

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030818\
 Data File : BG033050.D
 Acq On : 8 Mar 2018 21:01
 Operator : SJ/JU
 Sample : PB107143BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107143BSD

Quant Time: Mar 09 01:30:24 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 17:38:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	61911	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	277371	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	159017	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	361379	20.00	ng	0.00
75) Chrysene-d12	22.61	240	329783	20.00	ng	0.00
86) Perylene-d12	26.41	264	351394	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.32	112	336185	86.87	ng	0.00
7) Phenol-d6	8.01	99	451162	83.64	ng	0.00
23) Nitrobenzene-d5	10.11	82	392693	96.70	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	157395	94.14	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	842754	76.44	ng	0.00
78) Terphenyl-d14	20.77	244	1145685	78.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.96	88	49825	29.667	ng	95
3) Pyridine	4.42	79	146138	31.570	ng	95
4) n-Nitrosodimethylamine	4.33	42	82606	44.511	ng	# 88
6) Aniline	8.20	93	143082	19.597	ng	98
8) 2-Chlorophenol	8.46	128	169364	39.985	ng	95
9) Benzaldehyde	8.01	77	52440	16.868	ng	90
10) Phenol	8.04	94	221128	40.668	ng	96
11) bis(2-Chloroethyl)ether	8.29	93	151217	34.011	ng	98
12) 1,3-Dichlorobenzene	8.80	146	162586	32.772	ng	98
13) 1,4-Dichlorobenzene	8.95	146	166531	33.348	ng	98
14) 1,2-Dichlorobenzene	9.28	146	156805	32.767	ng	97
15) Benzyl Alcohol	9.14	79	149891	37.800	ng	91
16) 2,2'-oxybis(1-Chloropropan	9.44	45	295576	38.671	ng	99
17) 2-Methylphenol	9.34	107	150144	37.447	ng	96
18) Hexachloroethane	10.04	117	61340	36.076	ng	# 83
19) n-Nitroso-di-n-propylamine	9.72	70	128848	33.836	ng	# 89
20) 3+4-Methylphenols	9.67	107	205530	36.866	ng	94
22) Acetophenone	9.75	105	238975	34.115	ng	# 98
24) Nitrobenzene	10.15	77	183497	42.350	ng	92
25) Isophorone	10.68	82	348871	35.835	ng	# 94
26) 2-Nitrophenol	10.88	139	88334	54.086	ng	96
27) 2,4-Dimethylphenol	10.91	122	180425	42.661	ng	90
28) bis(2-Chloroethoxy)methane	11.15	93	212191	37.413	ng	95
29) 2,4-Dichlorophenol	11.42	162	159843	41.643	ng	94
30) 1,2,4-Trichlorobenzene	11.65	180	150776	33.510	ng	98
31) Naphthalene	11.85	128	504070	34.779	ng	99
32) Benzoic acid	11.02	122	108546	43.221	ng	86
33) 4-Chloroaniline	11.93	127	129668	20.009	ng	97
34) Hexachlorobutadiene	12.11	225	84606	33.523	ng	95
35) Caprolactam	12.69	113	64731	42.116	ng	92
36) 4-Chloro-3-methylphenol	13.00	107	195588	43.787	ng	95
37) 2-Methylnaphthalene	13.40	142	374413	35.706	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.75	216	161088	34.125	ng	# 96
40) Hexachlorocyclopentadiene	13.73	237	200747	83.446	ng	91

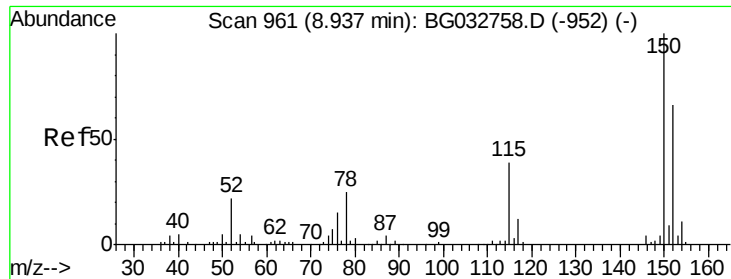
Data Path : Z:\HPCHEM1\BNA G\DATA\BG030818\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	124593	41.853	ng	97
43) 2,4,5-Trichlorophenol	14.04	196	138876	40.308	ng	96
45) 1,1'-Biphenyl	14.37	154	475201	34.198	ng	95
46) 2-Chloronaphthalene	14.42	162	360430	34.724	ng	95
47) 2-Nitroaniline	14.61	65	138061	51.769	ng	93
48) Acenaphthylene	15.26	152	595179	35.022	ng	99
49) Dimethylphthalate	14.95	163	472485	34.994	ng	100
50) 2,6-Dinitrotoluene	15.08	165	106582	47.749	ng	94
51) Acenaphthene	15.59	154	416579	39.360	ng	96
52) 3-Nitroaniline	15.41	138	83018	32.852	ng	# 89
53) 2,4-Dinitrophenol	15.61	184	92811	113.420	ng	98
54) Dibenzofuran	15.92	168	554280	36.780	ng	92
55) 4-Nitrophenol	15.68	139	178346	80.603	ng	88
56) 2,4-Dinitrotoluene	15.86	165	150504	55.340	ng	# 86
57) Fluorene	16.56	166	449452	36.135	ng	99
58) 2,3,4,6-Tetrachlorophenol	16.13	232	120250	44.953	ng	# 89
59) Diethylphthalate	16.29	149	512155	35.963	ng	99
60) 4-Chlorophenyl-phenylether	16.53	204	224116	36.833	ng	# 88
61) 4-Nitroaniline	16.56	138	115491	40.448	ng	88
62) Azobenzene	16.83	77	480024	37.678	ng	96
64) 4,6-Dinitro-2-methylphenol	16.62	198	68213	59.204	ng	98
65) n-Nitrosodiphenylamine	16.75	169	418444	35.594	ng	99
66) 4-Bromophenyl-phenylether	17.43	248	135623	35.492	ng	# 85
67) Hexachlorobenzene	17.56	284	141864	34.355	ng	# 90
68) Atrazine	17.67	200	145507	37.602	ng	96
69) Pentachlorophenol	17.89	266	190050	73.067	ng	99
70) Phenanthrene	18.30	178	720773	35.750	ng	98
71) Anthracene	18.39	178	742589	36.687	ng	100
72) Carbazole	18.64	167	685884	34.379	ng	98
73) Di-n-butylphthalate	19.14	149	867728	35.453	ng	99
74) Fluoranthene	20.25	202	811938	36.457	ng	95
76) Benzidine	20.40	184	225866	20.093	ng	97
77) Pyrene	20.60	202	815603	35.070	ng	97
79) Butylbenzylphthalate	21.47	149	411595	39.918	ng	92
80) Benzo(a)anthracene	22.59	228	783474	37.048	ng	99
81) 3,3'-Dichlorobenzidine	22.47	252	187219	23.904	ng	# 97
82) Chrysene	22.67	228	738283	36.547	ng	97
83) Bis(2-ethylhexyl)phthalate	22.41	149	582216	38.146	ng	97
84) Di-n-octyl phthalate	23.83	149	1000897	43.023	ng	99
85) Indeno(1,2,3-cd)pyrene	30.84	276	838874	35.607	ng	97
87) Benzo(b)fluoranthene	25.19	252	782120	37.644	ng	# 97
88) Benzo(k)fluoranthene	25.27	252	786406	38.085	ng	# 97
89) Benzo(a)pyrene	26.23	252	760178	38.467	ng	# 96
90) Dibenzo(a,h)anthracene	30.92	278	676095	33.989	ng	# 95
91) Benzo(g,h,i)perylene	32.22	276	710864	36.253	ng	# 94

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

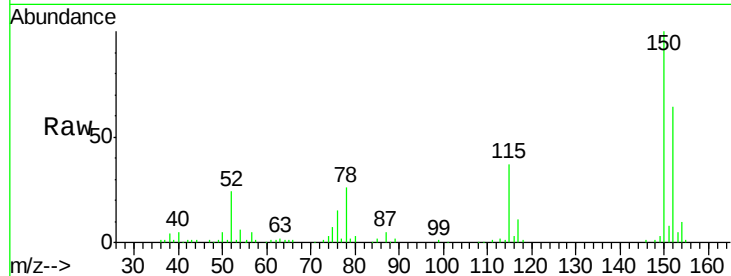


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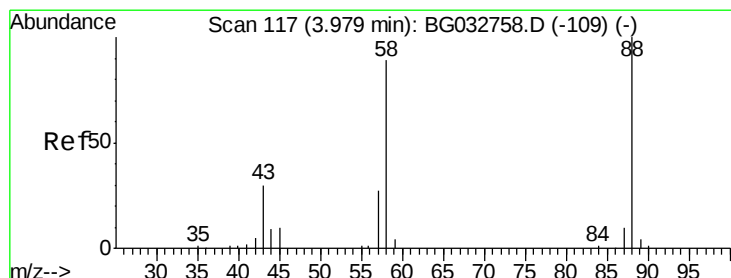
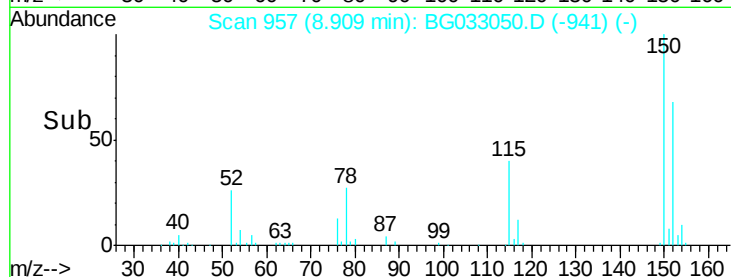
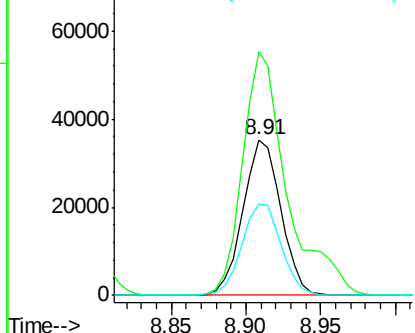
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG033050.D
Acq: 8 Mar 2018 21:01

Instrument :
BNA_G
ClientSampleId :
PB107143BSD

Tot Ion:152 Resp: 61911
Ion Ratio Lower Upper
152 100
150 156.3 126.6 189.8
115 58.5 53.0 79.4



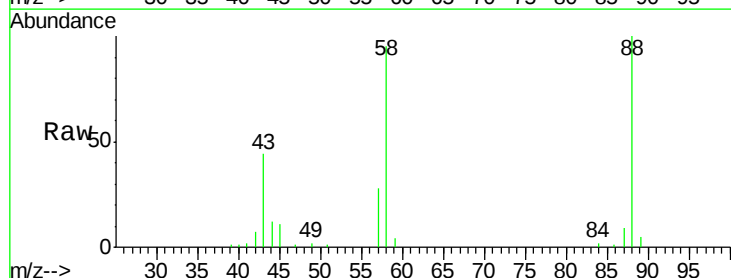
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



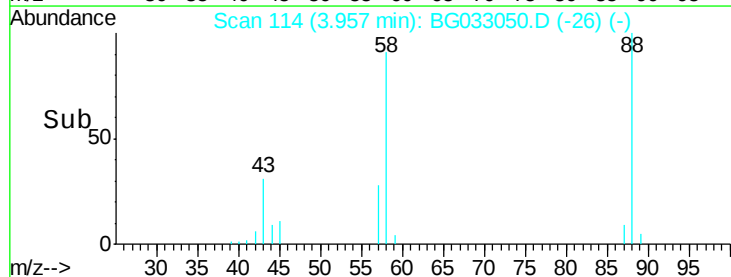
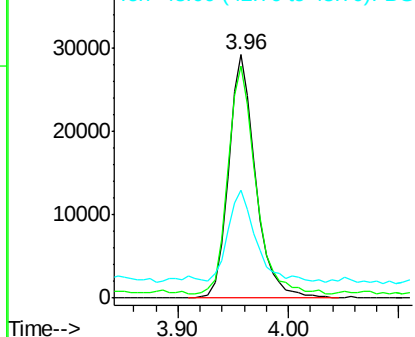
#2

1,4-Dioxane
Concen: 29.667 ng
RT: 3.96 min Scan# 114
Delta R.T. -0.01 min
Lab File: BG033050.D
Acq: 8 Mar 2018 21:01

Tgt Ion: 88 Resp: 49825
Ion Ratio Lower Upper
88 100
58 96.6 79.6 119.4
43 39.9 27.4 41.0



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





#3

Pvridine

Concen: 31.570 ng

RT: 4.42 min Scan# 193

Delta R.T. -0.00 min

Lab File: BG033050.D

Acq: 8 Mar 2018 21:01

Instrument :

BNA_G

ClientSampleId :

PB107143BSD

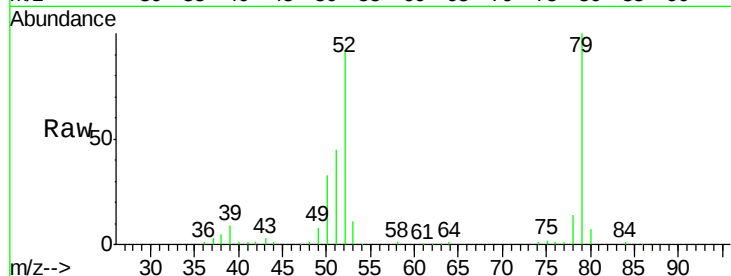
Tot Ion: 79 Resp: 146138

Ion Ratio Lower Upper

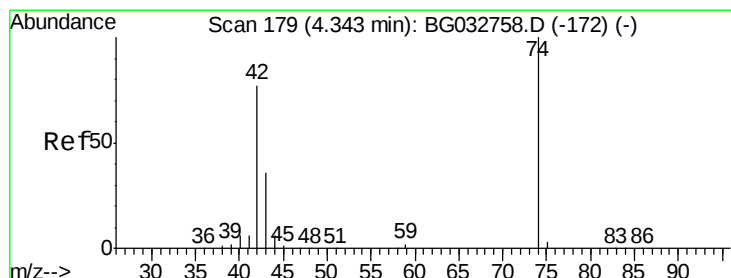
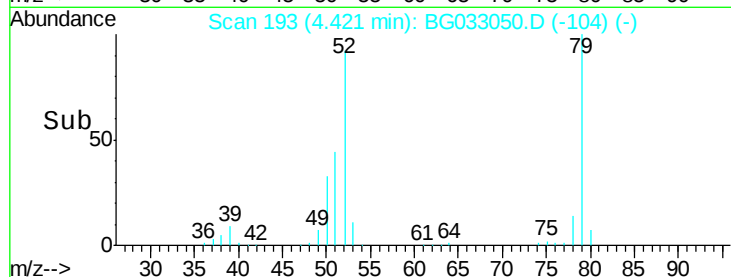
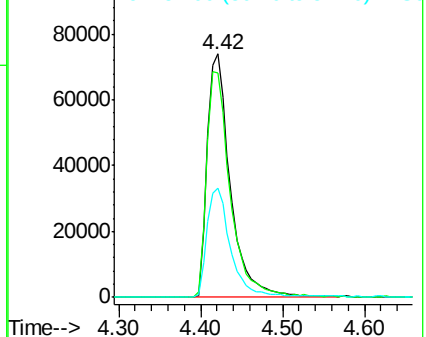
79 100

52 92.2 69.9 104.9

51 44.7 34.0 51.0



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



#4

n-Nitrosodimethylamine

Concen: 44.511 ng

RT: 4.33 min Scan# 177

Delta R.T. 0.00 min

Lab File: BG033050.D

Acq: 8 Mar 2018 21:01

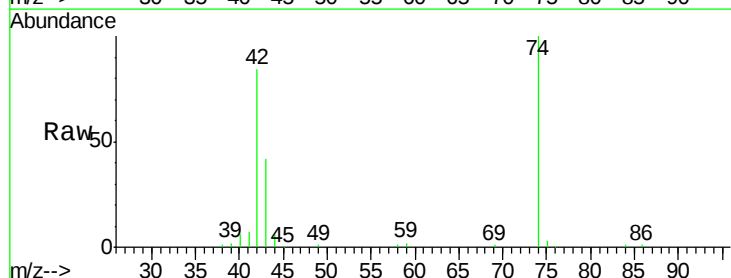
Tgt Ion: 42 Resp: 82606

Ion Ratio Lower Upper

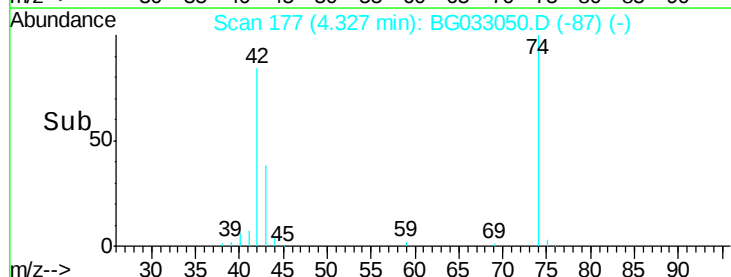
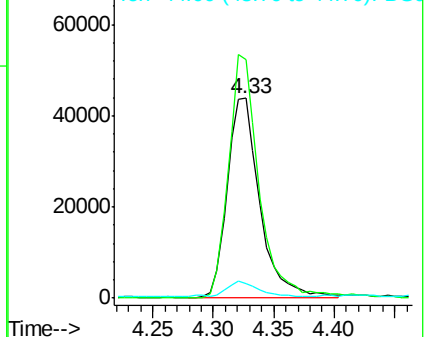
42 100

74 119.2 102.5 153.7

44 7.3 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: 86.874 ng

RT: 6.32 min Scan# 517

Delta R.T. 0.00 min

Lab File: BG033050.D

Acq: 8 Mar 2018 21:01

Instrument :

BNA_G

ClientSampleId :

PB107143BSD

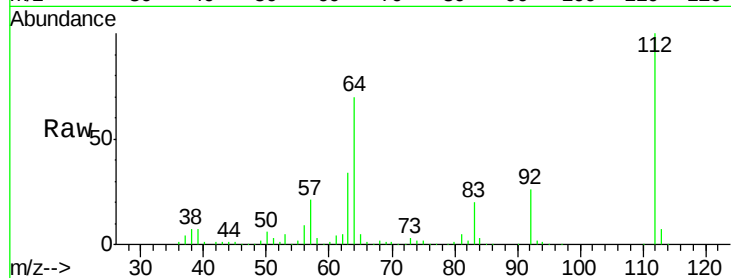
Tot Ion:112 Resp: 336185

Ion Ratio Lower Upper

112 100

64 69.8 56.3 84.5

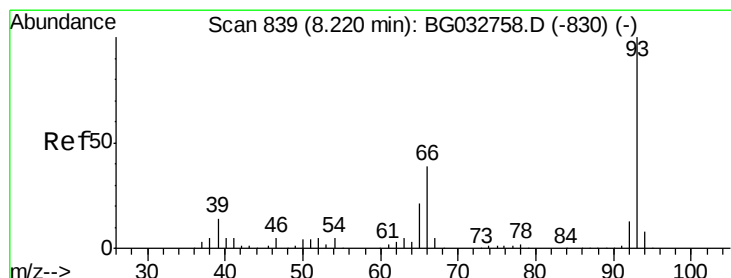
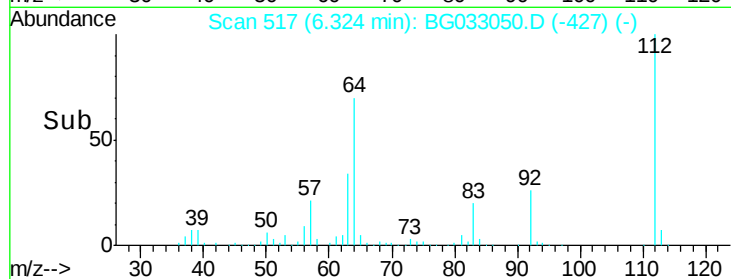
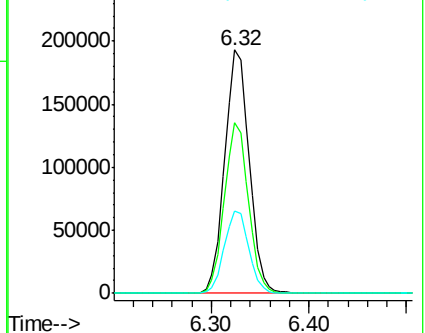
63 34.1 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 19.597 ng

RT: 8.20 min Scan# 836

Delta R.T. -0.00 min

Lab File: BG033050.D

Acq: 8 Mar 2018 21:01

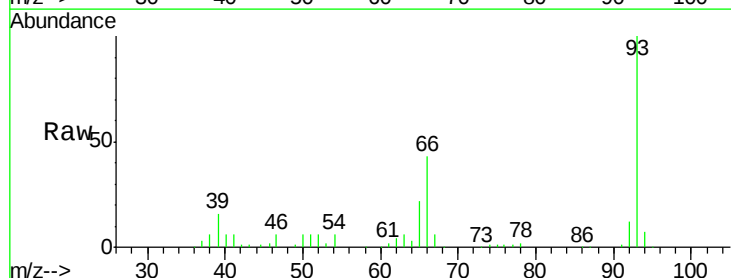
Tgt Ion: 93 Resp: 143082

Ion Ratio Lower Upper

93 100

66 42.8 33.7 50.5

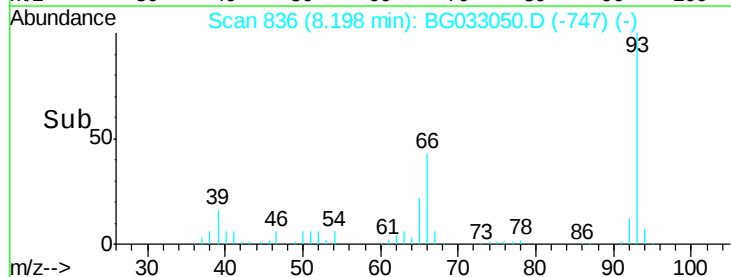
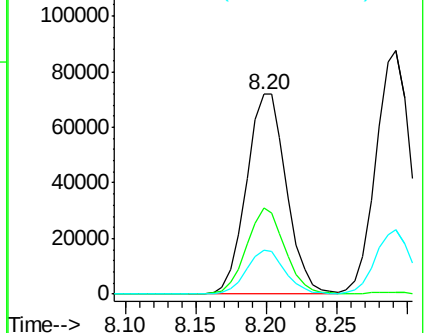
65 22.3 16.1 24.1



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 83.642 ng

RT: 8.01 min Scan# 804

Delta R.T. 0.00 min

Lab File: BG033050.D

Acq: 8 Mar 2018 21:01

Instrument :

BNA_G

ClientSampleId :

PB107143BSD

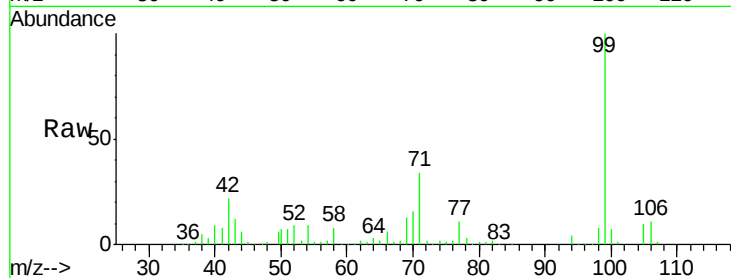
Tot Ion: 99 Resp: 451162

Ion Ratio Lower Upper

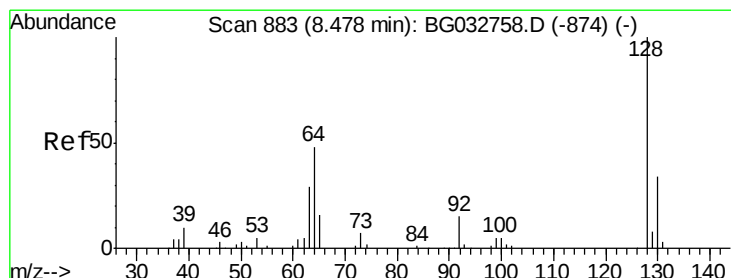
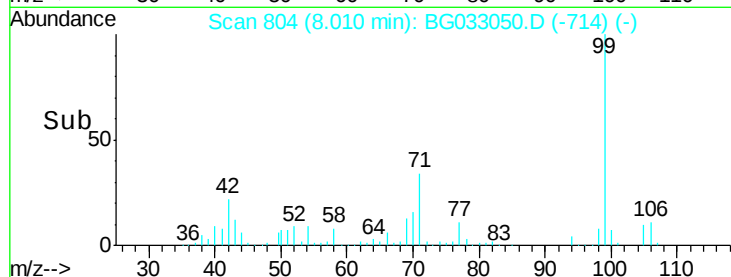
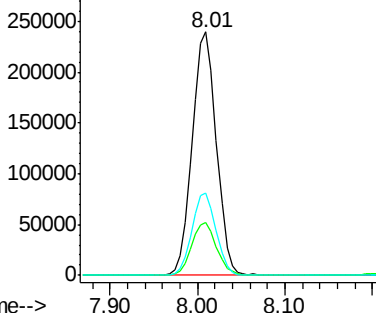
99 100

42 21.7 14.1 21.1#

71 33.8 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: 39.985 ng

RT: 8.46 min Scan# 880

Delta R.T. 0.00 min

Lab File: BG033050.D

Acq: 8 Mar 2018 21:01

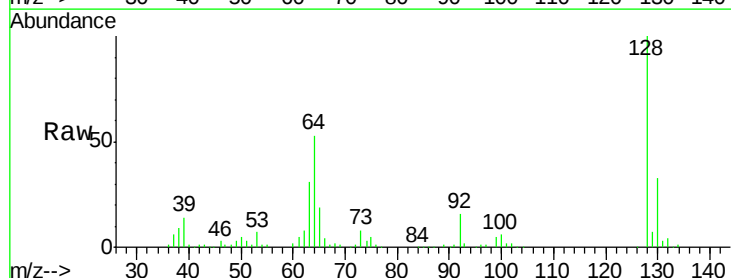
Tgt Ion: 128 Resp: 169364

Ion Ratio Lower Upper

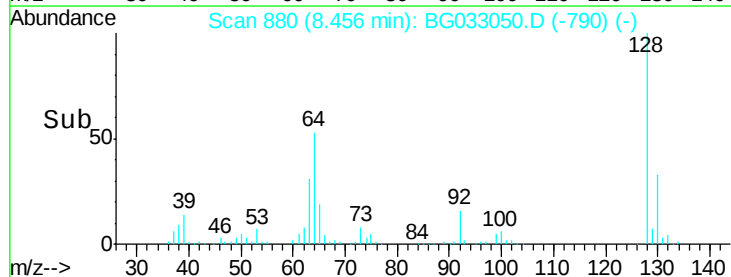
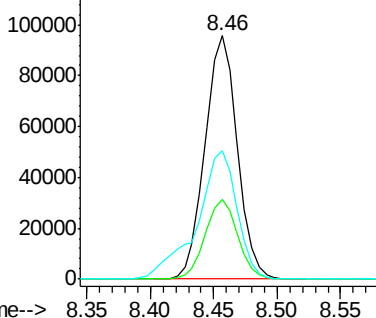
128 100

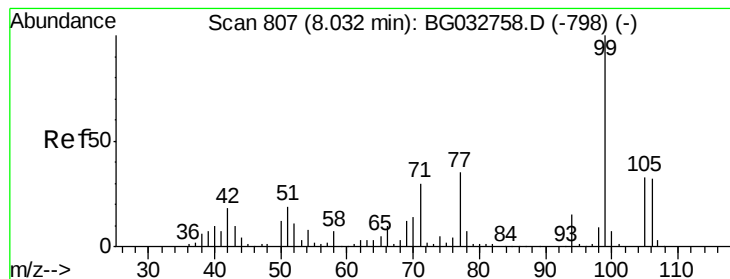
130 32.6 14.0 54.0

64 52.6 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: 16.868 ng

RT: 8.01 min Scan# 804

Delta R.T. 0.00 min

Lab File: BG033050.D

Acq: 8 Mar 2018 21:01

Instrument :

BNA_G

ClientSampleId :

PB107143BSD

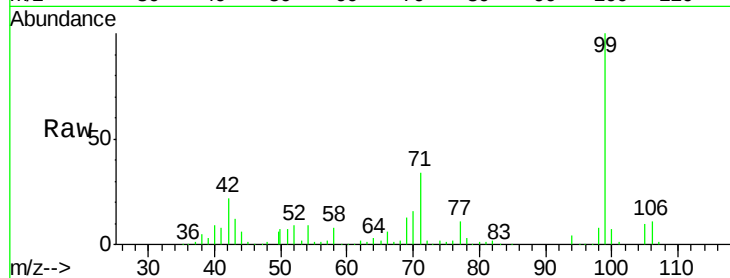
Tot Ion: 77 Resp: 52440

Ion Ratio Lower Upper

77 100

105 94.0 71.3 111.3

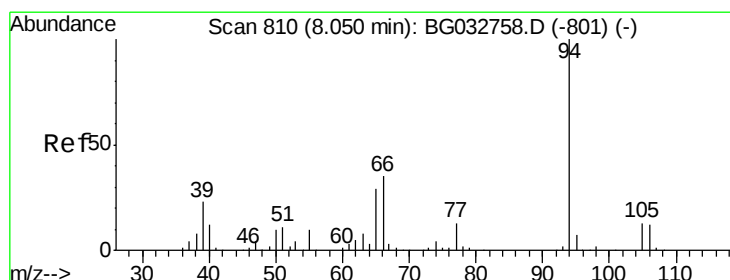
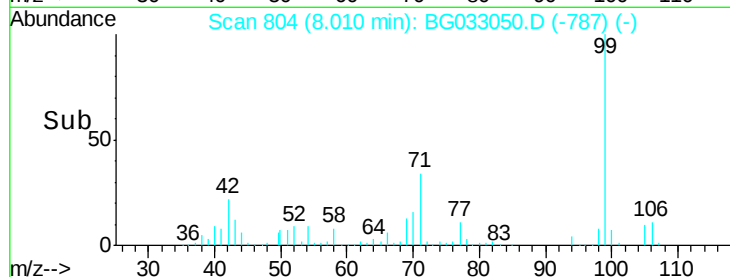
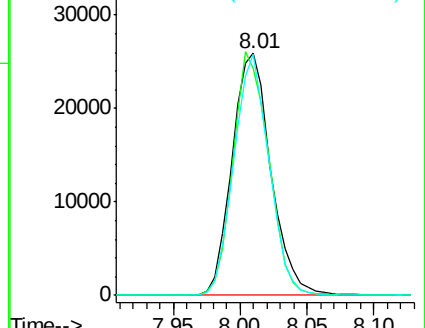
106 99.5 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 40.668 ng

RT: 8.04 min Scan# 809

Delta R.T. 0.01 min

Lab File: BG033050.D

Acq: 8 Mar 2018 21:01

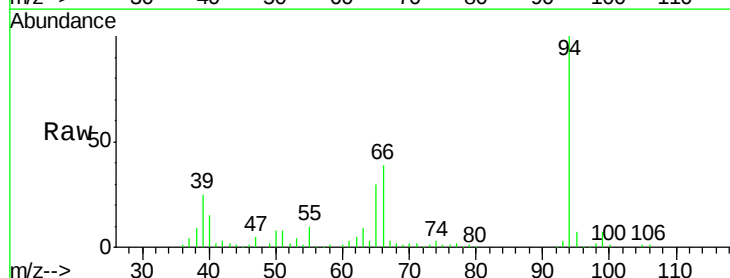
Tgt Ion: 94 Resp: 221128

Ion Ratio Lower Upper

94 100

65 30.4 11.9 51.9

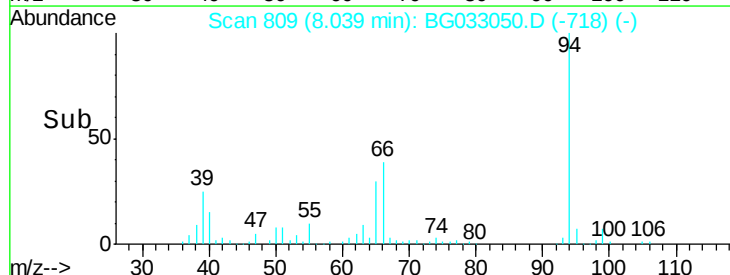
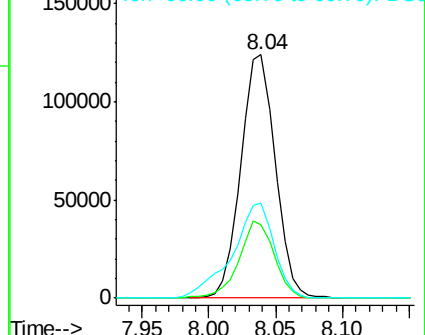
66 39.2 22.2 62.2

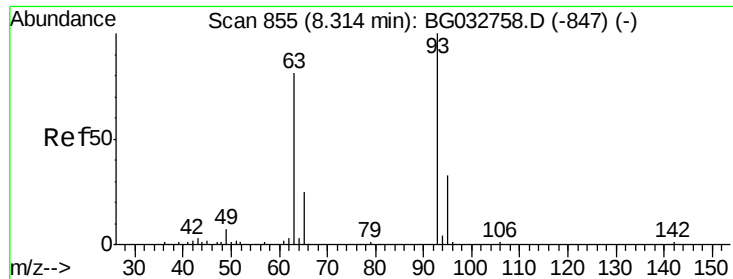


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

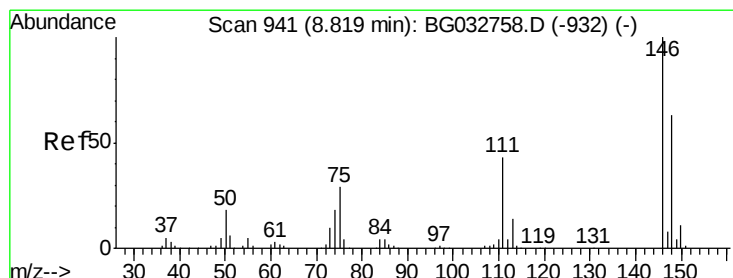
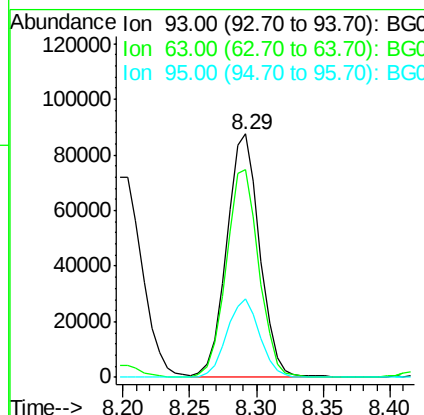
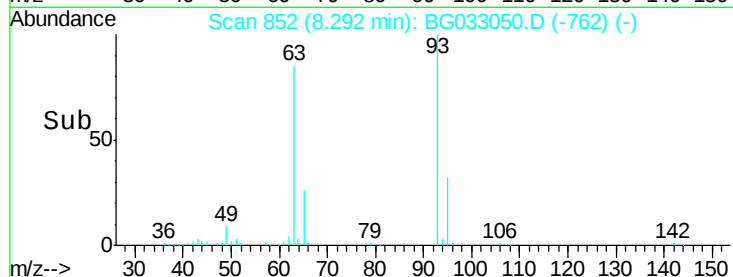
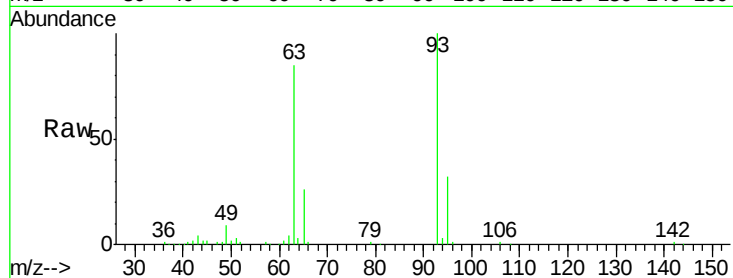




#11
bis(2-Chloroethyl)ether
Concen: 34.011 ng
RT: 8.29 min Scan# 852
Delta R.T. 0.00 min
Lab File: BG033050.D
Acq: 8 Mar 2018 21:01

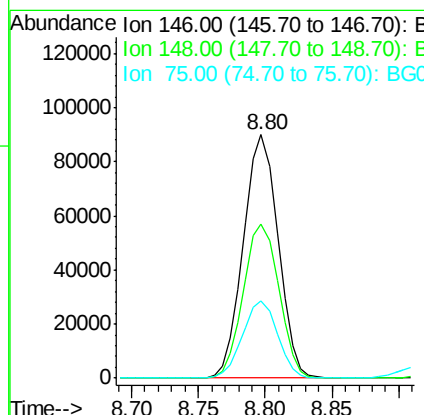
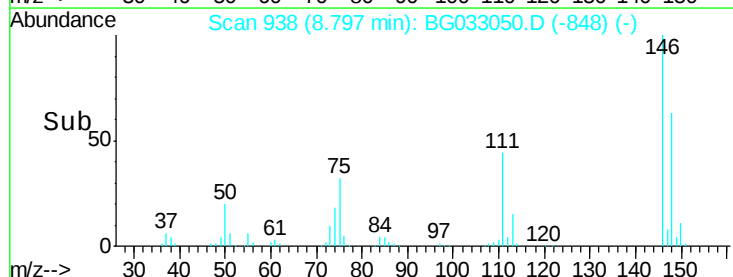
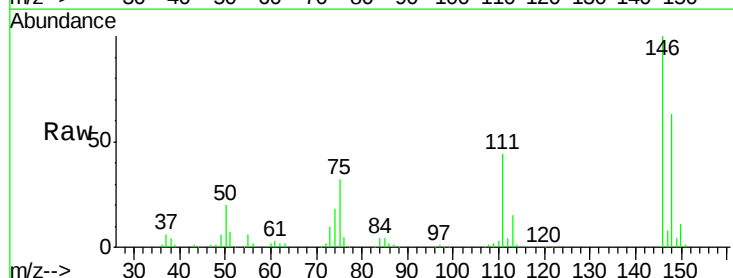
Instrument :
BNA_G
ClientSampleId :
PB107143BSD

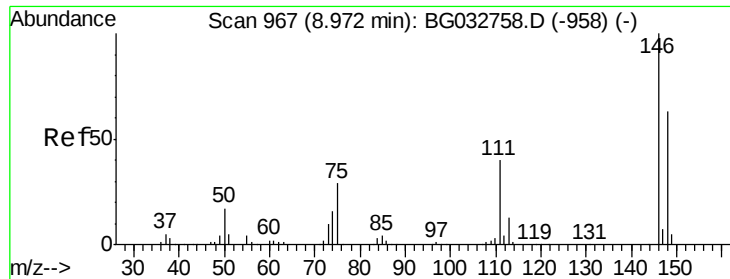
Tot Ion: 93 Resp: 151217
Ion Ratio Lower Upper
93 100
63 85.2 67.1 107.1
95 32.3 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 32.772 ng
RT: 8.80 min Scan# 938
Delta R.T. 0.00 min
Lab File: BG033050.D
Acq: 8 Mar 2018 21:01

Tgt Ion: 146 Resp: 162586
Ion Ratio Lower Upper
146 100
148 63.0 51.4 77.2
75 32.0 26.6 39.8

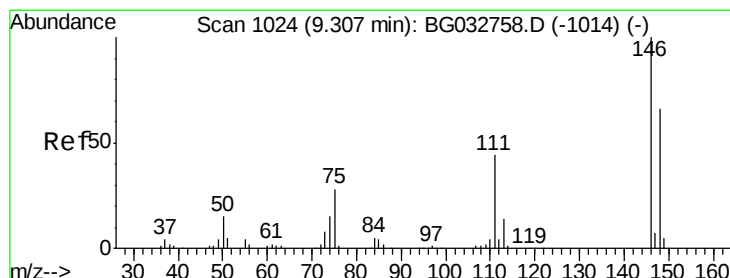
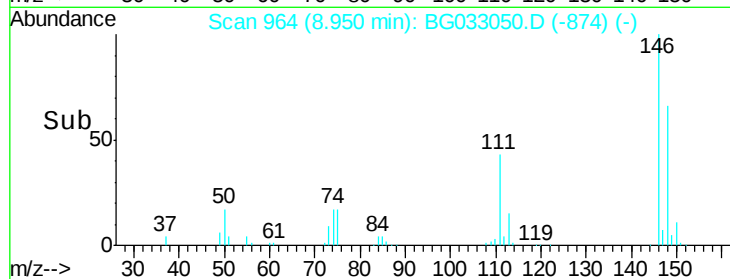
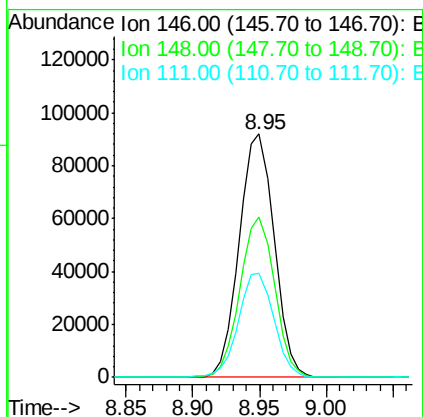
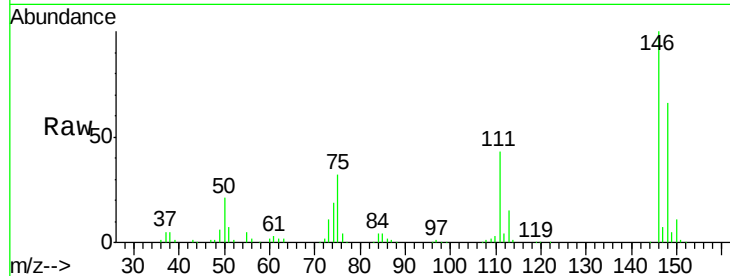




#13
 1,4-Dichlorobenzene
 Concen: 33.348 ng
 RT: 8.95 min Scan# 964
 Delta R.T. 0.00 min
 Lab File: BG033050.D
 Acq: 8 Mar 2018 21:01

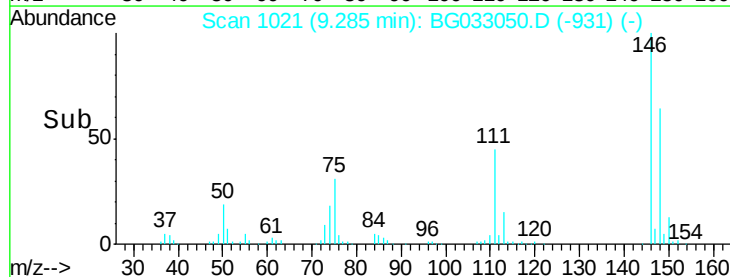
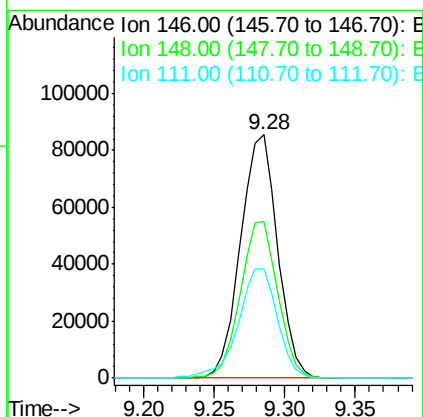
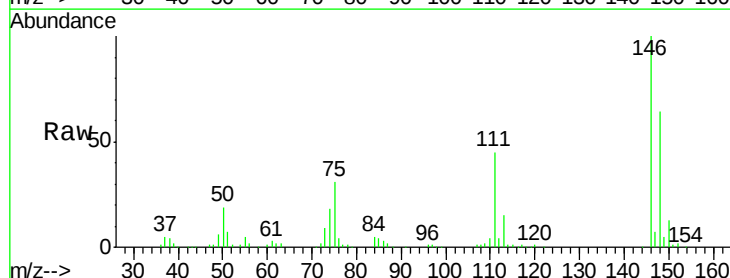
Instrument :
 BNA_G
 ClientSampleId :
 PB107143BSD

Tot Ion:146 Resp: 166531
 Ion Ratio Lower Upper
 146 100
 148 65.7 53.7 80.5
 111 42.9 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 32.767 ng
 RT: 9.28 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BG033050.D
 Acq: 8 Mar 2018 21:01

Tgt Ion:146 Resp: 156805
 Ion Ratio Lower Upper
 146 100
 148 64.1 49.3 73.9
 111 44.8 34.3 51.5





#15

Benzyl Alcohol

Concen: 37.800 ng

RT: 9.14 min Scan# 997

Delta R.T. 0.00 min

Lab File: BG033050.D

Acq: 8 Mar 2018 21:01

Instrument :

BNA_G

ClientSampleId :

PB107143BSD

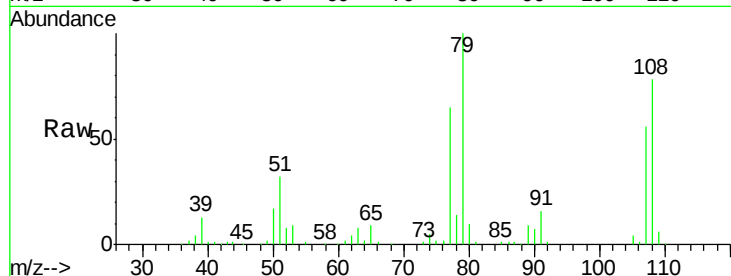
Tot Ion: 79 Resp: 149891

Ion Ratio Lower Upper

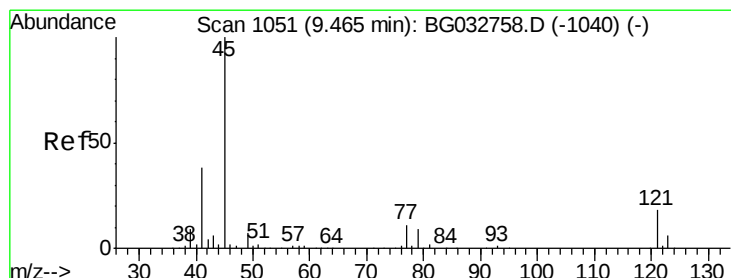
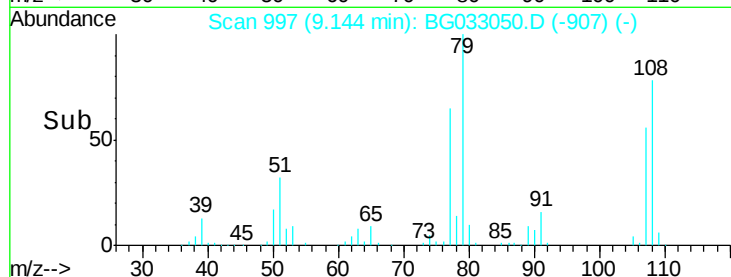
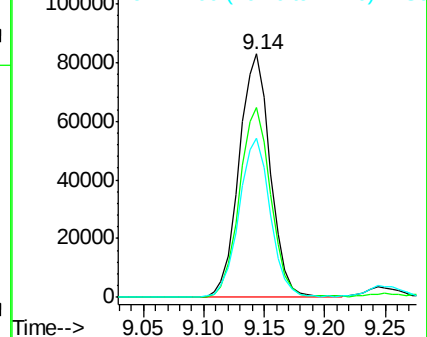
79 100

108 78.1 57.2 85.8

77 65.2 46.1 69.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.671 ng

RT: 9.44 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BG033050.D

Acq: 8 Mar 2018 21:01

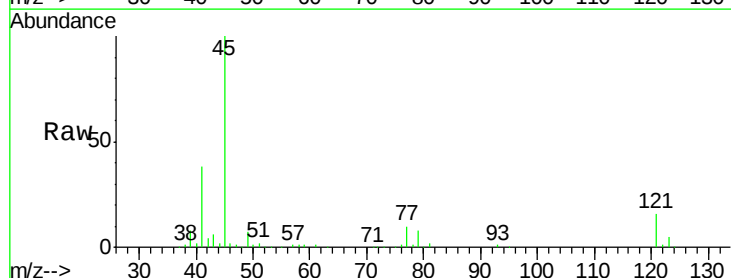
Tgt Ion: 45 Resp: 295576

Ion Ratio Lower Upper

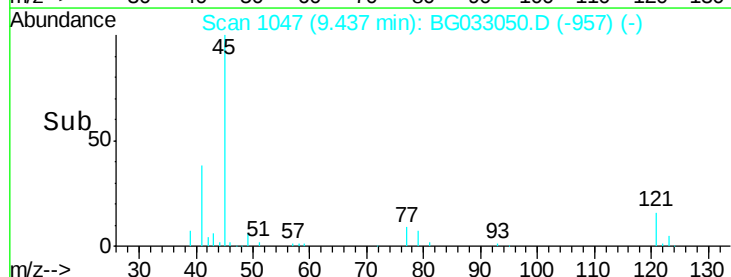
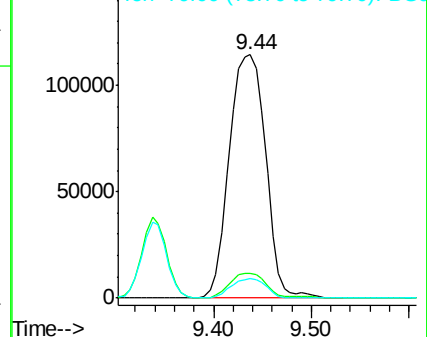
45 100

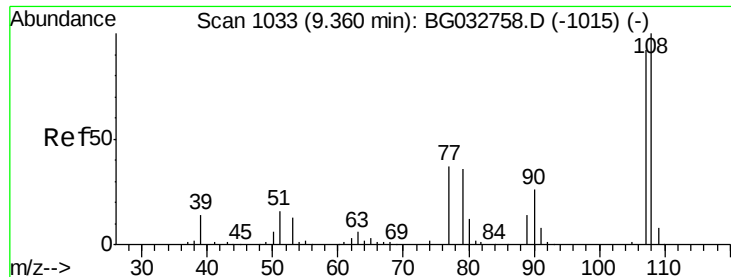
77 10.0 0.0 30.2

79 8.2 0.0 27.9



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





#17

2-Methylphenol

Concen: 37.447 ng

RT: 9.34 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BG033050.D

Acq: 8 Mar 2018 21:01

Instrument :

BNA_G

ClientSampleId :

PB107143BSD

Tot Ion:107 Resp: 150144

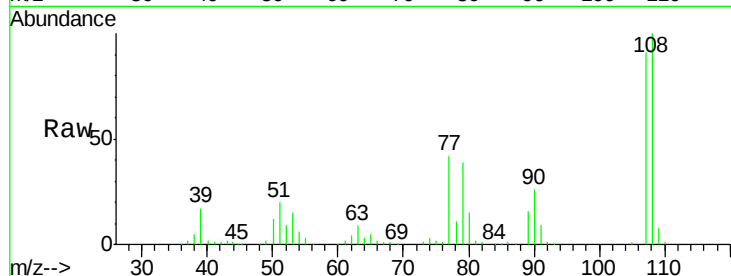
Ion Ratio Lower Upper

107 100

108 110.3 83.9 125.9

77 45.9 37.2 55.8

79 43.4 36.2 54.2

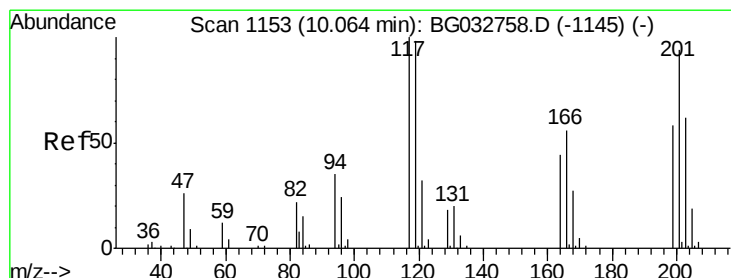
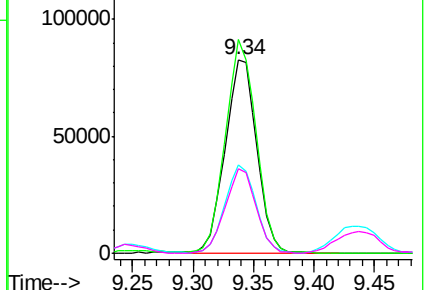
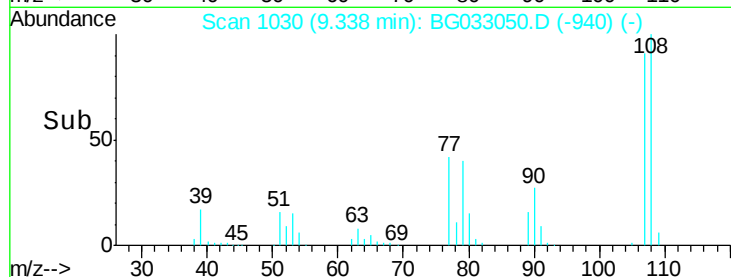


Abundance Ion 107.00 (106.70 to 107.70): E

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: 36.076 ng

RT: 10.04 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BG033050.D

Acq: 8 Mar 2018 21:01

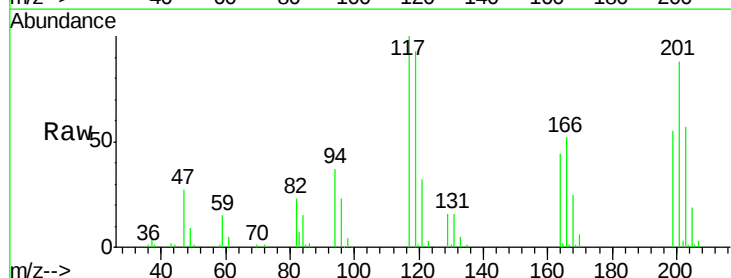
Tgt Ion:117 Resp: 61340

Ion Ratio Lower Upper

117 100

119 93.3 76.7 115.1

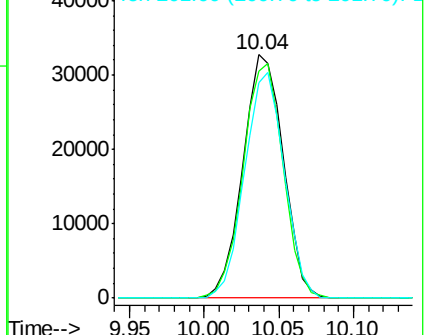
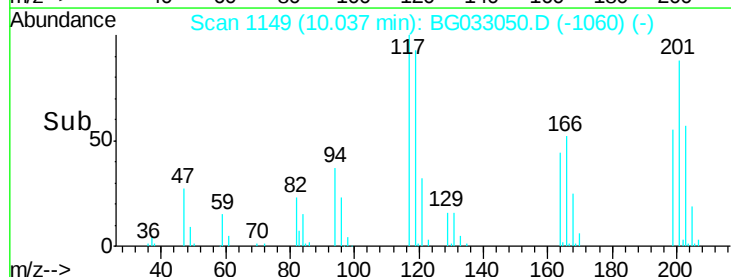
201 88.4 95.7 143.5#

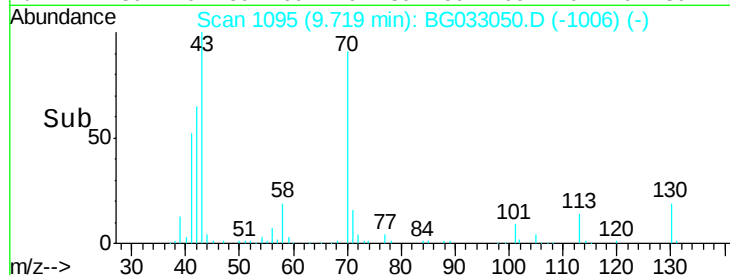
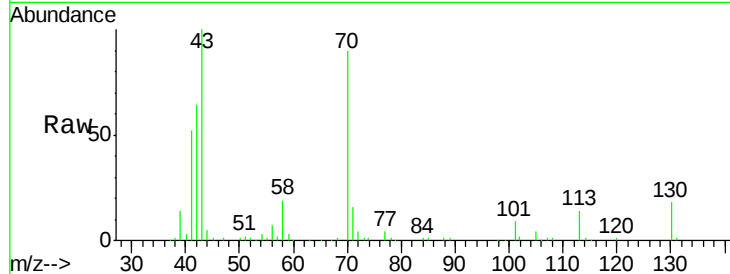
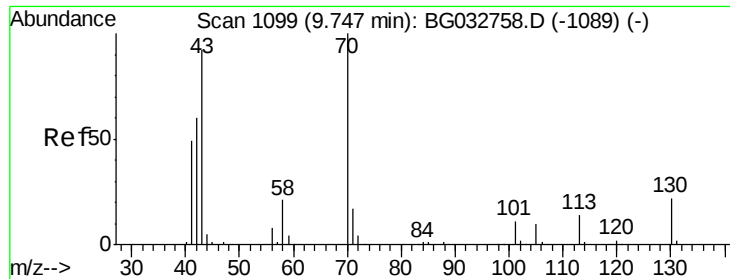


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

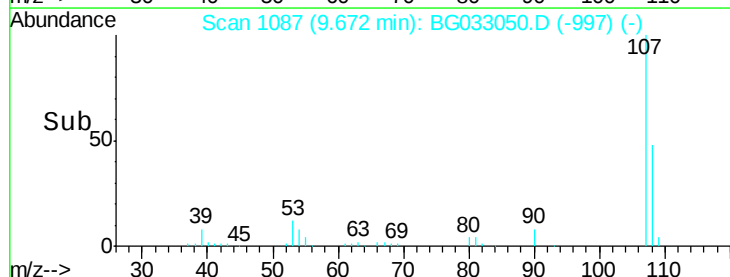
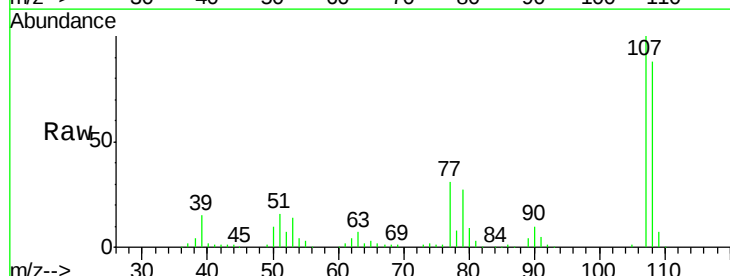
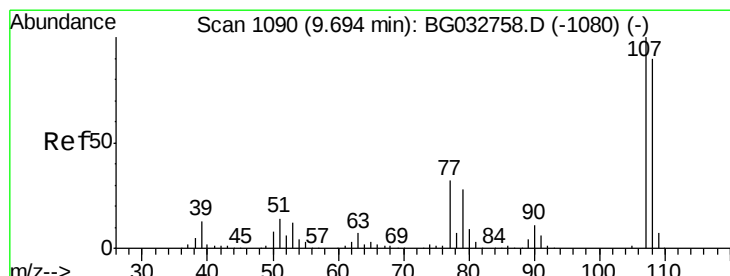
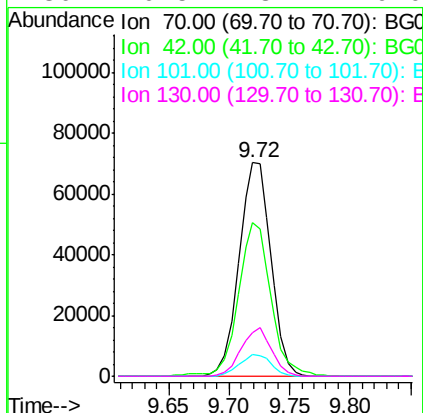




#19
n-Nitroso-di-n-propylamine
Concen: 33.836 ng
RT: 9.72 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BG033050.D
Acq: 8 Mar 2018 21:01

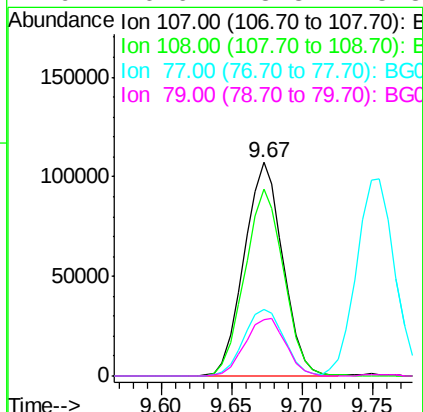
Instrument :
BNA_G
ClientSampleId :
PB107143BSD

Tot Ion: 70 Resp: 128848
Ion Ratio Lower Upper
70 100
42 71.6 49.1 73.7
101 10.4 8.5 12.7
130 20.5 13.4 20.0#



#20
3+4-Methylphenols
Concen: 36.866 ng
RT: 9.67 min Scan# 1087
Delta R.T. 0.00 min
Lab File: BG033050.D
Acq: 8 Mar 2018 21:01

Tgt Ion: 107 Resp: 205530
Ion Ratio Lower Upper
107 100
108 87.8 61.6 101.6
77 31.2 13.9 53.9
79 26.6 8.8 48.8

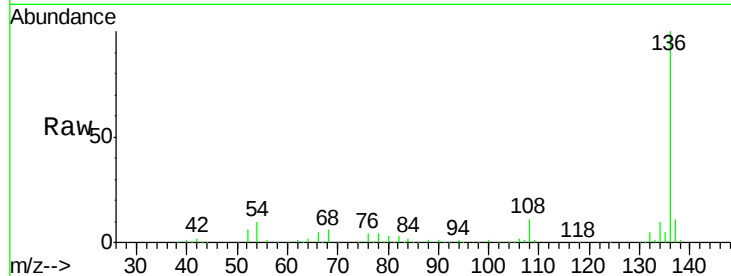




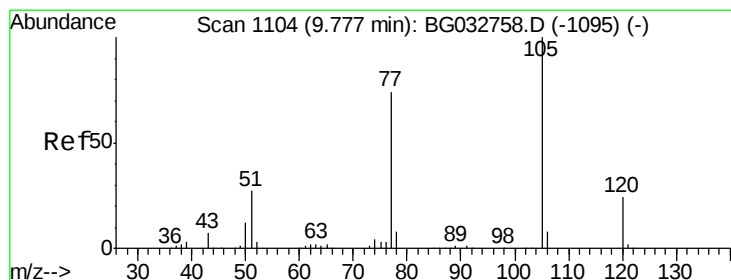
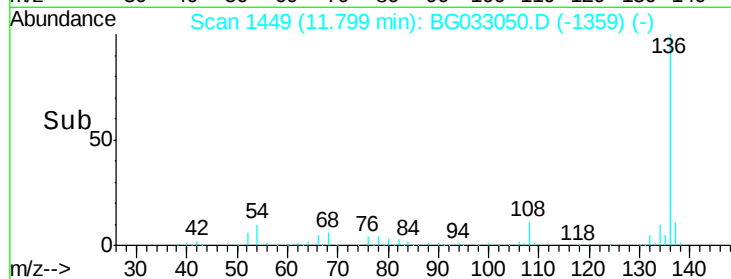
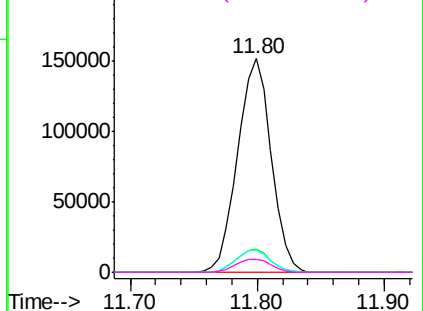
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.80 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BG033050.D
Acq: 8 Mar 2018 21:01

Instrument :
BNA_G
ClientSampleId :
PB107143BSD

Tot Ion:136	Resp:	277371
Ion	Ratio	Lower Upper
136	100	
137	11.0	9.2 13.8
54	10.5	10.3 15.5
68	6.0	4.5 6.7

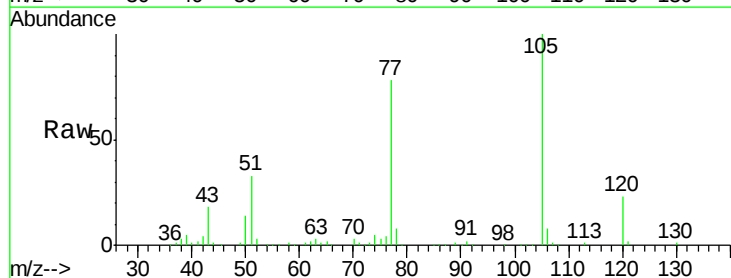


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

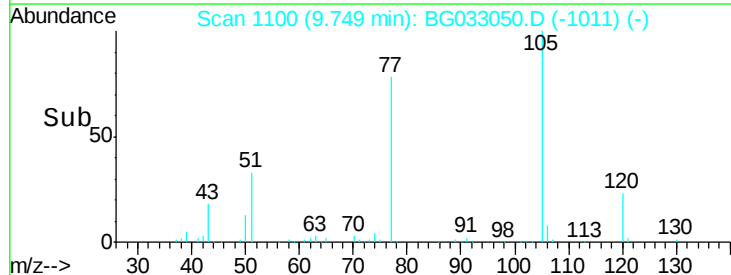
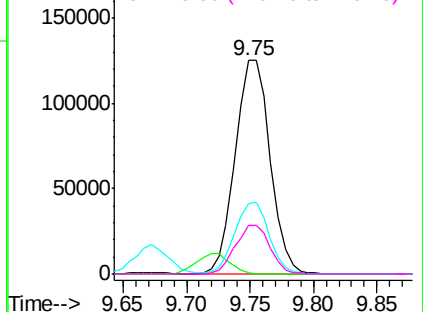


#22
Acetophenone
Concen: 34.115 ng
RT: 9.75 min Scan# 1100
Delta R.T. -0.00 min
Lab File: BG033050.D
Acq: 8 Mar 2018 21:01

Tgt Ion:105	Resp:	238975
Ion	Ratio	Lower Upper
105	100	
71	0.6	3.0 4.4#
51	33.0	26.1 39.1
120	22.7	17.4 26.2



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

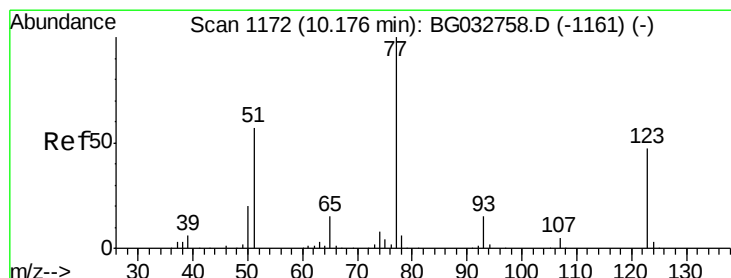
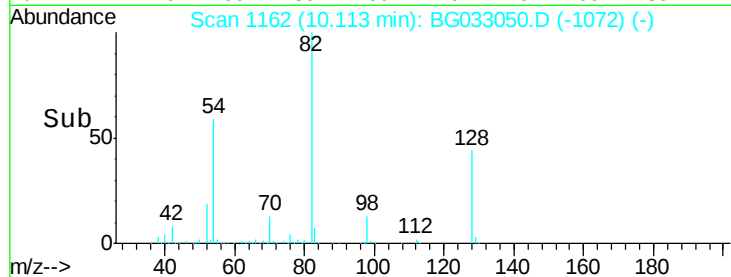
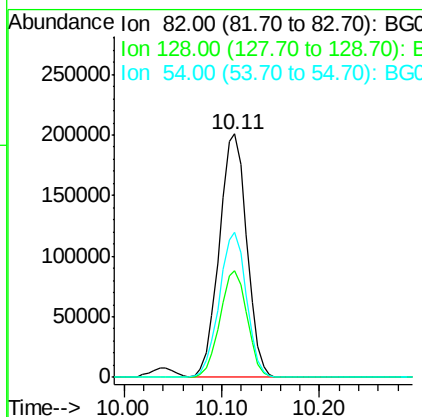
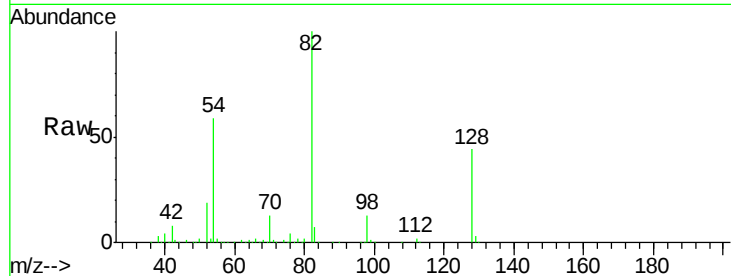




#23
 Nitrobenzene-d5
 Concen: 96.703 ng
 RT: 10.11 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: BG033050.D
 Acq: 8 Mar 2018 21:01

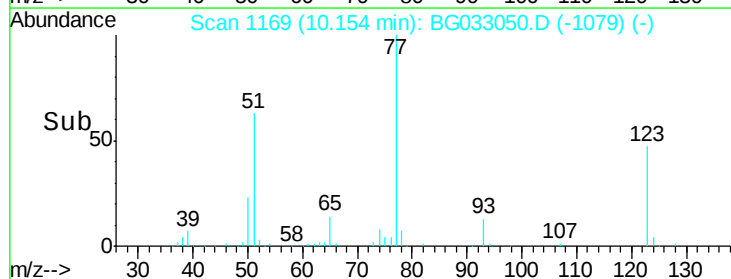
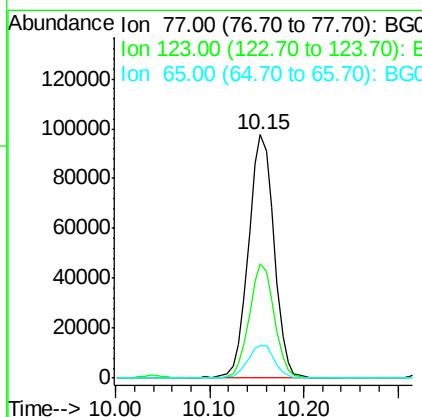
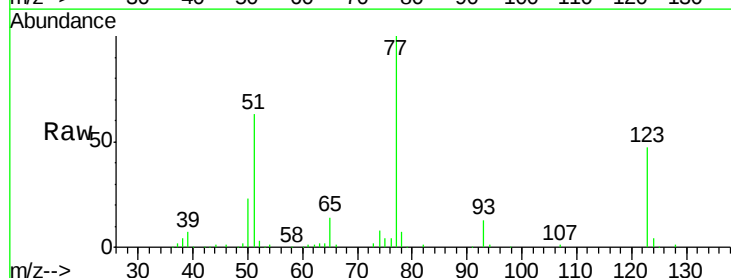
Instrument :
 BNA_G
 ClientSampleId :
 PB107143BSD

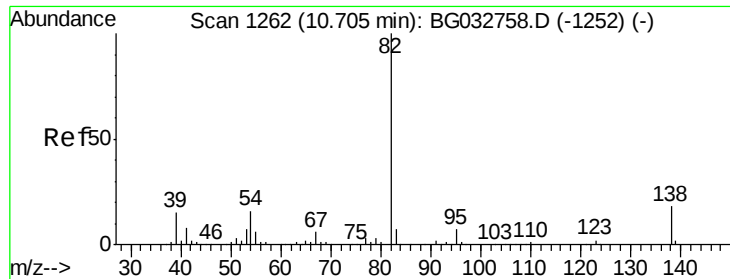
Tot Ion	82	Resp	392693
Ion Ratio	Lower	Upper	
82	100		
128	44.0	29.7	44.5
54	59.4	43.1	64.7



#24
 Nitrobenzene
 Concen: 42.350 ng
 RT: 10.15 min Scan# 1169
 Delta R.T. 0.00 min
 Lab File: BG033050.D
 Acq: 8 Mar 2018 21:01

Tgt Ion	77	Resp	183497
Ion Ratio	Lower	Upper	
77	100		
123	47.0	33.0	49.6
65	13.6	13.0	19.6





#25

Isophorone

Concen: 35.835 ng

RT: 10.68 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BG033050.D

Acq: 8 Mar 2018 21:01

Instrument :

BNA_G

ClientSampleId :

PB107143BSD

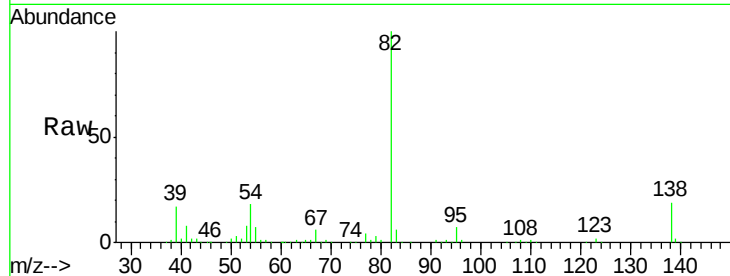
Tot Ion: 82 Resp: 348871

Ion Ratio Lower Upper

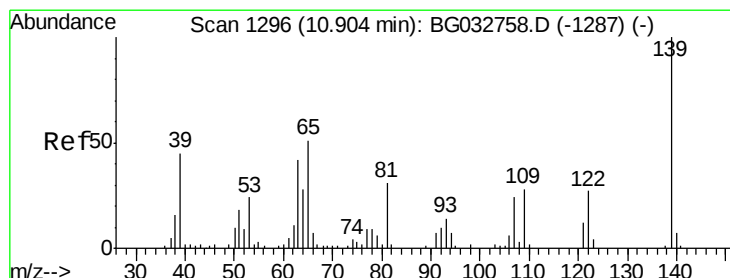
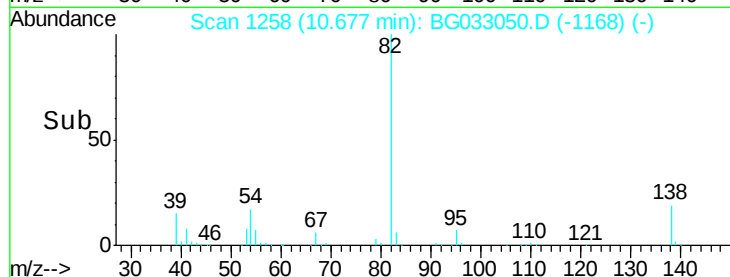
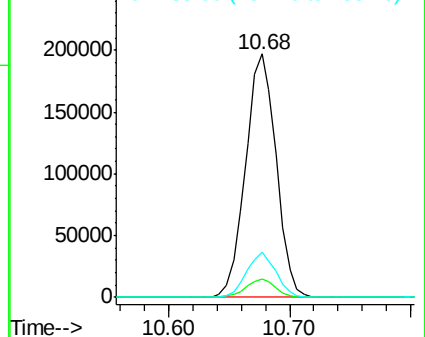
82 100

95 7.3 6.2 9.2

138 18.6 12.1 18.1#



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



#26

2-Nitrophenol

Concen: 54.086 ng

RT: 10.88 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BG033050.D

Acq: 8 Mar 2018 21:01

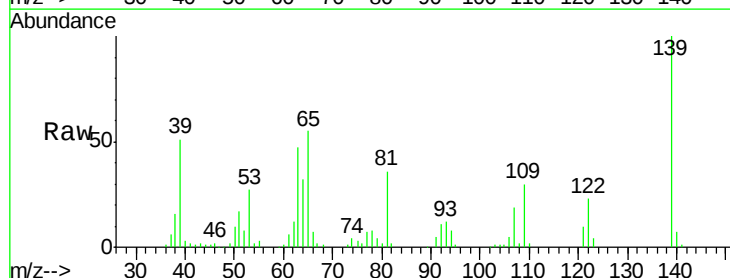
Tgt Ion: 139 Resp: 88334

Ion Ratio Lower Upper

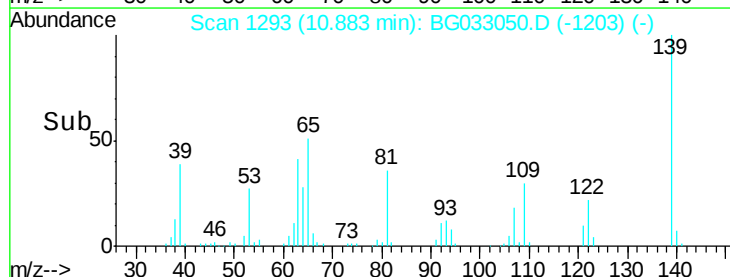
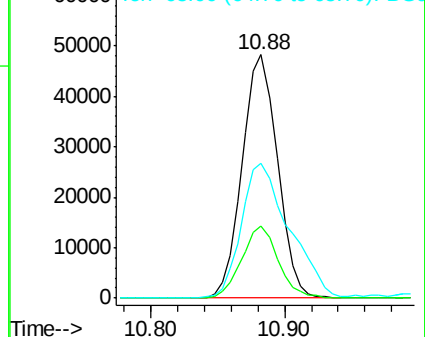
139 100

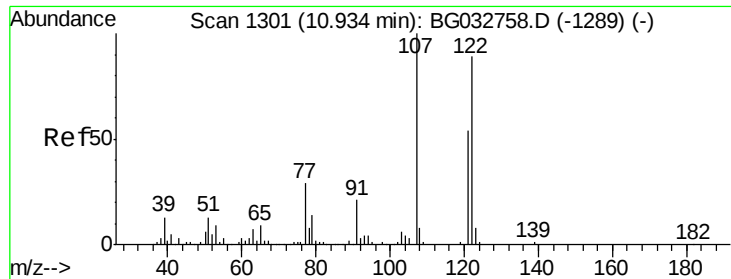
109 29.8 24.2 36.2

65 55.2 47.4 71.0



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

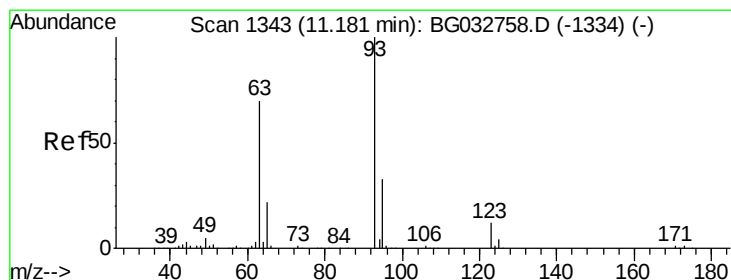
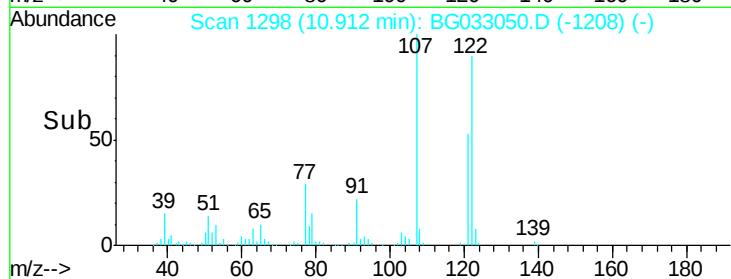
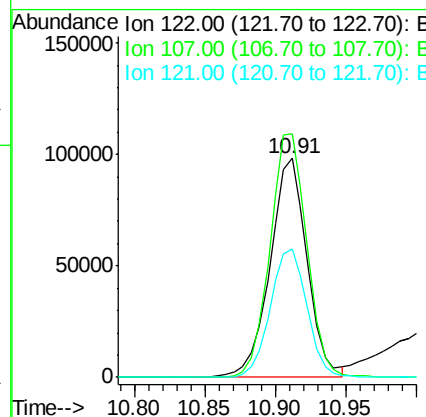
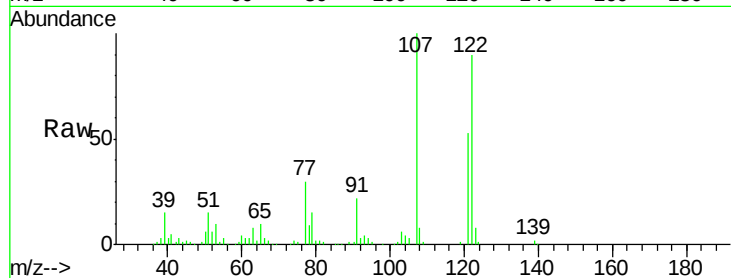




#27
 2,4-Dimethylphenol
 Concen: 42.661 ng
 RT: 10.91 min Scan# 1298
 Delta R.T. 0.00 min
 Lab File: BG033050.D
 Acq: 8 Mar 2018 21:01

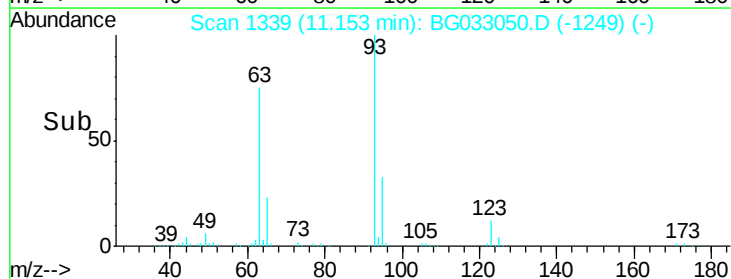
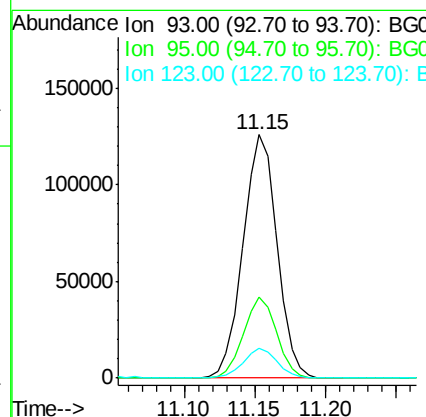
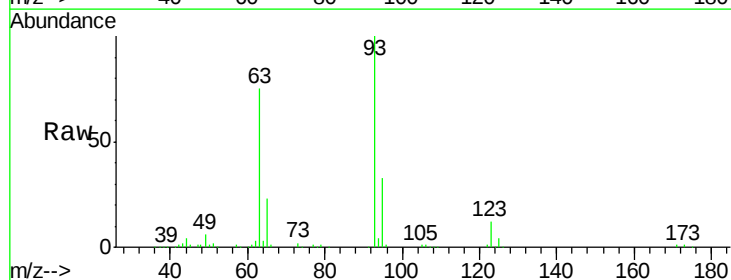
Instrument :
 BNA_G
 ClientSampleId :
 PB107143BSD

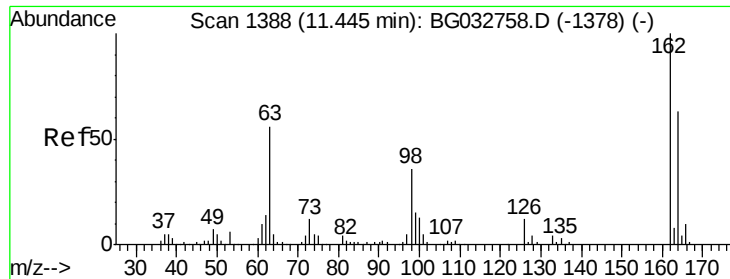
Tot Ion:122 Resp: 180425
 Ion Ratio Lower Upper
 122 100
 107 111.1 100.2 150.2
 121 58.7 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.413 ng
 RT: 11.15 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BG033050.D
 Acq: 8 Mar 2018 21:01

Tgt Ion: 93 Resp: 212191
 Ion Ratio Lower Upper
 93 100
 95 33.2 24.3 36.5
 123 12.3 8.4 12.6

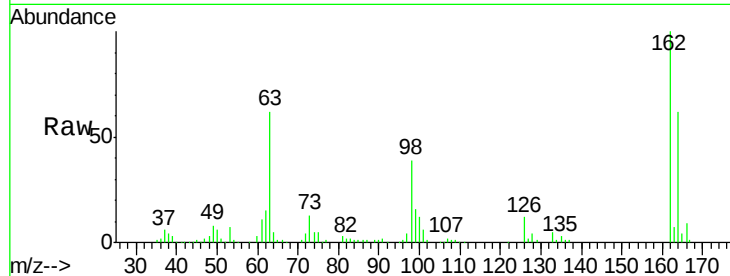




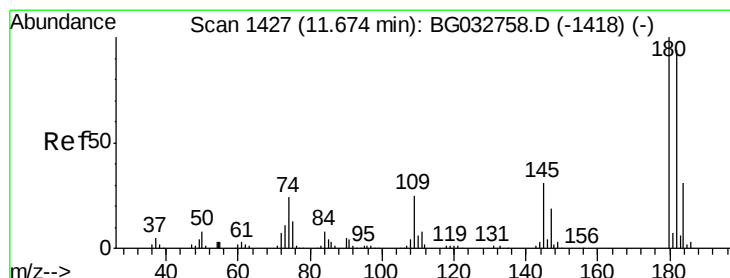
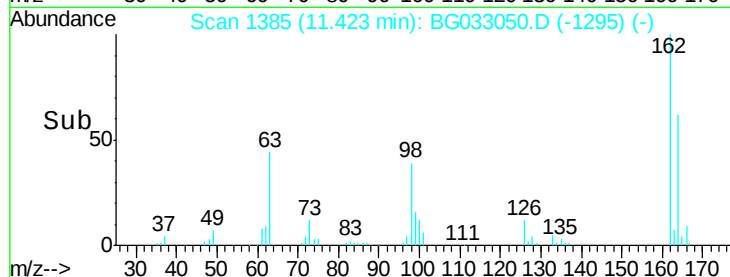
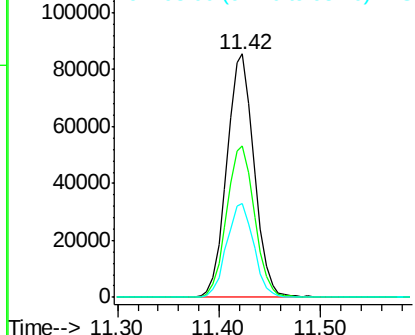
#29
 2,4-Dichlorophenol
 Concen: 41.643 ng
 RT: 11.42 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: BG033050.D
 Acq: 8 Mar 2018 21:01

Instrument :
 BNA_G
 ClientSampleId :
 PB107143BSD

Tot Ion:162 Resp: 159843
 Ion Ratio Lower Upper
 162 100
 164 62.2 48.0 88.0
 98 38.5 21.1 61.1

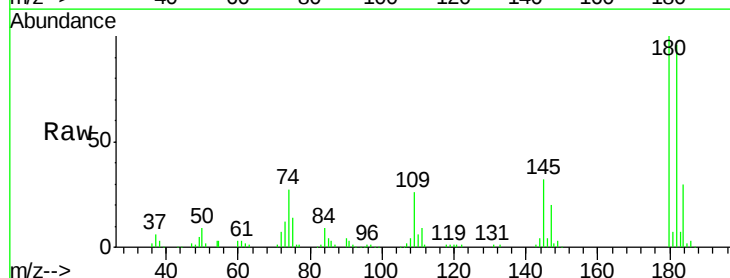


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

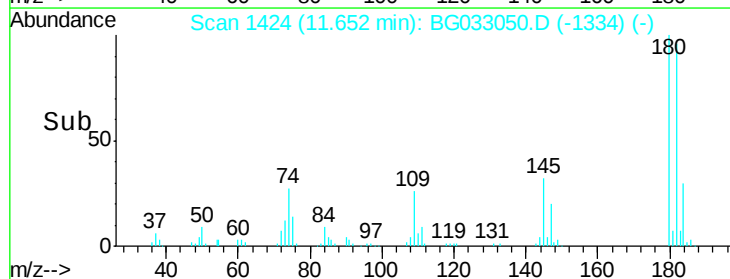
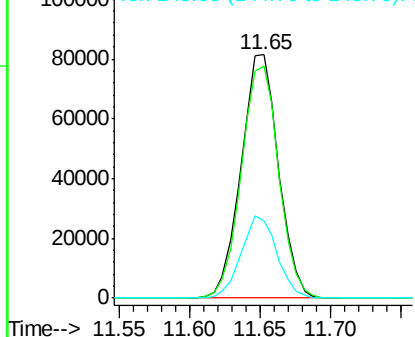


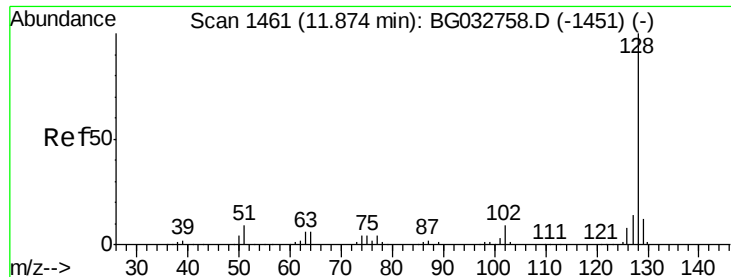
#30
 1,2,4-Trichlorobenzene
 Concen: 33.510 ng
 RT: 11.65 min Scan# 1424
 Delta R.T. 0.00 min
 Lab File: BG033050.D
 Acq: 8 Mar 2018 21:01

Tgt Ion:180 Resp: 150776
 Ion Ratio Lower Upper
 180 100
 182 95.6 77.5 116.3
 145 31.9 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

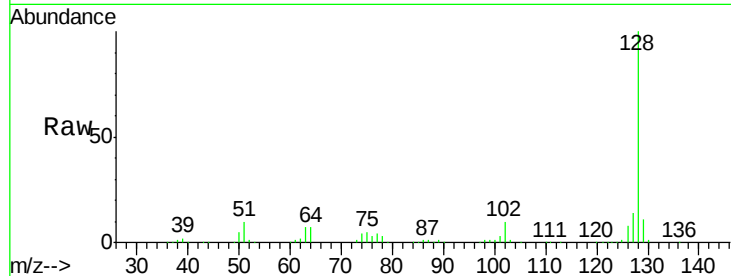




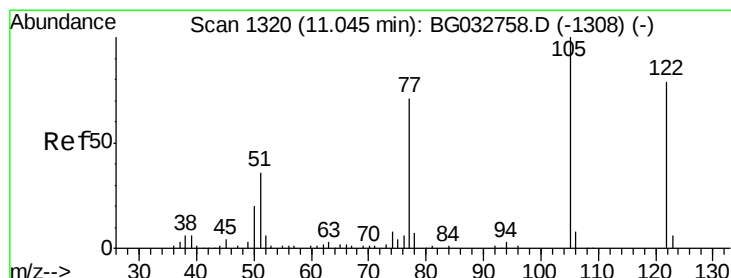
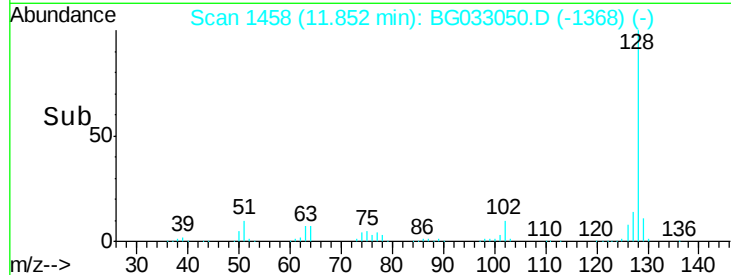
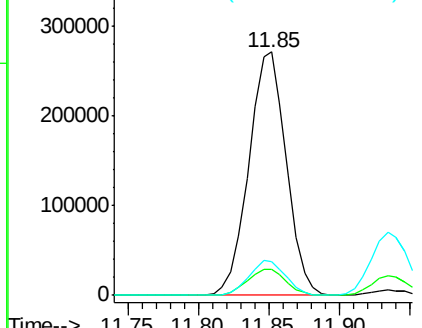
#31
Naphthalene
Concen: 34.779 ng
RT: 11.85 min Scan# 1458
Delta R.T. 0.00 min
Lab File: BG033050.D
Acq: 8 Mar 2018 21:01

Instrument :
BNA_G
ClientSampleId :
PB107143BSD

Tot Ion:128 Resp: 504070
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 13.7 11.6 17.4

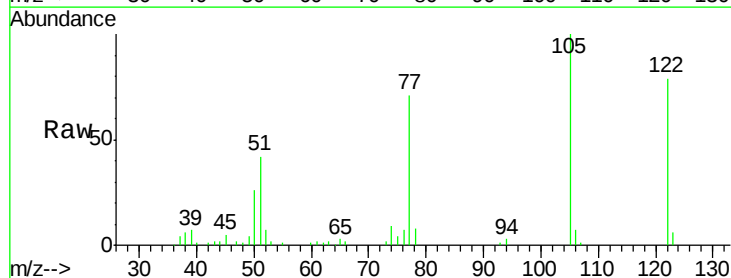


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

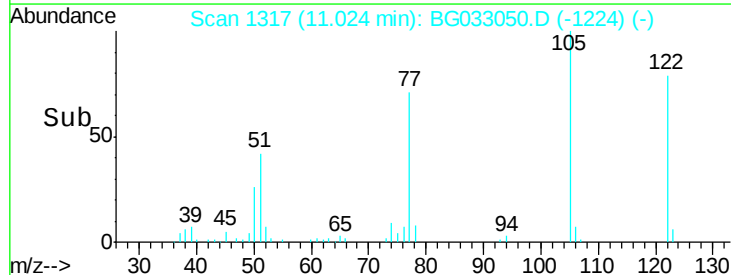
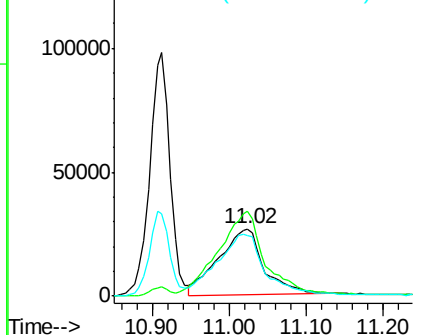


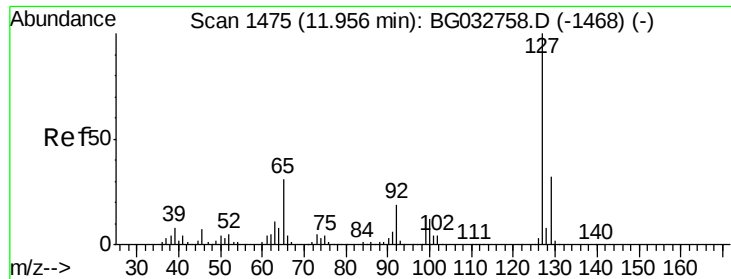
#32
Benzoic acid
Concen: 43.221 ng
RT: 11.02 min Scan# 1317
Delta R.T. 0.02 min
Lab File: BG033050.D
Acq: 8 Mar 2018 21:01

Tgt Ion:122 Resp: 108546
Ion Ratio Lower Upper
122 100
105 126.7 123.5 163.5
77 90.6 85.7 125.7



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

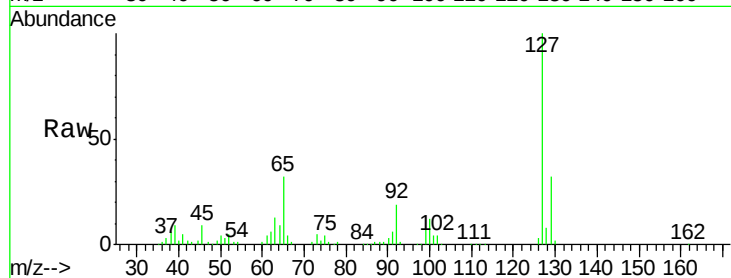




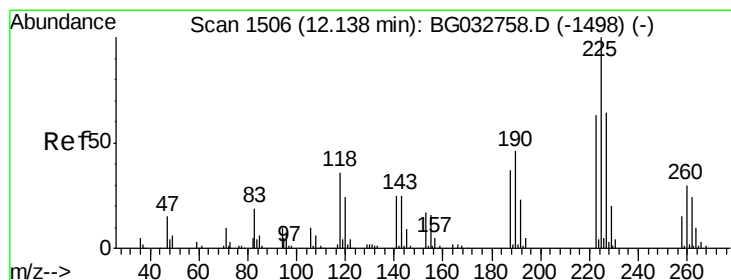
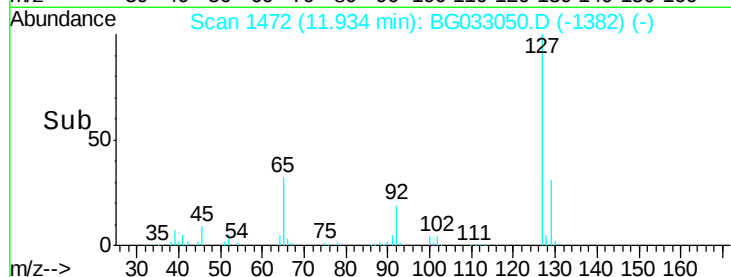
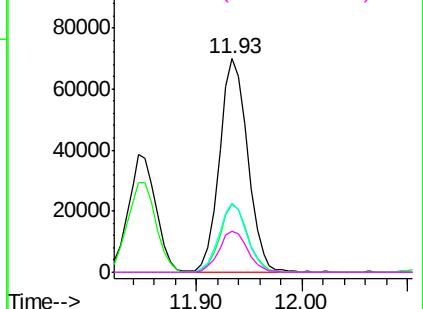
#33
4-Chloroaniline
Concen: 20.009 ng
RT: 11.93 min Scan# 1472
Delta R.T. 0.00 min
Lab File: BG033050.D
Acq: 8 Mar 2018 21:01

Instrument :
BNA_G
ClientSampleId :
PB107143BSD

Tot Ion:	127	Resp:	129668
Ion	Ratio	Lower	Upper
127	100		
129	31.6	24.0	36.0
65	32.4	27.0	40.4
92	19.2	16.6	25.0

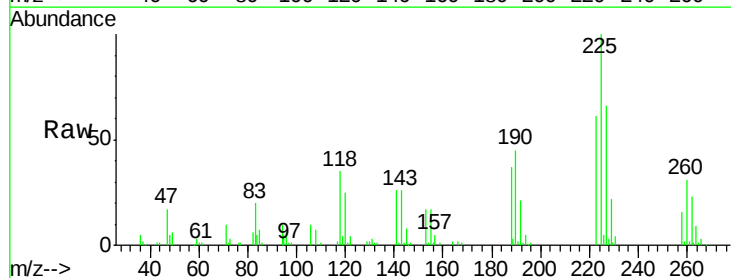


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

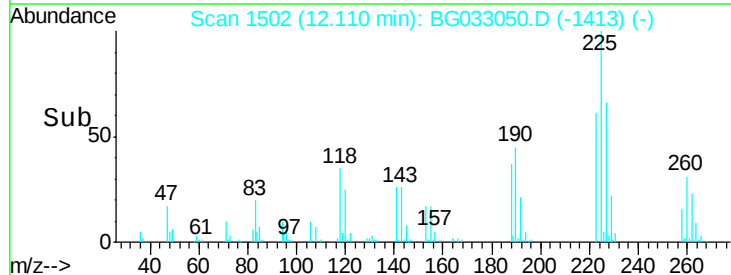
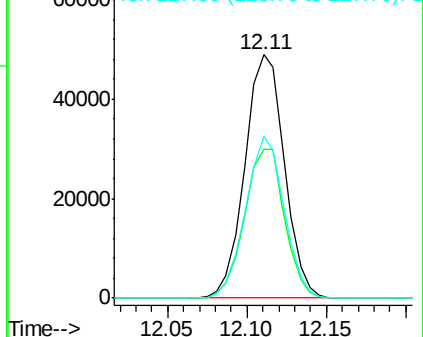


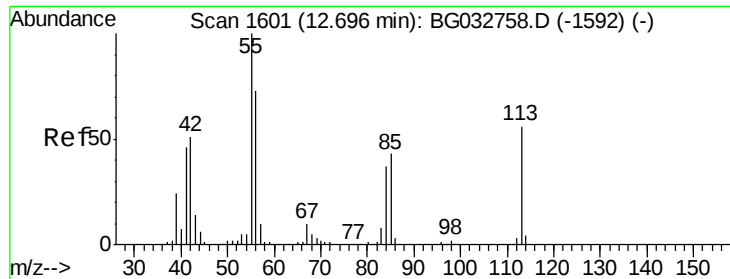
#34
Hexachlorobutadiene
Concen: 33.523 ng
RT: 12.11 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BG033050.D
Acq: 8 Mar 2018 21:01

Tgt Ion:	225	Resp:	84606
Ion	Ratio	Lower	Upper
225	100		
223	61.2	49.7	74.5
227	66.4	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: 42.116 ng

RT: 12.69 min Scan# 1600

Delta R.T. 0.01 min

Lab File: BG033050.D

Acq: 8 Mar 2018 21:01

Instrument :

BNA_G

ClientSampleId :

PB107143BSD

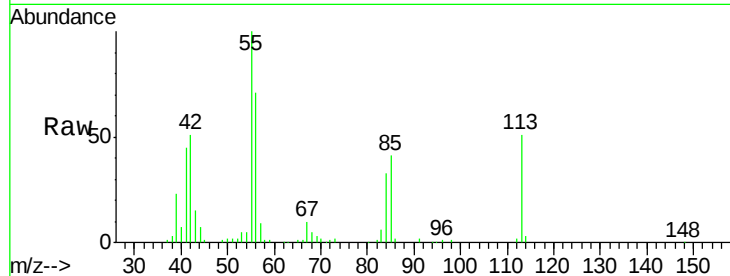
Tot Ion:113 Resp: 64731

Ion Ratio Lower Upper

113 100

55 196.0 186.9 226.9

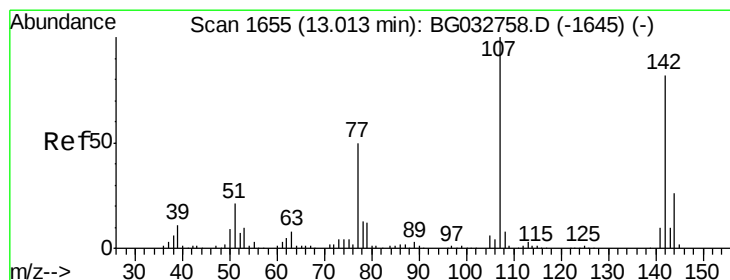
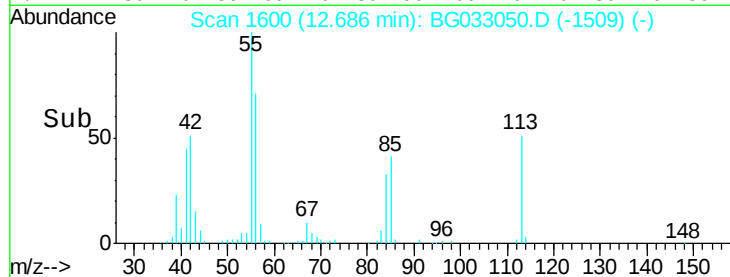
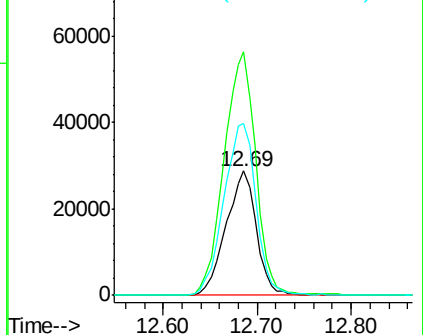
56 138.6 130.9 170.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 43.787 ng

RT: 13.00 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BG033050.D

Acq: 8 Mar 2018 21:01

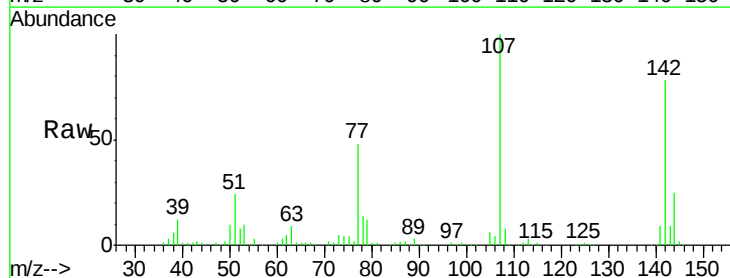
Tgt Ion:107 Resp: 195588

Ion Ratio Lower Upper

107 100

144 24.9 18.2 27.4

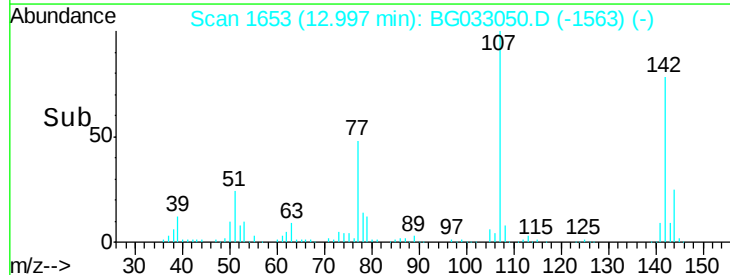
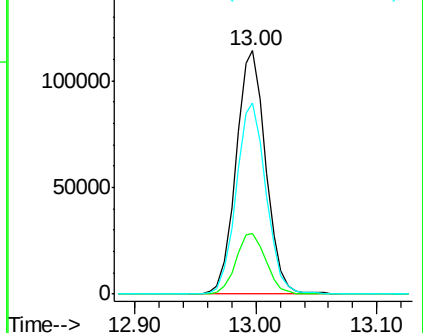
142 78.5 59.0 88.4

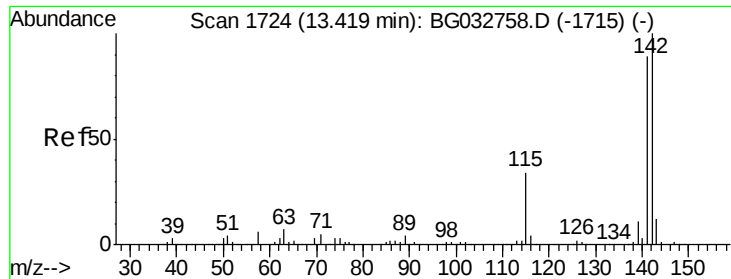


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

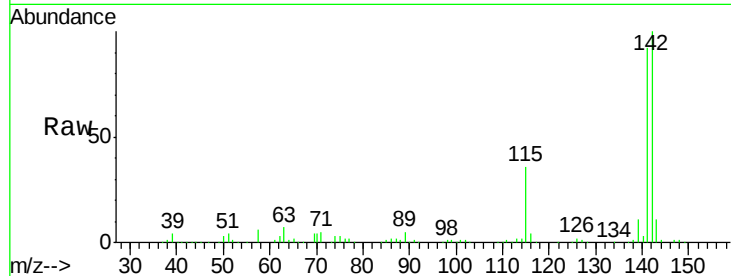




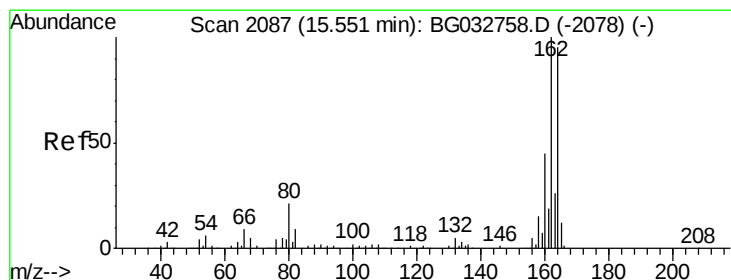
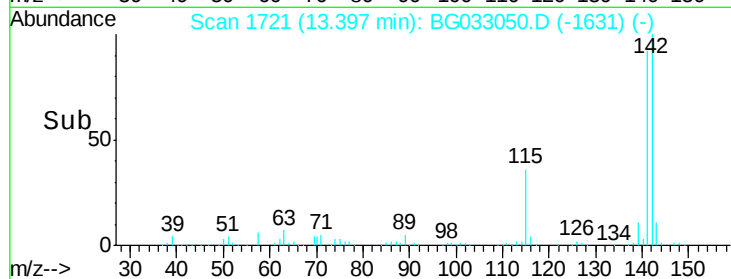
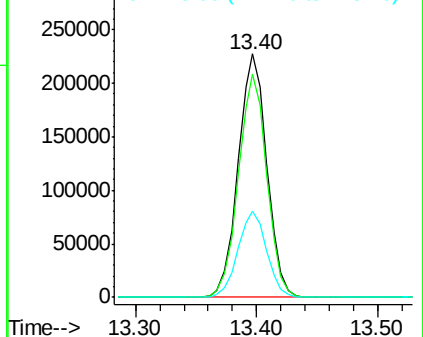
#37
 2-Methylnaphthalene
 Concen: 35.706 ng
 RT: 13.40 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: BG033050.D
 Acq: 8 Mar 2018 21:01

Instrument :
 BNA_G
 ClientSampleId :
 PB107143BSD

Tot Ion:142 Resp: 374413
 Ion Ratio Lower Upper
 142 100
 141 91.7 67.1 100.7
 115 35.5 30.7 46.1

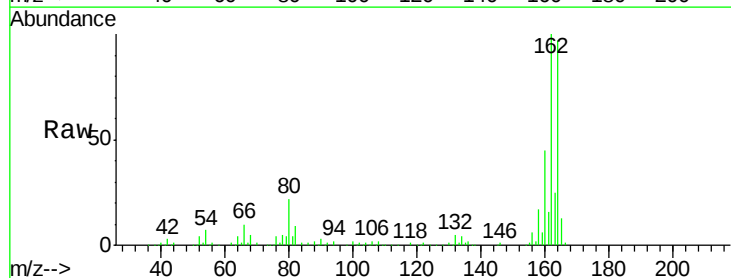


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

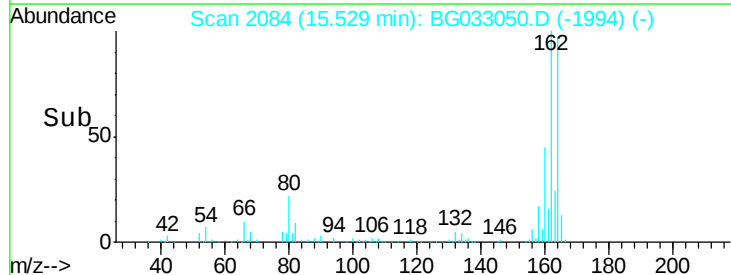
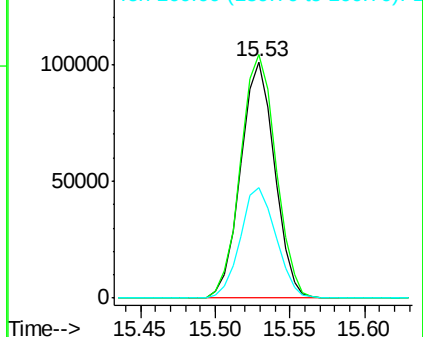


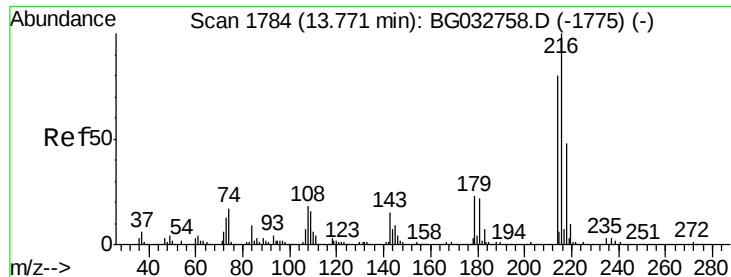
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2084
 Delta R.T. 0.00 min
 Lab File: BG033050.D
 Acq: 8 Mar 2018 21:01

Tgt Ion:164 Resp: 159017
 Ion Ratio Lower Upper
 164 100
 162 103.1 78.8 118.2
 160 46.9 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: 34.125 ng

RT: 13.75 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BG033050.D

Acq: 8 Mar 2018 21:01

Instrument :

BNA_G

ClientSampleId :

PB107143BSD

Tot Ion:216 Resp: 161088

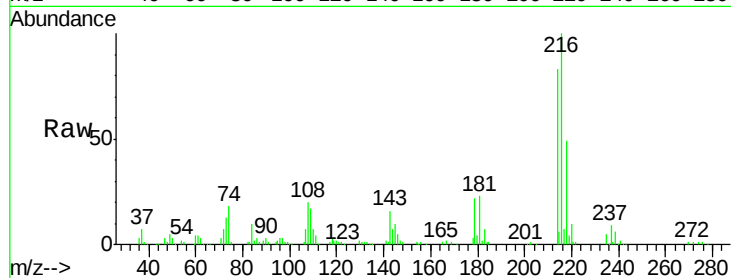
Ion Ratio Lower Upper

216 100

214 80.0 63.0 94.4

179 22.7 17.0 25.6

108 23.5 12.8 19.2#

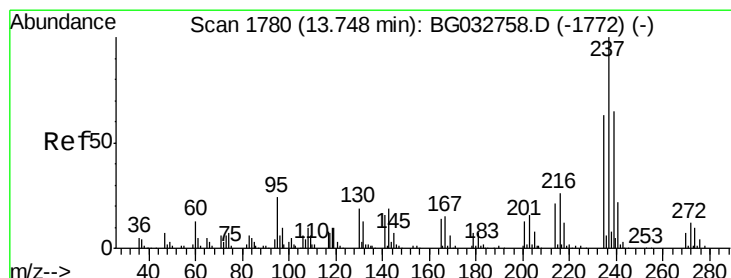
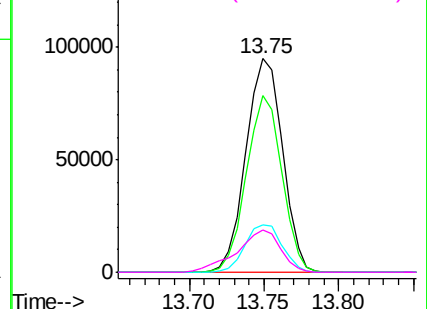
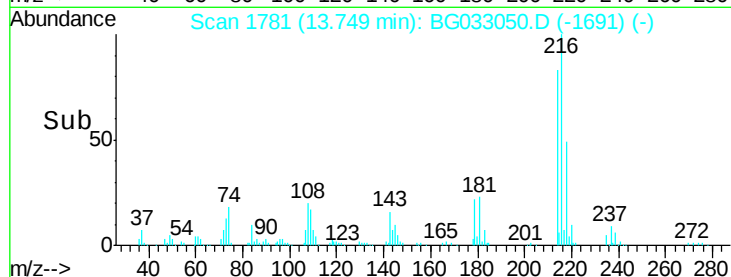


Abundance Ion 216.00 (215.70 to 216.70): E

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: 83.446 ng

RT: 13.73 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BG033050.D

Acq: 8 Mar 2018 21:01

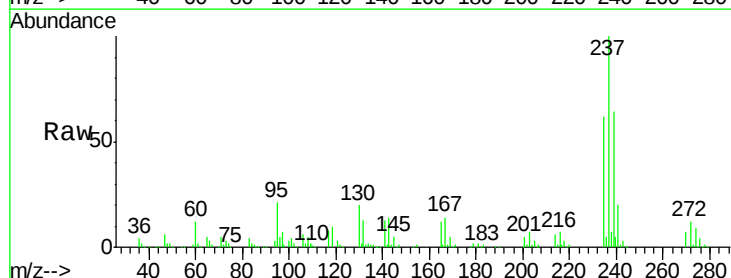
Tgt Ion:237 Resp: 200747

Ion Ratio Lower Upper

237 100

235 61.8 50.4 90.4

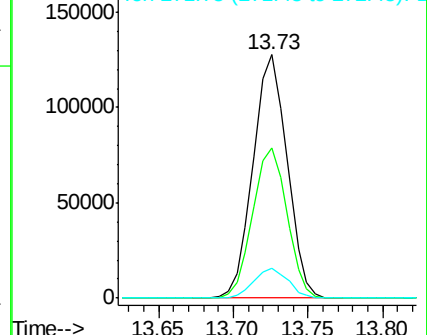
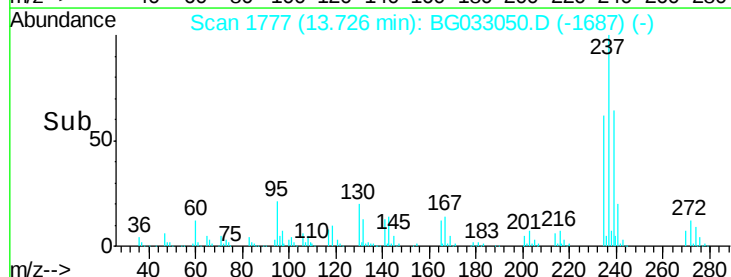
272 12.5 0.0 31.8

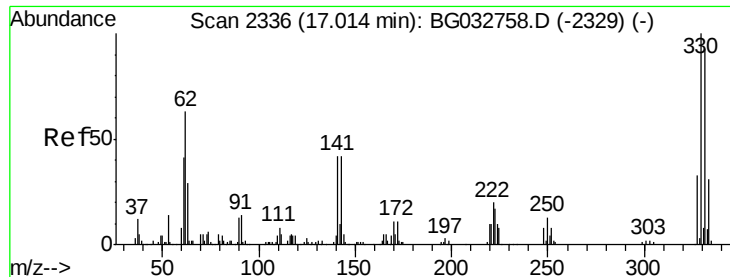


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

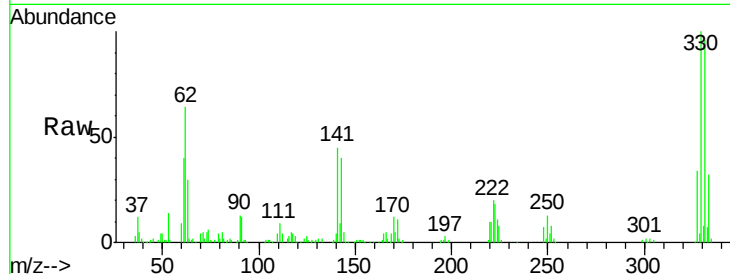




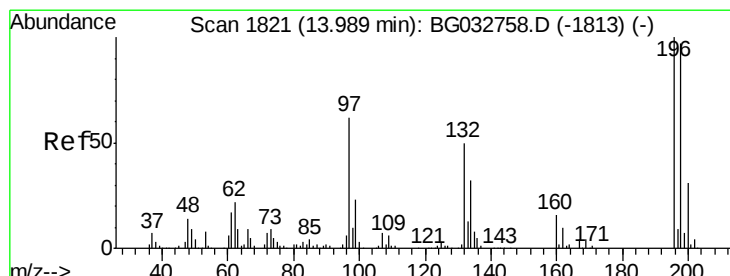
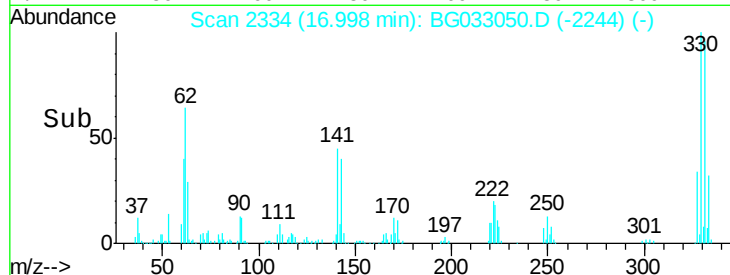
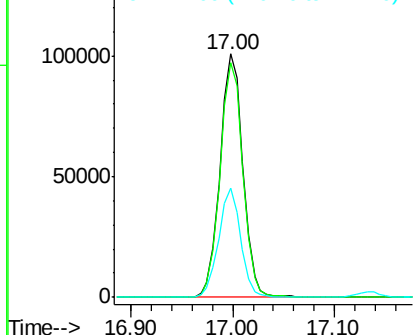
#41
 2,4,6-Tribromophenol
 Concen: 94.135 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. 0.00 min
 Lab File: BG033050.D
 Acq: 8 Mar 2018 21:01

Instrument :
 BNA_G
 ClientSampleId :
 PB107143BSD

Tot Ion:330 Resp: 157395
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 43.4 25.2 37.8#

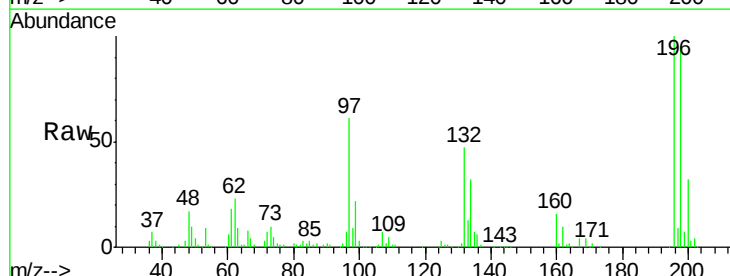


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

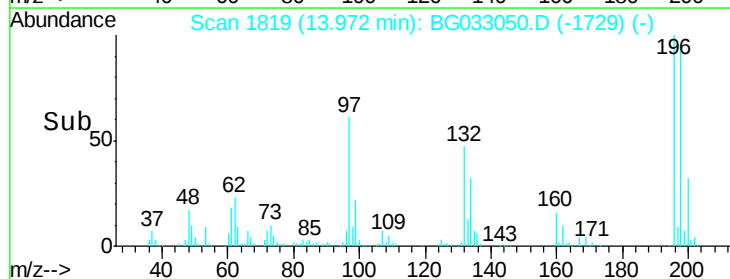
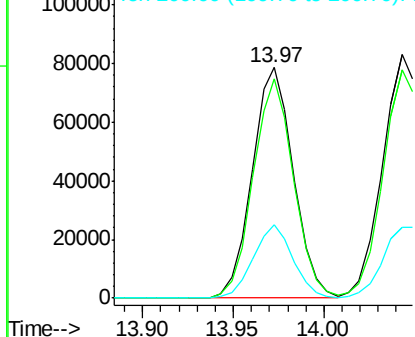


#42
 2,4,6-Trichlorophenol
 Concen: 41.853 ng
 RT: 13.97 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: BG033050.D
 Acq: 8 Mar 2018 21:01

Tgt Ion:196 Resp: 124593
 Ion Ratio Lower Upper
 196 100
 198 95.0 78.2 117.2
 200 31.8 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

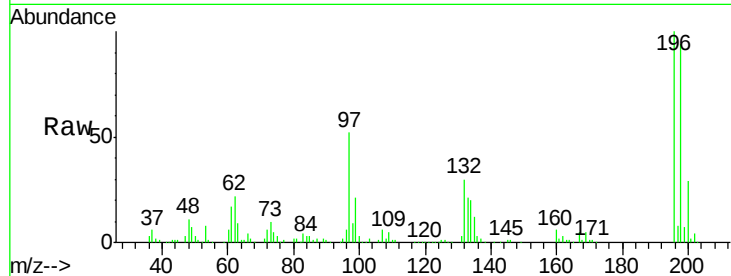




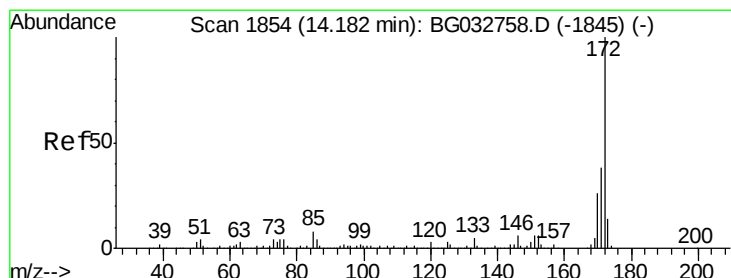
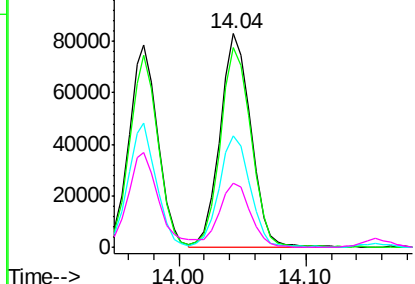
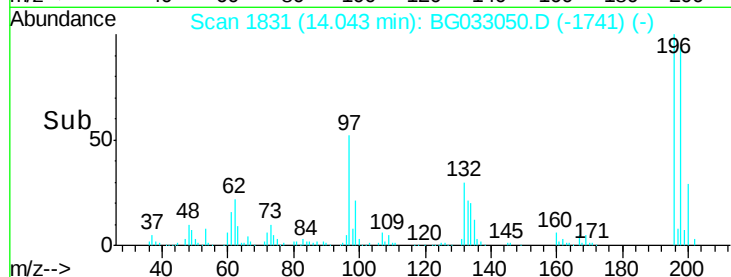
#43
 2,4,5-Trichlorophenol
 Concen: 40.308 ng
 RT: 14.04 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: BG033050.D
 Acq: 8 Mar 2018 21:01

Instrument :
 BNA_G
 ClientSampleId :
 PB107143BSD

Tot Ion:196 Resp: 138876
 Ion Ratio Lower Upper
 196 100
 198 93.5 76.2 114.4
 97 52.3 38.7 58.1
 132 30.1 20.2 30.2

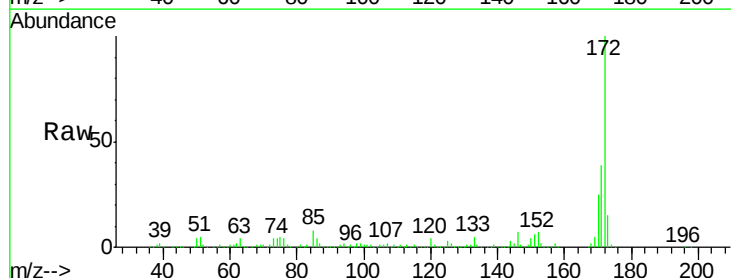


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

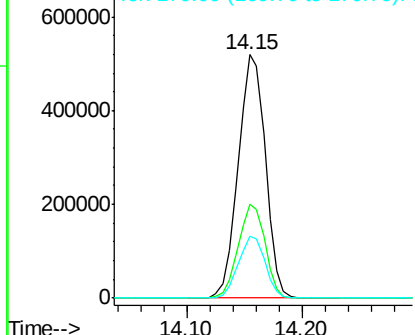
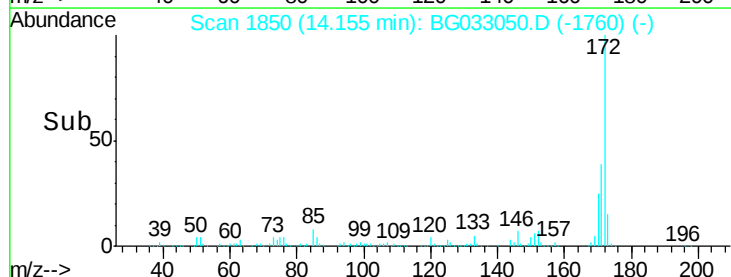


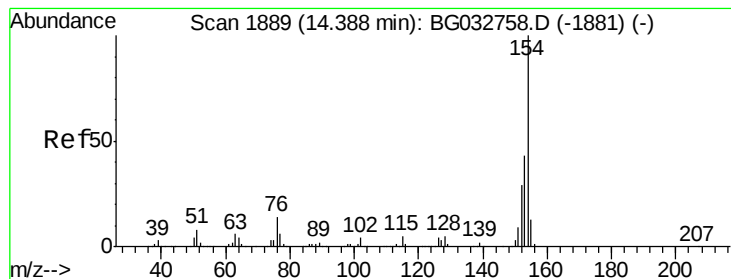
#44
 2-Fluorobiphenyl
 Concen: 76.436 ng
 RT: 14.15 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BG033050.D
 Acq: 8 Mar 2018 21:01

Tgt Ion:172 Resp: 842754
 Ion Ratio Lower Upper
 172 100
 171 38.7 30.0 45.0
 170 25.4 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: 34.198 ng

RT: 14.37 min Scan# 1886

Delta R.T. -0.00 min

Lab File: BG033050.D

Acq: 8 Mar 2018 21:01

Instrument :

BNA_G

ClientSampleId :

PB107143BSD

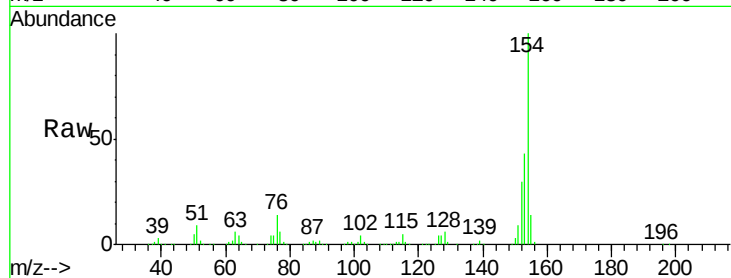
Tot Ion:154 Resp: 475201

Ion Ratio Lower Upper

154 100

153 42.9 19.8 59.8

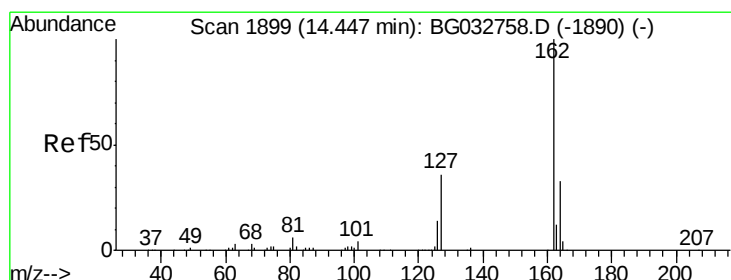
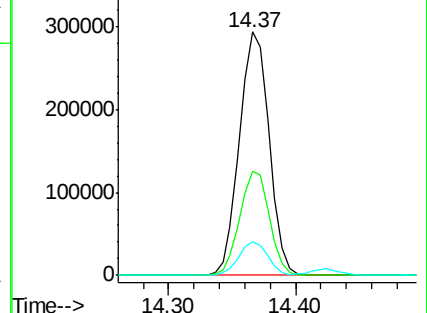
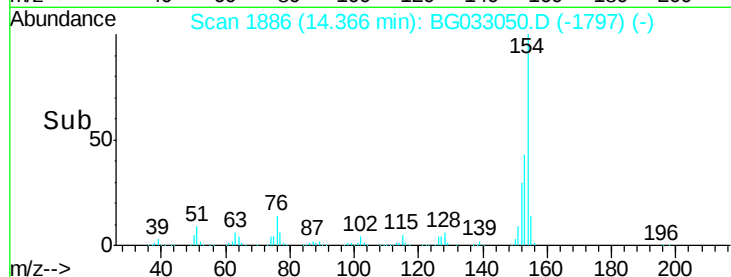
76 13.8 0.0 31.9



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: 34.724 ng

RT: 14.42 min Scan# 1896

Delta R.T. 0.00 min

Lab File: BG033050.D

Acq: 8 Mar 2018 21:01

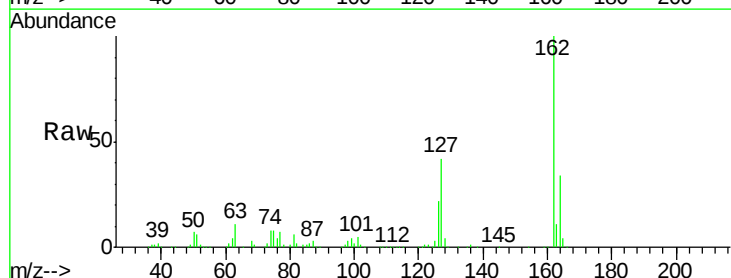
Tgt Ion:162 Resp: 360430

Ion Ratio Lower Upper

162 100

127 42.5 30.7 46.1

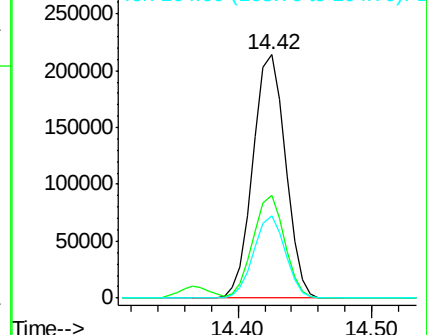
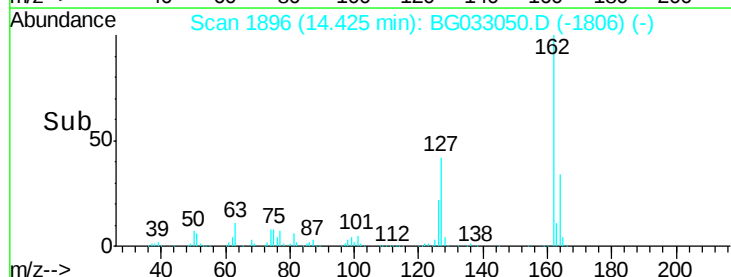
164 33.6 26.0 39.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

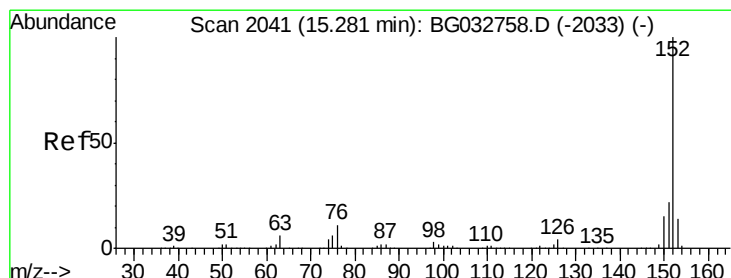
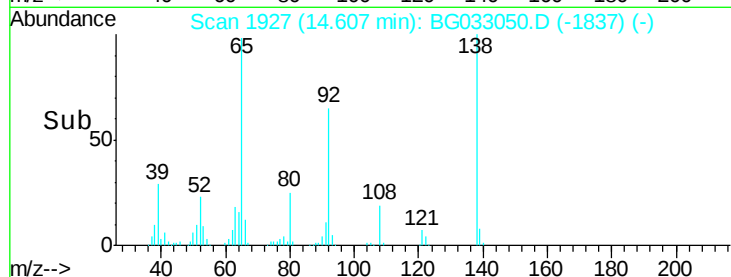
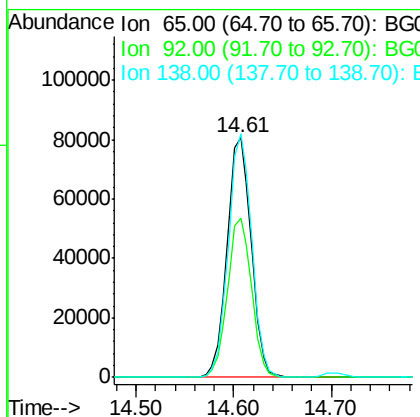
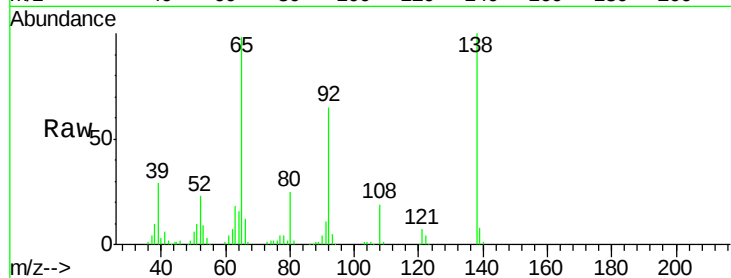




#47
2-Nitroaniline
Concen: 51.769 ng
RT: 14.61 min Scan# 1927
Delta R.T. 0.00 min
Lab File: BG033050.D
Acq: 8 Mar 2018 21:01

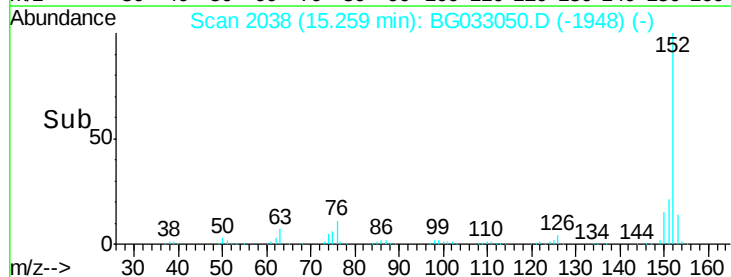
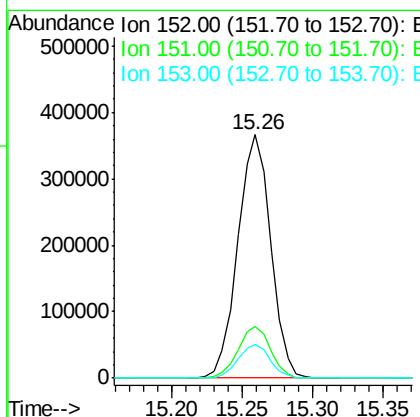
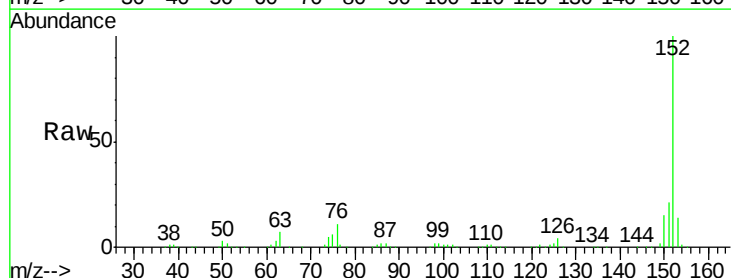
Instrument :
BNA_G
ClientSampleId :
PB107143BSD

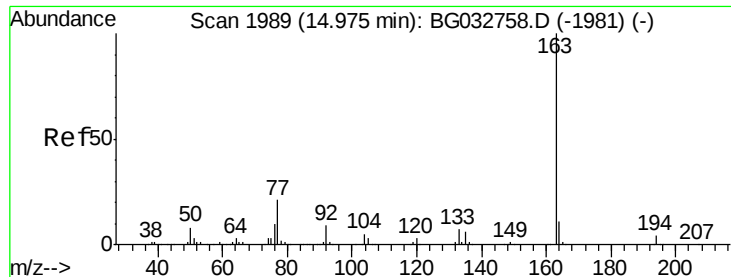
Tot Ion: 65 Resp: 138061
Ion Ratio Lower Upper
65 100
92 66.6 54.6 82.0
138 101.8 72.9 109.3



#48
Acenaphthylene
Concen: 35.022 ng
RT: 15.26 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BG033050.D
Acq: 8 Mar 2018 21:01

Tgt Ion: 152 Resp: 595179
Ion Ratio Lower Upper
152 100
151 21.4 17.2 25.8
153 13.7 10.2 15.4





#49

Dimethylphthalate

Concen: 34.994 ng

RT: 14.95 min Scan# 1986

Delta R.T. 0.00 min

Lab File: BG033050.D

Acq: 8 Mar 2018 21:01

Instrument :

BNA_G

ClientSampleId :

PB107143BSD

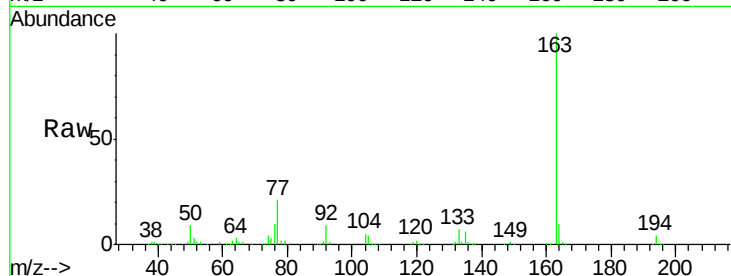
Tot Ion:163 Resp: 472485

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

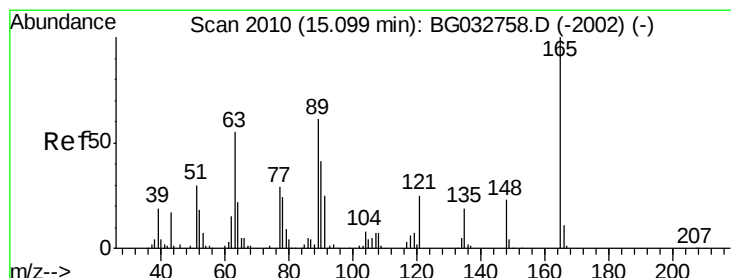
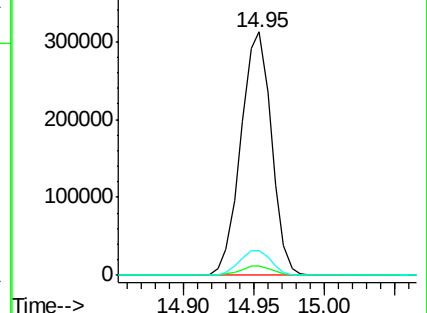
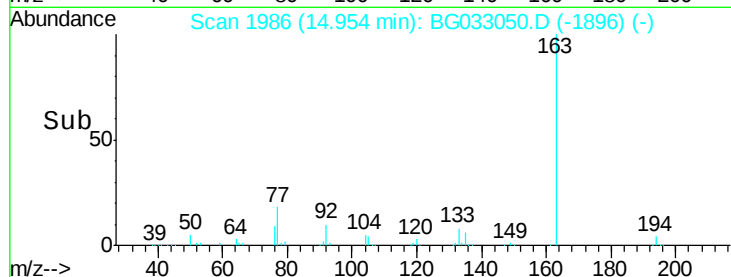
164 10.2 8.2 12.4



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: 47.749 ng

RT: 15.08 min Scan# 2008

Delta R.T. 0.01 min

Lab File: BG033050.D

Acq: 8 Mar 2018 21:01

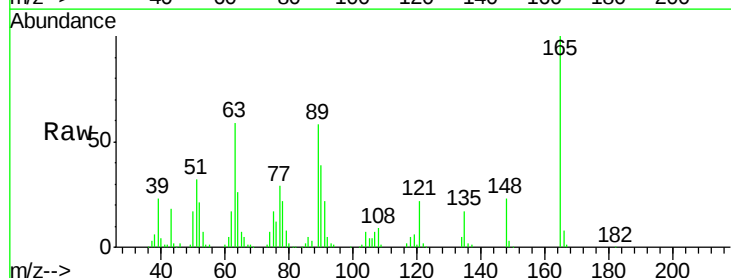
Tgt Ion:165 Resp: 106582

Ion Ratio Lower Upper

165 100

63 59.3 52.7 79.1

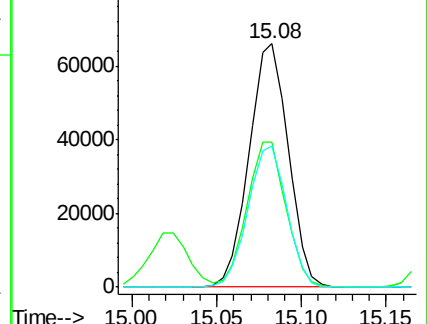
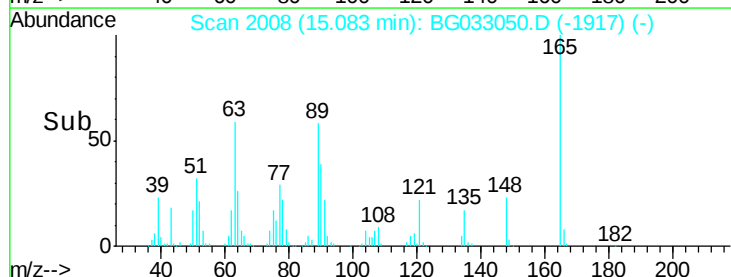
89 58.1 49.2 73.8

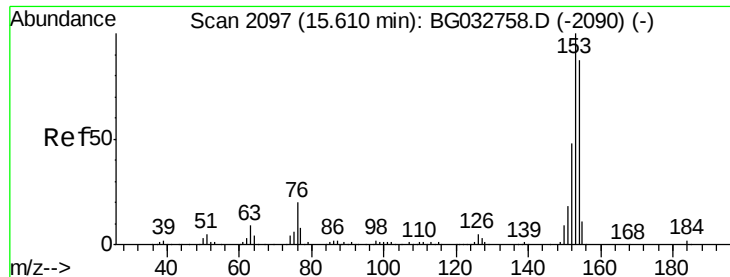


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 39.360 ng

RT: 15.59 min Scan# 2095

Delta R.T. 0.00 min

Lab File: BG033050.D

Acq: 8 Mar 2018 21:01

Instrument :

BNA_G

ClientSampleId :

PB107143BSD

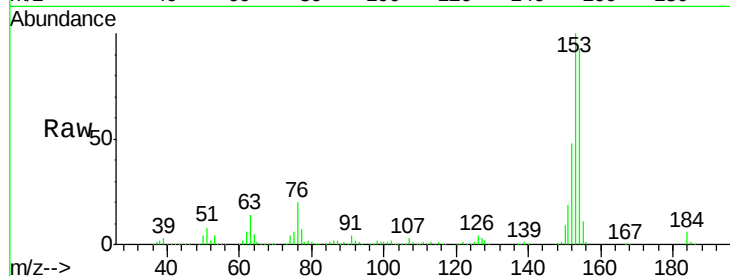
Tot Ion:154 Resp: 416579

Ion Ratio Lower Upper

154 100

153 107.7 90.4 135.6

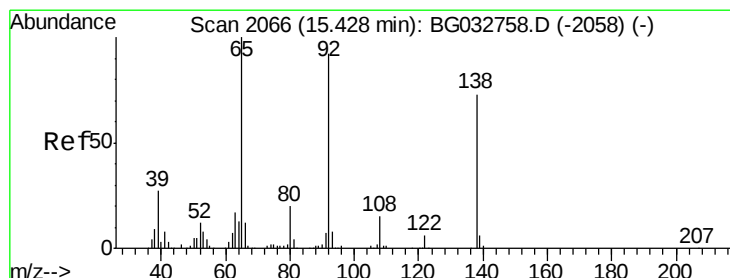
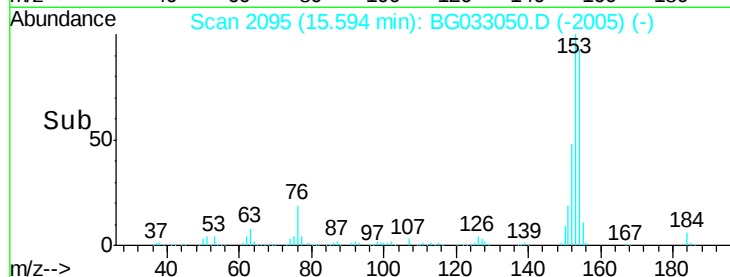
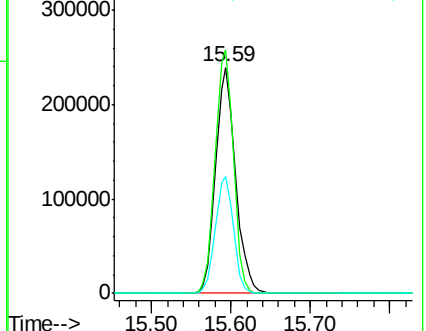
152 51.6 41.6 62.4



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: 32.852 ng

RT: 15.41 min Scan# 2064

Delta R.T. 0.00 min

Lab File: BG033050.D

Acq: 8 Mar 2018 21:01

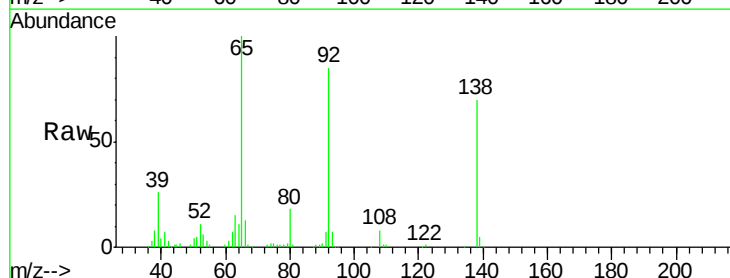
Tgt Ion:138 Resp: 83018

Ion Ratio Lower Upper

138 100

108 10.9 17.5 26.3#

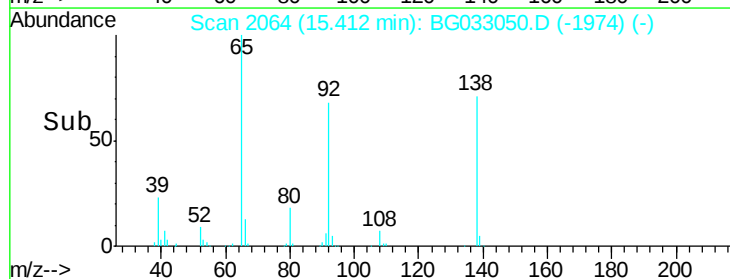
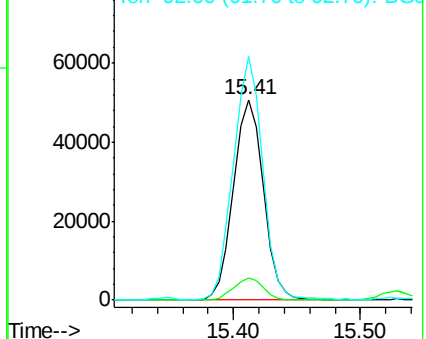
92 121.3 105.8 158.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

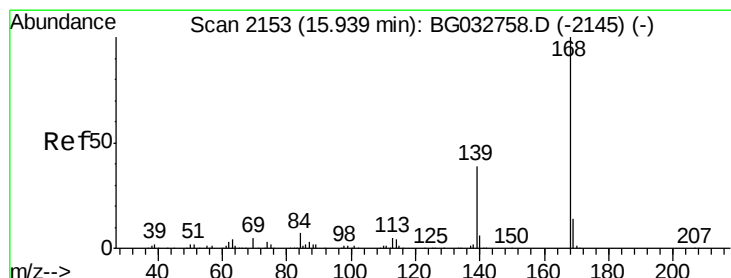
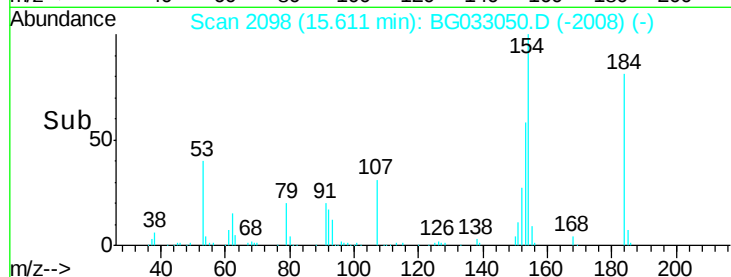
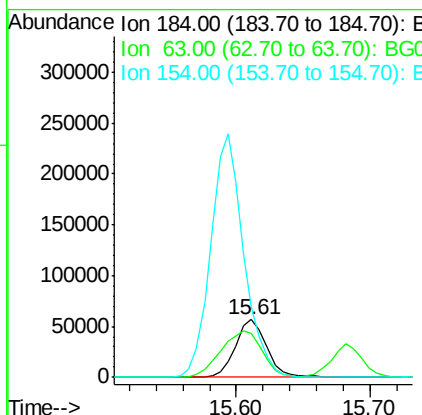
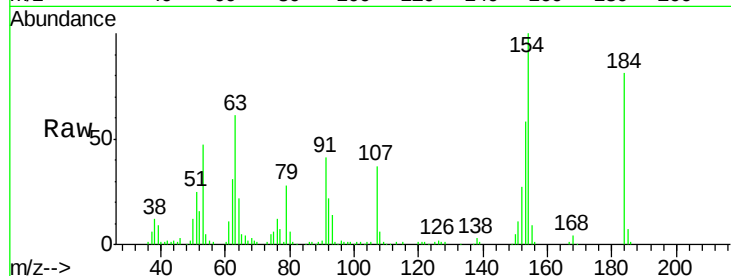




#53
 2,4-Dinitrophenol
 Concen: 113.420 ng
 RT: 15.61 min Scan# 2098
 Delta R.T. 0.00 min
 Lab File: BG033050.D
 Acq: 8 Mar 2018 21:01

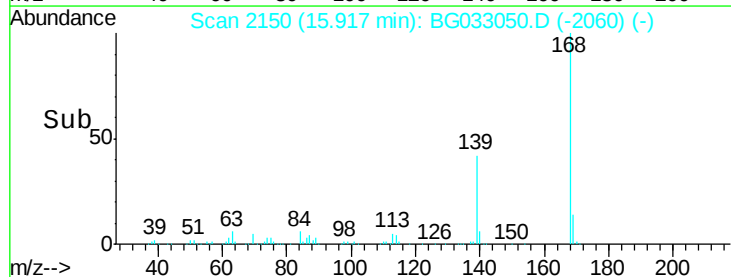
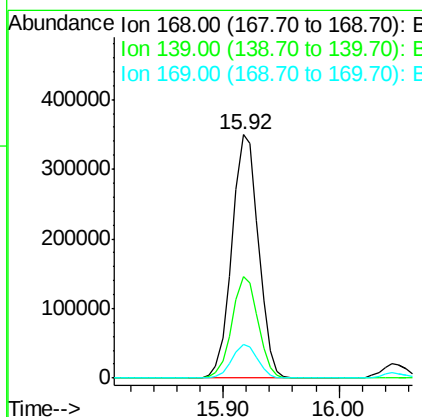
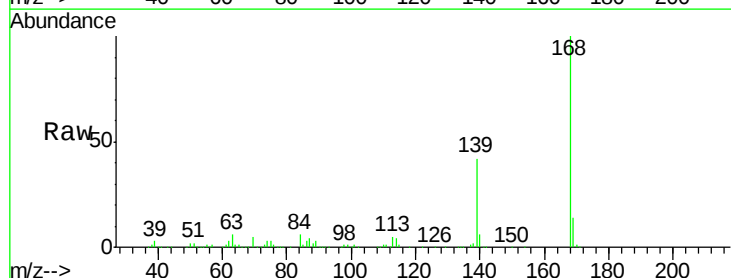
Instrument :
 BNA_G
 ClientSampleId :
 PB107143BSD

Tot Ion:184 Resp: 92811
 Ion Ratio Lower Upper
 184 100
 63 75.4 59.8 89.8
 154 123.3 101.8 152.8



#54
 Dibenzofuran
 Concen: 36.780 ng
 RT: 15.92 min Scan# 2150
 Delta R.T. 0.00 min
 Lab File: BG033050.D
 Acq: 8 Mar 2018 21:01

Tgt Ion:168 Resp: 554280
 Ion Ratio Lower Upper
 168 100
 139 41.9 28.6 43.0
 169 13.9 11.2 16.8





#55

4-Nitrophenol

Concen: 80.603 ng

RT: 15.68 min Scan# 2110

Delta R.T. 0.01 min

Lab File: BG033050.D

Acq: 8 Mar 2018 21:01

Instrument :

BNA_G

ClientSampleId :

PB107143BSD

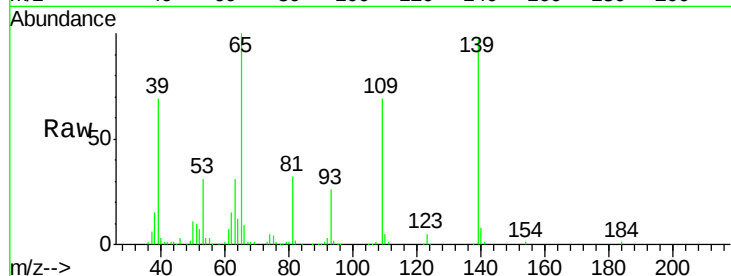
Tot Ion:139 Resp: 178346

Ion Ratio Lower Upper

139 100

109 71.4 62.2 102.2

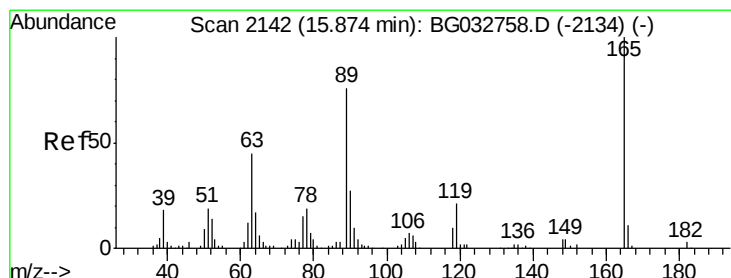
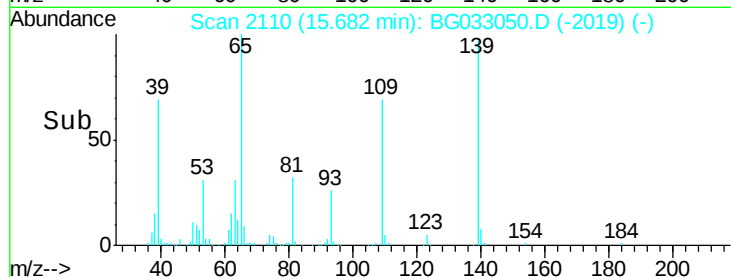
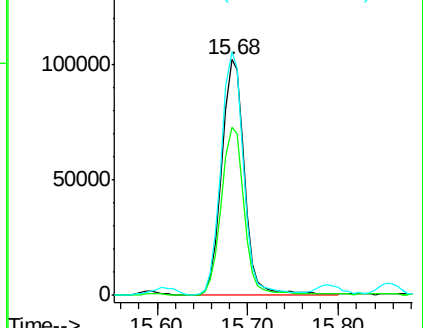
65 103.4 97.2 137.2



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 55.340 ng

RT: 15.86 min Scan# 2140

Delta R.T. 0.01 min

Lab File: BG033050.D

Acq: 8 Mar 2018 21:01

Tgt Ion:165 Resp: 150504

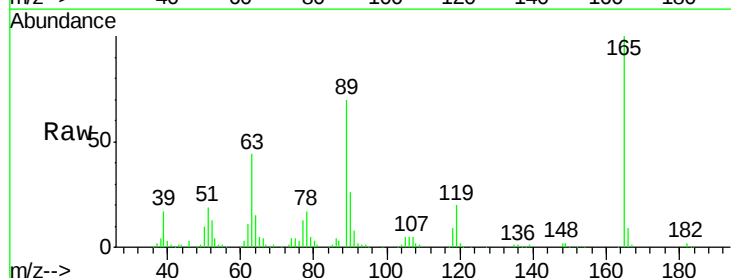
Ion Ratio Lower Upper

165 100

63 44.1 42.0 63.0

89 69.8 66.9 100.3

182 2.4 2.6 3.8#

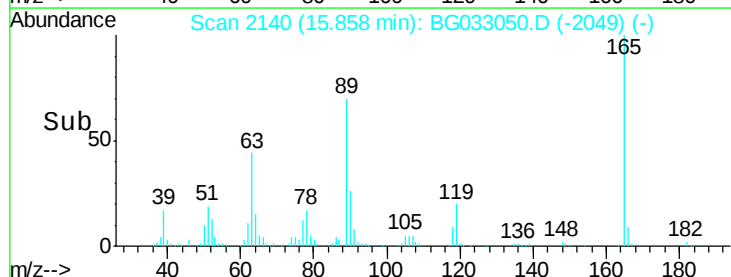
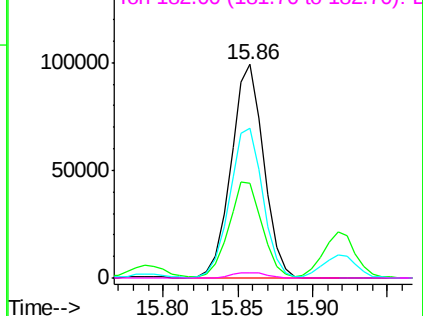


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 36.135 ng

RT: 16.56 min Scan# 2260

Delta R.T. 0.00 min

Lab File: BG033050.D

Acq: 8 Mar 2018 21:01

Instrument :

BNA_G

ClientSampleId :

PB107143BSD

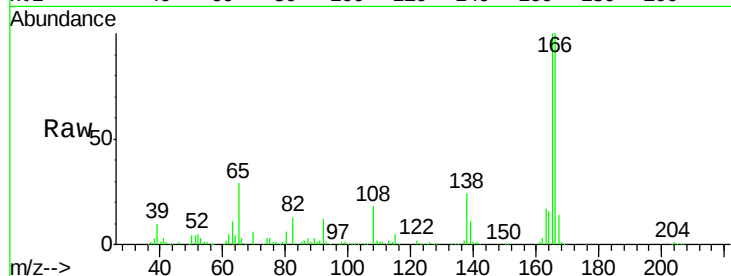
Tot Ion:166 Resp: 449452

Ion Ratio Lower Upper

166 100

165 100.2 80.6 121.0

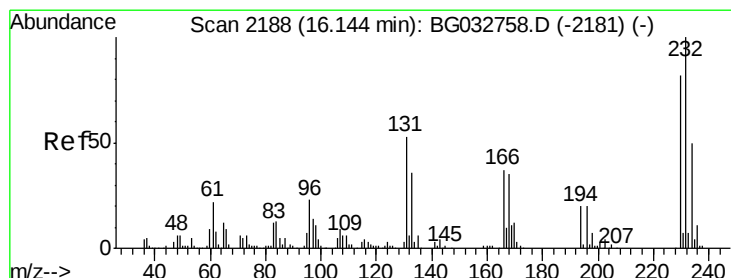
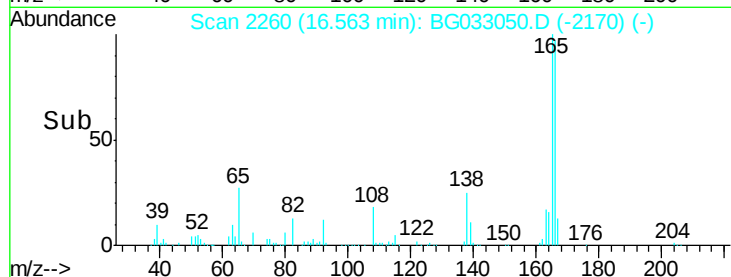
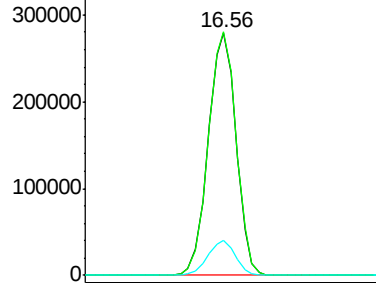
167 14.4 10.4 15.6



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: 44.953 ng

RT: 16.13 min Scan# 2186

Delta R.T. 0.00 min

Lab File: BG033050.D

Acq: 8 Mar 2018 21:01

Tgt Ion:232 Resp: 120250

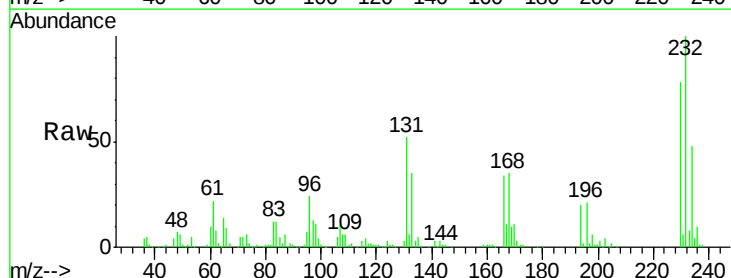
Ion Ratio Lower Upper

232 100

131 50.8 33.5 50.3#

130 2.8 2.2 3.2

166 35.3 24.8 37.2

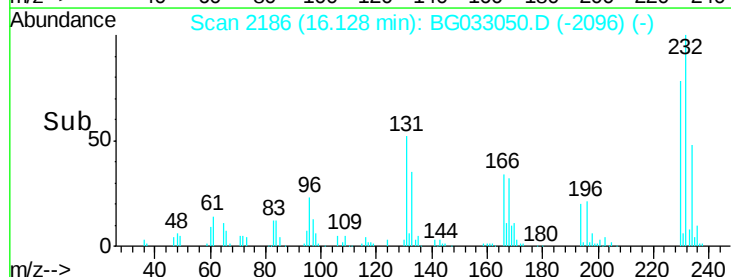
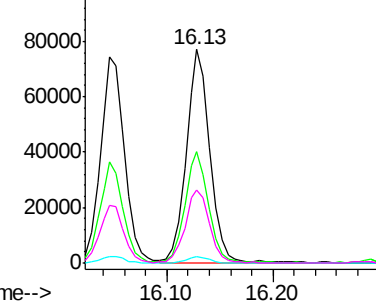


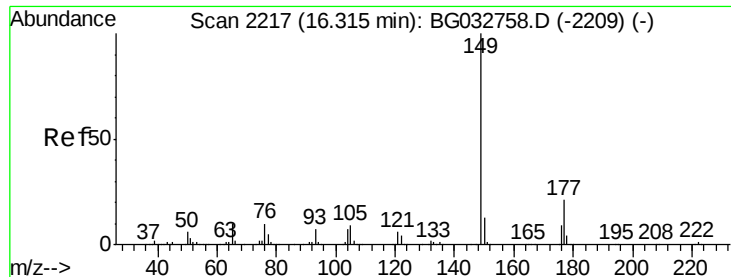
Abundance Ion 232.00 (231.70 to 232.70): E

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

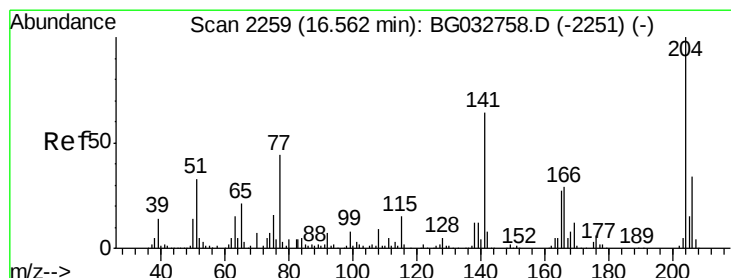
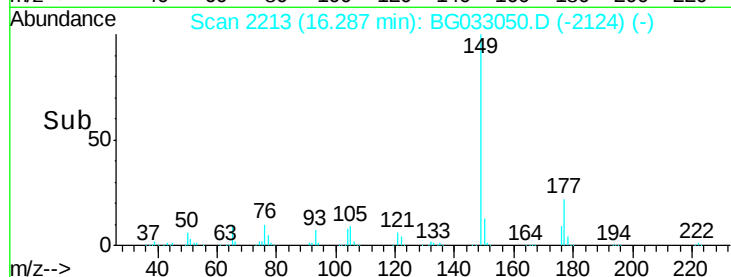
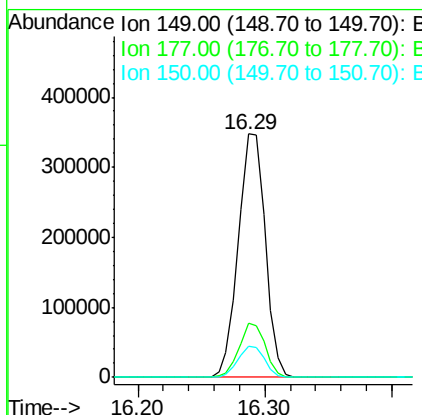
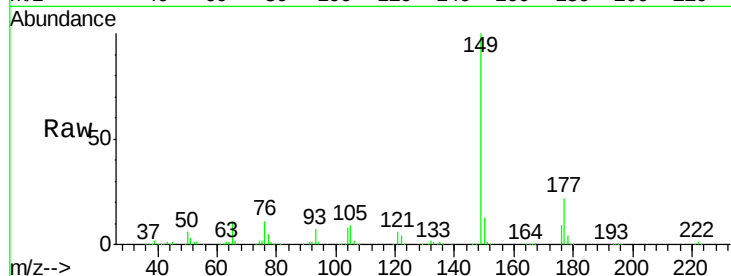




#59
Diethylphthalate
Concen: 35.963 ng
RT: 16.29 min Scan# 2213
Delta R.T. -0.00 min
Lab File: BG033050.D
Acq: 8 Mar 2018 21:01

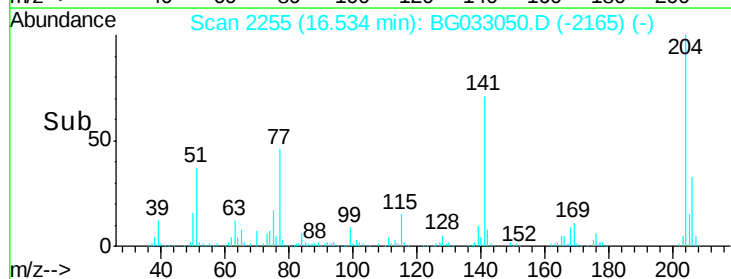
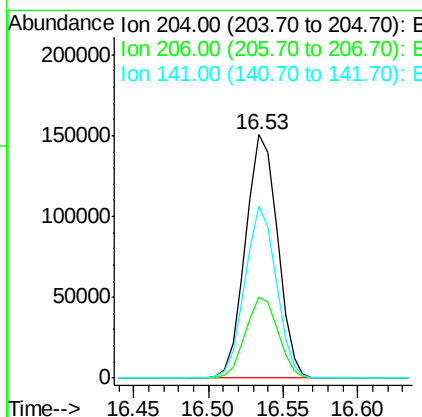
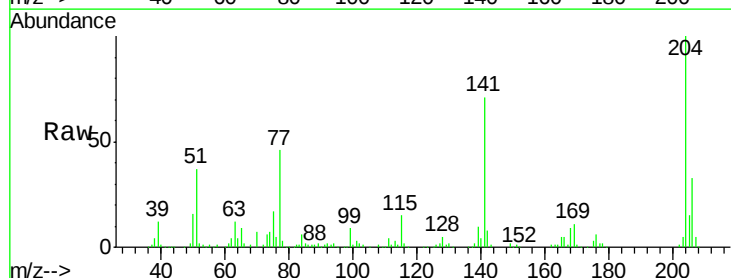
Instrument :
BNA_G
ClientSampleId :
PB107143BSD

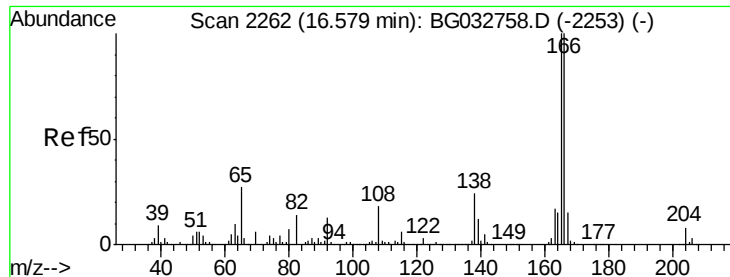
Tot Ion:149 Resp: 512155
Ion Ratio Lower Upper
149 100
177 22.1 18.5 27.7
150 12.7 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 36.833 ng
RT: 16.53 min Scan# 2255
Delta R.T. 0.00 min
Lab File: BG033050.D
Acq: 8 Mar 2018 21:01

Tgt Ion:204 Resp: 224116
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.2
141 70.9 45.8 68.6#

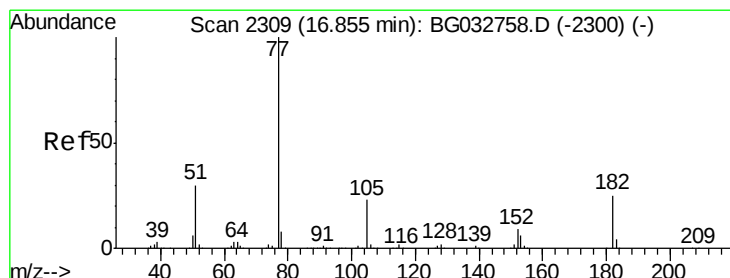
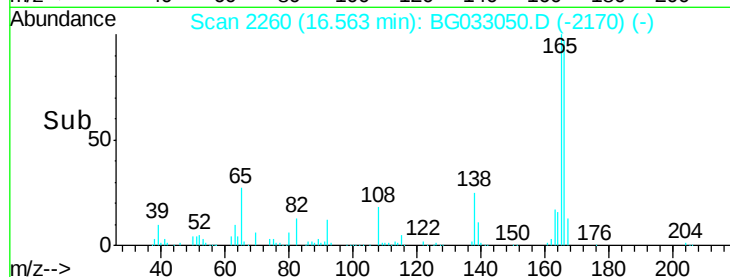
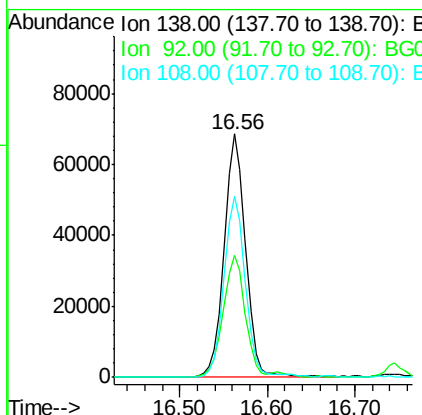
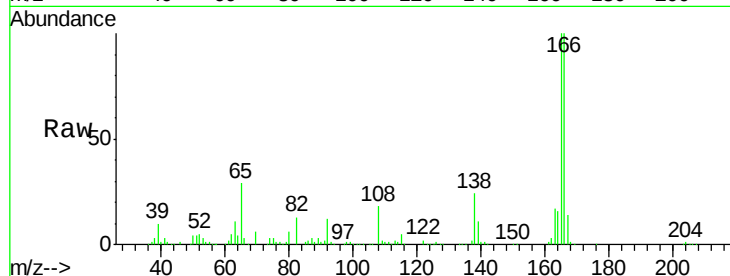




#61
4-Nitroaniline
Concen: 40.448 ng
RT: 16.56 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BG033050.D
Acq: 8 Mar 2018 21:01

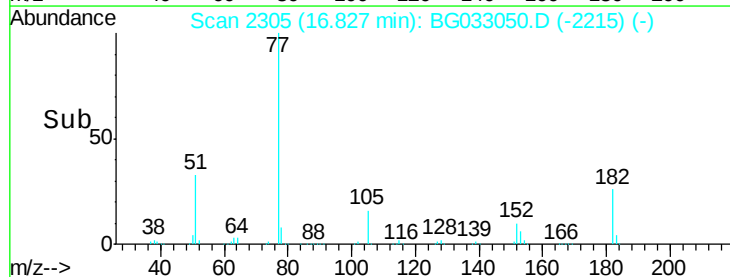
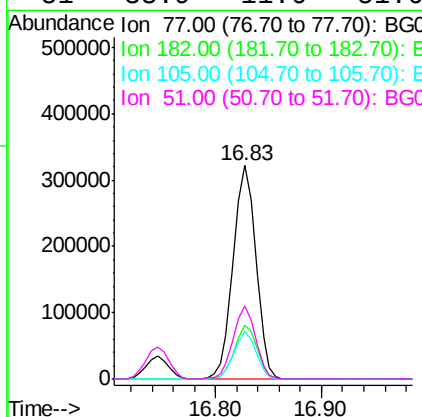
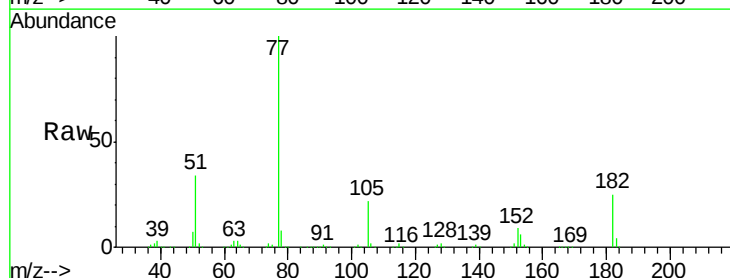
Instrument :
BNA_G
ClientSampleId :
PB107143BSD

Tot Ion:138 Resp: 115491
Ion Ratio Lower Upper
138 100
92 50.3 40.1 80.1
108 74.5 65.4 105.4



#62
Azobenzene
Concen: 37.678 ng
RT: 16.83 min Scan# 2305
Delta R.T. 0.00 min
Lab File: BG033050.D
Acq: 8 Mar 2018 21:01

Tgt Ion: 77 Resp: 480024
Ion Ratio Lower Upper
77 100
182 25.3 7.4 47.4
105 21.9 0.3 40.3
51 33.9 11.6 51.6

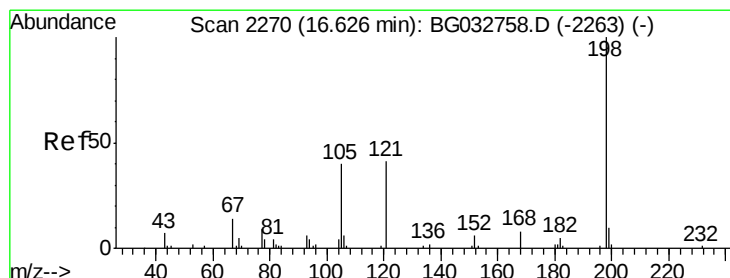
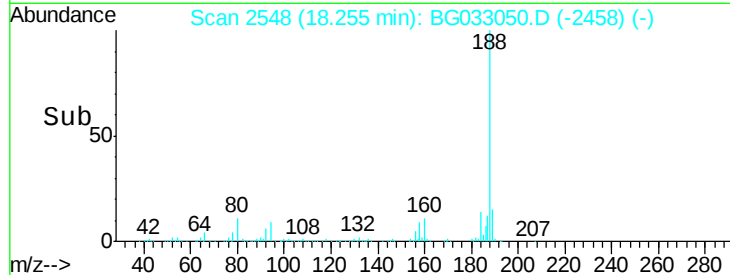
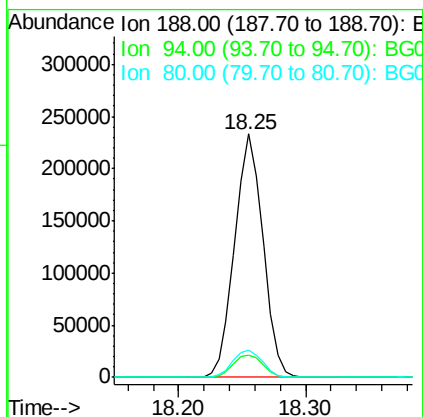
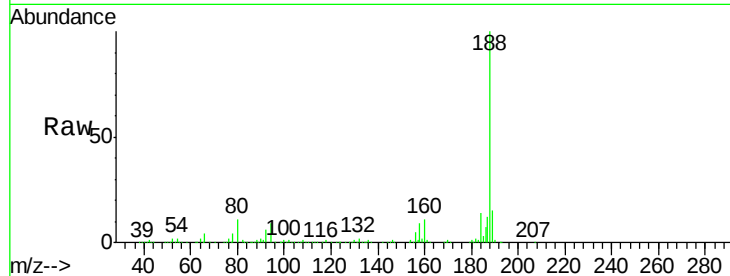




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.25 min Scan# 2548
Delta R.T. 0.00 min
Lab File: BG033050.D
Acq: 8 Mar 2018 21:01

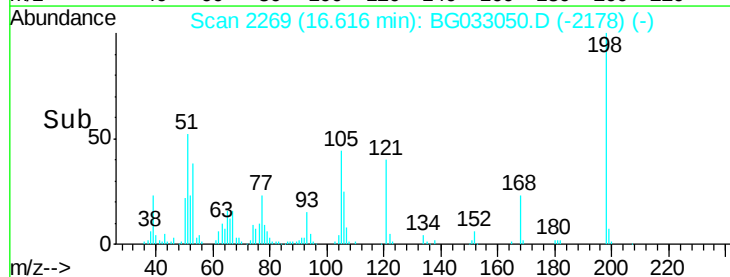
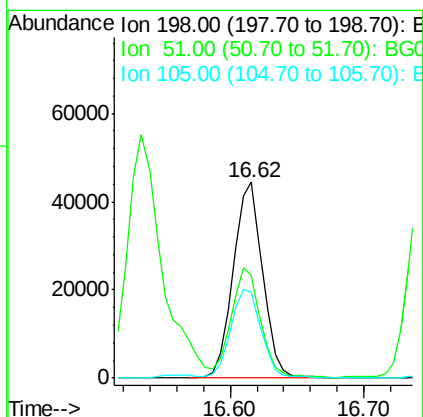
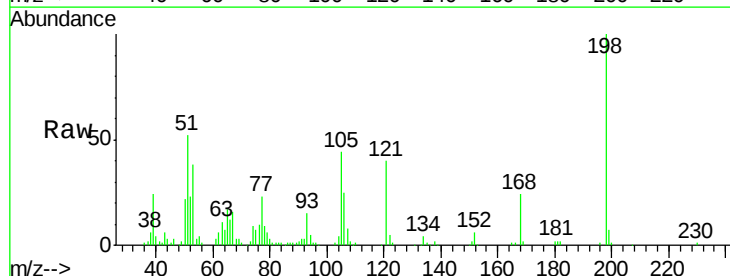
Instrument :
BNA_G
ClientSampleId :
PB107143BSD

Tot Ion:188 Resp: 361379
Ion Ratio Lower Upper
188 100
94 9.2 6.9 10.3
80 11.3 7.7 11.5



#64
4,6-Dinitro-2-methylphenol
Concen: 59.204 ng
RT: 16.62 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BG033050.D
Acq: 8 Mar 2018 21:01

Tgt Ion:198 Resp: 68213
Ion Ratio Lower Upper
198 100
51 52.3 30.6 70.6
105 44.1 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 35.594 ng

RT: 16.75 min Scan# 2291

Delta R.T. 0.00 min

Lab File: BG033050.D

Acq: 8 Mar 2018 21:01

Instrument :

BNA_G

ClientSampleId :

PB107143BSD

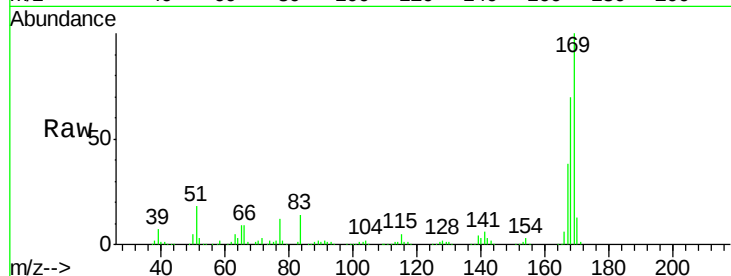
Tot Ion:169 Resp: 418444

Ion Ratio Lower Upper

169 100

168 70.1 55.7 83.5

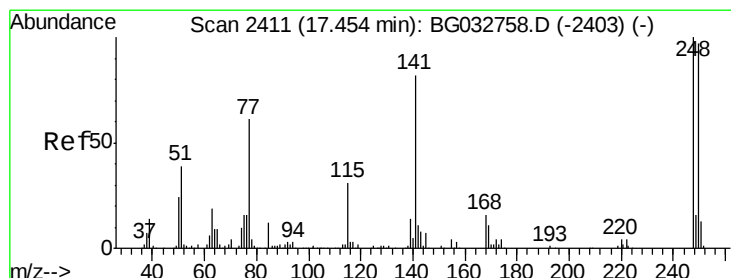
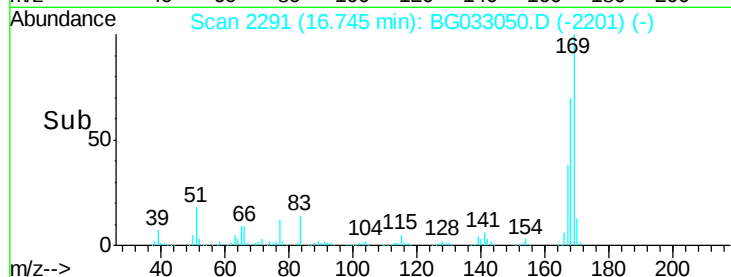
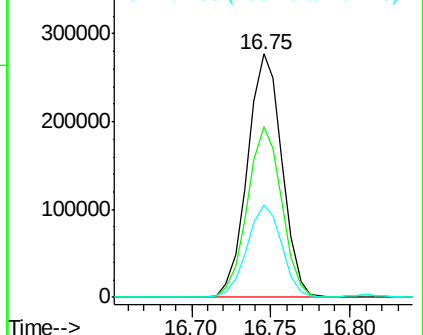
167 38.1 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 35.492 ng

RT: 17.43 min Scan# 2407

Delta R.T. 0.00 min

Lab File: BG033050.D

Acq: 8 Mar 2018 21:01

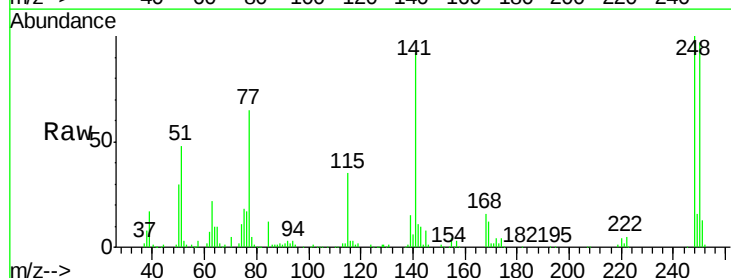
Tgt Ion:248 Resp: 135623

Ion Ratio Lower Upper

248 100

250 97.1 77.1 115.7

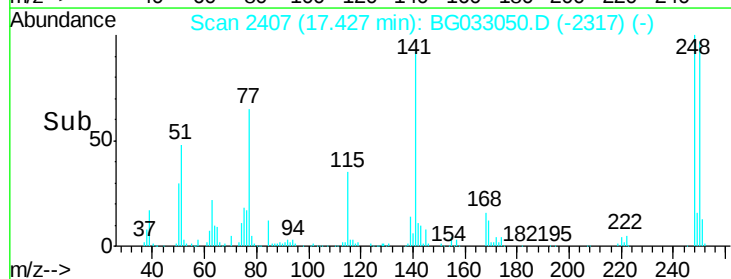
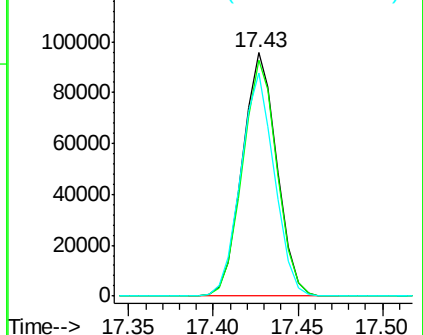
141 91.6 50.8 76.2#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 34.355 ng

RT: 17.56 min Scan# 2429

Delta R.T. 0.00 min

Lab File: BG033050.D

Acq: 8 Mar 2018 21:01

Instrument :

BNA_G

ClientSampleId :

PB107143BSD

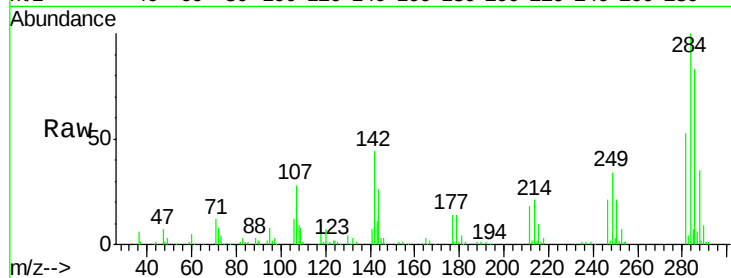
Tot Ion:284 Resp: 141864

Ion Ratio Lower Upper

284 100

142 44.2 26.8 40.2#

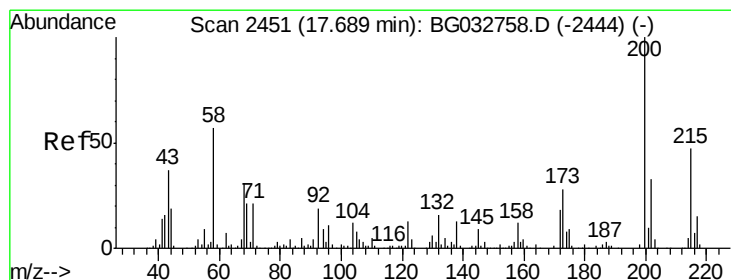
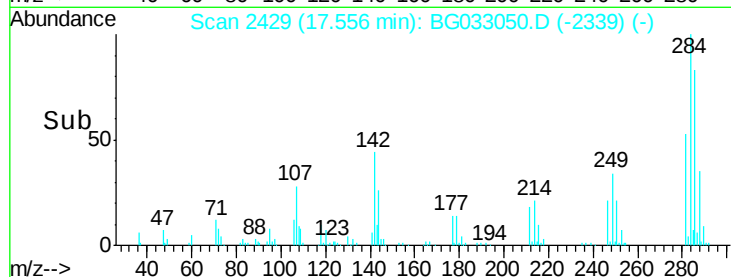
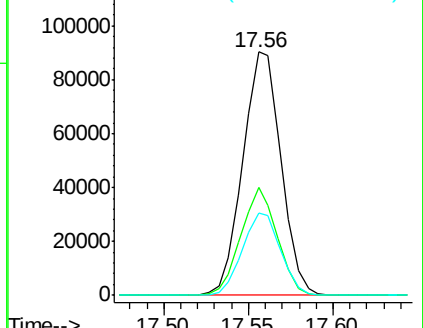
249 34.0 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 37.602 ng

RT: 17.67 min Scan# 2448

Delta R.T. 0.01 min

Lab File: BG033050.D

Acq: 8 Mar 2018 21:01

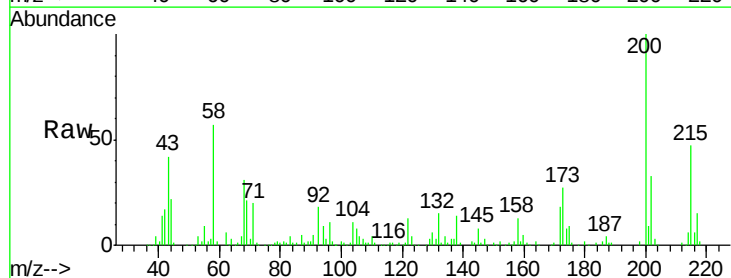
Tgt Ion:200 Resp: 145507

Ion Ratio Lower Upper

200 100

173 26.5 5.2 45.2

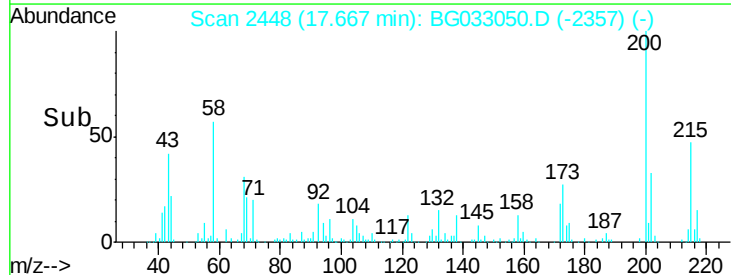
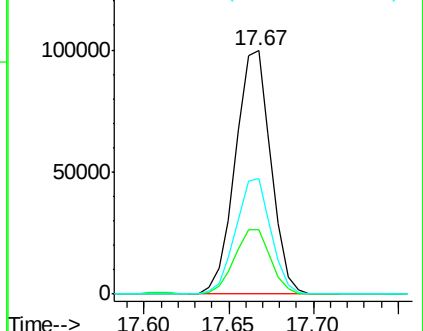
215 47.2 30.4 70.4

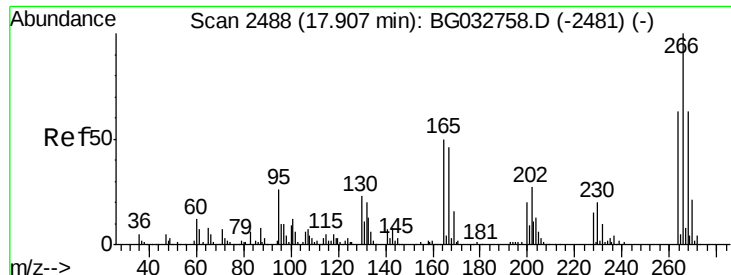


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

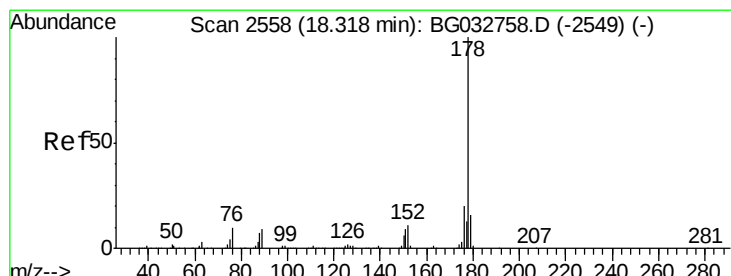
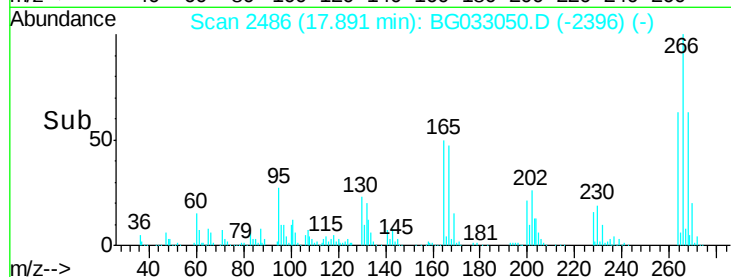
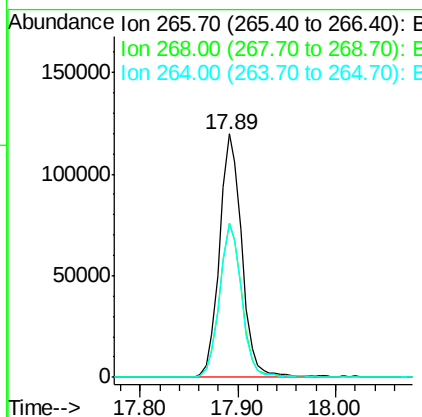
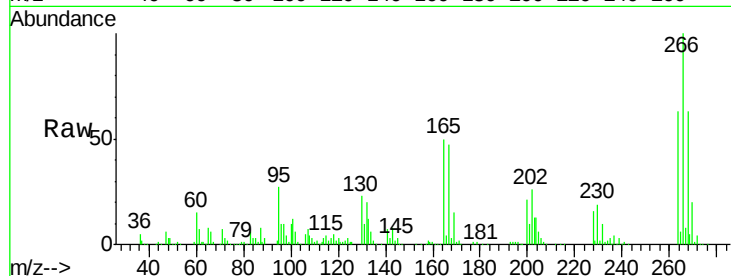




#69
 Pentachlorophenol
 Concen: 73.067 ng
 RT: 17.89 min Scan# 2486
 Delta R.T. 0.00 min
 Lab File: BG033050.D
 Acq: 8 Mar 2018 21:01

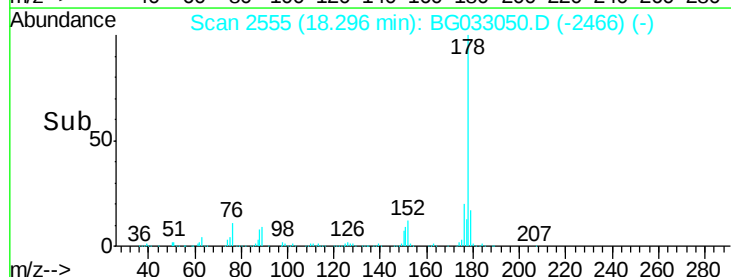
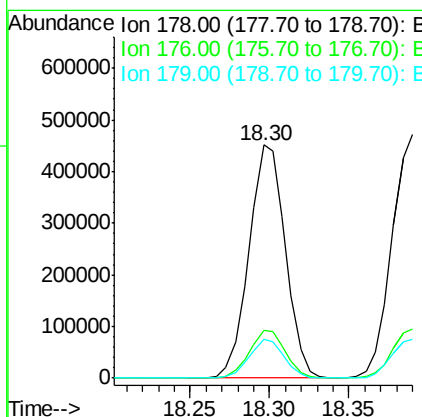
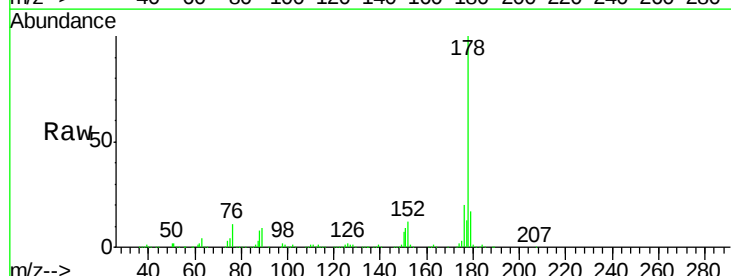
Instrument :
 BNA_G
 ClientSampleId :
 PB107143BSD

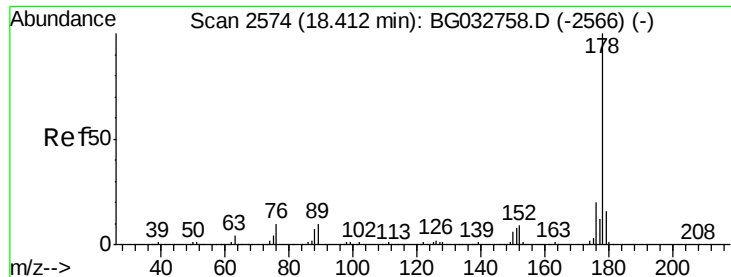
Tot Ion:266 Resp: 190050
 Ion Ratio Lower Upper
 266 100
 268 63.1 51.1 76.7
 264 63.4 49.6 74.4



#70
 Phenanthrene
 Concen: 35.750 ng
 RT: 18.30 min Scan# 2555
 Delta R.T. -0.00 min
 Lab File: BG033050.D
 Acq: 8 Mar 2018 21:01

Tgt Ion:178 Resp: 720773
 Ion Ratio Lower Upper
 178 100
 176 20.5 15.7 23.5
 179 16.6 12.5 18.7

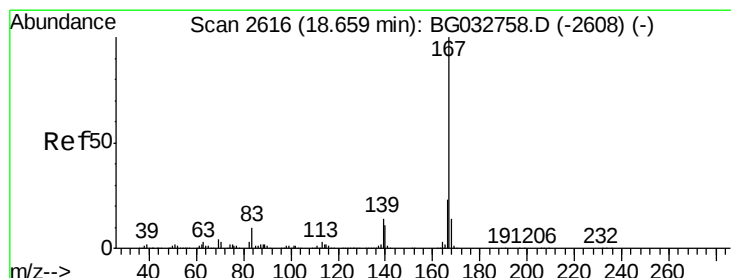
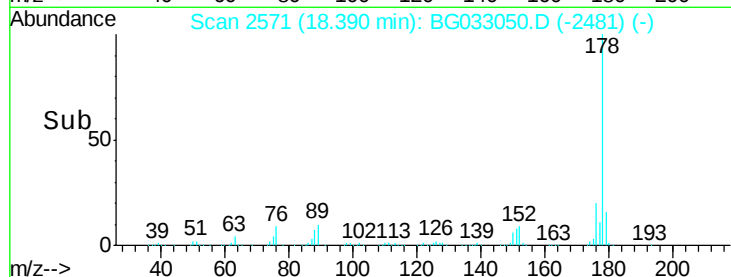
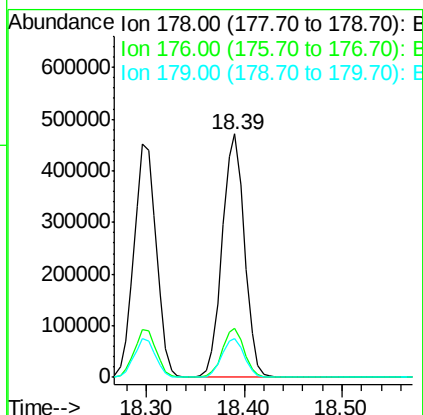
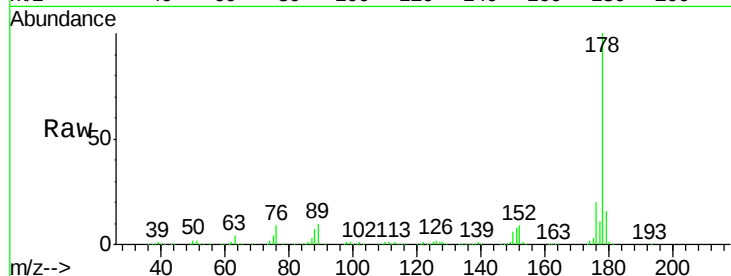




#71
 Anthracene
 Concen: 36.687 ng
 RT: 18.39 min Scan# 2571
 Delta R.T. 0.00 min
 Lab File: BG033050.D
 Acq: 8 Mar 2018 21:01

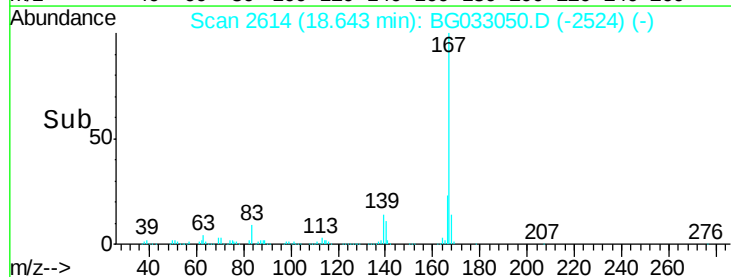
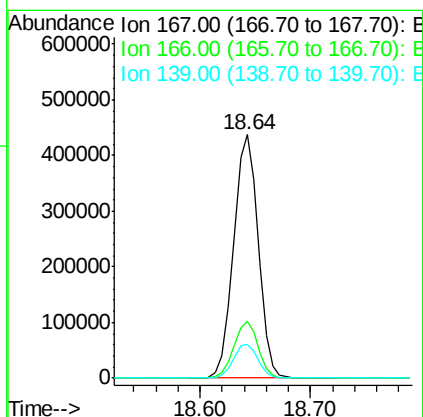
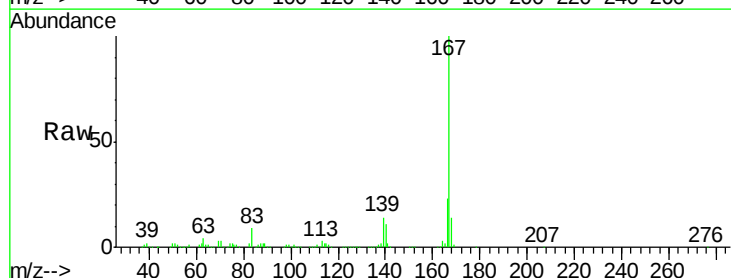
Instrument :
 BNA_G
 ClientSampleId :
 PB107143BSD

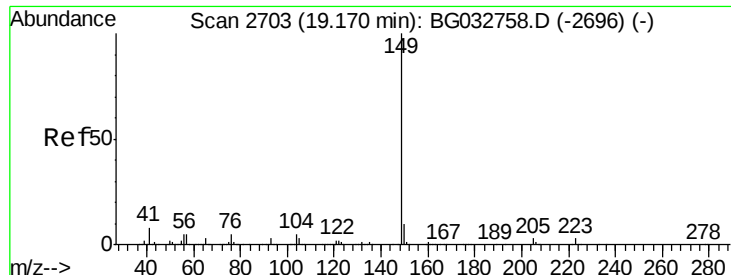
Tot Ion:178 Resp: 742589
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.0 24.0
 179 15.8 12.5 18.7



#72
 Carbazole
 Concen: 34.379 ng
 RT: 18.64 min Scan# 2614
 Delta R.T. 0.00 min
 Lab File: BG033050.D
 Acq: 8 Mar 2018 21:01

Tgt Ion:167 Resp: 685884
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.2 27.4
 139 14.0 9.4 14.2

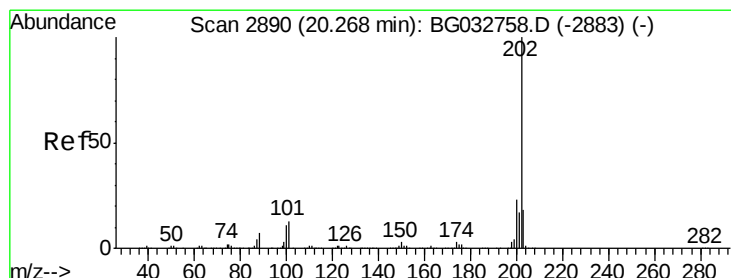
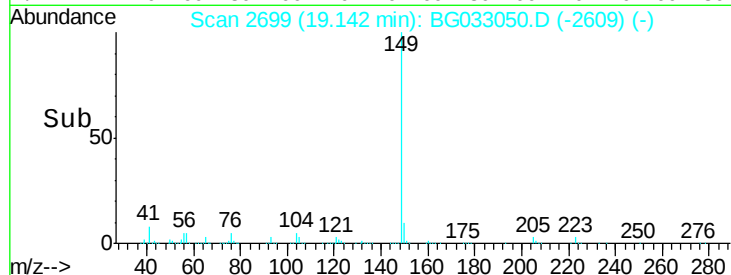
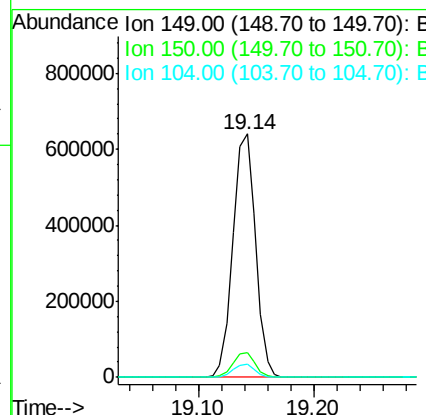
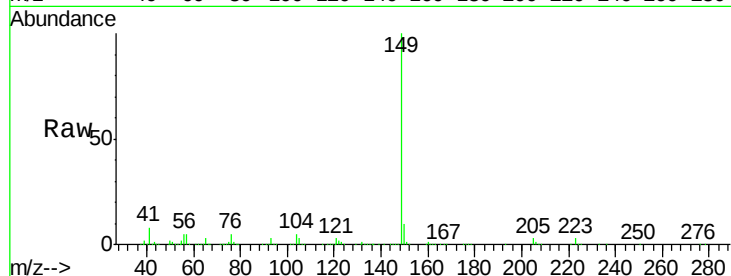




#73
Di-n-butylphthalate
Concen: 35.453 ng
RT: 19.14 min Scan# 2699
Delta R.T. 0.00 min
Lab File: BG033050.D
Acq: 8 Mar 2018 21:01

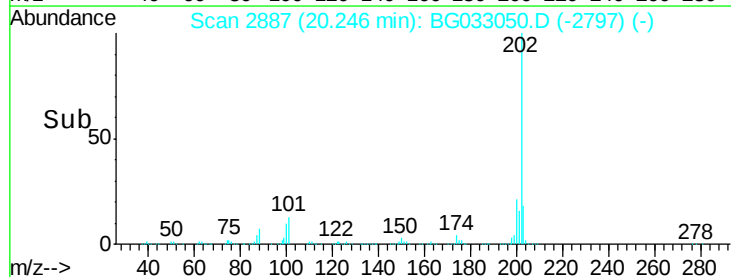
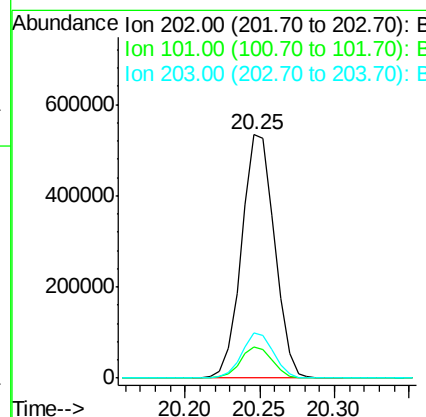
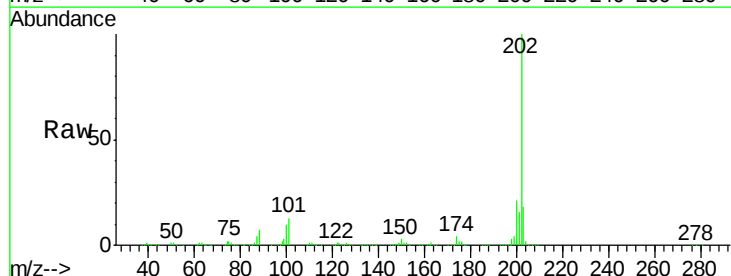
Instrument :
BNA_G
ClientSampleId :
PB107143BSD

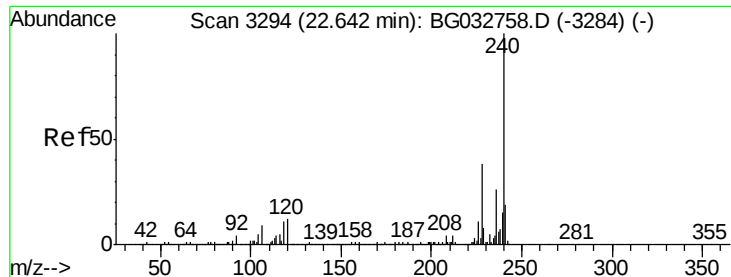
Tot Ion:149 Resp: 867728
Ion Ratio Lower Upper
149 100
150 10.1 7.8 11.6
104 5.3 3.9 5.9



#74
Fluoranthene
Concen: 36.457 ng
RT: 20.25 min Scan# 2887
Delta R.T. 0.00 min
Lab File: BG033050.D
Acq: 8 Mar 2018 21:01

Tgt Ion:202 Resp: 811938
Ion Ratio Lower Upper
202 100
101 12.8 0.0 28.9
203 18.5 0.0 37.5

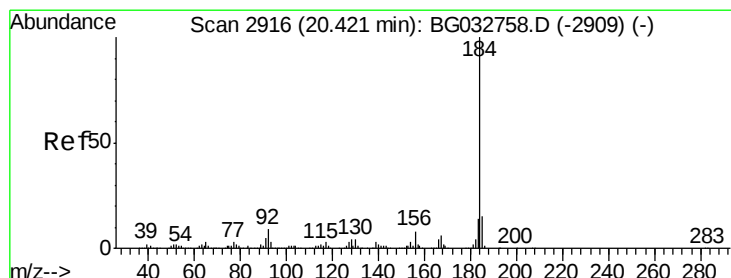
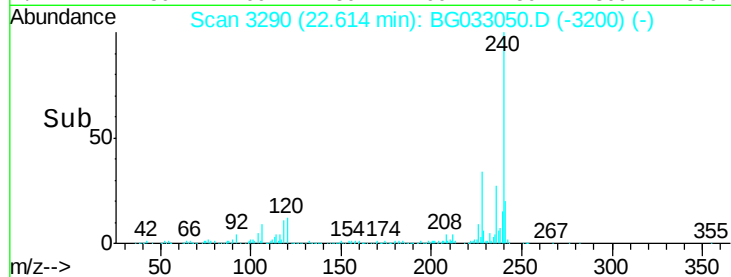
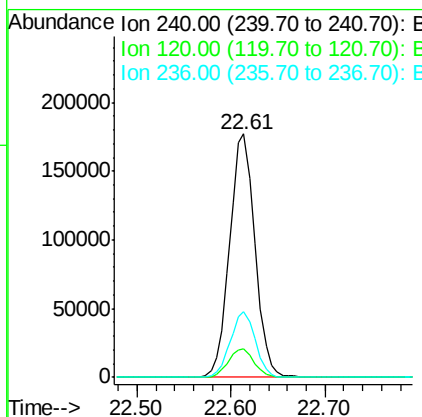
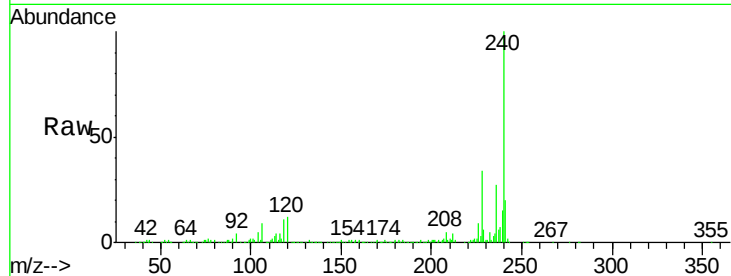




#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 22.61 min Scan# 3290
 Delta R.T. 0.00 min
 Lab File: BG033050.D
 Acq: 8 Mar 2018 21:01

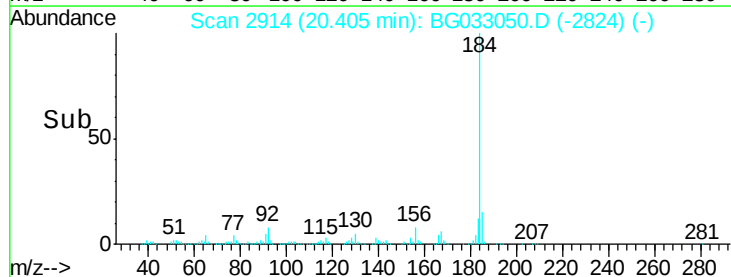
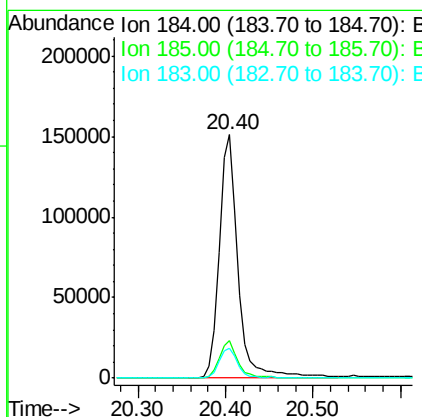
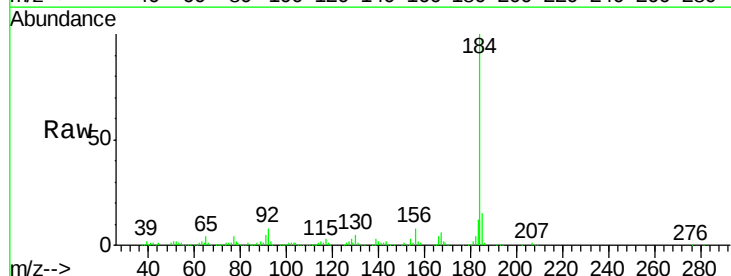
Instrument :
 BNA_G
 ClientSampleId :
 PB107143BSD

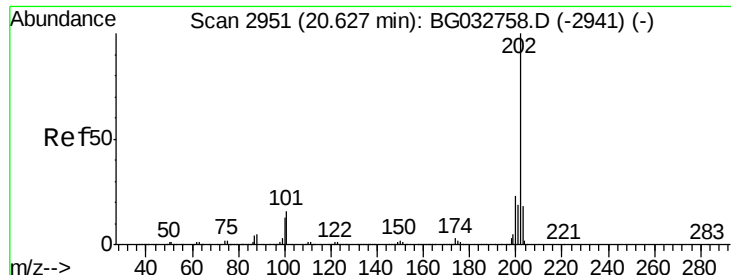
Tot Ion:240 Resp: 329783
 Ion Ratio Lower Upper
 240 100
 120 11.7 6.8 10.2#
 236 27.1 20.9 31.3



#76
 Benzidine
 Concen: 20.093 ng
 RT: 20.40 min Scan# 2914
 Delta R.T. 0.00 min
 Lab File: BG033050.D
 Acq: 8 Mar 2018 21:01

Tgt Ion:184 Resp: 225866
 Ion Ratio Lower Upper
 184 100
 185 15.3 11.1 16.7
 183 12.5 10.6 16.0





#77

Pvrene

Concen: 35.070 ng

RT: 20.60 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BG033050.D

Acq: 8 Mar 2018 21:01

Instrument :

BNA_G

ClientSampleId :

PB107143BSD

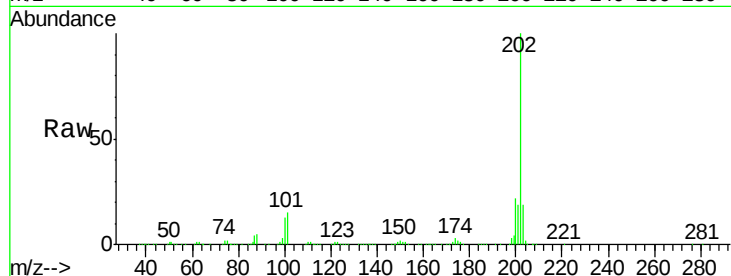
Tot Ion:202 Resp: 815603

Ion Ratio Lower Upper

202 100

200 22.1 16.9 25.3

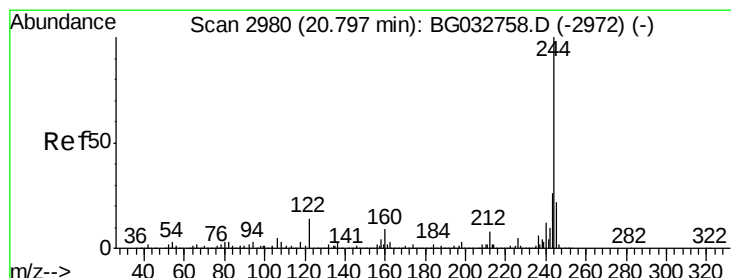
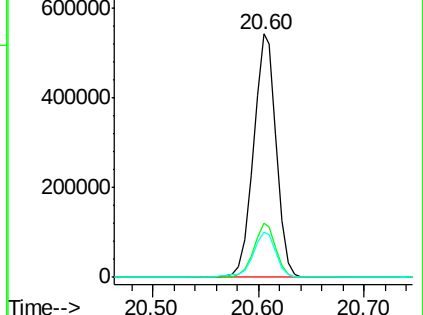
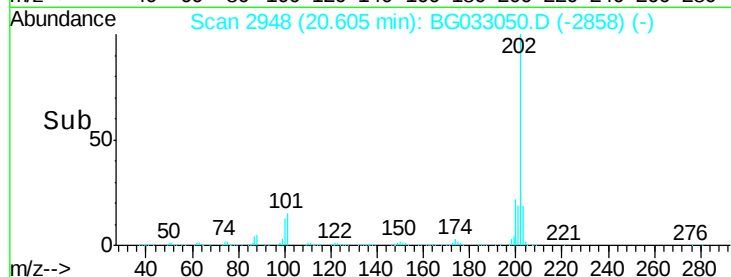
203 18.7 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 78.053 ng

RT: 20.77 min Scan# 2976

Delta R.T. 0.00 min

Lab File: BG033050.D

Acq: 8 Mar 2018 21:01

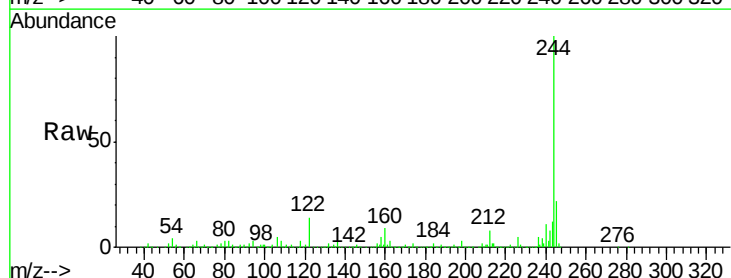
Tgt Ion:244 Resp: 1145685

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

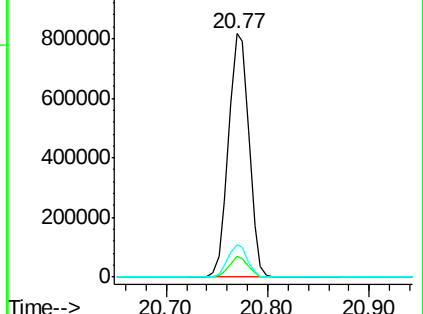
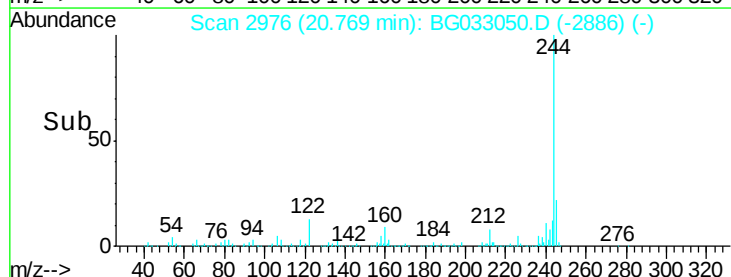
122 13.5 7.0 10.4#

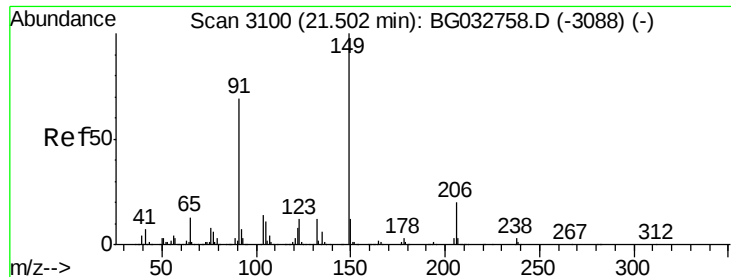


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

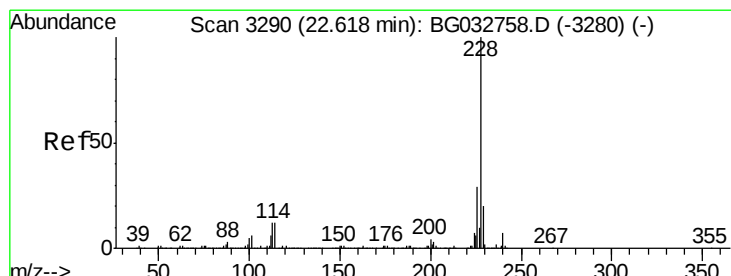
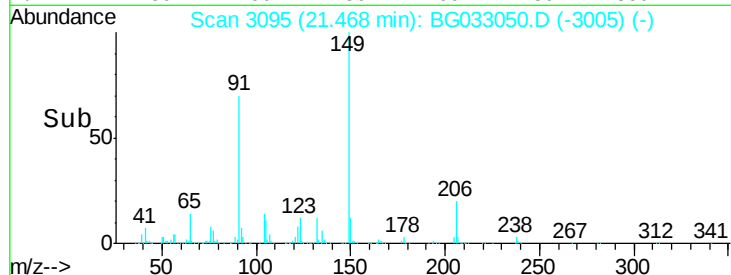
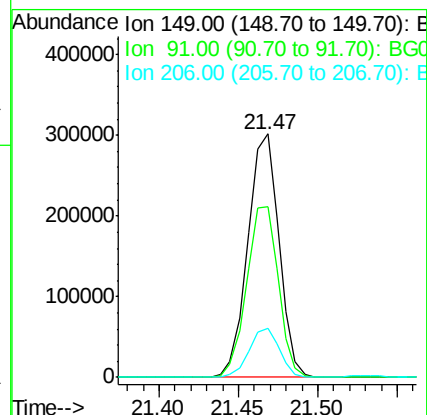
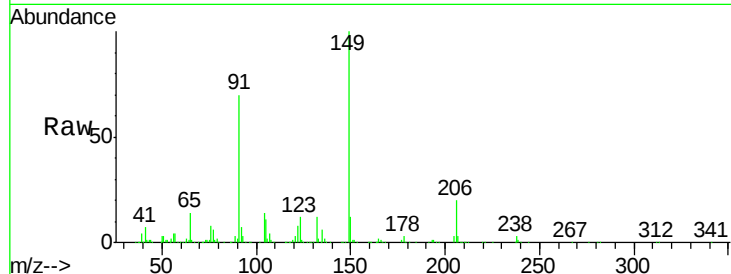




#79
Butylbenzylphthalate
Concen: 39.918 ng
RT: 21.47 min Scan# 3095
Delta R.T. 0.00 min
Lab File: BG033050.D
Acq: 8 Mar 2018 21:01

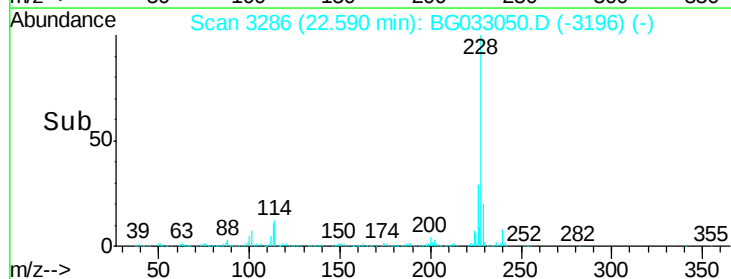
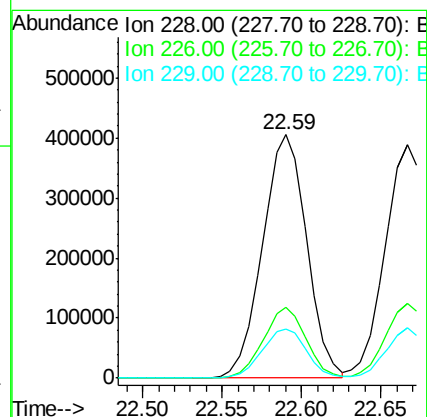
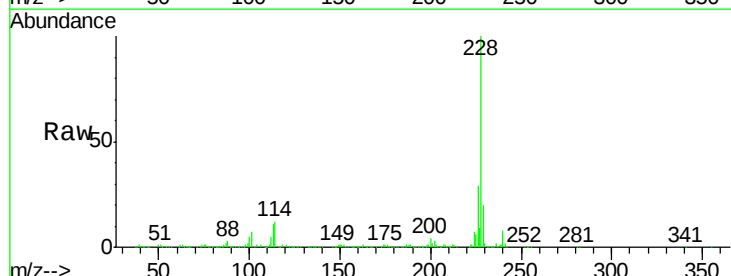
Instrument :
BNA_G
ClientSampleId :
PB107143BSD

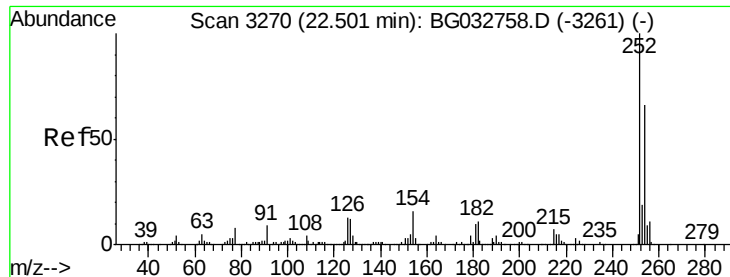
Tot Ion	Ratio	Lower	Upper
149	100		
91	70.3	62.2	93.2
206	20.3	18.6	27.8



#80
Benzo(a)anthracene
Concen: 37.048 ng
RT: 22.59 min Scan# 3286
Delta R.T. 0.00 min
Lab File: BG033050.D
Acq: 8 Mar 2018 21:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.7	34.1
229	20.2	16.2	24.2

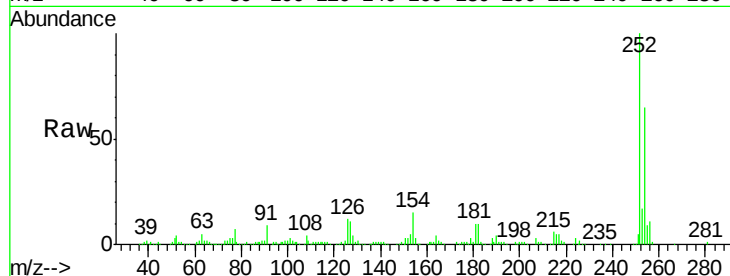




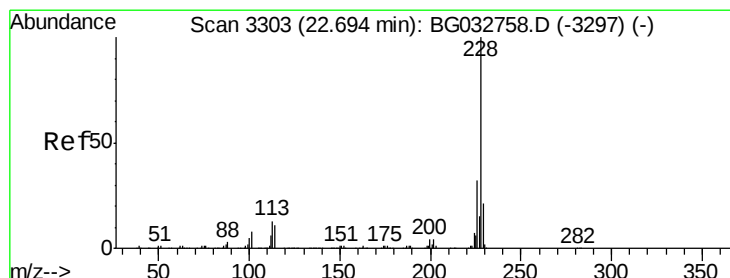
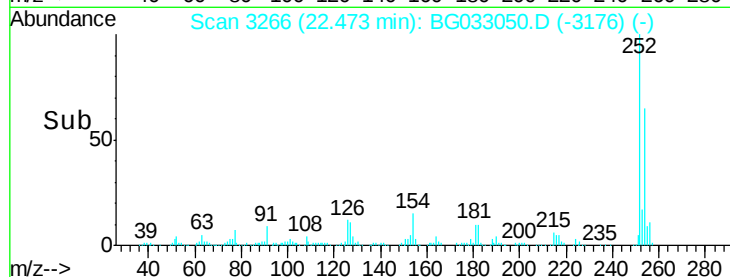
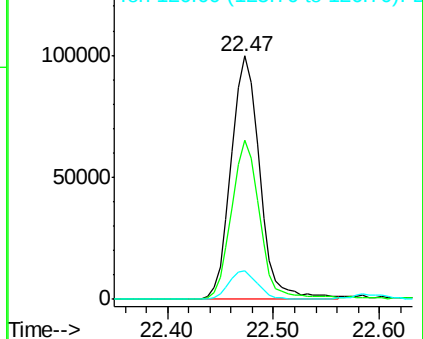
#81
 3,3'-Dichlorobenzidine
 Concen: 23.904 ng
 RT: 22.47 min Scan# 3266
 Delta R.T. 0.00 min
 Lab File: BG033050.D
 Acq: 8 Mar 2018 21:01

Instrument :
 BNA_G
 ClientSampleId :
 PB107143BSD

Tot Ion:252 Resp: 187219
 Ion Ratio Lower Upper
 252 100
 254 65.2 50.8 76.2
 126 11.9 7.4 11.2#

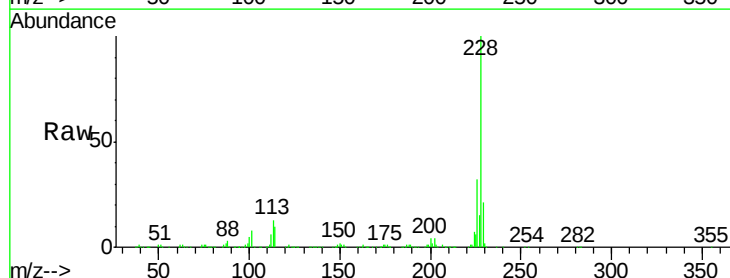


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

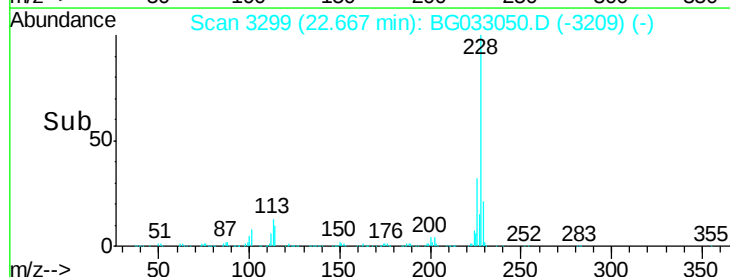
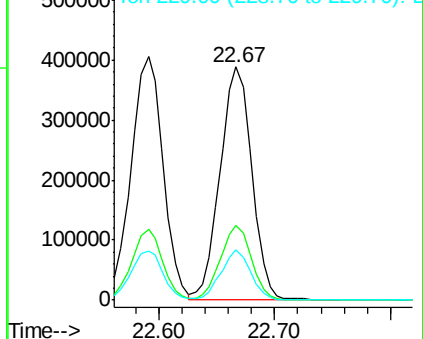


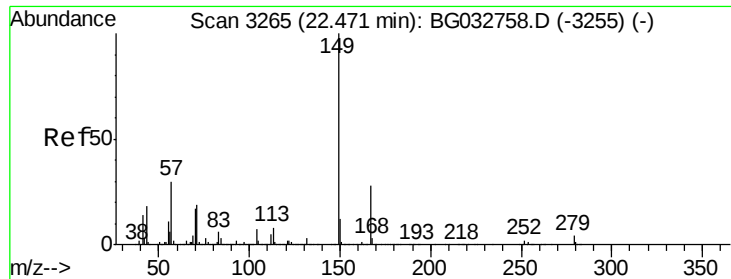
#82
 Chrysene
 Concen: 36.547 ng
 RT: 22.67 min Scan# 3299
 Delta R.T. 0.00 min
 Lab File: BG033050.D
 Acq: 8 Mar 2018 21:01

Tgt Ion:228 Resp: 738283
 Ion Ratio Lower Upper
 228 100
 226 32.0 24.9 37.3
 229 21.4 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

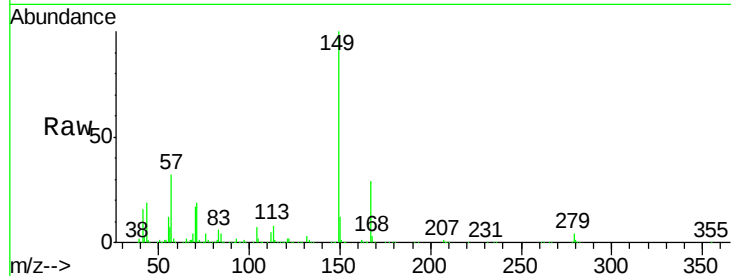




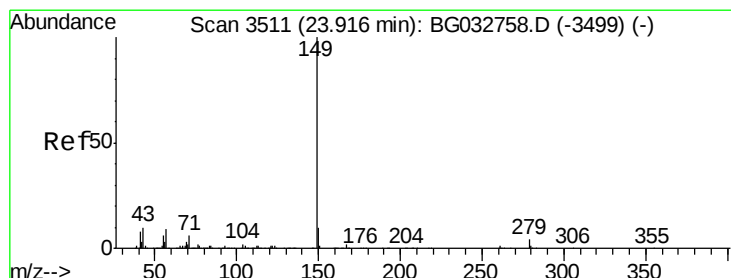
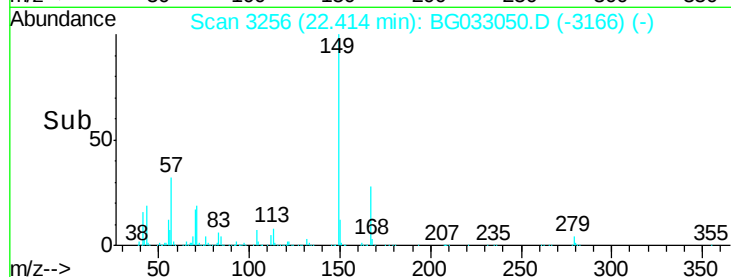
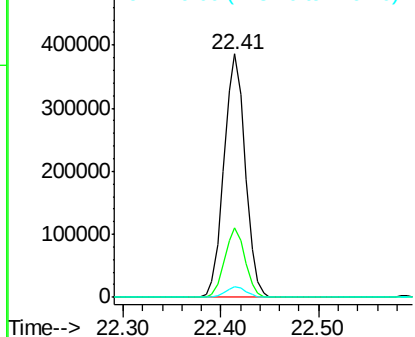
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.146 ng
 RT: 22.41 min Scan# 3256
 Delta R.T. 0.00 min
 Lab File: BG033050.D
 Acq: 8 Mar 2018 21:01

Instrument :
 BNA_G
 ClientSampleId :
 PB107143BSD

Tot Ion:149 Resp: 582216
 Ion Ratio Lower Upper
 149 100
 167 28.5 24.3 36.5
 279 4.2 4.0 6.0

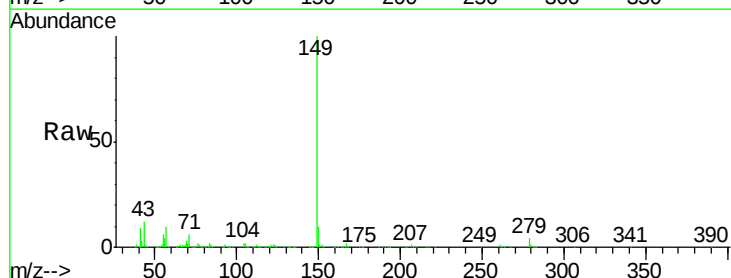


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

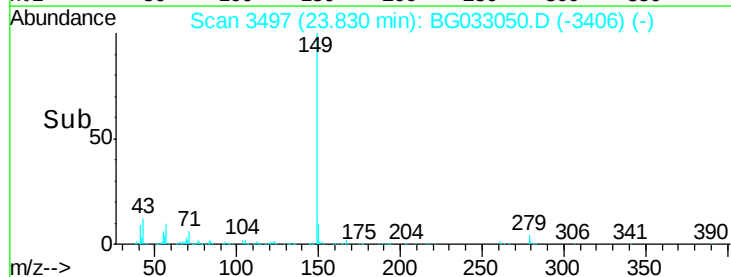
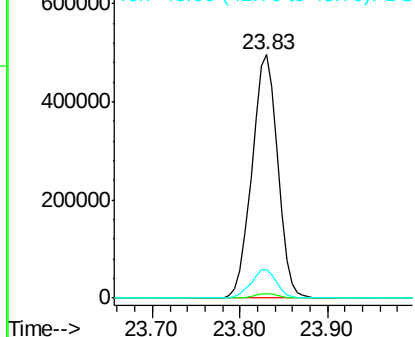


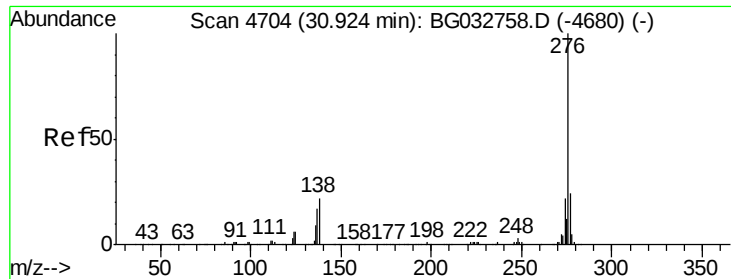
#84
 Di-n-octyl phthalate
 Concen: 43.023 ng
 RT: 23.83 min Scan# 3497
 Delta R.T. 0.01 min
 Lab File: BG033050.D
 Acq: 8 Mar 2018 21:01

Tgt Ion:149 Resp: 1000897
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.0
 43 11.6 8.9 13.3



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

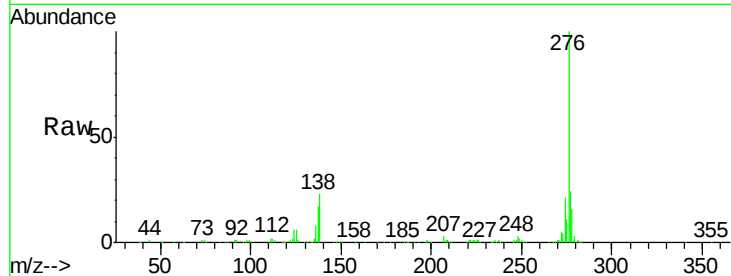




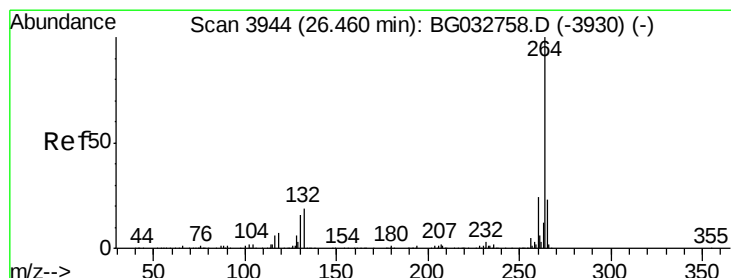
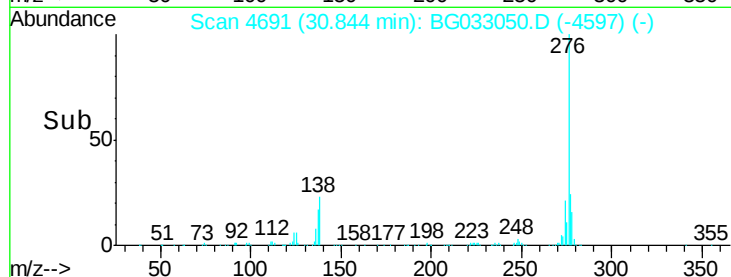
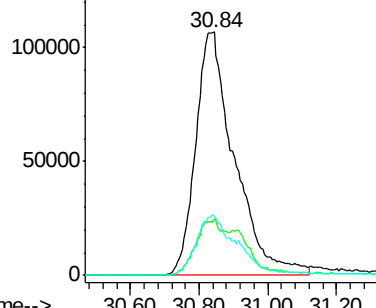
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.607 ng
 RT: 30.84 min Scan# 4691
 Delta R.T. 0.02 min
 Lab File: BG033050.D
 Acq: 8 Mar 2018 21:01

Instrument :
 BNA_G
 ClientSampleId :
 PB107143BSD

Tot Ion:276 Resp: 838874
 Ion Ratio Lower Upper
 276 100
 138 17.0 16.0 24.0
 277 25.1 20.0 30.0

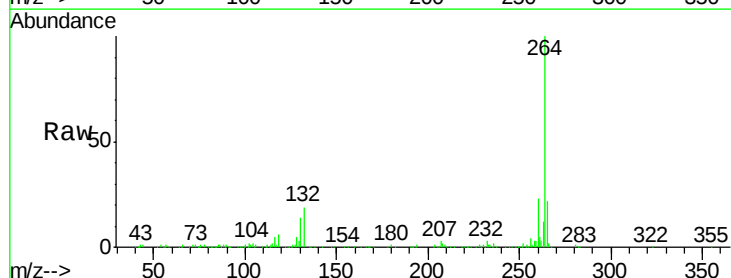


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

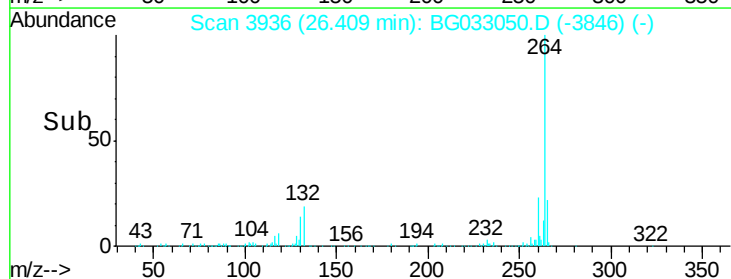
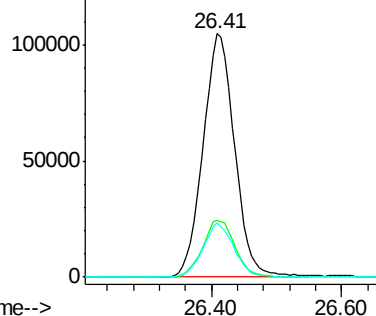


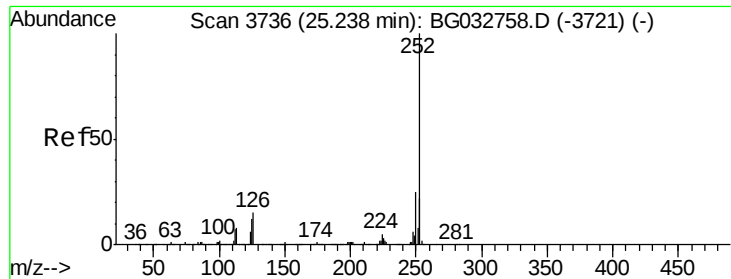
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.41 min Scan# 3936
 Delta R.T. 0.00 min
 Lab File: BG033050.D
 Acq: 8 Mar 2018 21:01

Tgt Ion:264 Resp: 351394
 Ion Ratio Lower Upper
 264 100
 260 23.2 17.4 26.0
 265 22.2 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 37.644 ng

RT: 25.19 min Scan# 3729

Delta R.T. 0.01 min

Lab File: BG033050.D

Acq: 8 Mar 2018 21:01

Instrument :

BNA_G

ClientSampleId :

PB107143BSD

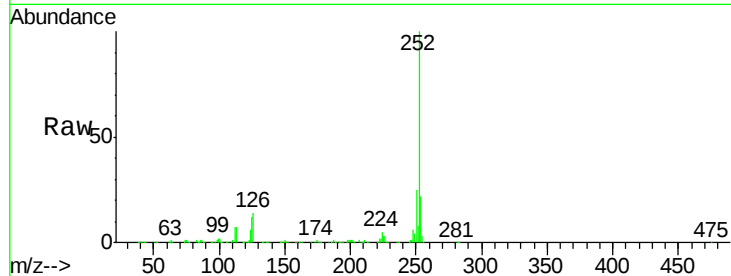
Tot Ion:252 Resp: 782120

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.4

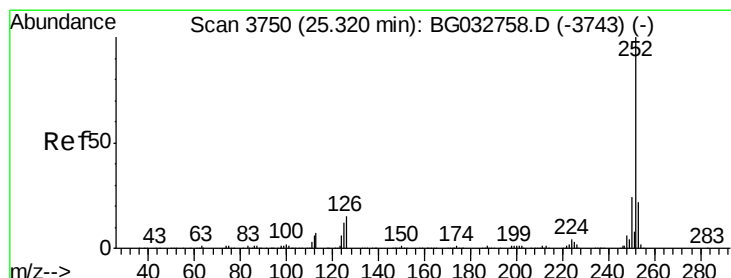
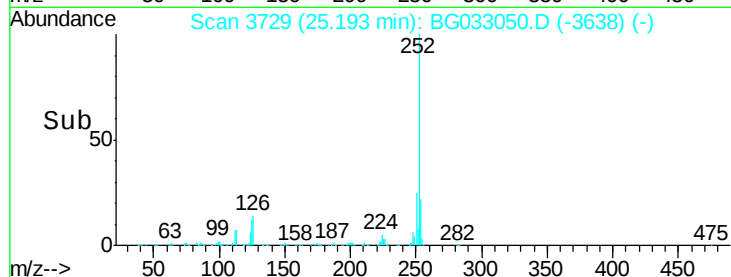
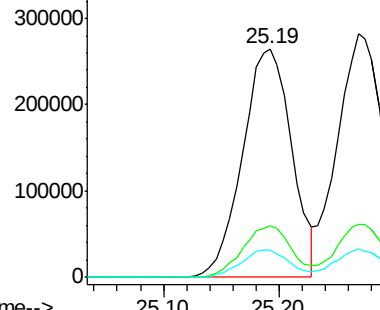
125 11.8 7.2 10.8#



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: 38.085 ng

RT: 25.27 min Scan# 3742

Delta R.T. 0.00 min

Lab File: BG033050.D

Acq: 8 Mar 2018 21:01

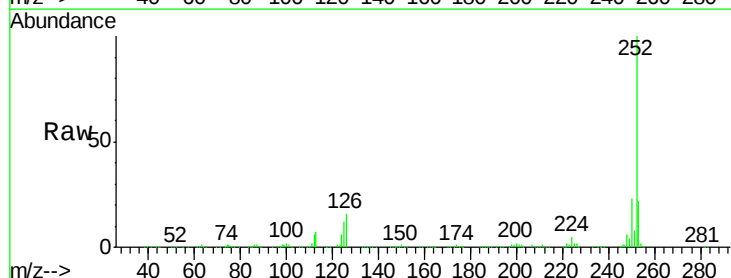
Tgt Ion:252 Resp: 786406

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

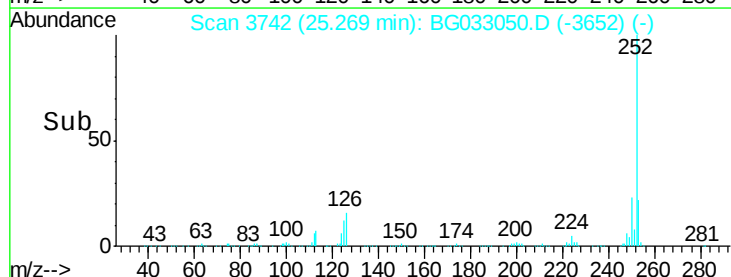
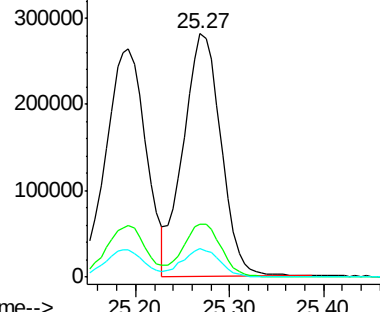
125 11.6 6.6 9.8#

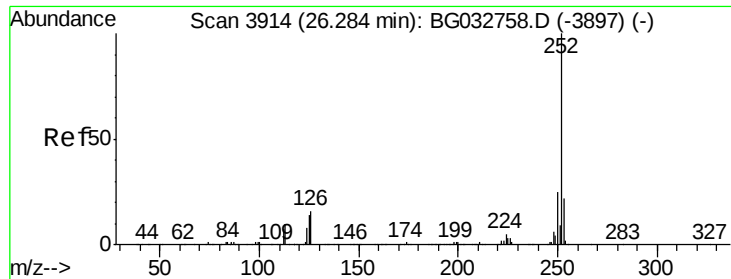


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

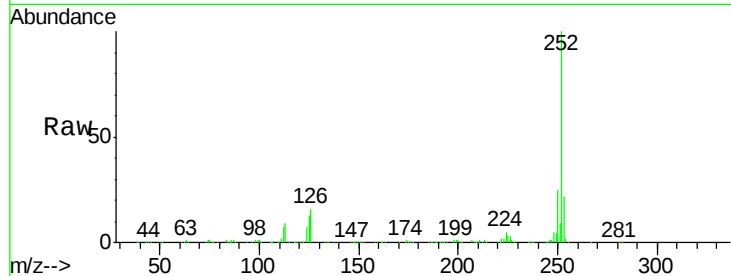




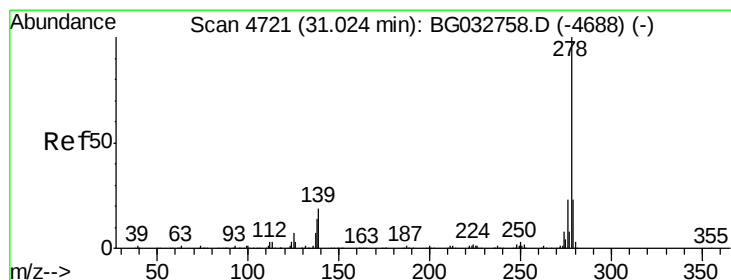
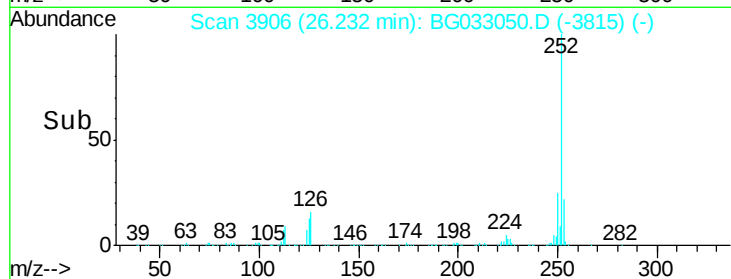
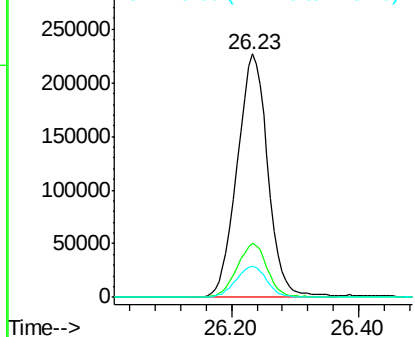
#89
Benzo(a)pyrene
Concen: 38.467 ng
RT: 26.23 min Scan# 3906
Delta R.T. 0.01 min
Lab File: BG033050.D
Acq: 8 Mar 2018 21:01

Instrument :
BNA_G
ClientSampleId :
PB107143BSD

Tot Ion:252 Resp: 760178
Ion Ratio Lower Upper
252 100
253 22.1 18.3 27.5
125 12.9 7.3 10.9#

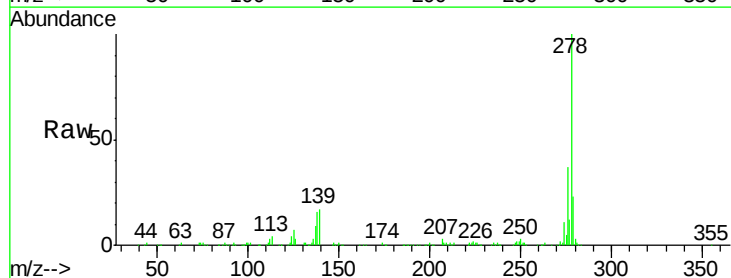


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

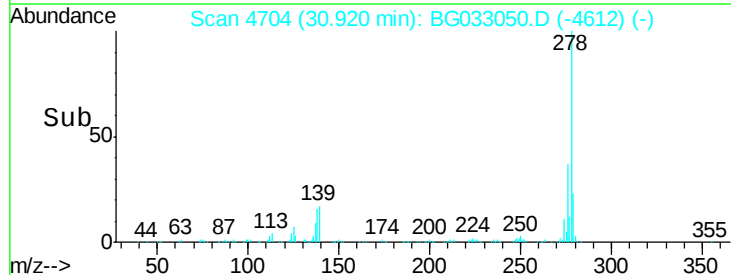
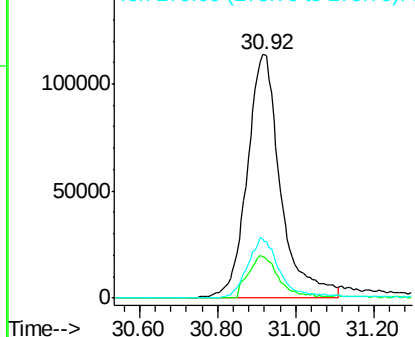


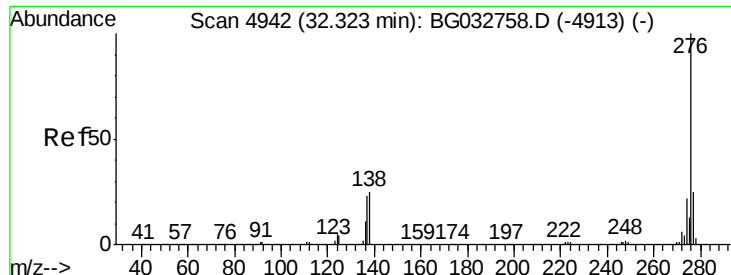
#90
Dibenzo(a,h)anthracene
Concen: 33.989 ng
RT: 30.92 min Scan# 4704
Delta R.T. 0.01 min
Lab File: BG033050.D
Acq: 8 Mar 2018 21:01

Tgt Ion:278 Resp: 676095
Ion Ratio Lower Upper
278 100
139 17.1 9.8 14.6#
279 23.2 18.4 27.6



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





#91

Benzo(a,h,i)perylene

Concen: 36.253 ng

RT: 32.22 min Scan# 4925

Delta R.T. 0.01 min

Lab File: BG033050.D

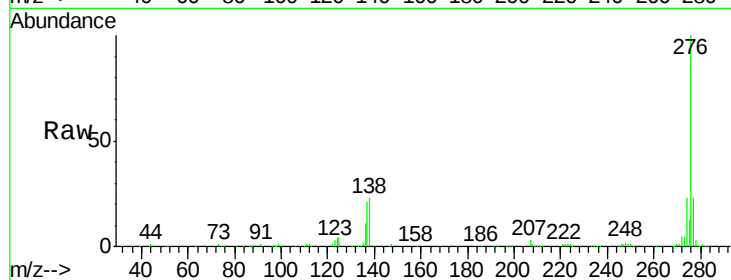
Acq: 8 Mar 2018 21:01

Instrument :

BNA_G

ClientSampleId :

PB107143BSD



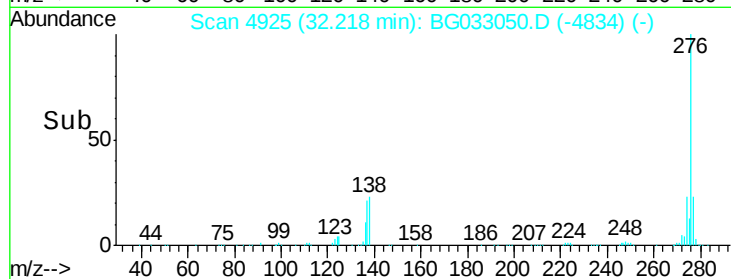
Tot Ion: 276 Resp: 710864

Ion Ratio Lower Upper

276 100

277 23.1 18.3 27.5

138 23.2 13.9 20.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

