

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031918\
 Data File : BG033235.D
 Acq On : 19 Mar 2018 11:10
 Operator : SJ/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 19 11:56:03 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 19 11:53:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	33125	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	153251	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	118351	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	298983	20.00	ng	0.00
75) Chrysene-d12	22.60	240	297539	20.00	ng	0.00
86) Perylene-d12	26.39	264	310436	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.31	112	153250	74.02	ng	0.00
7) Phenol-d6	8.00	99	250983	86.97	ng	0.00
23) Nitrobenzene-d5	10.10	82	274928	148.18	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	146790	117.96	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	667565	81.35	ng	0.00
78) Terphenyl-d14	20.76	244	1118092	84.43	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.95	88	35517	39.525	ng	89
3) Pyridine	4.42	79	109608	44.256	ng	95
4) n-Nitrosodimethylamine	4.32	42	41116	41.407	ng	# 89
6) Aniline	8.19	93	154357	39.513	ng	# 96
8) 2-Chlorophenol	8.44	128	87756	38.723	ng	98
9) Benzaldehyde	7.99	77	75501	45.392	ng	94
10) Phenol	8.02	94	126499	43.482	ng	86
11) bis(2-Chloroethyl)ether	8.28	93	106591	44.807	ng	95
12) 1,3-Dichlorobenzene	8.78	146	107661	40.559	ng	96
13) 1,4-Dichlorobenzene	8.93	146	105889	39.631	ng	97
14) 1,2-Dichlorobenzene	9.26	146	108182	42.252	ng	99
15) Benzyl Alcohol	9.13	79	102590	48.354	ng	93
16) 2,2'-oxybis(1-Chloropropan	9.42	45	163038	39.867	ng	88
17) 2-Methylphenol	9.33	107	83763	39.045	ng	# 89
18) Hexachloroethane	10.02	117	41228	45.319	ng	92
19) n-Nitroso-di-n-propylamine	9.70	70	97194	47.704	ng	94
20) 3+4-Methylphenols	9.66	107	125285	42.002	ng	87
22) Acetophenone	9.74	105	180771	46.707	ng	# 99
24) Nitrobenzene	10.14	77	147913	66.807	ng	94
25) Isophorone	10.66	82	267776	49.782	ng	100
26) 2-Nitrophenol	10.87	139	58642	73.973	ng	# 84
27) 2,4-Dimethylphenol	10.90	122	77297	33.079	ng	91
28) bis(2-Chloroethoxy)methane	11.14	93	134275	42.850	ng	97
29) 2,4-Dichlorophenol	11.41	162	101479	47.850	ng	98
30) 1,2,4-Trichlorobenzene	11.63	180	127543	51.304	ng	99
31) Naphthalene	11.83	128	323314	40.374	ng	100
32) Benzoic acid	11.03	122	65261	48.992	ng	93
33) 4-Chloroaniline	11.93	127	148895	41.584	ng	# 92
34) Hexachlorobutadiene	12.09	225	93329	66.929	ng	92
35) Caprolactam	12.67	113	39472	46.482	ng	95
36) 4-Chloro-3-methylphenol	12.99	107	135578	54.935	ng	94
37) 2-Methylnaphthalene	13.38	142	244033	42.121	ng	92
39) 1,2,4,5-Tetrachlorobenzene	13.73	216	172913	49.217	ng	99
40) Hexachlorocyclopentadiene	13.71	237	104018	58.094	ng	94

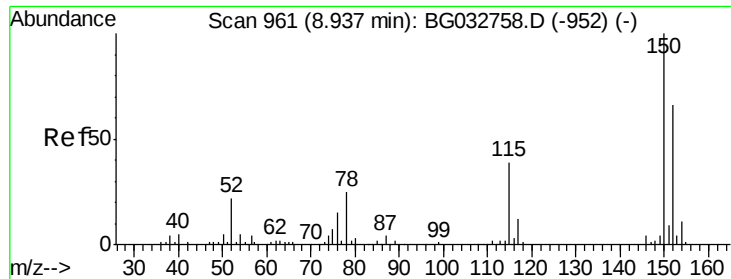
Data Path : Z:\HPCHEM1\BNA G\DATA\BG031918\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.96	196	105614	47.668	nq	97
43) 2,4,5-Trichlorophenol	14.03	196	129004	50.308	nq	97
45) 1,1'-Biphenyl	14.35	154	370863	35.860	nq	97
46) 2-Chloronaphthalene	14.41	162	287497	37.214	nq	96
47) 2-Nitroaniline	14.60	65	110647	66.268	nq	95
48) Acenaphthylene	15.24	152	475482	37.593	nq	100
49) Dimethylphthalate	14.94	163	418247	41.620	nq	99
50) 2,6-Dinitrotoluene	15.07	165	89575	61.958	nq	95
51) Acenaphthene	15.57	154	311641	39.563	nq	96
52) 3-Nitroaniline	15.41	138	91285	50.017	nq	# 93
53) 2,4-Dinitrophenol	15.60	184	38797	93.588	nq	89
54) Dibenzofuran	15.90	168	451496	40.254	nq	93
55) 4-Nitrophenol	15.69	139	65111	47.148	nq	91
56) 2,4-Dinitrotoluene	15.84	165	127202	73.298	nq	94
57) Fluorene	16.55	166	378886	40.928	nq	99
58) 2,3,4,6-Tetrachlorophenol	16.12	232	116872	58.703	nq	95
59) Diethylphthalate	16.27	149	403605	38.079	nq	96
60) 4-Chlorophenyl-phenylether	16.52	204	216382	47.781	nq	99
61) 4-Nitroaniline	16.56	138	91982	46.218	nq	84
62) Azobenzene	16.81	77	395170	41.675	nq	99
64) 4,6-Dinitro-2-methylphenol	16.60	198	76033	94.598	nq	94
65) n-Nitrosodiphenylamine	16.73	169	347858	35.765	nq	96
66) 4-Bromophenyl-phenylether	17.41	248	143917	45.523	nq	96
67) Hexachlorobenzene	17.54	284	149323	43.707	nq	97
68) Atrazine	17.65	200	142374	44.470	nq	96
69) Pentachlorophenol	17.88	266	103740	48.208	nq	97
70) Phenanthrene	18.28	178	631832	37.879	nq	99
71) Anthracene	18.38	178	639797	38.206	nq	99
72) Carbazole	18.63	167	572114	34.661	nq	99
73) Di-n-butylphthalate	19.12	149	667799	32.978	nq	# 98
74) Fluoranthene	20.24	202	782098	42.446	nq	98
76) Benzidine	20.40	184	353391	34.844	nq	97
77) Pyrene	20.60	202	804278	38.331	nq	100
79) Butylbenzylphthalate	21.45	149	298565	32.093	nq	95
80) Benzo(a)anthracene	22.58	228	760695	39.869	nq	98
81) 3,3'-Dichlorobenzidine	22.46	252	284227	40.222	nq	99
82) Chrysene	22.65	228	736338	40.401	nq	98
83) Bis(2-ethylhexyl)phthalate	22.40	149	412710	29.970	nq	99
84) Di-n-octyl phthalate	23.80	149	640576	30.518	nq	99
85) Indeno(1,2,3-cd)pyrene	30.80	276	813032	38.250	nq	# 89
87) Benzo(b)fluoranthene	25.17	252	729172	39.726	nq	# 95
88) Benzo(k)fluoranthene	25.25	252	737596	40.434	nq	# 97
89) Benzo(a)pyrene	26.21	252	702475	40.237	nq	# 95
90) Dibenzo(a,h)anthracene	30.88	278	681057	38.756	nq	96
91) Benzo(g,h,i)perylene	32.20	276	662362	38.236	nq	# 94

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

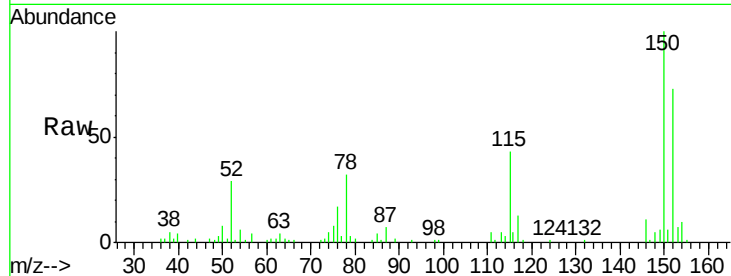


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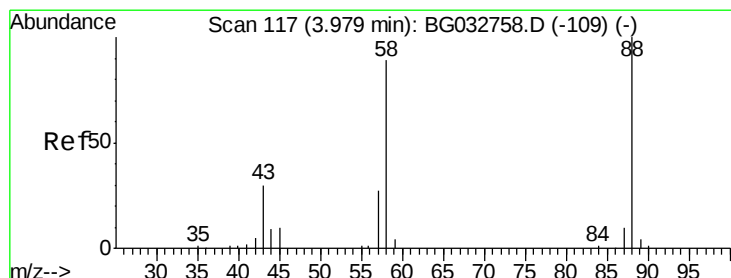
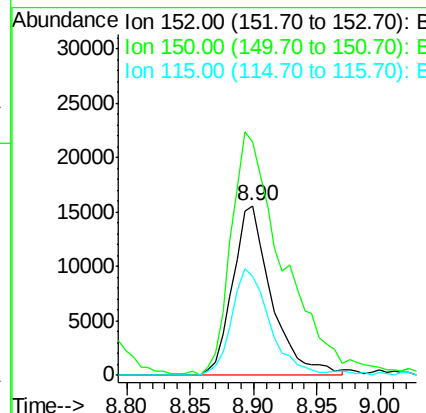
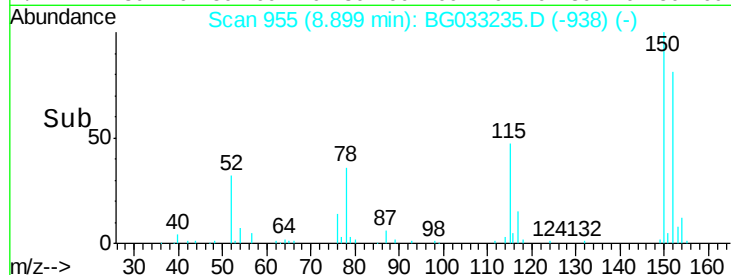
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.90 min Scan# 955
Delta R.T. 0.00 min
Lab File: BG033235.D
Acq: 19 Mar 2018 11:10

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 33125
Ion Ratio Lower Upper
152 100
150 137.7 126.6 189.8
115 58.5 53.0 79.4



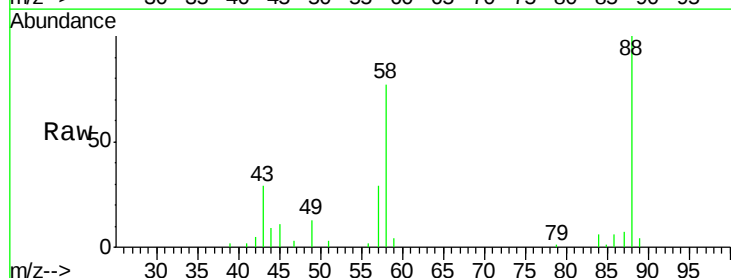
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



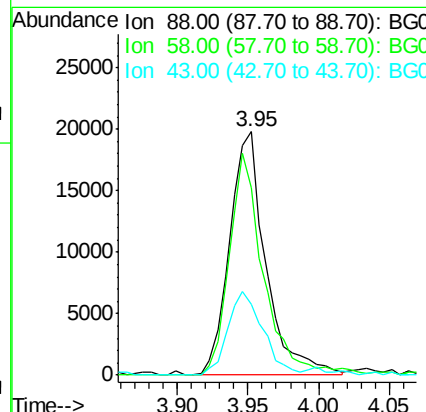
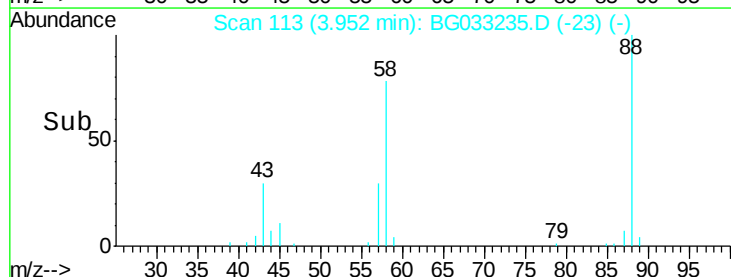
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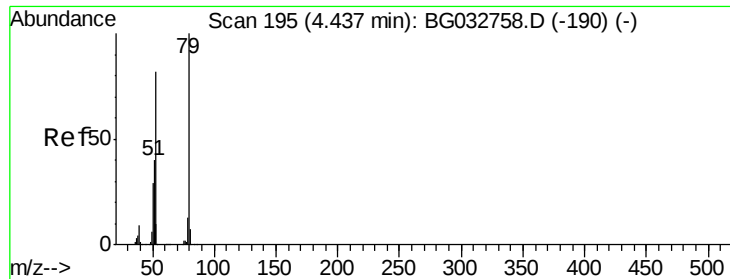
1,4-Dioxane
Concen: 39.525 ng
RT: 3.95 min Scan# 113
Delta R.T. 0.00 min
Lab File: BG033235.D
Acq: 19 Mar 2018 11:10

Tgt Ion: 88 Resp: 35517
Ion Ratio Lower Upper
88 100
58 86.0 79.6 119.4
43 33.0 27.4 41.0



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





#3

Pvridine

Concen: 44.256 ng

RT: 4.42 min Scan# 192

Delta R.T. 0.00 min

Lab File: BG033235.D

Acq: 19 Mar 2018 11:10

Instrument :

BNA_G

ClientSampled :

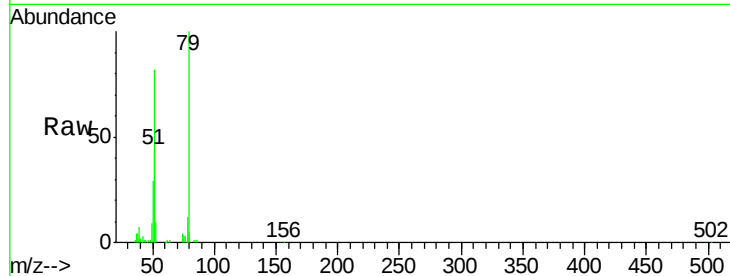
Tot Ion: 79 Resp: 109608

Ion Ratio Lower Upper

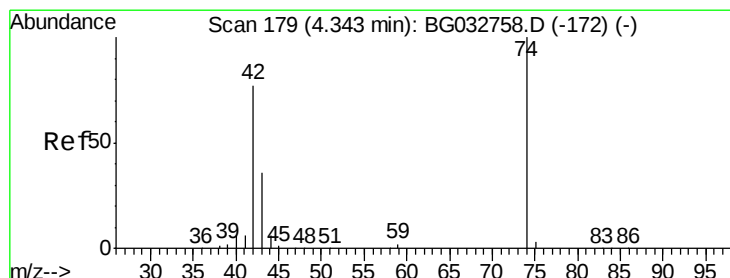
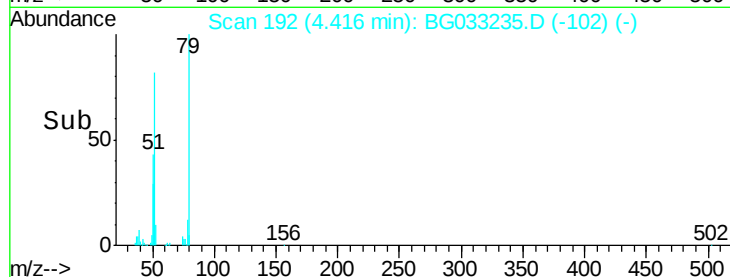
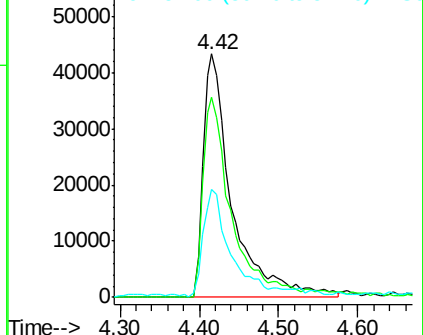
79 100

52 81.9 69.9 104.9

51 44.4 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: 41.407 ng

RT: 4.32 min Scan# 176

Delta R.T. 0.00 min

Lab File: BG033235.D

Acq: 19 Mar 2018 11:10

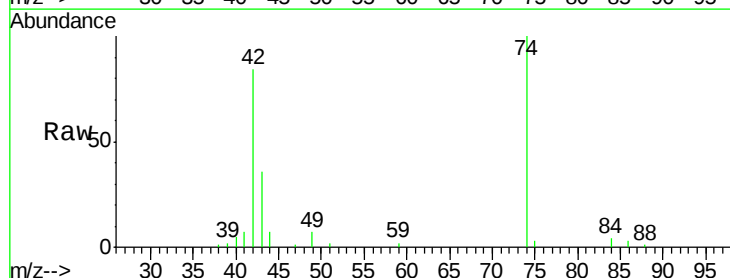
Tgt Ion: 42 Resp: 41116

Ion Ratio Lower Upper

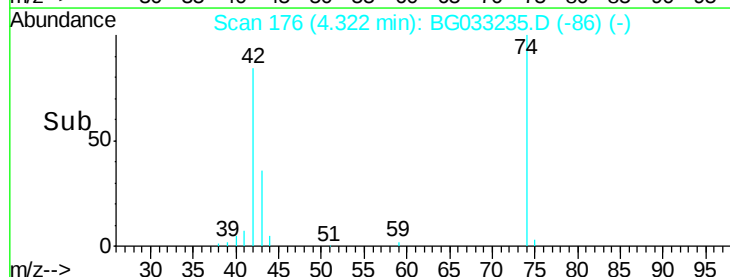
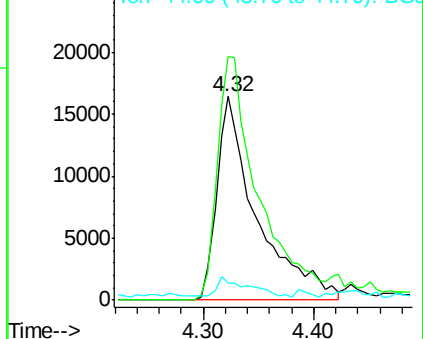
42 100

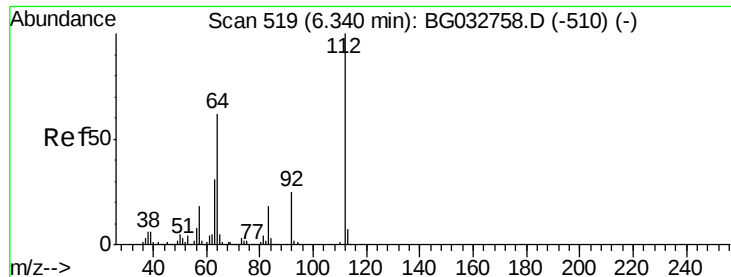
74 119.5 102.5 153.7

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: 74.016 ng

RT: 6.31 min Scan# 515

Delta R.T. 0.00 min

Lab File: BG033235.D

Acq: 19 Mar 2018 11:10

Instrument :

BNA_G

ClientSampleId :

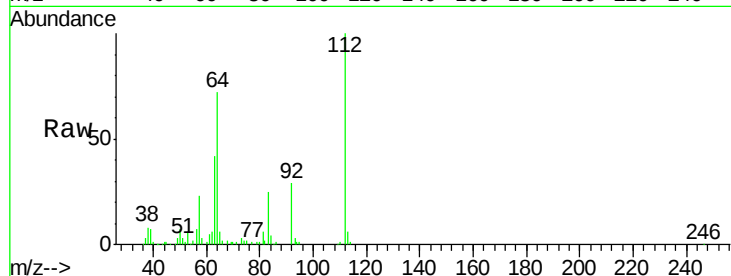
Tot Ion:112 Resp: 153250

Ion Ratio Lower Upper

112 100

64 71.7 56.3 84.5

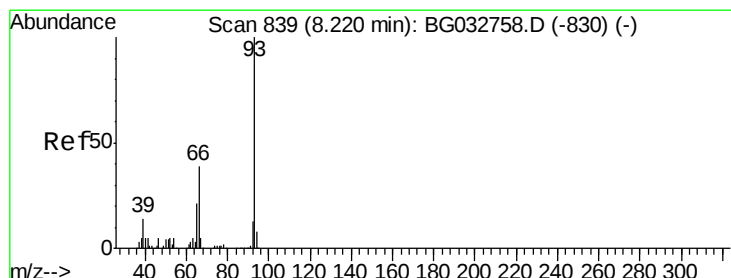
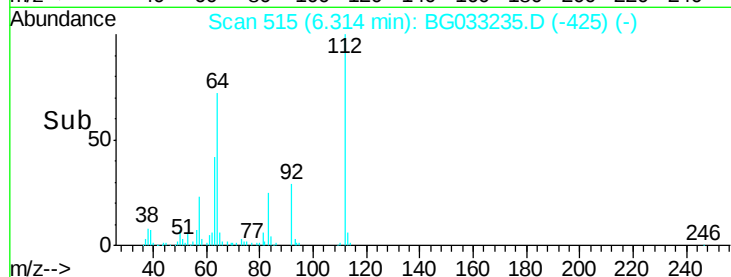
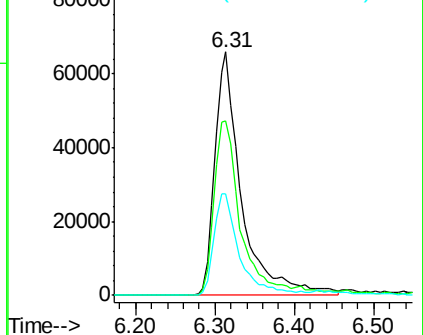
63 41.6 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 39.513 ng

RT: 8.19 min Scan# 834

Delta R.T. 0.00 min

Lab File: BG033235.D

Acq: 19 Mar 2018 11:10

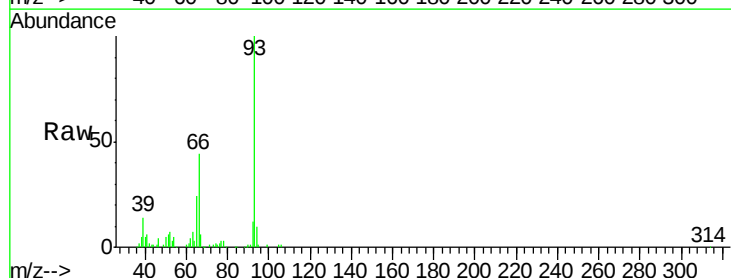
Tgt Ion: 93 Resp: 154357

Ion Ratio Lower Upper

93 100

66 43.5 33.7 50.5

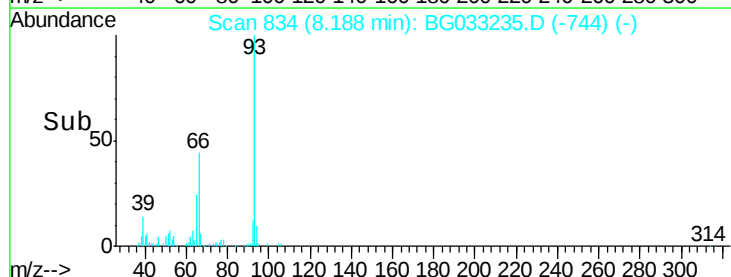
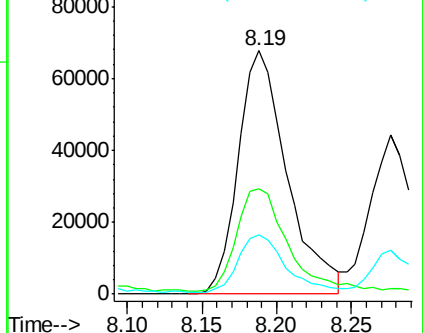
65 24.2 16.1 24.1#

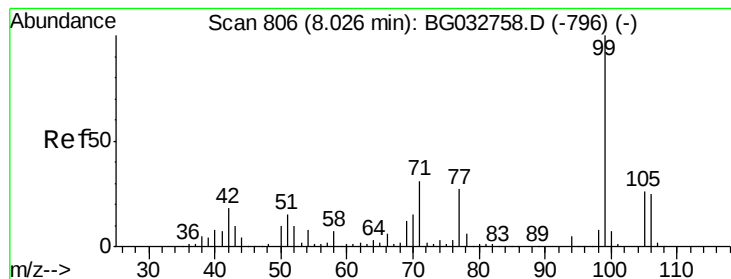


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 86.966 ng

RT: 8.00 min Scan# 802

Delta R.T. 0.00 min

Lab File: BG033235.D

Acq: 19 Mar 2018 11:10

Instrument :

BNA_G

ClientSampled :

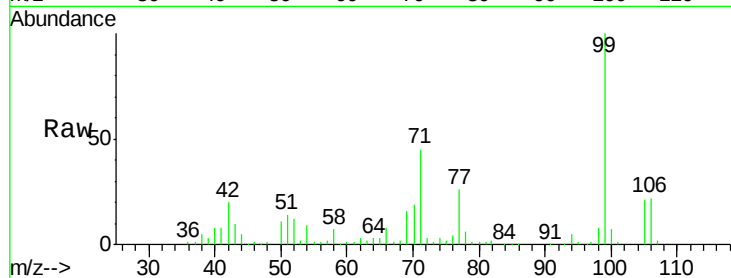
Tot Ion: 99 Resp: 250983

Ion Ratio Lower Upper

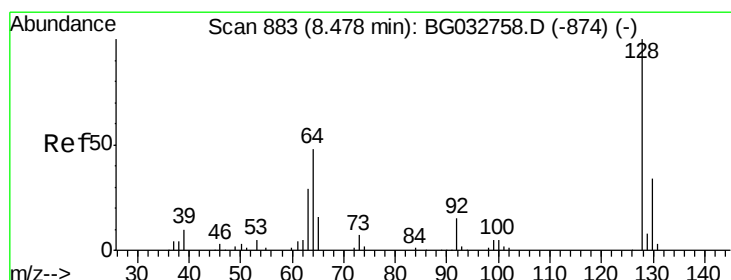
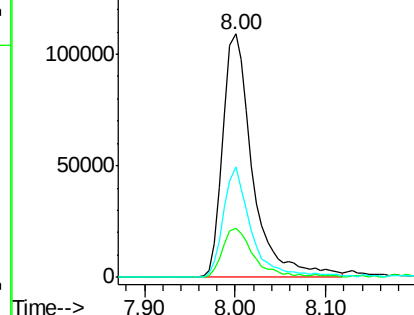
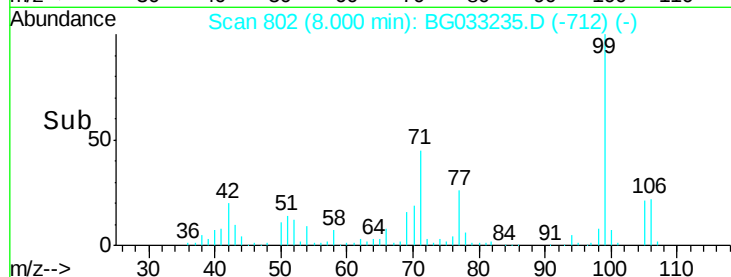
99 100

42 20.3 14.1 21.1

71 45.2 26.1 39.1#



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



#8

2-Chlorophenol

Concen: 38.723 ng

RT: 8.44 min Scan# 877

Delta R.T. 0.00 min

Lab File: BG033235.D

Acq: 19 Mar 2018 11:10

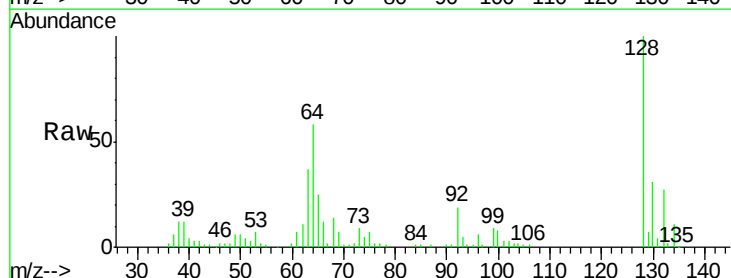
Tgt Ion: 128 Resp: 87756

Ion Ratio Lower Upper

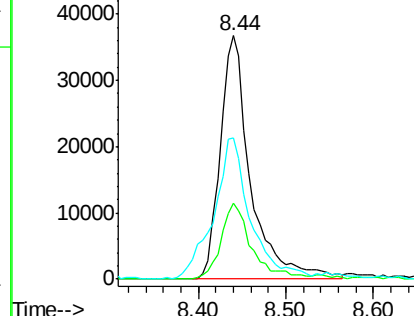
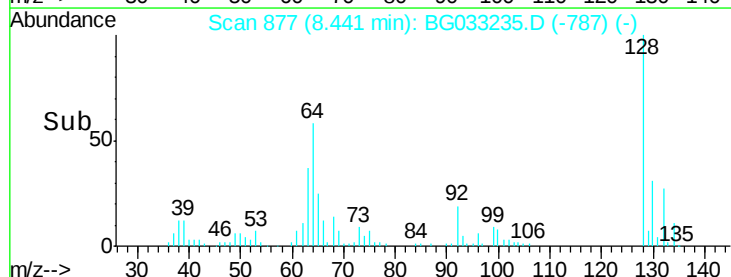
128 100

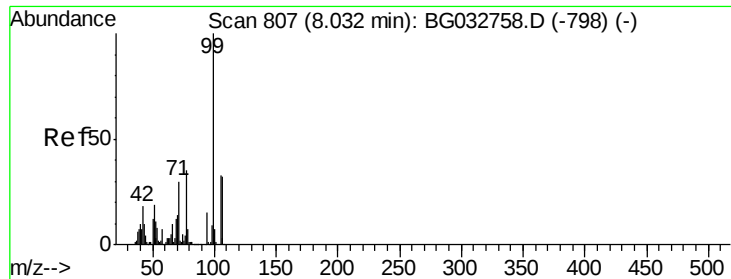
130 31.1 14.0 54.0

64 57.8 37.7 77.7



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





#9

Benzaldehyde

Concen: 45.392 ng

RT: 7.99 min Scan# 801

Delta R.T. 0.00 min

Lab File: BG033235.D

Acq: 19 Mar 2018 11:10

Instrument :

BNA_G

ClientSampleId :

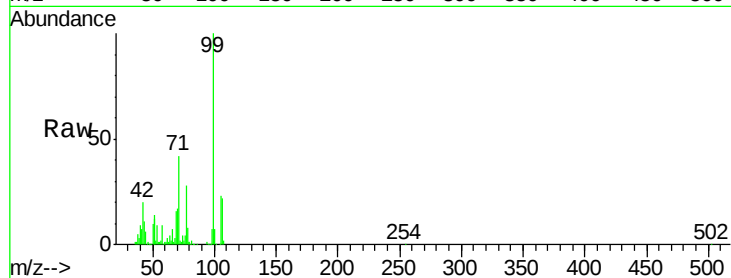
Tot Ion: 77 Resp: 75501

Ion Ratio Lower Upper

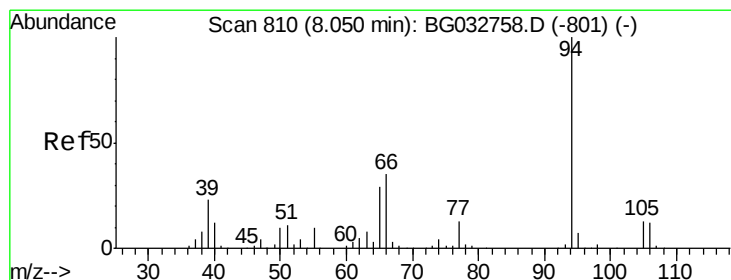
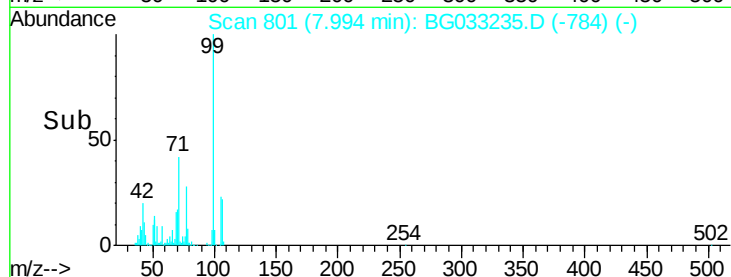
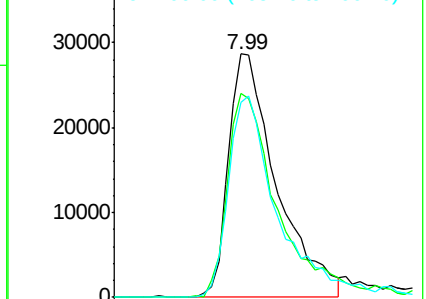
77 100

105 83.8 71.3 111.3

106 80.2 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: 43.482 ng

RT: 8.02 min Scan# 806

Delta R.T. 0.00 min

Lab File: BG033235.D

Acq: 19 Mar 2018 11:10

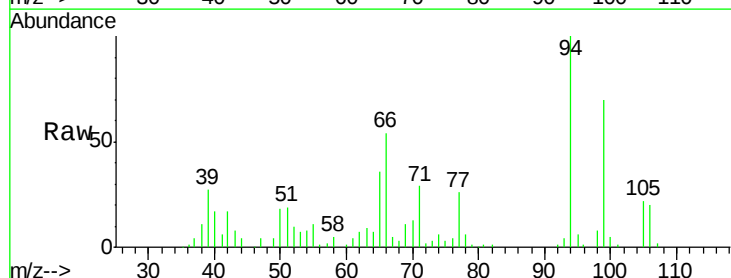
Tgt Ion: 94 Resp: 126499

Ion Ratio Lower Upper

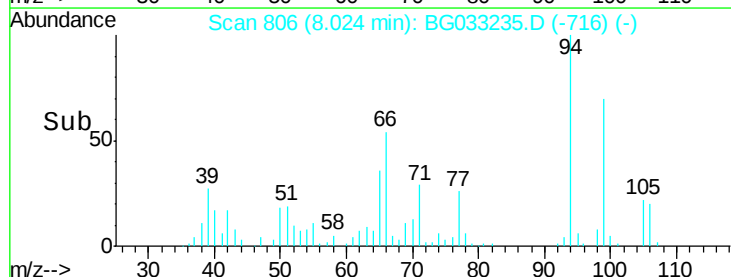
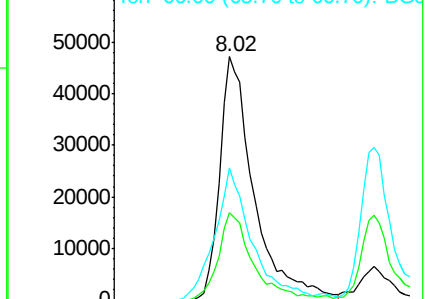
94 100

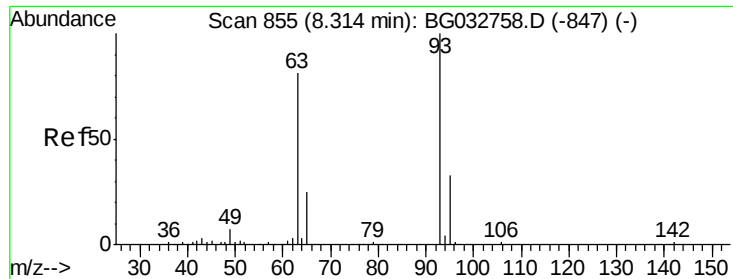
65 35.9 11.9 51.9

66 54.4 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 44.807 ng

RT: 8.28 min Scan# 849

Delta R.T. 0.00 min

Lab File: BG033235.D

Acq: 19 Mar 2018 11:10

Instrument :

BNA_G

ClientSampleId :

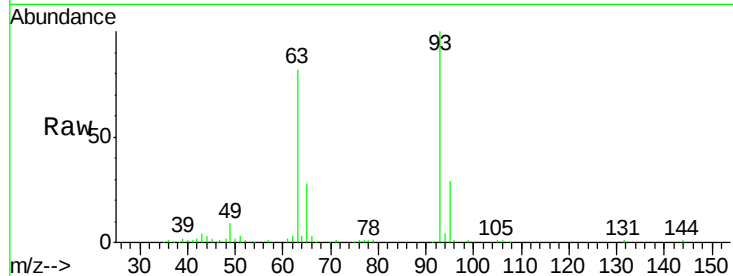
Tot Ion: 93 Resp: 106591

Ion Ratio Lower Upper

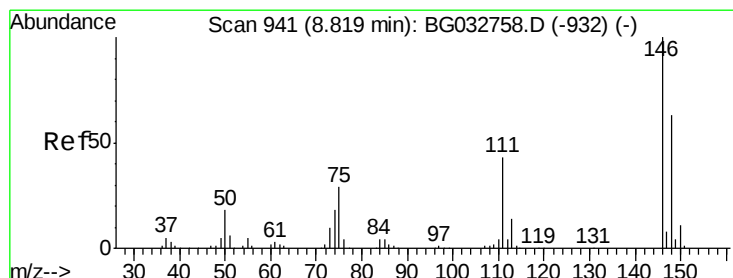
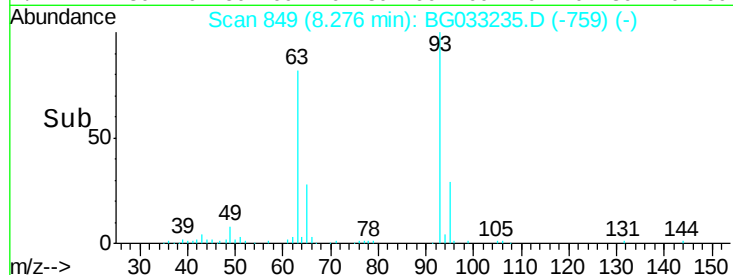
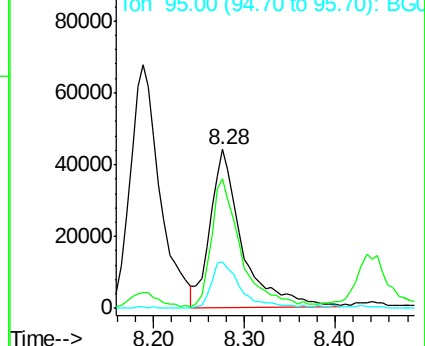
93 100

63 81.7 67.1 107.1

95 29.1 11.5 51.5



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



#12

1,3-Dichlorobenzene

Concen: 40.559 ng

RT: 8.78 min Scan# 934

Delta R.T. 0.00 min

Lab File: BG033235.D

Acq: 19 Mar 2018 11:10

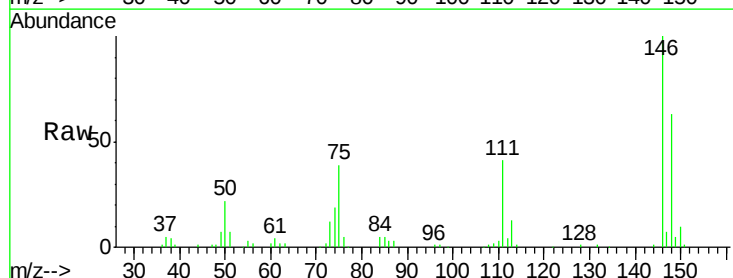
Tgt Ion: 146 Resp: 107661

Ion Ratio Lower Upper

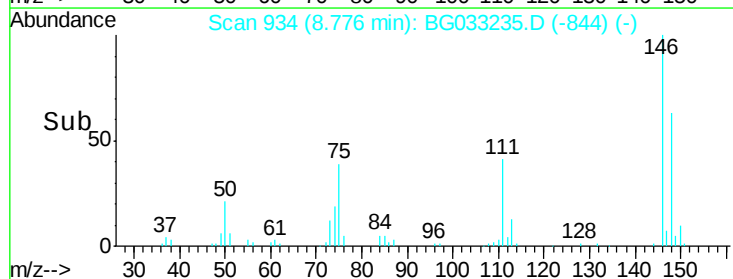
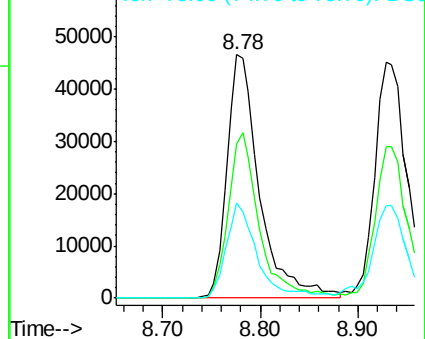
146 100

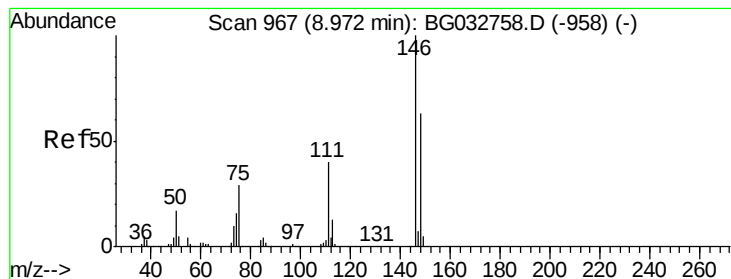
148 63.4 51.4 77.2

75 39.3 26.6 39.8



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





#13

1,4-Dichlorobenzene

Concen: 39.631 ng

RT: 8.93 min Scan# 960

Delta R.T. 0.00 min

Lab File: BG033235.D

Acq: 19 Mar 2018 11:10

Instrument :

BNA_G

ClientSampled :

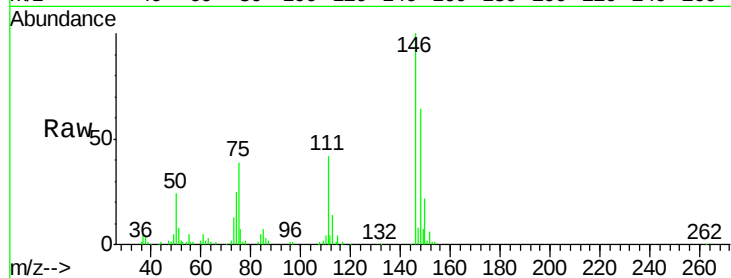
Tot Ion:146 Resp: 105889

Ion Ratio Lower Upper

146 100

148 64.1 53.7 80.5

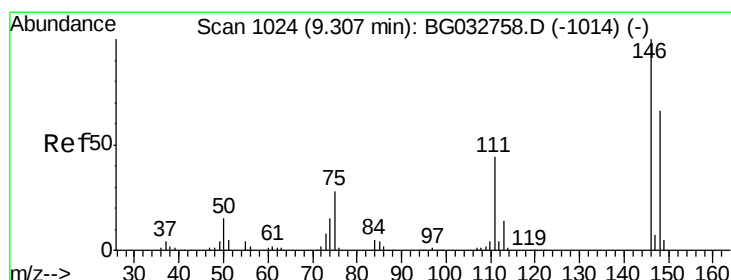
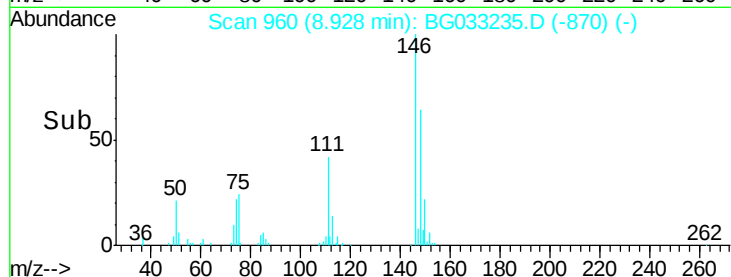
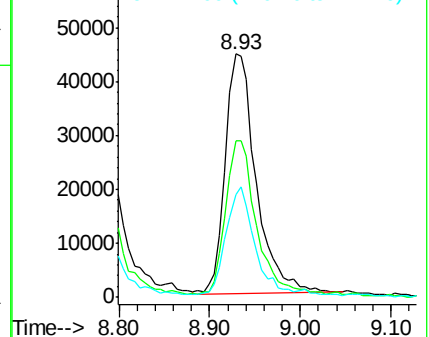
111 42.2 35.2 52.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.252 ng

RT: 9.26 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BG033235.D

Acq: 19 Mar 2018 11:10

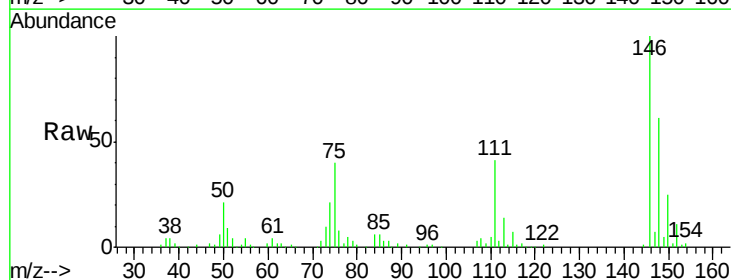
Tgt Ion:146 Resp: 108182

Ion Ratio Lower Upper

146 100

148 61.4 49.3 73.9

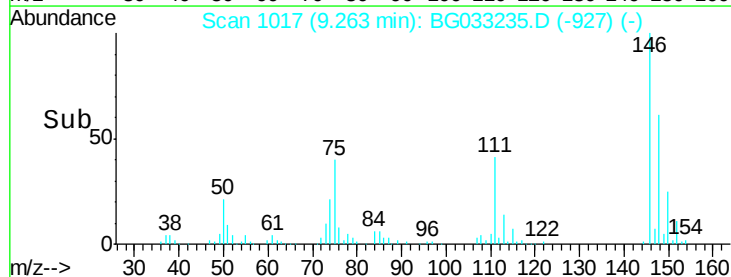
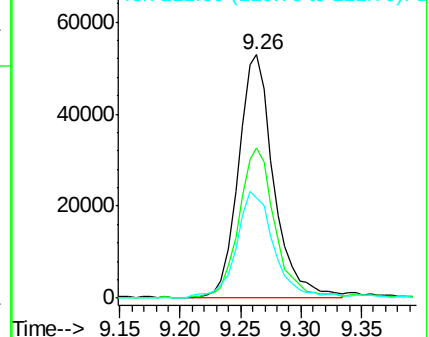
111 41.3 34.3 51.5

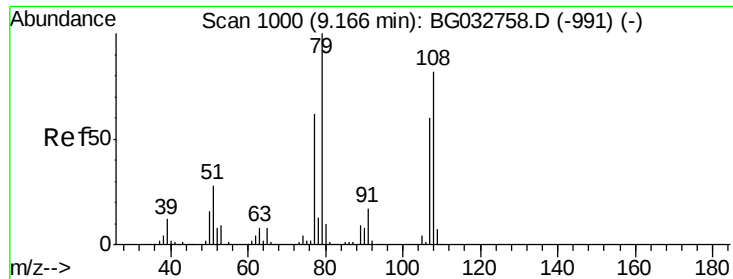


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

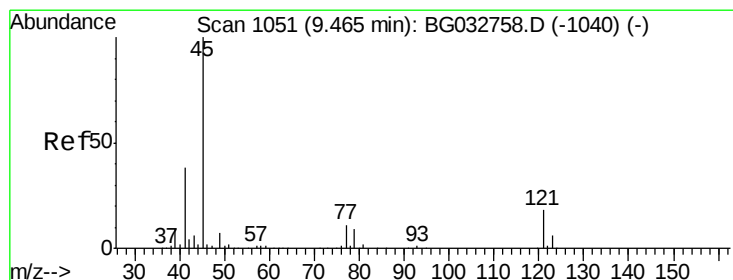
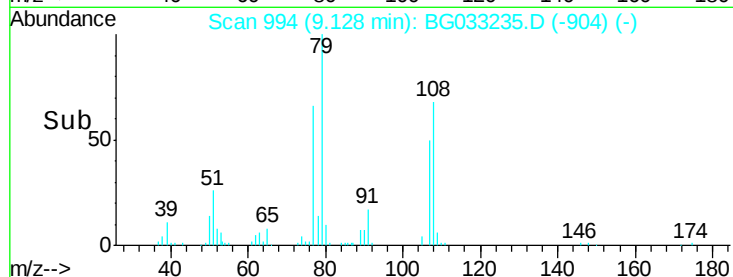
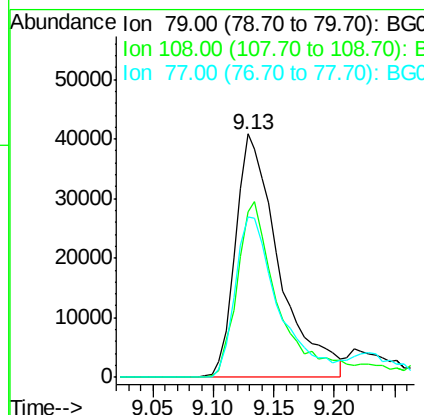
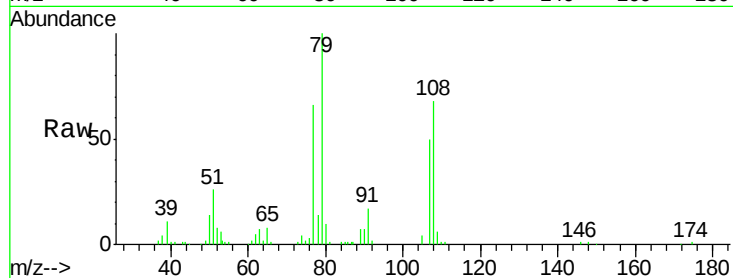




#15
Benzyl Alcohol
Concen: 48.354 ng
RT: 9.13 min Scan# 994
Delta R.T. 0.00 min
Lab File: BG033235.D
Acq: 19 Mar 2018 11:10

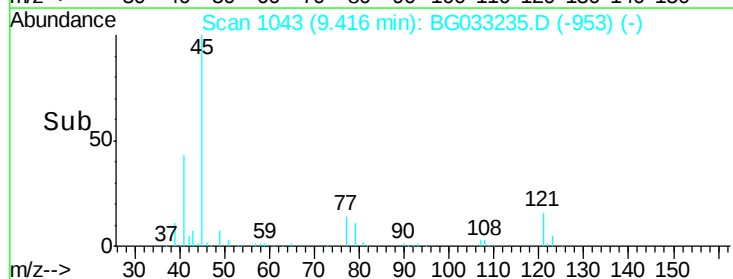
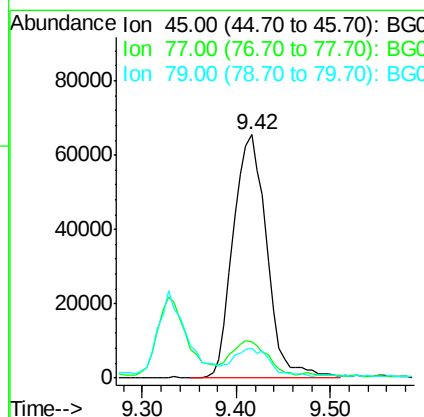
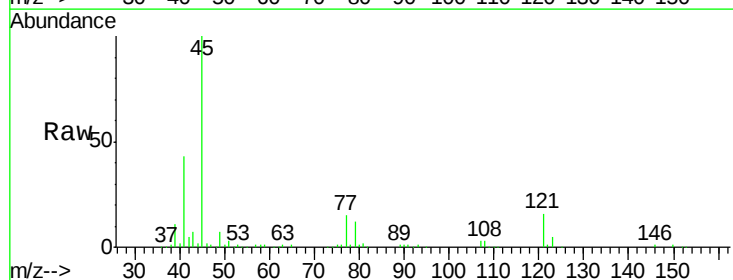
Instrument :
BNA_G
ClientSampled :

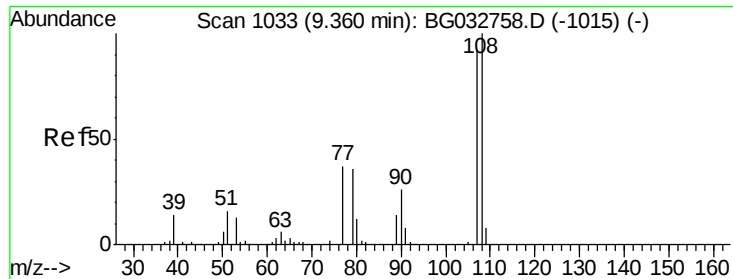
Tot Ion: 79 Resp: 102590
Ion Ratio Lower Upper
79 100
108 67.9 57.2 85.8
77 66.0 46.1 69.1



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.867 ng
RT: 9.42 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BG033235.D
Acq: 19 Mar 2018 11:10

Tgt Ion: 45 Resp: 163038
Ion Ratio Lower Upper
45 100
77 15.1 0.0 30.2
79 12.0 0.0 27.9

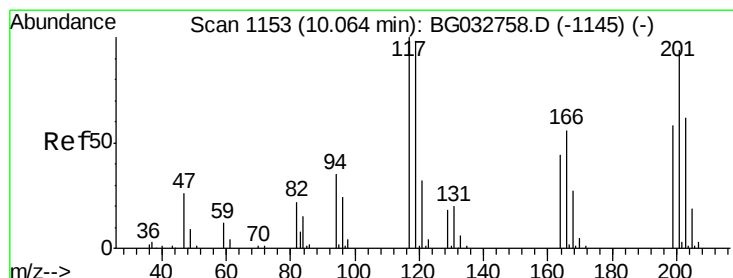
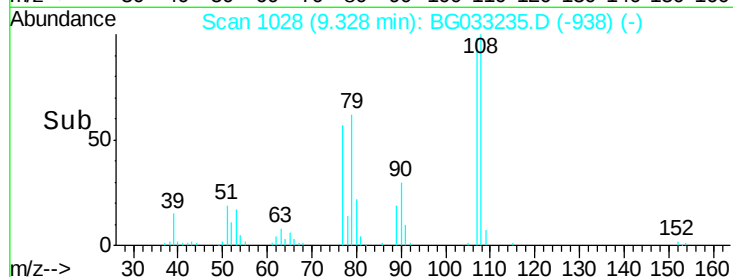
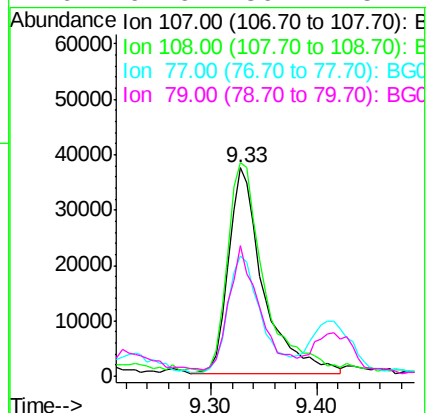
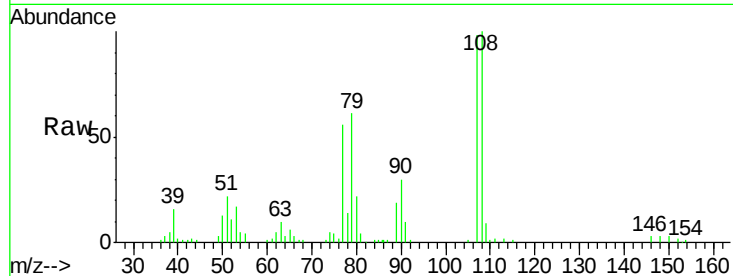




#17
2-Methylphenol
Concen: 39.045 ng
RT: 9.33 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BG033235.D
Acq: 19 Mar 2018 11:10

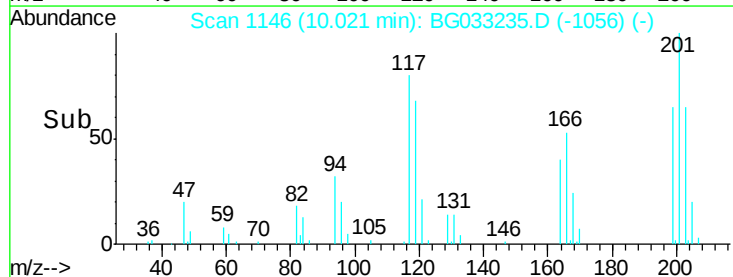
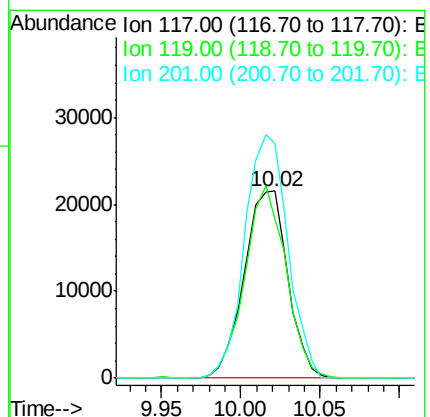
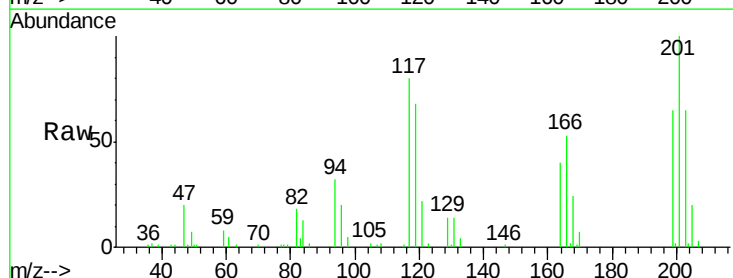
Instrument :
BNA_G
ClientSampled :

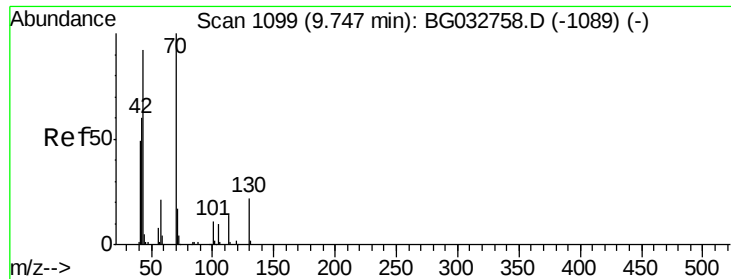
Tot Ion:107 Resp: 83763
Ion Ratio Lower Upper
107 100
108 102.5 83.9 125.9
77 57.9 37.2 55.8#
79 62.6 36.2 54.2#



#18
Hexachloroethane
Concen: 45.319 ng
RT: 10.02 min Scan# 1146
Delta R.T. 0.00 min
Lab File: BG033235.D
Acq: 19 Mar 2018 11:10

Tgt Ion:117 Resp: 41228
Ion Ratio Lower Upper
117 100
119 84.8 76.7 115.1
201 125.2 95.7 143.5

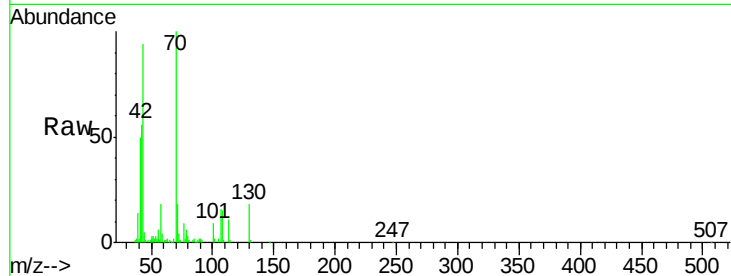




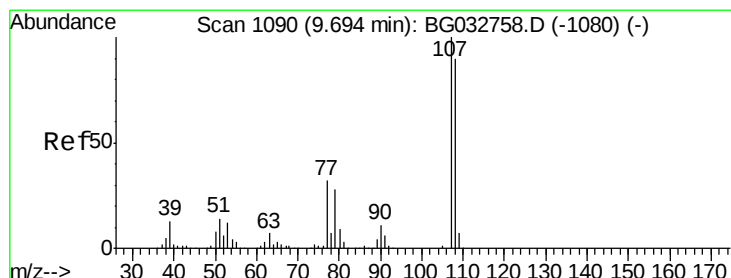
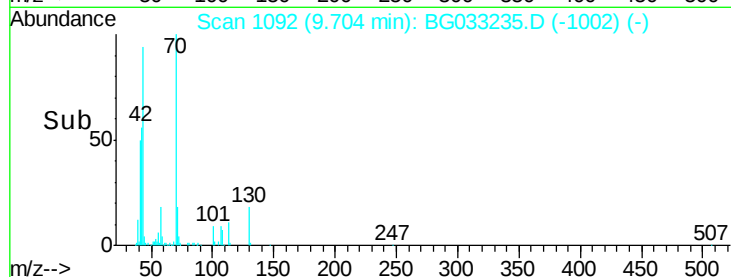
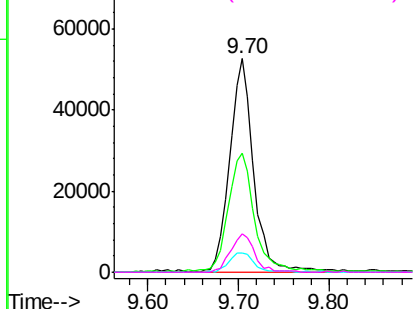
#19
n-Nitroso-di-n-propylamine
Concen: 47.704 ng
RT: 9.70 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BG033235.D
Acq: 19 Mar 2018 11:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	97194
Ion	Ratio	Lower	Upper
70	100		
42	55.9	49.1	73.7
101	9.1	8.5	12.7
130	18.2	13.4	20.0

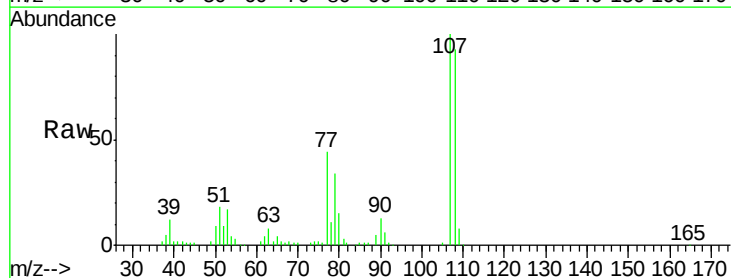


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

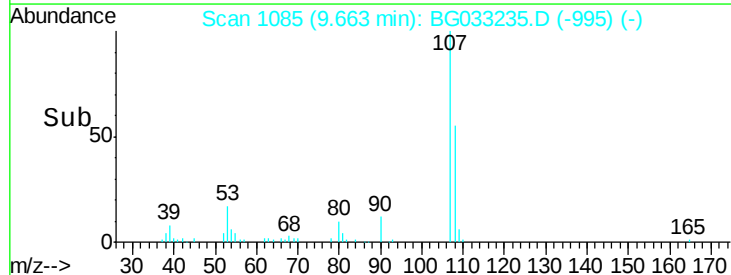
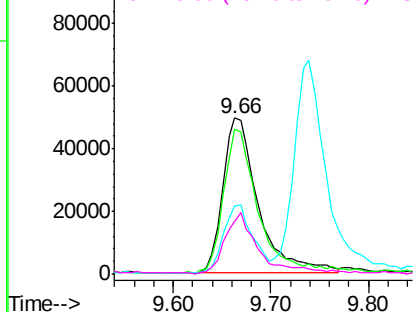


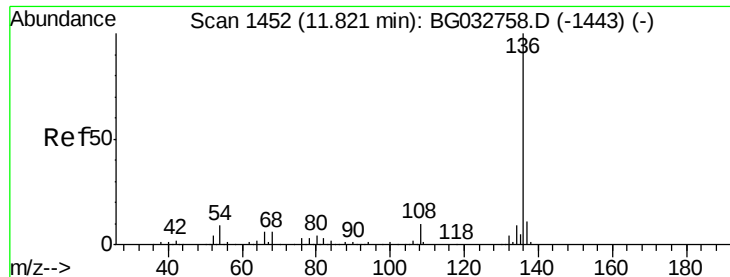
#20
3+4-Methylphenols
Concen: 42.002 ng
RT: 9.66 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BG033235.D
Acq: 19 Mar 2018 11:10

Tgt Ion:	107	Resp:	125285
Ion	Ratio	Lower	Upper
107	100		
108	92.9	61.6	101.6
77	43.5	13.9	53.9
79	33.7	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: 11.78 min Scan# 1445

Delta R.T. 0.00 min

Lab File: BG033235.D

Acq: 19 Mar 2018 11:10

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 153251

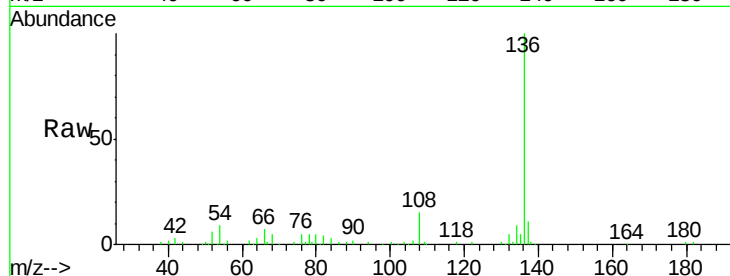
Ion Ratio Lower Upper

136 100

137 11.0 9.2 13.8

54 9.1 10.3 15.5#

68 4.9 4.5 6.7

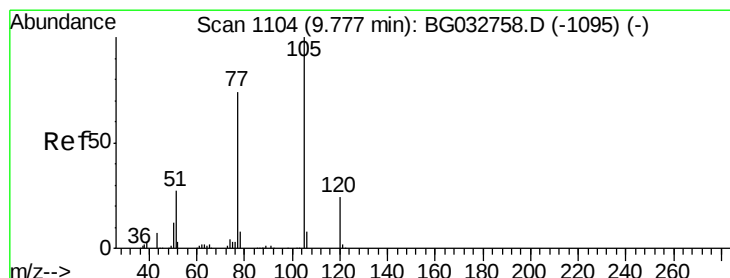
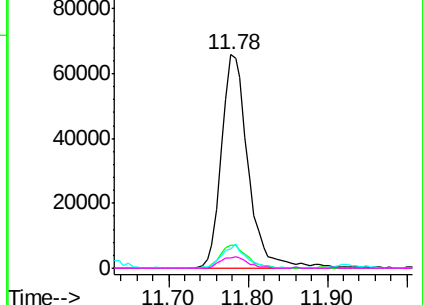
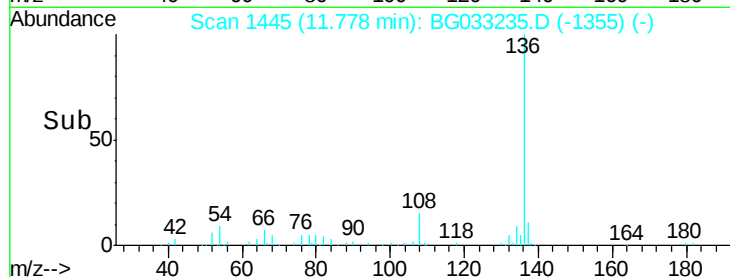


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 46.707 ng

RT: 9.74 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BG033235.D

Acq: 19 Mar 2018 11:10

Tgt Ion:105 Resp: 180771

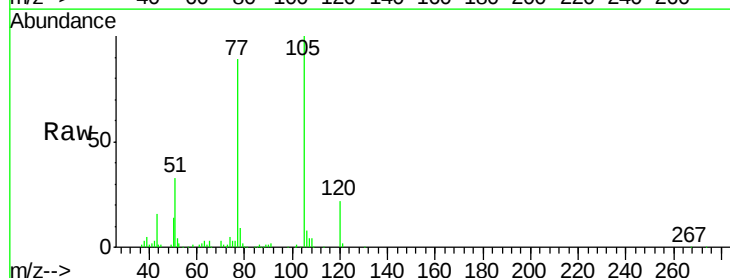
Ion Ratio Lower Upper

105 100

71 0.6 3.0 4.4#

51 32.6 26.1 39.1

120 22.2 17.4 26.2

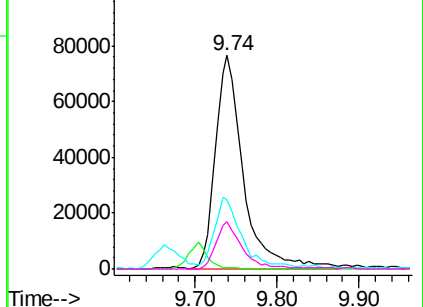
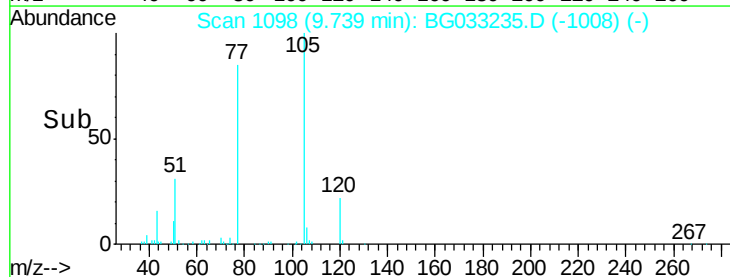


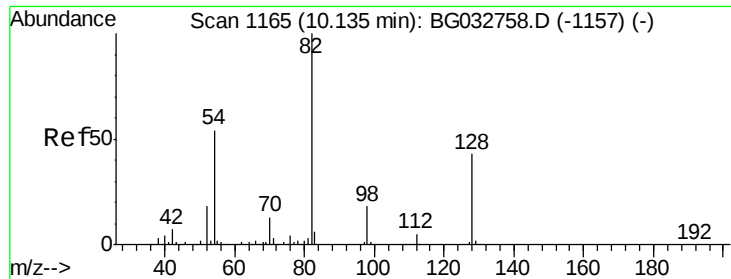
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

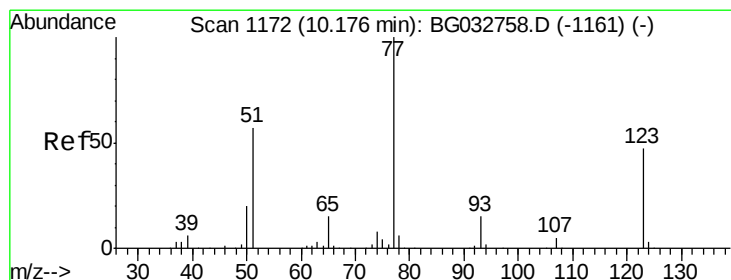
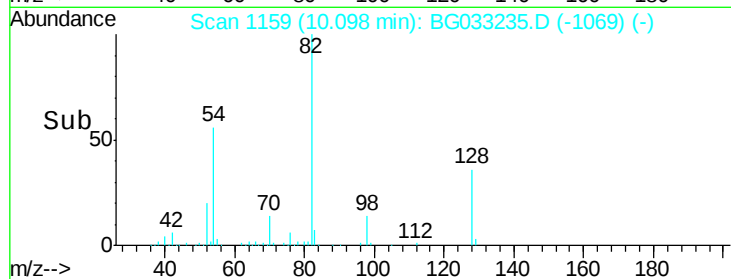
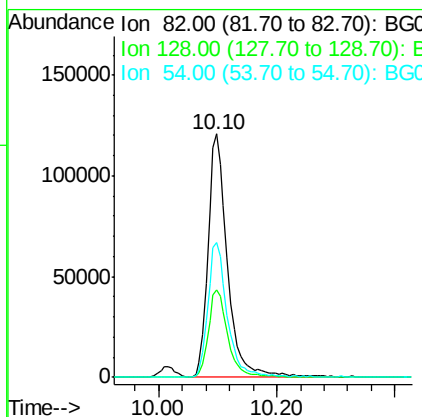
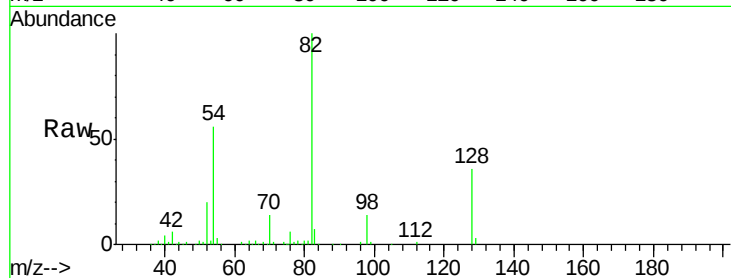




#23
Nitrobenzene-d5
Concen: 148.175 ng
RT: 10.10 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BG033235.D
Acq: 19 Mar 2018 11:10

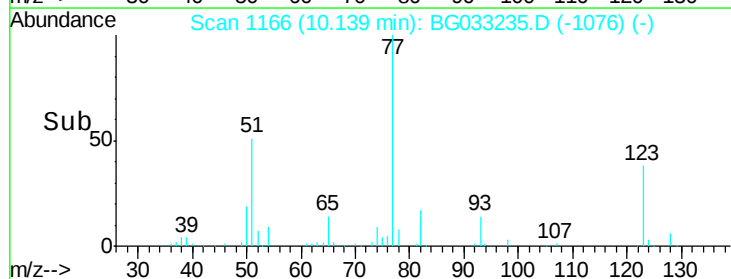
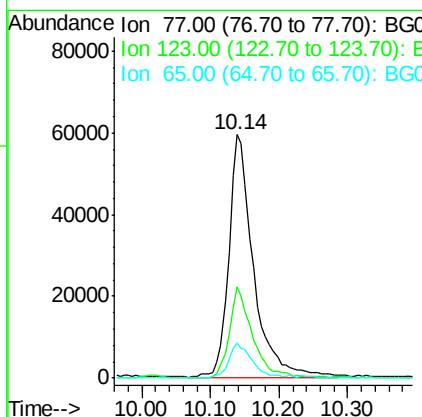
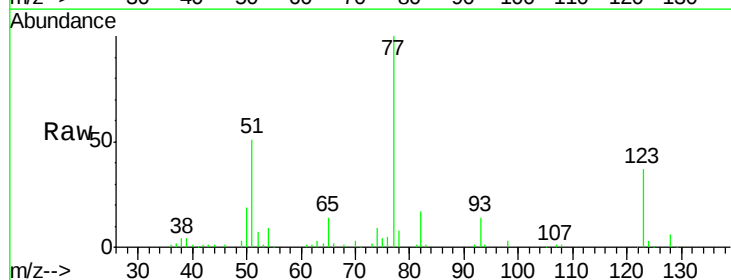
Instrument :
BNA_G
ClientSampleId :

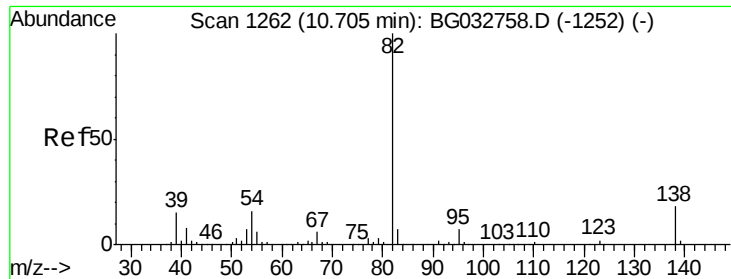
Tot Ion	82	Resp	274928
Ion Ratio	Lower	Upper	
82	100		
128	35.7	29.7	44.5
54	55.5	43.1	64.7



#24
Nitrobenzene
Concen: 66.807 ng
RT: 10.14 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BG033235.D
Acq: 19 Mar 2018 11:10

Tgt Ion	77	Resp	147913
Ion Ratio	Lower	Upper	
77	100		
123	37.5	33.0	49.6
65	14.1	13.0	19.6





#25

Isophorone

Concen: 49.782 ng

RT: 10.66 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BG033235.D

Acq: 19 Mar 2018 11:10

Instrument :

BNA_G

ClientSampleId :

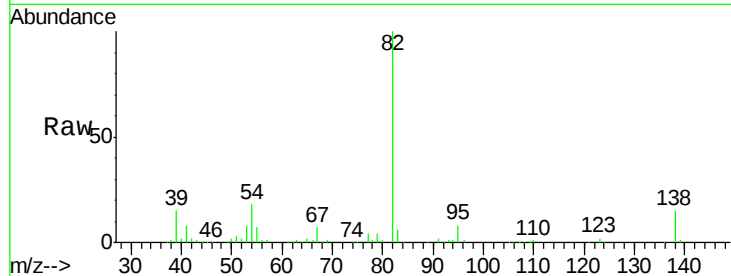
Tot Ion: 82 Resp: 267776

Ion Ratio Lower Upper

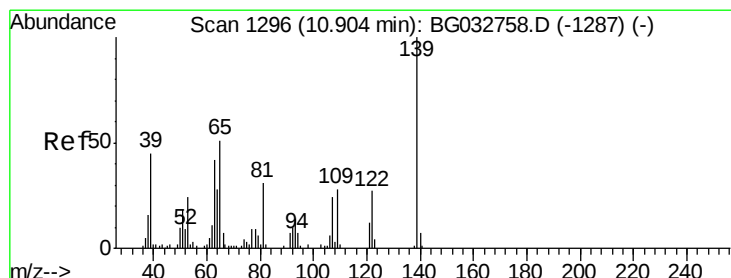
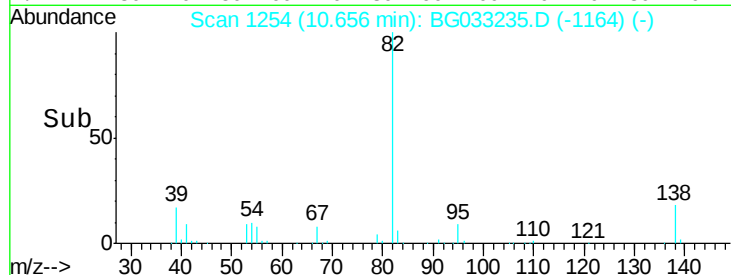
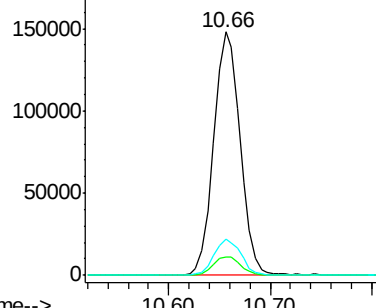
82 100

95 7.8 6.2 9.2

138 15.0 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: 73.973 ng

RT: 10.87 min Scan# 1290

Delta R.T. 0.00 min

Lab File: BG033235.D

Acq: 19 Mar 2018 11:10

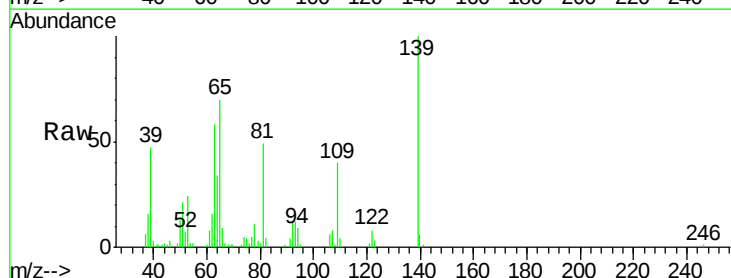
Tgt Ion: 139 Resp: 58642

Ion Ratio Lower Upper

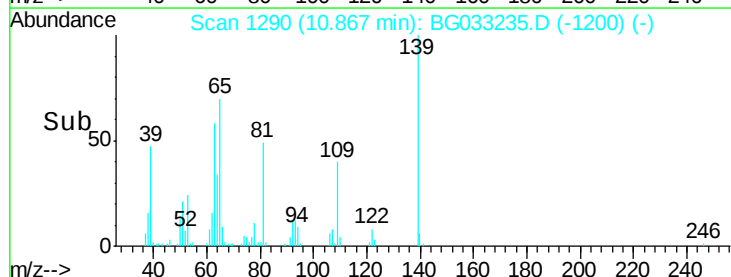
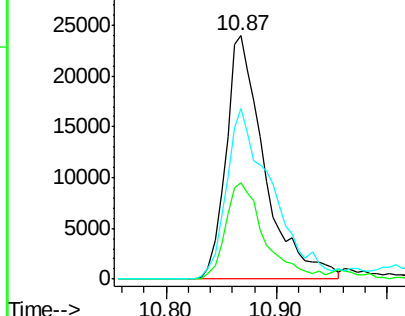
139 100

109 39.9 24.2 36.2#

65 70.2 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

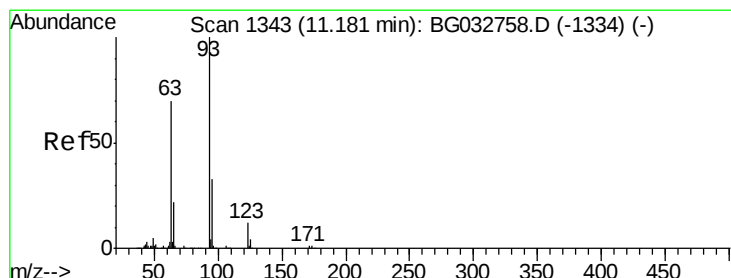
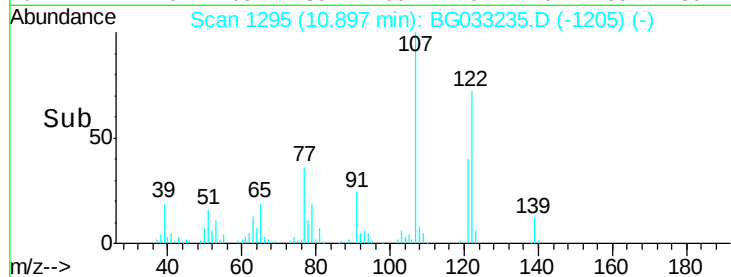
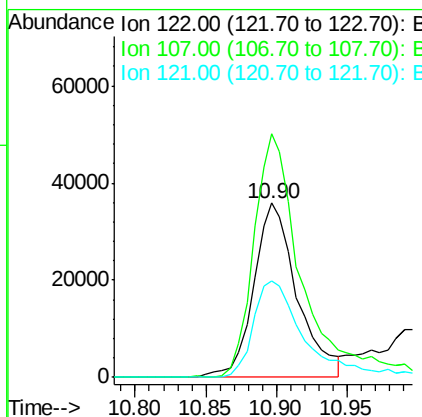
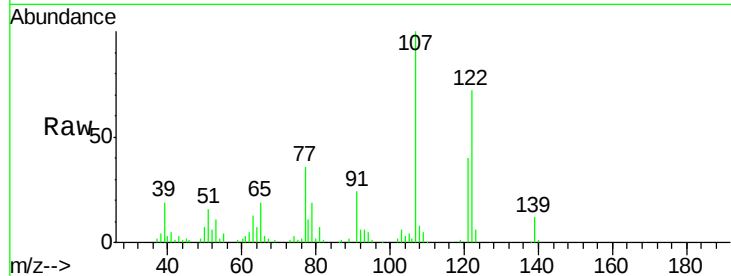




#27
 2,4-Dimethylphenol
 Concen: 33.079 ng
 RT: 10.90 min Scan# 1295
 Delta R.T. 0.00 min
 Lab File: BG033235.D
 Acq: 19 Mar 2018 11:10

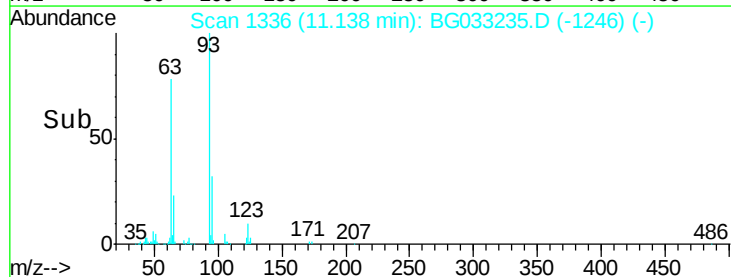
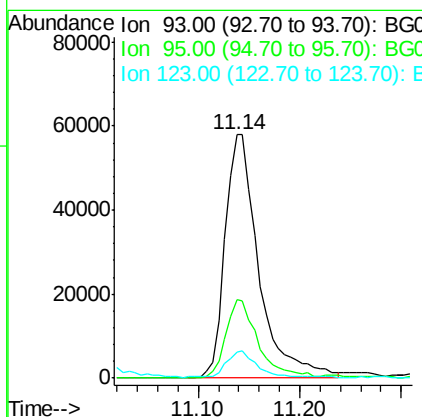
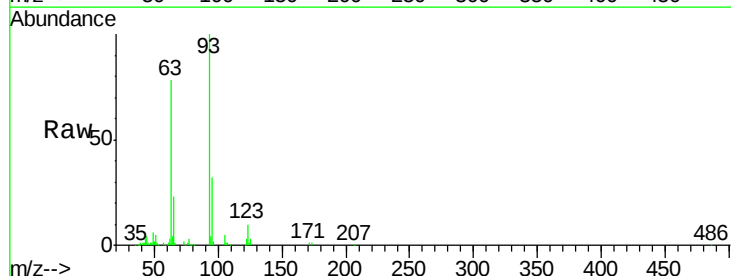
Instrument :
 BNA_G
 ClientSampleId :

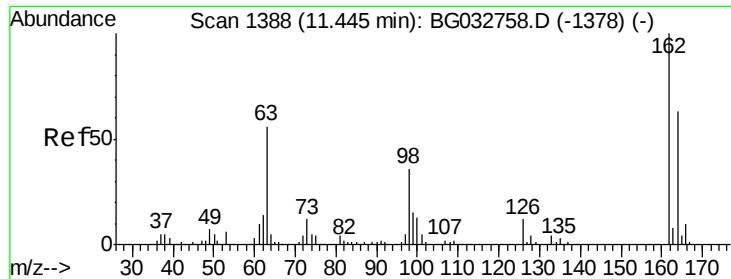
Tot Ion:122 Resp: 77297
 Ion Ratio Lower Upper
 122 100
 107 139.8 100.2 150.2
 121 55.3 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.850 ng
 RT: 11.14 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: BG033235.D
 Acq: 19 Mar 2018 11:10

Tgt Ion: 93 Resp: 134275
 Ion Ratio Lower Upper
 93 100
 95 32.2 24.3 36.5
 123 10.5 8.4 12.6

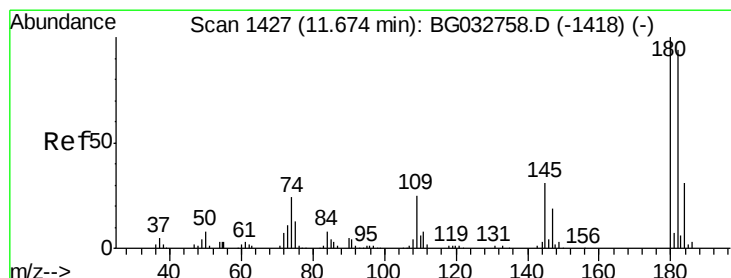
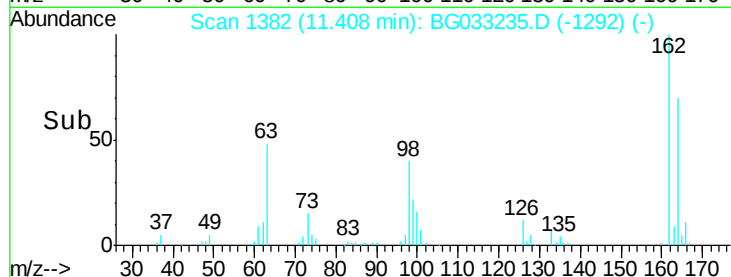
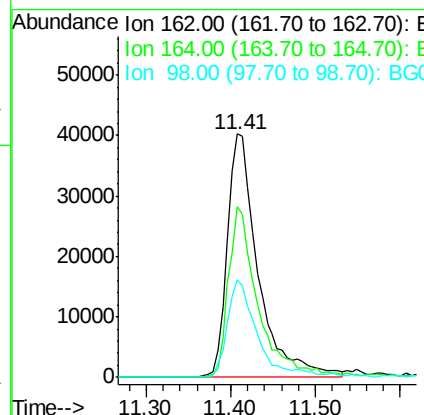
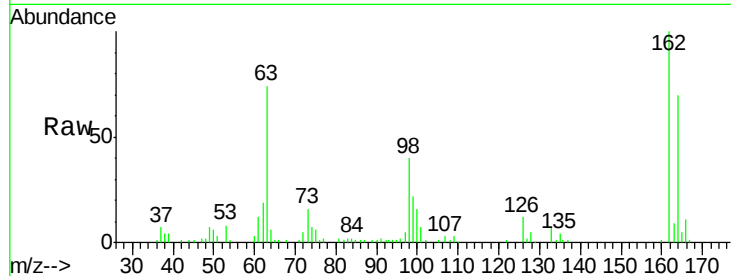




#29
 2,4-Dichlorophenol
 Concen: 47.850 ng
 RT: 11.41 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: BG033235.D
 Acq: 19 Mar 2018 11:10

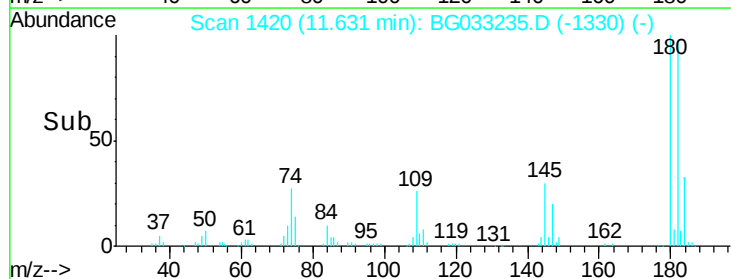
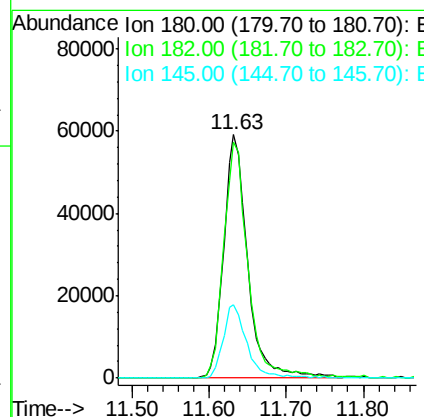
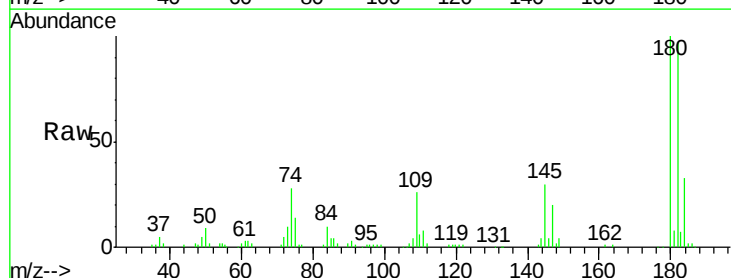
Instrument :
 BNA_G
 ClientSampleId :

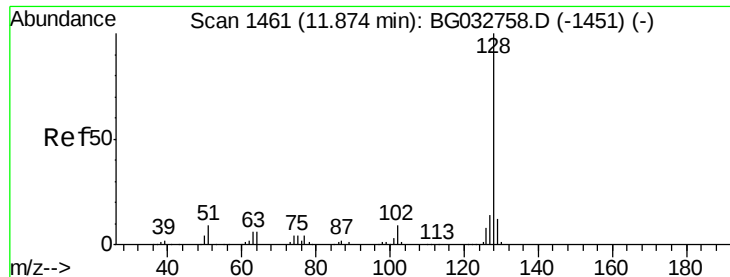
Tot Ion:162 Resp: 101479
 Ion Ratio Lower Upper
 162 100
 164 69.9 48.0 88.0
 98 40.3 21.1 61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 51.304 ng
 RT: 11.63 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: BG033235.D
 Acq: 19 Mar 2018 11:10

Tgt Ion:180 Resp: 127543
 Ion Ratio Lower Upper
 180 100
 182 96.8 77.5 116.3
 145 30.4 23.4 35.2

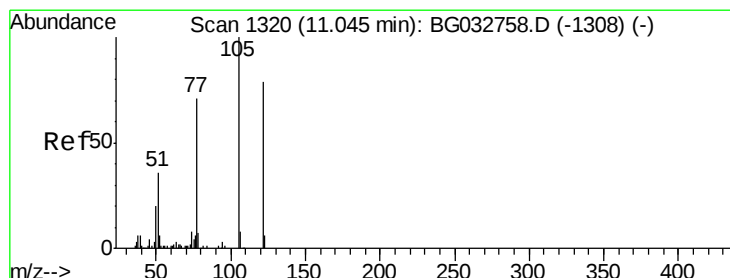
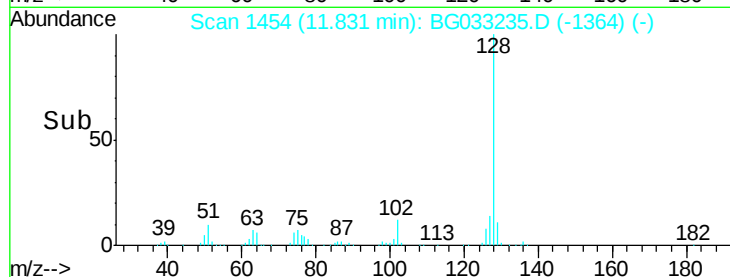
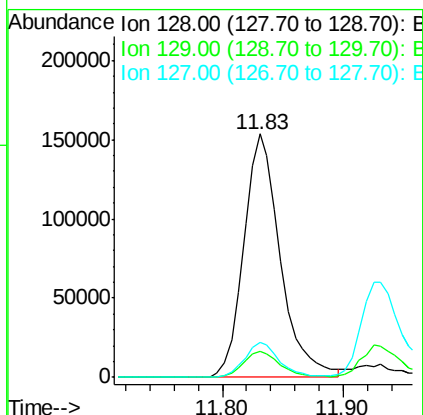
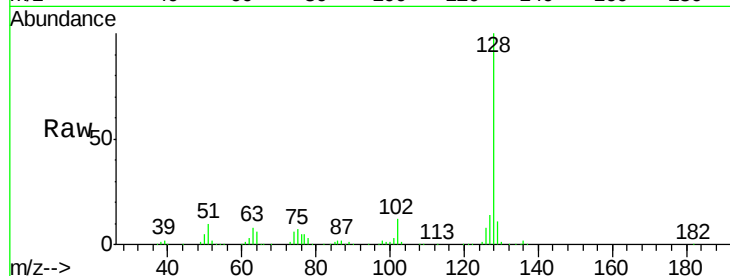




#31
Naphthalene
Concen: 40.374 ng
RT: 11.83 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BG033235.D
Acq: 19 Mar 2018 11:10

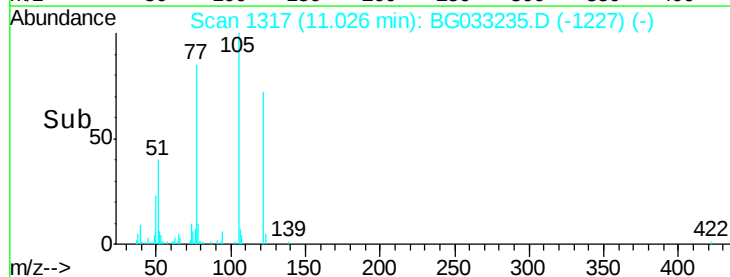
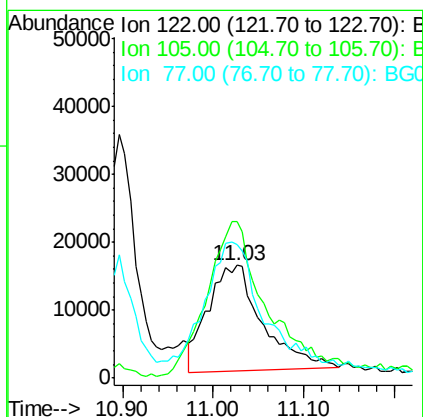
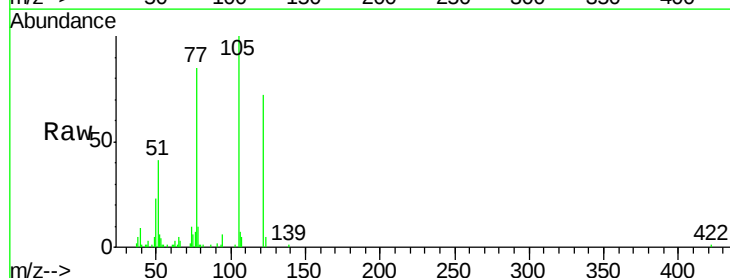
Instrument :
BNA_G
ClientSampleId :

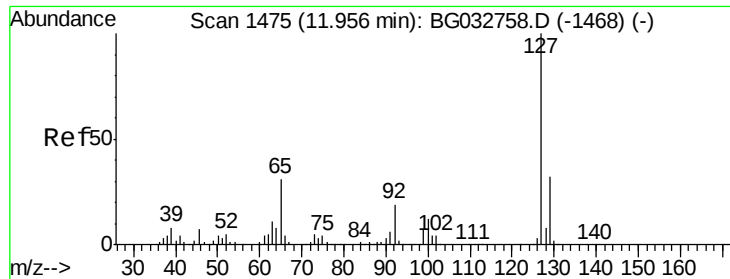
Tot Ion:128 Resp: 323314
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 14.5 11.6 17.4



#32
Benzoic acid
Concen: 48.992 ng
RT: 11.03 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG033235.D
Acq: 19 Mar 2018 11:10

Tgt Ion:122 Resp: 65261
Ion Ratio Lower Upper
122 100
105 139.1 123.5 163.5
77 118.6 85.7 125.7

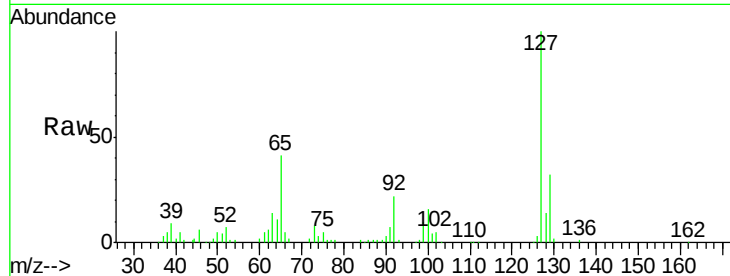




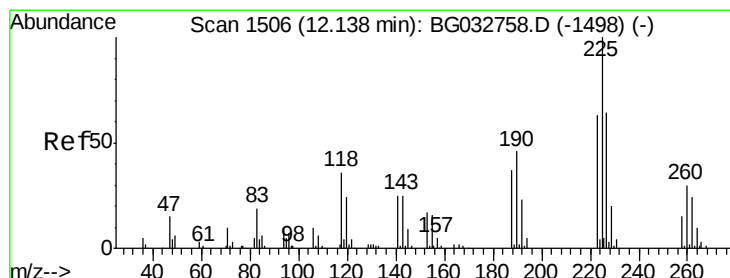
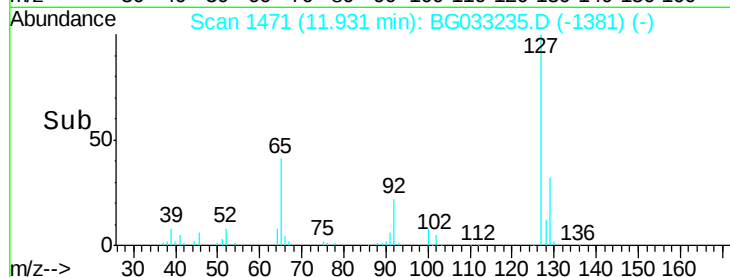
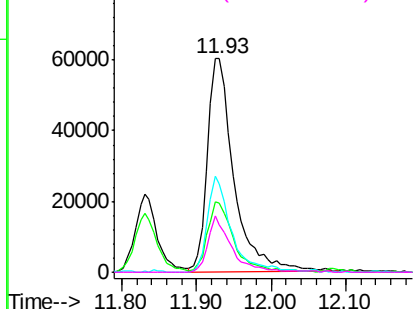
#33
4-Chloroaniline
Concen: 41.584 ng
RT: 11.93 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BG033235.D
Acq: 19 Mar 2018 11:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	148895
Ion	Ratio	Lower	Upper
127	100		
129	32.3	24.0	36.0
65	41.3	27.0	40.4#
92	22.2	16.6	25.0

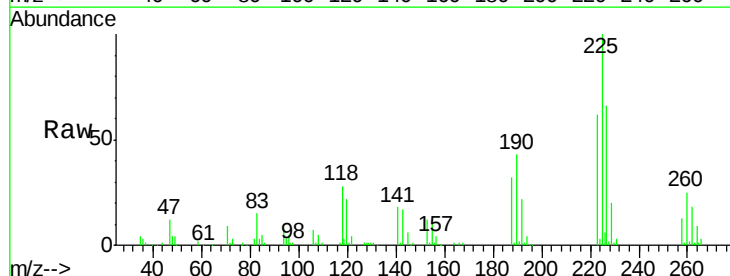


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

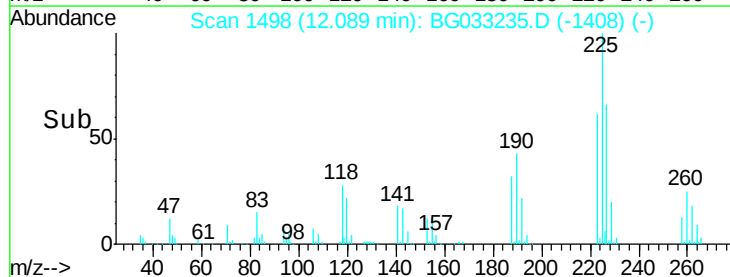
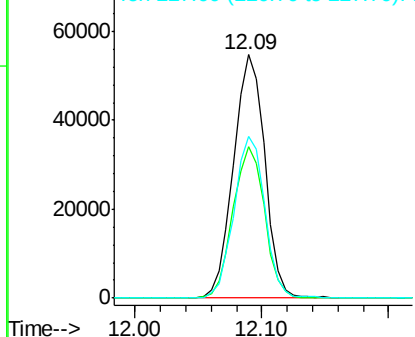


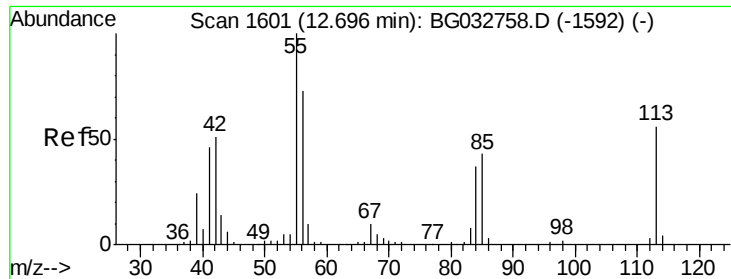
#34
Hexachlorobutadiene
Concen: 66.929 ng
RT: 12.09 min Scan# 1498
Delta R.T. 0.00 min
Lab File: BG033235.D
Acq: 19 Mar 2018 11:10

Tgt Ion:	225	Resp:	93329
Ion	Ratio	Lower	Upper
225	100		
223	65.6	49.7	74.5
227	68.6	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: 46.482 ng

RT: 12.67 min Scan# 1597

Delta R.T. 0.00 min

Lab File: BG033235.D

Acq: 19 Mar 2018 11:10

Instrument :

BNA_G

ClientSampleId :

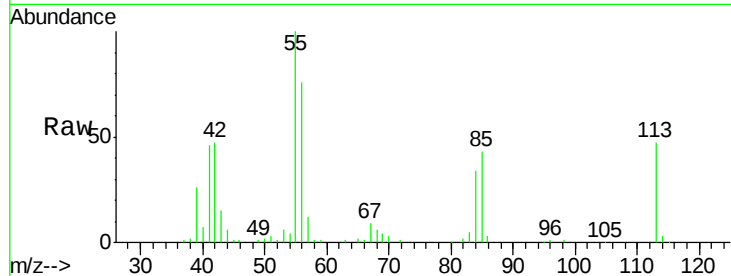
Tot Ion:113 Resp: 39472

Ion Ratio Lower Upper

113 100

55 211.1 186.9 226.9

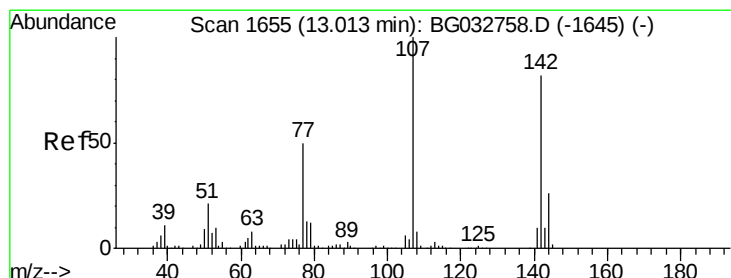
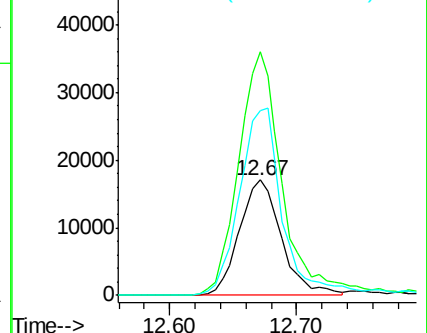
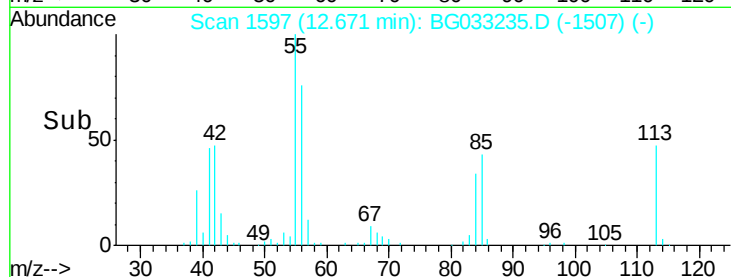
56 160.6 130.9 170.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 54.935 ng

RT: 12.99 min Scan# 1651

Delta R.T. 0.00 min

Lab File: BG033235.D

Acq: 19 Mar 2018 11:10

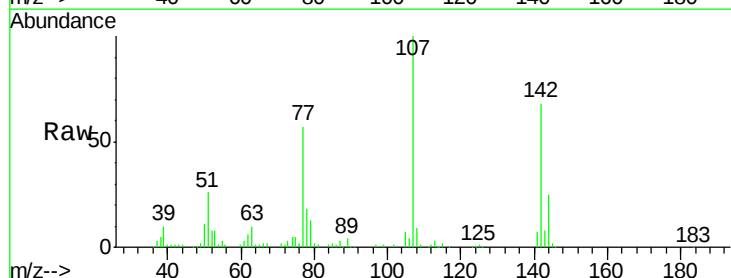
Tgt Ion:107 Resp: 135578

Ion Ratio Lower Upper

107 100

144 24.5 18.2 27.4

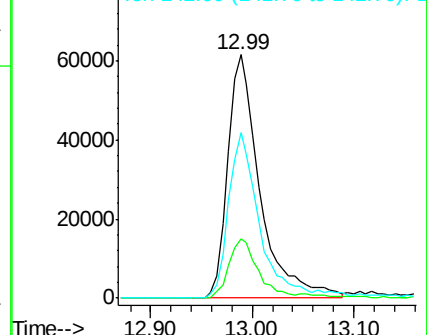
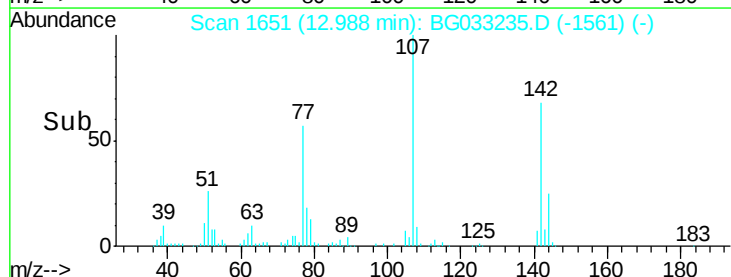
142 68.1 59.0 88.4

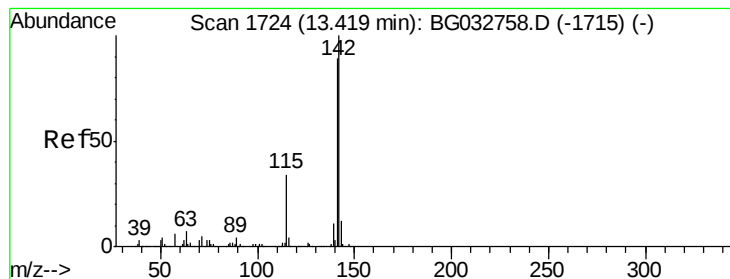


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.121 ng

RT: 13.38 min Scan# 1718

Delta R.T. 0.00 min

Lab File: BG033235.D

Acq: 19 Mar 2018 11:10

Instrument :

BNA_G

ClientSampleId :

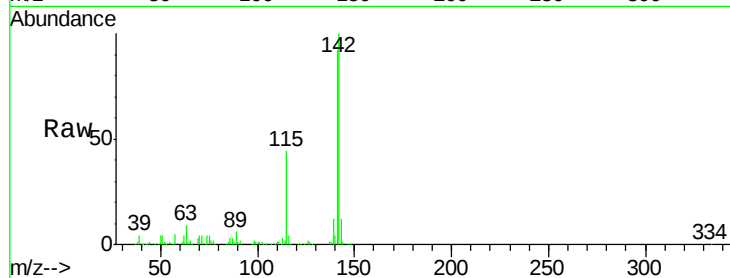
Tot Ion:142 Resp: 244033

Ion Ratio Lower Upper

142 100

141 91.5 67.1 100.7

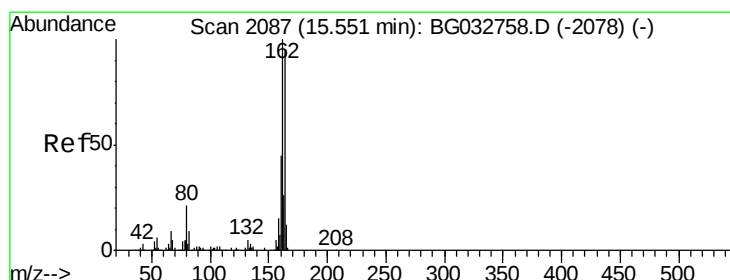
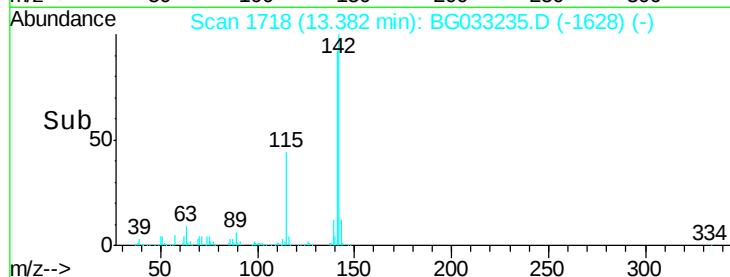
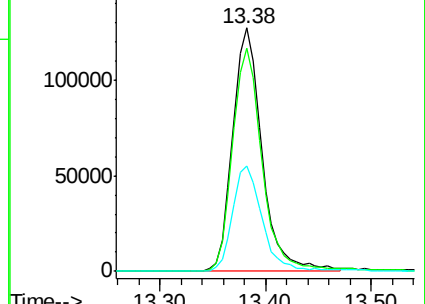
115 43.5 30.7 46.1



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: 15.51 min Scan# 2081

Delta R.T. 0.00 min

Lab File: BG033235.D

Acq: 19 Mar 2018 11:10

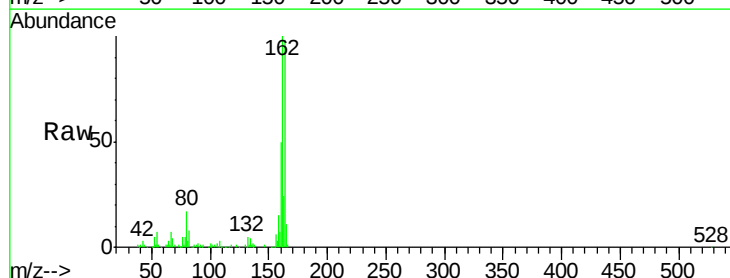
Tgt Ion:164 Resp: 118351

Ion Ratio Lower Upper

164 100

162 102.1 78.8 118.2

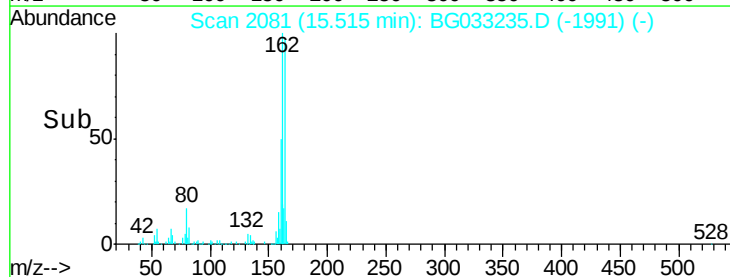
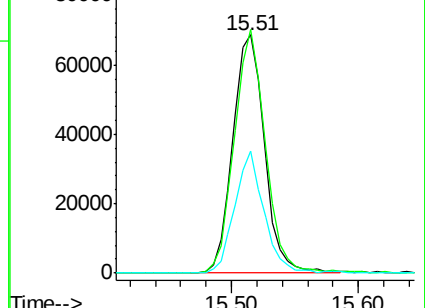
160 51.3 35.4 53.0

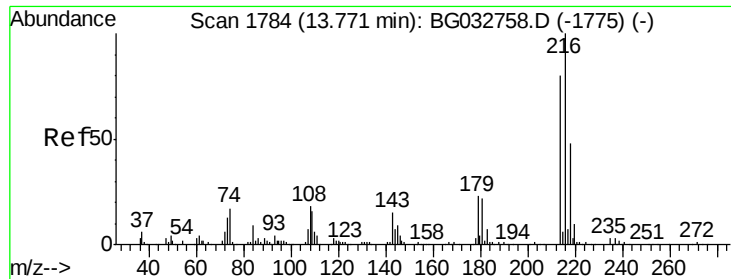


Abundance Ion 164.00 (163.70 to 164.70): E

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: 49.217 ng

RT: 13.73 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BG033235.D

Acq: 19 Mar 2018 11:10

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 172913

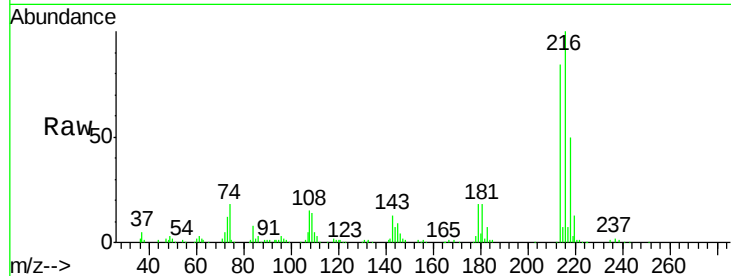
Ion Ratio Lower Upper

216 100

214 79.3 63.0 94.4

179 19.7 17.0 25.6

108 16.2 12.8 19.2

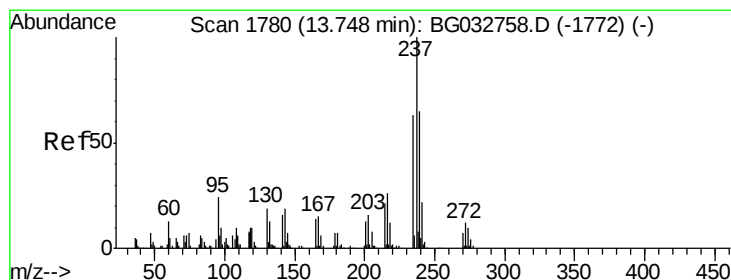
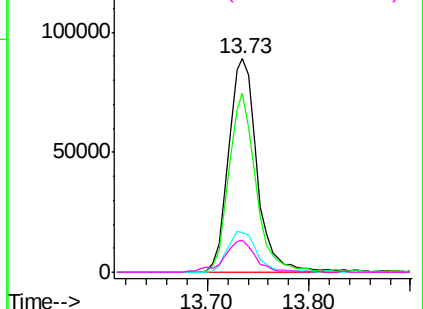
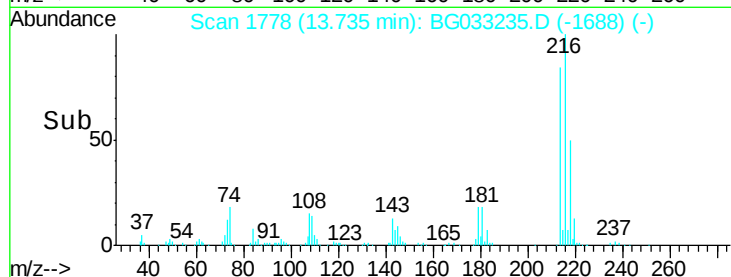


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 58.094 ng

RT: 13.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: BG033235.D

Acq: 19 Mar 2018 11:10

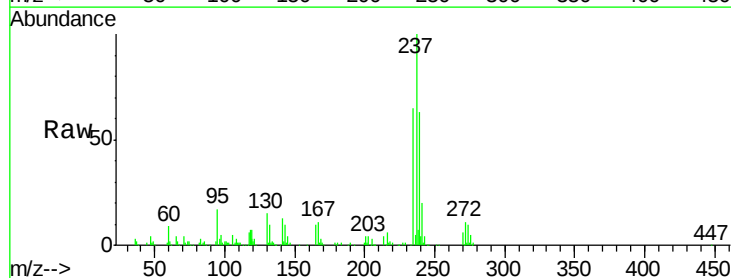
Tgt Ion:237 Resp: 104018

Ion Ratio Lower Upper

237 100

235 65.3 50.4 90.4

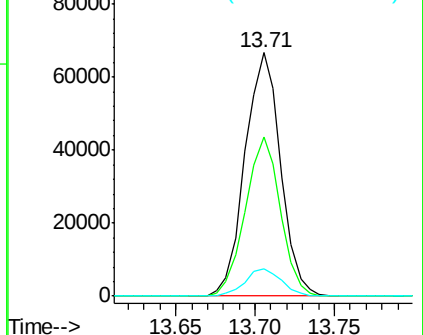
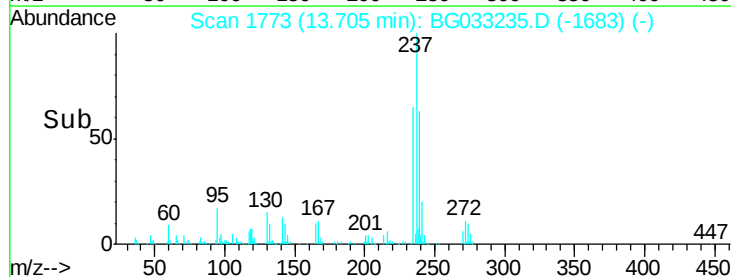
272 11.1 0.0 31.8

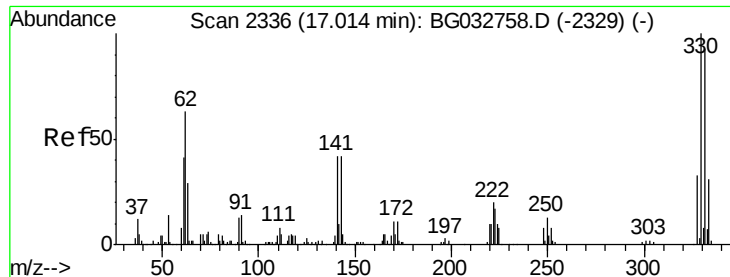


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

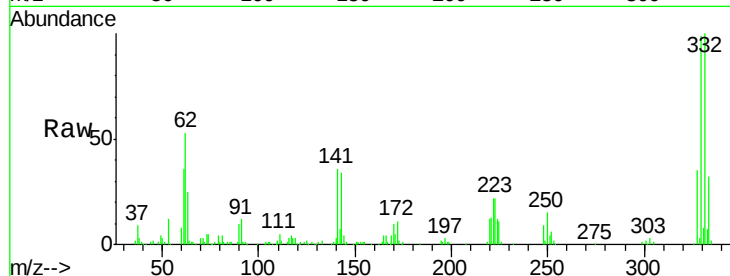




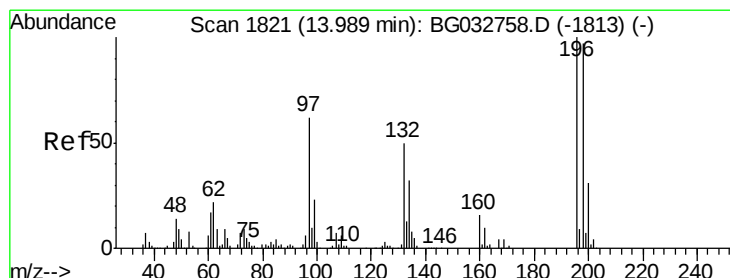
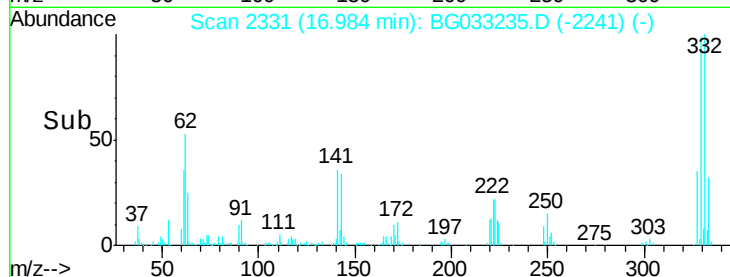
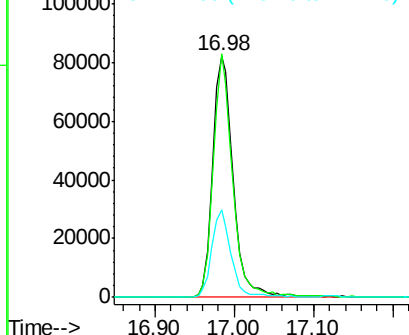
#41
 2,4,6-Tribromophenol
 Concen: 117.959 ng
 RT: 16.98 min Scan# 2331
 Delta R.T. 0.00 min
 Lab File: BG033235.D
 Acq: 19 Mar 2018 11:10

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 146790
 Ion Ratio Lower Upper
 330 100
 332 94.5 77.0 115.6
 141 34.6 25.2 37.8

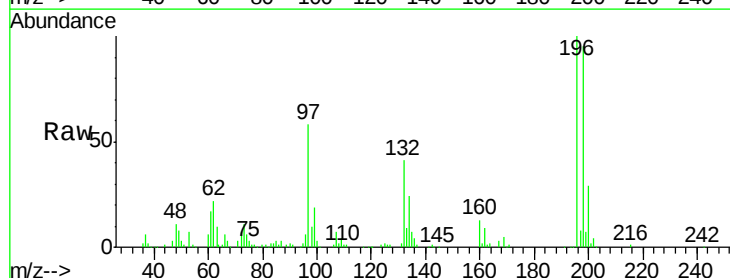


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

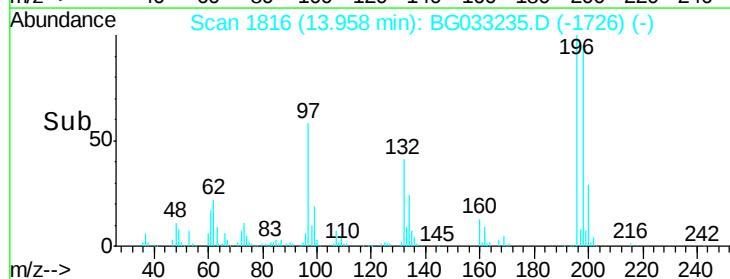
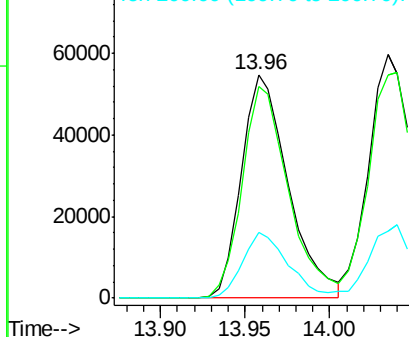


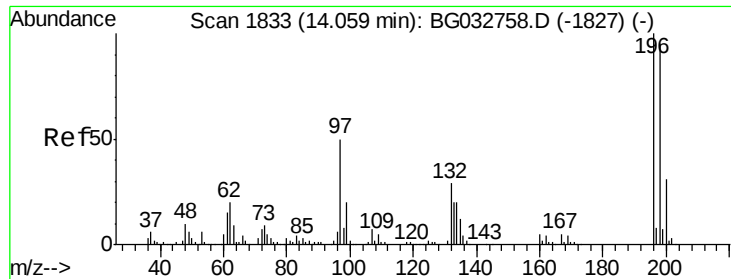
#42
 2,4,6-Trichlorophenol
 Concen: 47.668 ng
 RT: 13.96 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: BG033235.D
 Acq: 19 Mar 2018 11:10

Tgt Ion:196 Resp: 105614
 Ion Ratio Lower Upper
 196 100
 198 94.8 78.2 117.2
 200 29.3 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

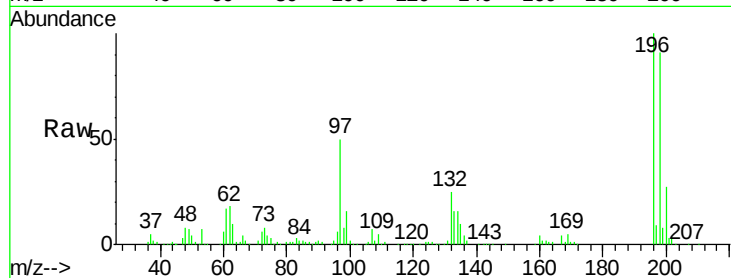




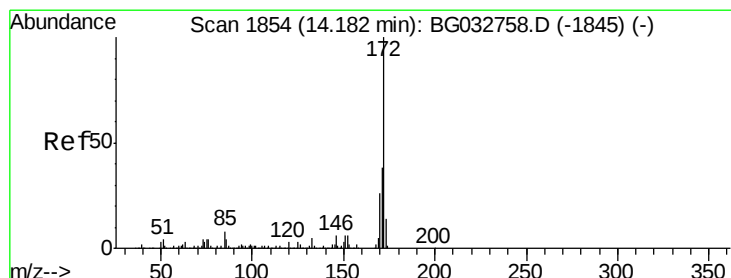
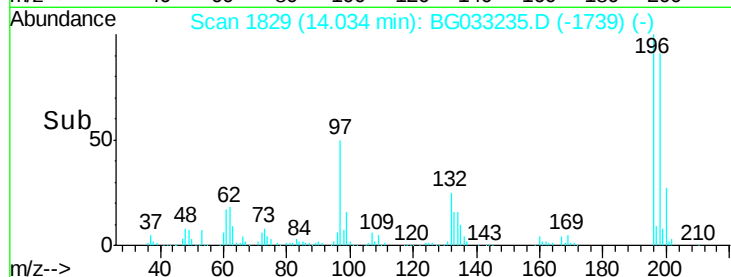
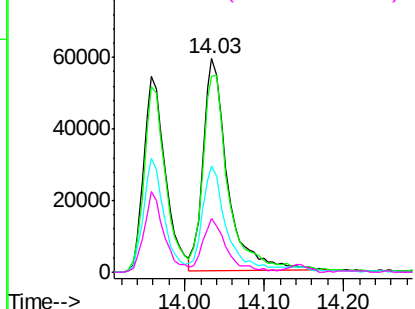
#43
2,4,5-Trichlorophenol
Concen: 50.308 ng
RT: 14.03 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BG033235.D
Acq: 19 Mar 2018 11:10

Instrument :
BNA_G
ClientSampled :

Tot Ion:196 Resp: 129004
Ion Ratio Lower Upper
196 100
198 91.4 76.2 114.4
97 50.0 38.7 58.1
132 25.5 20.2 30.2

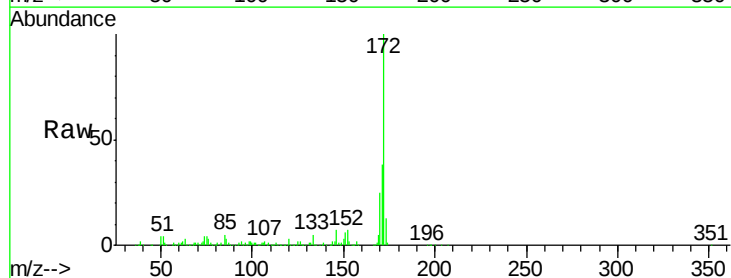


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

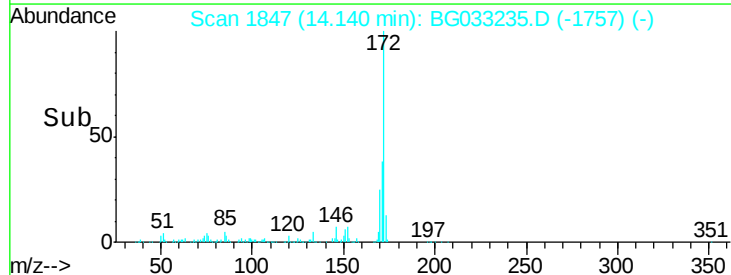
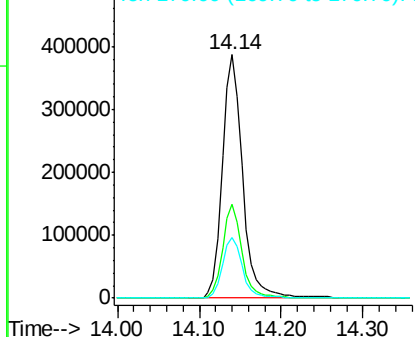


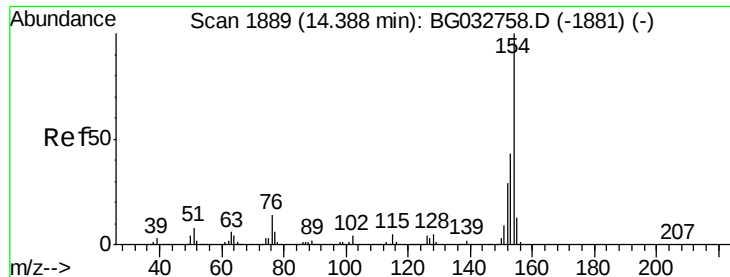
#44
2-Fluorobiphenyl
Concen: 81.351 ng
RT: 14.14 min Scan# 1847
Delta R.T. 0.00 min
Lab File: BG033235.D
Acq: 19 Mar 2018 11:10

Tgt Ion:172 Resp: 667565
Ion Ratio Lower Upper
172 100
171 38.5 30.0 45.0
170 24.8 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

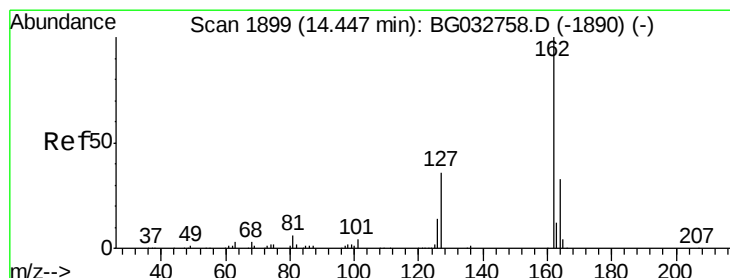
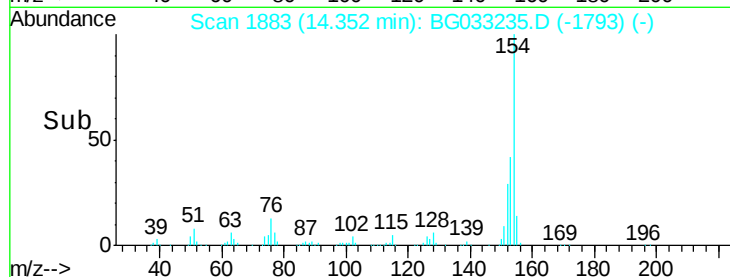
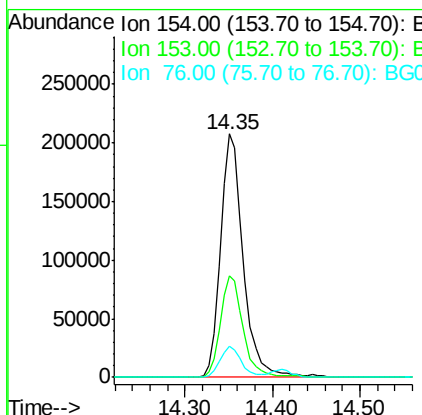
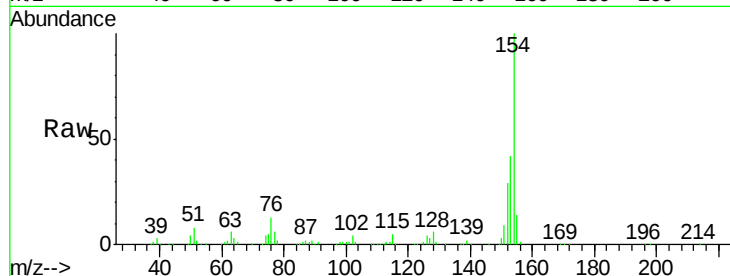




#45
 1,1'-Biphenyl
 Concen: 35.860 ng
 RT: 14.35 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: BG033235.D
 Acq: 19 Mar 2018 11:10

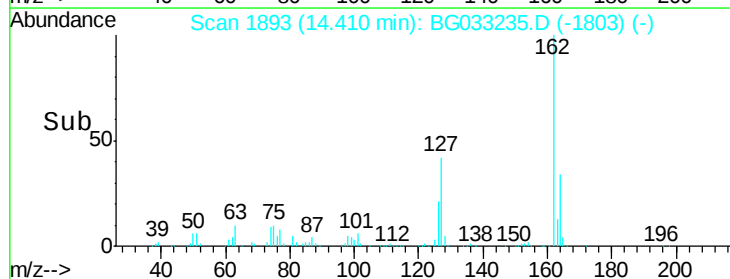
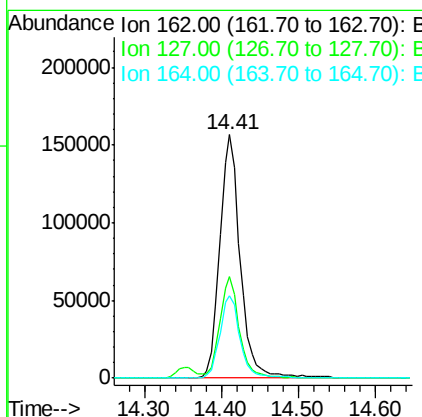
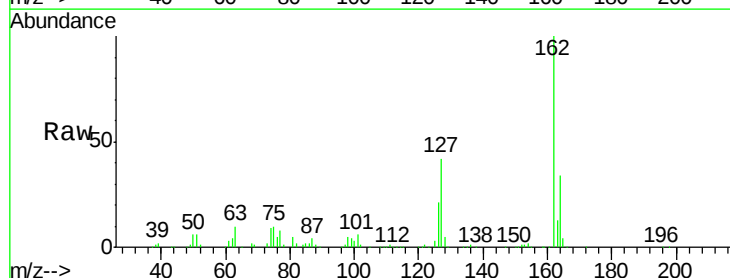
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	154	153	76
Resp:	370863		
Ion Ratio	100	41.9	12.9
Lower		19.8	0.0
Upper		59.8	31.9



#46
 2-Chloronaphthalene
 Concen: 37.214 ng
 RT: 14.41 min Scan# 1893
 Delta R.T. 0.00 min
 Lab File: BG033235.D
 Acq: 19 Mar 2018 11:10

Tgt Ion	162	127	164
Resp:	287497		
Ion Ratio	100	41.7	34.1
Lower		30.7	26.0
Upper		46.1	39.0

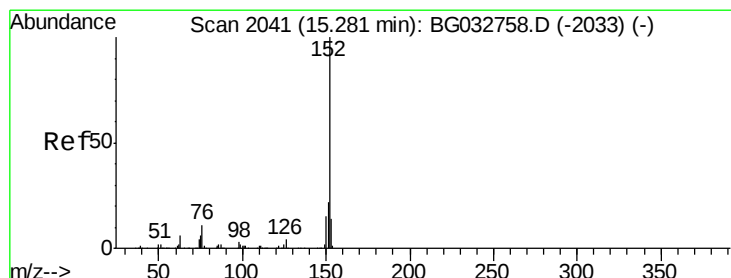
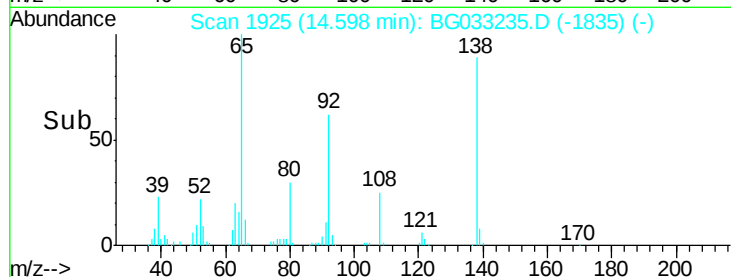
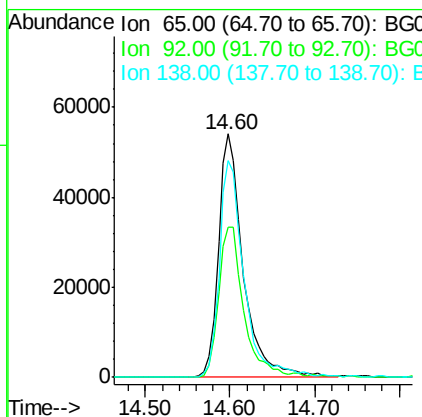
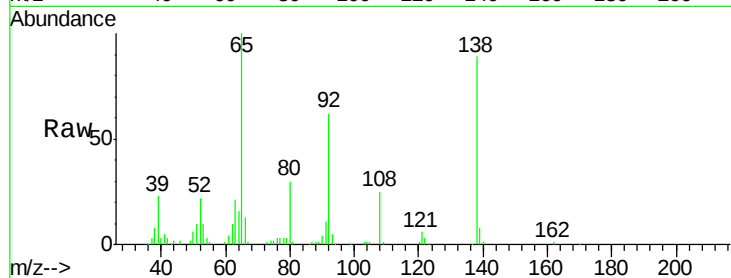




#47
2-Nitroaniline
Concen: 66.268 ng
RT: 14.60 min Scan# 1925
Delta R.T. 0.00 min
Lab File: BG033235.D
Acq: 19 Mar 2018 11:10

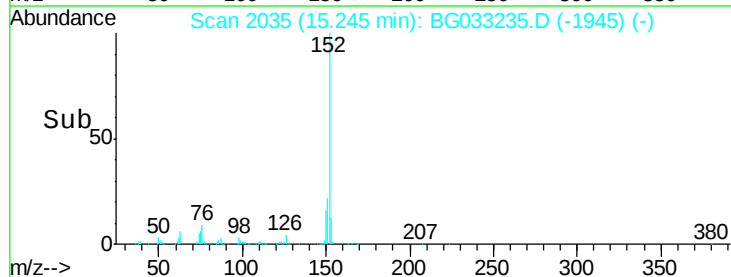
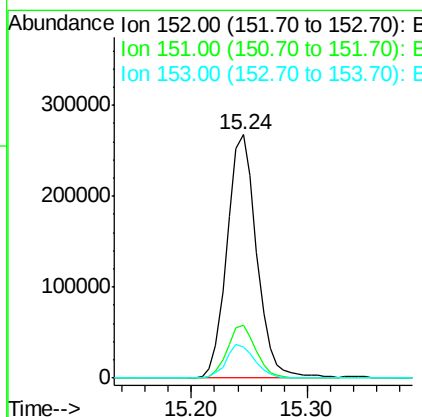
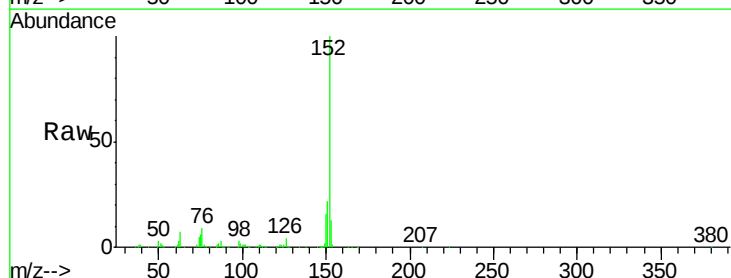
Instrument :
BNA_G
ClientSampleId :

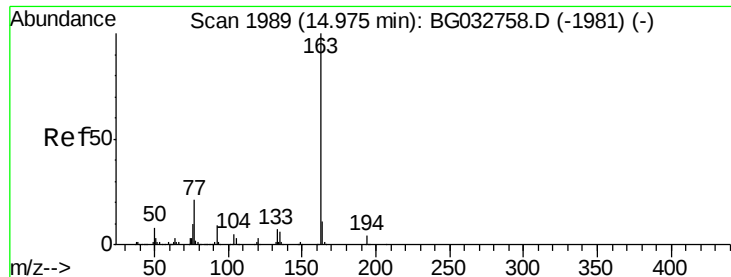
Tot Ion: 65 Resp: 110647
Ion Ratio Lower Upper
65 100
92 61.6 54.6 82.0
138 88.9 72.9 109.3



#48
Acenaphthylene
Concen: 37.593 ng
RT: 15.24 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BG033235.D
Acq: 19 Mar 2018 11:10

Tgt Ion: 152 Resp: 475482
Ion Ratio Lower Upper
152 100
151 21.6 17.2 25.8
153 12.6 10.2 15.4





#49

Dimethylphthalate

Concen: 41.620 ng

RT: 14.94 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BG033235.D

Acq: 19 Mar 2018 11:10

Instrument :

BNA_G

ClientSampleId :

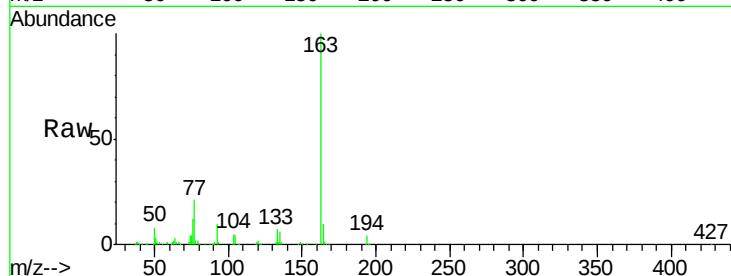
Tot Ion:163 Resp: 418247

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

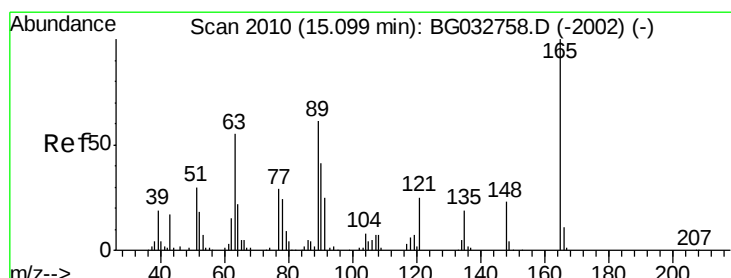
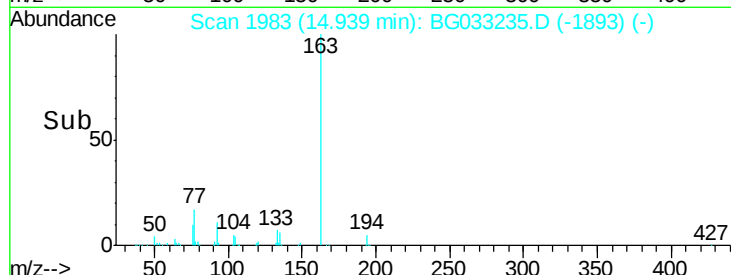
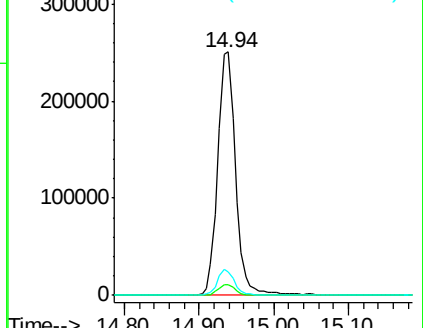
164 9.7 8.2 12.4



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: 61.958 ng

RT: 15.07 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BG033235.D

Acq: 19 Mar 2018 11:10

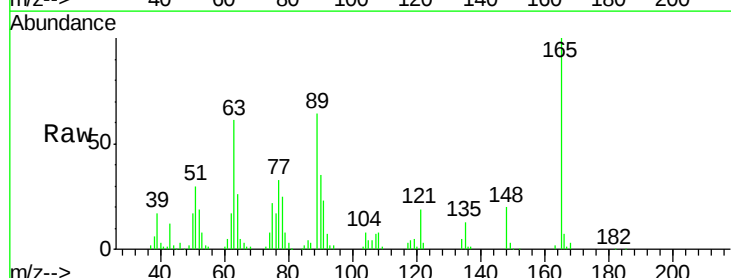
Tgt Ion:165 Resp: 89575

Ion Ratio Lower Upper

165 100

63 60.9 52.7 79.1

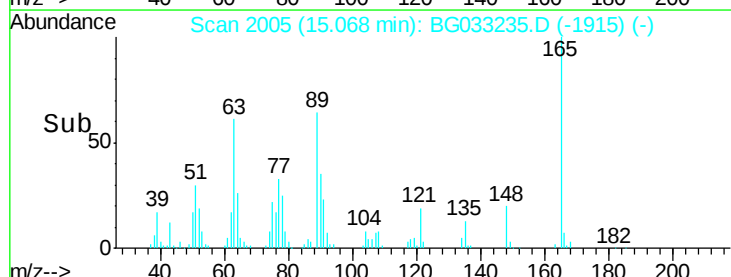
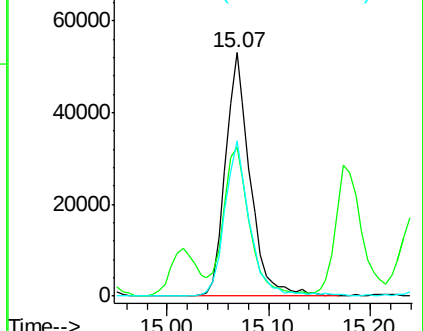
89 64.0 49.2 73.8

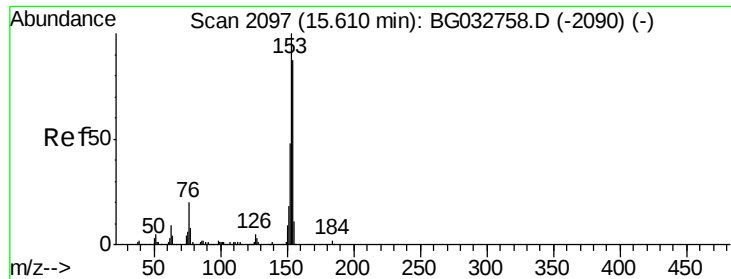


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 39.563 ng

RT: 15.57 min Scan# 2091

Delta R.T. 0.00 min

Lab File: BG033235.D

Acq: 19 Mar 2018 11:10

Instrument :

BNA_G

ClientSampleId :

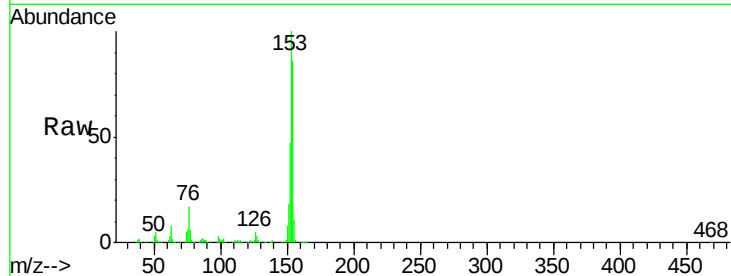
Tot Ion:154 Resp: 311641

Ion Ratio Lower Upper

154 100

153 117.0 90.4 135.6

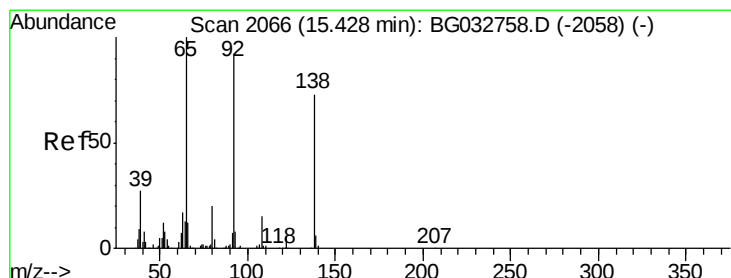
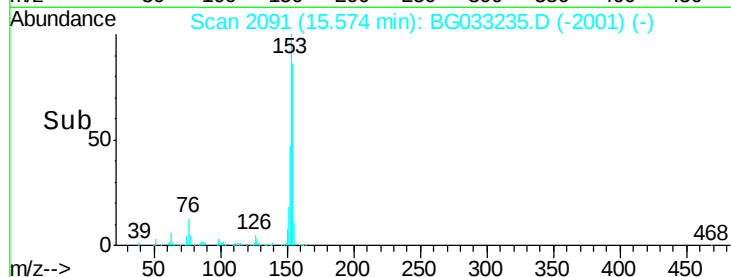
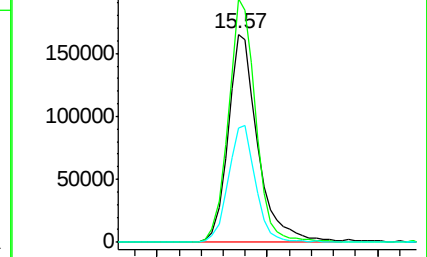
152 54.9 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 50.017 ng

RT: 15.41 min Scan# 2063

Delta R.T. 0.00 min

Lab File: BG033235.D

Acq: 19 Mar 2018 11:10

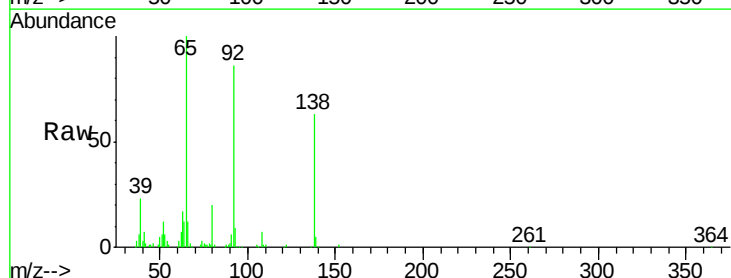
Tgt Ion:138 Resp: 91285

Ion Ratio Lower Upper

138 100

108 11.5 17.5 26.3#

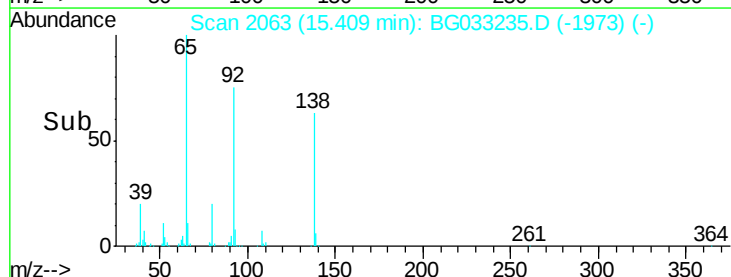
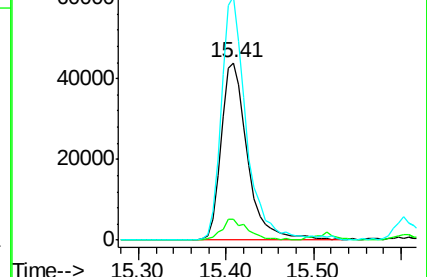
92 137.0 105.8 158.8

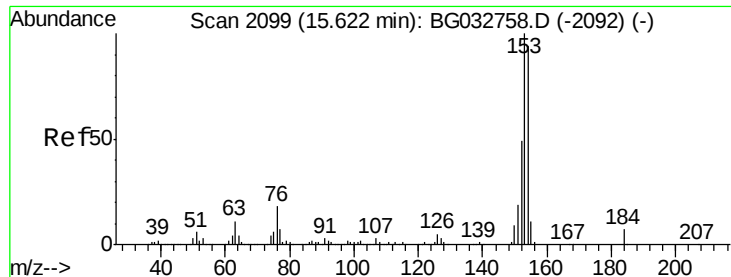


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

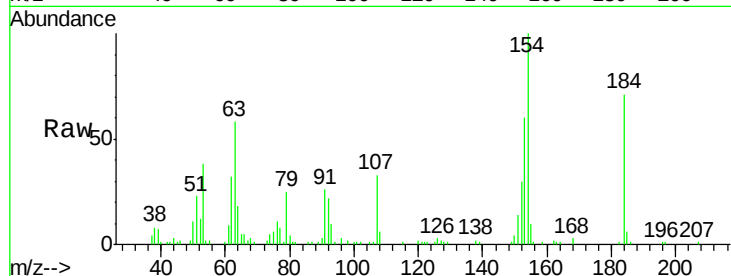




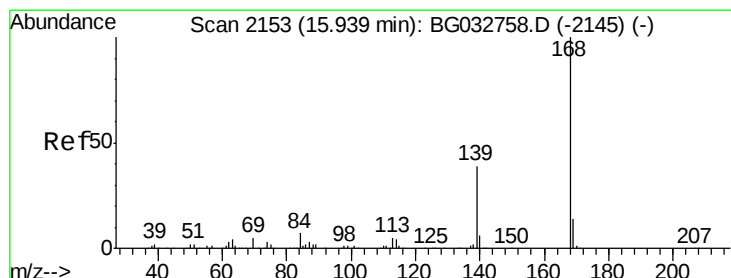
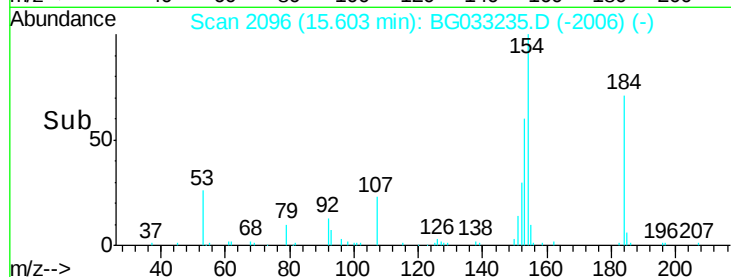
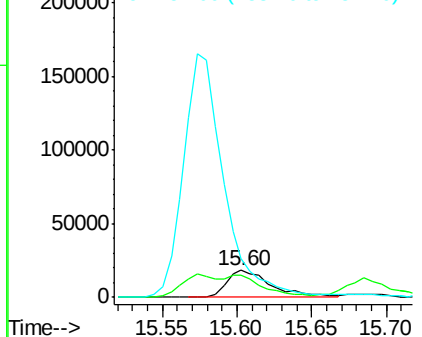
#53
 2,4-Dinitrophenol
 Concen: 93.588 ng
 RT: 15.60 min Scan# 2096
 Delta R.T. 0.00 min
 Lab File: BG033235.D
 Acq: 19 Mar 2018 11:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 38797
 Ion Ratio Lower Upper
 184 100
 63 81.8 59.8 89.8
 154 141.7 101.8 152.8

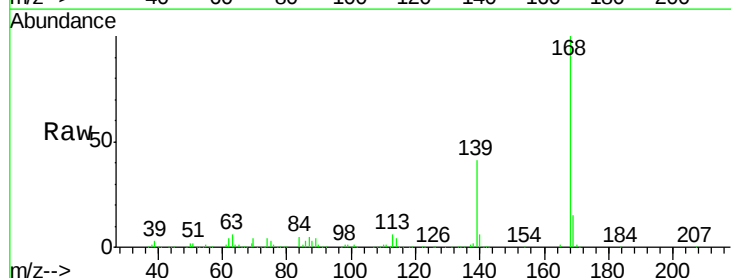


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

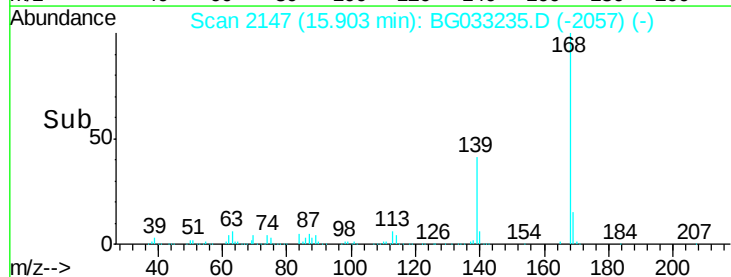
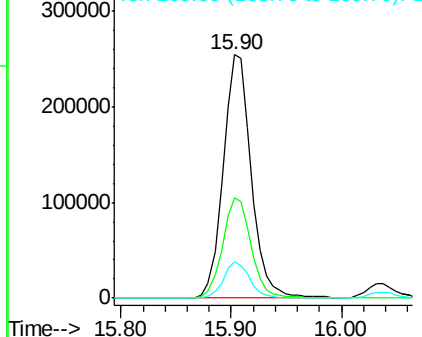


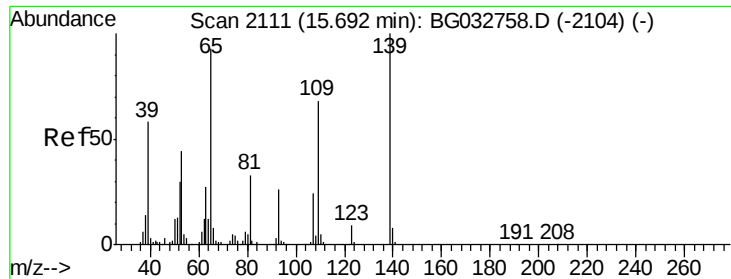
#54
 Dibenzofuran
 Concen: 40.254 ng
 RT: 15.90 min Scan# 2147
 Delta R.T. 0.00 min
 Lab File: BG033235.D
 Acq: 19 Mar 2018 11:10

Tgt Ion:168 Resp: 451496
 Ion Ratio Lower Upper
 168 100
 139 41.1 28.6 43.0
 169 14.7 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

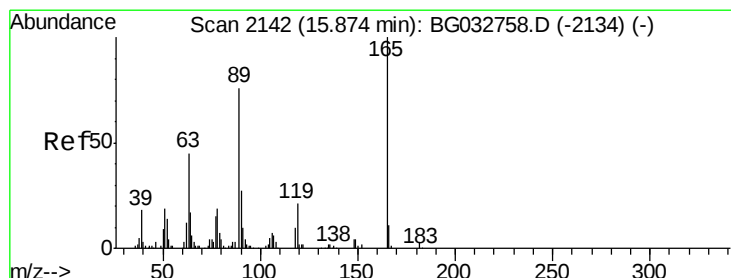
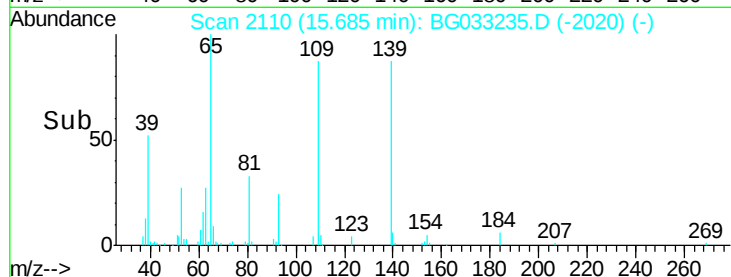
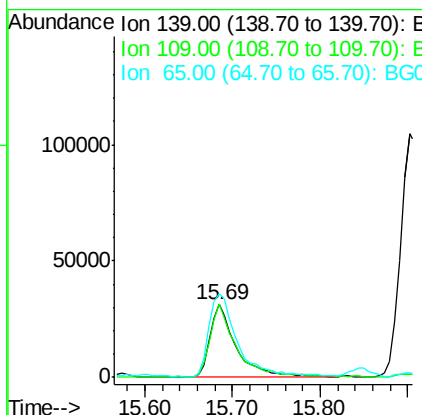
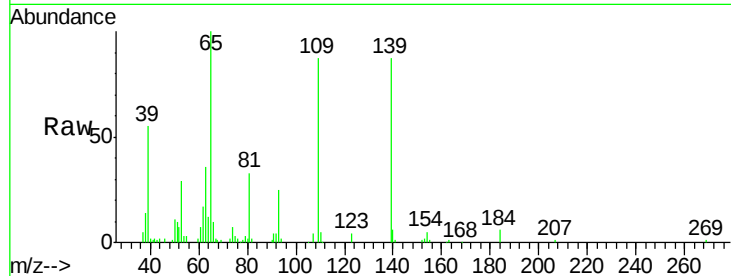




#55
4-Nitrophenol
Concen: 47.148 ng
RT: 15.69 min Scan# 2110
Delta R.T. 0.00 min
Lab File: BG033235.D
Acq: 19 Mar 2018 11:10

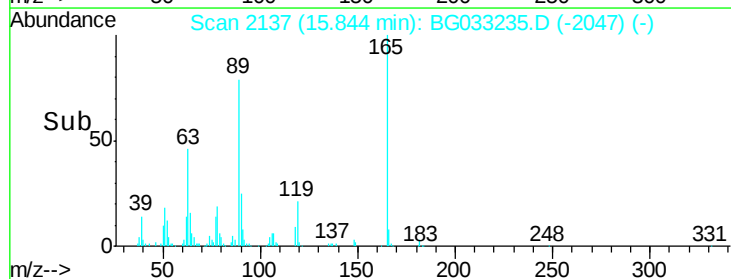
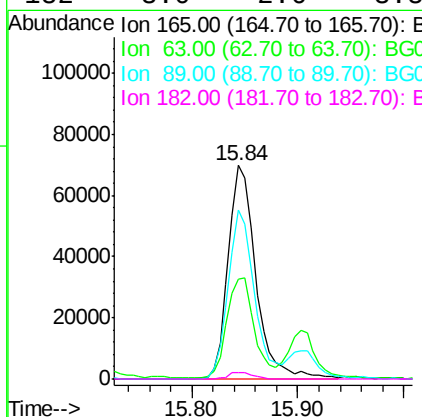
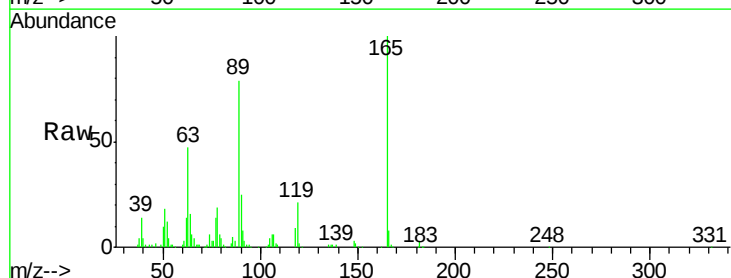
Instrument :
BNA_G
ClientSampled :

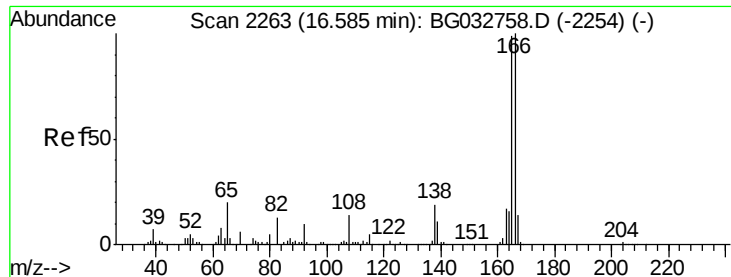
Tot Ion:139 Resp: 65111
Ion Ratio Lower Upper
139 100
109 100.0 62.2 102.2
65 115.5 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 73.298 ng
RT: 15.84 min Scan# 2137
Delta R.T. 0.00 min
Lab File: BG033235.D
Acq: 19 Mar 2018 11:10

Tgt Ion:165 Resp: 127202
Ion Ratio Lower Upper
165 100
63 46.9 42.0 63.0
89 79.4 66.9 100.3
182 3.0 2.6 3.8





#57

Fluorene

Concen: 40.928 ng

RT: 16.55 min Scan# 2257

Delta R.T. 0.00 min

Lab File: BG033235.D

Acq: 19 Mar 2018 11:10

Instrument :

BNA_G

ClientSampled :

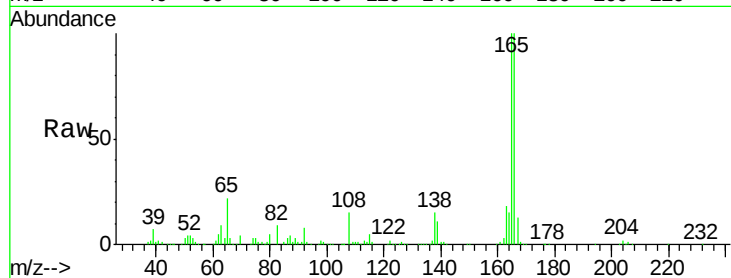
Tot Ion:166 Resp: 378886

Ion Ratio Lower Upper

166 100

165 100.3 80.6 121.0

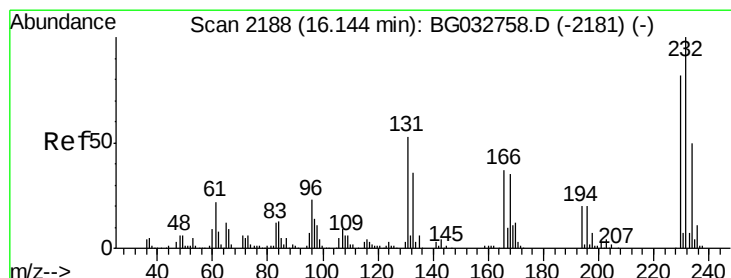
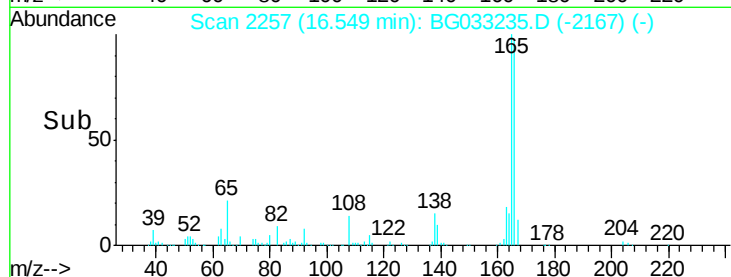
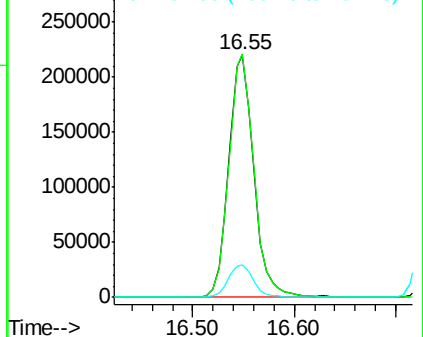
167 13.2 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 58.703 ng

RT: 16.12 min Scan# 2184

Delta R.T. 0.00 min

Lab File: BG033235.D

Acq: 19 Mar 2018 11:10

Tgt Ion:232 Resp: 116872

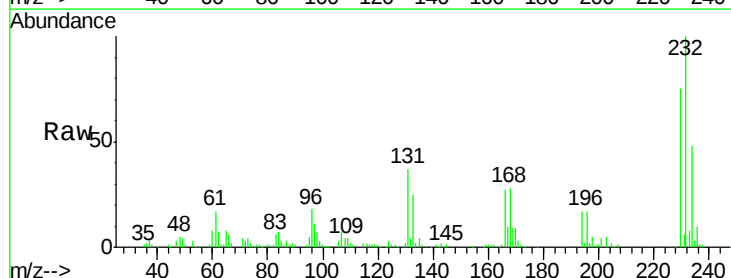
Ion Ratio Lower Upper

232 100

131 38.5 33.5 50.3

130 2.4 2.2 3.2

166 28.1 24.8 37.2

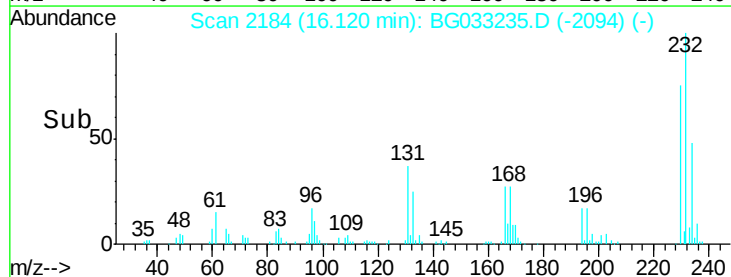
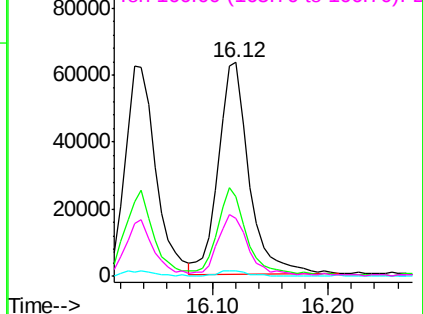


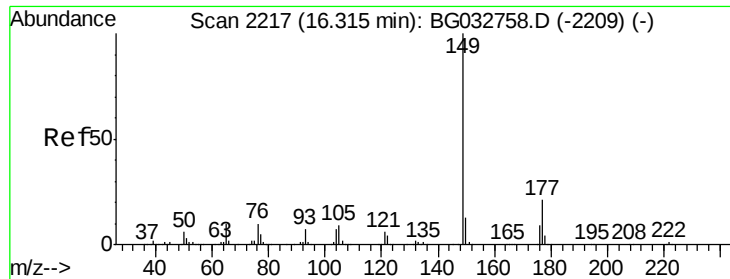
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

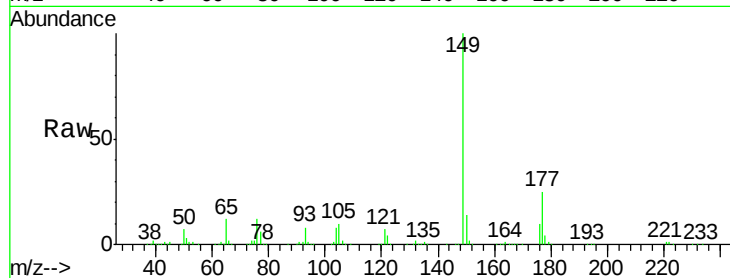




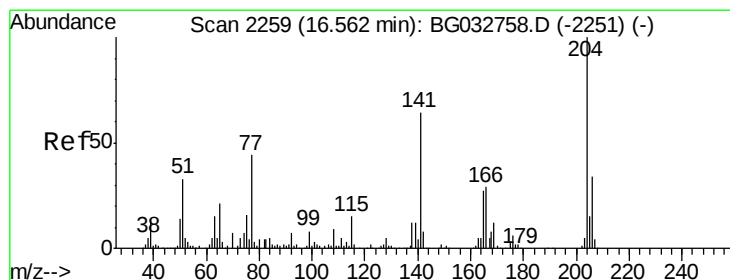
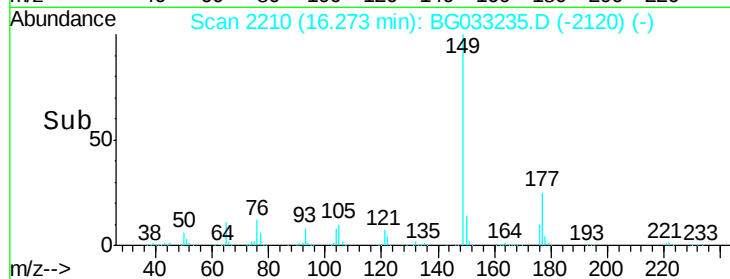
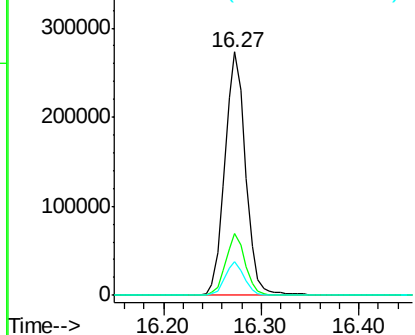
#59
Diethylphthalate
Concen: 38.079 ng
RT: 16.27 min Scan# 2210
Delta R.T. 0.00 min
Lab File: BG033235.D
Acq: 19 Mar 2018 11:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 403605
Ion Ratio Lower Upper
149 100
177 25.5 18.5 27.7
150 13.9 10.2 15.2

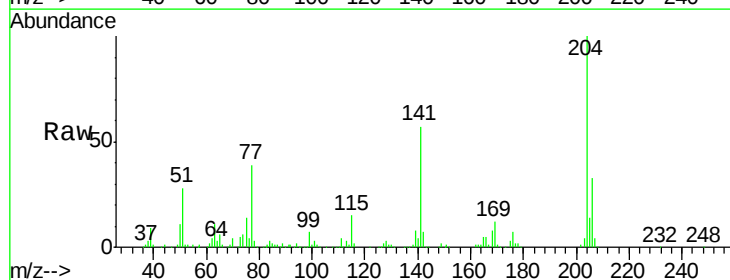


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

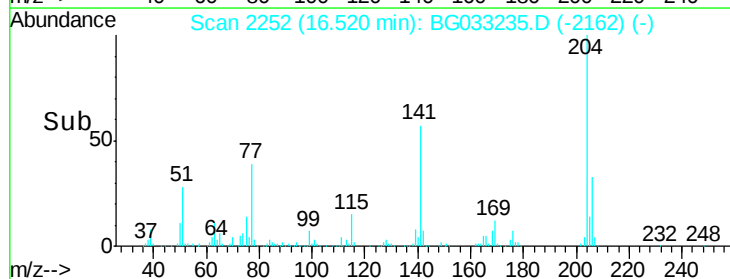
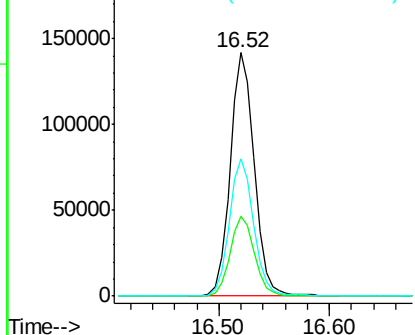


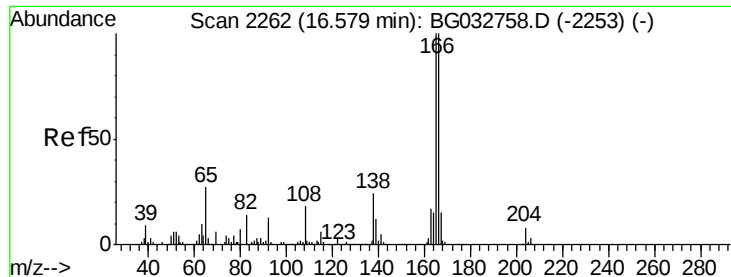
#60
4-Chlorophenyl-phenylether
Concen: 47.781 ng
RT: 16.52 min Scan# 2252
Delta R.T. 0.00 min
Lab File: BG033235.D
Acq: 19 Mar 2018 11:10

Tgt Ion:204 Resp: 216382
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.2
141 56.7 45.8 68.6



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

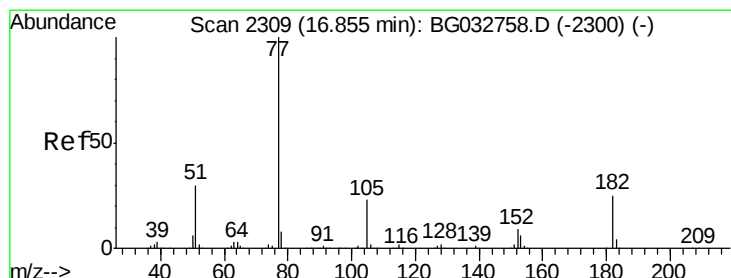
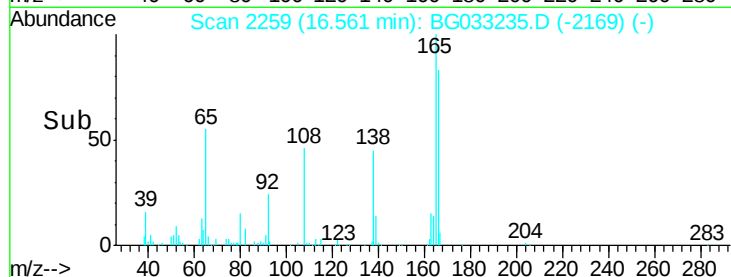
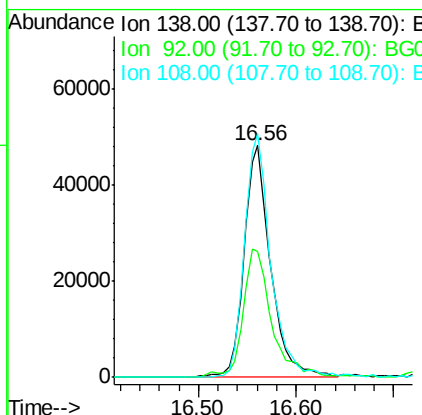
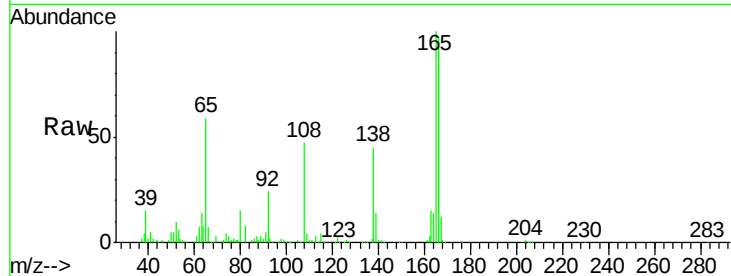




#61
4-Nitroaniline
Concen: 46.218 ng
RT: 16.56 min Scan# 2259
Delta R.T. 0.00 min
Lab File: BG033235.D
Acq: 19 Mar 2018 11:10

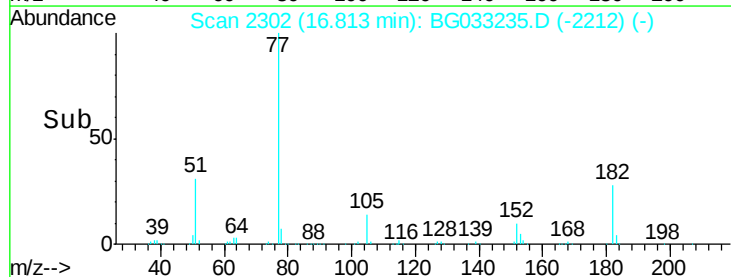
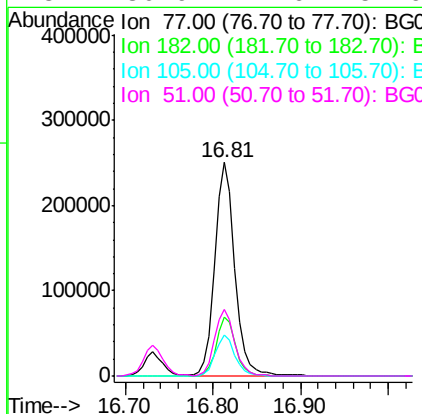
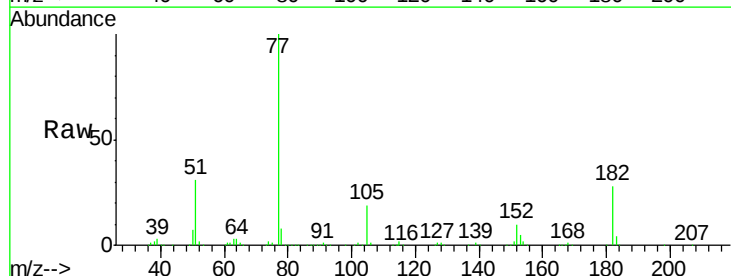
Instrument :
BNA_G
ClientSampleId :

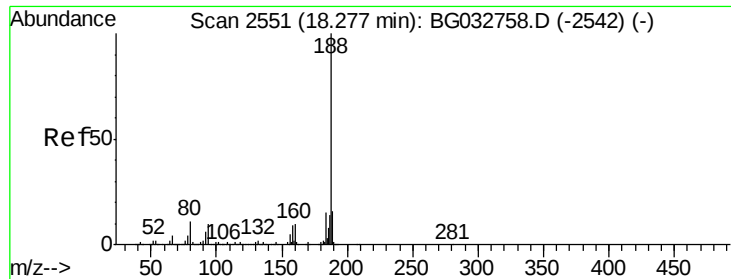
Tot Ion:138 Resp: 91982
Ion Ratio Lower Upper
138 100
92 54.1 40.1 80.1
108 105.0 65.4 105.4



#62
Azobenzene
Concen: 41.675 ng
RT: 16.81 min Scan# 2302
Delta R.T. 0.00 min
Lab File: BG033235.D
Acq: 19 Mar 2018 11:10

Tgt Ion: 77 Resp: 395170
Ion Ratio Lower Upper
77 100
182 27.5 7.4 47.4
105 18.9 0.3 40.3
51 30.9 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.24 min Scan# 2545

Delta R.T. 0.00 min

Lab File: BG033235.D

Acq: 19 Mar 2018 11:10

Instrument :

BNA_G

ClientSampled :

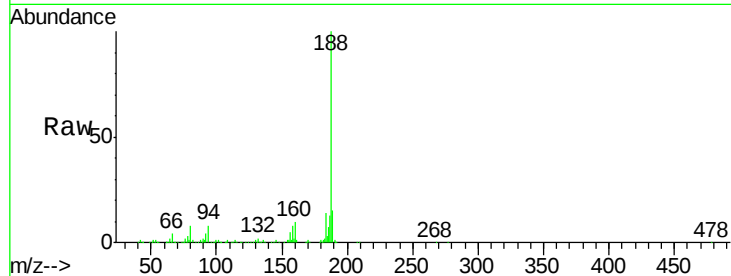
Tot Ion:188 Resp: 298983

Ion Ratio Lower Upper

188 100

94 7.7 6.9 10.3

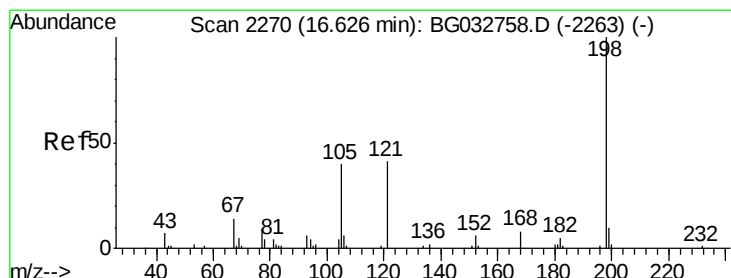
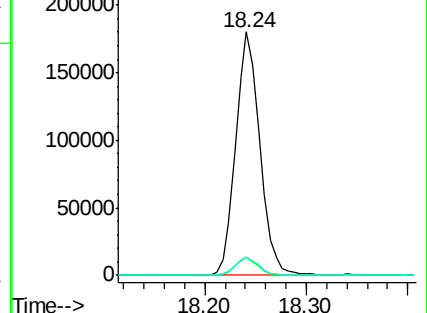
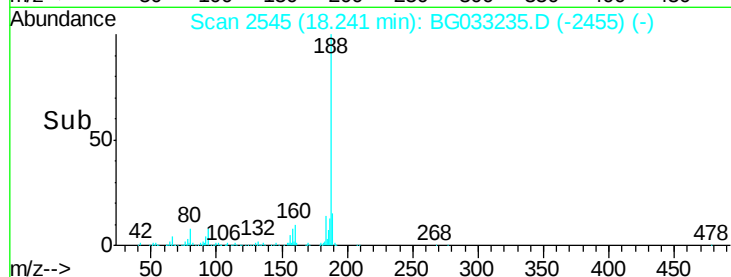
80 7.5 7.7 11.5#



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: 94.598 ng

RT: 16.60 min Scan# 2266

Delta R.T. 0.00 min

Lab File: BG033235.D

Acq: 19 Mar 2018 11:10

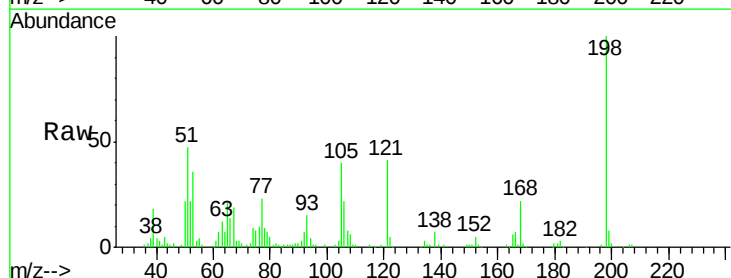
Tgt Ion:198 Resp: 76033

Ion Ratio Lower Upper

198 100

51 46.6 30.6 70.6

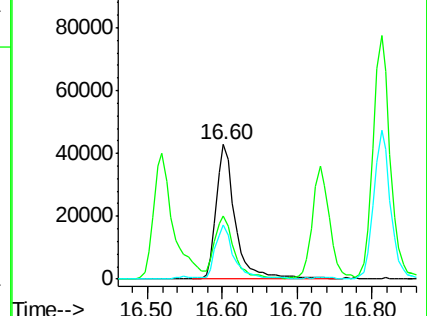
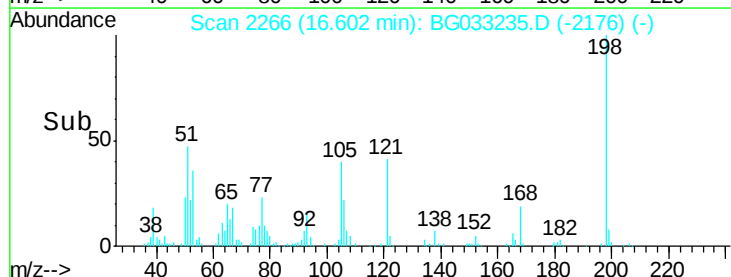
105 40.2 23.8 63.8

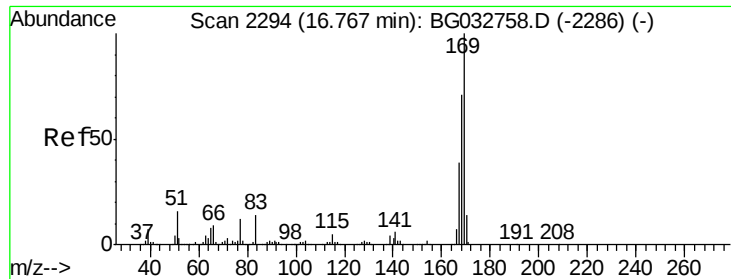


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

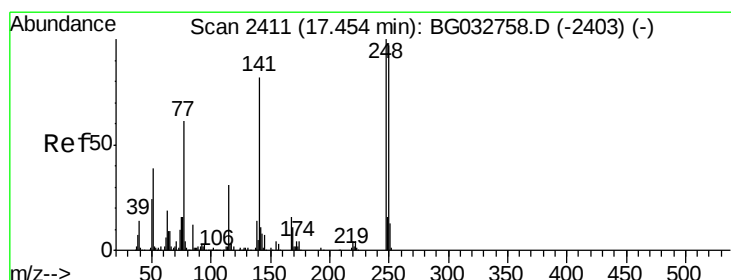
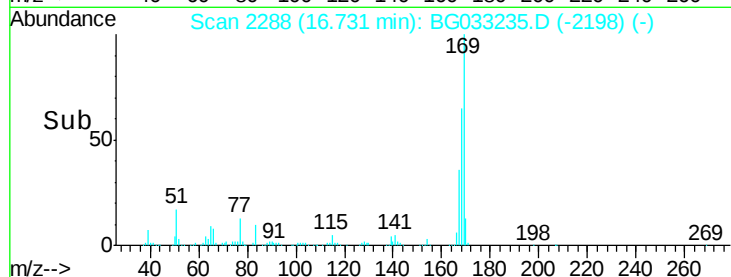
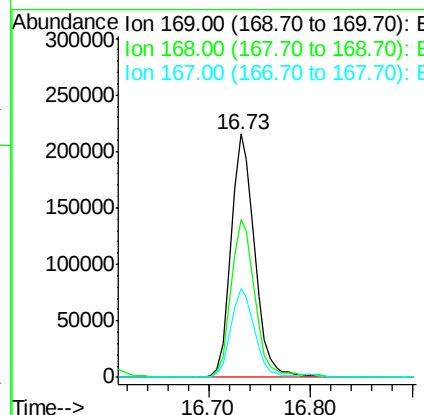
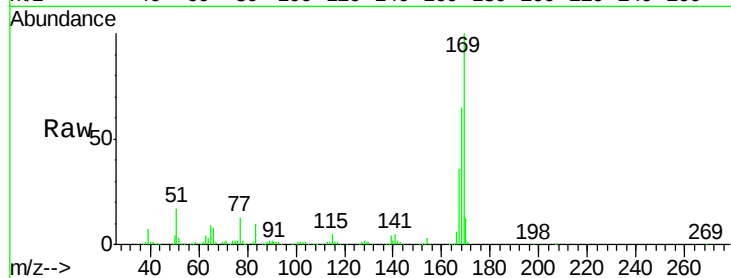




#65
 n-Nitrosodiphenylamine
 Concen: 35.765 ng
 RT: 16.73 min Scan# 2288
 Delta R.T. 0.00 min
 Lab File: BG033235.D
 Acq: 19 Mar 2018 11:10

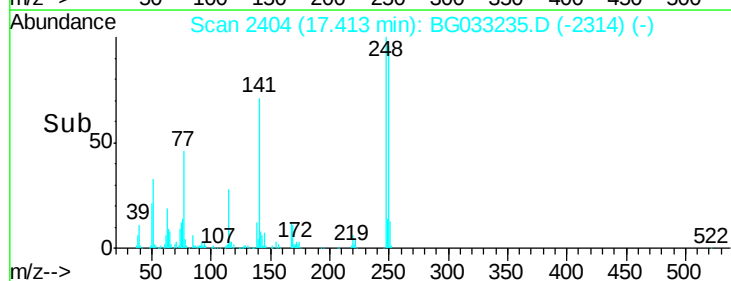
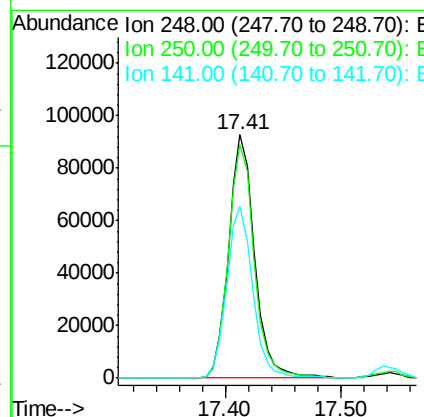
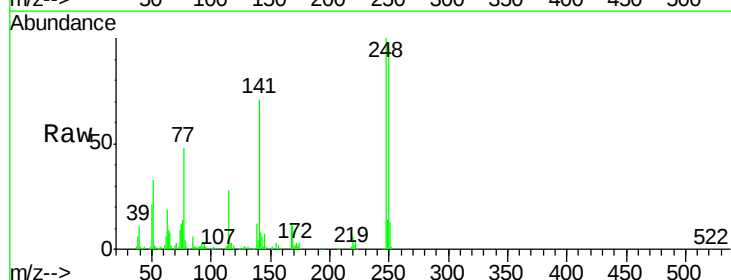
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	64.9	55.7	83.5
167	36.2	30.1	45.1



#66
 4-Bromophenyl-phenylether
 Concen: 45.523 ng
 RT: 17.41 min Scan# 2404
 Delta R.T. 0.00 min
 Lab File: BG033235.D
 Acq: 19 Mar 2018 11:10

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.7	77.1	115.7
141	70.9	50.8	76.2

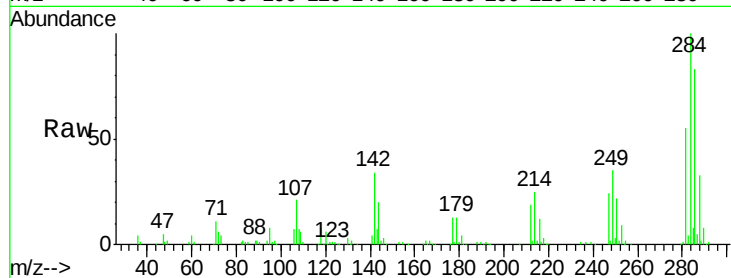




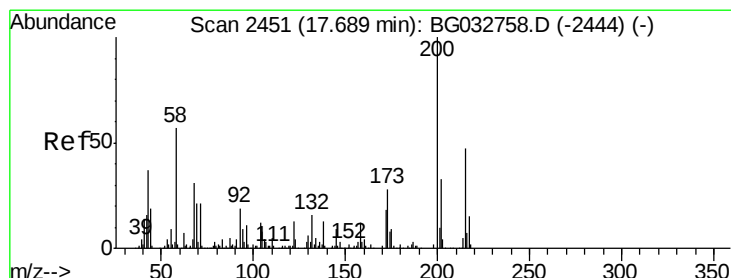
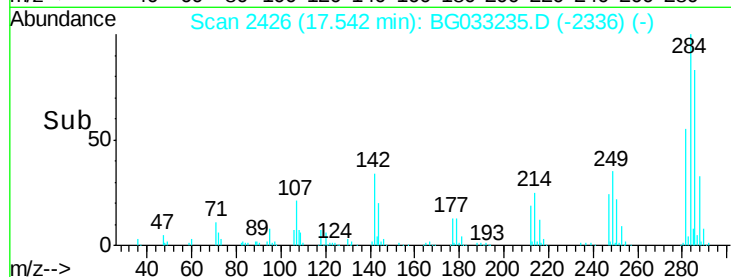
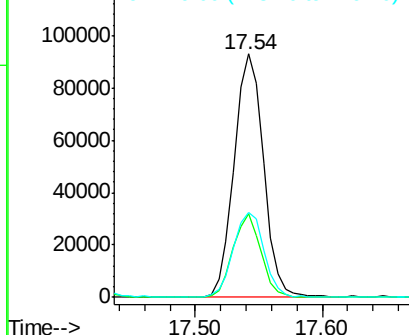
#67
Hexachlorobenzene
Concen: 43.707 ng
RT: 17.54 min Scan# 2426
Delta R.T. 0.00 min
Lab File: BG033235.D
Acq: 19 Mar 2018 11:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:284 Resp: 149323
Ion Ratio Lower Upper
284 100
142 34.4 26.8 40.2
249 35.0 26.3 39.5

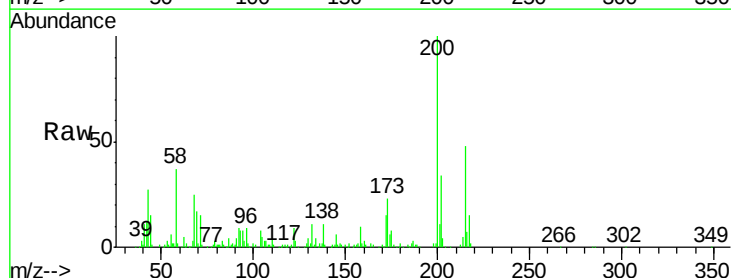


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

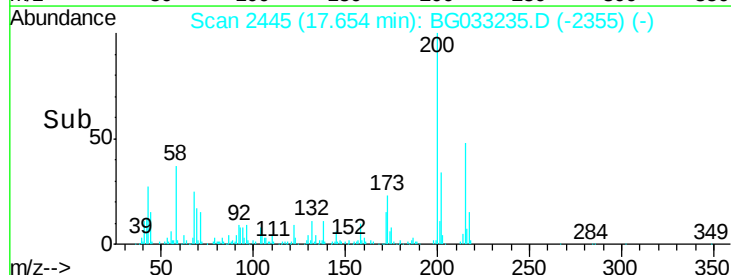
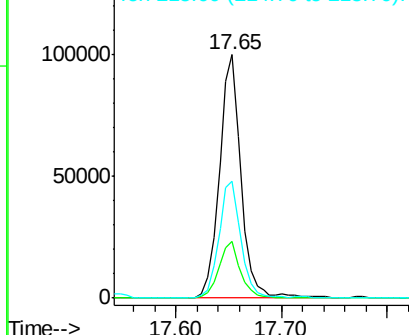


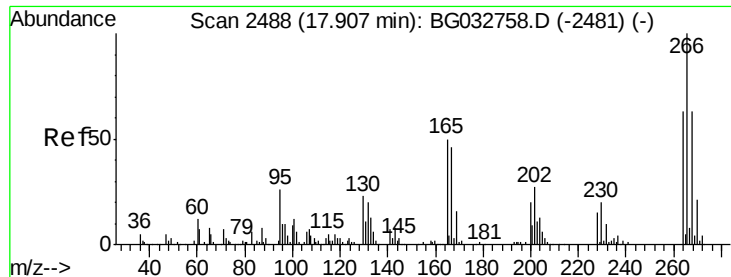
#68
Atrazine
Concen: 44.470 ng
RT: 17.65 min Scan# 2445
Delta R.T. 0.00 min
Lab File: BG033235.D
Acq: 19 Mar 2018 11:10

Tgt Ion:200 Resp: 142374
Ion Ratio Lower Upper
200 100
173 23.2 5.2 45.2
215 47.8 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: 48.208 ng

RT: 17.88 min Scan# 2483

Delta R.T. 0.00 min

Lab File: BG033235.D

Acq: 19 Mar 2018 11:10

Instrument :

BNA_G

ClientSampleId :

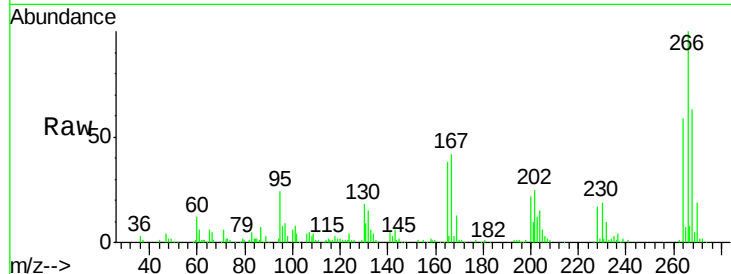
Tot Ion:266 Resp: 103740

Ion Ratio Lower Upper

266 100

268 62.6 51.1 76.7

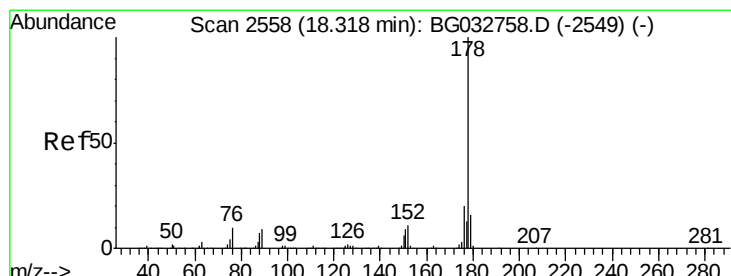
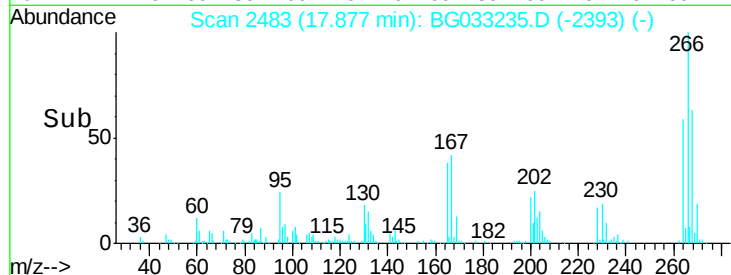
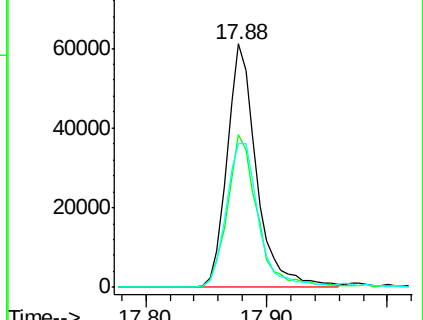
264 59.3 49.6 74.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 37.879 ng

RT: 18.28 min Scan# 2552

Delta R.T. 0.00 min

Lab File: BG033235.D

Acq: 19 Mar 2018 11:10

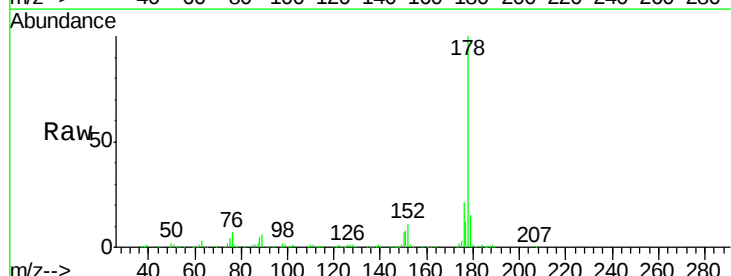
Tgt Ion:178 Resp: 631832

Ion Ratio Lower Upper

178 100

176 20.6 15.7 23.5

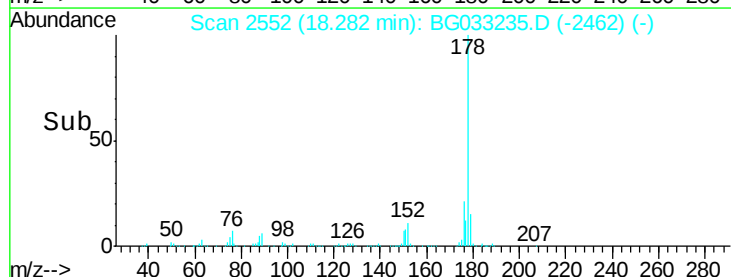
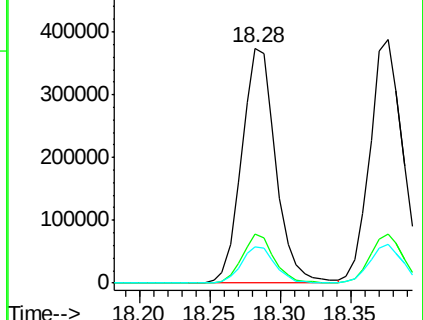
179 15.4 12.5 18.7

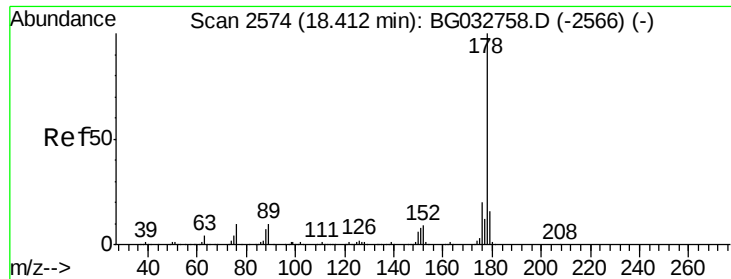


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 38.206 ng

RT: 18.38 min Scan# 2568

Delta R.T. 0.00 min

Lab File: BG033235.D

Acq: 19 Mar 2018 11:10

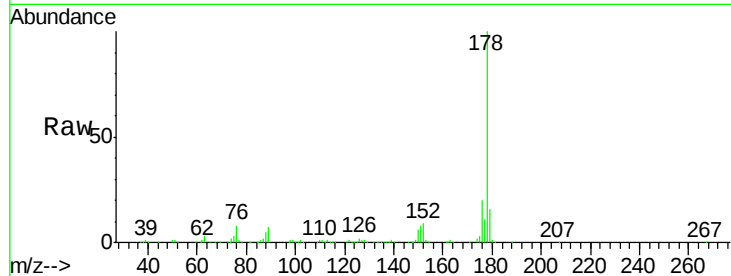
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 639797

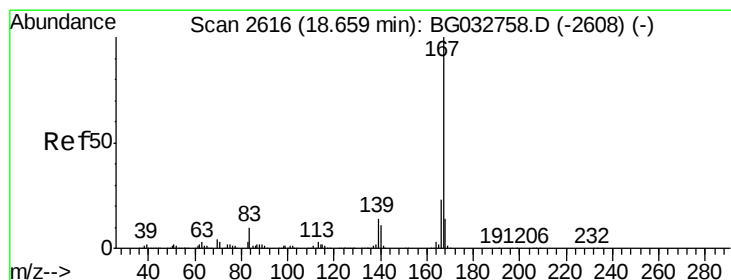
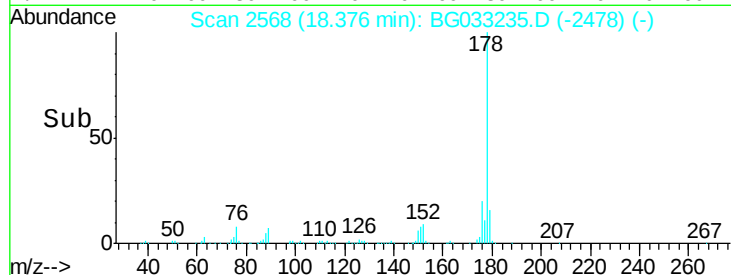
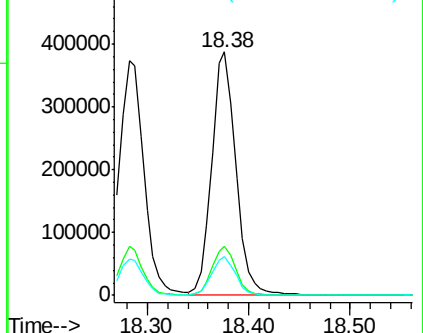
Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.0	24.0
179	16.0	12.5	18.7



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



#72

Carbazole

Concen: 34.661 ng

RT: 18.63 min Scan# 2612

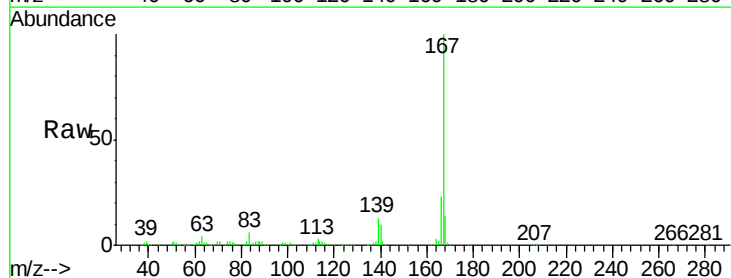
Delta R.T. 0.00 min

Lab File: BG033235.D

Acq: 19 Mar 2018 11:10

Tgt Ion:167 Resp: 572114

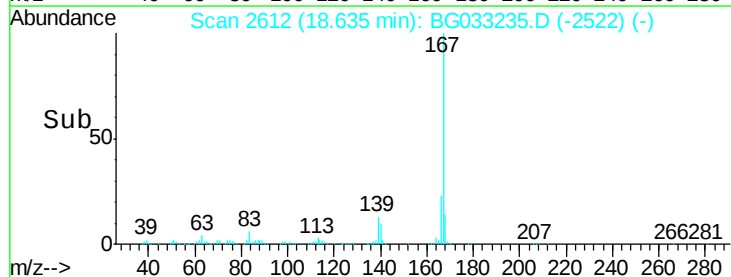
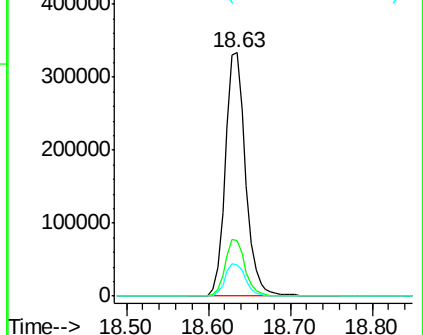
Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.2	27.4
139	13.0	9.4	14.2

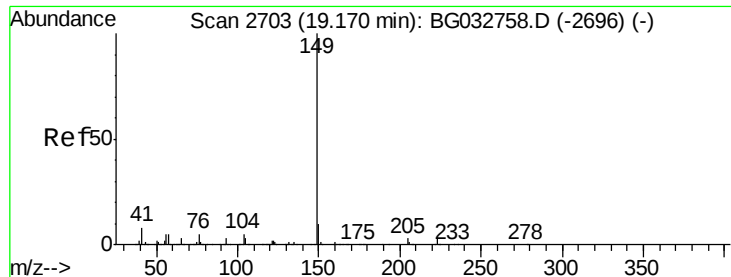


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 32.978 ng

RT: 19.12 min Scan# 2695

Delta R.T. 0.00 min

Lab File: BG033235.D

Acq: 19 Mar 2018 11:10

Instrument :

BNA_G

ClientSampleId :

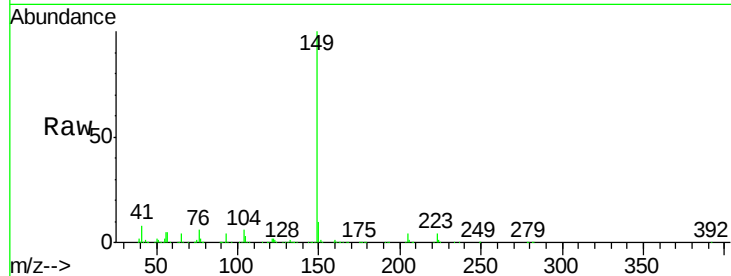
Tot Ion:149 Resp: 667799

Ion Ratio Lower Upper

149 100

150 10.3 7.8 11.6

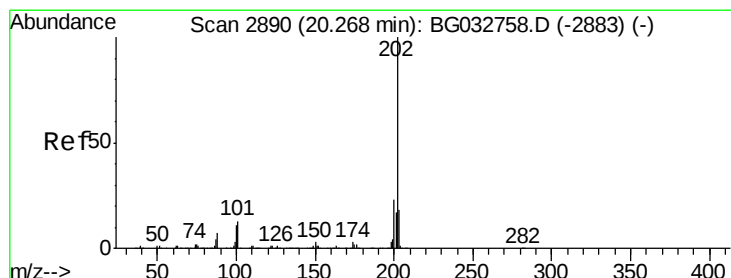
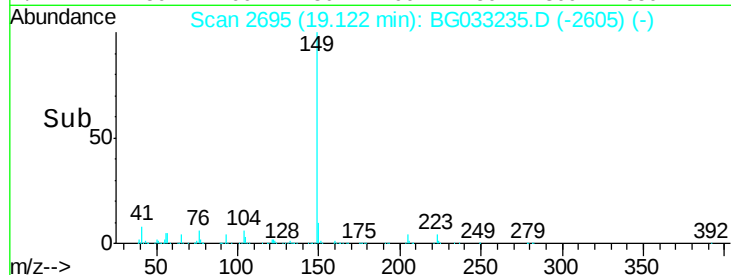
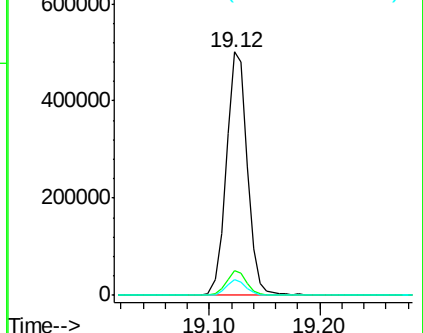
104 6.2 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.446 ng

RT: 20.24 min Scan# 2885

Delta R.T. 0.00 min

Lab File: BG033235.D

Acq: 19 Mar 2018 11:10

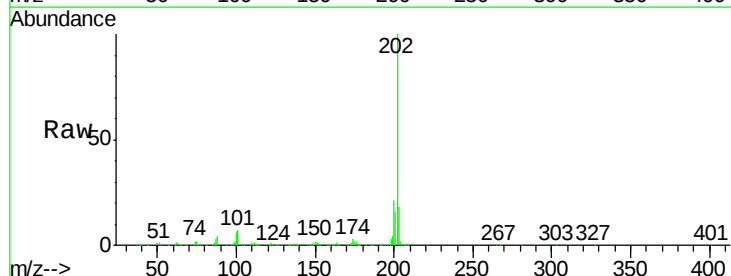
Tgt Ion:202 Resp: 782098

Ion Ratio Lower Upper

202 100

101 6.8 0.0 28.9

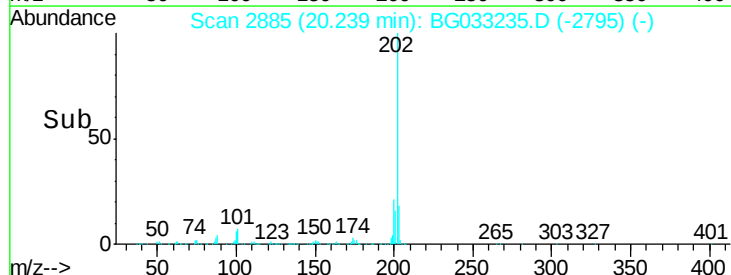
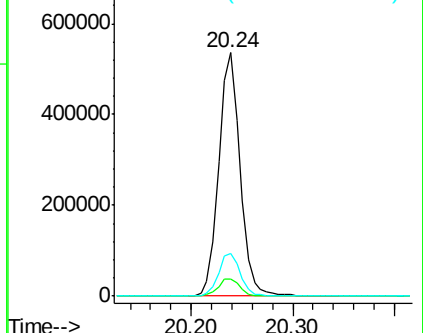
203 17.6 0.0 37.5

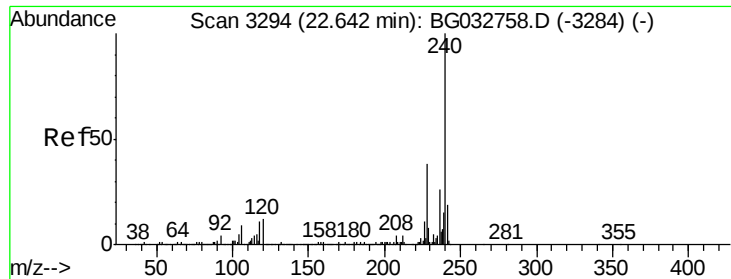


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrvsene-d12

Concen: 20.000 ng

RT: 22.60 min Scan# 3287

Delta R.T. 0.00 min

Lab File: BG033235.D

Acq: 19 Mar 2018 11:10

Instrument :

BNA_G

ClientSampleId :

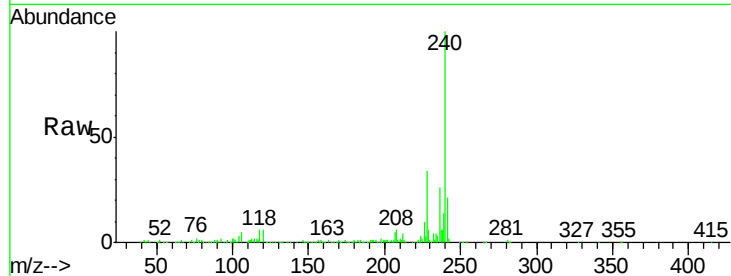
Tot Ion:240 Resp: 297539

Ion Ratio Lower Upper

240 100

120 6.2 6.8 10.2#

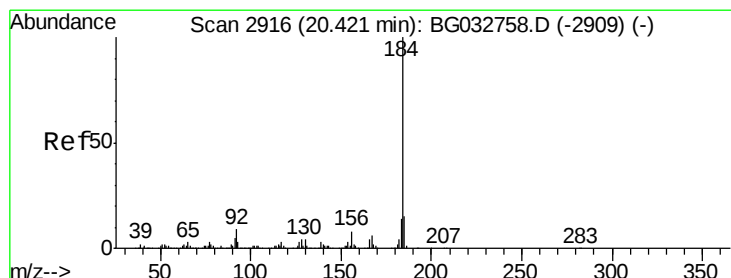
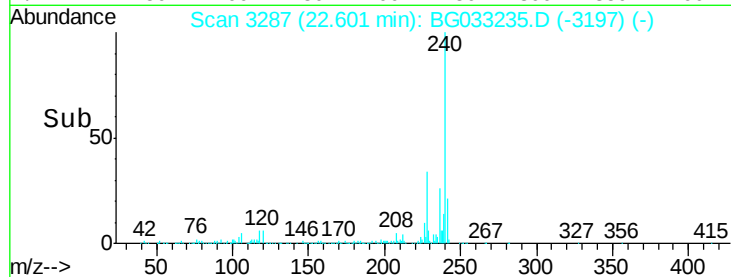
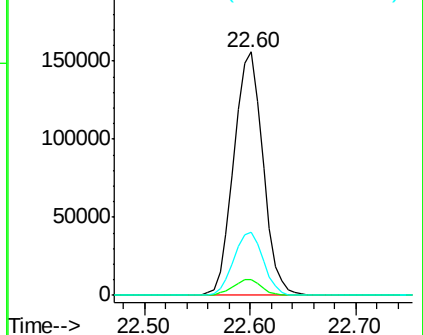
236 25.9 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 34.844 ng

RT: 20.40 min Scan# 2912

Delta R.T. 0.00 min

Lab File: BG033235.D

Acq: 19 Mar 2018 11:10

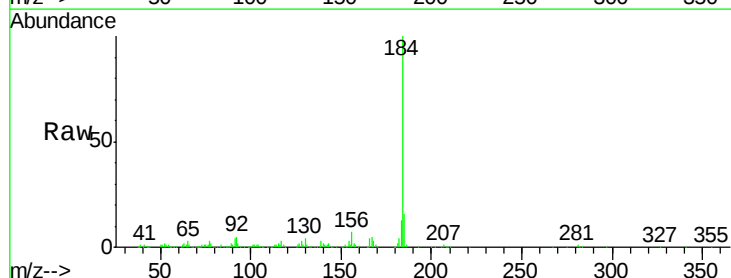
Tgt Ion:184 Resp: 353391

Ion Ratio Lower Upper

184 100

185 15.7 11.1 16.7

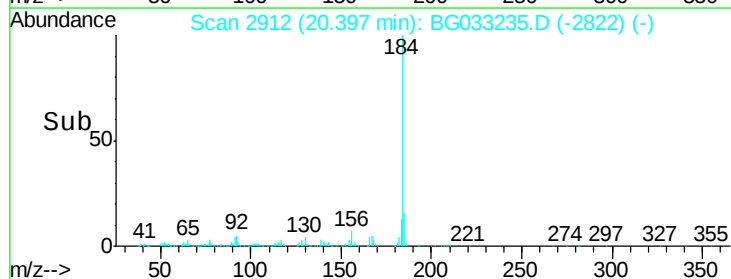
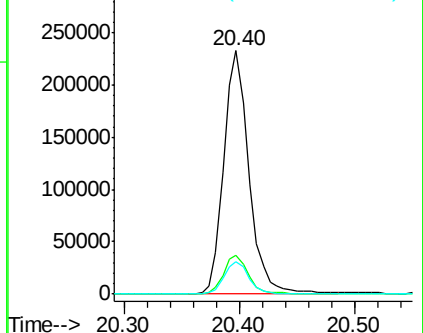
183 13.1 10.6 16.0

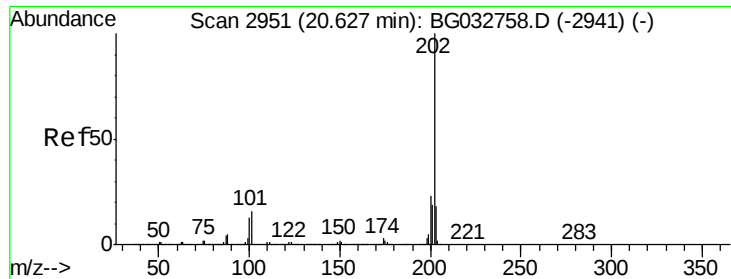


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

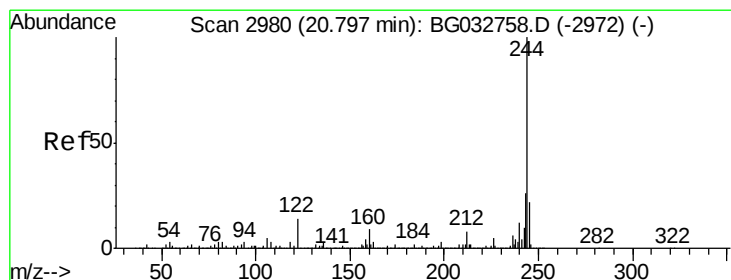
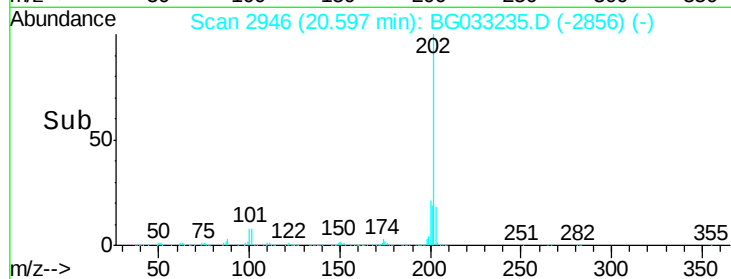
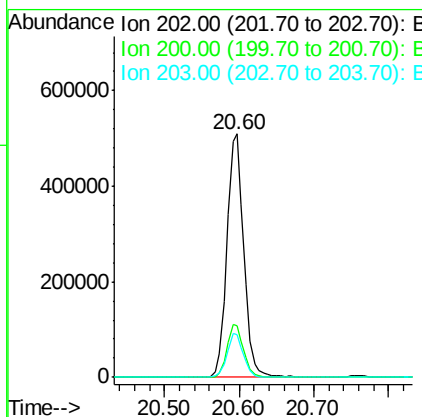
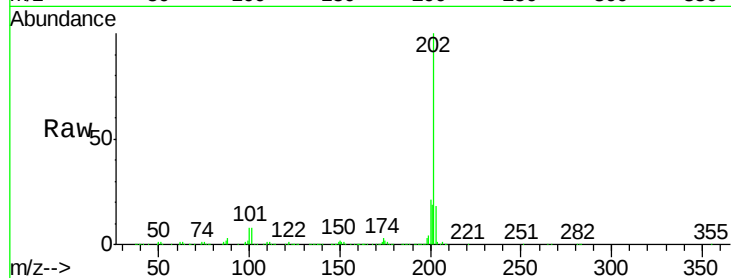




#77
Pvrene
Concen: 38.331 ng
RT: 20.60 min Scan# 2946
Delta R.T. 0.00 min
Lab File: BG033235.D
Acq: 19 Mar 2018 11:10

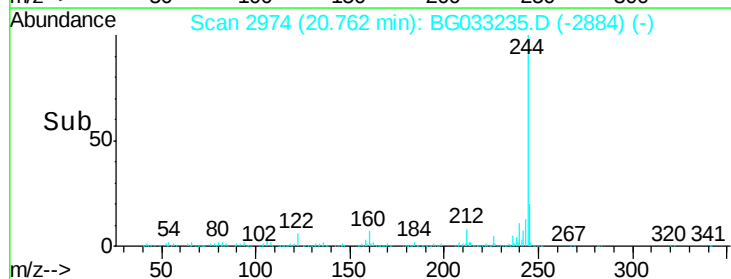
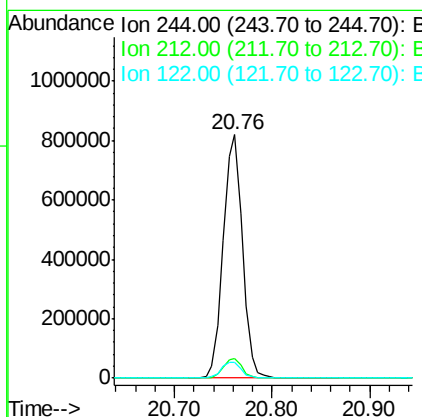
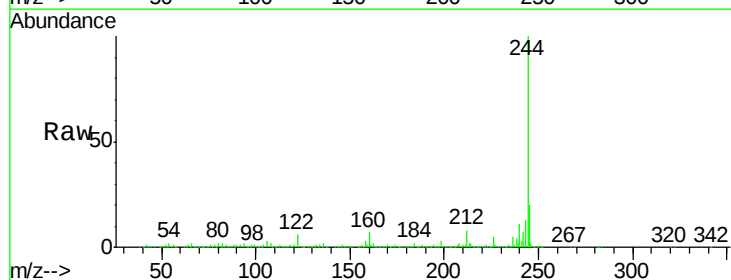
Instrument :
BNA_G
ClientSampleId :

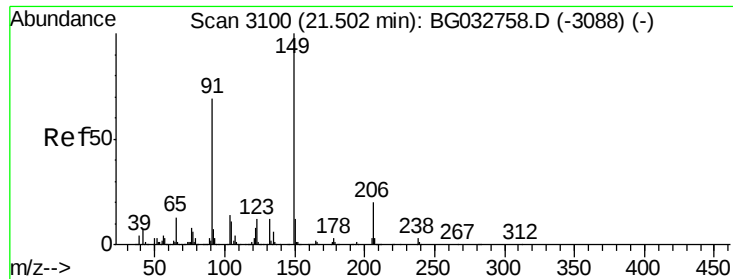
Tot Ion:202 Resp: 804278
Ion Ratio Lower Upper
202 100
200 21.3 16.9 25.3
203 17.6 13.9 20.9



#78
Terphenyl-d14
Concen: 84.428 ng
RT: 20.76 min Scan# 2974
Delta R.T. 0.00 min
Lab File: BG033235.D
Acq: 19 Mar 2018 11:10

Tgt Ion:244 Resp: 1118092
Ion Ratio Lower Upper
244 100
212 8.2 5.8 8.8
122 6.5 7.0 10.4#

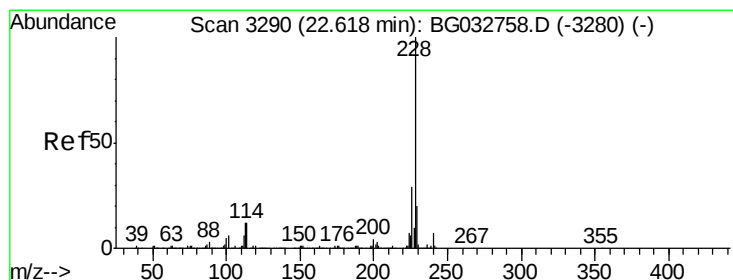
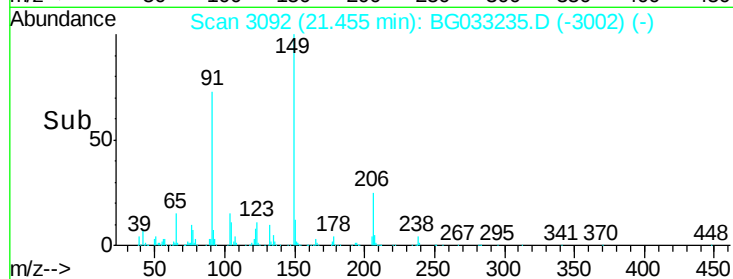
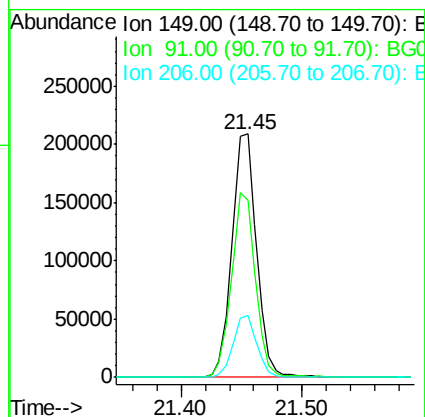
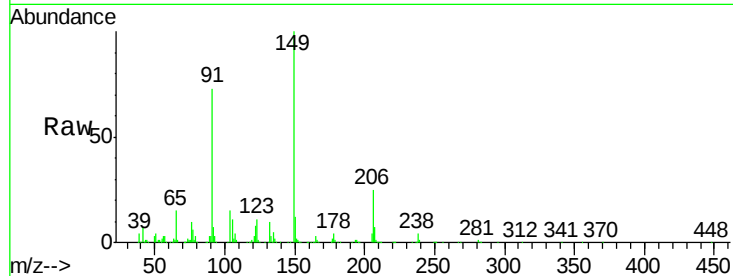




#79
Butylbenzylphthalate
Concen: 32.093 ng
RT: 21.45 min Scan# 3092
Delta R.T. 0.00 min
Lab File: BG033235.D
Acq: 19 Mar 2018 11:10

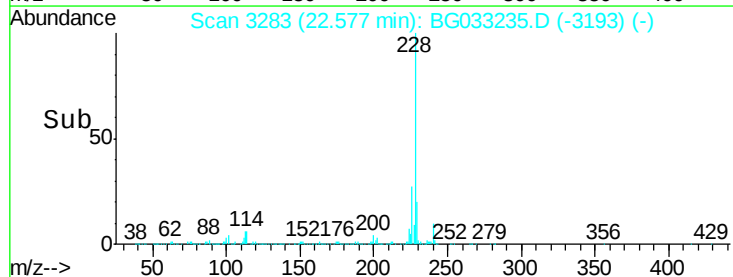
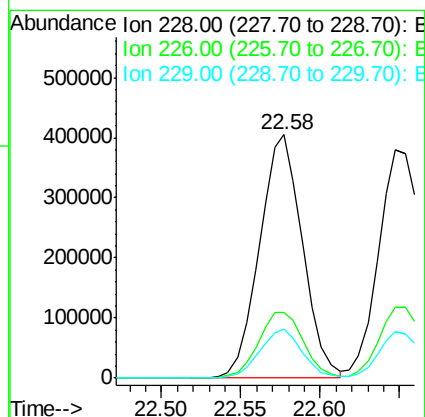
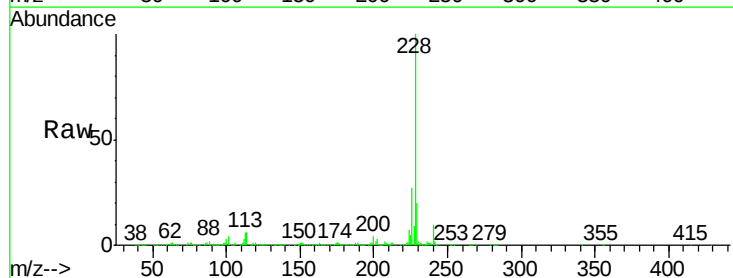
Instrument :
BNA_G
ClientSampled :

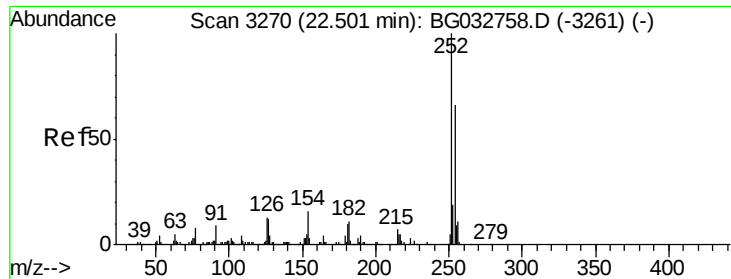
Tot Ion:149 Resp: 298565
Ion Ratio Lower Upper
149 100
91 73.0 62.2 93.2
206 25.4 18.6 27.8



#80
Benzo(a)anthracene
Concen: 39.869 ng
RT: 22.58 min Scan# 3283
Delta R.T. 0.00 min
Lab File: BG033235.D
Acq: 19 Mar 2018 11:10

Tgt Ion:228 Resp: 760695
Ion Ratio Lower Upper
228 100
226 26.9 22.7 34.1
229 20.0 16.2 24.2

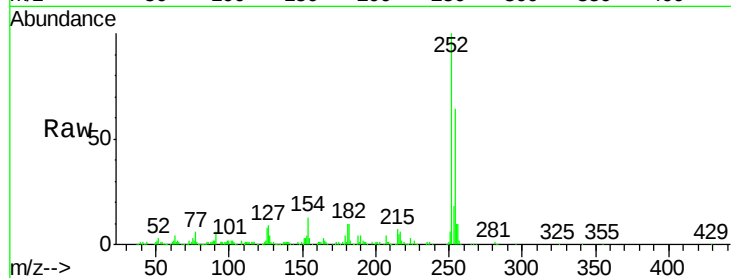




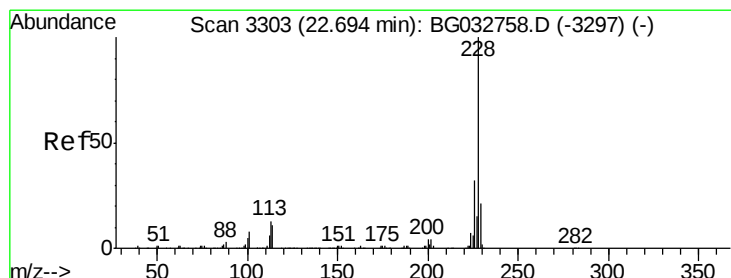
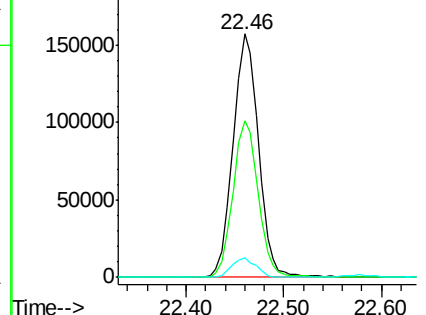
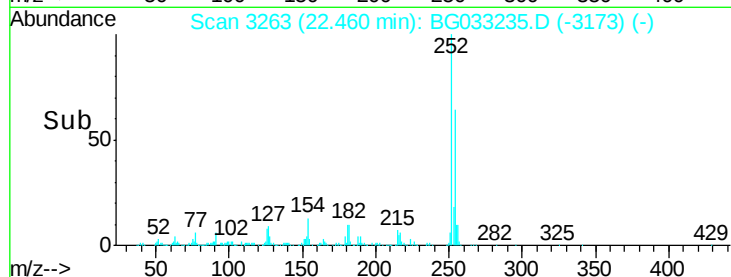
#81
 3,3'-Dichlorobenzidine
 Concen: 40.222 ng
 RT: 22.46 min Scan# 3263
 Delta R.T. 0.00 min
 Lab File: BG033235.D
 Acq: 19 Mar 2018 11:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.3	50.8	76.2
126	8.0	7.4	11.2

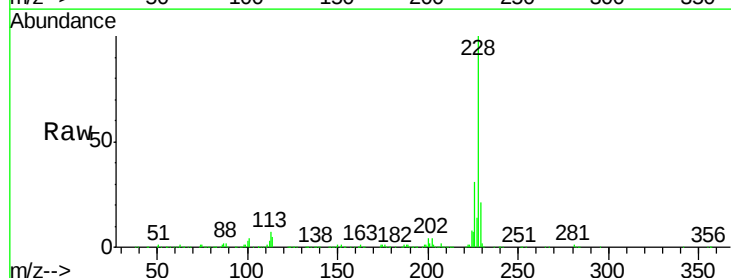


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

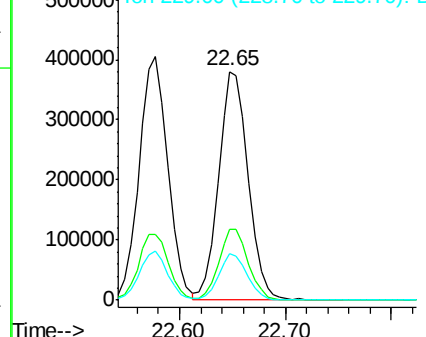
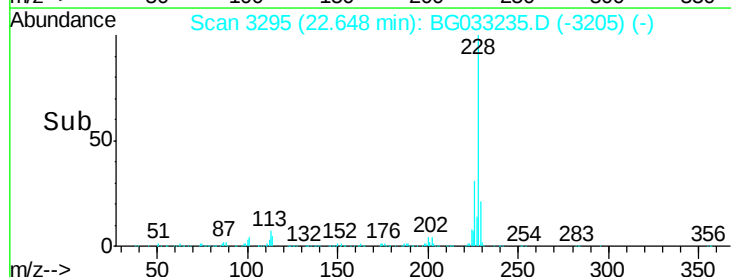


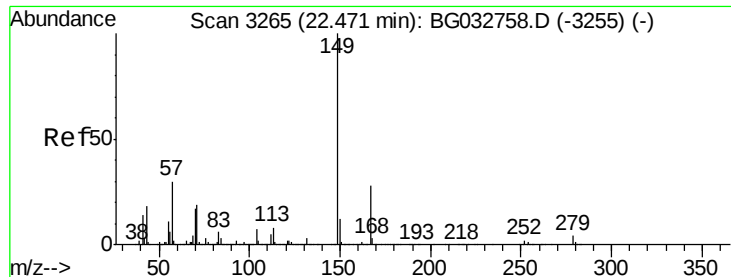
#82
 Chrysene
 Concen: 40.401 ng
 RT: 22.65 min Scan# 3295
 Delta R.T. 0.00 min
 Lab File: BG033235.D
 Acq: 19 Mar 2018 11:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	20.6	15.0	22.4



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

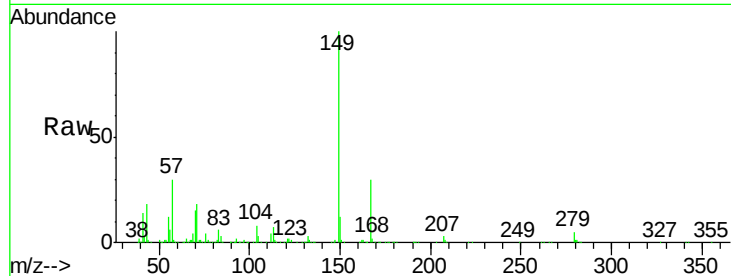




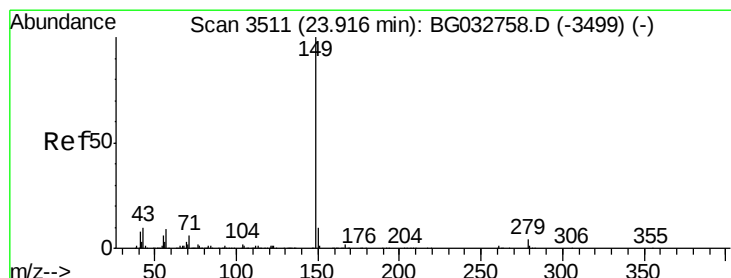
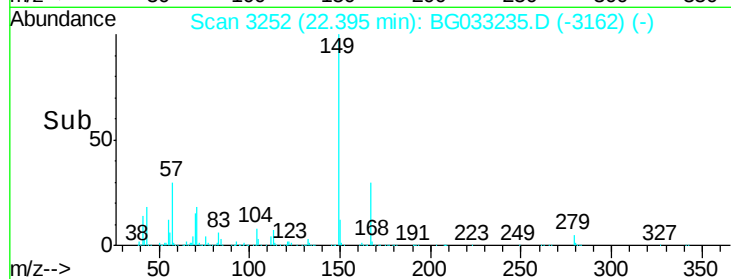
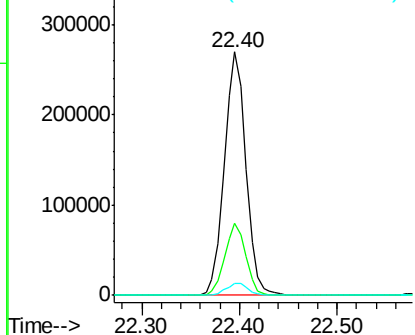
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 29.970 ng
 RT: 22.40 min Scan# 3252
 Delta R.T. 0.00 min
 Lab File: BG033235.D
 Acq: 19 Mar 2018 11:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:149 Resp: 412710
 Ion Ratio Lower Upper
 149 100
 167 29.7 24.3 36.5
 279 5.0 4.0 6.0

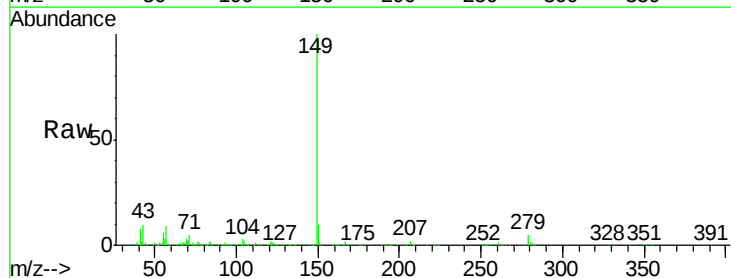


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

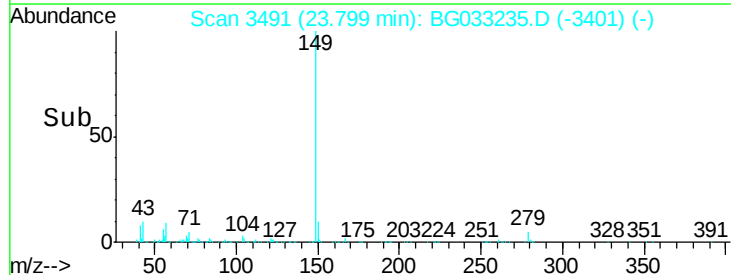
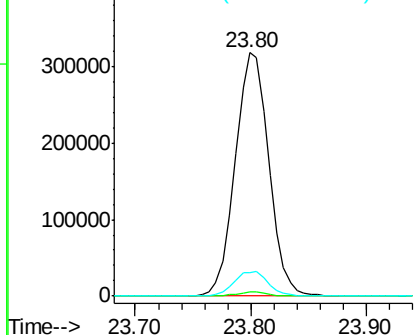


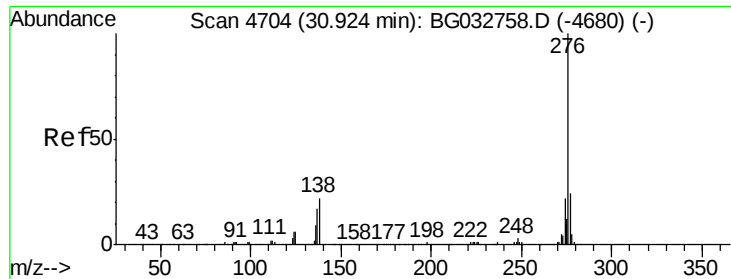
#84
 Di-n-octyl phthalate
 Concen: 30.518 ng
 RT: 23.80 min Scan# 3491
 Delta R.T. 0.00 min
 Lab File: BG033235.D
 Acq: 19 Mar 2018 11:10

Tgt Ion:149 Resp: 640576
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.0
 43 10.5 8.9 13.3



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BGO

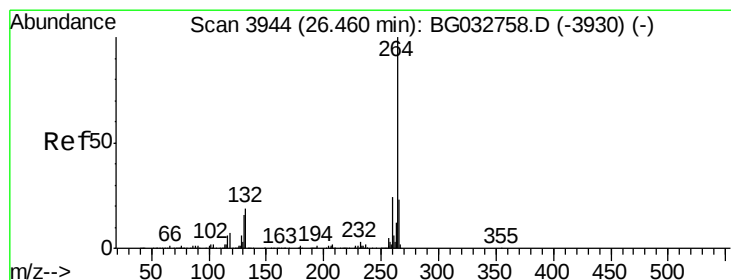
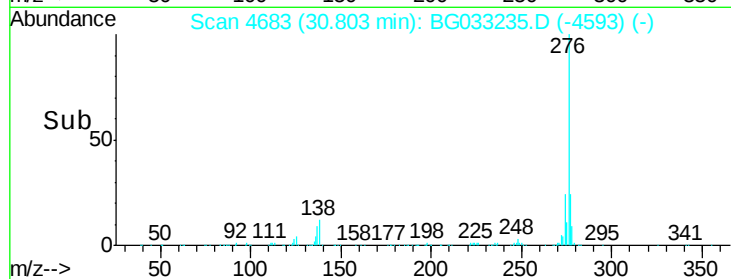
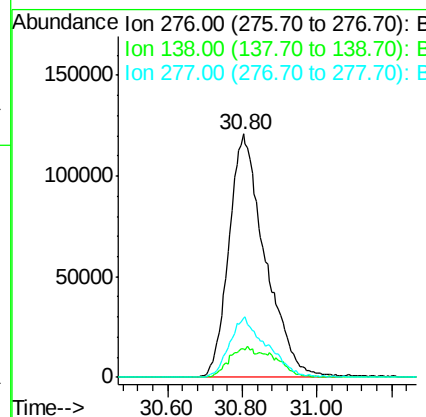
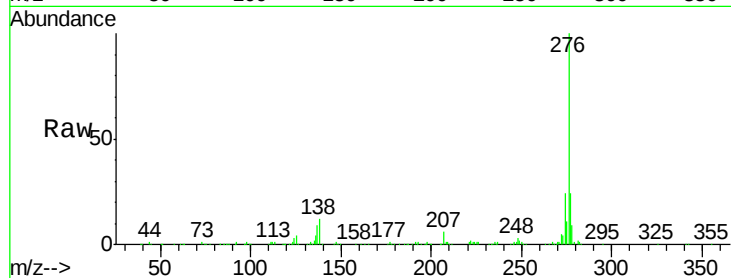




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.250 ng
 RT: 30.80 min Scan# 4683
 Delta R.T. 0.00 min
 Lab File: BG033235.D
 Acq: 19 Mar 2018 11:10

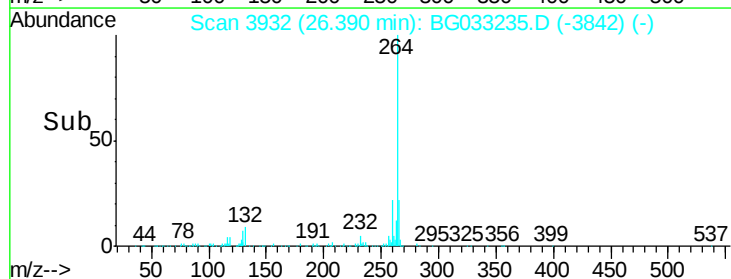
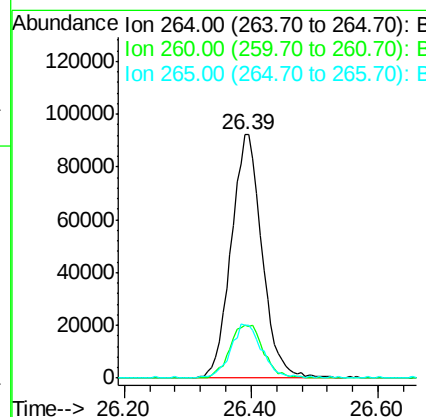
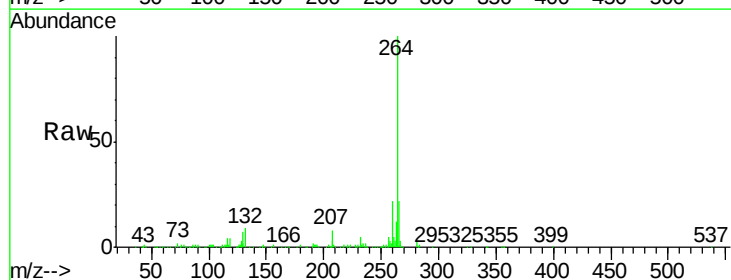
Instrument :
 BNA_G
 ClientSampleId :

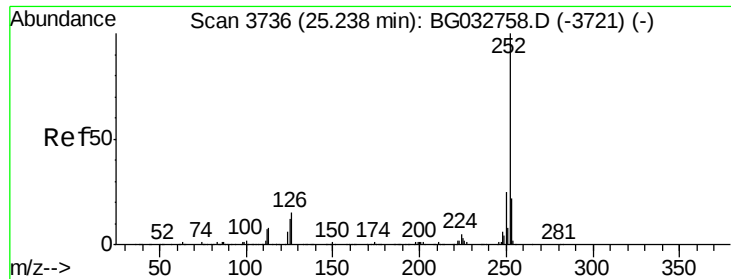
Tot Ion:276 Resp: 813032
 Ion Ratio Lower Upper
 276 100
 138 8.8 16.0 24.0#
 277 25.3 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.39 min Scan# 3932
 Delta R.T. 0.00 min
 Lab File: BG033235.D
 Acq: 19 Mar 2018 11:10

Tgt Ion:264 Resp: 310436
 Ion Ratio Lower Upper
 264 100
 260 21.9 17.4 26.0
 265 21.6 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 39.726 ng

RT: 25.17 min Scan# 3725

Delta R.T. 0.00 min

Lab File: BG033235.D

Acq: 19 Mar 2018 11:10

Instrument :

BNA_G

ClientSampleId :

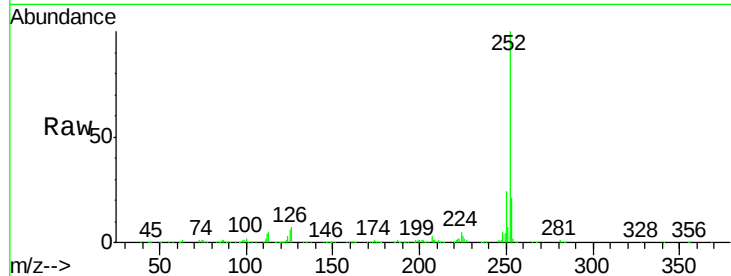
Tot Ion:252 Resp: 729172

Ion Ratio Lower Upper

252 100

253 21.2 18.2 27.4

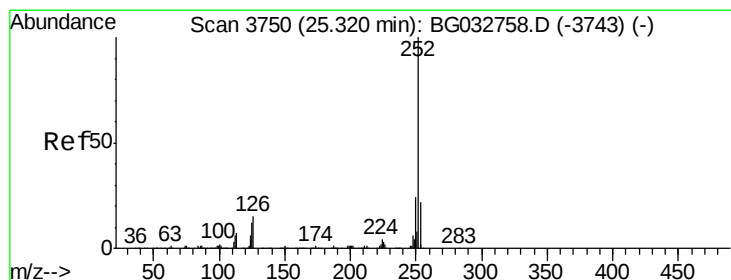
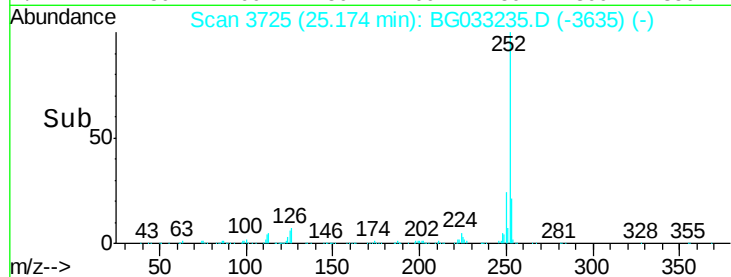
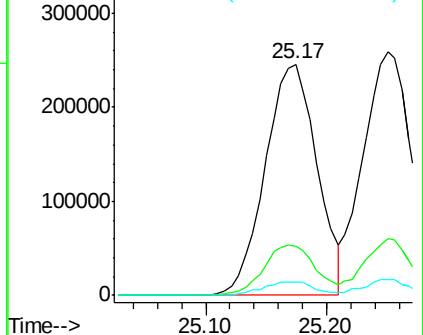
125 6.0 7.2 10.8#



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: 40.434 ng

RT: 25.25 min Scan# 3738

Delta R.T. 0.00 min

Lab File: BG033235.D

Acq: 19 Mar 2018 11:10

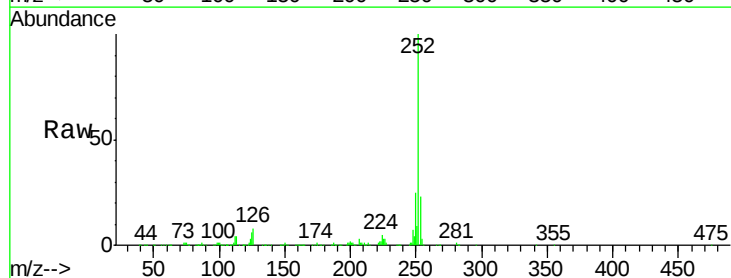
Tgt Ion:252 Resp: 737596

Ion Ratio Lower Upper

252 100

253 23.2 17.4 26.2

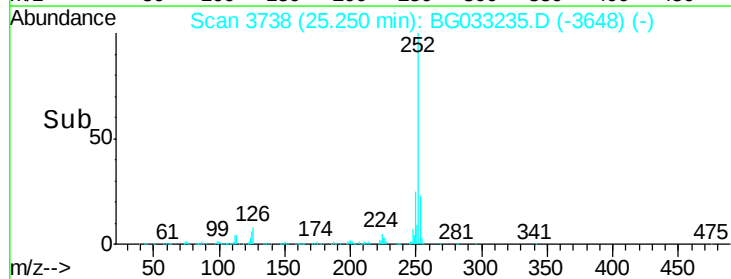
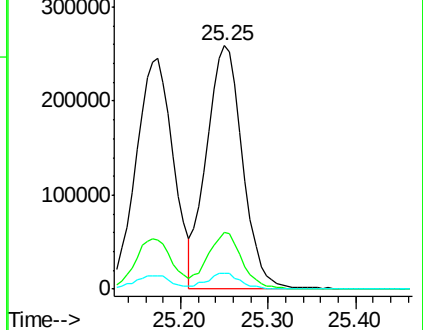
125 6.4 6.6 9.8#

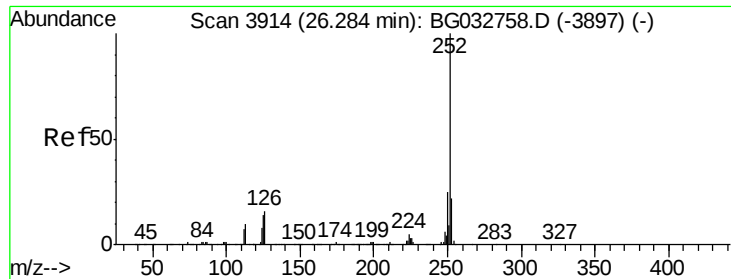


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

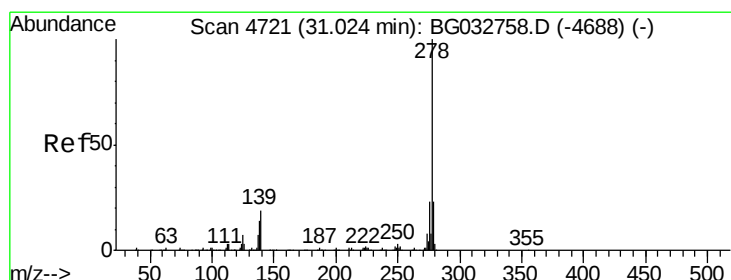
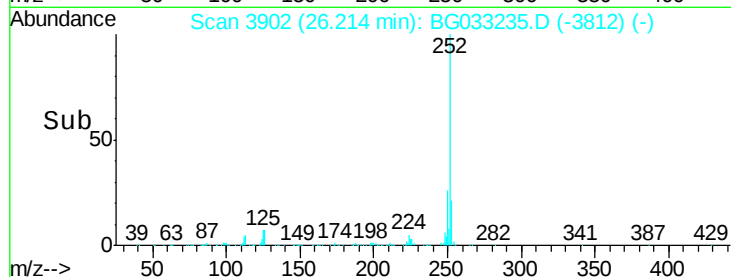
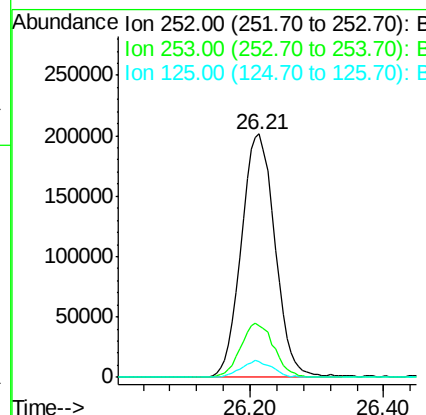
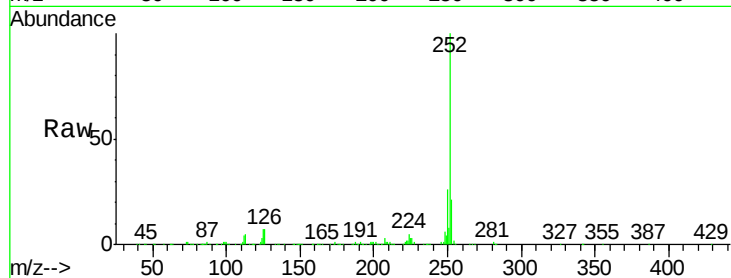




#89
Benzo(a)pyrene
Concen: 40.237 ng
RT: 26.21 min Scan# 3902
Delta R.T. 0.00 min
Lab File: BG033235.D
Acq: 19 Mar 2018 11:10

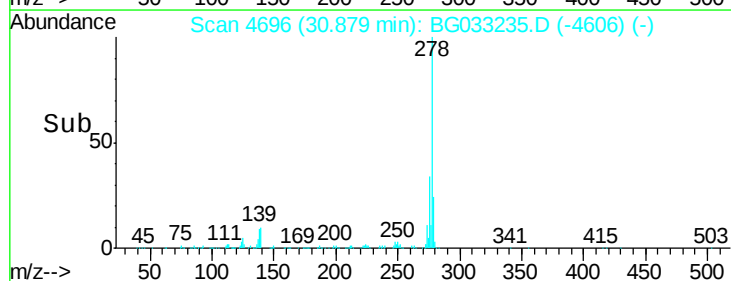
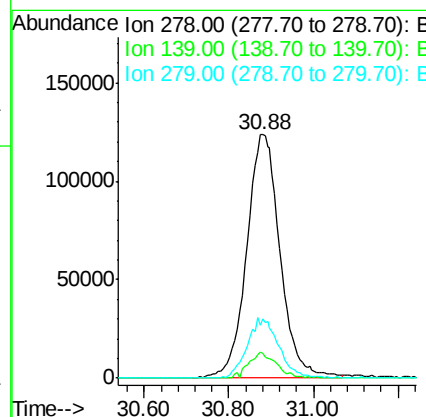
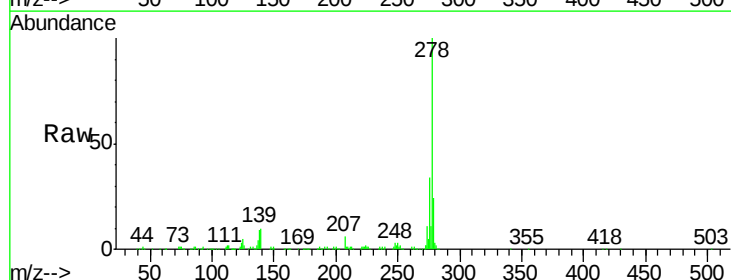
Instrument :
BNA_G
ClientSampled :

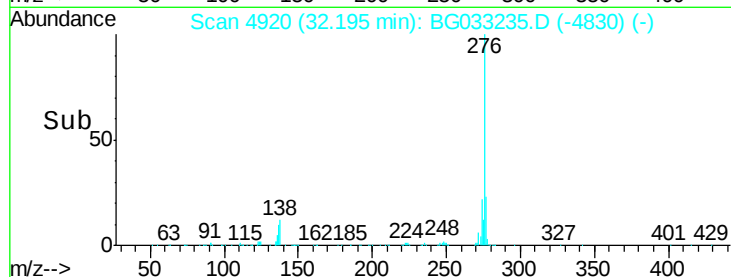
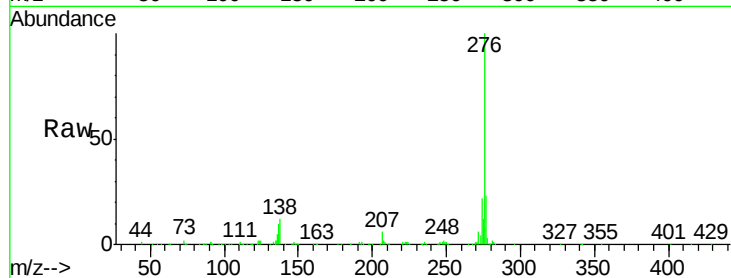
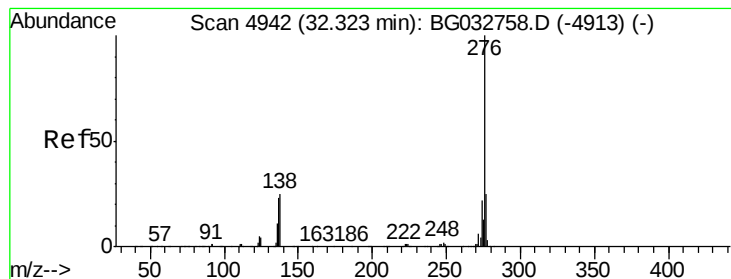
Tot Ion:252 Resp: 702475
Ion Ratio Lower Upper
252 100
253 21.0 18.3 27.5
125 6.5 7.3 10.9#



#90
Dibenzo(a,h)anthracene
Concen: 38.756 ng
RT: 30.88 min Scan# 4696
Delta R.T. 0.00 min
Lab File: BG033235.D
Acq: 19 Mar 2018 11:10

Tgt Ion:278 Resp: 681057
Ion Ratio Lower Upper
278 100
139 10.0 9.8 14.6
279 24.2 18.4 27.6





#91

Benzo(a,h,i)perylene

Concen: 38.236 ng

RT: 32.20 min Scan# 4920

Delta R.T. 0.00 min

Lab File: BG033235.D

Acq: 19 Mar 2018 11:10

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 662362

Ion Ratio Lower Upper

276 100

277 22.8 18.3 27.5

138 11.9 13.9 20.9#

