

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042518\
 Data File : BG033991.D
 Acq On : 25 Apr 2018 17:52
 Operator : SJ/JU
 Sample : J2541-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 26 06:25:56 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	61223	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	303298	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	210451	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	524008	20.00	ng	-0.02
75) Chrysene-d12	21.47	240	547763	20.00	ng	-0.02
86) Perylene-d12	24.52	264	566707	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	526493	137.30	ng	0.00
7) Phenol-d6	7.00	99	732889	131.03	ng	0.00
23) Nitrobenzene-d5	8.98	82	455384	85.45	ng	0.00
41) 2,4,6-Tribromophenol	15.95	330	355853	144.94	ng	-0.02
44) 2-Fluorobiphenyl	13.09	172	1101696	76.90	ng	-0.02
78) Terphenyl-d14	19.85	244	1705308	69.94	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	42614	26.299	ng	87
4) n-Nitrosodimethylamine	3.71	42	71703	33.570	ng	# 94
6) Aniline	7.16	93	137530	18.395	ng	96
8) 2-Chlorophenol	7.40	128	173064	40.277	ng	93
9) Benzaldehyde	6.97	77	80912	24.424	ng	92
10) Phenol	7.03	94	231539	40.409	ng	98
11) bis(2-Chloroethyl)ether	7.26	93	158338	36.131	ng	93
12) 1,3-Dichlorobenzene	7.72	146	167123	33.787	ng	96
13) 1,4-Dichlorobenzene	7.86	146	172245	34.381	ng	93
14) 1,2-Dichlorobenzene	8.18	146	168460	34.577	ng	93
15) Benzyl Alcohol	8.06	79	175594	36.003	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.36	45	266418	31.170	ng	97
17) 2-Methylphenol	8.26	107	160531	37.807	ng	97
18) Hexachloroethane	8.90	117	60851	33.239	ng	97
19) n-Nitroso-di-n-propylamine	8.63	70	153897	32.279	ng	# 97
20) 3+4-Methylphenols	8.59	107	224040	36.313	ng	96
22) Acetophenone	8.64	105	270582	32.778	ng	# 95
24) Nitrobenzene	9.02	77	206897	35.626	ng	96
25) Isophorone	9.54	82	416361	34.748	ng	# 94
26) 2-Nitrophenol	9.72	139	101466	44.218	ng	91
27) 2,4-Dimethylphenol	9.79	122	183944	42.856	ng	97
28) bis(2-Chloroethoxy)methane	10.03	93	243030	38.378	ng	96
29) 2,4-Dichlorophenol	10.26	162	205809	43.014	ng	92
30) 1,2,4-Trichlorobenzene	10.48	180	192216	35.868	ng	100
31) Naphthalene	10.66	128	546787	35.057	ng	97
32) Benzoic acid	9.89	122	68487	19.398	ng	91
33) 4-Chloroaniline	10.77	127	158961	21.683	ng	96
34) Hexachlorobutadiene	10.95	225	102082	31.842	ng	96
35) Caprolactam	11.54	113	33761	16.596	ng	# 79
36) 4-Chloro-3-methylphenol	11.90	107	219756	37.631	ng	90
37) 2-Methylnaphthalene	12.27	142	432937	36.256	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.64	216	255509	36.563	ng	98
40) Hexachlorocyclopentadiene	12.63	237	309737	80.609	ng	93
42) 2,4,6-Trichlorophenol	12.89	196	179023	42.017	ng	98

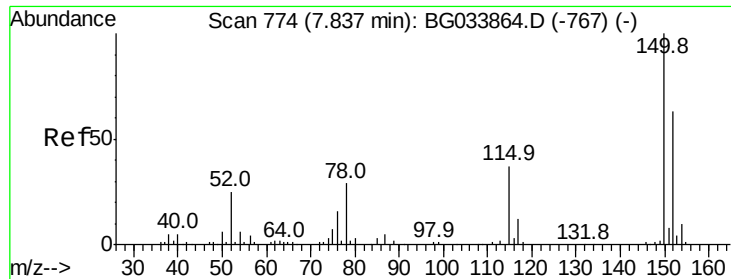
Data Path : Z:\HPCHEM1\BNA G\DATA\BG042518\
 Data File : BG033991.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	12.96	196	200182	40.867	nq	95
45) 1,1'-Biphenyl	13.29	154	591911	34.745	nq	97
46) 2-Chloronaphthalene	13.33	162	453904	35.139	nq	98
47) 2-Nitroaniline	13.53	65	155206	38.482	nq	# 87
48) Acenaphthylene	14.18	152	725816	33.803	nq	99
49) Dimethylphthalate	13.93	163	711704	38.445	nq	99
50) 2,6-Dinitrotoluene	14.04	165	143982	41.041	nq	# 84
51) Acenaphthene	14.52	154	453162	33.596	nq	99
52) 3-Nitroaniline	14.37	138	123452	32.407	nq	# 81
53) 2,4-Dinitrophenol	14.57	184	96650	77.034	nq	# 54
54) Dibenzofuran	14.86	168	724859	36.248	nq	96
55) 4-Nitrophenol	14.68	139	258126	86.397	nq	# 85
56) 2,4-Dinitrotoluene	14.82	165	202363	43.377	nq	84
57) Fluorene	15.51	166	605220	34.974	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.08	232	195877	43.674	nq	97
59) Diethylphthalate	15.29	149	655063	33.477	nq	98
60) 4-Chlorophenyl-phenylether	15.51	204	333773	36.876	nq	97
61) 4-Nitroaniline	15.54	138	159410	39.412	nq	91
62) Azobenzene	15.81	77	560424	32.129	nq	96
64) 4,6-Dinitro-2-methylphenol	15.59	198	92370	38.148	nq	88
65) n-Nitrosodiphenylamine	15.72	169	523128	34.338	nq	98
66) 4-Bromophenyl-phenylether	16.40	248	214385	37.254	nq	98
67) Hexachlorobenzene	16.52	284	224723	36.617	nq	# 69
68) Atrazine	16.68	200	229890	38.519	nq	99
69) Pentachlorophenol	16.86	266	303483	71.991	nq	# 25
70) Phenanthrene	17.25	178	987606	35.132	nq	97
71) Anthracene	17.34	178	1011363	35.976	nq	99
72) Carbazole	17.62	167	947498	34.936	nq	97
73) Di-n-butylphthalate	18.20	149	1137545	33.716	nq	99
74) Fluoranthene	19.27	202	1232127	36.234	nq	95
77) Pyrene	19.64	202	1248549	34.752	nq	96
79) Butylbenzylphthalate	20.55	149	522064	33.089	nq	90
80) Benzo(a)anthracene	21.45	228	1226471	35.508	nq	98
81) 3,3'-Dichlorobenzidine	21.38	252	381620	29.631	nq	98
82) Chrysene	21.52	228	1150654	34.885	nq	96
83) Bis(2-ethylhexyl)phthalate	21.39	149	718259	32.235	nq	98
84) Di-n-octyl phthalate	22.56	149	1230960	34.805	nq	98
85) Indeno(1,2,3-cd)pyrene	27.98	276	1380693	36.774	nq	# 93
87) Benzo(b)fluoranthene	23.56	252	1213322	35.095	nq	99
88) Benzo(k)fluoranthene	23.63	252	1204016	35.060	nq	97
89) Benzo(a)pyrene	24.38	252	1185315	35.799	nq	98
90) Dibenzo(a,h)anthracene	28.04	278	1166685	36.416	nq	98
91) Benzo(g,h,i)perylene	29.07	276	1124270	35.663	nq	98

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

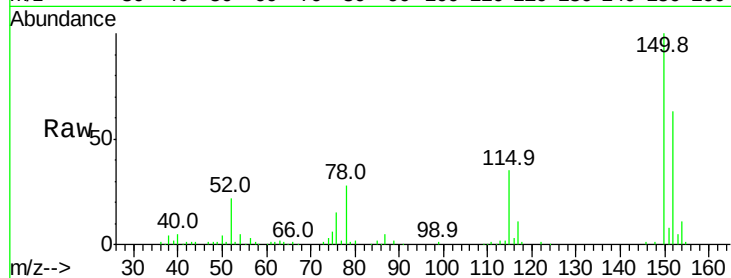


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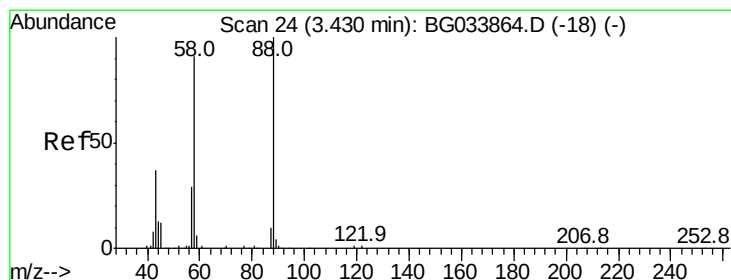
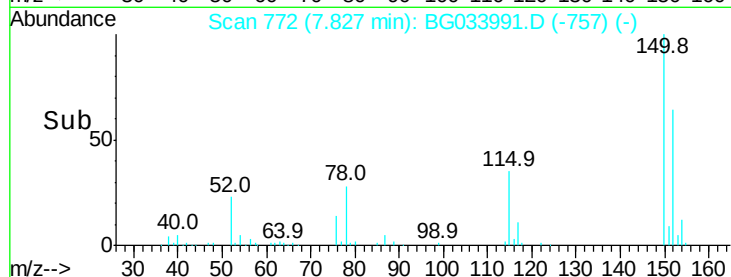
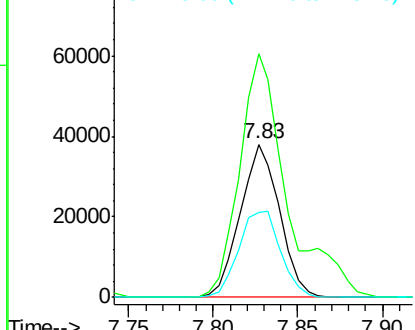
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 772
Delta R.T. -0.01 min
Lab File: BG033991.D
Acq: 25 Apr 2018 17:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 61223
Ion Ratio Lower Upper
152 100
150 158.9 126.6 189.8
115 55.0 53.0 79.4



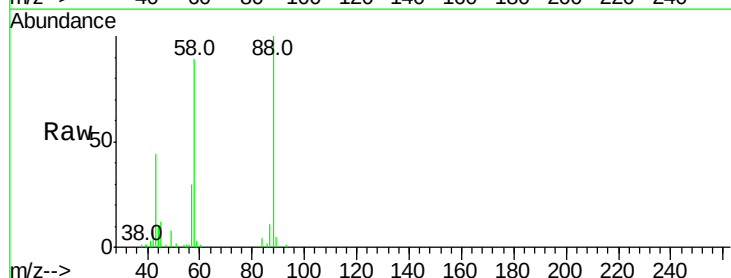
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



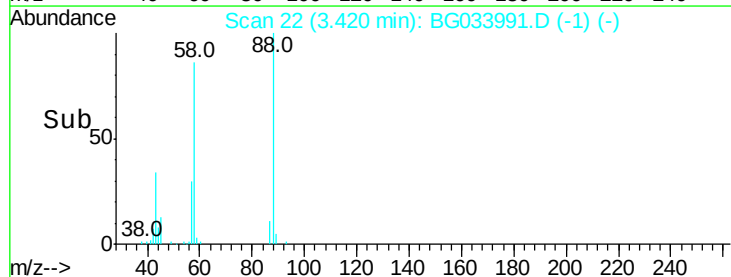
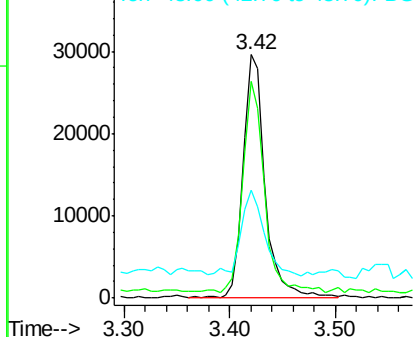
#2

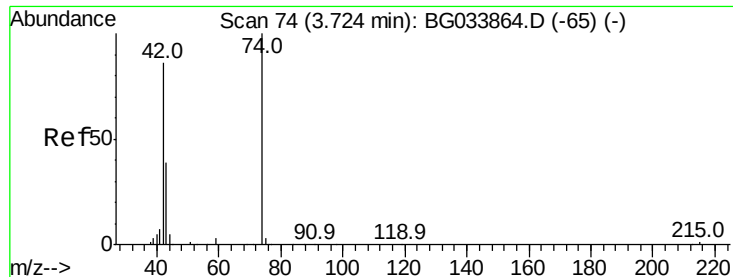
1,4-Dioxane
Concen: 26.299 ng
RT: 3.42 min Scan# 22
Delta R.T. -0.01 min
Lab File: BG033991.D
Acq: 25 Apr 2018 17:52

Tgt Ion: 88 Resp: 42614
Ion Ratio Lower Upper
88 100
58 83.8 79.6 119.4
43 37.5 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



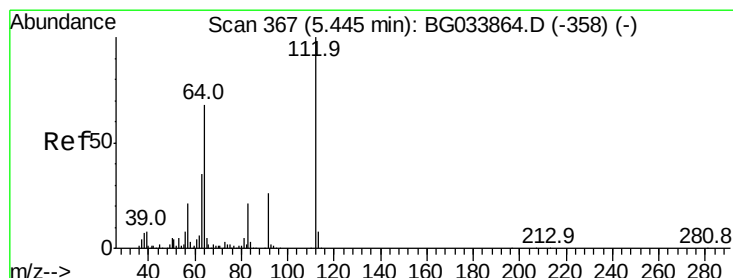
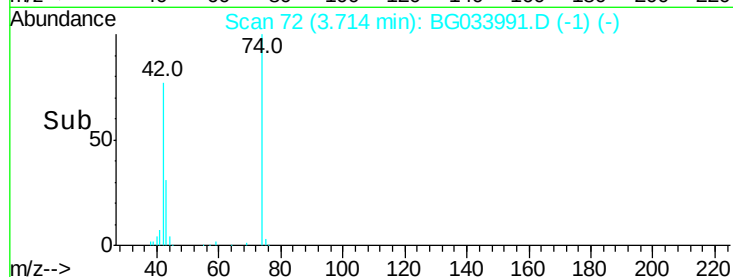
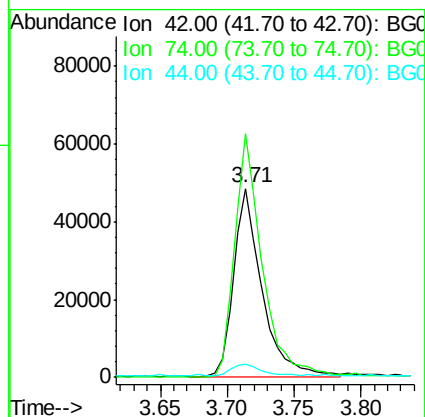
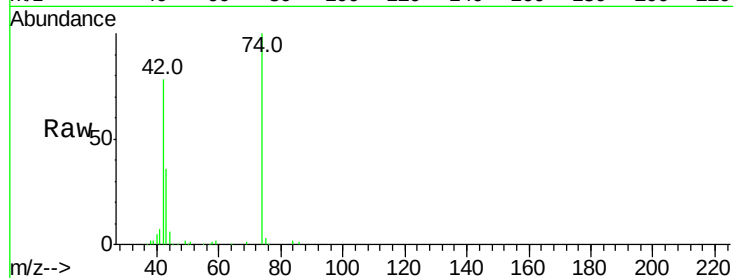


#4

n-Nitrosodimethylamine
 Concen: 33.570 ng
 RT: 3.71 min Scan# 72
 Delta R.T. -0.01 min
 Lab File: BG033991.D
 Acq: 25 Apr 2018 17:52

Instrument :
 BNA_G
 ClientSampleId :

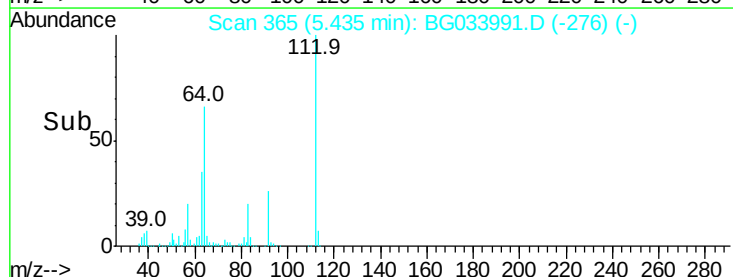
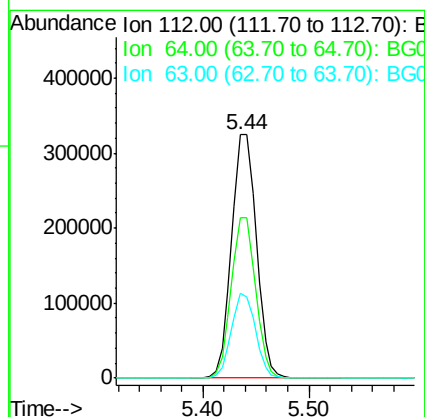
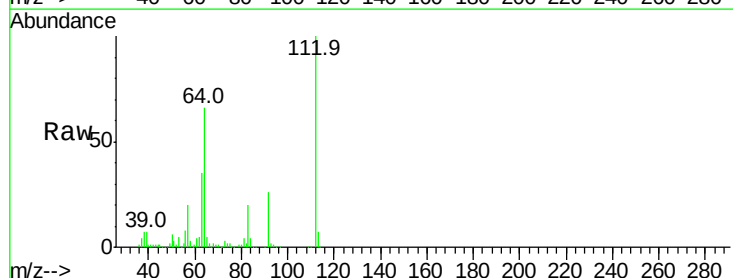
Tot Ion: 42 Resp: 71703
 Ion Ratio Lower Upper
 42 100
 74 129.0 102.5 153.7
 44 7.3 18.9 28.3#

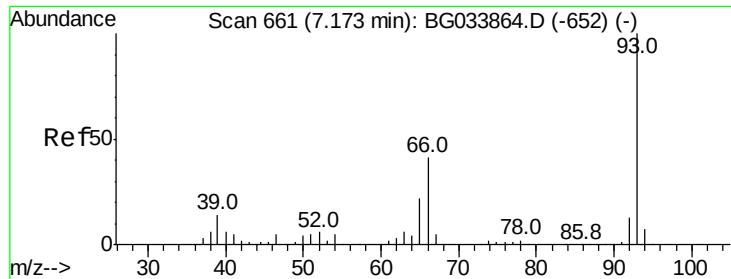


#5

2-Fluorophenol
 Concen: 137.295 ng
 RT: 5.44 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: BG033991.D
 Acq: 25 Apr 2018 17:52

Tgt Ion: 112 Resp: 526493
 Ion Ratio Lower Upper
 112 100
 64 65.7 56.3 84.5
 63 34.8 30.1 45.1





#6

Aniline

Concen: 18.395 ng

RT: 7.16 min Scan# 659

Delta R.T. -0.01 min

Lab File: BG033991.D

Acq: 25 Apr 2018 17:52

Instrument :

BNA_G

ClientSampleId :

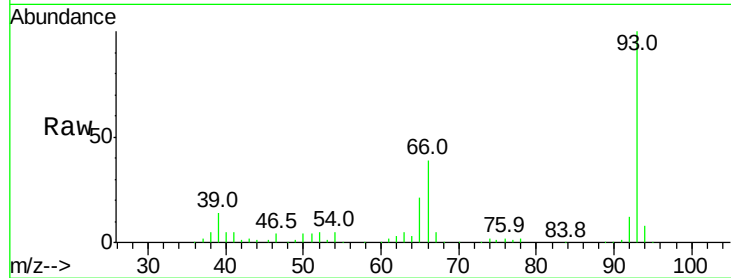
Tot Ion: 93 Resp: 137530

Ion Ratio Lower Upper

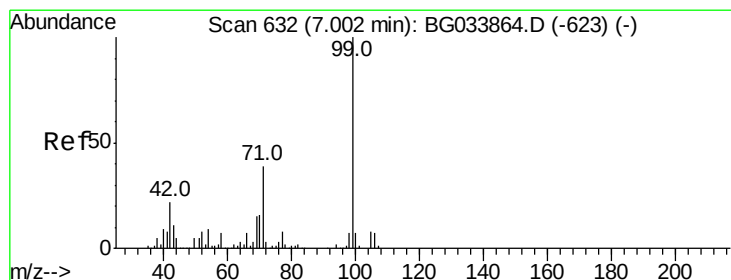
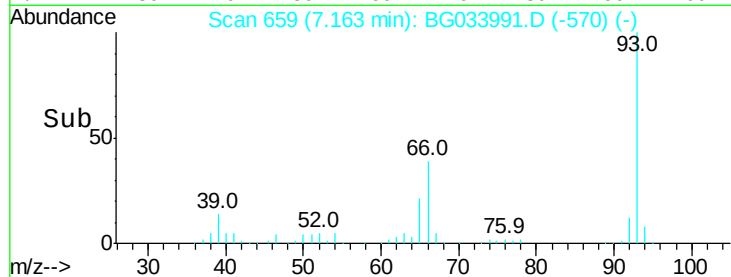
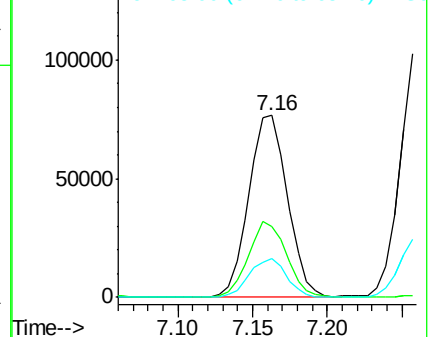
93 100

66 38.9 33.7 50.5

65 21.1 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: 131.032 ng

RT: 7.00 min Scan# 632

Delta R.T. 0.00 min

Lab File: BG033991.D

Acq: 25 Apr 2018 17:52

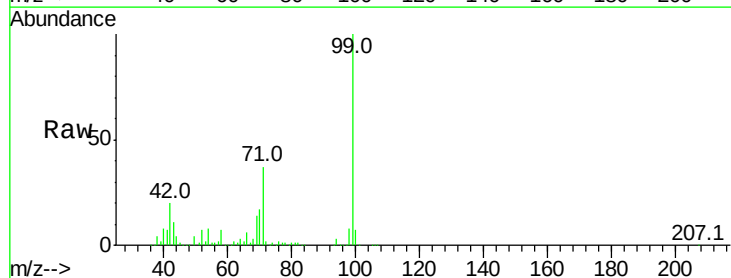
Tgt Ion: 99 Resp: 732889

Ion Ratio Lower Upper

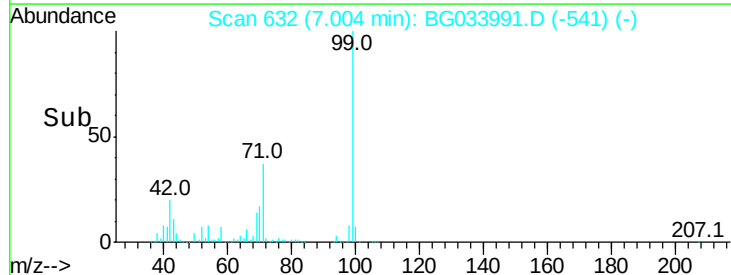
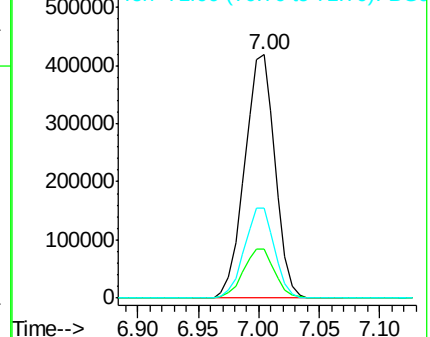
99 100

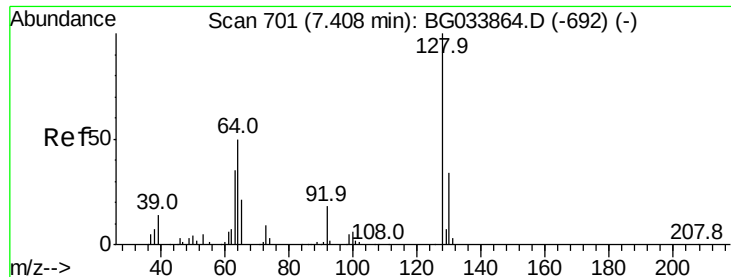
42 20.1 14.1 21.1

71 36.9 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: 40.277 ng

RT: 7.40 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG033991.D

Acq: 25 Apr 2018 17:52

Instrument :

BNA_G

ClientSampleId :

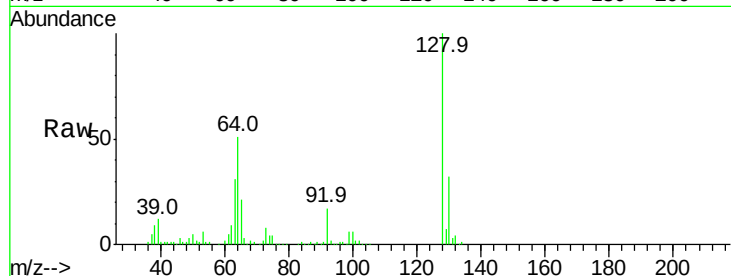
Tot Ion:128 Resp: 173064

Ion Ratio Lower Upper

128 100

130 32.2 14.0 54.0

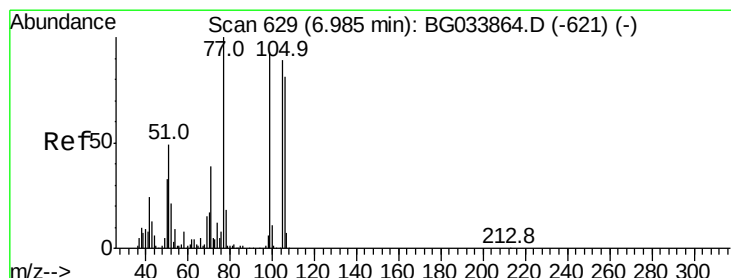
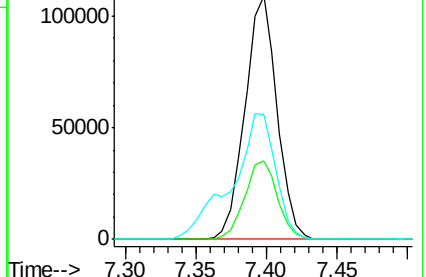
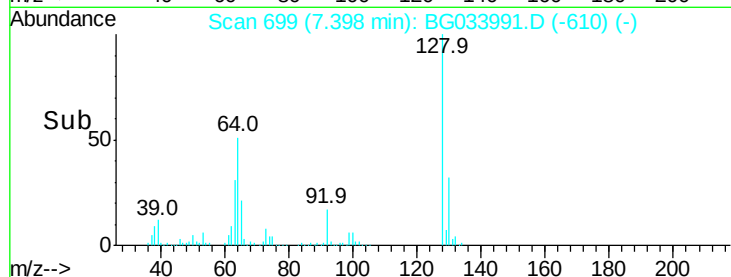
64 51.0 37.7 77.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC



#9

Benzaldehyde

Concen: 24.424 ng

RT: 6.97 min Scan# 627

Delta R.T. -0.01 min

Lab File: BG033991.D

Acq: 25 Apr 2018 17:52

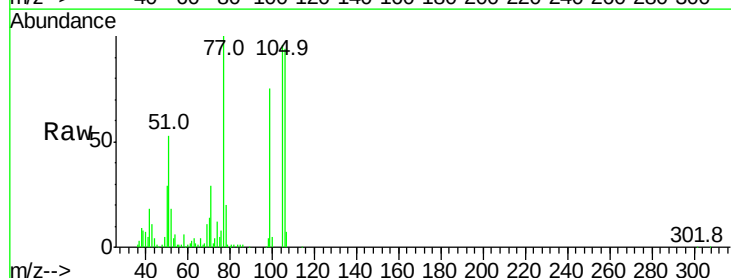
Tgt Ion: 77 Resp: 80912

Ion Ratio Lower Upper

77 100

105 95.6 71.3 111.3

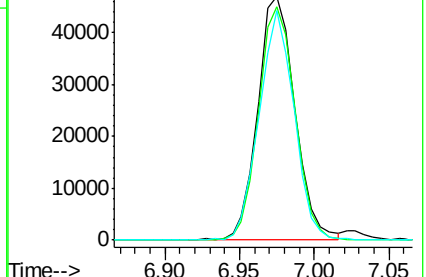
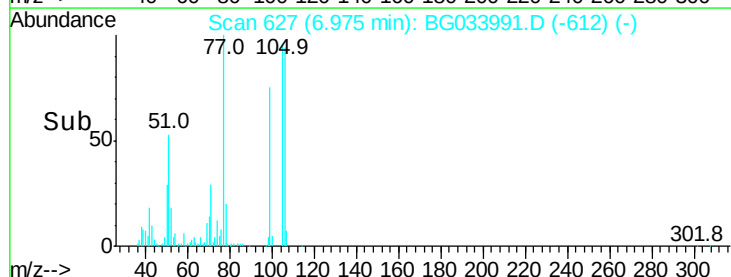
106 94.2 64.2 104.2

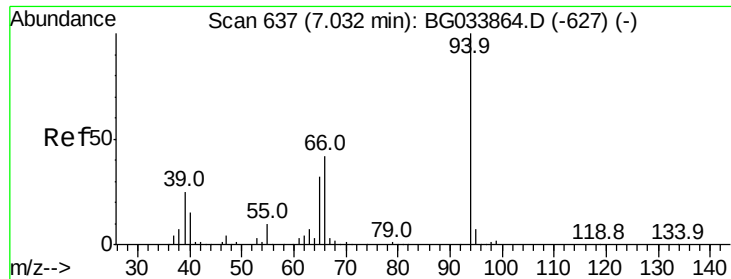


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 40.409 ng

RT: 7.03 min Scan# 636

Delta R.T. -0.00 min

Lab File: BG033991.D

Acq: 25 Apr 2018 17:52

Instrument :

BNA_G

ClientSampleId :

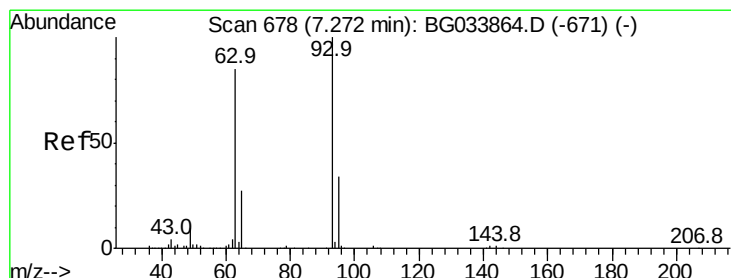
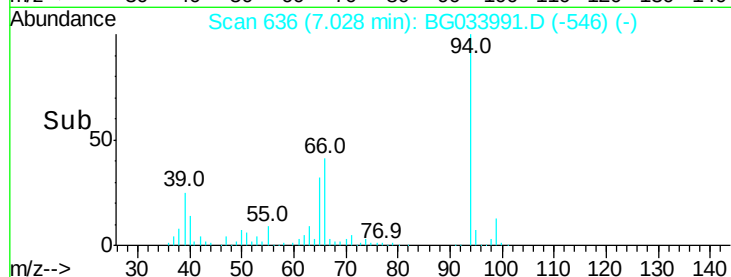
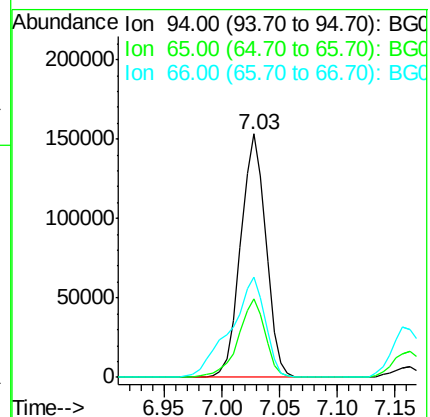
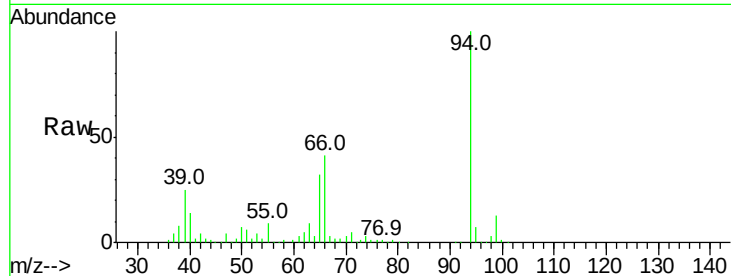
Tot Ion: 94 Resp: 231539

Ion Ratio Lower Upper

94 100

65 32.4 11.9 51.9

66 41.0 22.2 62.2



#11

bis(2-Chloroethyl)ether

Concen: 36.131 ng

RT: 7.26 min Scan# 675

Delta R.T. -0.02 min

Lab File: BG033991.D

Acq: 25 Apr 2018 17:52

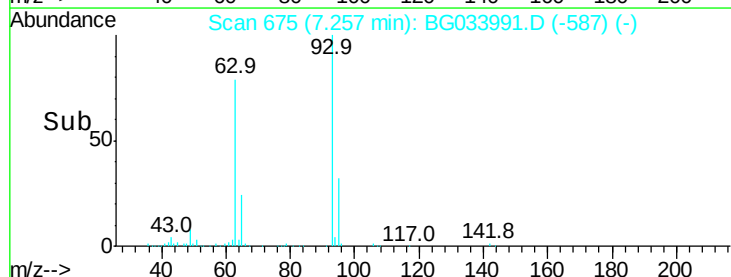
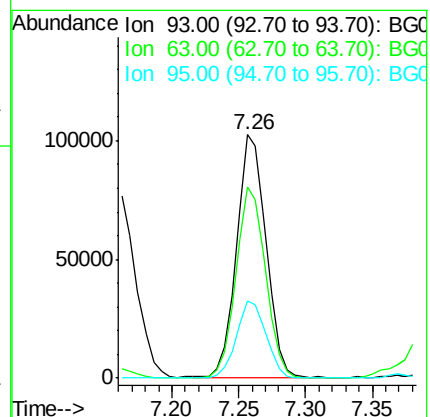
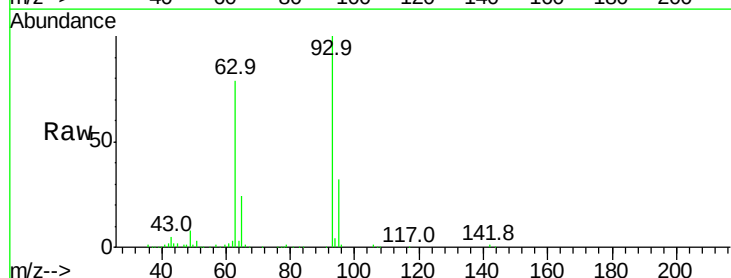
Tgt Ion: 93 Resp: 158338

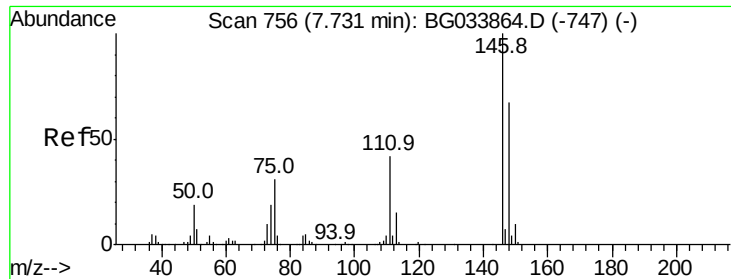
Ion Ratio Lower Upper

93 100

63 78.6 67.1 107.1

95 31.5 11.5 51.5

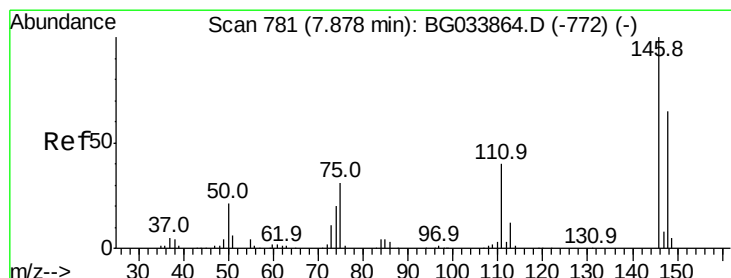
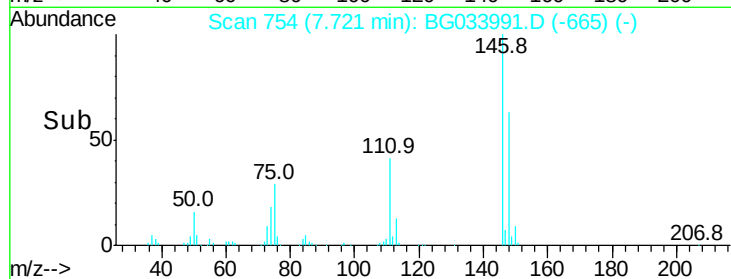
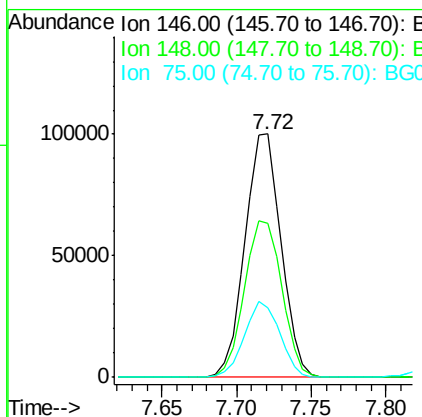
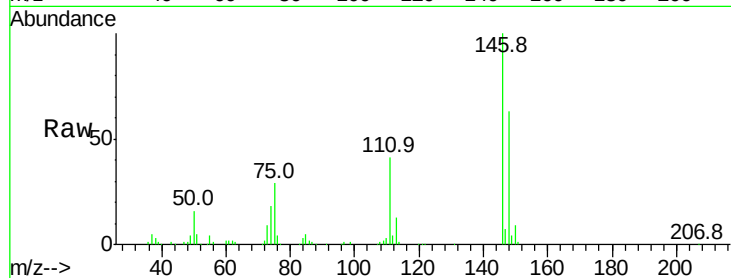




#12
 1,3-Dichlorobenzene
 Concen: 33.787 ng
 RT: 7.72 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BG033991.D
 Acq: 25 Apr 2018 17:52

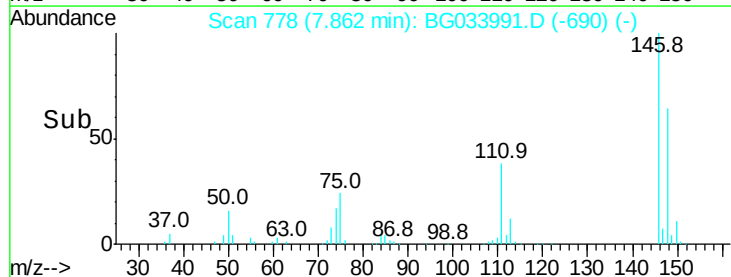
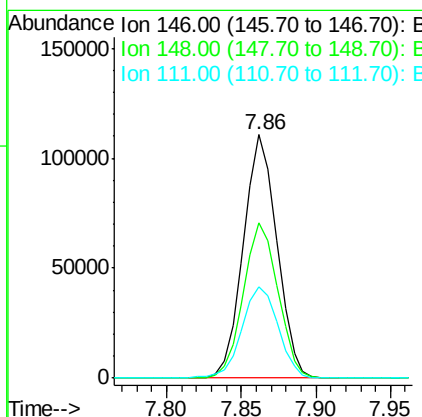
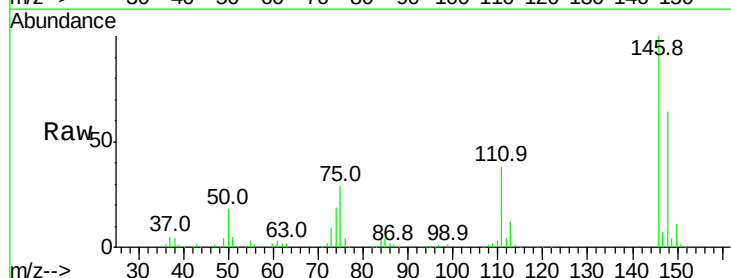
Instrument :
 BNA_G
 ClientSampleId :

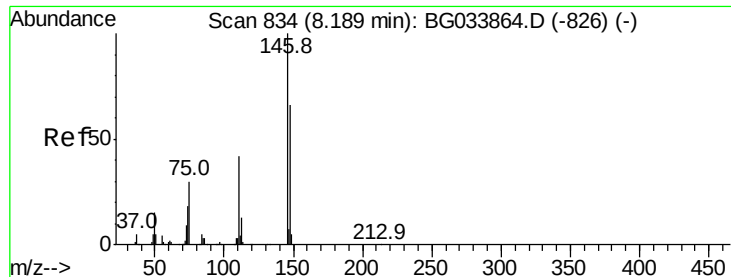
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.4	77.2
75	28.6	26.6	39.8



#13
 1,4-Dichlorobenzene
 Concen: 34.381 ng
 RT: 7.86 min Scan# 778
 Delta R.T. -0.02 min
 Lab File: BG033991.D
 Acq: 25 Apr 2018 17:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	53.7	80.5
111	37.5	35.2	52.8

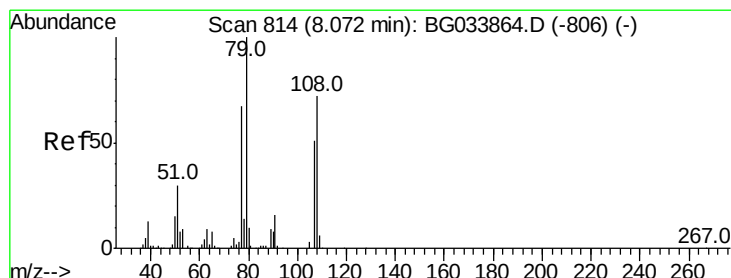
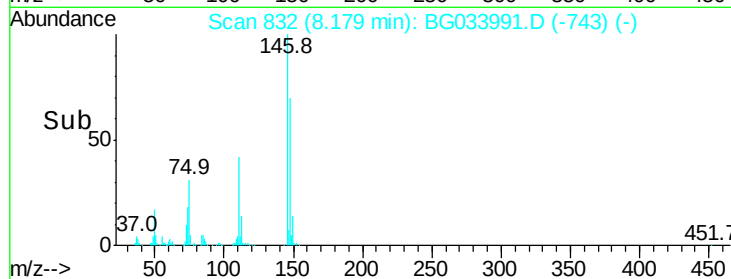
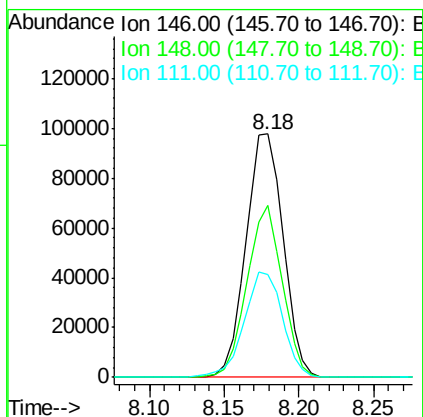
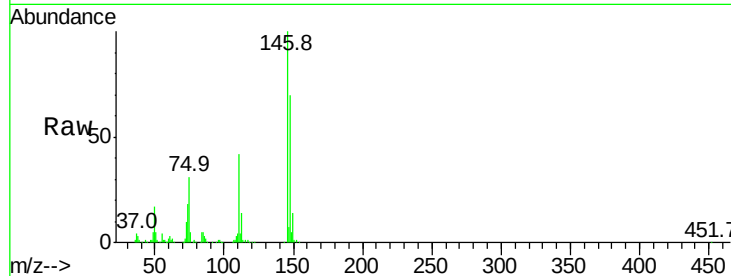




#14
 1,2-Dichlorobenzene
 Concen: 34.577 ng
 RT: 8.18 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BG033991.D
 Acq: 25 Apr 2018 17:52

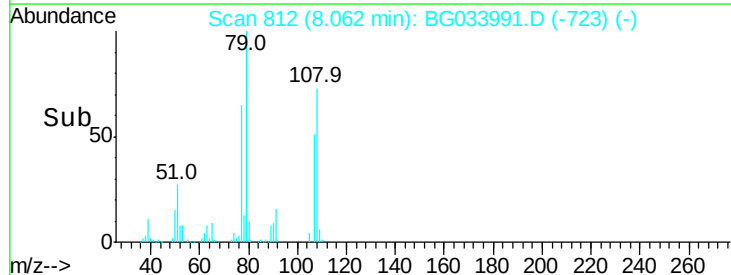
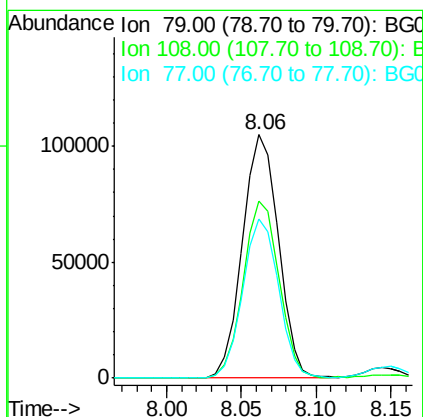
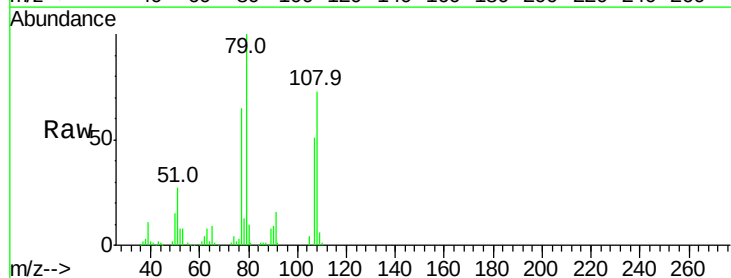
Instrument :
 BNA_G
 ClientSampleId :

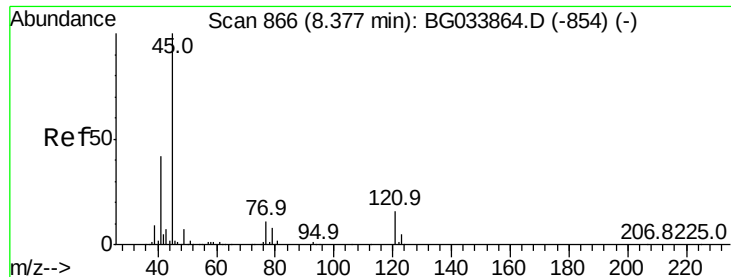
Tot Ion:146 Resp: 168460
 Ion Ratio Lower Upper
 146 100
 148 70.4 49.3 73.9
 111 42.4 34.3 51.5



#15
 Benzyl Alcohol
 Concen: 36.003 ng
 RT: 8.06 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BG033991.D
 Acq: 25 Apr 2018 17:52

Tgt Ion: 79 Resp: 175594
 Ion Ratio Lower Upper
 79 100
 108 72.6 57.2 85.8
 77 65.5 46.1 69.1

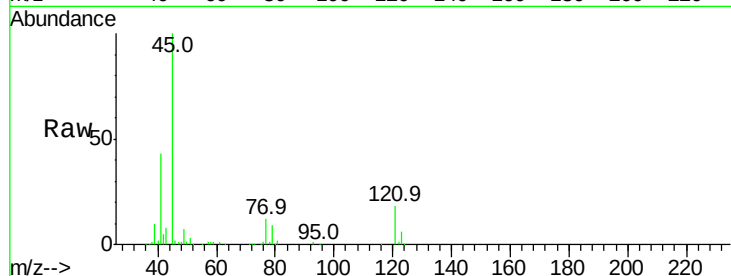




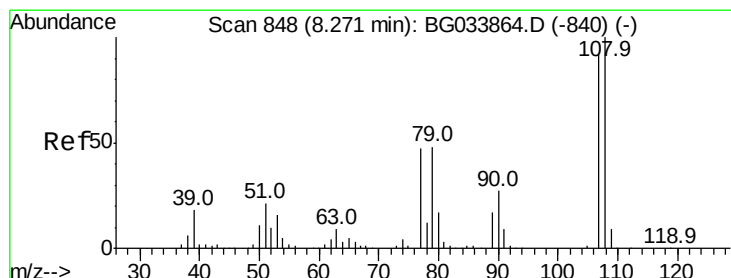
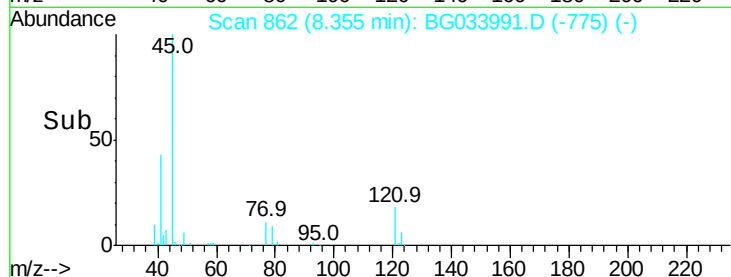
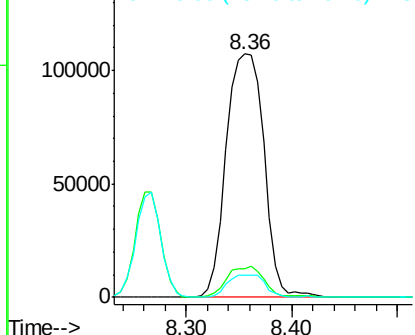
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 31.170 ng
RT: 8.36 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG033991.D
Acq: 25 Apr 2018 17:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 45 Resp: 266418
Ion Ratio Lower Upper
45 100
77 11.5 0.0 30.2
79 9.0 0.0 27.9

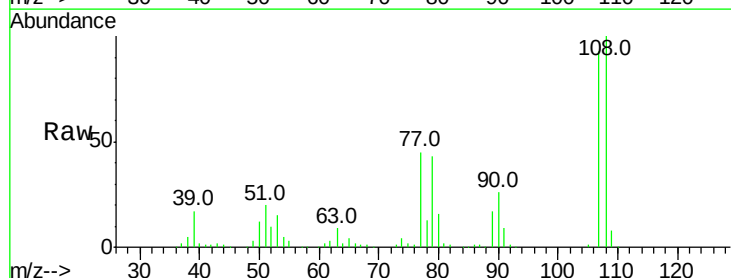


Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

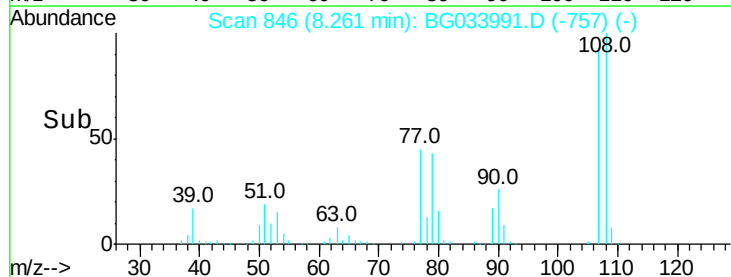
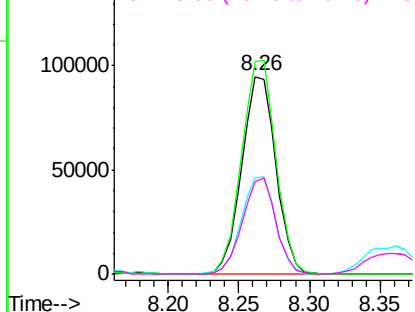


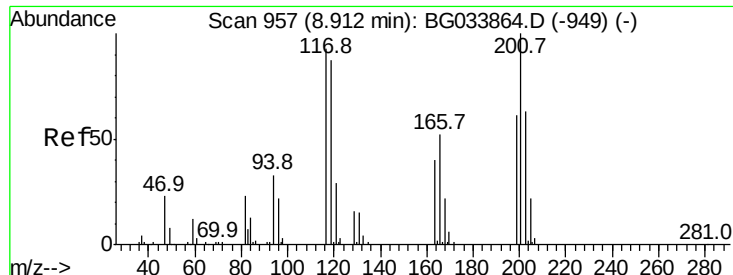
#17
2-Methylphenol
Concen: 37.807 ng
RT: 8.26 min Scan# 846
Delta R.T. -0.01 min
Lab File: BG033991.D
Acq: 25 Apr 2018 17:52

Tgt Ion:107 Resp: 160531
Ion Ratio Lower Upper
107 100
108 107.5 83.9 125.9
77 48.6 37.2 55.8
79 46.7 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): BGC
Ion 79.00 (78.70 to 79.70): BGC





#18

Hexachloroethane

Concen: 33.239 ng

RT: 8.90 min Scan# 955

Delta R.T. -0.01 min

Lab File: BG033991.D

Acq: 25 Apr 2018 17:52

Instrument :

BNA_G

ClientSampleId :

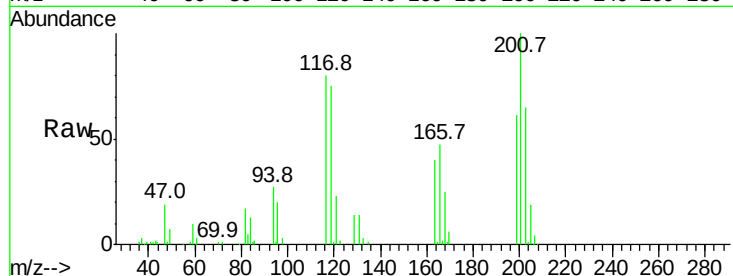
Tot Ion:117 Resp: 60851

Ion Ratio Lower Upper

117 100

119 94.2 76.7 115.1

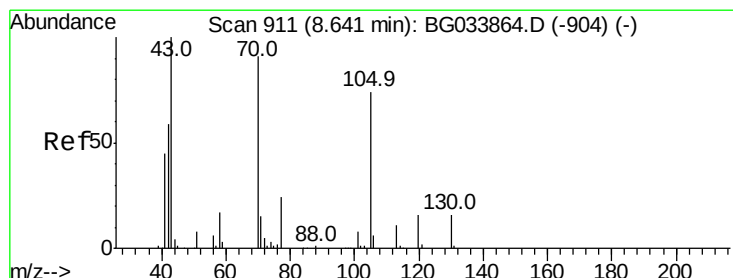
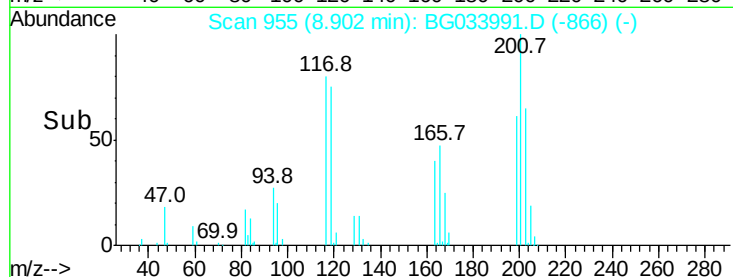
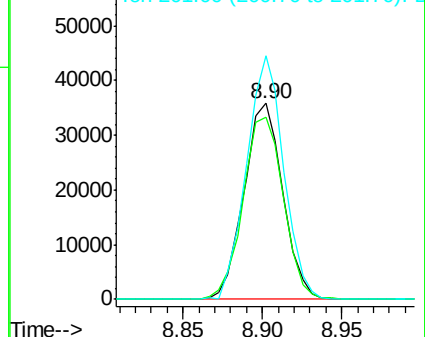
201 124.4 95.7 143.5



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: 32.279 ng

RT: 8.63 min Scan# 909

Delta R.T. -0.01 min

Lab File: BG033991.D

Acq: 25 Apr 2018 17:52

Tgt Ion: 70 Resp: 153897

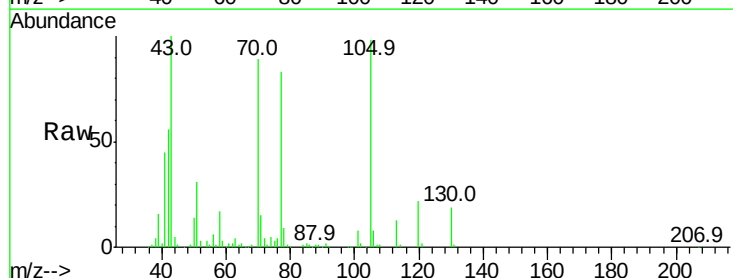
Ion Ratio Lower Upper

70 100

42 62.7 49.1 73.7

101 9.5 8.5 12.7

130 21.0 13.4 20.0#

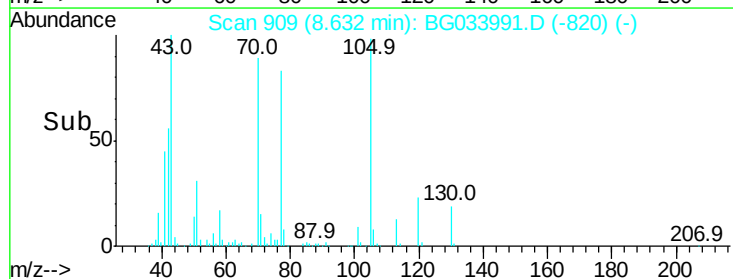
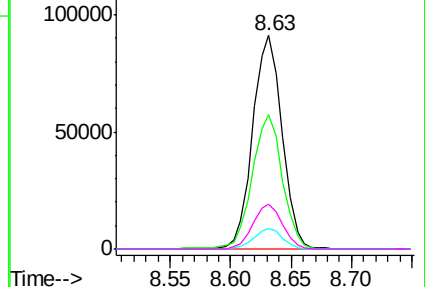


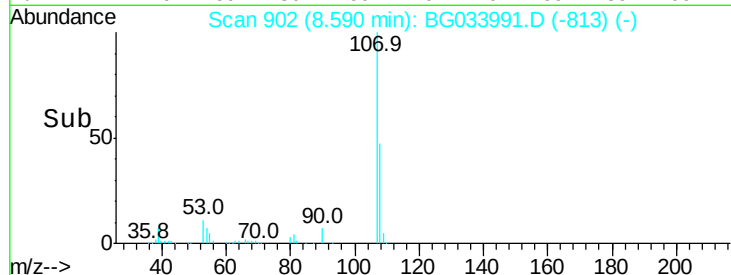
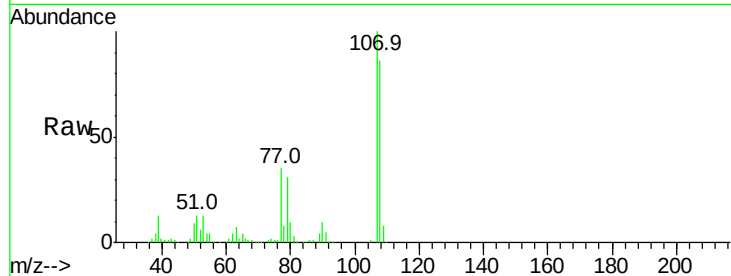
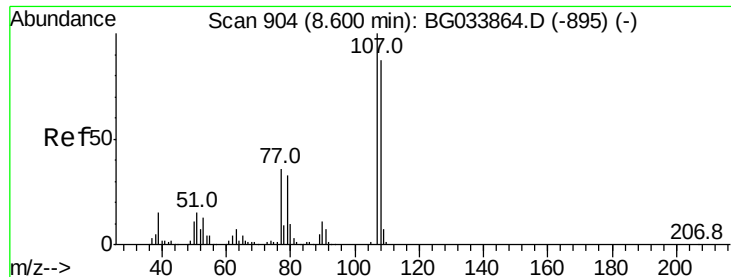
Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

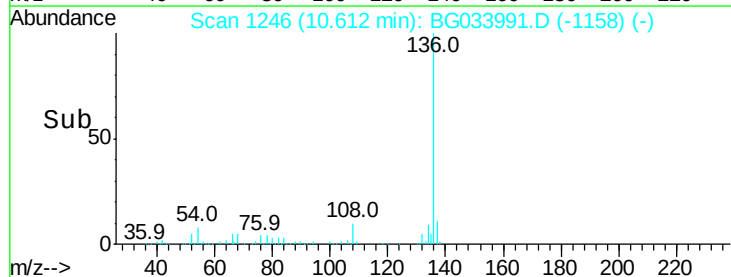
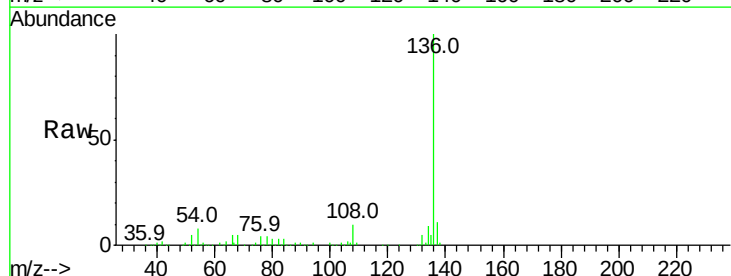
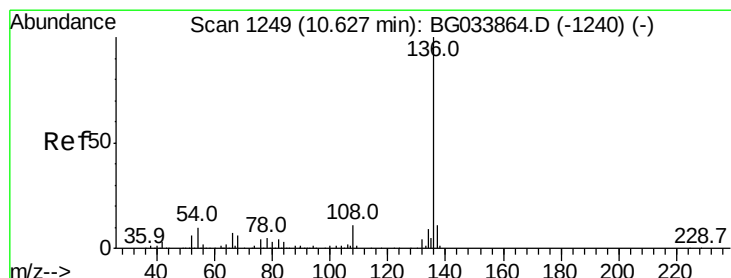
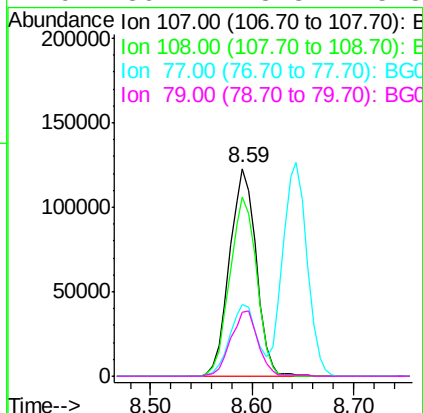




#20
3+4-Methylphenols
Concen: 36.313 ng
RT: 8.59 min Scan# 902
Delta R.T. -0.01 min
Lab File: BG033991.D
Acq: 25 Apr 2018 17:52

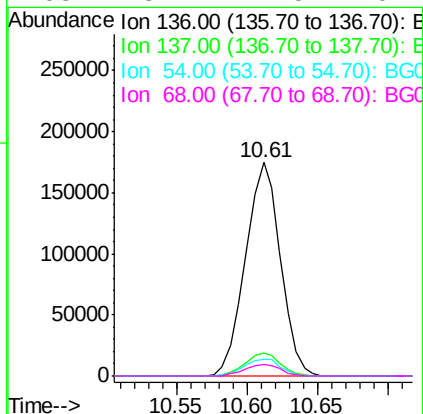
Instrument :
BNA_G
ClientSampleId :

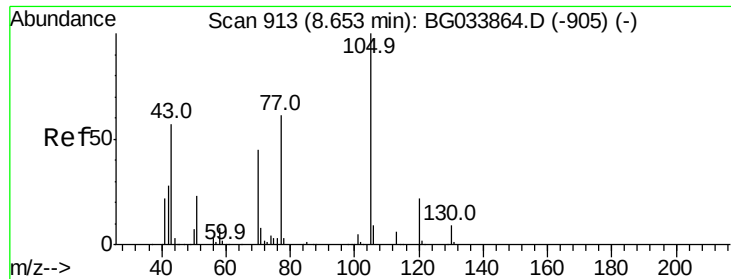
Tot Ion:	107	Resp:	224040
Ion	Ratio	Lower	Upper
107	100		
108	86.3	61.6	101.6
77	34.8	13.9	53.9
79	30.7	8.8	48.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BG033991.D
Acq: 25 Apr 2018 17:52

Tgt Ion:	136	Resp:	303298
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	7.9	10.3	15.5#
68	5.2	4.5	6.7

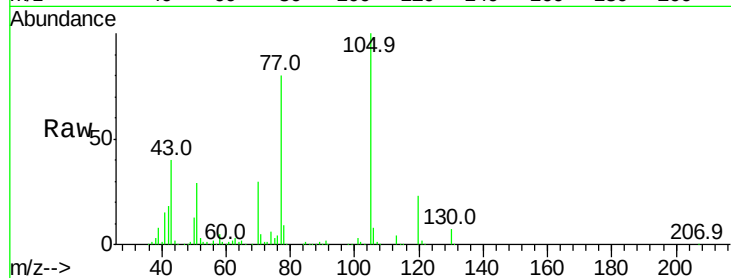




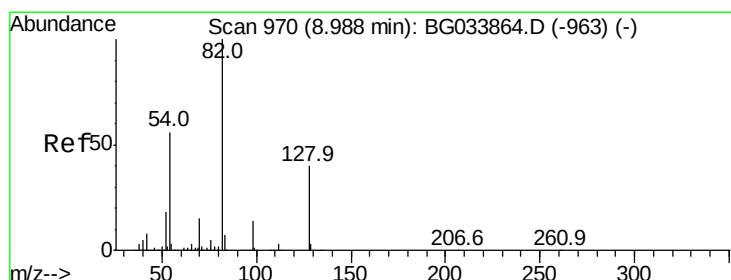
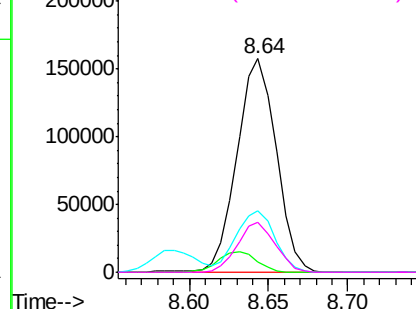
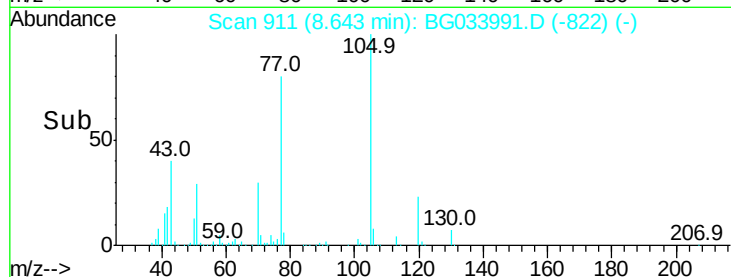
#22
Acetophenone
Concen: 32.778 ng
RT: 8.64 min Scan# 911
Delta R.T. -0.01 min
Lab File: BG033991.D
Acq: 25 Apr 2018 17:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:105 Resp: 270582
Ion Ratio Lower Upper
105 100
71 4.5 3.0 4.4#
51 28.8 26.1 39.1
120 23.2 17.4 26.2

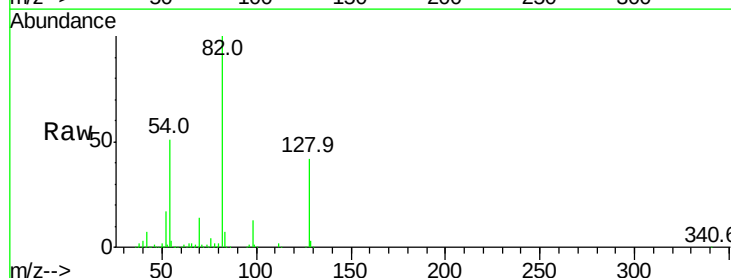


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

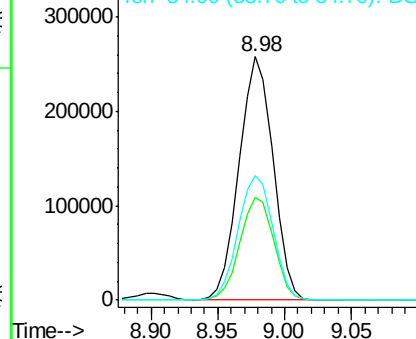
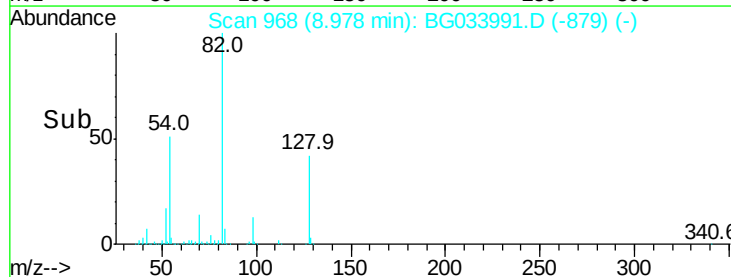


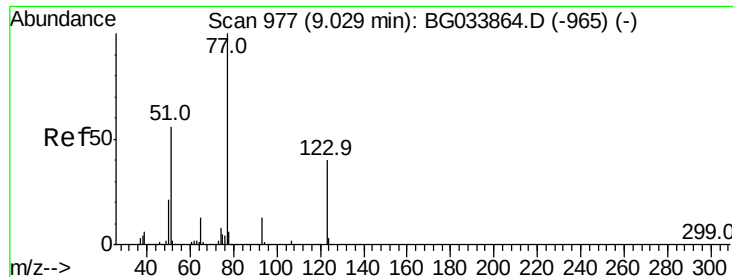
#23
Nitrobenzene-d5
Concen: 85.446 ng
RT: 8.98 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG033991.D
Acq: 25 Apr 2018 17:52

Tgt Ion: 82 Resp: 455384
Ion Ratio Lower Upper
82 100
128 42.2 29.7 44.5
54 51.3 43.1 64.7



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





#24

Nitrobenzene

Concen: 35.626 ng

RT: 9.02 min Scan# 975

Delta R.T. -0.01 min

Lab File: BG033991.D

Acq: 25 Apr 2018 17:52

Instrument :

BNA_G

ClientSampleId :

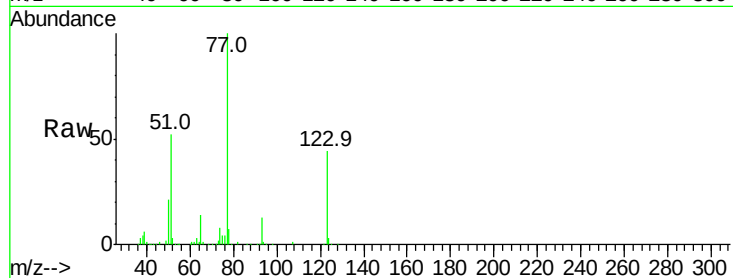
Tot Ion: 77 Resp: 206897

Ion Ratio Lower Upper

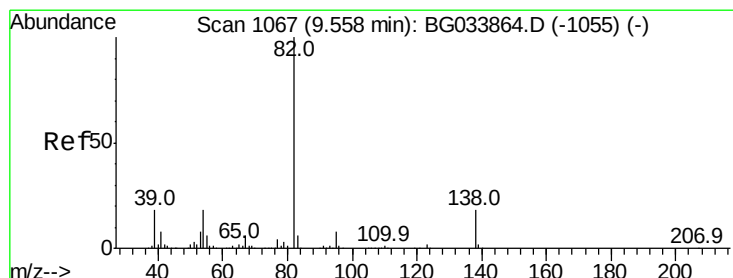
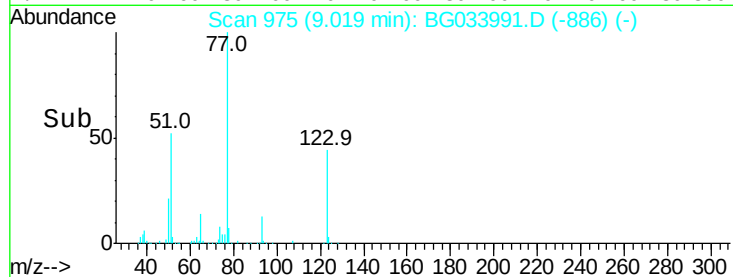
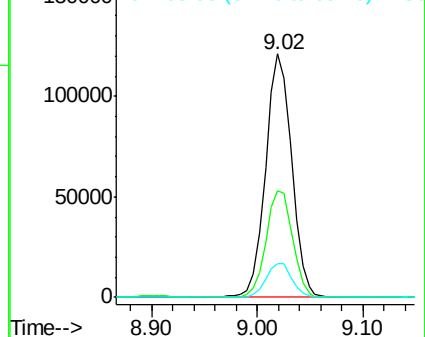
77 100

123 43.6 33.0 49.6

65 13.8 13.0 19.6



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



#25

Isophorone

Concen: 34.748 ng

RT: 9.54 min Scan# 1064

Delta R.T. -0.02 min

Lab File: BG033991.D

Acq: 25 Apr 2018 17:52

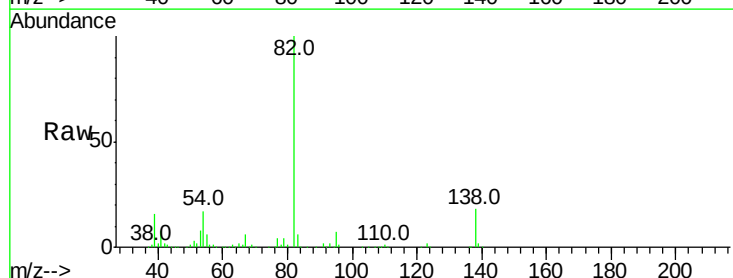
Tgt Ion: 82 Resp: 416361

Ion Ratio Lower Upper

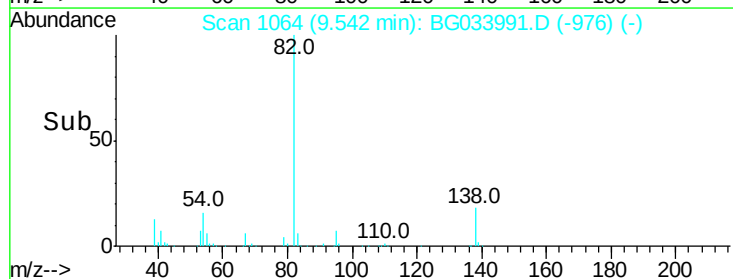
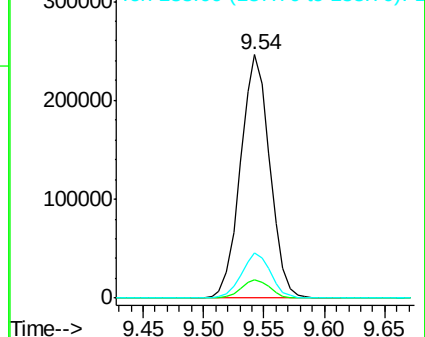
82 100

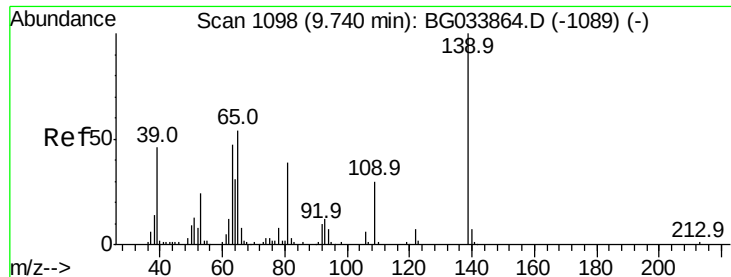
95 7.3 6.2 9.2

138 18.4 12.1 18.1#



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

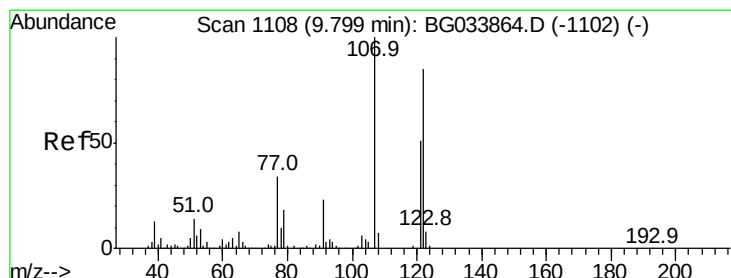
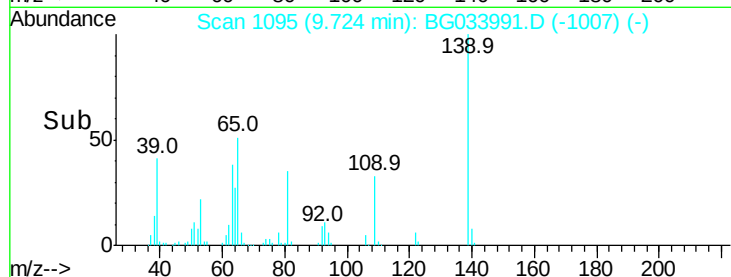
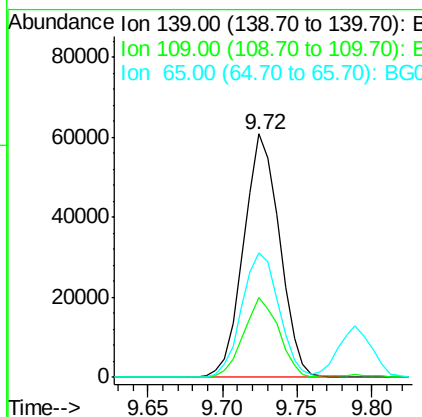
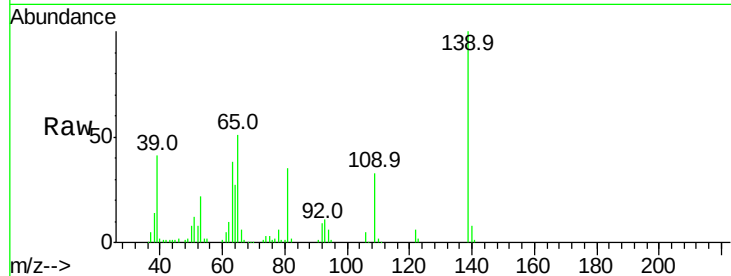




#26
2-Nitrophenol
Concen: 44.218 ng
RT: 9.72 min Scan# 1095
Delta R.T. -0.02 min
Lab File: BG033991.D
Acq: 25 Apr 2018 17:52

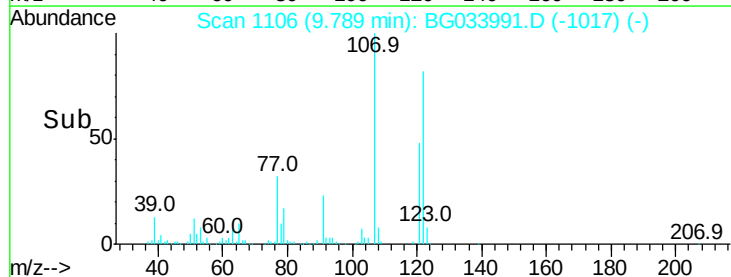
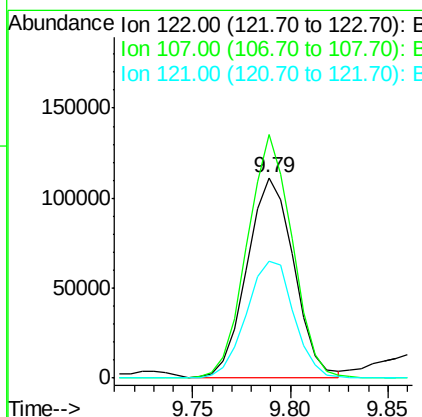
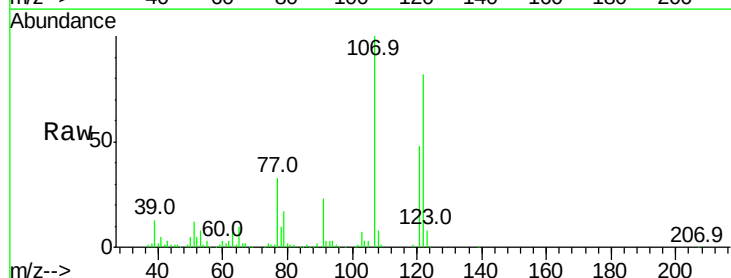
Instrument :
BNA_G
ClientSampleId :

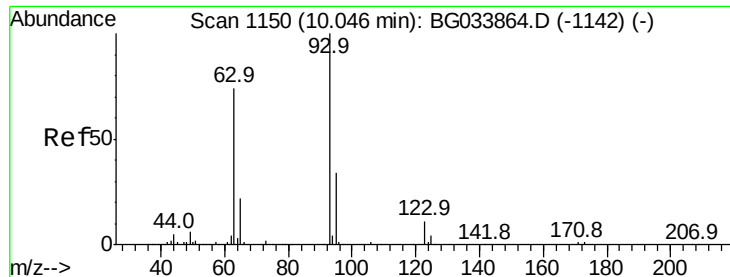
Tot Ion	Ratio	Lower	Upper
139	100		
109	32.7	24.2	36.2
65	51.0	47.4	71.0



#27
2,4-Dimethylphenol
Concen: 42.856 ng
RT: 9.79 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BG033991.D
Acq: 25 Apr 2018 17:52

Tgt Ion	Ratio	Lower	Upper
122	100		
107	121.3	100.2	150.2
121	58.1	44.4	66.6

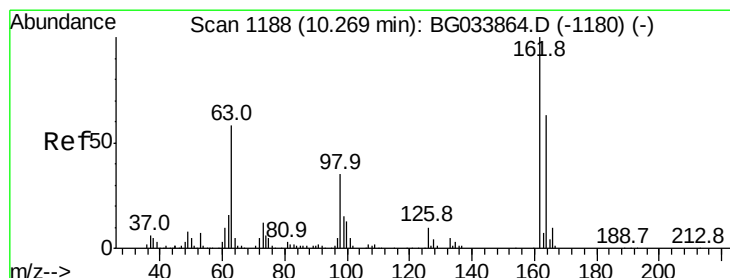
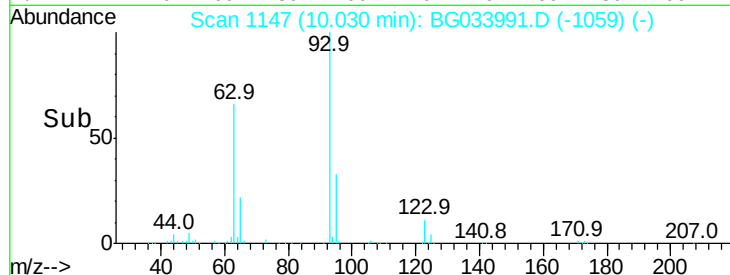
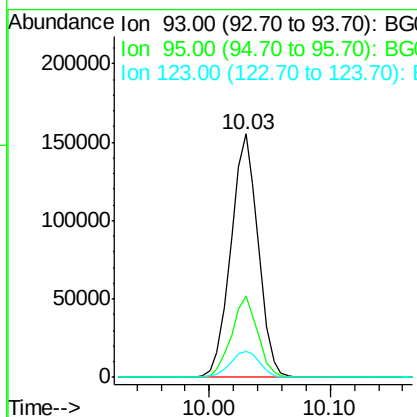
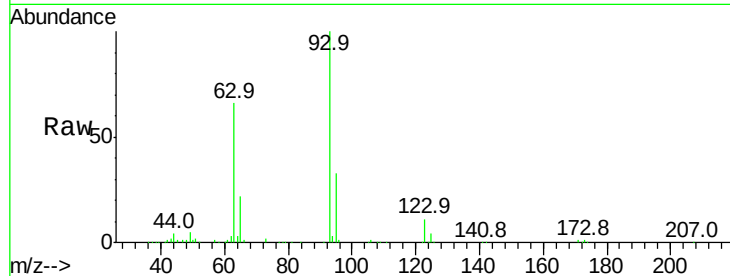




#28
 bis(2-Chloroethoxy)methane
 Concen: 38.378 ng
 RT: 10.03 min Scan# 1147
 Delta R.T. -0.02 min
 Lab File: BG033991.D
 Acq: 25 Apr 2018 17:52

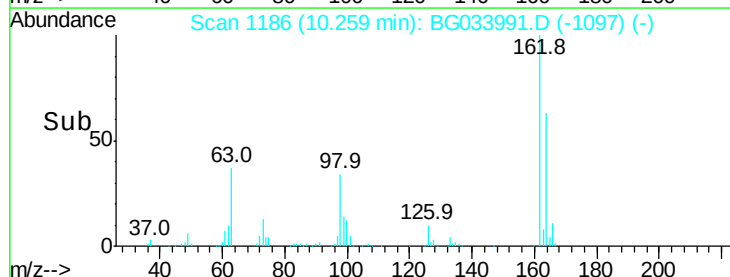
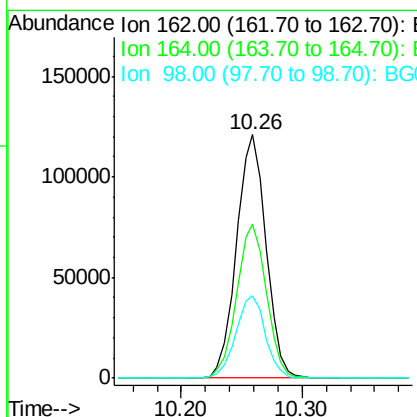
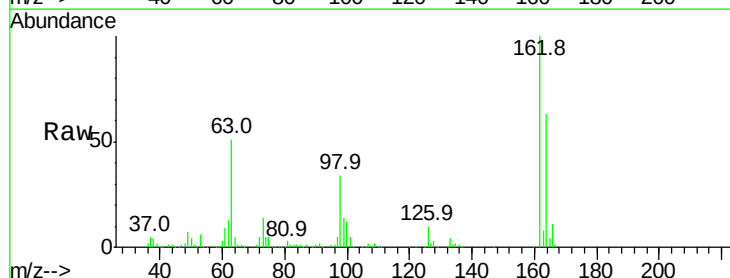
Instrument :
 BNA_G
 ClientSampleId :

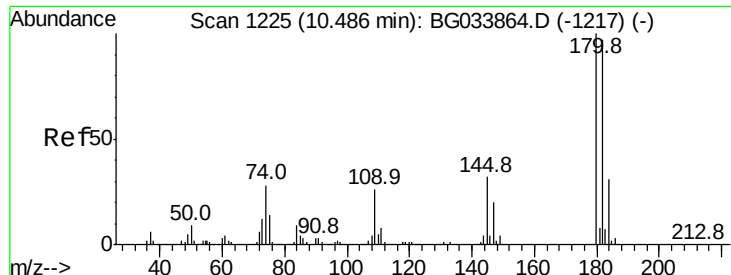
Tot Ion	93	Resp	243030
Ion Ratio	100	Lower	Upper
95	33.1	24.3	36.5
123	10.7	8.4	12.6



#29
 2,4-Dichlorophenol
 Concen: 43.014 ng
 RT: 10.26 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BG033991.D
 Acq: 25 Apr 2018 17:52

Tgt Ion	162	Resp	205809
Ion Ratio	100	Lower	Upper
164	63.3	48.0	88.0
98	33.8	21.1	61.1

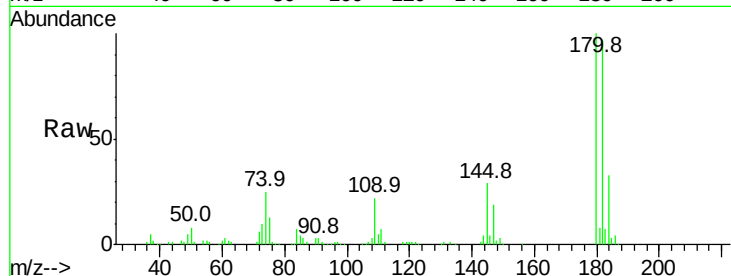




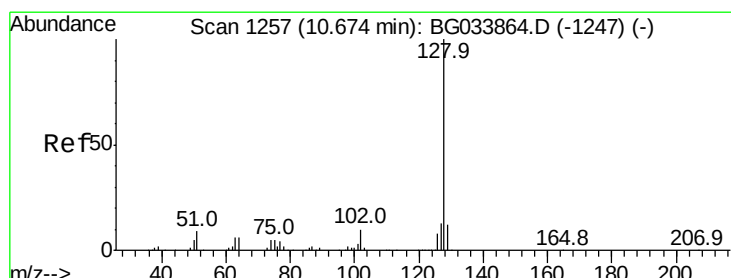
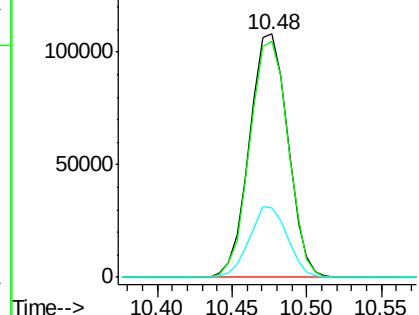
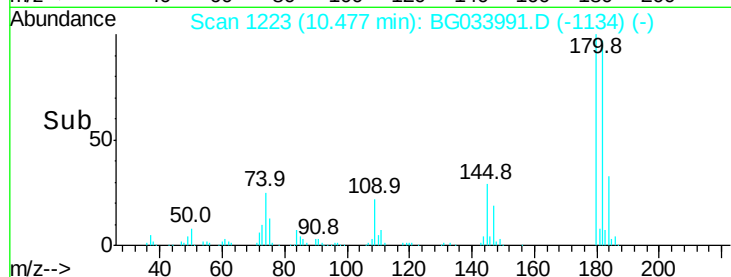
#30
 1,2,4-Trichlorobenzene
 Concen: 35.868 ng
 RT: 10.48 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BG033991.D
 Acq: 25 Apr 2018 17:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.0	77.5	116.3
145	28.7	23.4	35.2

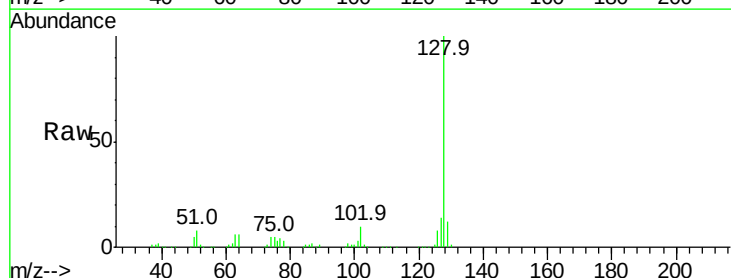


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

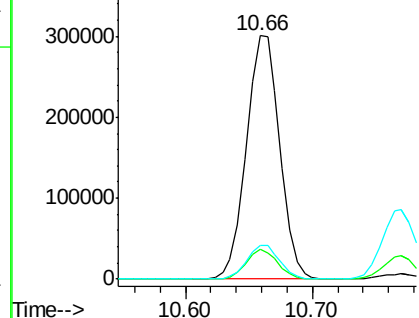
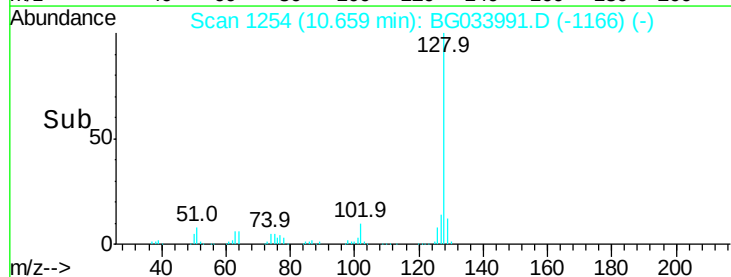


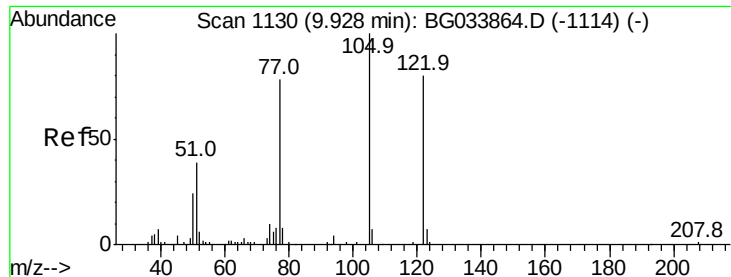
#31
 Naphthalene
 Concen: 35.057 ng
 RT: 10.66 min Scan# 1254
 Delta R.T. -0.02 min
 Lab File: BG033991.D
 Acq: 25 Apr 2018 17:52

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.1	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: 19.398 ng

RT: 9.89 min Scan# 1123

Delta R.T. -0.04 min

Lab File: BG033991.D

Acq: 25 Apr 2018 17:52

Instrument :

BNA_G

ClientSampleId :

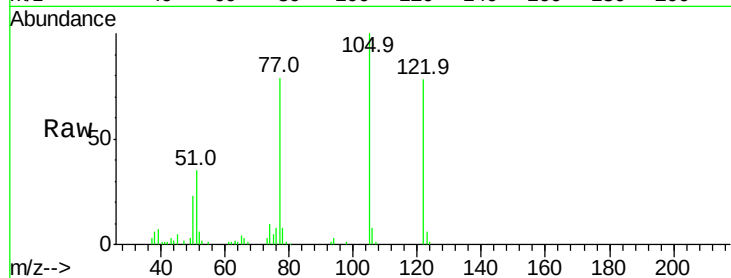
Tot Ion:122 Resp: 68487

Ion Ratio Lower Upper

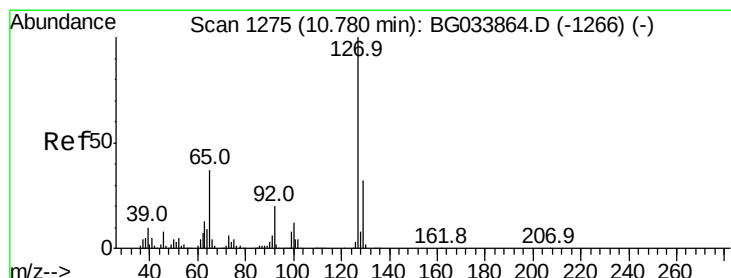
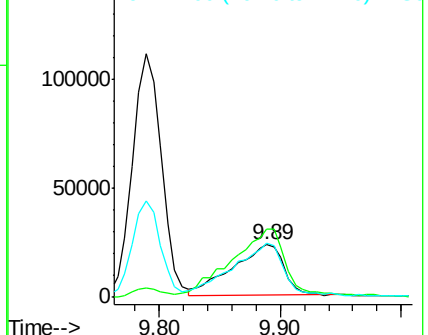
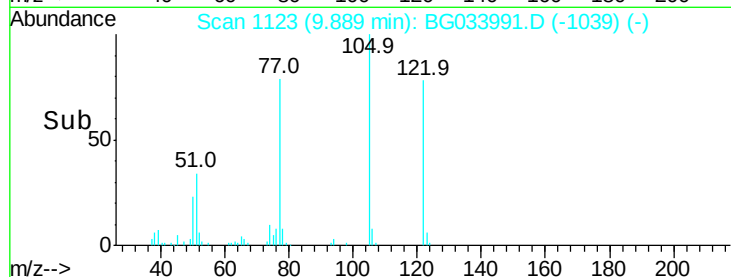
122 100

105 128.9 123.5 163.5

77 101.6 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): BGC



#33

4-Chloroaniline

Concen: 21.683 ng

RT: 10.77 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BG033991.D

Acq: 25 Apr 2018 17:52

Tgt Ion:127 Resp: 158961

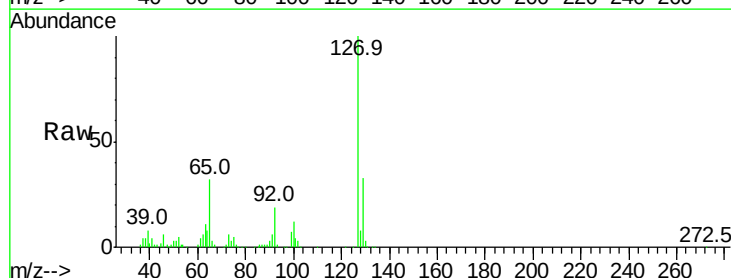
Ion Ratio Lower Upper

127 100

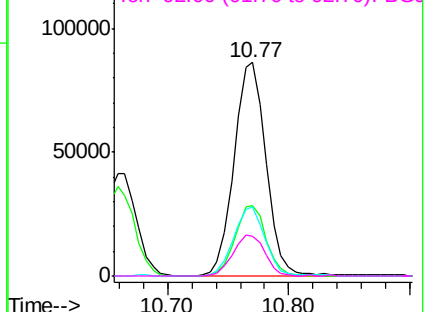
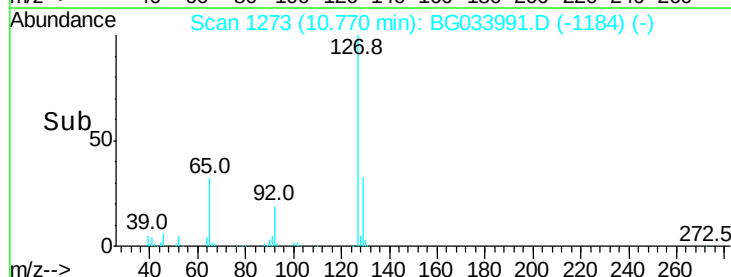
129 33.1 24.0 36.0

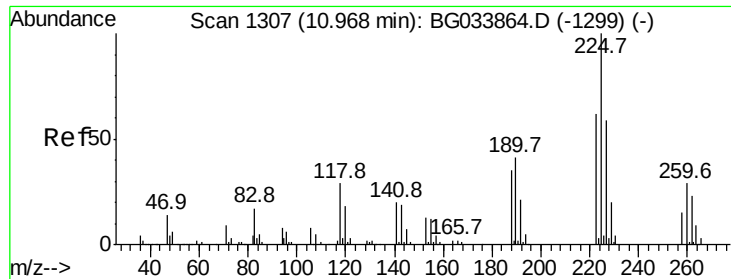
65 32.5 27.0 40.4

92 18.7 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): BGC
Ion 92.00 (91.70 to 92.70): BGC

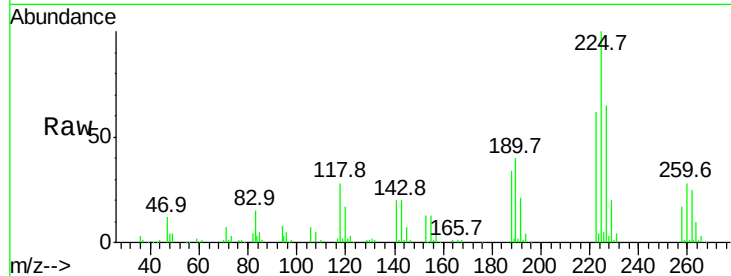




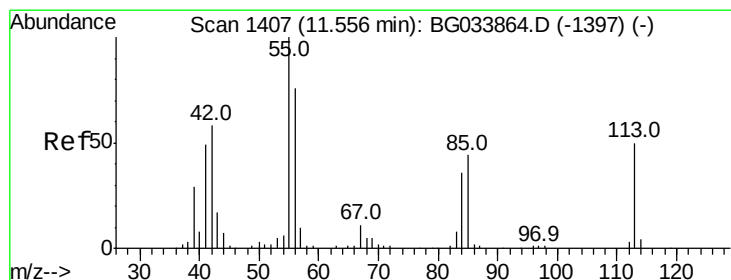
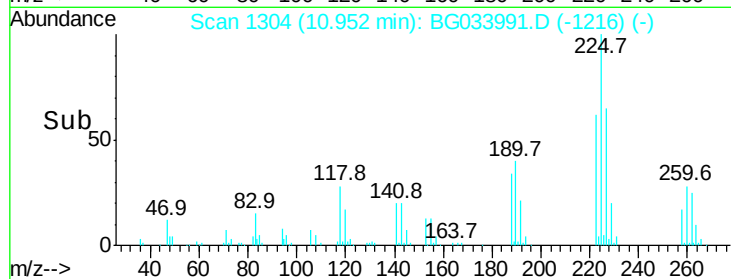
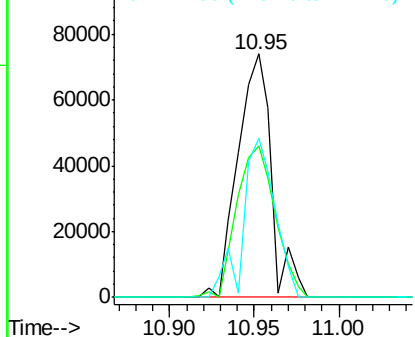
#34
Hexachlorobutadiene
Concen: 31.842 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BG033991.D
Acq: 25 Apr 2018 17:52

Instrument :
BNA_G
ClientSampled :

Tot Ion:225 Resp: 102082
Ion Ratio Lower Upper
225 100
223 62.6 49.7 74.5
227 65.0 48.1 72.1

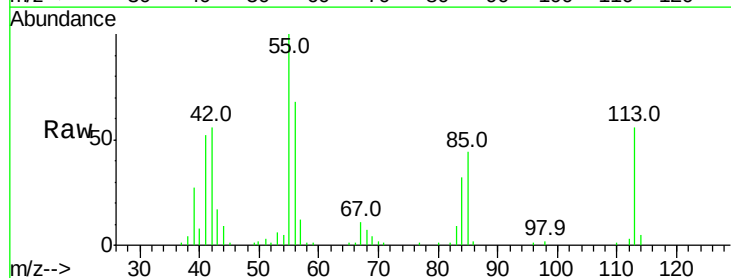


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

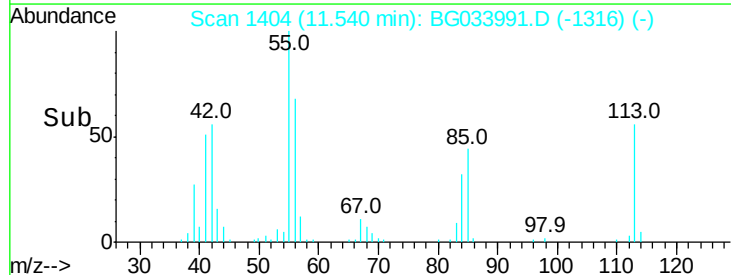
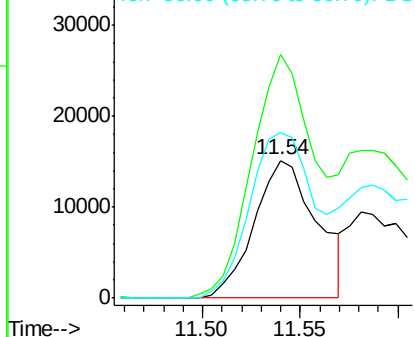


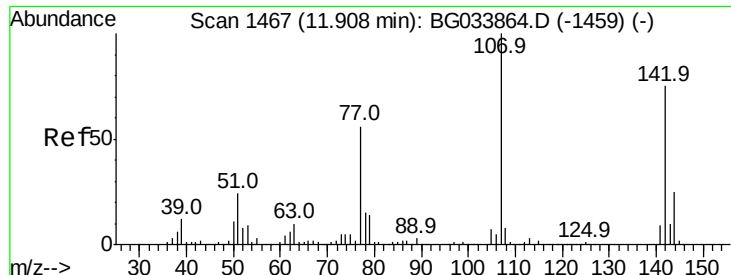
#35
Caprolactam
Concen: 16.596 ng
RT: 11.54 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BG033991.D
Acq: 25 Apr 2018 17:52

Tgt Ion:113 Resp: 33761
Ion Ratio Lower Upper
113 100
55 177.1 186.9 226.9#
56 120.7 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BG0
Ion 56.00 (55.70 to 56.70): BG0

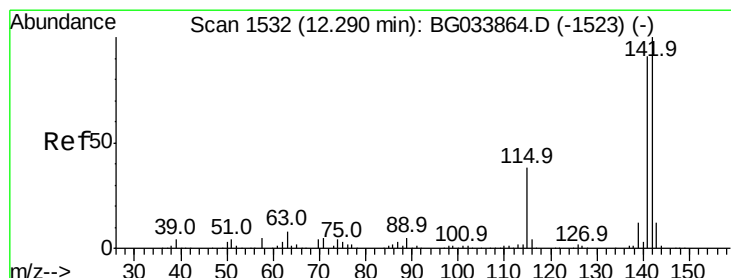
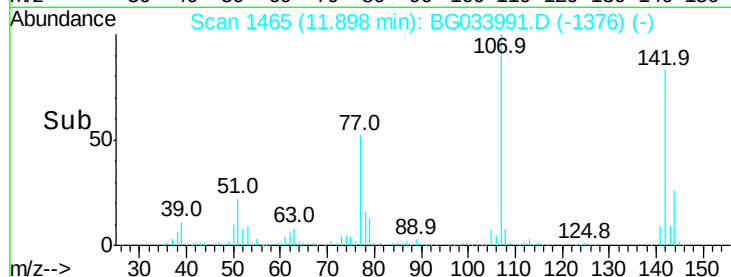
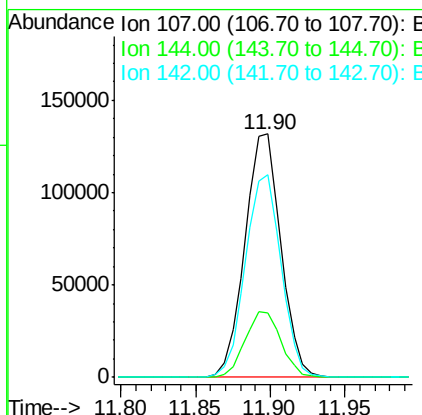
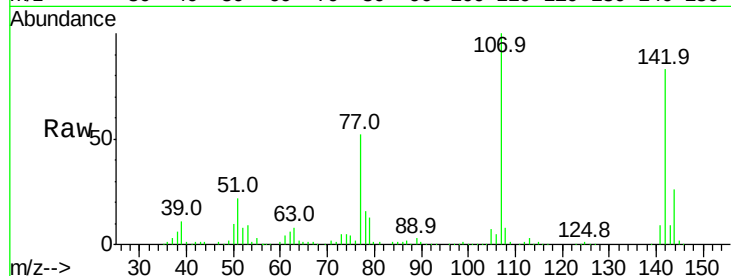




#36
 4-Chloro-3-methylphenol
 Concen: 37.631 ng
 RT: 11.90 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BG033991.D
 Acq: 25 Apr 2018 17:52

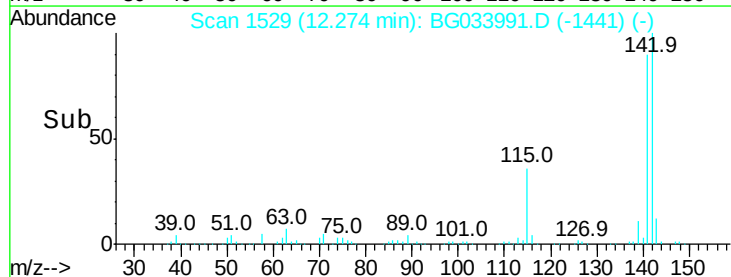
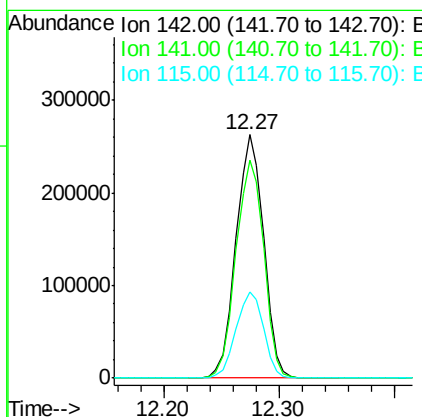
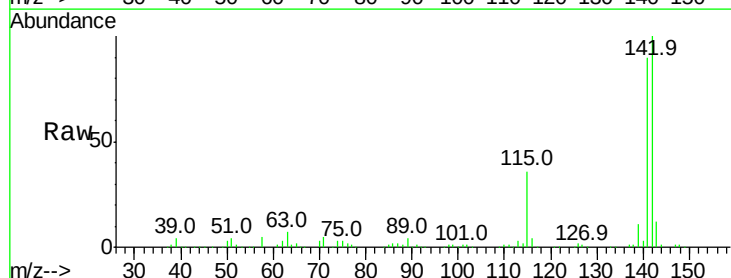
Instrument :
 BNA_G
 ClientSampleId :

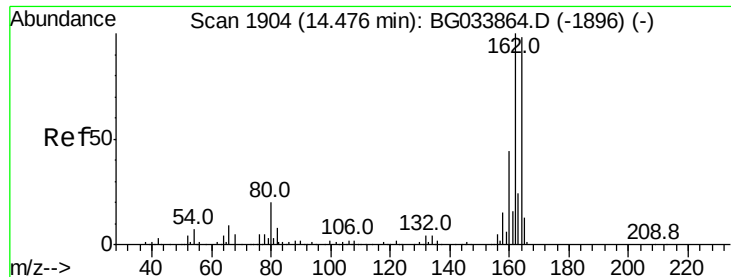
Tot Ion:107 Resp: 219756
 Ion Ratio Lower Upper
 107 100
 144 26.4 18.2 27.4
 142 83.3 59.0 88.4



#37
 2-Methylnaphthalene
 Concen: 36.256 ng
 RT: 12.27 min Scan# 1529
 Delta R.T. -0.02 min
 Lab File: BG033991.D
 Acq: 25 Apr 2018 17:52

Tgt Ion:142 Resp: 432937
 Ion Ratio Lower Upper
 142 100
 141 89.5 67.1 100.7
 115 35.5 30.7 46.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.46 min Scan# 1901

Delta R.T. -0.02 min

Lab File: BG033991.D

Acq: 25 Apr 2018 17:52

Instrument :

BNA_G

ClientSampleId :

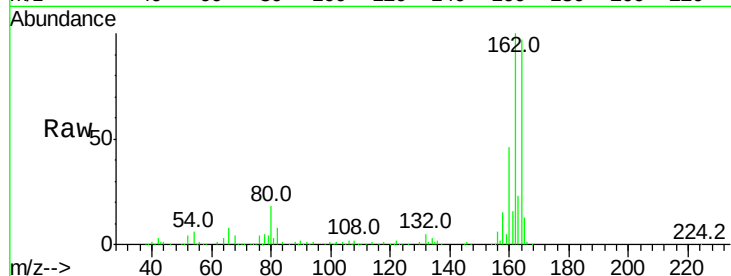
Tot Ion:164 Resp: 210451

Ion Ratio Lower Upper

164 100

162 102.9 78.8 118.2

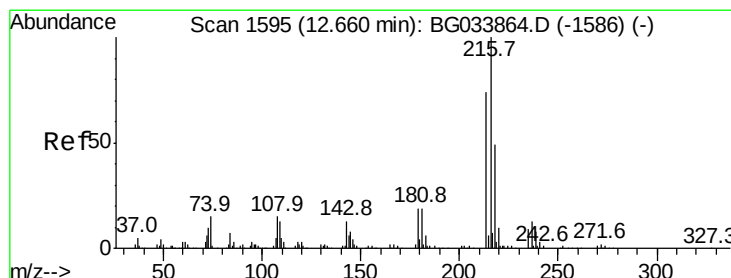
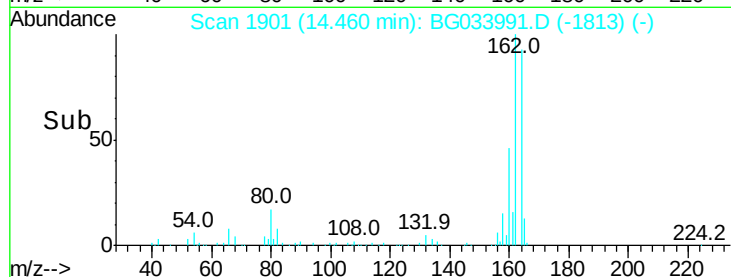
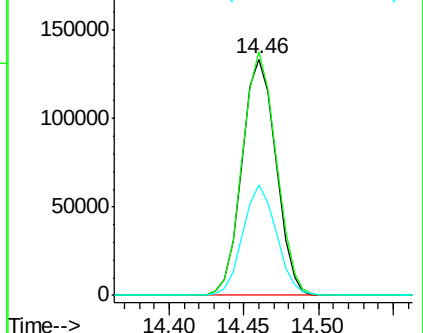
160 46.9 35.4 53.0



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: 36.563 ng

RT: 12.64 min Scan# 1592

Delta R.T. -0.02 min

Lab File: BG033991.D

Acq: 25 Apr 2018 17:52

Tgt Ion:216 Resp: 255509

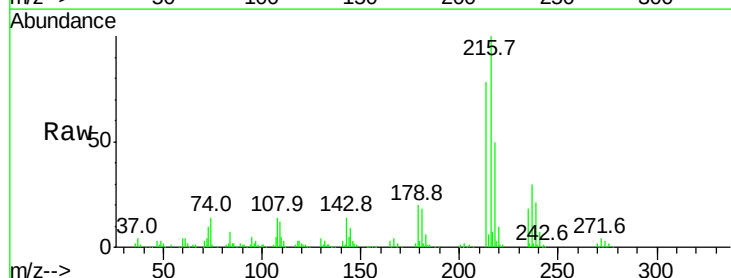
Ion Ratio Lower Upper

216 100

214 77.4 63.0 94.4

179 19.3 17.0 25.6

108 16.9 12.8 19.2

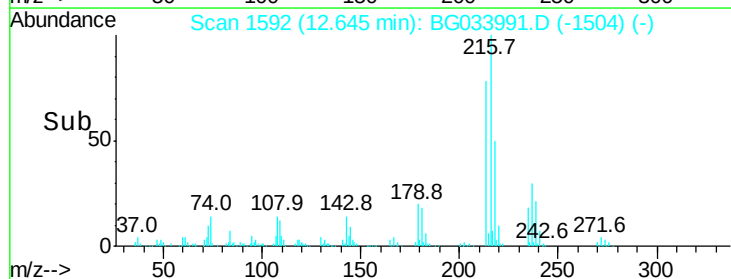
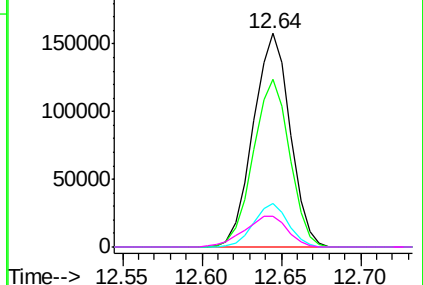


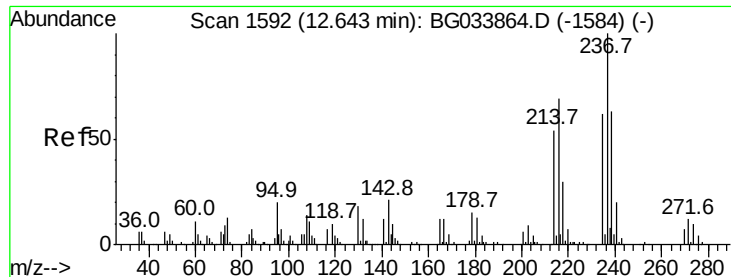
Abundance Ion 216.00 (215.70 to 216.70): E

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: 80.609 ng

RT: 12.63 min Scan# 1589

Delta R.T. -0.02 min

Lab File: BG033991.D

Acq: 25 Apr 2018 17:52

Instrument :

BNA_G

ClientSampleId :

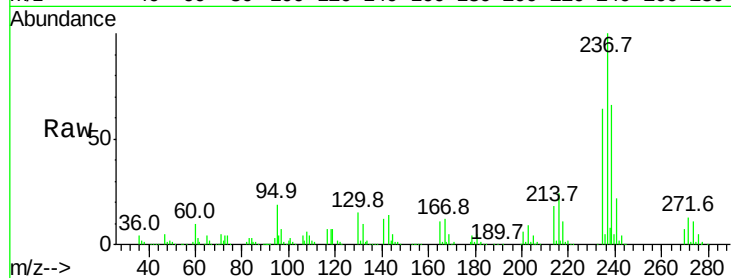
Tot Ion:237 Resp: 309737

Ion Ratio Lower Upper

237 100

235 64.3 50.4 90.4

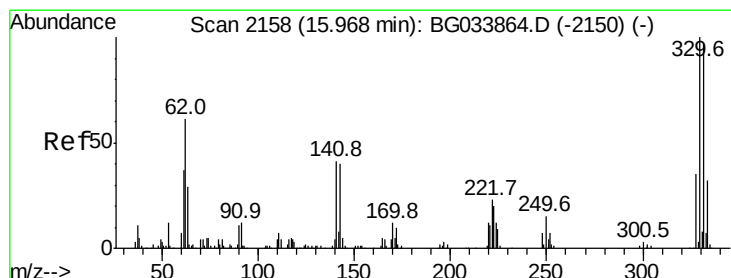
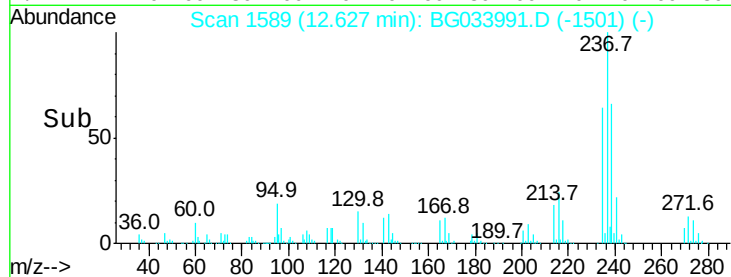
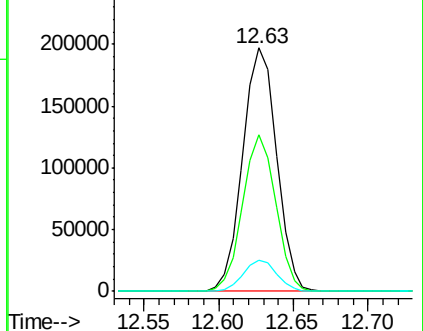
272 12.7 0.0 31.8



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: 144.936 ng

RT: 15.95 min Scan# 2155

Delta R.T. -0.02 min

Lab File: BG033991.D

Acq: 25 Apr 2018 17:52

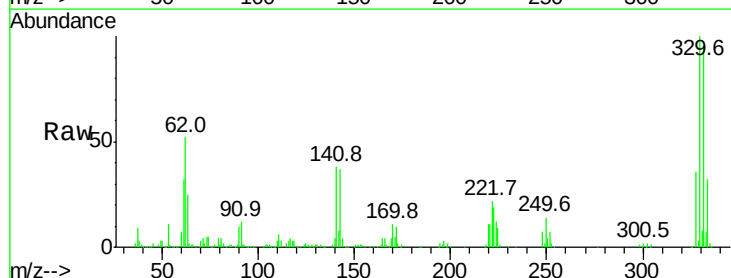
Tgt Ion:330 Resp: 355853

Ion Ratio Lower Upper

330 100

332 95.6 77.0 115.6

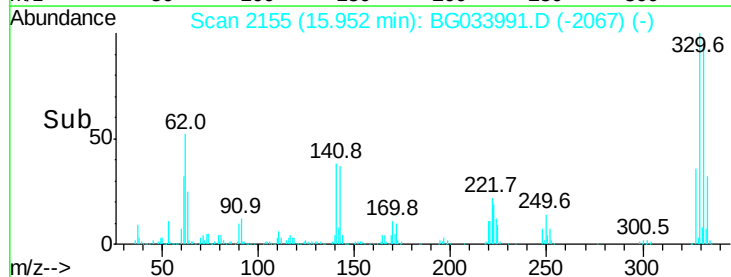
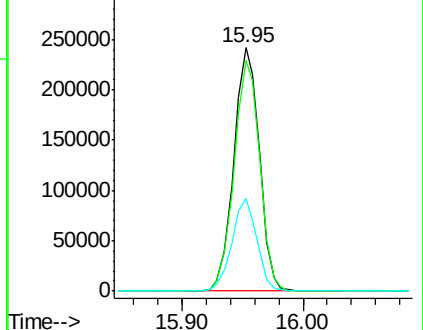
141 37.3 25.2 37.8

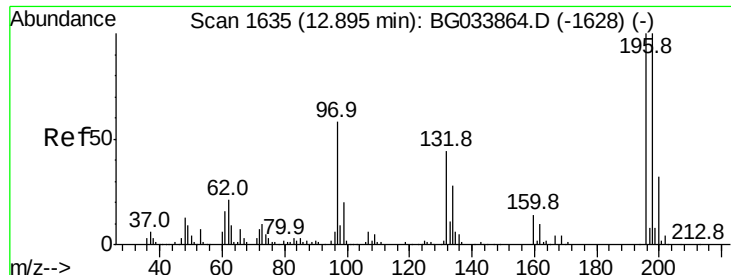


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

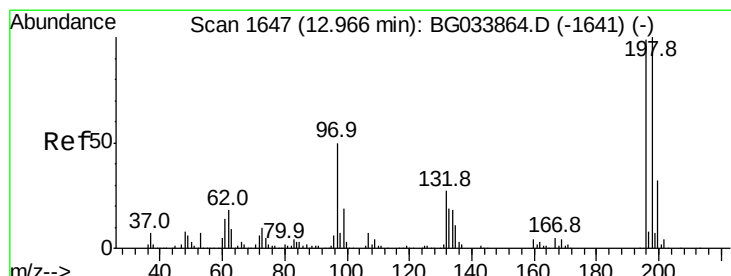
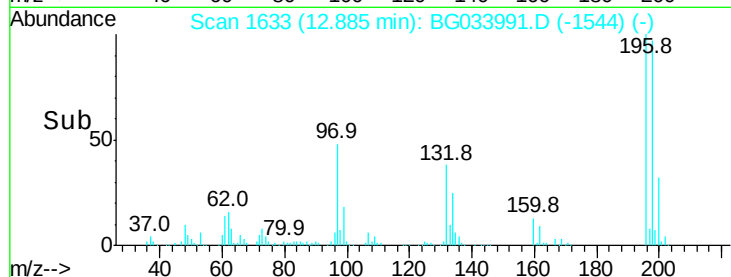
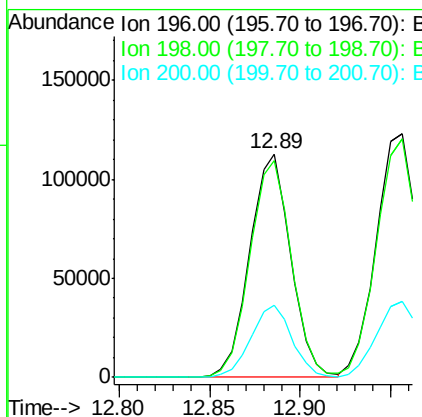
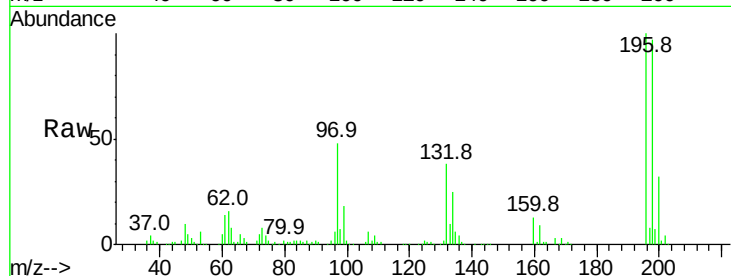




#42
2,4,6-Trichlorophenol
Concen: 42.017 ng
RT: 12.89 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BG033991.D
Acq: 25 Apr 2018 17:52

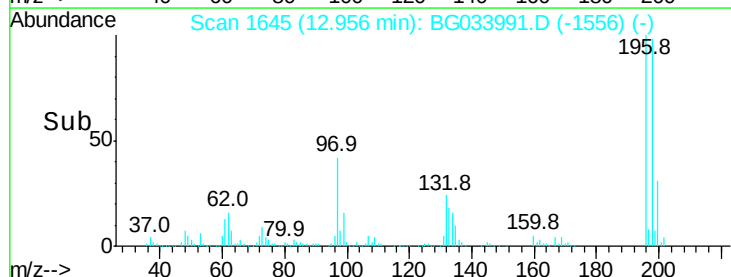
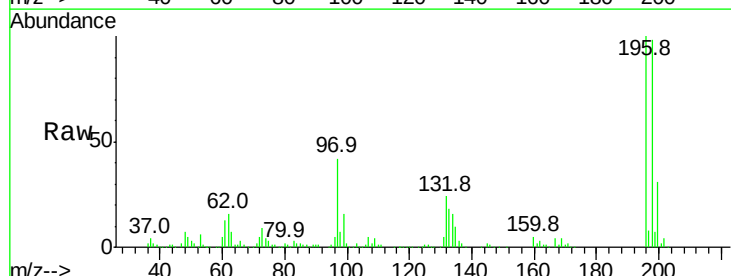
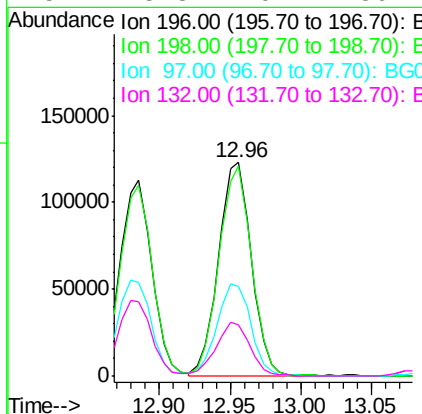
Instrument :
BNA_G
ClientSampleId :

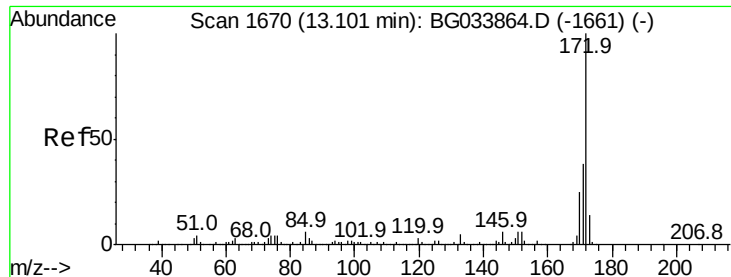
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.1	78.2	117.2
200	34.1	24.6	36.8



#43
2,4,5-Trichlorophenol
Concen: 40.867 ng
RT: 12.96 min Scan# 1645
Delta R.T. -0.01 min
Lab File: BG033991.D
Acq: 25 Apr 2018 17:52

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.1	76.2	114.4
97	42.2	38.7	58.1
132	23.8	20.2	30.2





#44

2-Fluorobiphenyl

Concen: 76.902 ng

RT: 13.09 min Scan# 1667

Delta R.T. -0.02 min

Lab File: BG033991.D

Acq: 25 Apr 2018 17:52

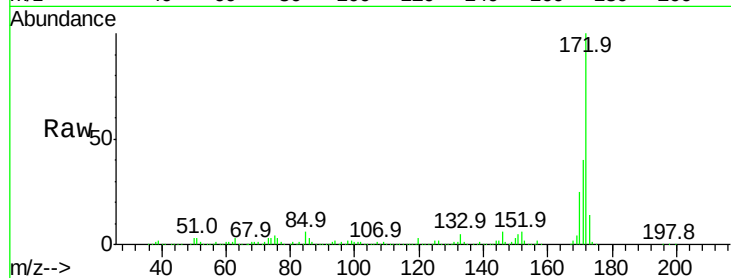
Instrument :

BNA_G

ClientSampleId :

Tot Ion:172 Resp: 1101696

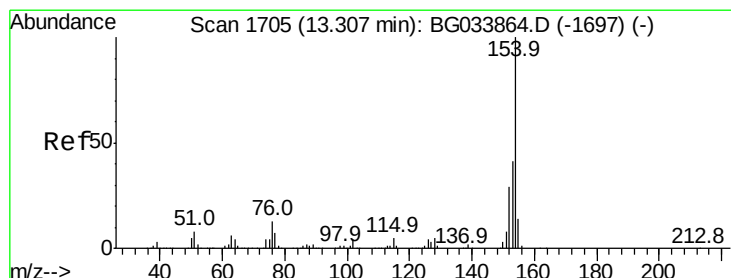
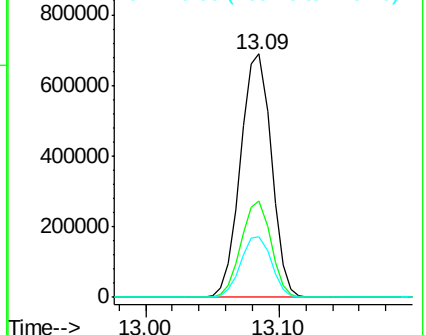
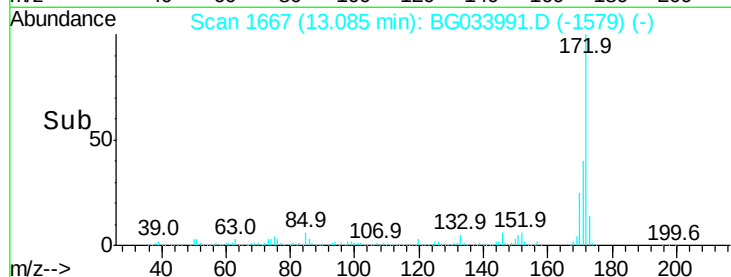
Ion	Ratio	Lower	Upper
172	100		
171	39.6	30.0	45.0
170	24.8	19.5	29.3



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: 34.745 ng

RT: 13.29 min Scan# 1702

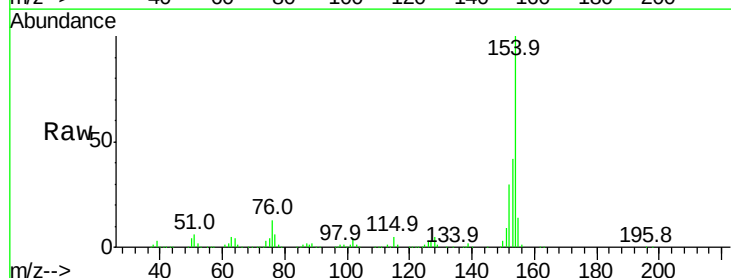
Delta R.T. -0.02 min

Lab File: BG033991.D

Acq: 25 Apr 2018 17:52

Tgt Ion:154 Resp: 591911

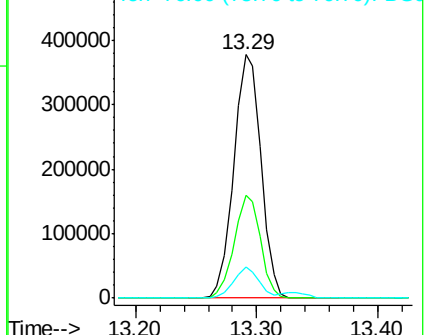
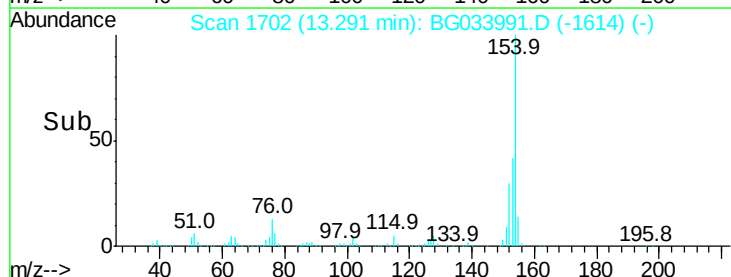
Ion	Ratio	Lower	Upper
154	100		
153	42.0	19.8	59.8
76	12.6	0.0	31.9

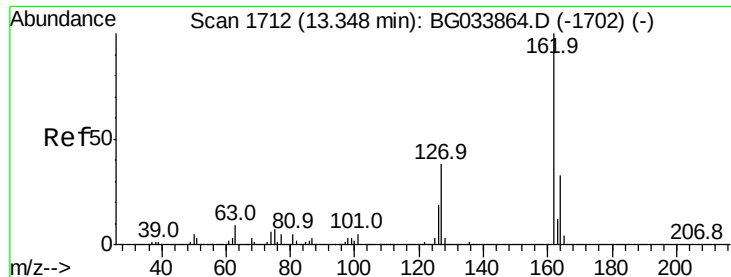


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

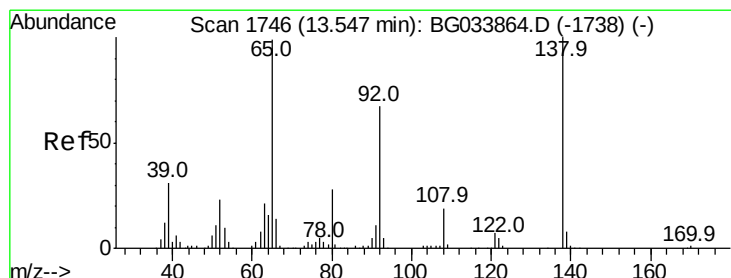
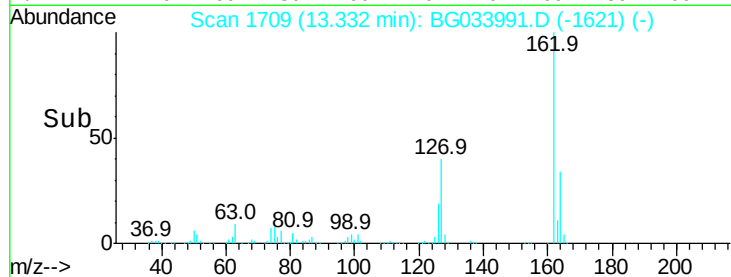
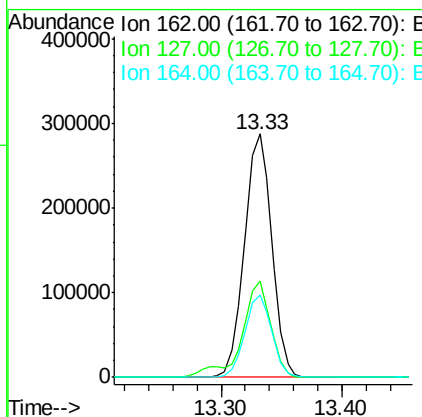
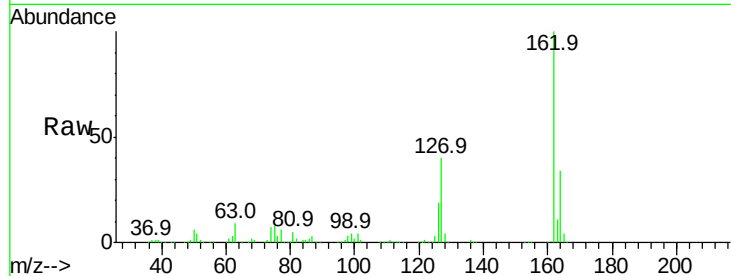




#46
 2-Chloronaphthalene
 Concen: 35.139 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. -0.02 min
 Lab File: BG033991.D
 Acq: 25 Apr 2018 17:52

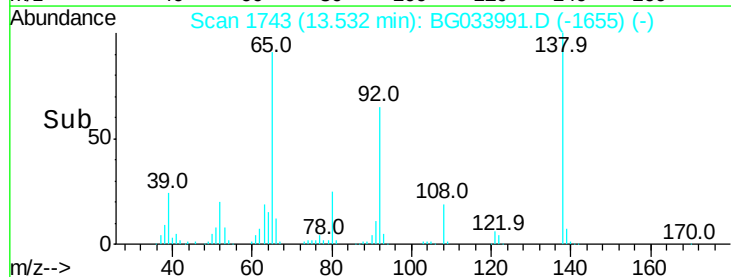
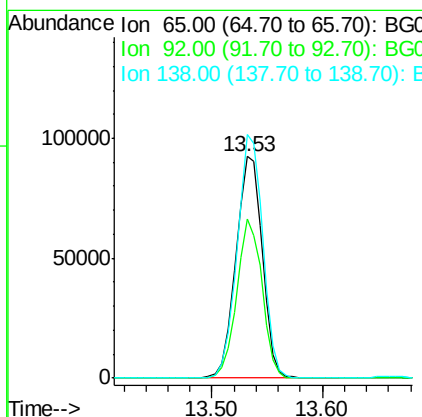
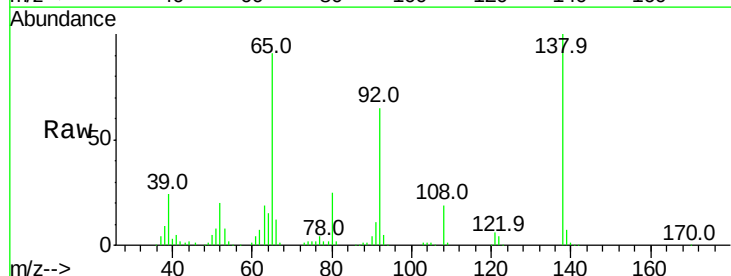
Instrument :
 BNA_G
 ClientSampleId :

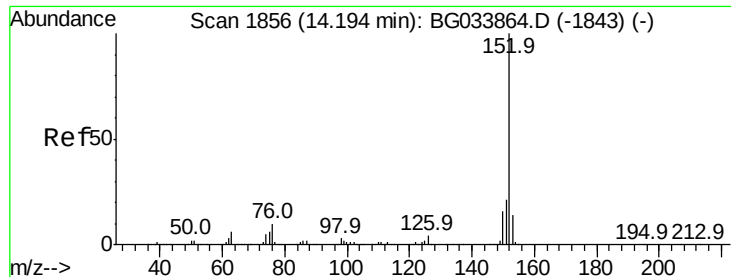
Tot Ion:162 Resp: 453904
 Ion Ratio Lower Upper
 162 100
 127 39.7 30.7 46.1
 164 33.6 26.0 39.0



#47
 2-Nitroaniline
 Concen: 38.482 ng
 RT: 13.53 min Scan# 1743
 Delta R.T. -0.02 min
 Lab File: BG033991.D
 Acq: 25 Apr 2018 17:52

Tgt Ion: 65 Resp: 155206
 Ion Ratio Lower Upper
 65 100
 92 71.7 54.6 82.0
 138 109.9 72.9 109.3#





#48

Acenaphthylene

Concen: 33.803 ng

RT: 14.18 min Scan# 1853

Delta R.T. -0.02 min

Lab File: BG033991.D

Acq: 25 Apr 2018 17:52

Instrument :

BNA_G

ClientSampleId :

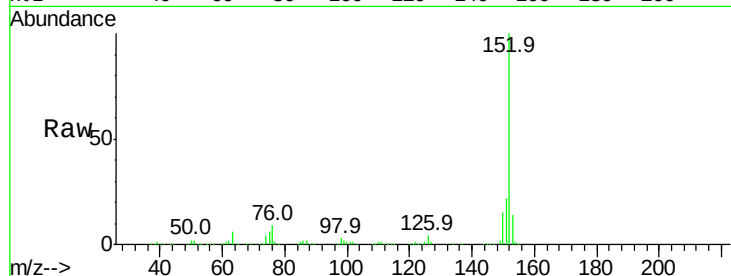
Tot Ion:152 Resp: 725816

Ion Ratio Lower Upper

152 100

151 21.8 17.2 25.8

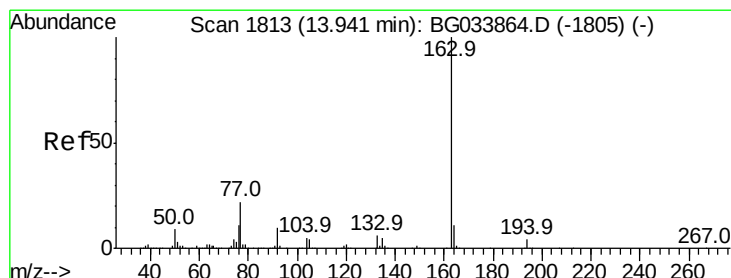
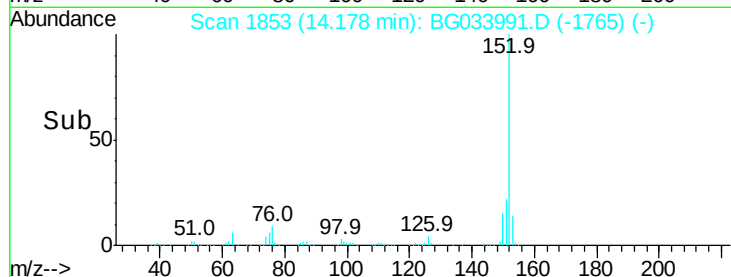
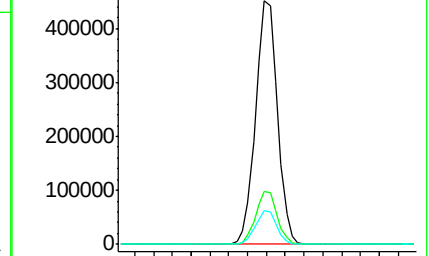
153 13.8 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 38.445 ng

RT: 13.93 min Scan# 1810

Delta R.T. -0.02 min

Lab File: BG033991.D

Acq: 25 Apr 2018 17:52

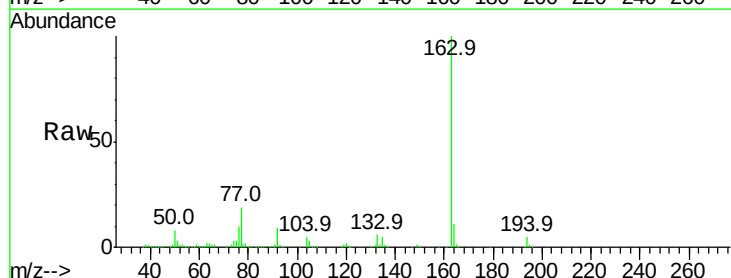
Tgt Ion:163 Resp: 711704

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

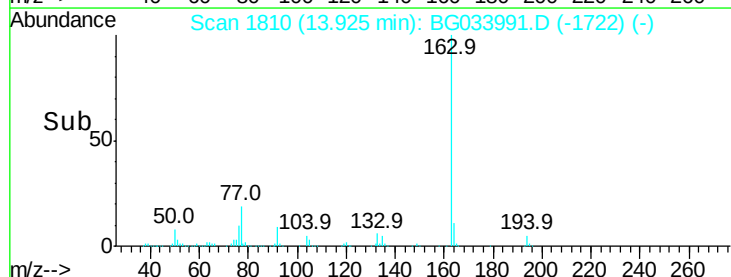
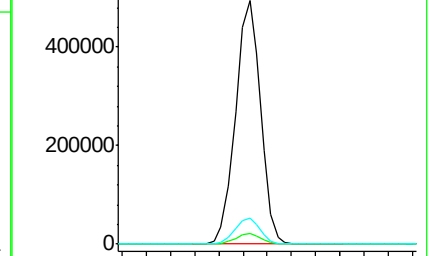
164 10.6 8.2 12.4

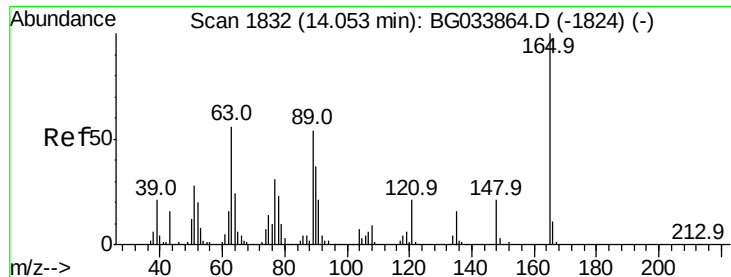


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

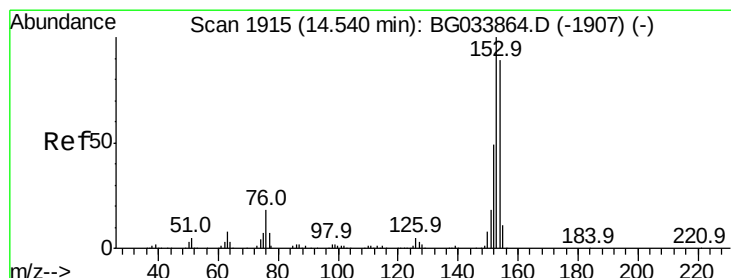
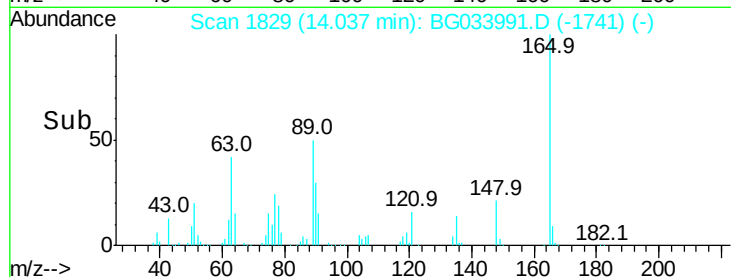
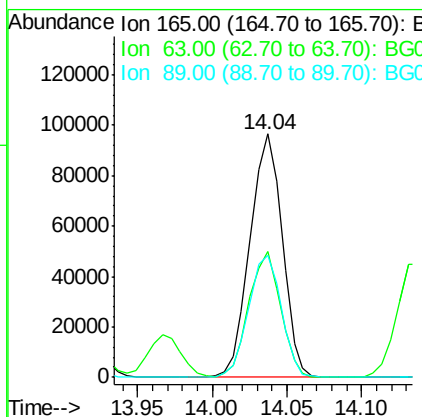
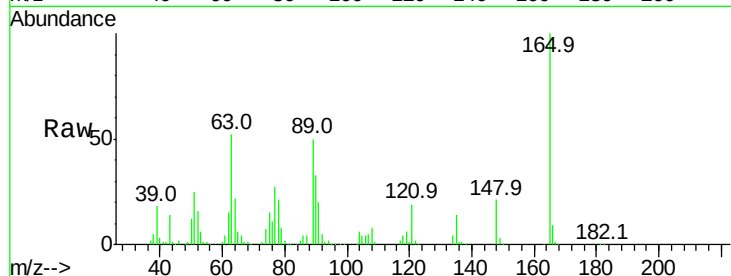




#50
 2,6-Dinitrotoluene
 Concen: 41.041 ng
 RT: 14.04 min Scan# 1829
 Delta R.T. -0.02 min
 Lab File: BG033991.D
 Acq: 25 Apr 2018 17:52

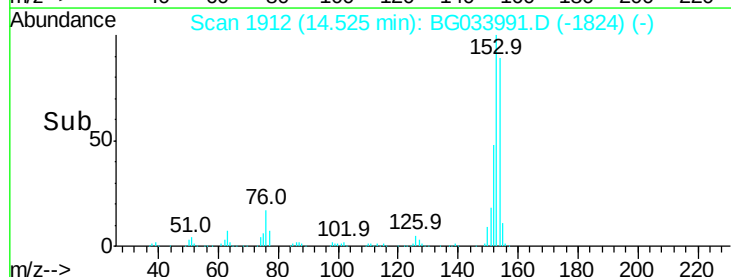
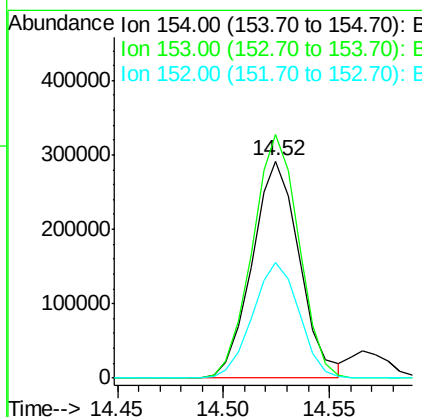
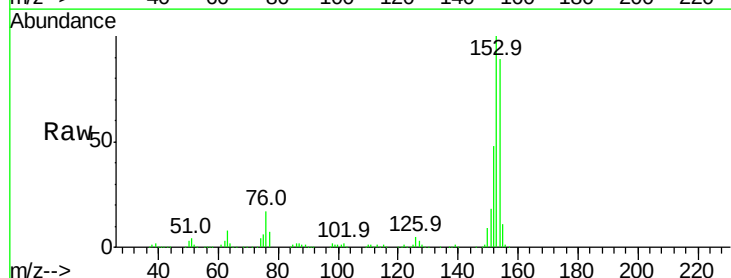
Instrument :
 BNA_G
 ClientSampleId :

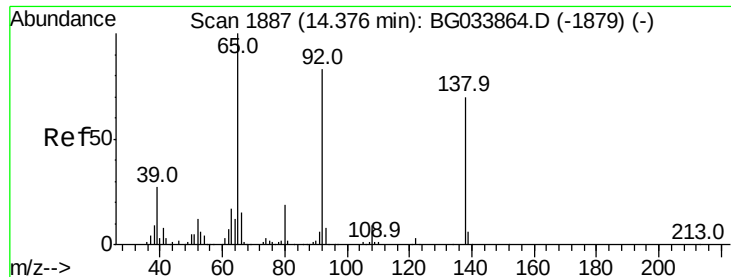
Tot Ion:165 Resp: 143982
 Ion Ratio Lower Upper
 165 100
 63 51.7 52.7 79.1#
 89 50.3 49.2 73.8



#51
 Acenaphthene
 Concen: 33.596 ng
 RT: 14.52 min Scan# 1912
 Delta R.T. -0.02 min
 Lab File: BG033991.D
 Acq: 25 Apr 2018 17:52

Tgt Ion:154 Resp: 453162
 Ion Ratio Lower Upper
 154 100
 153 112.3 90.4 135.6
 152 53.3 41.6 62.4





#52

3-Nitroaniline

Concen: 32.407 ng

RT: 14.37 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BG033991.D

Acq: 25 Apr 2018 17:52

Instrument :

BNA_G

ClientSampled :

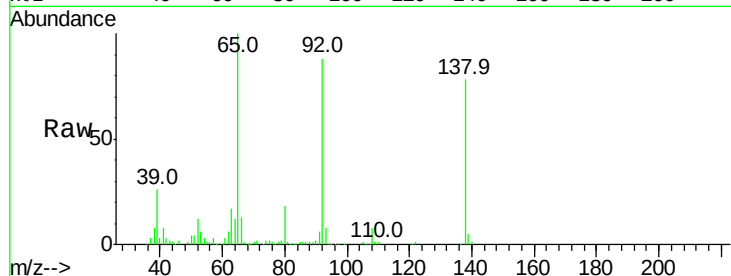
Tot Ion:138 Resp: 123452

Ion Ratio Lower Upper

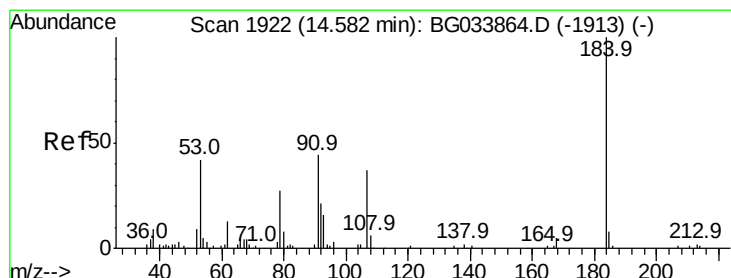
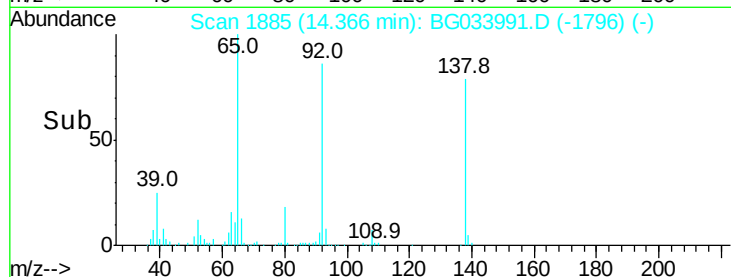
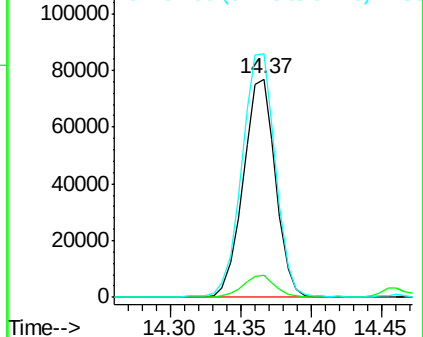
138 100

108 10.1 17.5 26.3#

92 111.7 105.8 158.8



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): B



#53

2,4-Dinitrophenol

Concen: 77.034 ng

RT: 14.57 min Scan# 1919

Delta R.T. -0.02 min

Lab File: BG033991.D

Acq: 25 Apr 2018 17:52

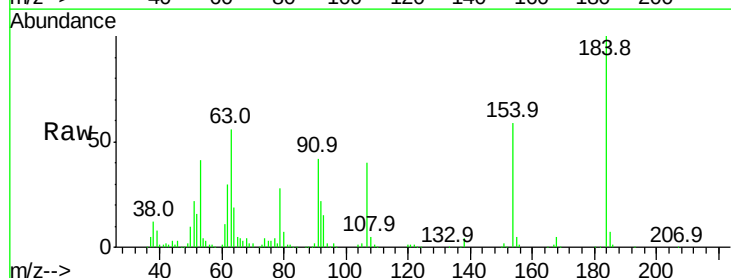
Tgt Ion:184 Resp: 96650

Ion Ratio Lower Upper

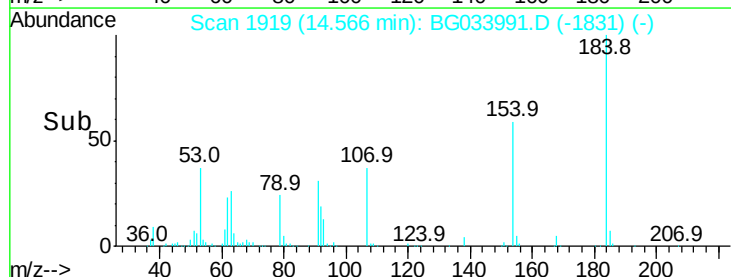
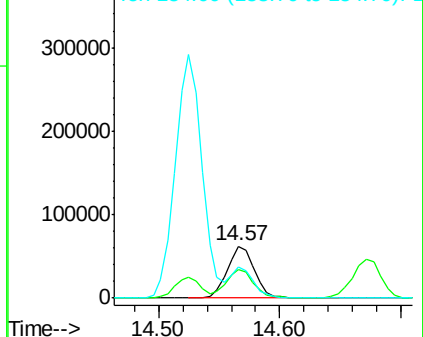
184 100

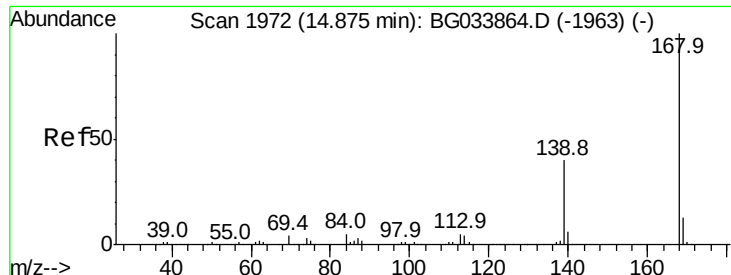
63 55.9 59.8 89.8#

154 59.1 101.8 152.8#



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





#54

Dibenzofuran

Concen: 36.248 ng

RT: 14.86 min Scan# 1969

Delta R.T. -0.02 min

Lab File: BG033991.D

Acq: 25 Apr 2018 17:52

Instrument :

BNA_G

ClientSampleId :

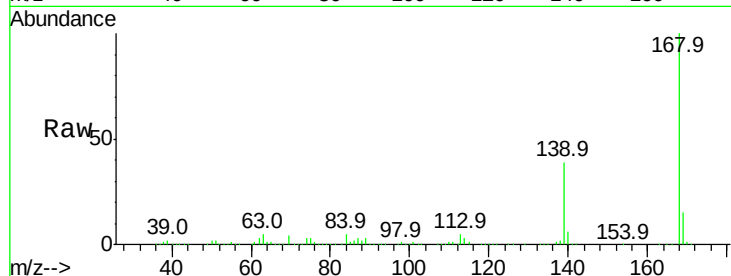
Tot Ion:168 Resp: 724859

Ion Ratio Lower Upper

168 100

139 39.0 28.6 43.0

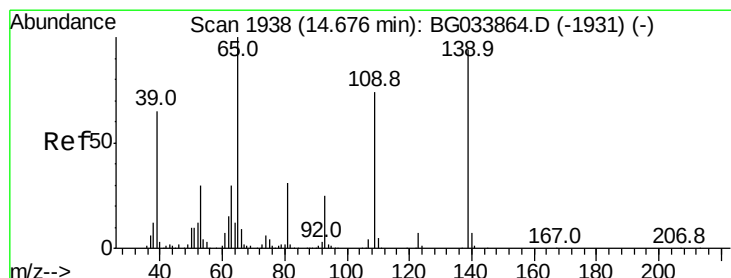
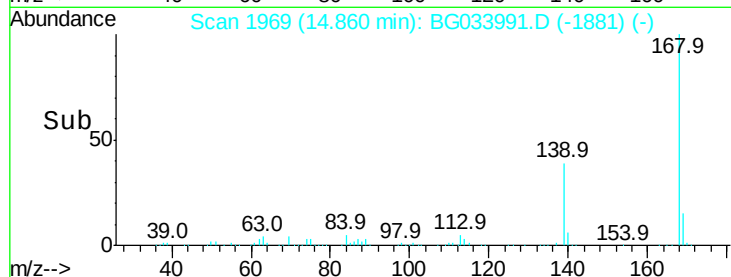
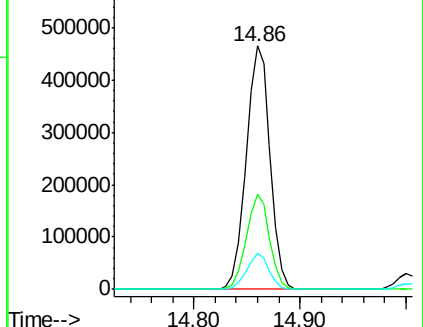
169 14.8 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 86.397 ng

RT: 14.68 min Scan# 1938

Delta R.T. 0.00 min

Lab File: BG033991.D

Acq: 25 Apr 2018 17:52

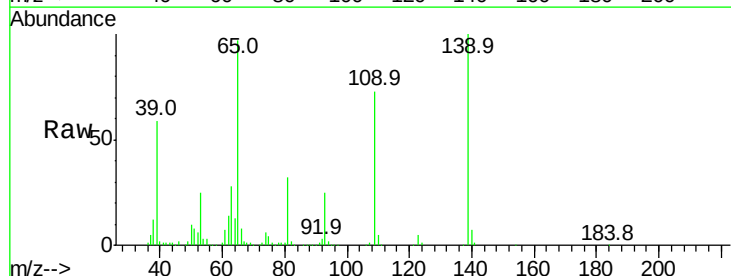
Tgt Ion:139 Resp: 258126

Ion Ratio Lower Upper

139 100

109 73.5 62.2 102.2

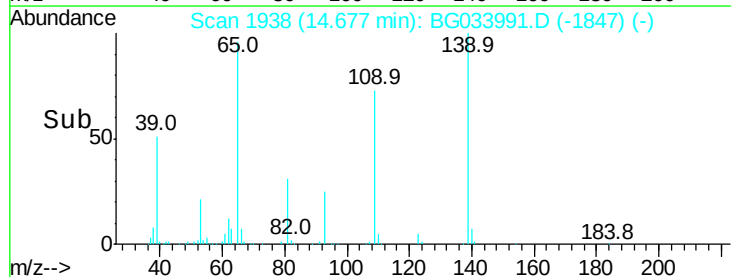
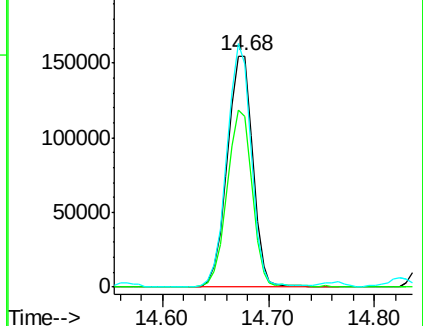
65 96.7 97.2 137.2#

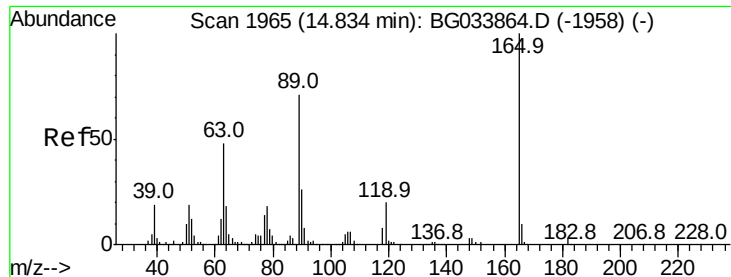


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

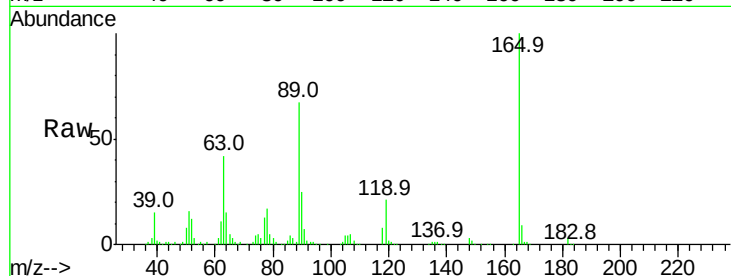




#56
 2,4-Dinitrotoluene
 Concen: 43.377 ng
 RT: 14.82 min Scan# 1963
 Delta R.T. -0.01 min
 Lab File: BG033991.D
 Acq: 25 Apr 2018 17:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	165	Resp:	202363
Ion	Ratio	Lower	Upper
165	100		
63	42.1	42.0	63.0
89	67.5	66.9	100.3
182	3.1	2.6	3.8

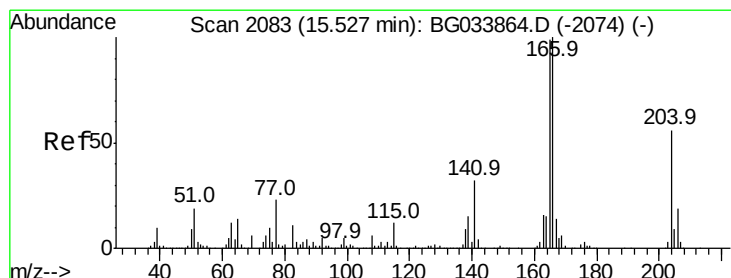
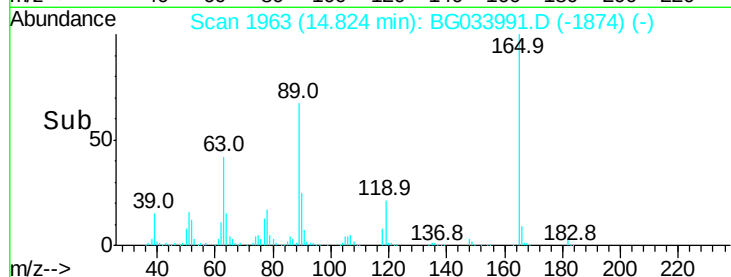
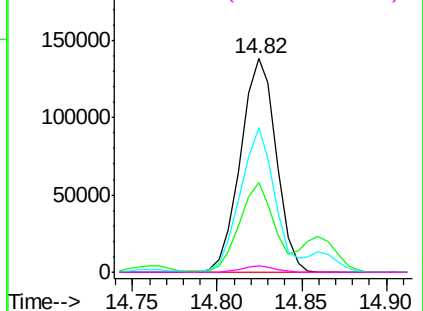


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

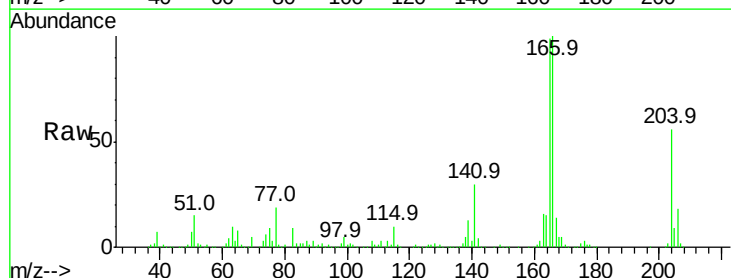
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#57
 Fluorene
 Concen: 34.974 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. -0.02 min
 Lab File: BG033991.D
 Acq: 25 Apr 2018 17:52

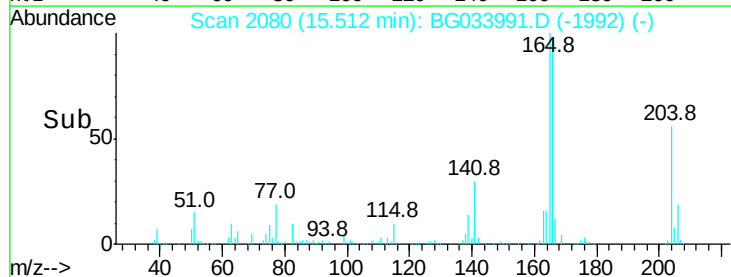
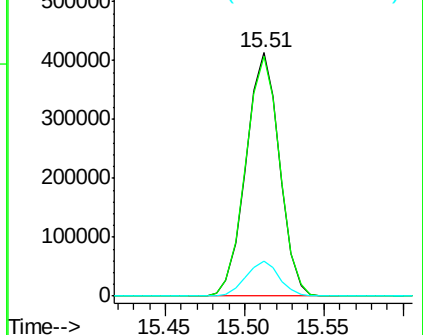
Tgt Ion:	166	Resp:	605220
Ion	Ratio	Lower	Upper
166	100		
165	98.6	80.6	121.0
167	14.3	10.4	15.6

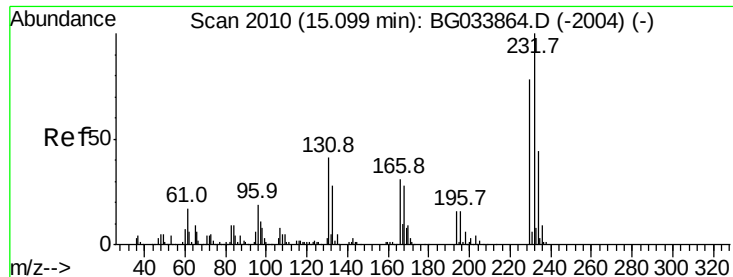


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

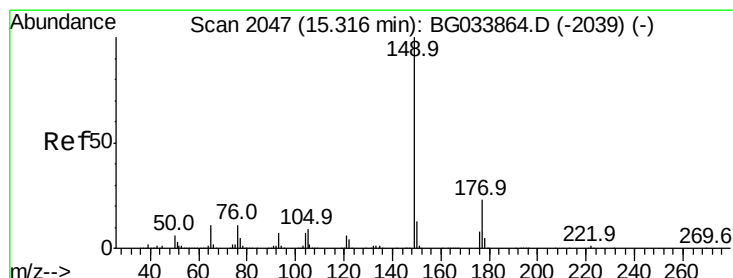
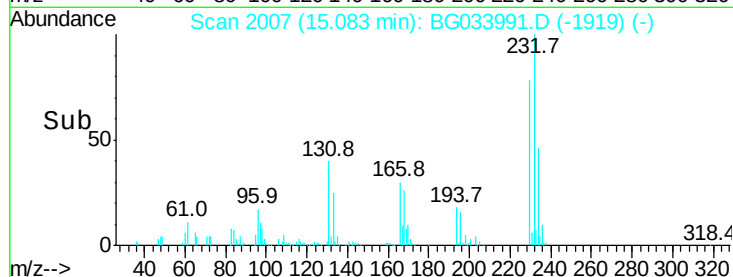
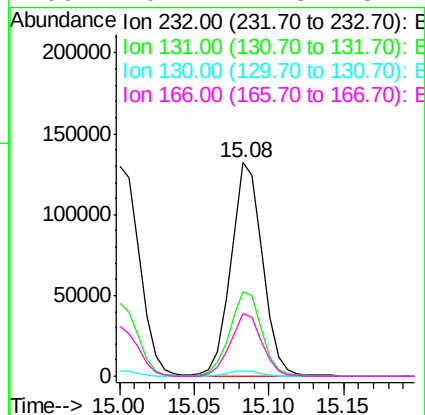
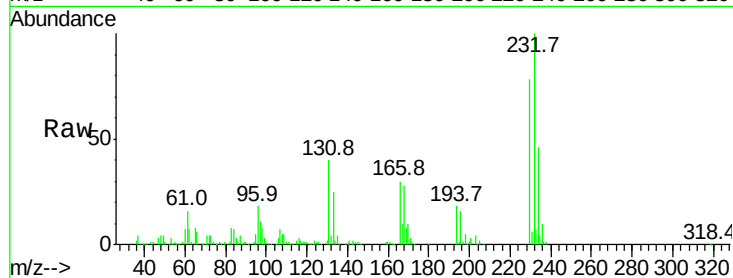




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.674 ng
 RT: 15.08 min Scan# 2007
 Delta R.T. -0.02 min
 Lab File: BG033991.D
 Acq: 25 Apr 2018 17:52

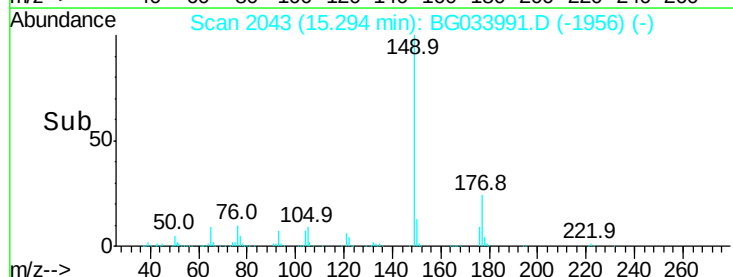
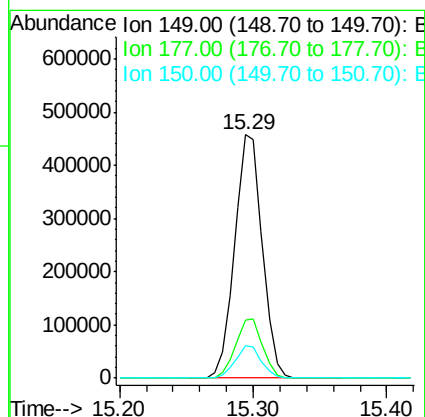
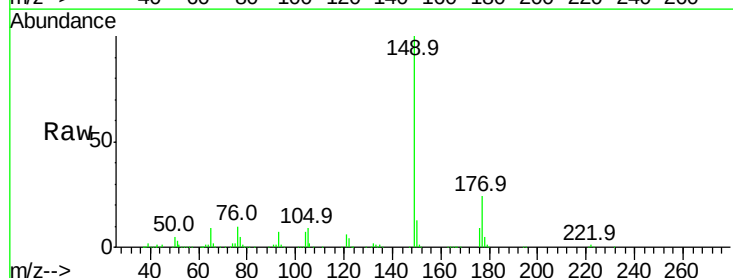
Instrument :
 BNA_G
 ClientSampleId :

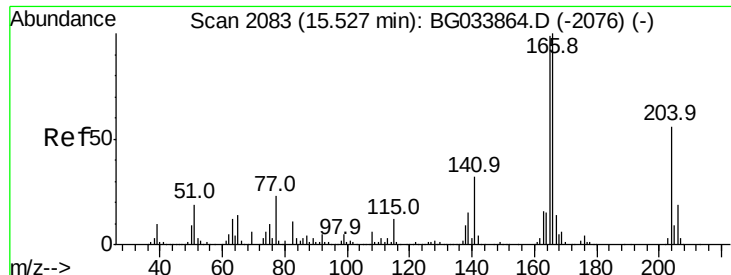
Tot Ion:	232	Resp:	195877
Ion	Ratio	Lower	Upper
232	100		
131	40.4	33.5	50.3
130	2.6	2.2	3.2
166	29.4	24.8	37.2



#59
 Diethylphthalate
 Concen: 33.477 ng
 RT: 15.29 min Scan# 2043
 Delta R.T. -0.02 min
 Lab File: BG033991.D
 Acq: 25 Apr 2018 17:52

Tgt Ion:	149	Resp:	655063
Ion	Ratio	Lower	Upper
149	100		
177	24.0	18.5	27.7
150	13.1	10.2	15.2

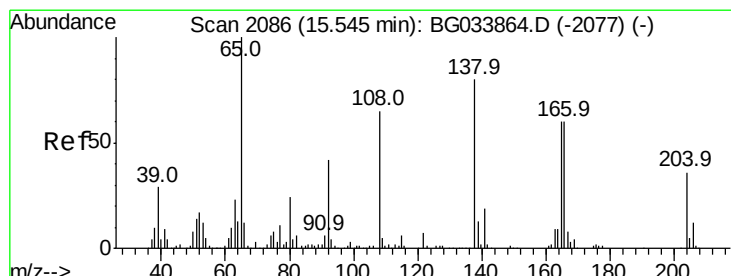
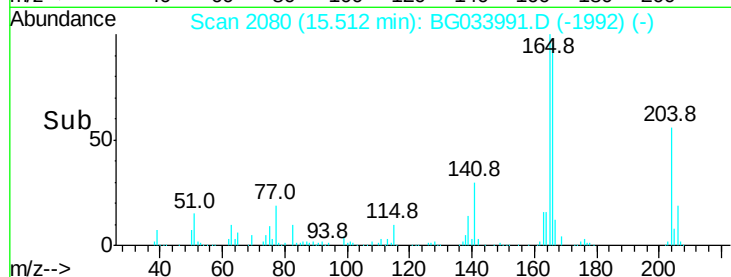
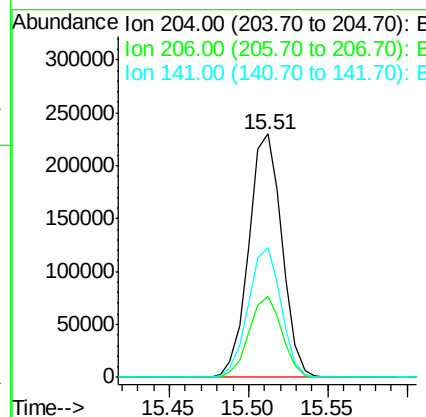
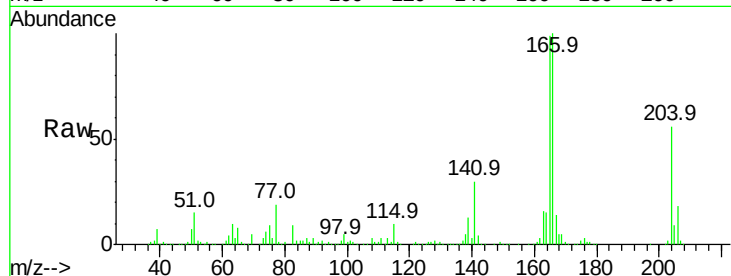




#60
4-Chlorophenyl-phenylether
Concen: 36.876 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.02 min
Lab File: BG033991.D
Acq: 25 Apr 2018 17:52

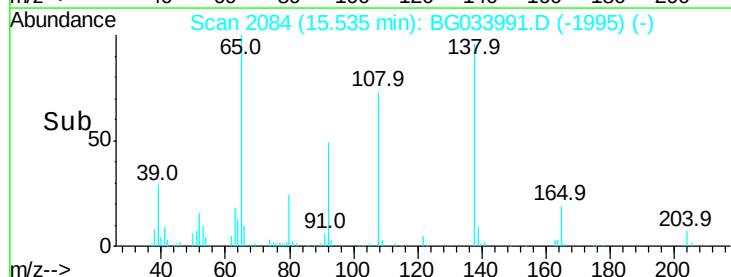
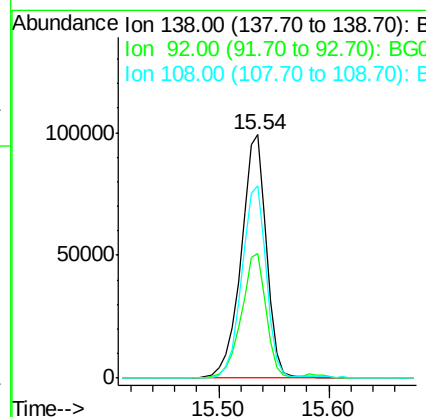
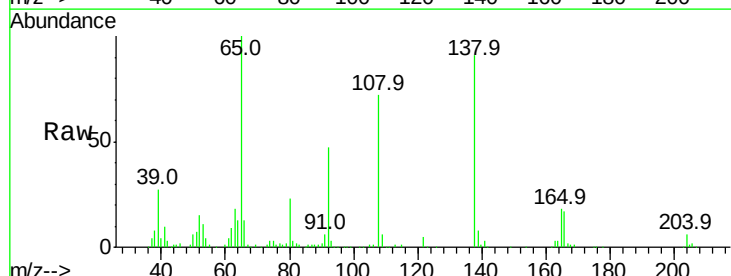
Instrument :
BNA_G
ClientSampled :

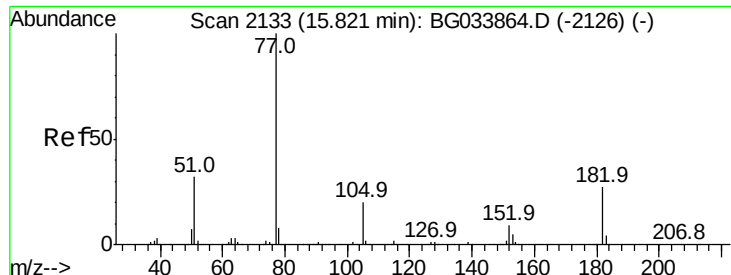
Tot Ion:204 Resp: 333773
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.2
141 53.5 45.8 68.6



#61
4-Nitroaniline
Concen: 39.412 ng
RT: 15.54 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BG033991.D
Acq: 25 Apr 2018 17:52

Tgt Ion:138 Resp: 159410
Ion Ratio Lower Upper
138 100
92 51.0 40.1 80.1
108 79.0 65.4 105.4

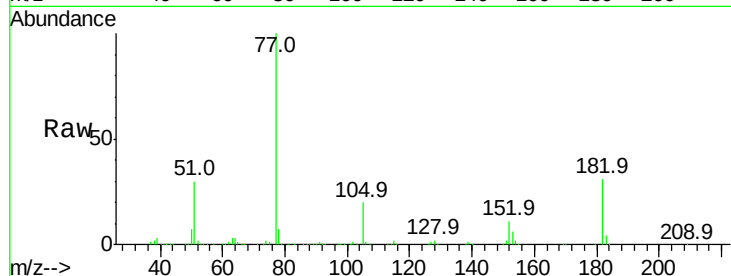




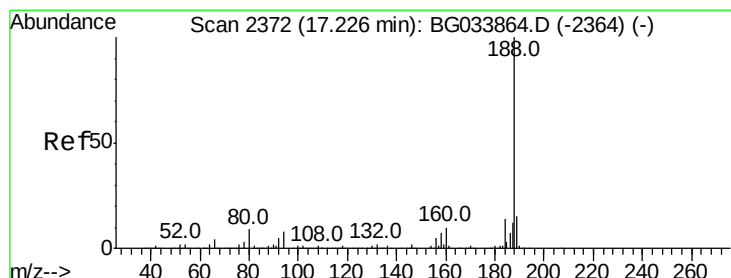
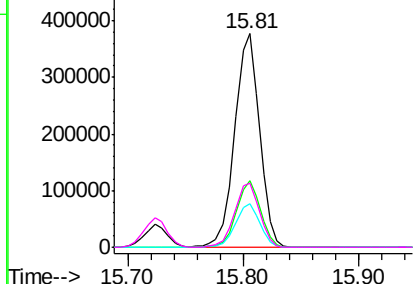
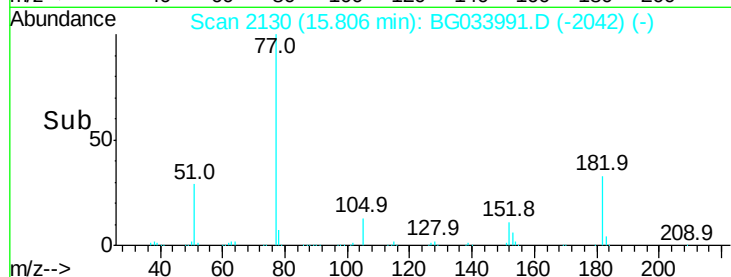
#62
Azobenzene
Concen: 32.129 ng
RT: 15.81 min Scan# 2130
Delta R.T. -0.02 min
Lab File: BG033991.D
Acq: 25 Apr 2018 17:52

Instrument :
BNA_G
ClientSampled :

Tot Ion: 77 Resp: 560424
Ion Ratio Lower Upper
77 100
182 31.2 7.4 47.4
105 20.4 0.3 40.3
51 30.3 11.6 51.6

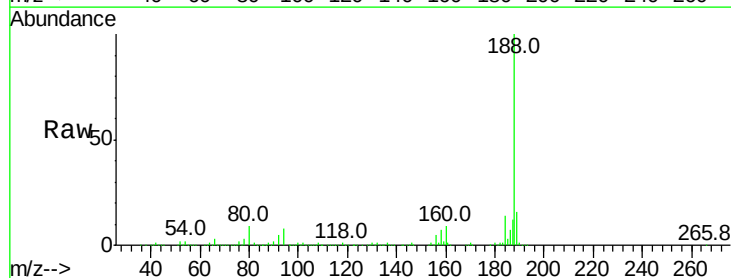


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

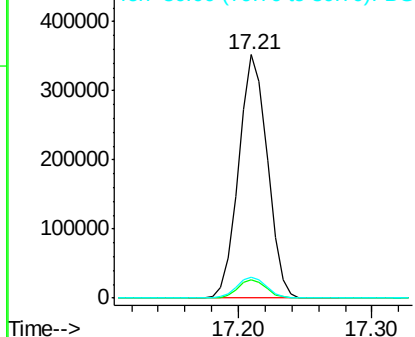
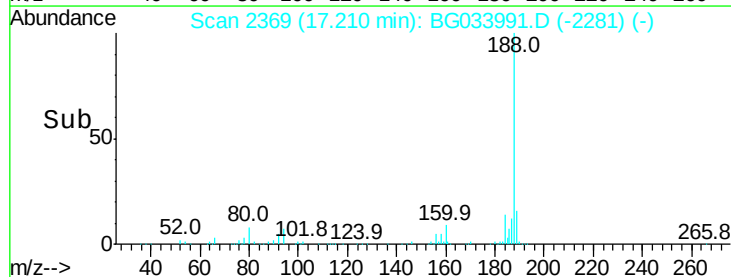


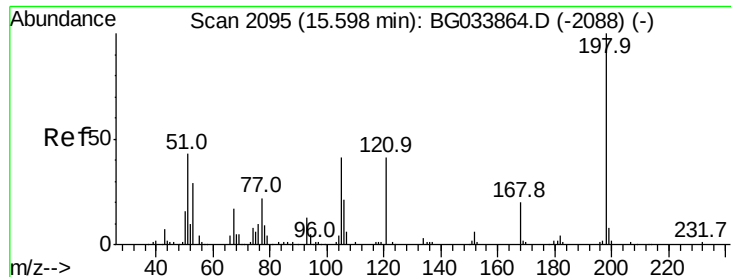
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2369
Delta R.T. -0.02 min
Lab File: BG033991.D
Acq: 25 Apr 2018 17:52

Tgt Ion: 188 Resp: 524008
Ion Ratio Lower Upper
188 100
94 7.8 6.9 10.3
80 8.5 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#64

4,6-Dinitro-2-methylphenol

Concen: 38.148 ng

RT: 15.59 min Scan# 2093

Delta R.T. -0.01 min

Lab File: BG033991.D

Acq: 25 Apr 2018 17:52

Instrument :

BNA_G

ClientSampleId :

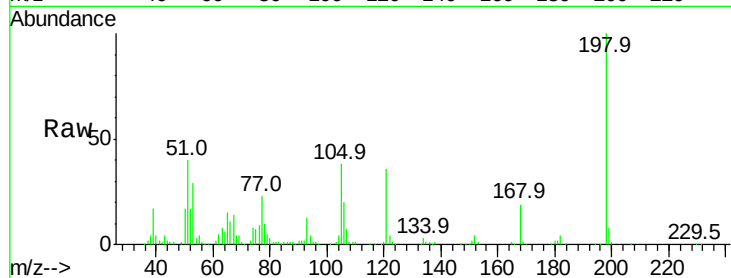
Tot Ion:198 Resp: 92370

Ion Ratio Lower Upper

198 100

51 39.5 30.6 70.6

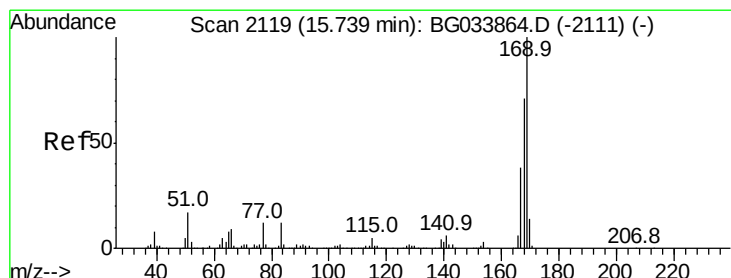
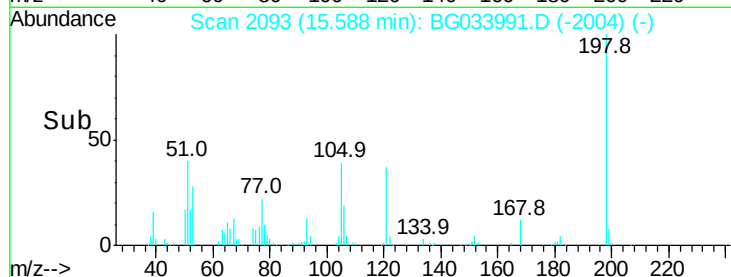
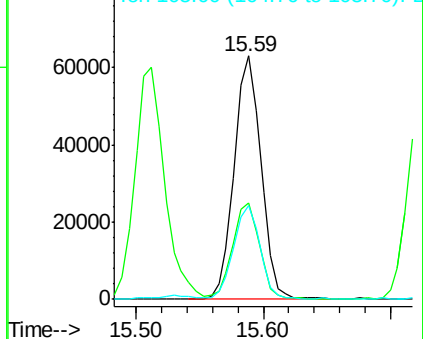
105 38.5 23.8 63.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 34.338 ng

RT: 15.72 min Scan# 2116

Delta R.T. -0.02 min

Lab File: BG033991.D

Acq: 25 Apr 2018 17:52

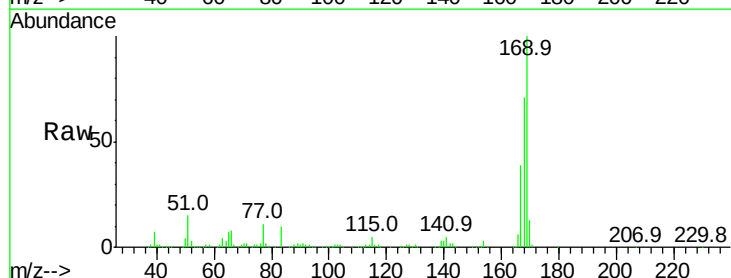
Tgt Ion:169 Resp: 523128

Ion Ratio Lower Upper

169 100

168 70.7 55.7 83.5

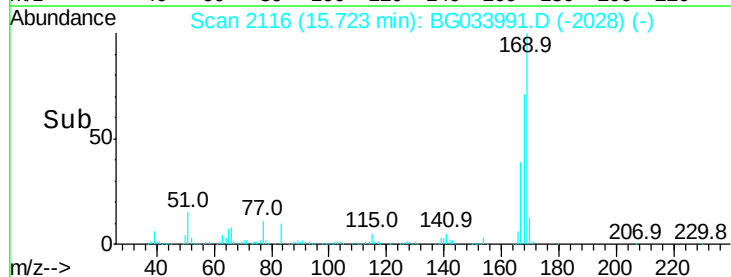
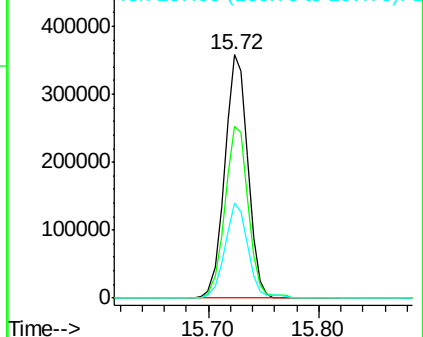
167 38.9 30.1 45.1

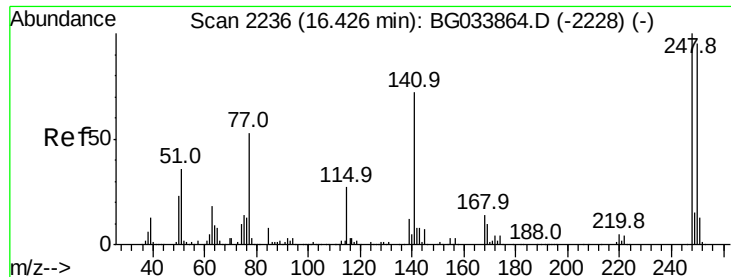


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

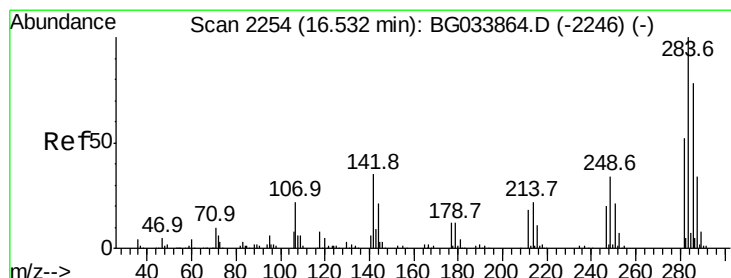
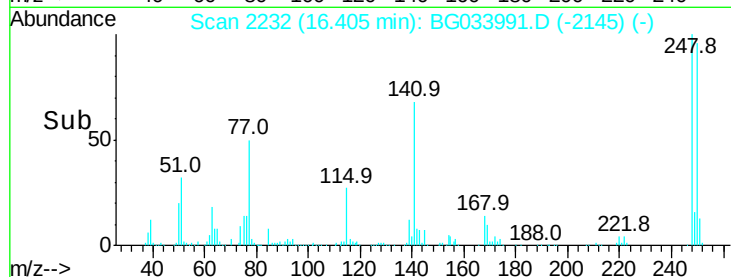
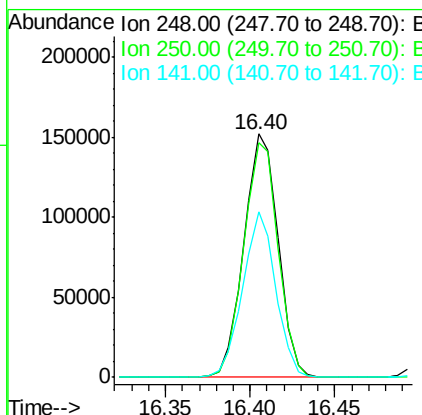
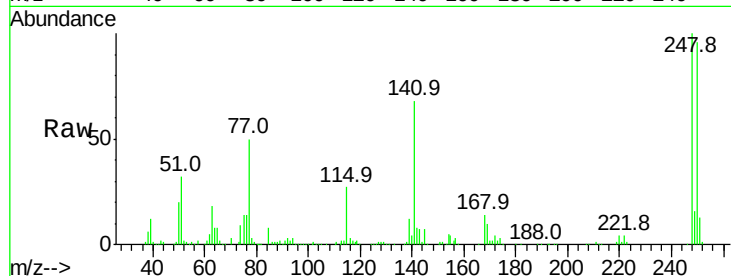




#66
 4-Bromophenyl-phenylether
 Concen: 37.254 ng
 RT: 16.40 min Scan# 2232
 Delta R.T. -0.02 min
 Lab File: BG033991.D
 Acq: 25 Apr 2018 17:52

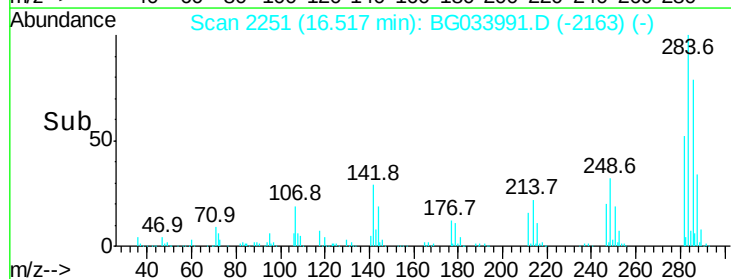
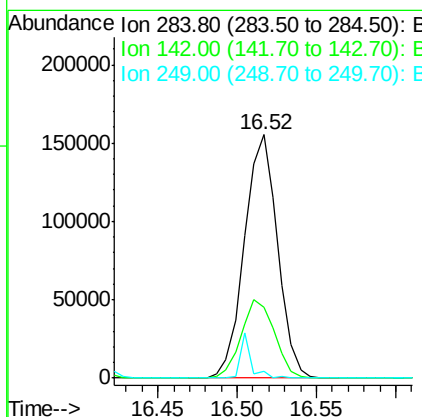
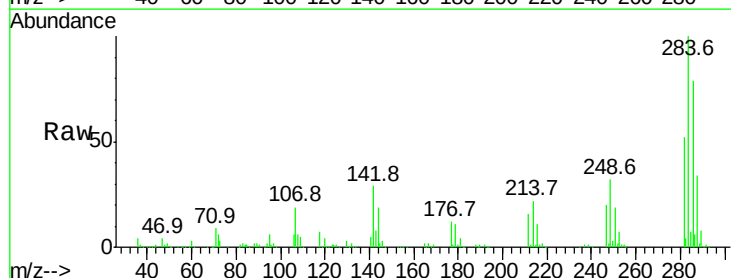
Instrument :
 BNA_G
 ClientSampleId :

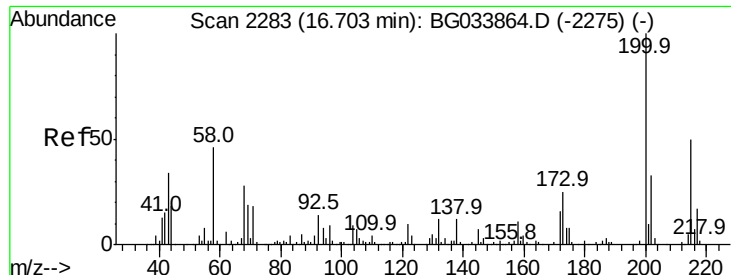
Tot Ion:248 Resp: 214385
 Ion Ratio Lower Upper
 248 100
 250 96.3 77.1 115.7
 141 68.2 50.8 76.2



#67
 Hexachlorobenzene
 Concen: 36.617 ng
 RT: 16.52 min Scan# 2251
 Delta R.T. -0.02 min
 Lab File: BG033991.D
 Acq: 25 Apr 2018 17:52

Tgt Ion:284 Resp: 224723
 Ion Ratio Lower Upper
 284 100
 142 28.9 26.8 40.2
 249 2.6 26.3 39.5#

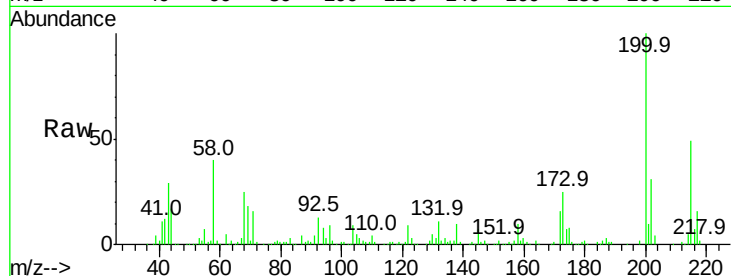




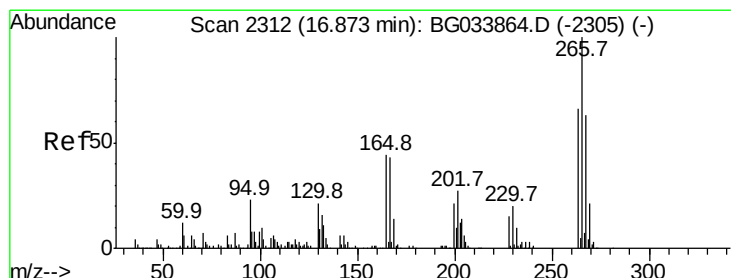
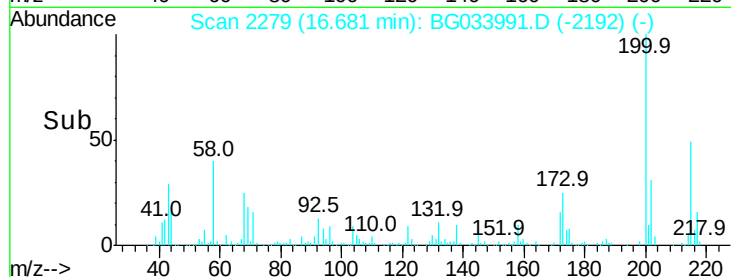
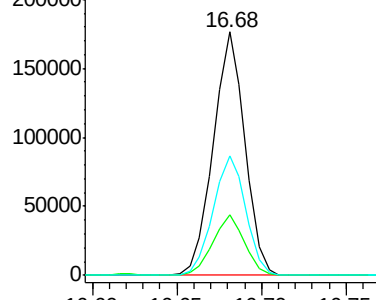
#68
Atrazine
Concen: 38.519 ng
RT: 16.68 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BG033991.D
Acq: 25 Apr 2018 17:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.0	5.2	45.2
215	49.2	30.4	70.4

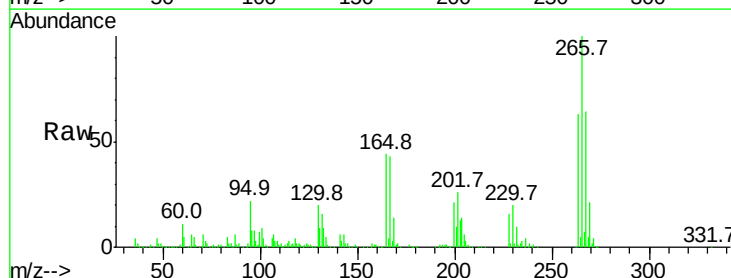


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

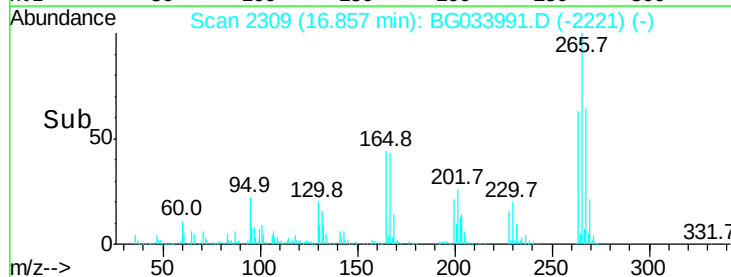
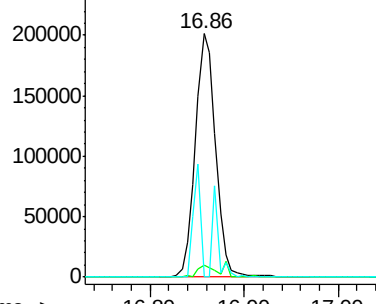


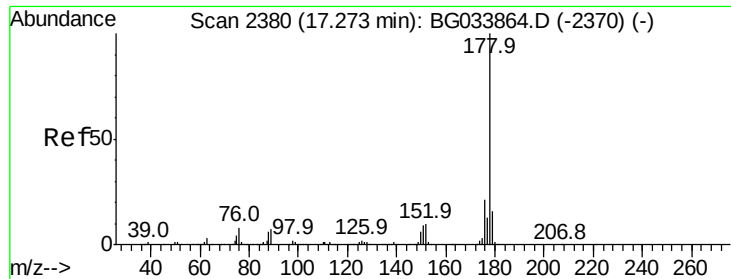
#69
Pentachlorophenol
Concen: 71.991 ng
RT: 16.86 min Scan# 2309
Delta R.T. -0.02 min
Lab File: BG033991.D
Acq: 25 Apr 2018 17:52

Tgt Ion	Ratio	Lower	Upper
266	100		
268	5.0	51.1	76.7#
264	5.4	49.6	74.4#



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





#70

Phenanthrene

Concen: 35.132 ng

RT: 17.25 min Scan# 2376

Delta R.T. -0.02 min

Lab File: BG033991.D

Acq: 25 Apr 2018 17:52

Instrument :

BNA_G

ClientSampleId :

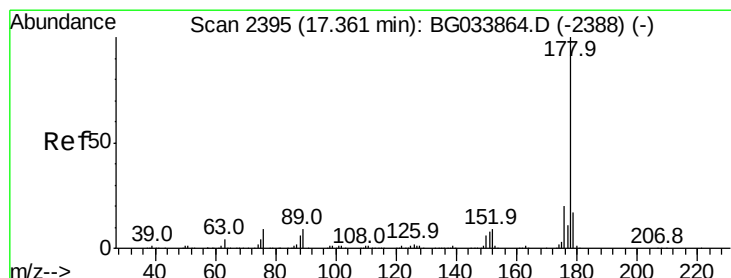
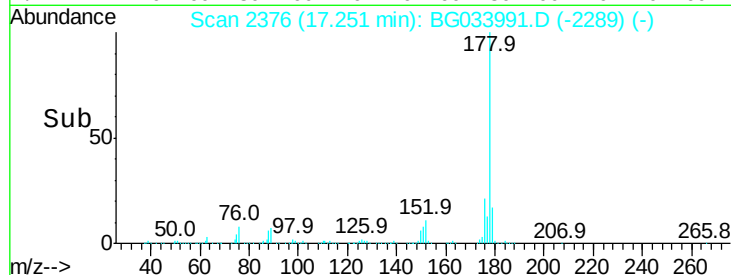
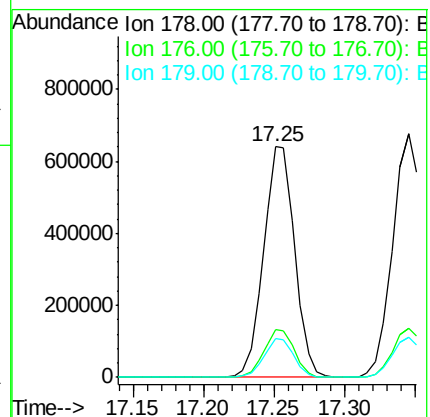
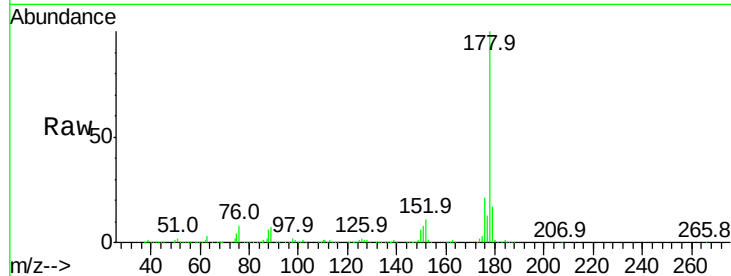
Tot Ion:178 Resp: 987606

Ion Ratio Lower Upper

178 100

176 20.9 15.7 23.5

179 17.0 12.5 18.7



#71

Anthracene

Concen: 35.976 ng

RT: 17.34 min Scan# 2392

Delta R.T. -0.02 min

Lab File: BG033991.D

Acq: 25 Apr 2018 17:52

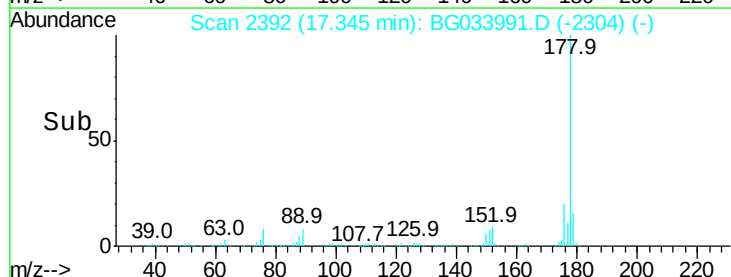
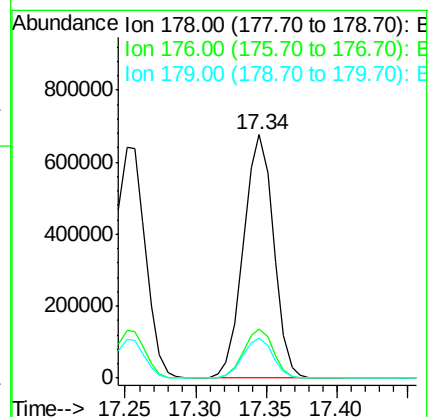
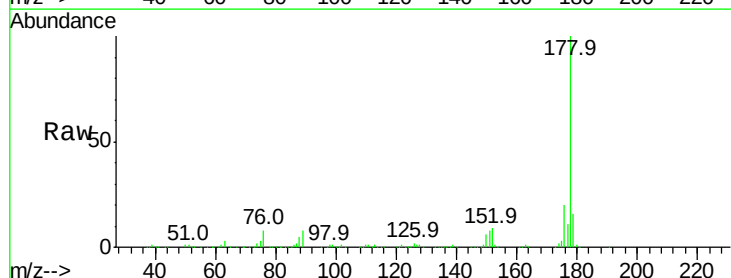
Tgt Ion:178 Resp: 1011363

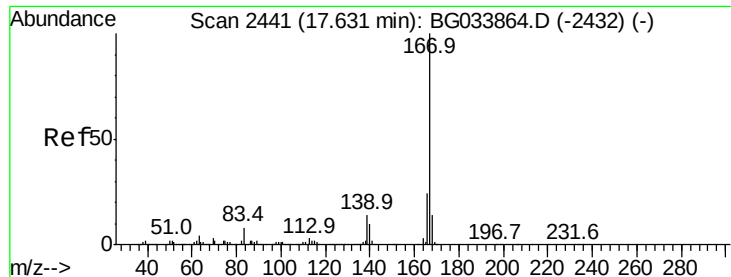
Ion Ratio Lower Upper

178 100

176 19.9 16.0 24.0

179 16.5 12.5 18.7





#72

Carbazole

Concen: 34.936 ng

RT: 17.62 min Scan# 2438

Delta R.T. -0.02 min

Lab File: BG033991.D

Acq: 25 Apr 2018 17:52

Instrument :

BNA_G

ClientSampleId :

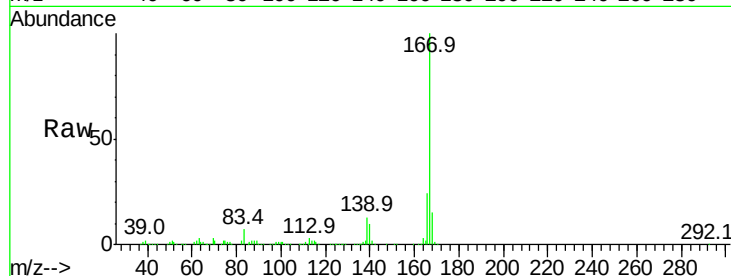
Tot Ion:167 Resp: 947498

Ion Ratio Lower Upper

167 100

166 23.7 18.2 27.4

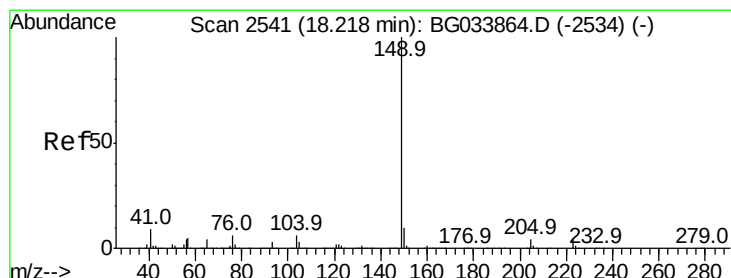
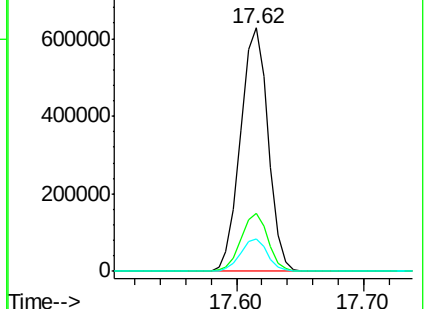
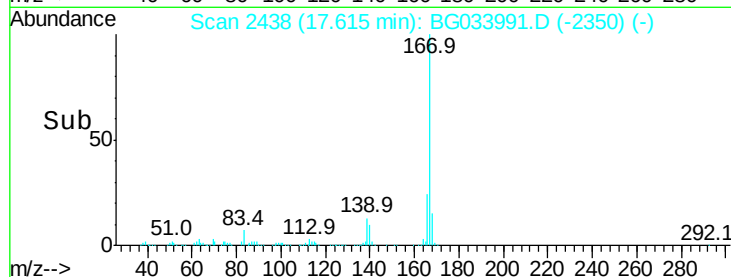
139 13.3 9.4 14.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 33.716 ng

RT: 18.20 min Scan# 2537

Delta R.T. -0.02 min

Lab File: BG033991.D

Acq: 25 Apr 2018 17:52

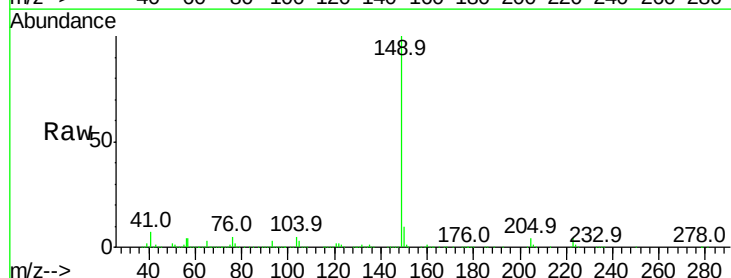
Tgt Ion:149 Resp: 1137545

Ion Ratio Lower Upper

149 100

150 10.1 7.8 11.6

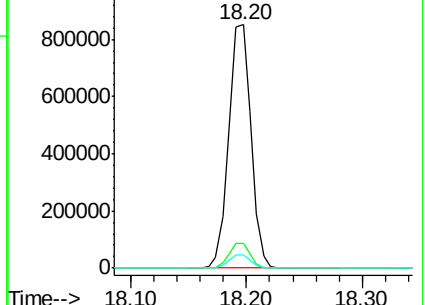
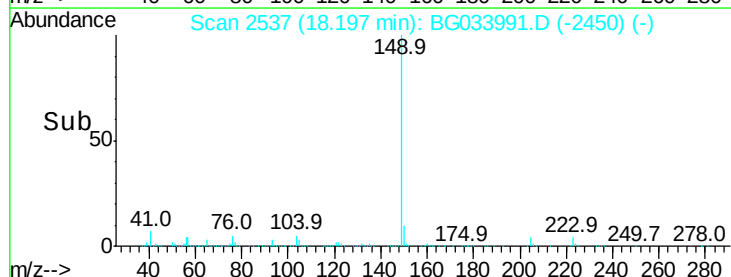
104 5.2 3.9 5.9

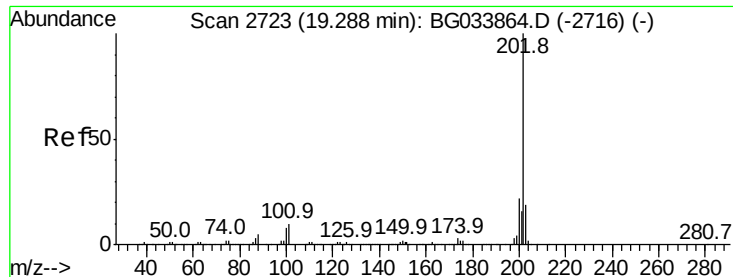


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 36.234 ng

RT: 19.27 min Scan# 2720

Delta R.T. -0.02 min

Lab File: BG033991.D

Acq: 25 Apr 2018 17:52

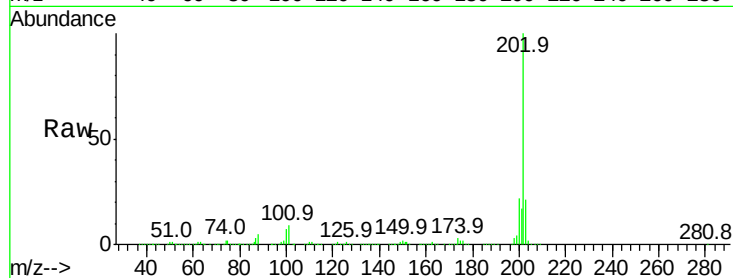
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1232127

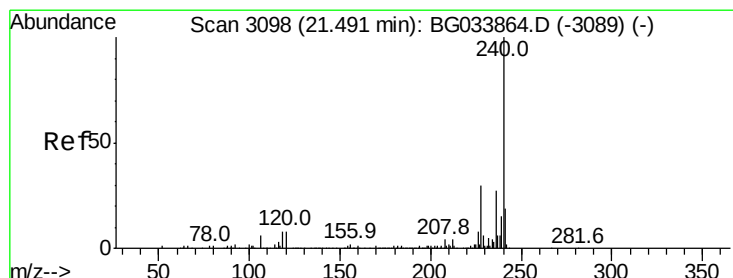
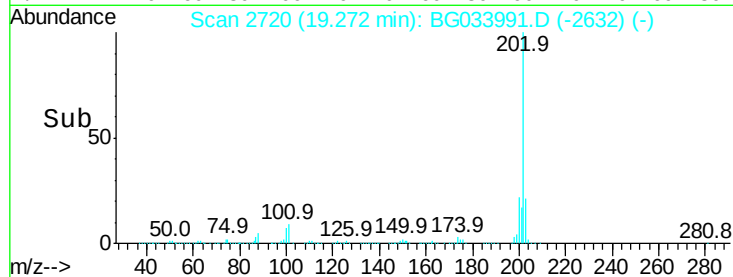
Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	28.9
203	20.7	0.0	37.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.47 min Scan# 3094

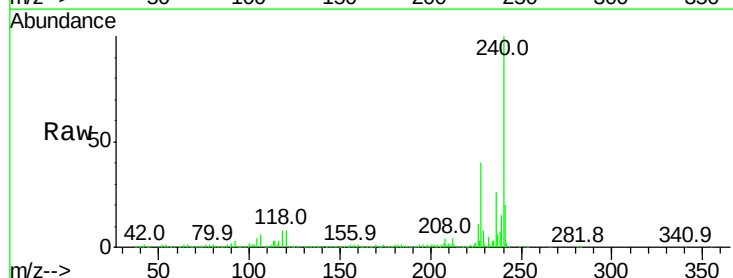
Delta R.T. -0.02 min

Lab File: BG033991.D

Acq: 25 Apr 2018 17:52

Tgt Ion:240 Resp: 547763

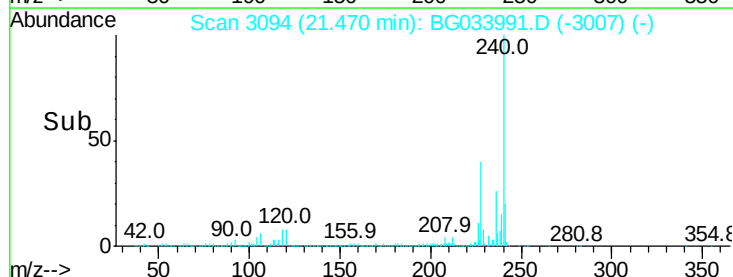
Ion	Ratio	Lower	Upper
240	100		
120	8.4	6.8	10.2
236	26.2	20.9	31.3

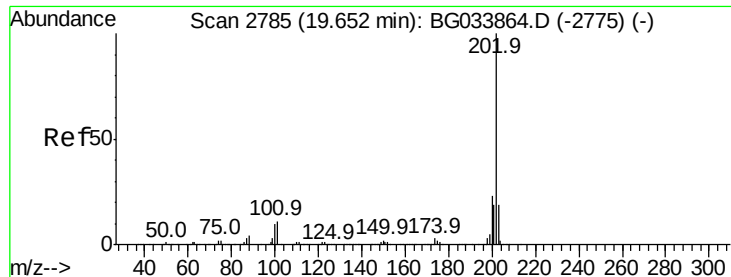


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 34.752 ng

RT: 19.64 min Scan# 2782

Delta R.T. -0.02 min

Lab File: BG033991.D

Acq: 25 Apr 2018 17:52

Instrument :

BNA_G

ClientSampled :

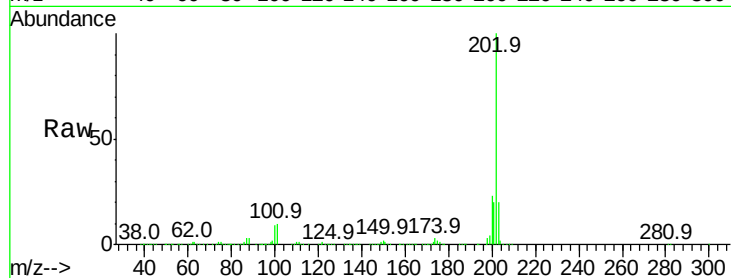
Tot Ion:202 Resp: 1248549

Ion Ratio Lower Upper

202 100

200 22.8 16.9 25.3

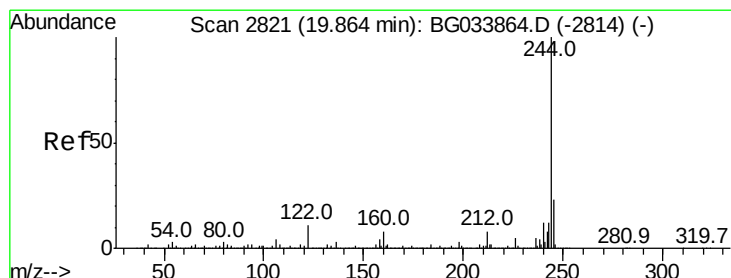
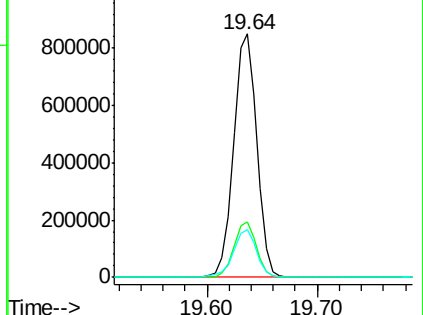
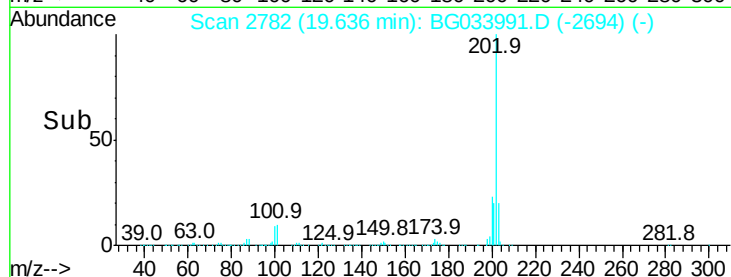
203 19.7 13.9 20.9



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: 69.942 ng

RT: 19.85 min Scan# 2818

Delta R.T. -0.02 min

Lab File: BG033991.D

Acq: 25 Apr 2018 17:52

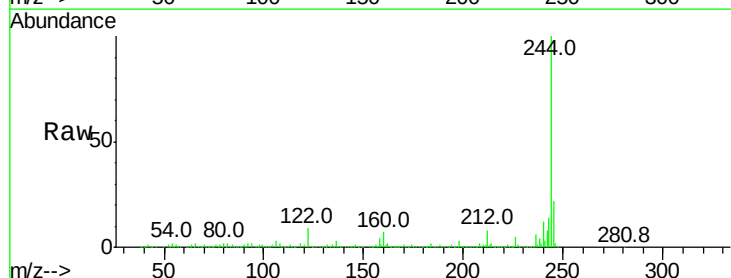
Tgt Ion:244 Resp: 1705308

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

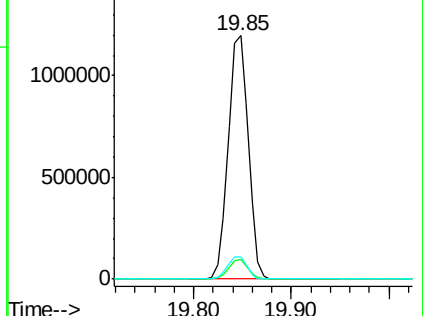
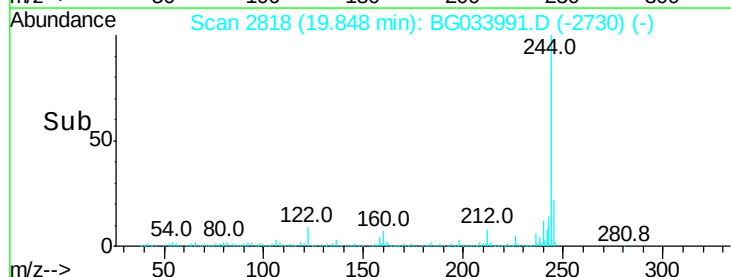
122 8.9 7.0 10.4

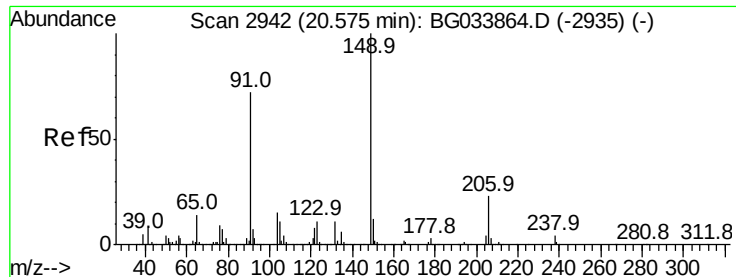


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 33.089 ng

RT: 20.55 min Scan# 2937

Delta R.T. -0.03 min

Lab File: BG033991.D

Acq: 25 Apr 2018 17:52

Instrument :

BNA_G

ClientSampleId :

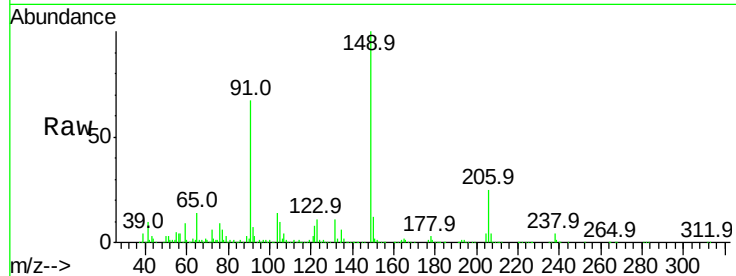
Tot Ion:149 Resp: 522064

Ion Ratio Lower Upper

149 100

91 67.1 62.2 93.2

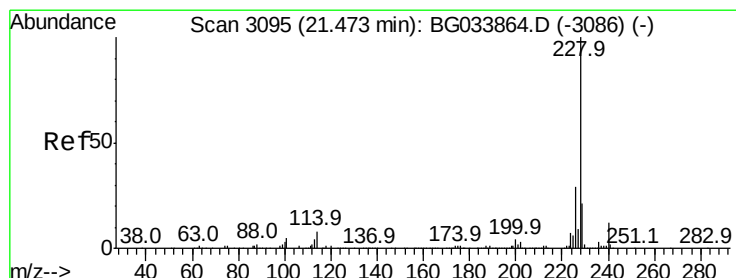
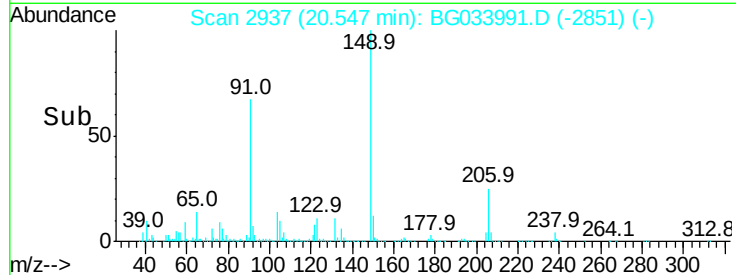
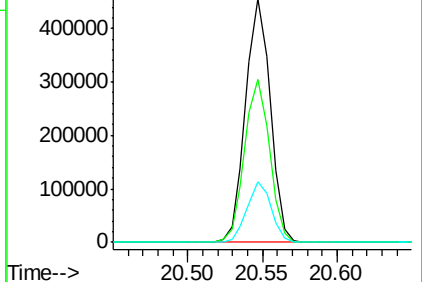
206 24.8 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 35.508 ng

RT: 21.45 min Scan# 3091

Delta R.T. -0.02 min

Lab File: BG033991.D

Acq: 25 Apr 2018 17:52

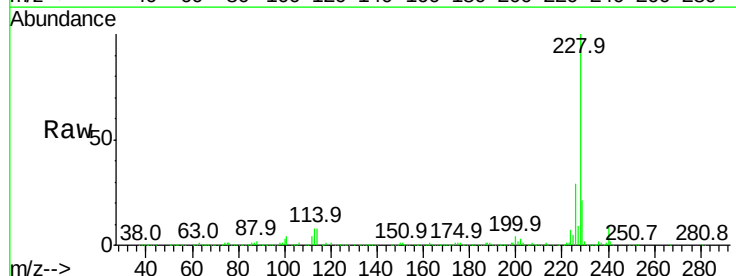
Tgt Ion:228 Resp: 1226471

Ion Ratio Lower Upper

228 100

226 29.3 22.7 34.1

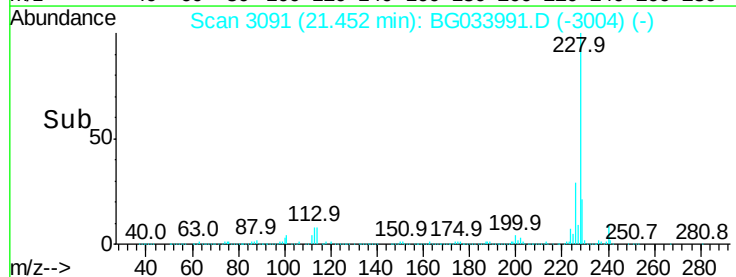
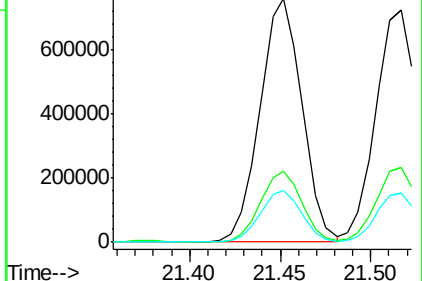
229 21.3 16.2 24.2

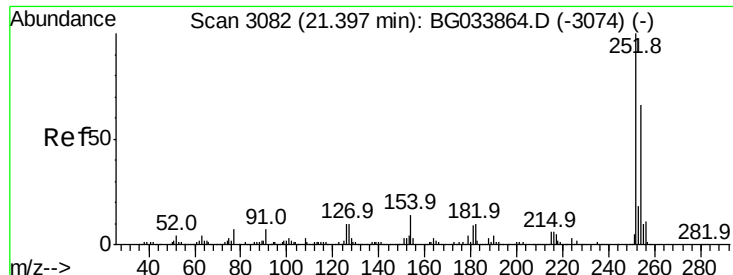


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

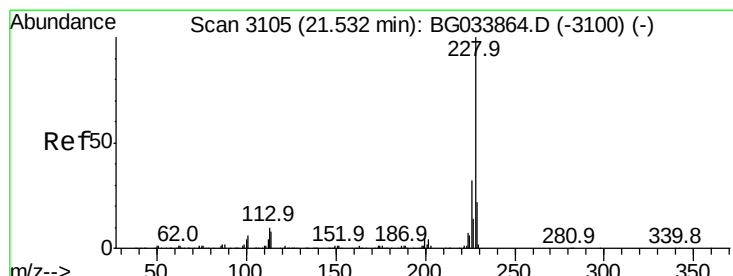
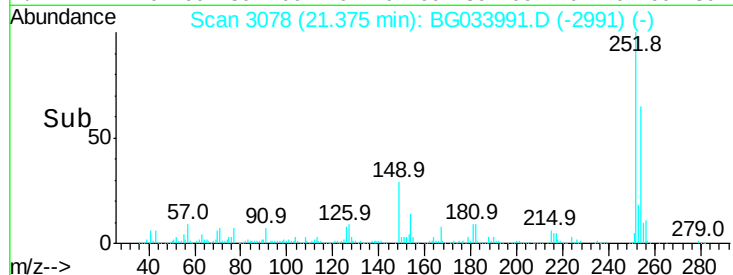
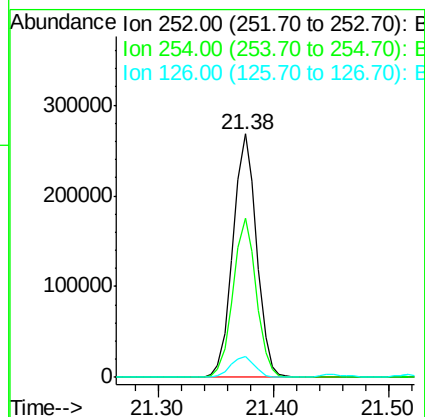
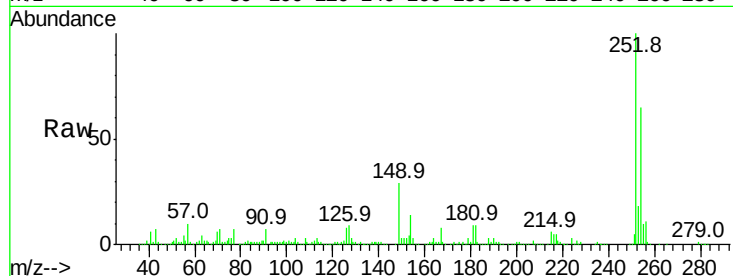




#81
 3,3'-Dichlorobenzidine
 Concen: 29.631 ng
 RT: 21.38 min Scan# 3078
 Delta R.T. -0.02 min
 Lab File: BG033991.D
 Acq: 25 Apr 2018 17:52

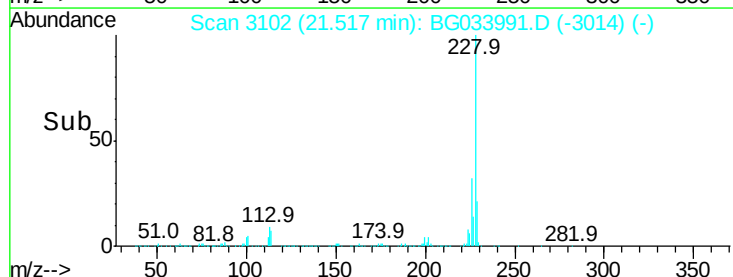
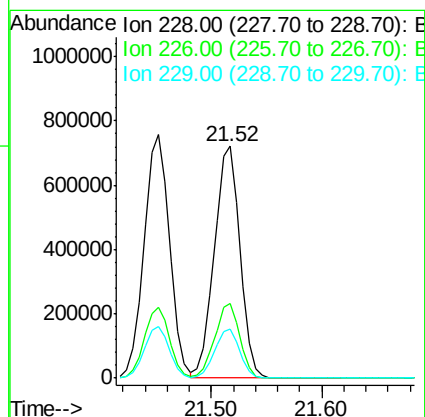
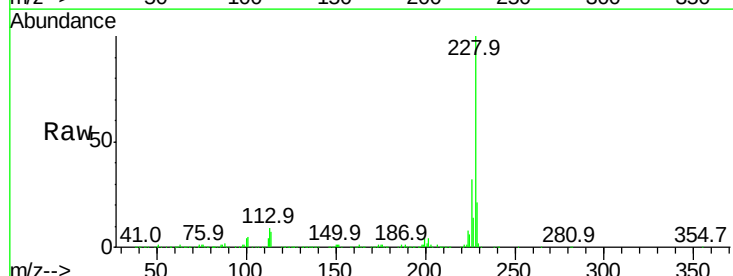
Instrument :
 BNA_G
 ClientSampleId :

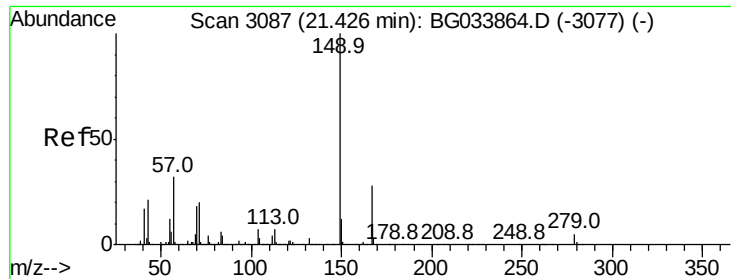
Tot Ion:252 Resp: 381620
 Ion Ratio Lower Upper
 252 100
 254 65.3 50.8 76.2
 126 8.5 7.4 11.2



#82
 Chrysene
 Concen: 34.885 ng
 RT: 21.52 min Scan# 3102
 Delta R.T. -0.02 min
 Lab File: BG033991.D
 Acq: 25 Apr 2018 17:52

Tgt Ion:228 Resp: 1150654
 Ion Ratio Lower Upper
 228 100
 226 32.4 24.9 37.3
 229 21.2 15.0 22.4

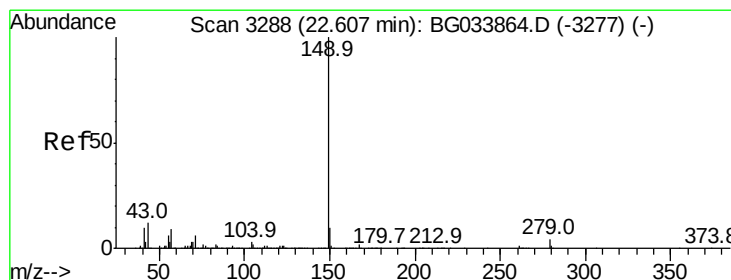
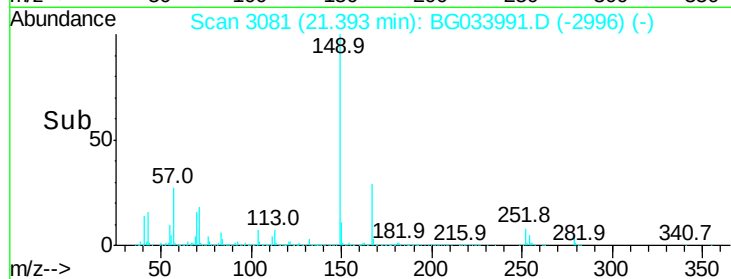
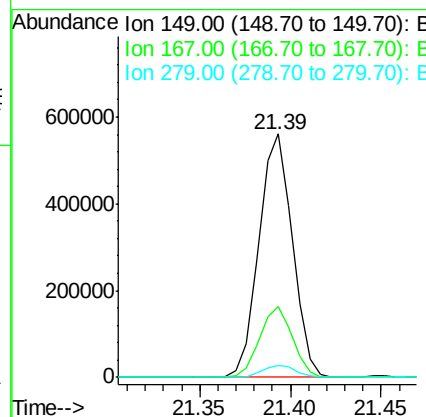
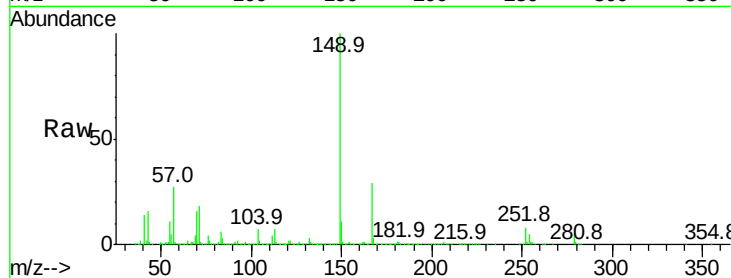




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 32.235 ng
 RT: 21.39 min Scan# 3081
 Delta R.T. -0.03 min
 Lab File: BG033991.D
 Acq: 25 Apr 2018 17:52

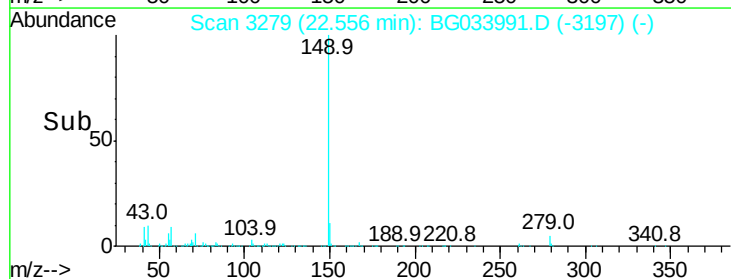
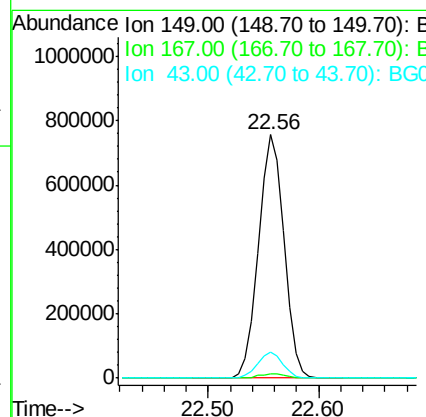
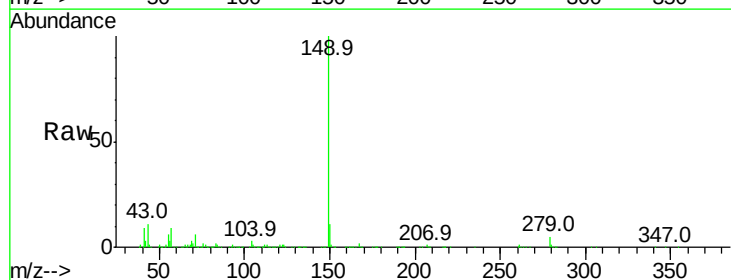
Instrument :
 BNA_G
 ClientSampleId :

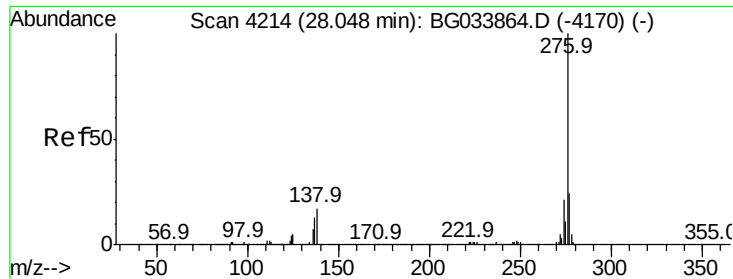
Tot Ion	Ratio	Lower	Upper
149	100		
167	28.8	24.3	36.5
279	4.9	4.0	6.0



#84
 Di-n-octyl phthalate
 Concen: 34.805 ng
 RT: 22.56 min Scan# 3279
 Delta R.T. -0.05 min
 Lab File: BG033991.D
 Acq: 25 Apr 2018 17:52

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.2	8.9	13.3

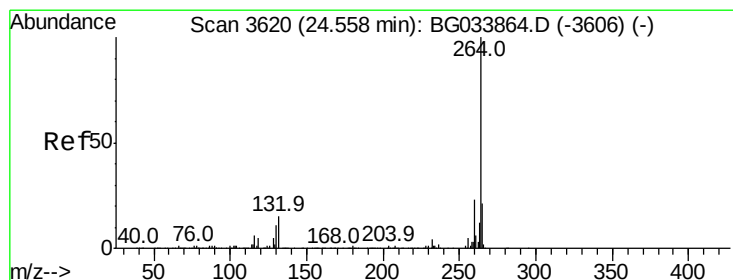
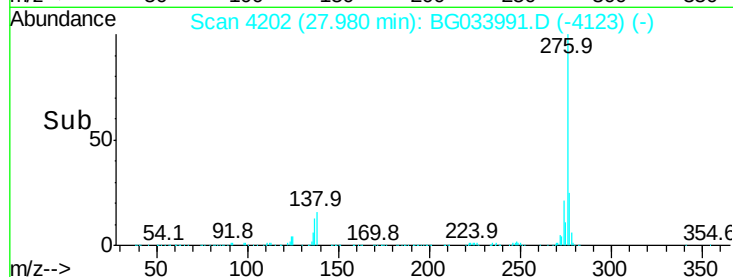
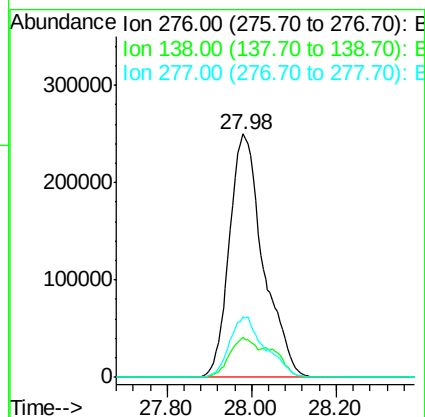
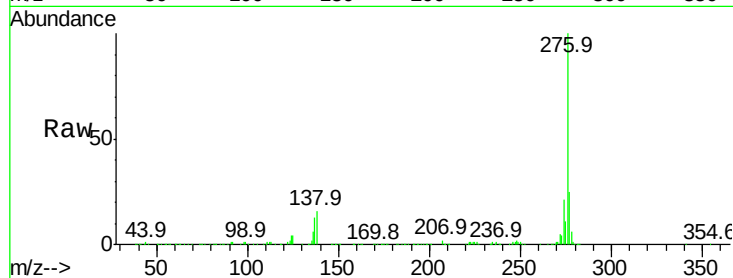




#85
Indeno(1,2,3-cd)pyrene
Concen: 36.774 ng
RT: 27.98 min Scan# 4202
Delta R.T. -0.07 min
Lab File: BG033991.D
Acq: 25 Apr 2018 17:52

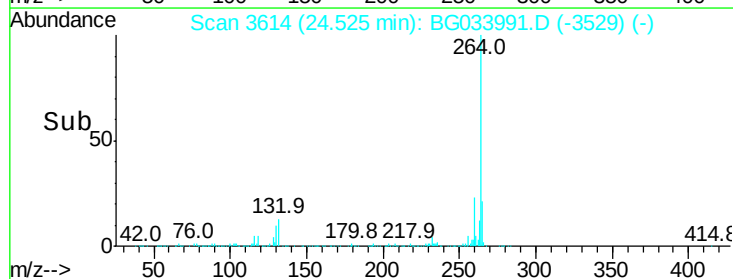
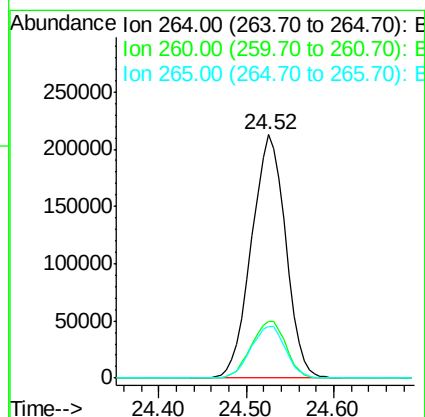
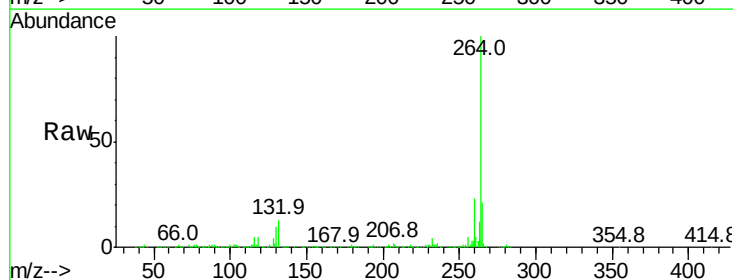
Instrument :
BNA_G
ClientSampleId :

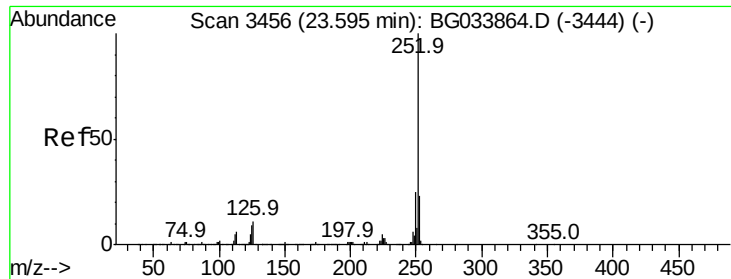
Tot Ion:276 Resp: 1380693
Ion Ratio Lower Upper
276 100
138 13.9 16.0 24.0#
277 25.9 20.0 30.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.52 min Scan# 3614
Delta R.T. -0.03 min
Lab File: BG033991.D
Acq: 25 Apr 2018 17:52

Tgt Ion:264 Resp: 566707
Ion Ratio Lower Upper
264 100
260 23.1 17.4 26.0
265 21.4 17.7 26.5

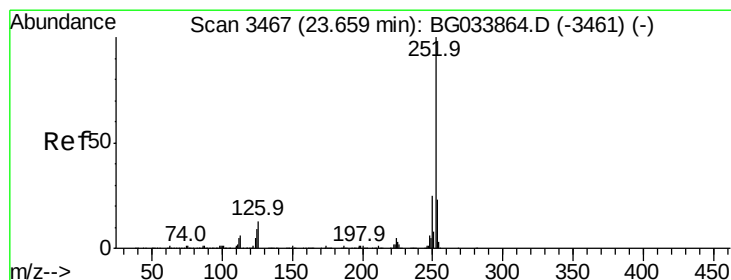
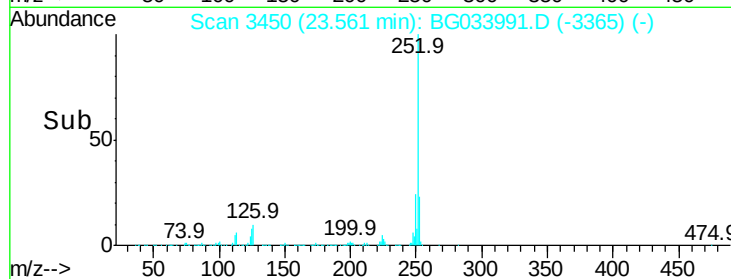
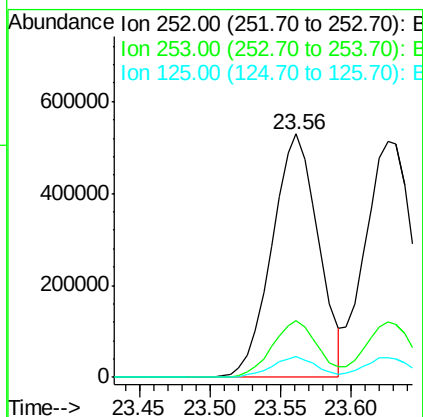
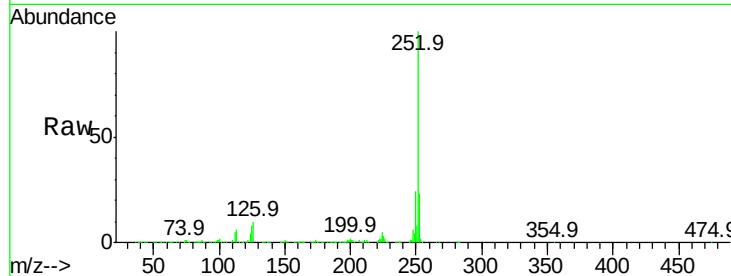




#87
Benzo(b)fluoranthene
Concen: 35.095 ng
RT: 23.56 min Scan# 3450
Delta R.T. -0.03 min
Lab File: BG033991.D
Acq: 25 Apr 2018 17:52

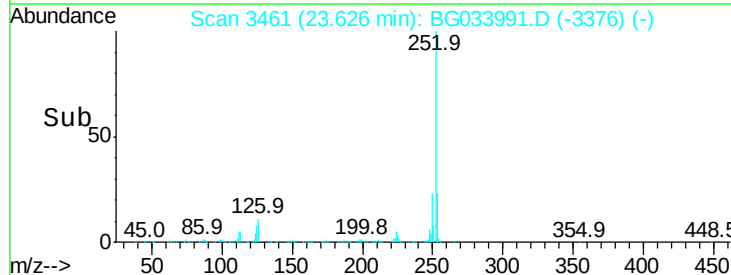
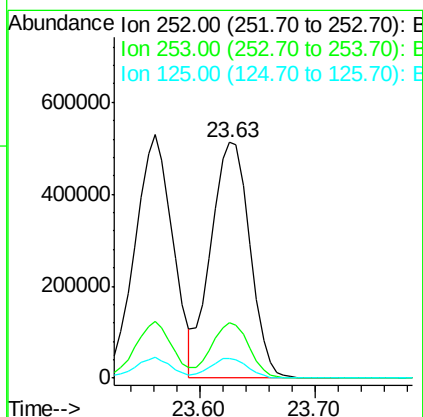
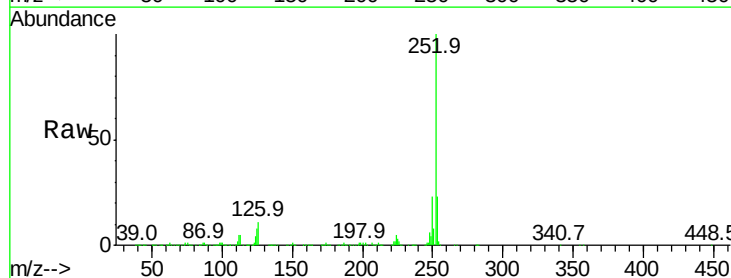
Instrument :
BNA_G
ClientSampleId :

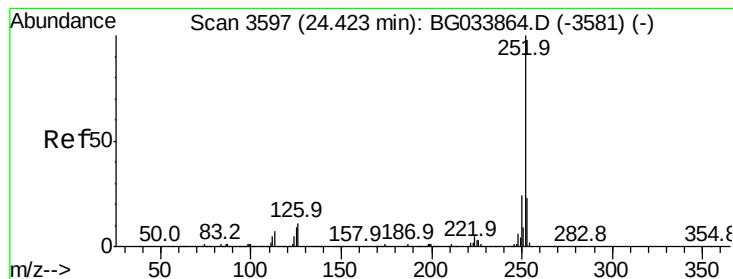
Tot Ion:252 Resp: 1213322
Ion Ratio Lower Upper
252 100
253 23.2 18.2 27.4
125 8.4 7.2 10.8



#88
Benzo(k)fluoranthene
Concen: 35.060 ng
RT: 23.63 min Scan# 3461
Delta R.T. -0.03 min
Lab File: BG033991.D
Acq: 25 Apr 2018 17:52

Tgt Ion:252 Resp: 1204016
Ion Ratio Lower Upper
252 100
253 23.4 17.4 26.2
125 8.1 6.6 9.8





#89

Benzo(a)pyrene

Concen: 35.799 ng

RT: 24.38 min Scan# 3590

Delta R.T. -0.04 min

Lab File: BG033991.D

Acq: 25 Apr 2018 17:52

Instrument :

BNA_G

ClientSampled :

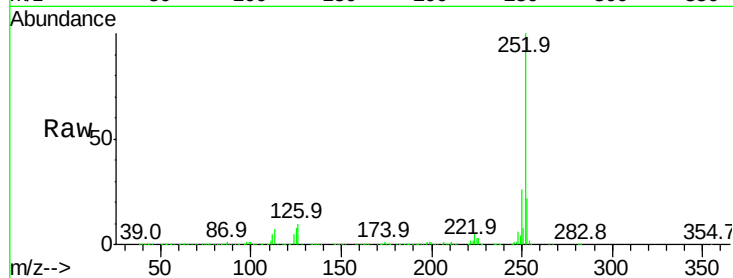
Tot Ion:252 Resp: 1185315

Ion Ratio Lower Upper

252 100

253 22.2 18.3 27.5

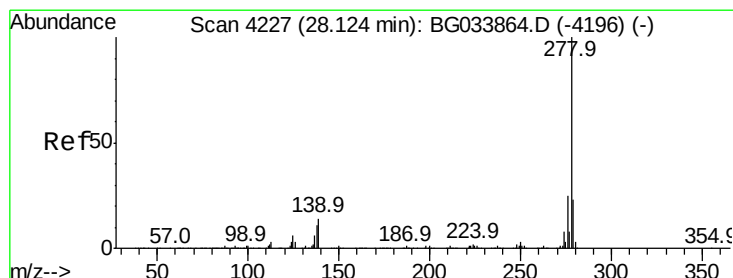
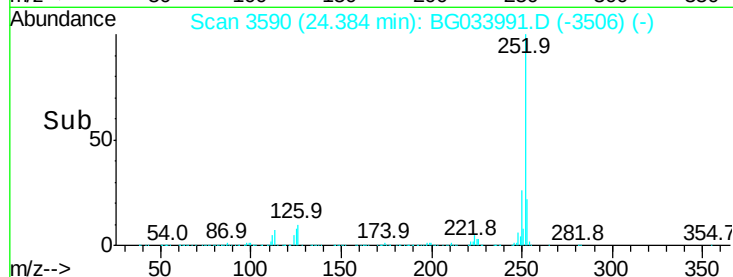
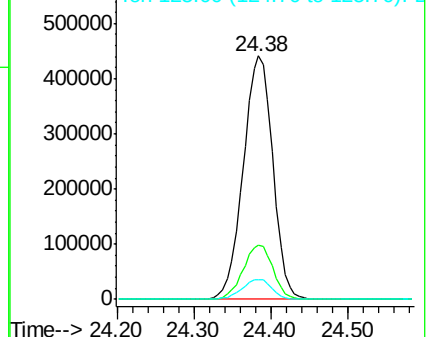
125 8.1 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 36.416 ng

RT: 28.04 min Scan# 4213

Delta R.T. -0.08 min

Lab File: BG033991.D

Acq: 25 Apr 2018 17:52

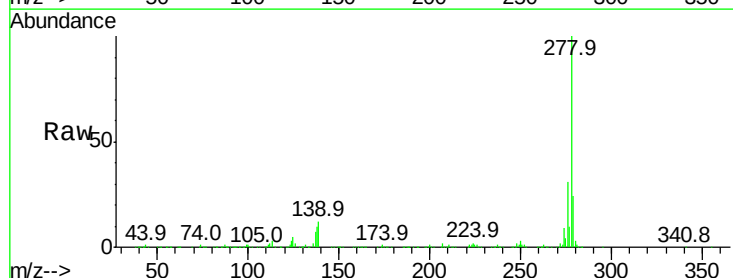
Tgt Ion:278 Resp: 1166685

Ion Ratio Lower Upper

278 100

139 12.4 9.8 14.6

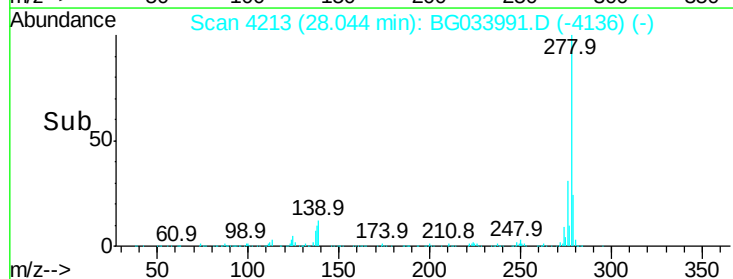
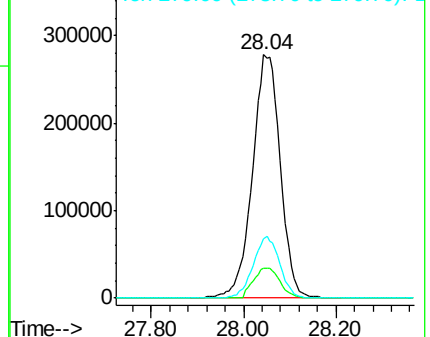
279 24.5 18.4 27.6

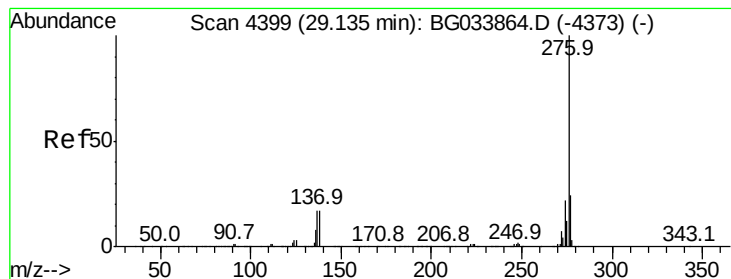


Abundance Ion 278.00 (277.70 to 278.70): E

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: 35.663 ng

RT: 29.07 min Scan# 4387

Delta R.T. -0.07 min

Lab File: BG033991.D

Acq: 25 Apr 2018 17:52

Instrument :

BNA_G

ClientSampleId :

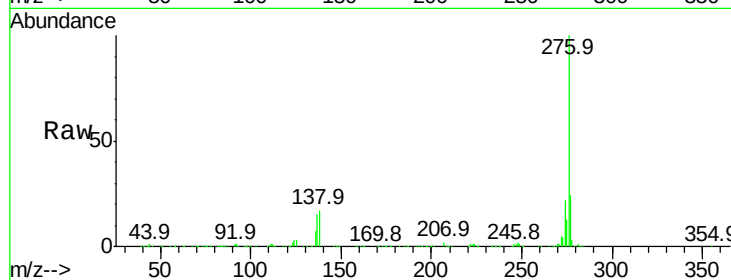
Tot Ion:276 Resp: 1124270

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.3	27.5
138	16.6	13.9	20.9

276 100

277 23.6 18.3 27.5

138 16.6 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

