

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040218\
 Data File : BG033490.D
 Acq On : 2 Apr 2018 16:54
 Operator : SJ/JU
 Sample : PB107874BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107874BS

Quant Time: Apr 03 03:59:30 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	8.86	152	38069	20.00	ng	-0.01
21) Naphthalene-d8	11.75	136	170672	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	129394	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	346379	20.00	ng	0.00
75) Chrysene-d12	22.56	240	352612	20.00	ng	0.00
86) Perylene-d12	26.33	264	378670	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.29	112	353370	174.06	ng	0.00
7) Phenol-d6	7.98	99	551490	158.10	ng	0.00
23) Nitrobenzene-d5	10.07	82	345539	93.02	ng	0.00
41) 2,4,6-Tribromophenol	16.96	330	274581	141.88	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	839402	93.65	ng	0.00
78) Terphenyl-d14	20.73	244	1544411	93.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.92	88	38794	37.627	ng	91
3) Pyridine	4.38	79	113681	39.887	ng	95
4) n-Nitrosodimethylamine	4.29	42	59495	50.867	ng	# 86
6) Aniline	8.16	93	36730	8.954	ng	# 87
8) 2-Chlorophenol	8.41	128	127021	54.727	ng	97
9) Benzaldehyde	7.96	77	48828	22.026	ng	93
10) Phenol	8.01	94	182540	53.001	ng	94
11) bis(2-Chloroethyl)ether	8.25	93	112931	40.172	ng	97
12) 1,3-Dichlorobenzene	8.75	146	131514	43.341	ng	96
13) 1,4-Dichlorobenzene	8.90	146	132592	43.631	ng	98
14) 1,2-Dichlorobenzene	9.23	146	133157	44.895	ng	99
15) Benzyl Alcohol	9.10	79	141807	51.632	ng	89
16) 2,2'-oxybis(1-Chloropropan	9.38	45	210023	45.829	ng	88
17) 2-Methylphenol	9.30	107	115438	49.202	ng	# 90
18) Hexachloroethane	9.98	117	52657	44.895	ng	95
19) n-Nitroso-di-n-propylamine	9.67	70	114502	44.795	ng	# 96
20) 3+4-Methylphenols	9.64	107	164239	49.166	ng	95
22) Acetophenone	9.70	105	201947	43.190	ng	# 98
24) Nitrobenzene	10.11	77	174287	43.833	ng	95
25) Isophorone	10.63	82	335584	46.545	ng	98
26) 2-Nitrophenol	10.83	139	74758	49.661	ng	# 88
27) 2,4-Dimethylphenol	10.87	122	124292	56.836	ng	92
28) bis(2-Chloroethoxy)methane	11.11	93	173875	48.335	ng	98
29) 2,4-Dichlorophenol	11.38	162	145282	54.021	ng	97
30) 1,2,4-Trichlorobenzene	11.60	180	149565	42.804	ng	96
31) Naphthalene	11.80	128	402605	45.522	ng	98
32) Benzoic acid	11.00	122	53962	26.544	ng	90
33) 4-Chloroaniline	11.90	127	31561	7.965	ng	# 87
34) Hexachlorobutadiene	12.05	225	108091	40.907	ng	97
35) Caprolactam	12.65	113	55257	52.446	ng	99
36) 4-Chloro-3-methylphenol	12.96	107	179647	51.216	ng	90
37) 2-Methylnaphthalene	13.35	142	307630	44.814	ng	90
39) 1,2,4,5-Tetrachlorobenzene	13.71	216	202164	43.133	ng	# 98
40) Hexachlorocyclopentadiene	13.68	237	257990	93.895	ng	89

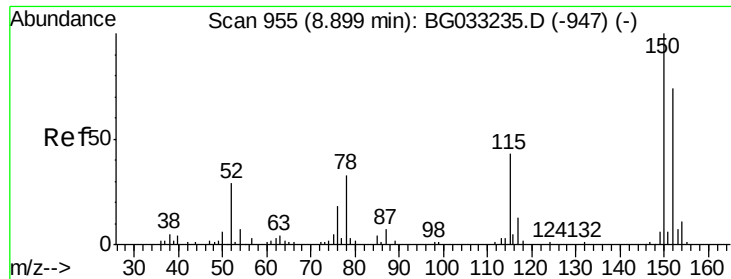
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040218\
 Data File : BG033490.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	134432	49.366	ng	99
43) 2,4,5-Trichlorophenol	14.01	196	156295	48.557	ng	97
45) 1,1'-Biphenyl	14.32	154	447312	44.997	ng	98
46) 2-Chloronaphthalene	14.38	162	338382	44.146	ng	97
47) 2-Nitroaniline	14.57	65	135357	47.147	ng	97
48) Acenaphthylene	15.22	152	559384	43.721	ng	98
49) Dimethylphthalate	14.91	163	490702	43.576	ng	98
50) 2,6-Dinitrotoluene	15.04	165	109398	47.512	ng	97
51) Acenaphthene	15.54	154	408164	49.488	ng	96
52) 3-Nitroaniline	15.38	138	26986	11.179	ng	# 89
53) 2,4-Dinitrophenol	15.58	184	100384	83.788	ng	# 74
54) Dibenzofuran	15.87	168	557283	45.743	ng	93
55) 4-Nitrophenol	15.67	139	169964	100.130	ng	# 84
56) 2,4-Dinitrotoluene	15.82	165	158471	46.744	ng	# 96
57) Fluorene	16.52	166	467906	45.082	ng	98
58) 2,3,4,6-Tetrachlorophenol	16.09	232	148699	49.072	ng	99
59) Diethylphthalate	16.24	149	496512	45.408	ng	97
60) 4-Chlorophenyl-phenylether	16.49	204	263166	44.108	ng	98
61) 4-Nitroaniline	16.53	138	88802	36.327	ng	90
62) Azobenzene	16.78	77	494779	46.712	ng	98
64) 4,6-Dinitro-2-methylphenol	16.58	198	86627	41.806	ng	94
65) n-Nitrosodiphenylamine	16.70	169	433931	43.882	ng	96
66) 4-Bromophenyl-phenylether	17.38	248	176134	43.298	ng	96
67) Hexachlorobenzene	17.51	284	177221	41.280	ng	95
68) Atrazine	17.62	200	185773	46.361	ng	98
69) Pentachlorophenol	17.85	266	235957	80.078	ng	99
70) Phenanthrene	18.25	178	796690	44.164	ng	99
71) Anthracene	18.35	178	833513	45.634	ng	99
72) Carbazole	18.61	167	730404	45.126	ng	97
73) Di-n-butylphthalate	19.09	149	858325	45.560	ng	# 98
74) Fluoranthene	20.21	202	1016178	45.520	ng	97
76) Benzidine	20.37	184	153721	16.076	ng	97
77) Pyrene	20.56	202	1019564	43.354	ng	99
79) Butylbenzylphthalate	21.42	149	387914	44.699	ng	98
80) Benzo(a)anthracene	22.54	228	993270	44.238	ng	99
81) 3,3'-Dichlorobenzidine	22.42	252	105081	13.152	ng	98
82) Chrysene	22.61	228	953952	43.891	ng	97
83) Bis(2-ethylhexyl)phthalate	22.35	149	545031	45.559	ng	97
84) Di-n-octyl phthalate	23.75	149	937878	51.203	ng	99
85) Indeno(1,2,3-cd)pyrene	30.70	276	1121496	47.725	ng	# 86
87) Benzo(b)fluoranthene	25.12	252	964921	44.105	ng	# 97
88) Benzo(k)fluoranthene	25.19	252	996195	45.022	ng	# 98
89) Benzo(a)pyrene	26.14	252	978162	46.558	ng	# 98
90) Dibenzo(a,h)anthracene	30.77	278	942660	47.632	ng	# 96
91) Benzo(g,h,i)perylene	32.08	276	926199	47.262	ng	# 94

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

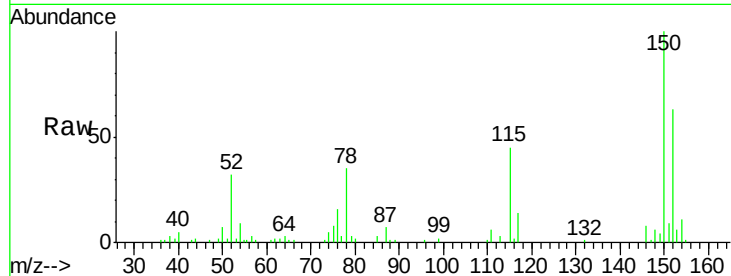


#1

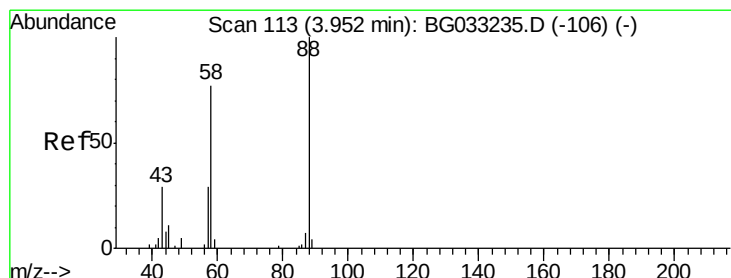
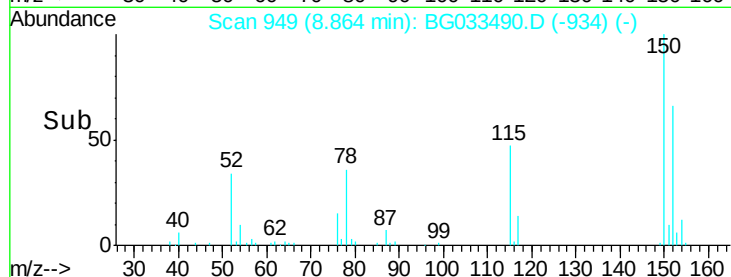
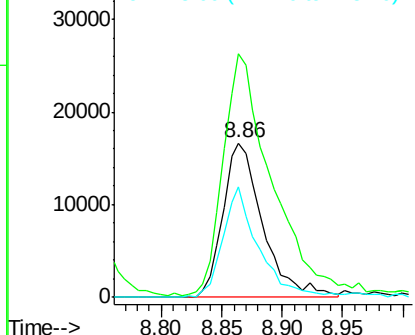
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.86 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BG033490.D
 Acq: 2 Apr 2018 16:54

Instrument :
 BNA_G
 ClientSampleId :
 PB107874BS

Tot Ion:152 Resp: 38069
 Ion Ratio Lower Upper
 152 100
 150 157.8 126.6 189.8
 115 71.4 53.0 79.4



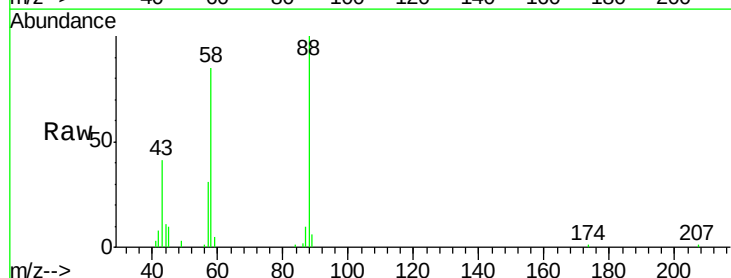
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



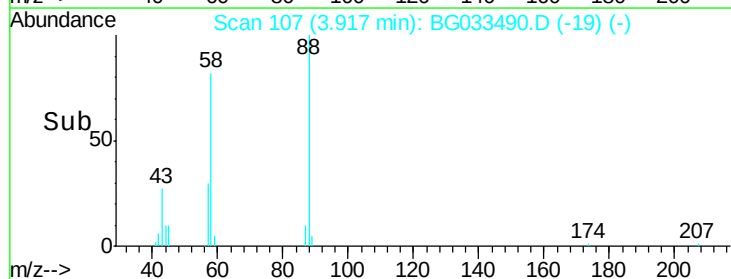
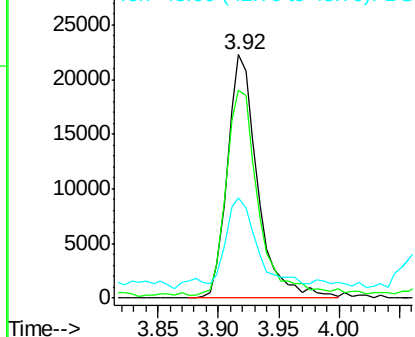
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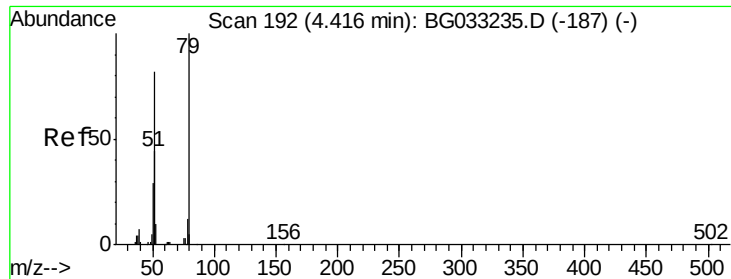
1,4-Dioxane
 Concen: 37.627 ng
 RT: 3.92 min Scan# 107
 Delta R.T. -0.01 min
 Lab File: BG033490.D
 Acq: 2 Apr 2018 16:54

Tgt Ion: 88 Resp: 38794
 Ion Ratio Lower Upper
 88 100
 58 88.1 79.6 119.4
 43 35.2 27.4 41.0



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





#3

Pvridine

Concen: 39.887 ng

RT: 4.38 min Scan# 186

Delta R.T. -0.01 min

Lab File: BG033490.D

Acq: 2 Apr 2018 16:54

Instrument :

BNA_G

ClientSampleId :

PB107874BS

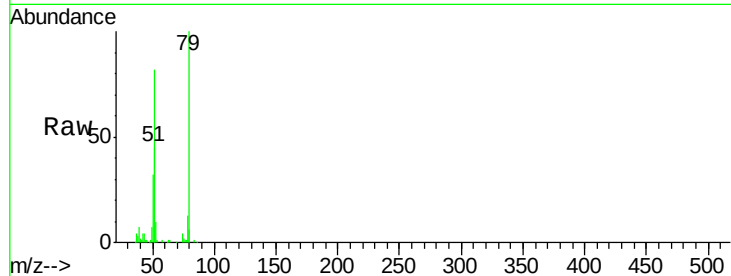
Tot Ion: 79 Resp: 113681

Ion Ratio Lower Upper

79 100

52 82.4 69.9 104.9

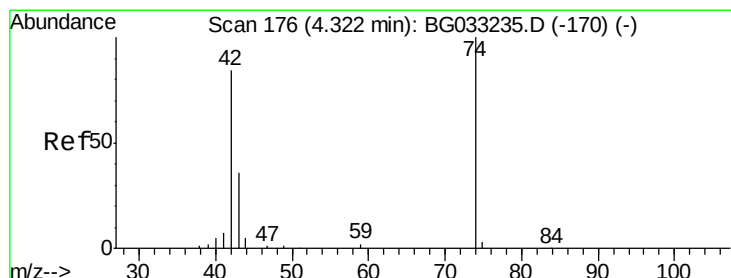
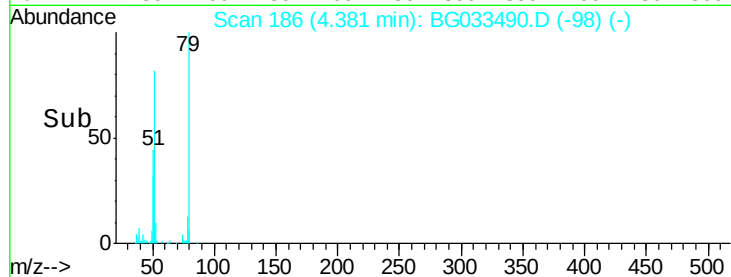
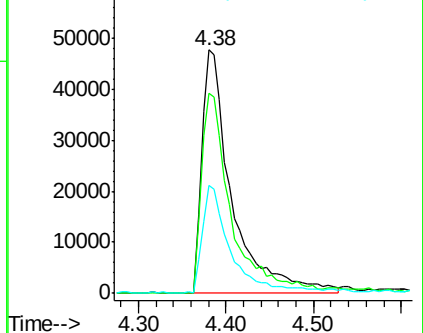
51 44.6 34.0 51.0



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: 50.867 ng

RT: 4.29 min Scan# 171

Delta R.T. -0.01 min

Lab File: BG033490.D

Acq: 2 Apr 2018 16:54

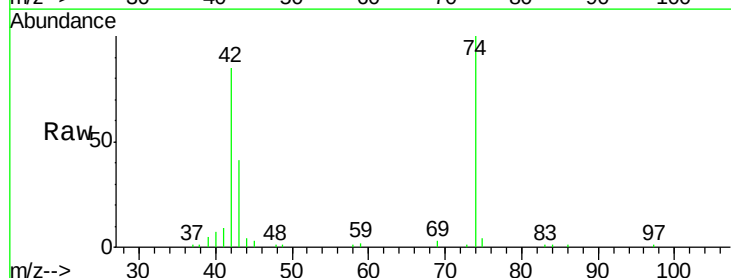
Tgt Ion: 42 Resp: 59495

Ion Ratio Lower Upper

42 100

74 117.2 102.5 153.7

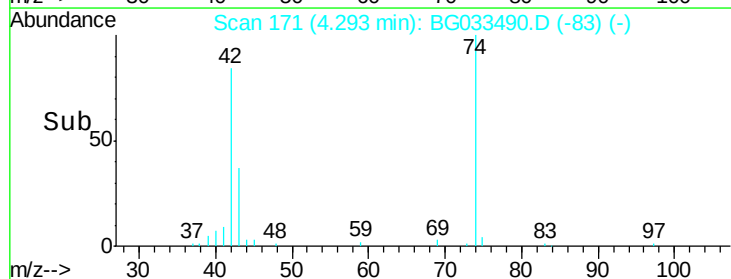
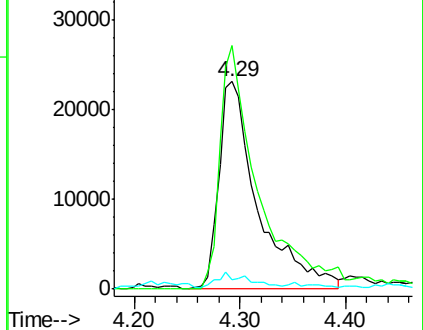
44 4.8 18.9 28.3#

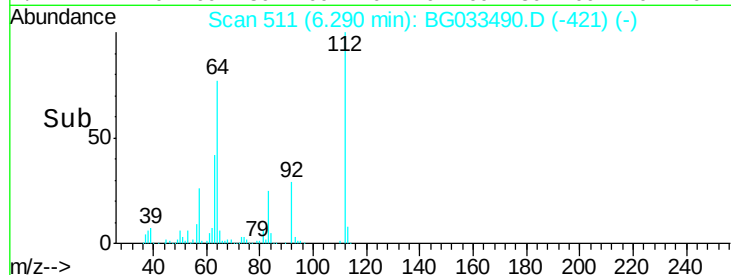
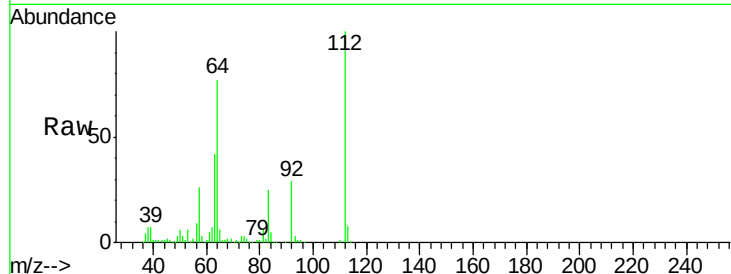
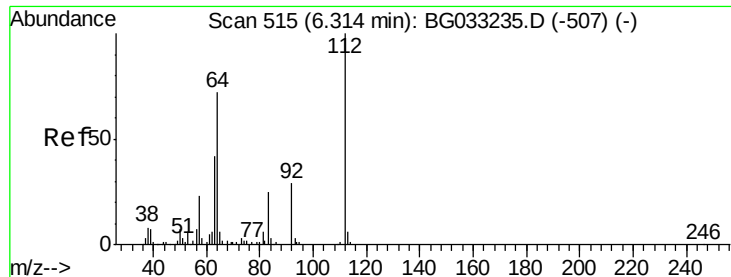


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC

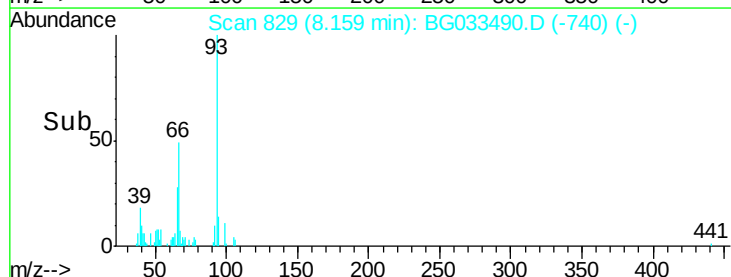
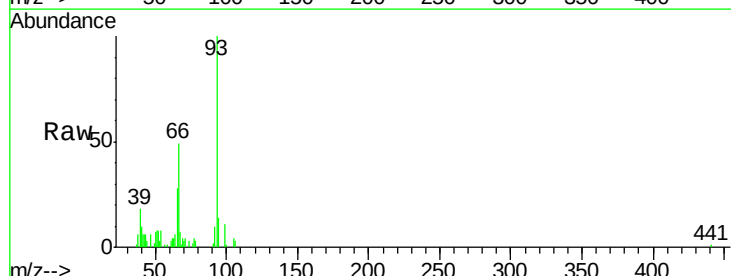
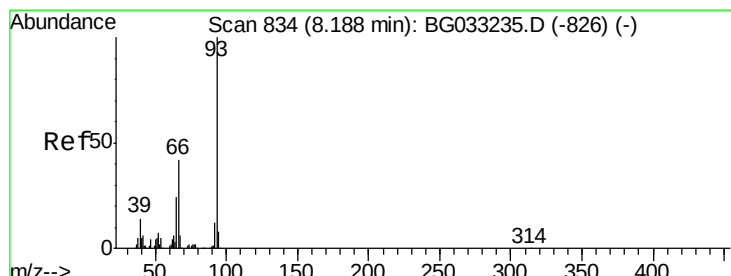
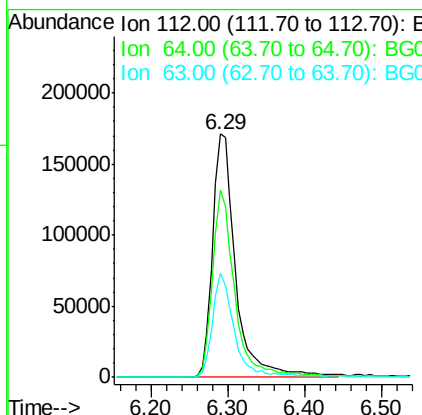




#5
2-Fluorophenol
Concen: 174.055 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033490.D
Acq: 2 Apr 2018 16:54

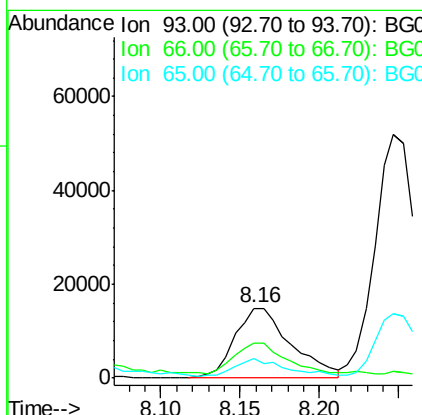
Instrument :
BNA_G
ClientSampleId :
PB107874BS

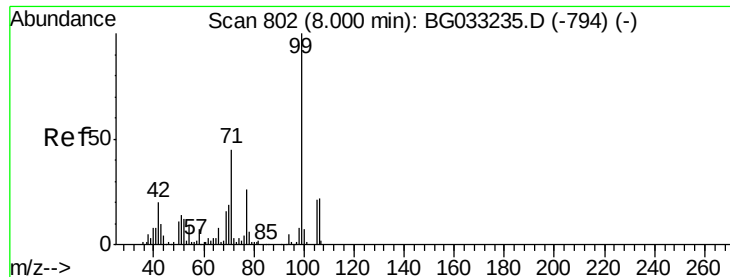
Tot Ion	Ratio	Lower	Upper
112	100		
64	77.1	56.3	84.5
63	42.5	30.1	45.1



#6
Aniline
Concen: 8.954 ng
RT: 8.16 min Scan# 829
Delta R.T. -0.01 min
Lab File: BG033490.D
Acq: 2 Apr 2018 16:54

Tgt Ion	Ratio	Lower	Upper
93	100		
66	49.5	33.7	50.5
65	27.9	16.1	24.1





#7

Phenol-d6

Concen: 158.096 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG033490.D

Acq: 2 Apr 2018 16:54

Instrument :

BNA_G

ClientSampleId :

PB107874BS

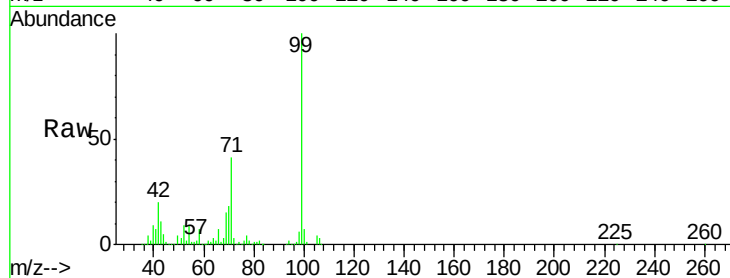
Tot Ion: 99 Resp: 551490

Ion Ratio Lower Upper

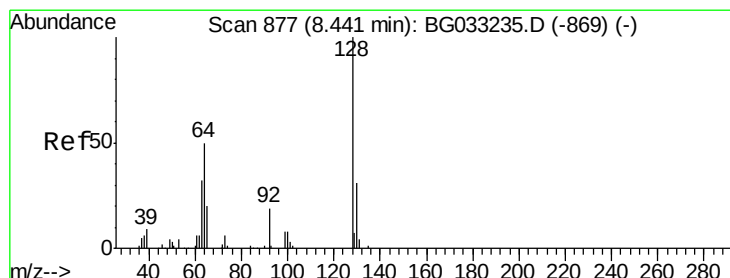
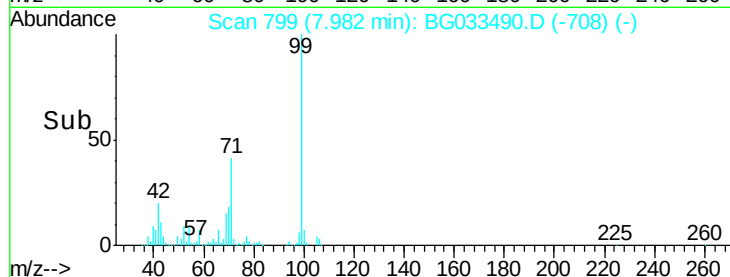
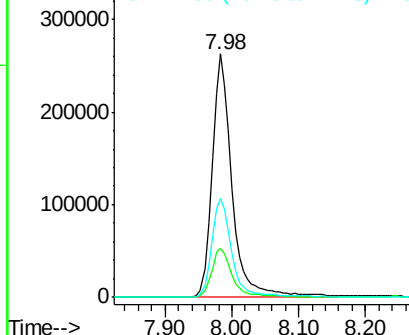
99 100

42 20.2 14.1 21.1

71 40.6 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: 54.727 ng

RT: 8.41 min Scan# 872

Delta R.T. -0.01 min

Lab File: BG033490.D

Acq: 2 Apr 2018 16:54

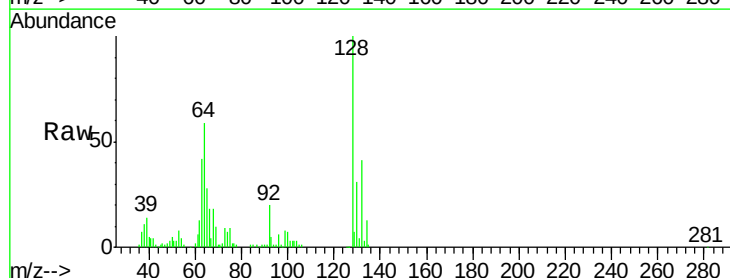
Tgt Ion: 128 Resp: 127021

Ion Ratio Lower Upper

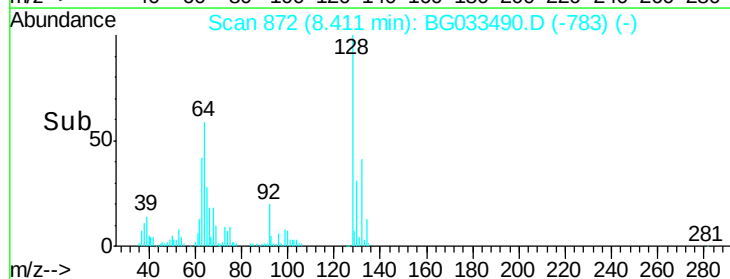
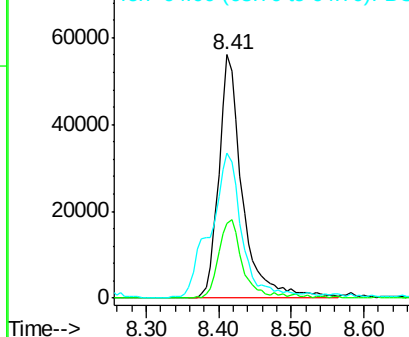
128 100

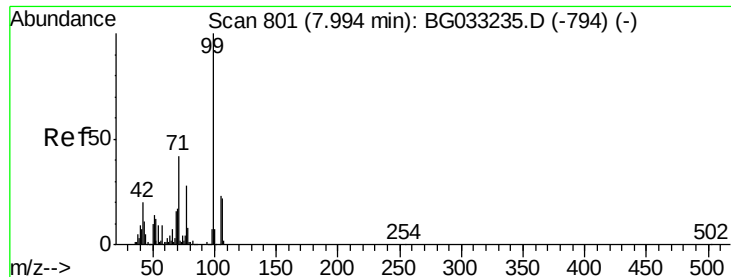
130 30.9 14.0 54.0

64 59.4 37.7 77.7



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





#9

Benzaldehyde

Concen: 22.026 ng

RT: 7.96 min Scan# 796

Delta R.T. -0.01 min

Lab File: BG033490.D

Acq: 2 Apr 2018 16:54

Instrument :

BNA_G

ClientSampleId :

PB107874BS

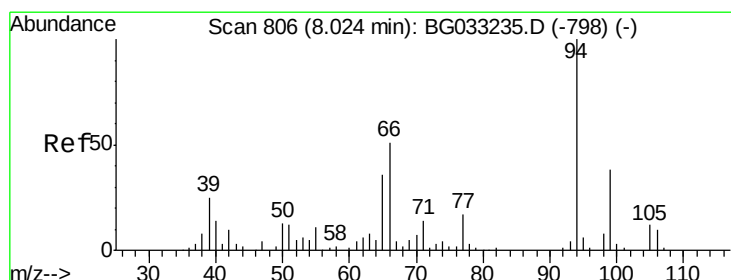
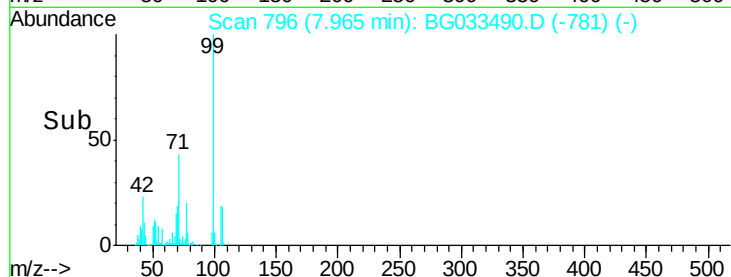
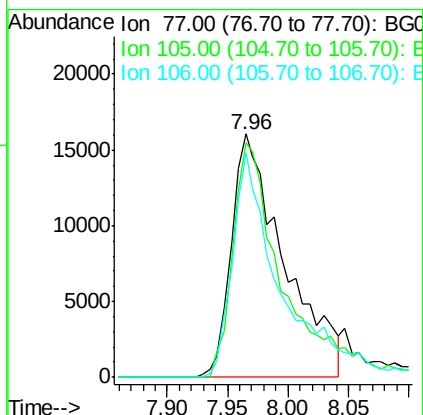
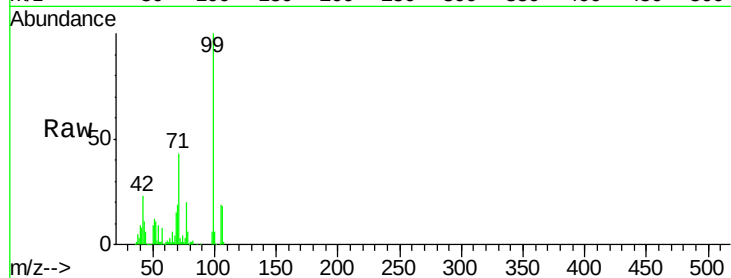
Tot Ion: 77 Resp: 48828

Ion Ratio Lower Upper

77 100

105 96.5 71.3 111.3

106 92.3 64.2 104.2



#10

Phenol

Concen: 53.001 ng

RT: 8.01 min Scan# 804

Delta R.T. 0.00 min

Lab File: BG033490.D

Acq: 2 Apr 2018 16:54

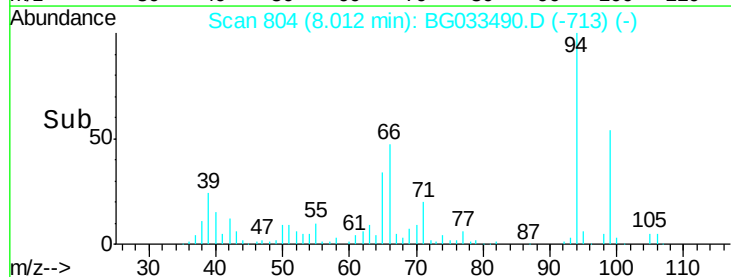
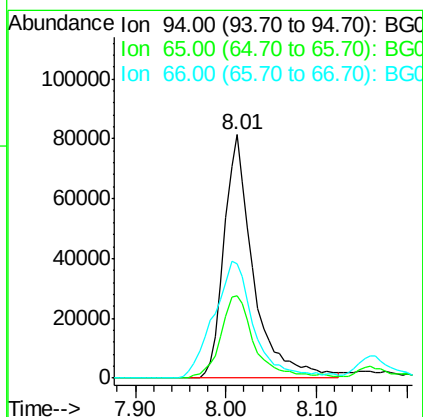
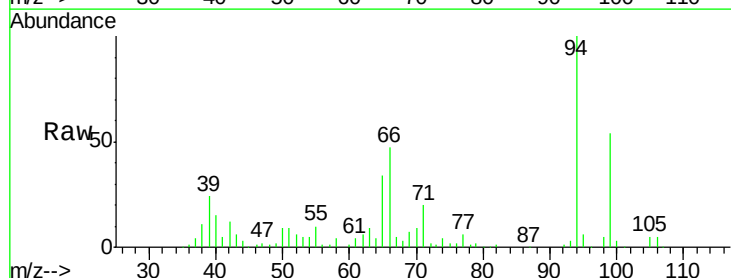
Tgt Ion: 94 Resp: 182540

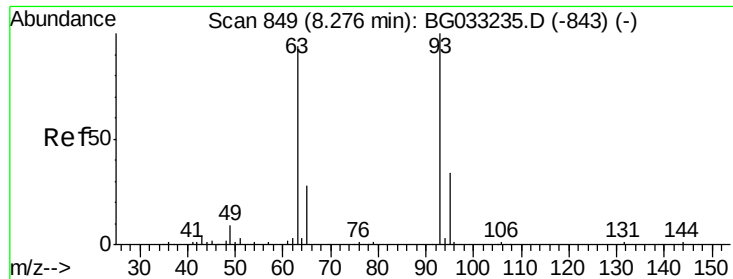
Ion Ratio Lower Upper

94 100

65 33.8 11.9 51.9

66 47.2 22.2 62.2

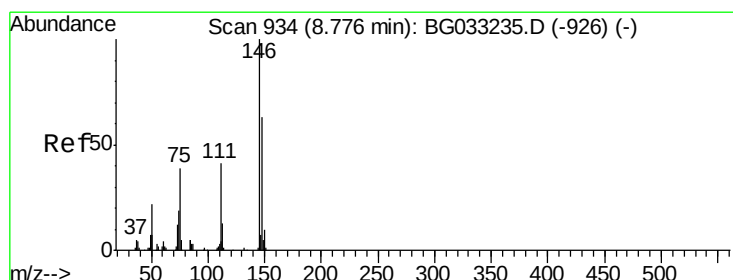
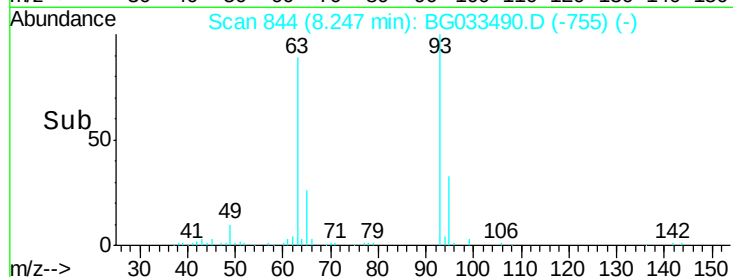
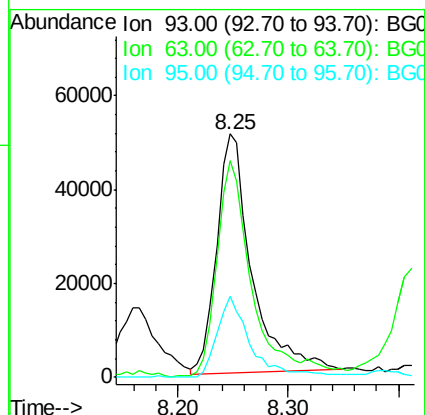
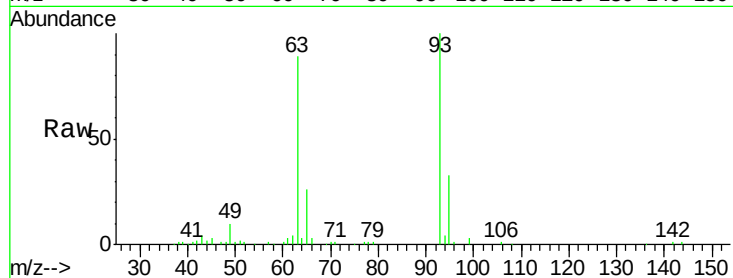




#11
 bis(2-Chloroethyl)ether
 Concen: 40.172 ng
 RT: 8.25 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BG033490.D
 Acq: 2 Apr 2018 16:54

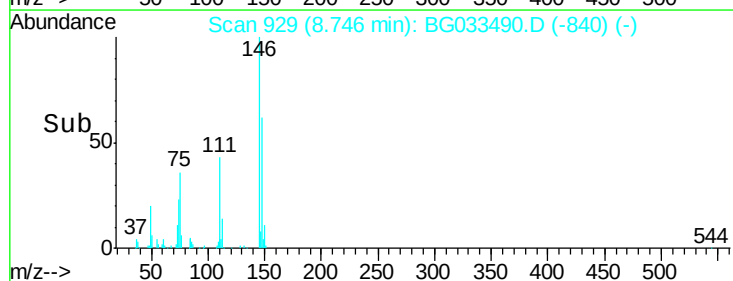
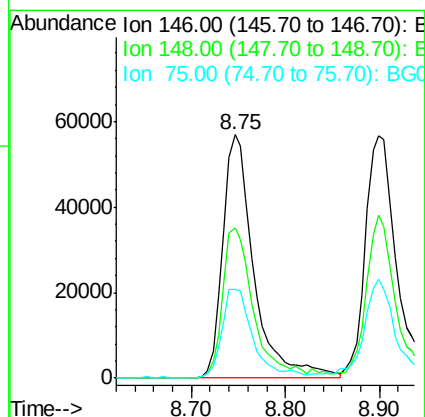
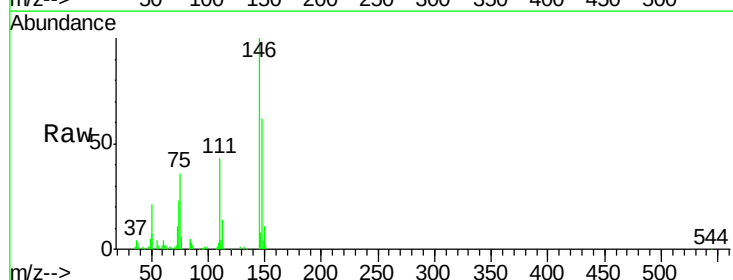
Instrument :
 BNA_G
 ClientSampleId :
 PB107874BS

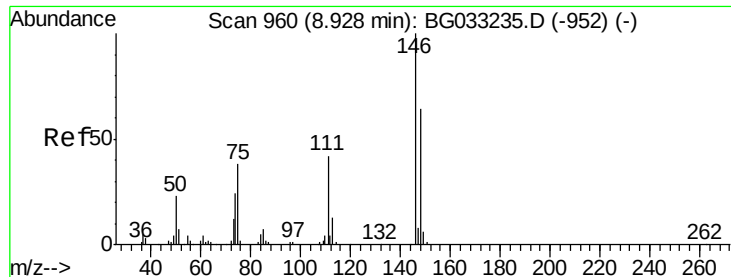
Tot Ion: 93 Resp: 112931
 Ion Ratio Lower Upper
 93 100
 63 89.3 67.1 107.1
 95 33.5 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 43.341 ng
 RT: 8.75 min Scan# 929
 Delta R.T. -0.01 min
 Lab File: BG033490.D
 Acq: 2 Apr 2018 16:54

Tgt Ion: 146 Resp: 131514
 Ion Ratio Lower Upper
 146 100
 148 61.6 51.4 77.2
 75 36.4 26.6 39.8

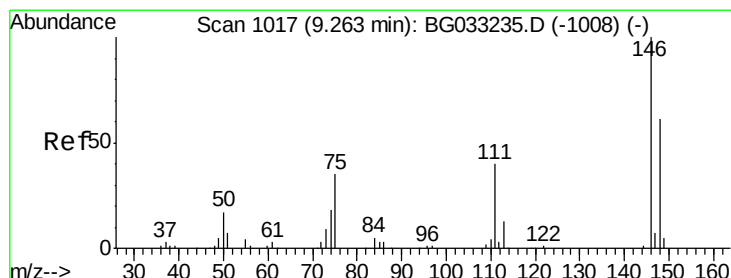
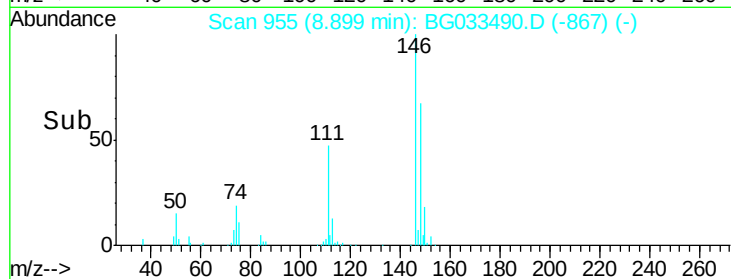
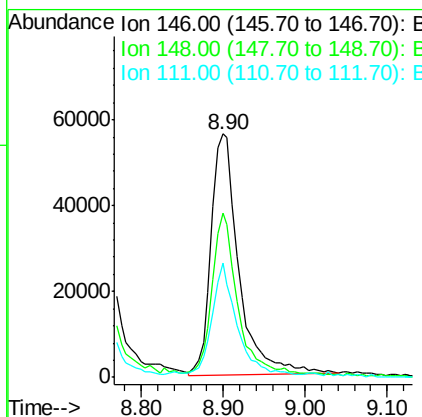
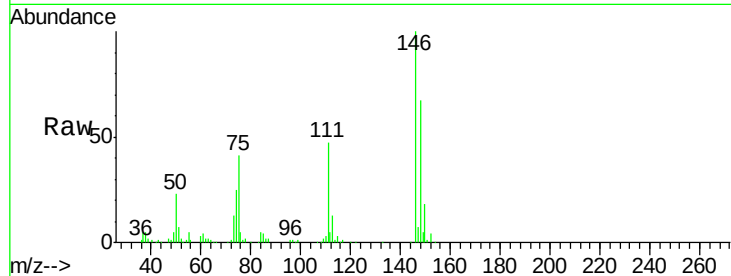




#13
 1,4-Dichlorobenzene
 Concen: 43.631 ng
 RT: 8.90 min Scan# 955
 Delta R.T. -0.01 min
 Lab File: BG033490.D
 Acq: 2 Apr 2018 16:54

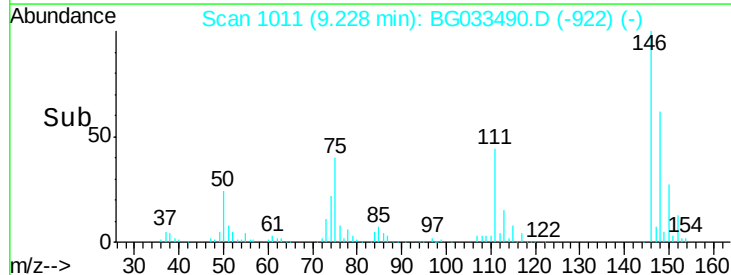
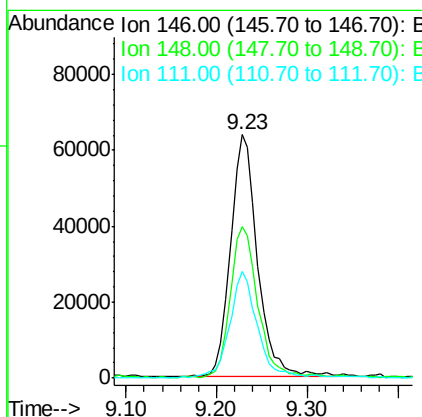
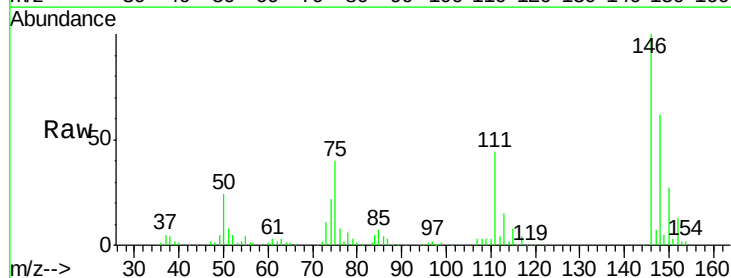
Instrument :
 BNA_G
 ClientSampleId :
 PB107874BS

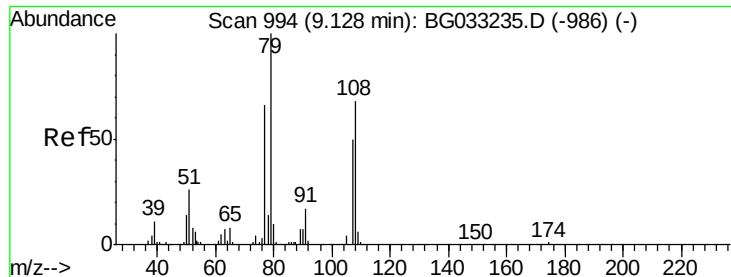
Tot Ion:146 Resp: 132592
 Ion Ratio Lower Upper
 146 100
 148 67.3 53.7 80.5
 111 46.9 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 44.895 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BG033490.D
 Acq: 2 Apr 2018 16:54

Tgt Ion:146 Resp: 133157
 Ion Ratio Lower Upper
 146 100
 148 62.2 49.3 73.9
 111 44.0 34.3 51.5





#15

Benzyl Alcohol

Concen: 51.632 ng

RT: 9.10 min Scan# 990

Delta R.T. -0.00 min

Lab File: BG033490.D

Acq: 2 Apr 2018 16:54

Instrument :

BNA_G

ClientSampleId :

PB107874BS

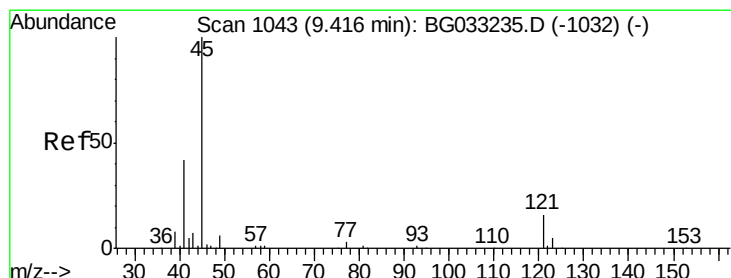
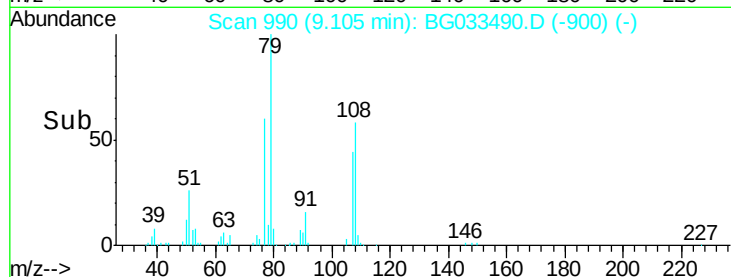
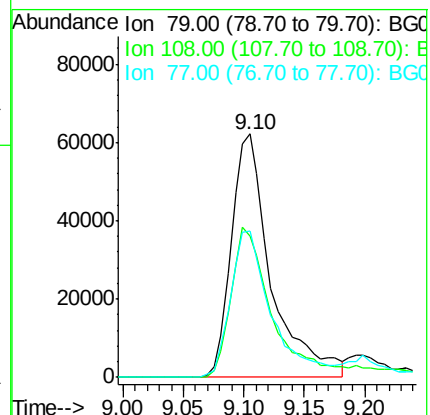
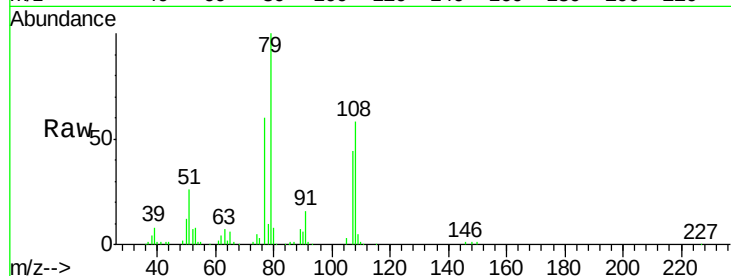
Tot Ion: 79 Resp: 141807

Ion Ratio Lower Upper

79 100

108 57.9 57.2 85.8

77 60.1 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.829 ng

RT: 9.38 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BG033490.D

Acq: 2 Apr 2018 16:54

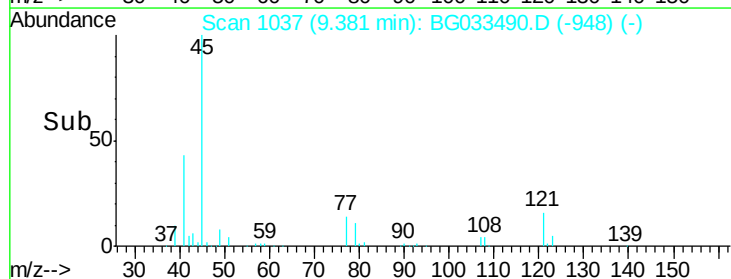
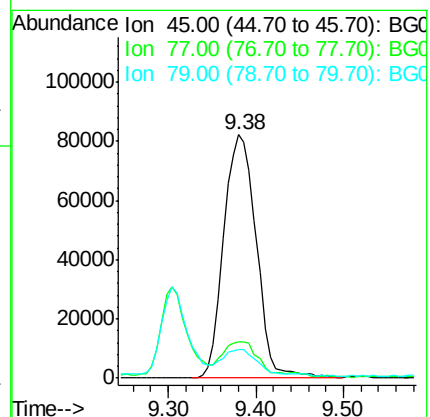
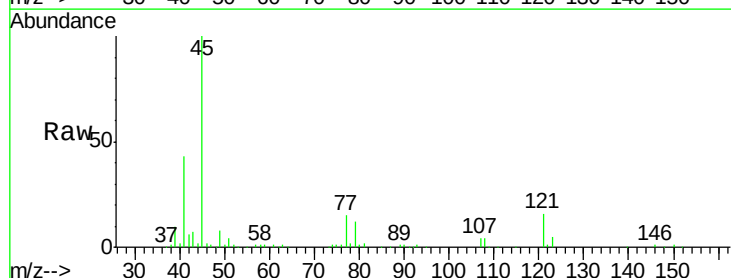
Tgt Ion: 45 Resp: 210023

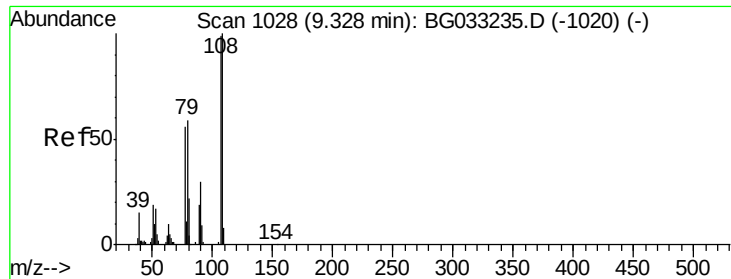
Ion Ratio Lower Upper

45 100

77 15.1 0.0 30.2

79 11.9 0.0 27.9

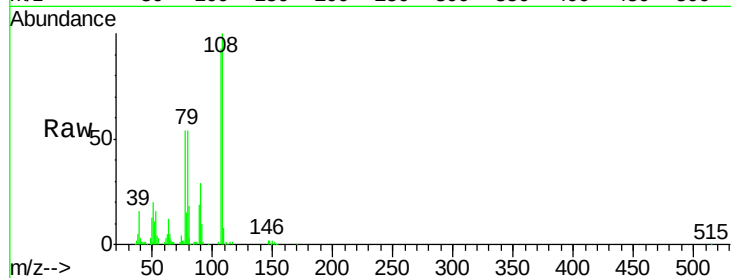




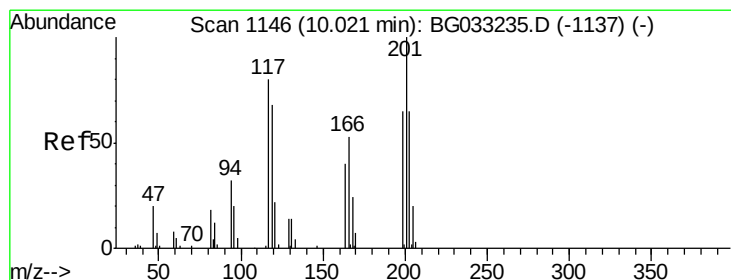
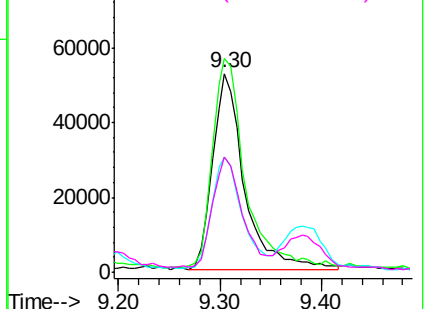
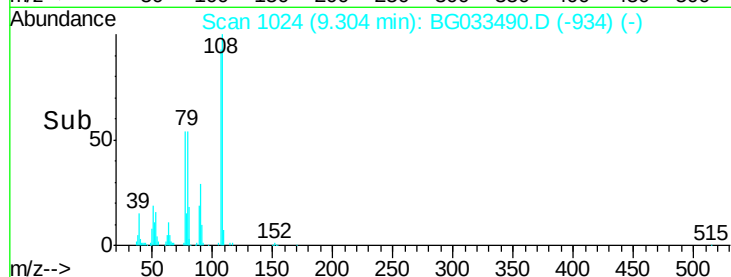
#17
2-Methylphenol
Concen: 49.202 ng
RT: 9.30 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG033490.D
Acq: 2 Apr 2018 16:54

Instrument :
BNA_G
ClientSampleId :
PB107874BS

Tot Ion:107 Resp: 115438
Ion Ratio Lower Upper
107 100
108 107.5 83.9 125.9
77 58.0 37.2 55.8#
79 58.1 36.2 54.2#

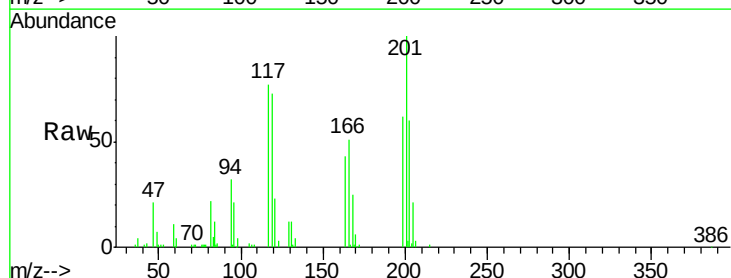


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

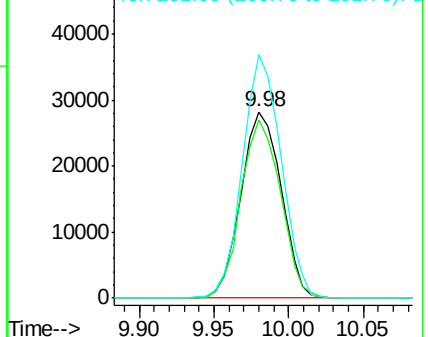
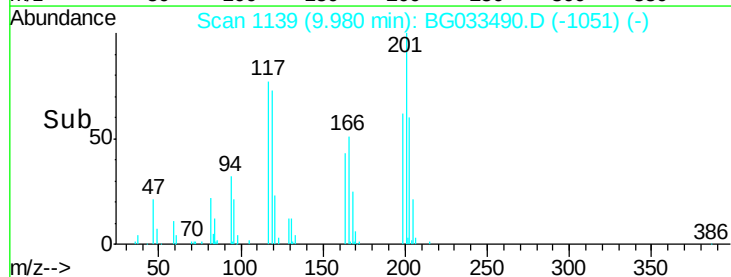


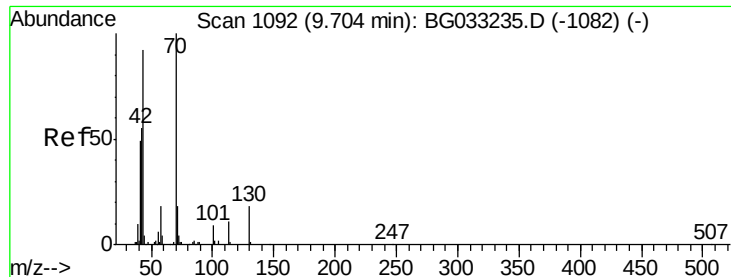
#18
Hexachloroethane
Concen: 44.895 ng
RT: 9.98 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BG033490.D
Acq: 2 Apr 2018 16:54

Tgt Ion:117 Resp: 52657
Ion Ratio Lower Upper
117 100
119 95.9 76.7 115.1
201 130.5 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

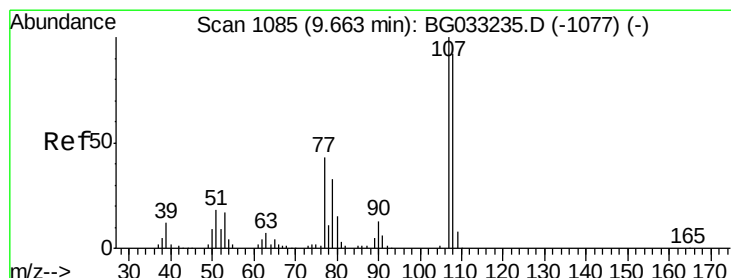
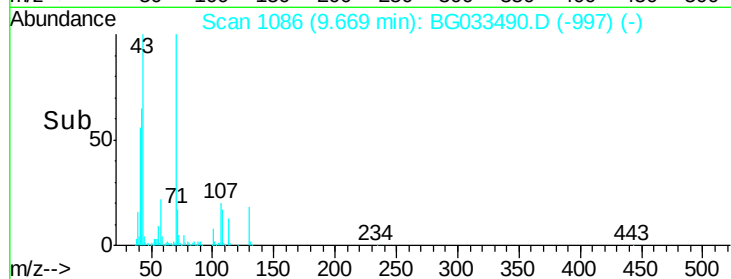
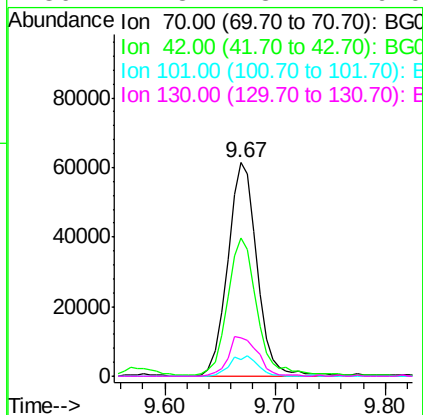
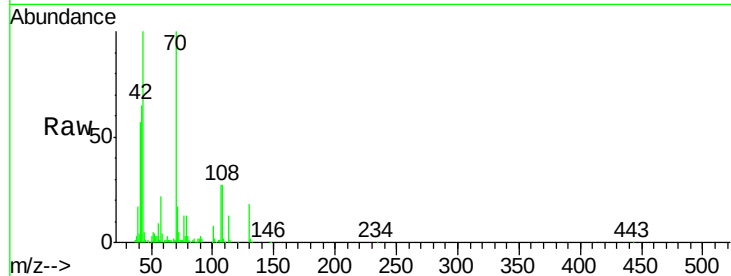




#19
n-Nitroso-di-n-propylamine
Concen: 44.795 ng
RT: 9.67 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BG033490.D
Acq: 2 Apr 2018 16:54

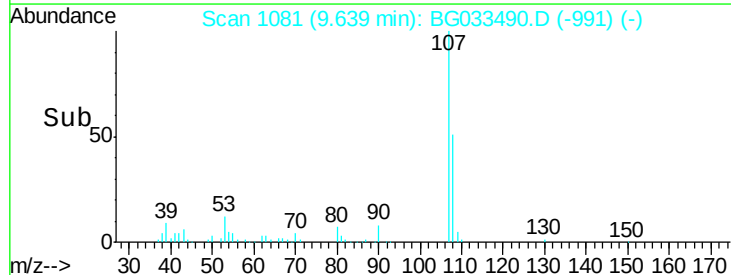
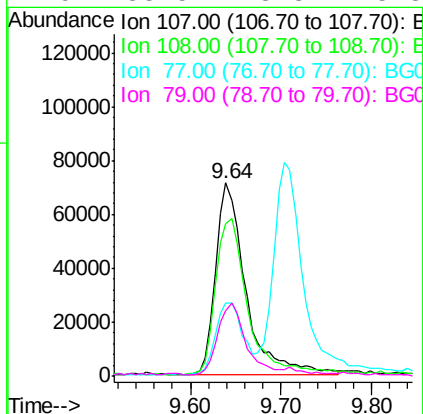
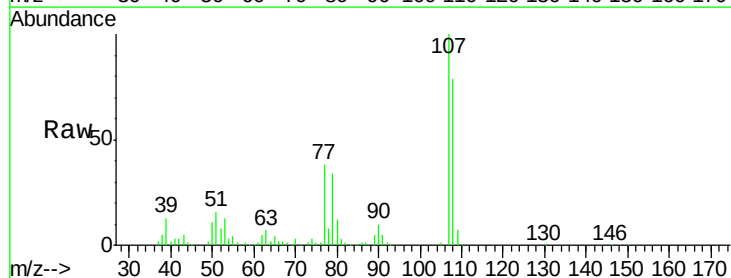
Instrument :
BNA_G
ClientSampleId :
PB107874BS

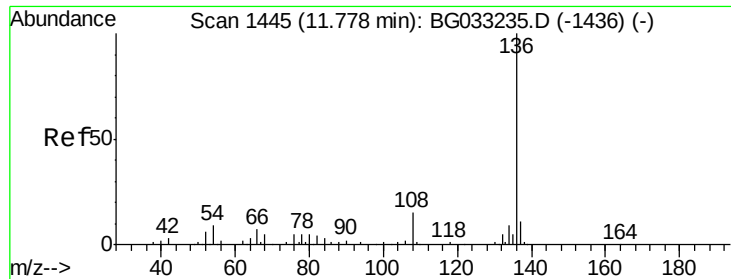
Tot Ion:	70	Resp:	114502
Ion	Ratio	Lower	Upper
70	100		
42	64.7	49.1	73.7
101	7.7	8.5	12.7#
130	17.8	13.4	20.0



#20
3+4-Methylphenols
Concen: 49.166 ng
RT: 9.64 min Scan# 1081
Delta R.T. -0.00 min
Lab File: BG033490.D
Acq: 2 Apr 2018 16:54

Tgt Ion:	107	Resp:	164239
Ion	Ratio	Lower	Upper
107	100		
108	79.2	61.6	101.6
77	38.0	13.9	53.9
79	33.5	8.8	48.8

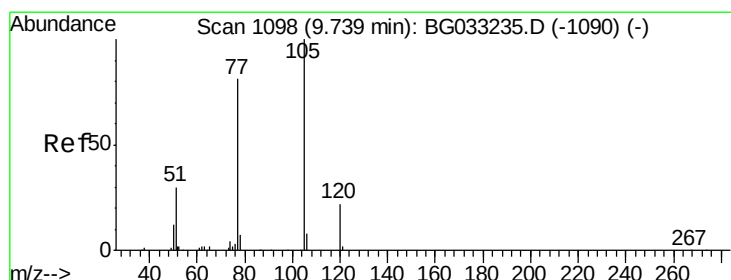
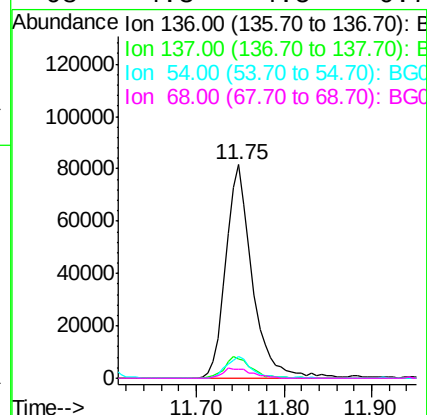
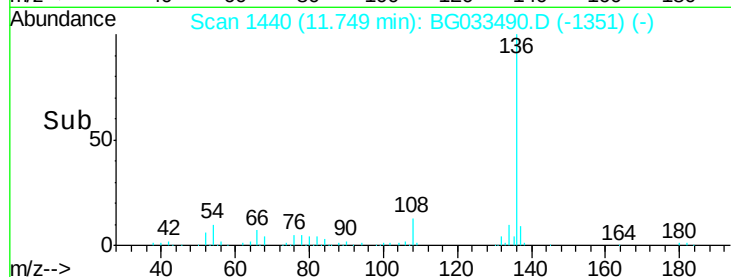
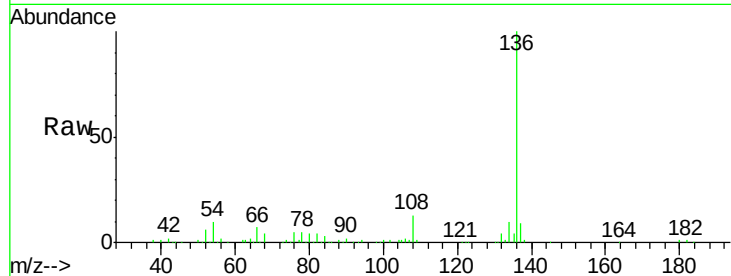




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BG033490.D
Acq: 2 Apr 2018 16:54

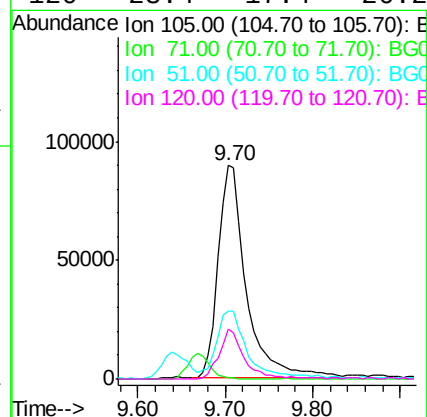
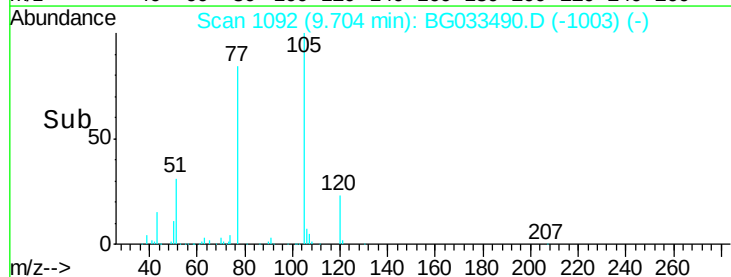
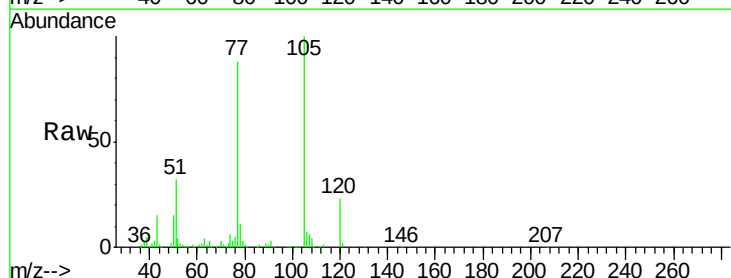
Instrument :
BNA_G
ClientSampleId :
PB107874BS

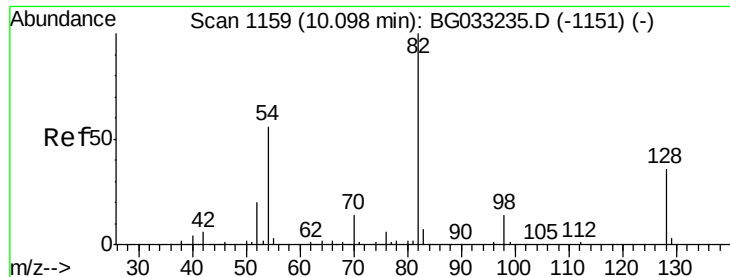
Tot Ion:136	Resp:	170672
Ion Ratio	Lower	Upper
136	100	
137	9.3	9.2 13.8
54	10.4	10.3 15.5
68	4.3	4.5 6.7#



#22
Acetophenone
Concen: 43.190 ng
RT: 9.70 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BG033490.D
Acq: 2 Apr 2018 16:54

Tgt Ion:105	Resp:	201947
Ion Ratio	Lower	Upper
105	100	
71	0.9	3.0 4.4#
51	32.1	26.1 39.1
120	23.4	17.4 26.2

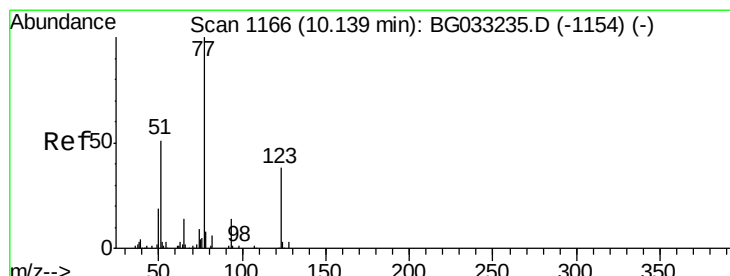
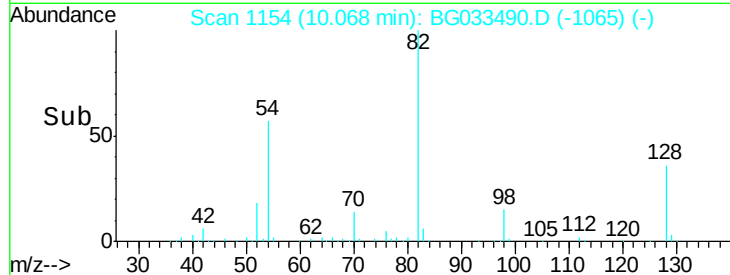
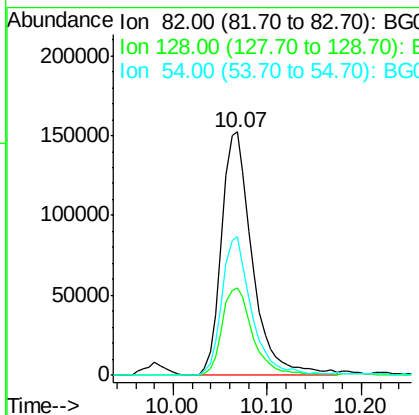
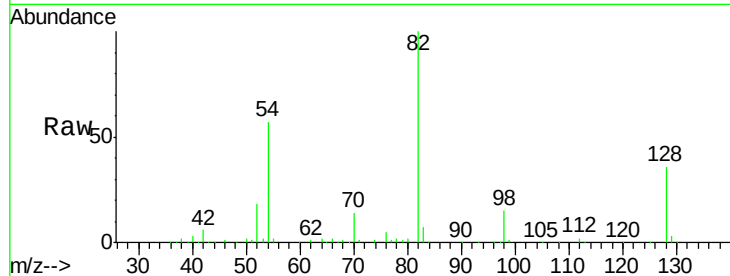




#23
 Nitrobenzene-d5
 Concen: 93.017 ng
 RT: 10.07 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BG033490.D
 Acq: 2 Apr 2018 16:54

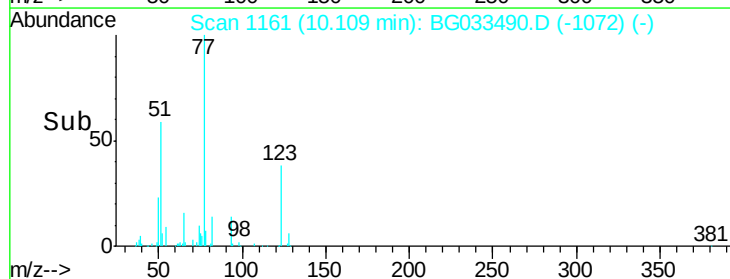
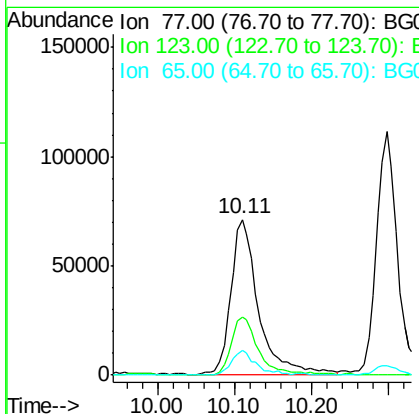
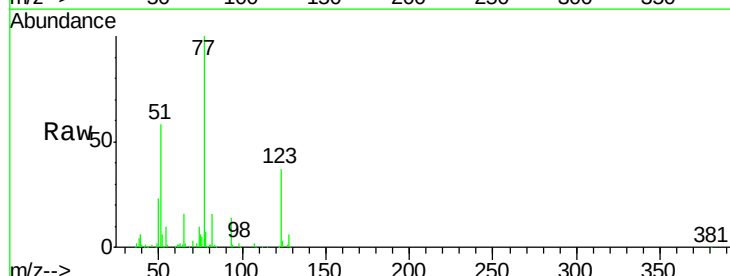
Instrument :
 BNA_G
 ClientSampleId :
 PB107874BS

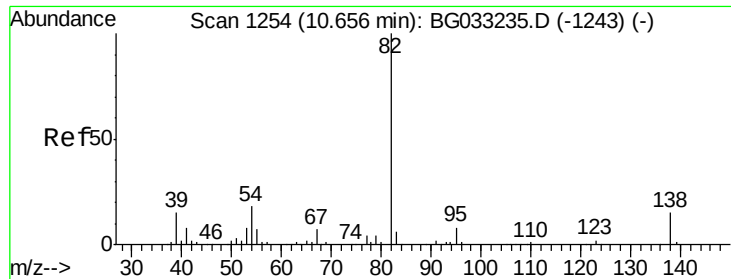
Tot Ion	82	Resp	345539
Ion Ratio	Lower	Upper	
82	100		
128	36.1	29.7	44.5
54	57.0	43.1	64.7



#24
 Nitrobenzene
 Concen: 43.833 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BG033490.D
 Acq: 2 Apr 2018 16:54

Tgt Ion	77	Resp	174287
Ion Ratio	Lower	Upper	
77	100		
123	37.3	33.0	49.6
65	15.7	13.0	19.6





#25

Isophorone

Concen: 46.545 ng

RT: 10.63 min Scan# 1249

Delta R.T. -0.01 min

Lab File: BG033490.D

Acq: 2 Apr 2018 16:54

Instrument :

BNA_G

ClientSampleId :

PB107874BS

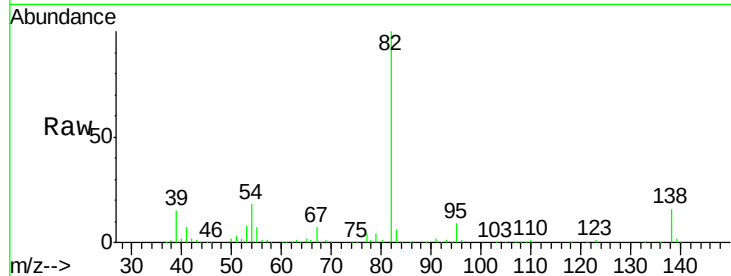
Tot Ion: 82 Resp: 335584

Ion Ratio Lower Upper

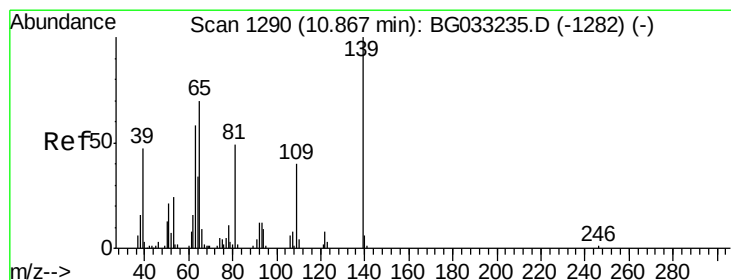
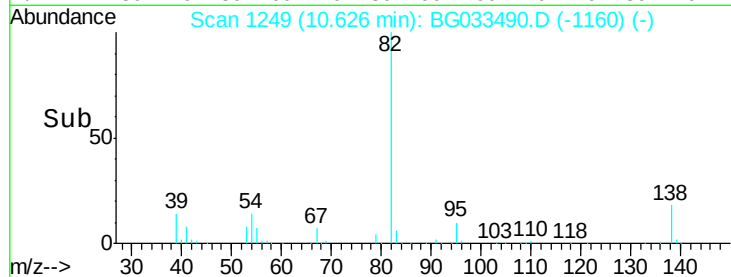
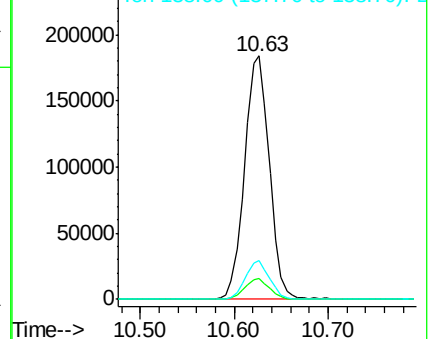
82 100

95 8.7 6.2 9.2

138 16.0 12.1 18.1



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



#26

2-Nitrophenol

Concen: 49.661 ng

RT: 10.83 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BG033490.D

Acq: 2 Apr 2018 16:54

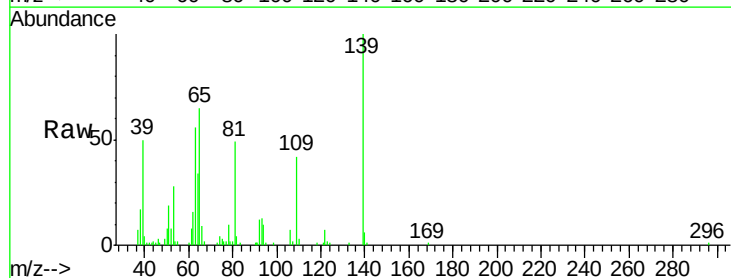
Tgt Ion: 139 Resp: 74758

Ion Ratio Lower Upper

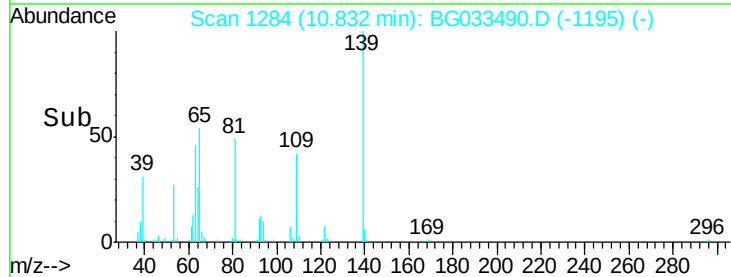
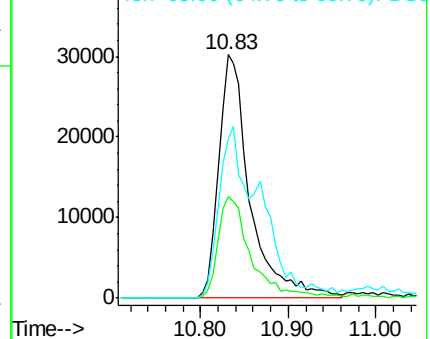
139 100

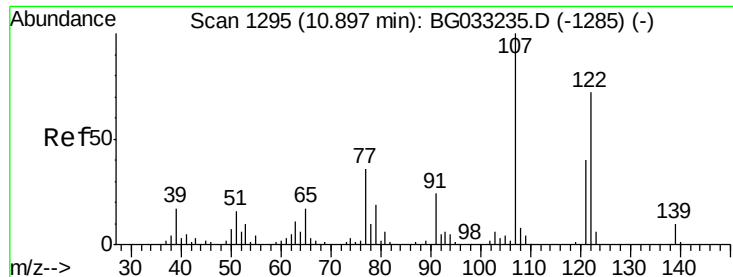
109 41.8 24.2 36.2#

65 65.1 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

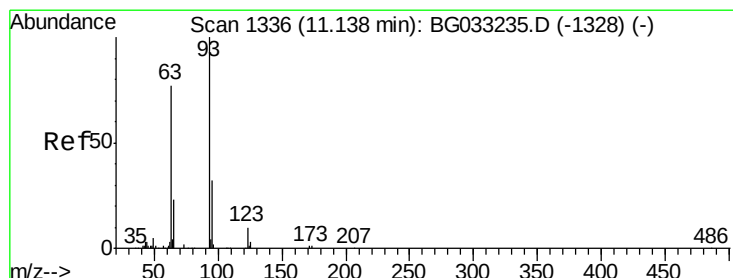
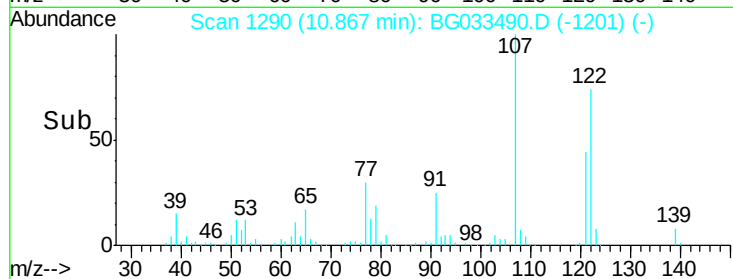
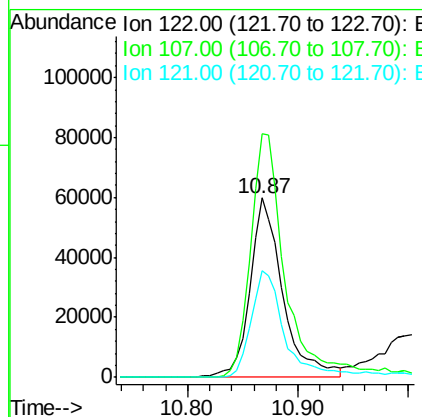
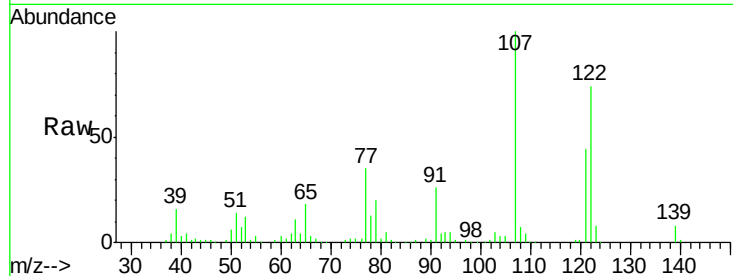




#27
 2,4-Dimethylphenol
 Concen: 56.836 ng
 RT: 10.87 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BG033490.D
 Acq: 2 Apr 2018 16:54

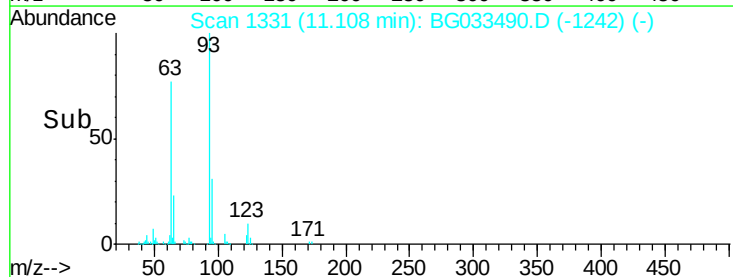
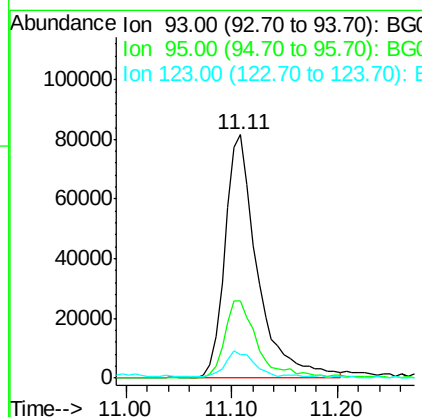
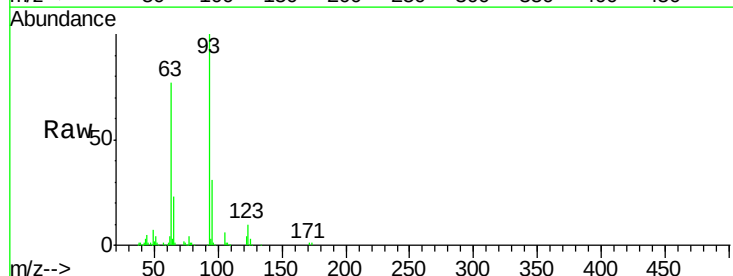
Instrument :
 BNA_G
 ClientSampleID :
 PB107874BS

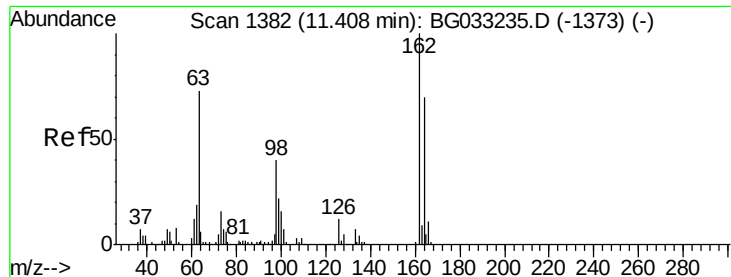
Tot Ion:122 Resp: 124292
 Ion Ratio Lower Upper
 122 100
 107 135.7 100.2 150.2
 121 59.5 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.335 ng
 RT: 11.11 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BG033490.D
 Acq: 2 Apr 2018 16:54

Tgt Ion: 93 Resp: 173875
 Ion Ratio Lower Upper
 93 100
 95 31.5 24.3 36.5
 123 9.7 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 54.021 ng

RT: 11.38 min Scan# 1377

Delta R.T. -0.01 min

Lab File: BG033490.D

Acq: 2 Apr 2018 16:54

Instrument :

BNA_G

ClientSampleId :

PB107874BS

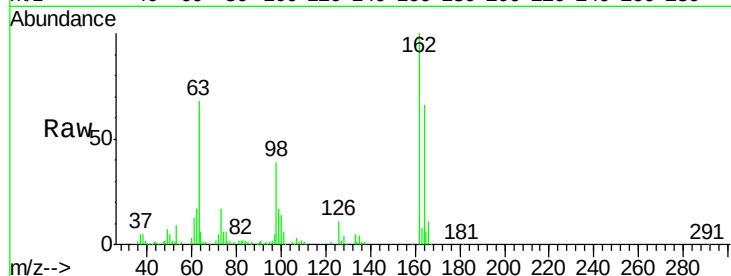
Tot Ion:162 Resp: 145282

Ion Ratio Lower Upper

162 100

164 65.6 48.0 88.0

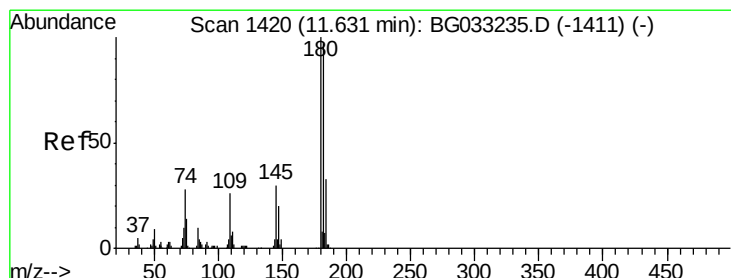
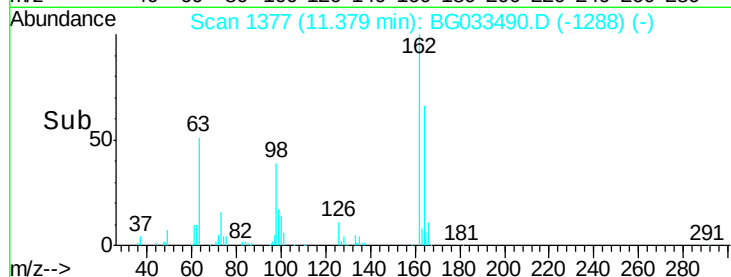
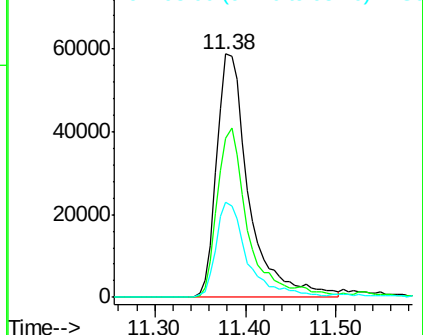
98 39.1 21.1 61.1



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: 42.804 ng

RT: 11.60 min Scan# 1415

Delta R.T. -0.00 min

Lab File: BG033490.D

Acq: 2 Apr 2018 16:54

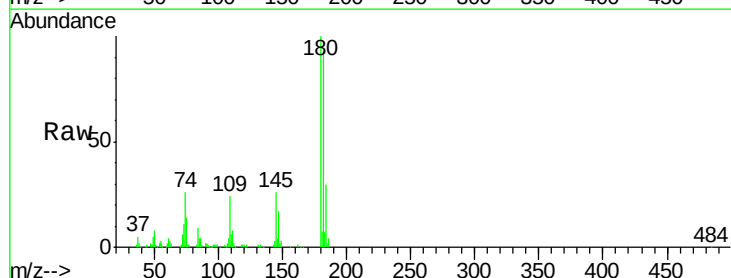
Tgt Ion:180 Resp: 149565

Ion Ratio Lower Upper

180 100

182 93.3 77.5 116.3

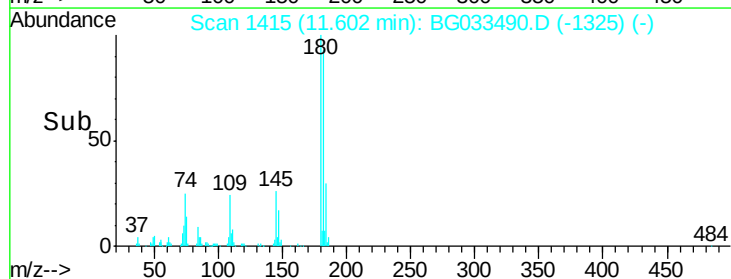
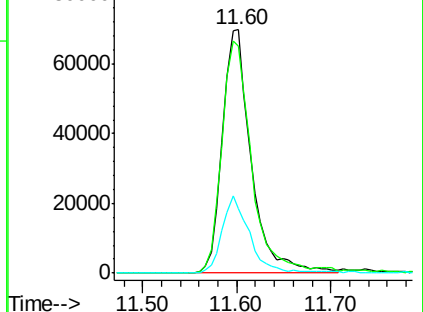
145 26.3 23.4 35.2

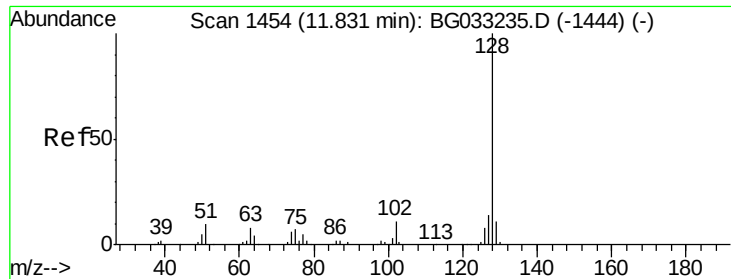


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

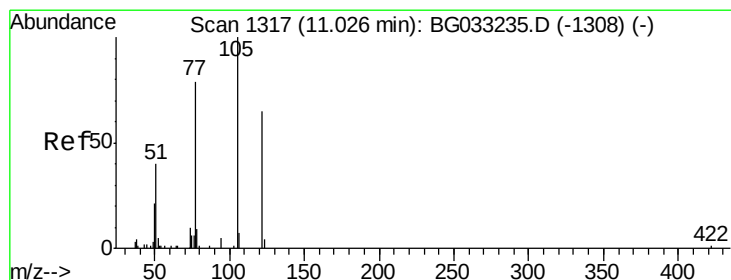
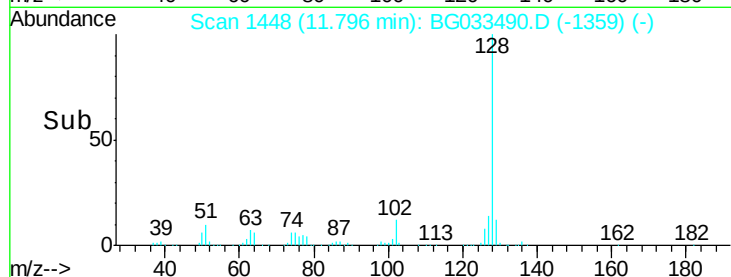
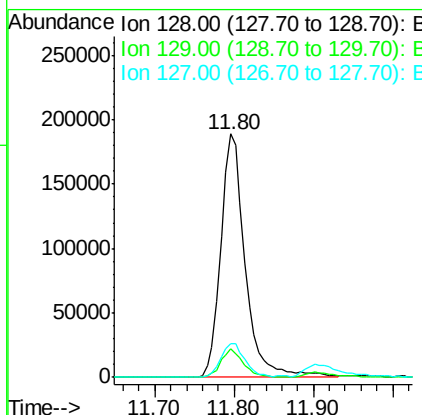
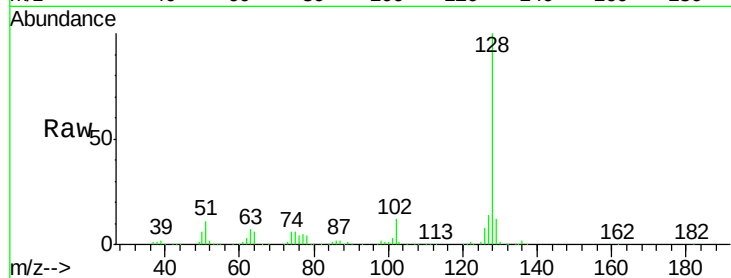




#31
Naphthalene
Concen: 45.522 ng
RT: 11.80 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BG033490.D
Acq: 2 Apr 2018 16:54

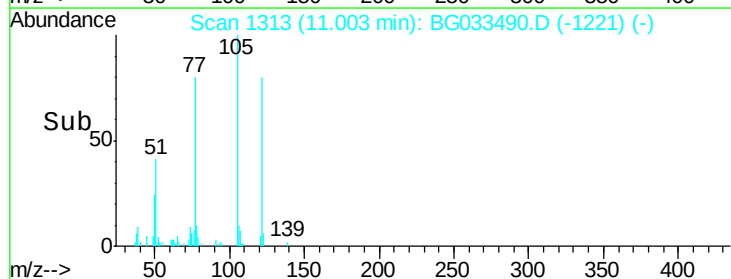
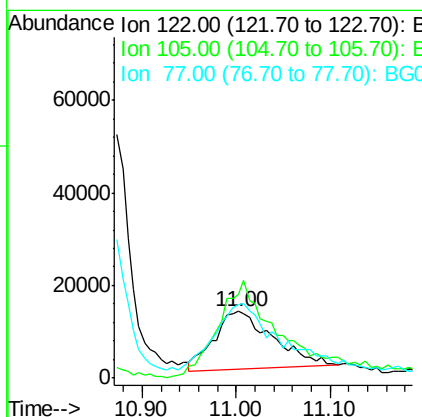
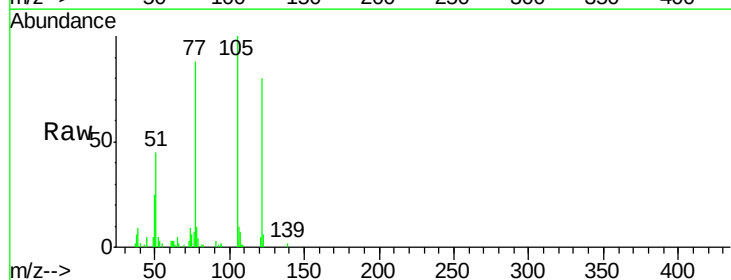
Instrument :
BNA_G
ClientSampleId :
PB107874BS

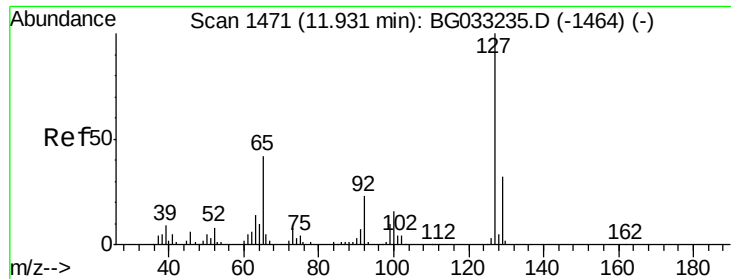
Tot Ion:128 Resp: 402605
Ion Ratio Lower Upper
128 100
129 11.9 8.6 12.8
127 13.7 11.6 17.4



#32
Benzoic acid
Concen: 26.544 ng
RT: 11.00 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BG033490.D
Acq: 2 Apr 2018 16:54

Tgt Ion:122 Resp: 53962
Ion Ratio Lower Upper
122 100
105 124.8 123.5 163.5
77 109.4 85.7 125.7

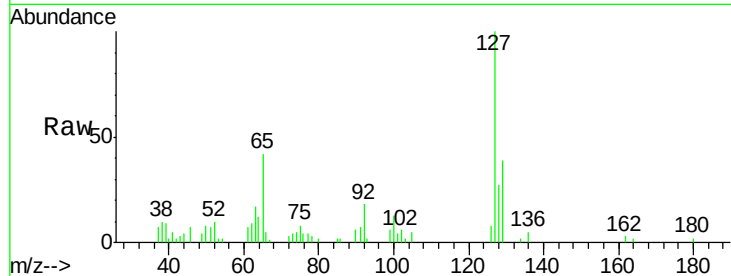




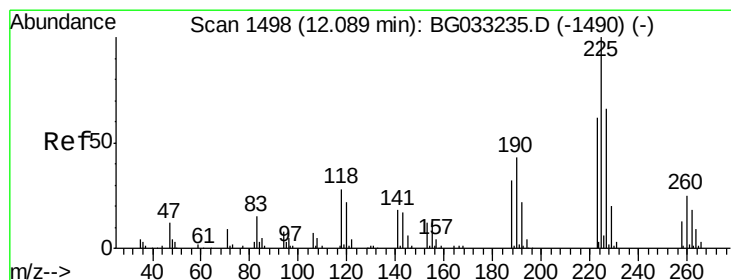
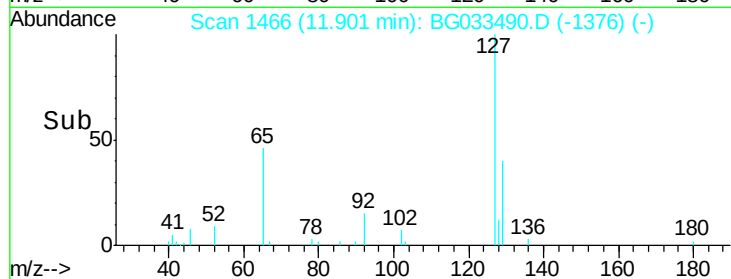
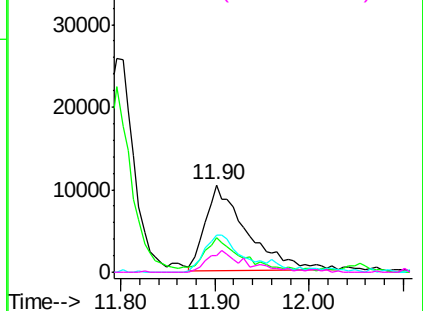
#33
4-Chloroaniline
Concen: 7.965 ng
RT: 11.90 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BG033490.D
Acq: 2 Apr 2018 16:54

Instrument :
BNA_G
ClientSampleId :
PB107874BS

Tot Ion:	127	Resp:	31561
Ion	Ratio	Lower	Upper
127	100		
129	38.9	24.0	36.0#
65	42.5	27.0	40.4#
92	18.4	16.6	25.0

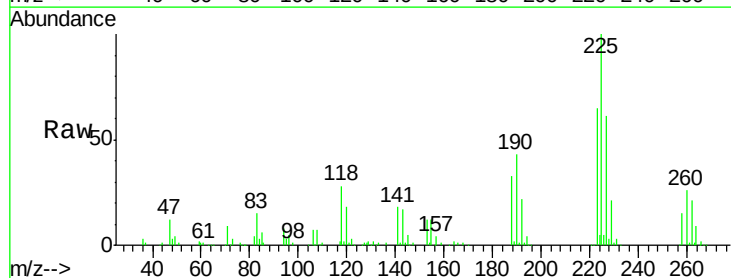


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

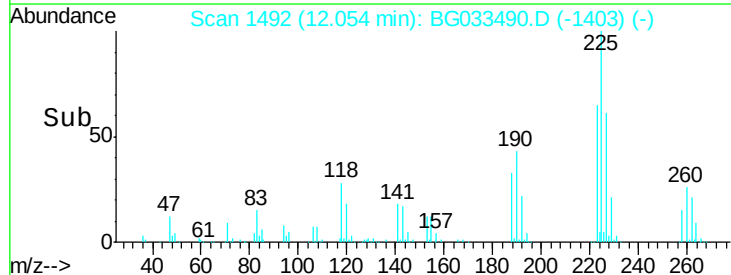
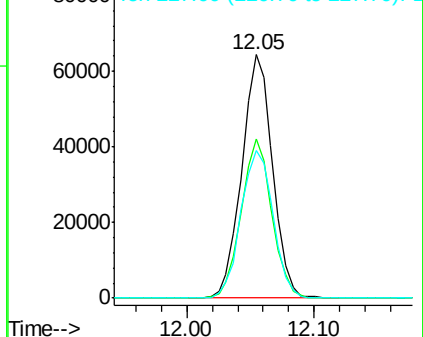


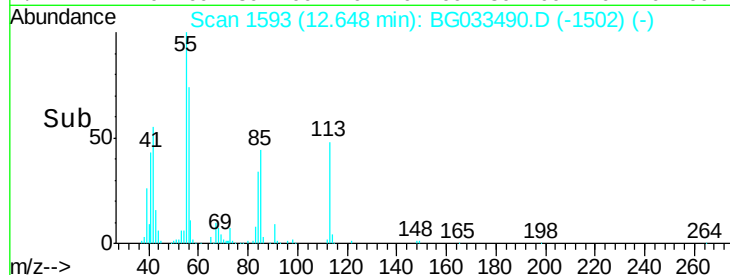
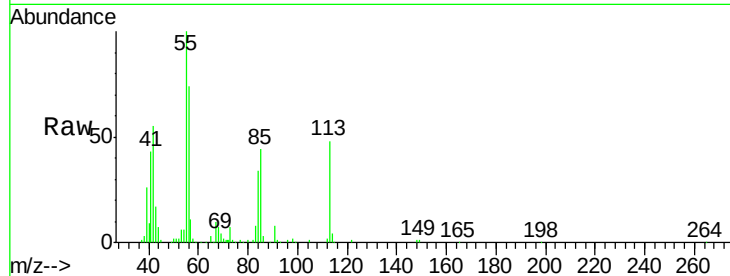
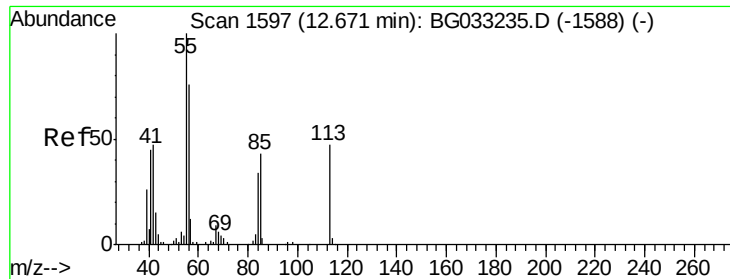
#34
Hexachlorobutadiene
Concen: 40.907 ng
RT: 12.05 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BG033490.D
Acq: 2 Apr 2018 16:54

Tgt Ion:	225	Resp:	108091
Ion	Ratio	Lower	Upper
225	100		
223	65.3	49.7	74.5
227	60.8	48.1	72.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 52.446 ng

RT: 12.65 min Scan# 1593

Delta R.T. 0.00 min

Lab File: BG033490.D

Acq: 2 Apr 2018 16:54

Instrument :

BNA_G

ClientSampled :

PB107874BS

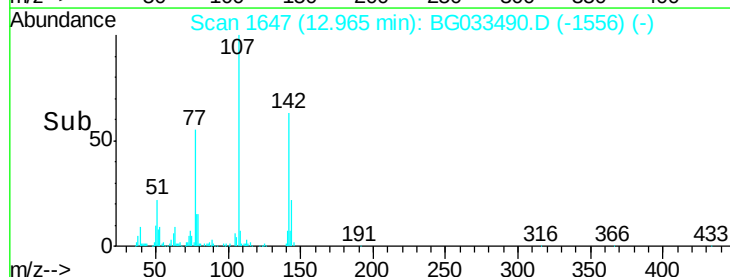
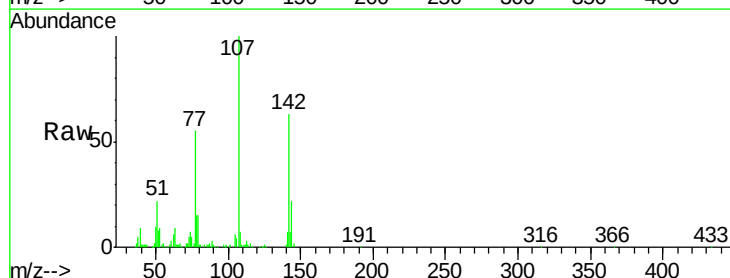
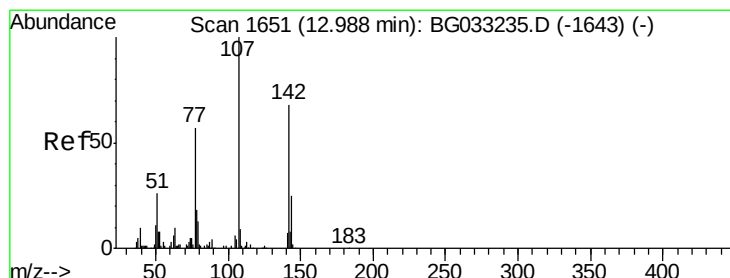
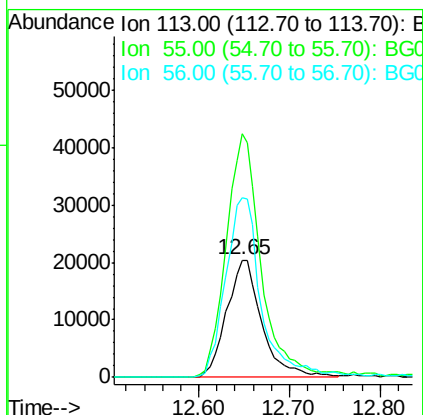
Tot Ion:113 Resp: 55257

Ion Ratio Lower Upper

113 100

55 207.7 186.9 226.9

56 153.0 130.9 170.9



#36

4-Chloro-3-methylphenol

Concen: 51.216 ng

RT: 12.96 min Scan# 1647

Delta R.T. 0.00 min

Lab File: BG033490.D

Acq: 2 Apr 2018 16:54

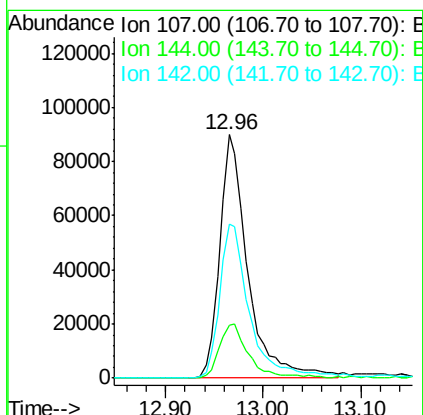
Tgt Ion:107 Resp: 179647

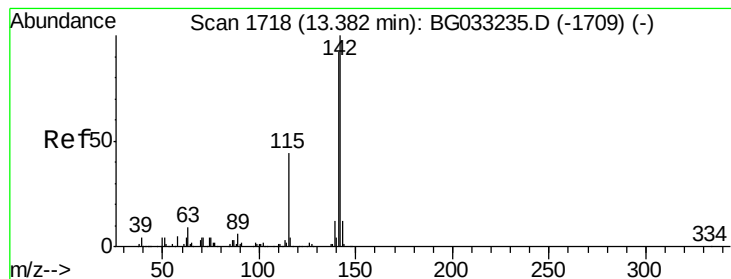
Ion Ratio Lower Upper

107 100

144 21.8 18.2 27.4

142 63.3 59.0 88.4





#37

2-Methylnaphthalene

Concen: 44.814 ng

RT: 13.35 min Scan# 1712

Delta R.T. -0.01 min

Lab File: BG033490.D

Acq: 2 Apr 2018 16:54

Instrument :

BNA_G

ClientSampleId :

PB107874BS

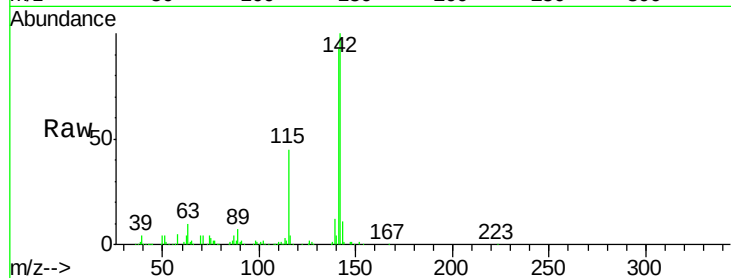
Tot Ion:142 Resp: 307630

Ion Ratio Lower Upper

142 100

141 92.7 67.1 100.7

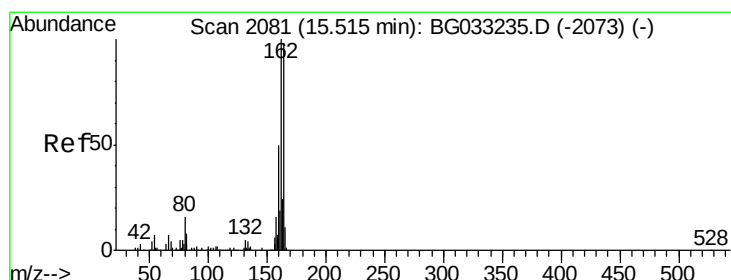
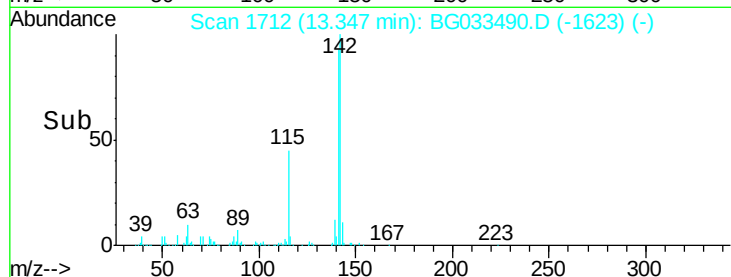
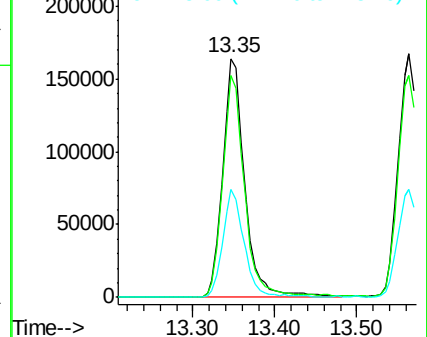
115 44.9 30.7 46.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.48 min Scan# 2075

Delta R.T. -0.01 min

Lab File: BG033490.D

Acq: 2 Apr 2018 16:54

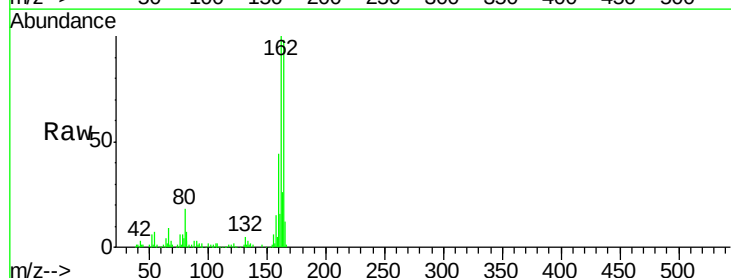
Tgt Ion:164 Resp: 129394

Ion Ratio Lower Upper

164 100

162 102.1 78.8 118.2

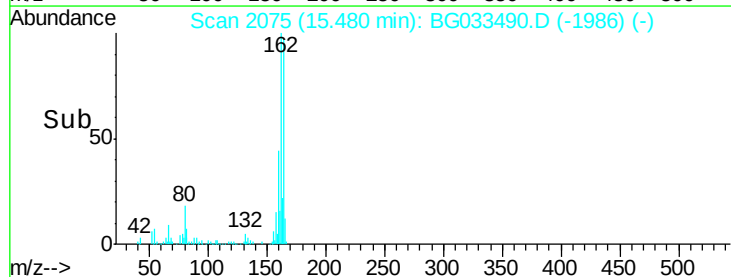
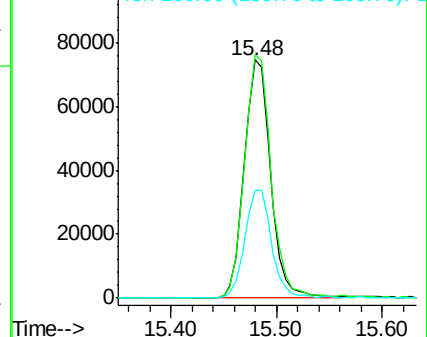
160 45.2 35.4 53.0

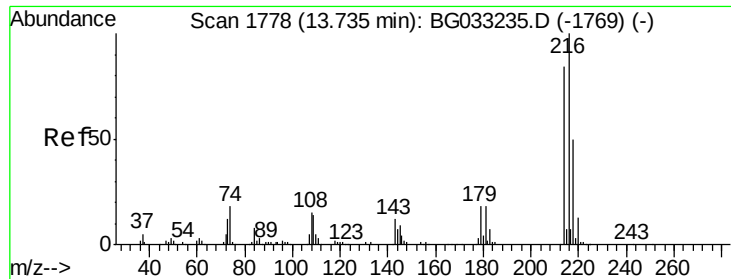


Abundance Ion 164.00 (163.70 to 164.70): E

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: 43.133 ng

RT: 13.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: BG033490.D

Acq: 2 Apr 2018 16:54

Instrument :

BNA_G

ClientSampleId :

PB107874BS

Tot Ion:216 Resp: 202164

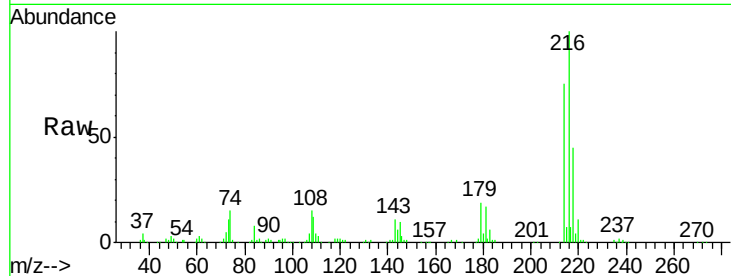
Ion Ratio Lower Upper

216 100

214 79.8 63.0 94.4

179 20.4 17.0 25.6

108 19.6 12.8 19.2#

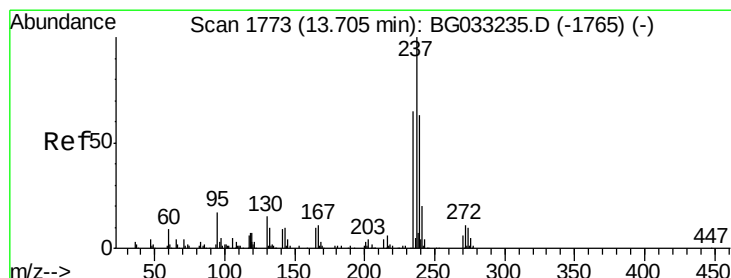
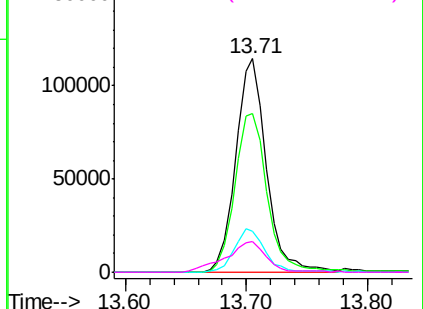
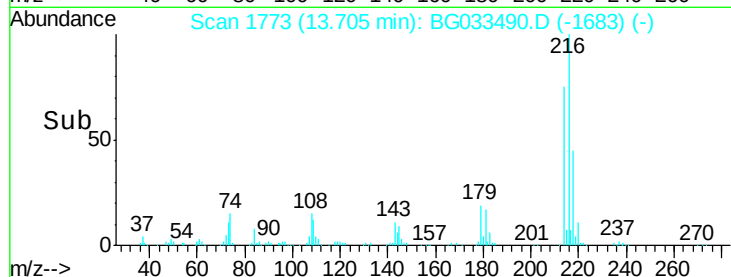


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 93.895 ng

RT: 13.68 min Scan# 1768

Delta R.T. -0.01 min

Lab File: BG033490.D

Acq: 2 Apr 2018 16:54

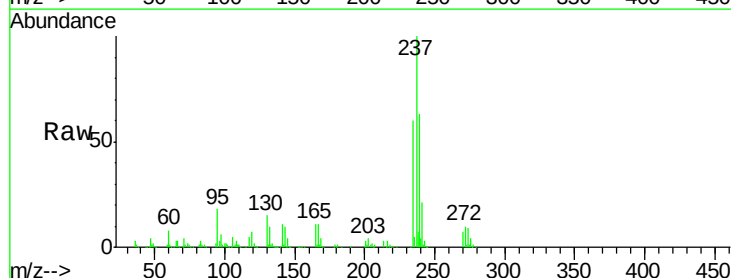
Tgt Ion:237 Resp: 257990

Ion Ratio Lower Upper

237 100

235 60.2 50.4 90.4

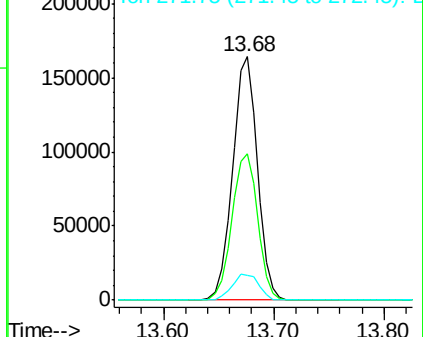
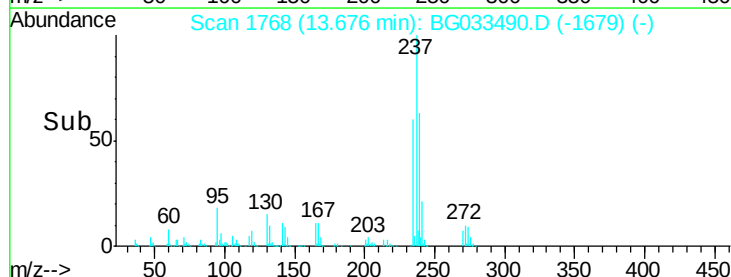
272 10.3 0.0 31.8

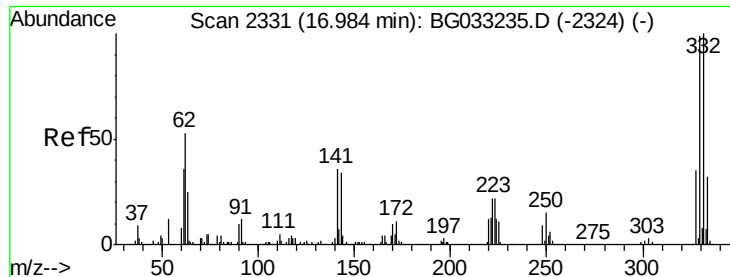


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

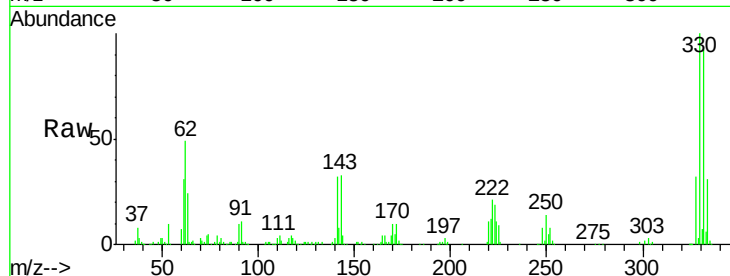




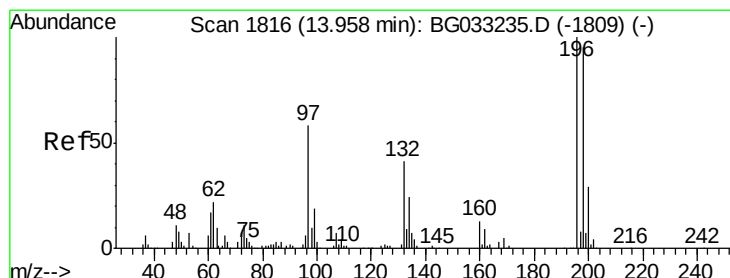
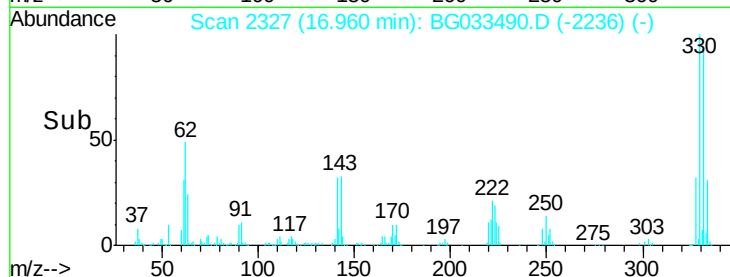
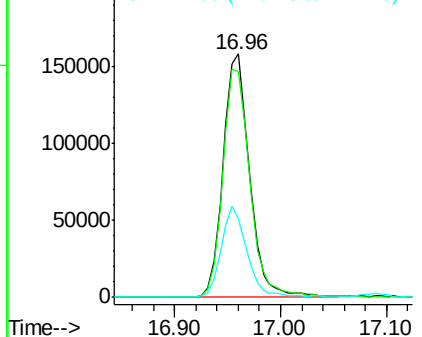
#41
 2,4,6-Tribromophenol
 Concen: 141.885 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BG033490.D
 Acq: 2 Apr 2018 16:54

Instrument :
 BNA_G
 ClientSampleId :
 PB107874BS

Tot Ion:330 Resp: 274581
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 36.6 25.2 37.8

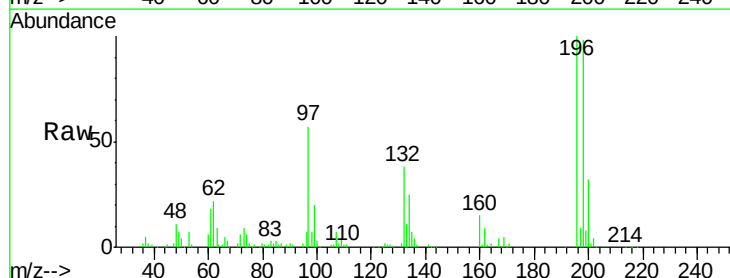


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

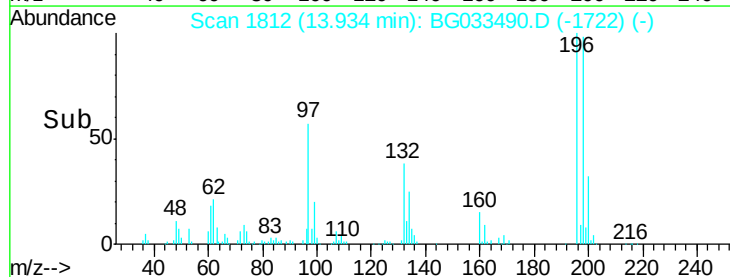
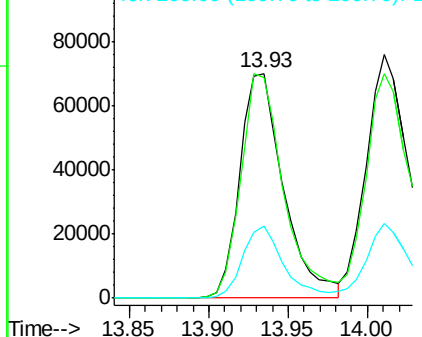


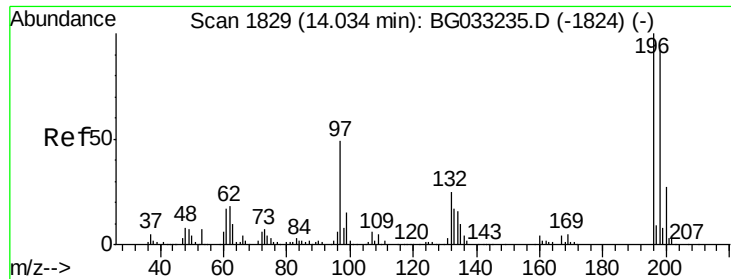
#42
 2,4,6-Trichlorophenol
 Concen: 49.366 ng
 RT: 13.93 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: BG033490.D
 Acq: 2 Apr 2018 16:54

Tgt Ion:196 Resp: 134432
 Ion Ratio Lower Upper
 196 100
 198 98.3 78.2 117.2
 200 32.0 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

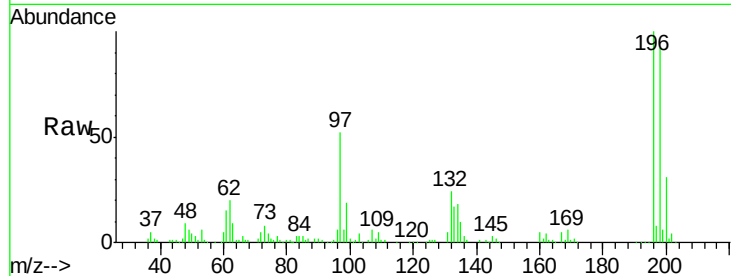




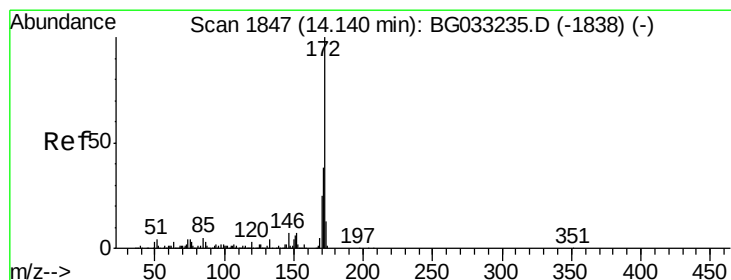
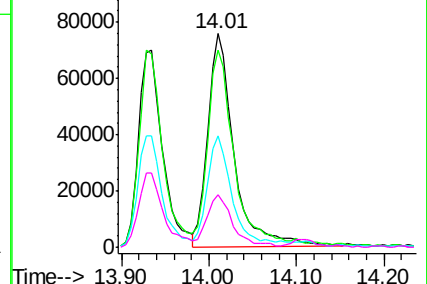
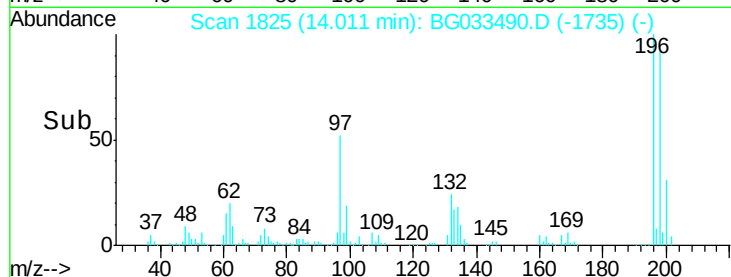
#43
 2,4,5-Trichlorophenol
 Concen: 48.557 ng
 RT: 14.01 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BG033490.D
 Acq: 2 Apr 2018 16:54

Instrument :
 BNA_G
 ClientSampleId :
 PB107874BS

Tot Ion:196 Resp: 156295
 Ion Ratio Lower Upper
 196 100
 198 92.4 76.2 114.4
 97 52.1 38.7 58.1
 132 24.4 20.2 30.2

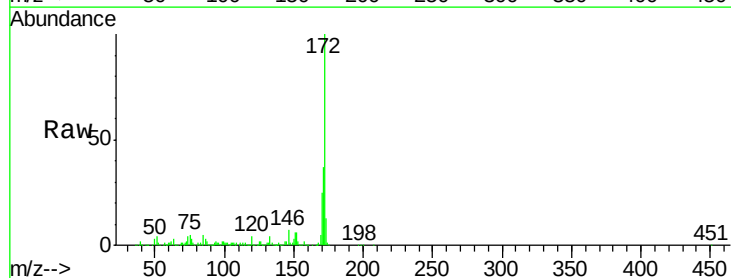


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

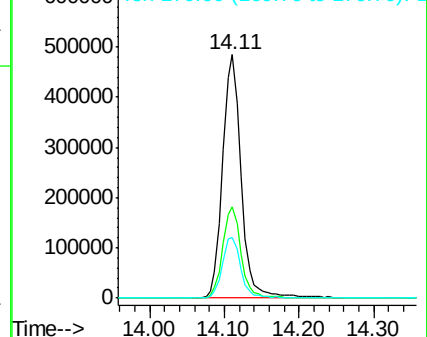
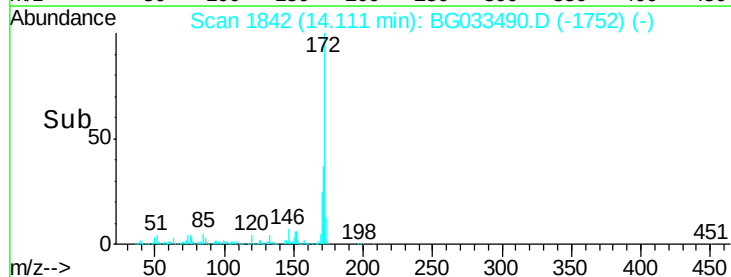


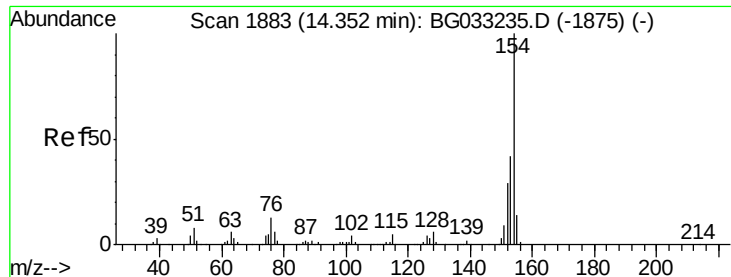
#44
 2-Fluorobiphenyl
 Concen: 93.651 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033490.D
 Acq: 2 Apr 2018 16:54

Tgt Ion:172 Resp: 839402
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.0 45.0
 170 24.9 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: 44.997 ng

RT: 14.32 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BG033490.D

Acq: 2 Apr 2018 16:54

Instrument :

BNA_G

ClientSampleId :

PB107874BS

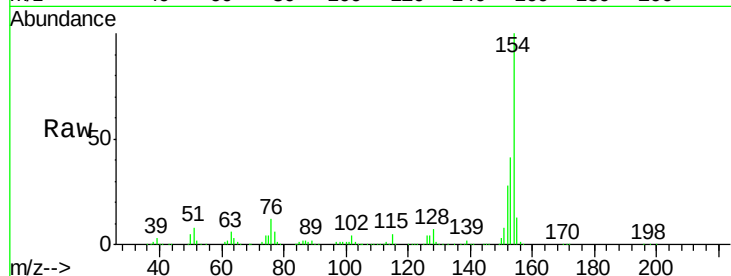
Tot Ion:154 Resp: 447312

Ion Ratio Lower Upper

154 100

153 41.3 19.8 59.8

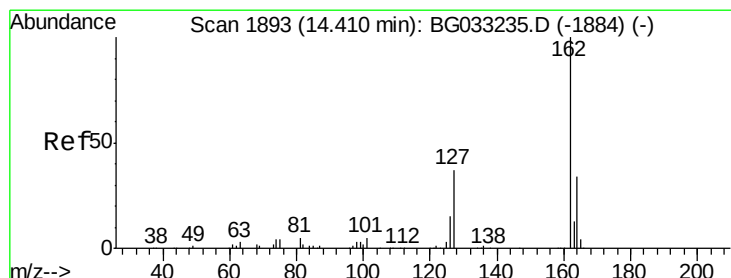
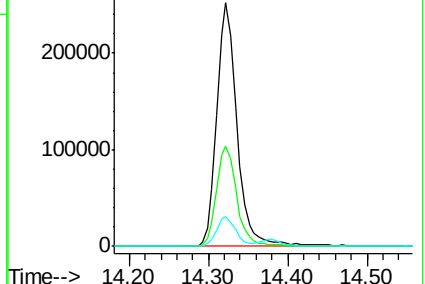
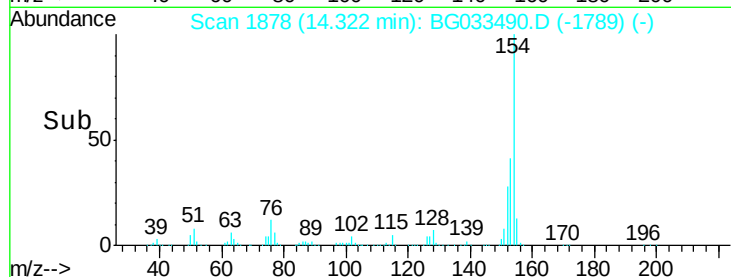
76 12.3 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 44.146 ng

RT: 14.38 min Scan# 1887

Delta R.T. -0.01 min

Lab File: BG033490.D

Acq: 2 Apr 2018 16:54

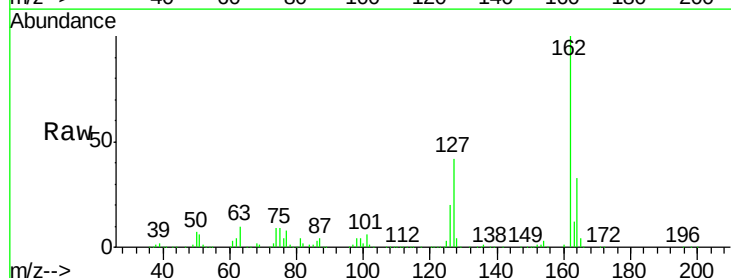
Tgt Ion:162 Resp: 338382

Ion Ratio Lower Upper

162 100

127 41.7 30.7 46.1

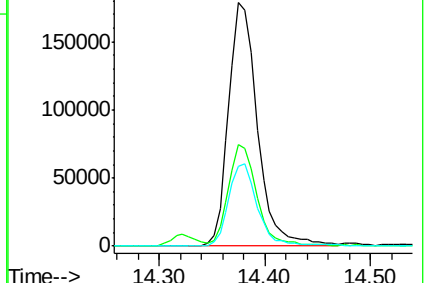
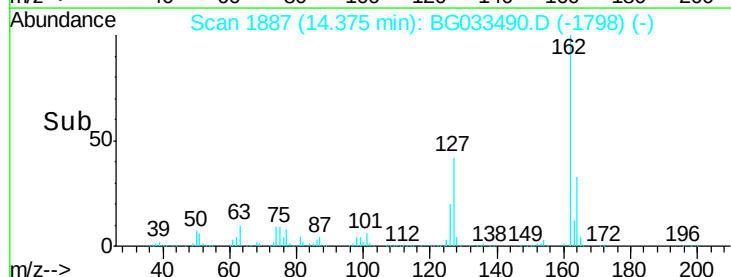
164 33.0 26.0 39.0

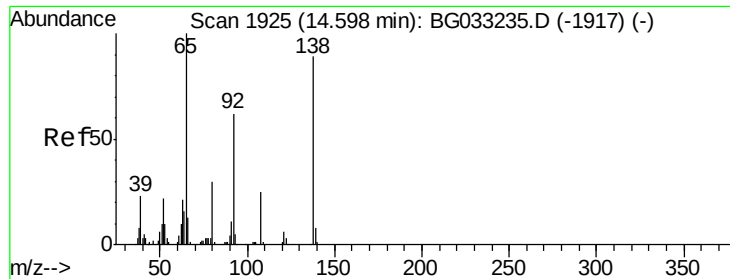


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

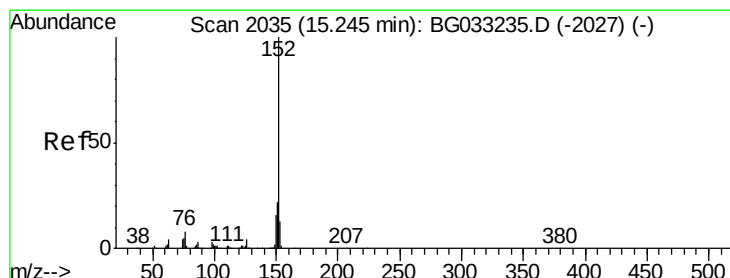
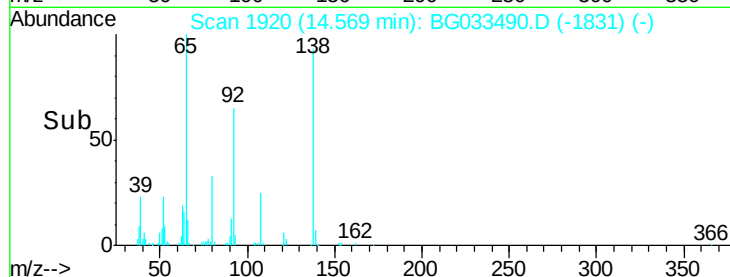
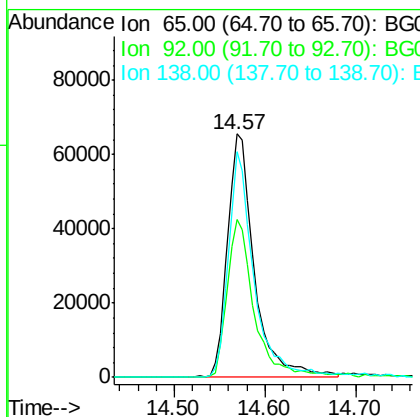
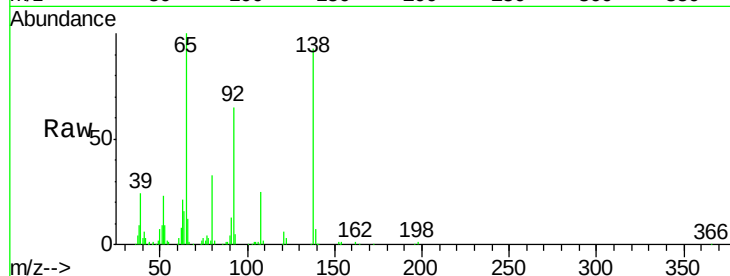




#47
2-Nitroaniline
Concen: 47.147 ng
RT: 14.57 min Scan# 1920
Delta R.T. -0.01 min
Lab File: BG033490.D
Acq: 2 Apr 2018 16:54

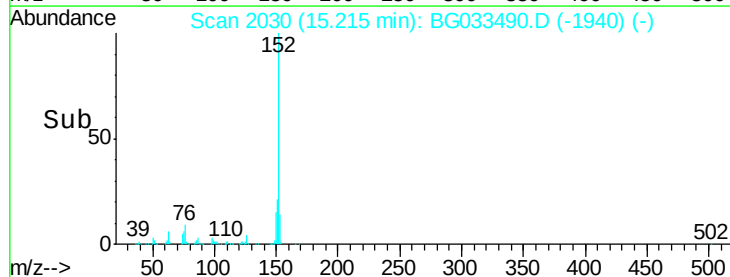
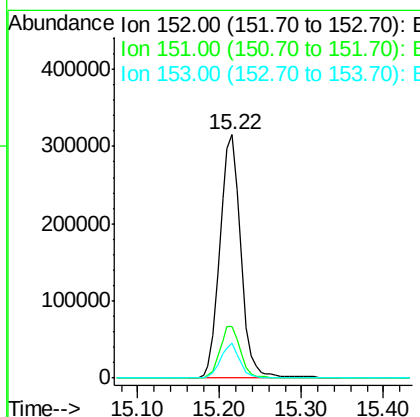
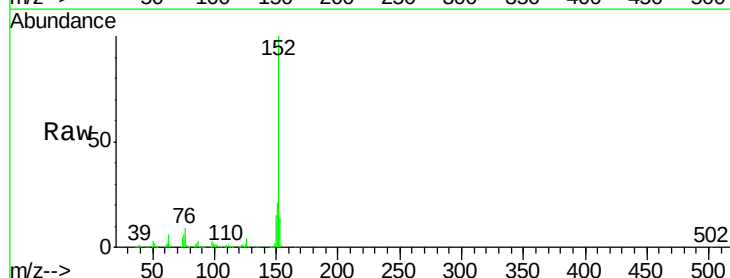
Instrument :
BNA_G
ClientSampleId :
PB107874BS

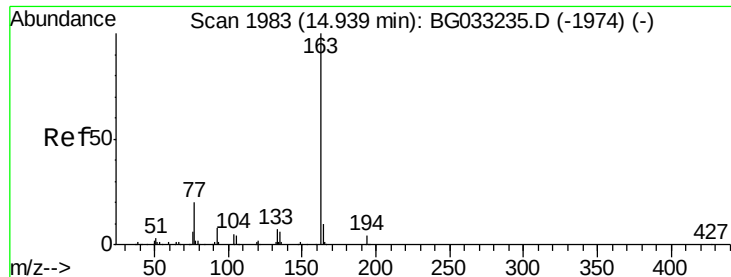
Tot Ion: 65 Resp: 135357
Ion Ratio Lower Upper
65 100
92 65.0 54.6 82.0
138 92.5 72.9 109.3



#48
Acenaphthylene
Concen: 43.721 ng
RT: 15.22 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BG033490.D
Acq: 2 Apr 2018 16:54

Tgt Ion: 152 Resp: 559384
Ion Ratio Lower Upper
152 100
151 21.3 17.2 25.8
153 14.1 10.2 15.4





#49

Dimethylphthalate

Concen: 43.576 ng

RT: 14.91 min Scan# 1978

Delta R.T. -0.00 min

Lab File: BG033490.D

Acq: 2 Apr 2018 16:54

Instrument :

BNA_G

ClientSampleId :

PB107874BS

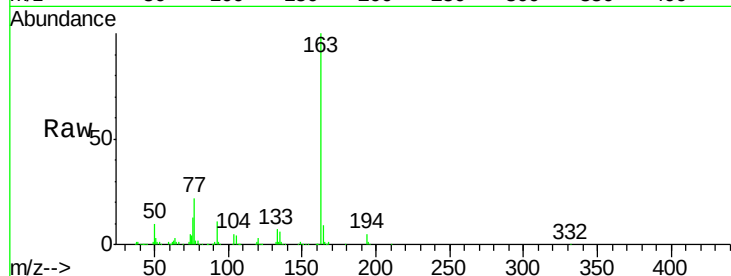
Tot Ion:163 Resp: 490702

Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.2

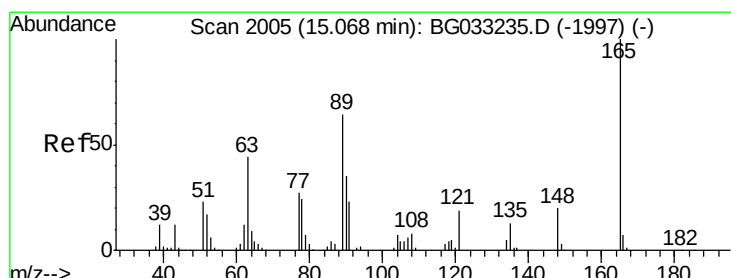
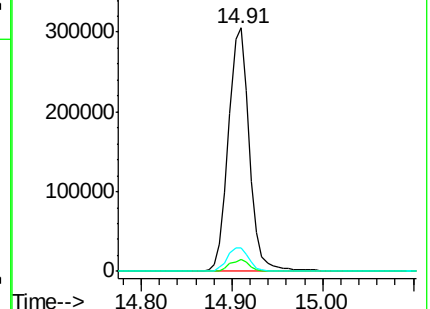
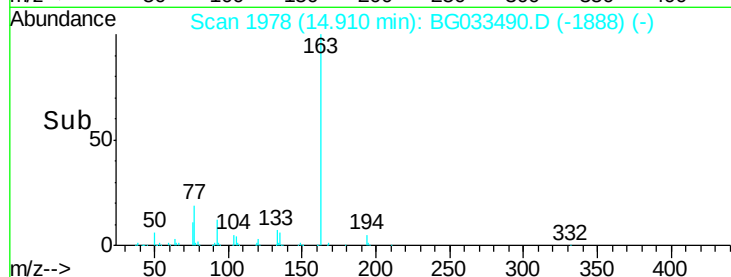
164 9.5 8.2 12.4



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: 47.512 ng

RT: 15.04 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BG033490.D

Acq: 2 Apr 2018 16:54

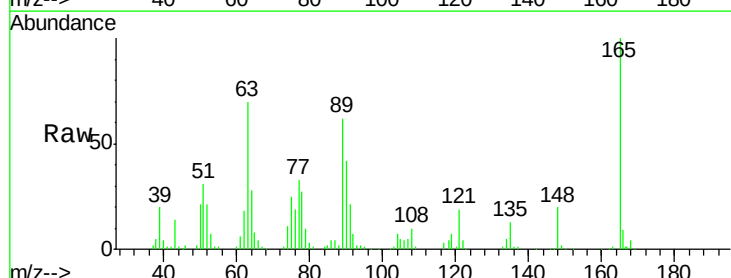
Tgt Ion:165 Resp: 109398

Ion Ratio Lower Upper

165 100

63 69.7 52.7 79.1

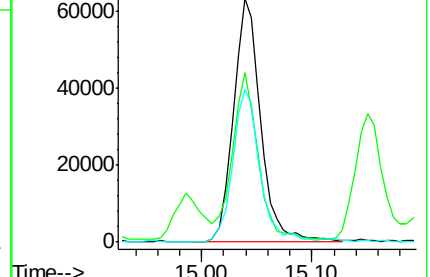
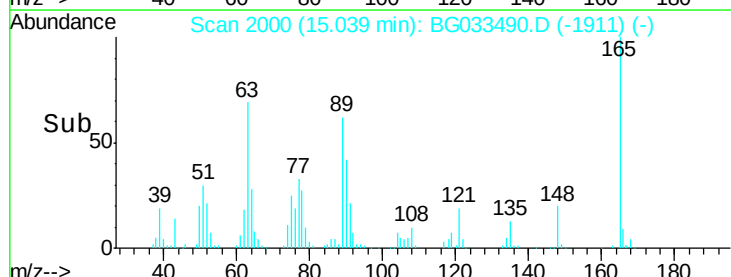
89 62.5 49.2 73.8

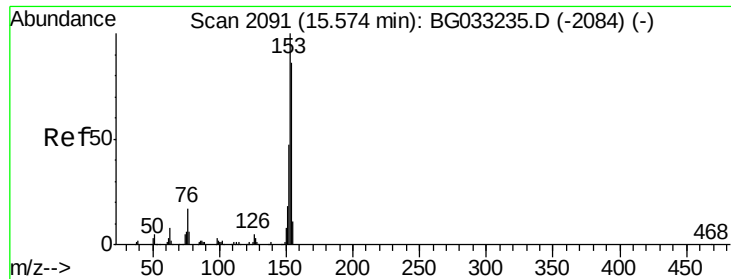


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 49.488 ng

RT: 15.54 min Scan# 2086

Delta R.T. -0.01 min

Lab File: BG033490.D

Acq: 2 Apr 2018 16:54

Instrument :

BNA_G

ClientSampleId :

PB107874BS

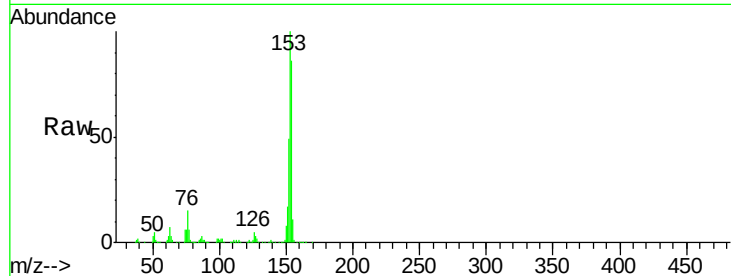
Tot Ion:154 Resp: 408164

Ion Ratio Lower Upper

154 100

153 116.0 90.4 135.6

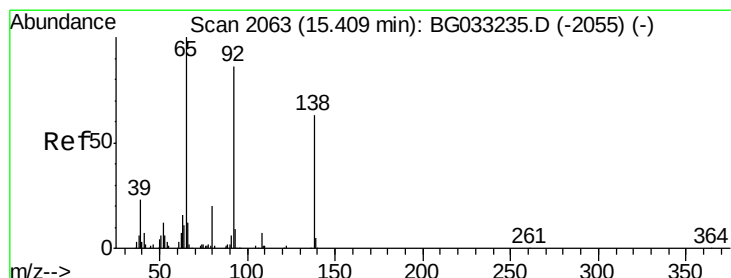
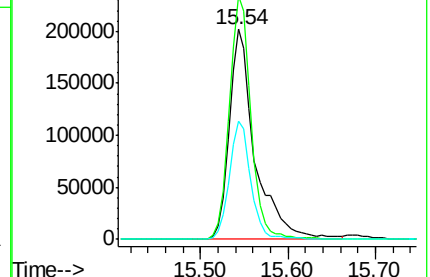
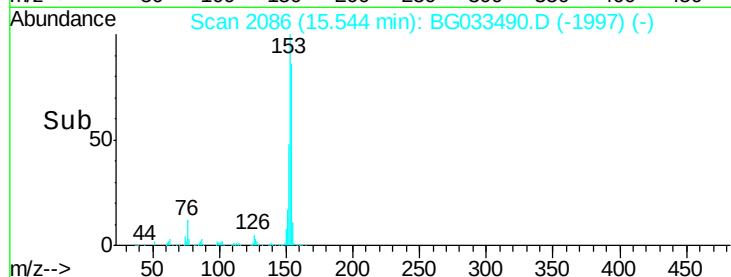
152 56.3 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 11.179 ng

RT: 15.38 min Scan# 2058

Delta R.T. -0.00 min

Lab File: BG033490.D

Acq: 2 Apr 2018 16:54

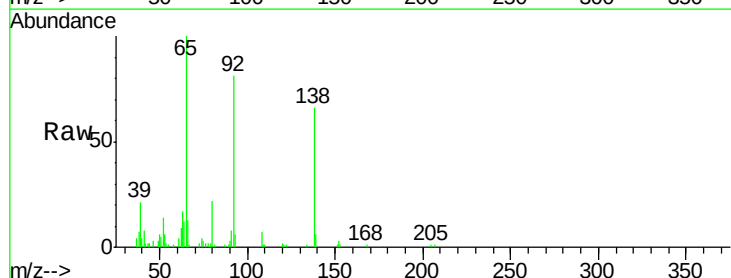
Tgt Ion:138 Resp: 26986

Ion Ratio Lower Upper

138 100

108 10.4 17.5 26.3#

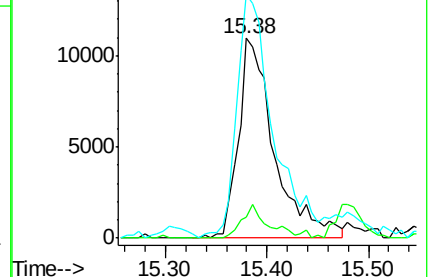
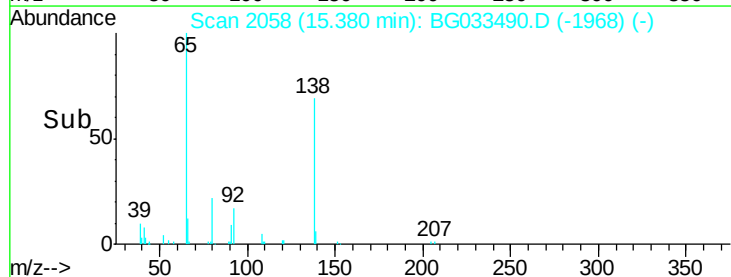
92 121.8 105.8 158.8

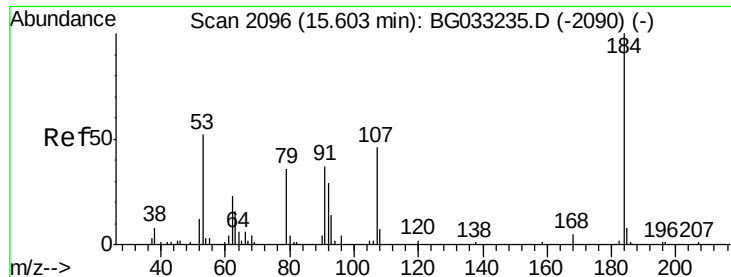


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

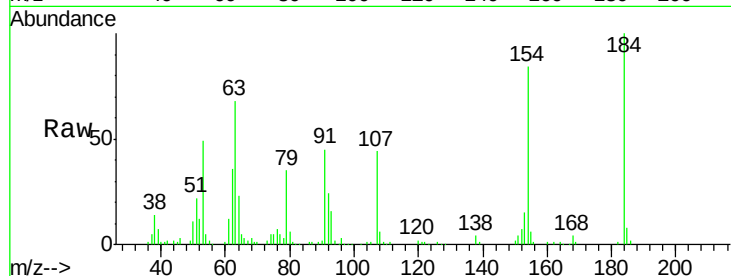




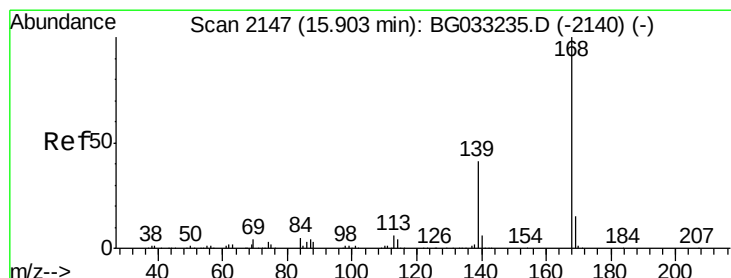
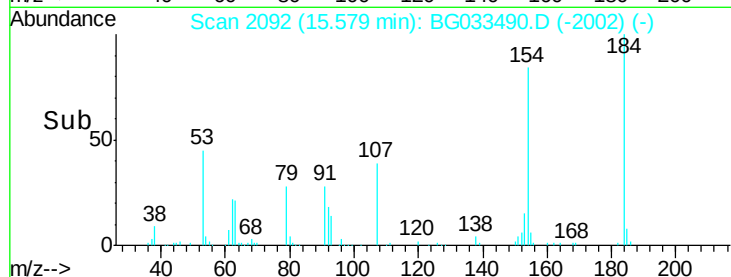
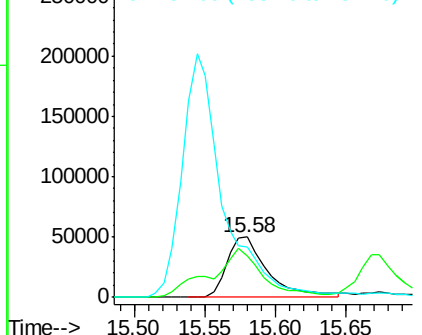
#53
2,4-Dinitrophenol
Concen: 83.788 ng
RT: 15.58 min Scan# 2092
Delta R.T. -0.00 min
Lab File: BG033490.D
Acq: 2 Apr 2018 16:54

Instrument :
BNA_G
ClientSampleId :
PB107874BS

Tot Ion:184 Resp: 100384
Ion Ratio Lower Upper
184 100
63 68.2 59.8 89.8
154 84.2 101.8 152.8#

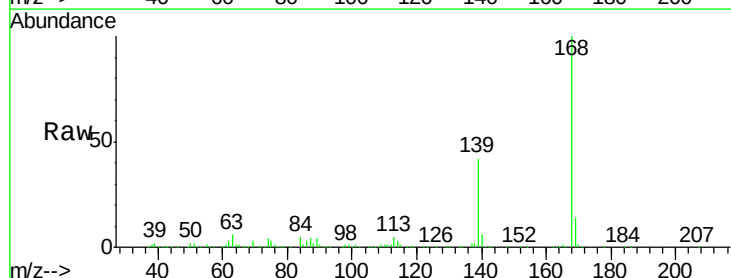


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGO
Ion 154.00 (153.70 to 154.70): E

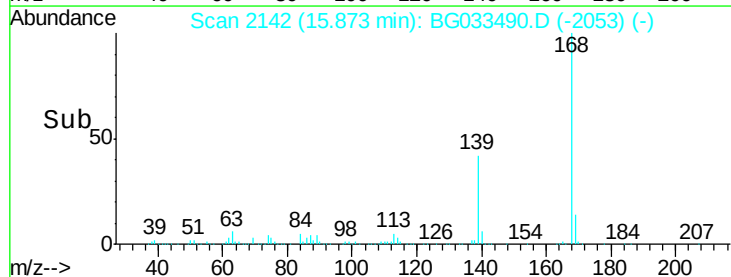
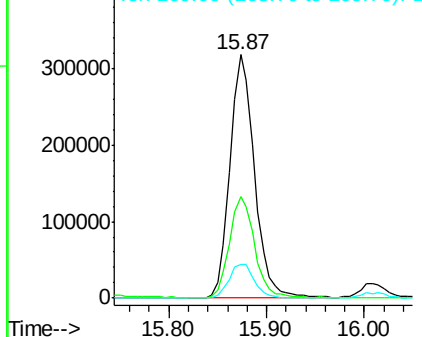


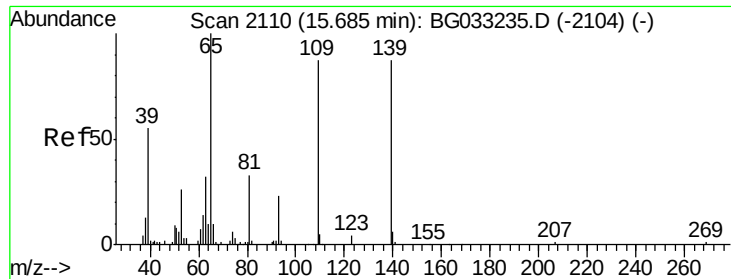
#54
Dibenzofuran
Concen: 45.743 ng
RT: 15.87 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG033490.D
Acq: 2 Apr 2018 16:54

Tgt Ion:168 Resp: 557283
Ion Ratio Lower Upper
168 100
139 41.9 28.6 43.0
169 14.0 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

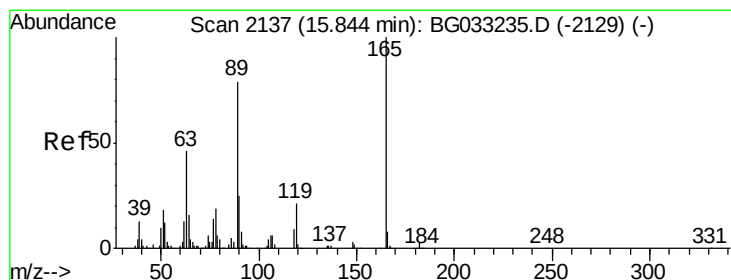
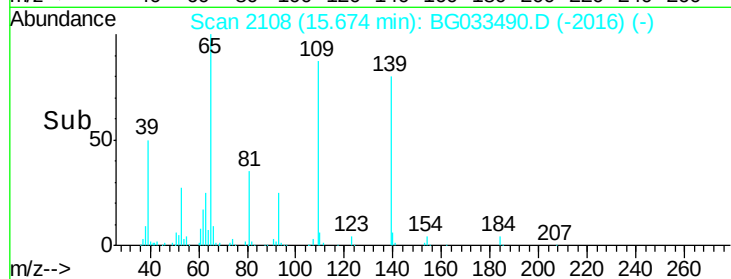
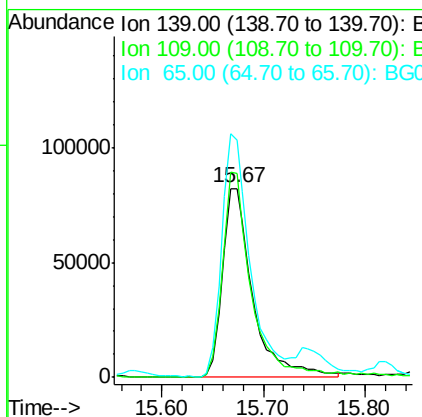
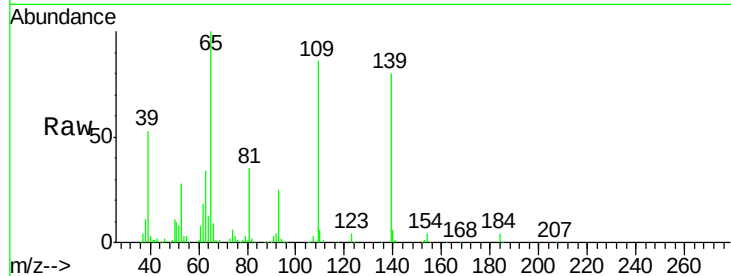




#55
4-Nitrophenol
Concen: 100.130 ng
RT: 15.67 min Scan# 2108
Delta R.T. 0.01 min
Lab File: BG033490.D
Acq: 2 Apr 2018 16:54

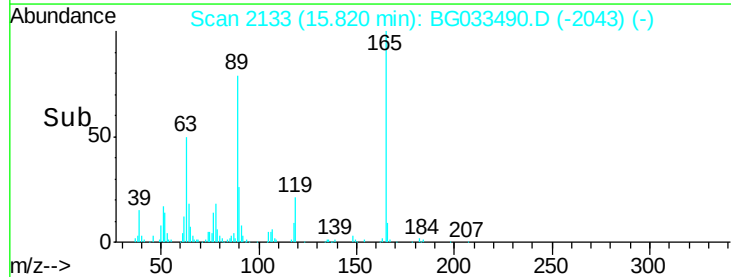
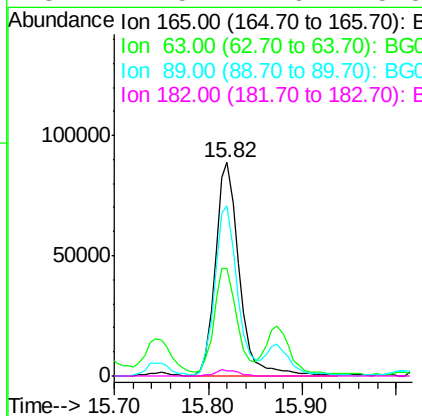
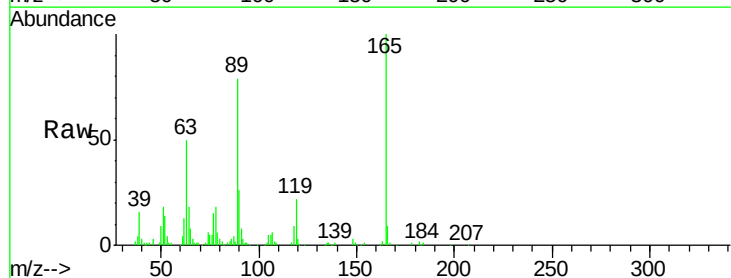
Instrument :
BNA_G
ClientSampleId :
PB107874BS

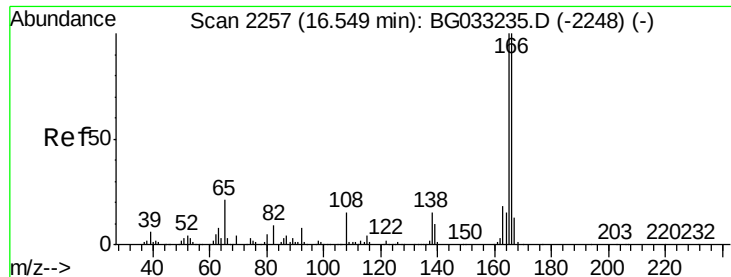
Tot Ion:139 Resp: 169964
Ion Ratio Lower Upper
139 100
109 108.2 62.2 102.2#
65 125.6 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 46.744 ng
RT: 15.82 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BG033490.D
Acq: 2 Apr 2018 16:54

Tgt Ion:165 Resp: 158471
Ion Ratio Lower Upper
165 100
63 50.4 42.0 63.0
89 79.5 66.9 100.3
182 2.5 2.6 3.8#





#57

Fluorene

Concen: 45.082 ng

RT: 16.52 min Scan# 2252

Delta R.T. -0.00 min

Lab File: BG033490.D

Acq: 2 Apr 2018 16:54

Instrument :

BNA_G

ClientSampleId :

PB107874BS

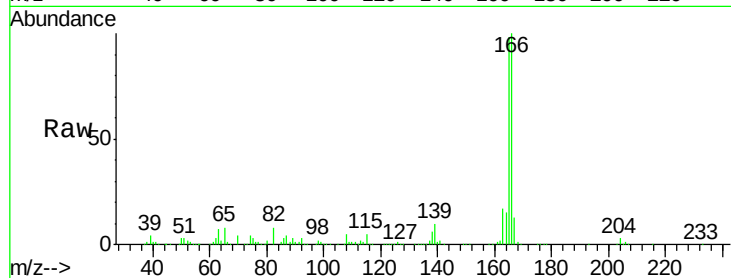
Tot Ion:166 Resp: 467906

Ion Ratio Lower Upper

166 100

165 98.5 80.6 121.0

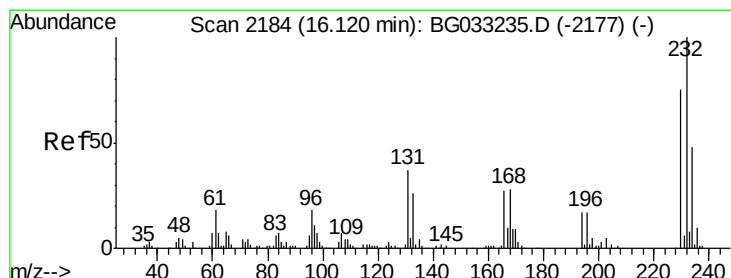
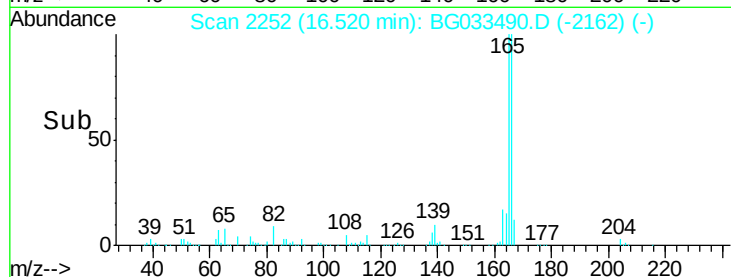
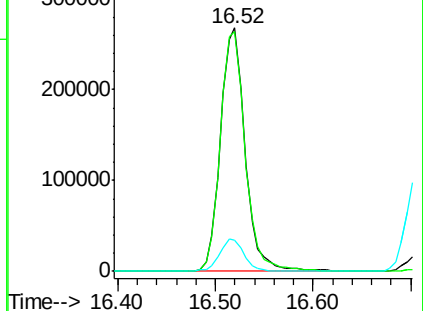
167 12.7 10.4 15.6



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: 49.072 ng

RT: 16.09 min Scan# 2179

Delta R.T. -0.00 min

Lab File: BG033490.D

Acq: 2 Apr 2018 16:54

Tgt Ion:232 Resp: 148699

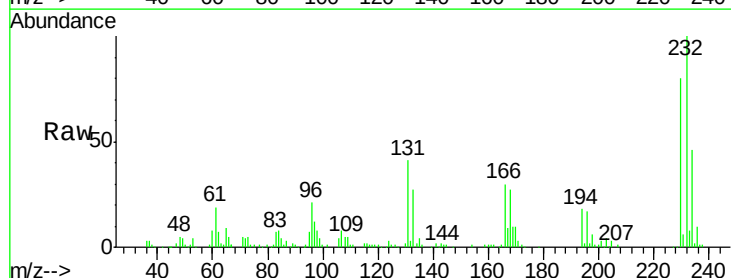
Ion Ratio Lower Upper

232 100

131 41.0 33.5 50.3

130 2.6 2.2 3.2

166 31.1 24.8 37.2

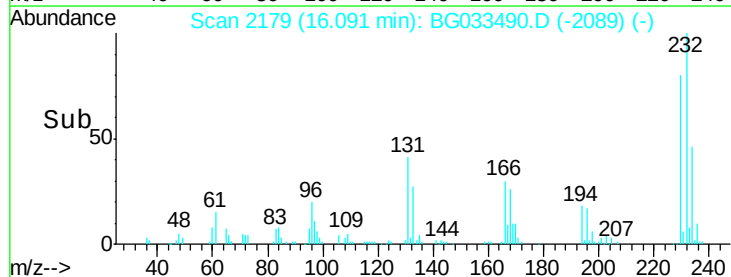
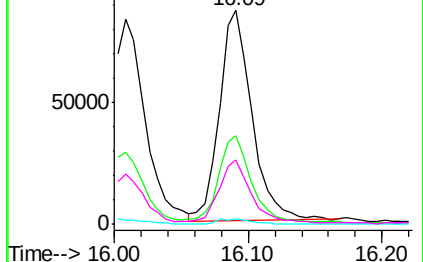


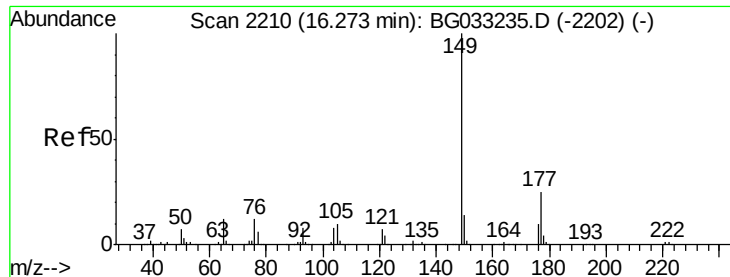
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 45.408 ng

RT: 16.24 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BG033490.D

Acq: 2 Apr 2018 16:54

Instrument :

BNA_G

ClientSampleId :

PB107874BS

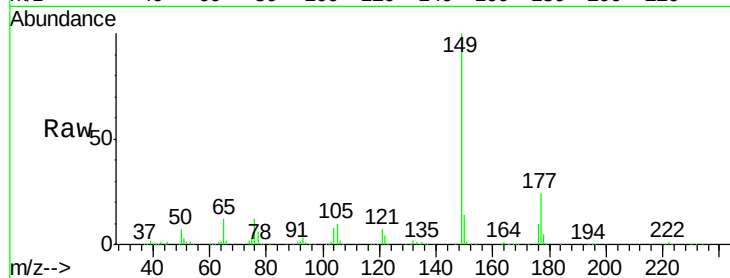
Tot Ion:149 Resp: 496512

Ion Ratio Lower Upper

149 100

177 24.5 18.5 27.7

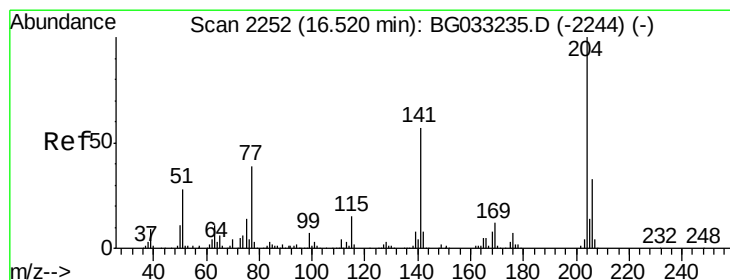
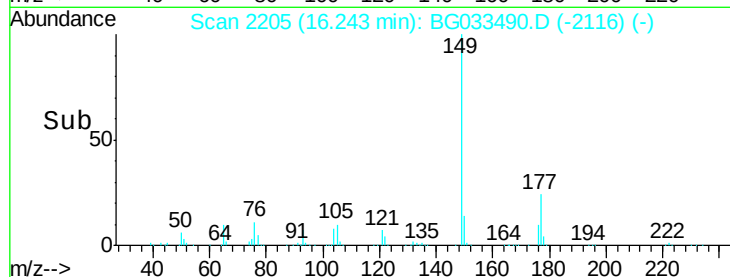
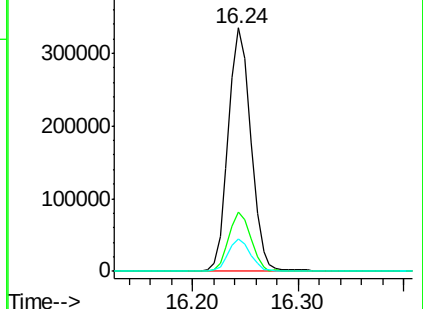
150 13.5 10.2 15.2



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: 44.108 ng

RT: 16.49 min Scan# 2247

Delta R.T. -0.01 min

Lab File: BG033490.D

Acq: 2 Apr 2018 16:54

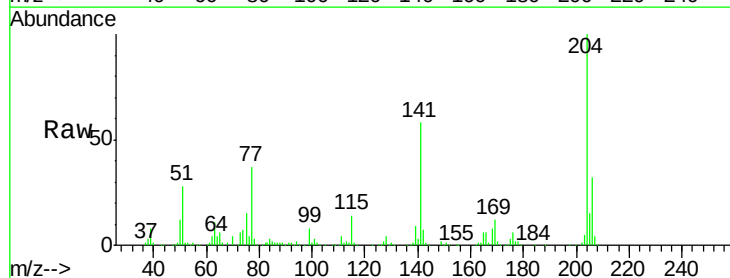
Tgt Ion:204 Resp: 263166

Ion Ratio Lower Upper

204 100

206 31.5 26.2 39.2

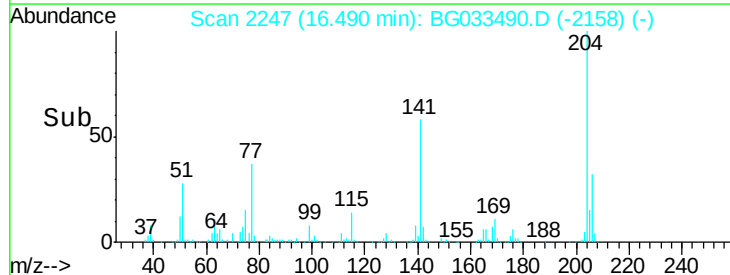
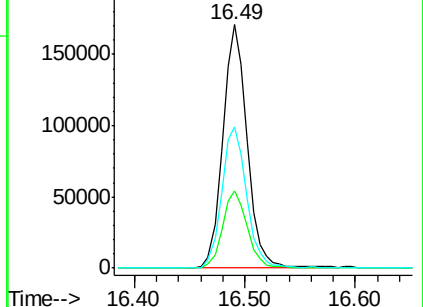
141 58.0 45.8 68.6

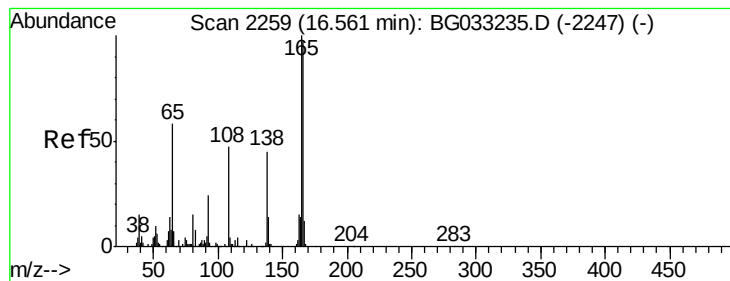


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 36.327 ng

RT: 16.53 min Scan# 2254

Delta R.T. -0.00 min

Lab File: BG033490.D

Acq: 2 Apr 2018 16:54

Instrument :

BNA_G

ClientSampleId :

PB107874BS

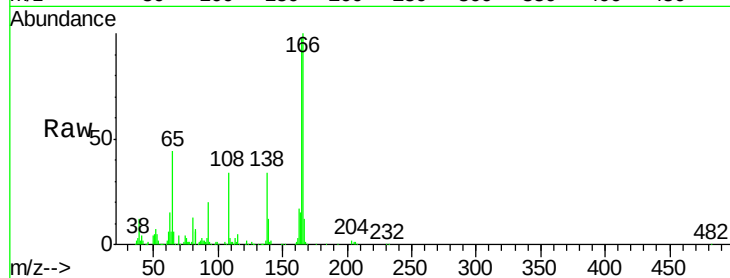
Tot Ion:138 Resp: 88802

Ion Ratio Lower Upper

138 100

92 58.5 40.1 80.1

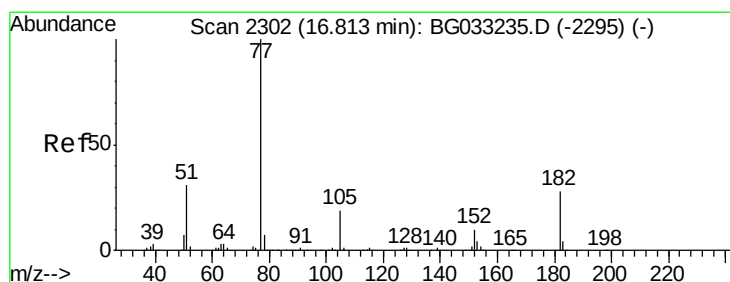
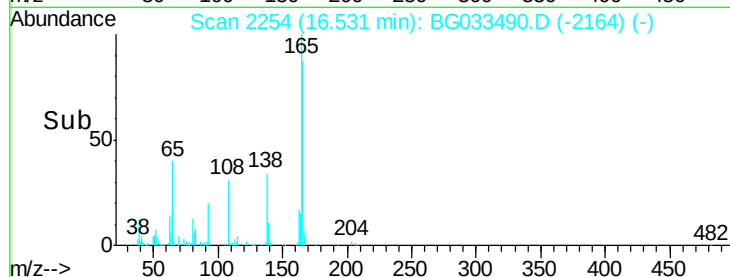
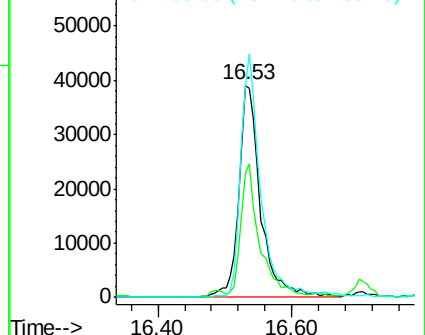
108 99.6 65.4 105.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 46.712 ng

RT: 16.78 min Scan# 2297

Delta R.T. -0.00 min

Lab File: BG033490.D

Acq: 2 Apr 2018 16:54

Tgt Ion: 77 Resp: 494779

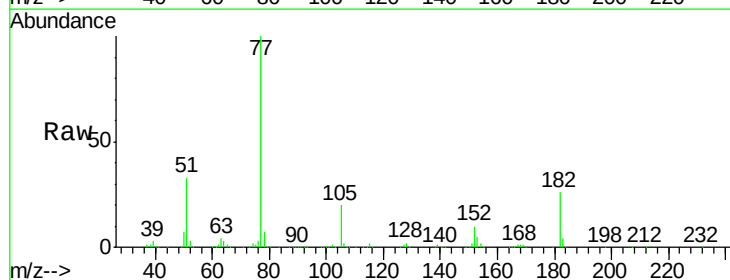
Ion Ratio Lower Upper

77 100

182 26.2 7.4 47.4

105 20.1 0.3 40.3

51 32.8 11.6 51.6

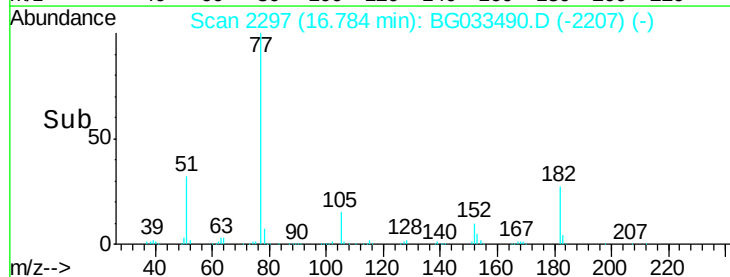
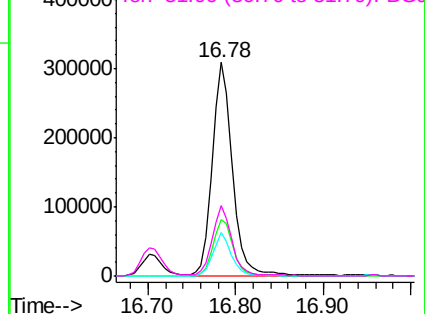


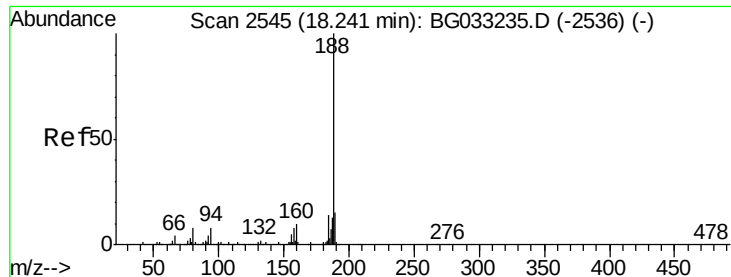
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

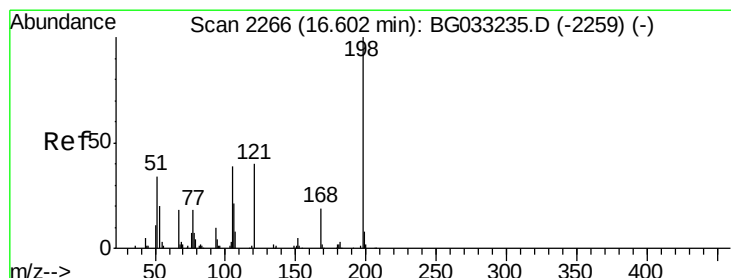
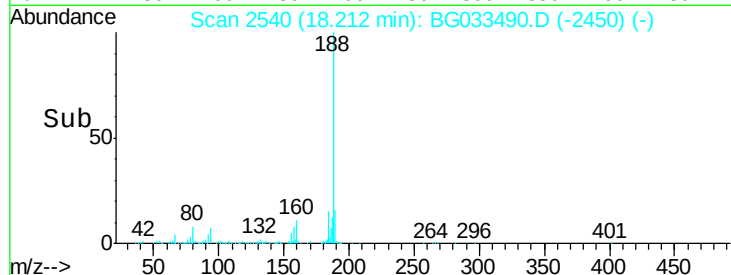
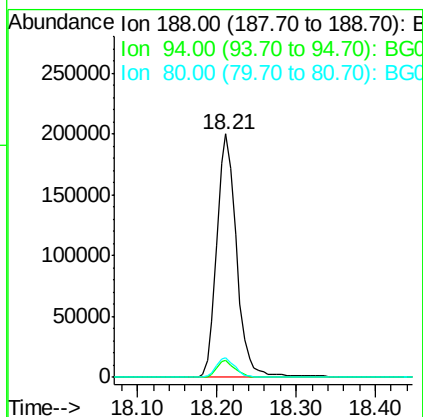
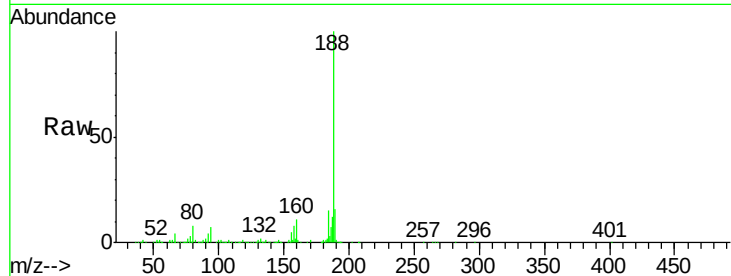




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2540
 Delta R.T. -0.00 min
 Lab File: BG033490.D
 Acq: 2 Apr 2018 16:54

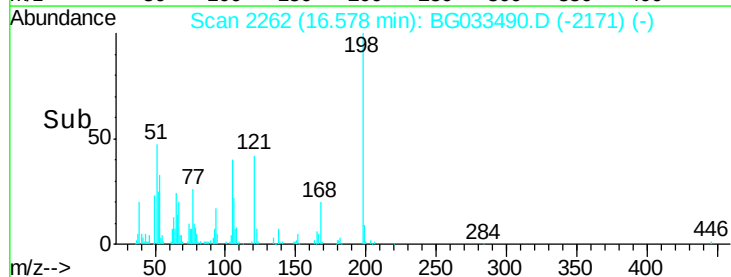
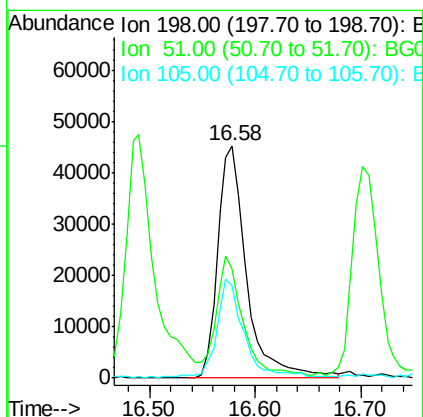
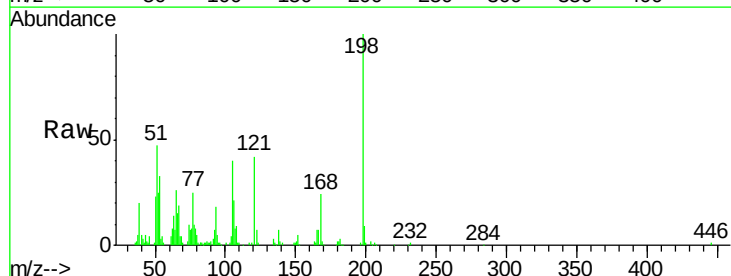
Instrument :
 BNA_G
 ClientSampleID :
 PB107874BS

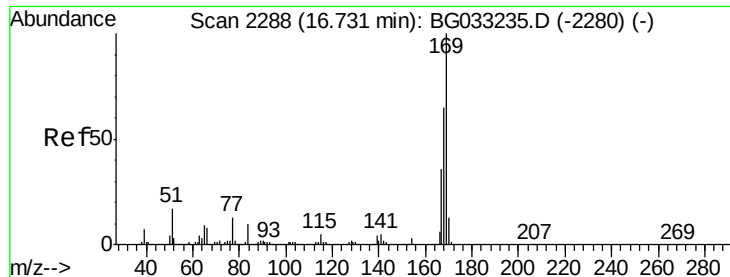
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.9	6.9	10.3#
80	8.3	7.7	11.5



#64
 4,6-Dinitro-2-methylphenol
 Concen: 41.806 ng
 RT: 16.58 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: BG033490.D
 Acq: 2 Apr 2018 16:54

Tgt Ion	Ratio	Lower	Upper
198	100		
51	47.0	30.6	70.6
105	39.7	23.8	63.8

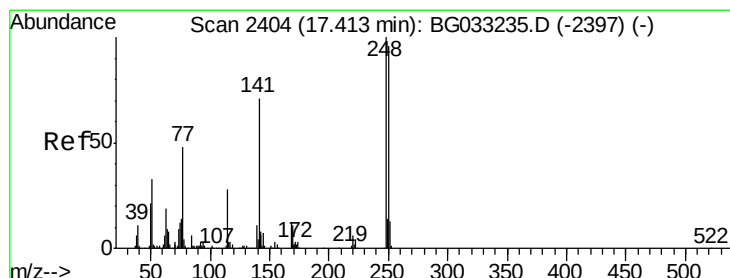
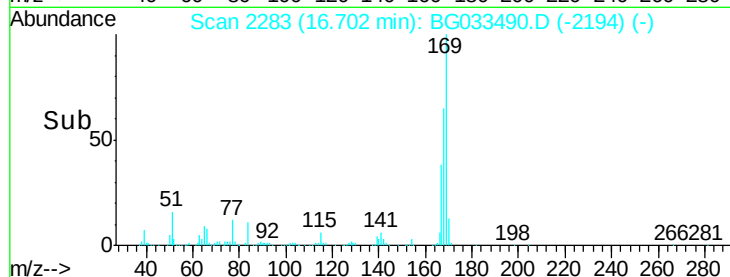
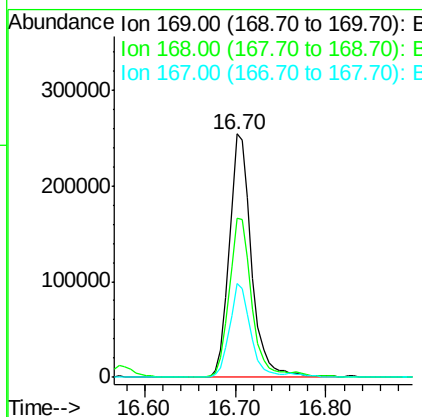
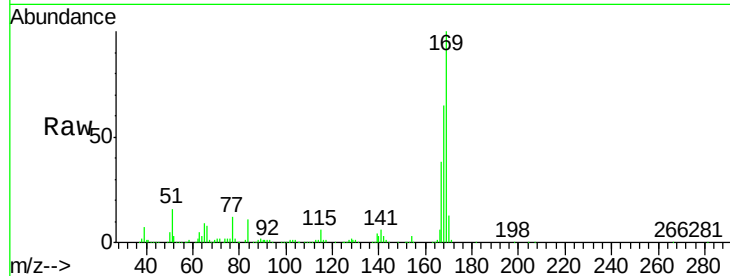




#65
n-Nitrosodiphenylamine
Concen: 43.882 ng
RT: 16.70 min Scan# 2283
Delta R.T. -0.01 min
Lab File: BG033490.D
Acq: 2 Apr 2018 16:54

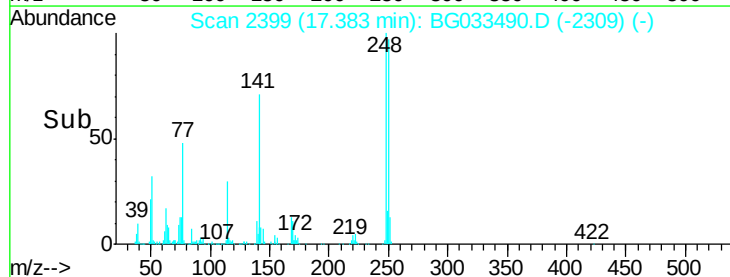
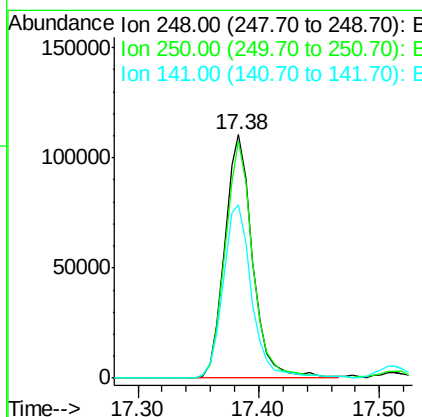
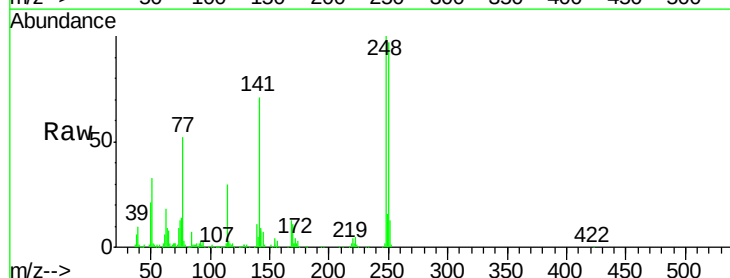
Instrument :
BNA_G
ClientSampleId :
PB107874BS

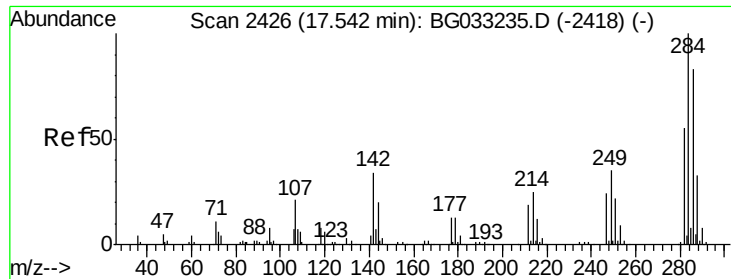
Tot Ion:169 Resp: 433931
Ion Ratio Lower Upper
169 100
168 65.2 55.7 83.5
167 38.3 30.1 45.1



#66
4-Bromophenyl-phenylether
Concen: 43.298 ng
RT: 17.38 min Scan# 2399
Delta R.T. -0.00 min
Lab File: BG033490.D
Acq: 2 Apr 2018 16:54

Tgt Ion:248 Resp: 176134
Ion Ratio Lower Upper
248 100
250 97.4 77.1 115.7
141 71.0 50.8 76.2

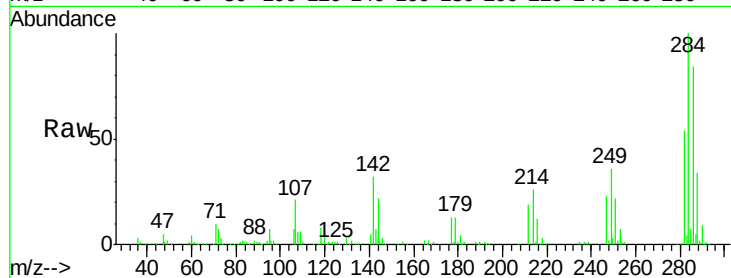




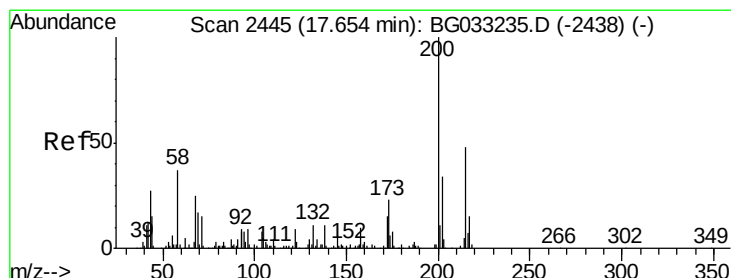
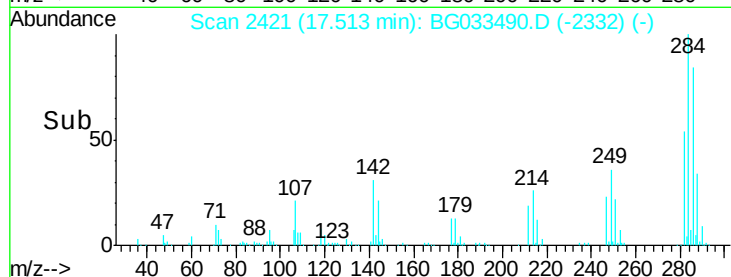
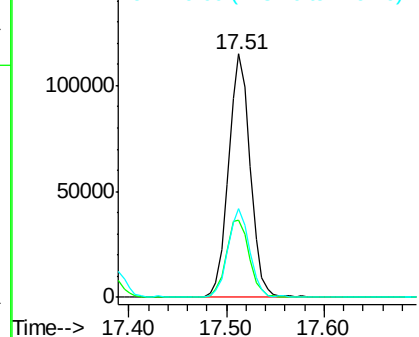
#67
Hexachlorobenzene
Concen: 41.280 ng
RT: 17.51 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BG033490.D
Acq: 2 Apr 2018 16:54

Instrument :
BNA_G
ClientSampleID :
PB107874BS

Tot Ion:284 Resp: 177221
Ion Ratio Lower Upper
284 100
142 31.6 26.8 40.2
249 36.3 26.3 39.5

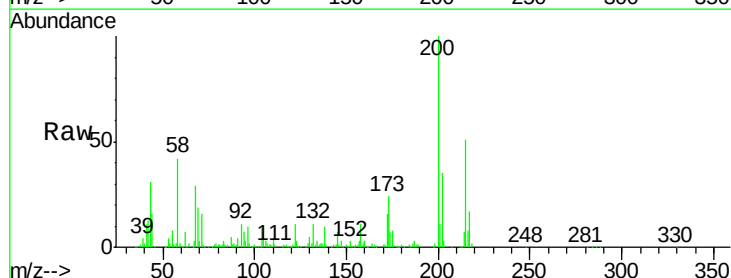


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

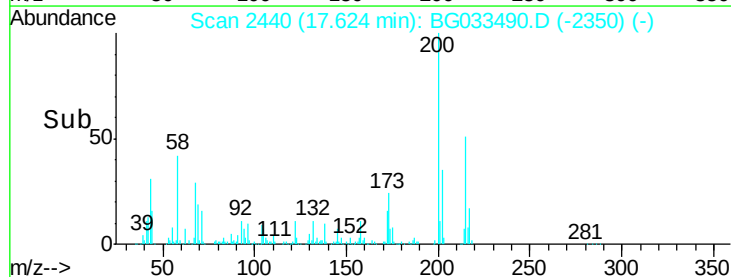
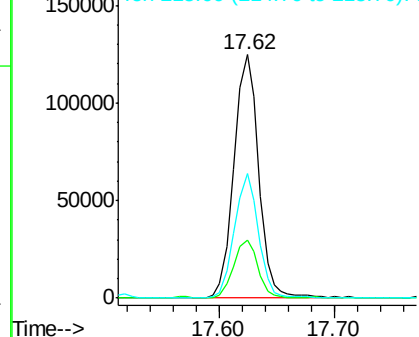


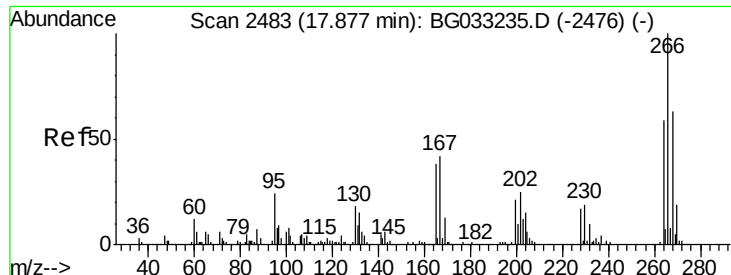
#68
Atrazine
Concen: 46.361 ng
RT: 17.62 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG033490.D
Acq: 2 Apr 2018 16:54

Tgt Ion:200 Resp: 185773
Ion Ratio Lower Upper
200 100
173 23.6 5.2 45.2
215 51.2 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

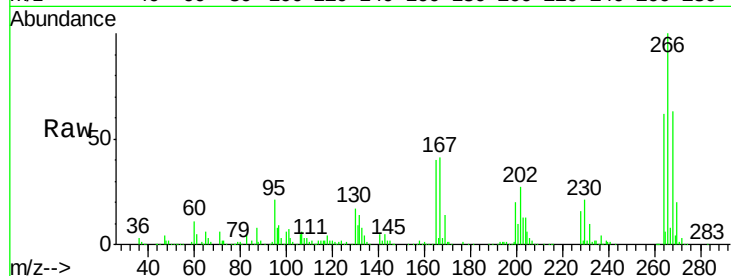




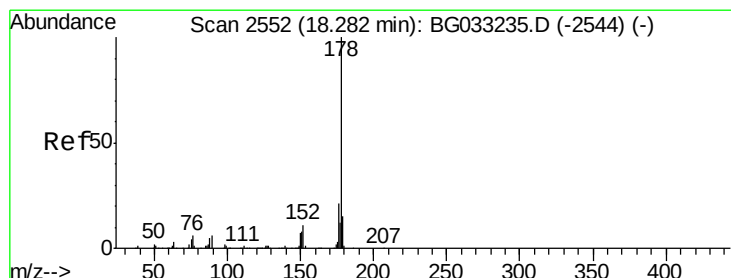
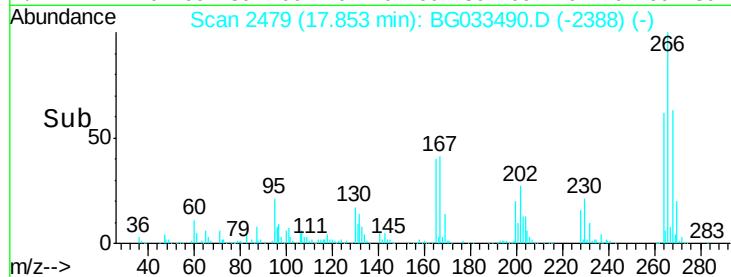
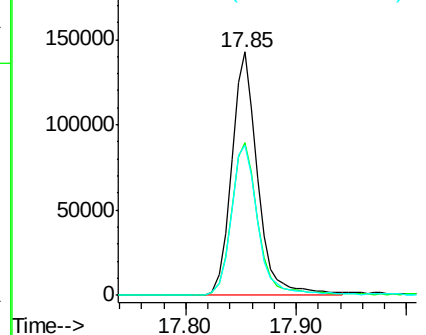
#69
 Pentachlorophenol
 Concen: 80.078 ng
 RT: 17.85 min Scan# 2479
 Delta R.T. 0.00 min
 Lab File: BG033490.D
 Acq: 2 Apr 2018 16:54

Instrument :
 BNA_G
 ClientSampleId :
 PB107874BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.9	51.1	76.7
264	61.9	49.6	74.4

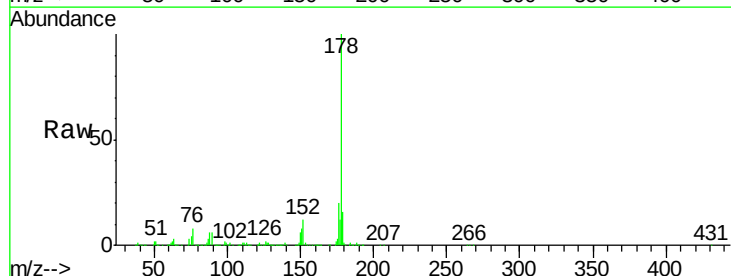


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

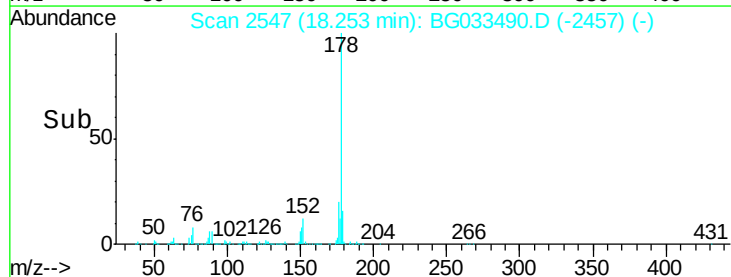
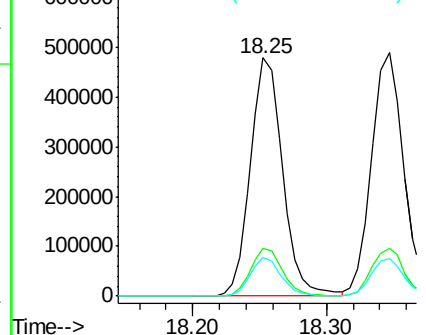


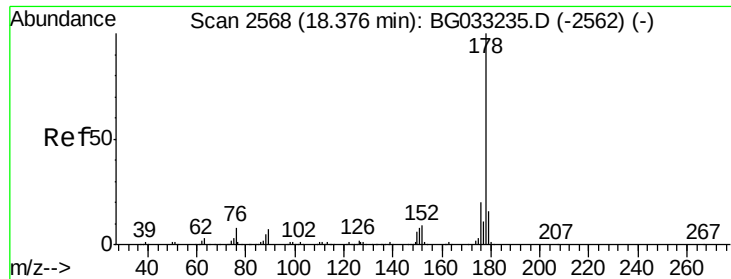
#70
 Phenanthrene
 Concen: 44.164 ng
 RT: 18.25 min Scan# 2547
 Delta R.T. -0.00 min
 Lab File: BG033490.D
 Acq: 2 Apr 2018 16:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.7	23.5
179	16.1	12.5	18.7



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





#71

Anthracene

Concen: 45.634 ng

RT: 18.35 min Scan# 2563

Delta R.T. -0.00 min

Lab File: BG033490.D

Acq: 2 Apr 2018 16:54

Instrument :

BNA_G

ClientSampleId :

PB107874BS

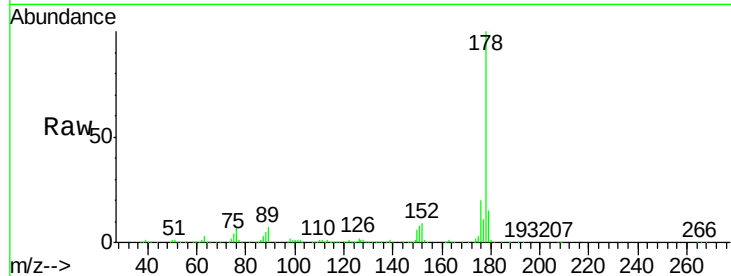
Tot Ion:178 Resp: 833513

Ion Ratio Lower Upper

178 100

176 19.7 16.0 24.0

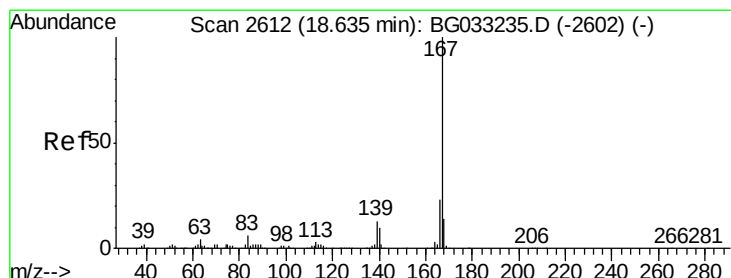
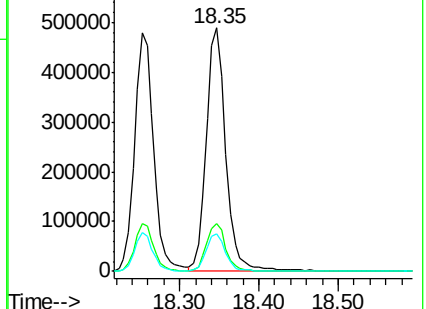
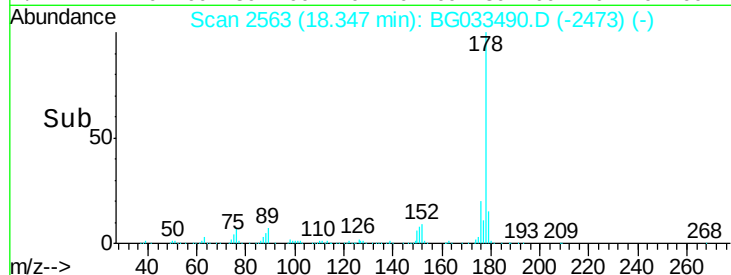
179 15.4 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 45.126 ng

RT: 18.61 min Scan# 2607

Delta R.T. -0.00 min

Lab File: BG033490.D

Acq: 2 Apr 2018 16:54

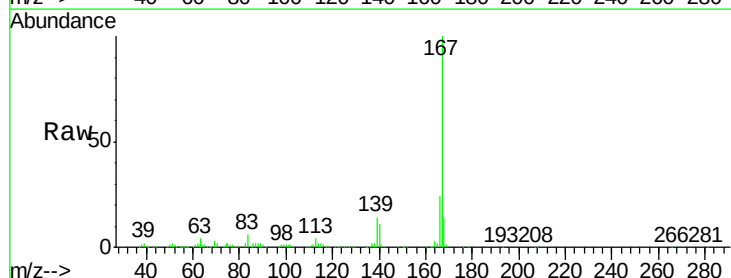
Tgt Ion:167 Resp: 730404

Ion Ratio Lower Upper

167 100

166 23.6 18.2 27.4

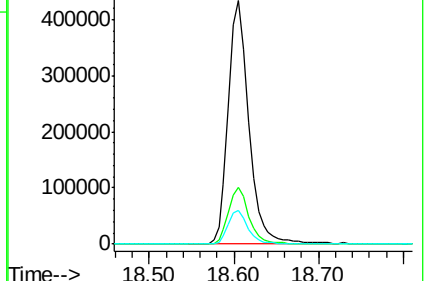
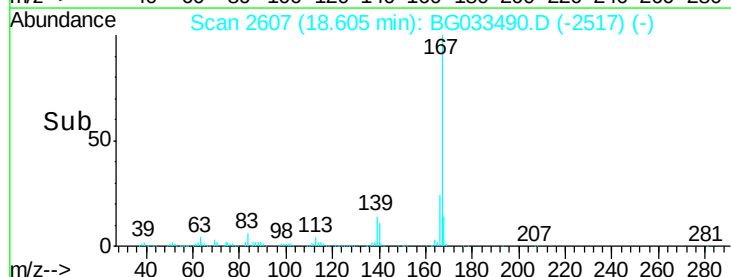
139 13.7 9.4 14.2

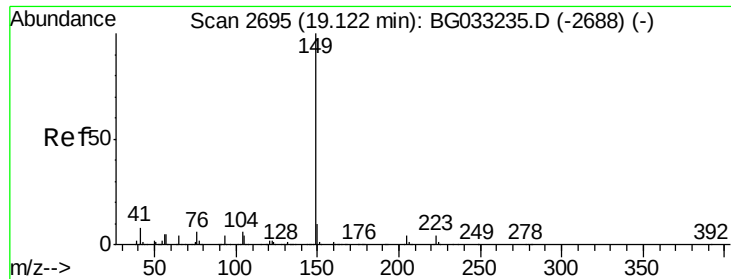


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

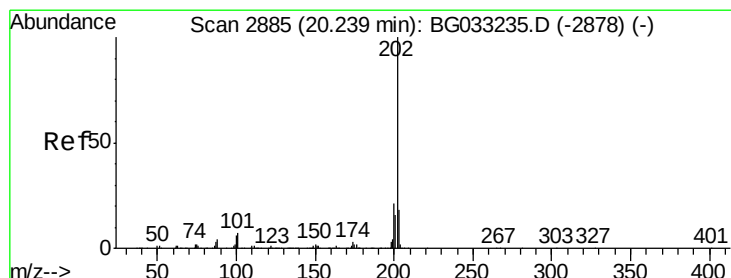
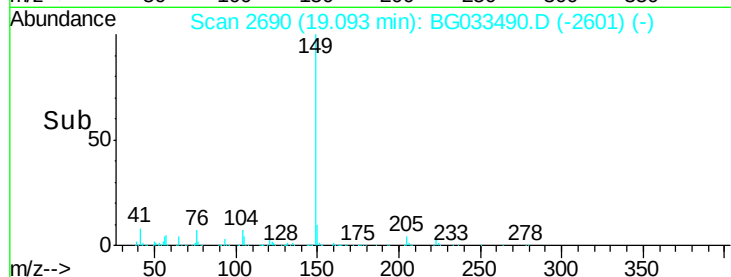
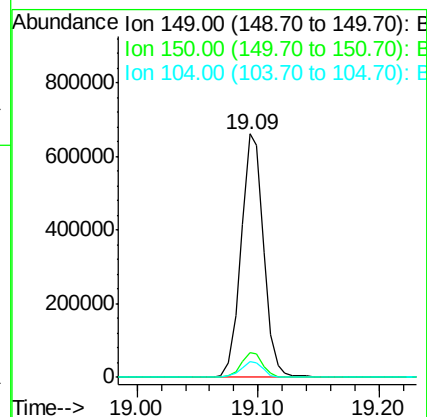
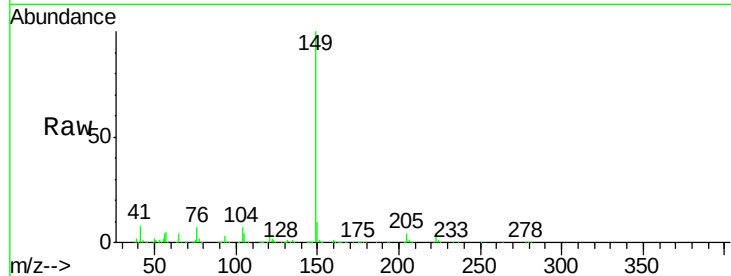




#73
Di-n-butylphthalate
Concen: 45.560 ng
RT: 19.09 min Scan# 2690
Delta R.T. -0.01 min
Lab File: BG033490.D
Acq: 2 Apr 2018 16:54

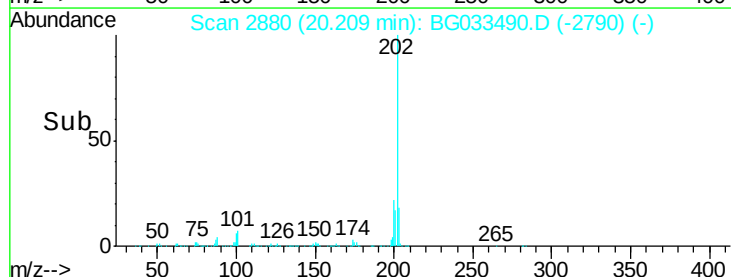
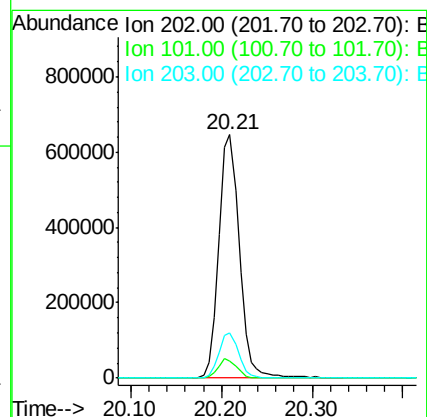
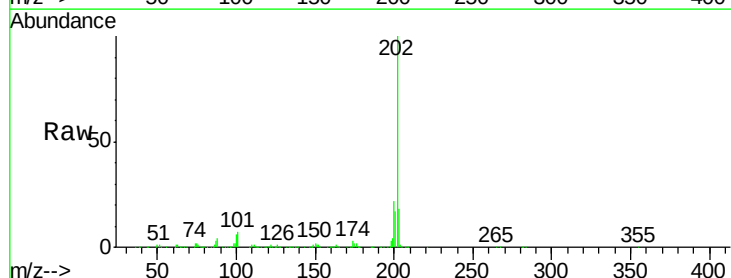
Instrument :
BNA_G
ClientSampleId :
PB107874BS

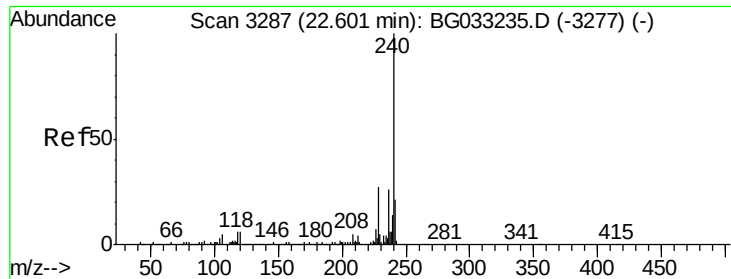
Tot Ion:149 Resp: 858325
Ion Ratio Lower Upper
149 100
150 10.0 7.8 11.6
104 6.5 3.9 5.9#



#74
Fluoranthene
Concen: 45.520 ng
RT: 20.21 min Scan# 2880
Delta R.T. -0.00 min
Lab File: BG033490.D
Acq: 2 Apr 2018 16:54

Tgt Ion:202 Resp: 1016178
Ion Ratio Lower Upper
202 100
101 6.8 0.0 28.9
203 18.3 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3280

Delta R.T. -0.00 min

Lab File: BG033490.D

Acq: 2 Apr 2018 16:54

Instrument :

BNA_G

ClientSampleId :

PB107874BS

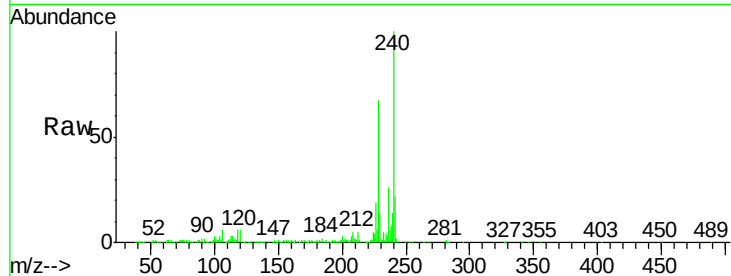
Tot Ion:240 Resp: 352612

Ion Ratio Lower Upper

240 100

120 6.4 6.8 10.2#

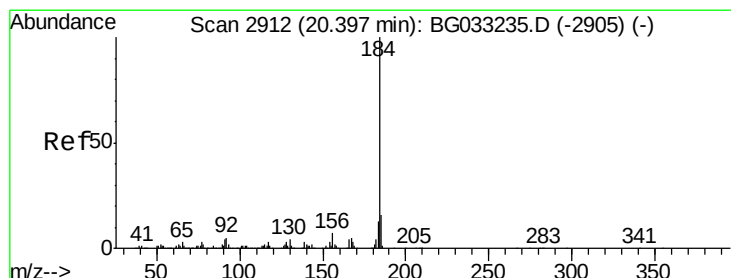
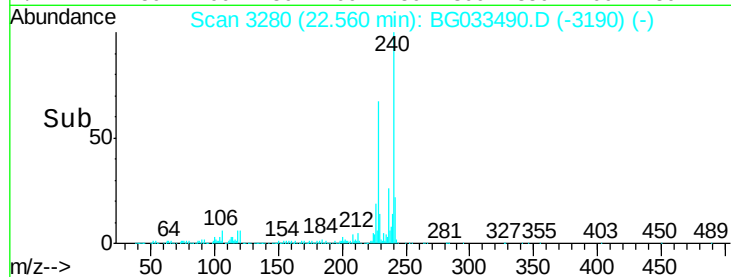
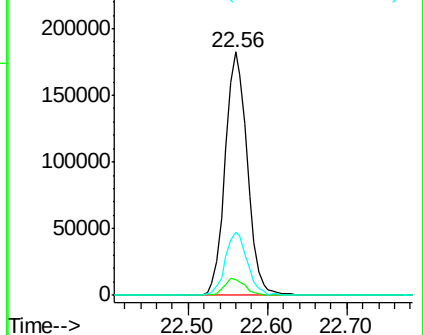
236 25.9 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 16.076 ng

RT: 20.37 min Scan# 2907

Delta R.T. -0.00 min

Lab File: BG033490.D

Acq: 2 Apr 2018 16:54

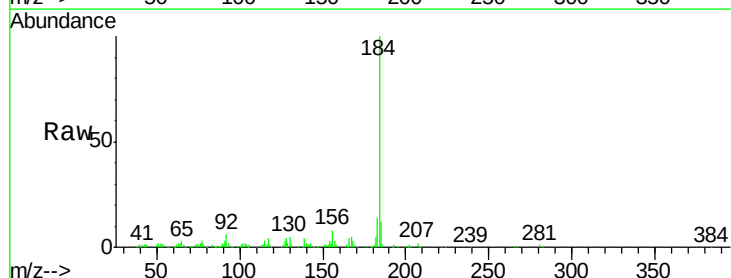
Tgt Ion:184 Resp: 153721

Ion Ratio Lower Upper

184 100

185 12.3 11.1 16.7

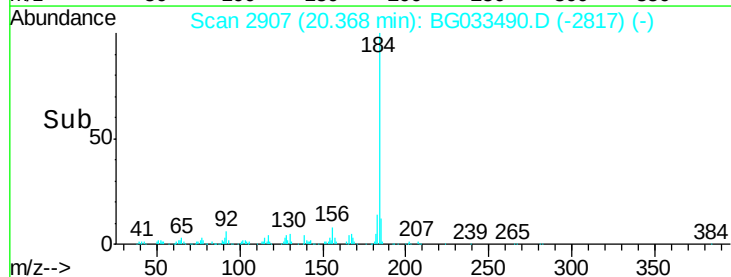
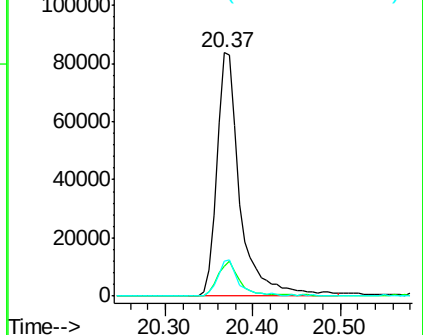
183 14.2 10.6 16.0

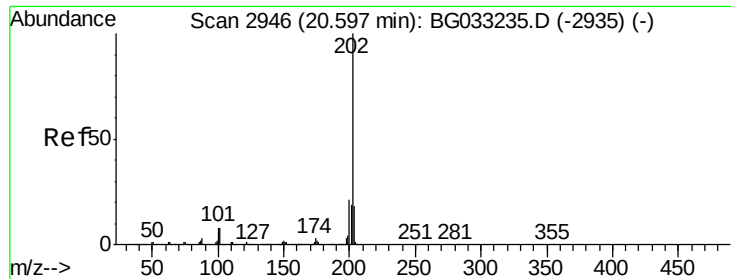


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

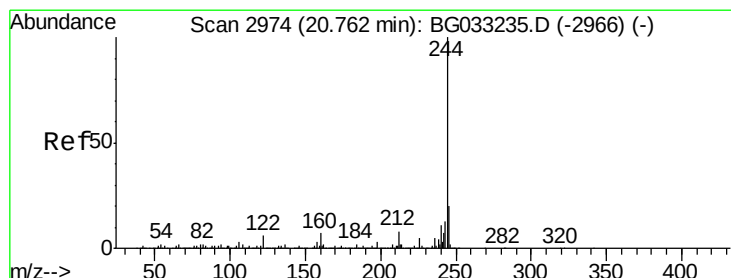
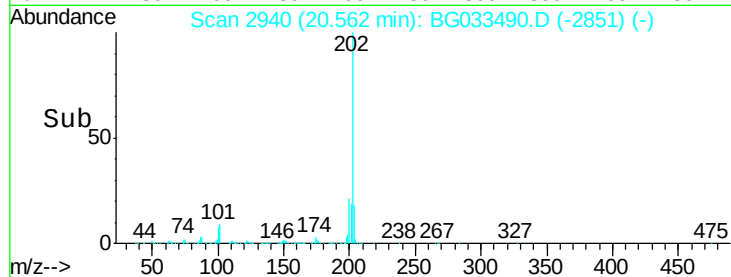
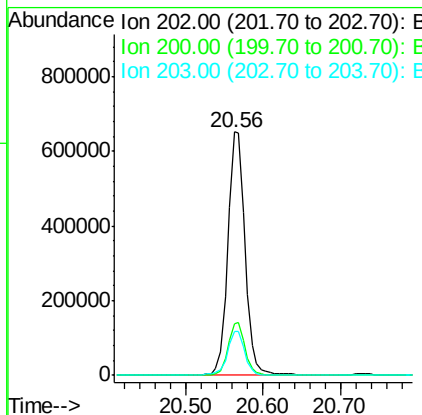
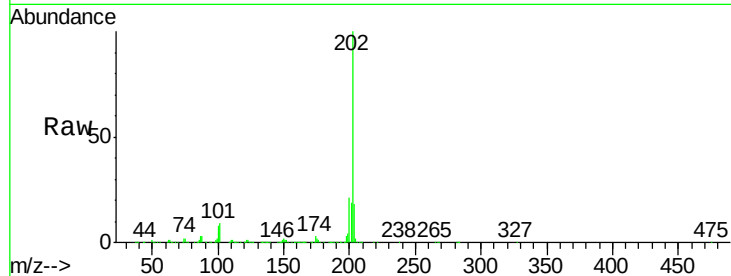




#77
 Pvrene
 Concen: 43.354 ng
 RT: 20.56 min Scan# 2940
 Delta R.T. -0.01 min
 Lab File: BG033490.D
 Acq: 2 Apr 2018 16:54

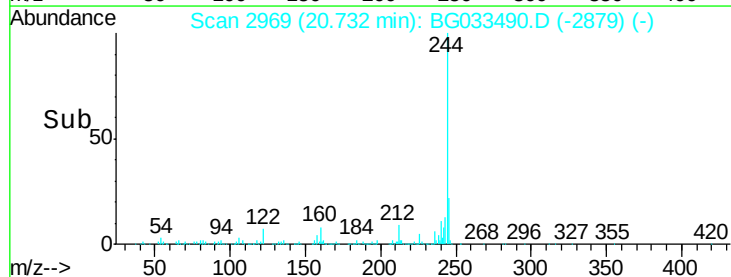
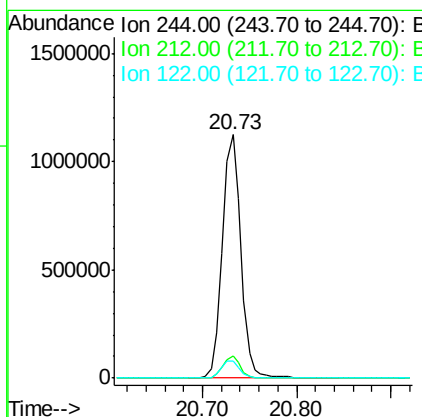
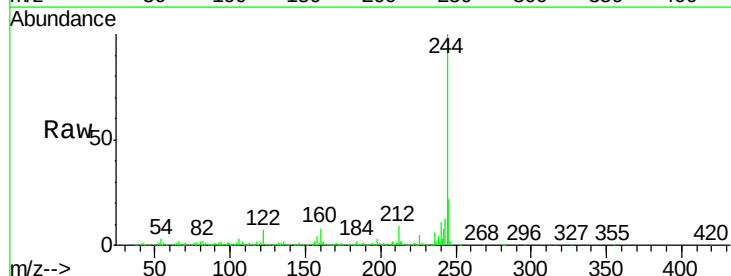
Instrument :
 BNA_G
 ClientSampleId :
 PB107874BS

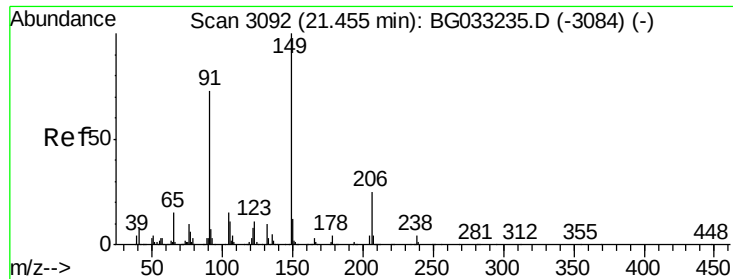
Tot Ion:202 Resp: 1019564
 Ion Ratio Lower Upper
 202 100
 200 21.3 16.9 25.3
 203 18.1 13.9 20.9



#78
 Terphenyl-d14
 Concen: 93.669 ng
 RT: 20.73 min Scan# 2969
 Delta R.T. -0.00 min
 Lab File: BG033490.D
 Acq: 2 Apr 2018 16:54

Tgt Ion:244 Resp: 1544411
 Ion Ratio Lower Upper
 244 100
 212 8.9 5.8 8.8#
 122 7.2 7.0 10.4

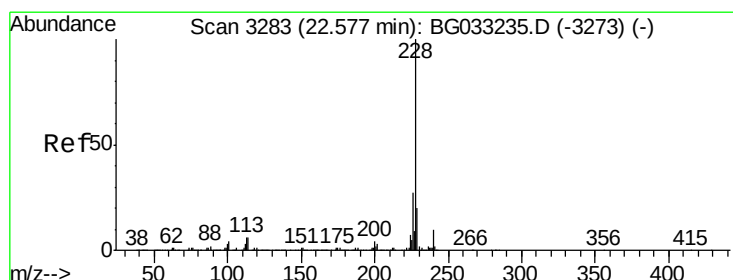
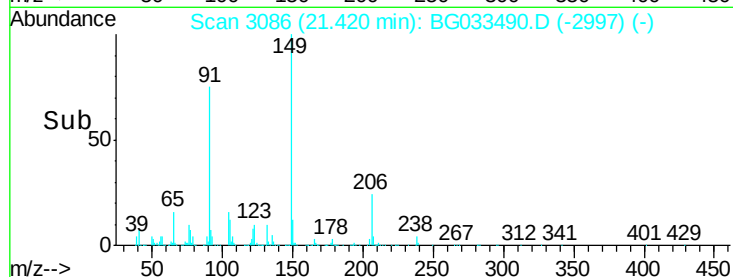
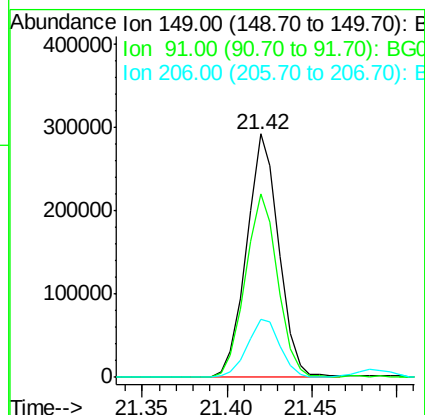
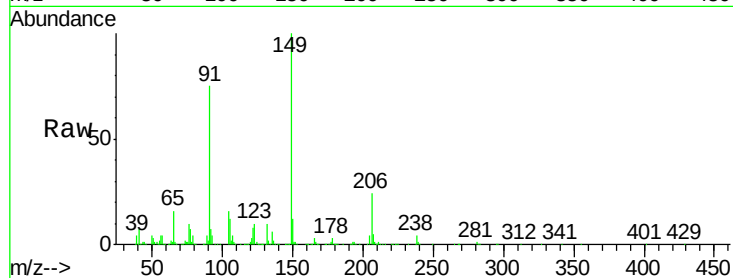




#79
Butylbenzylphthalate
Concen: 44.699 ng
RT: 21.42 min Scan# 3086
Delta R.T. -0.01 min
Lab File: BG033490.D
Acq: 2 Apr 2018 16:54

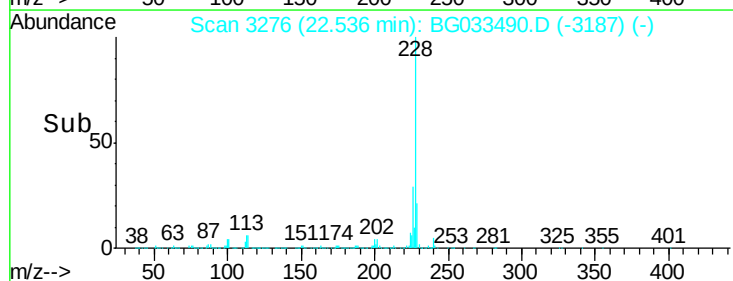
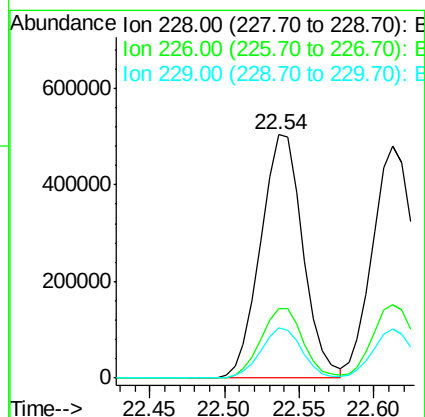
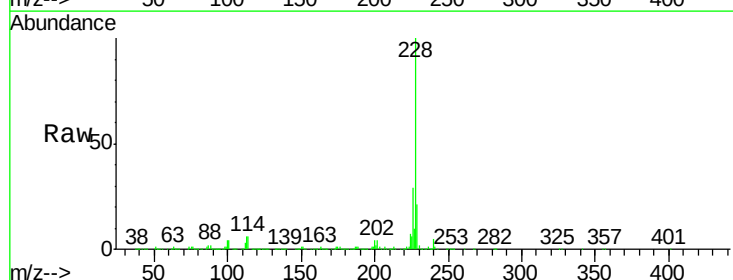
Instrument :
BNA_G
ClientSampleId :
PB107874BS

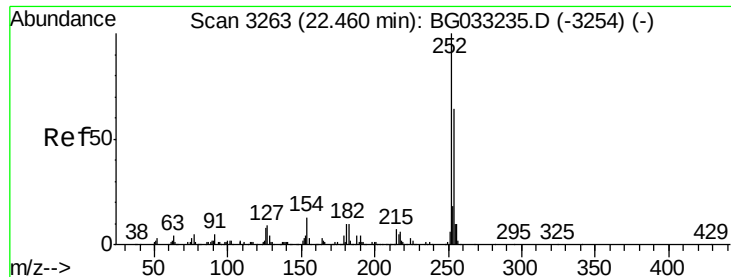
Tot Ion:149 Resp: 387914
Ion Ratio Lower Upper
149 100
91 75.4 62.2 93.2
206 23.8 18.6 27.8



#80
Benzo(a)anthracene
Concen: 44.238 ng
RT: 22.54 min Scan# 3276
Delta R.T. -0.01 min
Lab File: BG033490.D
Acq: 2 Apr 2018 16:54

Tgt Ion:228 Resp: 993270
Ion Ratio Lower Upper
228 100
226 28.6 22.7 34.1
229 20.7 16.2 24.2





#81

3,3'-Dichlorobenzidine

Concen: 13.152 ng

RT: 22.42 min Scan# 3257

Delta R.T. -0.00 min

Lab File: BG033490.D

Acq: 2 Apr 2018 16:54

Instrument :

BNA_G

ClientSampleId :

PB107874BS

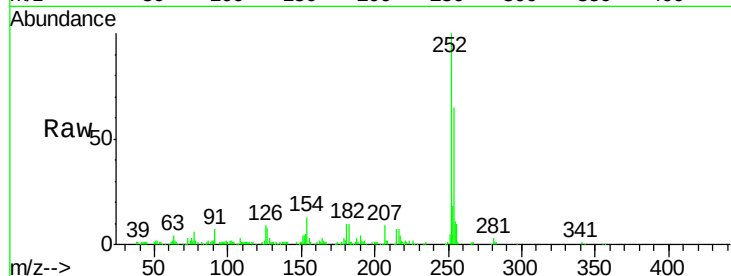
Tot Ion:252 Resp: 105081

Ion Ratio Lower Upper

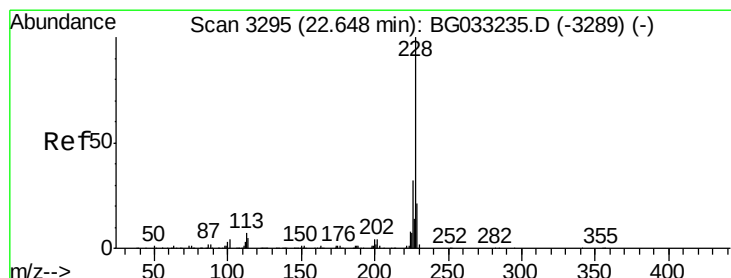
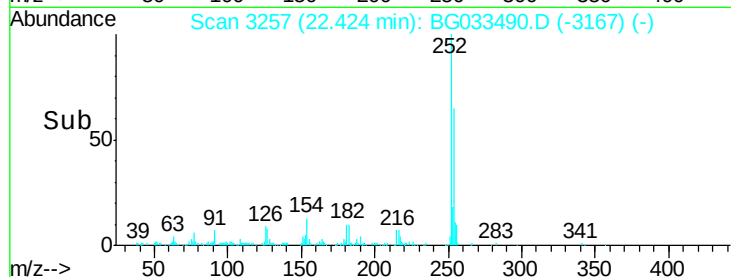
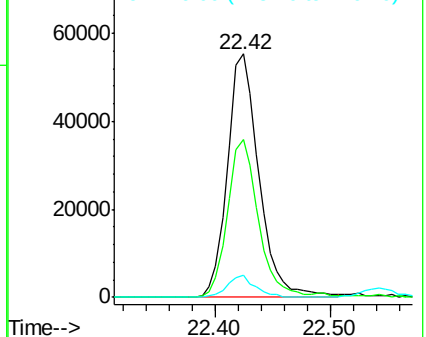
252 100

254 64.8 50.8 76.2

126 8.9 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: 43.891 ng

RT: 22.61 min Scan# 3289

Delta R.T. -0.01 min

Lab File: BG033490.D

Acq: 2 Apr 2018 16:54

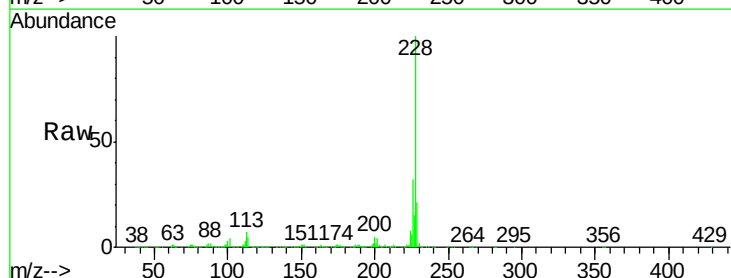
Tgt Ion:228 Resp: 953952

Ion Ratio Lower Upper

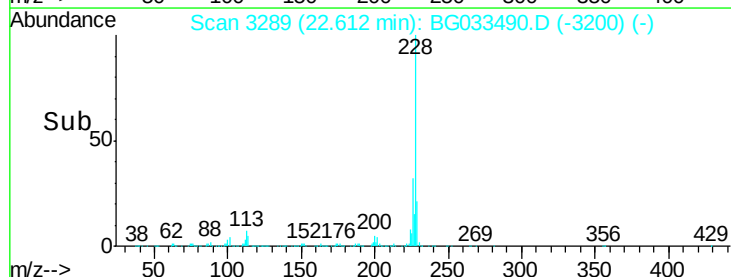
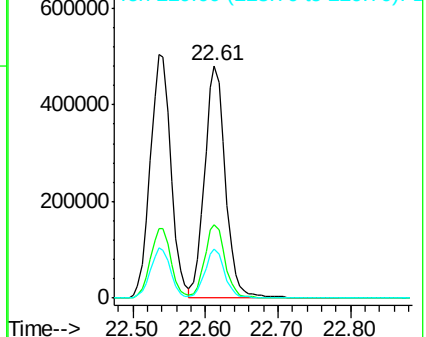
228 100

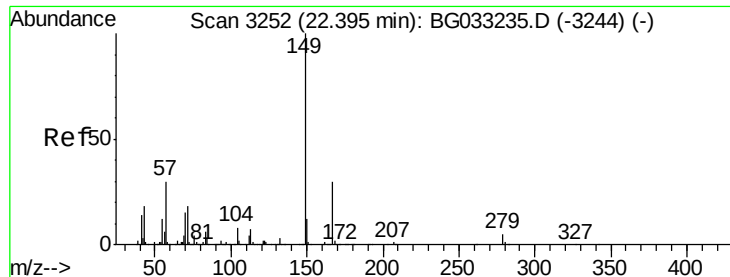
226 31.9 24.9 37.3

229 21.2 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

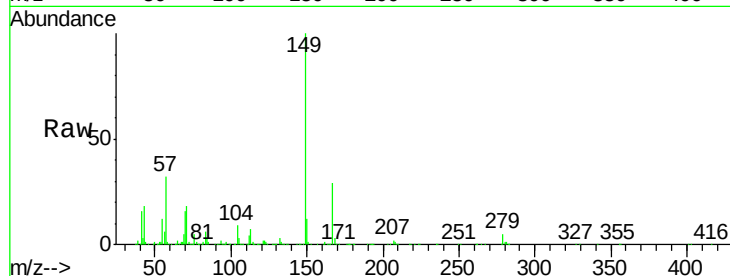




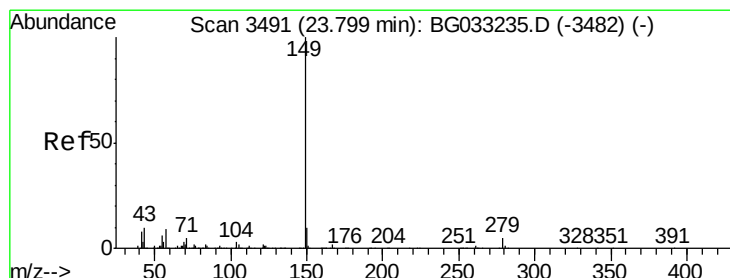
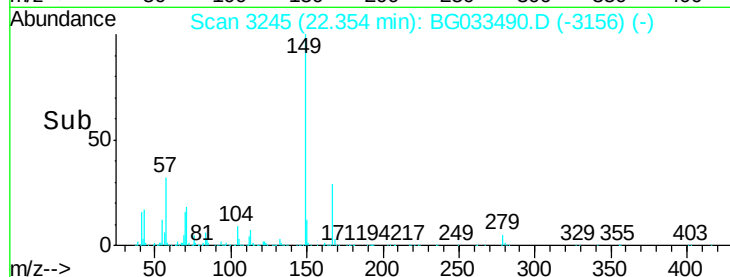
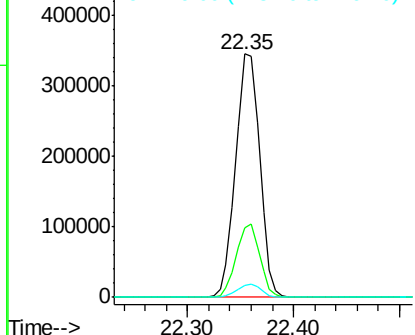
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.559 ng
 RT: 22.35 min Scan# 3245
 Delta R.T. -0.01 min
 Lab File: BG033490.D
 Acq: 2 Apr 2018 16:54

Instrument :
 BNA_G
 ClientSampleId :
 PB107874BS

Tot Ion:149 Resp: 545031
 Ion Ratio Lower Upper
 149 100
 167 28.6 24.3 36.5
 279 4.8 4.0 6.0

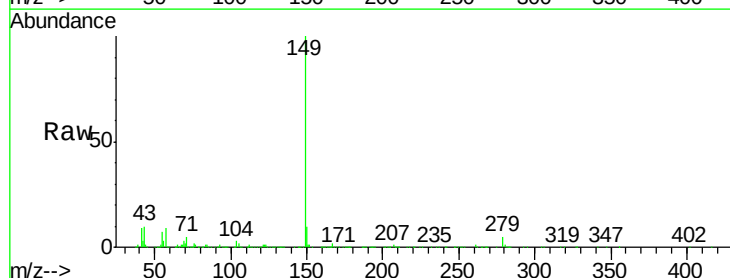


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

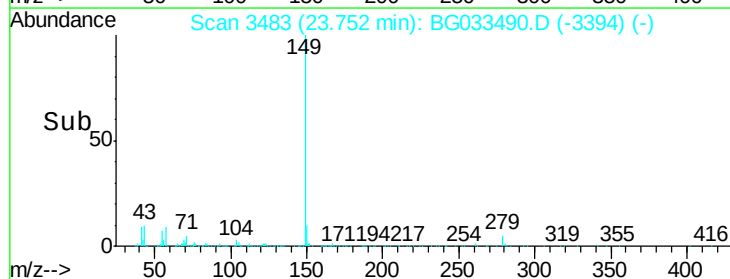
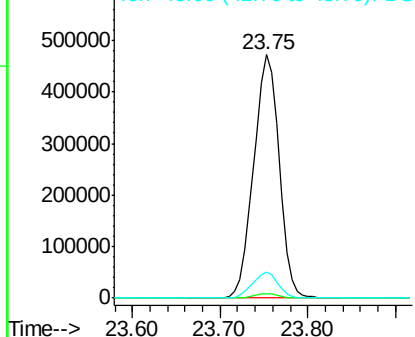


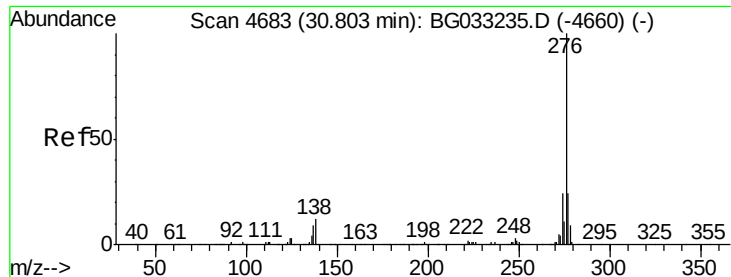
#84
 Di-n-octyl phthalate
 Concen: 51.203 ng
 RT: 23.75 min Scan# 3483
 Delta R.T. -0.01 min
 Lab File: BG033490.D
 Acq: 2 Apr 2018 16:54

Tgt Ion:149 Resp: 937878
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.4 2.0
 43 10.5 8.9 13.3



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

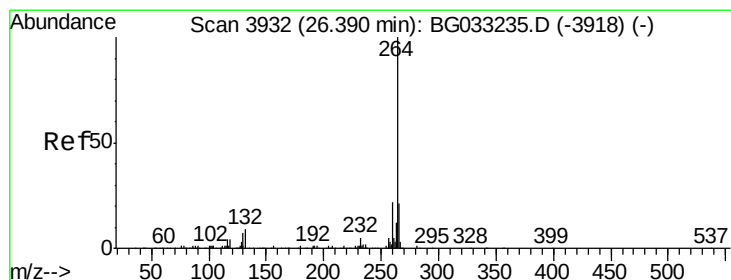
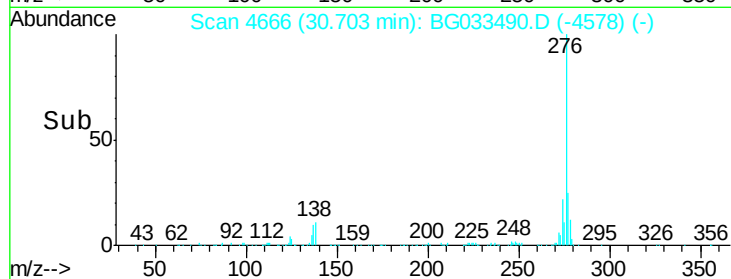
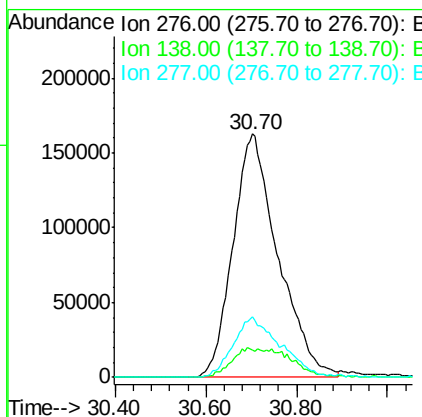
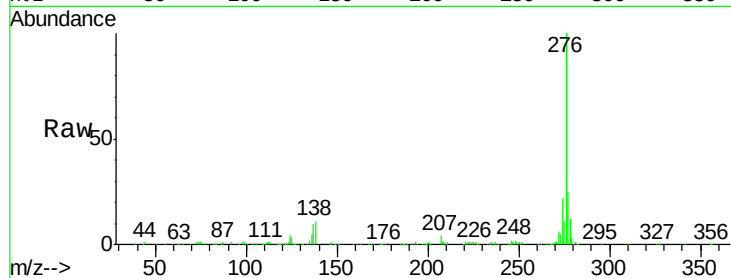




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.725 ng
 RT: 30.70 min Scan# 4666
 Delta R.T. -0.01 min
 Lab File: BG033490.D
 Acq: 2 Apr 2018 16:54

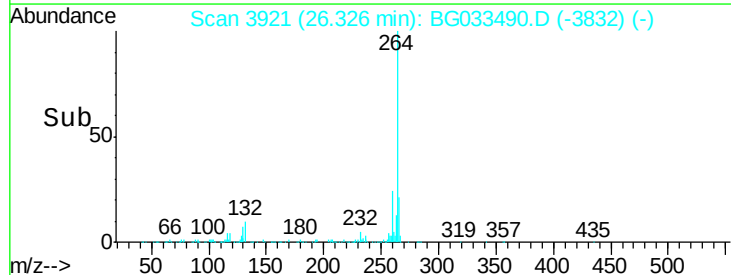
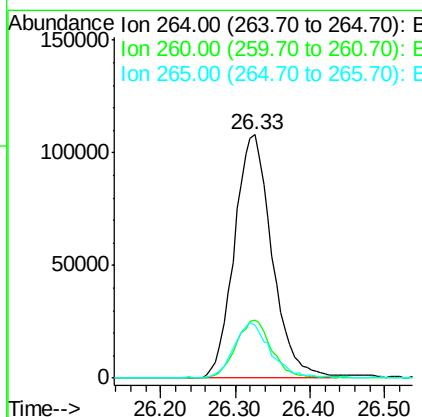
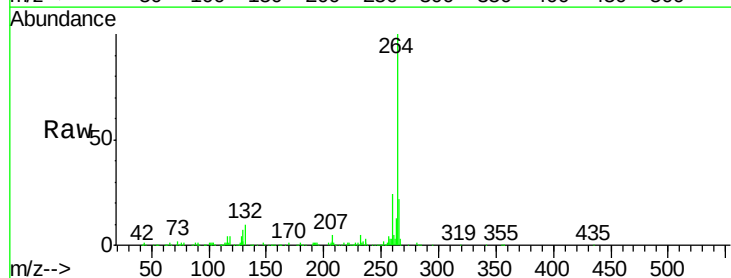
Instrument :
 BNA_G
 ClientSampleId :
 PB107874BS

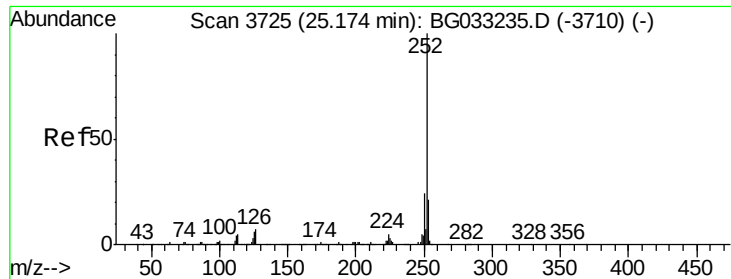
Tot Ion:276 Resp: 1121496
 Ion Ratio Lower Upper
 276 100
 138 6.4 16.0 24.0#
 277 25.9 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.33 min Scan# 3921
 Delta R.T. -0.01 min
 Lab File: BG033490.D
 Acq: 2 Apr 2018 16:54

Tgt Ion:264 Resp: 378670
 Ion Ratio Lower Upper
 264 100
 260 23.8 17.4 26.0
 265 21.6 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 44.105 ng

RT: 25.12 min Scan# 3715

Delta R.T. -0.00 min

Lab File: BG033490.D

Acq: 2 Apr 2018 16:54

Instrument :

BNA_G

ClientSampleId :

PB107874BS

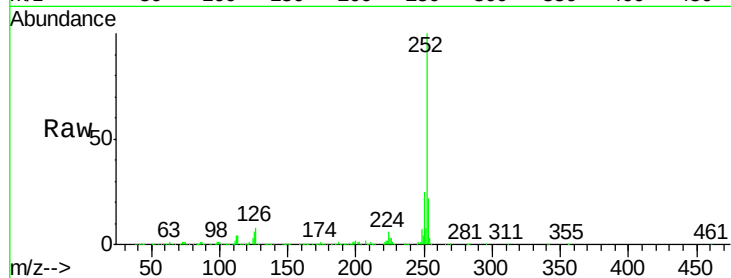
Tot Ion:252 Resp: 964921

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.4

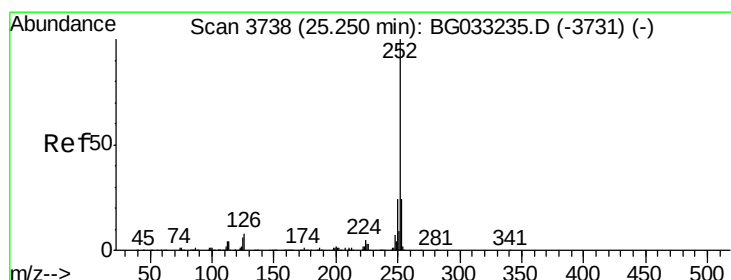
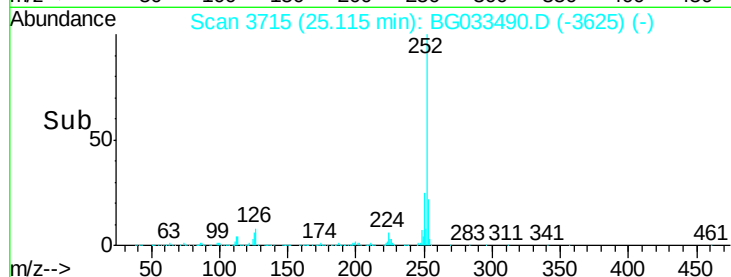
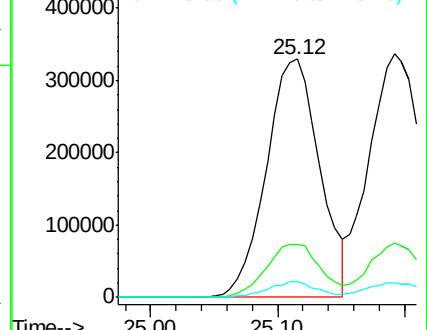
125 6.5 7.2 10.8#



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: 45.022 ng

RT: 25.19 min Scan# 3728

Delta R.T. -0.01 min

Lab File: BG033490.D

Acq: 2 Apr 2018 16:54

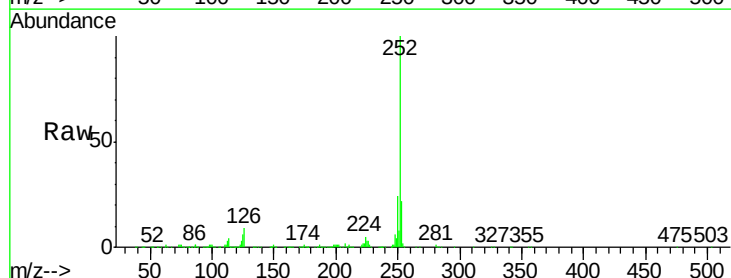
Tgt Ion:252 Resp: 996195

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

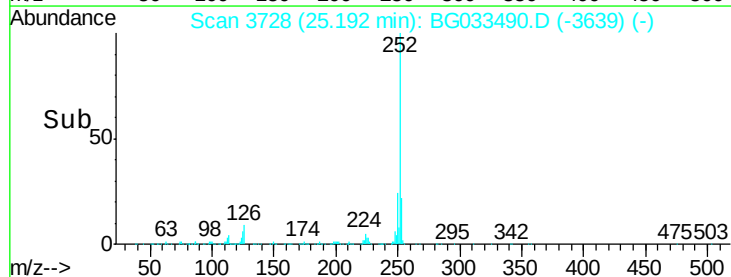
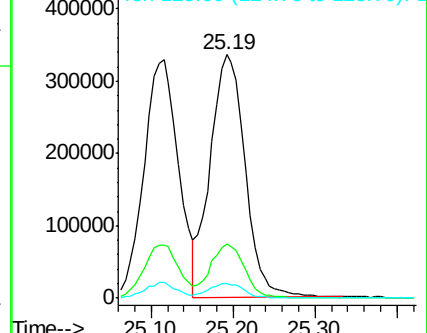
125 6.1 6.6 9.8#

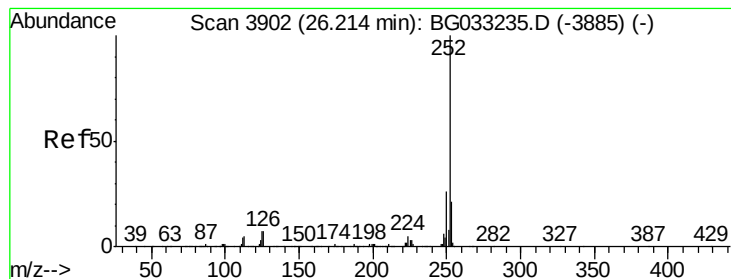


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 46.558 ng

RT: 26.14 min Scan# 3890

Delta R.T. -0.01 min

Lab File: BG033490.D

Acq: 2 Apr 2018 16:54

Instrument :

BNA_G

ClientSampleId :

PB107874BS

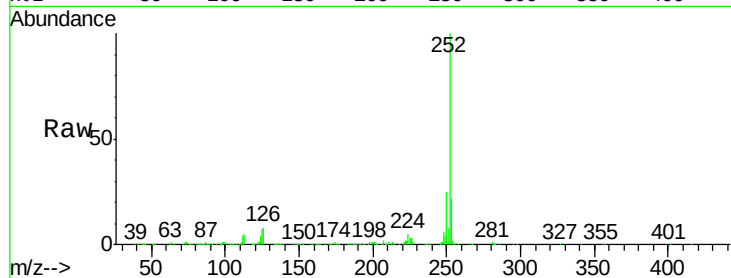
Tot Ion:252 Resp: 978162

Ion Ratio Lower Upper

252 100

253 22.4 18.3 27.5

125 7.1 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

26.14

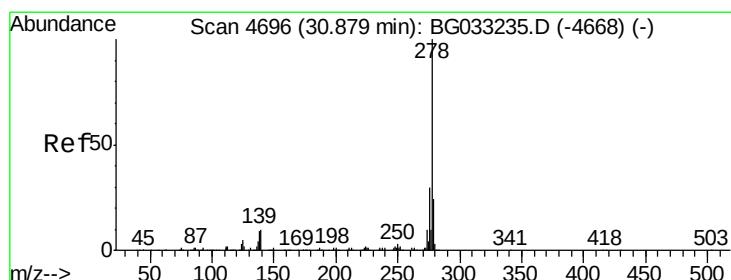
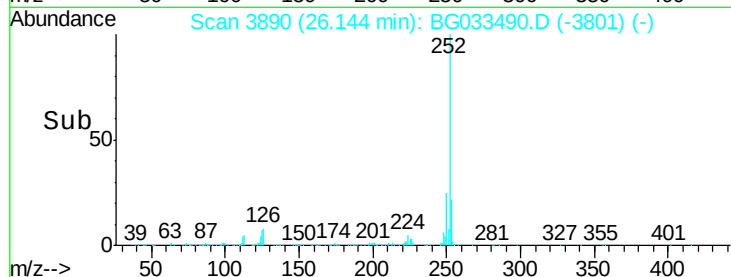
300000

200000

100000

0

Time-->



#90

Dibenzo(a,h)anthracene

Concen: 47.632 ng

RT: 30.77 min Scan# 4678

Delta R.T. -0.01 min

Lab File: BG033490.D

Acq: 2 Apr 2018 16:54

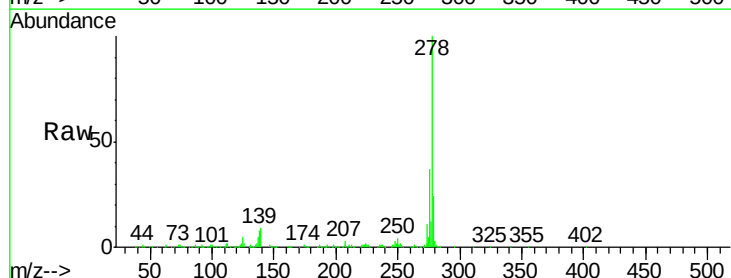
Tgt Ion:278 Resp: 942660

Ion Ratio Lower Upper

278 100

139 9.5 9.8 14.6#

279 24.4 18.4 27.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

30.77

200000

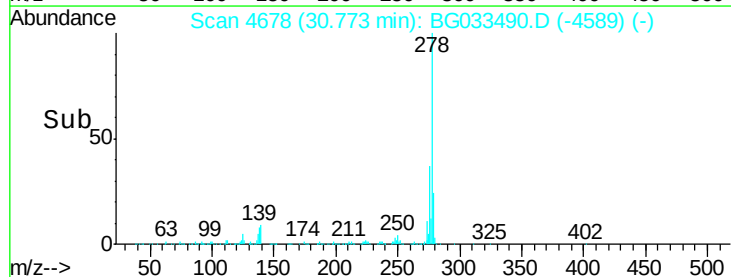
150000

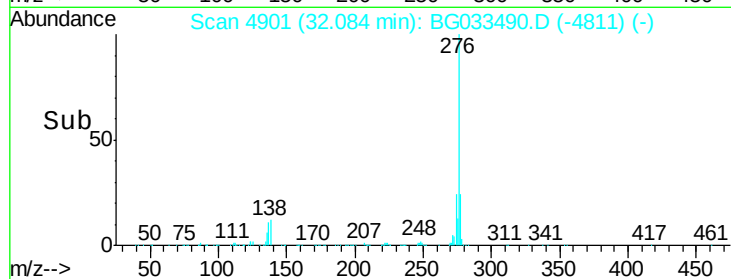
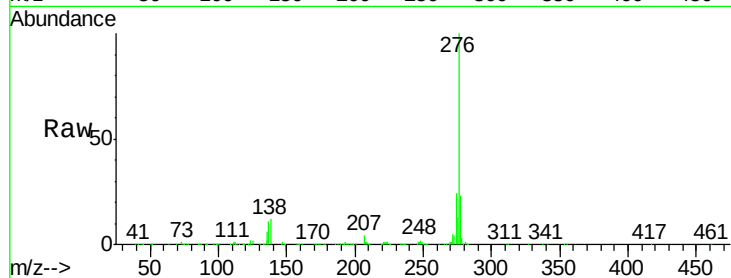
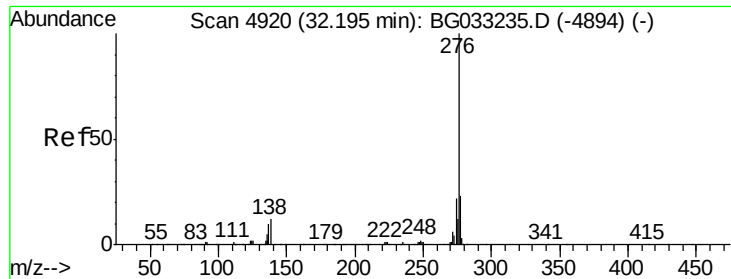
100000

50000

0

Time-->





#91

Benzo(a,h,i)perylene

Concen: 47.262 ng

RT: 32.08 min Scan# 4901

Delta R.T. -0.00 min

Lab File: BG033490.D

Acq: 2 Apr 2018 16:54

Instrument :

BNA_G

ClientSampleId :

PB107874BS

Tot Ion:276 Resp: 926199

Ion Ratio Lower Upper

276 100

277 23.5 18.3 27.5

138 12.0 13.9 20.9#

