

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022318\
 Data File : BG032803.D
 Acq On : 23 Feb 2018 23:19
 Operator : SJ/JU
 Sample : PB106794BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106794BS

Quant Time: Feb 24 02:27:26 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 17:04:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.93	152	54717	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	248402	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	143769	20.00	ng	0.00
63) Phenanthrene-d10	18.27	188	354606	20.00	ng	0.00
75) Chrysene-d12	22.63	240	343411	20.00	ng	0.00
86) Perylene-d12	26.44	264	378691	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.34	112	428262	125.22	ng	0.00
7) Phenol-d6	8.02	99	567142	118.97	ng	0.00
23) Nitrobenzene-d5	10.13	82	299071	83.72	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	201164	133.07	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	719238	72.15	ng	0.00
78) Terphenyl-d14	20.79	244	1185861	77.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.96	88	52756	35.54	ng	87
3) Pyridine	4.43	79	146646	35.85	ng	91
4) n-Nitrosodimethylamine	4.33	42	69133	42.15	ng	# 95
6) Aniline	8.21	93	110929	17.19	ng	96
8) 2-Chlorophenol	8.47	128	157427	42.05	ng	91
9) Benzaldehyde	8.02	77	80192	29.19	ng	93
10) Phenol	8.05	94	201643	41.96	ng	90
11) bis(2-Chloroethyl)ether	8.30	93	142086	36.16	ng	92
12) 1,3-Dichlorobenzene	8.81	146	156024	35.58	ng	97
13) 1,4-Dichlorobenzene	8.96	146	157256	35.63	ng	96
14) 1,2-Dichlorobenzene	9.30	146	147727	34.93	ng	97
15) Benzyl Alcohol	9.16	79	131337	37.48	ng	91
16) 2,2'-oxybis(1-Chloropropan	9.46	45	224648	33.26	ng	96
17) 2-Methylphenol	9.35	107	135264	38.17	ng	96
18) Hexachloroethane	10.06	117	55763	37.11	ng	88
19) n-Nitroso-di-n-propylamine	9.73	70	112107	33.31	ng	# 96
20) 3+4-Methylphenols	9.69	107	185399	37.63	ng	93
22) Acetophenone	9.77	105	216657	34.54	ng	# 93
24) Nitrobenzene	10.17	77	152721	39.81	ng	91
25) Isophorone	10.70	82	311718	35.75	ng	95
26) 2-Nitrophenol	10.90	139	70230	49.66	ng	# 86
27) 2,4-Dimethylphenol	10.92	122	169530	44.76	ng	88
28) bis(2-Chloroethoxy)methane	11.17	93	192958	37.99	ng	96
29) 2,4-Dichlorophenol	11.44	162	140252	40.80	ng	95
30) 1,2,4-Trichlorobenzene	11.66	180	137723	34.18	ng	99
31) Naphthalene	11.86	128	463714	35.73	ng	99
32) Benzoic acid	11.02	122	106363	45.97	ng	85
33) 4-Chloroaniline	11.95	127	97865	16.86	ng	94
34) Hexachlorobutadiene	12.13	225	74310	32.88	ng	98
35) Caprolactam	12.69	113	61874	44.95	ng	# 86
36) 4-Chloro-3-methylphenol	13.00	107	171546	42.88	ng	89
37) 2-Methylnaphthalene	13.42	142	342768	36.50	ng	90
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	140092	32.83	ng	# 96
40) Hexachlorocyclopentadiene	13.74	237	173601	79.82	ng	92

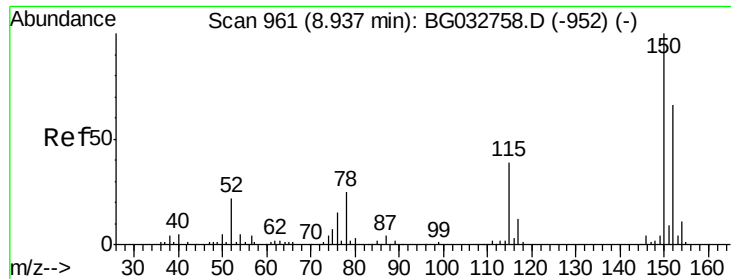
Data Path : Z:\HPCHEM1\BNA G\DATA\BG022318\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.99	196	108404	40.28	nq	97
43) 2,4,5-Trichlorophenol	14.06	196	125329	40.23	nq	96
45) 1,1'-Biphenyl	14.38	154	430416	34.26	nq	97
46) 2-Chloronaphthalene	14.44	162	327589	34.91	nq	99
47) 2-Nitroaniline	14.61	65	106103	45.48	nq	91
48) Acenaphthylene	15.27	152	546646	35.58	nq	99
49) Dimethylphthalate	14.97	163	439164	35.98	nq	99
50) 2,6-Dinitrotoluene	15.10	165	92636	46.25	nq	# 84
51) Acenaphthene	15.61	154	369465	38.61	nq	97
52) 3-Nitroaniline	15.42	138	70041	31.16	nq	# 80
53) 2,4-Dinitrophenol	15.62	184	76213	106.15	nq	# 32
54) Dibenzofuran	15.93	168	511949	37.57	nq	95
55) 4-Nitrophenol	15.69	139	191719	94.50	nq	# 78
56) 2,4-Dinitrotoluene	15.87	165	129497	53.34	nq	# 86
57) Fluorene	16.58	166	422020	37.53	nq	100
58) 2,3,4,6-Tetrachlorophenol	16.14	232	110116m	45.53	nq	
59) Diethylphthalate	16.31	149	480357	37.31	nq	98
60) 4-Chlorophenyl-phenylether	16.55	204	201138	36.56	nq	93
61) 4-Nitroaniline	16.57	138	111395	42.80	nq	83
62) Azobenzene	16.85	77	434856	37.75	nq	97
64) 4,6-Dinitro-2-methylphenol	16.62	198	53914	50.96	nq	97
65) n-Nitrosodiphenylamine	16.76	169	400642	34.73	nq	100
66) 4-Bromophenyl-phenylether	17.45	248	124966	33.33	nq	# 90
67) Hexachlorobenzene	17.57	284	132415	32.68	nq	# 93
68) Atrazine	17.68	200	144237	37.99	nq	96
69) Pentachlorophenol	17.90	266	190423	74.61	nq	99
70) Phenanthrene	18.31	178	713377	36.06	nq	98
71) Anthracene	18.40	178	738023	37.16	nq	99
72) Carbazole	18.66	167	709729	36.25	nq	97
73) Di-n-butylphthalate	19.16	149	885699	36.88	nq	99
74) Fluoranthene	20.26	202	822726	37.65	nq	93
76) Benzidine	20.42	184	238453	20.37	nq	99
77) Pyrene	20.62	202	837571	34.59	nq	97
79) Butylbenzylphthalate	21.49	149	415240	38.67	nq	90
80) Benzo(a)anthracene	22.61	228	804564	36.54	nq	99
81) 3,3'-Dichlorobenzidine	22.49	252	172955	21.21	nq	# 97
82) Chrysene	22.69	228	760186	36.14	nq	97
83) Bis(2-ethylhexyl)phthalate	22.46	149	597614	37.60	nq	97
84) Di-n-octyl phthalate	23.88	149	1023196	42.24	nq	98
85) Indeno(1,2,3-cd)pyrene	30.89	276	930557	37.93	nq	97
87) Benzo(b)fluoranthene	25.22	252	812167	36.27	nq	# 97
88) Benzo(k)fluoranthene	25.30	252	793923	35.68	nq	# 95
89) Benzo(a)pyrene	26.26	252	786863	36.95	nq	# 96
90) Dibenzo(a,h)anthracene	30.98	278	783334	36.54	nq	# 94
91) Benzo(g,h,i)perylene	32.28	276	776939	36.77	nq	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.93 min Scan# 960

Delta R.T. 0.00 min

Lab File: BG032803.D

Acq: 23 Feb 2018 23:19

Instrument :

BNA_G

ClientSampleId :

PB106794BS

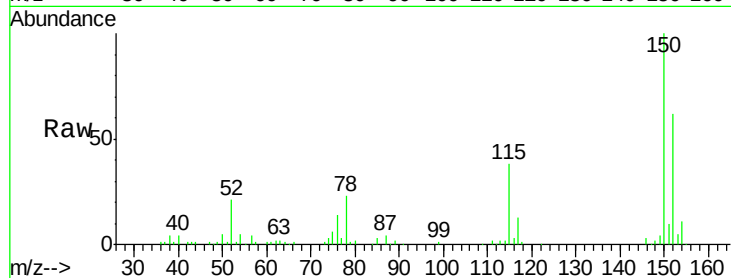
Tot Ion:152 Resp: 54717

Ion Ratio Lower Upper

152 100

150 160.1 126.6 189.8

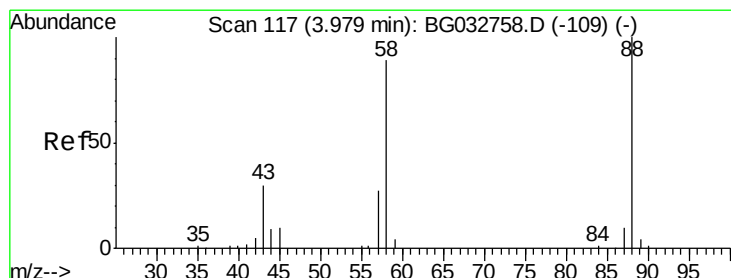
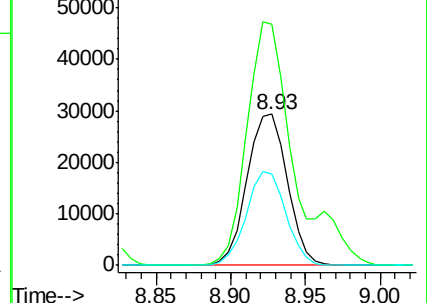
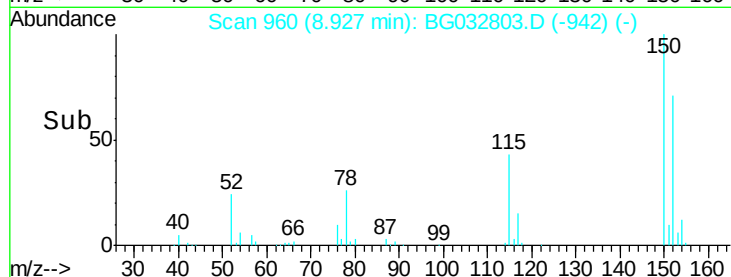
115 60.6 53.0 79.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.54 ng

RT: 3.96 min Scan# 115

Delta R.T. -0.01 min

Lab File: BG032803.D

Acq: 23 Feb 2018 23:19

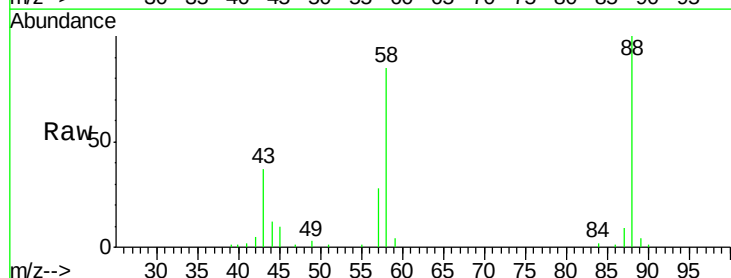
Tgt Ion: 88 Resp: 52756

Ion Ratio Lower Upper

88 100

58 82.6 79.6 119.4

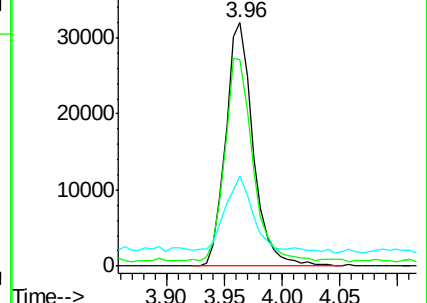
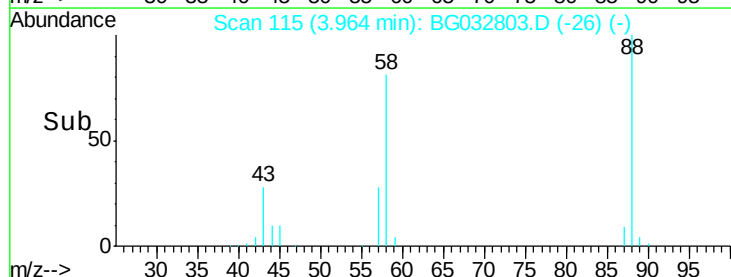
43 35.1 27.4 41.0

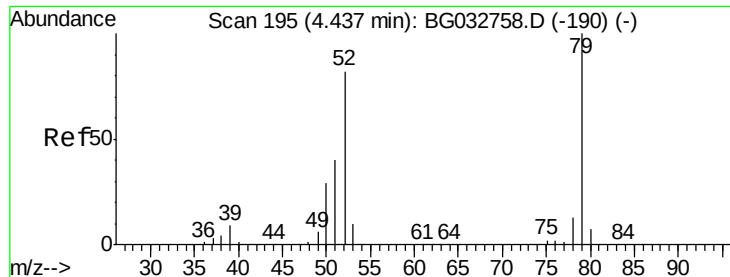


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 35.85 ng

RT: 4.43 min Scan# 194

Delta R.T. -0.00 min

Lab File: BG032803.D

Acq: 23 Feb 2018 23:19

Instrument :

BNA_G

ClientSampleId :

PB106794BS

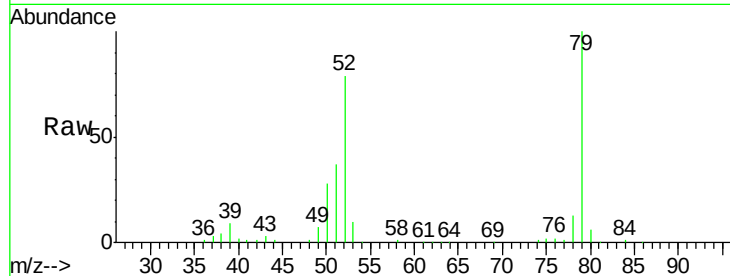
Tot Ion: 79 Resp: 146646

Ion Ratio Lower Upper

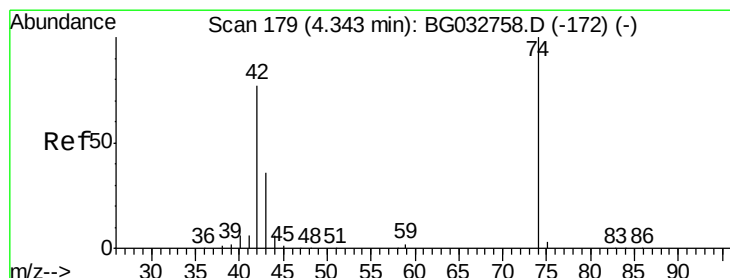
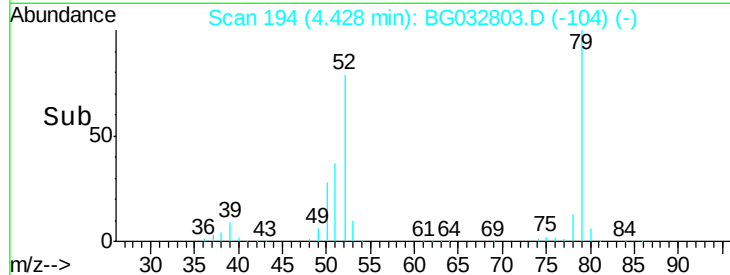
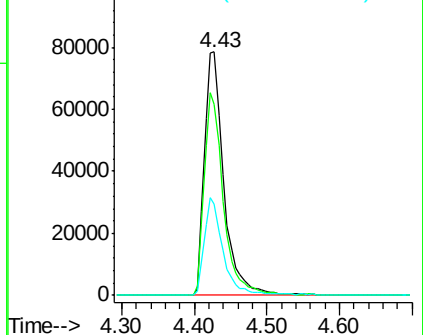
79 100

52 78.6 69.9 104.9

51 37.4 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: 42.15 ng

RT: 4.33 min Scan# 177

Delta R.T. -0.01 min

Lab File: BG032803.D

Acq: 23 Feb 2018 23:19

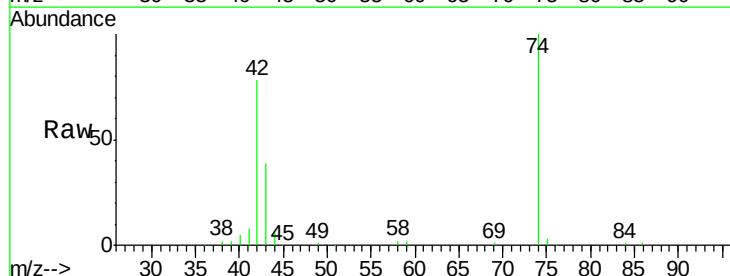
Tgt Ion: 42 Resp: 69133

Ion Ratio Lower Upper

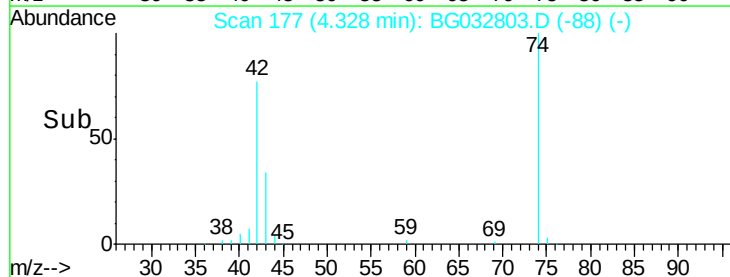
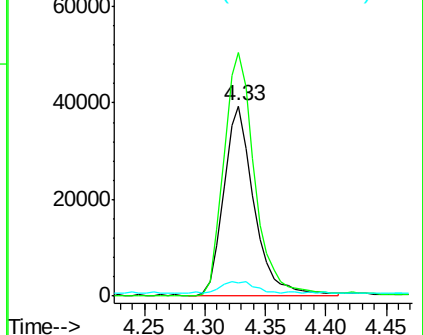
42 100

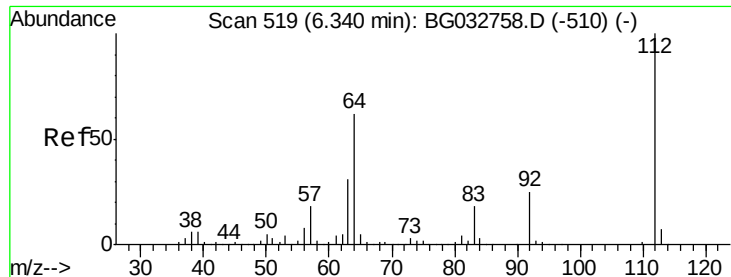
74 128.0 102.5 153.7

44 7.1 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: 125.22 ng

RT: 6.34 min Scan# 519

Delta R.T. 0.00 min

Lab File: BG032803.D

Acq: 23 Feb 2018 23:19

Instrument :

BNA_G

ClientSampleId :

PB106794BS

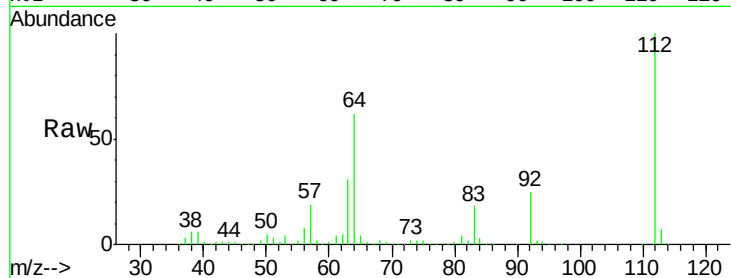
Tot Ion:112 Resp: 428262

Ion Ratio Lower Upper

112 100

64 62.3 56.3 84.5

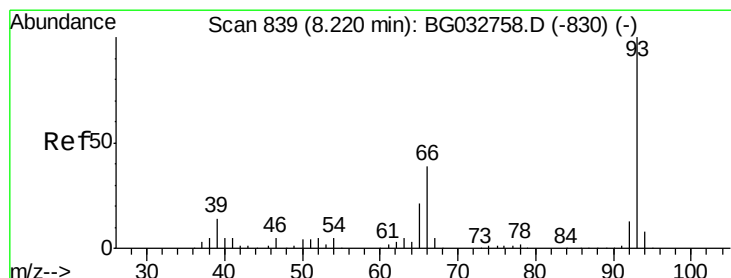
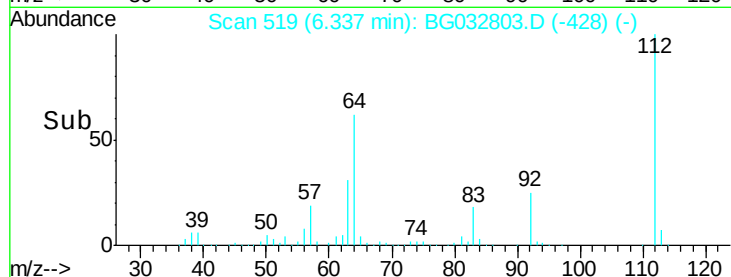
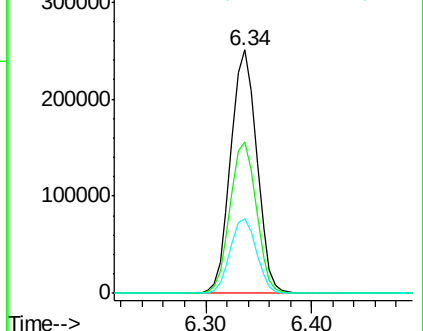
63 30.8 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 17.19 ng

RT: 8.21 min Scan# 838

Delta R.T. -0.00 min

Lab File: BG032803.D

Acq: 23 Feb 2018 23:19

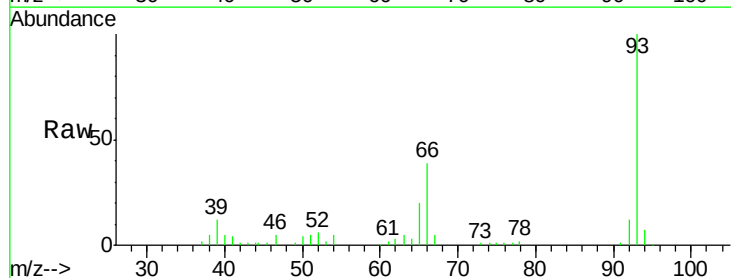
Tgt Ion: 93 Resp: 110929

Ion Ratio Lower Upper

93 100

66 38.6 33.7 50.5

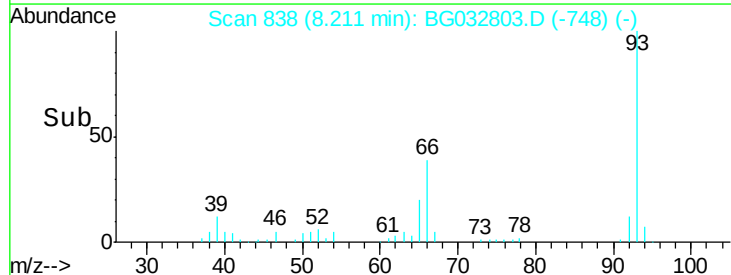
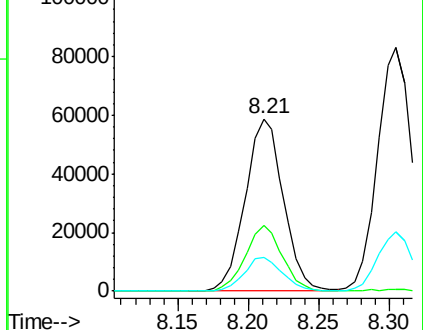
65 19.6 16.1 24.1

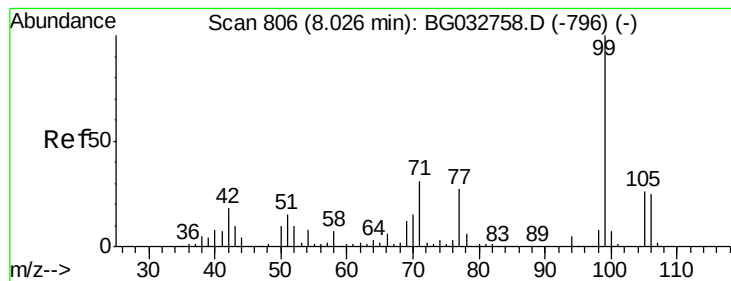


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 118.97 ng

RT: 8.02 min Scan# 805

Delta R.T. -0.00 min

Lab File: BG032803.D

Acq: 23 Feb 2018 23:19

Instrument :

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ClientSampleId :

PB106794BS

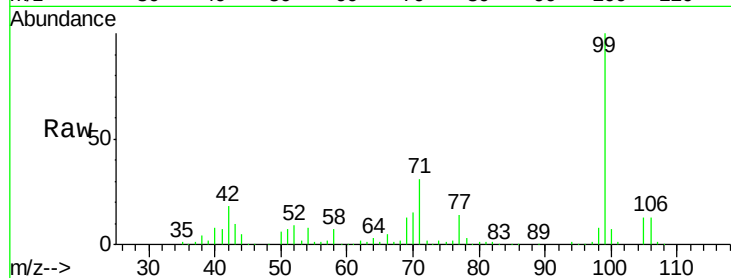
Tot Ion: 99 Resp: 567142

Ion Ratio Lower Upper

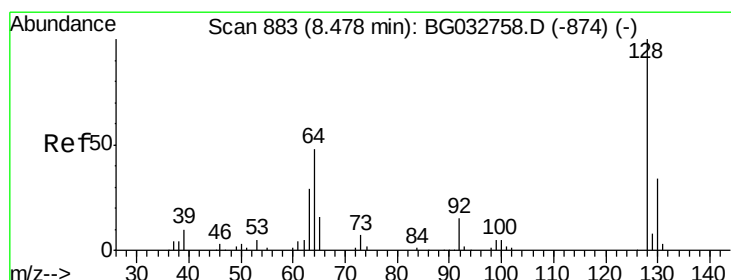
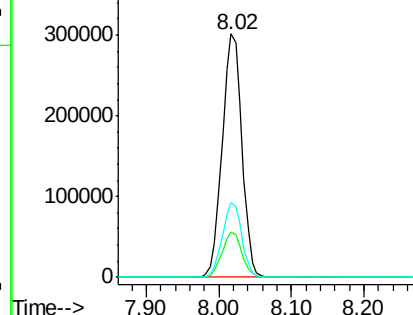
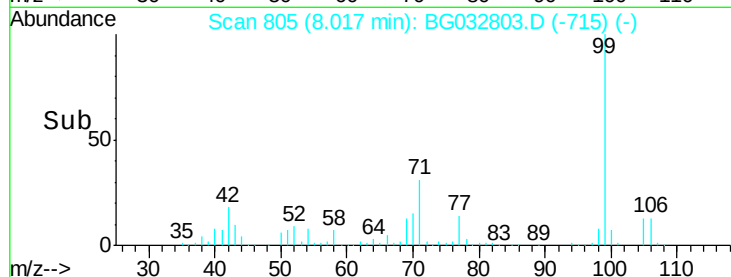
99 100

42 18.4 14.1 21.1

71 30.6 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 42.05 ng

RT: 8.47 min Scan# 882

Delta R.T. 0.00 min

Lab File: BG032803.D

Acq: 23 Feb 2018 23:19

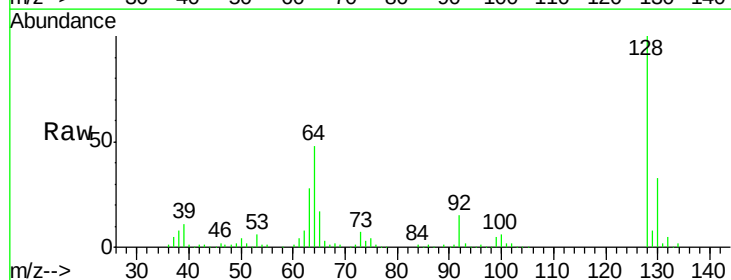
Tgt Ion:128 Resp: 157427

Ion Ratio Lower Upper

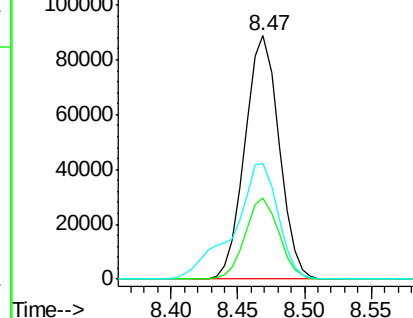
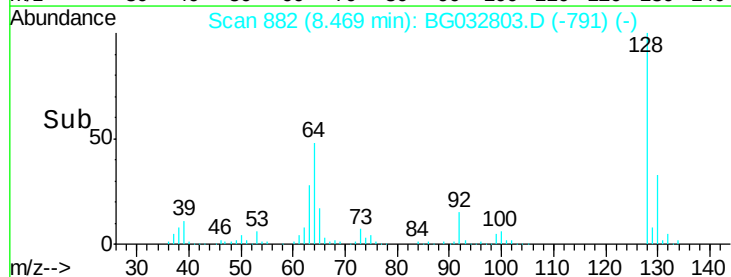
128 100

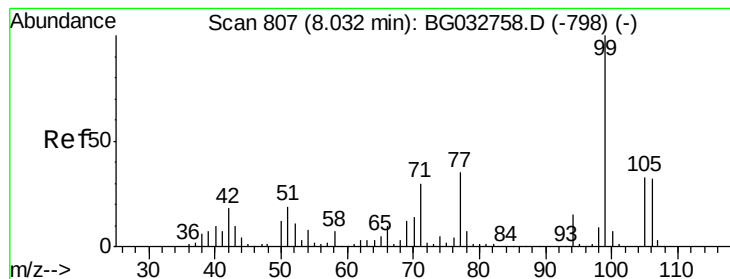
130 33.2 14.0 54.0

64 47.5 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: 29.19 ng

RT: 8.02 min Scan# 806

Delta R.T. 0.00 min

Lab File: BG032803.D

Acq: 23 Feb 2018 23:19

Instrument :

BNA_G

ClientSampleID :

PB106794BS

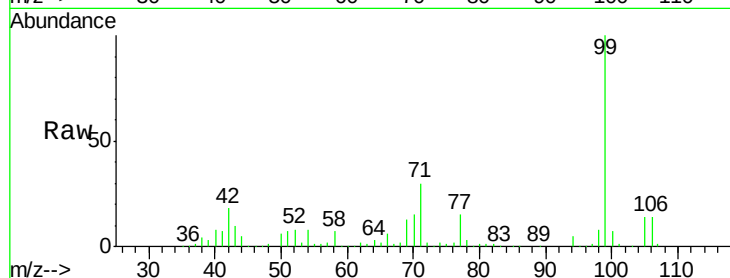
Tot Ion: 77 Resp: 80192

Ion Ratio Lower Upper

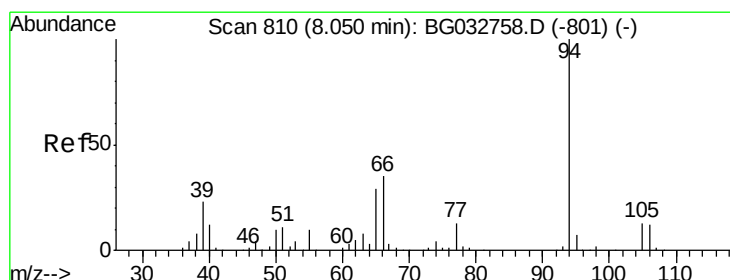
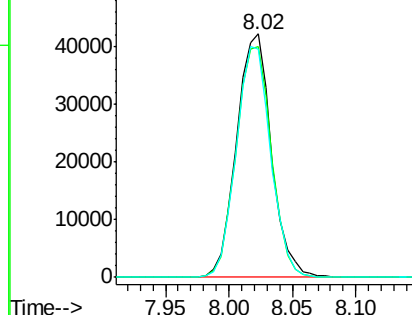
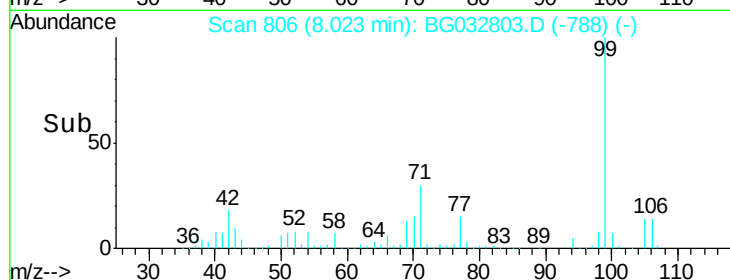
77 100

105 94.6 71.3 111.3

106 93.6 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: 41.96 ng

RT: 8.05 min Scan# 810

Delta R.T. 0.00 min

Lab File: BG032803.D

Acq: 23 Feb 2018 23:19

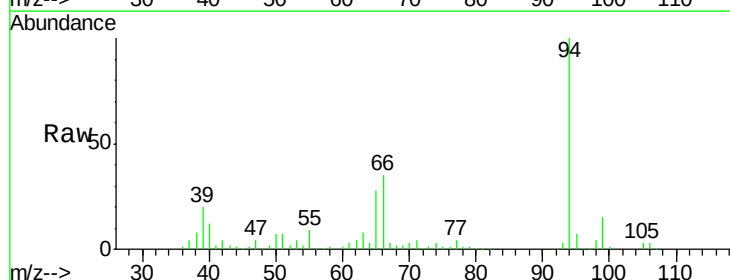
Tgt Ion: 94 Resp: 201643

Ion Ratio Lower Upper

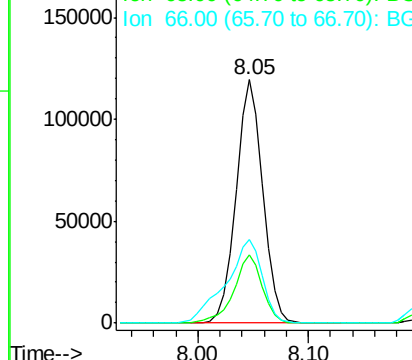
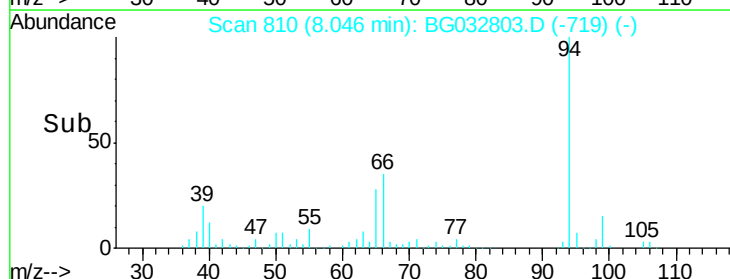
94 100

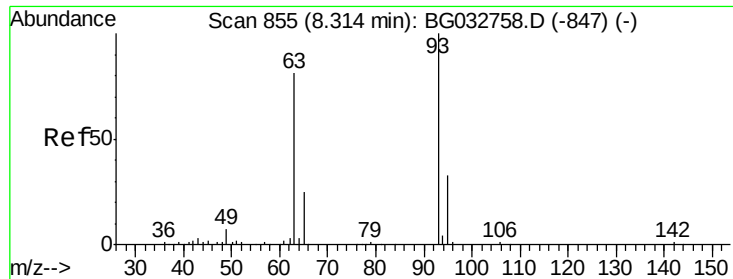
65 27.8 11.9 51.9

66 34.6 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: 36.16 ng

RT: 8.30 min Scan# 854

Delta R.T. -0.00 min

Lab File: BG032803.D

Acq: 23 Feb 2018 23:19

Instrument :

BNA_G

ClientSampled :

PB106794BS

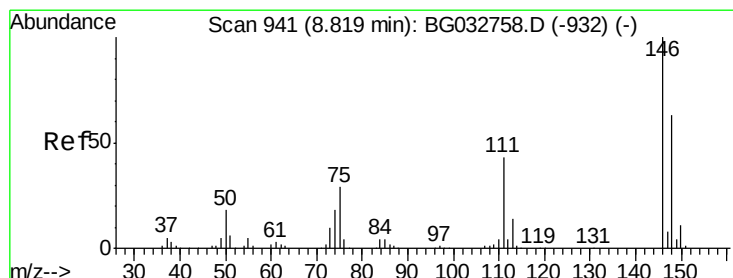
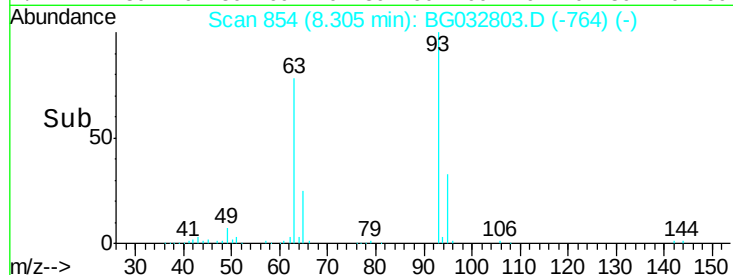
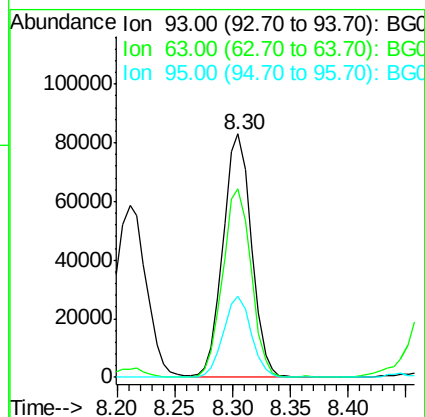
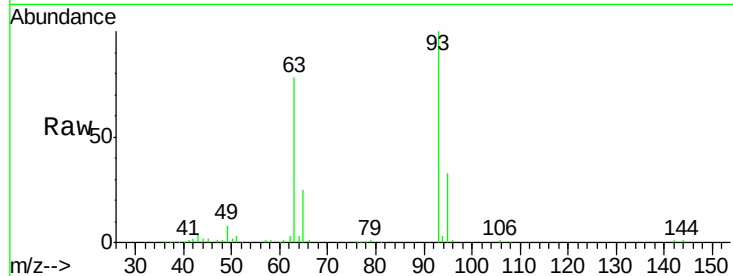
Tot Ion: 93 Resp: 142086

Ion Ratio Lower Upper

93 100

63 77.6 67.1 107.1

95 33.4 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 35.58 ng

RT: 8.81 min Scan# 940

Delta R.T. -0.00 min

Lab File: BG032803.D

Acq: 23 Feb 2018 23:19

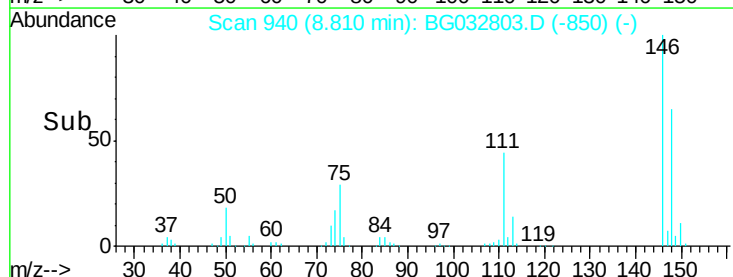
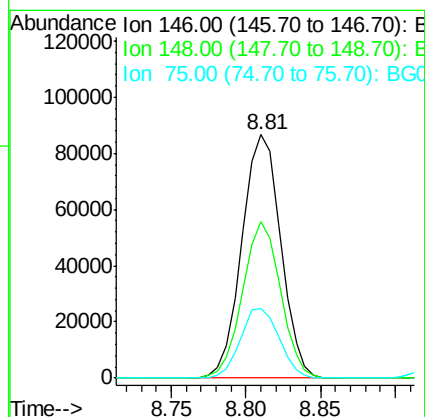
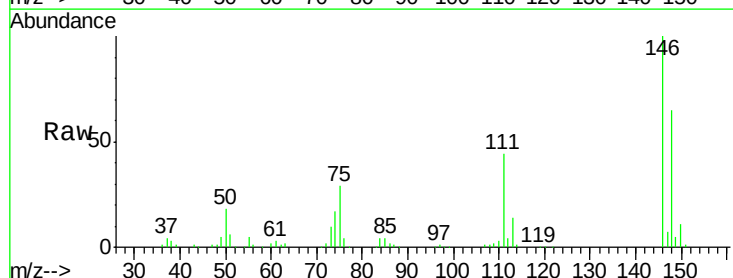
Tgt Ion: 146 Resp: 156024

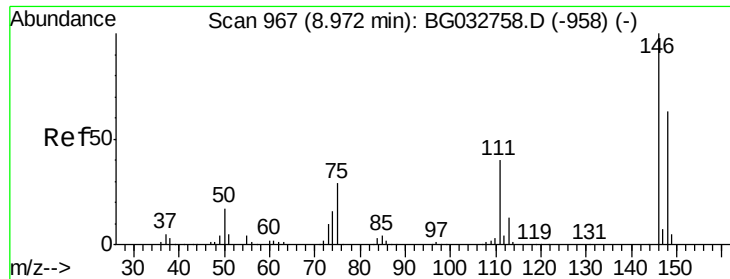
Ion Ratio Lower Upper

146 100

148 64.5 51.4 77.2

75 28.5 26.6 39.8

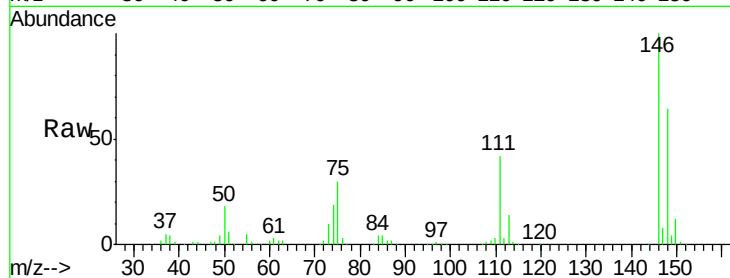




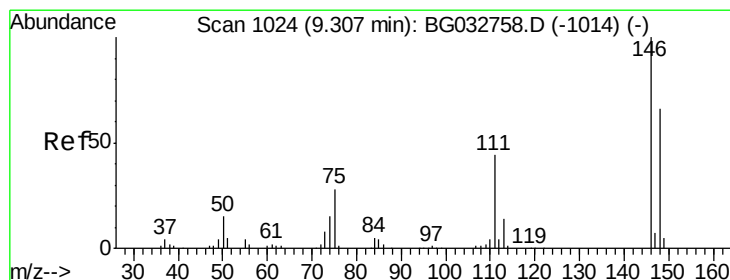
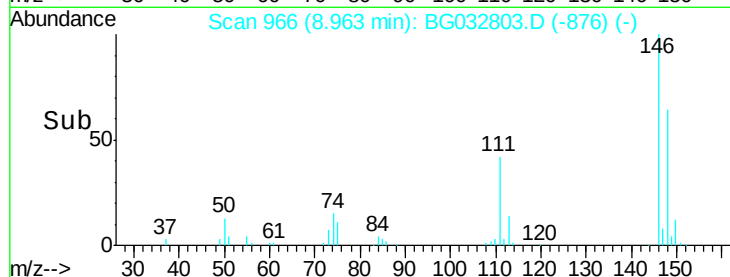
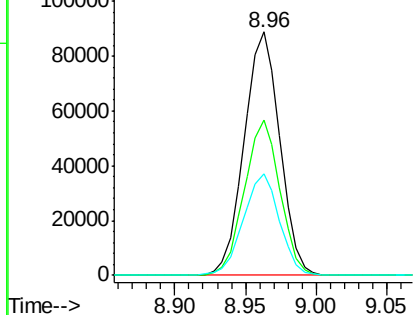
#13
 1,4-Dichlorobenzene
 Concen: 35.63 ng
 RT: 8.96 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: BG032803.D
 Acq: 23 Feb 2018 23:19

Instrument :
 BNA_G
 ClientSampleId :
 PB106794BS

Tot Ion:146 Resp: 157256
 Ion Ratio Lower Upper
 146 100
 148 63.9 53.7 80.5
 111 41.5 35.2 52.8

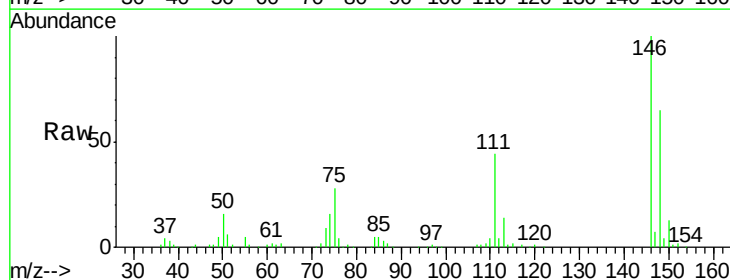


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

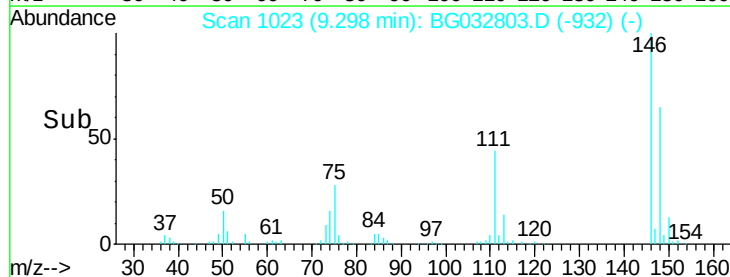
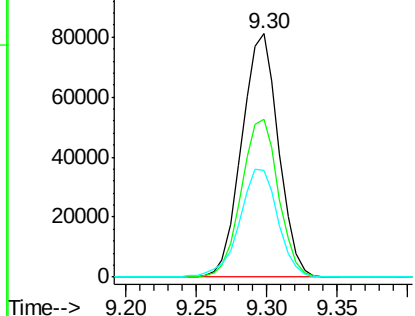


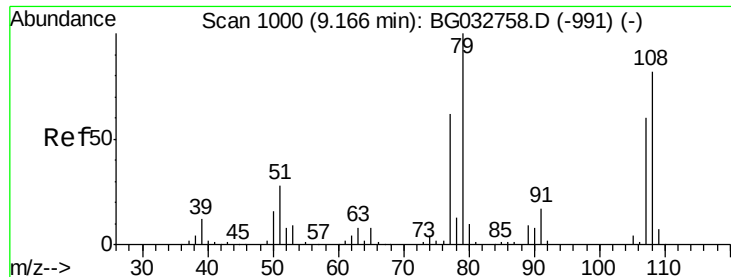
#14
 1,2-Dichlorobenzene
 Concen: 34.93 ng
 RT: 9.30 min Scan# 1023
 Delta R.T. 0.00 min
 Lab File: BG032803.D
 Acq: 23 Feb 2018 23:19

Tgt Ion:146 Resp: 147727
 Ion Ratio Lower Upper
 146 100
 148 65.1 49.3 73.9
 111 43.9 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

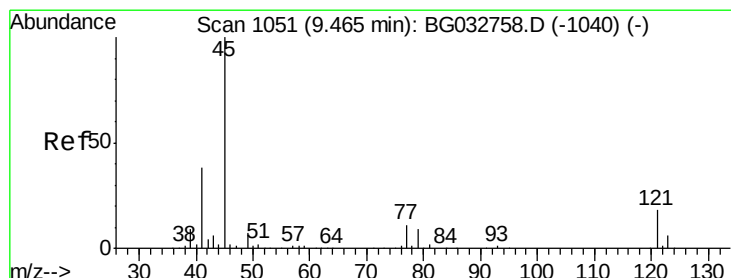
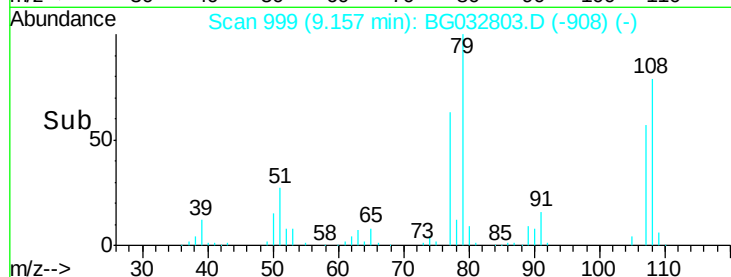
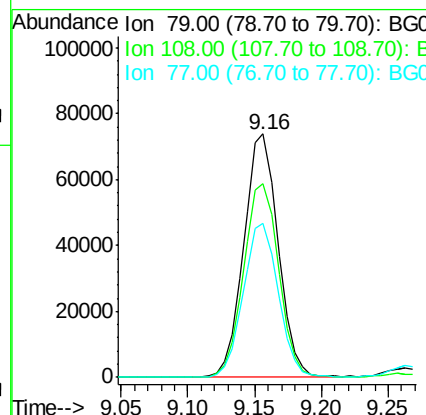
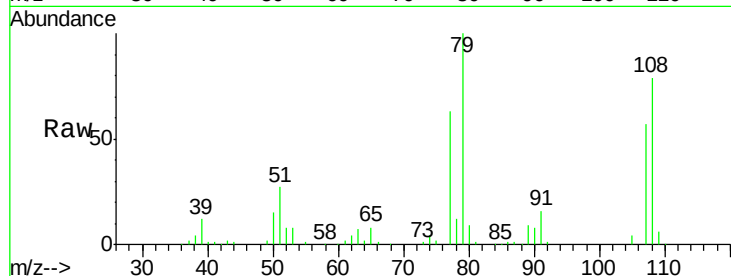




#15
Benzyl Alcohol
Concen: 37.48 ng
RT: 9.16 min Scan# 999
Delta R.T. 0.00 min
Lab File: BG032803.D
Acq: 23 Feb 2018 23:19

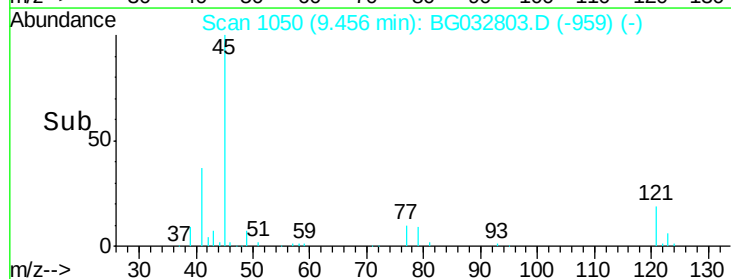
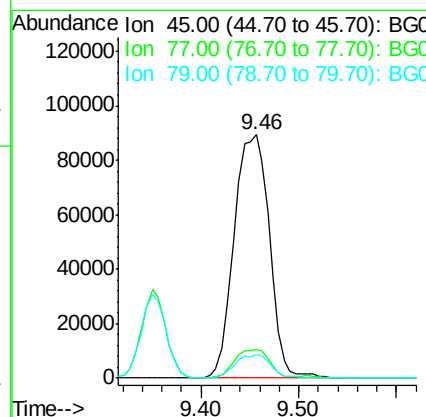
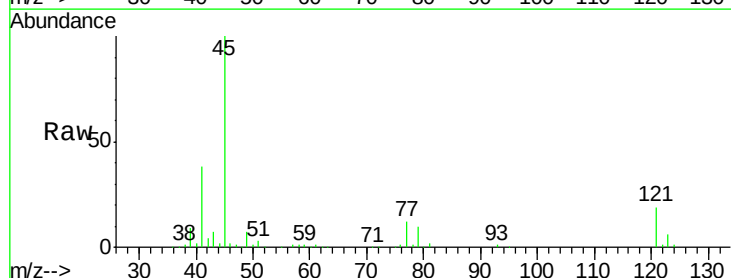
Instrument :
BNA_G
ClientSampleID :
PB106794BS

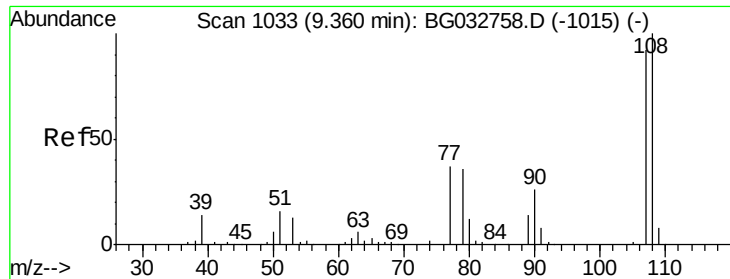
Tot Ion: 79 Resp: 131337
Ion Ratio Lower Upper
79 100
108 79.4 57.2 85.8
77 63.0 46.1 69.1



#16
2,2'-oxybis(1-chloropropane)
Concen: 33.26 ng
RT: 9.46 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BG032803.D
Acq: 23 Feb 2018 23:19

Tgt Ion: 45 Resp: 224648
Ion Ratio Lower Upper
45 100
77 11.8 0.0 30.2
79 9.6 0.0 27.9

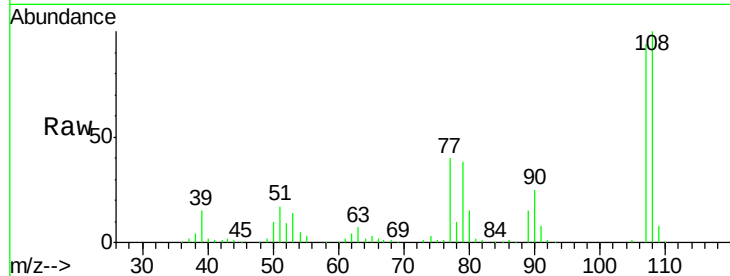




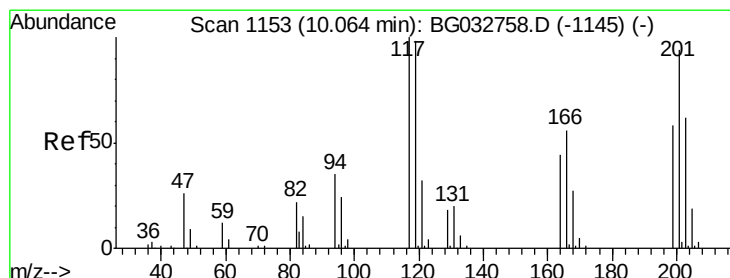
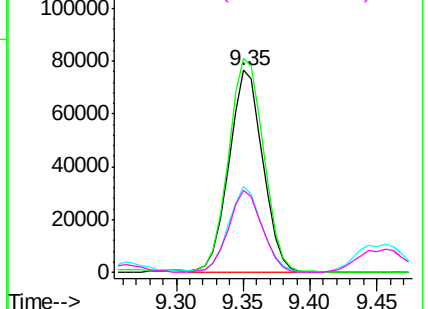
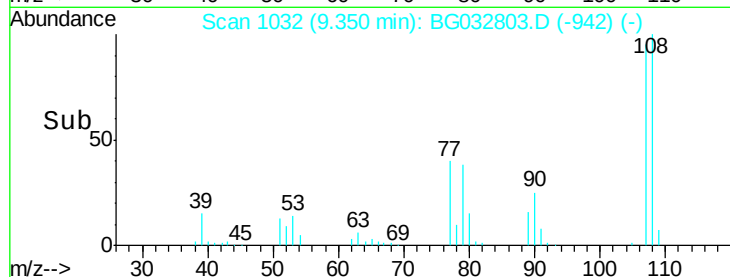
#17
2-Methylphenol
Concen: 38.17 ng
RT: 9.35 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG032803.D
Acq: 23 Feb 2018 23:19

Instrument :
BNA_G
ClientSampleId :
PB106794BS

Tot Ion:107 Resp: 135264
Ion Ratio Lower Upper
107 100
108 105.9 83.9 125.9
77 42.5 37.2 55.8
79 40.4 36.2 54.2

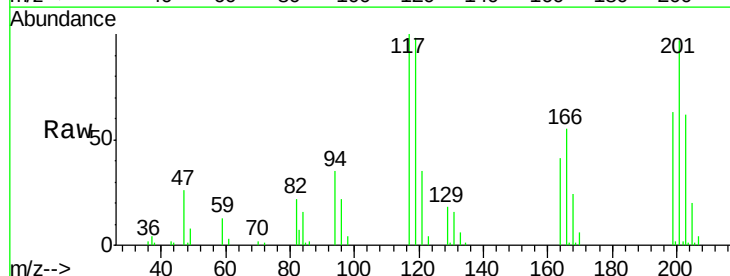


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

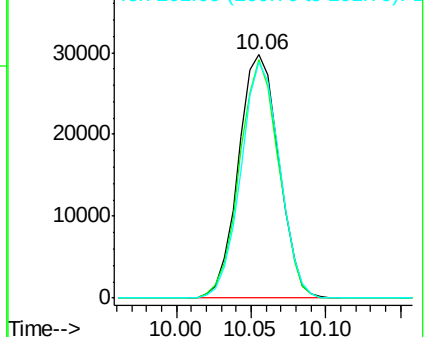
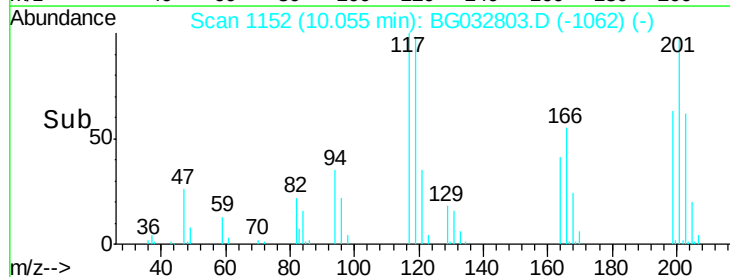


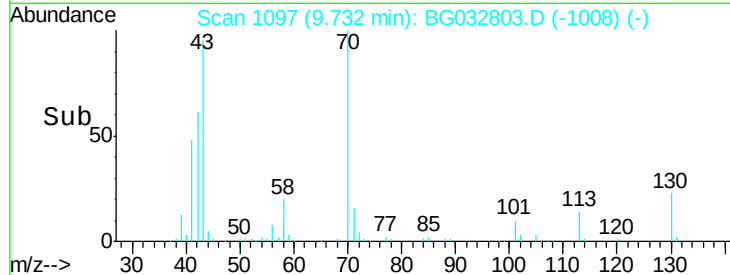
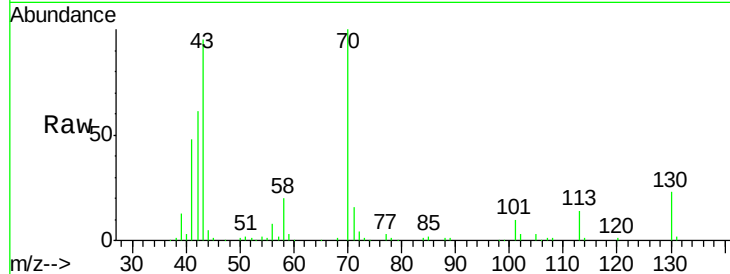
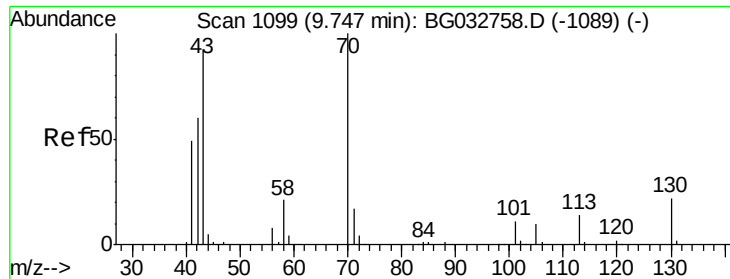
#18
Hexachloroethane
Concen: 37.11 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BG032803.D
Acq: 23 Feb 2018 23:19

Tgt Ion:117 Resp: 55763
Ion Ratio Lower Upper
117 100
119 98.1 76.7 115.1
201 96.8 95.7 143.5



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

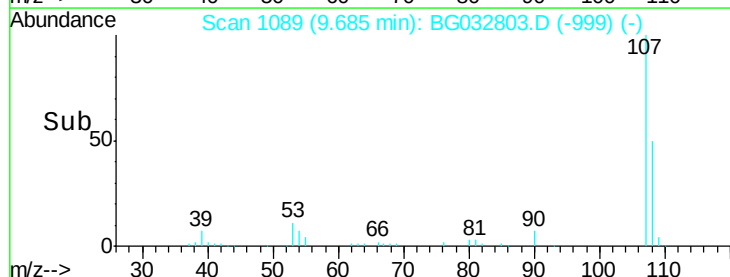
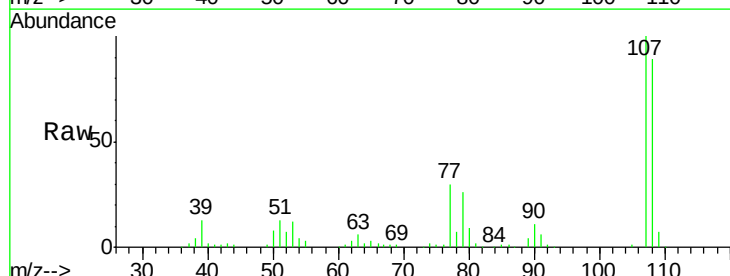
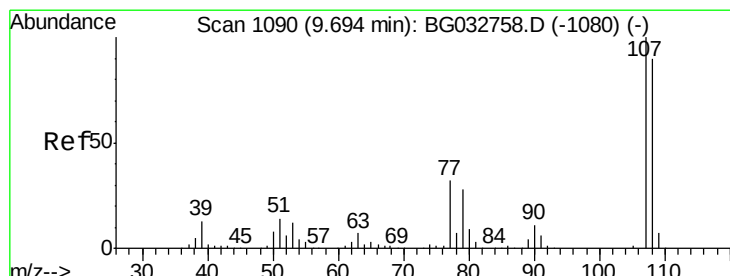
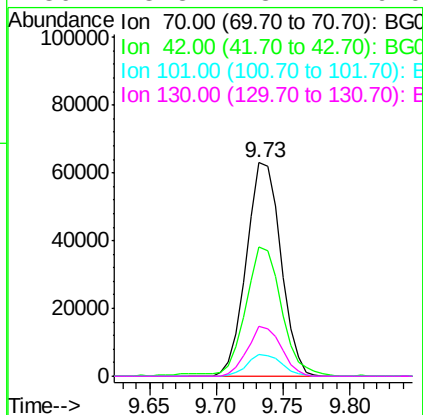




#19
n-Nitroso-di-n-propylamine
Concen: 33.31 ng
RT: 9.73 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BG032803.D
Acq: 23 Feb 2018 23:19

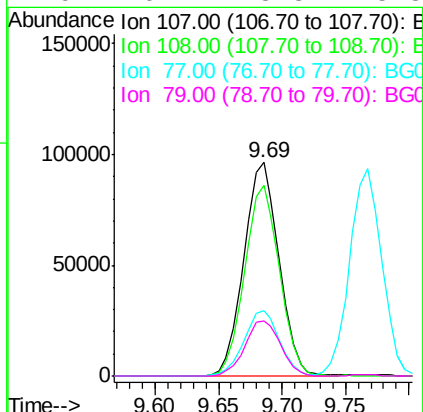
Instrument :
BNA_G
ClientSampleId :
PB106794BS

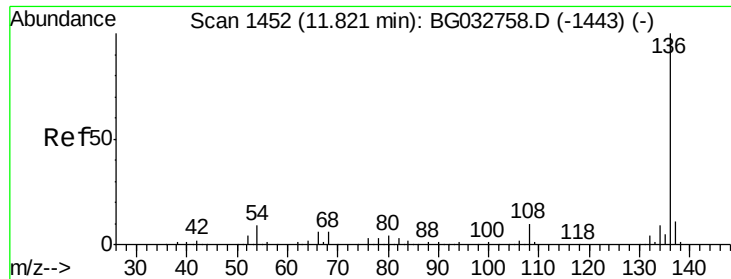
Tot Ion:	70	Resp:	112107
Ion	Ratio	Lower	Upper
70	100		
42	60.5	49.1	73.7
101	10.1	8.5	12.7
130	23.3	13.4	20.0#



#20
3+4-Methylphenols
Concen: 37.63 ng
RT: 9.69 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BG032803.D
Acq: 23 Feb 2018 23:19

Tgt Ion:	107	Resp:	185399
Ion	Ratio	Lower	Upper
107	100		
108	89.1	61.6	101.6
77	30.5	13.9	53.9
79	26.1	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: BG032803.D

Acq: 23 Feb 2018 23:19

Instrument :

BNA_G

ClientSampleId :

PB106794BS

Tot Ion:136 Resp: 248402

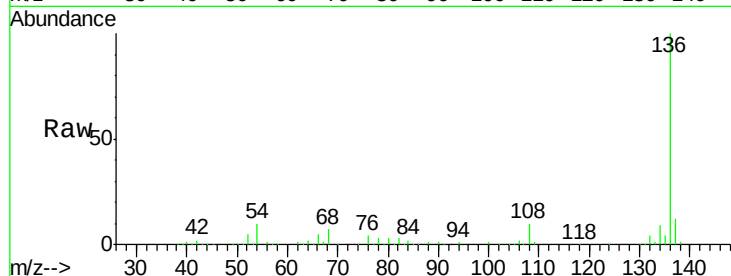
Ion Ratio Lower Upper

136 100

137 11.8 9.2 13.8

54 10.1 10.3 15.5#

68 6.7 4.5 6.7

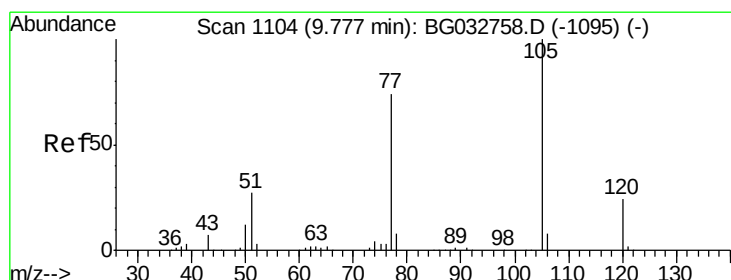
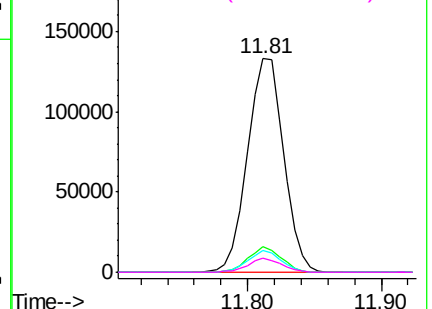
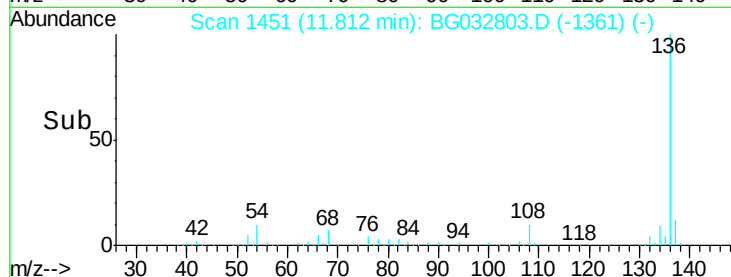


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 34.54 ng

RT: 9.77 min Scan# 1103

Delta R.T. -0.00 min

Lab File: BG032803.D

Acq: 23 Feb 2018 23:19

Tgt Ion:105 Resp: 216657

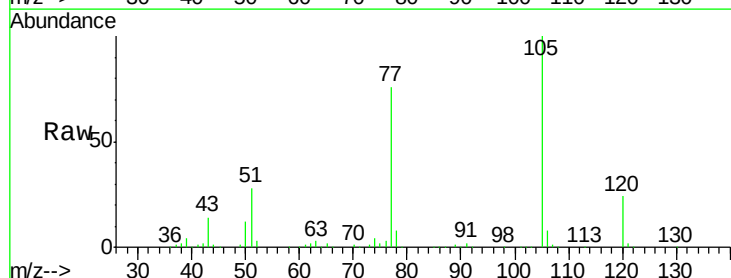
Ion Ratio Lower Upper

105 100

71 0.2 3.0 4.4#

51 27.5 26.1 39.1

120 24.0 17.4 26.2

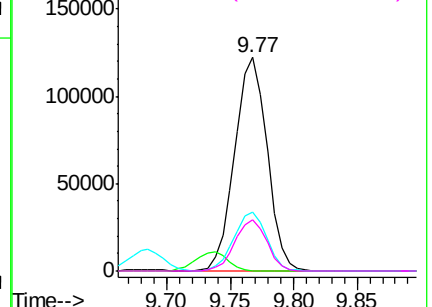
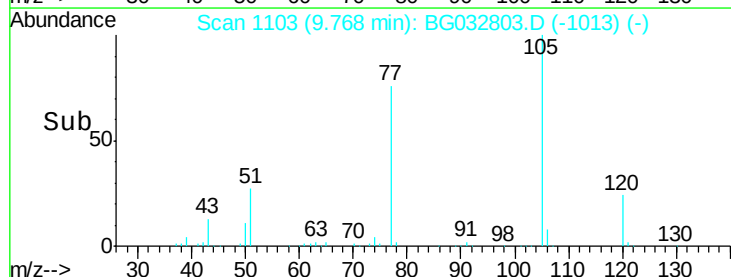


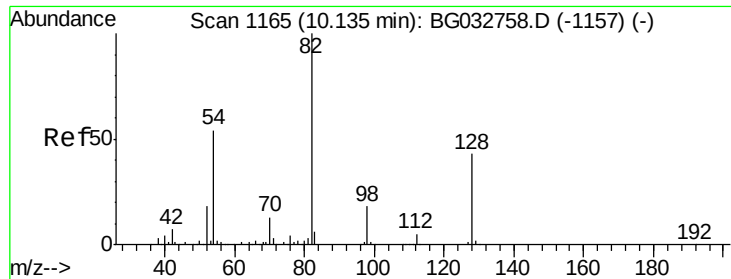
Abundance Ion 105.00 (104.70 to 105.70): E

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

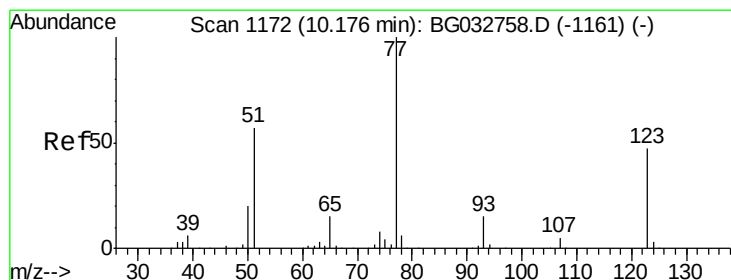
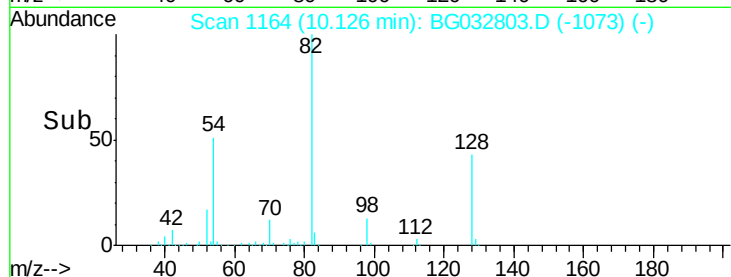
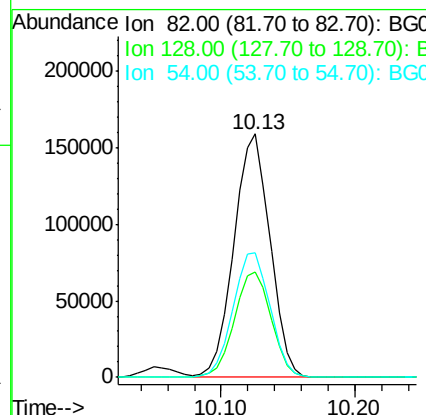
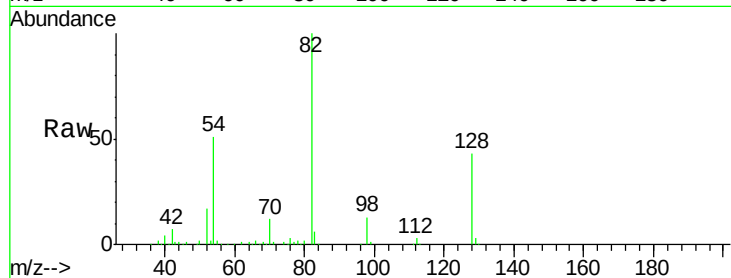




#23
 Nitrobenzene-d5
 Concen: 83.72 ng
 RT: 10.13 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BG032803.D
 Acq: 23 Feb 2018 23:19

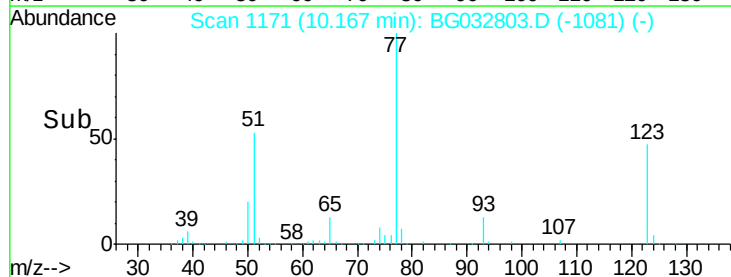
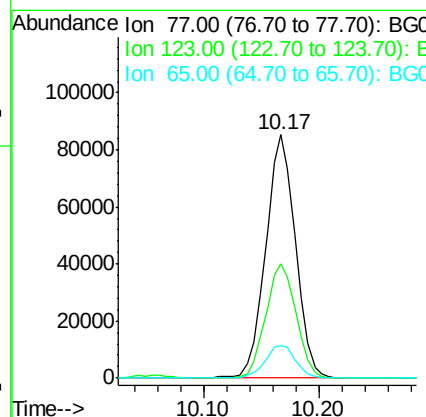
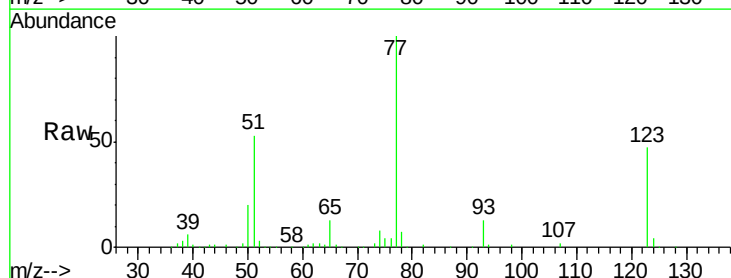
Instrument :
 BNA_G
 ClientSampleId :
 PB106794BS

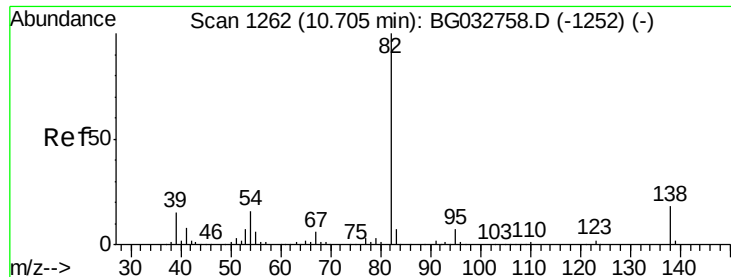
Tot Ion	82	Resp	299071
Ion Ratio	100	Lower	Upper
128	43.4	29.7	44.5
54	51.3	43.1	64.7



#24
 Nitrobenzene
 Concen: 39.81 ng
 RT: 10.17 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BG032803.D
 Acq: 23 Feb 2018 23:19

Tgt Ion	77	Resp	152721
Ion Ratio	100	Lower	Upper
123	47.1	33.0	49.6
65	13.2	13.0	19.6





#25

Isophorone

Concen: 35.75 ng

RT: 10.70 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BG032803.D

Acq: 23 Feb 2018 23:19

Instrument :

BNA_G

ClientSampleId :

PB106794BS

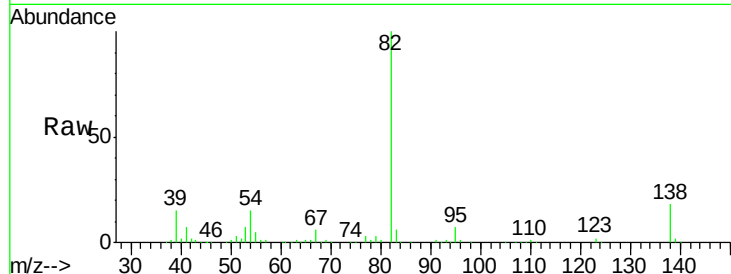
Tot Ion: 82 Resp: 311718

Ion Ratio Lower Upper

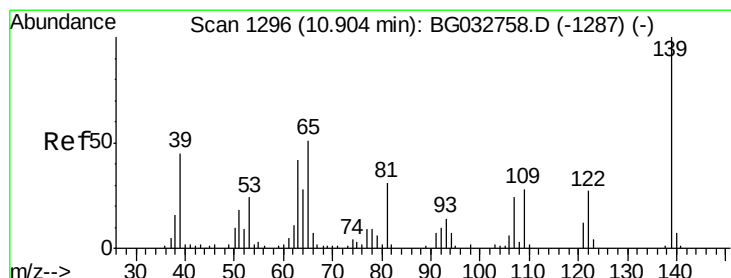
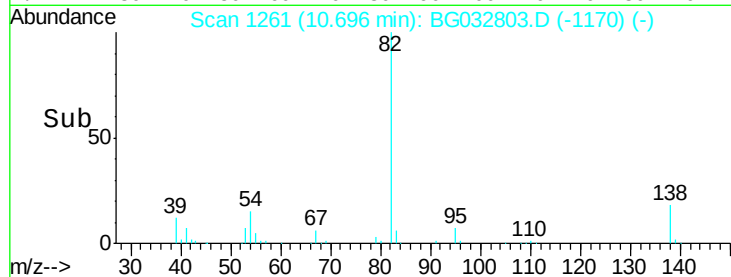
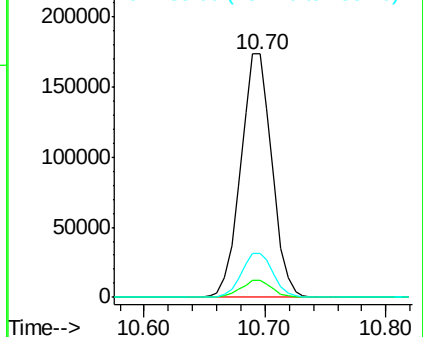
82 100

95 7.3 6.2 9.2

138 18.0 12.1 18.1



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



#26

2-Nitrophenol

Concen: 49.66 ng

RT: 10.90 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BG032803.D

Acq: 23 Feb 2018 23:19

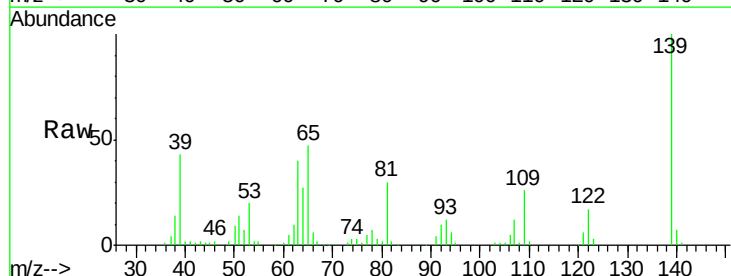
Tgt Ion: 139 Resp: 70230

Ion Ratio Lower Upper

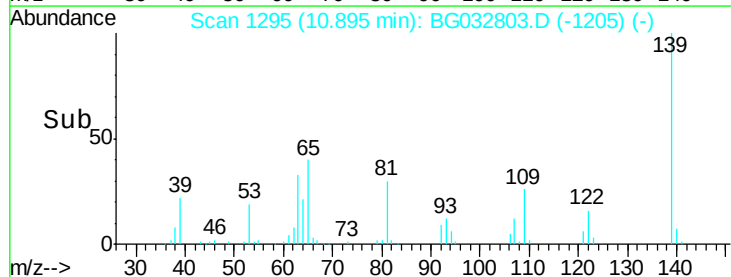
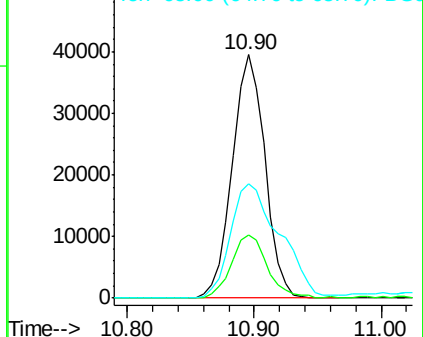
139 100

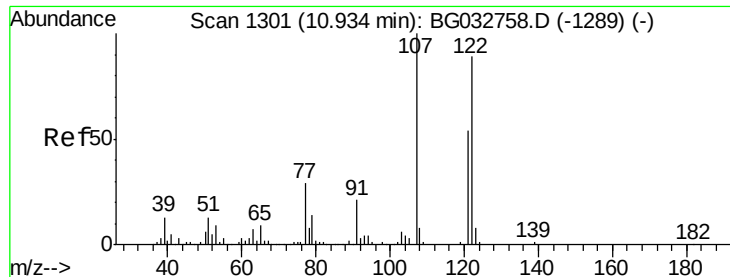
109 25.8 24.2 36.2

65 46.9 47.4 71.0#



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

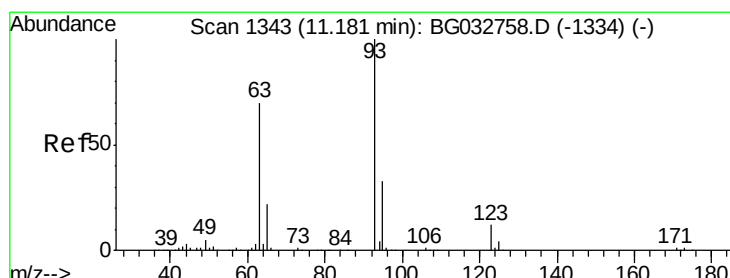
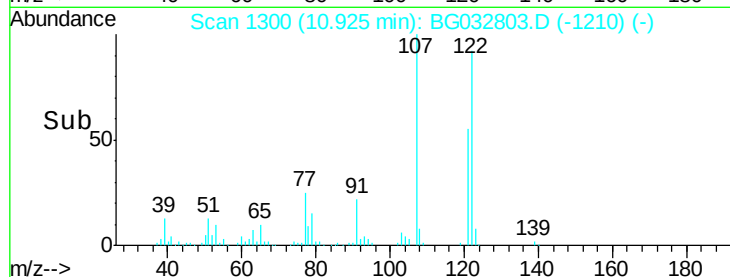
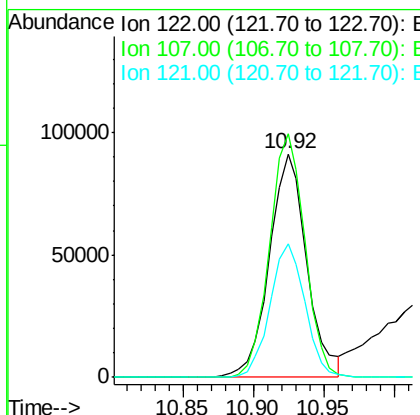
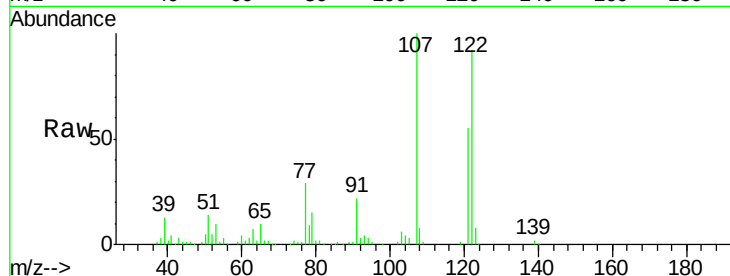




#27
 2,4-Dimethylphenol
 Concen: 44.76 ng
 RT: 10.92 min Scan# 1300
 Delta R.T. -0.00 min
 Lab File: BG032803.D
 Acq: 23 Feb 2018 23:19

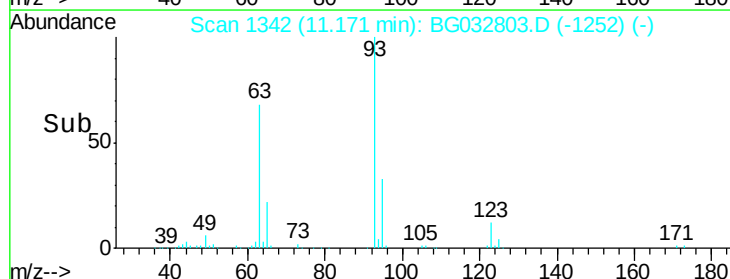
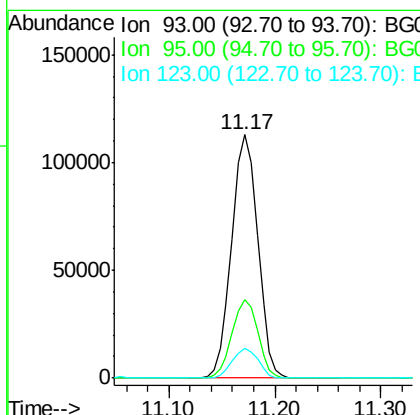
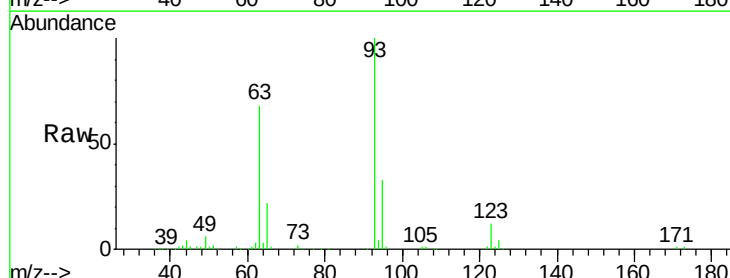
Instrument :
 BNA_G
 ClientSampleId :
 PB106794BS

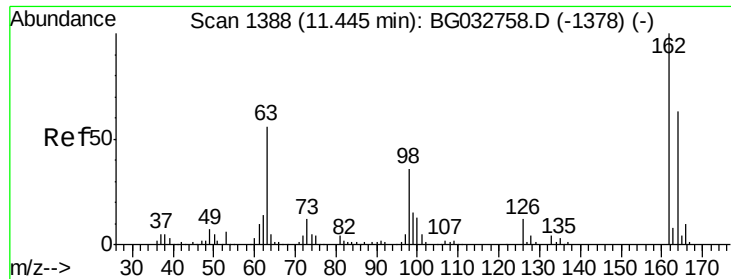
Tot Ion:122 Resp: 169530
 Ion Ratio Lower Upper
 122 100
 107 108.9 100.2 150.2
 121 59.5 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.99 ng
 RT: 11.17 min Scan# 1342
 Delta R.T. -0.00 min
 Lab File: BG032803.D
 Acq: 23 Feb 2018 23:19

Tgt Ion: 93 Resp: 192958
 Ion Ratio Lower Upper
 93 100
 95 32.5 24.3 36.5
 123 12.0 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 40.80 ng

RT: 11.44 min Scan# 1387

Delta R.T. 0.00 min

Lab File: BG032803.D

Acq: 23 Feb 2018 23:19

Instrument :

BNA_G

ClientSampleId :

PB106794BS

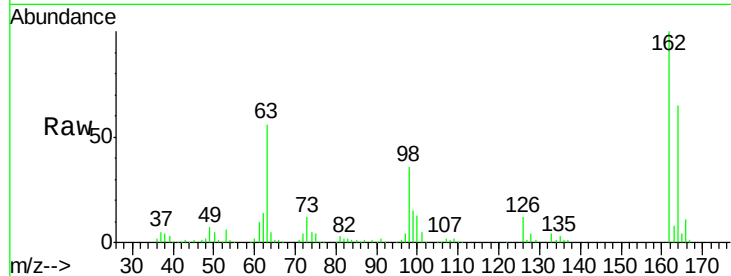
Tot Ion:162 Resp: 140252

Ion Ratio Lower Upper

162 100

164 65.2 48.0 88.0

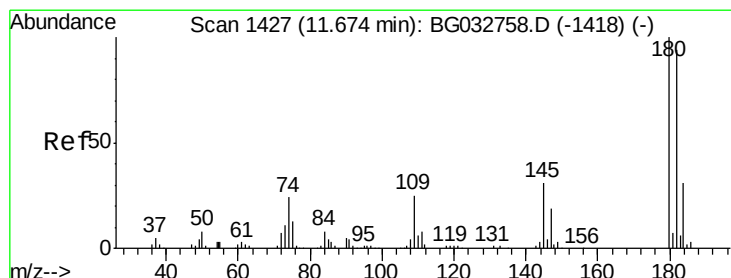
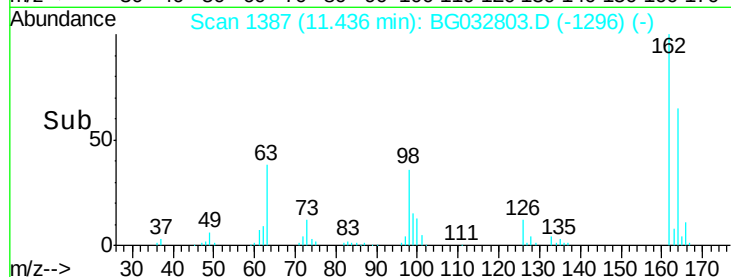
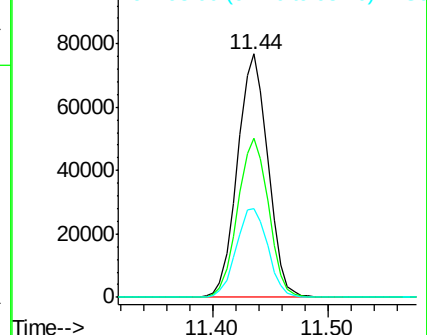
98 36.4 21.1 61.1



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: 34.18 ng

RT: 11.66 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BG032803.D

Acq: 23 Feb 2018 23:19

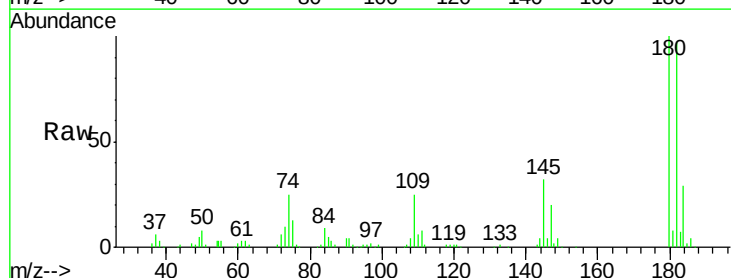
Tgt Ion:180 Resp: 137723

Ion Ratio Lower Upper

180 100

182 97.3 77.5 116.3

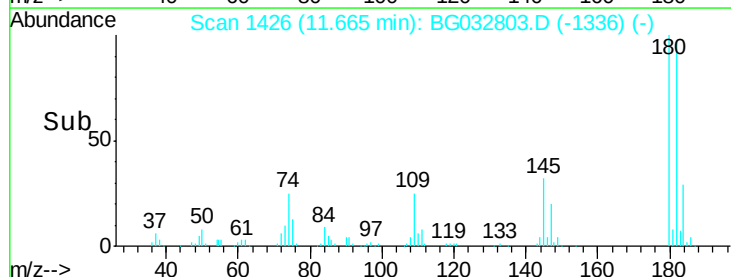
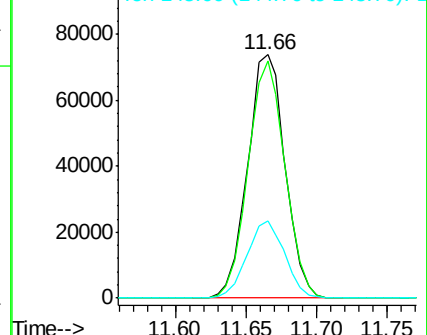
145 31.5 23.4 35.2

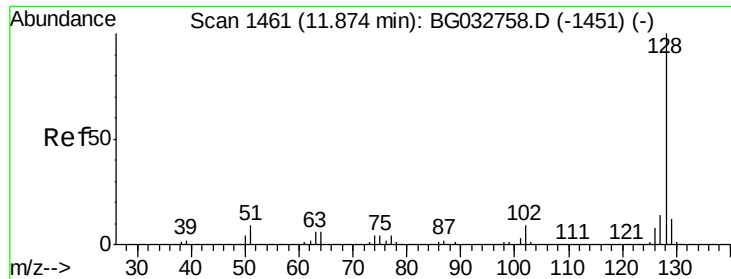


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

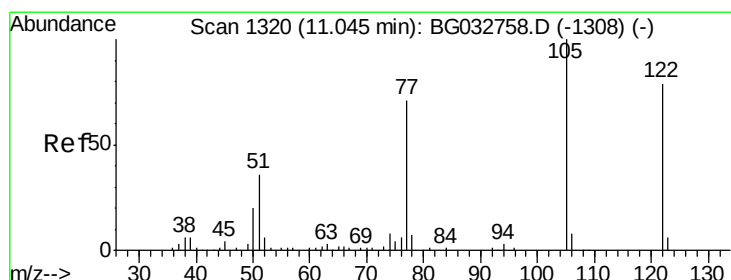
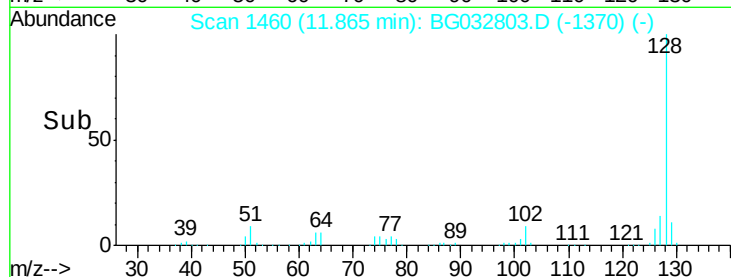
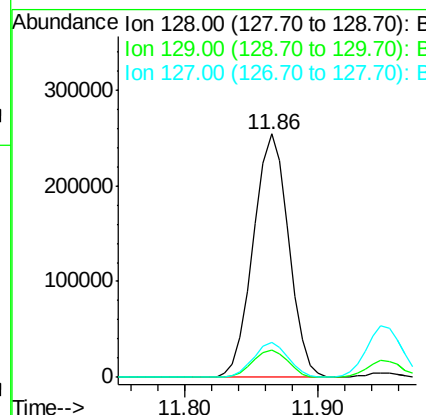
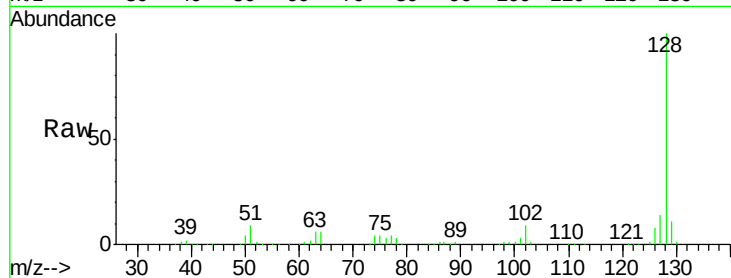




#31
Naphthalene
Concen: 35.73 ng
RT: 11.86 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BG032803.D
Acq: 23 Feb 2018 23:19

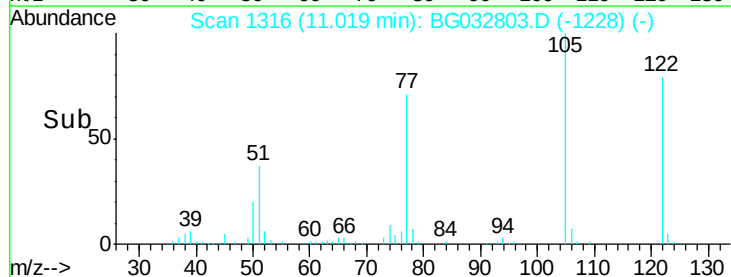
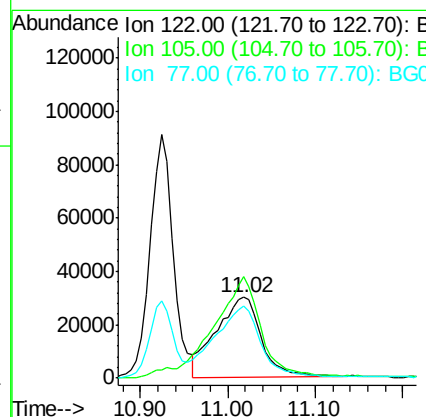
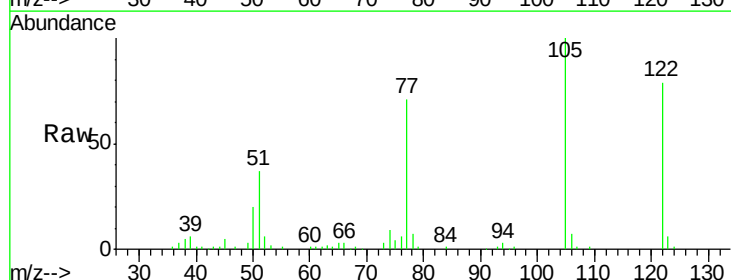
Instrument :
BNA_G
ClientSampleId :
PB106794BS

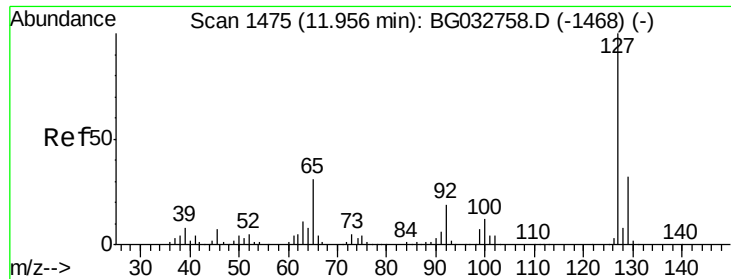
Tot Ion:128 Resp: 463714
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 14.1 11.6 17.4



#32
Benzoic acid
Concen: 45.97 ng
RT: 11.02 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG032803.D
Acq: 23 Feb 2018 23:19

Tgt Ion:122 Resp: 106363
Ion Ratio Lower Upper
122 100
105 126.0 123.5 163.5
77 89.0 85.7 125.7

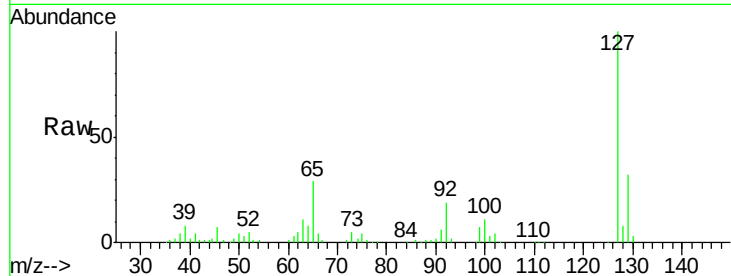




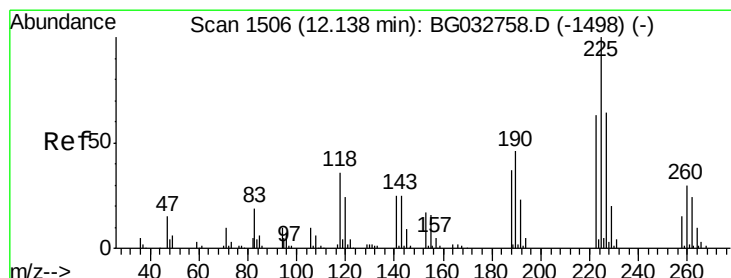
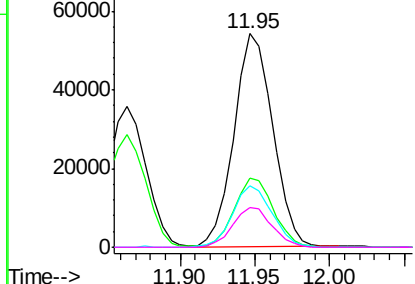
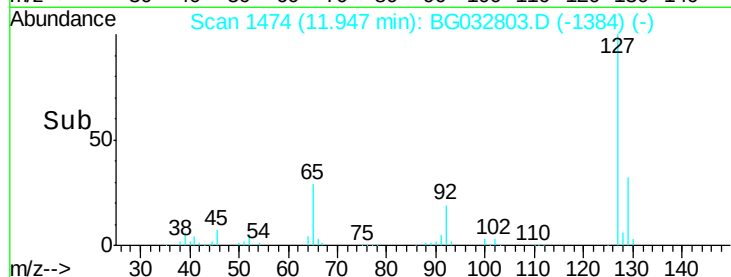
#33
4-Chloroaniline
Concen: 16.86 ng
RT: 11.95 min Scan# 1474
Delta R.T. -0.00 min
Lab File: BG032803.D
Acq: 23 Feb 2018 23:19

Instrument :
BNA_G
ClientSampleId :
PB106794BS

Tot Ion:127	Resp:	97865
Ion	Ratio	Lower Upper
127	100	
129	32.1	24.0 36.0
65	29.0	27.0 40.4
92	18.7	16.6 25.0

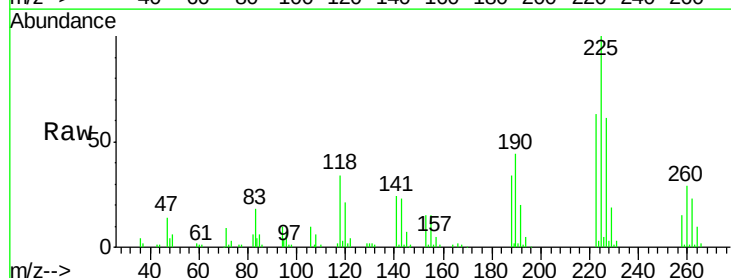


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

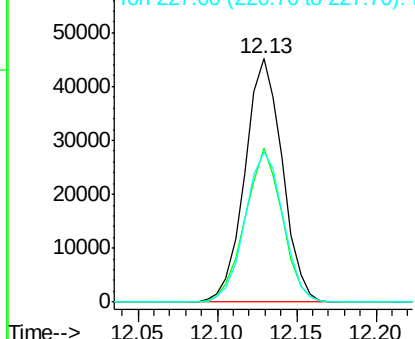
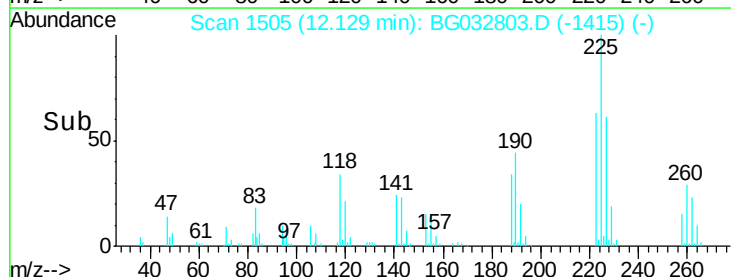


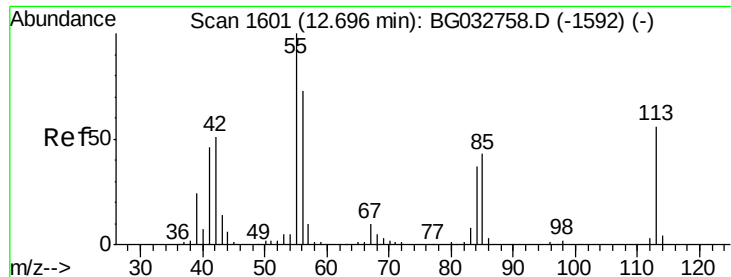
#34
Hexachlorobutadiene
Concen: 32.88 ng
RT: 12.13 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BG032803.D
Acq: 23 Feb 2018 23:19

Tgt Ion:225	Resp:	74310
Ion	Ratio	Lower Upper
225	100	
223	63.4	49.7 74.5
227	61.5	48.1 72.1



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

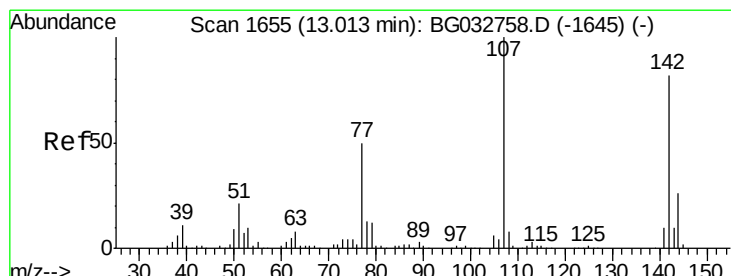
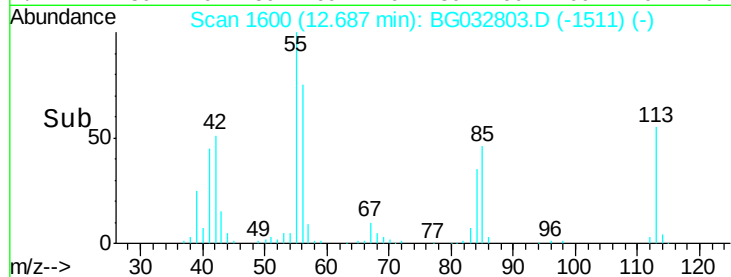
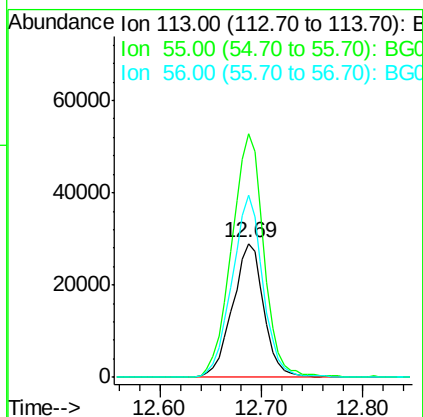
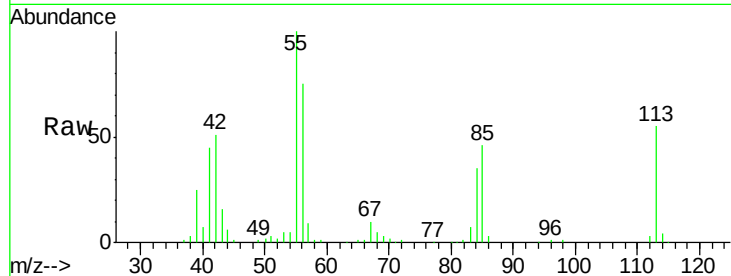




#35
 Caprolactam
 Concen: 44.95 ng
 RT: 12.69 min Scan# 1600
 Delta R.T. -0.01 min
 Lab File: BG032803.D
 Acq: 23 Feb 2018 23:19

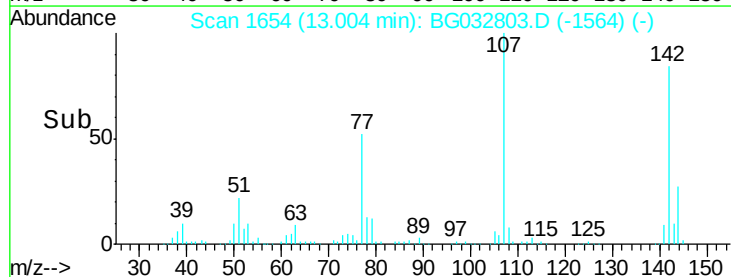
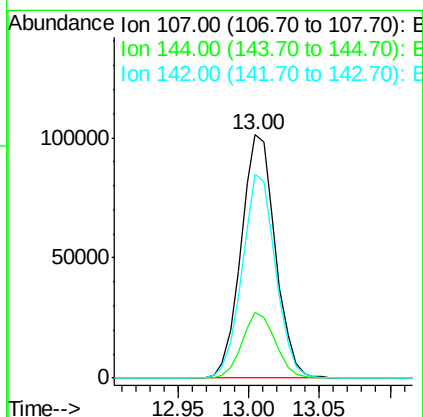
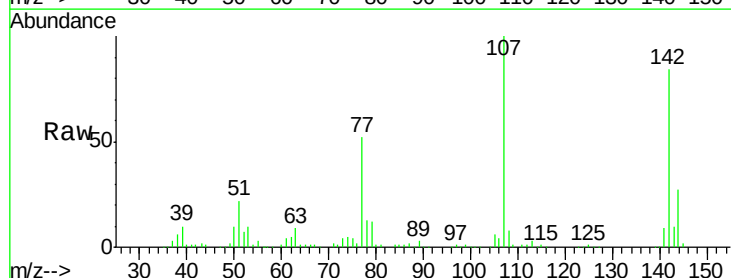
Instrument :
 BNA_G
 ClientSampleId :
 PB106794BS

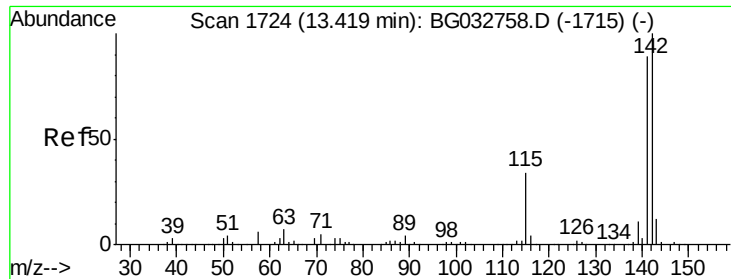
Tot Ion:113 Resp: 61874
 Ion Ratio Lower Upper
 113 100
 55 181.6 186.9 226.9#
 56 136.2 130.9 170.9



#36
 4-Chloro-3-methylphenol
 Concen: 42.88 ng
 RT: 13.00 min Scan# 1654
 Delta R.T. -0.00 min
 Lab File: BG032803.D
 Acq: 23 Feb 2018 23:19

Tgt Ion:107 Resp: 171546
 Ion Ratio Lower Upper
 107 100
 144 27.2 18.2 27.4
 142 84.0 59.0 88.4

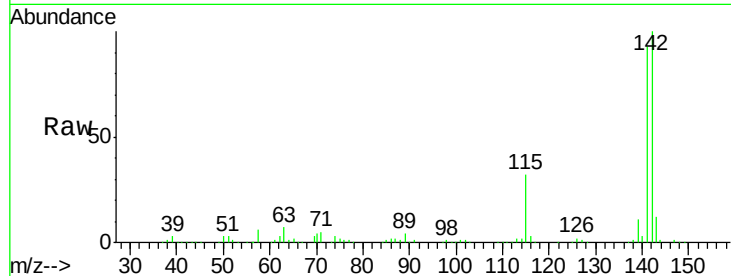




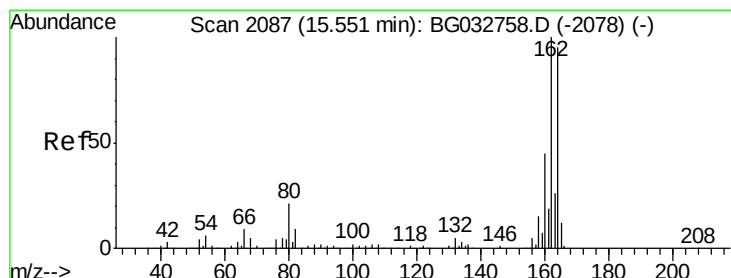
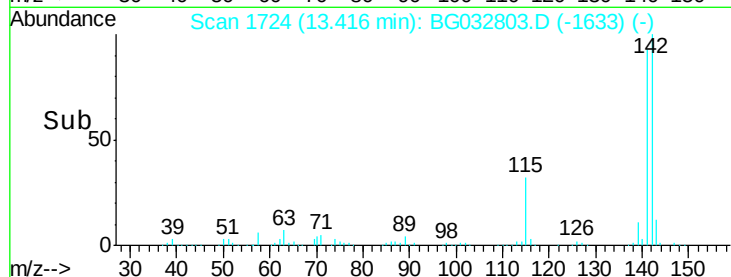
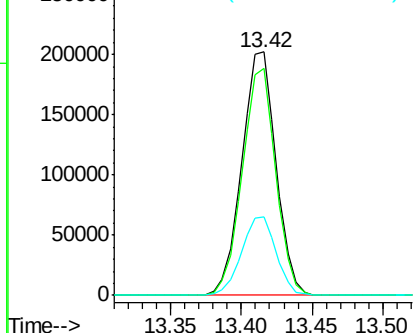
#37
2-Methylnaphthalene
Concen: 36.50 ng
RT: 13.42 min Scan# 1724
Delta R.T. 0.00 min
Lab File: BG032803.D
Acq: 23 Feb 2018 23:19

Instrument :
BNA_G
ClientSampleId :
PB106794BS

Tot Ion:142 Resp: 342768
Ion Ratio Lower Upper
142 100
141 93.0 67.1 100.7
115 32.1 30.7 46.1

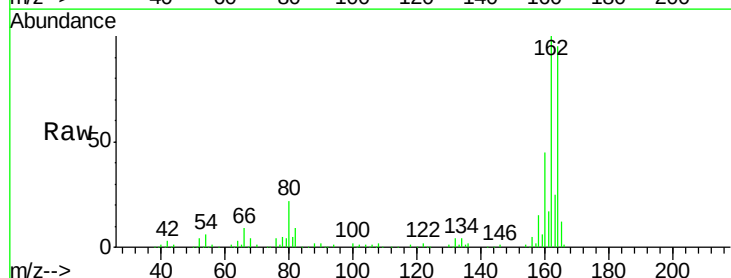


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

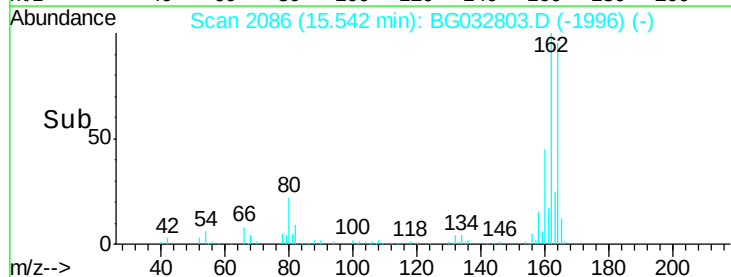
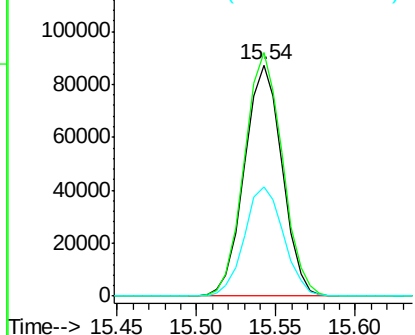


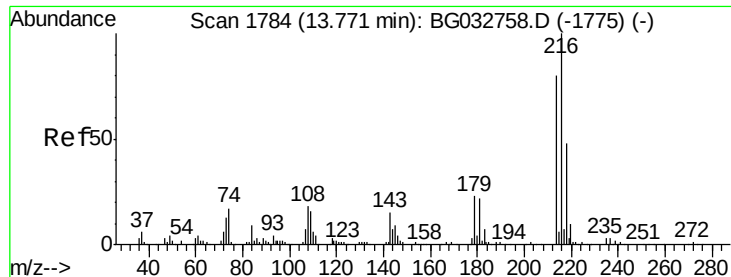
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.54 min Scan# 2086
Delta R.T. -0.00 min
Lab File: BG032803.D
Acq: 23 Feb 2018 23:19

Tgt Ion:164 Resp: 143769
Ion Ratio Lower Upper
164 100
162 105.4 78.8 118.2
160 47.2 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.83 ng

RT: 13.76 min Scan# 1783

Delta R.T. -0.00 min

Lab File: BG032803.D

Acq: 23 Feb 2018 23:19

Instrument :

BNA_G

ClientSampleId :

PB106794BS

Tot Ion:216 Resp: 140092

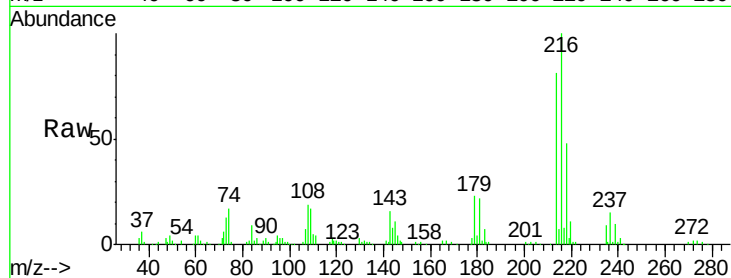
Ion Ratio Lower Upper

216 100

214 79.6 63.0 94.4

179 23.2 17.0 25.6

108 23.4 12.8 19.2#

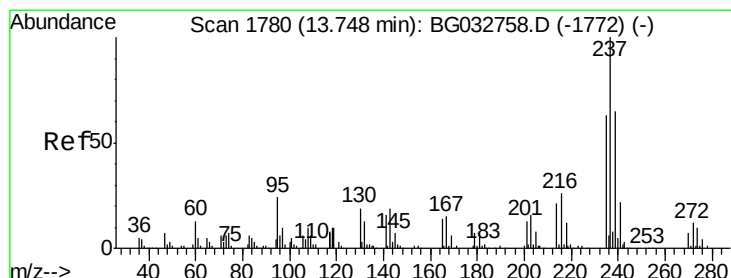
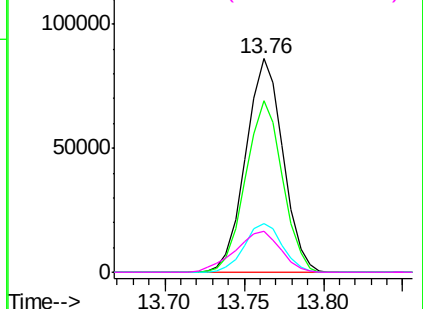
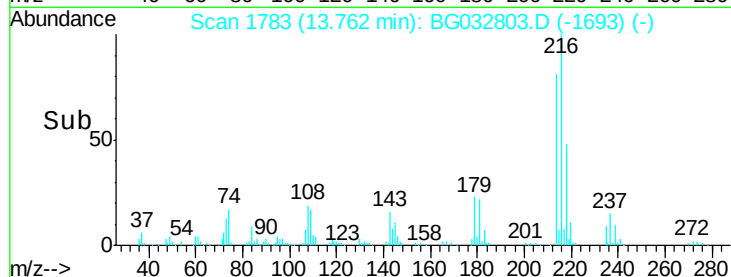


Abundance Ion 216.00 (215.70 to 216.70): E

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: 79.82 ng

RT: 13.74 min Scan# 1779

Delta R.T. -0.00 min

Lab File: BG032803.D

Acq: 23 Feb 2018 23:19

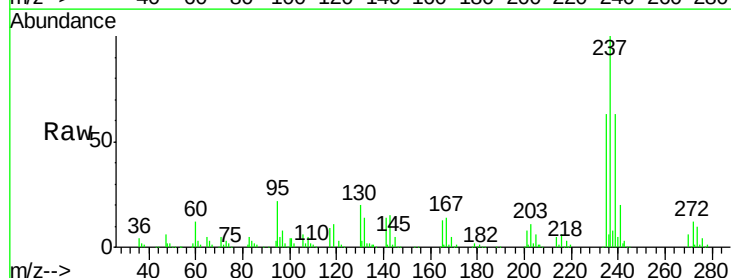
Tgt Ion:237 Resp: 173601

Ion Ratio Lower Upper

237 100

235 62.9 50.4 90.4

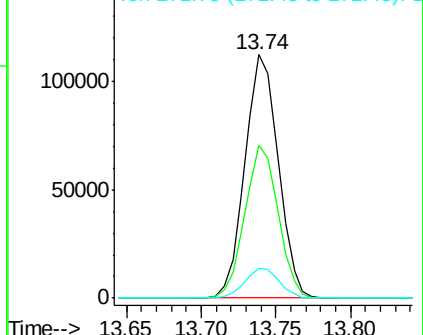
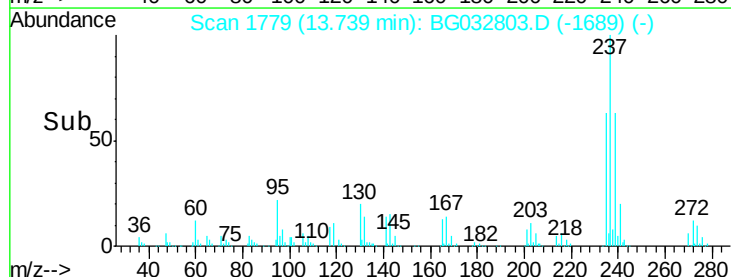
272 12.1 0.0 31.8

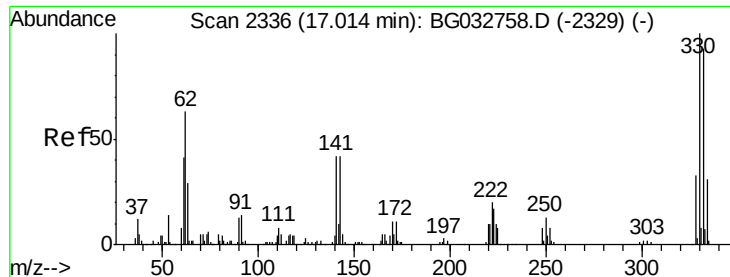


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 133.07 ng

RT: 17.01 min Scan# 2336

Delta R.T. -0.00 min

Lab File: BG032803.D

Acq: 23 Feb 2018 23:19

Instrument :

BNA_G

ClientSampleId :

PB106794BS

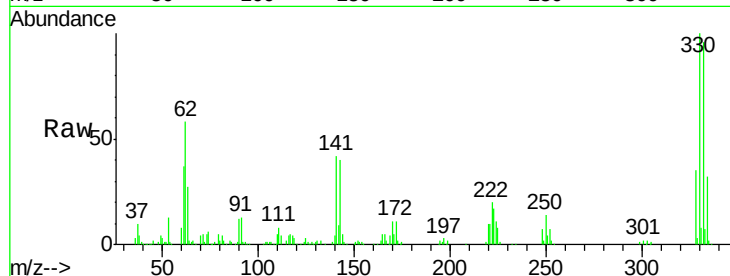
Tot Ion:330 Resp: 201164

Ion Ratio Lower Upper

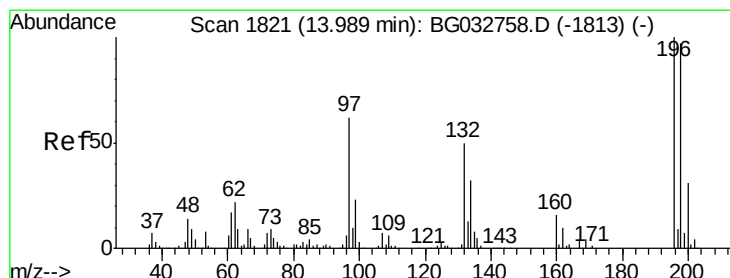
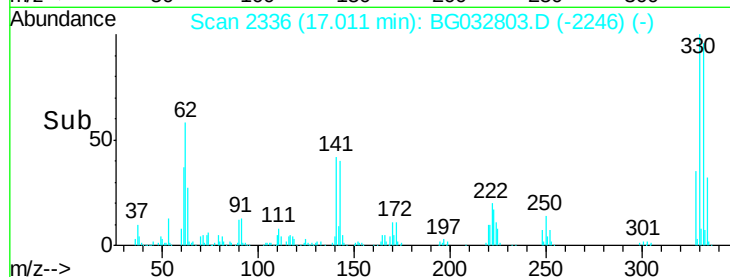
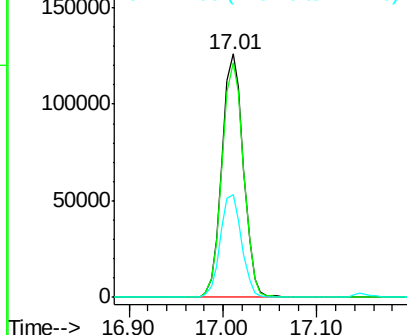
330 100

332 96.8 77.0 115.6

141 42.1 25.2 37.8#



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



#42

2,4,6-Trichlorophenol

Concen: 40.28 ng

RT: 13.99 min Scan# 1821

Delta R.T. -0.00 min

Lab File: BG032803.D

Acq: 23 Feb 2018 23:19

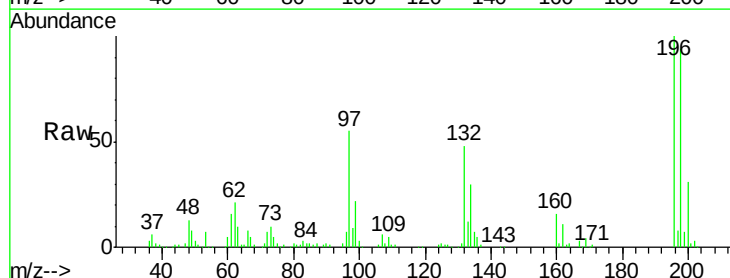
Tgt Ion:196 Resp: 108404

Ion Ratio Lower Upper

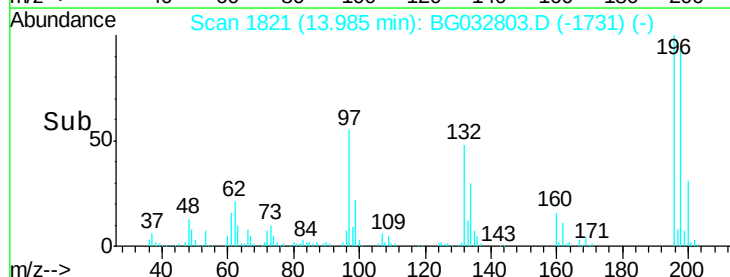
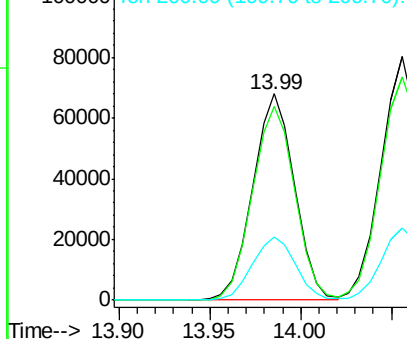
196 100

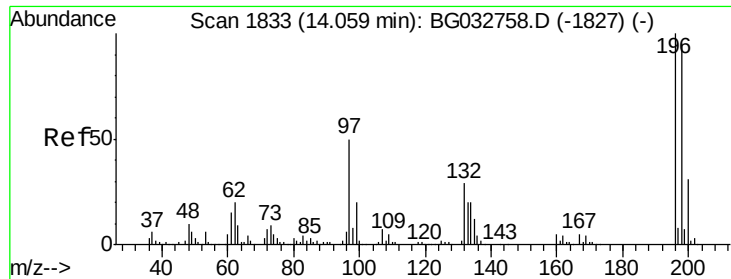
198 94.1 78.2 117.2

200 30.6 24.6 36.8



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

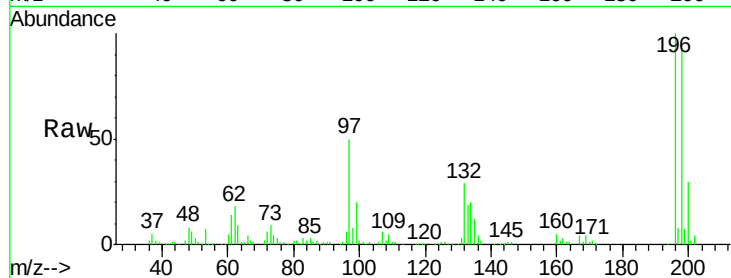




#43
 2,4,5-Trichlorophenol
 Concen: 40.23 ng
 RT: 14.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: BG032803.D
 Acq: 23 Feb 2018 23:19

Instrument :
 BNA_G
 ClientSampleId :
 PB106794BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	91.7	76.2	114.4
97	49.7	38.7	58.1
132	28.9	20.2	30.2



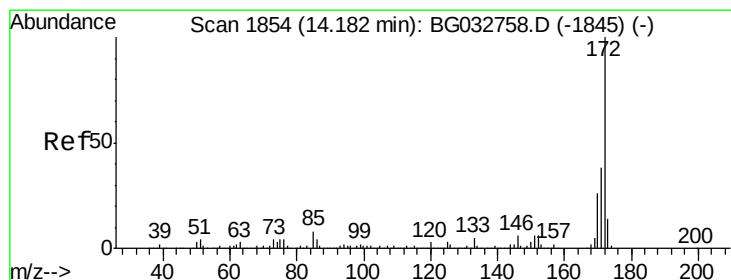
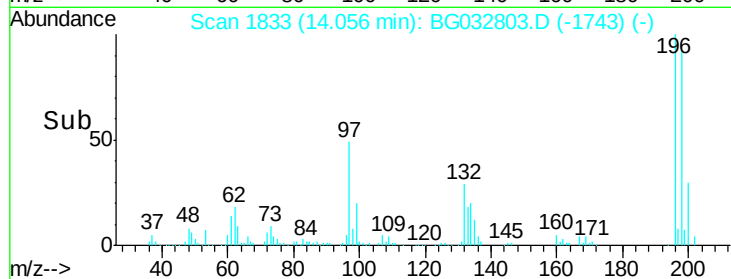
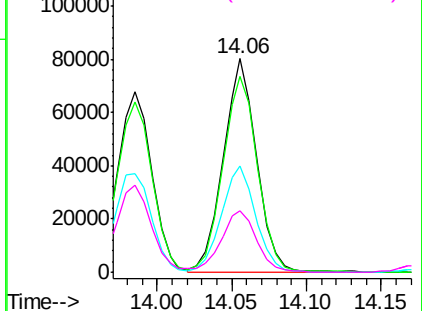
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

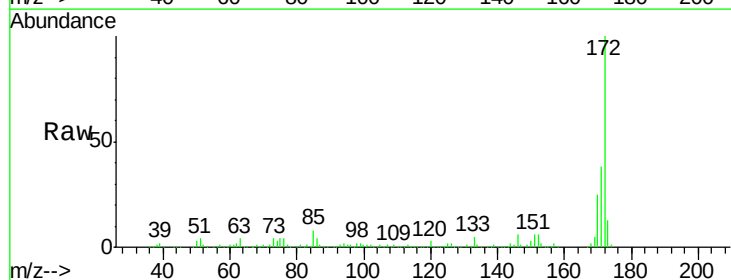
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 72.15 ng
 RT: 14.17 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: BG032803.D
 Acq: 23 Feb 2018 23:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	25.2	19.5	29.3

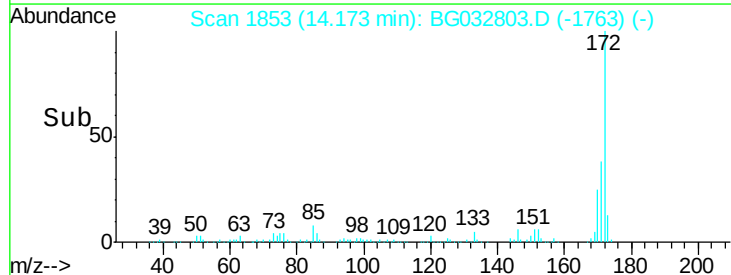
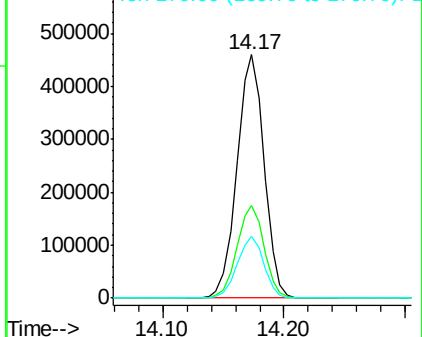


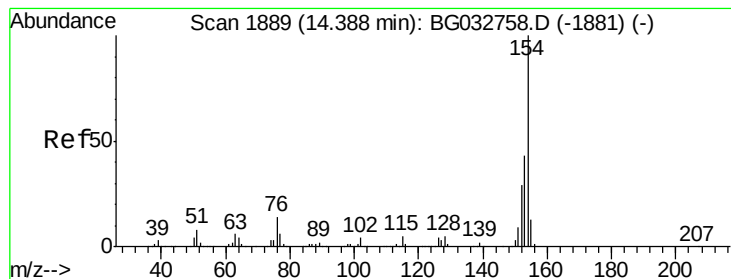
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 34.26 ng

RT: 14.38 min Scan# 1889

Delta R.T. 0.00 min

Lab File: BG032803.D

Acq: 23 Feb 2018 23:19

Instrument :

BNA_G

ClientSampleId :

PB106794BS

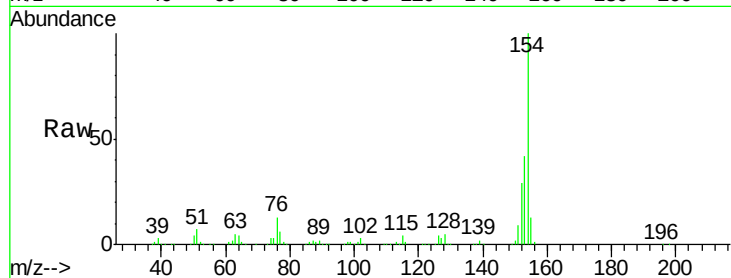
Tot Ion:154 Resp: 430416

Ion Ratio Lower Upper

154 100

153 42.2 19.8 59.8

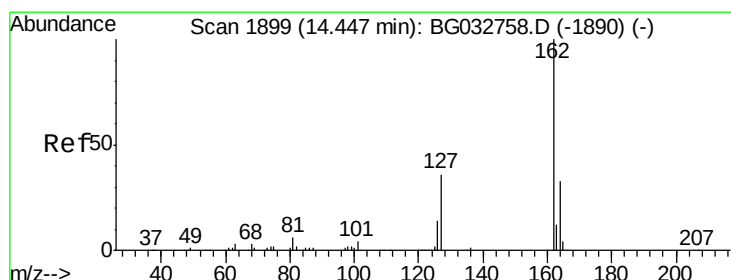
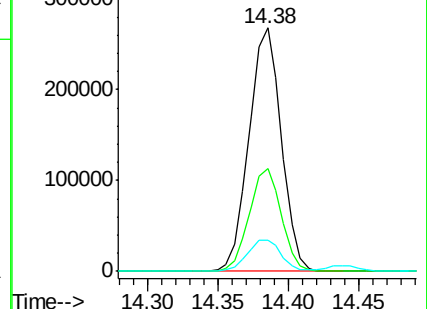
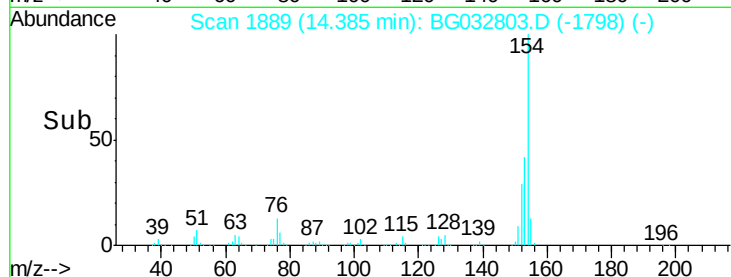
76 12.6 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 34.91 ng

RT: 14.44 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BG032803.D

Acq: 23 Feb 2018 23:19

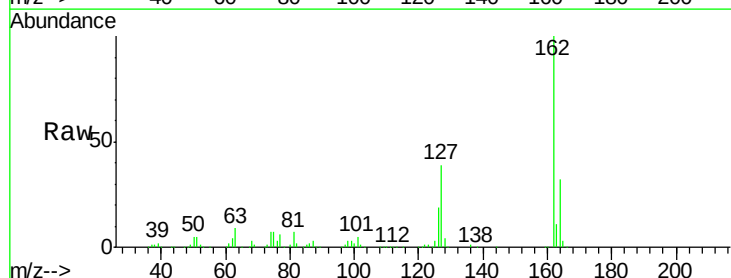
Tgt Ion:162 Resp: 327589

Ion Ratio Lower Upper

162 100

127 39.3 30.7 46.1

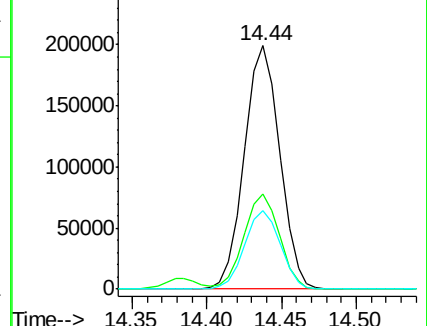
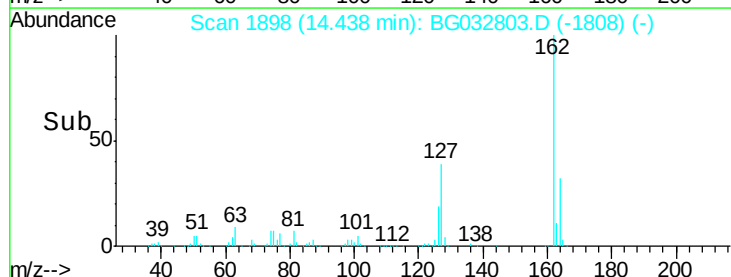
164 32.5 26.0 39.0

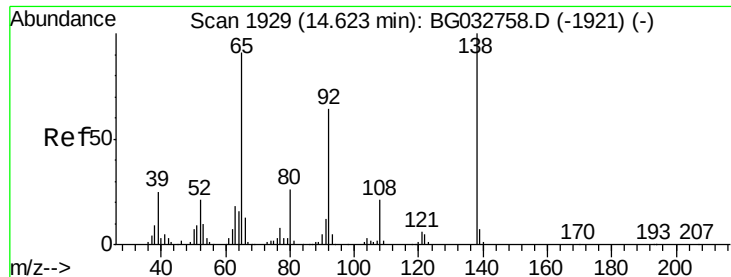


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

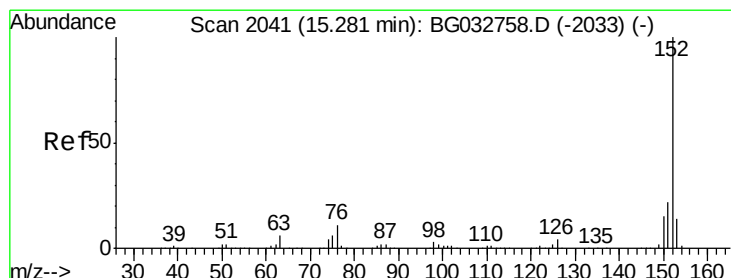
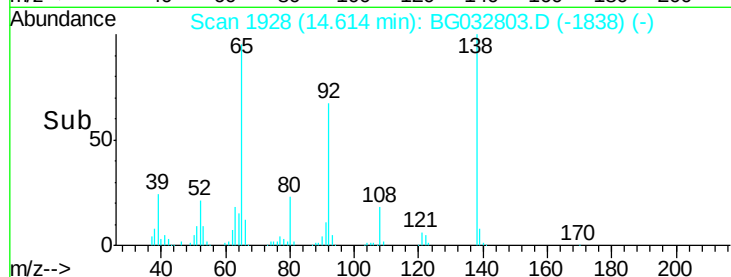
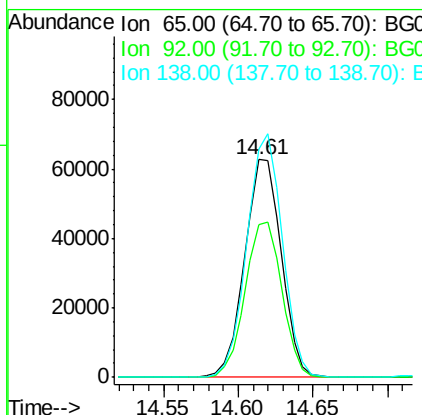
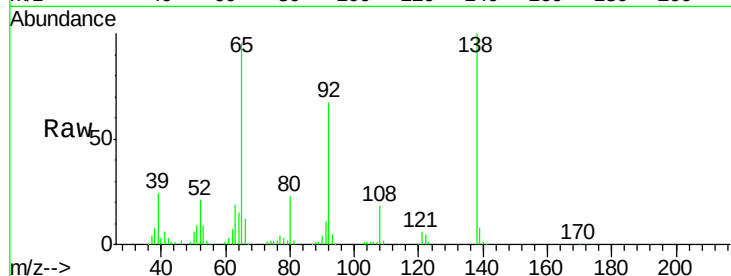




#47
2-Nitroaniline
Concen: 45.48 ng
RT: 14.61 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BG032803.D
Acq: 23 Feb 2018 23:19

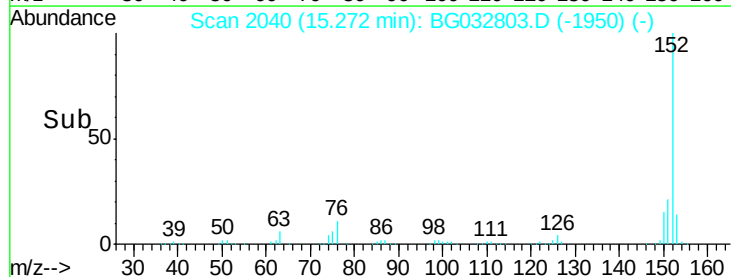
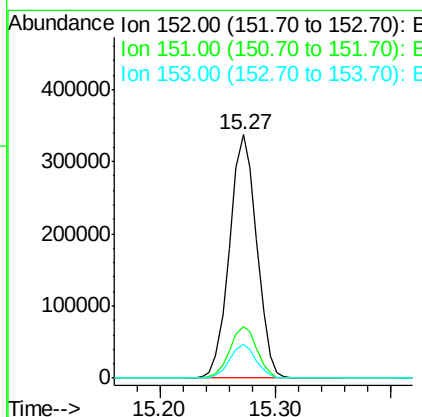
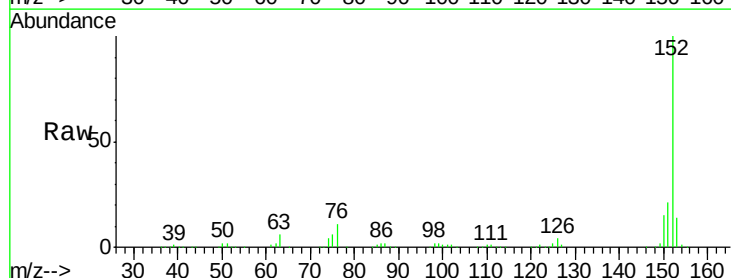
Instrument :
BNA_G
ClientSampleId :
PB106794BS

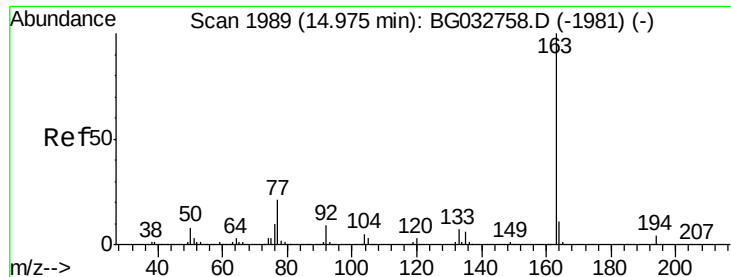
Tot Ion: 65 Resp: 106103
Ion Ratio Lower Upper
65 100
92 70.3 54.6 82.0
138 104.9 72.9 109.3



#48
Acenaphthylene
Concen: 35.58 ng
RT: 15.27 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG032803.D
Acq: 23 Feb 2018 23:19

Tgt Ion: 152 Resp: 546646
Ion Ratio Lower Upper
152 100
151 21.4 17.2 25.8
153 13.9 10.2 15.4





#49

Dimethylphthalate

Concen: 35.98 ng

RT: 14.97 min Scan# 1989

Delta R.T. -0.00 min

Lab File: BG032803.D

Acq: 23 Feb 2018 23:19

Instrument :

BNA_G

ClientSampleId :

PB106794BS

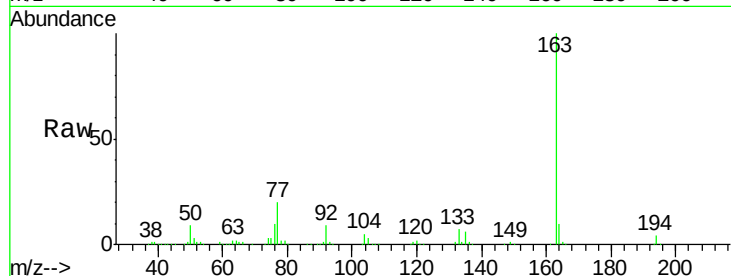
Tot Ion:163 Resp: 439164

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

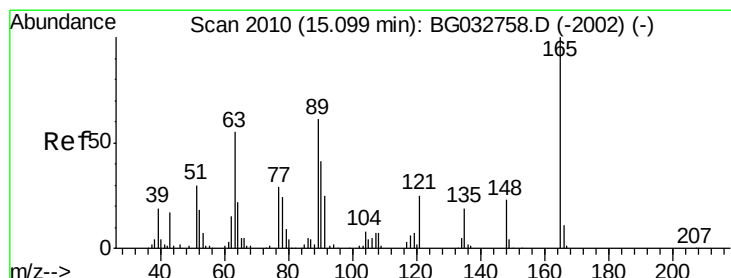
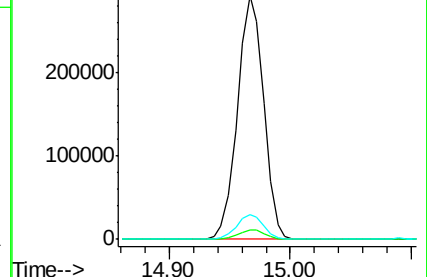
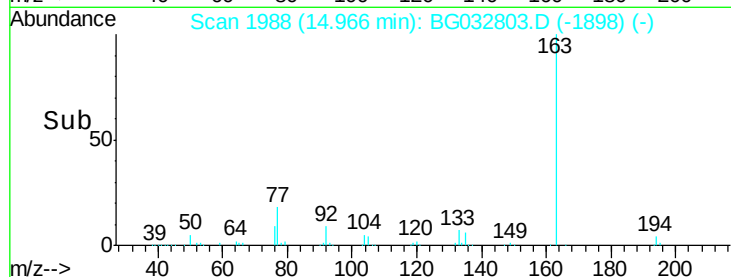
164 10.0 8.2 12.4



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: 46.25 ng

RT: 15.10 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BG032803.D

Acq: 23 Feb 2018 23:19

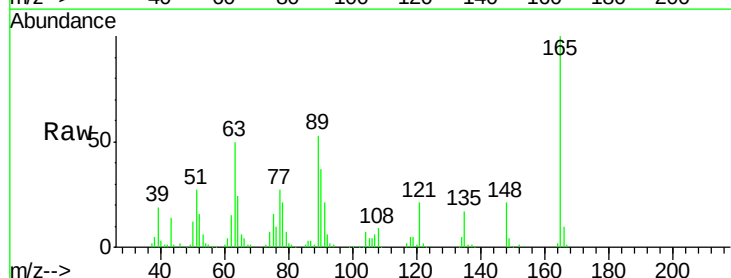
Tgt Ion:165 Resp: 92636

Ion Ratio Lower Upper

165 100

63 50.0 52.7 79.1#

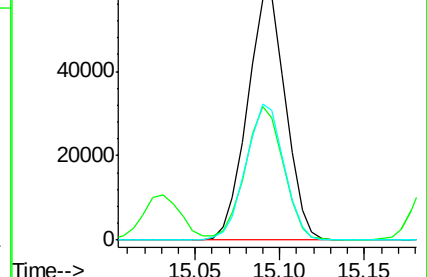
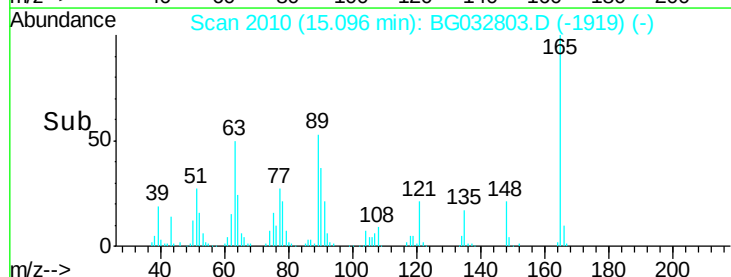
89 53.1 49.2 73.8

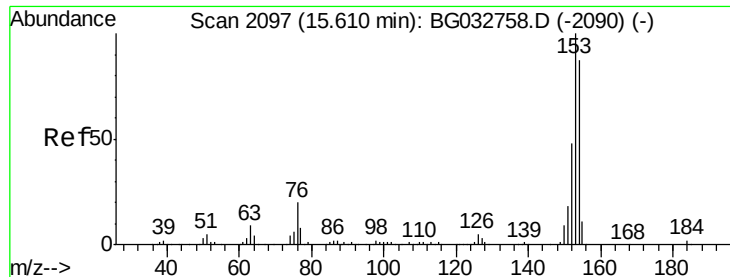


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 38.61 ng

RT: 15.61 min Scan# 2097

Delta R.T. 0.00 min

Lab File: BG032803.D

Acq: 23 Feb 2018 23:19

Instrument :

BNA_G

ClientSampleId :

PB106794BS

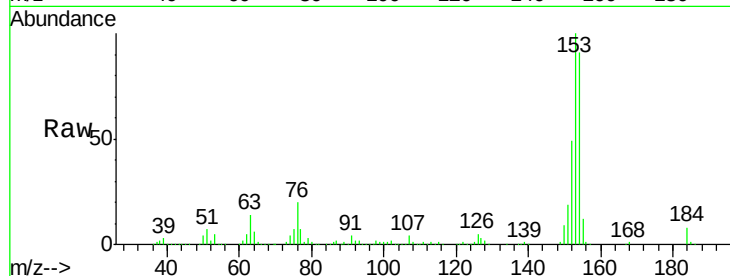
Tot Ion:154 Resp: 369465

Ion Ratio Lower Upper

154 100

153 109.8 90.4 135.6

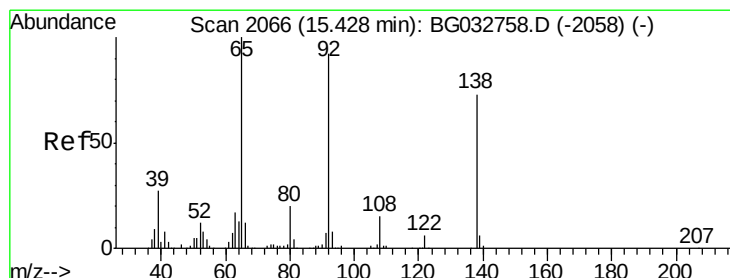
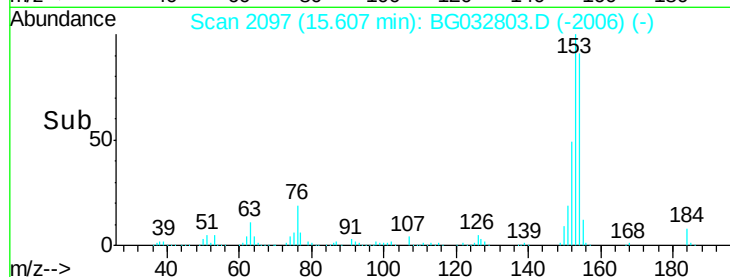
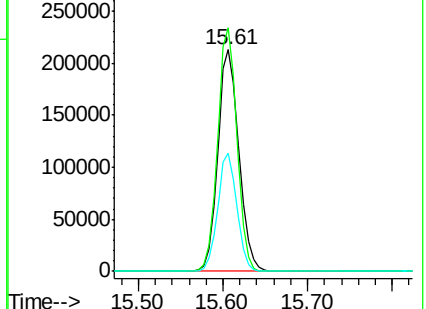
152 53.5 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 31.16 ng

RT: 15.42 min Scan# 2066

Delta R.T. 0.00 min

Lab File: BG032803.D

Acq: 23 Feb 2018 23:19

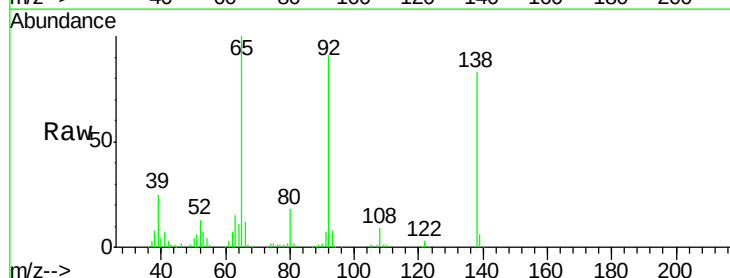
Tgt Ion:138 Resp: 70041

Ion Ratio Lower Upper

138 100

108 11.0 17.5 26.3#

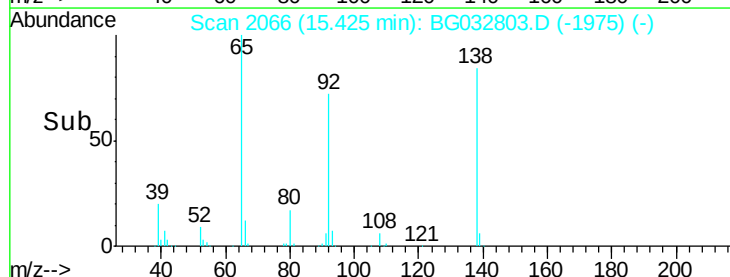
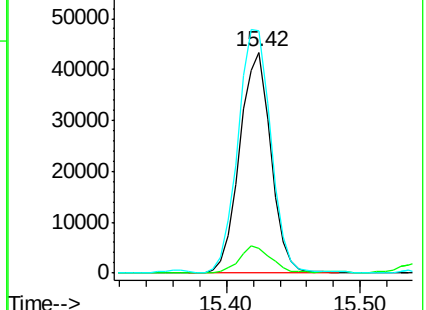
92 109.6 105.8 158.8

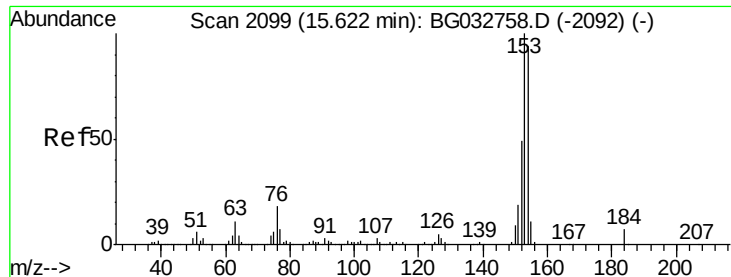


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

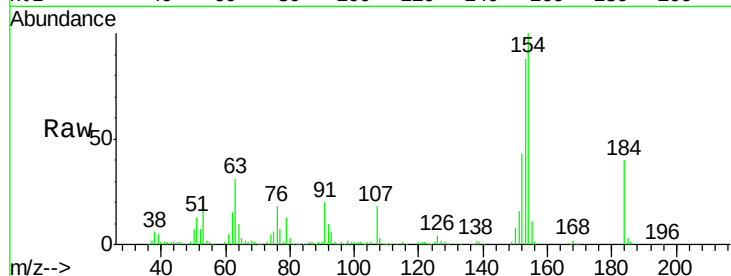




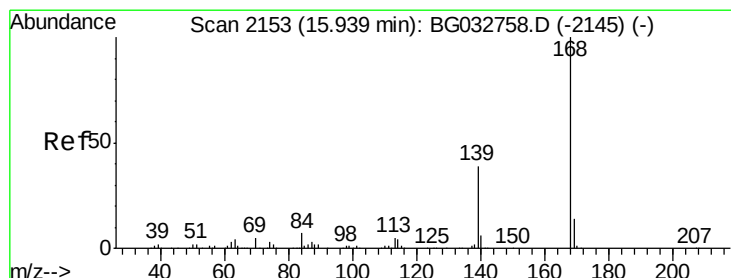
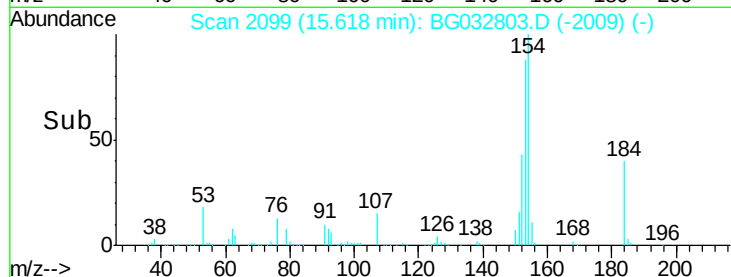
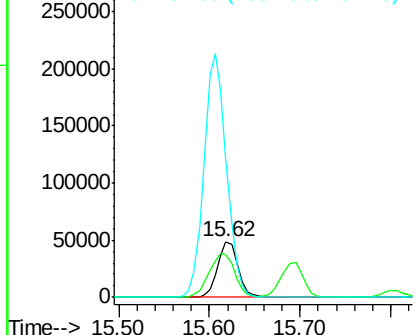
#53
2,4-Dinitrophenol
Concen: 106.15 ng
RT: 15.62 min Scan# 2099
Delta R.T. -0.00 min
Lab File: BG032803.D
Acq: 23 Feb 2018 23:19

Instrument :
BNA_G
ClientSampleId :
PB106794BS

Tot Ion:184 Resp: 76213
Ion Ratio Lower Upper
184 100
63 76.7 59.8 89.8
154 249.1 101.8 152.8#

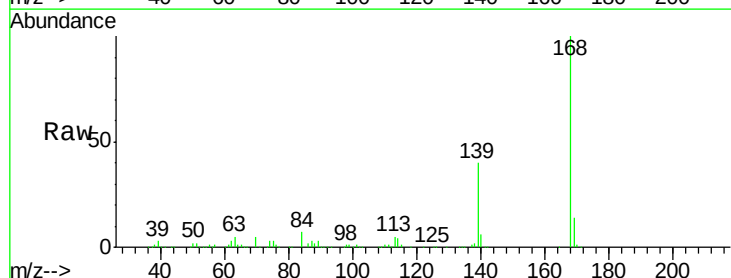


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

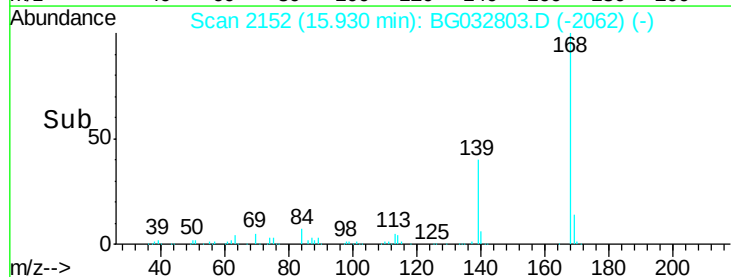
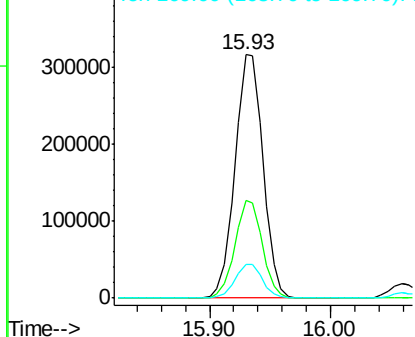


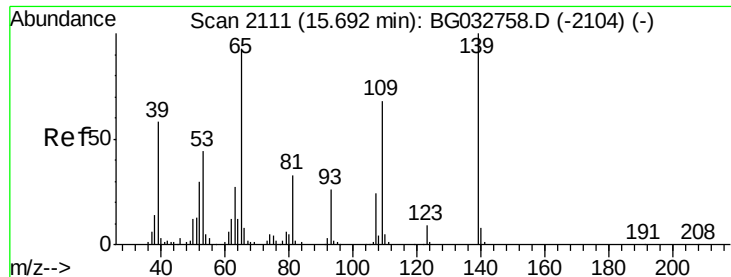
#54
Dibenzofuran
Concen: 37.57 ng
RT: 15.93 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BG032803.D
Acq: 23 Feb 2018 23:19

Tgt Ion:168 Resp: 511949
Ion Ratio Lower Upper
168 100
139 40.0 28.6 43.0
169 13.9 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

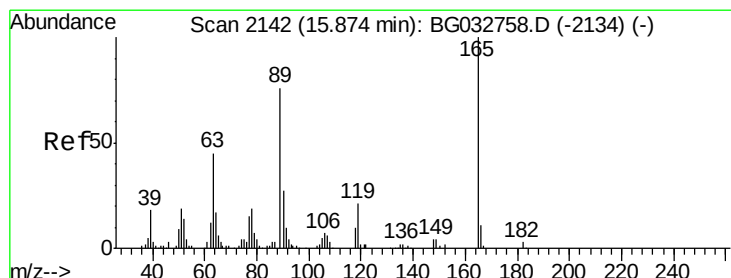
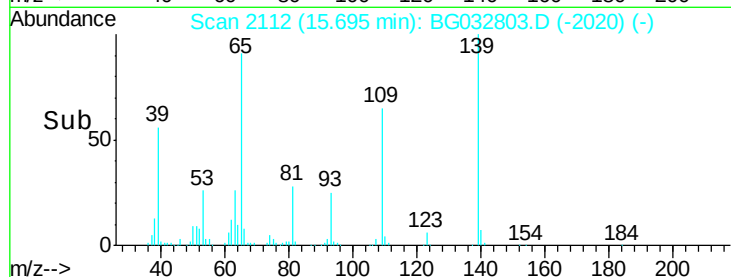
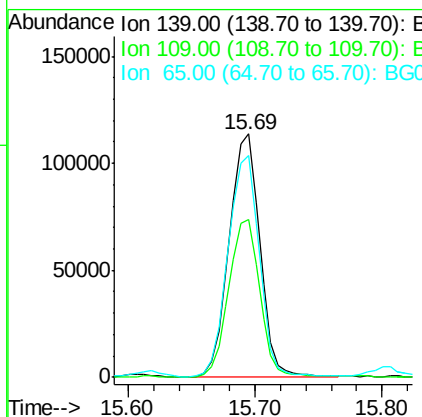
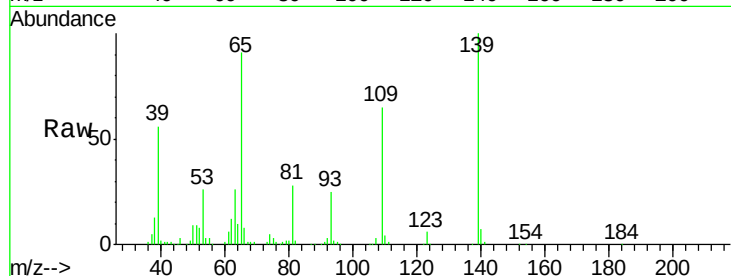




#55
4-Nitrophenol
Concen: 94.50 ng
RT: 15.69 min Scan# 2112
Delta R.T. 0.01 min
Lab File: BG032803.D
Acq: 23 Feb 2018 23:19

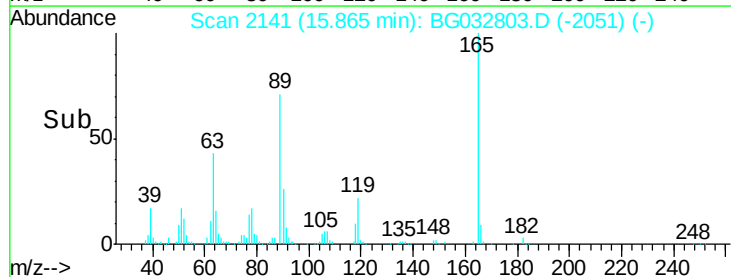
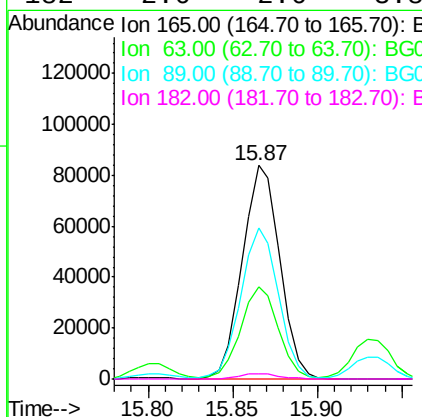
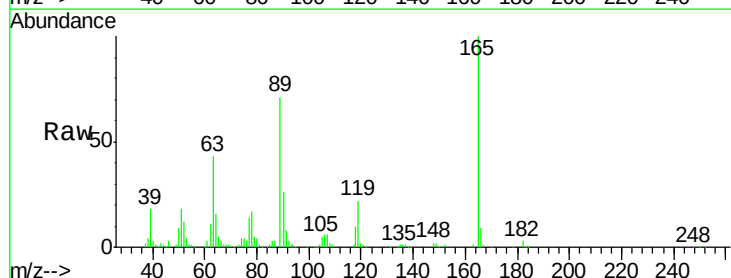
Instrument :
BNA_G
ClientSampleId :
PB106794BS

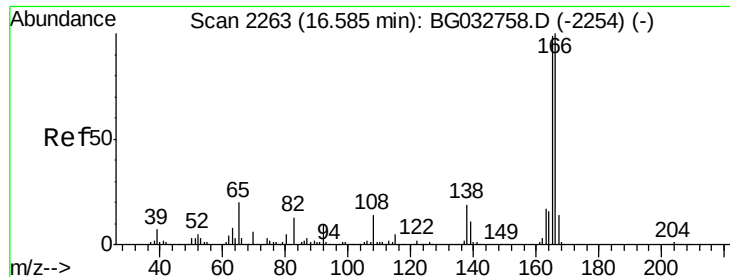
Tot Ion:139 Resp: 191719
Ion Ratio Lower Upper
139 100
109 64.8 62.2 102.2
65 91.3 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 53.34 ng
RT: 15.87 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BG032803.D
Acq: 23 Feb 2018 23:19

Tgt Ion:165 Resp: 129497
Ion Ratio Lower Upper
165 100
63 43.3 42.0 63.0
89 70.7 66.9 100.3
182 2.6 2.6 3.8#





#57

Fluorene

Concen: 37.53 ng

RT: 16.58 min Scan# 2262

Delta R.T. -0.00 min

Lab File: BG032803.D

Acq: 23 Feb 2018 23:19

Instrument :

BNA_G

ClientSampleId :

PB106794BS

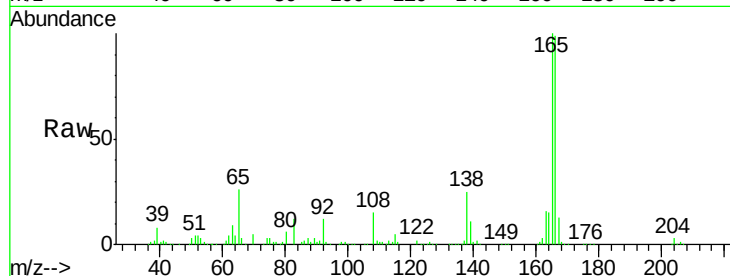
Tot Ion:166 Resp: 422020

Ion Ratio Lower Upper

166 100

165 100.8 80.6 121.0

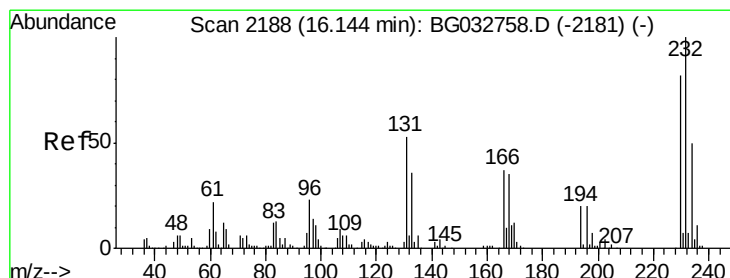
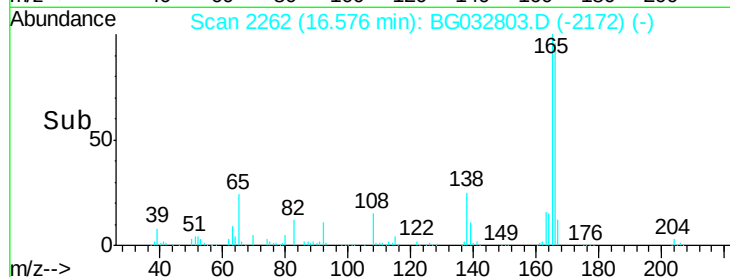
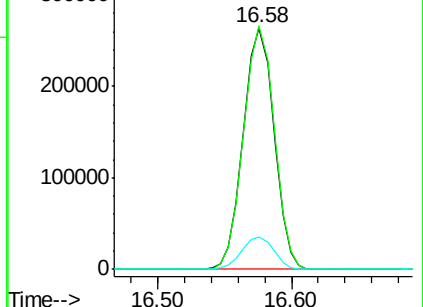
167 13.5 10.4 15.6



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: 45.53 ng m

RT: 16.14 min Scan# 2188

Delta R.T. -0.00 min

Lab File: BG032803.D

Acq: 23 Feb 2018 23:19

Tgt Ion:232 Resp: 110116

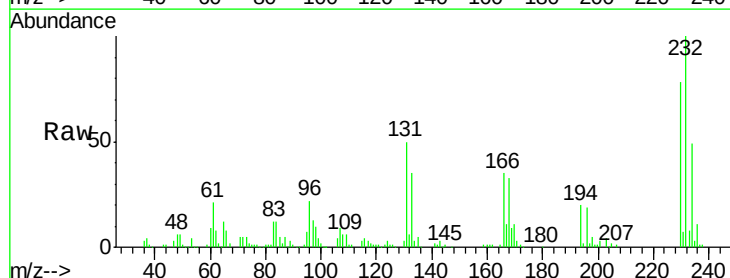
Ion Ratio Lower Upper

232 100

131 44.2 33.5 50.3

130 2.8 2.2 3.2

166 27.0 24.8 37.2

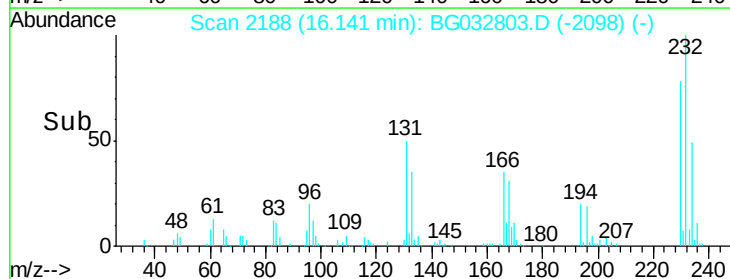
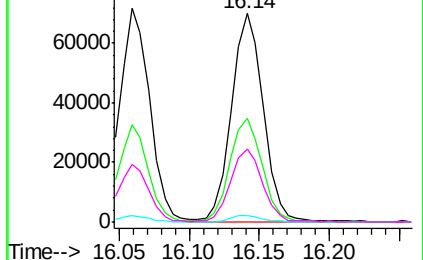


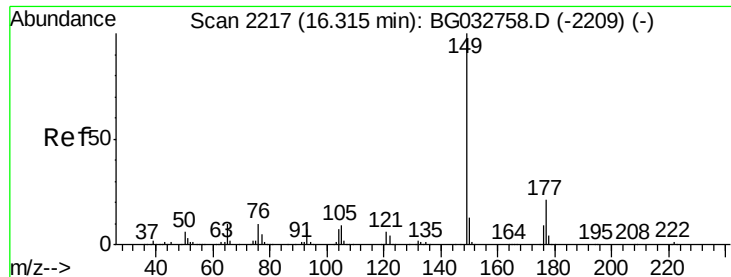
Abundance Ion 232.00 (231.70 to 232.70): E

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

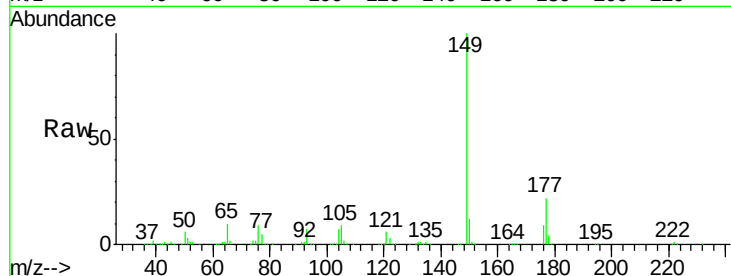




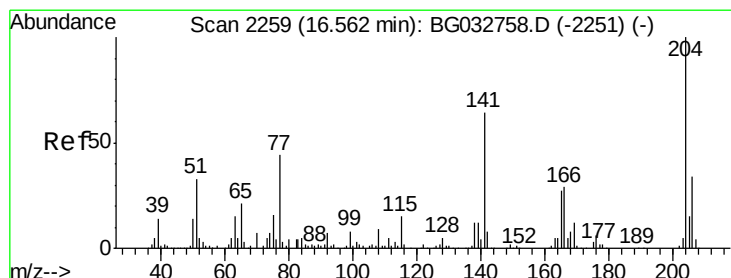
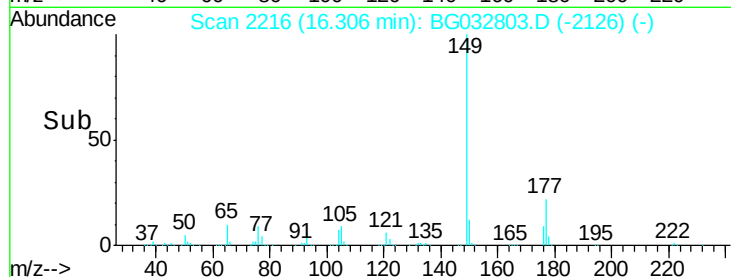
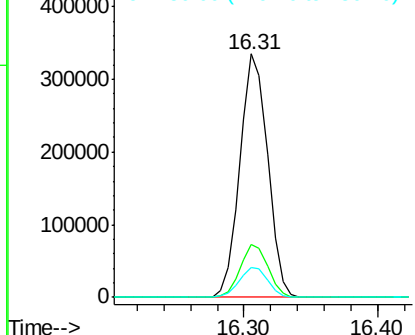
#59
Diethylphthalate
Concen: 37.31 ng
RT: 16.31 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BG032803.D
Acq: 23 Feb 2018 23:19

Instrument :
BNA_G
ClientSampleId :
PB106794BS

Tot Ion:149 Resp: 480357
Ion Ratio Lower Upper
149 100
177 21.7 18.5 27.7
150 12.5 10.2 15.2

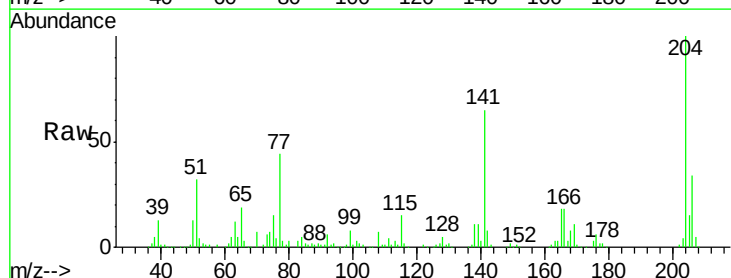


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

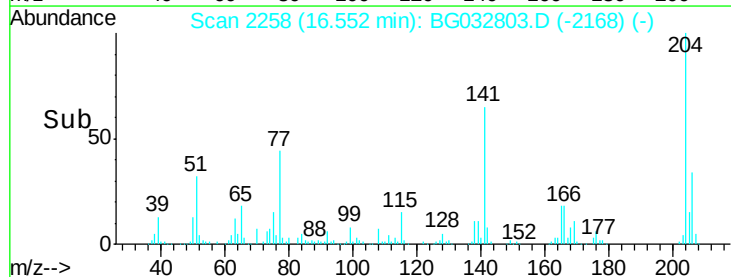
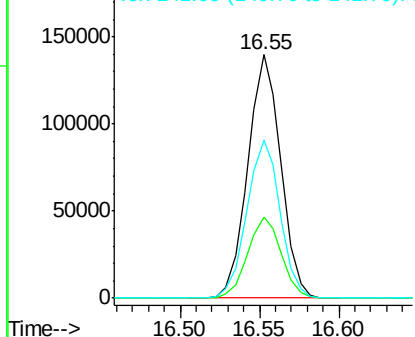


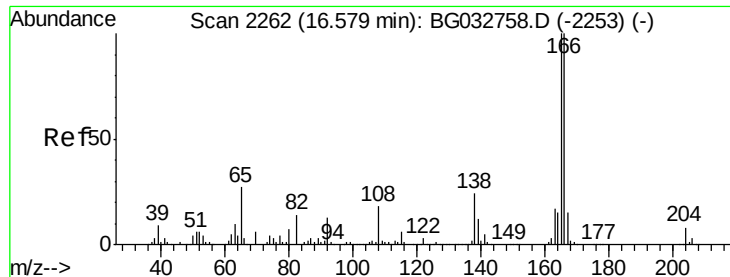
#60
4-Chlorophenyl-phenylether
Concen: 36.56 ng
RT: 16.55 min Scan# 2258
Delta R.T. -0.00 min
Lab File: BG032803.D
Acq: 23 Feb 2018 23:19

Tgt Ion:204 Resp: 201138
Ion Ratio Lower Upper
204 100
206 33.5 26.2 39.2
141 64.8 45.8 68.6



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

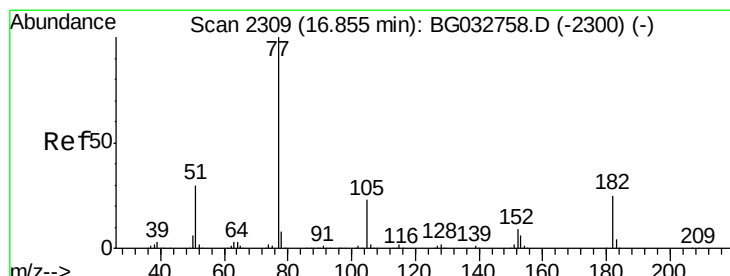
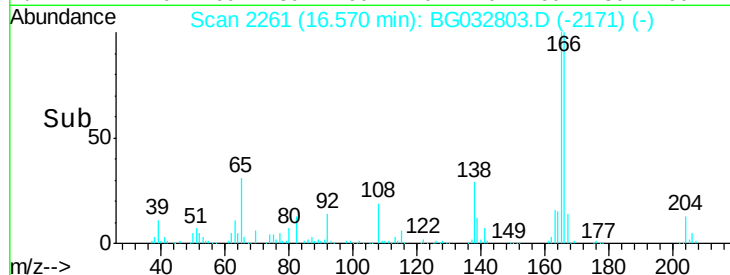
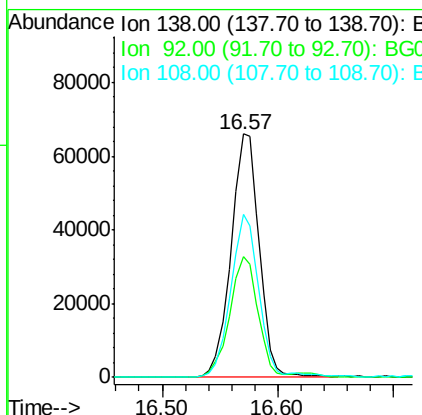
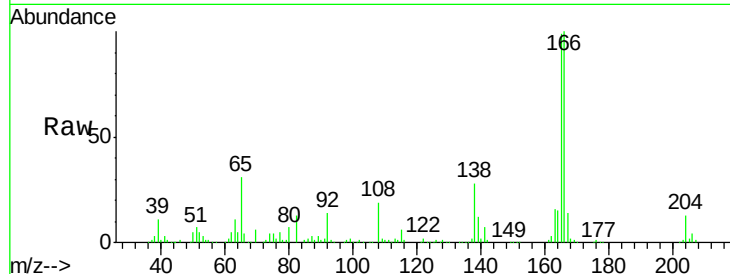




#61
4-Nitroaniline
Concen: 42.80 ng
RT: 16.57 min Scan# 2261
Delta R.T. -0.00 min
Lab File: BG032803.D
Acq: 23 Feb 2018 23:19

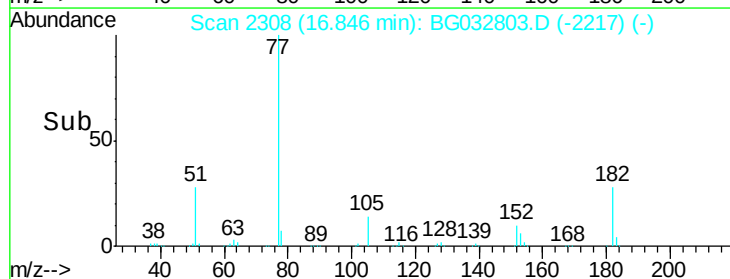
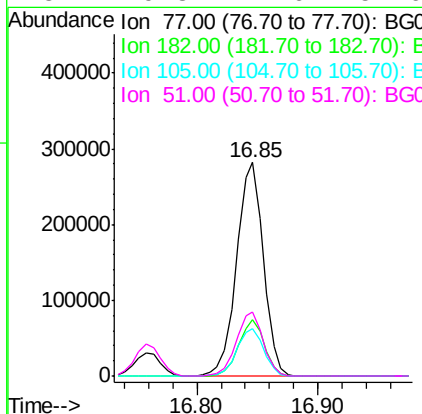
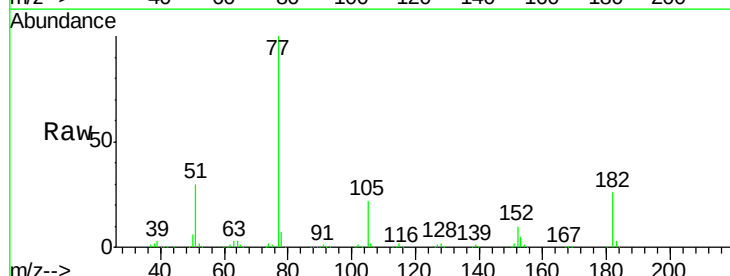
Instrument :
BNA_G
ClientSampleId :
PB106794BS

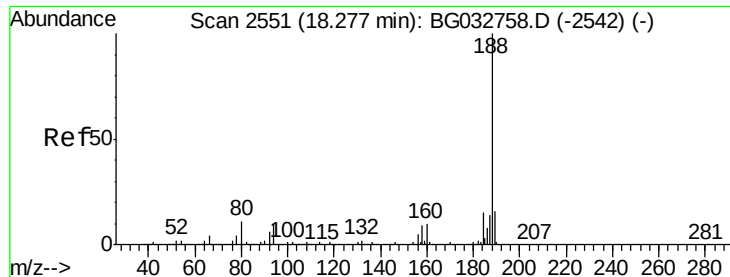
Tot Ion:138 Resp: 111395
Ion Ratio Lower Upper
138 100
92 49.6 40.1 80.1
108 67.2 65.4 105.4



#62
Azobenzene
Concen: 37.75 ng
RT: 16.85 min Scan# 2308
Delta R.T. 0.00 min
Lab File: BG032803.D
Acq: 23 Feb 2018 23:19

Tgt Ion: 77 Resp: 434856
Ion Ratio Lower Upper
77 100
182 26.3 7.4 47.4
105 22.2 0.3 40.3
51 29.8 11.6 51.6

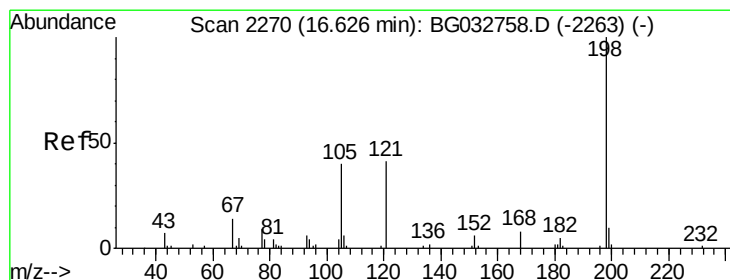
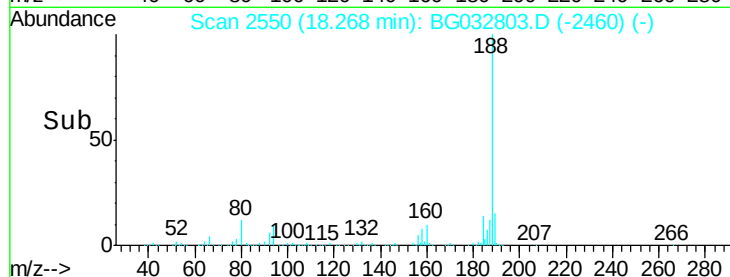
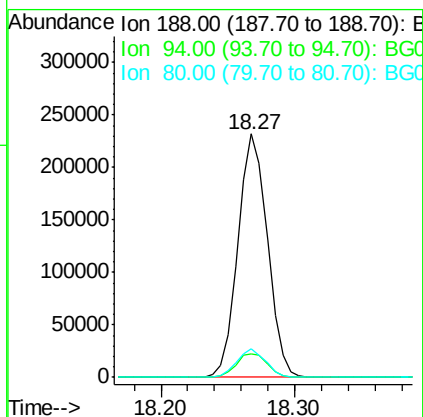
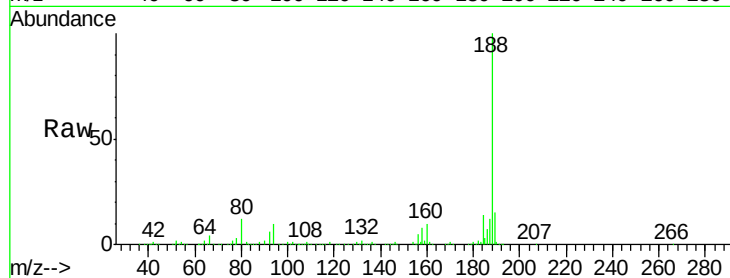




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.27 min Scan# 2550
Delta R.T. -0.00 min
Lab File: BG032803.D
Acq: 23 Feb 2018 23:19

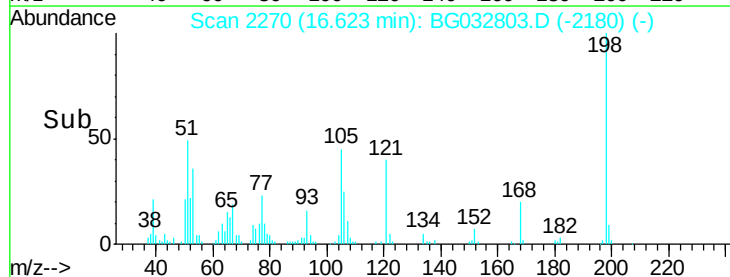
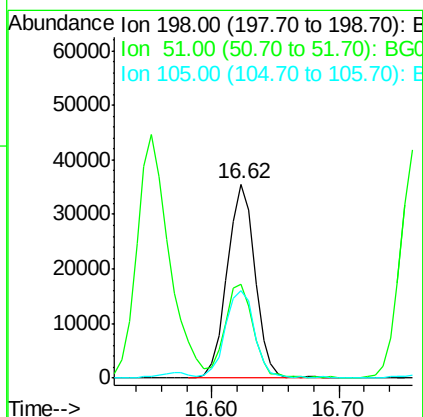
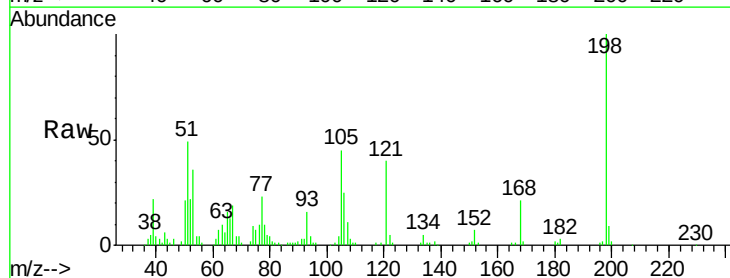
Instrument :
BNA_G
ClientSampleId :
PB106794BS

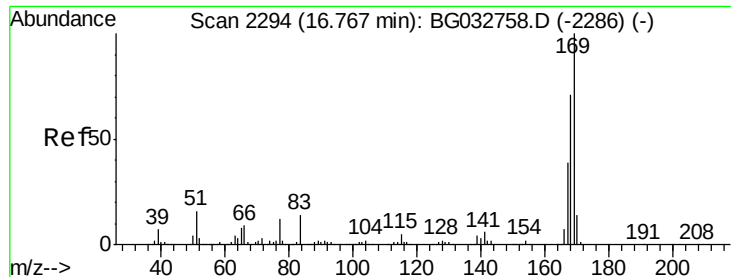
Tot Ion:188 Resp: 354606
Ion Ratio Lower Upper
188 100
94 9.7 6.9 10.3
80 11.8 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 50.96 ng
RT: 16.62 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BG032803.D
Acq: 23 Feb 2018 23:19

Tgt Ion:198 Resp: 53914
Ion Ratio Lower Upper
198 100
51 48.5 30.6 70.6
105 45.3 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 34.73 ng

RT: 16.76 min Scan# 2293

Delta R.T. -0.00 min

Lab File: BG032803.D

Acq: 23 Feb 2018 23:19

Instrument :

BNA_G

ClientSampleId :

PB106794BS

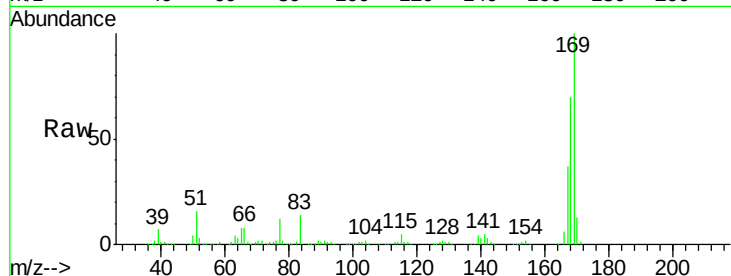
Tot Ion:169 Resp: 400642

Ion Ratio Lower Upper

169 100

168 69.7 55.7 83.5

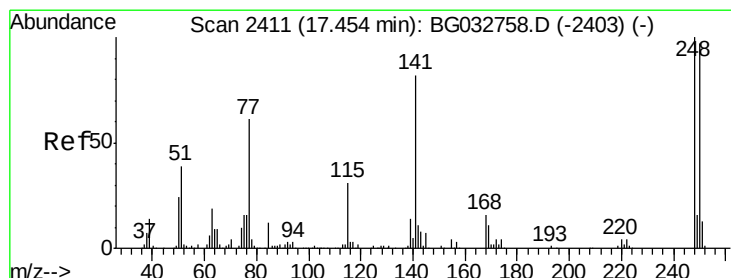
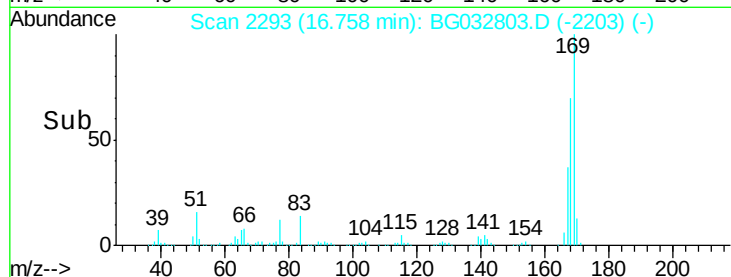
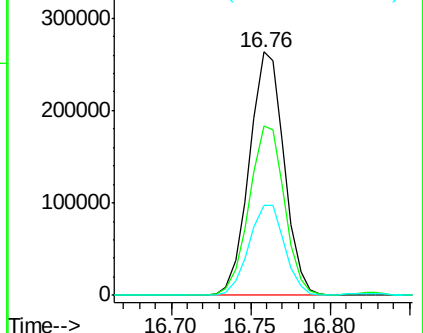
167 37.0 30.1 45.1



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: 33.33 ng

RT: 17.45 min Scan# 2410

Delta R.T. 0.00 min

Lab File: BG032803.D

Acq: 23 Feb 2018 23:19

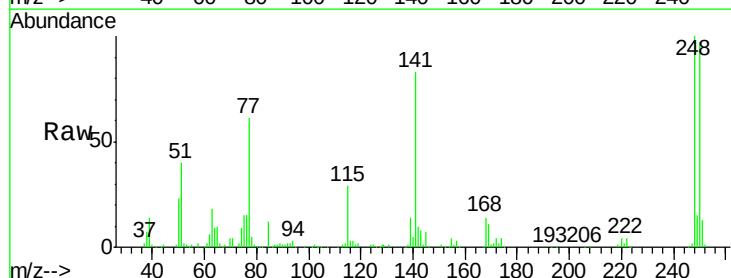
Tgt Ion:248 Resp: 124966

Ion Ratio Lower Upper

248 100

250 96.9 77.1 115.7

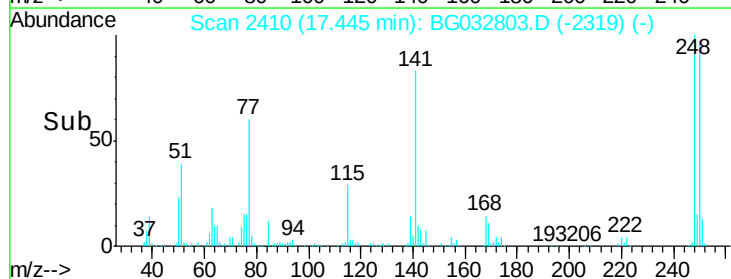
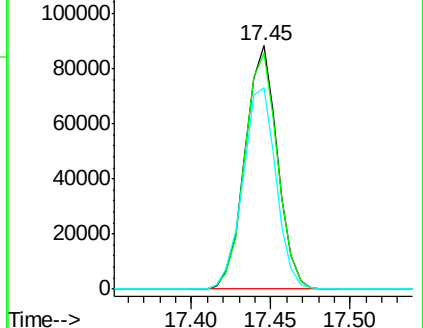
141 82.6 50.8 76.2#

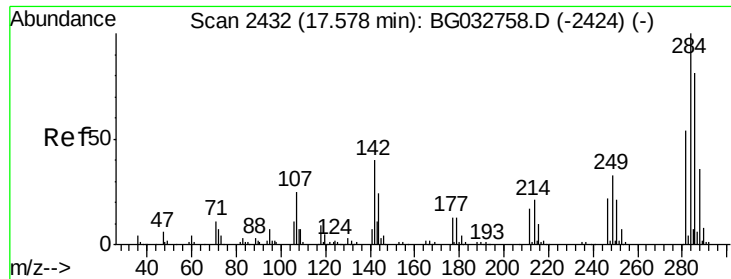


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 32.68 ng

RT: 17.57 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BG032803.D

Acq: 23 Feb 2018 23:19

Instrument :

BNA_G

ClientSampleId :

PB106794BS

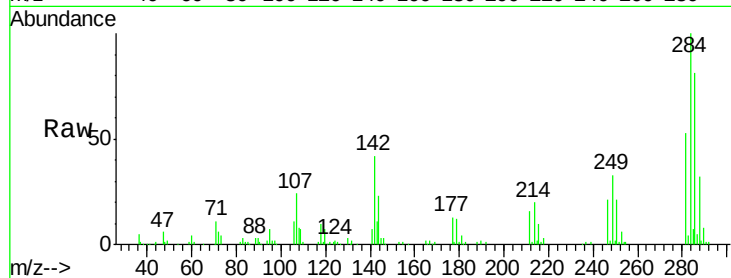
Tot Ion:284 Resp: 132415

Ion Ratio Lower Upper

284 100

142 41.7 26.8 40.2#

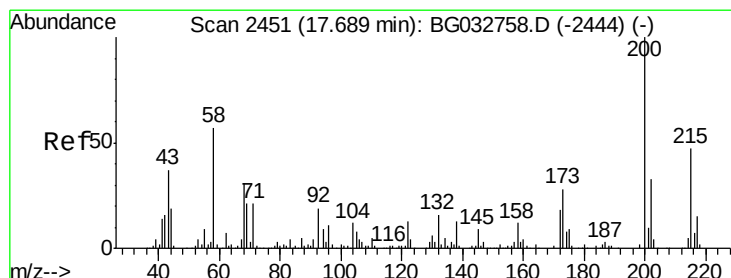
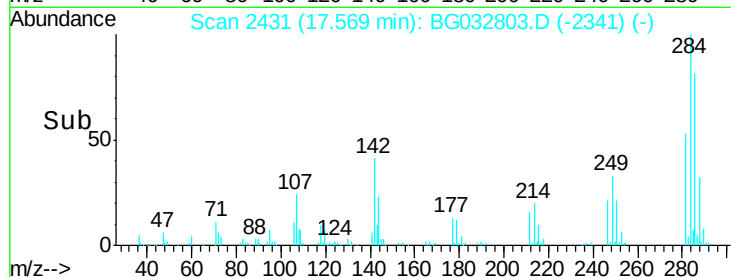
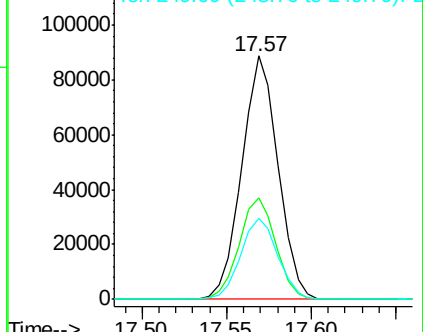
249 33.0 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 37.99 ng

RT: 17.68 min Scan# 2450

Delta R.T. -0.00 min

Lab File: BG032803.D

Acq: 23 Feb 2018 23:19

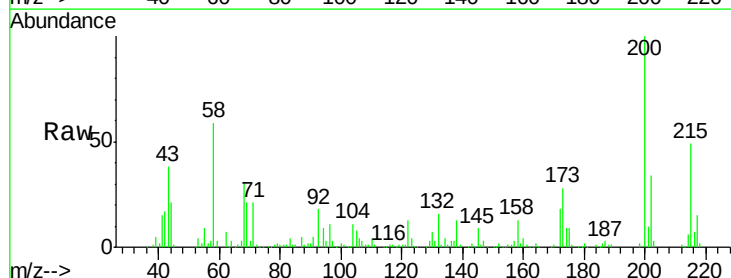
Tgt Ion:200 Resp: 144237

Ion Ratio Lower Upper

200 100

173 28.4 5.2 45.2

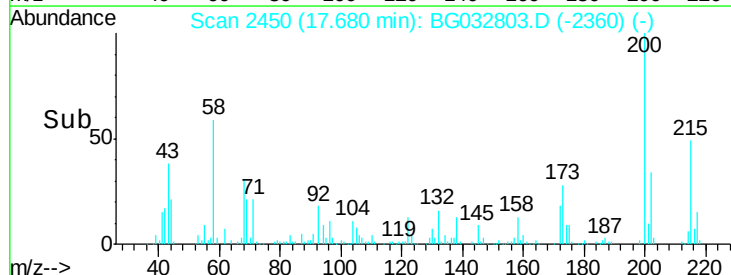
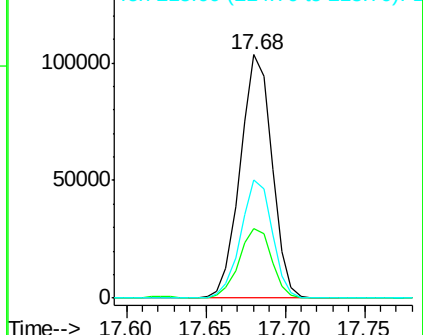
215 48.5 30.4 70.4

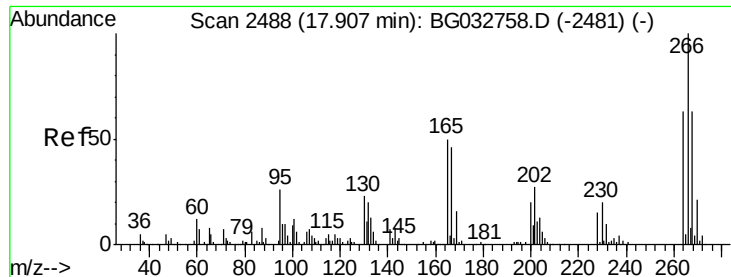


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

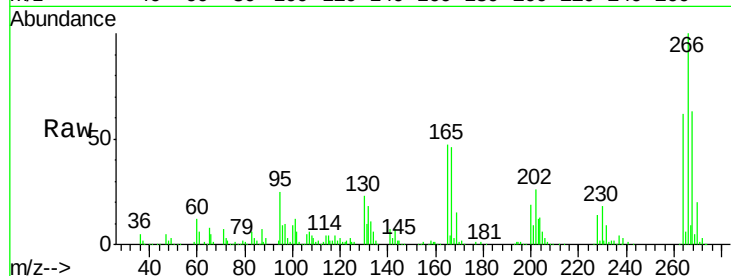




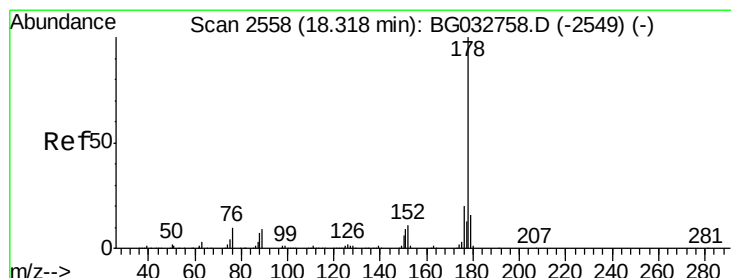
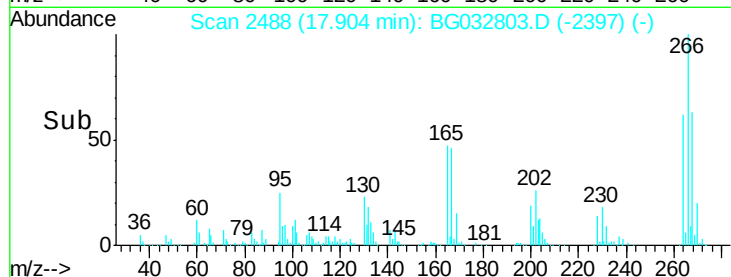
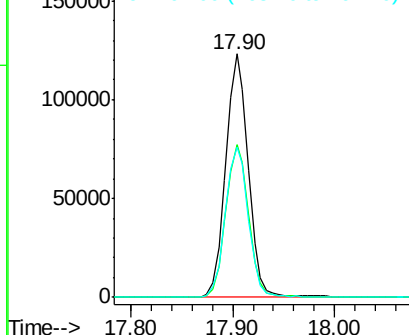
#69
 Pentachlorophenol
 Concen: 74.61 ng
 RT: 17.90 min Scan# 2488
 Delta R.T. 0.00 min
 Lab File: BG032803.D
 Acq: 23 Feb 2018 23:19

Instrument :
 BNA_G
 ClientSampleId :
 PB106794BS

Tot Ion:266 Resp: 190423
 Ion Ratio Lower Upper
 266 100
 268 62.8 51.1 76.7
 264 61.8 49.6 74.4

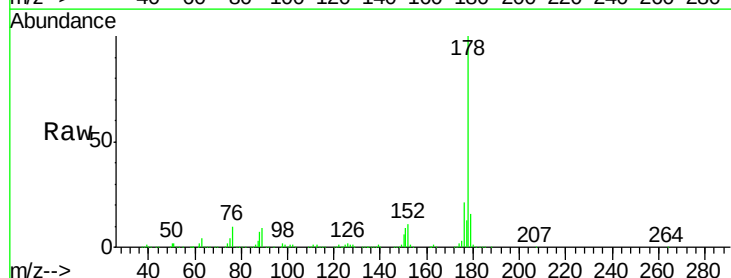


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

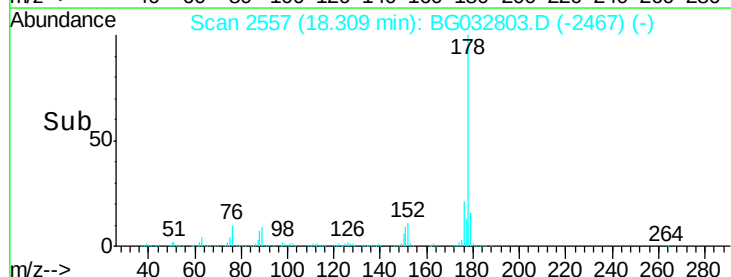
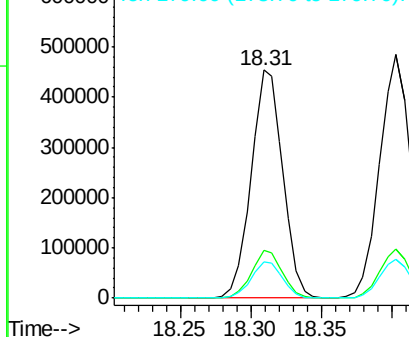


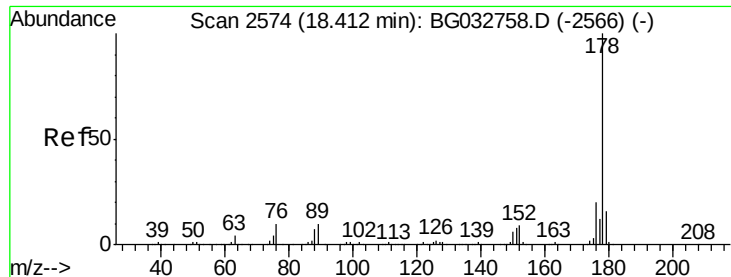
#70
 Phenanthrene
 Concen: 36.06 ng
 RT: 18.31 min Scan# 2557
 Delta R.T. -0.00 min
 Lab File: BG032803.D
 Acq: 23 Feb 2018 23:19

Tgt Ion:178 Resp: 713377
 Ion Ratio Lower Upper
 178 100
 176 20.8 15.7 23.5
 179 16.1 12.5 18.7



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

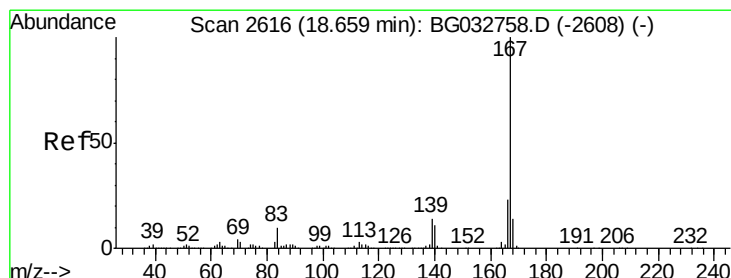
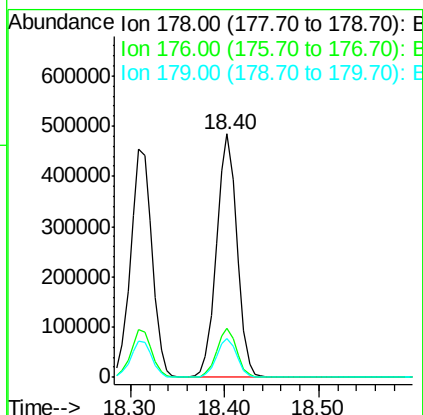
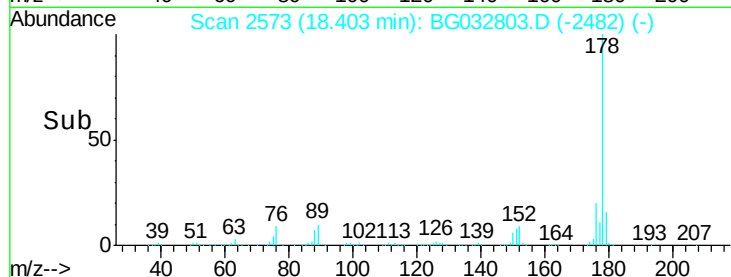
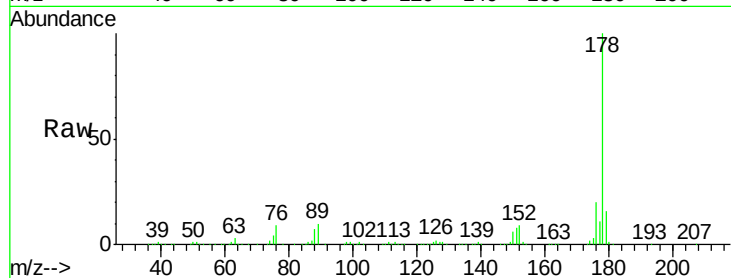




#71
 Anthracene
 Concen: 37.16 ng
 RT: 18.40 min Scan# 2573
 Delta R.T. 0.00 min
 Lab File: BG032803.D
 Acq: 23 Feb 2018 23:19

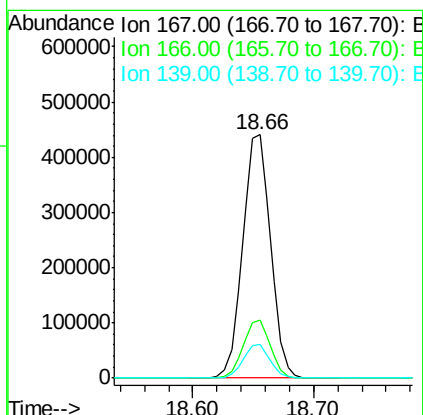
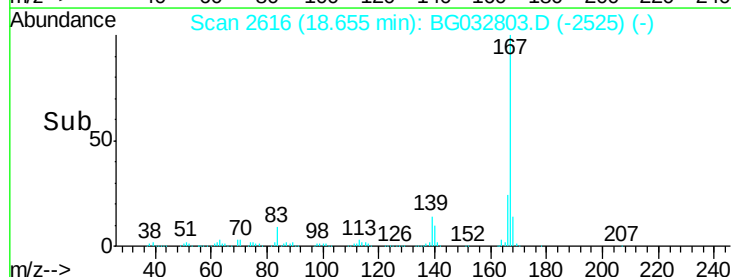
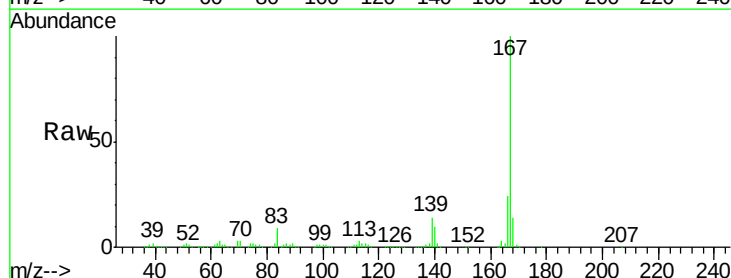
Instrument :
 BNA_G
 ClientSampleId :
 PB106794BS

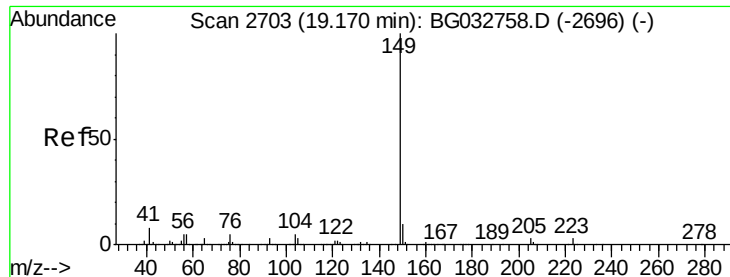
Tot Ion:178 Resp: 738023
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.0 24.0
 179 15.9 12.5 18.7



#72
 Carbazole
 Concen: 36.25 ng
 RT: 18.66 min Scan# 2616
 Delta R.T. 0.00 min
 Lab File: BG032803.D
 Acq: 23 Feb 2018 23:19

Tgt Ion:167 Resp: 709729
 Ion Ratio Lower Upper
 167 100
 166 23.6 18.2 27.4
 139 13.7 9.4 14.2





#73

Di-n-butylphthalate

Concen: 36.88 ng

RT: 19.16 min Scan# 2702

Delta R.T. -0.00 min

Lab File: BG032803.D

Acq: 23 Feb 2018 23:19

Instrument :

BNA_G

ClientSampleId :

PB106794BS

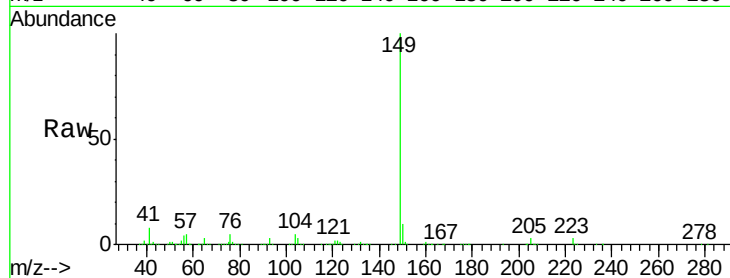
Tot Ion:149 Resp: 885699

Ion Ratio Lower Upper

149 100

150 10.1 7.8 11.6

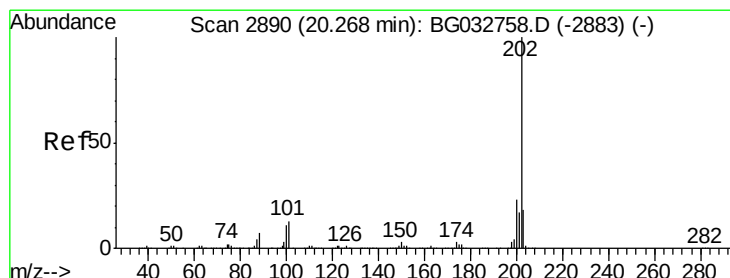
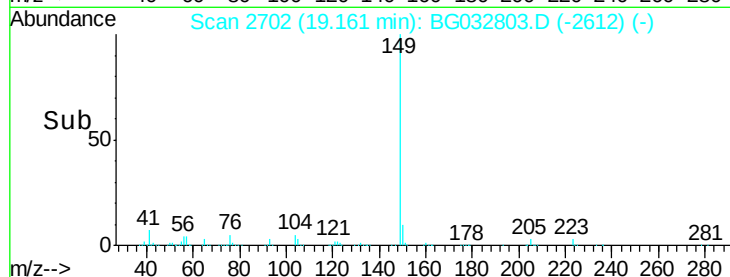
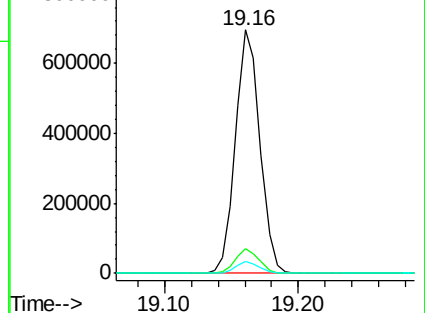
104 5.1 3.9 5.9



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: 37.65 ng

RT: 20.26 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BG032803.D

Acq: 23 Feb 2018 23:19

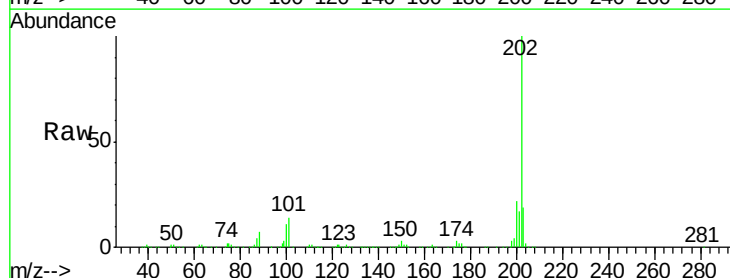
Tgt Ion:202 Resp: 822726

Ion Ratio Lower Upper

202 100

101 13.8 0.0 28.9

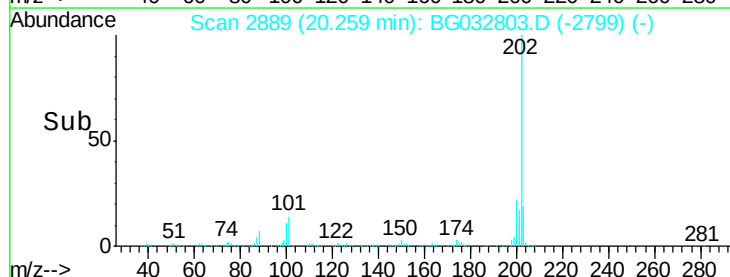
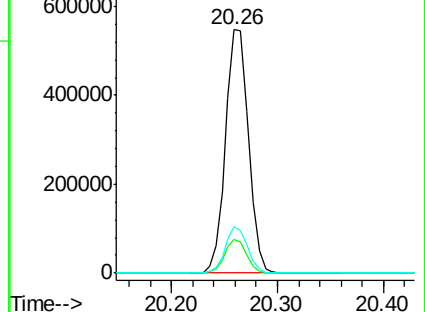
203 18.9 0.0 37.5

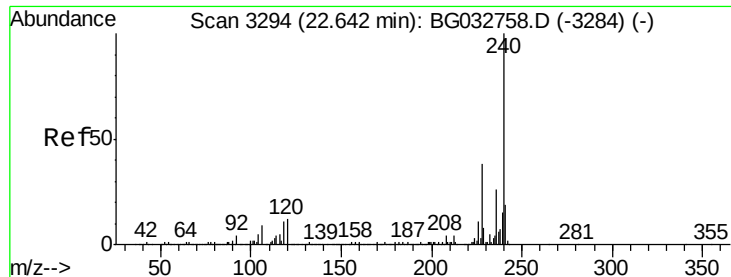


Abundance Ion 202.00 (201.70 to 202.70): E

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# 3293

Delta R.T. 0.00 min

Lab File: BG032803.D

Acq: 23 Feb 2018 23:19

Instrument :

BNA_G

ClientSampleId :

PB106794BS

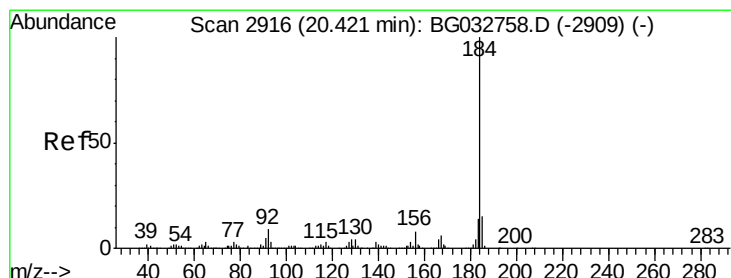
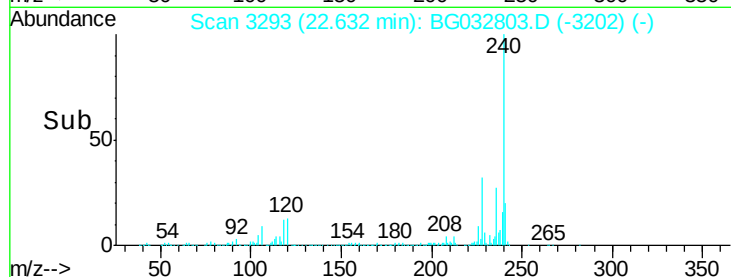
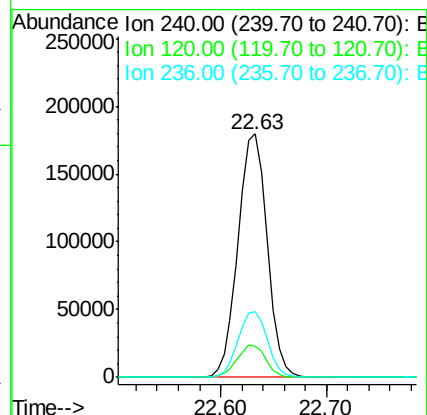
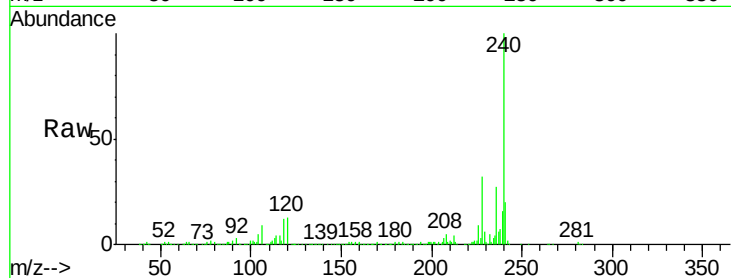
Tot Ion:240 Resp: 343411

Ion Ratio Lower Upper

240 100

120 12.8 6.8 10.2#

236 26.9 20.9 31.3



#76

Benzidine

Concen: 20.37 ng

RT: 20.42 min Scan# 2916

Delta R.T. 0.00 min

Lab File: BG032803.D

Acq: 23 Feb 2018 23:19

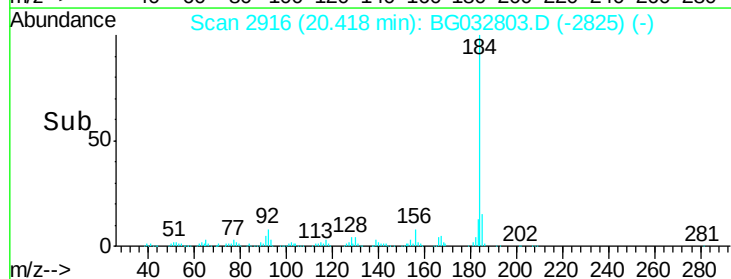
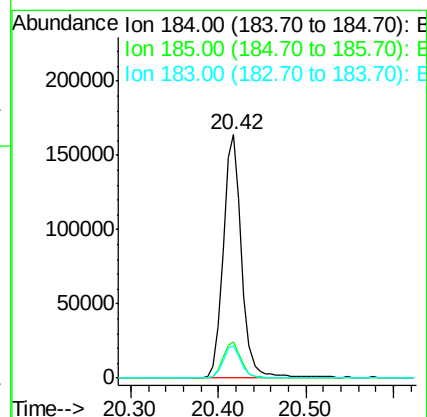
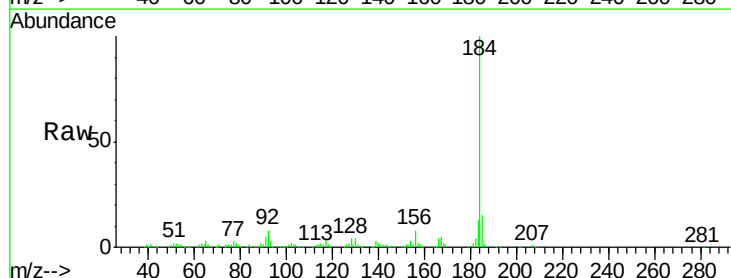
Tgt Ion:184 Resp: 238453

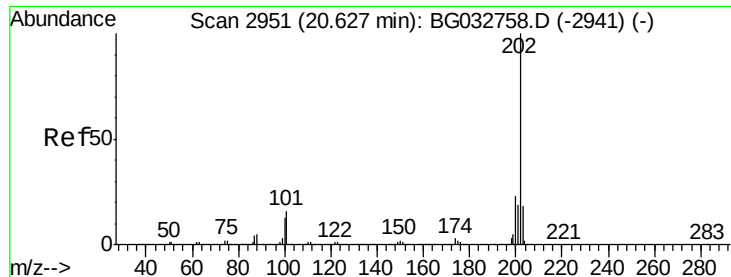
Ion Ratio Lower Upper

184 100

185 14.9 11.1 16.7

183 13.2 10.6 16.0

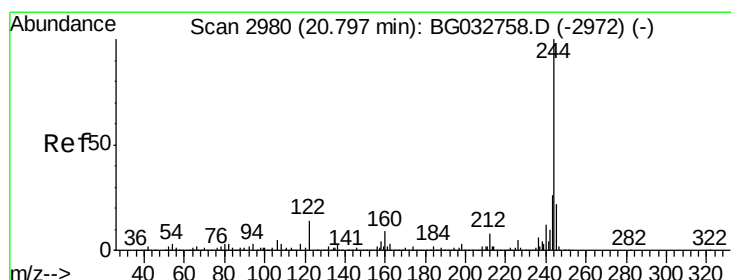
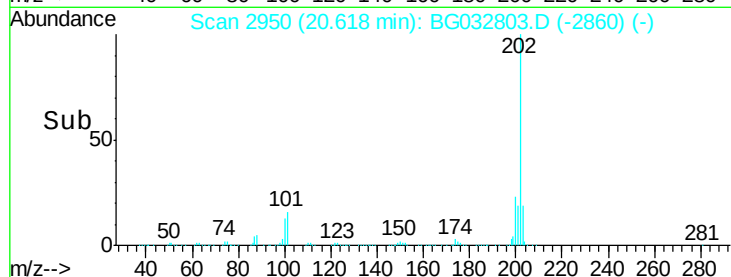
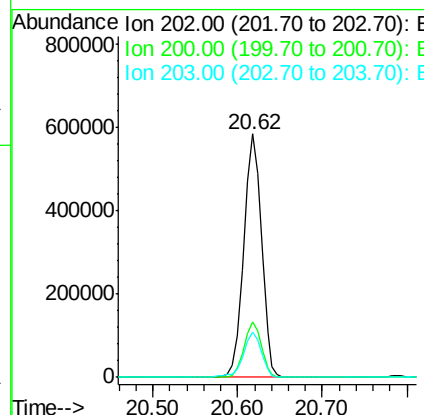
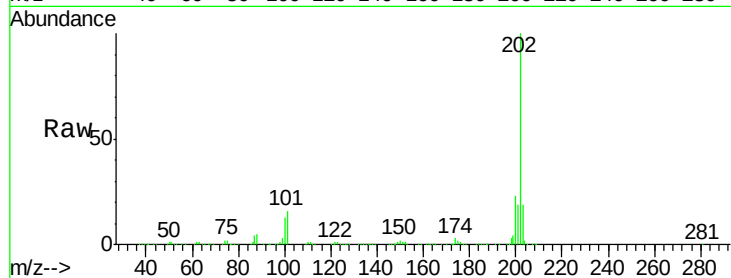




#77
Pvrene
Concen: 34.59 ng
RT: 20.62 min Scan# 2950
Delta R.T. -0.00 min
Lab File: BG032803.D
Acq: 23 Feb 2018 23:19

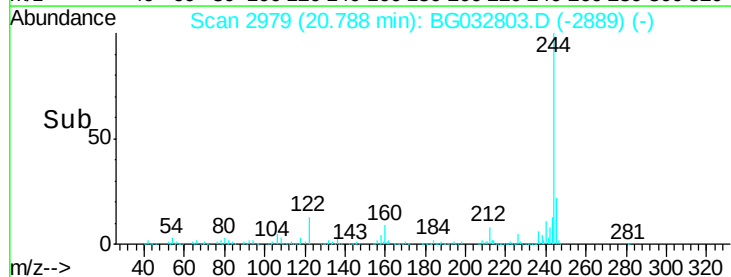
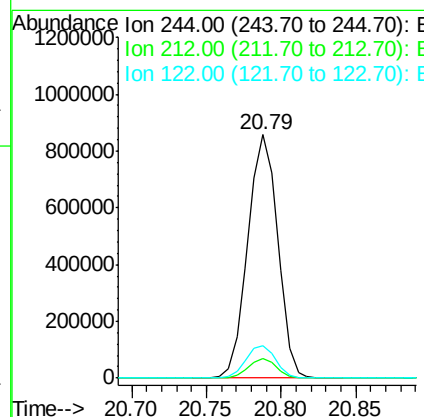
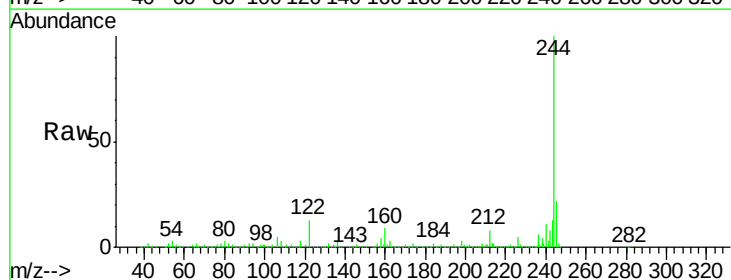
Instrument :
BNA_G
ClientSampleId :
PB106794BS

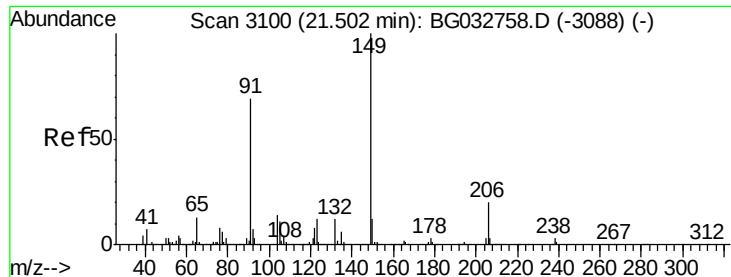
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.8	16.9	25.3
203	18.8	13.9	20.9



#78
Terphenyl-d14
Concen: 77.58 ng
RT: 20.79 min Scan# 2979
Delta R.T. -0.00 min
Lab File: BG032803.D
Acq: 23 Feb 2018 23:19

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.8	8.8
122	13.5	7.0	10.4





#79

Butylbenzylphthalate

Concen: 38.67 ng

RT: 21.49 min Scan# 3099

Delta R.T. 0.00 min

Lab File: BG032803.D

Acq: 23 Feb 2018 23:19

Instrument :

BNA_G

ClientSampleId :

PB106794BS

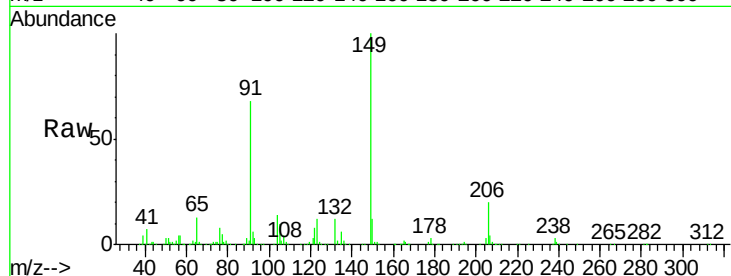
Tot Ion:149 Resp: 415240

Ion Ratio Lower Upper

149 100

91 68.1 62.2 93.2

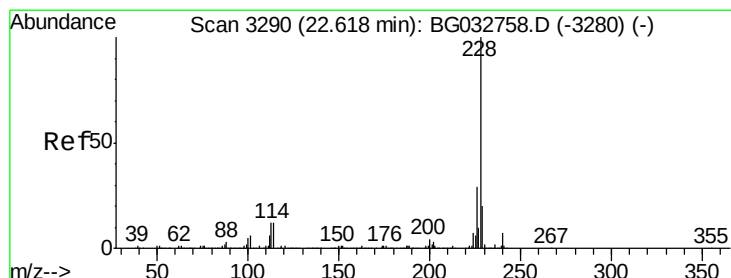
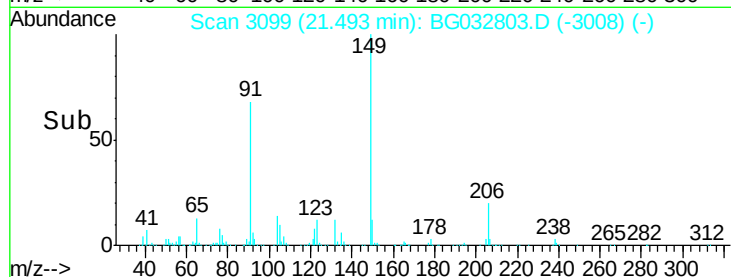
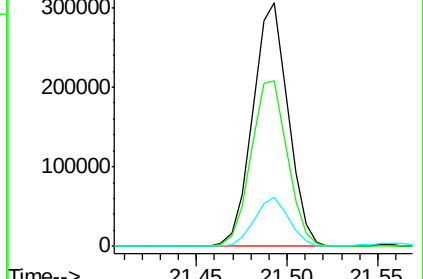
206 20.3 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 36.54 ng

RT: 22.61 min Scan# 3289

Delta R.T. 0.00 min

Lab File: BG032803.D

Acq: 23 Feb 2018 23:19

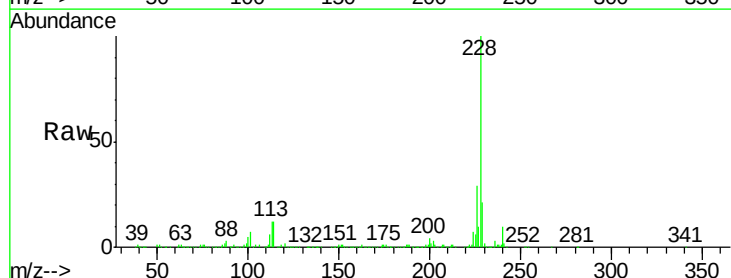
Tgt Ion:228 Resp: 804564

Ion Ratio Lower Upper

228 100

226 28.6 22.7 34.1

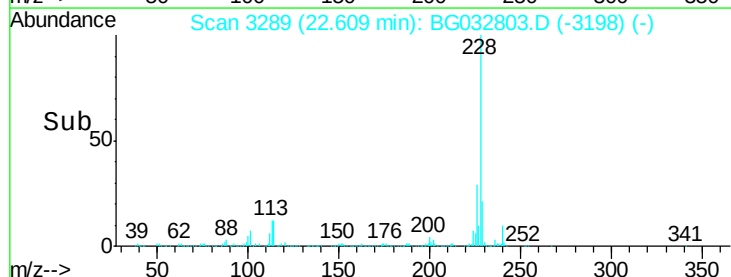
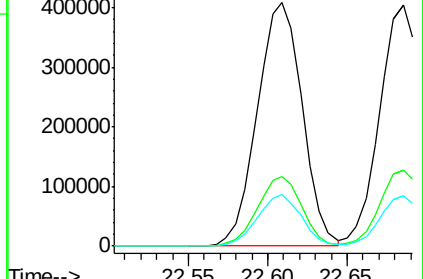
229 21.0 16.2 24.2

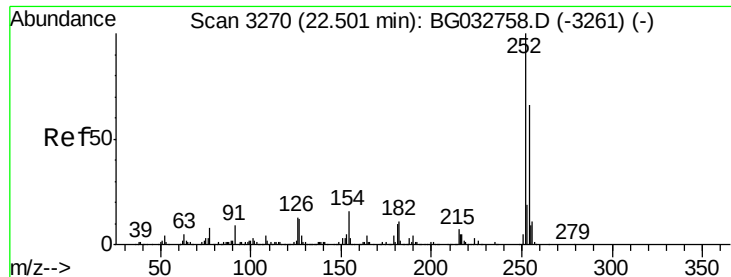


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

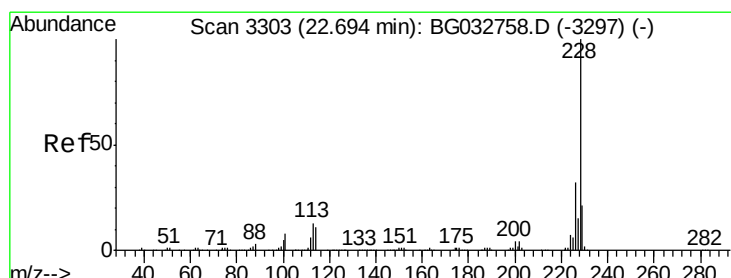
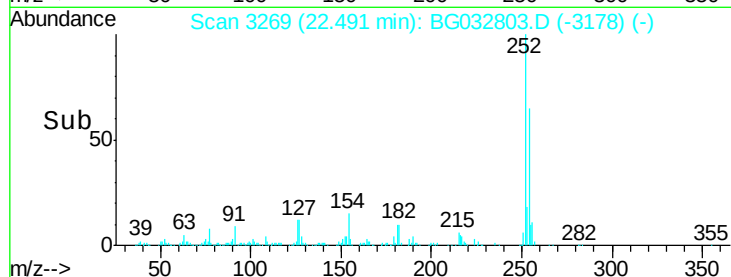
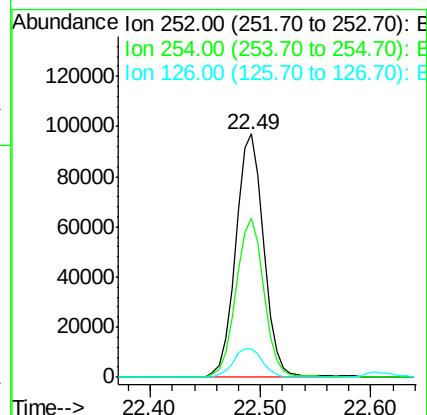
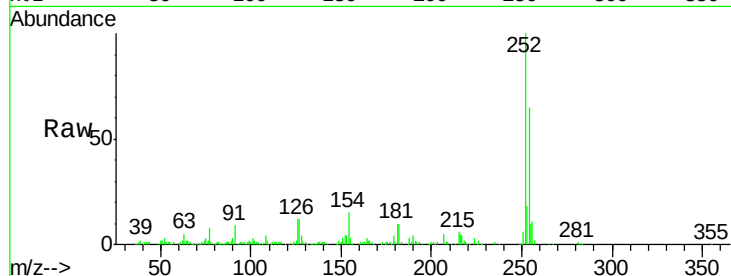




#81
 3,3'-Dichlorobenzidine
 Concen: 21.21 ng
 RT: 22.49 min Scan# 3269
 Delta R.T. 0.00 min
 Lab File: BG032803.D
 Acq: 23 Feb 2018 23:19

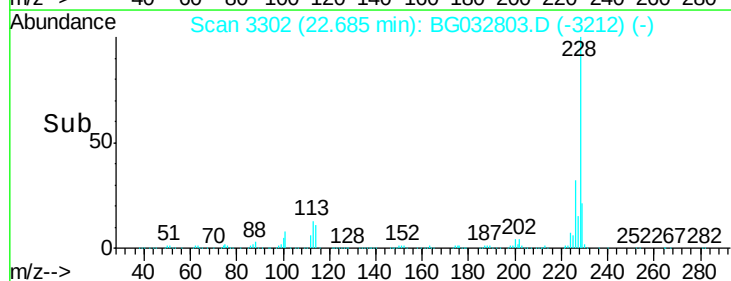
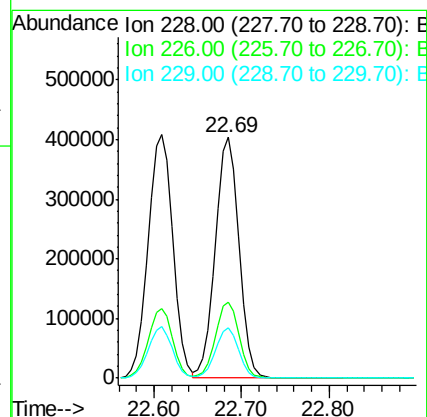
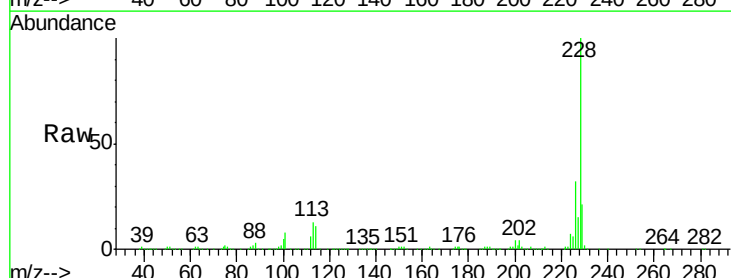
Instrument :
 BNA_G
 ClientSampleId :
 PB106794BS

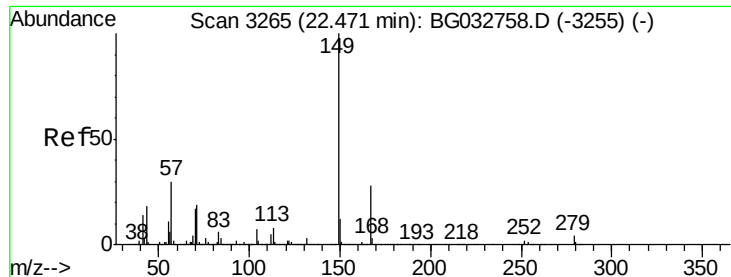
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.4	50.8	76.2
126	11.8	7.4	11.2#



#82
 Chrysene
 Concen: 36.14 ng
 RT: 22.69 min Scan# 3302
 Delta R.T. -0.00 min
 Lab File: BG032803.D
 Acq: 23 Feb 2018 23:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.9	37.3
229	21.1	15.0	22.4

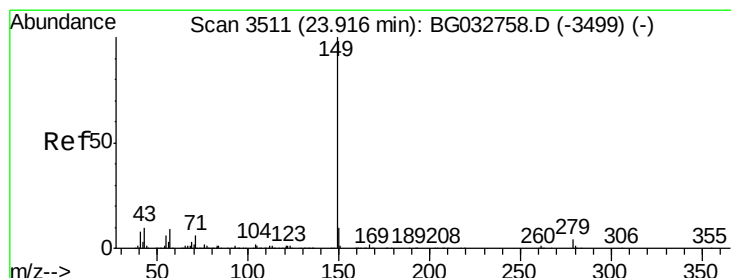
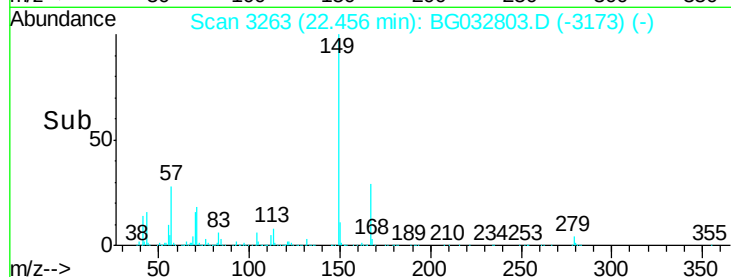
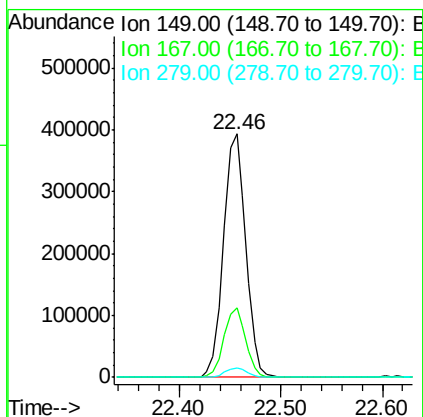
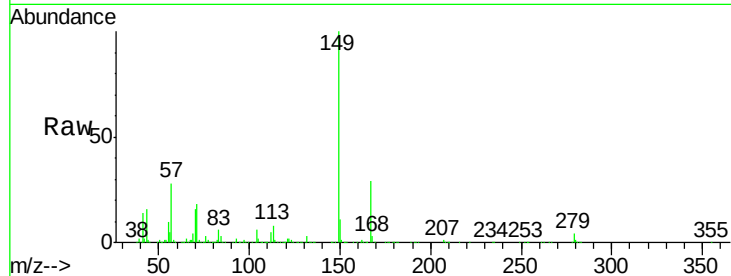




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.60 ng
 RT: 22.46 min Scan# 3263
 Delta R.T. -0.00 min
 Lab File: BG032803.D
 Acq: 23 Feb 2018 23:19

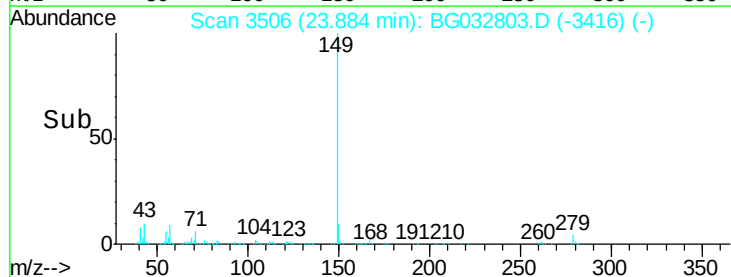
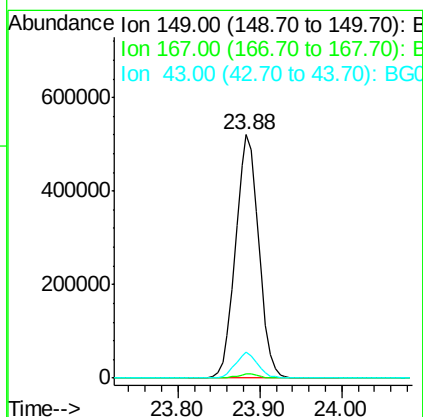
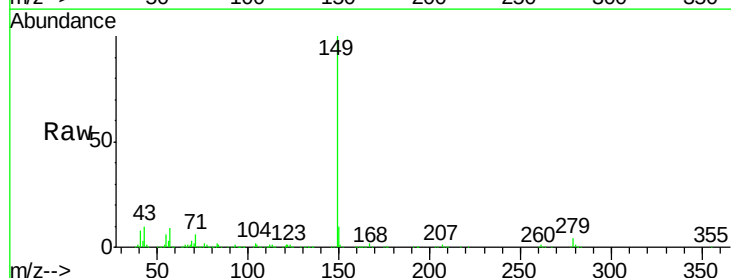
Instrument :
 BNA_G
 ClientSampleId :
 PB106794BS

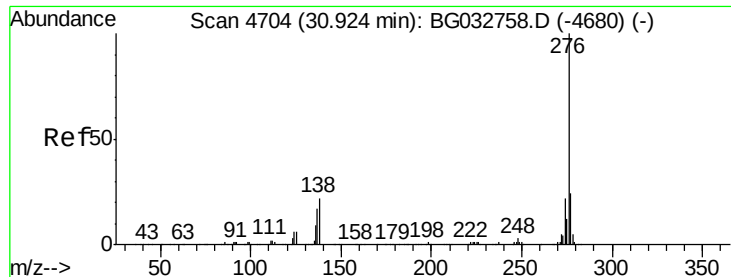
Tot Ion:149 Resp: 597614
 Ion Ratio Lower Upper
 149 100
 167 28.6 24.3 36.5
 279 4.1 4.0 6.0



#84
 Di-n-octyl phthalate
 Concen: 42.24 ng
 RT: 23.88 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: BG032803.D
 Acq: 23 Feb 2018 23:19

Tgt Ion:149 Resp: 1023196
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.0
 43 10.0 8.9 13.3

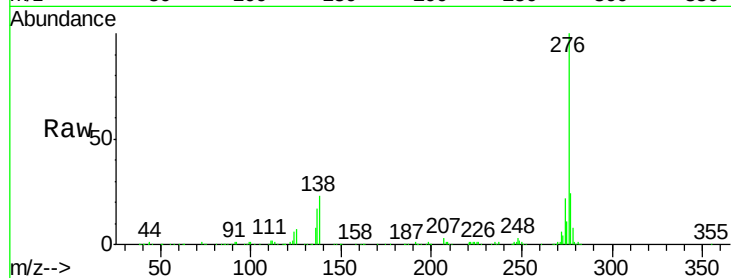




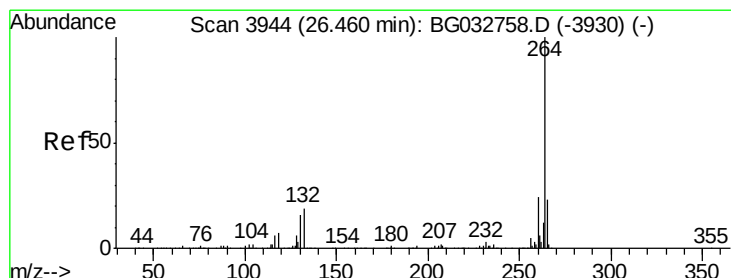
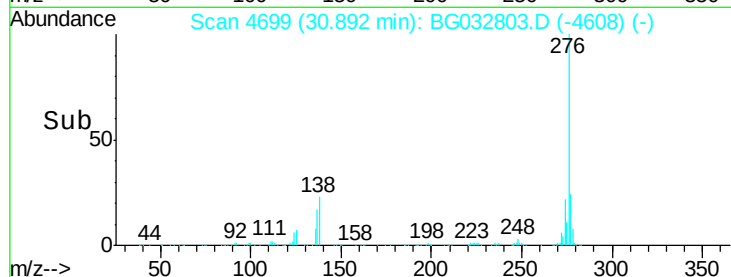
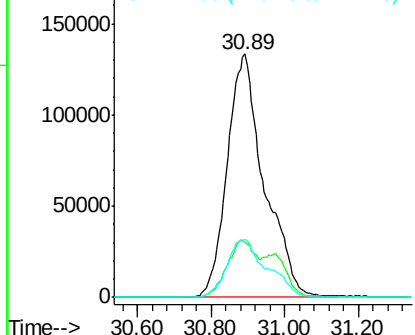
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.93 ng
 RT: 30.89 min Scan# 4699
 Delta R.T. 0.00 min
 Lab File: BG032803.D
 Acq: 23 Feb 2018 23:19

Instrument :
 BNA_G
 ClientSampleId :
 PB106794BS

Tot Ion:276 Resp: 930557
 Ion Ratio Lower Upper
 276 100
 138 18.3 16.0 24.0
 277 26.1 20.0 30.0

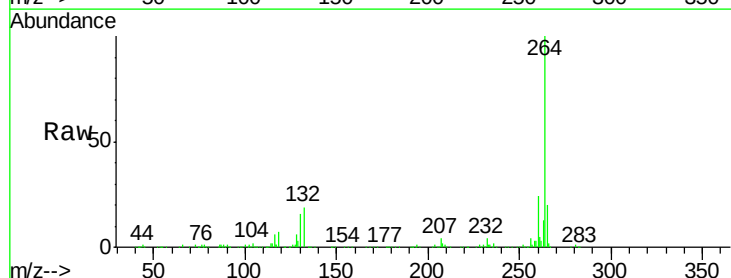


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

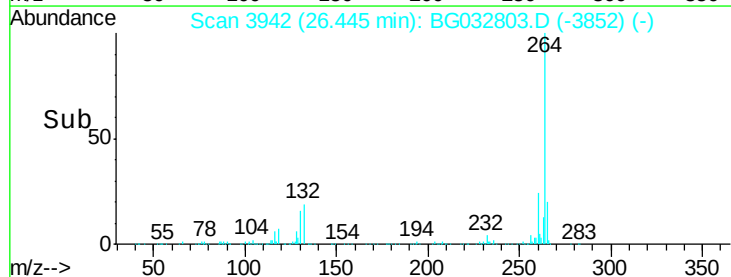
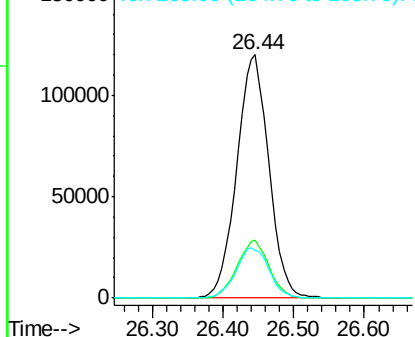


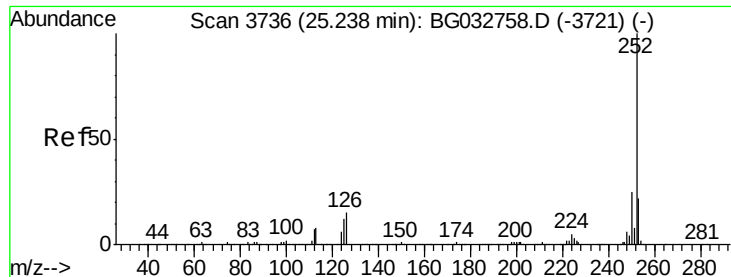
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 26.44 min Scan# 3942
 Delta R.T. -0.00 min
 Lab File: BG032803.D
 Acq: 23 Feb 2018 23:19

Tgt Ion:264 Resp: 378691
 Ion Ratio Lower Upper
 264 100
 260 23.6 17.4 26.0
 265 19.5 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: 36.27 ng

RT: 25.22 min Scan# 3733

Delta R.T. -0.00 min

Lab File: BG032803.D

Acq: 23 Feb 2018 23:19

Instrument :

BNA_G

ClientSampleId :

PB106794BS

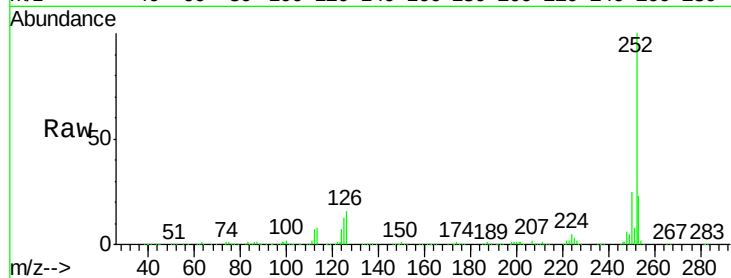
Tot Ion:252 Resp: 812167

Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.4

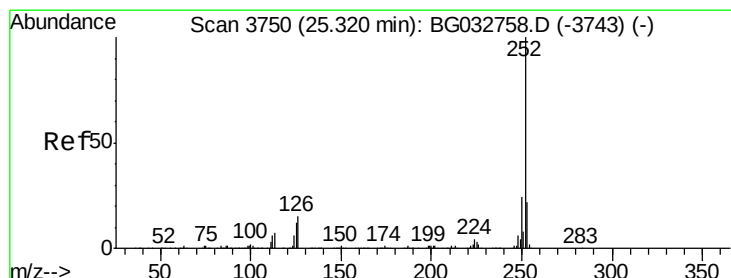
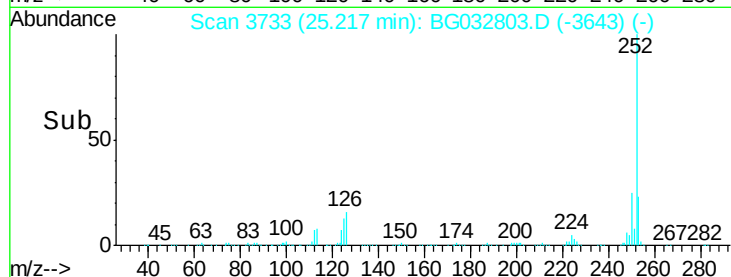
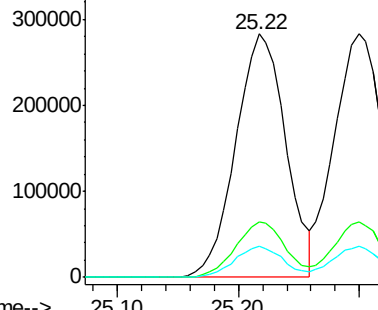
125 12.9 7.2 10.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 35.68 ng

RT: 25.30 min Scan# 3747

Delta R.T. -0.00 min

Lab File: BG032803.D

Acq: 23 Feb 2018 23:19

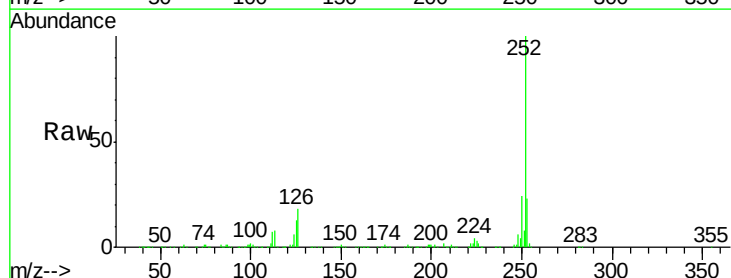
Tgt Ion:252 Resp: 793923

Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.2

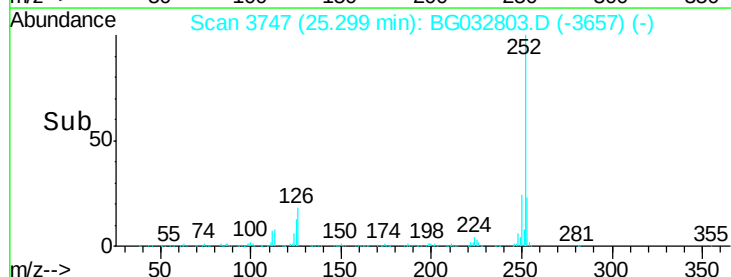
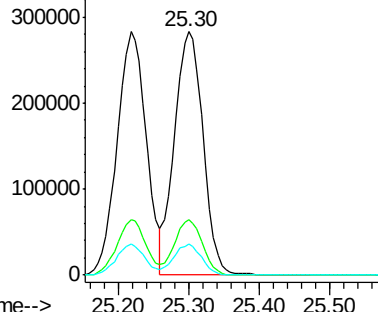
125 12.6 6.6 9.8#

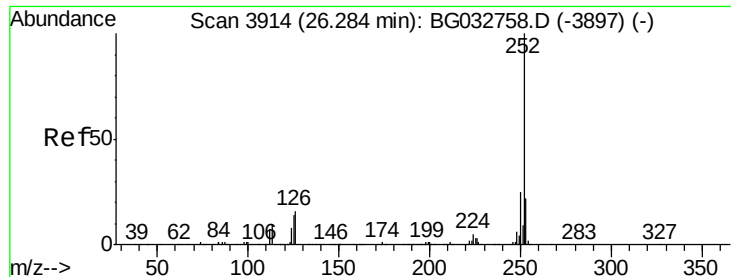


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 36.95 ng

RT: 26.26 min Scan# 3911

Delta R.T. -0.00 min

Lab File: BG032803.D

Acq: 23 Feb 2018 23:19

Instrument :

BNA_G

ClientSampleId :

PB106794BS

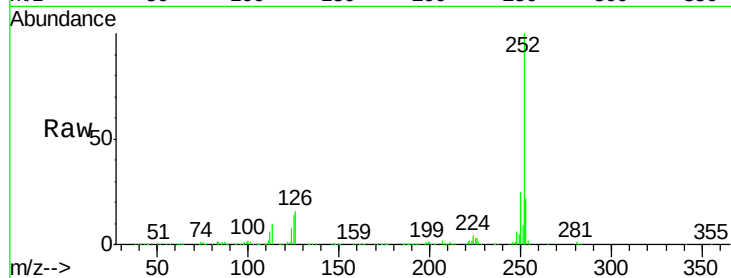
Tot Ion:252 Resp: 786863

Ion Ratio Lower Upper

252 100

253 22.4 18.3 27.5

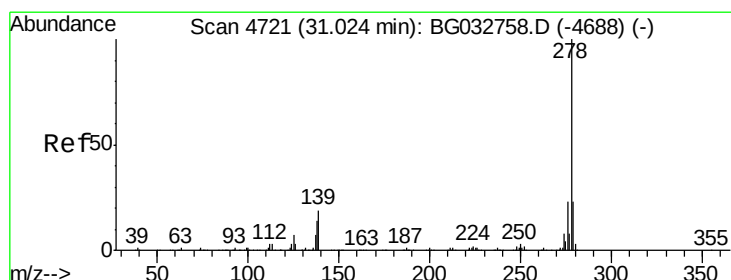
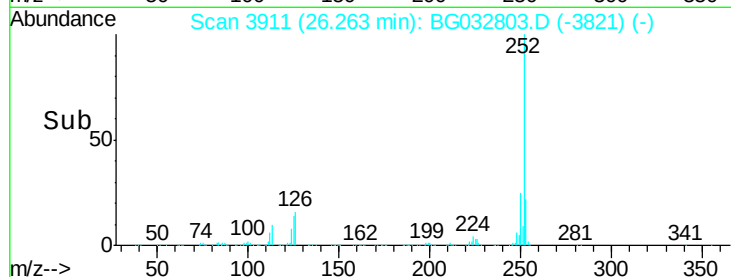
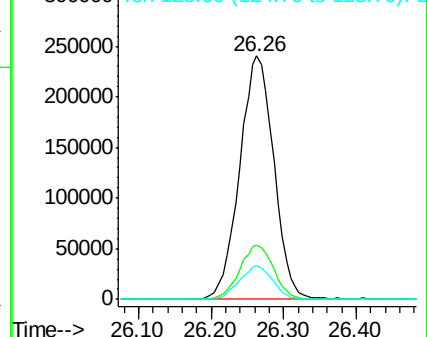
125 13.7 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 36.54 ng

RT: 30.98 min Scan# 4714

Delta R.T. 0.00 min

Lab File: BG032803.D

Acq: 23 Feb 2018 23:19

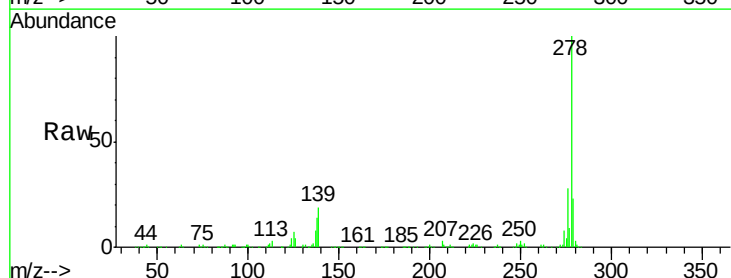
Tgt Ion:278 Resp: 783334

Ion Ratio Lower Upper

278 100

139 18.6 9.8 14.6#

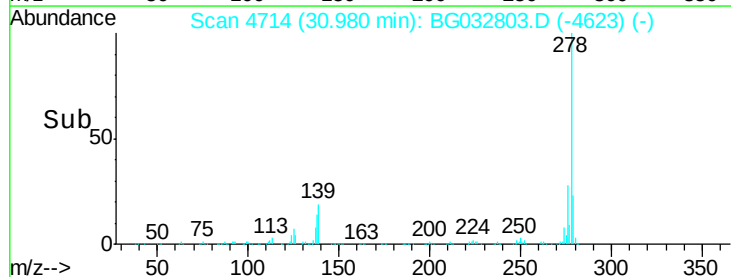
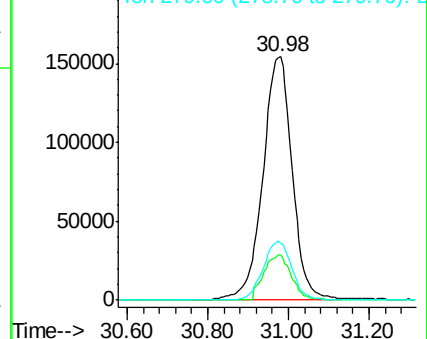
279 23.4 18.4 27.6

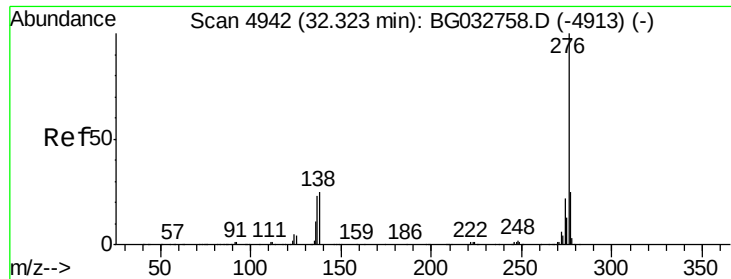


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 36.77 ng

RT: 32.28 min Scan# 4936

Delta R.T. -0.00 min

Lab File: BG032803.D

Acq: 23 Feb 2018 23:19

Instrument :

BNA_G

ClientSampleId :

PB106794BS

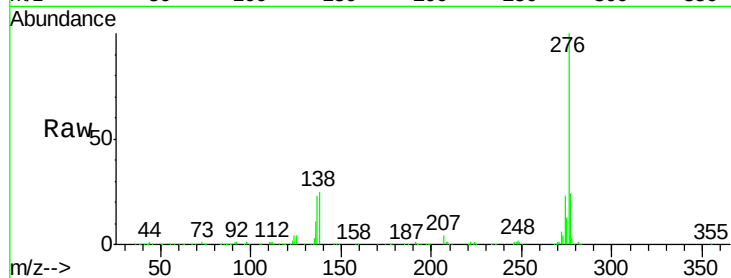
Tot Ion: 276 Resp: 776939

Ion Ratio Lower Upper

276 100

277 24.0 18.3 27.5

138 24.6 13.9 20.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

