

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022718\
 Data File : BG032854.D
 Acq On : 27 Feb 2018 14:33
 Operator : SJ/JU
 Sample : J1395-04MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 28 02:35:58 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 17:50:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	85467	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	372653	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	212181	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	450633	20.00	ng	0.00
75) Chrysene-d12	22.63	240	409014	20.00	ng	0.00
86) Perylene-d12	26.43	264	442513	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.34	112	597740	111.89	ng	0.00
7) Phenol-d6	8.02	99	732634	98.39	ng	0.00
23) Nitrobenzene-d5	10.12	82	506718	93.27	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	288475	129.30	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1111918	75.58	ng	0.00
78) Terphenyl-d14	20.78	244	1514810	83.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.98	88	75405	32.52	ng	91
3) Pyridine	4.45	79	148128	23.18	ng	97
4) n-Nitrosodimethylamine	4.33	42	110567	43.16	ng	# 93
6) Aniline	8.21	93	155765	15.45	ng	95
8) 2-Chlorophenol	8.47	128	251126	42.95	ng	92
9) Benzaldehyde	8.02	77	77709	18.11	ng	95
10) Phenol	8.05	94	276663	36.86	ng	90
11) bis(2-Chloroethyl)ether	8.31	93	239368	39.00	ng	93
12) 1,3-Dichlorobenzene	8.81	146	250468	36.57	ng	97
13) 1,4-Dichlorobenzene	8.96	146	253186	36.73	ng	95
14) 1,2-Dichlorobenzene	9.29	146	244296	36.98	ng	96
15) Benzyl Alcohol	9.15	79	220605	40.30	ng	91
16) 2,2'-oxybis(1-Chloropropan	9.45	45	388299	36.80	ng	97
17) 2-Methylphenol	9.35	107	210661	38.06	ng	96
18) Hexachloroethane	10.05	117	93243	39.72	ng	# 85
19) n-Nitroso-di-n-propylamine	9.73	70	196899	37.46	ng	# 96
20) 3+4-Methylphenols	9.69	107	289940	37.67	ng	94
22) Acetophenone	9.77	105	364663	38.75	ng	# 95
24) Nitrobenzene	10.17	77	267797	45.45	ng	89
25) Isophorone	10.69	82	540311	41.31	ng	# 94
26) 2-Nitrophenol	10.89	139	130873	58.00	ng	92
27) 2,4-Dimethylphenol	10.92	122	269306	47.40	ng	89
28) bis(2-Chloroethoxy)methane	11.17	93	327225	42.94	ng	96
29) 2,4-Dichlorophenol	11.43	162	237182	45.99	ng	94
30) 1,2,4-Trichlorobenzene	11.66	180	229726	38.00	ng	98
31) Naphthalene	11.86	128	769884	39.54	ng	99
32) Benzoic acid	11.03	122	131721	40.30	ng	# 80
33) 4-Chloroaniline	11.95	127	122019	14.01	ng	94
34) Hexachlorobutadiene	12.12	225	125716	37.08	ng	100
35) Caprolactam	12.69	113	70301	34.05	ng	# 83
36) 4-Chloro-3-methylphenol	13.00	107	275829	45.96	ng	89
37) 2-Methylnaphthalene	13.41	142	567725	40.30	ng	91
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	235108	37.33	ng	# 96
40) Hexachlorocyclopentadiene	13.74	237	283172	88.21	ng	93

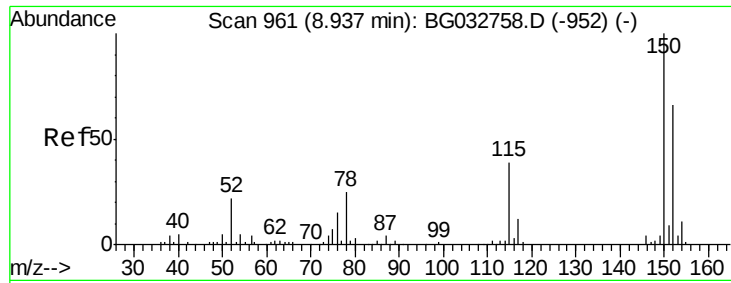
Data Path : Z:\HPCHEM1\BNA G\DATA\BG022718\
 Data File : BG032854.D
 Acq On : 27 Feb 2018 14:33
 Operator : SJ/JU
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 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 17:50:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.98	196	180418	45.42	nq	98
43) 2,4,5-Trichlorophenol	14.05	196	200946	43.71	nq	# 96
45) 1,1'-Biphenyl	14.38	154	706132	38.08	nq	94
46) 2-Chloronaphthalene	14.43	162	533203	38.50	nq	97
47) 2-Nitroaniline	14.61	65	182252	51.32	nq	91
48) Acenaphthylene	15.27	152	876313	38.65	nq	99
49) Dimethylphthalate	14.97	163	700981	38.91	nq	99
50) 2,6-Dinitrotoluene	15.09	165	155344	51.34	nq	87
51) Acenaphthene	15.60	154	582841	41.27	nq	98
52) 3-Nitroaniline	15.42	138	105326	31.61	nq	# 81
53) 2,4-Dinitrophenol	15.62	184	98910	97.06	nq	# 57
54) Dibenzofuran	15.93	168	812634	40.41	nq	95
55) 4-Nitrophenol	15.69	139	244114	82.50	nq	# 80
56) 2,4-Dinitrotoluene	15.87	165	214674	58.16	nq	87
57) Fluorene	16.57	166	655736	39.51	nq	99
58) 2,3,4,6-Tetrachlorophenol	16.06	232	165622	46.40	nq	94
59) Diethylphthalate	16.31	149	738743	38.88	nq	99
60) 4-Chlorophenyl-phenylether	16.55	204	328419	40.45	nq	92
61) 4-Nitroaniline	16.57	138	164605	42.84	nq	# 80
62) Azobenzene	16.84	77	674583	39.68	nq	97
64) 4,6-Dinitro-2-methylphenol	16.62	198	81812	57.64	nq	95
65) n-Nitrosodiphenylamine	16.76	169	609850	41.60	nq	99
66) 4-Bromophenyl-phenylether	17.44	248	197844	41.52	nq	# 89
67) Hexachlorobenzene	17.57	284	204299	39.68	nq	95
68) Atrazine	17.68	200	196732	40.77	nq	95
69) Pentachlorophenol	17.90	266	259737	80.08	nq	99
70) Phenanthrene	18.31	178	1023300	40.70	nq	97
71) Anthracene	18.40	178	1045106	41.41	nq	98
72) Carbazole	18.65	167	975521	39.21	nq	# 96
73) Di-n-butylphthalate	19.16	149	1222376	40.05	nq	99
74) Fluoranthene	20.26	202	1125071	40.51	nq	94
76) Benzidine	20.41	184	122385	8.78	nq	100
77) Pyrene	20.61	202	1130756	39.20	nq	96
79) Butylbenzylphthalate	21.48	149	579063	45.28	nq	92
80) Benzo(a)anthracene	22.60	228	1101843	42.01	nq	98
81) 3,3'-Dichlorobenzidine	22.49	252	249314	25.67	nq	# 98
82) Chrysene	22.68	228	1034244	41.28	nq	96
83) Bis(2-ethylhexyl)phthalate	22.44	149	826670	43.67	nq	# 97
84) Di-n-octyl phthalate	23.87	149	1422334	49.29	nq	98
85) Indeno(1,2,3-cd)pyrene	30.87	276	1271010	43.50	nq	97
87) Benzo(b)fluoranthene	25.21	252	1103302	42.17	nq	# 96
88) Benzo(k)fluoranthene	25.29	252	1096570	42.17	nq	# 96
89) Benzo(a)pyrene	26.26	252	1078088	43.32	nq	# 95
90) Dibenzo(a,h)anthracene	30.96	278	1067698	42.62	nq	# 93
91) Benzo(g,h,i)perylene	32.26	276	1043082	42.24	nq	# 90

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

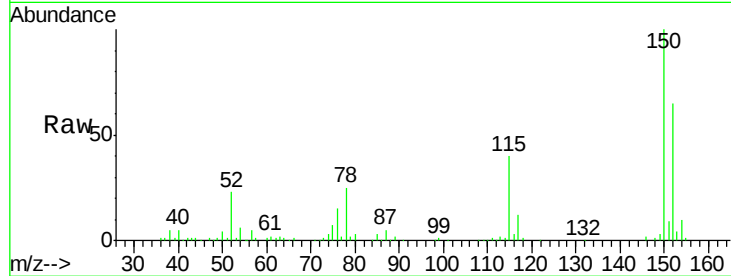


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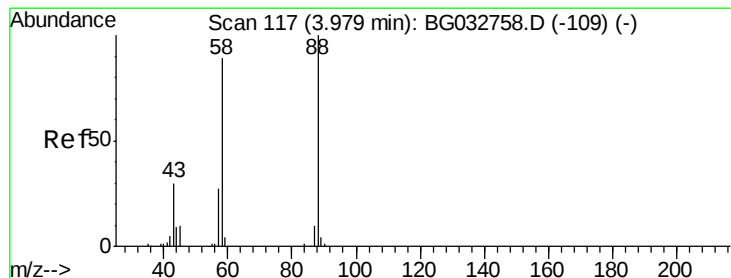
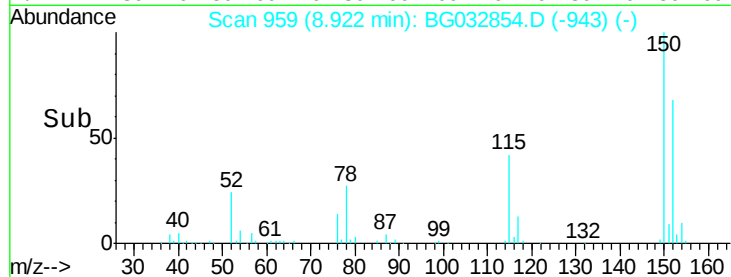
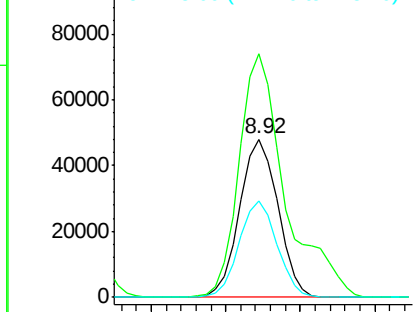
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 85467
Ion Ratio Lower Upper
152 100
150 154.1 126.6 189.8
115 61.1 53.0 79.4



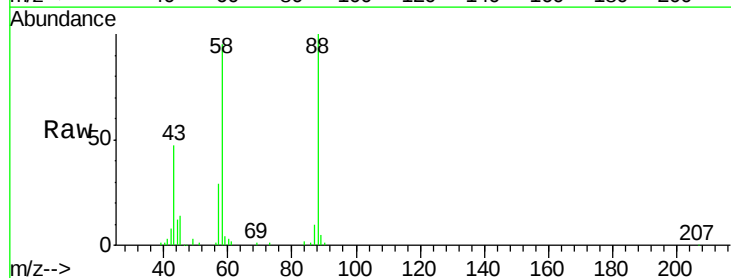
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



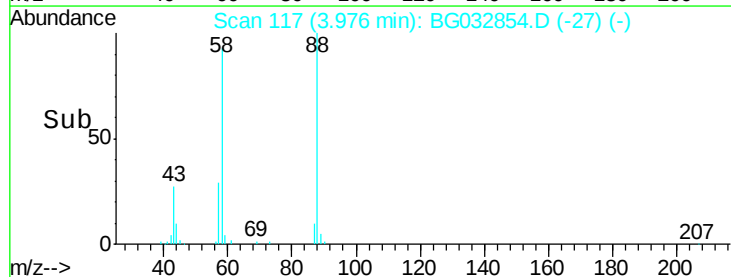
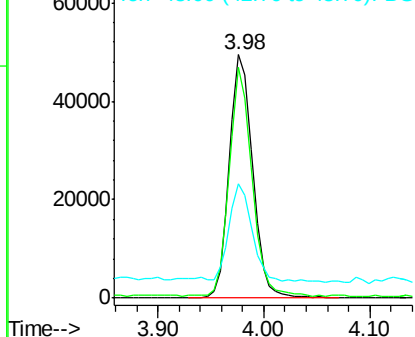
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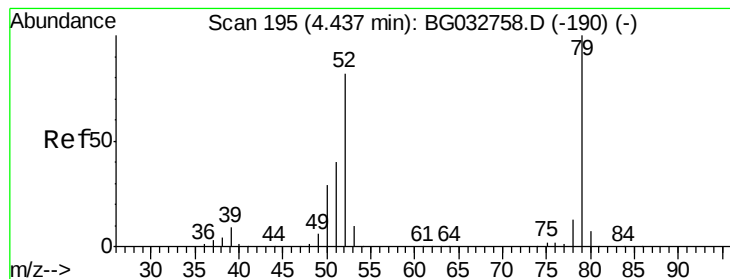
1,4-Dioxane
Concen: 32.52 ng
RT: 3.98 min Scan# 117
Delta R.T. 0.00 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

Tgt Ion: 88 Resp: 75405
Ion Ratio Lower Upper
88 100
58 89.9 79.6 119.4
43 38.3 27.4 41.0



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





#3

Pvridine

Concen: 23.18 ng

RT: 4.45 min Scan# 197

Delta R.T. 0.01 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

Instrument :

BNA_G

ClientSampleId :

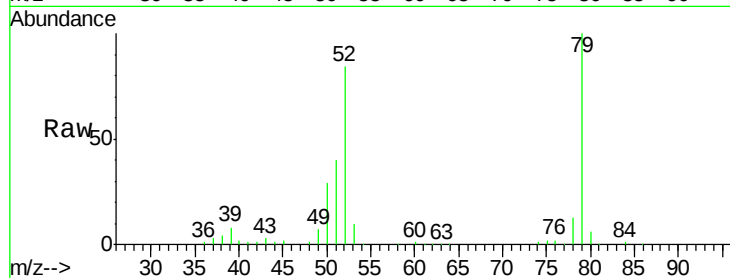
Tot Ion: 79 Resp: 148128

Ion Ratio Lower Upper

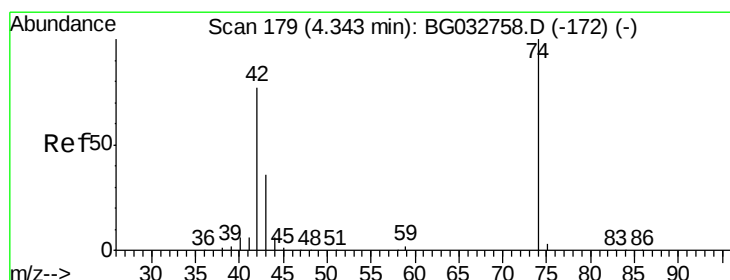
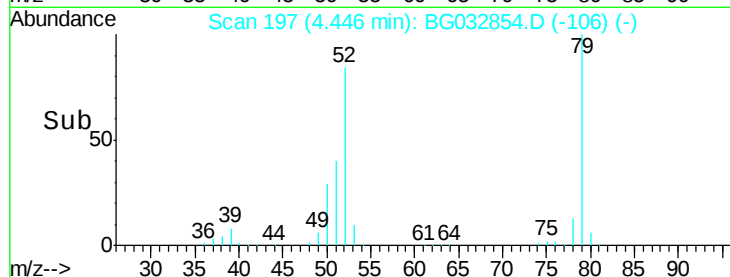
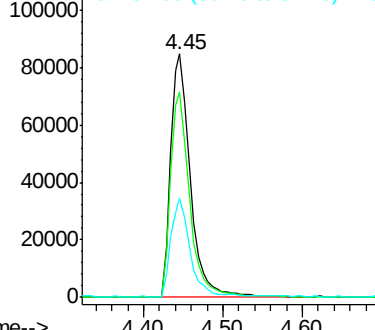
79 100

52 84.2 69.9 104.9

51 40.4 34.0 51.0



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



#4

n-Nitrosodimethylamine

Concen: 43.16 ng

RT: 4.33 min Scan# 178

Delta R.T. -0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

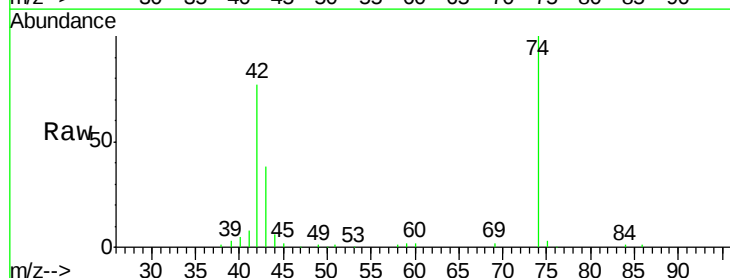
Tgt Ion: 42 Resp: 110567

Ion Ratio Lower Upper

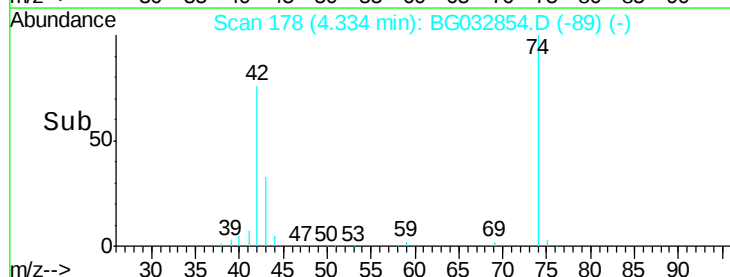
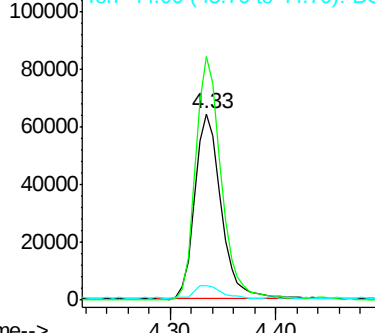
42 100

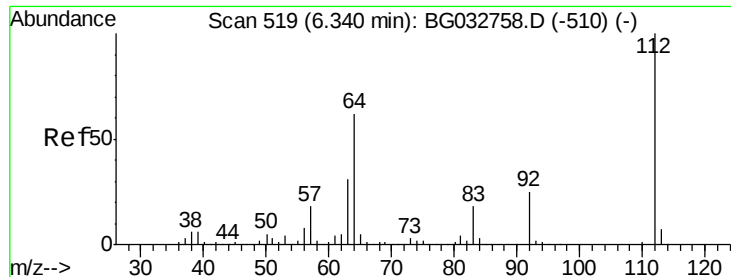
74 130.5 102.5 153.7

44 7.9 18.9 28.3#



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





#5

2-Fluorophenol

Concen: 111.89 ng

RT: 6.34 min Scan# 519

Delta R.T. 0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

Instrument :

BNA_G

ClientSampled :

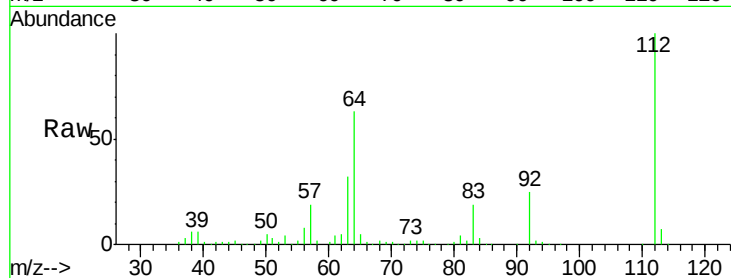
Tot Ion: 112 Resp: 597740

Ion Ratio Lower Upper

112 100

64 62.8 56.3 84.5

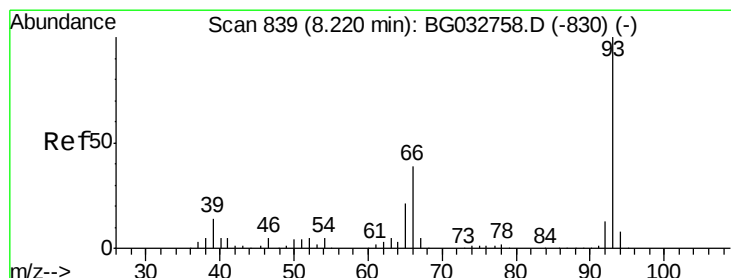
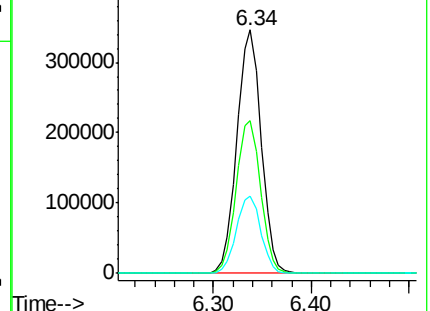
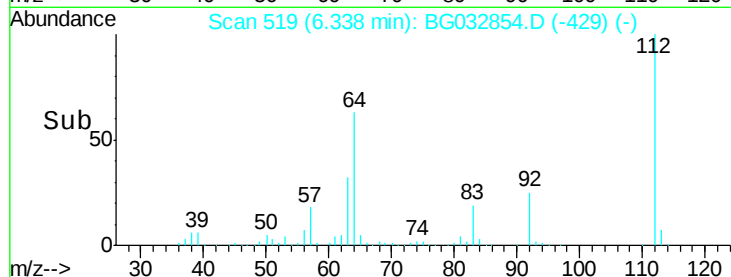
63 31.6 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 15.45 ng

RT: 8.21 min Scan# 838

Delta R.T. -0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

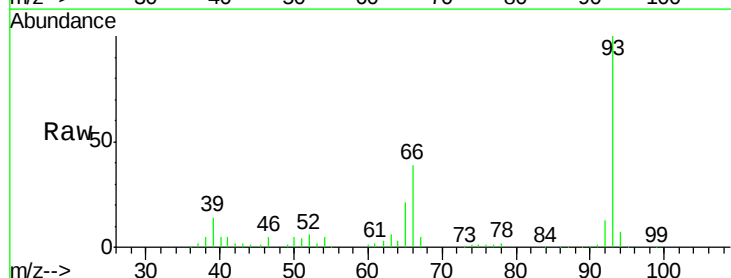
Tgt Ion: 93 Resp: 155765

Ion Ratio Lower Upper

93 100

66 38.5 33.7 50.5

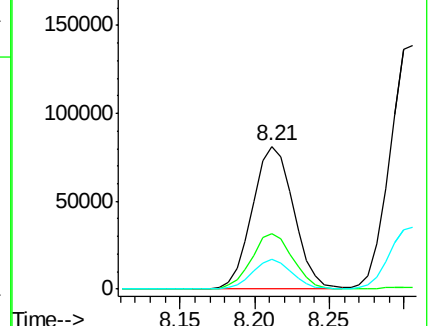
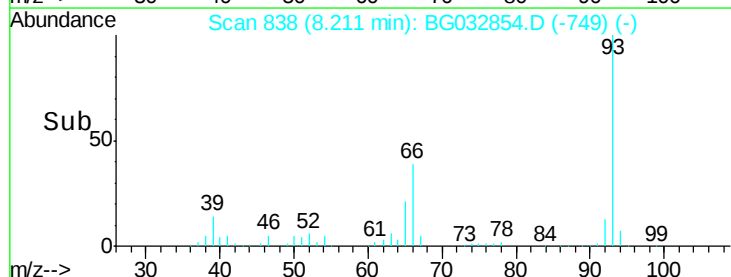
65 21.2 16.1 24.1



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: 98.39 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

Instrument :

BNA_G

ClientSampled :

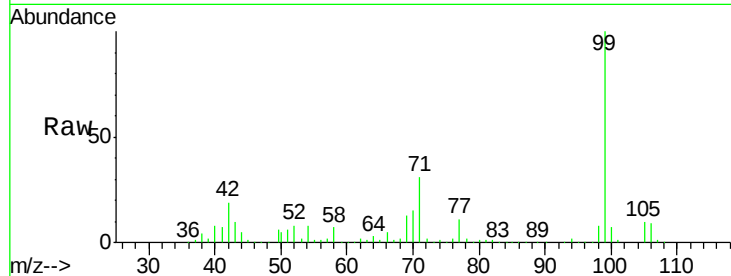
Tot Ion: 99 Resp: 732634

Ion Ratio Lower Upper

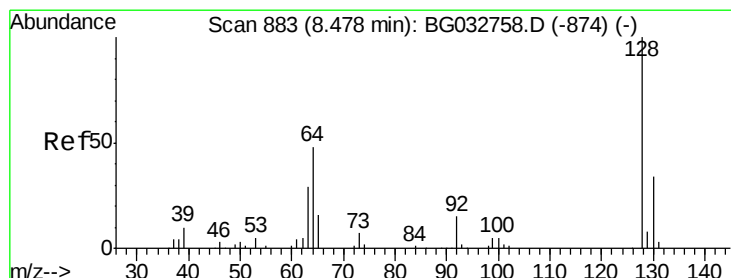
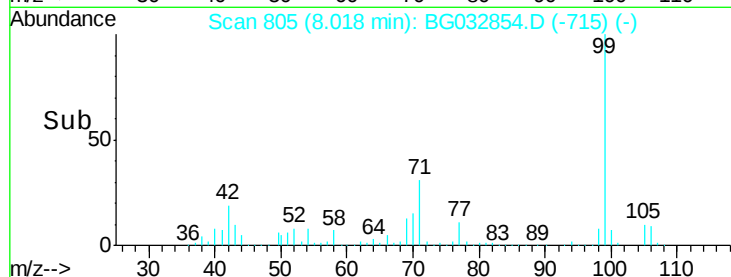
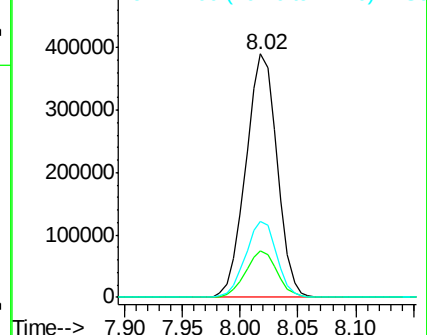
99 100

42 19.2 14.1 21.1

71 31.3 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: 42.95 ng

RT: 8.47 min Scan# 882

Delta R.T. 0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

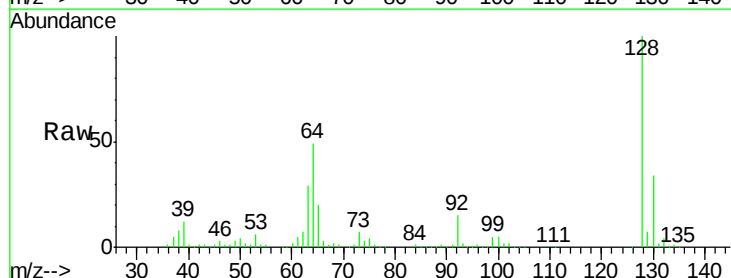
Tgt Ion:128 Resp: 251126

Ion Ratio Lower Upper

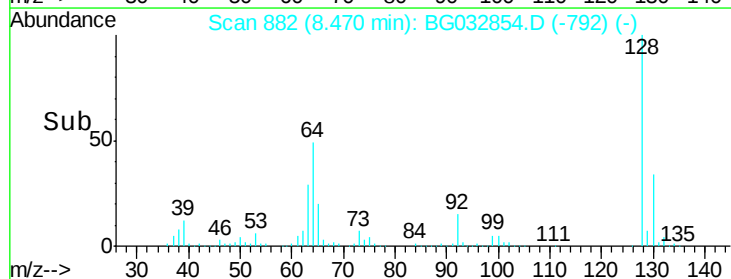
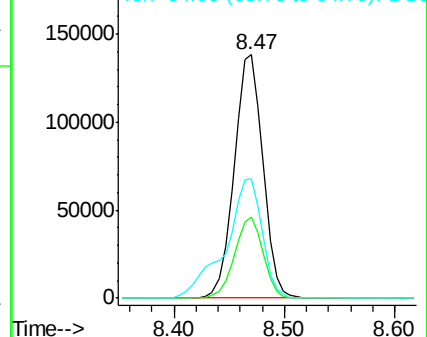
128 100

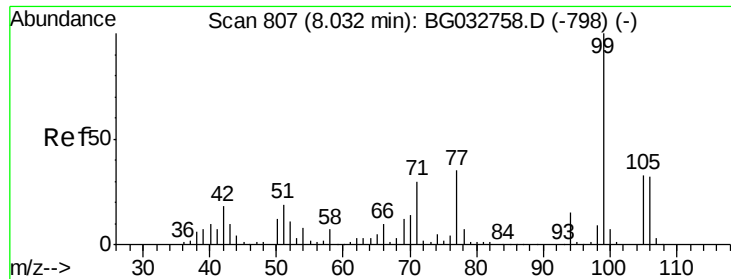
130 33.5 14.0 54.0

64 49.1 37.7 77.7



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





#9

Benzaldehyde

Concen: 18.11 ng

RT: 8.02 min Scan# 805

Delta R.T. -0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

Instrument :

BNA_G

ClientSampleId :

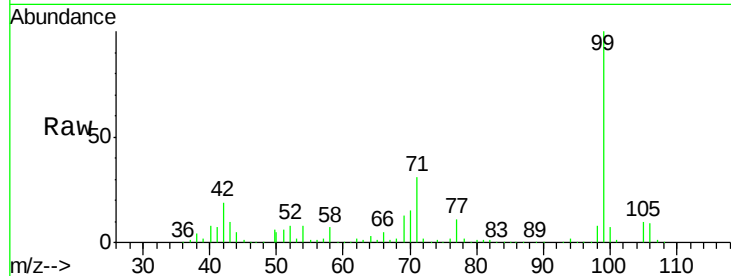
Tot Ion: 77 Resp: 77709

Ion Ratio Lower Upper

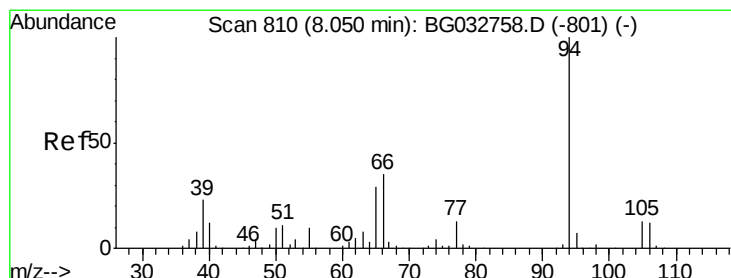
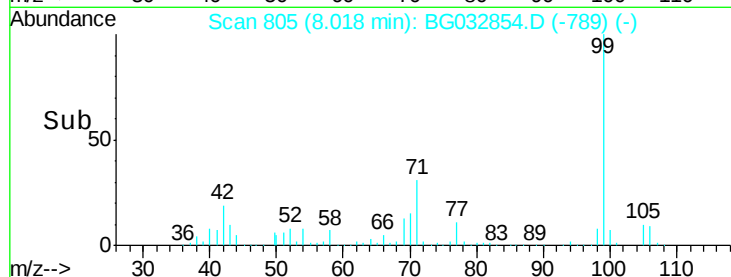
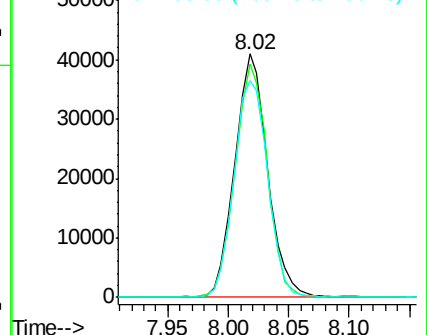
77 100

105 95.9 71.3 111.3

106 89.1 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 36.86 ng

RT: 8.05 min Scan# 810

Delta R.T. 0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

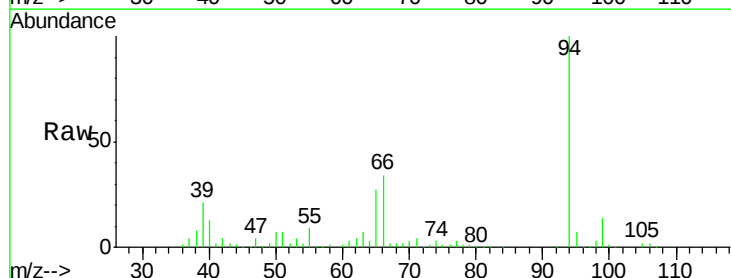
Tgt Ion: 94 Resp: 276663

Ion Ratio Lower Upper

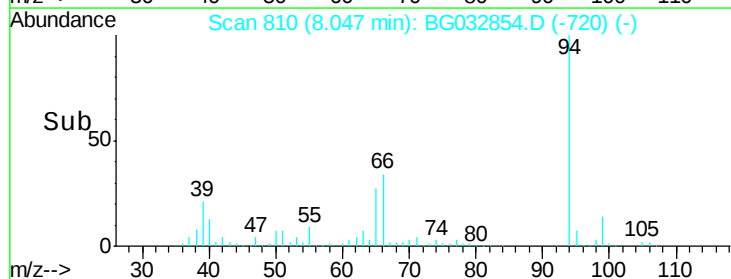
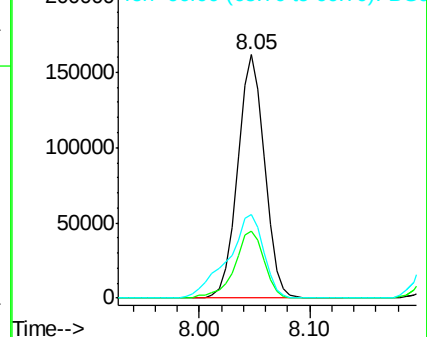
94 100

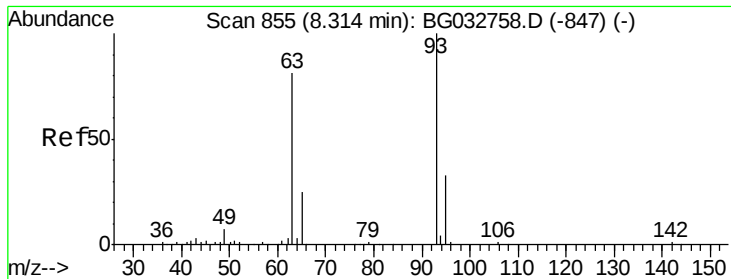
65 27.4 11.9 51.9

66 34.4 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 39.00 ng

RT: 8.31 min Scan# 854

Delta R.T. 0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

Instrument :

BNA_G

ClientSampleId :

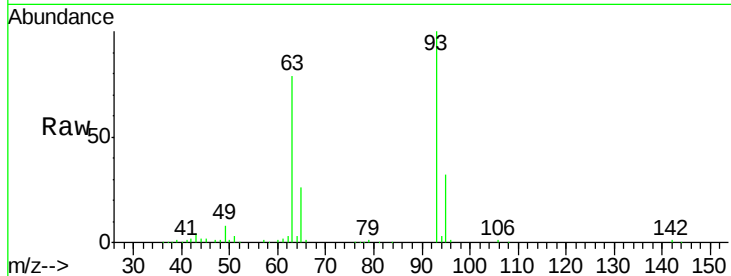
Tot Ion: 93 Resp: 239368

Ion Ratio Lower Upper

93 100

63 78.5 67.1 107.1

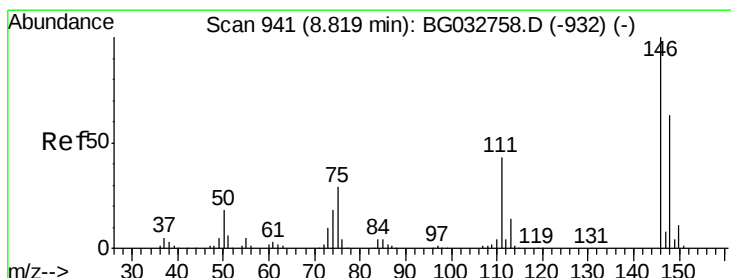
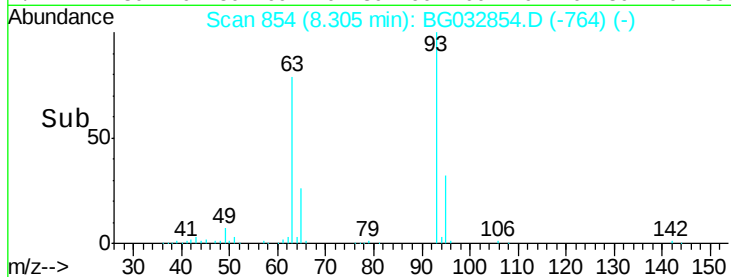
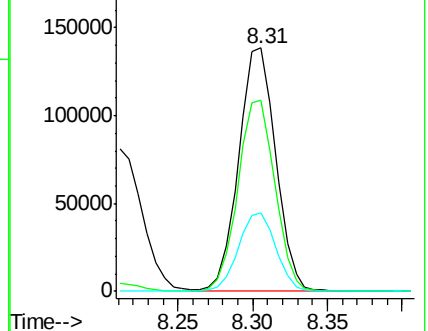
95 32.5 11.5 51.5



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 36.57 ng

RT: 8.81 min Scan# 940

Delta R.T. -0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

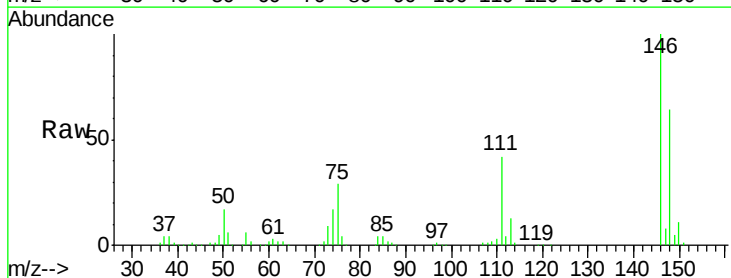
Tgt Ion: 146 Resp: 250468

Ion Ratio Lower Upper

146 100

148 64.4 51.4 77.2

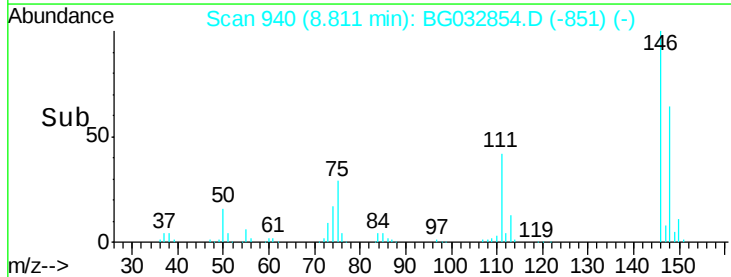
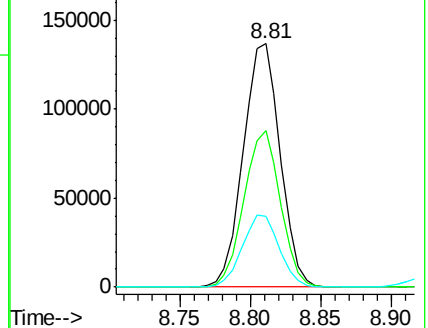
75 29.1 26.6 39.8

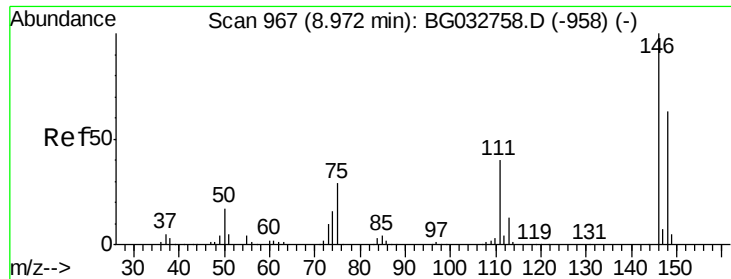


Abundance Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC

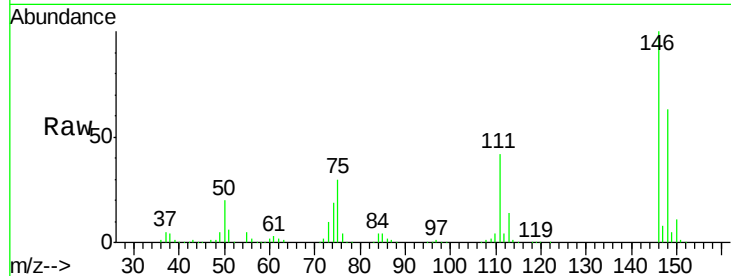




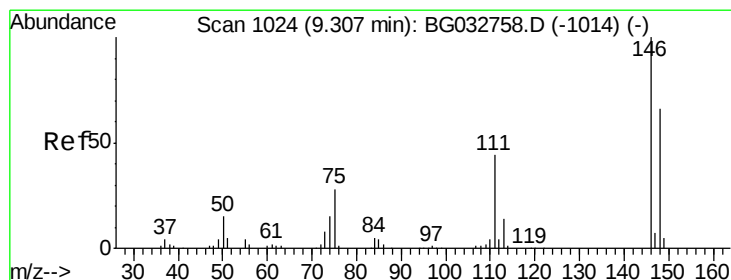
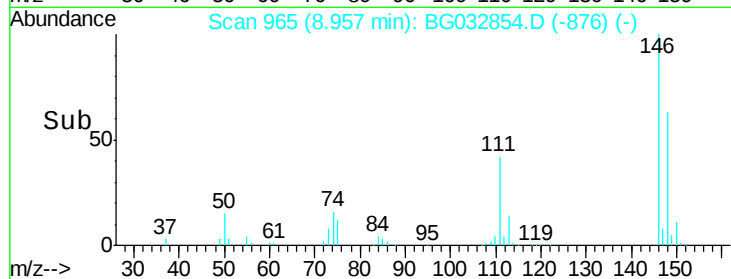
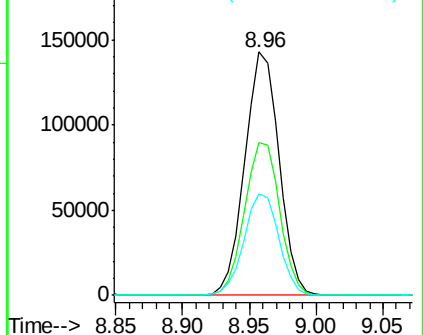
#13
 1,4-Dichlorobenzene
 Concen: 36.73 ng
 RT: 8.96 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: BG032854.D
 Acq: 27 Feb 2018 14:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.7	53.7	80.5
111	41.7	35.2	52.8

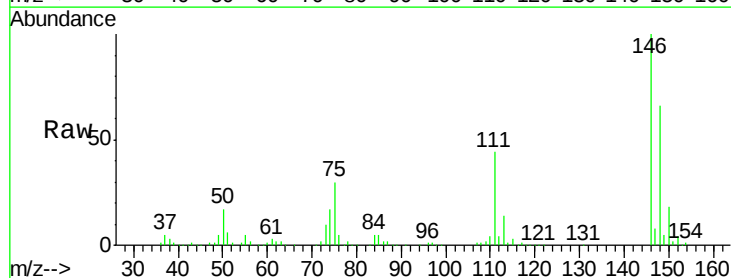


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

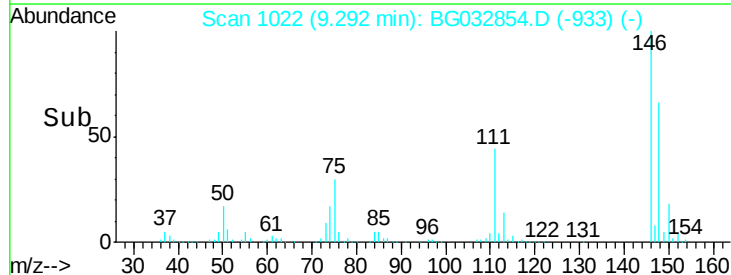
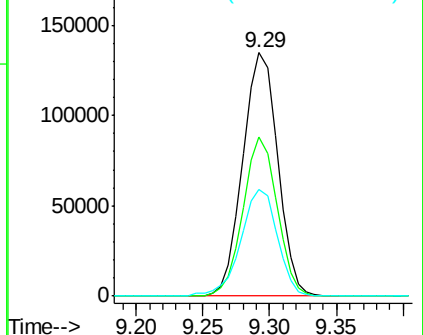


#14
 1,2-Dichlorobenzene
 Concen: 36.98 ng
 RT: 9.29 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BG032854.D
 Acq: 27 Feb 2018 14:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	49.3	73.9
111	43.8	34.3	51.5



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.30 ng

RT: 9.15 min Scan# 998

Delta R.T. -0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

Instrument :
BNA_G
ClientSampleId :

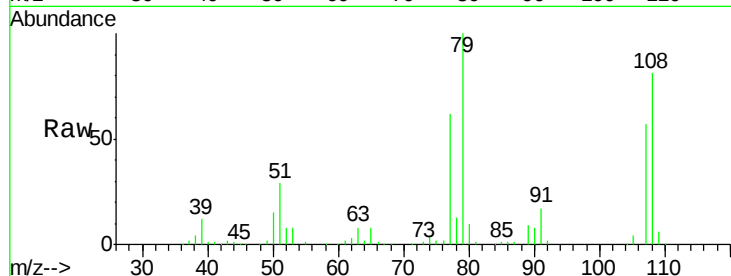
Tot Ion: 79 Resp: 220605

Ion Ratio Lower Upper

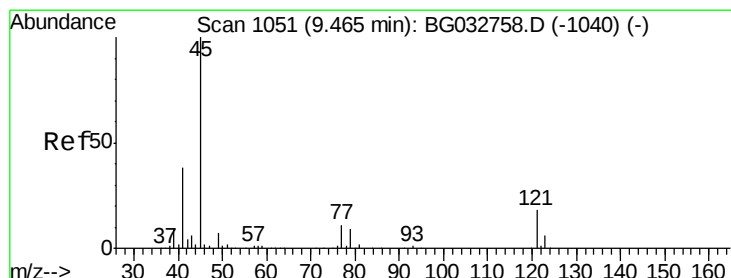
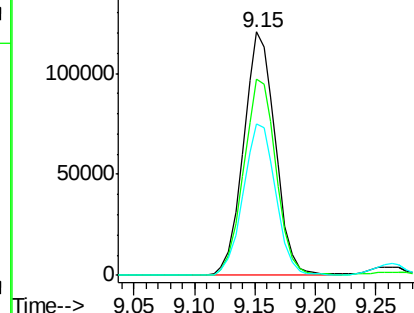
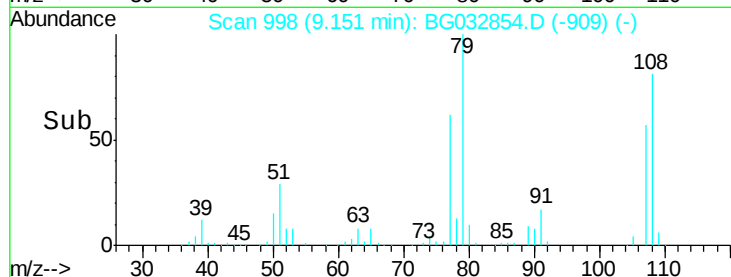
79 100

108 80.5 57.2 85.8

77 62.2 46.1 69.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.80 ng

RT: 9.45 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

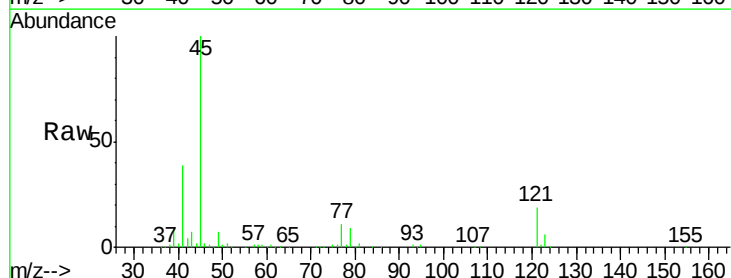
Tgt Ion: 45 Resp: 388299

Ion Ratio Lower Upper

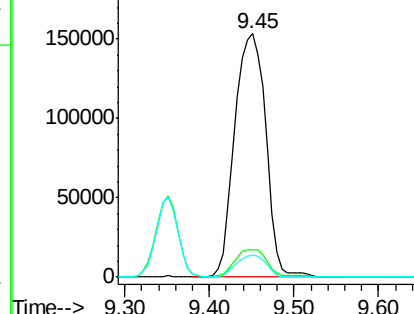
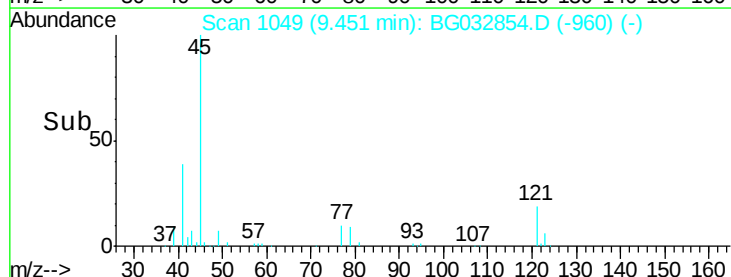
45 100

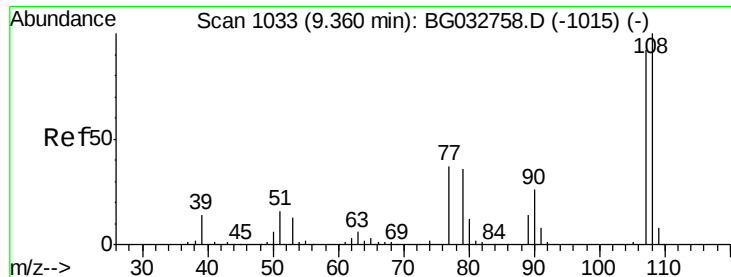
77 11.3 0.0 30.2

79 9.4 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: 38.06 ng

RT: 9.35 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 210661

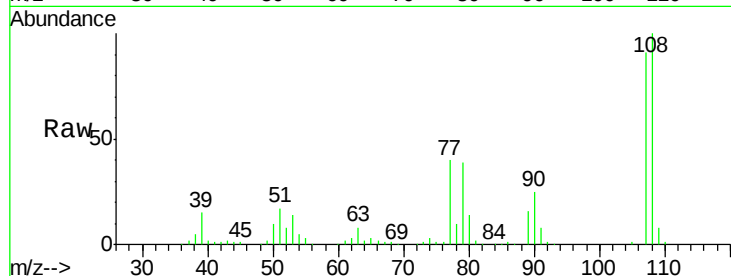
Ion Ratio Lower Upper

107 100

108 109.8 83.9 125.9

77 43.5 37.2 55.8

79 43.0 36.2 54.2

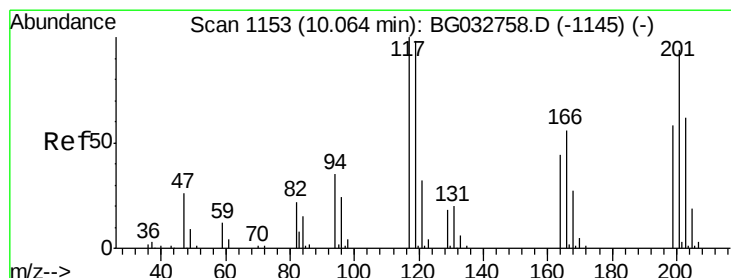
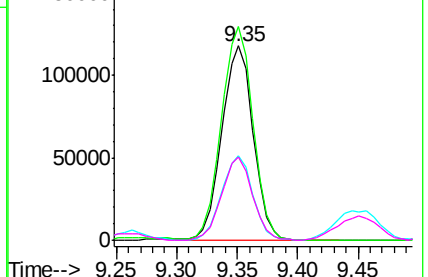
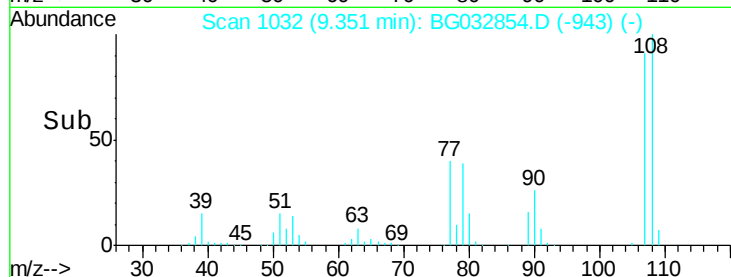


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 39.72 ng

RT: 10.05 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

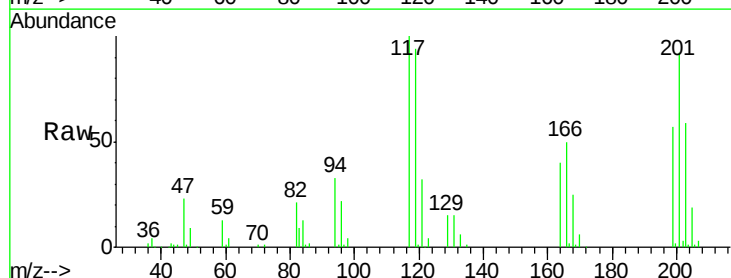
Tgt Ion:117 Resp: 93243

Ion Ratio Lower Upper

117 100

119 93.5 76.7 115.1

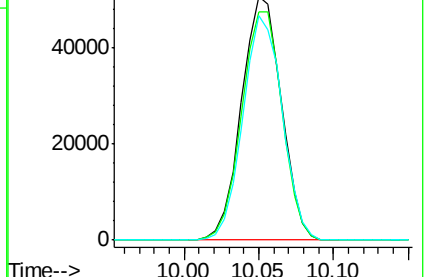
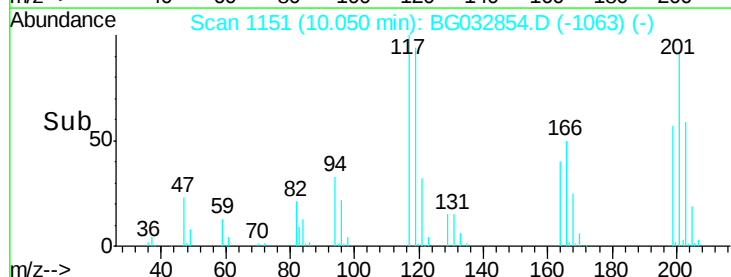
201 92.3 95.7 143.5#

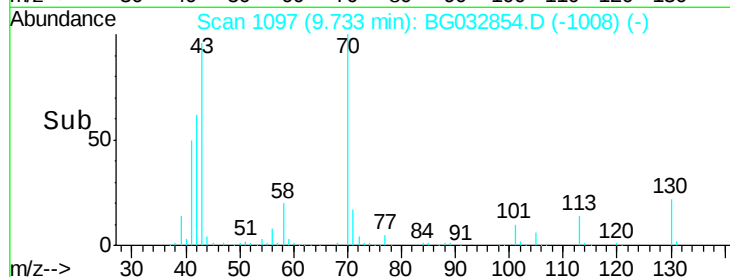
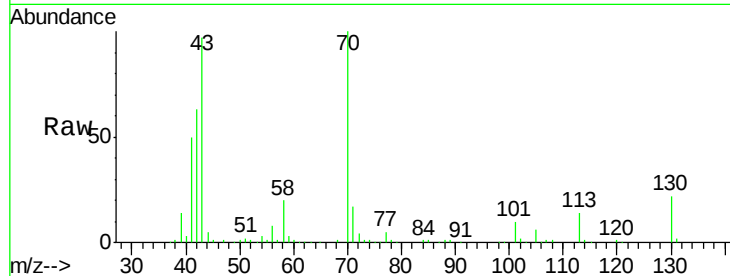
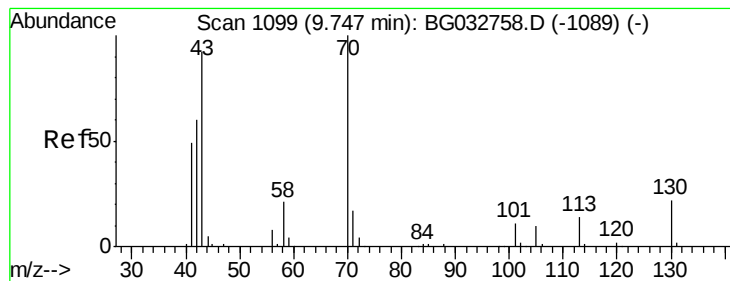


Abundance Ion 117.00 (116.70 to 117.70): E

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: 37.46 ng

RT: 9.73 min Scan# 1097

Delta R.T. -0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 196899

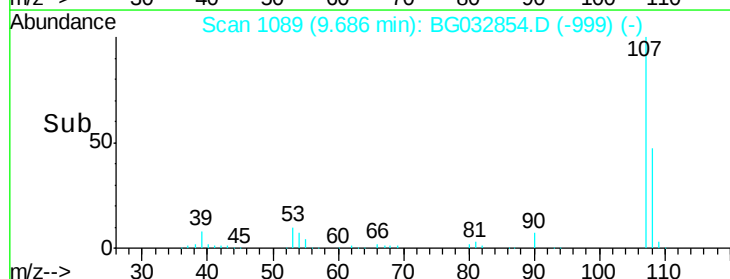
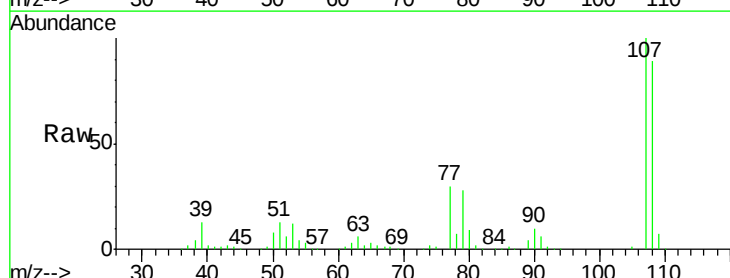
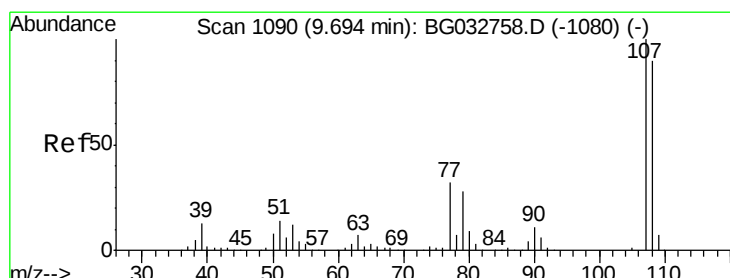
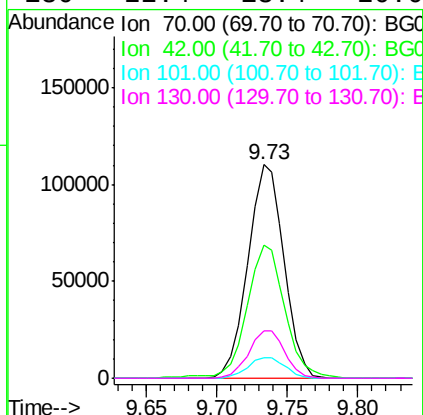
Ion Ratio Lower Upper

70 100

42 62.6 49.1 73.7

101 9.9 8.5 12.7

130 22.4 13.4 20.0#



#20

3+4-Methylphenols

Concen: 37.67 ng

RT: 9.69 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

Tgt Ion: 107 Resp: 289940

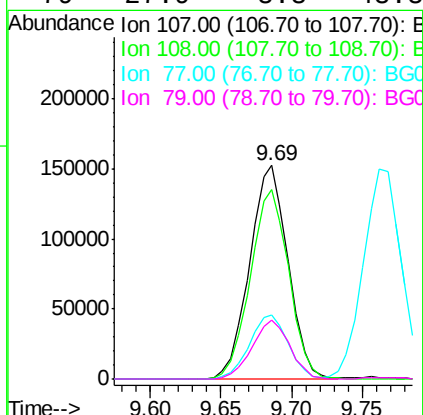
Ion Ratio Lower Upper

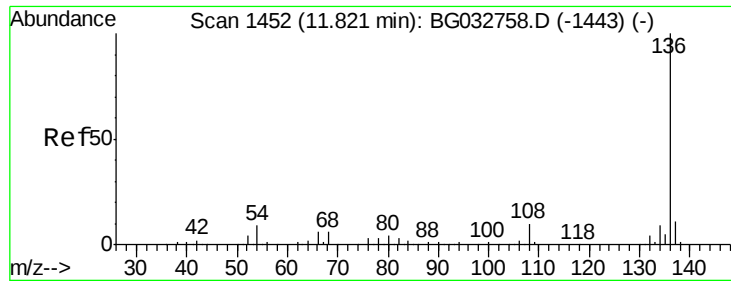
107 100

108 88.8 61.6 101.6

77 30.2 13.9 53.9

79 27.9 8.8 48.8

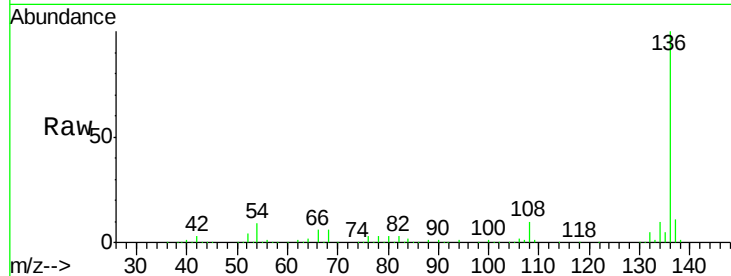




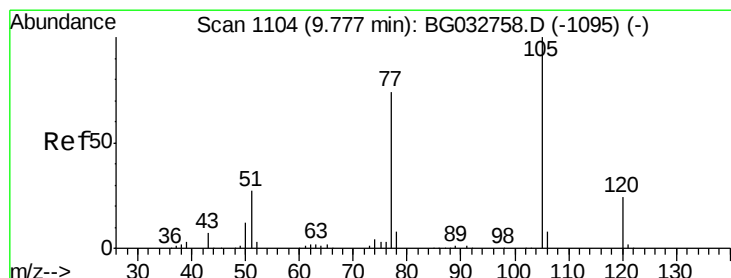
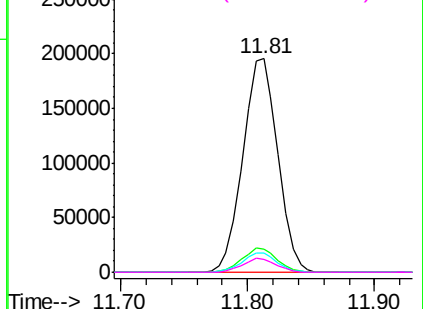
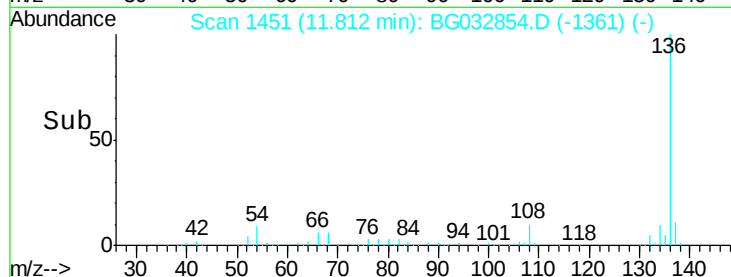
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.81 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	372653
Ion Ratio	Lower	Upper
136	100	
137	10.7	9.2 13.8
54	8.9	10.3 15.5#
68	5.9	4.5 6.7

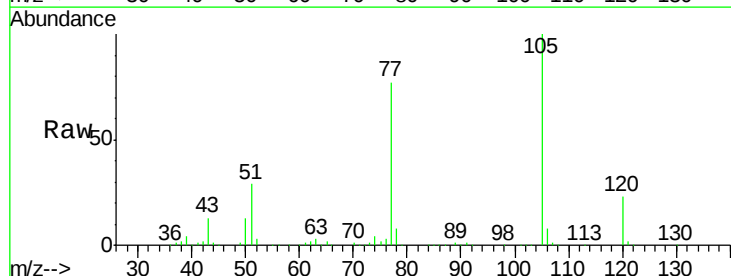


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

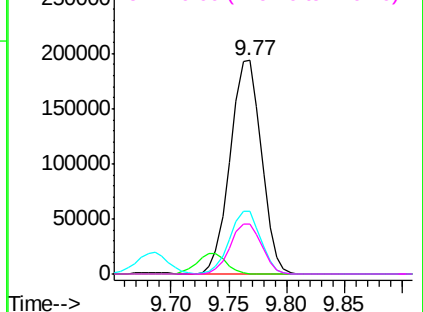
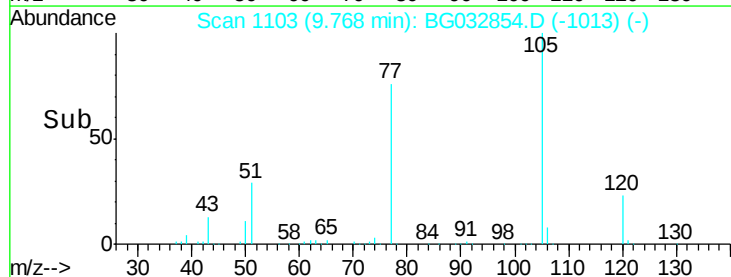


#22
Acetophenone
Concen: 38.75 ng
RT: 9.77 min Scan# 1103
Delta R.T. 0.00 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

Tgt Ion:105	Resp:	364663
Ion Ratio	Lower	Upper
105	100	
71	0.2	3.0 4.4#
51	29.3	26.1 39.1
120	23.3	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

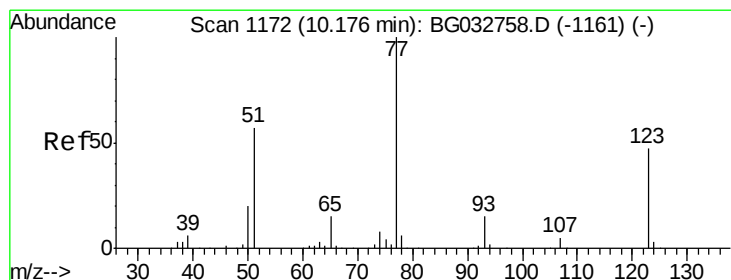
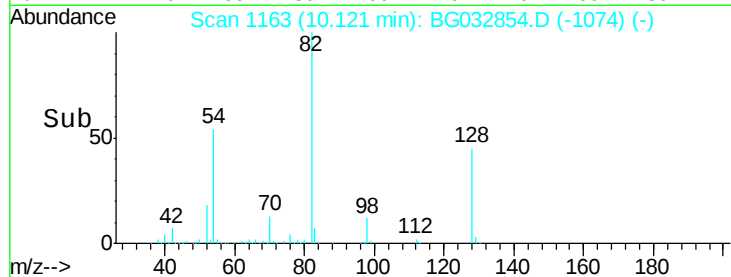
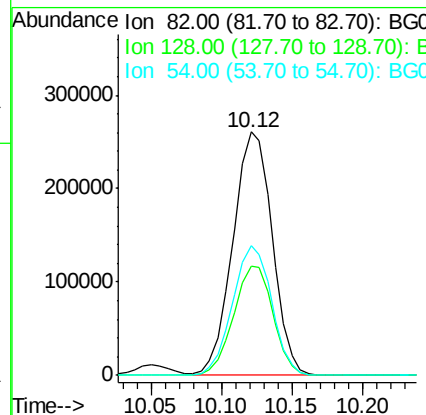
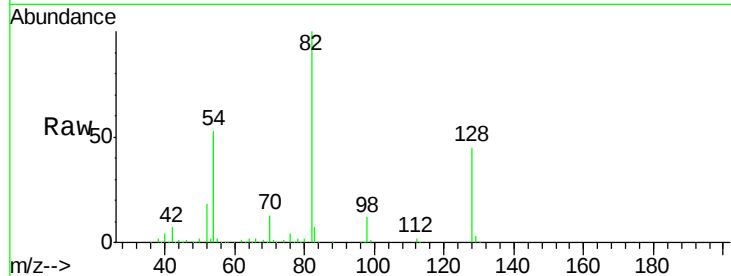




#23
 Nitrobenzene-d5
 Concen: 93.27 ng
 RT: 10.12 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BG032854.D
 Acq: 27 Feb 2018 14:33

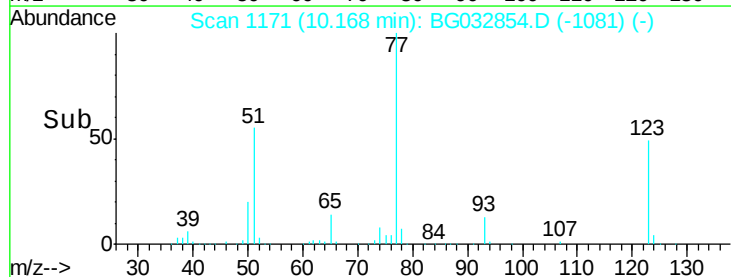
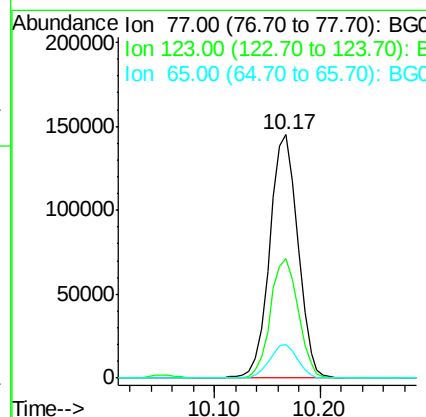
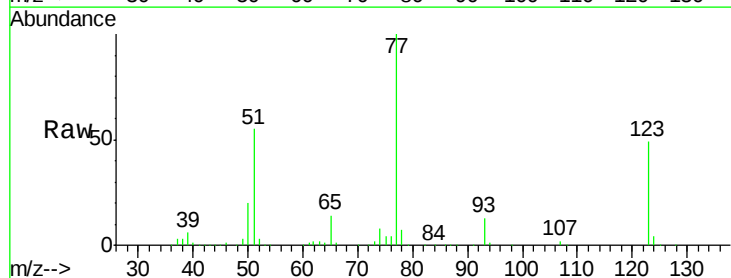
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	506718
Ion	Ratio	Lower	Upper
82	100		
128	44.8	29.7	44.5#
54	53.5	43.1	64.7



#24
 Nitrobenzene
 Concen: 45.45 ng
 RT: 10.17 min Scan# 1171
 Delta R.T. 0.00 min
 Lab File: BG032854.D
 Acq: 27 Feb 2018 14:33

Tgt Ion	77	Resp	267797
Ion	Ratio	Lower	Upper
77	100		
123	49.2	33.0	49.6
65	13.8	13.0	19.6





#25

Isophorone

Concen: 41.31 ng

RT: 10.69 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

Instrument :

BNA_G

ClientSampleId :

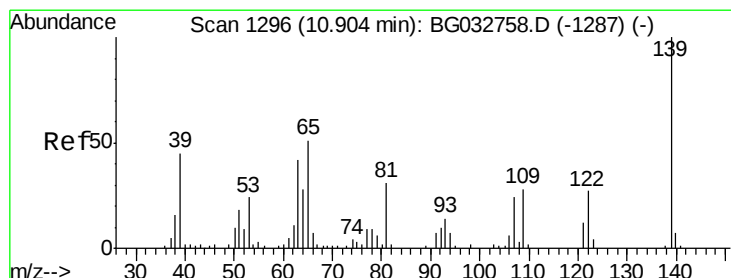
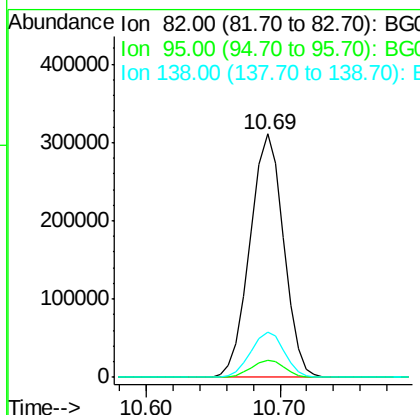
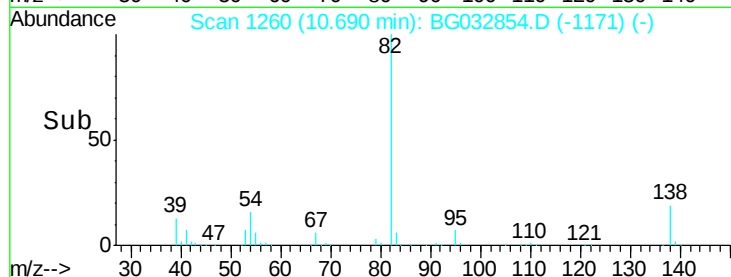
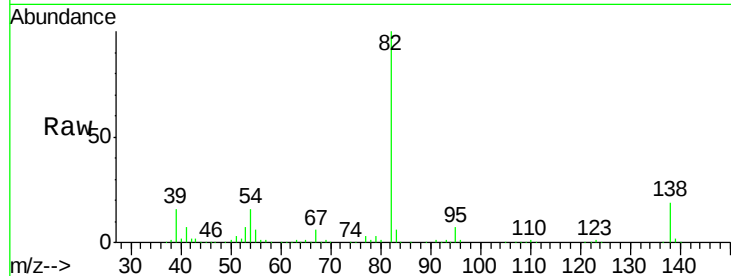
Tot Ion: 82 Resp: 540311

Ion Ratio Lower Upper

82 100

95 7.2 6.2 9.2

138 18.8 12.1 18.1#



#26

2-Nitrophenol

Concen: 58.00 ng

RT: 10.89 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

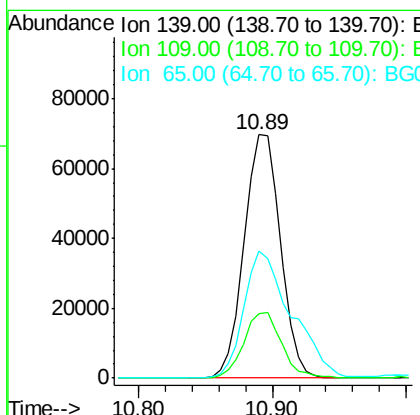
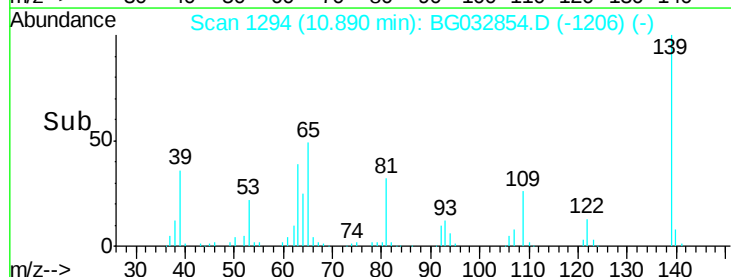
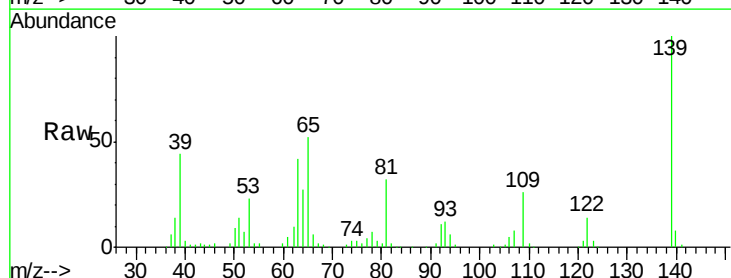
Tgt Ion: 139 Resp: 130873

Ion Ratio Lower Upper

139 100

109 26.3 24.2 36.2

65 52.4 47.4 71.0

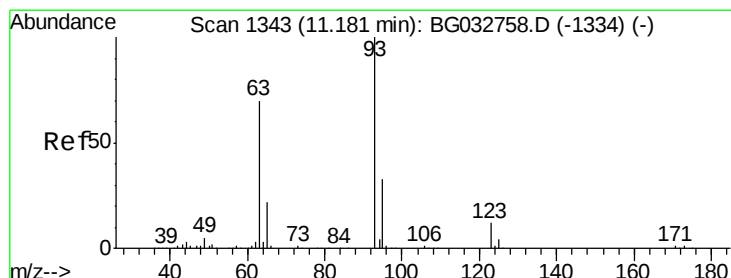
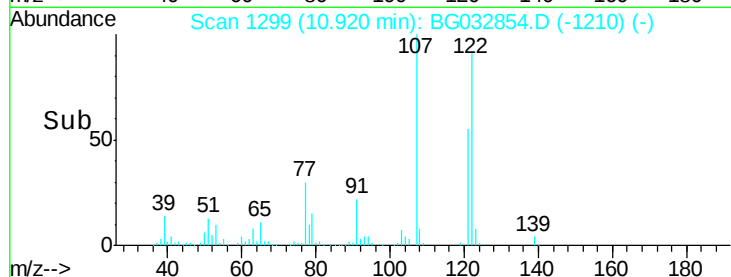
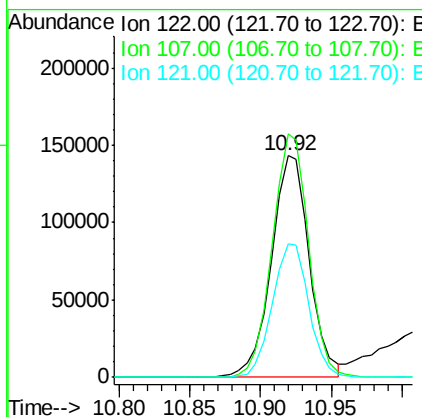
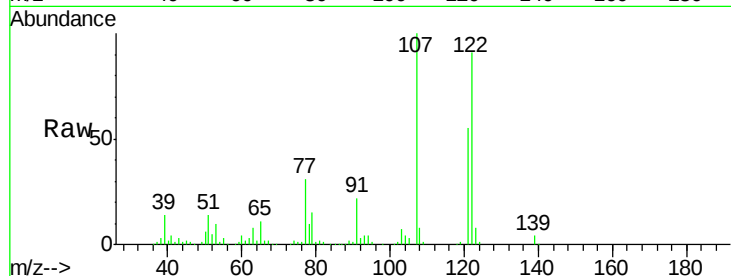




#27
2,4-Dimethylphenol
Concen: 47.40 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

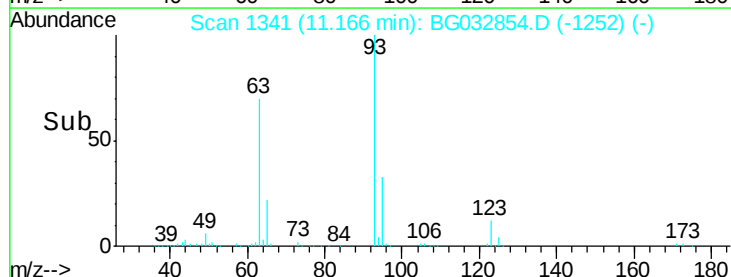
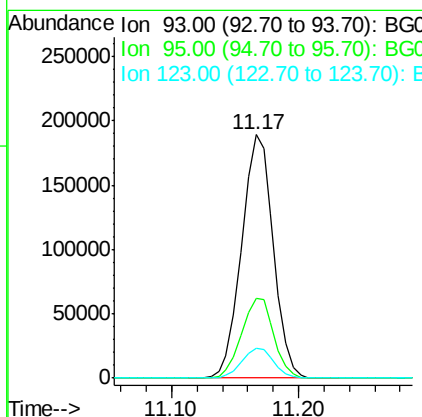
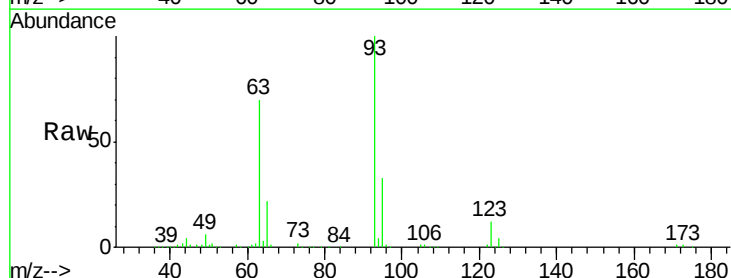
Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 269306
Ion Ratio Lower Upper
122 100
107 109.9 100.2 150.2
121 60.1 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 42.94 ng
RT: 11.17 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

Tgt Ion: 93 Resp: 327225
Ion Ratio Lower Upper
93 100
95 32.6 24.3 36.5
123 12.2 8.4 12.6

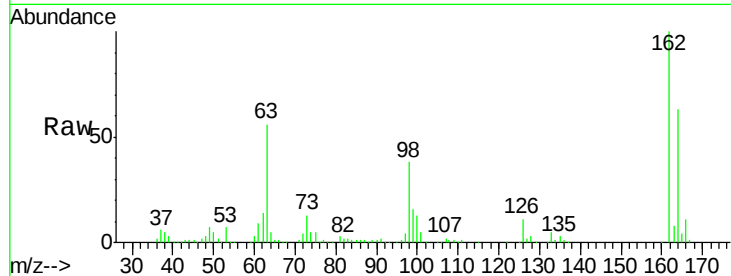




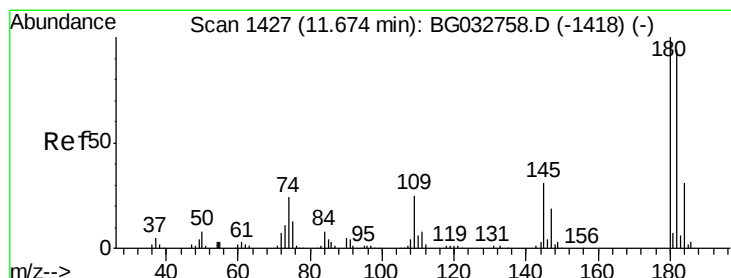
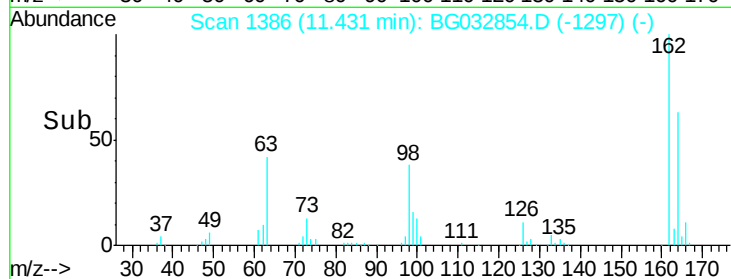
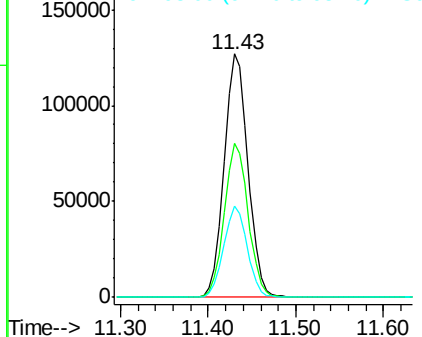
#29
 2,4-Dichlorophenol
 Concen: 45.99 ng
 RT: 11.43 min Scan# 1386
 Delta R.T. -0.00 min
 Lab File: BG032854.D
 Acq: 27 Feb 2018 14:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 237182
 Ion Ratio Lower Upper
 162 100
 164 63.2 48.0 88.0
 98 37.8 21.1 61.1

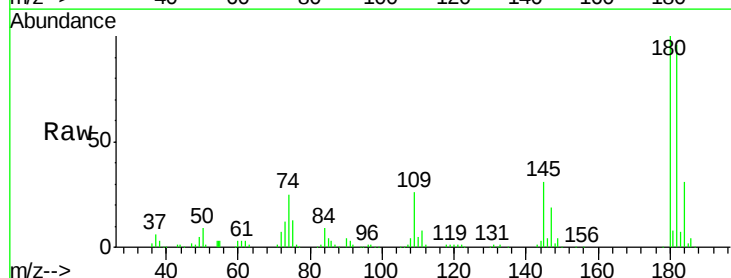


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

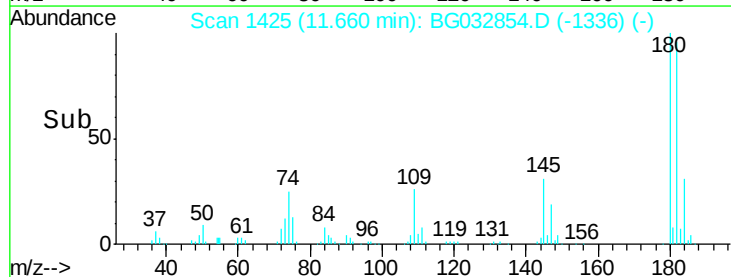
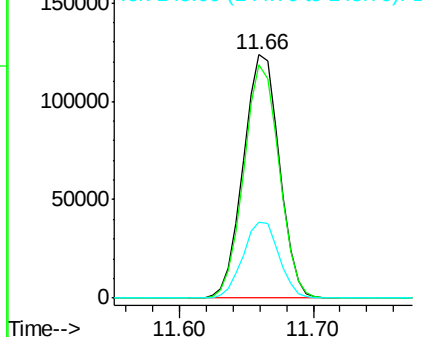


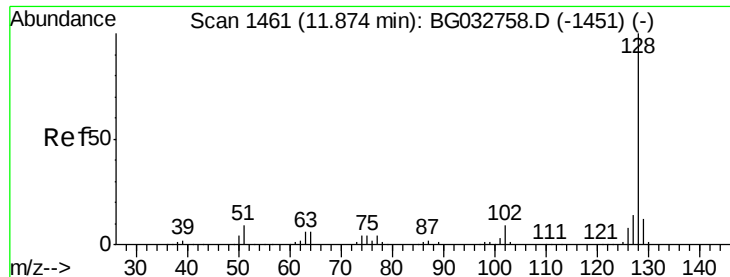
#30
 1,2,4-Trichlorobenzene
 Concen: 38.00 ng
 RT: 11.66 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: BG032854.D
 Acq: 27 Feb 2018 14:33

Tgt Ion:180 Resp: 229726
 Ion Ratio Lower Upper
 180 100
 182 96.1 77.5 116.3
 145 31.4 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

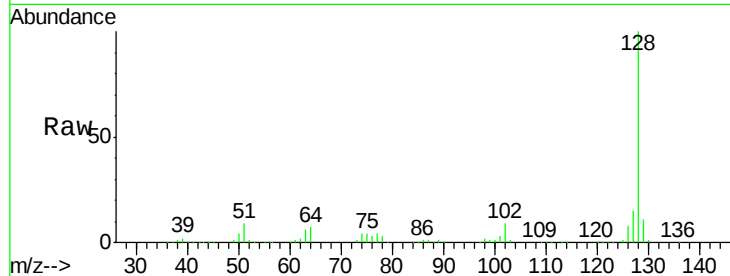




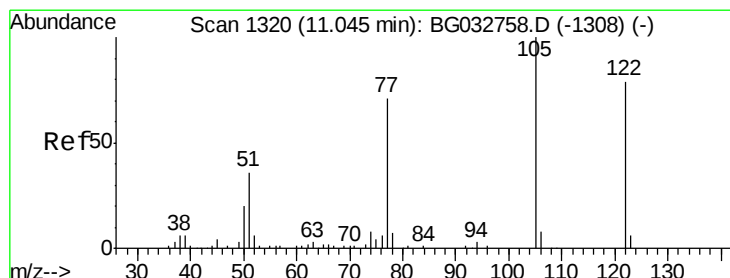
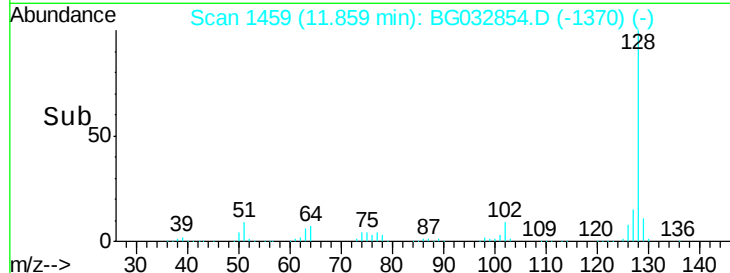
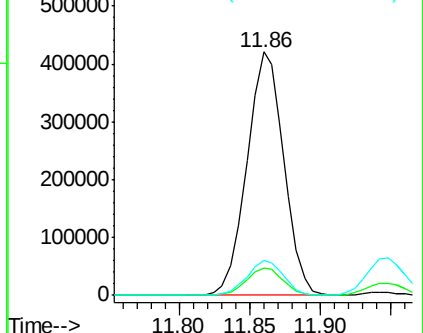
#31
Naphthalene
Concen: 39.54 ng
RT: 11.86 min Scan# 1459
Delta R.T. -0.00 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 769884
Ion Ratio Lower Upper
128 100
129 11.2 8.6 12.8
127 14.6 11.6 17.4

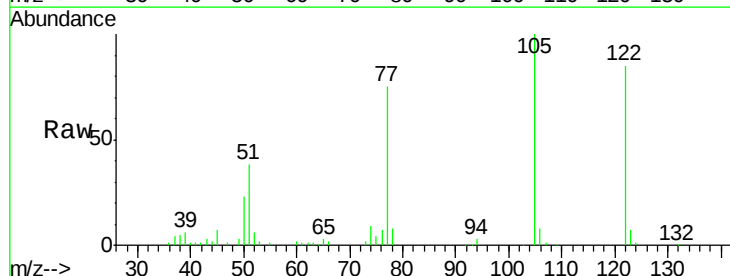


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

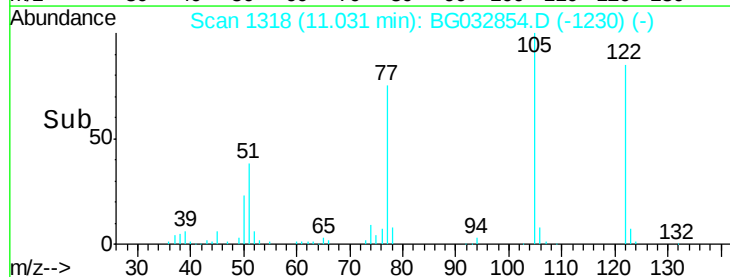
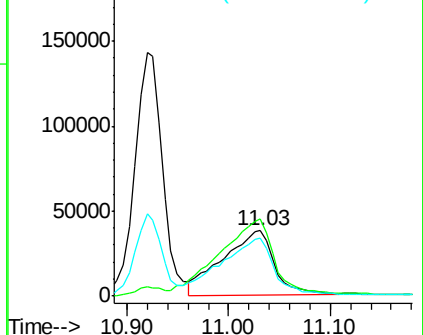


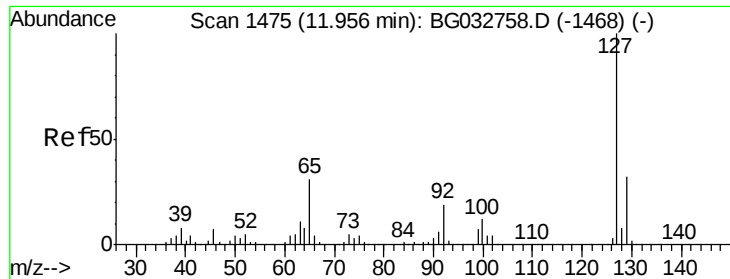
#32
Benzoic acid
Concen: 40.30 ng
RT: 11.03 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

Tgt Ion:122 Resp: 131721
Ion Ratio Lower Upper
122 100
105 117.0 123.5 163.5#
77 87.7 85.7 125.7



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

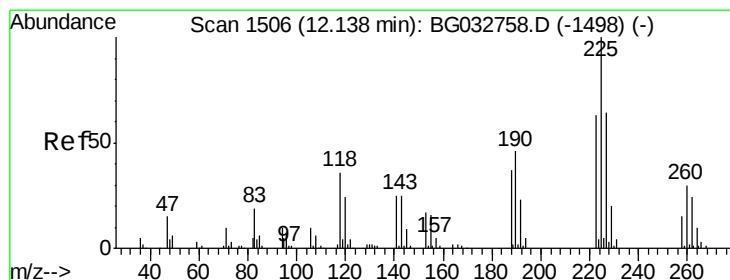
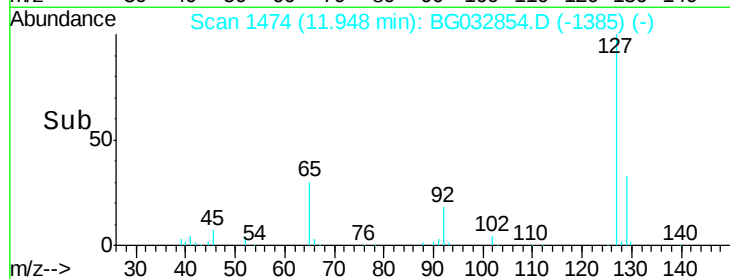
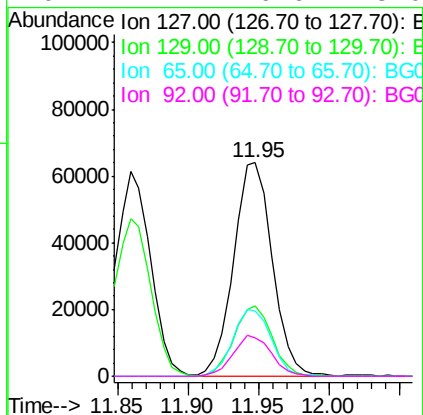
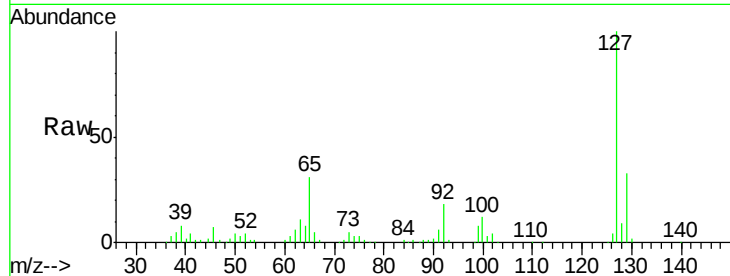




#33
4-Chloroaniline
Concen: 14.01 ng
RT: 11.95 min Scan# 1474
Delta R.T. -0.00 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

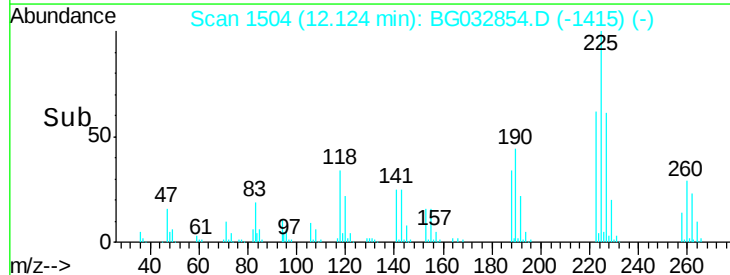
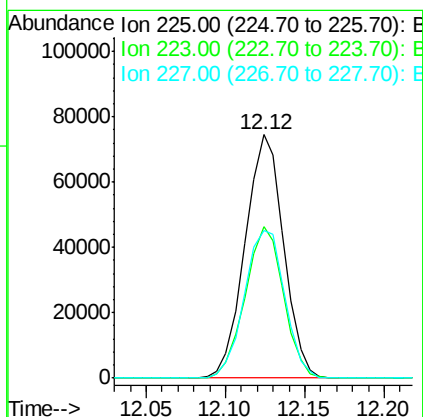
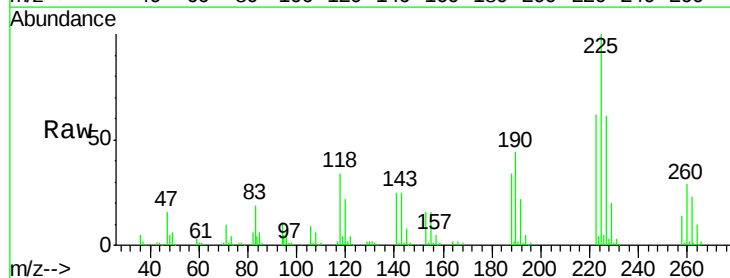
Instrument :
BNA_G
ClientSampled :

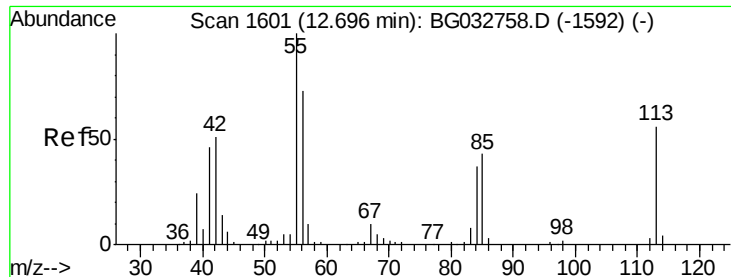
Tot Ion:	127	Resp:	122019
Ion	Ratio	Lower	Upper
127	100		
129	33.1	24.0	36.0
65	30.6	27.0	40.4
92	17.7	16.6	25.0



#34
Hexachlorobutadiene
Concen: 37.08 ng
RT: 12.12 min Scan# 1504
Delta R.T. -0.00 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

Tgt Ion:	225	Resp:	125716
Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.7	74.5
227	60.6	48.1	72.1





#35

Caprolactam

Concen: 34.05 ng

RT: 12.69 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

Instrument :

BNA_G

ClientSampleId :

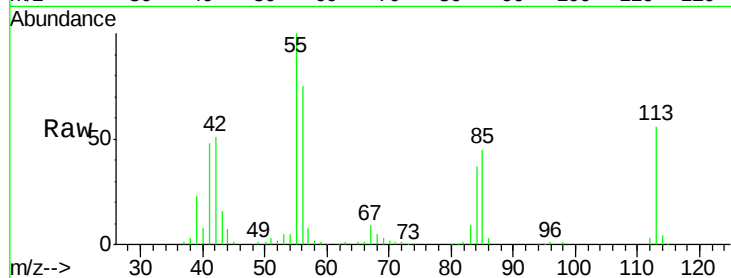
Tot Ion:113 Resp: 70301

Ion Ratio Lower Upper

113 100

55 178.1 186.9 226.9#

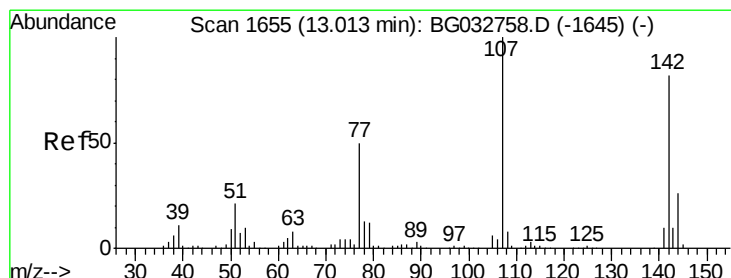
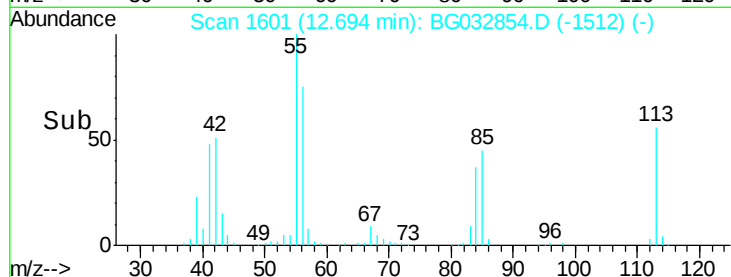
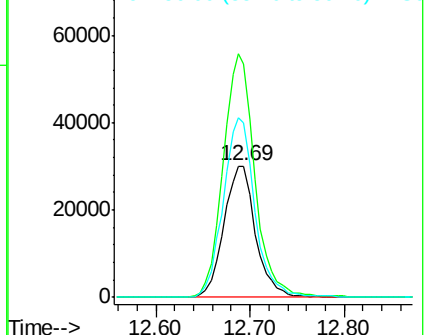
56 132.8 130.9 170.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 45.96 ng

RT: 13.00 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

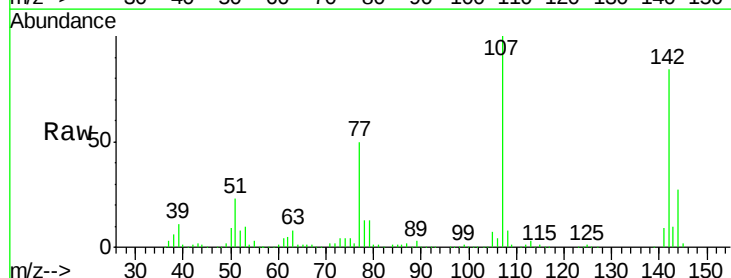
Tgt Ion:107 Resp: 275829

Ion Ratio Lower Upper

107 100

144 26.8 18.2 27.4

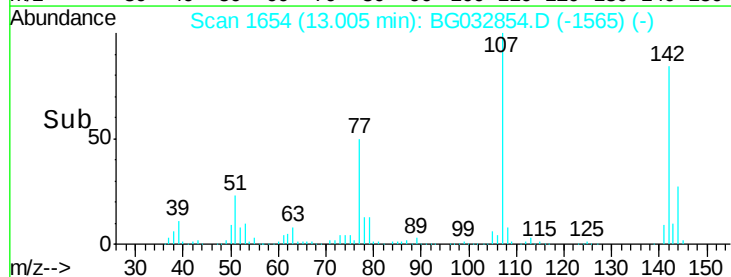
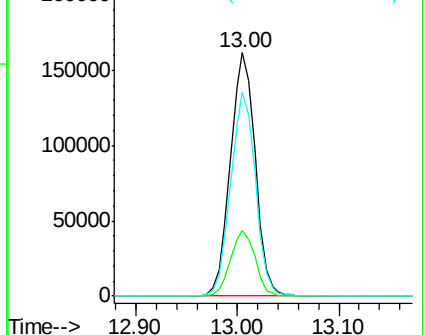
142 84.0 59.0 88.4



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

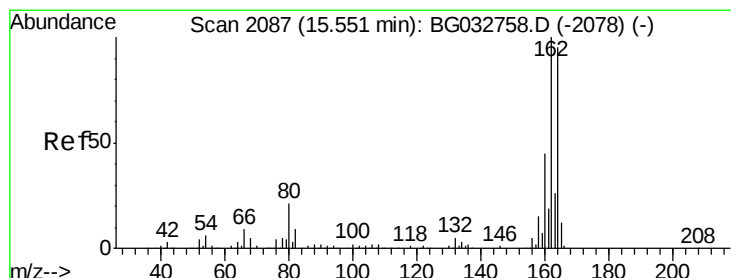
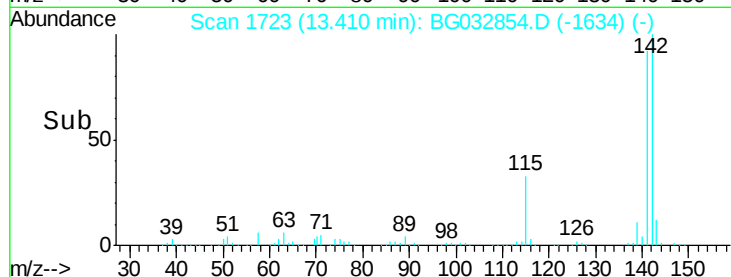
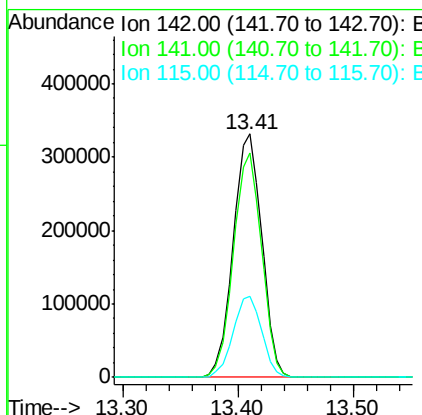
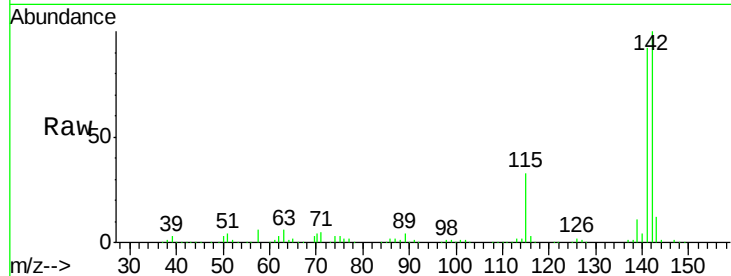




#37
2-Methylnaphthalene
Concen: 40.30 ng
RT: 13.41 min Scan# 1723
Delta R.T. -0.00 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

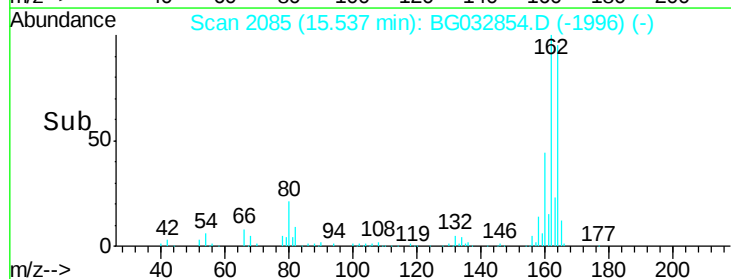
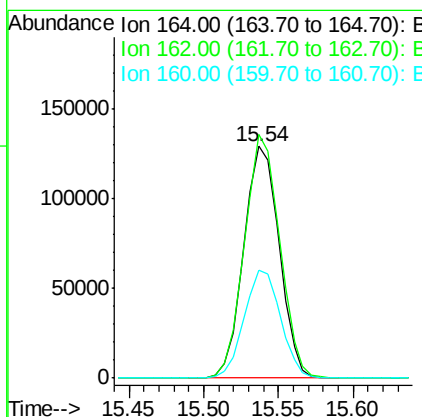
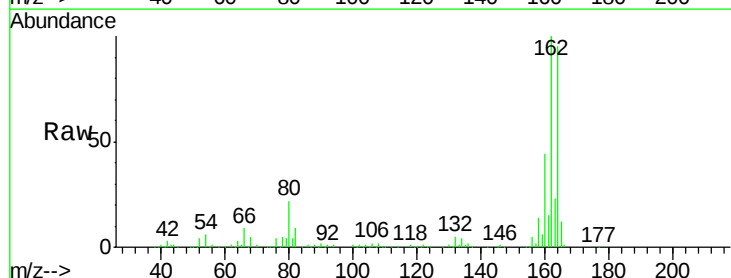
Instrument :
BNA_G
ClientSampled :

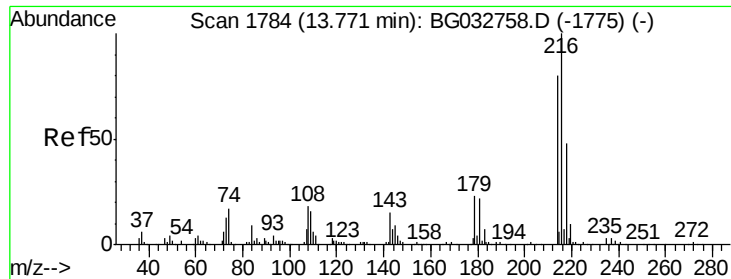
Tot Ion:142 Resp: 567725
Ion Ratio Lower Upper
142 100
141 92.1 67.1 100.7
115 33.4 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.00 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

Tgt Ion:164 Resp: 212181
Ion Ratio Lower Upper
164 100
162 105.1 78.8 118.2
160 46.3 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.33 ng

RT: 13.76 min Scan# 1782

Delta R.T. -0.00 min

Lab File: BG032854.D

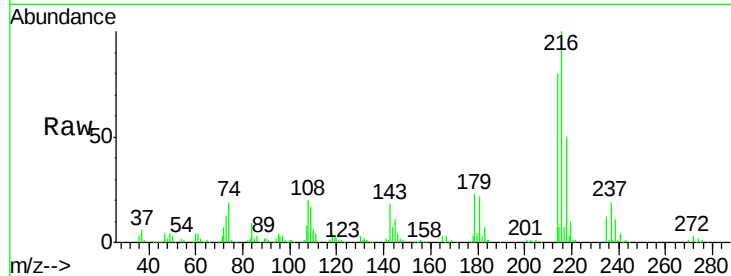
Acq: 27 Feb 2018 14:33

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	216	Resp:	235108
Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.0	94.4
179	23.0	17.0	25.6
108	23.8	12.8	19.2#

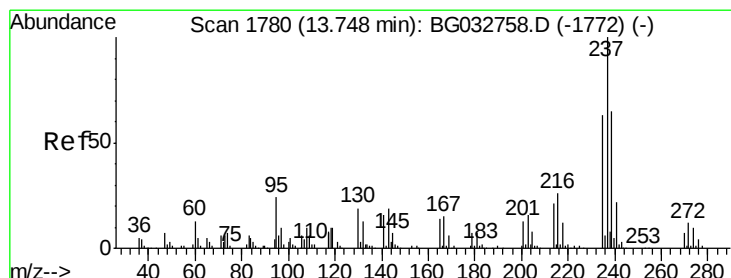
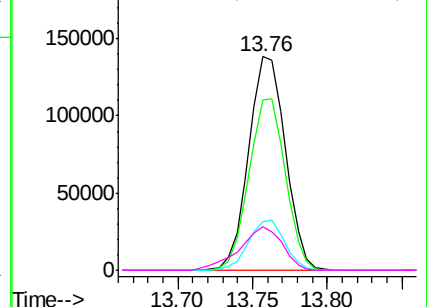
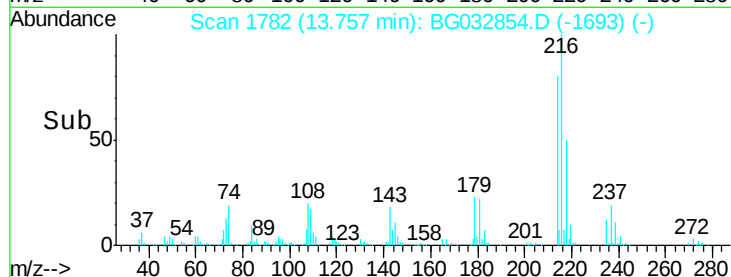


Abundance Ion 216.00 (215.70 to 216.70): E

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: 88.21 ng

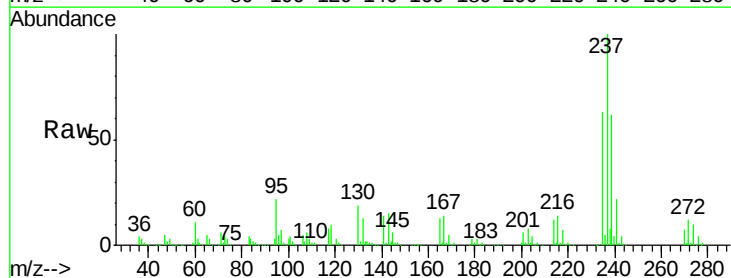
RT: 13.74 min Scan# 1779

Delta R.T. 0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

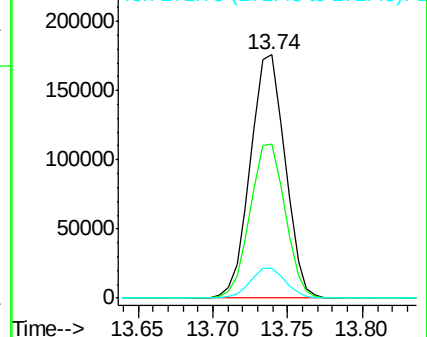
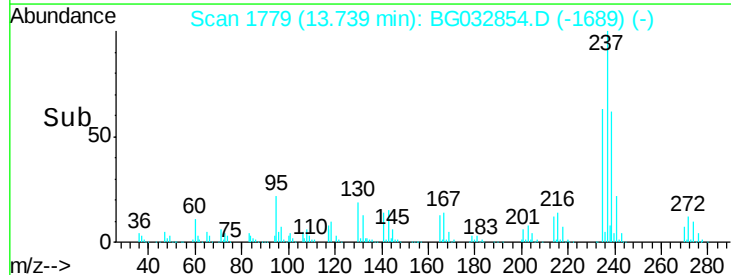
Tgt Ion:	237	Resp:	283172
Ion	Ratio	Lower	Upper
237	100		
235	63.4	50.4	90.4
272	12.5	0.0	31.8

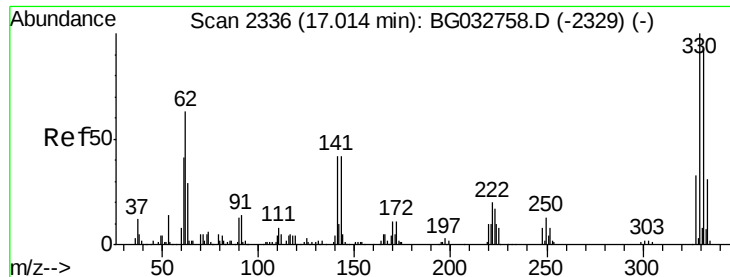


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

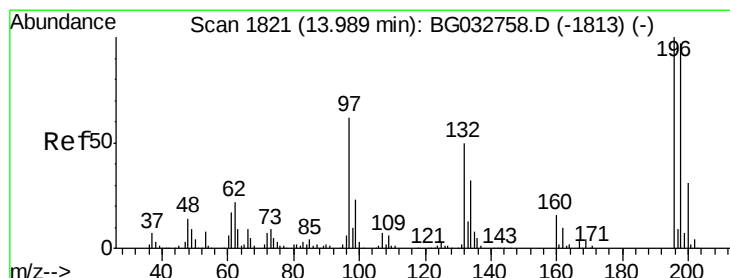
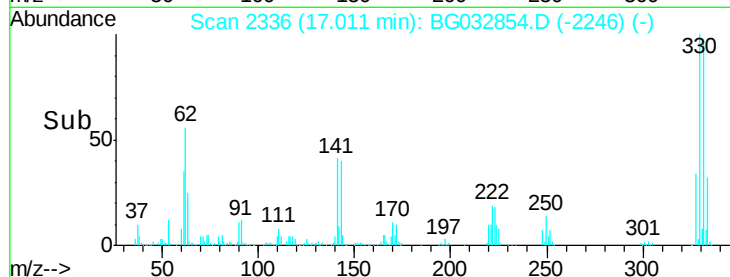
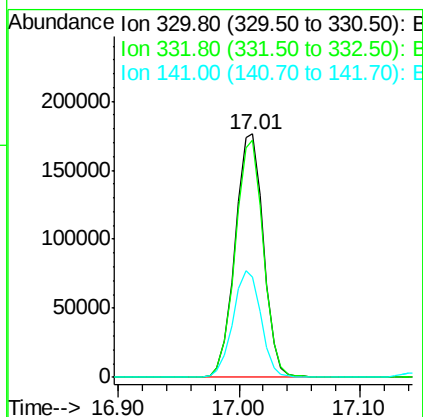
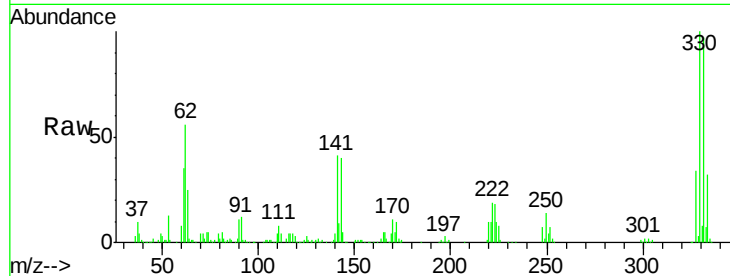




#41
 2,4,6-Tribromophenol
 Concen: 129.30 ng
 RT: 17.01 min Scan# 2336
 Delta R.T. 0.00 min
 Lab File: BG032854.D
 Acq: 27 Feb 2018 14:33

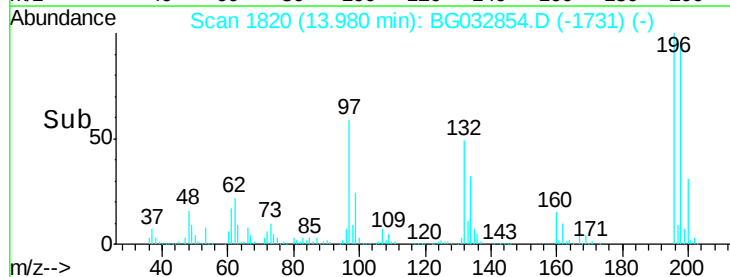
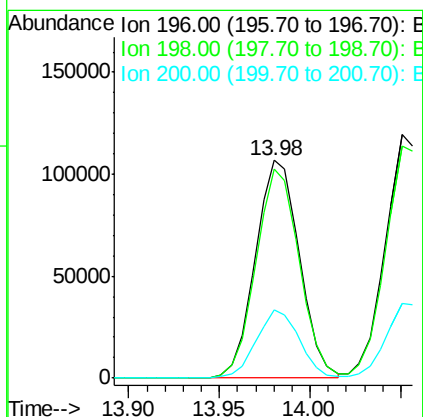
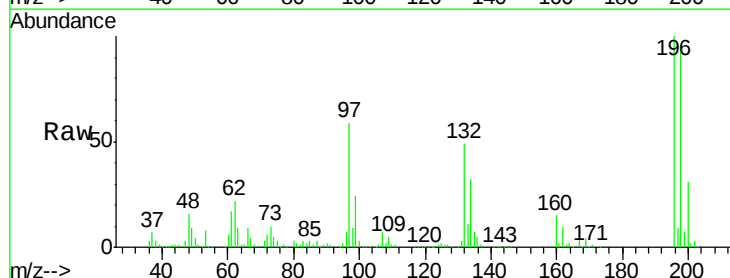
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 288475
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 43.6 25.2 37.8#



#42
 2,4,6-Trichlorophenol
 Concen: 45.42 ng
 RT: 13.98 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BG032854.D
 Acq: 27 Feb 2018 14:33

Tgt Ion:196 Resp: 180418
 Ion Ratio Lower Upper
 196 100
 198 96.0 78.2 117.2
 200 31.4 24.6 36.8

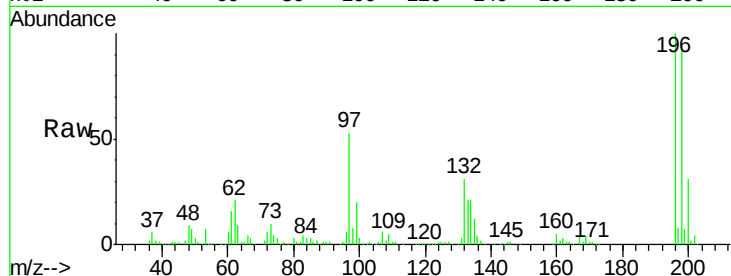




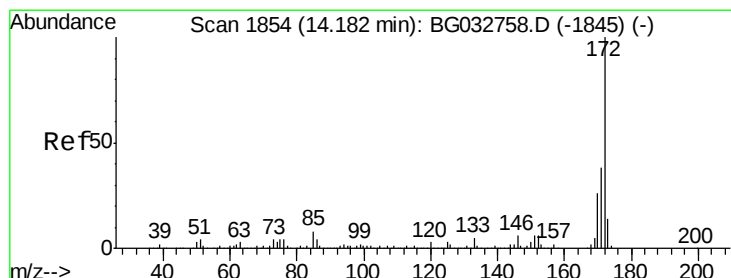
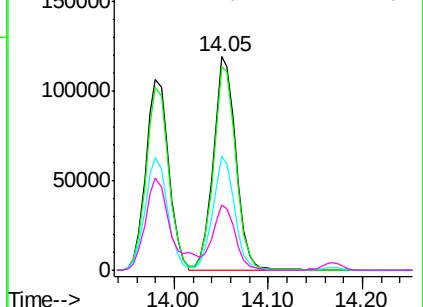
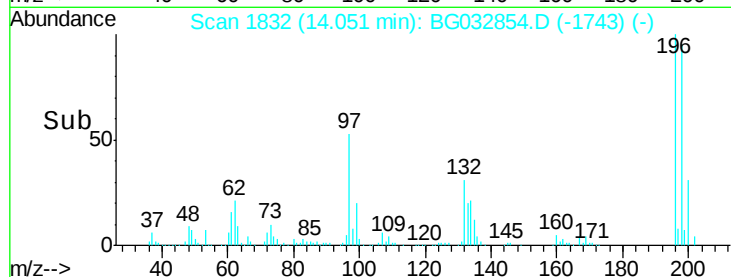
#43
 2,4,5-Trichlorophenol
 Concen: 43.71 ng
 RT: 14.05 min Scan# 1832
 Delta R.T. -0.00 min
 Lab File: BG032854.D
 Acq: 27 Feb 2018 14:33

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 200946
 Ion Ratio Lower Upper
 196 100
 198 95.3 76.2 114.4
 97 53.1 38.7 58.1
 132 30.8 20.2 30.2#

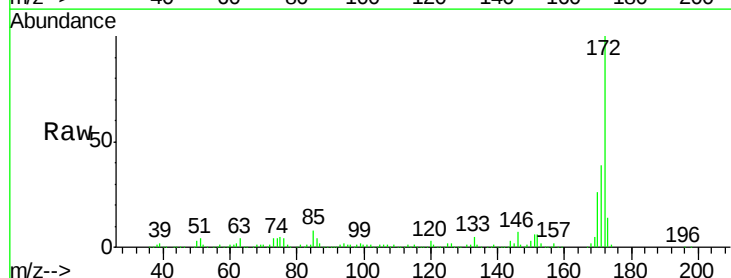


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

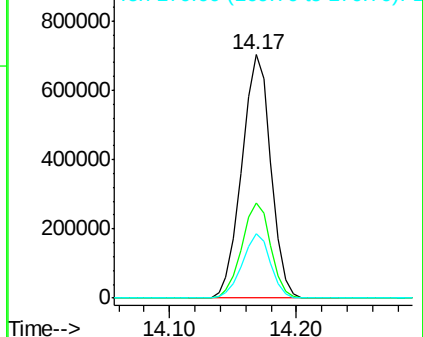
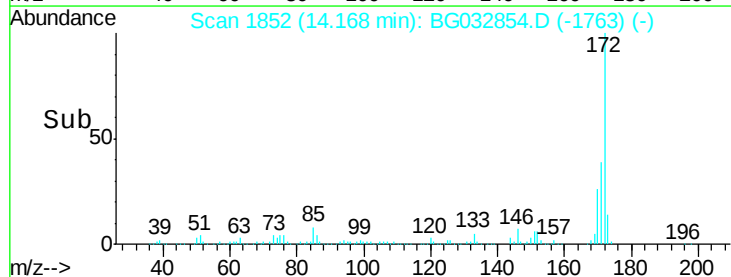


#44
 2-Fluorobiphenyl
 Concen: 75.58 ng
 RT: 14.17 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: BG032854.D
 Acq: 27 Feb 2018 14:33

Tgt Ion:172 Resp: 1111918
 Ion Ratio Lower Upper
 172 100
 171 39.3 30.0 45.0
 170 26.3 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

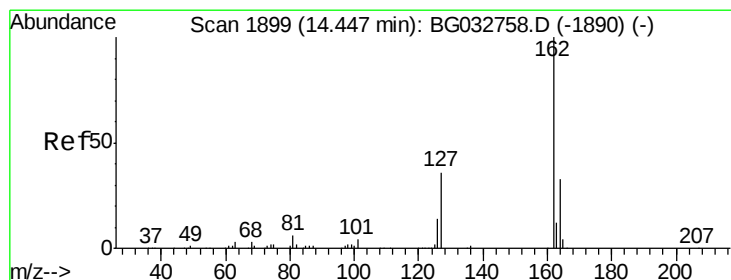
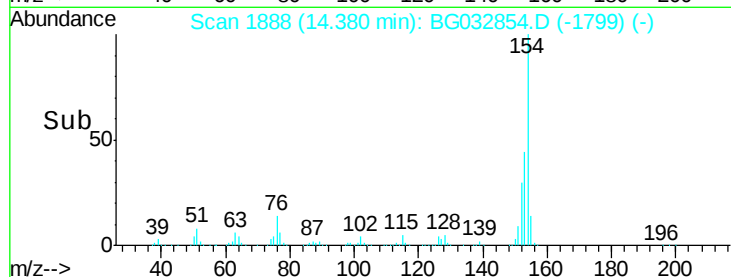
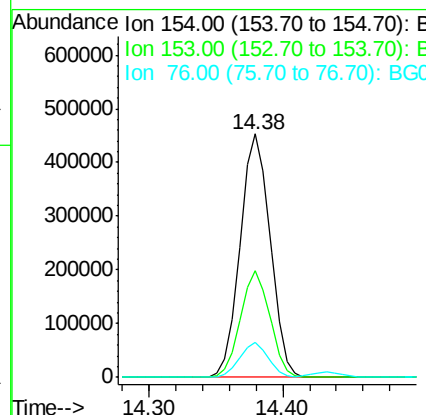
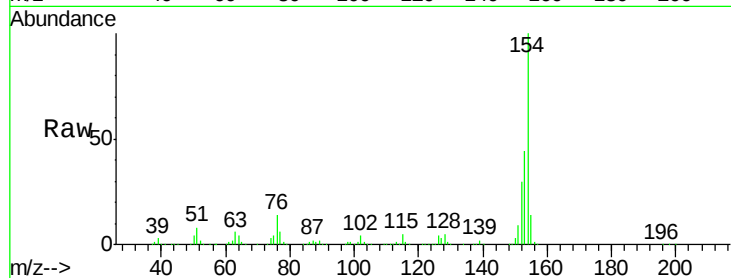




#45
 1,1'-Biphenyl
 Concen: 38.08 ng
 RT: 14.38 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: BG032854.D
 Acq: 27 Feb 2018 14:33

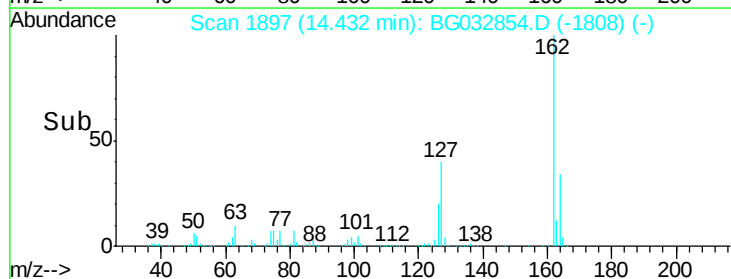
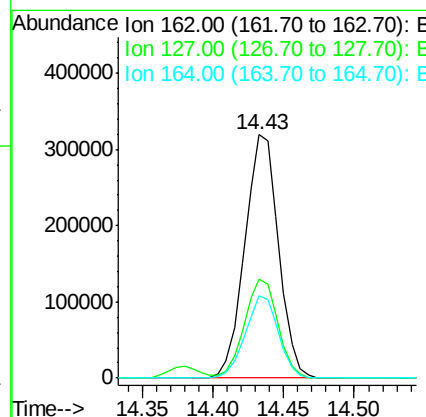
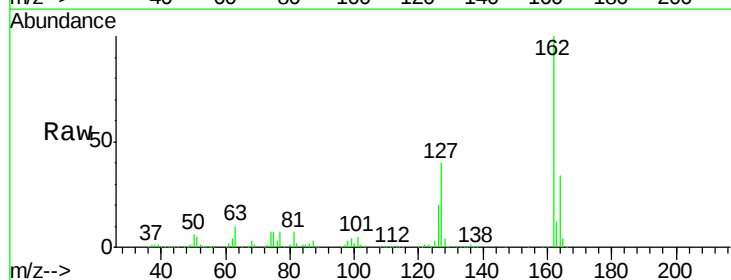
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	43.6	19.8	59.8
76	14.2	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 38.50 ng
 RT: 14.43 min Scan# 1897
 Delta R.T. -0.00 min
 Lab File: BG032854.D
 Acq: 27 Feb 2018 14:33

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.4	30.7	46.1
164	33.8	26.0	39.0

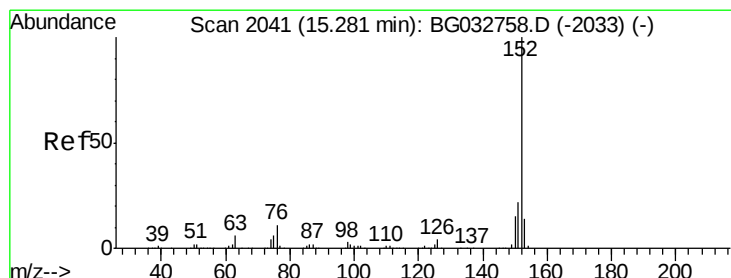
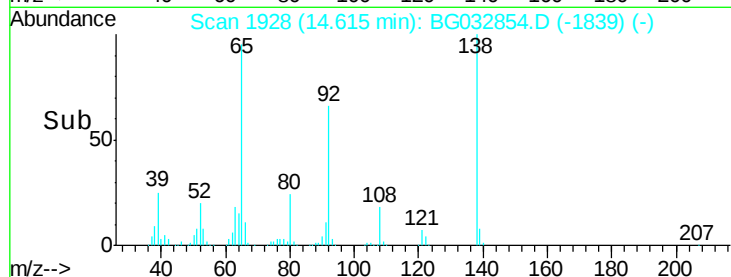
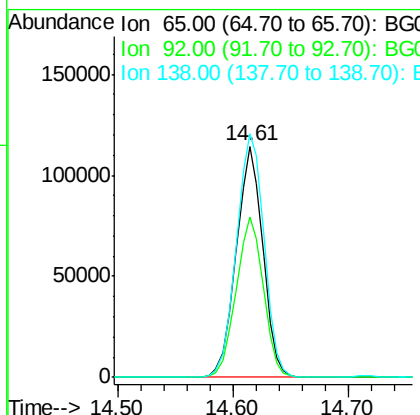
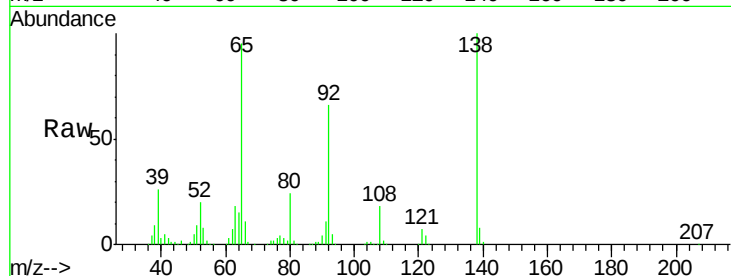




#47
2-Nitroaniline
Concen: 51.32 ng
RT: 14.61 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

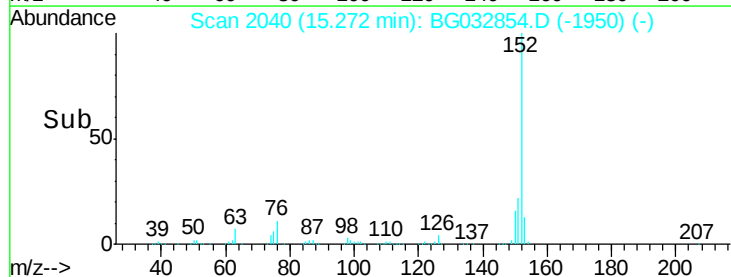
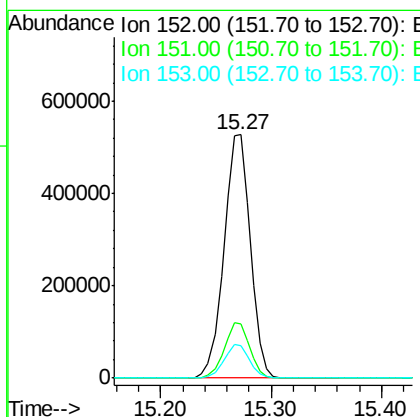
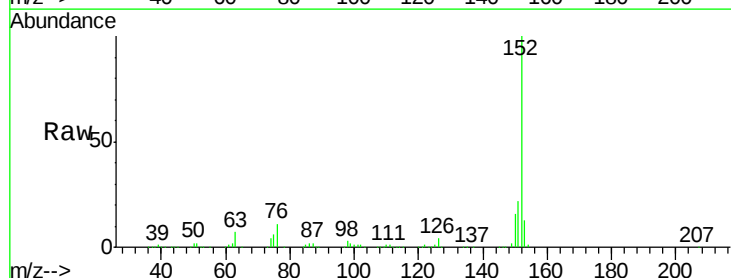
Instrument :
BNA_G
ClientSampleId :

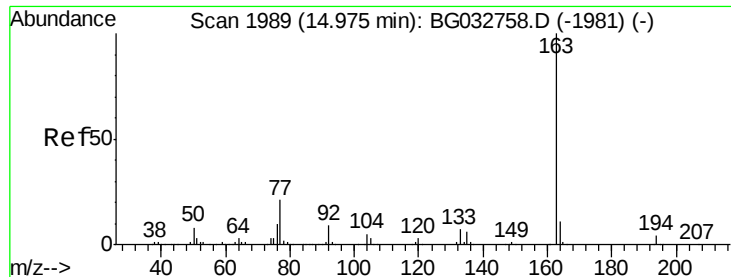
Tot Ion: 65 Resp: 182252
Ion Ratio Lower Upper
65 100
92 69.5 54.6 82.0
138 105.5 72.9 109.3



#48
Acenaphthylene
Concen: 38.65 ng
RT: 15.27 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

Tgt Ion: 152 Resp: 876313
Ion Ratio Lower Upper
152 100
151 22.0 17.2 25.8
153 13.3 10.2 15.4





#49

Dimethylphthalate

Concen: 38.91 ng

RT: 14.97 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

Instrument :

BNA_G

ClientSampleId :

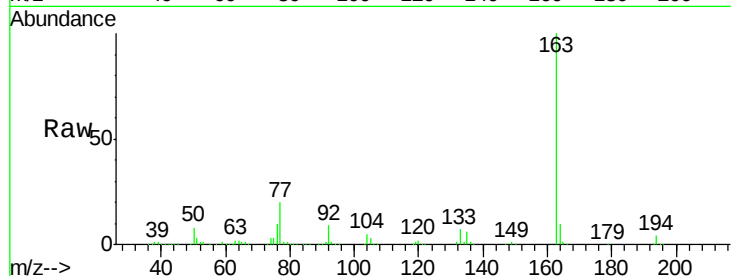
Tot Ion:163 Resp: 700981

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

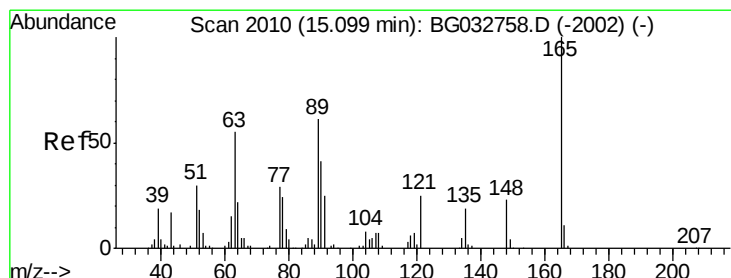
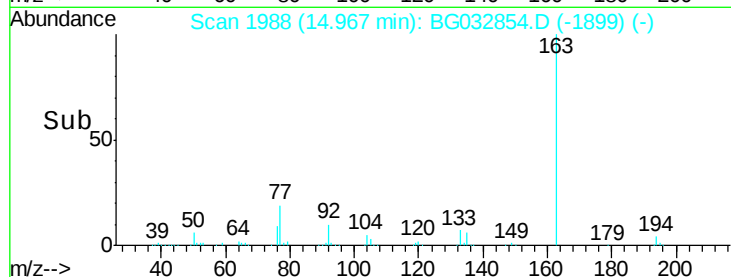
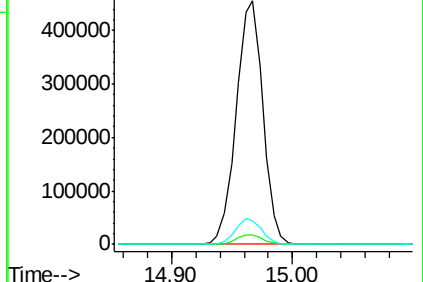
164 9.9 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 51.34 ng

RT: 15.09 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

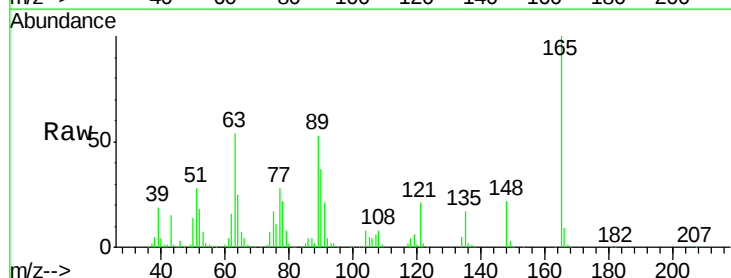
Tgt Ion:165 Resp: 155344

Ion Ratio Lower Upper

165 100

63 53.8 52.7 79.1

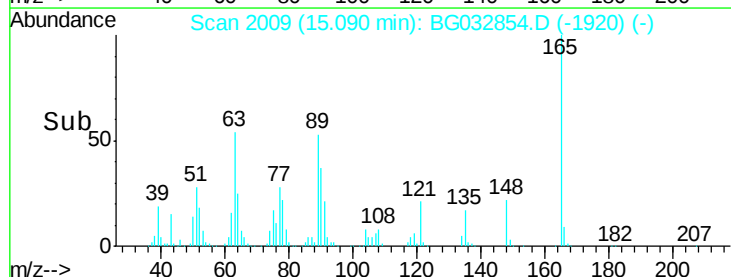
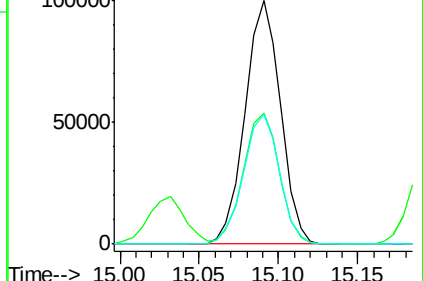
89 53.3 49.2 73.8

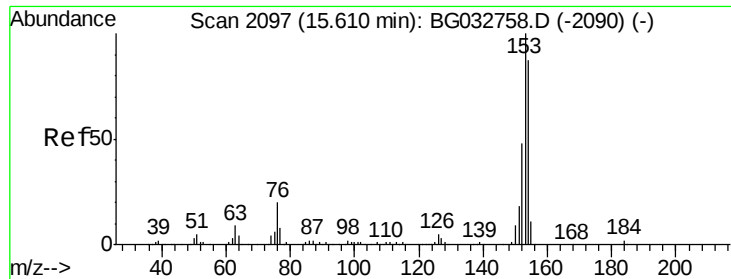


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 41.27 ng

RT: 15.60 min Scan# 2096

Delta R.T. -0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

Instrument :

BNA_G

ClientSampleId :

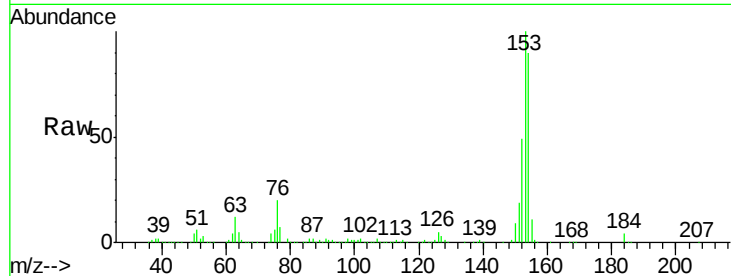
Tot Ion:154 Resp: 582841

Ion Ratio Lower Upper

154 100

153 110.9 90.4 135.6

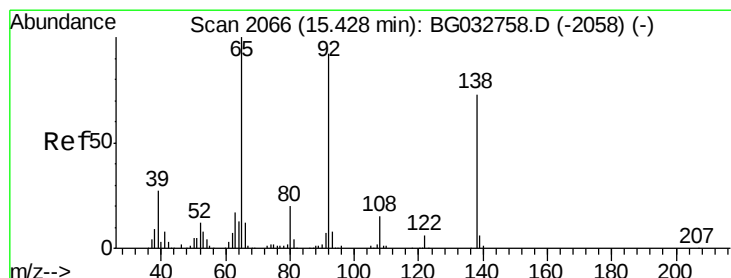
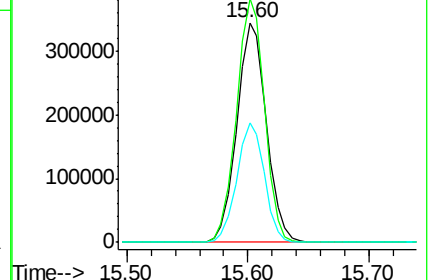
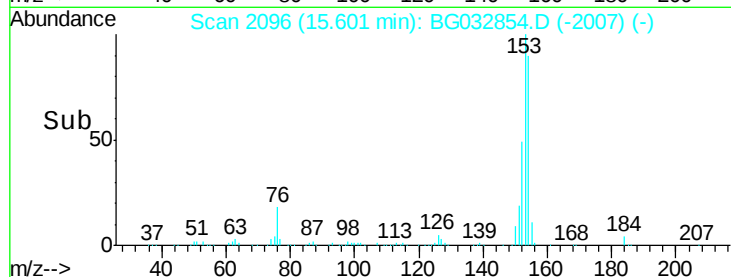
152 54.1 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 31.61 ng

RT: 15.42 min Scan# 2065

Delta R.T. -0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

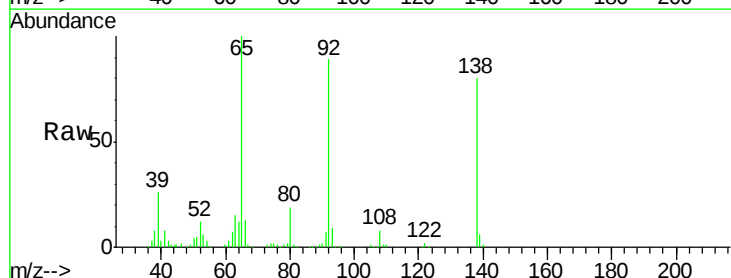
Tgt Ion:138 Resp: 105326

Ion Ratio Lower Upper

138 100

108 10.5 17.5 26.3#

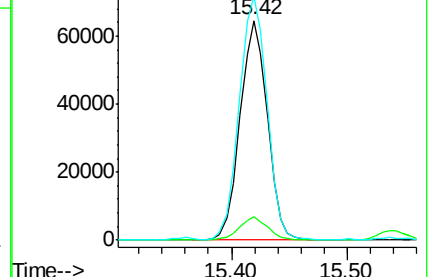
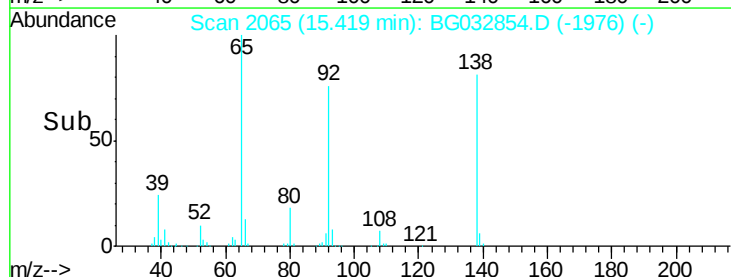
92 111.0 105.8 158.8

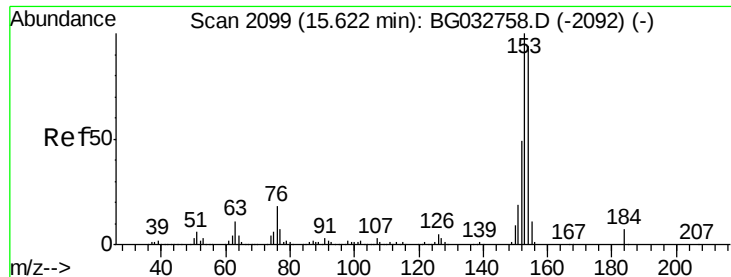


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

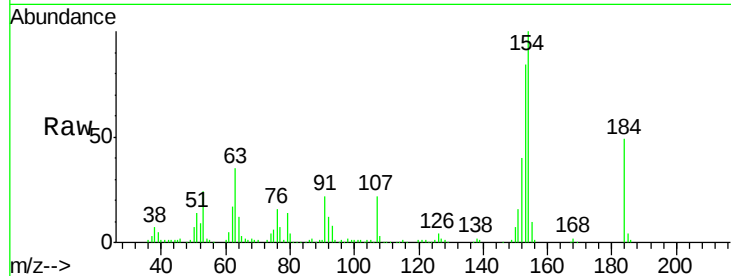




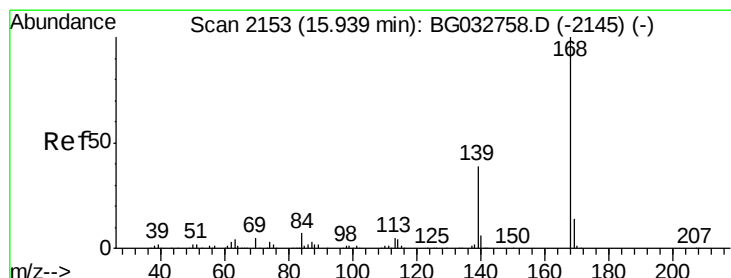
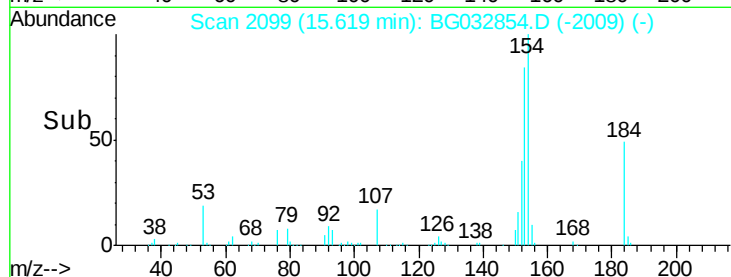
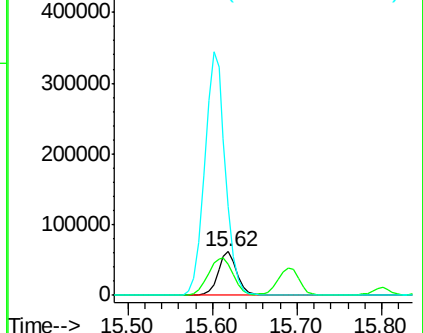
#53
 2,4-Dinitrophenol
 Concen: 97.06 ng
 RT: 15.62 min Scan# 2099
 Delta R.T. 0.00 min
 Lab File: BG032854.D
 Acq: 27 Feb 2018 14:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 98910
 Ion Ratio Lower Upper
 184 100
 63 71.5 59.8 89.8
 154 202.9 101.8 152.8#

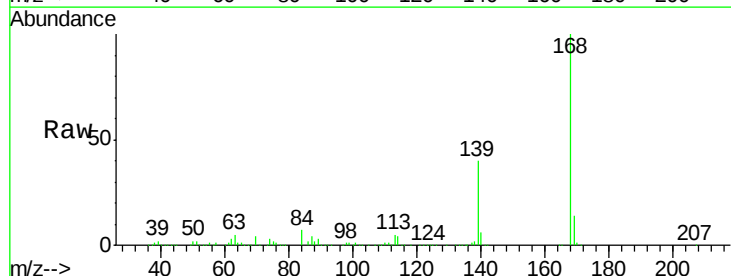


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

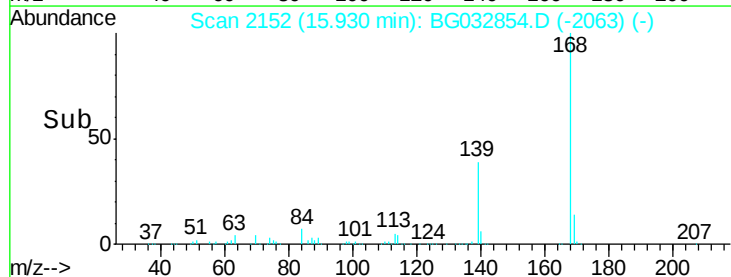
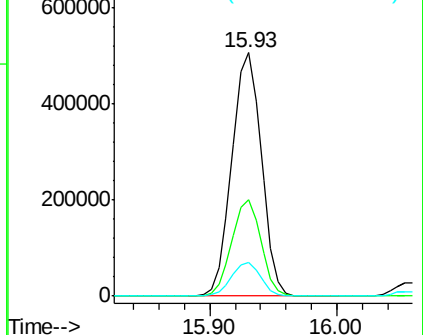


#54
 Dibenzofuran
 Concen: 40.41 ng
 RT: 15.93 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG032854.D
 Acq: 27 Feb 2018 14:33

Tgt Ion:168 Resp: 812634
 Ion Ratio Lower Upper
 168 100
 139 39.8 28.6 43.0
 169 14.0 11.2 16.8



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

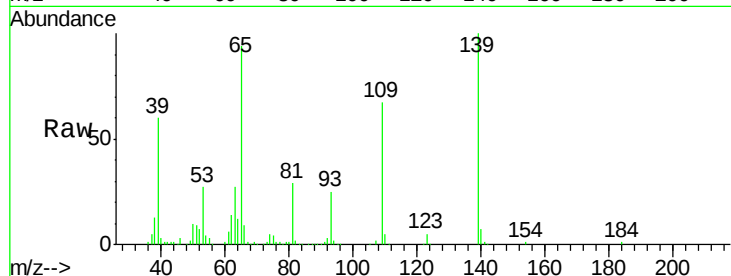




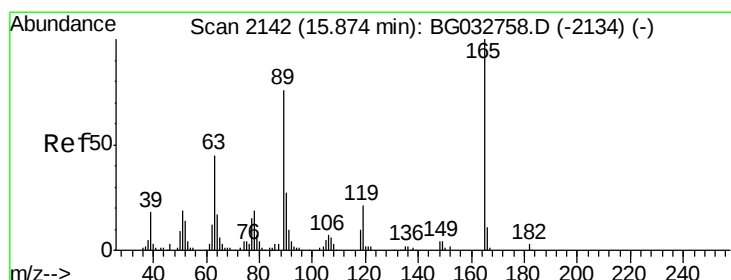
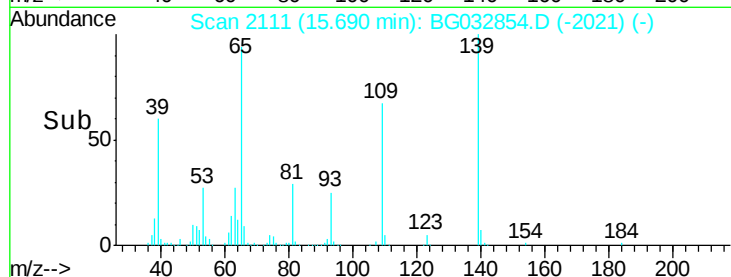
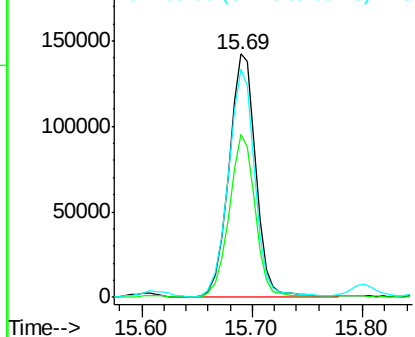
#55
4-Nitrophenol
Concen: 82.50 ng
RT: 15.69 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:139 Resp: 244114
Ion Ratio Lower Upper
139 100
109 66.9 62.2 102.2
65 93.8 97.2 137.2#



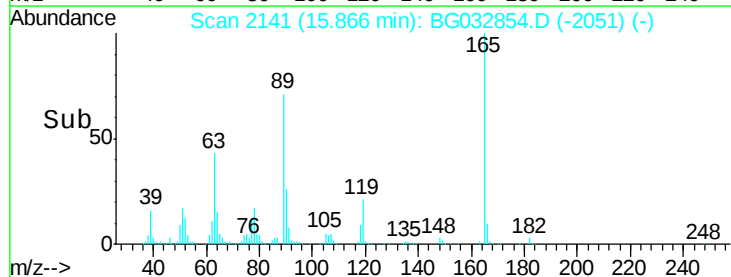
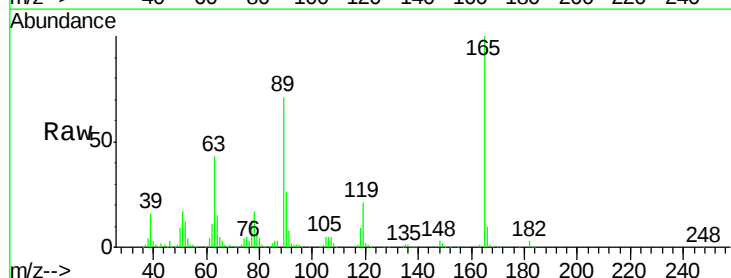
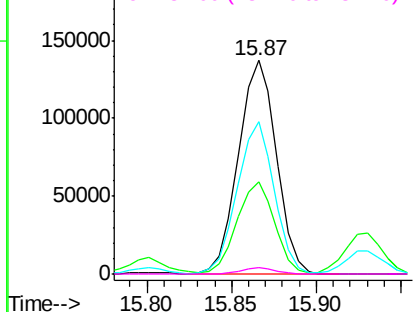
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC



#56
2,4-Dinitrotoluene
Concen: 58.16 ng
RT: 15.87 min Scan# 2141
Delta R.T. 0.00 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

Tgt Ion:165 Resp: 214674
Ion Ratio Lower Upper
165 100
63 43.1 42.0 63.0
89 71.3 66.9 100.3
182 2.8 2.6 3.8

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.51 ng

RT: 16.57 min Scan# 2261

Delta R.T. -0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

Instrument :

BNA_G

ClientSampled :

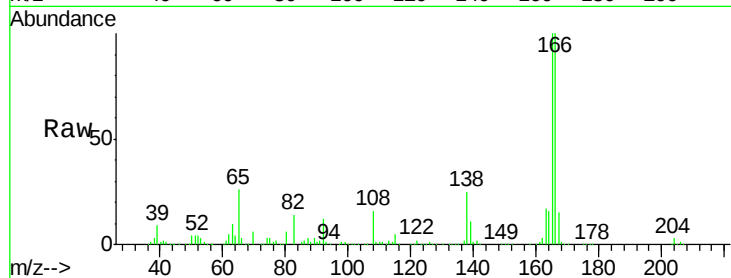
Tot Ion:166 Resp: 655736

Ion Ratio Lower Upper

166 100

165 99.9 80.6 121.0

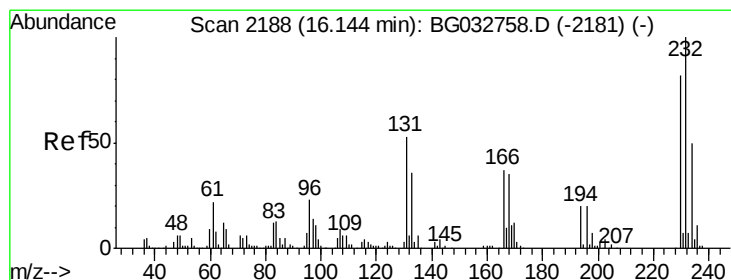
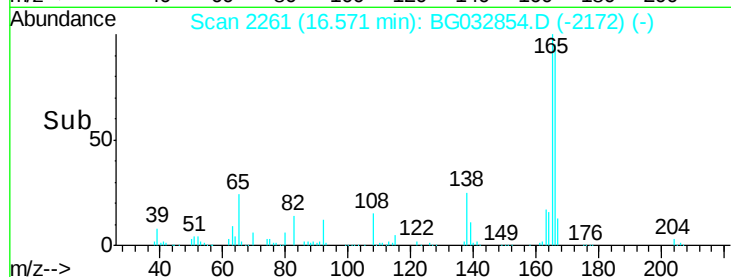
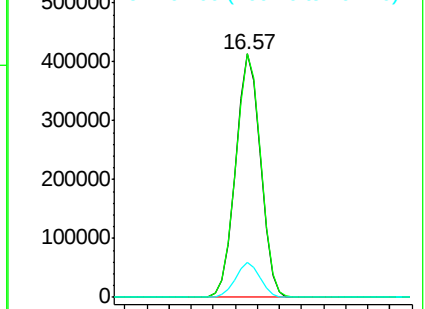
167 14.5 10.4 15.6



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: 46.40 ng

RT: 16.06 min Scan# 2174

Delta R.T. -0.08 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

Tgt Ion:232 Resp: 165622

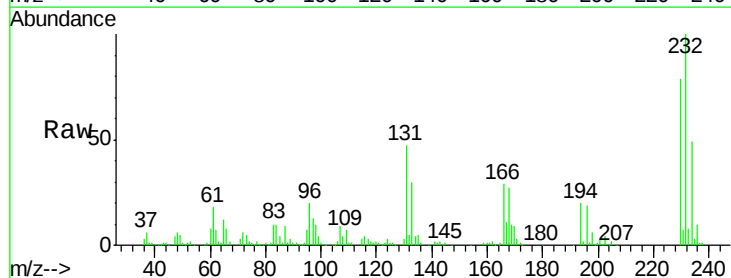
Ion Ratio Lower Upper

232 100

131 45.7 33.5 50.3

130 2.9 2.2 3.2

166 27.8 24.8 37.2

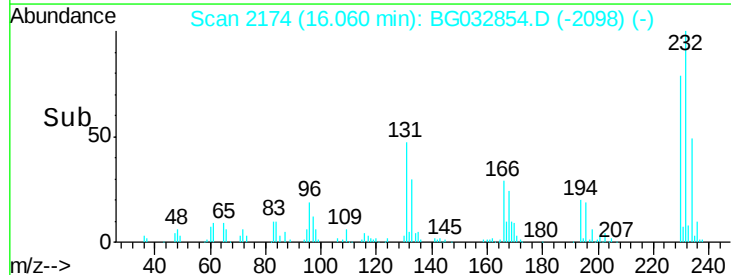
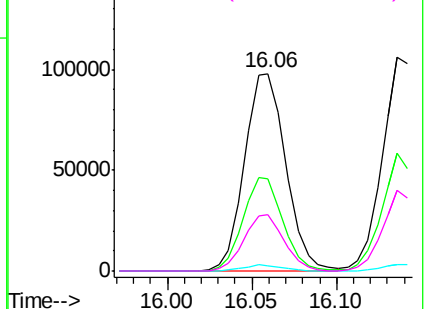


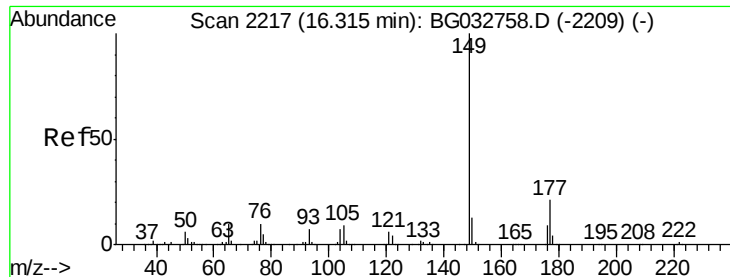
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

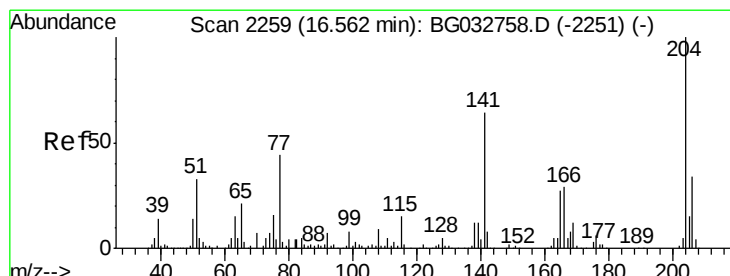
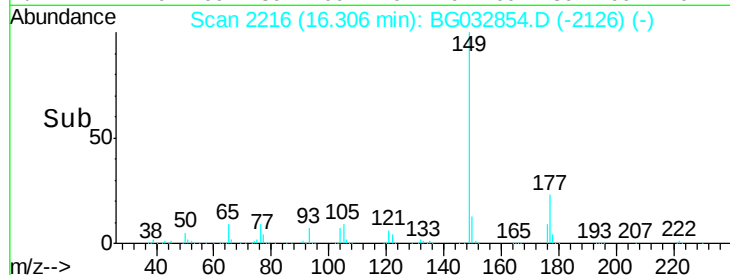
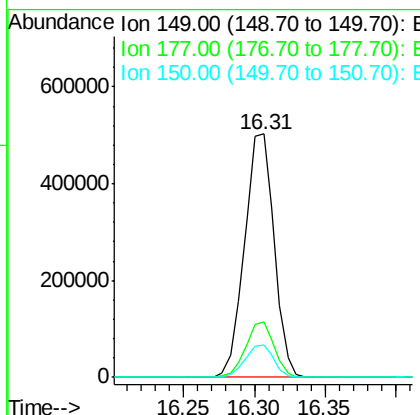
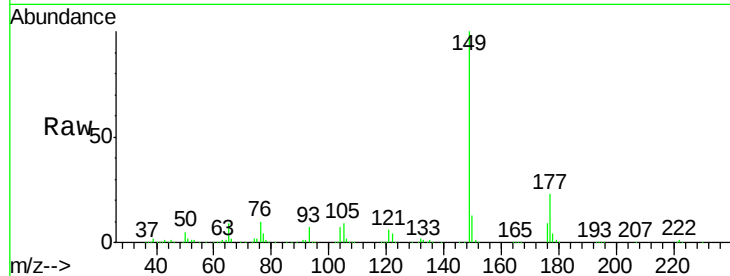




#59
Diethylphthalate
Concen: 38.88 ng
RT: 16.31 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

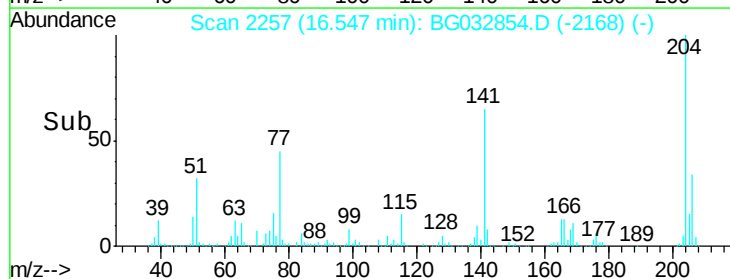
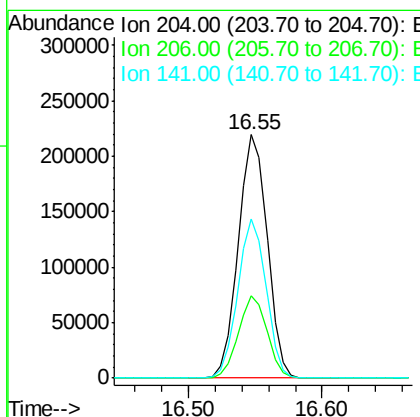
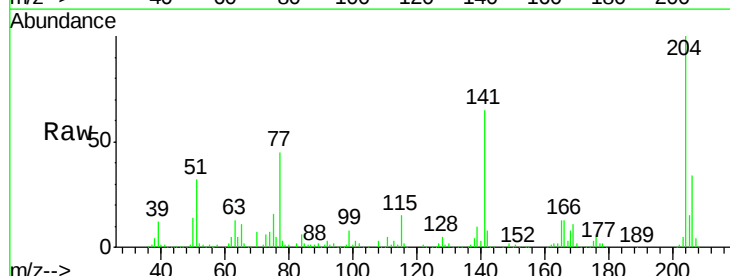
Instrument :
BNA_G
ClientSampleId :

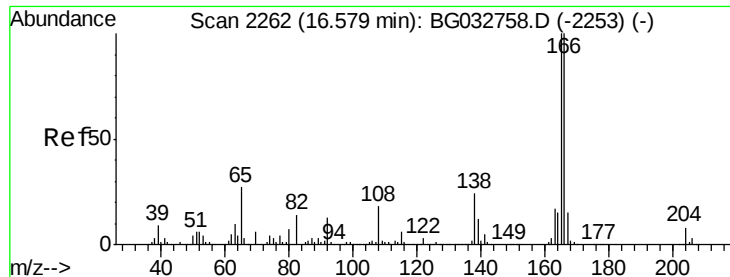
Tot Ion:149 Resp: 738743
Ion Ratio Lower Upper
149 100
177 22.9 18.5 27.7
150 13.3 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 40.45 ng
RT: 16.55 min Scan# 2257
Delta R.T. -0.00 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

Tgt Ion:204 Resp: 328419
Ion Ratio Lower Upper
204 100
206 33.6 26.2 39.2
141 65.3 45.8 68.6





#61

4-Nitroaniline

Concen: 42.84 ng

RT: 16.57 min Scan# 2261

Delta R.T. -0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

Instrument :

BNA_G

ClientSampleId :

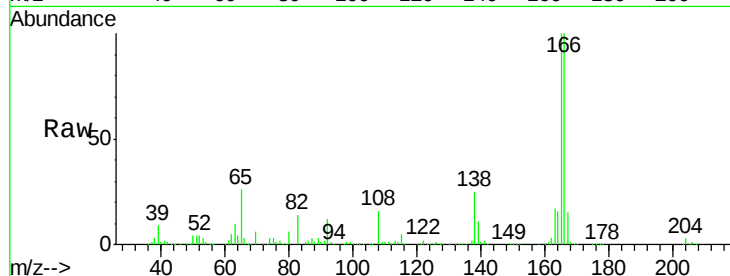
Tot Ion:138 Resp: 164605

Ion Ratio Lower Upper

138 100

92 47.6 40.1 80.1

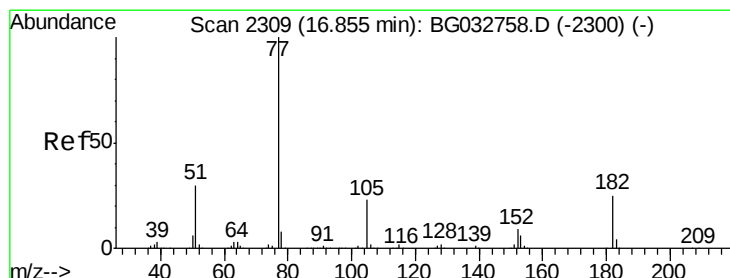
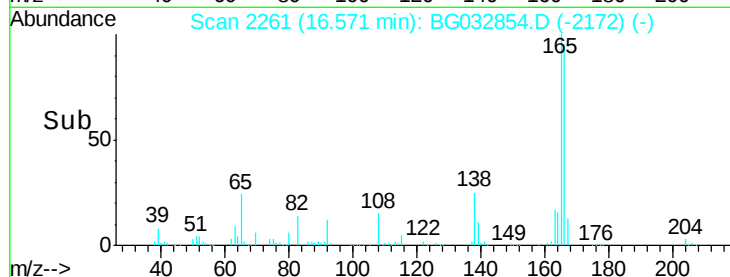
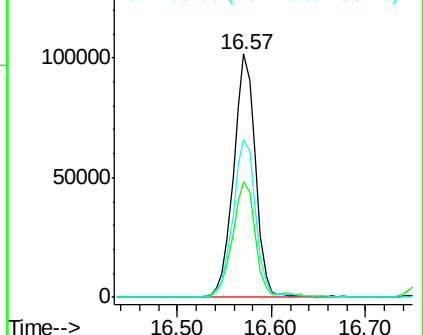
108 65.0 65.4 105.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.68 ng

RT: 16.84 min Scan# 2307

Delta R.T. -0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

Tgt Ion: 77 Resp: 674583

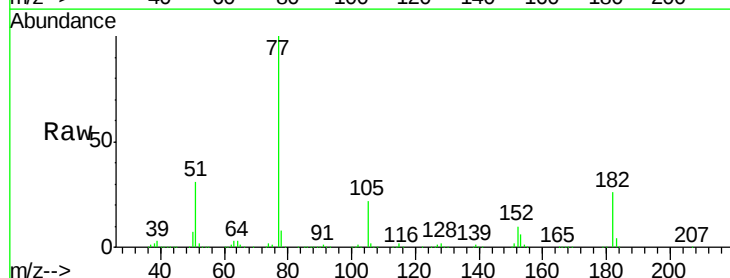
Ion Ratio Lower Upper

77 100

182 25.6 7.4 47.4

105 22.4 0.3 40.3

51 31.3 11.6 51.6

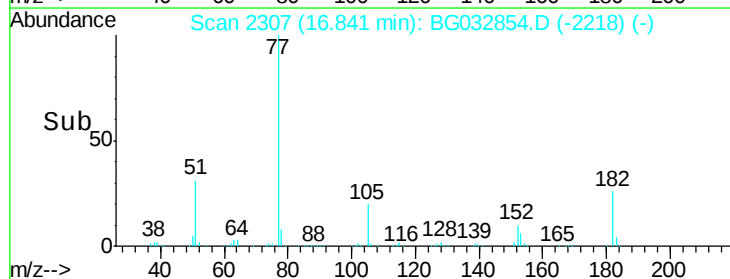
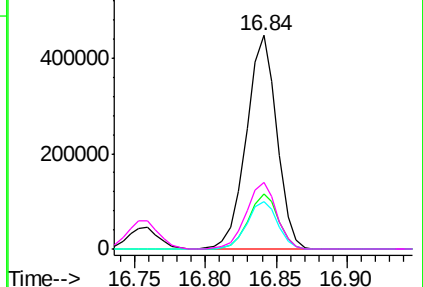


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 18.26 min Scan# 2549

Delta R.T. -0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

Instrument :

BNA_G

ClientSampleId :

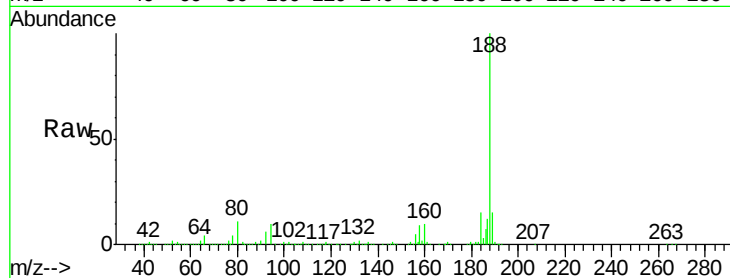
Tot Ion:188 Resp: 450633

Ion Ratio Lower Upper

188 100

94 10.3 6.9 10.3#

80 11.5 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

18.26

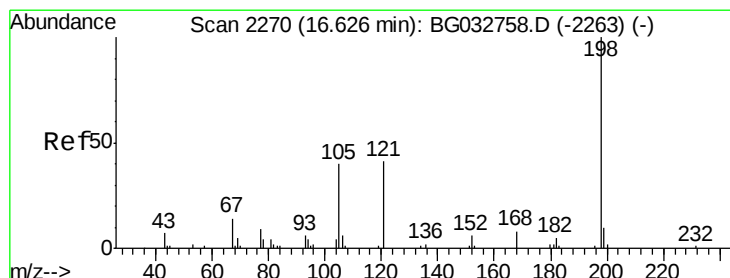
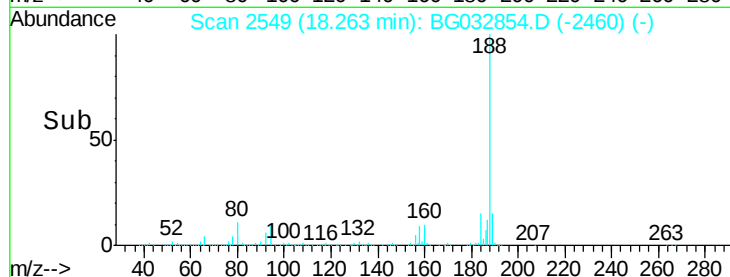
300000

200000

100000

0

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 57.64 ng

RT: 16.62 min Scan# 2269

Delta R.T. -0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

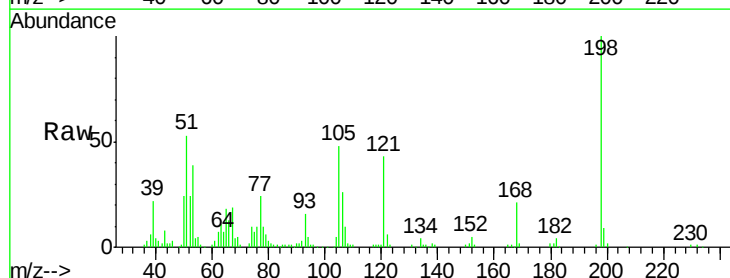
Tgt Ion:198 Resp: 81812

Ion Ratio Lower Upper

198 100

51 52.6 30.6 70.6

105 48.1 23.8 63.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

16.62

80000

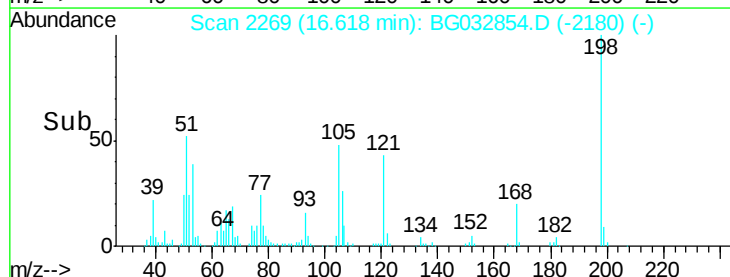
60000

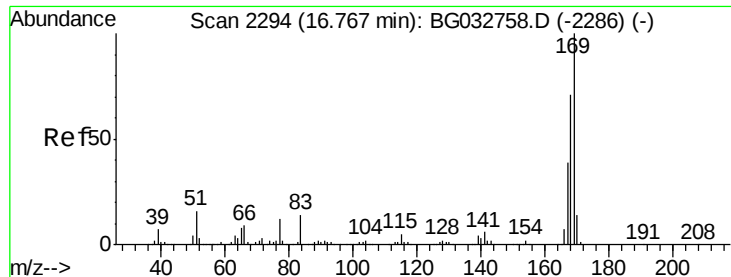
40000

20000

0

Time-->





#65

n-Nitrosodiphenylamine

Concen: 41.60 ng

RT: 16.76 min Scan# 2293

Delta R.T. -0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

Instrument :

BNA_G

ClientSampleId :

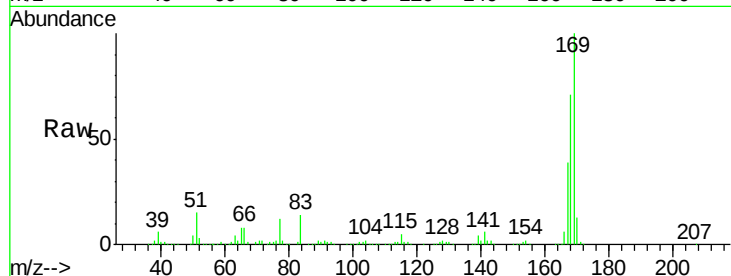
Tot Ion:169 Resp: 609850

Ion Ratio Lower Upper

169 100

168 70.7 55.7 83.5

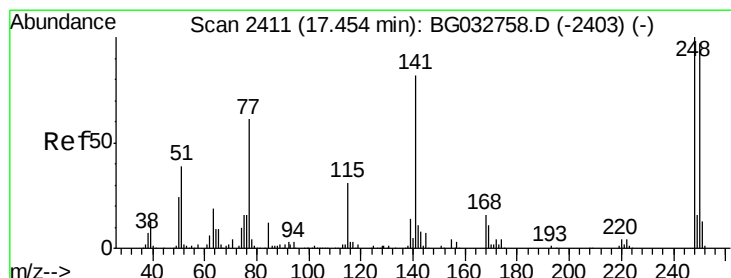
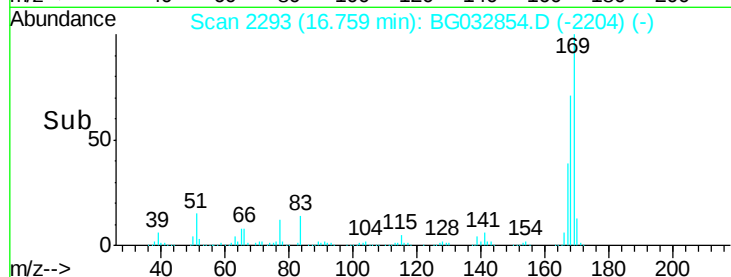
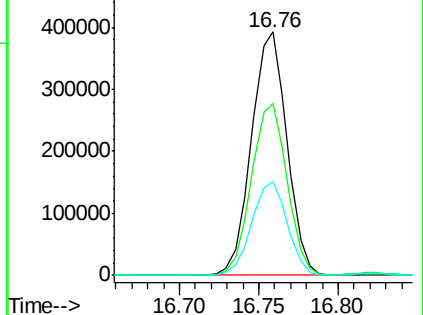
167 38.6 30.1 45.1



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: 41.52 ng

RT: 17.44 min Scan# 2409

Delta R.T. -0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

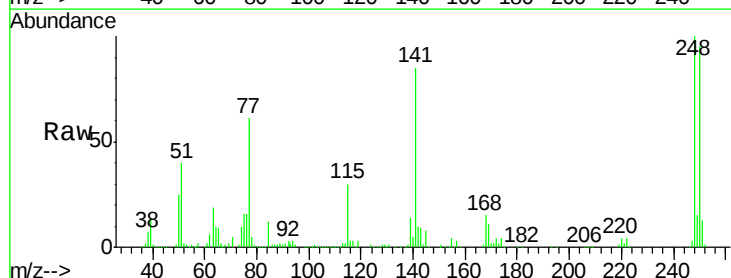
Tgt Ion:248 Resp: 197844

Ion Ratio Lower Upper

248 100

250 95.4 77.1 115.7

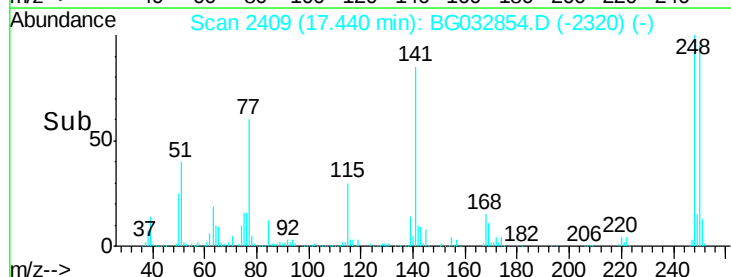
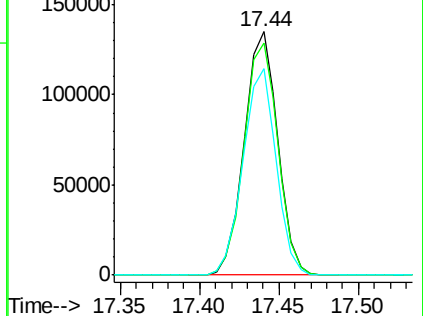
141 84.8 50.8 76.2#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

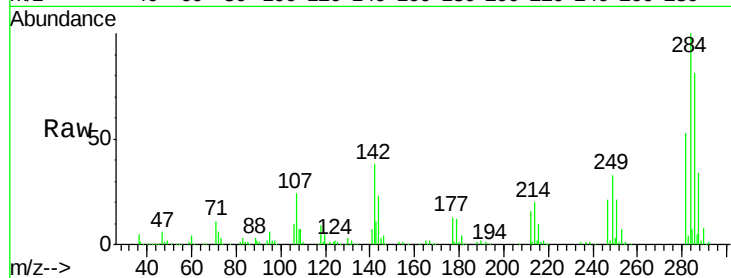




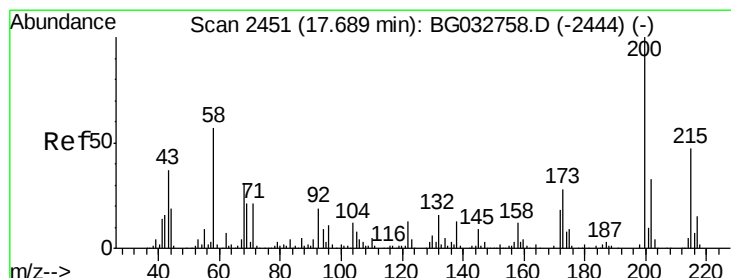
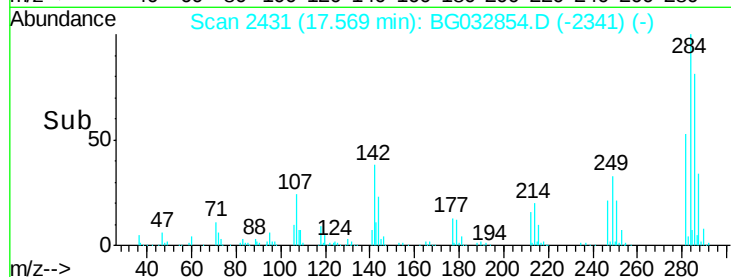
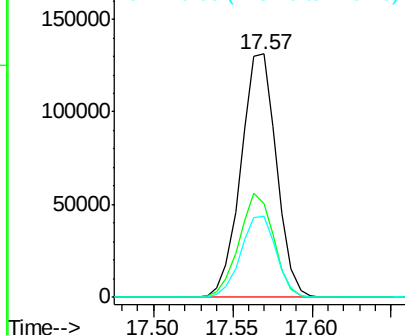
#67
Hexachlorobenzene
Concen: 39.68 ng
RT: 17.57 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:284 Resp: 204299
Ion Ratio Lower Upper
284 100
142 38.4 26.8 40.2
249 33.2 26.3 39.5

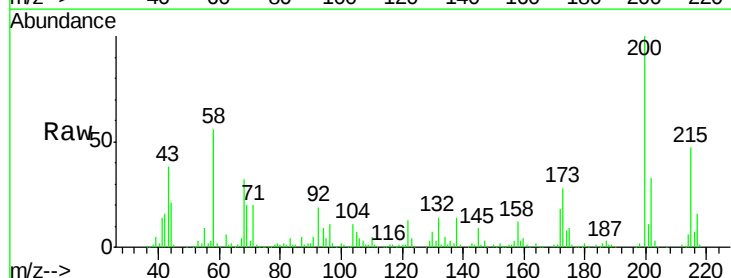


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

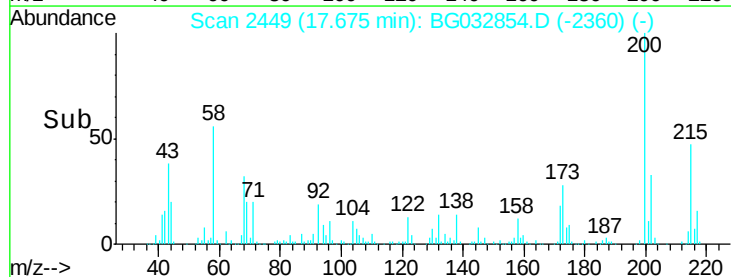
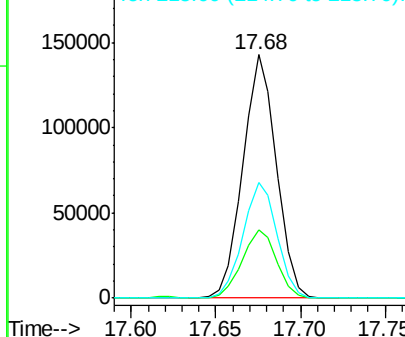


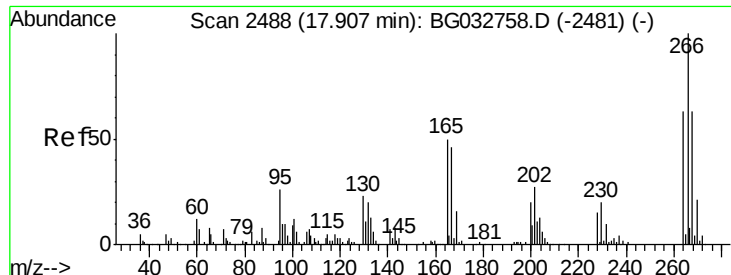
#68
Atrazine
Concen: 40.77 ng
RT: 17.68 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

Tgt Ion:200 Resp: 196732
Ion Ratio Lower Upper
200 100
173 28.3 5.2 45.2
215 47.5 30.4 70.4



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

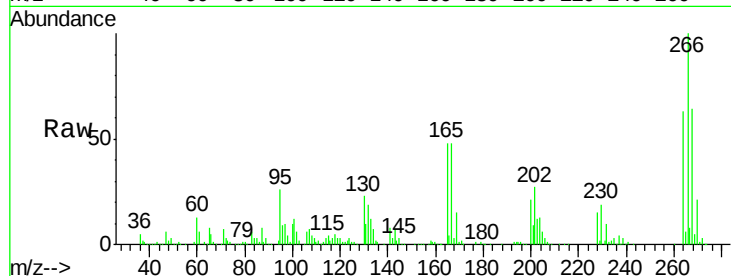




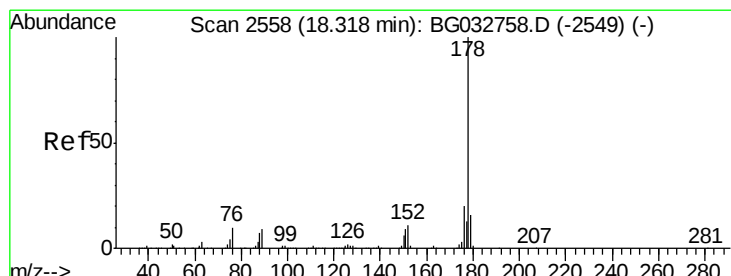
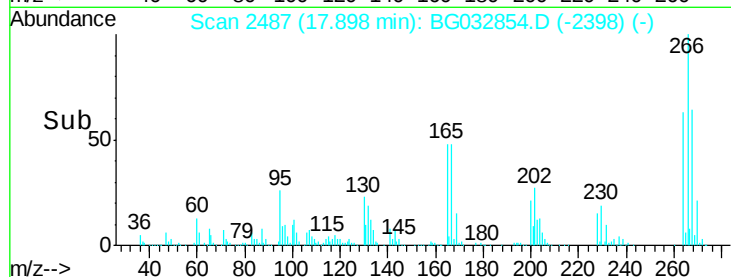
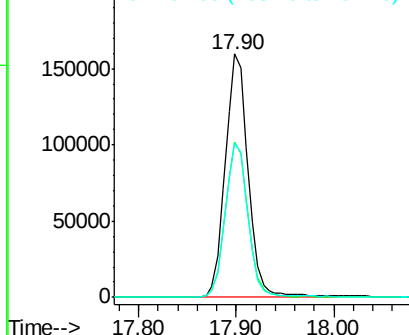
#69
 Pentachlorophenol
 Concen: 80.08 ng
 RT: 17.90 min Scan# 2487
 Delta R.T. -0.00 min
 Lab File: BG032854.D
 Acq: 27 Feb 2018 14:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:266 Resp: 259737
 Ion Ratio Lower Upper
 266 100
 268 63.6 51.1 76.7
 264 63.4 49.6 74.4

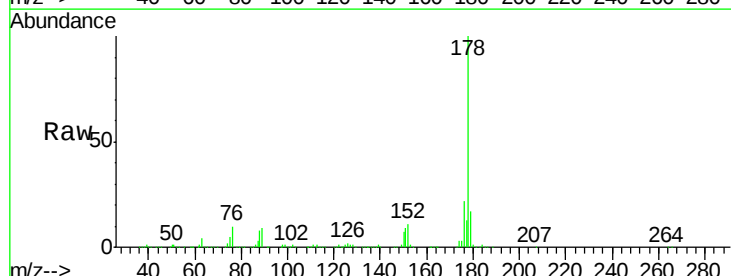


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

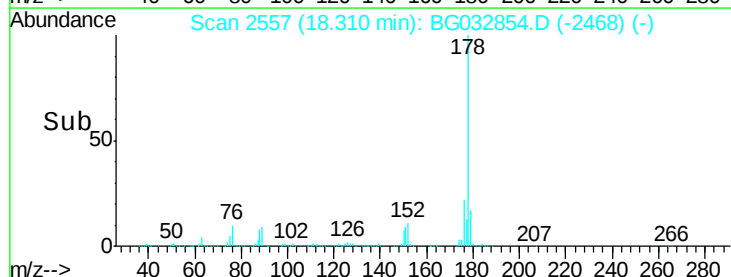
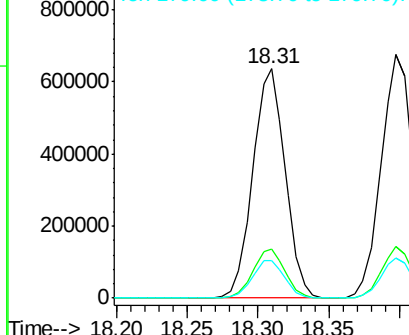


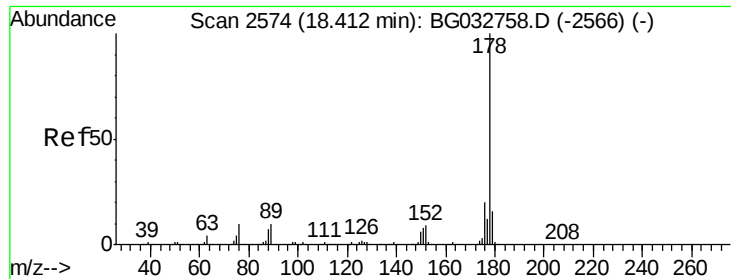
#70
 Phenanthrene
 Concen: 40.70 ng
 RT: 18.31 min Scan# 2557
 Delta R.T. -0.00 min
 Lab File: BG032854.D
 Acq: 27 Feb 2018 14:33

Tgt Ion:178 Resp: 1023300
 Ion Ratio Lower Upper
 178 100
 176 21.6 15.7 23.5
 179 16.5 12.5 18.7



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

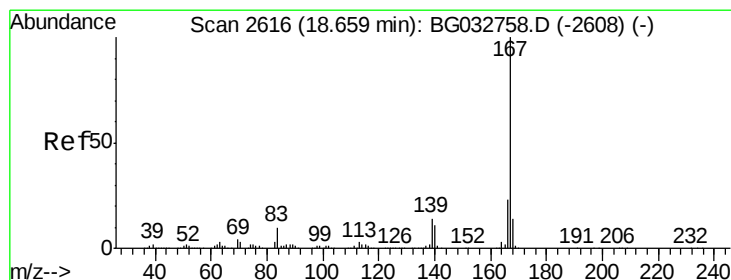
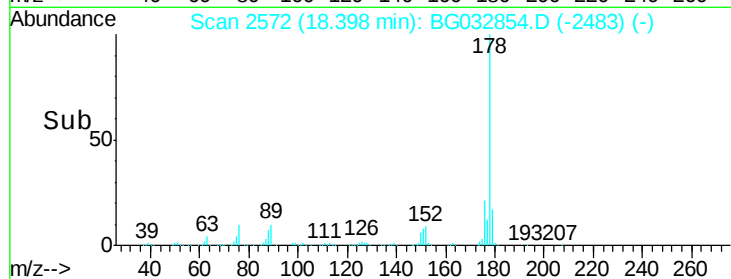
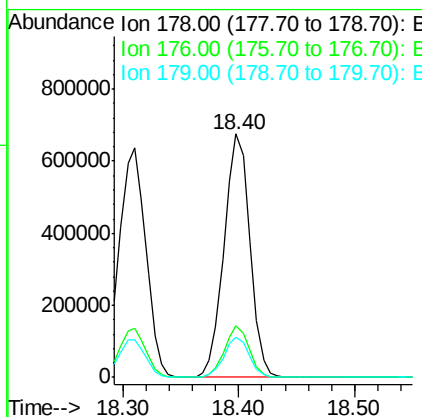
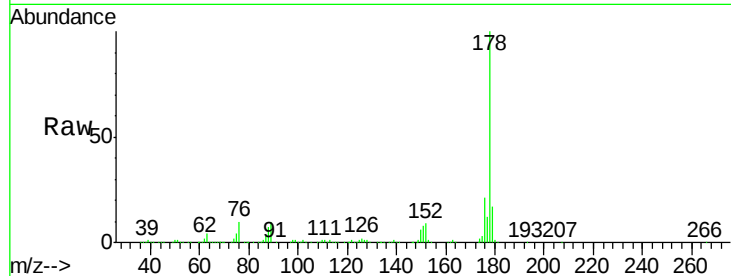




#71
 Anthracene
 Concen: 41.41 ng
 RT: 18.40 min Scan# 2572
 Delta R.T. -0.00 min
 Lab File: BG032854.D
 Acq: 27 Feb 2018 14:33

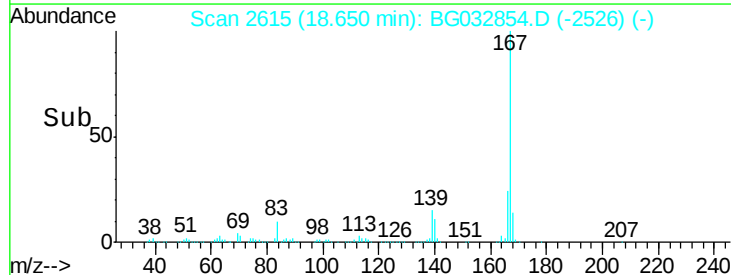
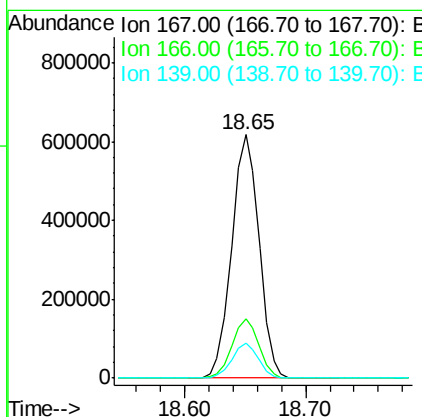
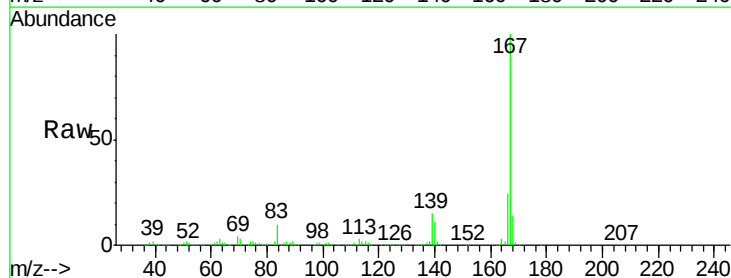
Instrument :
 BNA_G
 ClientSampleId :

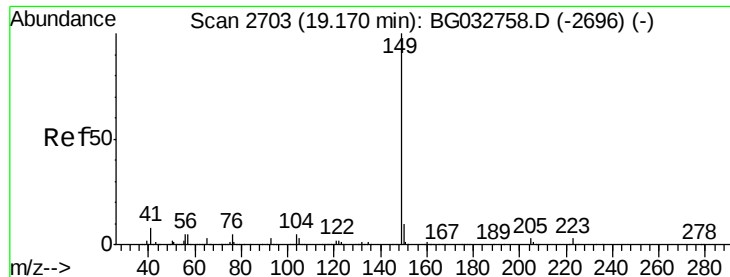
Tot Ion:178 Resp: 1045106
 Ion Ratio Lower Upper
 178 100
 176 21.0 16.0 24.0
 179 16.6 12.5 18.7



#72
 Carbazole
 Concen: 39.21 ng
 RT: 18.65 min Scan# 2615
 Delta R.T. -0.00 min
 Lab File: BG032854.D
 Acq: 27 Feb 2018 14:33

Tgt Ion:167 Resp: 975521
 Ion Ratio Lower Upper
 167 100
 166 24.1 18.2 27.4
 139 14.5 9.4 14.2#





#73

Di-n-butylphthalate

Concen: 40.05 ng

RT: 19.16 min Scan# 2701

Delta R.T. -0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

Instrument :

BNA_G

ClientSampleId :

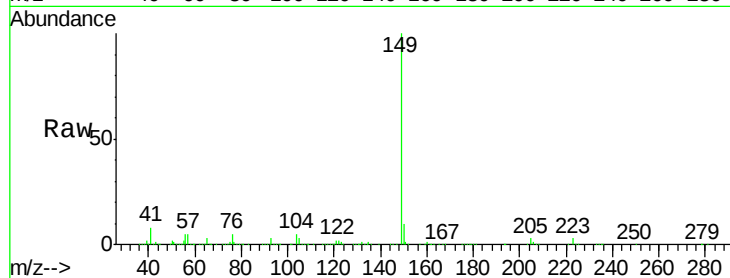
Tot Ion:149 Resp: 1222376

Ion Ratio Lower Upper

149 100

150 10.4 7.8 11.6

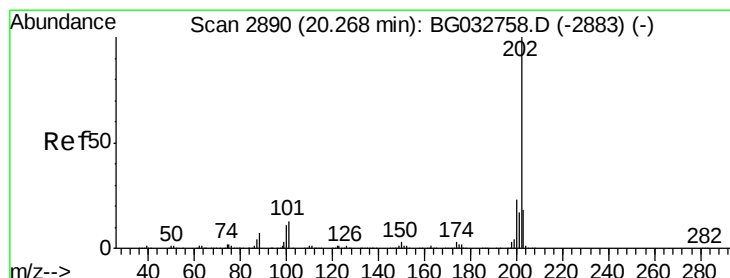
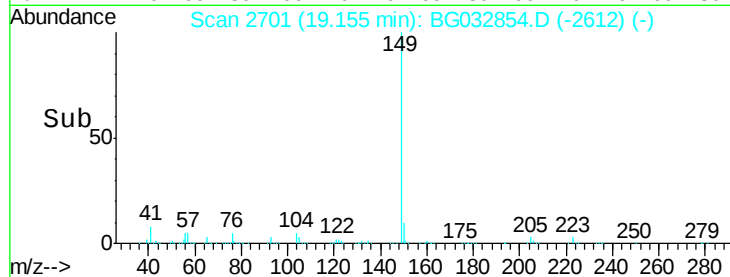
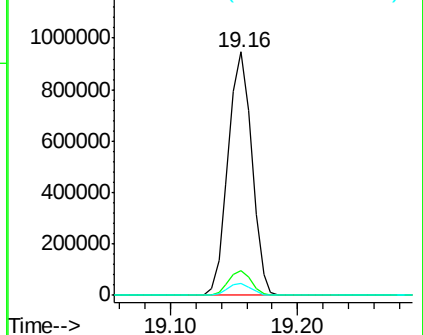
104 5.1 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.51 ng

RT: 20.26 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

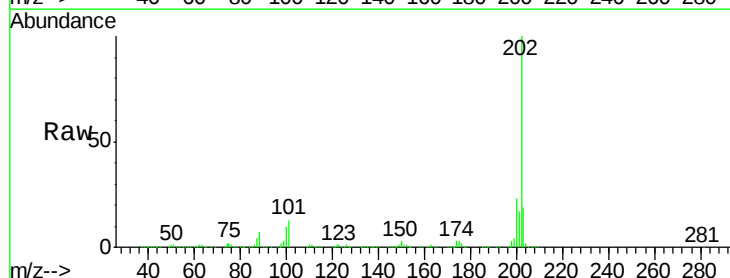
Tgt Ion:202 Resp: 1125071

Ion Ratio Lower Upper

202 100

101 13.3 0.0 28.9

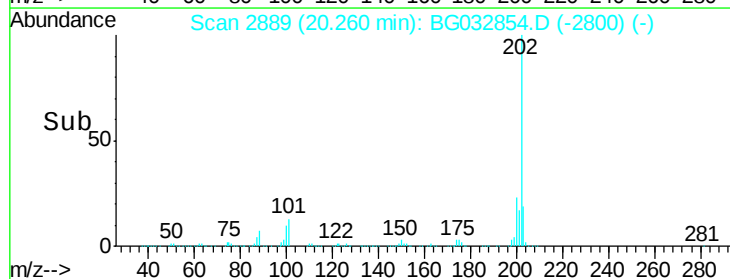
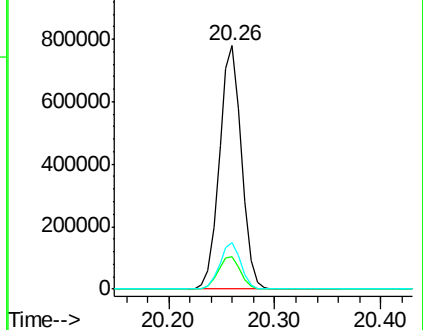
203 18.9 0.0 37.5

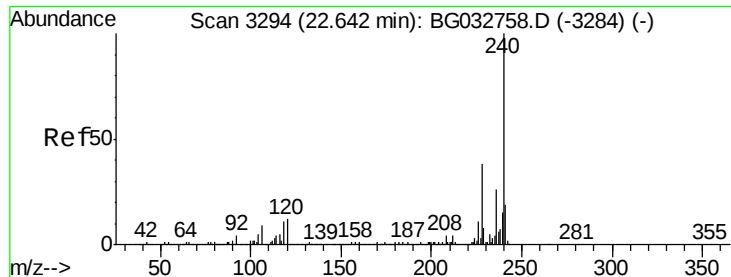


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.63 min Scan# 3292

Delta R.T. -0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

Instrument :

BNA_G

ClientSampled :

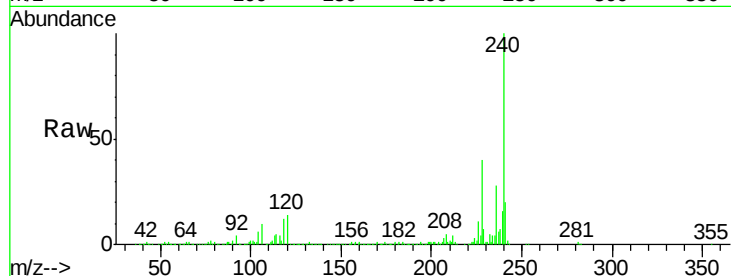
Tot Ion:240 Resp: 409014

Ion Ratio Lower Upper

240 100

120 13.6 6.8 10.2#

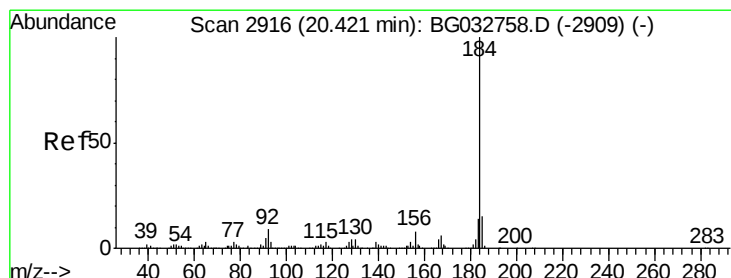
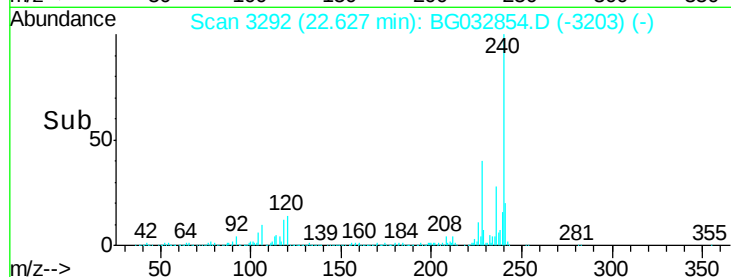
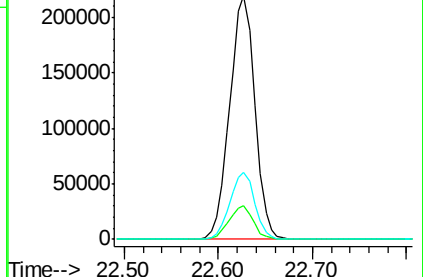
236 27.6 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 8.78 ng

RT: 20.41 min Scan# 2915

Delta R.T. -0.00 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

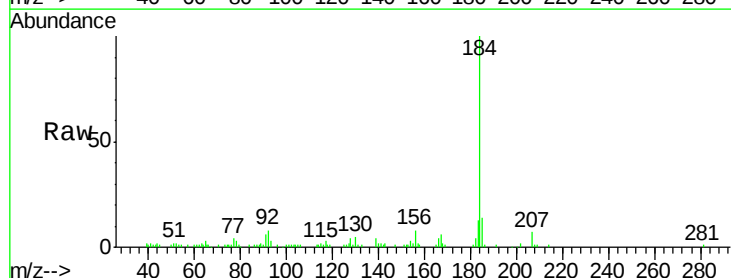
Tgt Ion:184 Resp: 122385

Ion Ratio Lower Upper

184 100

185 13.7 11.1 16.7

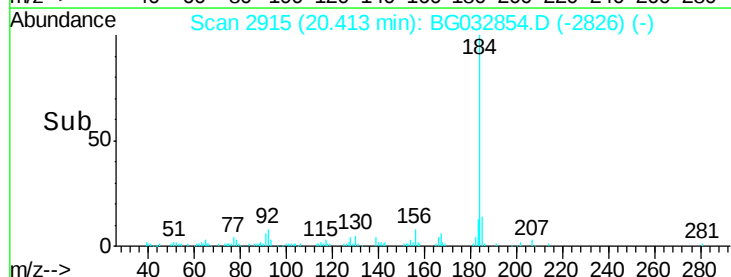
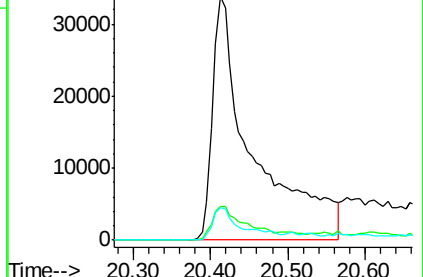
183 13.3 10.6 16.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

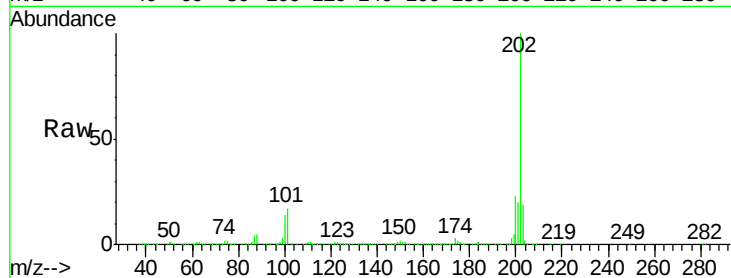




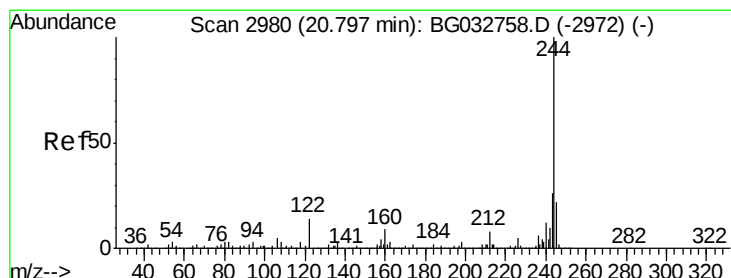
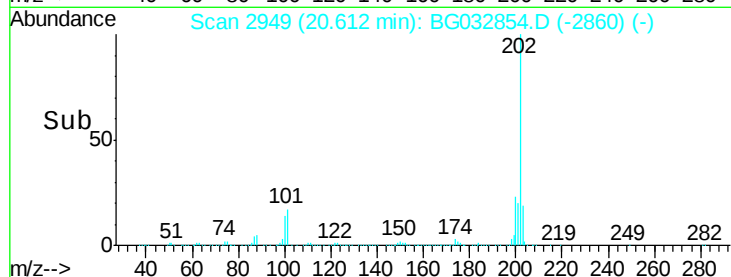
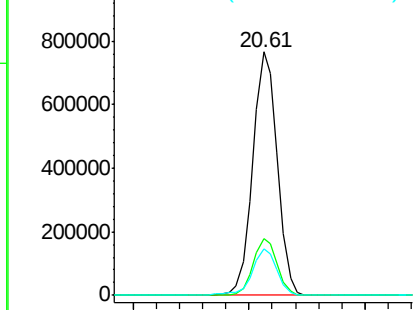
#77
Pvrene
Concen: 39.20 ng
RT: 20.61 min Scan# 2949
Delta R.T. -0.00 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

Instrument :
BNA_G
ClientSampled :

Tot Ion:202 Resp: 1130756
Ion Ratio Lower Upper
202 100
200 23.1 16.9 25.3
203 19.2 13.9 20.9

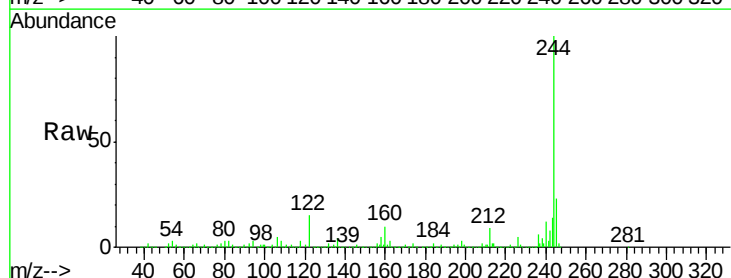


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

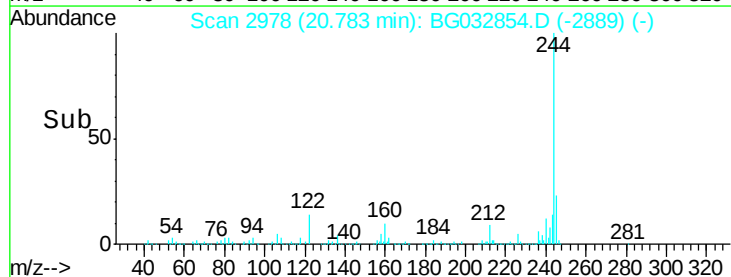
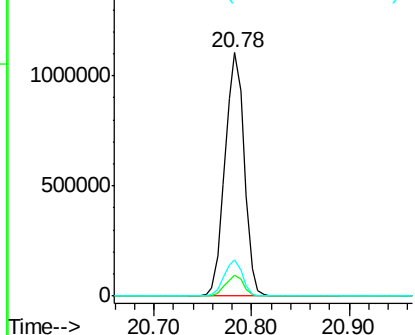


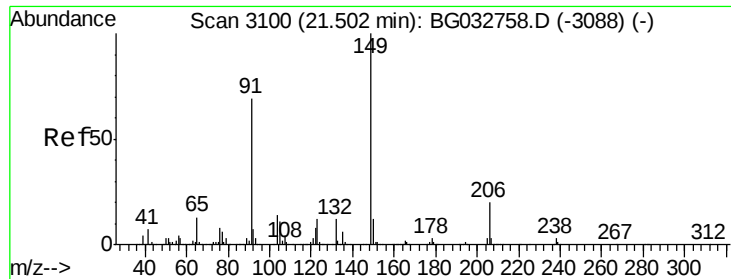
#78
Terphenyl-d14
Concen: 83.21 ng
RT: 20.78 min Scan# 2978
Delta R.T. -0.00 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

Tgt Ion:244 Resp: 1514810
Ion Ratio Lower Upper
244 100
212 8.6 5.8 8.8
122 14.9 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

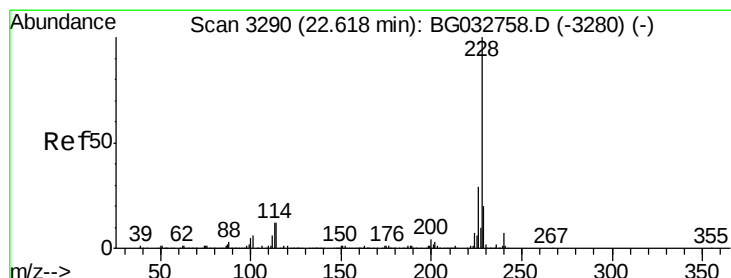
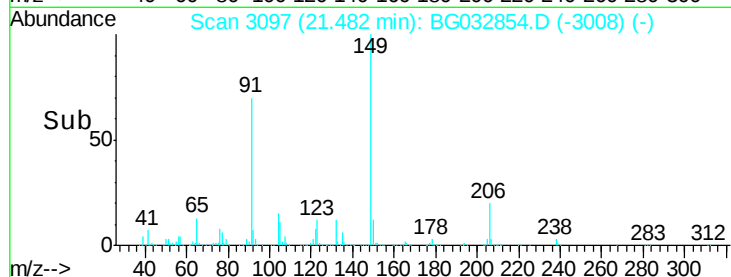
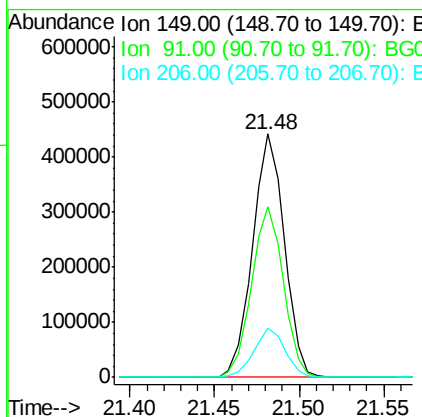
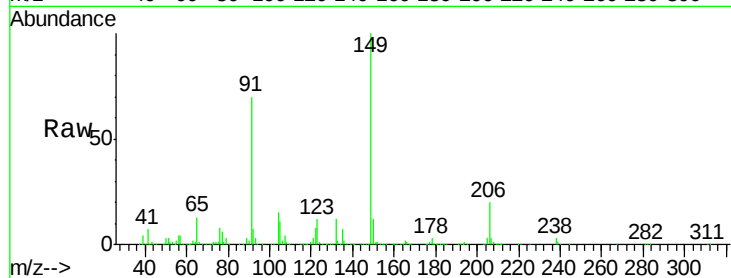




#79
Butylbenzylphthalate
Concen: 45.28 ng
RT: 21.48 min Scan# 3097
Delta R.T. -0.00 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

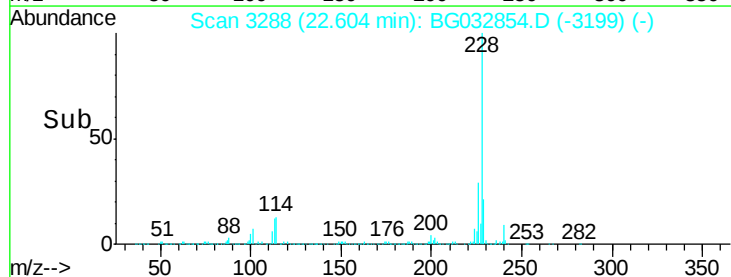
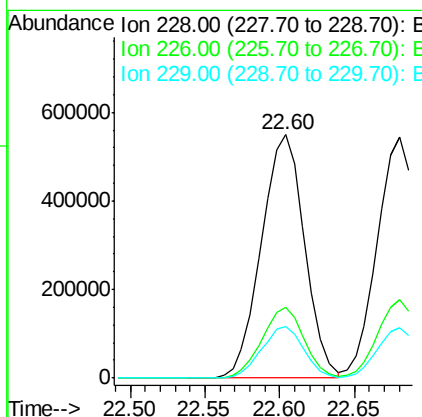
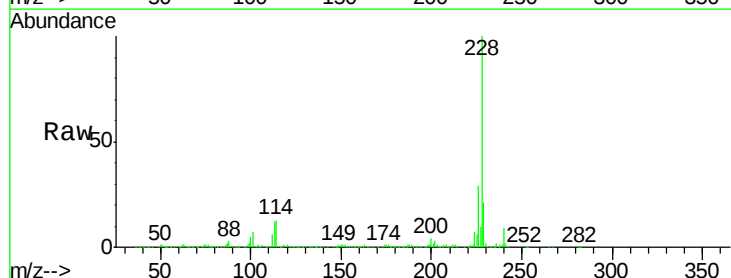
Instrument :
BNA_G
ClientSampleId :

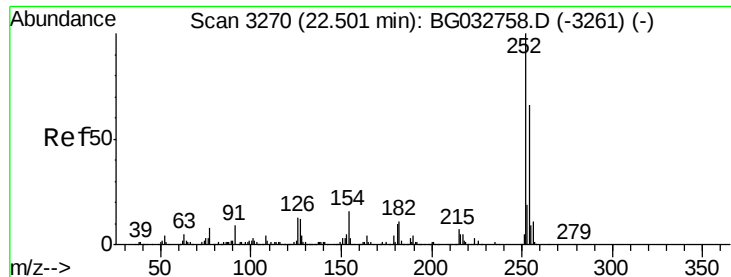
Tot Ion:149 Resp: 579063
Ion Ratio Lower Upper
149 100
91 70.1 62.2 93.2
206 20.1 18.6 27.8



#80
Benzo(a)anthracene
Concen: 42.01 ng
RT: 22.60 min Scan# 3288
Delta R.T. -0.00 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

Tgt Ion:228 Resp: 1101843
Ion Ratio Lower Upper
228 100
226 29.3 22.7 34.1
229 21.1 16.2 24.2

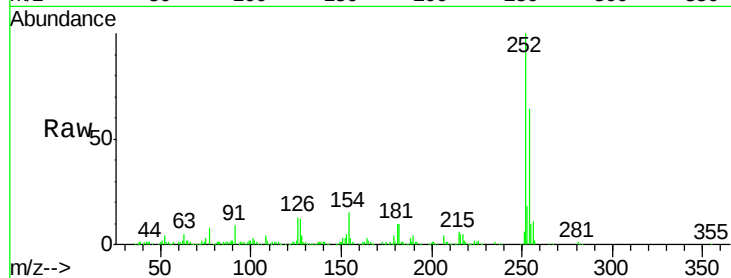




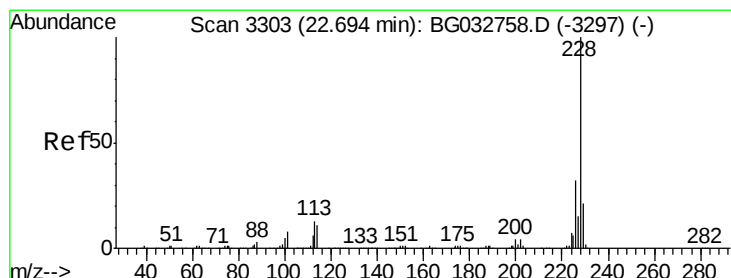
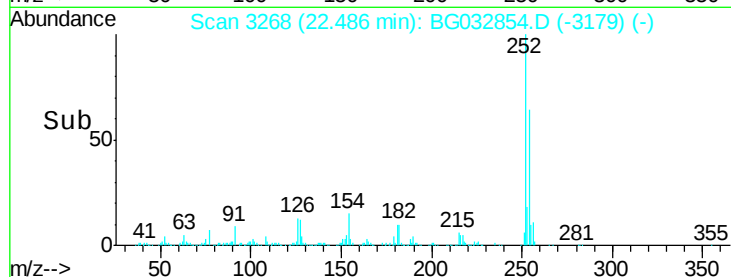
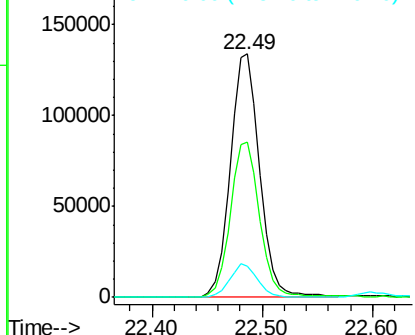
#81
 3,3'-Dichlorobenzidine
 Concen: 25.67 ng
 RT: 22.49 min Scan# 3268
 Delta R.T. -0.00 min
 Lab File: BG032854.D
 Acq: 27 Feb 2018 14:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:252 Resp: 249314
 Ion Ratio Lower Upper
 252 100
 254 63.8 50.8 76.2
 126 12.7 7.4 11.2#

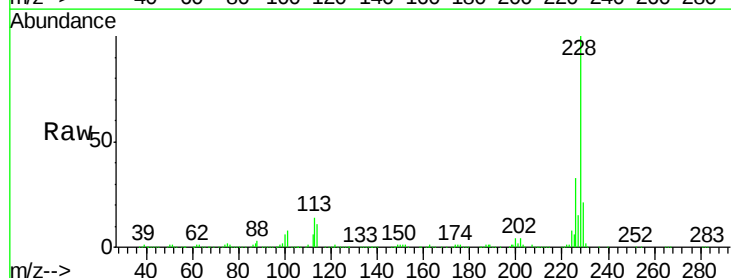


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

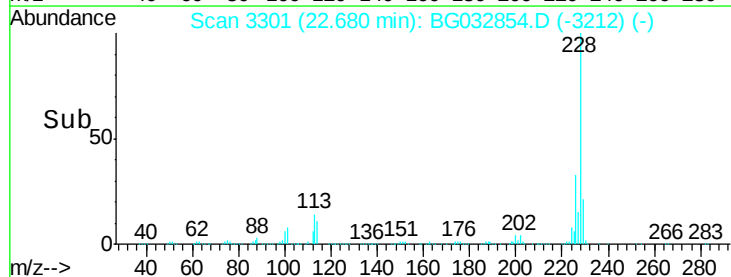
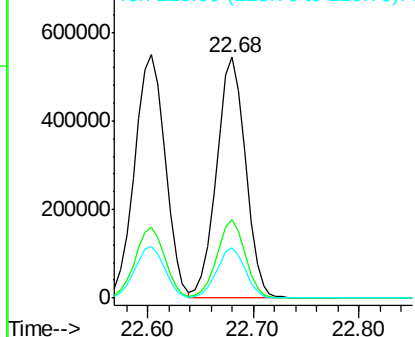


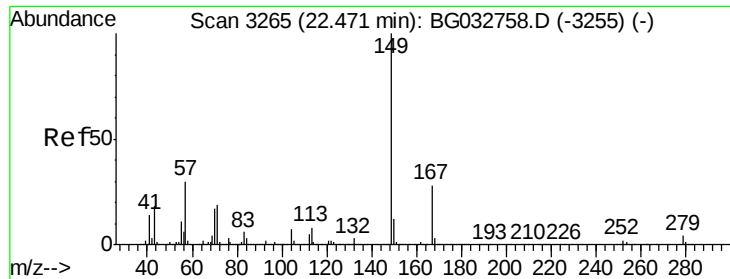
#82
 Chrysene
 Concen: 41.28 ng
 RT: 22.68 min Scan# 3301
 Delta R.T. -0.00 min
 Lab File: BG032854.D
 Acq: 27 Feb 2018 14:33

Tgt Ion:228 Resp: 1034244
 Ion Ratio Lower Upper
 228 100
 226 32.7 24.9 37.3
 229 21.1 15.0 22.4



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

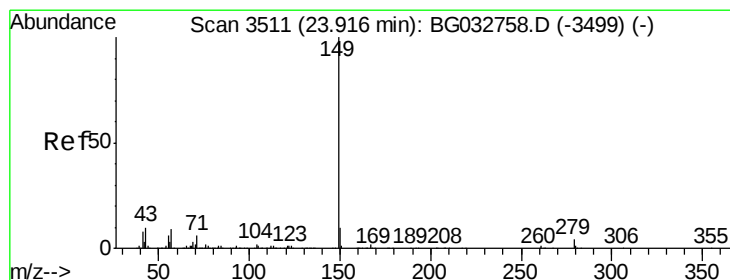
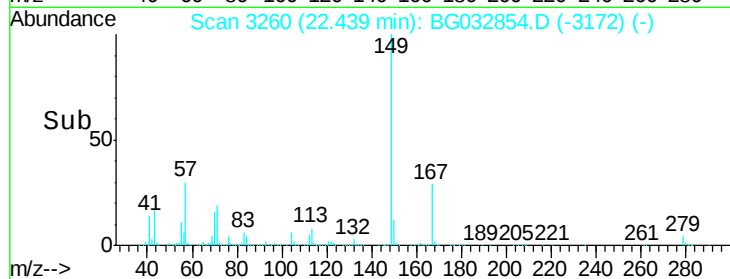
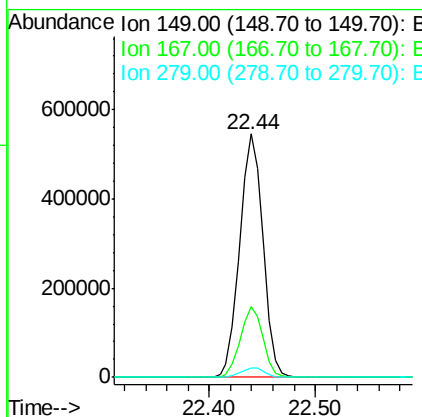
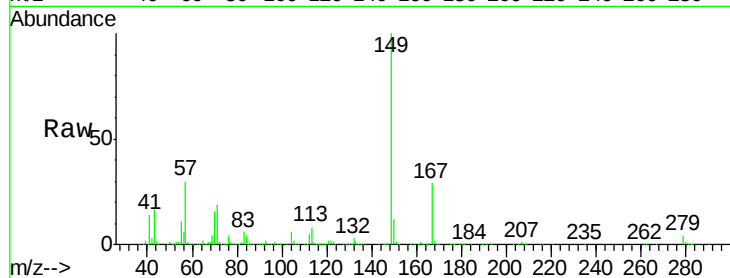




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.67 ng
 RT: 22.44 min Scan# 3260
 Delta R.T. -0.01 min
 Lab File: BG032854.D
 Acq: 27 Feb 2018 14:33

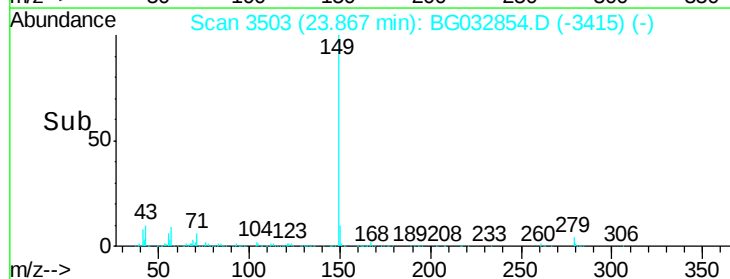
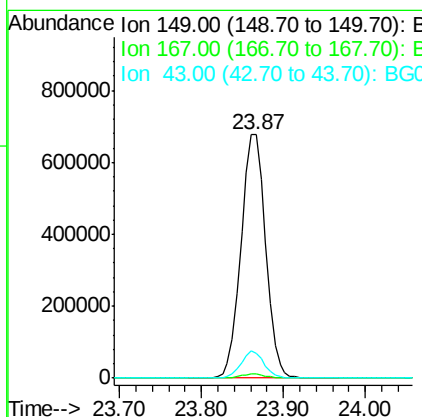
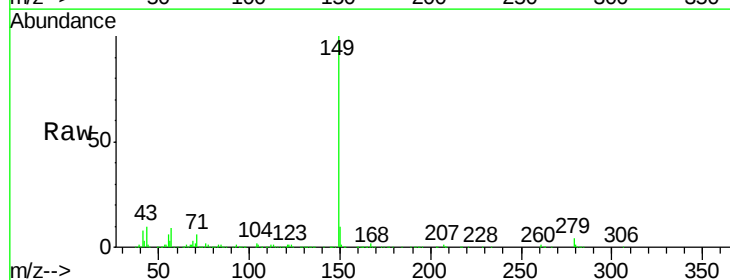
Instrument :
 BNA_G
 ClientSampleId :

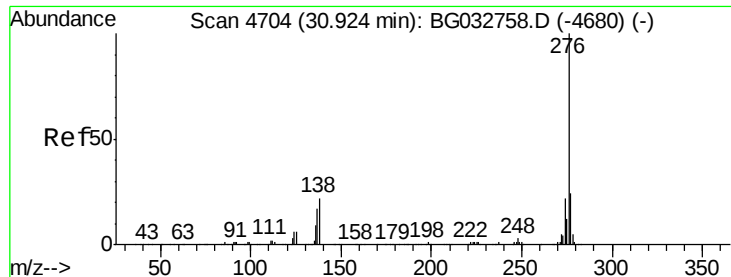
Tot Ion:149 Resp: 826670
 Ion Ratio Lower Upper
 149 100
 167 28.9 24.3 36.5
 279 3.9 4.0 6.0#



#84
 Di-n-octyl phthalate
 Concen: 49.29 ng
 RT: 23.87 min Scan# 3503
 Delta R.T. -0.01 min
 Lab File: BG032854.D
 Acq: 27 Feb 2018 14:33

Tgt Ion:149 Resp: 1422334
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.4 2.0
 43 10.3 8.9 13.3

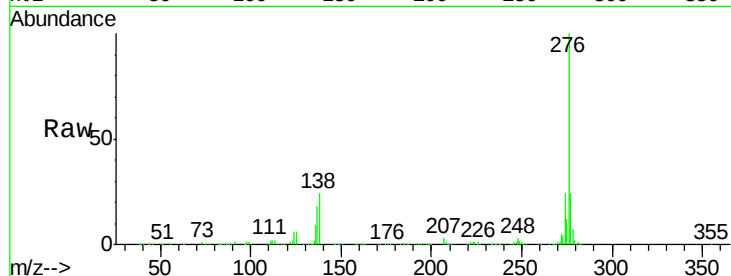




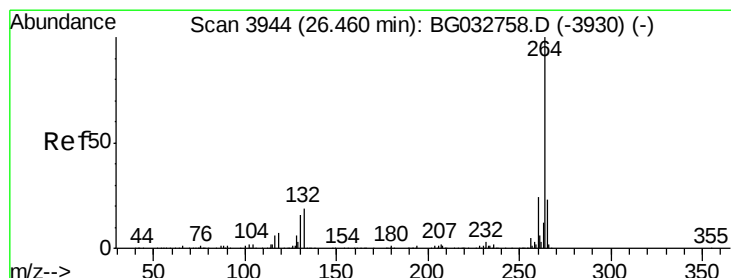
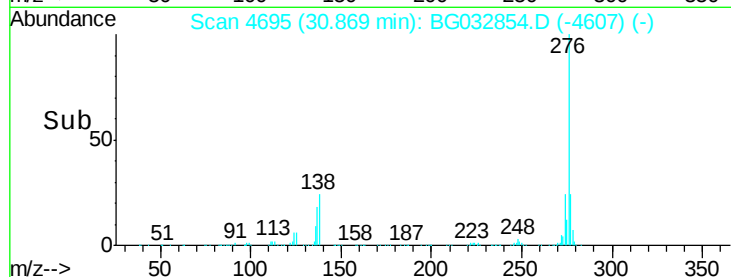
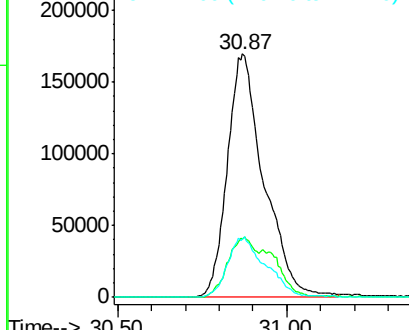
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.50 ng
 RT: 30.87 min Scan# 4695
 Delta R.T. -0.01 min
 Lab File: BG032854.D
 Acq: 27 Feb 2018 14:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1271010
 Ion Ratio Lower Upper
 276 100
 138 18.5 16.0 24.0
 277 26.1 20.0 30.0

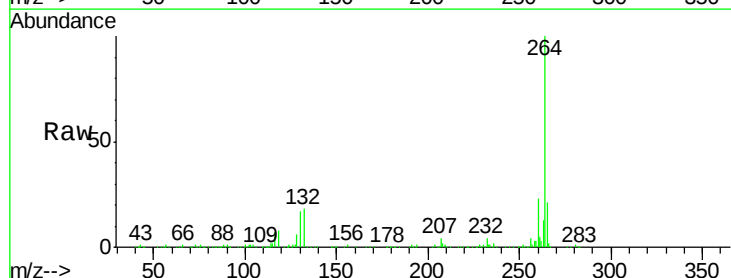


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

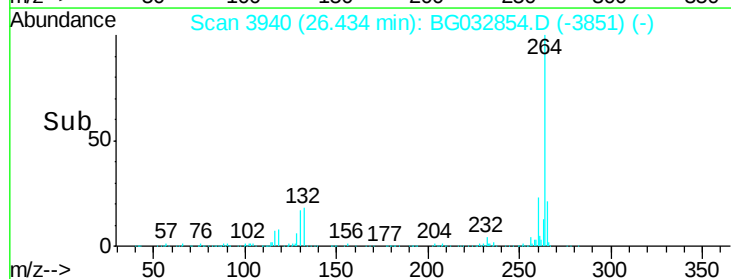
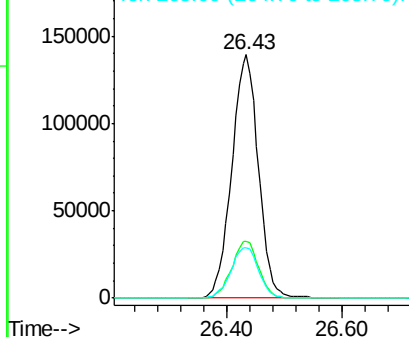


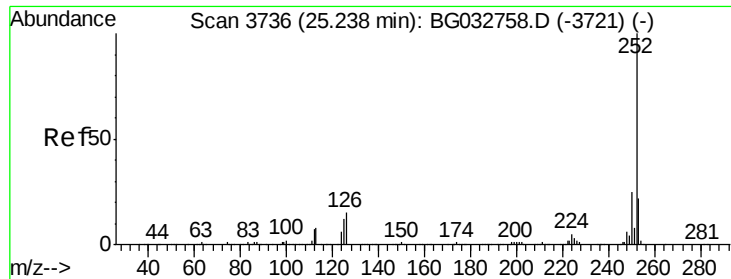
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 26.43 min Scan# 3940
 Delta R.T. -0.00 min
 Lab File: BG032854.D
 Acq: 27 Feb 2018 14:33

Tgt Ion:264 Resp: 442513
 Ion Ratio Lower Upper
 264 100
 260 23.5 17.4 26.0
 265 20.7 17.7 26.5



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

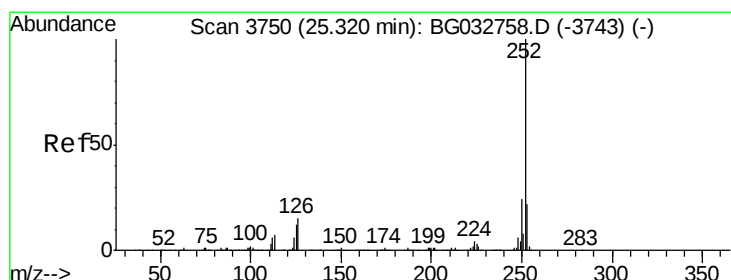
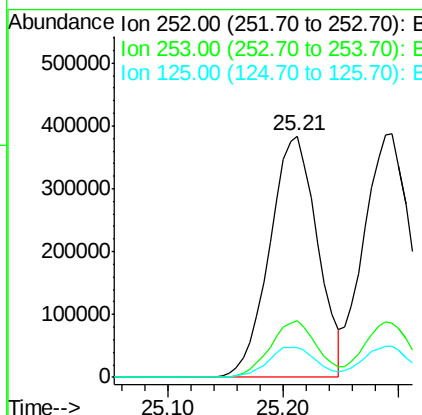
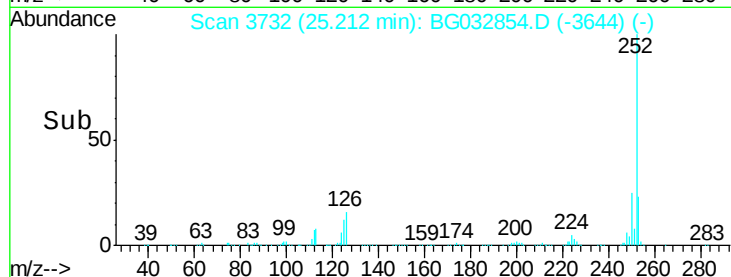
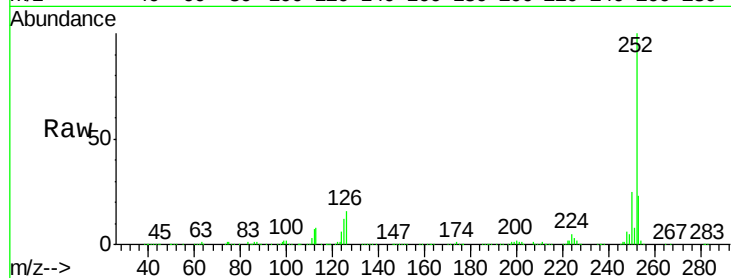




#87
Benzo(b)fluoranthene
Concen: 42.17 ng
RT: 25.21 min Scan# 3732
Delta R.T. -0.01 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

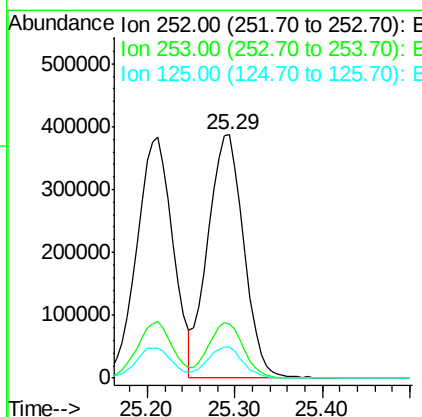
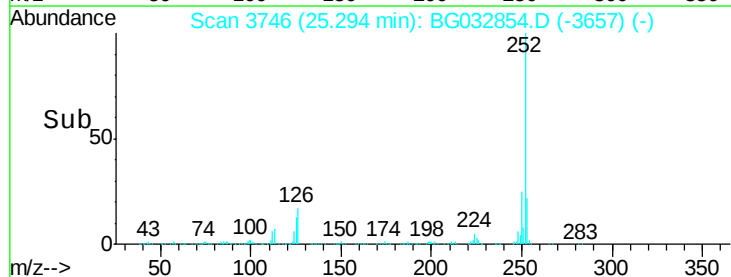
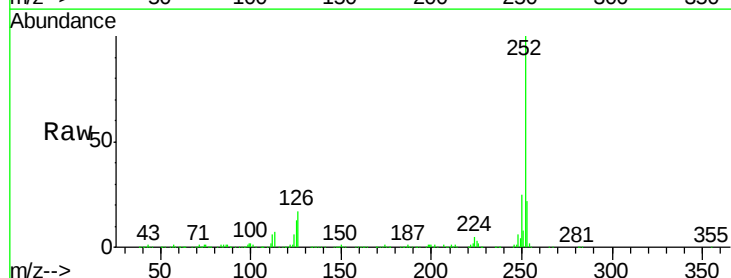
Instrument :
BNA_G
ClientSampleId :

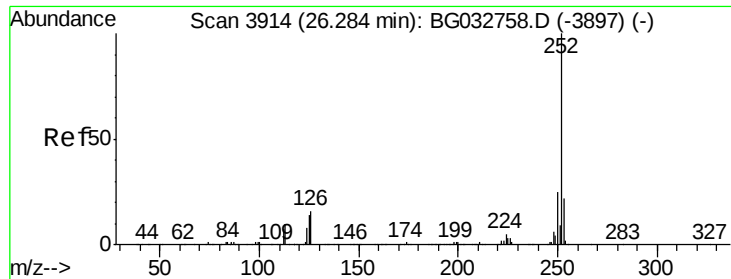
Tot Ion:252 Resp: 1103302
Ion Ratio Lower Upper
252 100
253 23.4 18.2 27.4
125 12.5 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 42.17 ng
RT: 25.29 min Scan# 3746
Delta R.T. -0.00 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

Tgt Ion:252 Resp: 1096570
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 12.8 6.6 9.8#

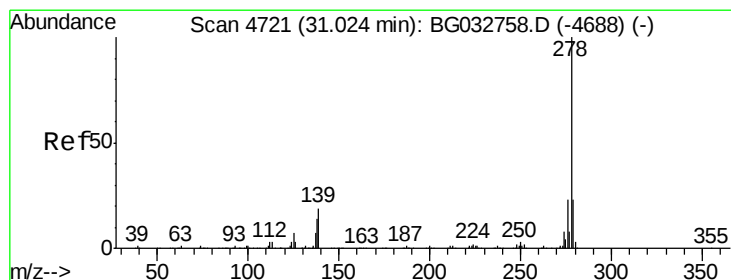
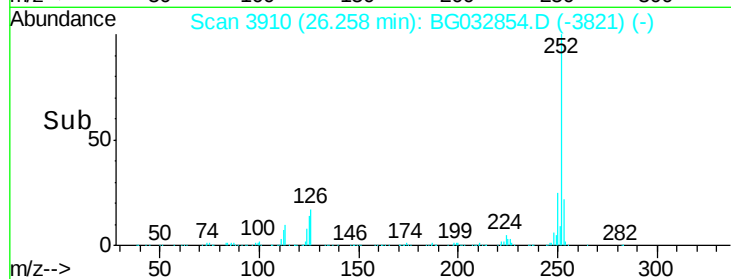
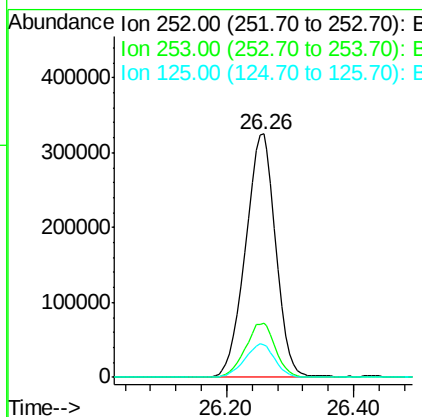
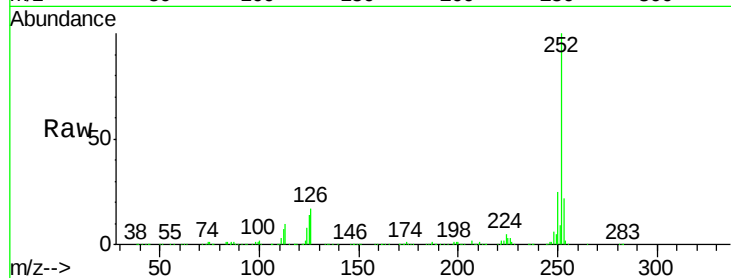




#89
Benzo(a)pyrene
Concen: 43.32 ng
RT: 26.26 min Scan# 3910
Delta R.T. -0.00 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

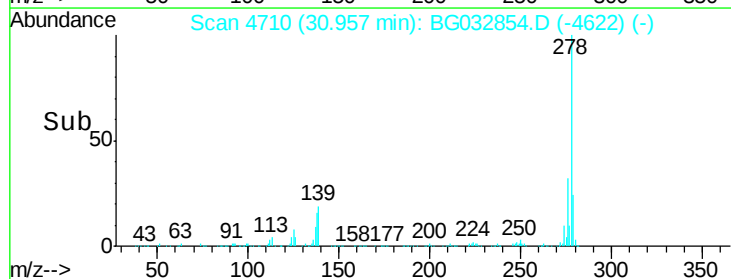
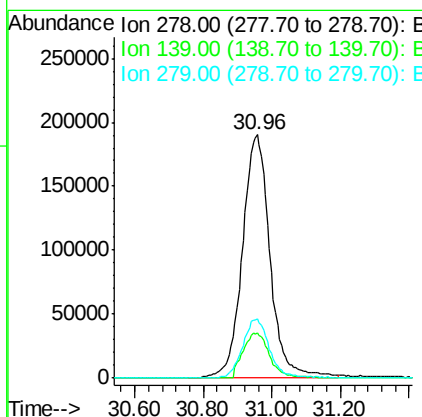
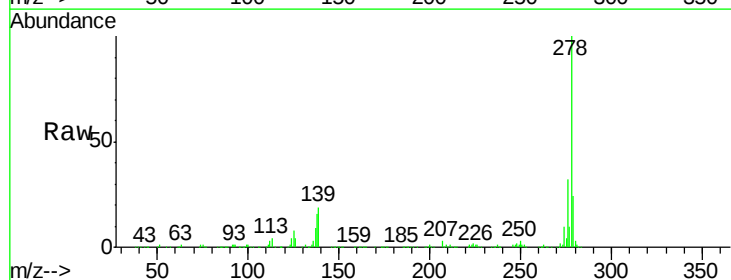
Instrument :
BNA_G
ClientSampleId :

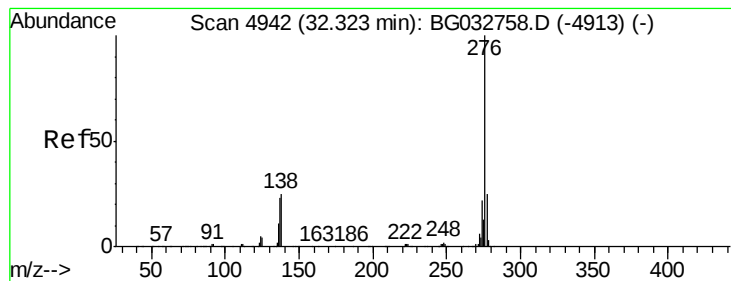
Tot Ion:252 Resp: 1078088
Ion Ratio Lower Upper
252 100
253 22.2 18.3 27.5
125 13.6 7.3 10.9#



#90
Dibenzo(a,h)anthracene
Concen: 42.62 ng
RT: 30.96 min Scan# 4710
Delta R.T. -0.01 min
Lab File: BG032854.D
Acq: 27 Feb 2018 14:33

Tgt Ion:278 Resp: 1067698
Ion Ratio Lower Upper
278 100
139 18.5 9.8 14.6#
279 24.2 18.4 27.6





#91

Benzo(a,h,i)perylene

Concen: 42.24 ng

RT: 32.26 min Scan# 4932

Delta R.T. -0.02 min

Lab File: BG032854.D

Acq: 27 Feb 2018 14:33

Instrument :

BNA_G

ClientSampleId :

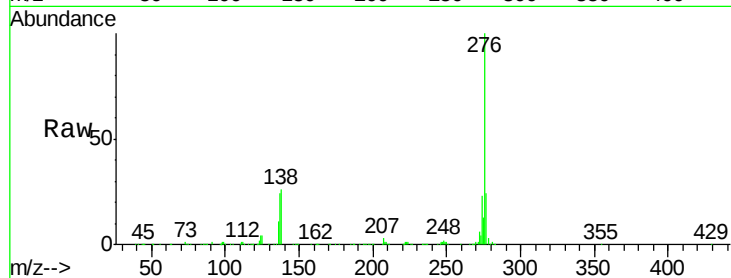
Tot Ion:276 Resp: 1043082

Ion Ratio Lower Upper

276 100

277 23.7 18.3 27.5

138 26.4 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

