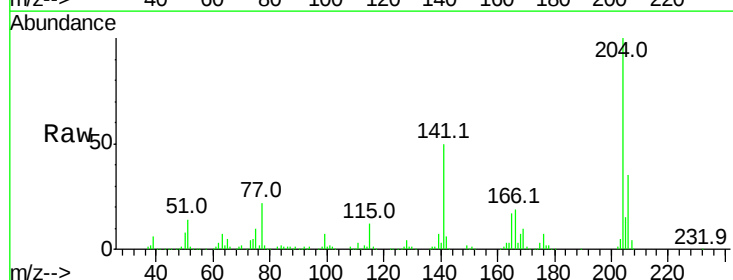
Instrument :
BNA_G
ClientSampleId :

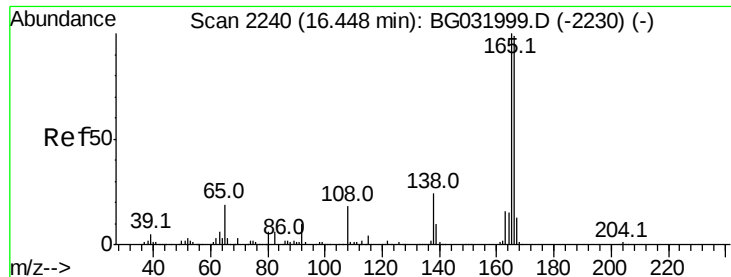
Tot Ion:149 Resp: 463400
Ion Ratio Lower Upper
149 100
177 27.4 18.5 27.7
150 12.6 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 47.315 ng
RT: 16.38 min Scan# 2228
Delta R.T. -0.00 min
Lab File: BG032279.D
Acq: 25 Jan 2018 3:17

Tgt Ion:204 Resp: 292437
Ion Ratio Lower Upper
204 100
206 34.9 26.2 39.2
141 50.3 45.8 68.6





#61

4-Nitroaniline

Concen: 37.282 ng

RT: 16.41 min Scan# 2233

Delta R.T. -0.00 min

Lab File: BG032279.D

Acq: 25 Jan 2018 3:17

Instrument :

BNA_G

ClientSampleId :

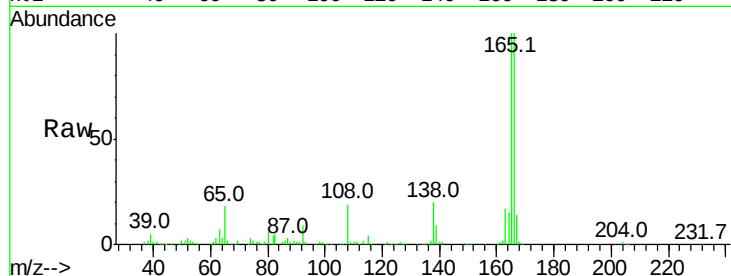
Tot Ion:138 Resp: 71949

Ion Ratio Lower Upper

138 100

92 45.9 40.1 80.1

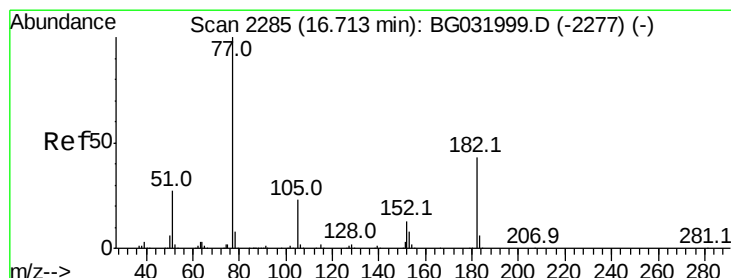
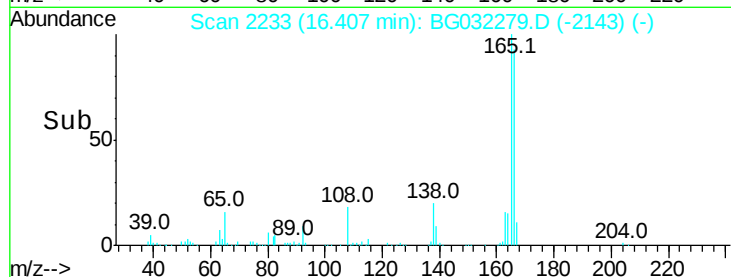
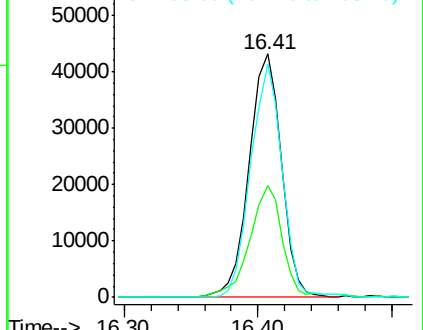
108 96.1 65.4 105.4



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: 46.326 ng

RT: 16.67 min Scan# 2278

Delta R.T. 0.00 min

Lab File: BG032279.D

Acq: 25 Jan 2018 3:17

Tgt Ion: 77 Resp: 301665

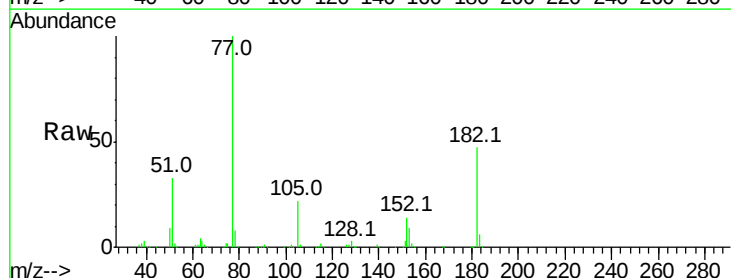
Ion Ratio Lower Upper

77 100

182 47.3 7.4 47.4

105 22.5 0.3 40.3

51 32.9 11.6 51.6

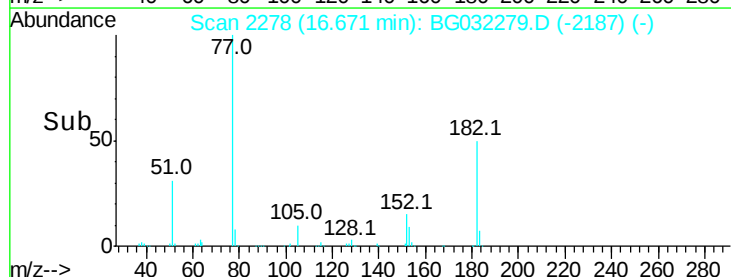
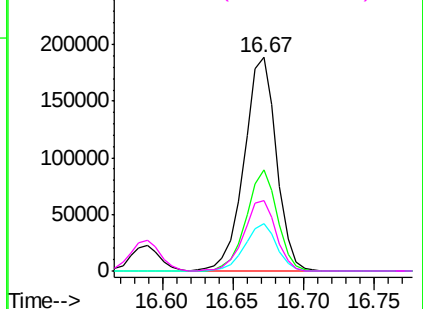


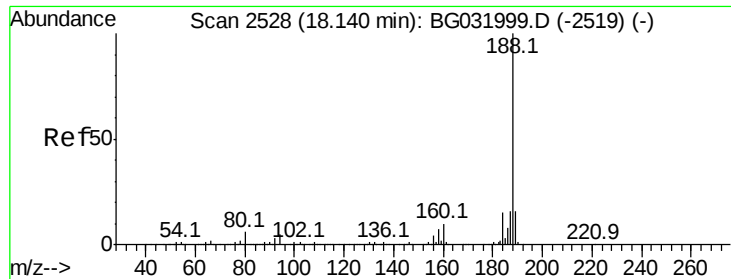
Abundance Ion 77.00 (76.70 to 77.70): BGC

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

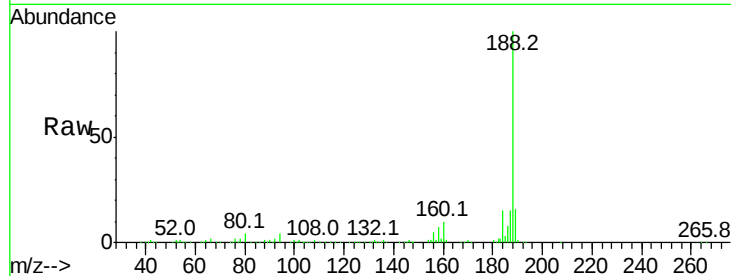




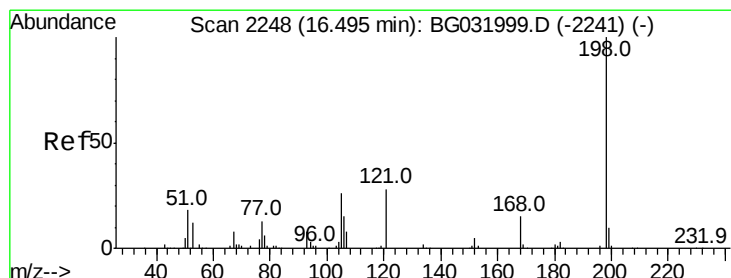
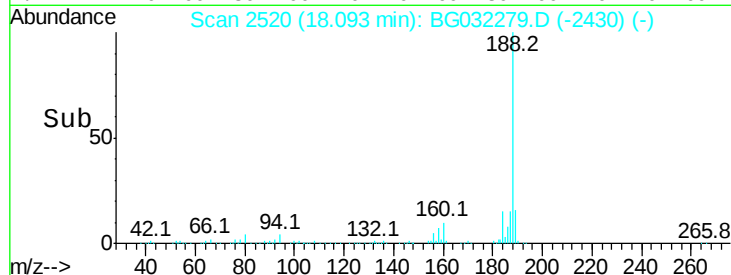
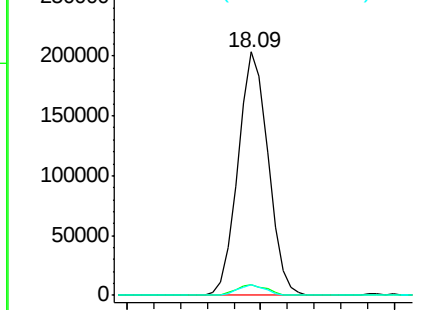
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2520
Delta R.T. -0.00 min
Lab File: BG032279.D
Acq: 25 Jan 2018 3:17

Instrument :
BNA_G
ClientSampled :

Tot Ion:188 Resp: 317543
Ion Ratio Lower Upper
188 100
94 4.4 6.9 10.3#
80 4.4 7.7 11.5#

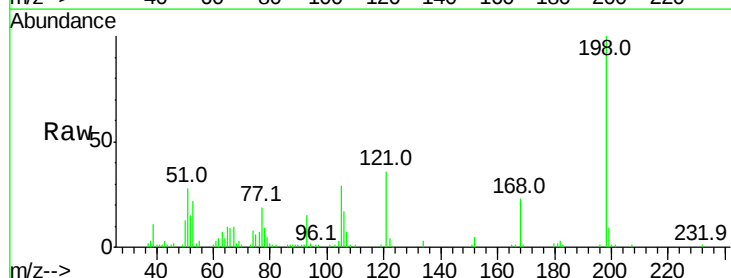


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

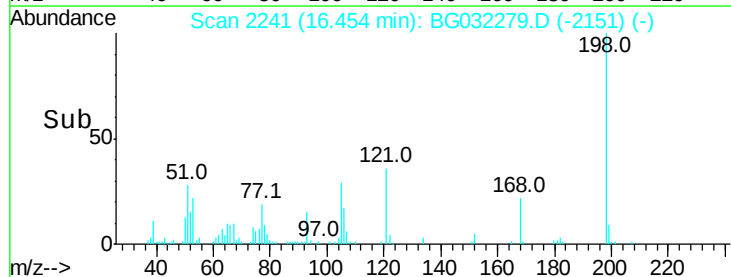
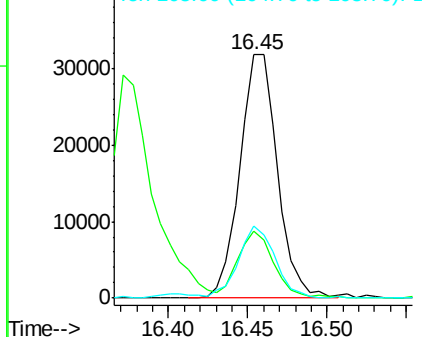


#64
4,6-Dinitro-2-methylphenol
Concen: 28.002 ng
RT: 16.45 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BG032279.D
Acq: 25 Jan 2018 3:17

Tgt Ion:198 Resp: 52309
Ion Ratio Lower Upper
198 100
51 27.7 30.6 70.6#
105 29.5 23.8 63.8



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 44.237 ng

RT: 16.59 min Scan# 2264

Delta R.T. -0.00 min

Lab File: BG032279.D

Acq: 25 Jan 2018 3:17

Instrument :

BNA_G

ClientSampleId :

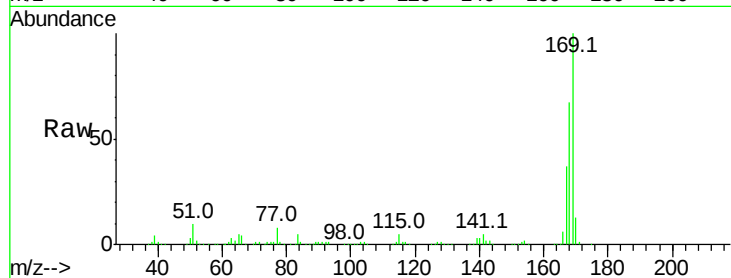
Tot Ion:169 Resp: 426248

Ion Ratio Lower Upper

169 100

168 67.4 55.7 83.5

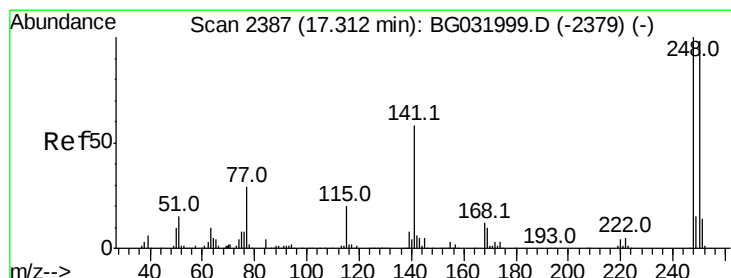
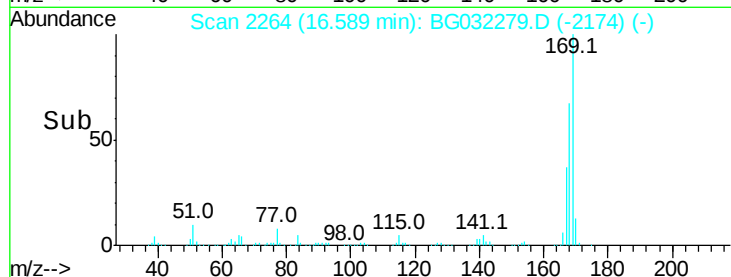
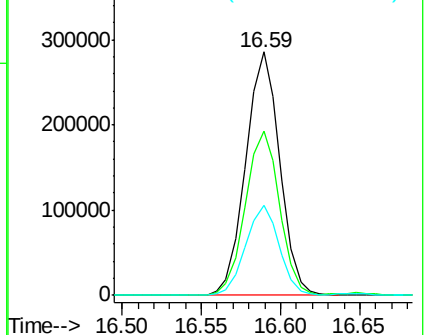
167 36.8 30.1 45.1



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: 46.862 ng

RT: 17.27 min Scan# 2380

Delta R.T. 0.00 min

Lab File: BG032279.D

Acq: 25 Jan 2018 3:17

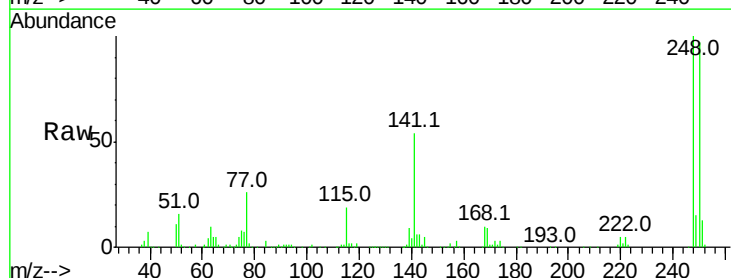
Tgt Ion:248 Resp: 211724

Ion Ratio Lower Upper

248 100

250 96.9 77.1 115.7

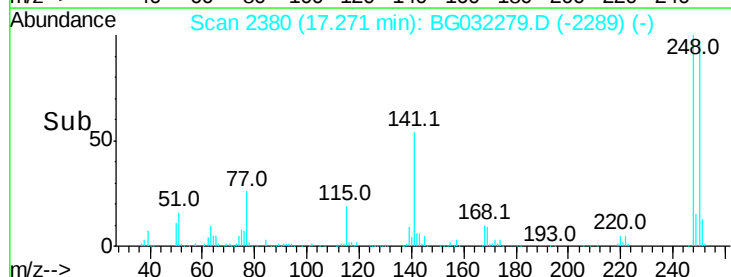
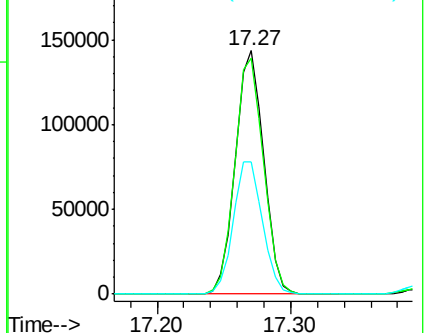
141 54.4 50.8 76.2

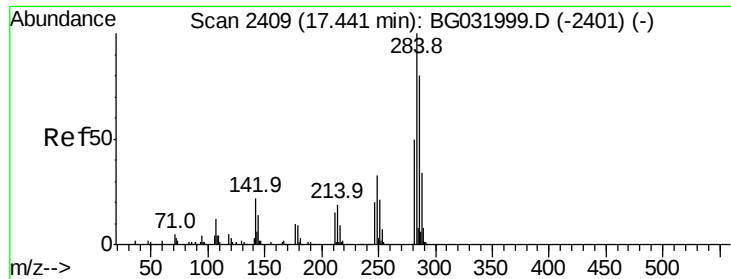


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

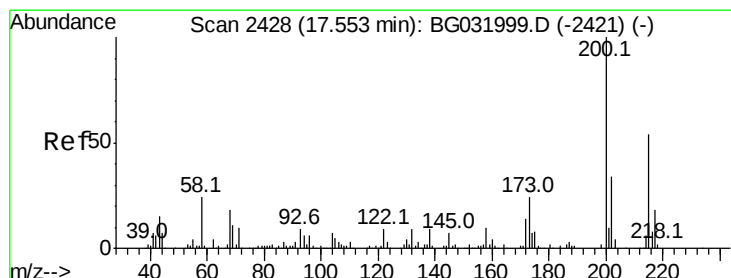
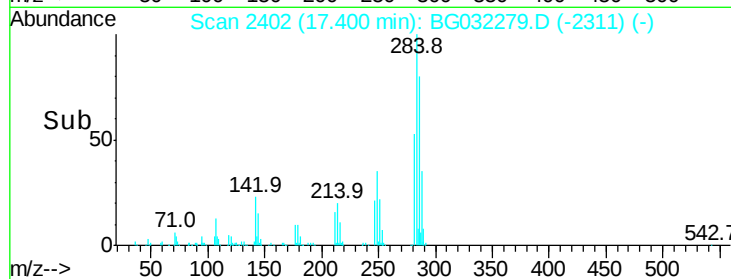
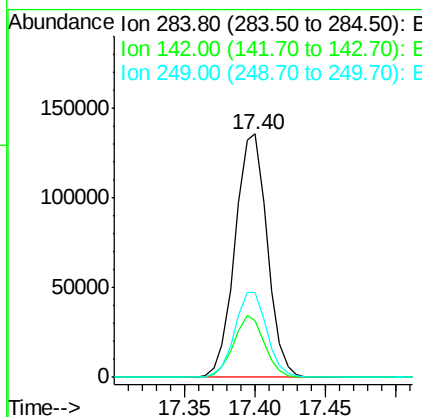
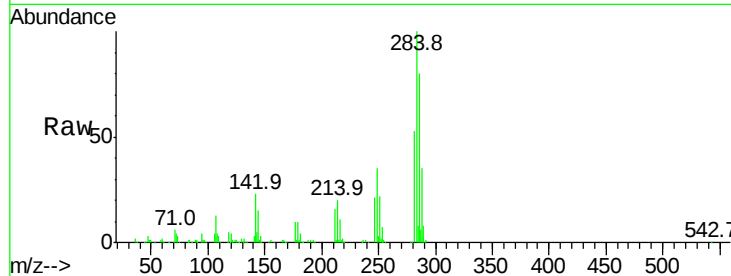




#67
 Hexachlorobenzene
 Concen: 43.063 ng
 RT: 17.40 min Scan# 2402
 Delta R.T. 0.00 min
 Lab File: BG032279.D
 Acq: 25 Jan 2018 3:17

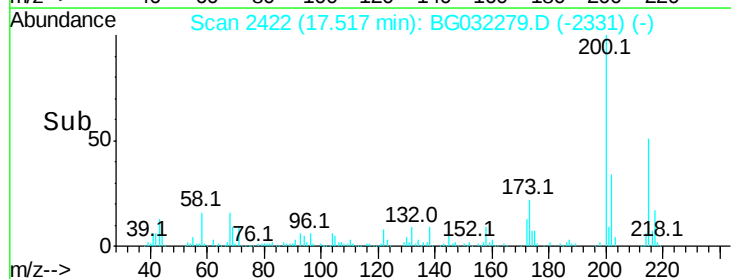
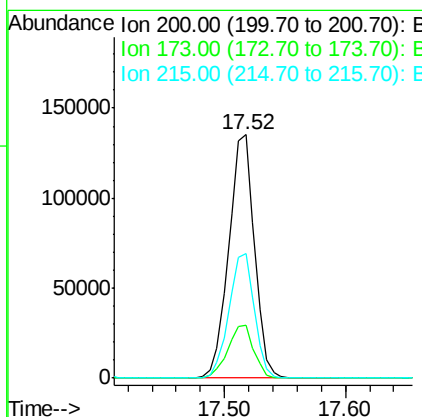
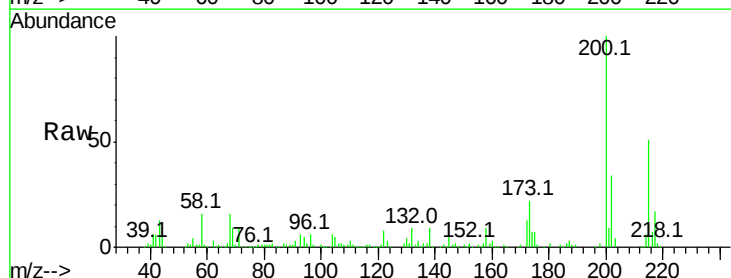
Instrument :
 BNA_G
 ClientSampleId :

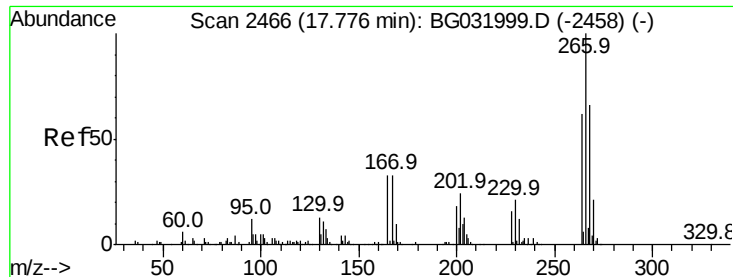
Tot Ion	Ratio	Lower	Upper
284	100		
142	23.4	26.8	40.2#
249	34.9	26.3	39.5



#68
 Atrazine
 Concen: 49.363 ng
 RT: 17.52 min Scan# 2422
 Delta R.T. 0.00 min
 Lab File: BG032279.D
 Acq: 25 Jan 2018 3:17

Tgt Ion	Ratio	Lower	Upper
200	100		
173	21.9	5.2	45.2
215	51.1	30.4	70.4





#69

Pentachlorophenol

Concen: 75.729 ng

RT: 17.73 min Scan# 2459

Delta R.T. -0.00 min

Lab File: BG032279.D

Acq: 25 Jan 2018 3:17

Instrument :

BNA_G

ClientSampled :

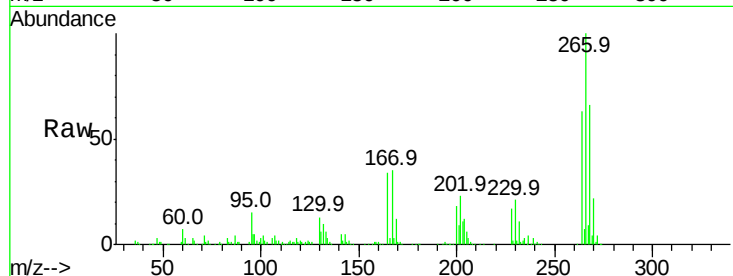
Tot Ion:266 Resp: 241953

Ion Ratio Lower Upper

266 100

268 65.6 51.1 76.7

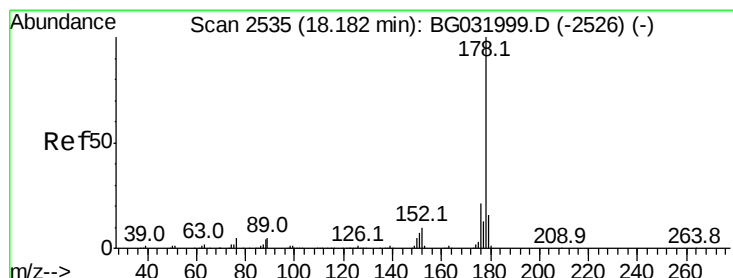
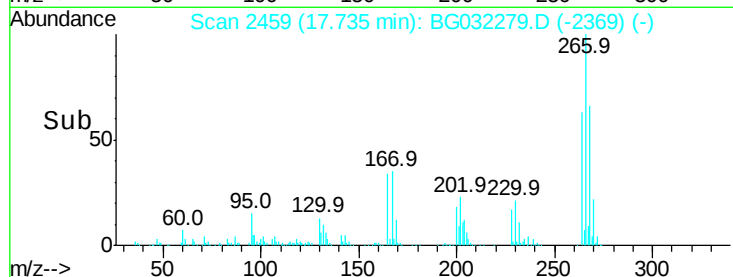
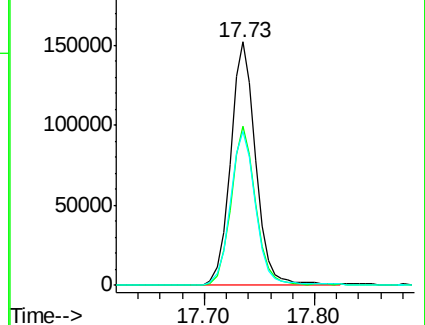
264 63.4 49.6 74.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 44.492 ng

RT: 18.14 min Scan# 2528

Delta R.T. 0.00 min

Lab File: BG032279.D

Acq: 25 Jan 2018 3:17

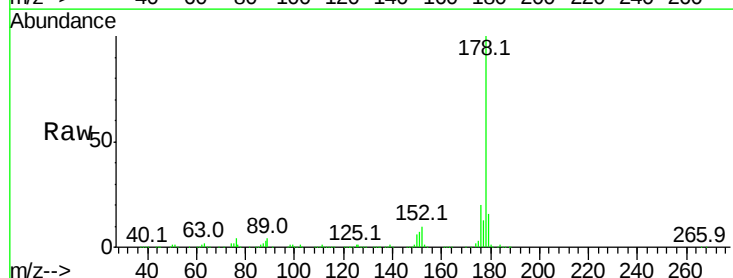
Tgt Ion:178 Resp: 786605

Ion Ratio Lower Upper

178 100

176 19.8 15.7 23.5

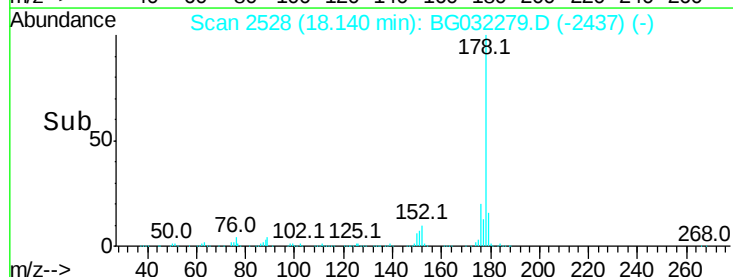
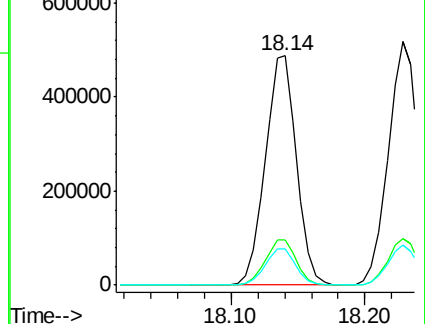
179 16.1 12.5 18.7

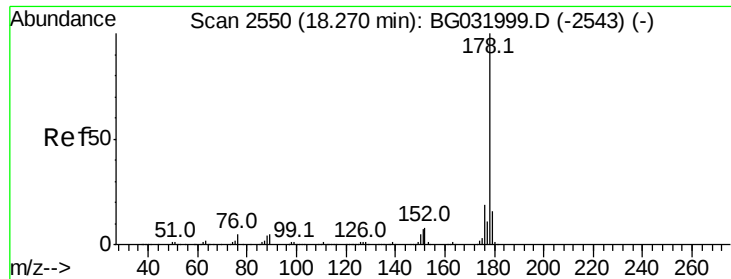


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

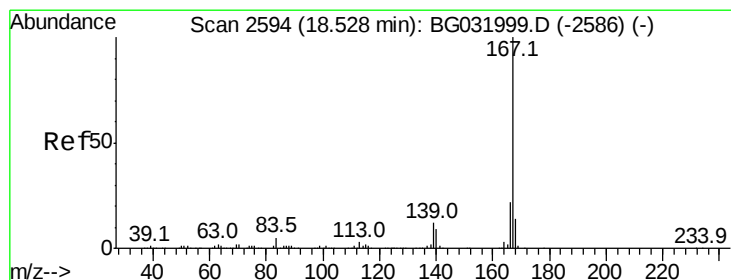
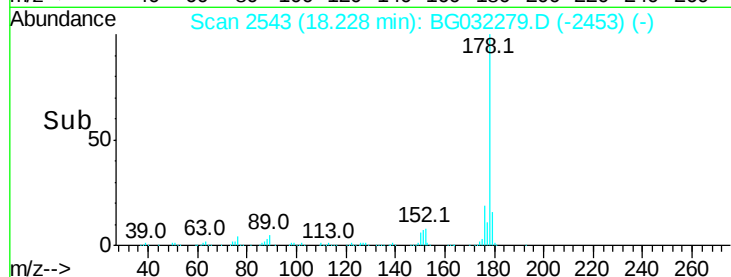
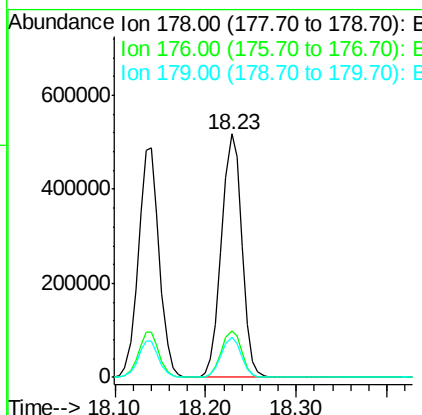
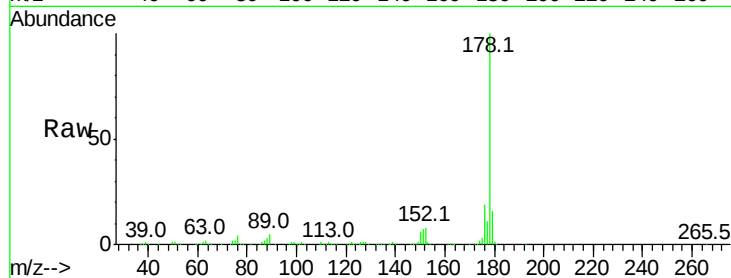




#71
 Anthracene
 Concen: 45.736 ng
 RT: 18.23 min Scan# 2543
 Delta R.T. -0.00 min
 Lab File: BG032279.D
 Acq: 25 Jan 2018 3:17

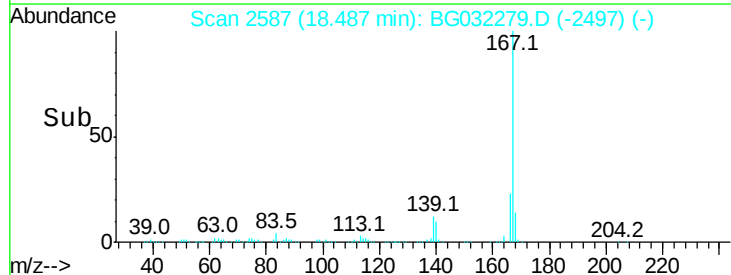
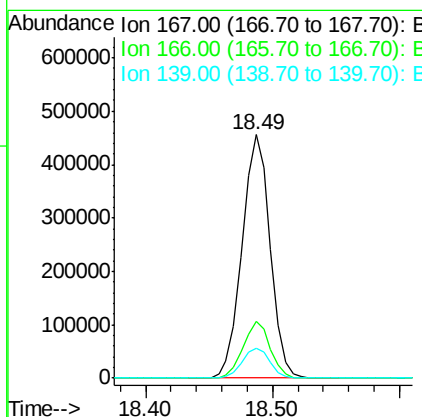
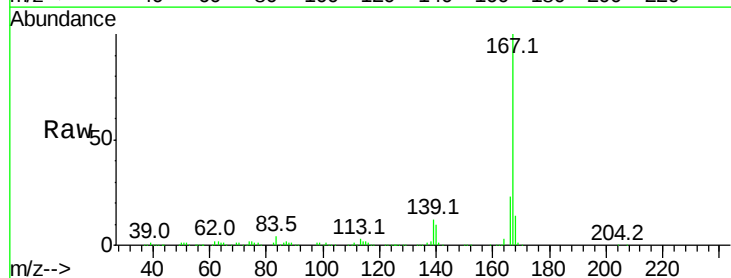
Instrument :
 BNA_G
 ClientSampleId :

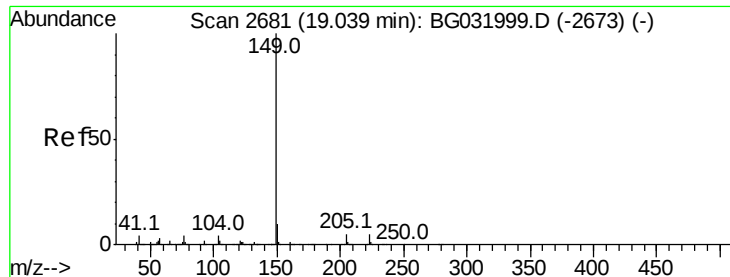
Tot Ion:178 Resp: 806473
 Ion Ratio Lower Upper
 178 100
 176 18.9 16.0 24.0
 179 16.3 12.5 18.7



#72
 Carbazole
 Concen: 45.514 ng
 RT: 18.49 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: BG032279.D
 Acq: 25 Jan 2018 3:17

Tgt Ion:167 Resp: 696217
 Ion Ratio Lower Upper
 167 100
 166 23.4 18.2 27.4
 139 12.0 9.4 14.2

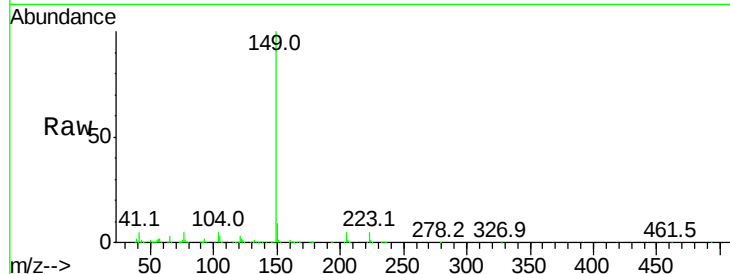




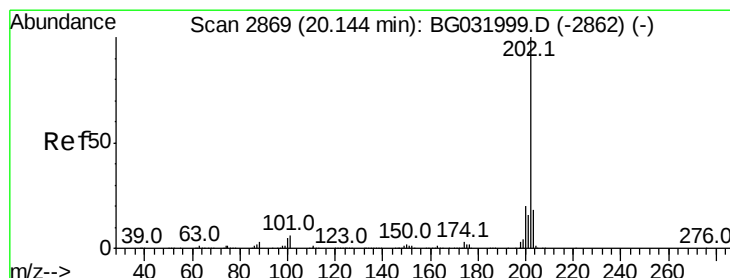
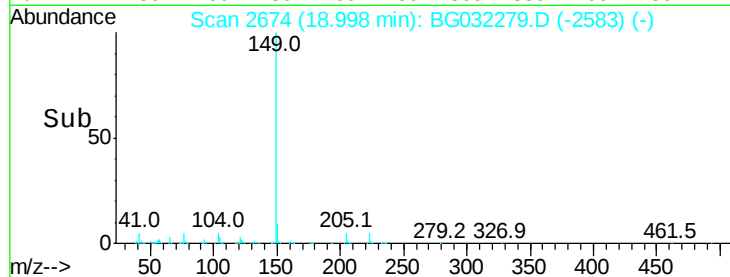
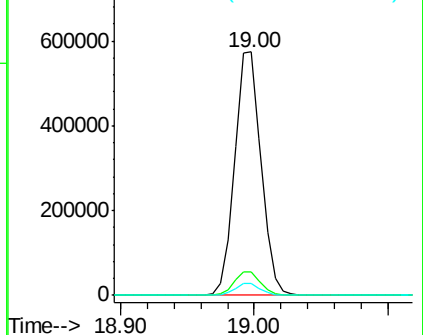
#73
Di-n-butylphthalate
Concen: 43.643 ng
RT: 19.00 min Scan# 2674
Delta R.T. 0.00 min
Lab File: BG032279.D
Acq: 25 Jan 2018 3:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.6
104	5.0	3.9	5.9

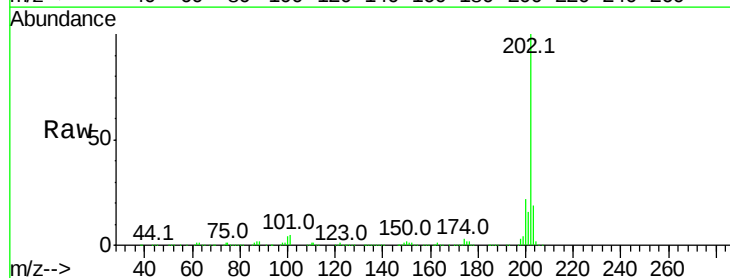


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

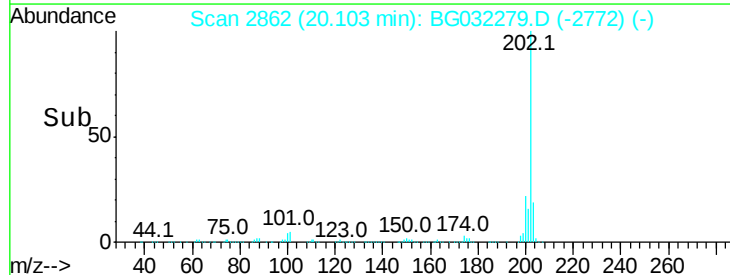
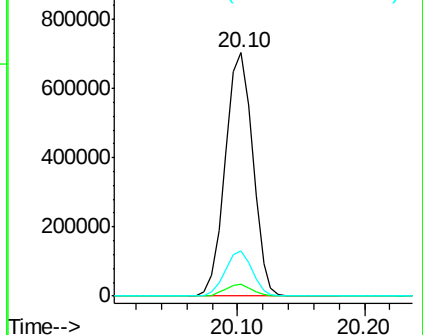


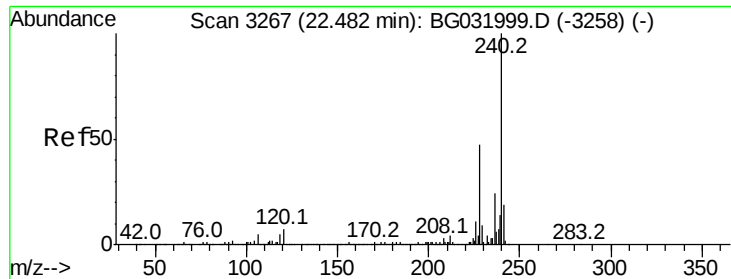
#74
Fluoranthene
Concen: 47.590 ng
RT: 20.10 min Scan# 2862
Delta R.T. -0.00 min
Lab File: BG032279.D
Acq: 25 Jan 2018 3:17

Tgt Ion	Ratio	Lower	Upper
202	100		
101	4.8	0.0	28.9
203	18.6	0.0	37.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.43 min Scan# 3258

Delta R.T. 0.00 min

Lab File: BG032279.D

Acq: 25 Jan 2018 3:17

Instrument :

BNA_G

ClientSampleId :

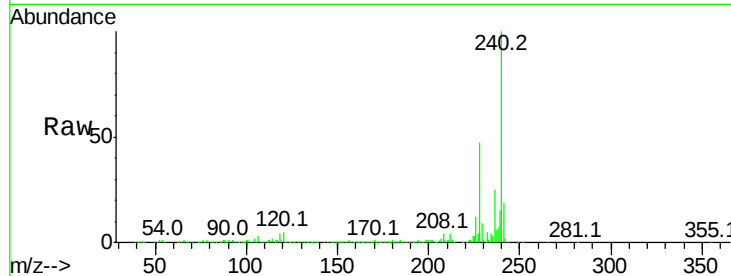
Tot Ion:240 Resp: 403248

Ion Ratio Lower Upper

240 100

120 4.6 6.8 10.2#

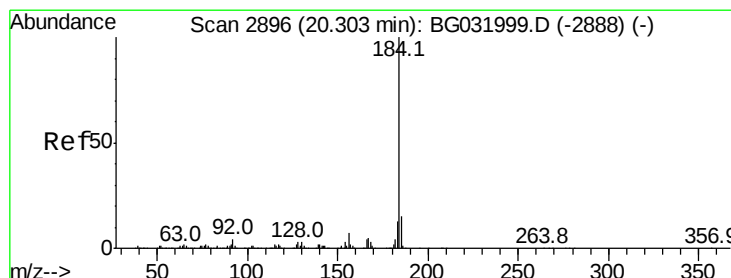
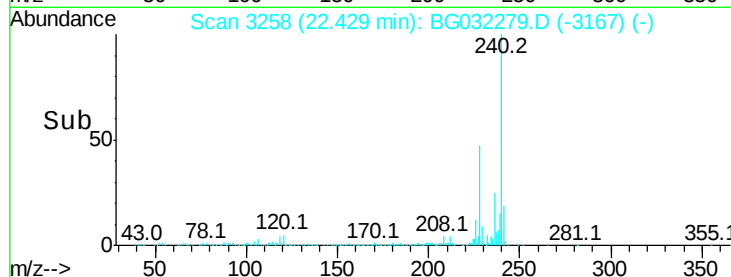
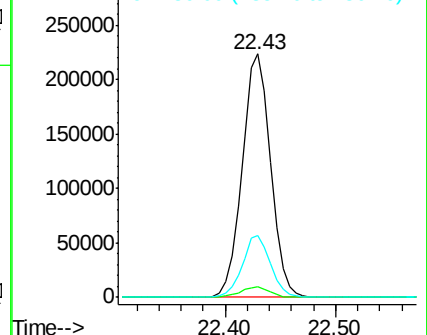
236 25.4 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 7.516 ng

RT: 20.26 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BG032279.D

Acq: 25 Jan 2018 3:17

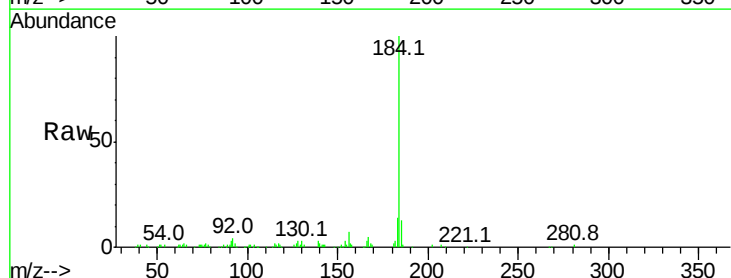
Tgt Ion:184 Resp: 75788

Ion Ratio Lower Upper

184 100

185 12.6 11.1 16.7

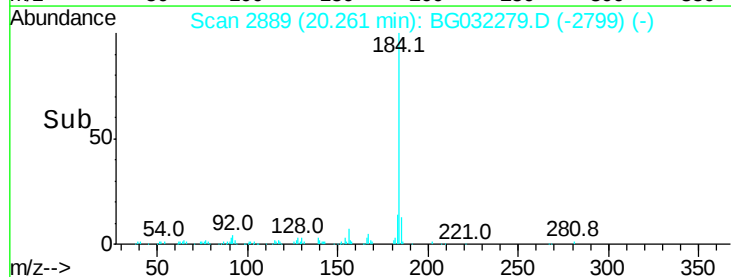
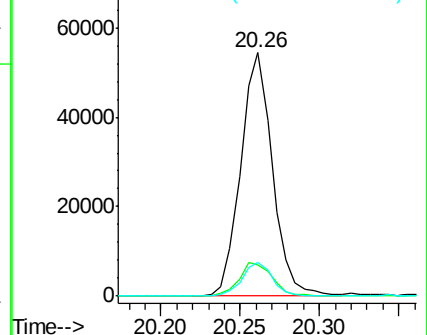
183 13.8 10.6 16.0

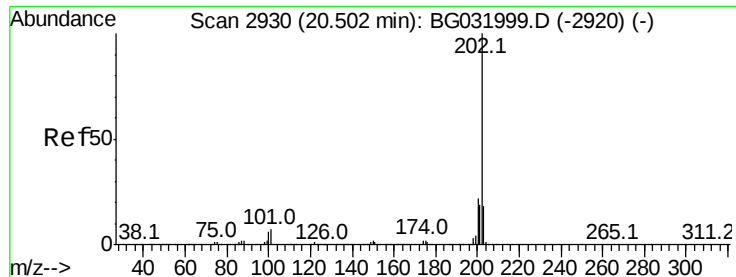


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 42.140 ng

RT: 20.46 min Scan# 2923

Delta R.T. -0.00 min

Lab File: BG032279.D

Acq: 25 Jan 2018 3:17

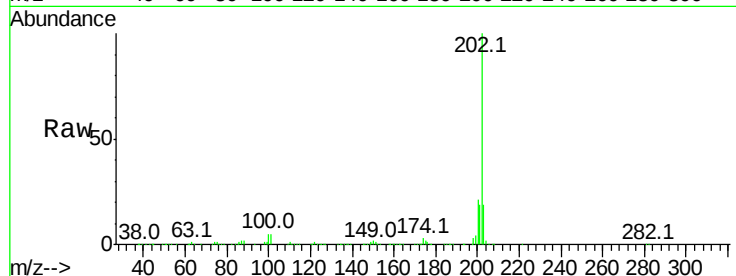
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1068235

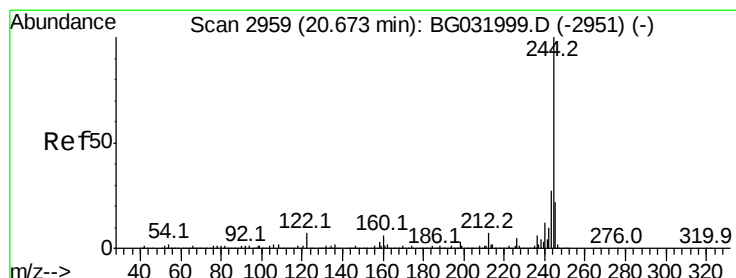
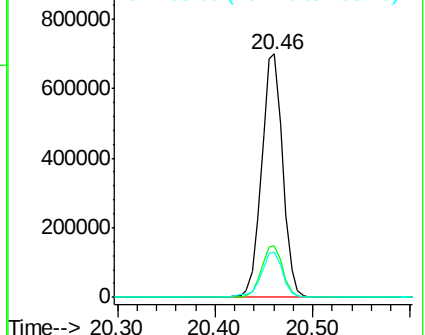
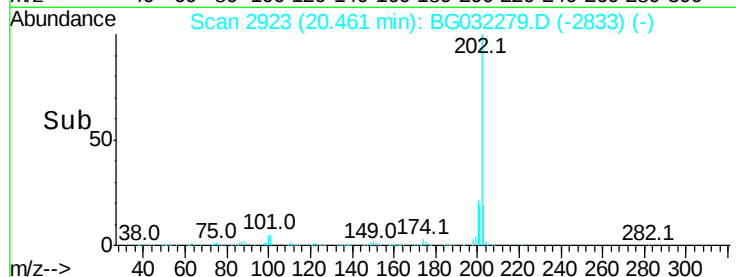
Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	18.5	13.9	20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 95.206 ng

RT: 20.63 min Scan# 2952

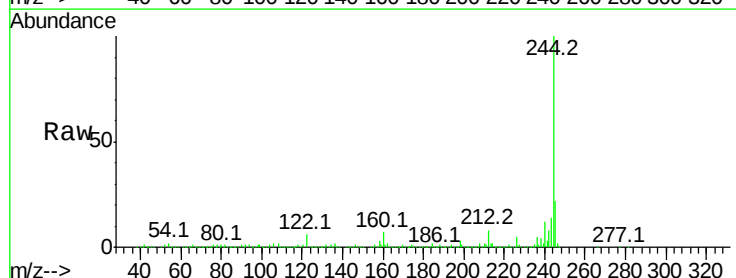
Delta R.T. -0.00 min

Lab File: BG032279.D

Acq: 25 Jan 2018 3:17

Tgt Ion:244 Resp: 1738713

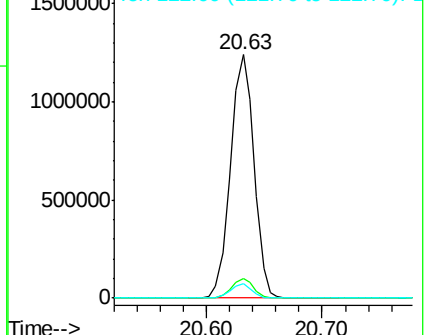
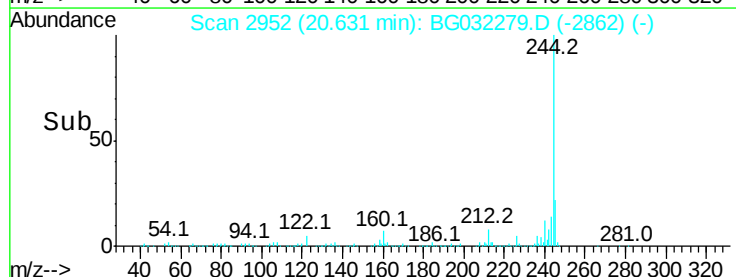
Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.8
122	5.8	7.0	10.4#

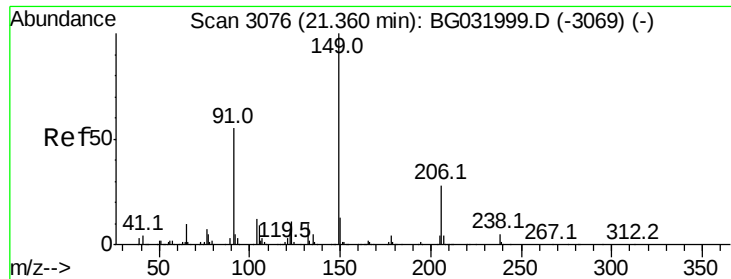


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

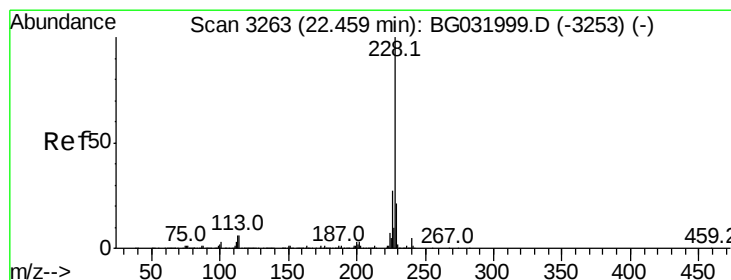
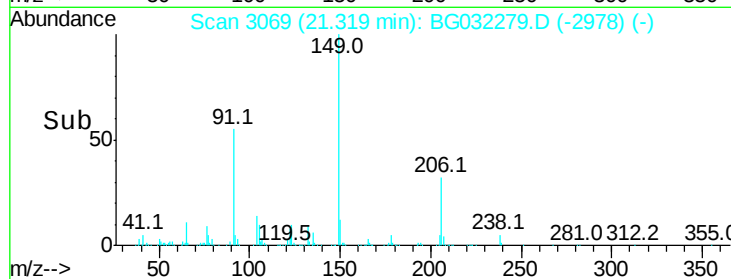
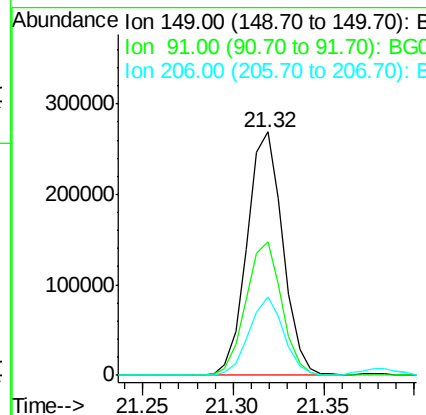
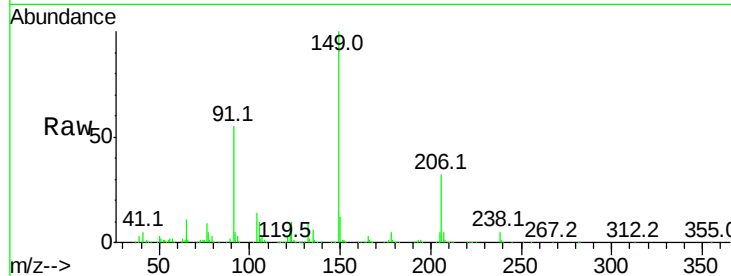




#79
Butylbenzylphthalate
Concen: 40.453 ng
RT: 21.32 min Scan# 3069
Delta R.T. 0.00 min
Lab File: BG032279.D
Acq: 25 Jan 2018 3:17

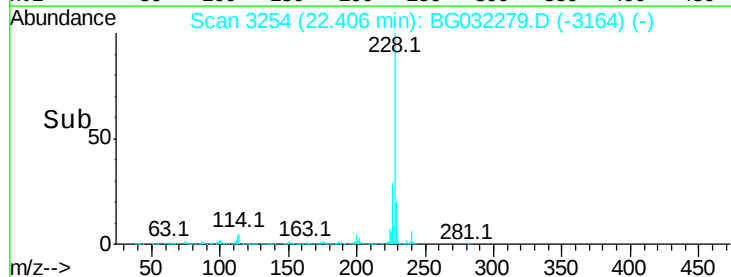
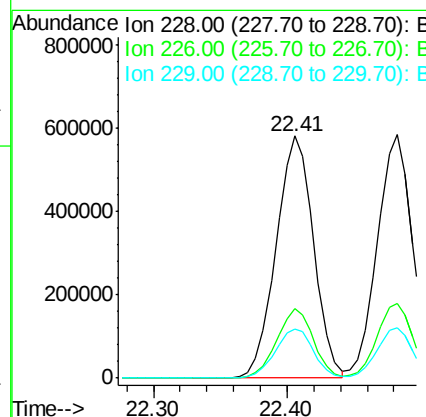
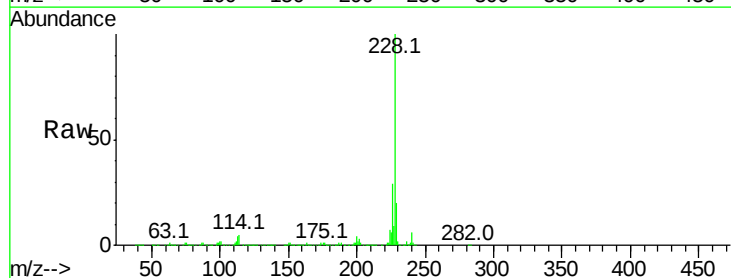
Instrument :
BNA_G
ClientSampleId :

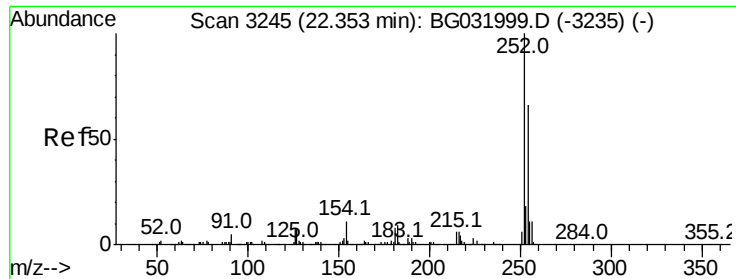
Tot Ion:149 Resp: 367411
Ion Ratio Lower Upper
149 100
91 55.0 62.2 93.2#
206 32.3 18.6 27.8#



#80
Benzo(a)anthracene
Concen: 45.195 ng
RT: 22.41 min Scan# 3254
Delta R.T. -0.00 min
Lab File: BG032279.D
Acq: 25 Jan 2018 3:17

Tgt Ion:228 Resp: 1133400
Ion Ratio Lower Upper
228 100
226 28.8 22.7 34.1
229 20.4 16.2 24.2

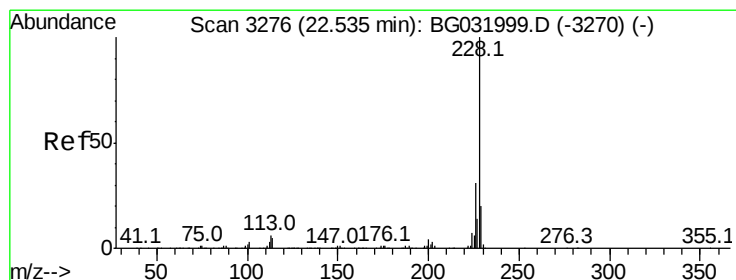
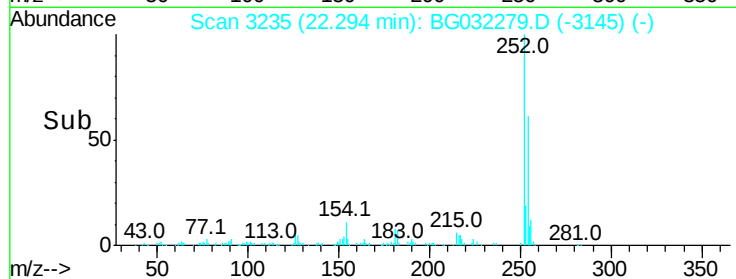
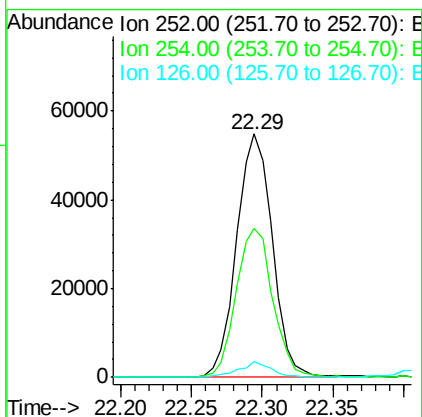
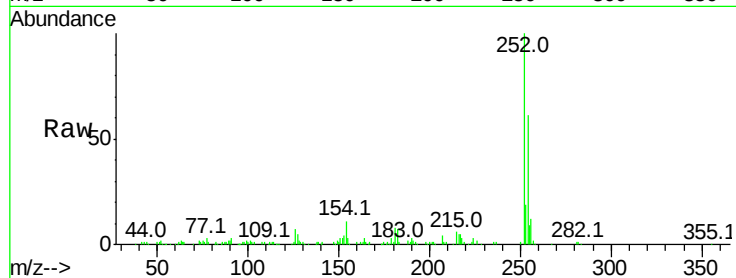




#81
 3,3'-Dichlorobenzidine
 Concen: 10.381 ng
 RT: 22.29 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: BG032279.D
 Acq: 25 Jan 2018 3:17

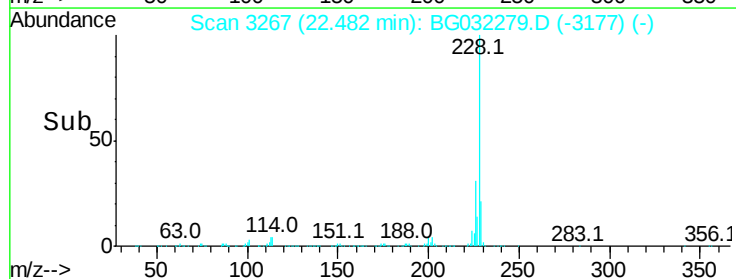
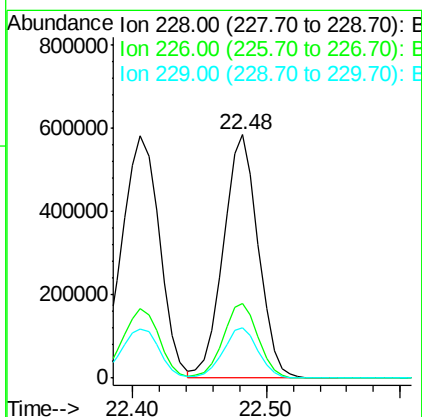
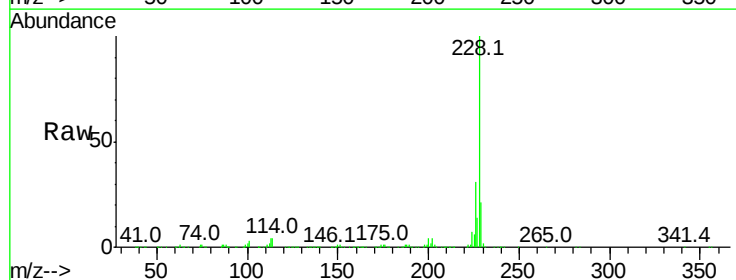
Instrument :
 BNA_G
 ClientSampleId :

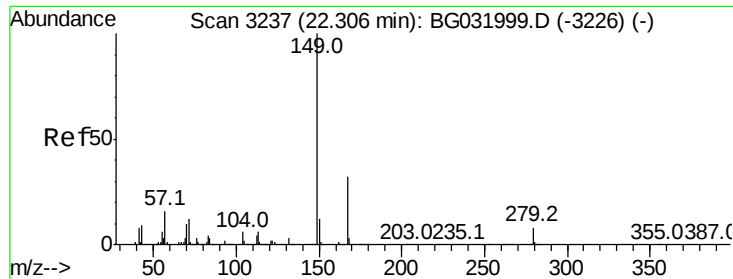
Tot Ion:252 Resp: 97253
 Ion Ratio Lower Upper
 252 100
 254 61.4 50.8 76.2
 126 6.5 7.4 11.2#



#82
 Chrysene
 Concen: 44.198 ng
 RT: 22.48 min Scan# 3267
 Delta R.T. -0.00 min
 Lab File: BG032279.D
 Acq: 25 Jan 2018 3:17

Tgt Ion:228 Resp: 1064469
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.9 37.3
 229 20.7 15.0 22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.663 ng

RT: 22.25 min Scan# 3227

Delta R.T. -0.00 min

Lab File: BG032279.D

Acq: 25 Jan 2018 3:17

Instrument :

BNA_G

ClientSampleId :

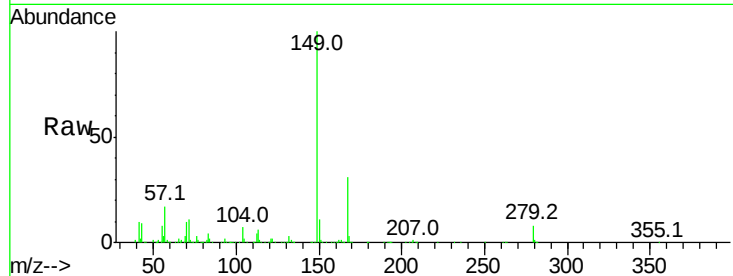
Tot Ion:149 Resp: 514942

Ion Ratio Lower Upper

149 100

167 31.4 24.3 36.5

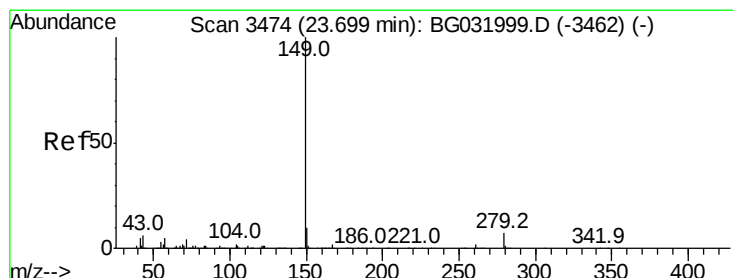
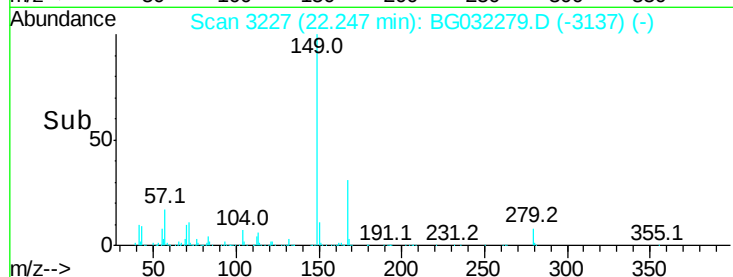
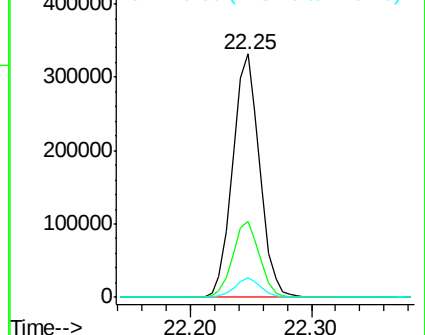
279 7.9 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.055 ng

RT: 23.62 min Scan# 3461

Delta R.T. 0.00 min

Lab File: BG032279.D

Acq: 25 Jan 2018 3:17

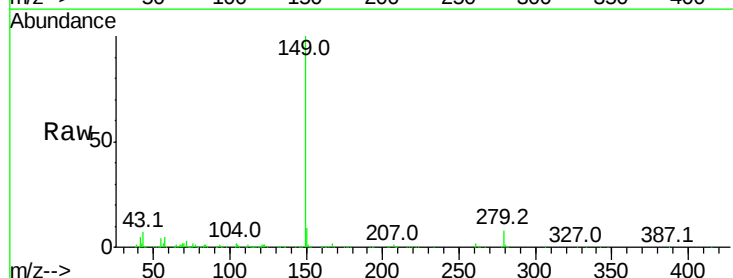
Tgt Ion:149 Resp: 889593

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

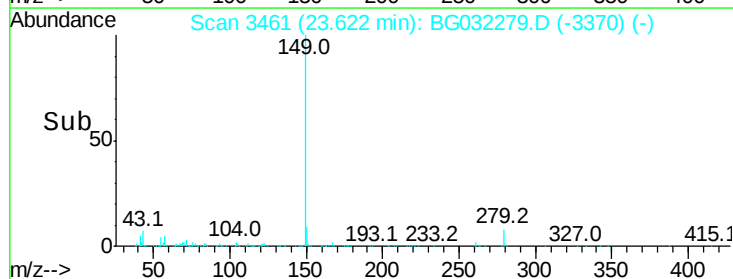
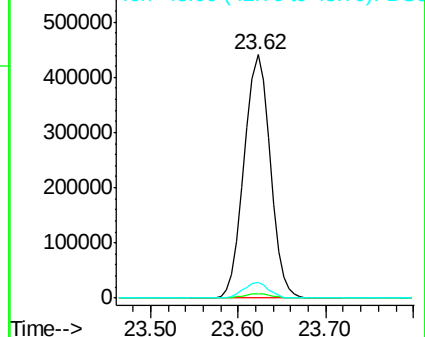
43 6.2 8.9 13.3#

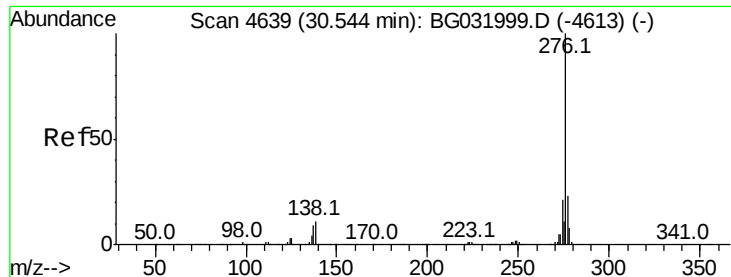


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGO



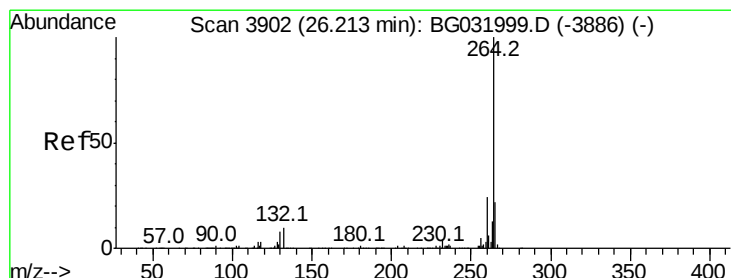
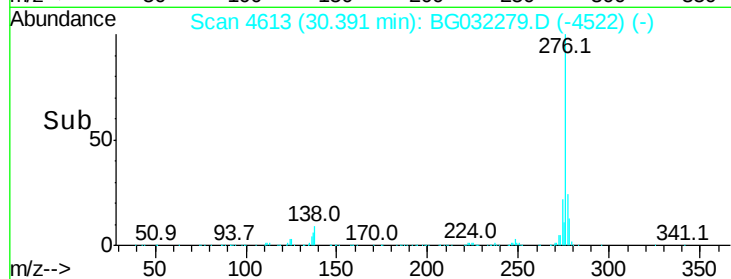
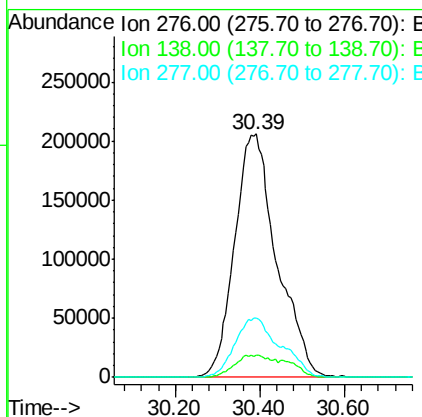
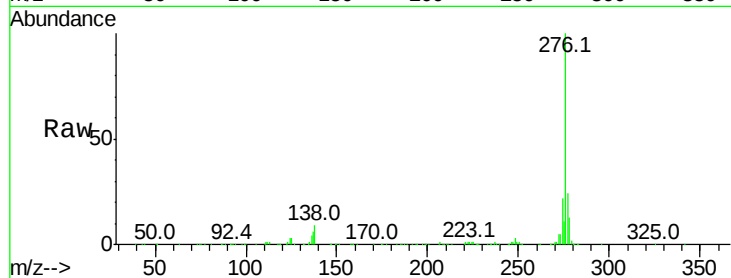


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.382 ng
 RT: 30.39 min Scan# 4613
 Delta R.T. 0.00 min
 Lab File: BG032279.D
 Acq: 25 Jan 2018 3:17

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion:276 Resp: 1426029

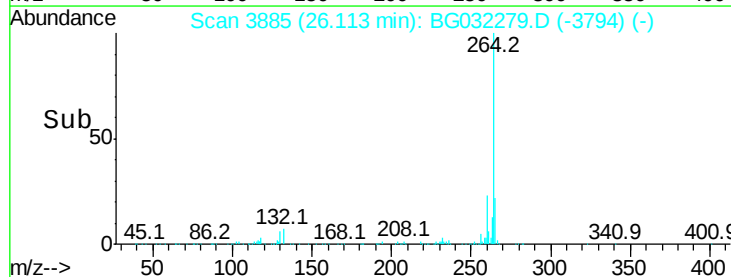
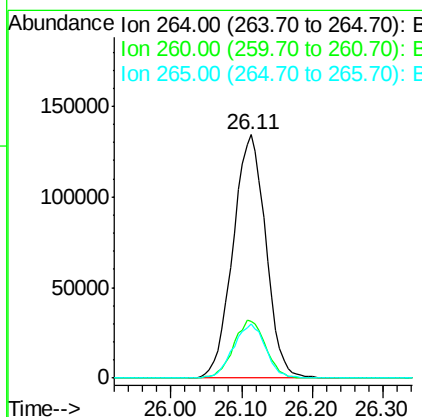
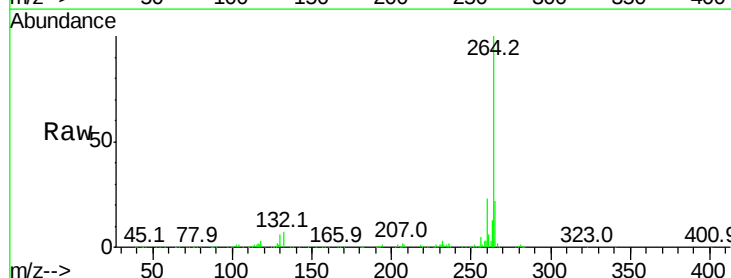
Ion	Ratio	Lower	Upper
276	100		
138	7.5	16.0	24.0#
277	26.2	20.0	30.0

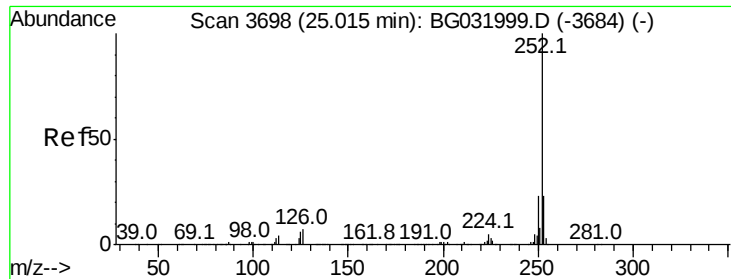


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.11 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: BG032279.D
 Acq: 25 Jan 2018 3:17

Tgt Ion:264 Resp: 433714

Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	22.0	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 46.886 ng

RT: 24.93 min Scan# 3684

Delta R.T. -0.00 min

Lab File: BG032279.D

Acq: 25 Jan 2018 3:17

Instrument :

BNA_G

ClientSampled :

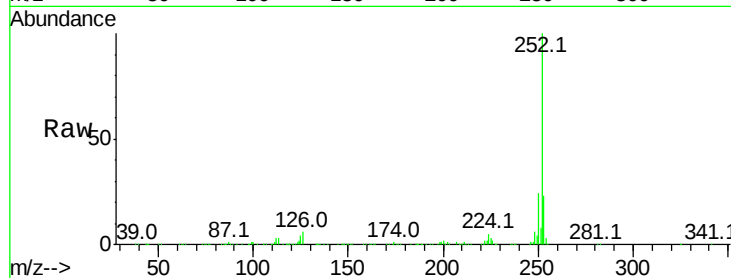
Tot Ion:252 Resp: 1229140

Ion Ratio Lower Upper

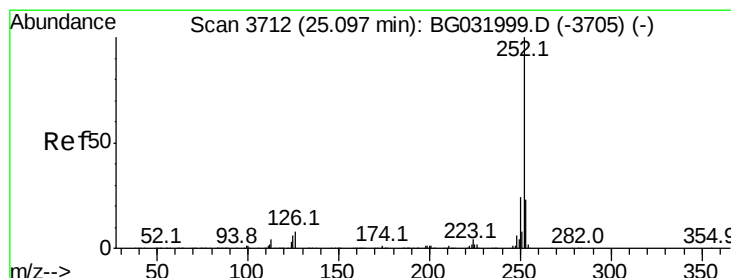
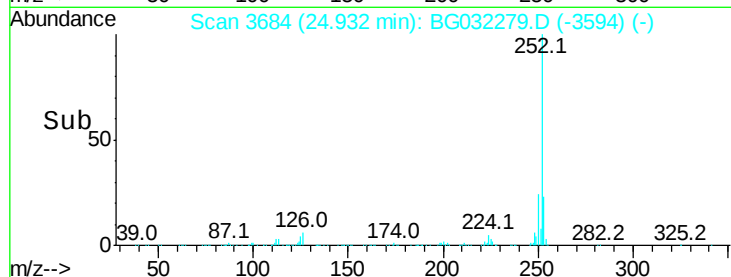
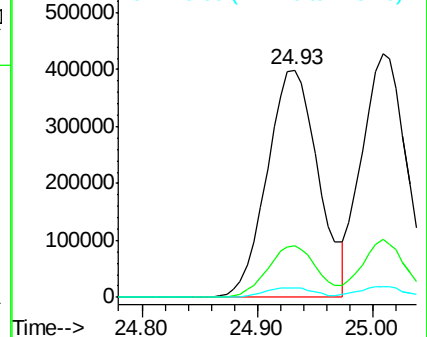
252 100

253 22.7 18.2 27.4

125 4.4 7.2 10.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 44.850 ng

RT: 25.01 min Scan# 3697

Delta R.T. -0.00 min

Lab File: BG032279.D

Acq: 25 Jan 2018 3:17

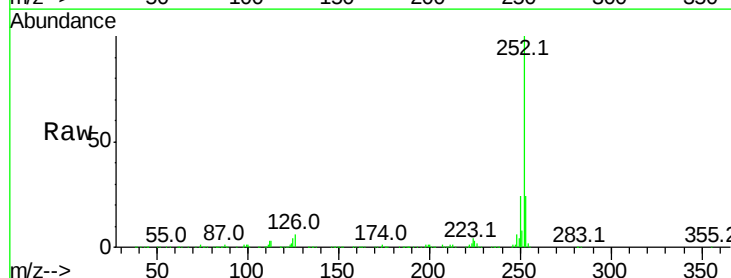
Tgt Ion:252 Resp: 1148922

Ion Ratio Lower Upper

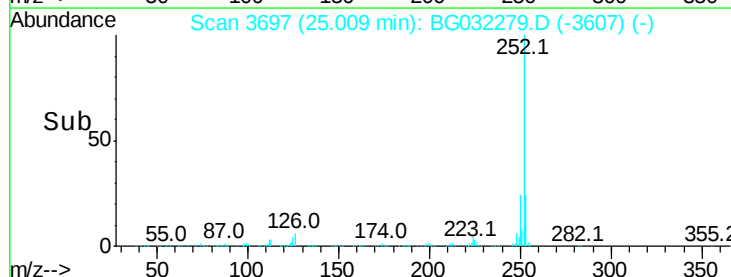
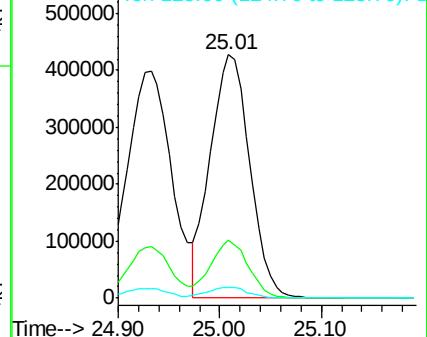
252 100

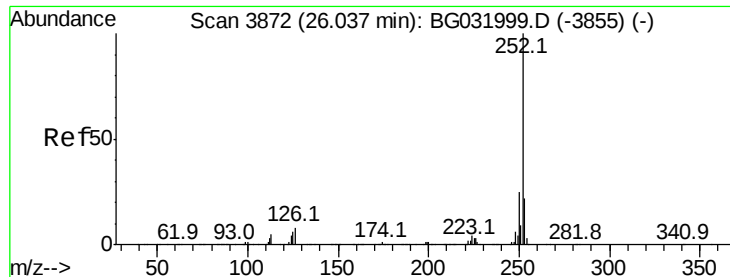
253 23.7 17.4 26.2

125 4.3 6.6 9.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 47.184 ng

RT: 25.94 min Scan# 3856

Delta R.T. 0.00 min

Lab File: BG032279.D

Acq: 25 Jan 2018 3:17

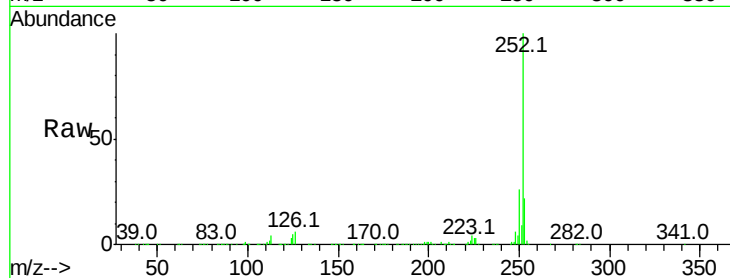
Instrument :

BNA_G

ClientSampleId :

Tot Ion:252 Resp: 1170123

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.3	27.5
125	4.7	7.3	10.9

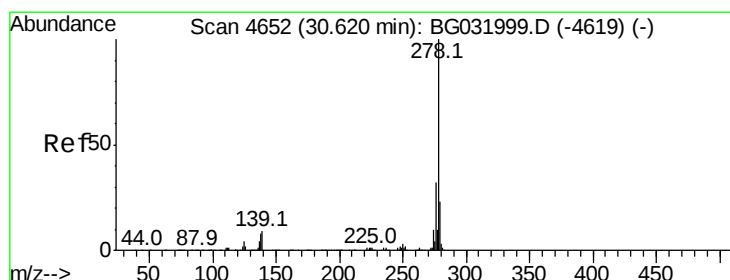
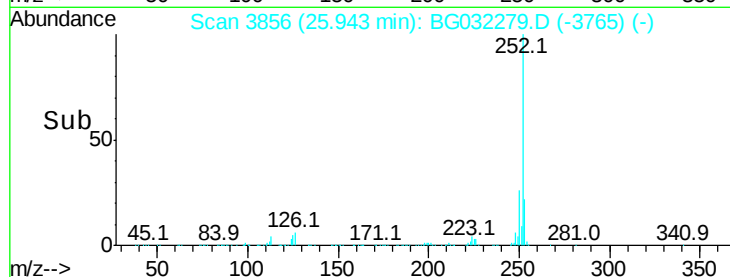
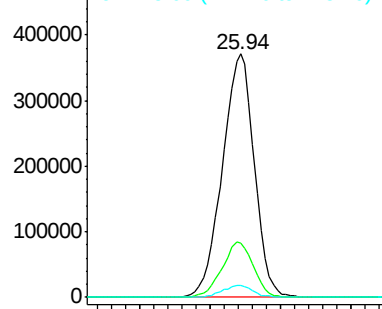


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 49.780 ng

RT: 30.47 min Scan# 4626

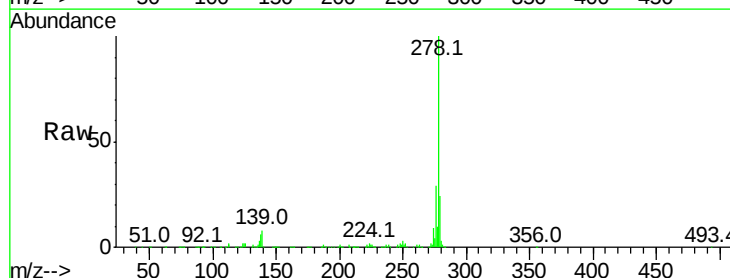
Delta R.T. 0.01 min

Lab File: BG032279.D

Acq: 25 Jan 2018 3:17

Tgt Ion:278 Resp: 1189623

Ion	Ratio	Lower	Upper
278	100		
139	8.3	9.8	14.6
279	24.5	18.4	27.6

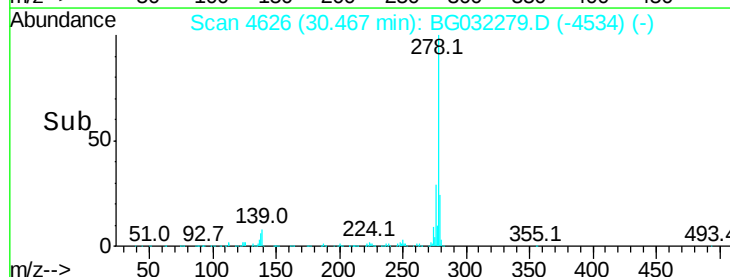
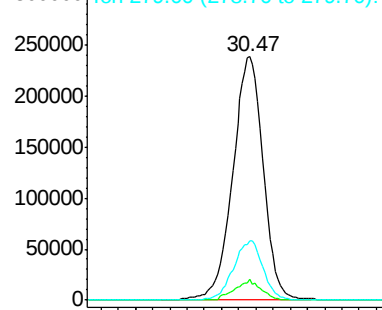


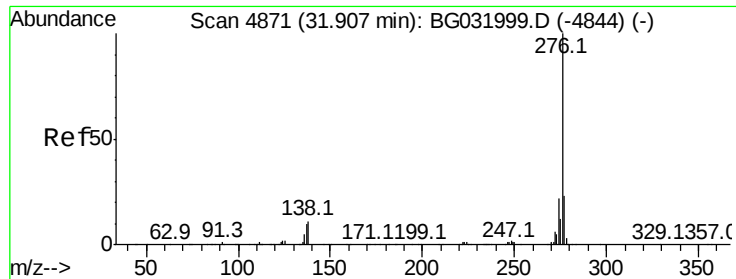
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 48.593 ng
 RT: 31.73 min Scan# 4841
 Delta R.T. 0.01 min
 Lab File: BG032279.D
 Acq: 25 Jan 2018 3:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1186887

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.3	27.5
138	10.2	13.9	20.9

