

Data File : BG033406.D
Acq On : 29 Mar 2018 5:05
Operator : SJ/JU
Sample : PB107704BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB107704BS

Quant Time: Mar 29 06:35:48 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 18:34:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.88	152	37539	20.00	ng	0.00
21) Naphthalene-d8	11.76	136	158395	20.00	ng	0.00
38) Acenaphthene-d10	15.49	164	119334	20.00	ng	0.00
63) Phenanthrene-d10	18.22	188	308958	20.00	ng	0.00
75) Chrysene-d12	22.57	240	321223	20.00	ng	0.00
86) Perylene-d12	26.34	264	350510	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	313184	156.44	ng	0.02
7) Phenol-d6	8.00	99	476952	138.66	ng	0.02
23) Nitrobenzene-d5	10.08	82	294354	85.38	ng	0.00
41) 2,4,6-Tribromophenol	16.97	330	246011	137.84	ng	0.00
44) 2-Fluorobiphenyl	14.12	172	724234	87.61	ng	0.00
78) Terphenyl-d14	20.74	244	1288450	85.78	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.93	88	37375	36.76	ng	83
3) Pyridine	4.39	79	100937	35.92	ng	99
4) n-Nitrosodimethylamine	4.30	42	50748	44.00	ng	# 79
6) Aniline	8.17	93	57292	14.16	ng	98
8) 2-Chlorophenol	8.43	128	110746	48.39	ng	98
9) Benzaldehyde	7.98	77	59122	27.05	ng	93
10) Phenol	8.03	94	160224	47.18	ng	87
11) bis(2-Chloroethyl)ether	8.26	93	96891	34.95	ng	97
12) 1,3-Dichlorobenzene	8.76	146	114967	38.42	ng	93
13) 1,4-Dichlorobenzene	8.92	146	115673	38.60	ng	98
14) 1,2-Dichlorobenzene	9.25	146	112763	38.56	ng	96
15) Benzyl Alcohol	9.12	79	122785	45.34	ng	89
16) 2,2'-oxybis(1-Chloropropan	9.40	45	173175	38.32	ng	85
17) 2-Methylphenol	9.32	107	101608	43.92	ng	# 90
18) Hexachloroethane	10.00	117	46489	40.20	ng	89
19) n-Nitroso-di-n-propylamine	9.69	70	97143	38.54	ng	95
20) 3+4-Methylphenols	9.66	107	145507	44.17	ng	92
22) Acetophenone	9.72	105	169657	39.10	ng	# 97
24) Nitrobenzene	10.12	77	144707	39.21	ng	91
25) Isophorone	10.64	82	278515	41.62	ng	99
26) 2-Nitrophenol	10.85	139	63313	45.32	ng	# 91
27) 2,4-Dimethylphenol	10.89	122	115737	57.03	ng	91
28) bis(2-Chloroethoxy)methane	11.12	93	148455	44.47	ng	# 91
29) 2,4-Dichlorophenol	11.40	162	128908	51.65	ng	97
30) 1,2,4-Trichlorobenzene	11.61	180	127011	39.17	ng	97
31) Naphthalene	11.81	128	333772	40.66	ng	98
32) Benzoic acid	11.01	122	10002	5.30	ng	# 73
33) 4-Chloroaniline	11.91	127	47068	12.80	ng	96
34) Hexachlorobutadiene	12.07	225	95724	39.03	ng	96
35) Caprolactam	12.66	113	43427	44.41	ng	94
36) 4-Chloro-3-methylphenol	12.98	107	160594	49.33	ng	97
37) 2-Methylnaphthalene	13.36	142	260095	40.83	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.72	216	171953	39.78	ng	99
40) Hexachlorocyclopentadiene	13.68	237	197782	78.05	ng	93

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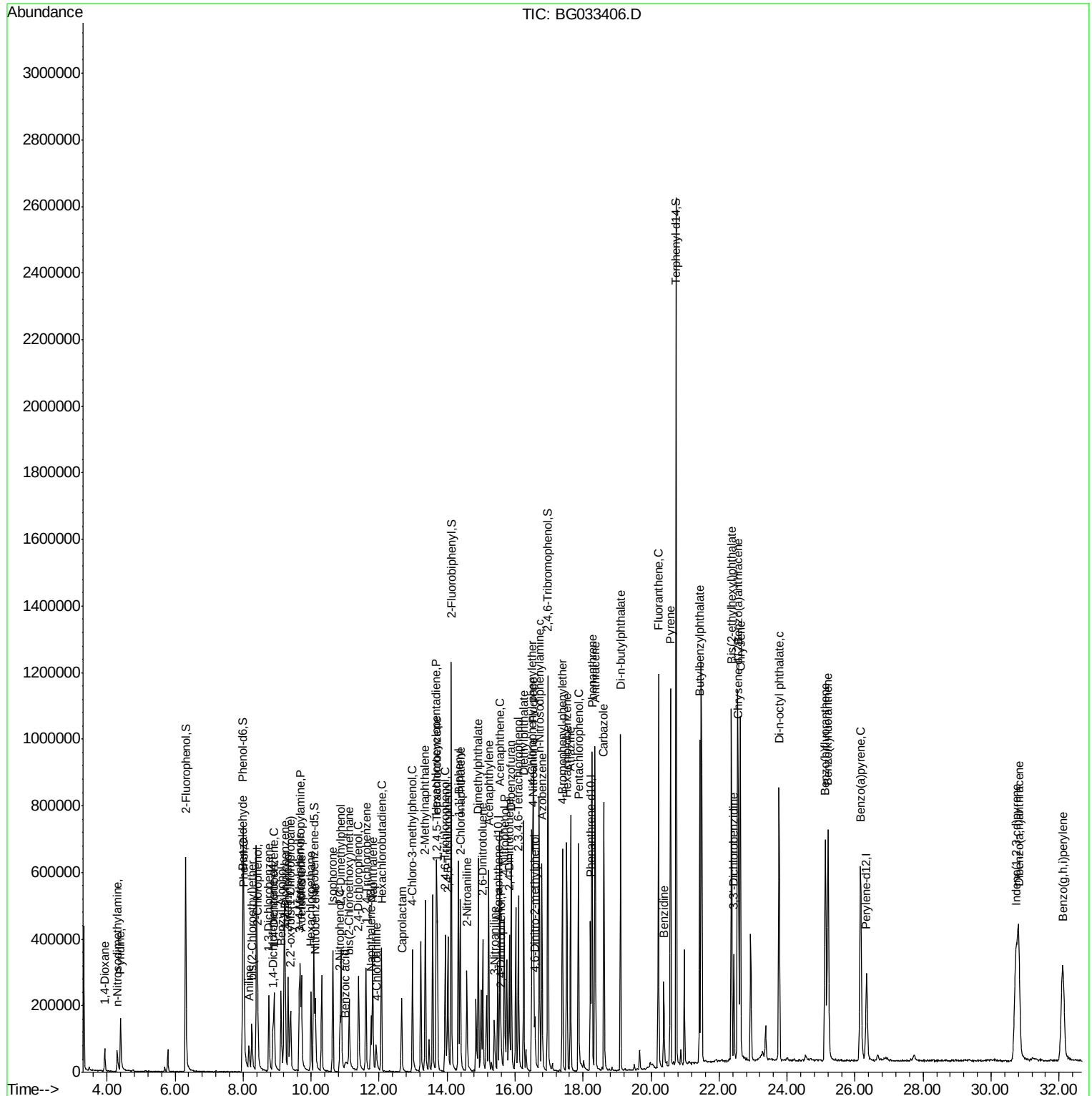
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.95	196	117008	46.59	ng	99
43) 2,4,5-Trichlorophenol	14.02	196	133102	44.84	ng	95
45) 1,1'-Biphenyl	14.33	154	367824	40.12	ng	98
46) 2-Chloronaphthalene	14.39	162	284055	40.18	ng	97
47) 2-Nitroaniline	14.58	65	117634	44.43	ng	96
48) Acenaphthylene	15.22	152	468866	39.74	ng	99
49) Dimethylphthalate	14.92	163	421159	40.55	ng	99
50) 2,6-Dinitrotoluene	15.05	165	88775	41.81	ng	97
51) Acenaphthene	15.56	154	297756	39.14	ng	95
52) 3-Nitroaniline	15.39	138	44606	20.04	ng	# 94
53) 2,4-Dinitrophenol	15.59	184	25205	28.37	ng	90
54) Dibenzofuran	15.89	168	474614	42.24	ng	91
55) 4-Nitrophenol	15.68	139	131856	84.23	ng	93
56) 2,4-Dinitrotoluene	15.83	165	131043	41.91	ng	95
57) Fluorene	16.53	166	395358	41.30	ng	98
58) 2,3,4,6-Tetrachlorophenol	16.10	232	136300	48.77	ng	93
59) Diethylphthalate	16.26	149	417807	41.43	ng	98
60) 4-Chlorophenyl-phenylether	16.50	204	226480	41.16	ng	99
61) 4-Nitroaniline	16.54	138	83641	37.10	ng	# 82
62) Azobenzene	16.79	77	413413	42.32	ng	98
64) 4,6-Dinitro-2-methylphenol	16.58	198	39759	21.51	ng	98
65) n-Nitrosodiphenylamine	16.71	169	370117	41.96	ng	98
66) 4-Bromophenyl-phenylether	17.39	248	153639	42.34	ng	96
67) Hexachlorobenzene	17.52	284	153121	39.99	ng	95
68) Atrazine	17.63	200	153916	43.06	ng	99
69) Pentachlorophenol	17.87	266	165797	63.08	ng	97
70) Phenanthrene	18.26	178	670493	41.67	ng	99
71) Anthracene	18.35	178	695339	42.68	ng	99
72) Carbazole	18.61	167	580786	40.23	ng	98
73) Di-n-butylphthalate	19.11	149	710604	42.29	ng	# 99
74) Fluoranthene	20.22	202	824923	41.43	ng	96
76) Benzidine	20.37	184	169926	19.51	ng	97
77) Pyrene	20.57	202	830041	38.74	ng	99
79) Butylbenzylphthalate	21.43	149	319663	40.43	ng	96
80) Benzo(a)anthracene	22.55	228	832520	40.70	ng	99
81) 3,3'-Dichlorobenzidine	22.43	252	140857	19.35	ng	98
82) Chrysene	22.62	228	792186	40.01	ng	97
83) Bis(2-ethylhexyl)phthalate	22.37	149	454108	41.67	ng	99
84) Di-n-octyl phthalate	23.76	149	782713	46.91	ng	97
85) Indeno(1,2,3-cd)pyrene	30.73	276	955557	44.64	ng	# 58
87) Benzo(b)fluoranthene	25.13	252	842563	41.61	ng	# 96
88) Benzo(k)fluoranthene	25.20	252	827010	40.38	ng	# 97
89) Benzo(a)pyrene	26.16	252	819897	42.16	ng	# 98
90) Dibenzo(a,h)anthracene	30.81	278	791509	43.21	ng	# 96
91) Benzo(g,h,i)perylene	32.10	276	785228	43.29	ng	# 94

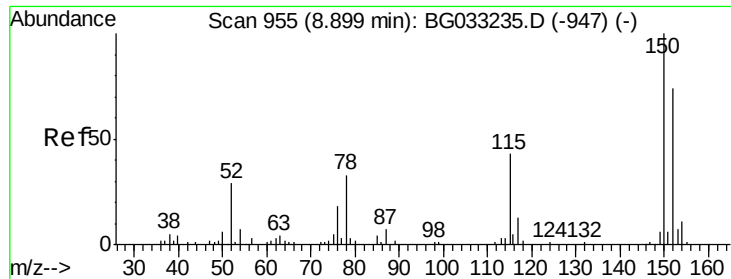
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.88 min Scan# 951

Delta R.T. -0.00 min

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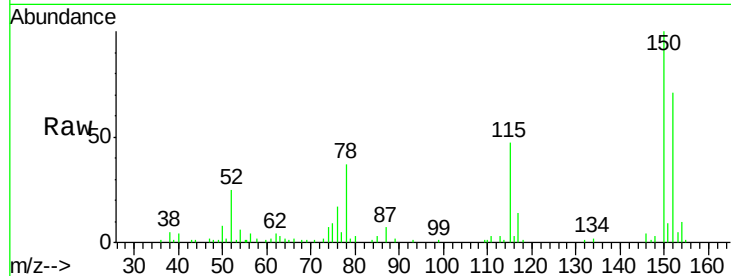
Tgt Ion:152 Resp: 37539

Ion Ratio Lower Upper

152 100

150 141.3 126.6 189.8

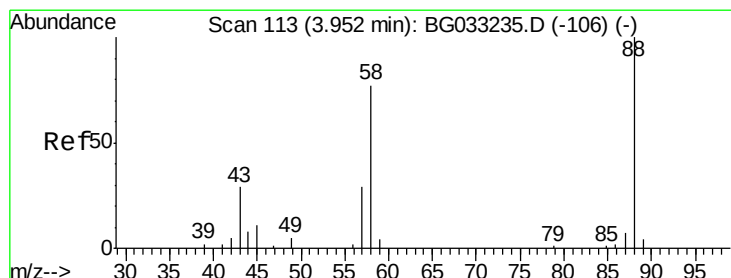
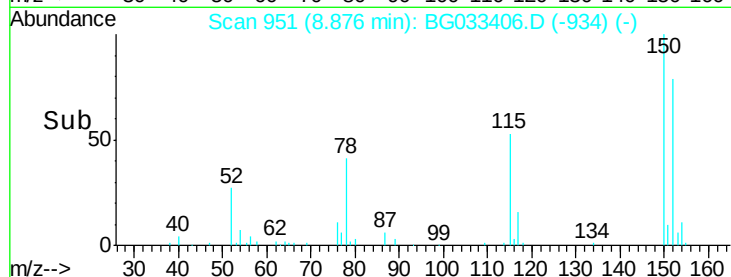
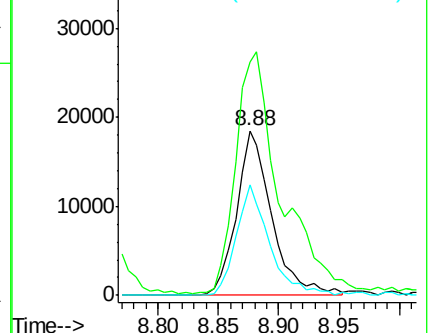
115 67.0 53.0 79.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 36.76 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.00 min

Lab File: BG033406.D

Acq: 29 Mar 2018 5:05

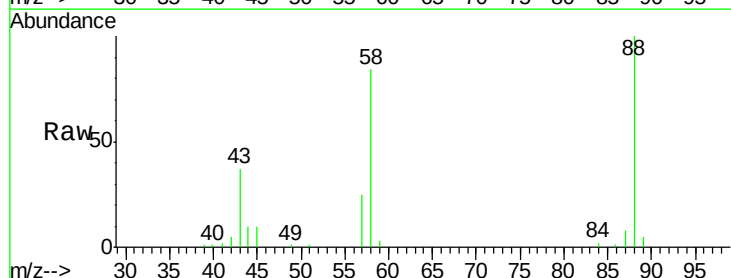
Tgt Ion: 88 Resp: 37375

Ion Ratio Lower Upper

88 100

58 81.2 79.6 119.4

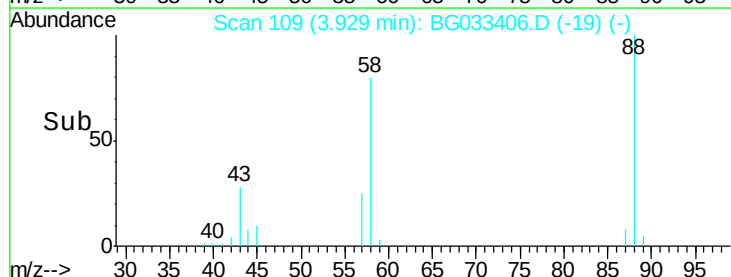
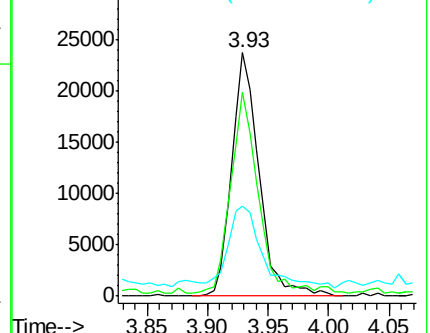
43 40.9 27.4 41.0

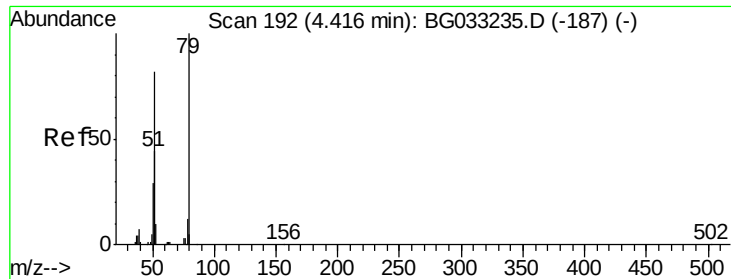


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 35.92 ng

RT: 4.39 min Scan# 188

Delta R.T. -0.00 min

Lab File: BG033406.D

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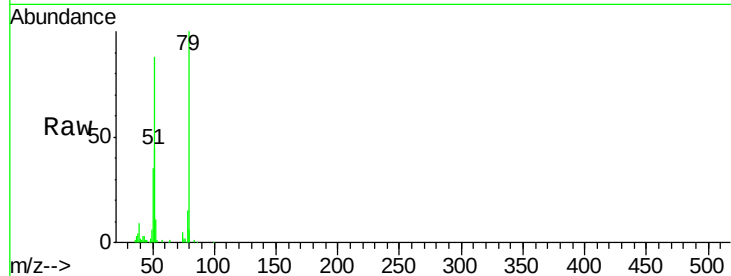
Tgt Ion: 79 Resp: 100937

Ion Ratio Lower Upper

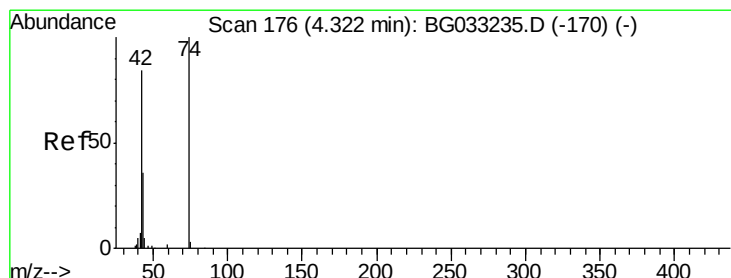
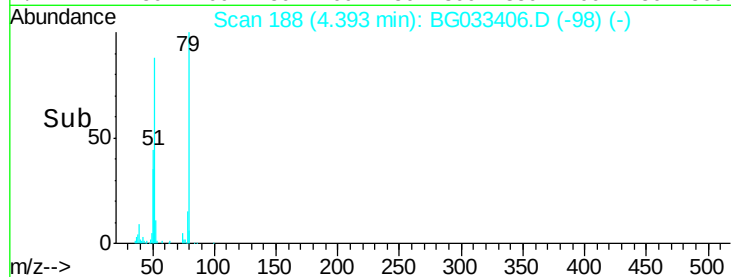
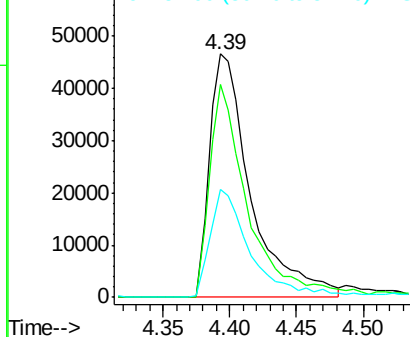
79 100

52 87.6 69.9 104.9

51 44.4 34.0 51.0



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



#4

n-Nitrosodimethylamine

Concen: 44.00 ng

RT: 4.30 min Scan# 172

Delta R.T. -0.01 min

Lab File: BG033406.D

Acq: 29 Mar 2018 5:05

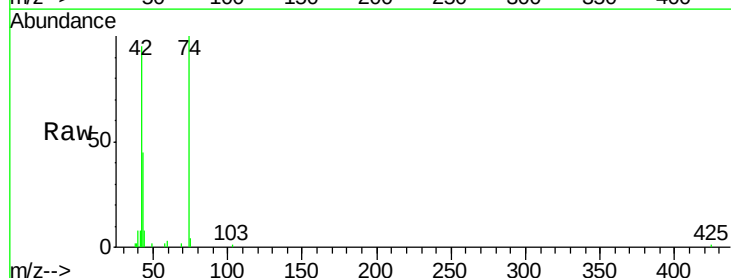
Tgt Ion: 42 Resp: 50748

Ion Ratio Lower Upper

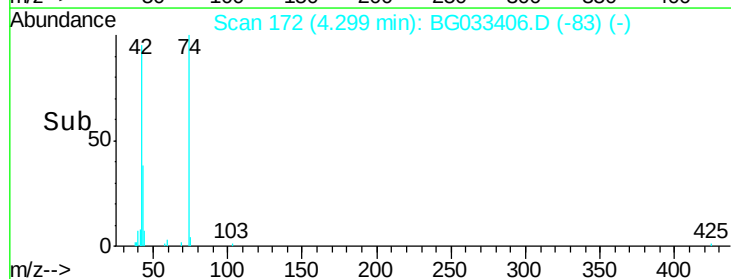
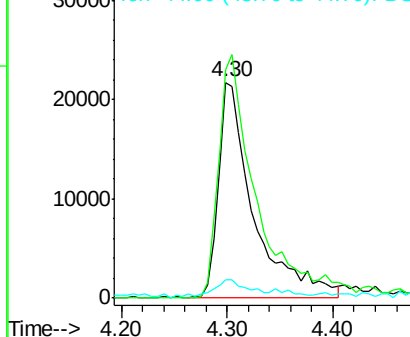
42 100

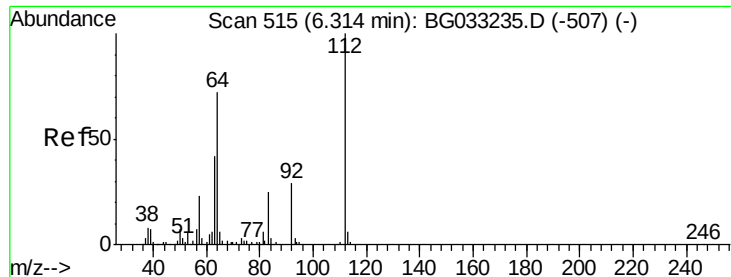
74 105.8 102.5 153.7

44 8.7 18.9 28.3#



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





#5

2-Fluorophenol

Concen: 156.44 ng

RT: 6.31 min Scan# 515

Delta R.T. 0.02 min

Lab File: BG033406.D

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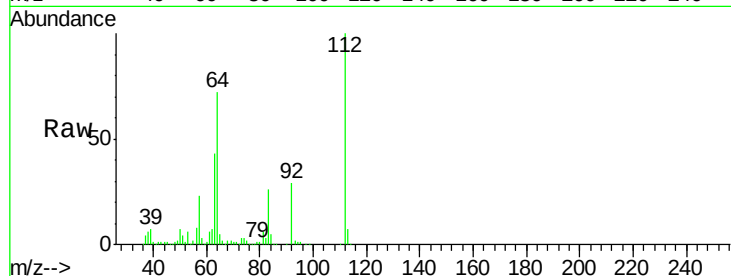
Tgt Ion:112 Resp: 313184

Ion Ratio Lower Upper

112 100

64 71.8 56.3 84.5

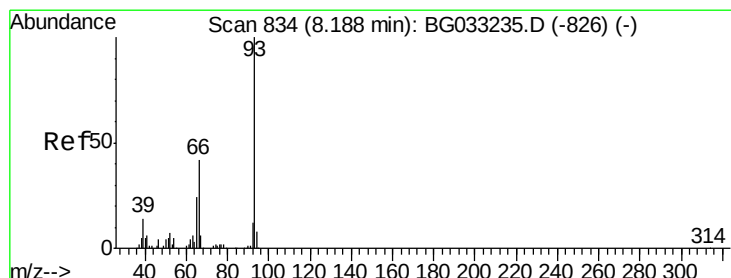
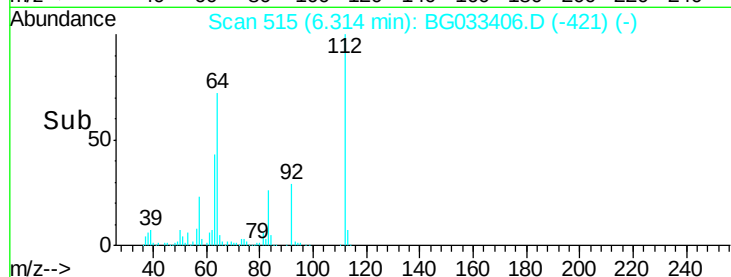
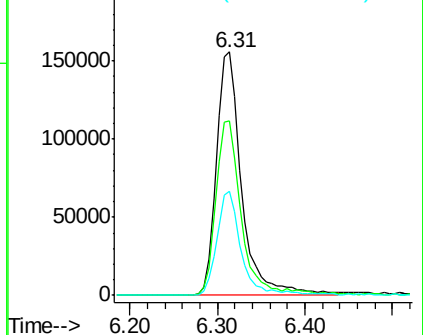
63 42.7 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 14.16 ng

RT: 8.17 min Scan# 831

Delta R.T. 0.00 min

Lab File: BG033406.D

Acq: 29 Mar 2018 5:05

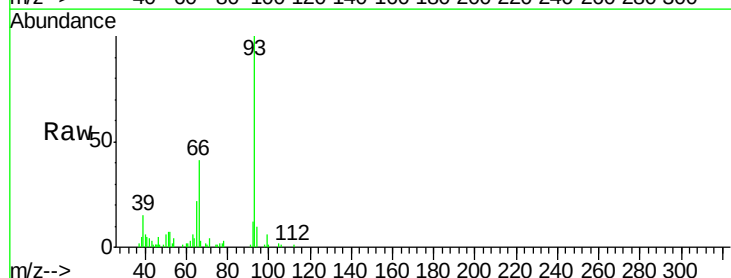
Tgt Ion: 93 Resp: 57292

Ion Ratio Lower Upper

93 100

66 41.4 33.7 50.5

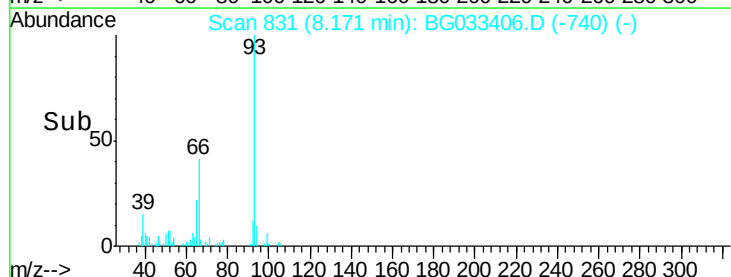
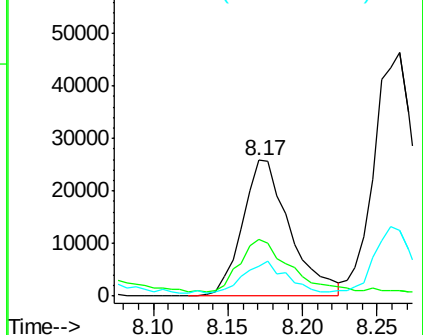
65 21.7 16.1 24.1

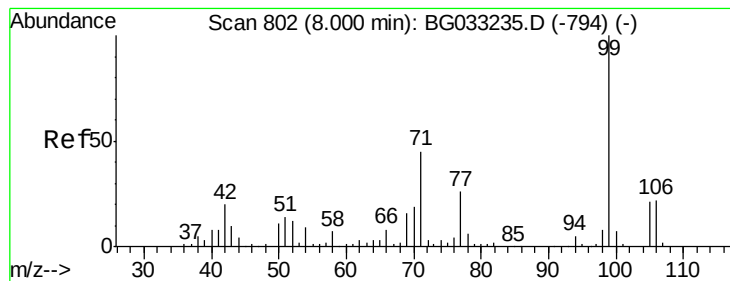


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 138.66 ng

RT: 8.00 min Scan# 802

Delta R.T. 0.02 min

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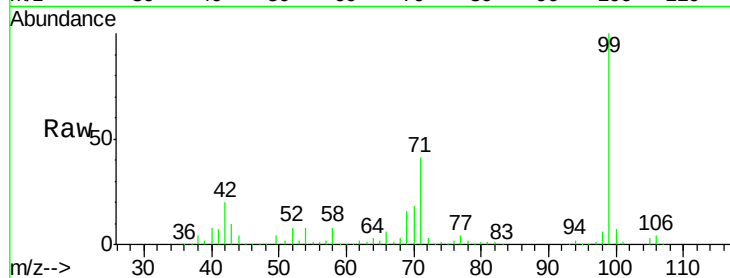
Tgt Ion: 99 Resp: 476952

Ion Ratio Lower Upper

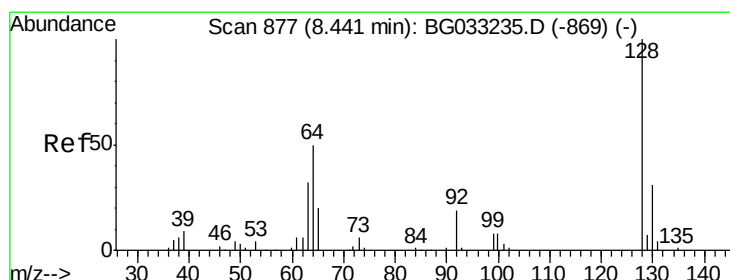
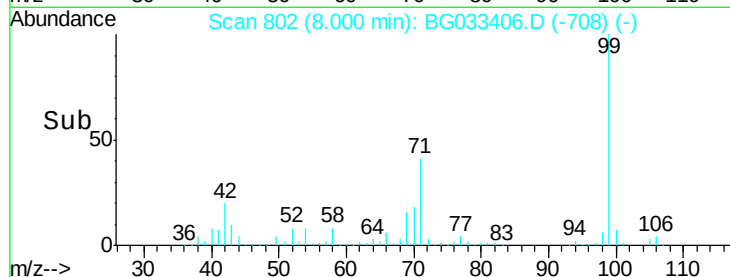
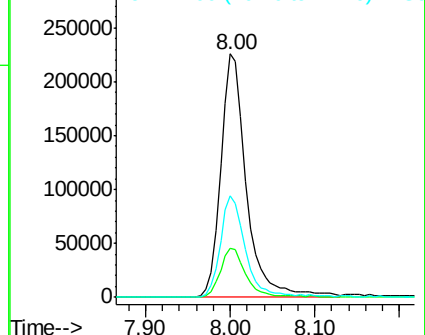
99 100

42 20.3 14.1 21.1

71 41.5 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: 48.39 ng

RT: 8.43 min Scan# 875

Delta R.T. 0.01 min

Lab File: BG033406.D

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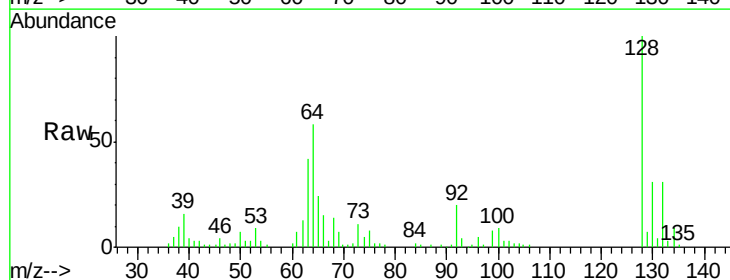
Tgt Ion: 128 Resp: 110746

Ion Ratio Lower Upper

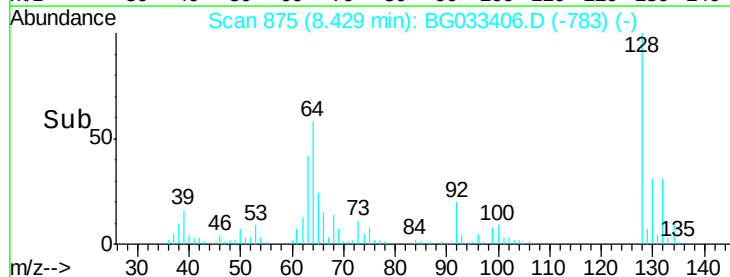
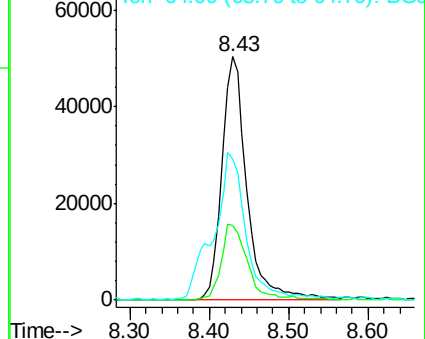
128 100

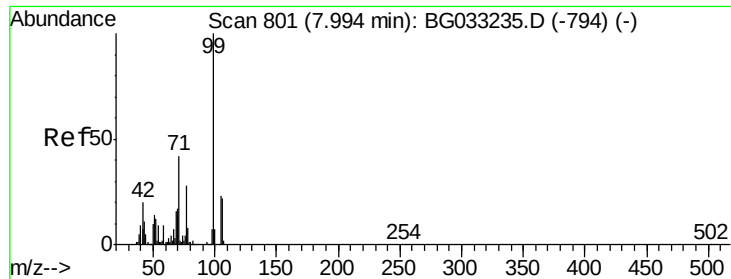
130 30.7 14.0 54.0

64 58.0 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: 27.05 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

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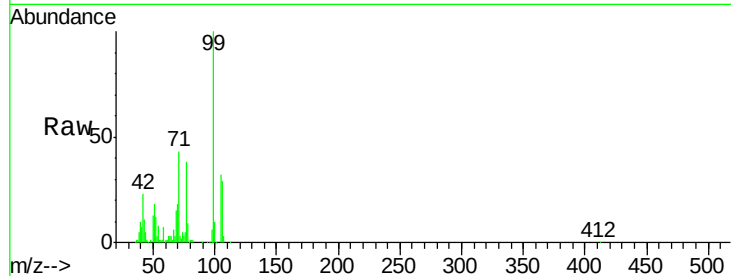
Tgt Ion: 77 Resp: 59122

Ion Ratio Lower Upper

77 100

105 85.6 71.3 111.3

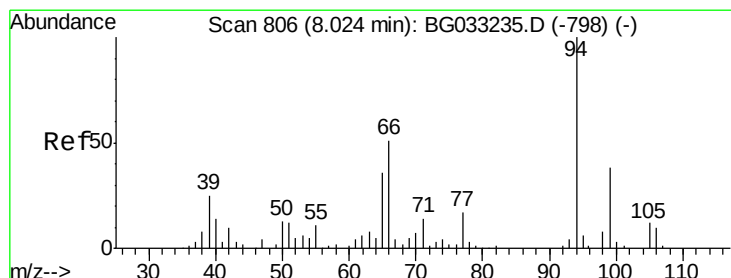
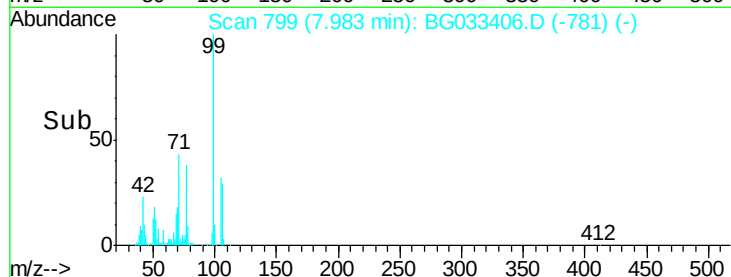
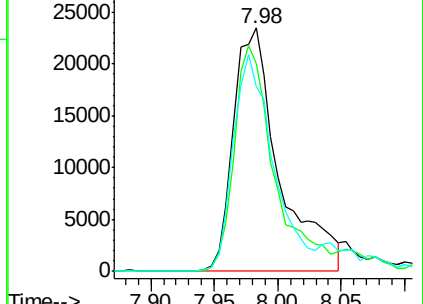
106 76.0 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 47.18 ng

RT: 8.03 min Scan# 807

Delta R.T. 0.02 min

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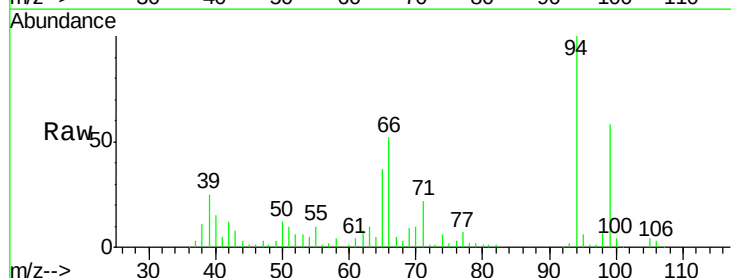
Tgt Ion: 94 Resp: 160224

Ion Ratio Lower Upper

94 100

65 37.4 11.9 51.9

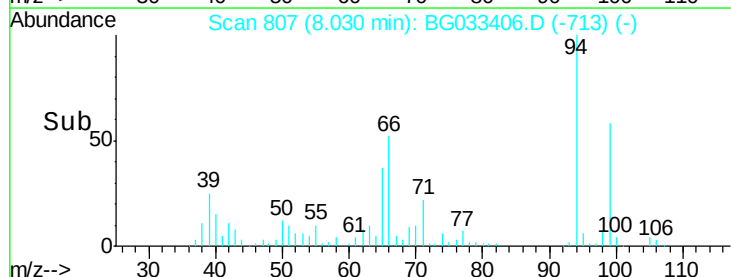
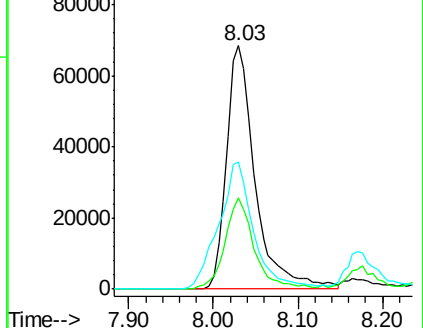
66 52.2 22.2 62.2

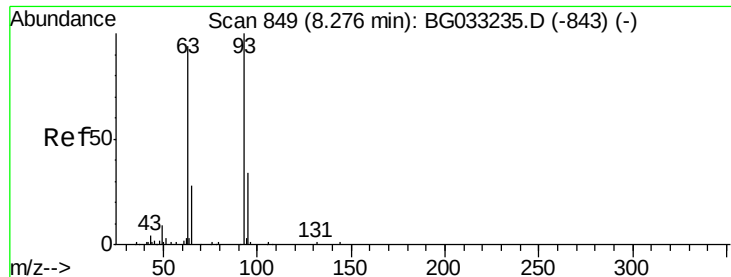


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 34.95 ng

RT: 8.26 min Scan# 847

Delta R.T. 0.01 min

Lab File: BG033406.D

Acq: 29 Mar 2018 5:05

Instrument :

BNA_G

ClientSampleId :

PB107704BS

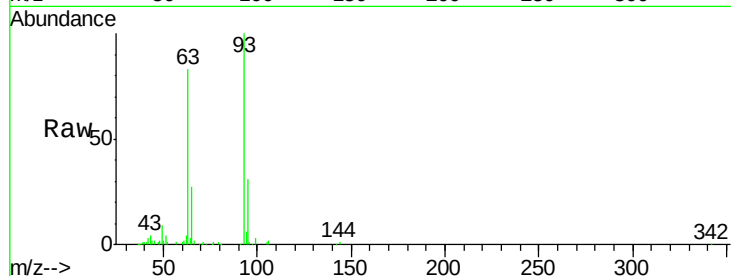
Tgt Ion: 93 Resp: 96891

Ion Ratio Lower Upper

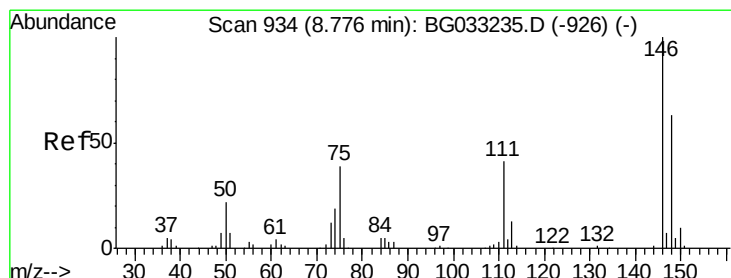
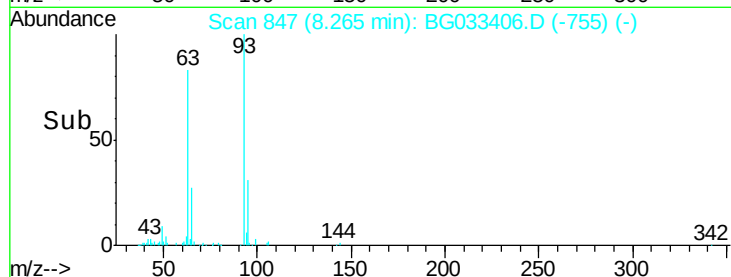
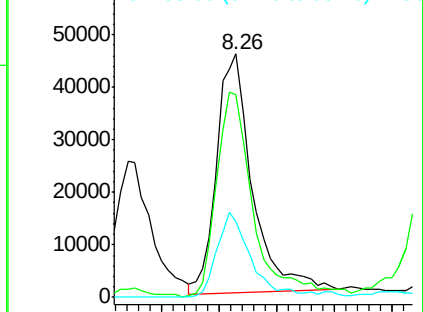
93 100

63 83.3 67.1 107.1

95 31.2 11.5 51.5



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



#12

1,3-Dichlorobenzene

Concen: 38.42 ng

RT: 8.76 min Scan# 931

Delta R.T. 0.00 min

Lab File: BG033406.D

Acq: 29 Mar 2018 5:05

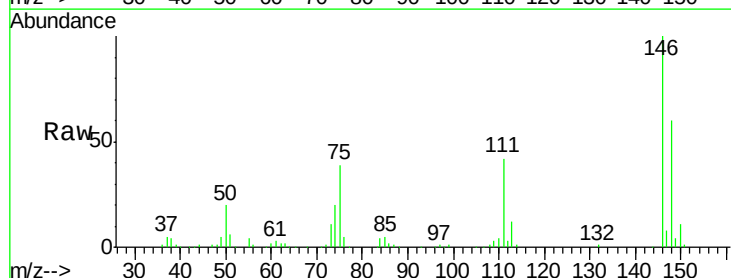
Tgt Ion: 146 Resp: 114967

Ion Ratio Lower Upper

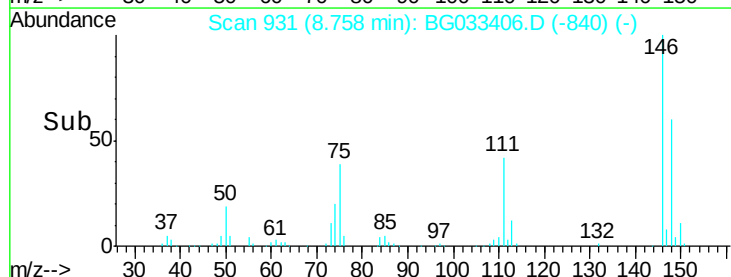
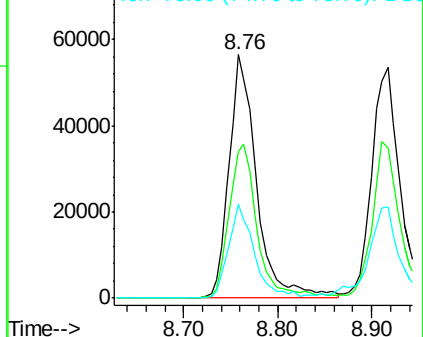
146 100

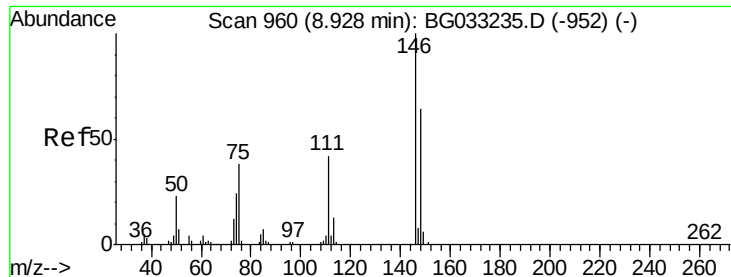
148 60.2 51.4 77.2

75 38.5 26.6 39.8



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





#13

1,4-Dichlorobenzene

Concen: 38.60 ng

RT: 8.92 min Scan# 958

Delta R.T. 0.00 min

Lab File: BG033406.D

Acq: 29 Mar 2018 5:05

Instrument :

BNA_G

ClientSampleId :

PB107704BS

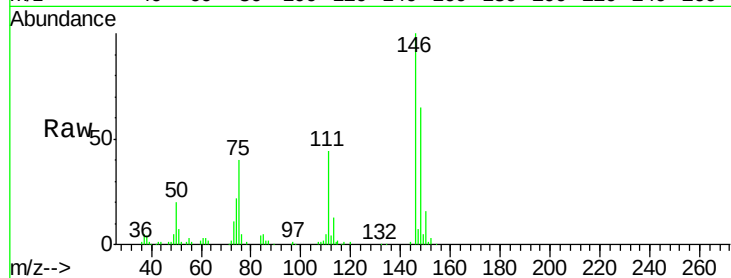
Tgt Ion:146 Resp: 115673

Ion Ratio Lower Upper

146 100

148 65.2 53.7 80.5

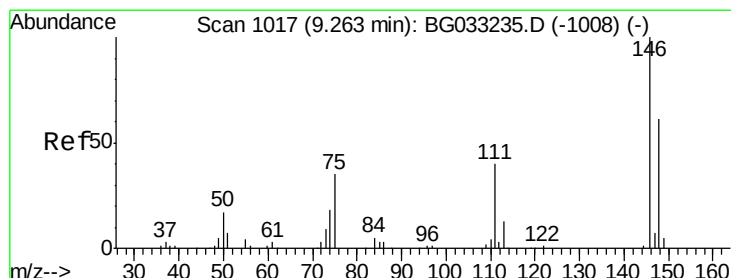
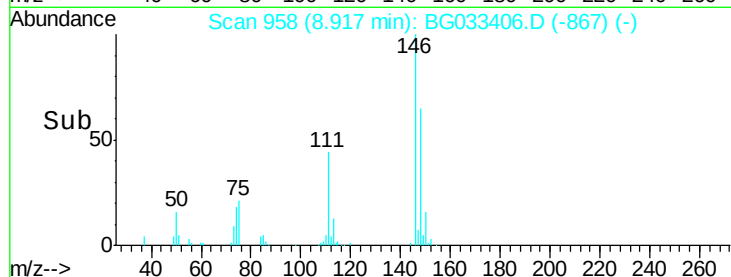
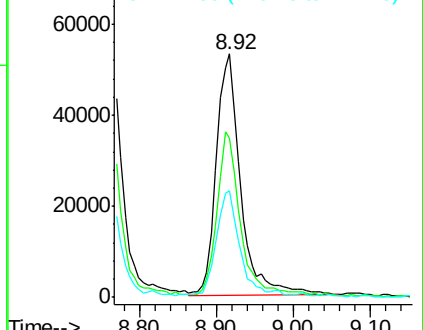
111 43.8 35.2 52.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.56 ng

RT: 9.25 min Scan# 1014

Delta R.T. 0.01 min

Lab File: BG033406.D

Acq: 29 Mar 2018 5:05

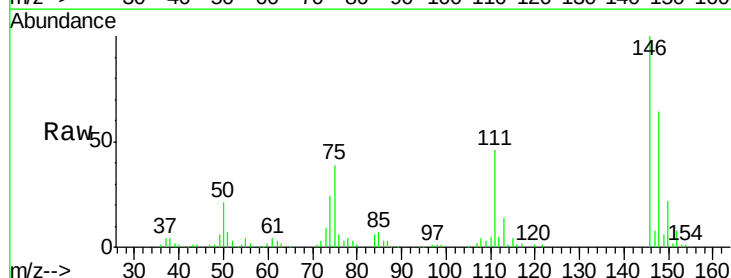
Tgt Ion:146 Resp: 112763

Ion Ratio Lower Upper

146 100

148 64.0 49.3 73.9

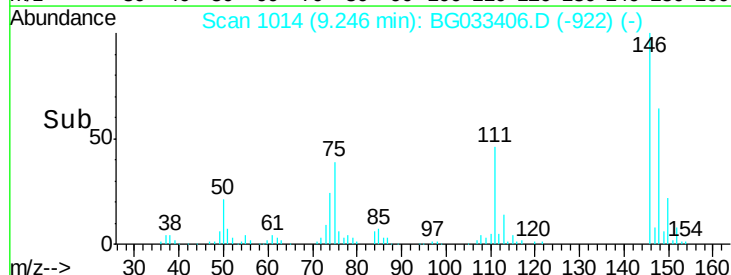
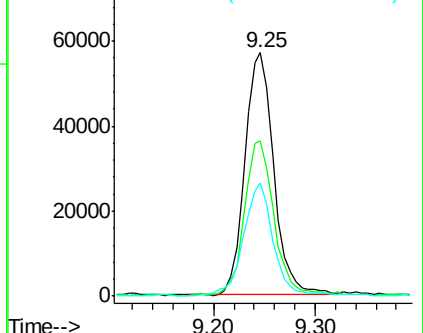
111 46.3 34.3 51.5

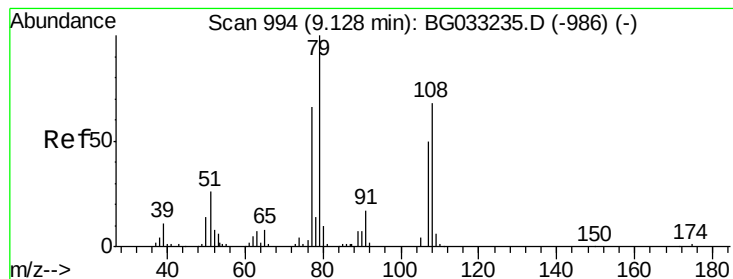


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.34 ng

RT: 9.12 min Scan# 992

Delta R.T. 0.01 min

Lab File: BG033406.D

Acq: 29 Mar 2018 5:05

Instrument :

BNA_G

ClientSampleId :

PB107704BS

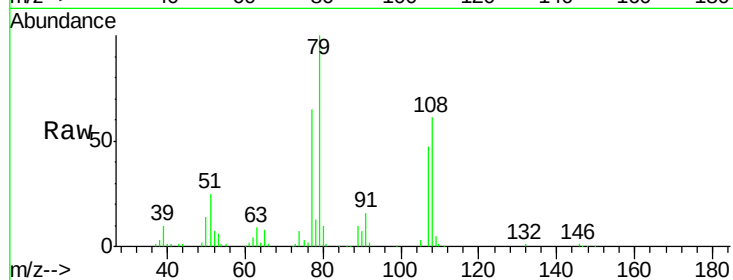
Tgt Ion: 79 Resp: 122785

Ion Ratio Lower Upper

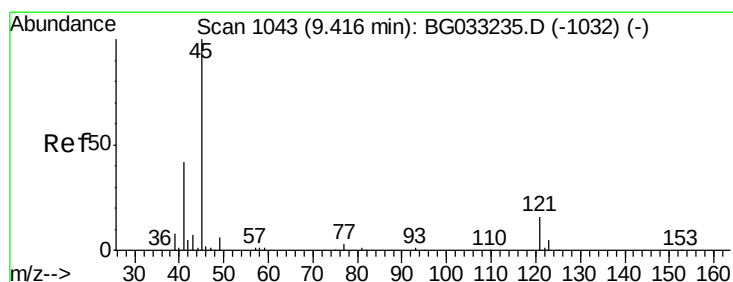
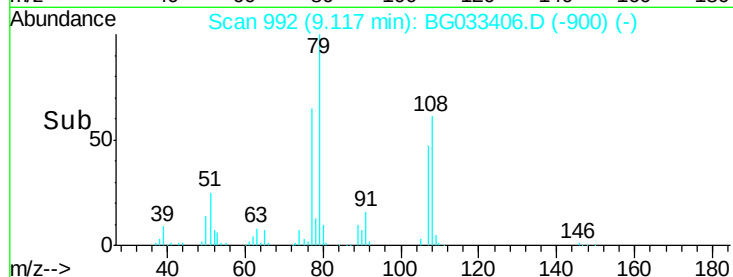
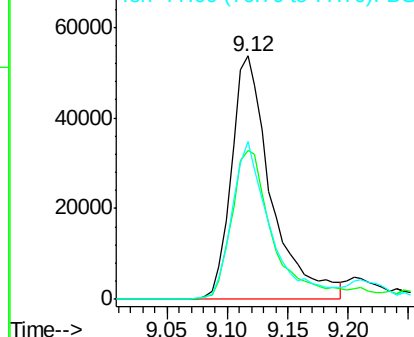
79 100

108 61.2 57.2 85.8

77 64.9 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: 38.32 ng

RT: 9.40 min Scan# 1040

Delta R.T. 0.01 min

Lab File: BG033406.D

Acq: 29 Mar 2018 5:05

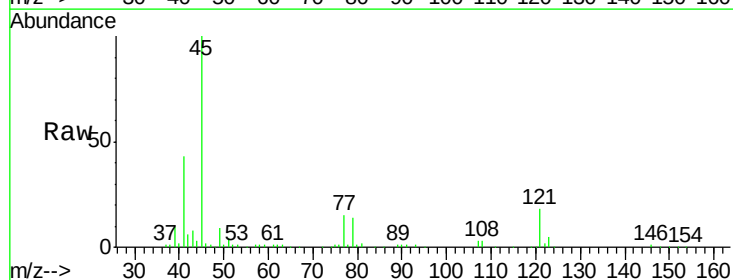
Tgt Ion: 45 Resp: 173175

Ion Ratio Lower Upper

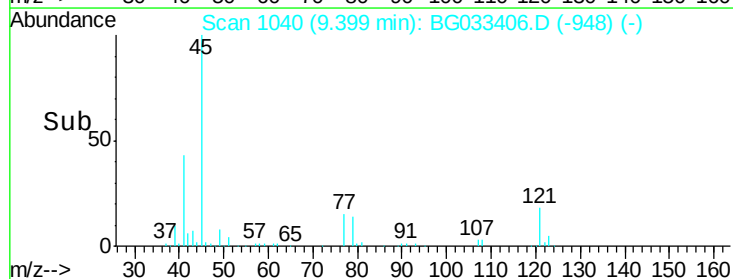
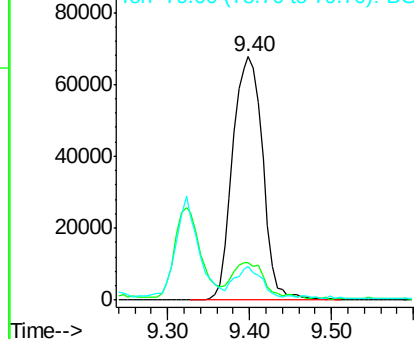
45 100

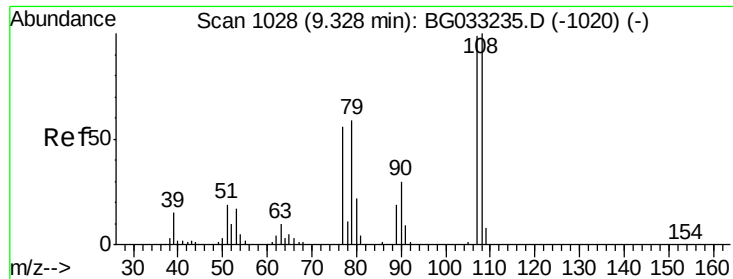
77 15.2 0.0 30.2

79 14.0 0.0 27.9



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

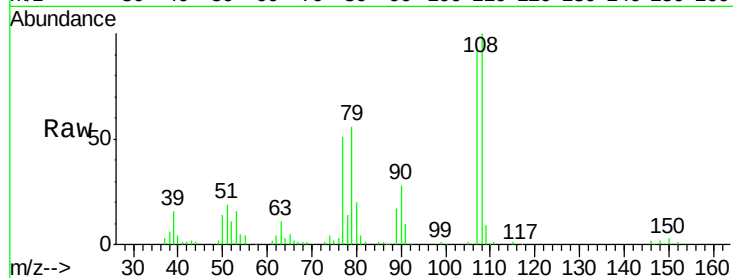




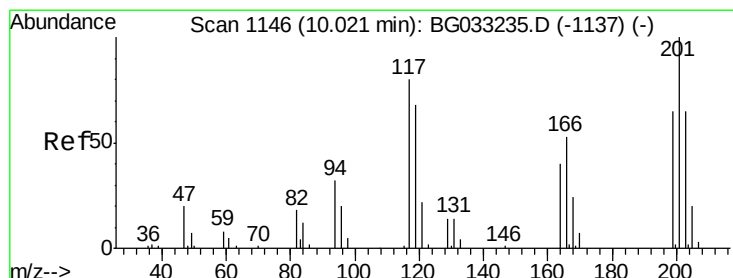
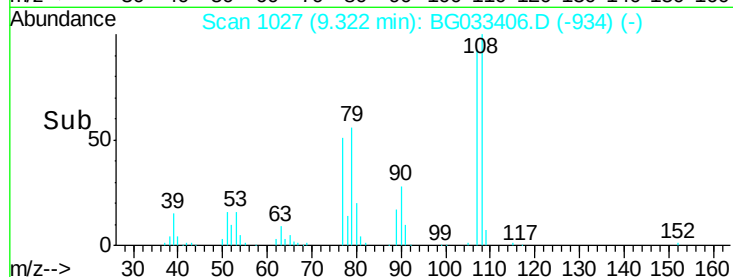
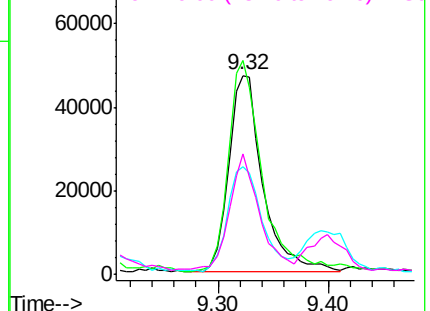
#17
 2-Methylphenol
 Concen: 43.92 ng
 RT: 9.32 min Scan# 1027
 Delta R.T. 0.02 min
 Lab File: BG033406.D
 Acq: 29 Mar 2018 5:05

Instrument :
 BNA_G
 ClientSampleId :
 PB107704BS

Tgt Ion:	107	Resp:	101608
Ion	Ratio	Lower	Upper
107	100		
108	107.5	83.9	125.9
77	54.4	37.2	55.8
79	60.5	36.2	54.2#

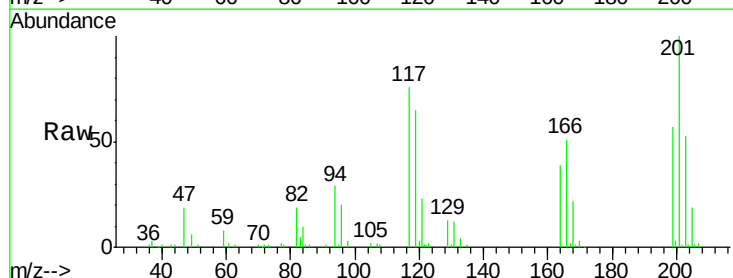


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BG
 Ion 79.00 (78.70 to 79.70): BG

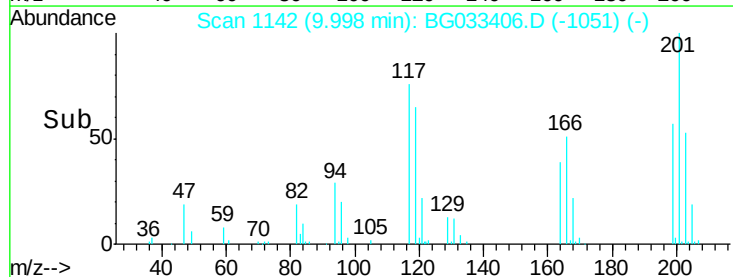
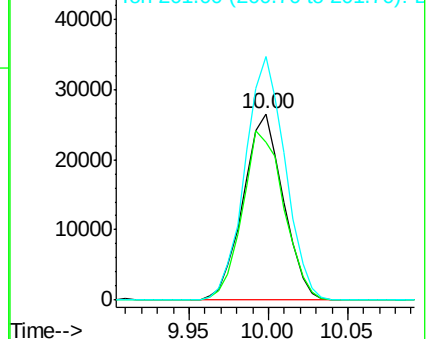


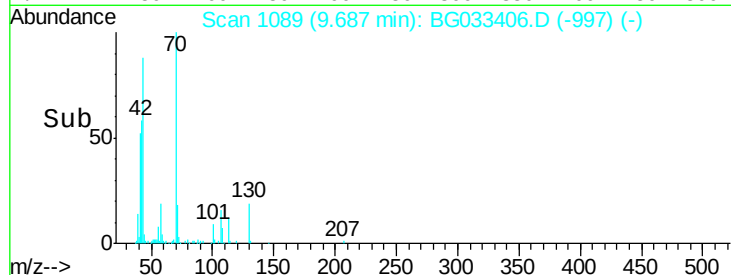
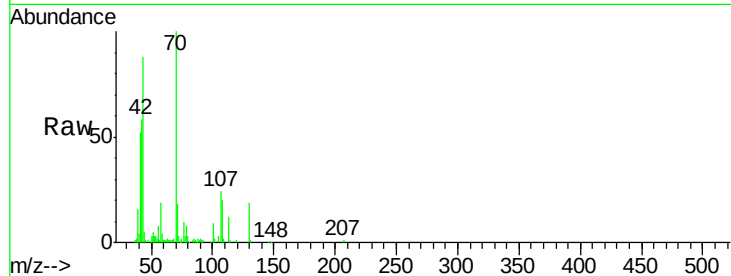
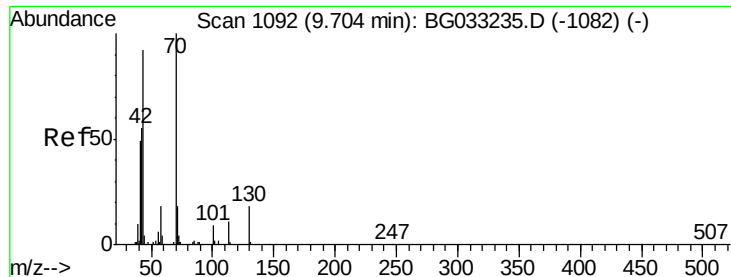
#18
 Hexachloroethane
 Concen: 40.20 ng
 RT: 10.00 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: BG033406.D
 Acq: 29 Mar 2018 5:05

Tgt Ion:	117	Resp:	46489
Ion	Ratio	Lower	Upper
117	100		
119	85.0	76.7	115.1
201	130.9	95.7	143.5



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

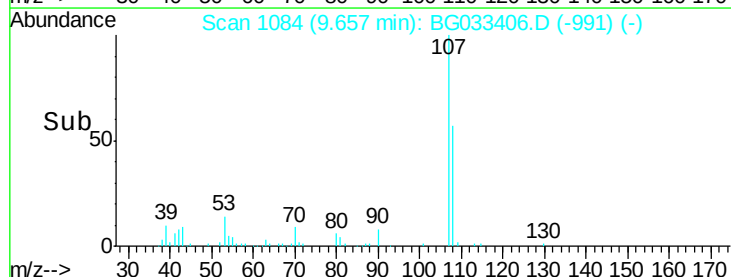
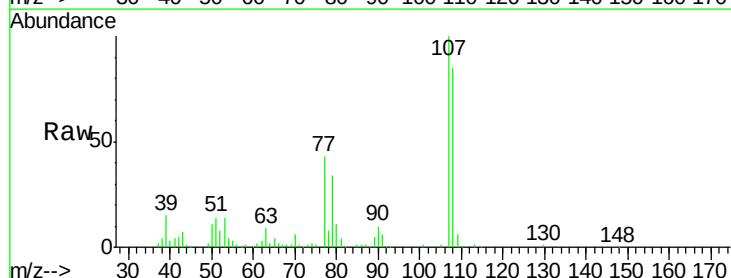
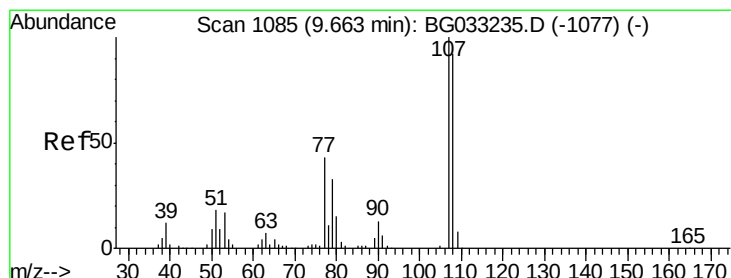
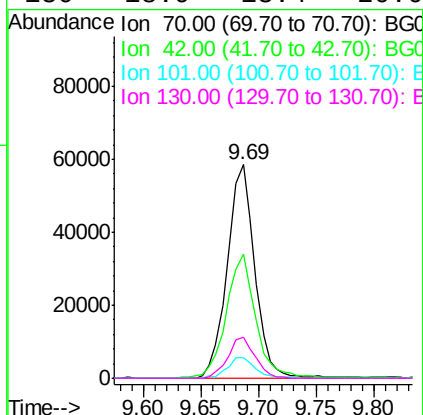




#19
n-Nitroso-di-n-propylamine
Concen: 38.54 ng
RT: 9.69 min Scan# 1089
Delta R.T. 0.01 min
Lab File: BG033406.D
Acq: 29 Mar 2018 5:05

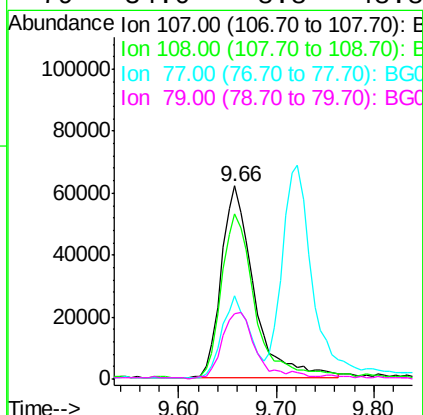
Instrument :
BNA_G
ClientSampleId :
PB107704BS

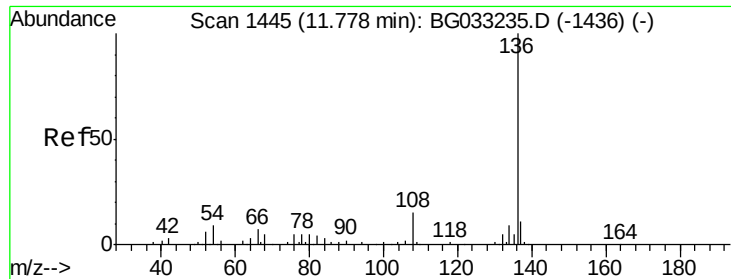
Tgt Ion:	70	Resp:	97143
Ion	Ratio	Lower	Upper
70	100		
42	57.9	49.1	73.7
101	9.5	8.5	12.7
130	18.9	13.4	20.0



#20
3+4-Methylphenols
Concen: 44.17 ng
RT: 9.66 min Scan# 1084
Delta R.T. 0.02 min
Lab File: BG033406.D
Acq: 29 Mar 2018 5:05

Tgt Ion:	107	Resp:	145507
Ion	Ratio	Lower	Upper
107	100		
108	85.4	61.6	101.6
77	43.2	13.9	53.9
79	34.0	8.8	48.8

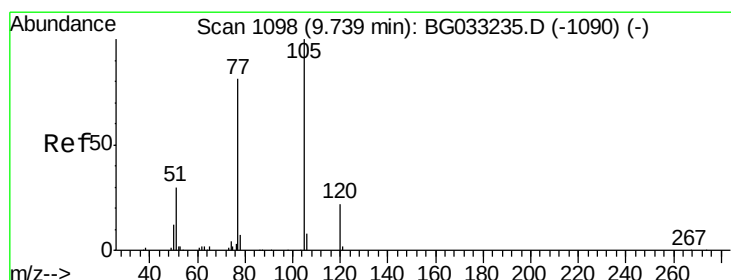
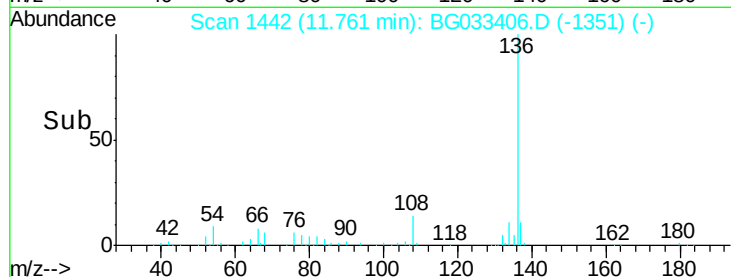
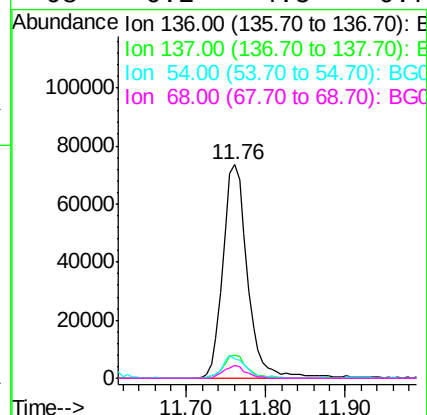
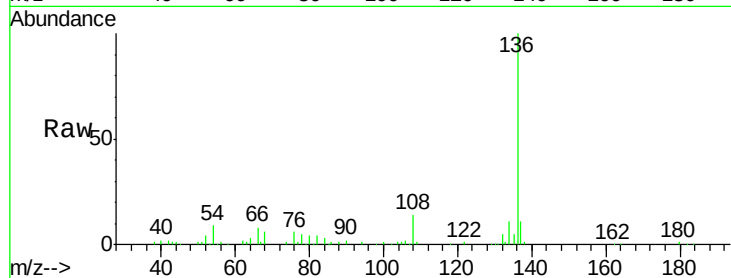




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.76 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BG033406.D
Acq: 29 Mar 2018 5:05

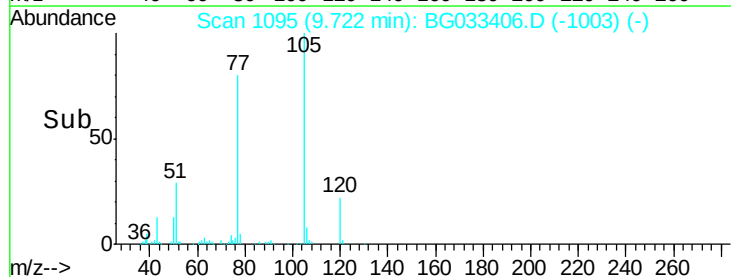
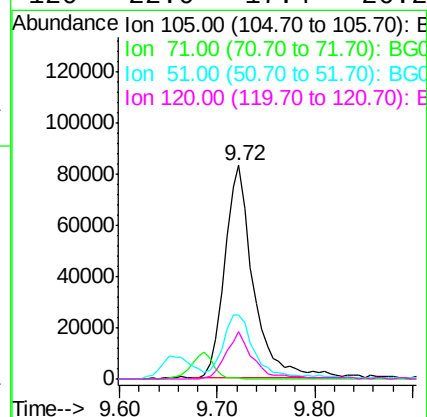
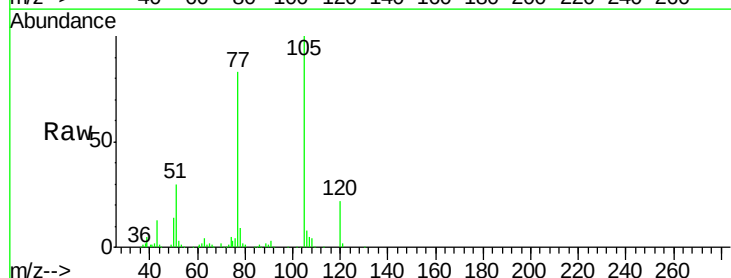
Instrument :
BNA_G
ClientSampleId :
PB107704BS

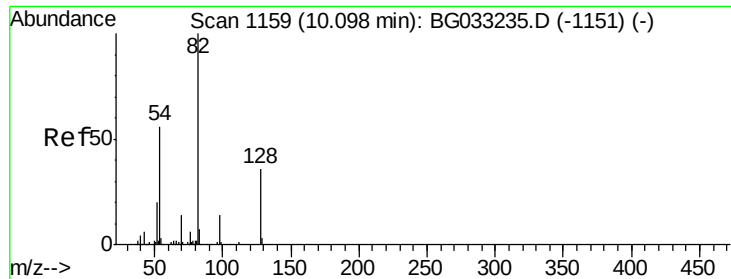
Tgt Ion:	136	Resp:	158395
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	8.8	10.3	15.5#
68	6.2	4.5	6.7



#22
Acetophenone
Concen: 39.10 ng
RT: 9.72 min Scan# 1095
Delta R.T. 0.01 min
Lab File: BG033406.D
Acq: 29 Mar 2018 5:05

Tgt Ion:	105	Resp:	169657
Ion	Ratio	Lower	Upper
105	100		
71	0.4	3.0	4.4#
51	30.2	26.1	39.1
120	22.0	17.4	26.2





#23

Nitrobenzene-d5

Concen: 85.38 ng

RT: 10.08 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BG033406.D

Acq: 29 Mar 2018 5:05

Instrument :

BNA_G

ClientSampleId :

PB107704BS

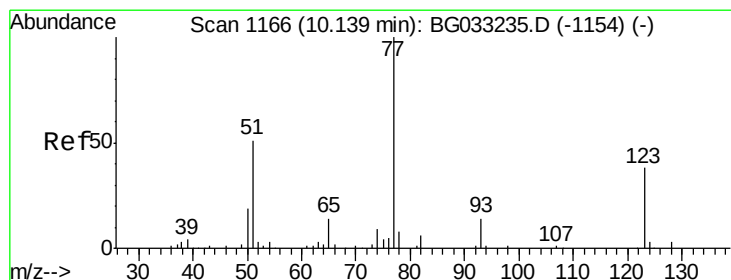
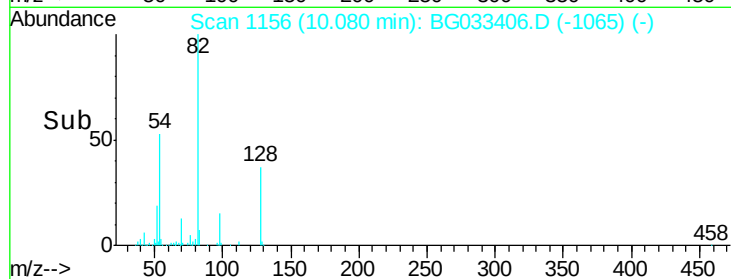
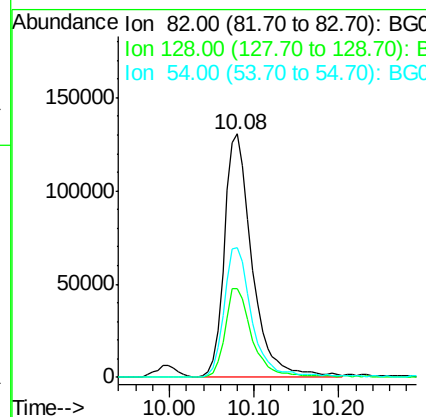
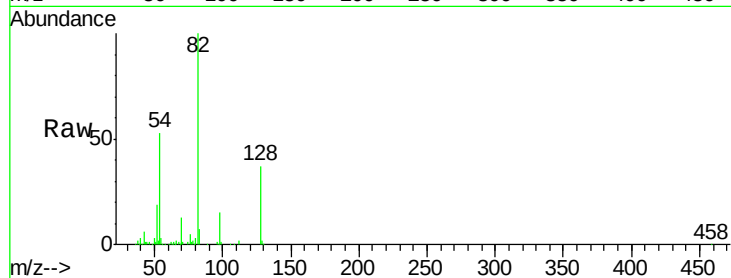
Tgt Ion: 82 Resp: 294354

Ion Ratio Lower Upper

82 100

128 36.6 29.7 44.5

54 53.2 43.1 64.7



#24

Nitrobenzene

Concen: 39.21 ng

RT: 10.12 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BG033406.D

Acq: 29 Mar 2018 5:05

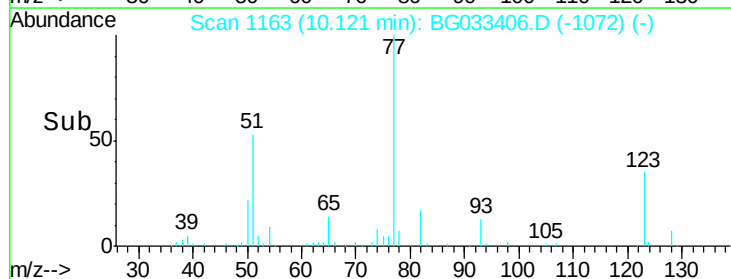
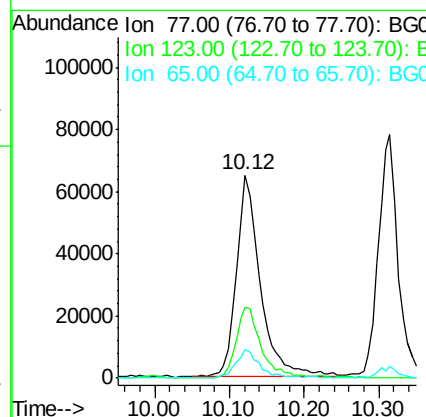
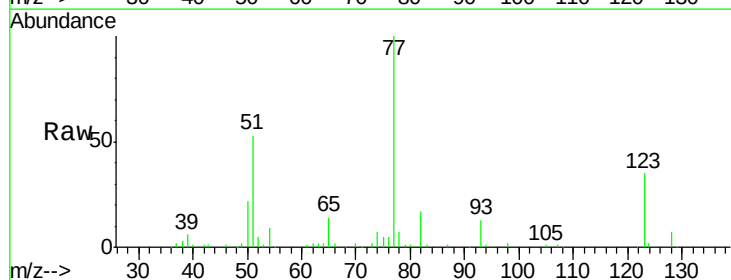
Tgt Ion: 77 Resp: 144707

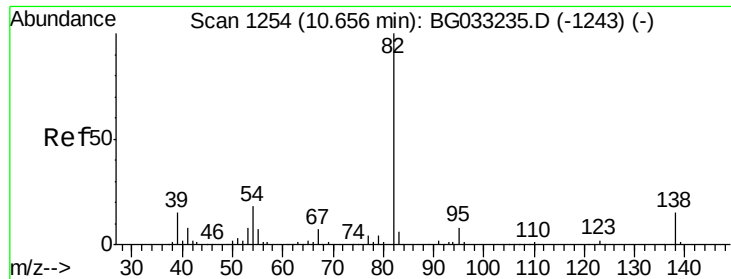
Ion Ratio Lower Upper

77 100

123 34.6 33.0 49.6

65 13.8 13.0 19.6





#25

Isophorone

Concen: 41.62 ng

RT: 10.64 min Scan# 1251

Delta R.T. 0.00 min

Lab File: BG033406.D

Acq: 29 Mar 2018 5:05

Instrument :

BNA_G

ClientSampleId :

PB107704BS

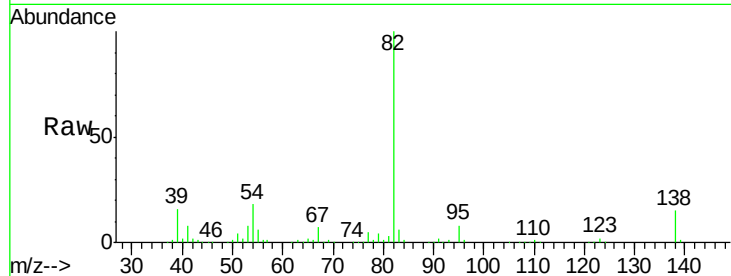
Tgt Ion: 82 Resp: 278515

Ion Ratio Lower Upper

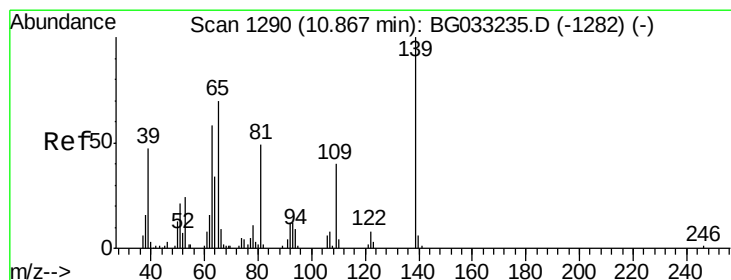
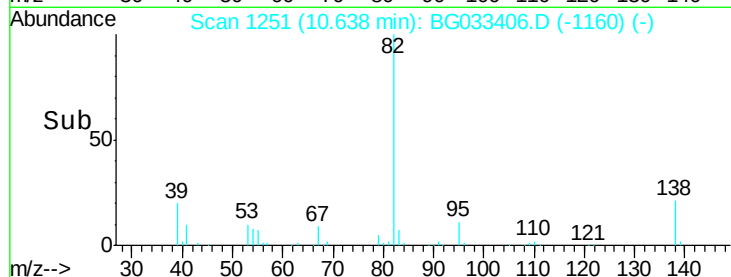
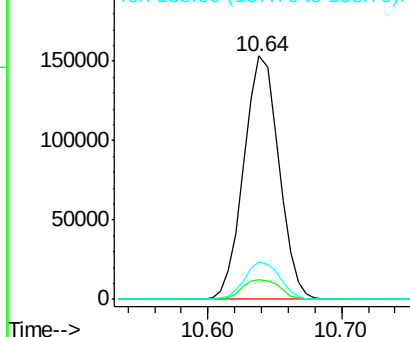
82 100

95 8.1 6.2 9.2

138 15.4 12.1 18.1



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



#26

2-Nitrophenol

Concen: 45.32 ng

RT: 10.85 min Scan# 1287

Delta R.T. 0.01 min

Lab File: BG033406.D

Acq: 29 Mar 2018 5:05

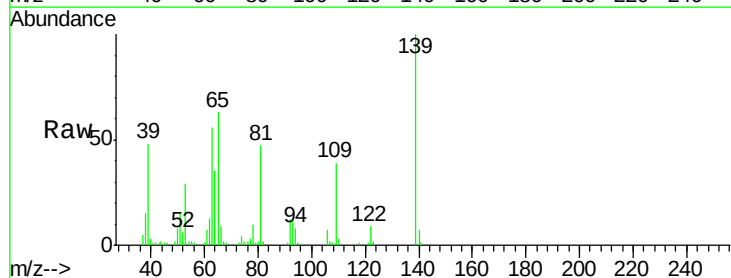
Tgt Ion: 139 Resp: 63313

Ion Ratio Lower Upper

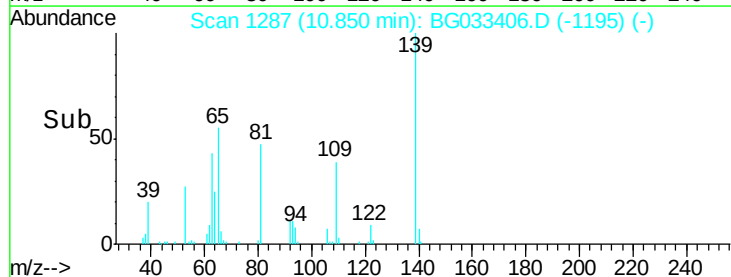
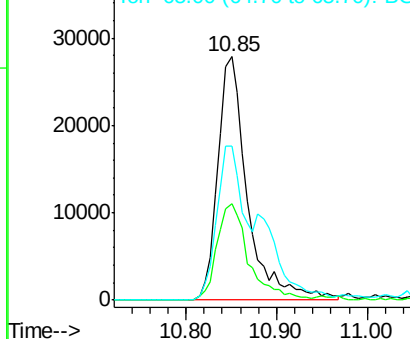
139 100

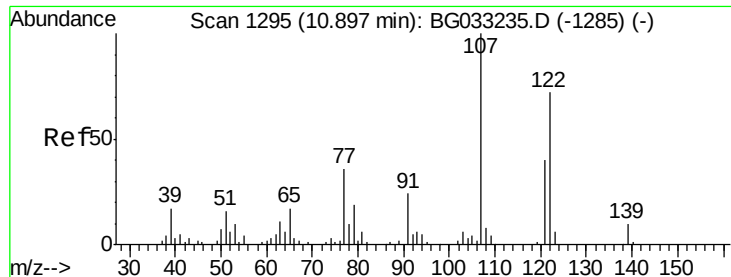
109 39.5 24.2 36.2#

65 63.1 47.4 71.0



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

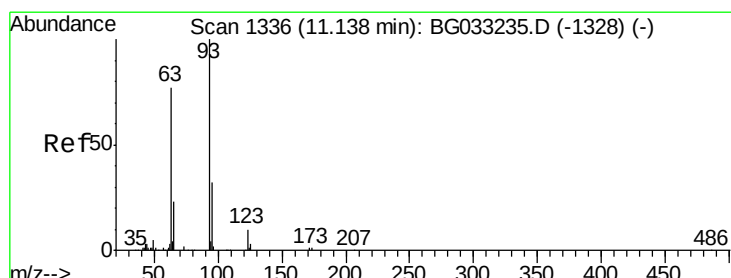
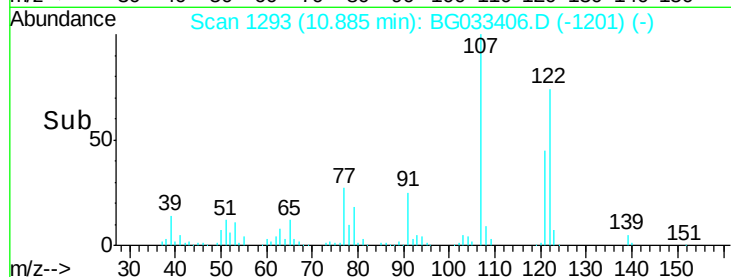
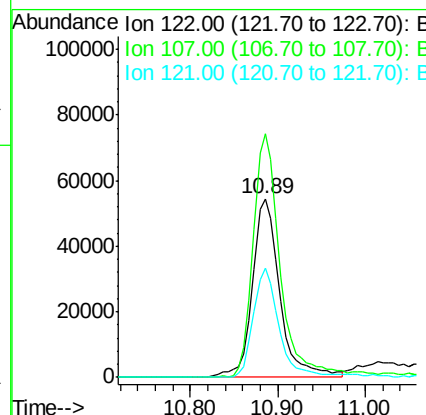
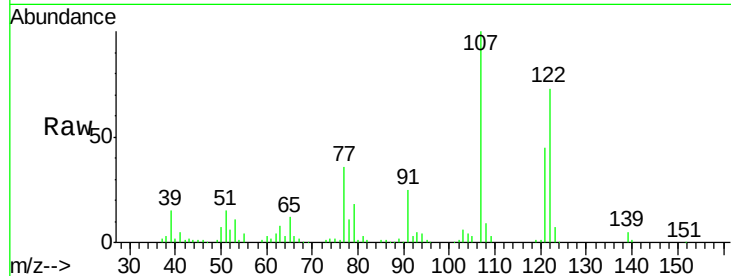




#27
 2,4-Dimethylphenol
 Concen: 57.03 ng
 RT: 10.89 min Scan# 1293
 Delta R.T. 0.01 min
 Lab File: BG033406.D
 Acq: 29 Mar 2018 5:05

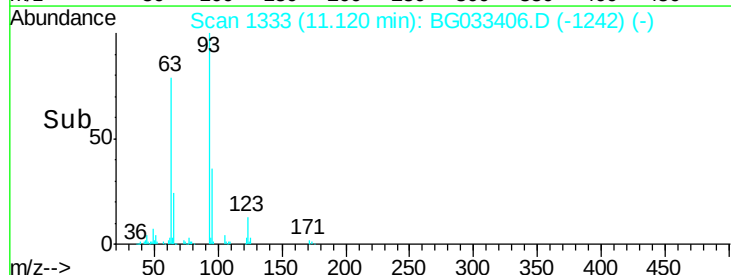
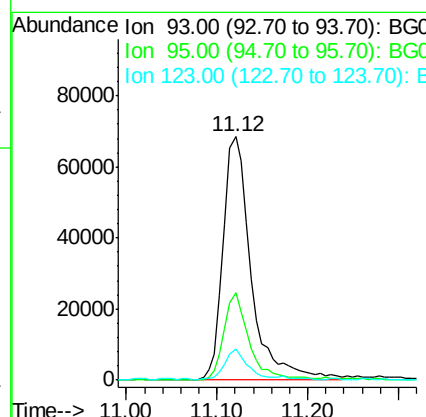
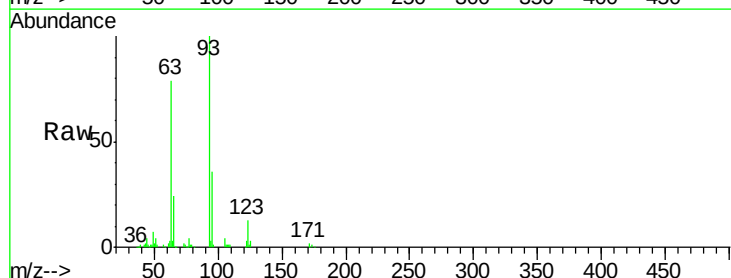
Instrument :
 BNA_G
 ClientSampleId :
 PB107704BS

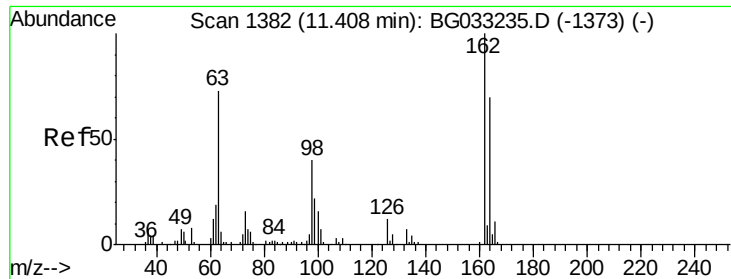
Tgt Ion: 122 Resp: 115737
 Ion Ratio Lower Upper
 122 100
 107 136.2 100.2 150.2
 121 61.2 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.47 ng
 RT: 11.12 min Scan# 1333
 Delta R.T. 0.00 min
 Lab File: BG033406.D
 Acq: 29 Mar 2018 5:05

Tgt Ion: 93 Resp: 148455
 Ion Ratio Lower Upper
 93 100
 95 35.7 24.3 36.5
 123 12.9 8.4 12.6#

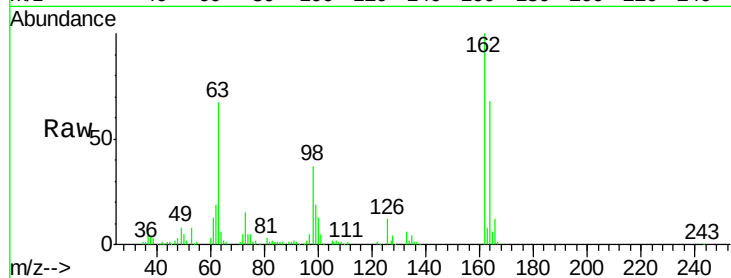




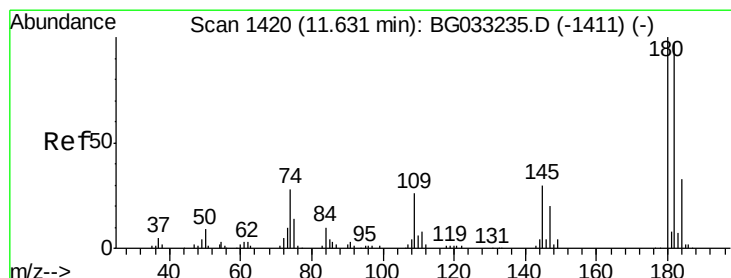
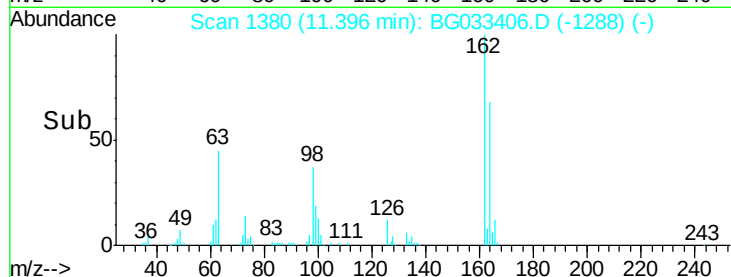
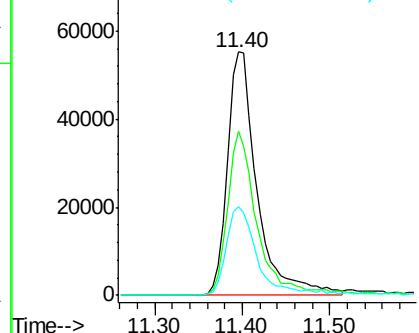
#29
2,4-Dichlorophenol
Concen: 51.65 ng
RT: 11.40 min Scan# 1380
Delta R.T. 0.01 min
Lab File: BG033406.D
Acq: 29 Mar 2018 5:05

Instrument :
BNA_G
ClientSampleId :
PB107704BS

Tgt Ion:162 Resp: 128908
Ion Ratio Lower Upper
162 100
164 67.5 48.0 88.0
98 36.5 21.1 61.1

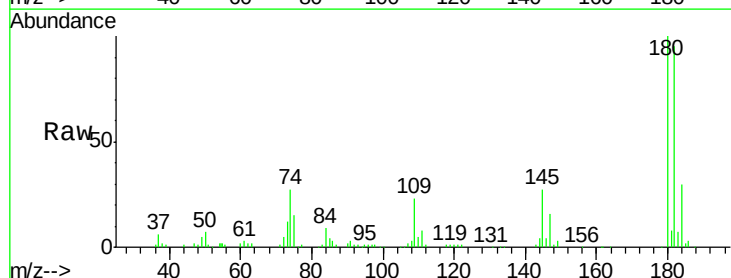


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

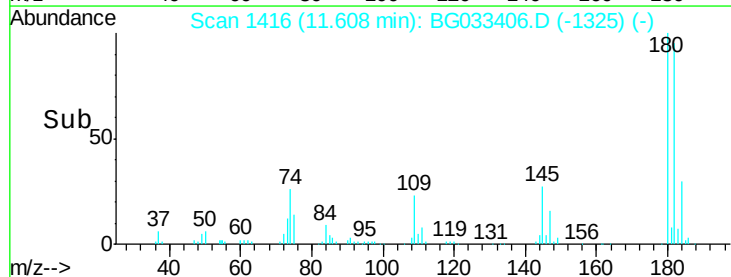
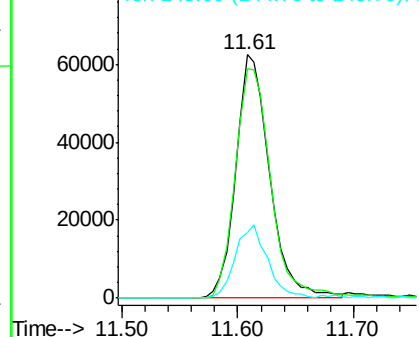


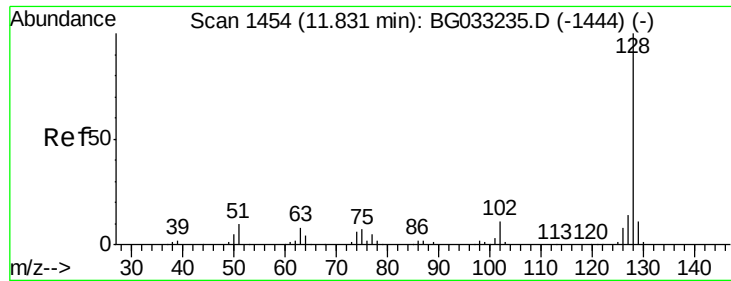
#30
1,2,4-Trichlorobenzene
Concen: 39.17 ng
RT: 11.61 min Scan# 1416
Delta R.T. 0.00 min
Lab File: BG033406.D
Acq: 29 Mar 2018 5:05

Tgt Ion:180 Resp: 127011
Ion Ratio Lower Upper
180 100
182 94.5 77.5 116.3
145 27.1 23.4 35.2



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

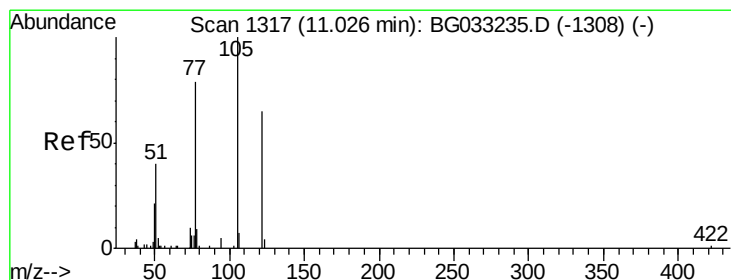
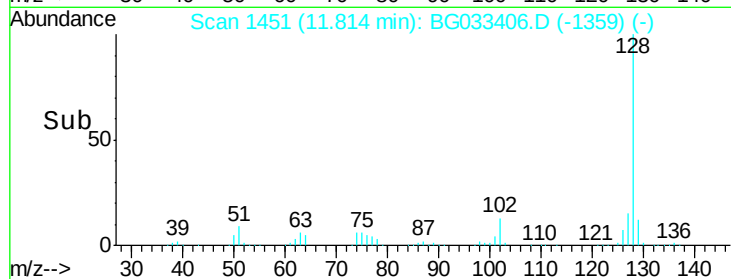
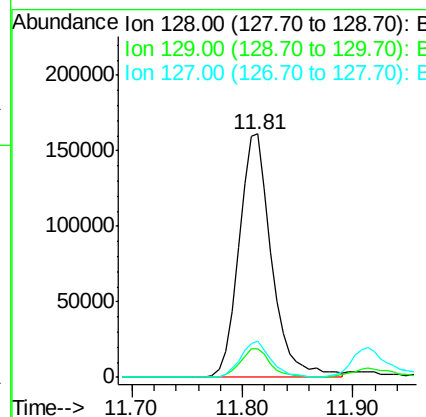
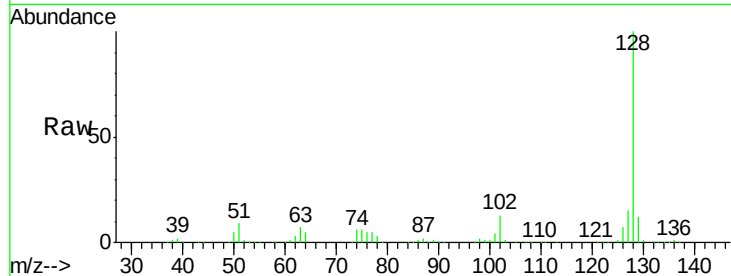




#31
Naphthalene
Concen: 40.66 ng
RT: 11.81 min Scan# 1451
Delta R.T. 0.01 min
Lab File: BG033406.D
Acq: 29 Mar 2018 5:05

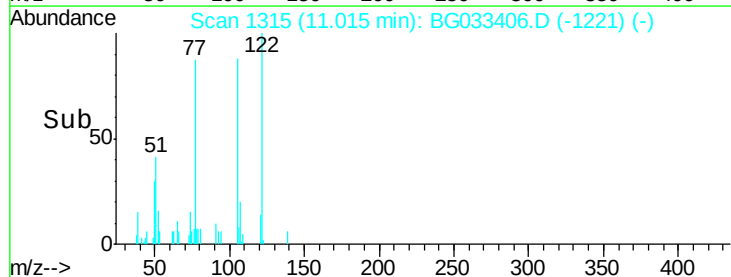
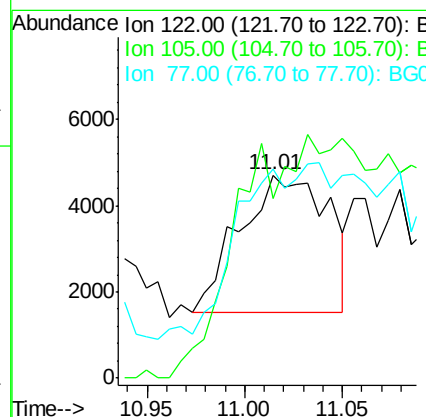
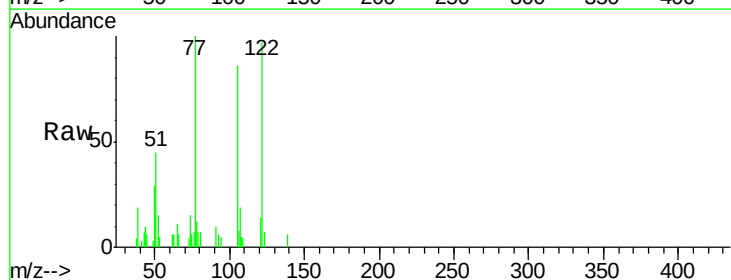
Instrument :
BNA_G
ClientSampleId :
PB107704BS

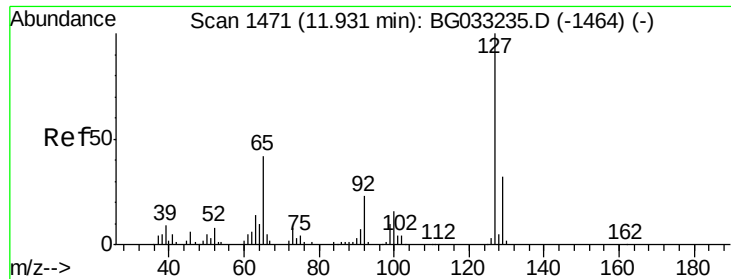
Tgt Ion:128 Resp: 333772
Ion Ratio Lower Upper
128 100
129 11.8 8.6 12.8
127 14.8 11.6 17.4



#32
Benzoic acid
Concen: 5.30 ng
RT: 11.01 min Scan# 1315
Delta R.T. 0.02 min
Lab File: BG033406.D
Acq: 29 Mar 2018 5:05

Tgt Ion:122 Resp: 10002
Ion Ratio Lower Upper
122 100
105 88.2 123.5 163.5#
77 103.0 85.7 125.7

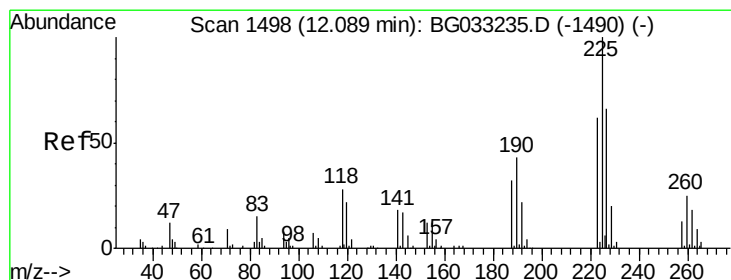
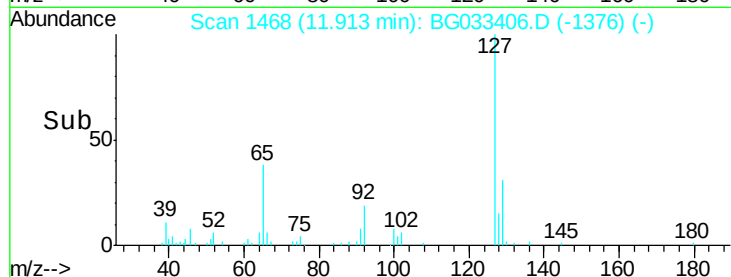
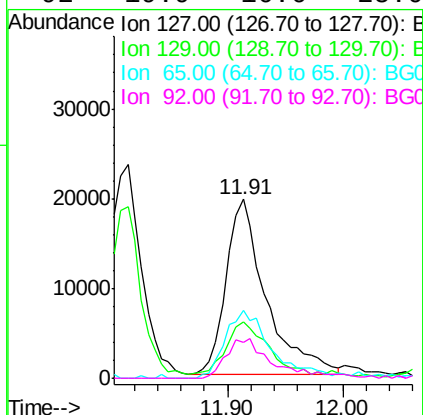
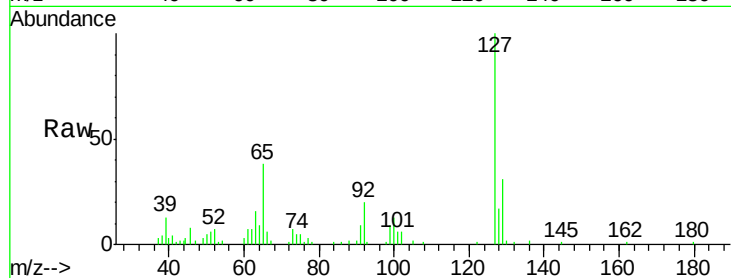




#33
 4-Chloroaniline
 Concen: 12.80 ng
 RT: 11.91 min Scan# 1468
 Delta R.T. 0.01 min
 Lab File: BG033406.D
 Acq: 29 Mar 2018 5:05

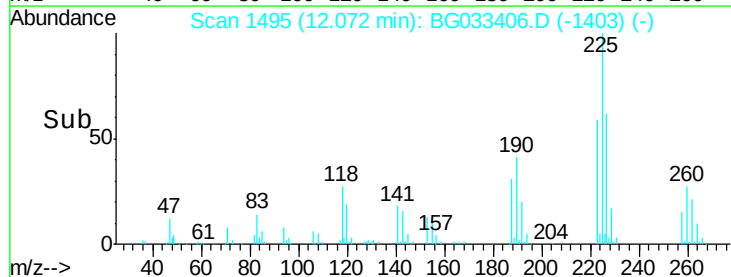
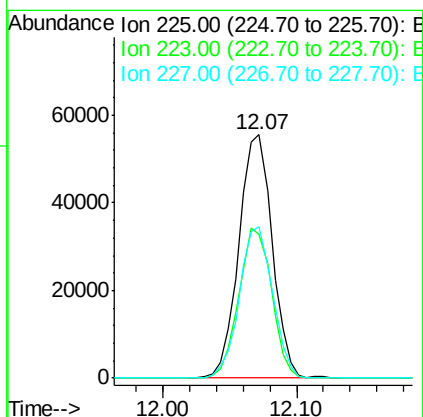
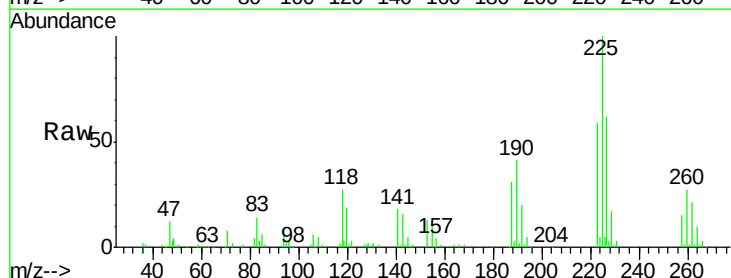
Instrument :
 BNA_G
 ClientSampleId :
 PB107704BS

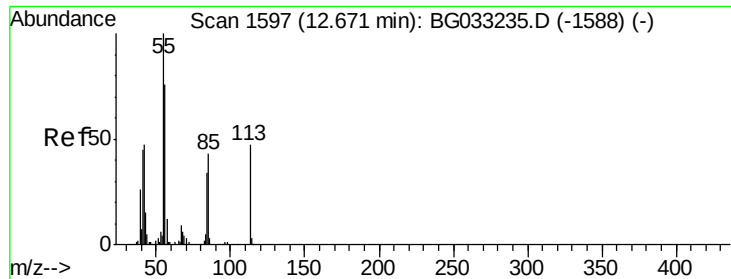
Tgt Ion:	127	Resp:	47068
Ion	Ratio	Lower	Upper
127	100		
129	31.1	24.0	36.0
65	37.6	27.0	40.4
92	19.9	16.6	25.0



#34
 Hexachlorobutadiene
 Concen: 39.03 ng
 RT: 12.07 min Scan# 1495
 Delta R.T. 0.01 min
 Lab File: BG033406.D
 Acq: 29 Mar 2018 5:05

Tgt Ion:	225	Resp:	95724
Ion	Ratio	Lower	Upper
225	100		
223	59.0	49.7	74.5
227	62.5	48.1	72.1





#35

Caprolactam

Concen: 44.41 ng

RT: 12.66 min Scan# 1595

Delta R.T. 0.02 min

Lab File: BG033406.D

Acq: 29 Mar 2018 5:05

Instrument :

BNA_G

ClientSampleId :

PB107704BS

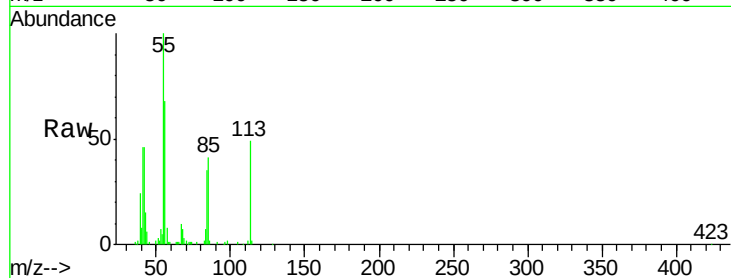
Tgt Ion:113 Resp: 43427

Ion Ratio Lower Upper

113 100

55 203.6 186.9 226.9

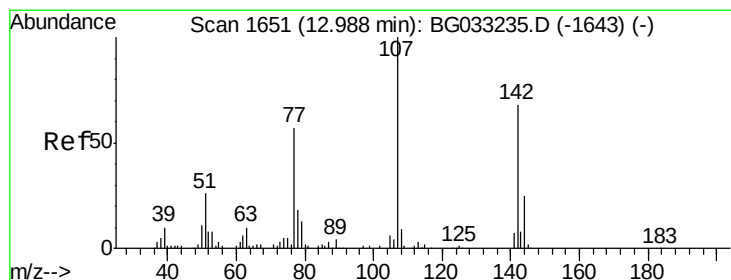
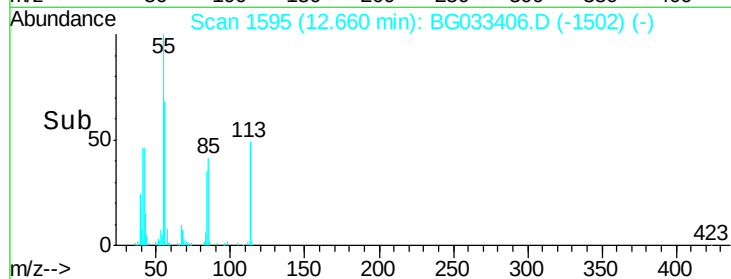
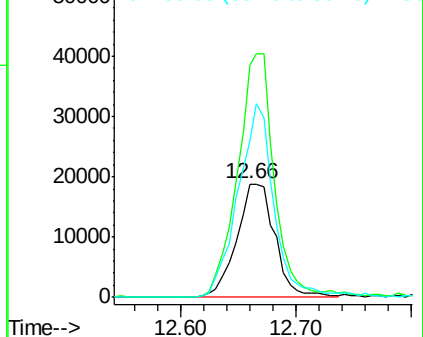
56 137.6 130.9 170.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG033235.D (-1588) (-)

Ion 56.00 (55.70 to 56.70): BG033235.D (-1588) (-)



#36

4-Chloro-3-methylphenol

Concen: 49.33 ng

RT: 12.98 min Scan# 1650

Delta R.T. 0.02 min

Lab File: BG033406.D

Acq: 29 Mar 2018 5:05

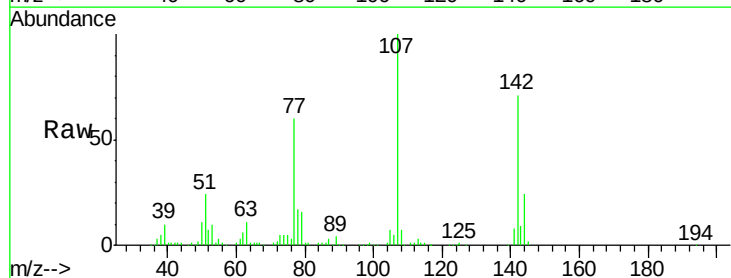
Tgt Ion:107 Resp: 160594

Ion Ratio Lower Upper

107 100

144 23.8 18.2 27.4

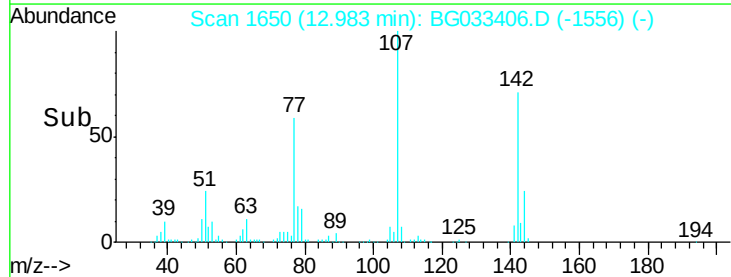
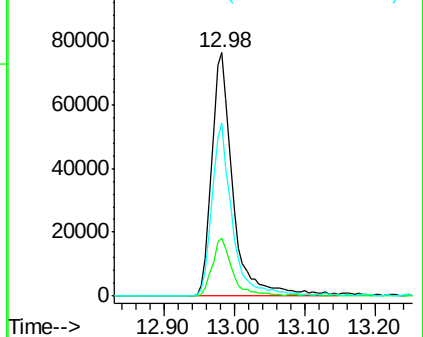
142 71.2 59.0 88.4

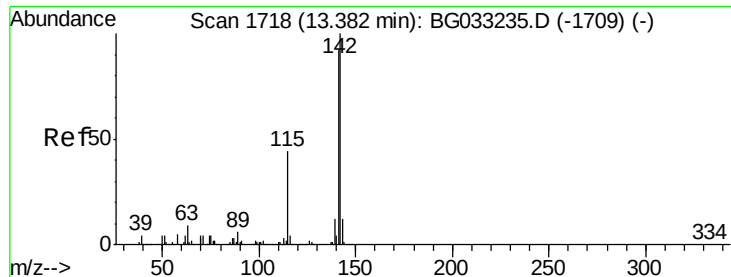


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.83 ng

RT: 13.36 min Scan# 1714

Delta R.T. 0.00 min

Lab File: BG033406.D

Acq: 29 Mar 2018 5:05

Instrument :

BNA_G

ClientSampleId :

PB107704BS

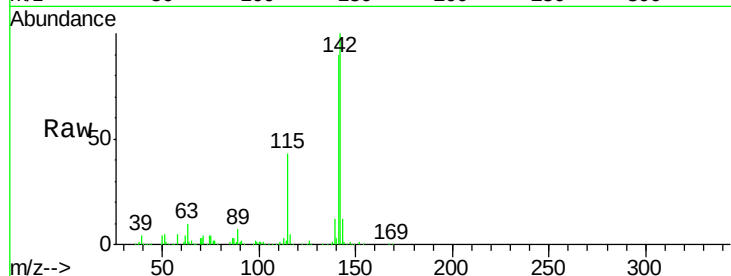
Tgt Ion:142 Resp: 260095

Ion Ratio Lower Upper

142 100

141 90.1 67.1 100.7

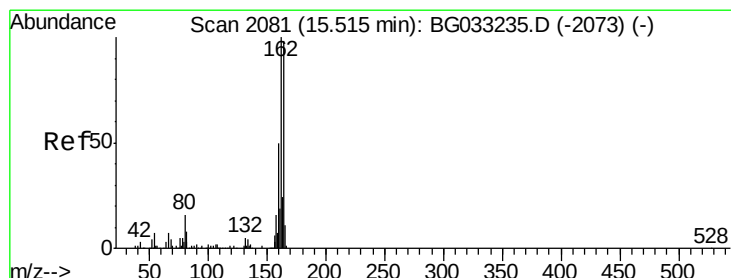
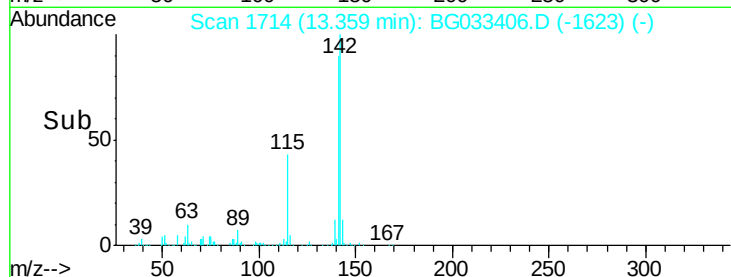
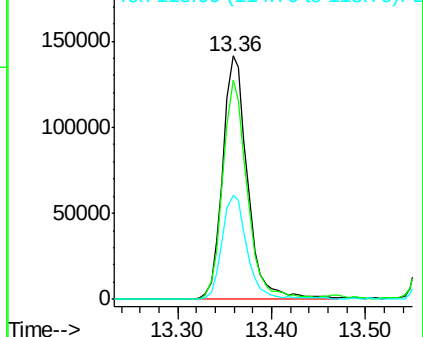
115 43.0 30.7 46.1



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: 20.00 ng

RT: 15.49 min Scan# 2077

Delta R.T. 0.00 min

Lab File: BG033406.D

Acq: 29 Mar 2018 5:05

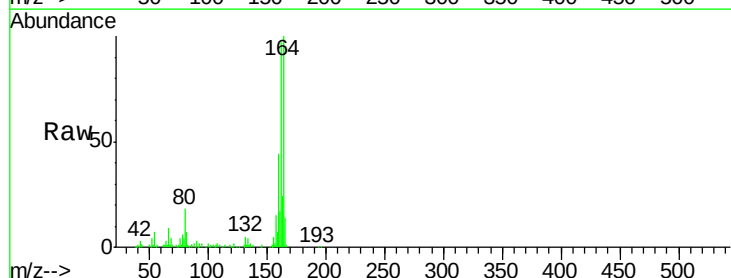
Tgt Ion:164 Resp: 119334

Ion Ratio Lower Upper

164 100

162 96.7 78.8 118.2

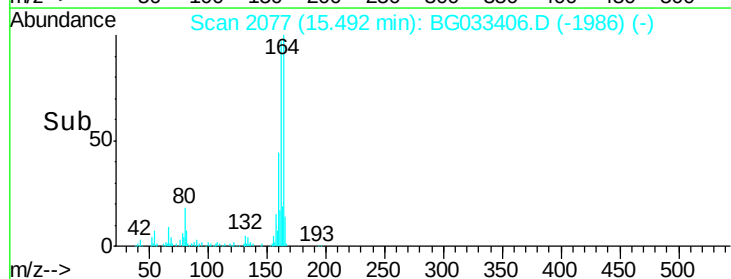
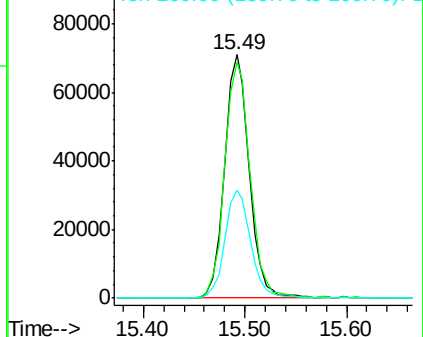
160 44.2 35.4 53.0

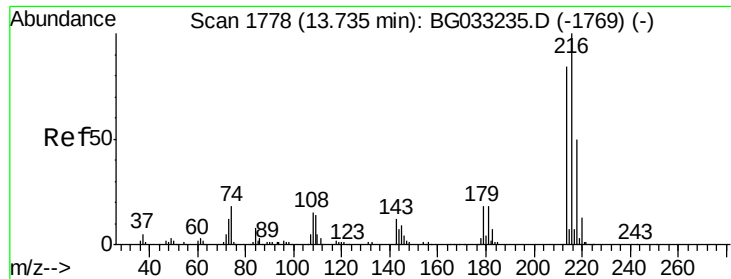


Abundance Ion 164.00 (163.70 to 164.70): E

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: 39.78 ng

RT: 13.72 min Scan# 1775

Delta R.T. 0.01 min

Lab File: BG033406.D

Acq: 29 Mar 2018 5:05

Instrument :

BNA_G

ClientSampleId :

PB107704BS

Tgt Ion:216 Resp: 171953

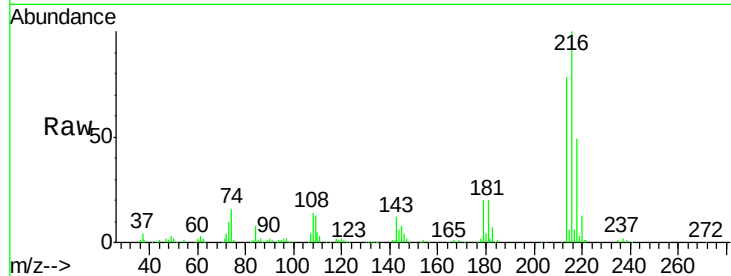
Ion Ratio Lower Upper

216 100

214 79.0 63.0 94.4

179 20.6 17.0 25.6

108 17.1 12.8 19.2

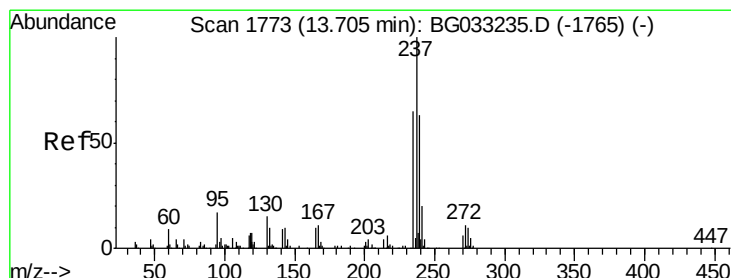
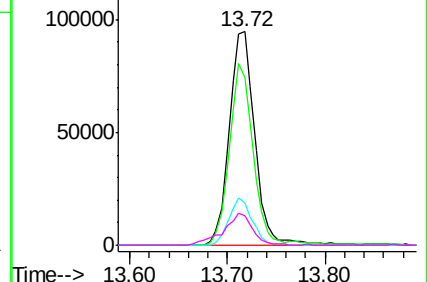
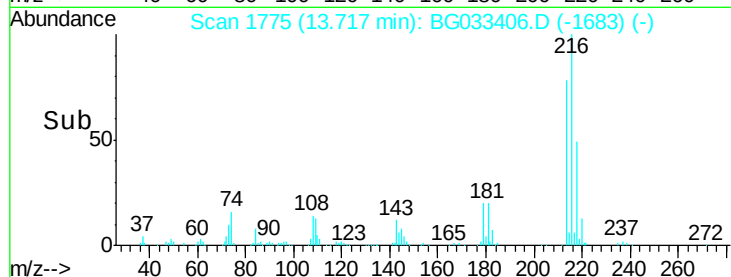


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 78.05 ng

RT: 13.68 min Scan# 1769

Delta R.T. -0.00 min

Lab File: BG033406.D

Acq: 29 Mar 2018 5:05

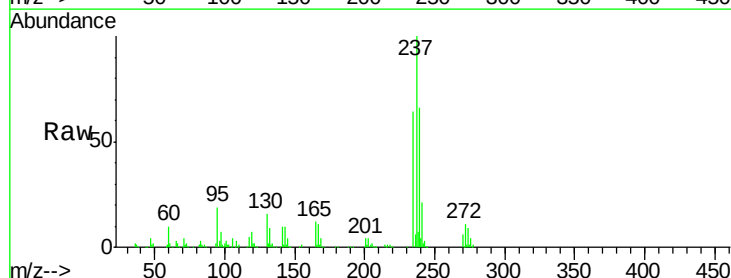
Tgt Ion:237 Resp: 197782

Ion Ratio Lower Upper

237 100

235 64.2 50.4 90.4

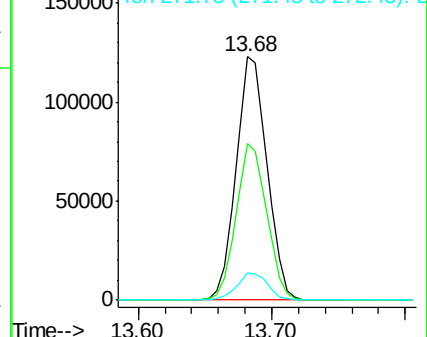
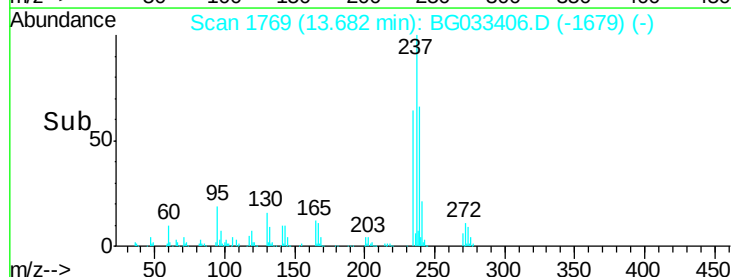
272 11.3 0.0 31.8

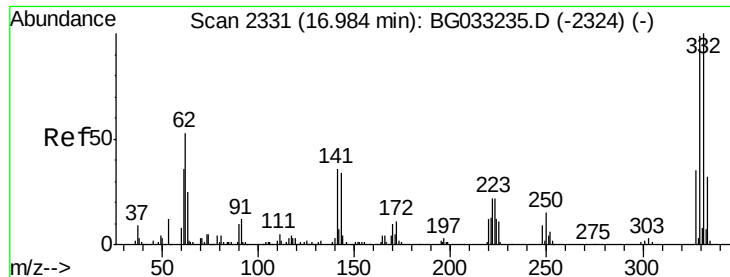


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

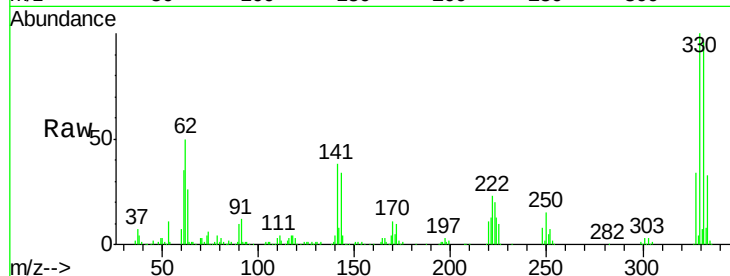




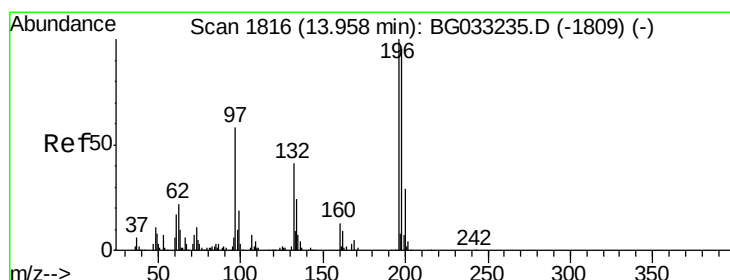
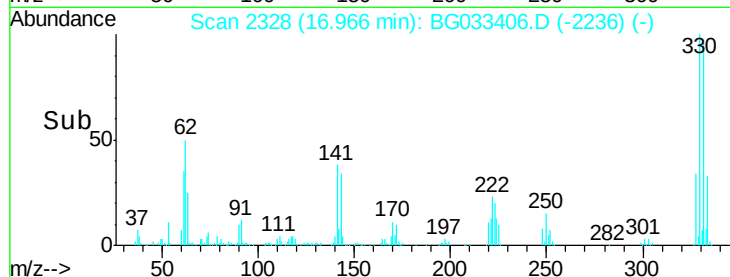
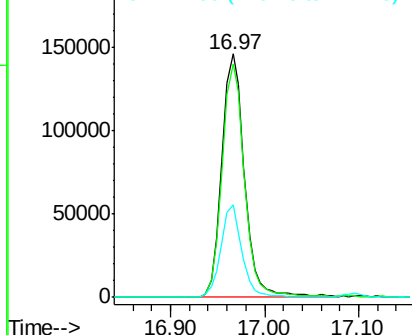
#41
 2,4,6-Tribromophenol
 Concen: 137.84 ng
 RT: 16.97 min Scan# 2328
 Delta R.T. 0.01 min
 Lab File: BG033406.D
 Acq: 29 Mar 2018 5:05

Instrument :
 BNA_G
 ClientSampleId :
 PB107704BS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	35.0	25.2	37.8

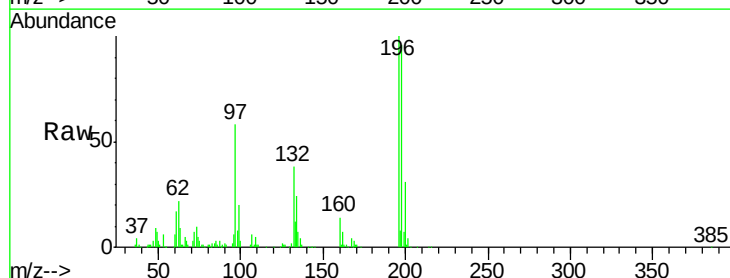


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

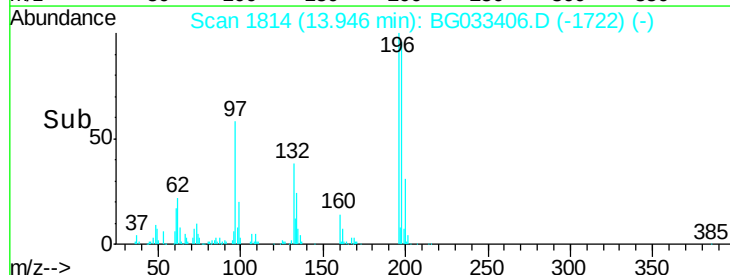
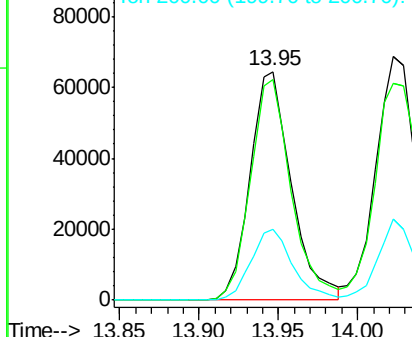


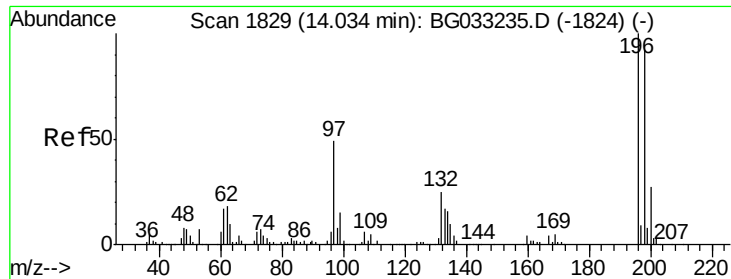
#42
 2,4,6-Trichlorophenol
 Concen: 46.59 ng
 RT: 13.95 min Scan# 1814
 Delta R.T. 0.01 min
 Lab File: BG033406.D
 Acq: 29 Mar 2018 5:05

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.4	78.2	117.2
200	31.0	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

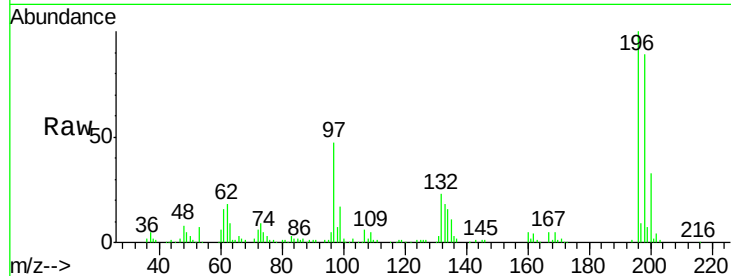




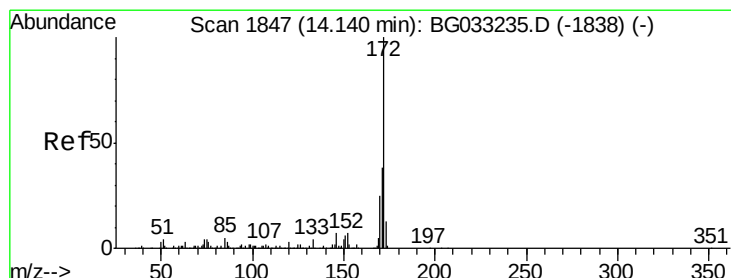
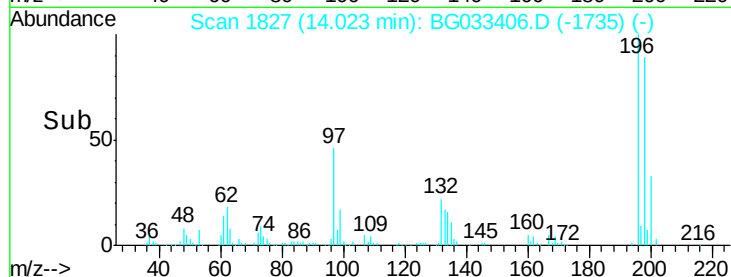
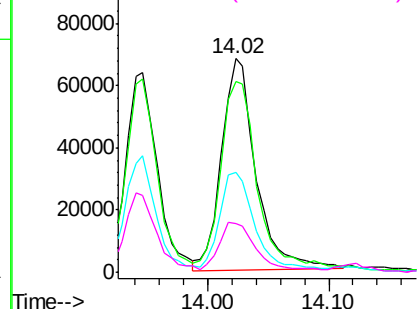
#43
2,4,5-Trichlorophenol
Concen: 44.84 ng
RT: 14.02 min Scan# 1827
Delta R.T. 0.01 min
Lab File: BG033406.D
Acq: 29 Mar 2018 5:05

Instrument :
BNA_G
ClientSampleId :
PB107704BS

Tgt Ion:196 Resp: 133102
Ion Ratio Lower Upper
196 100
198 89.1 76.2 114.4
97 46.9 38.7 58.1
132 22.7 20.2 30.2

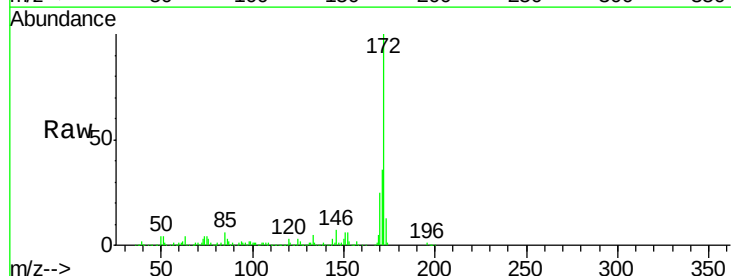


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BG
Ion 132.00 (131.70 to 132.70): E

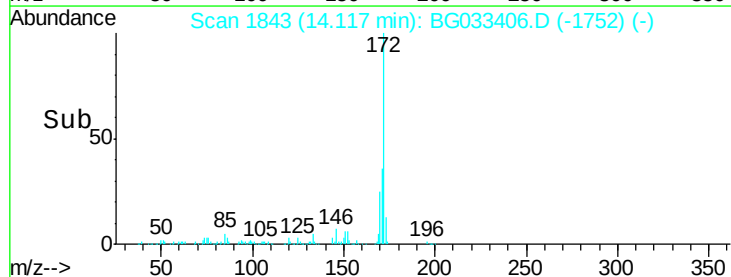
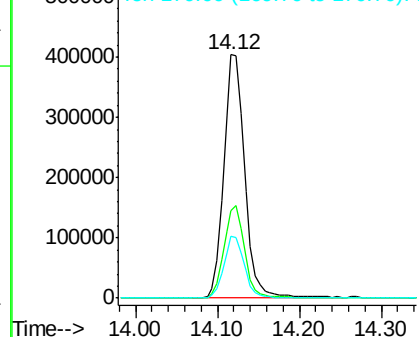


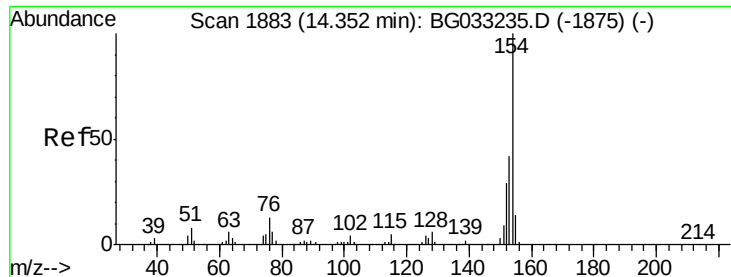
#44
2-Fluorobiphenyl
Concen: 87.61 ng
RT: 14.12 min Scan# 1843
Delta R.T. 0.00 min
Lab File: BG033406.D
Acq: 29 Mar 2018 5:05

Tgt Ion:172 Resp: 724234
Ion Ratio Lower Upper
172 100
171 35.7 30.0 45.0
170 25.2 19.5 29.3



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





#45

1,1'-Biphenyl

Concen: 40.12 ng

RT: 14.33 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BG033406.D

Acq: 29 Mar 2018 5:05

Instrument :

BNA_G

ClientSampled :

PB107704BS

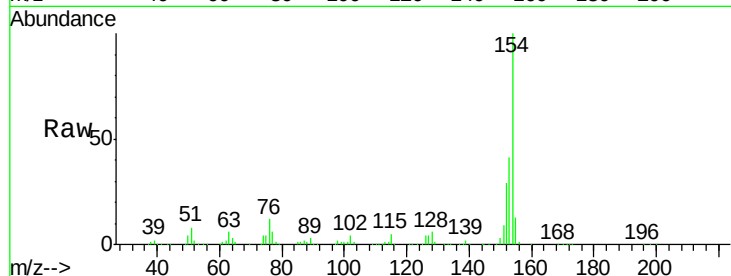
Tgt Ion:154 Resp: 367824

Ion Ratio Lower Upper

154 100

153 40.9 19.8 59.8

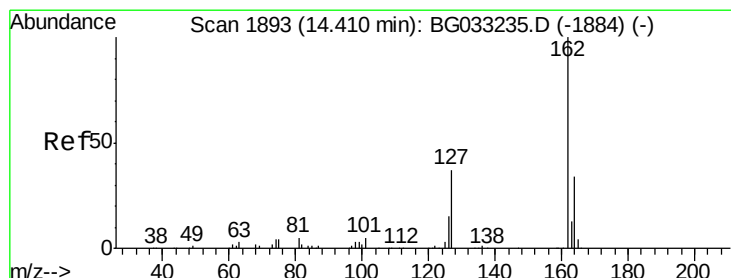
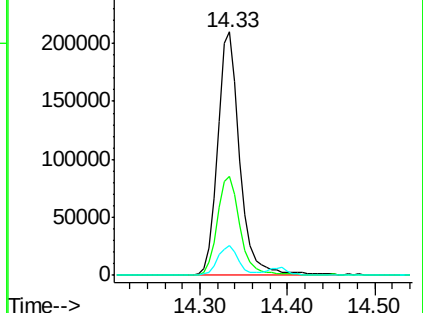
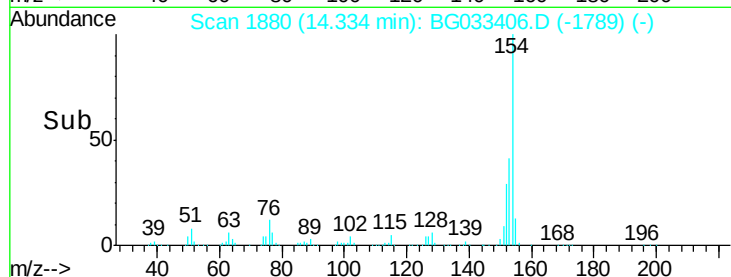
76 12.2 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 40.18 ng

RT: 14.39 min Scan# 1889

Delta R.T. 0.00 min

Lab File: BG033406.D

Acq: 29 Mar 2018 5:05

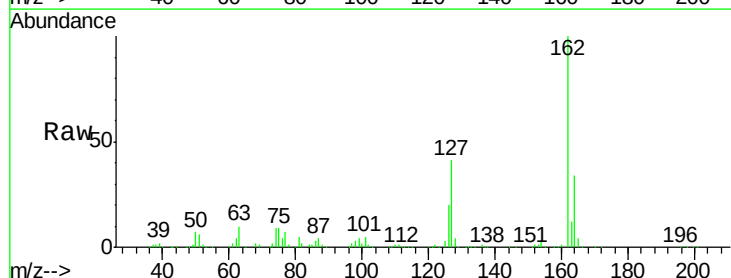
Tgt Ion:162 Resp: 284055

Ion Ratio Lower Upper

162 100

127 41.1 30.7 46.1

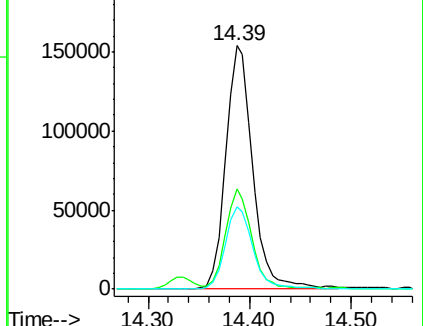
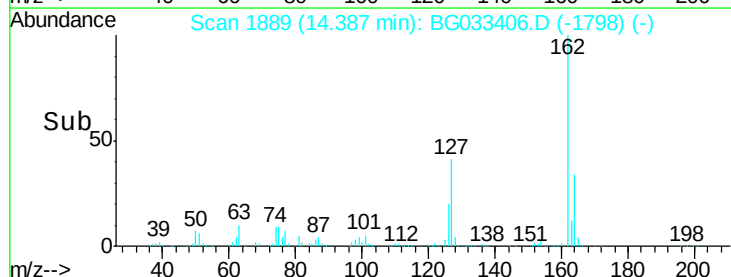
164 33.6 26.0 39.0

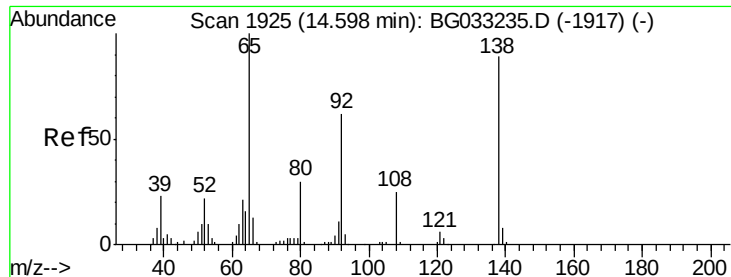


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

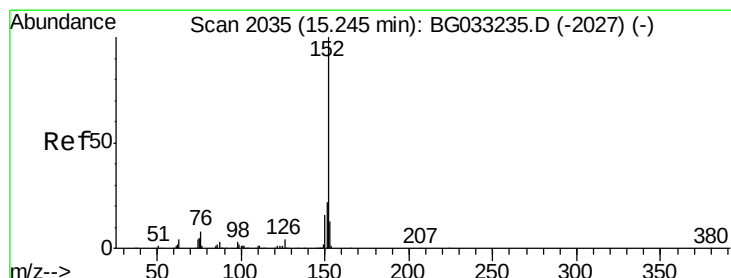
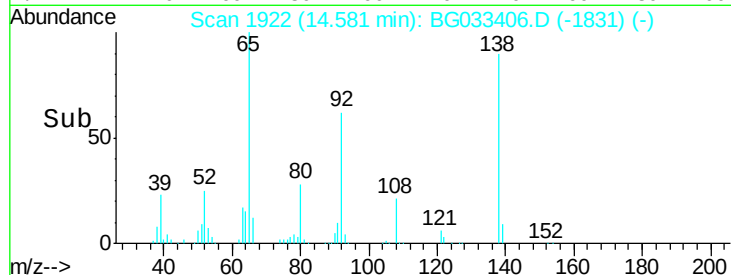
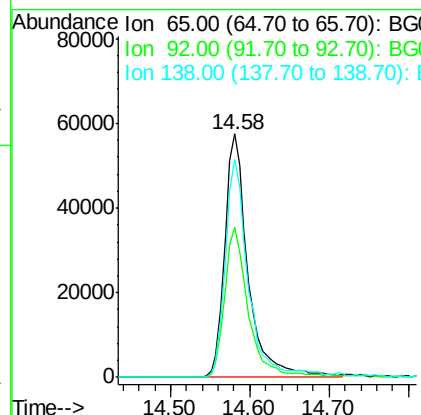
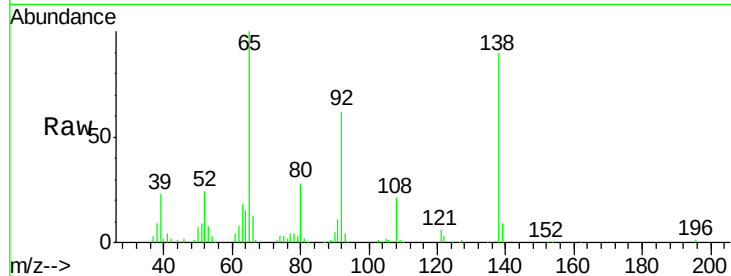




#47
2-Nitroaniline
Concen: 44.43 ng
RT: 14.58 min Scan# 1922
Delta R.T. 0.00 min
Lab File: BG033406.D
Acq: 29 Mar 2018 5:05

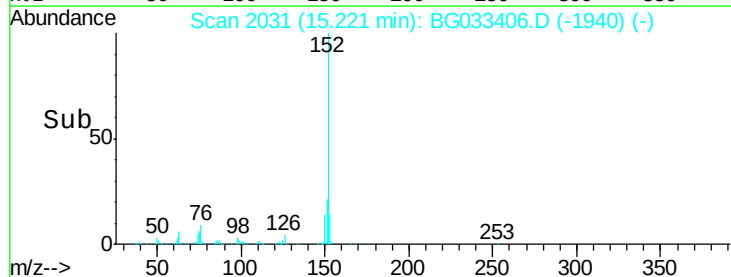
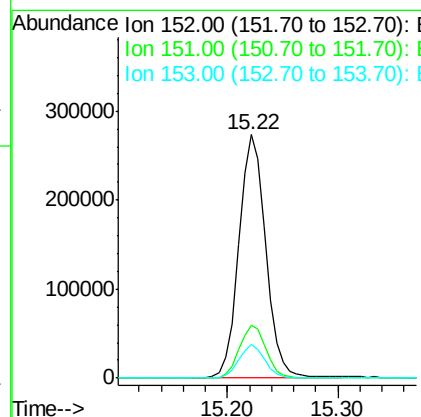
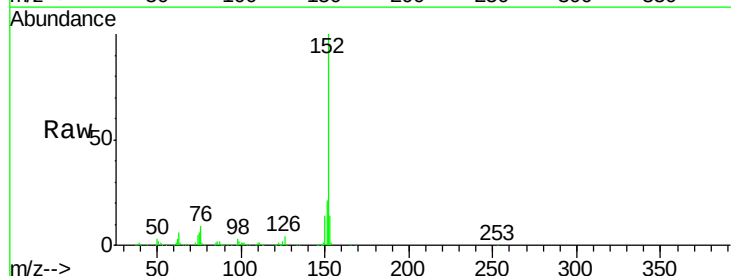
Instrument :
BNA_G
ClientSampleId :
PB107704BS

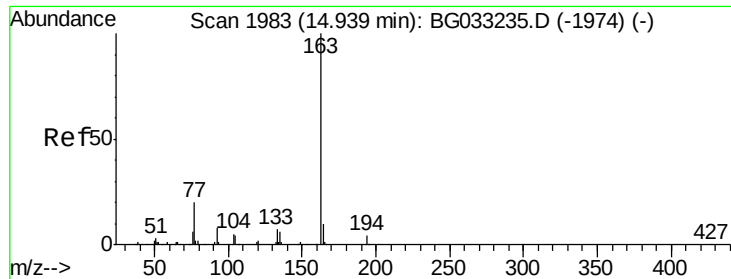
Tgt Ion: 65 Resp: 117634
Ion Ratio Lower Upper
65 100
92 61.9 54.6 82.0
138 89.7 72.9 109.3



#48
Acenaphthylene
Concen: 39.74 ng
RT: 15.22 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BG033406.D
Acq: 29 Mar 2018 5:05

Tgt Ion: 152 Resp: 468866
Ion Ratio Lower Upper
152 100
151 21.5 17.2 25.8
153 13.6 10.2 15.4





#49

Dimethylphthalate

Concen: 40.55 ng

RT: 14.92 min Scan# 1979

Delta R.T. 0.00 min

Lab File: BG033406.D

Acq: 29 Mar 2018 5:05

Instrument :

BNA_G

ClientSampleId :

PB107704BS

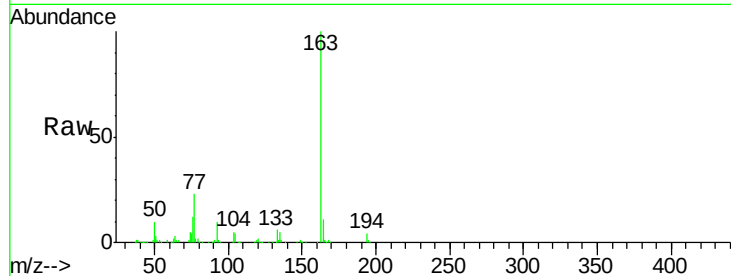
Tgt Ion:163 Resp: 421159

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

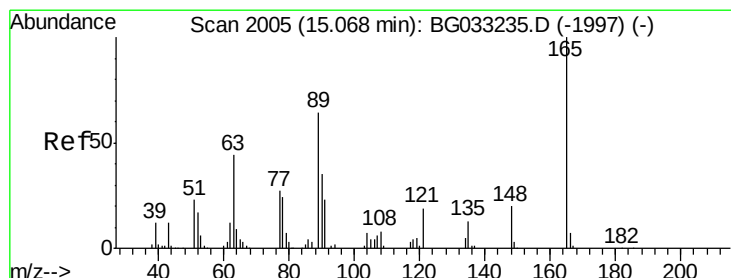
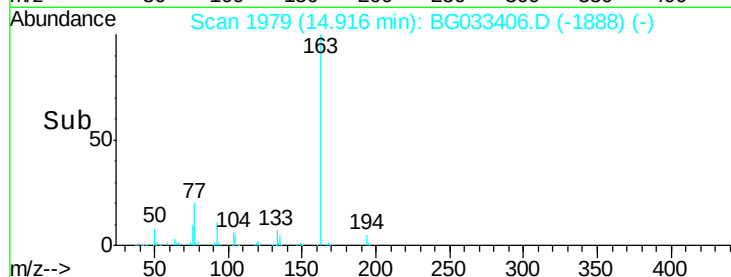
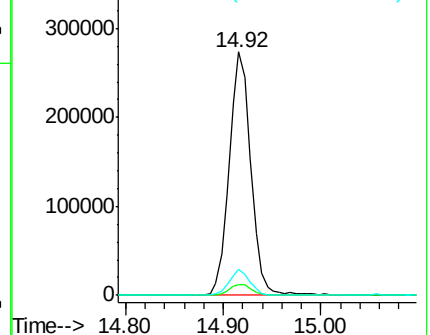
164 10.9 8.2 12.4



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: 41.81 ng

RT: 15.05 min Scan# 2002

Delta R.T. 0.00 min

Lab File: BG033406.D

Acq: 29 Mar 2018 5:05

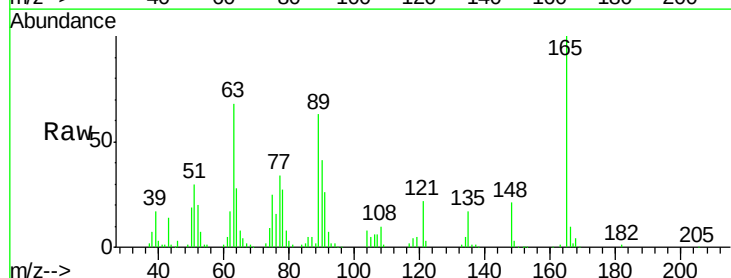
Tgt Ion:165 Resp: 88775

Ion Ratio Lower Upper

165 100

63 68.0 52.7 79.1

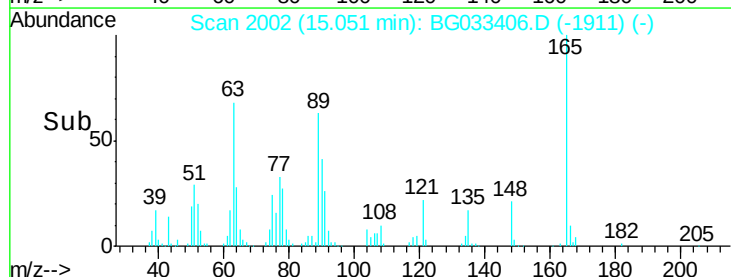
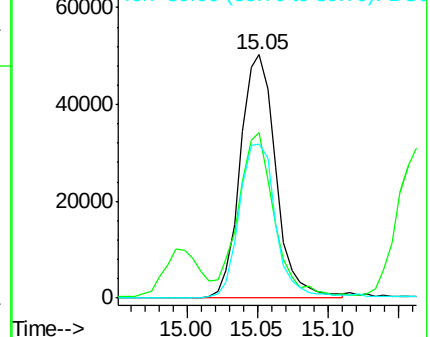
89 63.5 49.2 73.8

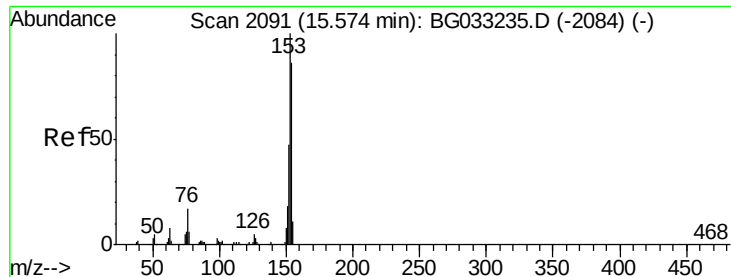


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 39.14 ng

RT: 15.56 min Scan# 2088

Delta R.T. 0.00 min

Lab File: BG033406.D

Acq: 29 Mar 2018 5:05

Instrument :

BNA_G

ClientSampleId :

PB107704BS

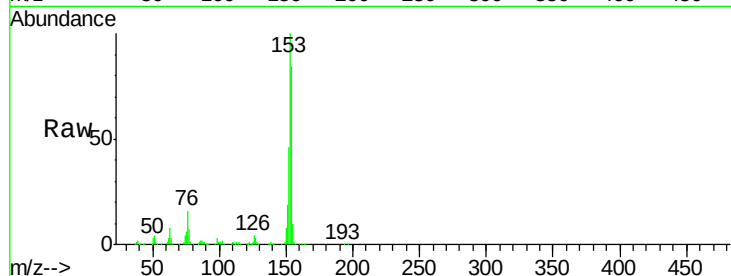
Tgt Ion:154 Resp: 297756

Ion Ratio Lower Upper

154 100

153 118.4 90.4 135.6

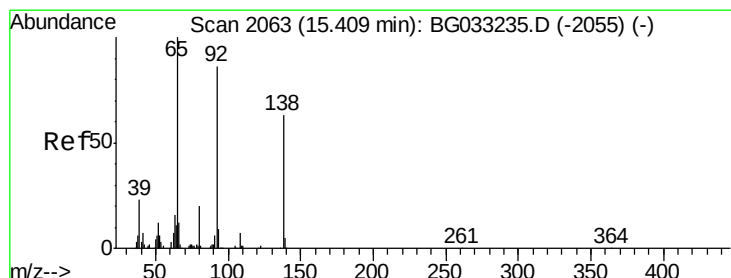
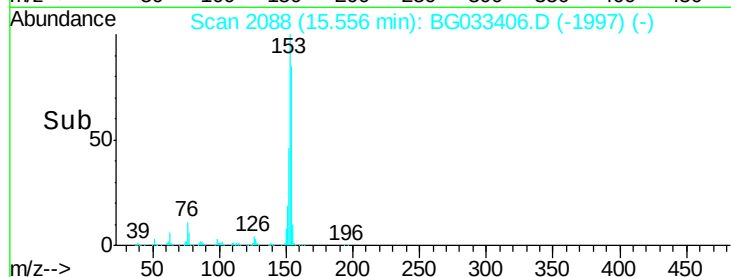
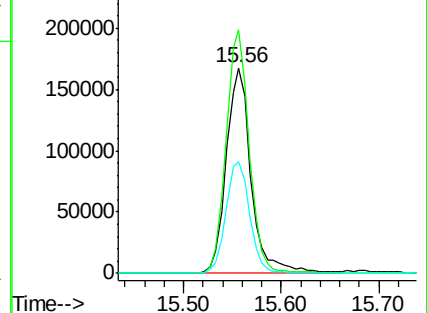
152 54.5 41.6 62.4



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: 20.04 ng

RT: 15.39 min Scan# 2060

Delta R.T. 0.01 min

Lab File: BG033406.D

Acq: 29 Mar 2018 5:05

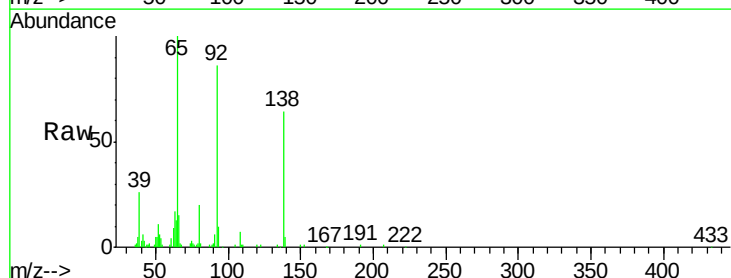
Tgt Ion:138 Resp: 44606

Ion Ratio Lower Upper

138 100

108 10.7 17.5 26.3#

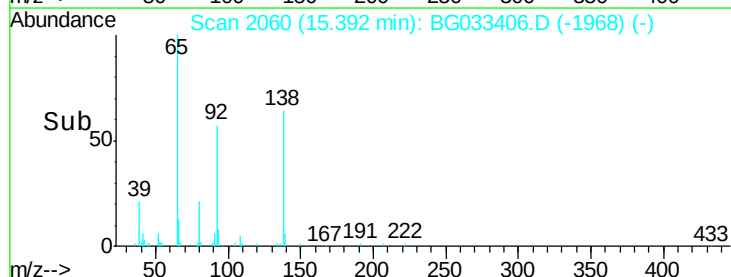
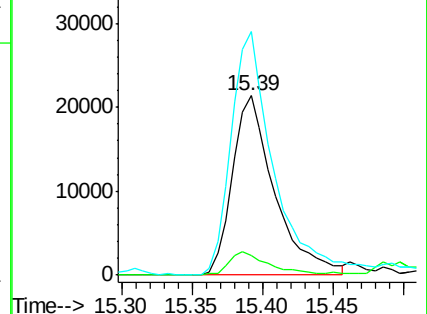
92 135.6 105.8 158.8

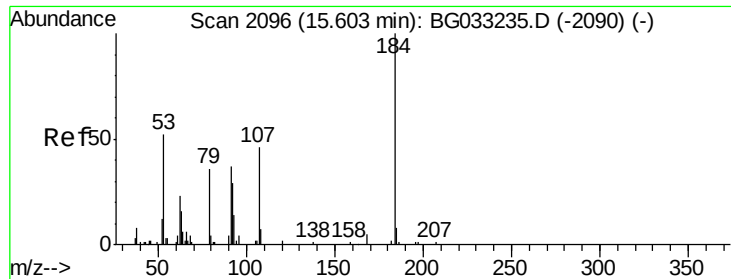


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

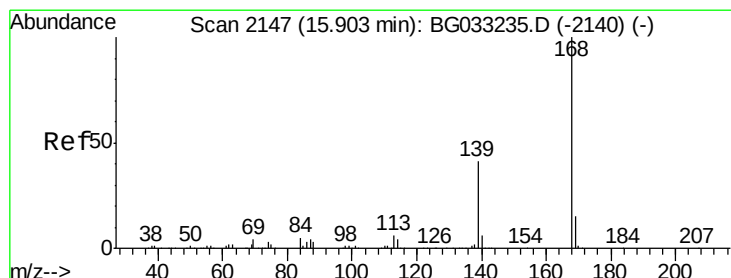
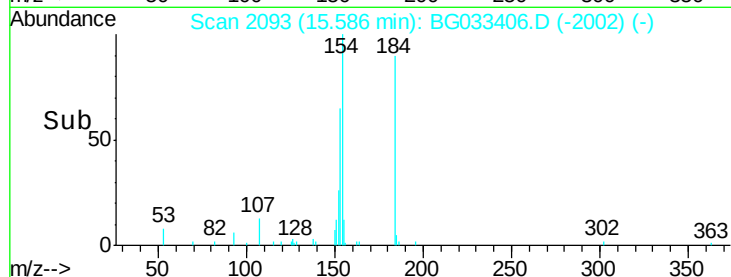
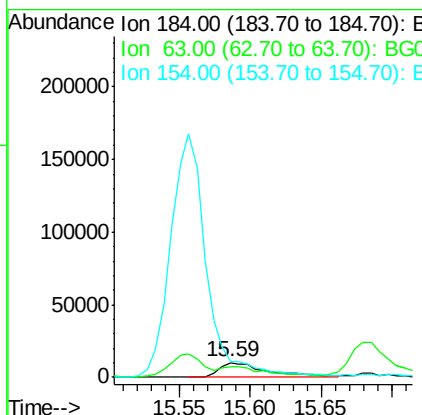
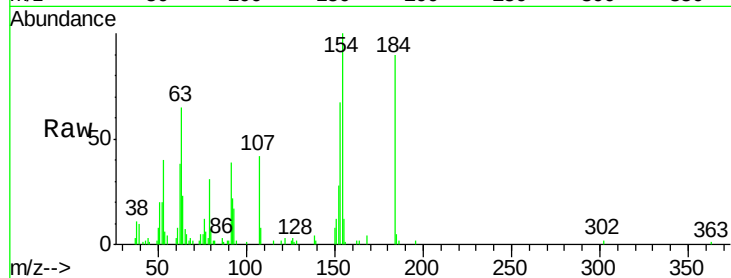




#53
2,4-Dinitrophenol
Concen: 28.37 ng
RT: 15.59 min Scan# 2093
Delta R.T. 0.00 min
Lab File: BG033406.D
Acq: 29 Mar 2018 5:05

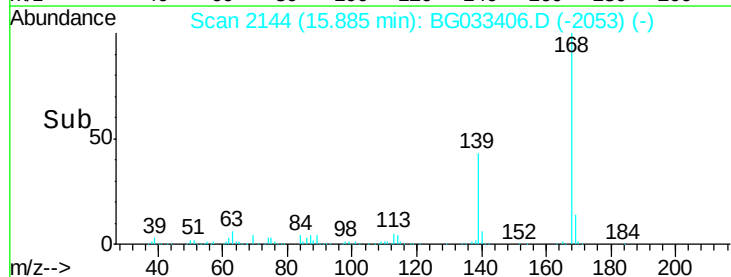
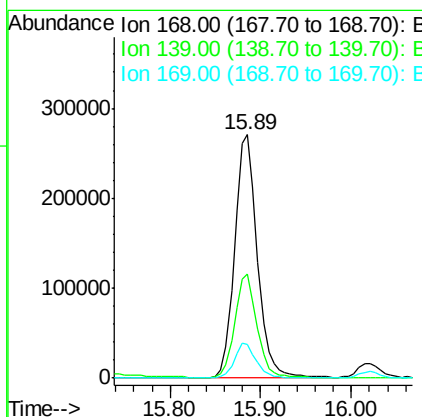
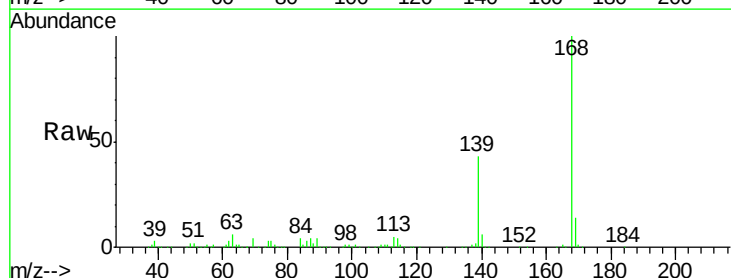
Instrument :
BNA_G
ClientSampleId :
PB107704BS

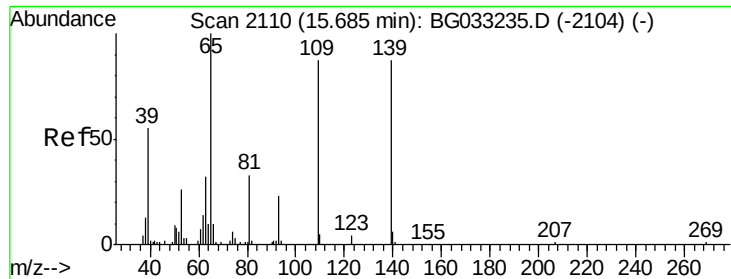
Tgt Ion:184 Resp: 25205
Ion Ratio Lower Upper
184 100
63 71.6 59.8 89.8
154 110.8 101.8 152.8



#54
Dibenzofuran
Concen: 42.24 ng
RT: 15.89 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BG033406.D
Acq: 29 Mar 2018 5:05

Tgt Ion:168 Resp: 474614
Ion Ratio Lower Upper
168 100
139 42.9 28.6 43.0
169 13.8 11.2 16.8

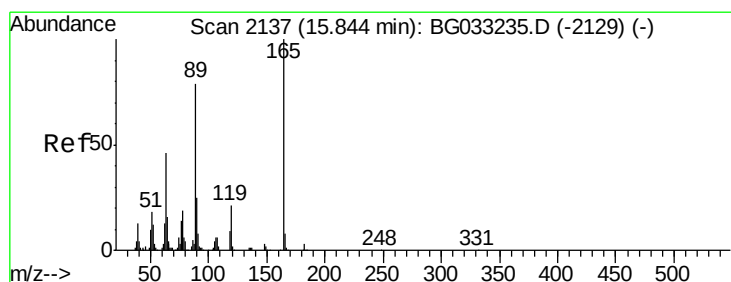
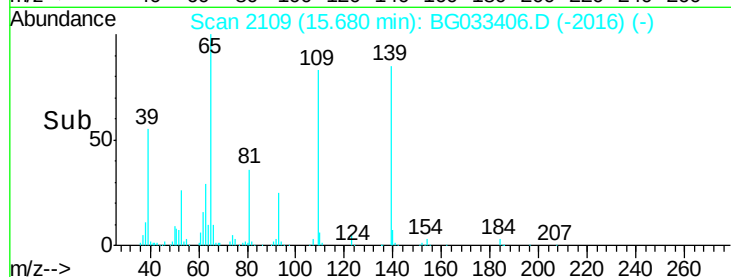
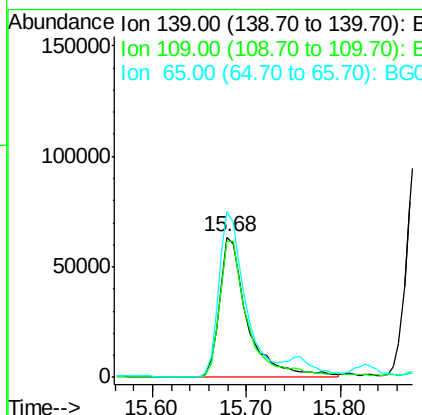
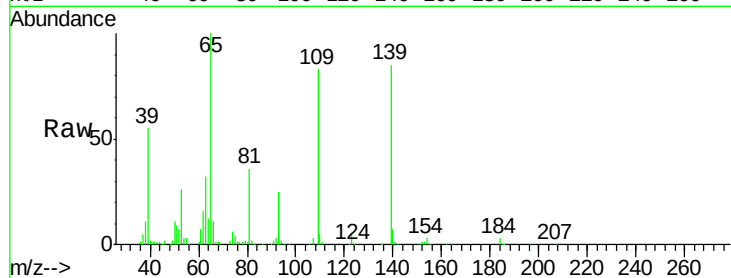




#55
4-Nitrophenol
Concen: 84.23 ng
RT: 15.68 min Scan# 2109
Delta R.T. 0.02 min
Lab File: BG033406.D
Acq: 29 Mar 2018 5:05

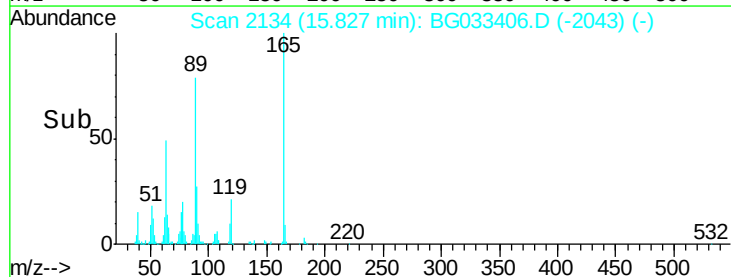
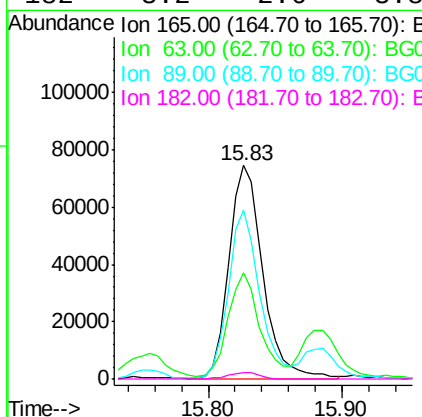
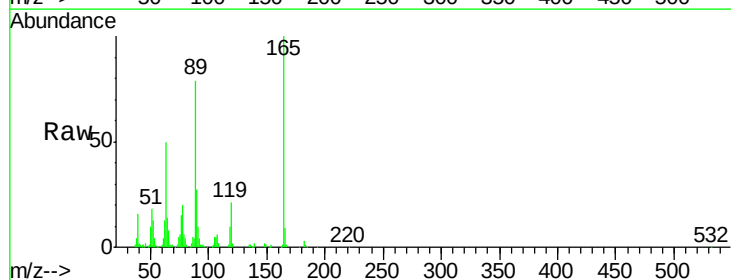
Instrument :
BNA_G
ClientSampleId :
PB107704BS

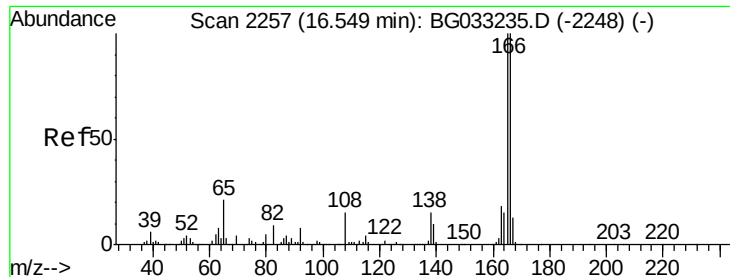
Tgt Ion:139 Resp: 131856
Ion Ratio Lower Upper
139 100
109 97.5 62.2 102.2
65 118.0 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 41.91 ng
RT: 15.83 min Scan# 2134
Delta R.T. 0.00 min
Lab File: BG033406.D
Acq: 29 Mar 2018 5:05

Tgt Ion:165 Resp: 131043
Ion Ratio Lower Upper
165 100
63 49.6 42.0 63.0
89 78.8 66.9 100.3
182 3.2 2.6 3.8





#57

Fluorene

Concen: 41.30 ng

RT: 16.53 min Scan# 2253

Delta R.T. 0.00 min

Lab File: BG033406.D

Acq: 29 Mar 2018 5:05

Instrument :

BNA_G

ClientSampleId :

PB107704BS

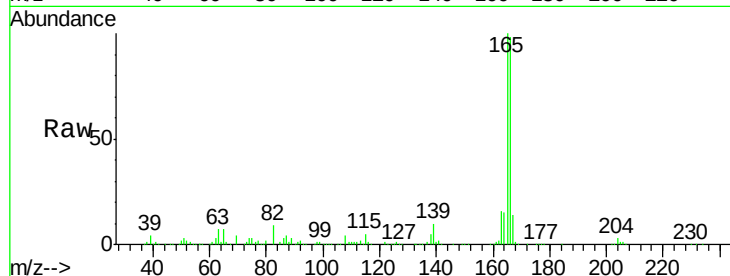
Tgt Ion:166 Resp: 395358

Ion Ratio Lower Upper

166 100

165 102.3 80.6 121.0

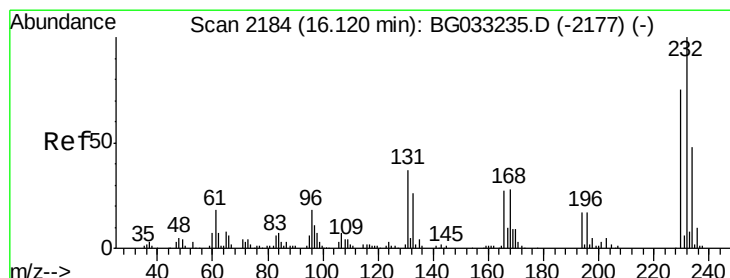
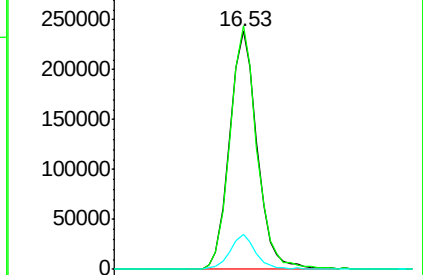
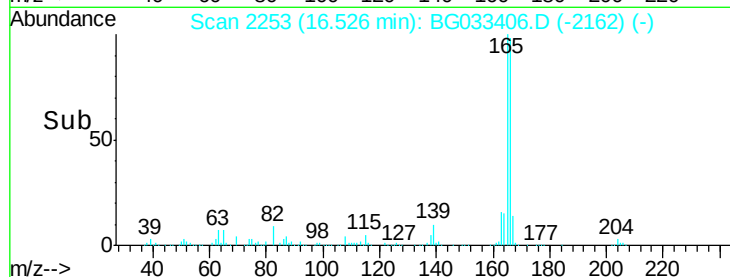
167 14.6 10.4 15.6



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: 48.77 ng

RT: 16.10 min Scan# 2180

Delta R.T. 0.00 min

Lab File: BG033406.D

Acq: 29 Mar 2018 5:05

Tgt Ion:232 Resp: 136300

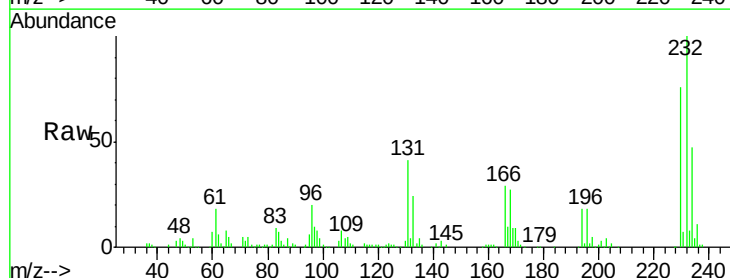
Ion Ratio Lower Upper

232 100

131 36.7 33.5 50.3

130 2.5 2.2 3.2

166 28.2 24.8 37.2

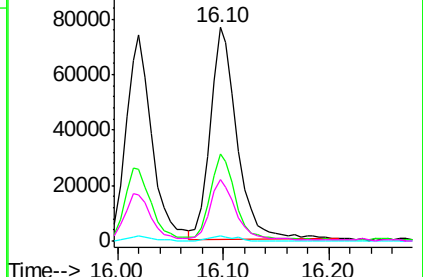
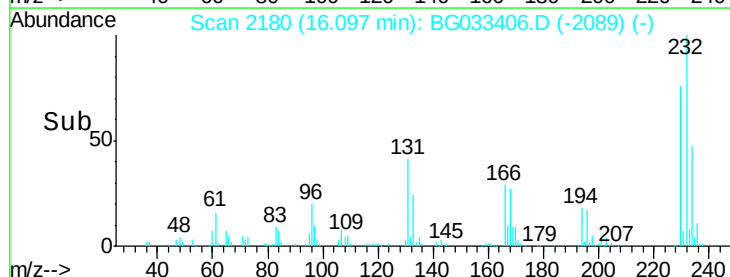


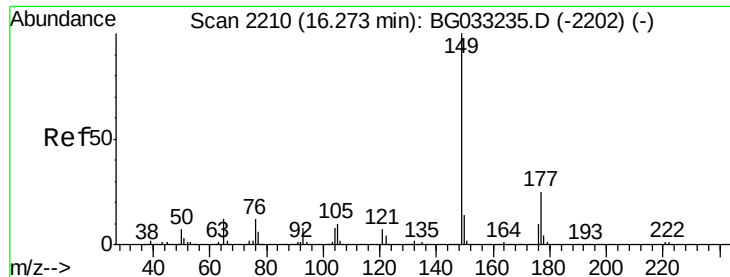
Abundance Ion 232.00 (231.70 to 232.70): E

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: 41.43 ng

RT: 16.26 min Scan# 2207

Delta R.T. 0.00 min

Lab File: BG033406.D

Acq: 29 Mar 2018 5:05

Instrument :

BNA_G

ClientSampleId :

PB107704BS

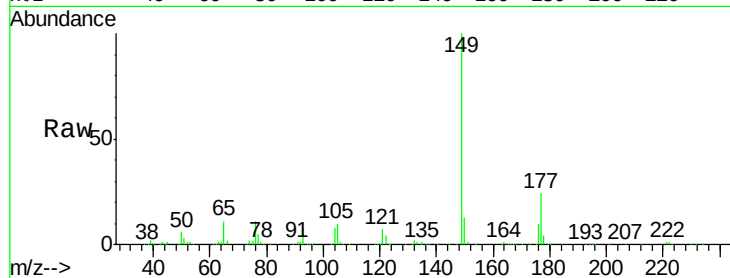
Tgt Ion:149 Resp: 417807

Ion Ratio Lower Upper

149 100

177 24.1 18.5 27.7

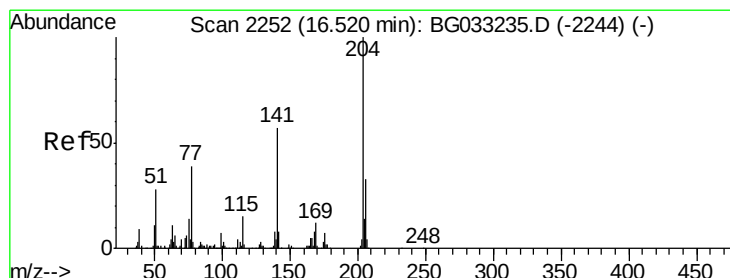
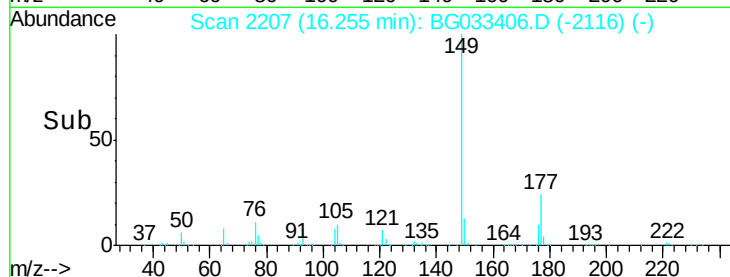
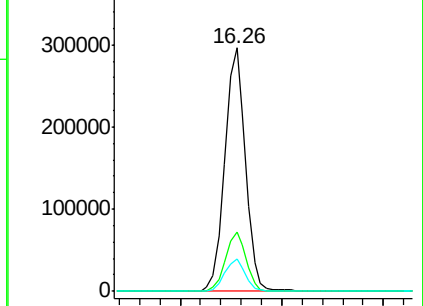
150 13.4 10.2 15.2



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: 41.16 ng

RT: 16.50 min Scan# 2248

Delta R.T. -0.00 min

Lab File: BG033406.D

Acq: 29 Mar 2018 5:05

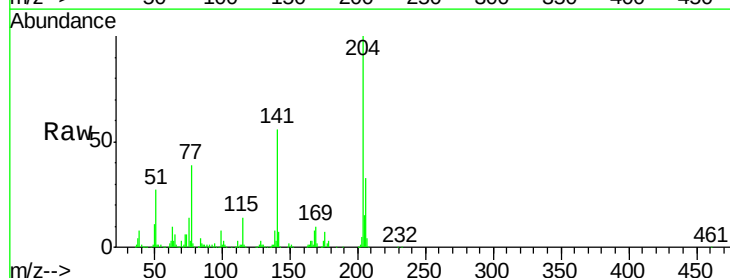
Tgt Ion:204 Resp: 226480

Ion Ratio Lower Upper

204 100

206 32.7 26.2 39.2

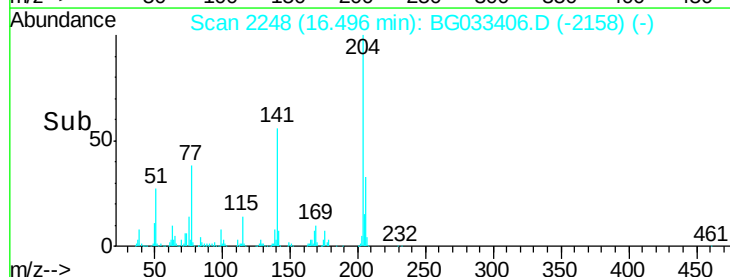
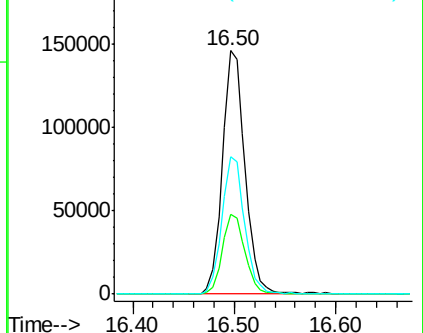
141 56.4 45.8 68.6

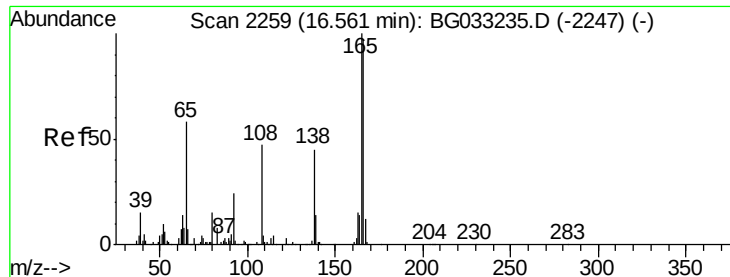


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

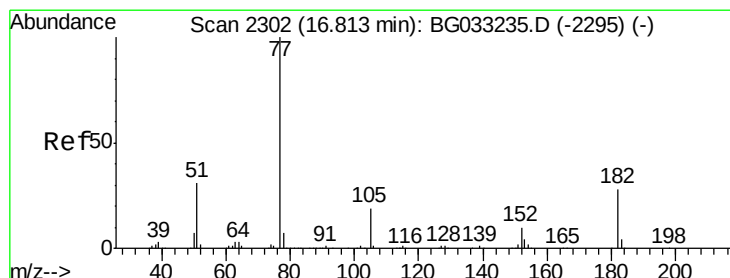
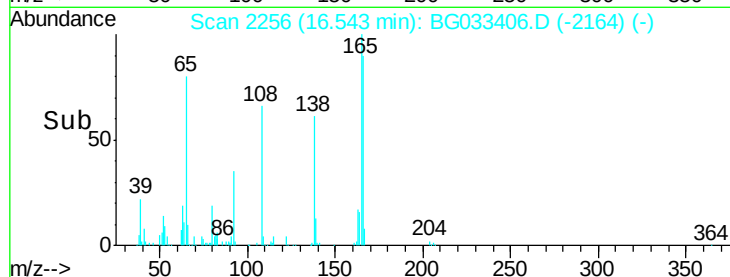
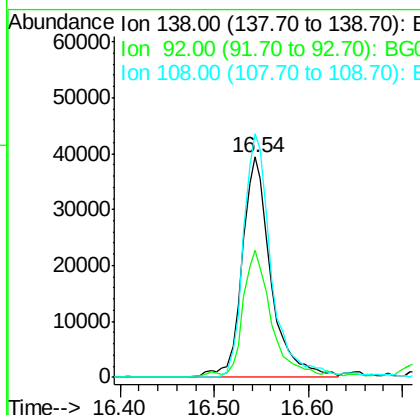
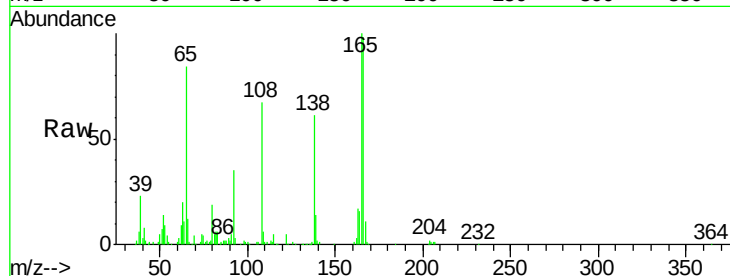




#61
4-Nitroaniline
Concen: 37.10 ng
RT: 16.54 min Scan# 2256
Delta R.T. 0.01 min
Lab File: BG033406.D
Acq: 29 Mar 2018 5:05

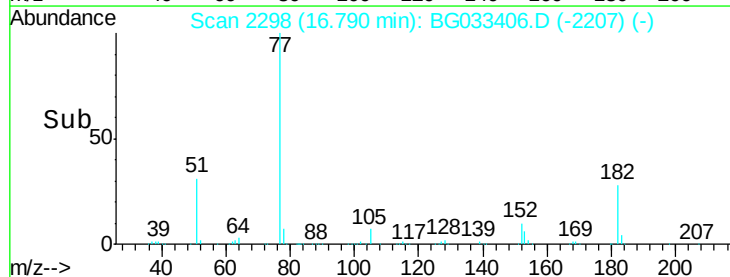
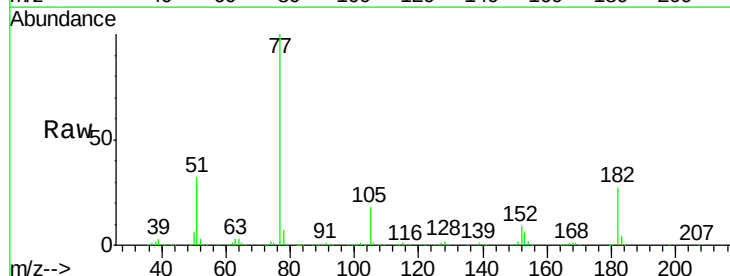
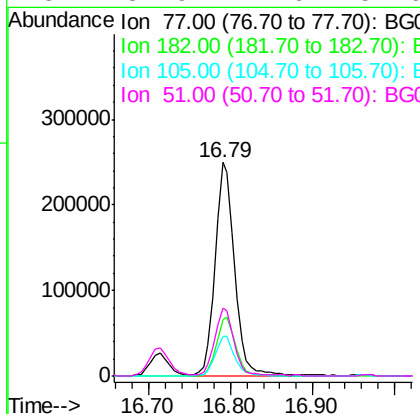
Instrument :
BNA_G
ClientSampleId :
PB107704BS

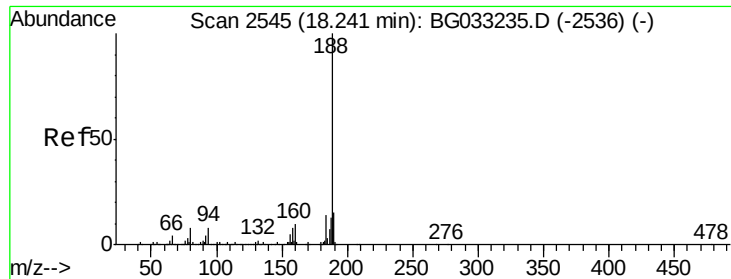
Tgt Ion:138 Resp: 83641
Ion Ratio Lower Upper
138 100
92 57.4 40.1 80.1
108 110.6 65.4 105.4#



#62
Azobenzene
Concen: 42.32 ng
RT: 16.79 min Scan# 2298
Delta R.T. 0.00 min
Lab File: BG033406.D
Acq: 29 Mar 2018 5:05

Tgt Ion: 77 Resp: 413413
Ion Ratio Lower Upper
77 100
182 26.7 7.4 47.4
105 18.3 0.3 40.3
51 31.9 11.6 51.6

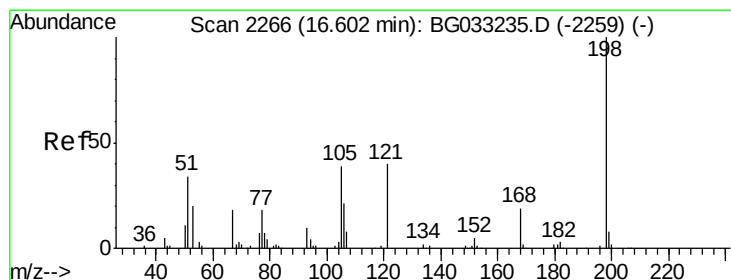
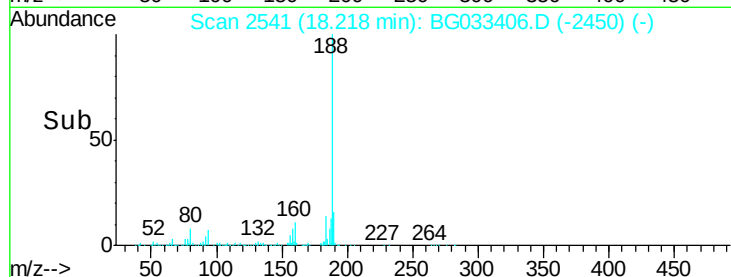
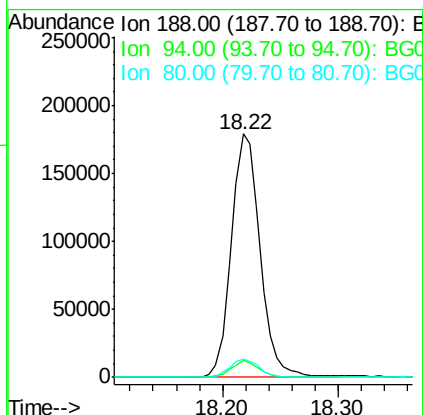
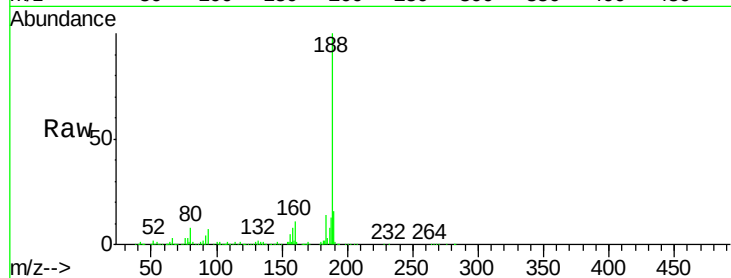




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.22 min Scan# 2541
Delta R.T. 0.00 min
Lab File: BG033406.D
Acq: 29 Mar 2018 5:05

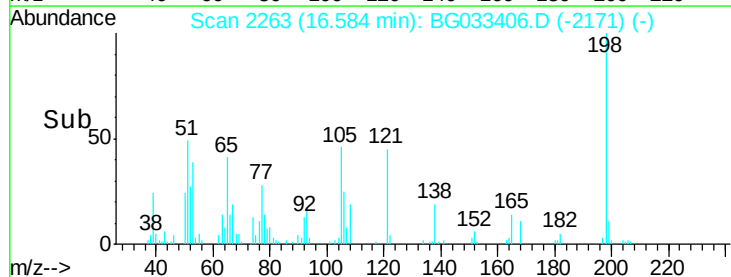
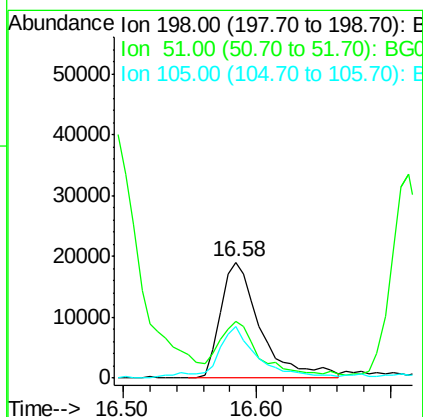
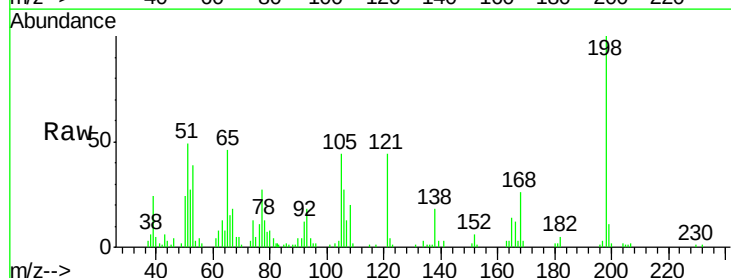
Instrument :
BNA_G
ClientSampleId :
PB107704BS

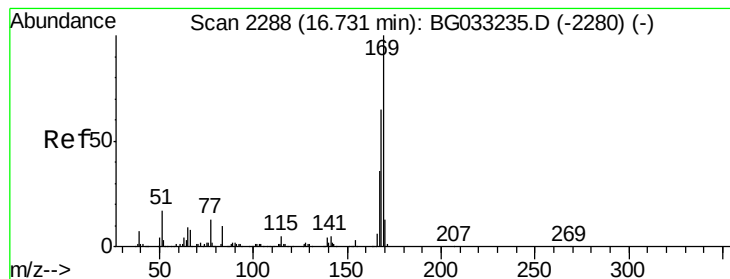
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.9	10.3
80	7.7	7.7	11.5



#64
4,6-Dinitro-2-methylphenol
Concen: 21.51 ng
RT: 16.58 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BG033406.D
Acq: 29 Mar 2018 5:05

Tgt Ion	Ratio	Lower	Upper
198	100		
51	48.8	30.6	70.6
105	44.4	23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 41.96 ng

RT: 16.71 min Scan# 2285

Delta R.T. 0.00 min

Lab File: BG033406.D

Acq: 29 Mar 2018 5:05

Instrument :

BNA_G

ClientSampleId :

PB107704BS

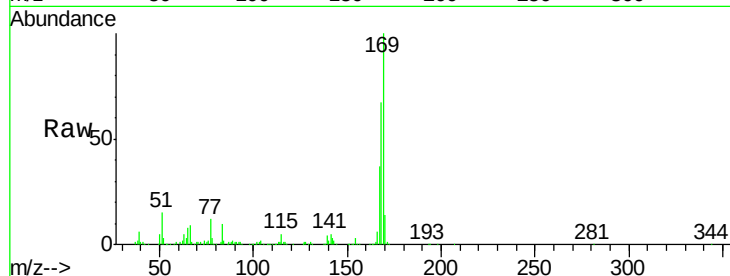
Tgt Ion:169 Resp: 370117

Ion Ratio Lower Upper

169 100

168 67.0 55.7 83.5

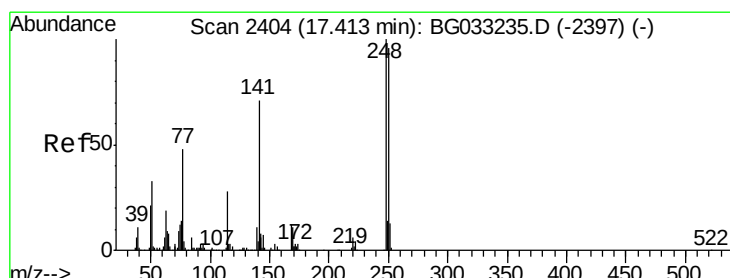
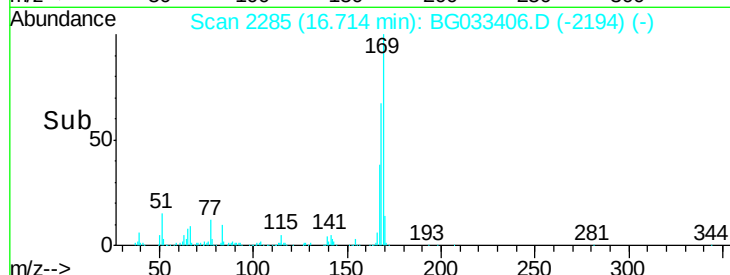
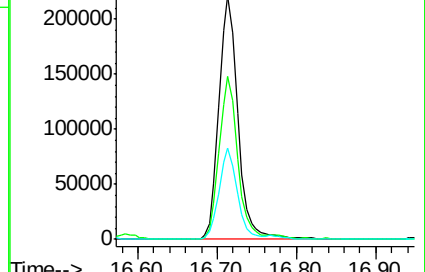
167 37.5 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.34 ng

RT: 17.39 min Scan# 2400

Delta R.T. 0.00 min

Lab File: BG033406.D

Acq: 29 Mar 2018 5:05

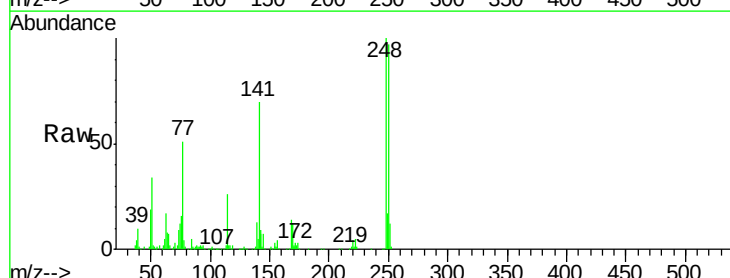
Tgt Ion:248 Resp: 153639

Ion Ratio Lower Upper

248 100

250 96.8 77.1 115.7

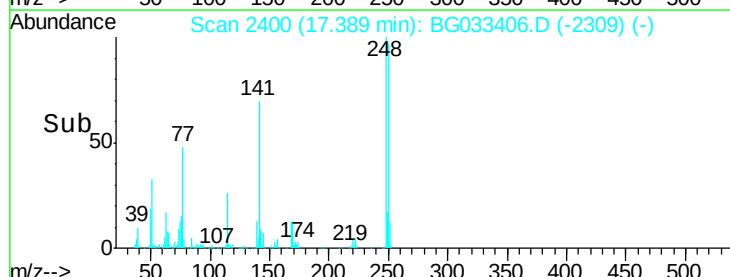
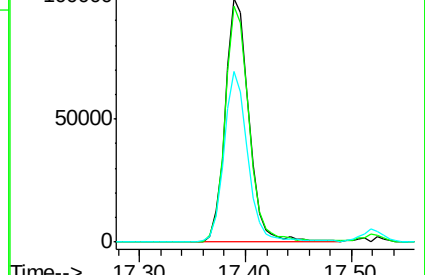
141 70.2 50.8 76.2

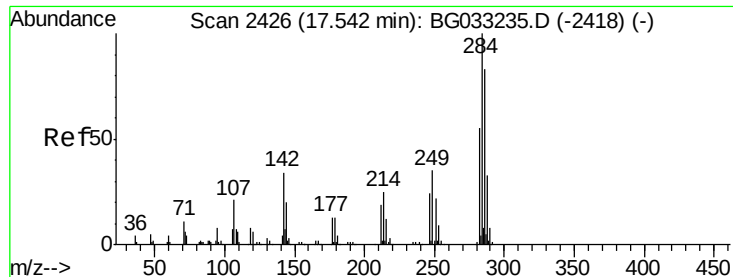


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.99 ng

RT: 17.52 min Scan# 2422

Delta R.T. -0.00 min

Lab File: BG033406.D

Acq: 29 Mar 2018 5:05

Instrument :

BNA_G

ClientSampleId :

PB107704BS

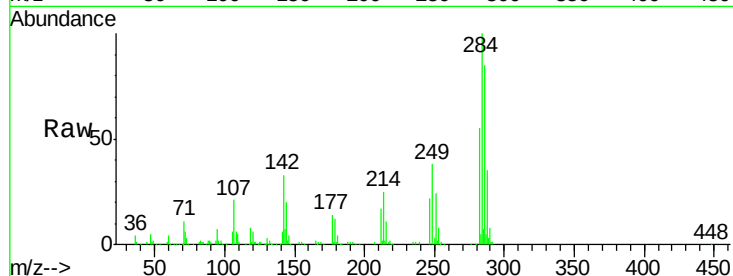
Tgt Ion:284 Resp: 153121

Ion Ratio Lower Upper

284 100

142 32.8 26.8 40.2

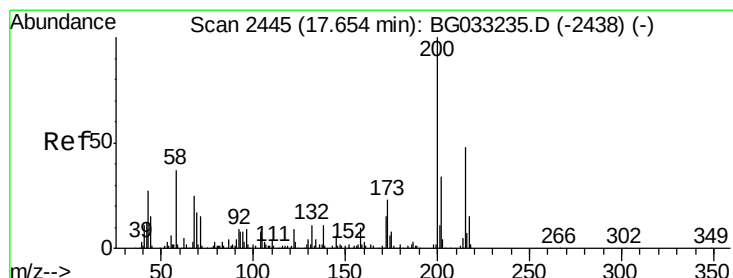
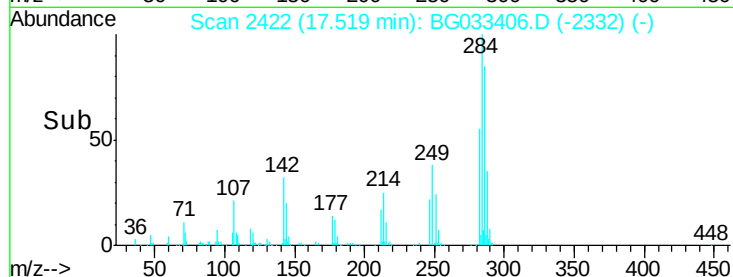
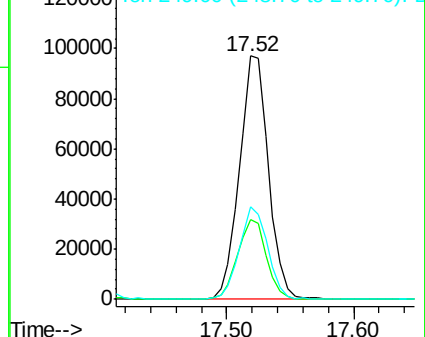
249 38.0 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 43.06 ng

RT: 17.63 min Scan# 2441

Delta R.T. 0.00 min

Lab File: BG033406.D

Acq: 29 Mar 2018 5:05

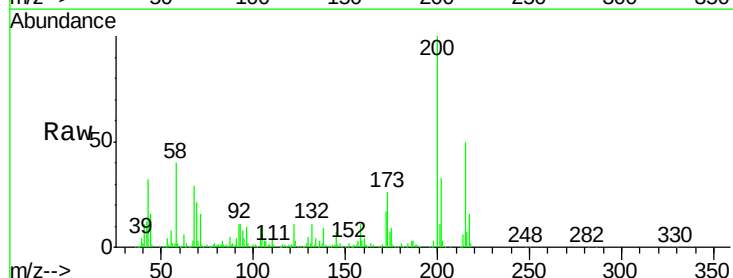
Tgt Ion:200 Resp: 153916

Ion Ratio Lower Upper

200 100

173 26.2 5.2 45.2

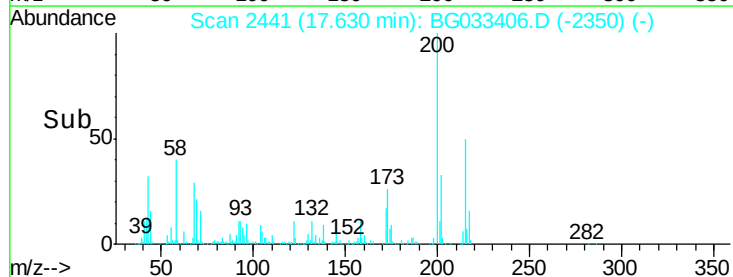
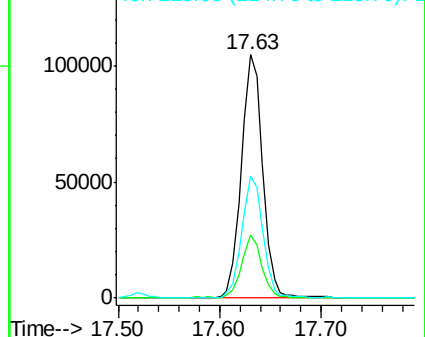
215 50.0 30.4 70.4

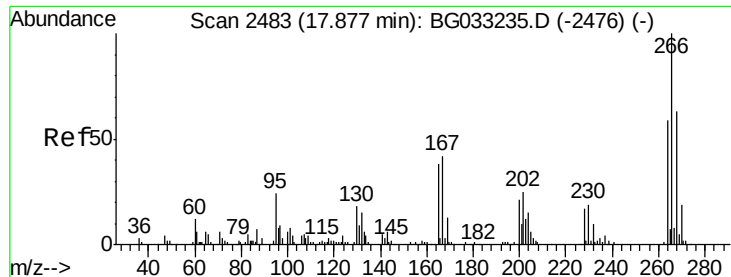


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

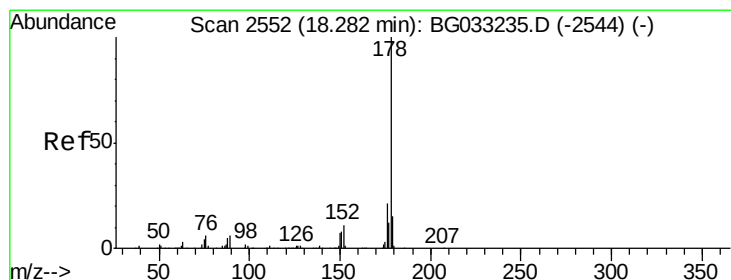
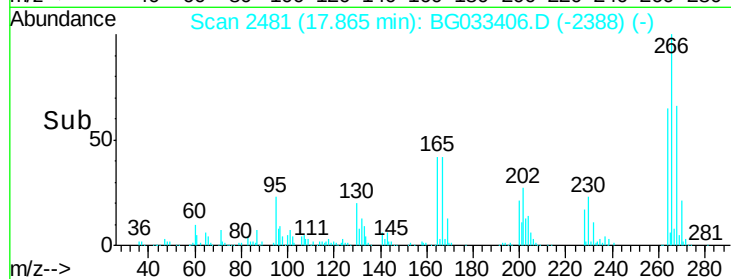
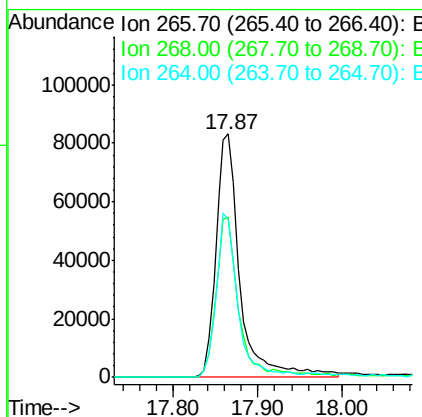
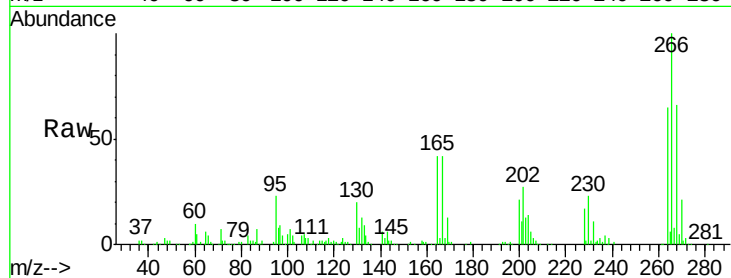




#69
 Pentachlorophenol
 Concen: 63.08 ng
 RT: 17.87 min Scan# 2481
 Delta R.T. 0.02 min
 Lab File: BG033406.D
 Acq: 29 Mar 2018 5:05

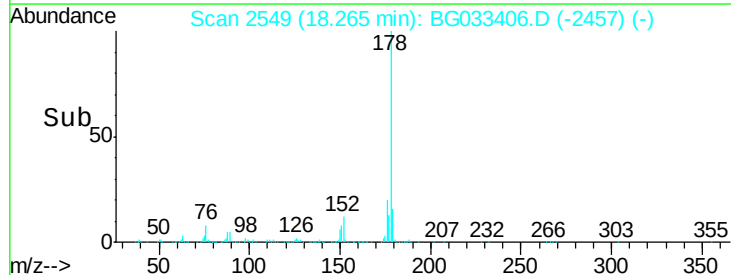
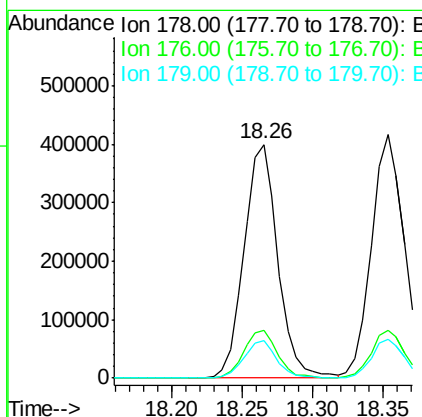
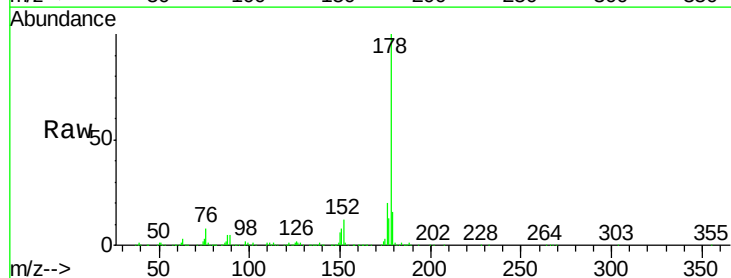
Instrument :
 BNA_G
 ClientSampleId :
 PB107704BS

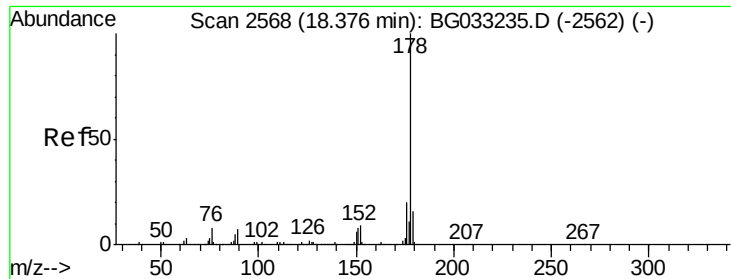
Tgt Ion:266 Resp: 165797
 Ion Ratio Lower Upper
 266 100
 268 65.9 51.1 76.7
 264 65.0 49.6 74.4



#70
 Phenanthrene
 Concen: 41.67 ng
 RT: 18.26 min Scan# 2549
 Delta R.T. 0.01 min
 Lab File: BG033406.D
 Acq: 29 Mar 2018 5:05

Tgt Ion:178 Resp: 670493
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.7 23.5
 179 15.8 12.5 18.7

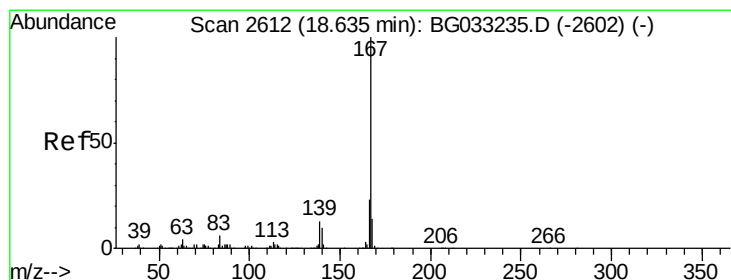
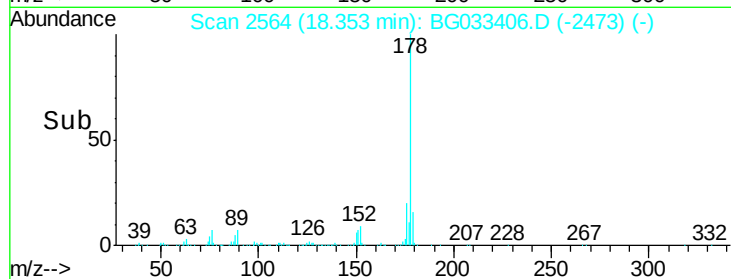
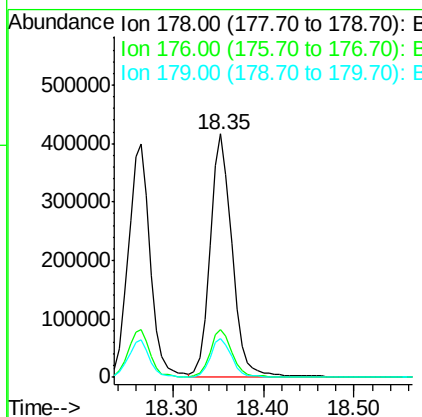
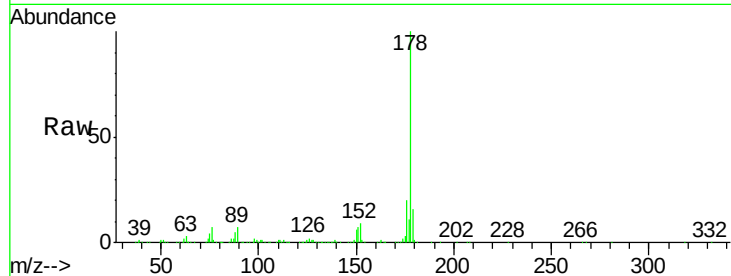




#71
 Anthracene
 Concen: 42.68 ng
 RT: 18.35 min Scan# 2564
 Delta R.T. 0.00 min
 Lab File: BG033406.D
 Acq: 29 Mar 2018 5:05

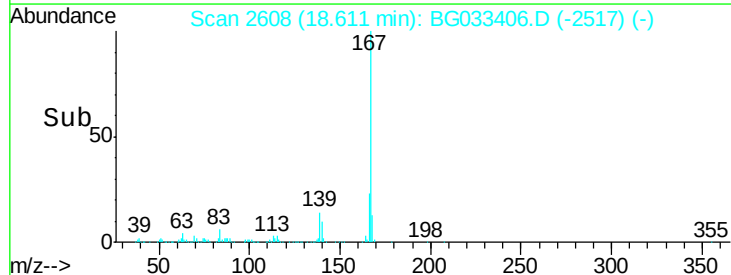
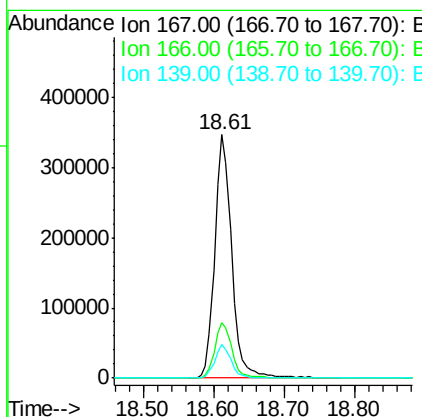
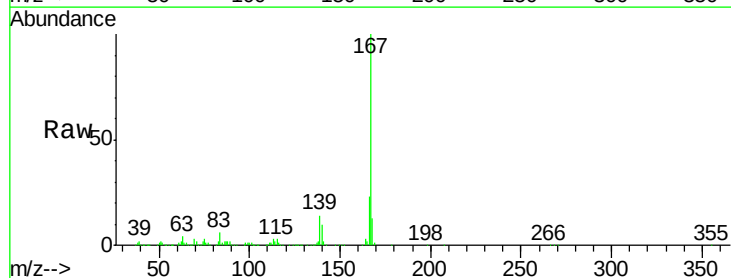
Instrument :
 BNA_G
 ClientSampleId :
 PB107704BS

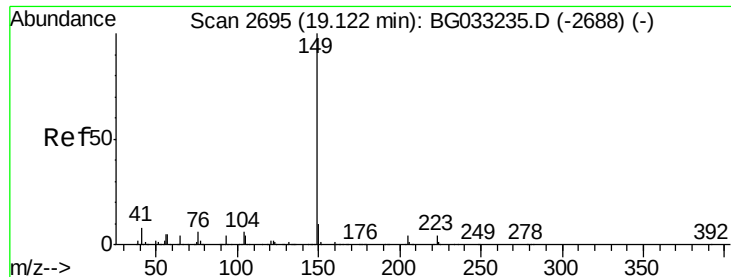
Tgt Ion:178 Resp: 695339
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.0 24.0
 179 16.0 12.5 18.7



#72
 Carbazole
 Concen: 40.23 ng
 RT: 18.61 min Scan# 2608
 Delta R.T. 0.00 min
 Lab File: BG033406.D
 Acq: 29 Mar 2018 5:05

Tgt Ion:167 Resp: 580786
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.2 27.4
 139 13.7 9.4 14.2





#73

Di-n-butylphthalate

Concen: 42.29 ng

RT: 19.11 min Scan# 2692

Delta R.T. 0.00 min

Lab File: BG033406.D

Acq: 29 Mar 2018 5:05

Instrument :

BNA_G

ClientSampleId :

PB107704BS

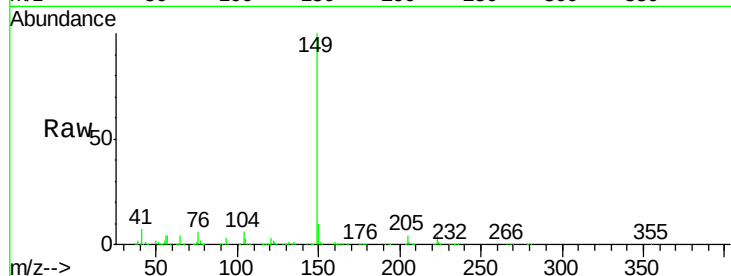
Tgt Ion:149 Resp: 710604

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

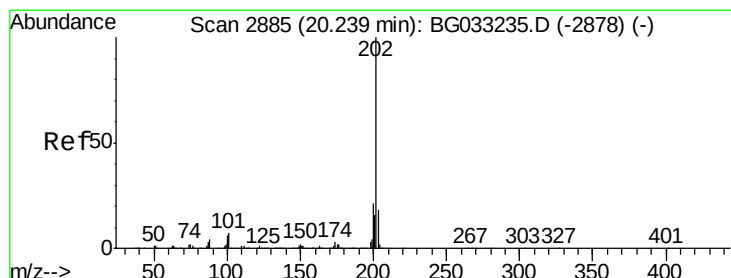
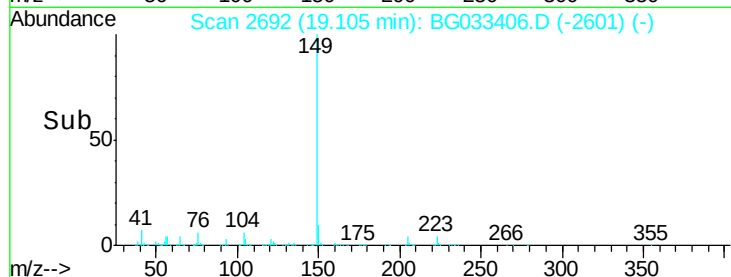
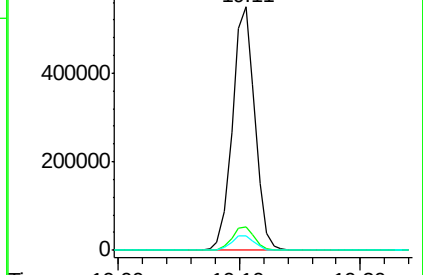
104 6.1 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.43 ng

RT: 20.22 min Scan# 2881

Delta R.T. 0.00 min

Lab File: BG033406.D

Acq: 29 Mar 2018 5:05

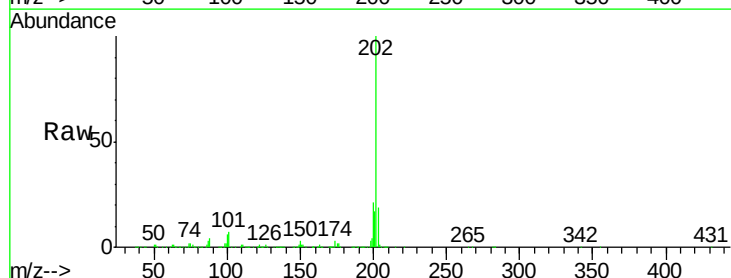
Tgt Ion:202 Resp: 824923

Ion Ratio Lower Upper

202 100

101 6.7 0.0 28.9

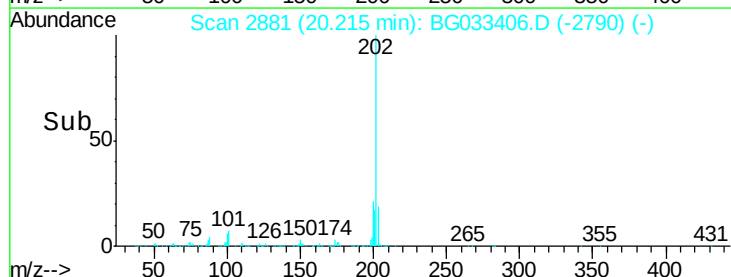
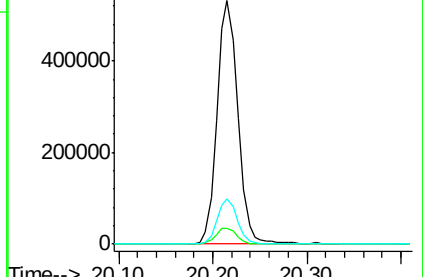
203 18.6 0.0 37.5

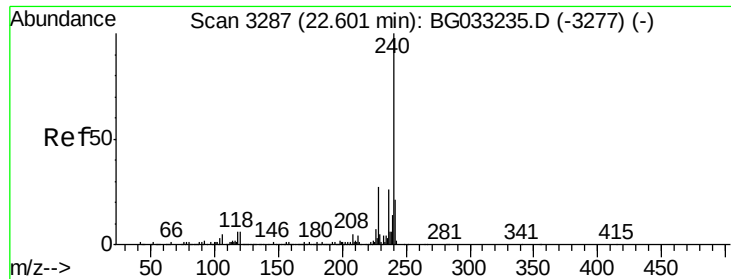


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.57 min Scan# 3281

Delta R.T. 0.00 min

Lab File: BG033406.D

Acq: 29 Mar 2018 5:05

Instrument :

BNA_G

ClientSampleId :

PB107704BS

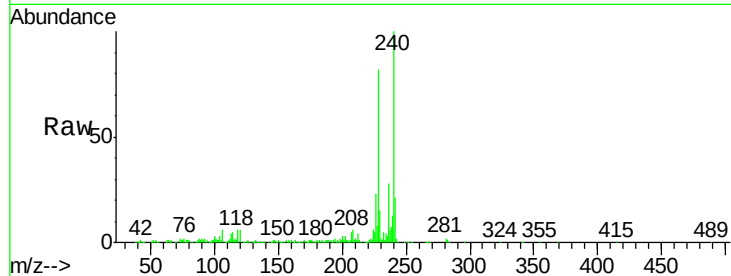
Tgt Ion:240 Resp: 321223

Ion Ratio Lower Upper

240 100

120 5.9 6.8 10.2#

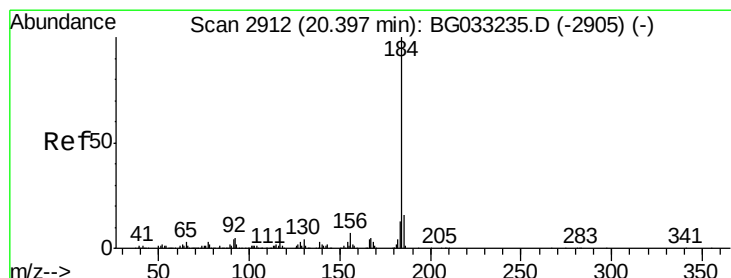
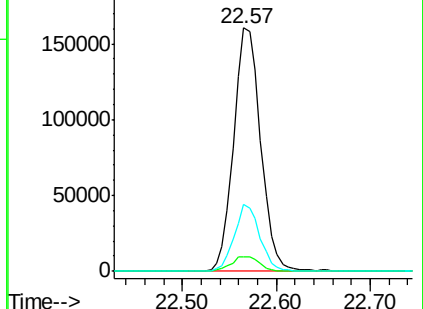
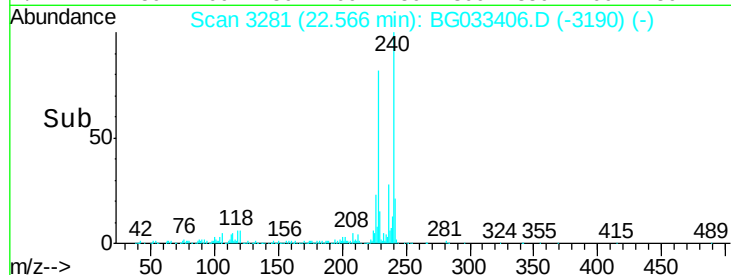
236 27.7 20.9 31.3



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: 19.51 ng

RT: 20.37 min Scan# 2908

Delta R.T. 0.00 min

Lab File: BG033406.D

Acq: 29 Mar 2018 5:05

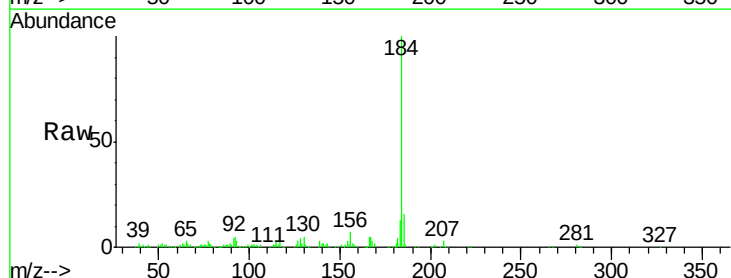
Tgt Ion:184 Resp: 169926

Ion Ratio Lower Upper

184 100

185 16.2 11.1 16.7

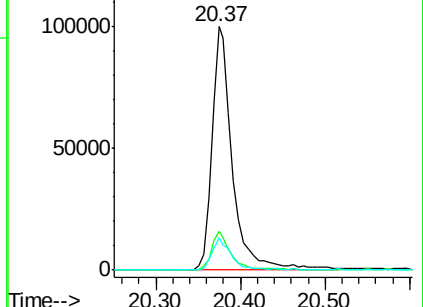
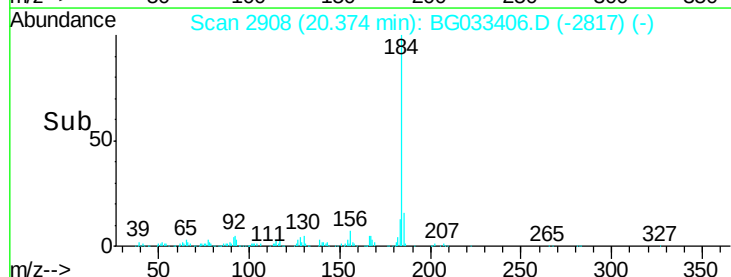
183 13.3 10.6 16.0

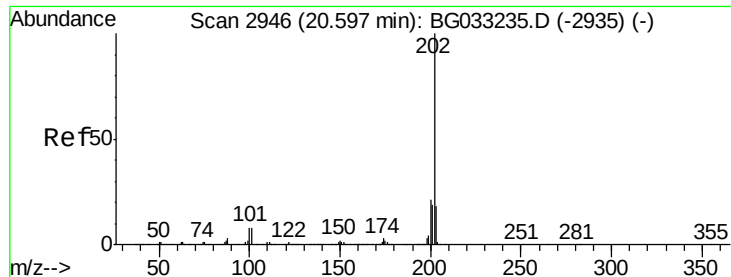


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

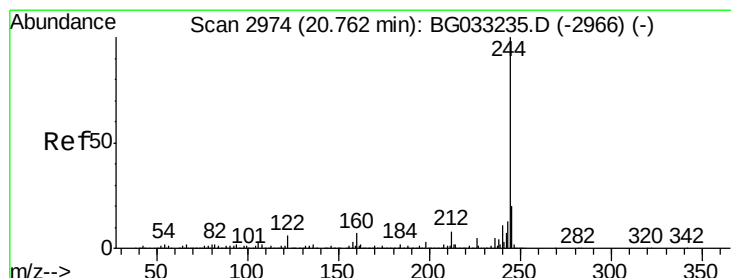
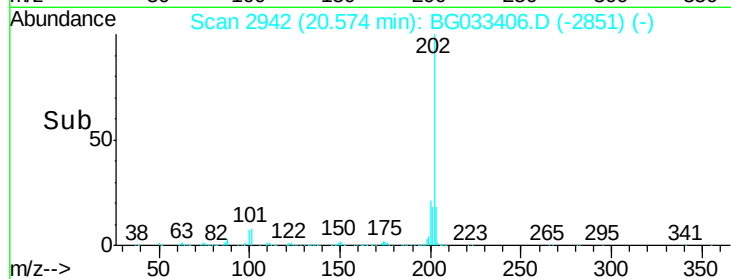
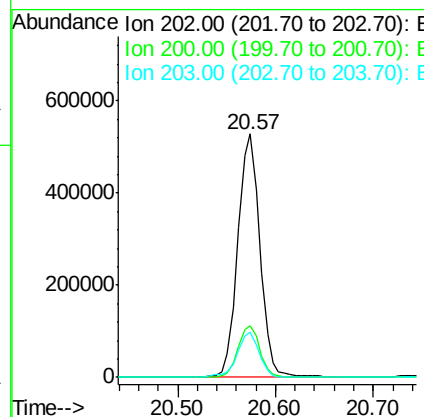
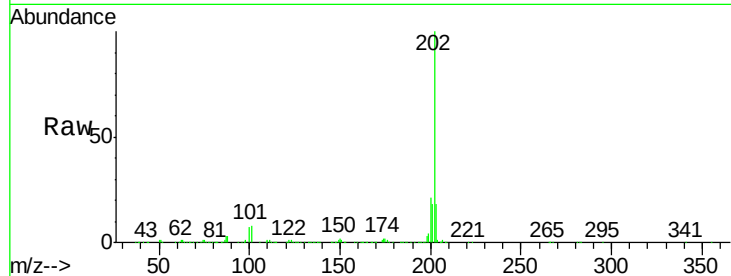




#77
 Pyrene
 Concen: 38.74 ng
 RT: 20.57 min Scan# 2942
 Delta R.T. 0.00 min
 Lab File: BG033406.D
 Acq: 29 Mar 2018 5:05

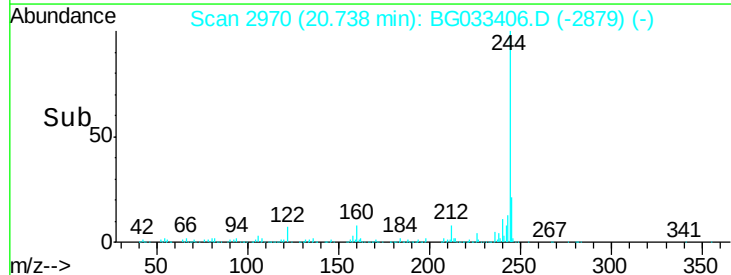
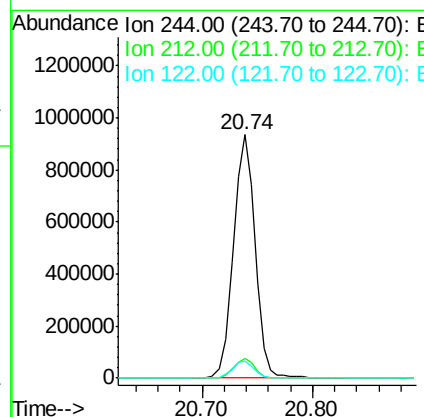
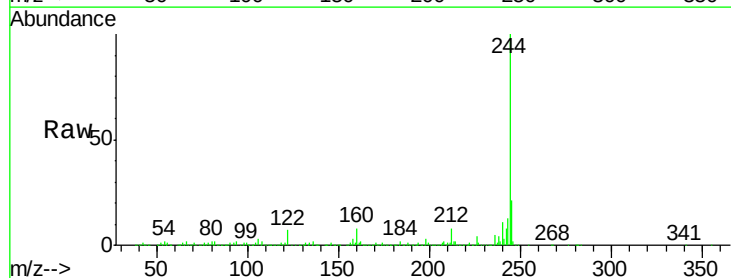
Instrument :
 BNA_G
 ClientSampleId :
 PB107704BS

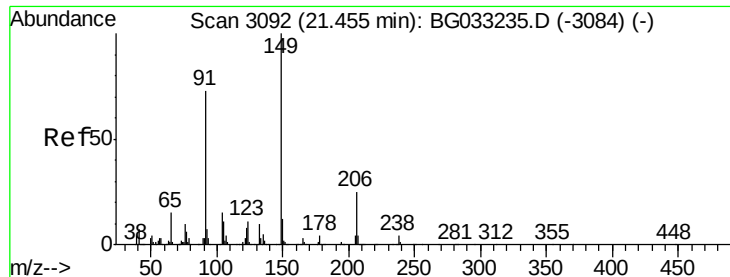
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.9	25.3
203	18.4	13.9	20.9



#78
 Terphenyl-d14
 Concen: 85.78 ng
 RT: 20.74 min Scan# 2970
 Delta R.T. 0.00 min
 Lab File: BG033406.D
 Acq: 29 Mar 2018 5:05

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.8	8.8
122	7.0	7.0	10.4

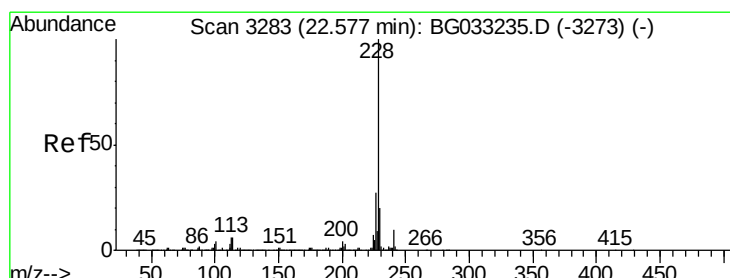
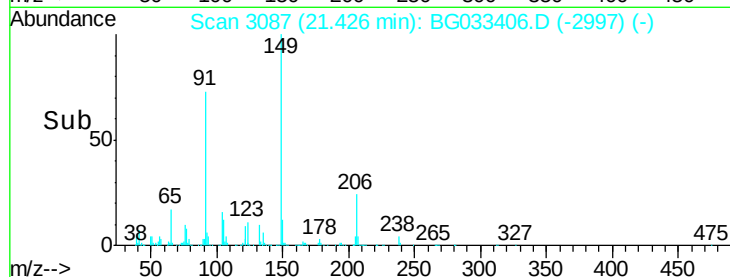
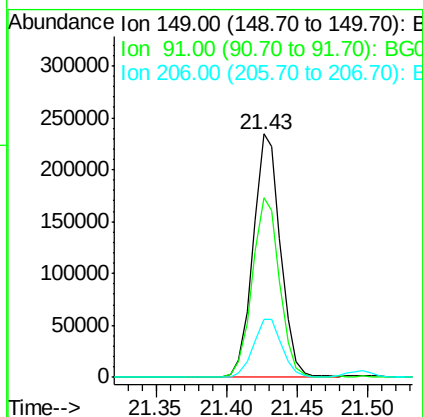
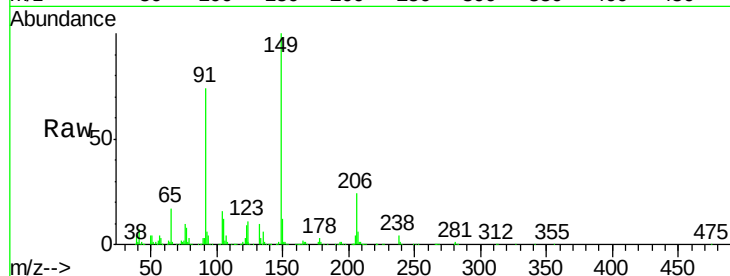




#79
Butylbenzylphthalate
Concen: 40.43 ng
RT: 21.43 min Scan# 3087
Delta R.T. -0.00 min
Lab File: BG033406.D
Acq: 29 Mar 2018 5:05

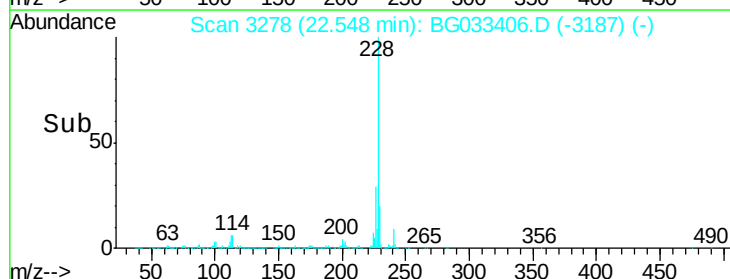
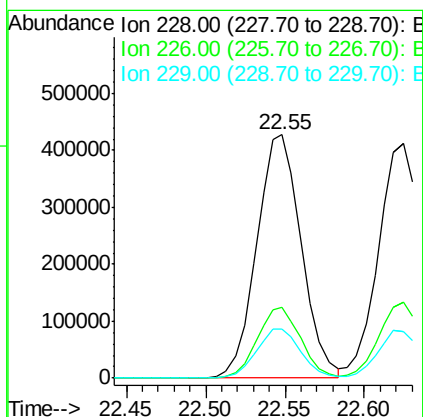
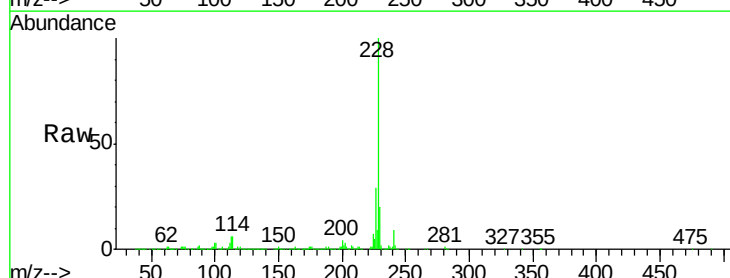
Instrument :
BNA_G
ClientSampleId :
PB107704BS

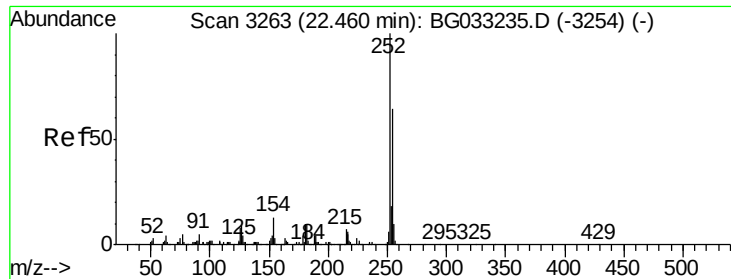
Tgt Ion:149 Resp: 319663
Ion Ratio Lower Upper
149 100
91 73.5 62.2 93.2
206 23.7 18.6 27.8



#80
Benzo(a)anthracene
Concen: 40.70 ng
RT: 22.55 min Scan# 3278
Delta R.T. 0.00 min
Lab File: BG033406.D
Acq: 29 Mar 2018 5:05

Tgt Ion:228 Resp: 832520
Ion Ratio Lower Upper
228 100
226 28.8 22.7 34.1
229 20.3 16.2 24.2

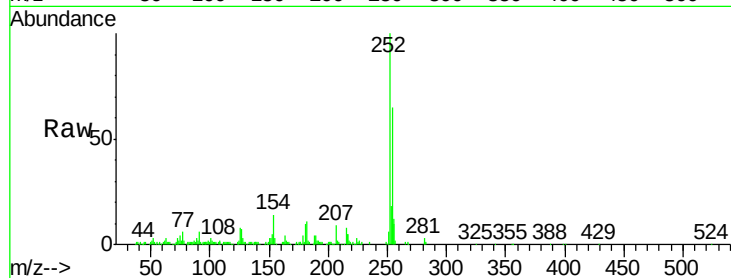




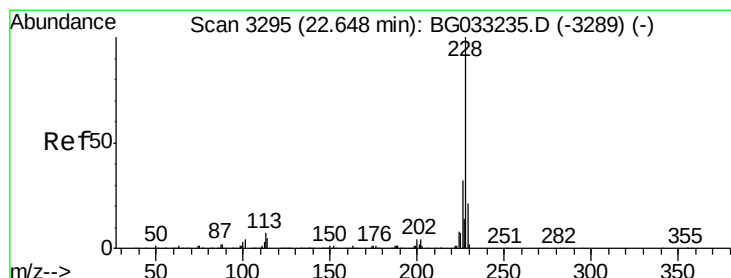
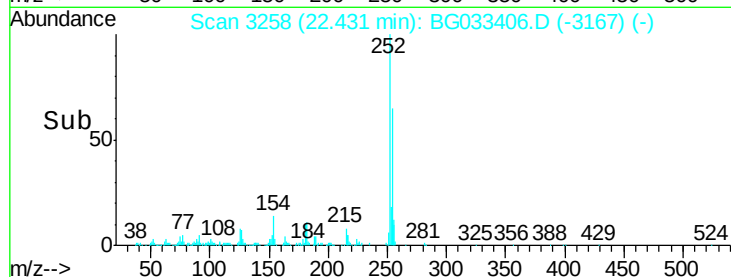
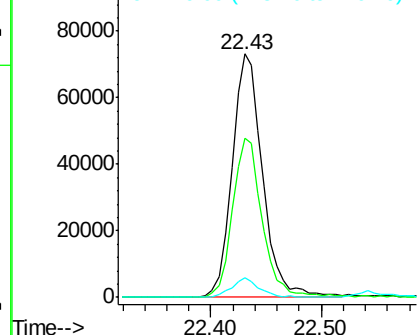
#81
 3,3'-Dichlorobenzidine
 Concen: 19.35 ng
 RT: 22.43 min Scan# 3258
 Delta R.T. 0.00 min
 Lab File: BG033406.D
 Acq: 29 Mar 2018 5:05

Instrument :
 BNA_G
 ClientSampleId :
 PB107704BS

Tgt Ion:252 Resp: 140857
 Ion Ratio Lower Upper
 252 100
 254 65.1 50.8 76.2
 126 7.8 7.4 11.2

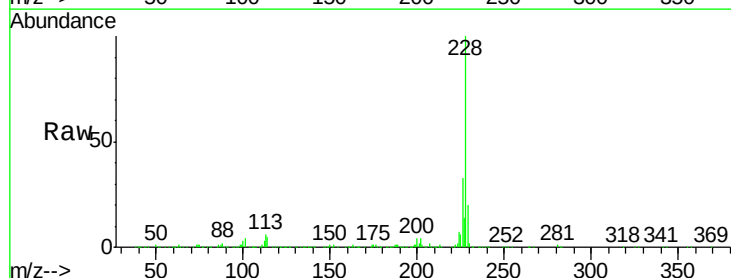


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

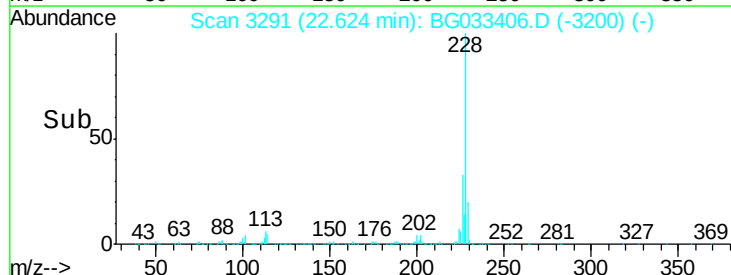
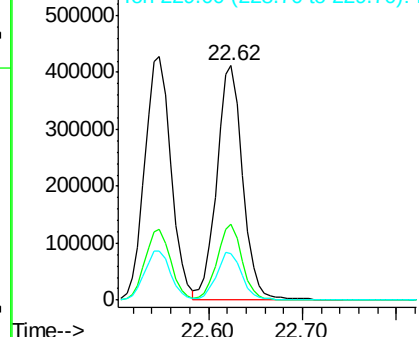


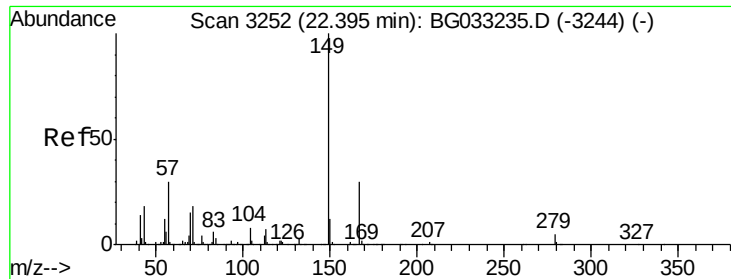
#82
 Chrysene
 Concen: 40.01 ng
 RT: 22.62 min Scan# 3291
 Delta R.T. 0.00 min
 Lab File: BG033406.D
 Acq: 29 Mar 2018 5:05

Tgt Ion:228 Resp: 792186
 Ion Ratio Lower Upper
 228 100
 226 32.6 24.9 37.3
 229 19.9 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

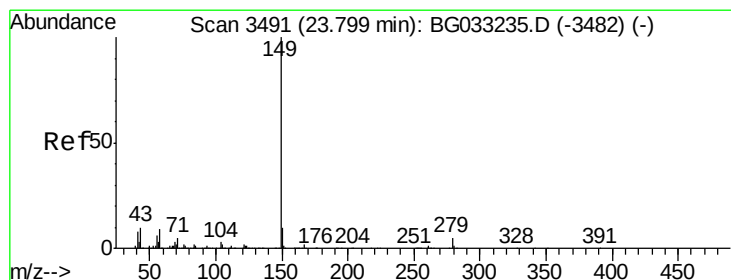
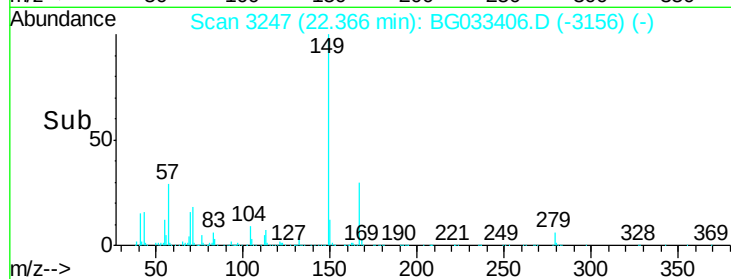
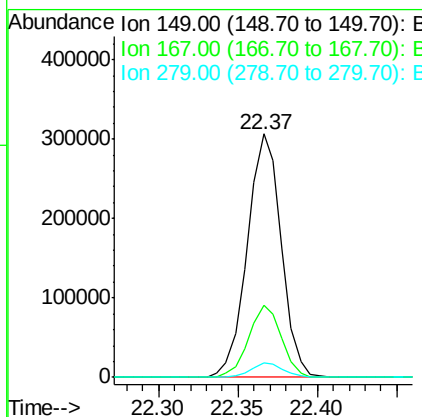
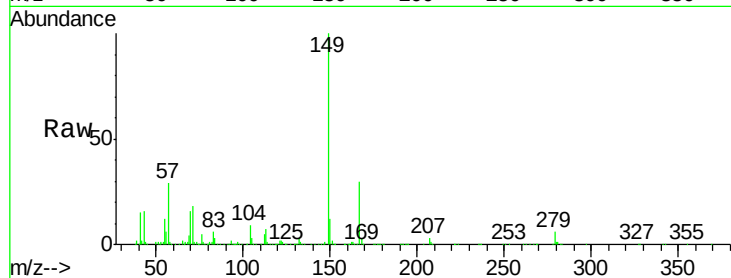




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.67 ng
 RT: 22.37 min Scan# 3247
 Delta R.T. 0.00 min
 Lab File: BG033406.D
 Acq: 29 Mar 2018 5:05

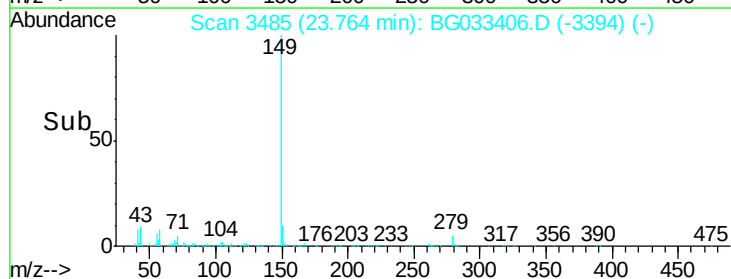
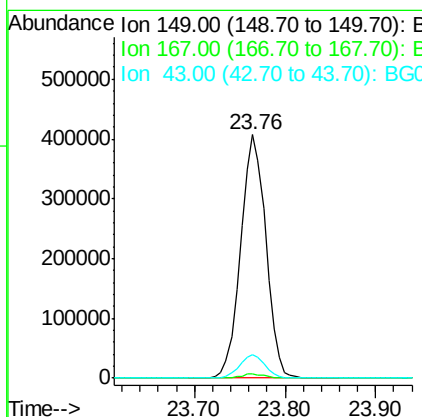
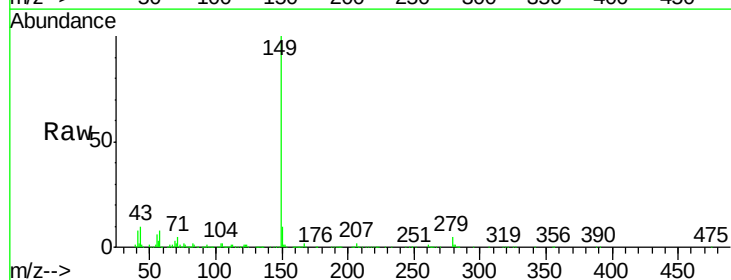
Instrument :
 BNA_G
 ClientSampleId :
 PB107704BS

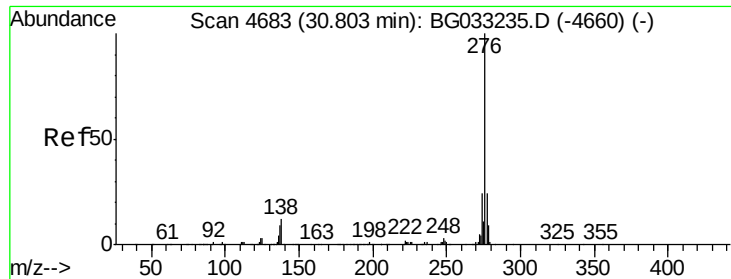
Tgt Ion:149 Resp: 454108
 Ion Ratio Lower Upper
 149 100
 167 29.8 24.3 36.5
 279 5.9 4.0 6.0



#84
 Di-n-octyl phthalate
 Concen: 46.91 ng
 RT: 23.76 min Scan# 3485
 Delta R.T. 0.00 min
 Lab File: BG033406.D
 Acq: 29 Mar 2018 5:05

Tgt Ion:149 Resp: 782713
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.0
 43 9.6 8.9 13.3

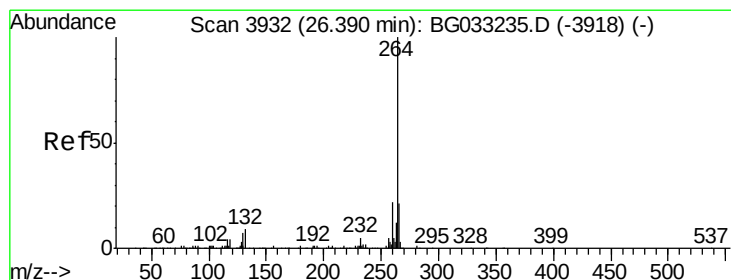
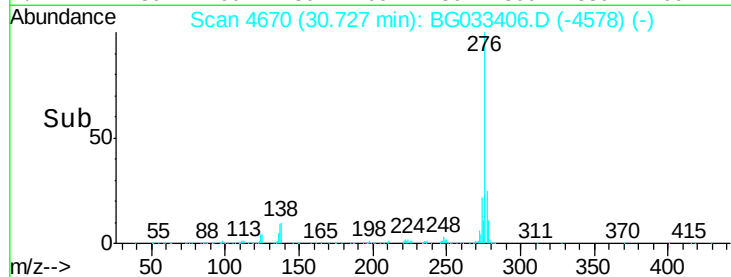
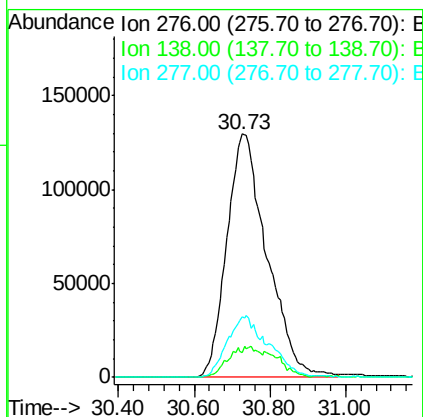
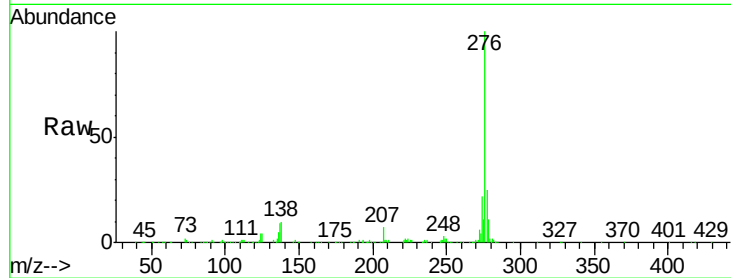




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.64 ng
 RT: 30.73 min Scan# 4670
 Delta R.T. 0.01 min
 Lab File: BG033406.D
 Acq: 29 Mar 2018 5:05

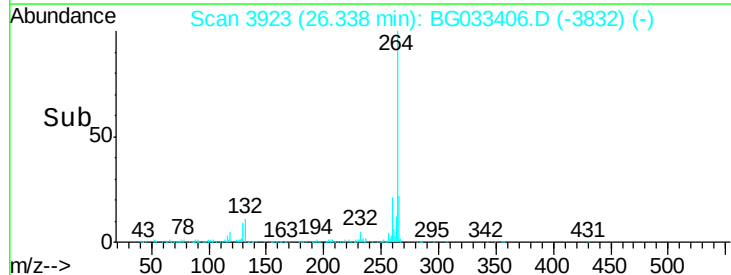
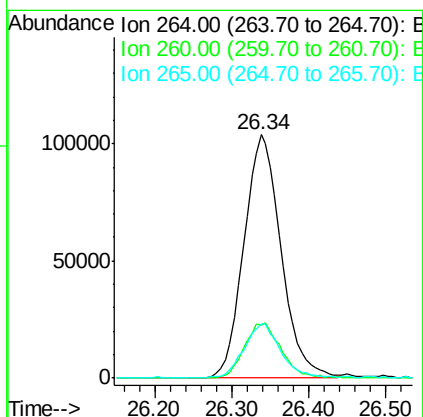
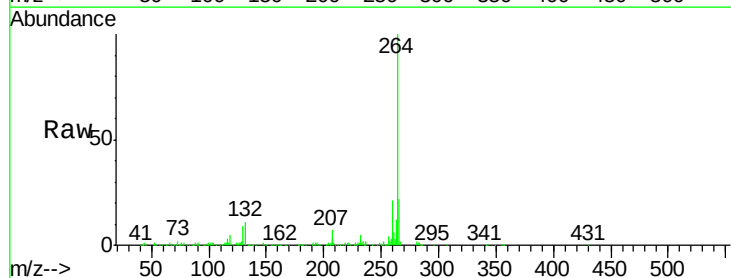
Instrument :
 BNA_G
 ClientSampleId :
 PB107704BS

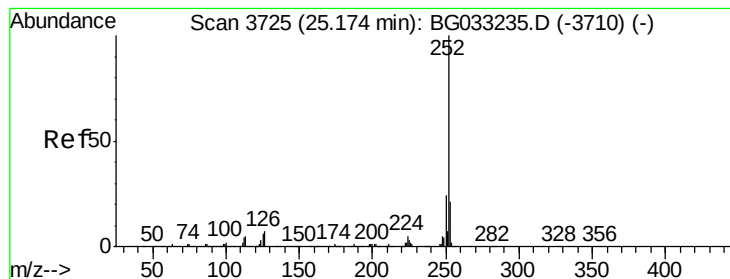
Tgt Ion	Ratio	Lower	Upper
276	100		
138	4.9	16.0	24.0#
277	0.0	20.0	30.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 26.34 min Scan# 3923
 Delta R.T. 0.00 min
 Lab File: BG033406.D
 Acq: 29 Mar 2018 5:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.5	17.4	26.0
265	22.1	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 41.61 ng

RT: 25.13 min Scan# 3717

Delta R.T. 0.01 min

Lab File: BG033406.D

Acq: 29 Mar 2018 5:05

Instrument :

BNA_G

ClientSampleId :

PB107704BS

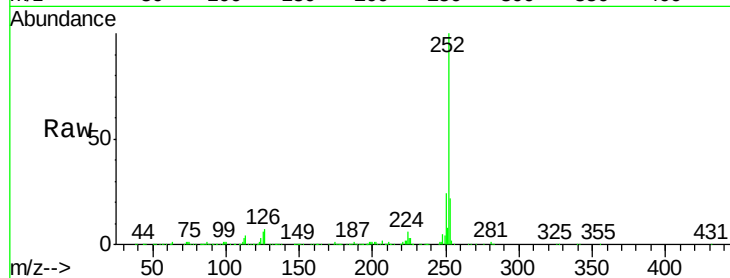
Tgt Ion:252 Resp: 842563

Ion Ratio Lower Upper

252 100

253 21.5 18.2 27.4

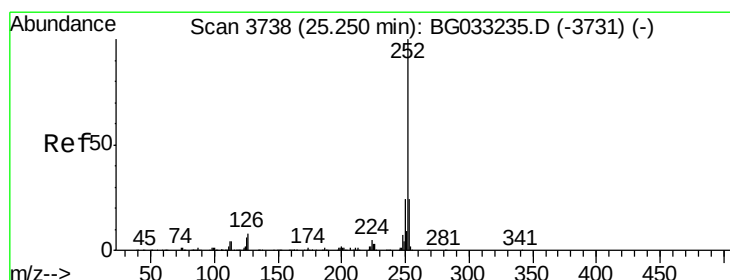
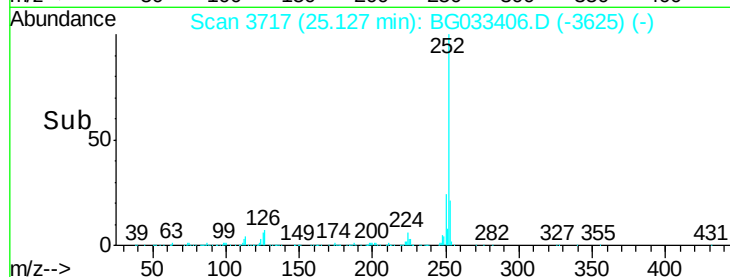
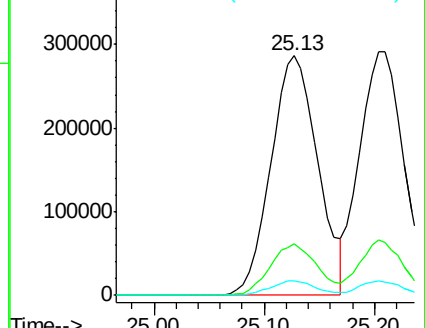
125 6.0 7.2 10.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 40.38 ng

RT: 25.20 min Scan# 3730

Delta R.T. 0.00 min

Lab File: BG033406.D

Acq: 29 Mar 2018 5:05

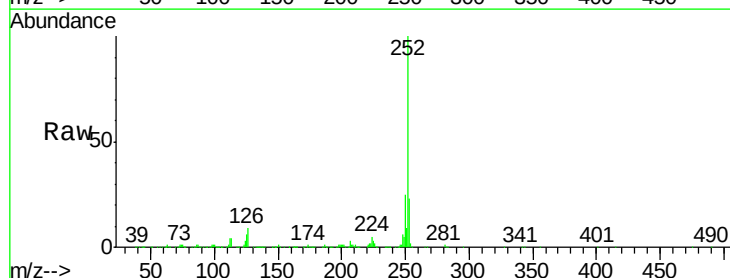
Tgt Ion:252 Resp: 827010

Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.2

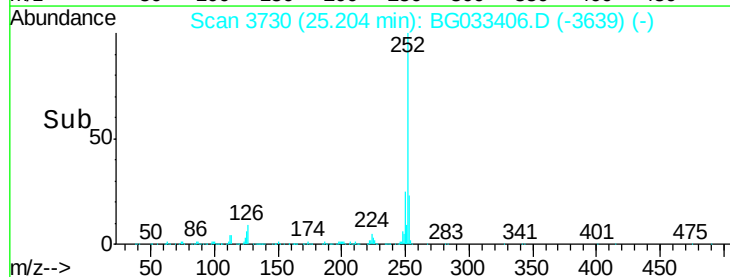
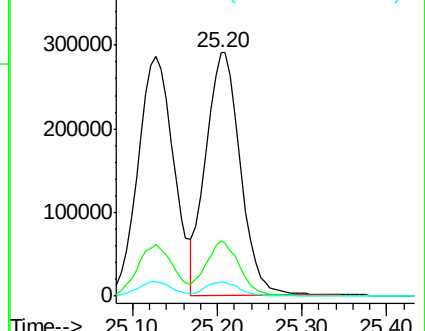
125 5.8 6.6 9.8#

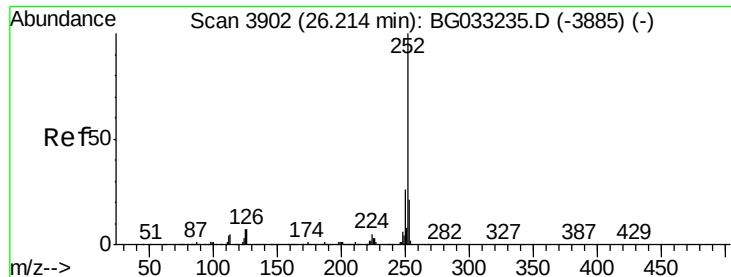


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 42.16 ng

RT: 26.16 min Scan# 3893

Delta R.T. 0.01 min

Lab File: BG033406.D

Acq: 29 Mar 2018 5:05

Instrument :

BNA_G

ClientSampleId :

PB107704BS

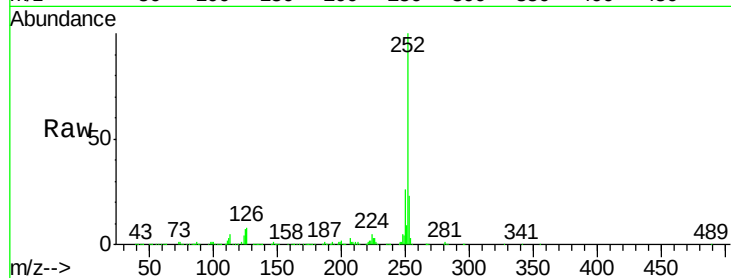
Tgt Ion:252 Resp: 819897

Ion Ratio Lower Upper

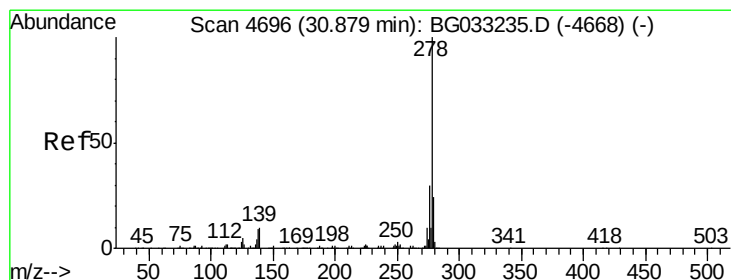
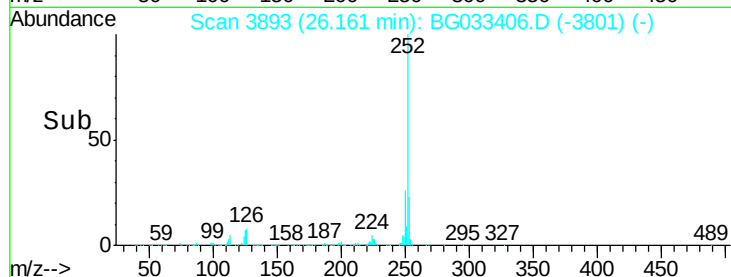
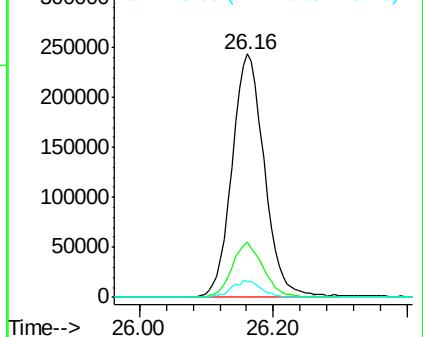
252 100

253 23.0 18.3 27.5

125 6.7 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: 43.21 ng

RT: 30.81 min Scan# 4685

Delta R.T. 0.03 min

Lab File: BG033406.D

Acq: 29 Mar 2018 5:05

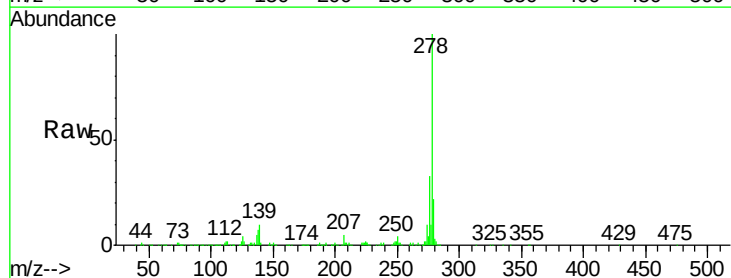
Tgt Ion:278 Resp: 791509

Ion Ratio Lower Upper

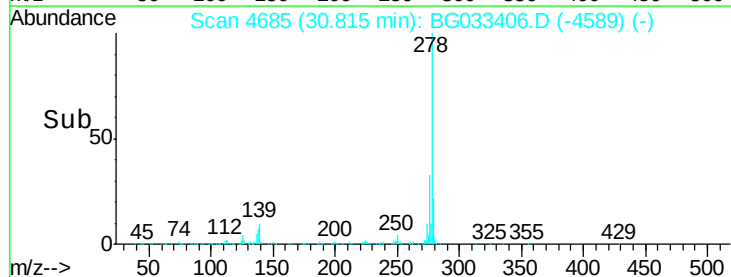
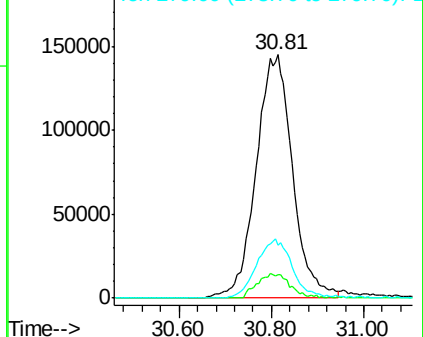
278 100

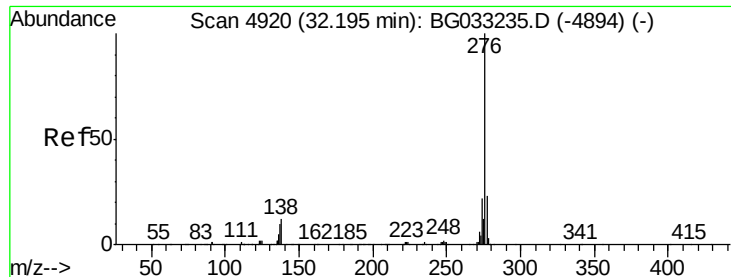
139 9.7 9.8 14.6#

279 21.7 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

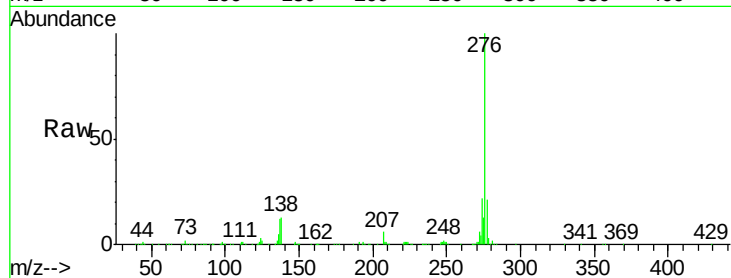




#91
 Benzo(g,h,i)perylene
 Concen: 43.29 ng
 RT: 32.10 min Scan# 4904
 Delta R.T. 0.02 min
 Lab File: BG033406.D
 Acq: 29 Mar 2018 5:05

Instrument :
 BNA_G
 ClientSampleId :
 PB107704BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	21.4	18.3	27.5
138	13.1	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

