

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030818\
 Data File : BG033043.D
 Acq On : 8 Mar 2018 16:37
 Operator : SJ/JU
 Sample : J1748-02MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 08 17:42:14 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 17:38:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	58387	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	251017	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	141838	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	317544	20.00	ng	0.00
75) Chrysene-d12	22.61	240	290515	20.00	ng	0.00
86) Perylene-d12	26.41	264	305264	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.33	112	477948	130.96	ng	0.00
7) Phenol-d6	8.01	99	605092	118.95	ng	0.00
23) Nitrobenzene-d5	10.11	82	427344	114.28	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	236663	158.69	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	872558	88.72	ng	0.00
78) Terphenyl-d14	20.77	244	1246803	96.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.97	88	59022	37.264	ng	# 93
3) Pyridine	4.44	79	138490	31.724	ng	95
4) n-Nitrosodimethylamine	4.33	42	97785	55.870	ng	# 85
6) Aniline	8.21	93	59717	8.673	ng	98
8) 2-Chlorophenol	8.46	128	196857	49.281	ng	95
9) Benzaldehyde	8.01	77	49478	16.876	ng	95
10) Phenol	8.04	94	220352	42.971	ng	98
11) bis(2-Chloroethyl)ether	8.29	93	182434	43.508	ng	99
12) 1,3-Dichlorobenzene	8.80	146	198493	42.425	ng	99
13) 1,4-Dichlorobenzene	8.95	146	200850	42.647	ng	97
14) 1,2-Dichlorobenzene	9.28	146	190809	42.280	ng	94
15) Benzyl Alcohol	9.14	79	160807	43.000	ng	92
16) 2,2'-oxybis(1-Chloropropan	9.44	45	357640	49.615	ng	99
17) 2-Methylphenol	9.34	107	167016	44.169	ng	97
18) Hexachloroethane	10.04	117	73826	46.040	ng	# 86
19) n-Nitroso-di-n-propylamine	9.73	70	156531	43.587	ng	# 89
20) 3+4-Methylphenols	9.67	107	228383	43.438	ng	95
22) Acetophenone	9.75	105	288159	45.455	ng	# 98
24) Nitrobenzene	10.15	77	223501	54.791	ng	94
25) Isophorone	10.68	82	422740	47.981	ng	96
26) 2-Nitrophenol	10.88	139	104731	65.536	ng	98
27) 2,4-Dimethylphenol	10.91	122	206851	54.045	ng	90
28) bis(2-Chloroethoxy)methane	11.16	93	252505	49.196	ng	96
29) 2,4-Dichlorophenol	11.42	162	182924	52.659	ng	96
30) 1,2,4-Trichlorobenzene	11.65	180	179976	44.199	ng	98
31) Naphthalene	11.85	128	621029	47.347	ng	99
32) Benzoic acid	11.03	122	123302	50.506	ng	87
33) 4-Chloroaniline	11.93	127	18311	3.122	ng	95
34) Hexachlorobutadiene	12.12	225	101228	44.320	ng	97
35) Caprolactam	12.68	113	56069	40.311	ng	96
36) 4-Chloro-3-methylphenol	13.00	107	216918	53.661	ng	95
37) 2-Methylnaphthalene	13.40	142	438742	46.234	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.75	216	186601	44.318	ng	# 96
40) Hexachlorocyclopentadiene	13.73	237	237045	110.468	ng	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

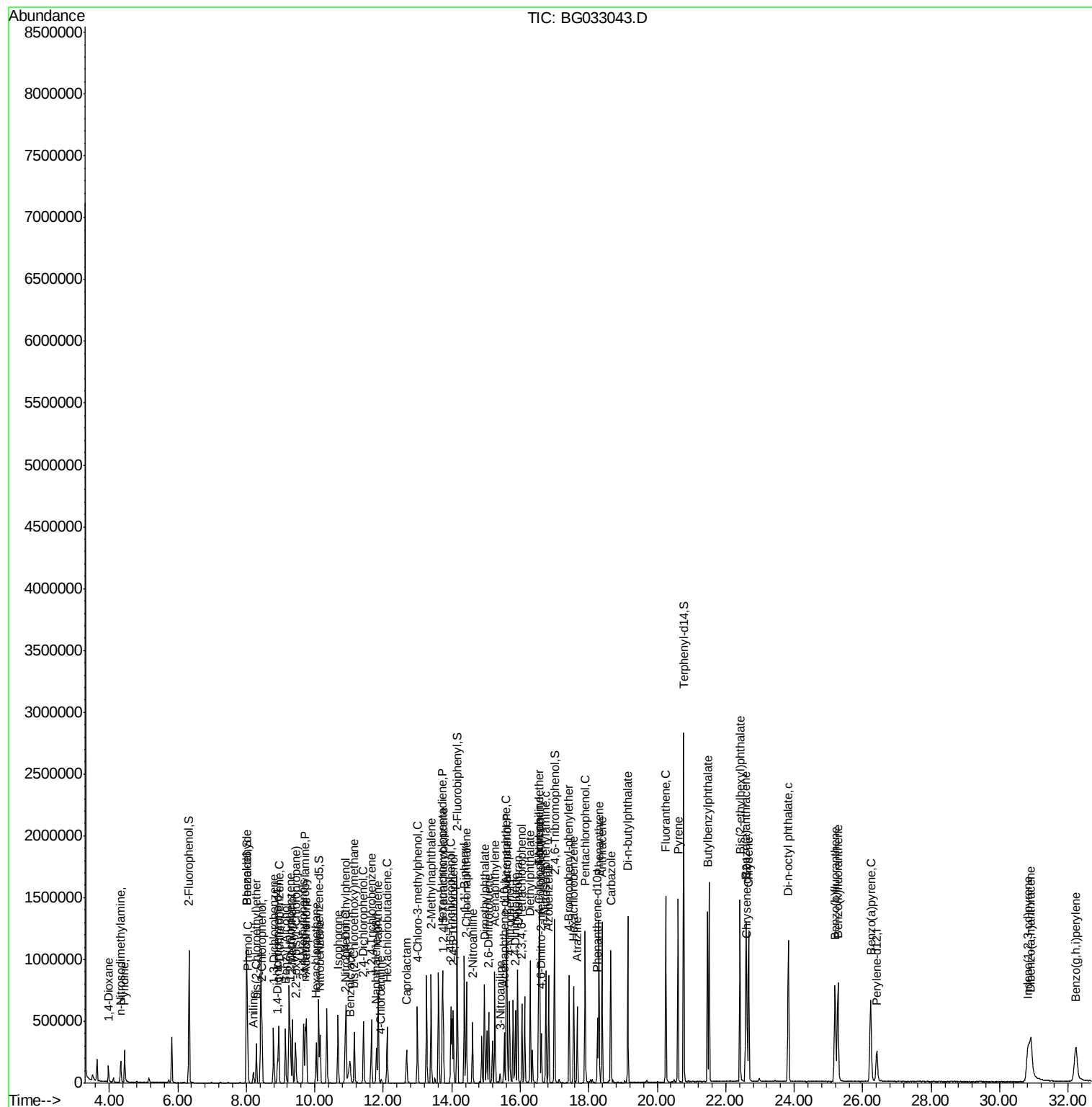
42) 2,4,6-Trichlorophenol	13.97	196	139866	52.674	nq	97
43) 2,4,5-Trichlorophenol	14.04	196	153277	49.875	nq	# 94
45) 1,1'-Biphenyl	14.37	154	541579	43.695	nq	93
46) 2-Chloronaphthalene	14.42	162	415724	44.901	nq	96
47) 2-Nitroaniline	14.61	65	149344	60.690	nq	94
48) Acenaphthylene	15.26	152	679298	44.814	nq	99
49) Dimethylphthalate	14.95	163	536400	44.539	nq	99
50) 2,6-Dinitrotoluene	15.08	165	120516	58.149	nq	91
51) Acenaphthene	15.59	154	489257	51.826	nq	98
52) 3-Nitroaniline	15.41	138	19878	14.337	nq	# 83
53) 2,4-Dinitrophenol	15.61	184	130030	153.478	nq	95
54) Dibenzofuran	15.92	168	629715	46.847	nq	94
55) 4-Nitrophenol	15.69	139	188359	94.136	nq	88
56) 2,4-Dinitrotoluene	15.86	165	171915	66.518	nq	88
57) Fluorene	16.56	166	509989	45.968	nq	97
58) 2,3,4,6-Tetrachlorophenol	16.05	232	131382	55.063	nq	95
59) Diethylphthalate	16.29	149	579081	45.588	nq	98
60) 4-Chlorophenyl-phenylether	16.53	204	255127	47.008	nq	90
61) 4-Nitroaniline	16.56	138	77703	31.812	nq	87
62) Azobenzene	16.83	77	532006	46.815	nq	95
64) 4,6-Dinitro-2-methylphenol	16.61	198	83496	74.207	nq	93
65) n-Nitrosodiphenylamine	16.75	169	368286	35.652	nq	99
66) 4-Bromophenyl-phenylether	17.43	248	152311	45.362	nq	# 86
67) Hexachlorobenzene	17.56	284	158183	43.594	nq	# 90
68) Atrazine	17.66	200	100968	29.694	nq	94
69) Pentachlorophenol	17.89	266	218492	95.598	nq	100
70) Phenanthrene	18.30	178	822738	46.441	nq	97
71) Anthracene	18.39	178	831624	46.758	nq	98
72) Carbazole	18.64	167	709328	40.462	nq	# 98
73) Di-n-butylphthalate	19.14	149	991024	46.080	nq	99
74) Fluoranthene	20.25	202	917022	46.860	nq	96
77) Pyrene	20.60	202	917318	44.775	nq	97
79) Butylbenzylphthalate	21.47	149	460970	50.749	nq	92
80) Benzo(a)anthracene	22.59	228	877136	47.084	nq	99
82) Chrysene	22.67	228	824768	46.347	nq	97
83) Bis(2-ethylhexyl)phthalate	22.41	149	655437	48.748	nq	97
84) Di-n-octyl phthalate	23.83	149	1115973	54.453	nq	99
85) Indeno(1,2,3-cd)pyrene	30.83	276	889050	42.838	nq	# 81
87) Benzo(b)fluoranthene	25.19	252	864078	47.873	nq	# 97
88) Benzo(k)fluoranthene	25.27	252	879127	49.009	nq	# 95
89) Benzo(a)pyrene	26.23	252	826357	48.135	nq	# 96
90) Dibenzo(a,h)anthracene	30.91	278	719316	41.627	nq	# 96
91) Benzo(g,h,i)perylene	32.22	276	737317	43.284	nq	# 95

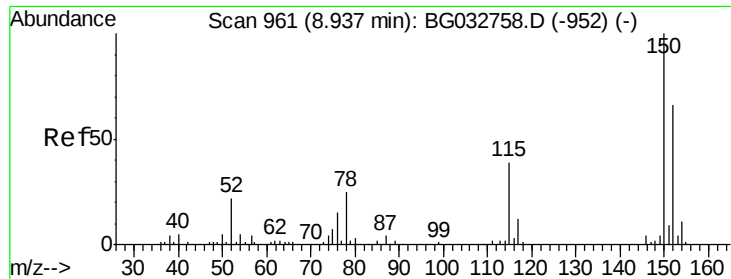
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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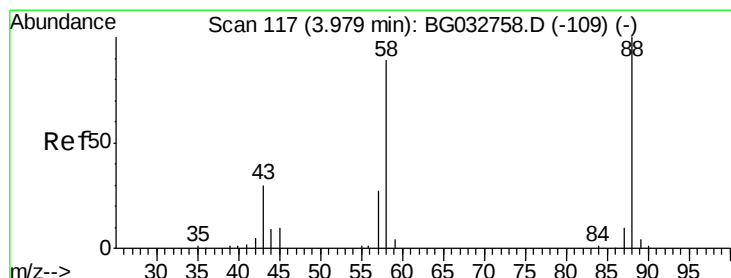
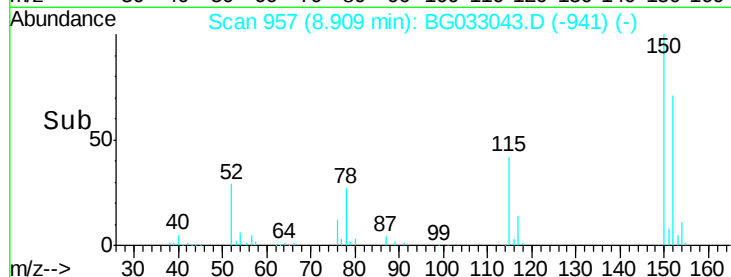
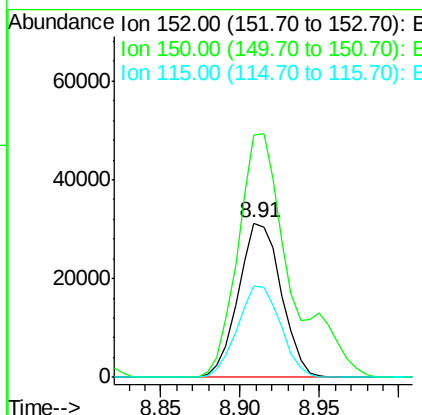
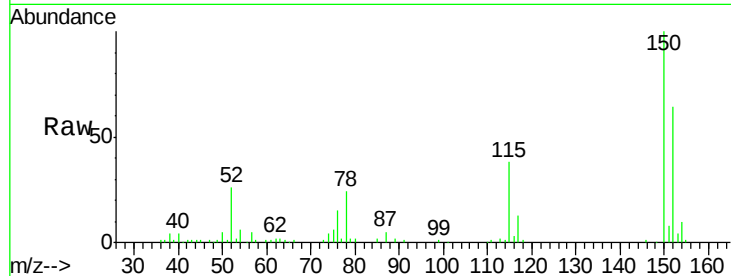


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG033043.D
Acq: 8 Mar 2018 16:37

Instrument :
BNA_G
ClientSampleId :

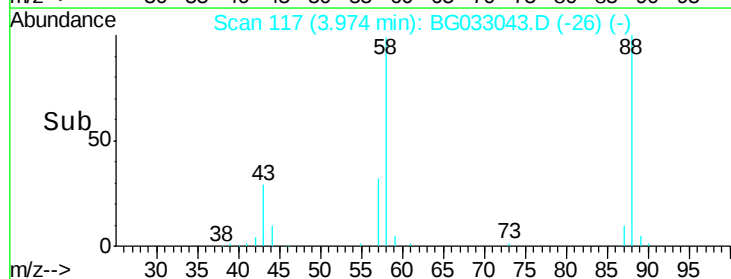
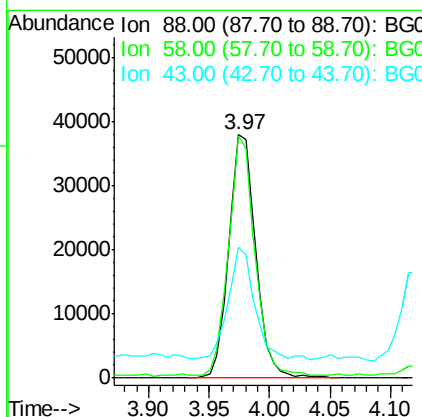
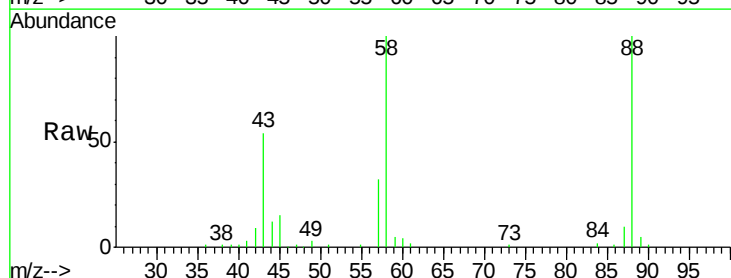
Tot Ion:152 Resp: 58387
Ion Ratio Lower Upper
152 100
150 157.1 126.6 189.8
115 59.5 53.0 79.4

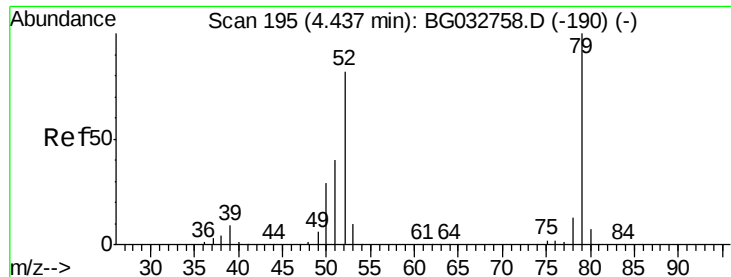


#2

1,4-Dioxane
Concen: 37.264 ng
RT: 3.97 min Scan# 117
Delta R.T. 0.01 min
Lab File: BG033043.D
Acq: 8 Mar 2018 16:37

Tgt Ion: 88 Resp: 59022
Ion Ratio Lower Upper
88 100
58 96.1 79.6 119.4
43 44.2 27.4 41.0#





#3

Pvridine

Concen: 31.724 ng

RT: 4.44 min Scan# 197

Delta R.T. 0.02 min

Lab File: BG033043.D

Acq: 8 Mar 2018 16:37

Instrument :

BNA_G

ClientSampled :

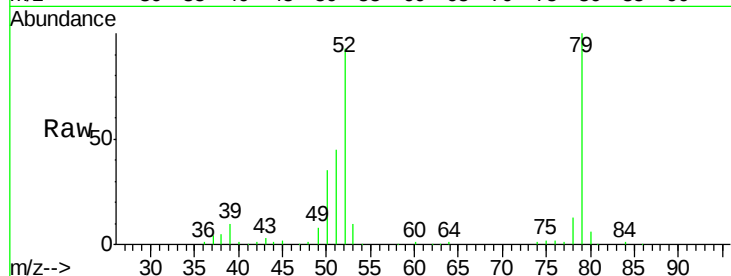
Tot Ion: 79 Resp: 138490

Ion Ratio Lower Upper

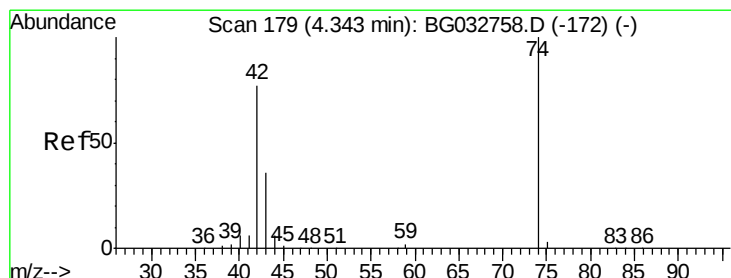
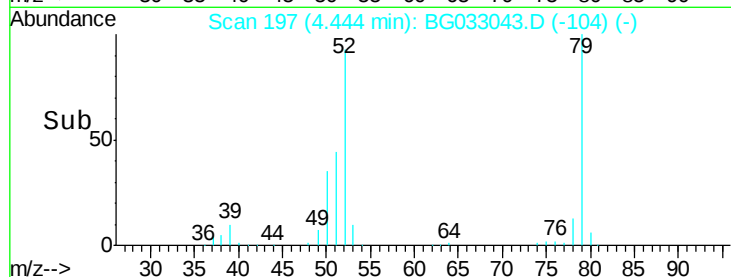
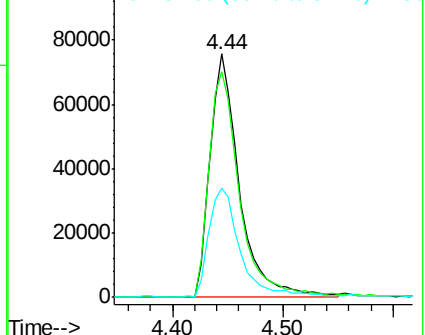
79 100

52 92.8 69.9 104.9

51 45.0 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: 55.870 ng

RT: 4.33 min Scan# 178

Delta R.T. 0.01 min

Lab File: BG033043.D

Acq: 8 Mar 2018 16:37

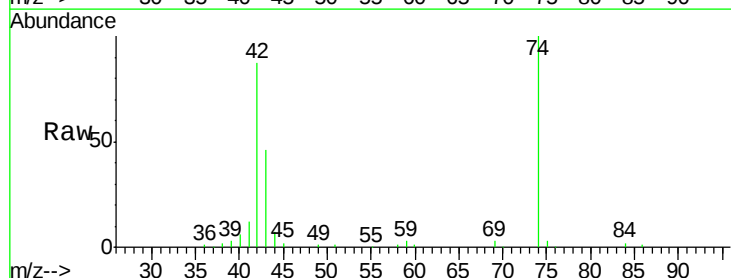
Tgt Ion: 42 Resp: 97785

Ion Ratio Lower Upper

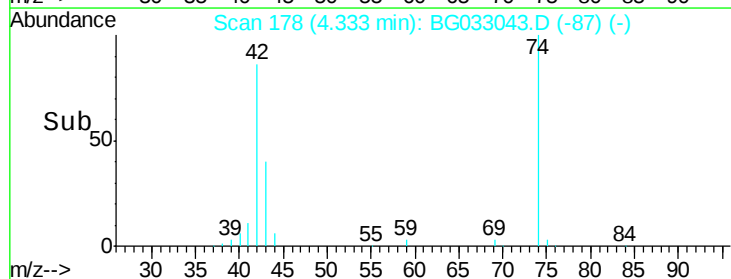
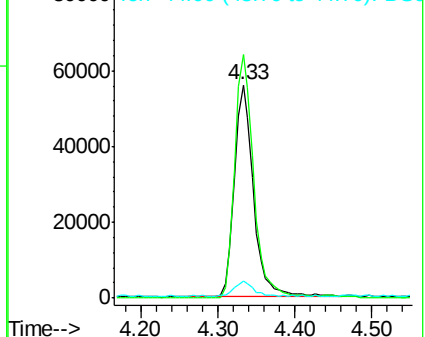
42 100

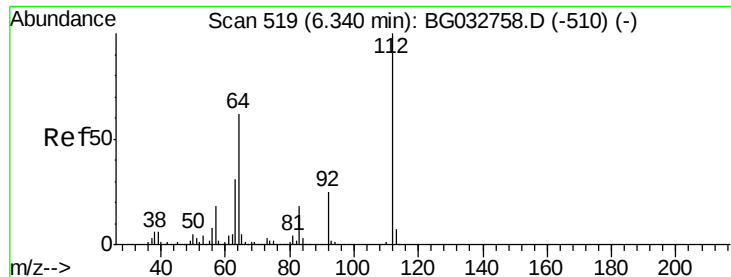
74 114.4 102.5 153.7

44 8.1 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: 130.962 ng

RT: 6.33 min Scan# 518

Delta R.T. 0.01 min

Lab File: BG033043.D

Acq: 8 Mar 2018 16:37

Instrument :

BNA_G

ClientSampleId :

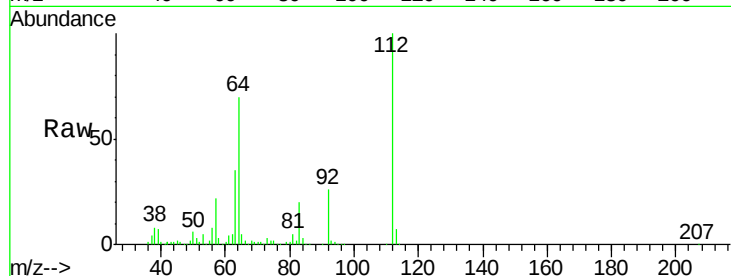
Tot Ion:112 Resp: 477948

Ion Ratio Lower Upper

112 100

64 69.7 56.3 84.5

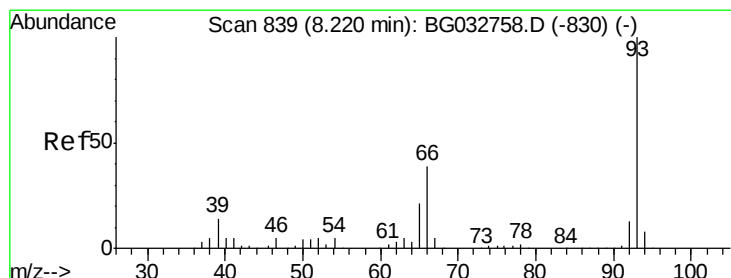
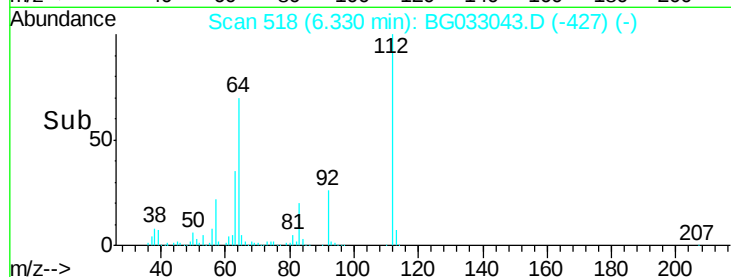
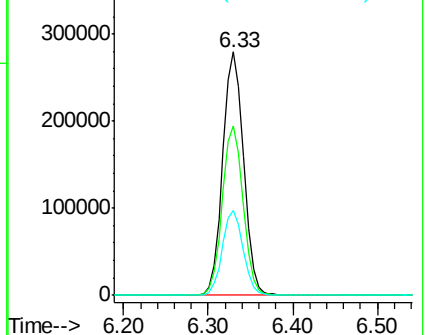
63 34.8 30.1 45.1



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: 8.673 ng

RT: 8.21 min Scan# 838

Delta R.T. 0.01 min

Lab File: BG033043.D

Acq: 8 Mar 2018 16:37

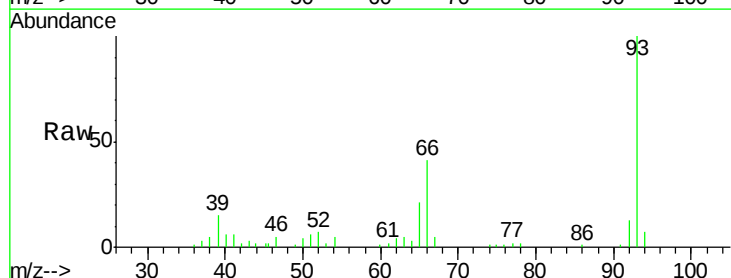
Tgt Ion: 93 Resp: 59717

Ion Ratio Lower Upper

93 100

66 40.5 33.7 50.5

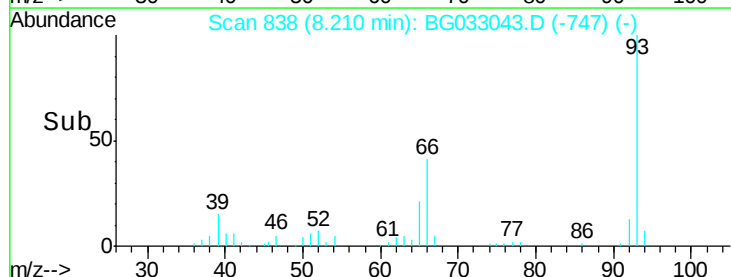
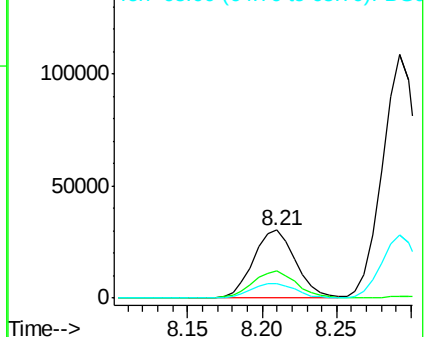
65 21.3 16.1 24.1

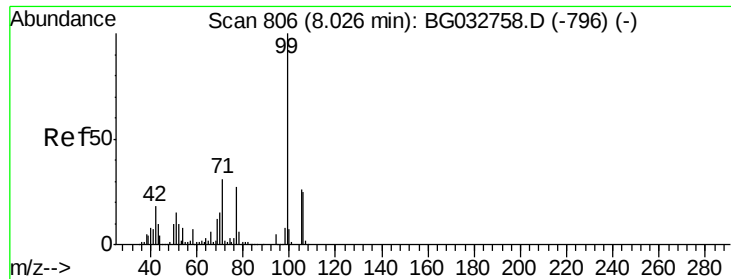


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 118.951 ng

RT: 8.01 min Scan# 804

Delta R.T. 0.00 min

Lab File: BG033043.D

Acq: 8 Mar 2018 16:37

Instrument :

BNA_G

ClientSampleId :

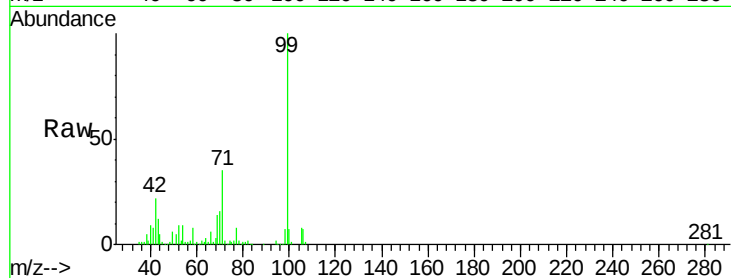
Tot Ion: 99 Resp: 605092

Ion Ratio Lower Upper

99 100

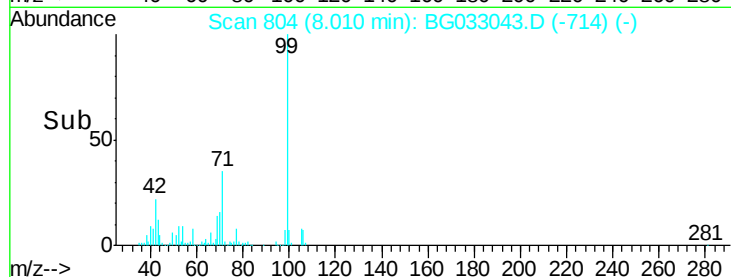
42 21.7 14.1 21.1#

71 35.3 26.1 39.1

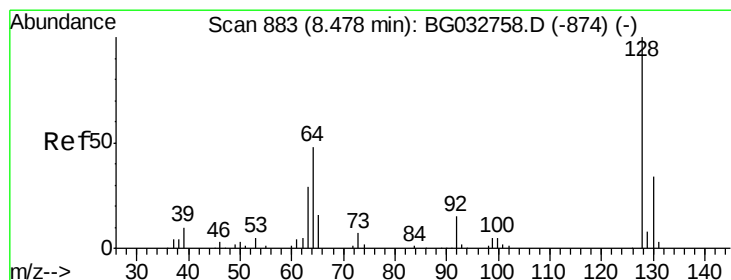


Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC

8.01



Time--> 7.90 8.01 8.10



#8

2-Chlorophenol

Concen: 49.281 ng

RT: 8.46 min Scan# 880

Delta R.T. 0.00 min

Lab File: BG033043.D

Acq: 8 Mar 2018 16:37

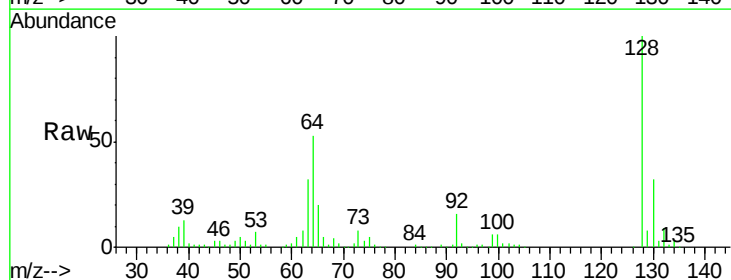
Tgt Ion: 128 Resp: 196857

Ion Ratio Lower Upper

128 100

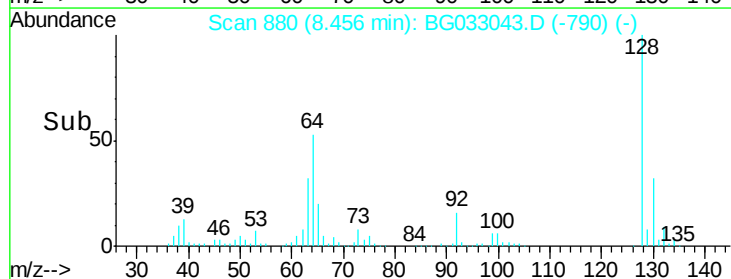
130 32.4 14.0 54.0

64 52.7 37.7 77.7

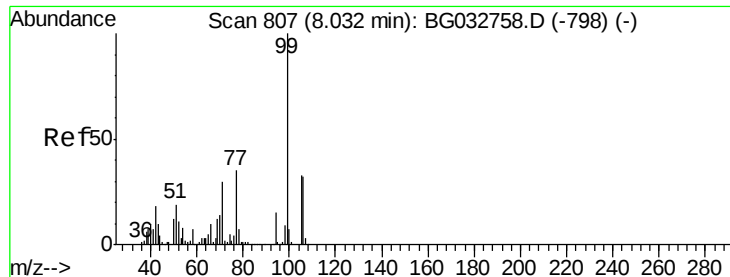


Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC

8.46



Time--> 8.35 8.40 8.45 8.50 8.55



#9

Benzaldehyde

Concen: 16.876 ng

RT: 8.01 min Scan# 804

Delta R.T. 0.00 min

Lab File: BG033043.D

Acq: 8 Mar 2018 16:37

Instrument :

BNA_G

ClientSampleId :

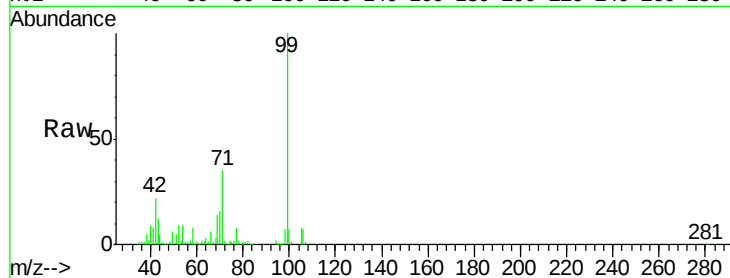
Tot Ion: 77 Resp: 49478

Ion Ratio Lower Upper

77 100

105 96.2 71.3 111.3

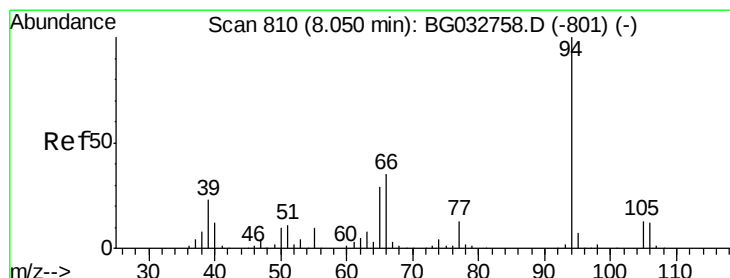
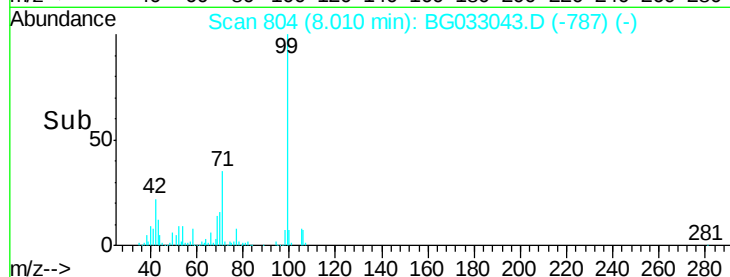
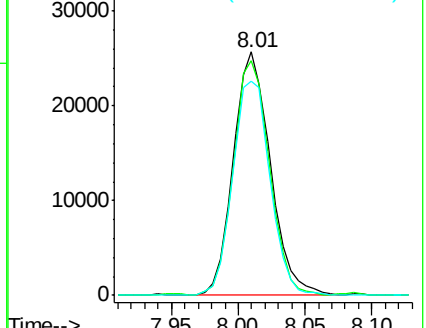
106 88.2 64.2 104.2



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: 42.971 ng

RT: 8.04 min Scan# 809

Delta R.T. 0.01 min

Lab File: BG033043.D

Acq: 8 Mar 2018 16:37

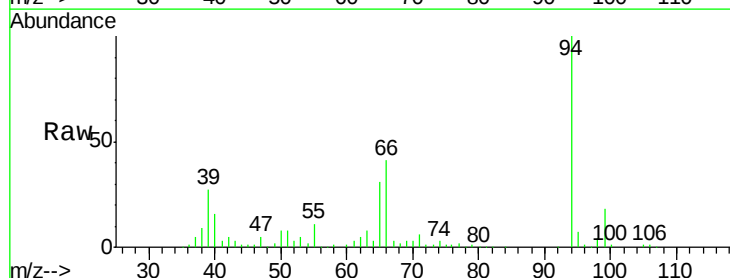
Tgt Ion: 94 Resp: 220352

Ion Ratio Lower Upper

94 100

65 30.6 11.9 51.9

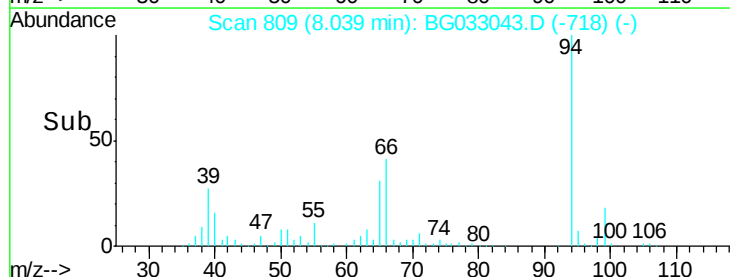
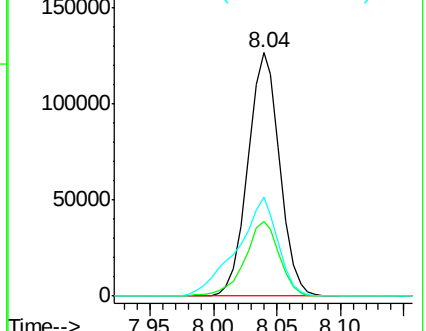
66 40.8 22.2 62.2

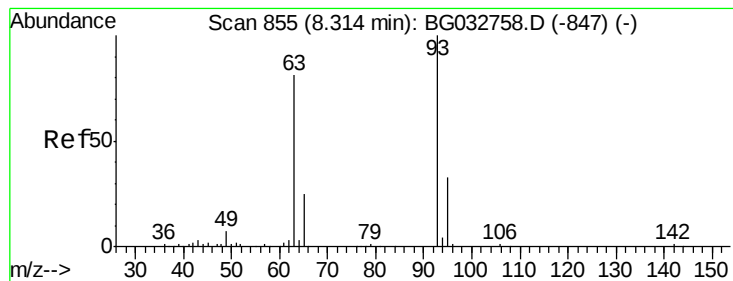


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



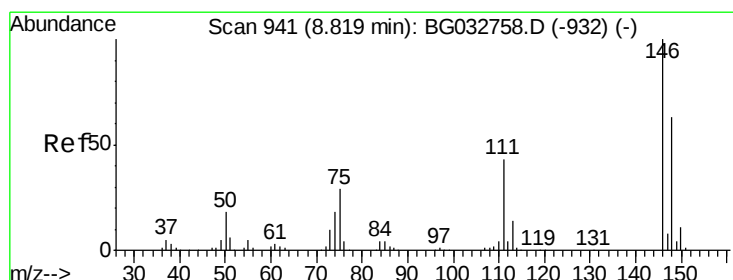
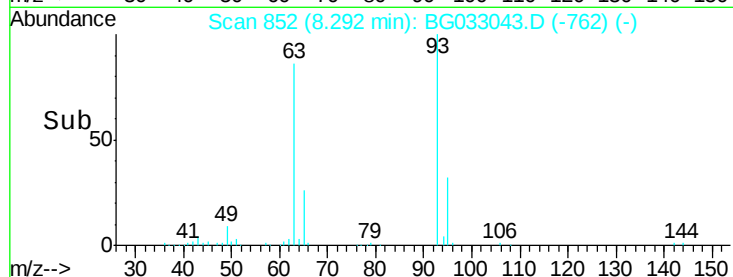
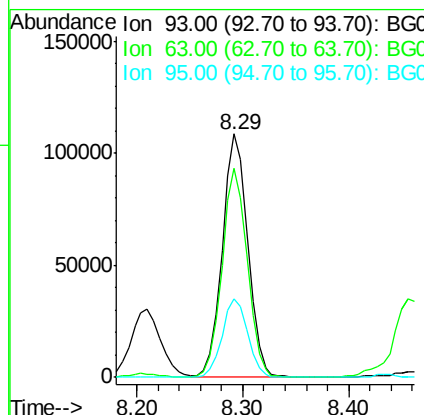
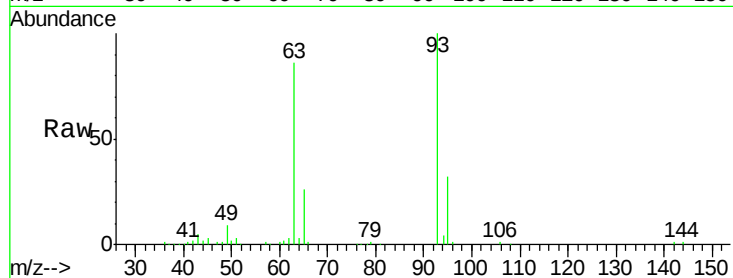


#11

bis(2-Chloroethyl)ether
Concen: 43.508 ng
RT: 8.29 min Scan# 852
Delta R.T. 0.00 min
Lab File: BG033043.D
Acq: 8 Mar 2018 16:37

Instrument :
BNA_G
ClientSampleId :

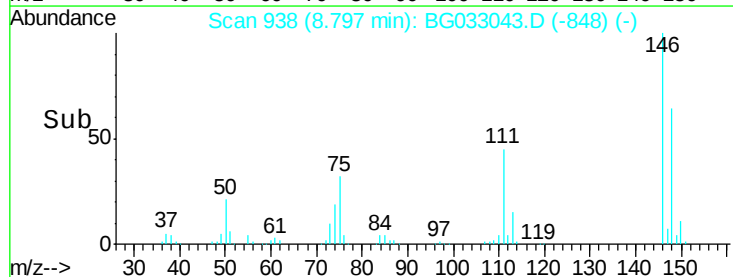
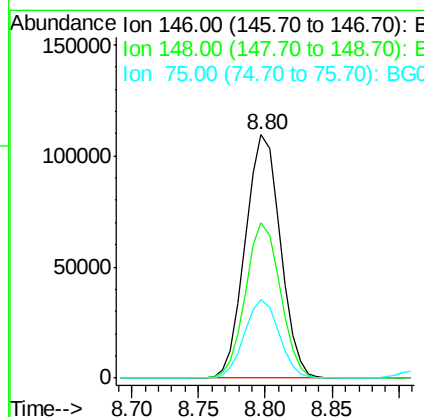
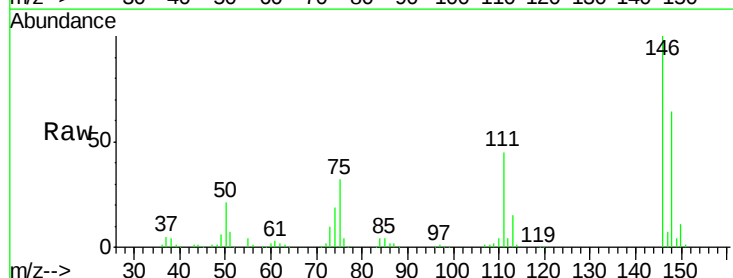
Tot Ion: 93 Resp: 182434
Ion Ratio Lower Upper
93 100
63 85.9 67.1 107.1
95 32.0 11.5 51.5

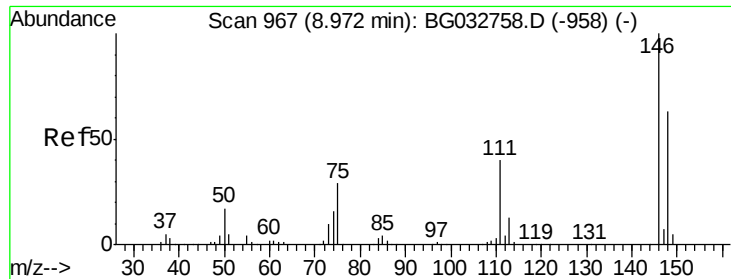


#12

1,3-Dichlorobenzene
Concen: 42.425 ng
RT: 8.80 min Scan# 938
Delta R.T. 0.00 min
Lab File: BG033043.D
Acq: 8 Mar 2018 16:37

Tgt Ion: 146 Resp: 198493
Ion Ratio Lower Upper
146 100
148 64.0 51.4 77.2
75 32.2 26.6 39.8

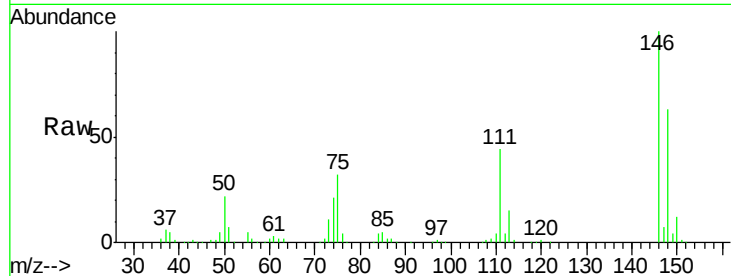




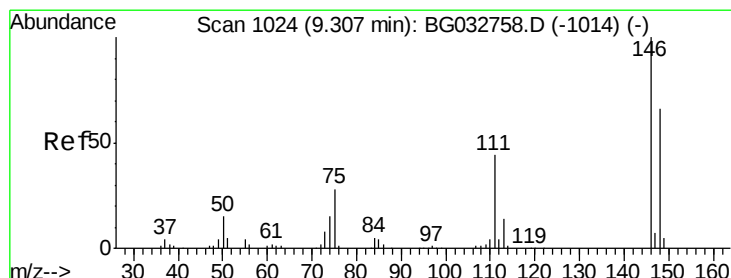
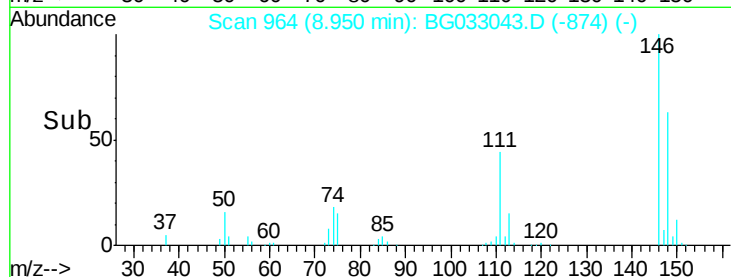
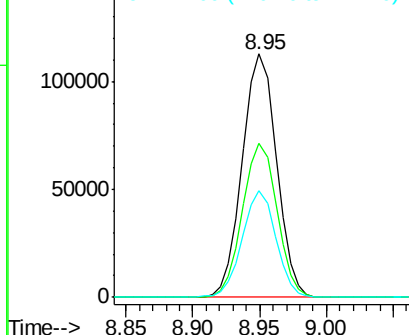
#13
 1,4-Dichlorobenzene
 Concen: 42.647 ng
 RT: 8.95 min Scan# 964
 Delta R.T. 0.00 min
 Lab File: BG033043.D
 Acq: 8 Mar 2018 16:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 200850
 Ion Ratio Lower Upper
 146 100
 148 63.3 53.7 80.5
 111 43.7 35.2 52.8

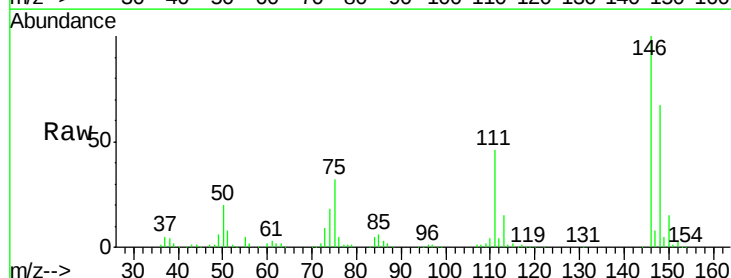


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

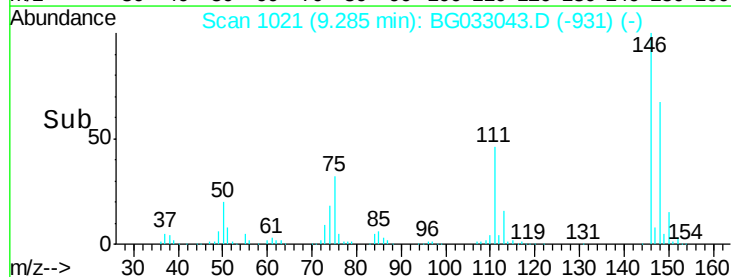
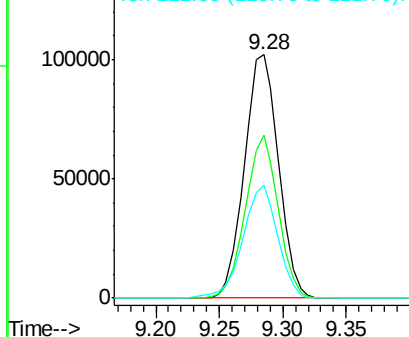


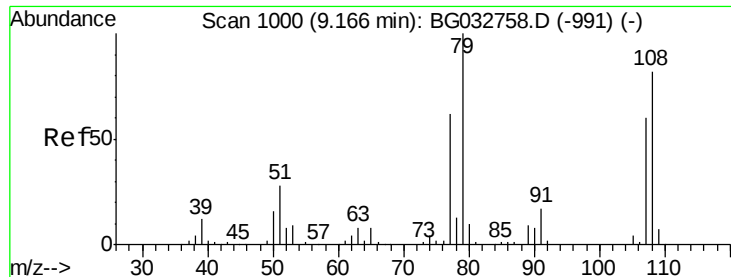
#14
 1,2-Dichlorobenzene
 Concen: 42.280 ng
 RT: 9.28 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BG033043.D
 Acq: 8 Mar 2018 16:37

Tgt Ion:146 Resp: 190809
 Ion Ratio Lower Upper
 146 100
 148 67.1 49.3 73.9
 111 46.2 34.3 51.5



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





#15

Benzyl Alcohol

Concen: 43.000 ng

RT: 9.14 min Scan# 997

Delta R.T. 0.00 min

Lab File: BG033043.D

Acq: 8 Mar 2018 16:37

Instrument :

BNA_G

ClientSampled :

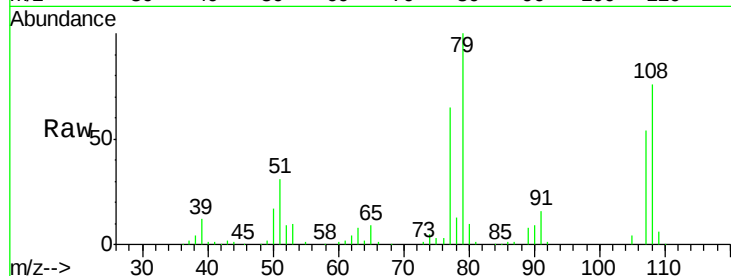
Tot Ion: 79 Resp: 160807

Ion Ratio Lower Upper

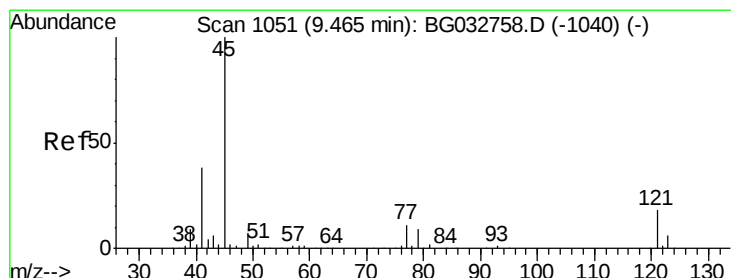
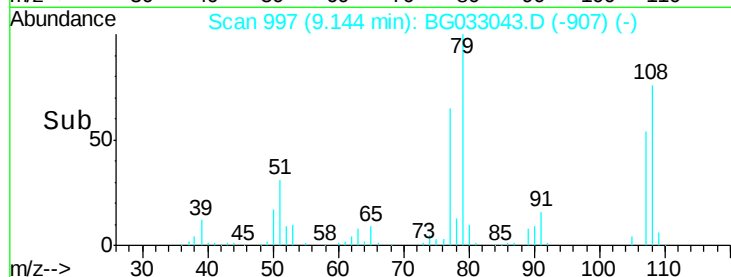
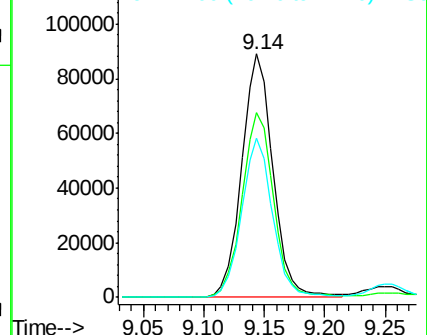
79 100

108 76.0 57.2 85.8

77 65.5 46.1 69.1



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 49.615 ng

RT: 9.44 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BG033043.D

Acq: 8 Mar 2018 16:37

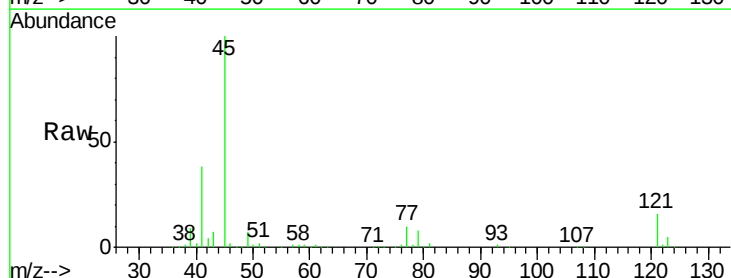
Tgt Ion: 45 Resp: 357640

Ion Ratio Lower Upper

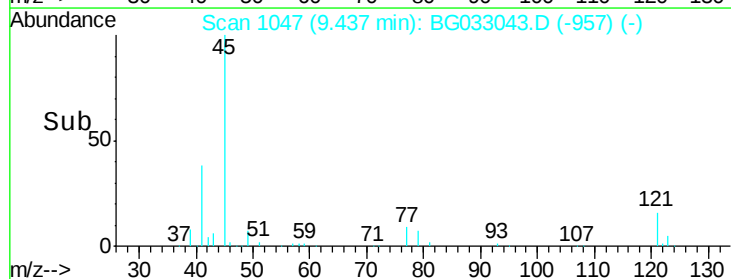
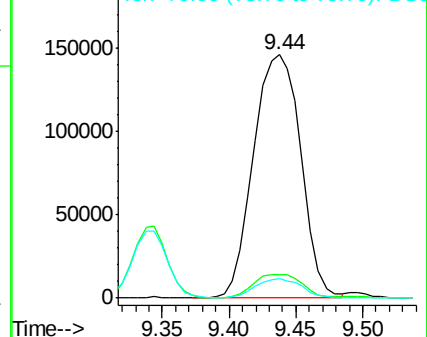
45 100

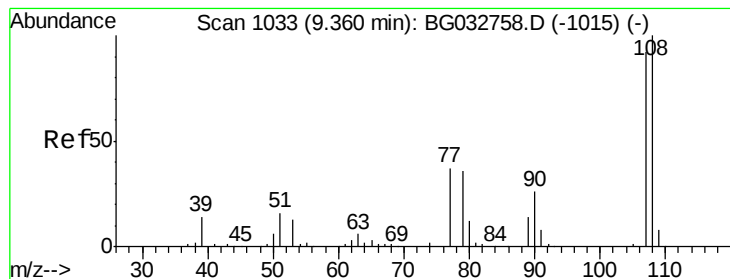
77 9.8 0.0 30.2

79 8.0 0.0 27.9



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 44.169 ng

RT: 9.34 min Scan# 1031

Delta R.T. 0.01 min

Lab File: BG033043.D

Acq: 8 Mar 2018 16:37

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 167016

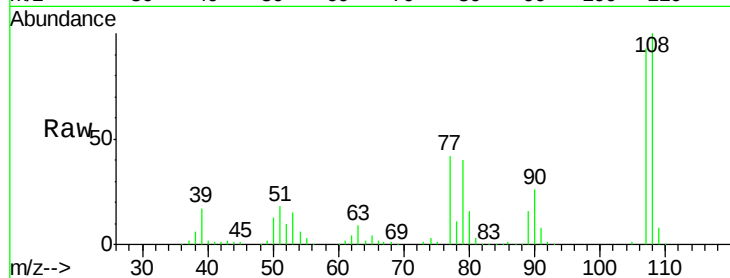
Ion Ratio Lower Upper

107 100

108 107.9 83.9 125.9

77 45.3 37.2 55.8

79 42.6 36.2 54.2

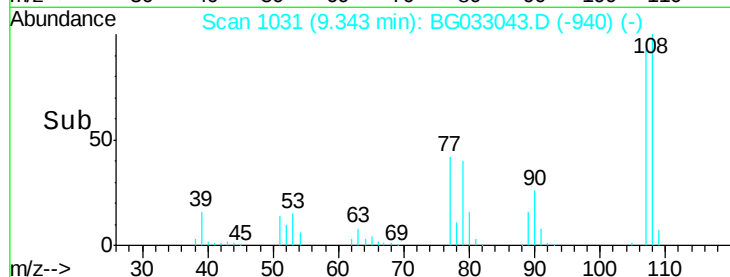


Abundance Ion 107.00 (106.70 to 107.70): E

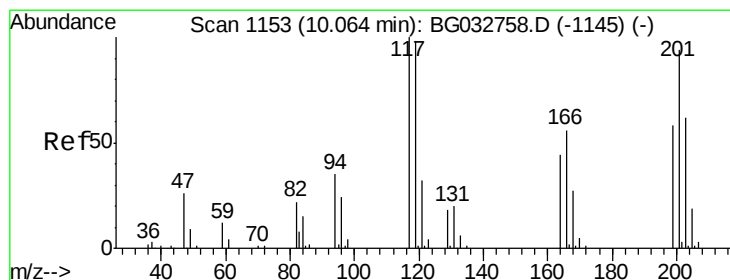
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 46.040 ng

RT: 10.04 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BG033043.D

Acq: 8 Mar 2018 16:37

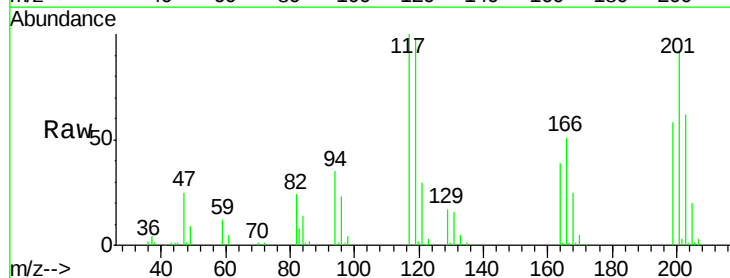
Tgt Ion:117 Resp: 73826

Ion Ratio Lower Upper

117 100

119 97.7 76.7 115.1

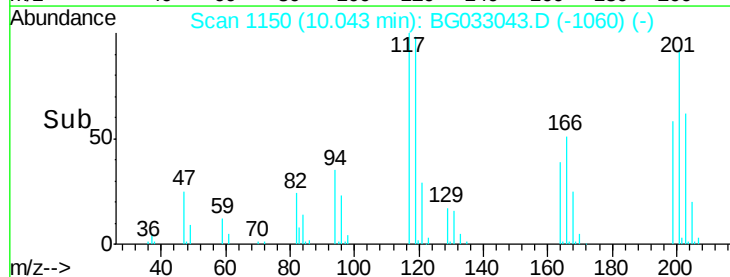
201 92.3 95.7 143.5#



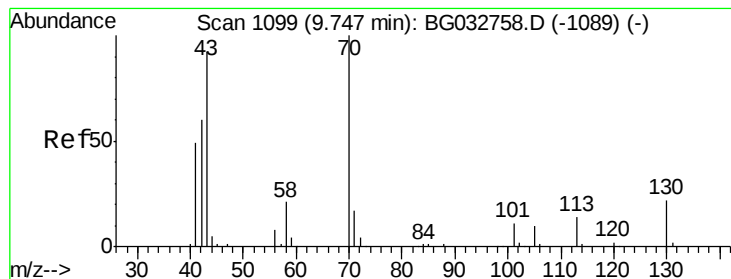
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 43.587 ng

RT: 9.73 min Scan# 1096

Delta R.T. 0.00 min

Lab File: BG033043.D

Acq: 8 Mar 2018 16:37

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 156531

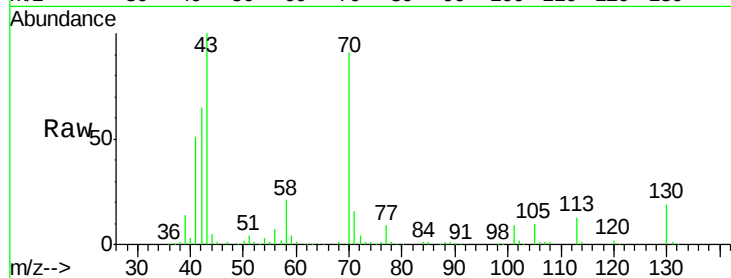
Ion Ratio Lower Upper

70 100

42 71.2 49.1 73.7

101 10.1 8.5 12.7

130 21.4 13.4 20.0#

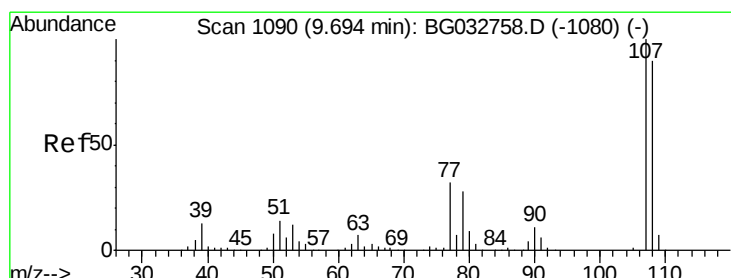
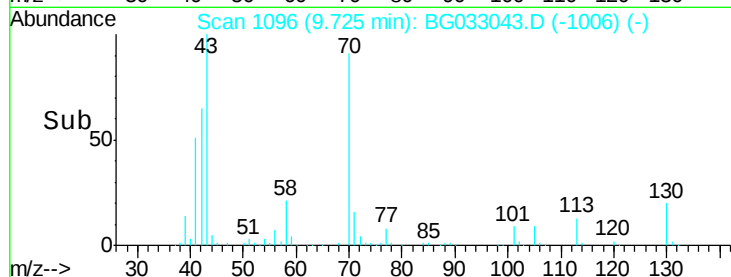
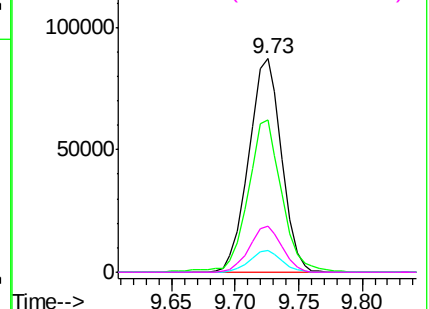


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 43.438 ng

RT: 9.67 min Scan# 1087

Delta R.T. 0.00 min

Lab File: BG033043.D

Acq: 8 Mar 2018 16:37

Tgt Ion:107 Resp: 228383

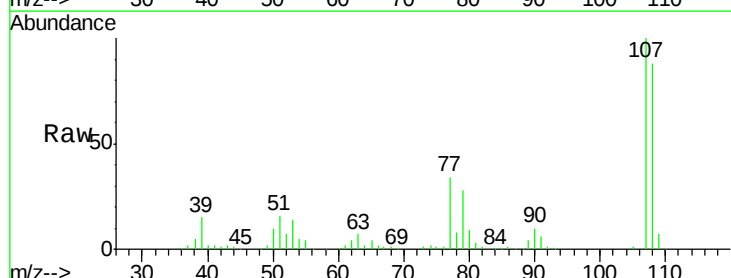
Ion Ratio Lower Upper

107 100

108 88.1 61.6 101.6

77 34.4 13.9 53.9

79 28.3 8.8 48.8

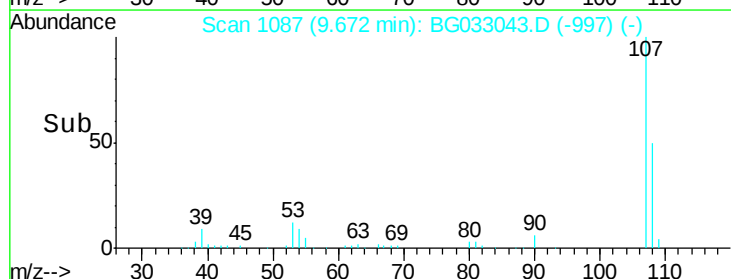
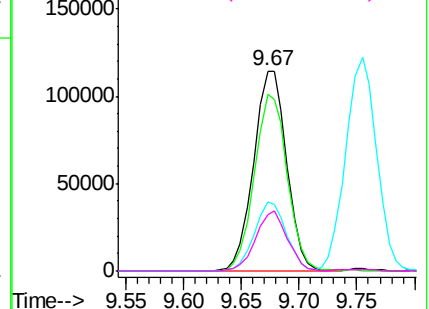


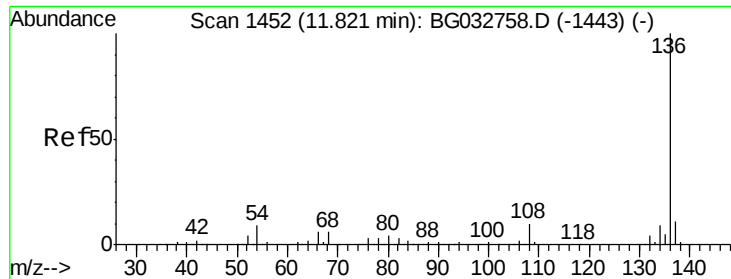
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

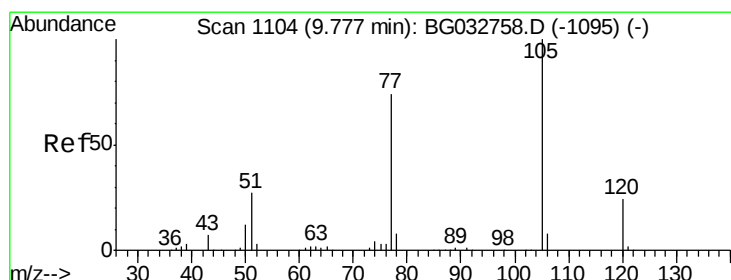
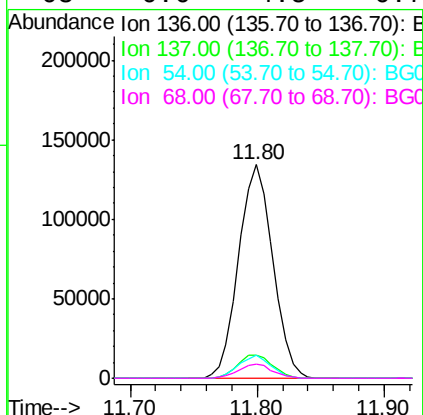
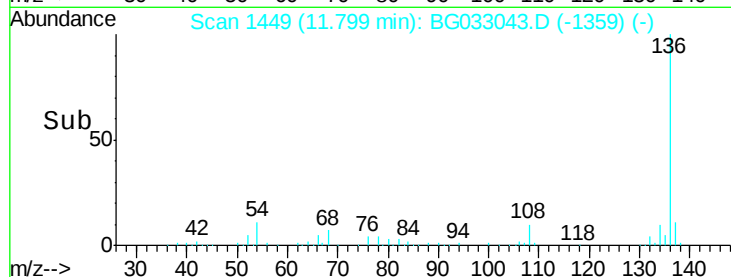
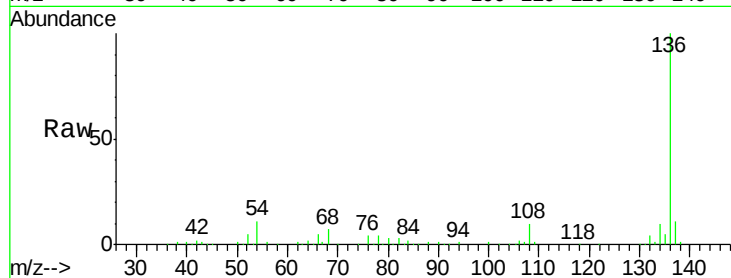




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.80 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BG033043.D
Acq: 8 Mar 2018 16:37

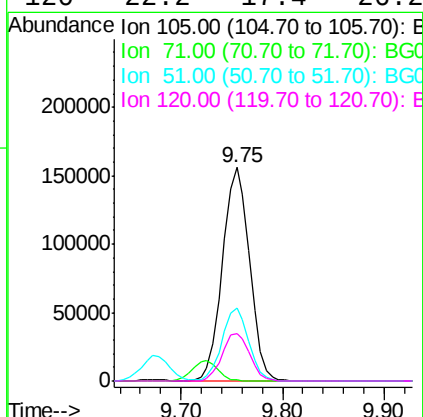
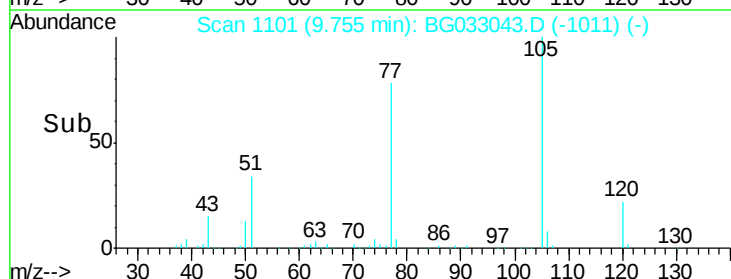
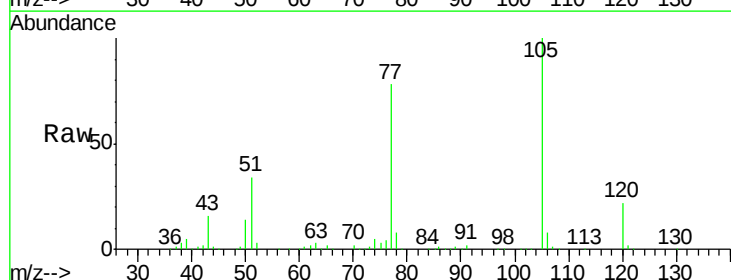
Instrument :
BNA_G
ClientSampleId :

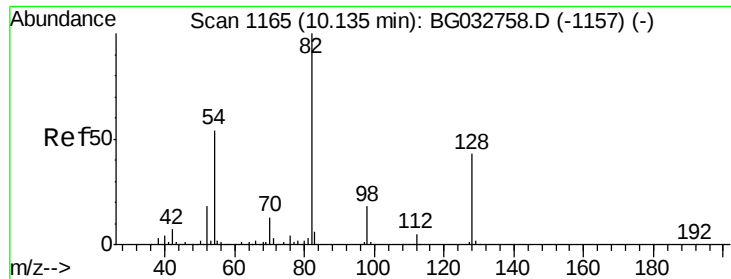
Tot Ion:136	Resp:	251017
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.2 13.8
54	10.7	10.3 15.5
68	6.6	4.5 6.7



#22
Acetophenone
Concen: 45.455 ng
RT: 9.75 min Scan# 1101
Delta R.T. 0.00 min
Lab File: BG033043.D
Acq: 8 Mar 2018 16:37

Tgt Ion:105	Resp:	288159
Ion Ratio	Lower	Upper
105	100	
71	0.3	3.0 4.4#
51	34.1	26.1 39.1
120	22.2	17.4 26.2

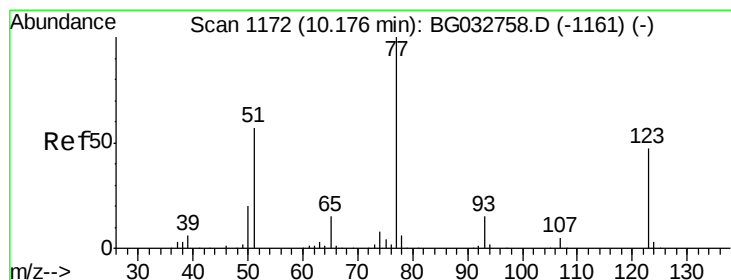
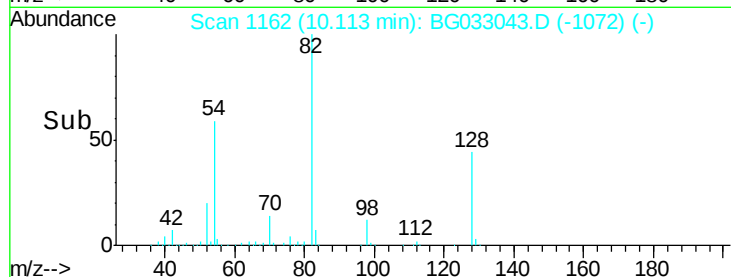
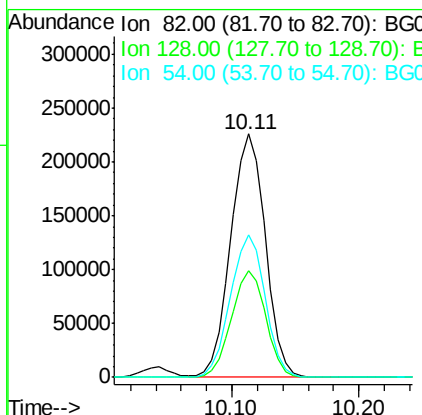
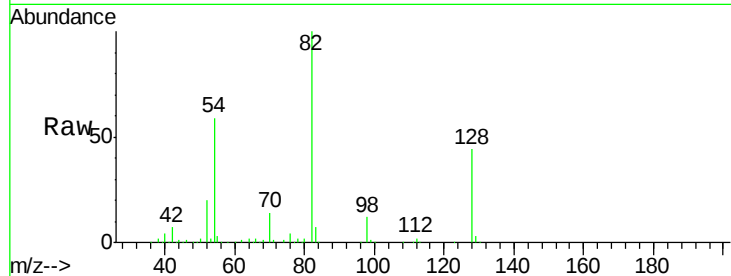




#23
Nitrobenzene-d5
Concen: 114.277 ng
RT: 10.11 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BG033043.D
Acq: 8 Mar 2018 16:37

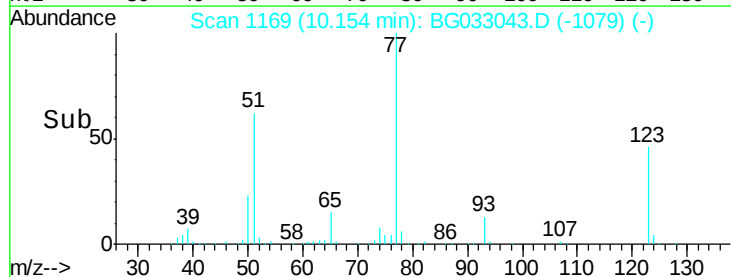
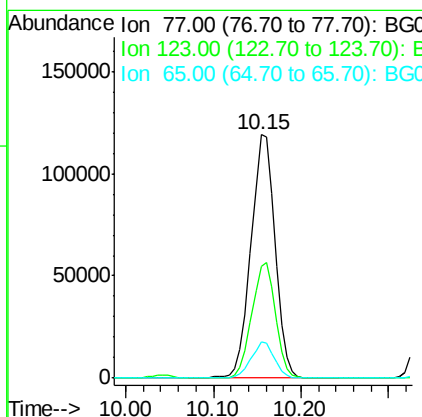
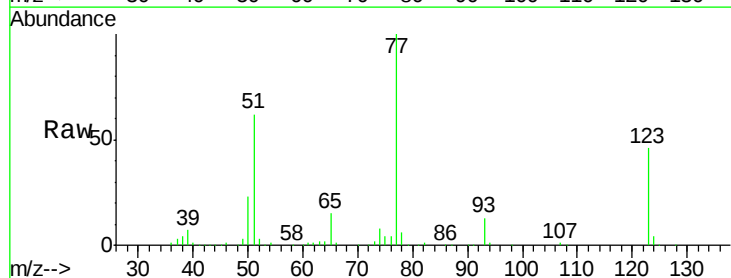
Instrument :
BNA_G
ClientSampled :

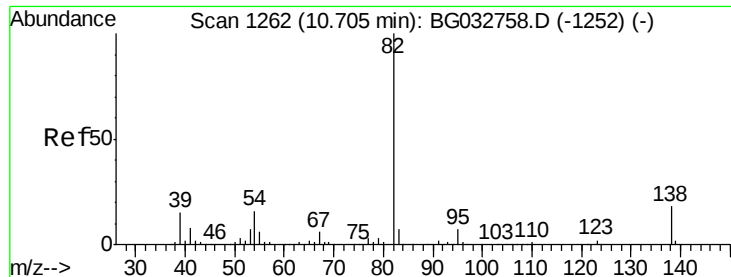
Tot Ion	82	Resp	427344
Ion Ratio	Lower	Upper	
82	100		
128	44.0	29.7	44.5
54	58.6	43.1	64.7



#24
Nitrobenzene
Concen: 54.791 ng
RT: 10.15 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BG033043.D
Acq: 8 Mar 2018 16:37

Tgt Ion	77	Resp	223501
Ion Ratio	Lower	Upper	
77	100		
123	46.1	33.0	49.6
65	14.9	13.0	19.6





#25

Isophorone

Concen: 47.981 ng

RT: 10.68 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BG033043.D

Acq: 8 Mar 2018 16:37

Instrument :

BNA_G

ClientSampleId :

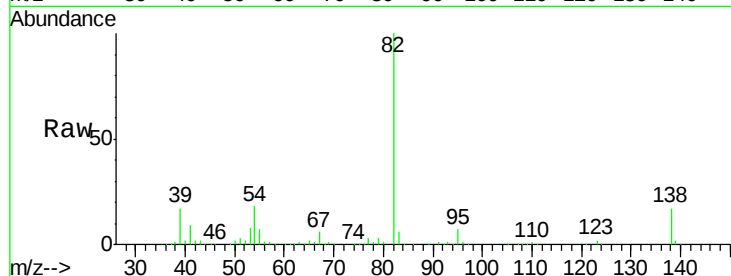
Tot Ion: 82 Resp: 422740

Ion Ratio Lower Upper

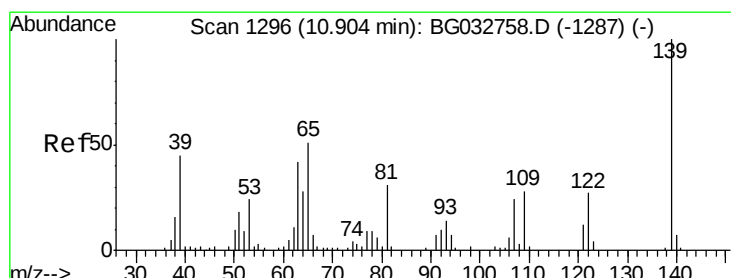
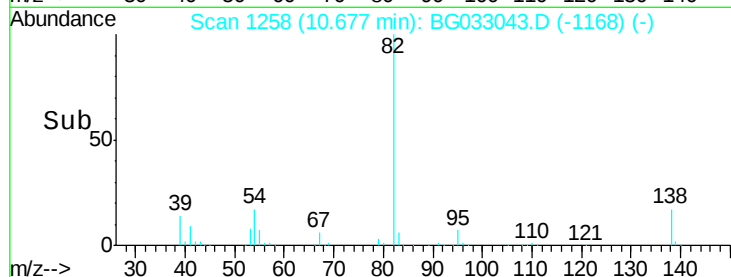
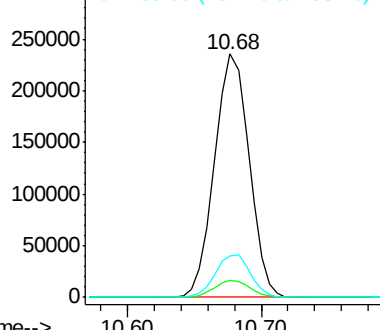
82 100

95 6.8 6.2 9.2

138 17.2 12.1 18.1



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 65.536 ng

RT: 10.88 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BG033043.D

Acq: 8 Mar 2018 16:37

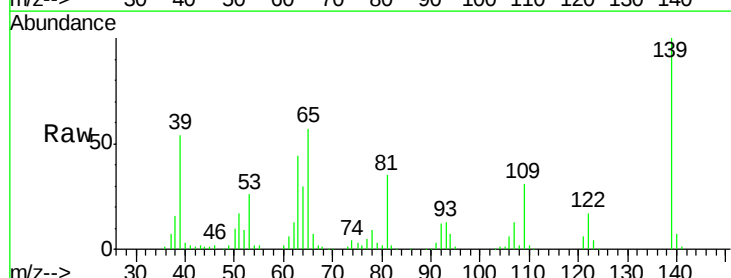
Tgt Ion: 139 Resp: 104731

Ion Ratio Lower Upper

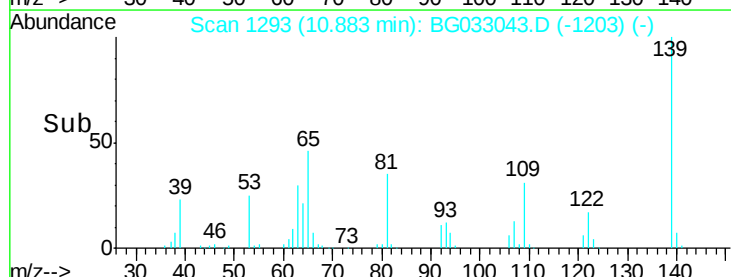
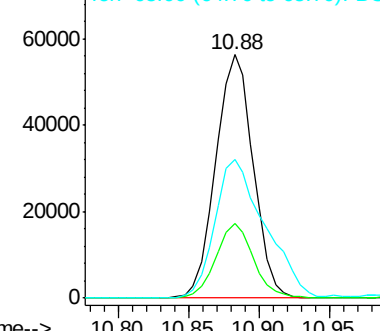
139 100

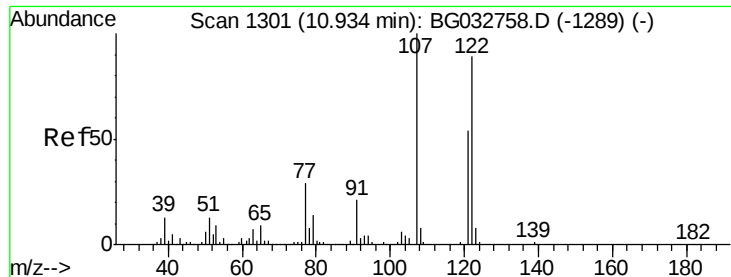
109 30.7 24.2 36.2

65 56.8 47.4 71.0



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

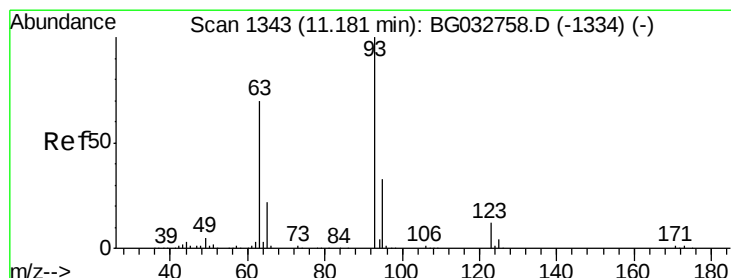
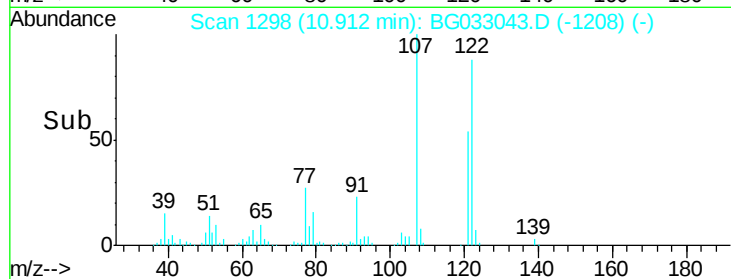
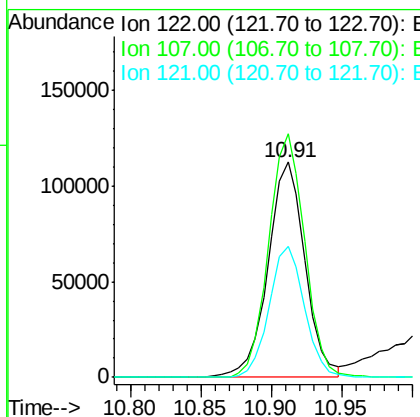
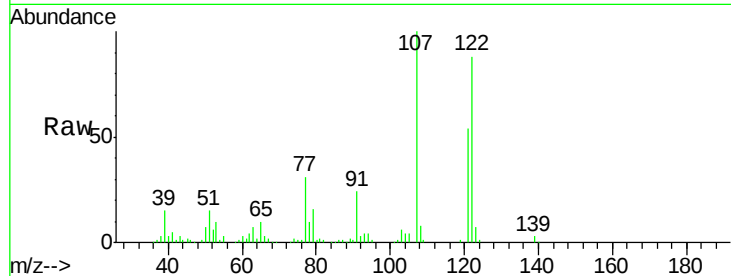




#27
2,4-Dimethylphenol
Concen: 54.045 ng
RT: 10.91 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BG033043.D
Acq: 8 Mar 2018 16:37

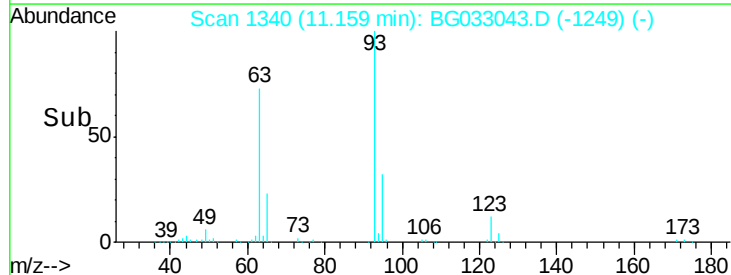
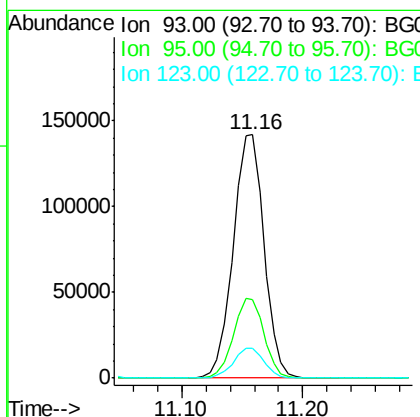
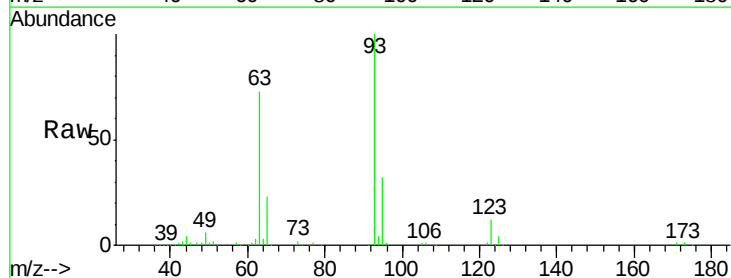
Instrument :
BNA_G
ClientSampleId :

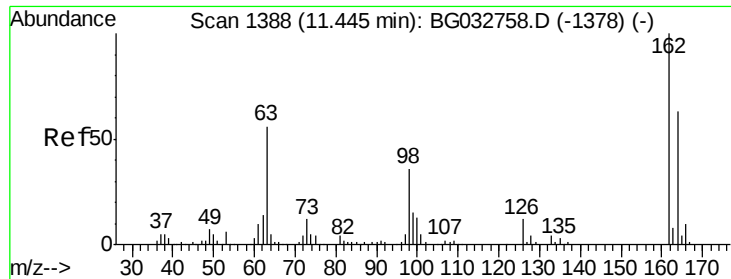
Tot Ion:122 Resp: 206851
Ion Ratio Lower Upper
122 100
107 113.2 100.2 150.2
121 61.0 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 49.196 ng
RT: 11.16 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BG033043.D
Acq: 8 Mar 2018 16:37

Tgt Ion: 93 Resp: 252505
Ion Ratio Lower Upper
93 100
95 32.5 24.3 36.5
123 12.2 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 52.659 ng

RT: 11.42 min Scan# 1385

Delta R.T. 0.00 min

Lab File: BG033043.D

Acq: 8 Mar 2018 16:37

Instrument :

BNA_G

ClientSampleId :

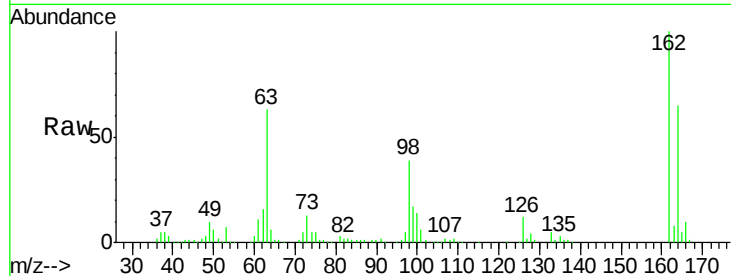
Tot Ion:162 Resp: 182924

Ion Ratio Lower Upper

162 100

164 65.1 48.0 88.0

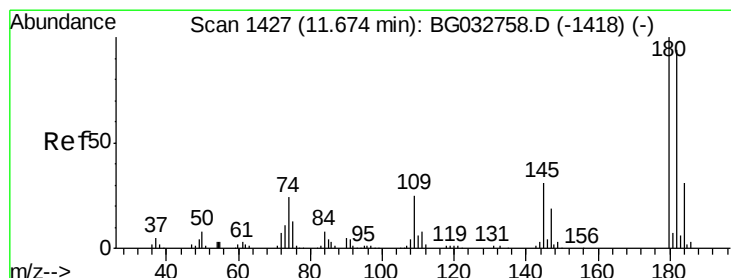
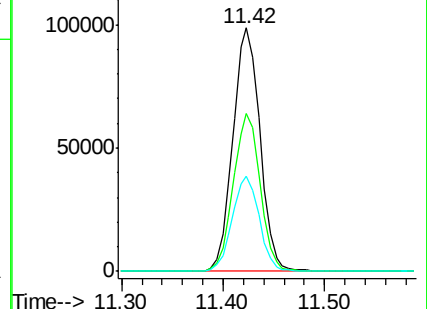
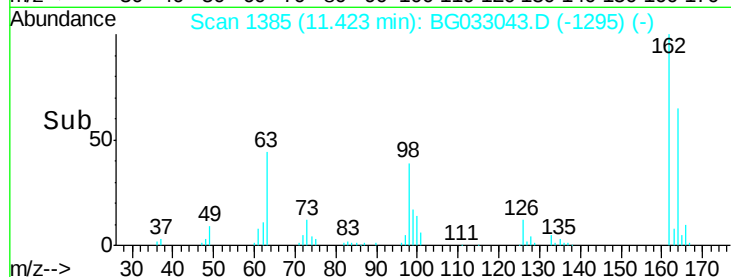
98 38.9 21.1 61.1



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): B



#30

1,2,4-Trichlorobenzene

Concen: 44.199 ng

RT: 11.65 min Scan# 1424

Delta R.T. 0.00 min

Lab File: BG033043.D

Acq: 8 Mar 2018 16:37

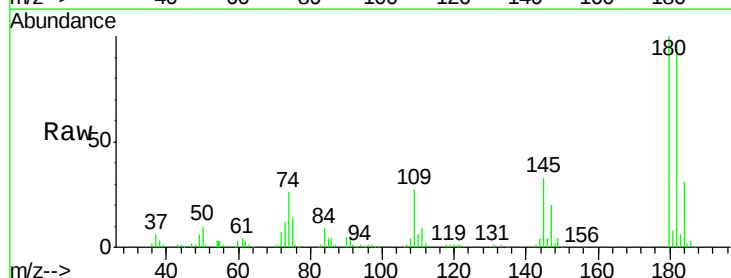
Tgt Ion:180 Resp: 179976

Ion Ratio Lower Upper

180 100

182 96.4 77.5 116.3

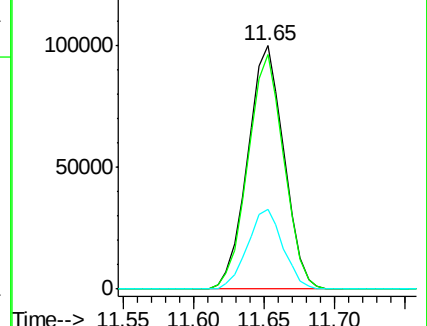
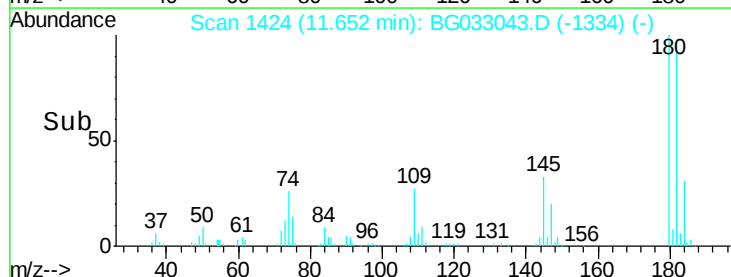
145 32.8 23.4 35.2

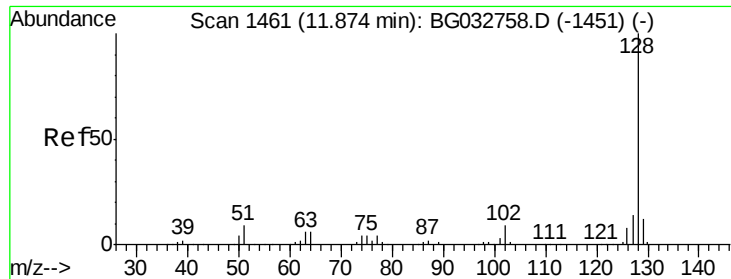


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

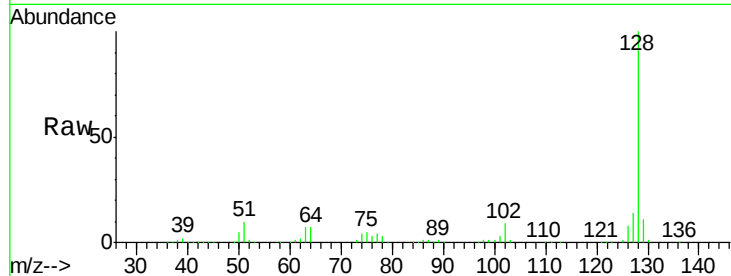




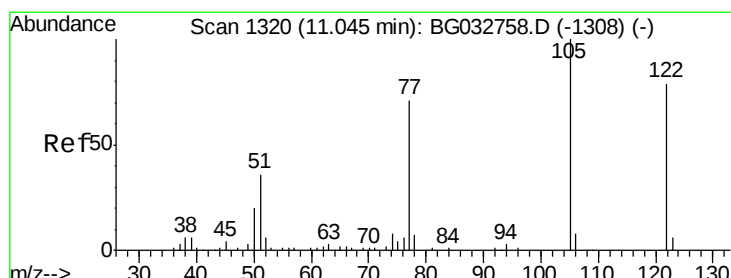
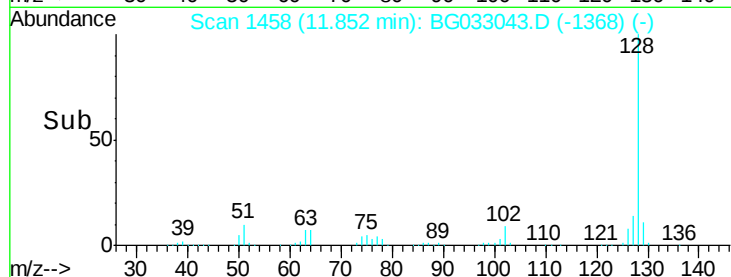
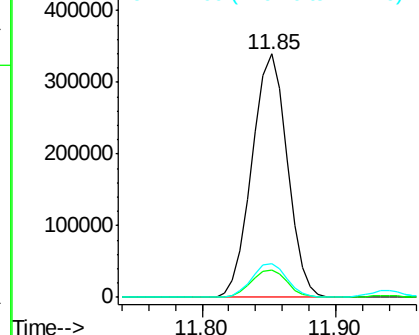
#31
Naphthalene
Concen: 47.347 ng
RT: 11.85 min Scan# 1458
Delta R.T. 0.00 min
Lab File: BG033043.D
Acq: 8 Mar 2018 16:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 621029
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 14.1 11.6 17.4

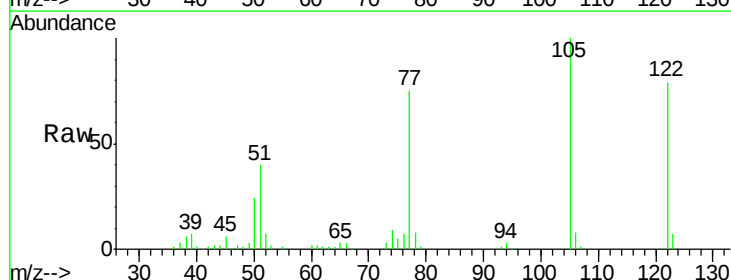


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

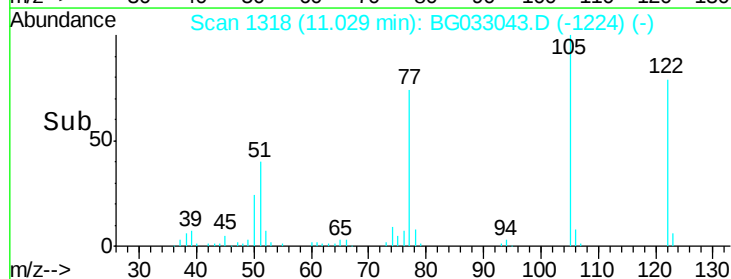
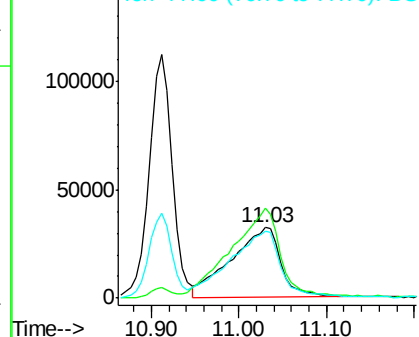


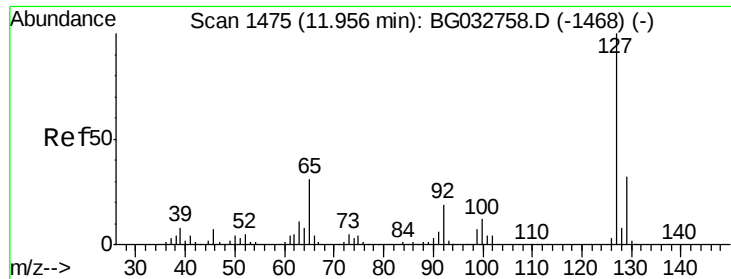
#32
Benzoic acid
Concen: 50.506 ng
RT: 11.03 min Scan# 1318
Delta R.T. 0.02 min
Lab File: BG033043.D
Acq: 8 Mar 2018 16:37

Tgt Ion:122 Resp: 123302
Ion Ratio Lower Upper
122 100
105 126.4 123.5 163.5
77 94.2 85.7 125.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGO

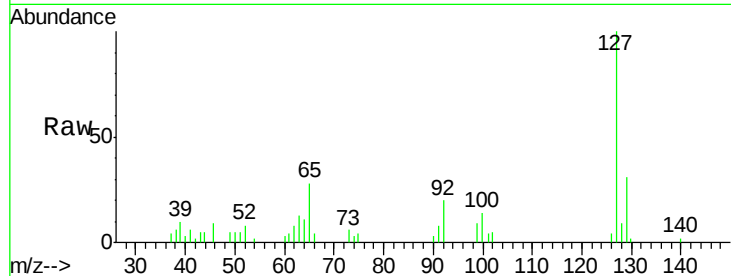




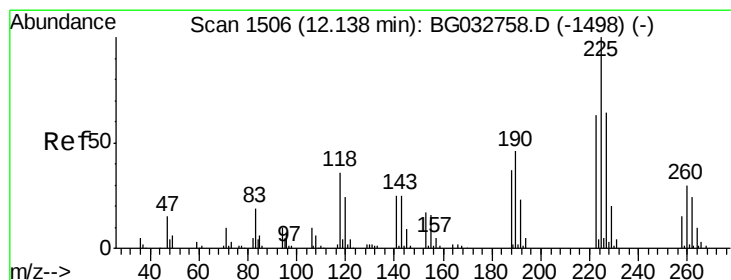
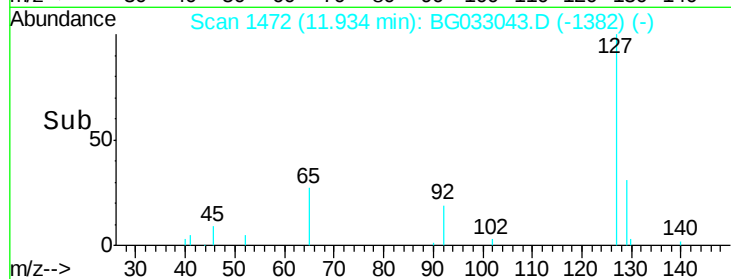
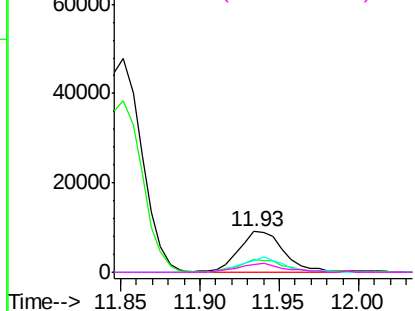
#33
4-Chloroaniline
Concen: 3.122 ng
RT: 11.93 min Scan# 1472
Delta R.T. 0.00 min
Lab File: BG033043.D
Acq: 8 Mar 2018 16:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127 Resp: 18311
Ion Ratio Lower Upper
127 100
129 31.0 24.0 36.0
65 28.1 27.0 40.4
92 19.8 16.6 25.0

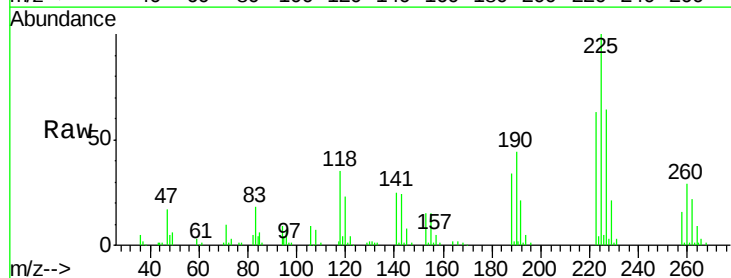


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

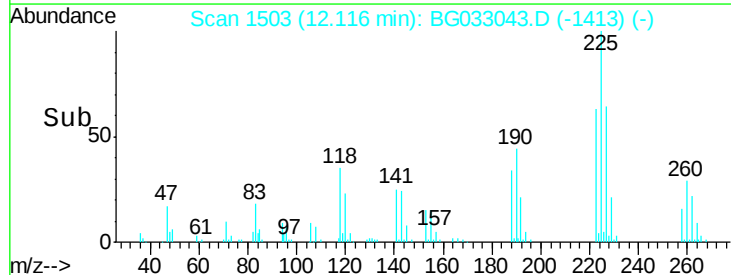
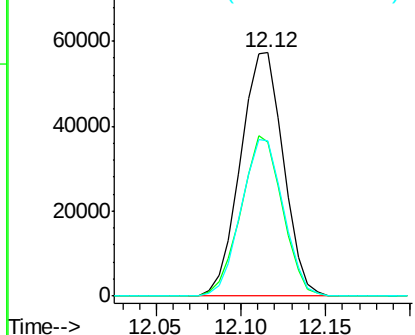


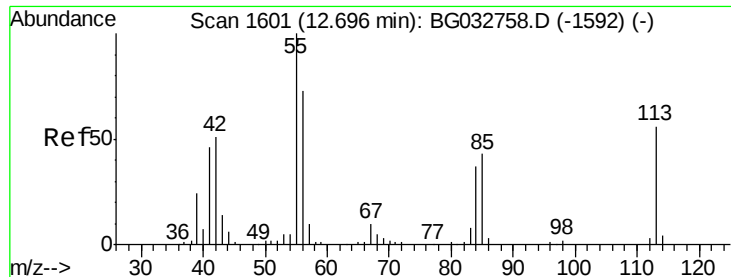
#34
Hexachlorobutadiene
Concen: 44.320 ng
RT: 12.12 min Scan# 1503
Delta R.T. 0.00 min
Lab File: BG033043.D
Acq: 8 Mar 2018 16:37

Tgt Ion:225 Resp: 101228
Ion Ratio Lower Upper
225 100
223 63.3 49.7 74.5
227 63.7 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

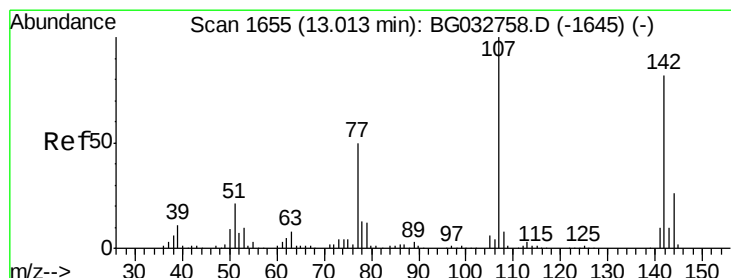
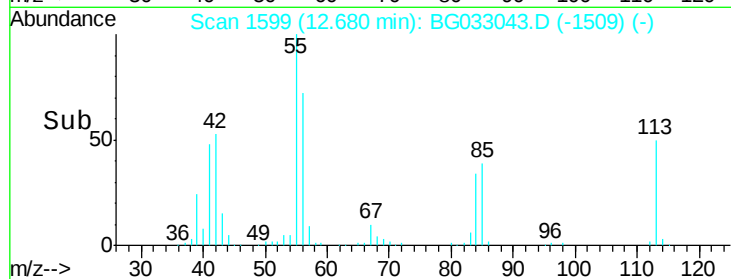
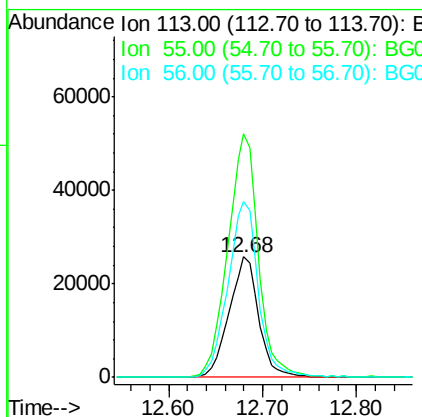
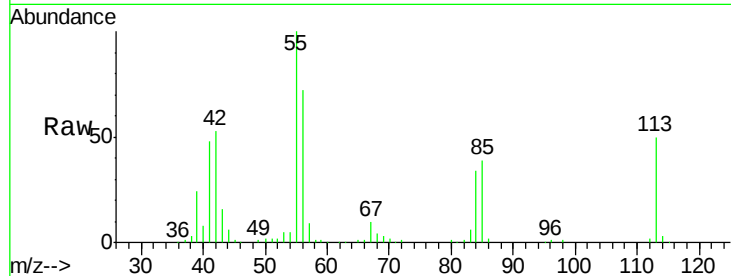




#35
 Caprolactam
 Concen: 40.311 ng
 RT: 12.68 min Scan# 1599
 Delta R.T. 0.00 min
 Lab File: BG033043.D
 Acq: 8 Mar 2018 16:37

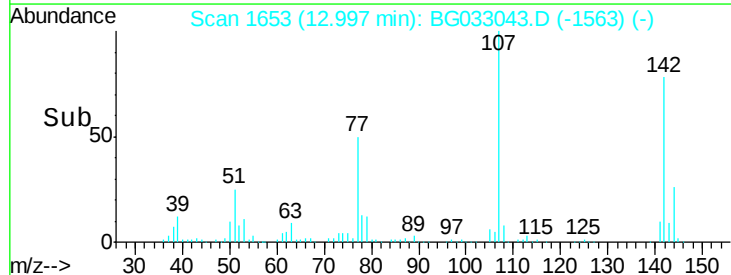
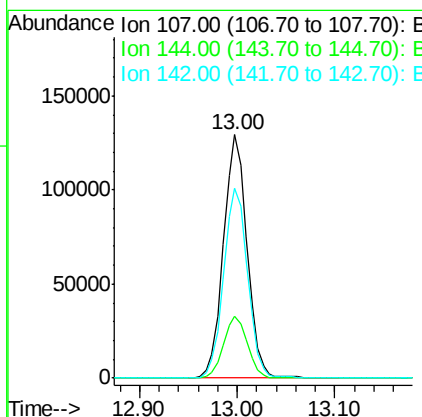
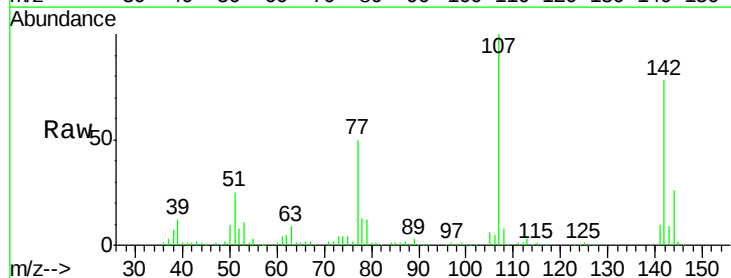
Instrument :
 BNA_G
 ClientSampleId :

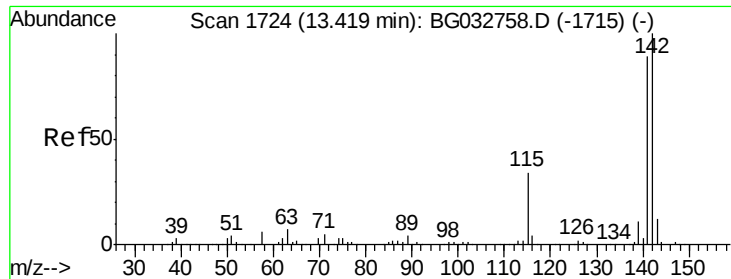
Tot Ion:113 Resp: 56069
 Ion Ratio Lower Upper
 113 100
 55 201.9 186.9 226.9
 56 145.9 130.9 170.9



#36
 4-Chloro-3-methylphenol
 Concen: 53.661 ng
 RT: 13.00 min Scan# 1653
 Delta R.T. 0.00 min
 Lab File: BG033043.D
 Acq: 8 Mar 2018 16:37

Tgt Ion:107 Resp: 216918
 Ion Ratio Lower Upper
 107 100
 144 25.6 18.2 27.4
 142 78.2 59.0 88.4

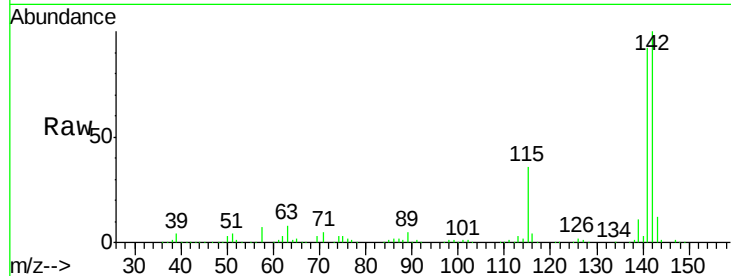




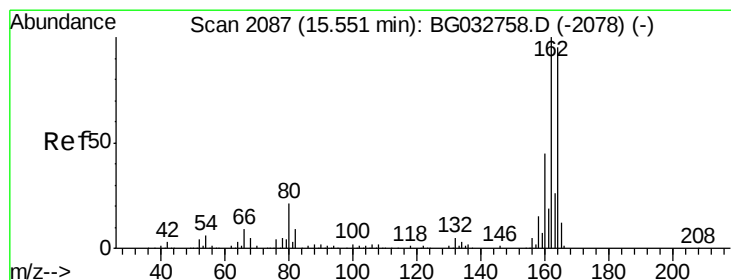
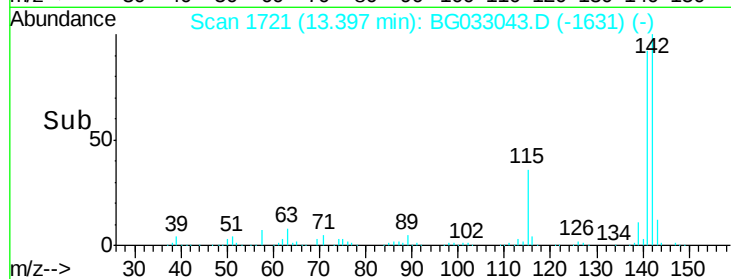
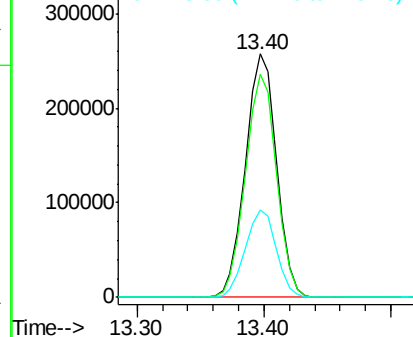
#37
2-Methylnaphthalene
Concen: 46.234 ng
RT: 13.40 min Scan# 1721
Delta R.T. 0.00 min
Lab File: BG033043.D
Acq: 8 Mar 2018 16:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 438742
Ion Ratio Lower Upper
142 100
141 91.6 67.1 100.7
115 35.7 30.7 46.1

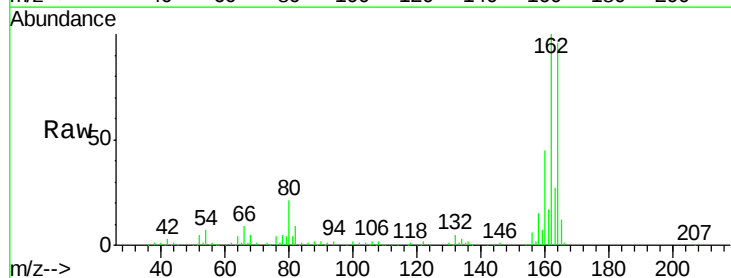


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

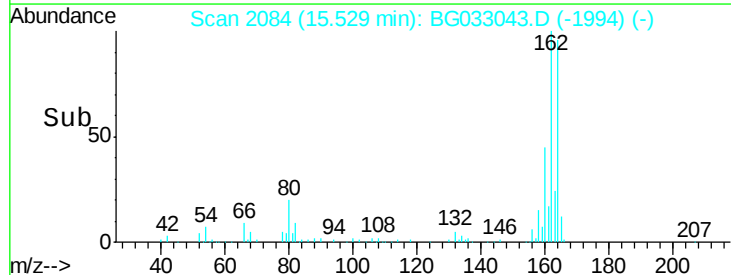
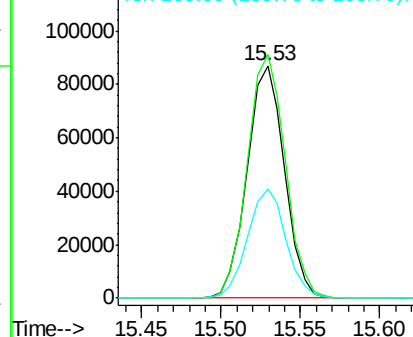


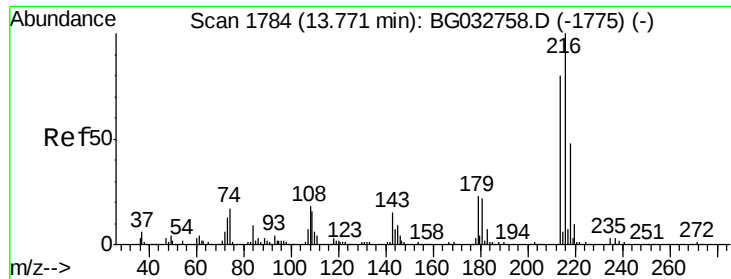
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.53 min Scan# 2084
Delta R.T. 0.00 min
Lab File: BG033043.D
Acq: 8 Mar 2018 16:37

Tgt Ion:164 Resp: 141838
Ion Ratio Lower Upper
164 100
162 104.7 78.8 118.2
160 46.7 35.4 53.0



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.318 ng

RT: 13.75 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BG033043.D

Acq: 8 Mar 2018 16:37

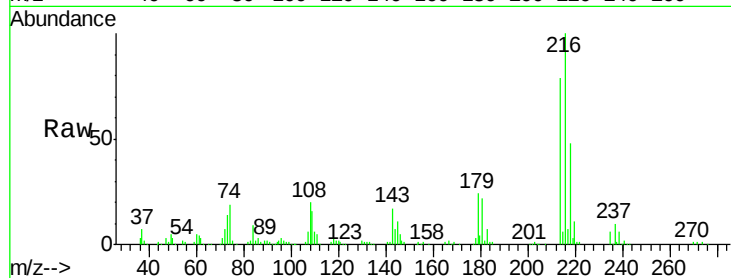
Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 186601

Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.0	94.4
179	24.0	17.0	25.6
108	24.1	12.8	19.2

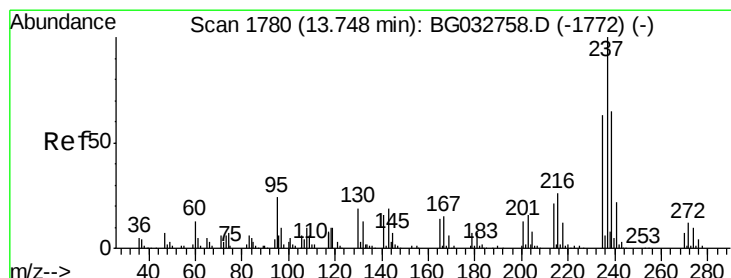
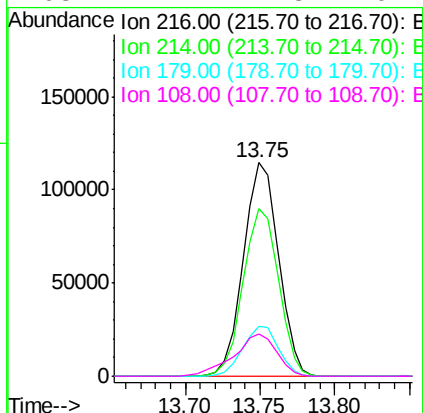
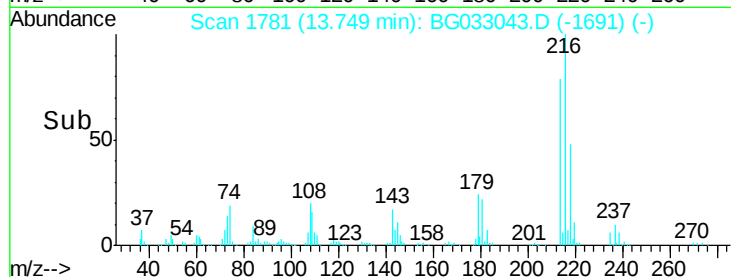


Abundance Ion 216.00 (215.70 to 216.70): E

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: 110.468 ng

RT: 13.73 min Scan# 1777

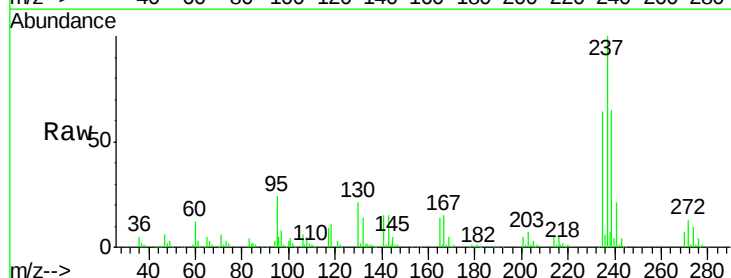
Delta R.T. 0.00 min

Lab File: BG033043.D

Acq: 8 Mar 2018 16:37

Tgt Ion:237 Resp: 237045

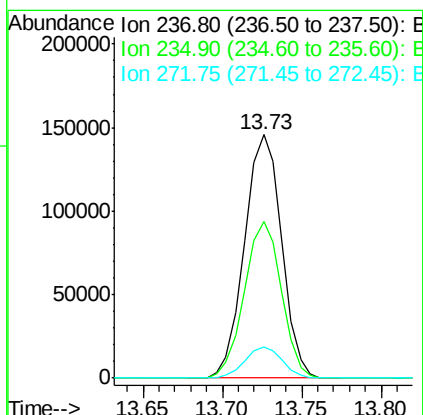
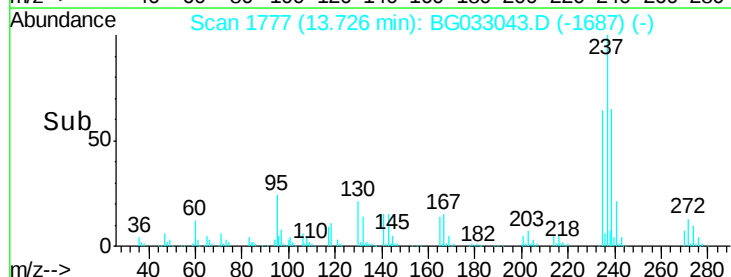
Ion	Ratio	Lower	Upper
237	100		
235	64.5	50.4	90.4
272	12.6	0.0	31.8

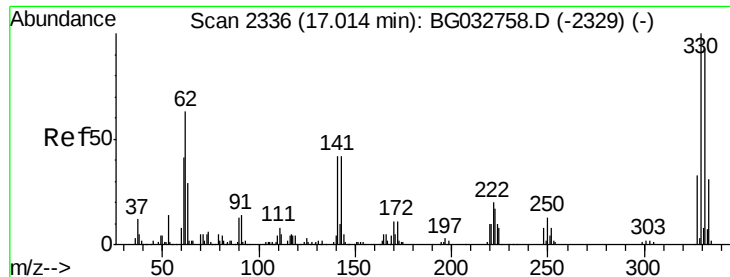


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

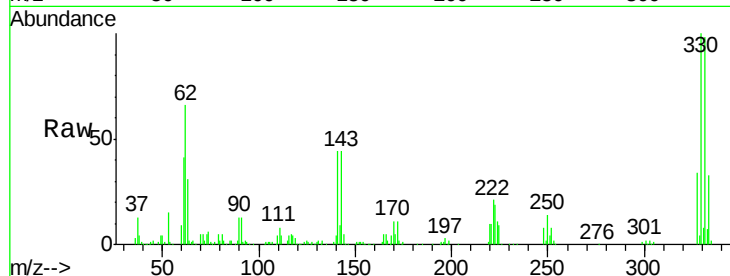




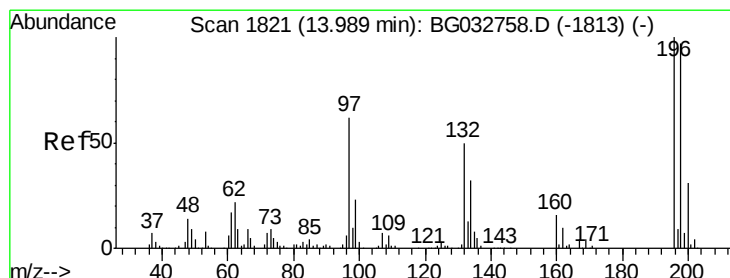
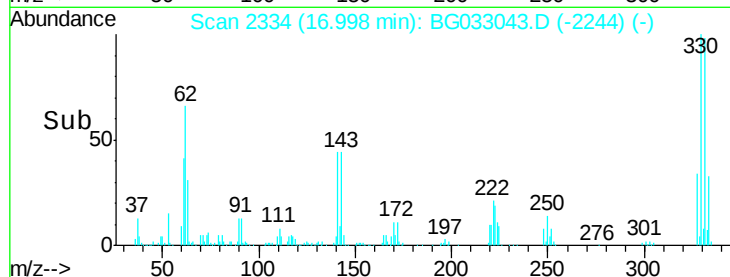
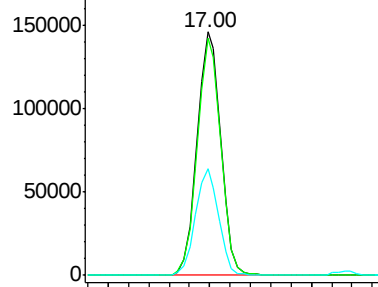
#41
 2,4,6-Tribromophenol
 Concen: 158.687 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. 0.00 min
 Lab File: BG033043.D
 Acq: 8 Mar 2018 16:37

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 236663
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 43.0 25.2 37.8#

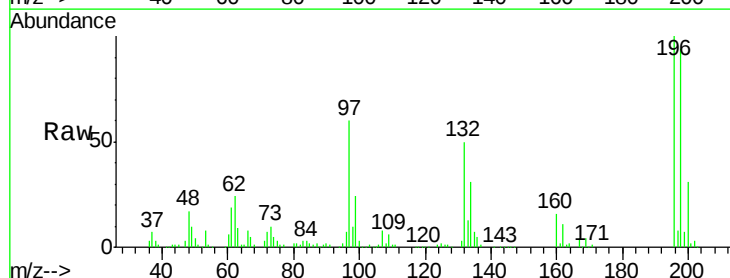


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

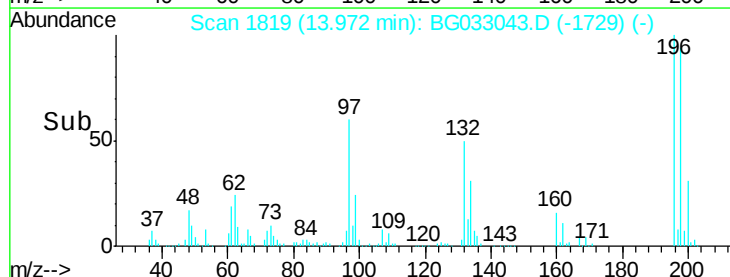
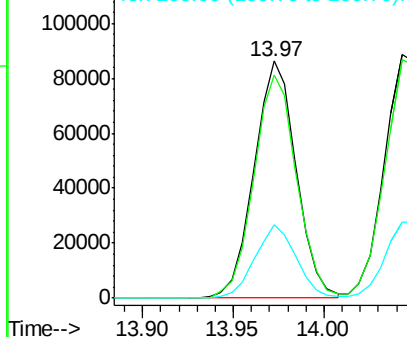


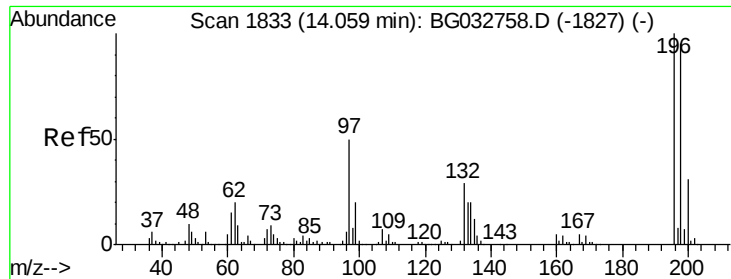
#42
 2,4,6-Trichlorophenol
 Concen: 52.674 ng
 RT: 13.97 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: BG033043.D
 Acq: 8 Mar 2018 16:37

Tgt Ion:196 Resp: 139866
 Ion Ratio Lower Upper
 196 100
 198 94.1 78.2 117.2
 200 30.8 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

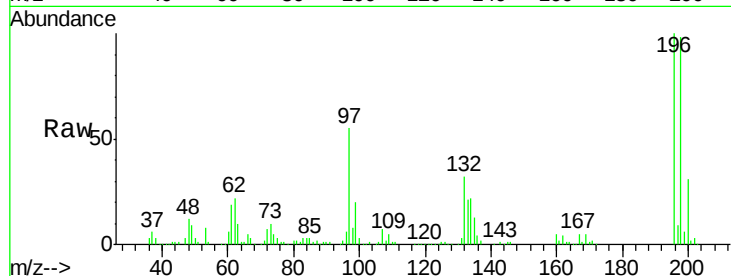




#43
2,4,5-Trichlorophenol
Concen: 49.875 ng
RT: 14.04 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BG033043.D
Acq: 8 Mar 2018 16:37

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.1	76.2	114.4
97	55.1	38.7	58.1
132	31.7	20.2	30.2



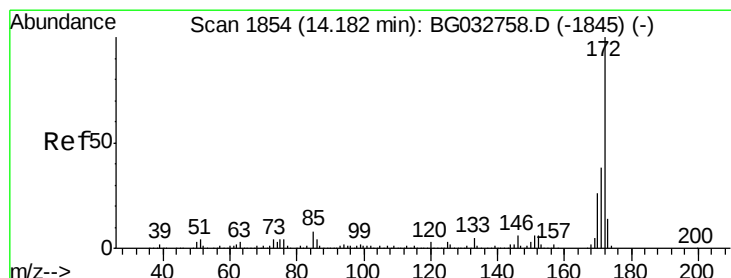
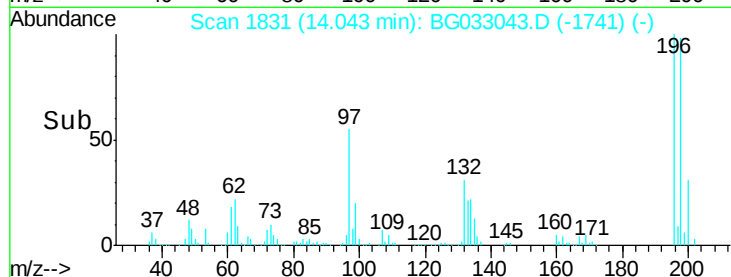
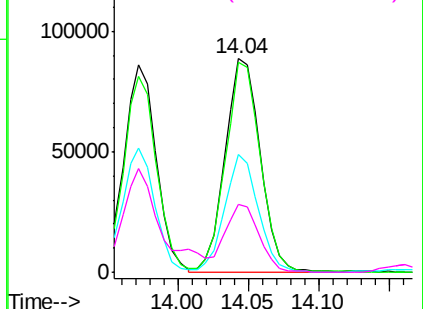
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

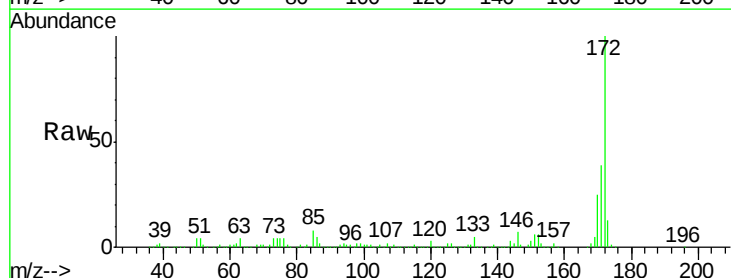
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 88.724 ng
RT: 14.16 min Scan# 1851
Delta R.T. 0.01 min
Lab File: BG033043.D
Acq: 8 Mar 2018 16:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.0	45.0
170	25.4	19.5	29.3

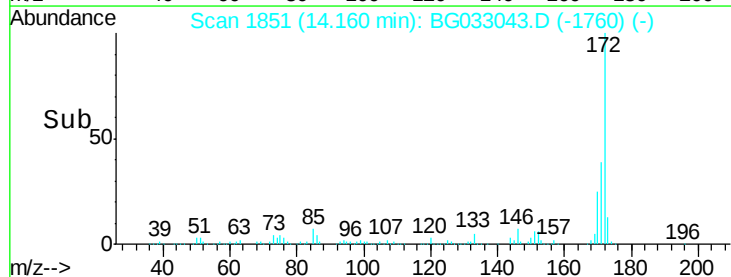
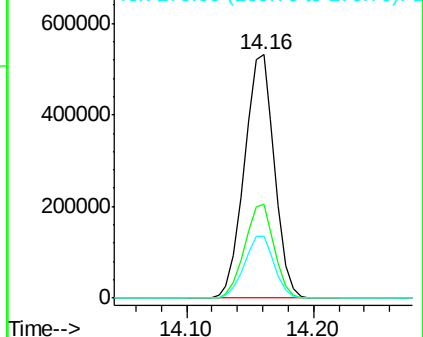


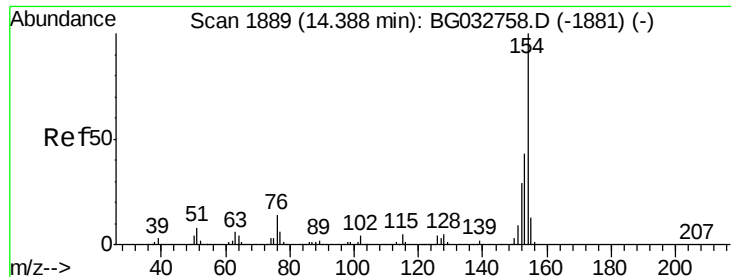
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

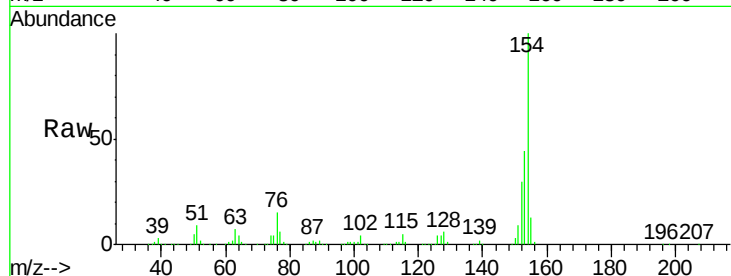




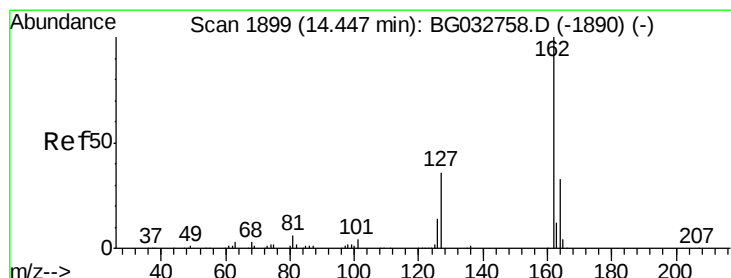
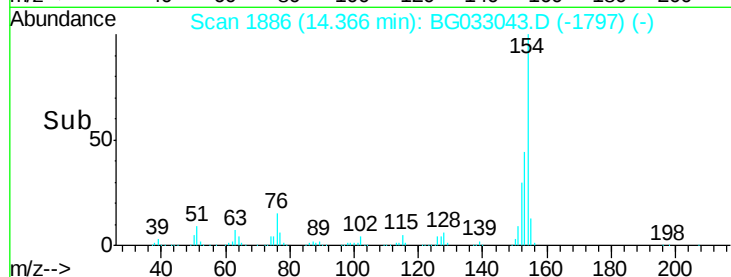
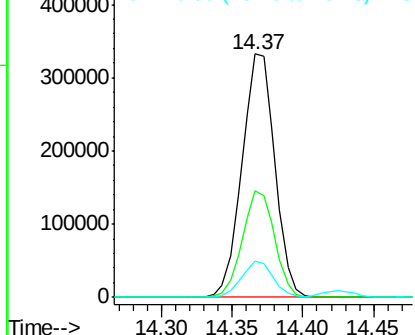
#45
 1,1'-Biphenyl
 Concen: 43.695 ng
 RT: 14.37 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: BG033043.D
 Acq: 8 Mar 2018 16:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	43.9	19.8	59.8
76	14.7	0.0	31.9

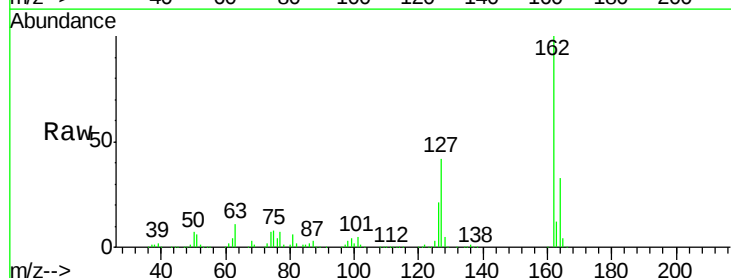


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

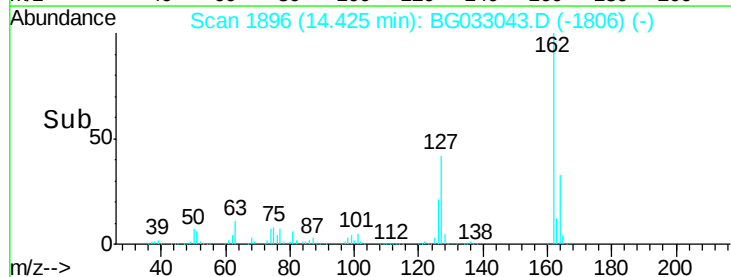
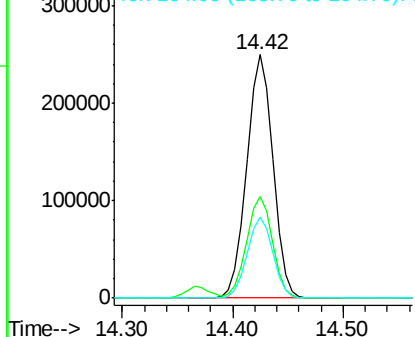


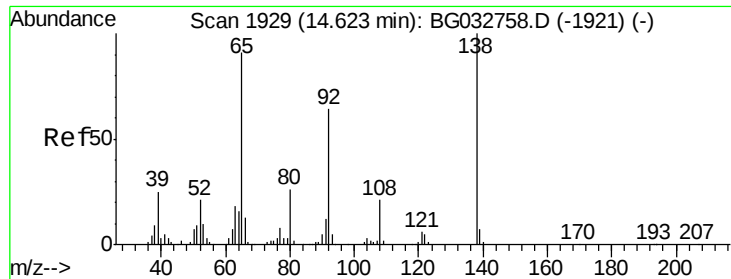
#46
 2-Chloronaphthalene
 Concen: 44.901 ng
 RT: 14.42 min Scan# 1896
 Delta R.T. 0.00 min
 Lab File: BG033043.D
 Acq: 8 Mar 2018 16:37

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.9	30.7	46.1
164	33.3	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: 60.690 ng

RT: 14.61 min Scan# 1927

Delta R.T. 0.00 min

Lab File: BG033043.D

Acq: 8 Mar 2018 16:37

Instrument :

BNA_G

ClientSampleId :

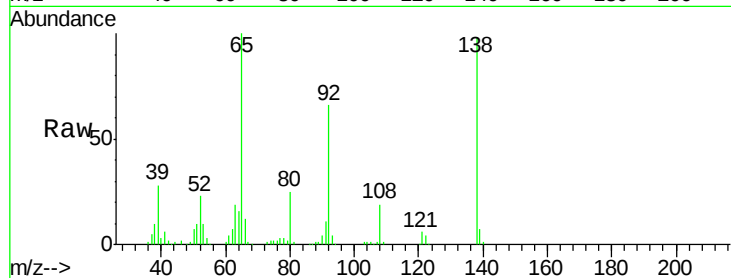
Tot Ion: 65 Resp: 149344

Ion Ratio Lower Upper

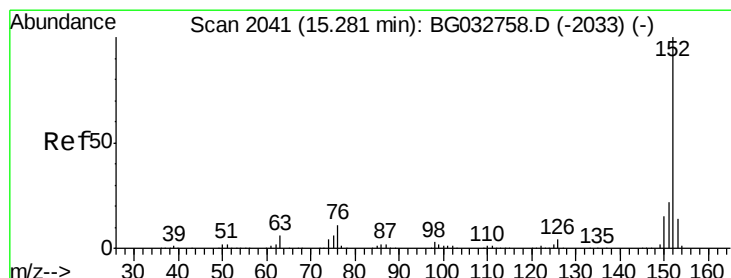
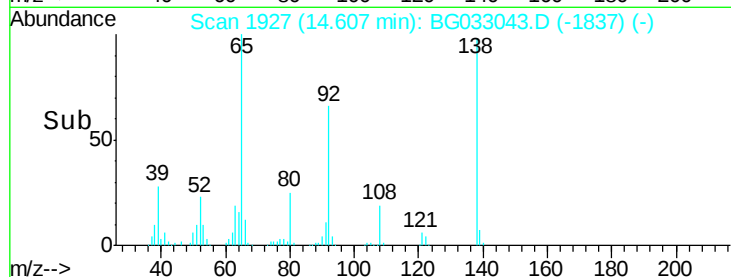
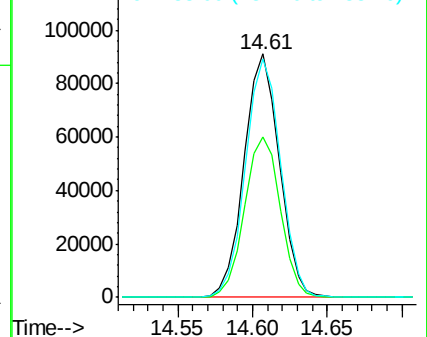
65 100

92 66.0 54.6 82.0

138 98.2 72.9 109.3



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



#48

Acenaphthylene

Concen: 44.814 ng

RT: 15.26 min Scan# 2038

Delta R.T. 0.00 min

Lab File: BG033043.D

Acq: 8 Mar 2018 16:37

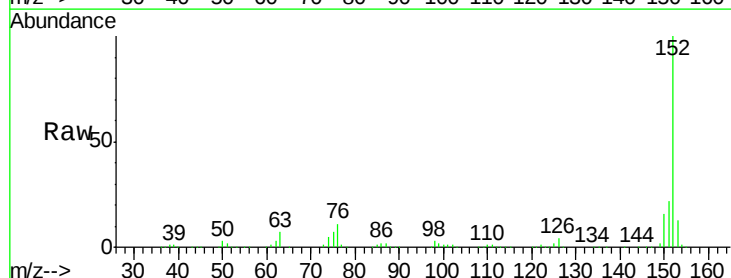
Tgt Ion: 152 Resp: 679298

Ion Ratio Lower Upper

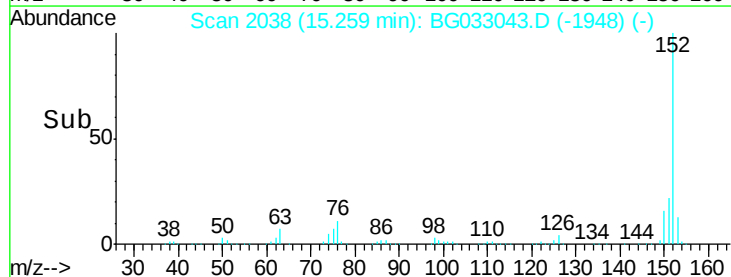
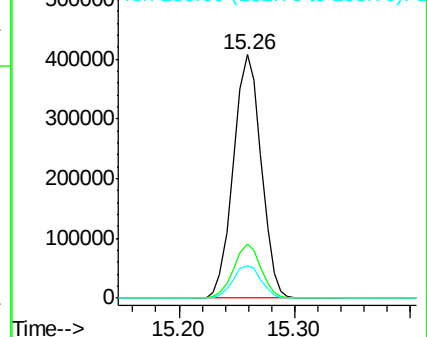
152 100

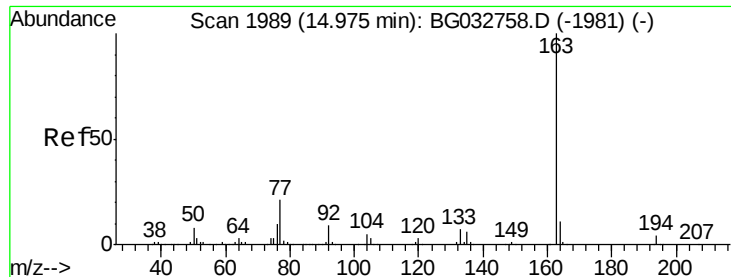
151 22.0 17.2 25.8

153 13.3 10.2 15.4



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





#49

Dimethylphthalate

Concen: 44.539 ng

RT: 14.95 min Scan# 1986

Delta R.T. 0.00 min

Lab File: BG033043.D

Acq: 8 Mar 2018 16:37

Instrument :

BNA_G

ClientSampleId :

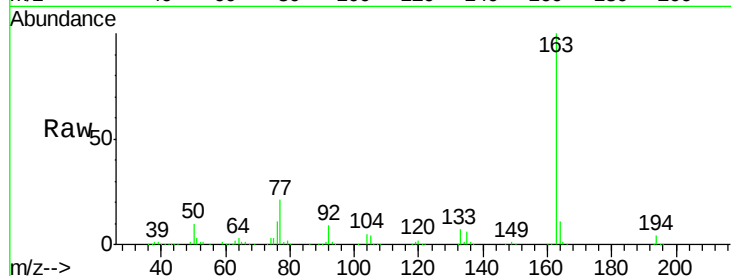
Tot Ion:163 Resp: 536400

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

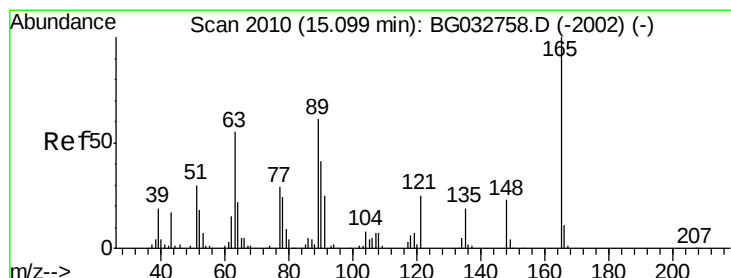
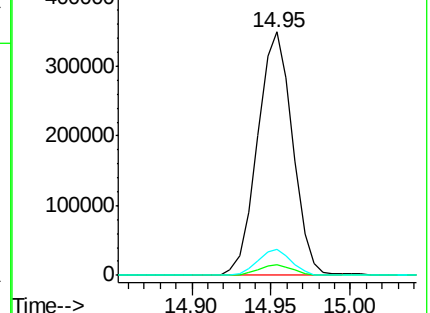
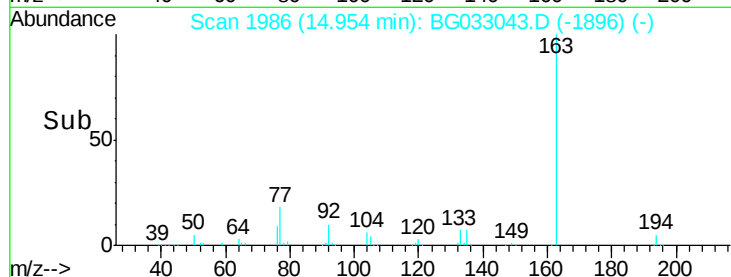
164 10.7 8.2 12.4



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: 58.149 ng

RT: 15.08 min Scan# 2008

Delta R.T. 0.01 min

Lab File: BG033043.D

Acq: 8 Mar 2018 16:37

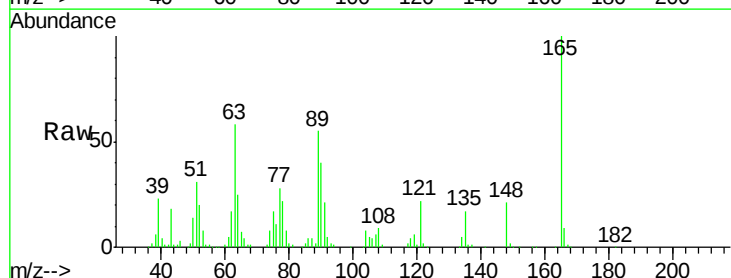
Tgt Ion:165 Resp: 120516

Ion Ratio Lower Upper

165 100

63 58.3 52.7 79.1

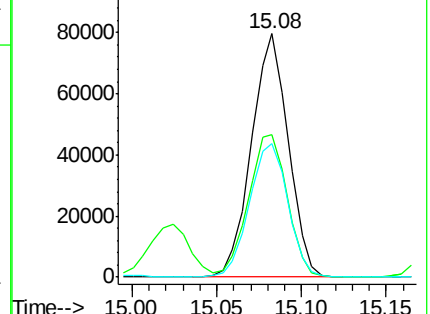
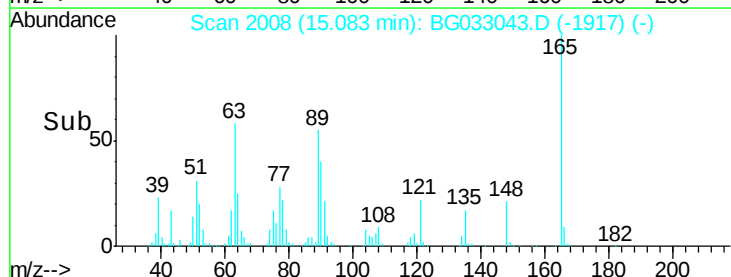
89 54.8 49.2 73.8

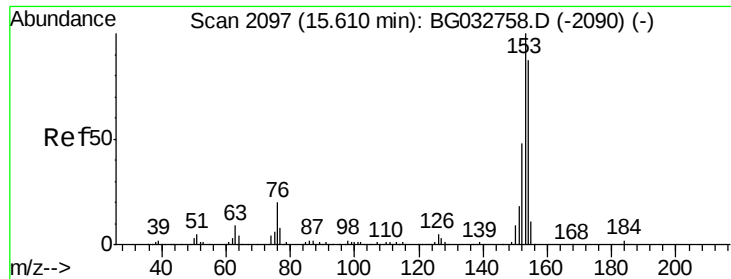


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 51.826 ng

RT: 15.59 min Scan# 2095

Delta R.T. 0.00 min

Lab File: BG033043.D

Acq: 8 Mar 2018 16:37

Instrument :

BNA_G

ClientSampleId :

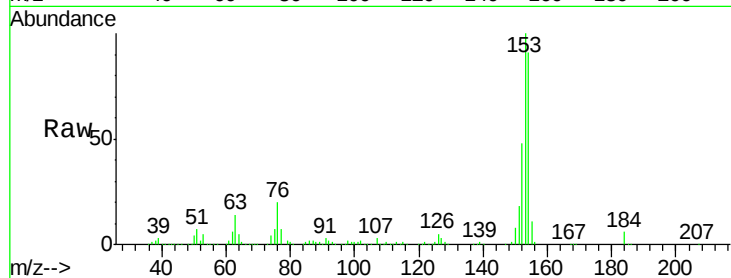
Tot Ion:154 Resp: 489257

Ion Ratio Lower Upper

154 100

153 109.4 90.4 135.6

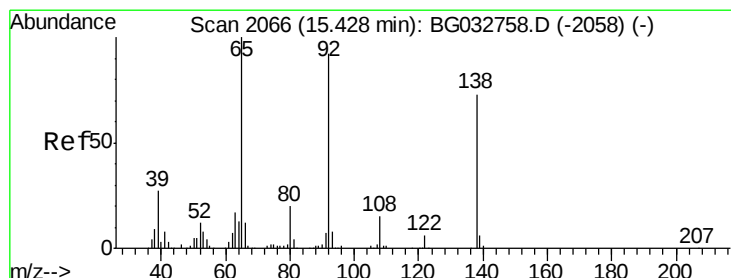
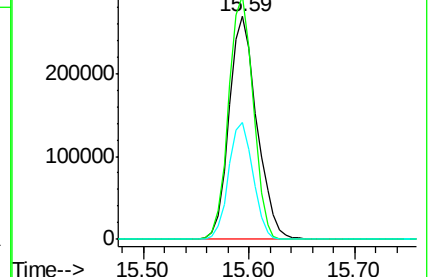
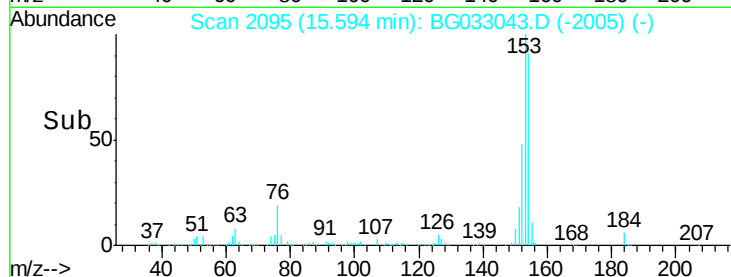
152 52.4 41.6 62.4



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: 14.337 ng

RT: 15.41 min Scan# 2064

Delta R.T. 0.00 min

Lab File: BG033043.D

Acq: 8 Mar 2018 16:37

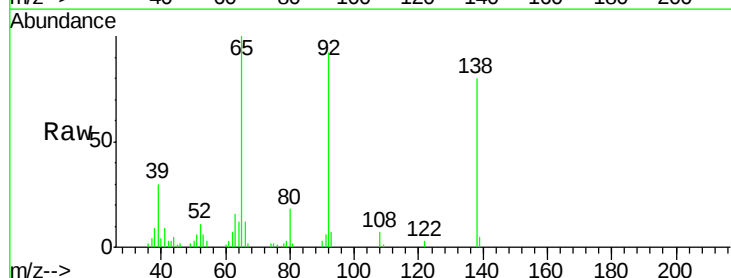
Tgt Ion:138 Resp: 19878

Ion Ratio Lower Upper

138 100

108 8.4 17.5 26.3#

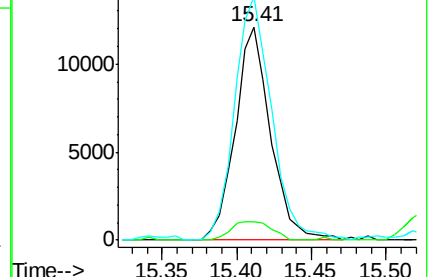
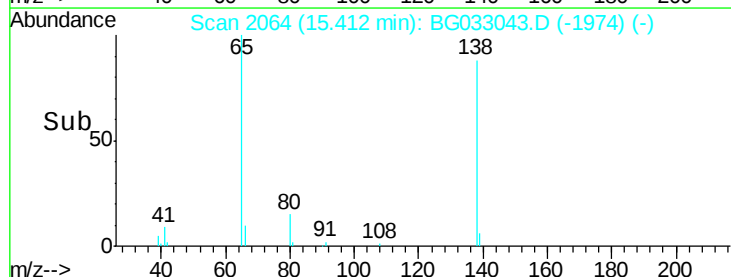
92 114.0 105.8 158.8

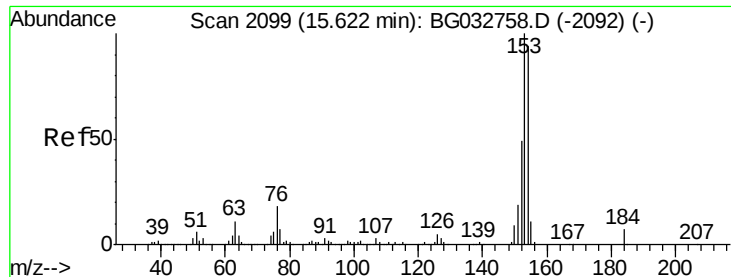


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

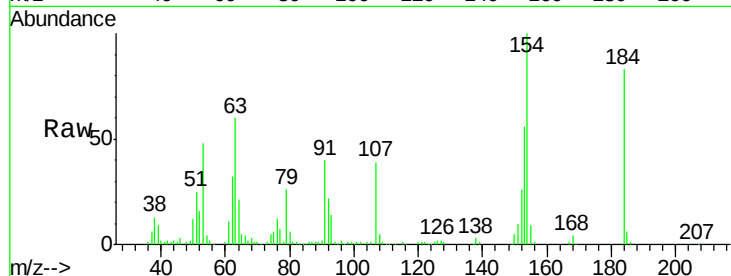




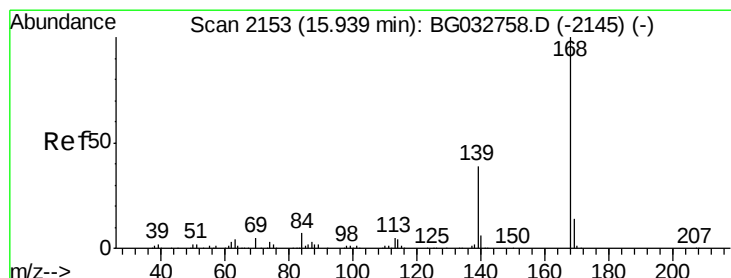
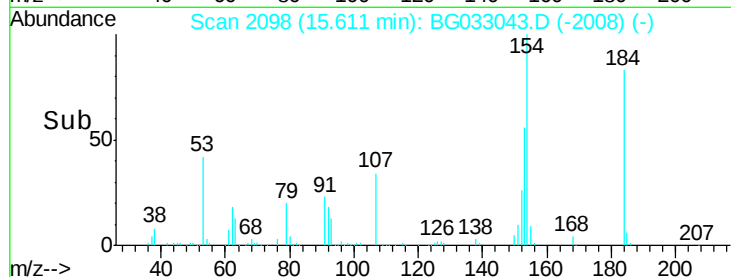
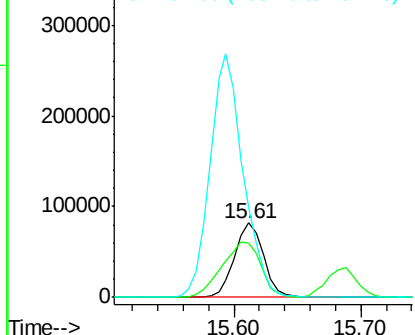
#53
 2,4-Dinitrophenol
 Concen: 153.478 ng
 RT: 15.61 min Scan# 2098
 Delta R.T. 0.00 min
 Lab File: BG033043.D
 Acq: 8 Mar 2018 16:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 130030
 Ion Ratio Lower Upper
 184 100
 63 72.6 59.8 89.8
 154 120.7 101.8 152.8

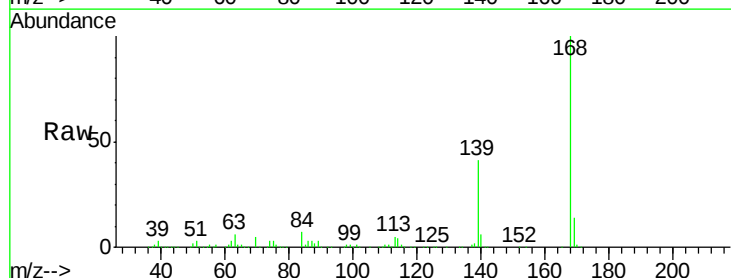


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

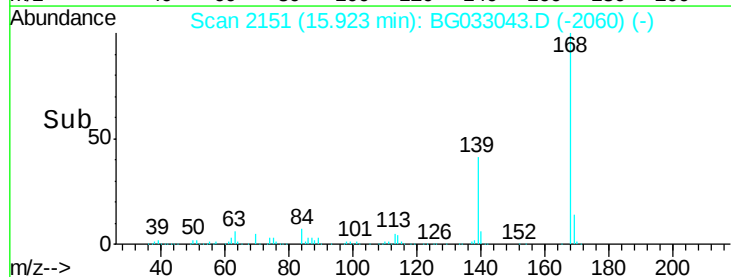
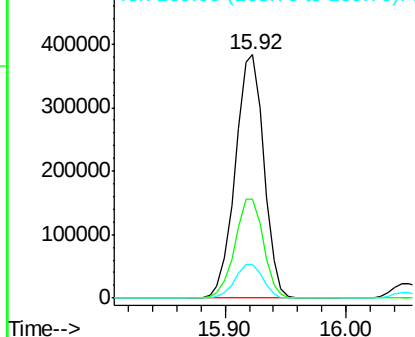


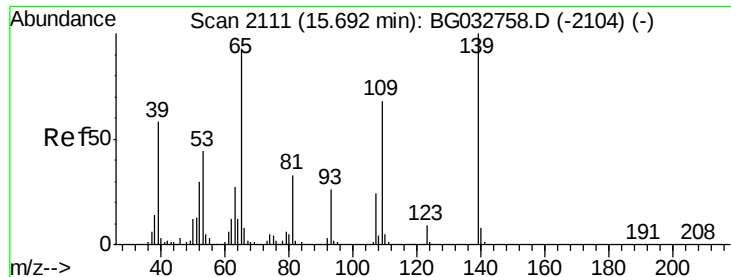
#54
 Dibenzofuran
 Concen: 46.847 ng
 RT: 15.92 min Scan# 2151
 Delta R.T. 0.01 min
 Lab File: BG033043.D
 Acq: 8 Mar 2018 16:37

Tgt Ion:168 Resp: 629715
 Ion Ratio Lower Upper
 168 100
 139 40.8 28.6 43.0
 169 13.7 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

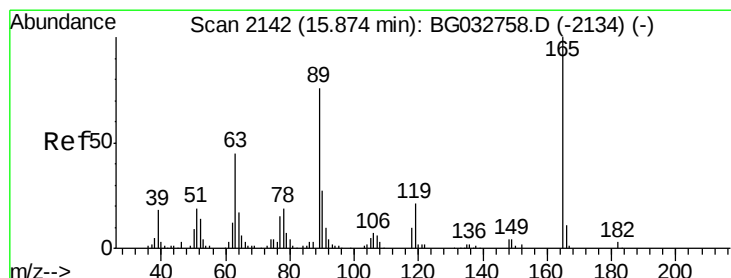
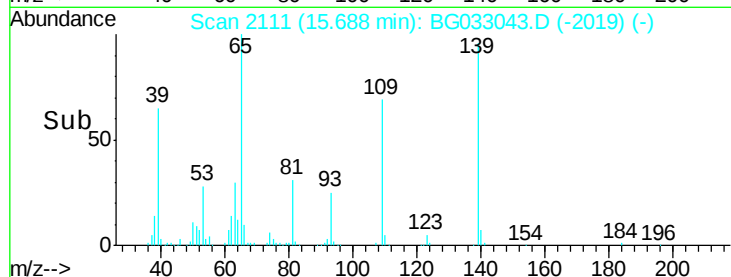
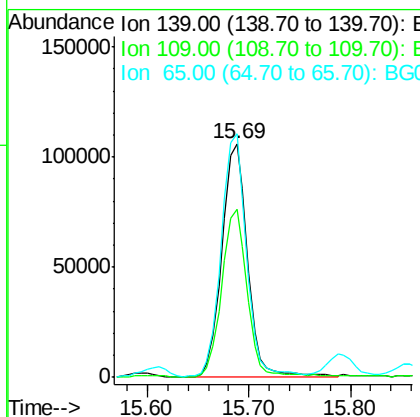
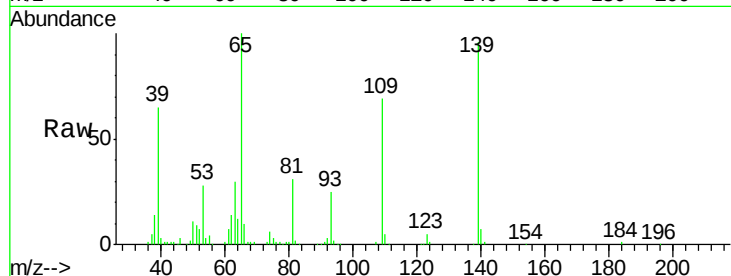




#55
4-Nitrophenol
Concen: 94.136 ng
RT: 15.69 min Scan# 2111
Delta R.T. 0.01 min
Lab File: BG033043.D
Acq: 8 Mar 2018 16:37

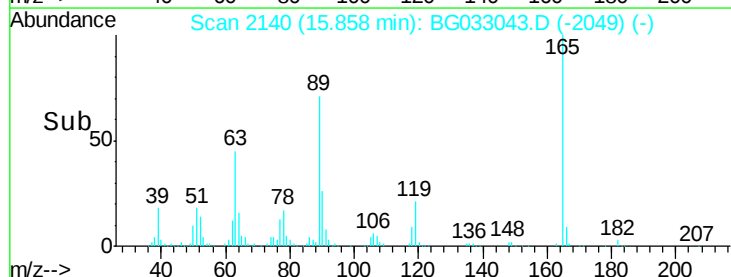
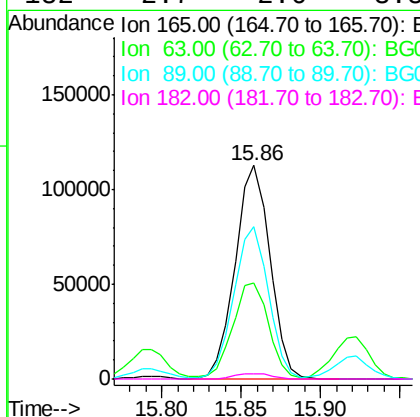
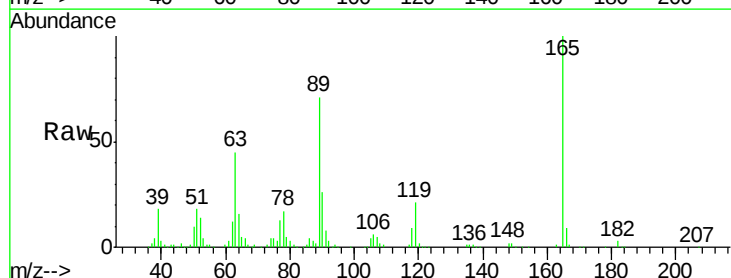
Instrument :
BNA_G
ClientSampled :

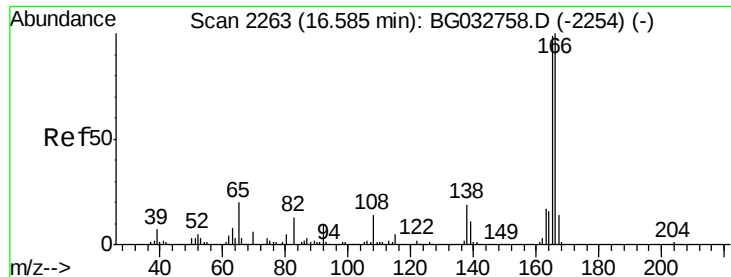
Tot Ion	Ratio	Lower	Upper
139	100		
109	72.2	62.2	102.2
65	104.2	97.2	137.2



#56
2,4-Dinitrotoluene
Concen: 66.518 ng
RT: 15.86 min Scan# 2140
Delta R.T. 0.01 min
Lab File: BG033043.D
Acq: 8 Mar 2018 16:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.1	42.0	63.0
89	71.4	66.9	100.3
182	2.7	2.6	3.8

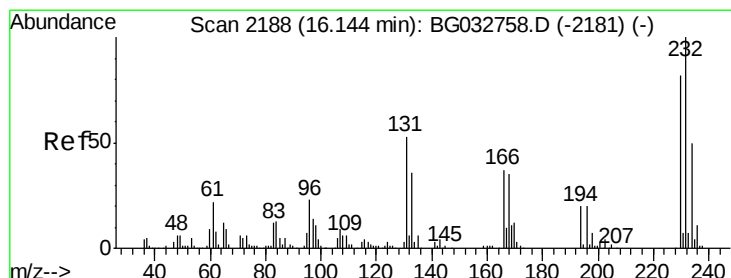
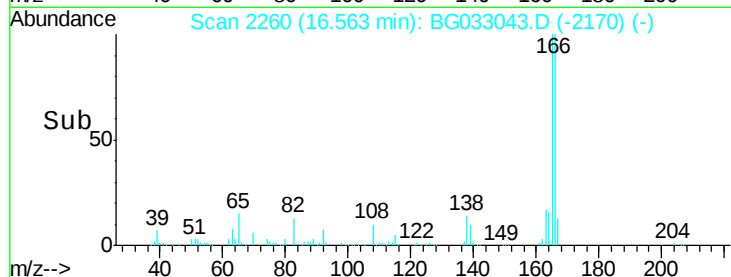
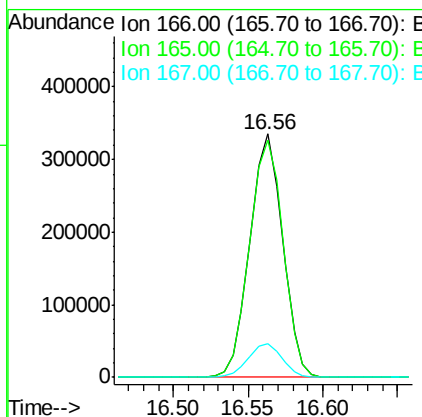
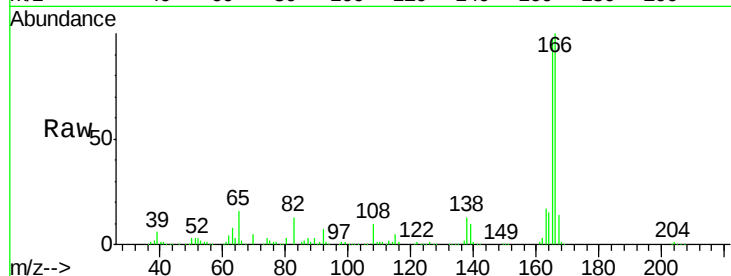




#57
 Fluorene
 Concen: 45.968 ng
 RT: 16.56 min Scan# 2260
 Delta R.T. 0.00 min
 Lab File: BG033043.D
 Acq: 8 Mar 2018 16:37

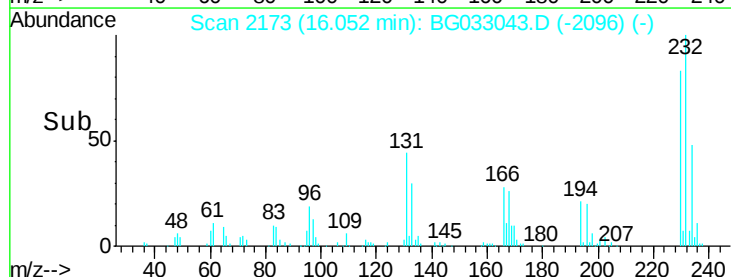
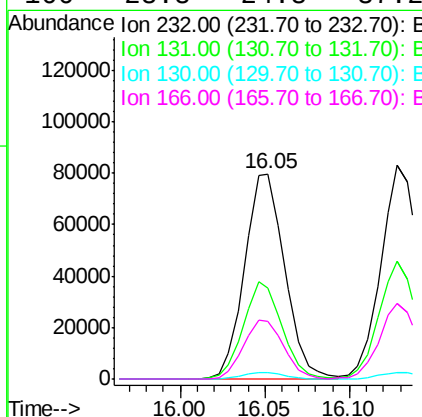
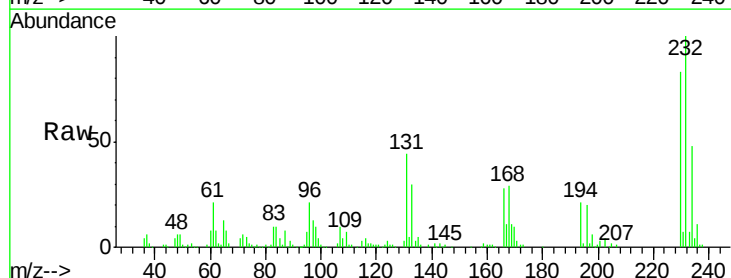
Instrument :
 BNA_G
 ClientSampleId :

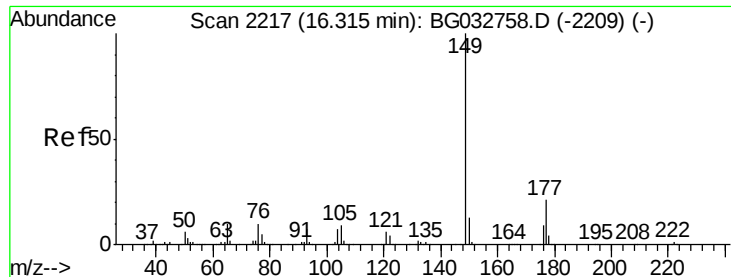
Tot Ion:166 Resp: 509989
 Ion Ratio Lower Upper
 166 100
 165 97.5 80.6 121.0
 167 14.0 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 55.063 ng
 RT: 16.05 min Scan# 2173
 Delta R.T. -0.07 min
 Lab File: BG033043.D
 Acq: 8 Mar 2018 16:37

Tgt Ion:232 Resp: 131382
 Ion Ratio Lower Upper
 232 100
 131 45.5 33.5 50.3
 130 3.1 2.2 3.2
 166 28.8 24.8 37.2

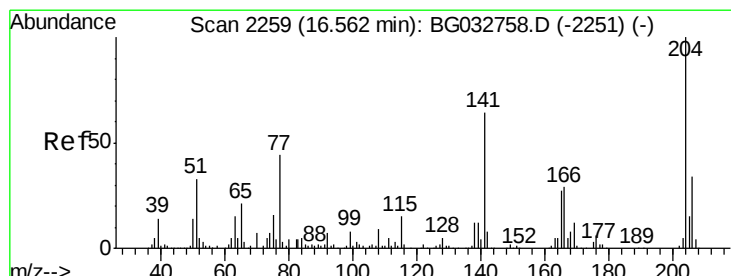
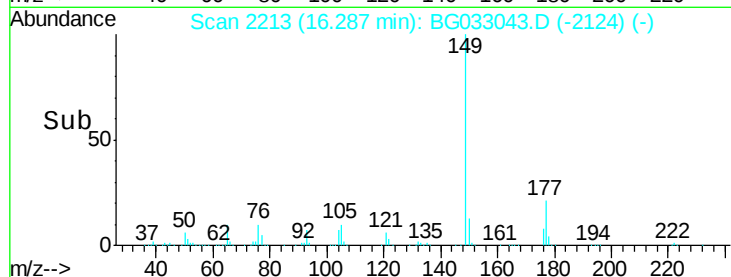
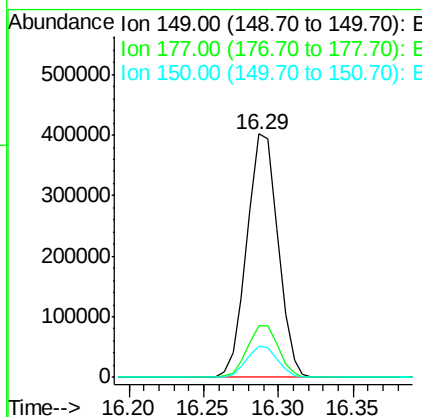
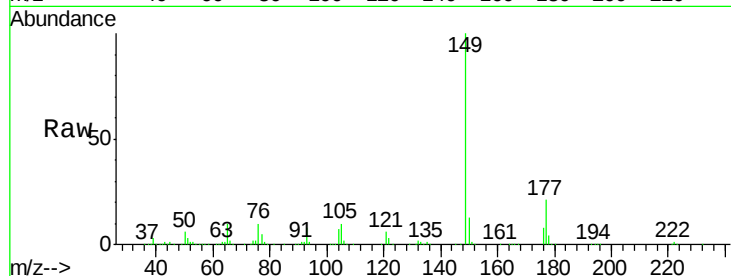




#59
Diethylphthalate
Concen: 45.588 ng
RT: 16.29 min Scan# 2213
Delta R.T. -0.00 min
Lab File: BG033043.D
Acq: 8 Mar 2018 16:37

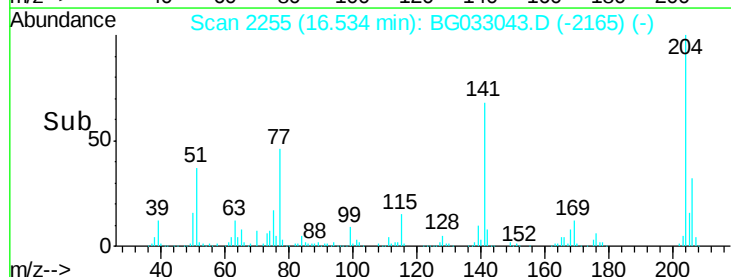
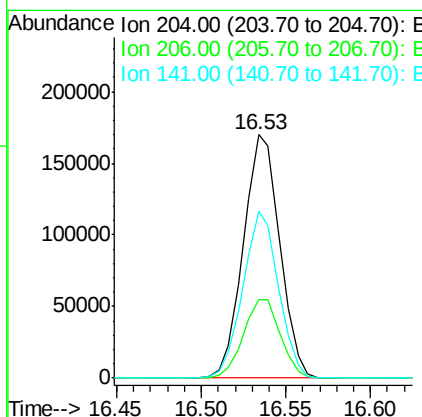
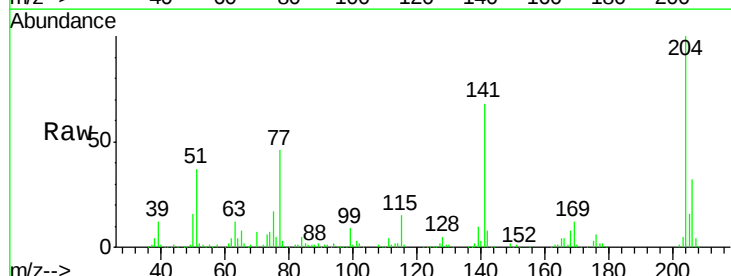
Instrument :
BNA_G
ClientSampleId :

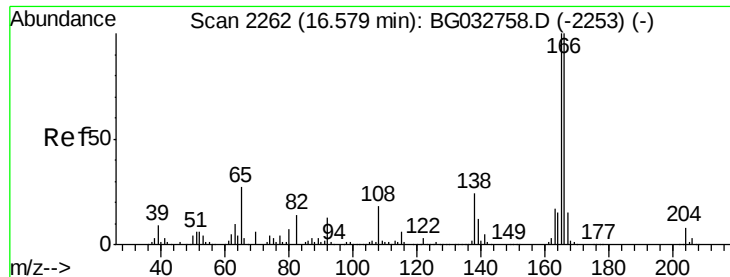
Tot Ion:149 Resp: 579081
Ion Ratio Lower Upper
149 100
177 21.4 18.5 27.7
150 12.7 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 47.008 ng
RT: 16.53 min Scan# 2255
Delta R.T. 0.00 min
Lab File: BG033043.D
Acq: 8 Mar 2018 16:37

Tgt Ion:204 Resp: 255127
Ion Ratio Lower Upper
204 100
206 32.2 26.2 39.2
141 68.3 45.8 68.6

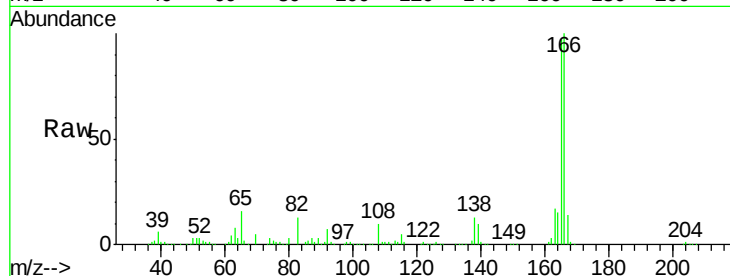




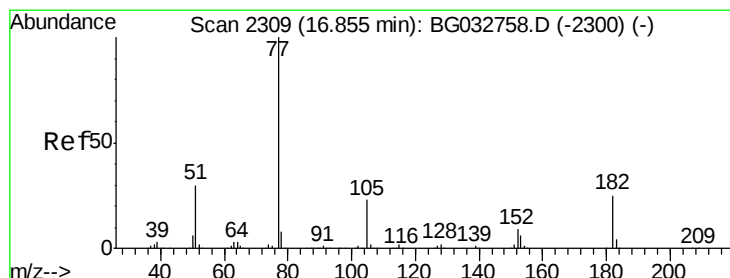
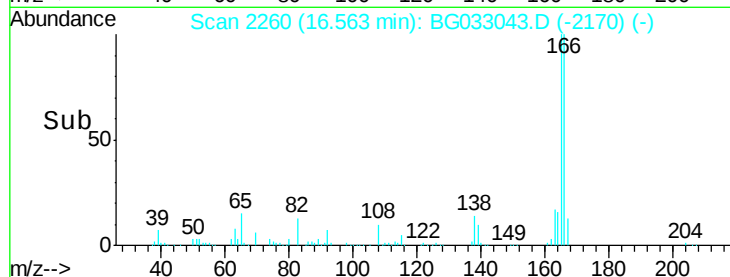
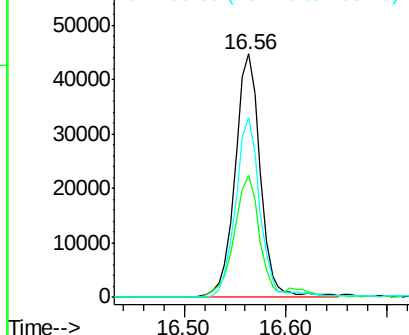
#61
4-Nitroaniline
Concen: 31.812 ng
RT: 16.56 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BG033043.D
Acq: 8 Mar 2018 16:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 77703
Ion Ratio Lower Upper
138 100
92 50.3 40.1 80.1
108 73.8 65.4 105.4

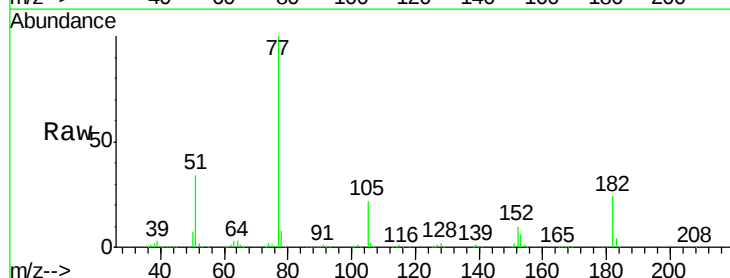


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

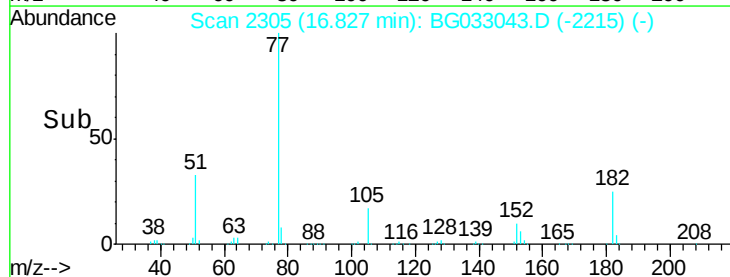
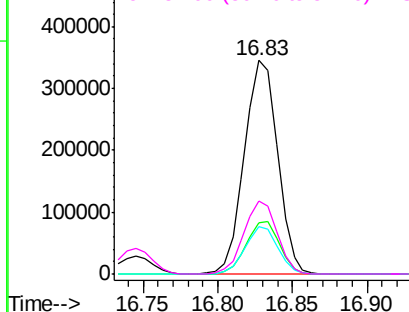


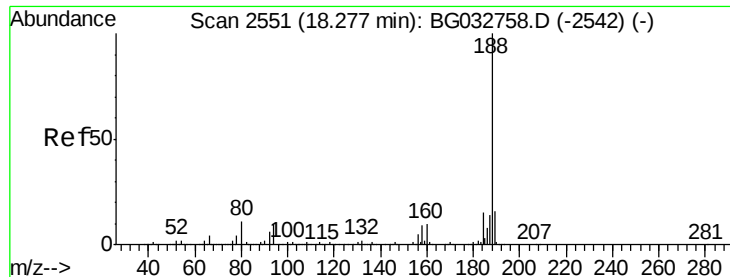
#62
Azobenzene
Concen: 46.815 ng
RT: 16.83 min Scan# 2305
Delta R.T. 0.00 min
Lab File: BG033043.D
Acq: 8 Mar 2018 16:37

Tgt Ion: 77 Resp: 532006
Ion Ratio Lower Upper
77 100
182 24.1 7.4 47.4
105 22.2 0.3 40.3
51 34.2 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: 18.25 min Scan# 2548

Delta R.T. 0.00 min

Lab File: BG033043.D

Acq: 8 Mar 2018 16:37

Instrument :

BNA_G

ClientSampleId :

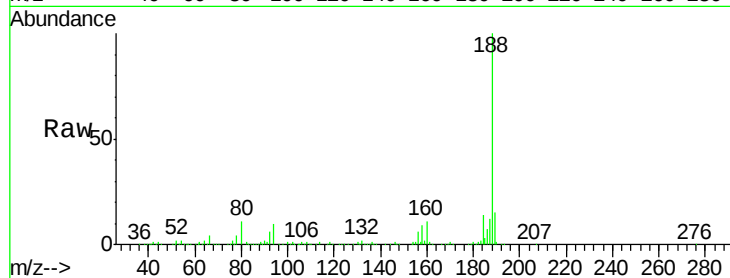
Tot Ion:188 Resp: 317544

Ion Ratio Lower Upper

188 100

94 9.8 6.9 10.3

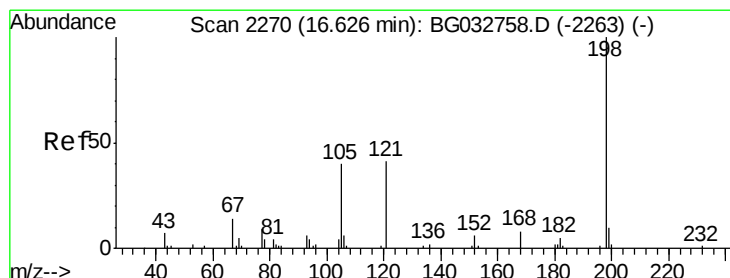
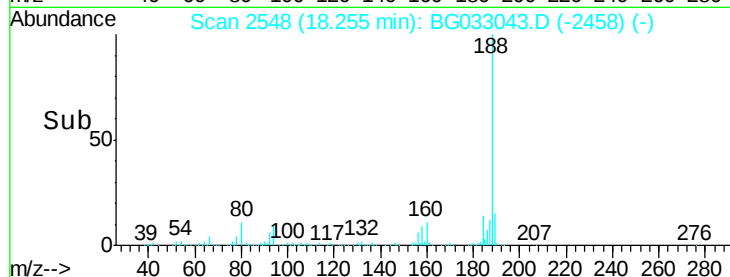
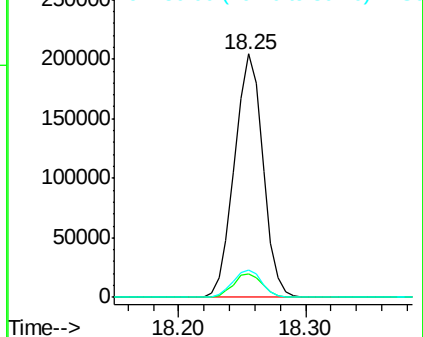
80 11.4 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 74.207 ng

RT: 16.61 min Scan# 2268

Delta R.T. 0.00 min

Lab File: BG033043.D

Acq: 8 Mar 2018 16:37

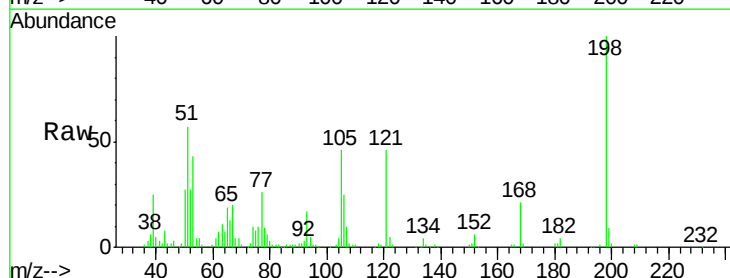
Tgt Ion:198 Resp: 83496

Ion Ratio Lower Upper

198 100

51 56.9 30.6 70.6

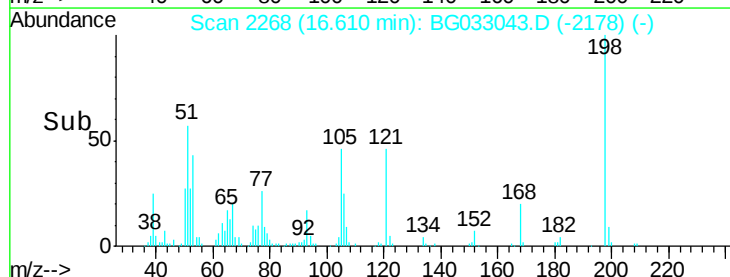
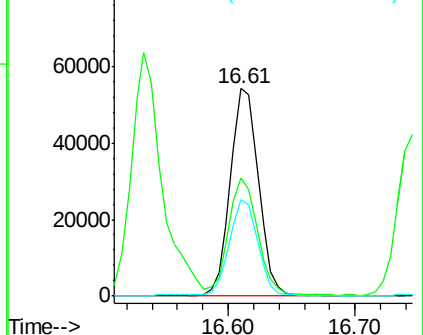
105 46.3 23.8 63.8

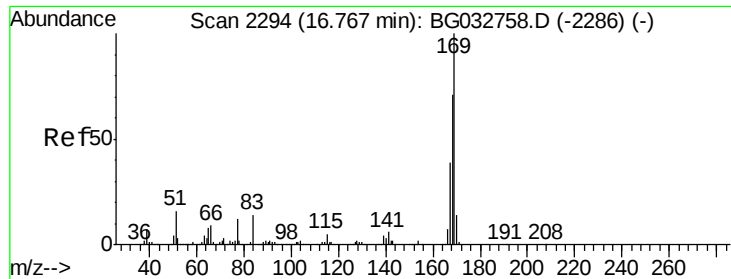


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

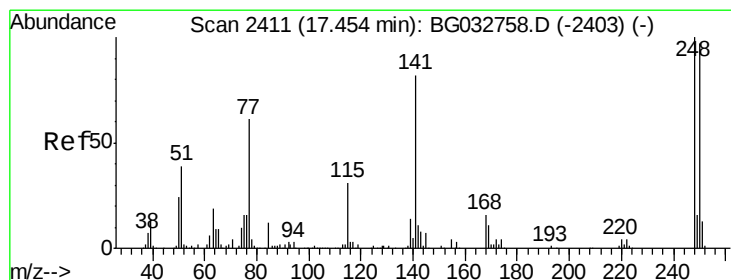
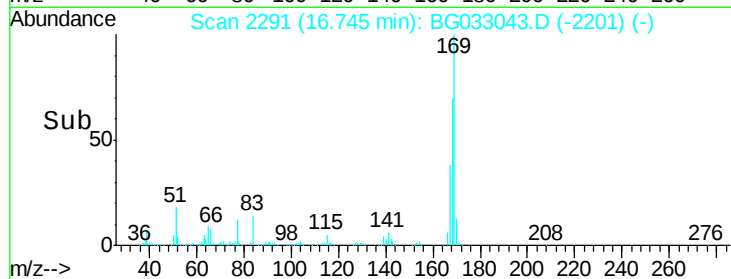
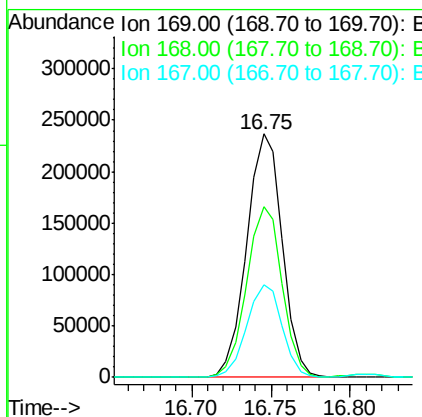
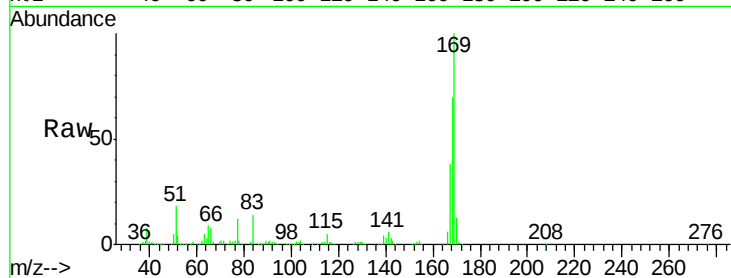




#65
 n-Nitrosodiphenylamine
 Concen: 35.652 ng
 RT: 16.75 min Scan# 2291
 Delta R.T. 0.00 min
 Lab File: BG033043.D
 Acq: 8 Mar 2018 16:37

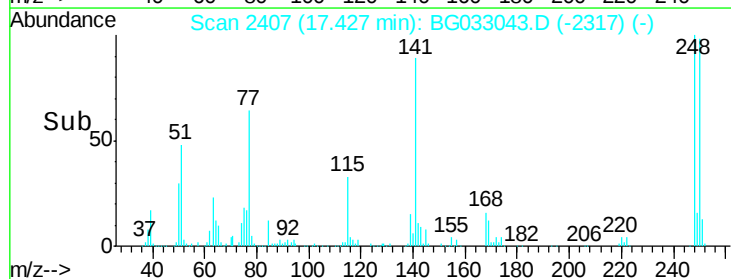
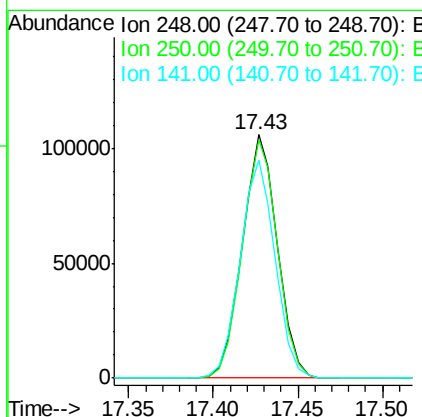
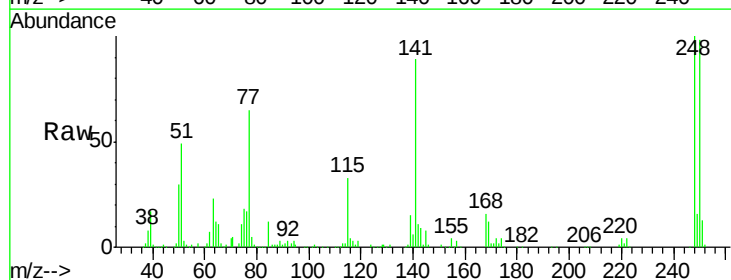
Instrument :
 BNA_G
 ClientSampleId :

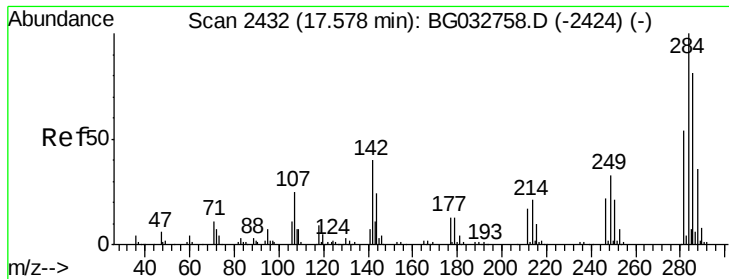
Tot Ion:169 Resp: 368286
 Ion Ratio Lower Upper
 169 100
 168 70.3 55.7 83.5
 167 38.3 30.1 45.1



#66
 4-Bromophenyl-phenylether
 Concen: 45.362 ng
 RT: 17.43 min Scan# 2407
 Delta R.T. 0.00 min
 Lab File: BG033043.D
 Acq: 8 Mar 2018 16:37

Tgt Ion:248 Resp: 152311
 Ion Ratio Lower Upper
 248 100
 250 98.2 77.1 115.7
 141 89.4 50.8 76.2#





#67

Hexachlorobenzene

Concen: 43.594 ng

RT: 17.56 min Scan# 2429

Delta R.T. 0.00 min

Lab File: BG033043.D

Acq: 8 Mar 2018 16:37

Instrument :

BNA_G

ClientSampleId :

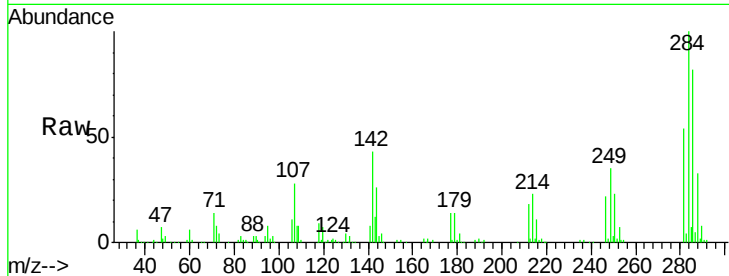
Tot Ion:284 Resp: 158183

Ion Ratio Lower Upper

284 100

142 42.9 26.8 40.2#

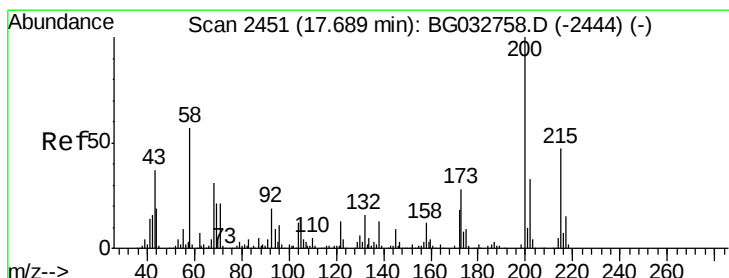
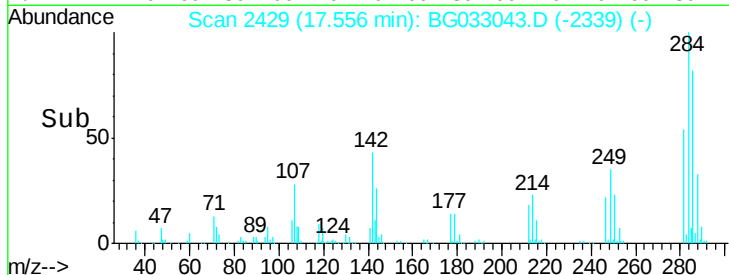
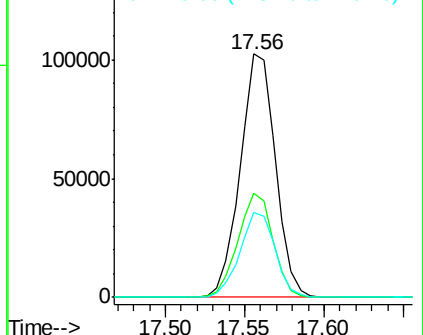
249 34.7 26.3 39.5



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: 29.694 ng

RT: 17.66 min Scan# 2447

Delta R.T. 0.00 min

Lab File: BG033043.D

Acq: 8 Mar 2018 16:37

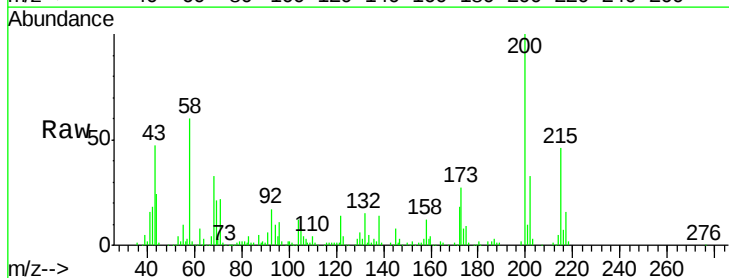
Tgt Ion:200 Resp: 100968

Ion Ratio Lower Upper

200 100

173 27.3 5.2 45.2

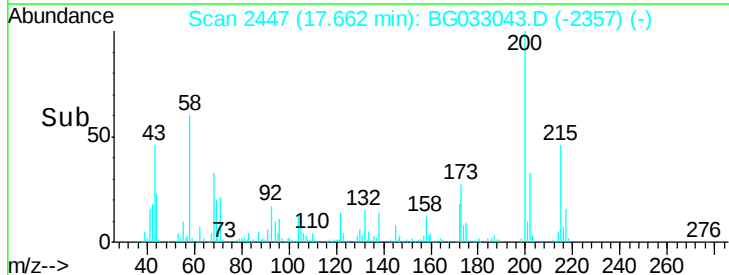
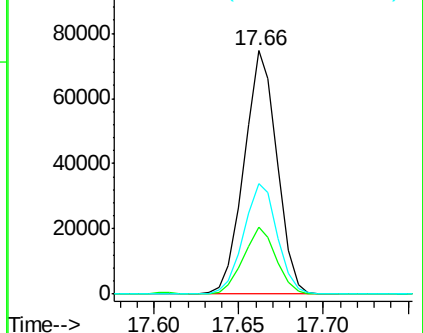
215 45.5 30.4 70.4

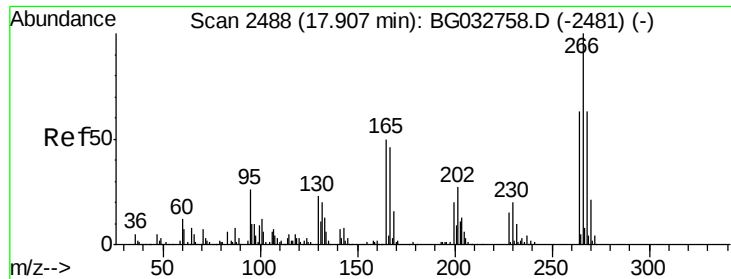


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

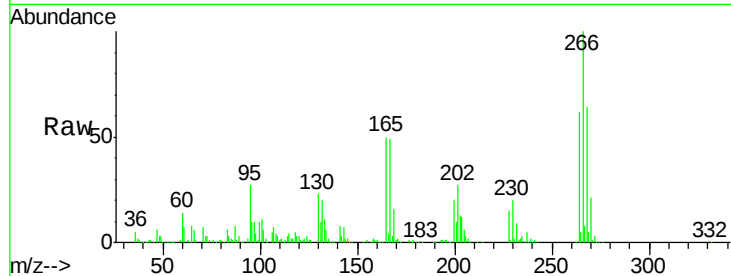




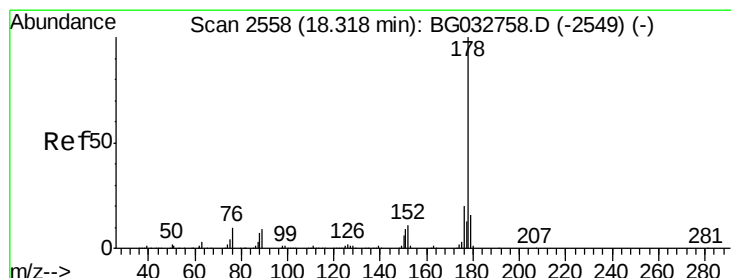
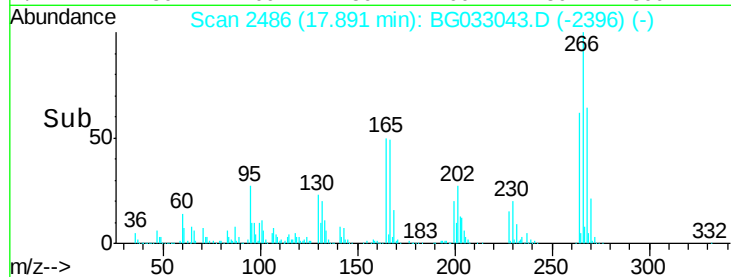
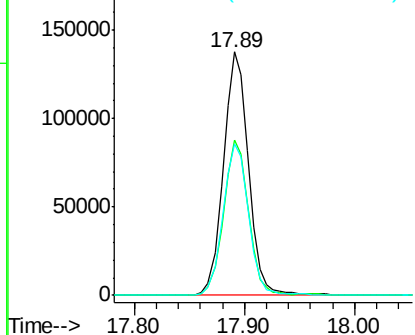
#69
 Pentachlorophenol
 Concen: 95.598 ng
 RT: 17.89 min Scan# 2486
 Delta R.T. 0.00 min
 Lab File: BG033043.D
 Acq: 8 Mar 2018 16:37

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:266 Resp: 218492
 Ion Ratio Lower Upper
 266 100
 268 63.6 51.1 76.7
 264 62.2 49.6 74.4

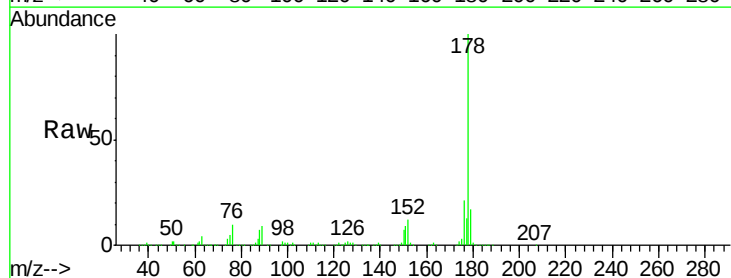


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

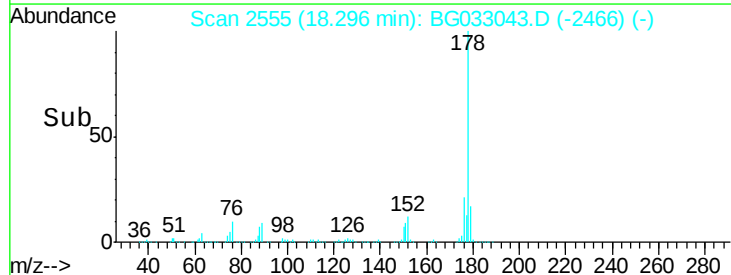
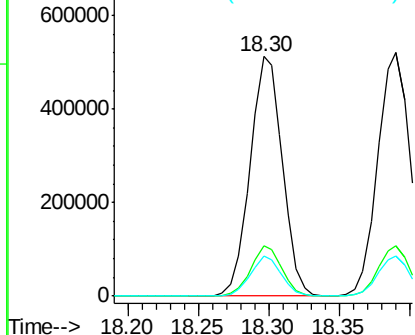


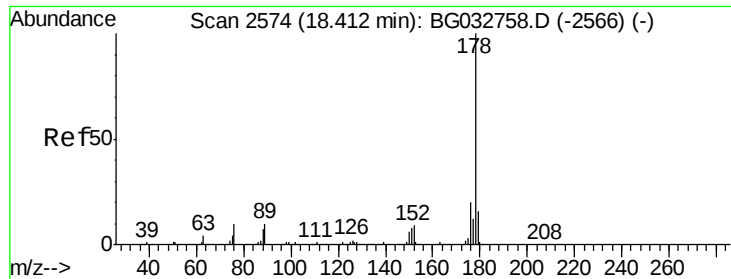
#70
 Phenanthrene
 Concen: 46.441 ng
 RT: 18.30 min Scan# 2555
 Delta R.T. -0.00 min
 Lab File: BG033043.D
 Acq: 8 Mar 2018 16:37

Tgt Ion:178 Resp: 822738
 Ion Ratio Lower Upper
 178 100
 176 20.9 15.7 23.5
 179 16.6 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

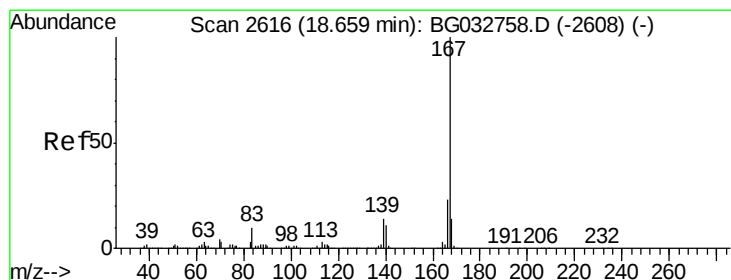
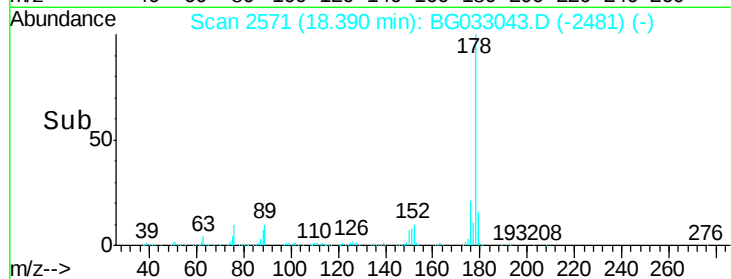
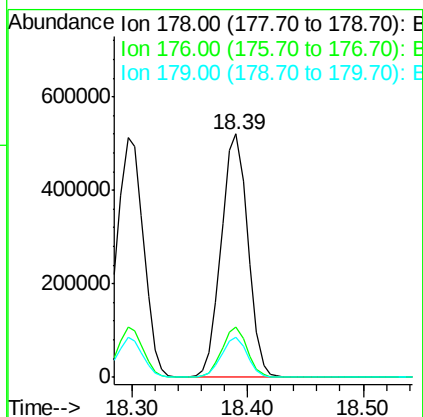
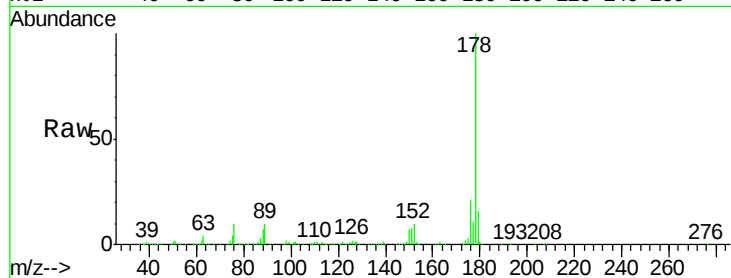




#71
 Anthracene
 Concen: 46.758 ng
 RT: 18.39 min Scan# 2571
 Delta R.T. 0.00 min
 Lab File: BG033043.D
 Acq: 8 Mar 2018 16:37

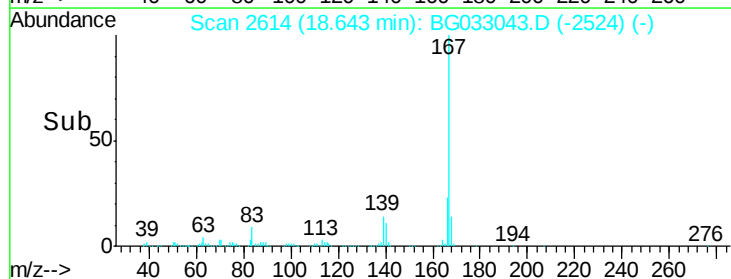
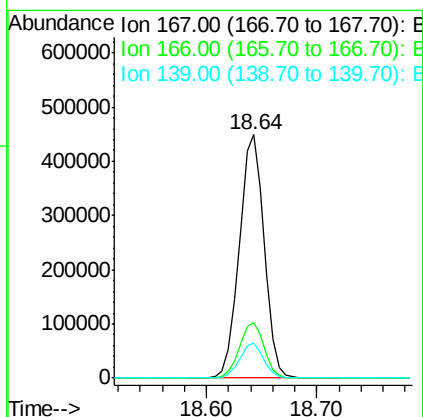
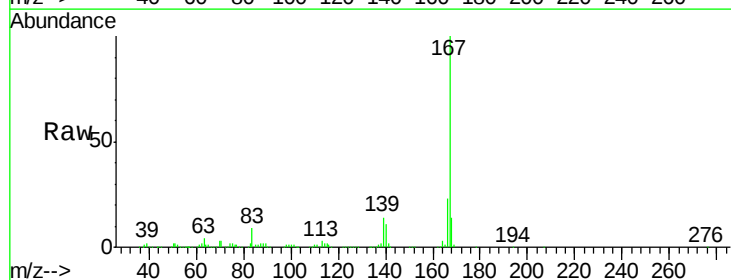
Instrument :
 BNA_G
 ClientSampleId :

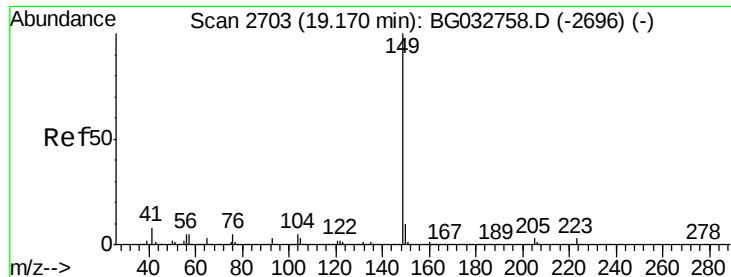
Tot Ion:178 Resp: 831624
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.0 24.0
 179 16.5 12.5 18.7



#72
 Carbazole
 Concen: 40.462 ng
 RT: 18.64 min Scan# 2614
 Delta R.T. 0.00 min
 Lab File: BG033043.D
 Acq: 8 Mar 2018 16:37

Tgt Ion:167 Resp: 709328
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.2 27.4
 139 14.2 9.4 14.2#





#73

Di-n-butylphthalate

Concen: 46.080 ng

RT: 19.14 min Scan# 2699

Delta R.T. 0.00 min

Lab File: BG033043.D

Acq: 8 Mar 2018 16:37

Instrument :

BNA_G

ClientSampled :

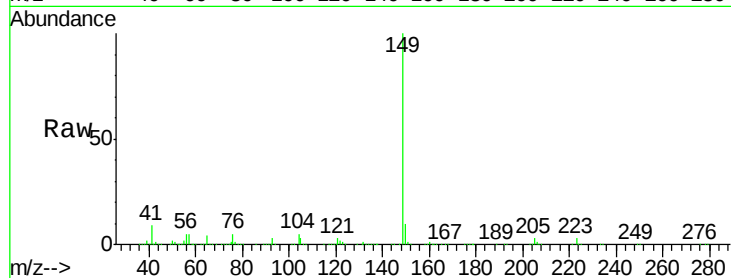
Tot Ion:149 Resp: 991024

Ion Ratio Lower Upper

149 100

150 9.9 7.8 11.6

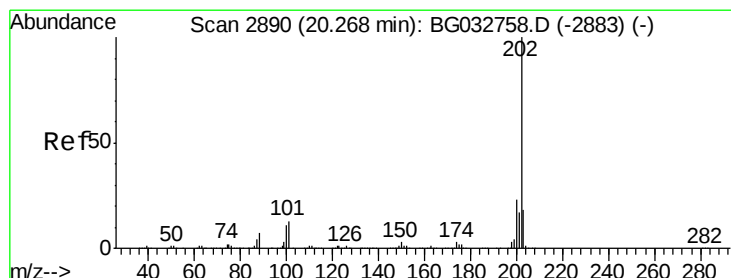
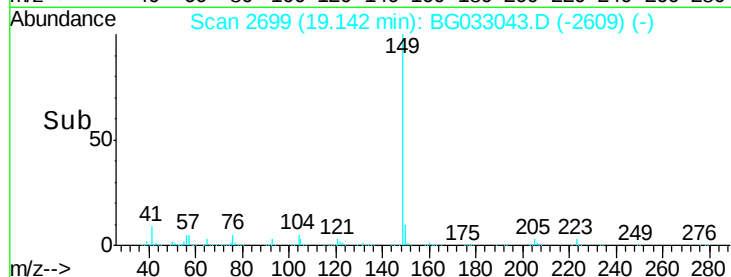
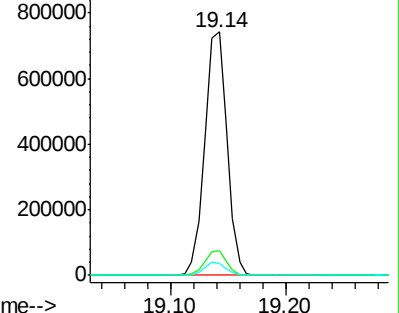
104 5.1 3.9 5.9



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: 46.860 ng

RT: 20.25 min Scan# 2888

Delta R.T. 0.01 min

Lab File: BG033043.D

Acq: 8 Mar 2018 16:37

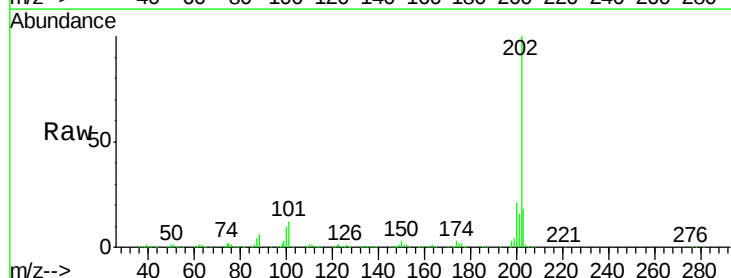
Tgt Ion:202 Resp: 917022

Ion Ratio Lower Upper

202 100

101 11.7 0.0 28.9

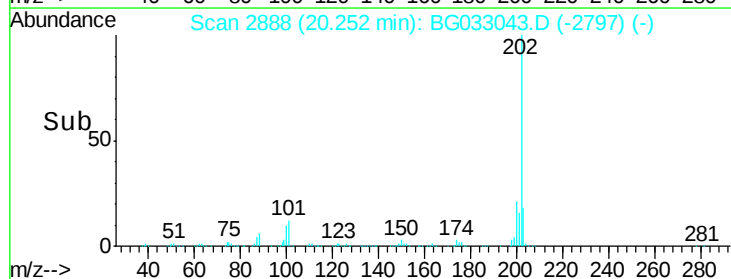
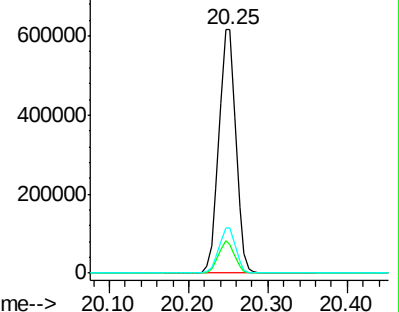
203 18.4 0.0 37.5

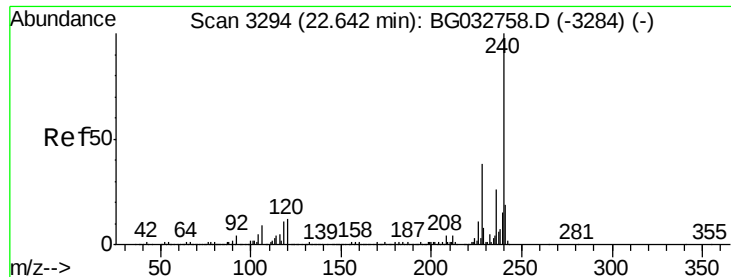


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

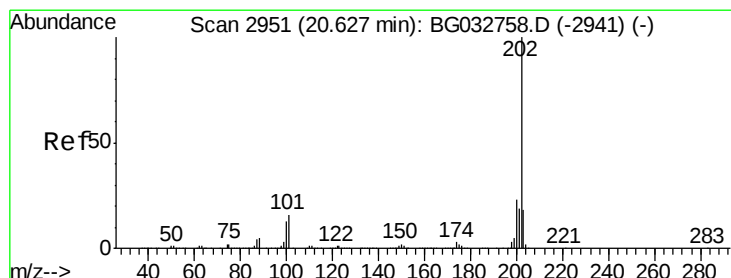
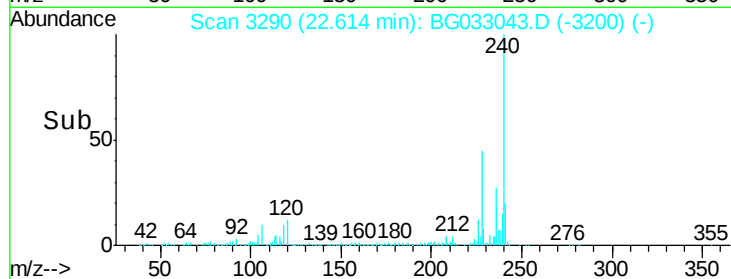
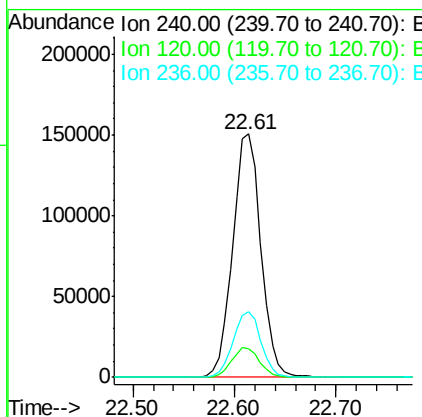
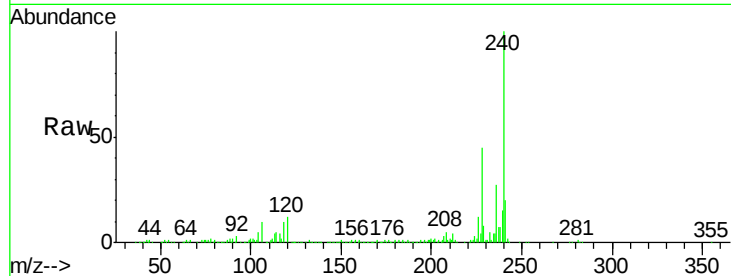




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.61 min Scan# 3290
 Delta R.T. 0.00 min
 Lab File: BG033043.D
 Acq: 8 Mar 2018 16:37

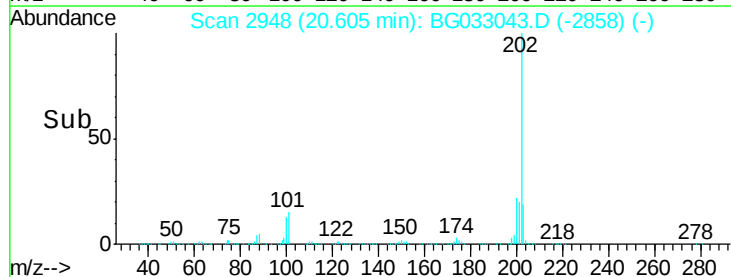
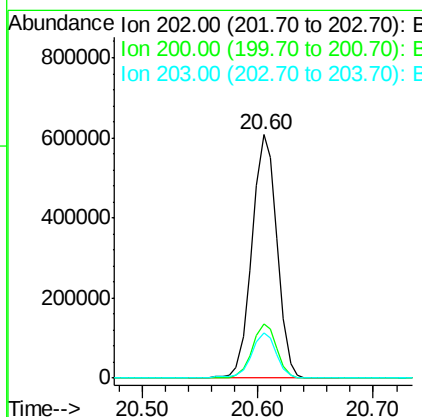
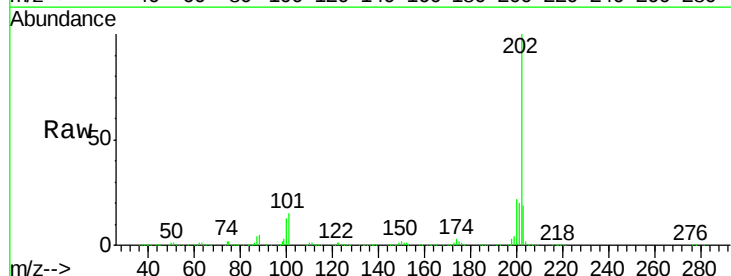
Instrument :
 BNA_G
 ClientSampleId :

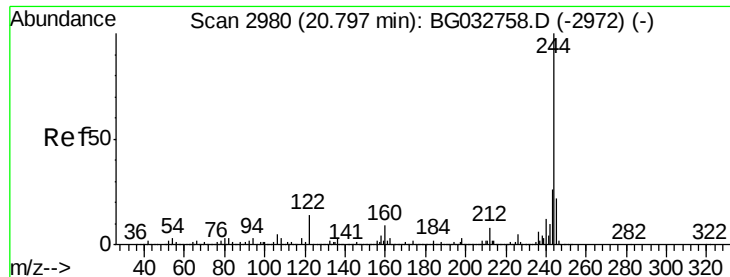
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.8	6.8	10.2
236	26.7	20.9	31.3



#77
 Pyrene
 Concen: 44.775 ng
 RT: 20.60 min Scan# 2948
 Delta R.T. 0.00 min
 Lab File: BG033043.D
 Acq: 8 Mar 2018 16:37

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.4	16.9	25.3
203	18.7	13.9	20.9





#78

Terphenyl-d14

Concen: 96.423 ng

RT: 20.77 min Scan# 2976

Delta R.T. 0.00 min

Lab File: BG033043.D

Acq: 8 Mar 2018 16:37

Instrument :

BNA_G

ClientSampleId :

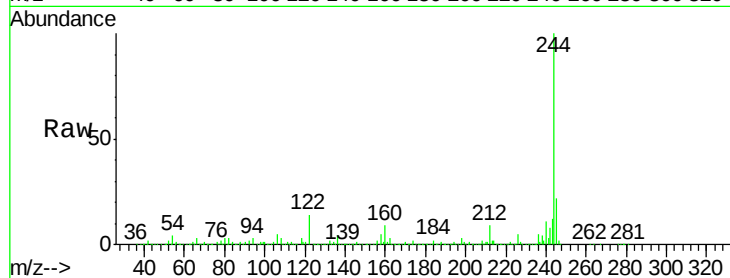
Tot Ion:244 Resp: 1246803

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

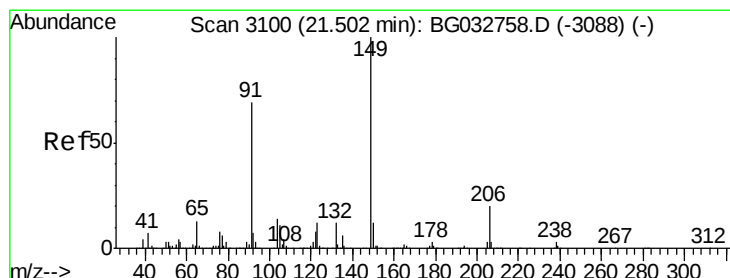
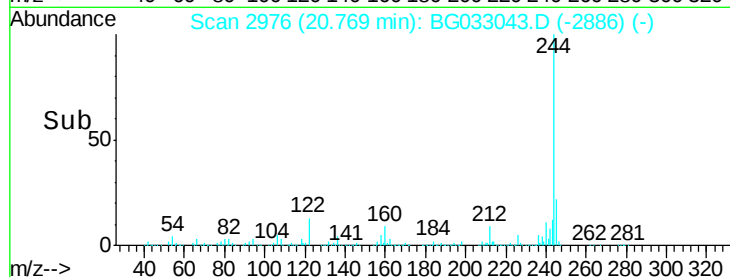
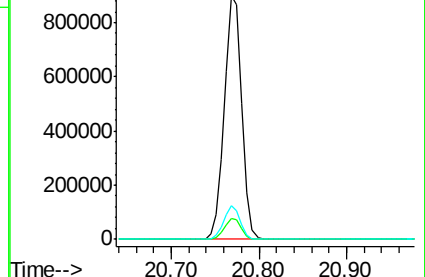
122 13.9 7.0 10.4#



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: 50.749 ng

RT: 21.47 min Scan# 3095

Delta R.T. 0.00 min

Lab File: BG033043.D

Acq: 8 Mar 2018 16:37

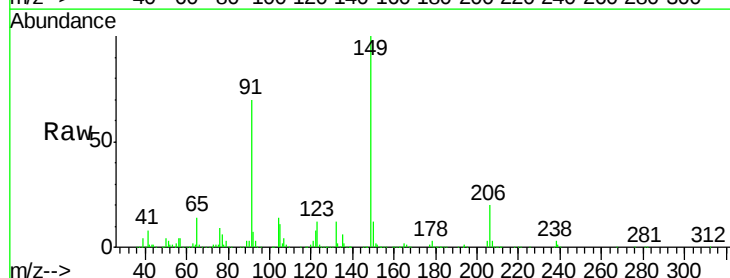
Tgt Ion:149 Resp: 460970

Ion Ratio Lower Upper

149 100

91 70.4 62.2 93.2

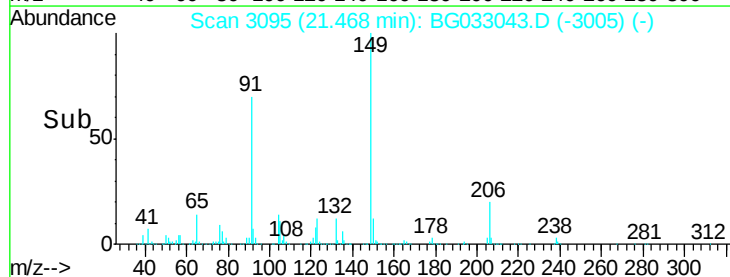
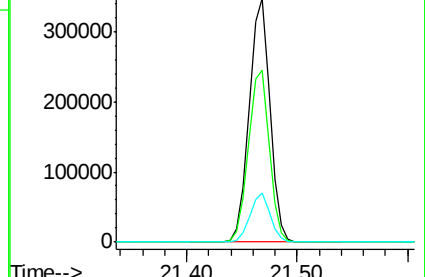
206 20.4 18.6 27.8

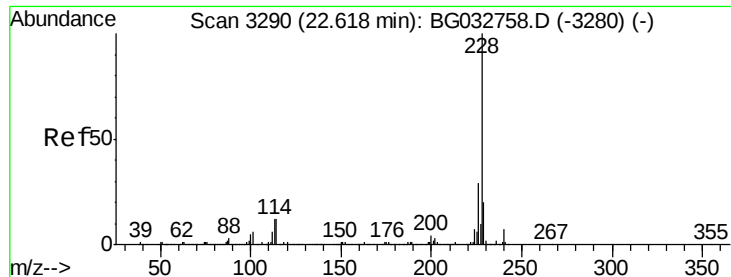


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E

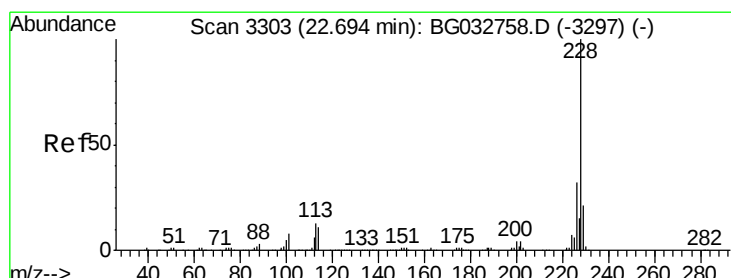
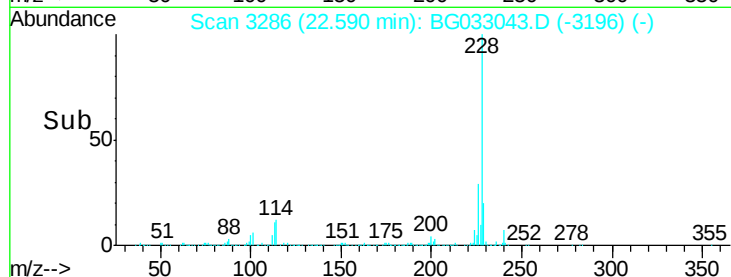
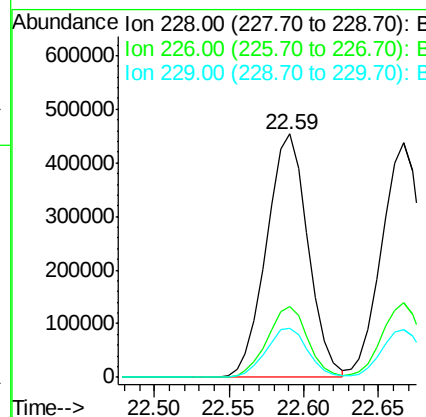
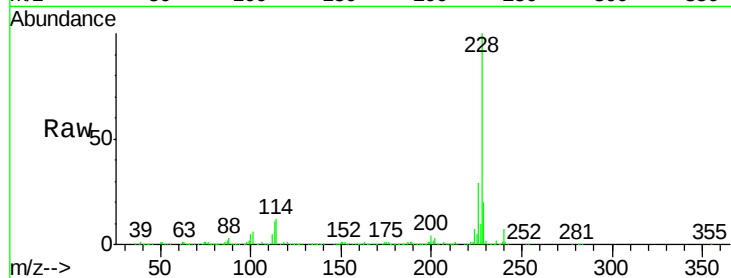




#80
Benzo(a)anthracene
Concen: 47.084 ng
RT: 22.59 min Scan# 3286
Delta R.T. 0.00 min
Lab File: BG033043.D
Acq: 8 Mar 2018 16:37

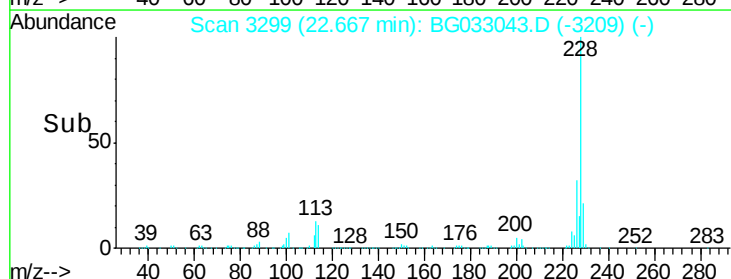
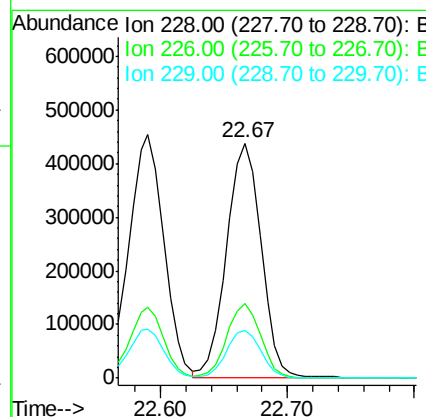
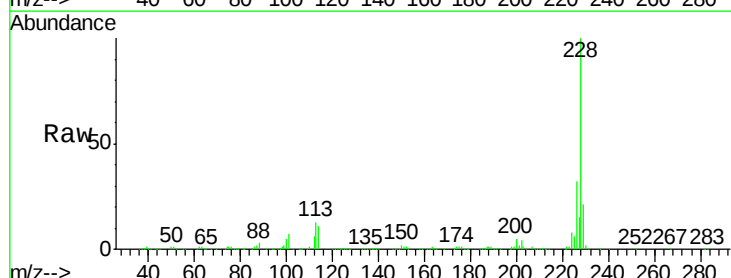
Instrument :
BNA_G
ClientSampleId :

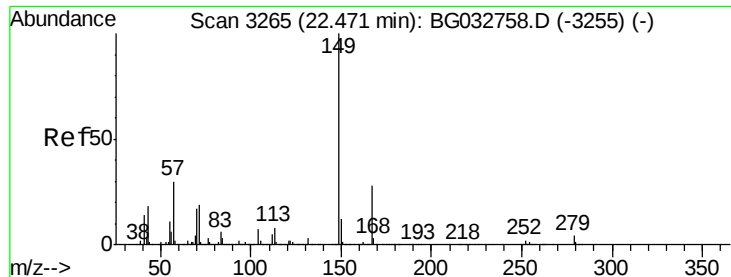
Tot Ion:228 Resp: 877136
Ion Ratio Lower Upper
228 100
226 29.1 22.7 34.1
229 20.3 16.2 24.2



#82
Chrysene
Concen: 46.347 ng
RT: 22.67 min Scan# 3299
Delta R.T. 0.00 min
Lab File: BG033043.D
Acq: 8 Mar 2018 16:37

Tgt Ion:228 Resp: 824768
Ion Ratio Lower Upper
228 100
226 32.1 24.9 37.3
229 20.5 15.0 22.4

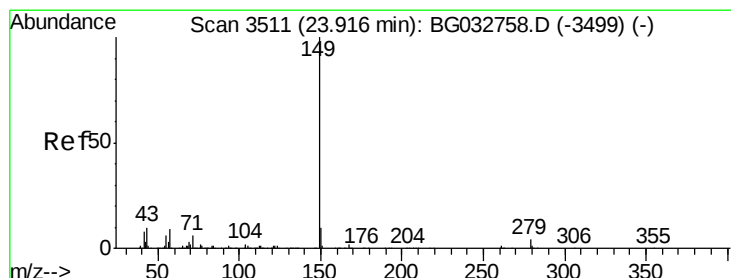
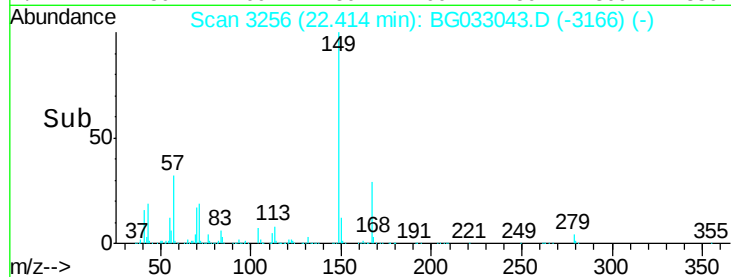
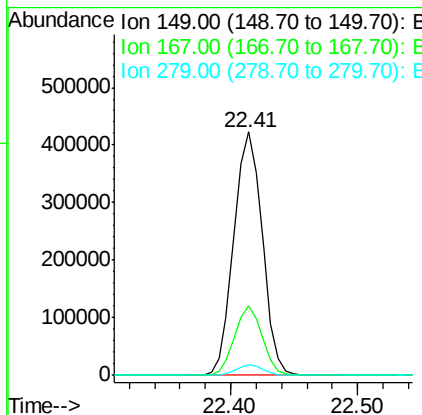
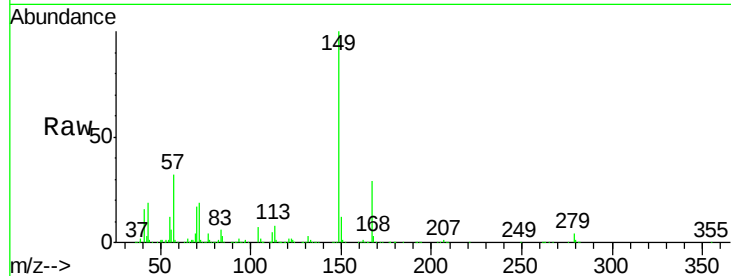




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.748 ng
 RT: 22.41 min Scan# 3256
 Delta R.T. 0.00 min
 Lab File: BG033043.D
 Acq: 8 Mar 2018 16:37

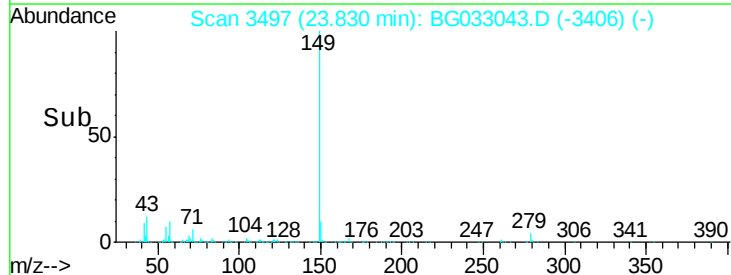
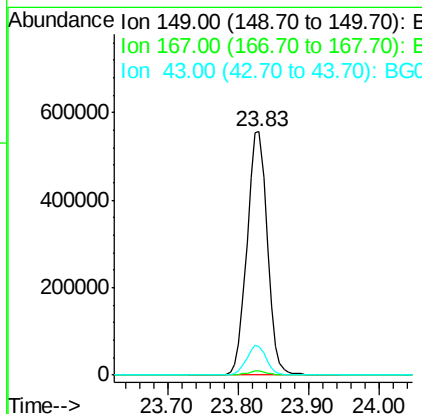
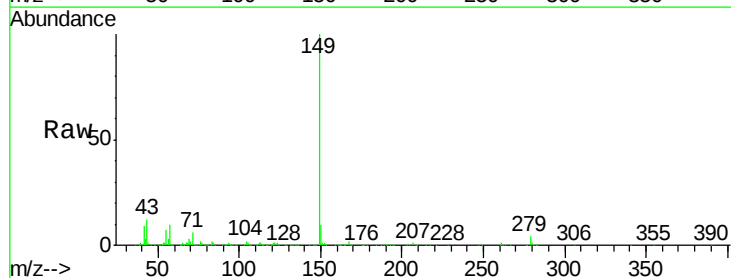
Instrument :
 BNA_G
 ClientSampled :

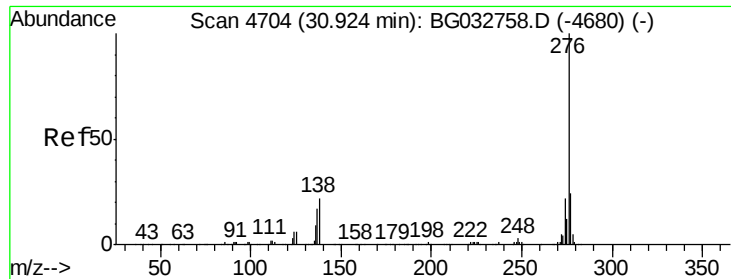
Tot Ion:149 Resp: 655437
 Ion Ratio Lower Upper
 149 100
 167 28.7 24.3 36.5
 279 4.2 4.0 6.0



#84
 Di-n-octyl phthalate
 Concen: 54.453 ng
 RT: 23.83 min Scan# 3497
 Delta R.T. 0.01 min
 Lab File: BG033043.D
 Acq: 8 Mar 2018 16:37

Tgt Ion:149 Resp: 1115973
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.0
 43 11.7 8.9 13.3

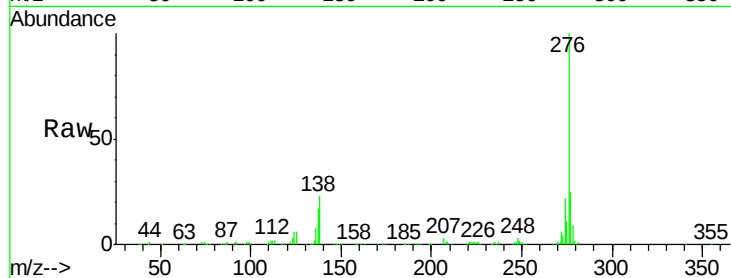




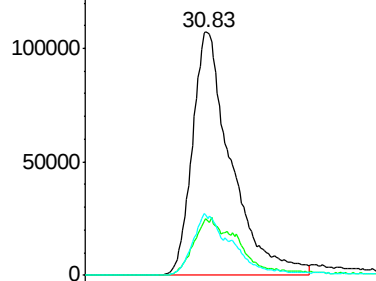
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.838 ng
 RT: 30.83 min Scan# 4688
 Delta R.T. 0.01 min
 Lab File: BG033043.D
 Acq: 8 Mar 2018 16:37

Instrument :
 BNA_G
 ClientSampled :

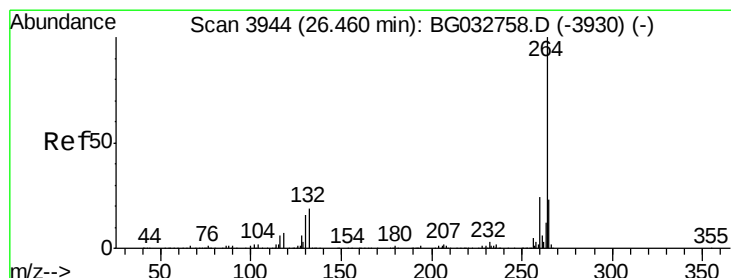
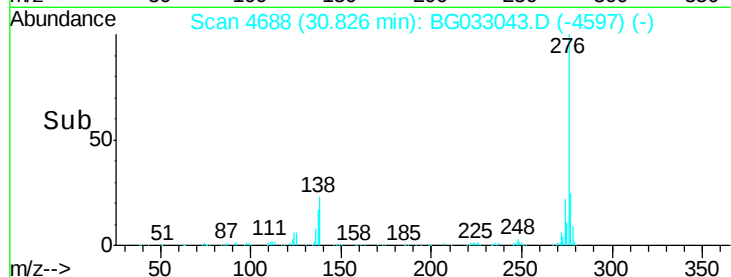
Tot Ion:276 Resp: 889050
 Ion Ratio Lower Upper
 276 100
 138 0.0 16.0 24.0#
 277 24.9 20.0 30.0



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

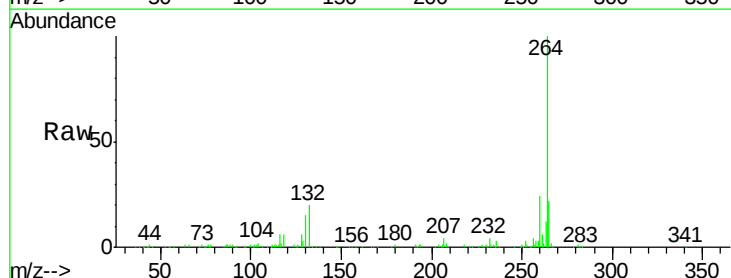


Time--> 30.50 31.00

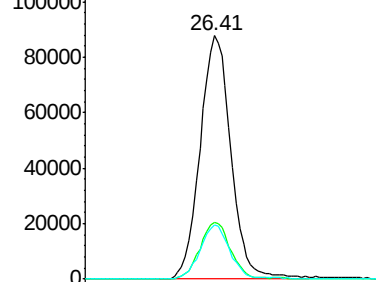


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.41 min Scan# 3936
 Delta R.T. 0.00 min
 Lab File: BG033043.D
 Acq: 8 Mar 2018 16:37

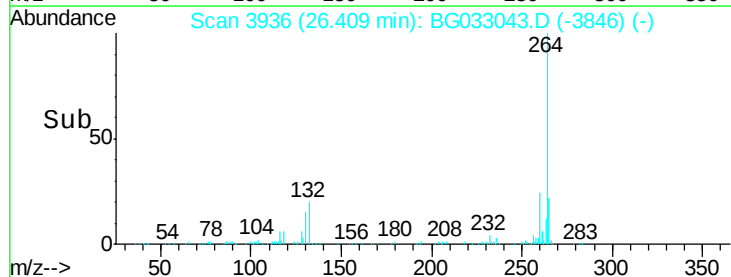
Tgt Ion:264 Resp: 305264
 Ion Ratio Lower Upper
 264 100
 260 23.6 17.4 26.0
 265 22.2 17.7 26.5

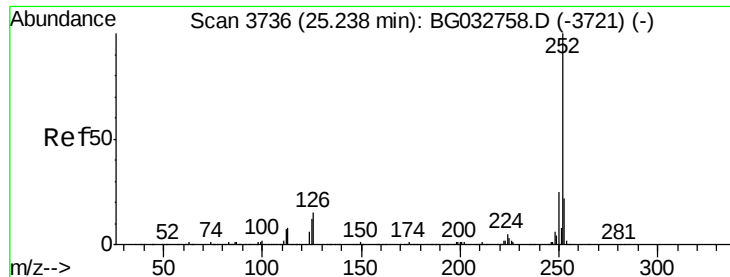


Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E



Time--> 26.40 26.60





#87

Benzo(b)fluoranthene

Concen: 47.873 ng

RT: 25.19 min Scan# 3729

Delta R.T. 0.01 min

Lab File: BG033043.D

Acq: 8 Mar 2018 16:37

Instrument :

BNA_G

ClientSampleId :

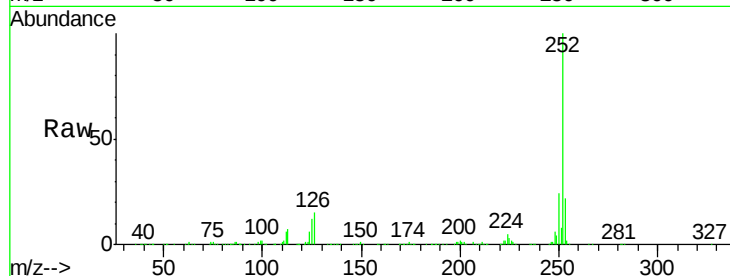
Tot Ion:252 Resp: 864078

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.4

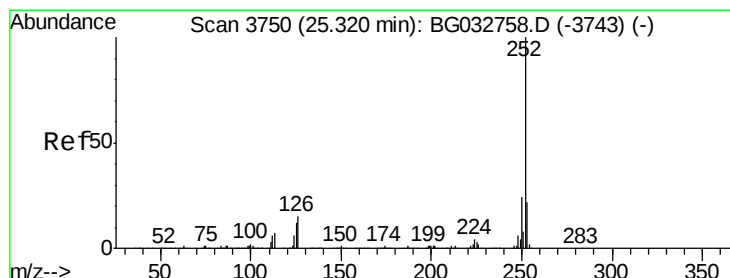
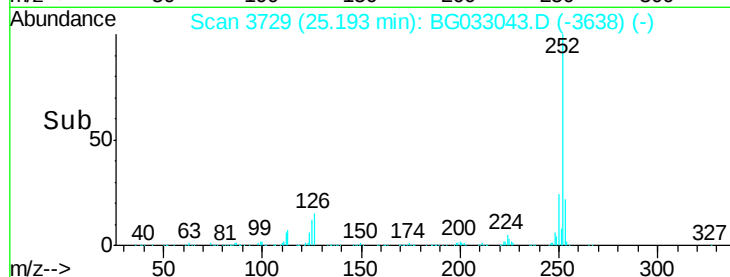
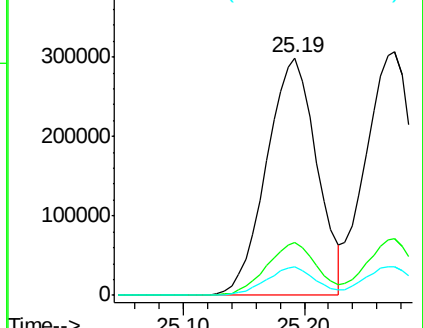
125 11.8 7.2 10.8#



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: 49.009 ng

RT: 25.27 min Scan# 3743

Delta R.T. 0.01 min

Lab File: BG033043.D

Acq: 8 Mar 2018 16:37

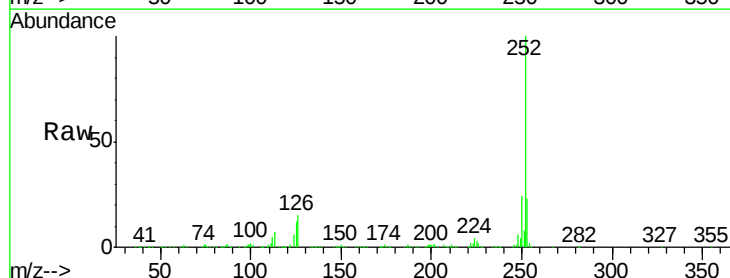
Tgt Ion:252 Resp: 879127

Ion Ratio Lower Upper

252 100

253 23.5 17.4 26.2

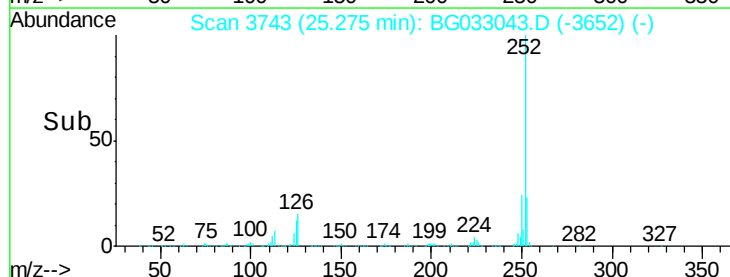
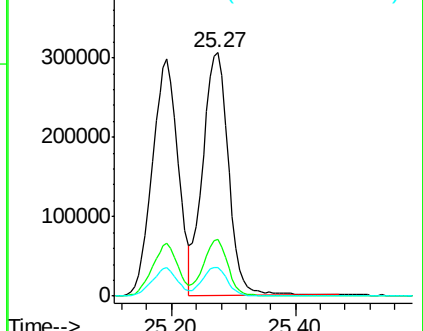
125 11.5 6.6 9.8#

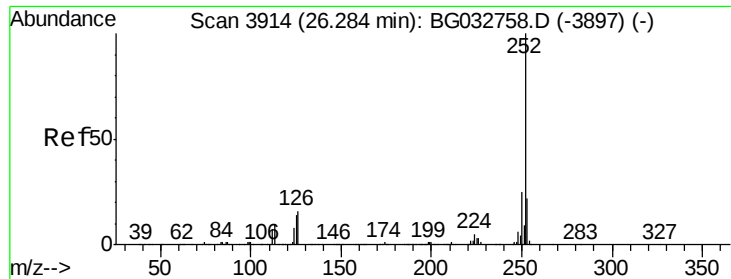


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 48.135 ng

RT: 26.23 min Scan# 3906

Delta R.T. 0.01 min

Lab File: BG033043.D

Acq: 8 Mar 2018 16:37

Instrument :

BNA_G

ClientSampleId :

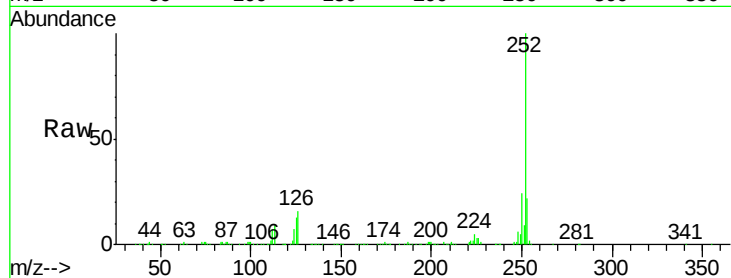
Tot Ion:252 Resp: 826357

Ion Ratio Lower Upper

252 100

253 22.0 18.3 27.5

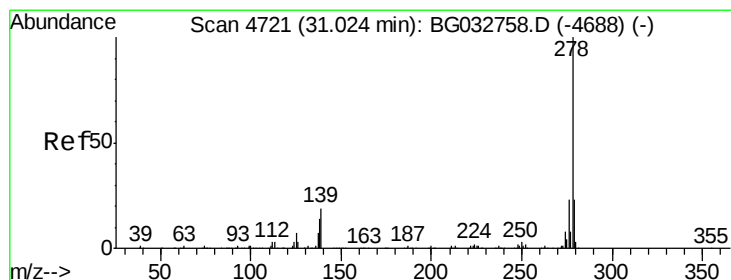
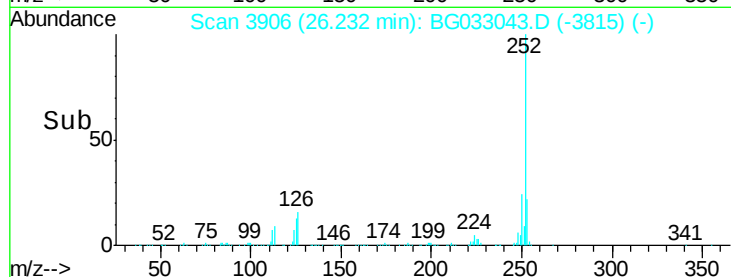
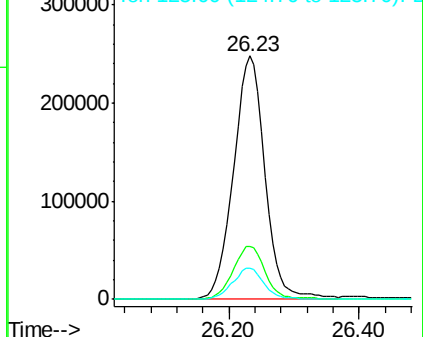
125 12.9 7.3 10.9#



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: 41.627 ng

RT: 30.91 min Scan# 4702

Delta R.T. 0.00 min

Lab File: BG033043.D

Acq: 8 Mar 2018 16:37

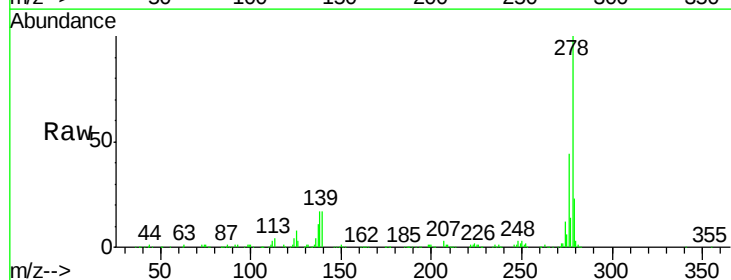
Tgt Ion:278 Resp: 719316

Ion Ratio Lower Upper

278 100

139 16.7 9.8 14.6#

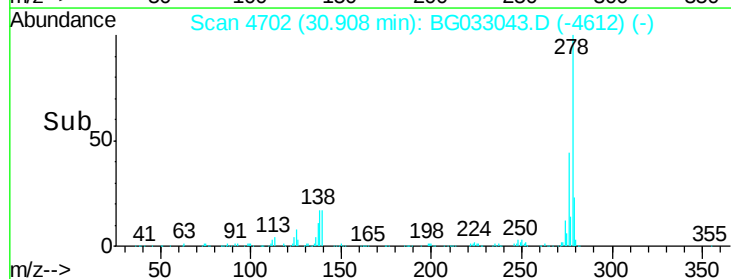
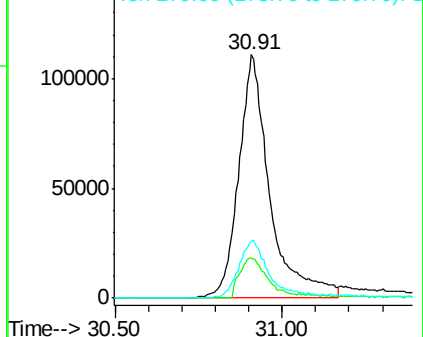
279 23.4 18.4 27.6

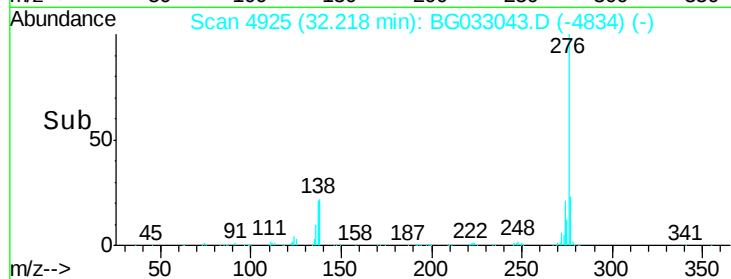
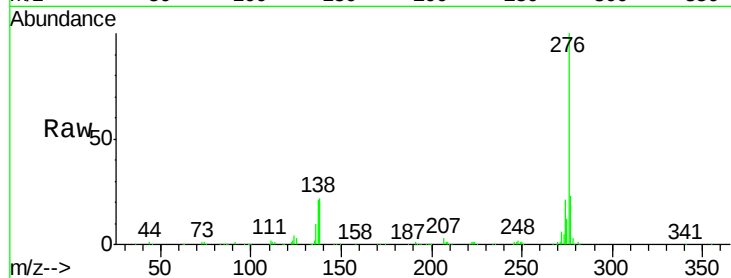
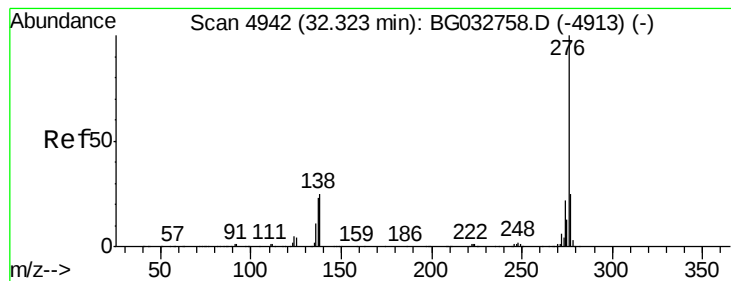


Abundance Ion 278.00 (277.70 to 278.70): E

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: 43.284 ng
 RT: 32.22 min Scan# 4925
 Delta R.T. 0.01 min
 Lab File: BG033043.D
 Acq: 8 Mar 2018 16:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.3	27.5
138	22.3	13.9	20.9

