

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021318\
 Data File : BG032658.D
 Acq On : 13 Feb 2018 13:33
 Operator : SJ/JU
 Sample : J1516-04MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 13 15:39:39 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 12 18:08:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.67	152	38174	20.00	ng	0.00
21) Naphthalene-d8	11.55	136	152794	20.00	ng	0.00
38) Acenaphthene-d10	15.31	164	109006	20.00	ng	0.00
63) Phenanthrene-d10	18.05	188	282285	20.00	ng	0.00
75) Chrysene-d12	22.37	240	355625	20.00	ng	0.00
86) Perylene-d12	26.02	264	371679	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.11	112	258314	135.76	ng	0.00
7) Phenol-d6	7.79	99	284127	109.21	ng	0.00
23) Nitrobenzene-d5	9.87	82	227985	94.83	ng	0.00
41) 2,4,6-Tribromophenol	16.79	330	215848	128.60	ng	0.00
44) 2-Fluorobiphenyl	13.93	172	726698	83.37	ng	0.00
78) Terphenyl-d14	20.58	244	1319372	84.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.79	88	29499	37.062	ng	# 75
3) Pyridine	4.25	79	55910	27.386	ng	# 84
4) n-Nitrosodimethylamine	4.15	42	46350	48.317	ng	# 74
6) Aniline	7.97	93	17670	5.746	ng	92
8) 2-Chlorophenol	8.22	128	110430	50.473	ng	85
9) Benzaldehyde	7.78	77	18526	12.049	ng	92
10) Phenol	7.82	94	102433	40.482	ng	88
11) bis(2-Chloroethyl)ether	8.06	93	85733	42.263	ng	# 84
12) 1,3-Dichlorobenzene	8.56	146	131872	42.736	ng	96
13) 1,4-Dichlorobenzene	8.71	146	128505	42.152	ng	98
14) 1,2-Dichlorobenzene	9.04	146	130899	42.572	ng	98
15) Benzyl Alcohol	8.91	79	90834	46.581	ng	92
16) 2,2'-oxybis(1-Chloropropan	9.20	45	94047	43.078	ng	71
17) 2-Methylphenol	9.12	107	79362	44.288	ng	# 90
18) Hexachloroethane	9.79	117	49305	44.293	ng	# 81
19) n-Nitroso-di-n-propylamine	9.49	70	76413	43.688	ng	# 95
20) 3+4-Methylphenols	9.45	107	108501	40.061	ng	93
22) Acetophenone	9.52	105	161651	49.745	ng	# 95
24) Nitrobenzene	9.92	77	122360	48.610	ng	92
25) Isophorone	10.43	82	215239	46.958	ng	# 86
26) 2-Nitrophenol	10.64	139	60495	44.934	ng	# 90
27) 2,4-Dimethylphenol	10.68	122	102133	57.742	ng	96
28) bis(2-Chloroethoxy)methane	10.92	93	118803	50.702	ng	# 96
29) 2,4-Dichlorophenol	11.18	162	127966	49.430	ng	92
30) 1,2,4-Trichlorobenzene	11.40	180	159730	44.010	ng	99
31) Naphthalene	11.60	128	352462	47.507	ng	98
32) Benzoic acid	10.68	122	102133	69.860	ng	# 8
33) 4-Chloroaniline	11.71	127	6874	2.335	ng	91
34) Hexachlorobutadiene	11.87	225	127087	42.726	ng	96
35) Caprolactam	12.44	113	23454	31.903	ng	# 45
36) 4-Chloro-3-methylphenol	12.78	107	115020	49.394	ng	# 86
37) 2-Methylnaphthalene	13.16	142	286886	47.672	ng	97
39) 1,2,4,5-Tetrachlorobenzene	13.52	216	229222	44.522	ng	94
40) Hexachlorocyclopentadiene	13.49	237	299107	91.803	ng	90

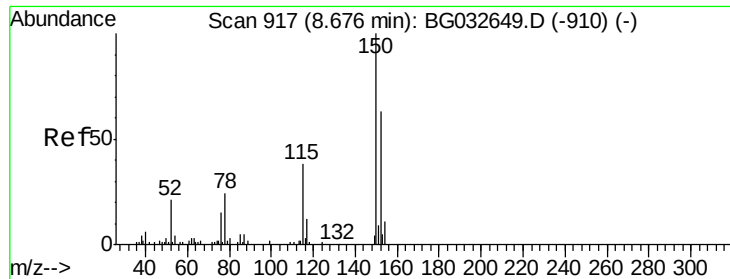
Data Path : Z:\HPCHEM1\BNA G\DATA\BG021318\
 Data File : BG032658.D
 Acq On : 13 Feb 2018 13:33
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 BNA_G
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Quant Time: Feb 13 15:39:39 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 12 18:08:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.75	196	124909	48.609	nq	97
43) 2,4,5-Trichlorophenol	13.83	196	138607	43.283	nq #	93
45) 1,1'-Biphenyl	14.15	154	392095	43.716	nq	95
46) 2-Chloronaphthalene	14.20	162	311482	43.887	nq	97
47) 2-Nitroaniline	14.39	65	68693	44.495	nq #	84
48) Acenaphthylene	15.04	152	449689	43.066	nq	100
49) Dimethylphthalate	14.74	163	401231	42.582	nq	99
50) 2,6-Dinitrotoluene	14.87	165	87312	44.994	nq #	82
51) Acenaphthene	15.37	154	305156	42.793	nq	99
52) 3-Nitroaniline	15.21	138	15827	9.236	nq #	77
53) 2,4-Dinitrophenol	15.41	184	24804	31.760	nq #	74
54) Dibenzofuran	15.70	168	479127	45.161	nq	97
55) 4-Nitrophenol	15.50	139	90133	71.541	nq #	78
56) 2,4-Dinitrotoluene	15.65	165	123686	46.259	nq #	75
57) Fluorene	16.35	166	372814	42.730	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.92	232	133791	44.376	nq #	88
59) Diethylphthalate	16.08	149	390184	42.558	nq	97
60) 4-Chlorophenyl-phenylether	16.33	204	251483	43.655	nq	95
61) 4-Nitroaniline	16.37	138	56070	31.736	nq #	79
62) Azobenzene	16.62	77	260894	44.292	nq	85
64) 4,6-Dinitro-2-methylphenol	16.41	198	34361	20.007	nq	74
65) n-Nitrosodiphenylamine	16.54	169	350733	42.365	nq	100
66) 4-Bromophenyl-phenylether	17.22	248	176322	43.645	nq	97
67) Hexachlorobenzene	17.35	284	175917	40.543	nq #	92
68) Atrazine	17.47	200	157873	44.459	nq	95
69) Pentachlorophenol	17.69	266	162673	61.239	nq	98
70) Phenanthrene	18.09	178	638548	42.110	nq	100
71) Anthracene	18.18	178	672197	43.324	nq	99
72) Carbazole	18.44	167	560254	42.351	nq	99
73) Di-n-butylphthalate	18.95	149	627812	42.149	nq	99
74) Fluoranthene	20.06	202	864538	42.706	nq	94
76) Benzidine	20.23	184	35079	4.189	nq	98
77) Pyrene	20.41	202	876128	41.411	nq	99
79) Butylbenzylphthalate	21.27	149	295106	42.342	nq #	77
80) Benzo(a)anthracene	22.35	228	938289	42.140	nq	99
81) 3,3'-Dichlorobenzidine	22.24	252	53884	6.480	nq #	97
82) Chrysene	22.42	228	890480	40.559	nq	98
83) Bis(2-ethylhexyl)phthalate	22.19	149	409815	40.776	nq #	96
84) Di-n-octyl phthalate	23.55	149	718197	45.547	nq #	91
85) Indeno(1,2,3-cd)pyrene	30.24	276	1124074	43.219	nq #	84
87) Benzo(b)fluoranthene	24.85	252	957688	43.236	nq #	96
88) Benzo(k)fluoranthene	24.93	252	969863	42.308	nq #	96
89) Benzo(a)pyrene	25.84	252	953990	44.209	nq #	94
90) Dibenzo(a,h)anthracene	30.31	278	942929	43.892	nq #	94
91) Benzo(g,h,i)perylene	31.57	276	926115	44.596	nq #	90

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

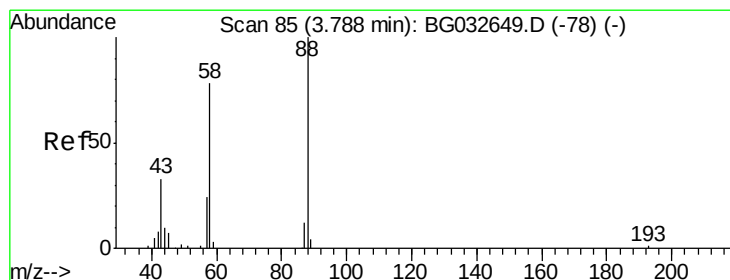
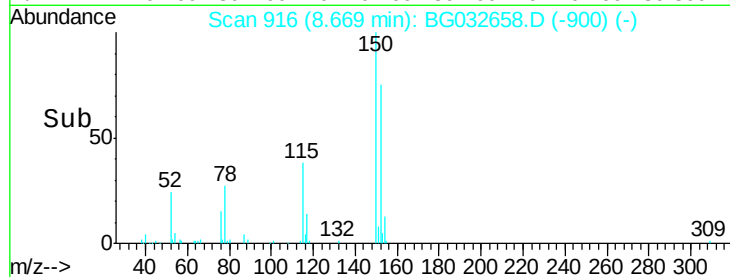
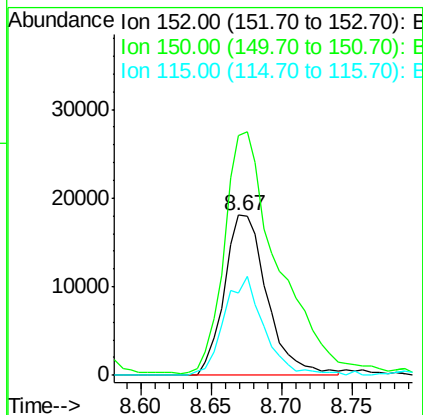
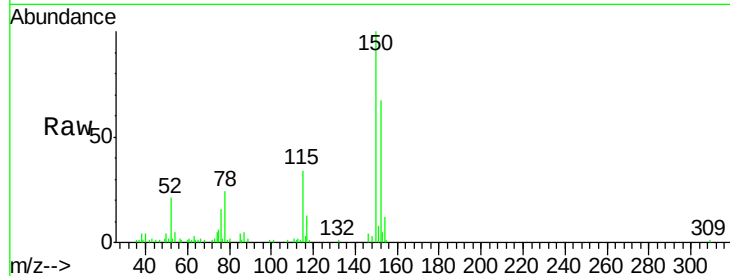


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.67 min Scan# 916
Delta R.T. -0.01 min
Lab File: BG032658.D
Acq: 13 Feb 2018 13:33

Instrument :
BNA_G
ClientSampleId :

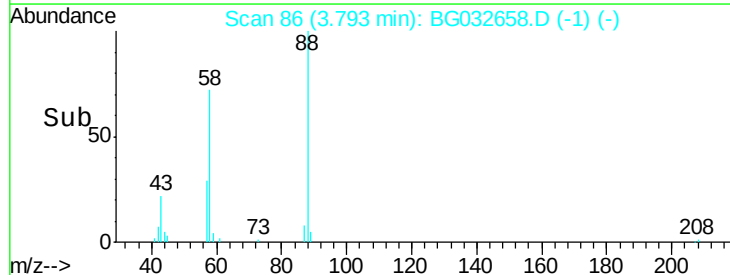
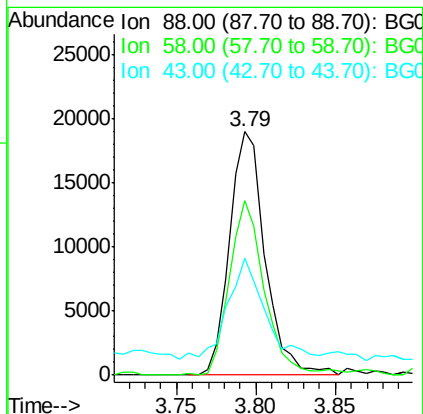
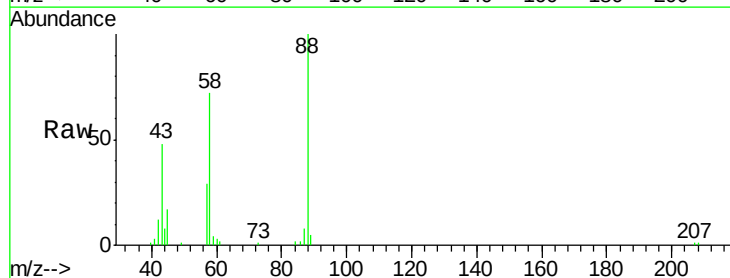
Tot Ion:152 Resp: 38174
Ion Ratio Lower Upper
152 100
150 150.2 126.6 189.8
115 51.2 53.0 79.4#

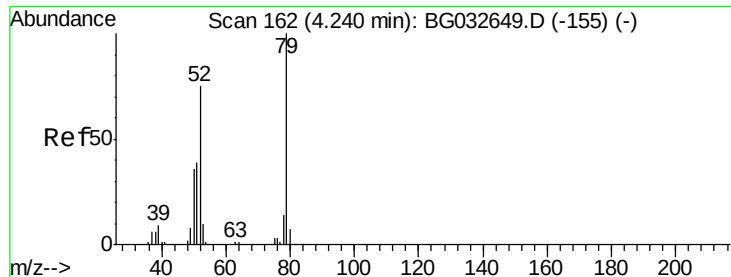


#2

1,4-Dioxane
Concen: 37.062 ng
RT: 3.79 min Scan# 86
Delta R.T. 0.01 min
Lab File: BG032658.D
Acq: 13 Feb 2018 13:33

Tgt Ion: 88 Resp: 29499
Ion Ratio Lower Upper
88 100
58 71.4 79.6 119.4#
43 43.2 27.4 41.0#





#3

Pvridine

Concen: 27.386 ng

RT: 4.25 min Scan# 164

Delta R.T. 0.01 min

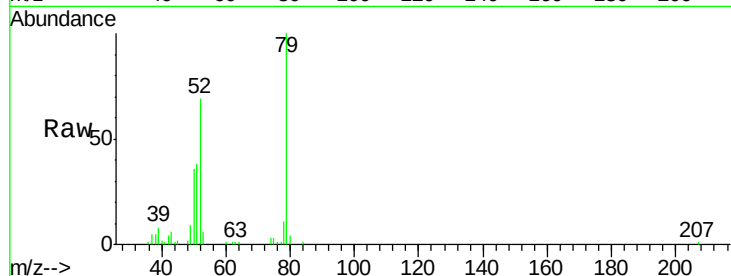
Lab File: BG032658.D

Acq: 13 Feb 2018 13:33

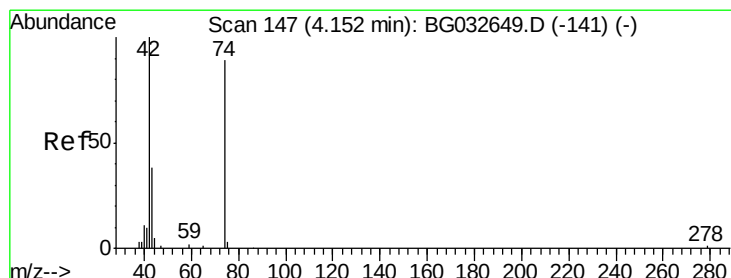
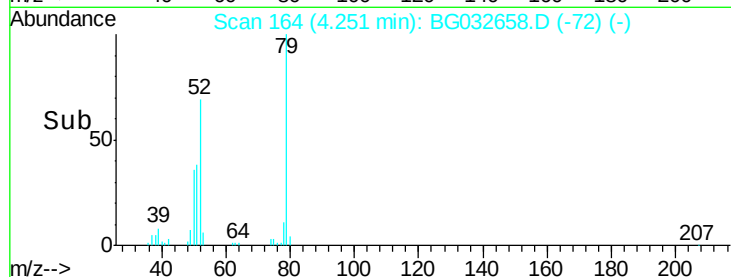
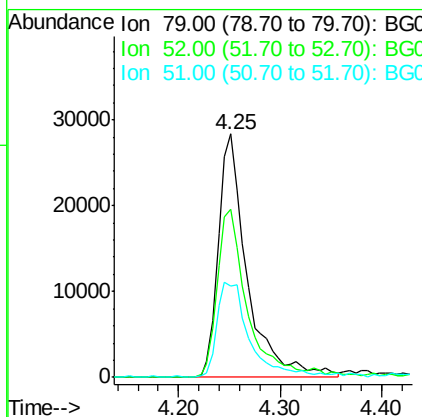
Instrument :

BNA_G

ClientSampleId :



Tot Ion:	79	Resp:	55910
Ion	Ratio	Lower	Upper
79	100		
52	69.0	69.9	104.9#
51	37.7	34.0	51.0



#4

n-Nitrosodimethylamine

Concen: 48.317 ng

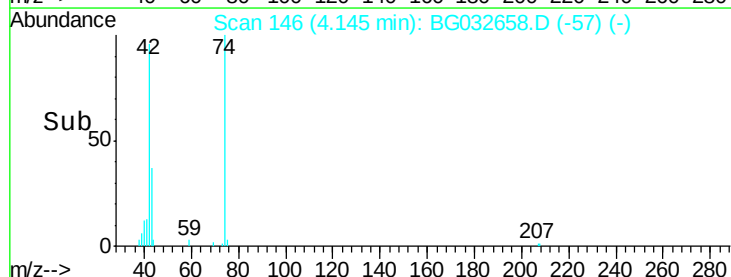
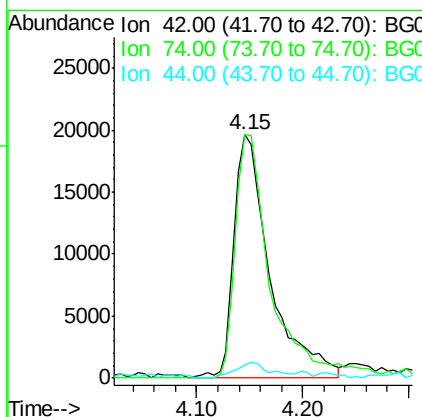
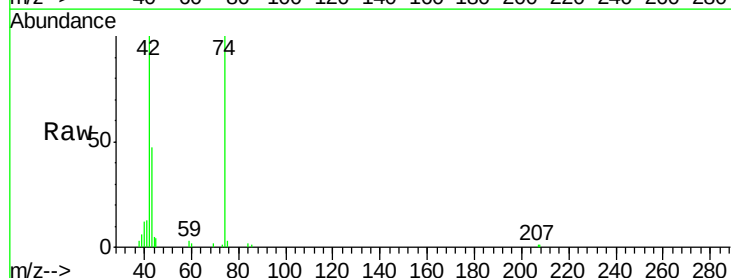
RT: 4.15 min Scan# 146

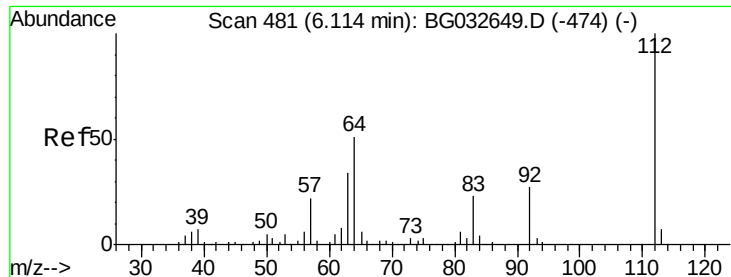
Delta R.T. -0.01 min

Lab File: BG032658.D

Acq: 13 Feb 2018 13:33

Tgt Ion:	42	Resp:	46350
Ion	Ratio	Lower	Upper
42	100		
74	99.9	102.5	153.7#
44	5.4	18.9	28.3#





#5

2-Fluorophenol

Concen: 135.765 ng

RT: 6.11 min Scan# 481

Delta R.T. -0.00 min

Lab File: BG032658.D

Acq: 13 Feb 2018 13:33

Instrument :

BNA_G

ClientSampleId :

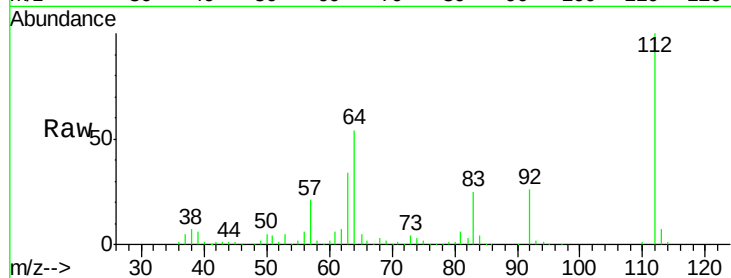
Tot Ion:112 Resp: 258314

Ion Ratio Lower Upper

112 100

64 53.7 56.3 84.5#

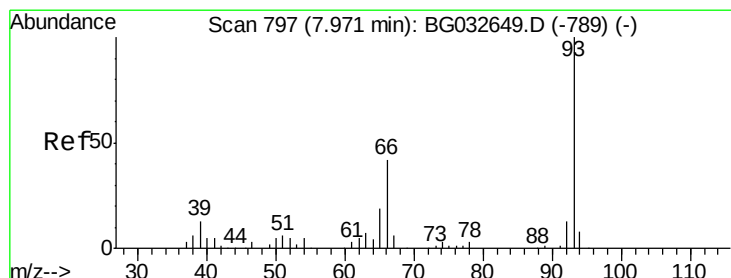
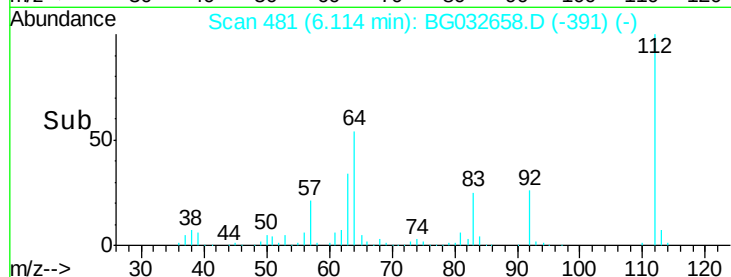
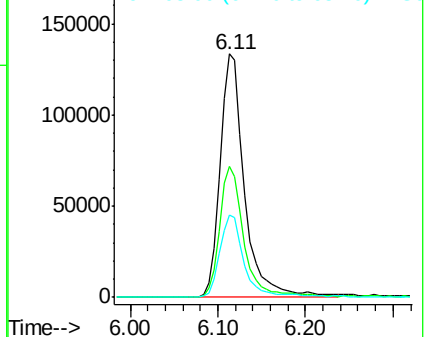
63 33.7 30.1 45.1



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: 5.746 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.00 min

Lab File: BG032658.D

Acq: 13 Feb 2018 13:33

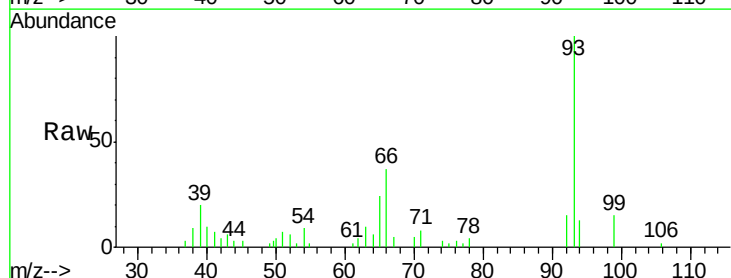
Tgt Ion: 93 Resp: 17670

Ion Ratio Lower Upper

93 100

66 37.1 33.7 50.5

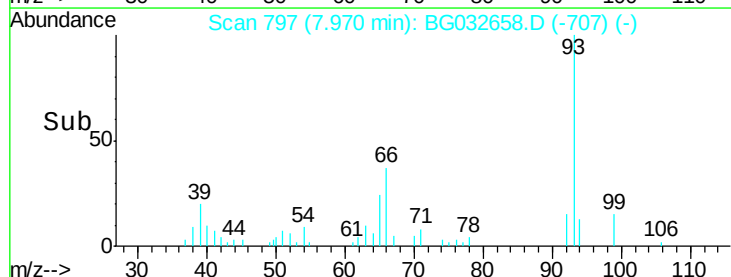
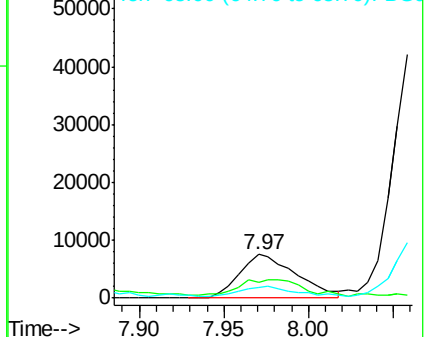
65 23.7 16.1 24.1

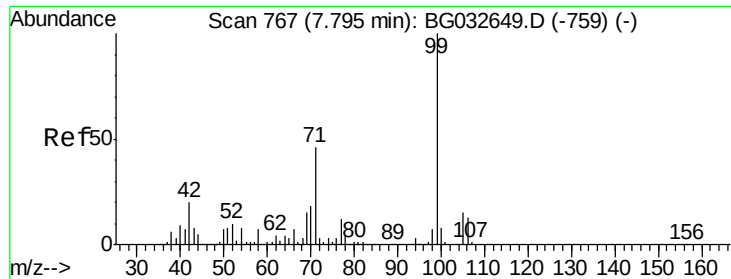


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 109.209 ng

RT: 7.79 min Scan# 767

Delta R.T. -0.00 min

Lab File: BG032658.D

Acq: 13 Feb 2018 13:33

Instrument :

BNA_G

ClientSampleId :

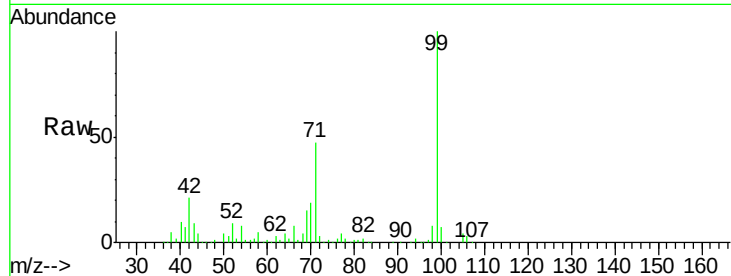
Tot Ion: 99 Resp: 284127

Ion Ratio Lower Upper

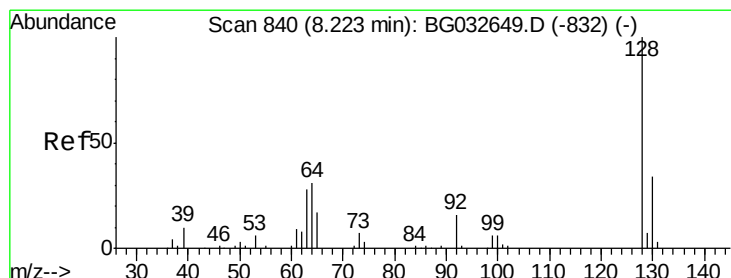
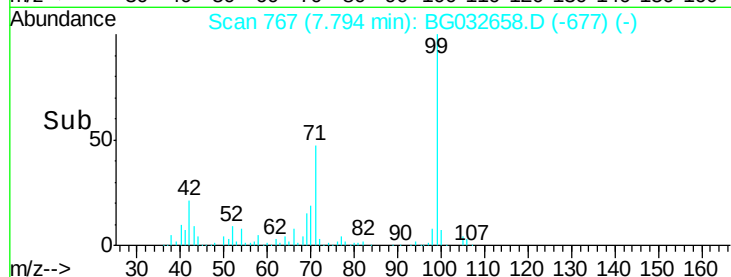
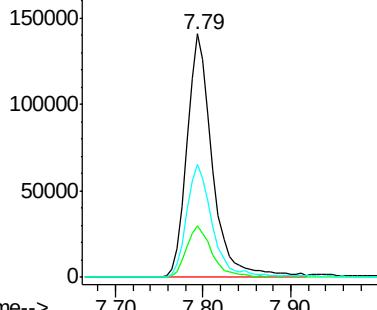
99 100

42 21.2 14.1 21.1#

71 46.6 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: 50.473 ng

RT: 8.22 min Scan# 840

Delta R.T. -0.00 min

Lab File: BG032658.D

Acq: 13 Feb 2018 13:33

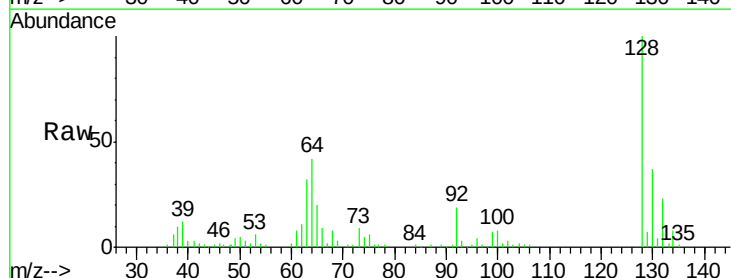
Tgt Ion: 128 Resp: 110430

Ion Ratio Lower Upper

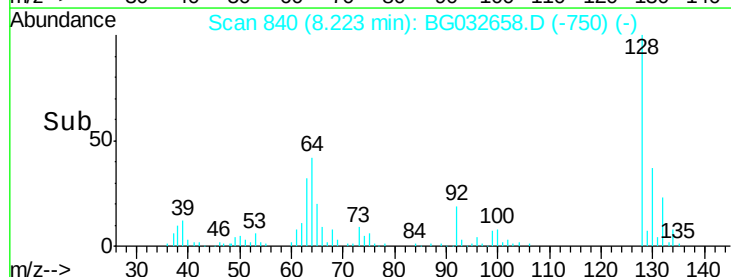
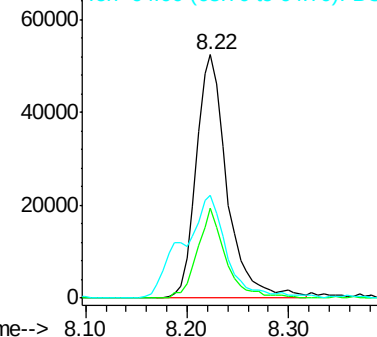
128 100

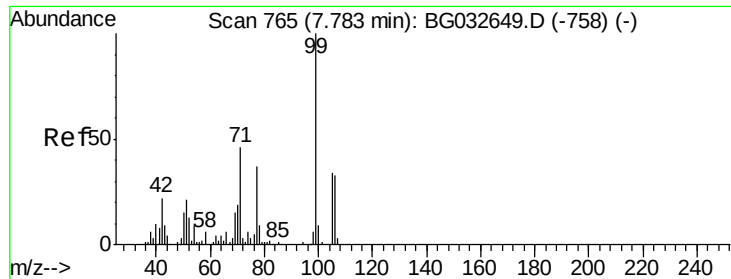
130 37.2 14.0 54.0

64 42.2 37.7 77.7



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





#9

Benzaldehyde

Concen: 12.049 ng

RT: 7.78 min Scan# 764

Delta R.T. -0.01 min

Lab File: BG032658.D

Acq: 13 Feb 2018 13:33

Instrument :

BNA_G

ClientSampleId :

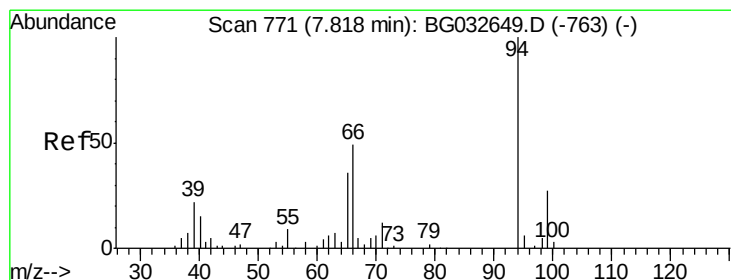
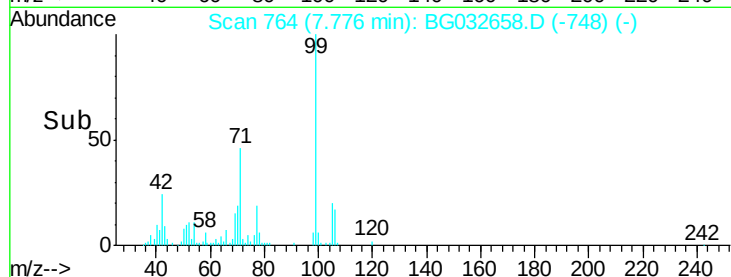
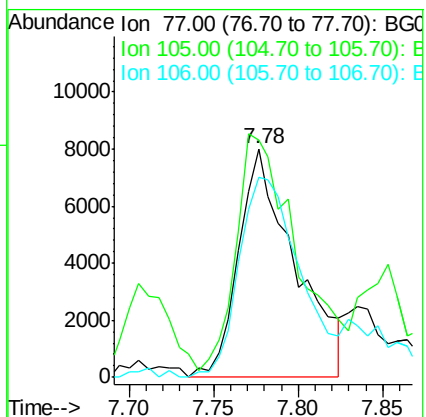
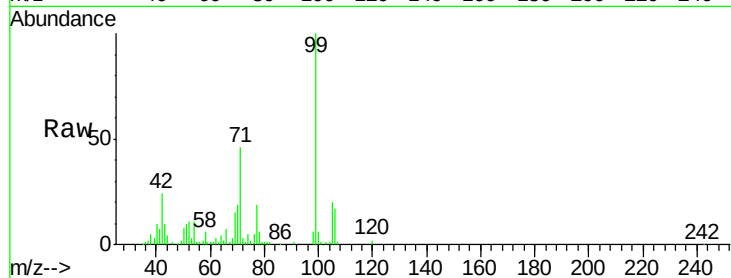
Tot Ion: 77 Resp: 18526

Ion Ratio Lower Upper

77 100

105 103.5 71.3 111.3

106 87.5 64.2 104.2



#10

Phenol

Concen: 40.482 ng

RT: 7.82 min Scan# 772

Delta R.T. 0.01 min

Lab File: BG032658.D

Acq: 13 Feb 2018 13:33

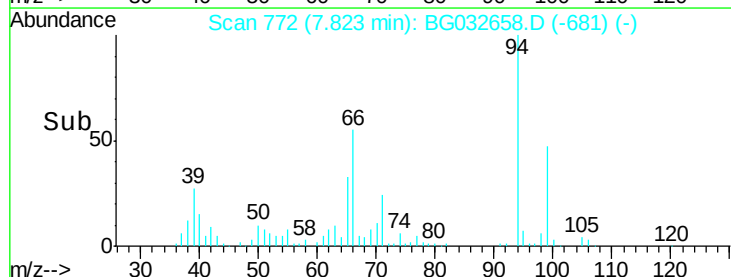
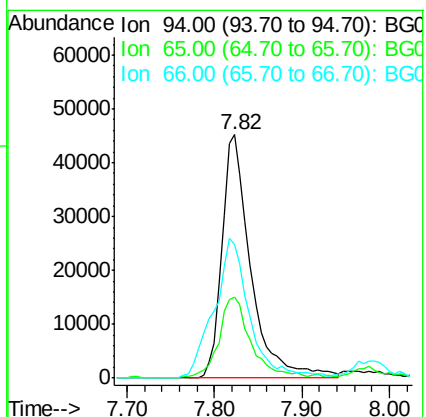
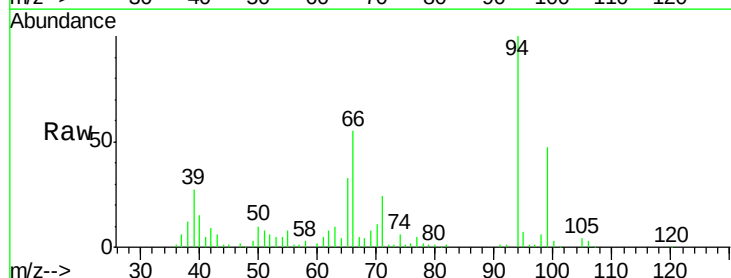
Tgt Ion: 94 Resp: 102433

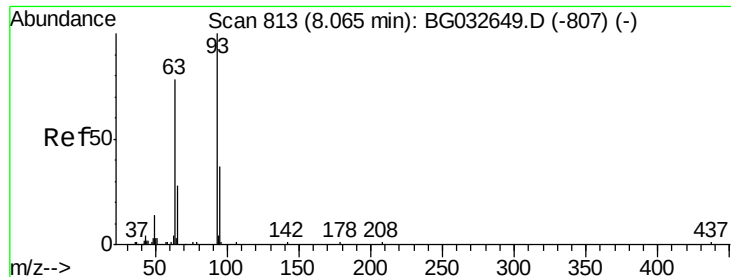
Ion Ratio Lower Upper

94 100

65 33.2 11.9 51.9

66 54.7 22.2 62.2

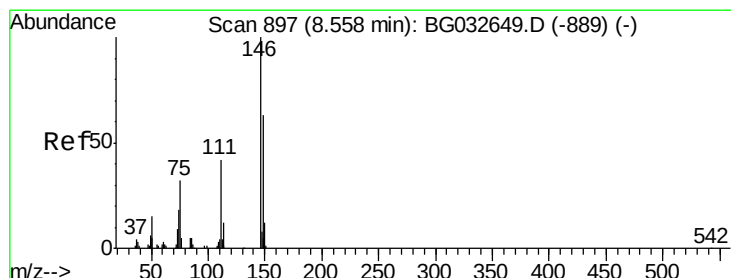
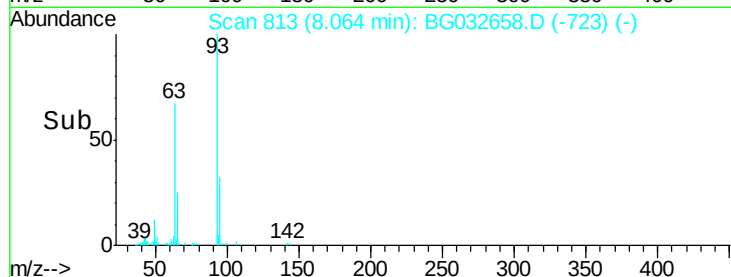
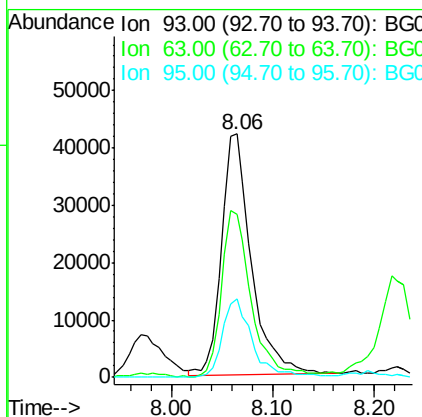
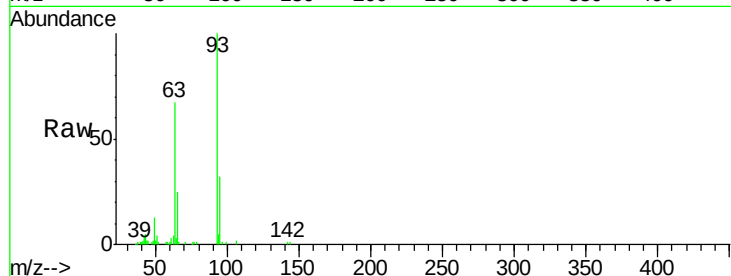




#11
 bis(2-Chloroethyl)ether
 Concen: 42.263 ng
 RT: 8.06 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BG032658.D
 Acq: 13 Feb 2018 13:33

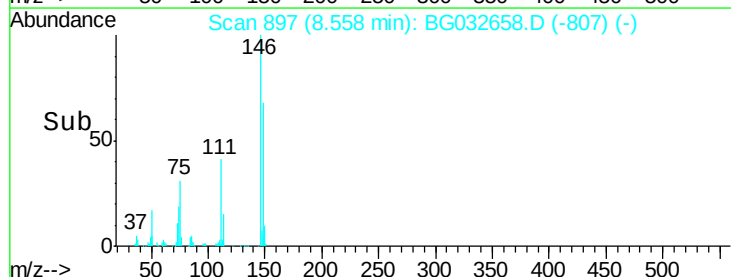
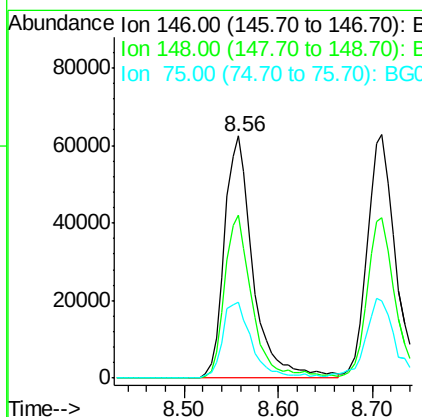
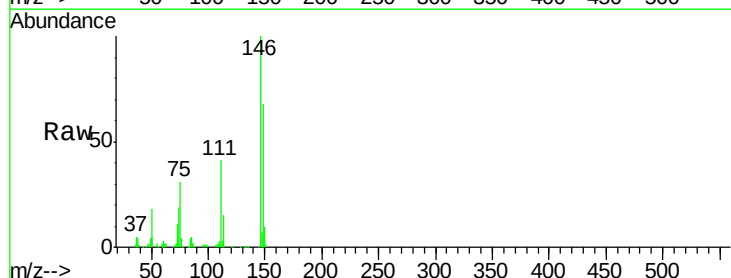
Instrument :
 BNA_G
 ClientSampleId :

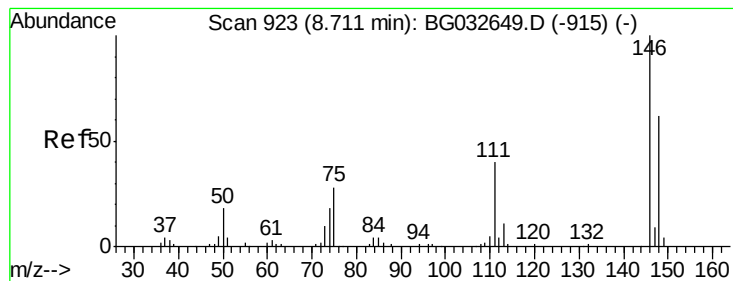
Tot Ion	93	Resp	85733
Ion Ratio	Lower	Upper	
93	100		
63	67.0	67.1	107.1#
95	32.4	11.5	51.5



#12
 1,3-Dichlorobenzene
 Concen: 42.736 ng
 RT: 8.56 min Scan# 897
 Delta R.T. -0.00 min
 Lab File: BG032658.D
 Acq: 13 Feb 2018 13:33

Tgt Ion	146	Resp	131872
Ion Ratio	Lower	Upper	
146	100		
148	67.6	51.4	77.2
75	31.5	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 42.152 ng

RT: 8.71 min Scan# 923

Delta R.T. -0.00 min

Lab File: BG032658.D

Acq: 13 Feb 2018 13:33

Instrument :

BNA_G

ClientSampleId :

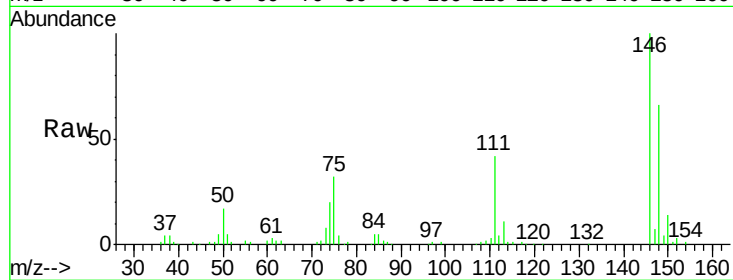
Tot Ion:146 Resp: 128505

Ion Ratio Lower Upper

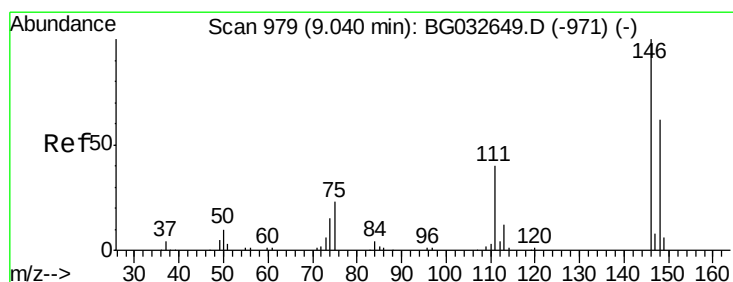
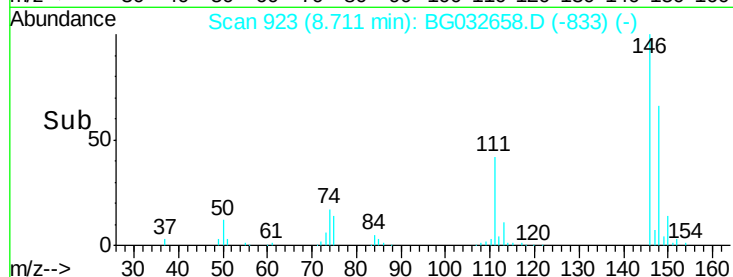
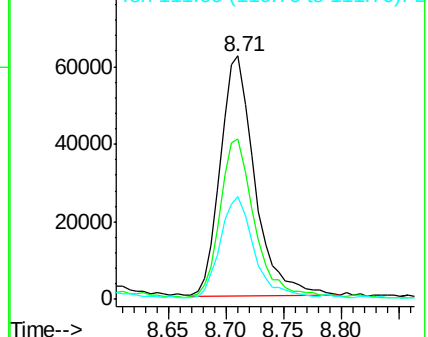
146 100

148 65.7 53.7 80.5

111 42.0 35.2 52.8



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



#14

1,2-Dichlorobenzene

Concen: 42.572 ng

RT: 9.04 min Scan# 979

Delta R.T. -0.00 min

Lab File: BG032658.D

Acq: 13 Feb 2018 13:33

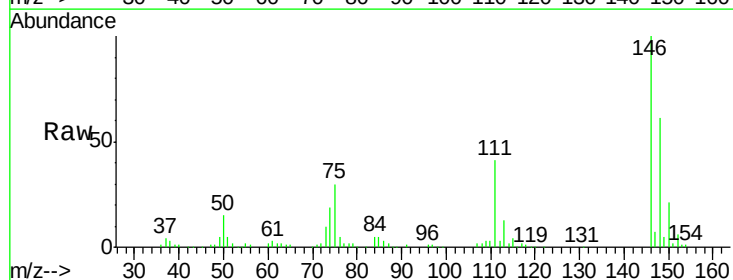
Tgt Ion:146 Resp: 130899

Ion Ratio Lower Upper

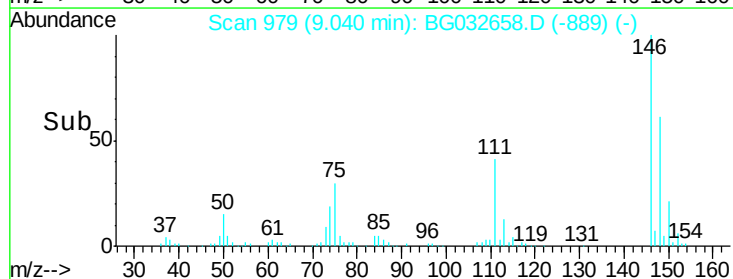
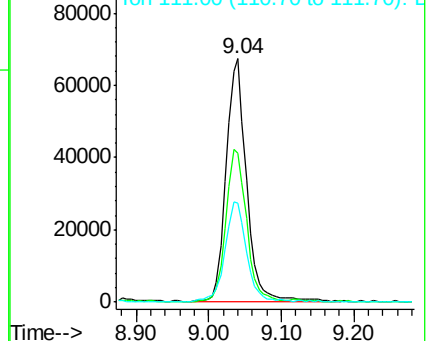
146 100

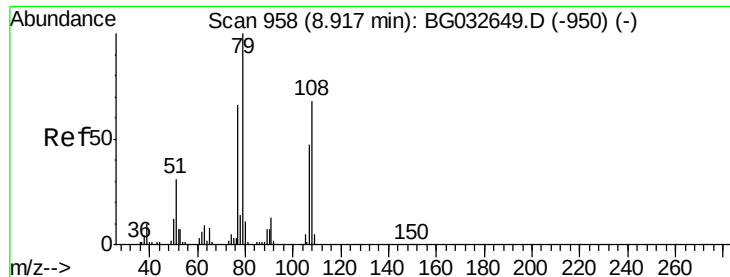
148 61.2 49.3 73.9

111 40.9 34.3 51.5



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





#15

Benzyl Alcohol

Concen: 46.581 ng

RT: 8.91 min Scan# 957

Delta R.T. -0.01 min

Lab File: BG032658.D

Acq: 13 Feb 2018 13:33

Instrument :

BNA_G

ClientSampled :

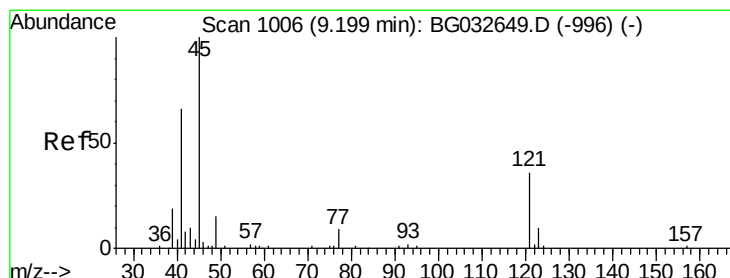
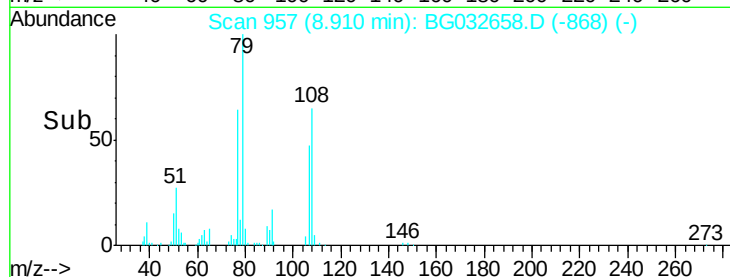
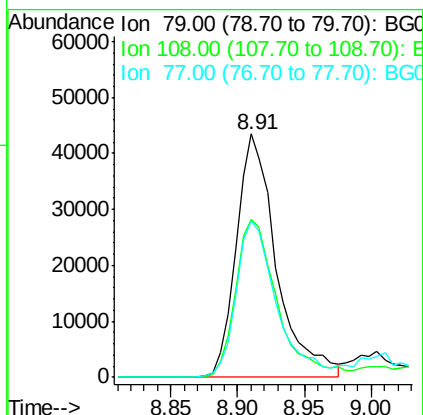
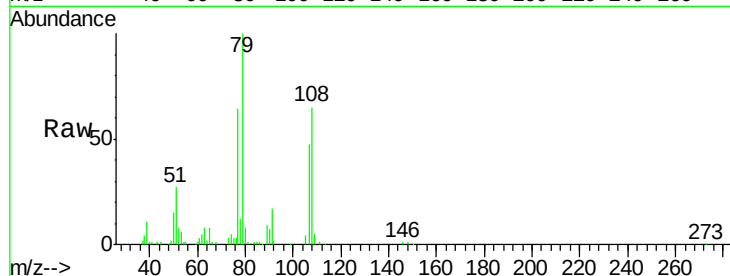
Tot Ion: 79 Resp: 90834

Ion Ratio Lower Upper

79 100

108 64.9 57.2 85.8

77 64.1 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.078 ng

RT: 9.20 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BG032658.D

Acq: 13 Feb 2018 13:33

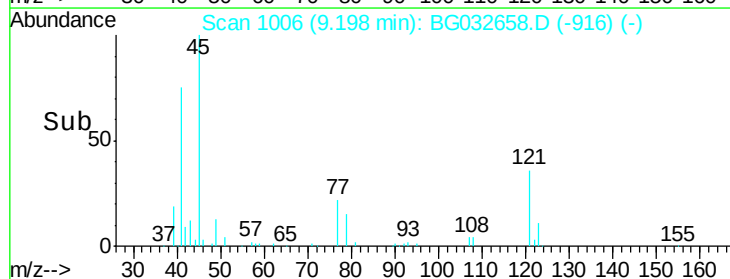
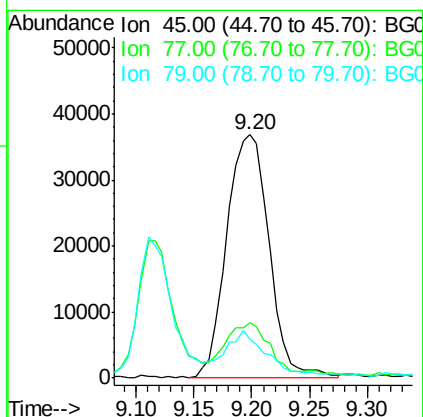
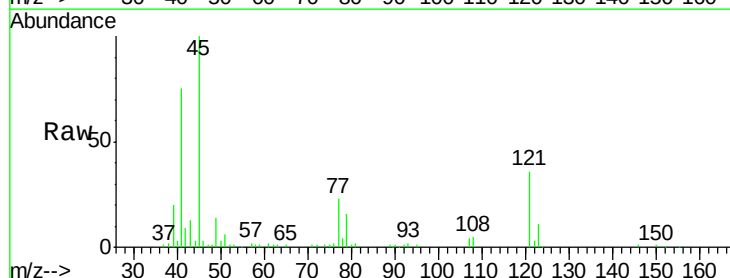
Tgt Ion: 45 Resp: 94047

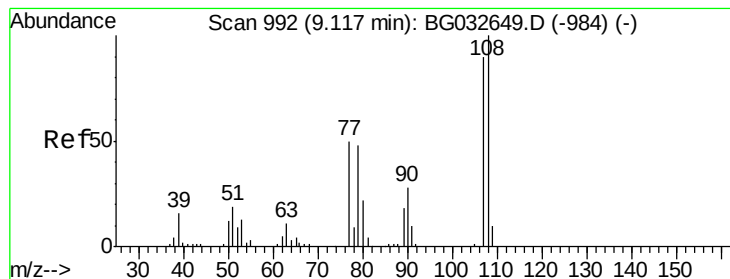
Ion Ratio Lower Upper

45 100

77 22.9 0.0 30.2

79 15.9 0.0 27.9

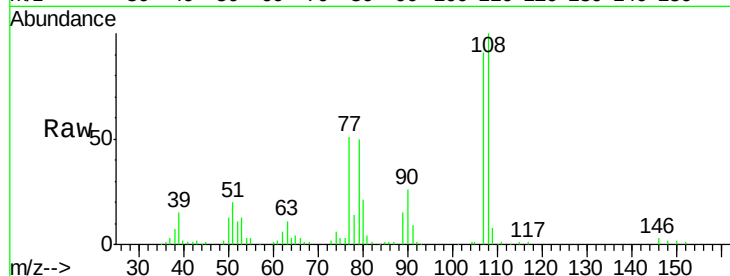




#17
2-Methylphenol
Concen: 44.288 ng
RT: 9.12 min Scan# 992
Delta R.T. -0.00 min
Lab File: BG032658.D
Acq: 13 Feb 2018 13:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.4	83.9	125.9
77	56.8	37.2	55.8#
79	54.8	36.2	54.2#



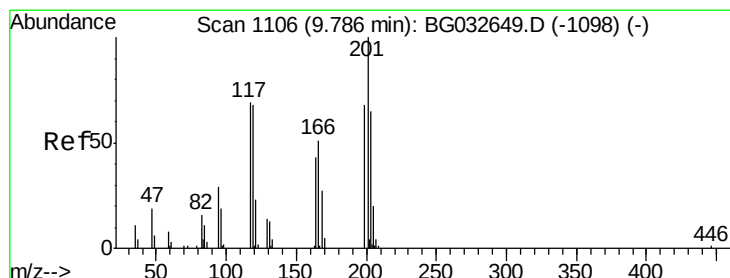
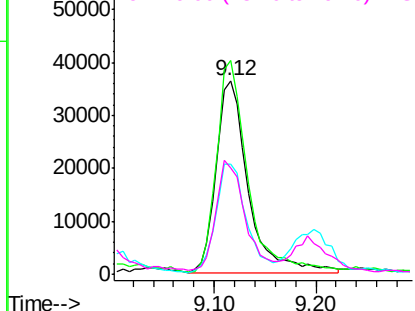
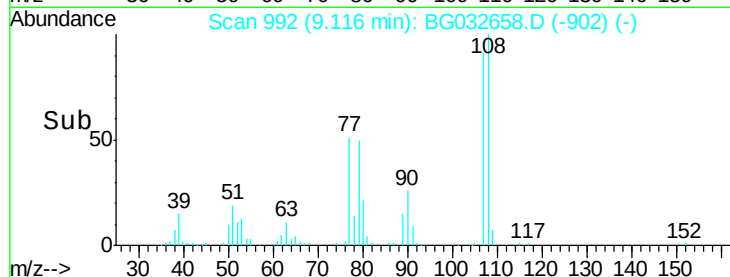
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

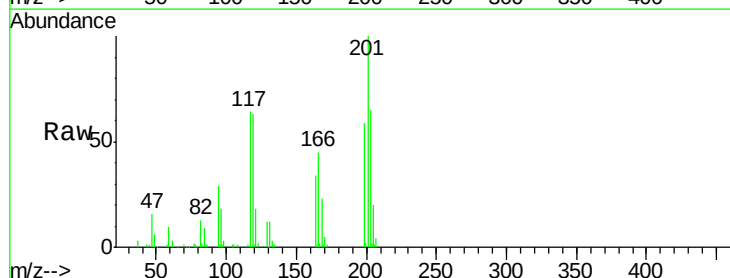
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 44.293 ng
RT: 9.79 min Scan# 1106
Delta R.T. -0.00 min
Lab File: BG032658.D
Acq: 13 Feb 2018 13:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.8	76.7	115.1
201	156.4	95.7	143.5#

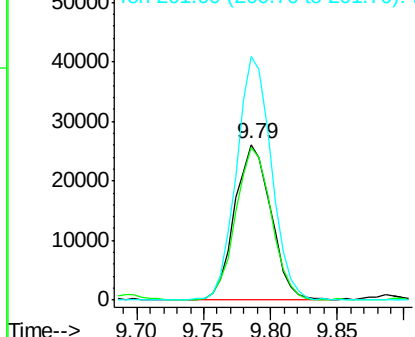
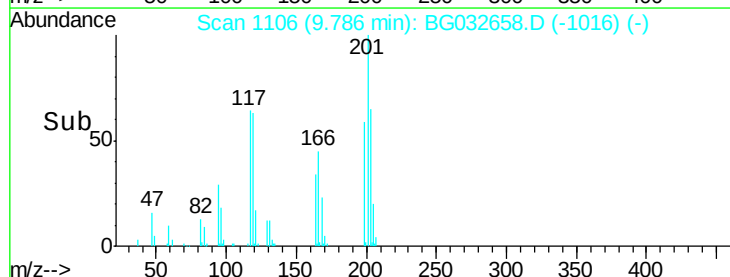


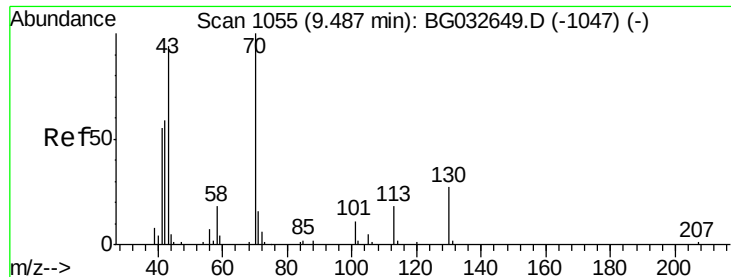
Abundance

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

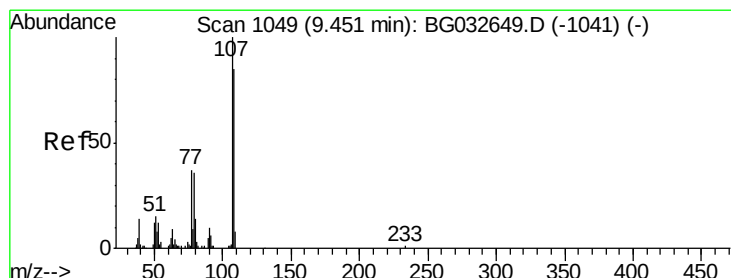
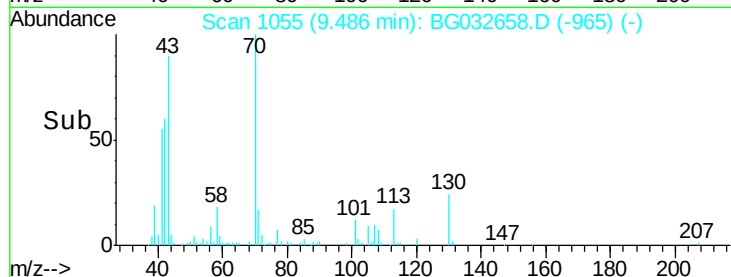
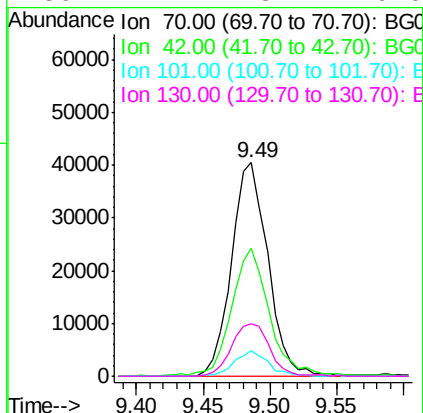
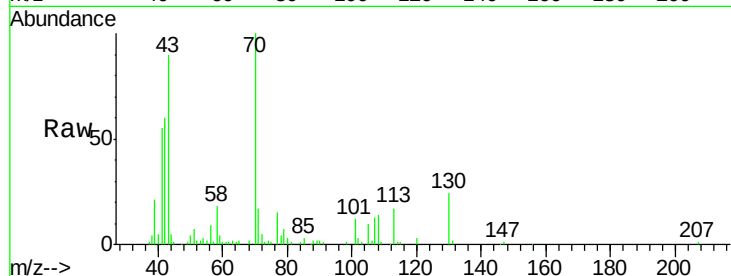




#19
n-Nitroso-di-n-propylamine
Concen: 43.688 ng
RT: 9.49 min Scan# 1055
Delta R.T. -0.00 min
Lab File: BG032658.D
Acq: 13 Feb 2018 13:33

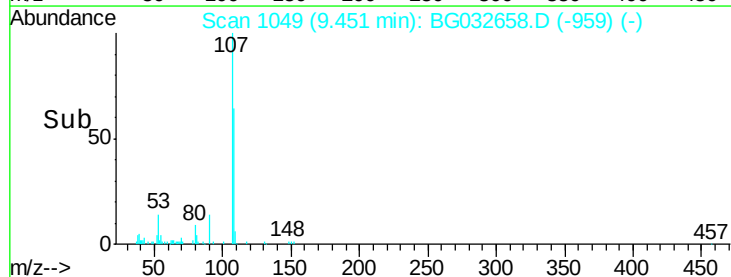
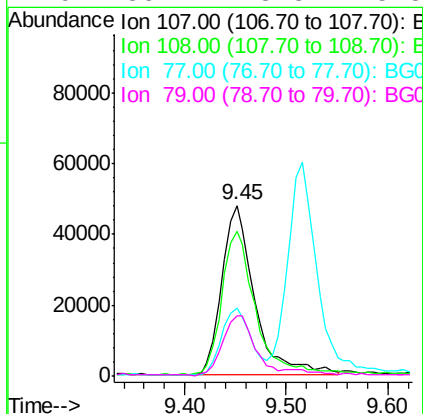
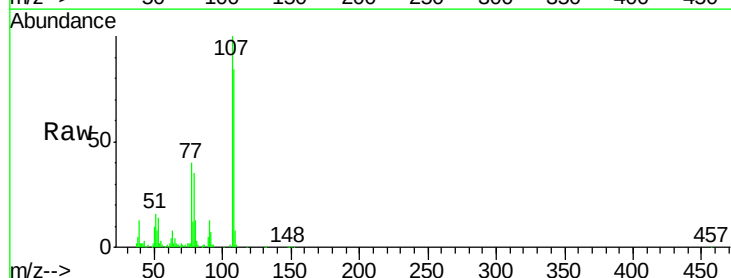
Instrument :
BNA_G
ClientSampleId :

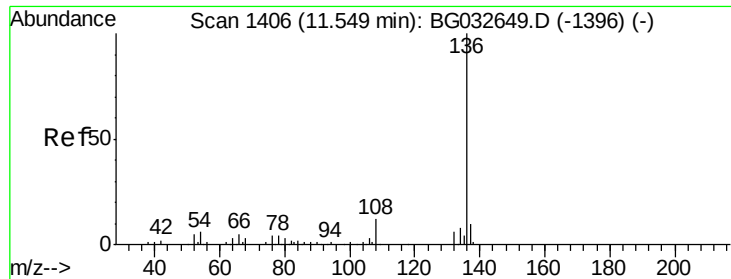
Tot Ion: 70 Resp: 76413
Ion Ratio Lower Upper
70 100
42 59.9 49.1 73.7
101 12.0 8.5 12.7
130 24.4 13.4 20.0#



#20
3+4-Methylphenols
Concen: 40.061 ng
RT: 9.45 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BG032658.D
Acq: 13 Feb 2018 13:33

Tgt Ion: 107 Resp: 108501
Ion Ratio Lower Upper
107 100
108 84.5 61.6 101.6
77 39.6 13.9 53.9
79 35.2 8.8 48.8

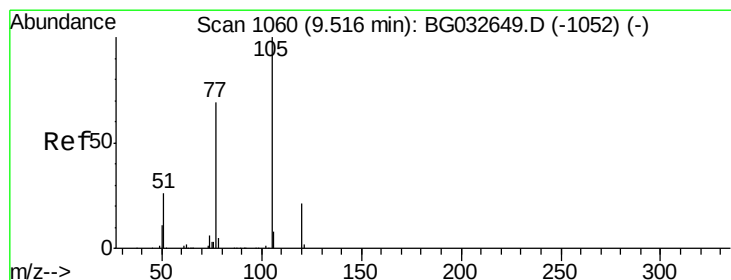
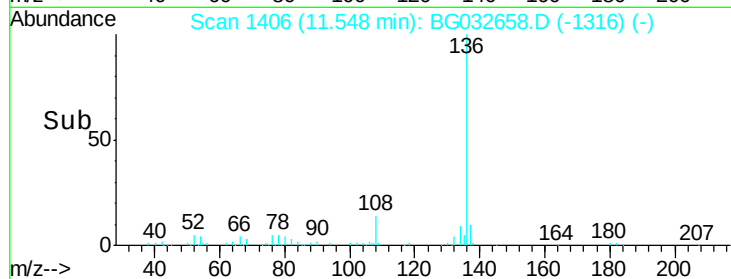
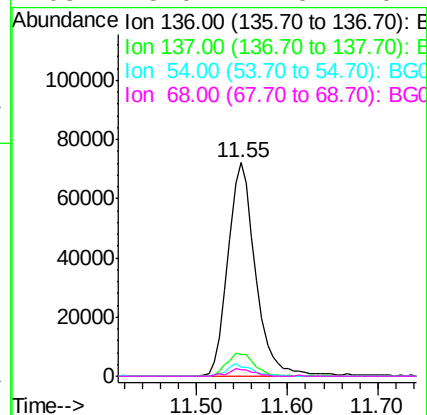
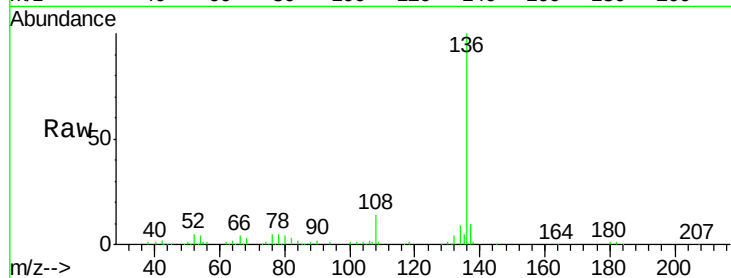




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.55 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BG032658.D
Acq: 13 Feb 2018 13:33

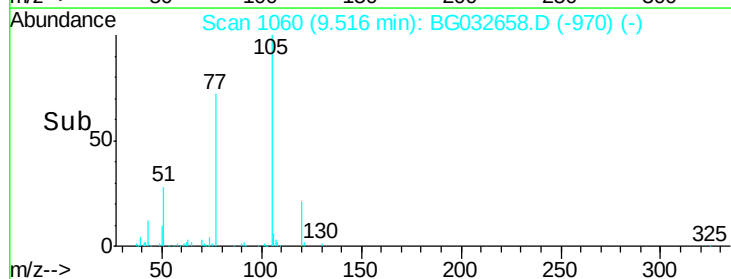
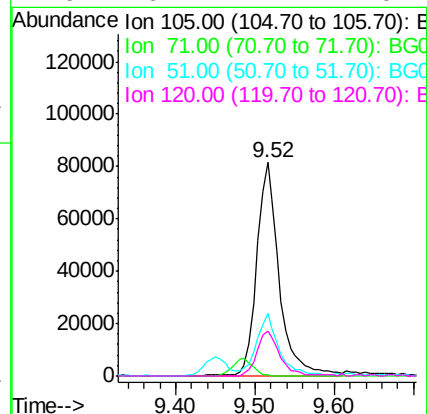
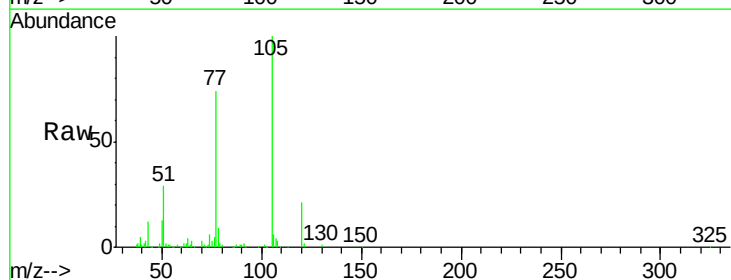
Instrument :
BNA_G
ClientSampleId :

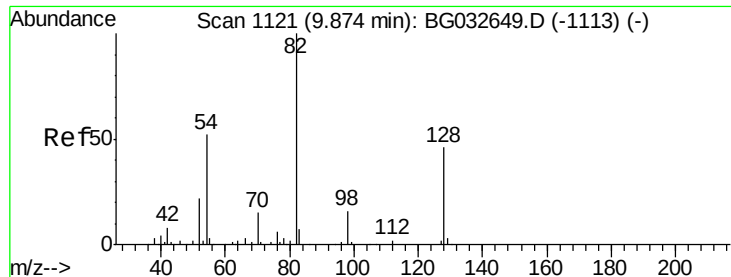
Tot Ion:136	Resp:	152794
Ion Ratio	Lower	Upper
136 100		
137 10.0	9.2	13.8
54 4.4	10.3	15.5#
68 3.0	4.5	6.7#



#22
Acetophenone
Concen: 49.745 ng
RT: 9.52 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BG032658.D
Acq: 13 Feb 2018 13:33

Tgt	Ion:105	Resp:	161651
Ion	Ratio	Lower	Upper
105	100		
71	0.5	3.0	4.4#
51	29.1	26.1	39.1
120	20.7	17.4	26.2

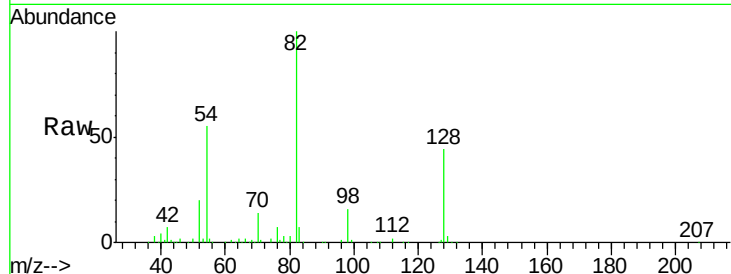




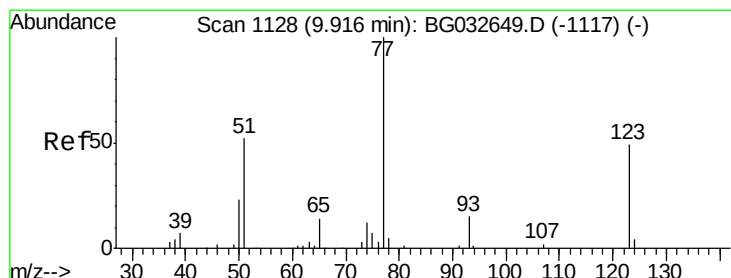
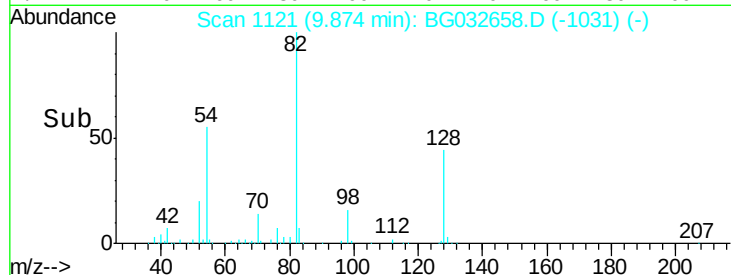
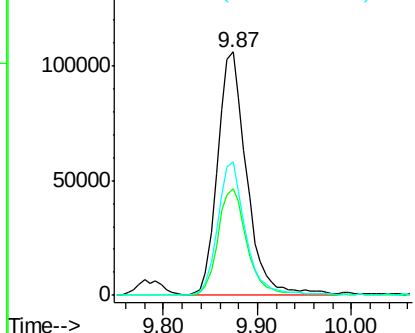
#23
 Nitrobenzene-d5
 Concen: 94.831 ng
 RT: 9.87 min Scan# 1121
 Delta R.T. -0.00 min
 Lab File: BG032658.D
 Acq: 13 Feb 2018 13:33

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	227985
Ion Ratio	Lower	Upper	
82	100		
128	43.7	29.7	44.5
54	54.8	43.1	64.7

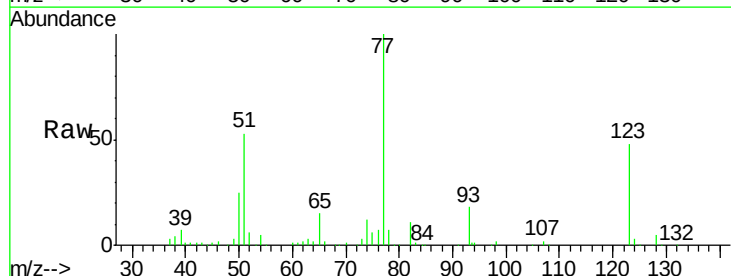


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

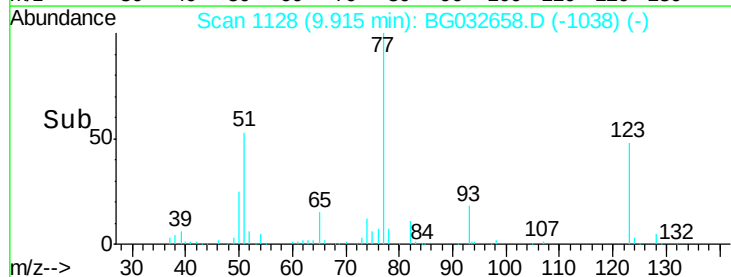
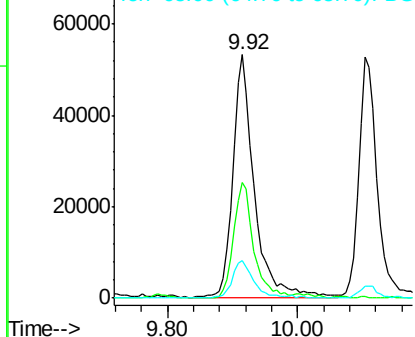


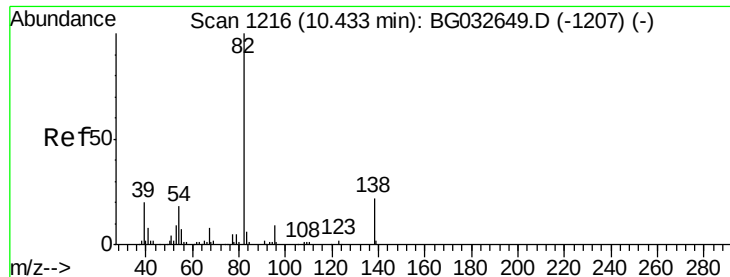
#24
 Nitrobenzene
 Concen: 48.610 ng
 RT: 9.92 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: BG032658.D
 Acq: 13 Feb 2018 13:33

Tgt Ion	77	Resp	122360
Ion Ratio	Lower	Upper	
77	100		
123	47.5	33.0	49.6
65	15.4	13.0	19.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 46.958 ng

RT: 10.43 min Scan# 1216

Delta R.T. -0.00 min

Lab File: BG032658.D

Acq: 13 Feb 2018 13:33

Instrument :

BNA_G

ClientSampleId :

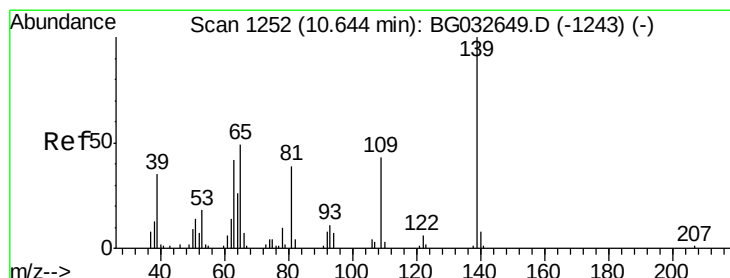
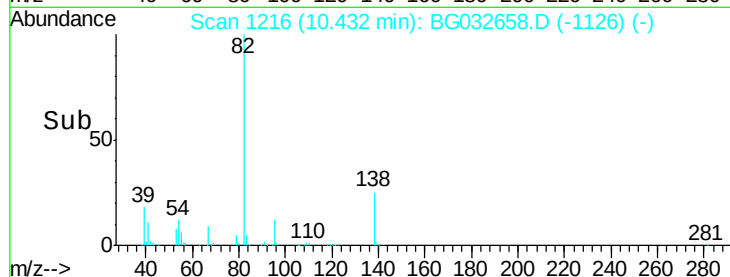
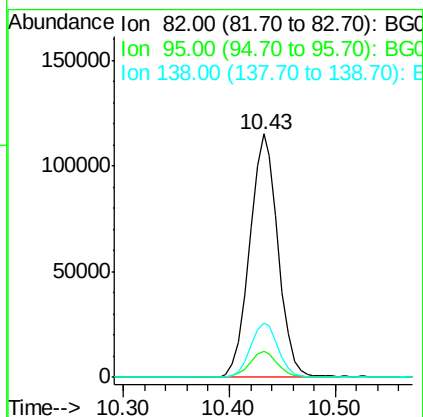
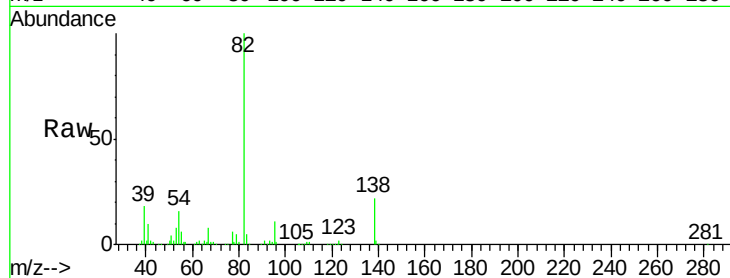
Tot Ion: 82 Resp: 215239

Ion Ratio Lower Upper

82 100

95 10.8 6.2 9.2#

138 22.2 12.1 18.1#



#26

2-Nitrophenol

Concen: 44.934 ng

RT: 10.64 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BG032658.D

Acq: 13 Feb 2018 13:33

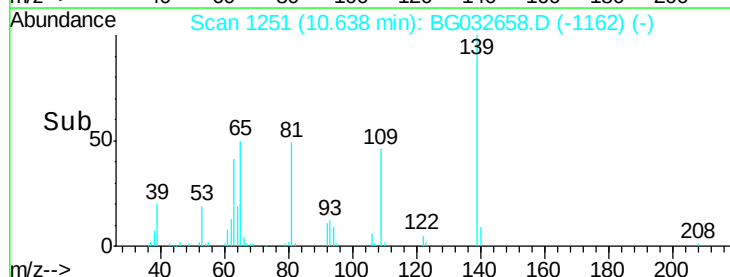
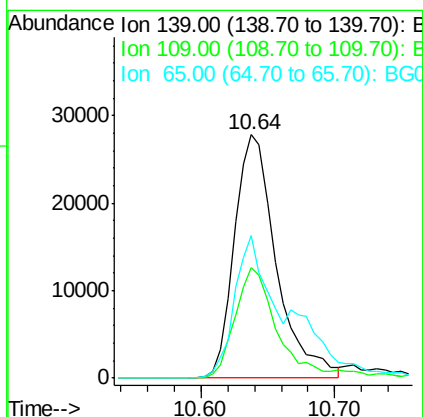
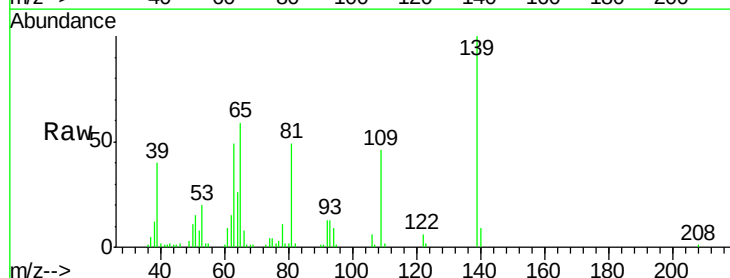
Tgt Ion: 139 Resp: 60495

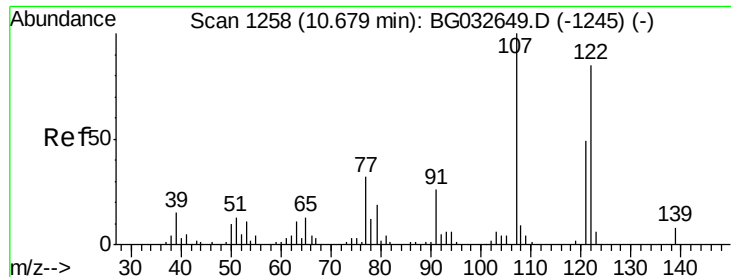
Ion Ratio Lower Upper

139 100

109 45.6 24.2 36.2#

65 58.6 47.4 71.0#

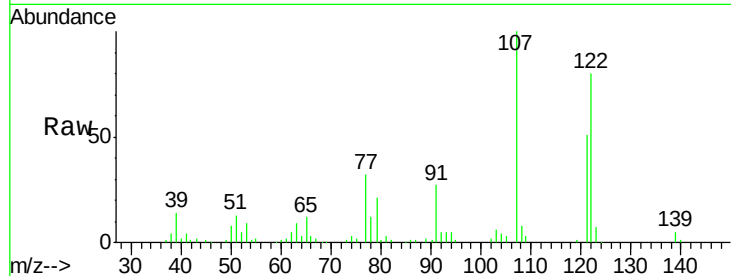




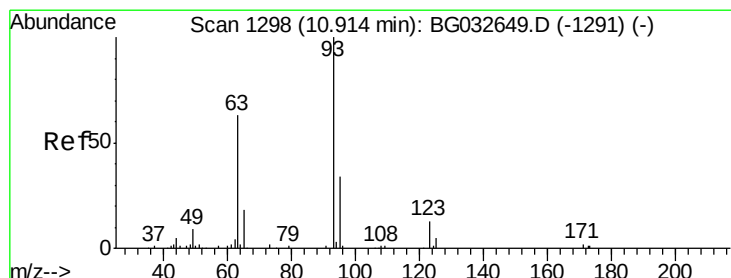
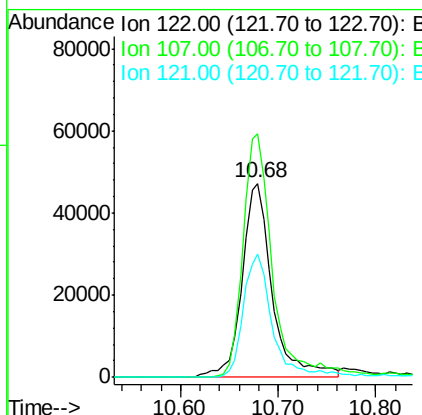
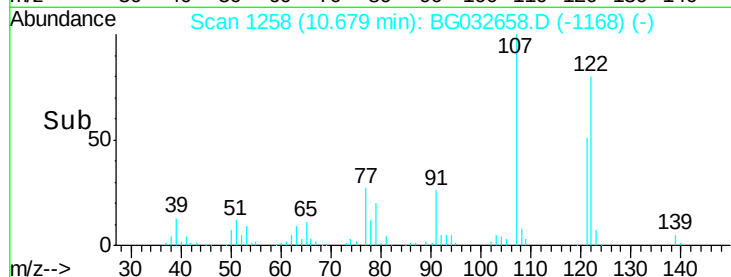
#27
 2,4-Dimethylphenol
 Concen: 57.742 ng
 RT: 10.68 min Scan# 1258
 Delta R.T. -0.00 min
 Lab File: BG032658.D
 Acq: 13 Feb 2018 13:33

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:122 Resp: 102133
 Ion Ratio Lower Upper
 122 100
 107 125.6 100.2 150.2
 121 63.7 44.4 66.6

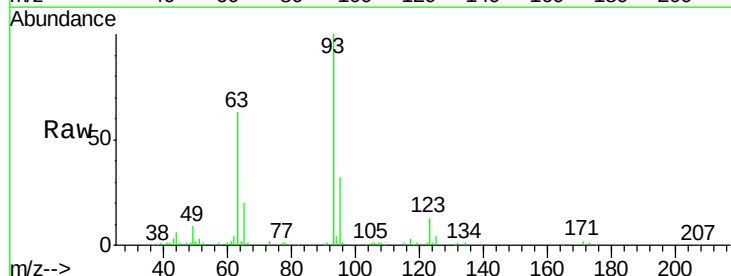


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

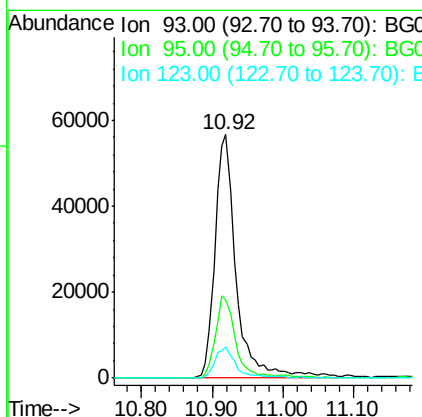
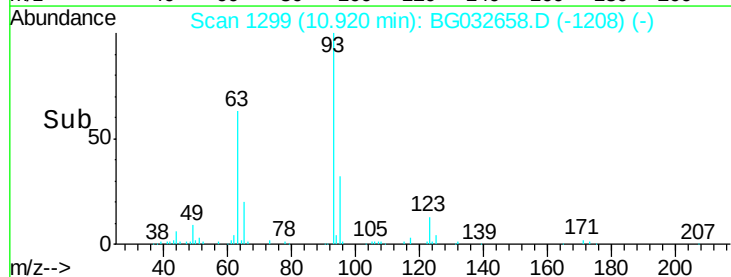


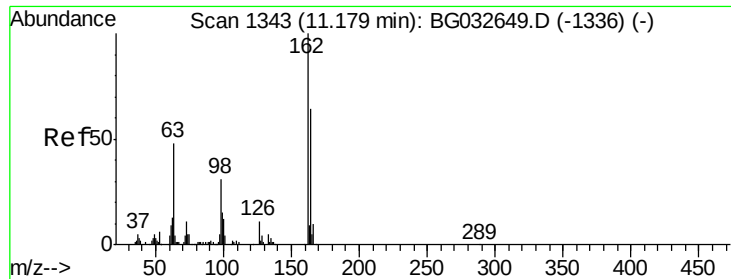
#28
 bis(2-Chloroethoxy)methane
 Concen: 50.702 ng
 RT: 10.92 min Scan# 1299
 Delta R.T. 0.01 min
 Lab File: BG032658.D
 Acq: 13 Feb 2018 13:33

Tgt Ion: 93 Resp: 118803
 Ion Ratio Lower Upper
 93 100
 95 32.3 24.3 36.5
 123 12.9 8.4 12.6#



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

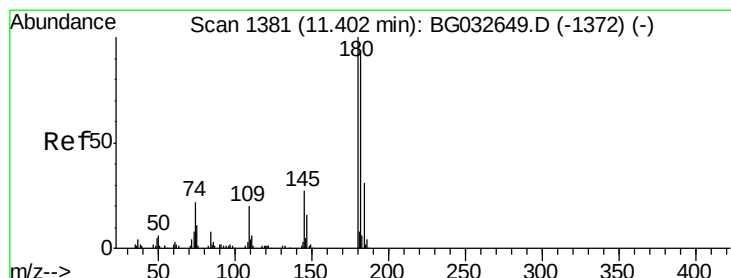
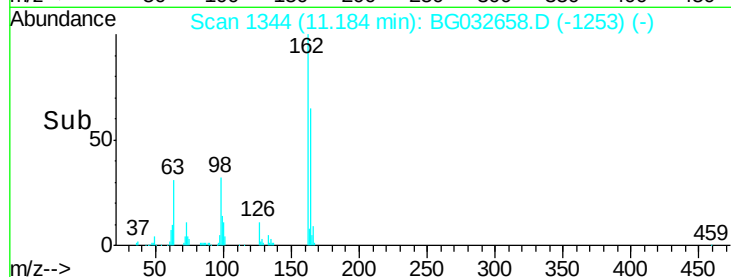
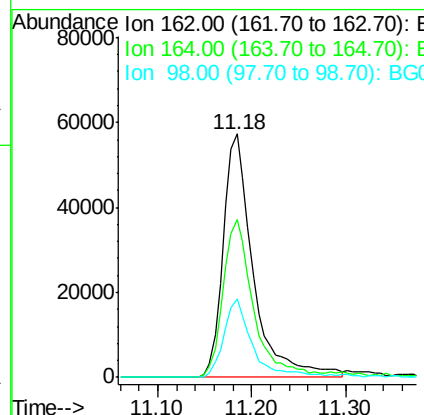
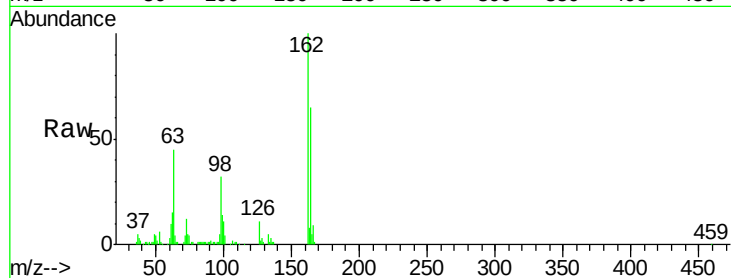




#29
 2,4-Dichlorophenol
 Concen: 49.430 ng
 RT: 11.18 min Scan# 1344
 Delta R.T. 0.01 min
 Lab File: BG032658.D
 Acq: 13 Feb 2018 13:33

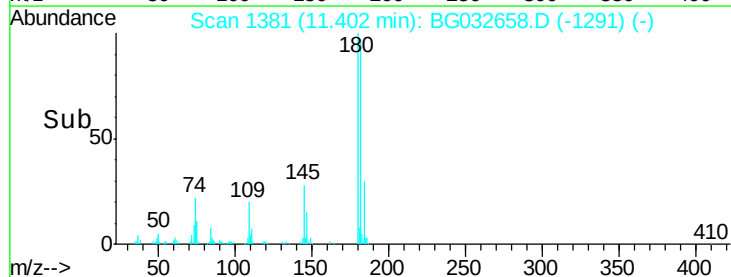
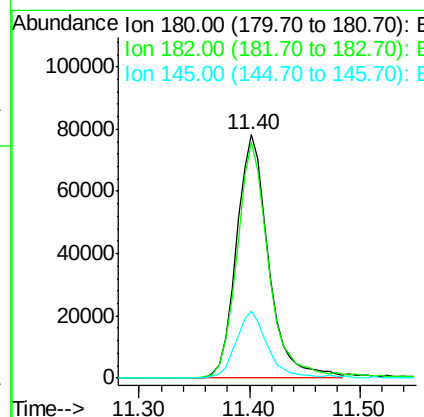
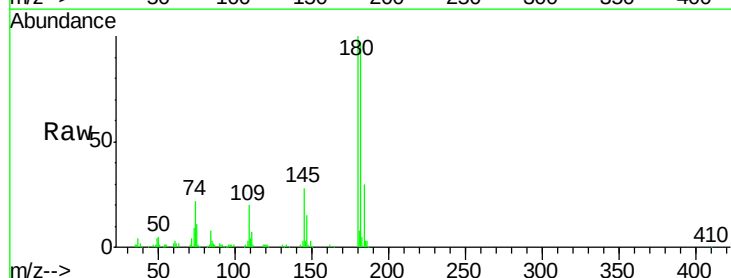
Instrument :
 BNA_G
 ClientSampleId :

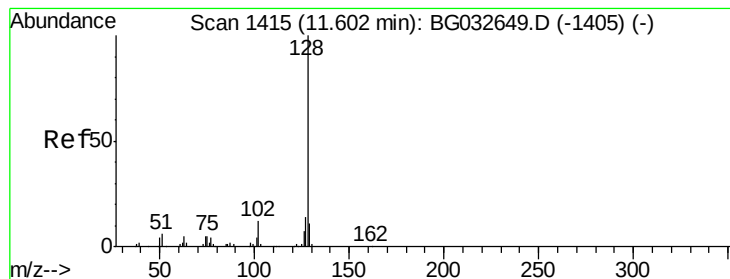
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	48.0	88.0
98	32.0	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 44.010 ng
 RT: 11.40 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: BG032658.D
 Acq: 13 Feb 2018 13:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	77.5	116.3
145	27.7	23.4	35.2





#31

Naphthalene

Concen: 47.507 ng

RT: 11.60 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BG032658.D

Acq: 13 Feb 2018 13:33

Instrument :

BNA_G

ClientSampleId :

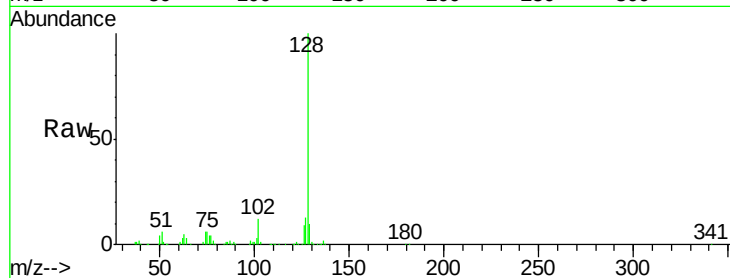
Tot Ion:128 Resp: 352462

Ion Ratio Lower Upper

128 100

129 10.3 8.6 12.8

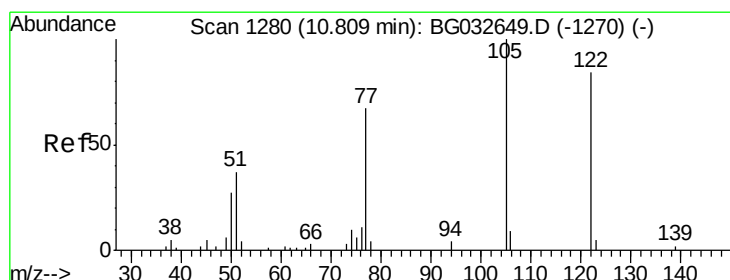
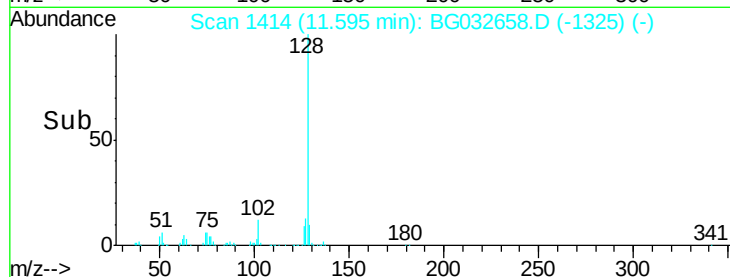
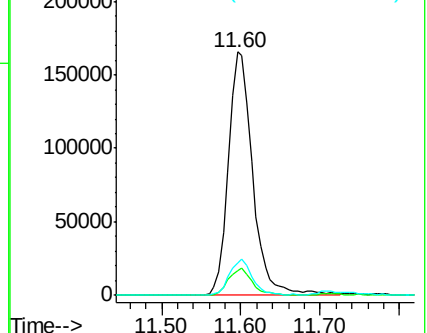
127 13.2 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 69.860 ng

RT: 10.68 min Scan# 1258

Delta R.T. -0.13 min

Lab File: BG032658.D

Acq: 13 Feb 2018 13:33

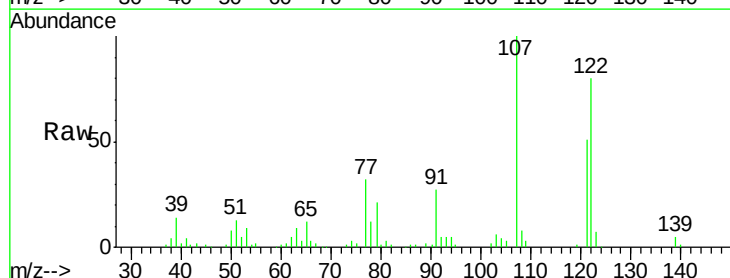
Tgt Ion:122 Resp: 102133

Ion Ratio Lower Upper

122 100

105 4.1 123.5 163.5#

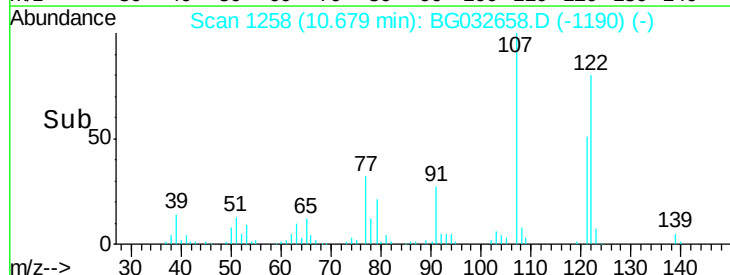
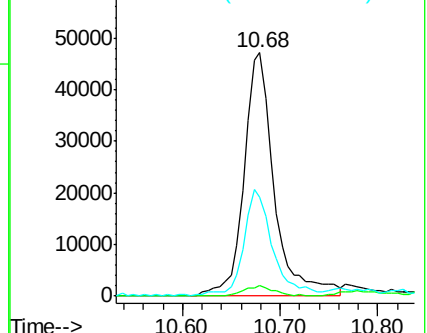
77 40.8 85.7 125.7#

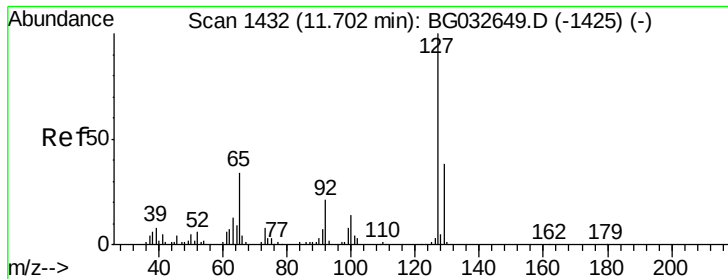


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

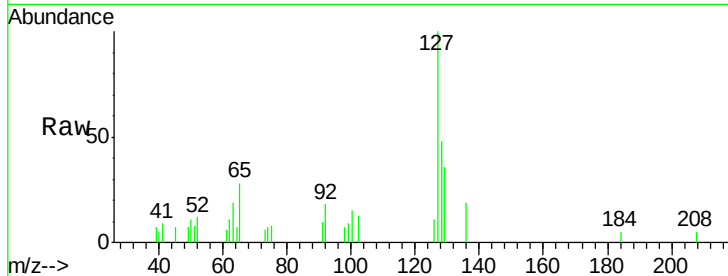




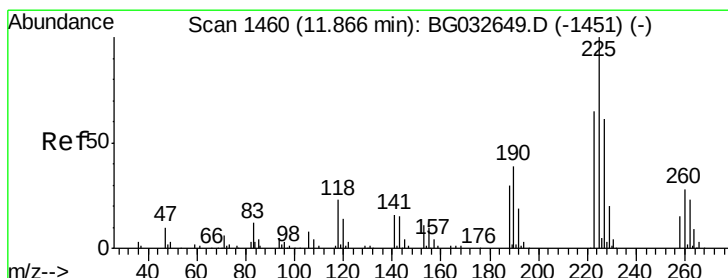
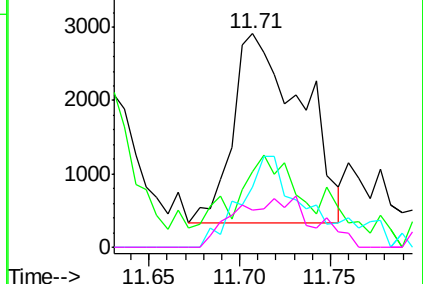
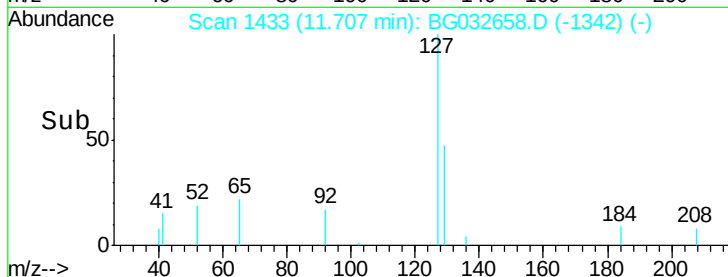
#33
4-Chloroaniline
Concen: 2.335 ng
RT: 11.71 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BG032658.D
Acq: 13 Feb 2018 13:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	6874
Ion	Ratio	Lower	Upper
127	100		
129	35.6	24.0	36.0
65	28.0	27.0	40.4
92	17.5	16.6	25.0

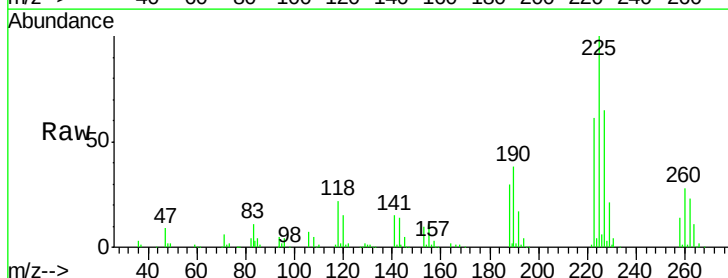


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

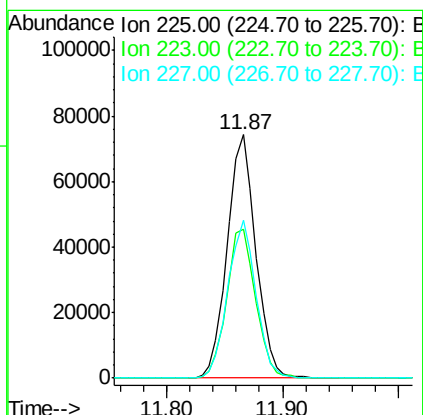
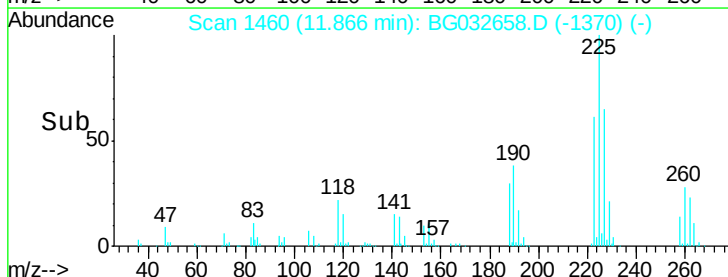


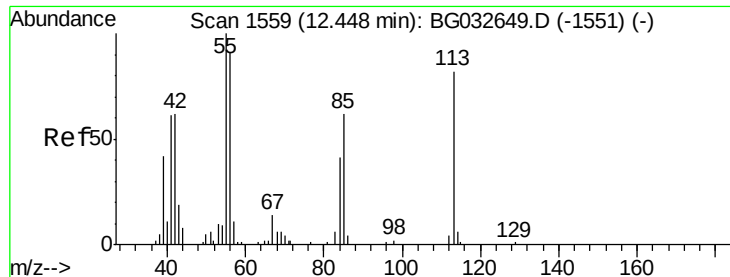
#34
Hexachlorobutadiene
Concen: 42.726 ng
RT: 11.87 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BG032658.D
Acq: 13 Feb 2018 13:33

Tgt Ion:	225	Resp:	127087
Ion	Ratio	Lower	Upper
225	100		
223	61.2	49.7	74.5
227	64.8	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: 31.903 ng

RT: 12.44 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BG032658.D

Acq: 13 Feb 2018 13:33

Instrument :

BNA_G

ClientSampleId :

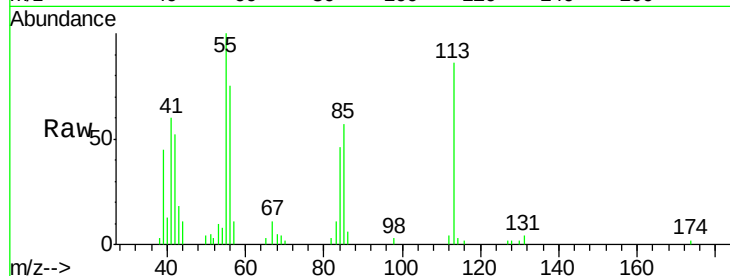
Tot Ion:113 Resp: 23454

Ion Ratio Lower Upper

113 100

55 116.0 186.9 226.9#

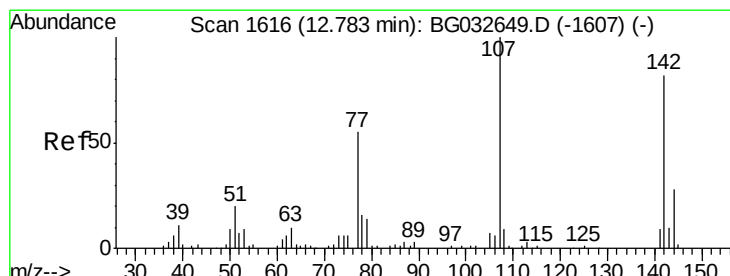
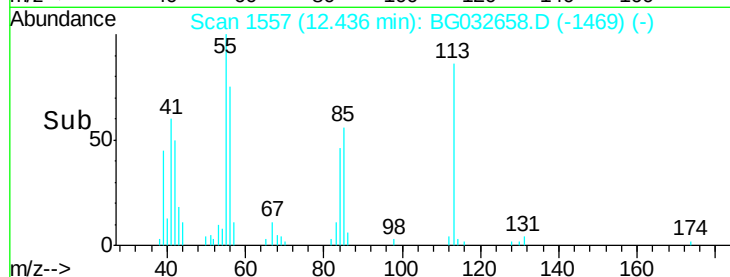
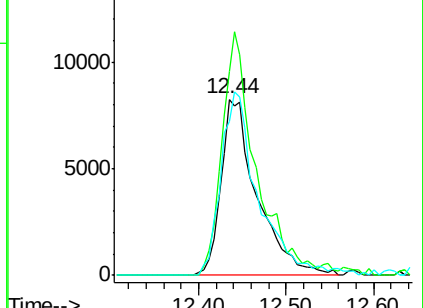
56 87.3 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG032649.D (-1551) (-)

Ion 56.00 (55.70 to 56.70): BG032649.D (-1551) (-)



#36

4-Chloro-3-methylphenol

Concen: 49.394 ng

RT: 12.78 min Scan# 1616

Delta R.T. -0.00 min

Lab File: BG032658.D

Acq: 13 Feb 2018 13:33

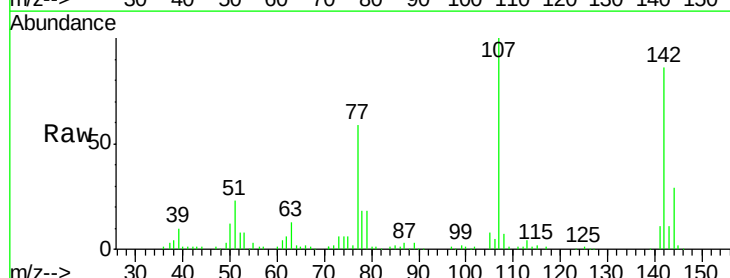
Tgt Ion:107 Resp: 115020

Ion Ratio Lower Upper

107 100

144 28.8 18.2 27.4#

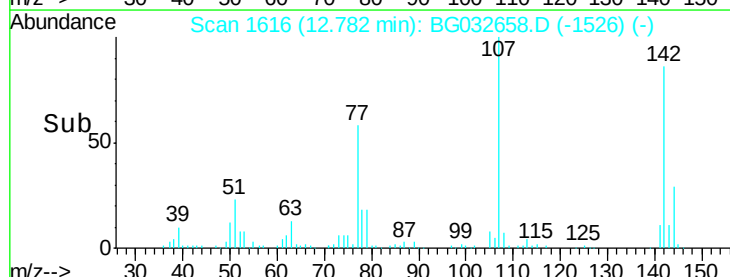
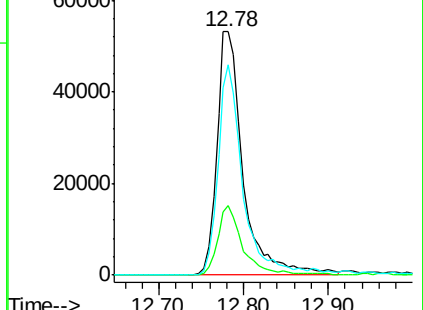
142 86.3 59.0 88.4

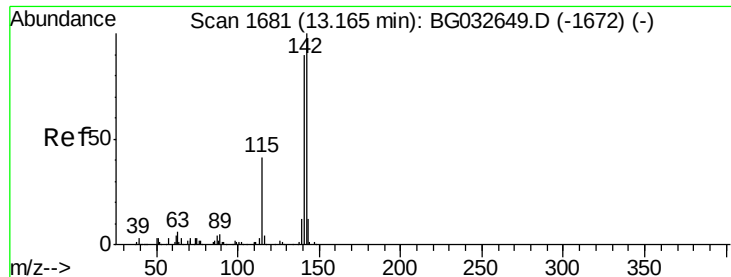


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

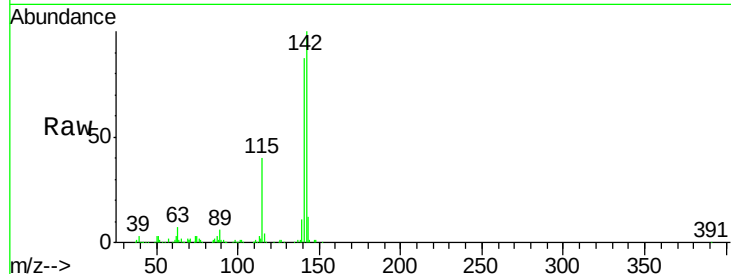




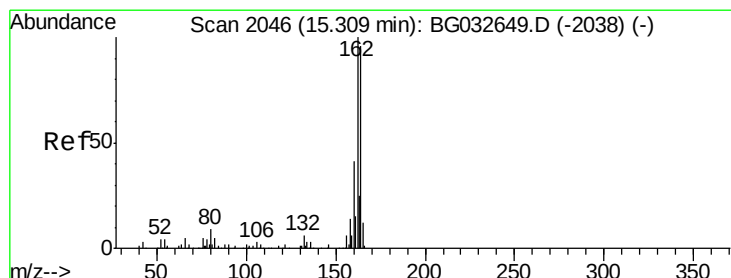
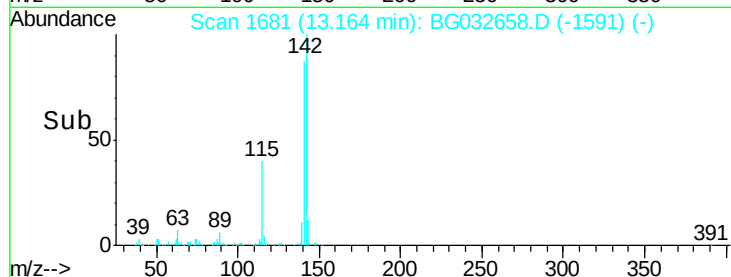
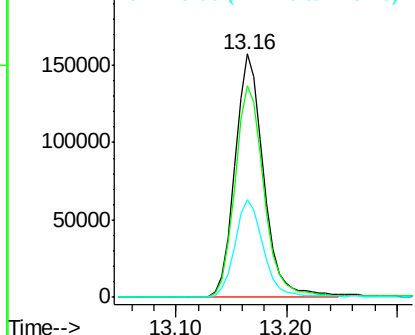
#37
2-Methylnaphthalene
Concen: 47.672 ng
RT: 13.16 min Scan# 1681
Delta R.T. -0.00 min
Lab File: BG032658.D
Acq: 13 Feb 2018 13:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.0	67.1	100.7
115	39.9	30.7	46.1

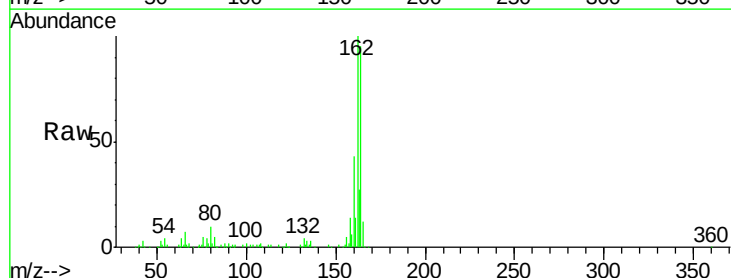


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

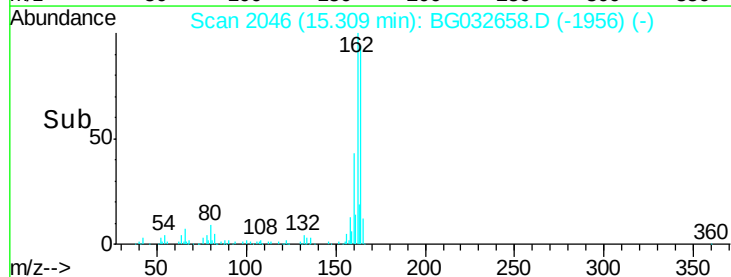
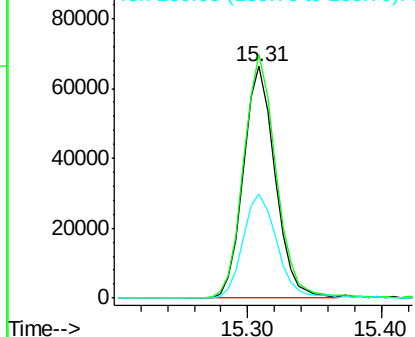


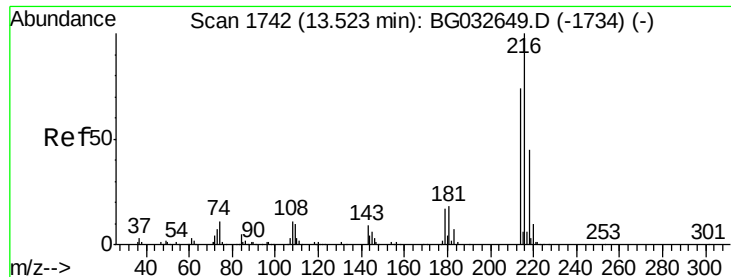
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.31 min Scan# 2046
Delta R.T. -0.00 min
Lab File: BG032658.D
Acq: 13 Feb 2018 13:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.1	78.8	118.2
160	45.2	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: 44.522 ng

RT: 13.52 min Scan# 1742

Delta R.T. -0.00 min

Lab File: BG032658.D

Acq: 13 Feb 2018 13:33

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 229222

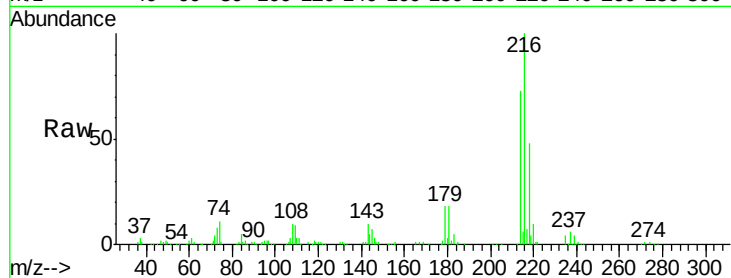
Ion Ratio Lower Upper

216 100

214 74.1 63.0 94.4

179 17.8 17.0 25.6

108 13.2 12.8 19.2

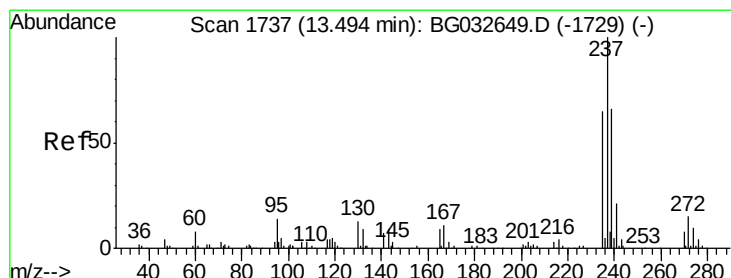
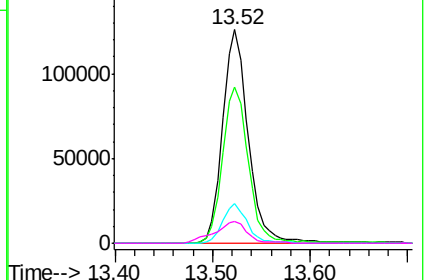
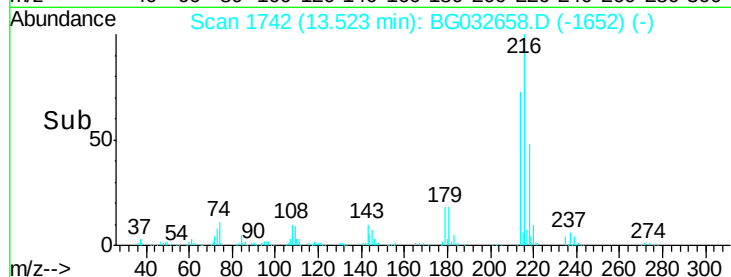


Abundance Ion 216.00 (215.70 to 216.70): E

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: 91.803 ng

RT: 13.49 min Scan# 1737

Delta R.T. -0.00 min

Lab File: BG032658.D

Acq: 13 Feb 2018 13:33

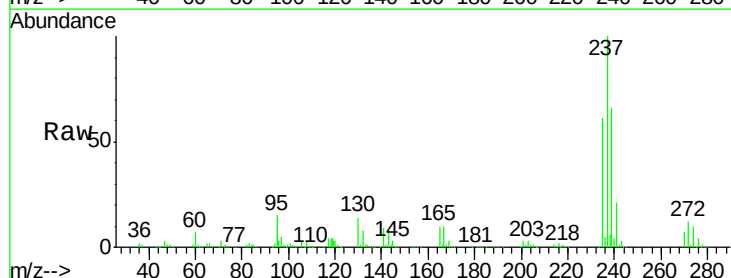
Tgt Ion:237 Resp: 299107

Ion Ratio Lower Upper

237 100

235 60.9 50.4 90.4

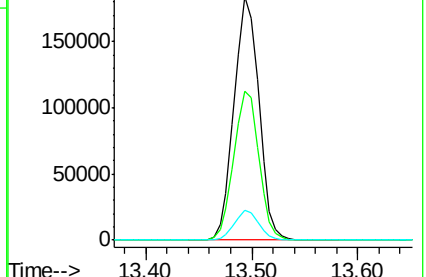
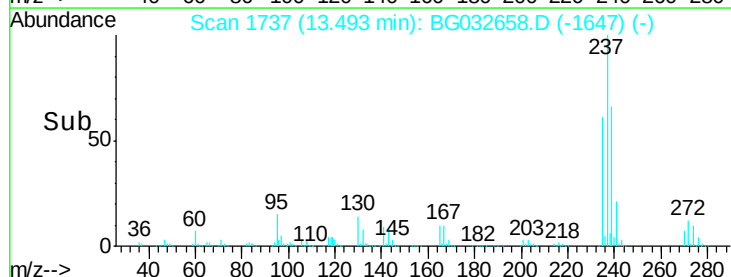
272 12.4 0.0 31.8

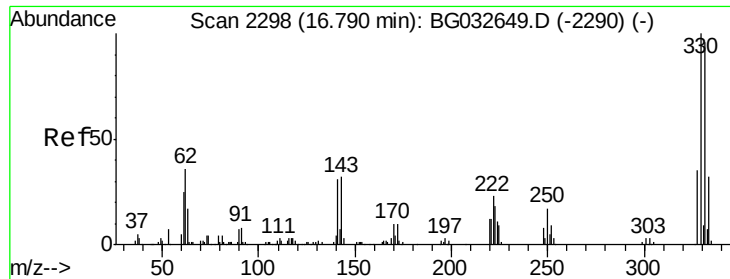


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

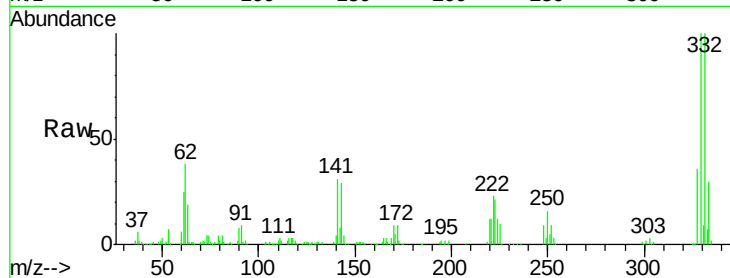




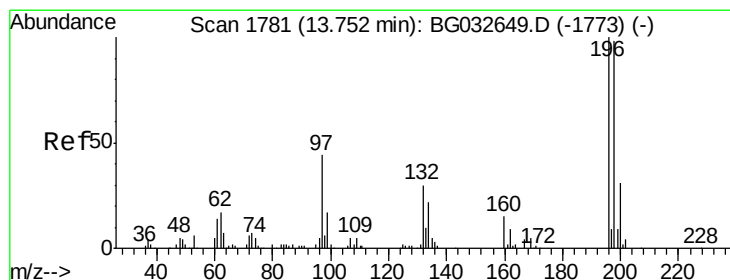
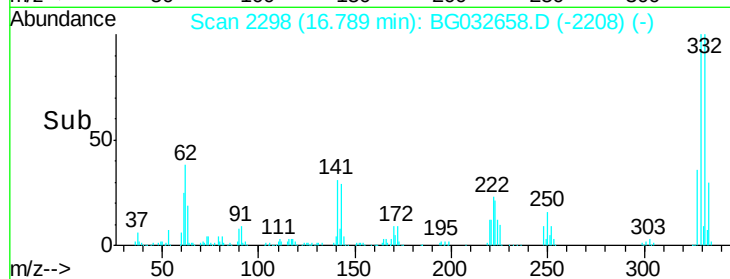
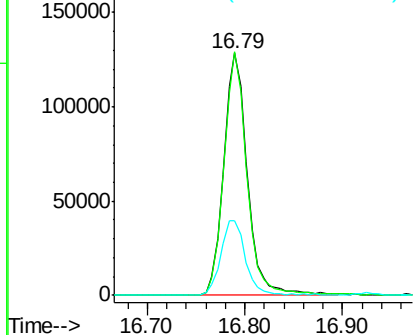
#41
 2,4,6-Tribromophenol
 Concen: 128.599 ng
 RT: 16.79 min Scan# 2298
 Delta R.T. -0.00 min
 Lab File: BG032658.D
 Acq: 13 Feb 2018 13:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 215848
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 32.5 25.2 37.8

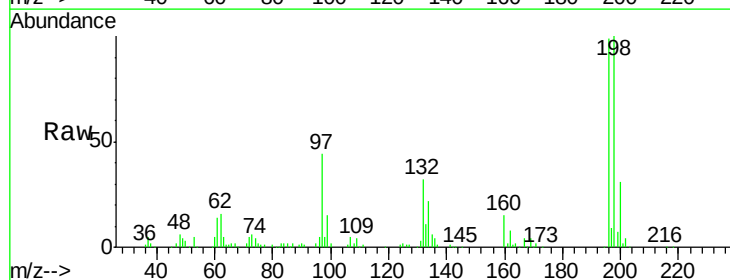


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

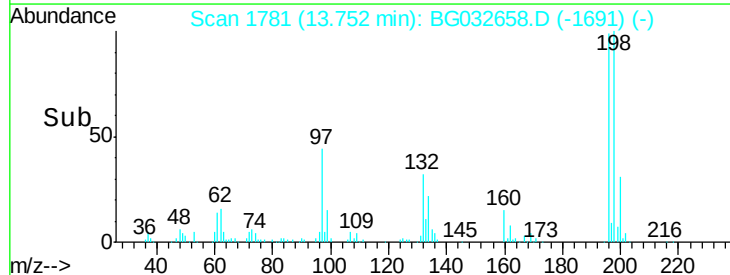
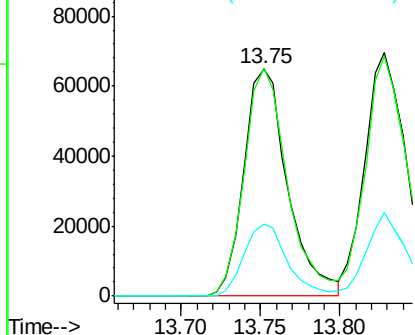


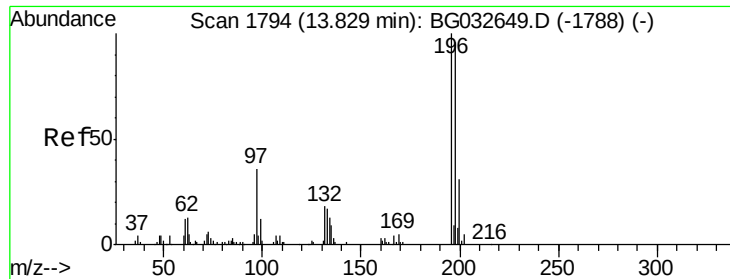
#42
 2,4,6-Trichlorophenol
 Concen: 48.609 ng
 RT: 13.75 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BG032658.D
 Acq: 13 Feb 2018 13:33

Tgt Ion:196 Resp: 124909
 Ion Ratio Lower Upper
 196 100
 198 100.5 78.2 117.2
 200 31.5 24.6 36.8



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

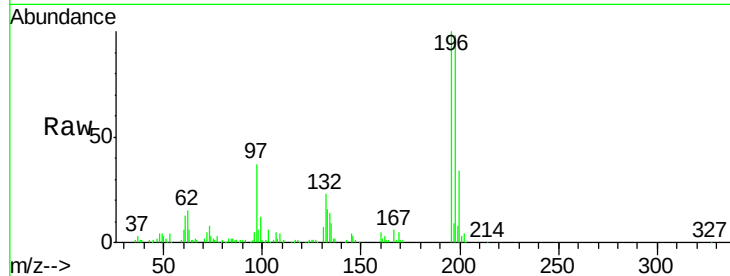




#43
 2,4,5-Trichlorophenol
 Concen: 43.283 ng
 RT: 13.83 min Scan# 1794
 Delta R.T. -0.00 min
 Lab File: BG032658.D
 Acq: 13 Feb 2018 13:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.3	76.2	114.4
97	36.5	38.7	58.1
132	22.8	20.2	30.2



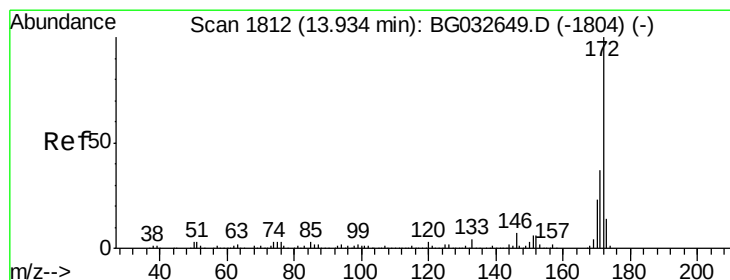
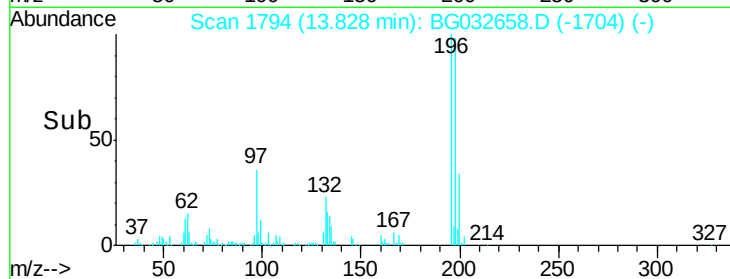
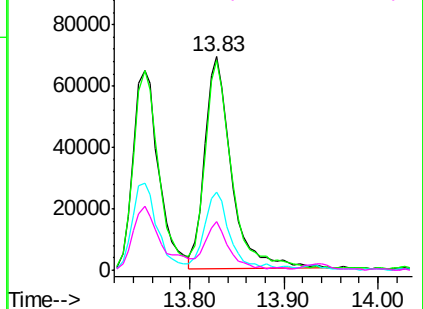
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

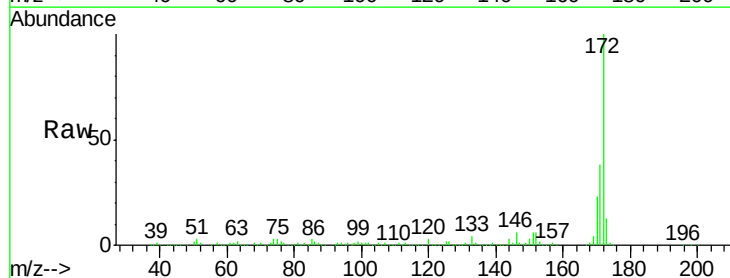
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 83.368 ng
 RT: 13.93 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: BG032658.D
 Acq: 13 Feb 2018 13:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	22.7	19.5	29.3

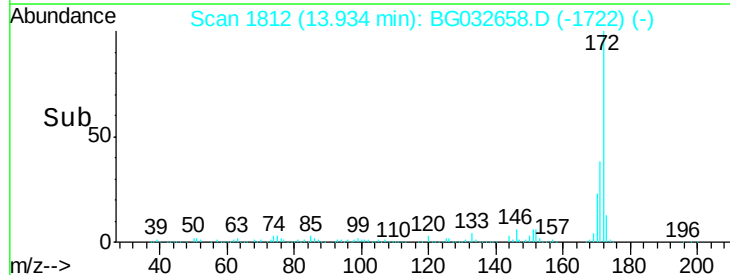
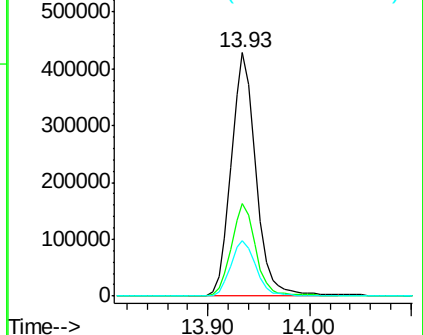


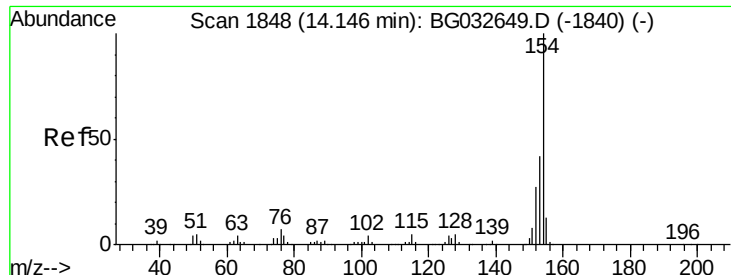
Abundance

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

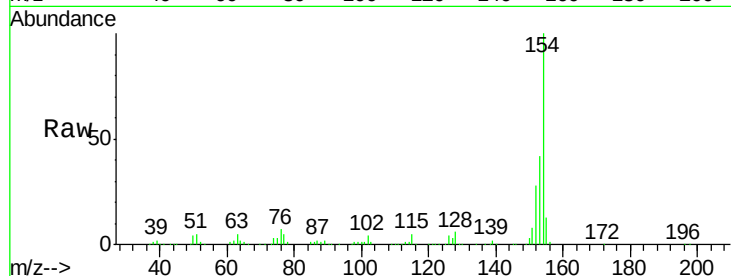




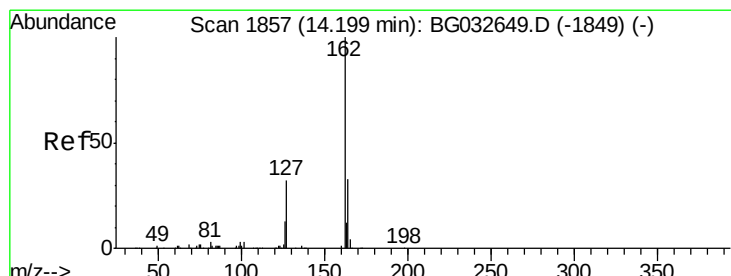
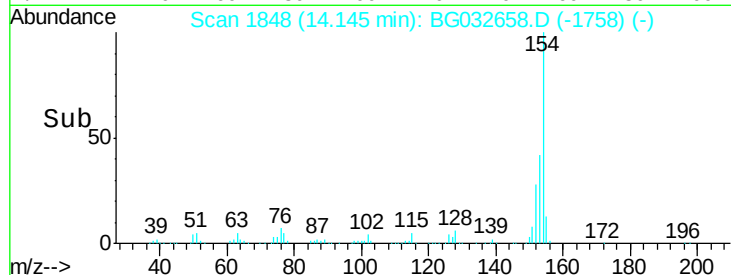
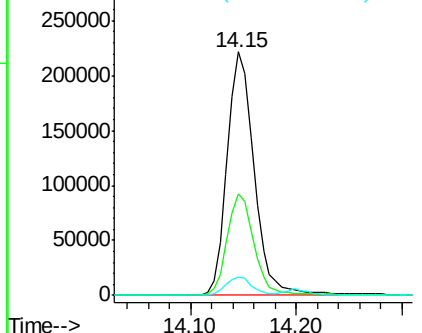
#45
 1,1'-Biphenyl
 Concen: 43.716 ng
 RT: 14.15 min Scan# 1848
 Delta R.T. -0.00 min
 Lab File: BG032658.D
 Acq: 13 Feb 2018 13:33

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:	154	Resp:	392095
Ion	Ratio	Lower	Upper
154	100		
153	41.9	19.8	59.8
76	7.3	0.0	31.9

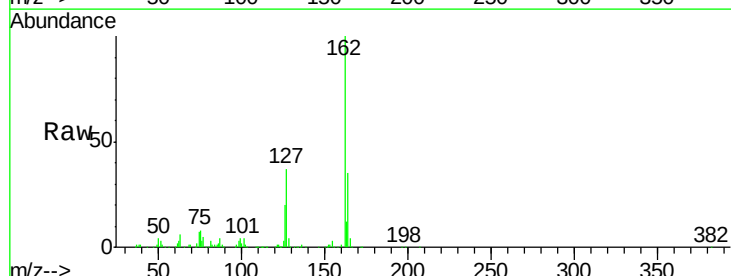


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

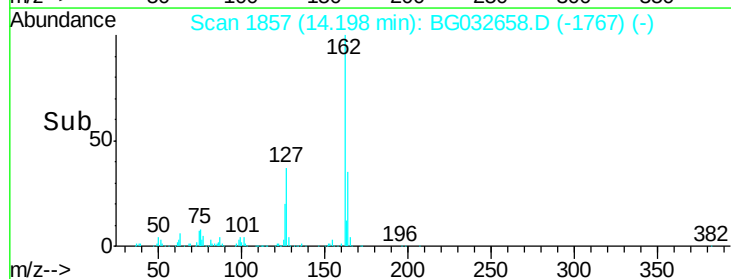
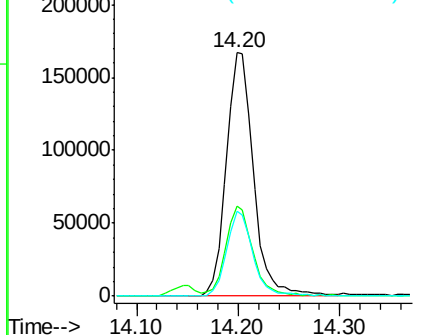


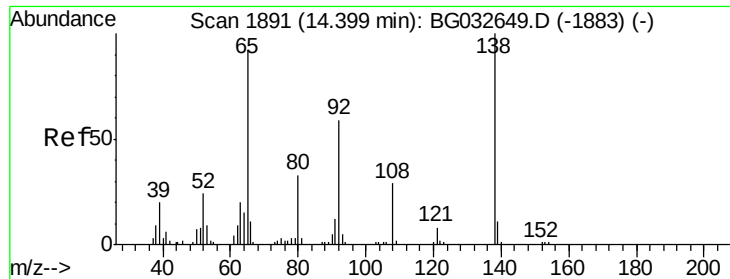
#46
 2-Chloronaphthalene
 Concen: 43.887 ng
 RT: 14.20 min Scan# 1857
 Delta R.T. -0.00 min
 Lab File: BG032658.D
 Acq: 13 Feb 2018 13:33

Tgt Ion:	162	Resp:	311482
Ion	Ratio	Lower	Upper
162	100		
127	36.7	30.7	46.1
164	34.9	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: 44.495 ng

RT: 14.39 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BG032658.D

Acq: 13 Feb 2018 13:33

Instrument :

BNA_G

ClientSampled :

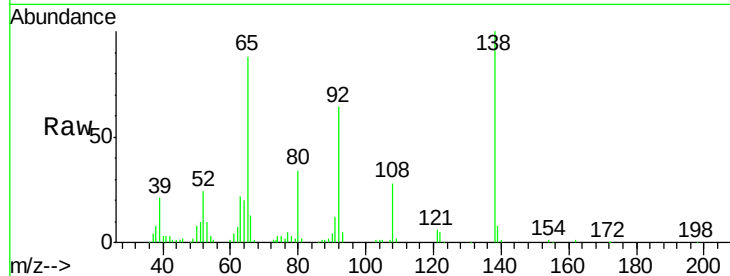
Tot Ion: 65 Resp: 68693

Ion Ratio Lower Upper

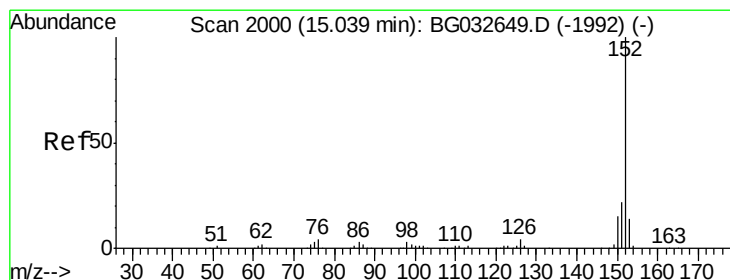
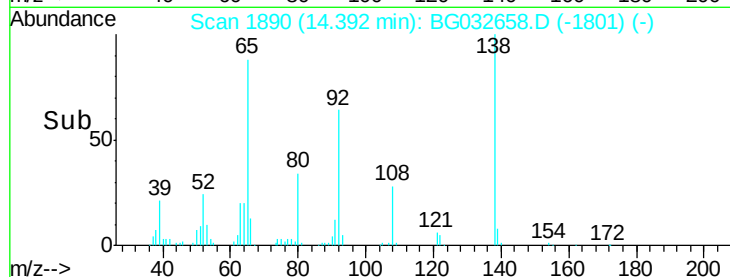
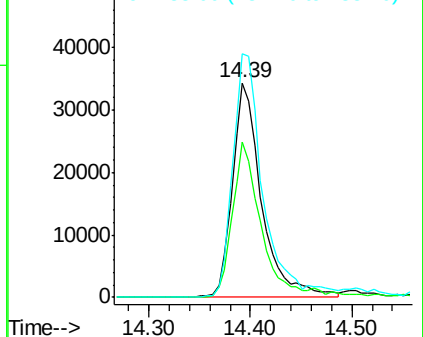
65 100

92 72.2 54.6 82.0

138 113.4 72.9 109.3#



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 43.066 ng

RT: 15.04 min Scan# 2000

Delta R.T. -0.00 min

Lab File: BG032658.D

Acq: 13 Feb 2018 13:33

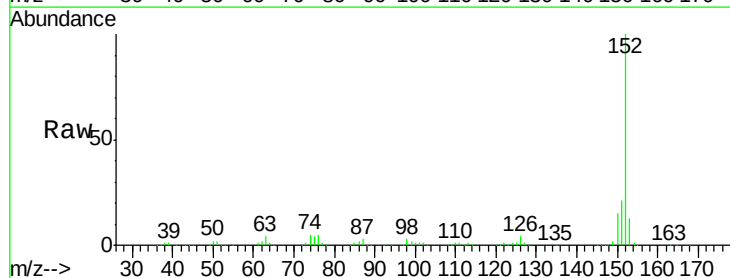
Tgt Ion: 152 Resp: 449689

Ion Ratio Lower Upper

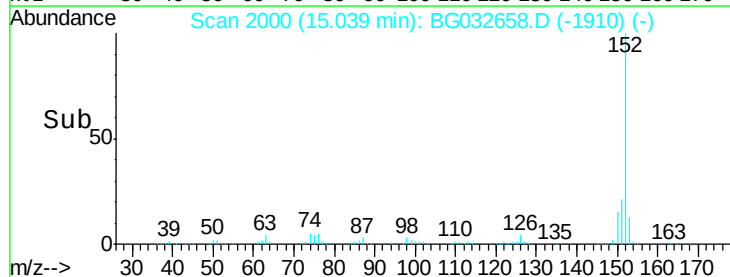
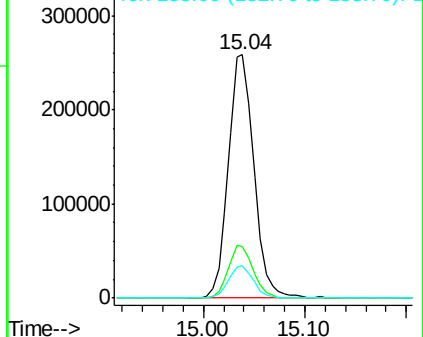
152 100

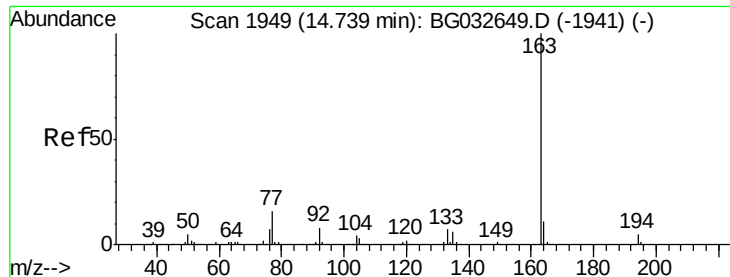
151 21.4 17.2 25.8

153 13.1 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 42.582 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG032658.D

Acq: 13 Feb 2018 13:33

Instrument :

BNA_G

ClientSampleId :

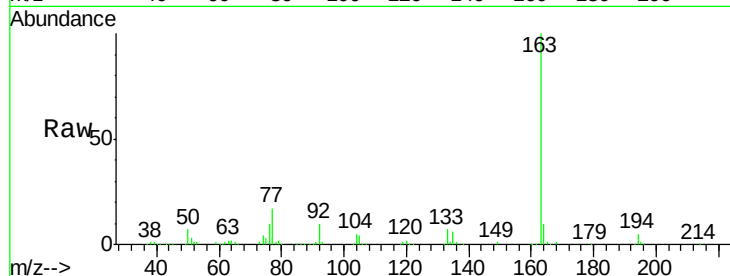
Tot Ion:163 Resp: 401231

Ion Ratio Lower Upper

163 100

194 5.0 3.4 5.2

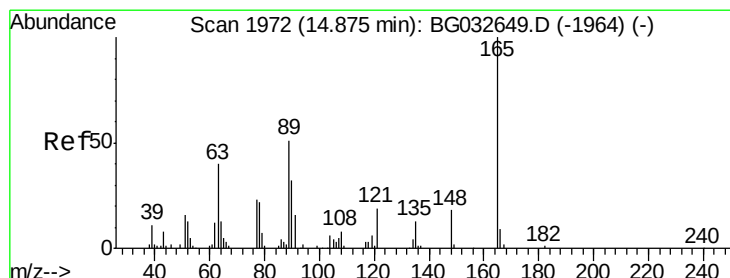
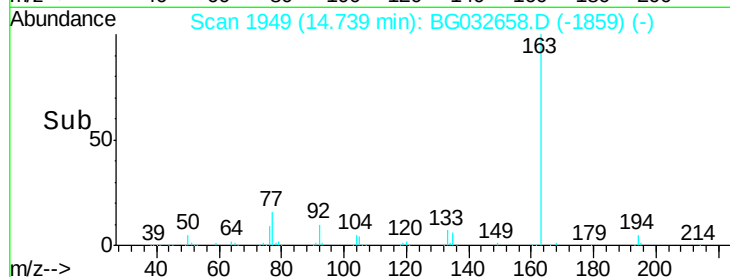
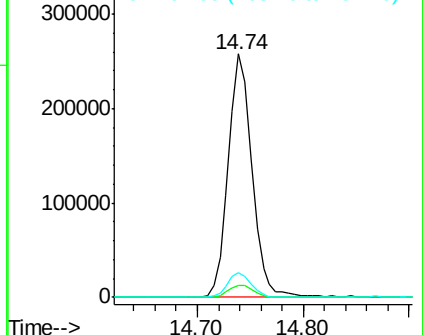
164 10.3 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 44.994 ng

RT: 14.87 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG032658.D

Acq: 13 Feb 2018 13:33

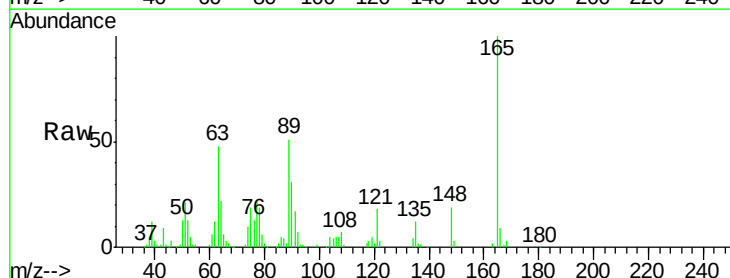
Tgt Ion:165 Resp: 87312

Ion Ratio Lower Upper

165 100

63 48.1 52.7 79.1#

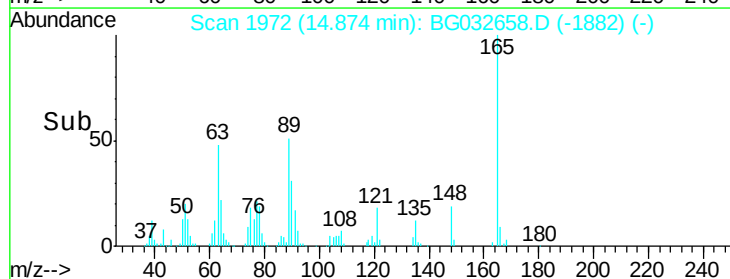
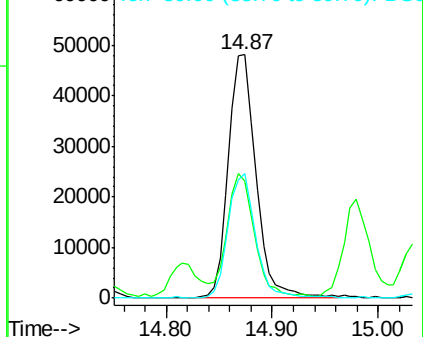
89 50.9 49.2 73.8

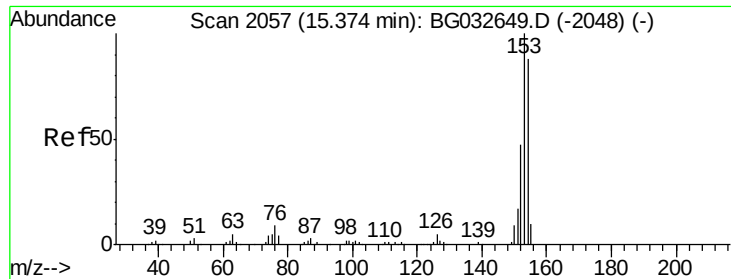


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 42.793 ng

RT: 15.37 min Scan# 2057

Delta R.T. -0.00 min

Lab File: BG032658.D

Acq: 13 Feb 2018 13:33

Instrument :

BNA_G

ClientSampleId :

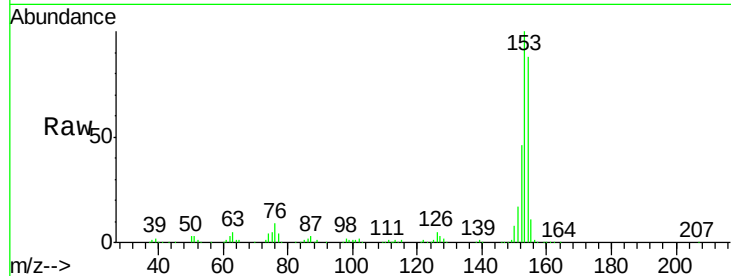
Tot Ion:154 Resp: 305156

Ion Ratio Lower Upper

154 100

153 114.0 90.4 135.6

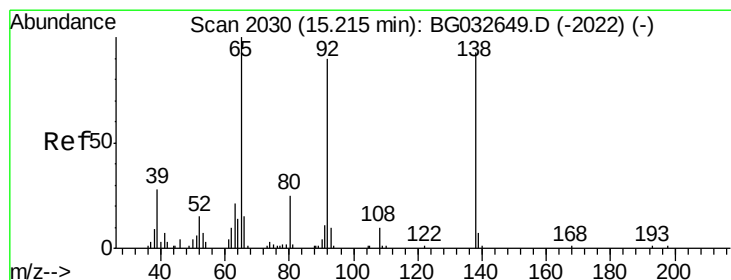
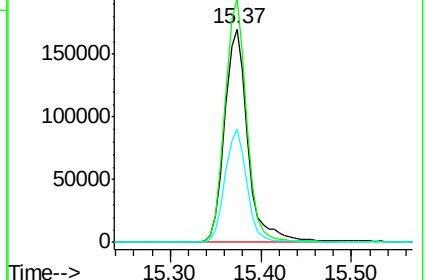
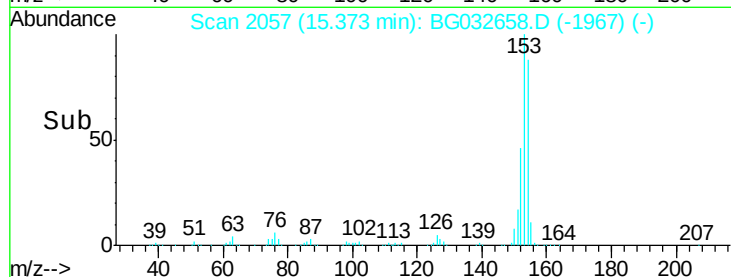
152 52.9 41.6 62.4



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: 9.236 ng

RT: 15.21 min Scan# 2030

Delta R.T. -0.00 min

Lab File: BG032658.D

Acq: 13 Feb 2018 13:33

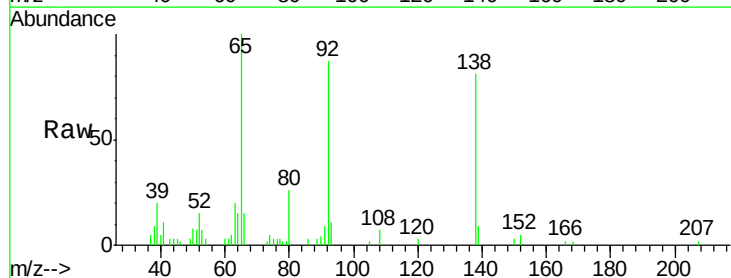
Tgt Ion:138 Resp: 15827

Ion Ratio Lower Upper

138 100

108 8.4 17.5 26.3#

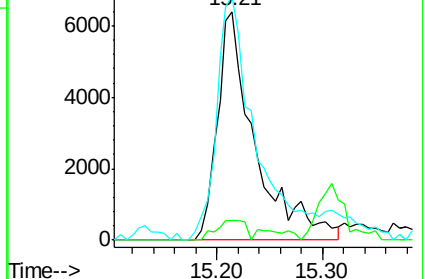
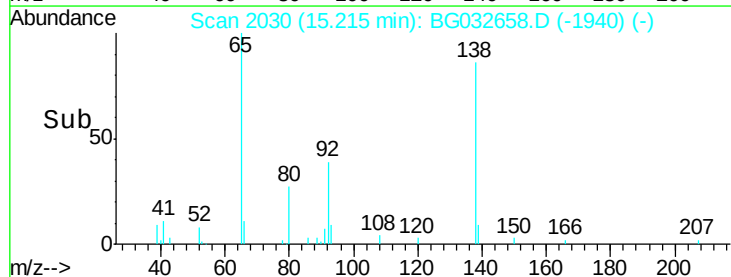
92 106.6 105.8 158.8

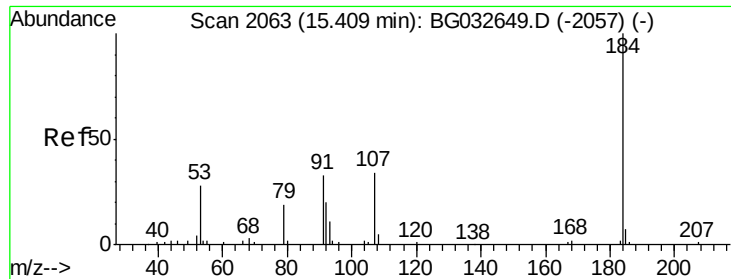


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

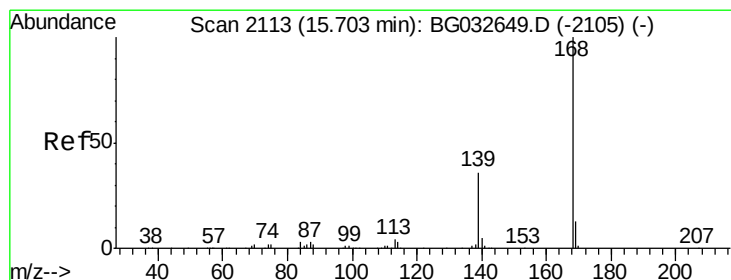
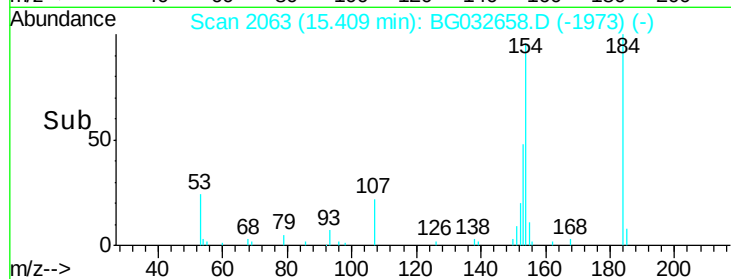
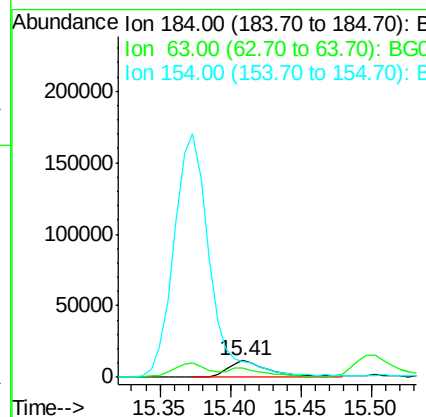
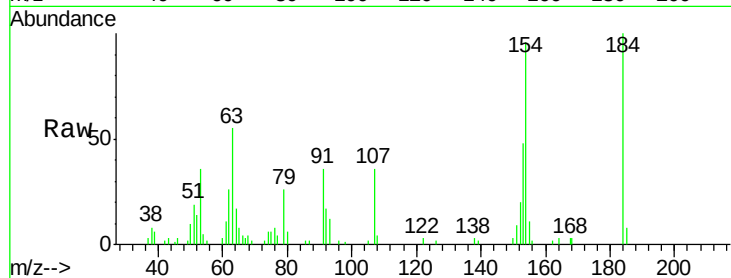




#53
 2,4-Dinitrophenol
 Concen: 31.760 ng
 RT: 15.41 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: BG032658.D
 Acq: 13 Feb 2018 13:33

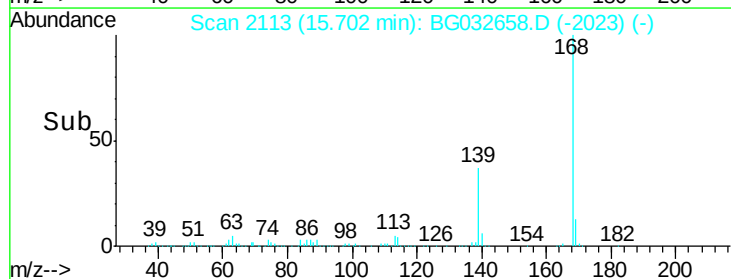
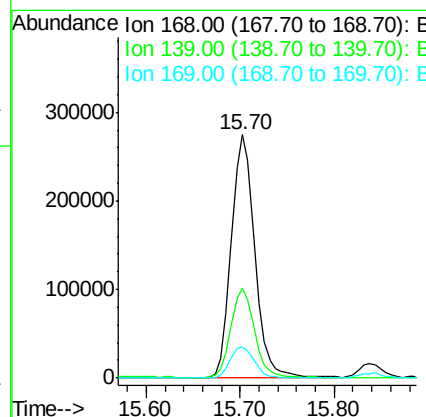
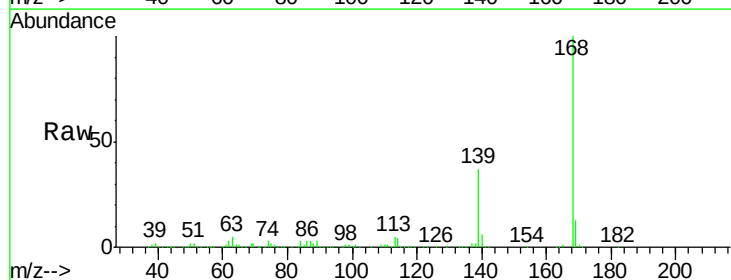
Instrument :
 BNA_G
 ClientSampleId :

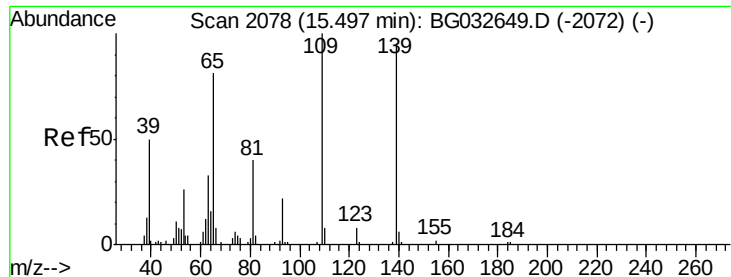
Tot Ion:184 Resp: 24804
 Ion Ratio Lower Upper
 184 100
 63 55.2 59.8 89.8#
 154 95.5 101.8 152.8#



#54
 Dibenzofuran
 Concen: 45.161 ng
 RT: 15.70 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: BG032658.D
 Acq: 13 Feb 2018 13:33

Tgt Ion:168 Resp: 479127
 Ion Ratio Lower Upper
 168 100
 139 37.2 28.6 43.0
 169 12.9 11.2 16.8

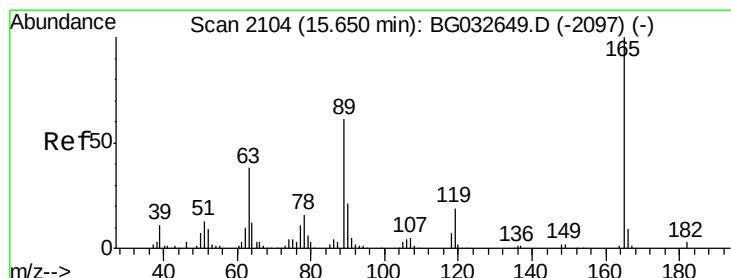
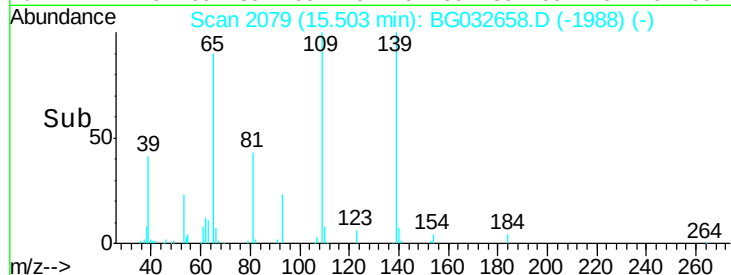
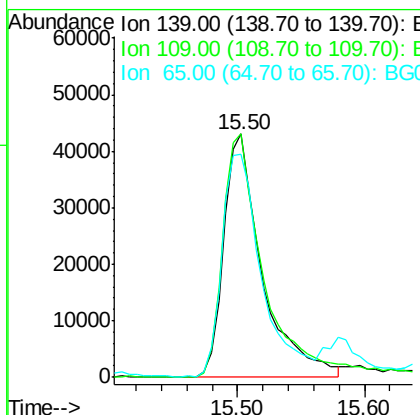
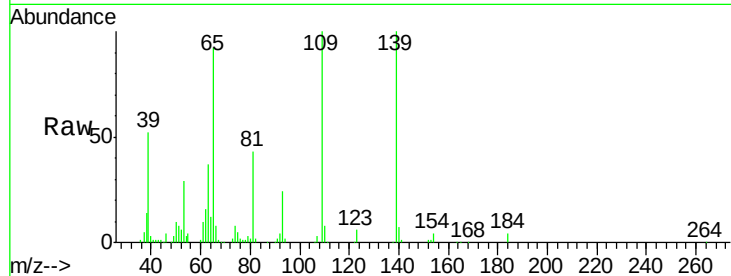




#55
4-Nitrophenol
Concen: 71.541 ng
RT: 15.50 min Scan# 2079
Delta R.T. 0.01 min
Lab File: BG032658.D
Acq: 13 Feb 2018 13:33

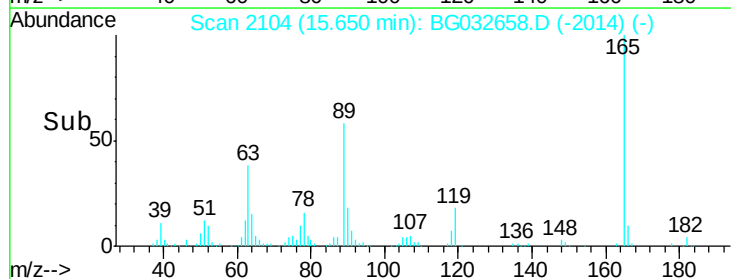
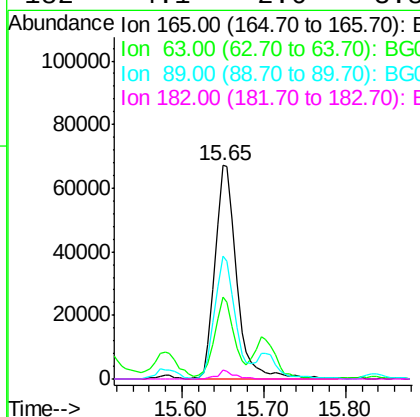
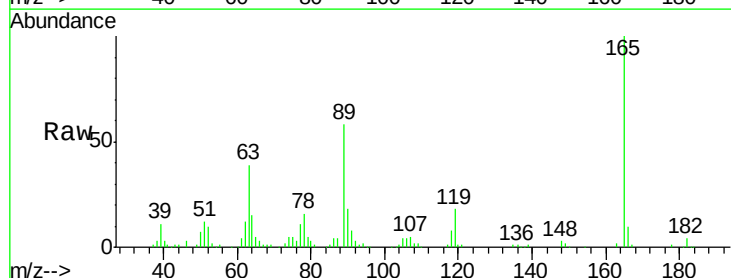
Instrument :
BNA_G
ClientSampled :

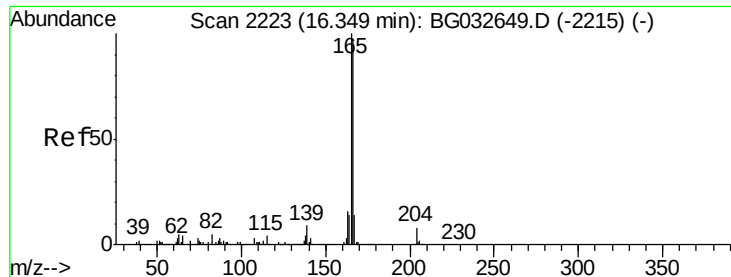
Tot Ion:139 Resp: 90133
Ion Ratio Lower Upper
139 100
109 100.2 62.2 102.2
65 91.8 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 46.259 ng
RT: 15.65 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BG032658.D
Acq: 13 Feb 2018 13:33

Tgt Ion:165 Resp: 123686
Ion Ratio Lower Upper
165 100
63 38.6 42.0 63.0#
89 57.8 66.9 100.3#
182 4.1 2.6 3.8#

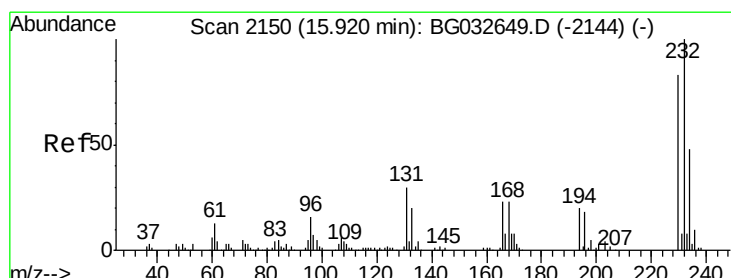
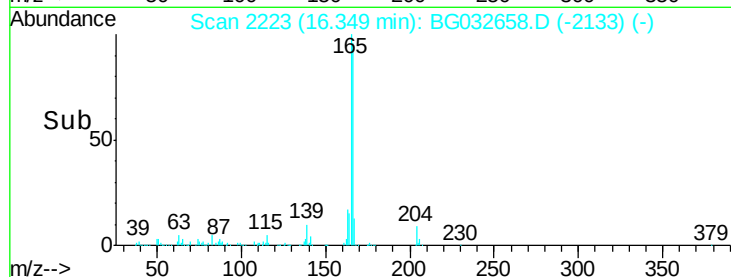
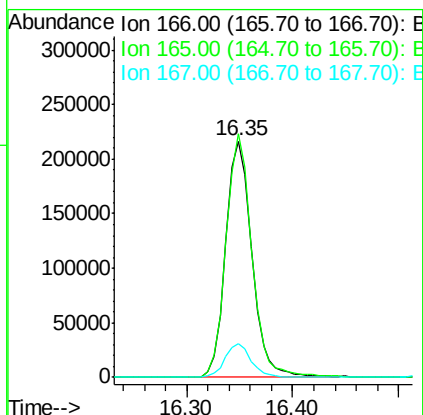
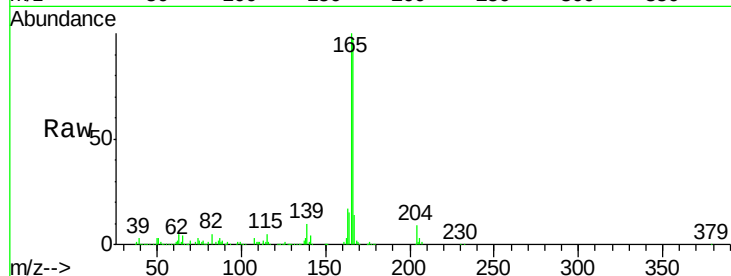




#57
 Fluorene
 Concen: 42.730 ng
 RT: 16.35 min Scan# 2223
 Delta R.T. -0.00 min
 Lab File: BG032658.D
 Acq: 13 Feb 2018 13:33

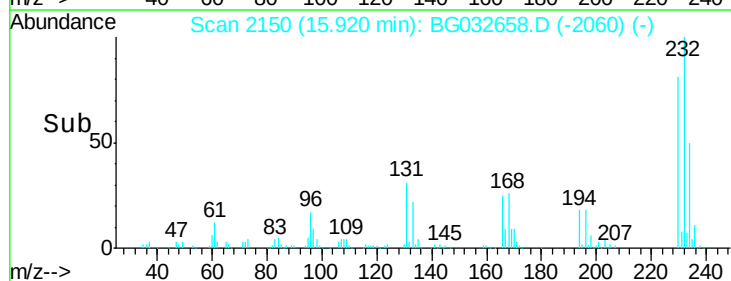
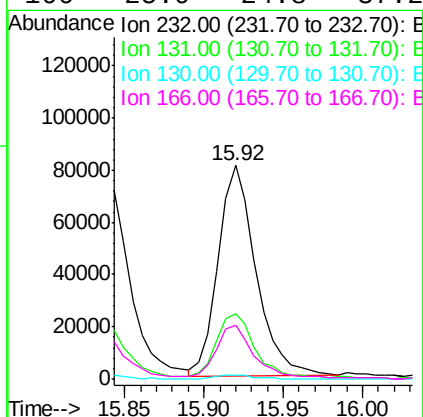
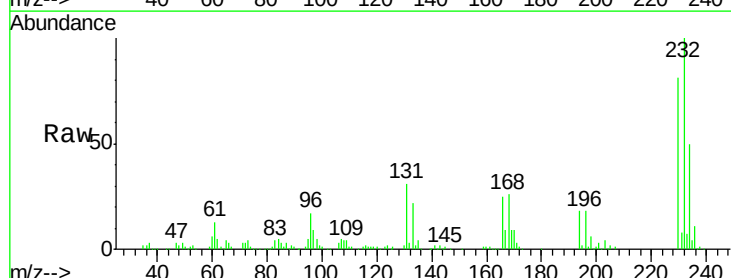
Instrument :
 BNA_G
 ClientSampleId :

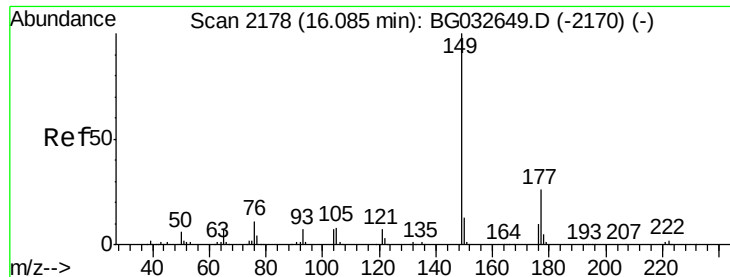
Tot Ion	166	Resp	372814
Ion Ratio	Lower	Upper	
166	100		
165	103.0	80.6	121.0
167	14.1	10.4	15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.376 ng
 RT: 15.92 min Scan# 2150
 Delta R.T. -0.00 min
 Lab File: BG032658.D
 Acq: 13 Feb 2018 13:33

Tgt Ion	232	Resp	133791
Ion Ratio	Lower	Upper	
232	100		
131	32.6	33.5	50.3#
130	2.1	2.2	3.2#
166	25.9	24.8	37.2

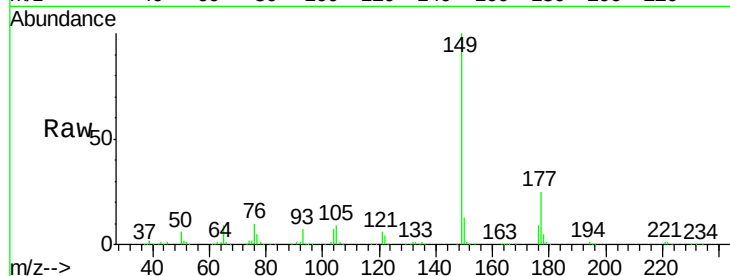




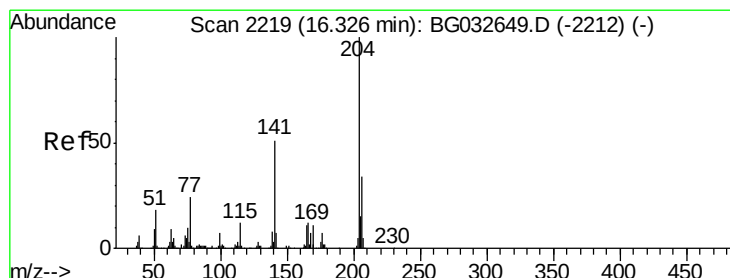
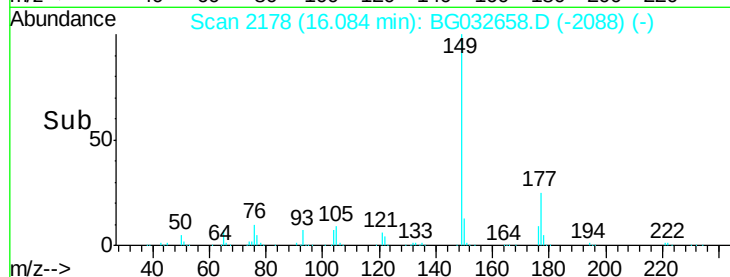
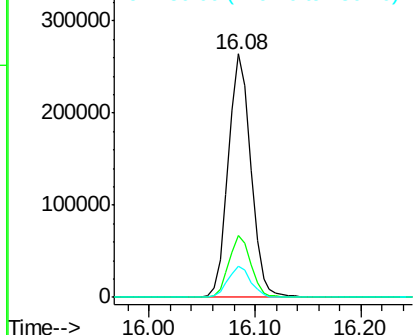
#59
Diethylphthalate
Concen: 42.558 ng
RT: 16.08 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BG032658.D
Acq: 13 Feb 2018 13:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 390184
Ion Ratio Lower Upper
149 100
177 25.4 18.5 27.7
150 13.0 10.2 15.2

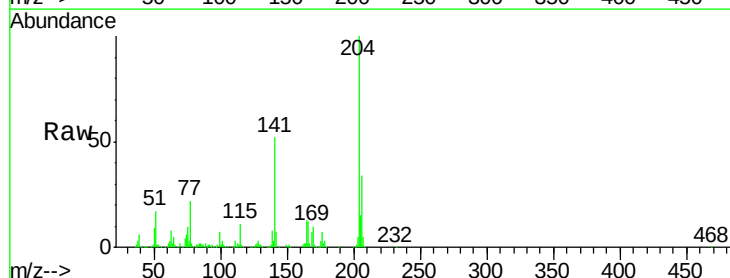


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

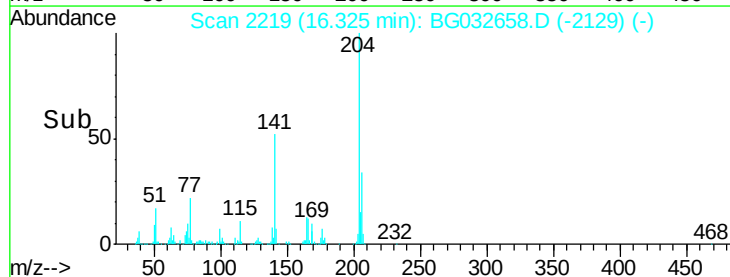
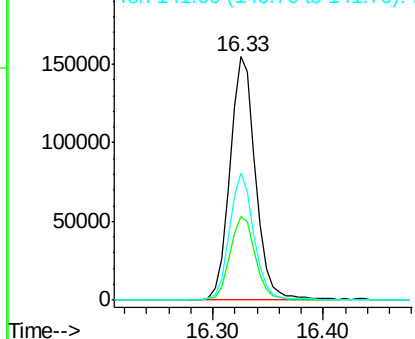


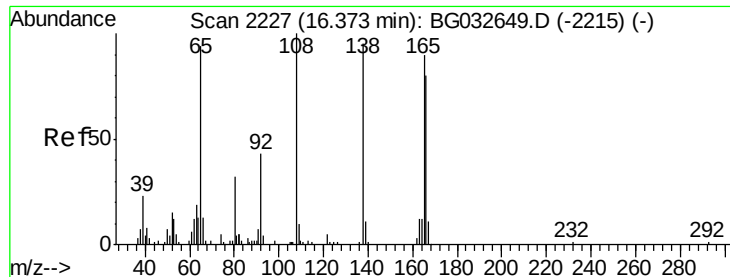
#60
4-Chlorophenyl-phenylether
Concen: 43.655 ng
RT: 16.33 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BG032658.D
Acq: 13 Feb 2018 13:33

Tgt Ion:204 Resp: 251483
Ion Ratio Lower Upper
204 100
206 34.2 26.2 39.2
141 52.0 45.8 68.6



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

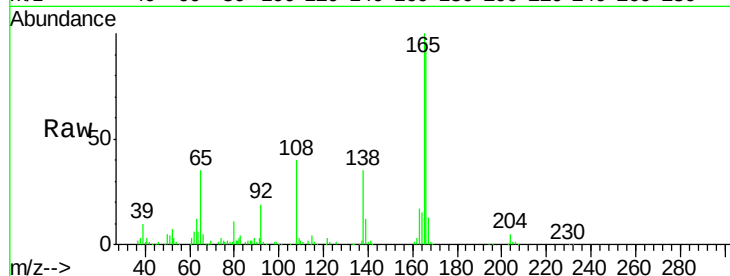




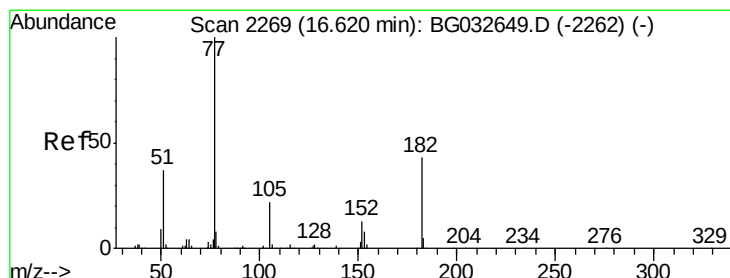
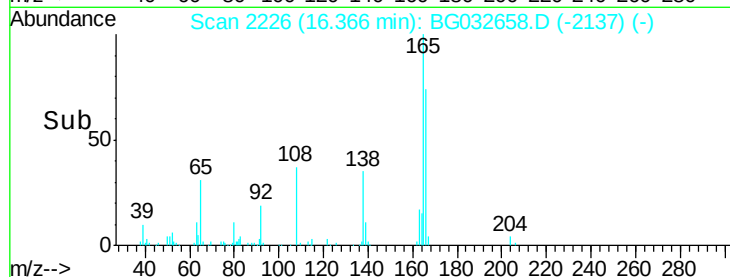
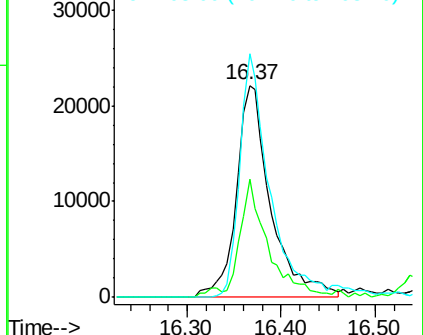
#61
4-Nitroaniline
Concen: 31.736 ng
RT: 16.37 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BG032658.D
Acq: 13 Feb 2018 13:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 56070
Ion Ratio Lower Upper
138 100
92 55.5 40.1 80.1
108 114.9 65.4 105.4#



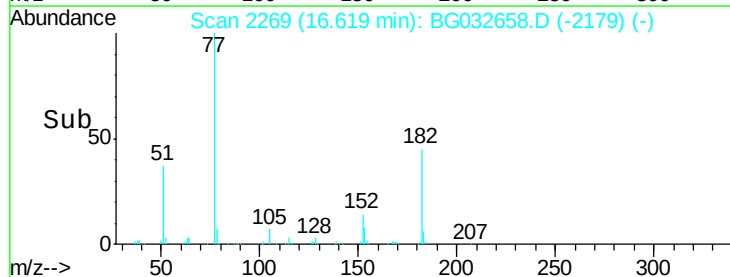
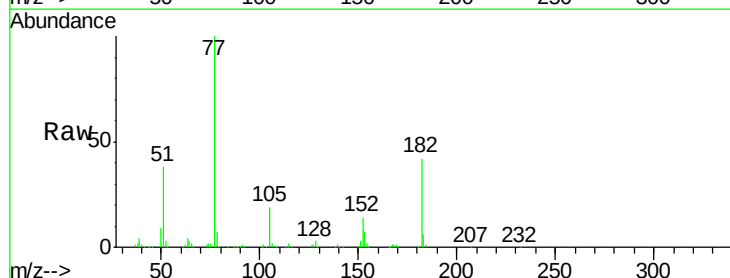
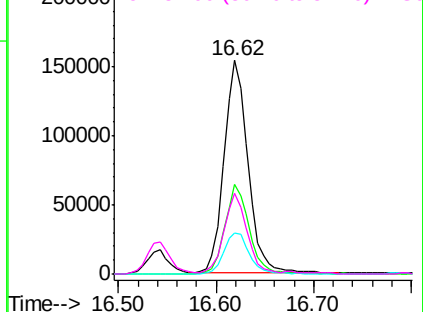
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

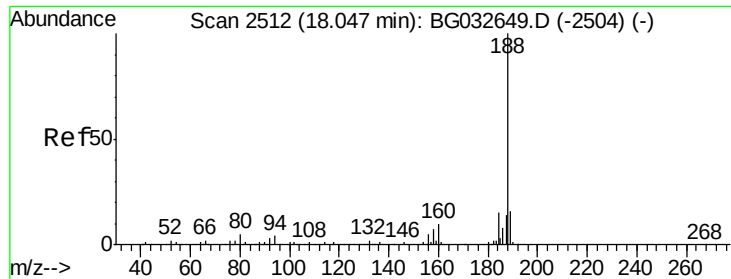


#62
Azobenzene
Concen: 44.292 ng
RT: 16.62 min Scan# 2269
Delta R.T. -0.00 min
Lab File: BG032658.D
Acq: 13 Feb 2018 13:33

Tgt Ion: 77 Resp: 260894
Ion Ratio Lower Upper
77 100
182 42.2 7.4 47.4
105 19.2 0.3 40.3
51 37.5 11.6 51.6

Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.05 min Scan# 2512

Delta R.T. -0.00 min

Lab File: BG032658.D

Acq: 13 Feb 2018 13:33

Instrument :

BNA_G

ClientSampleId :

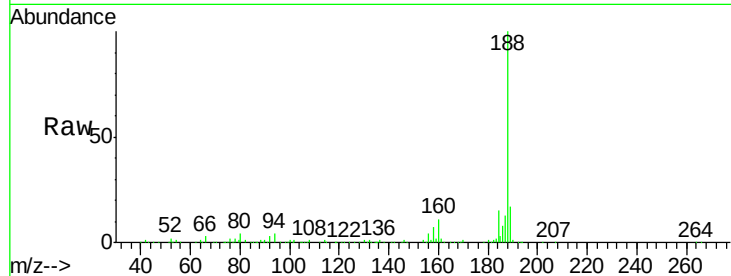
Tot Ion:188 Resp: 282285

Ion Ratio Lower Upper

188 100

94 4.2 6.9 10.3#

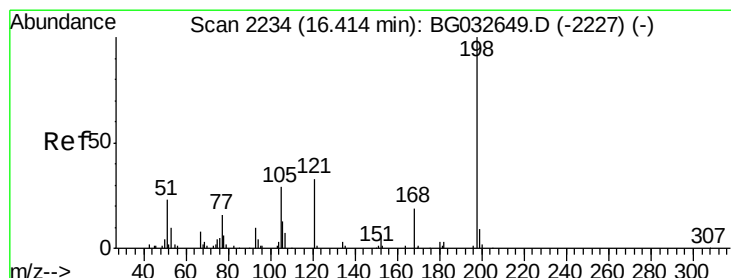
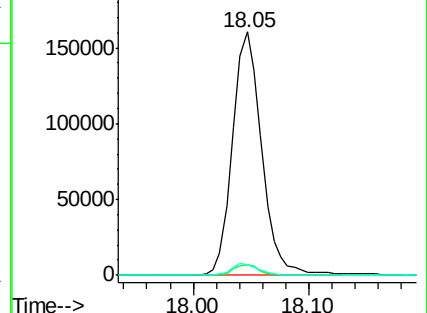
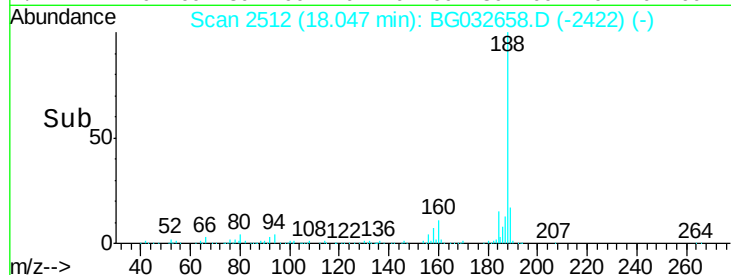
80 4.3 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 20.007 ng

RT: 16.41 min Scan# 2234

Delta R.T. 0.00 min

Lab File: BG032658.D

Acq: 13 Feb 2018 13:33

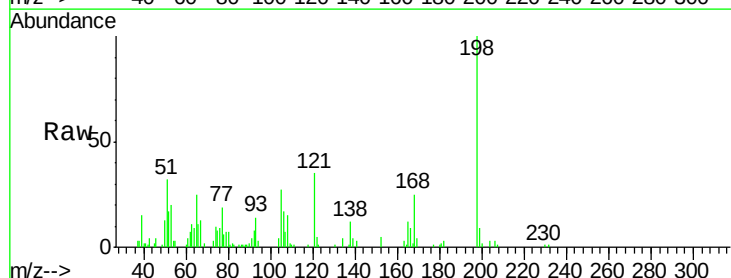
Tgt Ion:198 Resp: 34361

Ion Ratio Lower Upper

198 100

51 32.3 30.6 70.6

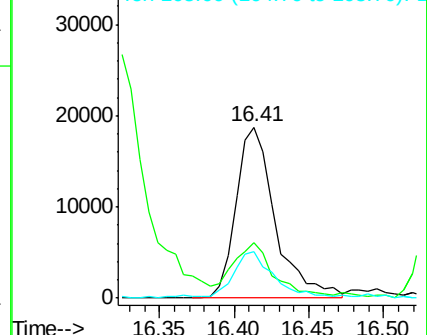
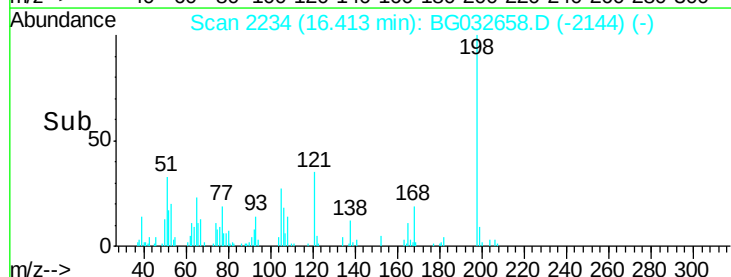
105 27.1 23.8 63.8

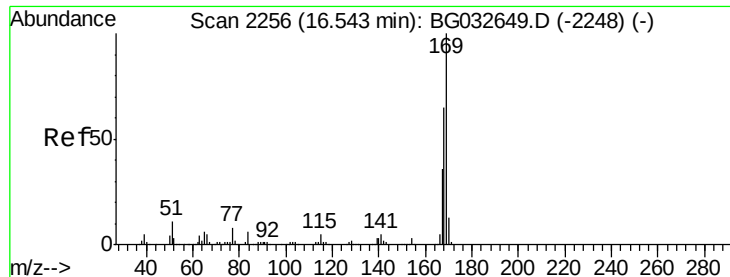


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

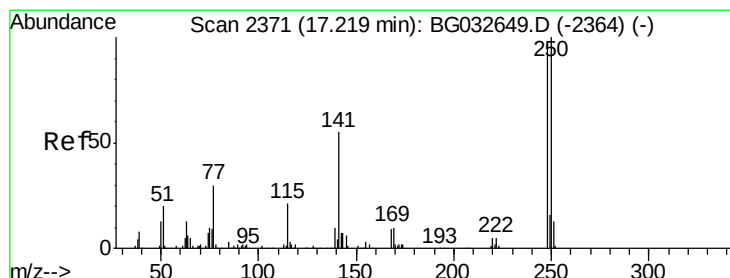
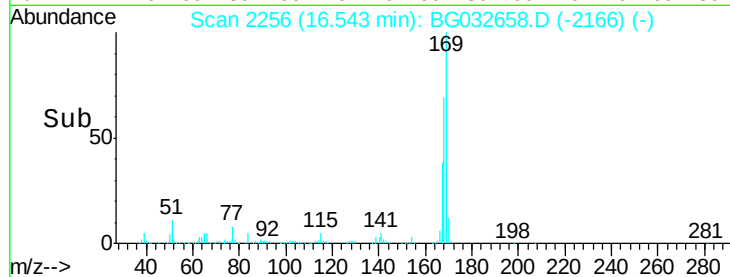
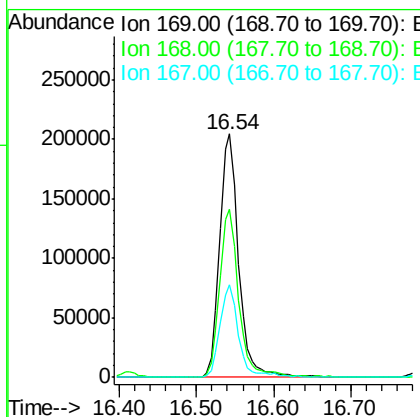
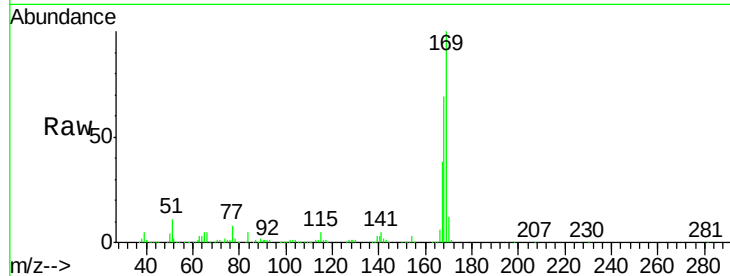




#65
 n-Nitrosodiphenylamine
 Concen: 42.365 ng
 RT: 16.54 min Scan# 2256
 Delta R.T. -0.00 min
 Lab File: BG032658.D
 Acq: 13 Feb 2018 13:33

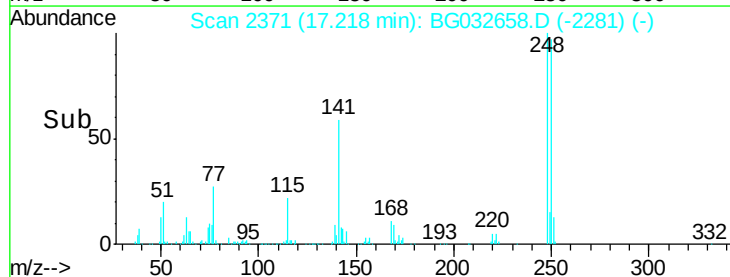
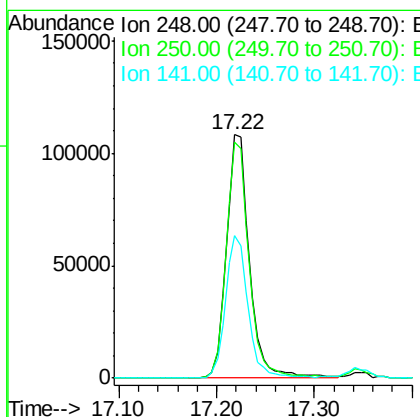
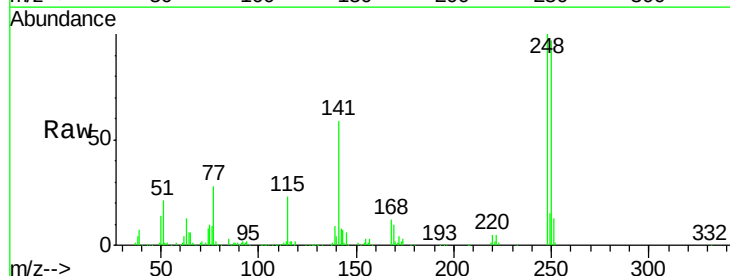
Instrument :
 BNA_G
 ClientSampleId :

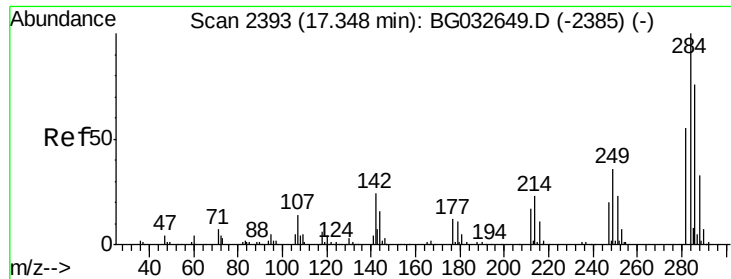
Tot Ion:169 Resp: 350733
 Ion Ratio Lower Upper
 169 100
 168 69.3 55.7 83.5
 167 37.9 30.1 45.1



#66
 4-Bromophenyl-phenylether
 Concen: 43.645 ng
 RT: 17.22 min Scan# 2371
 Delta R.T. -0.00 min
 Lab File: BG032658.D
 Acq: 13 Feb 2018 13:33

Tgt Ion:248 Resp: 176322
 Ion Ratio Lower Upper
 248 100
 250 97.0 77.1 115.7
 141 58.5 50.8 76.2

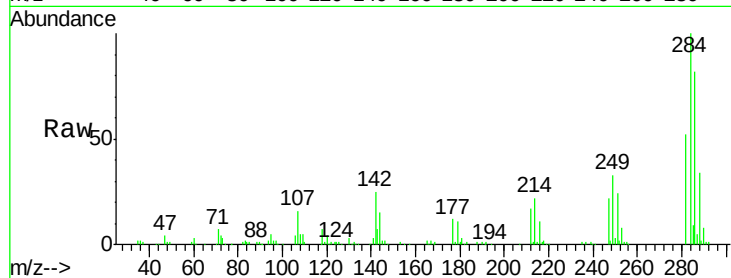




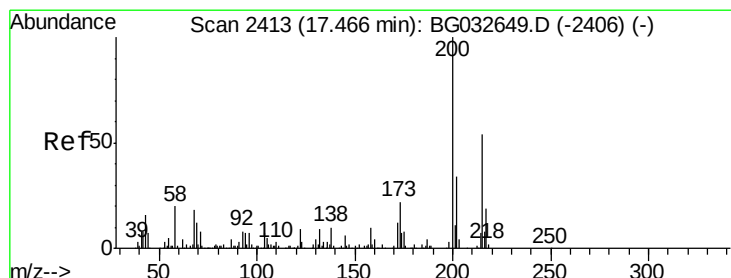
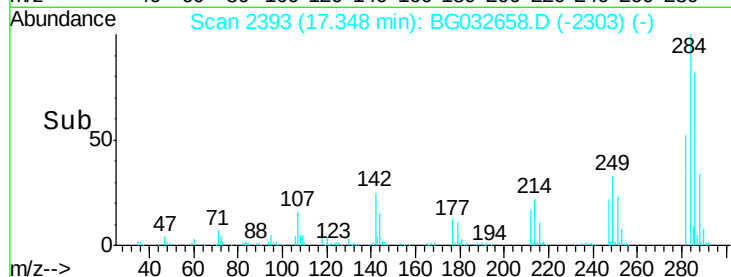
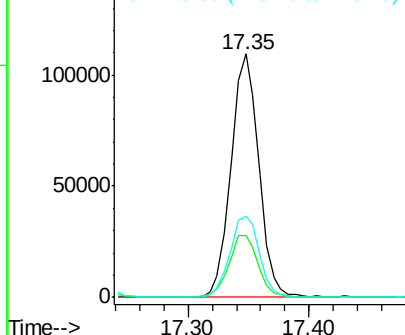
#67
Hexachlorobenzene
Concen: 40.543 ng
RT: 17.35 min Scan# 2393
Delta R.T. -0.00 min
Lab File: BG032658.D
Acq: 13 Feb 2018 13:33

Instrument :
BNA_G
ClientSampled :

Tot Ion:284 Resp: 175917
Ion Ratio Lower Upper
284 100
142 25.3 26.8 40.2#
249 33.2 26.3 39.5

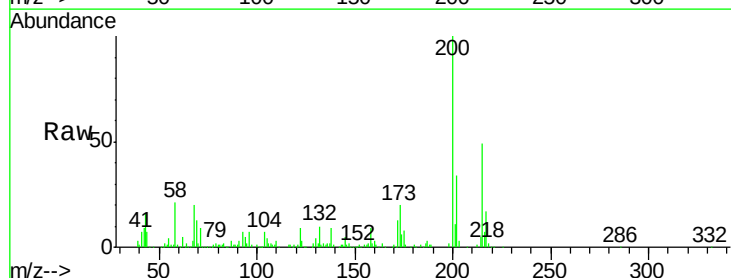


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

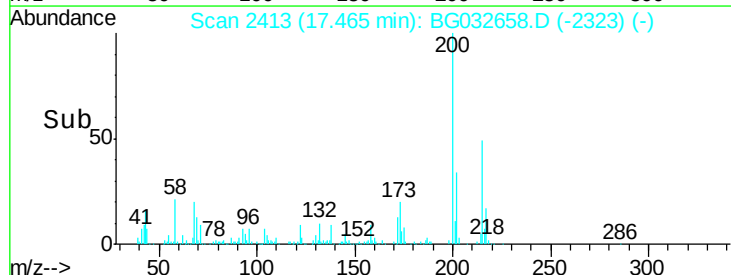
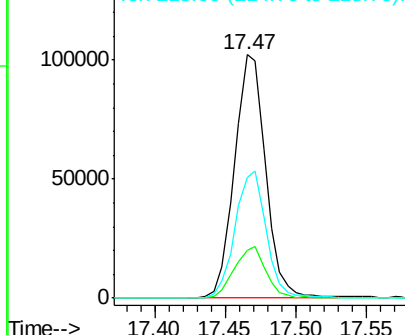


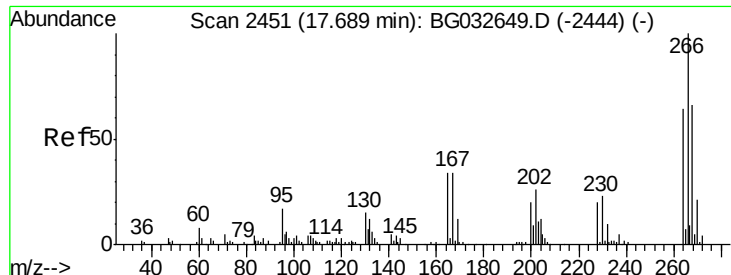
#68
Atrazine
Concen: 44.459 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG032658.D
Acq: 13 Feb 2018 13:33

Tgt Ion:200 Resp: 157873
Ion Ratio Lower Upper
200 100
173 19.6 5.2 45.2
215 49.4 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

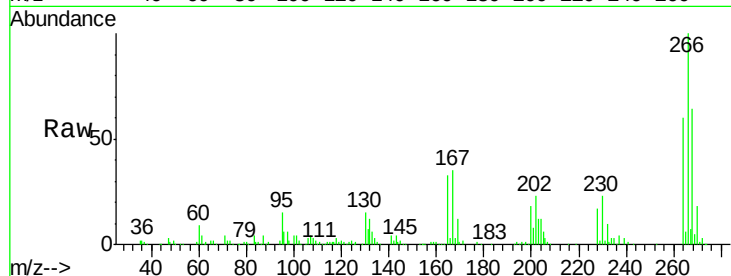




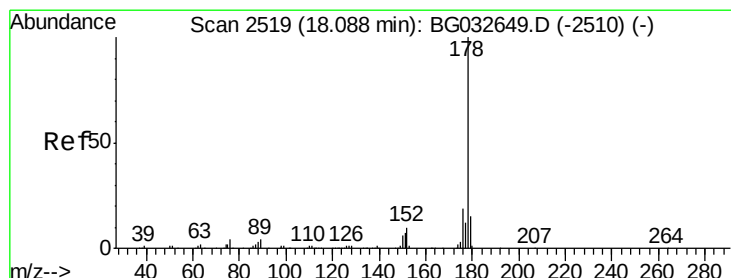
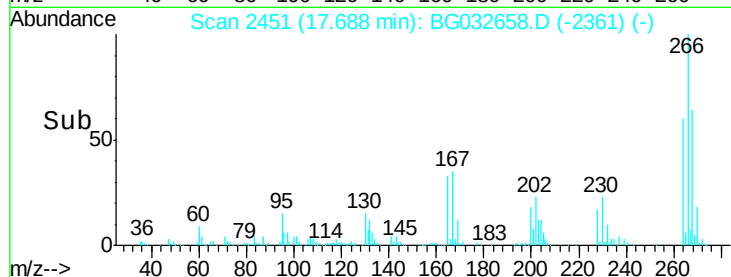
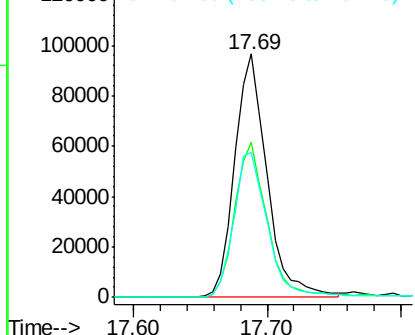
#69
 Pentachlorophenol
 Concen: 61.239 ng
 RT: 17.69 min Scan# 2451
 Delta R.T. -0.00 min
 Lab File: BG032658.D
 Acq: 13 Feb 2018 13:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:266 Resp: 162673
 Ion Ratio Lower Upper
 266 100
 268 63.6 51.1 76.7
 264 59.8 49.6 74.4

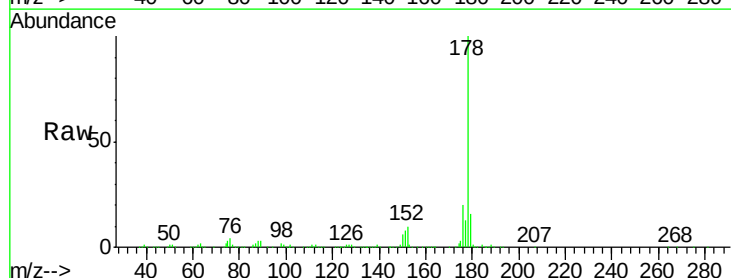


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

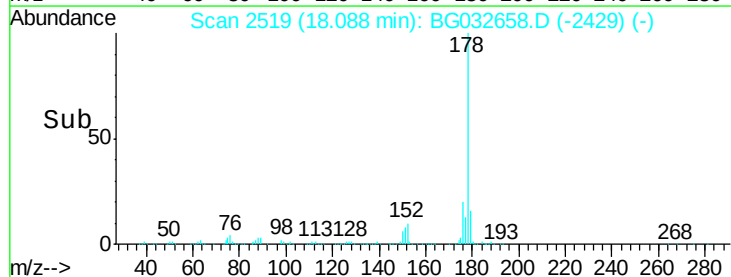
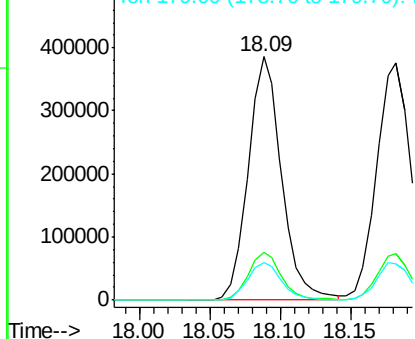


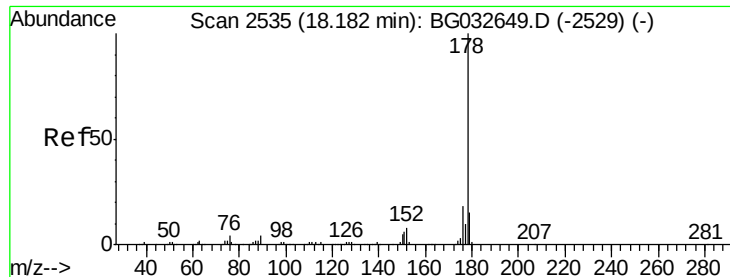
#70
 Phenanthrene
 Concen: 42.110 ng
 RT: 18.09 min Scan# 2519
 Delta R.T. -0.00 min
 Lab File: BG032658.D
 Acq: 13 Feb 2018 13:33

Tgt Ion:178 Resp: 638548
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.7 23.5
 179 15.5 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 43.324 ng

RT: 18.18 min Scan# 2535

Delta R.T. -0.00 min

Lab File: BG032658.D

Acq: 13 Feb 2018 13:33

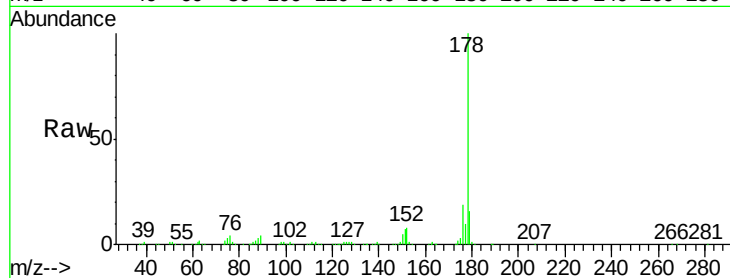
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 672197

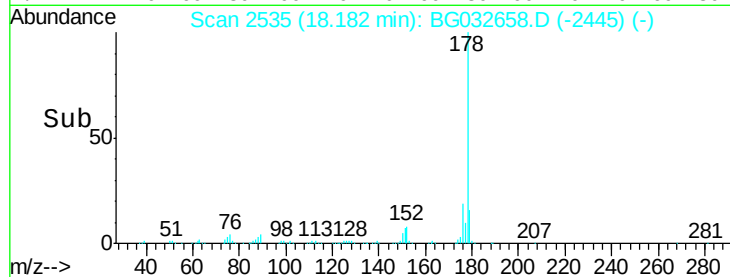
Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.0	24.0
179	15.5	12.5	18.7



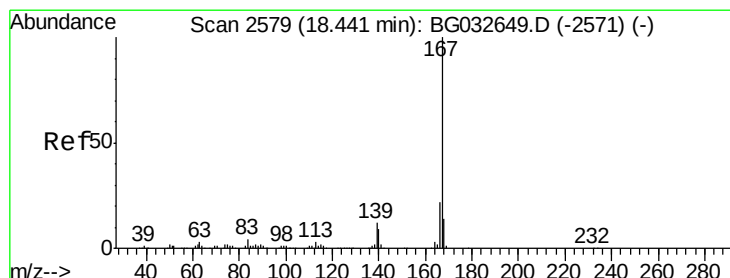
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#72

Carbazole

Concen: 42.351 ng

RT: 18.44 min Scan# 2579

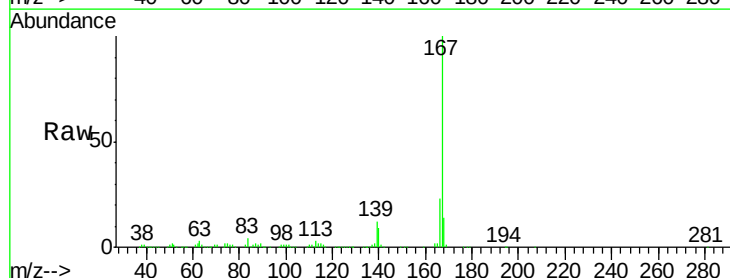
Delta R.T. -0.00 min

Lab File: BG032658.D

Acq: 13 Feb 2018 13:33

Tgt Ion:167 Resp: 560254

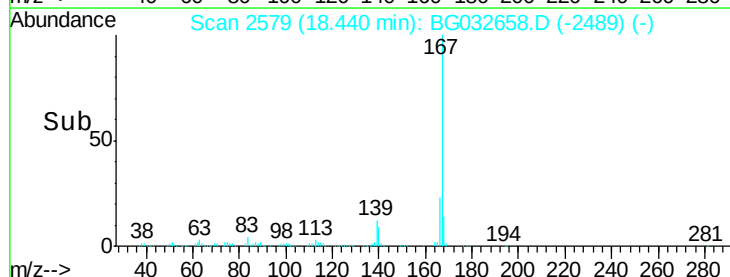
Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.2	27.4
139	11.6	9.4	14.2



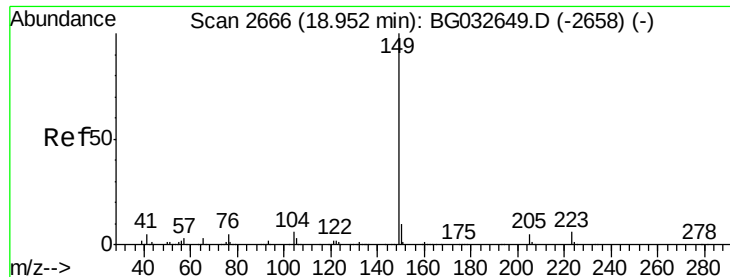
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



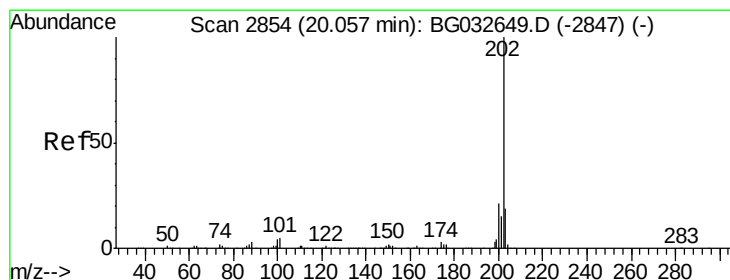
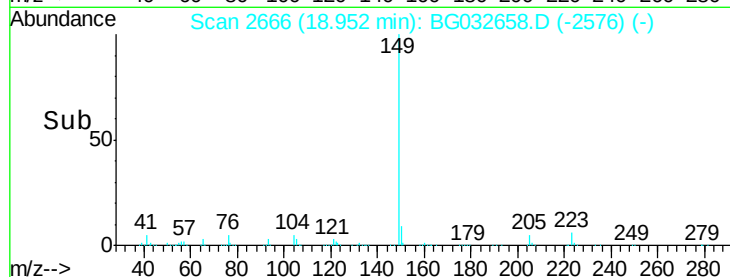
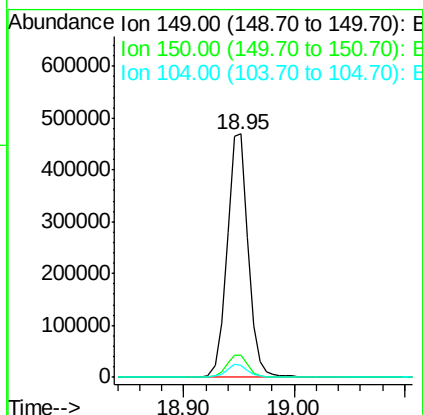
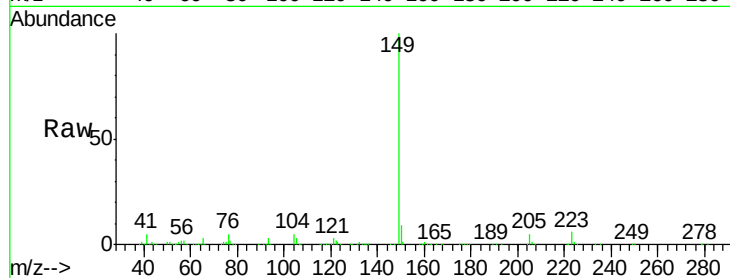
Time-->



#73
Di-n-butylphthalate
Concen: 42.149 ng
RT: 18.95 min Scan# 2666
Delta R.T. -0.00 min
Lab File: BG032658.D
Acq: 13 Feb 2018 13:33

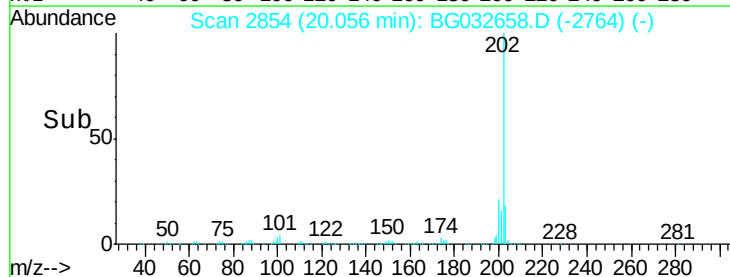
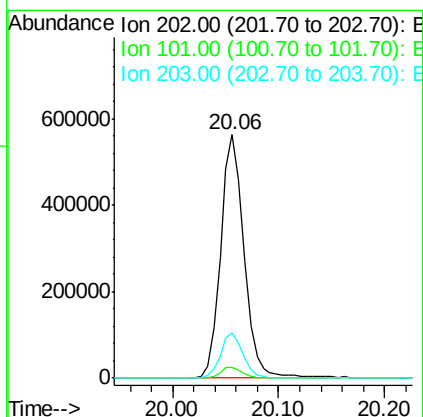
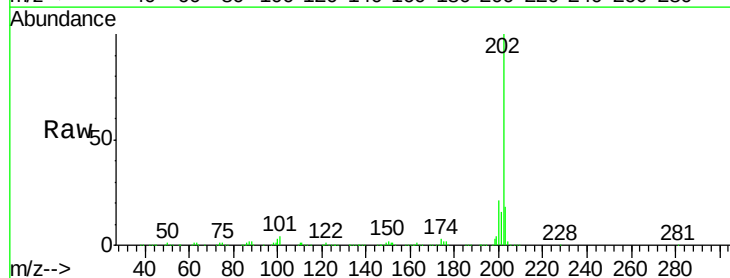
Instrument :
BNA_G
ClientSampleId :

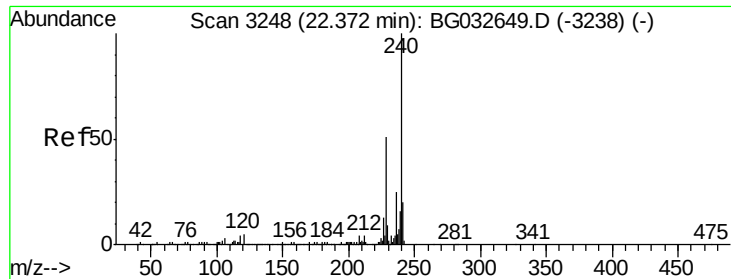
Tot Ion:149 Resp: 627812
Ion Ratio Lower Upper
149 100
150 8.9 7.8 11.6
104 4.9 3.9 5.9



#74
Fluoranthene
Concen: 42.706 ng
RT: 20.06 min Scan# 2854
Delta R.T. -0.00 min
Lab File: BG032658.D
Acq: 13 Feb 2018 13:33

Tgt Ion:202 Resp: 864538
Ion Ratio Lower Upper
202 100
101 4.3 0.0 28.9
203 18.5 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.37 min Scan# 3248

Delta R.T. -0.00 min

Lab File: BG032658.D

Acq: 13 Feb 2018 13:33

Instrument :

BNA_G

ClientSampleId :

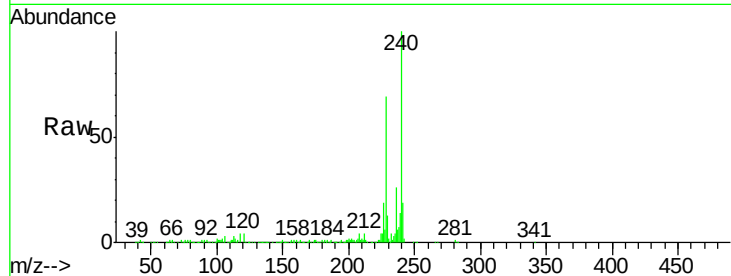
Tot Ion:240 Resp: 355625

Ion Ratio Lower Upper

240 100

120 4.3 6.8 10.2#

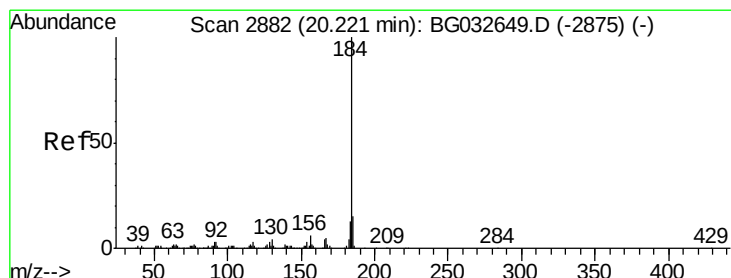
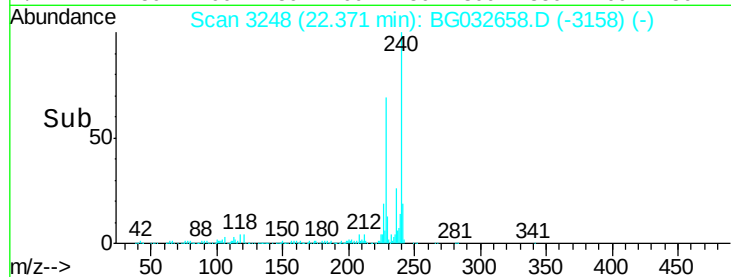
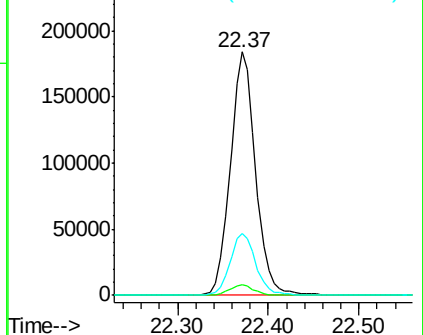
236 25.7 20.9 31.3



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: 4.189 ng

RT: 20.23 min Scan# 2883

Delta R.T. 0.01 min

Lab File: BG032658.D

Acq: 13 Feb 2018 13:33

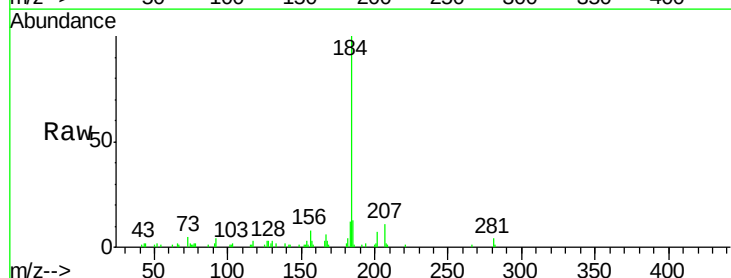
Tgt Ion:184 Resp: 35079

Ion Ratio Lower Upper

184 100

185 13.1 11.1 16.7

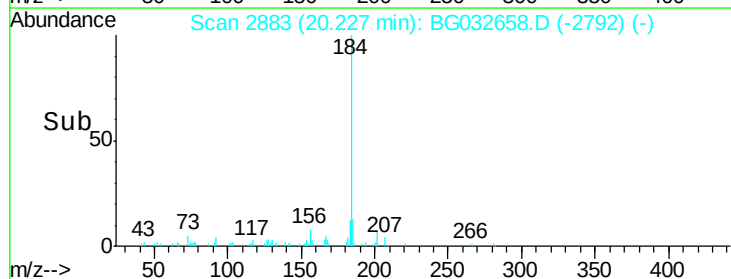
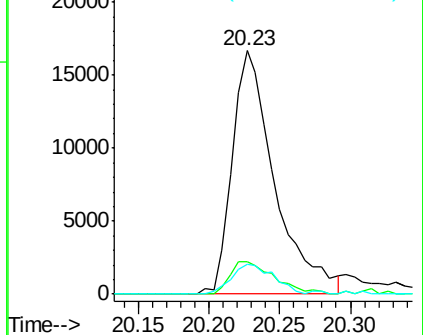
183 12.5 10.6 16.0

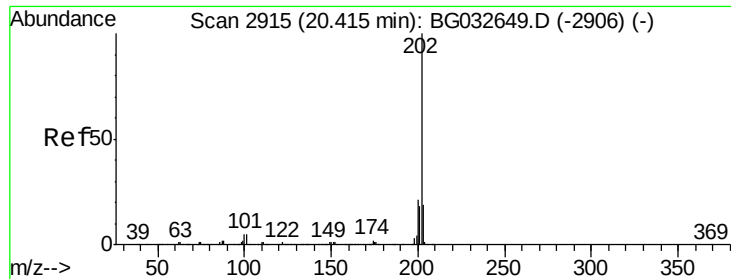


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

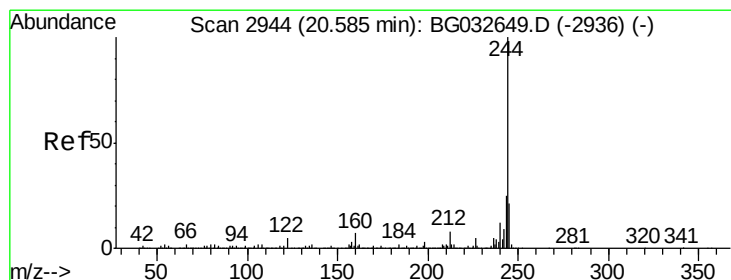
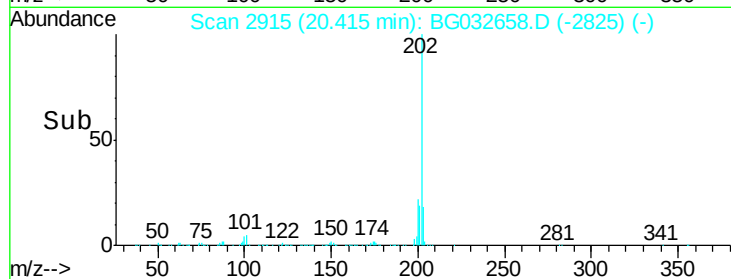
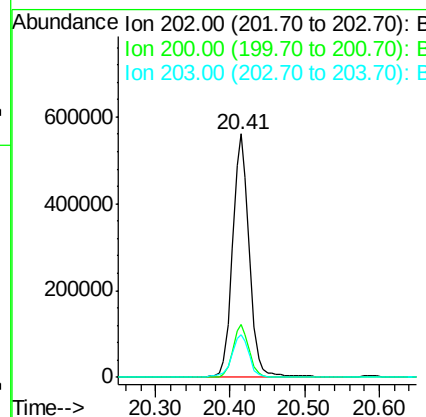
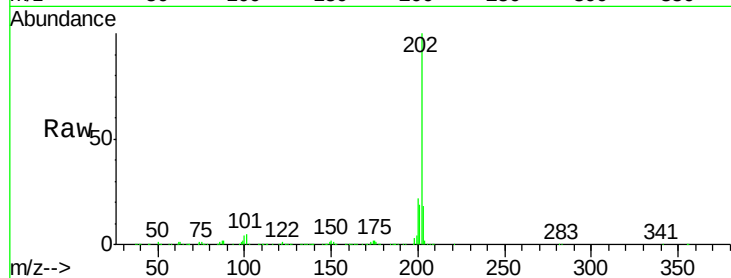




#77
 Pvrene
 Concen: 41.411 ng
 RT: 20.41 min Scan# 2915
 Delta R.T. -0.00 min
 Lab File: BG032658.D
 Acq: 13 Feb 2018 13:33

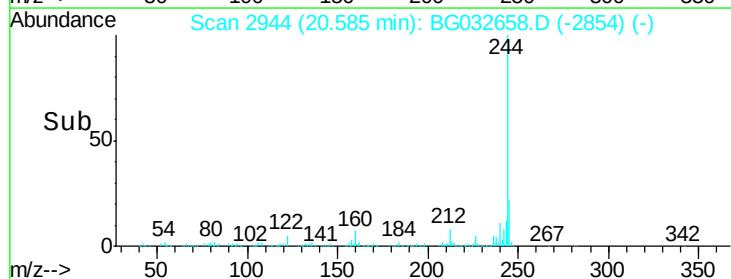
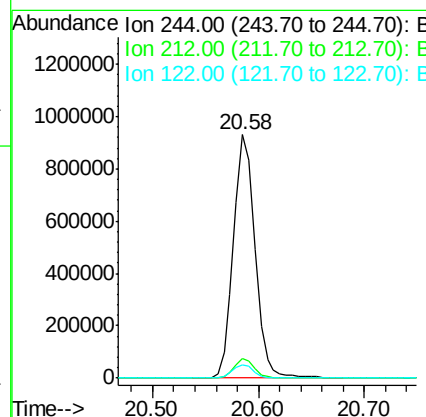
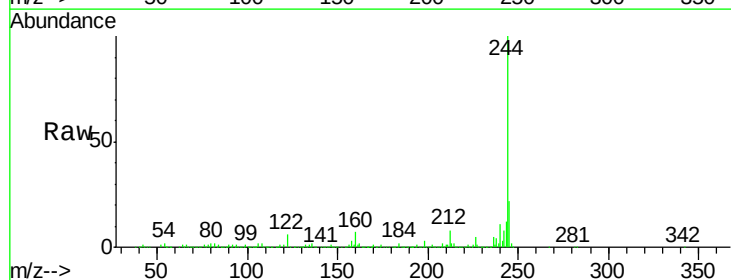
Instrument :
 BNA_G
 ClientSampleId :

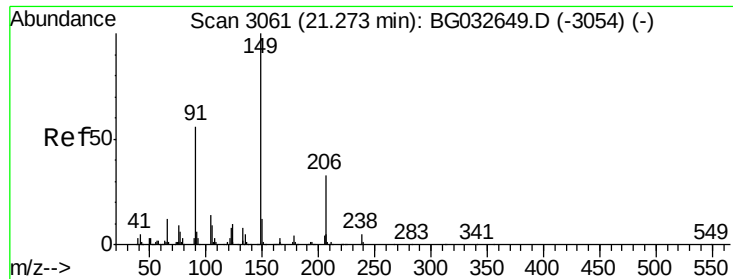
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.9	25.3
203	17.6	13.9	20.9



#78
 Terphenyl-d14
 Concen: 84.559 ng
 RT: 20.58 min Scan# 2944
 Delta R.T. -0.00 min
 Lab File: BG032658.D
 Acq: 13 Feb 2018 13:33

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.8
122	5.5	7.0	10.4#

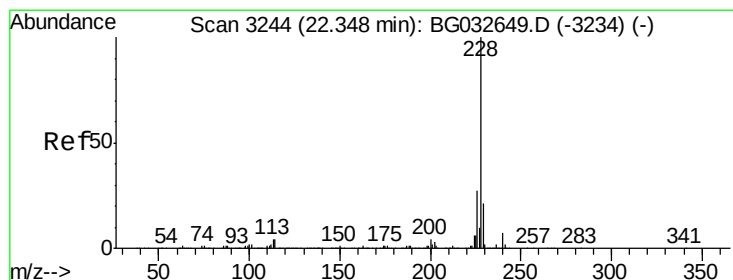
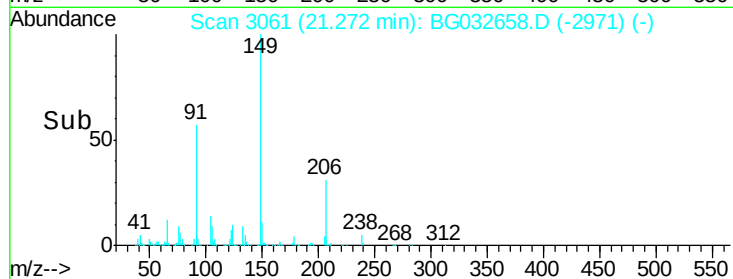
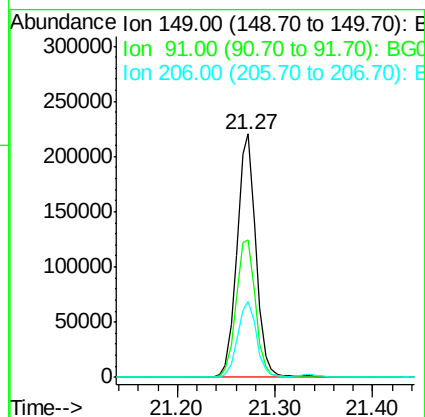
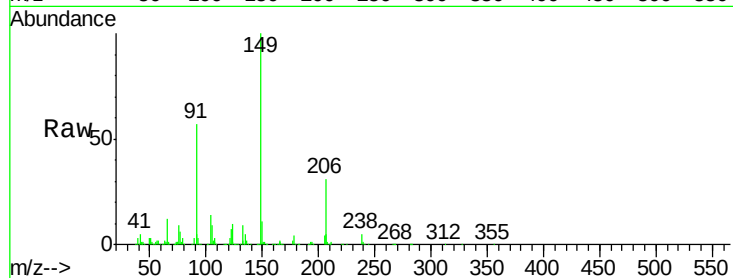




#79
Butylbenzylphthalate
Concen: 42.342 ng
RT: 21.27 min Scan# 3061
Delta R.T. -0.00 min
Lab File: BG032658.D
Acq: 13 Feb 2018 13:33

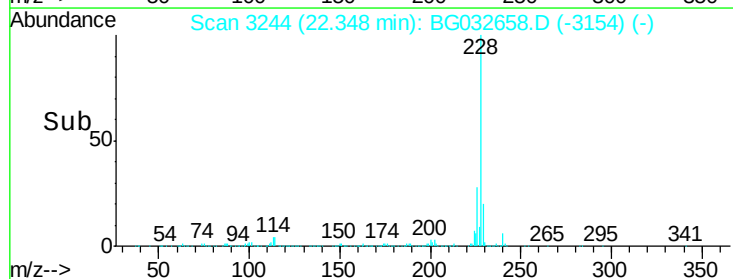
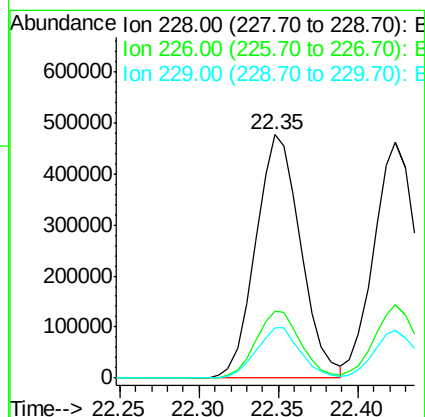
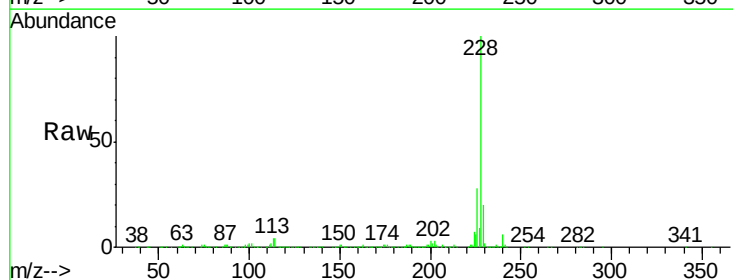
Instrument :
BNA_G
ClientSampled :

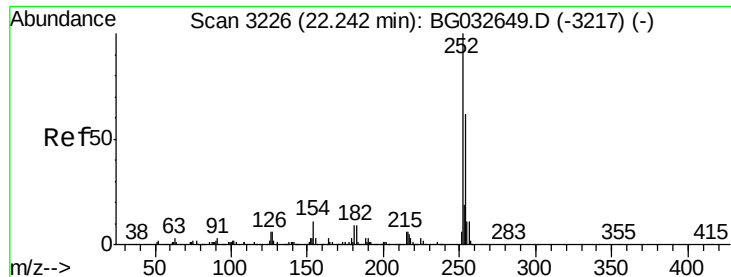
Tot Ion:149 Resp: 295106
Ion Ratio Lower Upper
149 100
91 56.5 62.2 93.2#
206 31.4 18.6 27.8#



#80
Benzo(a)anthracene
Concen: 42.140 ng
RT: 22.35 min Scan# 3244
Delta R.T. -0.00 min
Lab File: BG032658.D
Acq: 13 Feb 2018 13:33

Tgt Ion:228 Resp: 938289
Ion Ratio Lower Upper
228 100
226 27.6 22.7 34.1
229 20.4 16.2 24.2

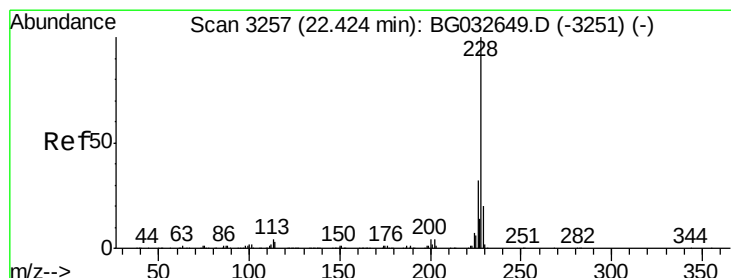
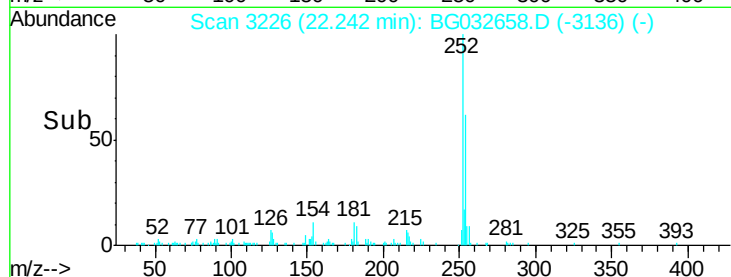
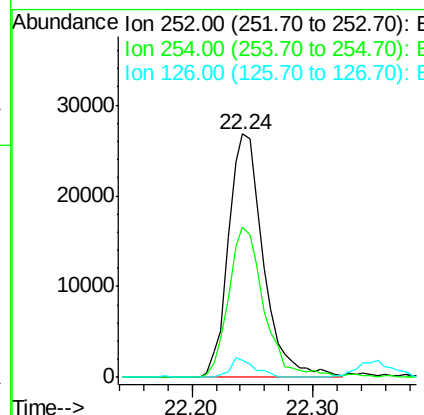
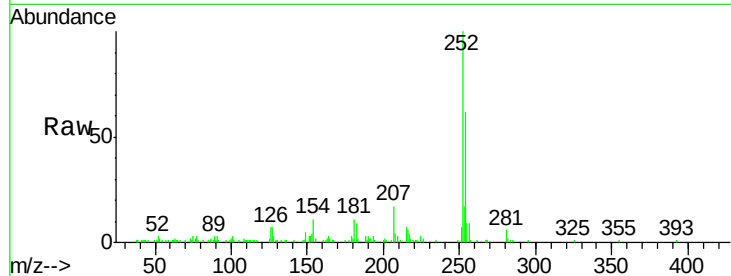




#81
 3,3'-Dichlorobenzidine
 Concen: 6.480 ng
 RT: 22.24 min Scan# 3226
 Delta R.T. -0.00 min
 Lab File: BG032658.D
 Acq: 13 Feb 2018 13:33

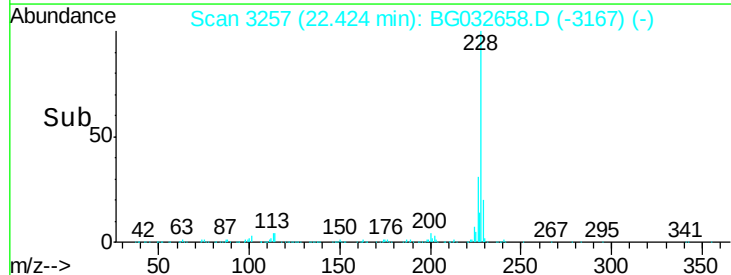
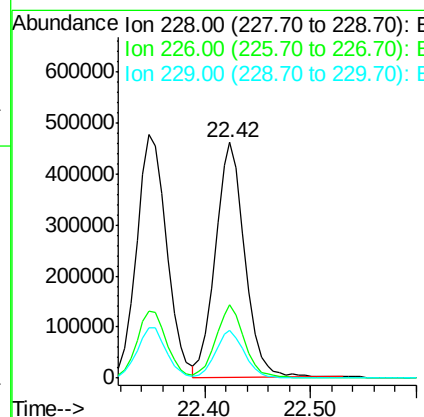
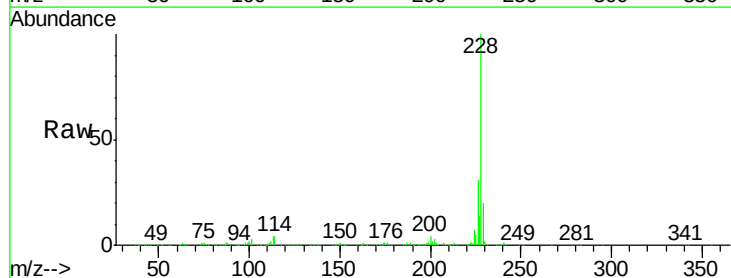
Instrument :
 BNA_G
 ClientSampleId :

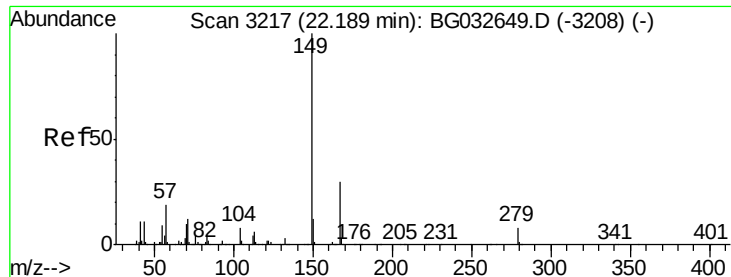
Tot Ion:252 Resp: 53884
 Ion Ratio Lower Upper
 252 100
 254 61.7 50.8 76.2
 126 6.8 7.4 11.2#



#82
 Chrysene
 Concen: 40.559 ng
 RT: 22.42 min Scan# 3257
 Delta R.T. -0.00 min
 Lab File: BG032658.D
 Acq: 13 Feb 2018 13:33

Tgt Ion:228 Resp: 890480
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.9 37.3
 229 20.4 15.0 22.4

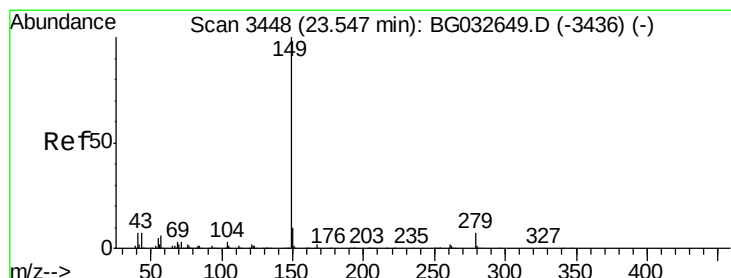
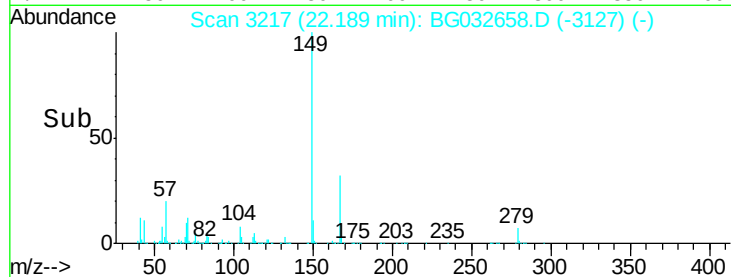
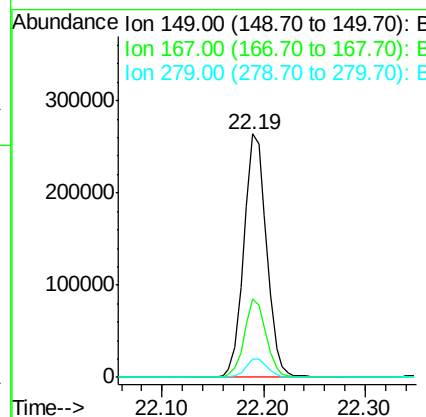
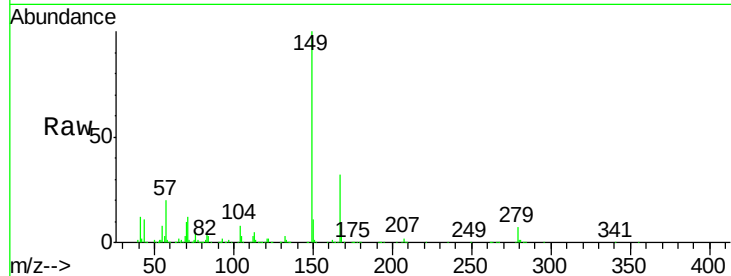




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.776 ng
 RT: 22.19 min Scan# 3217
 Delta R.T. -0.00 min
 Lab File: BG032658.D
 Acq: 13 Feb 2018 13:33

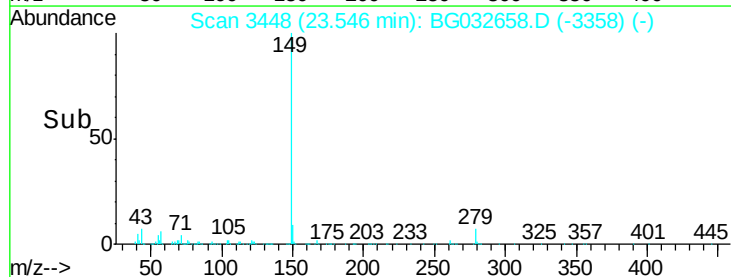
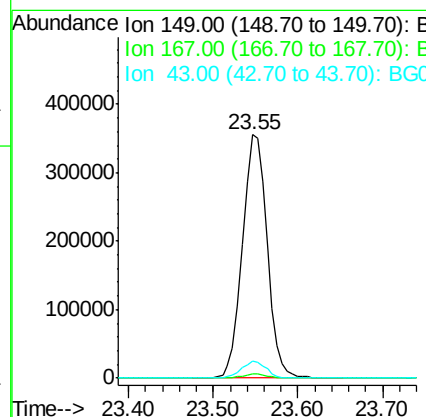
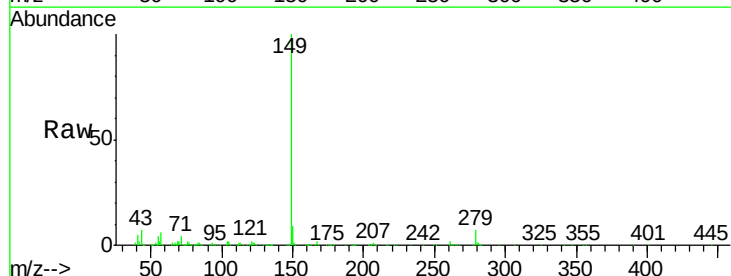
Instrument :
 BNA_G
 ClientSampleId :

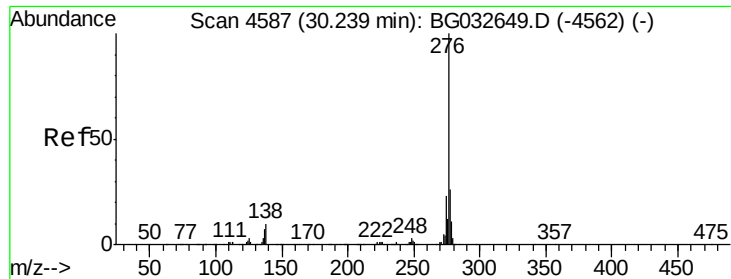
Tot Ion	149	Resp	409815
Ion Ratio	Lower	Upper	
149	100		
167	32.0	24.3	36.5
279	7.4	4.0	6.0



#84
 Di-n-octyl phthalate
 Concen: 45.547 ng
 RT: 23.55 min Scan# 3448
 Delta R.T. -0.00 min
 Lab File: BG032658.D
 Acq: 13 Feb 2018 13:33

Tgt Ion	149	Resp	718197
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	7.0	8.9	13.3





#85

Indeno(1,2,3-cd)pyrene

Concen: 43.219 ng

RT: 30.24 min Scan# 4587

Delta R.T. -0.00 min

Lab File: BG032658.D

Acq: 13 Feb 2018 13:33

Instrument :

BNA_G

ClientSampleId :

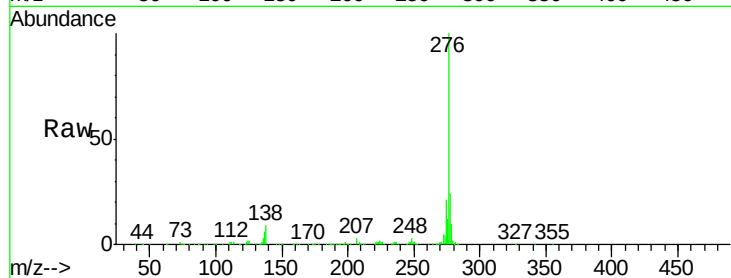
Tot Ion:276 Resp: 1124074

Ion Ratio Lower Upper

276 100

138 4.4 16.0 24.0#

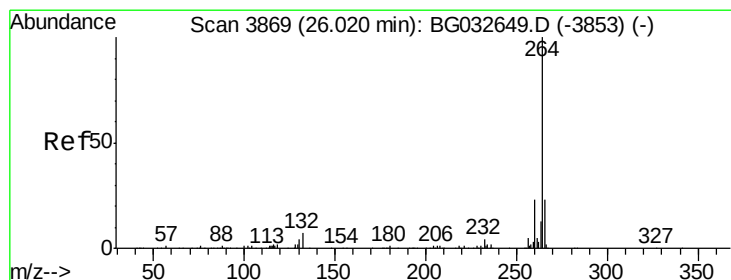
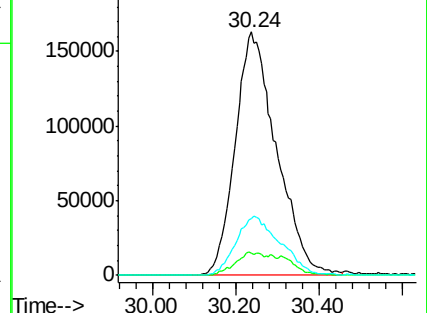
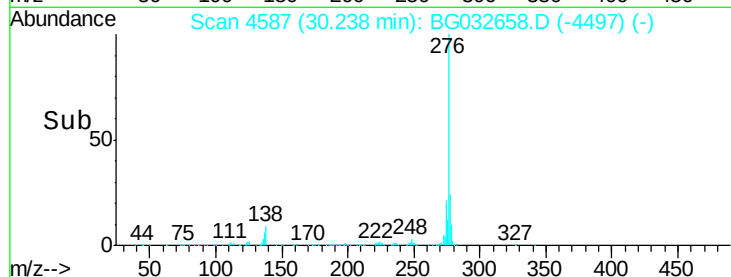
277 26.0 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.02 min Scan# 3869

Delta R.T. -0.00 min

Lab File: BG032658.D

Acq: 13 Feb 2018 13:33

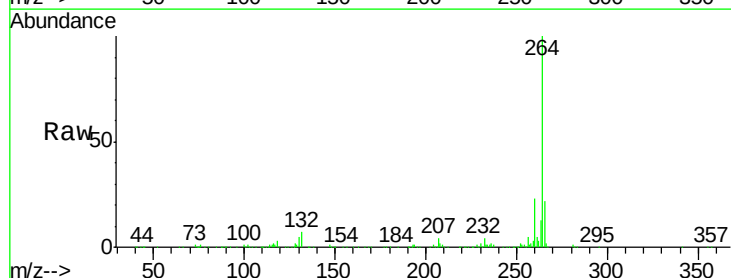
Tgt Ion:264 Resp: 371679

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

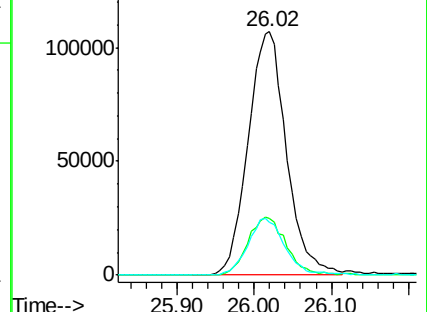
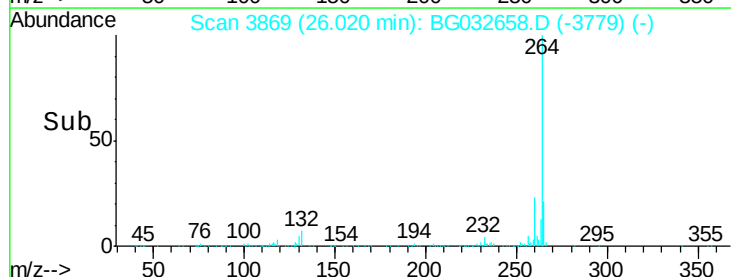
265 21.8 17.7 26.5

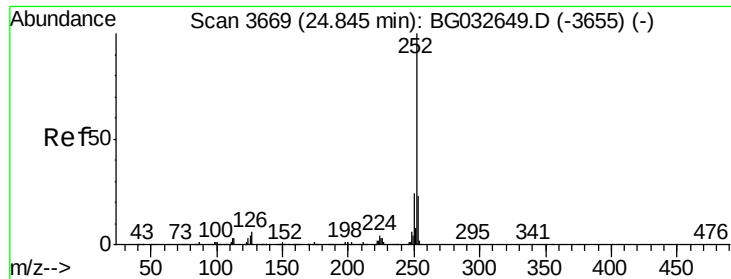


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

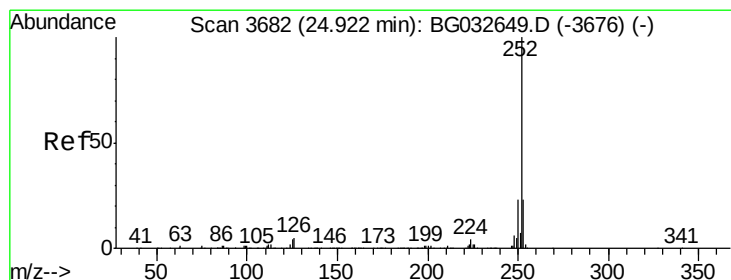
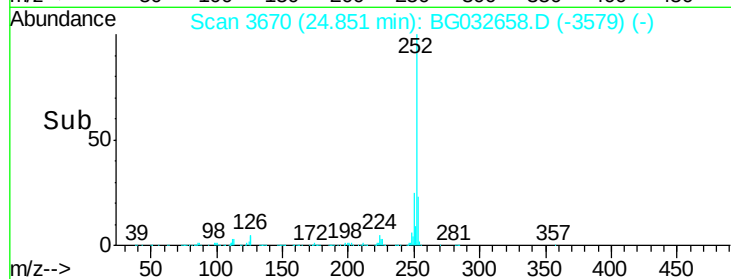
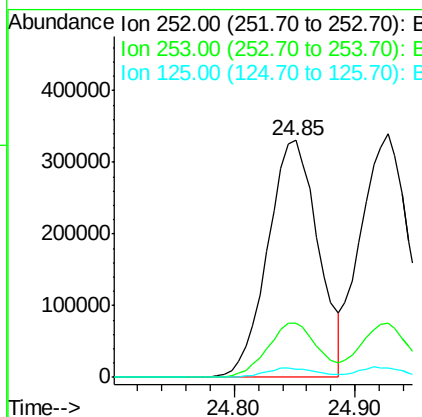
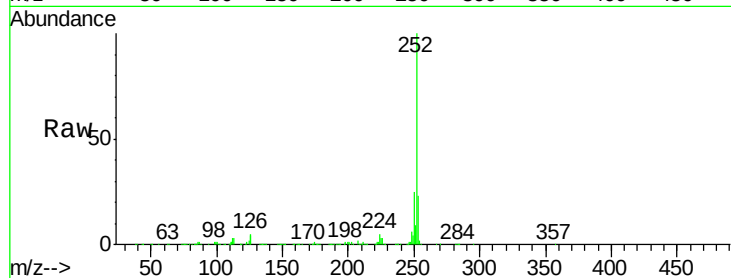




#87
Benzo(b)fluoranthene
Concen: 43.236 ng
RT: 24.85 min Scan# 3670
Delta R.T. 0.01 min
Lab File: BG032658.D
Acq: 13 Feb 2018 13:33

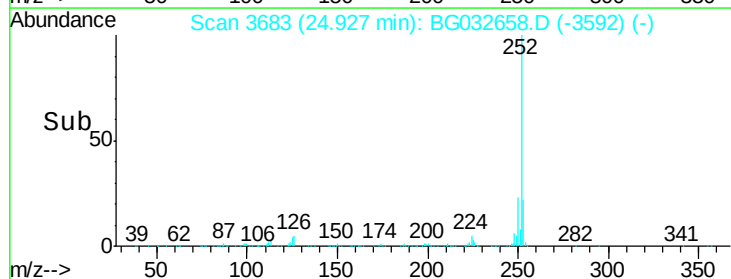
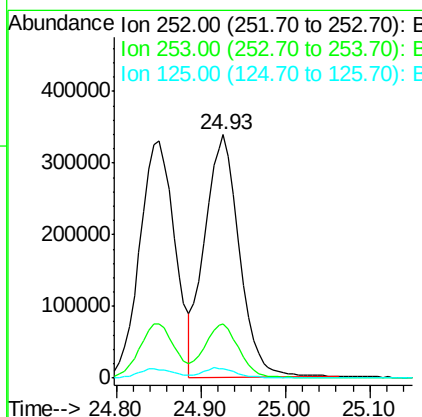
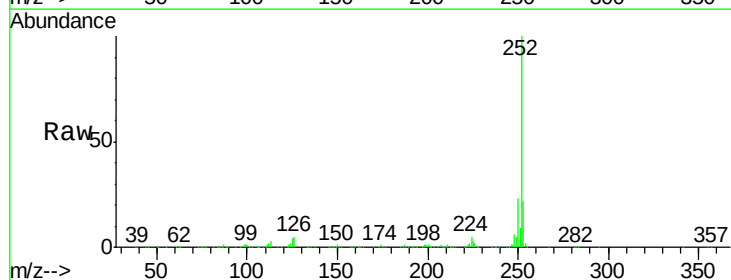
Instrument :
BNA_G
ClientSampleId :

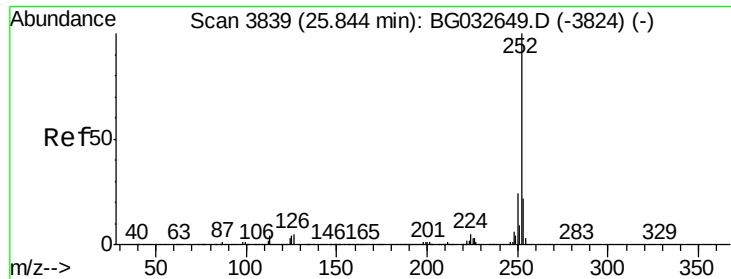
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.4
125	3.6	7.2	10.8



#88
Benzo(k)fluoranthene
Concen: 42.308 ng
RT: 24.93 min Scan# 3683
Delta R.T. 0.01 min
Lab File: BG032658.D
Acq: 13 Feb 2018 13:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.2
125	3.9	6.6	9.8





#89

Benzo(a)pyrene

Concen: 44.209 ng

RT: 25.84 min Scan# 3839

Delta R.T. -0.00 min

Lab File: BG032658.D

Acq: 13 Feb 2018 13:33

Instrument :

BNA_G

ClientSampleId :

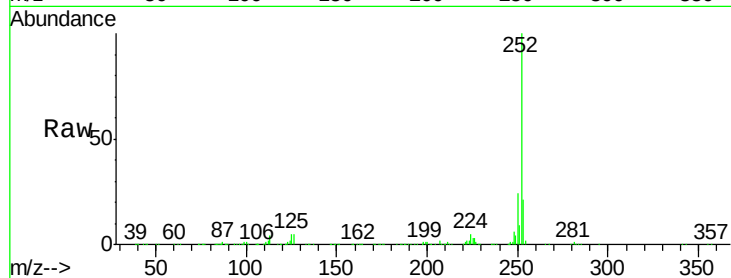
Tot Ion:252 Resp: 953990

Ion Ratio Lower Upper

252 100

253 21.5 18.3 27.5

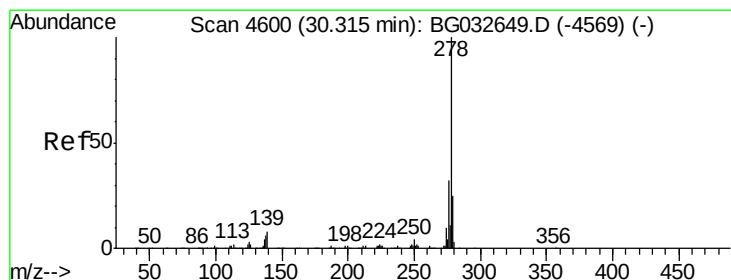
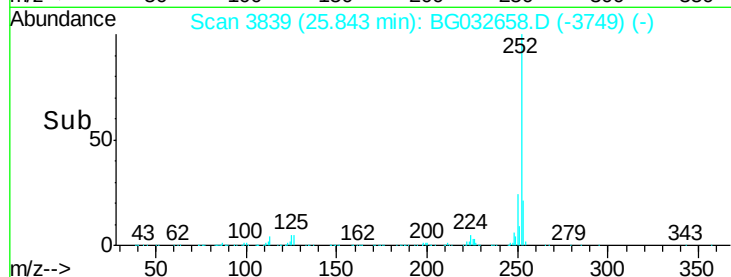
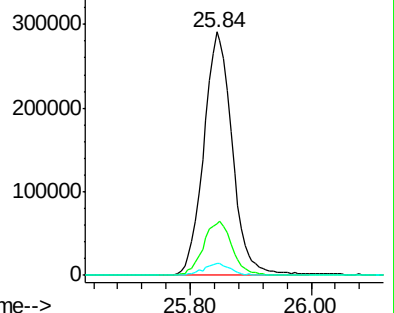
125 4.7 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 43.892 ng

RT: 30.31 min Scan# 4600

Delta R.T. -0.00 min

Lab File: BG032658.D

Acq: 13 Feb 2018 13:33

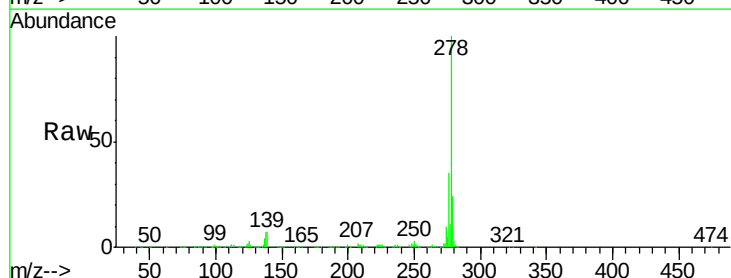
Tgt Ion:278 Resp: 942929

Ion Ratio Lower Upper

278 100

139 6.6 9.8 14.6#

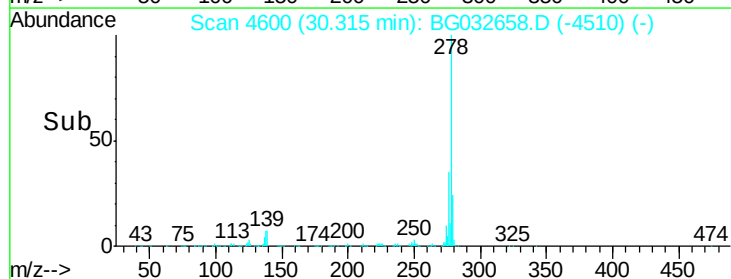
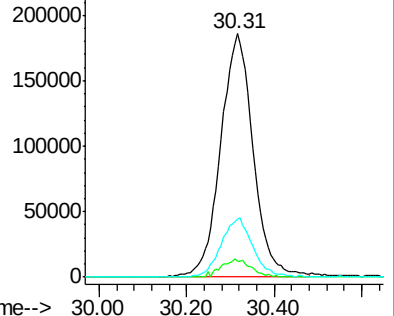
279 23.9 18.4 27.6

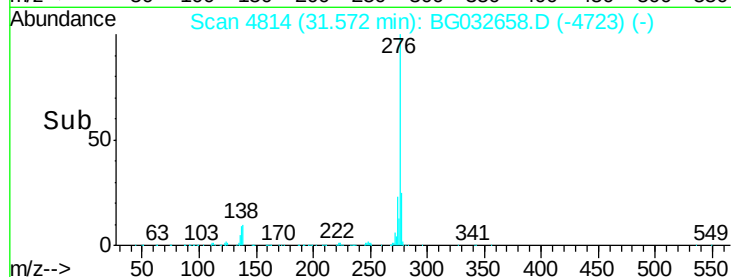
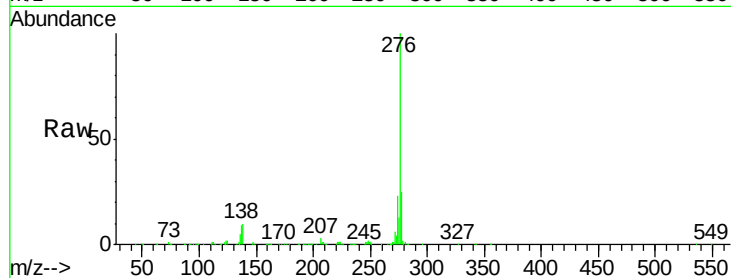
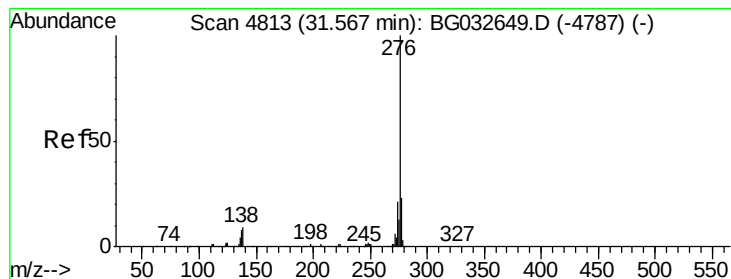


Abundance Ion 278.00 (277.70 to 278.70): E

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: 44.596 ng

RT: 31.57 min Scan# 4814

Delta R.T. 0.01 min

Lab File: BG032658.D

Acq: 13 Feb 2018 13:33

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 926115

Ion Ratio Lower Upper

276 100

277 24.8 18.3 27.5

138 9.9 13.9 20.9#

