

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032818\
 Data File : BG033387.D
 Acq On : 28 Mar 2018 15:50
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 28 18:29:18 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:29:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.88	152	41949	20.00	ng	0.00
21) Naphthalene-d8	11.76	136	172417	20.00	ng	0.00
38) Acenaphthene-d10	15.49	164	127197	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	322917	20.00	ng	0.00
75) Chrysene-d12	22.56	240	326887	20.00	ng	0.00
86) Perylene-d12	26.33	264	361160	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.29	112	176600	78.94	ng	0.00
7) Phenol-d6	7.98	99	294897	76.72	ng	0.00
23) Nitrobenzene-d5	10.08	82	295584	78.76	ng	0.00
41) 2,4,6-Tribromophenol	16.96	330	148651	78.14	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	700266	79.48	ng	0.00
78) Terphenyl-d14	20.74	244	1156300	75.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.93	88	44015	38.742	ng	88
3) Pyridine	4.40	79	125827	40.065	ng	93
4) n-Nitrosodimethylamine	4.31	42	46031	35.715	ng	# 86
6) Aniline	8.17	93	171930	38.035	ng	96
8) 2-Chlorophenol	8.42	128	94236	36.846	ng	95
9) Benzaldehyde	7.98	77	75896	31.069	ng	90
10) Phenol	8.01	94	141964	37.407	ng	89
11) bis(2-Chloroethyl)ether	8.26	93	108403	34.995	ng	95
12) 1,3-Dichlorobenzene	8.75	146	121372	36.299	ng	94
13) 1,4-Dichlorobenzene	8.91	146	122872	36.693	ng	89
14) 1,2-Dichlorobenzene	9.24	146	119483	36.558	ng	96
15) Benzyl Alcohol	9.11	79	116775	38.585	ng	93
16) 2,2'-oxybis(1-Chloropropan	9.39	45	180616	35.767	ng	87
17) 2-Methylphenol	9.64	107	140804	54.463	ng	88
18) Hexachloroethane	9.99	117	50156	38.807	ng	92
19) n-Nitroso-di-n-propylamine	9.68	70	101961	36.200	ng	95
20) 3+4-Methylphenols	9.64	107	140804	38.252	ng	88
22) Acetophenone	9.71	105	186493	39.481	ng	# 98
24) Nitrobenzene	10.12	77	160971	40.074	ng	92
25) Isophorone	10.64	82	287206	39.432	ng	97
26) 2-Nitrophenol	10.84	139	63775	41.937	ng	# 90
27) 2,4-Dimethylphenol	10.88	122	88495	40.058	ng	89
28) bis(2-Chloroethoxy)methane	11.12	93	139547	38.399	ng	97
29) 2,4-Dichlorophenol	11.39	162	110530	40.683	ng	97
30) 1,2,4-Trichlorobenzene	11.60	180	140447	39.788	ng	98
31) Naphthalene	11.80	128	350664	39.247	ng	99
32) Benzoic acid	10.99	122	77031	37.509	ng	94
33) 4-Chloroaniline	11.90	127	155233	38.780	ng	95
34) Hexachlorobutadiene	12.06	225	107548	40.290	ng	95
35) Caprolactam	12.64	113	41691	39.170	ng	94
36) 4-Chloro-3-methylphenol	12.96	107	137976	38.938	ng	96
37) 2-Methylnaphthalene	13.36	142	267221	38.533	ng	89
39) 1,2,4,5-Tetrachlorobenzene	13.71	216	187586	40.714	ng	98
40) Hexachlorocyclopentadiene	13.68	237	103791	38.427	ng	100

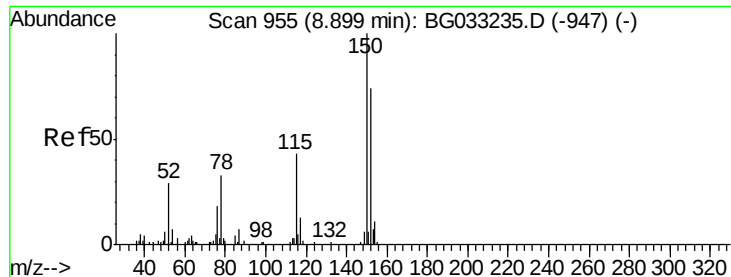
Data Path : Z:\HPCHEM1\BNA G\DATA\BG032818\
 Data File : BG033387.D
 Acq On : 28 Mar 2018 15:50
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:29:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.94	196	110140	41.144	nq	99
43) 2,4,5-Trichlorophenol	14.01	196	137734	43.530	nq	97
45) 1,1'-Biphenyl	14.33	154	391060	40.017	nq	98
46) 2-Chloronaphthalene	14.38	162	297205	39.444	nq	98
47) 2-Nitroaniline	14.58	65	111688	39.574	nq	96
48) Acenaphthylene	15.22	152	491772	39.100	nq	99
49) Dimethylphthalate	14.91	163	436943	39.472	nq	99
50) 2,6-Dinitrotoluene	15.05	165	91714	40.520	nq	96
51) Acenaphthene	15.55	154	321879	39.700	nq	96
52) 3-Nitroaniline	15.38	138	90848	38.284	nq	# 95
53) 2,4-Dinitrophenol	15.58	184	43906	41.522	nq	88
54) Dibenzofuran	15.88	168	460847	38.480	nq	# 90
55) 4-Nitrophenol	15.66	139	61604	36.919	nq	# 85
56) 2,4-Dinitrotoluene	15.82	165	131838	39.559	nq	93
57) Fluorene	16.52	166	396220	38.834	nq	98
58) 2,3,4,6-Tetrachlorophenol	16.09	232	121347	40.738	nq	# 98
59) Diethylphthalate	16.25	149	428500	39.865	nq	97
60) 4-Chlorophenyl-phenylether	16.50	204	232212	39.593	nq	97
61) 4-Nitroaniline	16.53	138	94876	39.482	nq	# 84
62) Azobenzene	16.79	77	399473	38.365	nq	98
64) 4,6-Dinitro-2-methylphenol	16.58	198	66143	34.239	nq	96
65) n-Nitrosodiphenylamine	16.71	169	359240	38.968	nq	97
66) 4-Bromophenyl-phenylether	17.39	248	149313	39.372	nq	93
67) Hexachlorobenzene	17.52	284	158409	39.579	nq	94
68) Atrazine	17.63	200	144515	38.685	nq	98
69) Pentachlorophenol	17.85	266	103502	37.678	nq	97
70) Phenanthrene	18.26	178	640473	38.084	nq	99
71) Anthracene	18.35	178	652409	38.314	nq	99
72) Carbazole	18.61	167	574641	38.083	nq	99
73) Di-n-butylphthalate	19.10	149	691422	39.367	nq	# 98
74) Fluoranthene	20.21	202	780572	37.507	nq	97
76) Benzidine	20.37	184	325032	36.666	nq	99
77) Pyrene	20.57	202	816752	37.463	nq	99
79) Butylbenzylphthalate	21.43	149	317214	39.429	nq	93
80) Benzo(a)anthracene	22.54	228	787533	37.835	nq	99
81) 3,3'-Dichlorobenzidine	22.43	252	305112	41.193	nq	97
82) Chrysene	22.62	228	776595	38.543	nq	98
83) Bis(2-ethylhexyl)phthalate	22.36	149	447680	40.367	nq	98
84) Di-n-octyl phthalate	23.76	149	720668	42.440	nq	97
85) Indeno(1,2,3-cd)pyrene	30.72	276	889951	40.852	nq	# 90
87) Benzo(b)fluoranthene	25.12	252	771106	36.955	nq	# 97
88) Benzo(k)fluoranthene	25.20	252	775798	36.762	nq	# 98
89) Benzo(a)pyrene	26.15	252	762006	38.028	nq	# 96
90) Dibenzo(a,h)anthracene	30.78	278	727921	38.565	nq	# 95
91) Benzo(g,h,i)perylene	32.09	276	716171	38.317	nq	# 95

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

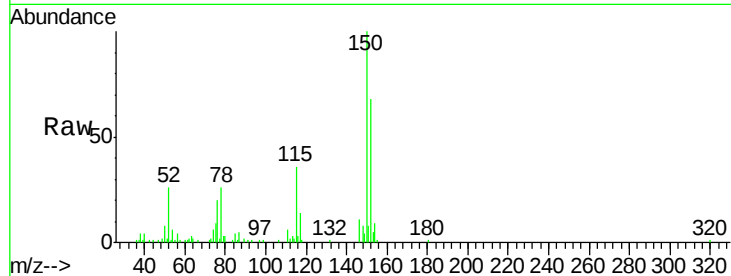


#1

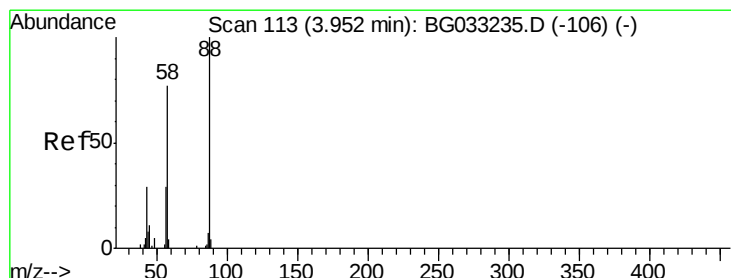
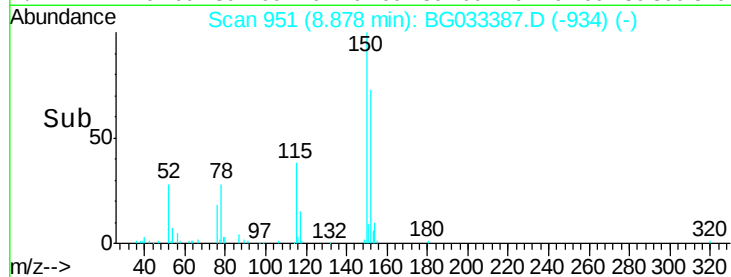
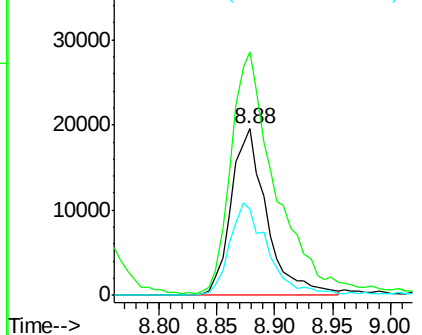
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.88 min Scan# 951
Delta R.T. 0.00 min
Lab File: BG033387.D
Acq: 28 Mar 2018 15:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.3	126.6	189.8
115	52.1	53.0	79.4#



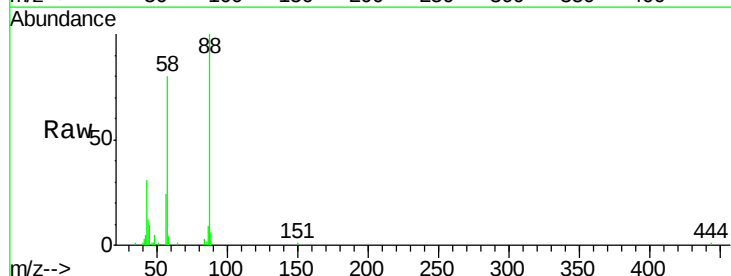
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



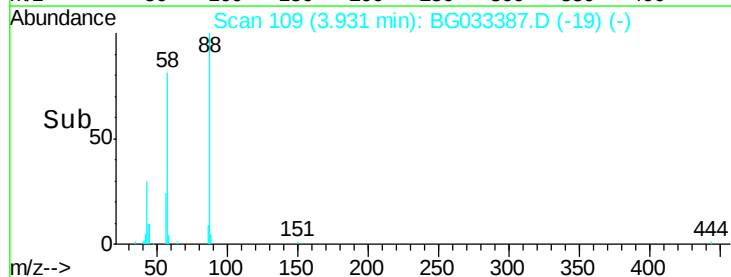
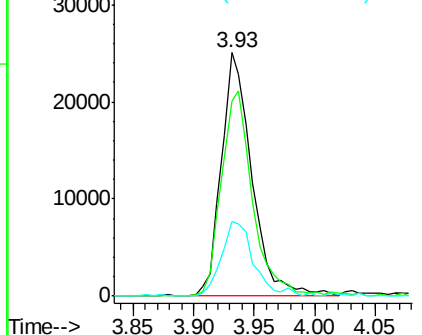
#2

1,4-Dioxane
Concen: 38.742 ng
RT: 3.93 min Scan# 109
Delta R.T. 0.00 min
Lab File: BG033387.D
Acq: 28 Mar 2018 15:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.2	79.6	119.4
43	32.2	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: 40.065 ng

RT: 4.40 min Scan# 188

Delta R.T. 0.00 min

Lab File: BG033387.D

Acq: 28 Mar 2018 15:50

Instrument :

BNA_G

ClientSampleId :

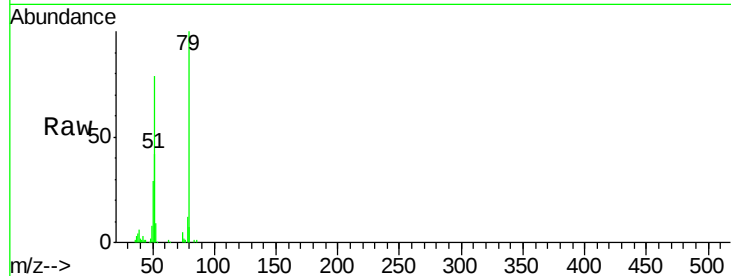
Tot Ion: 79 Resp: 125827

Ion Ratio Lower Upper

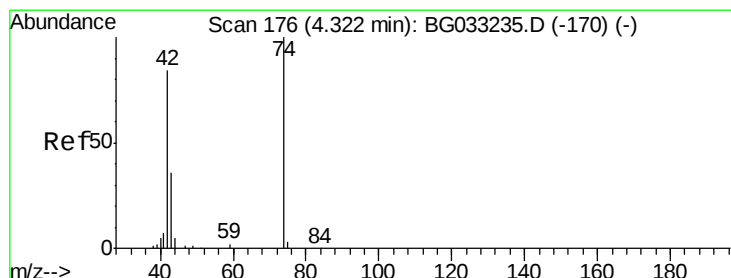
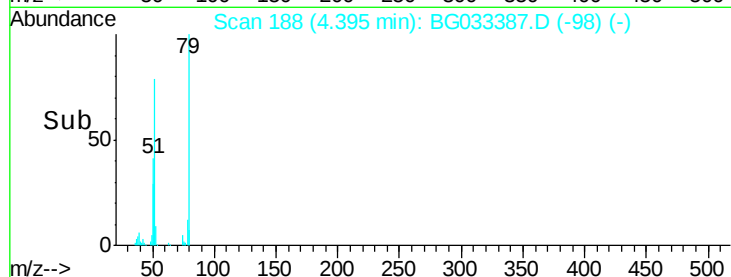
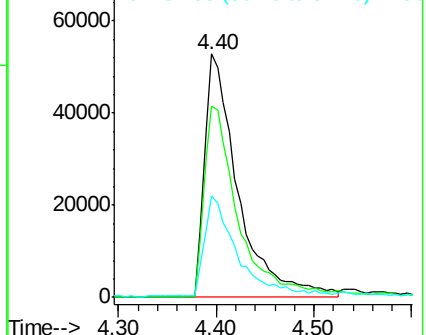
79 100

52 78.6 69.9 104.9

51 41.9 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: 35.715 ng

RT: 4.31 min Scan# 173

Delta R.T. 0.00 min

Lab File: BG033387.D

Acq: 28 Mar 2018 15:50

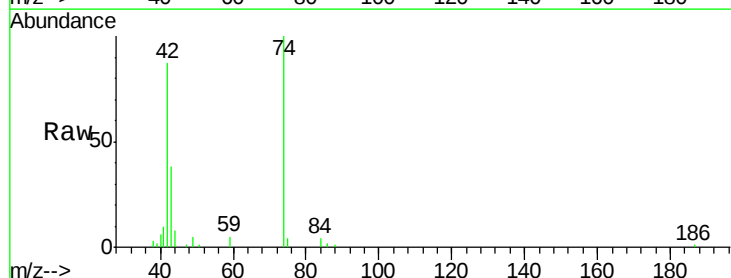
Tgt Ion: 42 Resp: 46031

Ion Ratio Lower Upper

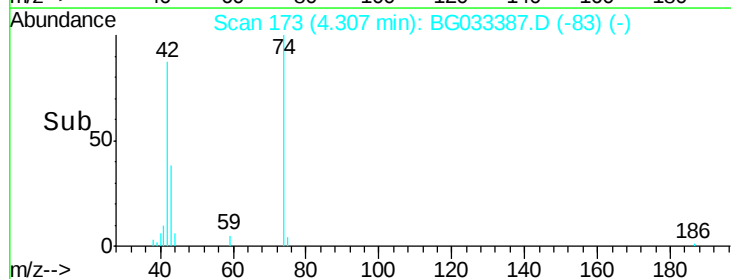
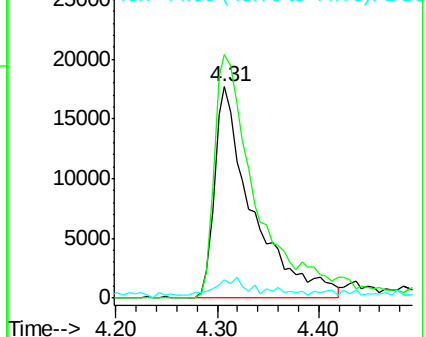
42 100

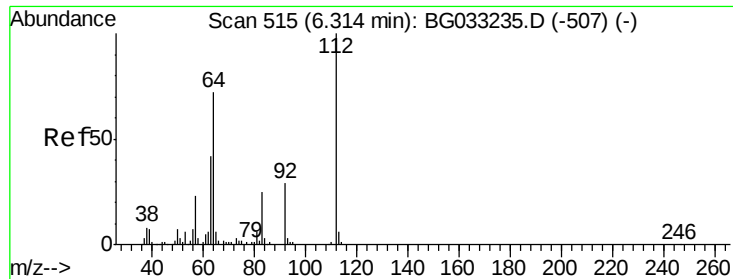
74 115.3 102.5 153.7

44 8.9 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: 78.940 ng

RT: 6.29 min Scan# 511

Delta R.T. 0.00 min

Lab File: BG033387.D

Acq: 28 Mar 2018 15:50

Instrument :

BNA_G

ClientSampleId :

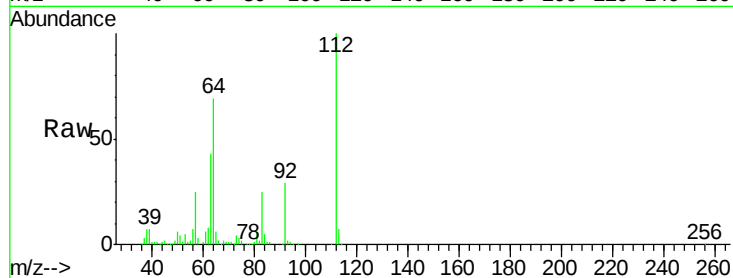
Tot Ion:112 Resp: 176600

Ion Ratio Lower Upper

112 100

64 68.7 56.3 84.5

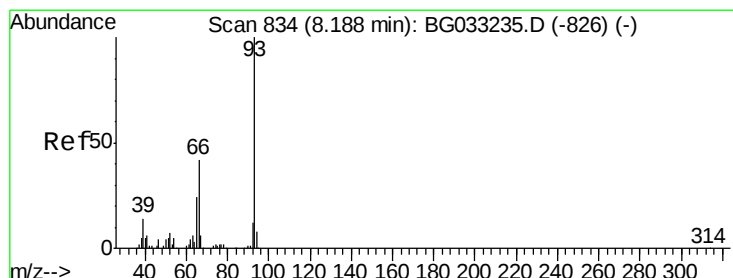
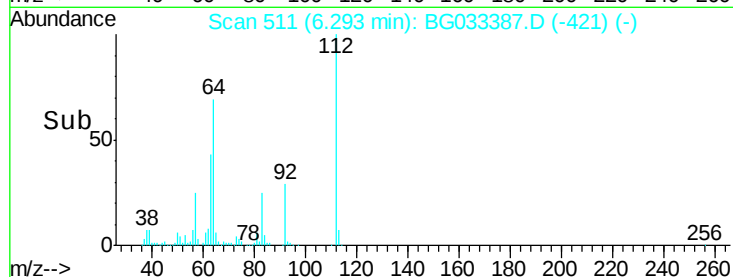
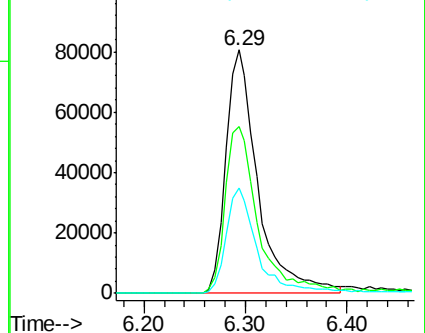
63 43.2 30.1 45.1



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: 38.035 ng

RT: 8.17 min Scan# 830

Delta R.T. 0.00 min

Lab File: BG033387.D

Acq: 28 Mar 2018 15:50

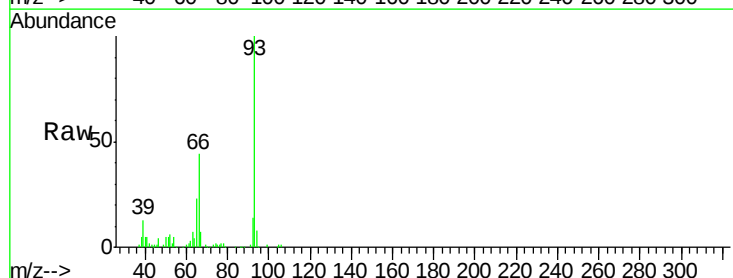
Tgt Ion: 93 Resp: 171930

Ion Ratio Lower Upper

93 100

66 44.2 33.7 50.5

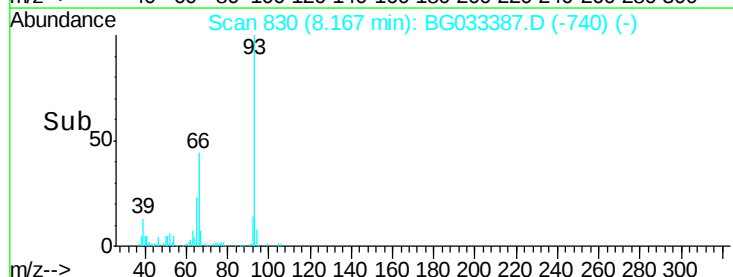
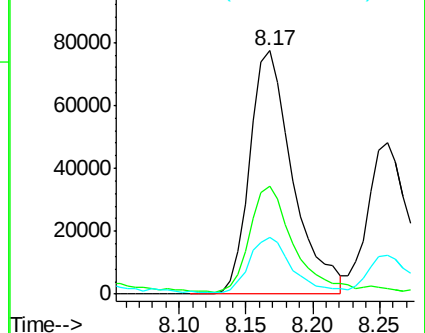
65 23.3 16.1 24.1

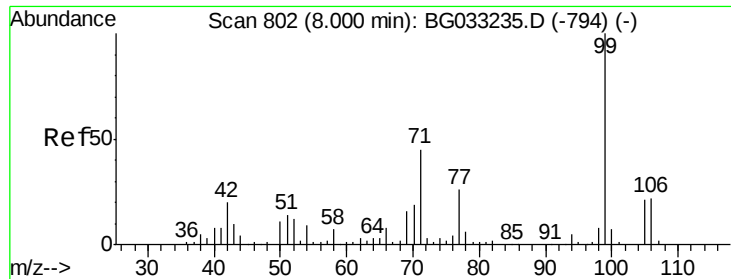


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 76.719 ng

RT: 7.98 min Scan# 798

Delta R.T. 0.00 min

Lab File: BG033387.D

Acq: 28 Mar 2018 15:50

Instrument :

BNA_G

ClientSampleId :

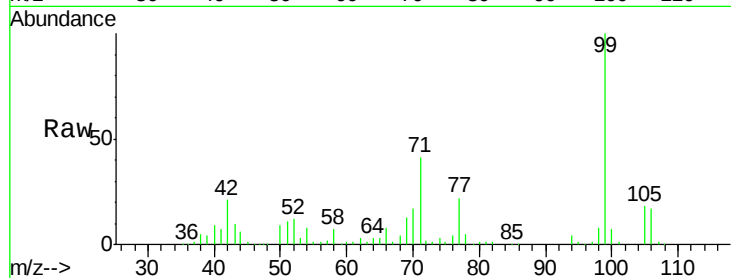
Tot Ion: 99 Resp: 294897

Ion Ratio Lower Upper

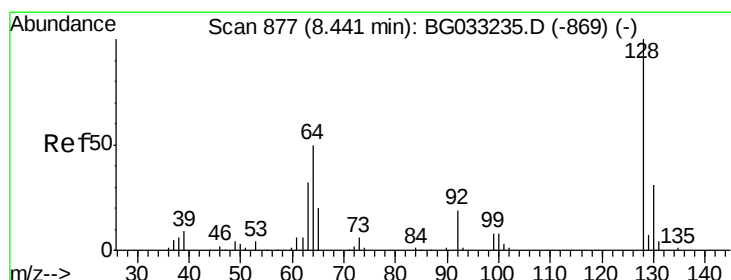
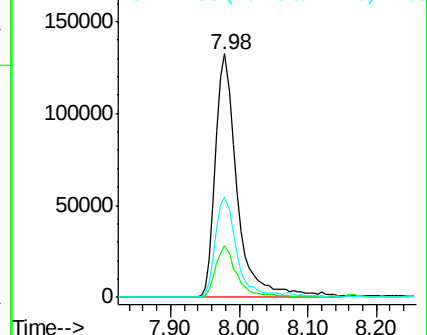
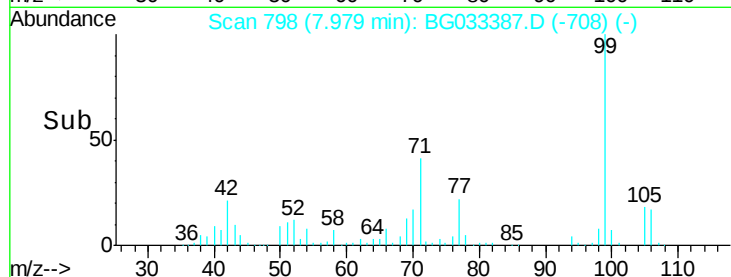
99 100

42 21.0 14.1 21.1

71 41.0 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: 36.846 ng

RT: 8.42 min Scan# 873

Delta R.T. 0.00 min

Lab File: BG033387.D

Acq: 28 Mar 2018 15:50

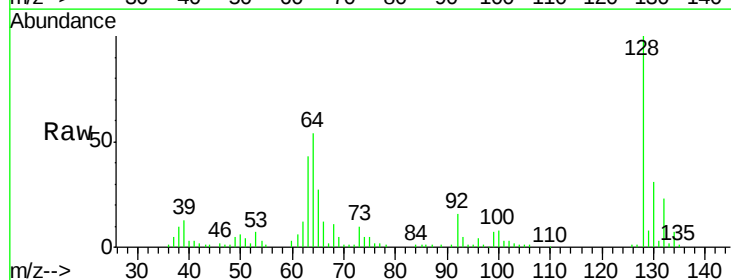
Tgt Ion: 128 Resp: 94236

Ion Ratio Lower Upper

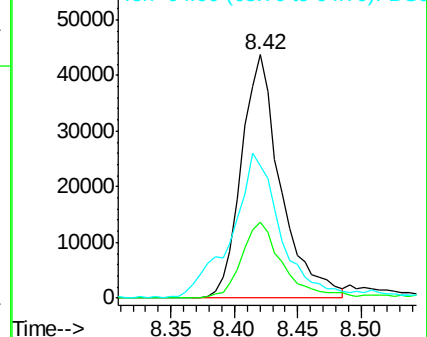
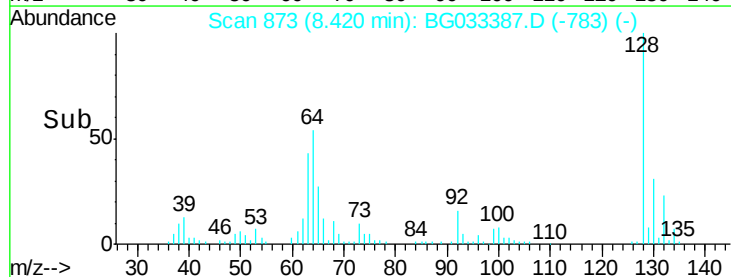
128 100

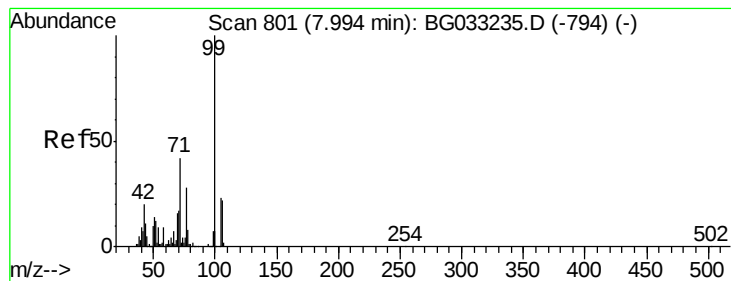
130 31.0 14.0 54.0

64 54.2 37.7 77.7



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





#9

Benzaldehyde

Concen: 31.069 ng

RT: 7.98 min Scan# 798

Delta R.T. 0.00 min

Lab File: BG033387.D

Acq: 28 Mar 2018 15:50

Instrument :

BNA_G

ClientSampleId :

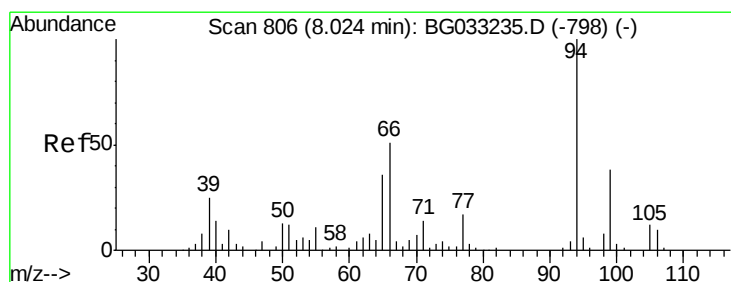
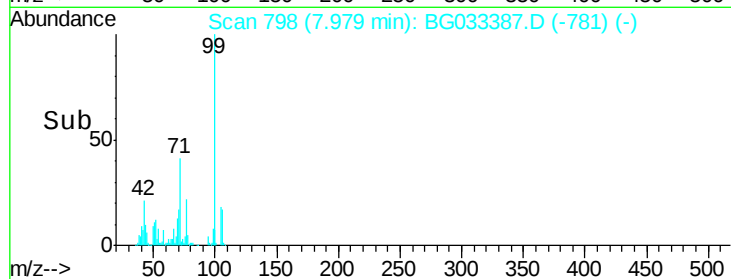
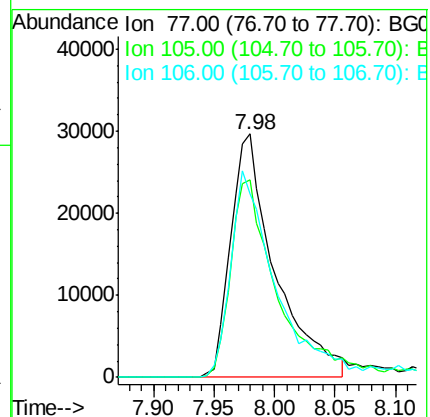
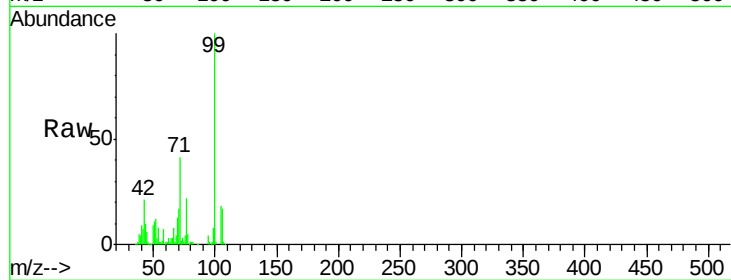
Tot Ion: 77 Resp: 75896

Ion Ratio Lower Upper

77 100

105 81.1 71.3 111.3

106 75.2 64.2 104.2



#10

Phenol

Concen: 37.407 ng

RT: 8.01 min Scan# 803

Delta R.T. 0.00 min

Lab File: BG033387.D

Acq: 28 Mar 2018 15:50

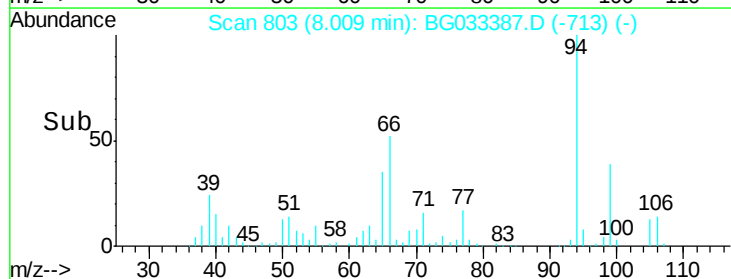
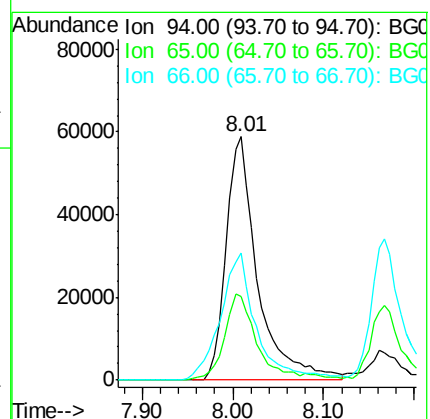
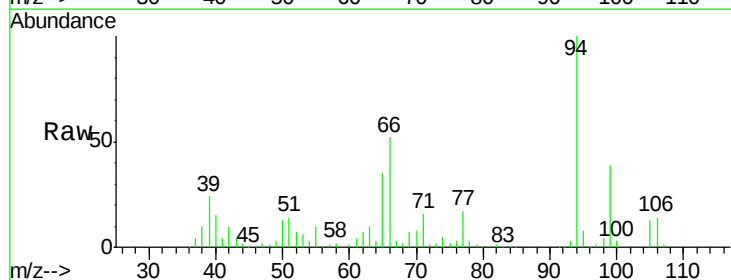
Tgt Ion: 94 Resp: 141964

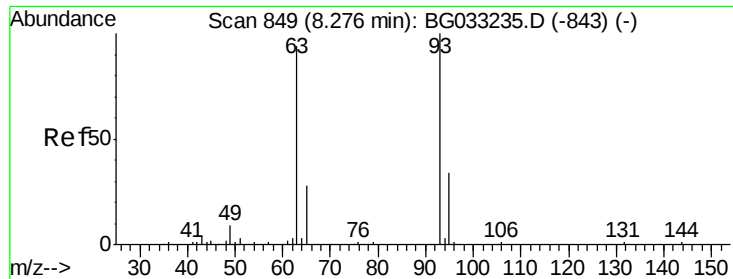
Ion Ratio Lower Upper

94 100

65 34.6 11.9 51.9

66 52.4 22.2 62.2

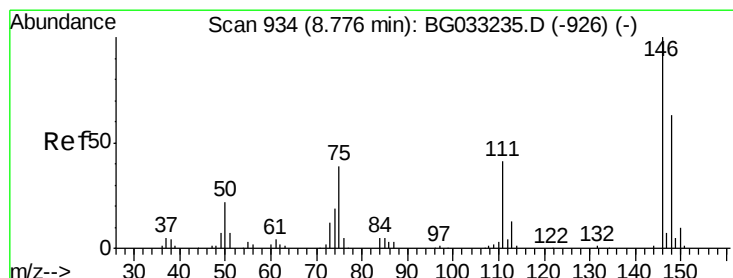
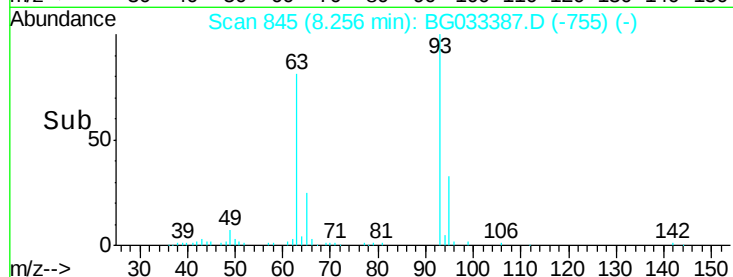
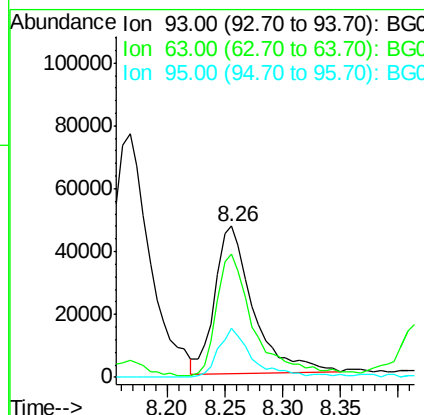
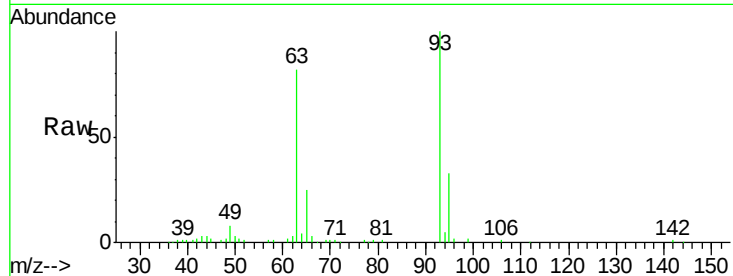




#11
bis(2-Chloroethyl)ether
Concen: 34.995 ng
RT: 8.26 min Scan# 845
Delta R.T. 0.00 min
Lab File: BG033387.D
Acq: 28 Mar 2018 15:50

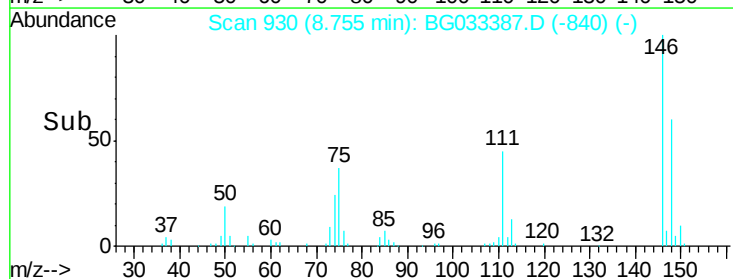
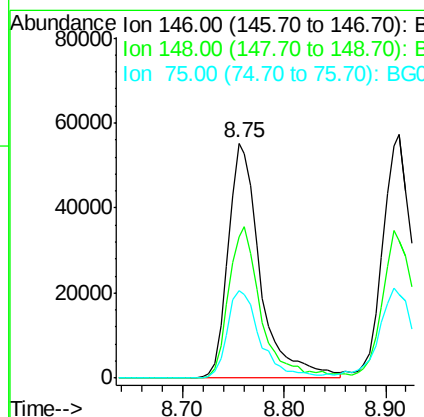
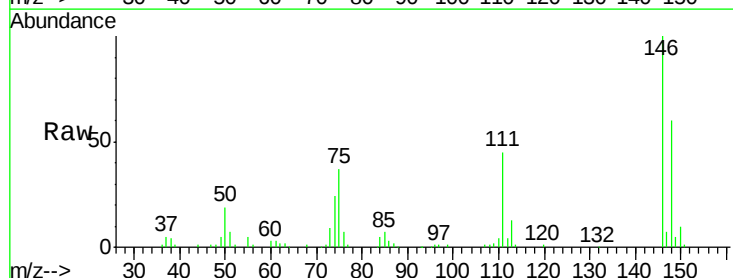
Instrument :
BNA_G
ClientSampled :

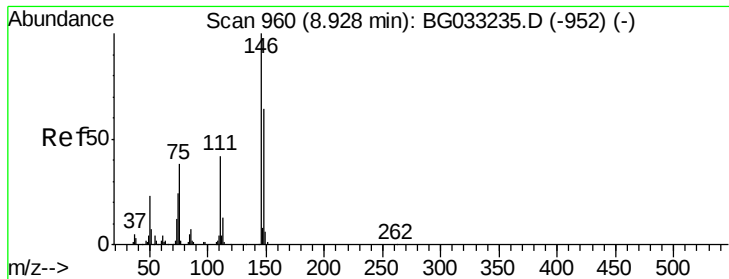
Tot Ion: 93 Resp: 108403
Ion Ratio Lower Upper
93 100
63 81.5 67.1 107.1
95 32.6 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 36.299 ng
RT: 8.75 min Scan# 930
Delta R.T. 0.00 min
Lab File: BG033387.D
Acq: 28 Mar 2018 15:50

Tgt Ion: 146 Resp: 121372
Ion Ratio Lower Upper
146 100
148 60.2 51.4 77.2
75 37.1 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 36.693 ng

RT: 8.91 min Scan# 957

Delta R.T. 0.00 min

Lab File: BG033387.D

Acq: 28 Mar 2018 15:50

Instrument :

BNA_G

ClientSampleId :

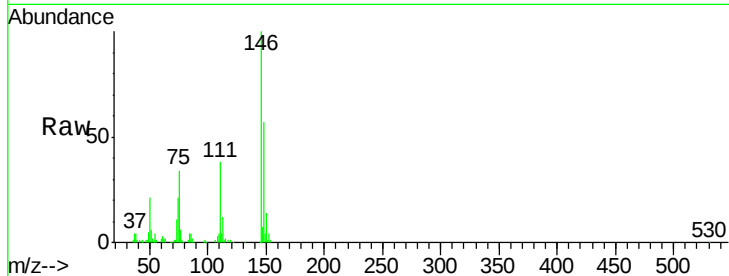
Tot Ion:146 Resp: 122872

Ion Ratio Lower Upper

146 100

148 56.6 53.7 80.5

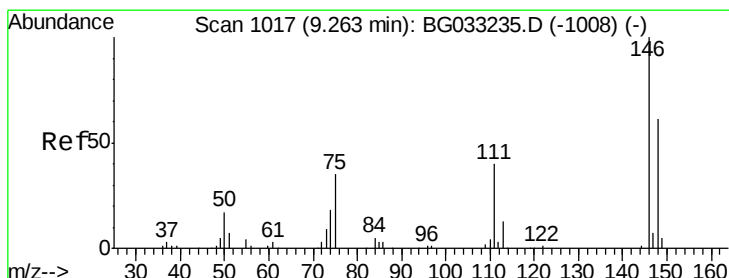
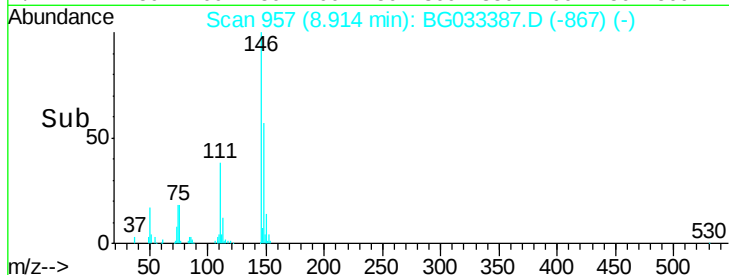
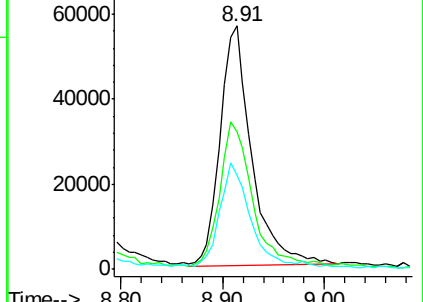
111 38.5 35.2 52.8



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: 36.558 ng

RT: 9.24 min Scan# 1012

Delta R.T. 0.00 min

Lab File: BG033387.D

Acq: 28 Mar 2018 15:50

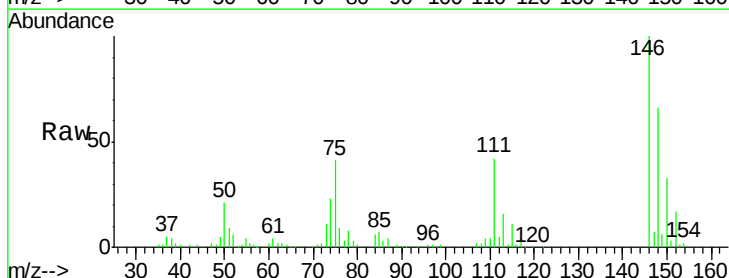
Tgt Ion:146 Resp: 119483

Ion Ratio Lower Upper

146 100

148 65.8 49.3 73.9

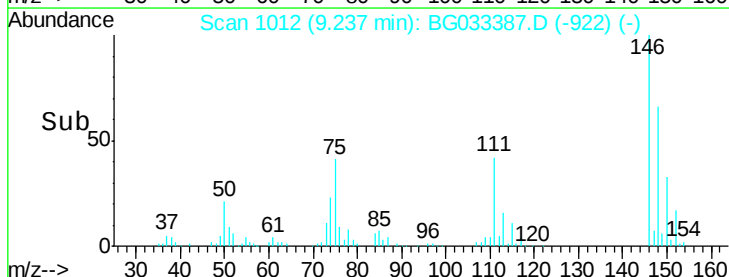
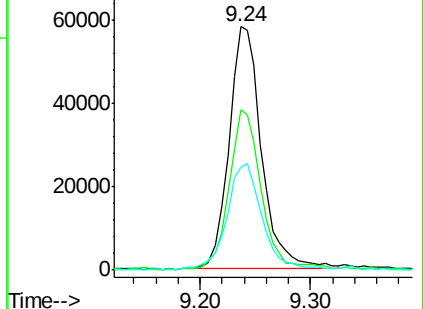
111 42.2 34.3 51.5

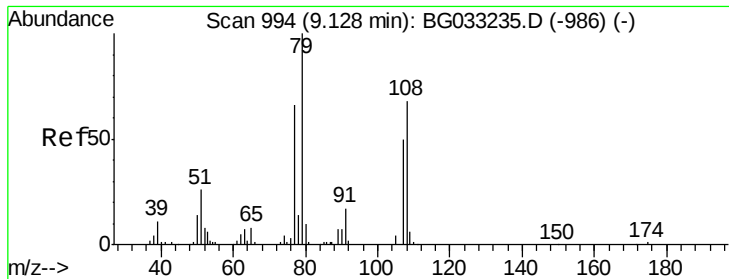


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.585 ng

RT: 9.11 min Scan# 990

Delta R.T. 0.00 min

Lab File: BG033387.D

Acq: 28 Mar 2018 15:50

Instrument :

BNA_G

ClientSampled :

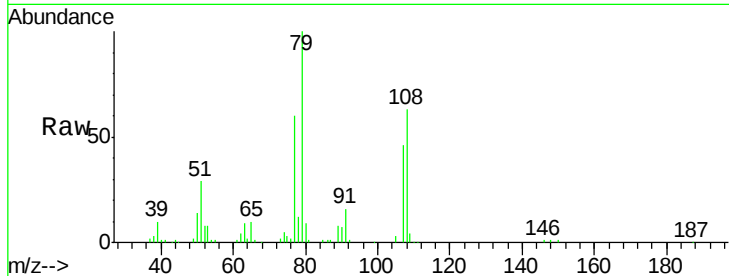
Tot Ion: 79 Resp: 116775

Ion Ratio Lower Upper

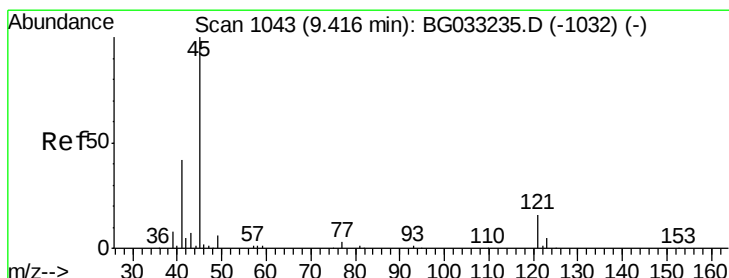
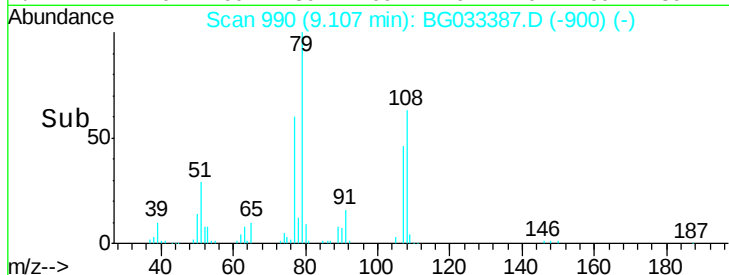
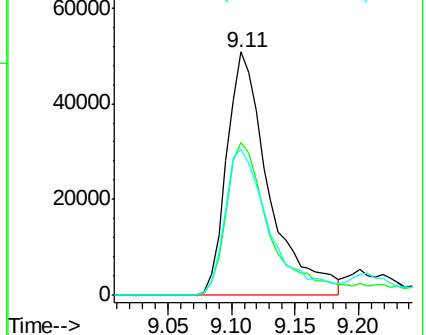
79 100

108 62.8 57.2 85.8

77 60.2 46.1 69.1



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.767 ng

RT: 9.39 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BG033387.D

Acq: 28 Mar 2018 15:50

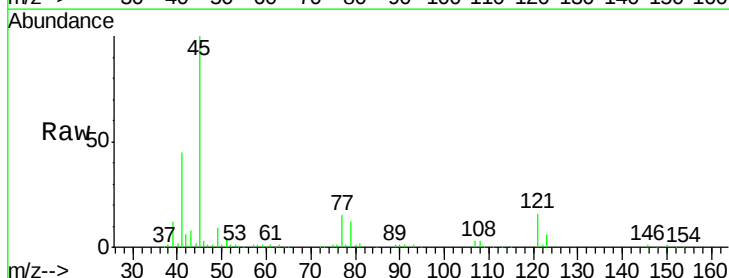
Tgt Ion: 45 Resp: 180616

Ion Ratio Lower Upper

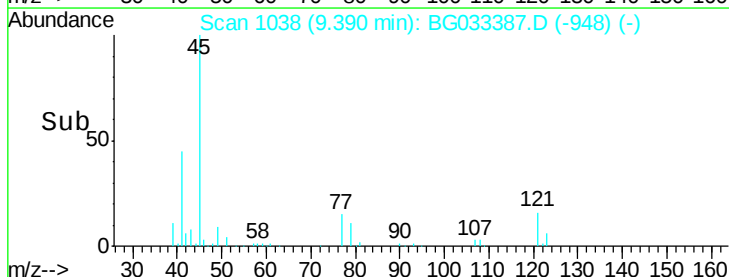
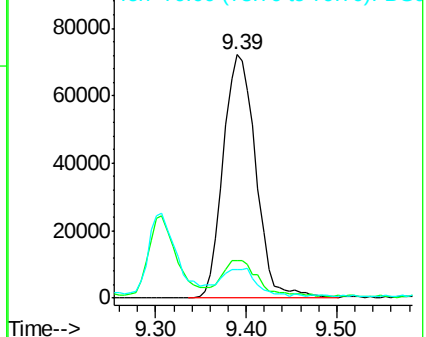
45 100

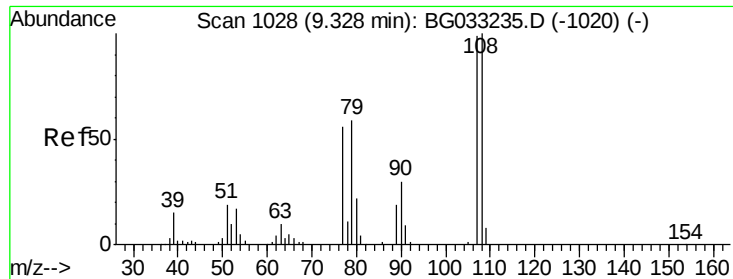
77 15.5 0.0 30.2

79 11.7 0.0 27.9



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

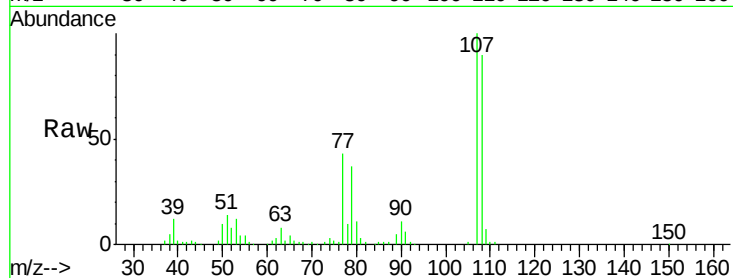




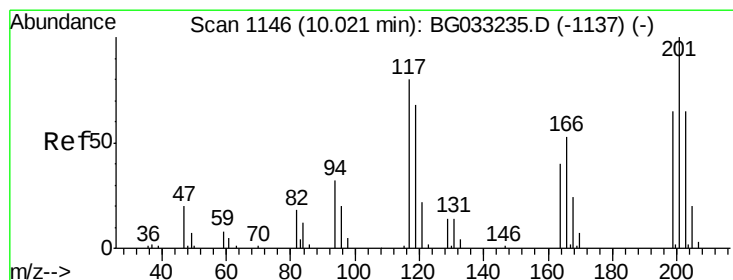
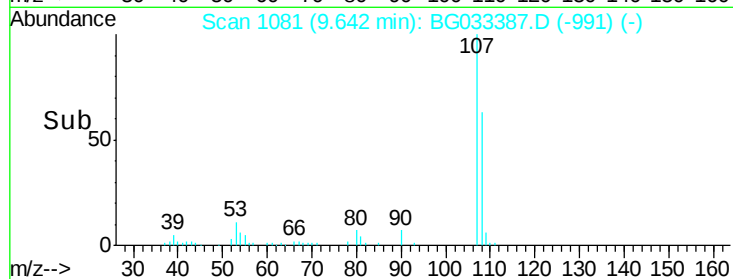
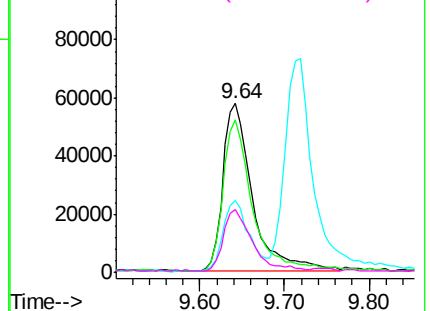
#17
2-Methylphenol
Concen: 54.463 ng
RT: 9.64 min Scan# 1081
Delta R.T. 0.00 min
Lab File: BG033387.D
Acq: 28 Mar 2018 15:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 140804
Ion Ratio Lower Upper
107 100
108 90.1 83.9 125.9
77 42.9 37.2 55.8
79 37.3 36.2 54.2

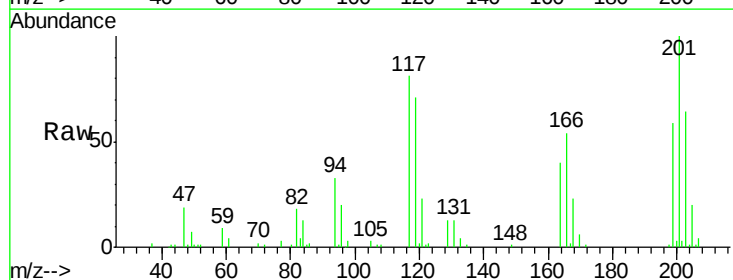


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

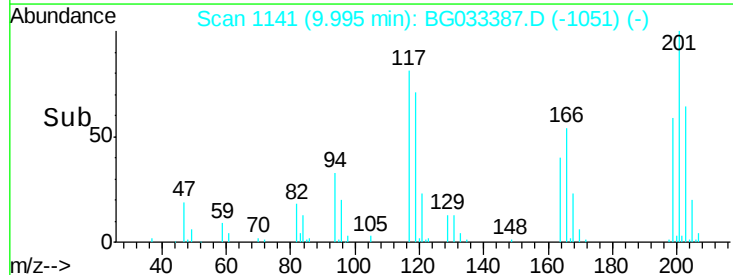
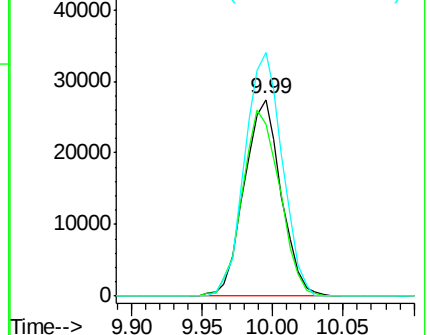


#18
Hexachloroethane
Concen: 38.807 ng
RT: 9.99 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BG033387.D
Acq: 28 Mar 2018 15:50

Tgt Ion:117 Resp: 50156
Ion Ratio Lower Upper
117 100
119 87.4 76.7 115.1
201 127.2 95.7 143.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

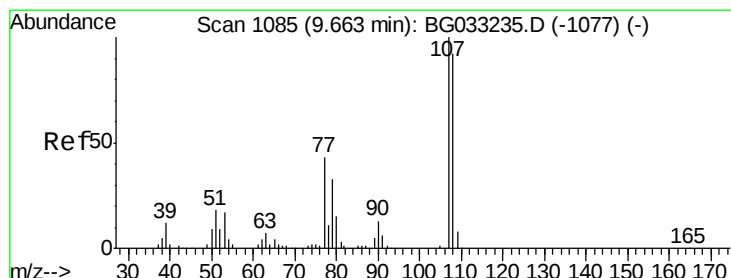
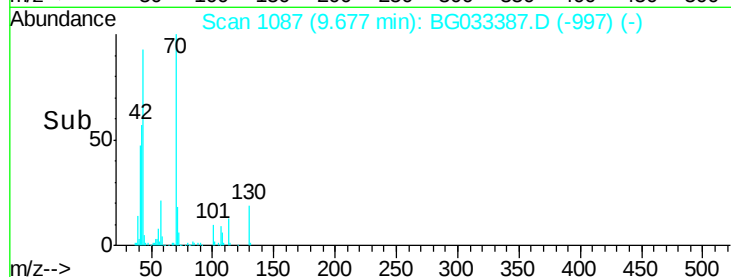
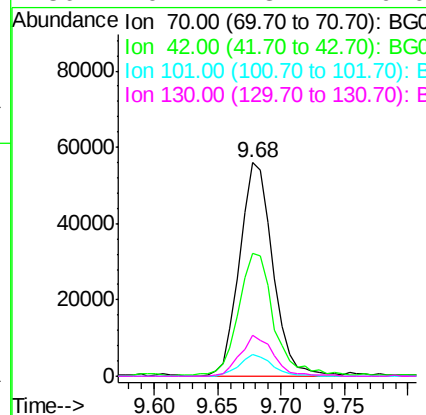
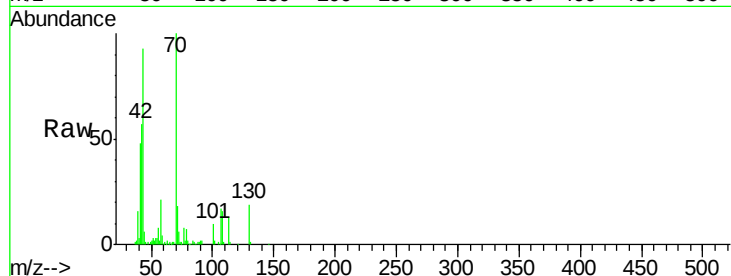




#19
n-Nitroso-di-n-propylamine
Concen: 36.200 ng
RT: 9.68 min Scan# 1087
Delta R.T. 0.00 min
Lab File: BG033387.D
Acq: 28 Mar 2018 15:50

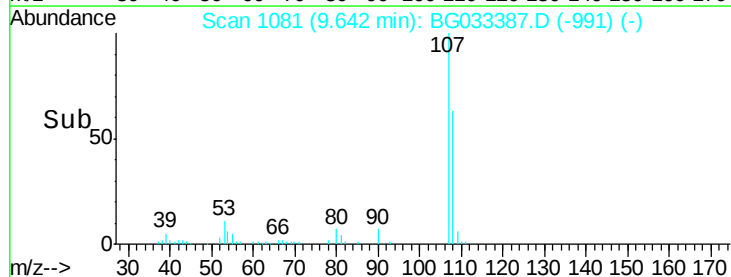
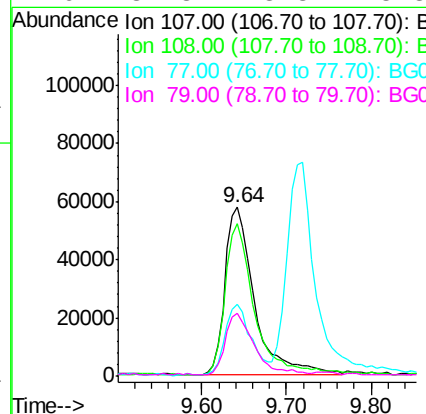
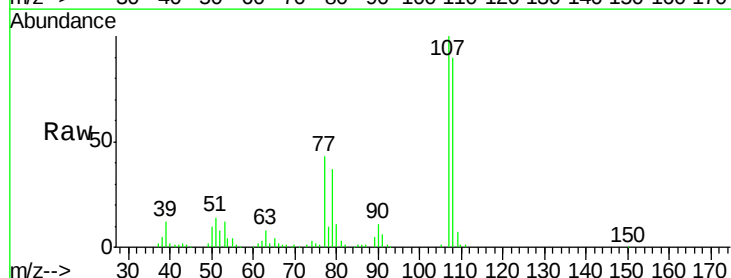
Instrument :
BNA_G
ClientSampleId :

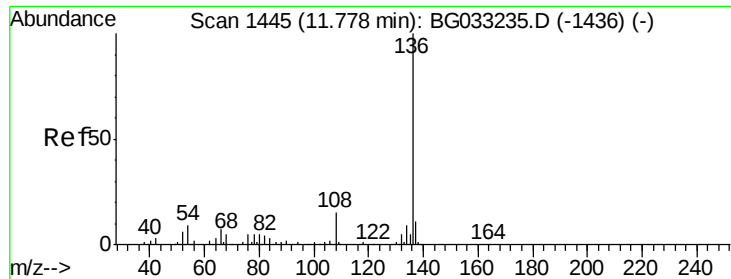
Tot Ion:	70	Resp:	101961
Ion	Ratio	Lower	Upper
70	100		
42	57.3	49.1	73.7
101	10.2	8.5	12.7
130	19.1	13.4	20.0



#20
3+4-Methylphenols
Concen: 38.252 ng
RT: 9.64 min Scan# 1081
Delta R.T. 0.00 min
Lab File: BG033387.D
Acq: 28 Mar 2018 15:50

Tgt Ion:	107	Resp:	140804
Ion	Ratio	Lower	Upper
107	100		
108	90.1	61.6	101.6
77	42.9	13.9	53.9
79	37.3	8.8	48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.76 min Scan# 1441

Delta R.T. 0.00 min

Lab File: BG033387.D

Acq: 28 Mar 2018 15:50

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 172417

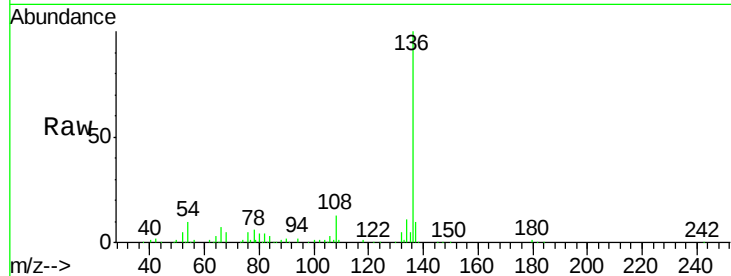
Ion Ratio Lower Upper

136 100

137 10.4 9.2 13.8

54 10.2 10.3 15.5#

68 4.9 4.5 6.7

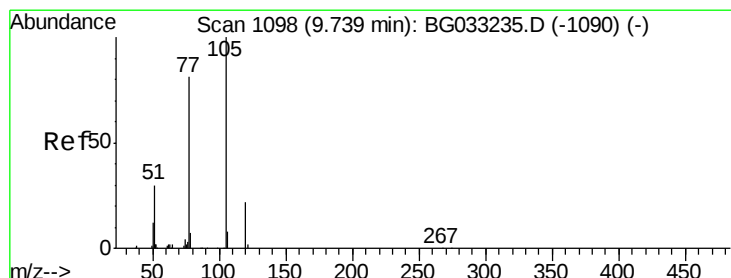
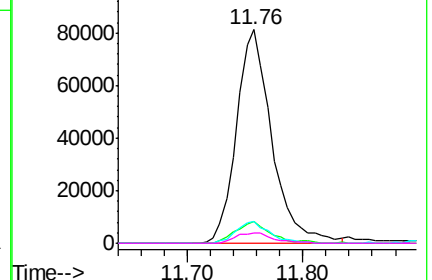
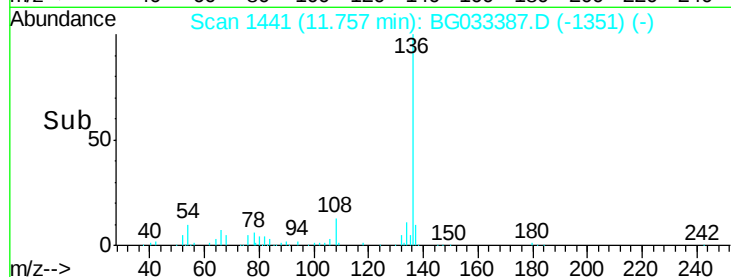


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.481 ng

RT: 9.71 min Scan# 1093

Delta R.T. 0.00 min

Lab File: BG033387.D

Acq: 28 Mar 2018 15:50

Tgt Ion:105 Resp: 186493

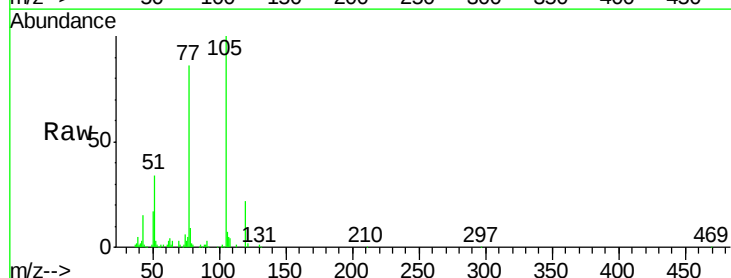
Ion Ratio Lower Upper

105 100

71 1.0 3.0 4.4#

51 33.6 26.1 39.1

120 22.4 17.4 26.2

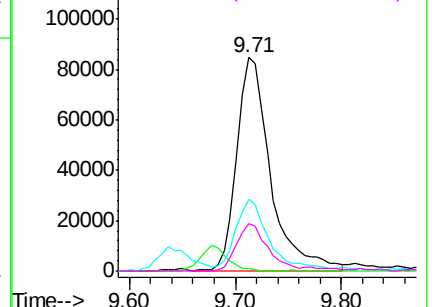
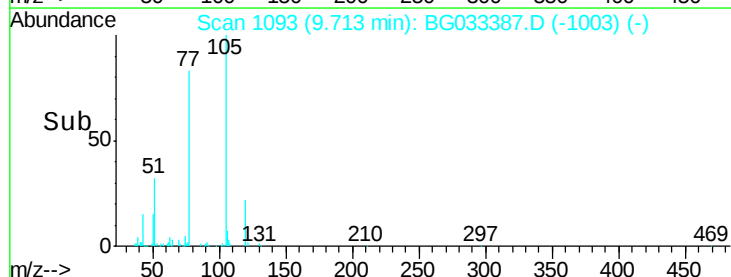


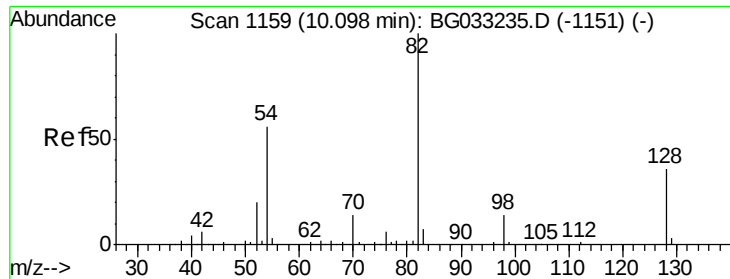
Abundance Ion 105.00 (104.70 to 105.70): E

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: 78.764 ng

RT: 10.08 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BG033387.D

Acq: 28 Mar 2018 15:50

Instrument :

BNA_G

ClientSampleId :

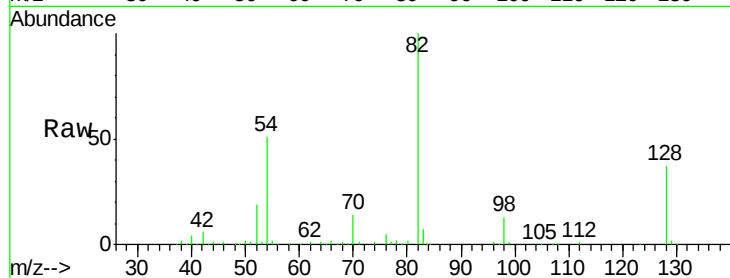
Tot Ion: 82 Resp: 295584

Ion Ratio Lower Upper

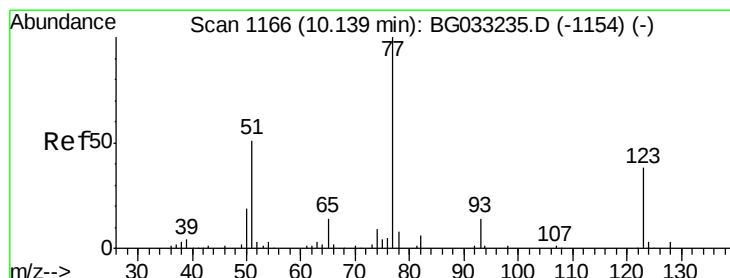
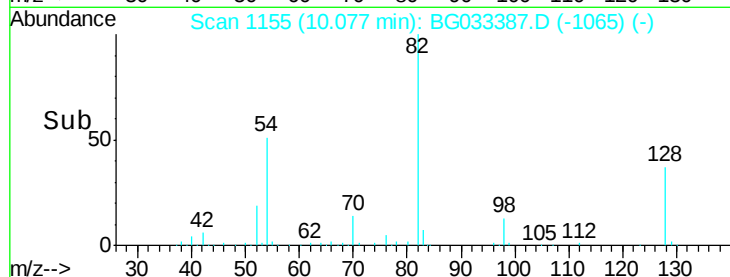
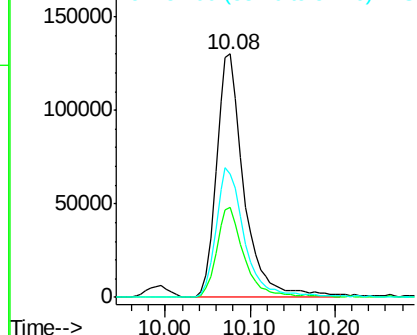
82 100

128 36.7 29.7 44.5

54 50.5 43.1 64.7



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



#24

Nitrobenzene

Concen: 40.074 ng

RT: 10.12 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BG033387.D

Acq: 28 Mar 2018 15:50

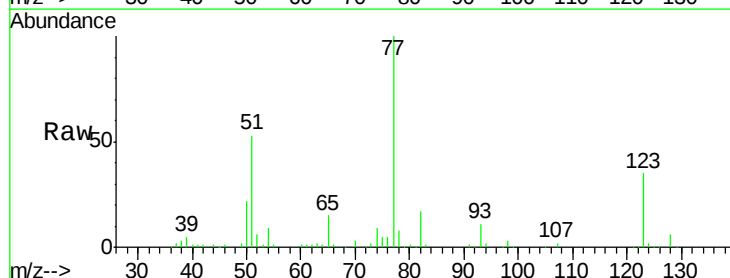
Tgt Ion: 77 Resp: 160971

Ion Ratio Lower Upper

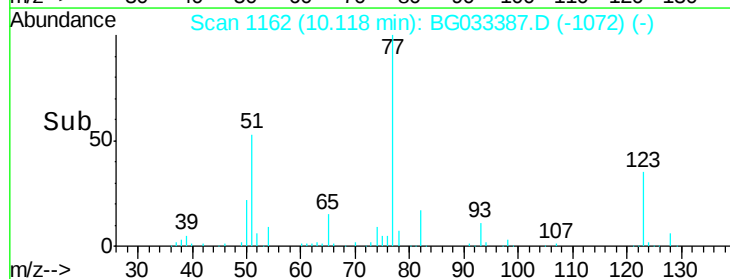
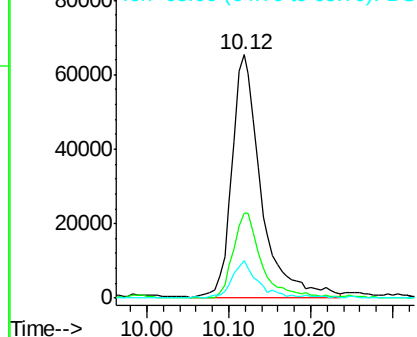
77 100

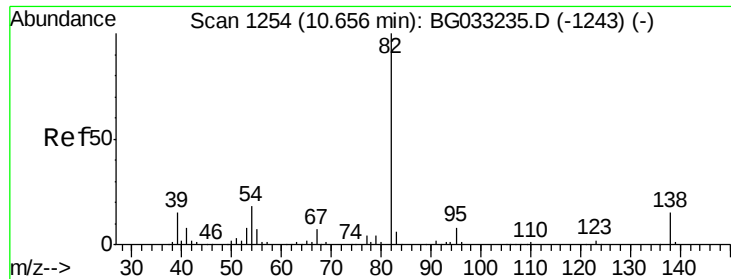
123 34.8 33.0 49.6

65 15.3 13.0 19.6



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





#25

Isophorone

Concen: 39.432 ng

RT: 10.64 min Scan# 1250

Delta R.T. 0.00 min

Lab File: BG033387.D

Acq: 28 Mar 2018 15:50

Instrument :

BNA_G

ClientSampleId :

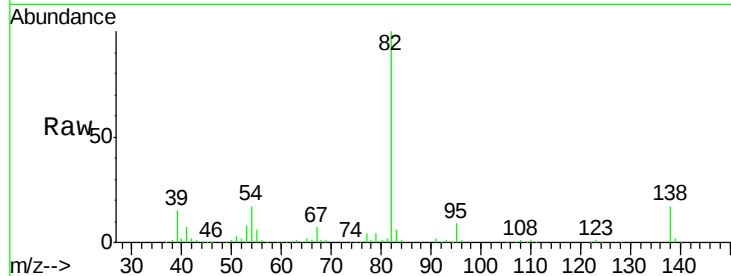
Tot Ion: 82 Resp: 287206

Ion Ratio Lower Upper

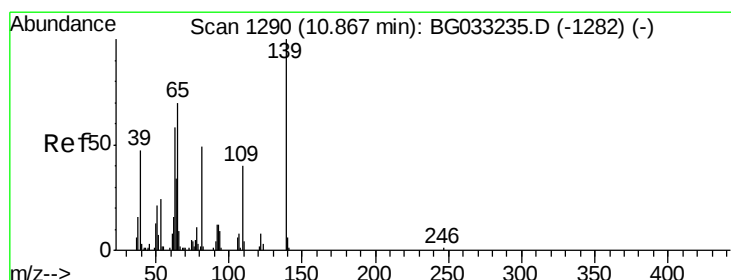
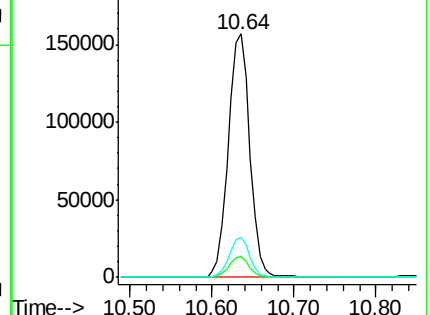
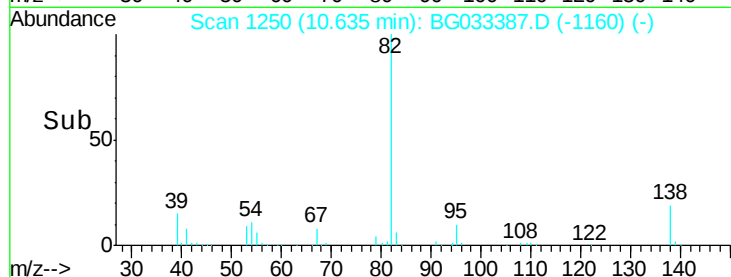
82 100

95 8.8 6.2 9.2

138 16.6 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: 41.937 ng

RT: 10.84 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BG033387.D

Acq: 28 Mar 2018 15:50

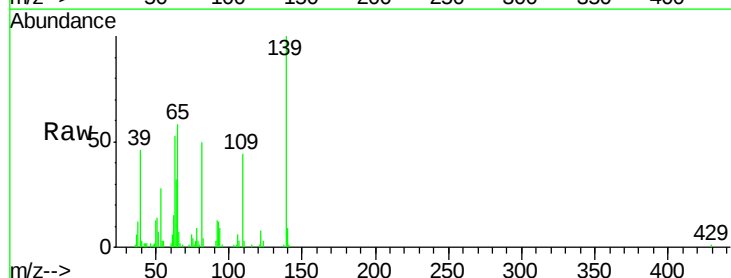
Tgt Ion: 139 Resp: 63775

Ion Ratio Lower Upper

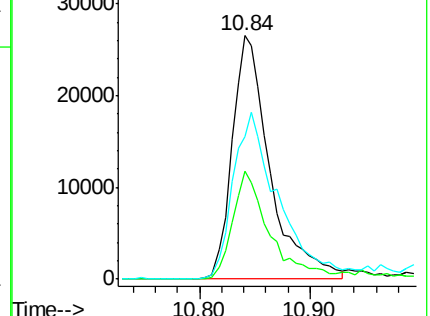
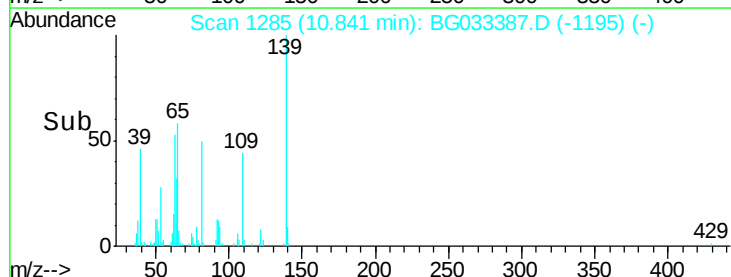
139 100

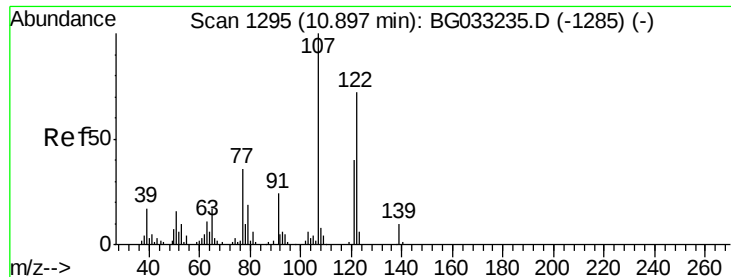
109 44.5 24.2 36.2#

65 58.3 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

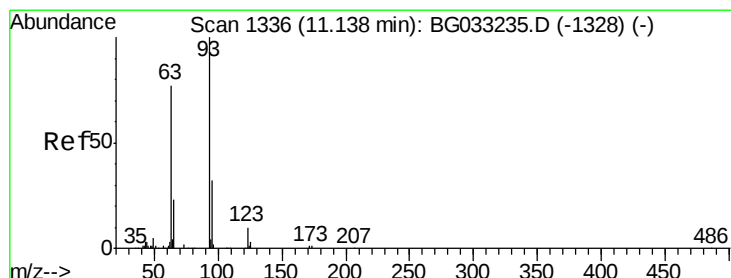
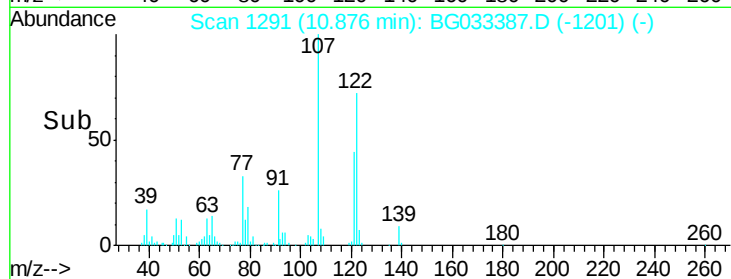
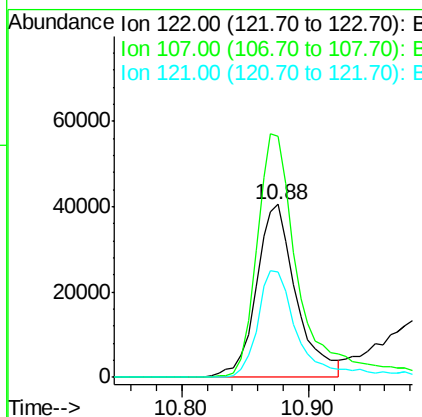
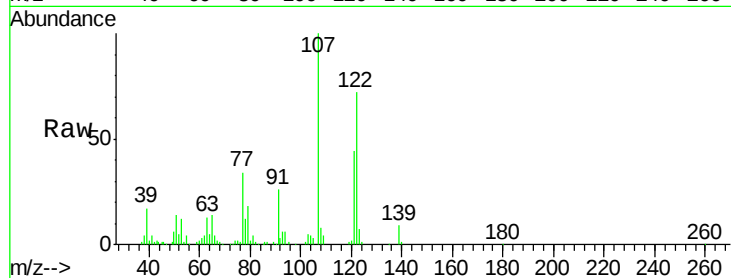




#27
 2,4-Dimethylphenol
 Concen: 40.058 ng
 RT: 10.88 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: BG033387.D
 Acq: 28 Mar 2018 15:50

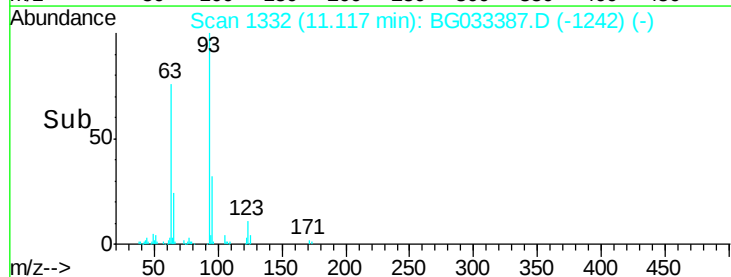
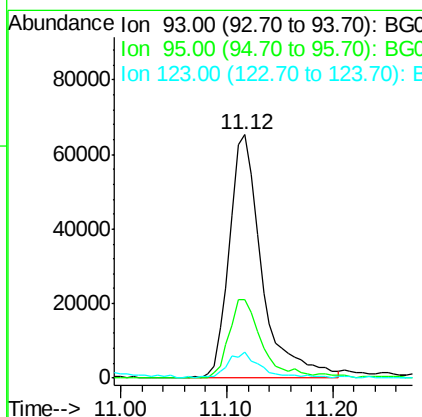
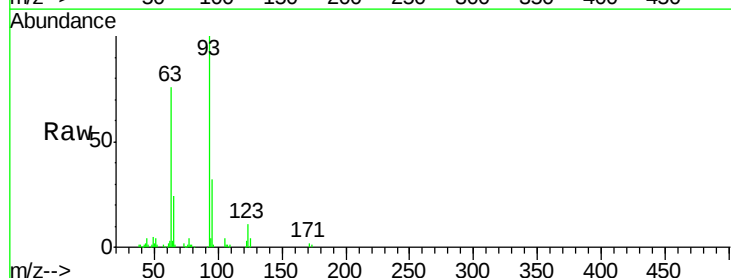
Instrument :
 BNA_G
 ClientSampleId :

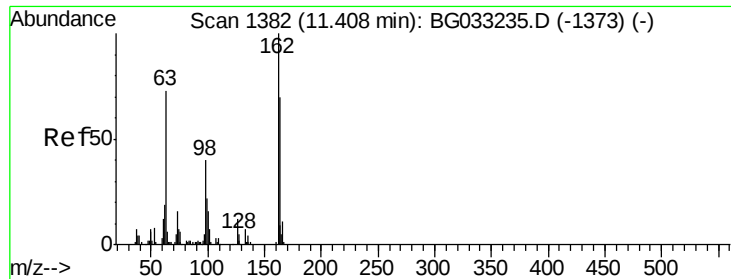
Tot Ion:122 Resp: 88495
 Ion Ratio Lower Upper
 122 100
 107 139.4 100.2 150.2
 121 61.0 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.399 ng
 RT: 11.12 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BG033387.D
 Acq: 28 Mar 2018 15:50

Tgt Ion: 93 Resp: 139547
 Ion Ratio Lower Upper
 93 100
 95 32.3 24.3 36.5
 123 10.8 8.4 12.6

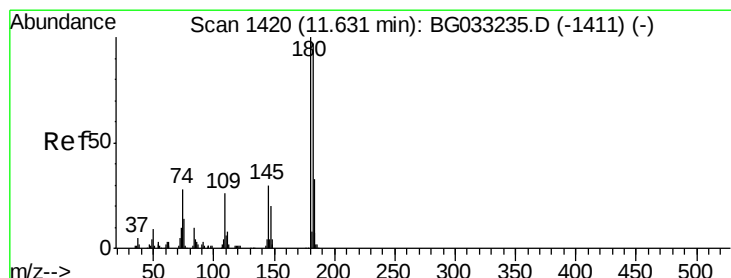
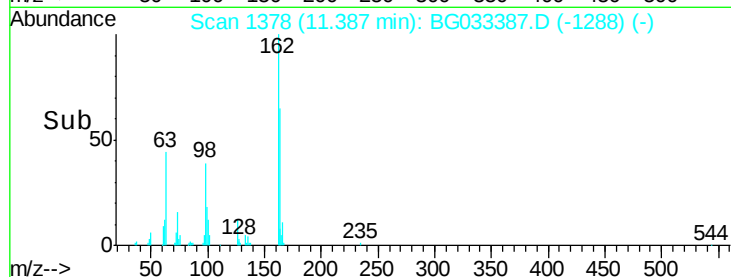
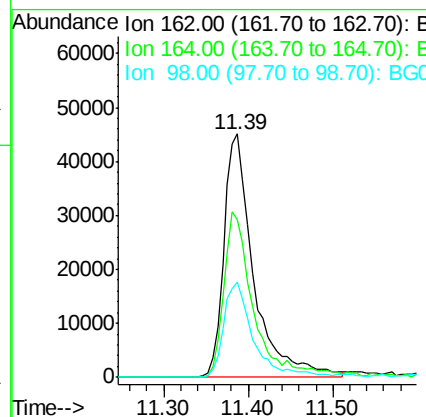
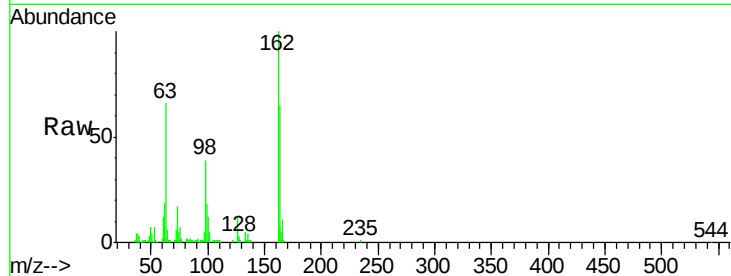




#29
 2,4-Dichlorophenol
 Concen: 40.683 ng
 RT: 11.39 min Scan# 1378
 Delta R.T. 0.00 min
 Lab File: BG033387.D
 Acq: 28 Mar 2018 15:50

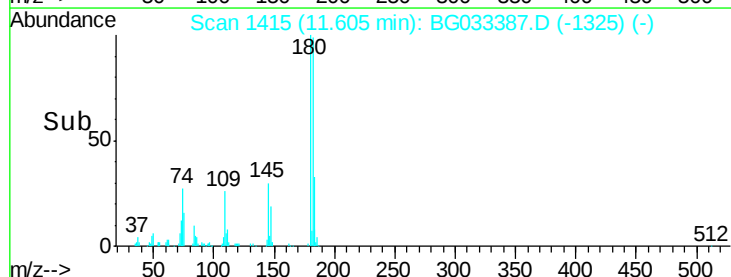
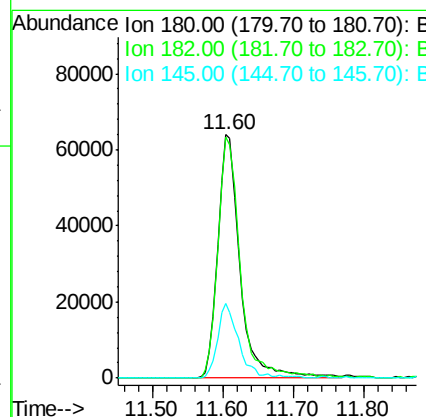
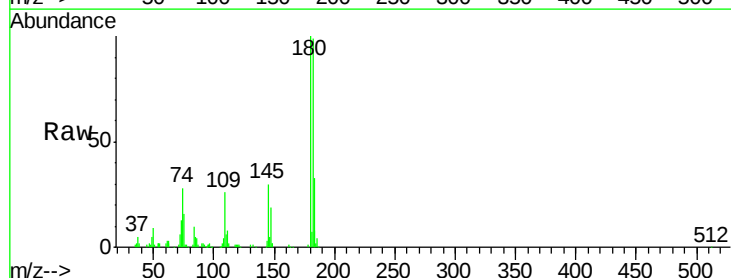
Instrument :
 BNA_G
 ClientSampleId :

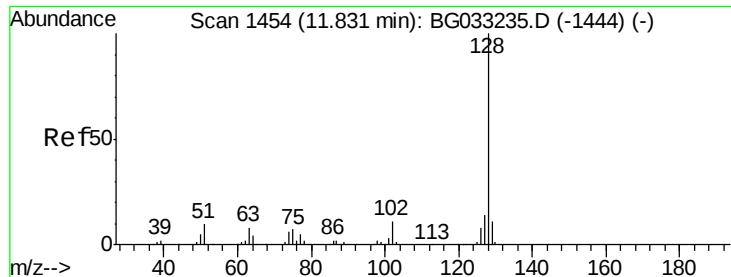
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	48.0	88.0
98	39.2	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.788 ng
 RT: 11.60 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: BG033387.D
 Acq: 28 Mar 2018 15:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.2	77.5	116.3
145	30.5	23.4	35.2

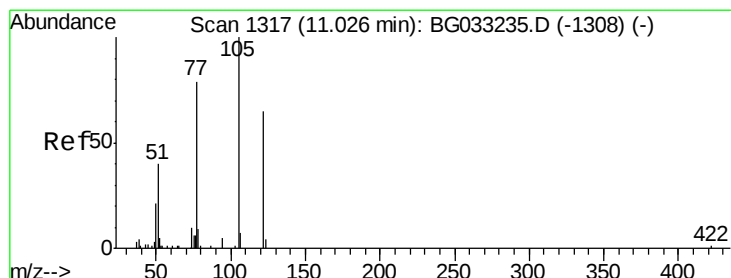
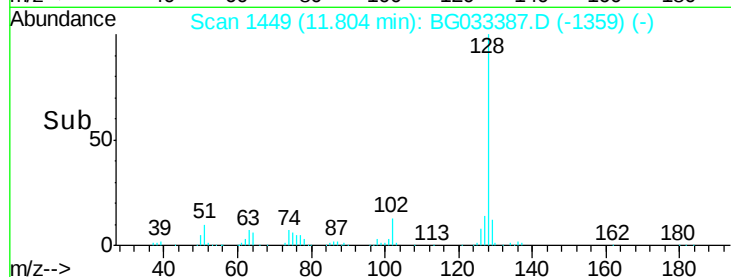
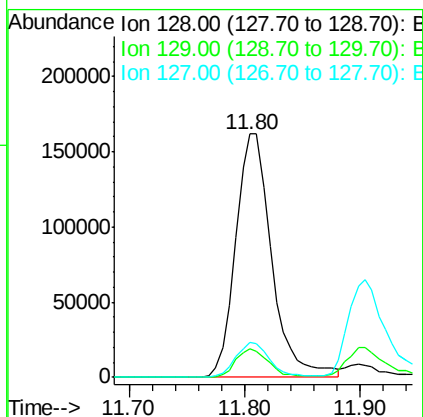
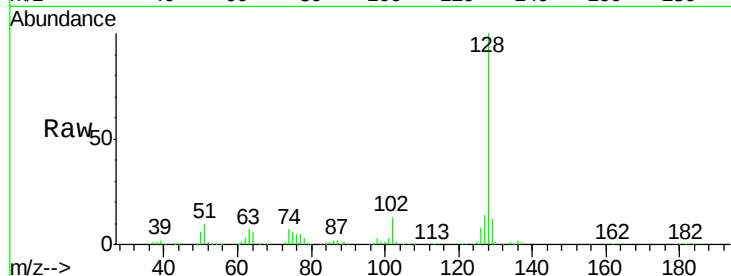




#31
Naphthalene
Concen: 39.247 ng
RT: 11.80 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BG033387.D
Acq: 28 Mar 2018 15:50

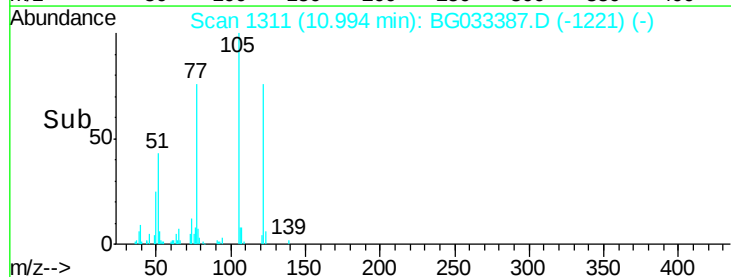
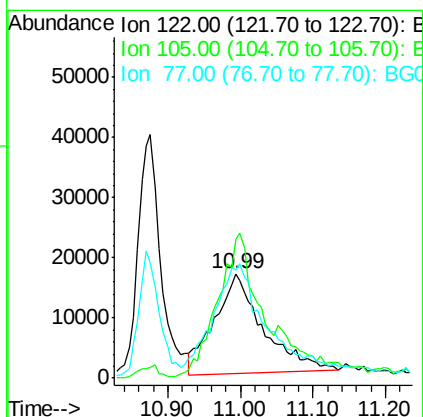
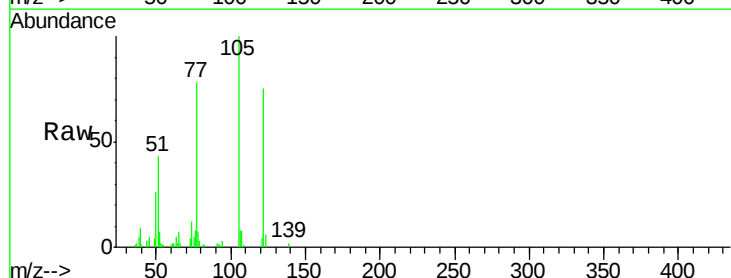
Instrument :
BNA_G
ClientSampleId :

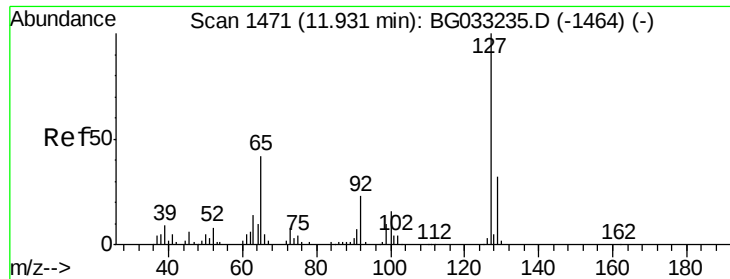
Tot Ion:128 Resp: 350664
Ion Ratio Lower Upper
128 100
129 11.5 8.6 12.8
127 14.3 11.6 17.4



#32
Benzoic acid
Concen: 37.509 ng
RT: 10.99 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BG033387.D
Acq: 28 Mar 2018 15:50

Tgt Ion:122 Resp: 77031
Ion Ratio Lower Upper
122 100
105 133.0 123.5 163.5
77 103.5 85.7 125.7

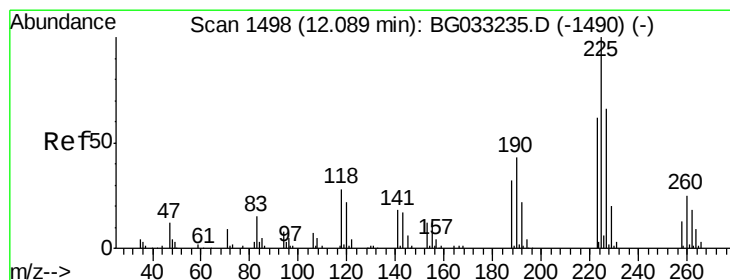
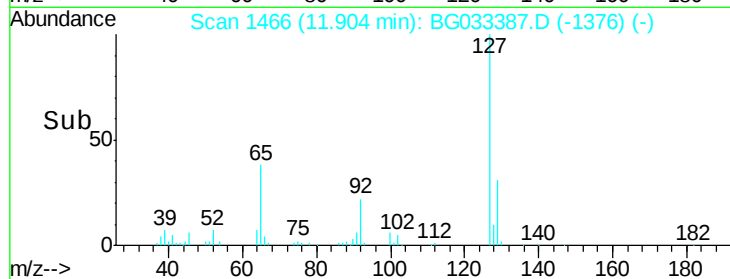
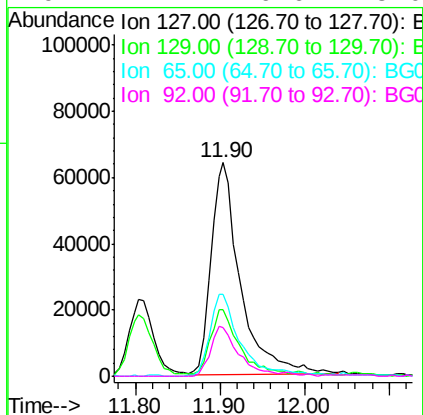
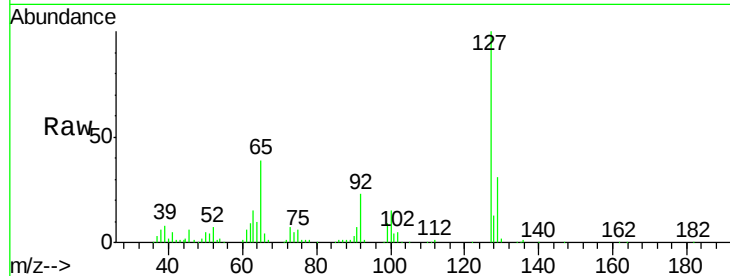




#33
 4-Chloroaniline
 Concen: 38.780 ng
 RT: 11.90 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BG033387.D
 Acq: 28 Mar 2018 15:50

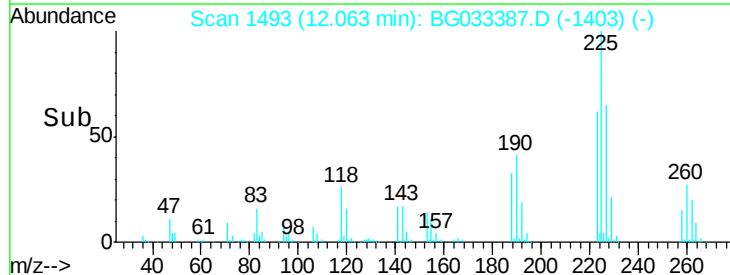
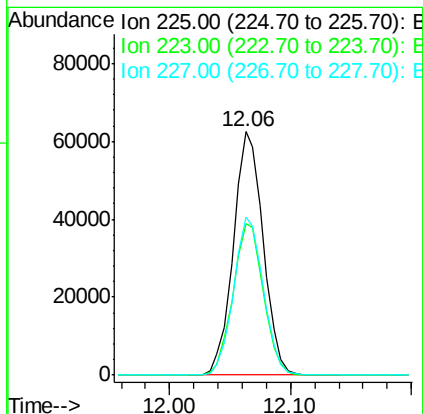
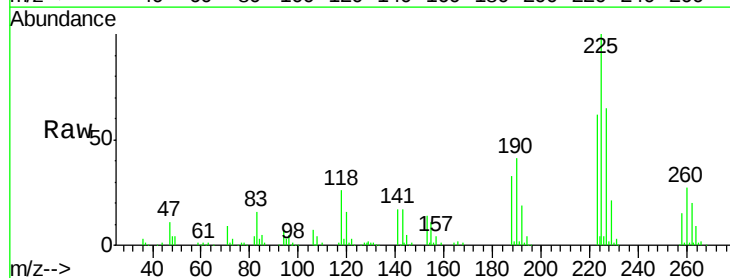
Instrument :
 BNA_G
 ClientSampled :

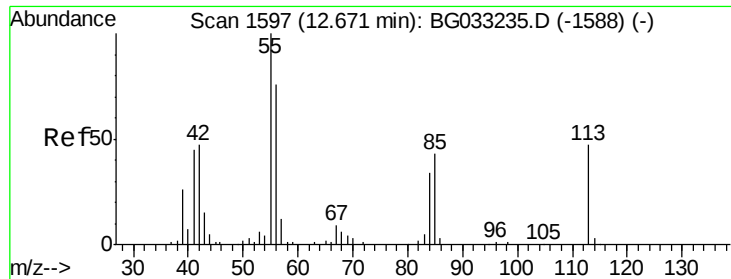
Tot Ion:	127	Resp:	155233
Ion	Ratio	Lower	Upper
127	100		
129	30.9	24.0	36.0
65	38.6	27.0	40.4
92	22.7	16.6	25.0



#34
 Hexachlorobutadiene
 Concen: 40.290 ng
 RT: 12.06 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BG033387.D
 Acq: 28 Mar 2018 15:50

Tgt Ion:	225	Resp:	107548
Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.7	74.5
227	67.4	48.1	72.1

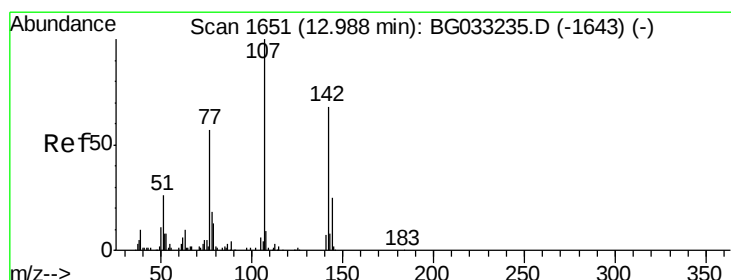
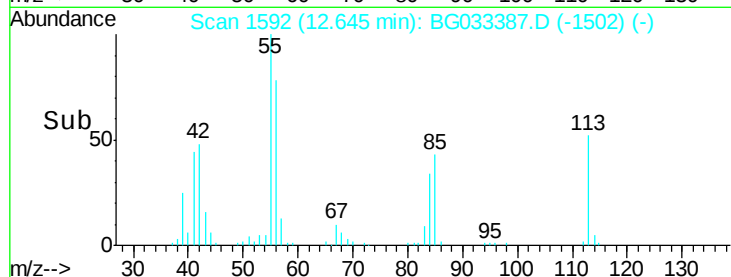
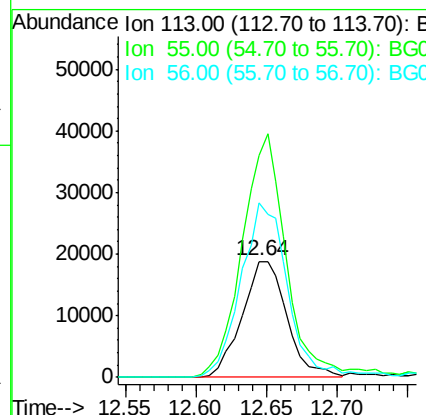
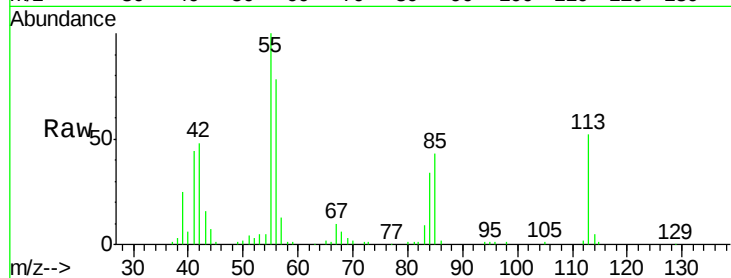




#35
Caprolactam
Concen: 39.170 ng
RT: 12.64 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BG033387.D
Acq: 28 Mar 2018 15:50

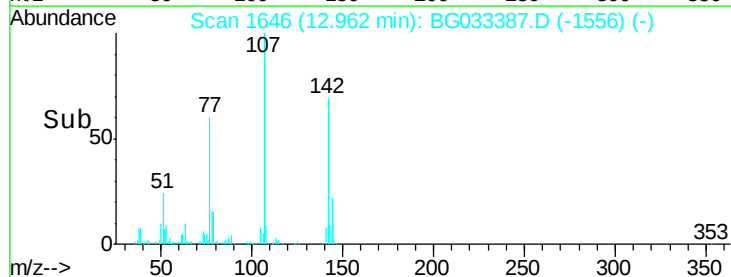
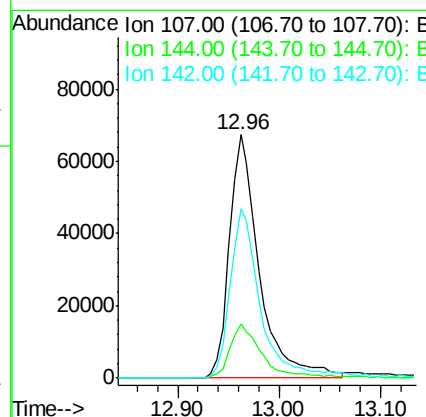
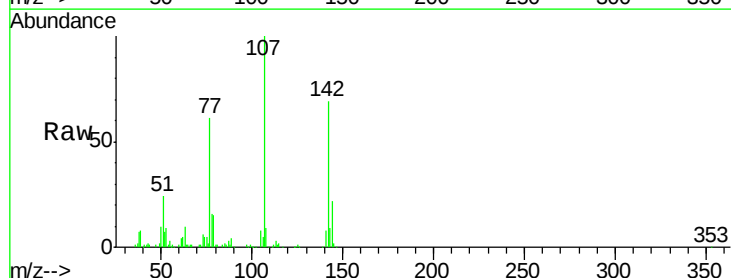
Instrument :
BNA_G
ClientSampleId :

Tot Ion:113 Resp: 41691
Ion Ratio Lower Upper
113 100
55 191.0 186.9 226.9
56 149.9 130.9 170.9



#36
4-Chloro-3-methylphenol
Concen: 38.938 ng
RT: 12.96 min Scan# 1646
Delta R.T. 0.00 min
Lab File: BG033387.D
Acq: 28 Mar 2018 15:50

Tgt Ion:107 Resp: 137976
Ion Ratio Lower Upper
107 100
144 22.3 18.2 27.4
142 69.4 59.0 88.4

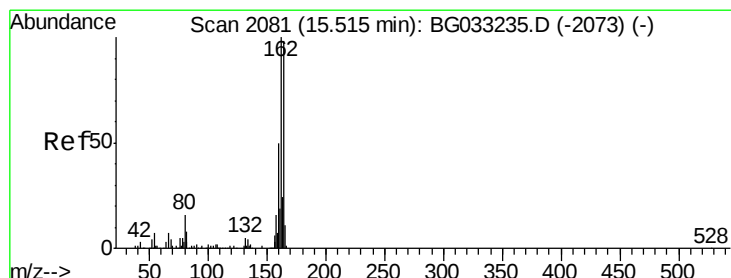
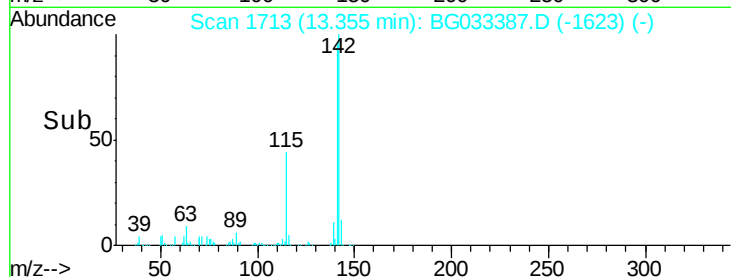
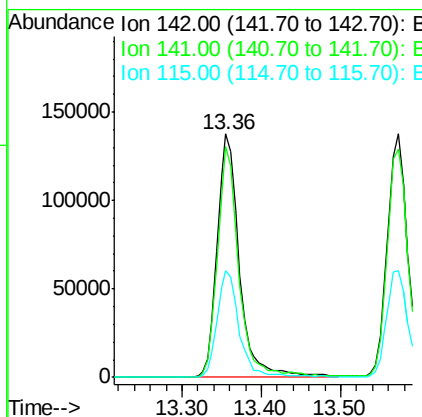
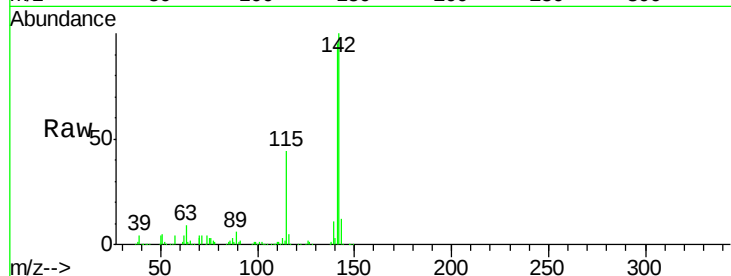




#37
 2-Methylnaphthalene
 Concen: 38.533 ng
 RT: 13.36 min Scan# 1713
 Delta R.T. 0.00 min
 Lab File: BG033387.D
 Acq: 28 Mar 2018 15:50

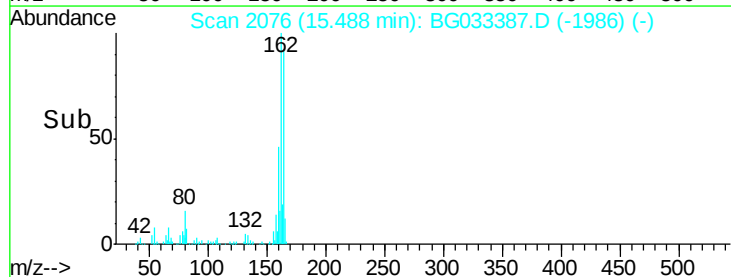
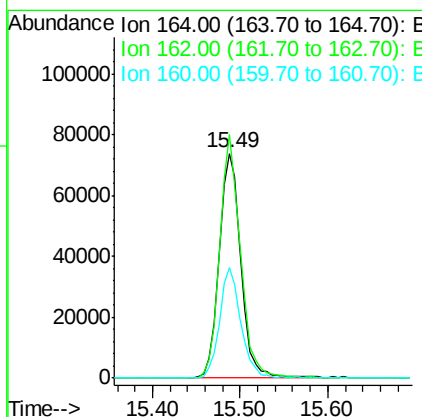
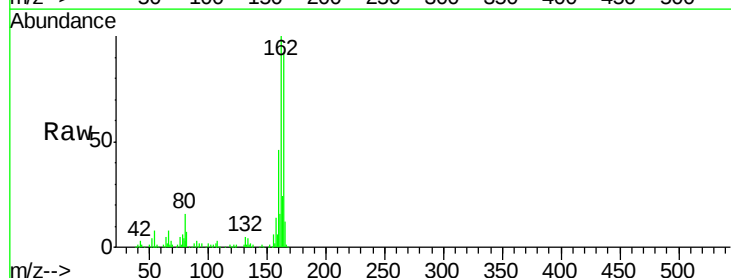
Instrument :
 BNA_G
 ClientSampleId :

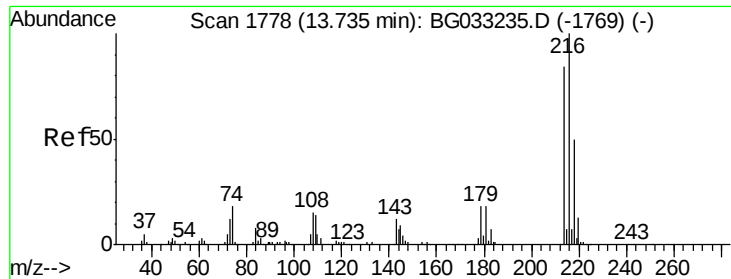
Tot Ion	Ratio	Lower	Upper
142	100		
141	94.7	67.1	100.7
115	43.9	30.7	46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2076
 Delta R.T. 0.00 min
 Lab File: BG033387.D
 Acq: 28 Mar 2018 15:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.3	78.8	118.2
160	49.3	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.714 ng

RT: 13.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: BG033387.D

Acq: 28 Mar 2018 15:50

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 187586

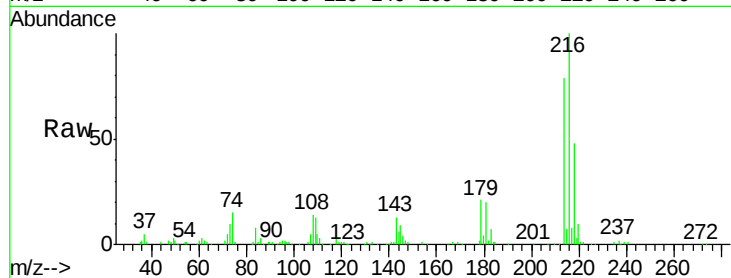
Ion Ratio Lower Upper

216 100

214 77.6 63.0 94.4

179 19.8 17.0 25.6

108 15.6 12.8 19.2

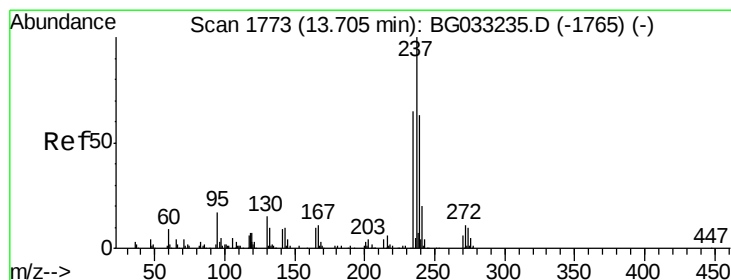
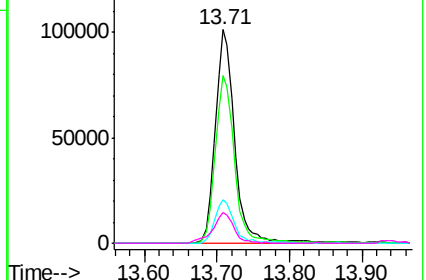
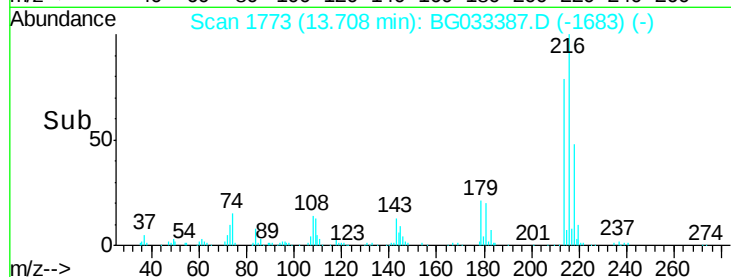


Abundance Ion 216.00 (215.70 to 216.70): E

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: 38.427 ng

RT: 13.68 min Scan# 1769

Delta R.T. 0.00 min

Lab File: BG033387.D

Acq: 28 Mar 2018 15:50

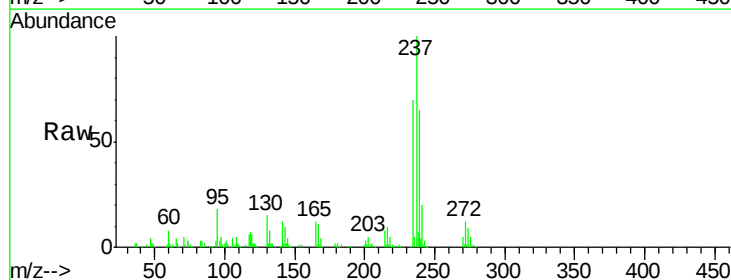
Tgt Ion:237 Resp: 103791

Ion Ratio Lower Upper

237 100

235 70.4 50.4 90.4

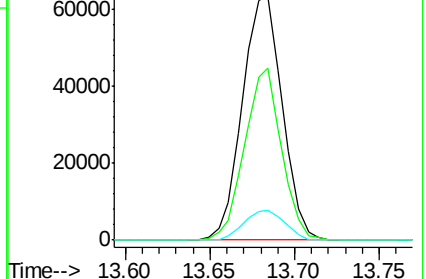
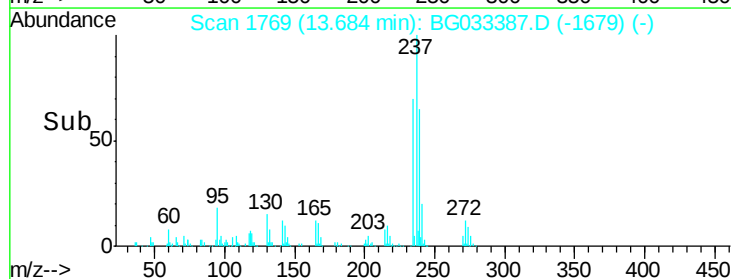
272 12.4 0.0 31.8

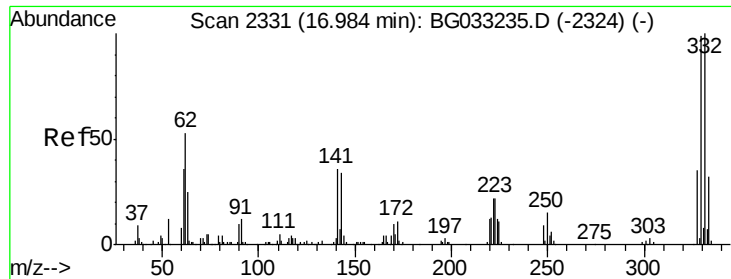


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

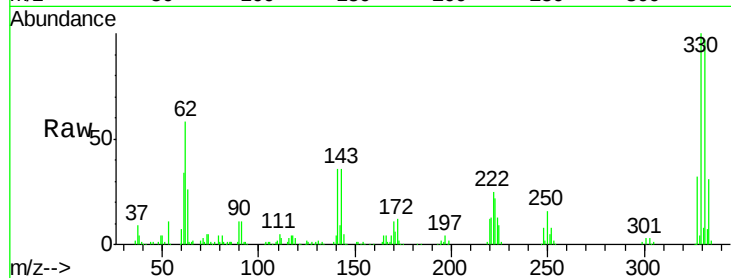




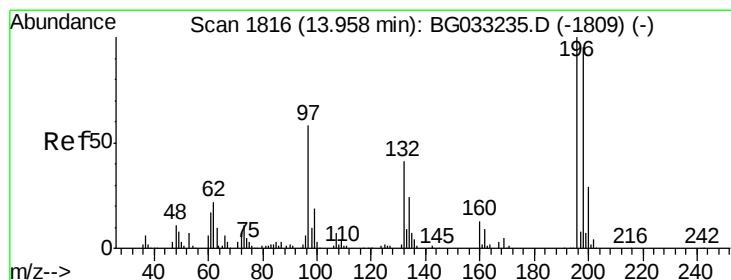
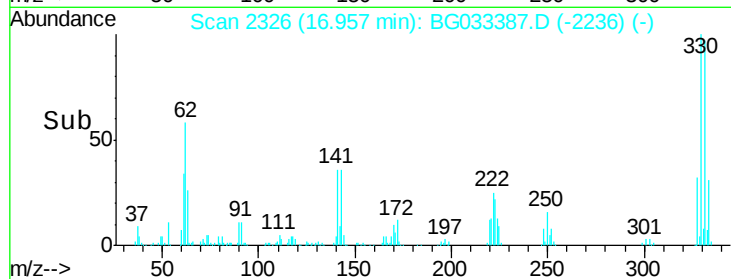
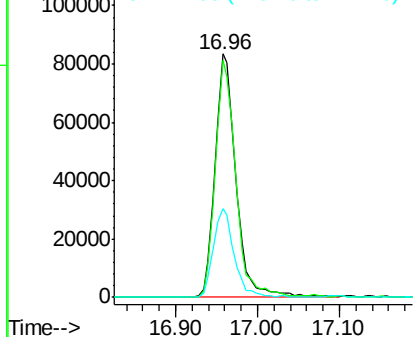
#41
 2,4,6-Tribromophenol
 Concen: 78.140 ng
 RT: 16.96 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: BG033387.D
 Acq: 28 Mar 2018 15:50

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 148651
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 35.7 25.2 37.8

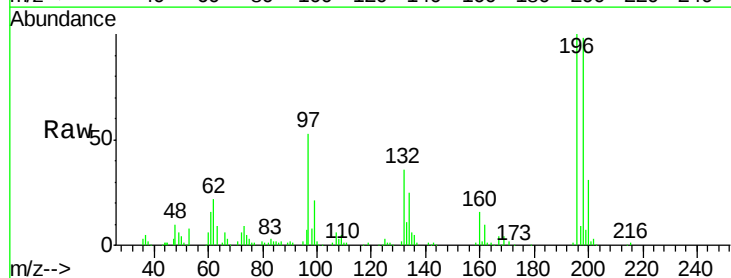


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

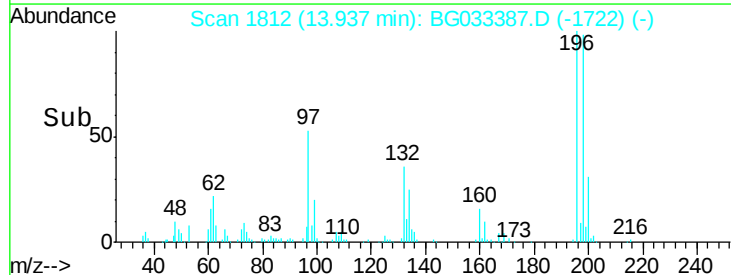
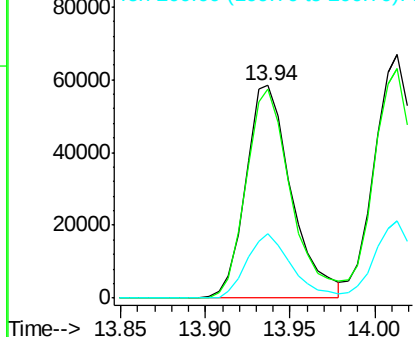


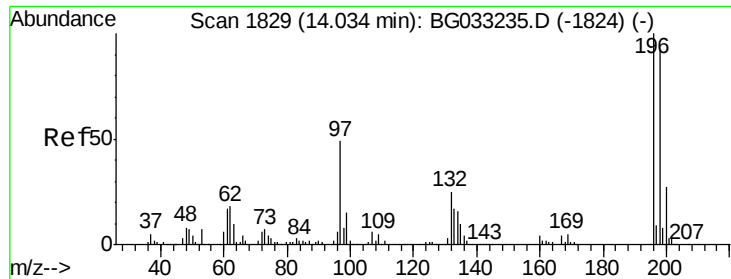
#42
 2,4,6-Trichlorophenol
 Concen: 41.144 ng
 RT: 13.94 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: BG033387.D
 Acq: 28 Mar 2018 15:50

Tgt Ion:196 Resp: 110140
 Ion Ratio Lower Upper
 196 100
 198 98.4 78.2 117.2
 200 30.5 24.6 36.8



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

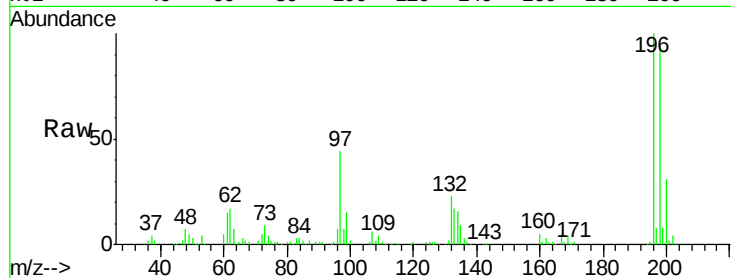




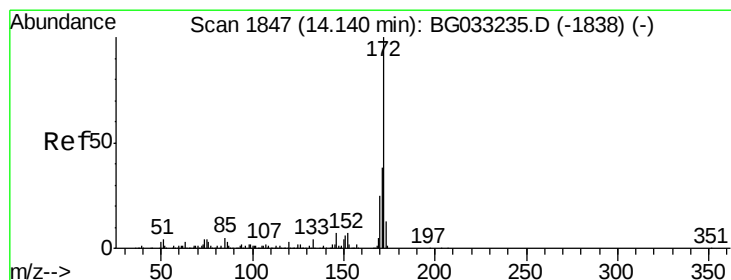
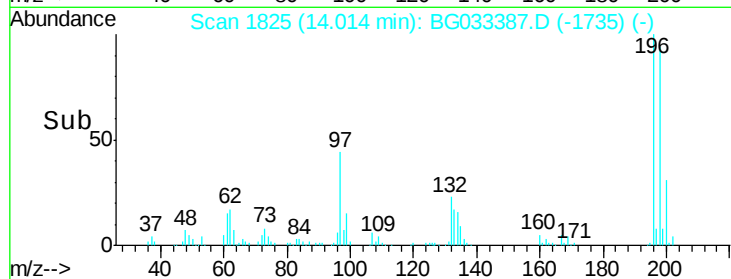
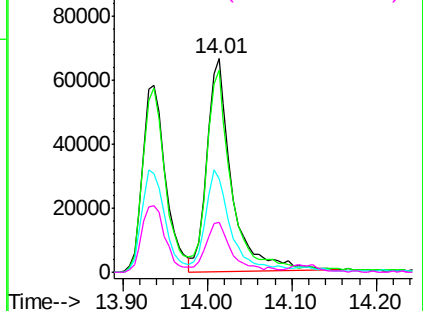
#43
2,4,5-Trichlorophenol
Concen: 43.530 ng
RT: 14.01 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BG033387.D
Acq: 28 Mar 2018 15:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:196 Resp: 137734
Ion Ratio Lower Upper
196 100
198 94.5 76.2 114.4
97 44.0 38.7 58.1
132 23.3 20.2 30.2

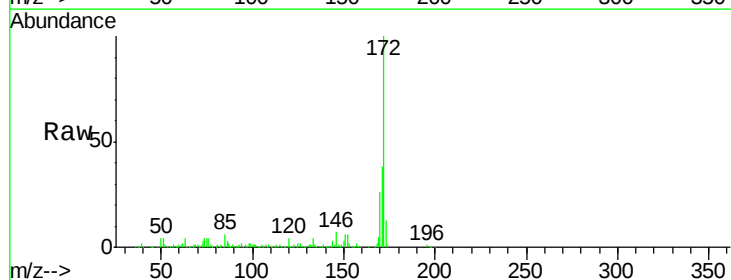


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

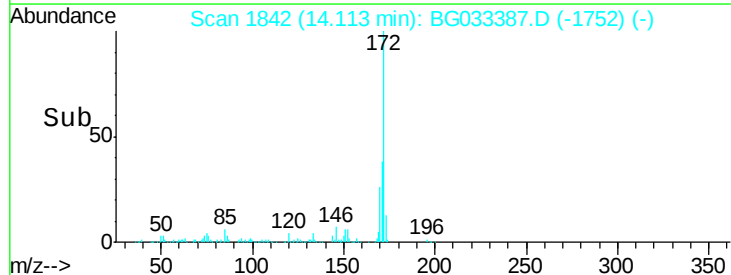
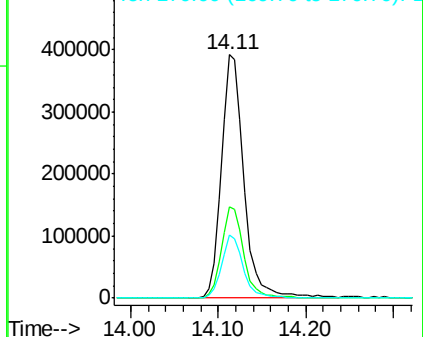


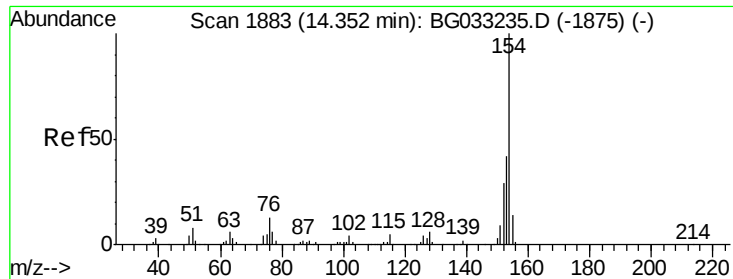
#44
2-Fluorobiphenyl
Concen: 79.477 ng
RT: 14.11 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BG033387.D
Acq: 28 Mar 2018 15:50

Tgt Ion:172 Resp: 700266
Ion Ratio Lower Upper
172 100
171 37.6 30.0 45.0
170 26.0 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 40.017 ng

RT: 14.33 min Scan# 1879

Delta R.T. 0.00 min

Lab File: BG033387.D

Acq: 28 Mar 2018 15:50

Instrument :

BNA_G

ClientSampled :

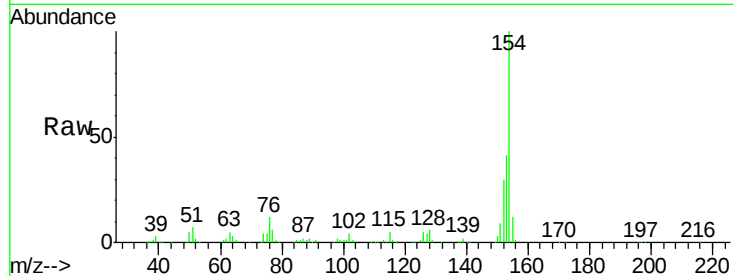
Tot Ion:154 Resp: 391060

Ion Ratio Lower Upper

154 100

153 41.5 19.8 59.8

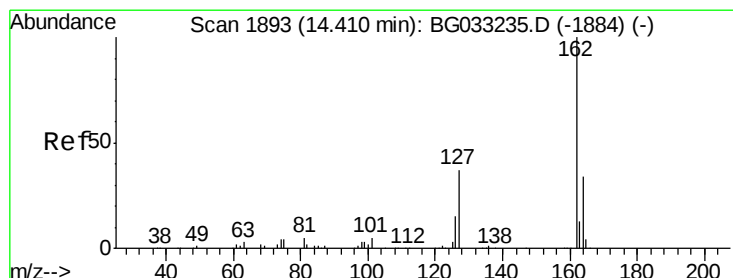
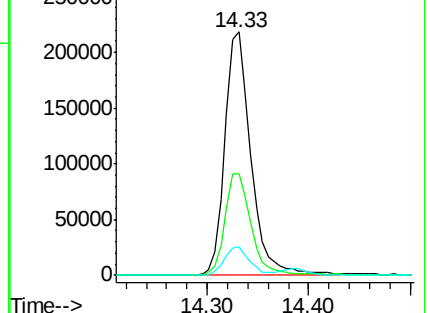
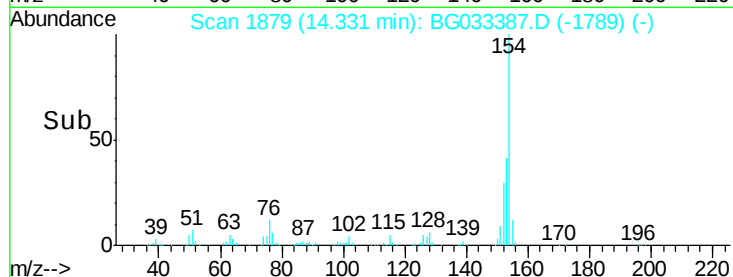
76 11.7 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 39.444 ng

RT: 14.38 min Scan# 1888

Delta R.T. 0.00 min

Lab File: BG033387.D

Acq: 28 Mar 2018 15:50

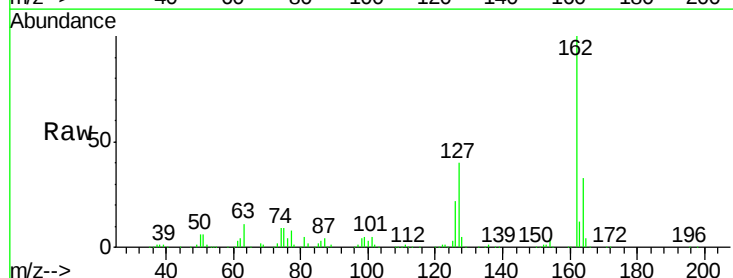
Tgt Ion:162 Resp: 297205

Ion Ratio Lower Upper

162 100

127 39.9 30.7 46.1

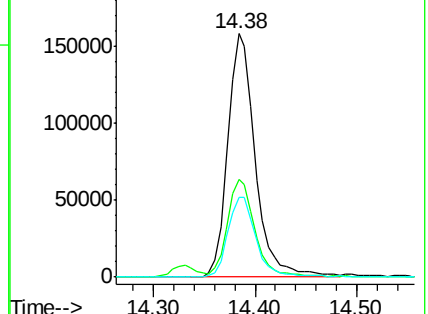
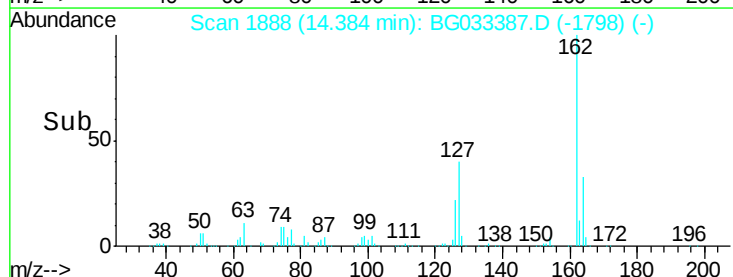
164 33.0 26.0 39.0

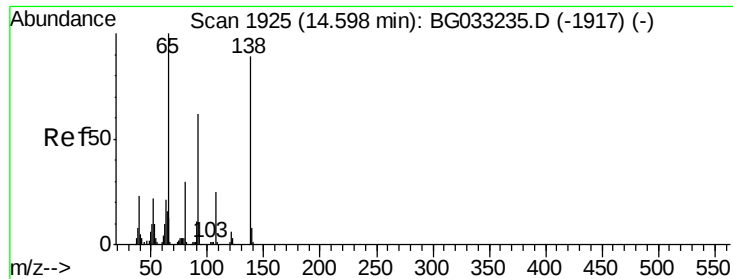


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 39.574 ng

RT: 14.58 min Scan# 1921

Delta R.T. 0.00 min

Lab File: BG033387.D

Acq: 28 Mar 2018 15:50

Instrument :

BNA_G

ClientSampleId :

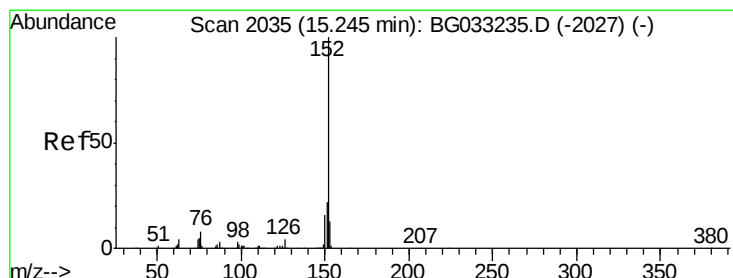
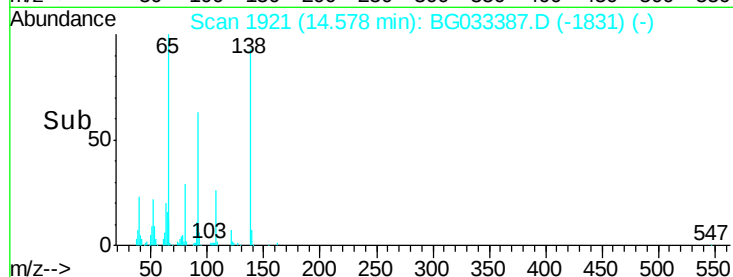
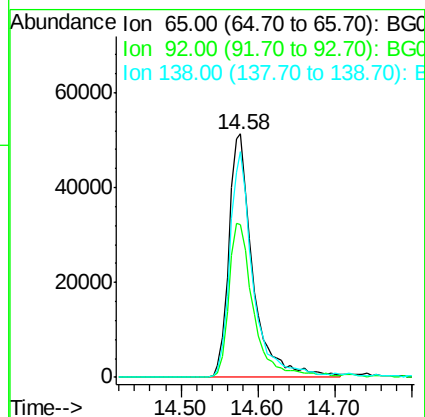
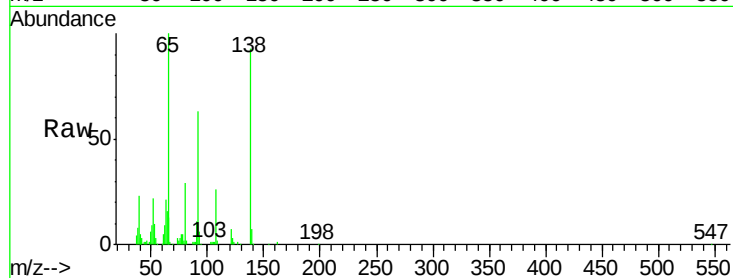
Tot Ion: 65 Resp: 111688

Ion Ratio Lower Upper

65 100

92 62.7 54.6 82.0

138 92.8 72.9 109.3



#48

Acenaphthylene

Concen: 39.100 ng

RT: 15.22 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BG033387.D

Acq: 28 Mar 2018 15:50

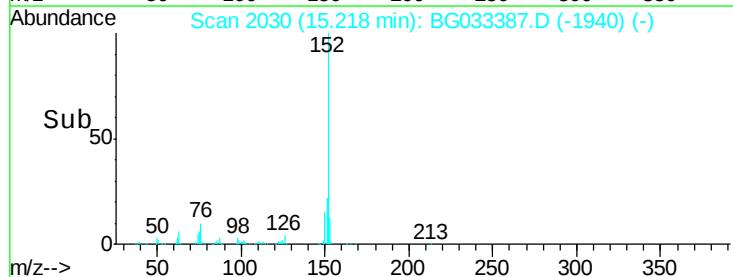
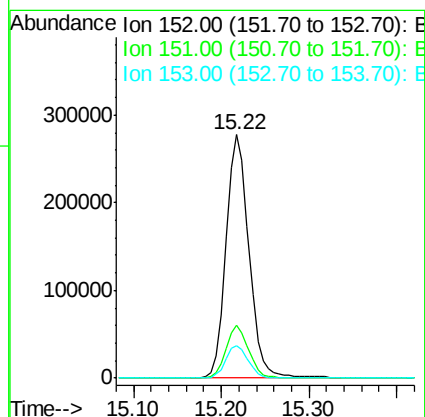
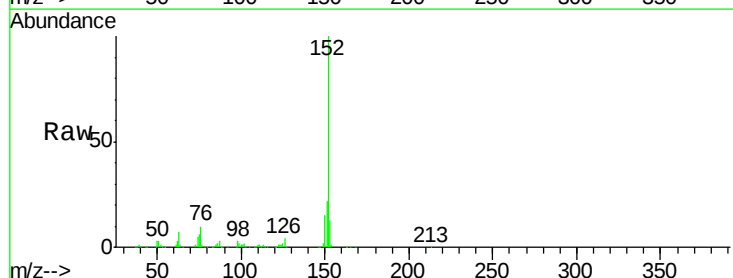
Tgt Ion: 152 Resp: 491772

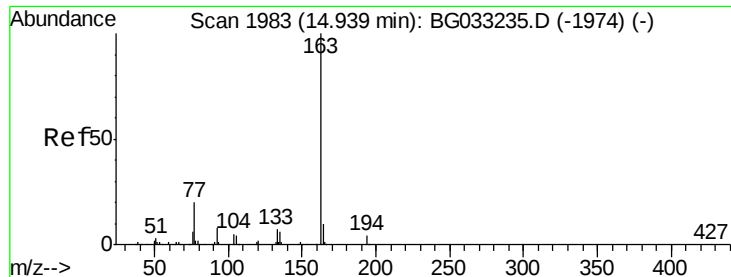
Ion Ratio Lower Upper

152 100

151 21.5 17.2 25.8

153 13.4 10.2 15.4





#49

Dimethylphthalate

Concen: 39.472 ng

RT: 14.91 min Scan# 1978

Delta R.T. 0.00 min

Lab File: BG033387.D

Acq: 28 Mar 2018 15:50

Instrument :

BNA_G

ClientSampleId :

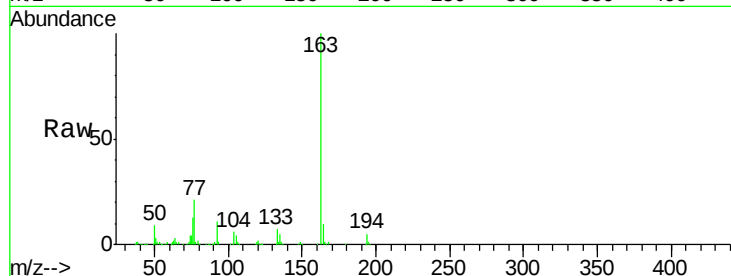
Tot Ion:163 Resp: 436943

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.2

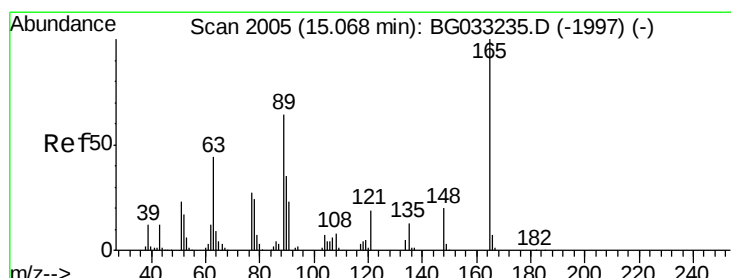
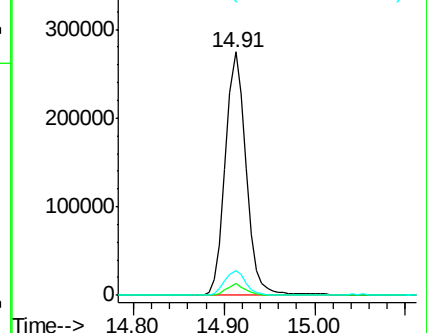
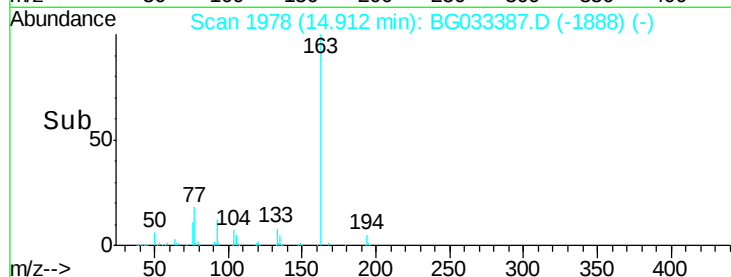
164 10.1 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 40.520 ng

RT: 15.05 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BG033387.D

Acq: 28 Mar 2018 15:50

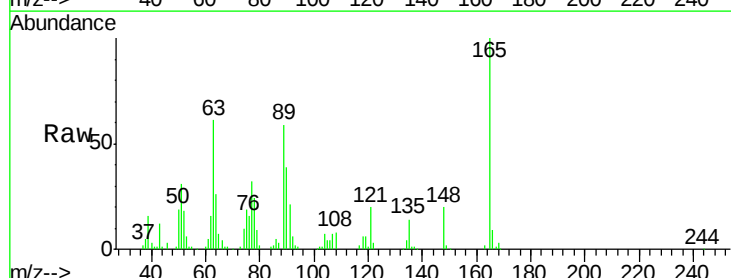
Tgt Ion:165 Resp: 91714

Ion Ratio Lower Upper

165 100

63 61.4 52.7 79.1

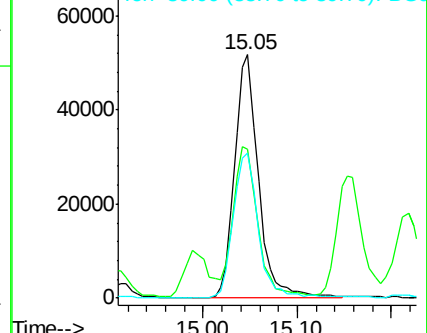
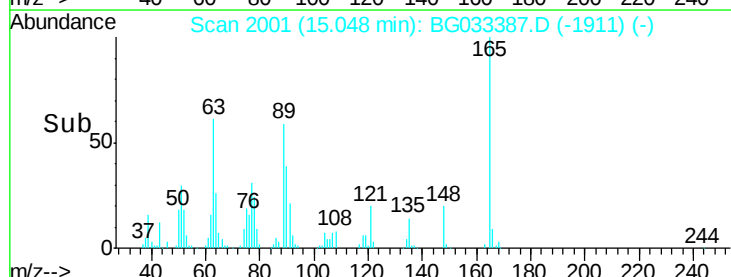
89 59.4 49.2 73.8

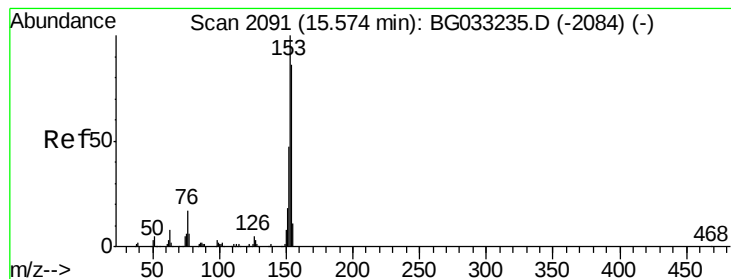


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 39.700 ng

RT: 15.55 min Scan# 2087

Delta R.T. 0.00 min

Lab File: BG033387.D

Acq: 28 Mar 2018 15:50

Instrument :

BNA_G

ClientSampled :

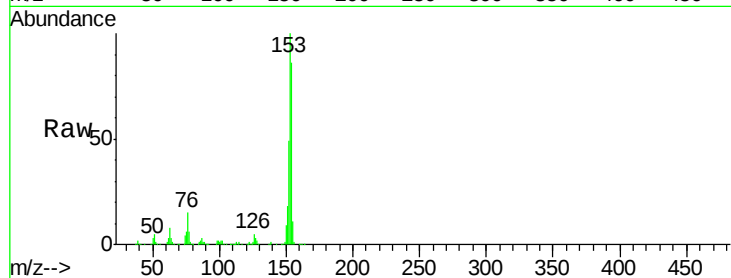
Tot Ion:154 Resp: 321879

Ion Ratio Lower Upper

154 100

153 116.1 90.4 135.6

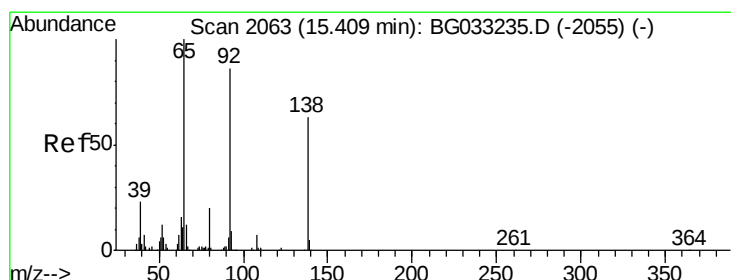
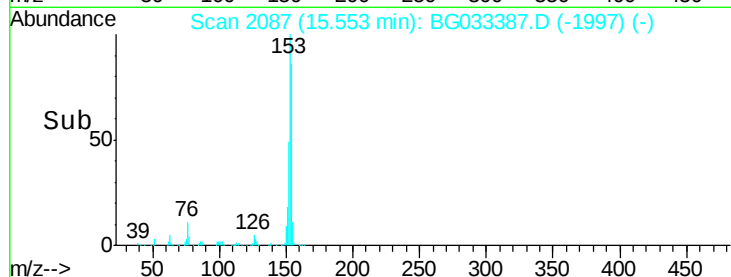
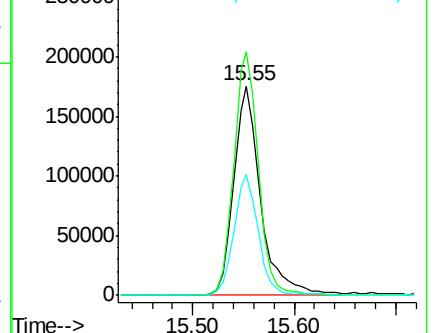
152 57.3 41.6 62.4



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: 38.284 ng

RT: 15.38 min Scan# 2058

Delta R.T. 0.00 min

Lab File: BG033387.D

Acq: 28 Mar 2018 15:50

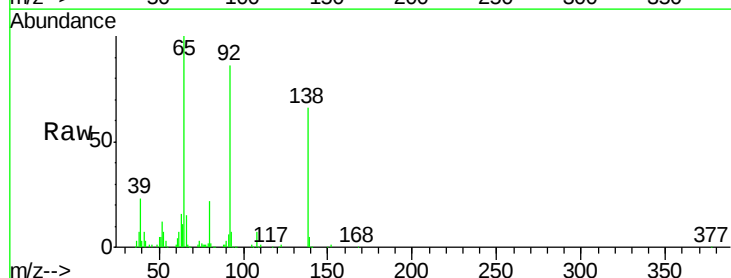
Tgt Ion:138 Resp: 90848

Ion Ratio Lower Upper

138 100

108 11.3 17.5 26.3#

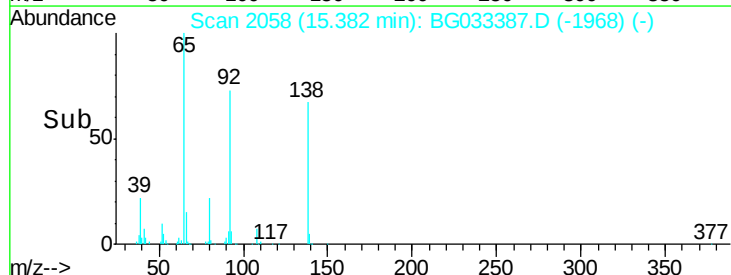
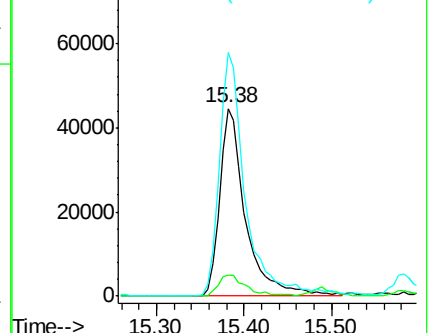
92 130.0 105.8 158.8

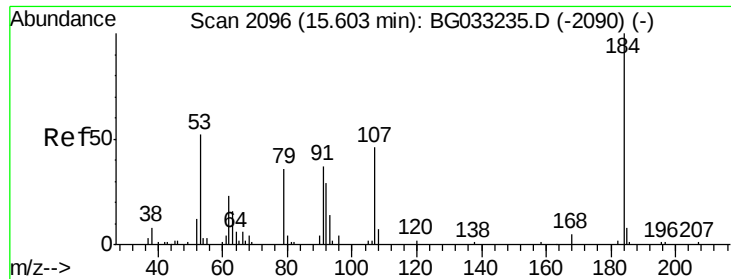


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

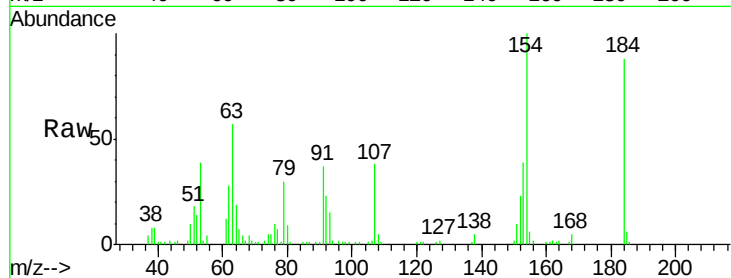




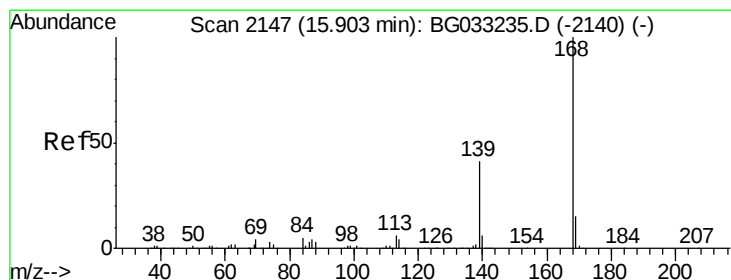
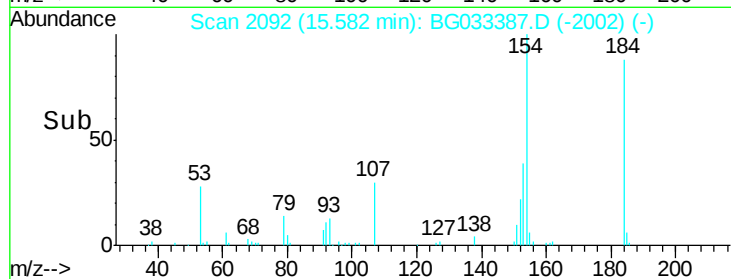
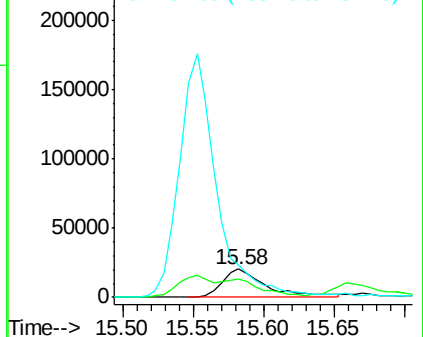
#53
2,4-Dinitrophenol
Concen: 41.522 ng
RT: 15.58 min Scan# 2092
Delta R.T. 0.00 min
Lab File: BG033387.D
Acq: 28 Mar 2018 15:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 43906
Ion Ratio Lower Upper
184 100
63 64.8 59.8 89.8
154 113.9 101.8 152.8

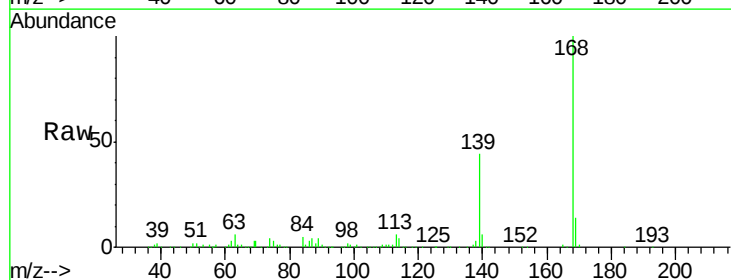


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

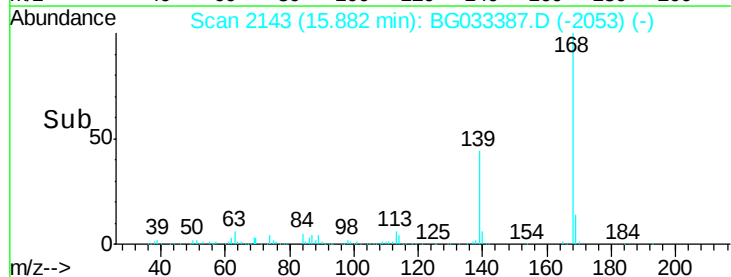
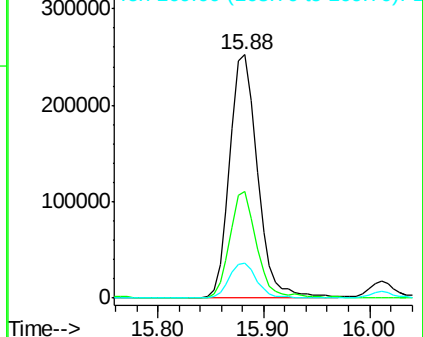


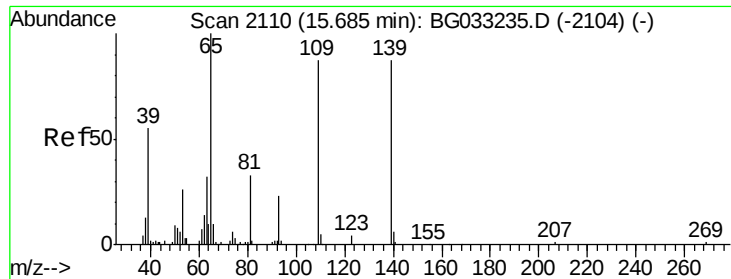
#54
Dibenzofuran
Concen: 38.480 ng
RT: 15.88 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BG033387.D
Acq: 28 Mar 2018 15:50

Tgt Ion:168 Resp: 460847
Ion Ratio Lower Upper
168 100
139 44.0 28.6 43.0#
169 14.3 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

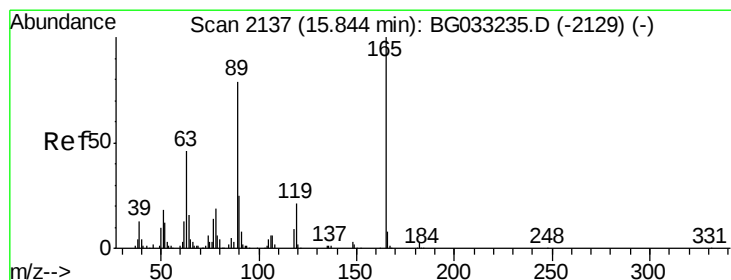
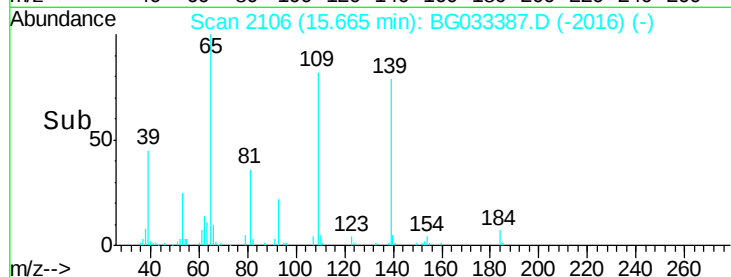
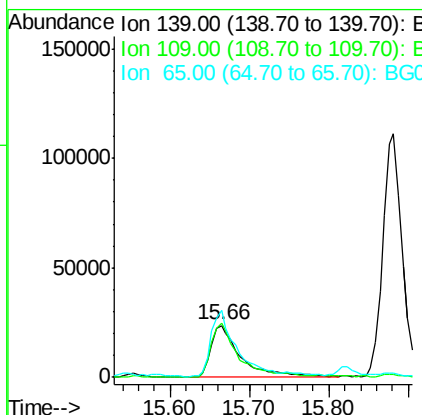
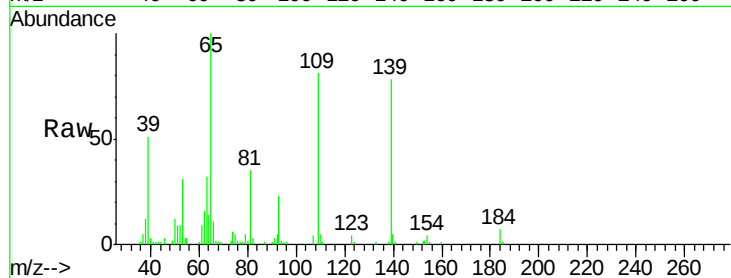




#55
4-Nitrophenol
Concen: 36.919 ng
RT: 15.66 min Scan# 2106
Delta R.T. 0.00 min
Lab File: BG033387.D
Acq: 28 Mar 2018 15:50

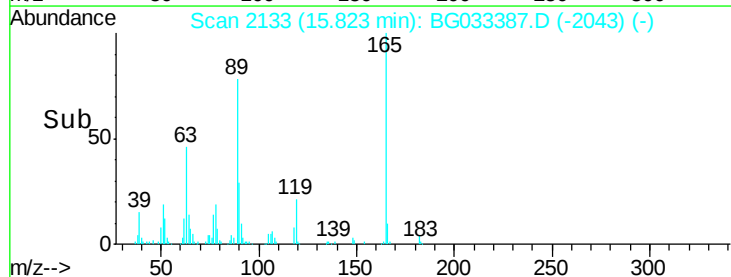
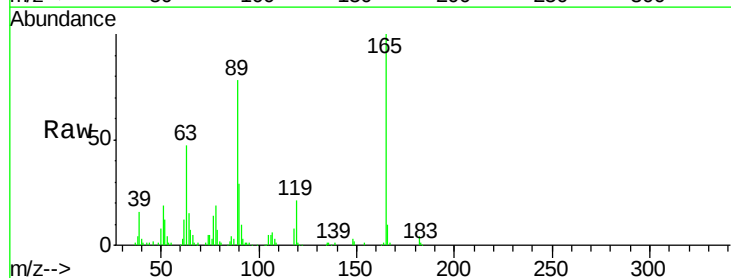
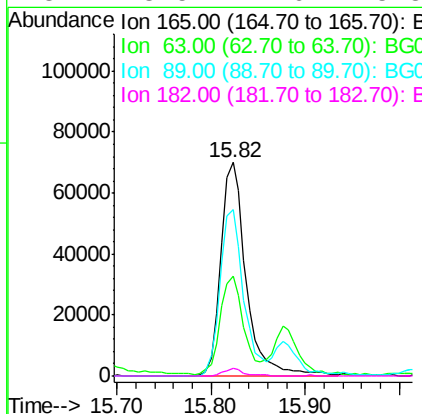
Instrument :
BNA_G
ClientSampled :

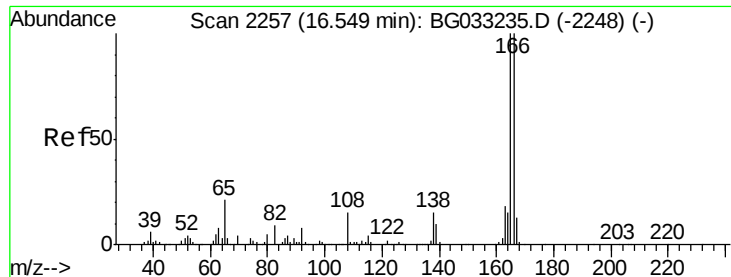
Tot Ion:139 Resp: 61604
Ion Ratio Lower Upper
139 100
109 103.2 62.2 102.2#
65 127.7 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 39.559 ng
RT: 15.82 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BG033387.D
Acq: 28 Mar 2018 15:50

Tgt Ion:165 Resp: 131838
Ion Ratio Lower Upper
165 100
63 46.6 42.0 63.0
89 77.8 66.9 100.3
182 3.5 2.6 3.8

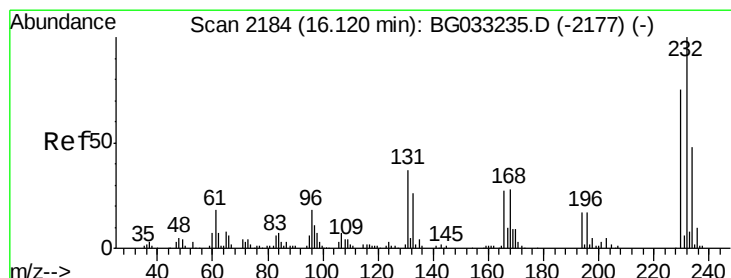
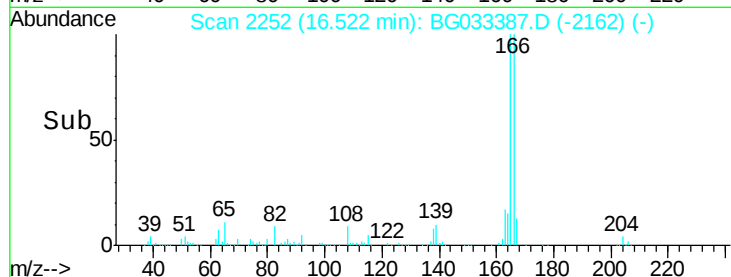
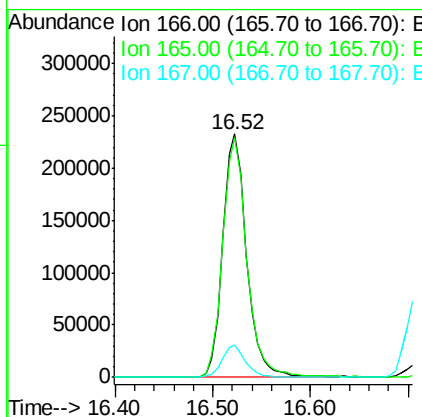
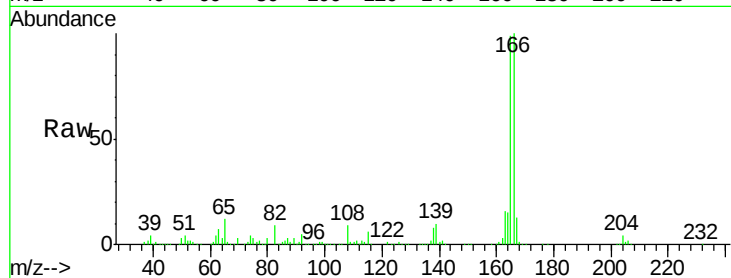




#57
 Fluorene
 Concen: 38.834 ng
 RT: 16.52 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: BG033387.D
 Acq: 28 Mar 2018 15:50

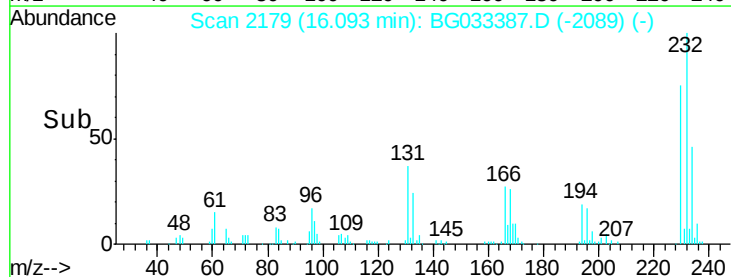
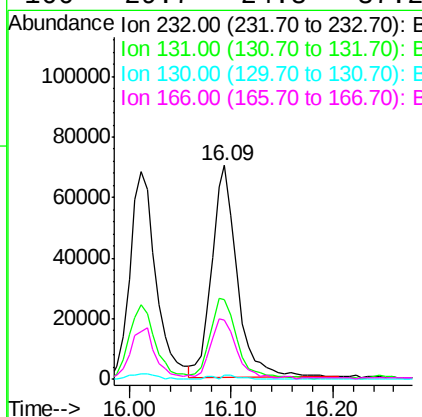
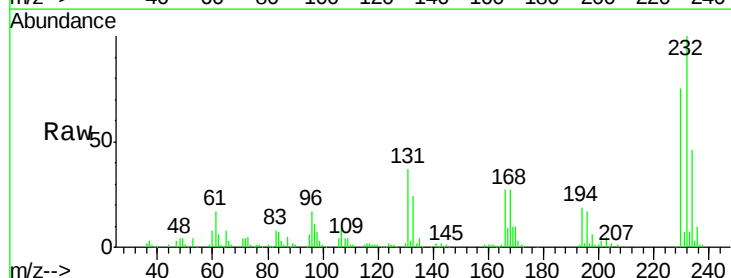
Instrument :
 BNA_G
 ClientSampleId :

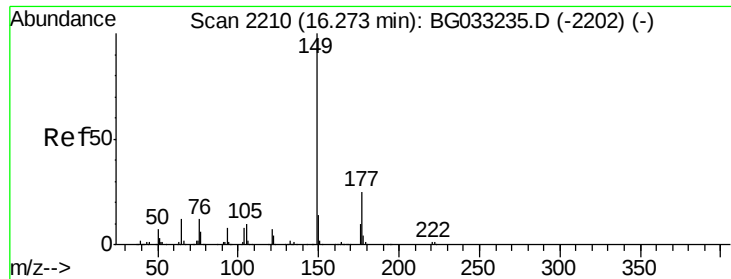
Tot Ion:166 Resp: 396220
 Ion Ratio Lower Upper
 166 100
 165 98.6 80.6 121.0
 167 13.1 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.738 ng
 RT: 16.09 min Scan# 2179
 Delta R.T. 0.00 min
 Lab File: BG033387.D
 Acq: 28 Mar 2018 15:50

Tgt Ion:232 Resp: 121347
 Ion Ratio Lower Upper
 232 100
 131 40.6 33.5 50.3
 130 1.1 2.2 3.2#
 166 29.7 24.8 37.2

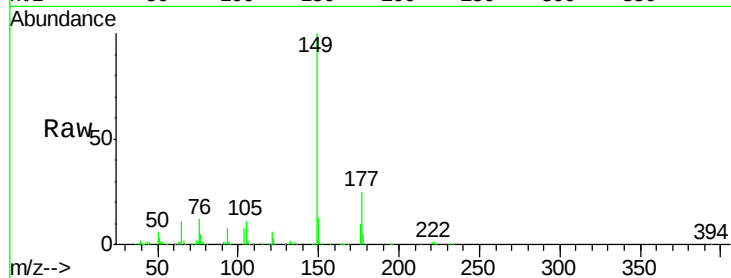




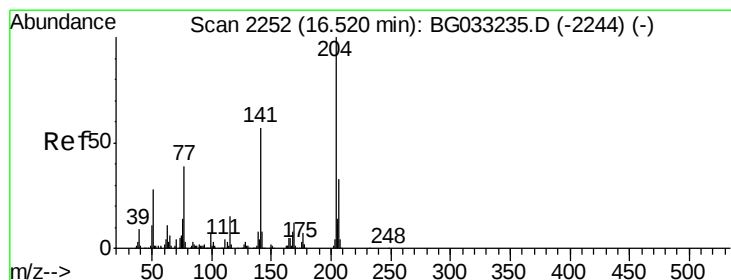
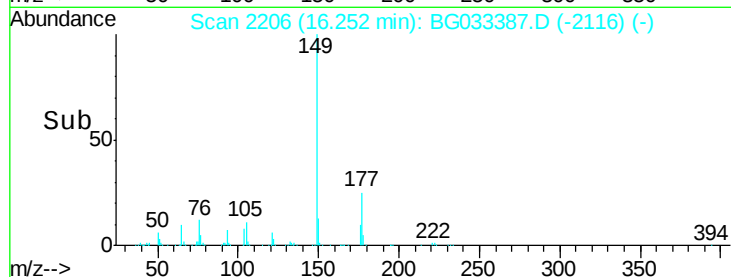
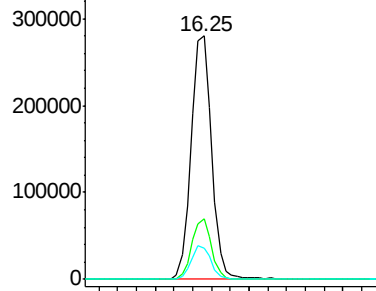
#59
Diethylphthalate
Concen: 39.865 ng
RT: 16.25 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BG033387.D
Acq: 28 Mar 2018 15:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	25.1	18.5	27.7
150	13.0	10.2	15.2

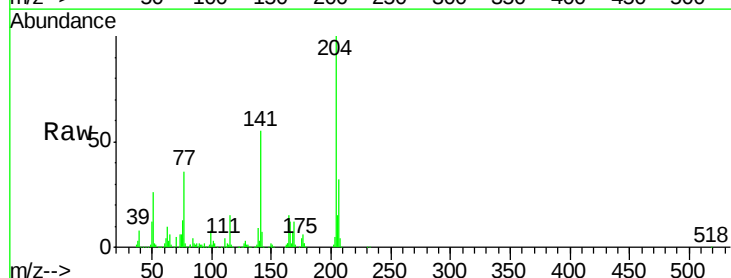


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

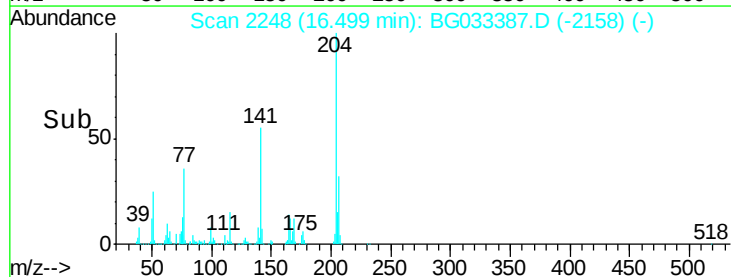
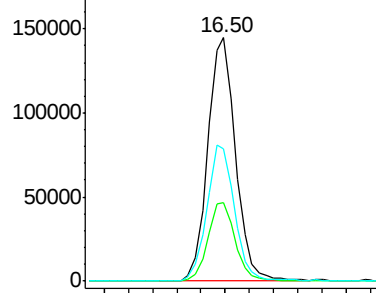


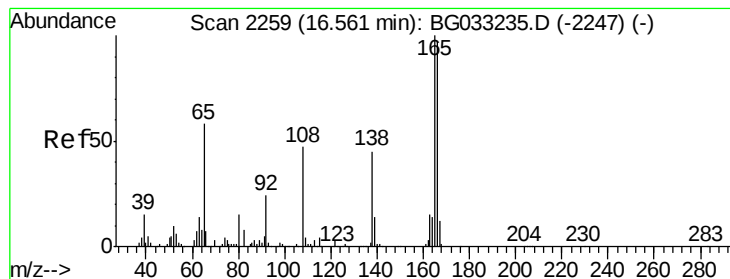
#60
4-Chlorophenyl-phenylether
Concen: 39.593 ng
RT: 16.50 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BG033387.D
Acq: 28 Mar 2018 15:50

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.2	39.2
141	54.5	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: 39.482 ng

RT: 16.53 min Scan# 2254

Delta R.T. 0.00 min

Lab File: BG033387.D

Acq: 28 Mar 2018 15:50

Instrument :

BNA_G

ClientSampleId :

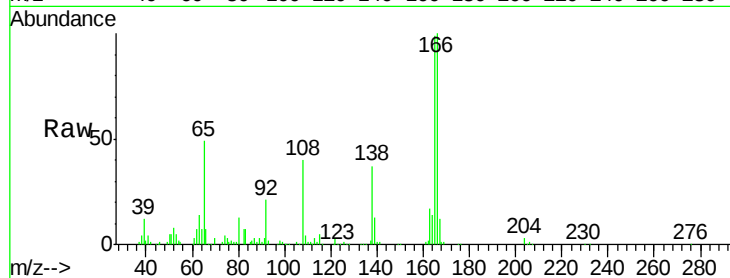
Tot Ion:138 Resp: 94876

Ion Ratio Lower Upper

138 100

92 56.7 40.1 80.1

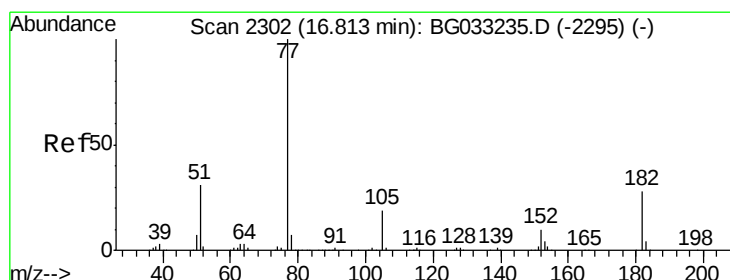
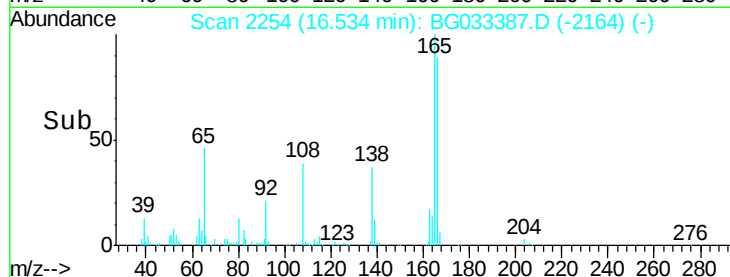
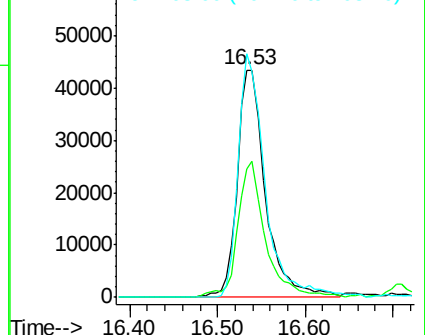
108 107.1 65.4 105.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.365 ng

RT: 16.79 min Scan# 2297

Delta R.T. 0.00 min

Lab File: BG033387.D

Acq: 28 Mar 2018 15:50

Tgt Ion: 77 Resp: 399473

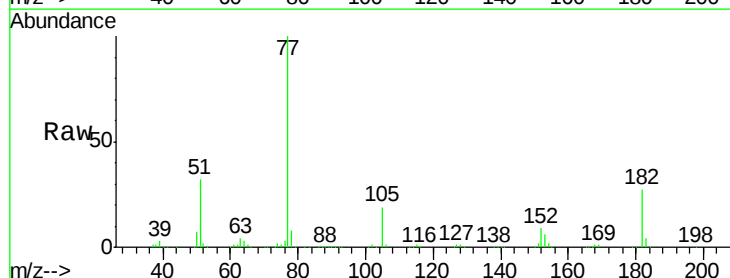
Ion Ratio Lower Upper

77 100

182 26.5 7.4 47.4

105 18.5 0.3 40.3

51 31.6 11.6 51.6

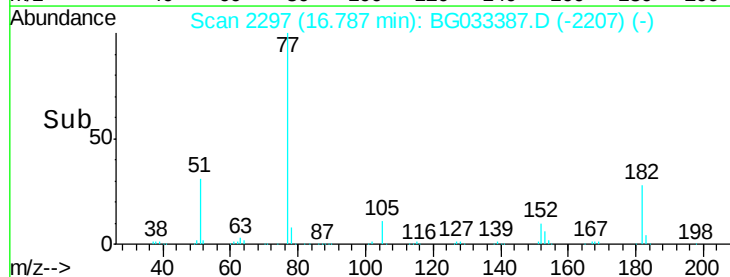
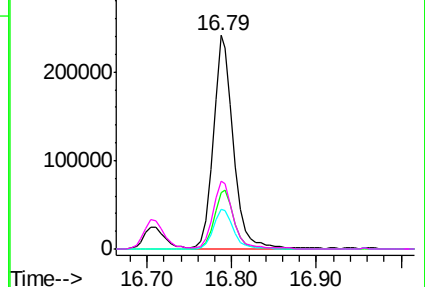


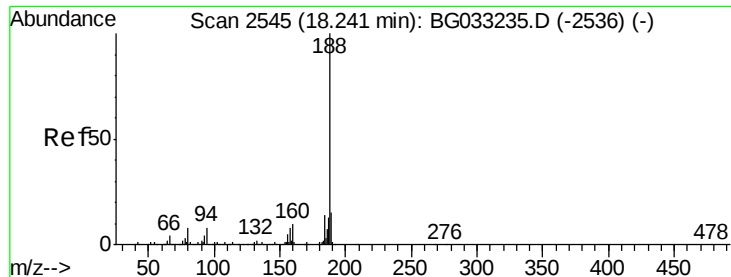
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

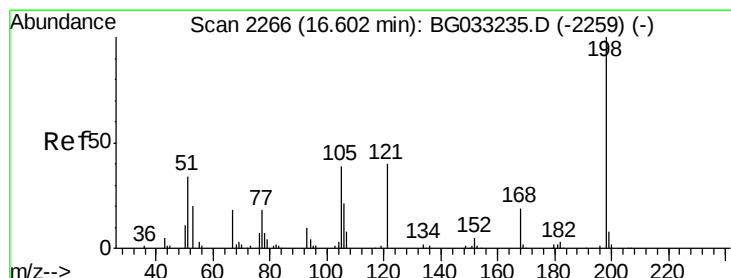
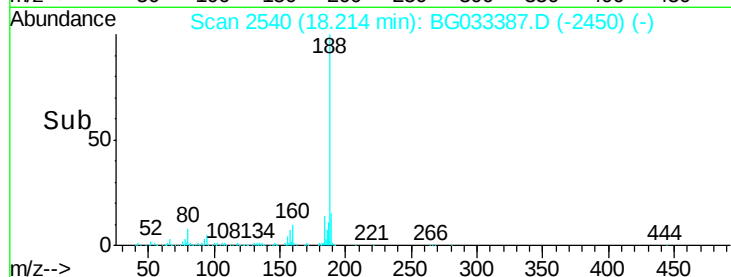
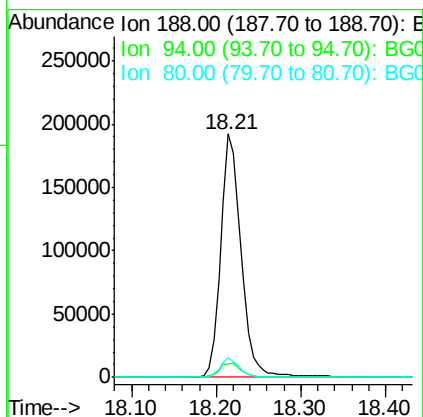
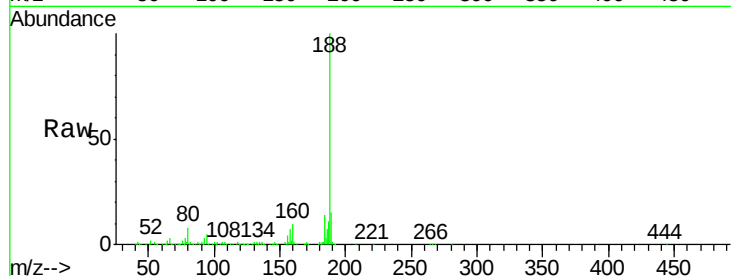




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. 0.00 min
Lab File: BG033387.D
Acq: 28 Mar 2018 15:50

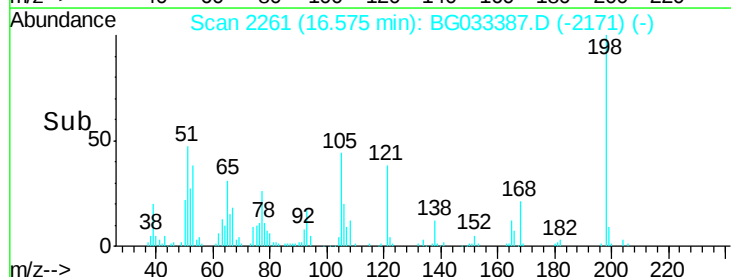
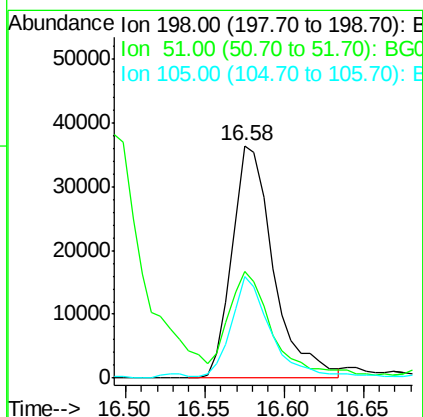
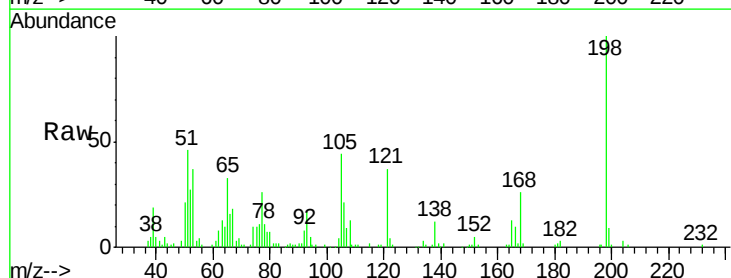
Instrument :
BNA_G
ClientSampled :

Tot Ion:188 Resp: 322917
Ion Ratio Lower Upper
188 100
94 5.5 6.9 10.3#
80 8.1 7.7 11.5



#64
4,6-Dinitro-2-methylphenol
Concen: 34.239 ng
RT: 16.58 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BG033387.D
Acq: 28 Mar 2018 15:50

Tgt Ion:198 Resp: 66143
Ion Ratio Lower Upper
198 100
51 46.1 30.6 70.6
105 43.7 23.8 63.8

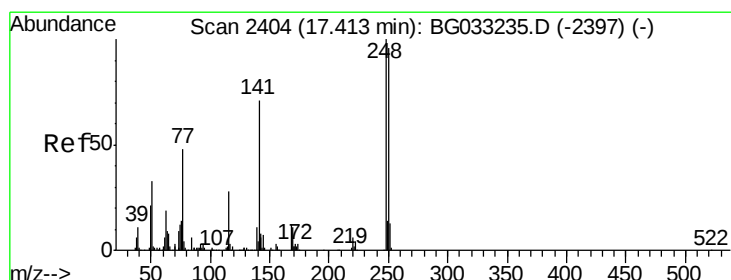
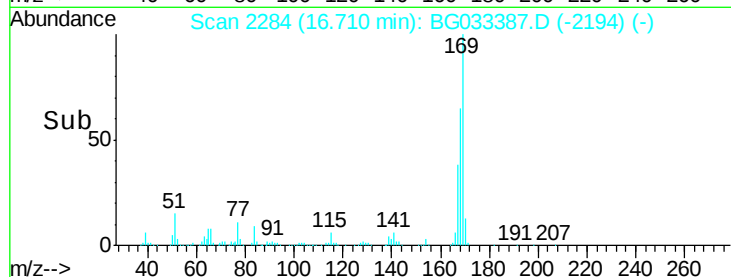
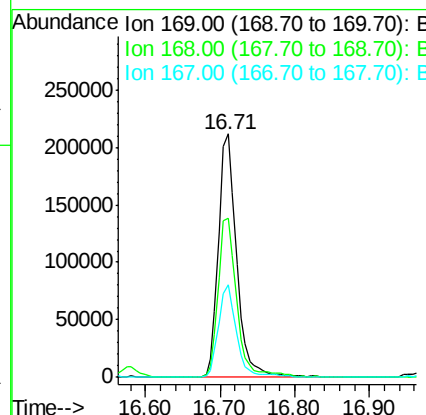
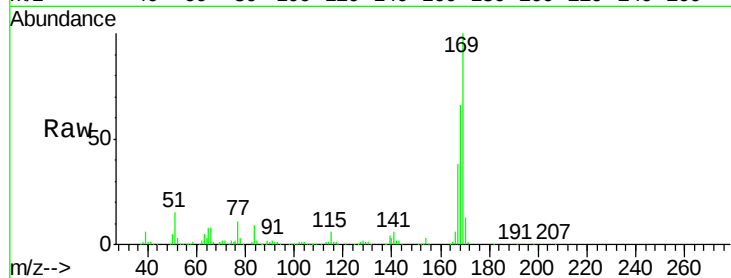




#65
n-Nitrosodiphenylamine
Concen: 38.968 ng
RT: 16.71 min Scan# 2284
Delta R.T. 0.00 min
Lab File: BG033387.D
Acq: 28 Mar 2018 15:50

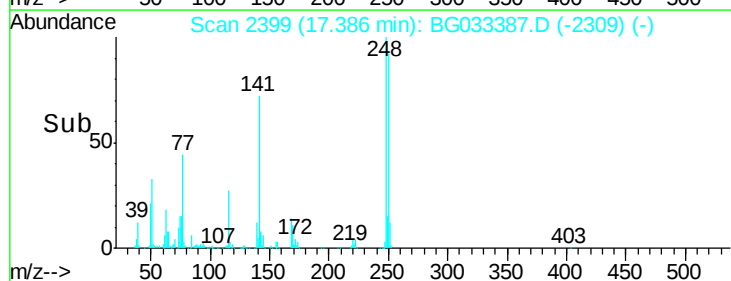
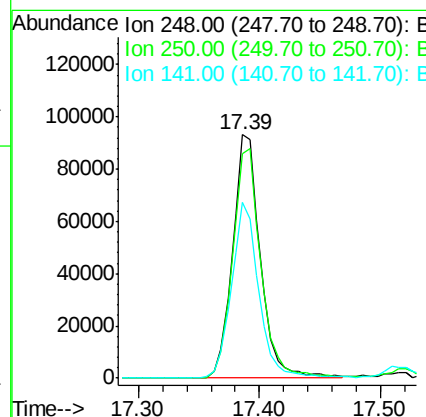
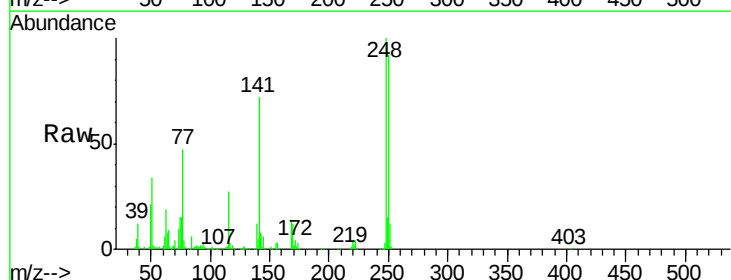
Instrument :
BNA_G
ClientSampleId :

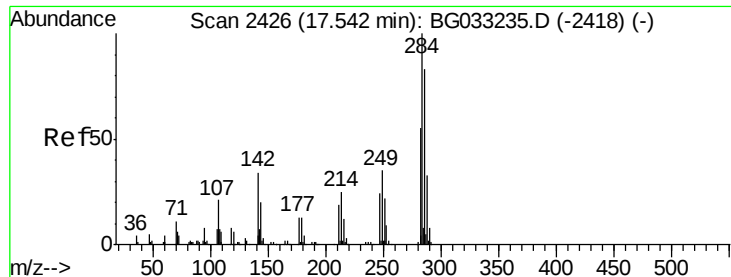
Tot Ion:169 Resp: 359240
Ion Ratio Lower Upper
169 100
168 65.6 55.7 83.5
167 38.1 30.1 45.1



#66
4-Bromophenyl-phenylether
Concen: 39.372 ng
RT: 17.39 min Scan# 2399
Delta R.T. 0.00 min
Lab File: BG033387.D
Acq: 28 Mar 2018 15:50

Tgt Ion:248 Resp: 149313
Ion Ratio Lower Upper
248 100
250 92.0 77.1 115.7
141 72.3 50.8 76.2





#67

Hexachlorobenzene

Concen: 39.579 ng

RT: 17.52 min Scan# 2422

Delta R.T. 0.00 min

Lab File: BG033387.D

Acq: 28 Mar 2018 15:50

Instrument :

BNA_G

ClientSampleId :

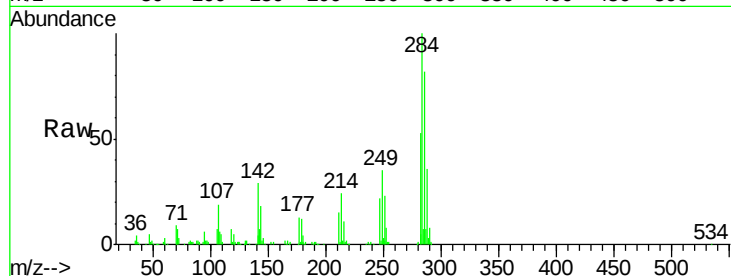
Tot Ion:284 Resp: 158409

Ion Ratio Lower Upper

284 100

142 29.0 26.8 40.2

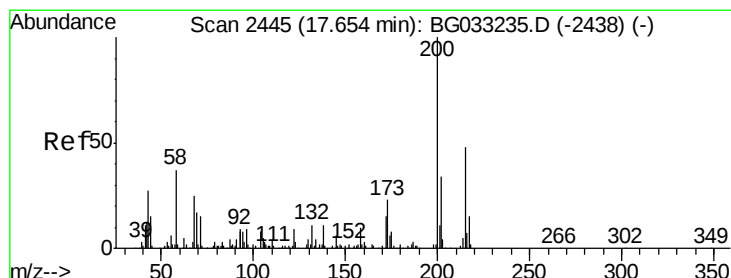
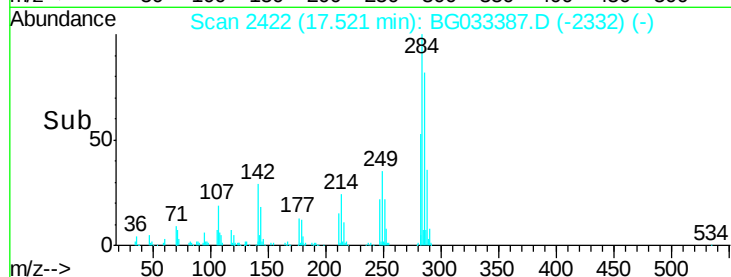
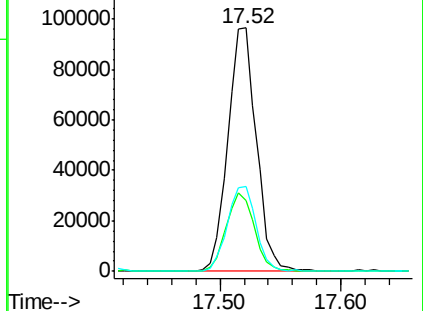
249 34.9 26.3 39.5



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: 38.685 ng

RT: 17.63 min Scan# 2440

Delta R.T. 0.00 min

Lab File: BG033387.D

Acq: 28 Mar 2018 15:50

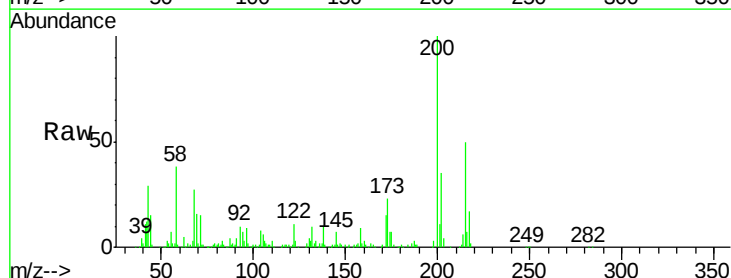
Tgt Ion:200 Resp: 144515

Ion Ratio Lower Upper

200 100

173 22.9 5.2 45.2

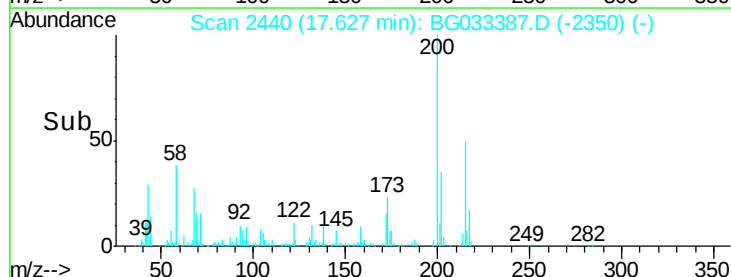
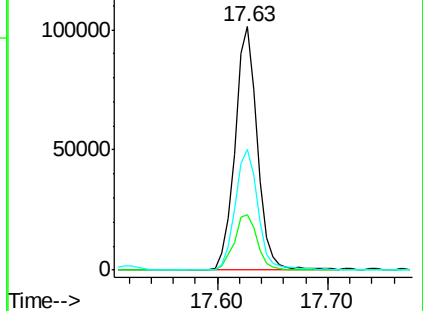
215 49.8 30.4 70.4

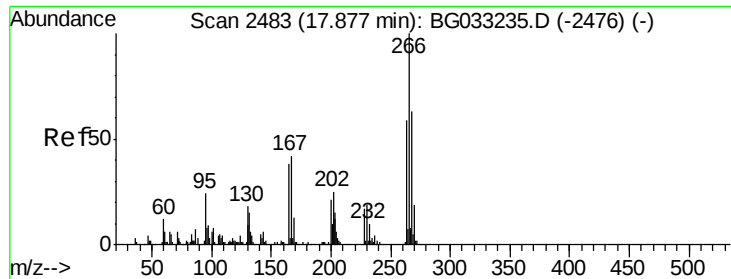


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

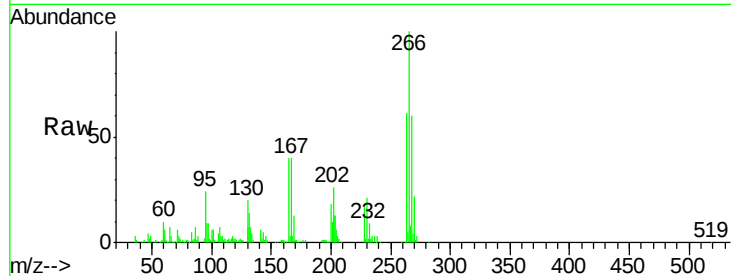




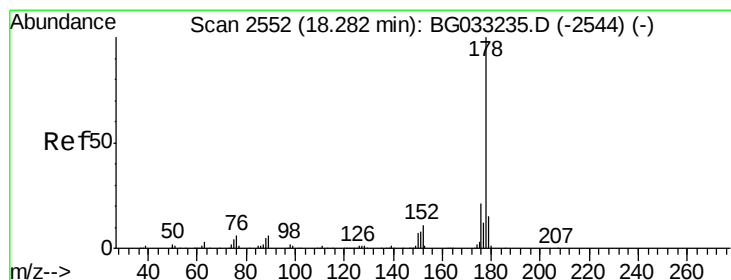
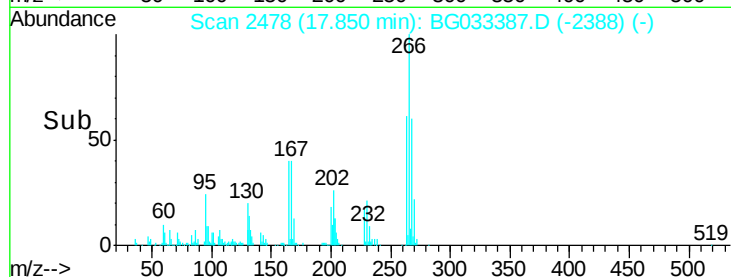
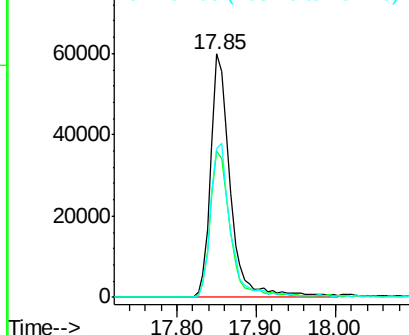
#69
 Pentachlorophenol
 Concen: 37.678 ng
 RT: 17.85 min Scan# 2478
 Delta R.T. 0.00 min
 Lab File: BG033387.D
 Acq: 28 Mar 2018 15:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	60.1	51.1	76.7
264	60.9	49.6	74.4

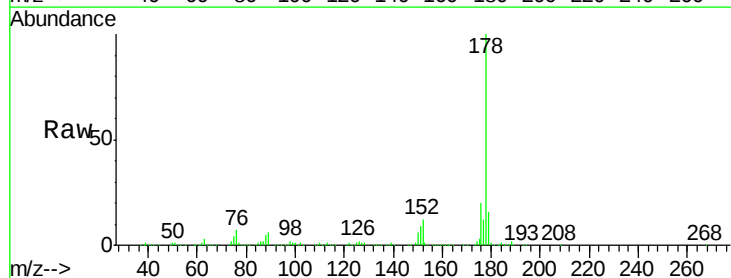


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

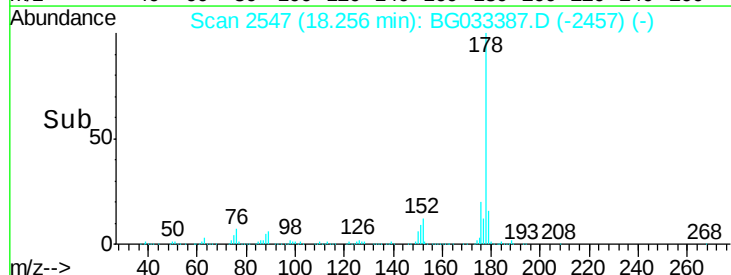
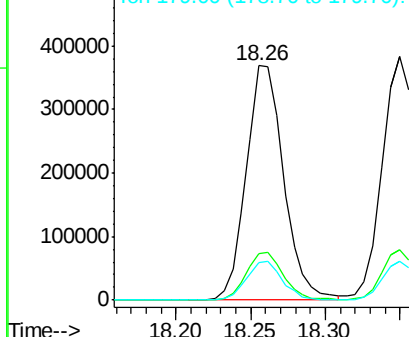


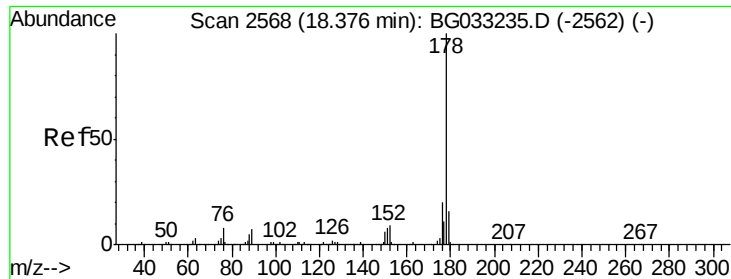
#70
 Phenanthrene
 Concen: 38.084 ng
 RT: 18.26 min Scan# 2547
 Delta R.T. 0.00 min
 Lab File: BG033387.D
 Acq: 28 Mar 2018 15:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.7	23.5
179	15.9	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

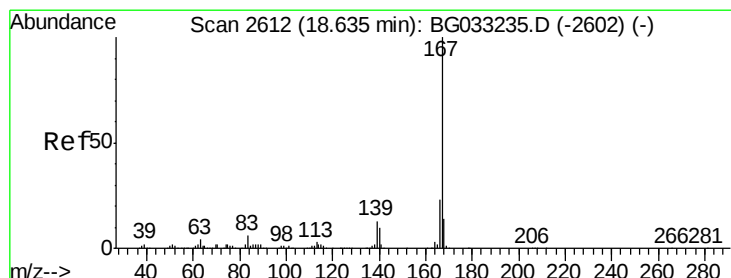
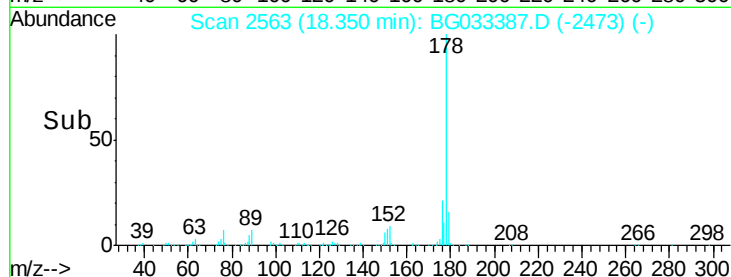
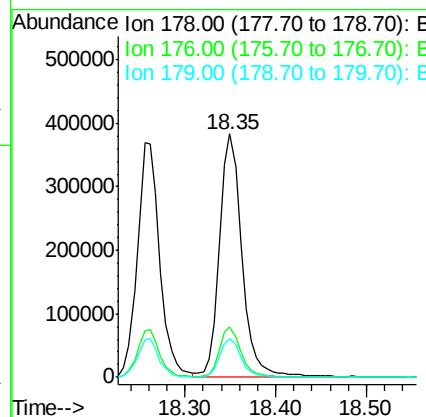
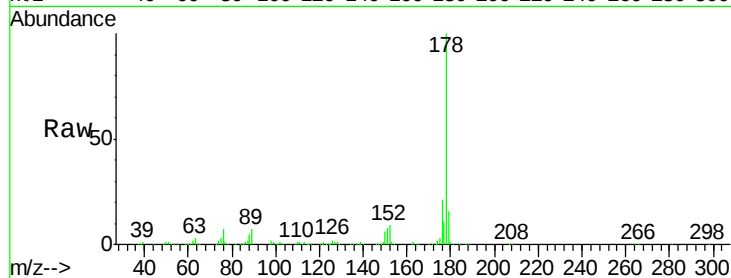




#71
 Anthracene
 Concen: 38.314 ng
 RT: 18.35 min Scan# 2563
 Delta R.T. 0.00 min
 Lab File: BG033387.D
 Acq: 28 Mar 2018 15:50

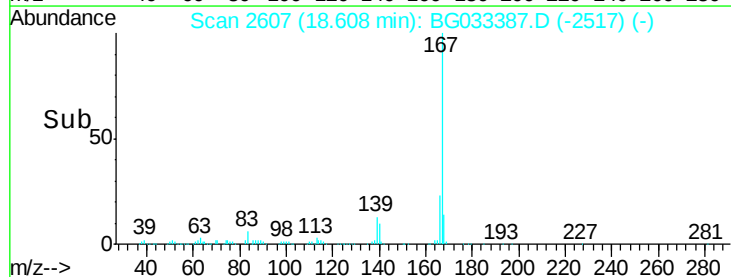
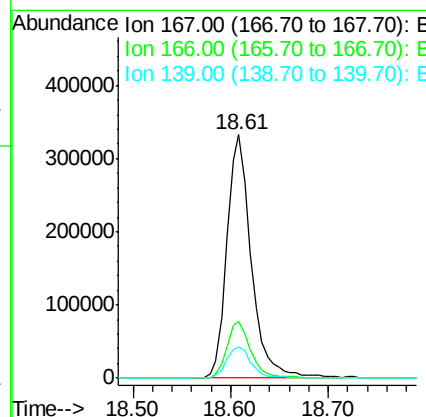
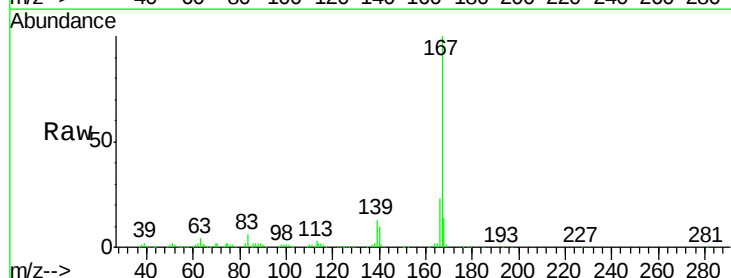
Instrument :
 BNA_G
 ClientSampled :

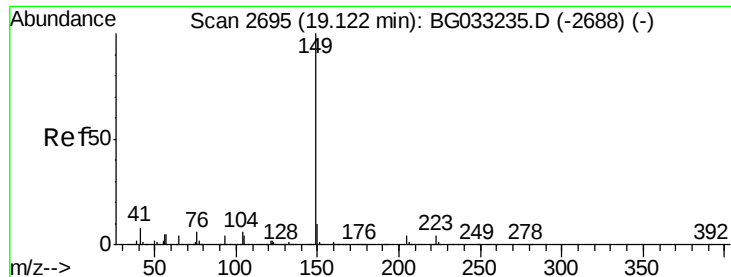
Tot Ion:178 Resp: 652409
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.0 24.0
 179 15.9 12.5 18.7



#72
 Carbazole
 Concen: 38.083 ng
 RT: 18.61 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: BG033387.D
 Acq: 28 Mar 2018 15:50

Tgt Ion:167 Resp: 574641
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.2 27.4
 139 12.6 9.4 14.2





#73

Di-n-butylphthalate

Concen: 39.367 ng

RT: 19.10 min Scan# 2691

Delta R.T. 0.00 min

Lab File: BG033387.D

Acq: 28 Mar 2018 15:50

Instrument :

BNA_G

ClientSampleId :

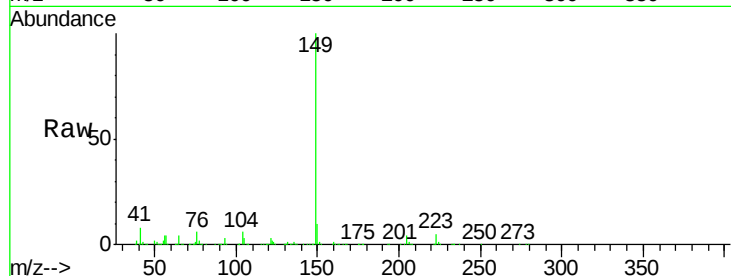
Tot Ion:149 Resp: 691422

Ion Ratio Lower Upper

149 100

150 9.9 7.8 11.6

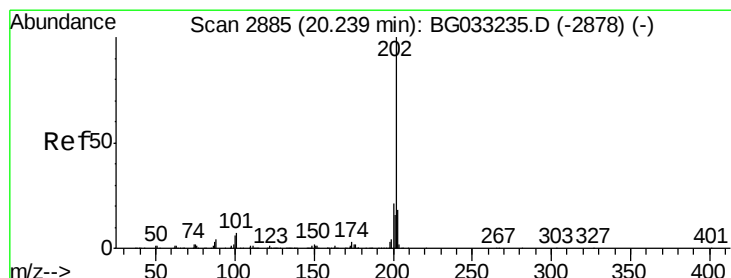
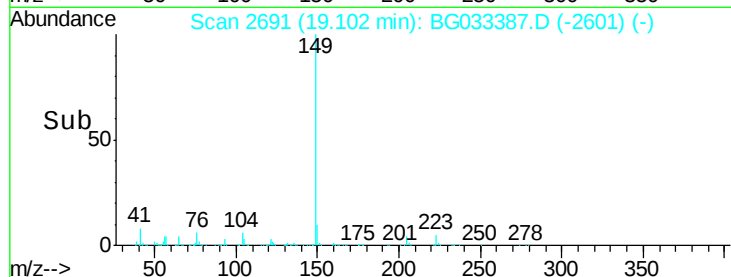
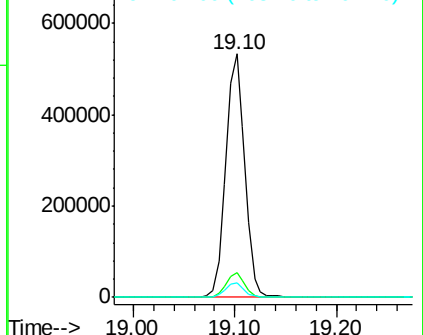
104 6.2 3.9 5.9#



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: 37.507 ng

RT: 20.21 min Scan# 2880

Delta R.T. 0.00 min

Lab File: BG033387.D

Acq: 28 Mar 2018 15:50

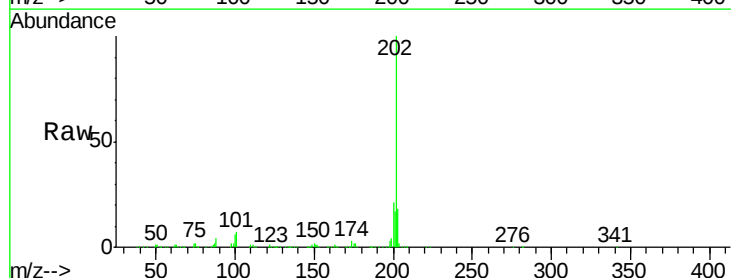
Tgt Ion:202 Resp: 780572

Ion Ratio Lower Upper

202 100

101 6.9 0.0 28.9

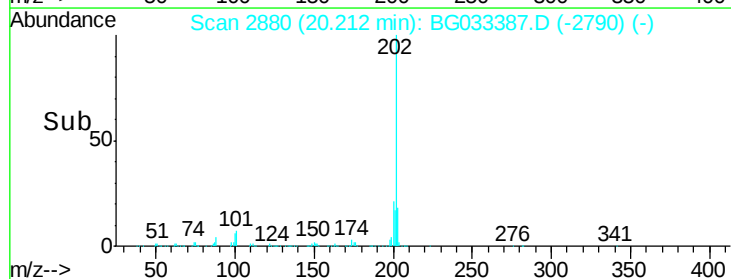
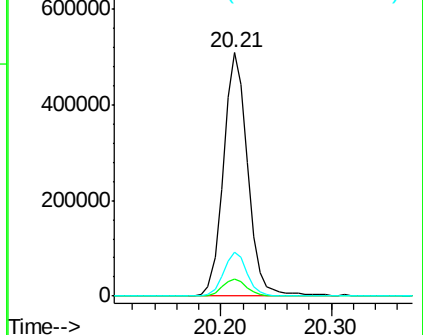
203 18.0 0.0 37.5

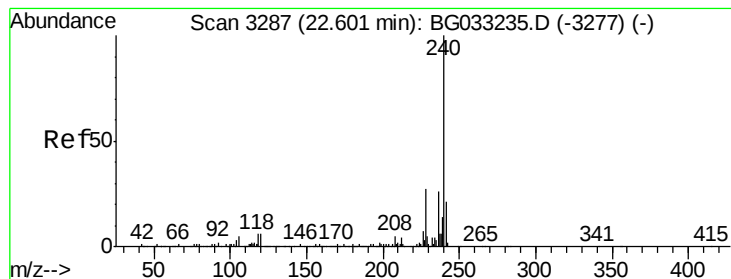


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3280

Delta R.T. 0.00 min

Lab File: BG033387.D

Acq: 28 Mar 2018 15:50

Instrument :

BNA_G

ClientSampleId :

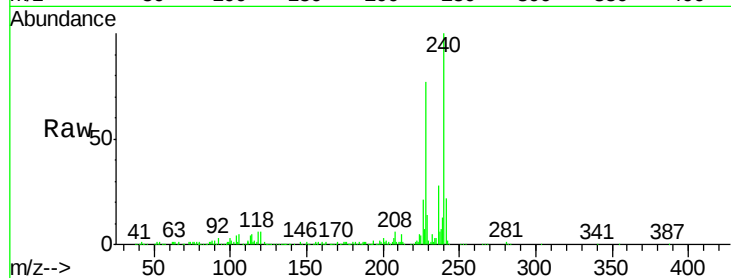
Tot Ion:240 Resp: 326887

Ion Ratio Lower Upper

240 100

120 5.9 6.8 10.2#

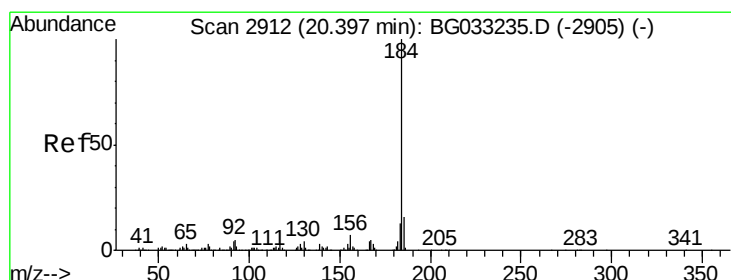
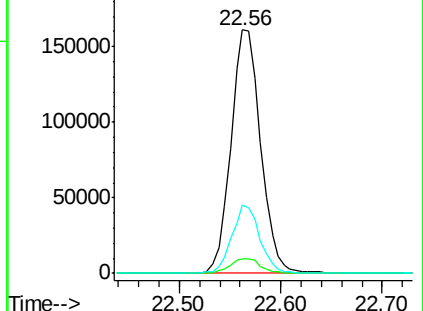
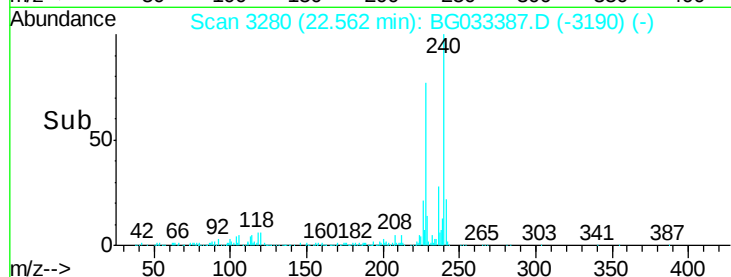
236 28.1 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 36.666 ng

RT: 20.37 min Scan# 2907

Delta R.T. 0.00 min

Lab File: BG033387.D

Acq: 28 Mar 2018 15:50

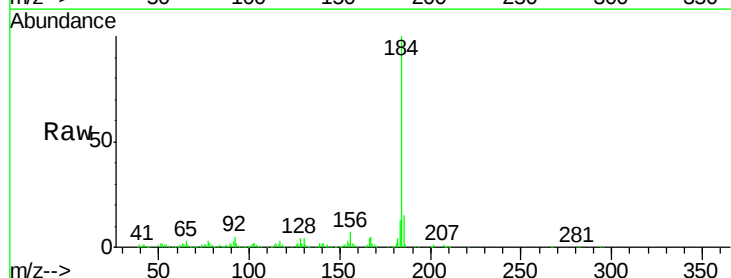
Tgt Ion:184 Resp: 325032

Ion Ratio Lower Upper

184 100

185 14.9 11.1 16.7

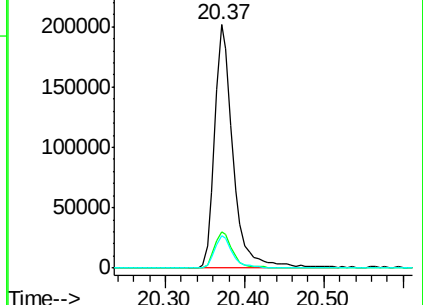
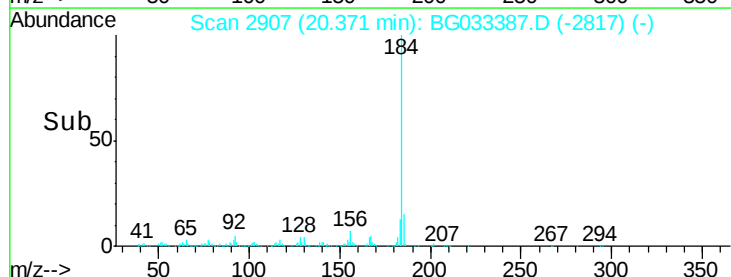
183 13.2 10.6 16.0

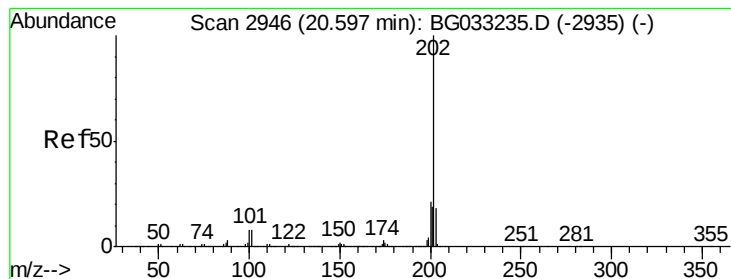


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.463 ng

RT: 20.57 min Scan# 2941

Delta R.T. 0.00 min

Lab File: BG033387.D

Acq: 28 Mar 2018 15:50

Instrument :

BNA_G

ClientSampleId :

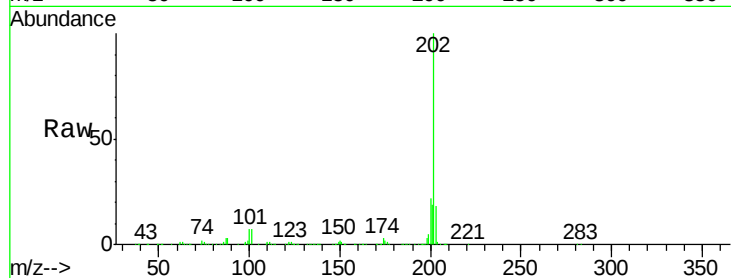
Tot Ion:202 Resp: 816752

Ion Ratio Lower Upper

202 100

200 21.6 16.9 25.3

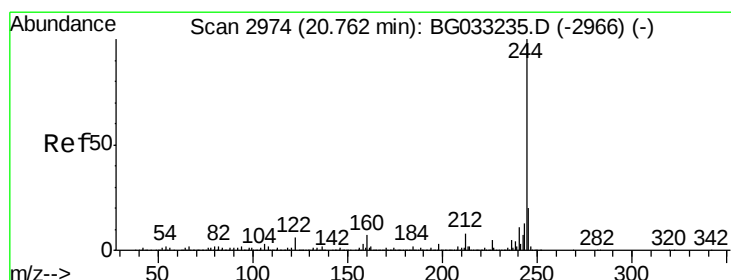
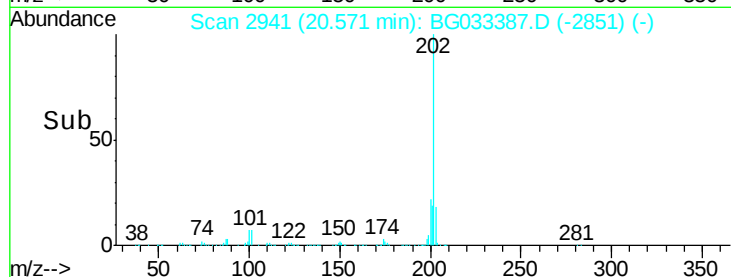
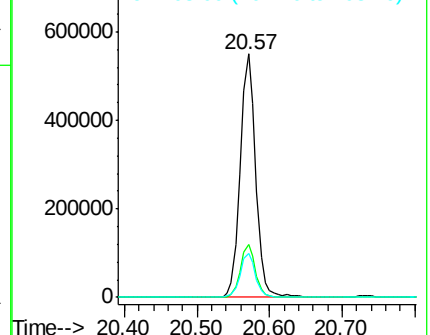
203 18.1 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 75.649 ng

RT: 20.74 min Scan# 2969

Delta R.T. 0.00 min

Lab File: BG033387.D

Acq: 28 Mar 2018 15:50

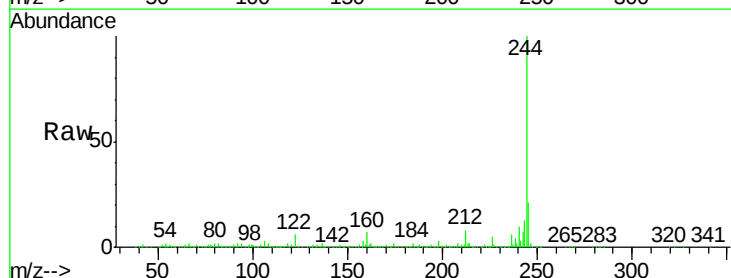
Tgt Ion:244 Resp: 1156300

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

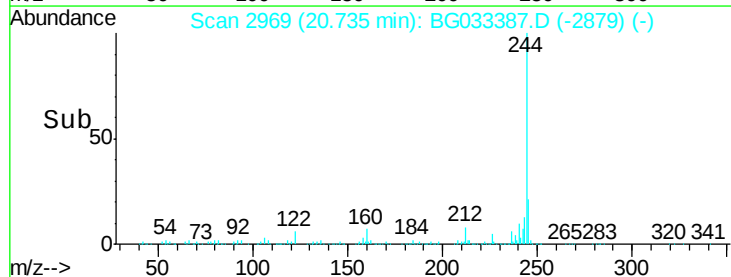
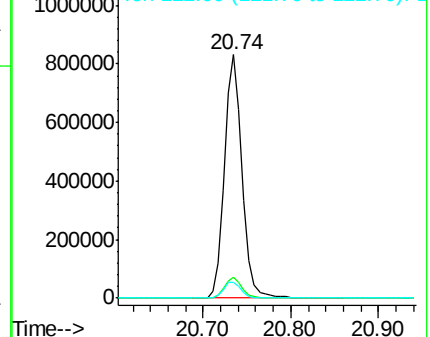
122 6.4 7.0 10.4#

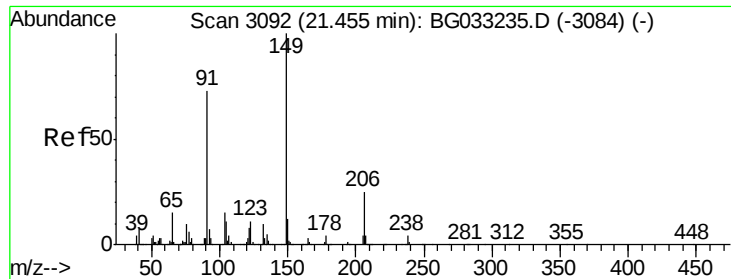


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

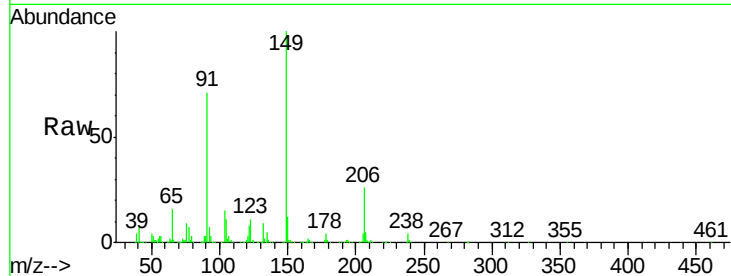




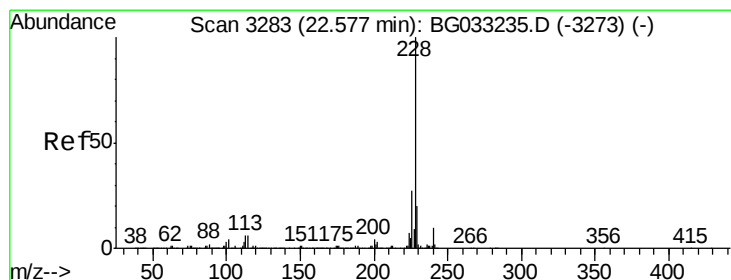
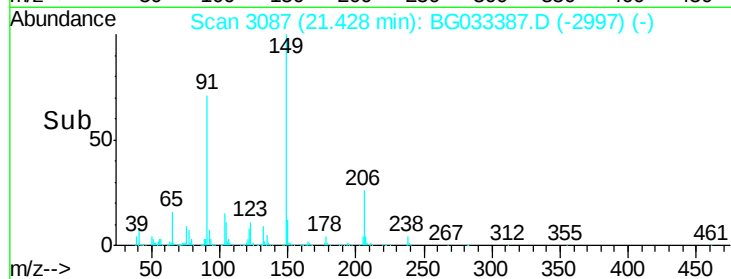
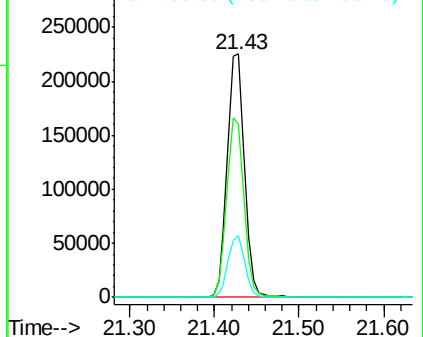
#79
Butylbenzylphthalate
Concen: 39.429 ng
RT: 21.43 min Scan# 3087
Delta R.T. 0.00 min
Lab File: BG033387.D
Acq: 28 Mar 2018 15:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 317214
Ion Ratio Lower Upper
149 100
91 71.0 62.2 93.2
206 25.7 18.6 27.8

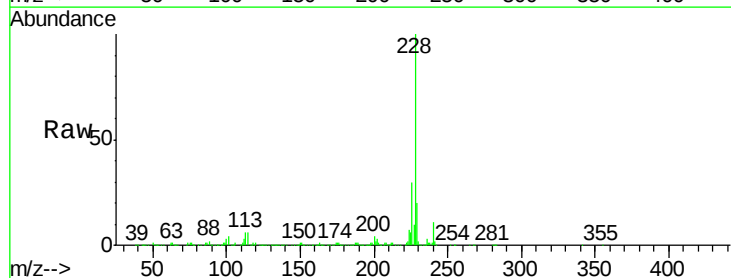


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

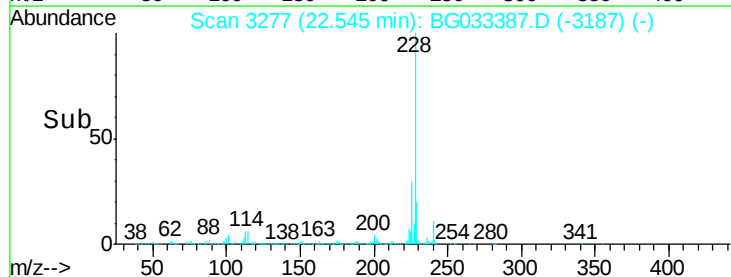
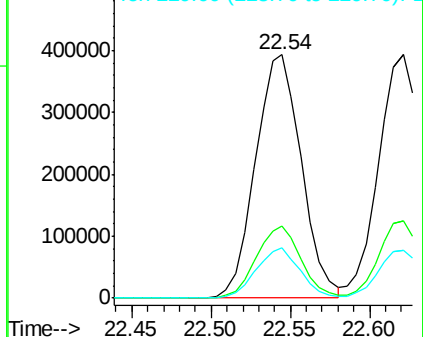


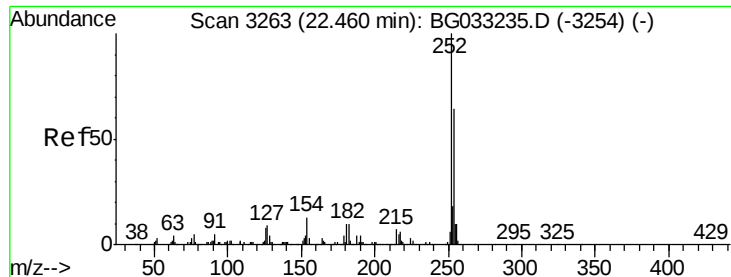
#80
Benzo(a)anthracene
Concen: 37.835 ng
RT: 22.54 min Scan# 3277
Delta R.T. 0.00 min
Lab File: BG033387.D
Acq: 28 Mar 2018 15:50

Tgt Ion:228 Resp: 787533
Ion Ratio Lower Upper
228 100
226 29.5 22.7 34.1
229 20.5 16.2 24.2



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

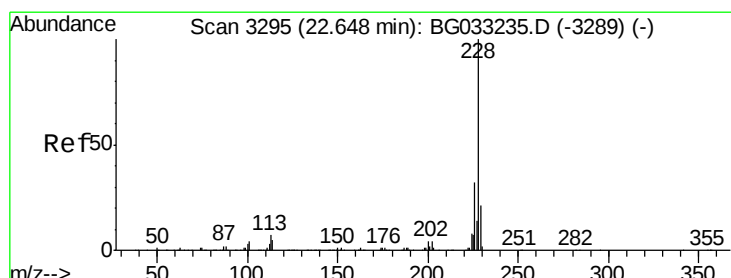
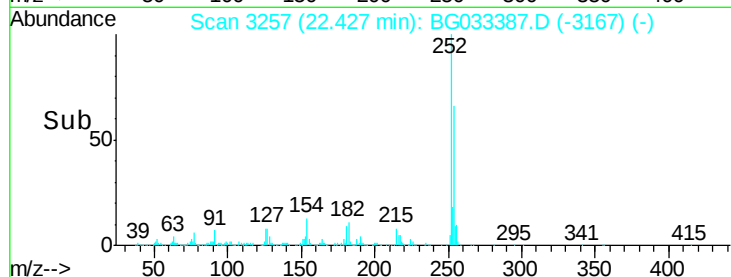
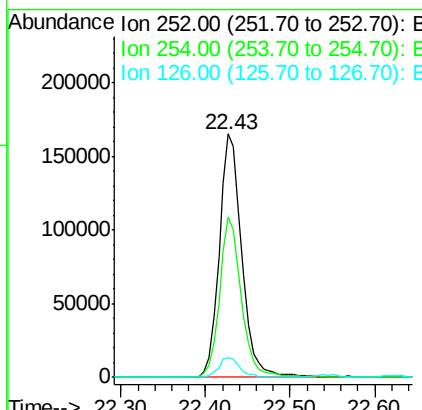
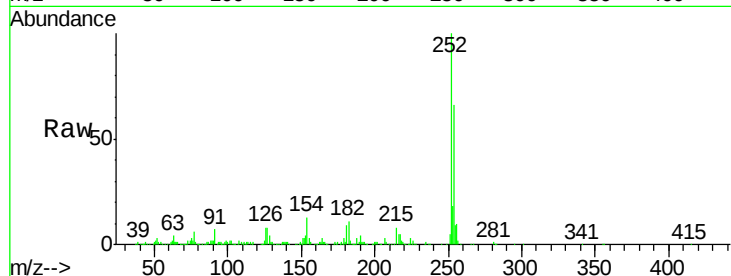




#81
 3,3'-Dichlorobenzidine
 Concen: 41.193 ng
 RT: 22.43 min Scan# 3257
 Delta R.T. 0.00 min
 Lab File: BG033387.D
 Acq: 28 Mar 2018 15:50

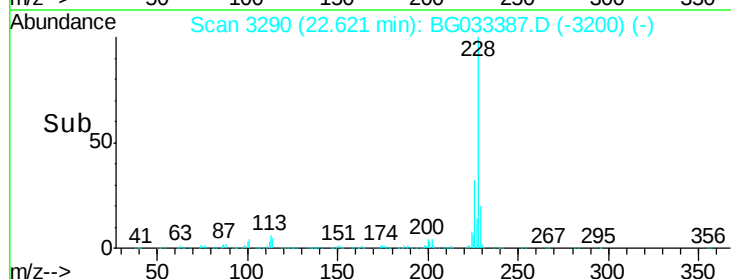
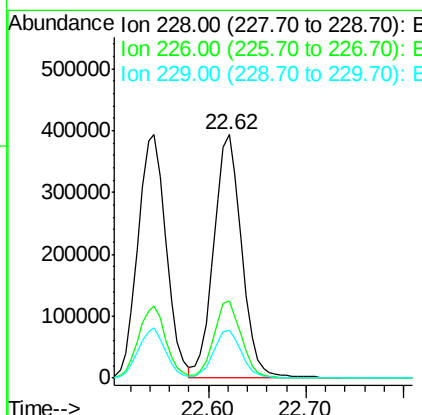
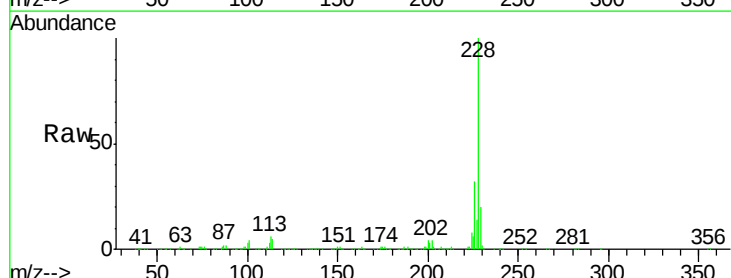
Instrument :
 BNA_G
 ClientSampleId :

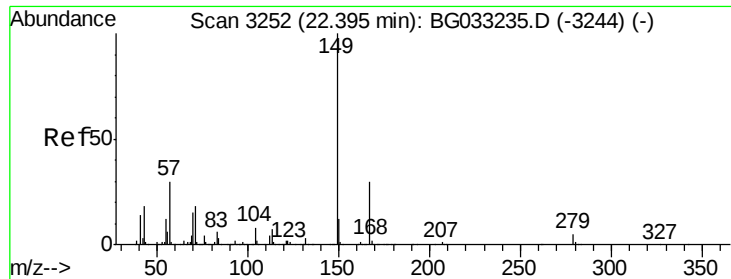
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.8	50.8	76.2
126	8.2	7.4	11.2



#82
 Chrysene
 Concen: 38.543 ng
 RT: 22.62 min Scan# 3290
 Delta R.T. 0.00 min
 Lab File: BG033387.D
 Acq: 28 Mar 2018 15:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.9	37.3
229	19.6	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.367 ng

RT: 22.36 min Scan# 3246

Delta R.T. 0.00 min

Lab File: BG033387.D

Acq: 28 Mar 2018 15:50

Instrument :

BNA_G

ClientSampleId :

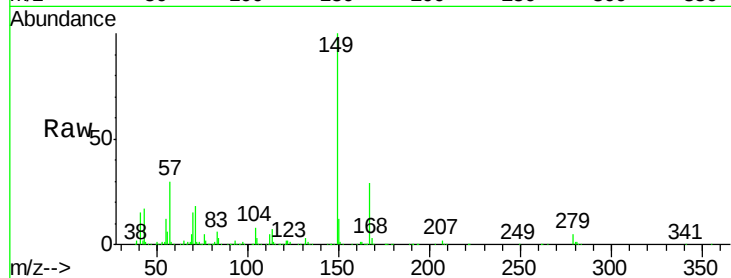
Tot Ion:149 Resp: 447680

Ion Ratio Lower Upper

149 100

167 29.0 24.3 36.5

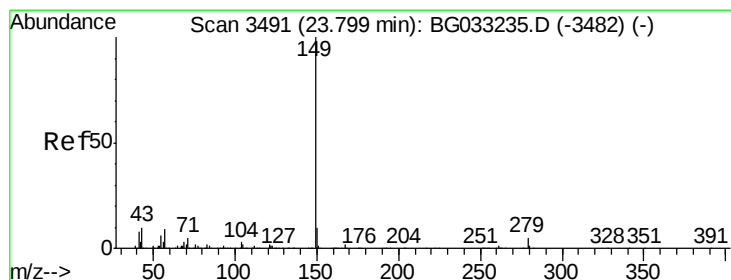
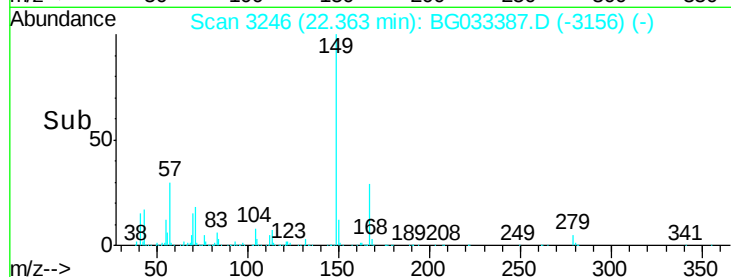
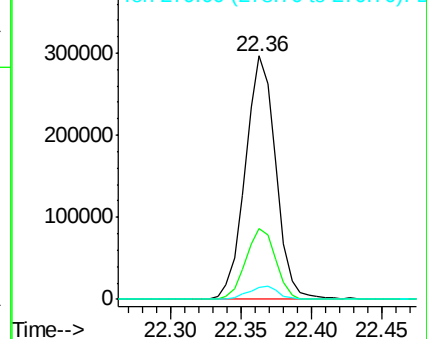
279 5.1 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.440 ng

RT: 23.76 min Scan# 3484

Delta R.T. 0.00 min

Lab File: BG033387.D

Acq: 28 Mar 2018 15:50

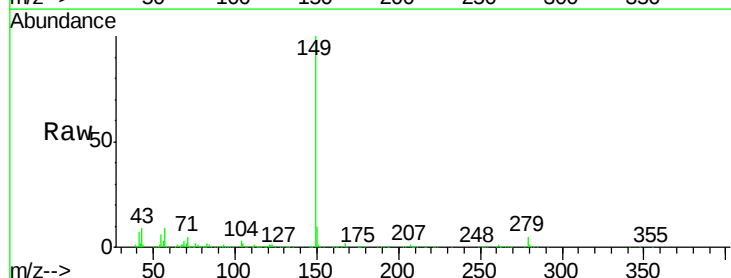
Tgt Ion:149 Resp: 720668

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

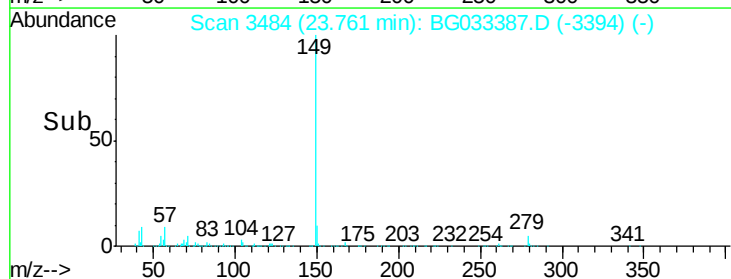
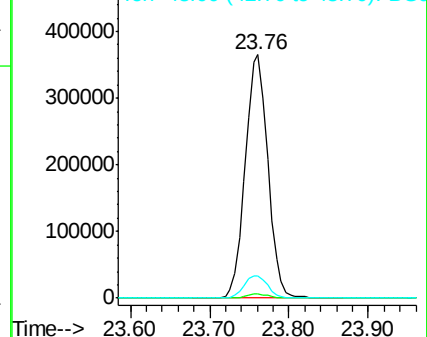
43 9.6 8.9 13.3

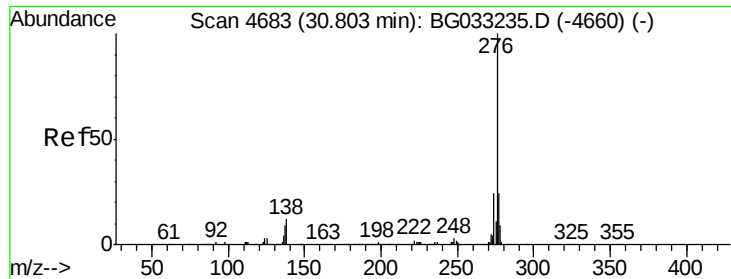


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

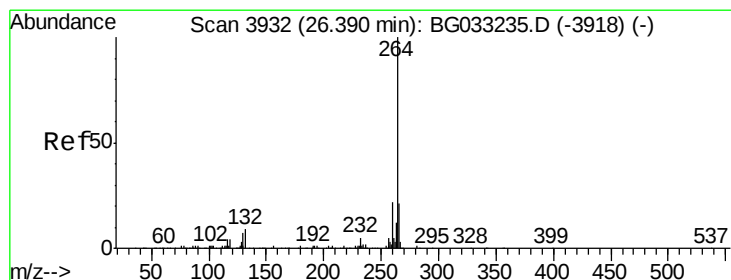
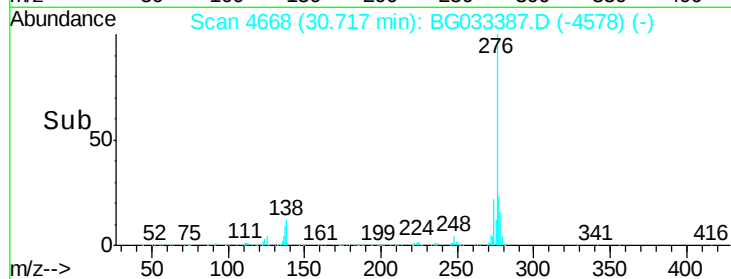
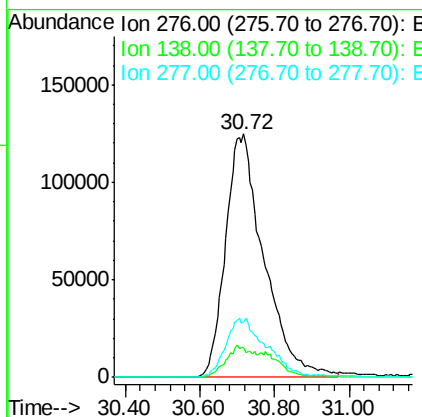
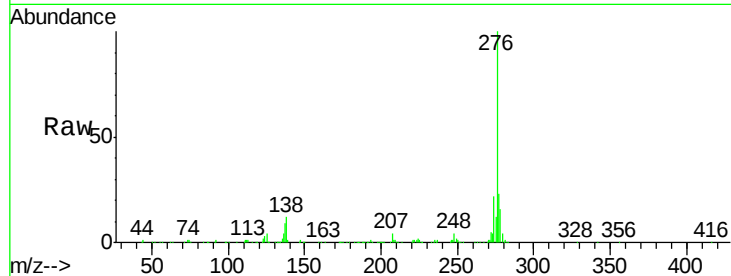




#85
Indeno(1,2,3-cd)pyrene
Concen: 40.852 ng
RT: 30.72 min Scan# 4668
Delta R.T. 0.00 min
Lab File: BG033387.D
Acq: 28 Mar 2018 15:50

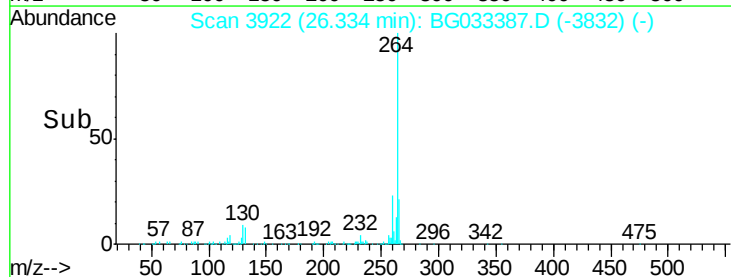
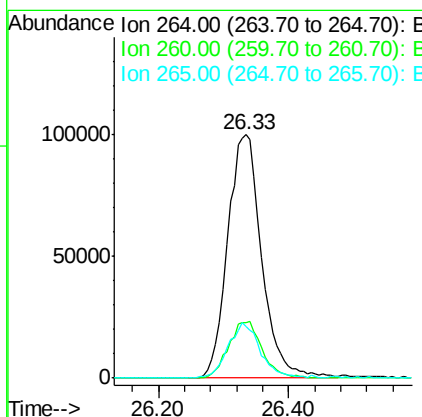
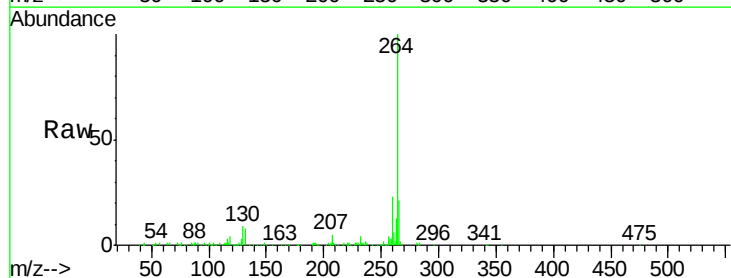
Instrument :
BNA_G
ClientSampleId :

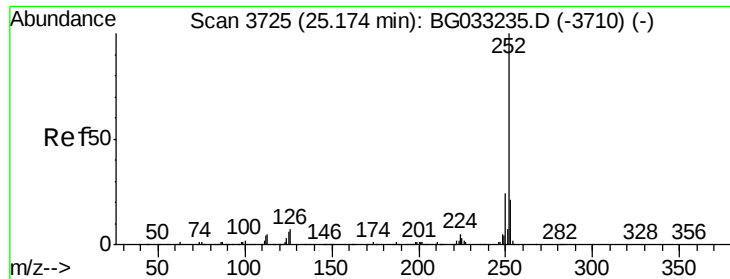
Tot Ion	Ratio	Lower	Upper
276	100		
138	9.5	16.0	24.0
277	25.3	20.0	30.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 26.33 min Scan# 3922
Delta R.T. 0.00 min
Lab File: BG033387.D
Acq: 28 Mar 2018 15:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.4	26.0
265	21.2	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 36.955 ng

RT: 25.12 min Scan# 3715

Delta R.T. 0.00 min

Lab File: BG033387.D

Acq: 28 Mar 2018 15:50

Instrument :

BNA_G

ClientSampleId :

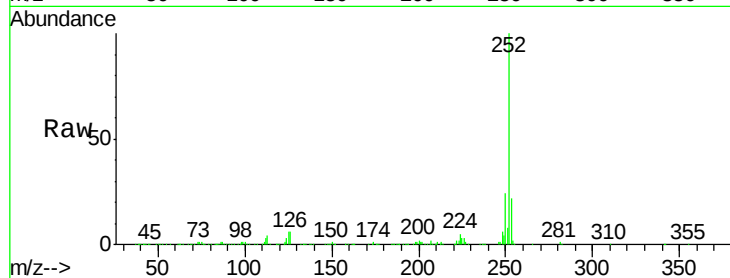
Tot Ion:252 Resp: 771106

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.4

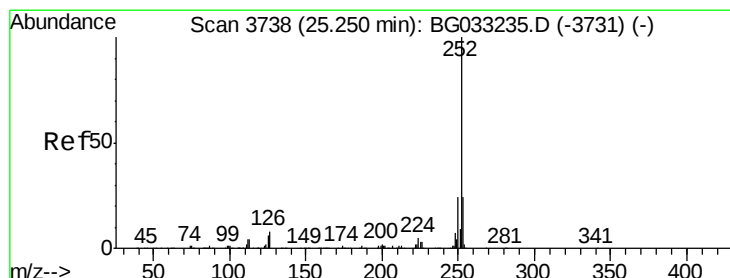
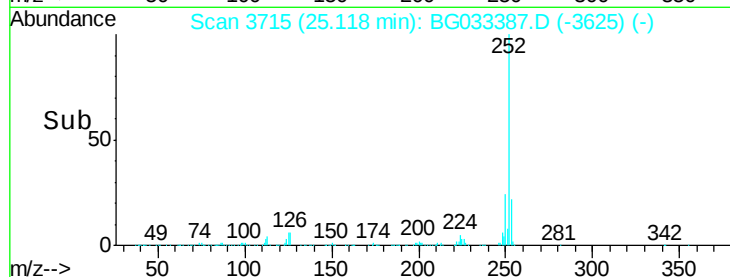
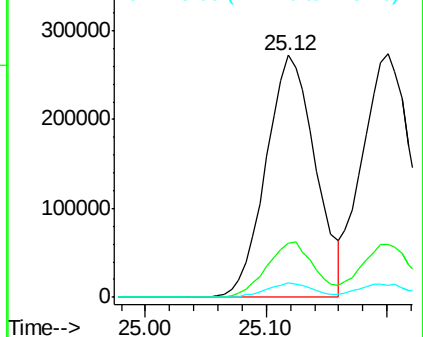
125 5.9 7.2 10.8#



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: 36.762 ng

RT: 25.20 min Scan# 3729

Delta R.T. 0.00 min

Lab File: BG033387.D

Acq: 28 Mar 2018 15:50

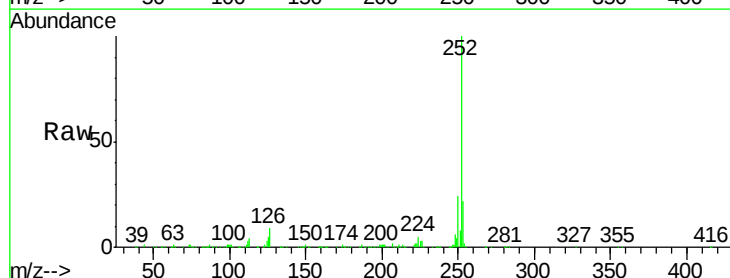
Tgt Ion:252 Resp: 775798

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

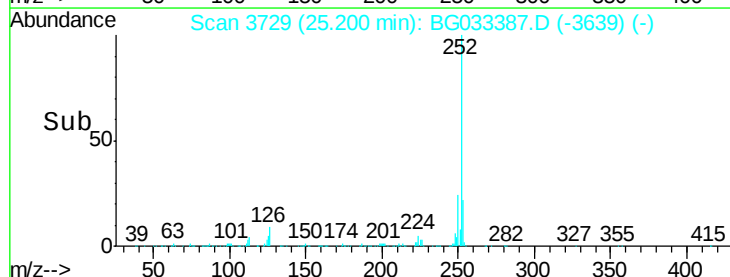
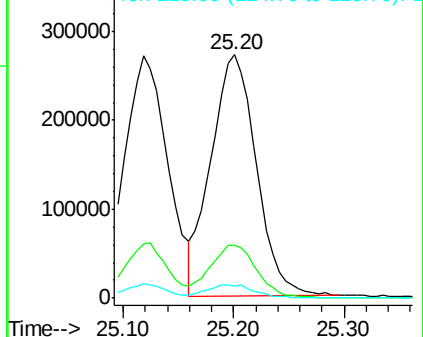
125 5.0 6.6 9.8#

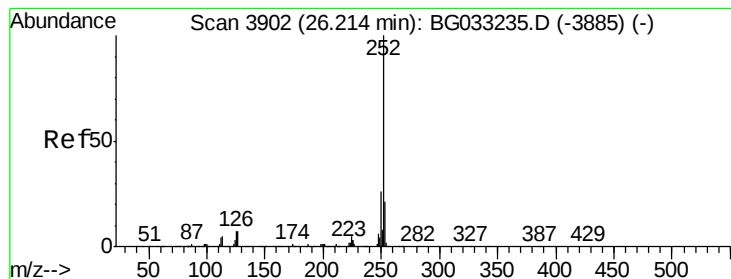


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.028 ng

RT: 26.15 min Scan# 3891

Delta R.T. 0.00 min

Lab File: BG033387.D

Acq: 28 Mar 2018 15:50

Instrument :

BNA_G

ClientSampleId :

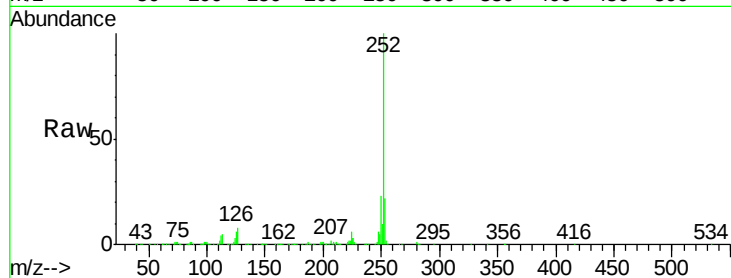
Tot Ion:252 Resp: 762006

Ion Ratio Lower Upper

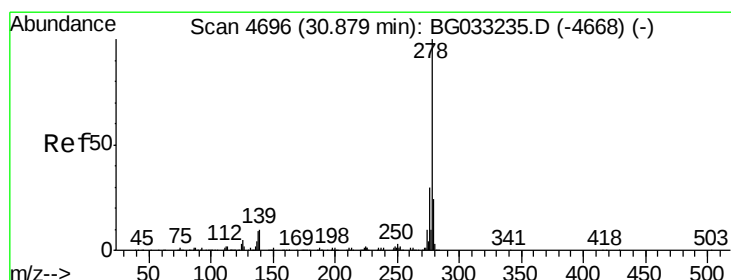
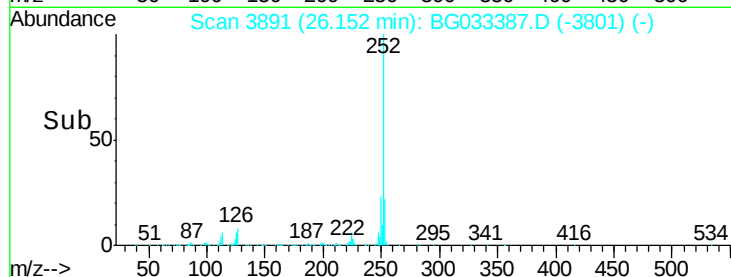
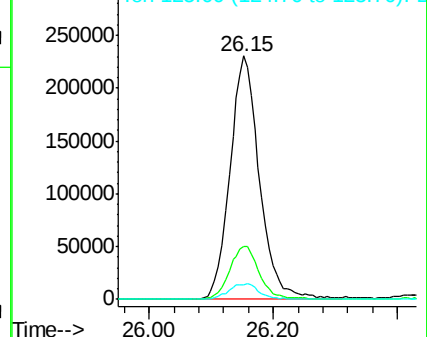
252 100

253 21.7 18.3 27.5

125 5.8 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.565 ng

RT: 30.78 min Scan# 4679

Delta R.T. 0.00 min

Lab File: BG033387.D

Acq: 28 Mar 2018 15:50

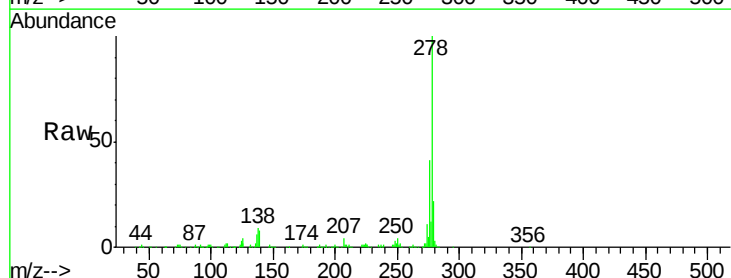
Tgt Ion:278 Resp: 727921

Ion Ratio Lower Upper

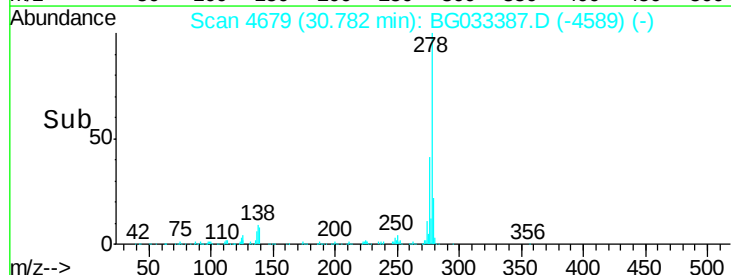
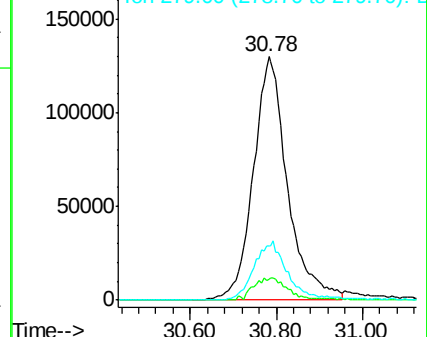
278 100

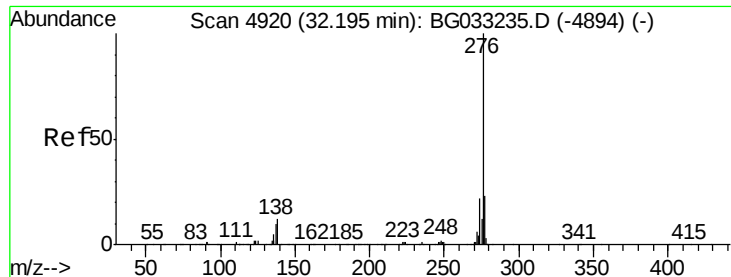
139 8.4 9.8 14.6#

279 22.0 18.4 27.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 38.317 ng
 RT: 32.09 min Scan# 4901
 Delta R.T. 0.00 min
 Lab File: BG033387.D
 Acq: 28 Mar 2018 15:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 716171
 Ion Ratio Lower Upper
 276 100
 277 23.7 18.3 27.5
 138 12.8 13.9 20.9#

