

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030118\
 Data File : BG032937.D
 Acq On : 2 Mar 2018 4:55
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 02 10:55:11 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 01 17:38:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	59868	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	290364	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	167364	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	360979	20.00	ng	0.00
75) Chrysene-d12	22.62	240	326211	20.00	ng	0.00
86) Perylene-d12	26.43	264	349272	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.33	112	307870	82.27	ng	0.00
7) Phenol-d6	8.01	99	427249	81.91	ng	0.00
23) Nitrobenzene-d5	10.12	82	376810	89.47	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	139355	79.19	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	852029	73.42	ng	0.00
78) Terphenyl-d14	20.78	244	1051737	72.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.97	88	67046	41.283	ng	90
3) Pyridine	4.44	79	189112	42.248	ng	99
4) n-Nitrosodimethylamine	4.34	42	78903	43.966	ng	# 92
6) Aniline	8.21	93	272436	38.587	ng	98
8) 2-Chlorophenol	8.46	128	167110	40.799	ng	93
9) Benzaldehyde	8.02	77	106939	35.573	ng	97
10) Phenol	8.04	94	214499	40.795	ng	94
11) bis(2-Chloroethyl)ether	8.30	93	166829	38.802	ng	97
12) 1,3-Dichlorobenzene	8.81	146	184722	38.505	ng	98
13) 1,4-Dichlorobenzene	8.96	146	186280	38.575	ng	97
14) 1,2-Dichlorobenzene	9.29	146	177866	38.437	ng	96
15) Benzyl Alcohol	9.15	79	153174	39.946	ng	91
16) 2,2'-oxybis(1-Chloropropan	9.45	45	299243	40.487	ng	99
17) 2-Methylphenol	9.35	107	152804	39.411	ng	94
18) Hexachloroethane	10.05	117	66359	40.360	ng	# 86
19) n-Nitroso-di-n-propylamine	9.73	70	145189	39.429	ng	# 95
20) 3+4-Methylphenols	9.68	107	221563	41.098	ng	94
22) Acetophenone	9.76	105	270626	36.905	ng	# 96
24) Nitrobenzene	10.16	77	196619	43.197	ng	92
25) Isophorone	10.69	82	379361	37.223	ng	95
26) 2-Nitrophenol	10.89	139	91633	53.734	ng	96
27) 2,4-Dimethylphenol	10.92	122	167114	37.746	ng	88
28) bis(2-Chloroethoxy)methane	11.17	93	218383	36.782	ng	96
29) 2,4-Dichlorophenol	11.43	162	157363	39.162	ng	94
30) 1,2,4-Trichlorobenzene	11.66	180	172729	36.671	ng	95
31) Naphthalene	11.86	128	563711	37.153	ng	98
32) Benzoic acid	11.00	122	77444	33.213	ng	# 83
33) 4-Chloroaniline	11.94	127	249965	36.846	ng	97
34) Hexachlorobutadiene	12.12	225	93712	35.469	ng	97
35) Caprolactam	12.69	113	65451	40.679	ng	91
36) 4-Chloro-3-methylphenol	13.00	107	190867	40.818	ng	93
37) 2-Methylnaphthalene	13.41	142	410950	37.437	ng	92
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	183268	36.888	ng	# 98
40) Hexachlorocyclopentadiene	13.73	237	95301	37.639	ng	92

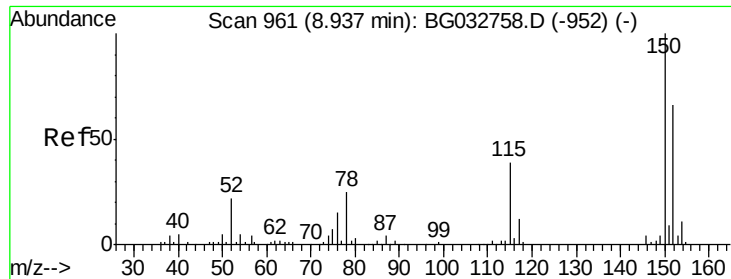
Data Path : Z:\HPCHEM1\BNA G\DATA\BG030118\
 Data File : BG032937.D
 Acq On : 2 Mar 2018 4:55
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

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 ClientSampleId :

Quant Time: Mar 02 10:55:11 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 01 17:38:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.98	196	124466	39.725	ng	98
43) 2,4,5-Trichlorophenol	14.05	196	148687	41.003	ng	97
45) 1,1'-Biphenyl	14.37	154	542534	37.096	ng	96
46) 2-Chloronaphthalene	14.43	162	402963	36.885	ng	98
47) 2-Nitroaniline	14.62	65	135234	48.862	ng	93
48) Acenaphthylene	15.27	152	667465	37.317	ng	99
49) Dimethylphthalate	14.96	163	524606	36.916	ng	99
50) 2,6-Dinitrotoluene	15.09	165	113458	48.193	ng	90
51) Acenaphthene	15.60	154	405947	36.443	ng	99
52) 3-Nitroaniline	15.42	138	129172	44.958	ng	# 85
53) 2,4-Dinitrophenol	15.62	184	8670	18.614	ng	# 1
54) Dibenzofuran	15.93	168	588399	37.097	ng	94
55) 4-Nitrophenol	15.68	139	71572	35.114	ng	85
56) 2,4-Dinitrotoluene	15.86	165	152017	53.669	ng	88
57) Fluorene	16.57	166	483343	36.921	ng	99
58) 2,3,4,6-Tetrachlorophenol	16.05	232	113469	40.303	ng	94
59) Diethylphthalate	16.30	149	554517	36.996	ng	98
60) 4-Chlorophenyl-phenylether	16.55	204	237895	37.147	ng	91
61) 4-Nitroaniline	16.57	138	126582	41.903	ng	83
62) Azobenzene	16.84	77	496321	37.014	ng	96
64) 4,6-Dinitro-2-methylphenol	16.62	198	38652	39.836	ng	93
65) n-Nitrosodiphenylamine	16.75	169	442062	37.644	ng	98
66) 4-Bromophenyl-phenylether	17.44	248	138706	36.339	ng	# 89
67) Hexachlorobenzene	17.56	284	150456	36.476	ng	# 91
68) Atrazine	17.68	200	139798	36.166	ng	96
69) Pentachlorophenol	17.90	266	87661	33.740	ng	98
70) Phenanthrene	18.30	178	749482	37.215	ng	98
71) Anthracene	18.40	178	754380	37.311	ng	99
72) Carbazole	18.65	167	720160	36.137	ng	98
73) Di-n-butylphthalate	19.15	149	925938	37.873	ng	99
74) Fluoranthene	20.25	202	820608	36.888	ng	94
76) Benzidine	20.41	184	282242	25.383	ng	97
77) Pyrene	20.61	202	844582	36.714	ng	97
79) Butylbenzylphthalate	21.48	149	418581	41.040	ng	94
80) Benzo(a)anthracene	22.60	228	780014	37.289	ng	99
81) 3,3'-Dichlorobenzidine	22.49	252	288663	37.259	ng	# 99
82) Chrysene	22.68	228	748946	37.481	ng	98
83) Bis(2-ethylhexyl)phthalate	22.43	149	611246	40.486	ng	96
84) Di-n-octyl phthalate	23.86	149	973362	42.297	ng	100
85) Indeno(1,2,3-cd)pyrene	30.87	276	831801	35.694	ng	# 90
87) Benzo(b)fluoranthene	25.21	252	766137	37.099	ng	# 97
88) Benzo(k)fluoranthene	25.29	252	773543	37.690	ng	# 96
89) Benzo(a)pyrene	26.26	252	740282	37.688	ng	# 96
90) Dibenzo(a,h)anthracene	30.94	278	677231	34.253	ng	# 92
91) Benzo(g,h,i)perylene	32.26	276	690468	35.427	ng	# 91

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

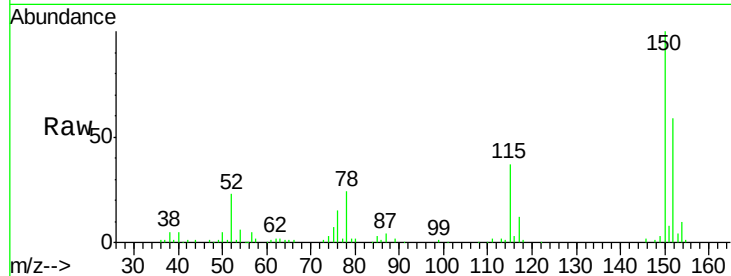


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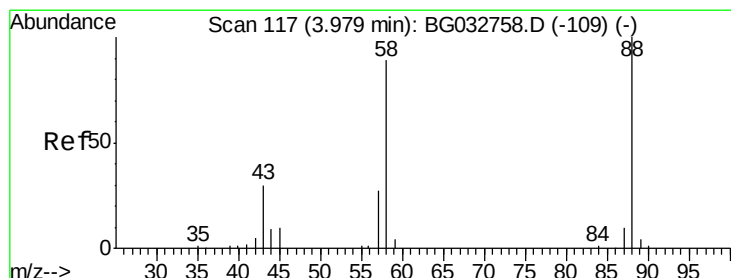
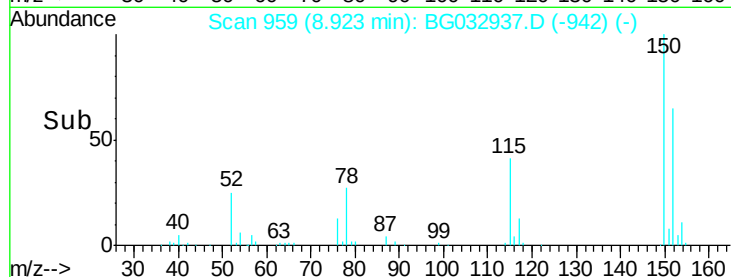
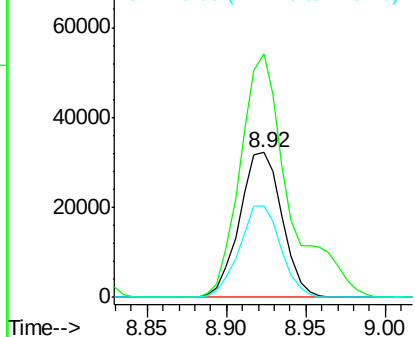
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 959
Delta R.T. 0.00 min
Lab File: BG032937.D
Acq: 2 Mar 2018 4:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 59868
Ion Ratio Lower Upper
152 100
150 168.4 126.6 189.8
115 63.1 53.0 79.4



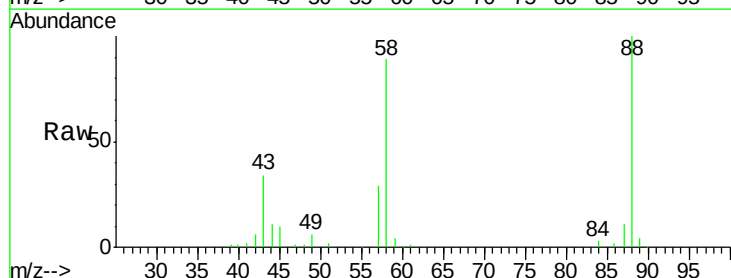
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



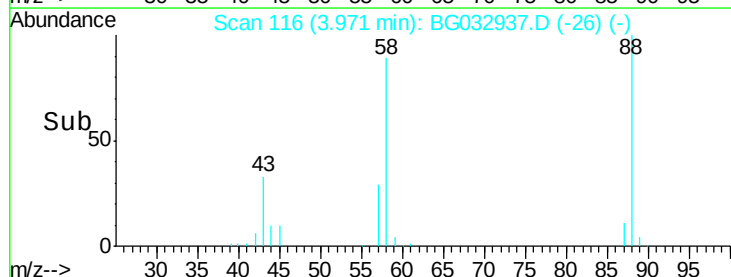
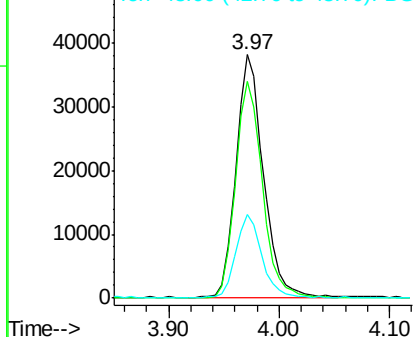
#2

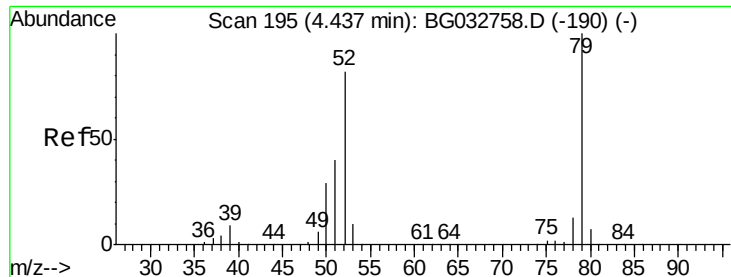
1,4-Dioxane
Concen: 41.283 ng
RT: 3.97 min Scan# 116
Delta R.T. -0.00 min
Lab File: BG032937.D
Acq: 2 Mar 2018 4:55

Tgt Ion: 88 Resp: 67046
Ion Ratio Lower Upper
88 100
58 87.1 79.6 119.4
43 32.9 27.4 41.0



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





#3

Pvridine

Concen: 42.248 ng

RT: 4.44 min Scan# 195

Delta R.T. 0.00 min

Lab File: BG032937.D

Acq: 2 Mar 2018 4:55

Instrument :

BNA_G

ClientSampled :

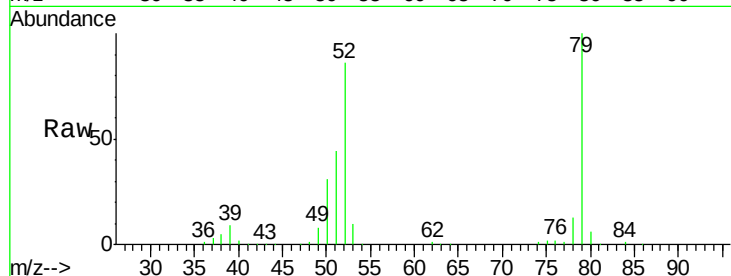
Tot Ion: 79 Resp: 189112

Ion Ratio Lower Upper

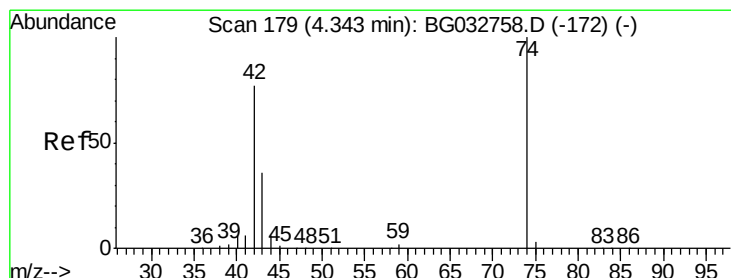
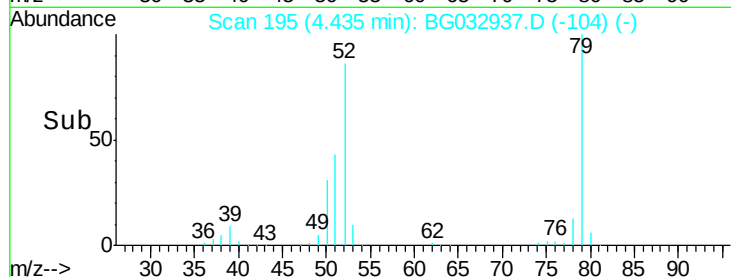
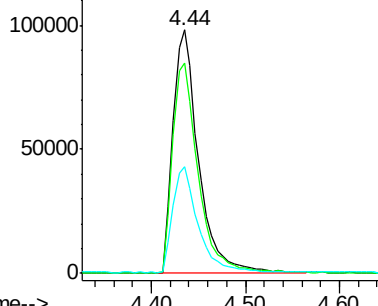
79 100

52 86.3 69.9 104.9

51 43.6 34.0 51.0



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



#4

n-Nitrosodimethylamine

Concen: 43.966 ng

RT: 4.34 min Scan# 178

Delta R.T. 0.00 min

Lab File: BG032937.D

Acq: 2 Mar 2018 4:55

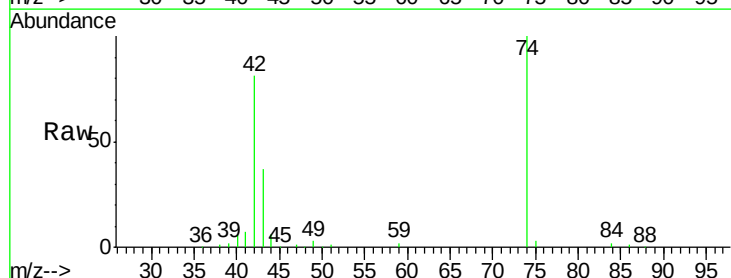
Tgt Ion: 42 Resp: 78903

Ion Ratio Lower Upper

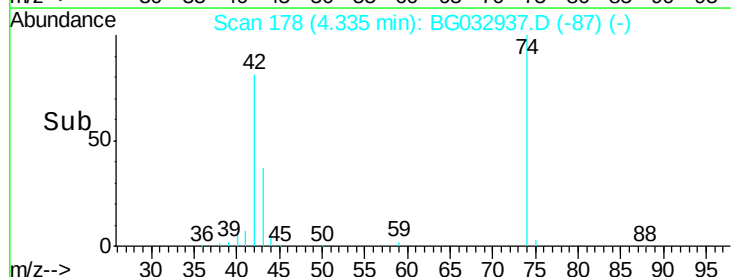
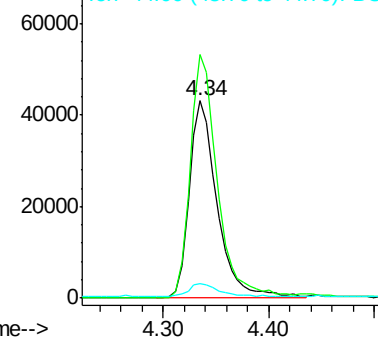
42 100

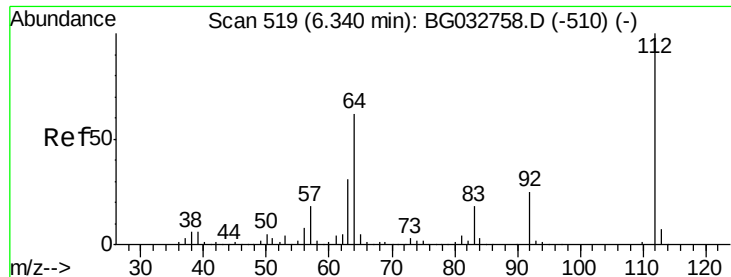
74 123.5 102.5 153.7

44 7.6 18.9 28.3#



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





#5

2-Fluorophenol

Concen: 82.272 ng

RT: 6.33 min Scan# 518

Delta R.T. 0.00 min

Lab File: BG032937.D

Acq: 2 Mar 2018 4:55

Instrument :

BNA_G

ClientSampleId :

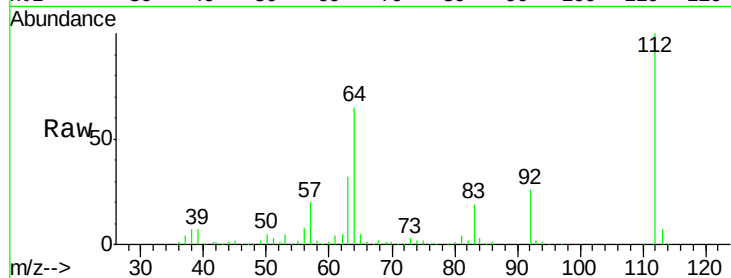
Tot Ion:112 Resp: 307870

Ion Ratio Lower Upper

112 100

64 65.3 56.3 84.5

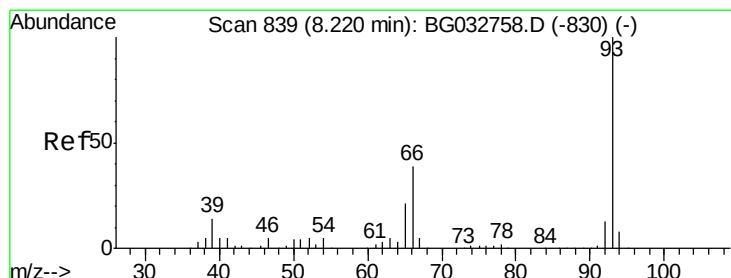
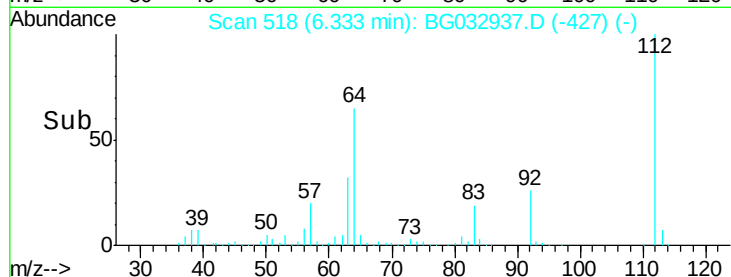
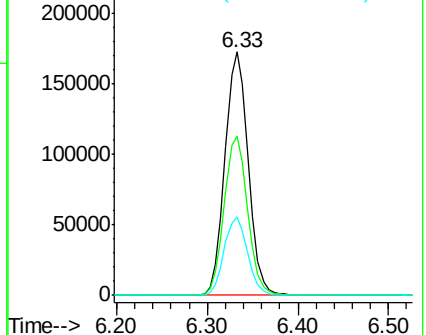
63 32.0 30.1 45.1



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: 38.587 ng

RT: 8.21 min Scan# 838

Delta R.T. 0.00 min

Lab File: BG032937.D

Acq: 2 Mar 2018 4:55

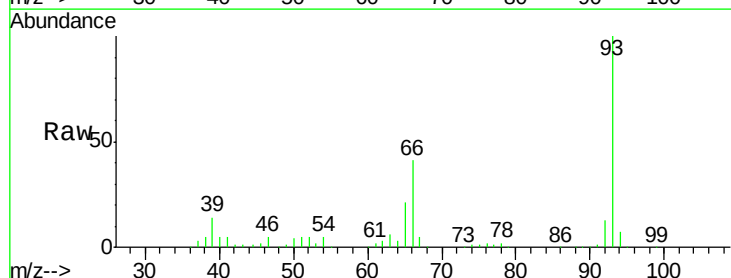
Tgt Ion: 93 Resp: 272436

Ion Ratio Lower Upper

93 100

66 40.6 33.7 50.5

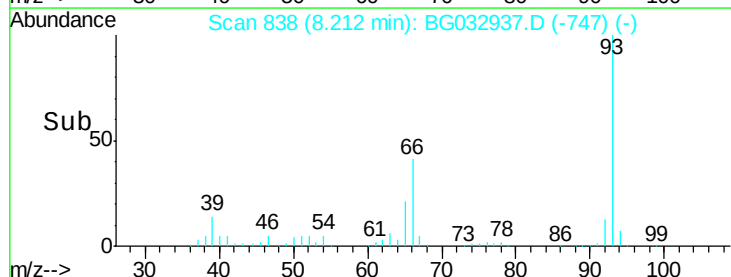
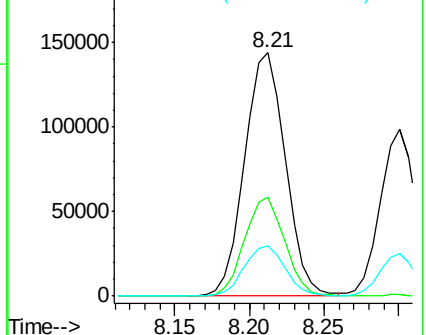
65 20.6 16.1 24.1

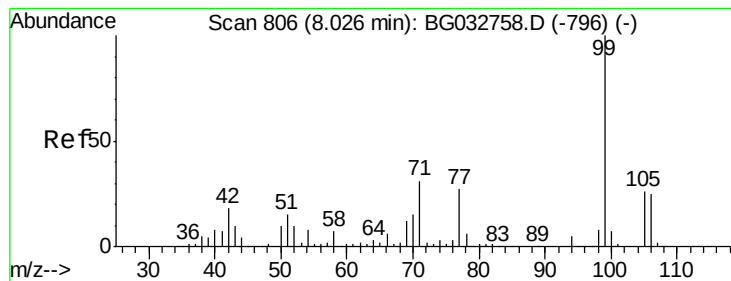


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 81.912 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG032937.D

Acq: 2 Mar 2018 4:55

Instrument :

BNA_G

ClientSampled :

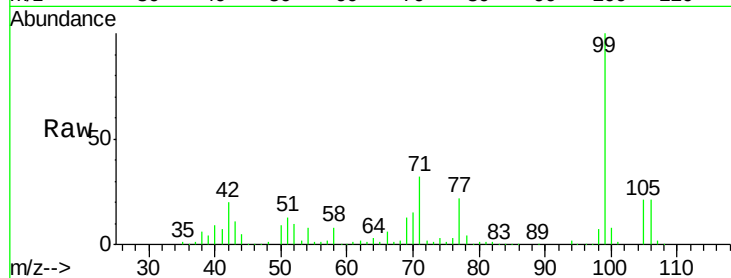
Tot Ion: 99 Resp: 427249

Ion Ratio Lower Upper

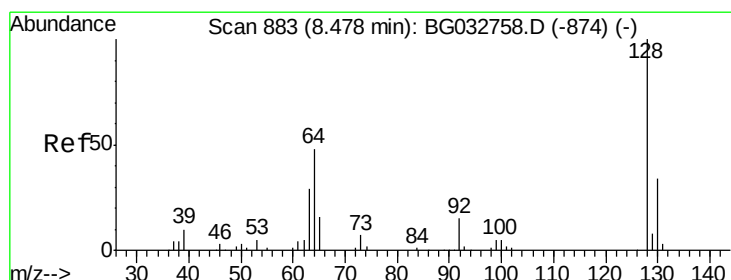
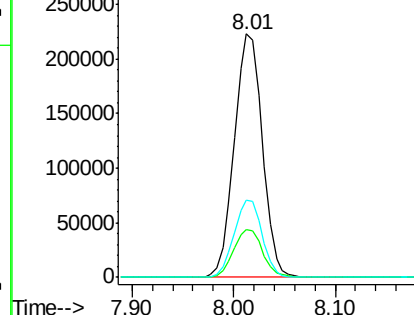
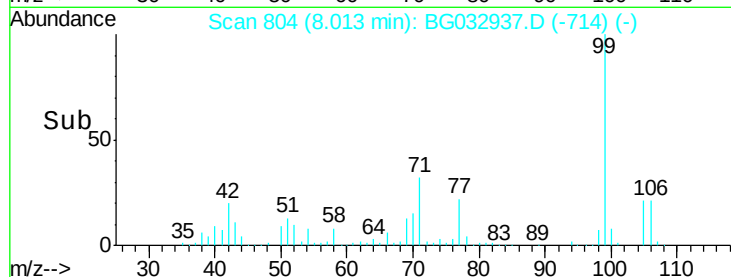
99 100

42 19.9 14.1 21.1

71 31.8 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: 40.799 ng

RT: 8.46 min Scan# 881

Delta R.T. 0.00 min

Lab File: BG032937.D

Acq: 2 Mar 2018 4:55

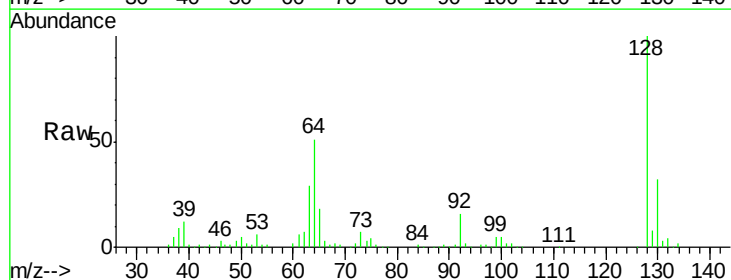
Tgt Ion: 128 Resp: 167110

Ion Ratio Lower Upper

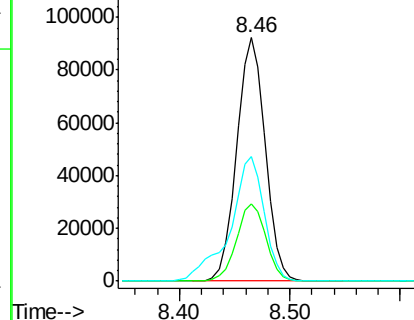
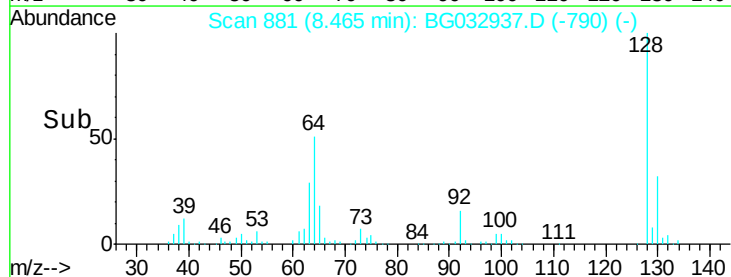
128 100

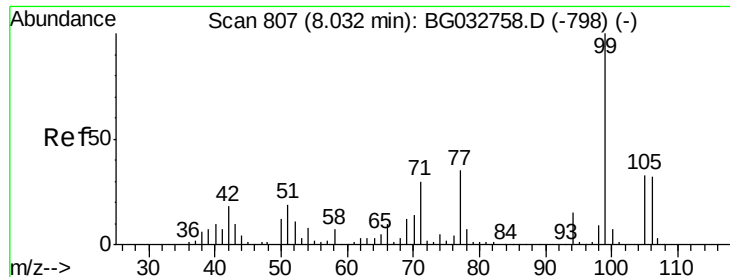
130 31.6 14.0 54.0

64 51.2 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: 35.573 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.00 min

Lab File: BG032937.D

Acq: 2 Mar 2018 4:55

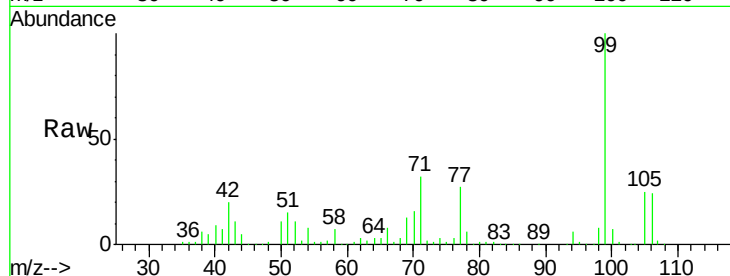
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 106939

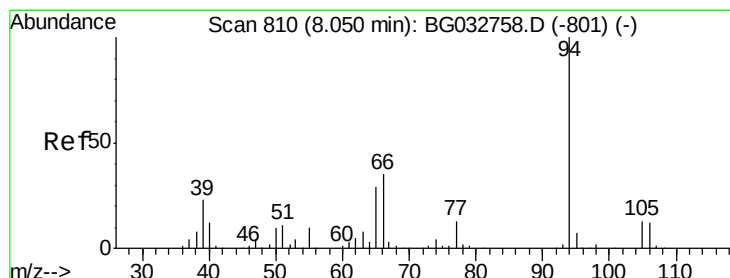
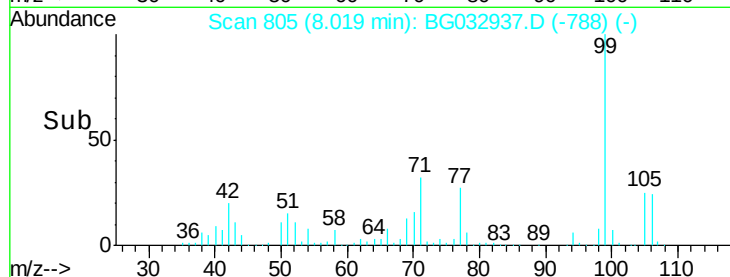
Ion	Ratio	Lower	Upper
77	100		
105	91.5	71.3	111.3
106	90.0	64.2	104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 40.795 ng

RT: 8.04 min Scan# 809

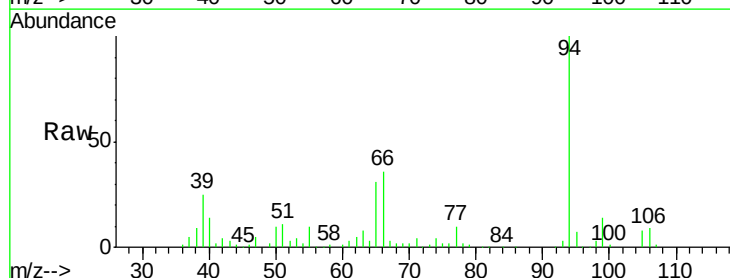
Delta R.T. 0.00 min

Lab File: BG032937.D

Acq: 2 Mar 2018 4:55

Tgt Ion: 94 Resp: 214499

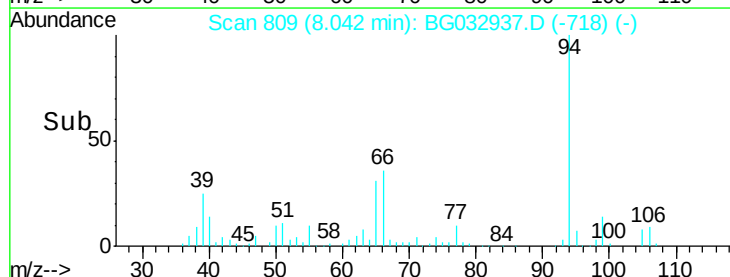
Ion	Ratio	Lower	Upper
94	100		
65	30.8	11.9	51.9
66	36.4	22.2	62.2

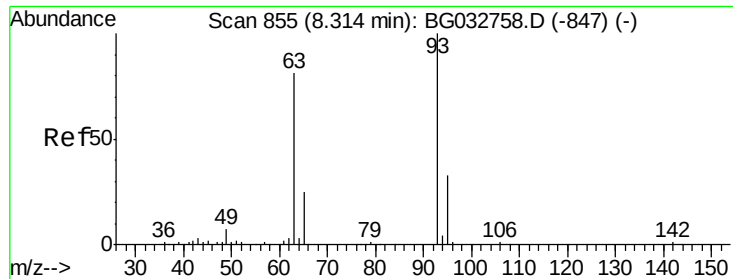


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

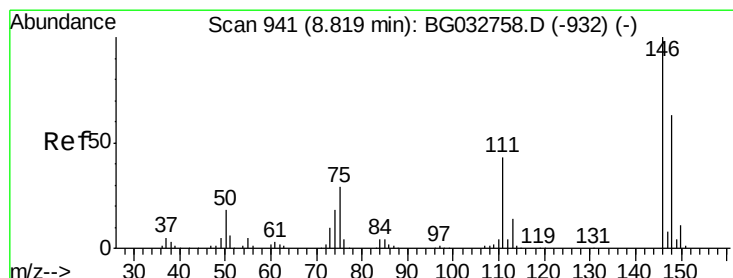
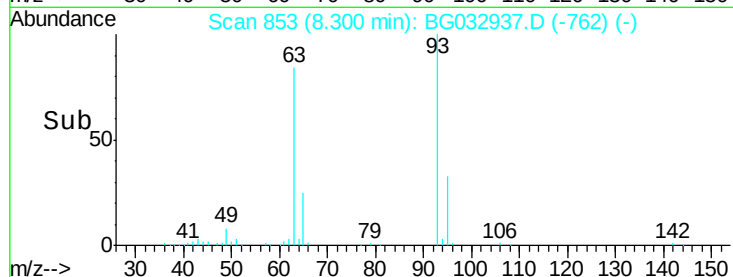
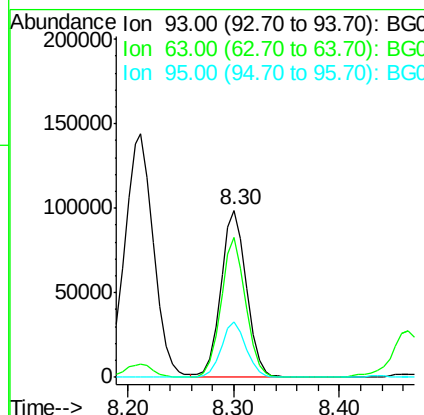
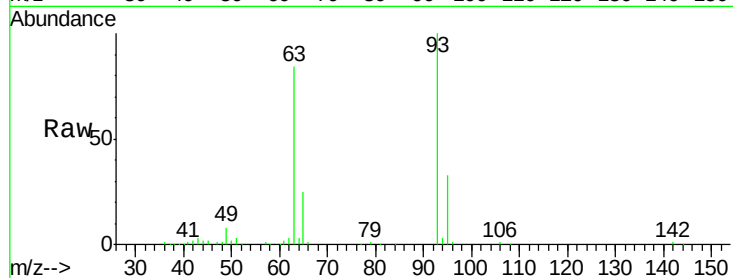




#11
bis(2-Chloroethyl)ether
Concen: 38.802 ng
RT: 8.30 min Scan# 853
Delta R.T. 0.00 min
Lab File: BG032937.D
Acq: 2 Mar 2018 4:55

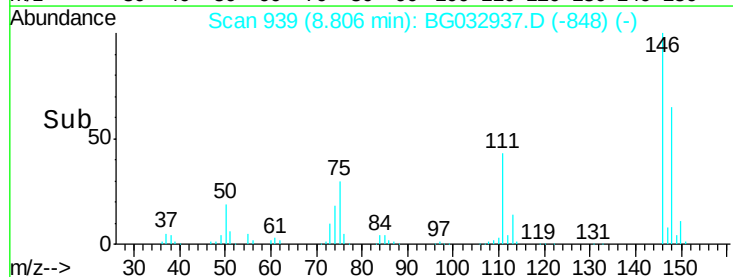
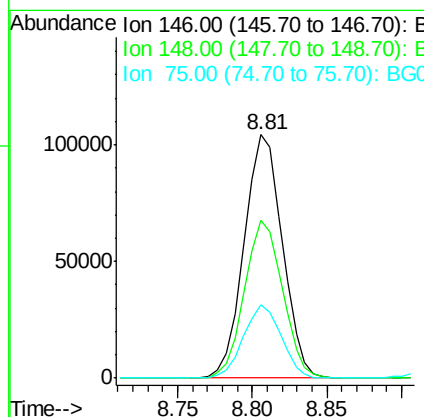
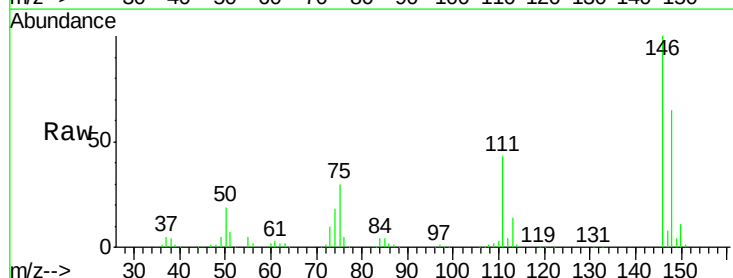
Instrument :
BNA_G
ClientSampleId :

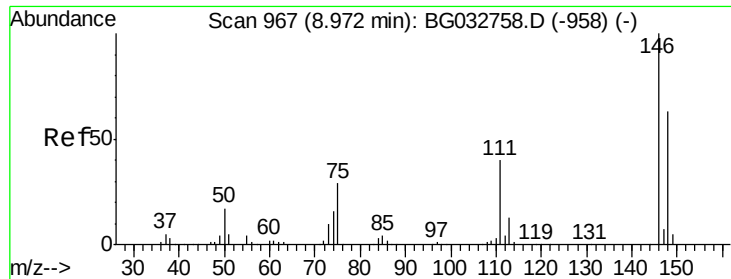
Tot Ion: 93 Resp: 166829
Ion Ratio Lower Upper
93 100
63 83.8 67.1 107.1
95 33.2 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 38.505 ng
RT: 8.81 min Scan# 939
Delta R.T. 0.00 min
Lab File: BG032937.D
Acq: 2 Mar 2018 4:55

Tgt Ion: 146 Resp: 184722
Ion Ratio Lower Upper
146 100
148 64.9 51.4 77.2
75 30.2 26.6 39.8

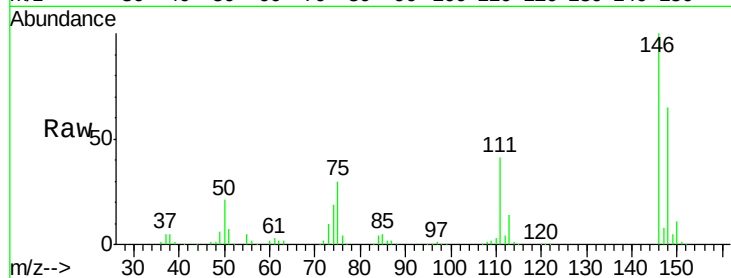




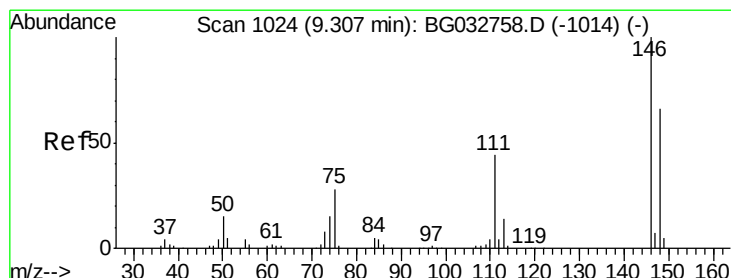
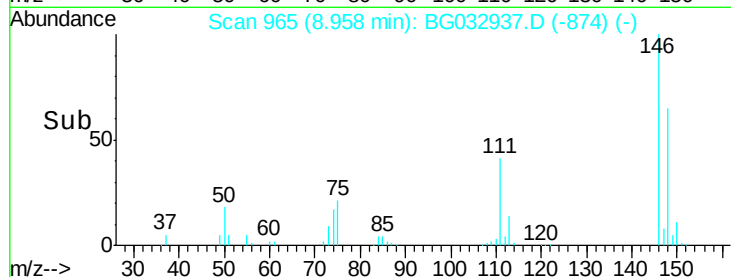
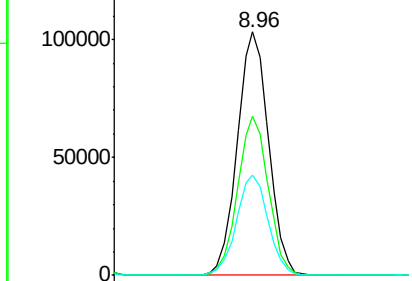
#13
 1,4-Dichlorobenzene
 Concen: 38.575 ng
 RT: 8.96 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: BG032937.D
 Acq: 2 Mar 2018 4:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 186280
 Ion Ratio Lower Upper
 146 100
 148 65.3 53.7 80.5
 111 41.2 35.2 52.8

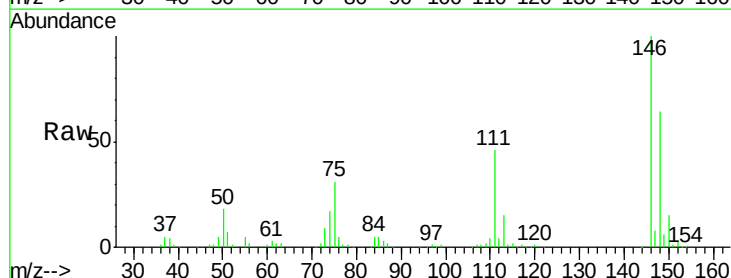


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

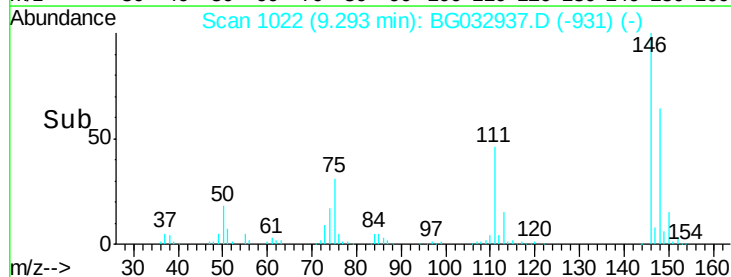
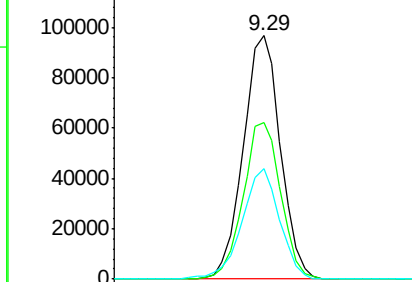


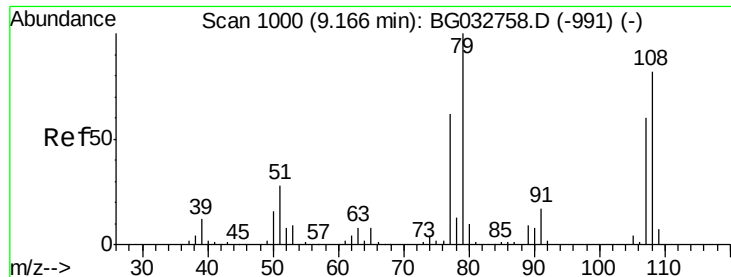
#14
 1,2-Dichlorobenzene
 Concen: 38.437 ng
 RT: 9.29 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BG032937.D
 Acq: 2 Mar 2018 4:55

Tgt Ion:146 Resp: 177866
 Ion Ratio Lower Upper
 146 100
 148 64.2 49.3 73.9
 111 45.5 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

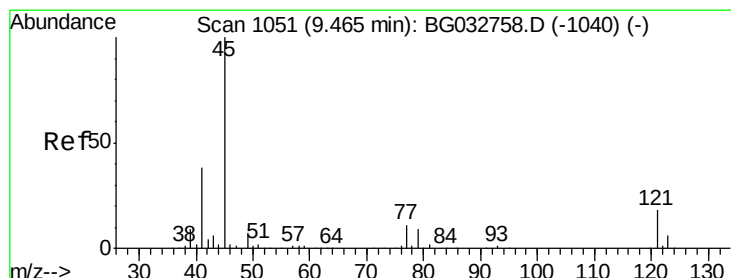
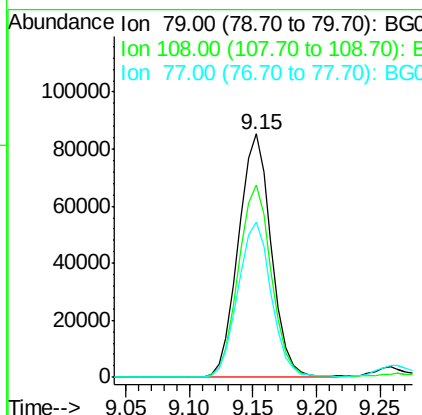
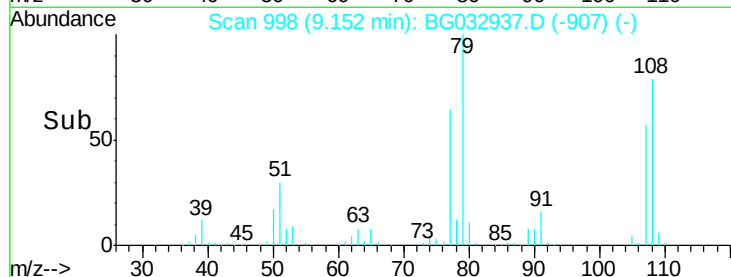
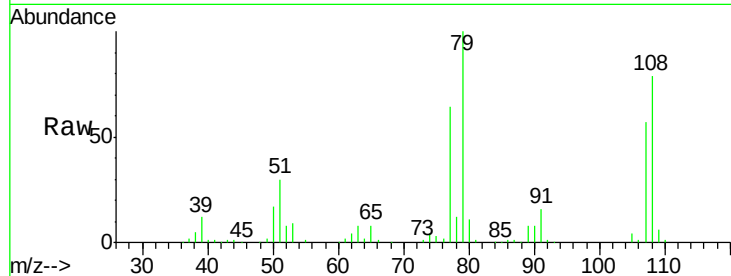




#15
Benzyl Alcohol
Concen: 39.946 ng
RT: 9.15 min Scan# 998
Delta R.T. 0.00 min
Lab File: BG032937.D
Acq: 2 Mar 2018 4:55

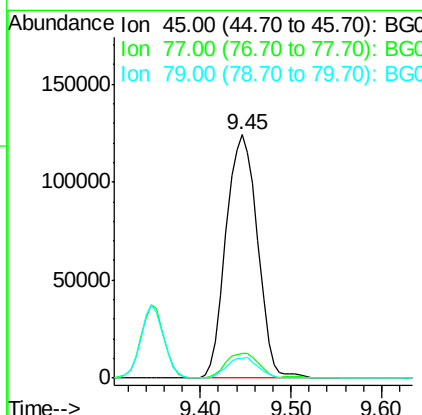
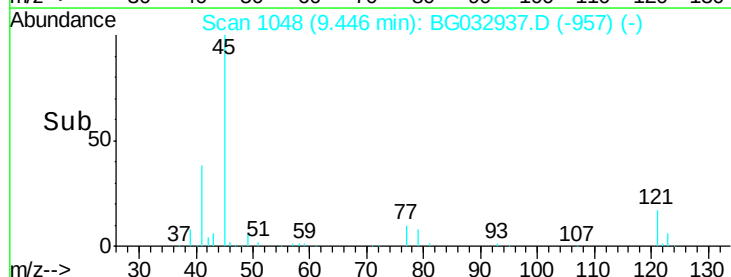
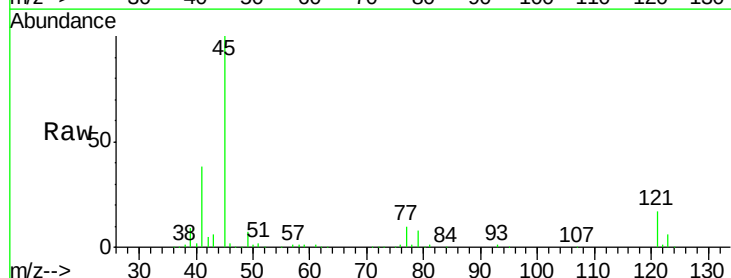
Instrument :
BNA_G
ClientSampleId :

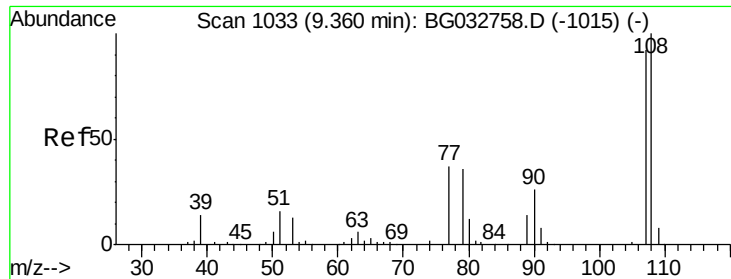
Tot Ion: 79 Resp: 153174
Ion Ratio Lower Upper
79 100
108 78.9 57.2 85.8
77 63.9 46.1 69.1



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.487 ng
RT: 9.45 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BG032937.D
Acq: 2 Mar 2018 4:55

Tgt Ion: 45 Resp: 299243
Ion Ratio Lower Upper
45 100
77 10.3 0.0 30.2
79 8.2 0.0 27.9





#17

2-Methylphenol

Concen: 39.411 ng

RT: 9.35 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BG032937.D

Acq: 2 Mar 2018 4:55

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 152804

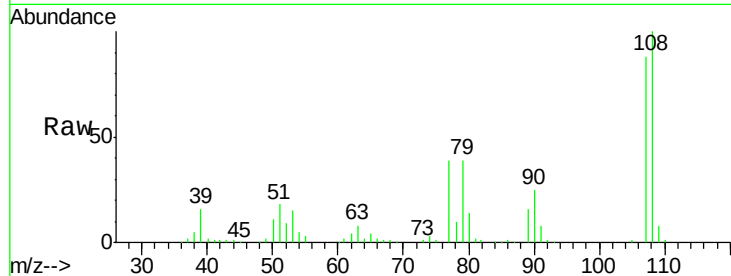
Ion Ratio Lower Upper

107 100

108 113.9 83.9 125.9

77 44.4 37.2 55.8

79 44.4 36.2 54.2

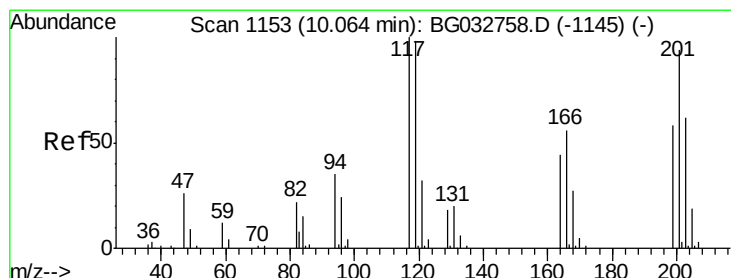
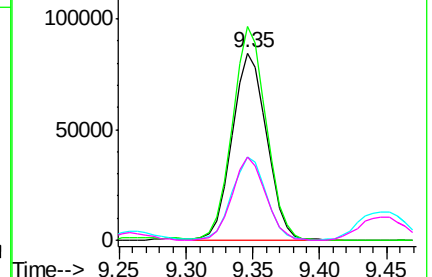
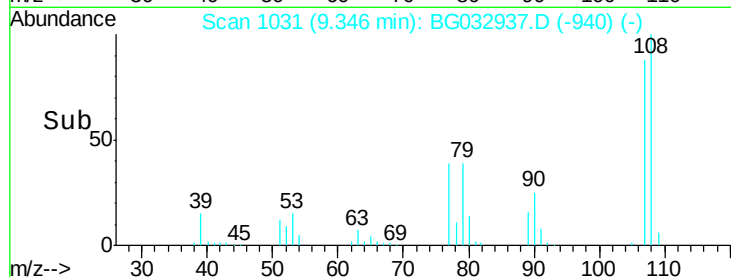


Abundance Ion 107.00 (106.70 to 107.70): E

150000 Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 40.360 ng

RT: 10.05 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BG032937.D

Acq: 2 Mar 2018 4:55

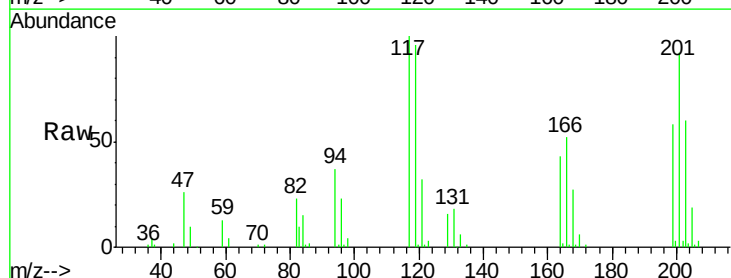
Tgt Ion:117 Resp: 66359

Ion Ratio Lower Upper

117 100

119 95.7 76.7 115.1

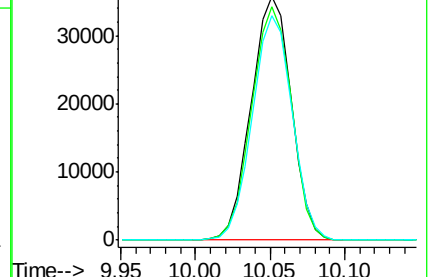
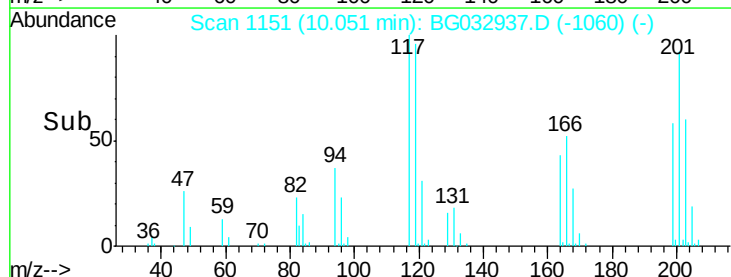
201 92.0 95.7 143.5#

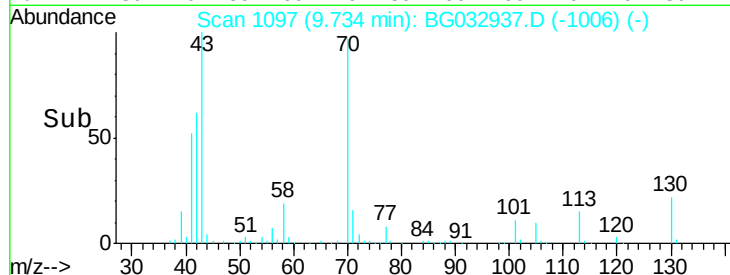
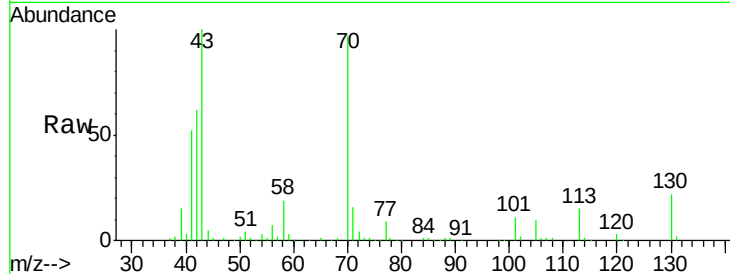
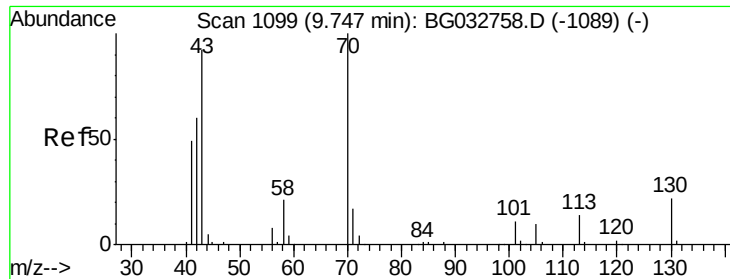


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

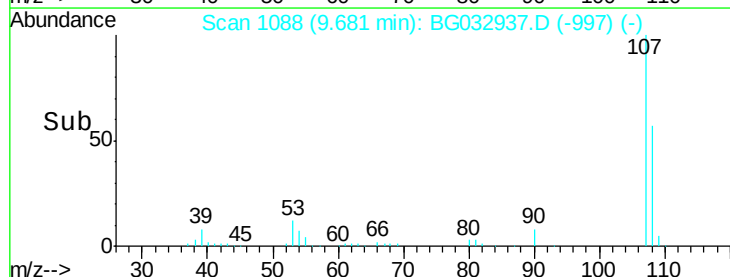
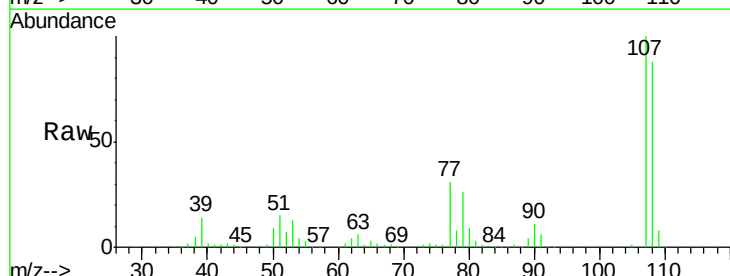
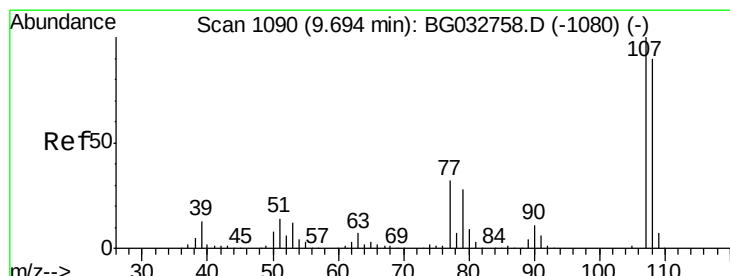
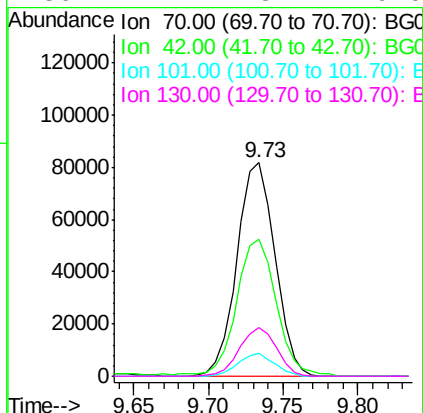




#19
n-Nitroso-di-n-propylamine
Concen: 39.429 ng
RT: 9.73 min Scan# 1097
Delta R.T. 0.00 min
Lab File: BG032937.D
Acq: 2 Mar 2018 4:55

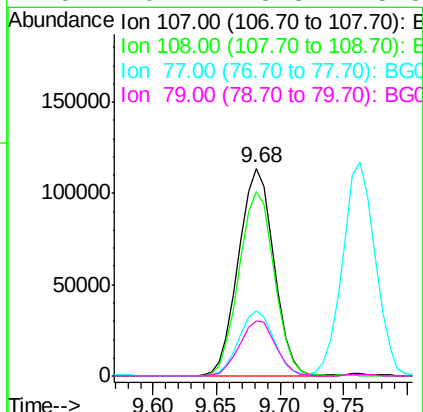
Instrument :
BNA_G
ClientSampleId :

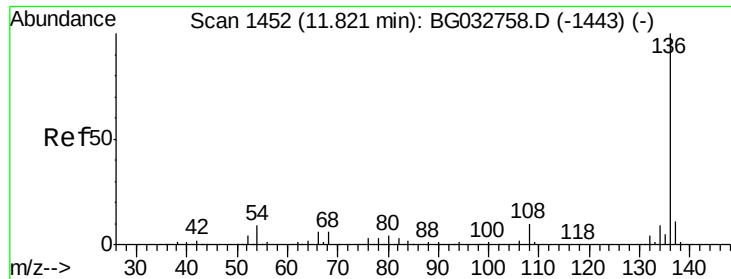
Tot Ion: 70 Resp: 145189
Ion Ratio Lower Upper
70 100
42 64.0 49.1 73.7
101 11.1 8.5 12.7
130 22.7 13.4 20.0#



#20
3+4-Methylphenols
Concen: 41.098 ng
RT: 9.68 min Scan# 1088
Delta R.T. 0.00 min
Lab File: BG032937.D
Acq: 2 Mar 2018 4:55

Tgt Ion: 107 Resp: 221563
Ion Ratio Lower Upper
107 100
108 88.4 61.6 101.6
77 31.2 13.9 53.9
79 26.4 8.8 48.8

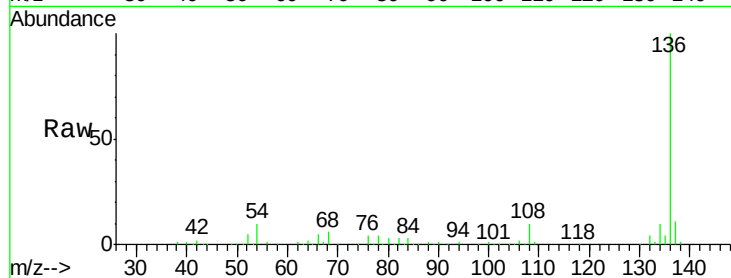




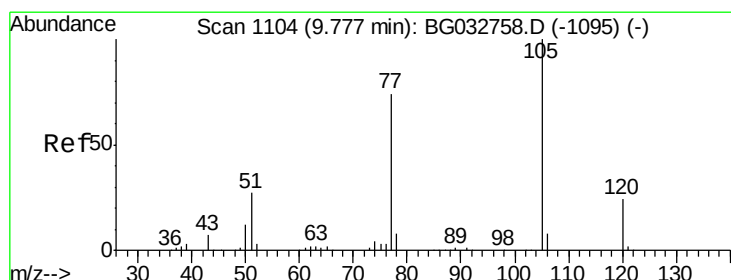
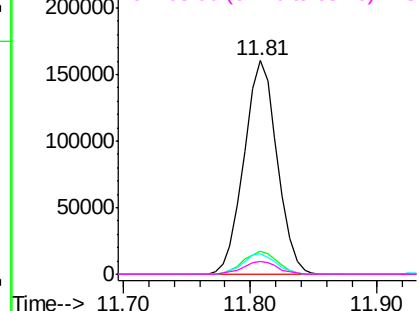
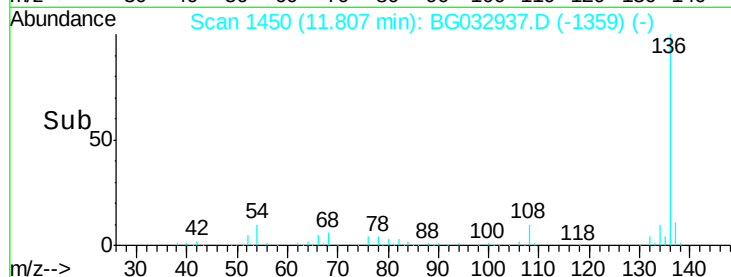
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.81 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BG032937.D
Acq: 2 Mar 2018 4:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	290364
Ion Ratio	Lower	Upper
136	100	
137	10.7	9.2 13.8
54	9.8	10.3 15.5#
68	6.2	4.5 6.7

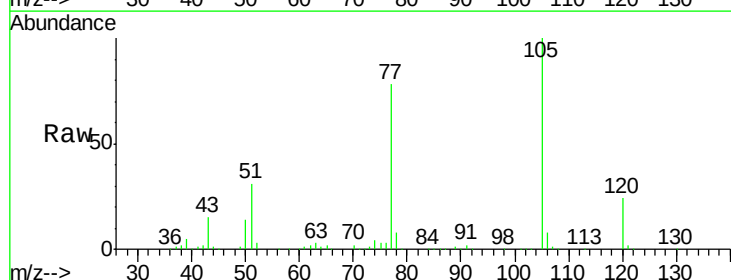


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

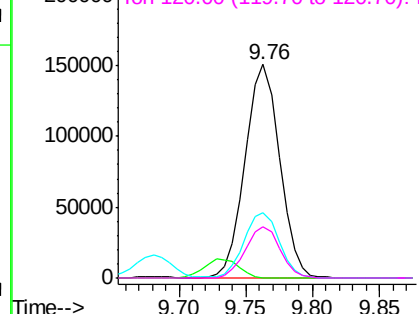
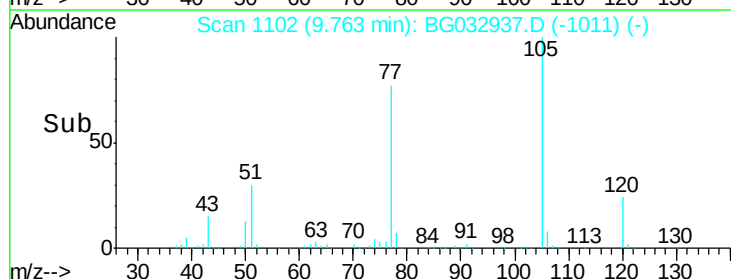


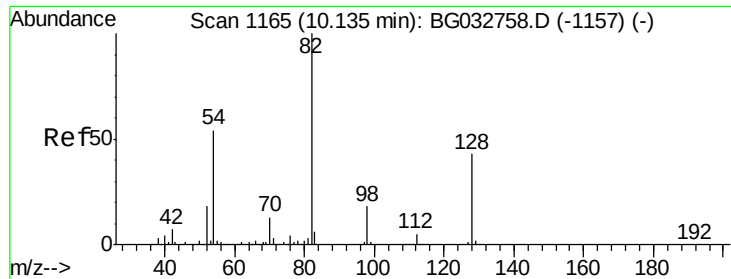
#22
Acetophenone
Concen: 36.905 ng
RT: 9.76 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BG032937.D
Acq: 2 Mar 2018 4:55

Tgt Ion:105	Resp:	270626
Ion Ratio	Lower	Upper
105	100	
71	0.2	3.0 4.4#
51	30.6	26.1 39.1
120	24.0	17.4 26.2



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

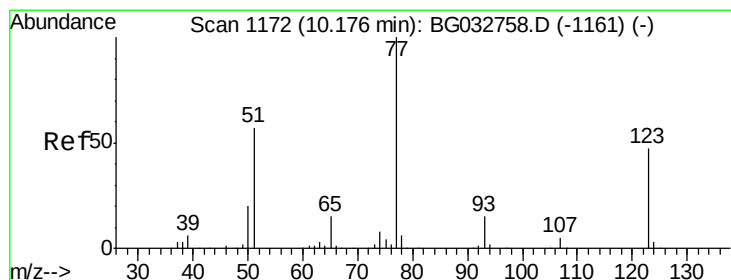
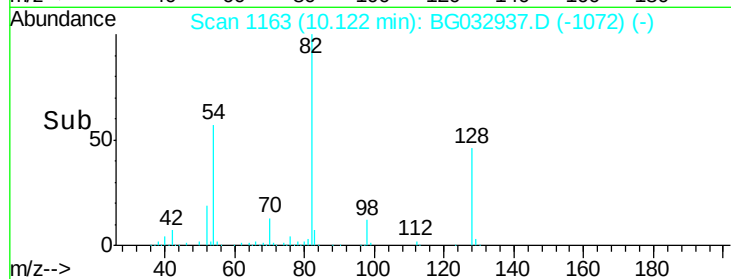
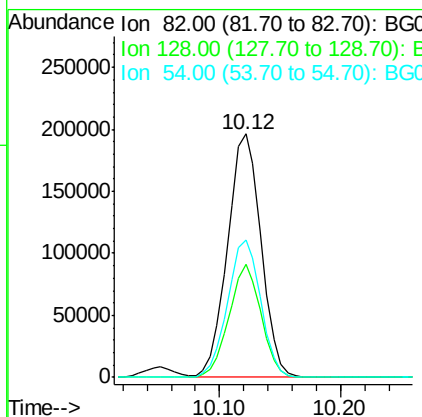
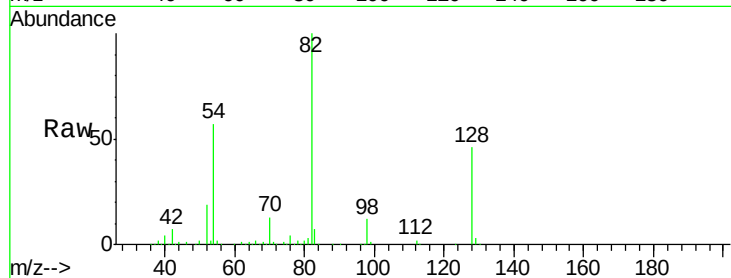




#23
 Nitrobenzene-d5
 Concen: 89.466 ng
 RT: 10.12 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BG032937.D
 Acq: 2 Mar 2018 4:55

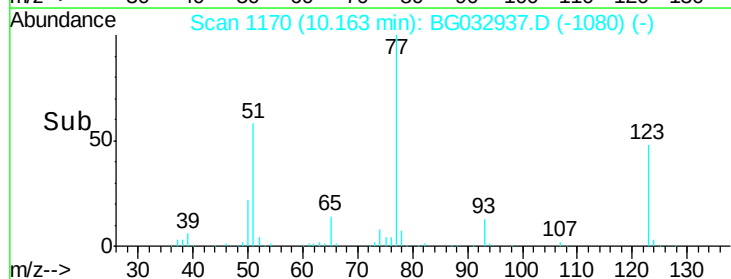
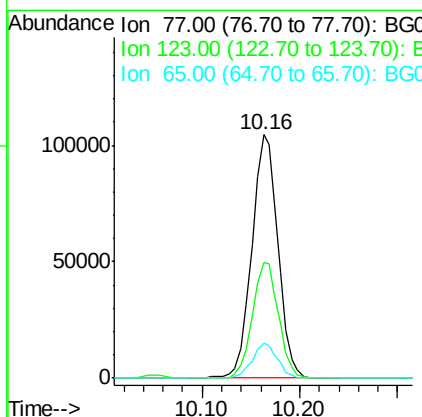
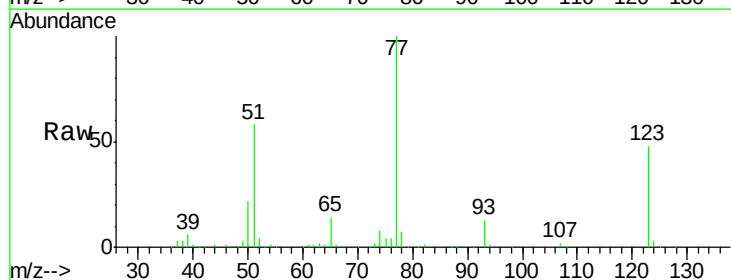
Instrument :
 BNA_G
 ClientSampleId :

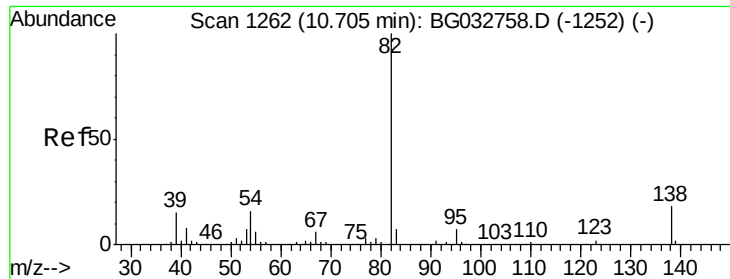
Tot Ion	82	Resp	376810
Ion Ratio	Lower	Upper	
82	100		
128	46.3	29.7	44.5#
54	56.7	43.1	64.7



#24
 Nitrobenzene
 Concen: 43.197 ng
 RT: 10.16 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BG032937.D
 Acq: 2 Mar 2018 4:55

Tgt Ion	77	Resp	196619
Ion Ratio	Lower	Upper	
77	100		
123	47.5	33.0	49.6
65	14.4	13.0	19.6





#25

Isophorone

Concen: 37.223 ng

RT: 10.69 min Scan# 1259

Delta R.T. 0.00 min

Lab File: BG032937.D

Acq: 2 Mar 2018 4:55

Instrument :

BNA_G

ClientSampled :

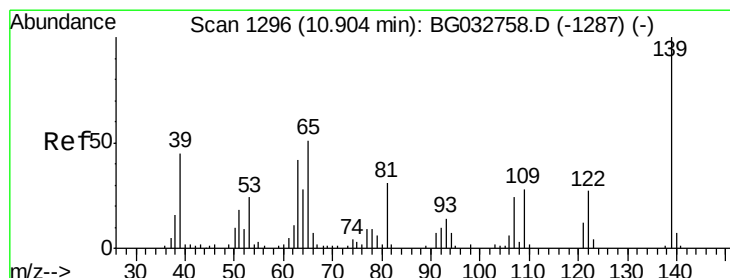
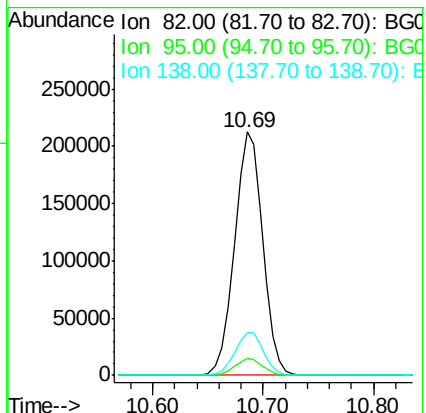
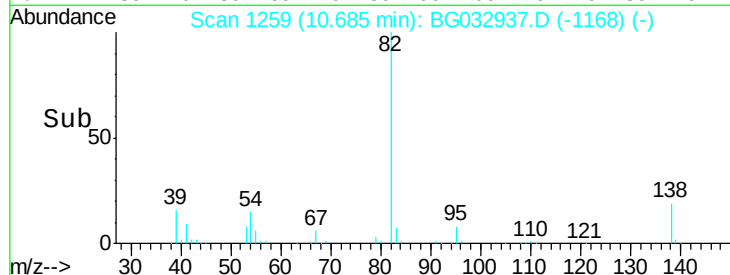
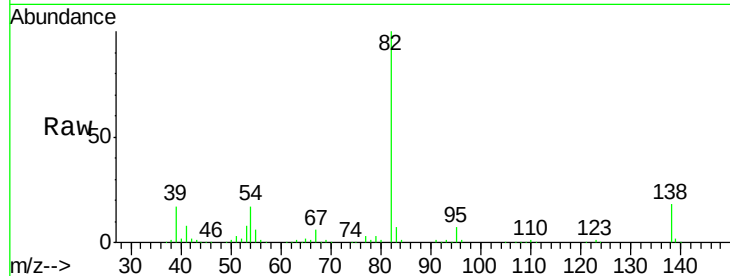
Tot Ion: 82 Resp: 379361

Ion Ratio Lower Upper

82 100

95 7.2 6.2 9.2

138 17.7 12.1 18.1



#26

2-Nitrophenol

Concen: 53.734 ng

RT: 10.89 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BG032937.D

Acq: 2 Mar 2018 4:55

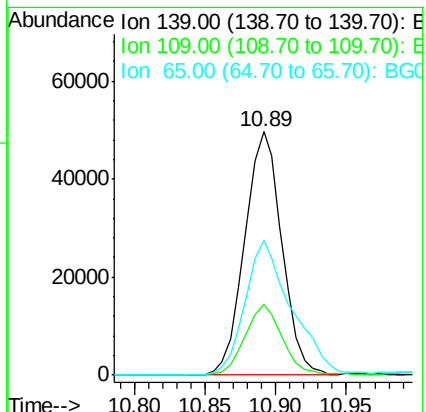
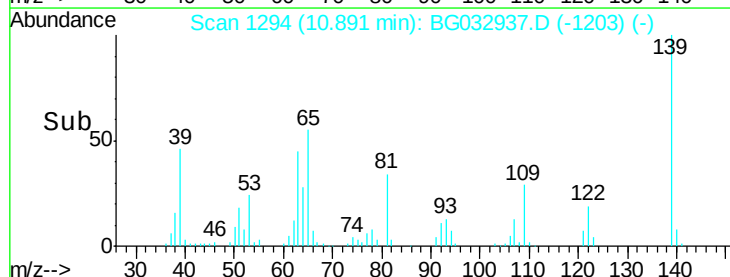
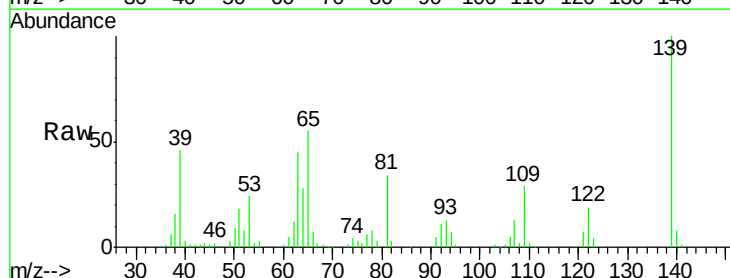
Tgt Ion: 139 Resp: 91633

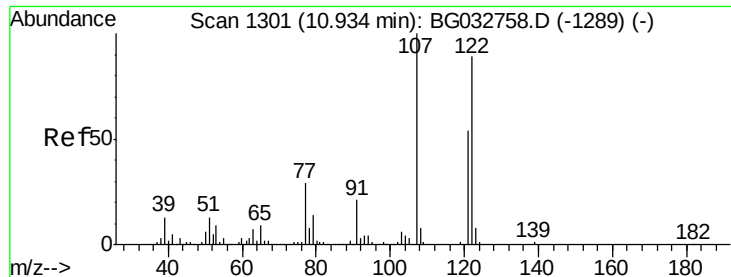
Ion Ratio Lower Upper

139 100

109 29.0 24.2 36.2

65 55.2 47.4 71.0

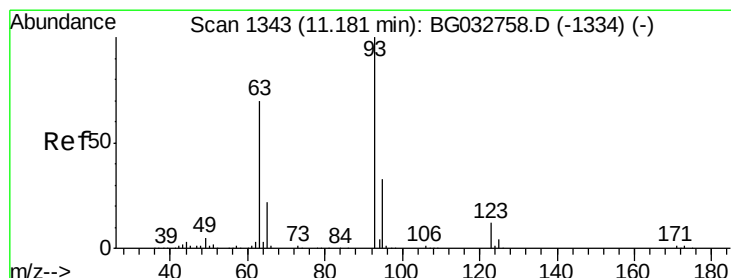
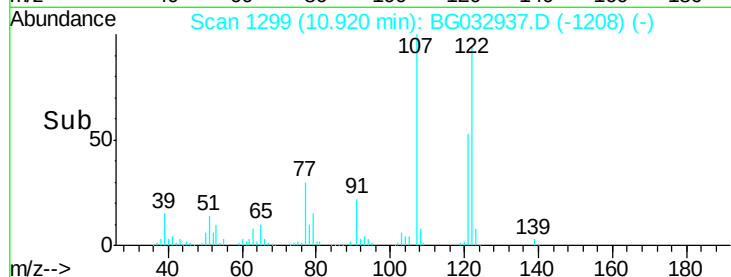
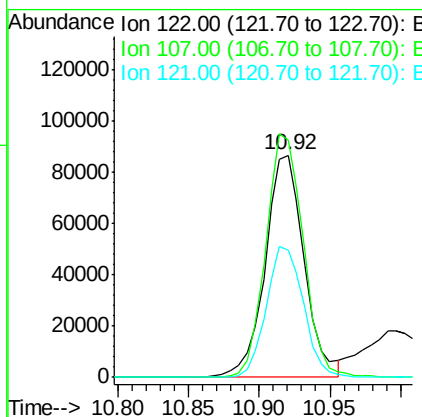
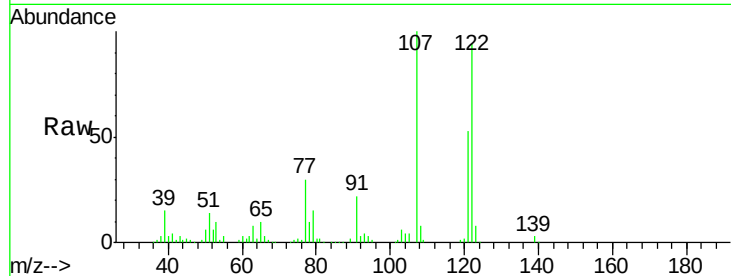




#27
2,4-Dimethylphenol
Concen: 37.746 ng
RT: 10.92 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG032937.D
Acq: 2 Mar 2018 4:55

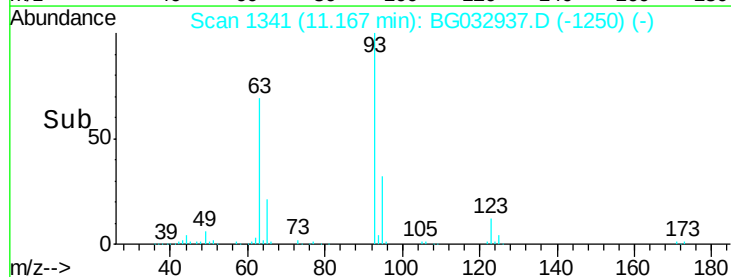
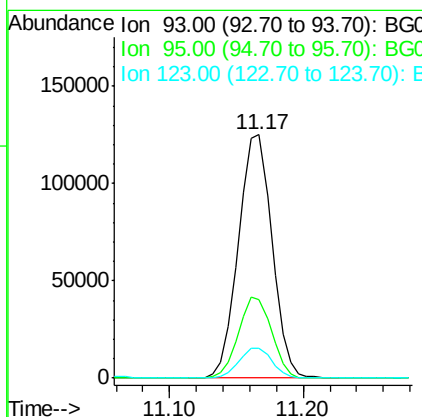
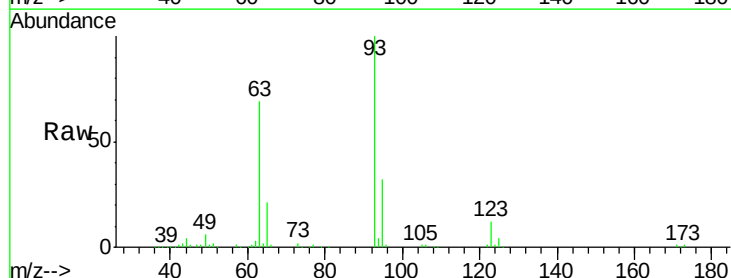
Instrument :
BNA_G
ClientSampleId :

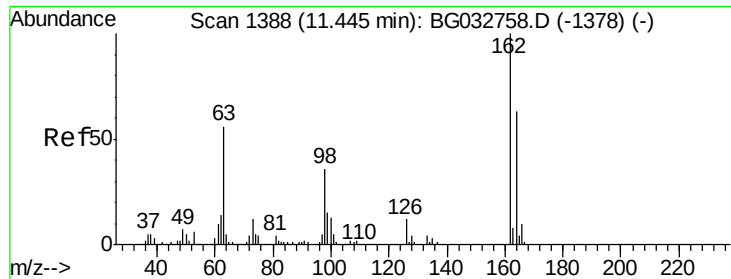
Tot Ion:122 Resp: 167114
Ion Ratio Lower Upper
122 100
107 106.7 100.2 150.2
121 57.0 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 36.782 ng
RT: 11.17 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BG032937.D
Acq: 2 Mar 2018 4:55

Tgt Ion: 93 Resp: 218383
Ion Ratio Lower Upper
93 100
95 32.2 24.3 36.5
123 12.0 8.4 12.6

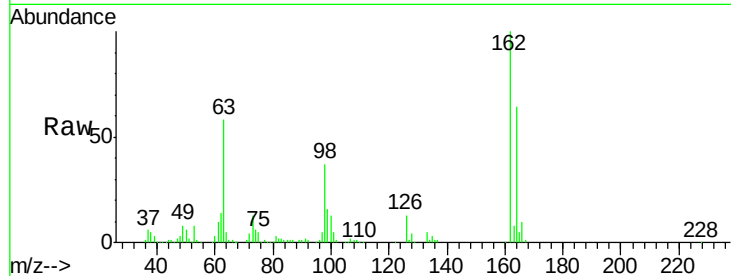




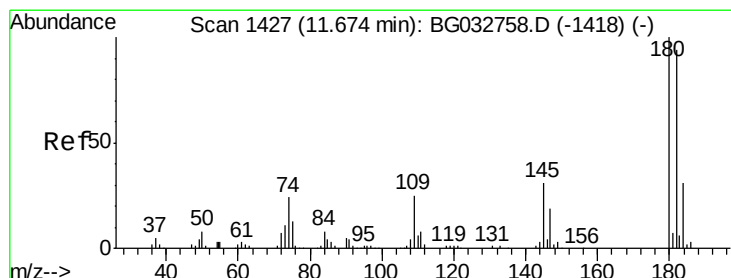
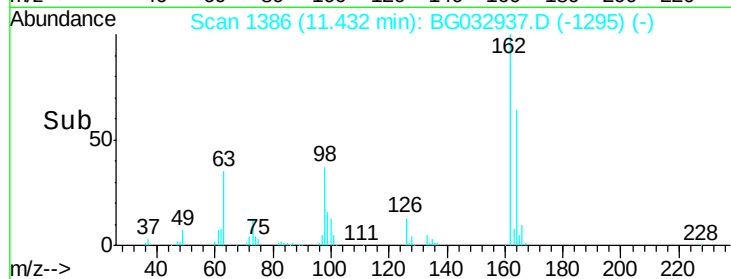
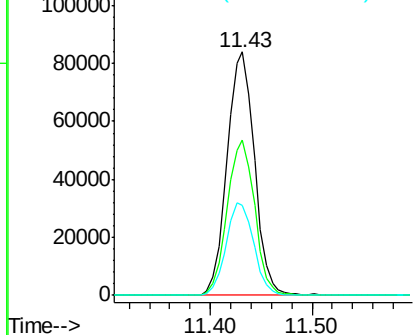
#29
2,4-Dichlorophenol
Concen: 39.162 ng
RT: 11.43 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BG032937.D
Acq: 2 Mar 2018 4:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:162 Resp: 157363
Ion Ratio Lower Upper
162 100
164 63.9 48.0 88.0
98 36.9 21.1 61.1

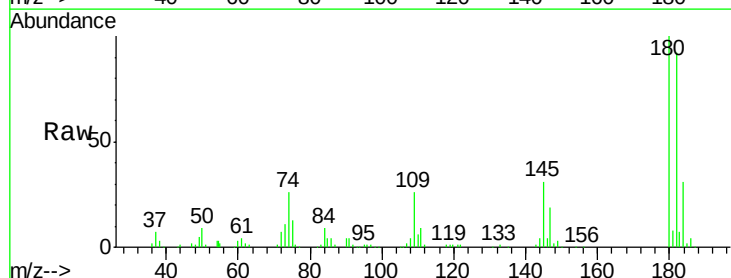


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BGC

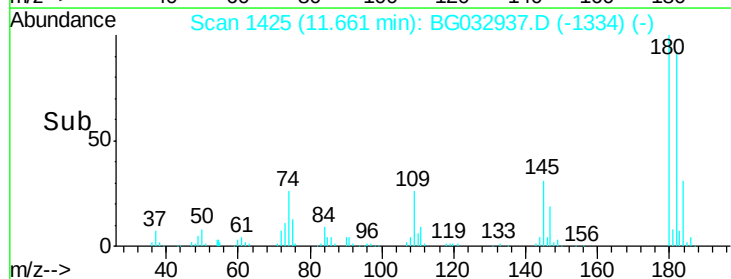
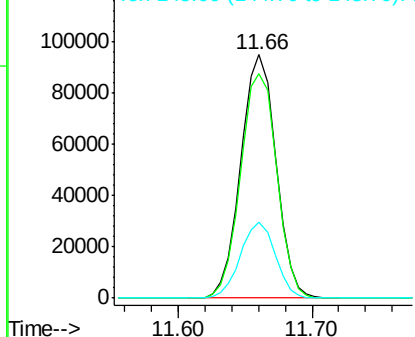


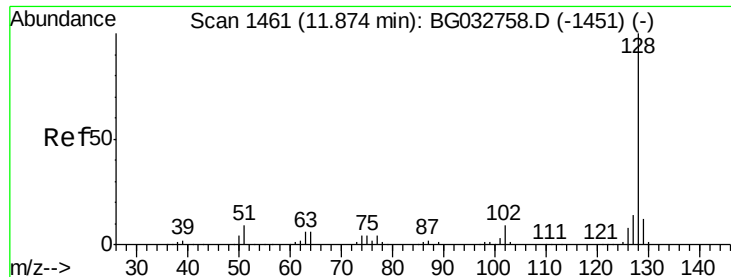
#30
1,2,4-Trichlorobenzene
Concen: 36.671 ng
RT: 11.66 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BG032937.D
Acq: 2 Mar 2018 4:55

Tgt Ion:180 Resp: 172729
Ion Ratio Lower Upper
180 100
182 92.1 77.5 116.3
145 31.4 23.4 35.2



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

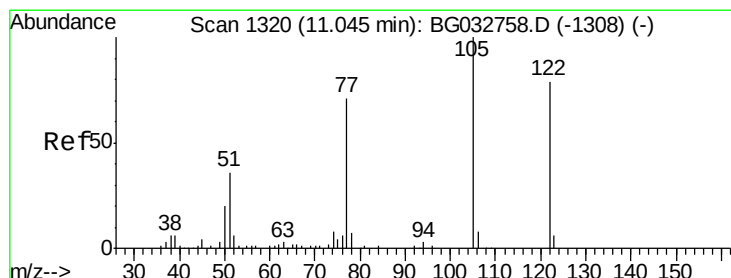
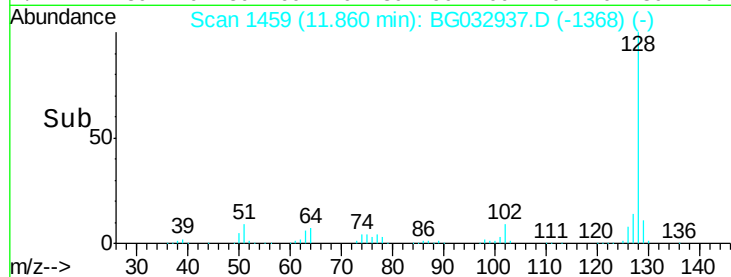
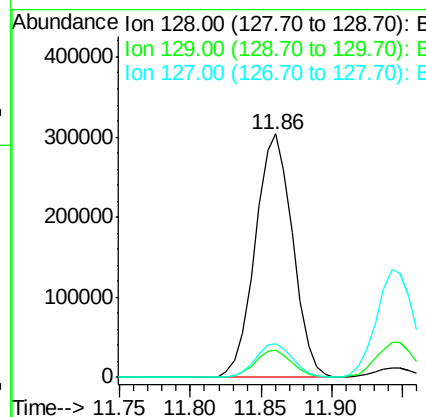
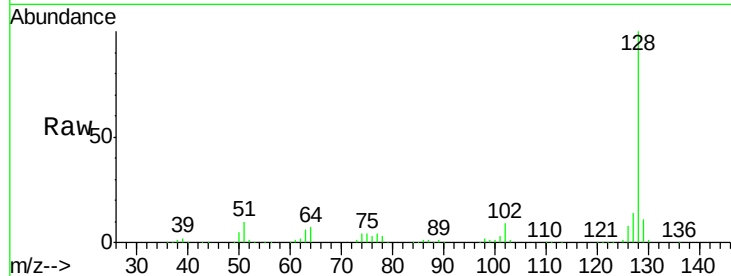




#31
Naphthalene
Concen: 37.153 ng
RT: 11.86 min Scan# 1459
Delta R.T. 0.00 min
Lab File: BG032937.D
Acq: 2 Mar 2018 4:55

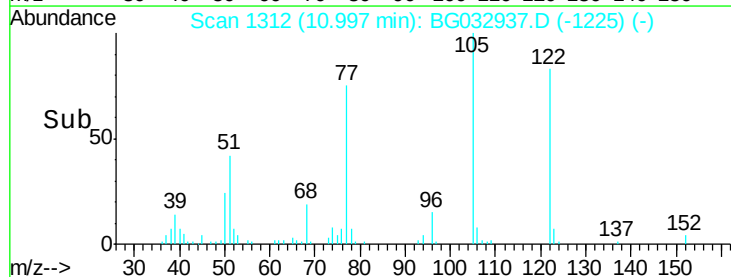
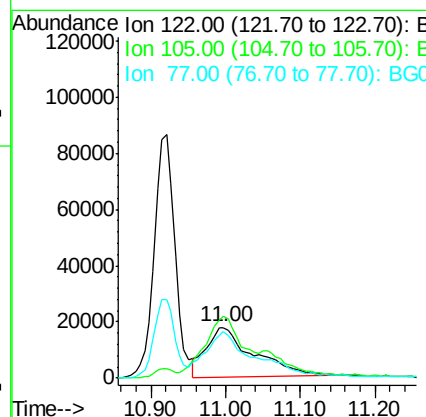
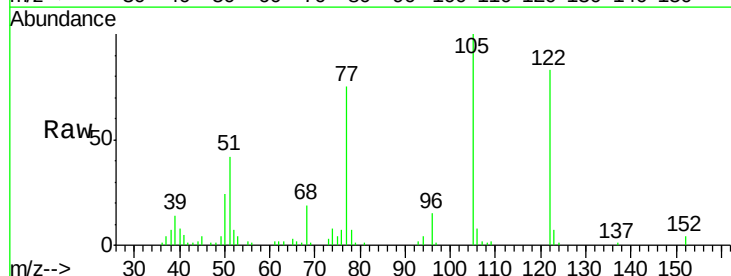
Instrument :
BNA_G
ClientSampleId :

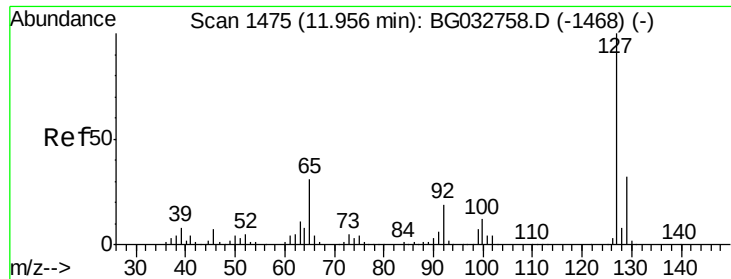
Tot Ion:128 Resp: 563711
Ion Ratio Lower Upper
128 100
129 11.4 8.6 12.8
127 13.8 11.6 17.4



#32
Benzoic acid
Concen: 33.213 ng
RT: 11.00 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BG032937.D
Acq: 2 Mar 2018 4:55

Tgt Ion:122 Resp: 77444
Ion Ratio Lower Upper
122 100
105 120.9 123.5 163.5#
77 90.6 85.7 125.7

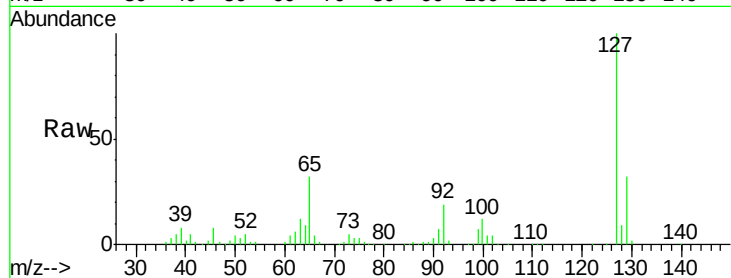




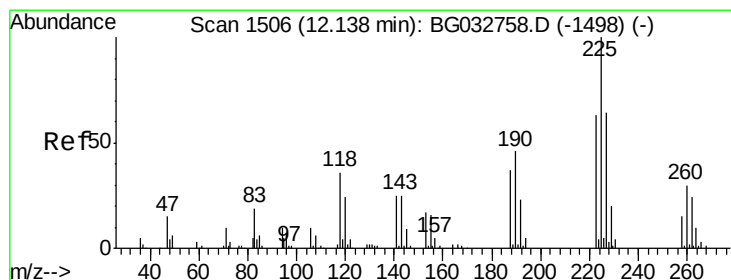
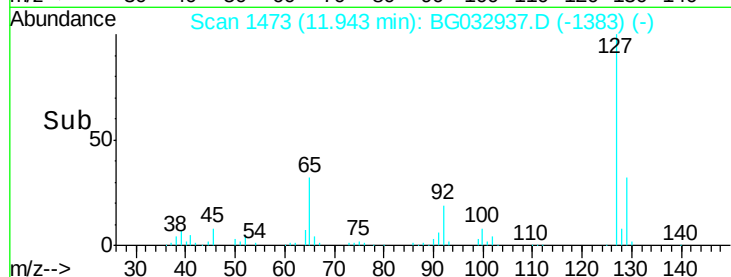
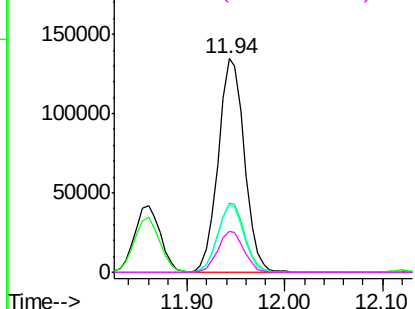
#33
4-Chloroaniline
Concen: 36.846 ng
RT: 11.94 min Scan# 1473
Delta R.T. -0.00 min
Lab File: BG032937.D
Acq: 2 Mar 2018 4:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	249965
Ion	Ratio	Lower	Upper
127	100		
129	32.1	24.0	36.0
65	32.1	27.0	40.4
92	18.9	16.6	25.0

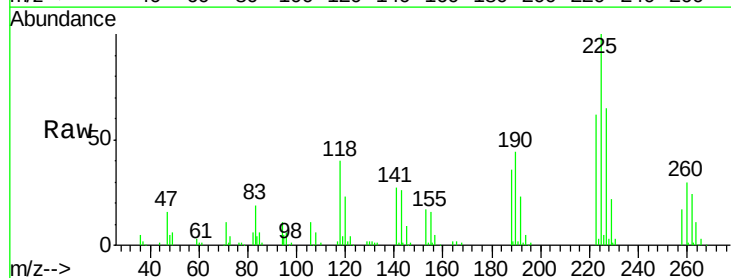


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

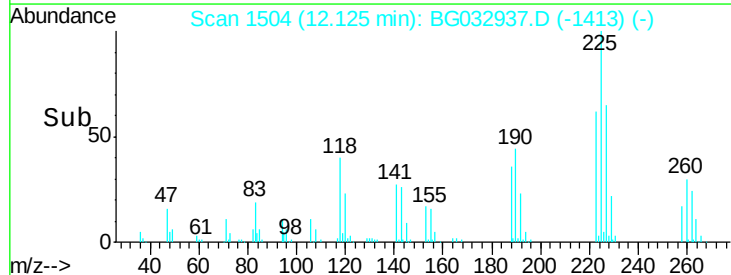
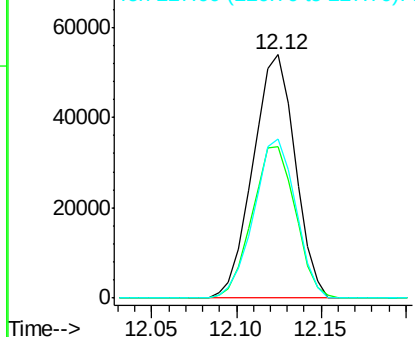


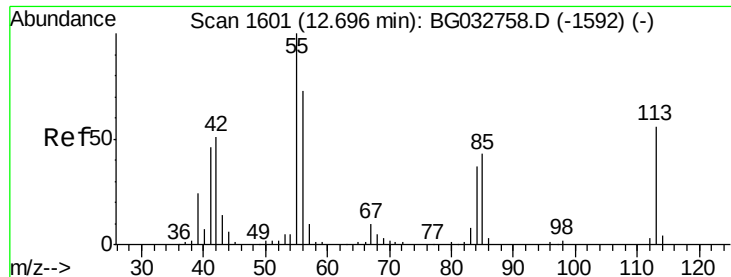
#34
Hexachlorobutadiene
Concen: 35.469 ng
RT: 12.12 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BG032937.D
Acq: 2 Mar 2018 4:55

Tgt Ion:	225	Resp:	93712
Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.7	74.5
227	65.3	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

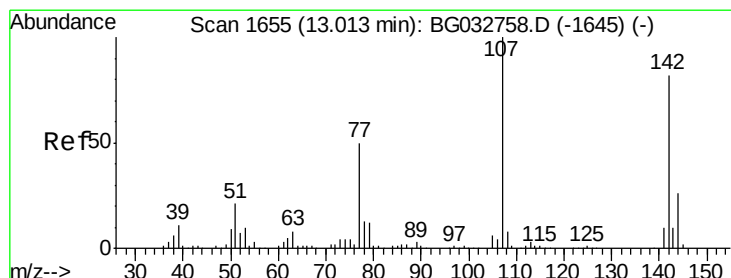
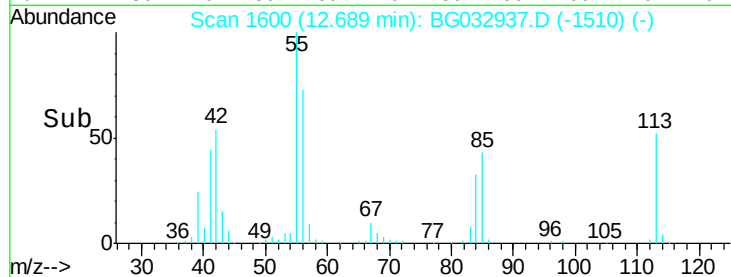
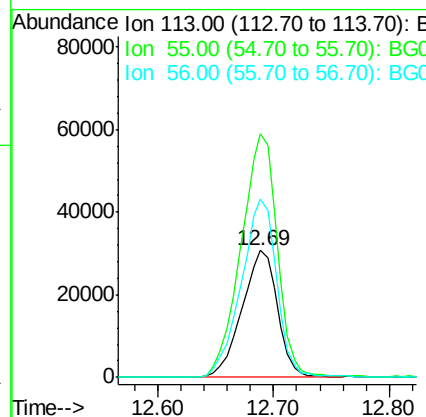
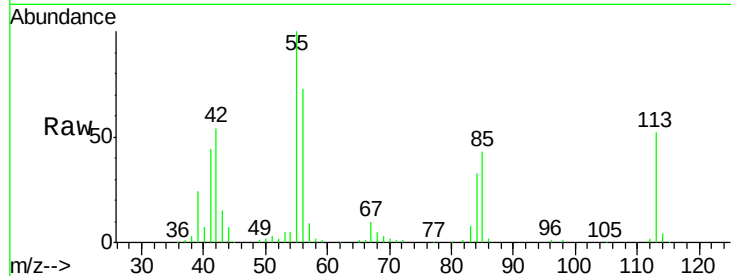




#35
 Caprolactam
 Concen: 40.679 ng
 RT: 12.69 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BG032937.D
 Acq: 2 Mar 2018 4:55

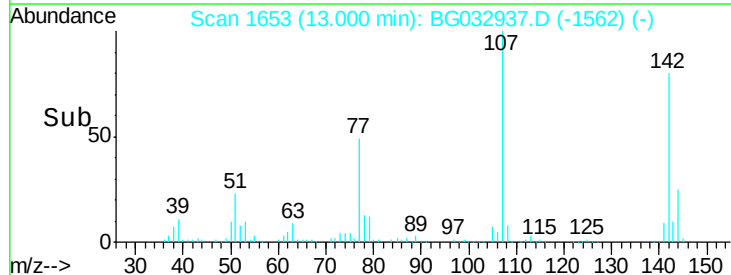
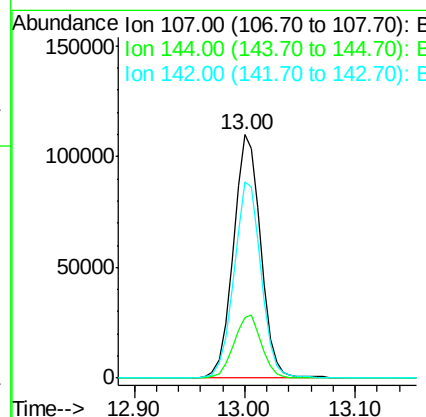
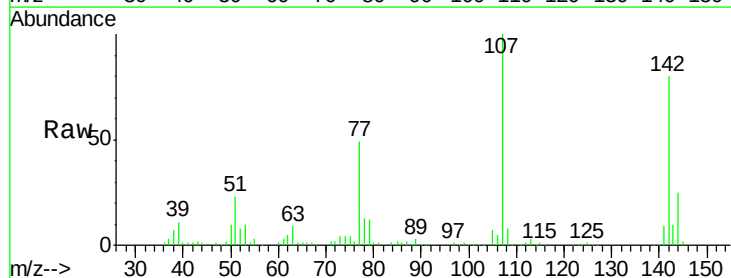
Instrument :
 BNA_G
 ClientSampled :

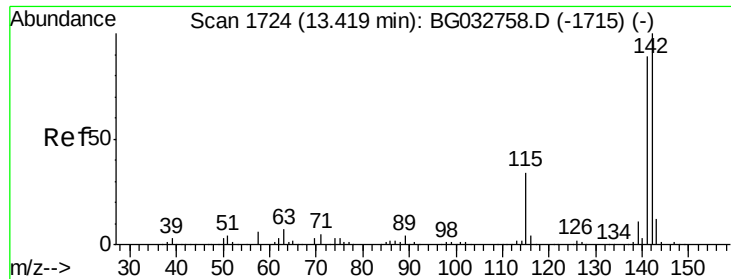
Tot Ion:113 Resp: 65451
 Ion Ratio Lower Upper
 113 100
 55 192.3 186.9 226.9
 56 140.6 130.9 170.9



#36
 4-Chloro-3-methylphenol
 Concen: 40.818 ng
 RT: 13.00 min Scan# 1653
 Delta R.T. 0.00 min
 Lab File: BG032937.D
 Acq: 2 Mar 2018 4:55

Tgt Ion:107 Resp: 190867
 Ion Ratio Lower Upper
 107 100
 144 24.9 18.2 27.4
 142 80.5 59.0 88.4

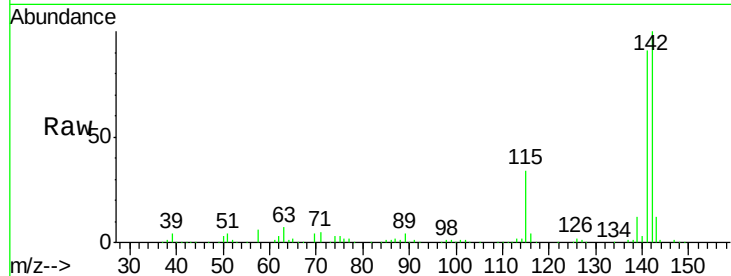




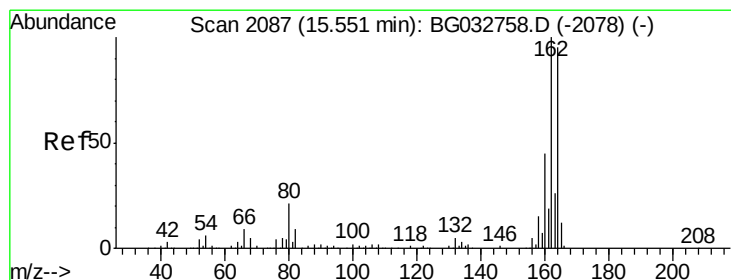
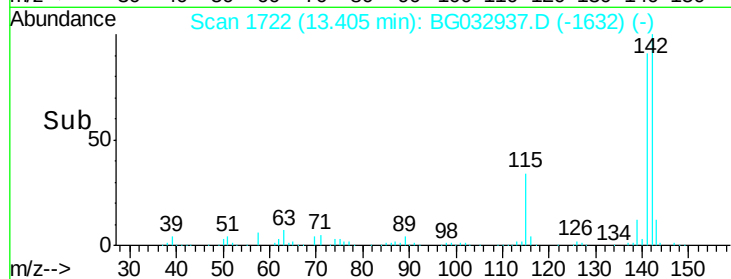
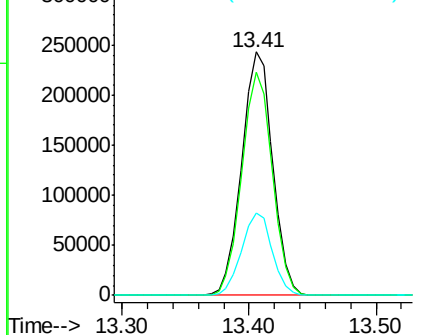
#37
2-Methylnaphthalene
Concen: 37.437 ng
RT: 13.41 min Scan# 1722
Delta R.T. -0.00 min
Lab File: BG032937.D
Acq: 2 Mar 2018 4:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 410950
Ion Ratio Lower Upper
142 100
141 91.4 67.1 100.7
115 33.9 30.7 46.1

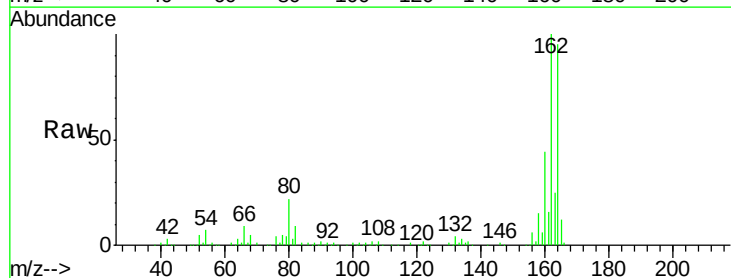


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

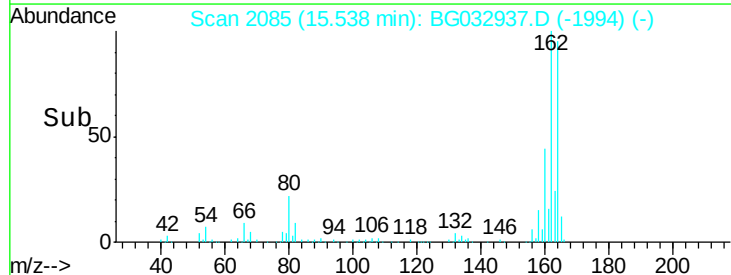
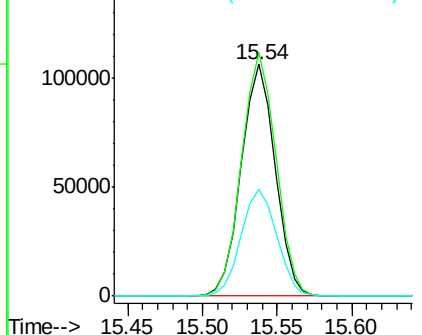


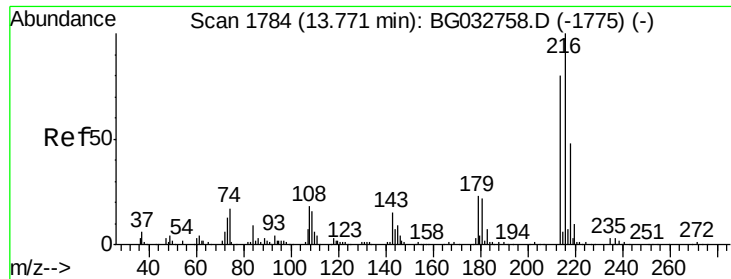
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.54 min Scan# 2085
Delta R.T. 0.00 min
Lab File: BG032937.D
Acq: 2 Mar 2018 4:55

Tgt Ion:164 Resp: 167364
Ion Ratio Lower Upper
164 100
162 105.0 78.8 118.2
160 45.9 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: 36.888 ng

RT: 13.76 min Scan# 1782

Delta R.T. 0.00 min

Lab File: BG032937.D

Acq: 2 Mar 2018 4:55

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 183268

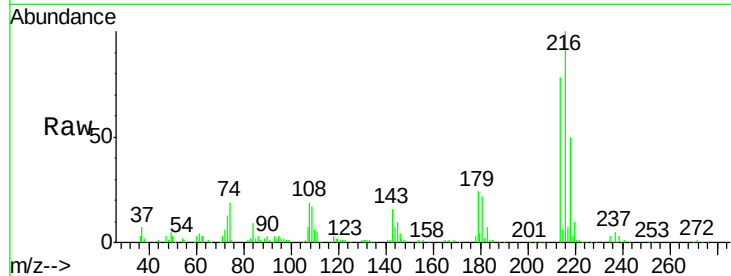
Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.0	94.4
179	23.1	17.0	25.6
108	21.1	12.8	19.2

216 100

214 78.8 63.0 94.4

179 23.1 17.0 25.6

108 21.1 12.8 19.2

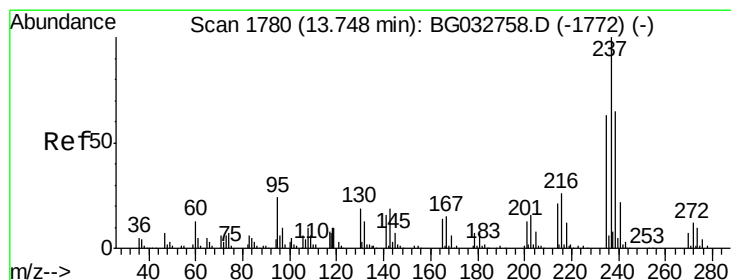
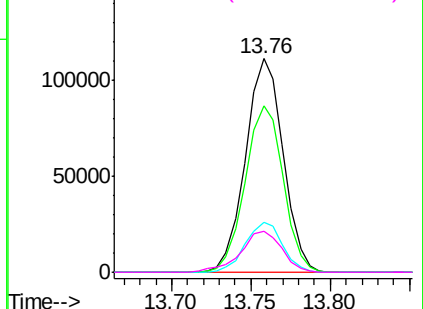
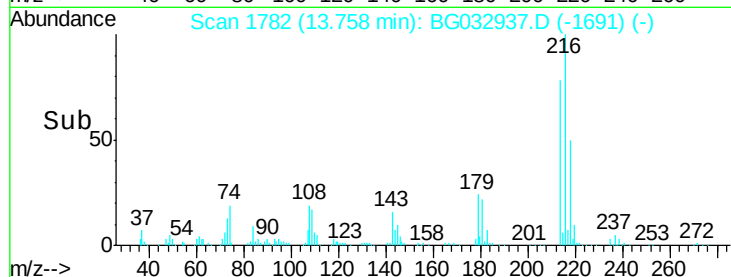


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 37.639 ng

RT: 13.73 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BG032937.D

Acq: 2 Mar 2018 4:55

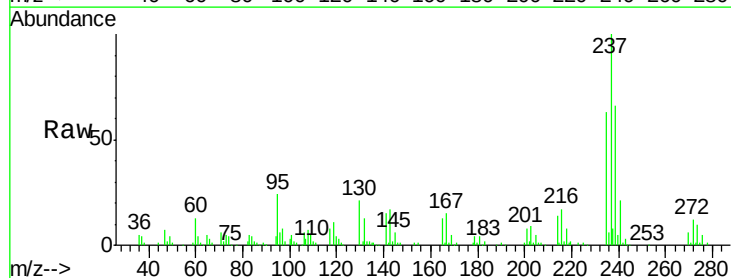
Tgt Ion:237 Resp: 95301

Ion	Ratio	Lower	Upper
237	100		
235	62.7	50.4	90.4
272	12.2	0.0	31.8

237 100

235 62.7 50.4 90.4

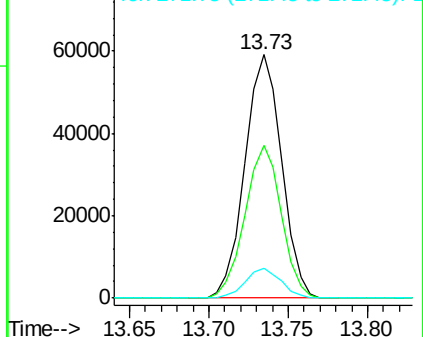
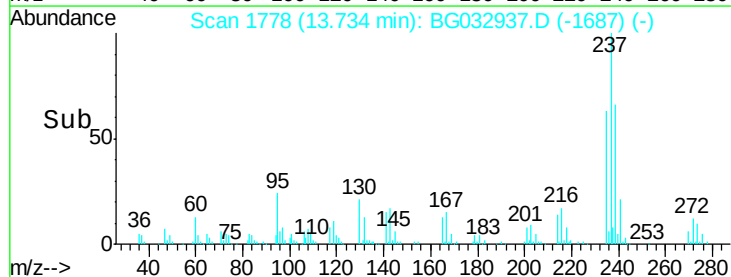
272 12.2 0.0 31.8

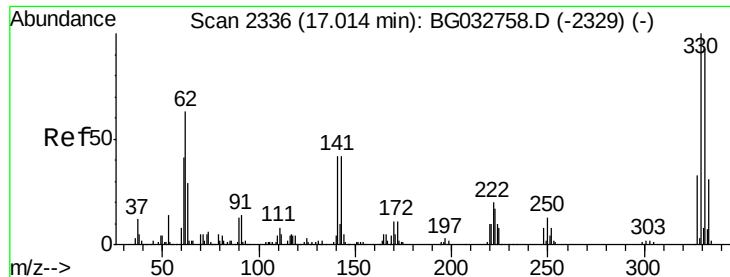


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

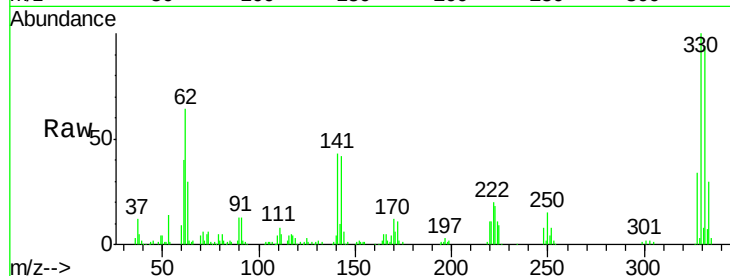




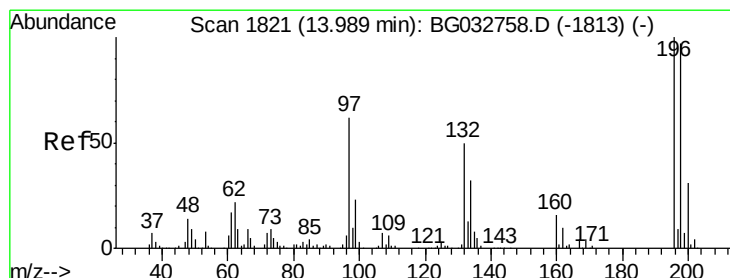
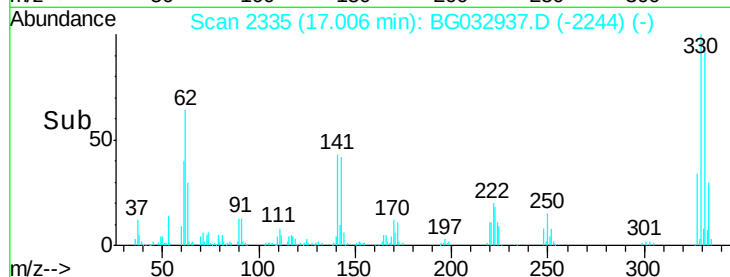
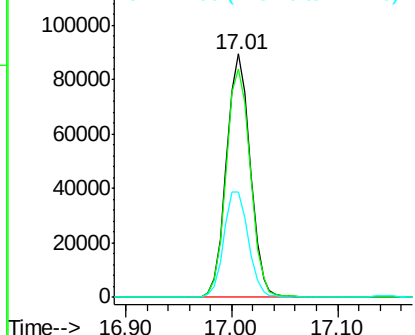
#41
 2,4,6-Tribromophenol
 Concen: 79.189 ng
 RT: 17.01 min Scan# 2335
 Delta R.T. 0.00 min
 Lab File: BG032937.D
 Acq: 2 Mar 2018 4:55

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 139355
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 44.8 25.2 37.8#

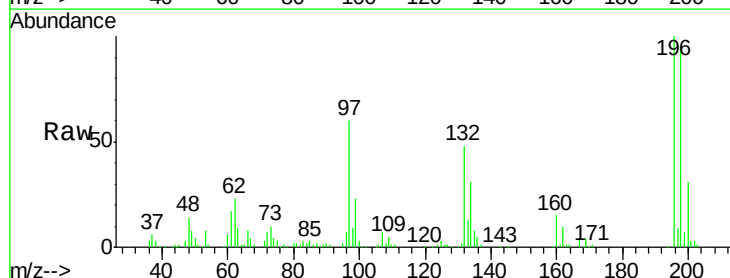


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

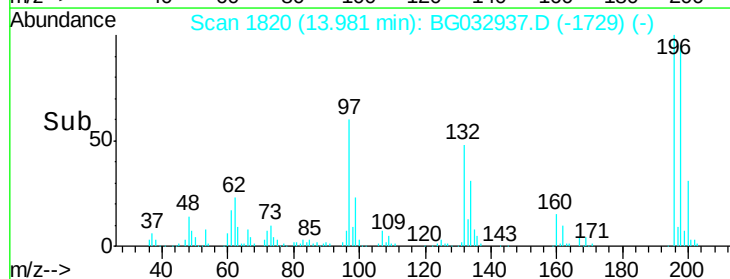
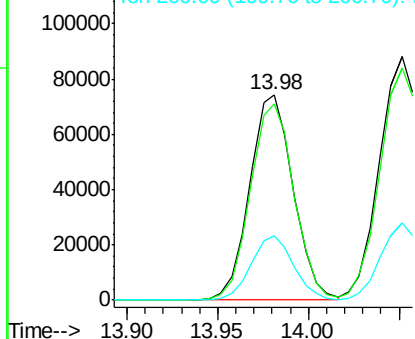


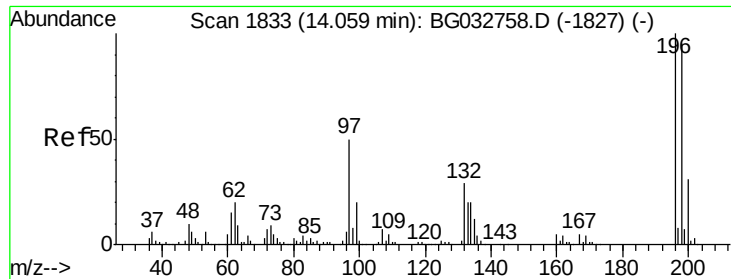
#42
 2,4,6-Trichlorophenol
 Concen: 39.725 ng
 RT: 13.98 min Scan# 1820
 Delta R.T. 0.00 min
 Lab File: BG032937.D
 Acq: 2 Mar 2018 4:55

Tgt Ion:196 Resp: 124466
 Ion Ratio Lower Upper
 196 100
 198 95.5 78.2 117.2
 200 31.2 24.6 36.8



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

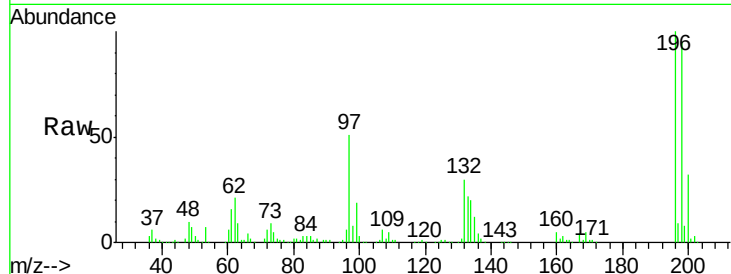




#43
 2,4,5-Trichlorophenol
 Concen: 41.003 ng
 RT: 14.05 min Scan# 1832
 Delta R.T. 0.00 min
 Lab File: BG032937.D
 Acq: 2 Mar 2018 4:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.2	114.4
97	51.2	38.7	58.1
132	29.8	20.2	30.2



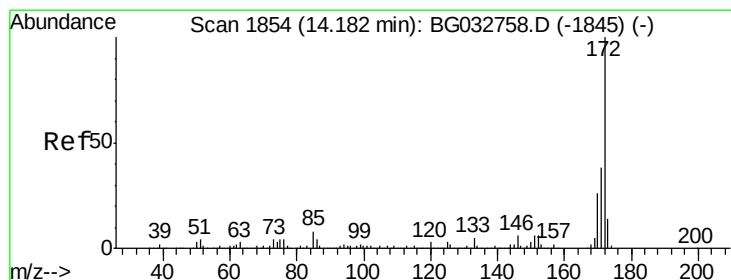
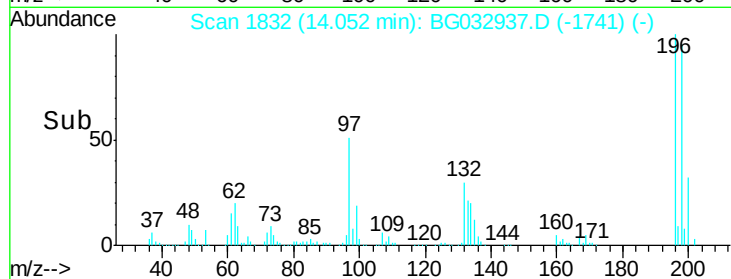
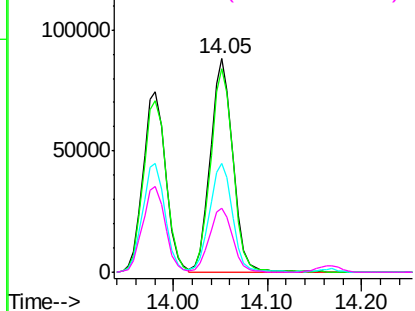
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

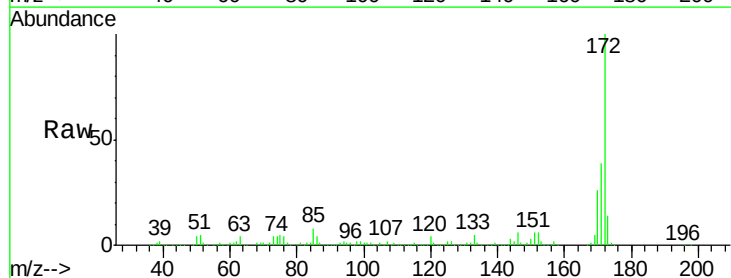
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 73.423 ng
 RT: 14.16 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: BG032937.D
 Acq: 2 Mar 2018 4:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.0	45.0
170	26.0	19.5	29.3

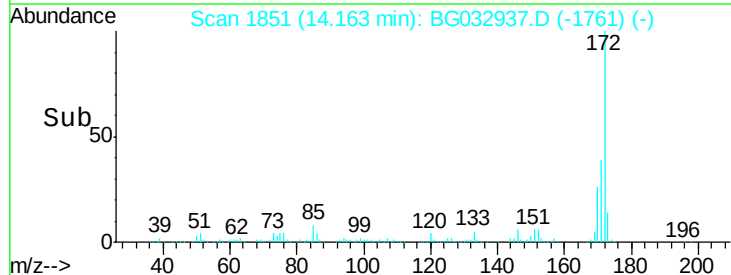
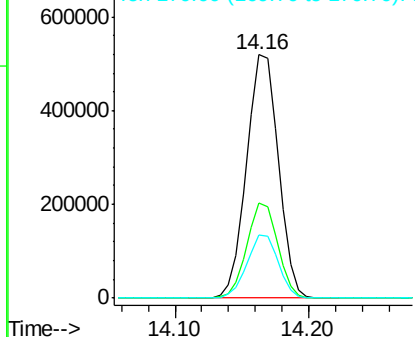


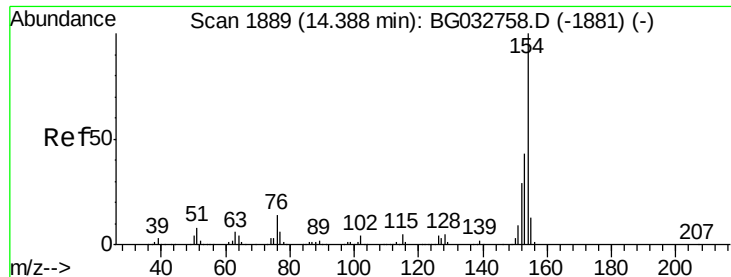
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

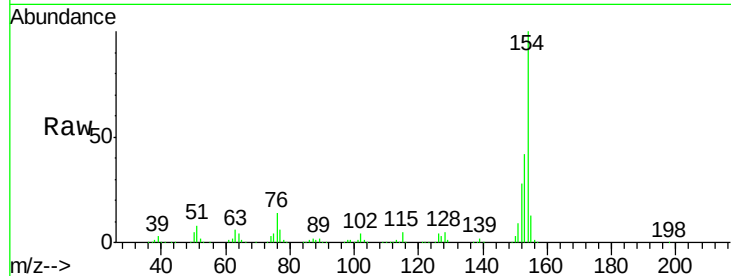




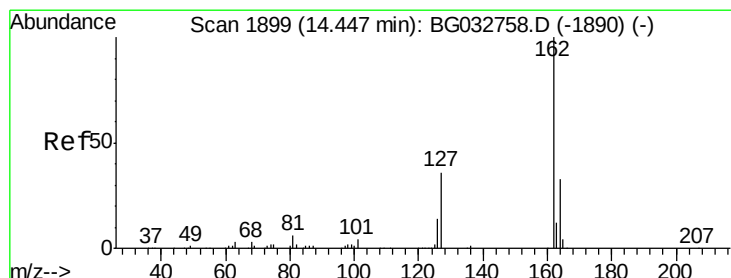
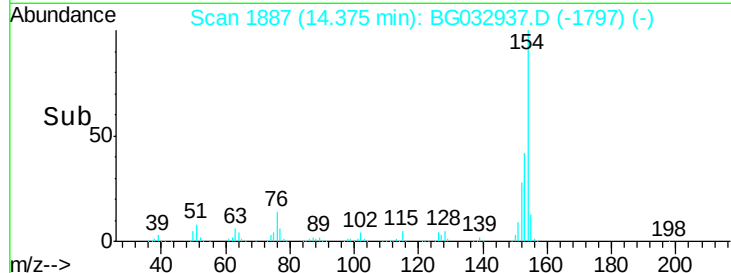
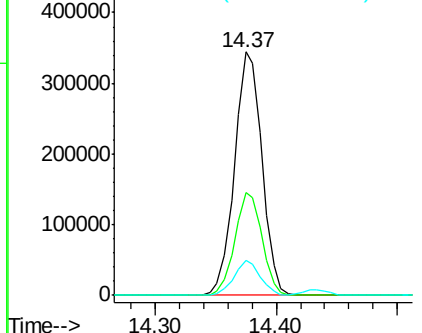
#45
 1,1'-Biphenyl
 Concen: 37.096 ng
 RT: 14.37 min Scan# 1887
 Delta R.T. -0.00 min
 Lab File: BG032937.D
 Acq: 2 Mar 2018 4:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.1	19.8	59.8
76	14.2	0.0	31.9

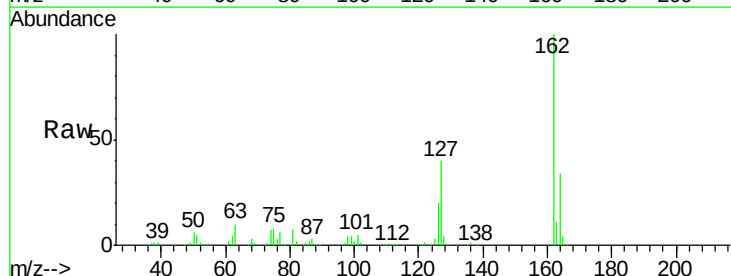


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

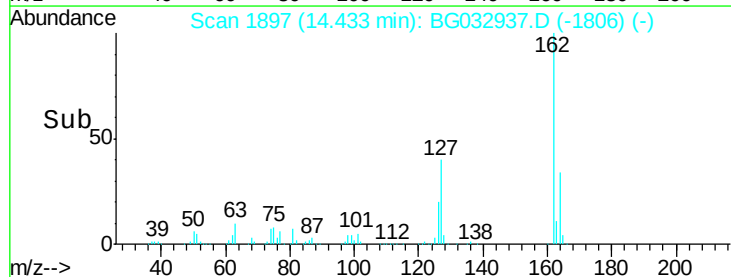
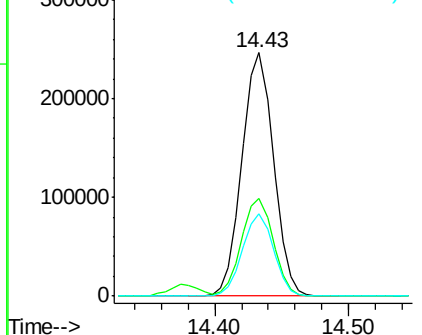


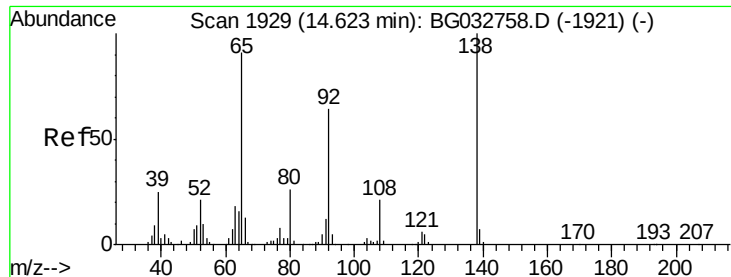
#46
 2-Chloronaphthalene
 Concen: 36.885 ng
 RT: 14.43 min Scan# 1897
 Delta R.T. 0.00 min
 Lab File: BG032937.D
 Acq: 2 Mar 2018 4:55

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.0	30.7	46.1
164	33.6	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

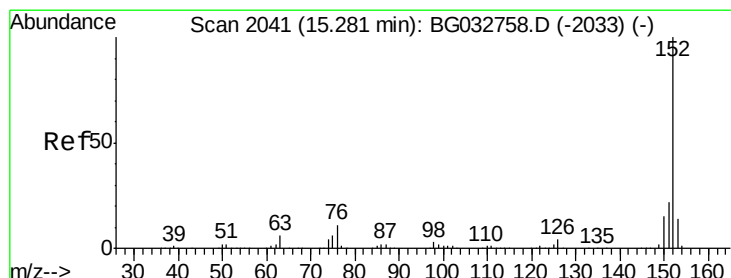
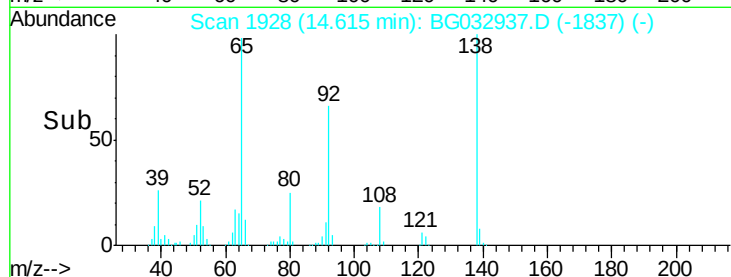
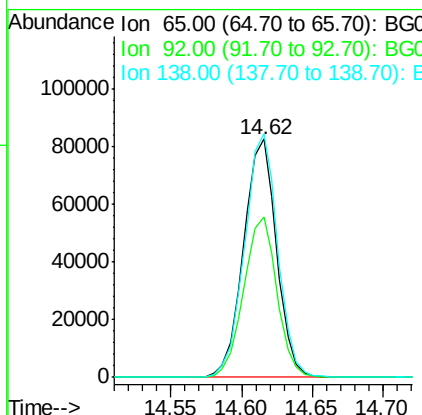
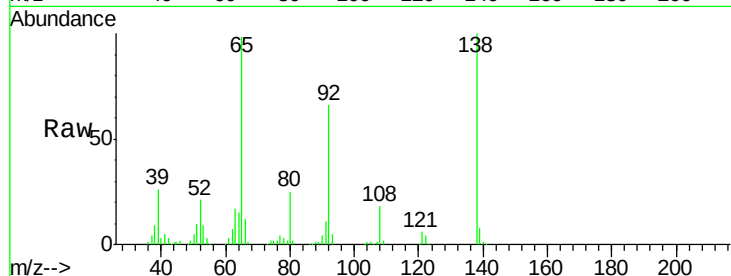




#47
2-Nitroaniline
Concen: 48.862 ng
RT: 14.62 min Scan# 1928
Delta R.T. 0.00 min
Lab File: BG032937.D
Acq: 2 Mar 2018 4:55

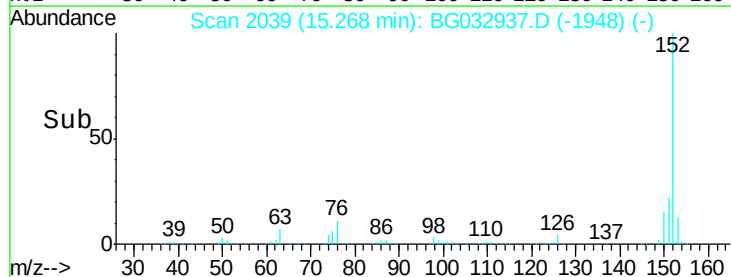
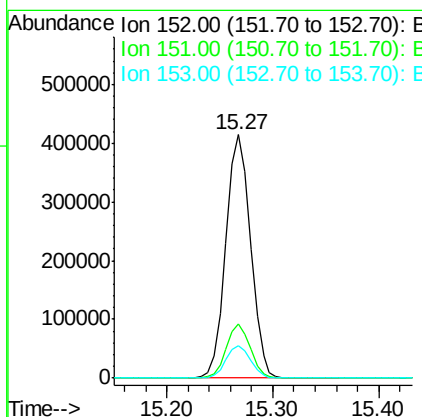
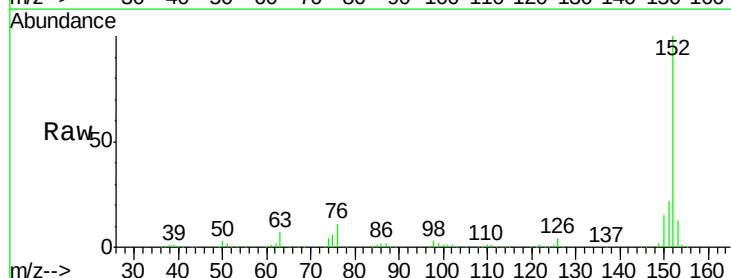
Instrument :
BNA_G
ClientSampled :

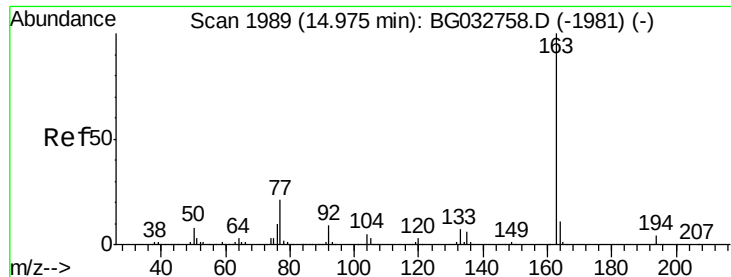
Tot Ion: 65 Resp: 135234
Ion Ratio Lower Upper
65 100
92 67.4 54.6 82.0
138 102.2 72.9 109.3



#48
Acenaphthylene
Concen: 37.317 ng
RT: 15.27 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BG032937.D
Acq: 2 Mar 2018 4:55

Tgt Ion: 152 Resp: 667465
Ion Ratio Lower Upper
152 100
151 22.1 17.2 25.8
153 13.4 10.2 15.4





#49

Dimethylphthalate

Concen: 36.916 ng

RT: 14.96 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BG032937.D

Acq: 2 Mar 2018 4:55

Instrument :

BNA_G

ClientSampleId :

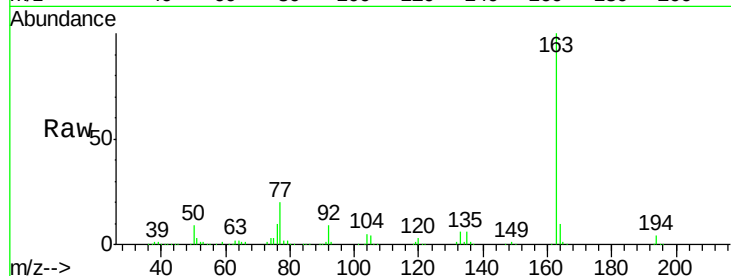
Tot Ion:163 Resp: 524606

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

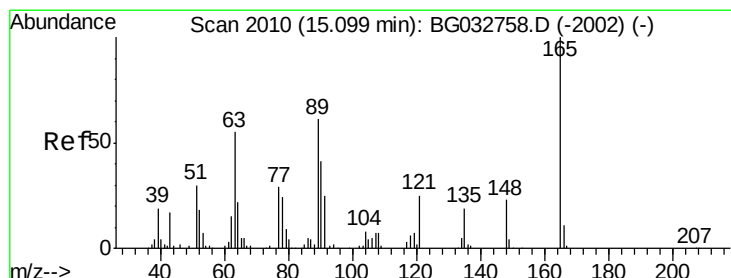
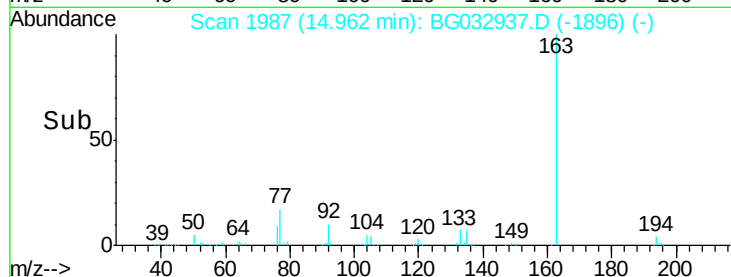
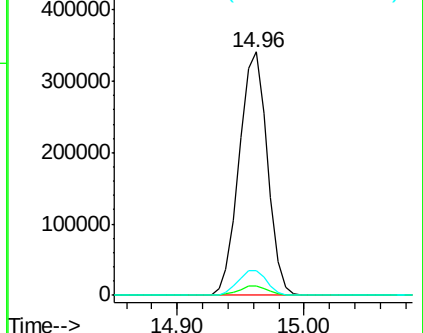
164 10.1 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 48.193 ng

RT: 15.09 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BG032937.D

Acq: 2 Mar 2018 4:55

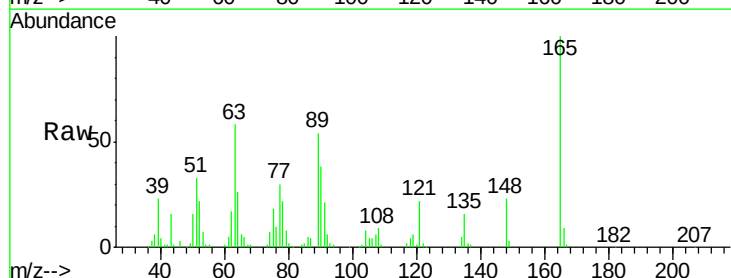
Tgt Ion:165 Resp: 113458

Ion Ratio Lower Upper

165 100

63 58.1 52.7 79.1

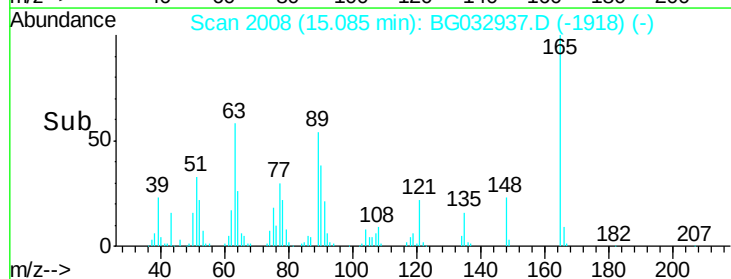
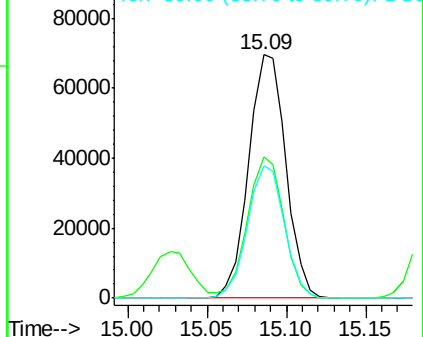
89 54.1 49.2 73.8

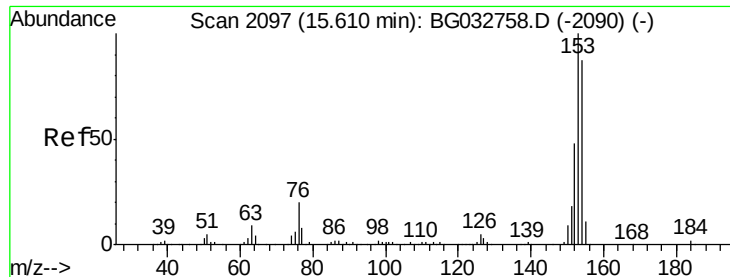


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 36.443 ng

RT: 15.60 min Scan# 2096

Delta R.T. 0.00 min

Lab File: BG032937.D

Acq: 2 Mar 2018 4:55

Instrument :

BNA_G

ClientSampleId :

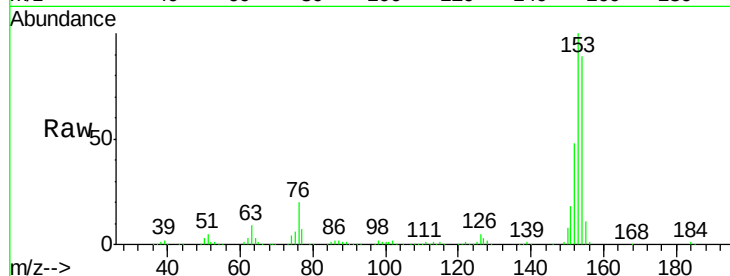
Tot Ion:154 Resp: 405947

Ion Ratio Lower Upper

154 100

153 112.6 90.4 135.6

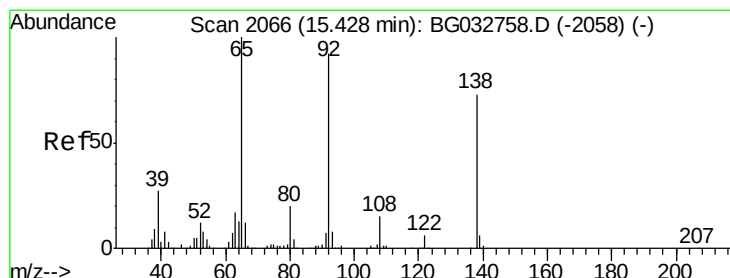
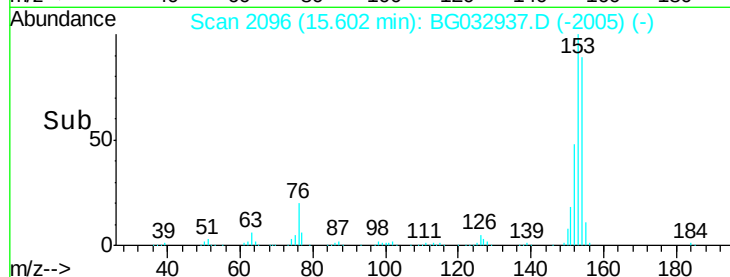
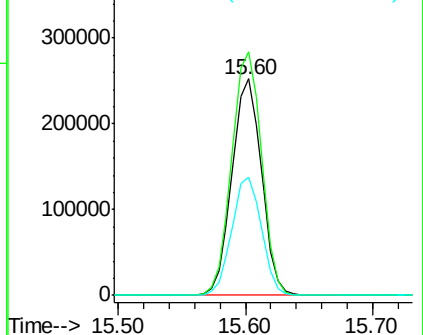
152 54.4 41.6 62.4



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: 44.958 ng

RT: 15.42 min Scan# 2065

Delta R.T. 0.00 min

Lab File: BG032937.D

Acq: 2 Mar 2018 4:55

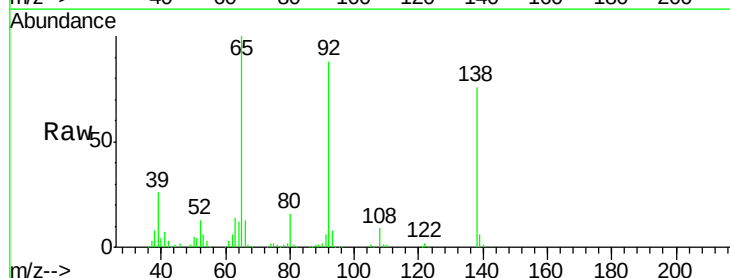
Tgt Ion:138 Resp: 129172

Ion Ratio Lower Upper

138 100

108 11.6 17.5 26.3#

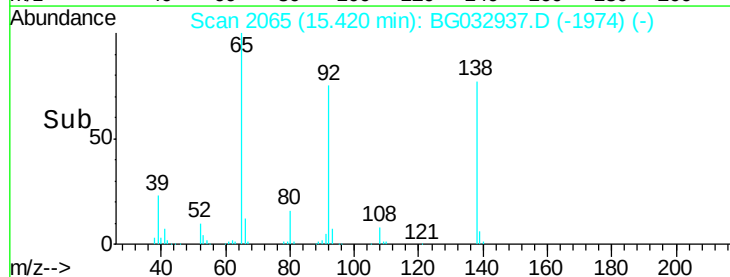
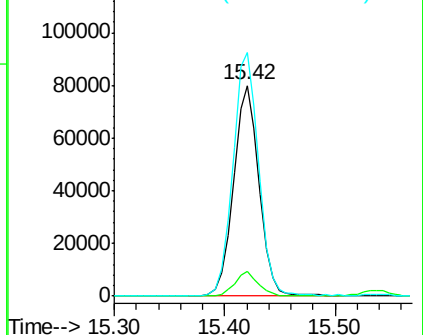
92 115.6 105.8 158.8

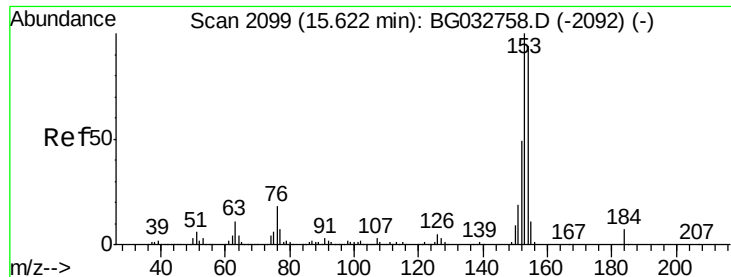


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#53

2,4-Dinitrophenol

Concen: 18.614 ng

RT: 15.62 min Scan# 2099

Delta R.T. 0.01 min

Lab File: BG032937.D

Acq: 2 Mar 2018 4:55

Instrument :

BNA_G

ClientSampleId :

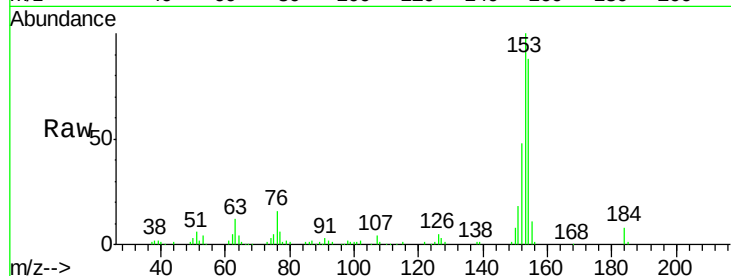
Tot Ion:184 Resp: 8670

Ion Ratio Lower Upper

184 100

63 150.9 59.8 89.8#

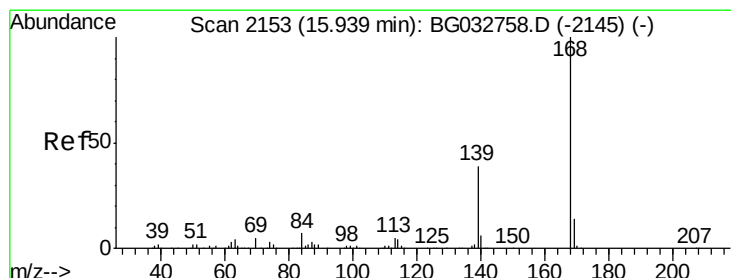
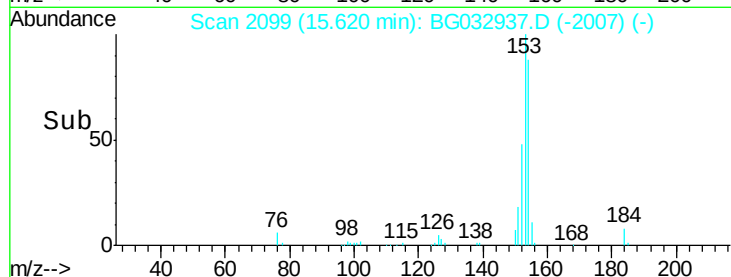
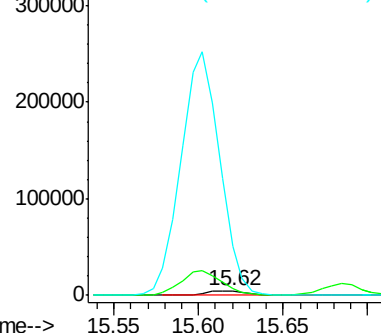
154 1063.4 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG032937.D (-2092) (-)

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 37.097 ng

RT: 15.93 min Scan# 2151

Delta R.T. 0.00 min

Lab File: BG032937.D

Acq: 2 Mar 2018 4:55

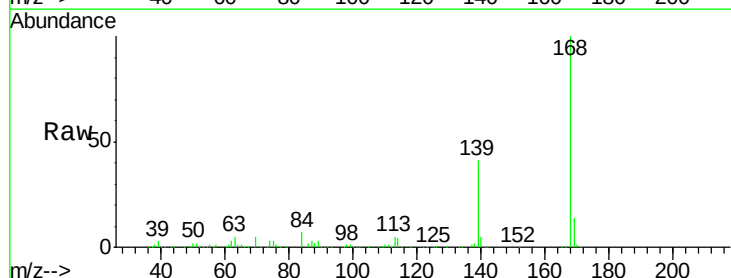
Tgt Ion:168 Resp: 588399

Ion Ratio Lower Upper

168 100

139 40.8 28.6 43.0

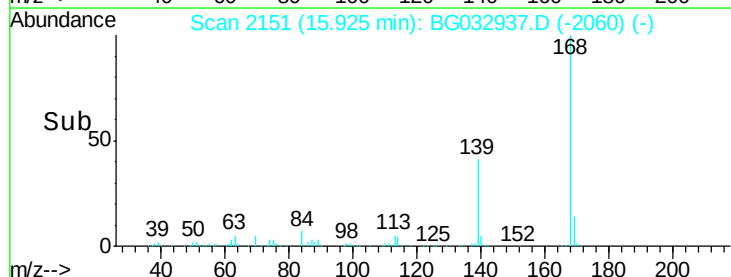
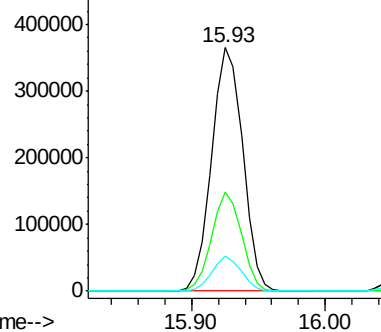
169 14.2 11.2 16.8

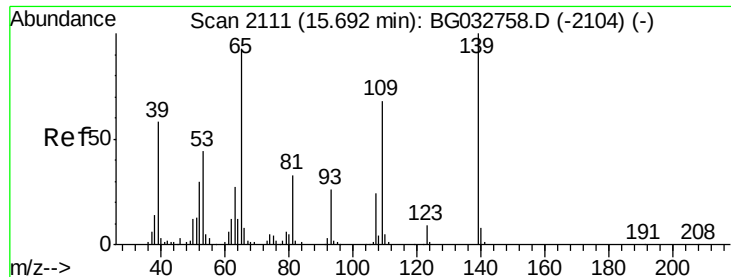


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

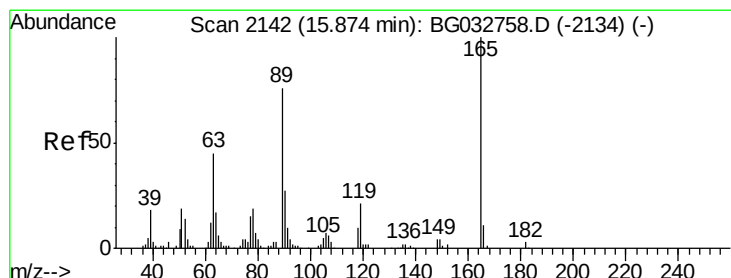
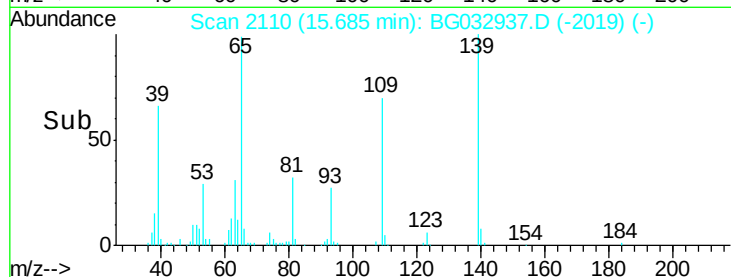
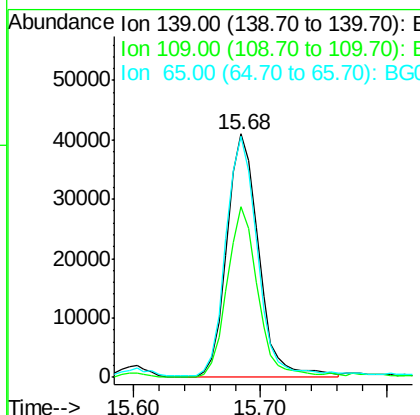
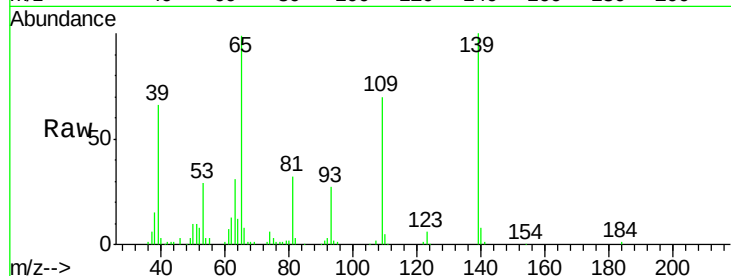




#55
4-Nitrophenol
Concen: 35.114 ng
RT: 15.68 min Scan# 2110
Delta R.T. 0.00 min
Lab File: BG032937.D
Acq: 2 Mar 2018 4:55

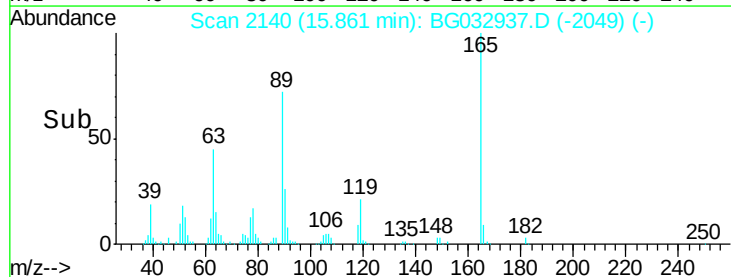
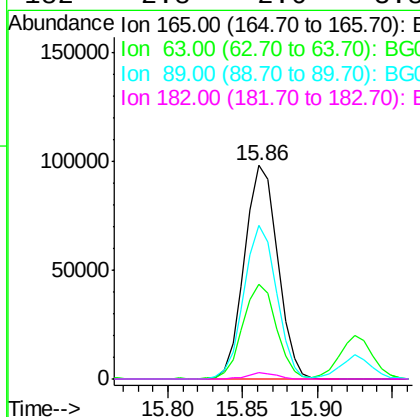
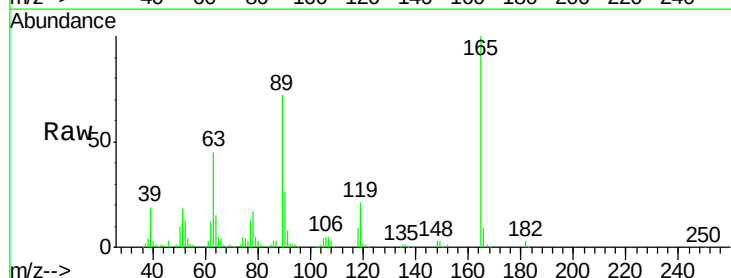
Instrument :
BNA_G
ClientSampleId :

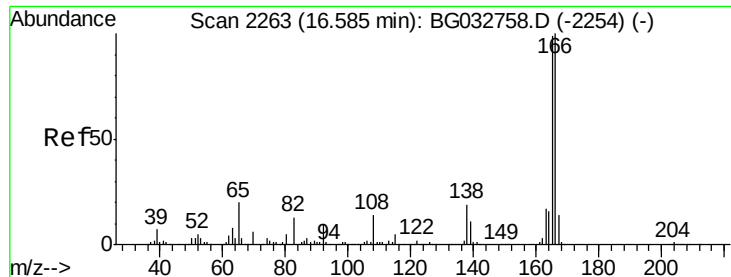
Tot Ion:139 Resp: 71572
Ion Ratio Lower Upper
139 100
109 70.2 62.2 102.2
65 98.8 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 53.669 ng
RT: 15.86 min Scan# 2140
Delta R.T. 0.00 min
Lab File: BG032937.D
Acq: 2 Mar 2018 4:55

Tgt Ion:165 Resp: 152017
Ion Ratio Lower Upper
165 100
63 44.5 42.0 63.0
89 71.9 66.9 100.3
182 2.8 2.6 3.8





#57

Fluorene

Concen: 36.921 ng

RT: 16.57 min Scan# 2261

Delta R.T. 0.00 min

Lab File: BG032937.D

Acq: 2 Mar 2018 4:55

Instrument :

BNA_G

ClientSampleId :

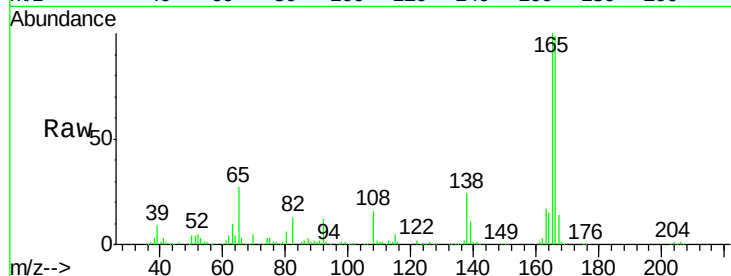
Tot Ion:166 Resp: 483343

Ion Ratio Lower Upper

166 100

165 101.3 80.6 121.0

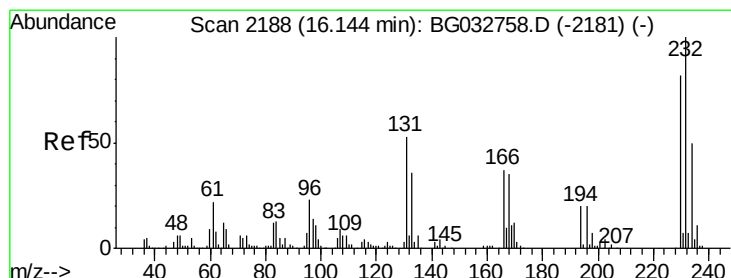
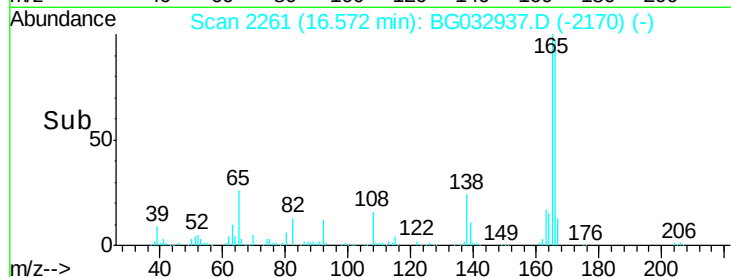
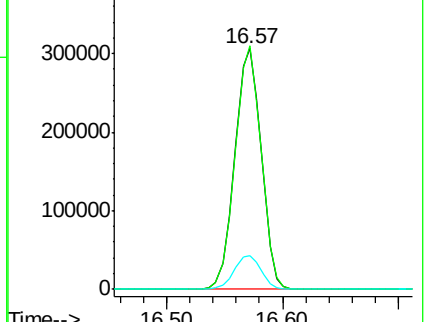
167 14.0 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.303 ng

RT: 16.05 min Scan# 2173

Delta R.T. -0.08 min

Lab File: BG032937.D

Acq: 2 Mar 2018 4:55

Tgt Ion:232 Resp: 113469

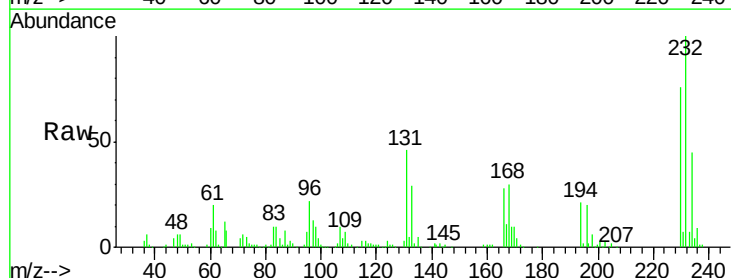
Ion Ratio Lower Upper

232 100

131 46.4 33.5 50.3

130 2.8 2.2 3.2

166 28.5 24.8 37.2

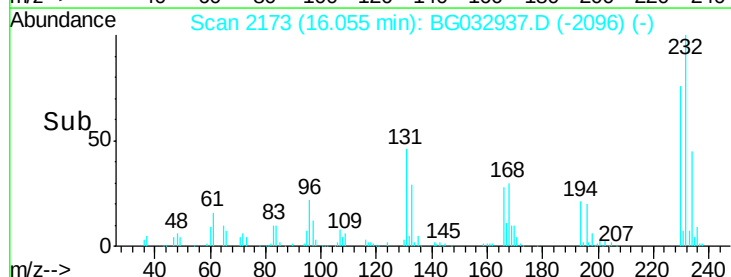
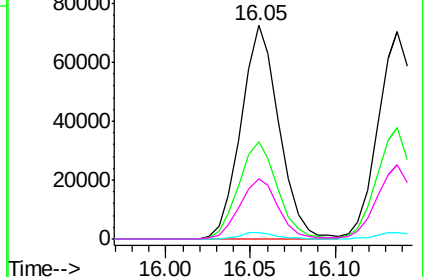


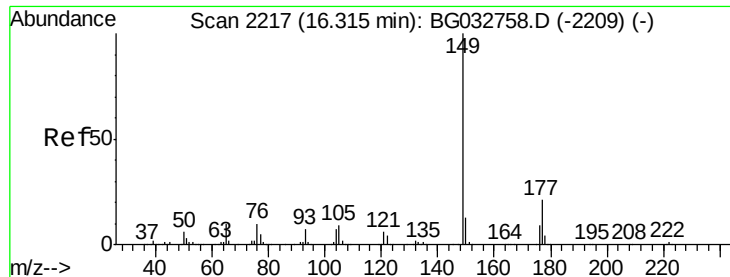
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

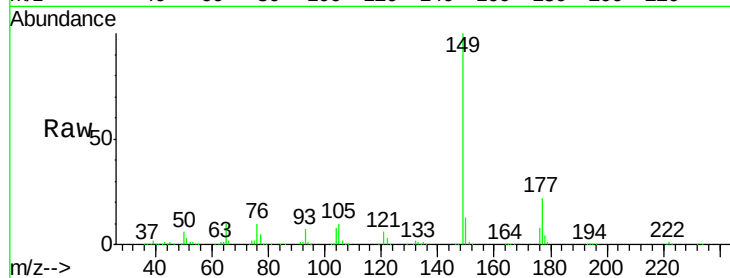




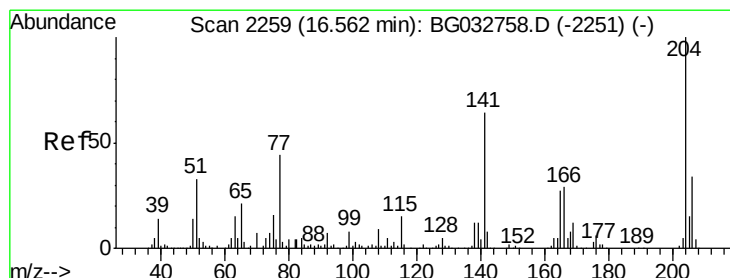
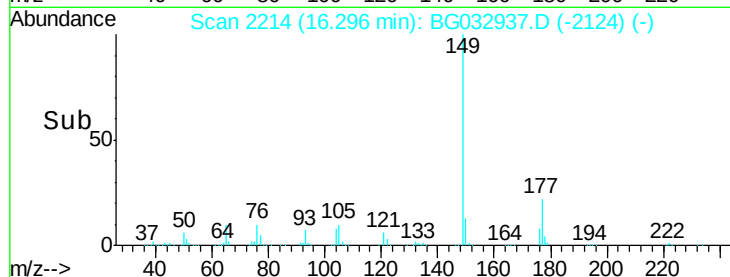
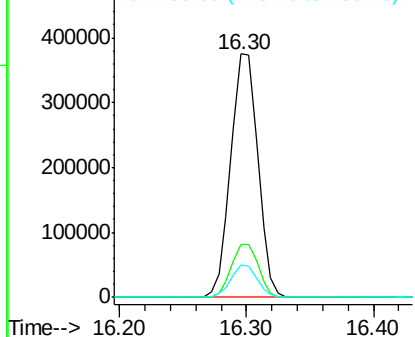
#59
Diethylphthalate
Concen: 36.996 ng
RT: 16.30 min Scan# 2214
Delta R.T. -0.00 min
Lab File: BG032937.D
Acq: 2 Mar 2018 4:55

Instrument :
BNA_G
ClientSampled :

Tot Ion:149 Resp: 554517
Ion Ratio Lower Upper
149 100
177 21.7 18.5 27.7
150 13.3 10.2 15.2

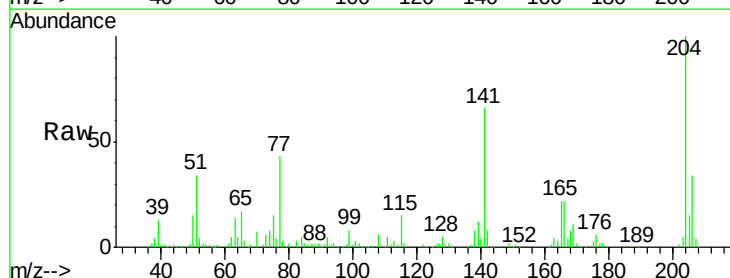


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

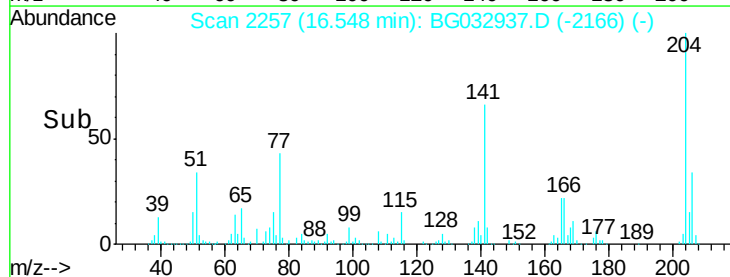
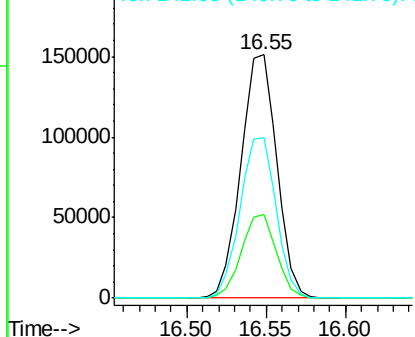


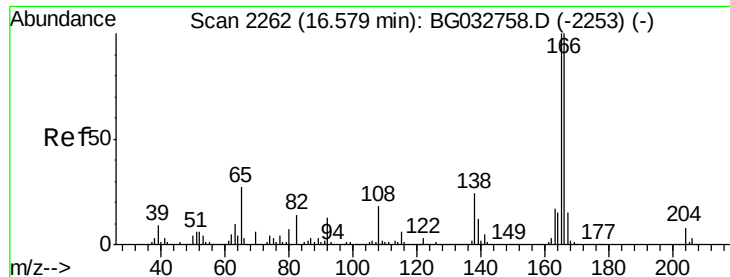
#60
4-Chlorophenyl-phenylether
Concen: 37.147 ng
RT: 16.55 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BG032937.D
Acq: 2 Mar 2018 4:55

Tgt Ion:204 Resp: 237895
Ion Ratio Lower Upper
204 100
206 34.4 26.2 39.2
141 65.9 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: 41.903 ng

RT: 16.57 min Scan# 2261

Delta R.T. 0.00 min

Lab File: BG032937.D

Acq: 2 Mar 2018 4:55

Instrument :

BNA_G

ClientSampled :

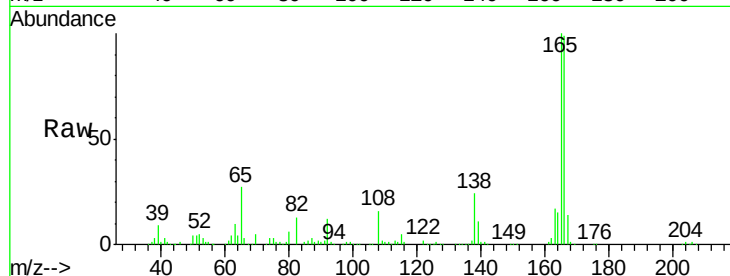
Tot Ion:138 Resp: 126582

Ion Ratio Lower Upper

138 100

92 48.7 40.1 80.1

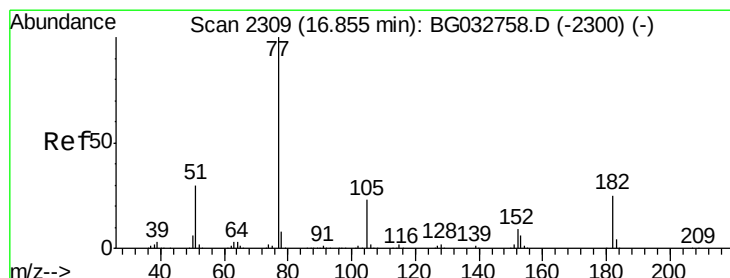
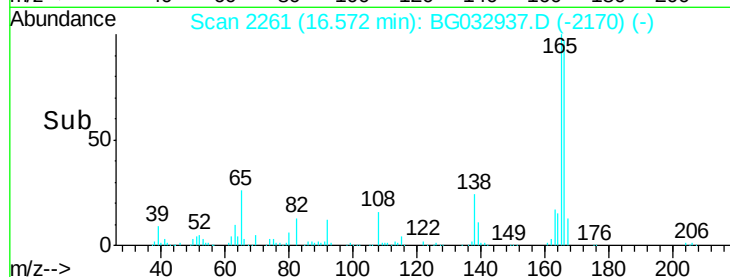
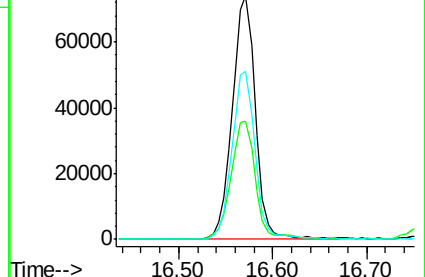
108 68.8 65.4 105.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.014 ng

RT: 16.84 min Scan# 2306

Delta R.T. 0.00 min

Lab File: BG032937.D

Acq: 2 Mar 2018 4:55

Tgt Ion: 77 Resp: 496321

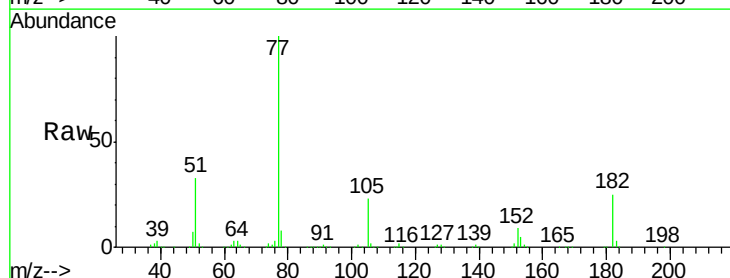
Ion Ratio Lower Upper

77 100

182 24.8 7.4 47.4

105 22.5 0.3 40.3

51 32.9 11.6 51.6

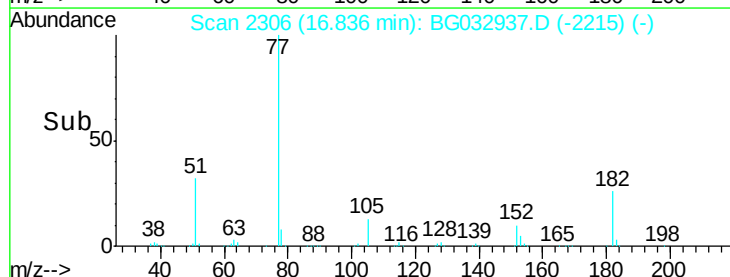
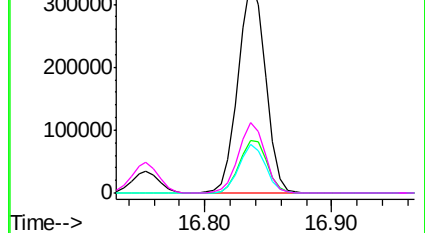


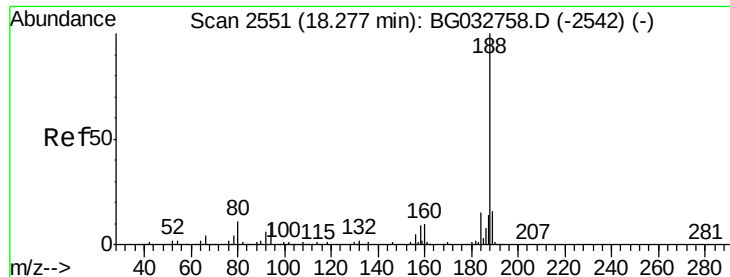
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.26 min Scan# 2549

Delta R.T. 0.00 min

Lab File: BG032937.D

Acq: 2 Mar 2018 4:55

Instrument :

BNA_G

ClientSampleId :

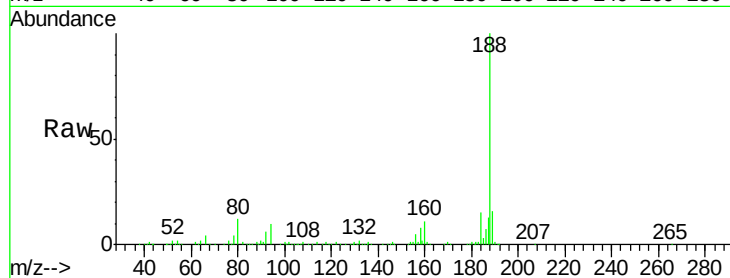
Tot Ion:188 Resp: 360979

Ion Ratio Lower Upper

188 100

94 9.9 6.9 10.3

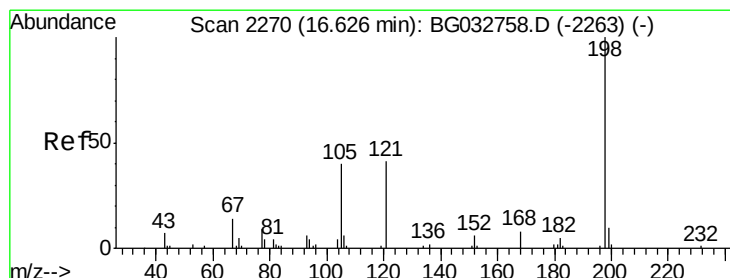
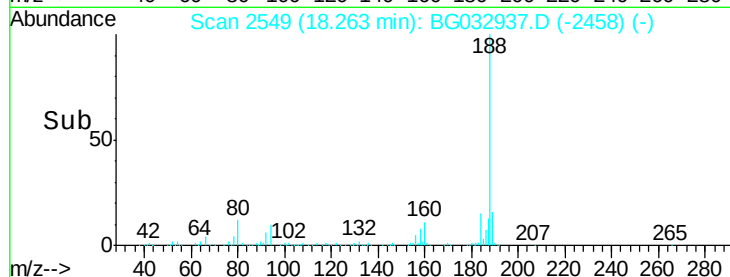
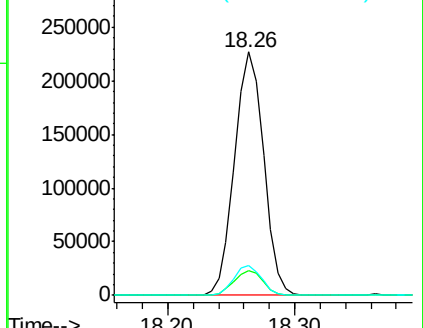
80 12.2 7.7 11.5#



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: 39.836 ng

RT: 16.62 min Scan# 2269

Delta R.T. 0.00 min

Lab File: BG032937.D

Acq: 2 Mar 2018 4:55

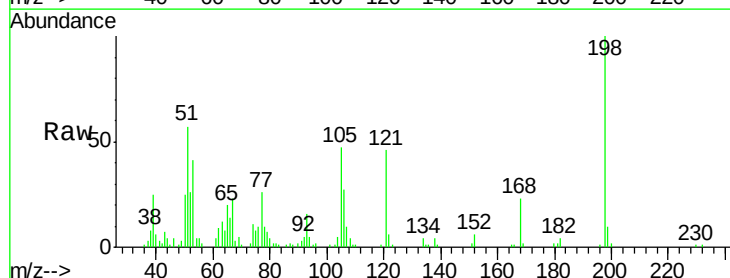
Tgt Ion:198 Resp: 38652

Ion Ratio Lower Upper

198 100

51 56.6 30.6 70.6

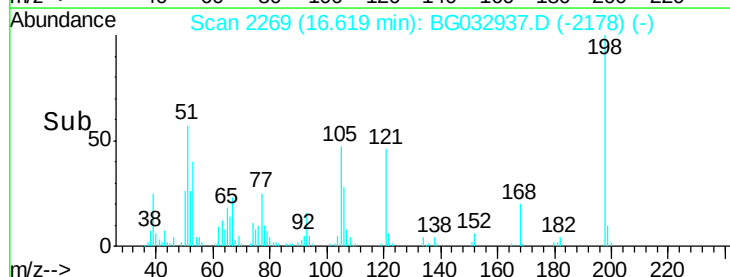
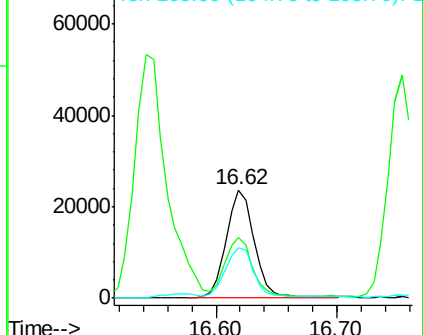
105 46.6 23.8 63.8

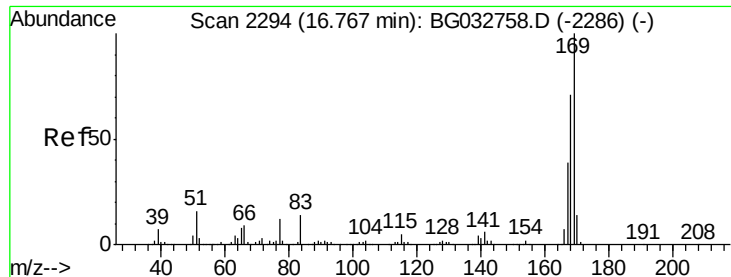


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.644 ng

RT: 16.75 min Scan# 2292

Delta R.T. 0.00 min

Lab File: BG032937.D

Acq: 2 Mar 2018 4:55

Instrument :

BNA_G

ClientSampleId :

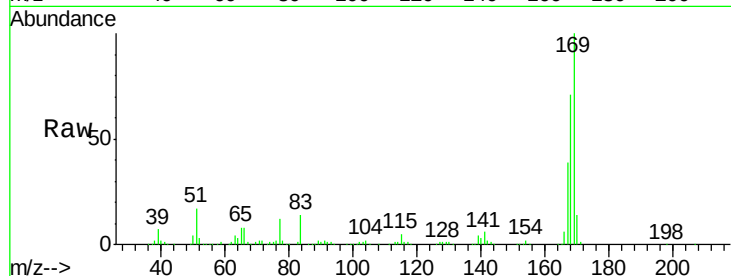
Tot Ion:169 Resp: 442062

Ion Ratio Lower Upper

169 100

168 71.3 55.7 83.5

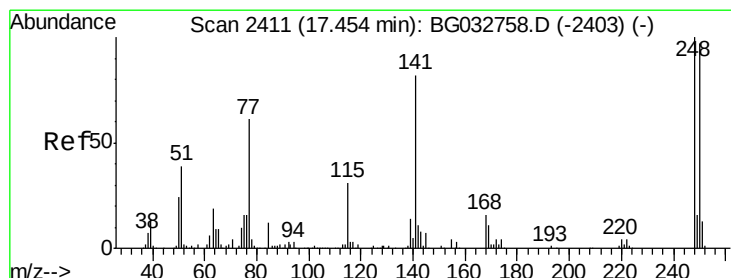
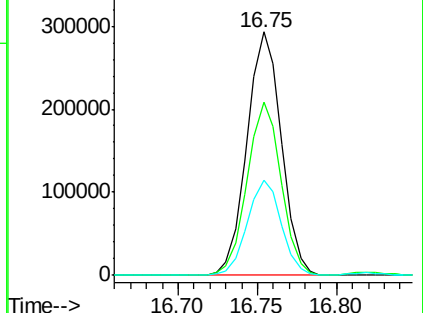
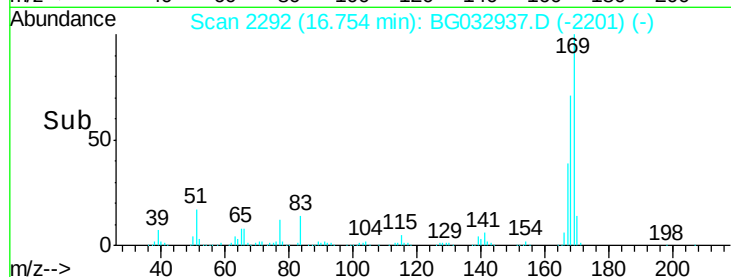
167 39.0 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 36.339 ng

RT: 17.44 min Scan# 2409

Delta R.T. 0.01 min

Lab File: BG032937.D

Acq: 2 Mar 2018 4:55

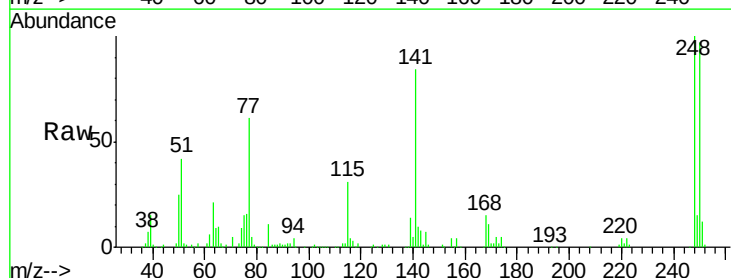
Tgt Ion:248 Resp: 138706

Ion Ratio Lower Upper

248 100

250 97.0 77.1 115.7

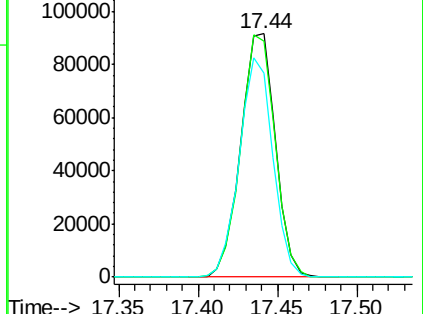
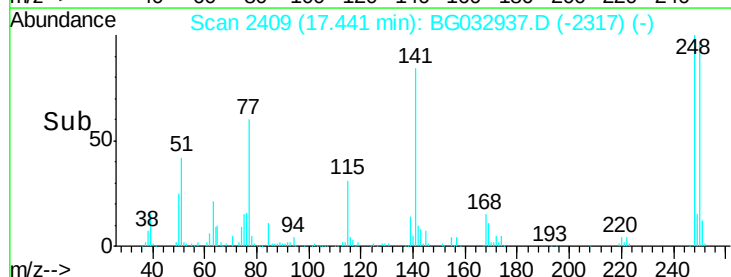
141 83.7 50.8 76.2#

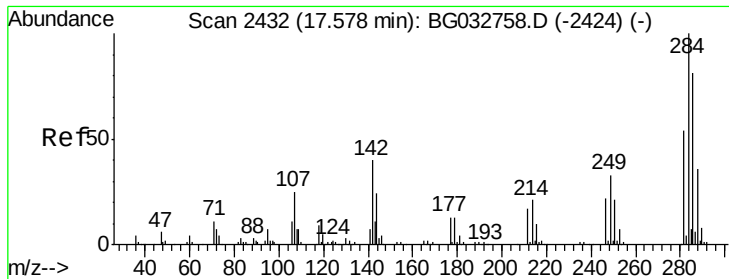


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 36.476 ng

RT: 17.56 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BG032937.D

Acq: 2 Mar 2018 4:55

Instrument :

BNA_G

ClientSampleId :

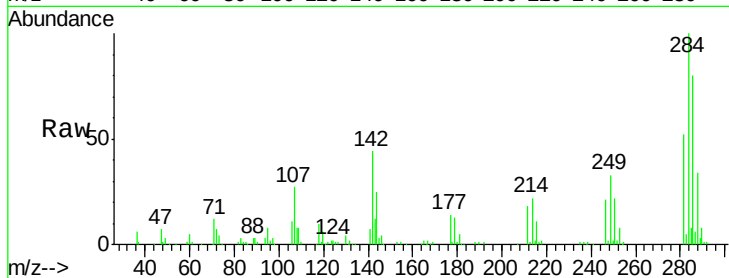
Tot Ion:284 Resp: 150456

Ion Ratio Lower Upper

284 100

142 43.7 26.8 40.2#

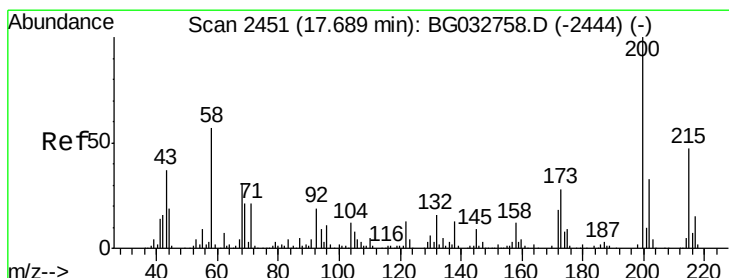
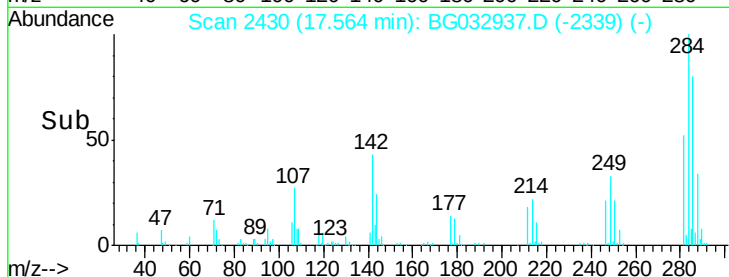
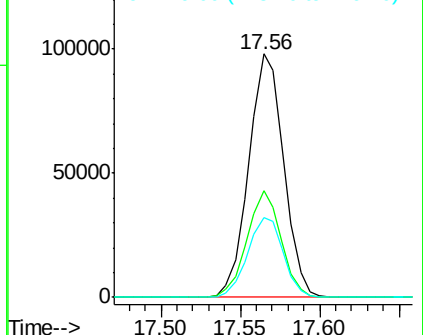
249 32.8 26.3 39.5



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: 36.166 ng

RT: 17.68 min Scan# 2449

Delta R.T. 0.00 min

Lab File: BG032937.D

Acq: 2 Mar 2018 4:55

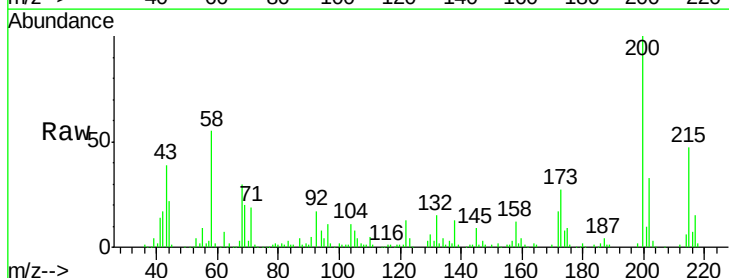
Tgt Ion:200 Resp: 139798

Ion Ratio Lower Upper

200 100

173 27.3 5.2 45.2

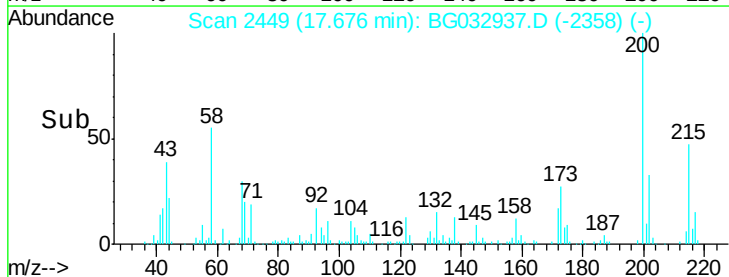
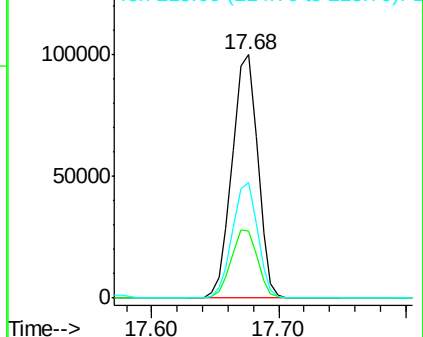
215 47.3 30.4 70.4

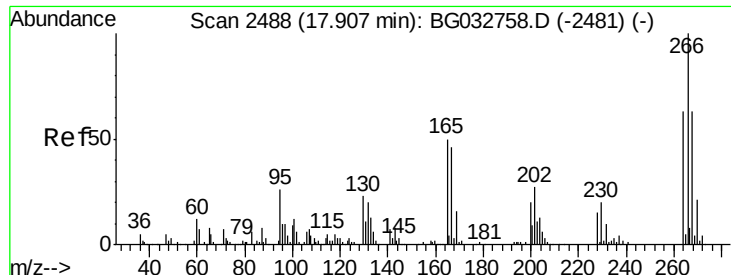


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 33.740 ng

RT: 17.90 min Scan# 2487

Delta R.T. 0.00 min

Lab File: BG032937.D

Acq: 2 Mar 2018 4:55

Instrument :

BNA_G

ClientSampleId :

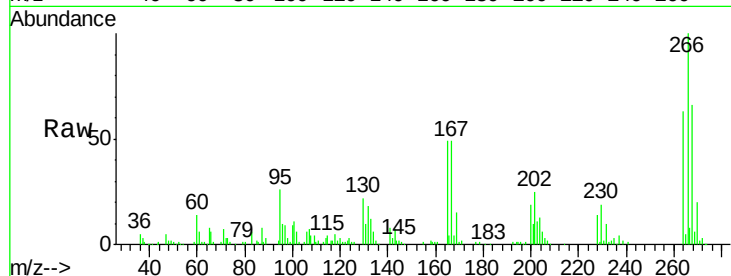
Tot Ion:266 Resp: 87661

Ion Ratio Lower Upper

266 100

268 66.1 51.1 76.7

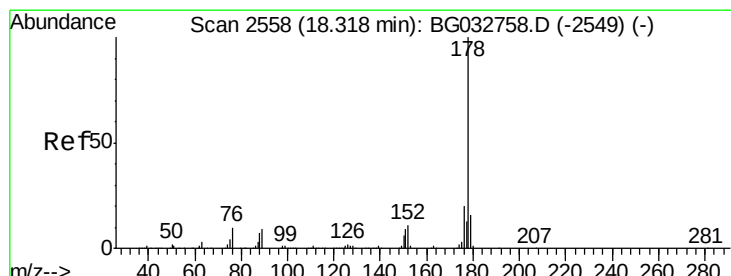
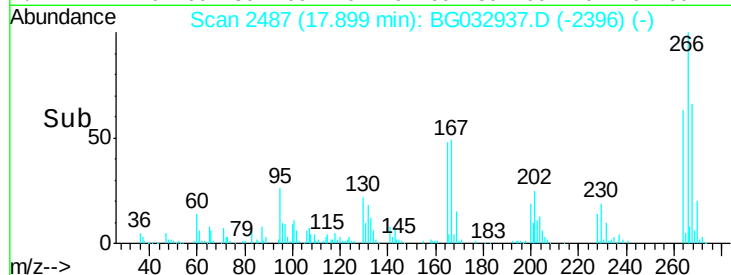
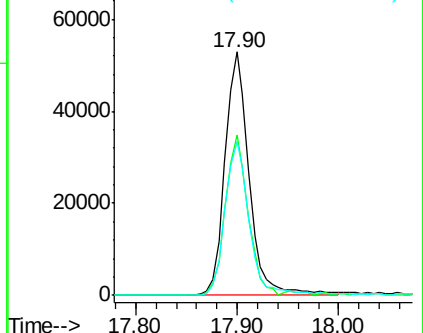
264 63.3 49.6 74.4



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: 37.215 ng

RT: 18.30 min Scan# 2556

Delta R.T. 0.00 min

Lab File: BG032937.D

Acq: 2 Mar 2018 4:55

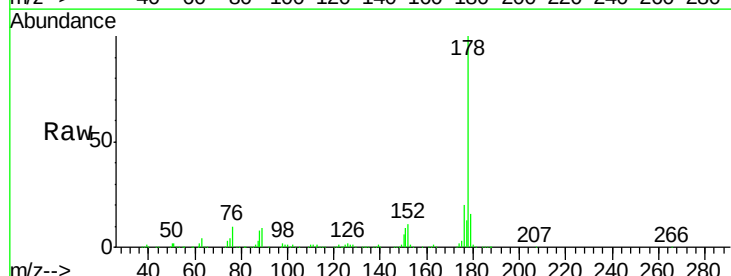
Tgt Ion:178 Resp: 749482

Ion Ratio Lower Upper

178 100

176 20.3 15.7 23.5

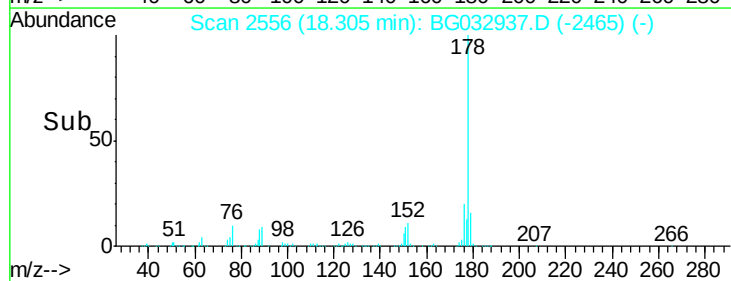
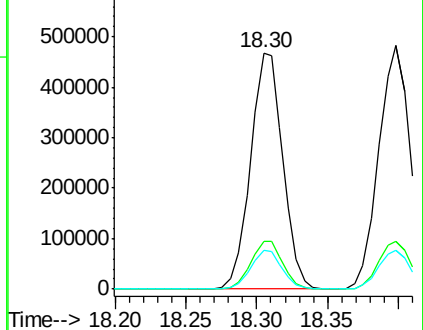
179 16.3 12.5 18.7

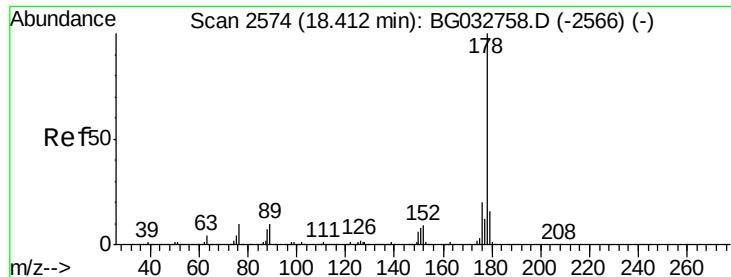


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

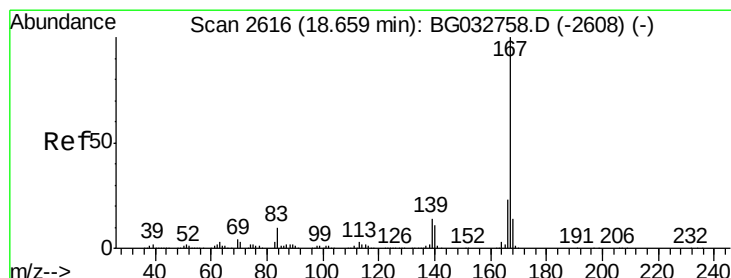
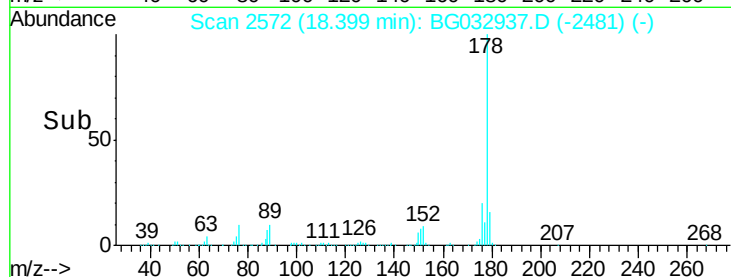
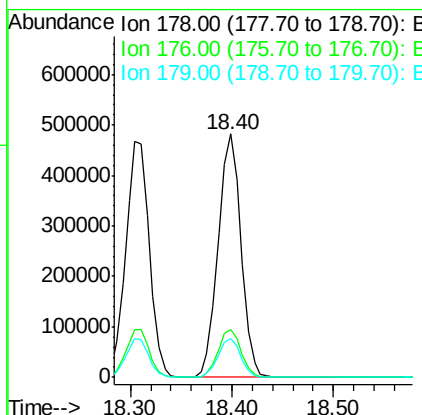
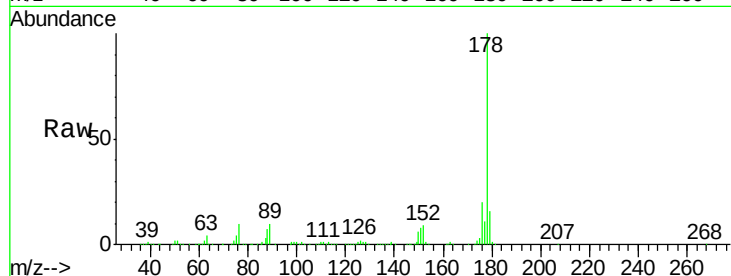




#71
 Anthracene
 Concen: 37.311 ng
 RT: 18.40 min Scan# 2572
 Delta R.T. 0.00 min
 Lab File: BG032937.D
 Acq: 2 Mar 2018 4:55

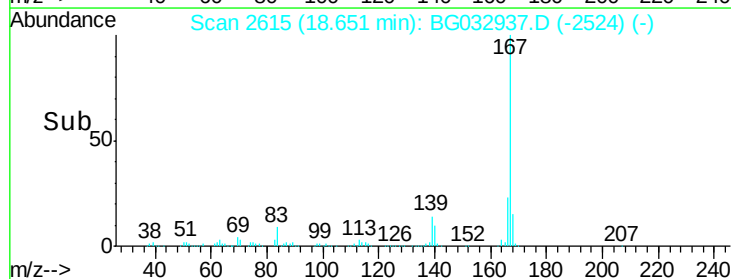
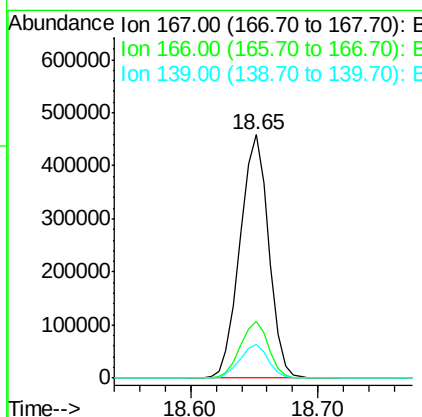
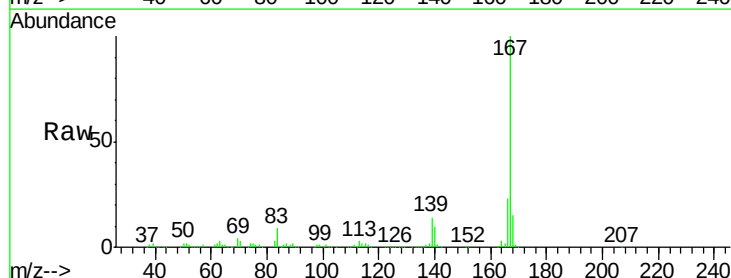
Instrument :
 BNA_G
 ClientSampleId :

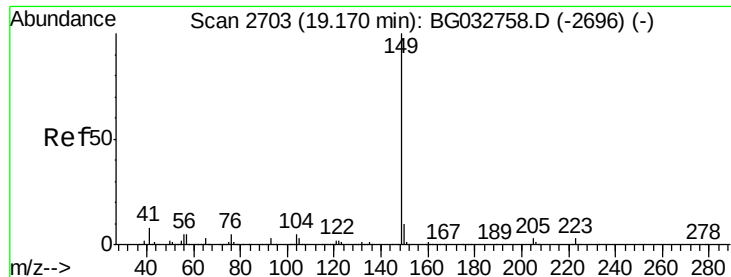
Tot Ion:178 Resp: 754380
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.0 24.0
 179 15.9 12.5 18.7



#72
 Carbazole
 Concen: 36.137 ng
 RT: 18.65 min Scan# 2615
 Delta R.T. 0.00 min
 Lab File: BG032937.D
 Acq: 2 Mar 2018 4:55

Tgt Ion:167 Resp: 720160
 Ion Ratio Lower Upper
 167 100
 166 23.3 18.2 27.4
 139 13.7 9.4 14.2





#73

Di-n-butylphthalate

Concen: 37.873 ng

RT: 19.15 min Scan# 2700

Delta R.T. 0.00 min

Lab File: BG032937.D

Acq: 2 Mar 2018 4:55

Instrument :

BNA_G

ClientSampleId :

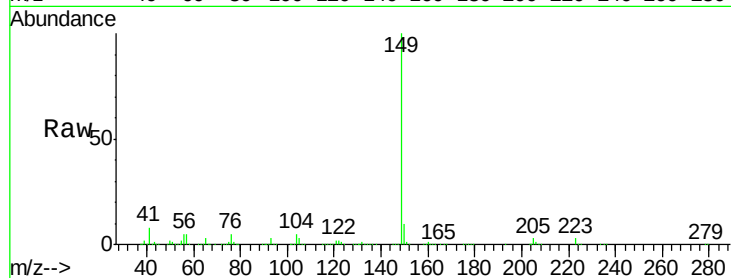
Tot Ion:149 Resp: 925938

Ion Ratio Lower Upper

149 100

150 10.1 7.8 11.6

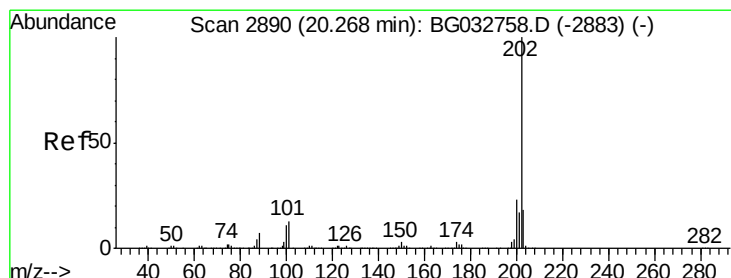
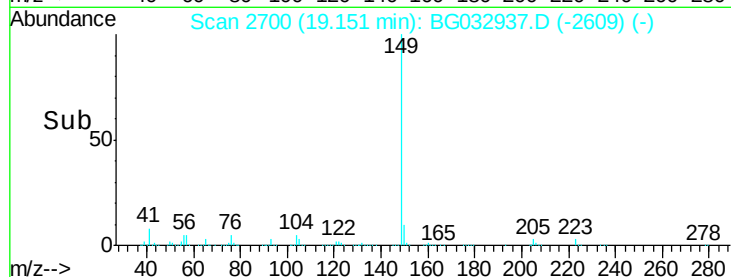
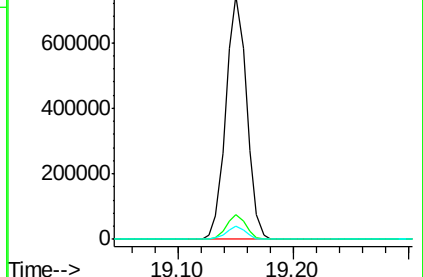
104 5.2 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.888 ng

RT: 20.25 min Scan# 2888

Delta R.T. 0.00 min

Lab File: BG032937.D

Acq: 2 Mar 2018 4:55

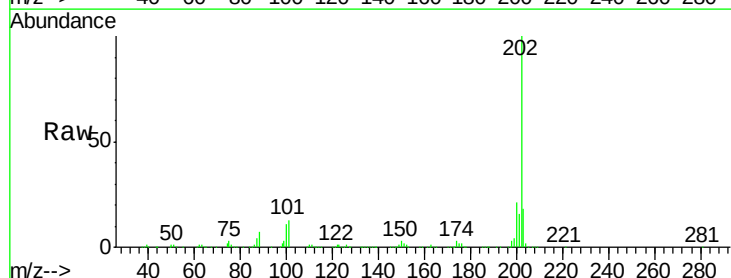
Tgt Ion:202 Resp: 820608

Ion Ratio Lower Upper

202 100

101 13.3 0.0 28.9

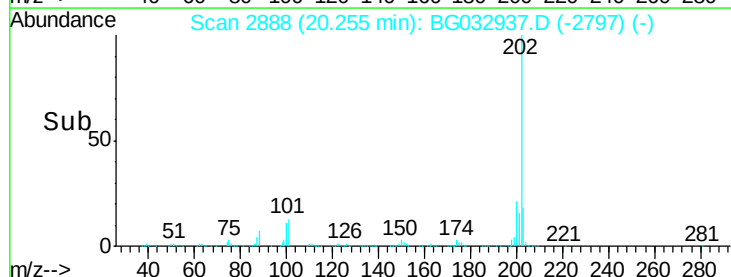
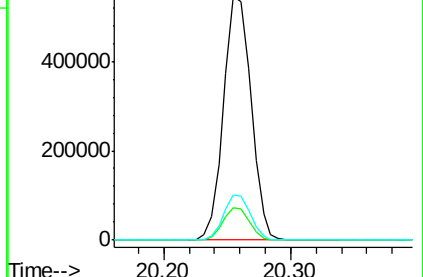
203 18.5 0.0 37.5

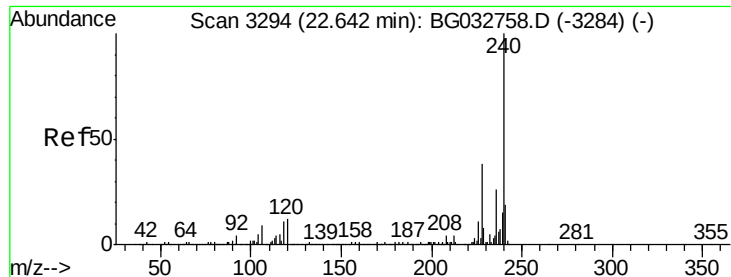


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.62 min Scan# 3291

Delta R.T. 0.00 min

Lab File: BG032937.D

Acq: 2 Mar 2018 4:55

Instrument :

BNA_G

ClientSampleId :

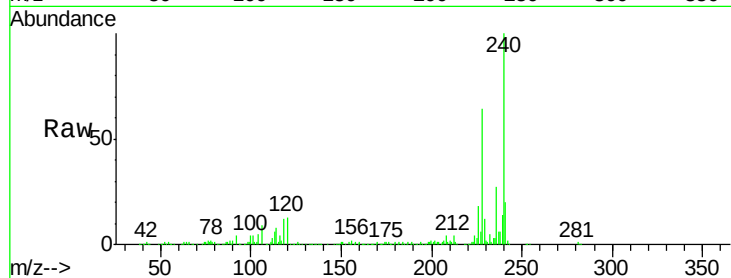
Tot Ion:240 Resp: 326211

Ion Ratio Lower Upper

240 100

120 13.4 6.8 10.2#

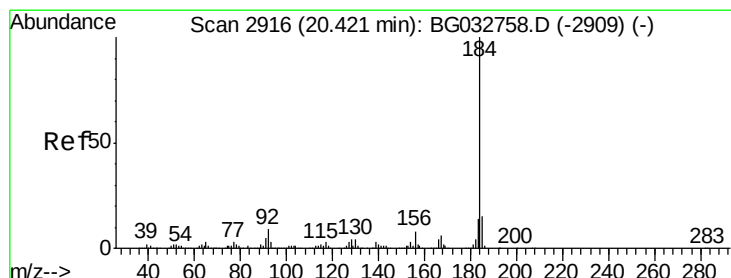
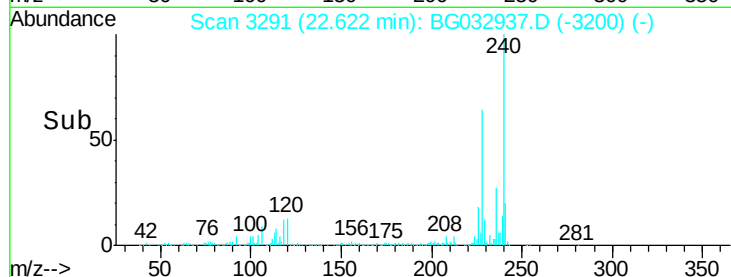
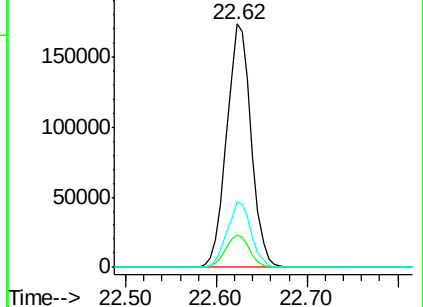
236 27.1 20.9 31.3



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: 25.383 ng

RT: 20.41 min Scan# 2915

Delta R.T. 0.00 min

Lab File: BG032937.D

Acq: 2 Mar 2018 4:55

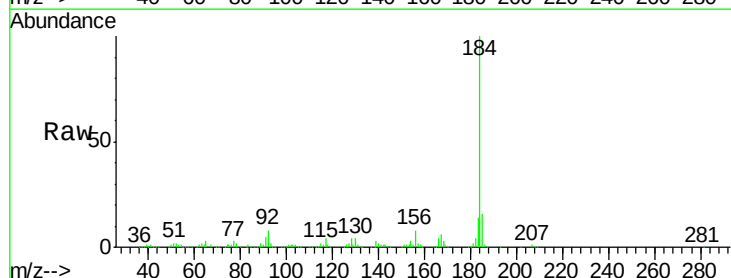
Tgt Ion:184 Resp: 282242

Ion Ratio Lower Upper

184 100

185 16.2 11.1 16.7

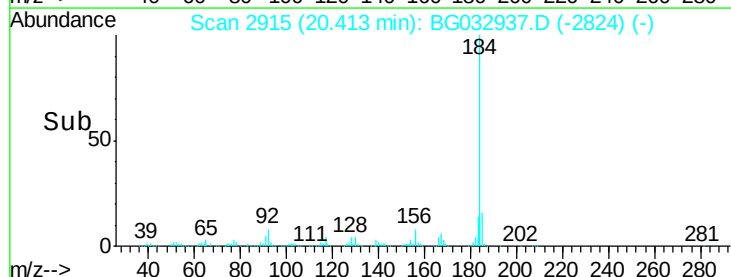
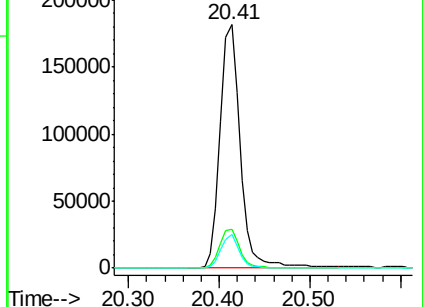
183 13.8 10.6 16.0

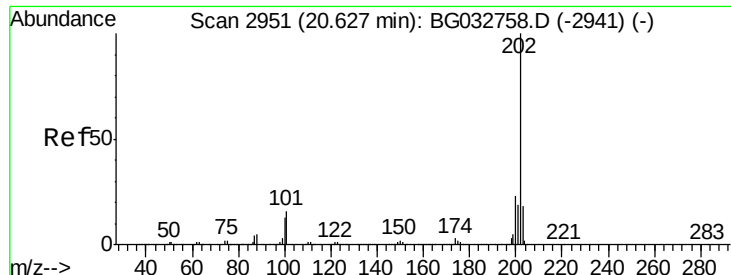


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 36.714 ng

RT: 20.61 min Scan# 2949

Delta R.T. 0.00 min

Lab File: BG032937.D

Acq: 2 Mar 2018 4:55

Instrument :

BNA_G

ClientSampleId :

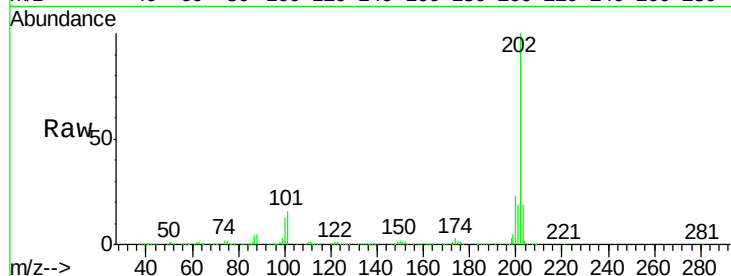
Tot Ion:202 Resp: 844582

Ion Ratio Lower Upper

202 100

200 22.7 16.9 25.3

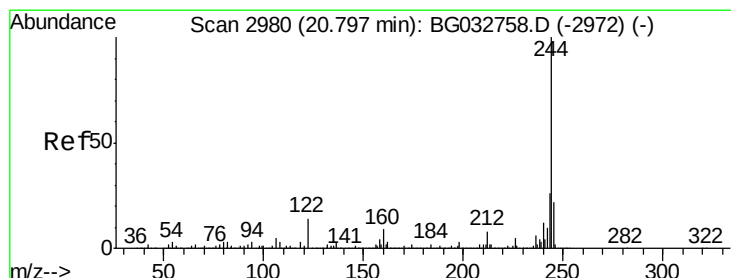
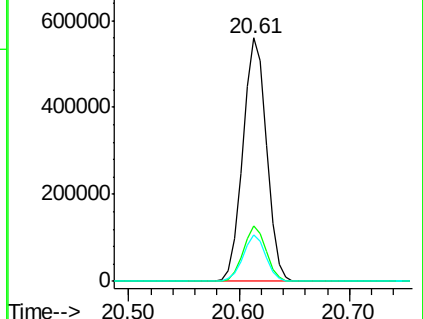
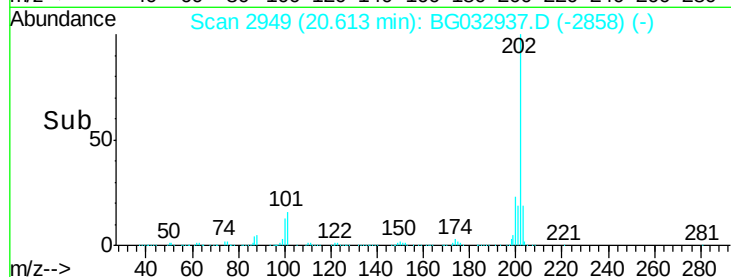
203 18.9 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 72.437 ng

RT: 20.78 min Scan# 2978

Delta R.T. 0.01 min

Lab File: BG032937.D

Acq: 2 Mar 2018 4:55

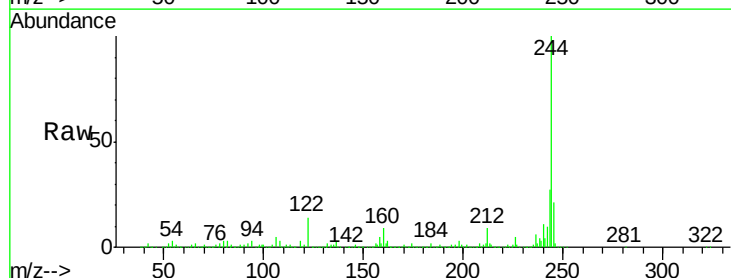
Tgt Ion:244 Resp: 1051737

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

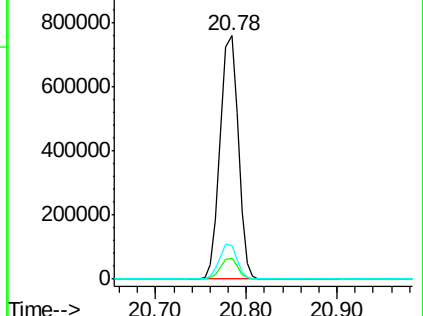
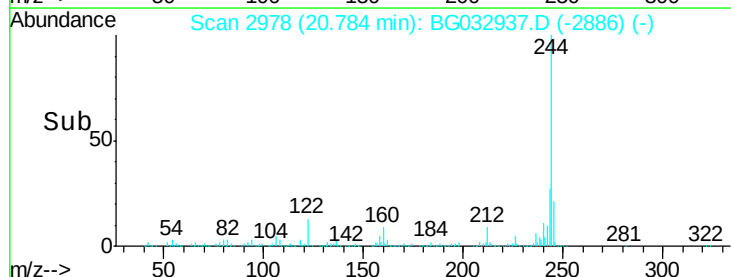
122 13.6 7.0 10.4#

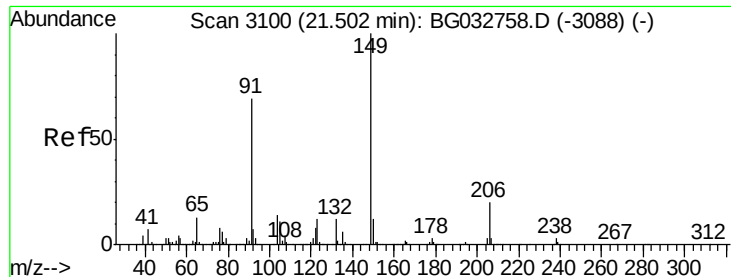


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

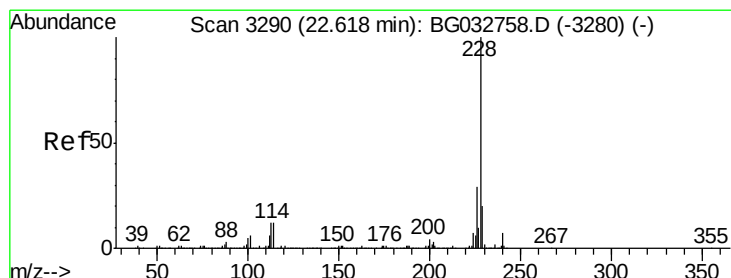
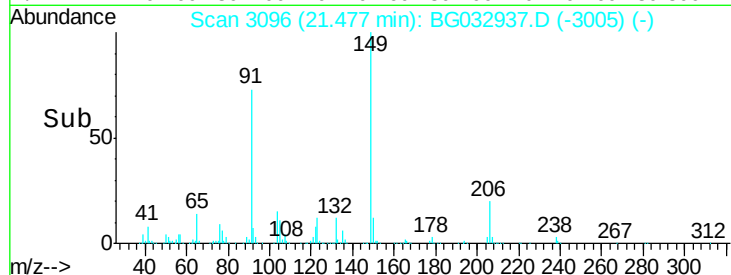
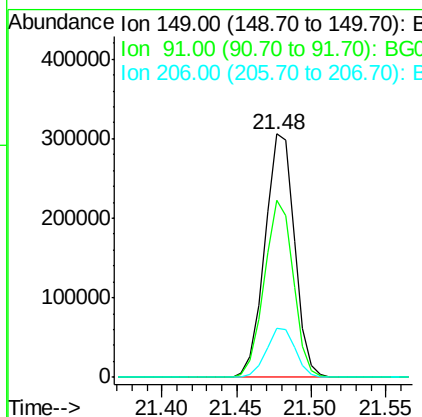
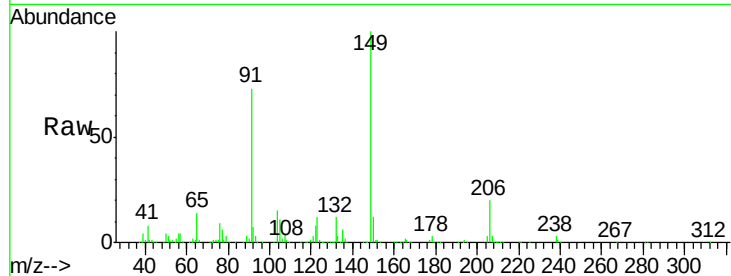




#79
Butylbenzylphthalate
Concen: 41.040 ng
RT: 21.48 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BG032937.D
Acq: 2 Mar 2018 4:55

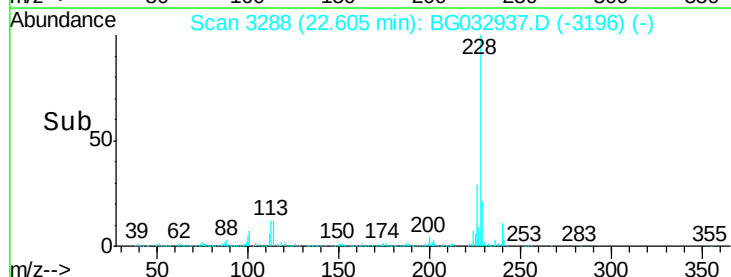
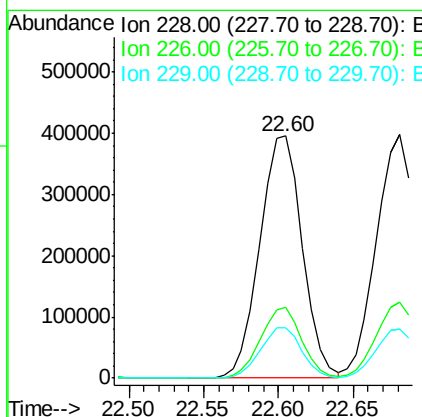
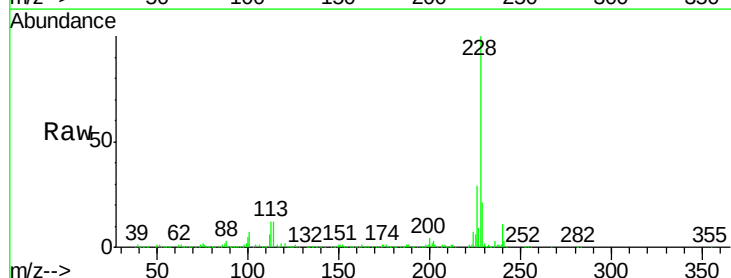
Instrument :
BNA_G
ClientSampleId :

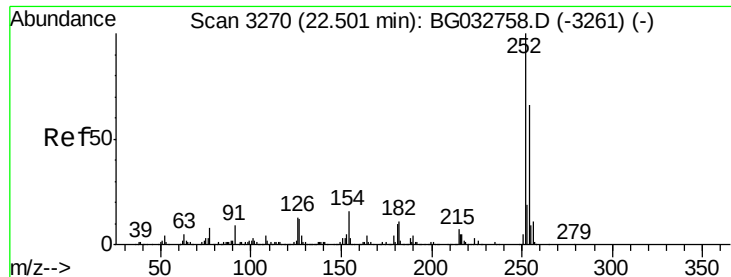
Tot Ion:149 Resp: 418581
Ion Ratio Lower Upper
149 100
91 72.9 62.2 93.2
206 20.0 18.6 27.8



#80
Benzo(a)anthracene
Concen: 37.289 ng
RT: 22.60 min Scan# 3288
Delta R.T. 0.01 min
Lab File: BG032937.D
Acq: 2 Mar 2018 4:55

Tgt Ion:228 Resp: 780014
Ion Ratio Lower Upper
228 100
226 29.2 22.7 34.1
229 20.8 16.2 24.2





#81

3,3'-Dichlorobenzidine

Concen: 37.259 ng

RT: 22.49 min Scan# 3268

Delta R.T. 0.01 min

Lab File: BG032937.D

Acq: 2 Mar 2018 4:55

Instrument :

BNA_G

ClientSampleId :

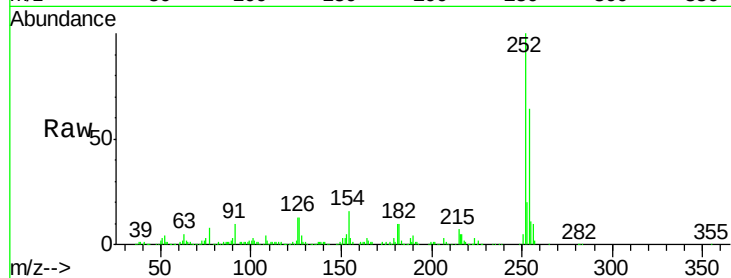
Tot Ion:252 Resp: 288663

Ion Ratio Lower Upper

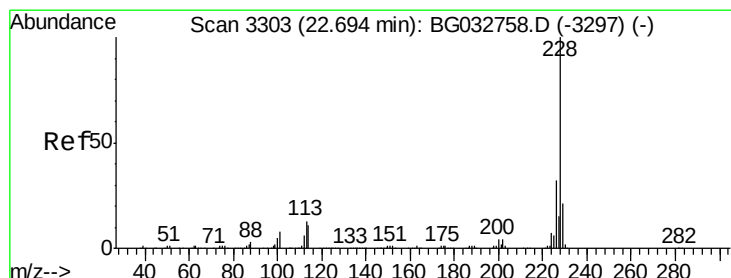
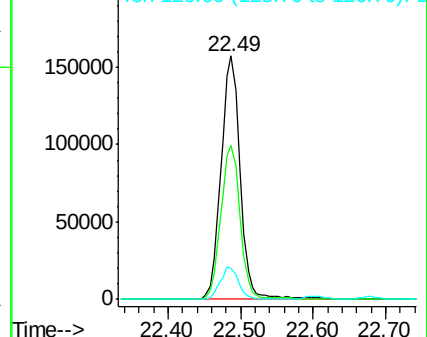
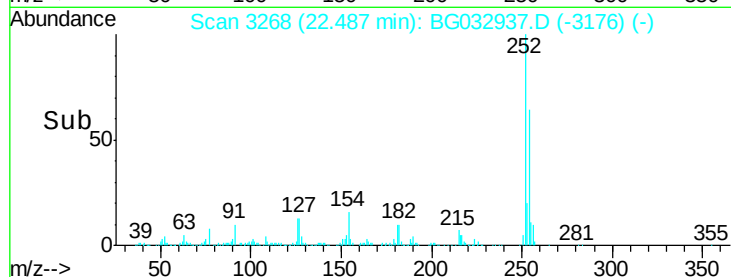
252 100

254 63.5 50.8 76.2

126 12.5 7.4 11.2#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 37.481 ng

RT: 22.68 min Scan# 3301

Delta R.T. 0.01 min

Lab File: BG032937.D

Acq: 2 Mar 2018 4:55

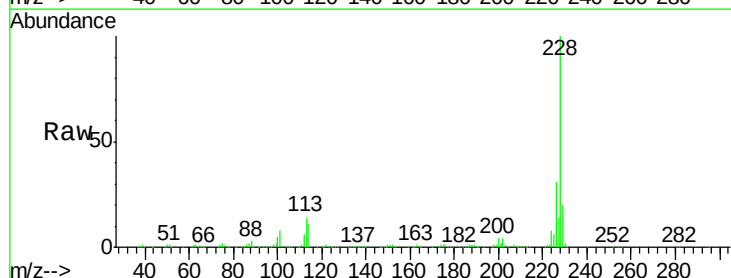
Tgt Ion:228 Resp: 748946

Ion Ratio Lower Upper

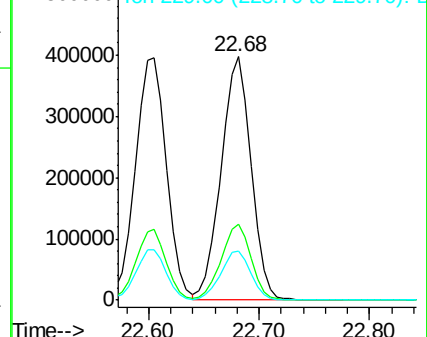
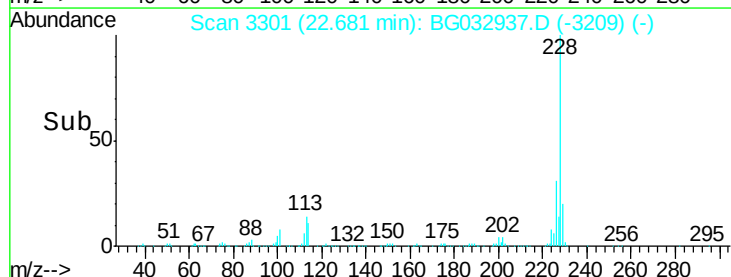
228 100

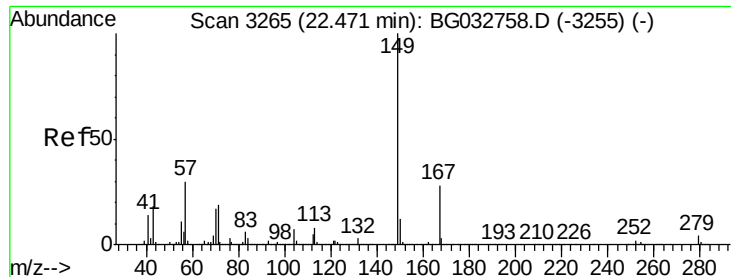
226 31.2 24.9 37.3

229 20.4 15.0 22.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.486 ng

RT: 22.43 min Scan# 3259

Delta R.T. 0.00 min

Lab File: BG032937.D

Acq: 2 Mar 2018 4:55

Instrument :

BNA_G

ClientSampleId :

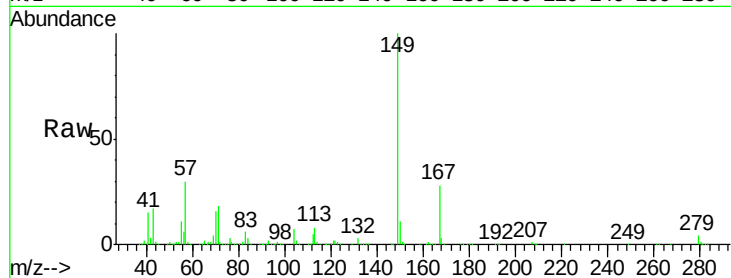
Tot Ion:149 Resp: 611246

Ion Ratio Lower Upper

149 100

167 27.9 24.3 36.5

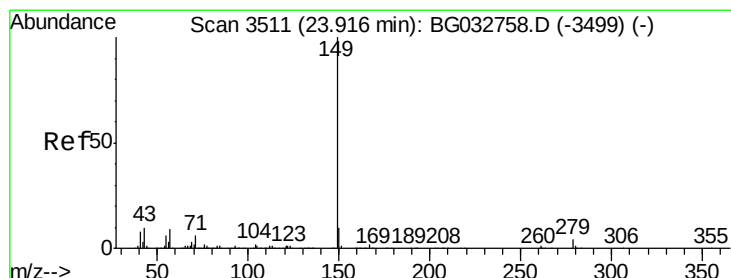
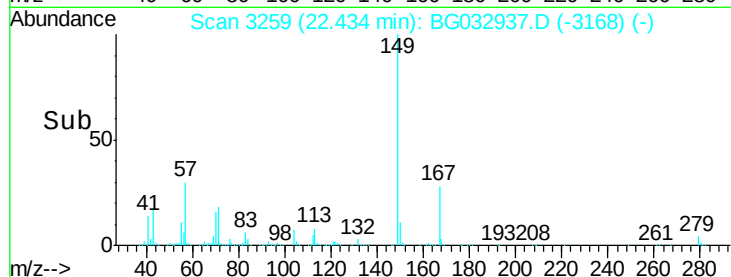
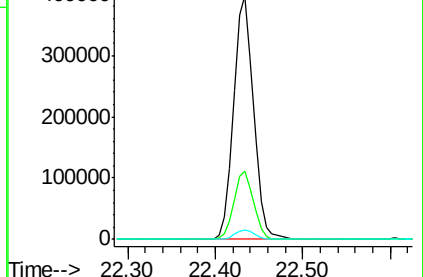
279 4.0 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.297 ng

RT: 23.86 min Scan# 3501

Delta R.T. 0.01 min

Lab File: BG032937.D

Acq: 2 Mar 2018 4:55

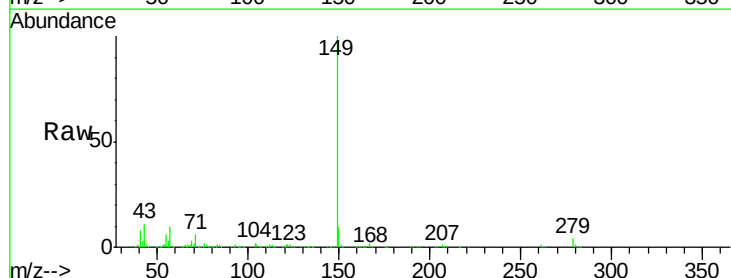
Tgt Ion:149 Resp: 973362

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

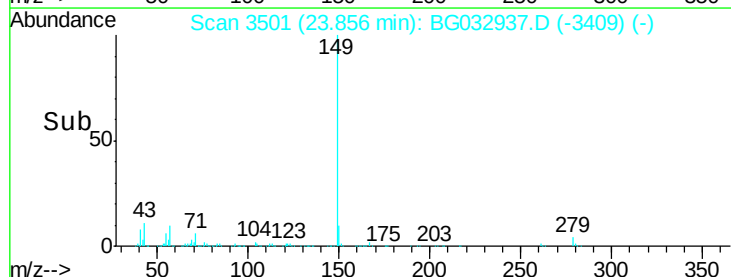
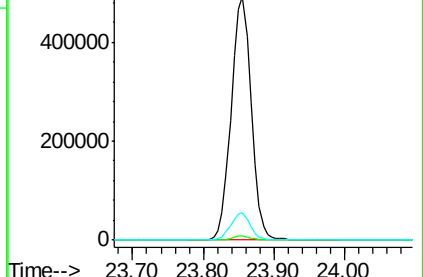
43 11.0 8.9 13.3

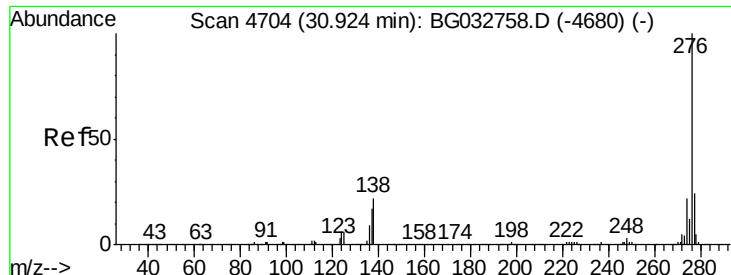


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGO

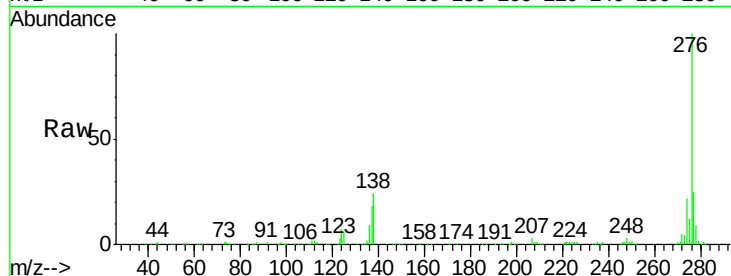




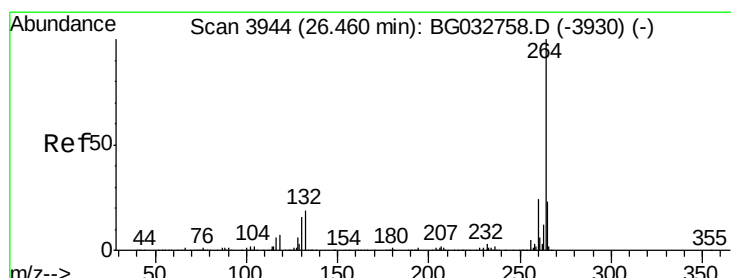
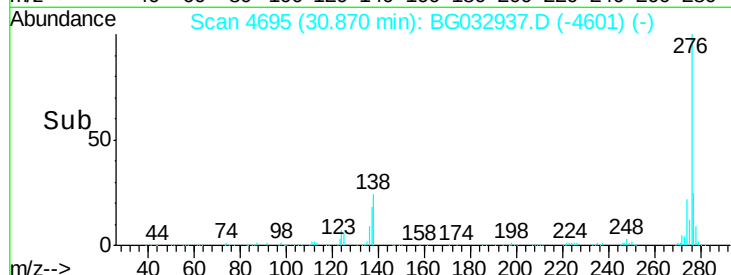
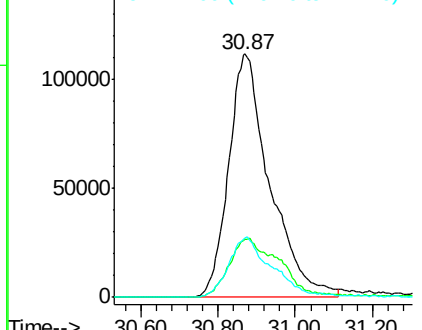
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.694 ng
 RT: 30.87 min Scan# 4695
 Delta R.T. 0.02 min
 Lab File: BG032937.D
 Acq: 2 Mar 2018 4:55

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:276 Resp: 831801
 Ion Ratio Lower Upper
 276 100
 138 29.4 16.0 24.0#
 277 25.5 20.0 30.0

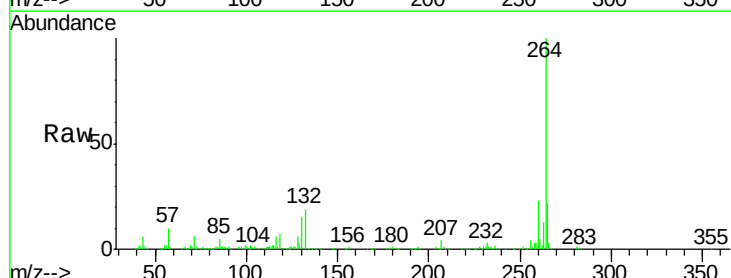


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

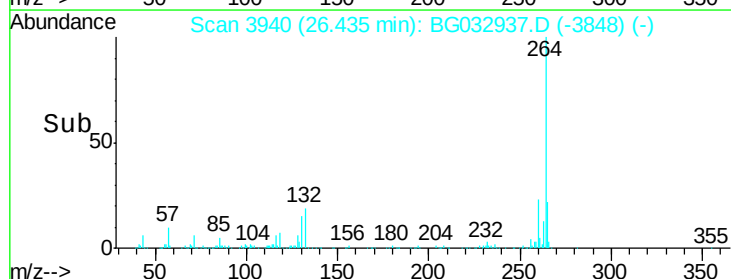
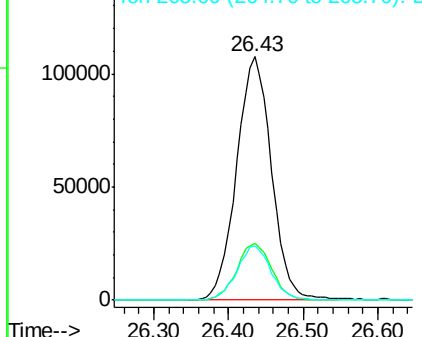


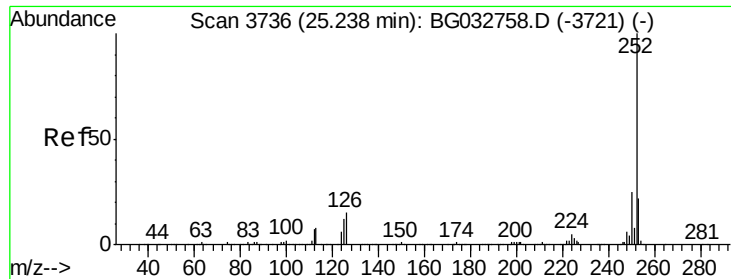
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.43 min Scan# 3940
 Delta R.T. 0.01 min
 Lab File: BG032937.D
 Acq: 2 Mar 2018 4:55

Tgt Ion:264 Resp: 349272
 Ion Ratio Lower Upper
 264 100
 260 23.4 17.4 26.0
 265 22.4 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: 37.099 ng

RT: 25.21 min Scan# 3731

Delta R.T. 0.00 min

Lab File: BG032937.D

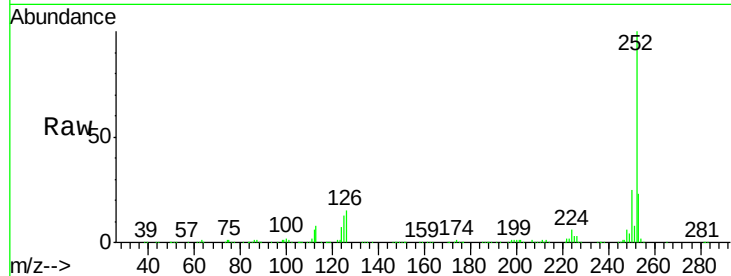
Acq: 2 Mar 2018 4:55

Instrument :

BNA_G

ClientSampleId :

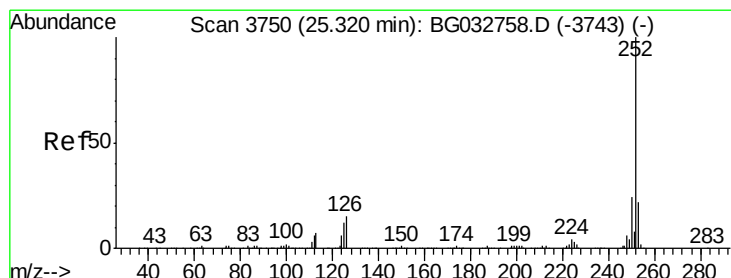
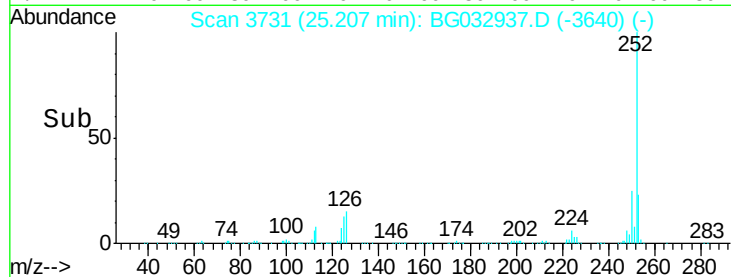
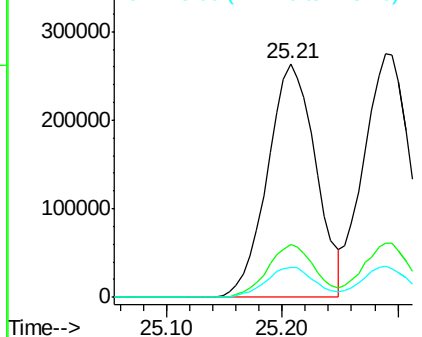
Tot Ion:252	Resp:	766137
Ion Ratio	Lower	Upper
252	100	
253	22.8	18.2 27.4
125	12.6	7.2 10.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 37.690 ng

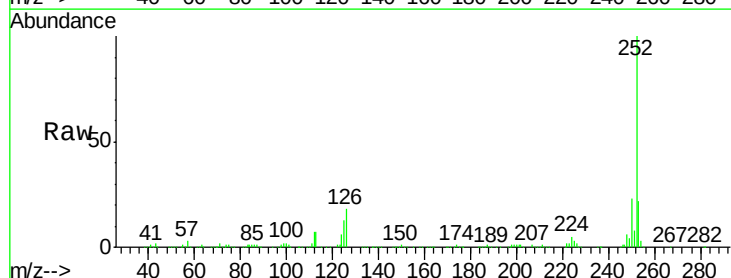
RT: 25.29 min Scan# 3745

Delta R.T. 0.01 min

Lab File: BG032937.D

Acq: 2 Mar 2018 4:55

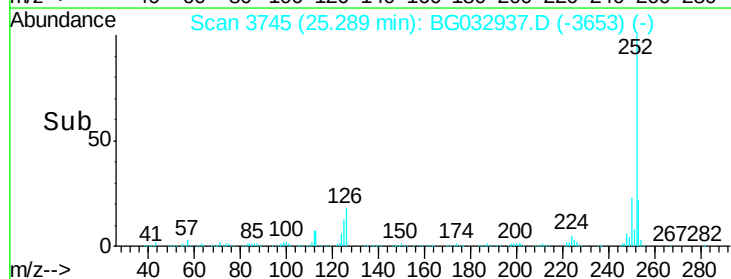
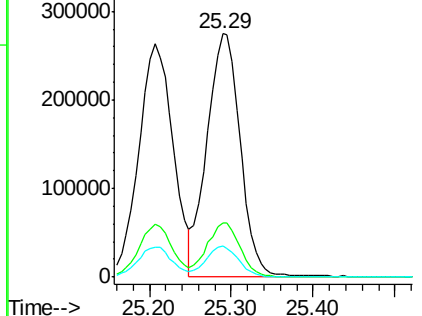
Tgt Ion:252	Resp:	773543
Ion Ratio	Lower	Upper
252	100	
253	22.3	17.4 26.2
125	13.0	6.6 9.8#

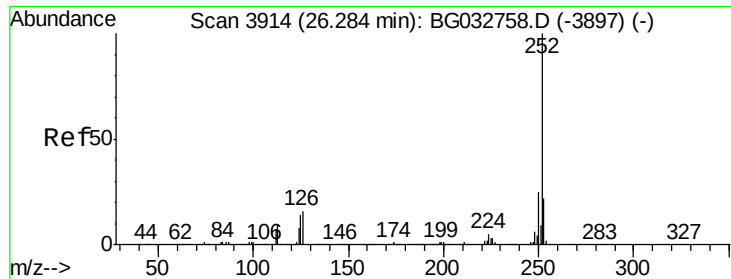


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 37.688 ng

RT: 26.26 min Scan# 3910

Delta R.T. 0.01 min

Lab File: BG032937.D

Acq: 2 Mar 2018 4:55

Instrument :

BNA_G

ClientSampleId :

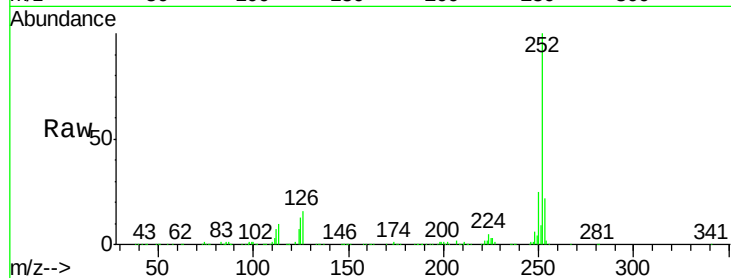
Tot Ion:252 Resp: 740282

Ion Ratio Lower Upper

252 100

253 22.3 18.3 27.5

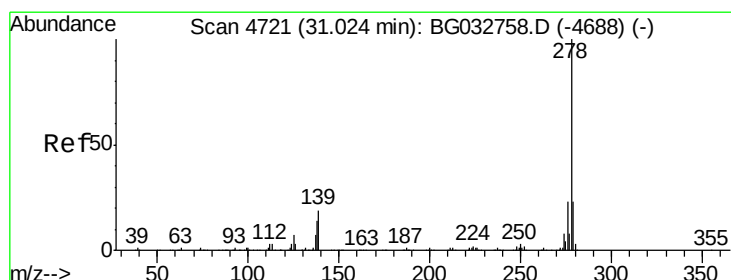
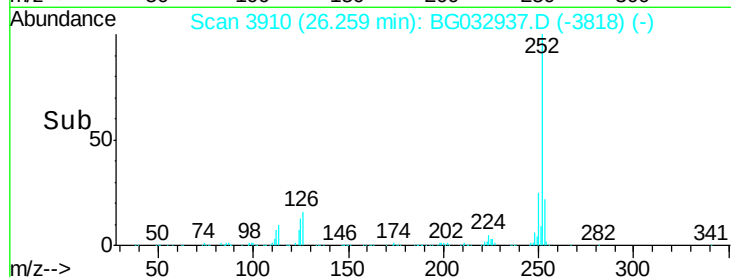
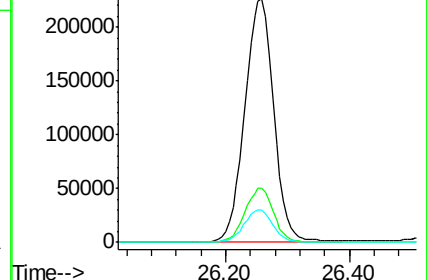
125 13.3 7.3 10.9#



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: 34.253 ng

RT: 30.94 min Scan# 4707

Delta R.T. 0.00 min

Lab File: BG032937.D

Acq: 2 Mar 2018 4:55

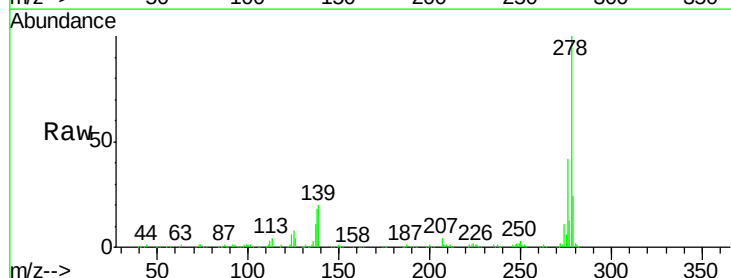
Tgt Ion:278 Resp: 677231

Ion Ratio Lower Upper

278 100

139 19.8 9.8 14.6#

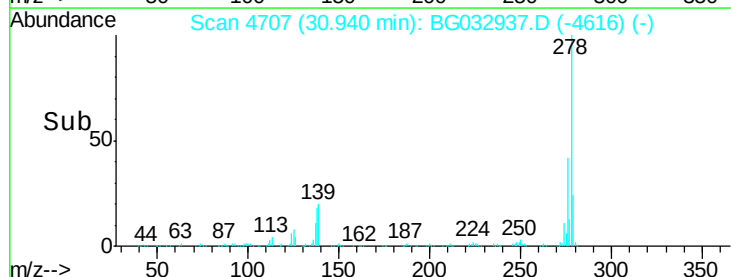
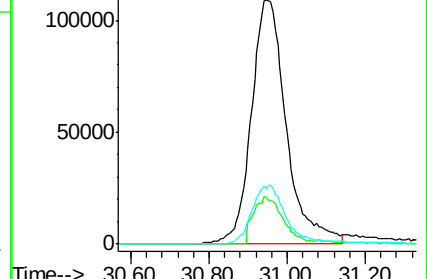
279 23.8 18.4 27.6

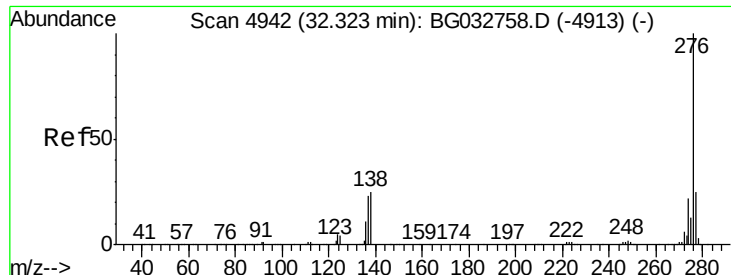


Abundance Ion 278.00 (277.70 to 278.70): E

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: 35.427 ng

RT: 32.26 min Scan# 4932

Delta R.T. 0.01 min

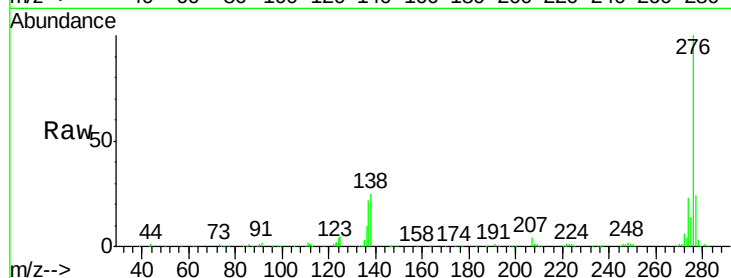
Lab File: BG032937.D

Acq: 2 Mar 2018 4:55

Instrument :

BNA_G

ClientSampleId :



Tot Ion:	276	Resp:	690468
Ion Ratio		Lower	Upper
276	100		
277	24.1	18.3	27.5
138	25.4	13.9	20.9

