

Data Path : U:\HPCHEM1\BNA G\DATA\BG011818\
 Data File : BG032147.D
 Acq On : 18 Jan 2018 22:02
 Operator : SJ/JU
 Sample : J1187-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 19 00:32:18 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 18 10:13:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	43765	20.00	ng	0.00
21) Naphthalene-d8	11.62	136	178142	20.00	ng	0.00
38) Acenaphthene-d10	15.38	164	128996	20.00	ng	0.00
63) Phenanthrene-d10	18.11	188	355952	20.00	ng	0.00
75) Chrysene-d12	22.45	240	421493	20.00	ng	0.00
86) Perylene-d12	26.15	264	459470	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.17	112	377006	157.55	ng	0.00
7) Phenol-d6	7.86	99	480274	159.36	ng	0.00
23) Nitrobenzene-d5	9.94	82	290516	110.33	ng	0.00
41) 2,4,6-Tribromophenol	16.86	330	373004	174.74	ng	0.00
44) 2-Fluorobiphenyl	14.01	172	923424	88.76	ng	0.00
78) Terphenyl-d14	20.65	244	1694679	88.78	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.82	88	29979	32.610	ng	# 76
3) Pyridine	4.28	79	92228	37.585	ng	# 80
4) n-Nitrosodimethylamine	4.18	42	52165	60.510	ng	# 93
6) Aniline	8.04	93	139988	36.826	ng	# 94
8) 2-Chlorophenol	8.29	128	136795	51.087	ng	# 83
9) Benzaldehyde	7.84	77	88042	50.420	ng	# 86
10) Phenol	7.88	94	175508	59.118	ng	# 97
11) bis(2-Chloroethyl)ether	8.13	93	112263	47.201	ng	# 81
12) 1,3-Dichlorobenzene	8.78	146	159134	45.409	ng	# 96
13) 1,4-Dichlorobenzene	8.78	146	159134	45.098	ng	# 96
14) 1,2-Dichlorobenzene	9.11	146	151009	44.247	ng	# 98
15) Benzyl Alcohol	8.97	79	122043	55.744	ng	# 96
16) 2,2'-oxybis(1-Chloropropan	9.27	45	116322	48.124	ng	# 76
17) 2-Methylphenol	9.18	107	115381	50.855	ng	# 94
18) Hexachloroethane	9.87	117	52264	48.194	ng	# 83
19) n-Nitroso-di-n-propylamine	9.55	70	94039	50.291	ng	# 89
20) 3+4-Methylphenols	9.51	107	158441	50.410	ng	# 94
22) Acetophenone	9.58	105	202324	50.000	ng	# 89
24) Nitrobenzene	9.98	77	138219	52.625	ng	# 87
25) Isophorone	10.51	82	269705	55.008	ng	# 84
26) 2-Nitrophenol	10.71	139	84736	54.448	ng	# 83
27) 2,4-Dimethylphenol	10.75	122	142519	57.708	ng	# 95
28) bis(2-Chloroethoxy)methane	10.99	93	163107	55.215	ng	# 95
29) 2,4-Dichlorophenol	11.25	162	180336	59.344	ng	# 91
30) 1,2,4-Trichlorobenzene	11.48	180	193433	49.288	ng	# 97
31) Naphthalene	11.68	128	428350	48.540	ng	# 99
32) Benzoic acid	10.75	122	142519	69.317	ng	# 8
33) 4-Chloroaniline	11.77	127	148462	39.232	ng	# 92
34) Hexachlorobutadiene	11.95	225	139238	49.396	ng	# 94
35) Caprolactam	12.52	113	48663	52.785	ng	# 49
36) 4-Chloro-3-methylphenol	12.84	107	166731	59.943	ng	# 84
37) 2-Methylnaphthalene	13.24	142	360695	51.483	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	13.60	216	269529	47.934	ng	# 97
40) Hexachlorocyclopentadiene	13.57	237	322937	101.968	ng	# 92

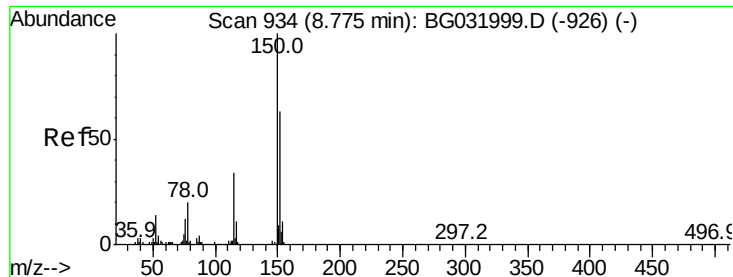
Data Path : U:\HPCHEM1\BNA G\DATA\BG011818\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 18 10:13:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.82	196	174037	55.085	ng	99
43) 2,4,5-Trichlorophenol	13.90	196	190648	52.132	ng	# 90
45) 1,1'-Biphenyl	14.22	154	517715	46.816	ng	96
46) 2-Chloronaphthalene	14.27	162	405733	47.163	ng	95
47) 2-Nitroaniline	14.46	65	95971	58.273	ng	# 72
48) Acenaphthylene	15.11	152	611772	46.699	ng	98
49) Dimethylphthalate	14.81	163	683983	60.593	ng	# 99
50) 2,6-Dinitrotoluene	14.94	165	131118	55.961	ng	# 70
51) Acenaphthene	15.45	154	396883	45.816	ng	99
52) 3-Nitroaniline	15.27	138	96344	45.527	ng	# 77
53) 2,4-Dinitrophenol	15.47	184	18928	21.666	ng	# 1
54) Dibenzofuran	15.78	168	648761	50.205	ng	99
55) 4-Nitrophenol	15.55	139	194921	126.390	ng	# 81
56) 2,4-Dinitrotoluene	15.72	165	187185	59.339	ng	# 67
57) Fluorene	16.42	166	530853	50.089	ng	96
58) 2,3,4,6-Tetrachlorophenol	15.99	232	209506	61.929	ng	# 86
59) Diethylphthalate	16.15	149	570061	52.092	ng	97
60) 4-Chlorophenyl-phenylether	16.39	204	340484	52.372	ng	93
61) 4-Nitroaniline	16.43	138	122783	60.484	ng	88
62) Azobenzene	16.69	77	361788	52.819	ng	89
64) 4,6-Dinitro-2-methylphenol	16.48	198	98538	43.733	ng	# 69
65) n-Nitrosodiphenylamine	16.60	169	510792	47.291	ng	100
66) 4-Bromophenyl-phenylether	17.29	248	249822	49.328	ng	95
67) Hexachlorobenzene	17.42	284	256018	45.692	ng	# 91
68) Atrazine	17.53	200	247700	54.531	ng	96
69) Pentachlorophenol	17.76	266	339181	94.705	ng	99
70) Phenanthrene	18.16	178	944483	47.658	ng	98
71) Anthracene	18.25	178	978023	49.479	ng	98
72) Carbazole	18.51	167	859875	50.147	ng	99
73) Di-n-butylphthalate	19.01	149	965573	47.655	ng	100
74) Fluoranthene	20.12	202	1241289	50.025	ng	94
76) Benzidine	20.28	184	724931	68.779	ng	98
77) Pyrene	20.48	202	1234090	46.575	ng	97
79) Butylbenzylphthalate	21.34	149	436914	46.023	ng	# 76
80) Benzo(a)anthracene	22.43	228	1301960	49.669	ng	99
81) 3,3'-Dichlorobenzidine	22.32	252	407107	41.575	ng	# 95
82) Chrysene	22.50	228	1220993	48.502	ng	98
83) Bis(2-ethylhexyl)phthalate	22.27	149	626464	45.000	ng	# 98
84) Di-n-octyl phthalate	23.65	149	1059013	47.897	ng	# 89
85) Indeno(1,2,3-cd)pyrene	30.45	276	1637221	53.143	ng	# 87
87) Benzo(b)fluoranthene	24.97	252	1402396	50.496	ng	# 96
88) Benzo(k)fluoranthene	25.05	252	1311326	48.320	ng	# 95
89) Benzo(a)pyrene	25.98	252	1345609	51.219	ng	# 96
90) Dibenzo(a,h)anthracene	30.52	278	1353177	53.450	ng	# 93
91) Benzo(g,h,i)perylene	31.81	276	1362534	52.657	ng	# 91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.74 min Scan# 928

Delta R.T. 0.00 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

Instrument :

BNA_G

ClientSampled :

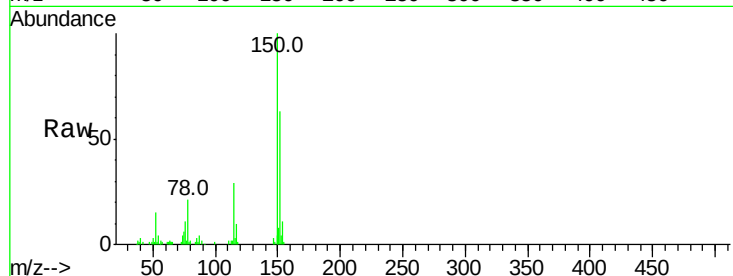
Tot Ion:152 Resp: 43765

Ion Ratio Lower Upper

152 100

150 158.5 126.6 189.8

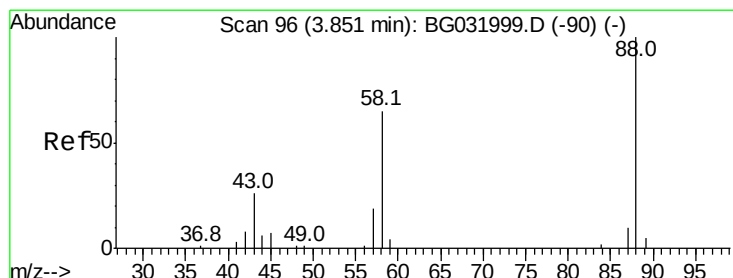
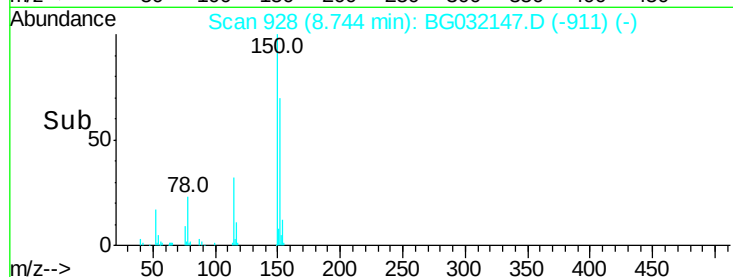
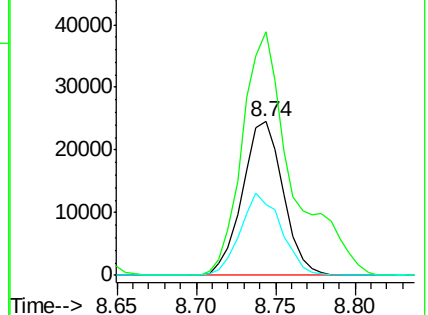
115 45.8 53.0 79.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.610 ng

RT: 3.82 min Scan# 90

Delta R.T. -0.02 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

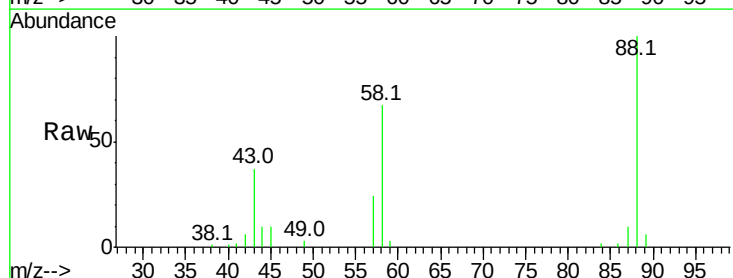
Tgt Ion: 88 Resp: 29979

Ion Ratio Lower Upper

88 100

58 69.4 79.6 119.4#

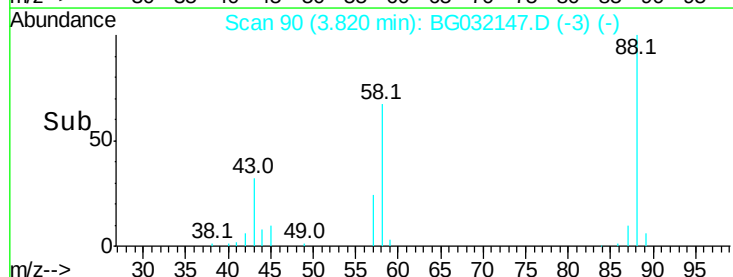
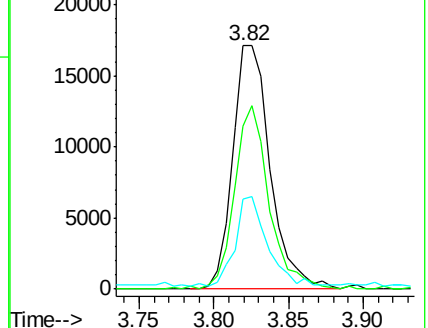
43 31.8 27.4 41.0

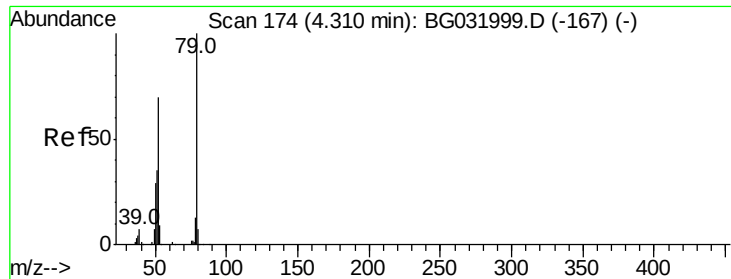


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 37.585 ng

RT: 4.28 min Scan# 168

Delta R.T. -0.01 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

Instrument :

BNA_G

ClientSampleId :

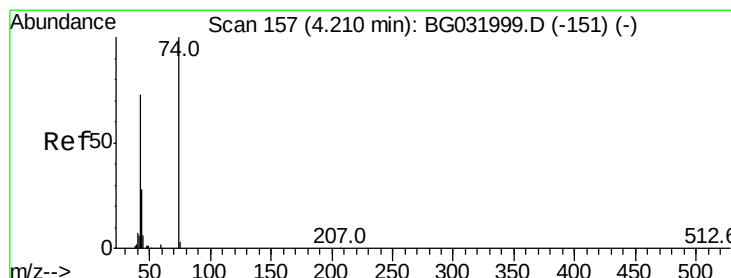
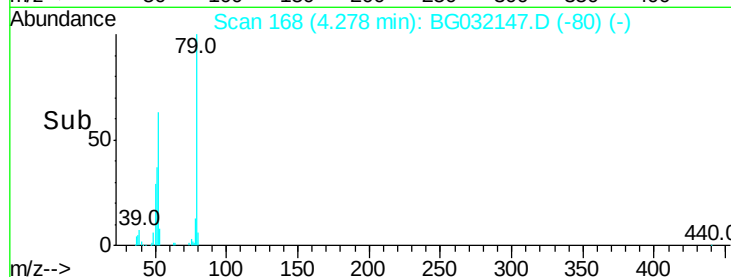
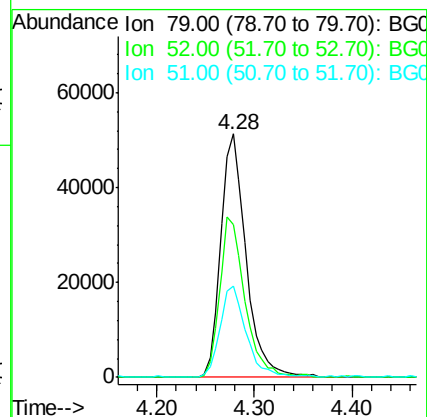
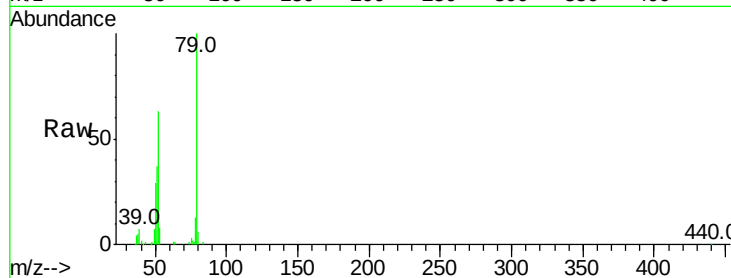
Tot Ion: 79 Resp: 92228

Ion Ratio Lower Upper

79 100

52 62.9 69.9 104.9#

51 37.3 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 60.510 ng

RT: 4.18 min Scan# 152

Delta R.T. -0.01 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

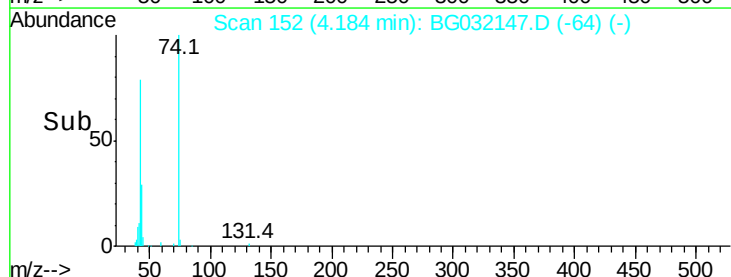
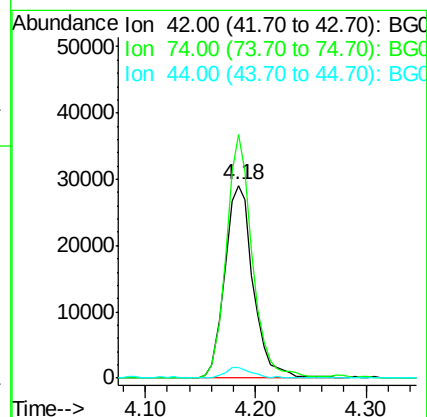
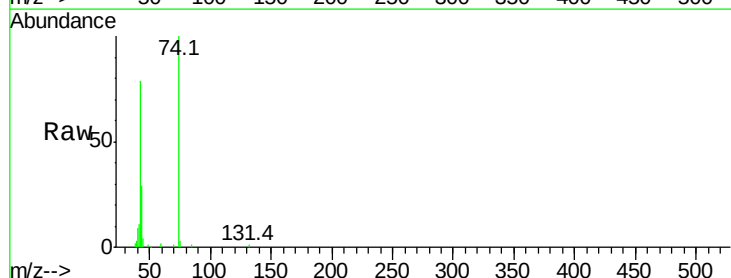
Tgt Ion: 42 Resp: 52165

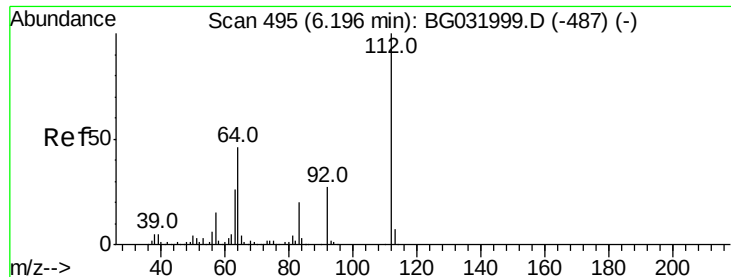
Ion Ratio Lower Upper

42 100

74 126.3 102.5 153.7

44 5.3 18.9 28.3#





#5

2-Fluorophenol

Concen: 157.550 ng

RT: 6.17 min Scan# 490

Delta R.T. 0.00 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

Instrument :

BNA_G

ClientSampled :

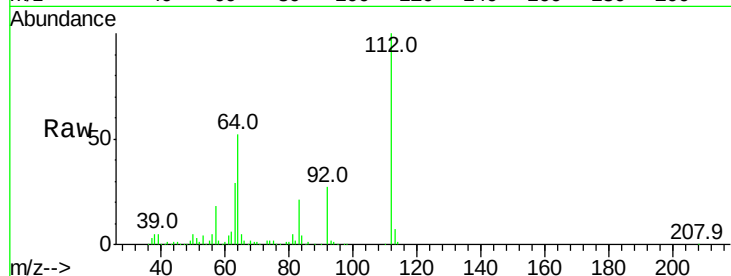
Tot Ion:112 Resp: 377006

Ion Ratio Lower Upper

112 100

64 52.0 56.3 84.5#

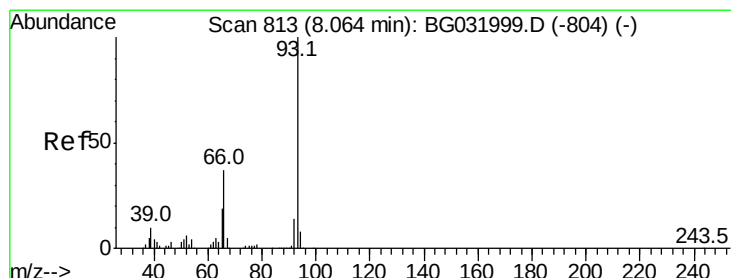
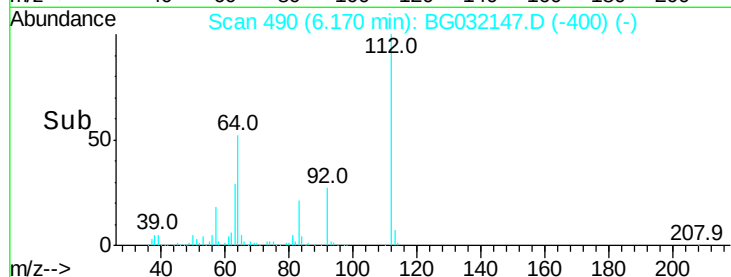
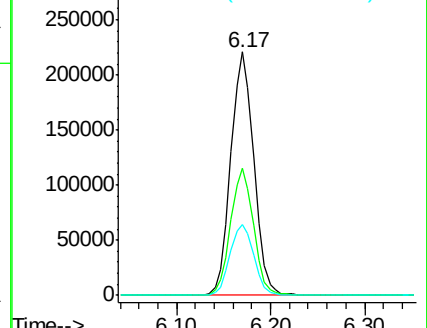
63 29.2 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 36.826 ng

RT: 8.04 min Scan# 808

Delta R.T. 0.00 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

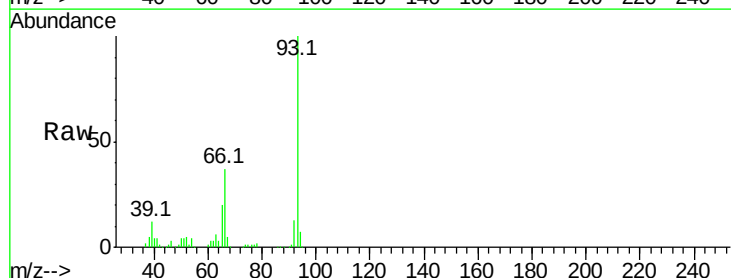
Tgt Ion: 93 Resp: 139988

Ion Ratio Lower Upper

93 100

66 36.7 33.7 50.5

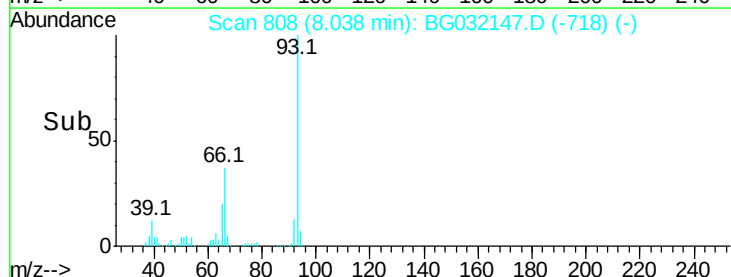
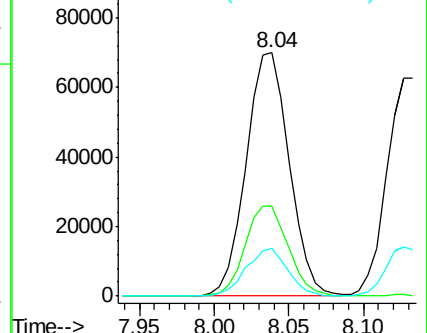
65 19.6 16.1 24.1

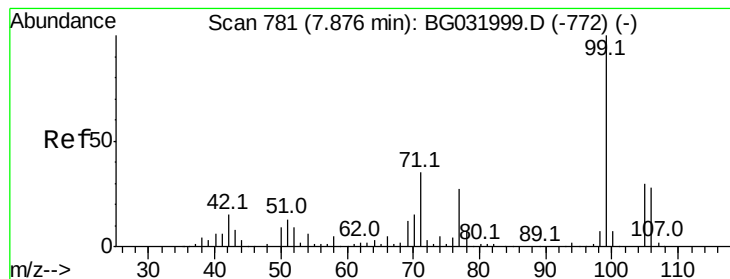


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 159.361 ng

RT: 7.86 min Scan# 777

Delta R.T. 0.01 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

Instrument :

BNA_G

ClientSampleId :

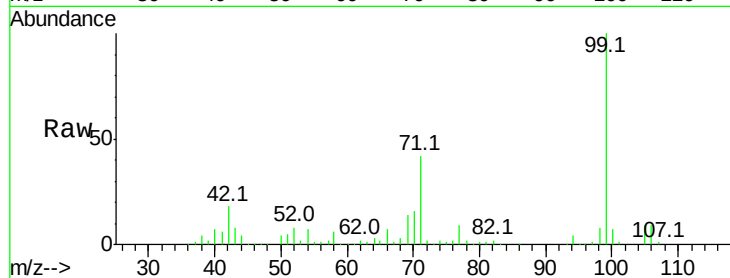
Tot Ion: 99 Resp: 480274

Ion Ratio Lower Upper

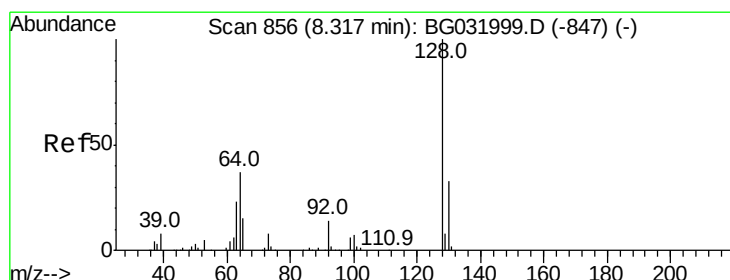
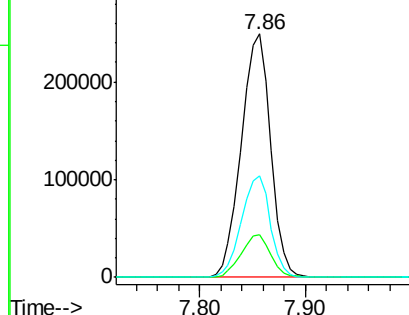
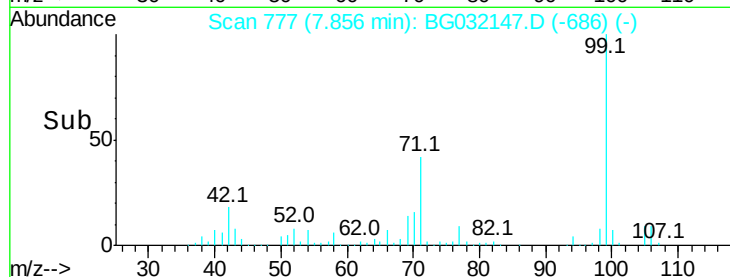
99 100

42 17.6 14.1 21.1

71 41.7 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: 51.087 ng

RT: 8.29 min Scan# 851

Delta R.T. 0.00 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

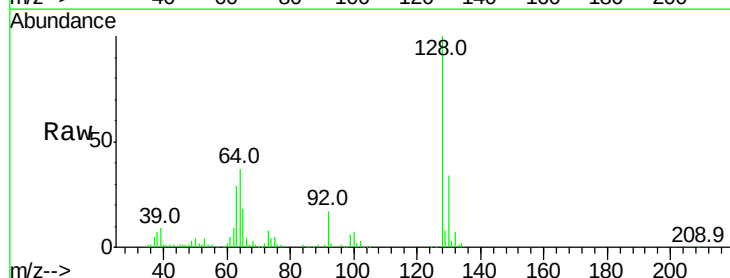
Tgt Ion:128 Resp: 136795

Ion Ratio Lower Upper

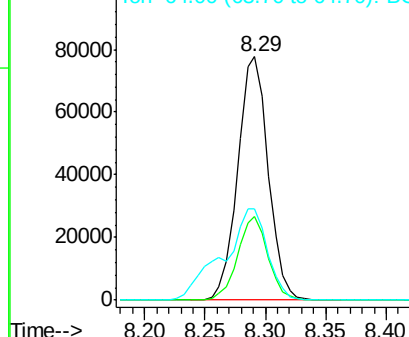
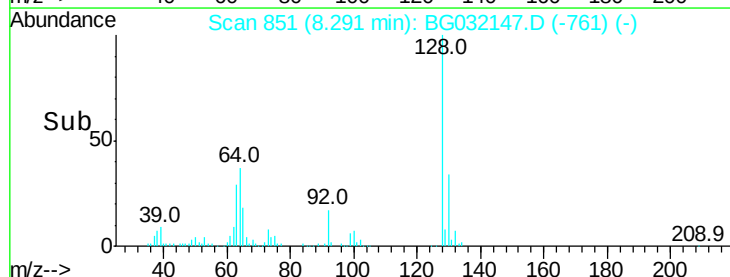
128 100

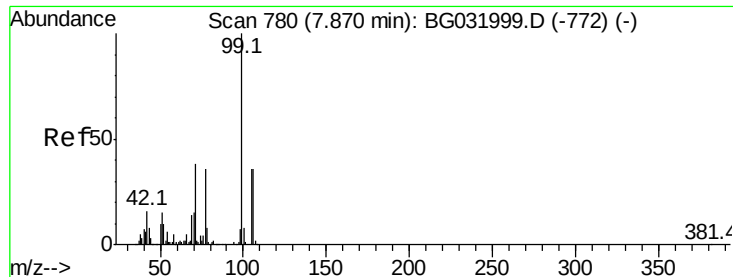
130 34.3 14.0 54.0

64 37.5 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: 50.420 ng

RT: 7.84 min Scan# 774

Delta R.T. -0.00 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

Instrument :

BNA_G

ClientSampleId :

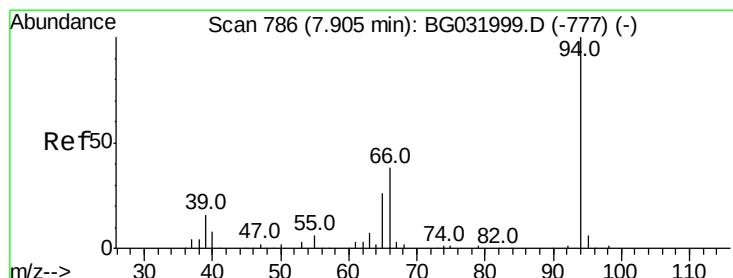
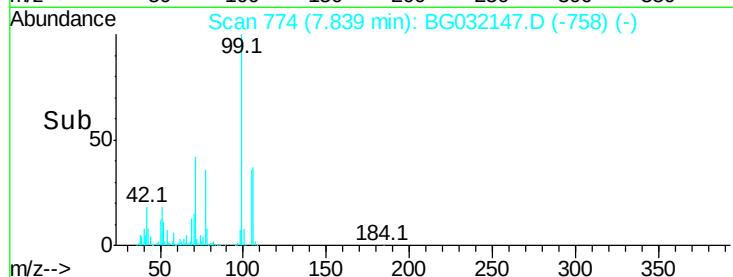
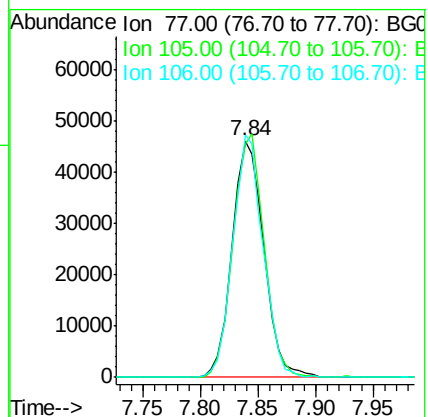
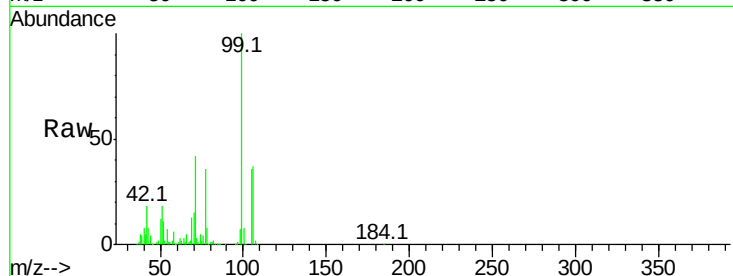
Tot Ion: 77 Resp: 88042

Ion Ratio Lower Upper

77 100

105 98.6 71.3 111.3

106 102.7 64.2 104.2



#10

Phenol

Concen: 59.118 ng

RT: 7.88 min Scan# 781

Delta R.T. 0.00 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

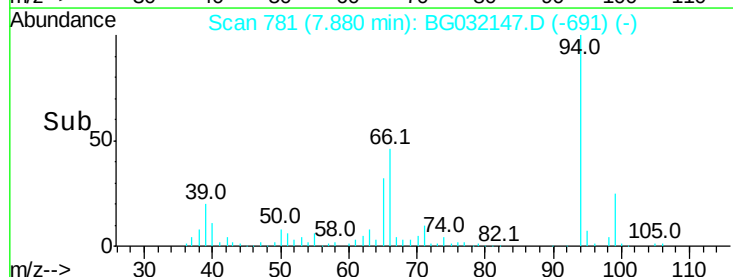
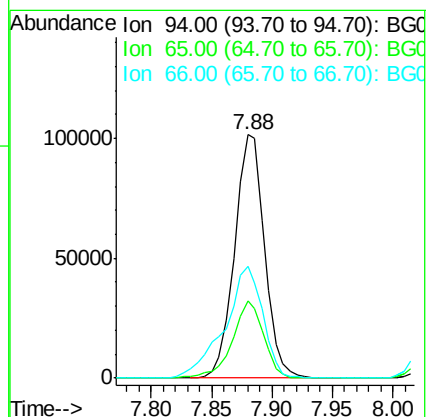
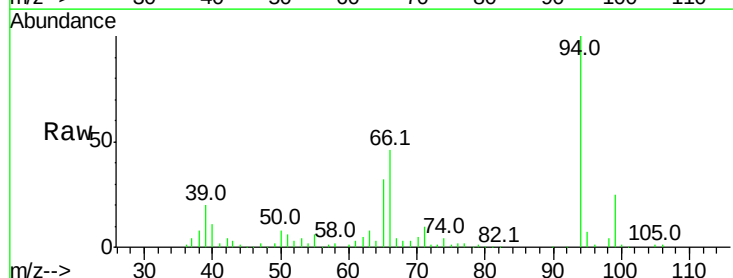
Tgt Ion: 94 Resp: 175508

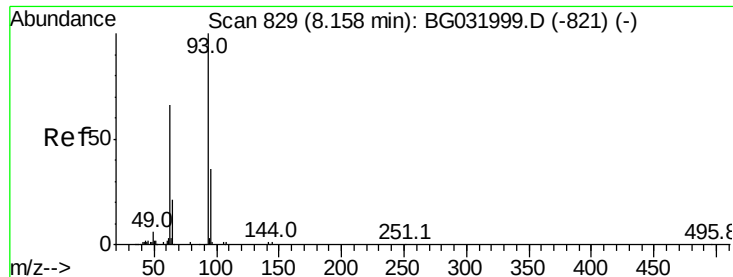
Ion Ratio Lower Upper

94 100

65 31.9 11.9 51.9

66 45.8 22.2 62.2





#11

bis(2-Chloroethyl)ether

Concen: 47.201 ng

RT: 8.13 min Scan# 824

Delta R.T. 0.00 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

Instrument :

BNA_G

ClientSampleId :

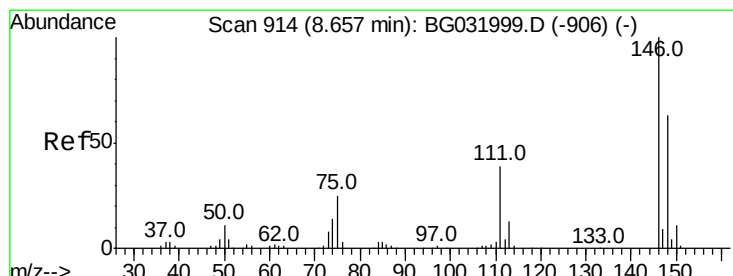
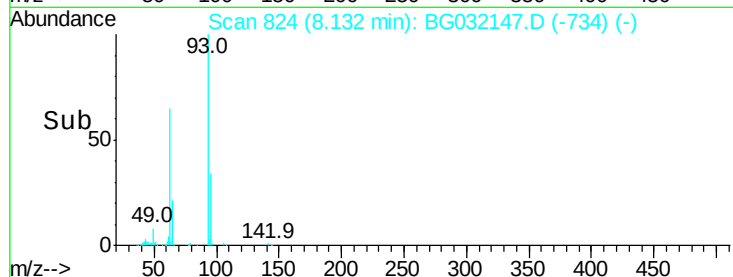
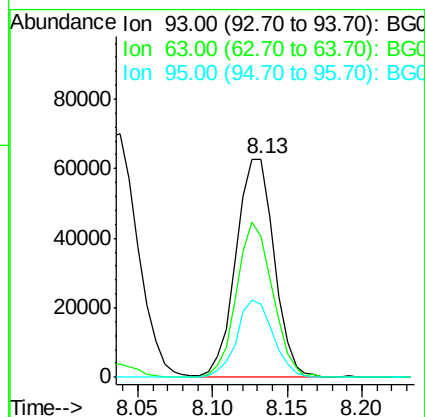
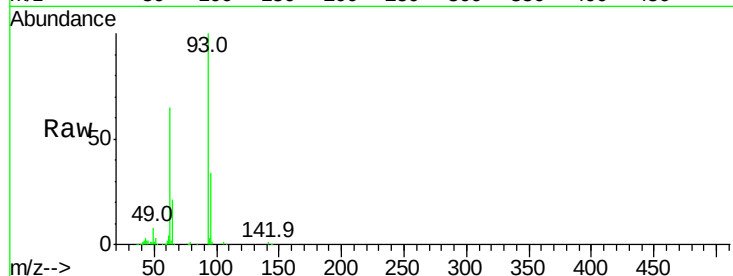
Tot Ion: 93 Resp: 112263

Ion Ratio Lower Upper

93 100

63 64.6 67.1 107.1#

95 33.5 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 45.409 ng

RT: 8.78 min Scan# 934

Delta R.T. 0.15 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

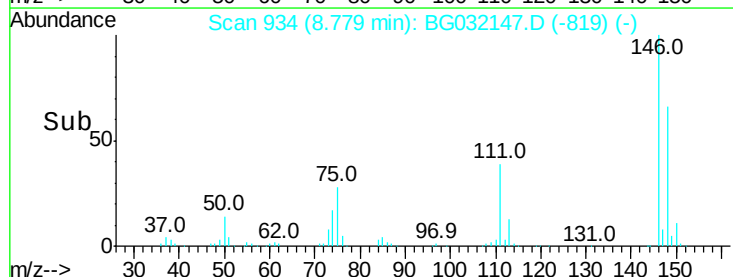
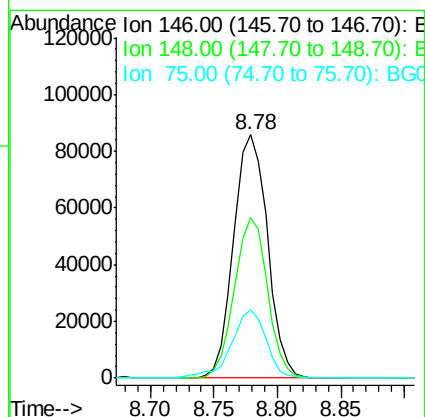
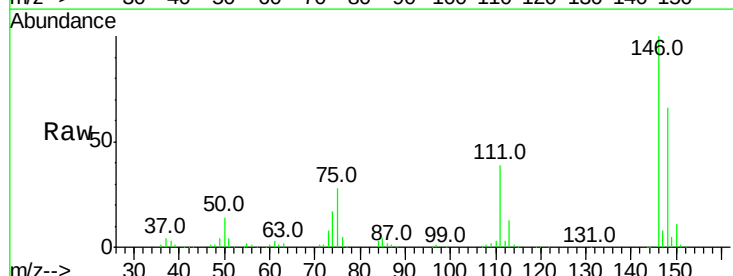
Tgt Ion: 146 Resp: 159134

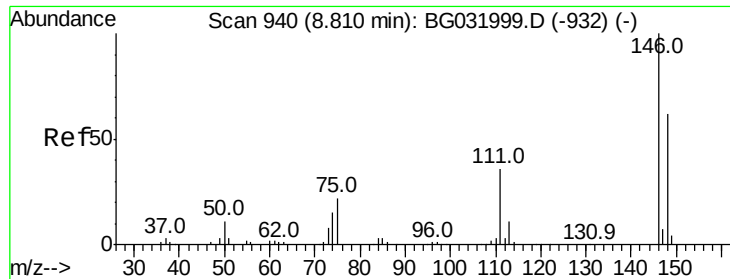
Ion Ratio Lower Upper

146 100

148 65.8 51.4 77.2

75 28.0 26.6 39.8

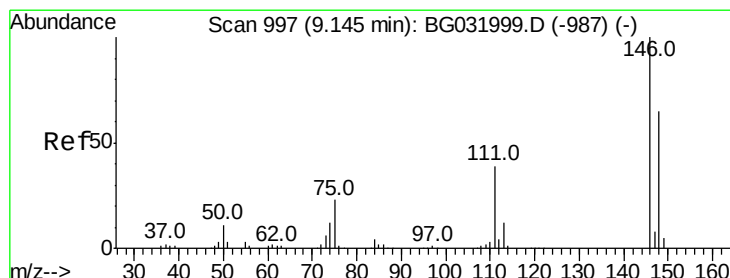
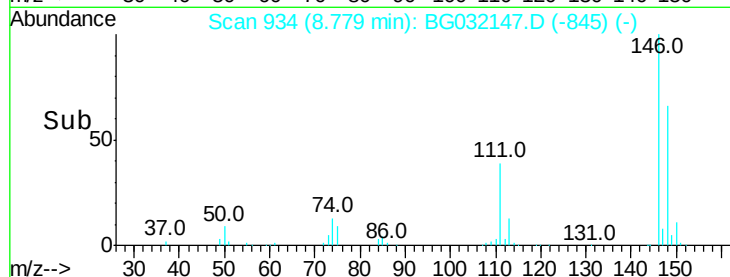
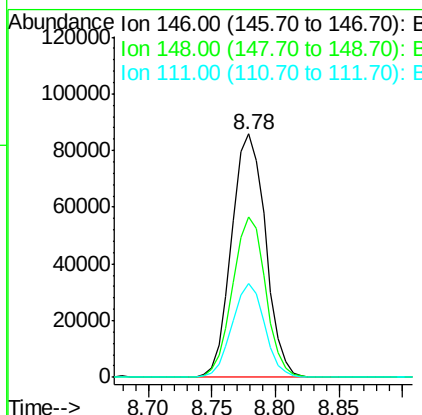
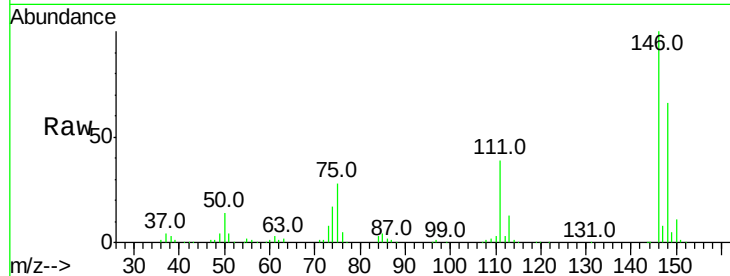




#13
 1,4-Dichlorobenzene
 Concen: 45.098 ng
 RT: 8.78 min Scan# 934
 Delta R.T. -0.00 min
 Lab File: BG032147.D
 Acq: 18 Jan 2018 22:02

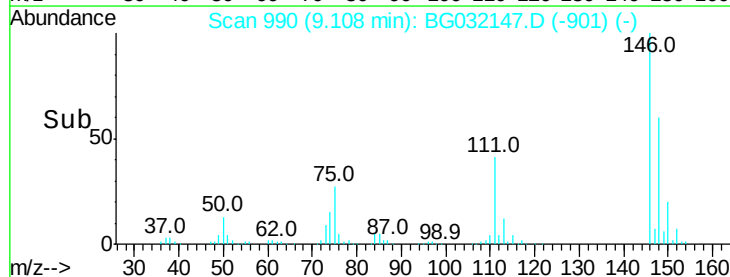
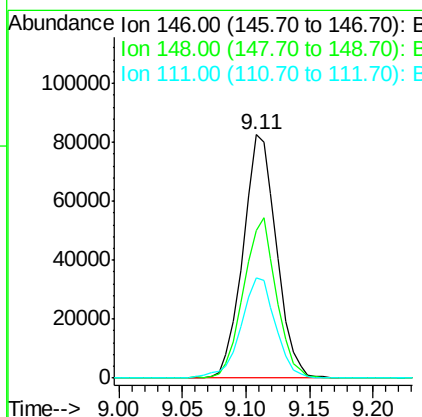
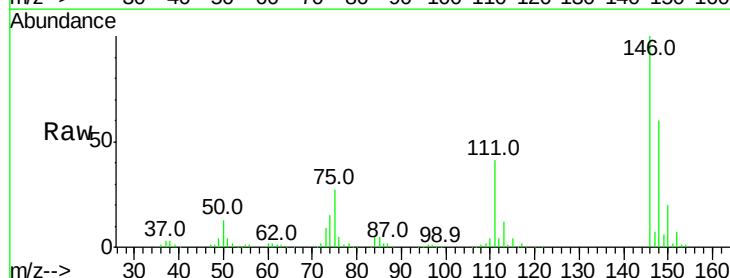
Instrument :
 BNA_G
 ClientSampled :

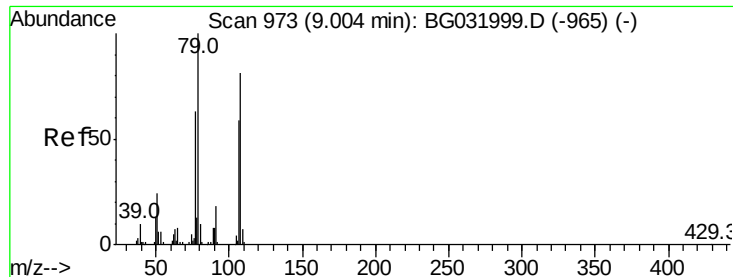
Tot Ion:146 Resp: 159134
 Ion Ratio Lower Upper
 146 100
 148 65.8 53.7 80.5
 111 38.5 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 44.247 ng
 RT: 9.11 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: BG032147.D
 Acq: 18 Jan 2018 22:02

Tgt Ion:146 Resp: 151009
 Ion Ratio Lower Upper
 146 100
 148 60.4 49.3 73.9
 111 40.9 34.3 51.5





#15

Benzyl Alcohol

Concen: 55.744 ng

RT: 8.97 min Scan# 967

Delta R.T. -0.00 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

Instrument :

BNA_G

ClientSampled :

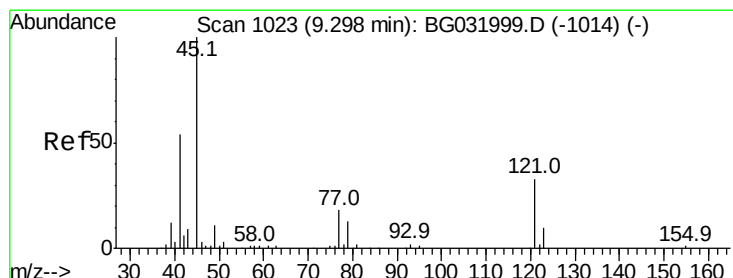
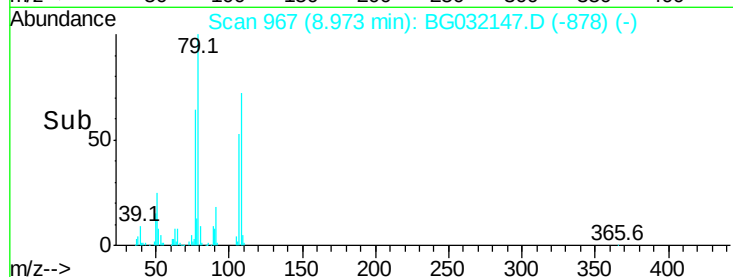
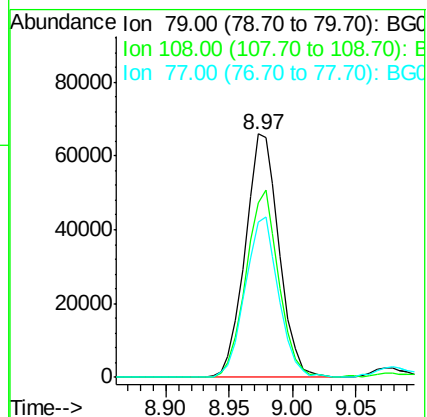
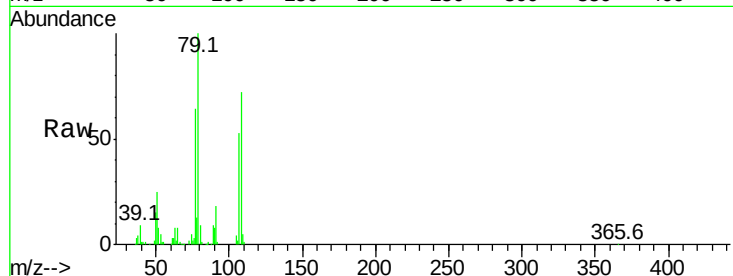
Tot Ion: 79 Resp: 122043

Ion Ratio Lower Upper

79 100

108 71.8 57.2 85.8

77 63.7 46.1 69.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 48.124 ng

RT: 9.27 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

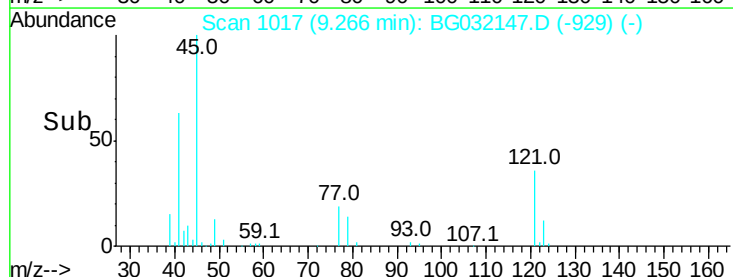
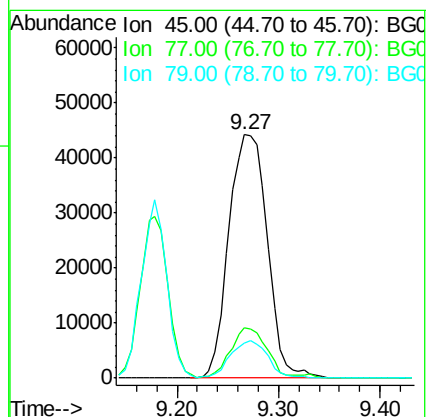
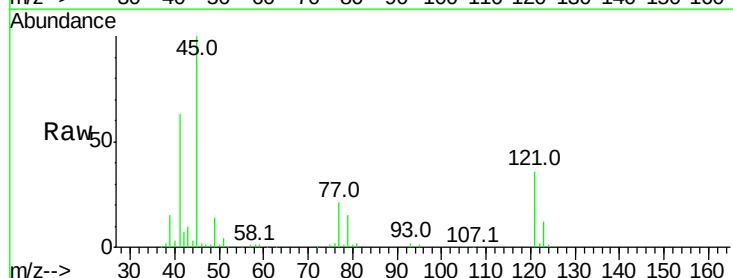
Tgt Ion: 45 Resp: 116322

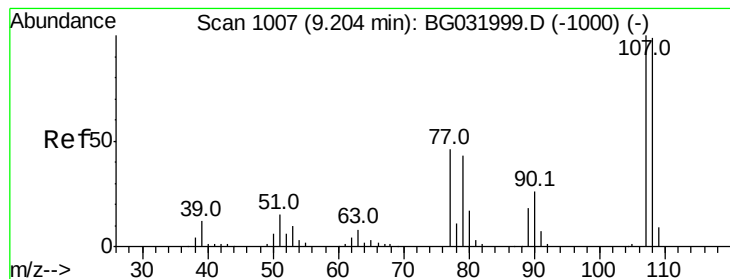
Ion Ratio Lower Upper

45 100

77 20.6 0.0 30.2

79 14.6 0.0 27.9





#17

2-Methylphenol

Concen: 50.855 ng

RT: 9.18 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 115381

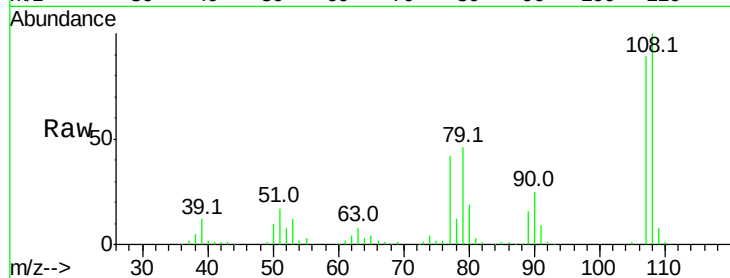
Ion Ratio Lower Upper

107 100

108 112.5 83.9 125.9

77 46.8 37.2 55.8

79 51.5 36.2 54.2

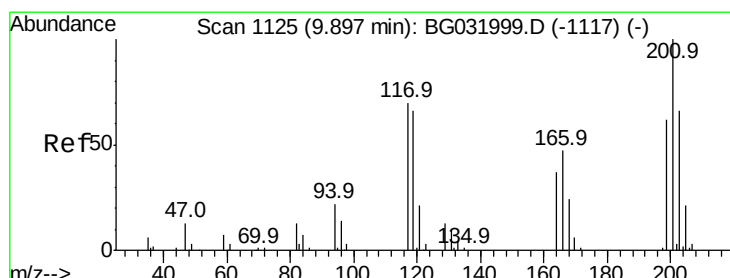
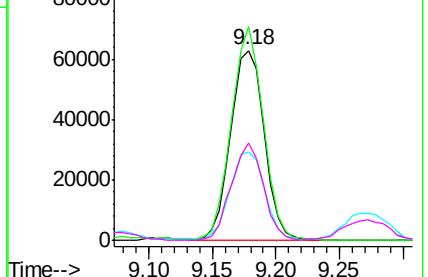
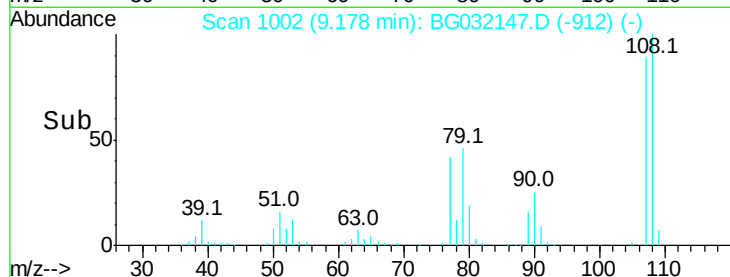


Abundance Ion 107.00 (106.70 to 107.70): E

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: 48.194 ng

RT: 9.87 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

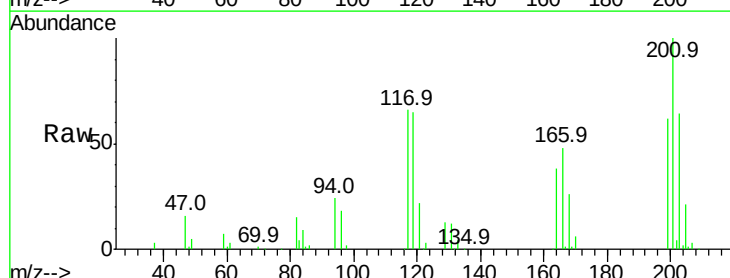
Tgt Ion:117 Resp: 52264

Ion Ratio Lower Upper

117 100

119 98.4 76.7 115.1

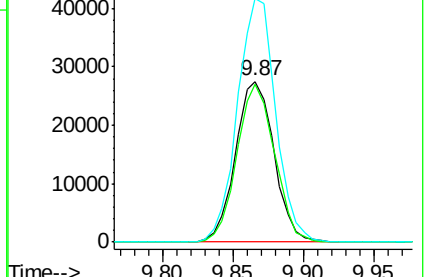
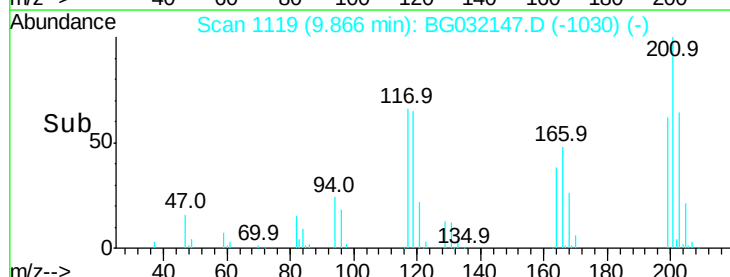
201 151.4 95.7 143.5#

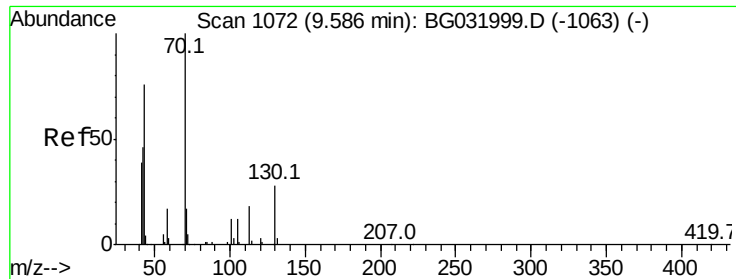


Abundance Ion 117.00 (116.70 to 117.70): E

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: 50.291 ng

RT: 9.55 min Scan# 1066

Delta R.T. -0.00 min

Lab File: BG032147.D

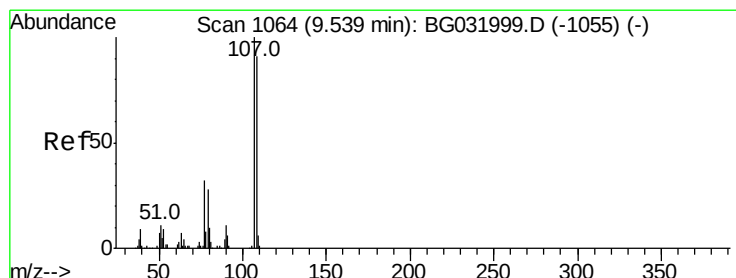
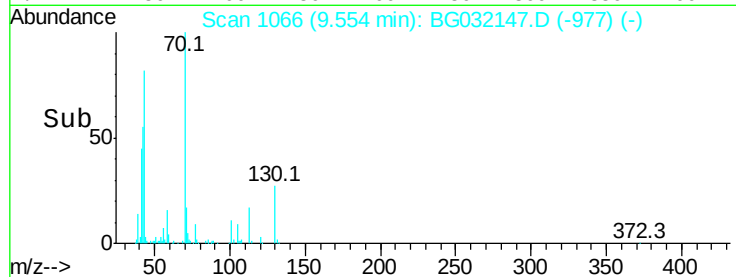
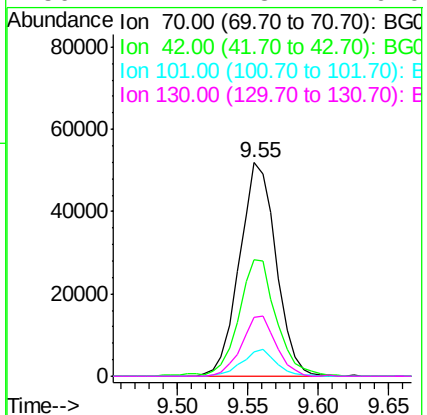
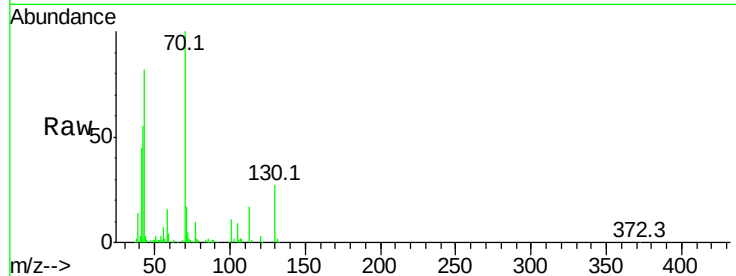
Acq: 18 Jan 2018 22:02

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	70	Resp:	94039
Ion	Ratio	Lower	Upper
70	100		
42	54.6	49.1	73.7
101	11.4	8.5	12.7
130	27.4	13.4	20.0#



#20

3+4-Methylphenols

Concen: 50.410 ng

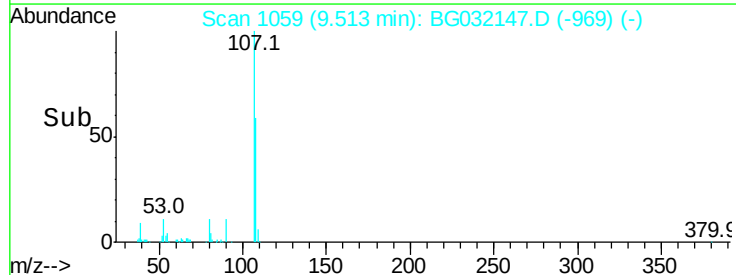
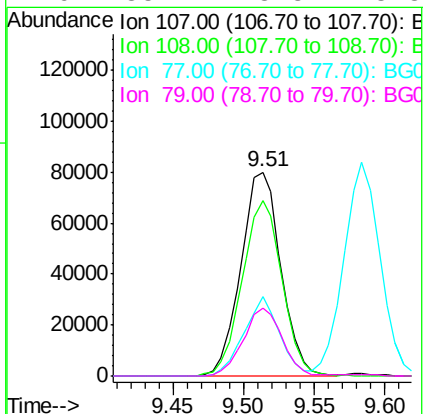
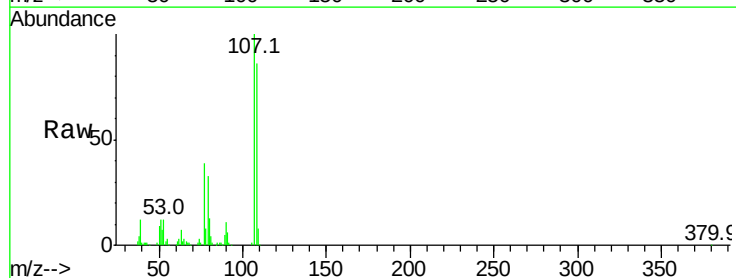
RT: 9.51 min Scan# 1059

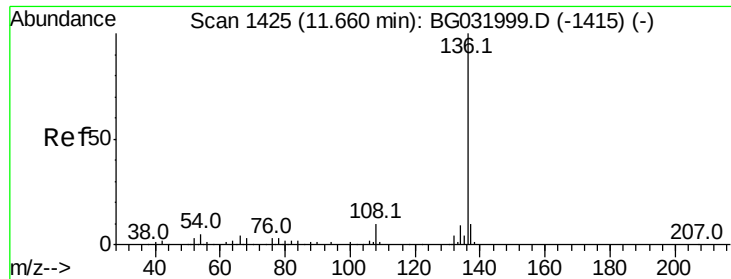
Delta R.T. 0.00 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

Tgt Ion:	107	Resp:	158441
Ion	Ratio	Lower	Upper
107	100		
108	85.8	61.6	101.6
77	38.8	13.9	53.9
79	33.1	8.8	48.8

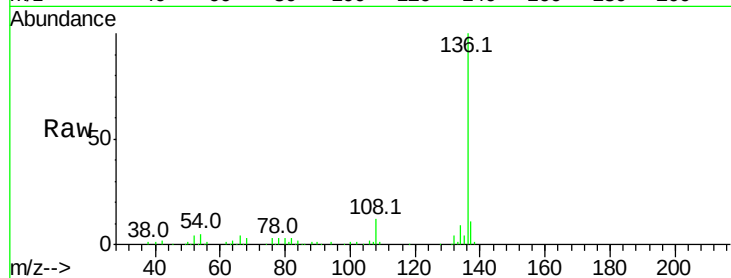




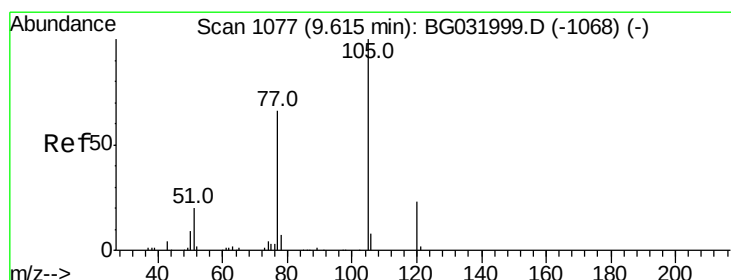
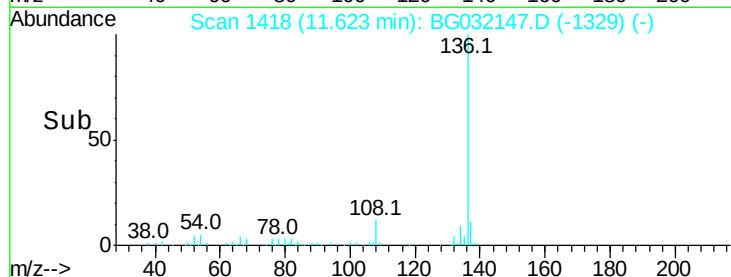
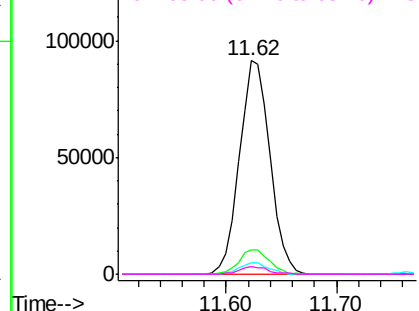
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.62 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	178142
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.2 13.8
54	5.1	10.3 15.5#
68	3.4	4.5 6.7#

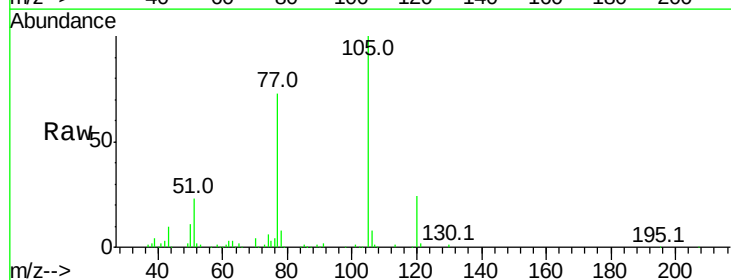


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

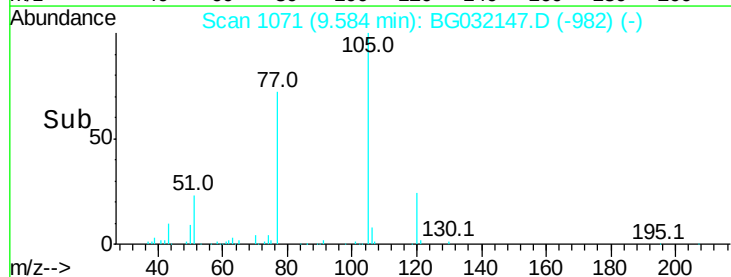
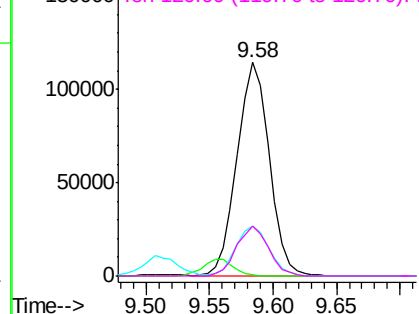


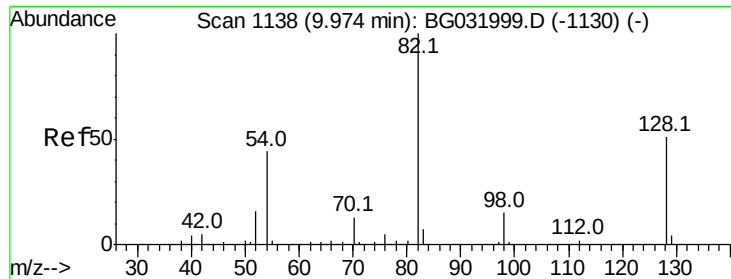
#22
Acetophenone
Concen: 50.000 ng
RT: 9.58 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

Tgt Ion:105	Resp:	202324
Ion Ratio	Lower	Upper
105	100	
71	0.3	3.0 4.4#
51	23.4	26.1 39.1#
120	23.7	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

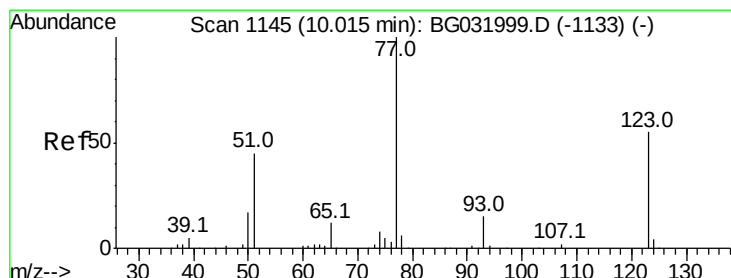
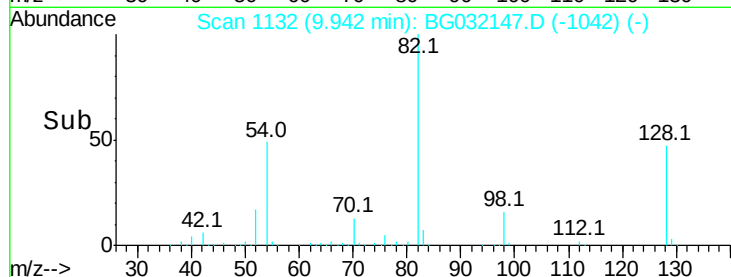
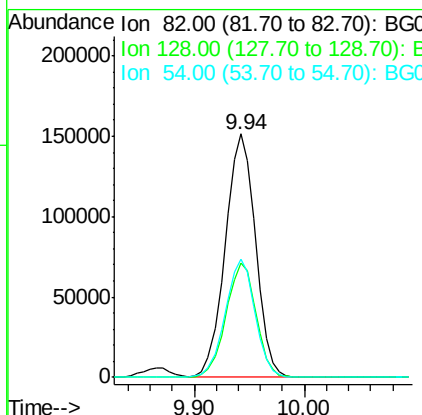
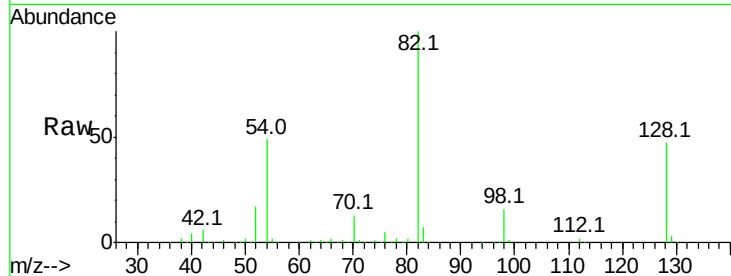




#23
 Nitrobenzene-d5
 Concen: 110.331 ng
 RT: 9.94 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: BG032147.D
 Acq: 18 Jan 2018 22:02

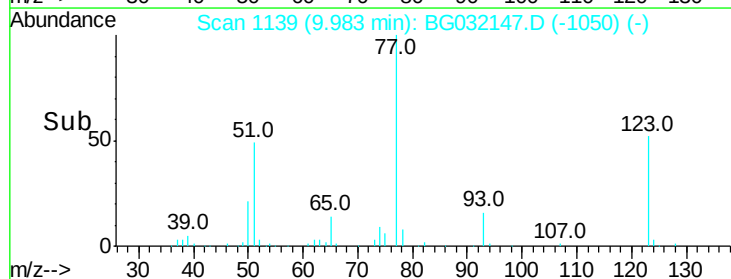
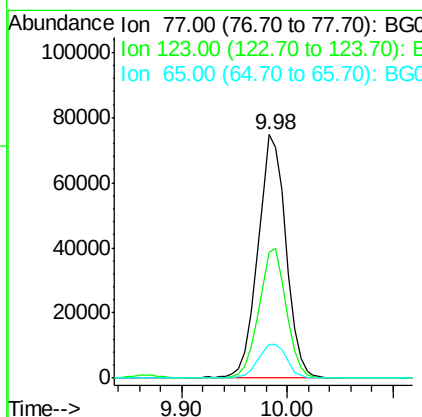
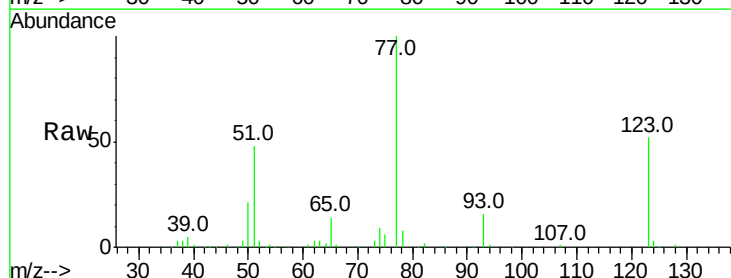
Instrument :
 BNA_G
 ClientSampleId :

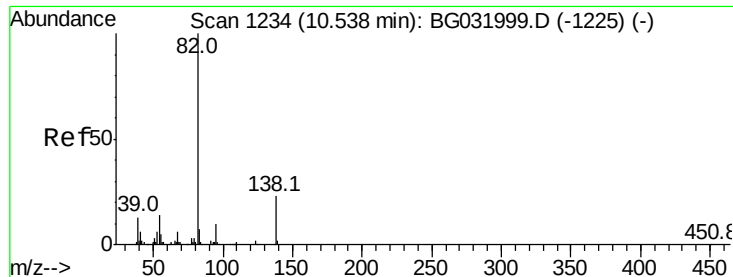
Tot Ion: 82 Resp: 290516
 Ion Ratio Lower Upper
 82 100
 128 47.1 29.7 44.5#
 54 48.5 43.1 64.7



#24
 Nitrobenzene
 Concen: 52.625 ng
 RT: 9.98 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: BG032147.D
 Acq: 18 Jan 2018 22:02

Tgt Ion: 77 Resp: 138219
 Ion Ratio Lower Upper
 77 100
 123 51.6 33.0 49.6#
 65 13.7 13.0 19.6





#25

Isophorone

Concen: 55.008 ng

RT: 10.51 min Scan# 1228

Delta R.T. -0.00 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

Instrument :

BNA_G

ClientSampleId :

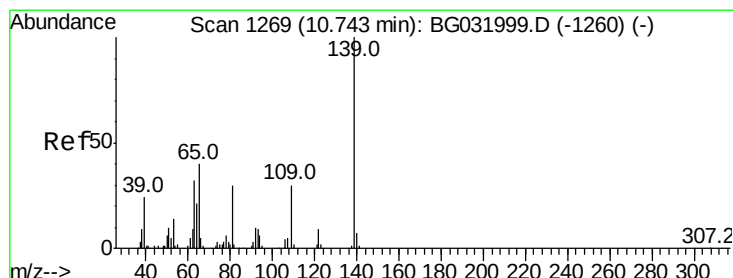
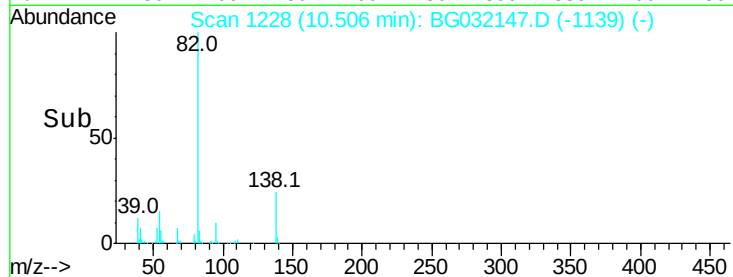
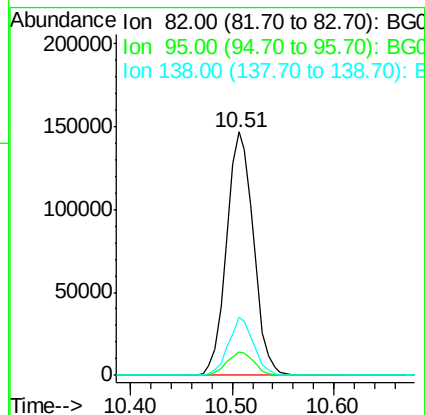
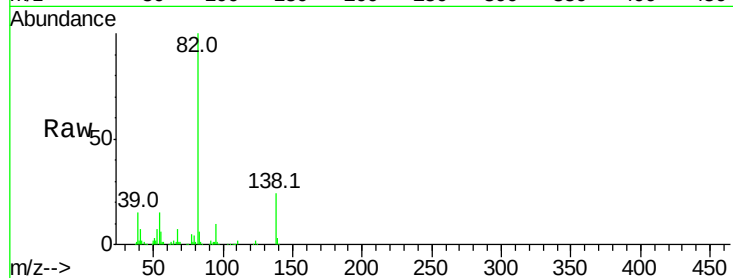
Tot Ion: 82 Resp: 269705

Ion Ratio Lower Upper

82 100

95 9.9 6.2 9.2#

138 23.7 12.1 18.1#



#26

2-Nitrophenol

Concen: 54.448 ng

RT: 10.71 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

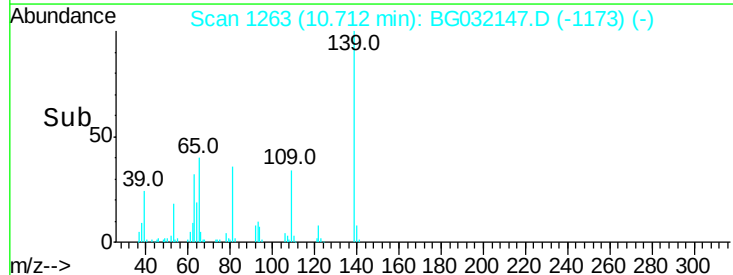
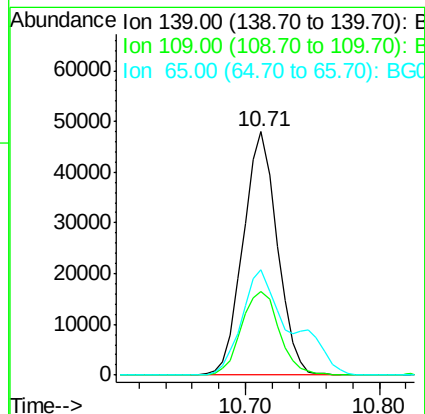
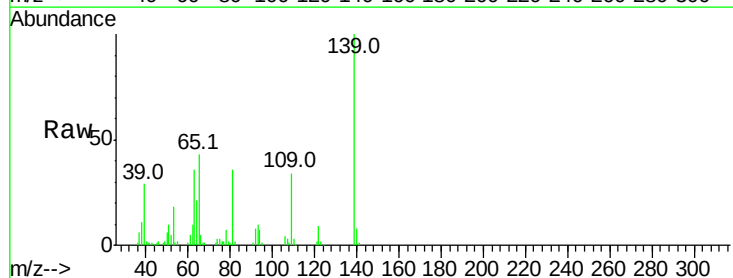
Tgt Ion: 139 Resp: 84736

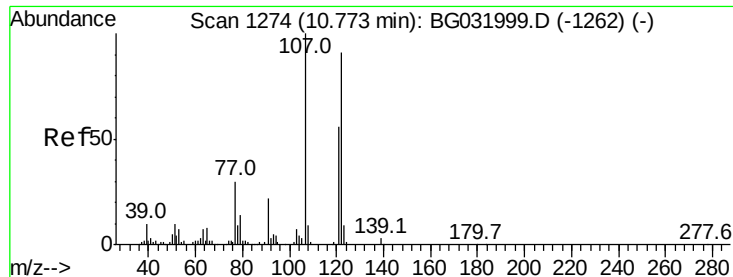
Ion Ratio Lower Upper

139 100

109 34.4 24.2 36.2

65 43.2 47.4 71.0#

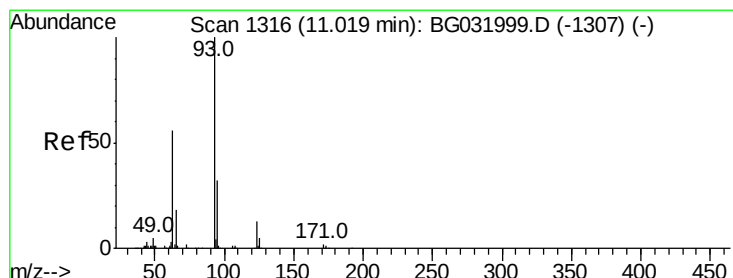
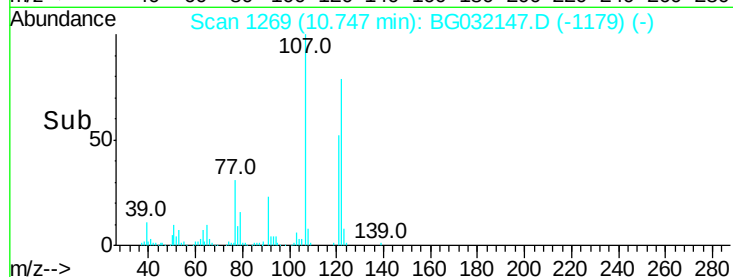
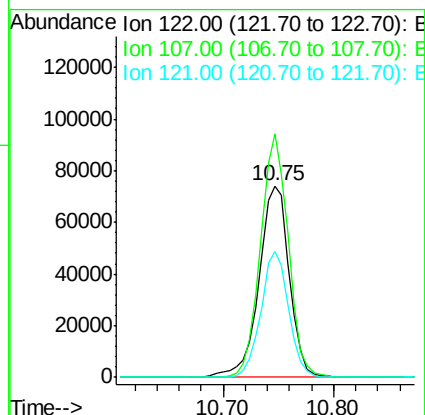
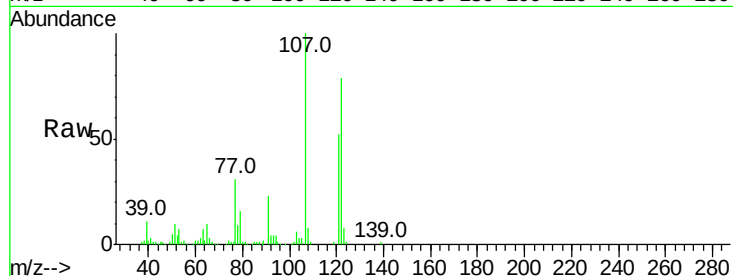




#27
 2,4-Dimethylphenol
 Concen: 57.708 ng
 RT: 10.75 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: BG032147.D
 Acq: 18 Jan 2018 22:02

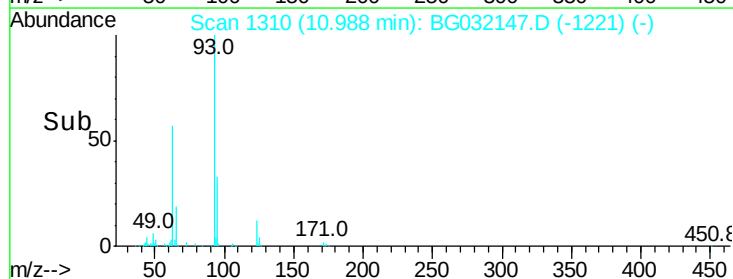
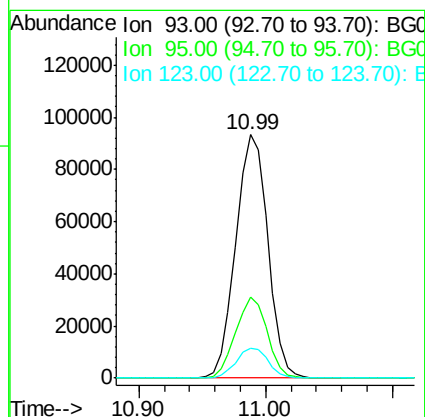
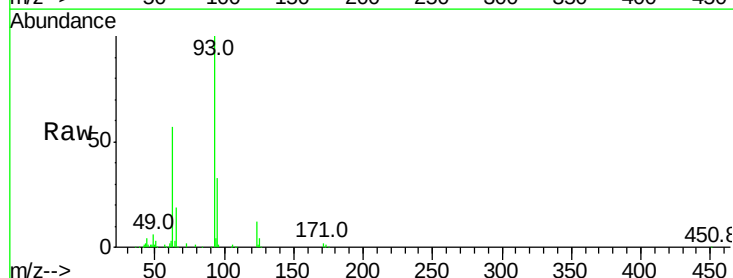
Instrument :
 BNA_G
 ClientSampleId :

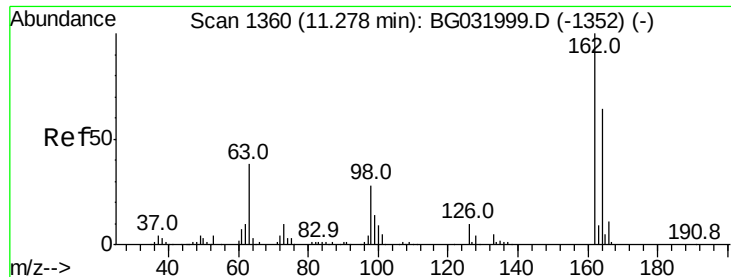
Tot Ion	Ratio	Lower	Upper
122	100		
107	127.0	100.2	150.2
121	65.9	44.4	66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 55.215 ng
 RT: 10.99 min Scan# 1310
 Delta R.T. -0.00 min
 Lab File: BG032147.D
 Acq: 18 Jan 2018 22:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	24.3	36.5
123	12.4	8.4	12.6

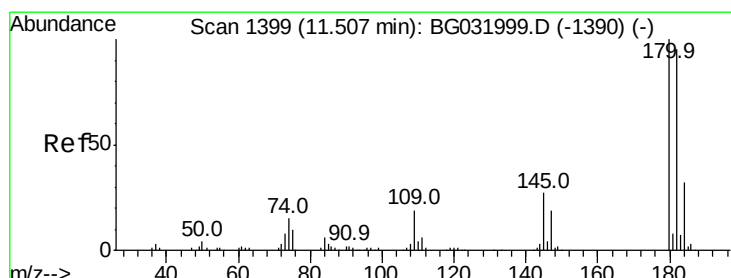
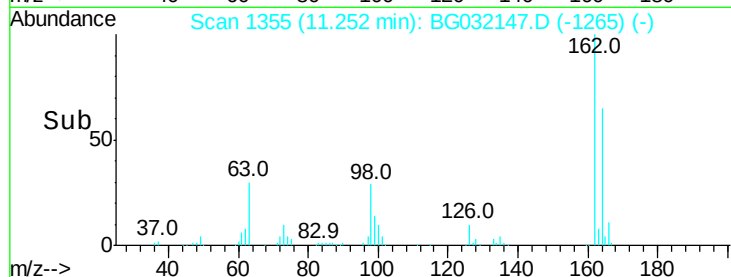
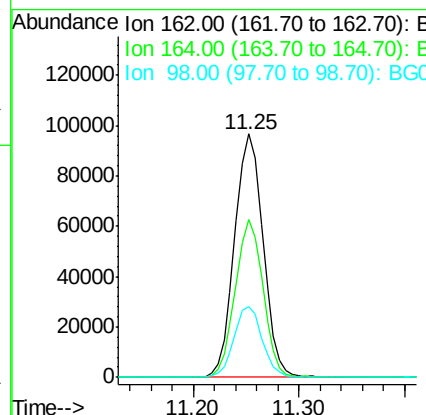
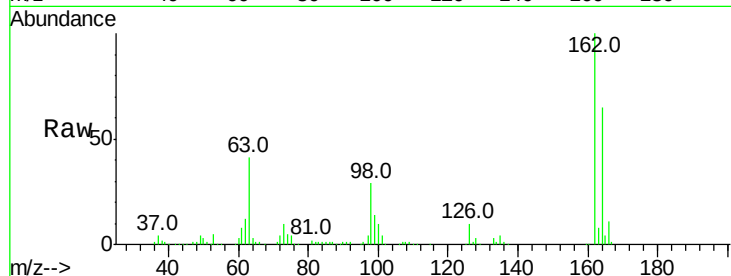




#29
 2,4-Dichlorophenol
 Concen: 59.344 ng
 RT: 11.25 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: BG032147.D
 Acq: 18 Jan 2018 22:02

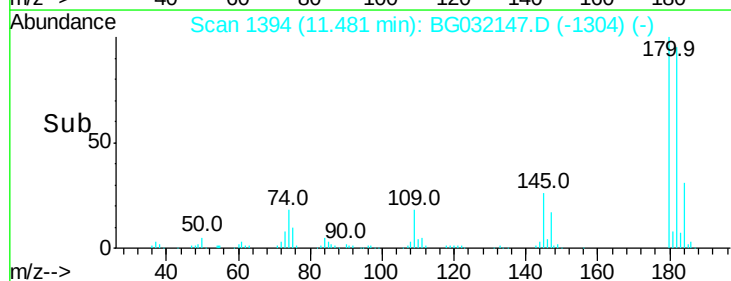
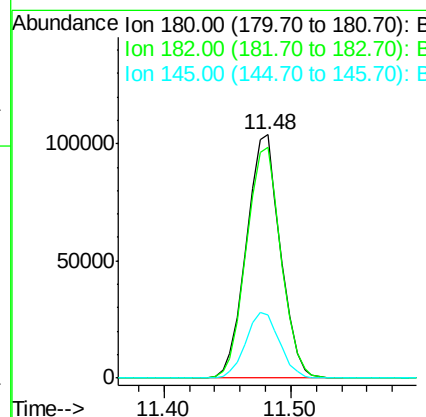
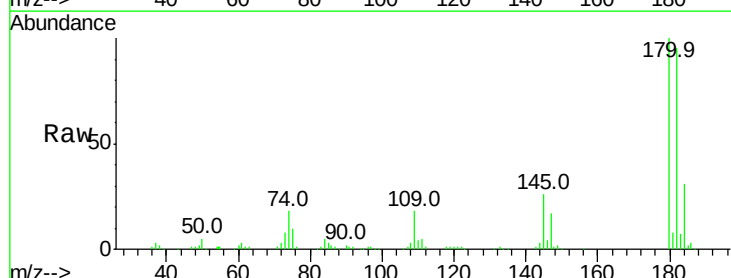
Instrument :
 BNA_G
 ClientSampleId :

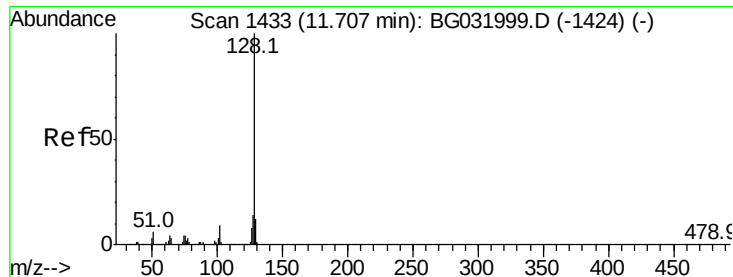
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	48.0	88.0
98	29.1	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 49.288 ng
 RT: 11.48 min Scan# 1394
 Delta R.T. 0.00 min
 Lab File: BG032147.D
 Acq: 18 Jan 2018 22:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	77.5	116.3
145	26.1	23.4	35.2

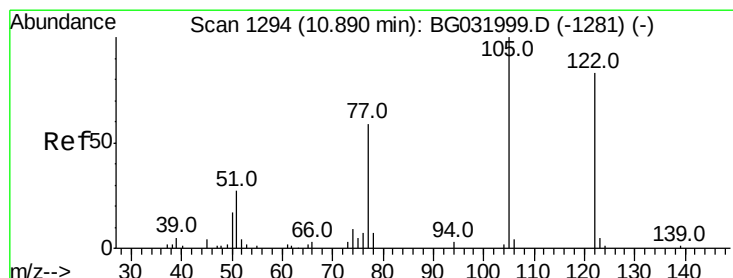
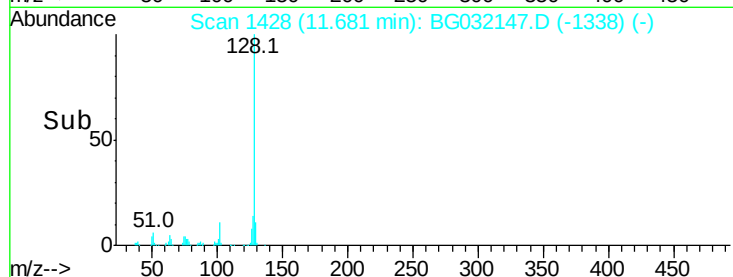
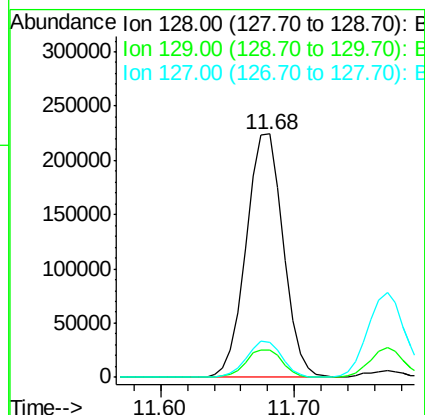
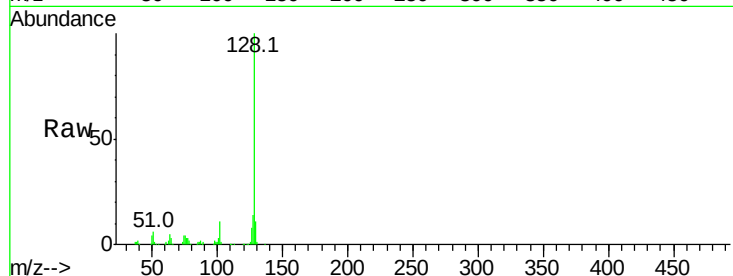




#31
Naphthalene
Concen: 48.540 ng
RT: 11.68 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

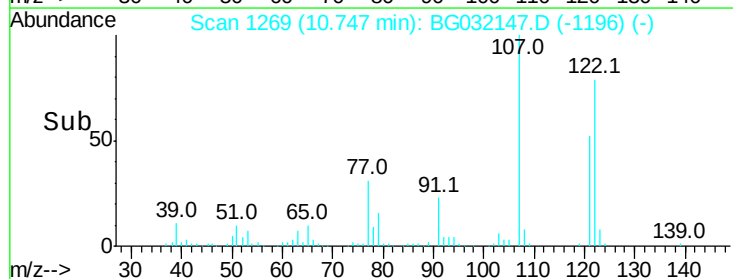
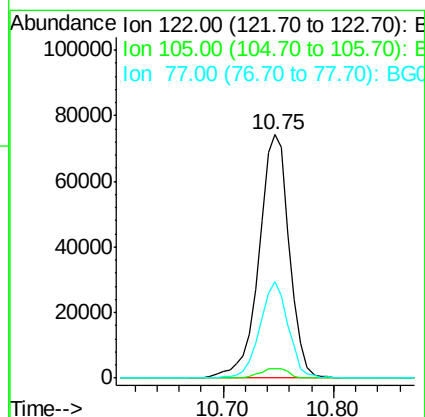
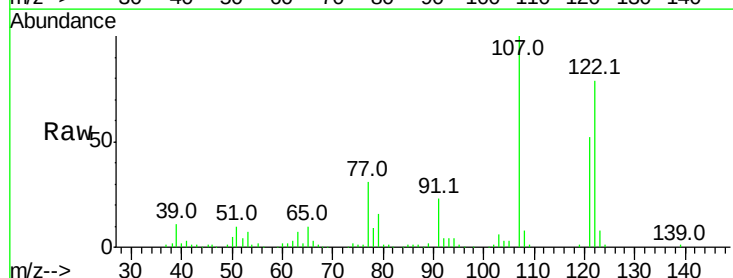
Instrument :
BNA_G
ClientSampleId :

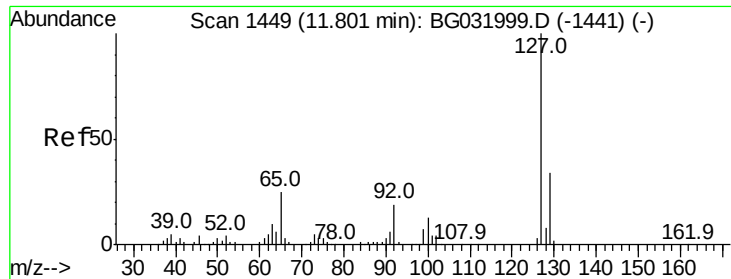
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	14.2	11.6	17.4



#32
Benzoic acid
Concen: 69.317 ng
RT: 10.75 min Scan# 1269
Delta R.T. -0.10 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

Tgt Ion	Ratio	Lower	Upper
122	100		
105	3.8	123.5	163.5#
77	39.7	85.7	125.7#

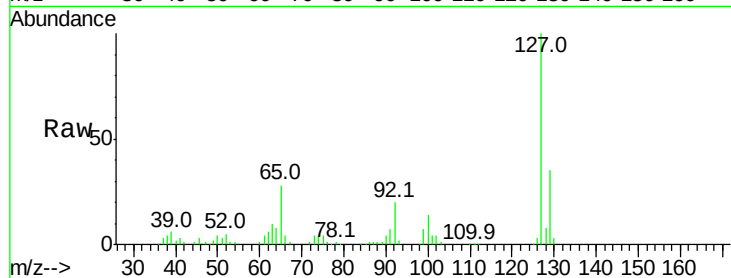




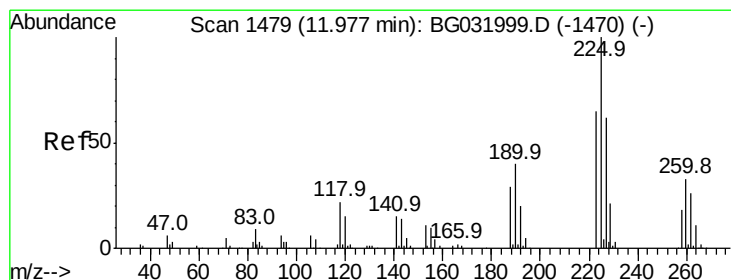
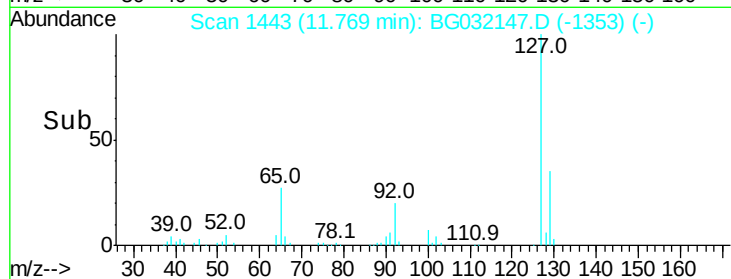
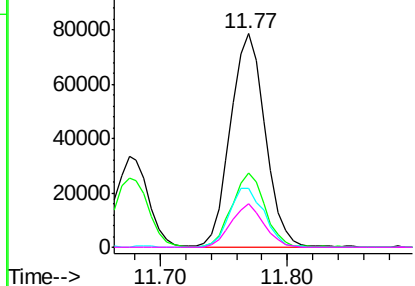
#33
 4-Chloroaniline
 Concen: 39.232 ng
 RT: 11.77 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: BG032147.D
 Acq: 18 Jan 2018 22:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	127	Resp:	148462
Ion	Ratio	Lower	Upper
127	100		
129	34.5	24.0	36.0
65	27.6	27.0	40.4
92	20.2	16.6	25.0

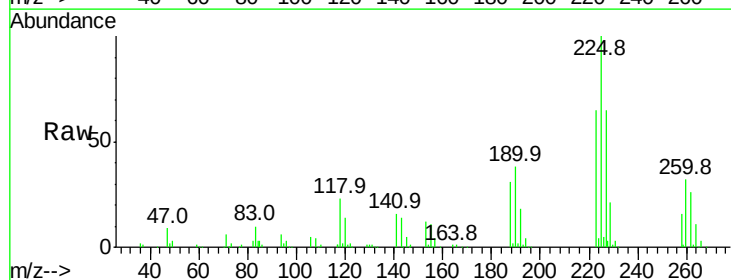


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BG
 Ion 92.00 (91.70 to 92.70): BG

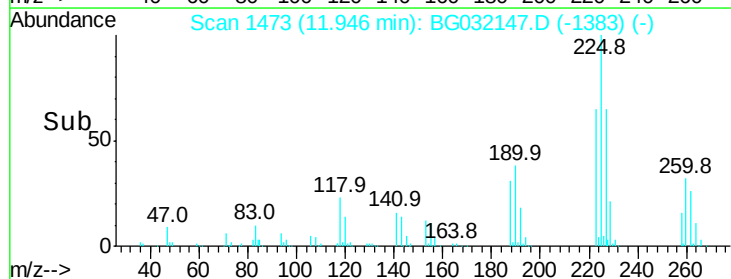
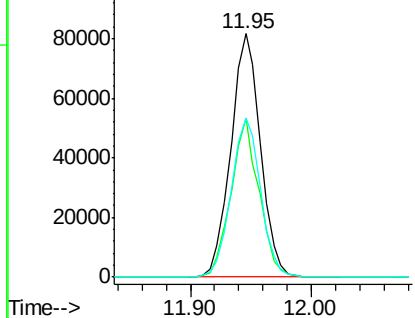


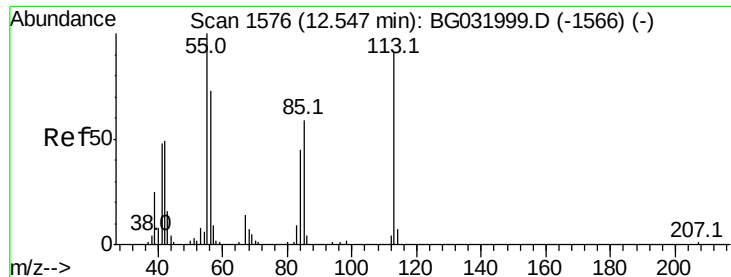
#34
 Hexachlorobutadiene
 Concen: 49.396 ng
 RT: 11.95 min Scan# 1473
 Delta R.T. 0.00 min
 Lab File: BG032147.D
 Acq: 18 Jan 2018 22:02

Tgt Ion:	225	Resp:	139238
Ion	Ratio	Lower	Upper
225	100		
223	65.4	49.7	74.5
227	65.2	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: 52.785 ng

RT: 12.52 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

Instrument :

BNA_G

ClientSampleId :

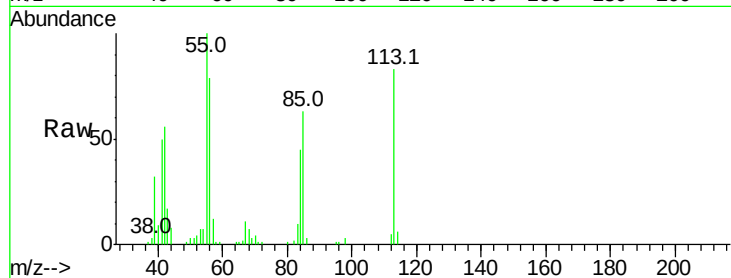
Tot Ion:113 Resp: 48663

Ion Ratio Lower Upper

113 100

55 120.4 186.9 226.9#

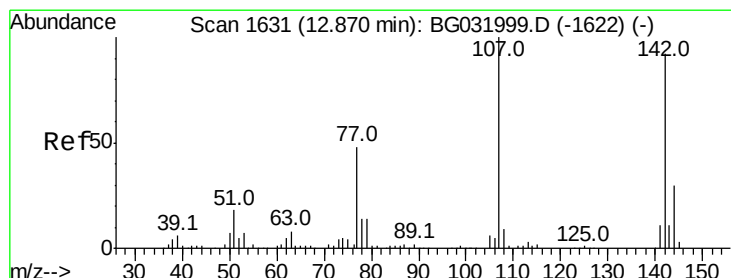
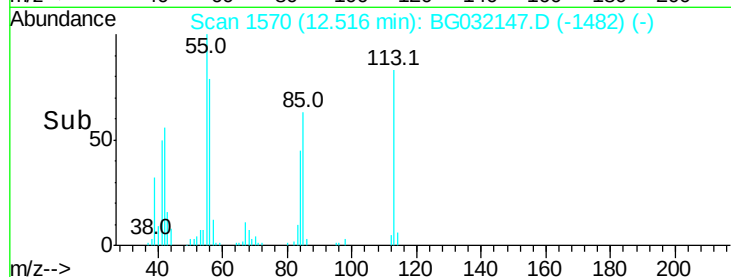
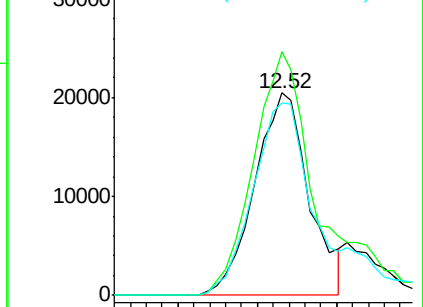
56 95.4 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 59.943 ng

RT: 12.84 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

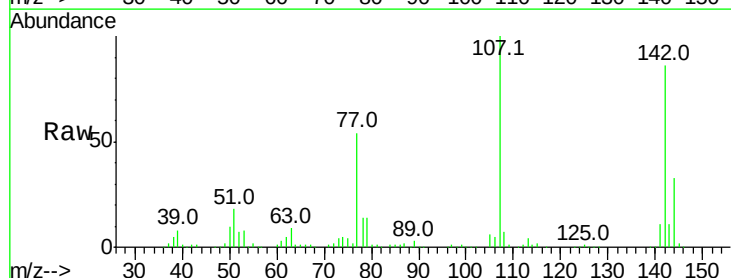
Tgt Ion:107 Resp: 166731

Ion Ratio Lower Upper

107 100

144 32.6 18.2 27.4#

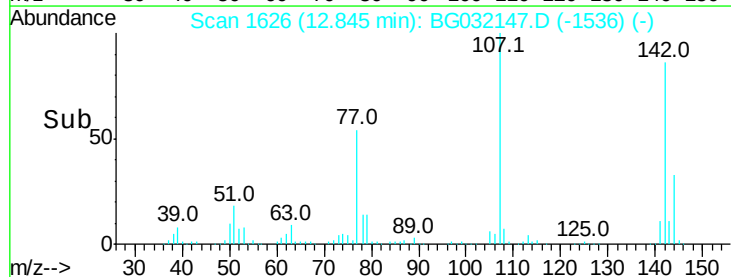
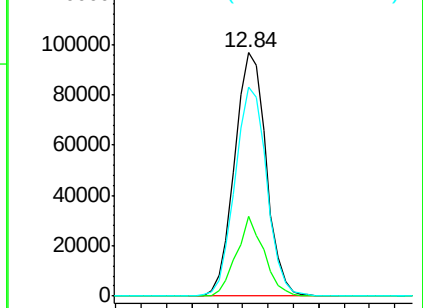
142 85.8 59.0 88.4

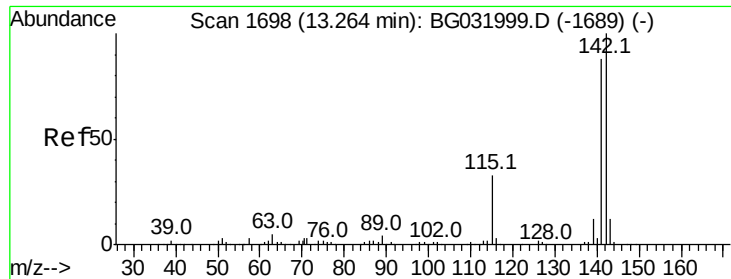


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

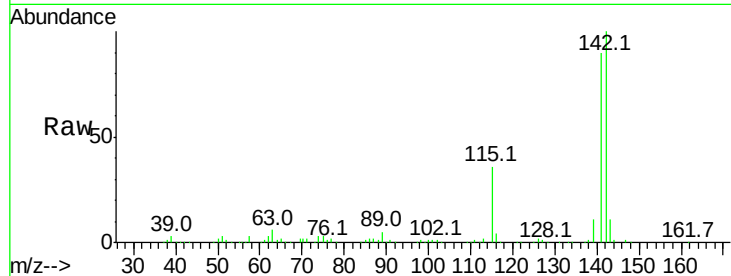




#37
2-Methylnaphthalene
Concen: 51.483 ng
RT: 13.24 min Scan# 1693
Delta R.T. -0.00 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	67.1	100.7
115	36.3	30.7	46.1

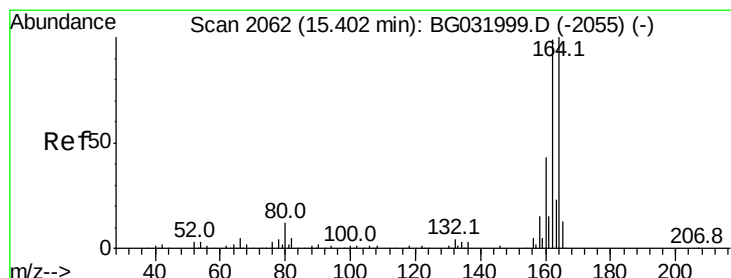
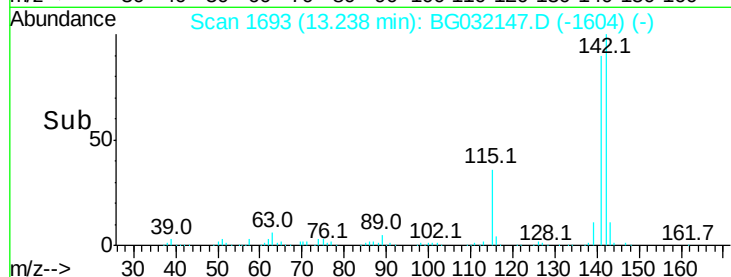
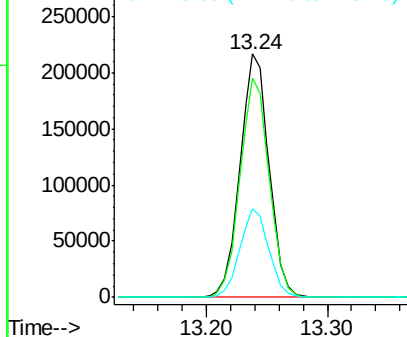


Abundance

Ion 142.00 (141.70 to 142.70): E

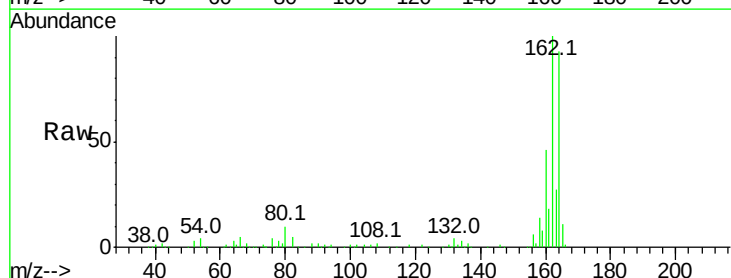
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.38 min Scan# 2058
Delta R.T. 0.00 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.9	78.8	118.2
160	49.6	35.4	53.0

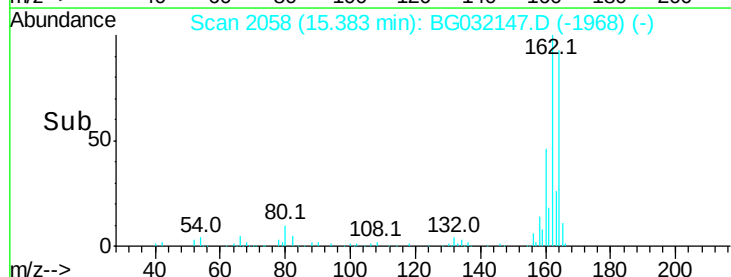
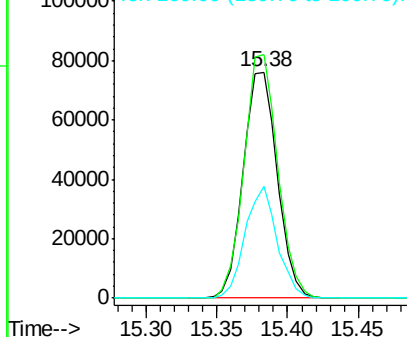


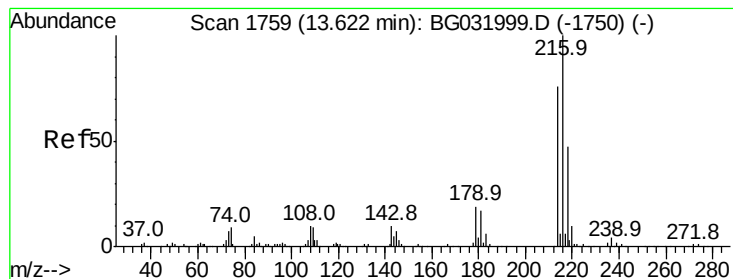
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.934 ng

RT: 13.60 min Scan# 1754

Delta R.T. 0.00 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

Instrument :

BNA_G

ClientSampled :

Tot Ion:216 Resp: 269529

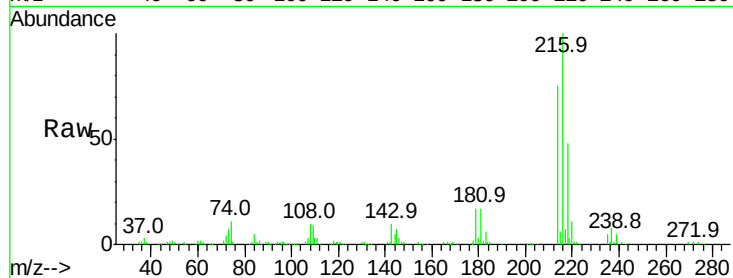
Ion	Ratio	Lower	Upper
216	100		
214	77.5	63.0	94.4
179	18.2	17.0	25.6
108	12.1	12.8	19.2

216 100

214 77.5 63.0 94.4

179 18.2 17.0 25.6

108 12.1 12.8 19.2

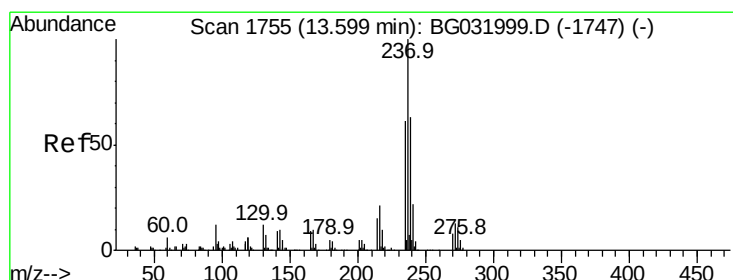
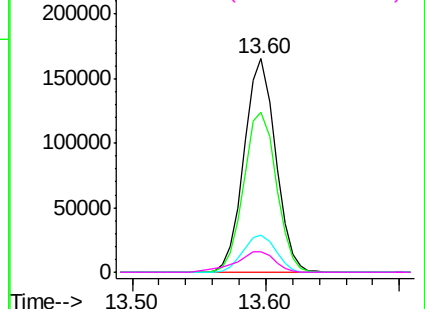
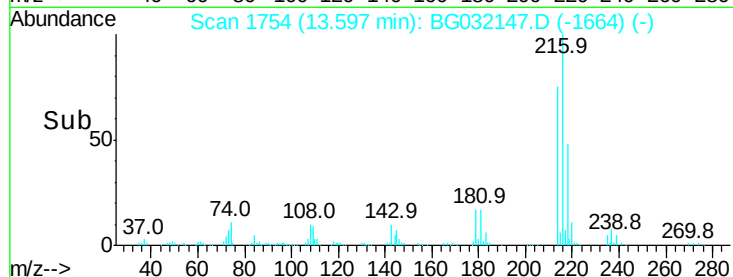


Abundance Ion 216.00 (215.70 to 216.70): E

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: 101.968 ng

RT: 13.57 min Scan# 1750

Delta R.T. 0.00 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

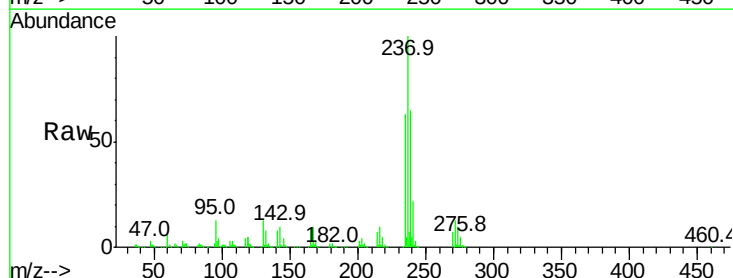
Tgt Ion:237 Resp: 322937

Ion	Ratio	Lower	Upper
237	100		
235	63.2	50.4	90.4
272	13.3	0.0	31.8

237 100

235 63.2 50.4 90.4

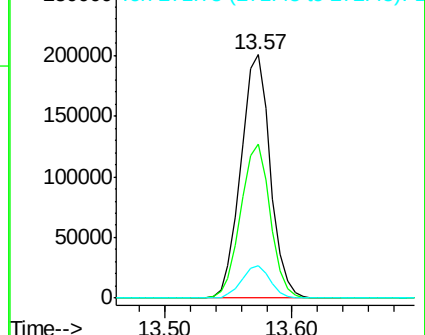
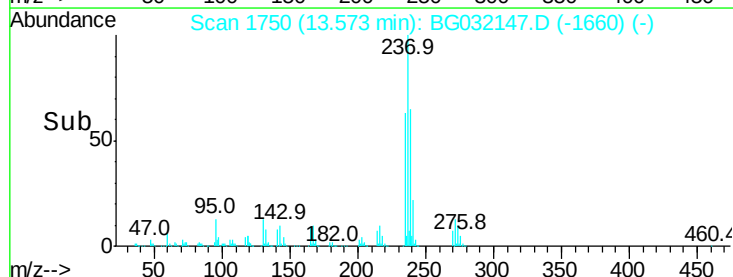
272 13.3 0.0 31.8

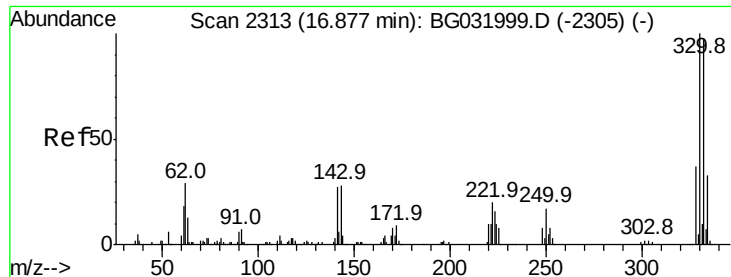


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

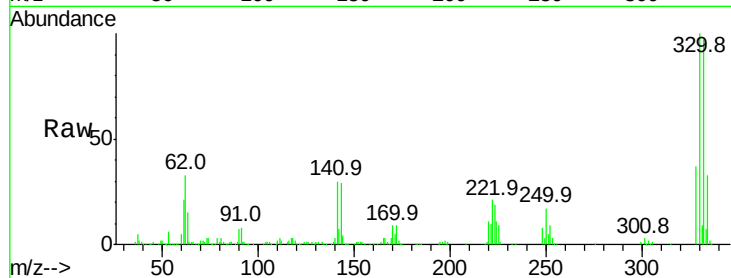




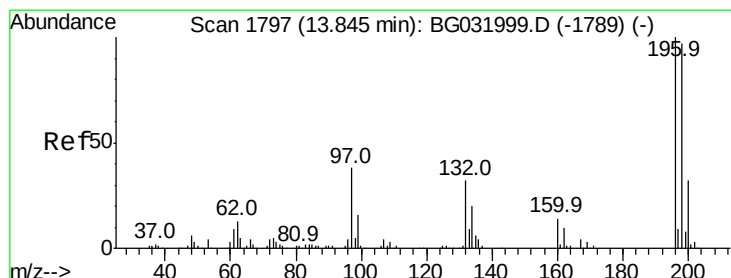
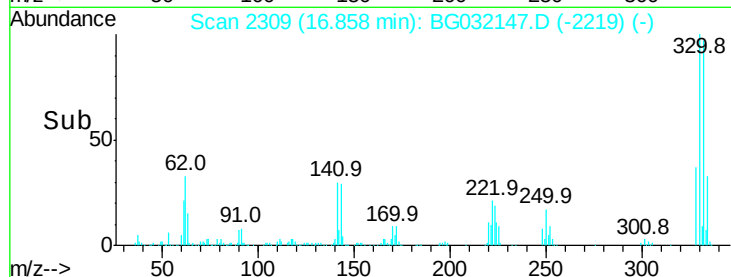
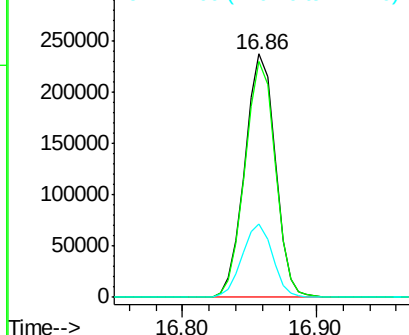
#41
 2,4,6-Tribromophenol
 Concen: 174.743 ng
 RT: 16.86 min Scan# 2309
 Delta R.T. 0.00 min
 Lab File: BG032147.D
 Acq: 18 Jan 2018 22:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 373004
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 30.1 25.2 37.8

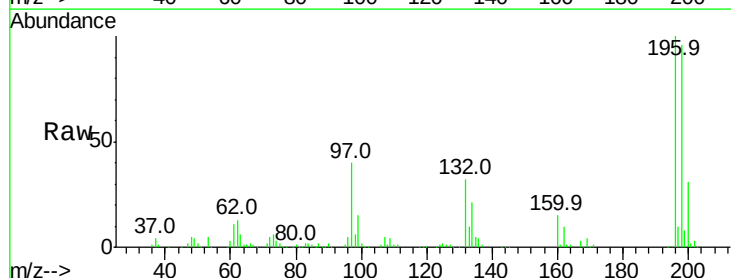


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

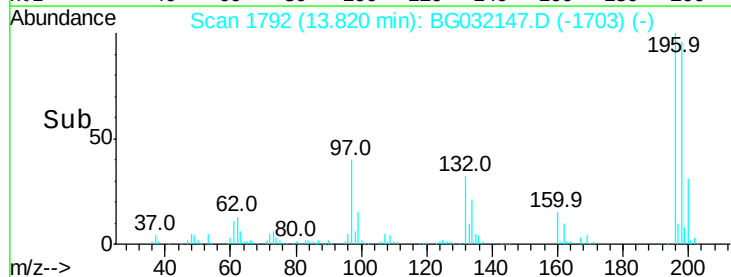
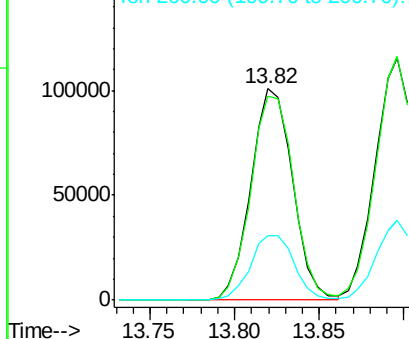


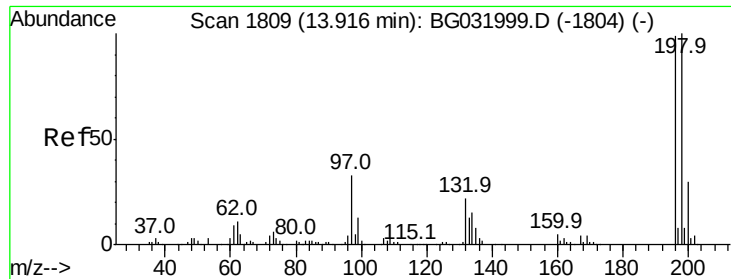
#42
 2,4,6-Trichlorophenol
 Concen: 55.085 ng
 RT: 13.82 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BG032147.D
 Acq: 18 Jan 2018 22:02

Tgt Ion:196 Resp: 174037
 Ion Ratio Lower Upper
 196 100
 198 96.4 78.2 117.2
 200 30.6 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

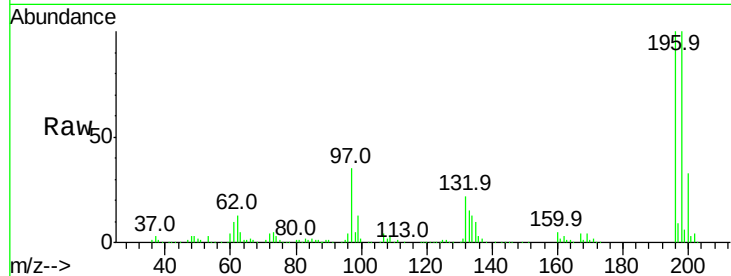




#43
 2,4,5-Trichlorophenol
 Concen: 52.132 ng
 RT: 13.90 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: BG032147.D
 Acq: 18 Jan 2018 22:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	100.2	76.2	114.4
97	35.1	38.7	58.1
132	21.6	20.2	30.2



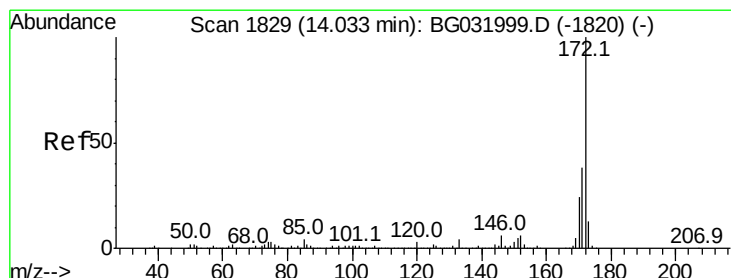
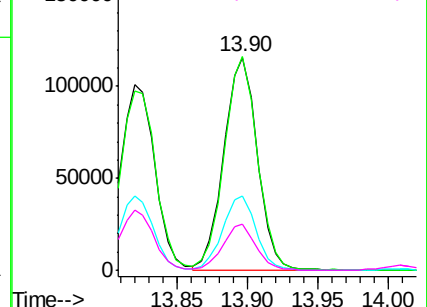
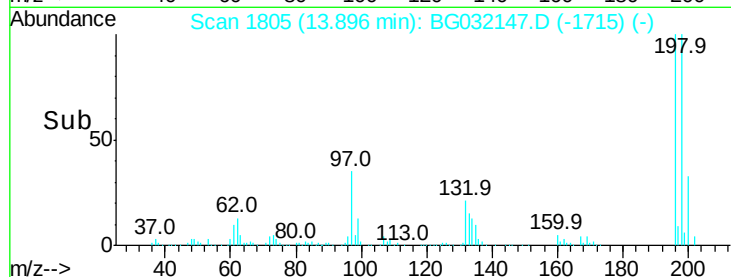
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

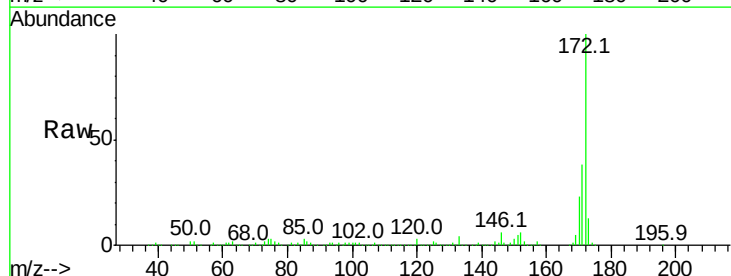
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 88.762 ng
 RT: 14.01 min Scan# 1824
 Delta R.T. 0.00 min
 Lab File: BG032147.D
 Acq: 18 Jan 2018 22:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.0	45.0
170	23.5	19.5	29.3

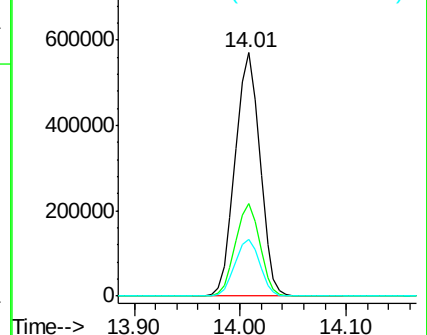
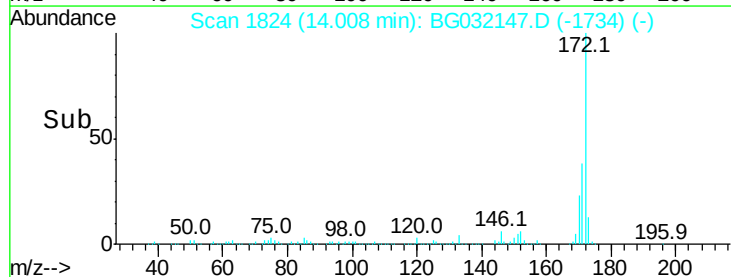


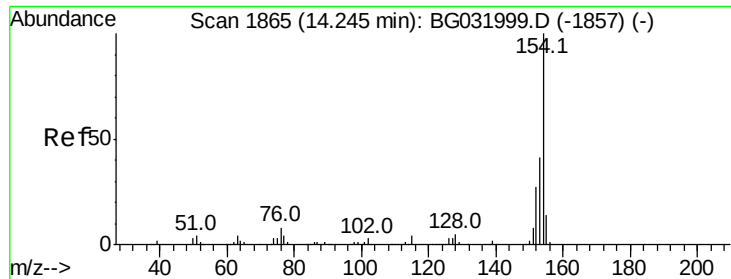
Abundance

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

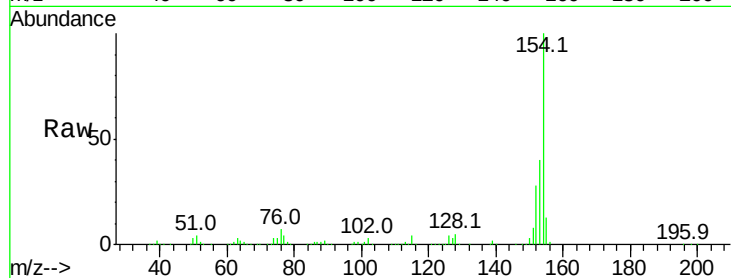




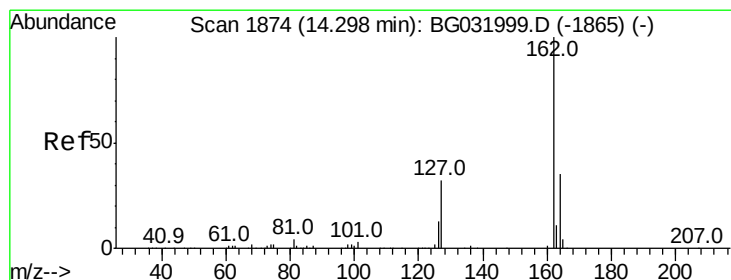
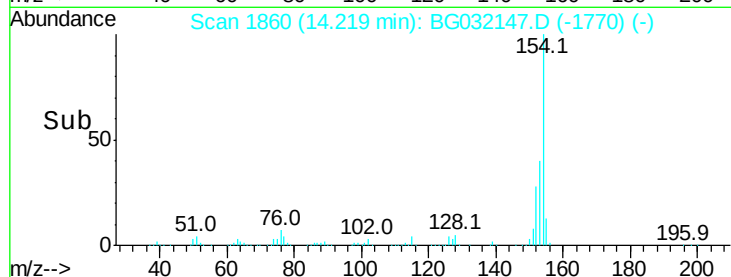
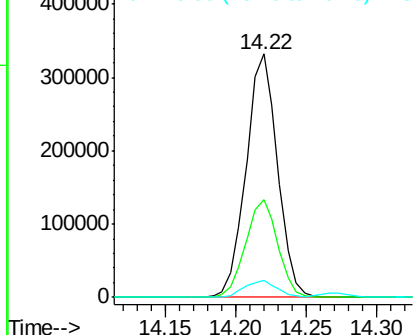
#45
 1,1'-Biphenyl
 Concen: 46.816 ng
 RT: 14.22 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: BG032147.D
 Acq: 18 Jan 2018 22:02

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.3	19.8	59.8
76	7.0	0.0	31.9

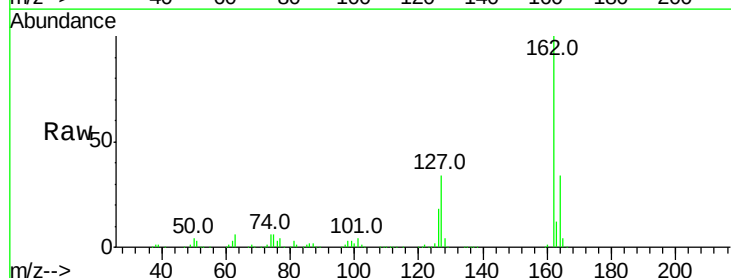


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

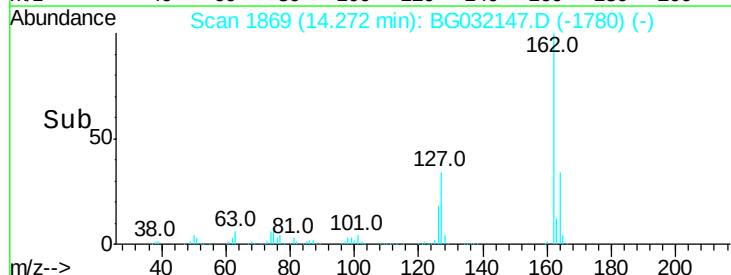
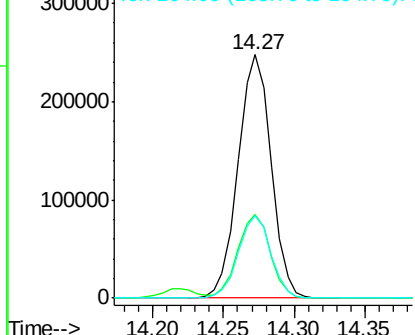


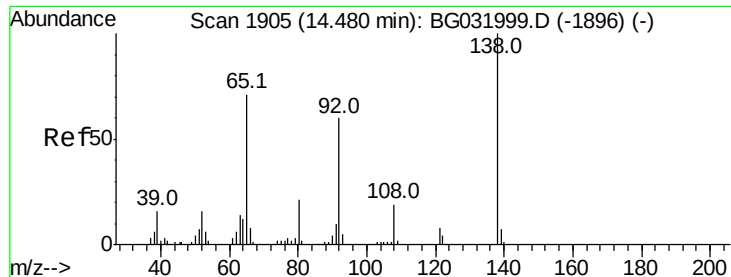
#46
 2-Chloronaphthalene
 Concen: 47.163 ng
 RT: 14.27 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: BG032147.D
 Acq: 18 Jan 2018 22:02

Tgt Ion	Ratio	Lower	Upper
162	100		
127	34.1	30.7	46.1
164	33.7	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

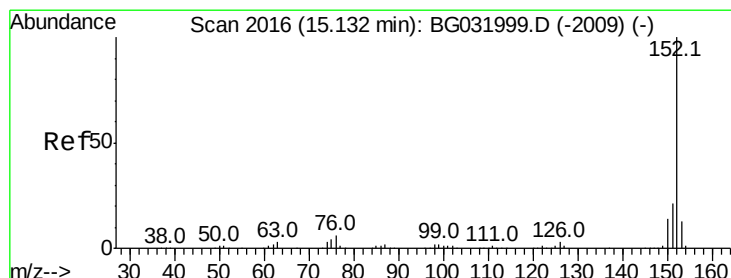
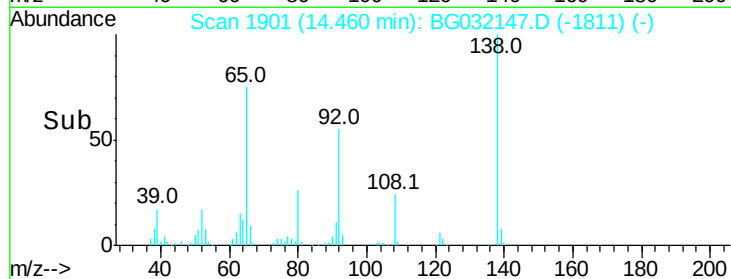
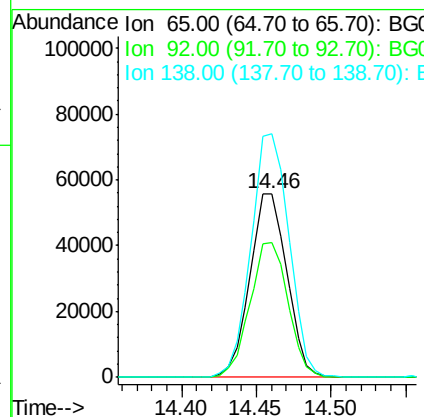
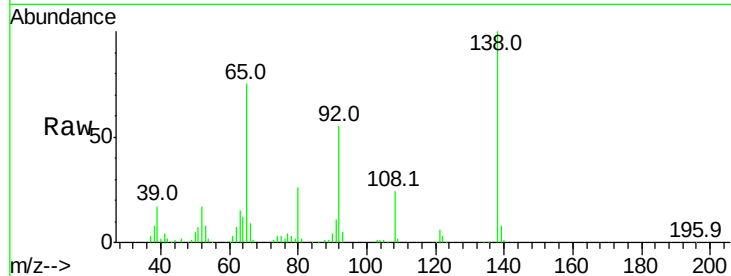




#47
2-Nitroaniline
Concen: 58.273 ng
RT: 14.46 min Scan# 1901
Delta R.T. 0.00 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

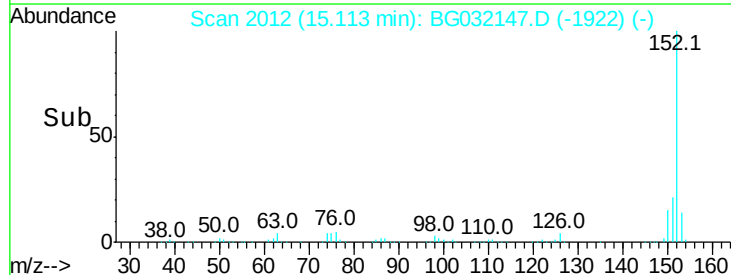
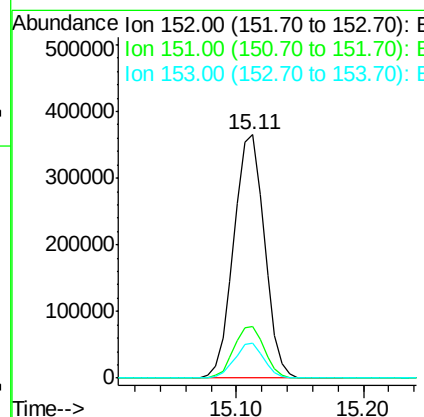
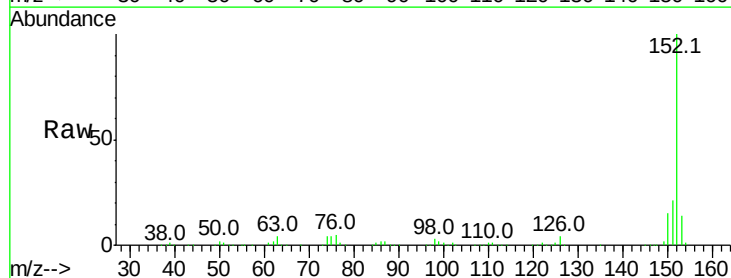
Instrument :
BNA_G
ClientSampled :

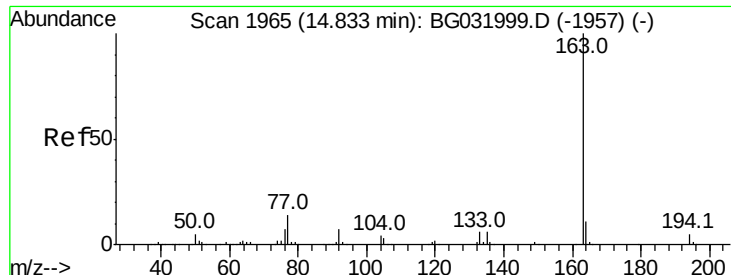
Tot Ion: 65 Resp: 95971
Ion Ratio Lower Upper
65 100
92 73.4 54.6 82.0
138 132.7 72.9 109.3#



#48
Acenaphthylene
Concen: 46.699 ng
RT: 15.11 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

Tgt Ion: 152 Resp: 611772
Ion Ratio Lower Upper
152 100
151 21.5 17.2 25.8
153 14.4 10.2 15.4

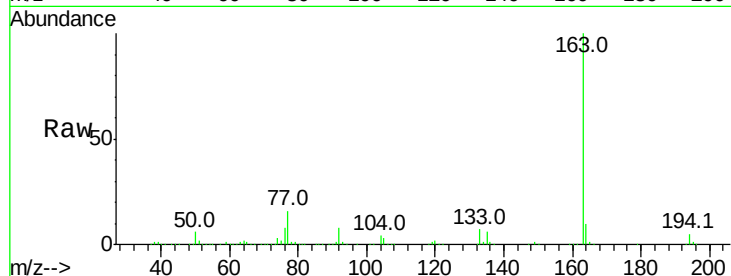




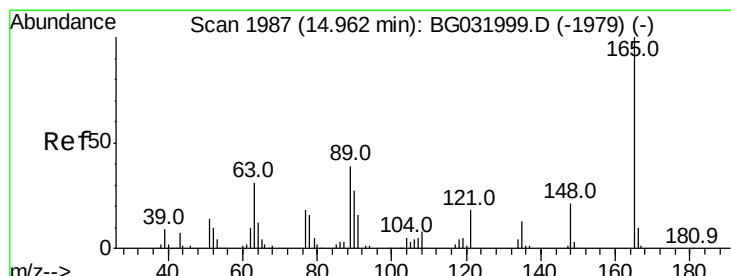
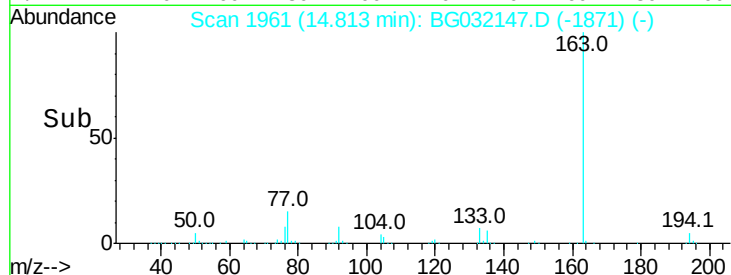
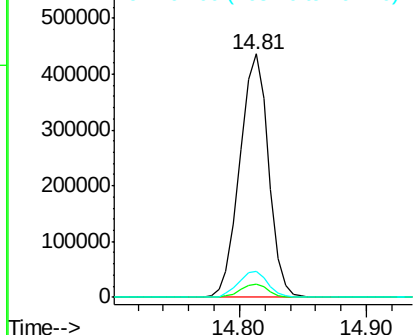
#49
Dimethylphthalate
Concen: 60.593 ng
RT: 14.81 min Scan# 1961
Delta R.T. 0.00 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

Instrument :
BNA_G
ClientSampled :

Tot Ion:163 Resp: 683983
Ion Ratio Lower Upper
163 100
194 5.2 3.4 5.2#
164 10.5 8.2 12.4

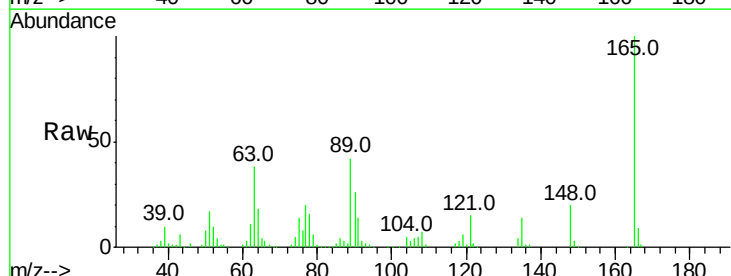


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

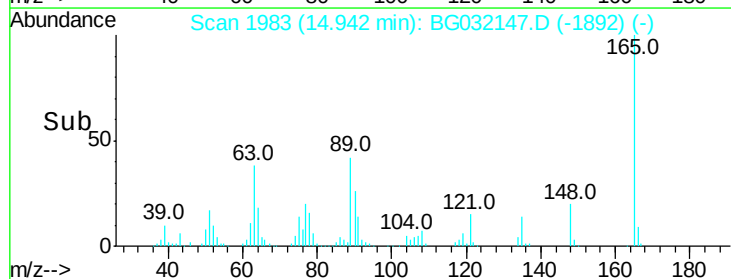
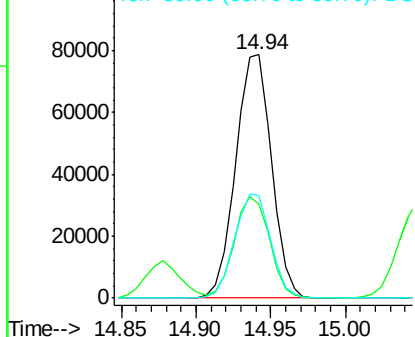


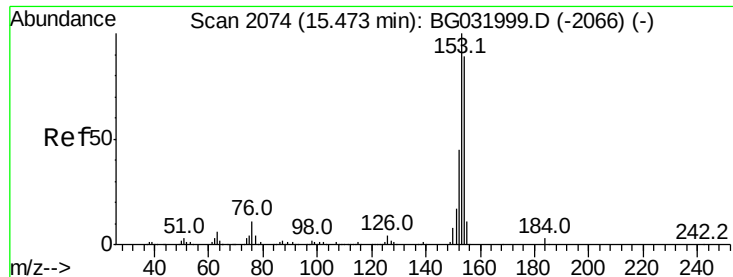
#50
2,6-Dinitrotoluene
Concen: 55.961 ng
RT: 14.94 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

Tgt Ion:165 Resp: 131118
Ion Ratio Lower Upper
165 100
63 38.5 52.7 79.1#
89 42.0 49.2 73.8#



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





#51

Acenaphthene

Concen: 45.816 ng

RT: 15.45 min Scan# 2069

Delta R.T. 0.00 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

Instrument :

BNA_G

ClientSampleId :

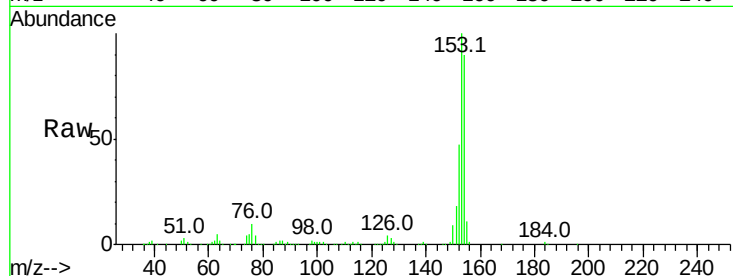
Tot Ion:154 Resp: 396883

Ion Ratio Lower Upper

154 100

153 110.9 90.4 135.6

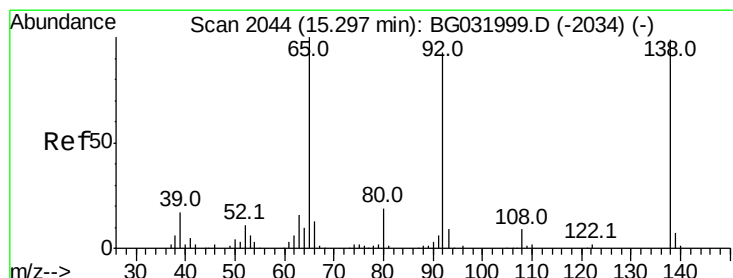
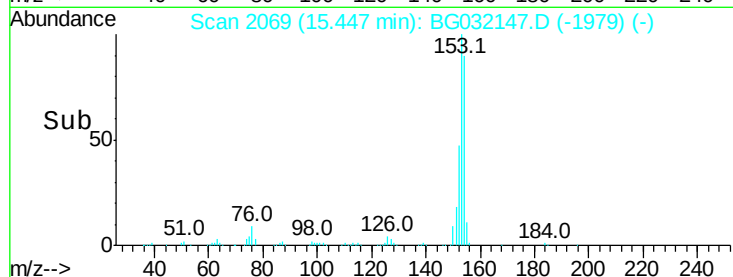
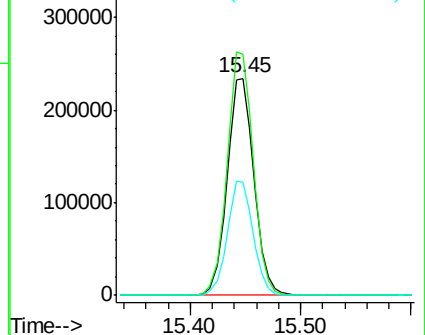
152 52.0 41.6 62.4



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: 45.527 ng

RT: 15.27 min Scan# 2039

Delta R.T. 0.00 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

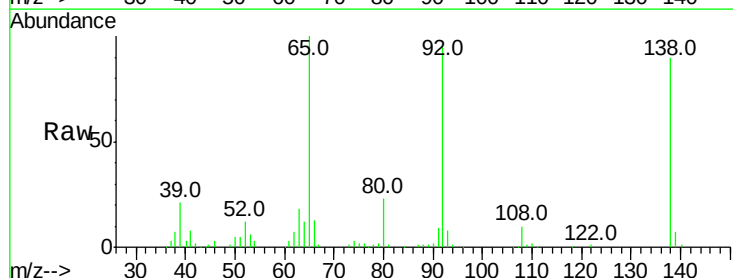
Tgt Ion:138 Resp: 96344

Ion Ratio Lower Upper

138 100

108 11.1 17.5 26.3#

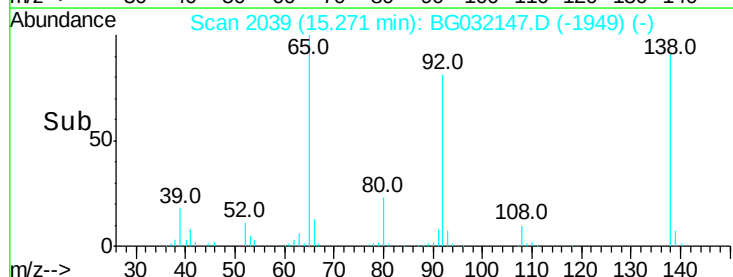
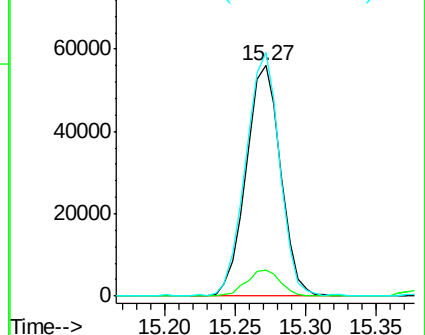
92 105.7 105.8 158.8#

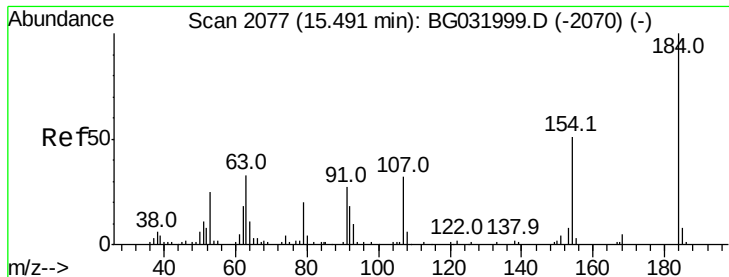


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

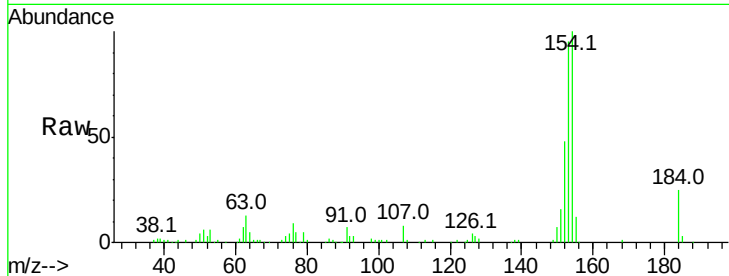




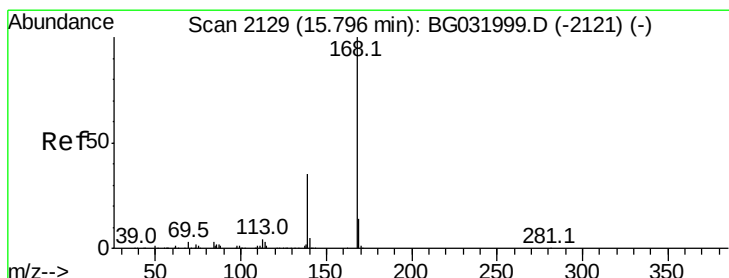
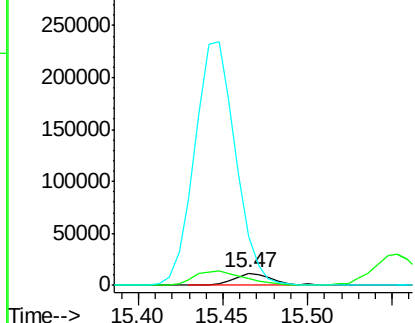
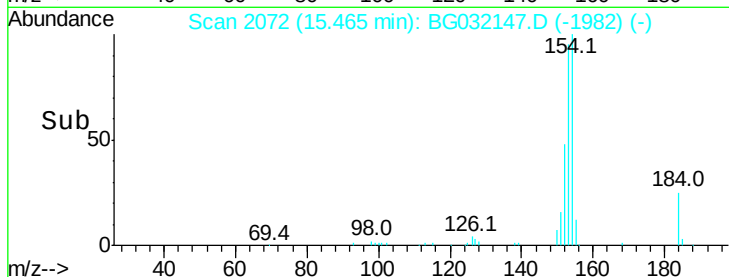
#53
 2,4-Dinitrophenol
 Concen: 21.666 ng
 RT: 15.47 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: BG032147.D
 Acq: 18 Jan 2018 22:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 18928
 Ion Ratio Lower Upper
 184 100
 63 50.8 59.8 89.8#
 154 396.8 101.8 152.8#

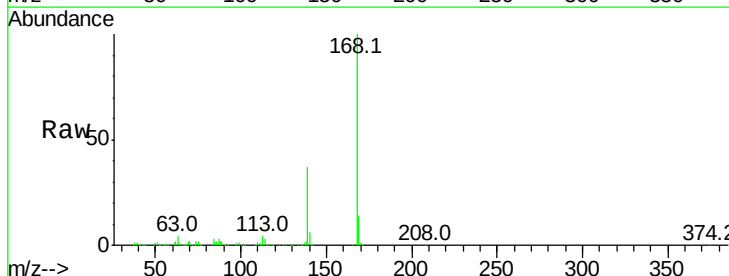


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

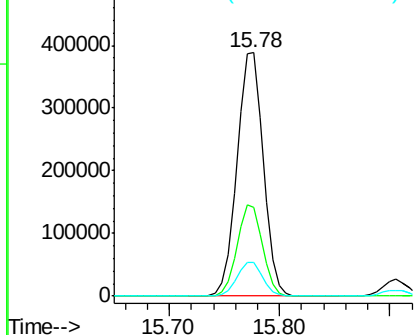
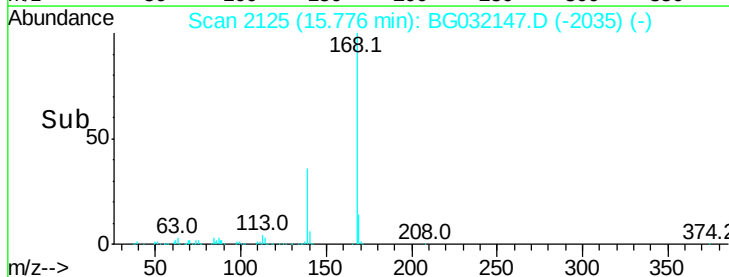


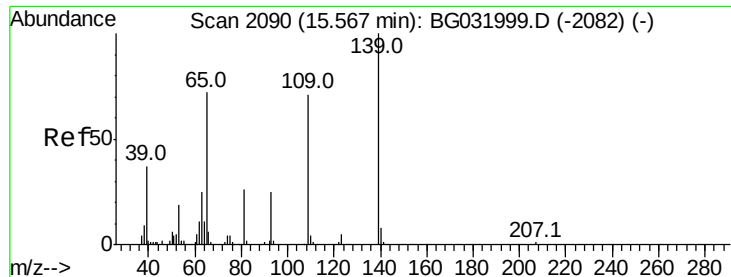
#54
 Dibenzofuran
 Concen: 50.205 ng
 RT: 15.78 min Scan# 2125
 Delta R.T. 0.00 min
 Lab File: BG032147.D
 Acq: 18 Jan 2018 22:02

Tgt Ion:168 Resp: 648761
 Ion Ratio Lower Upper
 168 100
 139 36.6 28.6 43.0
 169 14.0 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

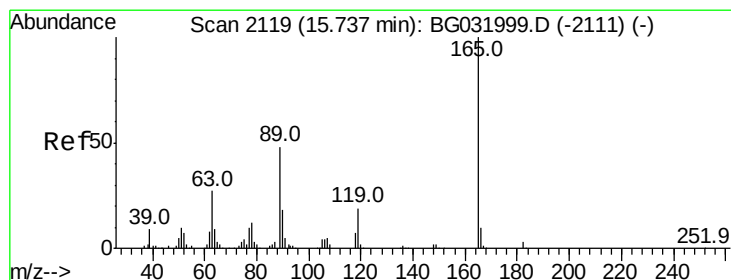
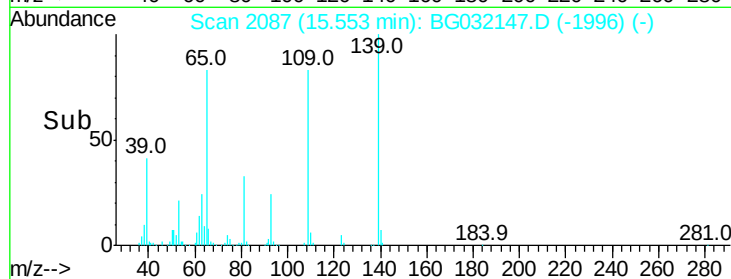
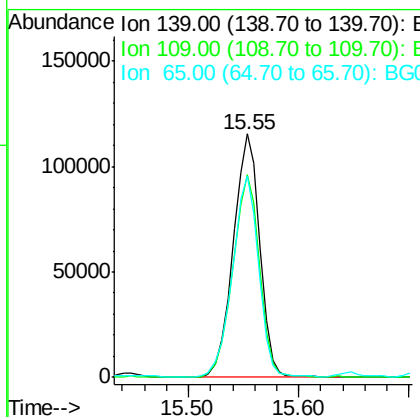
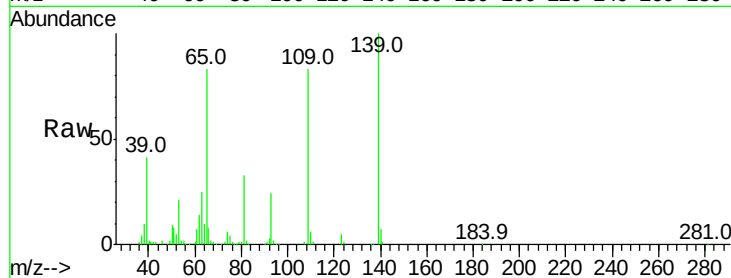




#55
4-Nitrophenol
Concen: 126.390 ng
RT: 15.55 min Scan# 2087
Delta R.T. 0.01 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

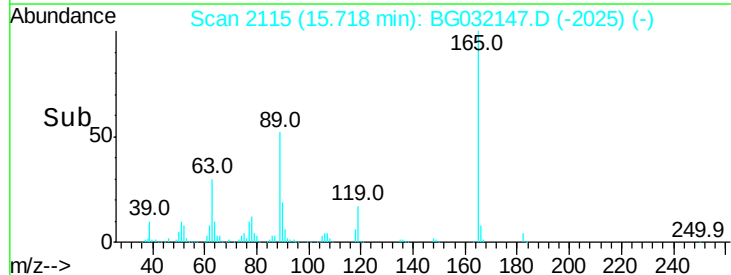
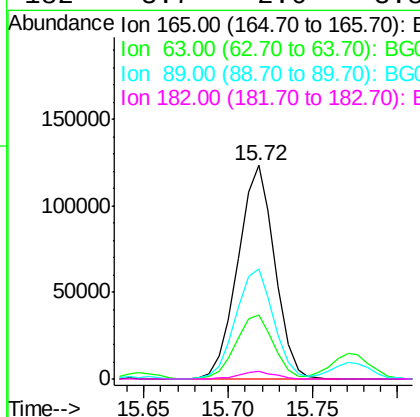
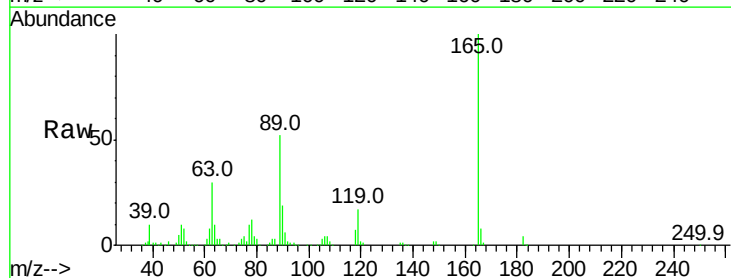
Instrument :
BNA_G
ClientSampleId :

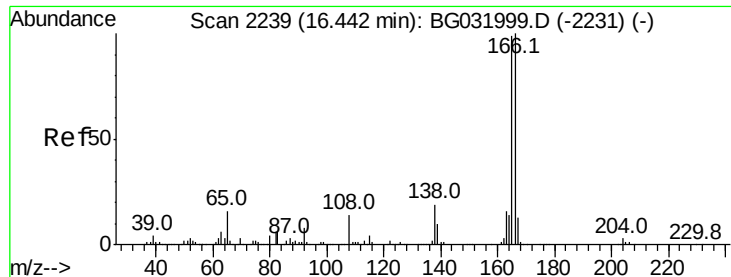
Tot Ion	Ratio	Lower	Upper
139	100		
109	83.3	62.2	102.2
65	82.8	97.2	137.2



#56
2,4-Dinitrotoluene
Concen: 59.339 ng
RT: 15.72 min Scan# 2115
Delta R.T. 0.00 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	29.8	42.0	63.0
89	51.8	66.9	100.3
182	3.7	2.6	3.8





#57

Fluorene

Concen: 50.089 ng

RT: 16.42 min Scan# 2234

Delta R.T. 0.00 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

Instrument :

BNA_G

ClientSampleId :

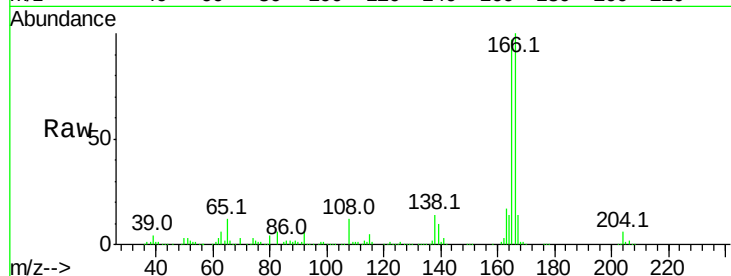
Tot Ion:166 Resp: 530853

Ion Ratio Lower Upper

166 100

165 96.7 80.6 121.0

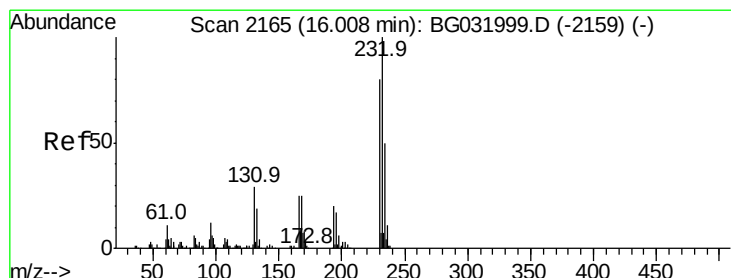
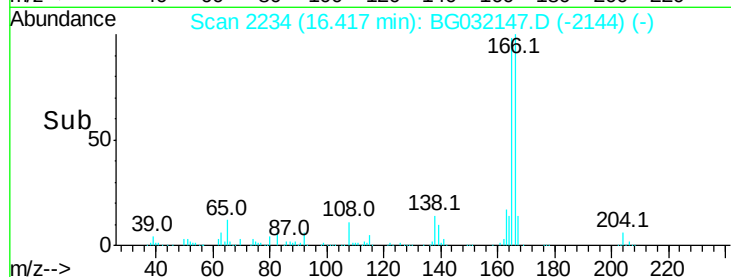
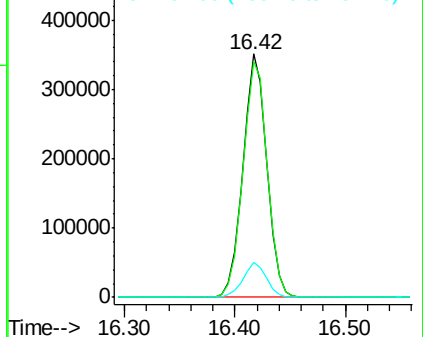
167 14.2 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 61.929 ng

RT: 15.99 min Scan# 2161

Delta R.T. 0.00 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

Tgt Ion:232 Resp: 209506

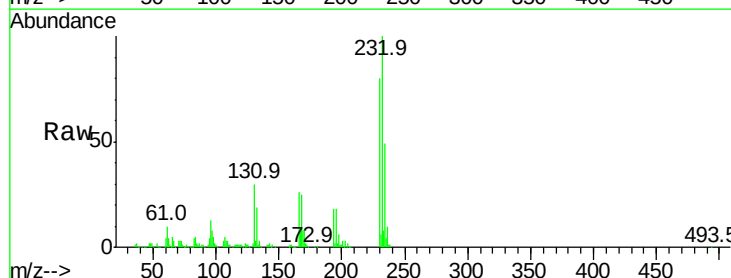
Ion Ratio Lower Upper

232 100

131 30.5 33.5 50.3#

130 2.1 2.2 3.2#

166 25.4 24.8 37.2

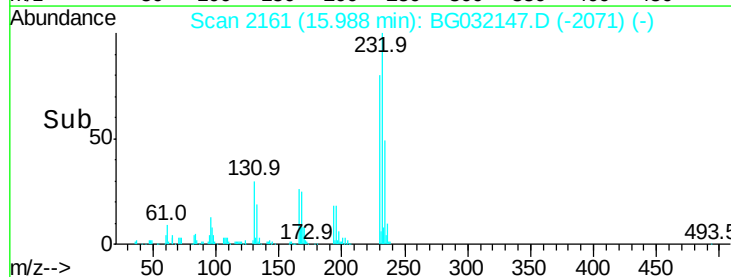
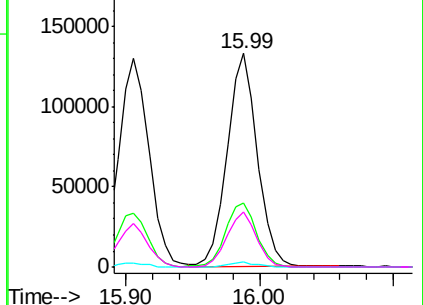


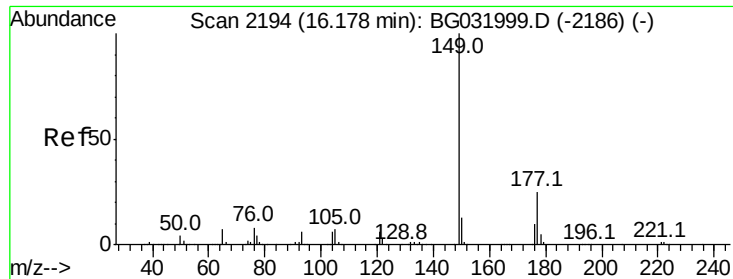
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

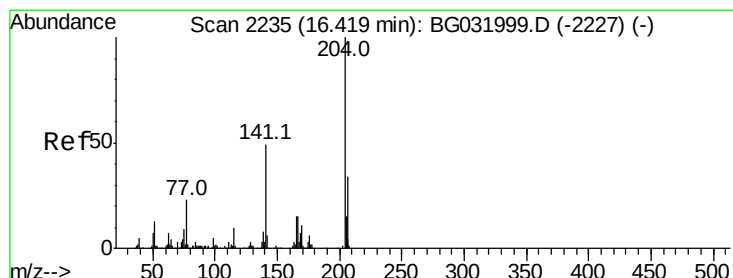
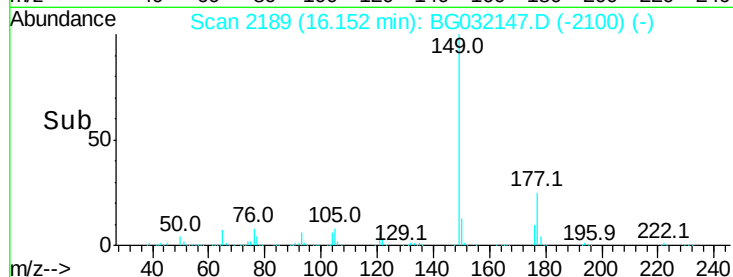
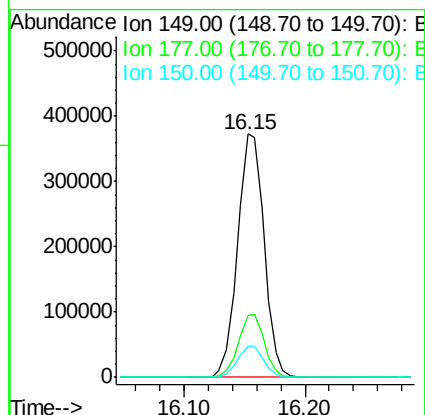
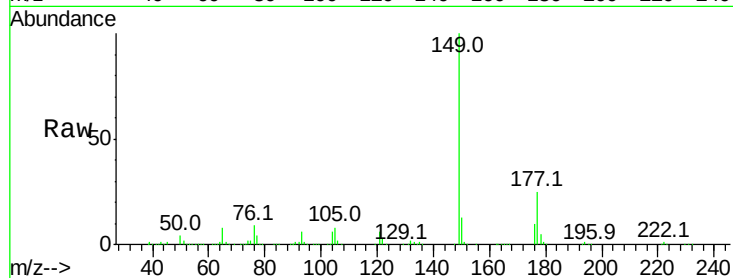




#59
Diethylphthalate
Concen: 52.092 ng
RT: 16.15 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

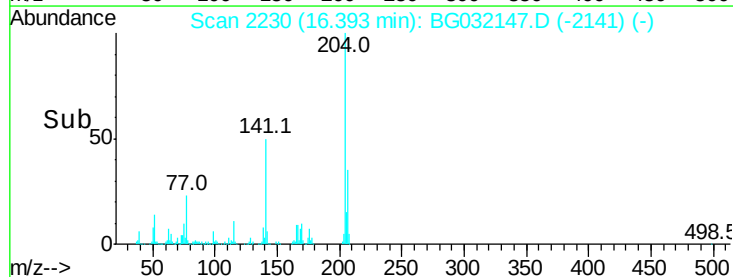
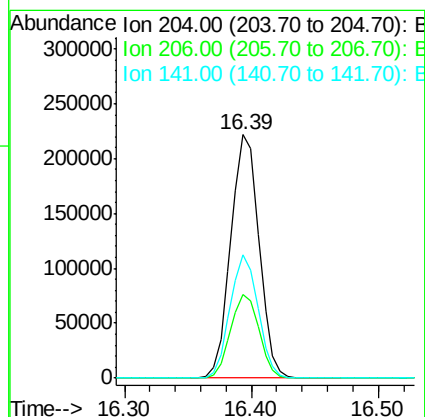
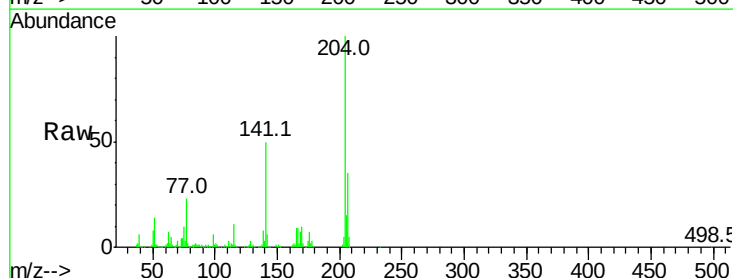
Instrument :
BNA_G
ClientSampled :

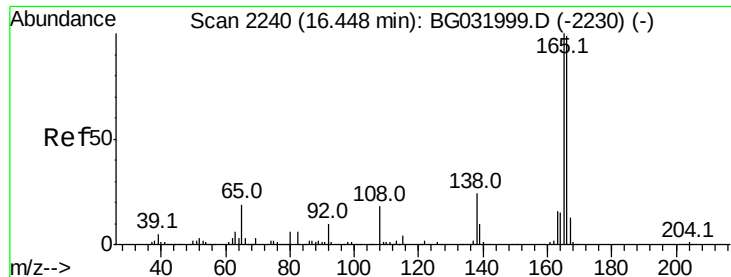
Tot Ion:149 Resp: 570061
Ion Ratio Lower Upper
149 100
177 25.4 18.5 27.7
150 12.9 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 52.372 ng
RT: 16.39 min Scan# 2230
Delta R.T. -0.00 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

Tgt Ion:204 Resp: 340484
Ion Ratio Lower Upper
204 100
206 34.5 26.2 39.2
141 50.4 45.8 68.6

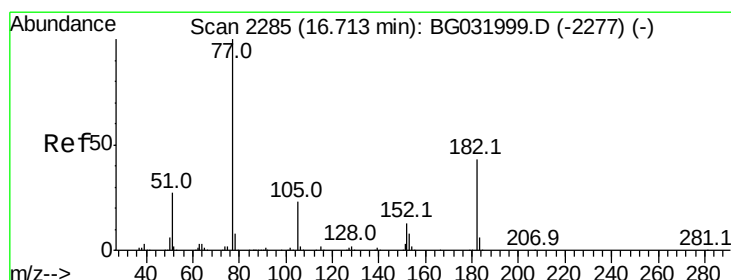
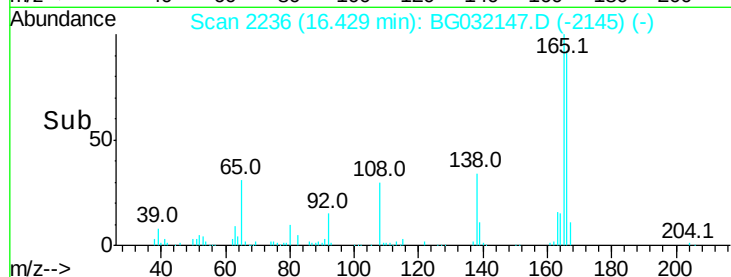
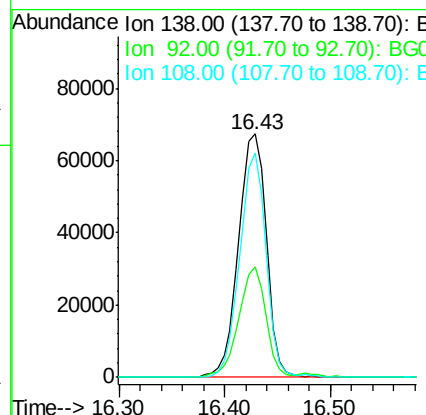
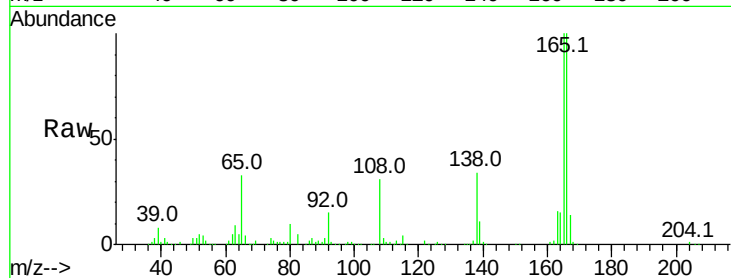




#61
4-Nitroaniline
Concen: 60.484 ng
RT: 16.43 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

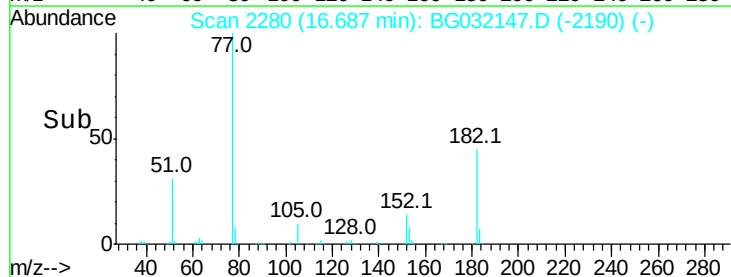
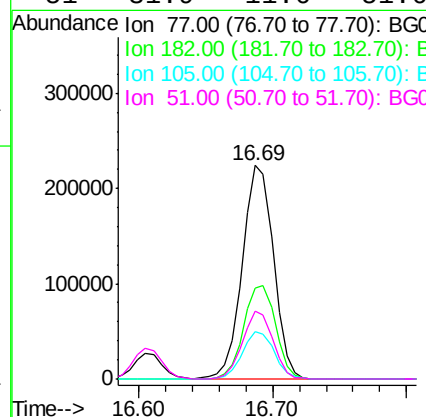
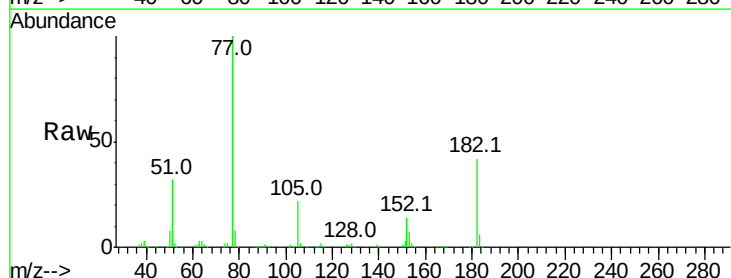
Instrument :
BNA_G
ClientSampleId :

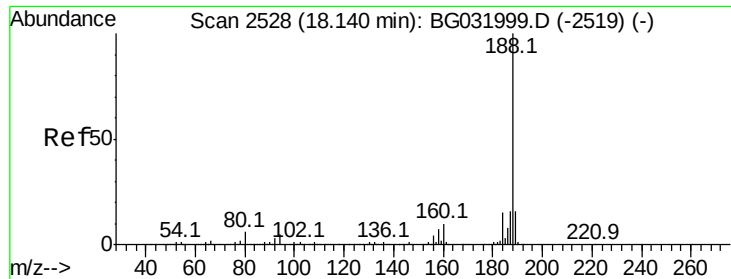
Tot Ion:138 Resp: 122783
Ion Ratio Lower Upper
138 100
92 45.4 40.1 80.1
108 92.3 65.4 105.4



#62
Azobenzene
Concen: 52.819 ng
RT: 16.69 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

Tgt Ion: 77 Resp: 361788
Ion Ratio Lower Upper
77 100
182 42.4 7.4 47.4
105 22.0 0.3 40.3
51 31.9 11.6 51.6

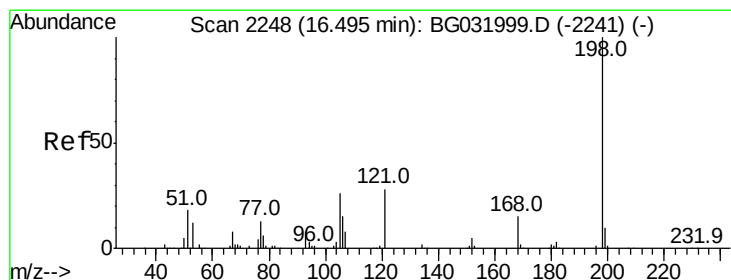
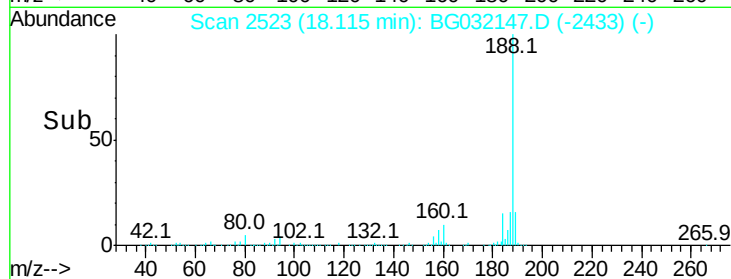
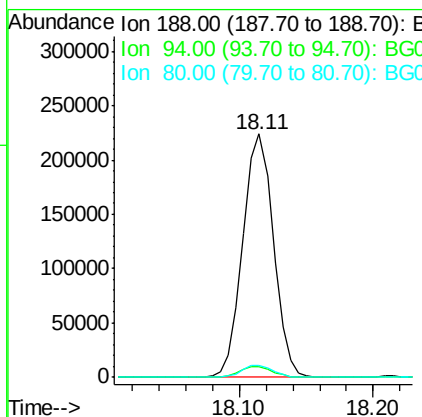
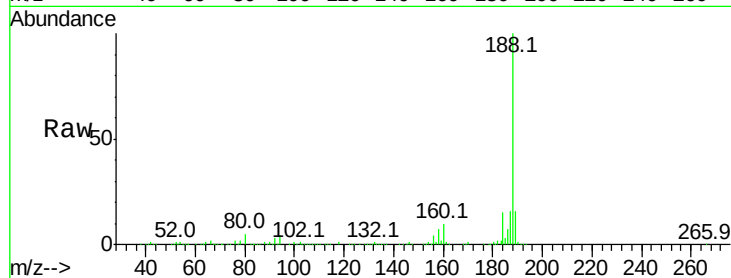




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.11 min Scan# 2523
 Delta R.T. 0.00 min
 Lab File: BG032147.D
 Acq: 18 Jan 2018 22:02

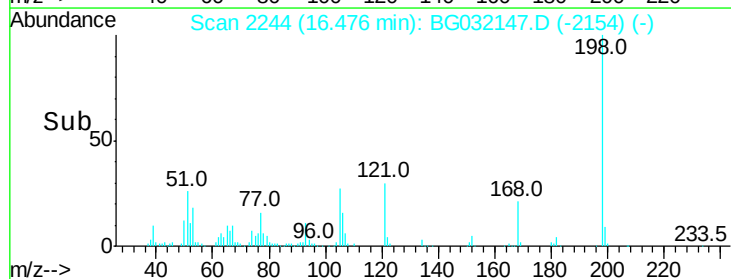
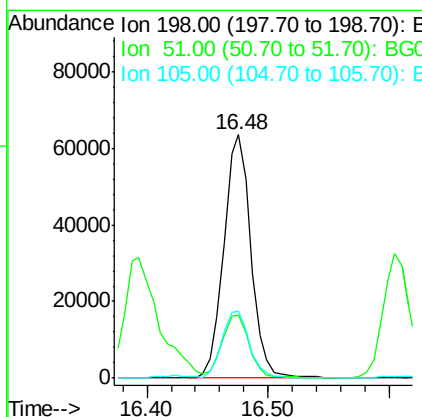
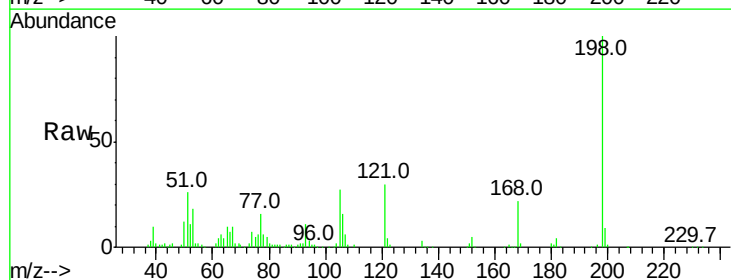
Instrument :
 BNA_G
 ClientSampleId :

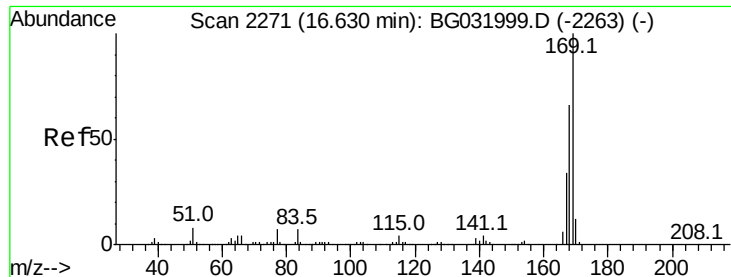
Tot Ion:188 Resp: 355952
 Ion Ratio Lower Upper
 188 100
 94 4.4 6.9 10.3#
 80 5.0 7.7 11.5#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 43.733 ng
 RT: 16.48 min Scan# 2244
 Delta R.T. 0.00 min
 Lab File: BG032147.D
 Acq: 18 Jan 2018 22:02

Tgt Ion:198 Resp: 98538
 Ion Ratio Lower Upper
 198 100
 51 25.9 30.6 70.6#
 105 27.4 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 47.291 ng

RT: 16.60 min Scan# 2266

Delta R.T. 0.00 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

Instrument :

BNA_G

ClientSampleId :

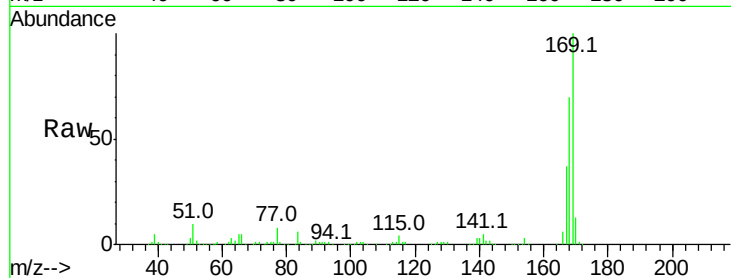
Tot Ion:169 Resp: 510792

Ion Ratio Lower Upper

169 100

168 70.0 55.7 83.5

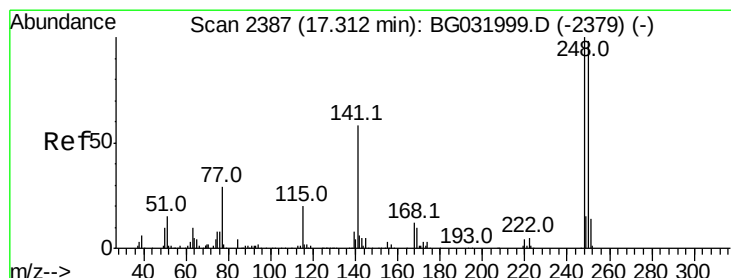
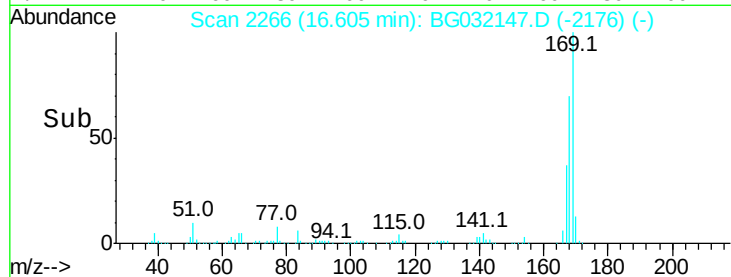
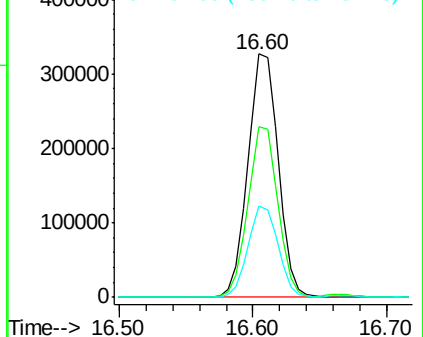
167 37.4 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 49.328 ng

RT: 17.29 min Scan# 2382

Delta R.T. -0.00 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

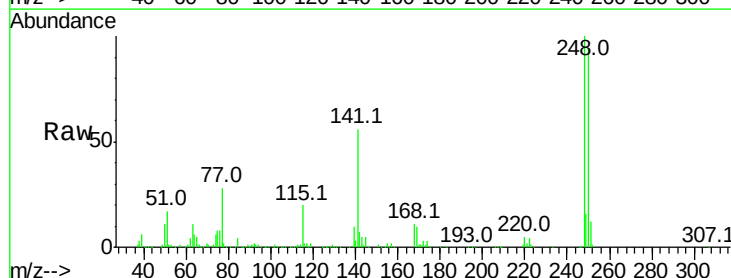
Tgt Ion:248 Resp: 249822

Ion Ratio Lower Upper

248 100

250 94.3 77.1 115.7

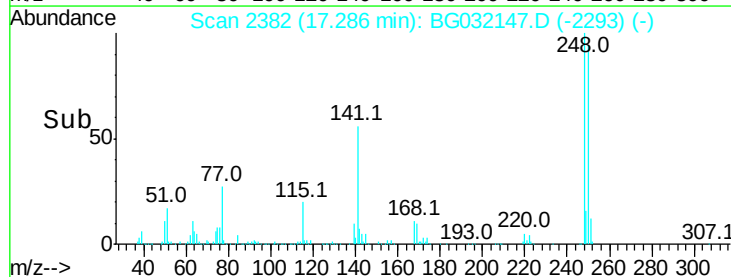
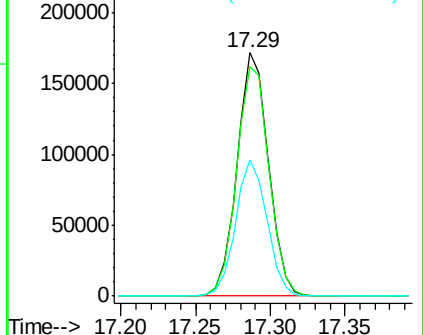
141 55.8 50.8 76.2

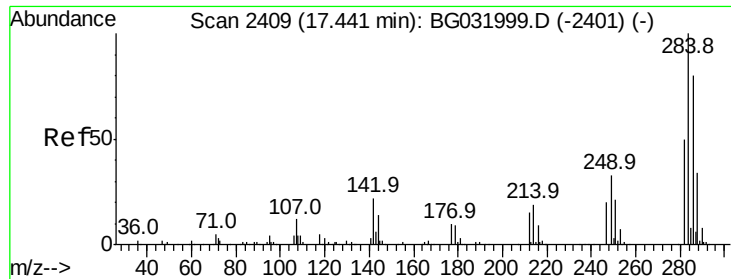


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

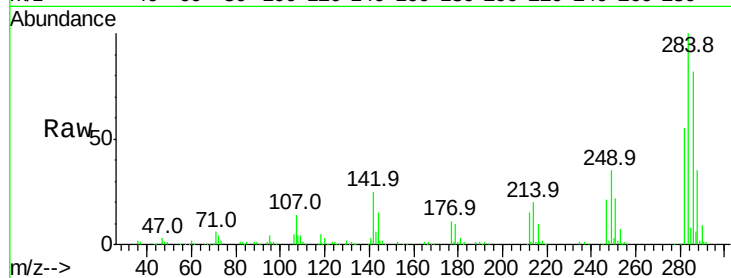




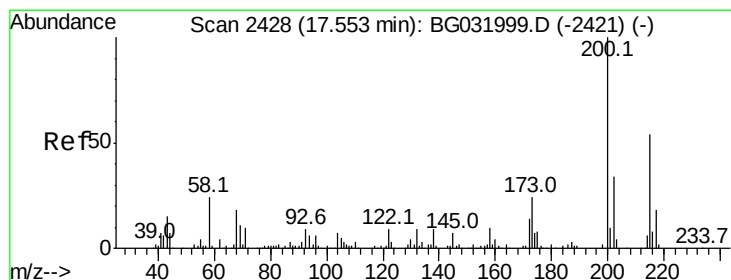
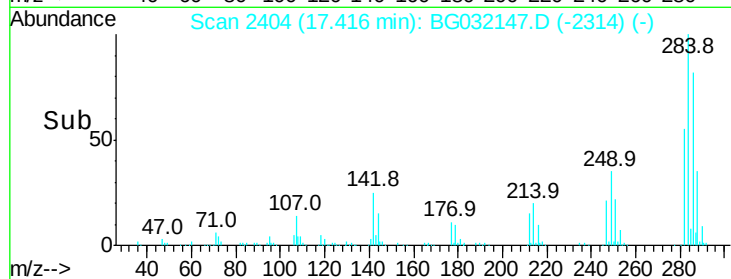
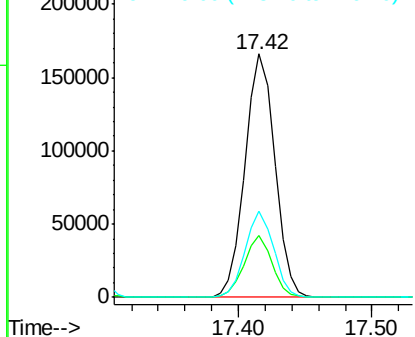
#67
Hexachlorobenzene
Concen: 45.692 ng
RT: 17.42 min Scan# 2404
Delta R.T. 0.00 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:284 Resp: 256018
Ion Ratio Lower Upper
284 100
142 25.4 26.8 40.2#
249 35.5 26.3 39.5

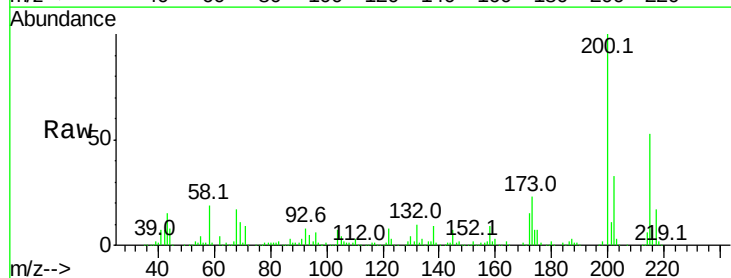


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

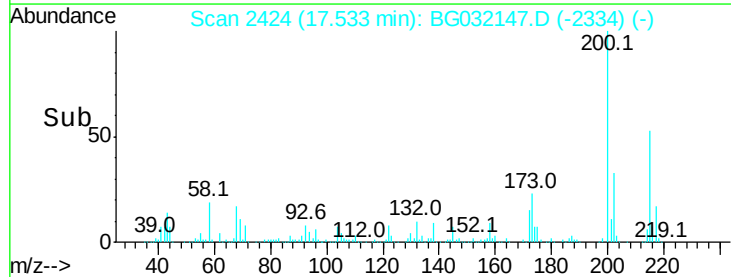
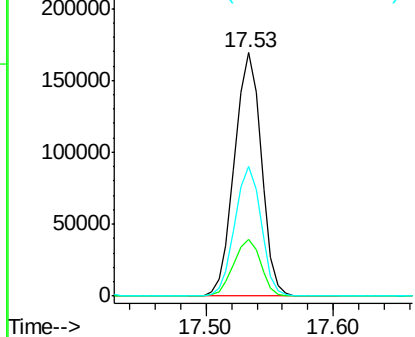


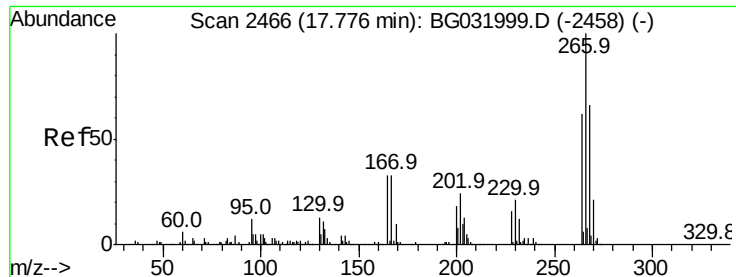
#68
Atrazine
Concen: 54.531 ng
RT: 17.53 min Scan# 2424
Delta R.T. 0.00 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

Tgt Ion:200 Resp: 247700
Ion Ratio Lower Upper
200 100
173 23.4 5.2 45.2
215 53.1 30.4 70.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

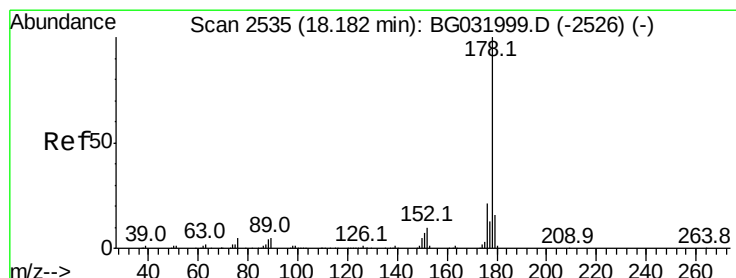
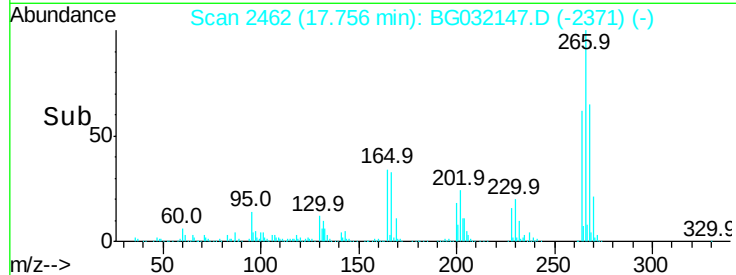
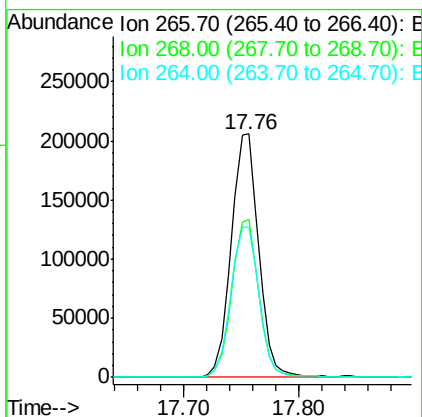
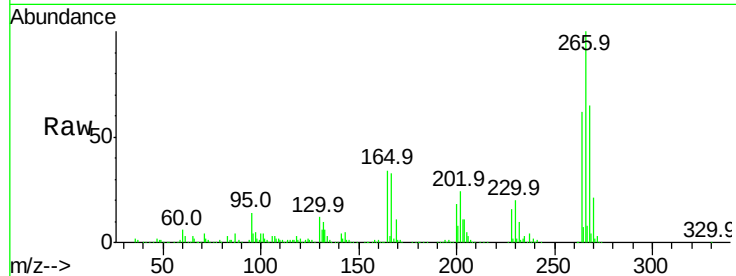




#69
 Pentachlorophenol
 Concen: 94.705 ng
 RT: 17.76 min Scan# 2462
 Delta R.T. 0.01 min
 Lab File: BG032147.D
 Acq: 18 Jan 2018 22:02

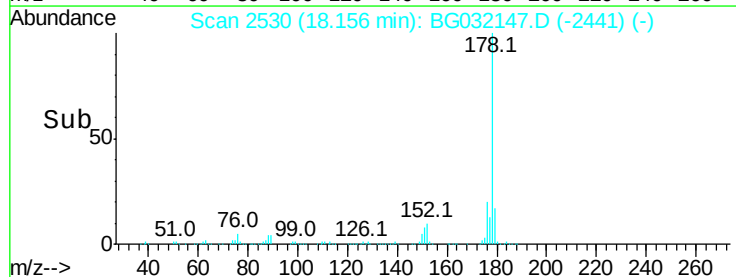
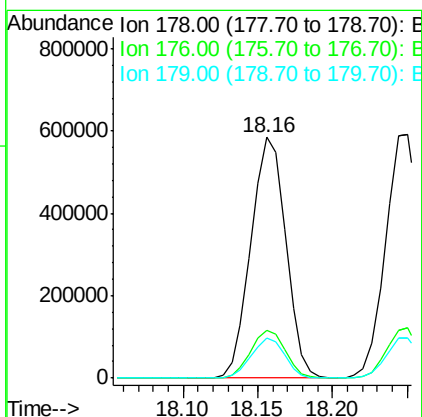
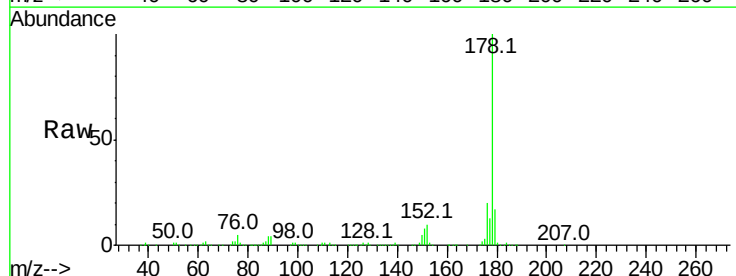
Instrument :
 BNA_G
 ClientSampleId :

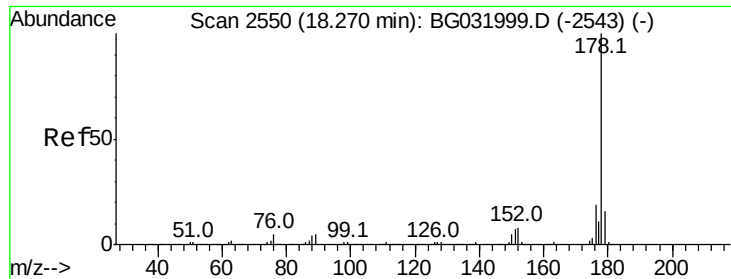
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.7	51.1	76.7
264	61.9	49.6	74.4



#70
 Phenanthrene
 Concen: 47.658 ng
 RT: 18.16 min Scan# 2530
 Delta R.T. -0.00 min
 Lab File: BG032147.D
 Acq: 18 Jan 2018 22:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.7	23.5
179	16.6	12.5	18.7

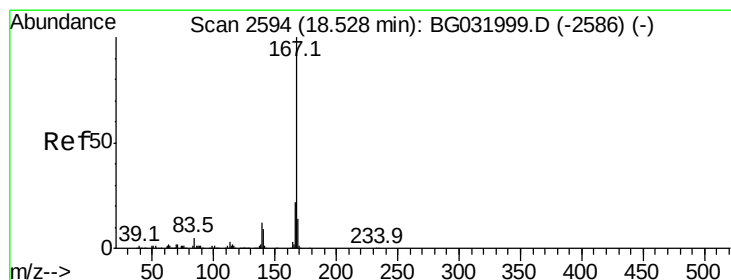
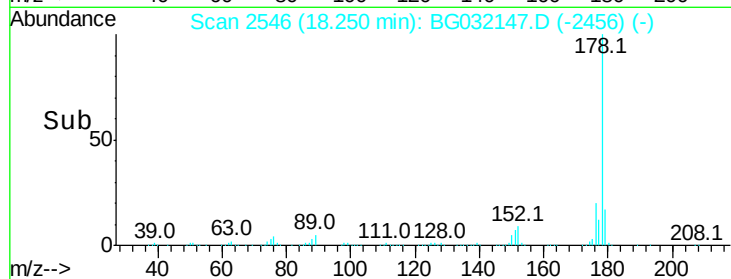
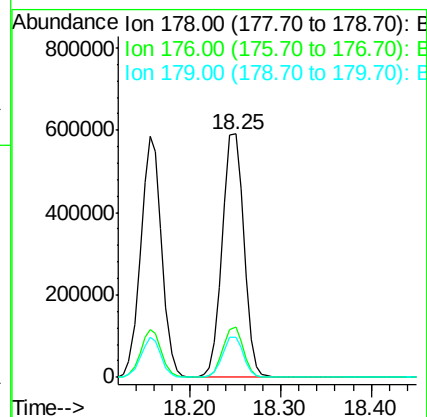
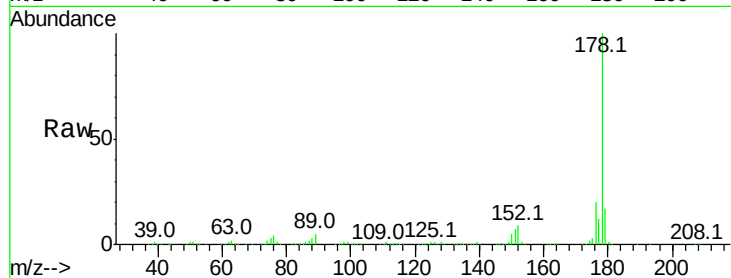




#71
 Anthracene
 Concen: 49.479 ng
 RT: 18.25 min Scan# 2546
 Delta R.T. 0.00 min
 Lab File: BG032147.D
 Acq: 18 Jan 2018 22:02

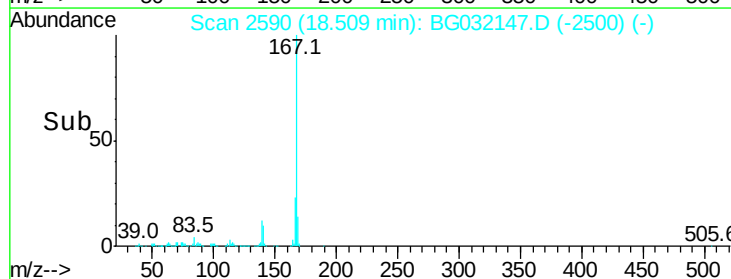
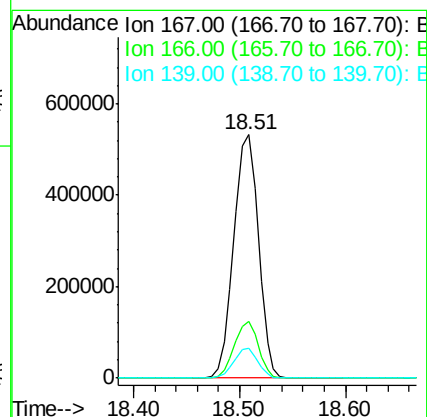
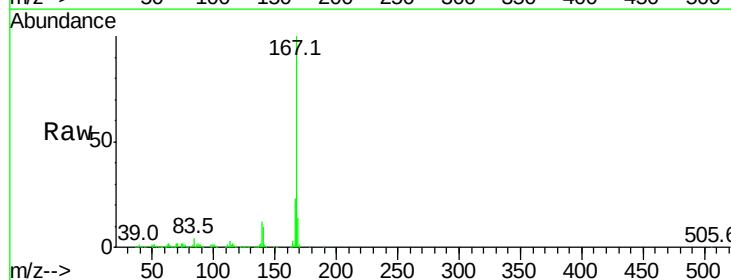
Instrument :
 BNA_G
 ClientSampleId :

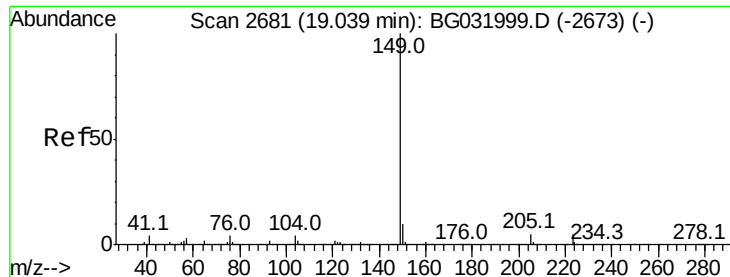
Tot Ion:178 Resp: 978023
 Ion Ratio Lower Upper
 178 100
 176 20.5 16.0 24.0
 179 16.6 12.5 18.7



#72
 Carbazole
 Concen: 50.147 ng
 RT: 18.51 min Scan# 2590
 Delta R.T. 0.00 min
 Lab File: BG032147.D
 Acq: 18 Jan 2018 22:02

Tgt Ion:167 Resp: 859875
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.2 27.4
 139 12.5 9.4 14.2





#73

Di-n-butylphthalate

Concen: 47.655 ng

RT: 19.01 min Scan# 2676

Delta R.T. 0.00 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

Instrument :

BNA_G

ClientSampleId :

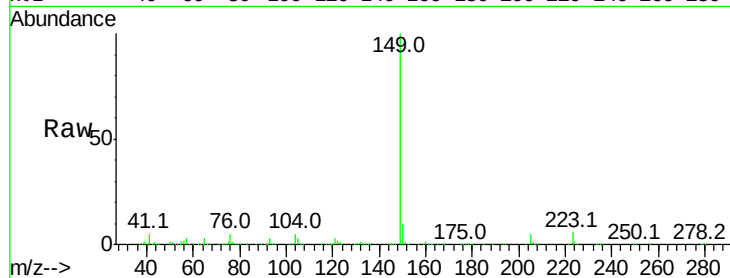
Tot Ion:149 Resp: 965573

Ion Ratio Lower Upper

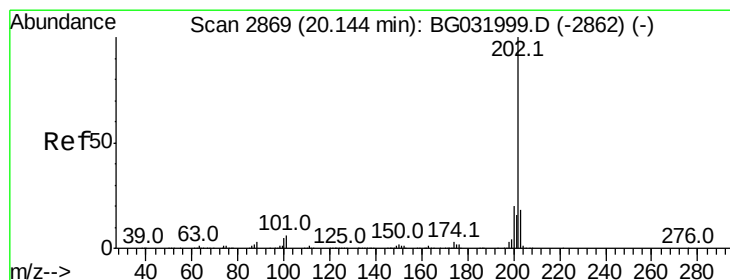
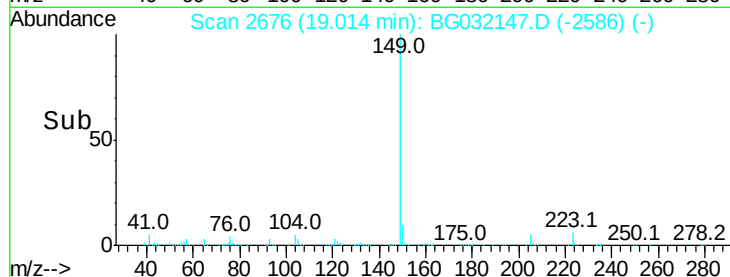
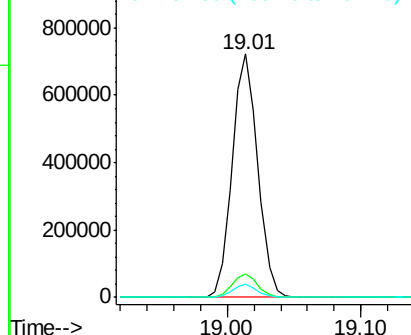
149 100

150 9.8 7.8 11.6

104 5.2 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: 50.025 ng

RT: 20.12 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

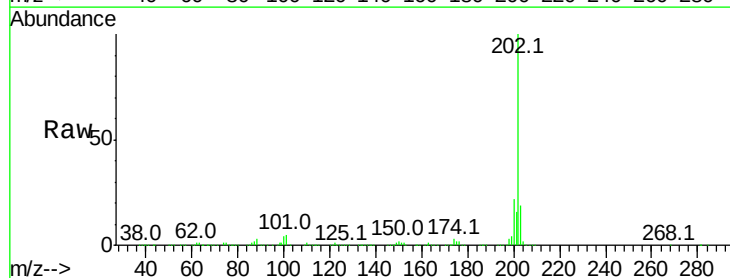
Tgt Ion:202 Resp: 1241289

Ion Ratio Lower Upper

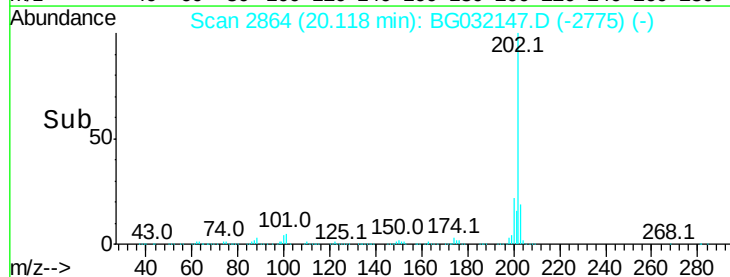
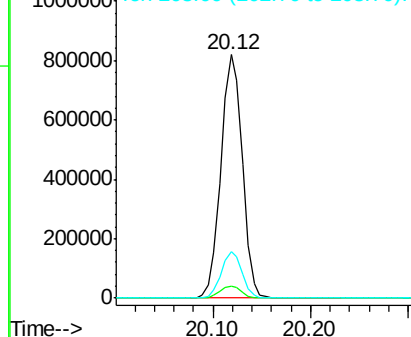
202 100

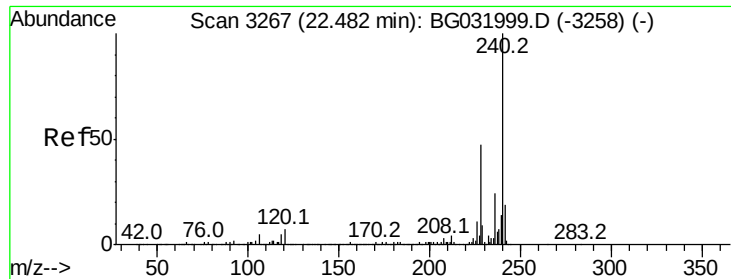
101 5.0 0.0 28.9

203 19.0 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: 22.45 min Scan# 3261

Delta R.T. 0.00 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

Instrument :

BNA_G

ClientSampleId :

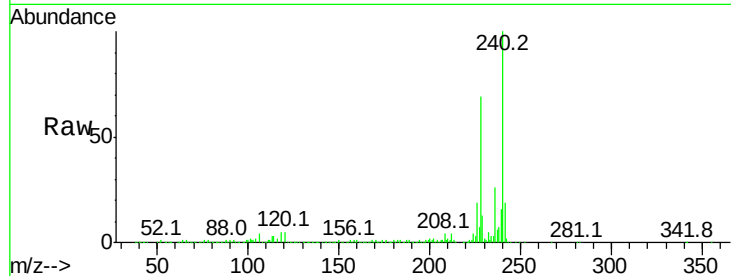
Tot Ion:240 Resp: 421493

Ion Ratio Lower Upper

240 100

120 4.5 6.8 10.2#

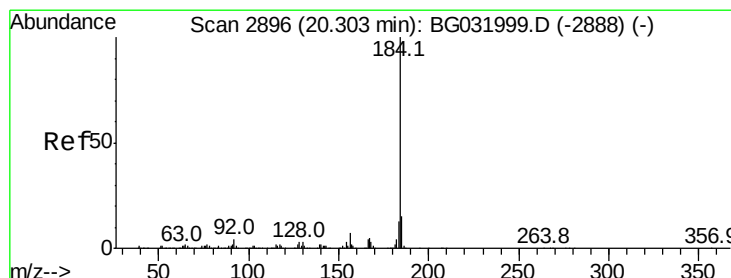
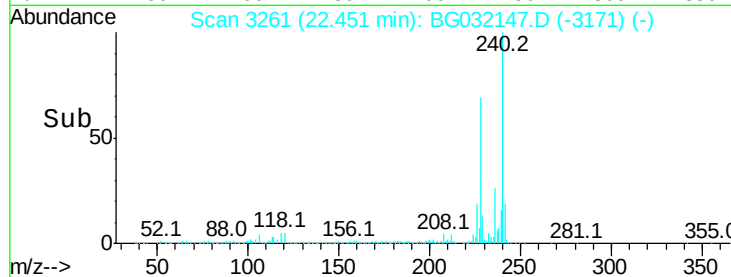
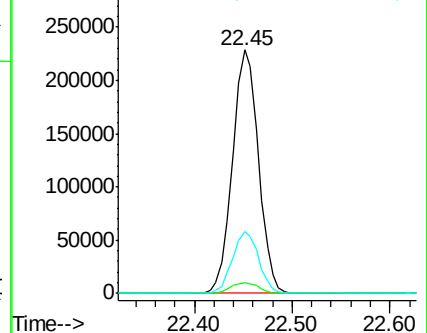
236 25.7 20.9 31.3



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: 68.779 ng

RT: 20.28 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

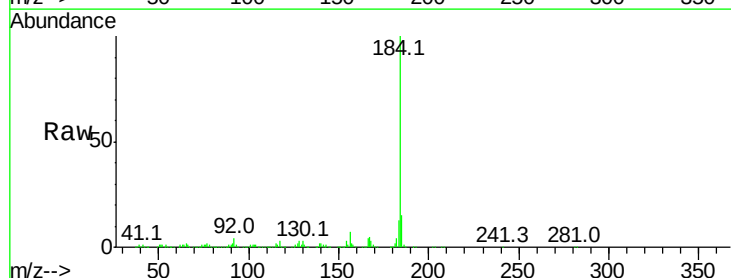
Tgt Ion:184 Resp: 724931

Ion Ratio Lower Upper

184 100

185 14.9 11.1 16.7

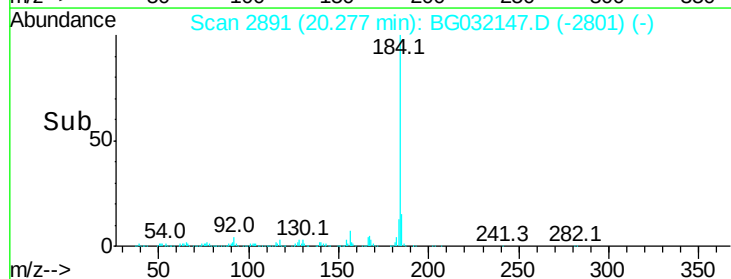
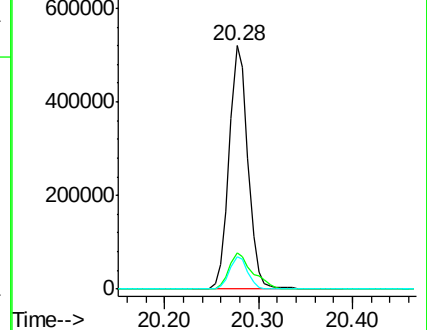
183 13.1 10.6 16.0

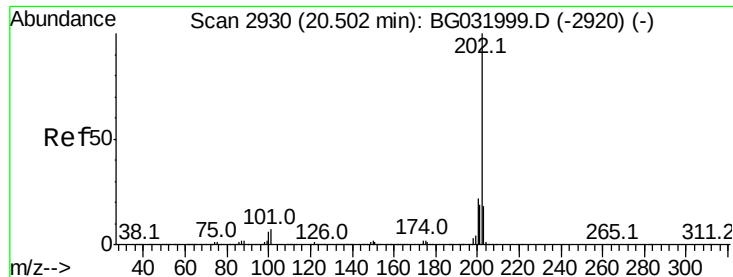


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 46.575 ng

RT: 20.48 min Scan# 2925

Delta R.T. 0.00 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

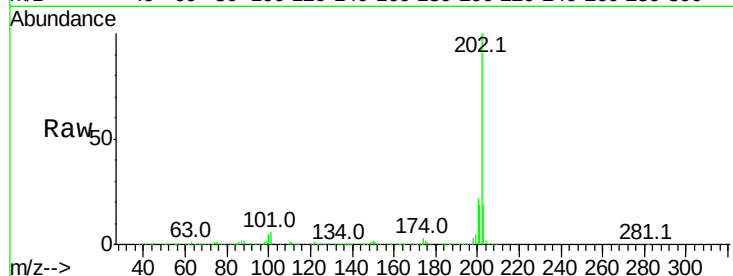
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1234090

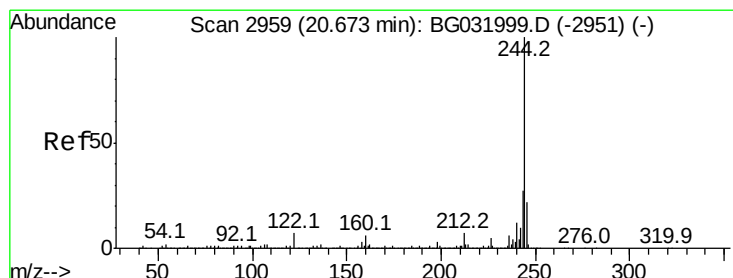
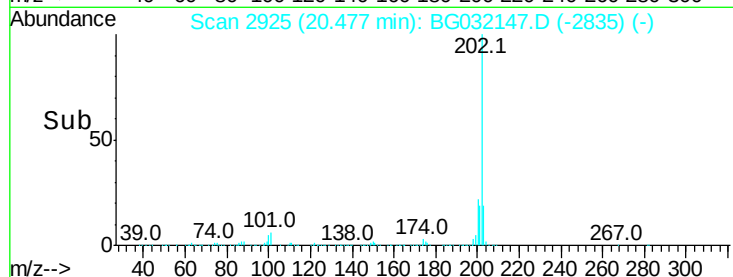
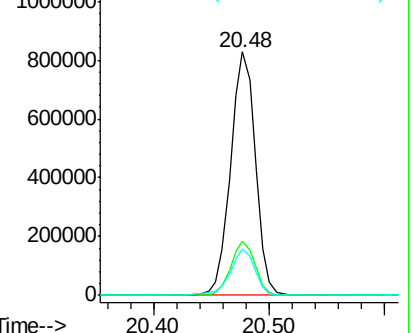
Ion	Ratio	Lower	Upper
202	100		
200	22.4	16.9	25.3
203	19.0	13.9	20.9



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: 88.778 ng

RT: 20.65 min Scan# 2954

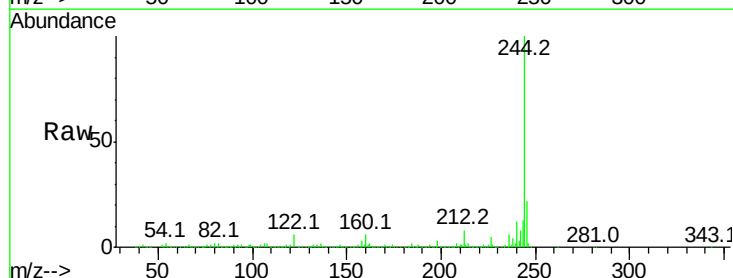
Delta R.T. -0.00 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

Tgt Ion:244 Resp: 1694679

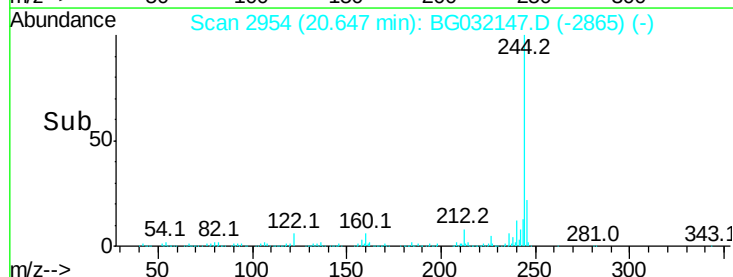
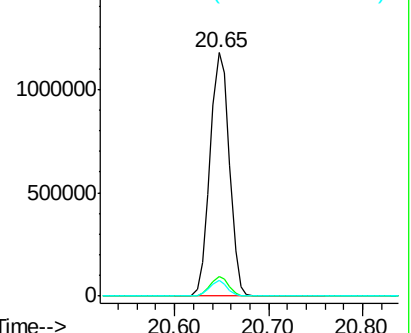
Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.8
122	6.2	7.0	10.4

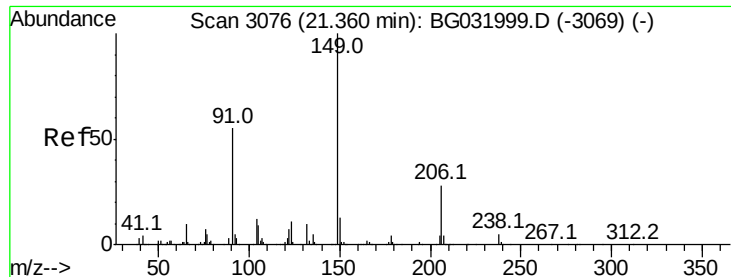


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 46.023 ng

RT: 21.34 min Scan# 3072

Delta R.T. 0.00 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

Instrument :

BNA_G

ClientSampleId :

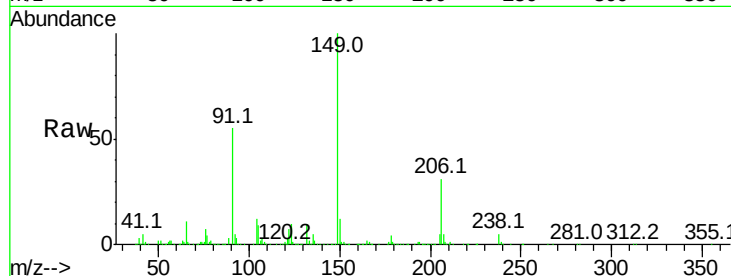
Tot Ion:149 Resp: 436914

Ion Ratio Lower Upper

149 100

91 55.1 62.2 93.2#

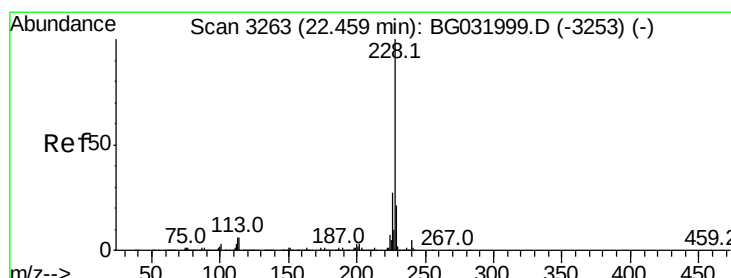
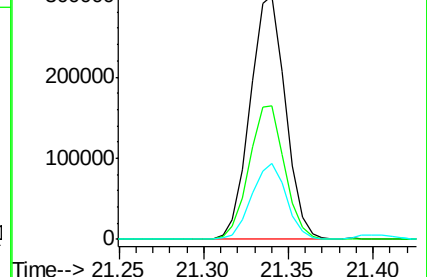
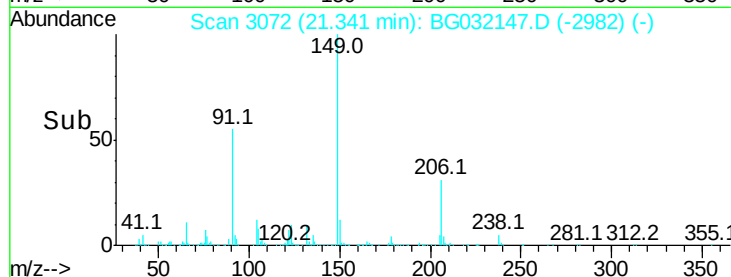
206 31.3 18.6 27.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 49.669 ng

RT: 22.43 min Scan# 3257

Delta R.T. 0.00 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

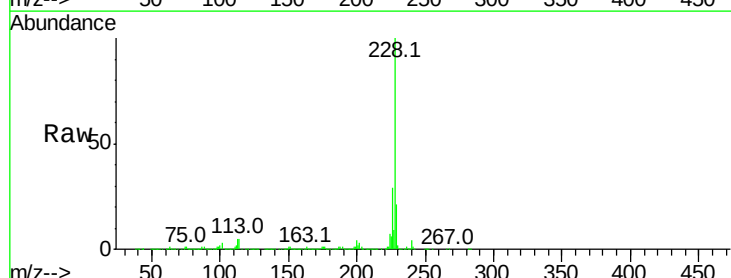
Tgt Ion:228 Resp: 1301960

Ion Ratio Lower Upper

228 100

226 28.6 22.7 34.1

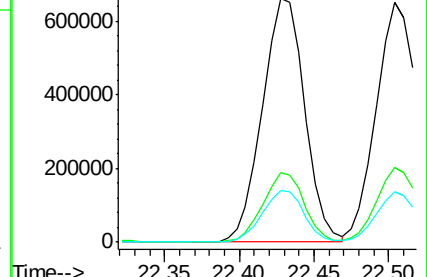
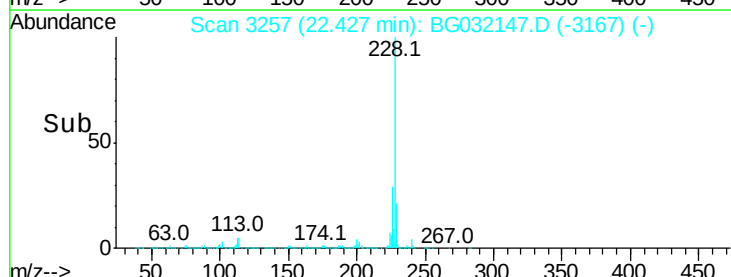
229 21.5 16.2 24.2

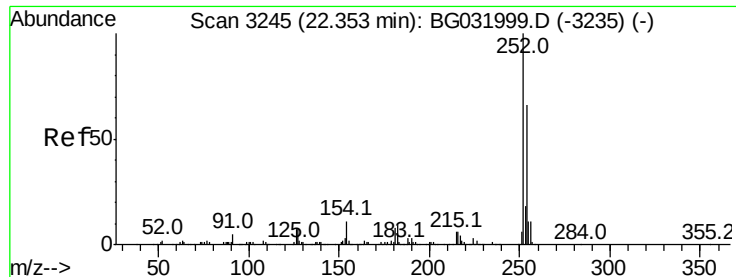


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

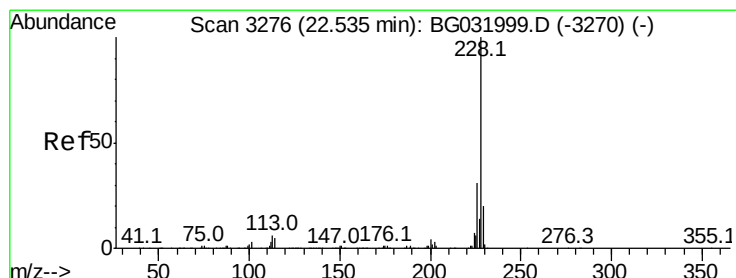
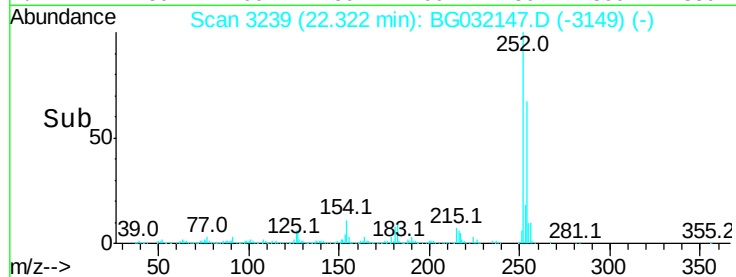
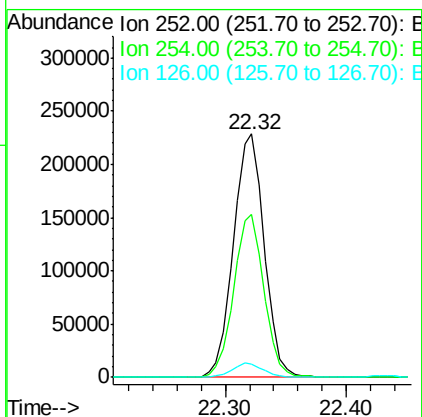
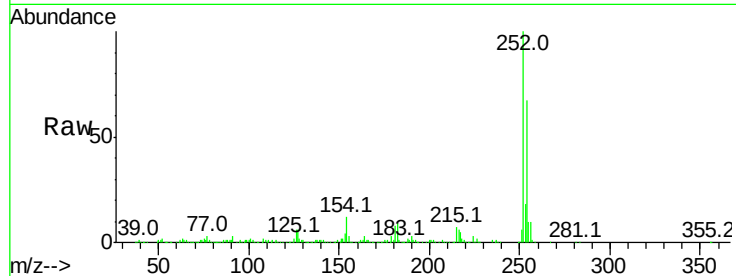




#81
 3,3'-Dichlorobenzidine
 Concen: 41.575 ng
 RT: 22.32 min Scan# 3239
 Delta R.T. 0.00 min
 Lab File: BG032147.D
 Acq: 18 Jan 2018 22:02

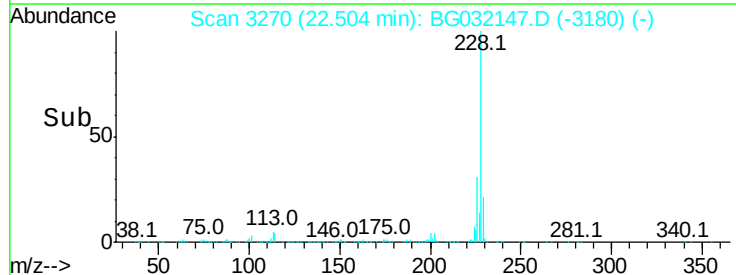
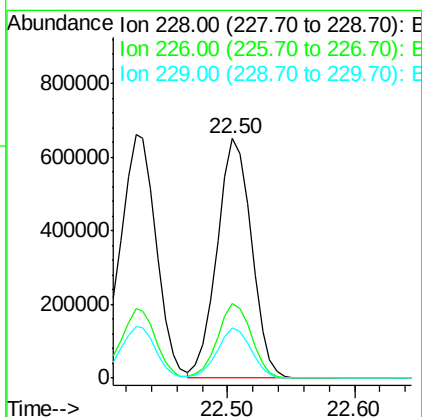
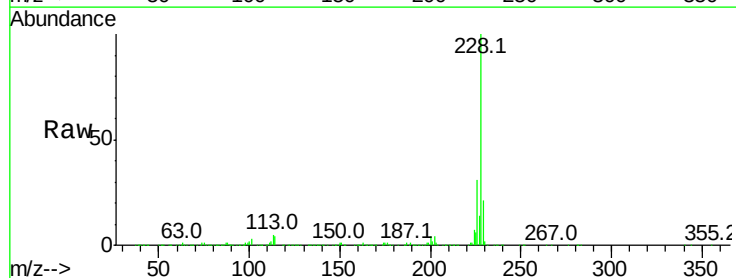
Instrument :
 BNA_G
 ClientSampleId :

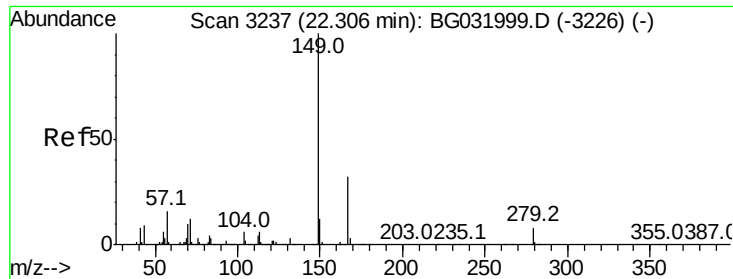
Tot Ion:252 Resp: 407107
 Ion Ratio Lower Upper
 252 100
 254 67.0 50.8 76.2
 126 5.6 7.4 11.2#



#82
 Chrysene
 Concen: 48.502 ng
 RT: 22.50 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: BG032147.D
 Acq: 18 Jan 2018 22:02

Tgt Ion:228 Resp: 1220993
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.9 37.3
 229 21.2 15.0 22.4

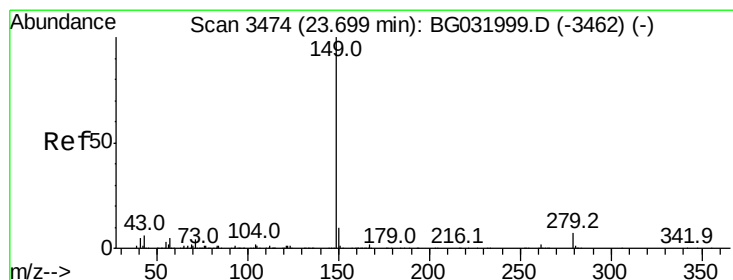
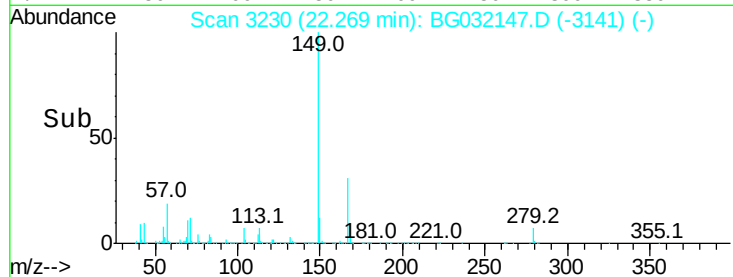
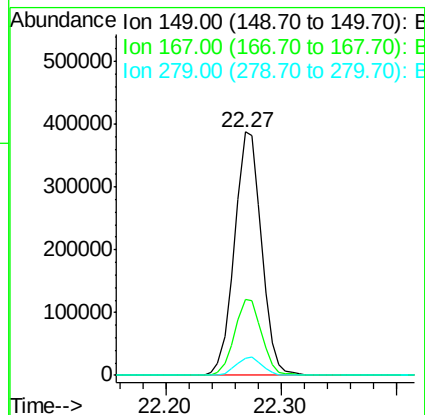
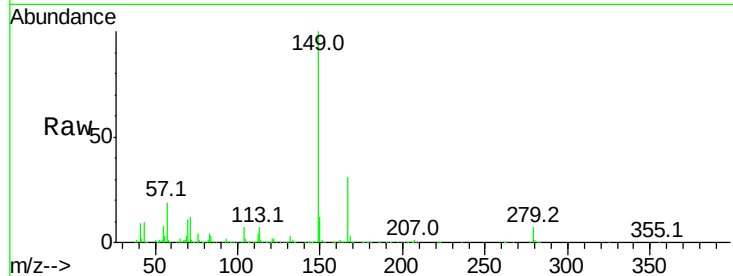




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.000 ng
 RT: 22.27 min Scan# 3230
 Delta R.T. -0.00 min
 Lab File: BG032147.D
 Acq: 18 Jan 2018 22:02

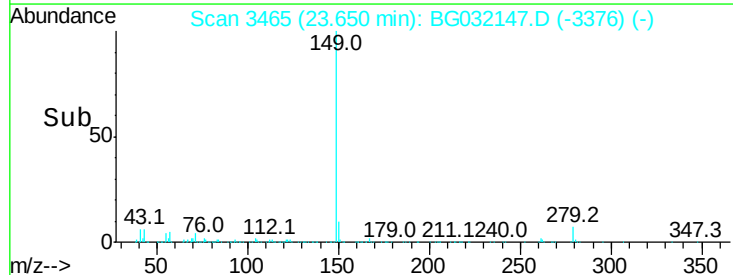
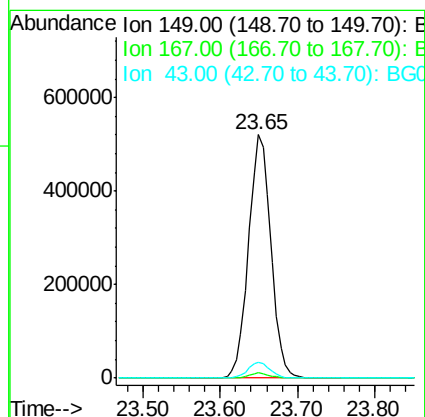
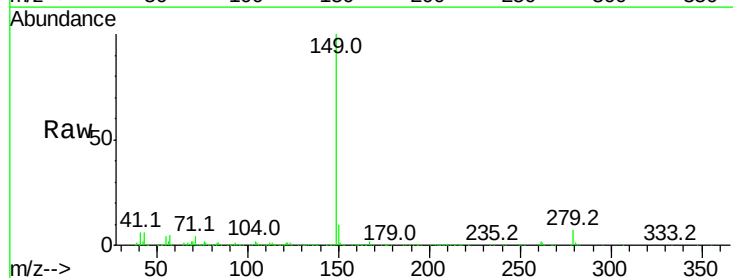
Instrument :
 BNA_G
 ClientSampled :

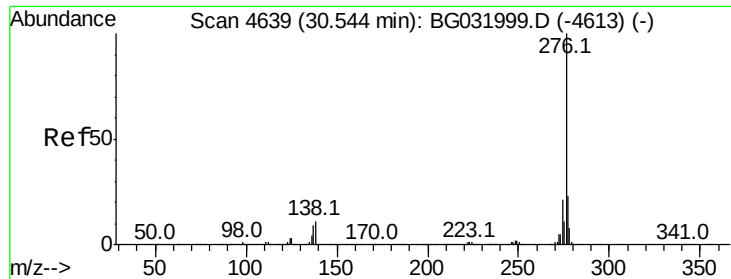
Tot Ion	Ratio	Lower	Upper
149	100		
167	31.1	24.3	36.5
279	7.1	4.0	6.0



#84
 Di-n-octyl phthalate
 Concen: 47.897 ng
 RT: 23.65 min Scan# 3465
 Delta R.T. -0.00 min
 Lab File: BG032147.D
 Acq: 18 Jan 2018 22:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	2.0	1.4	2.0
43	6.4	8.9	13.3



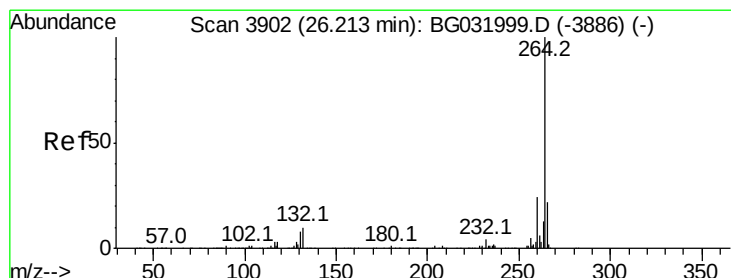
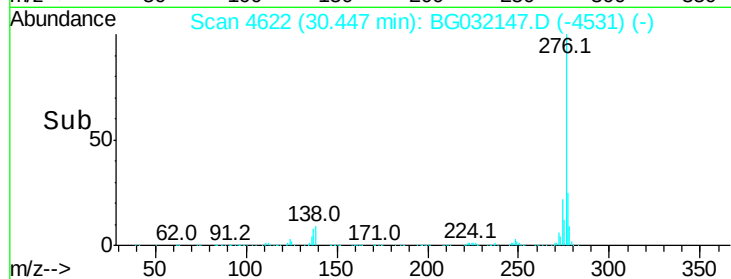
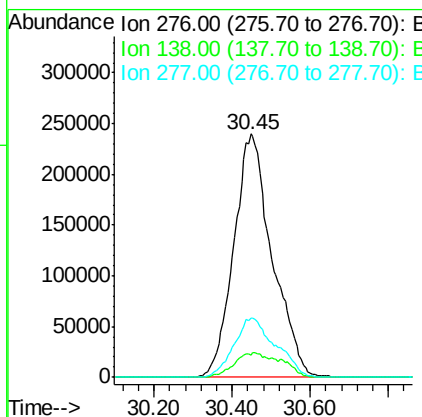
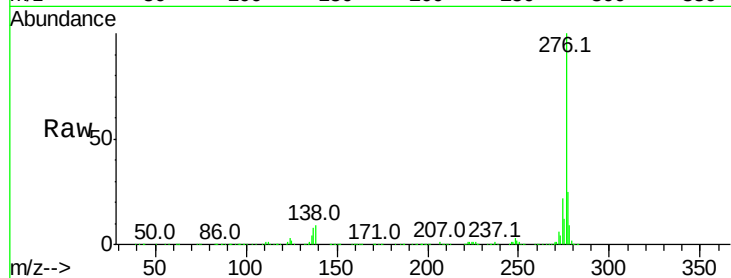


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 53.143 ng
 RT: 30.45 min Scan# 4622
 Delta R.T. 0.01 min
 Lab File: BG032147.D
 Acq: 18 Jan 2018 22:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1637221

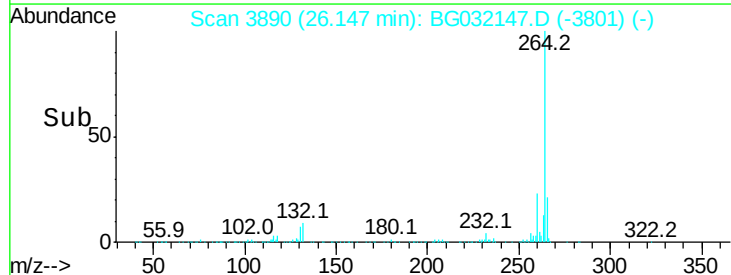
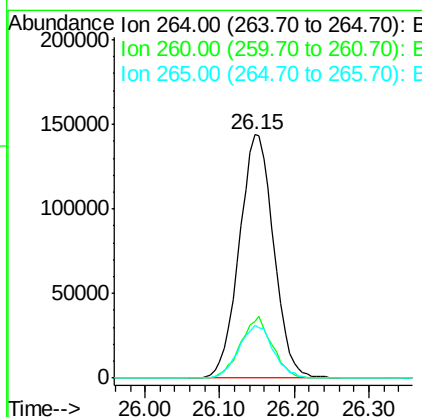
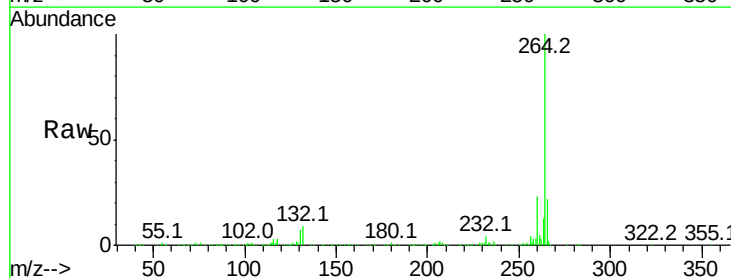
Ion	Ratio	Lower	Upper
276	100		
138	8.4	16.0	24.0#
277	26.6	20.0	30.0

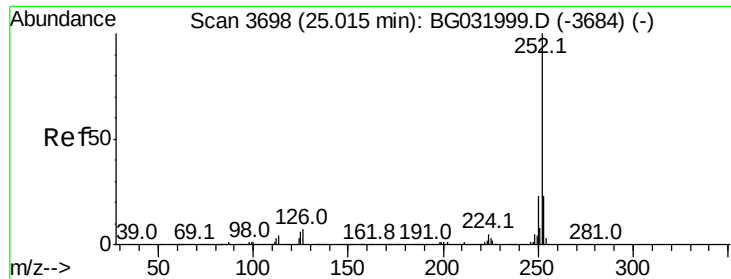


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.15 min Scan# 3890
 Delta R.T. -0.00 min
 Lab File: BG032147.D
 Acq: 18 Jan 2018 22:02

Tgt Ion:264 Resp: 459470

Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	21.6	17.7	26.5

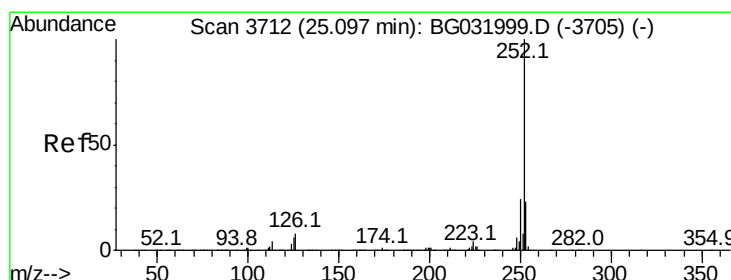
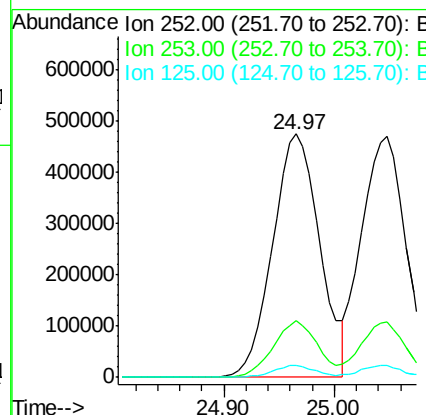
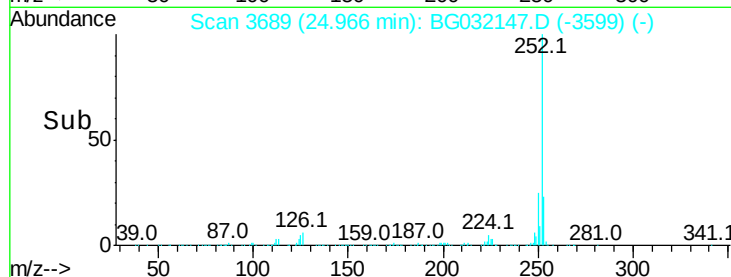
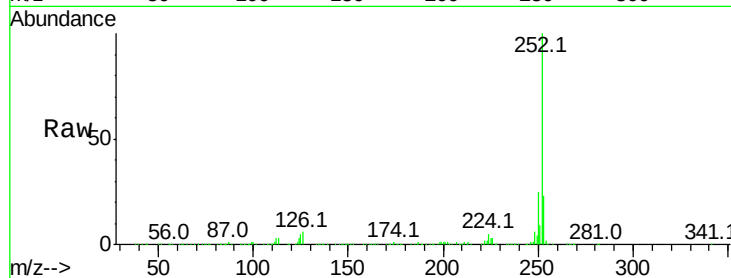




#87
Benzo(b)fluoranthene
Concen: 50.496 ng
RT: 24.97 min Scan# 3689
Delta R.T. 0.00 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

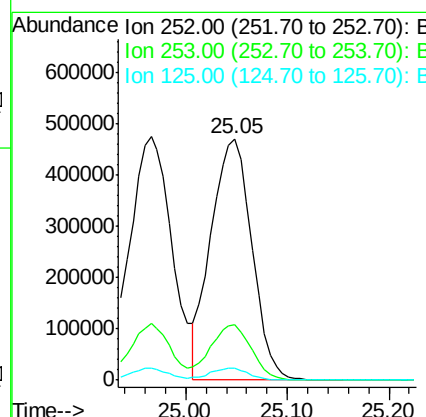
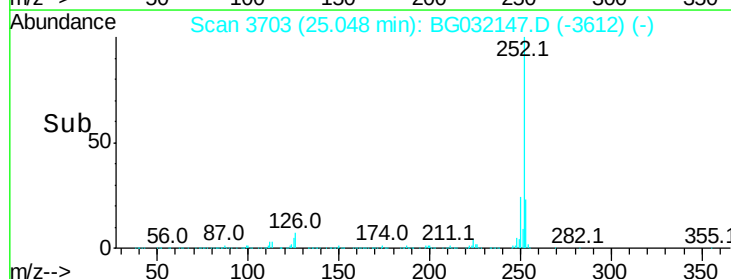
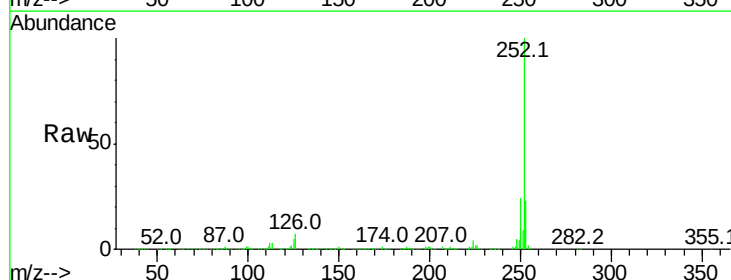
Instrument :
BNA_G
ClientSampleId :

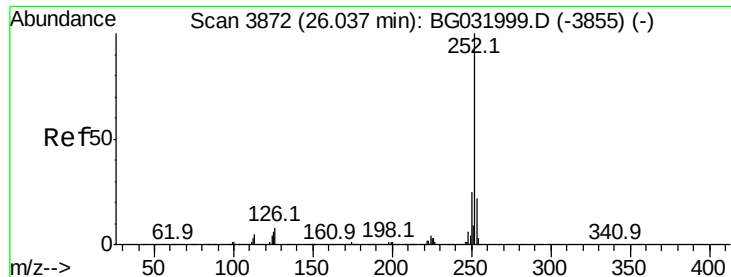
Tot Ion:252 Resp: 1402396
Ion Ratio Lower Upper
252 100
253 23.2 18.2 27.4
125 5.0 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 48.320 ng
RT: 25.05 min Scan# 3703
Delta R.T. 0.01 min
Lab File: BG032147.D
Acq: 18 Jan 2018 22:02

Tgt Ion:252 Resp: 1311326
Ion Ratio Lower Upper
252 100
253 23.2 17.4 26.2
125 4.9 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 51.219 ng

RT: 25.98 min Scan# 3862

Delta R.T. 0.01 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

Instrument :

BNA_G

ClientSampleId :

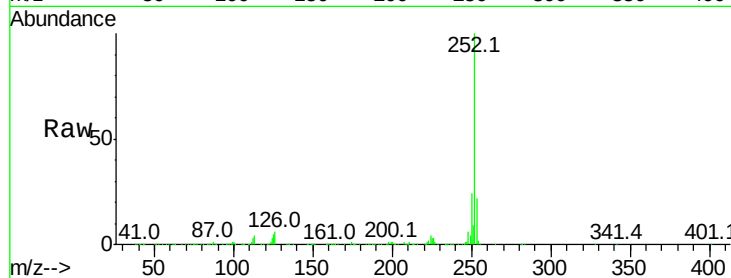
Tot Ion:252 Resp: 1345609

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.3	27.5
125	5.2	7.3	10.9

252 100

253 22.0 18.3 27.5

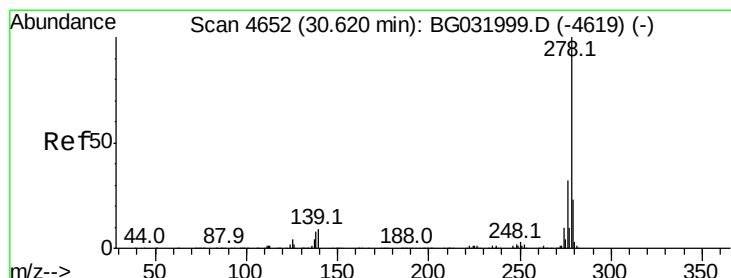
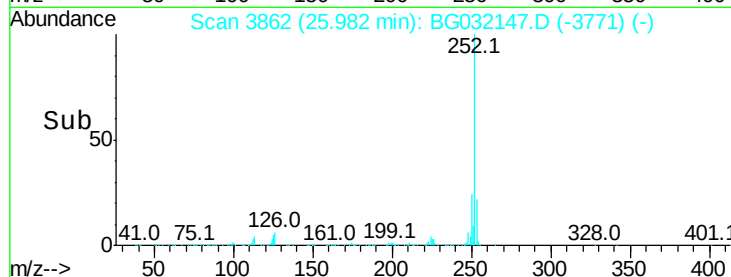
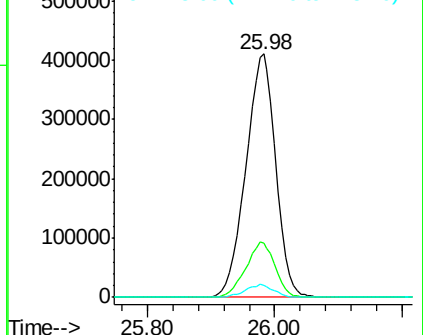
125 5.2 7.3 10.9



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: 53.450 ng

RT: 30.52 min Scan# 4634

Delta R.T. 0.00 min

Lab File: BG032147.D

Acq: 18 Jan 2018 22:02

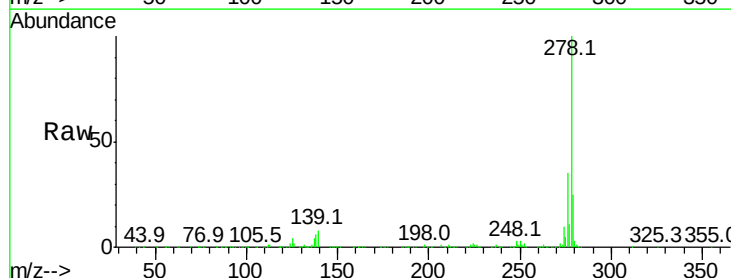
Tgt Ion:278 Resp: 1353177

Ion	Ratio	Lower	Upper
278	100		
139	7.6	9.8	14.6
279	25.0	18.4	27.6

278 100

139 7.6 9.8 14.6

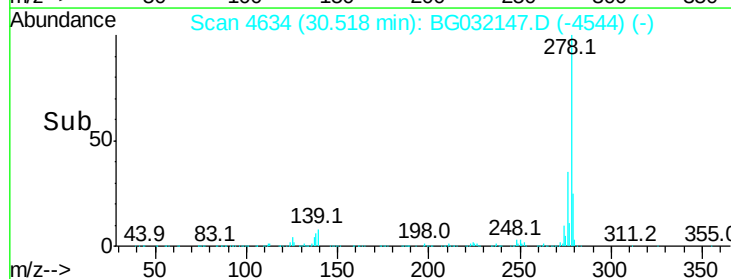
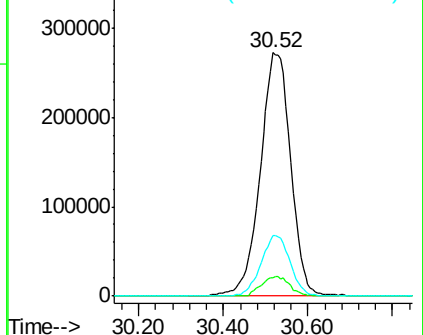
279 25.0 18.4 27.6

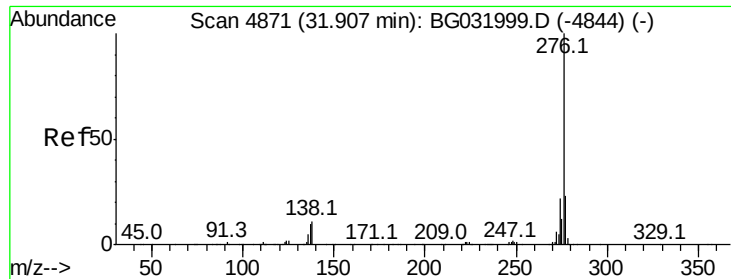


Abundance Ion 278.00 (277.70 to 278.70): E

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: 52.657 ng
 RT: 31.81 min Scan# 4854
 Delta R.T. 0.02 min
 Lab File: BG032147.D
 Acq: 18 Jan 2018 22:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1362534
 Ion Ratio Lower Upper
 276 100
 277 24.4 18.3 27.5
 138 10.5 13.9 20.9#

