

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040618\
 Data File : BG033636.D
 Acq On : 6 Apr 2018 20:04
 Operator : SJ/JU
 Sample : J2214-03MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 07 00:51:30 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 05 17:36:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	39644	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	182608	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	136478	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	339460	20.00	ng	0.00
75) Chrysene-d12	22.56	240	338428	20.00	ng	0.00
86) Perylene-d12	26.33	264	357908	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.29	112	333772	157.87	ng	0.00
7) Phenol-d6	7.98	99	492132	135.47	ng	0.00
23) Nitrobenzene-d5	10.06	82	383108	96.39	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	269701	132.13	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	908723	96.12	ng	0.00
78) Terphenyl-d14	20.73	244	1503476	95.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.93	88	37407	34.840	ng	# 90
3) Pyridine	4.40	79	81429	27.435	ng	92
4) n-Nitrosodimethylamine	4.30	42	57552	47.250	ng	# 73
6) Aniline	8.16	93	55187	12.918	ng	# 95
8) 2-Chlorophenol	8.41	128	121794	50.391	ng	90
9) Benzaldehyde	7.97	77	25387	10.997	ng	84
10) Phenol	8.01	94	151699	42.297	ng	94
11) bis(2-Chloroethyl)ether	8.25	93	129545	44.252	ng	96
12) 1,3-Dichlorobenzene	8.75	146	114082	36.102	ng	95
13) 1,4-Dichlorobenzene	8.90	146	111543	35.246	ng	96
14) 1,2-Dichlorobenzene	9.23	146	116924	37.855	ng	94
15) Benzyl Alcohol	9.10	79	132713	46.401	ng	90
16) 2,2'-oxybis(1-Chloropropan	9.38	45	224250	46.989	ng	91
17) 2-Methylphenol	9.30	107	107834	44.135	ng	94
18) Hexachloroethane	9.98	117	47178	38.626	ng	98
19) n-Nitroso-di-n-propylamine	9.66	70	122851	46.152	ng	99
20) 3+4-Methylphenols	9.64	107	150953	43.393	ng	93
22) Acetophenone	9.70	105	196876	39.353	ng	# 96
24) Nitrobenzene	10.10	77	173465	40.775	ng	95
25) Isophorone	10.62	82	345436	44.780	ng	98
26) 2-Nitrophenol	10.83	139	72314	44.898	ng	# 83
27) 2,4-Dimethylphenol	10.86	122	123263	52.682	ng	87
28) bis(2-Chloroethoxy)methane	11.10	93	176093	45.751	ng	98
29) 2,4-Dichlorophenol	11.38	162	133136	46.269	ng	99
30) 1,2,4-Trichlorobenzene	11.60	180	143504	38.385	ng	99
31) Naphthalene	11.80	128	408981	43.220	ng	99
32) Benzoic acid	11.00	122	53180	24.450	ng	91
33) 4-Chloroaniline	11.91	127	13633	3.216	ng	94
34) Hexachlorobutadiene	12.05	225	96954	34.294	ng	98
35) Caprolactam	12.63	113	35495	31.487	ng	94
36) 4-Chloro-3-methylphenol	12.96	107	174026	46.370	ng	95
37) 2-Methylnaphthalene	13.35	142	311784	42.450	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	197987	40.049	ng	98
40) Hexachlorocyclopentadiene	13.67	237	193332	66.711	ng	92

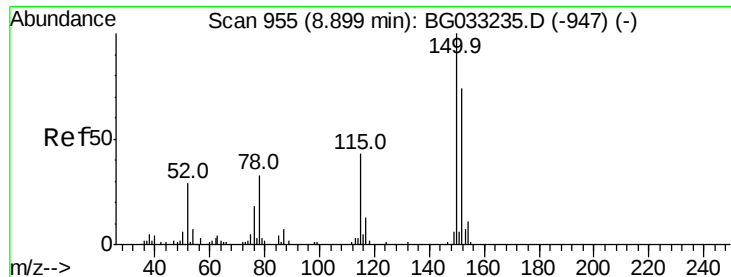
Data Path : Z:\HPCHEM1\BNA G\DATA\BG040618\
 Data File : BG033636.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 05 17:36:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	127338	44.334	nq	97
43) 2,4,5-Trichlorophenol	14.01	196	144963	42.699	nq	98
45) 1,1'-Biphenyl	14.32	154	446296	42.564	nq	95
46) 2-Chloronaphthalene	14.38	162	340343	42.097	nq	98
47) 2-Nitroaniline	14.57	65	142523	47.066	nq	90
48) Acenaphthylene	15.21	152	568225	42.107	nq	98
49) Dimethylphthalate	14.90	163	482735	40.644	nq	100
50) 2,6-Dinitrotoluene	15.04	165	106218	43.737	nq	96
51) Acenaphthene	15.54	154	397506	45.694	nq	97
52) 3-Nitroaniline	15.38	138	32086	12.602	nq	# 85
53) 2,4-Dinitrophenol	15.58	184	85793	69.342	nq	# 72
54) Dibenzofuran	15.87	168	558753	43.483	nq	92
55) 4-Nitrophenol	15.66	139	130178	72.710	nq	# 83
56) 2,4-Dinitrotoluene	15.82	165	157279	43.984	nq	93
57) Fluorene	16.51	166	469522	42.889	nq	96
58) 2,3,4,6-Tetrachlorophenol	16.09	232	129804	40.613	nq	98
59) Diethylphthalate	16.24	149	492563	42.708	nq	99
60) 4-Chlorophenyl-phenylether	16.49	204	255184	40.551	nq	96
61) 4-Nitroaniline	16.53	138	95403	37.001	nq	86
62) Azobenzene	16.78	77	508876	45.549	nq	97
64) 4,6-Dinitro-2-methylphenol	16.58	198	73775	36.329	nq	98
65) n-Nitrosodiphenylamine	16.70	169	432026	44.580	nq	98
66) 4-Bromophenyl-phenylether	17.38	248	166064	41.655	nq	# 92
67) Hexachlorobenzene	17.51	284	169253	40.228	nq	95
68) Atrazine	17.62	200	161758	41.191	nq	97
69) Pentachlorophenol	17.85	266	193545	67.023	nq	96
70) Phenanthrene	18.25	178	771962	43.665	nq	99
71) Anthracene	18.35	178	797015	44.525	nq	99
72) Carbazole	18.61	167	688839	43.426	nq	97
73) Di-n-butylphthalate	19.09	149	831905	45.058	nq	# 98
74) Fluoranthene	20.21	202	938671	42.906	nq	99
76) Benzidine	20.39	184	25297	2.756	nq	# 90
77) Pyrene	20.56	202	944646	41.852	nq	99
79) Butylbenzylphthalate	21.42	149	385913	46.332	nq	97
80) Benzo(a)anthracene	22.54	228	923668	42.862	nq	99
81) 3,3'-Dichlorobenzidine	22.42	252	120385	15.699	nq	96
82) Chrysene	22.61	228	881053	42.236	nq	99
83) Bis(2-ethylhexyl)phthalate	22.35	149	537056	46.774	nq	97
84) Di-n-octyl phthalate	23.75	149	923999	52.559	nq	100
85) Indeno(1,2,3-cd)pyrene	30.72	276	955310	42.357	nq	# 62
87) Benzo(b)fluoranthene	25.12	252	910359	44.025	nq	# 97
88) Benzo(k)fluoranthene	25.19	252	916400	43.819	nq	97
89) Benzo(a)pyrene	26.15	252	889698	44.804	nq	98
90) Dibenzo(a,h)anthracene	30.78	278	778963	41.644	nq	98
91) Benzo(g,h,i)perylene	32.09	276	792365	42.778	nq	98

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

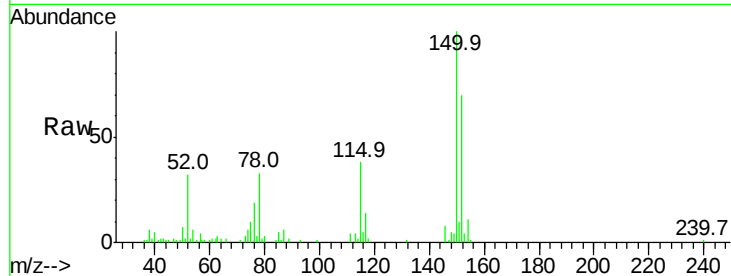


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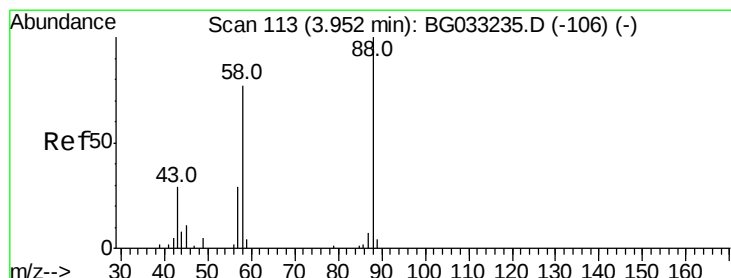
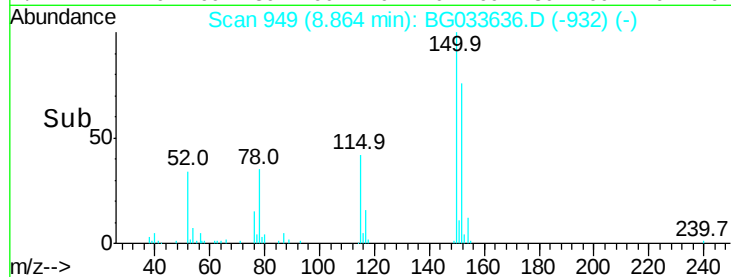
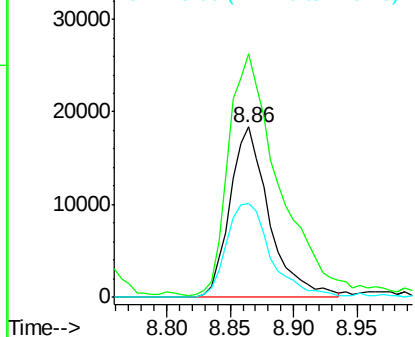
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. 0.00 min
Lab File: BG033636.D
Acq: 6 Apr 2018 20:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 39644
Ion Ratio Lower Upper
152 100
150 143.0 126.6 189.8
115 54.9 53.0 79.4



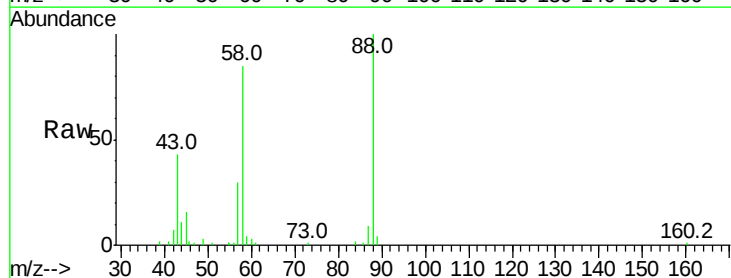
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



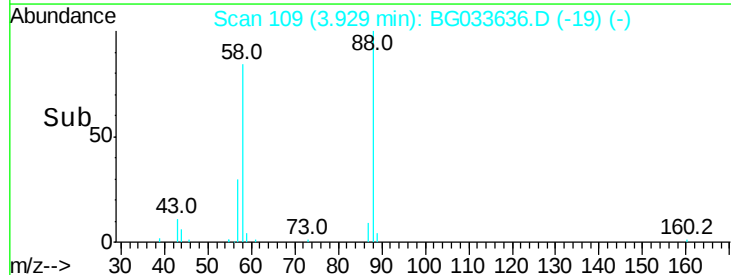
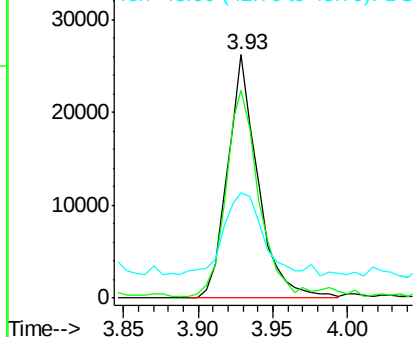
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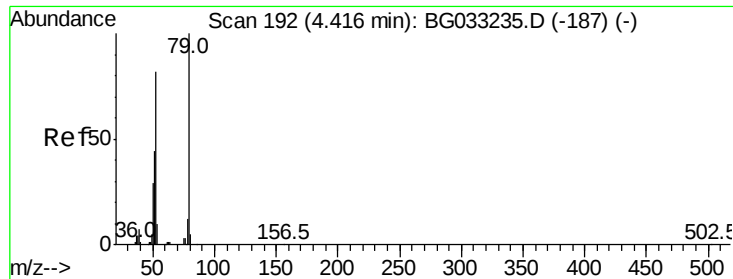
1,4-Dioxane
Concen: 34.840 ng
RT: 3.93 min Scan# 109
Delta R.T. 0.00 min
Lab File: BG033636.D
Acq: 6 Apr 2018 20:04

Tgt Ion: 88 Resp: 37407
Ion Ratio Lower Upper
88 100
58 91.0 79.6 119.4
43 42.2 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: 27.435 ng

RT: 4.40 min Scan# 189

Delta R.T. 0.01 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

Instrument :

BNA_G

ClientSampleId :

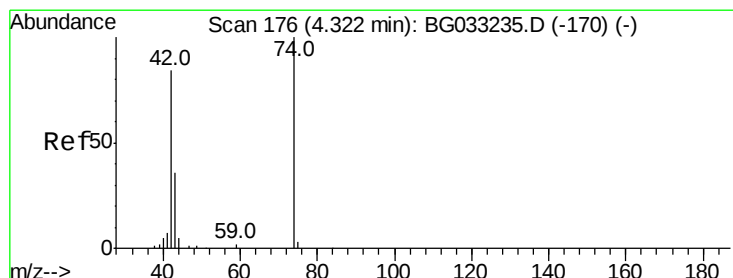
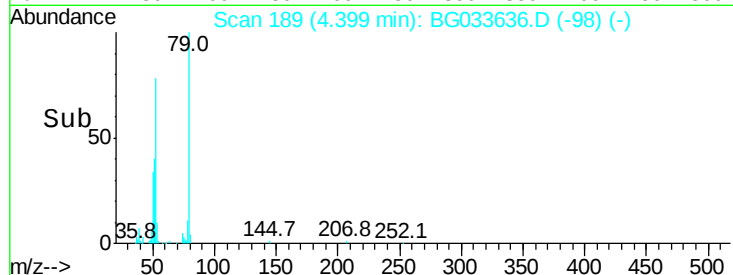
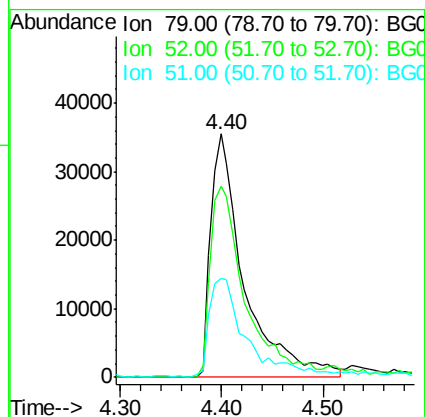
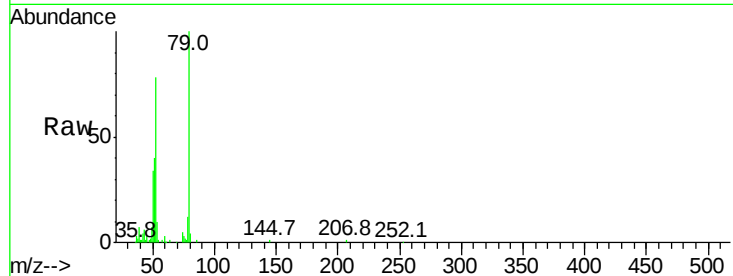
Tot Ion: 79 Resp: 81429

Ion Ratio Lower Upper

79 100

52 78.4 69.9 104.9

51 40.5 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 47.250 ng

RT: 4.30 min Scan# 172

Delta R.T. 0.00 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

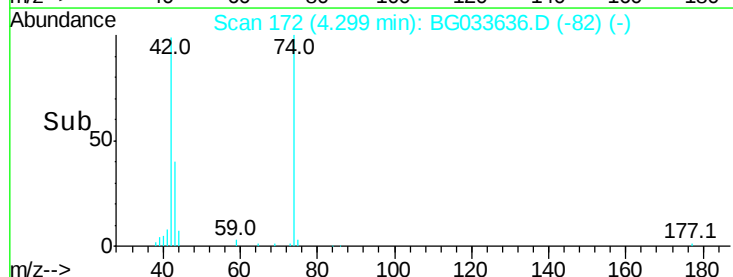
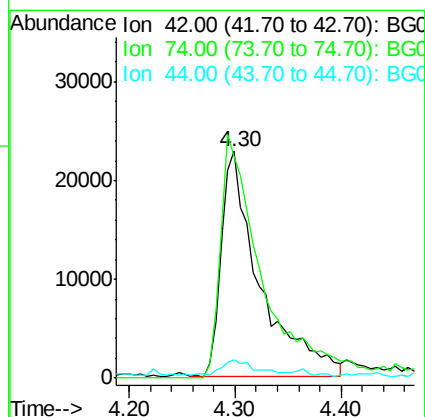
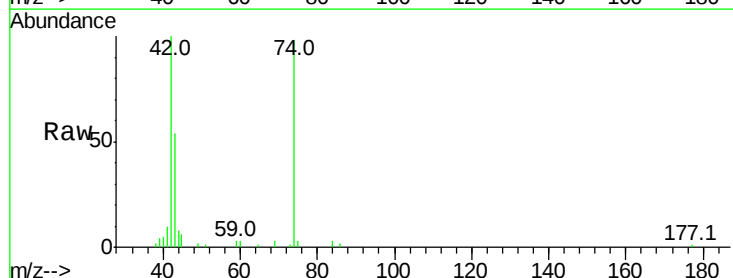
Tgt Ion: 42 Resp: 57552

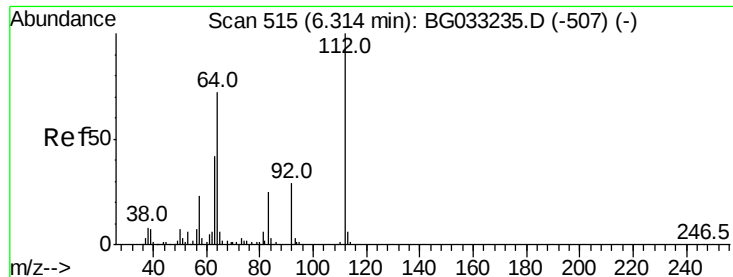
Ion Ratio Lower Upper

42 100

74 97.9 102.5 153.7#

44 8.1 18.9 28.3#





#5

2-Fluorophenol

Concen: 157.871 ng

RT: 6.29 min Scan# 510

Delta R.T. -0.01 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

Instrument :

BNA_G

ClientSampled :

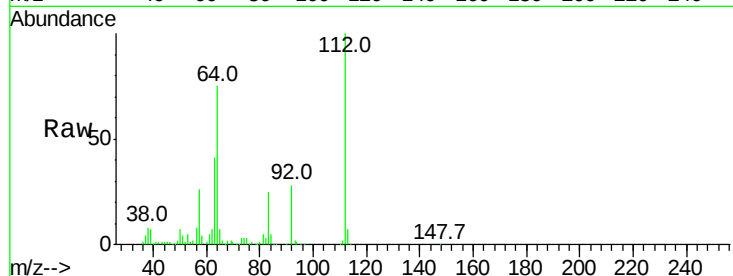
Tot Ion:112 Resp: 333772

Ion Ratio Lower Upper

112 100

64 75.1 56.3 84.5

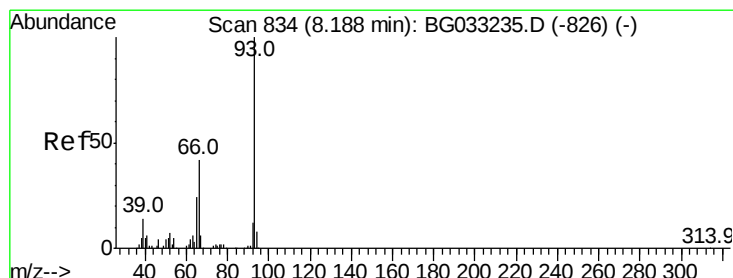
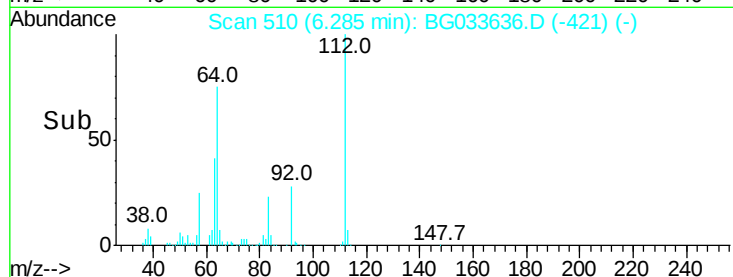
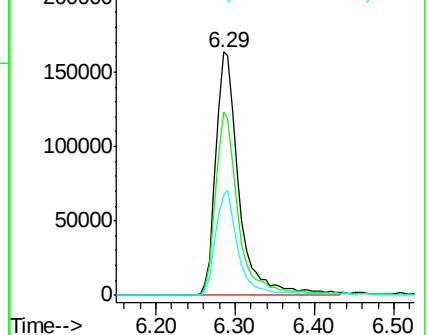
63 41.2 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 12.918 ng

RT: 8.16 min Scan# 829

Delta R.T. 0.00 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

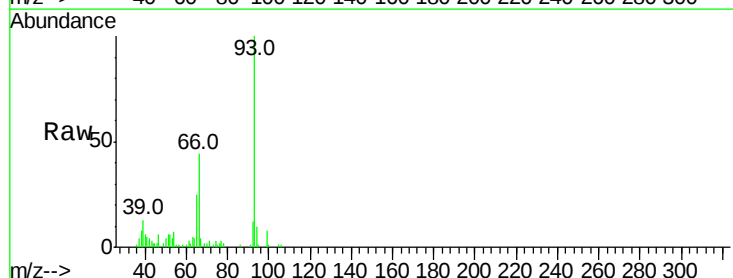
Tgt Ion: 93 Resp: 55187

Ion Ratio Lower Upper

93 100

66 44.2 33.7 50.5

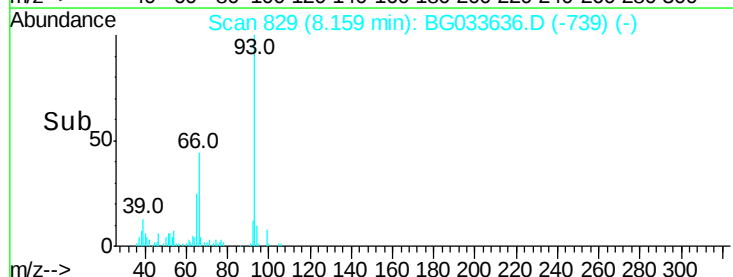
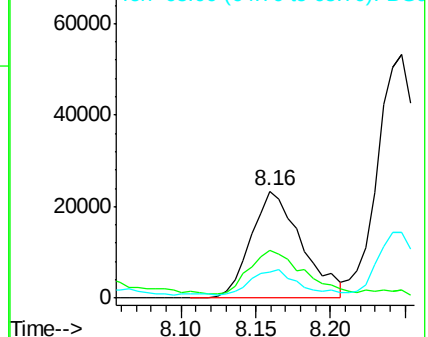
65 24.6 16.1 24.1#

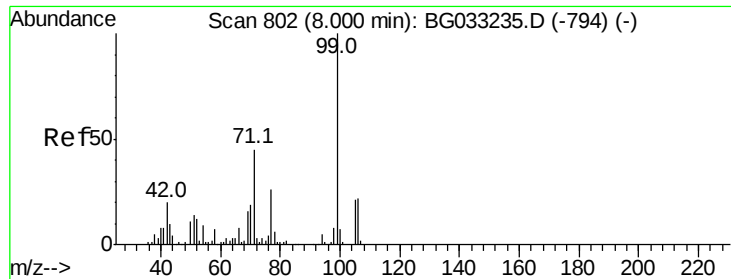


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 135.475 ng

RT: 7.98 min Scan# 798

Delta R.T. 0.01 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

Instrument :

BNA_G

ClientSampleId :

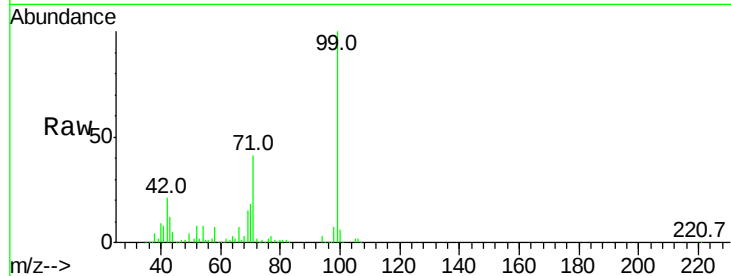
Tot Ion: 99 Resp: 492132

Ion Ratio Lower Upper

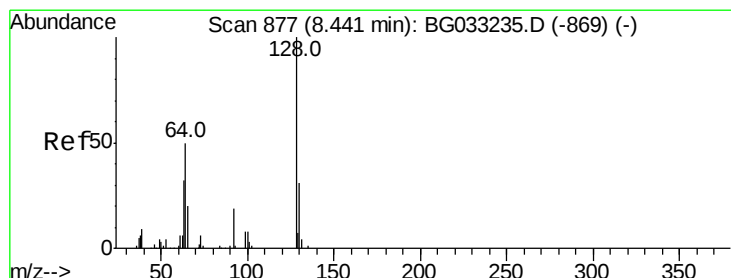
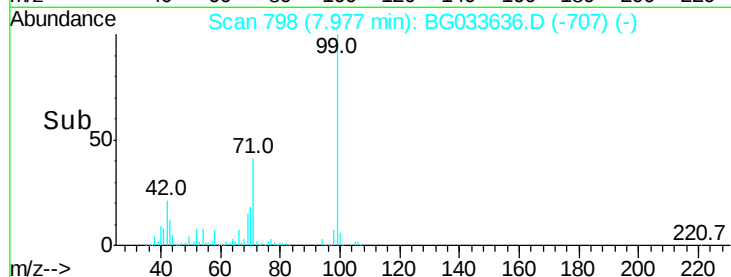
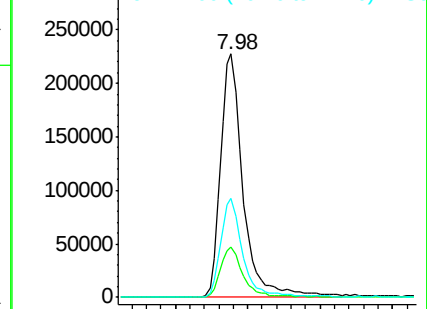
99 100

42 20.9 14.1 21.1

71 40.7 26.1 39.1#



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



#8

2-Chlorophenol

Concen: 50.391 ng

RT: 8.41 min Scan# 871

Delta R.T. -0.01 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

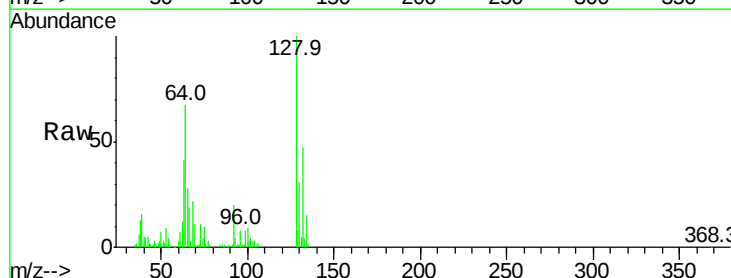
Tgt Ion:128 Resp: 121794

Ion Ratio Lower Upper

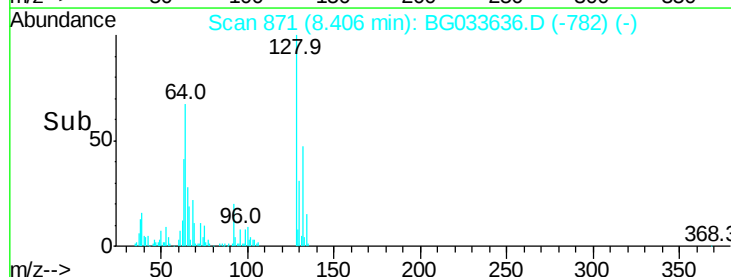
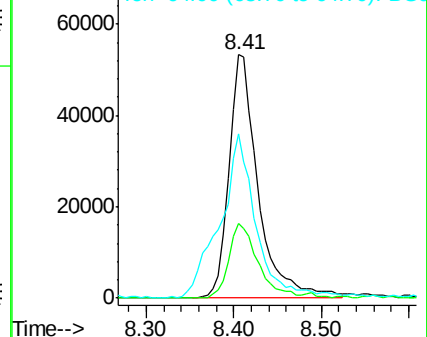
128 100

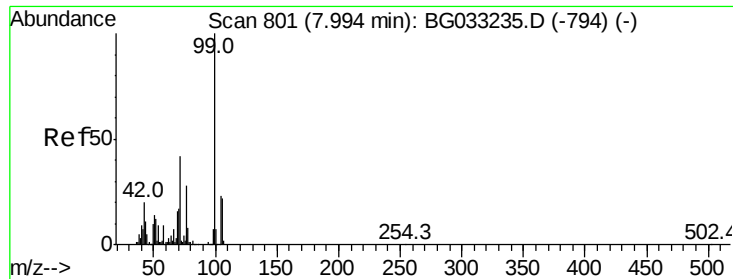
130 30.5 14.0 54.0

64 67.4 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: 10.997 ng

RT: 7.97 min Scan# 796

Delta R.T. 0.00 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

Instrument :

BNA_G

ClientSampled :

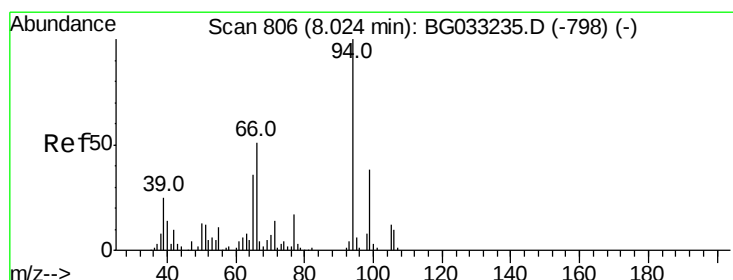
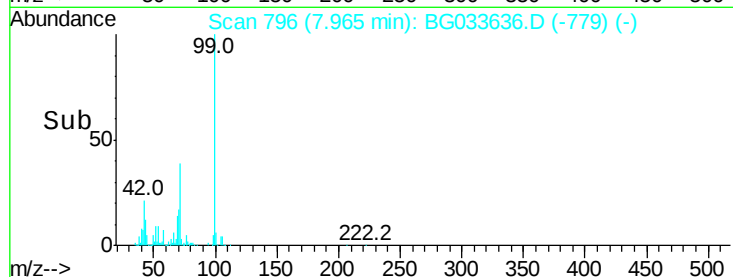
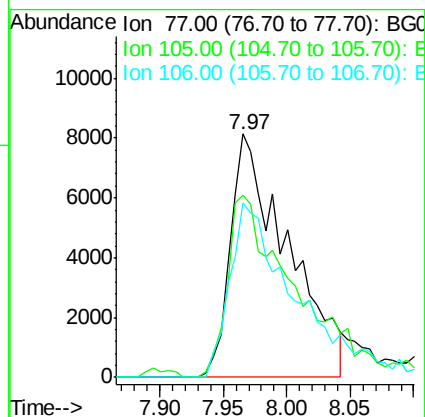
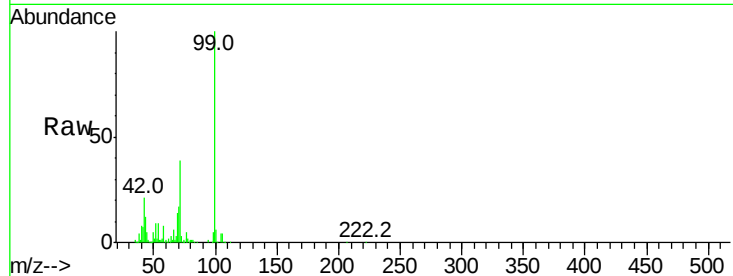
Tot Ion: 77 Resp: 25387

Ion Ratio Lower Upper

77 100

105 74.9 71.3 111.3

106 71.7 64.2 104.2



#10

Phenol

Concen: 42.297 ng

RT: 8.01 min Scan# 803

Delta R.T. 0.00 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

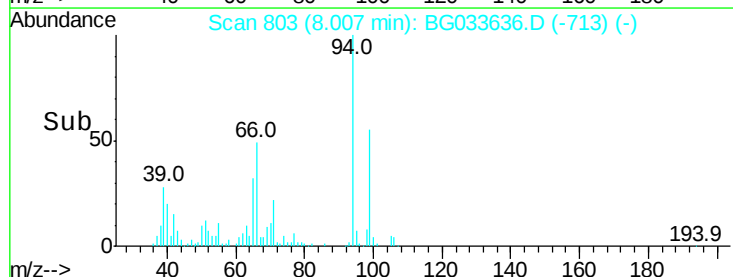
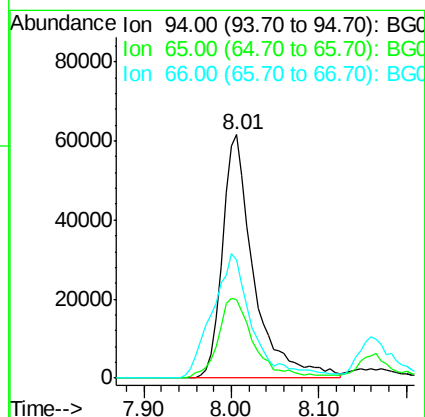
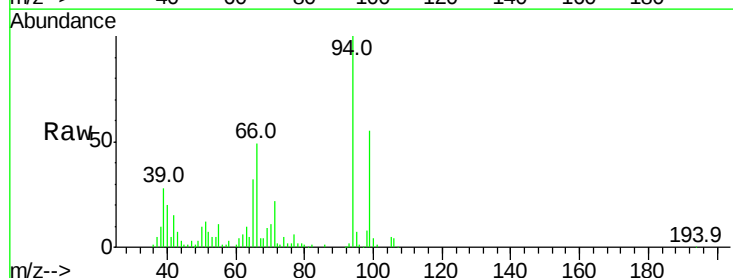
Tgt Ion: 94 Resp: 151699

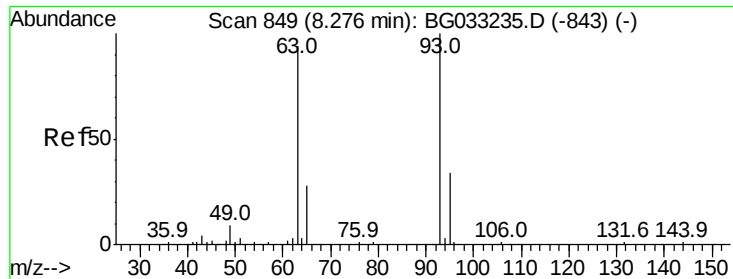
Ion Ratio Lower Upper

94 100

65 32.3 11.9 51.9

66 48.8 22.2 62.2

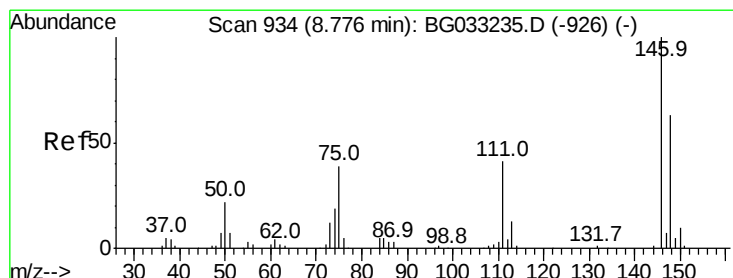
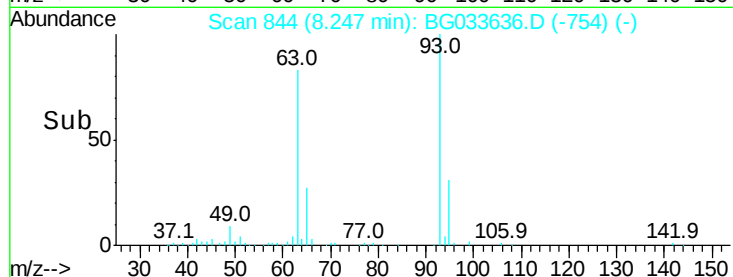
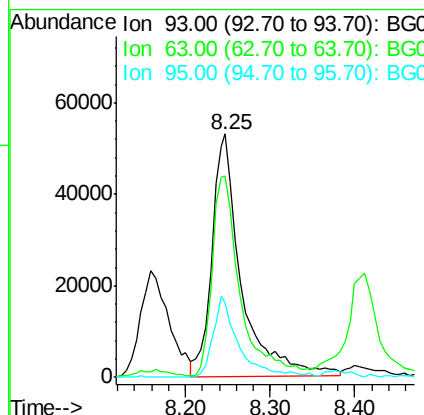
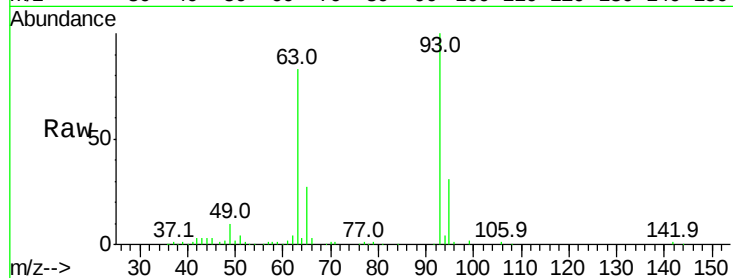




#11
 bis(2-Chloroethyl)ether
 Concen: 44.252 ng
 RT: 8.25 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: BG033636.D
 Acq: 6 Apr 2018 20:04

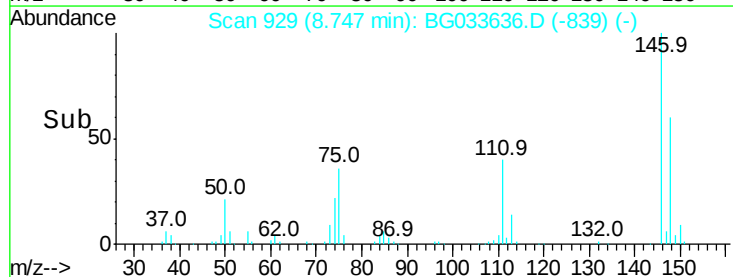
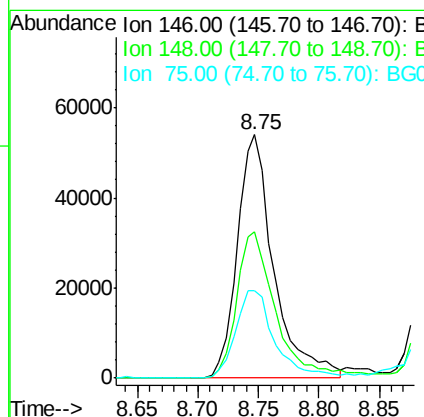
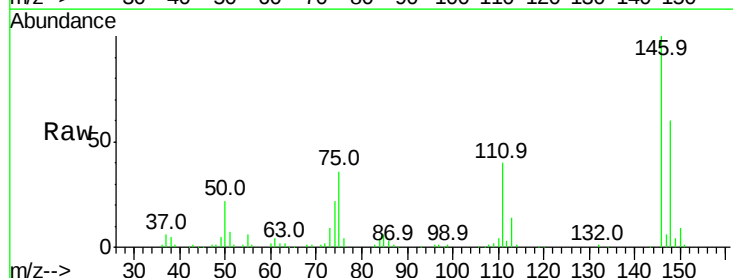
Instrument :
 BNA_G
 ClientSampleId :

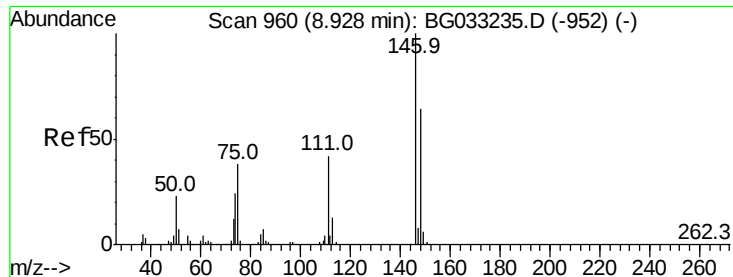
Tot Ion: 93 Resp: 129545
 Ion Ratio Lower Upper
 93 100
 63 82.8 67.1 107.1
 95 30.7 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 36.102 ng
 RT: 8.75 min Scan# 929
 Delta R.T. 0.00 min
 Lab File: BG033636.D
 Acq: 6 Apr 2018 20:04

Tgt Ion: 146 Resp: 114082
 Ion Ratio Lower Upper
 146 100
 148 60.1 51.4 77.2
 75 35.9 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 35.246 ng

RT: 8.90 min Scan# 955

Delta R.T. 0.00 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

Instrument :

BNA_G

ClientSampleId :

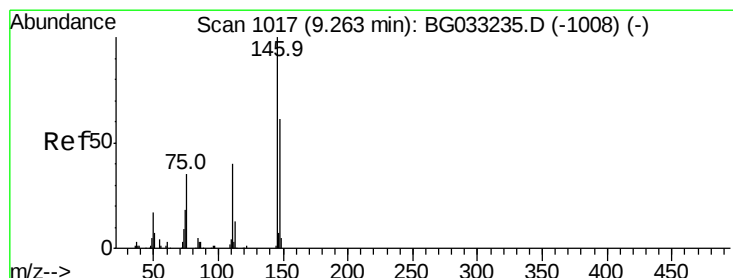
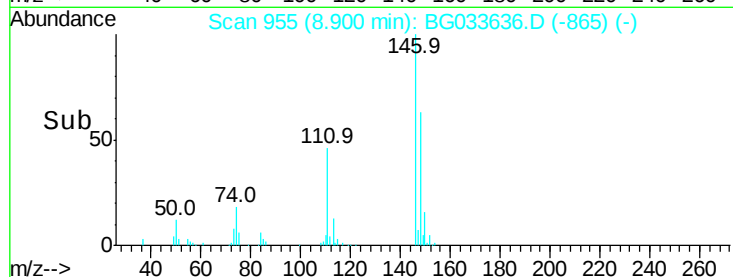
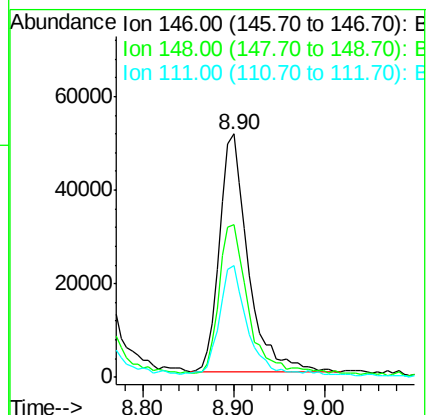
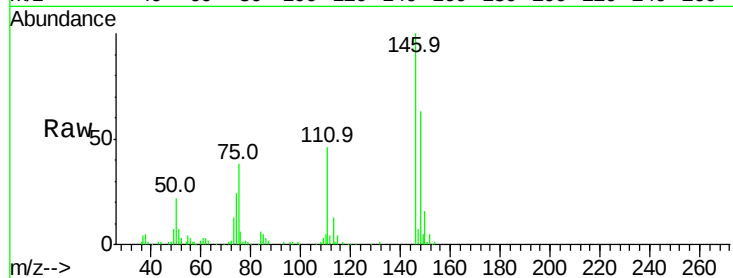
Tot Ion:146 Resp: 111543

Ion Ratio Lower Upper

146 100

148 62.9 53.7 80.5

111 46.0 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 37.855 ng

RT: 9.23 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

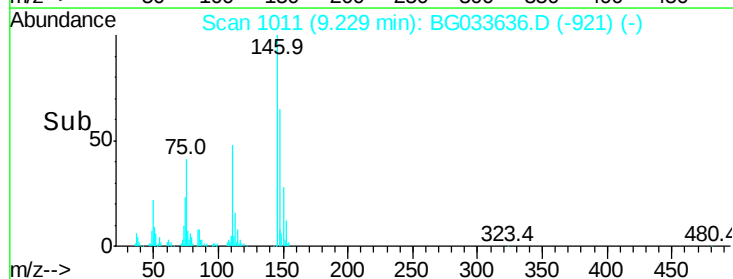
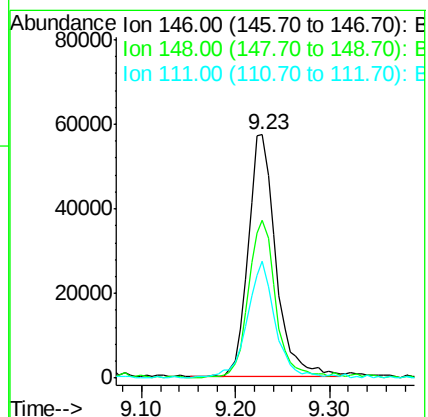
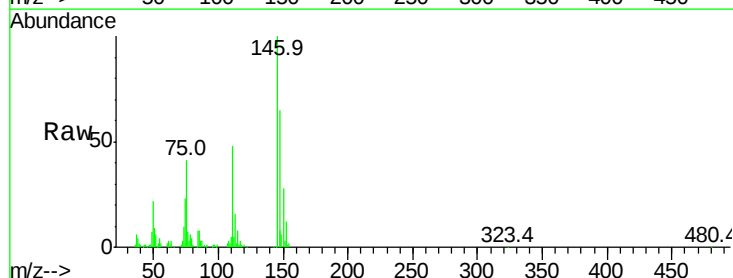
Tgt Ion:146 Resp: 116924

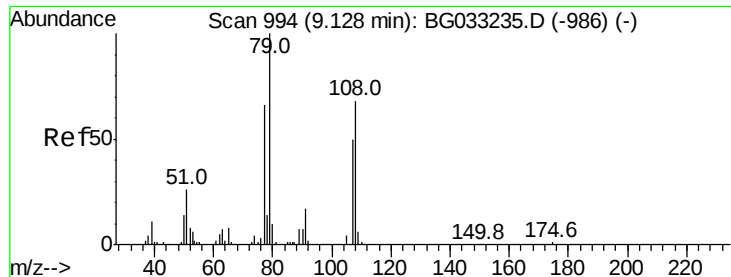
Ion Ratio Lower Upper

146 100

148 64.7 49.3 73.9

111 47.8 34.3 51.5





#15

Benzyl Alcohol

Concen: 46.401 ng

RT: 9.10 min Scan# 989

Delta R.T. 0.00 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

Instrument :

BNA_G

ClientSampled :

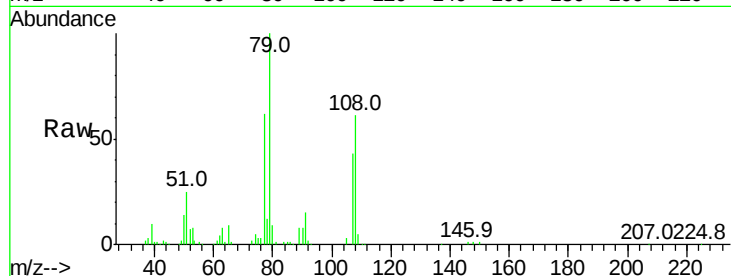
Tot Ion: 79 Resp: 132713

Ion Ratio Lower Upper

79 100

108 60.8 57.2 85.8

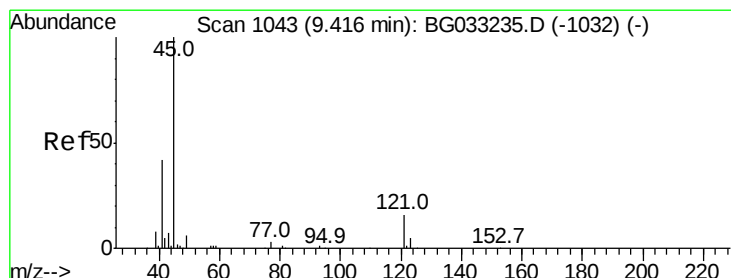
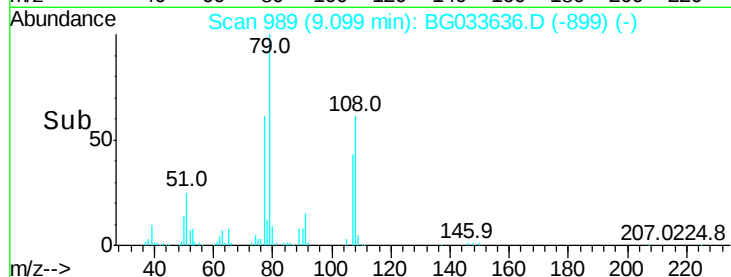
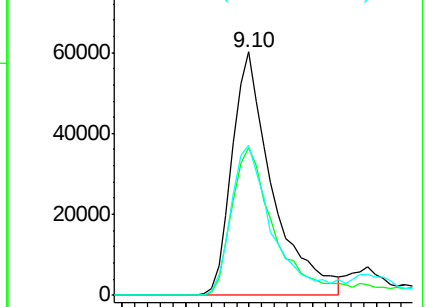
77 61.6 46.1 69.1



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: 46.989 ng

RT: 9.38 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

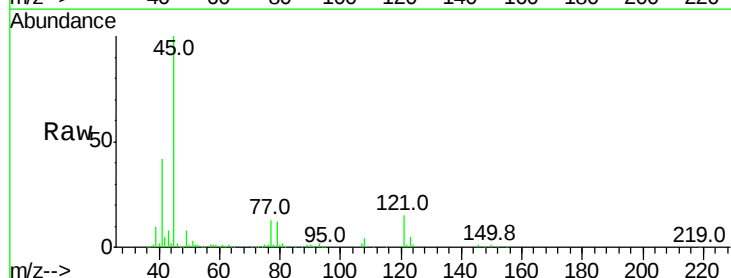
Tgt Ion: 45 Resp: 224250

Ion Ratio Lower Upper

45 100

77 13.4 0.0 30.2

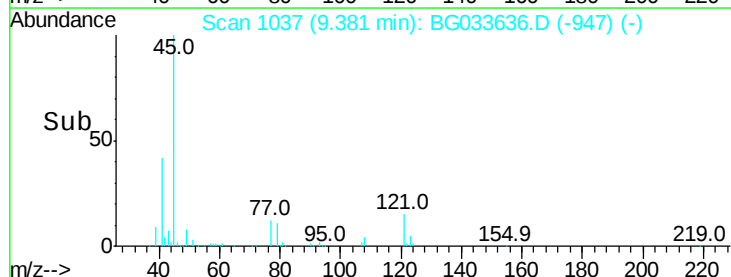
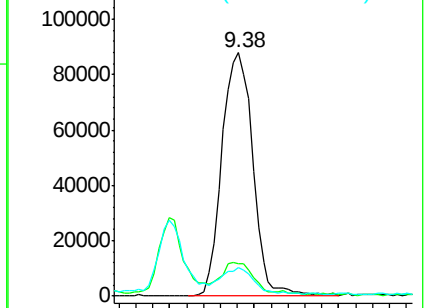
79 11.6 0.0 27.9

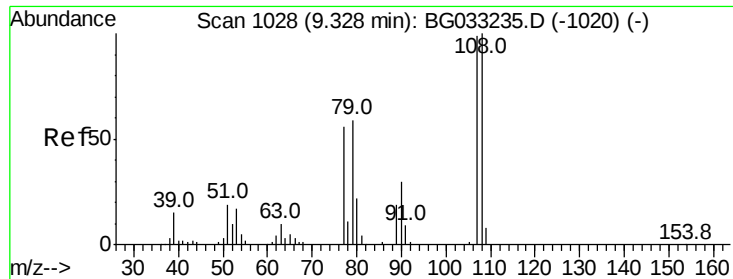


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

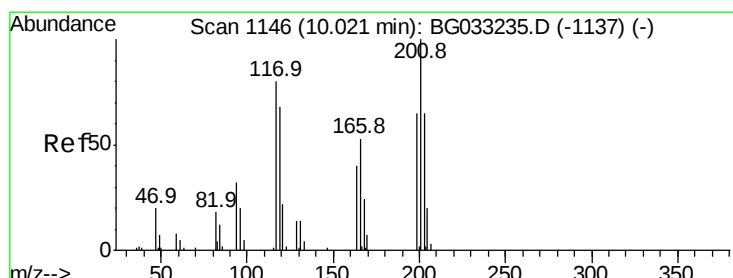
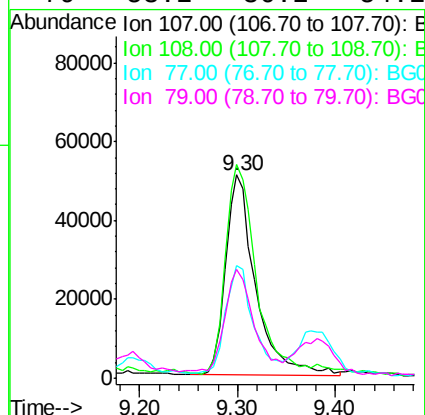
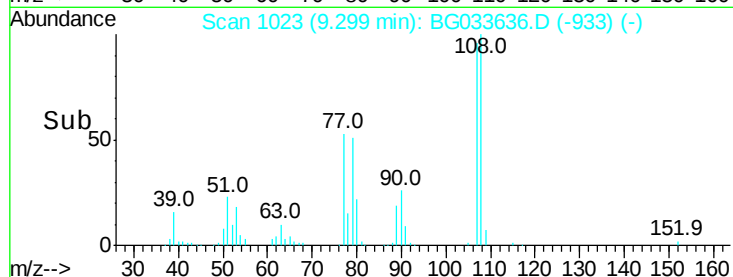
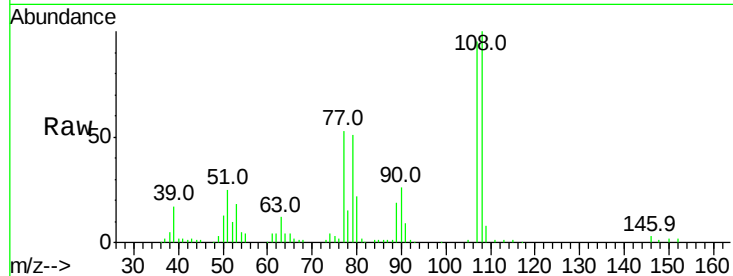




#17
2-Methylphenol
Concen: 44.135 ng
RT: 9.30 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BG033636.D
Acq: 6 Apr 2018 20:04

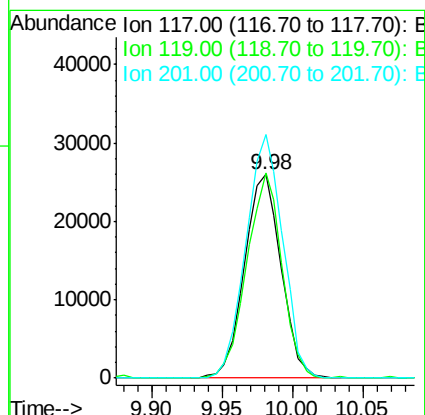
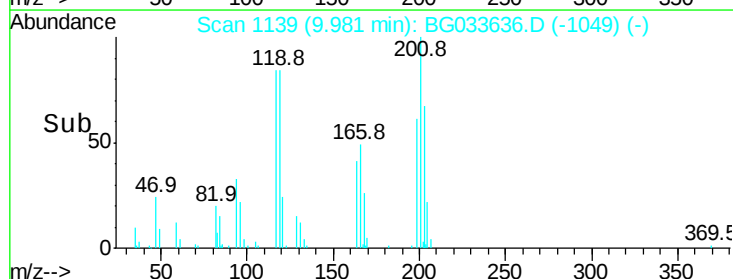
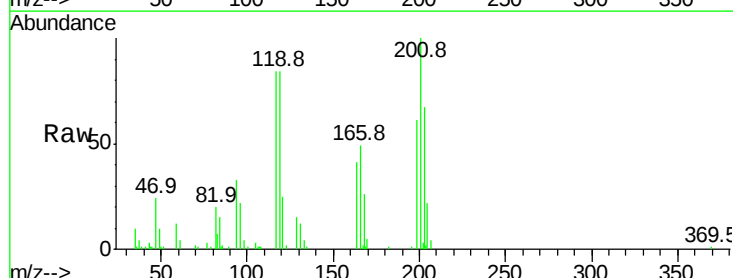
Instrument :
BNA_G
ClientSampleId :

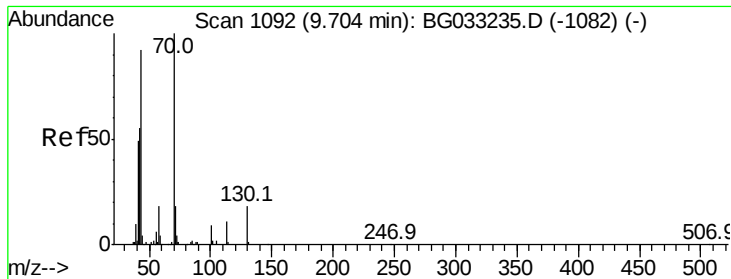
Tot Ion:107 Resp: 107834
Ion Ratio Lower Upper
107 100
108 105.0 83.9 125.9
77 55.2 37.2 55.8
79 53.2 36.2 54.2



#18
Hexachloroethane
Concen: 38.626 ng
RT: 9.98 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BG033636.D
Acq: 6 Apr 2018 20:04

Tgt Ion:117 Resp: 47178
Ion Ratio Lower Upper
117 100
119 101.0 76.7 115.1
201 119.7 95.7 143.5





#19

n-Nitroso-di-n-propylamine

Concen: 46.152 ng

RT: 9.66 min Scan# 1085

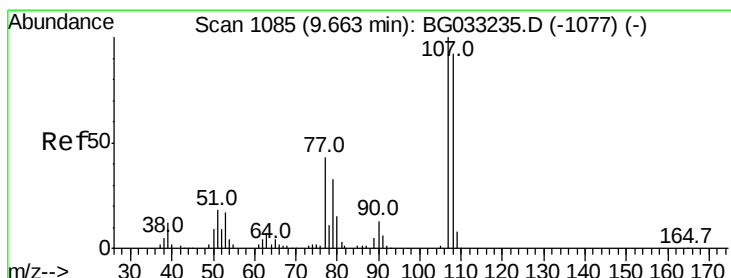
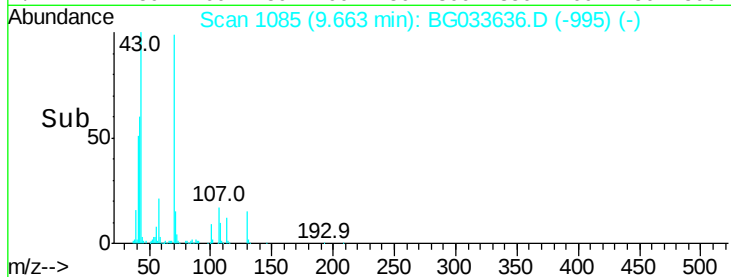
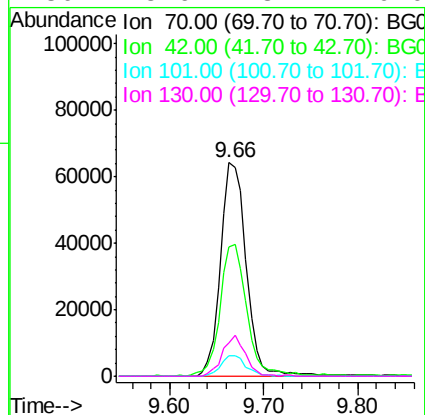
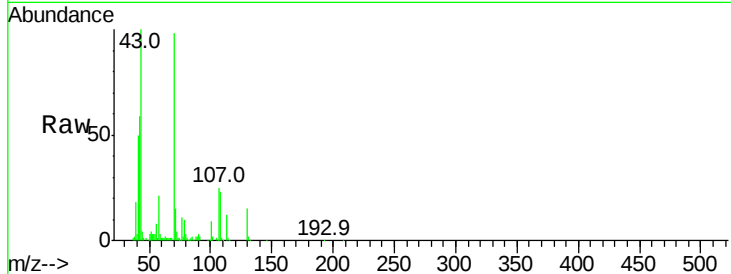
Delta R.T. 0.00 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

Instrument :
BNA_G
ClientSampled :

Tot Ion:	70	Resp:	122851
Ion	Ratio	Lower	Upper
70	100		
42	60.8	49.1	73.7
101	9.4	8.5	12.7
130	15.6	13.4	20.0



#20

3+4-Methylphenols

Concen: 43.393 ng

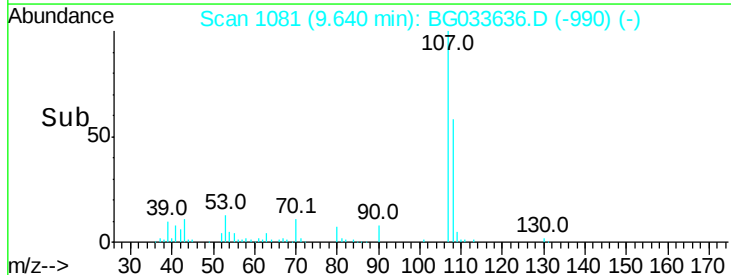
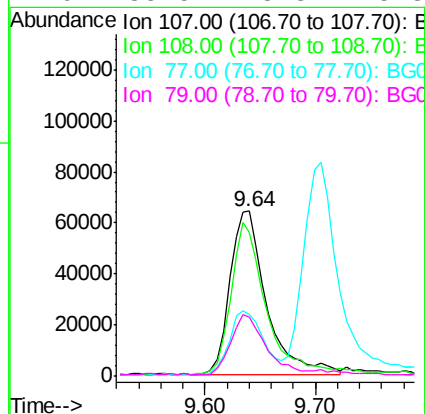
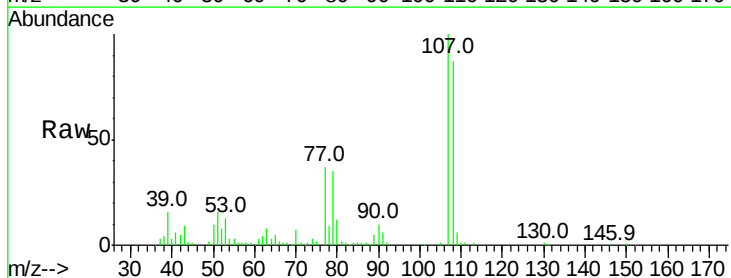
RT: 9.64 min Scan# 1081

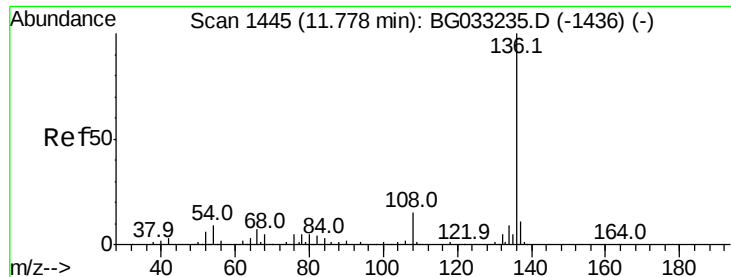
Delta R.T. 0.01 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

Tgt Ion:	107	Resp:	150953
Ion	Ratio	Lower	Upper
107	100		
108	86.7	61.6	101.6
77	37.2	13.9	53.9
79	35.5	8.8	48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.74 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 182608

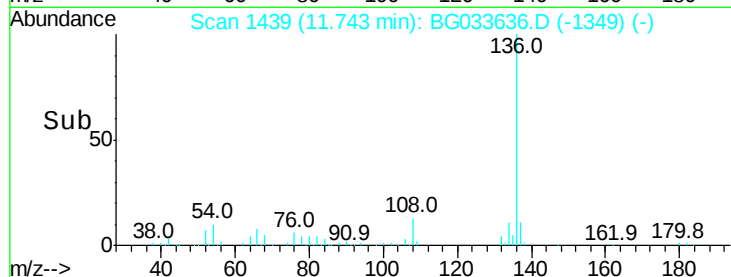
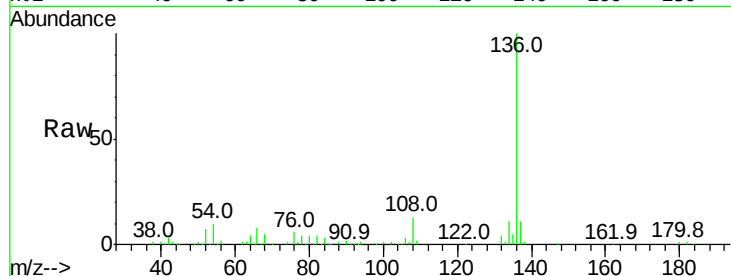
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 10.1 10.3 15.5#

68 5.3 4.5 6.7

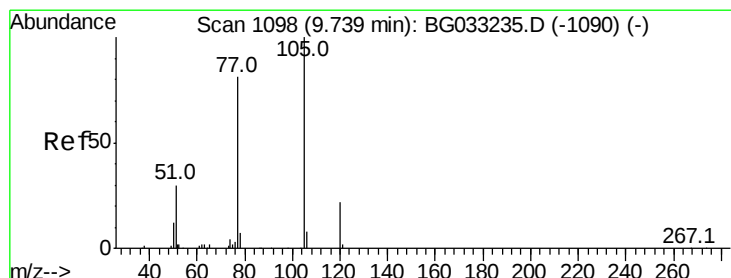
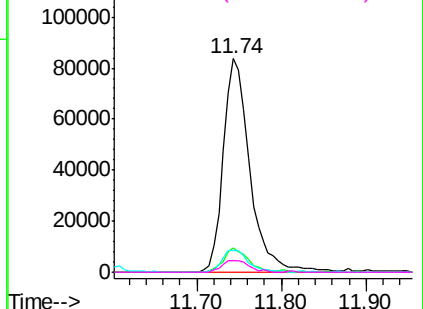


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.353 ng

RT: 9.70 min Scan# 1092

Delta R.T. 0.00 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

Tgt Ion:105 Resp: 196876

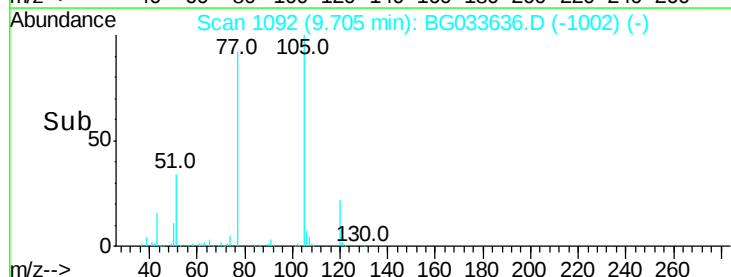
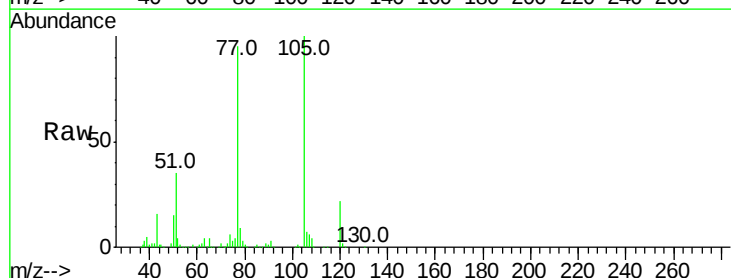
Ion Ratio Lower Upper

105 100

71 0.5 3.0 4.4#

51 35.3 26.1 39.1

120 21.5 17.4 26.2

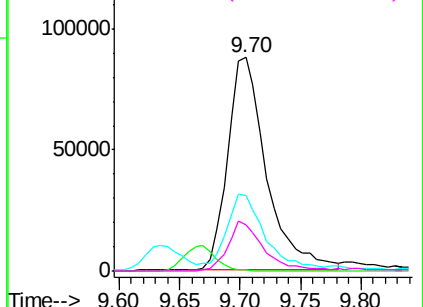


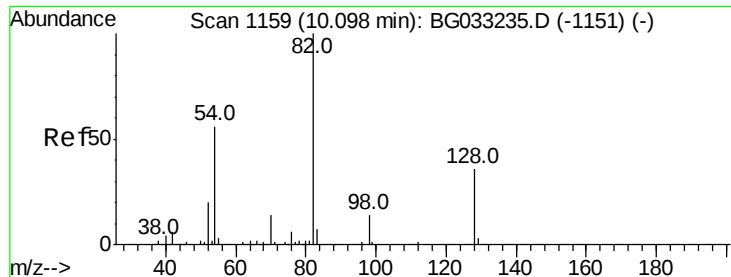
Abundance Ion 105.00 (104.70 to 105.70): E

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: 96.390 ng

RT: 10.06 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

Instrument :

BNA_G

ClientSampled :

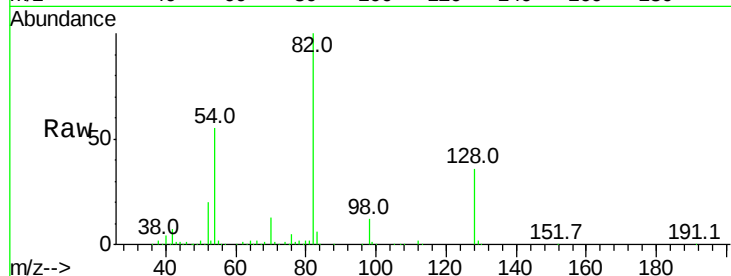
Tot Ion: 82 Resp: 383108

Ion Ratio Lower Upper

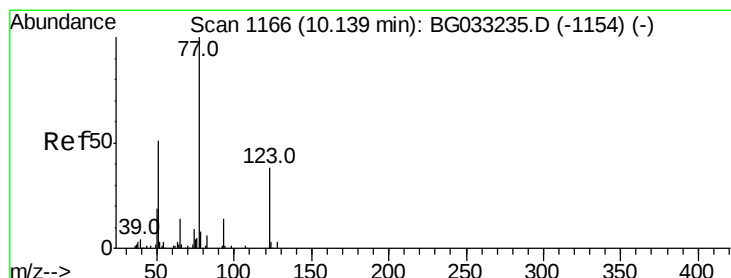
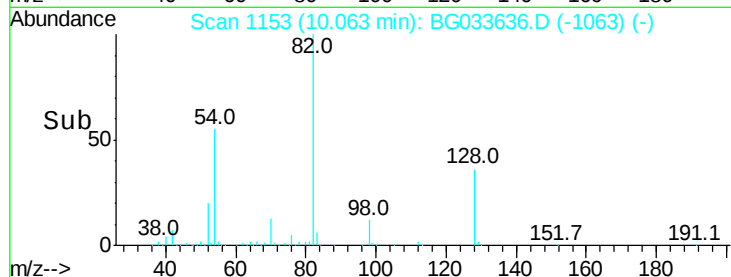
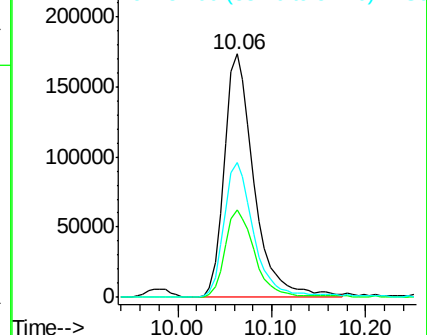
82 100

128 36.2 29.7 44.5

54 55.3 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: 40.775 ng

RT: 10.10 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

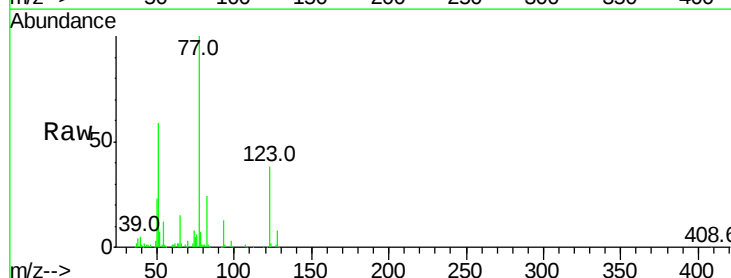
Tgt Ion: 77 Resp: 173465

Ion Ratio Lower Upper

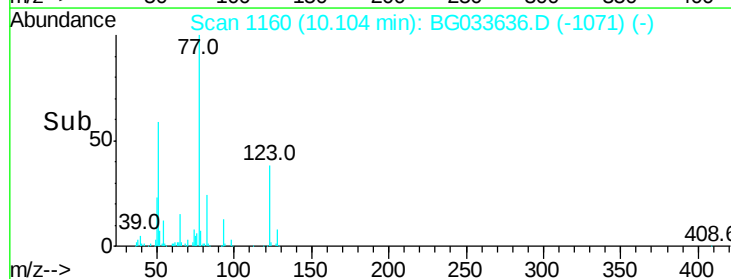
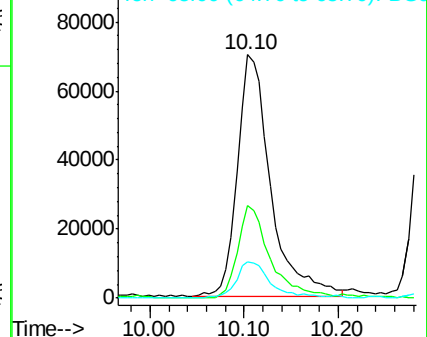
77 100

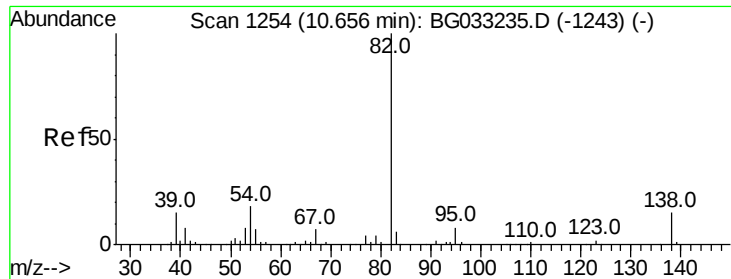
123 38.3 33.0 49.6

65 14.7 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: 44.780 ng

RT: 10.62 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

Instrument :

BNA_G

ClientSampleId :

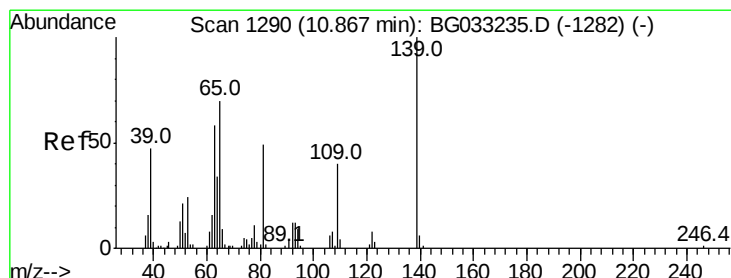
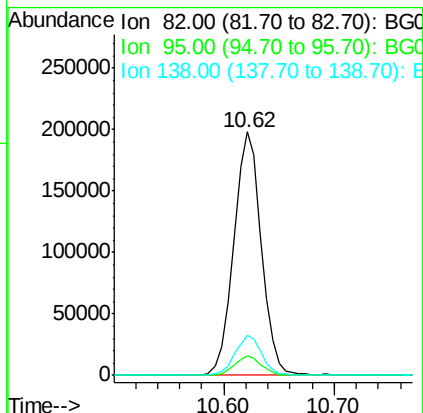
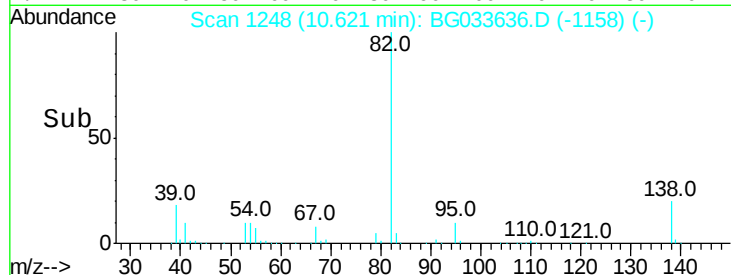
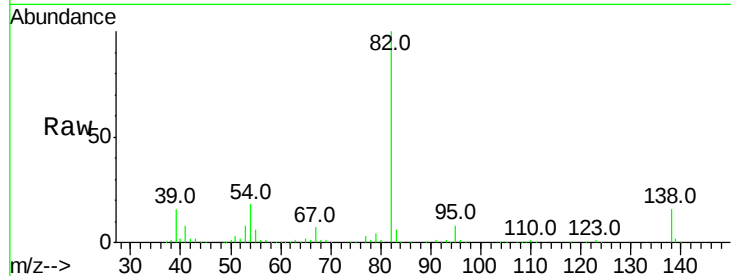
Tot Ion: 82 Resp: 345436

Ion Ratio Lower Upper

82 100

95 8.1 6.2 9.2

138 16.3 12.1 18.1



#26

2-Nitrophenol

Concen: 44.898 ng

RT: 10.83 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

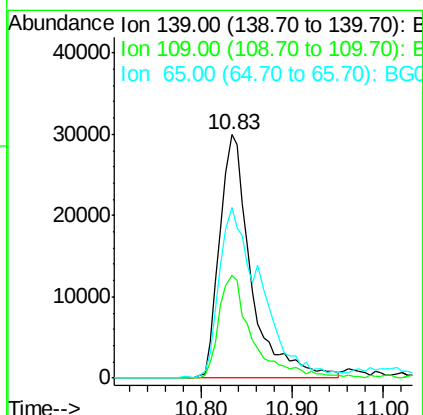
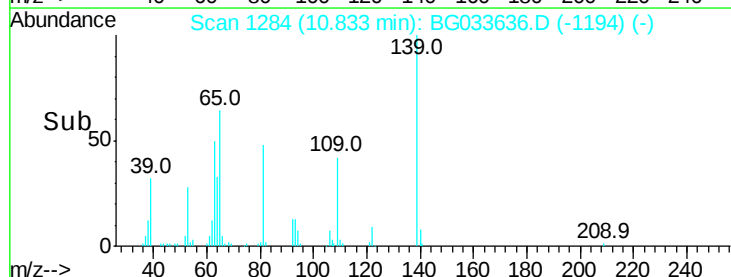
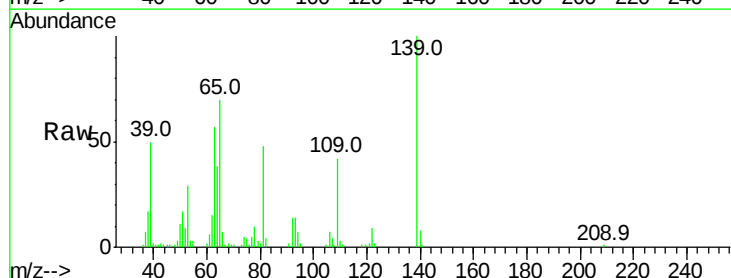
Tgt Ion: 139 Resp: 72314

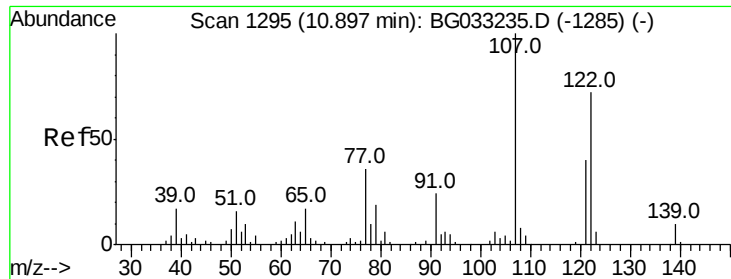
Ion Ratio Lower Upper

139 100

109 42.2 24.2 36.2#

65 70.4 47.4 71.0

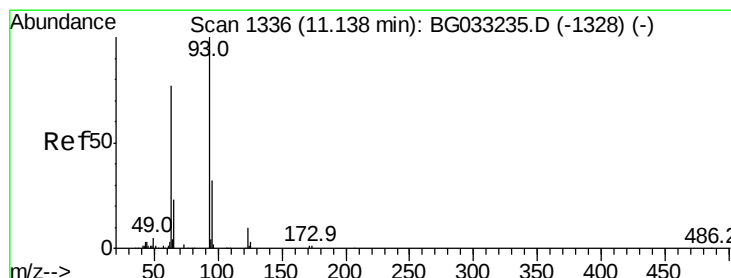
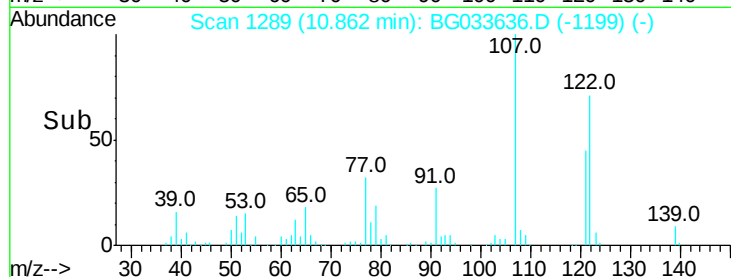
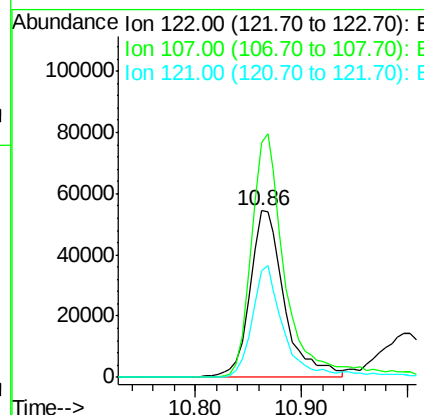
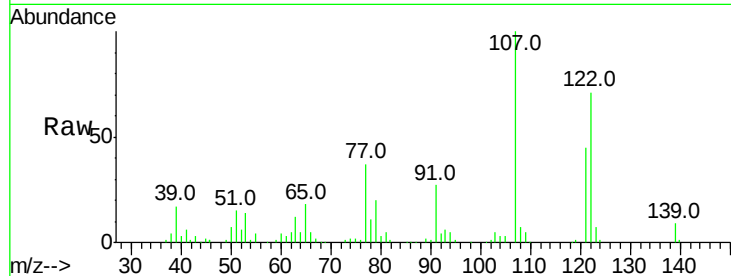




#27
 2,4-Dimethylphenol
 Concen: 52.682 ng
 RT: 10.86 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: BG033636.D
 Acq: 6 Apr 2018 20:04

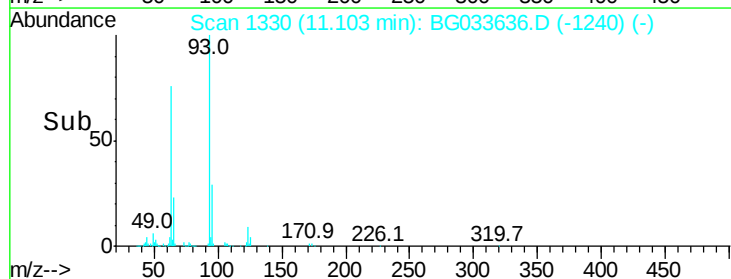
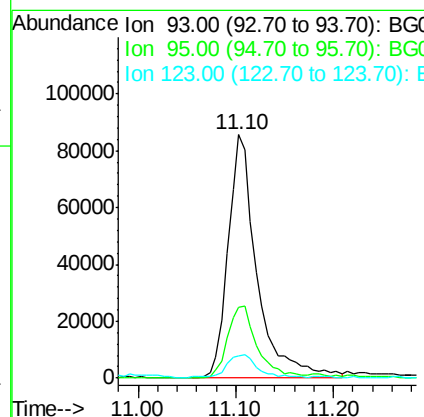
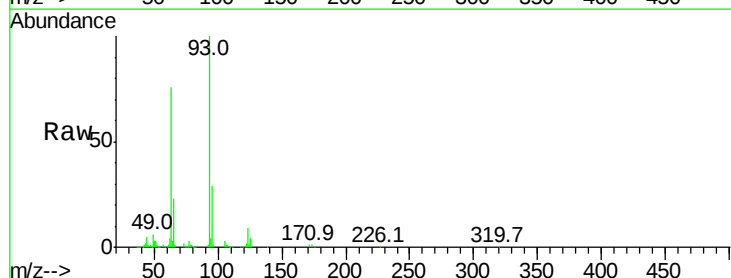
Instrument :
 BNA_G
 ClientSampleId :

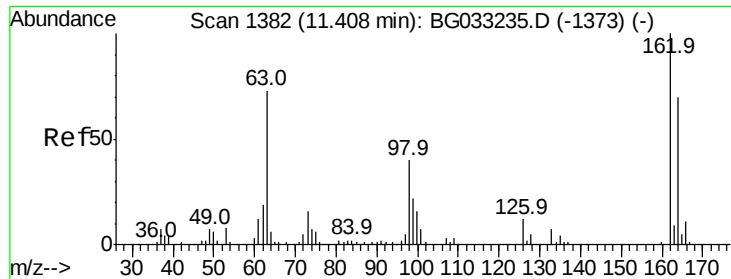
Tot Ion:122 Resp: 123263
 Ion Ratio Lower Upper
 122 100
 107 141.5 100.2 150.2
 121 63.9 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.751 ng
 RT: 11.10 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: BG033636.D
 Acq: 6 Apr 2018 20:04

Tgt Ion: 93 Resp: 176093
 Ion Ratio Lower Upper
 93 100
 95 29.2 24.3 36.5
 123 9.3 8.4 12.6

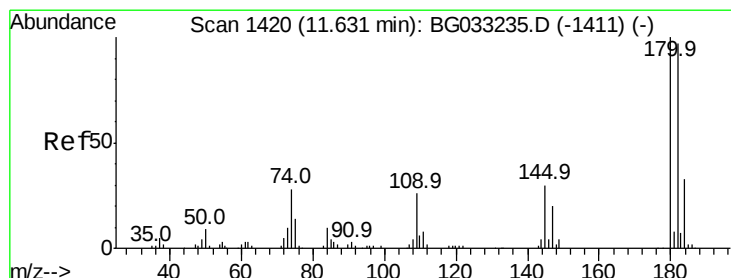
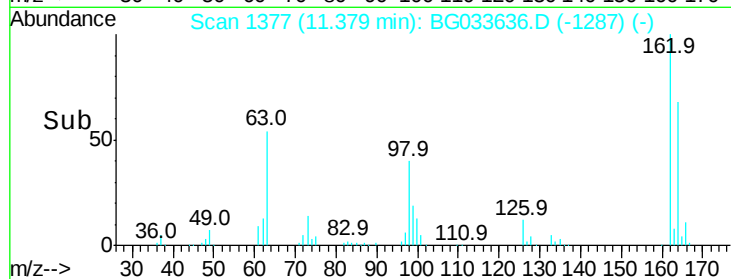
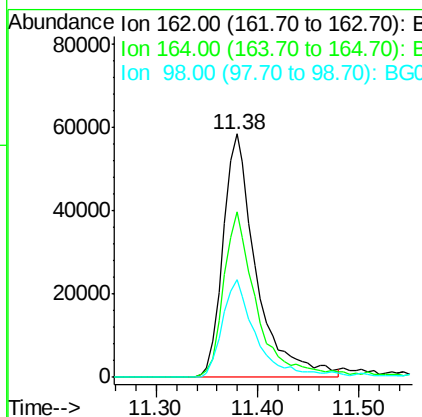
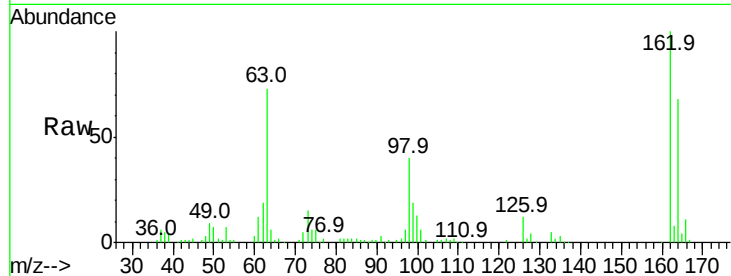




#29
 2,4-Dichlorophenol
 Concen: 46.269 ng
 RT: 11.38 min Scan# 1377
 Delta R.T. 0.00 min
 Lab File: BG033636.D
 Acq: 6 Apr 2018 20:04

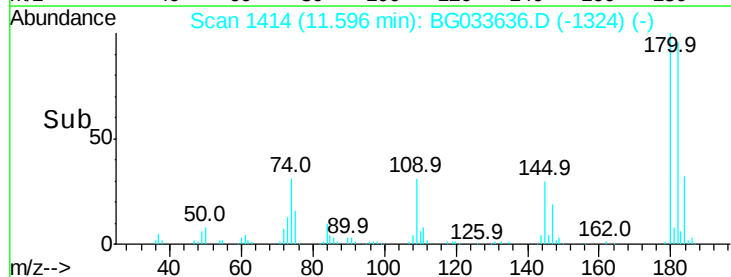
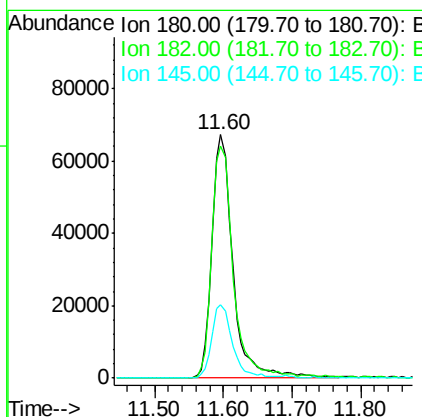
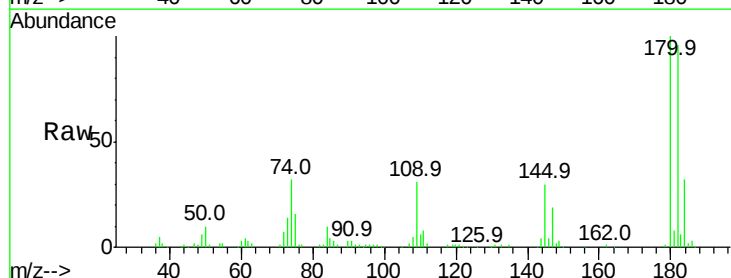
Instrument :
 BNA_G
 ClientSampleId :

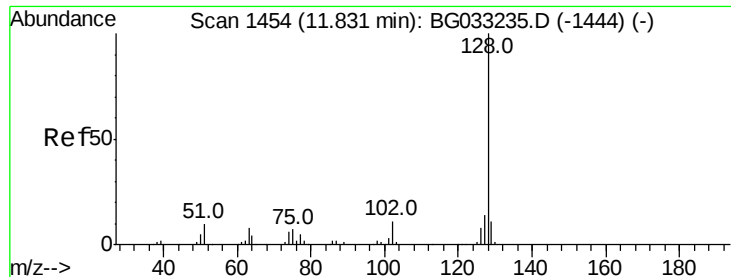
Tot Ion:162 Resp: 133136
 Ion Ratio Lower Upper
 162 100
 164 67.9 48.0 88.0
 98 39.9 21.1 61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 38.385 ng
 RT: 11.60 min Scan# 1414
 Delta R.T. 0.00 min
 Lab File: BG033636.D
 Acq: 6 Apr 2018 20:04

Tgt Ion:180 Resp: 143504
 Ion Ratio Lower Upper
 180 100
 182 95.5 77.5 116.3
 145 30.1 23.4 35.2

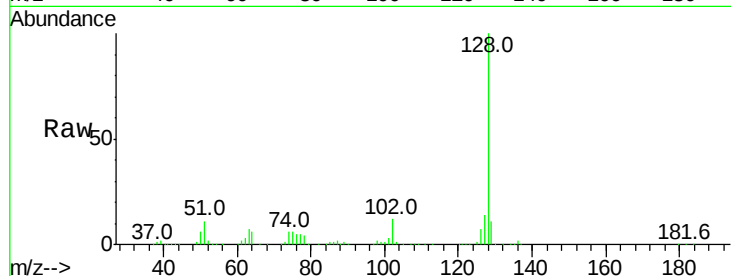




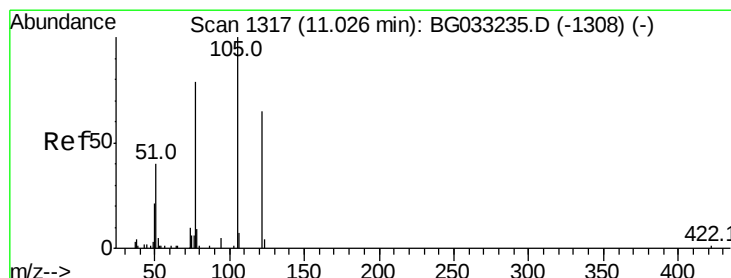
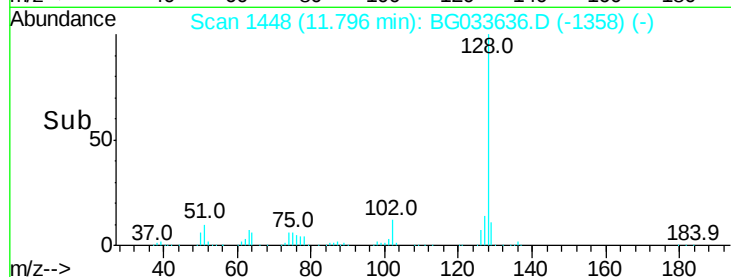
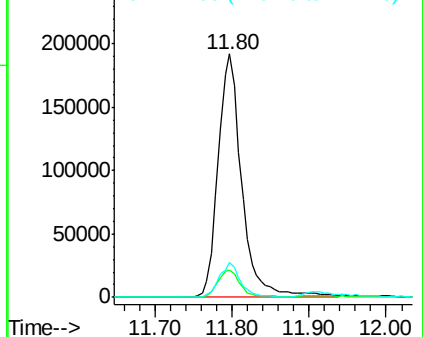
#31
Naphthalene
Concen: 43.220 ng
RT: 11.80 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BG033636.D
Acq: 6 Apr 2018 20:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 408981
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 14.4 11.6 17.4

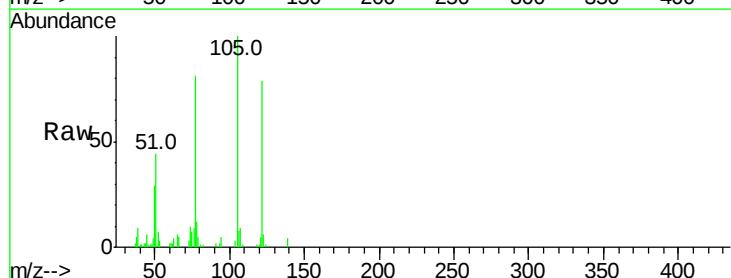


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

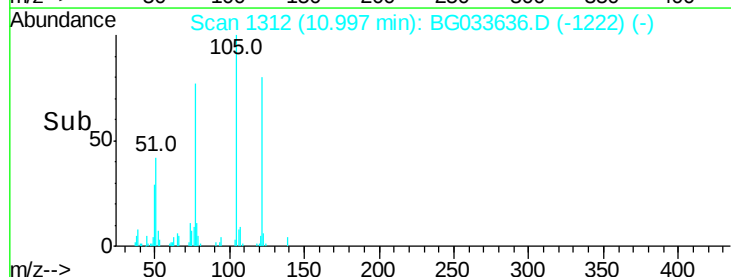
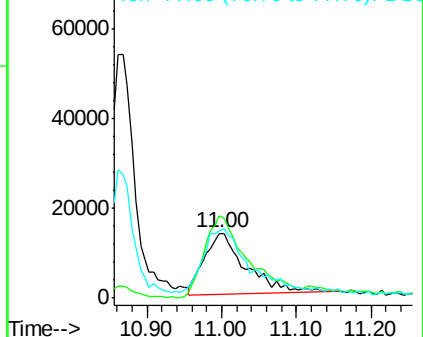


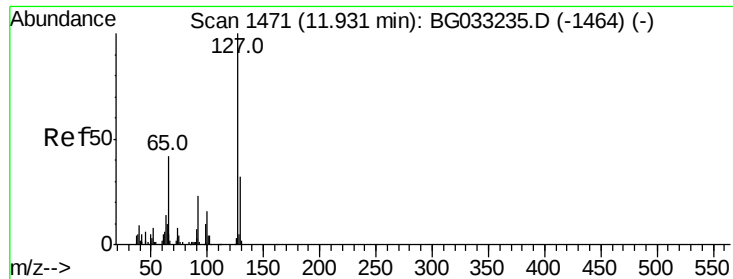
#32
Benzoic acid
Concen: 24.450 ng
RT: 11.00 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BG033636.D
Acq: 6 Apr 2018 20:04

Tgt Ion:122 Resp: 53180
Ion Ratio Lower Upper
122 100
105 126.7 123.5 163.5
77 102.6 85.7 125.7



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

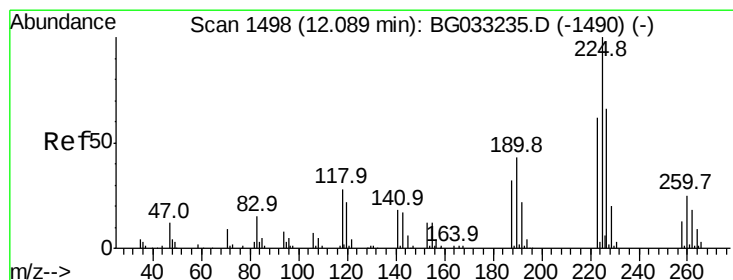
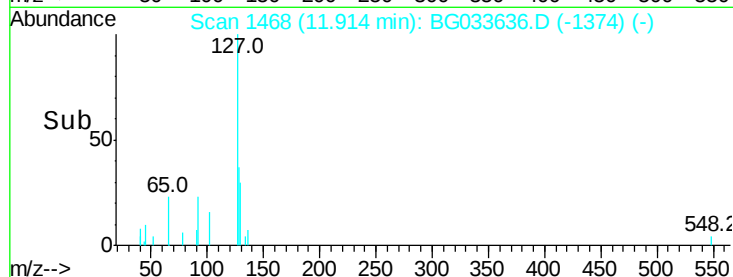
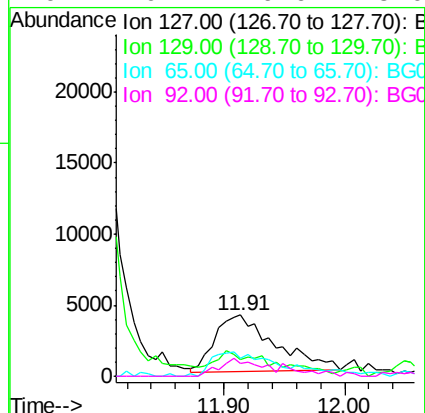
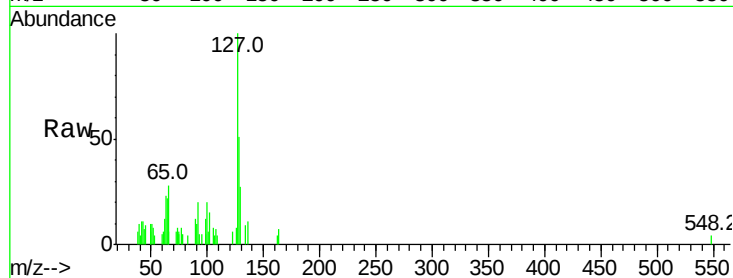




#33
4-Chloroaniline
Concen: 3.216 ng
RT: 11.91 min Scan# 1468
Delta R.T. 0.02 min
Lab File: BG033636.D
Acq: 6 Apr 2018 20:04

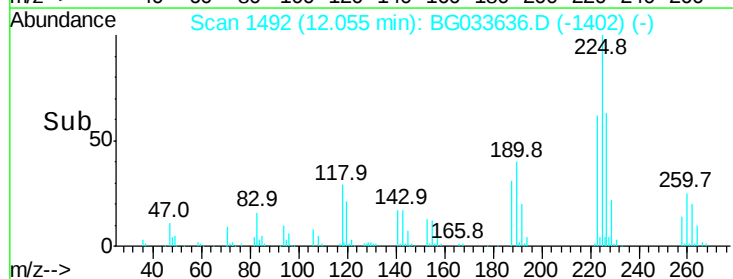
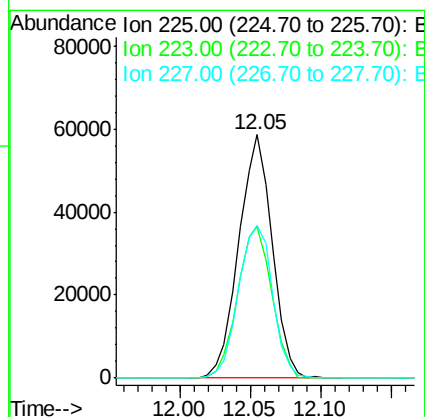
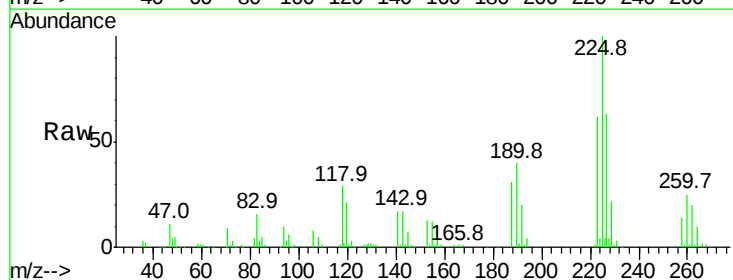
Instrument :
BNA_G
ClientSampleId :

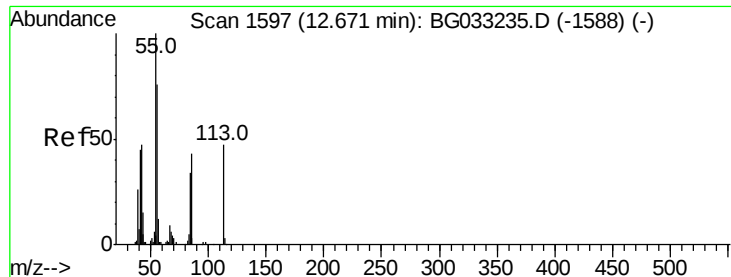
Tot Ion:127	Resp:	13633	
Ion Ratio	Lower	Upper	
127 100			
129 27.4	24.0	36.0	
65 28.5	27.0	40.4	
92 20.4	16.6	25.0	



#34
Hexachlorobutadiene
Concen: 34.294 ng
RT: 12.05 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BG033636.D
Acq: 6 Apr 2018 20:04

Tgt Ion	225	Resp: Lower	96954 Upper
	Ratio		
225	100		
223	62.4	49.7	74.5
227	62.6	48.1	72.1

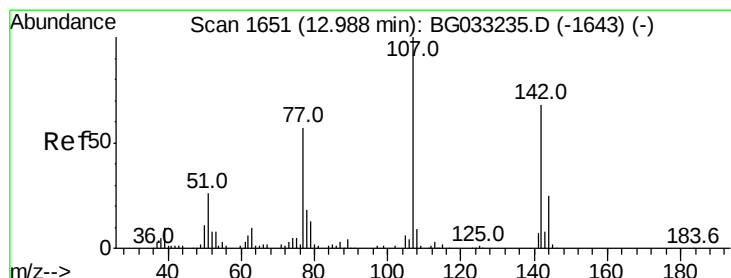
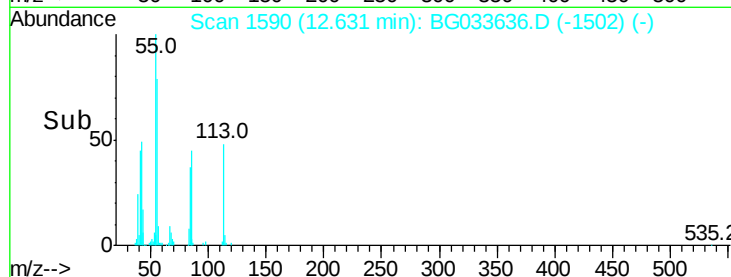
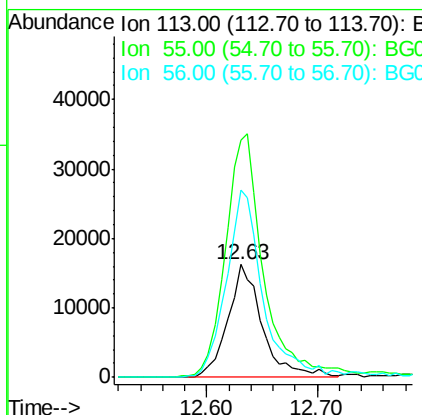
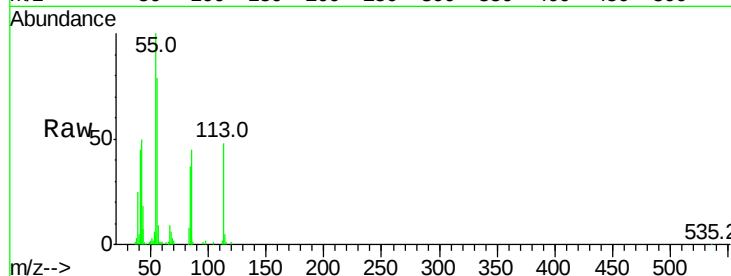




#35
 Caprolactam
 Concen: 31.487 ng
 RT: 12.63 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BG033636.D
 Acq: 6 Apr 2018 20:04

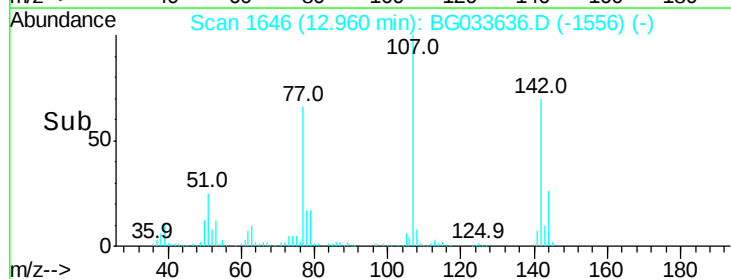
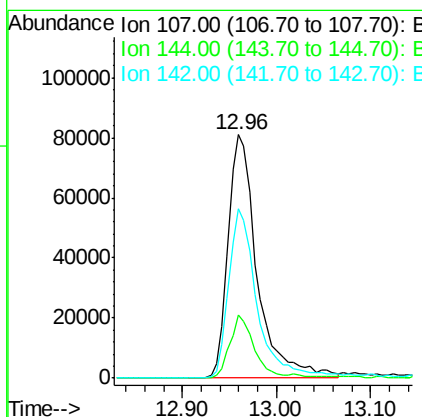
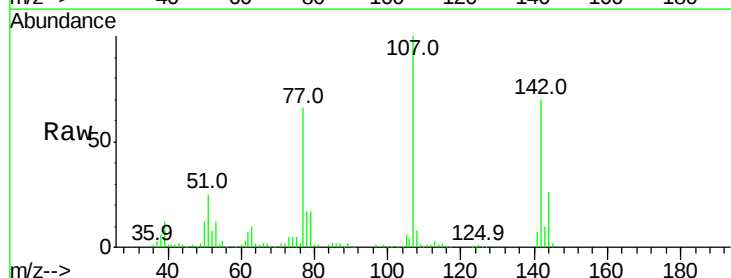
Instrument :
 BNA_G
 ClientSampleId :

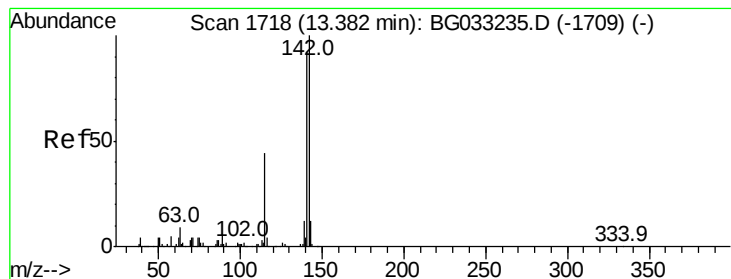
Tot Ion:113 Resp: 35495
 Ion Ratio Lower Upper
 113 100
 55 210.2 186.9 226.9
 56 165.5 130.9 170.9



#36
 4-Chloro-3-methylphenol
 Concen: 46.370 ng
 RT: 12.96 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: BG033636.D
 Acq: 6 Apr 2018 20:04

Tgt Ion:107 Resp: 174026
 Ion Ratio Lower Upper
 107 100
 144 25.7 18.2 27.4
 142 69.7 59.0 88.4





#37

2-Methylnaphthalene

Concen: 42.450 ng

RT: 13.35 min Scan# 1712

Delta R.T. 0.00 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

Instrument :

BNA_G

ClientSampleId :

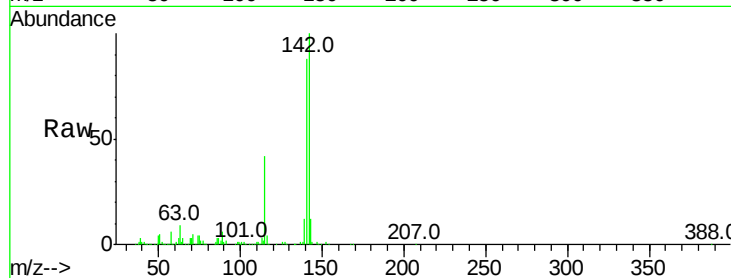
Tot Ion:142 Resp: 311784

Ion Ratio Lower Upper

142 100

141 88.0 67.1 100.7

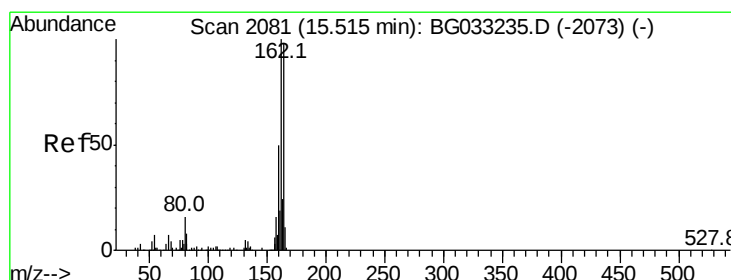
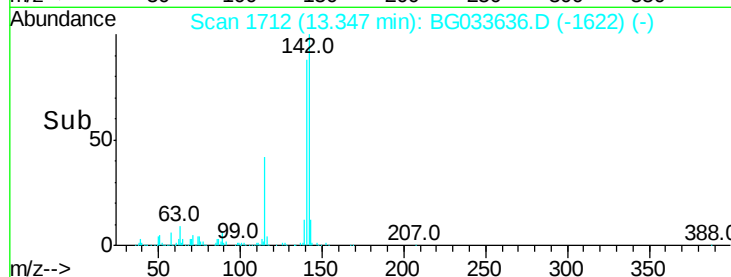
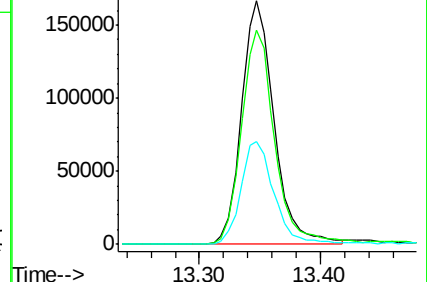
115 42.1 30.7 46.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.48 min Scan# 2075

Delta R.T. 0.00 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

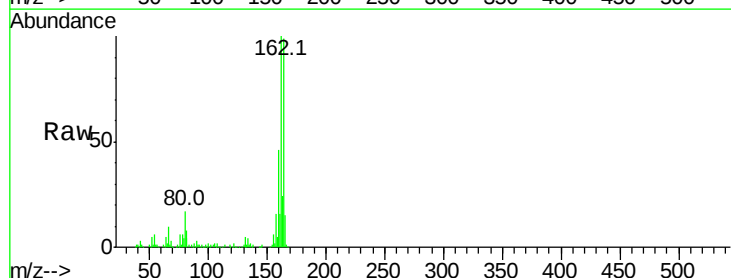
Tgt Ion:164 Resp: 136478

Ion Ratio Lower Upper

164 100

162 101.5 78.8 118.2

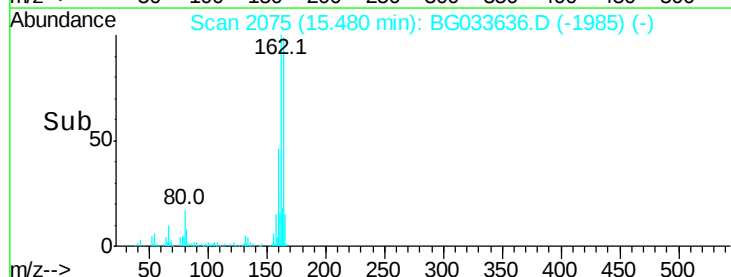
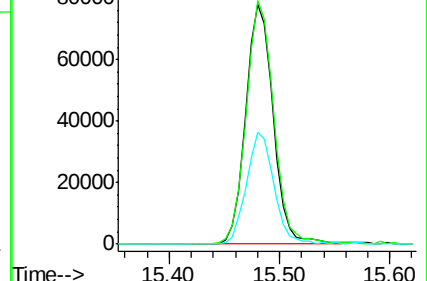
160 46.4 35.4 53.0

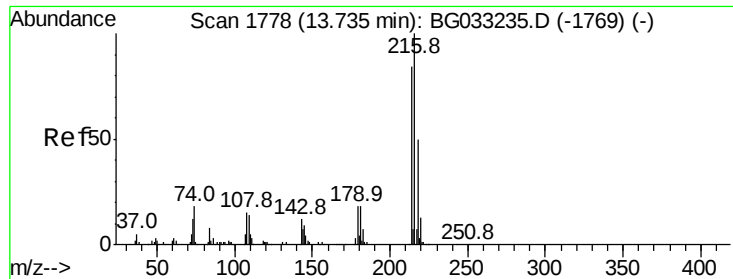


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

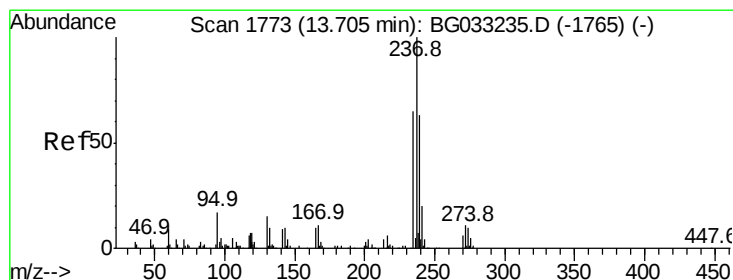
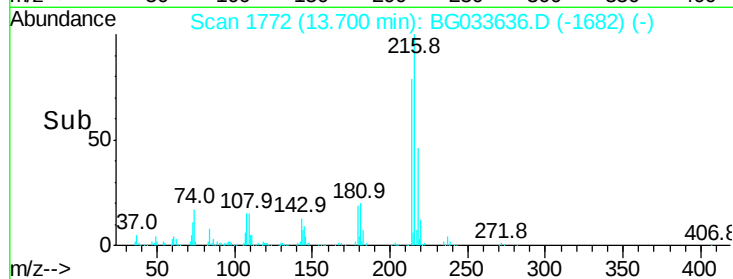
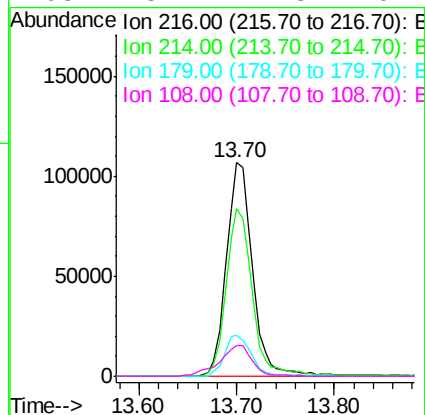
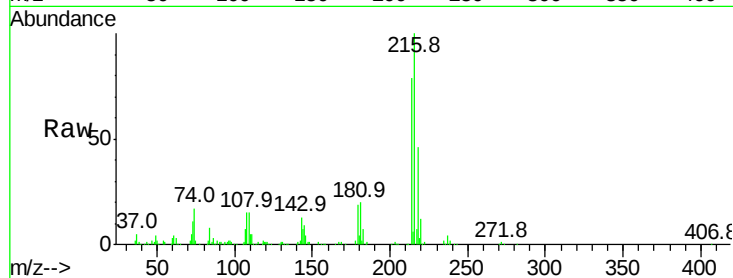




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.049 ng
 RT: 13.70 min Scan# 1772
 Delta R.T. 0.00 min
 Lab File: BG033636.D
 Acq: 6 Apr 2018 20:04

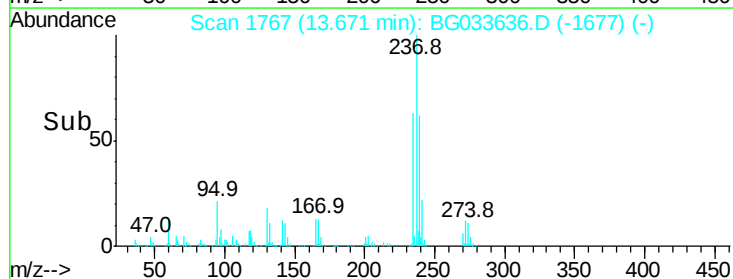
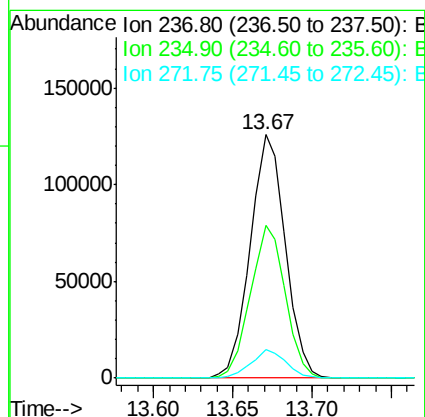
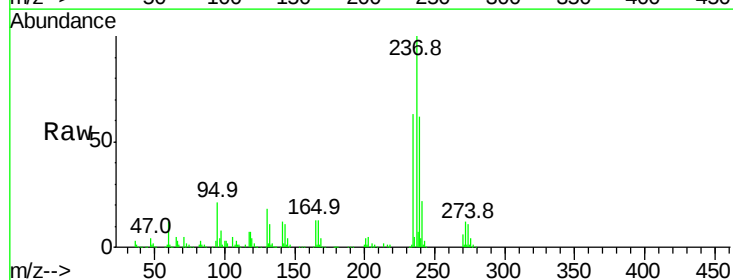
Instrument :
 BNA_G
 ClientSampleId :

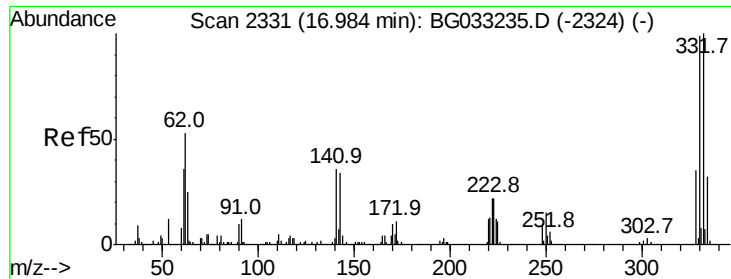
Tot Ion:	216	Resp:	197987
Ion	Ratio	Lower	Upper
216	100		
214	77.8	63.0	94.4
179	19.6	17.0	25.6
108	18.1	12.8	19.2



#40
 Hexachlorocyclopentadiene
 Concen: 66.711 ng
 RT: 13.67 min Scan# 1767
 Delta R.T. 0.00 min
 Lab File: BG033636.D
 Acq: 6 Apr 2018 20:04

Tgt Ion:	237	Resp:	193332
Ion	Ratio	Lower	Upper
237	100		
235	62.9	50.4	90.4
272	11.6	0.0	31.8

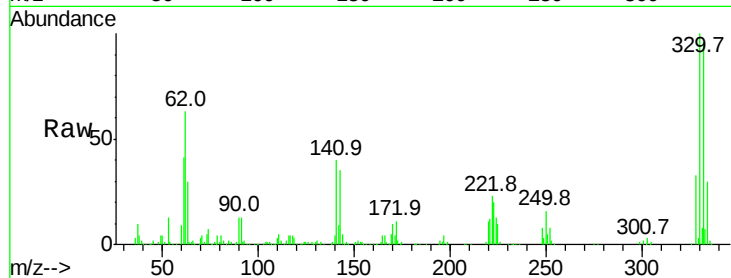




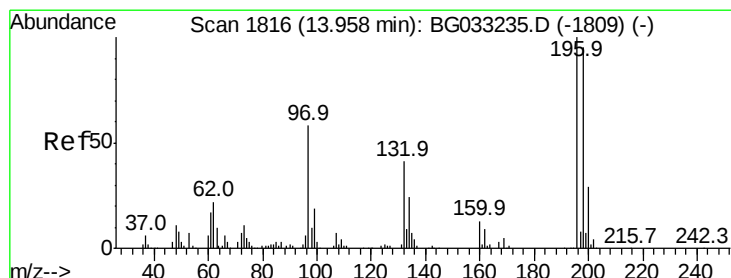
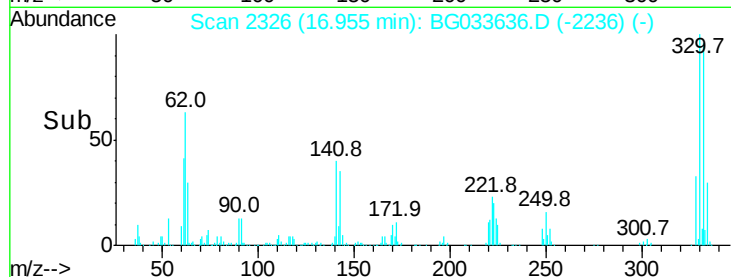
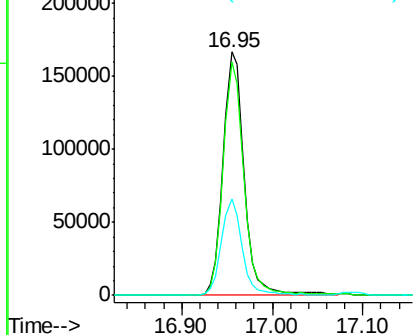
#41
 2,4,6-Tribromophenol
 Concen: 132.129 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: BG033636.D
 Acq: 6 Apr 2018 20:04

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 269701
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.0 115.6
 141 39.2 25.2 37.8#

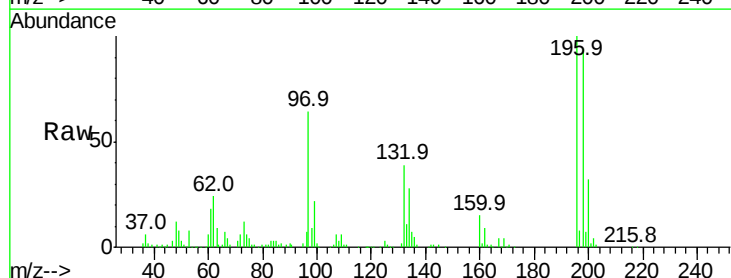


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

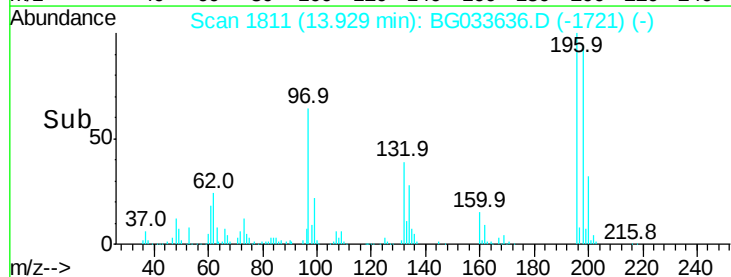
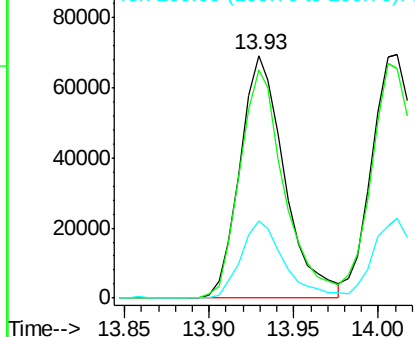


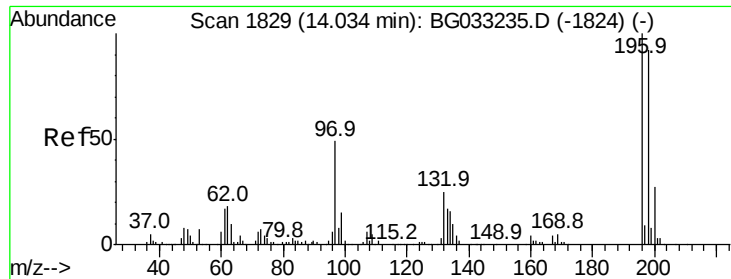
#42
 2,4,6-Trichlorophenol
 Concen: 44.334 ng
 RT: 13.93 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: BG033636.D
 Acq: 6 Apr 2018 20:04

Tgt Ion:196 Resp: 127338
 Ion Ratio Lower Upper
 196 100
 198 94.0 78.2 117.2
 200 31.6 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

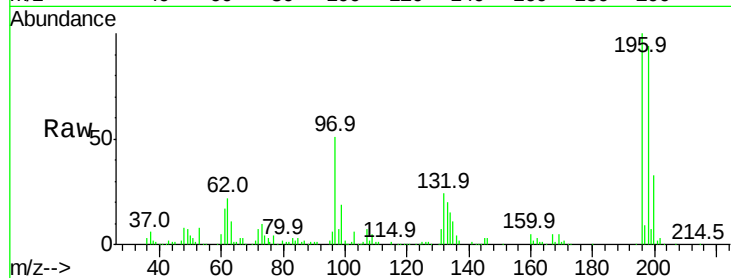




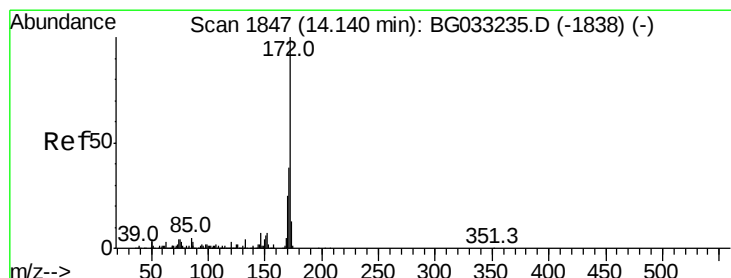
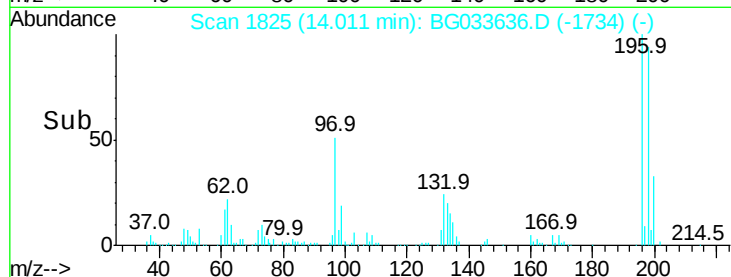
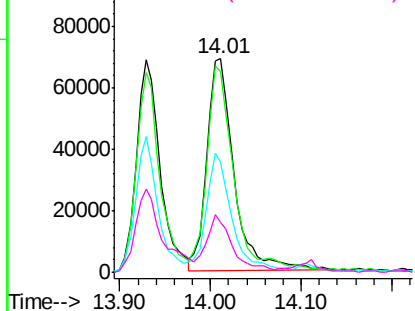
#43
 2,4,5-Trichlorophenol
 Concen: 42.699 ng
 RT: 14.01 min Scan# 1825
 Delta R.T. 0.01 min
 Lab File: BG033636.D
 Acq: 6 Apr 2018 20:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 144963
 Ion Ratio Lower Upper
 196 100
 198 94.1 76.2 114.4
 97 51.3 38.7 58.1
 132 23.5 20.2 30.2

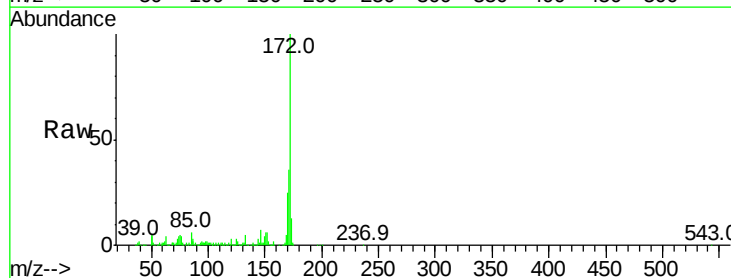


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

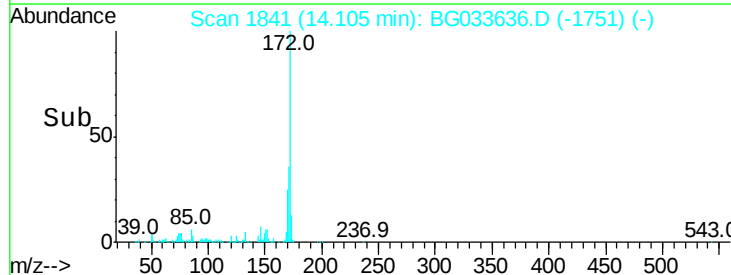
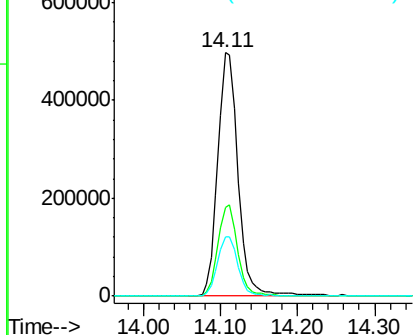


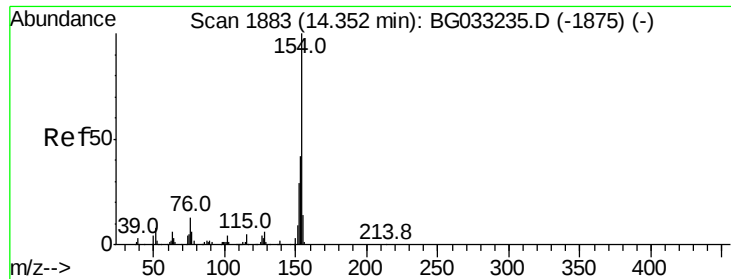
#44
 2-Fluorobiphenyl
 Concen: 96.123 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BG033636.D
 Acq: 6 Apr 2018 20:04

Tgt Ion:172 Resp: 908723
 Ion Ratio Lower Upper
 172 100
 171 36.5 30.0 45.0
 170 24.6 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

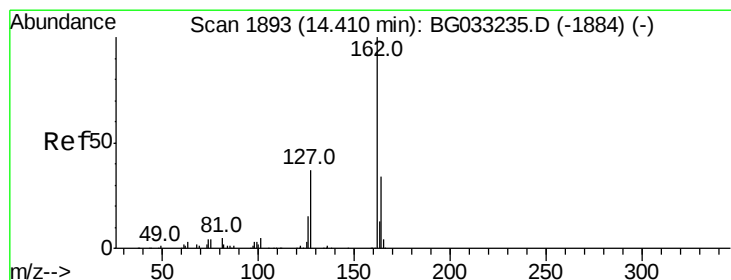
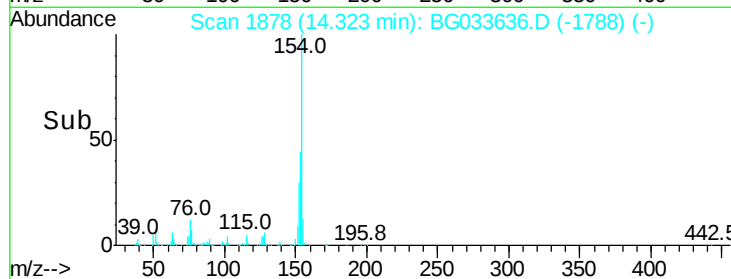
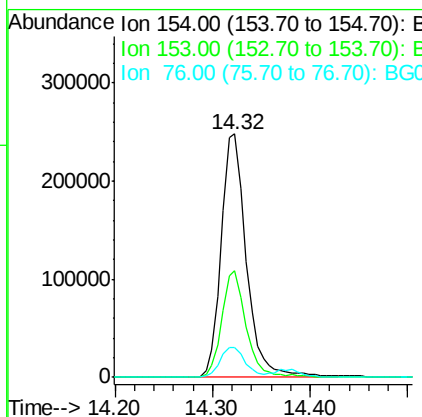
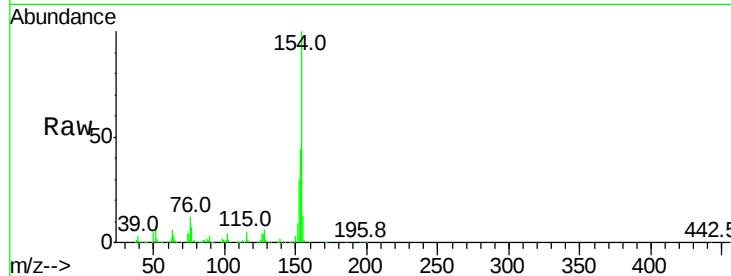




#45
 1,1'-Biphenyl
 Concen: 42.564 ng
 RT: 14.32 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: BG033636.D
 Acq: 6 Apr 2018 20:04

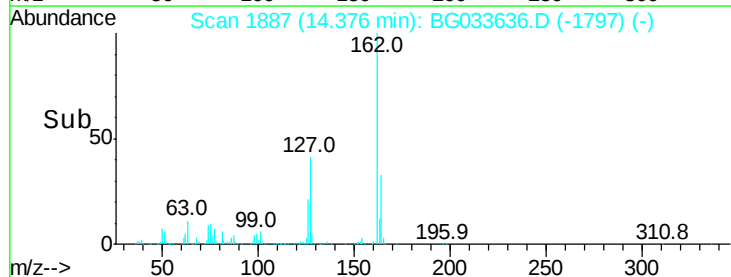
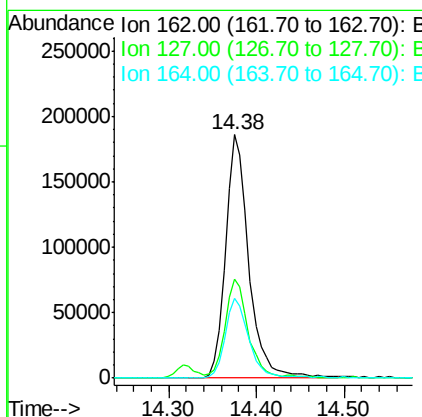
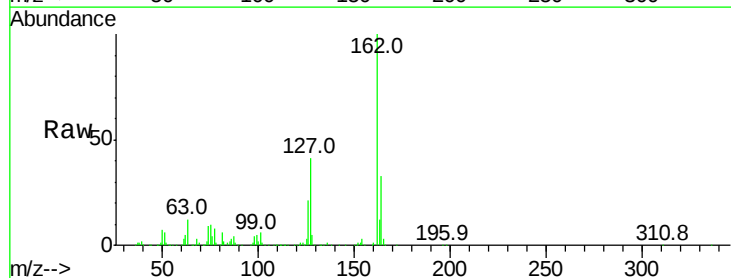
Instrument :
 BNA_G
 ClientSampleId :

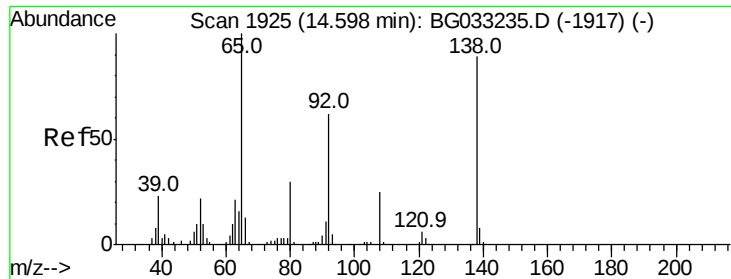
Tot Ion	Ratio	Lower	Upper
154	100		
153	43.5	19.8	59.8
76	12.1	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 42.097 ng
 RT: 14.38 min Scan# 1887
 Delta R.T. 0.00 min
 Lab File: BG033636.D
 Acq: 6 Apr 2018 20:04

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.8	30.7	46.1
164	32.7	26.0	39.0





#47

2-Nitroaniline

Concen: 47.066 ng

RT: 14.57 min Scan# 1920

Delta R.T. 0.00 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

Instrument :

BNA_G

ClientSampleId :

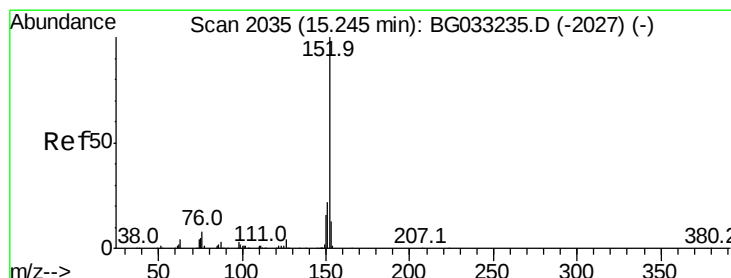
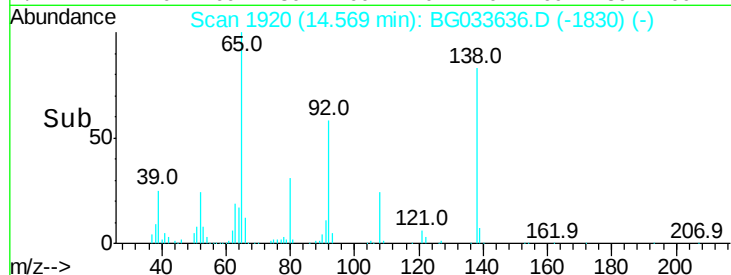
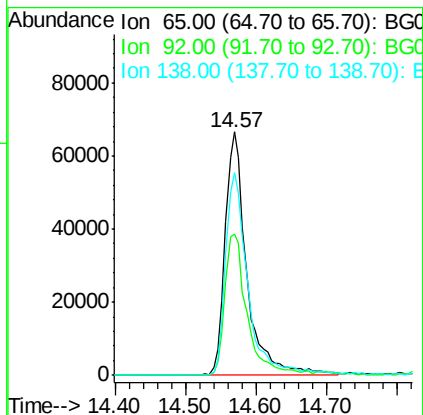
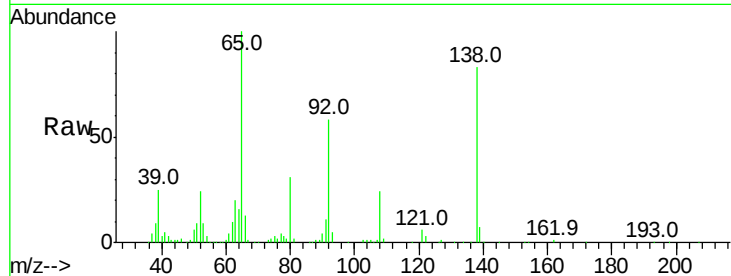
Tot Ion: 65 Resp: 142523

Ion Ratio Lower Upper

65 100

92 57.9 54.6 82.0

138 83.0 72.9 109.3



#48

Acenaphthylene

Concen: 42.107 ng

RT: 15.21 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

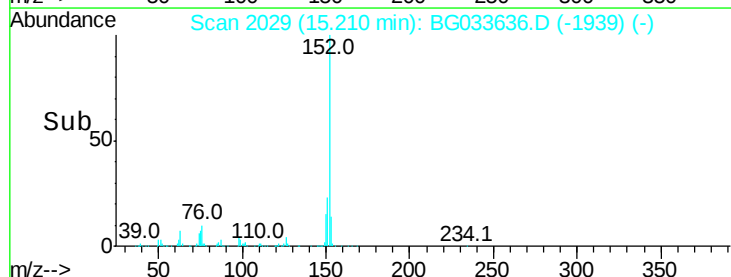
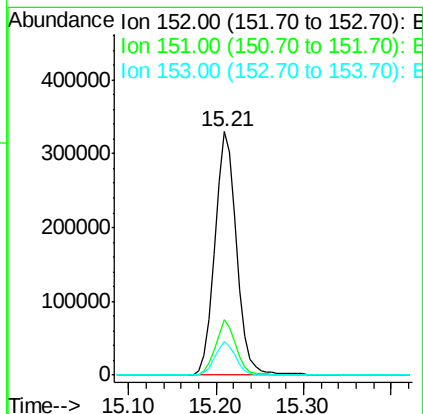
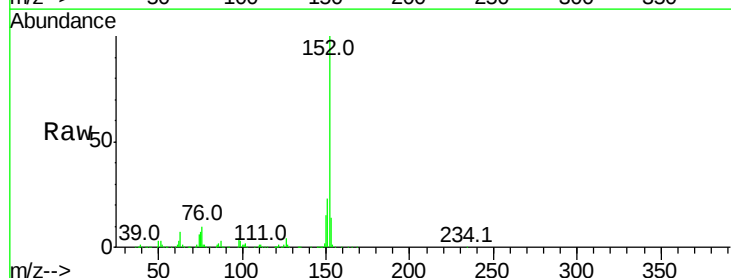
Tgt Ion: 152 Resp: 568225

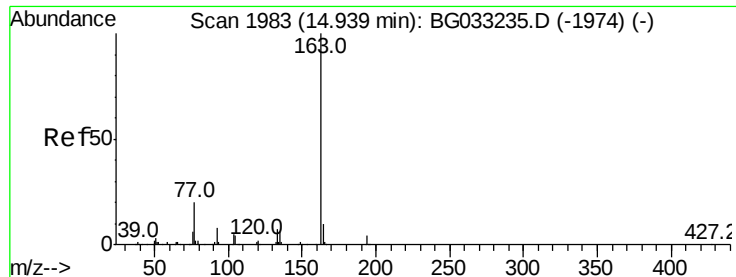
Ion Ratio Lower Upper

152 100

151 22.6 17.2 25.8

153 13.8 10.2 15.4





#49

Dimethylphthalate

Concen: 40.644 ng

RT: 14.90 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

Instrument :

BNA_G

ClientSampleId :

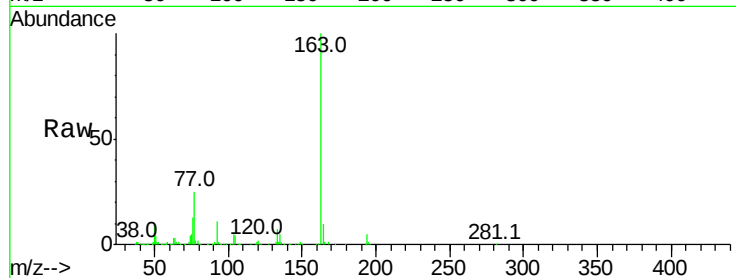
Tot Ion:163 Resp: 482735

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.2

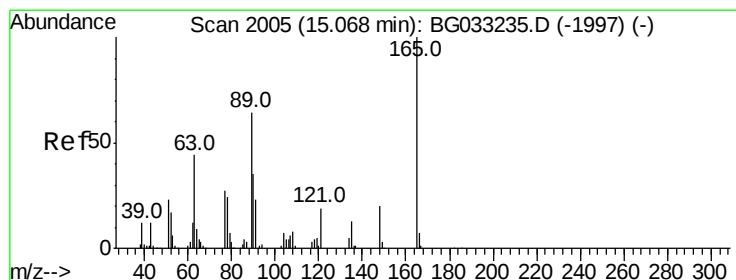
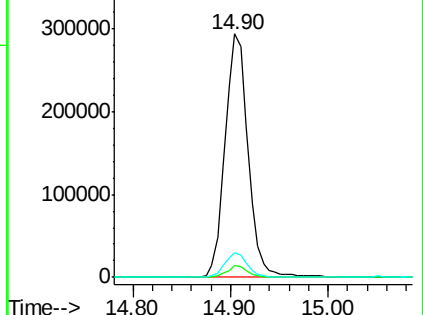
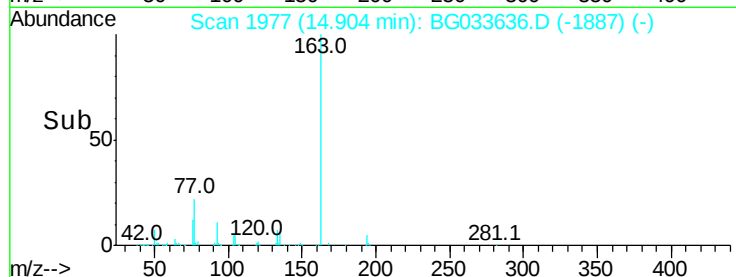
164 10.3 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 43.737 ng

RT: 15.04 min Scan# 2000

Delta R.T. 0.00 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

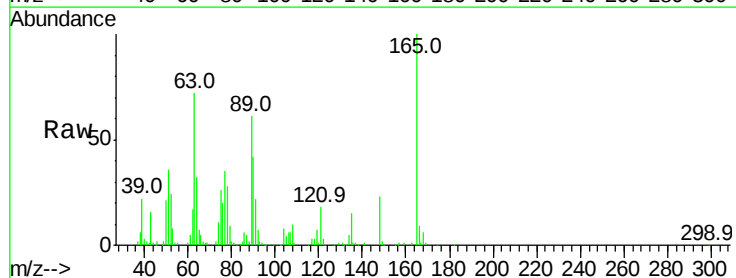
Tgt Ion:165 Resp: 106218

Ion Ratio Lower Upper

165 100

63 71.8 52.7 79.1

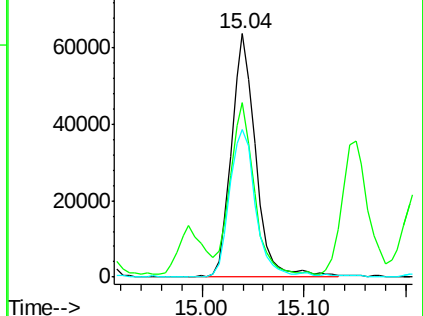
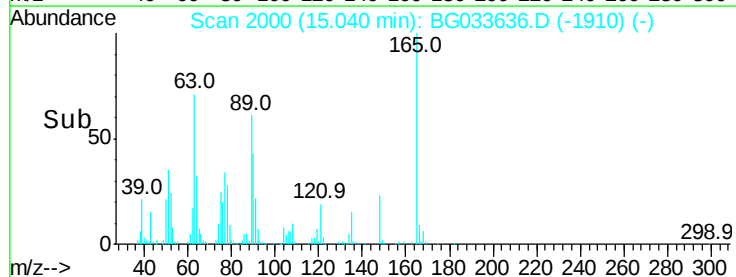
89 60.6 49.2 73.8

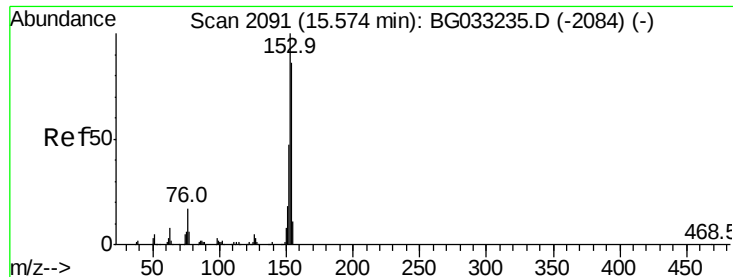


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 45.694 ng

RT: 15.54 min Scan# 2086

Delta R.T. 0.00 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

Instrument :

BNA_G

ClientSampleId :

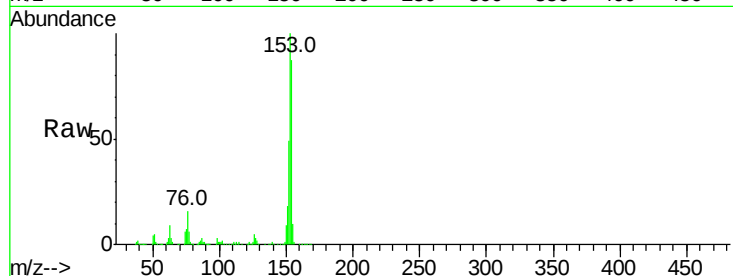
Tot Ion:154 Resp: 397506

Ion Ratio Lower Upper

154 100

153 115.3 90.4 135.6

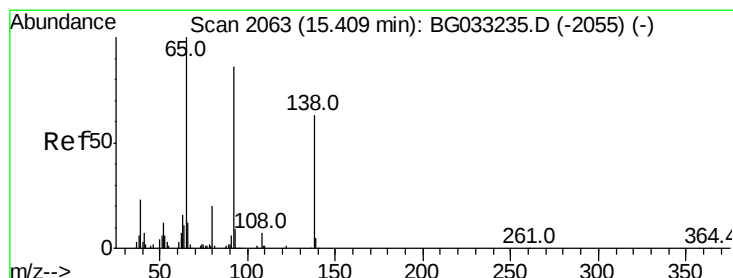
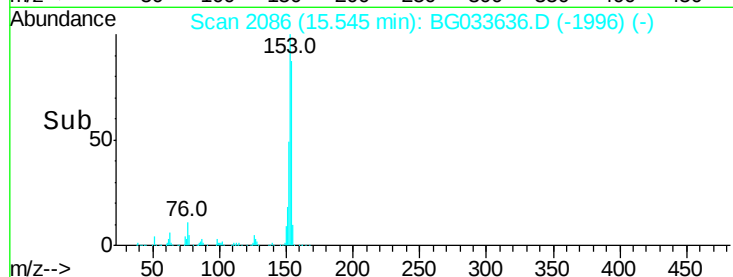
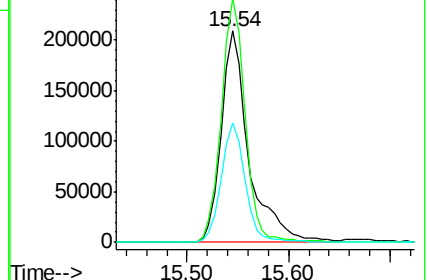
152 56.4 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 12.602 ng

RT: 15.38 min Scan# 2058

Delta R.T. 0.00 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

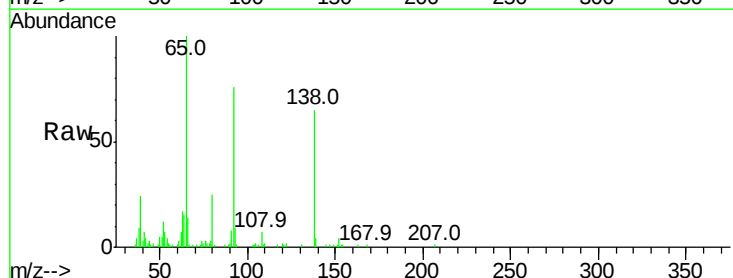
Tgt Ion:138 Resp: 32086

Ion Ratio Lower Upper

138 100

108 10.3 17.5 26.3#

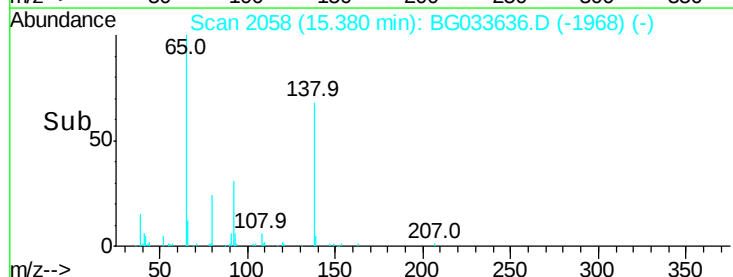
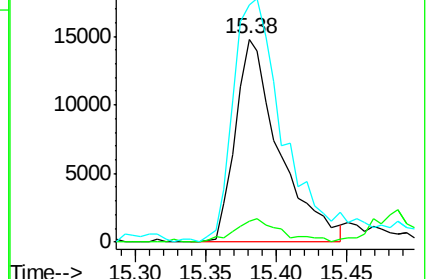
92 117.0 105.8 158.8

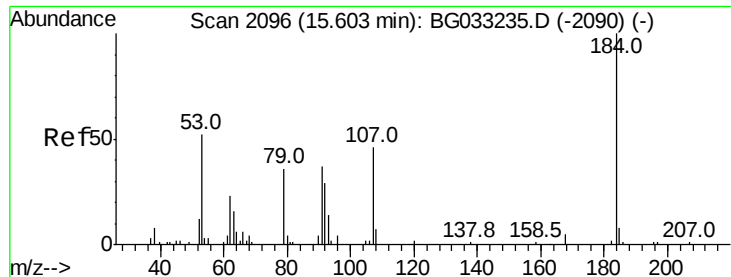


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

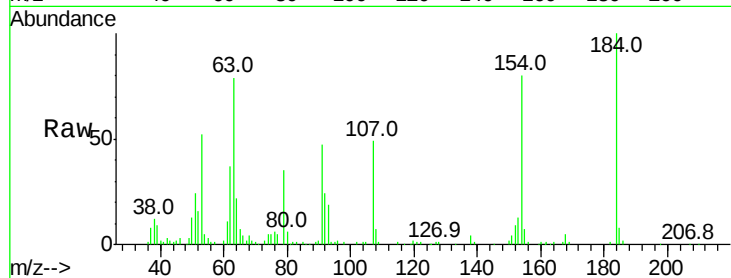




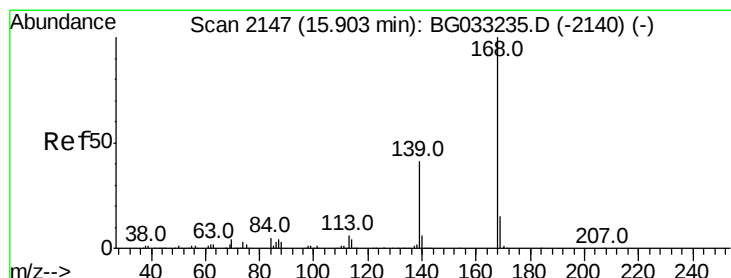
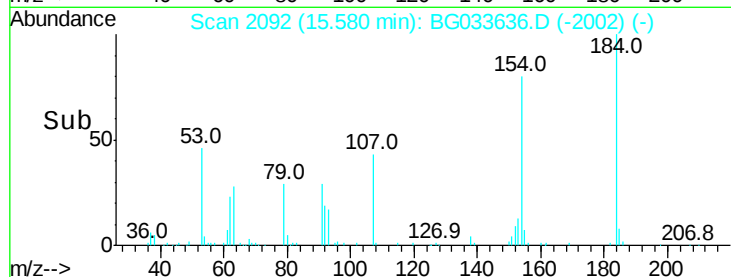
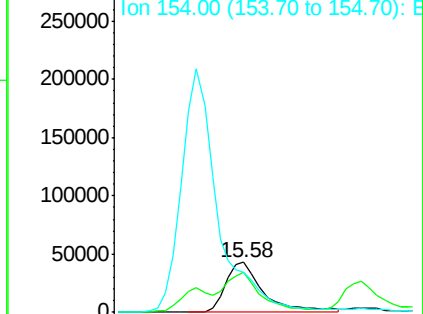
#53
2,4-Dinitrophenol
Concen: 69.342 ng
RT: 15.58 min Scan# 2092
Delta R.T. 0.00 min
Lab File: BG033636.D
Acq: 6 Apr 2018 20:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 85793
Ion Ratio Lower Upper
184 100
63 79.3 59.8 89.8
154 79.6 101.8 152.8#

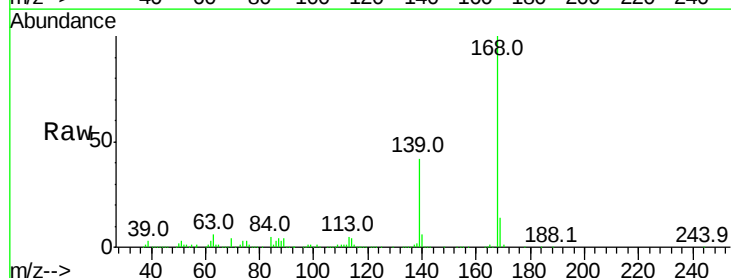


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

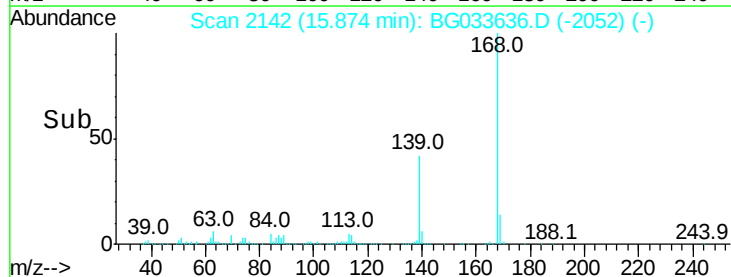
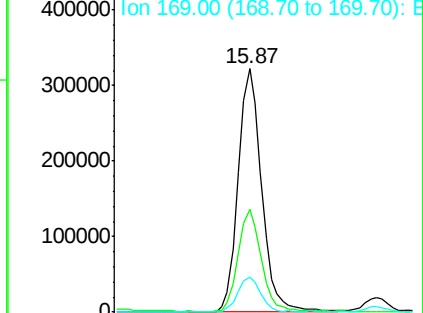


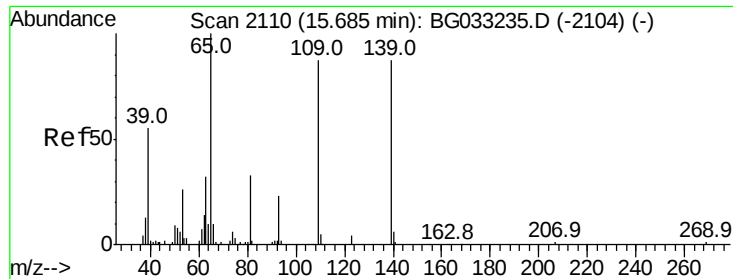
#54
Dibenzofuran
Concen: 43.483 ng
RT: 15.87 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG033636.D
Acq: 6 Apr 2018 20:04

Tgt Ion:168 Resp: 558753
Ion Ratio Lower Upper
168 100
139 42.4 28.6 43.0
169 14.5 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: 72.710 ng

RT: 15.66 min Scan# 2106

Delta R.T. -0.01 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

Instrument :

BNA_G

ClientSampleId :

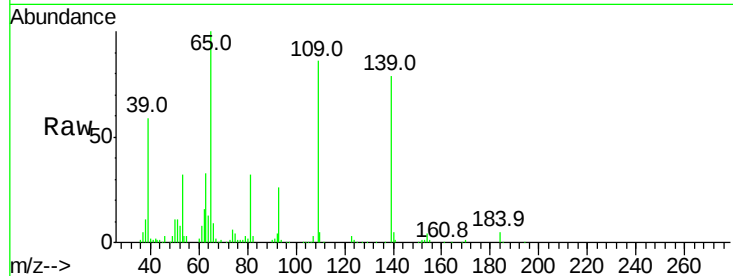
Tot Ion:139 Resp: 130178

Ion Ratio Lower Upper

139 100

109 108.3 62.2 102.2#

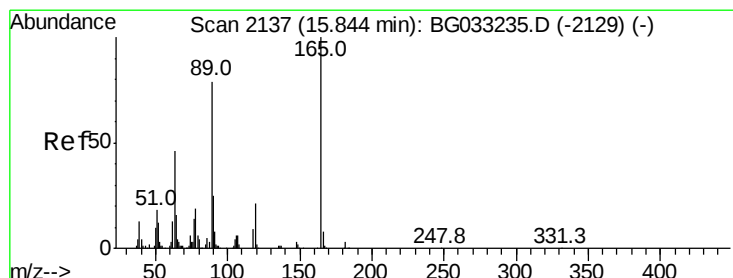
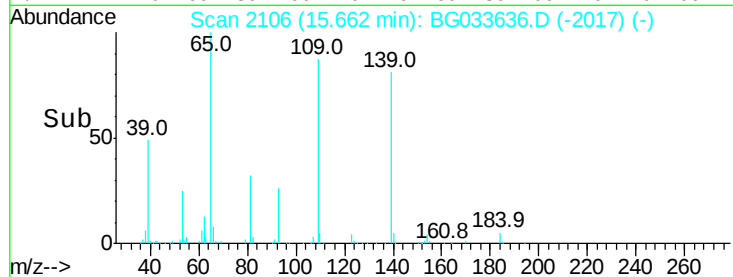
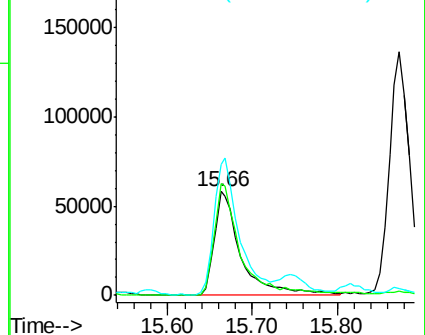
65 126.3 97.2 137.2



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 43.984 ng

RT: 15.82 min Scan# 2133

Delta R.T. 0.01 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

Tgt Ion:165 Resp: 157279

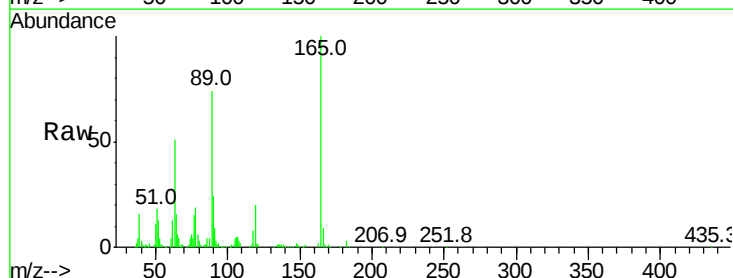
Ion Ratio Lower Upper

165 100

63 50.5 42.0 63.0

89 74.2 66.9 100.3

182 2.8 2.6 3.8

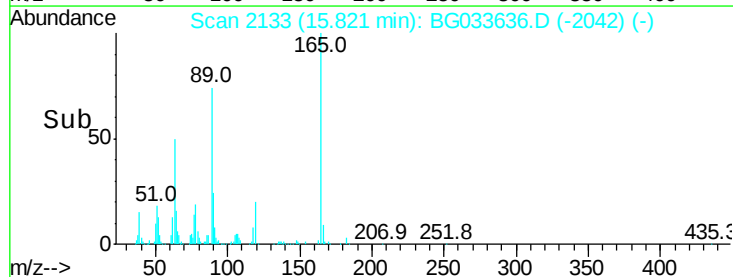
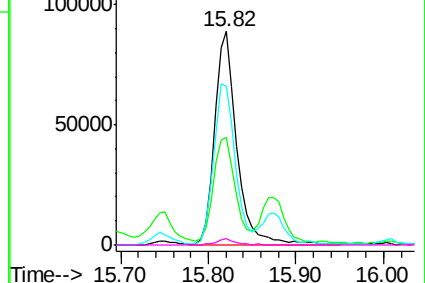


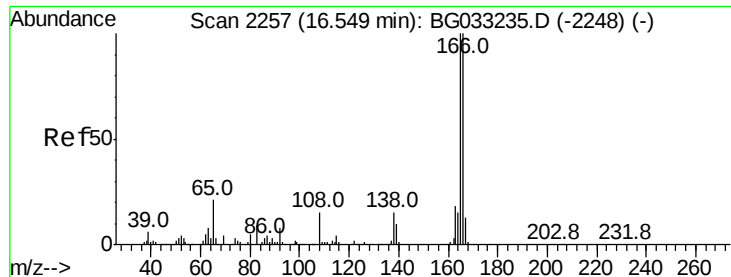
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 42.889 ng

RT: 16.51 min Scan# 2251

Delta R.T. 0.00 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

Instrument :

BNA_G

ClientSampleId :

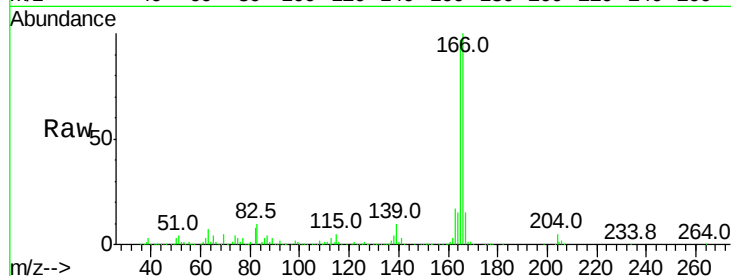
Tot Ion:166 Resp: 469522

Ion Ratio Lower Upper

166 100

165 97.3 80.6 121.0

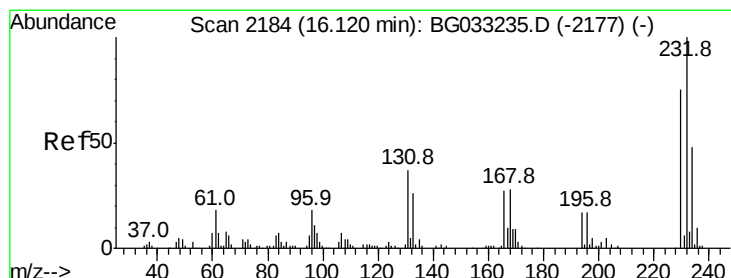
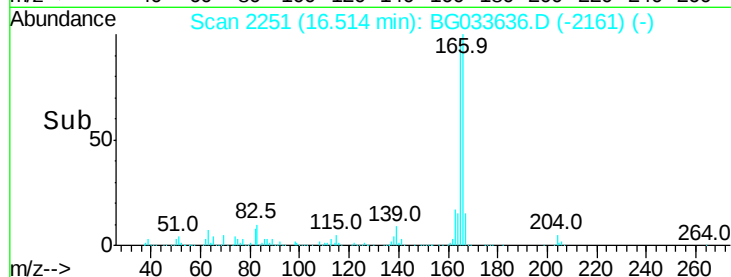
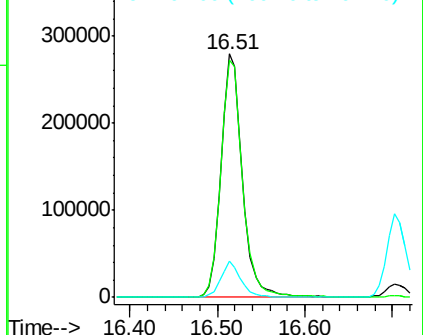
167 14.8 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.613 ng

RT: 16.09 min Scan# 2179

Delta R.T. 0.01 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

Tgt Ion:232 Resp: 129804

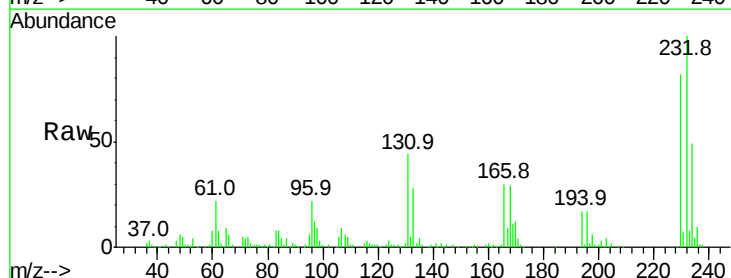
Ion Ratio Lower Upper

232 100

131 43.9 33.5 50.3

130 2.7 2.2 3.2

166 31.1 24.8 37.2

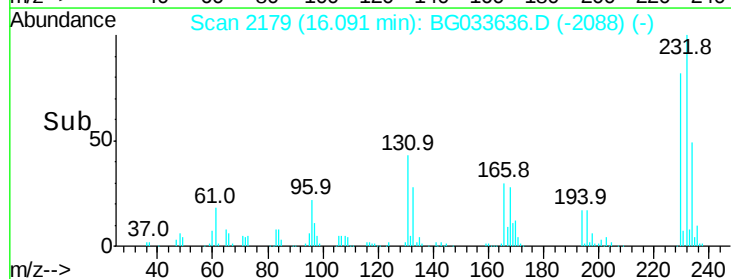
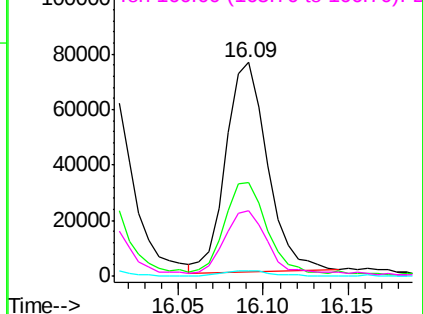


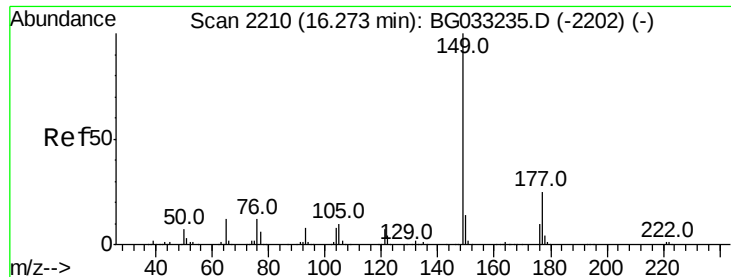
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

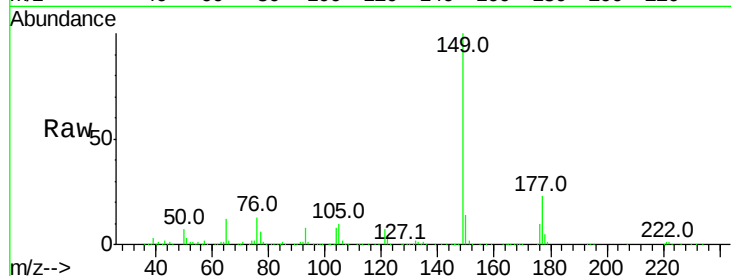




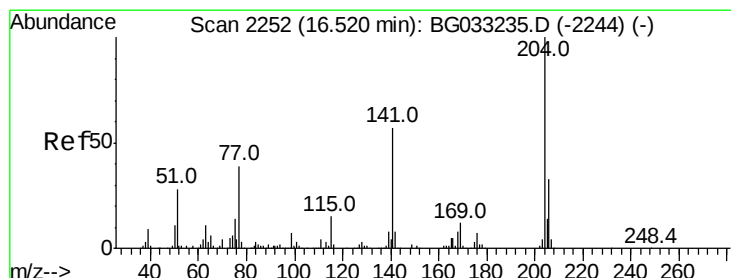
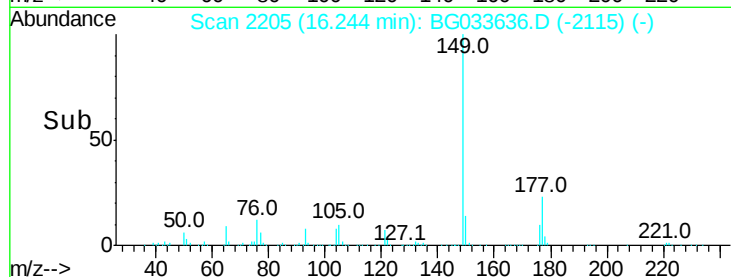
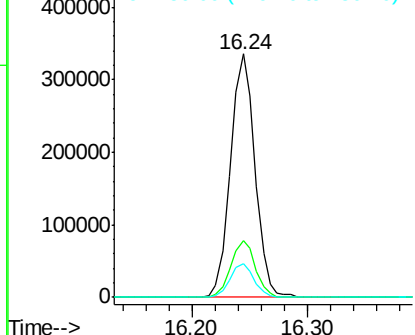
#59
Diethylphthalate
Concen: 42.708 ng
RT: 16.24 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BG033636.D
Acq: 6 Apr 2018 20:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.5	27.7
150	14.1	10.2	15.2

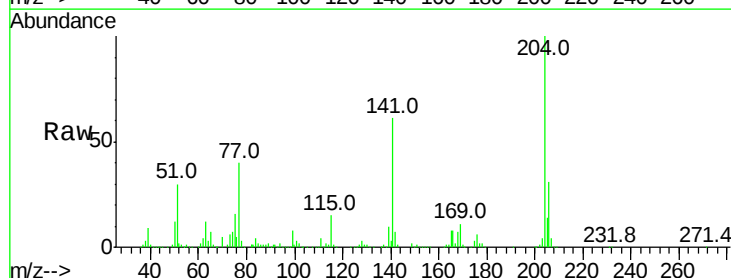


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

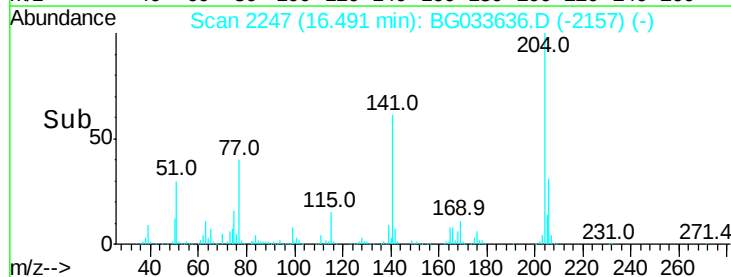
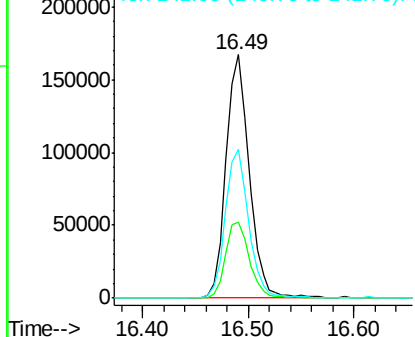


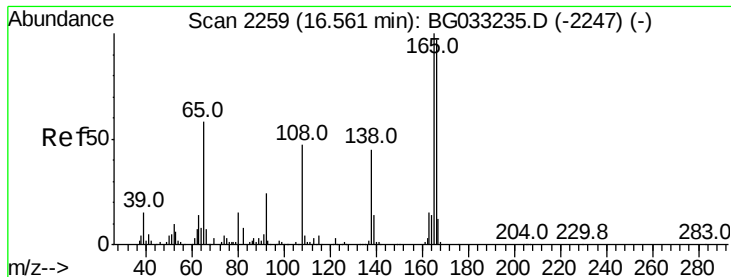
#60
4-Chlorophenyl-phenylether
Concen: 40.551 ng
RT: 16.49 min Scan# 2247
Delta R.T. 0.00 min
Lab File: BG033636.D
Acq: 6 Apr 2018 20:04

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.0	26.2	39.2
141	61.1	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

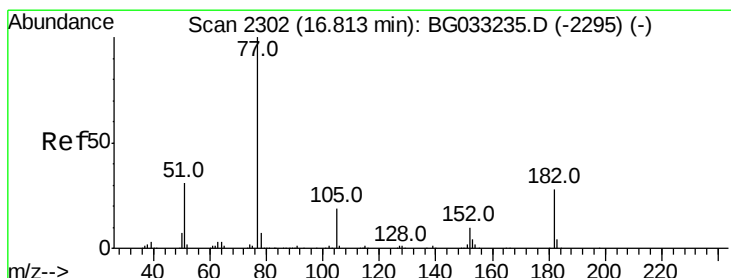
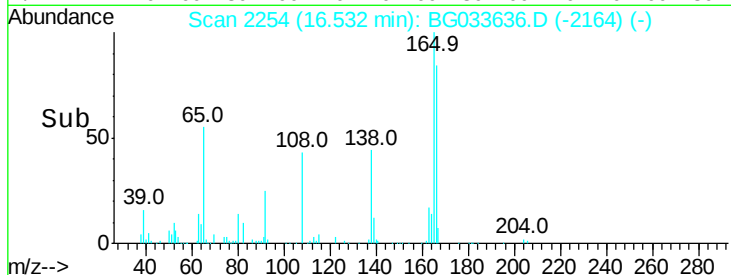
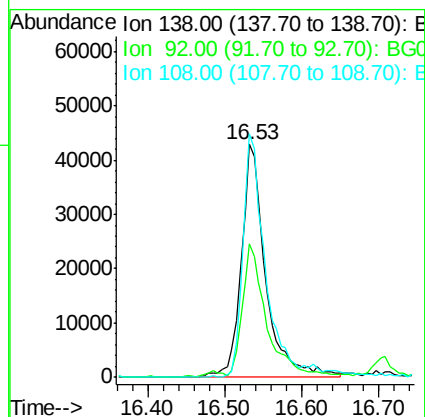
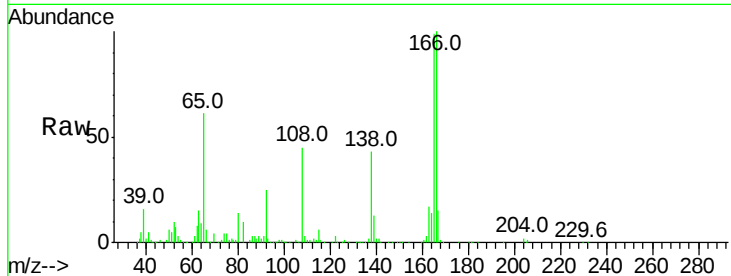




#61
4-Nitroaniline
Concen: 37.001 ng
RT: 16.53 min Scan# 2254
Delta R.T. 0.00 min
Lab File: BG033636.D
Acq: 6 Apr 2018 20:04

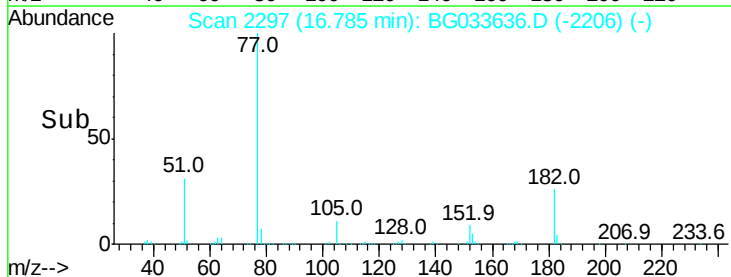
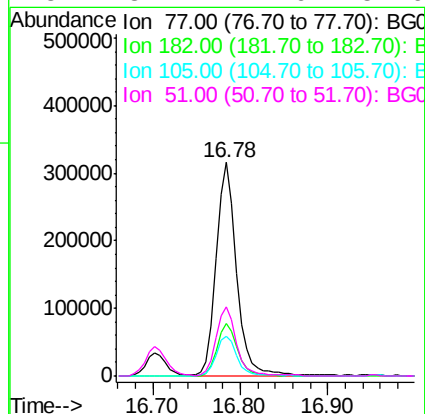
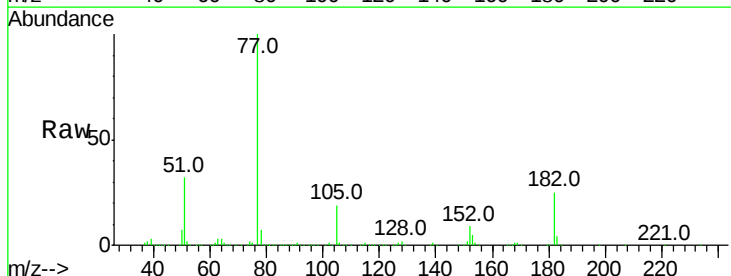
Instrument :
BNA_G
ClientSampled :

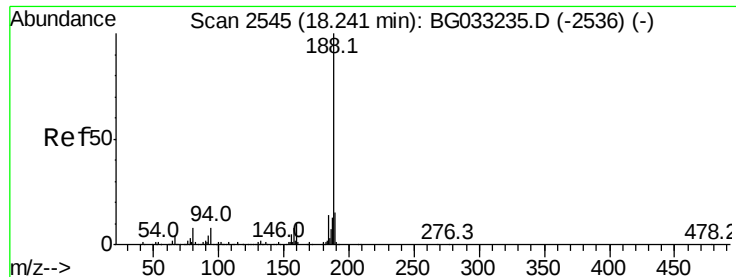
Tot Ion:138 Resp: 95403
Ion Ratio Lower Upper
138 100
92 57.3 40.1 80.1
108 104.6 65.4 105.4



#62
Azobenzene
Concen: 45.549 ng
RT: 16.78 min Scan# 2297
Delta R.T. 0.01 min
Lab File: BG033636.D
Acq: 6 Apr 2018 20:04

Tgt Ion: 77 Resp: 508876
Ion Ratio Lower Upper
77 100
182 24.5 7.4 47.4
105 18.8 0.3 40.3
51 32.1 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.21 min Scan# 2540

Delta R.T. 0.00 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

Instrument :

BNA_G

ClientSampleId :

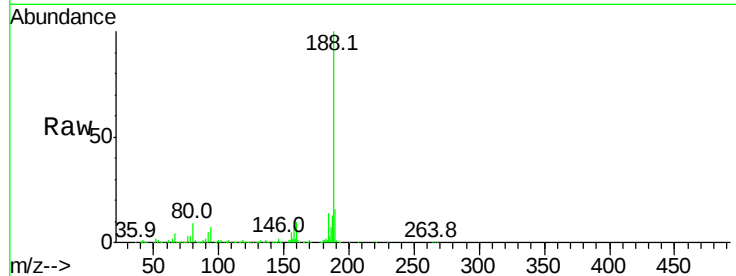
Tot Ion:188 Resp: 339460

Ion Ratio Lower Upper

188 100

94 7.5 6.9 10.3

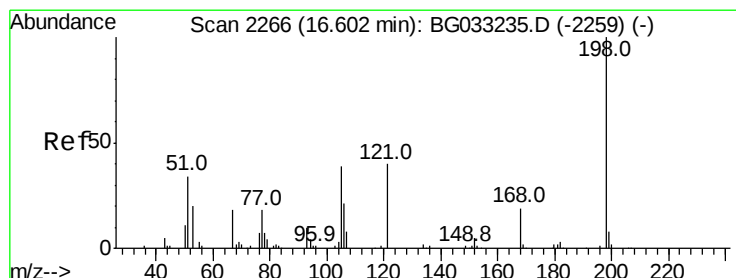
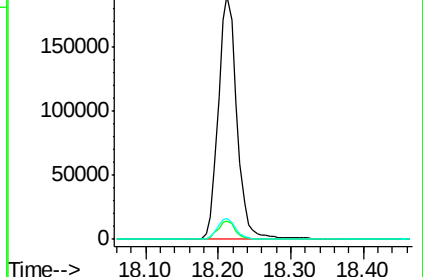
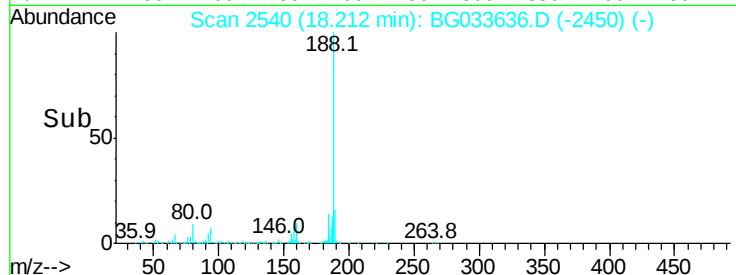
80 8.6 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 36.329 ng

RT: 16.58 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

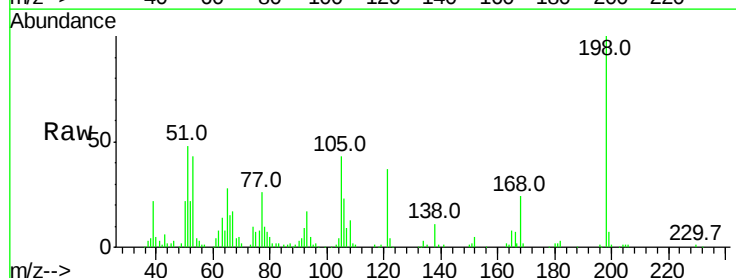
Tgt Ion:198 Resp: 73775

Ion Ratio Lower Upper

198 100

51 48.1 30.6 70.6

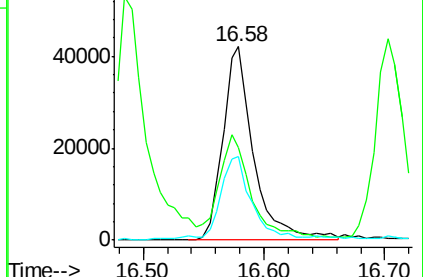
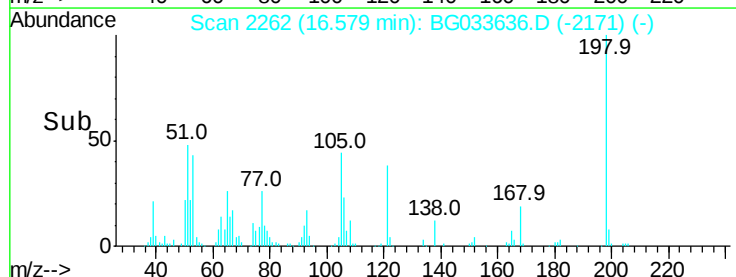
105 43.5 23.8 63.8

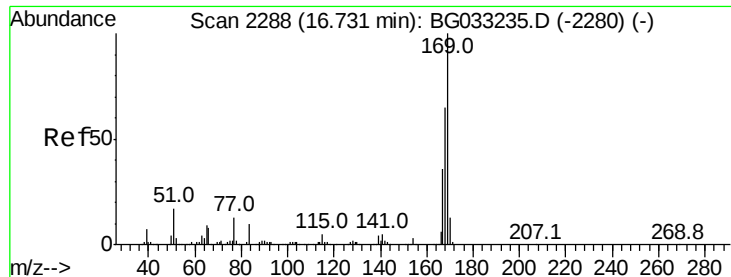


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

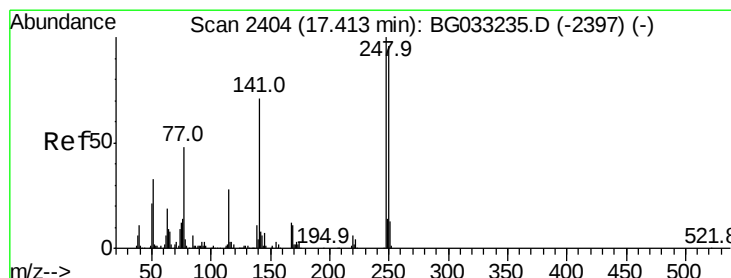
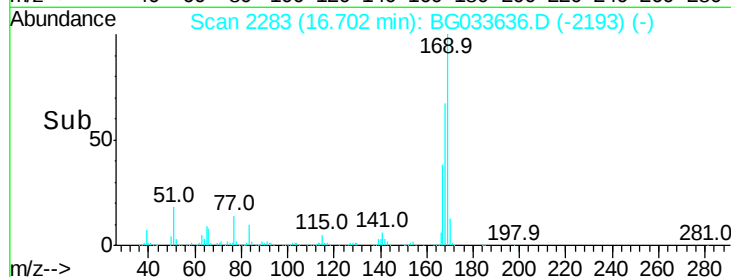
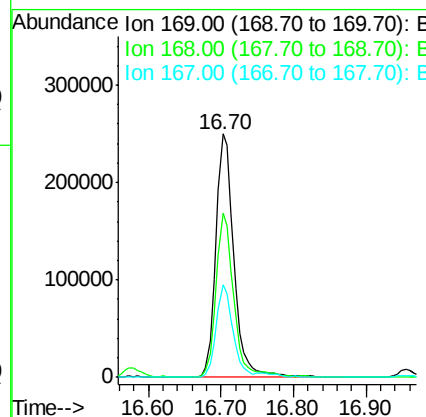
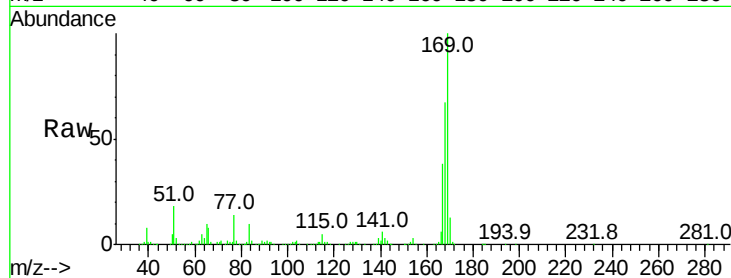




#65
 n-Nitrosodiphenylamine
 Concen: 44.580 ng
 RT: 16.70 min Scan# 2283
 Delta R.T. 0.00 min
 Lab File: BG033636.D
 Acq: 6 Apr 2018 20:04

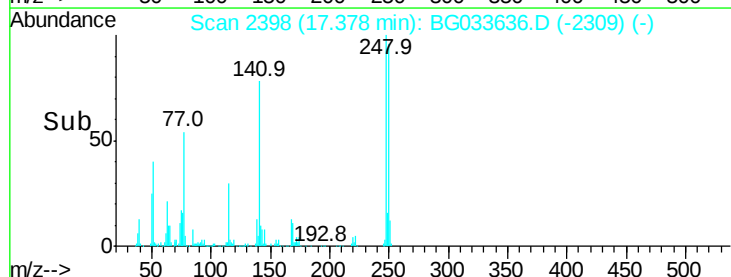
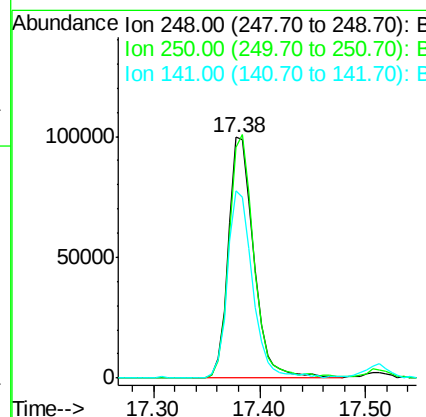
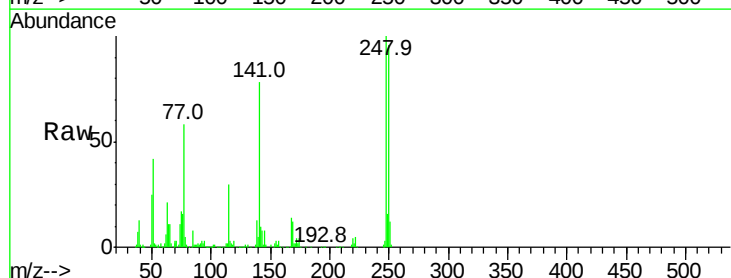
Instrument :
 BNA_G
 ClientSampleId :

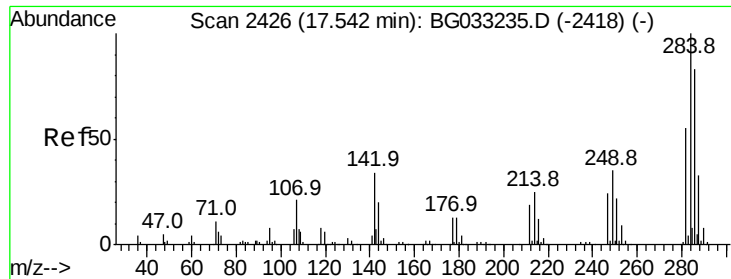
Tot Ion:169 Resp: 432026
 Ion Ratio Lower Upper
 169 100
 168 67.4 55.7 83.5
 167 38.2 30.1 45.1



#66
 4-Bromophenyl-phenylether
 Concen: 41.655 ng
 RT: 17.38 min Scan# 2398
 Delta R.T. -0.01 min
 Lab File: BG033636.D
 Acq: 6 Apr 2018 20:04

Tgt Ion:248 Resp: 166064
 Ion Ratio Lower Upper
 248 100
 250 95.7 77.1 115.7
 141 77.9 50.8 76.2#

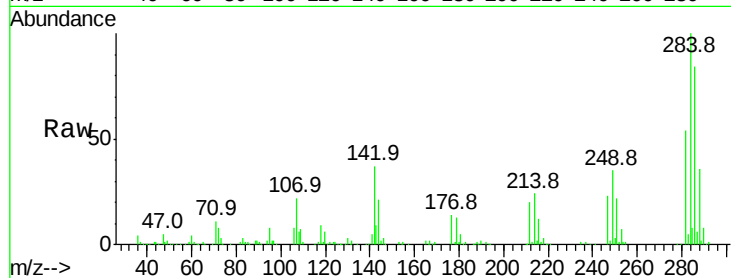




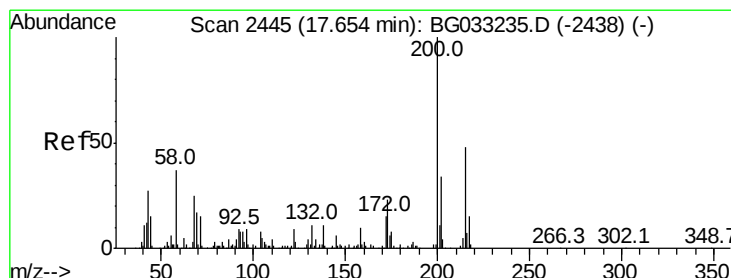
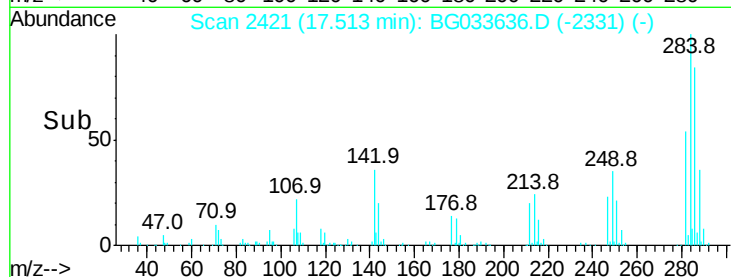
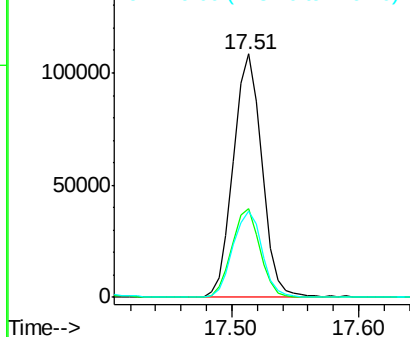
#67
Hexachlorobenzene
Concen: 40.228 ng
RT: 17.51 min Scan# 2421
Delta R.T. 0.00 min
Lab File: BG033636.D
Acq: 6 Apr 2018 20:04

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
284	100		
142	36.7	26.8	40.2
249	35.2	26.3	39.5

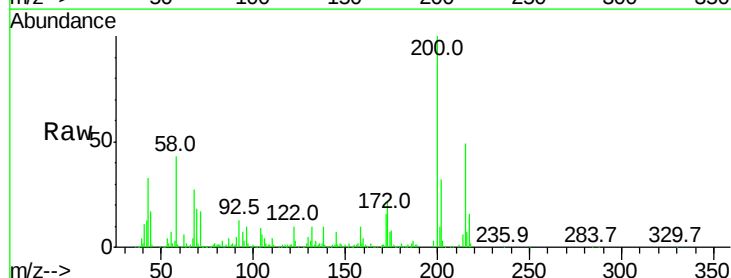


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

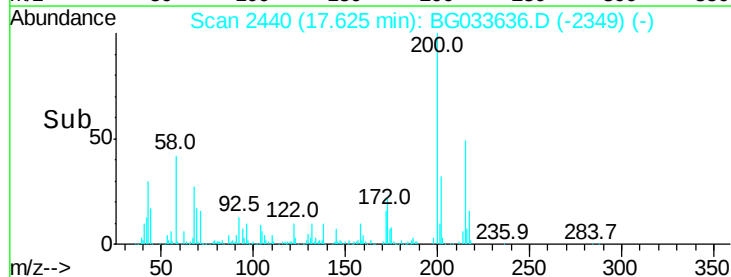
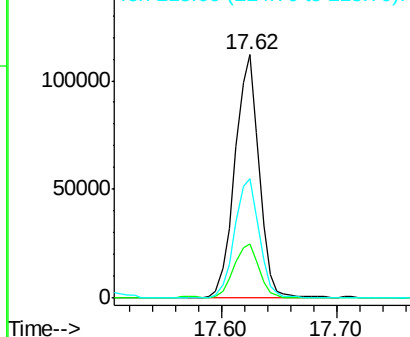


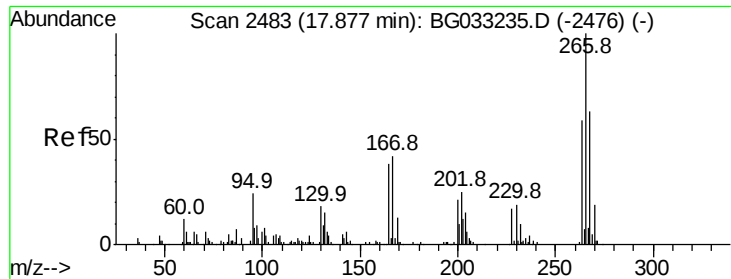
#68
Atrazine
Concen: 41.191 ng
RT: 17.62 min Scan# 2440
Delta R.T. 0.01 min
Lab File: BG033636.D
Acq: 6 Apr 2018 20:04

Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.5	5.2	45.2
215	49.0	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

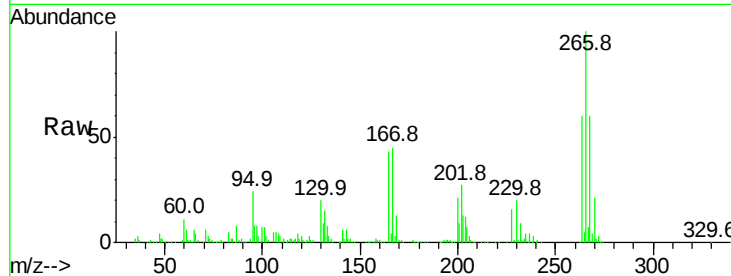




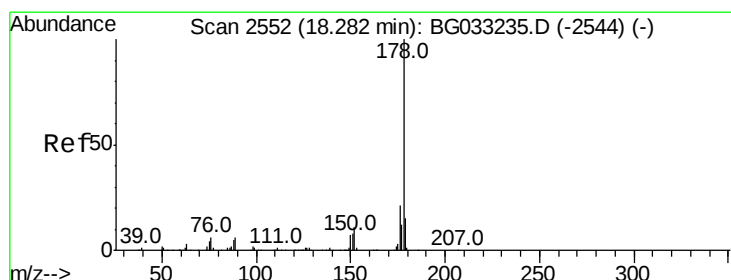
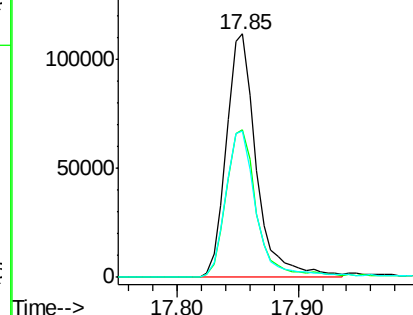
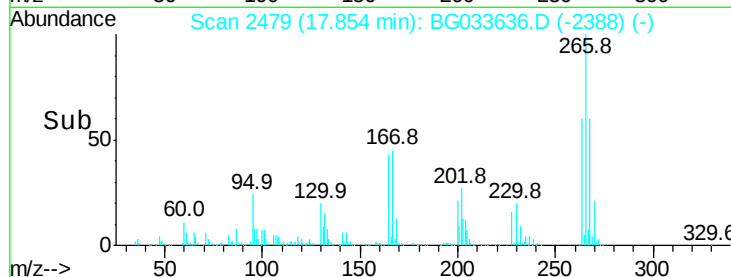
#69
 Pentachlorophenol
 Concen: 67.023 ng
 RT: 17.85 min Scan# 2479
 Delta R.T. 0.01 min
 Lab File: BG033636.D
 Acq: 6 Apr 2018 20:04

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	60.4	51.1	76.7
264	60.0	49.6	74.4

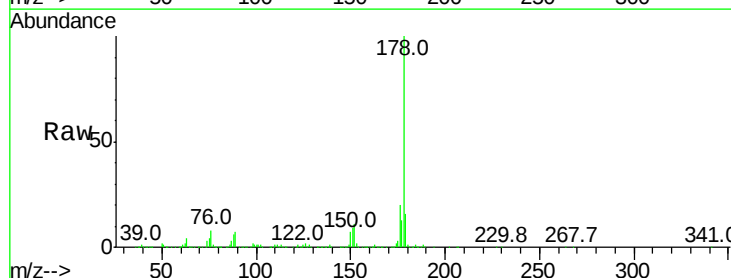


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

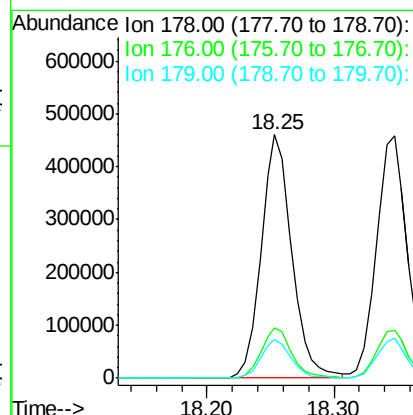
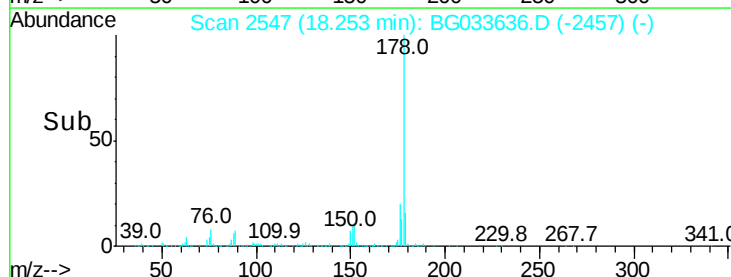


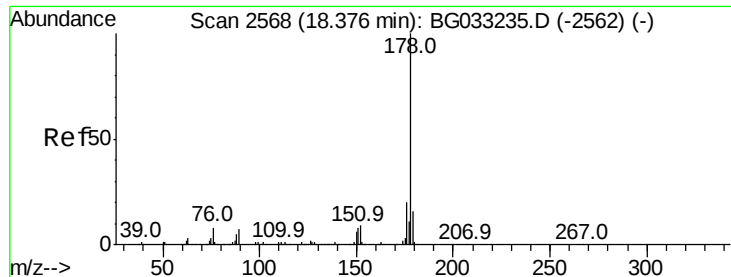
#70
 Phenanthrene
 Concen: 43.665 ng
 RT: 18.25 min Scan# 2547
 Delta R.T. 0.00 min
 Lab File: BG033636.D
 Acq: 6 Apr 2018 20:04

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.7	23.5
179	16.0	12.5	18.7



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

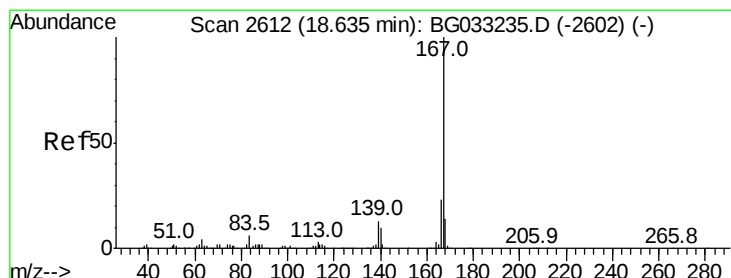
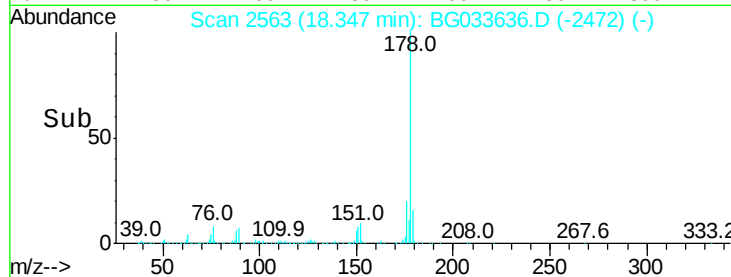
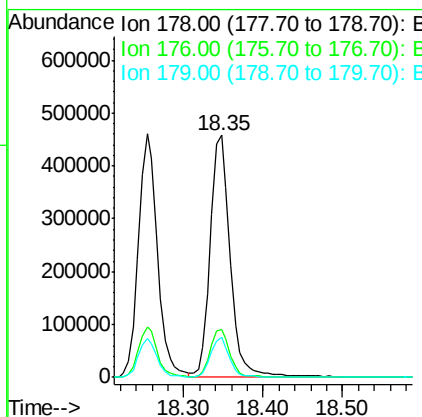
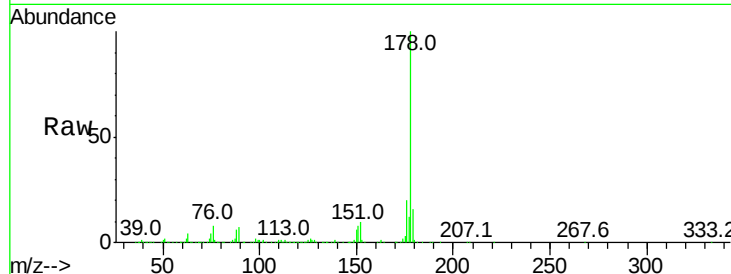




#71
 Anthracene
 Concen: 44.525 ng
 RT: 18.35 min Scan# 2563
 Delta R.T. 0.01 min
 Lab File: BG033636.D
 Acq: 6 Apr 2018 20:04

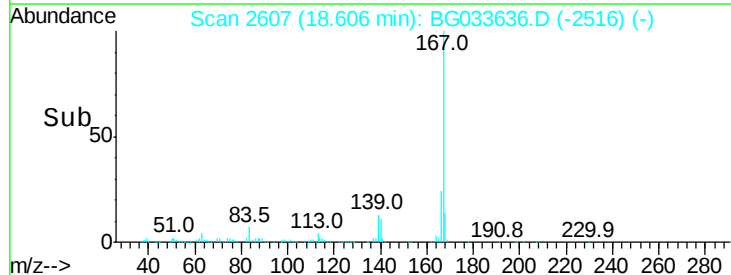
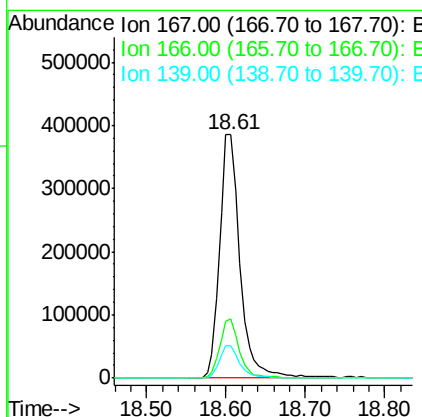
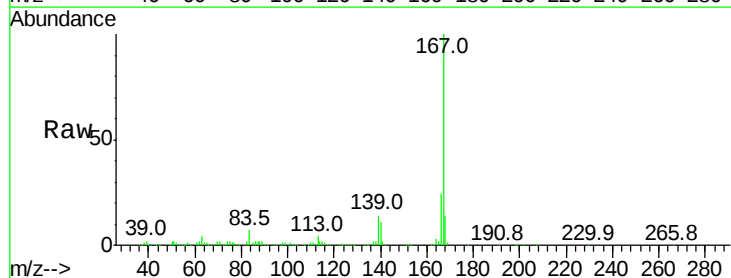
Instrument :
 BNA_G
 ClientSampleId :

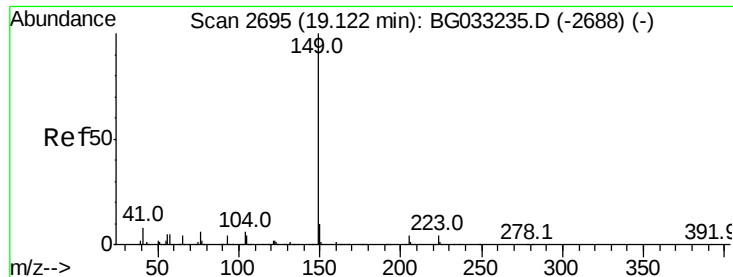
Tot Ion:178 Resp: 797015
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.0 24.0
 179 16.3 12.5 18.7



#72
 Carbazole
 Concen: 43.426 ng
 RT: 18.61 min Scan# 2607
 Delta R.T. 0.01 min
 Lab File: BG033636.D
 Acq: 6 Apr 2018 20:04

Tgt Ion:167 Resp: 688839
 Ion Ratio Lower Upper
 167 100
 166 24.2 18.2 27.4
 139 13.5 9.4 14.2





#73

Di-n-butylphthalate

Concen: 45.058 ng

RT: 19.09 min Scan# 2690

Delta R.T. 0.00 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

Instrument :

BNA_G

ClientSampleId :

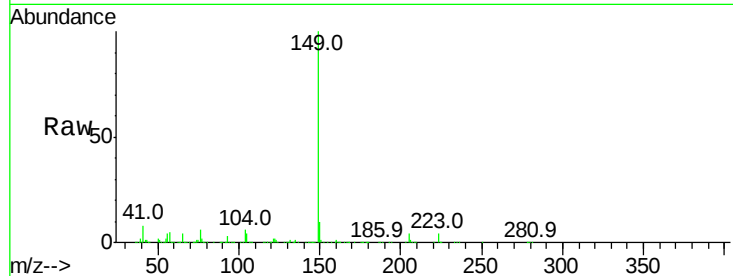
Tot Ion:149 Resp: 831905

Ion Ratio Lower Upper

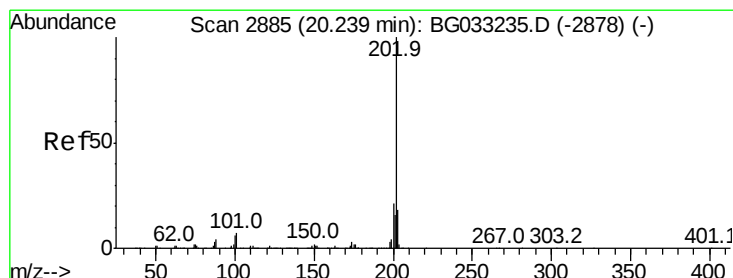
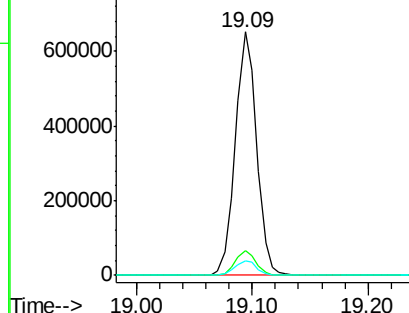
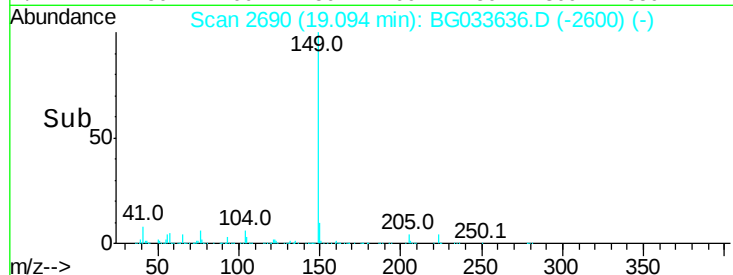
149 100

150 10.1 7.8 11.6

104 6.0 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.906 ng

RT: 20.21 min Scan# 2880

Delta R.T. 0.01 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

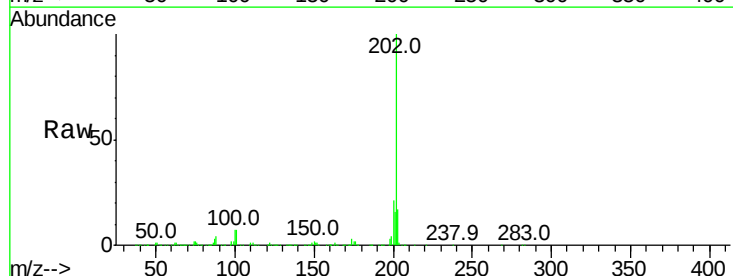
Tgt Ion:202 Resp: 938671

Ion Ratio Lower Upper

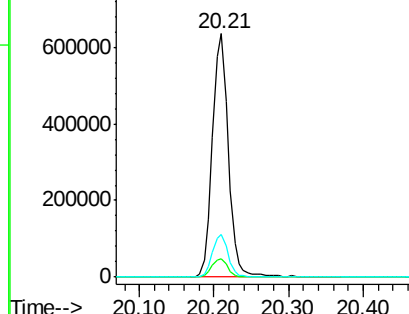
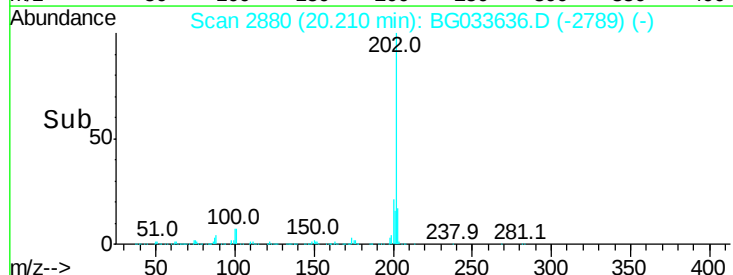
202 100

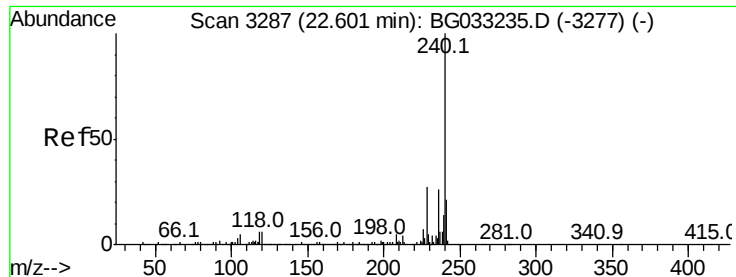
101 7.3 0.0 28.9

203 17.5 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3280

Delta R.T. 0.00 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

Instrument :

BNA_G

ClientSampleId :

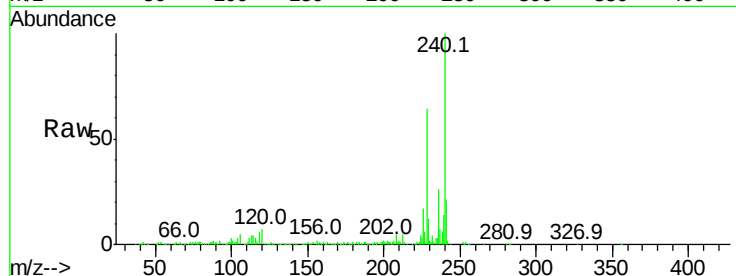
Tot Ion:240 Resp: 338428

Ion Ratio Lower Upper

240 100

120 7.2 6.8 10.2

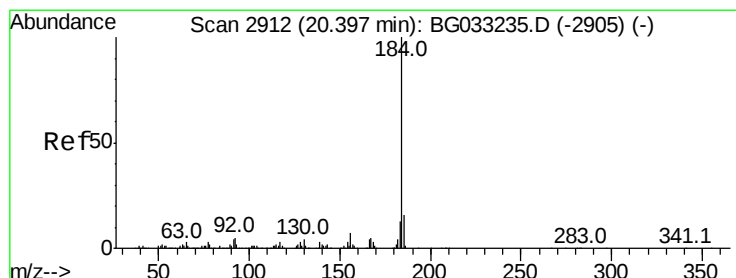
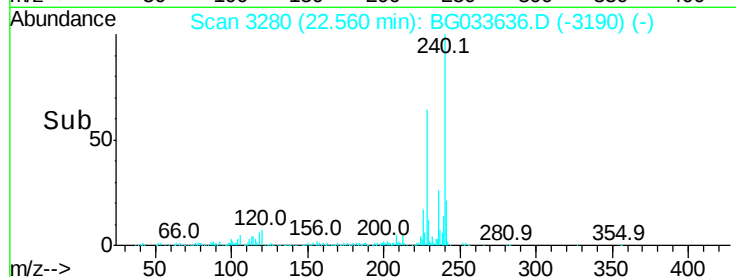
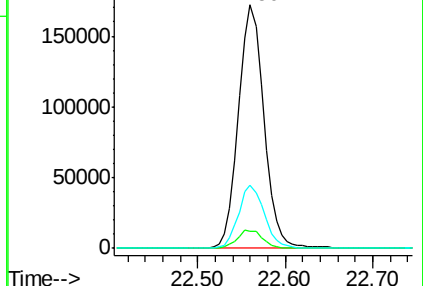
236 25.9 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 2.756 ng

RT: 20.39 min Scan# 2911

Delta R.T. 0.02 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

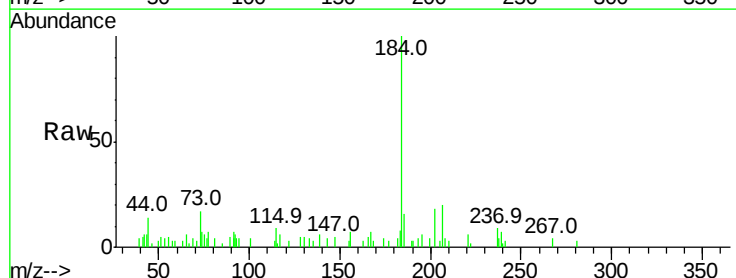
Tgt Ion:184 Resp: 25297

Ion Ratio Lower Upper

184 100

185 16.4 11.1 16.7

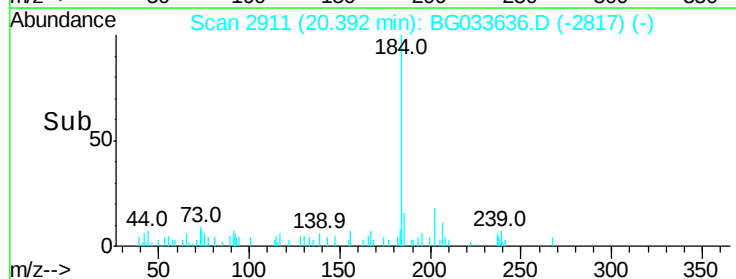
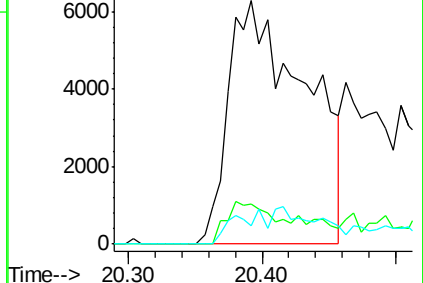
183 7.6 10.6 16.0#

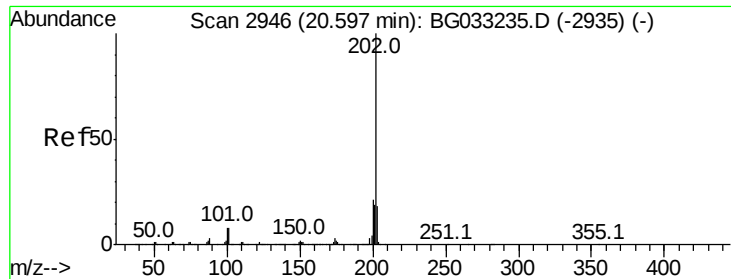


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

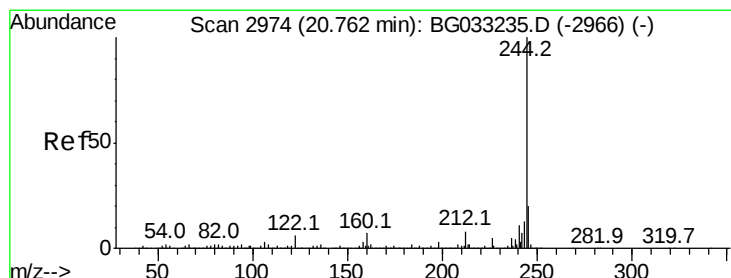
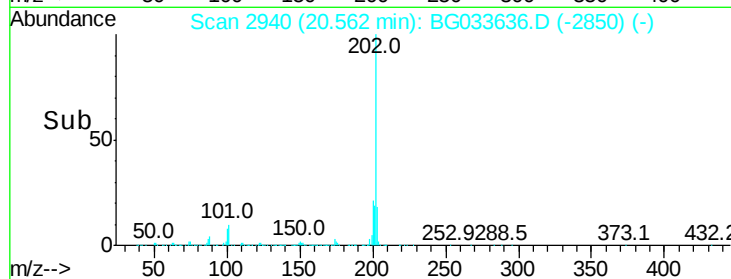
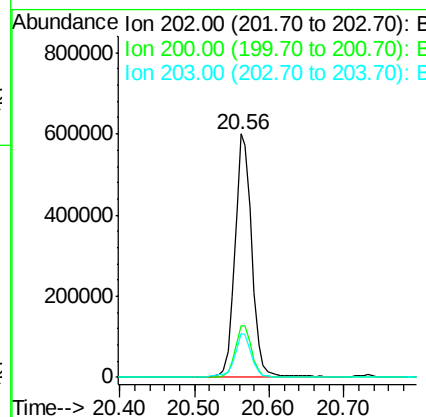
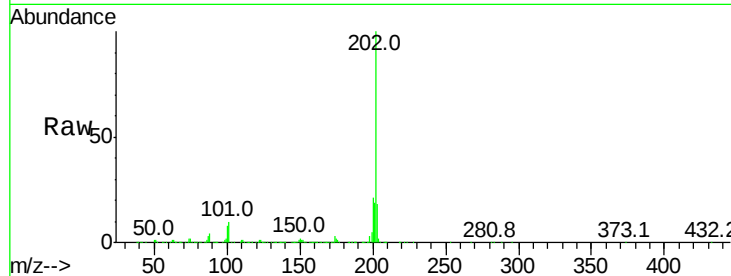




#77
Pvrene
Concen: 41.852 ng
RT: 20.56 min Scan# 2940
Delta R.T. 0.00 min
Lab File: BG033636.D
Acq: 6 Apr 2018 20:04

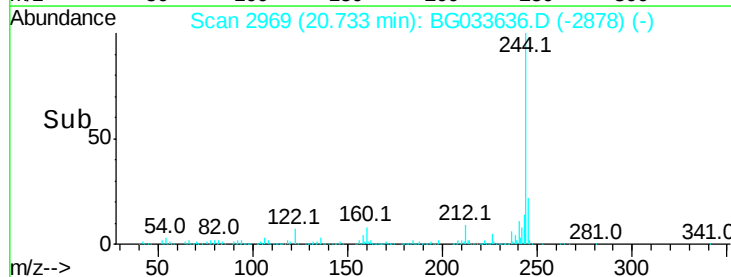
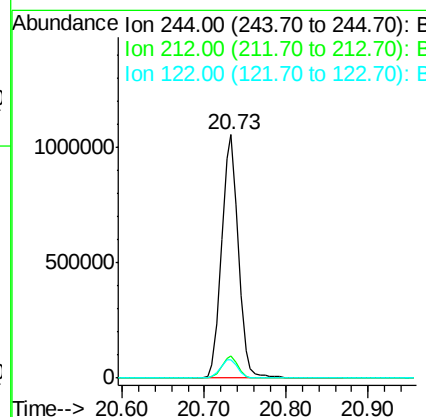
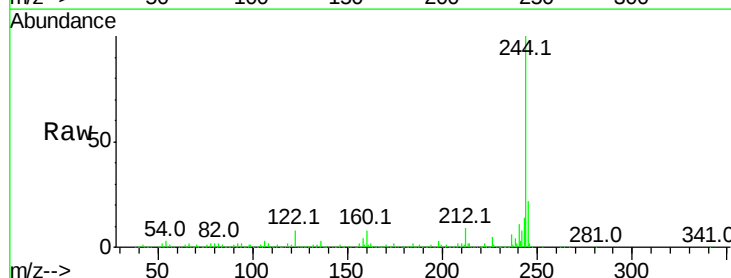
Instrument :
BNA_G
ClientSampleId :

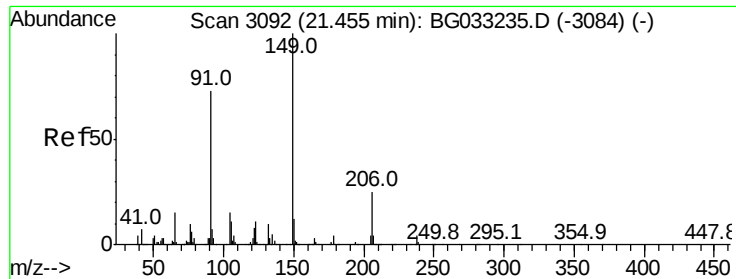
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.9	25.3
203	18.2	13.9	20.9



#78
Terphenyl-d14
Concen: 95.008 ng
RT: 20.73 min Scan# 2969
Delta R.T. 0.01 min
Lab File: BG033636.D
Acq: 6 Apr 2018 20:04

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.0	5.8	8.8#
122	7.6	7.0	10.4

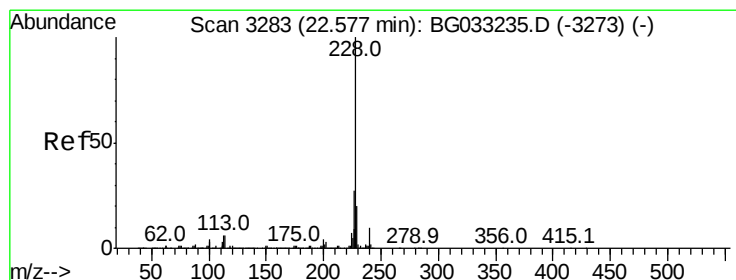
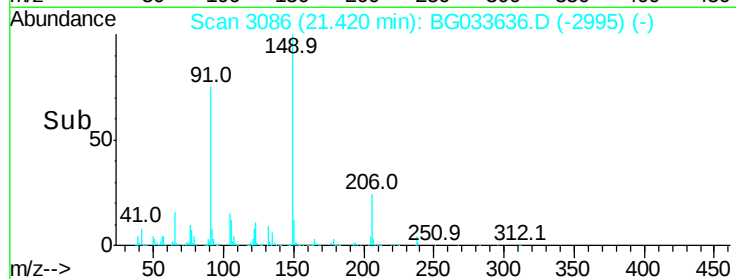
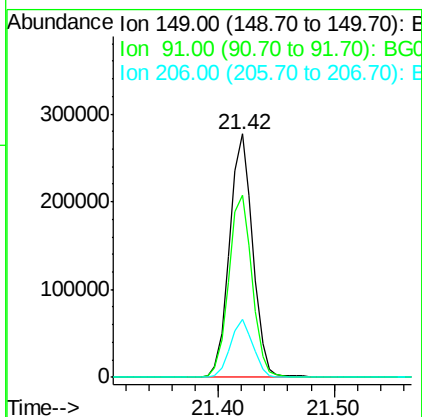
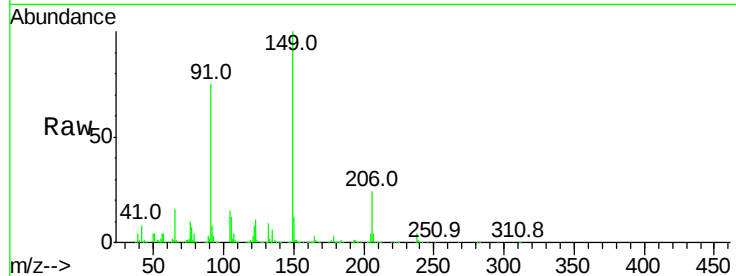




#79
Butylbenzylphthalate
Concen: 46.332 ng
RT: 21.42 min Scan# 3086
Delta R.T. 0.01 min
Lab File: BG033636.D
Acq: 6 Apr 2018 20:04

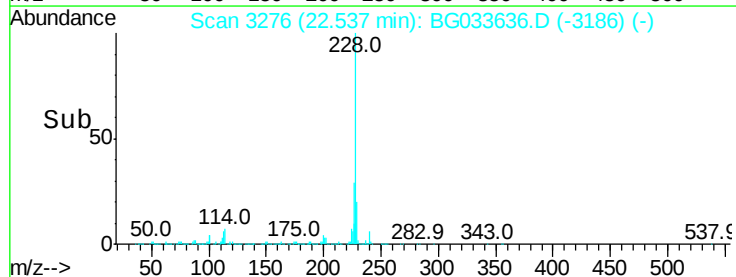
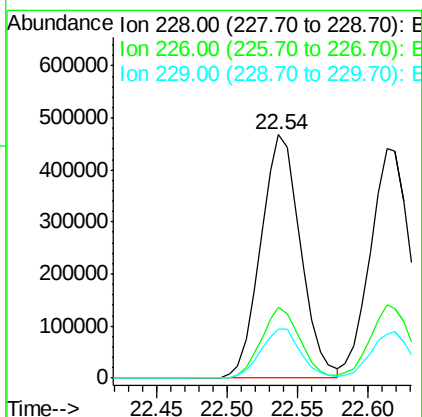
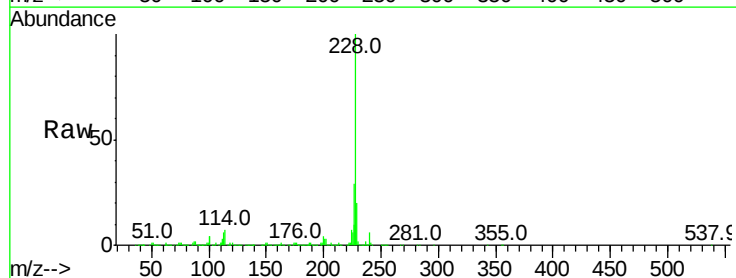
Instrument :
BNA_G
ClientSampleId :

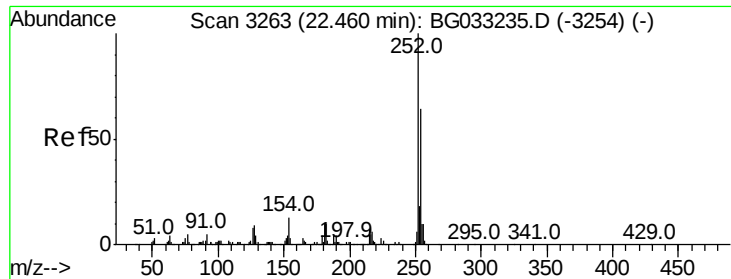
Tot Ion:149 Resp: 385913
Ion Ratio Lower Upper
149 100
91 74.6 62.2 93.2
206 23.9 18.6 27.8



#80
Benzo(a)anthracene
Concen: 42.862 ng
RT: 22.54 min Scan# 3276
Delta R.T. 0.00 min
Lab File: BG033636.D
Acq: 6 Apr 2018 20:04

Tgt Ion:228 Resp: 923668
Ion Ratio Lower Upper
228 100
226 29.2 22.7 34.1
229 20.2 16.2 24.2

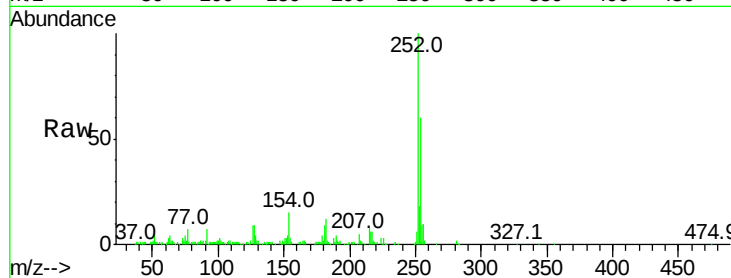




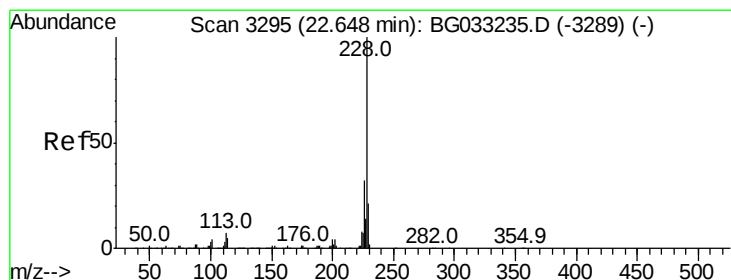
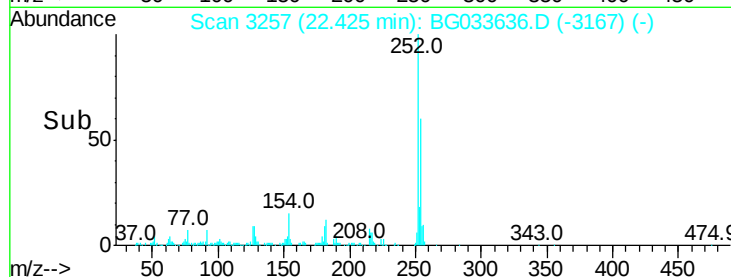
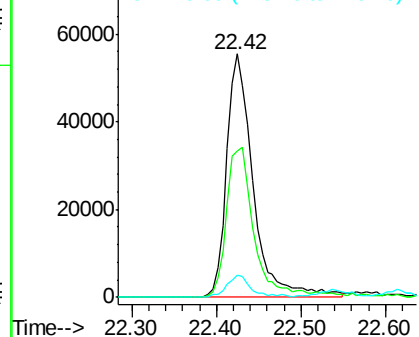
#81
 3,3'-Dichlorobenzidine
 Concen: 15.699 ng
 RT: 22.42 min Scan# 3257
 Delta R.T. 0.00 min
 Lab File: BG033636.D
 Acq: 6 Apr 2018 20:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:252 Resp: 120385
 Ion Ratio Lower Upper
 252 100
 254 59.9 50.8 76.2
 126 9.3 7.4 11.2

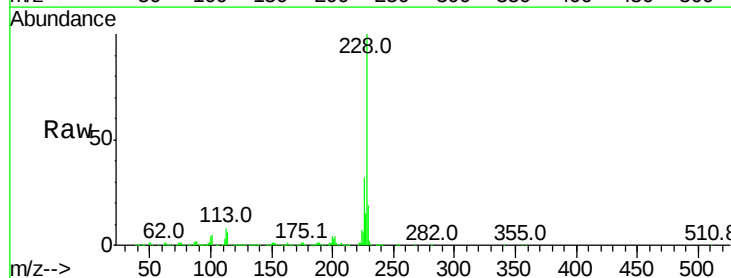


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

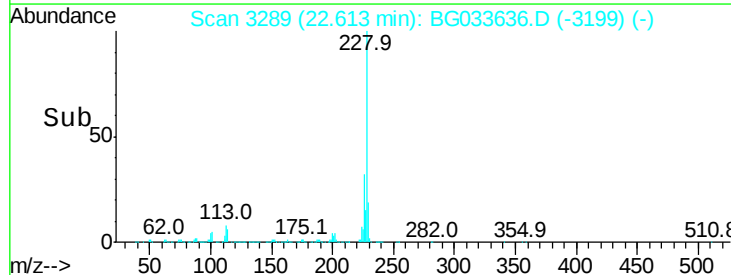
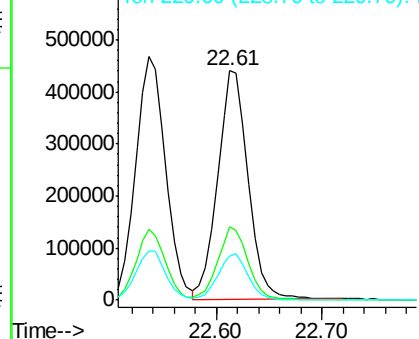


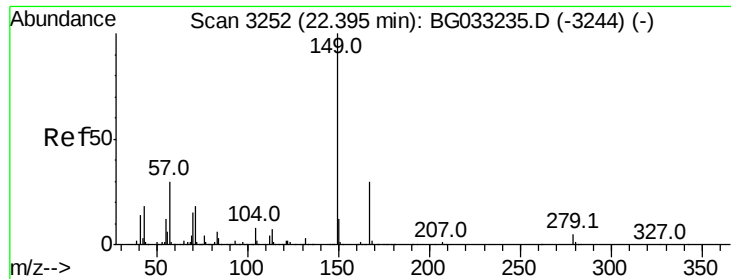
#82
 Chrysene
 Concen: 42.236 ng
 RT: 22.61 min Scan# 3289
 Delta R.T. 0.00 min
 Lab File: BG033636.D
 Acq: 6 Apr 2018 20:04

Tgt Ion:228 Resp: 881053
 Ion Ratio Lower Upper
 228 100
 226 31.9 24.9 37.3
 229 19.3 15.0 22.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.774 ng

RT: 22.35 min Scan# 3245

Delta R.T. 0.00 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

Instrument :

BNA_G

ClientSampleId :

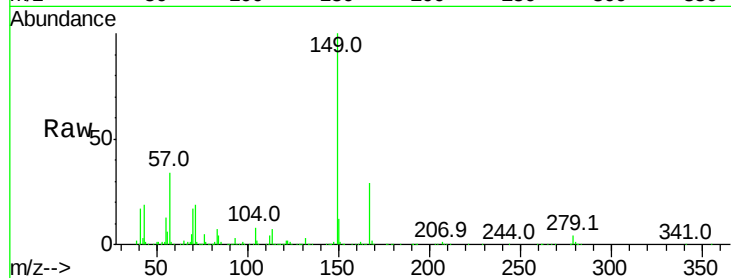
Tot Ion:149 Resp: 537056

Ion Ratio Lower Upper

149 100

167 28.5 24.3 36.5

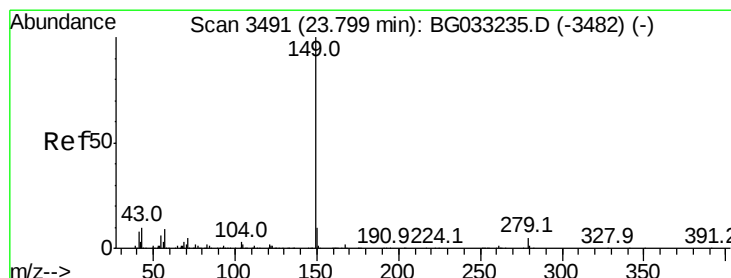
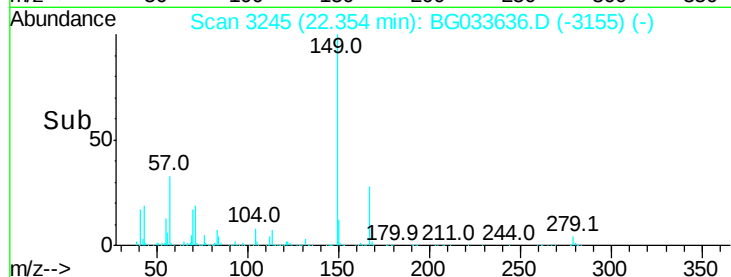
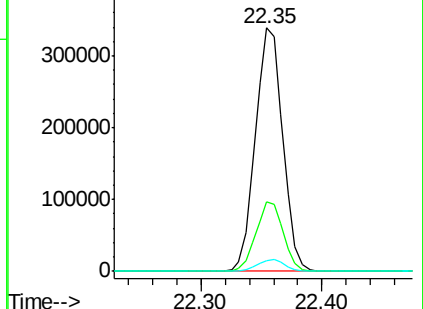
279 4.5 4.0 6.0



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: 52.559 ng

RT: 23.75 min Scan# 3483

Delta R.T. 0.01 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

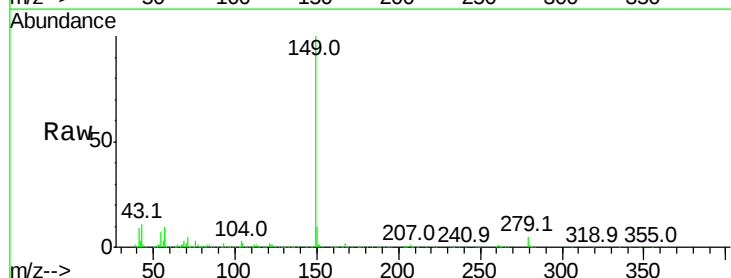
Tgt Ion:149 Resp: 923999

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

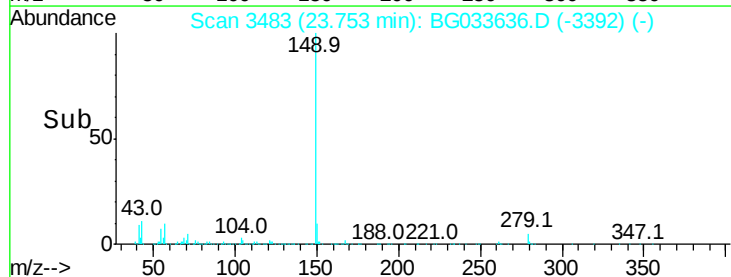
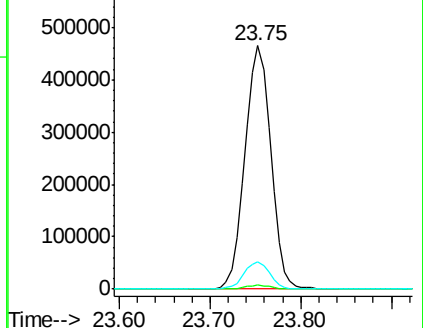
43 11.1 8.9 13.3

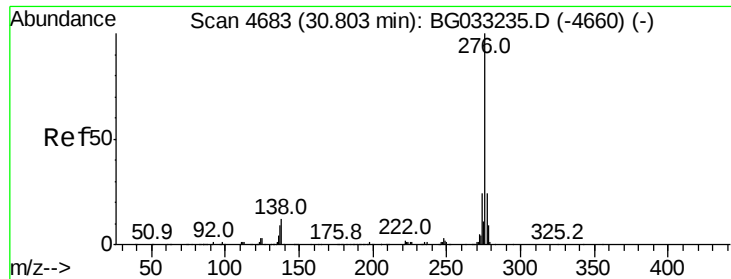


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGO

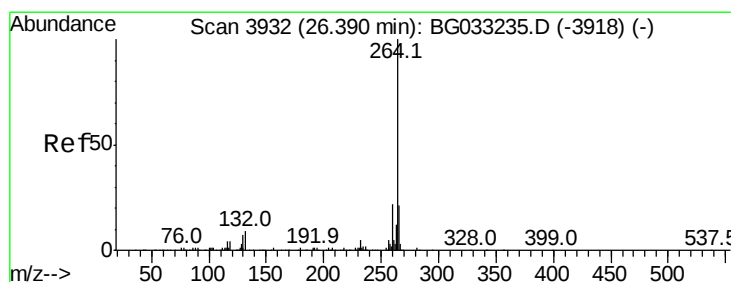
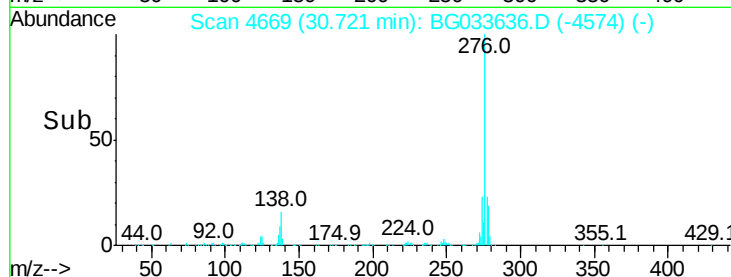
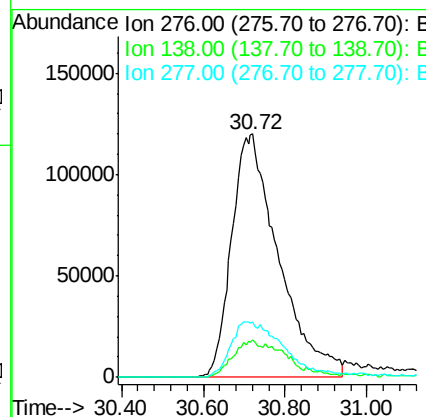
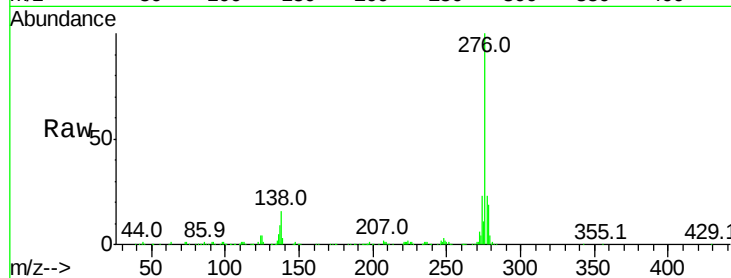




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.357 ng
 RT: 30.72 min Scan# 4669
 Delta R.T. 0.03 min
 Lab File: BG033636.D
 Acq: 6 Apr 2018 20:04

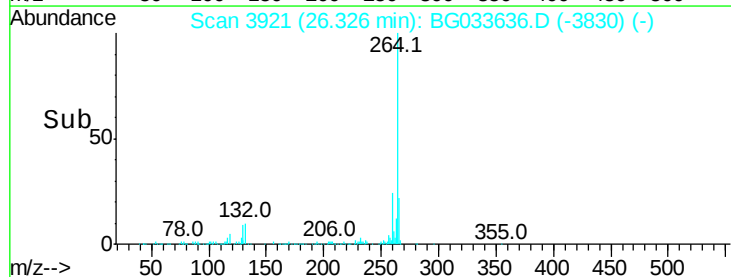
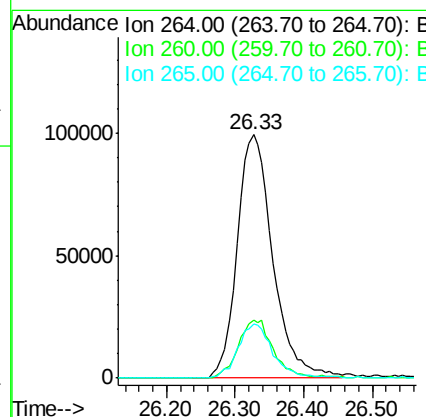
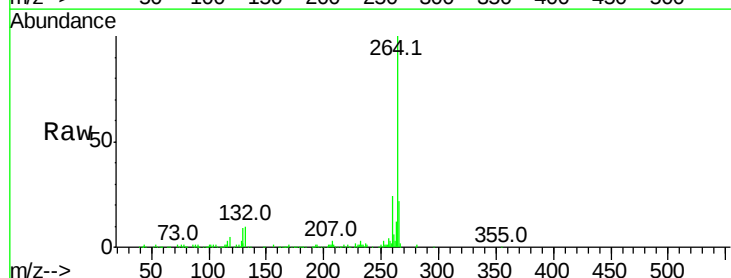
Instrument :
 BNA_G
 ClientSampleId :

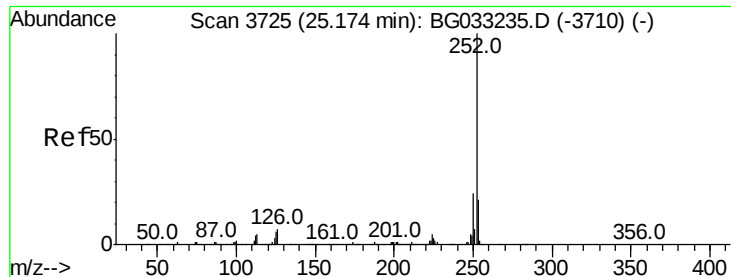
Tot Ion	Ratio	Lower	Upper
276	100		
138	9.0	16.0	24.0#
277	0.0	20.0	30.0#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.33 min Scan# 3921
 Delta R.T. 0.01 min
 Lab File: BG033636.D
 Acq: 6 Apr 2018 20:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	22.4	17.7	26.5

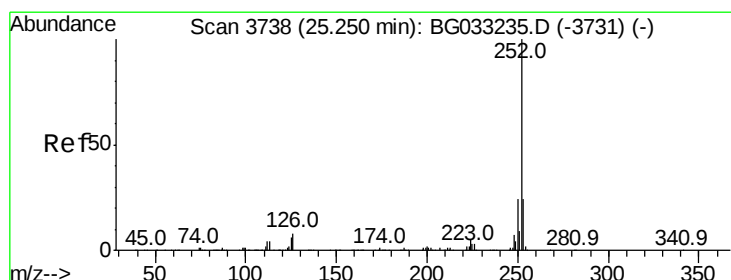
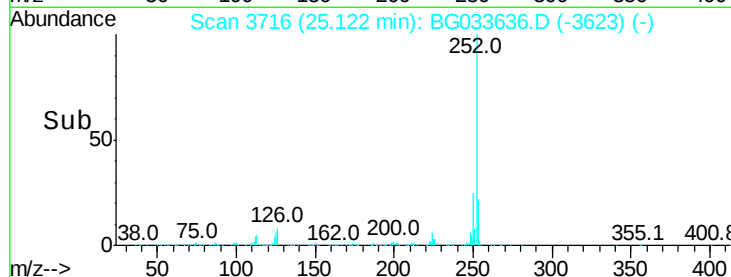
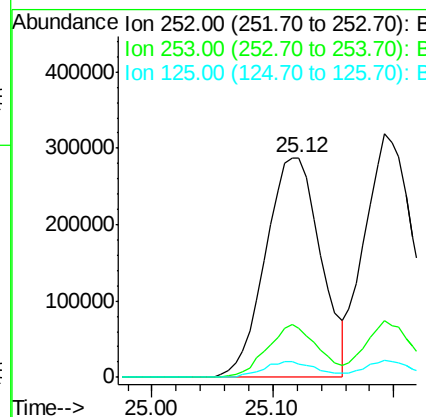
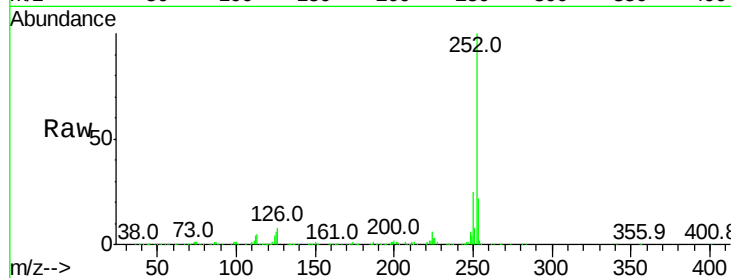




#87
Benzo(b)fluoranthene
Concen: 44.025 ng
RT: 25.12 min Scan# 3716
Delta R.T. 0.02 min
Lab File: BG033636.D
Acq: 6 Apr 2018 20:04

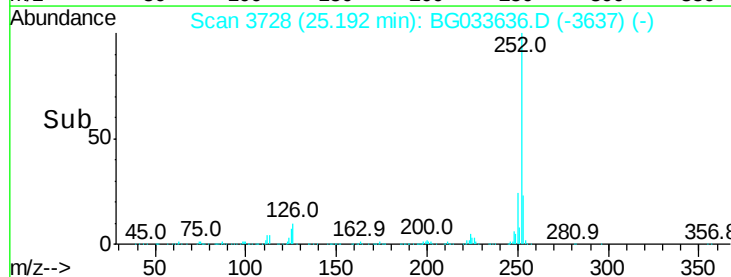
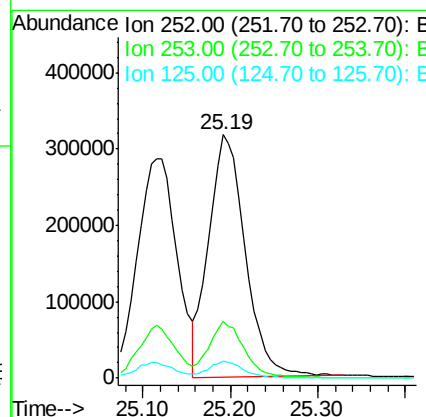
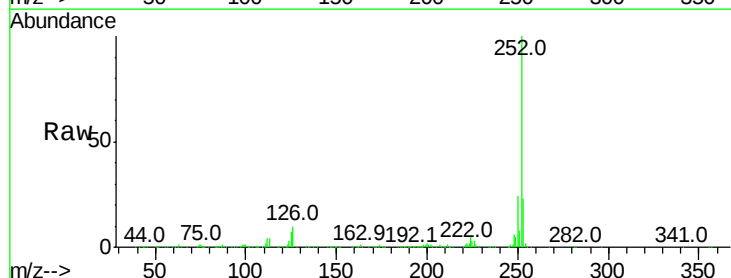
Instrument :
BNA_G
ClientSampleId :

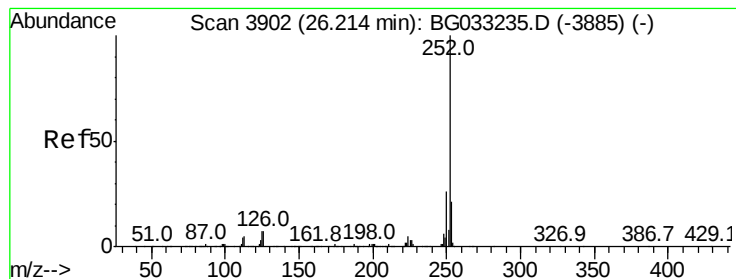
Tot Ion:252 Resp: 910359
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.4
125 6.0 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 43.819 ng
RT: 25.19 min Scan# 3728
Delta R.T. 0.01 min
Lab File: BG033636.D
Acq: 6 Apr 2018 20:04

Tgt Ion:252 Resp: 916400
Ion Ratio Lower Upper
252 100
253 23.2 17.4 26.2
125 6.8 6.6 9.8





#89

Benzo(a)pyrene

Concen: 44.804 ng

RT: 26.15 min Scan# 3891

Delta R.T. 0.01 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

Instrument :

BNA_G

ClientSampleId :

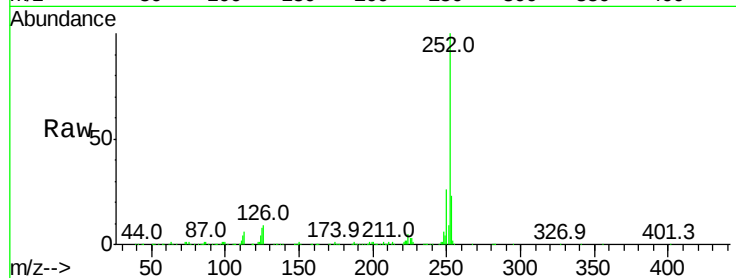
Tot Ion:252 Resp: 889698

Ion Ratio Lower Upper

252 100

253 23.5 18.3 27.5

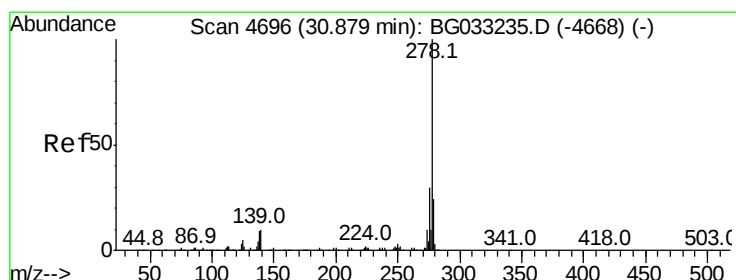
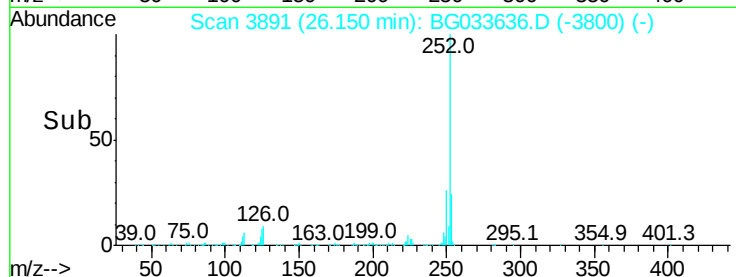
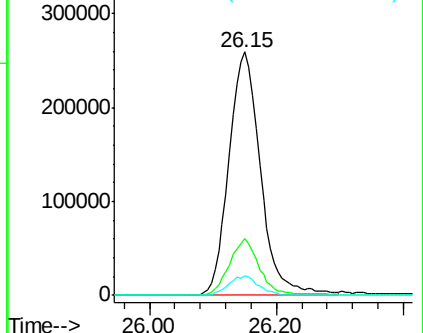
125 7.8 7.3 10.9



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: 41.644 ng

RT: 30.78 min Scan# 4679

Delta R.T. 0.02 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

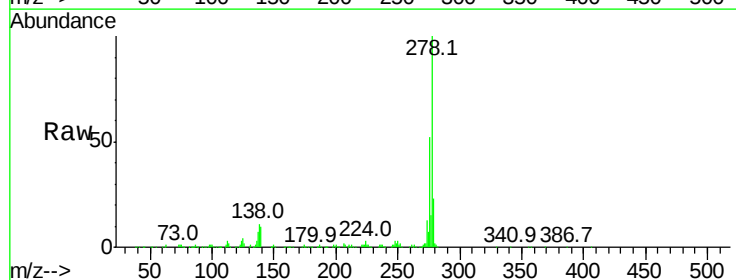
Tgt Ion:278 Resp: 778963

Ion Ratio Lower Upper

278 100

139 9.8 9.8 14.6

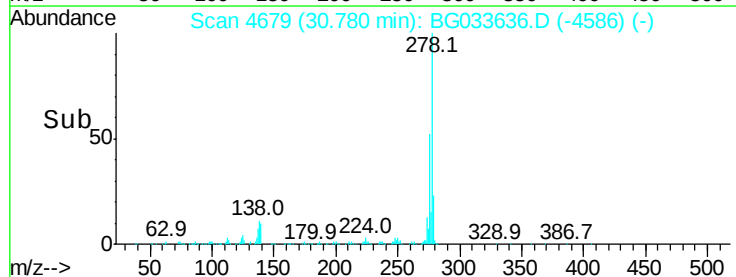
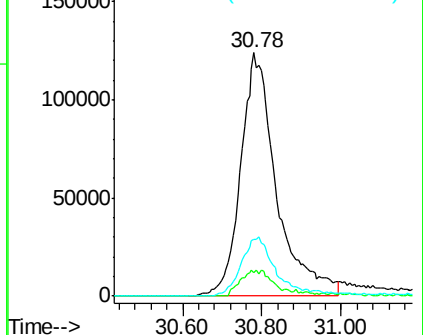
279 23.0 18.4 27.6

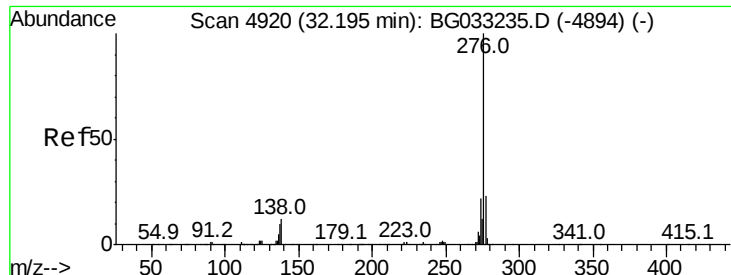


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

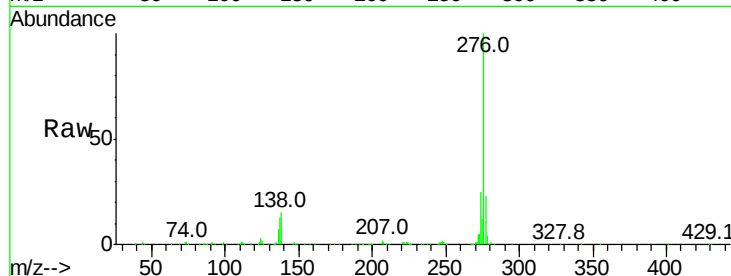




#91
 Benzo(a,h,i)perylene
 Concen: 42.778 ng
 RT: 32.09 min Scan# 4902
 Delta R.T. 0.02 min
 Lab File: BG033636.D
 Acq: 6 Apr 2018 20:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.3	27.5
138	15.3	13.9	20.9



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

