

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG020518\
 Data File : BG032561.D
 Acq On : 6 Feb 2018 8:10
 Operator : SJ/JU
 Sample : PB106290BL
 Misc : MDL8PPM
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106290BL

Quant Time: Feb 06 10:15:52 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	19932	20.00	ng	-0.02
21) Naphthalene-d8	11.58	136	89825	20.00	ng	-0.02
38) Acenaphthene-d10	15.34	164	64241	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	175353	20.00	ng	-0.01
75) Chrysene-d12	22.40	240	236472	20.00	ng	-0.02
86) Perylene-d12	26.07	264	259020	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	123363	124.31	ng	0.00
7) Phenol-d6	7.82	99	146455	110.60	ng	0.00
23) Nitrobenzene-d5	9.90	82	109571	76.19	ng	-0.02
41) 2,4,6-Tribromophenol	16.82	330	127354	104.15	ng	-0.02
44) 2-Fluorobiphenyl	13.97	172	421657	78.01	ng	-0.02
78) Terphenyl-d14	20.62	244	966887	87.59	ng	-0.01

Target Compounds				Qvalue		
4) n-Nitrosodimethylamine	4.40	42	56	0.119	ng	# 1
6) Aniline	8.22	93	57	0.035	ng	# 1
9) Benzaldehyde	7.83	77	259	0.379	ng	# 5
10) Phenol	8.22	94	94	0.075	ng	# 1
11) bis(2-Chloroethyl)ether	8.22	93	57	0.059	ng	# 1
15) Benzyl Alcohol	9.05	79	2216	2.030	ng	# 54
19) n-Nitroso-di-n-propylamine	9.90	70	15793	17.987	ng	# 73
22) Acetophenone	9.58	105	62	0.029	ng	# 50
24) Nitrobenzene	9.89	77	146	0.105	ng	# 42
25) Isophorone	10.33	82	164	0.067	ng	# 69
26) 2-Nitrophenol	10.32	139	63	0.075	ng	# 29
30) 1,2,4-Trichlorobenzene	11.36	180	81	0.038	ng	# 12
35) Caprolactam	12.51	113	69	0.150	ng	# 1
37) 2-Methylnaphthalene	13.51	142	53	0.014	ng	# 17
39) 1,2,4,5-Tetrachlorobenzene	13.11	216	55	0.018	ng	# 25
42) 2,4,6-Trichlorophenol	13.62	196	83	0.051	ng	# 11
43) 2,4,5-Trichlorophenol	13.62	196	83	0.044	ng	# 17
45) 1,1'-Biphenyl	14.18	154	777	0.143	ng	# 93
47) 2-Nitroaniline	14.13	65	54	0.057	ng	# 9
50) 2,6-Dinitrotoluene	15.34	165	7729	6.217	ng	# 18
51) Acenaphthene	15.34	154	54	0.012	ng	# 5
56) 2,4-Dinitrotoluene	15.34	165	7729	4.366	ng	# 16
57) Fluorene	16.81	166	2736	0.499	ng	# 72
61) 4-Nitroaniline	16.71	138	64	0.055	ng	# 12
62) Azobenzene	16.81	77	403	0.117	ng	# 39
64) 4,6-Dinitro-2-methylphenol	16.83	198	231	0.176	ng	# 44
65) n-Nitrosodiphenylamine	16.82	169	3104	0.593	ng	# 56
66) 4-Bromophenyl-phenylether	16.82	248	9655	3.717	ng	# 1
69) Pentachlorophenol	17.99	266	78	0.043	ng	# 19
72) Carbazole	18.91	167	53	0.006	ng	# 59
76) Benzidine	20.61	184	14017	3.019	ng	# 84
77) Pyrene	20.62	202	3374	0.233	ng	# 81
79) Butylbenzylphthalate	21.18	149	68	0.015	ng	# 20
80) Benzo(a)anthracene	22.40	228	520	0.035	ng	# 50

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG020518\
Data File : BG032561.D
Acq On : 6 Feb 2018 8:10
Operator : SJ/JU
Sample : PB106290BL
Misc : MDL8PPM
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB106290BL

Quant Time: Feb 06 10:15:52 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 15:32:55 2018
Response via : Initial Calibration

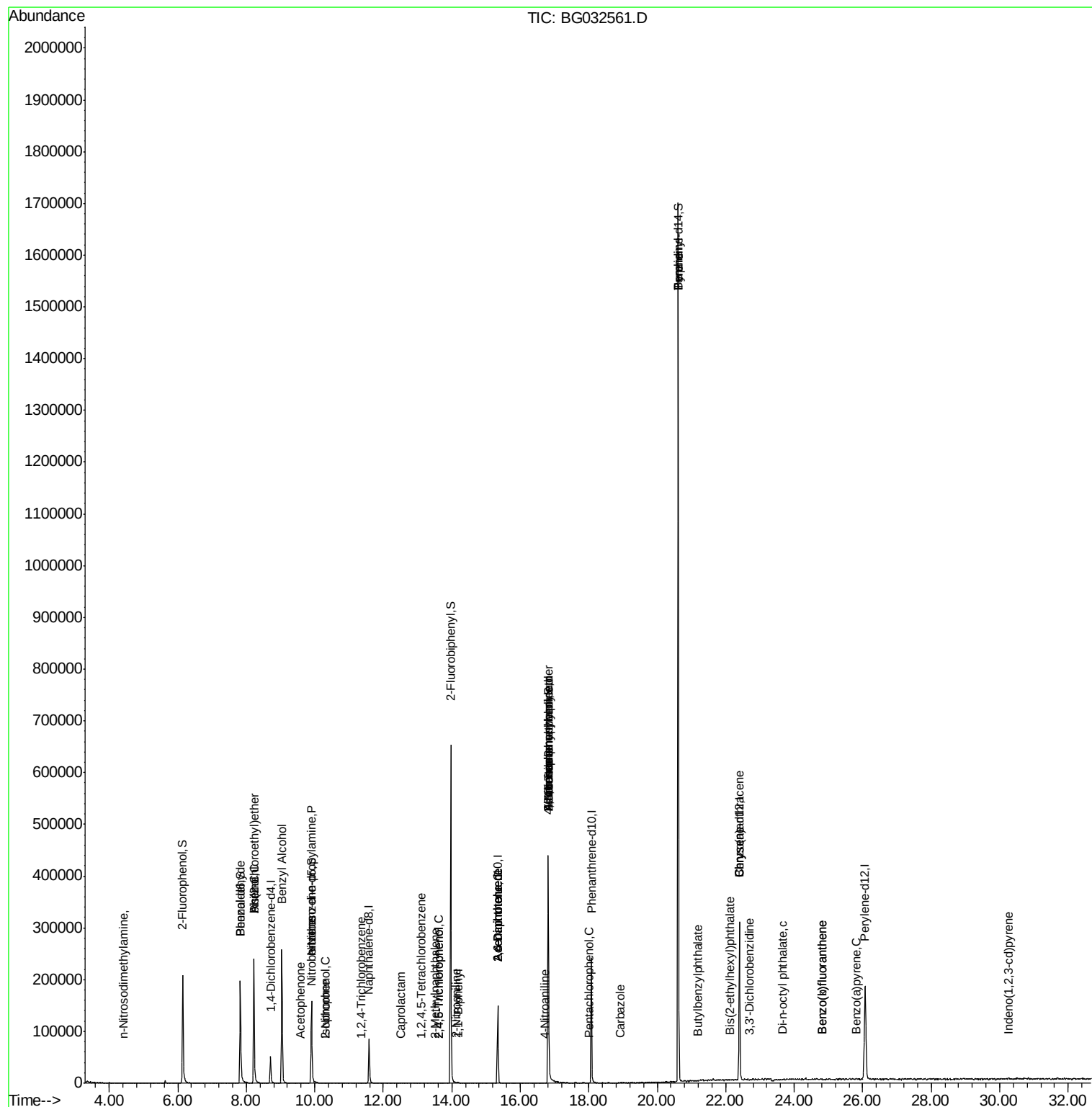
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) 3,3'-Dichlorobenzidine	22.69	252	57	0.010	ng	# 26
82) Chrysene	22.40	228	520	0.037	ng	# 49
83) Bis(2-ethylhexyl)phthalate	22.14	149	79	0.012	ng	# 50
84) Di-n-octyl phthalate	23.66	149	55	0.005	ng	# 74
85) Indeno(1,2,3-cd)pyrene	30.26	276	75	0.004	ng	# 53
87) Benzo(b)fluoranthene	24.80	252	63	0.004	ng	# 59
88) Benzo(k)fluoranthene	24.80	252	63	0.004	ng	# 60
89) Benzo(a)pyrene	25.82	252	129	0.009	ng	# 59

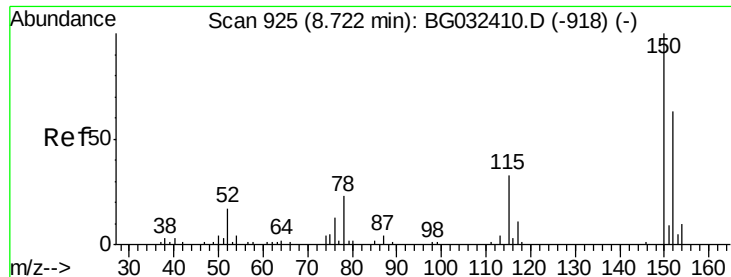
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG020518\
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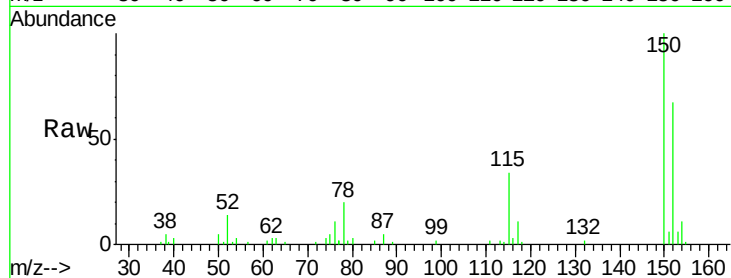


#1

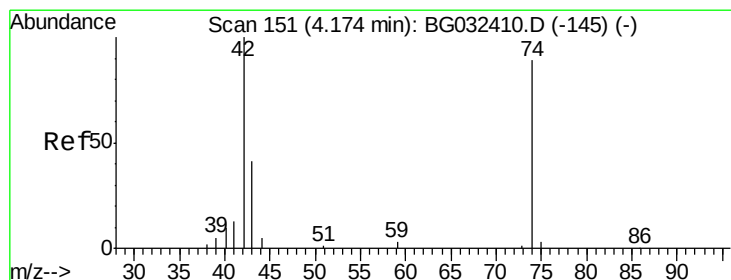
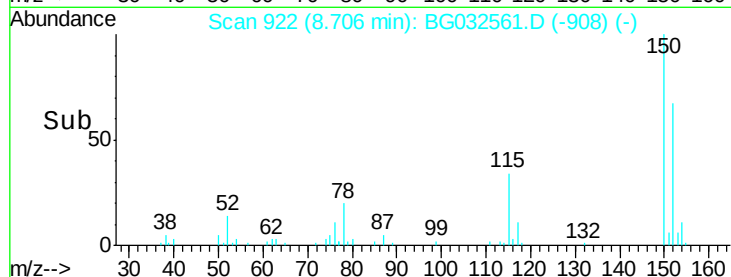
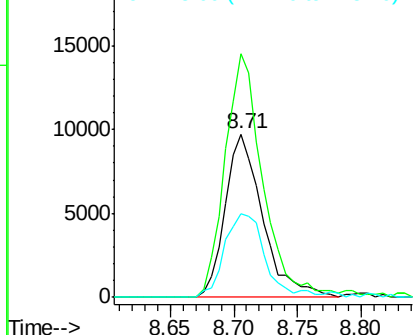
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 922
Delta R.T. -0.02 min
Lab File: BG032561.D
Acq: 6 Feb 2018 8:10

Instrument :
BNA_G
ClientSampleId :
PB106290BL

Tgt Ion:152 Resp: 19932
Ion Ratio Lower Upper
152 100
150 149.2 126.6 189.8
115 51.4 53.0 79.4#



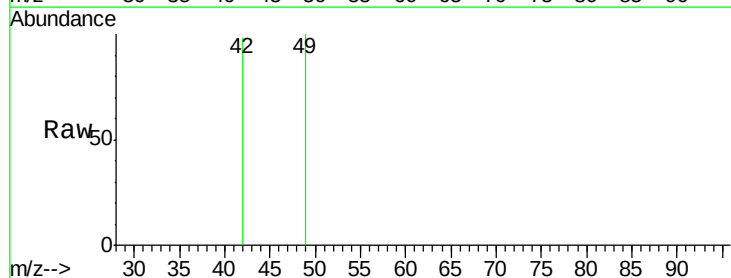
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



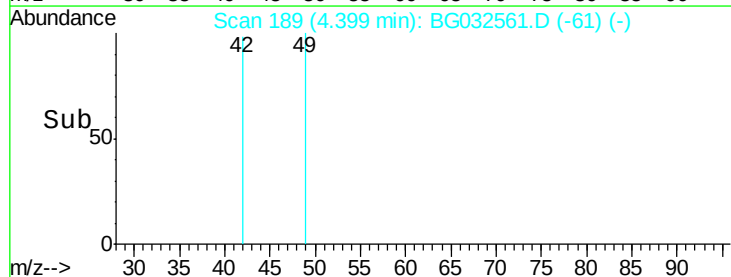
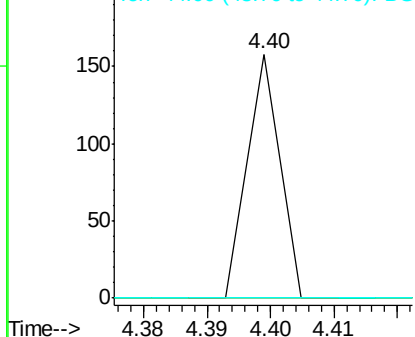
#4

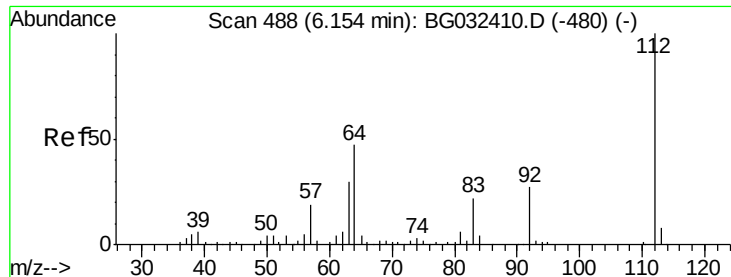
n-Nitrosodimethylamine
Concen: 0.119 ng
RT: 4.40 min Scan# 189
Delta R.T. 0.22 min
Lab File: BG032561.D
Acq: 6 Feb 2018 8:10

Tgt Ion: 42 Resp: 56
Ion Ratio Lower Upper
42 100
74 0.0 102.5 153.7#
44 0.0 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: 124.313 ng

RT: 6.15 min Scan# 487

Delta R.T. -0.00 min

Lab File: BG032561.D

Acq: 6 Feb 2018 8:10

Instrument :

BNA_G

ClientSampleId :

PB106290BL

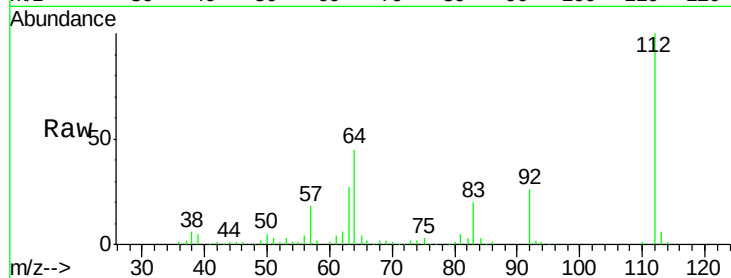
Tgt Ion: 112 Resp: 123363

Ion Ratio Lower Upper

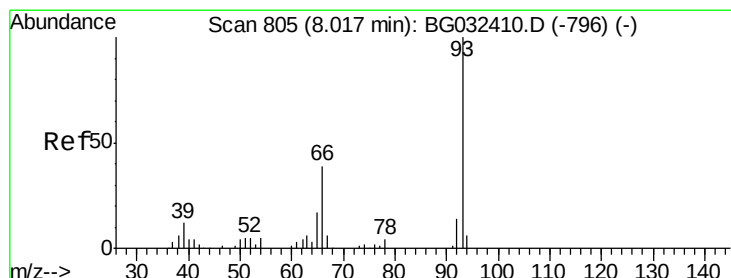
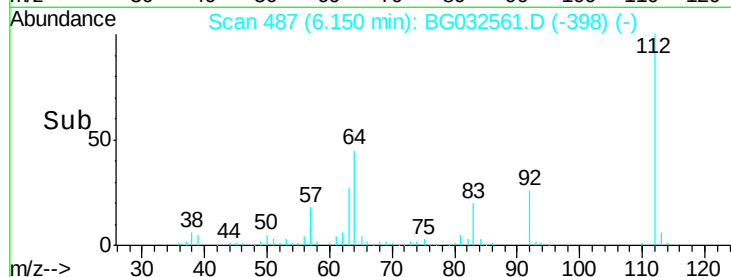
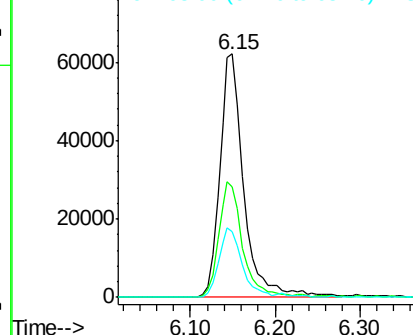
112 100

64 45.5 56.3 84.5#

63 27.0 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.035 ng

RT: 8.22 min Scan# 840

Delta R.T. 0.21 min

Lab File: BG032561.D

Acq: 6 Feb 2018 8:10

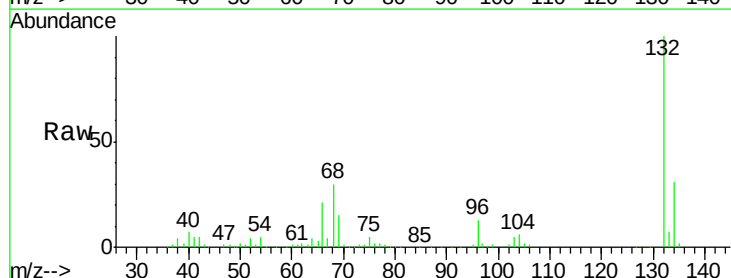
Tgt Ion: 93 Resp: 57

Ion Ratio Lower Upper

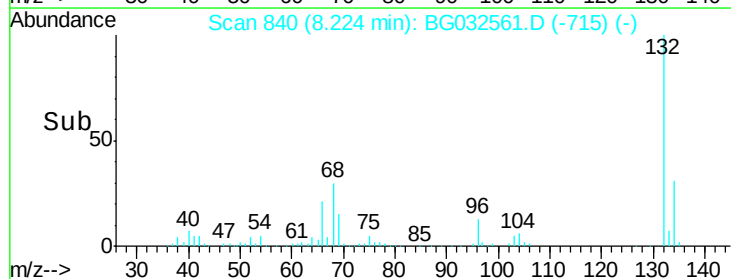
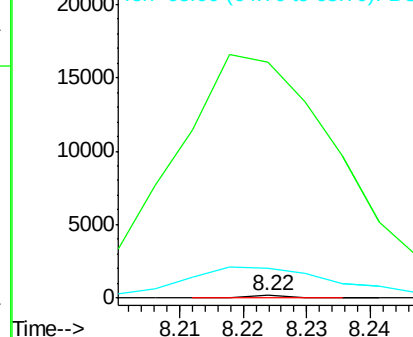
93 100

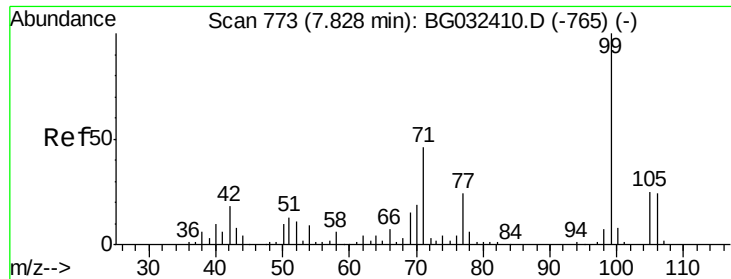
66 9828.2 33.7 50.5#

65 1257.1 16.1 24.1#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 110.598 ng

RT: 7.82 min Scan# 772

Delta R.T. -0.00 min

Lab File: BG032561.D

Acq: 6 Feb 2018 8:10

Instrument :

BNA_G

ClientSampleId :

PB106290BL

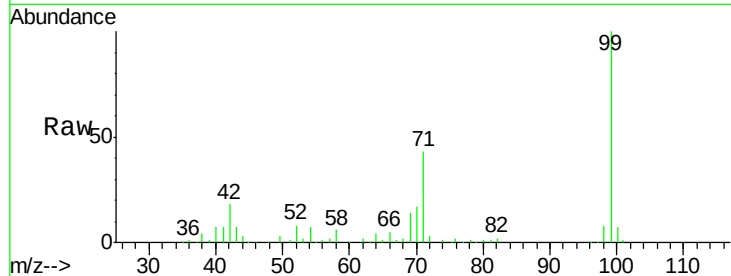
Tgt Ion: 99 Resp: 146455

Ion Ratio Lower Upper

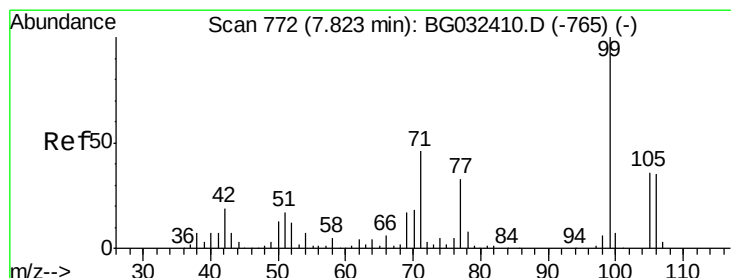
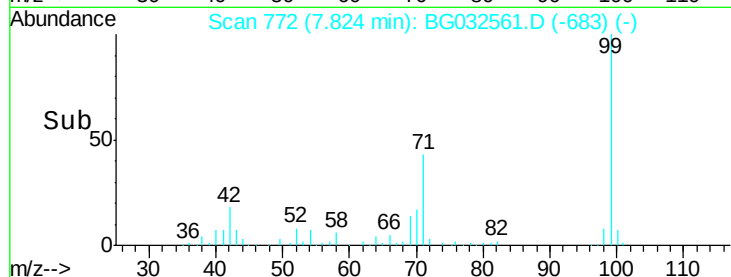
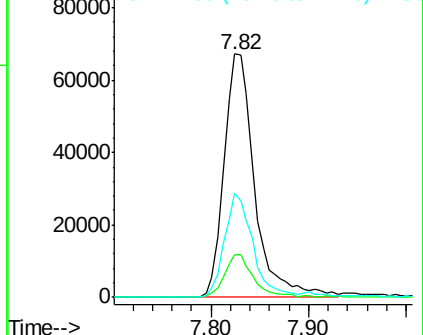
99 100

42 17.8 14.1 21.1

71 42.7 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



#9

Benzaldehyde

Concen: 0.379 ng

RT: 7.83 min Scan# 773

Delta R.T. 0.01 min

Lab File: BG032561.D

Acq: 6 Feb 2018 8:10

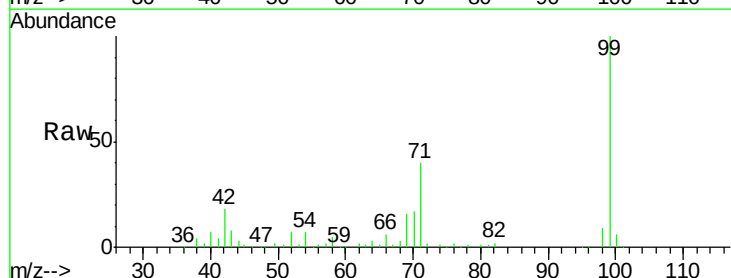
Tgt Ion: 77 Resp: 259

Ion Ratio Lower Upper

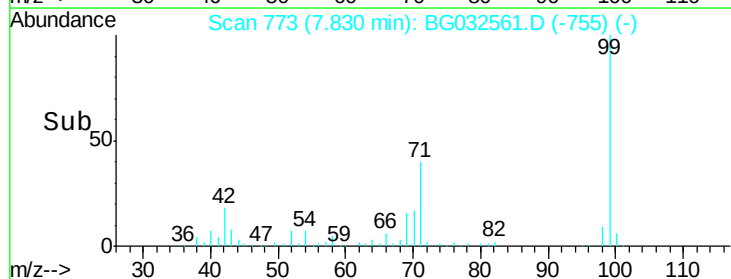
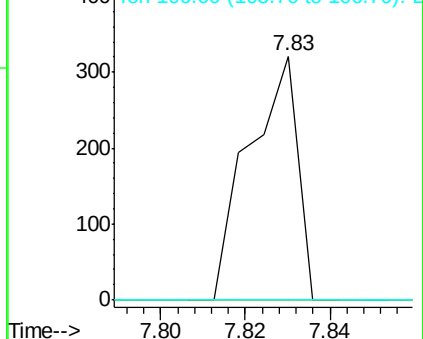
77 100

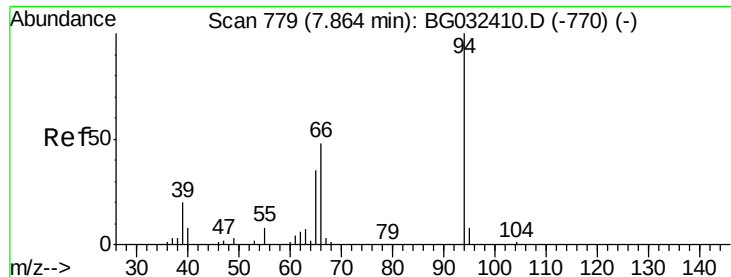
105 0.0 71.3 111.3#

106 0.0 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: 0.075 ng

RT: 8.22 min Scan# 839

Delta R.T. 0.35 min

Lab File: BG032561.D

Acq: 6 Feb 2018 8:10

Instrument :

BNA_G

ClientSampleId :

PB106290BL

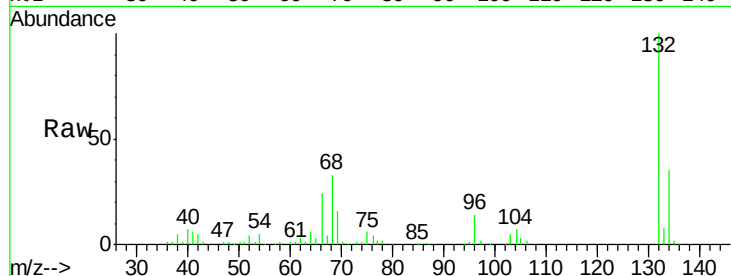
Tgt Ion: 94 Resp: 94

Ion Ratio Lower Upper

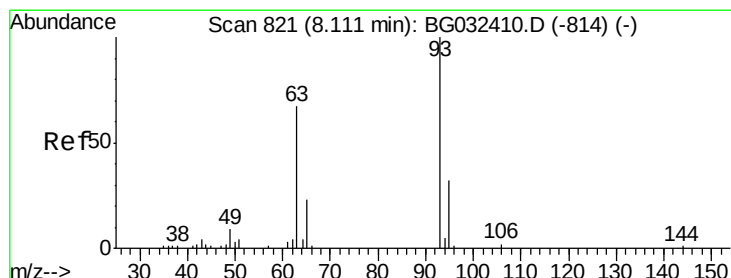
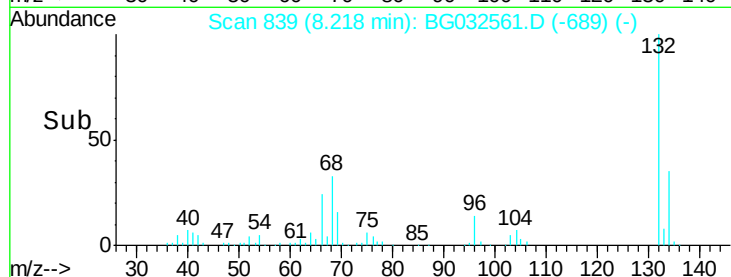
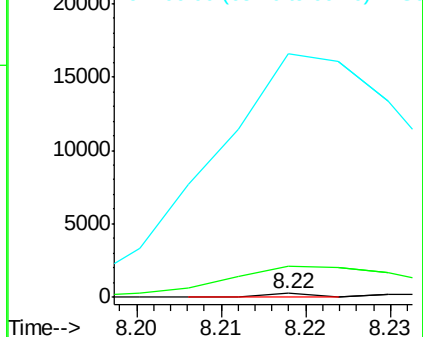
94 100

65 801.5 11.9 51.9#

66 6205.2 22.2 62.2#



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



#11

bis(2-Chloroethyl)ether

Concen: 0.059 ng

RT: 8.22 min Scan# 840

Delta R.T. 0.11 min

Lab File: BG032561.D

Acq: 6 Feb 2018 8:10

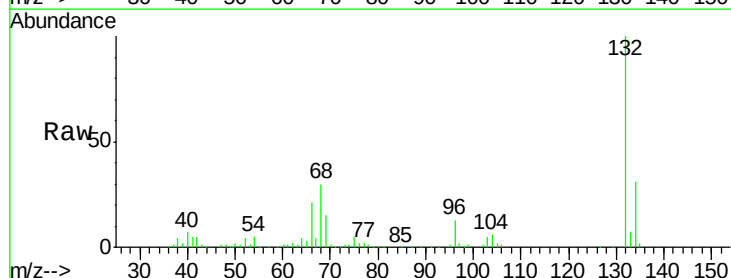
Tgt Ion: 93 Resp: 57

Ion Ratio Lower Upper

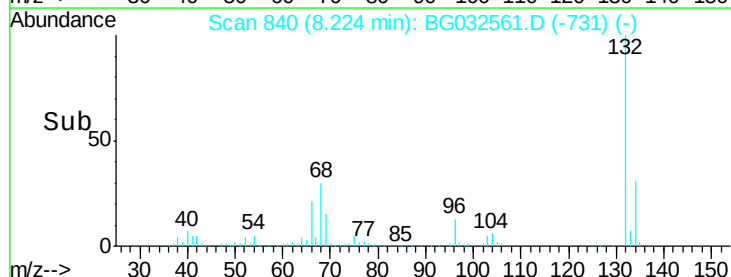
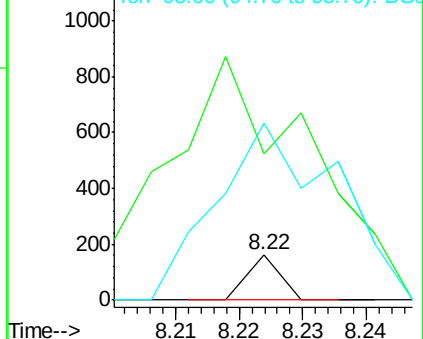
93 100

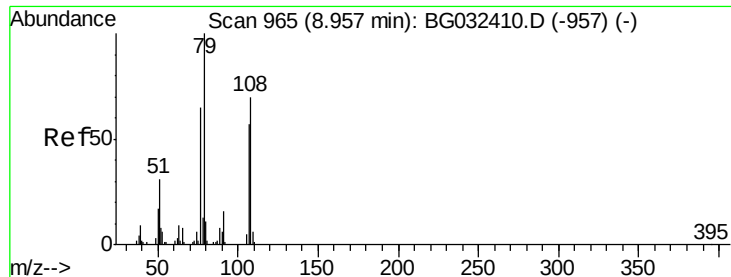
63 321.5 67.1 107.1#

95 388.3 11.5 51.5#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC





#15

Benzyl Alcohol

Concen: 2.030 ng

RT: 9.05 min Scan# 980

Delta R.T. 0.09 min

Lab File: BG032561.D

Acq: 6 Feb 2018 8:10

Instrument :

BNA_G

ClientSampleId :

PB106290BL

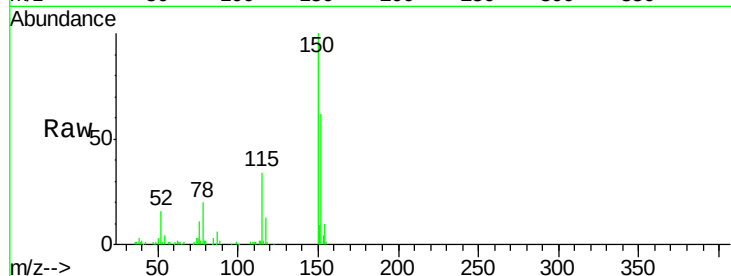
Tgt Ion: 79 Resp: 2216

Ion Ratio Lower Upper

79 100

108 39.9 57.2 85.8#

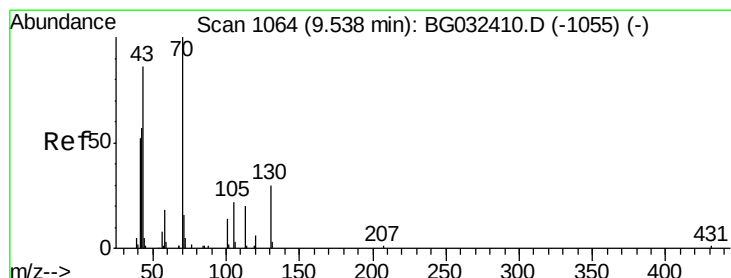
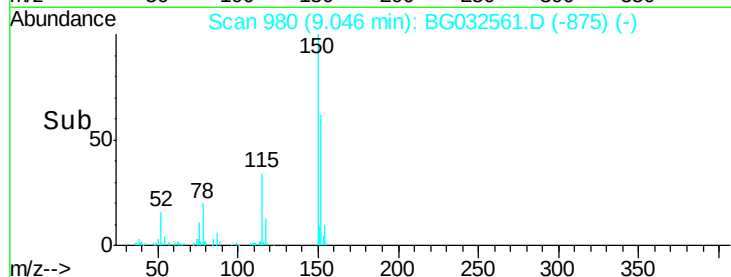
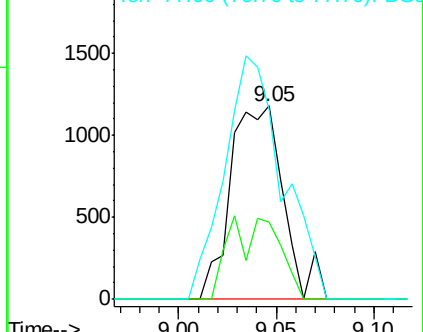
77 98.3 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 17.987 ng

RT: 9.90 min Scan# 1126

Delta R.T. 0.37 min

Lab File: BG032561.D

Acq: 6 Feb 2018 8:10

Tgt Ion: 70 Resp: 15793

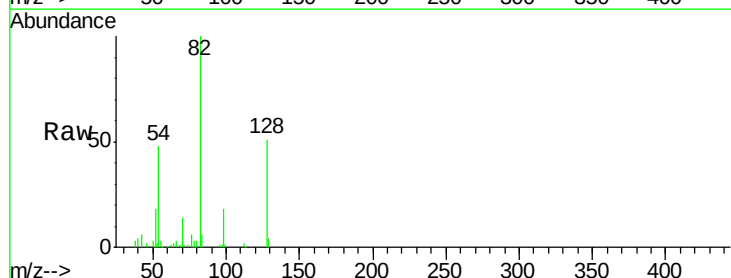
Ion Ratio Lower Upper

70 100

42 43.4 49.1 73.7#

101 0.0 8.5 12.7#

130 0.0 13.4 20.0#

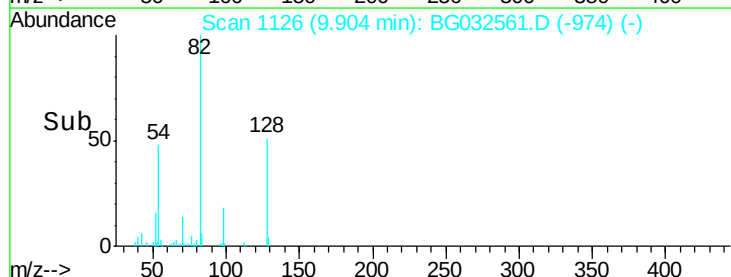
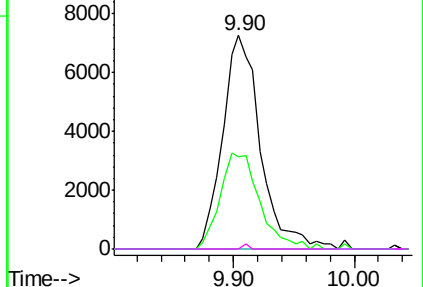


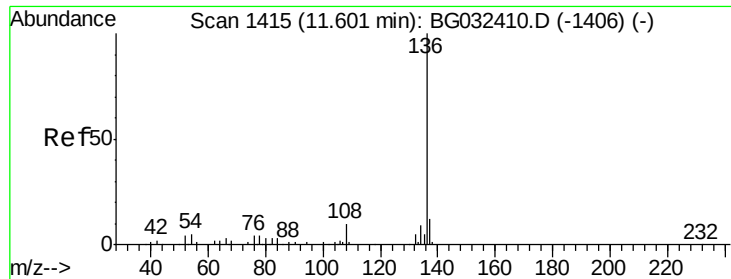
Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

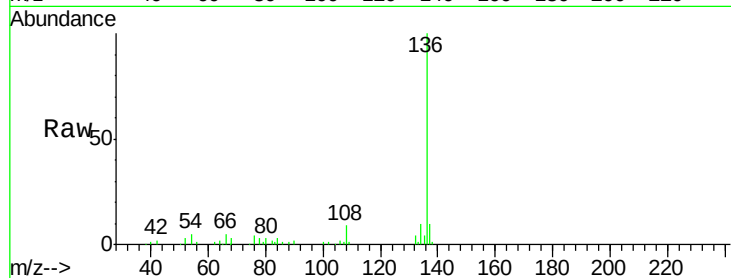




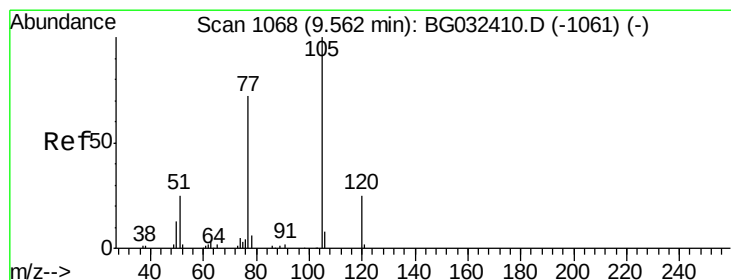
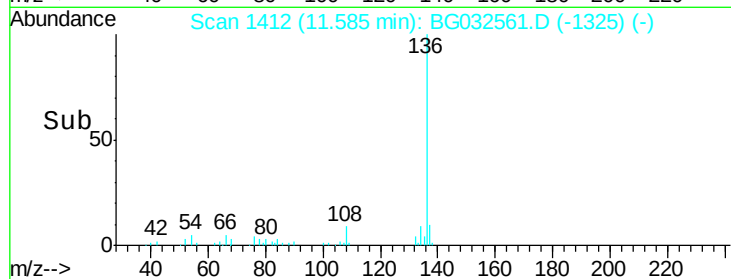
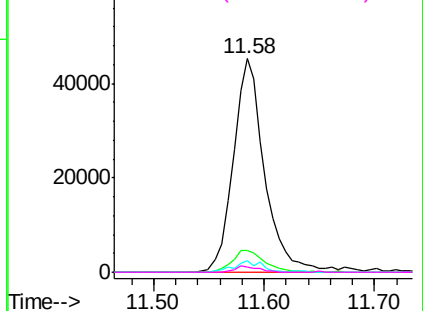
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.58 min Scan# 1412
Delta R.T. -0.02 min
Lab File: BG032561.D
Acq: 6 Feb 2018 8:10

Instrument :
BNA_G
ClientSampleId :
PB106290BL

Tgt Ion:	136	Resp:	89825
Ion Ratio	Lower	Upper	
136	100		
137	10.0	9.2	13.8
54	5.4	10.3	15.5#
68	2.6	4.5	6.7#

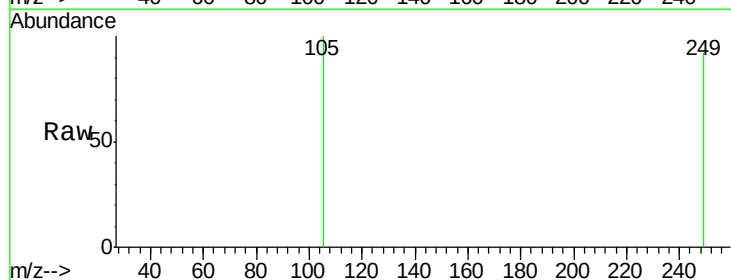


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

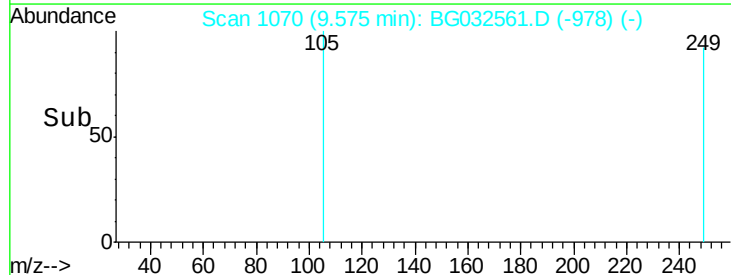
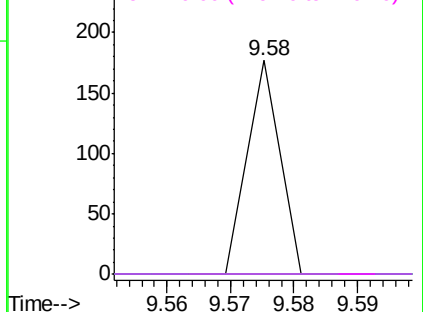


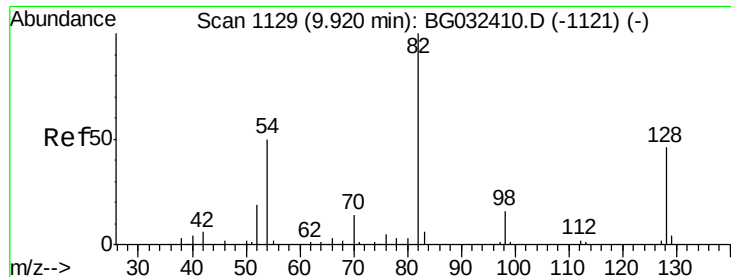
#22
Acetophenone
Concen: 0.029 ng
RT: 9.58 min Scan# 1070
Delta R.T. 0.01 min
Lab File: BG032561.D
Acq: 6 Feb 2018 8:10

Tgt Ion:	105	Resp:	62
Ion Ratio	Lower	Upper	
105	100		
71	0.0	3.0	4.4#
51	0.0	26.1	39.1#
120	0.0	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

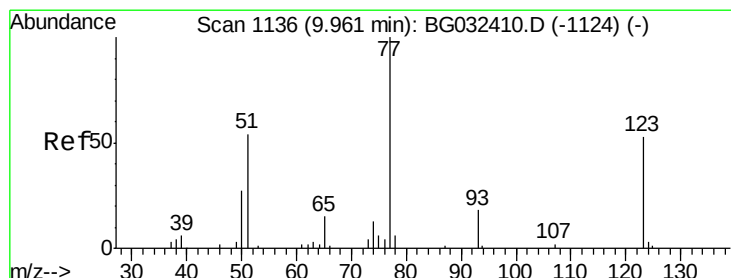
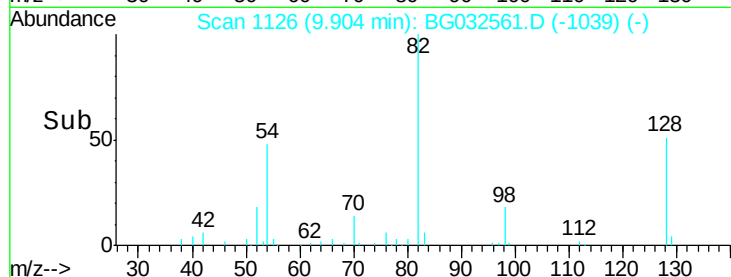
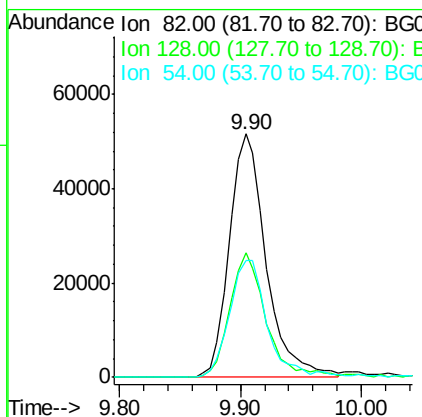
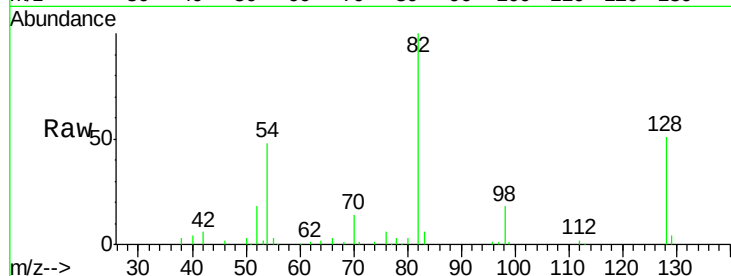




#23
 Nitrobenzene-d5
 Concen: 76.191 ng
 RT: 9.90 min Scan# 1126
 Delta R.T. -0.02 min
 Lab File: BG032561.D
 Acq: 6 Feb 2018 8:10

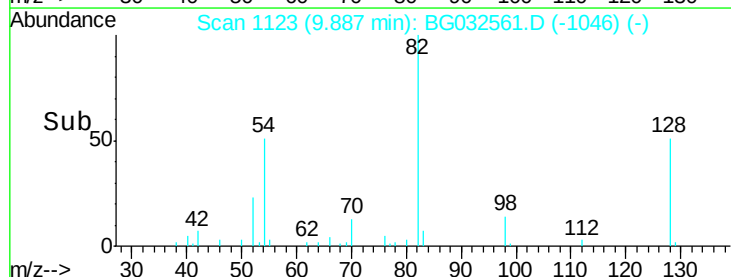
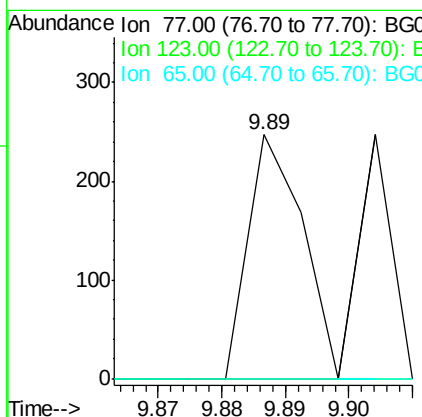
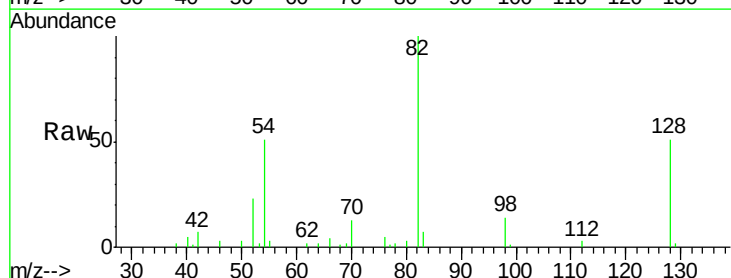
Instrument :
 BNA_G
 ClientSampleId :
 PB106290BL

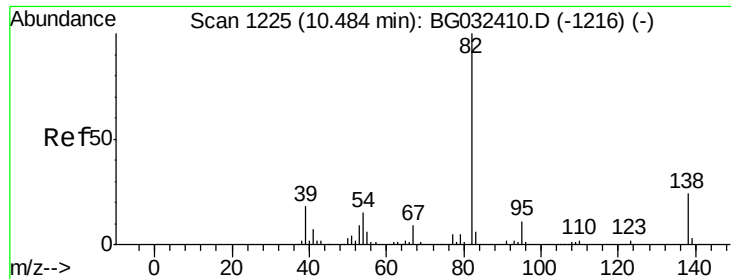
Tgt Ion: 82 Resp: 109571
 Ion Ratio Lower Upper
 82 100
 128 51.2 29.7 44.5#
 54 47.9 43.1 64.7



#24
 Nitrobenzene
 Concen: 0.105 ng
 RT: 9.89 min Scan# 1123
 Delta R.T. -0.07 min
 Lab File: BG032561.D
 Acq: 6 Feb 2018 8:10

Tgt Ion: 77 Resp: 146
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.0 49.6#
 65 0.0 13.0 19.6#





#25

Isophorone

Concen: 0.067 ng

RT: 10.33 min Scan# 1198

Delta R.T. -0.16 min

Lab File: BG032561.D

Acq: 6 Feb 2018 8:10

Instrument :

BNA_G

ClientSampleId :

PB106290BL

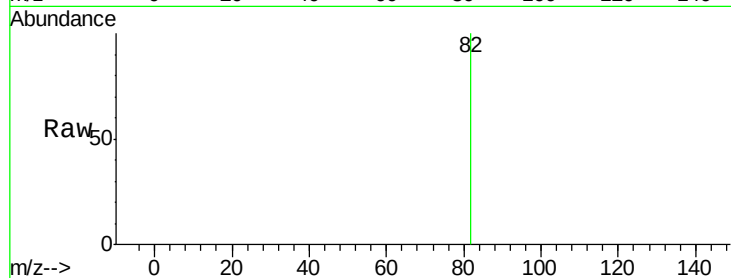
Tgt Ion: 82 Resp: 164

Ion Ratio Lower Upper

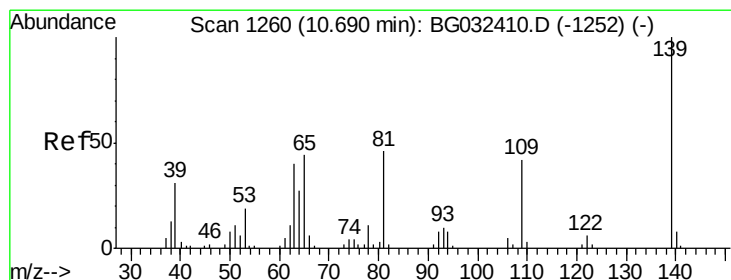
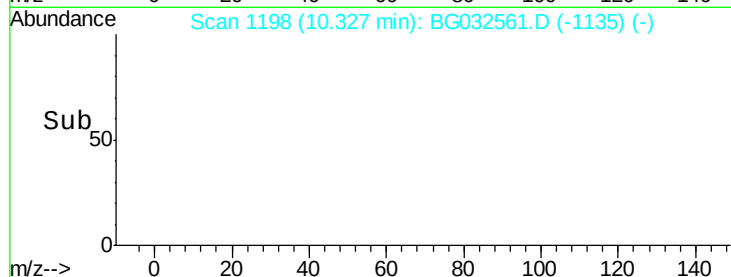
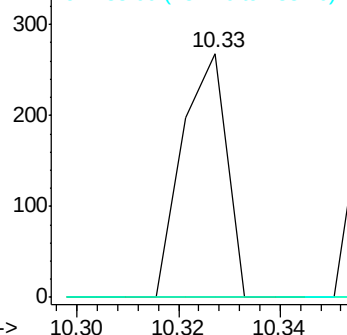
82 100

95 0.0 6.2 9.2#

138 0.0 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: 0.075 ng

RT: 10.32 min Scan# 1197

Delta R.T. -0.37 min

Lab File: BG032561.D

Acq: 6 Feb 2018 8:10

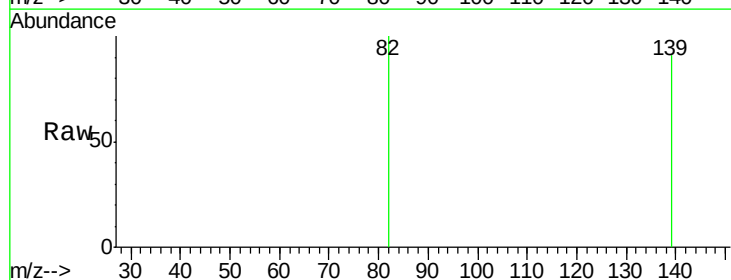
Tgt Ion: 139 Resp: 63

Ion Ratio Lower Upper

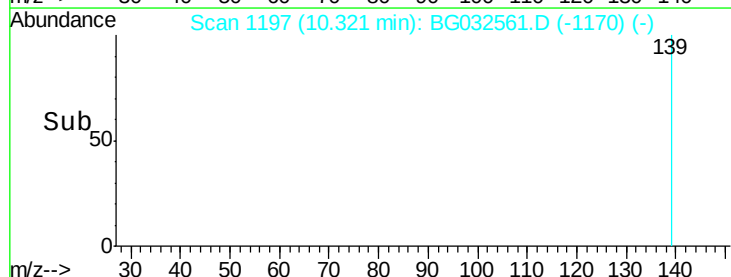
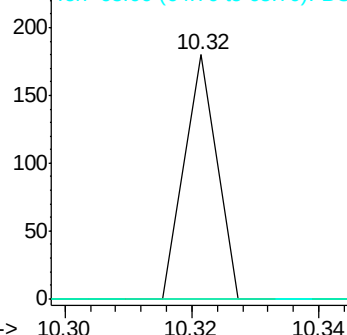
139 100

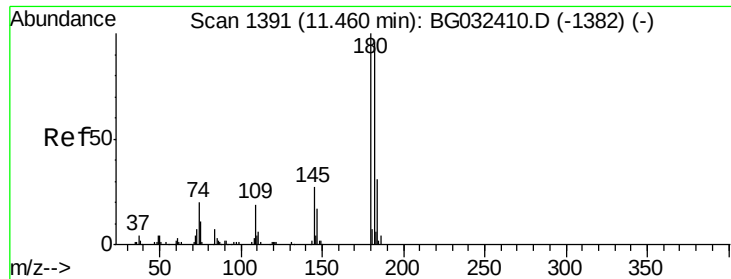
109 0.0 24.2 36.2#

65 0.0 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

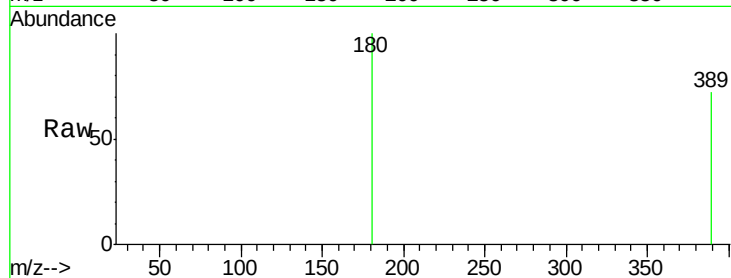




#30
 1,2,4-Trichlorobenzene
 Concen: 0.038 ng
 RT: 11.36 min Scan# 1373
 Delta R.T. -0.10 min
 Lab File: BG032561.D
 Acq: 6 Feb 2018 8:10

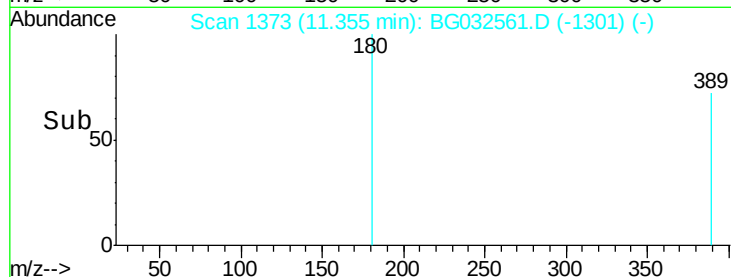
Instrument :
 BNA_G
 ClientSampleId :
 PB106290BL

Tgt Ion:180 Resp: 81
 Ion Ratio Lower Upper
 180 100
 182 0.0 77.5 116.3#
 145 0.0 23.4 35.2#

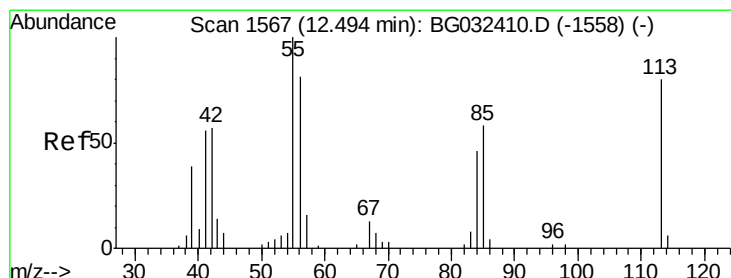


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

11.36

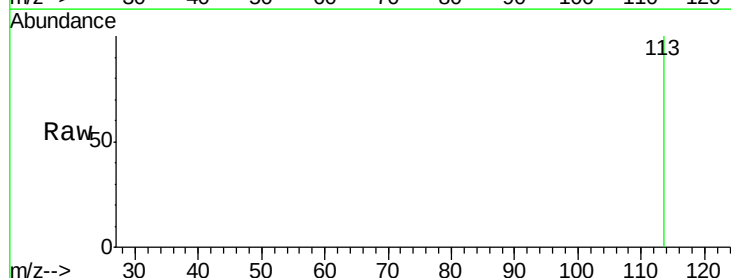


Time-->



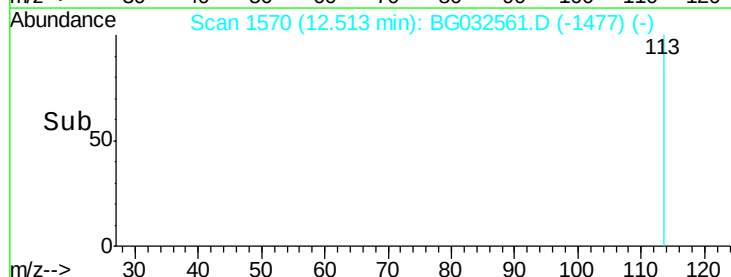
#35
 Caprolactam
 Concen: 0.150 ng
 RT: 12.51 min Scan# 1570
 Delta R.T. 0.02 min
 Lab File: BG032561.D
 Acq: 6 Feb 2018 8:10

Tgt Ion:113 Resp: 69
 Ion Ratio Lower Upper
 113 100
 55 0.0 186.9 226.9#
 56 0.0 130.9 170.9#

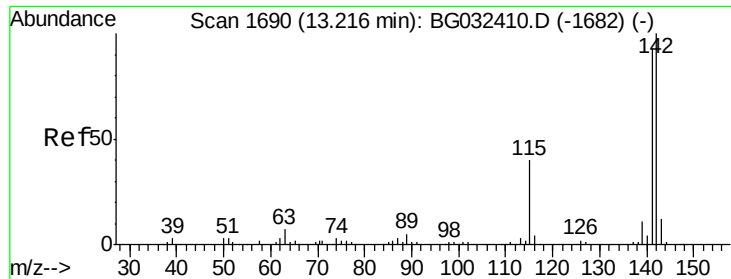


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BGC
 Ion 56.00 (55.70 to 56.70): BGC

12.51



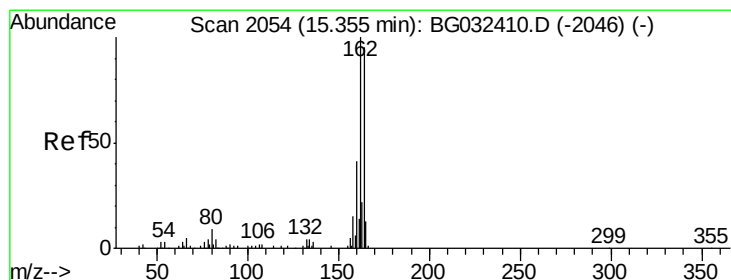
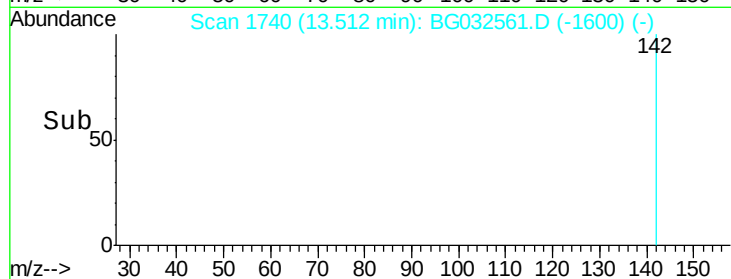
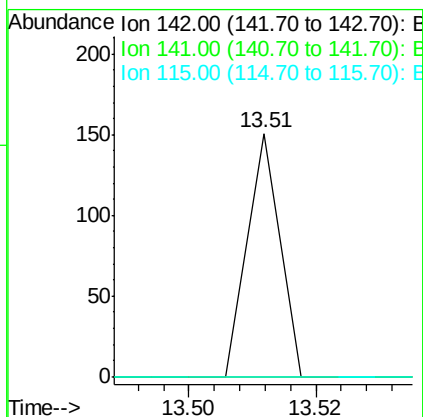
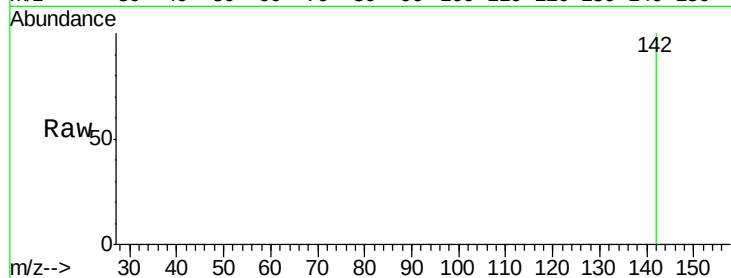
Time-->



#37
 2-Methylnaphthalene
 Concen: 0.014 ng
 RT: 13.51 min Scan# 1740
 Delta R.T. 0.30 min
 Lab File: BG032561.D
 Acq: 6 Feb 2018 8:10

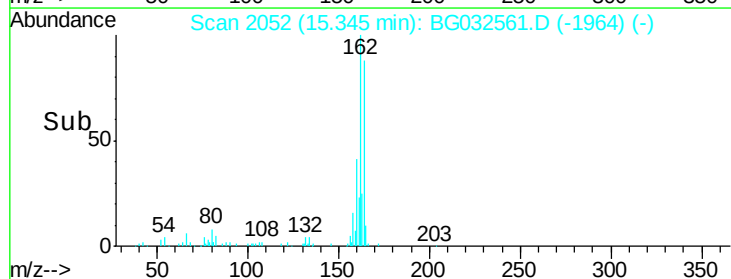
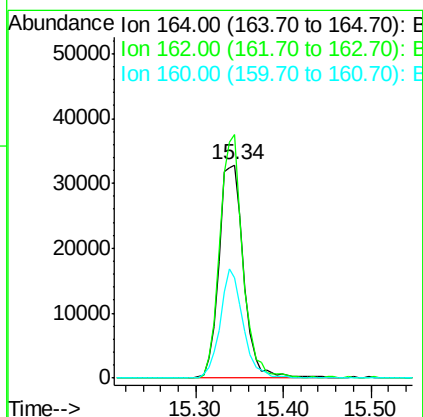
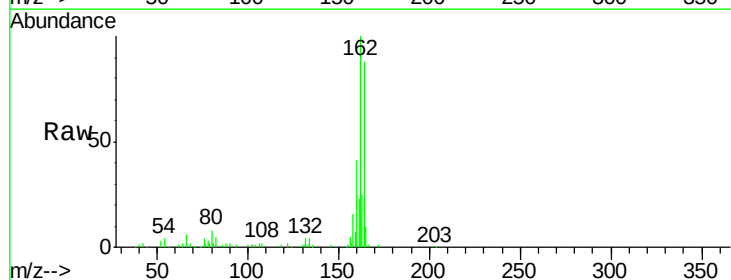
Instrument :
 BNA_G
 ClientSampleId :
 PB106290BL

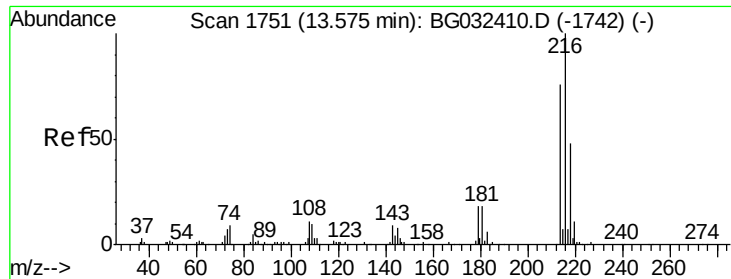
Tgt Ion:142 Resp: 53
 Ion Ratio Lower Upper
 142 100
 141 0.0 67.1 100.7#
 115 0.0 30.7 46.1#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.34 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BG032561.D
 Acq: 6 Feb 2018 8:10

Tgt Ion:164 Resp: 64241
 Ion Ratio Lower Upper
 164 100
 162 114.1 78.8 118.2
 160 47.0 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 0.018 ng

RT: 13.11 min Scan# 1672

Delta R.T. -0.46 min

Lab File: BG032561.D

Acq: 6 Feb 2018 8:10

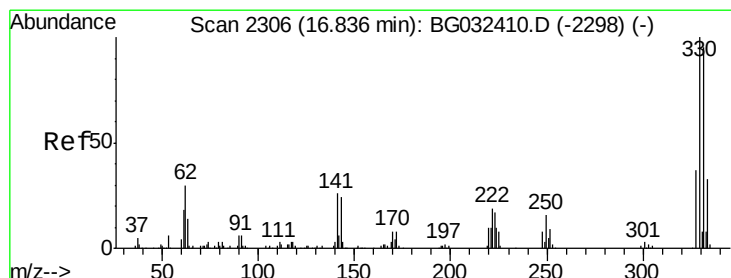
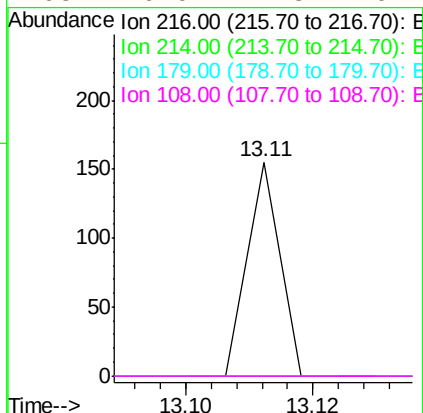
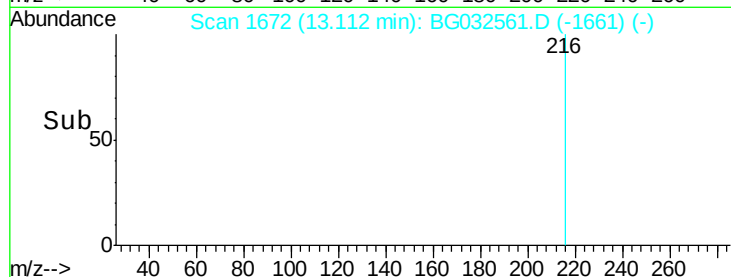
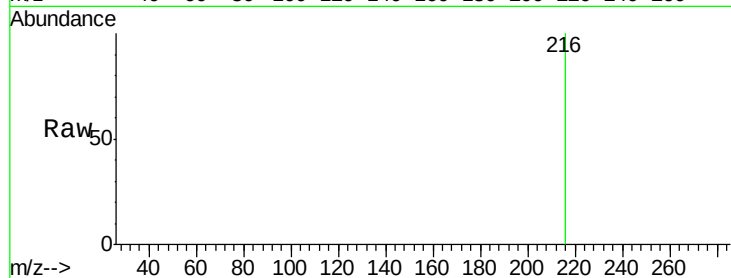
Instrument :

BNA_G

ClientSampleId :

PB106290BL

Tgt Ion:	216	Resp:	55
Ion	Ratio	Lower	Upper
216	100		
214	0.0	63.0	94.4#
179	0.0	17.0	25.6#
108	0.0	12.8	19.2#



#41

2,4,6-Tribromophenol

Concen: 104.147 ng

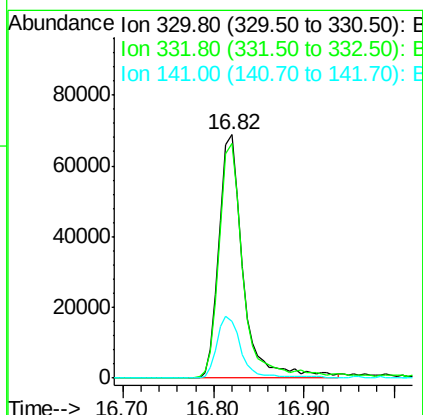
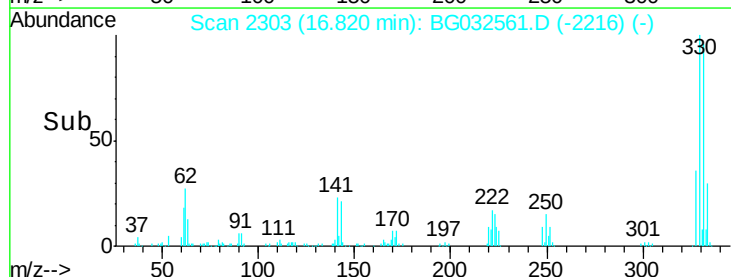
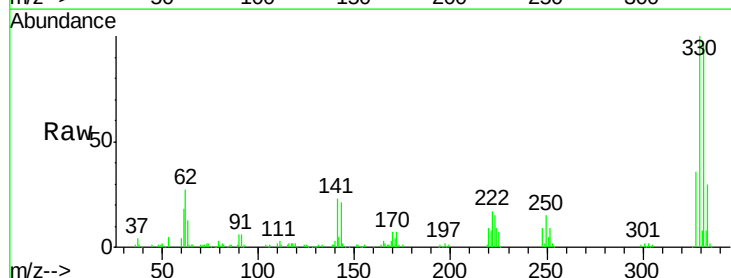
RT: 16.82 min Scan# 2303

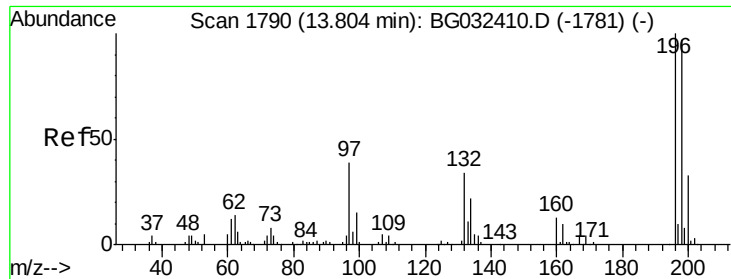
Delta R.T. -0.02 min

Lab File: BG032561.D

Acq: 6 Feb 2018 8:10

Tgt Ion:	330	Resp:	127354
Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	24.9	25.2	37.8#

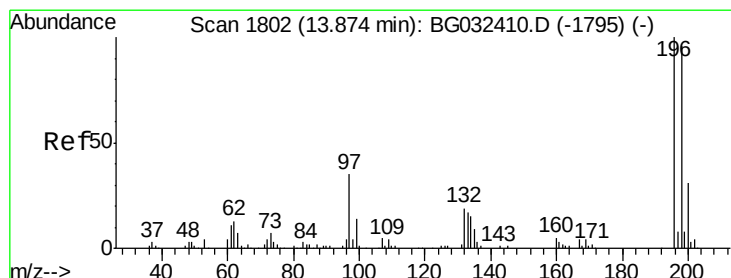
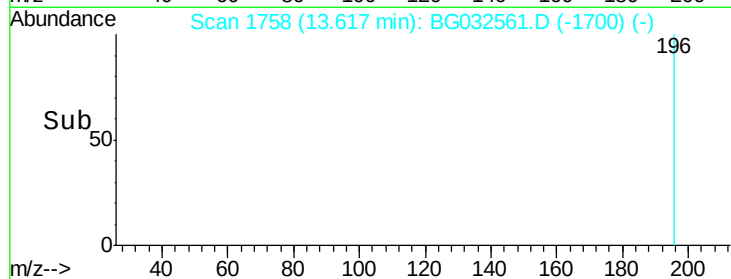
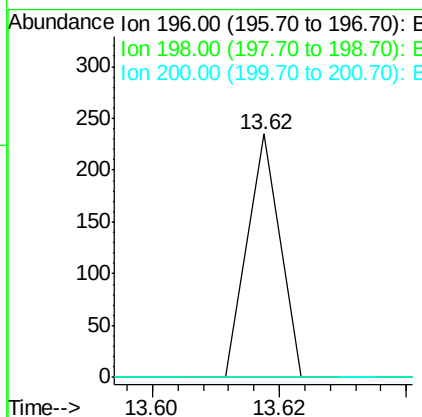
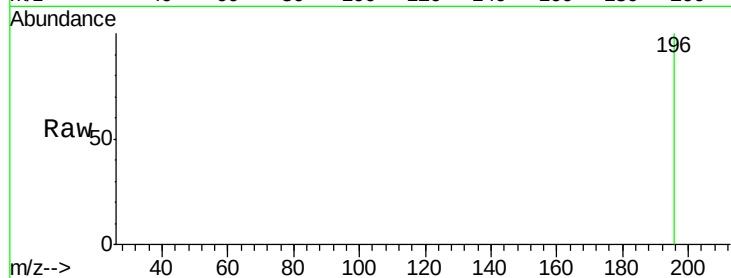




#42
 2,4,6-Trichlorophenol
 Concen: 0.051 ng
 RT: 13.62 min Scan# 1758
 Delta R.T. -0.19 min
 Lab File: BG032561.D
 Acq: 6 Feb 2018 8:10

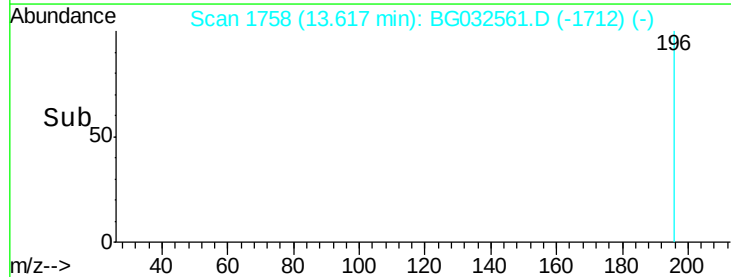
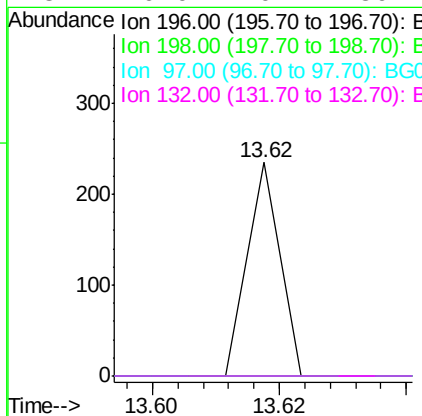
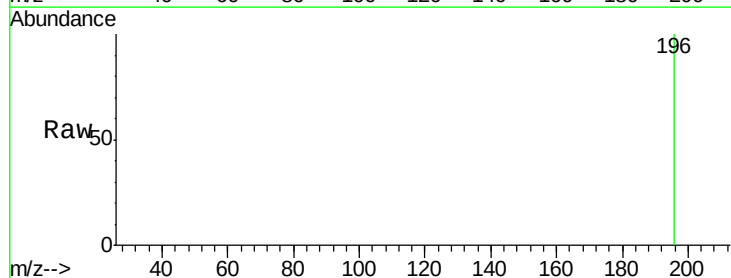
Instrument :
 BNA_G
 ClientSampleId :
 PB106290BL

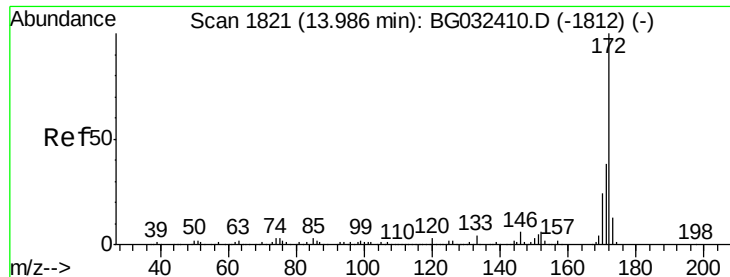
Tgt Ion	Ratio	Lower	Upper
196	100		
198	0.0	78.2	117.2#
200	0.0	24.6	36.8#



#43
 2,4,5-Trichlorophenol
 Concen: 0.044 ng
 RT: 13.62 min Scan# 1758
 Delta R.T. -0.26 min
 Lab File: BG032561.D
 Acq: 6 Feb 2018 8:10

Tgt Ion	Ratio	Lower	Upper
196	100		
198	0.0	76.2	114.4#
97	0.0	38.7	58.1#
132	0.0	20.2	30.2#

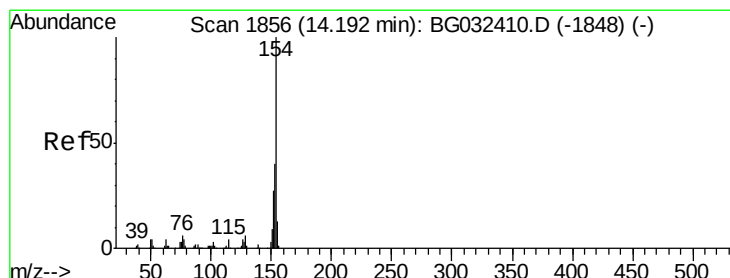
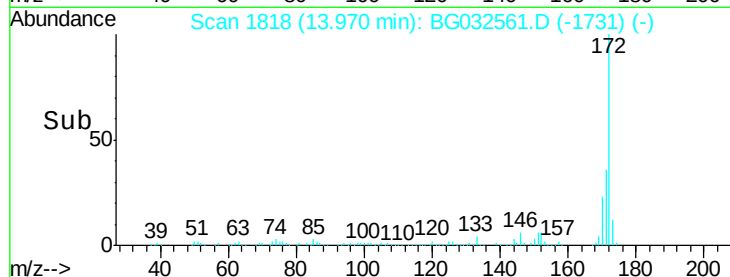
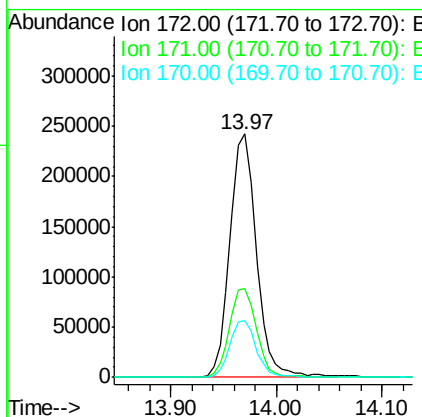
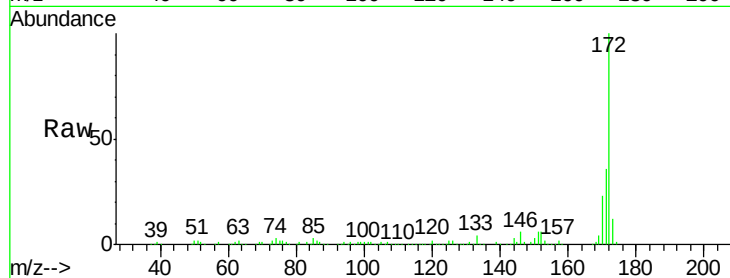




#44
 2-Fluorobiphenyl
 Concen: 78.014 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: BG032561.D
 Acq: 6 Feb 2018 8:10

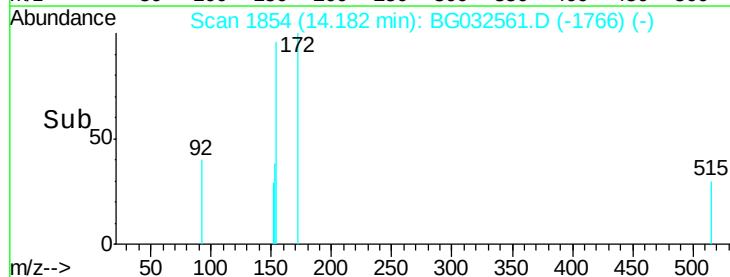
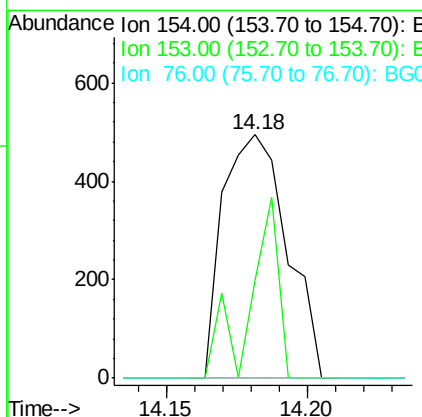
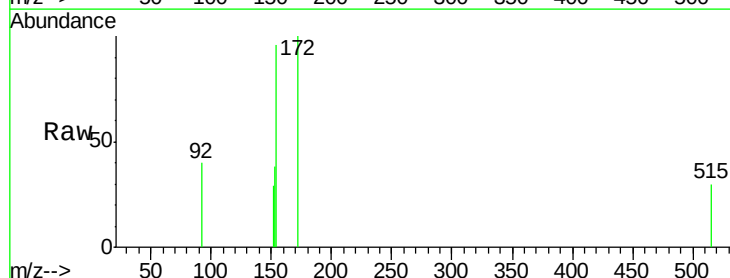
Instrument :
 BNA_G
 ClientSampleId :
 PB106290BL

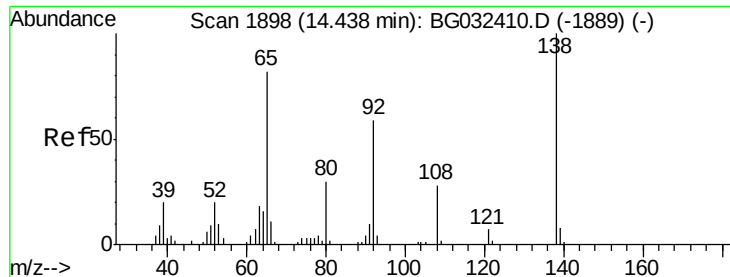
Tgt Ion:172 Resp: 421657
 Ion Ratio Lower Upper
 172 100
 171 36.3 30.0 45.0
 170 23.2 19.5 29.3



#45
 1,1'-Biphenyl
 Concen: 0.143 ng
 RT: 14.18 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BG032561.D
 Acq: 6 Feb 2018 8:10

Tgt Ion:154 Resp: 777
 Ion Ratio Lower Upper
 154 100
 153 40.0 19.8 59.8
 76 0.0 0.0 31.9

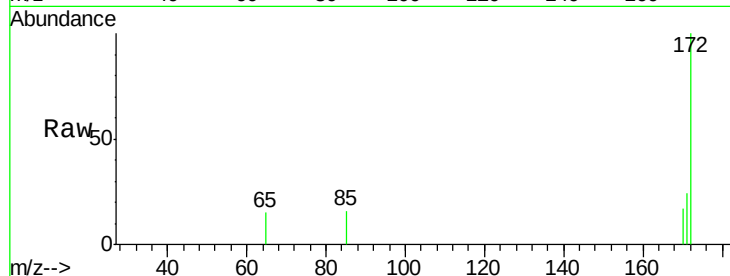




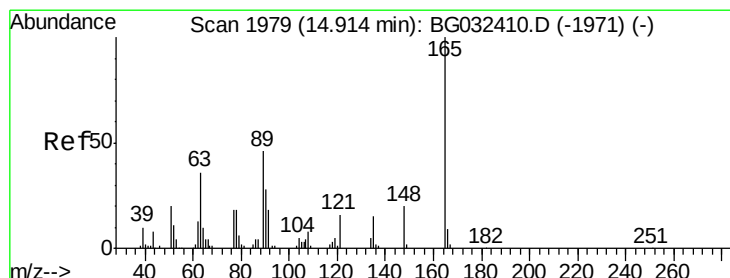
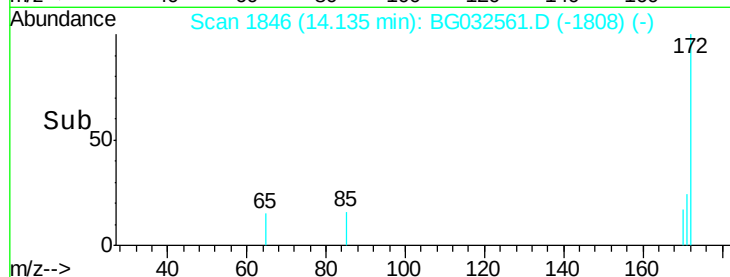
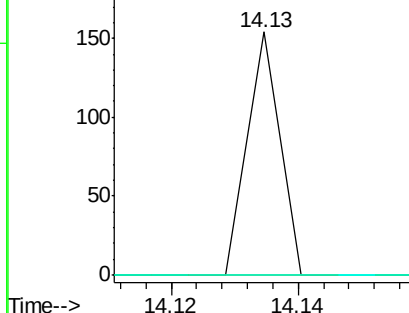
#47
 2-Nitroaniline
 Concen: 0.057 ng
 RT: 14.13 min Scan# 1846
 Delta R.T. -0.30 min
 Lab File: BG032561.D
 Acq: 6 Feb 2018 8:10

Instrument :
 BNA_G
 ClientSampleId :
 PB106290BL

Tgt Ion: 65 Resp: 54
 Ion Ratio Lower Upper
 65 100
 92 0.0 54.6 82.0#
 138 0.0 72.9 109.3#

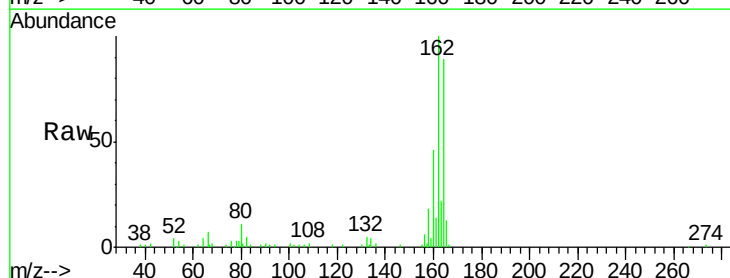


Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): BGC

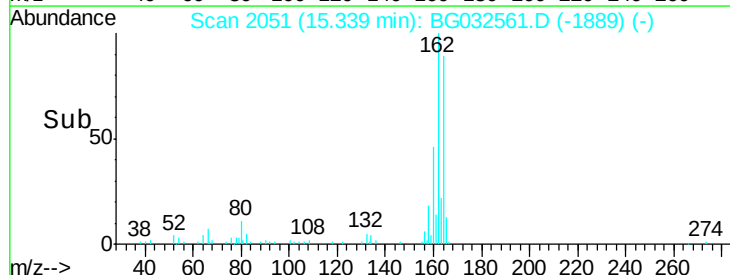
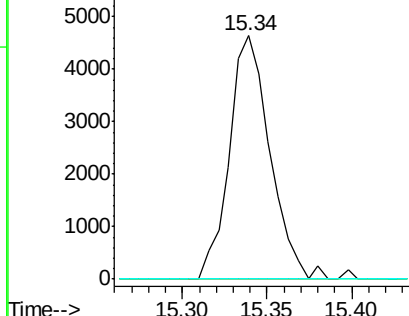


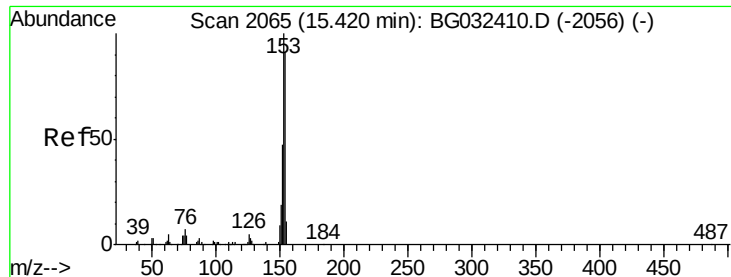
#50
 2,6-Dinitrotoluene
 Concen: 6.217 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. 0.42 min
 Lab File: BG032561.D
 Acq: 6 Feb 2018 8:10

Tgt Ion: 165 Resp: 7729
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#



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





#51

Acenaphthene

Concen: 0.012 ng

RT: 15.34 min Scan# 2052

Delta R.T. -0.07 min

Lab File: BG032561.D

Acq: 6 Feb 2018 8:10

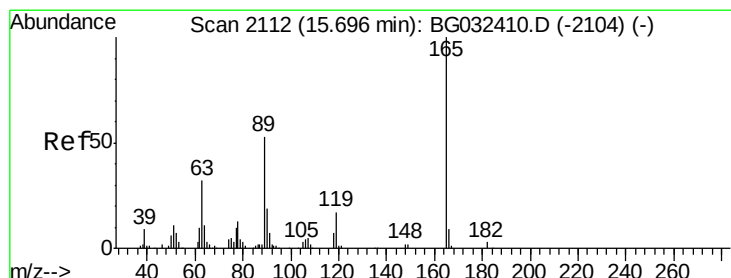
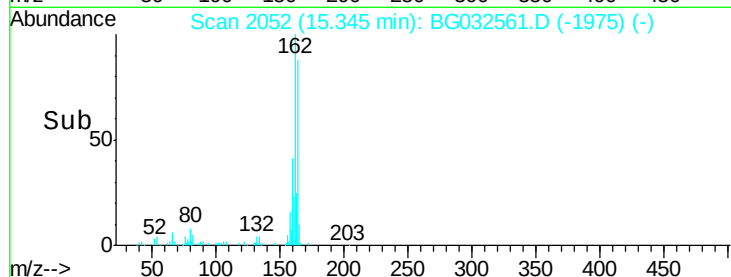
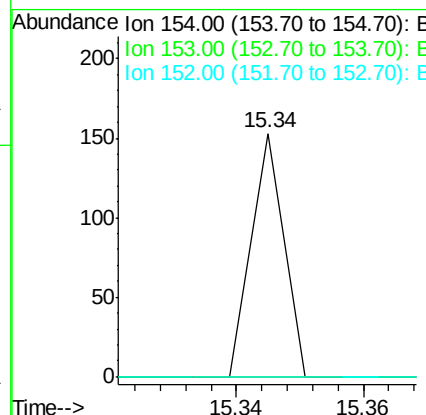
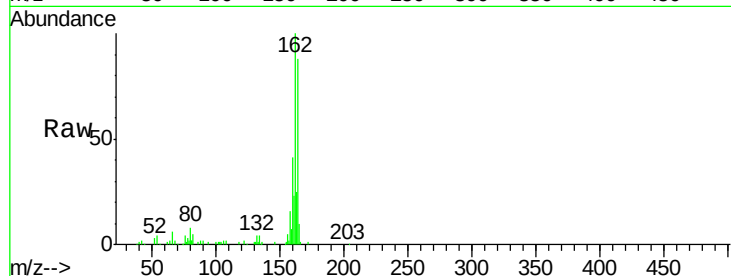
Instrument :

BNA_G

ClientSampleId :

PB106290BL

Tgt Ion:	154	Resp:	54
Ion Ratio	Lower	Upper	
154	100		
153	0.0	90.4	135.6#
152	0.0	41.6	62.4#



#56

2,4-Dinitrotoluene

Concen: 4.366 ng

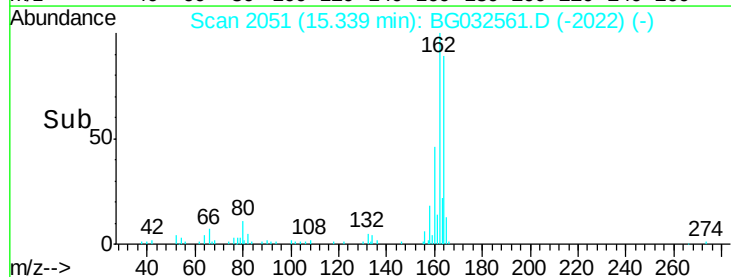
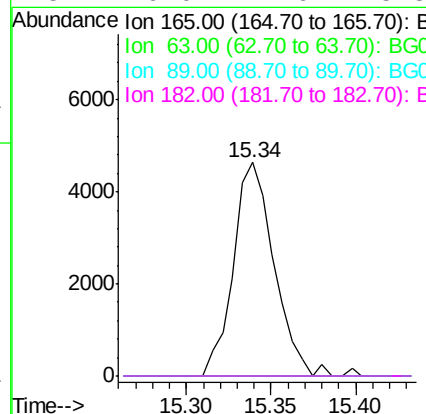
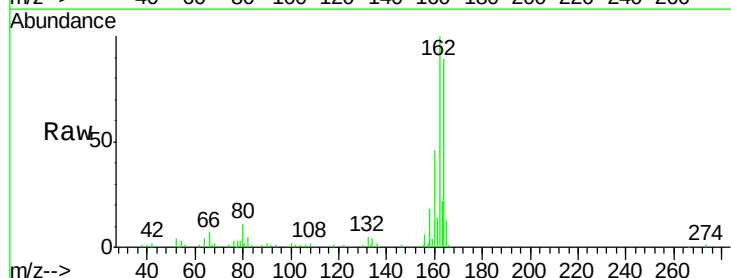
RT: 15.34 min Scan# 2051

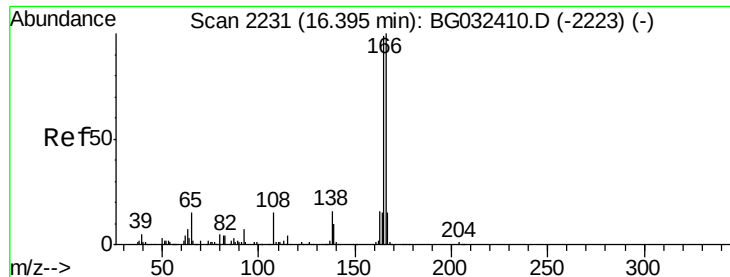
Delta R.T. -0.36 min

Lab File: BG032561.D

Acq: 6 Feb 2018 8:10

Tgt Ion:	165	Resp:	7729
Ion Ratio	Lower	Upper	
165	100		
63	0.0	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#

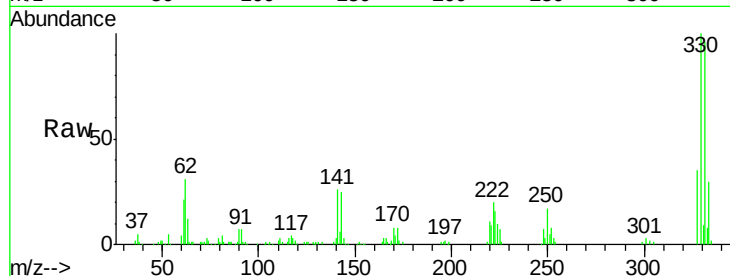




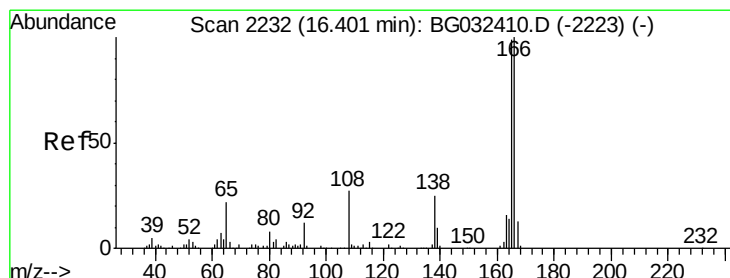
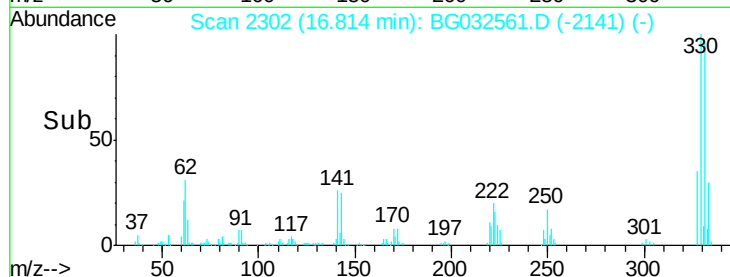
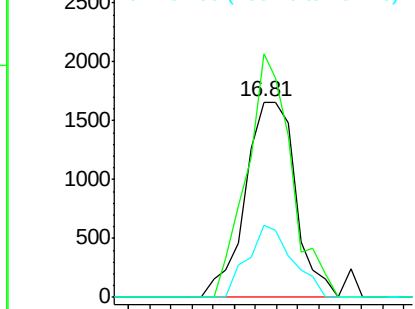
#57
 Fluorene
 Concen: 0.499 ng
 RT: 16.81 min Scan# 2302
 Delta R.T. 0.42 min
 Lab File: BG032561.D
 Acq: 6 Feb 2018 8:10

Instrument :
 BNA_G
 ClientSampleId :
 PB106290BL

Tgt Ion:166 Resp: 2736
 Ion Ratio Lower Upper
 166 100
 165 124.6 80.6 121.0#
 167 36.6 10.4 15.6#

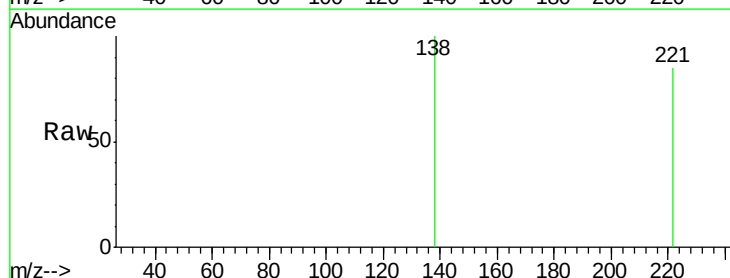


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

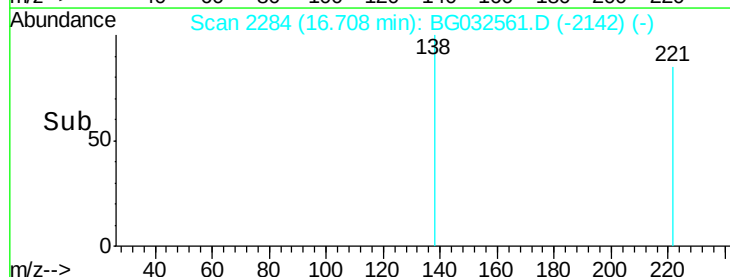
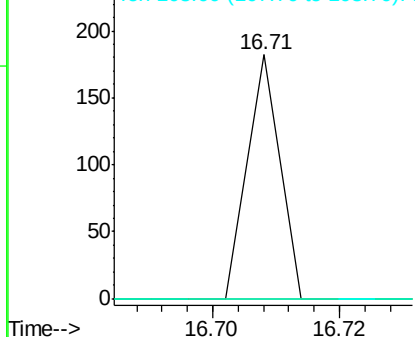


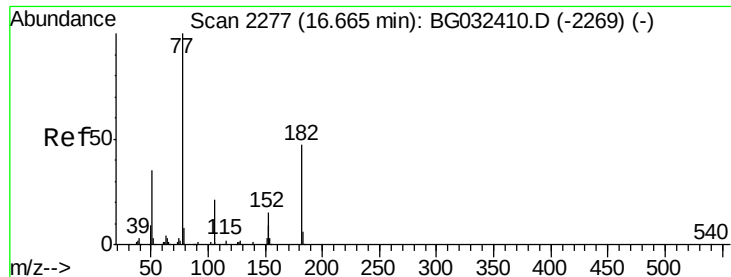
#61
 4-Nitroaniline
 Concen: 0.055 ng
 RT: 16.71 min Scan# 2284
 Delta R.T. 0.31 min
 Lab File: BG032561.D
 Acq: 6 Feb 2018 8:10

Tgt Ion:138 Resp: 64
 Ion Ratio Lower Upper
 138 100
 92 0.0 40.1 80.1#
 108 0.0 65.4 105.4#



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BG
 Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 0.117 ng

RT: 16.81 min Scan# 2301

Delta R.T. 0.14 min

Lab File: BG032561.D

Acq: 6 Feb 2018 8:10

Instrument :

BNA_G

ClientSampleId :

PB106290BL

Tgt Ion: 77 Resp: 403

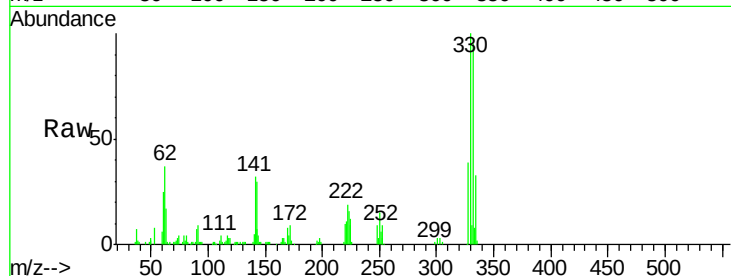
Ion Ratio Lower Upper

77 100

182 0.0 7.4 47.4#

105 56.0 0.3 40.3#

51 0.0 11.6 51.6#

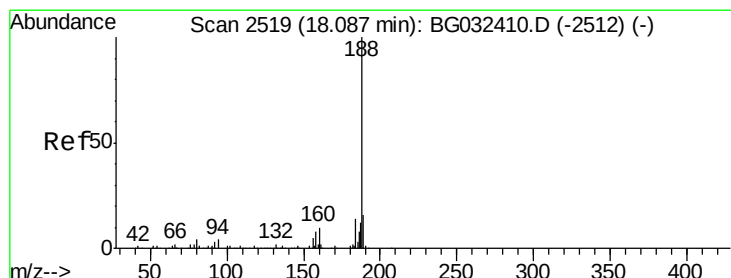
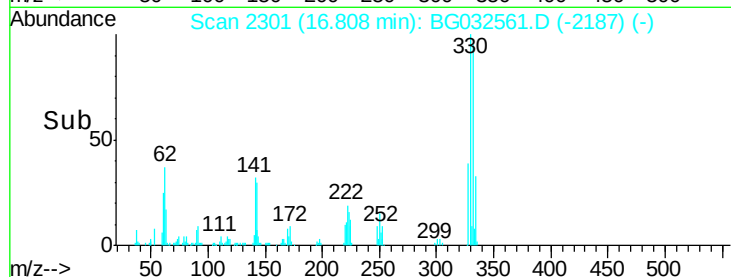
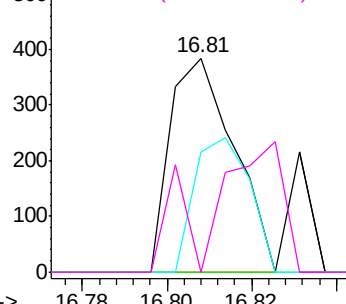


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.08 min Scan# 2517

Delta R.T. -0.01 min

Lab File: BG032561.D

Acq: 6 Feb 2018 8:10

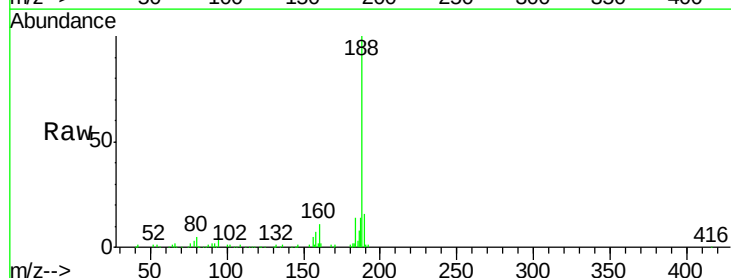
Tgt Ion: 188 Resp: 175353

Ion Ratio Lower Upper

188 100

94 4.4 6.9 10.3#

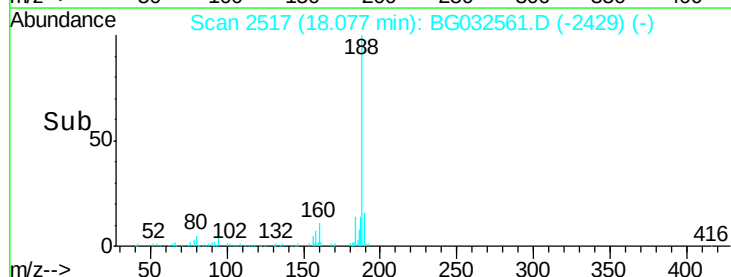
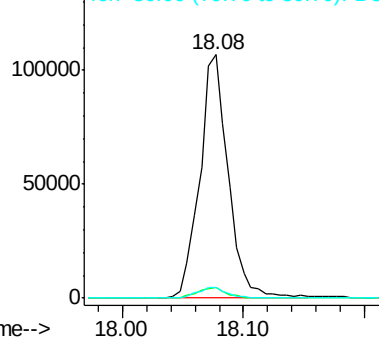
80 5.0 7.7 11.5#

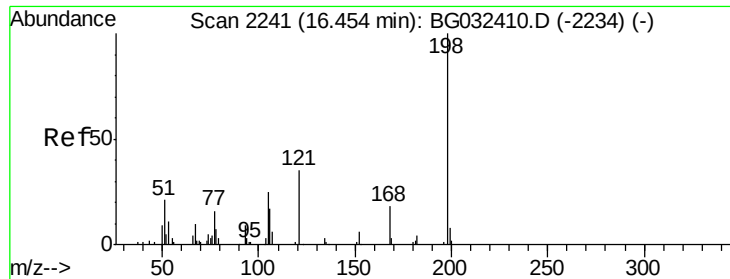


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#64

4,6-Dinitro-2-methylphenol

Concen: 0.176 ng

RT: 16.83 min Scan# 2304

Delta R.T. 0.37 min

Lab File: BG032561.D

Acq: 6 Feb 2018 8:10

Instrument :

BNA_G

ClientSampleId :

PB106290BL

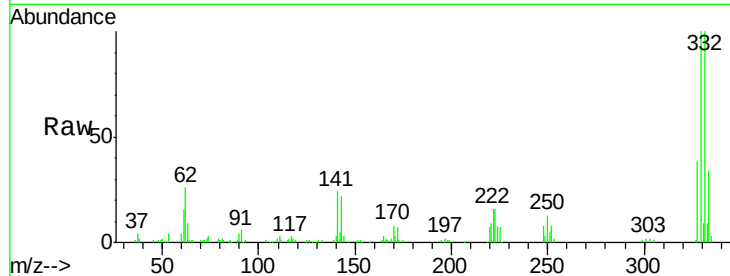
Tgt Ion:198 Resp: 231

Ion Ratio Lower Upper

198 100

51 82.2 30.6 70.6#

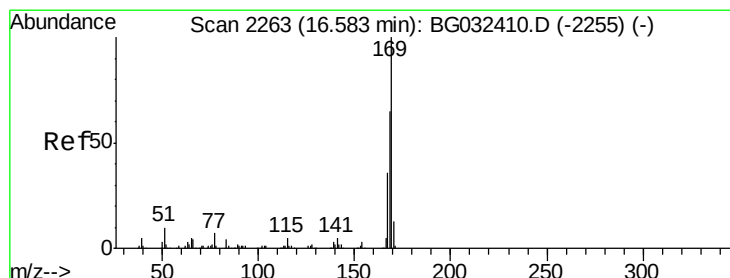
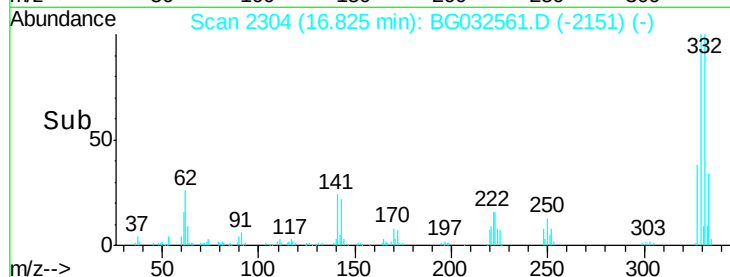
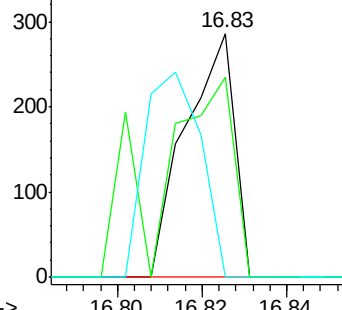
105 0.0 23.8 63.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 0.593 ng

RT: 16.82 min Scan# 2303

Delta R.T. 0.24 min

Lab File: BG032561.D

Acq: 6 Feb 2018 8:10

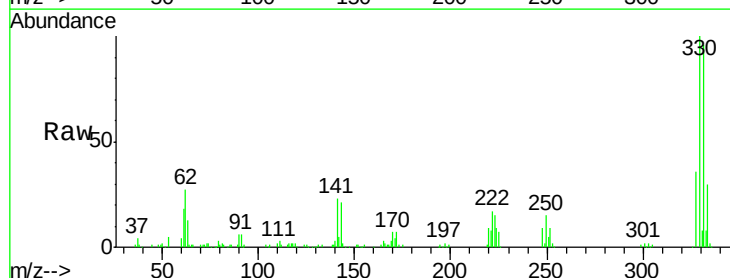
Tgt Ion:169 Resp: 3104

Ion Ratio Lower Upper

169 100

168 21.5 55.7 83.5#

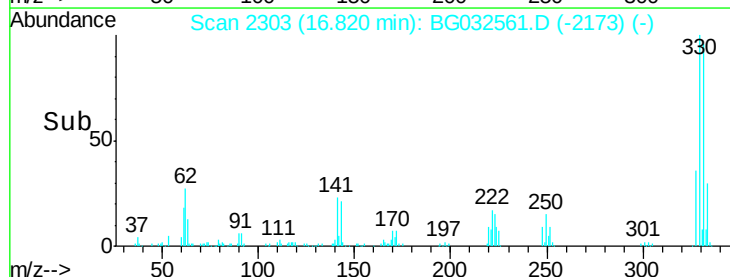
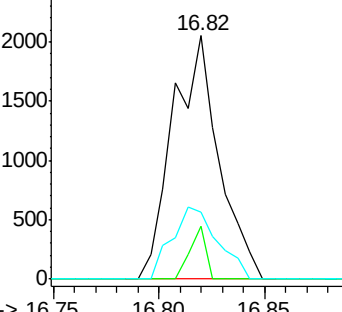
167 27.7 30.1 45.1#

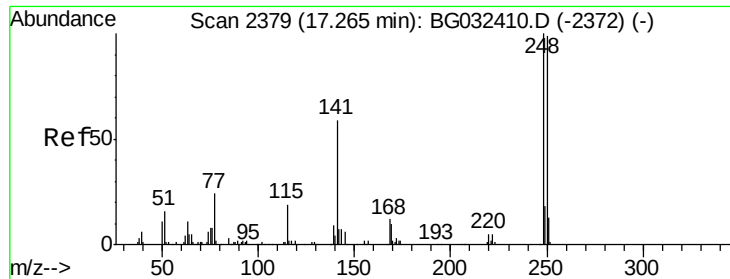


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

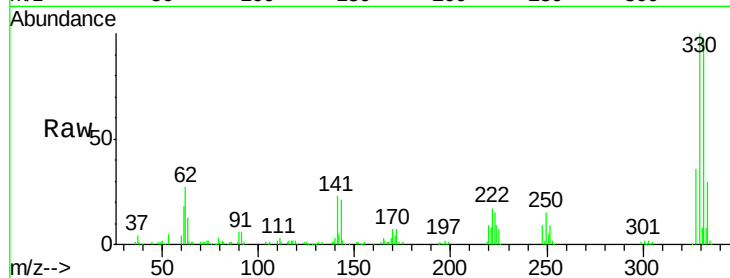




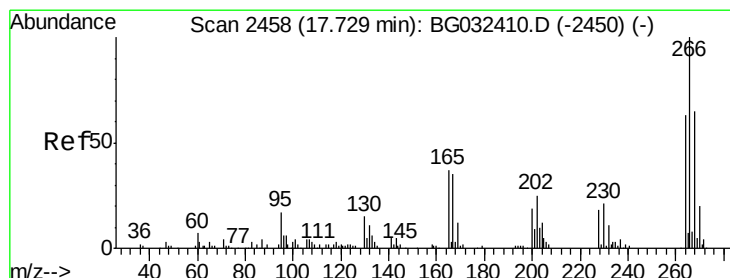
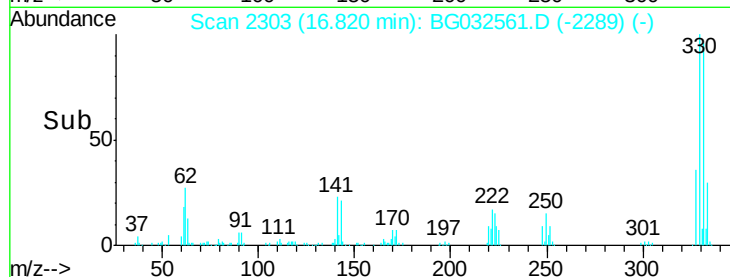
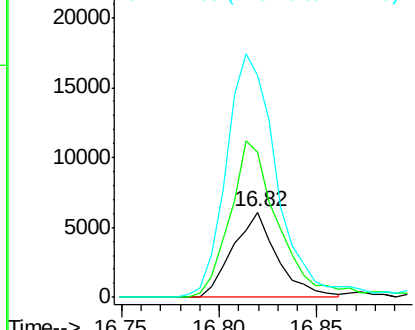
#66
 4-Bromophenyl-phenylether
 Concen: 3.717 ng
 RT: 16.82 min Scan# 2303
 Delta R.T. -0.44 min
 Lab File: BG032561.D
 Acq: 6 Feb 2018 8:10

Instrument :
 BNA_G
 ClientSampleId :
 PB106290BL

Tgt Ion:248 Resp: 9655
 Ion Ratio Lower Upper
 248 100
 250 170.6 77.1 115.7#
 141 261.3 50.8 76.2#

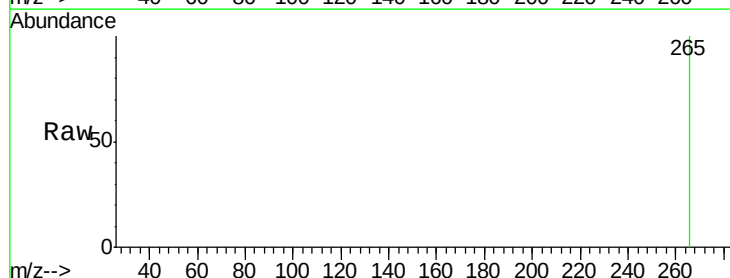


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

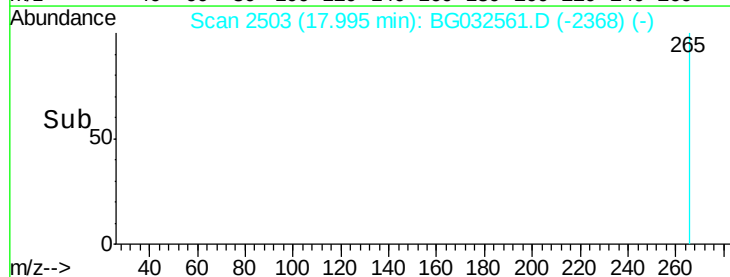
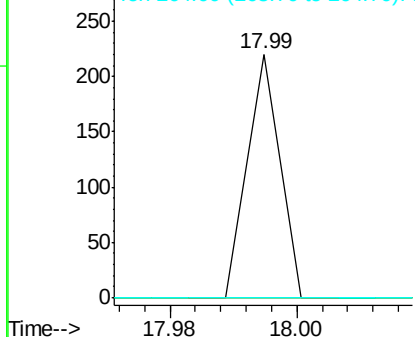


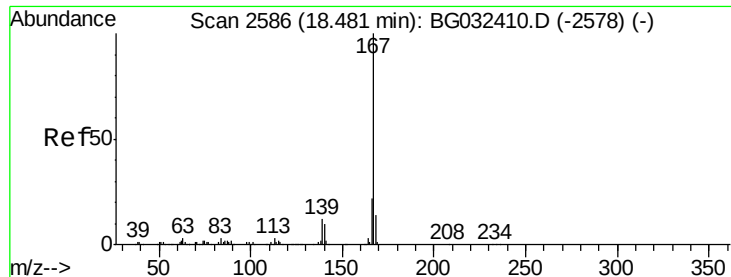
#69
 Pentachlorophenol
 Concen: 0.043 ng
 RT: 17.99 min Scan# 2503
 Delta R.T. 0.27 min
 Lab File: BG032561.D
 Acq: 6 Feb 2018 8:10

Tgt Ion:266 Resp: 78
 Ion Ratio Lower Upper
 266 100
 268 0.0 51.1 76.7#
 264 0.0 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





#72

Carbazole

Concen: 0.006 ng

RT: 18.91 min Scan# 2659

Delta R.T. 0.43 min

Lab File: BG032561.D

Acq: 6 Feb 2018 8:10

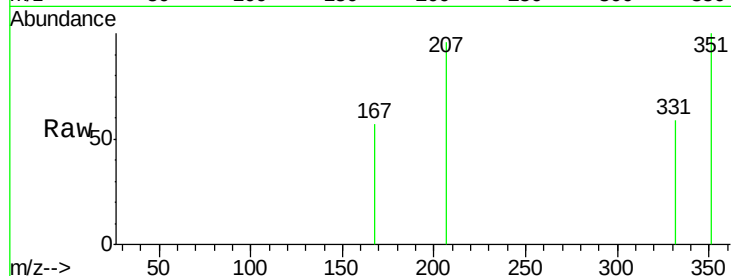
Instrument :

BNA_G

ClientSampleId :

PB106290BL

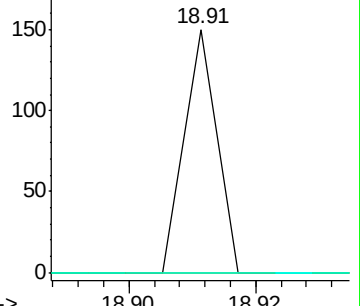
Tgt Ion:	167	Resp:	53
Ion Ratio	Lower	Upper	
167	100		
166	0.0	18.2	27.4#
139	0.0	9.4	14.2#



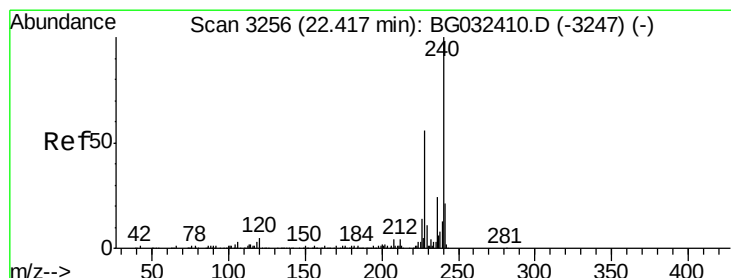
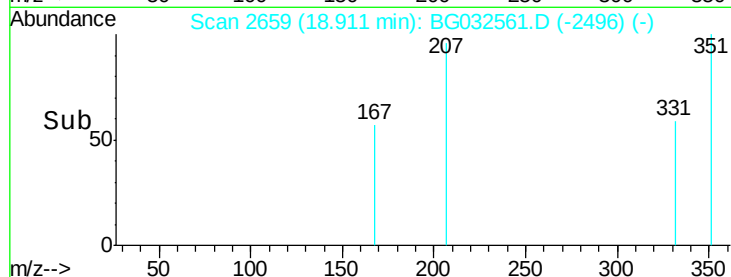
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

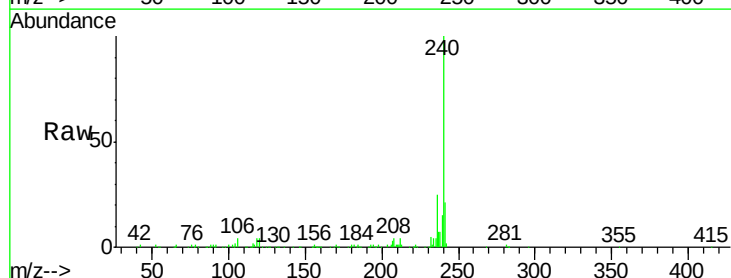
RT: 22.40 min Scan# 3253

Delta R.T. -0.02 min

Lab File: BG032561.D

Acq: 6 Feb 2018 8:10

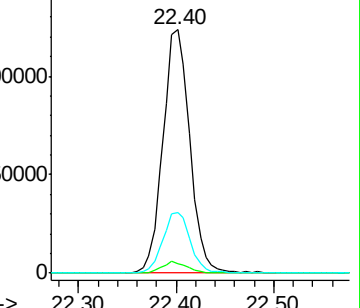
Tgt Ion:	240	Resp:	236472
Ion Ratio	Lower	Upper	
240	100		
120	3.7	6.8	10.2#
236	25.0	20.9	31.3



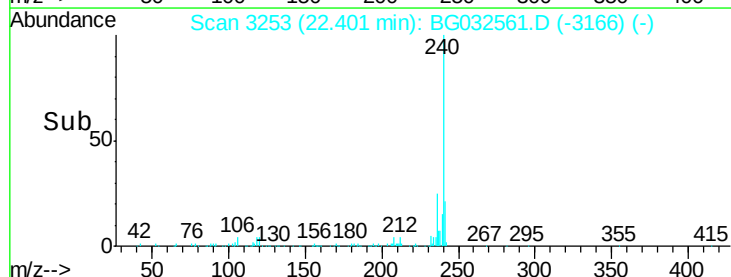
Abundance Ion 240.00 (239.70 to 240.70): E

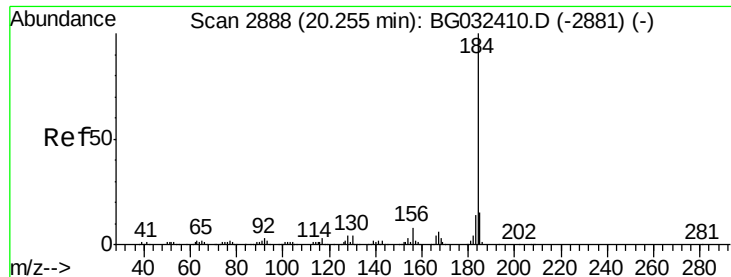
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#76

Benzidine

Concen: 3.019 ng

RT: 20.61 min Scan# 2948

Delta R.T. 0.35 min

Lab File: BG032561.D

Acq: 6 Feb 2018 8:10

Instrument :

BNA_G

ClientSampleId :

PB106290BL

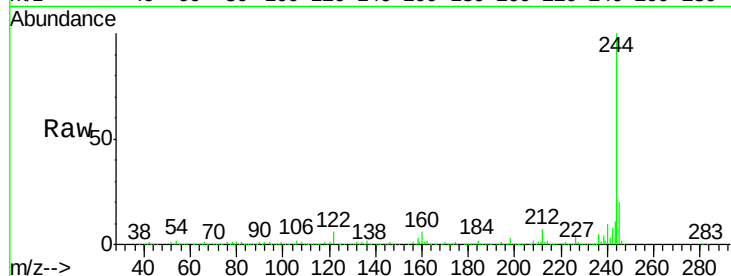
Tgt Ion:184 Resp: 14017

Ion Ratio Lower Upper

184 100

185 22.2 11.1 16.7#

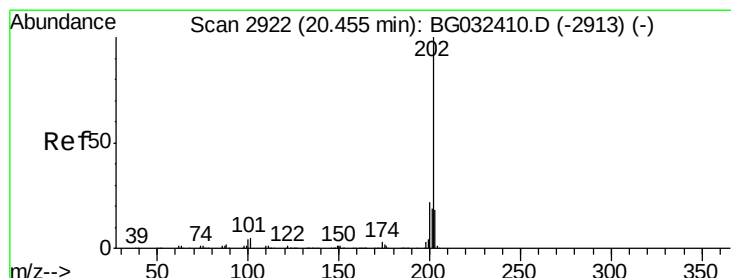
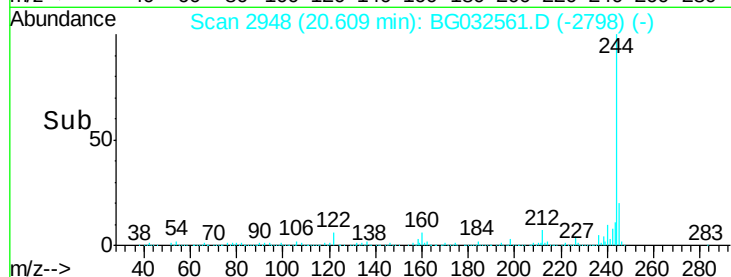
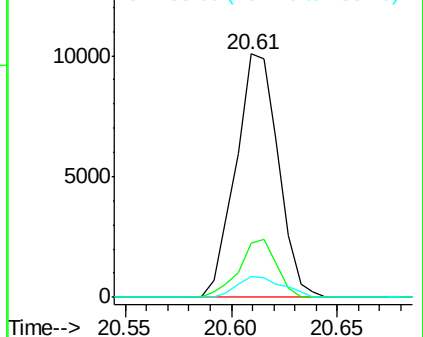
183 8.6 10.6 16.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 0.233 ng

RT: 20.62 min Scan# 2949

Delta R.T. 0.16 min

Lab File: BG032561.D

Acq: 6 Feb 2018 8:10

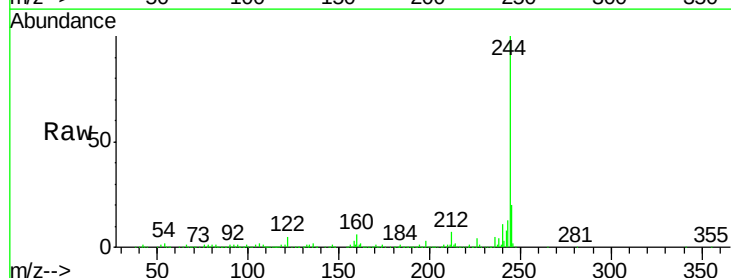
Tgt Ion:202 Resp: 3374

Ion Ratio Lower Upper

202 100

200 34.4 16.9 25.3#

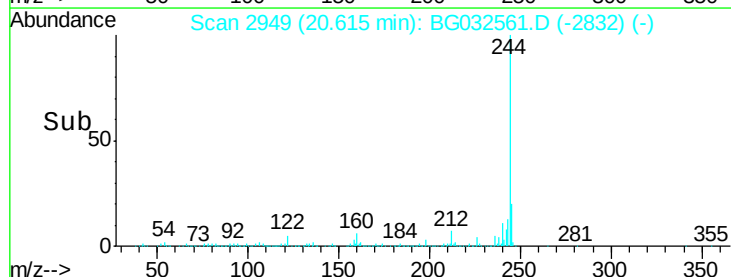
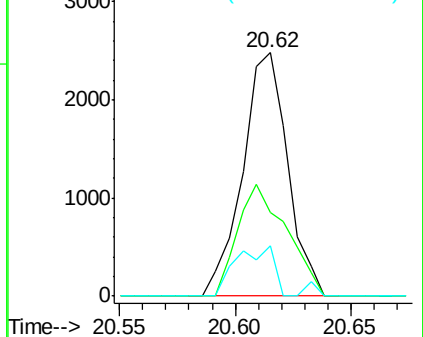
203 20.8 13.9 20.9

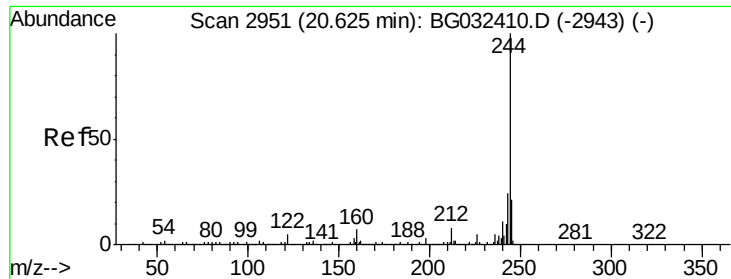


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 87.585 ng

RT: 20.62 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BG032561.D

Acq: 6 Feb 2018 8:10

Instrument :

BNA_G

ClientSampleId :

PB106290BL

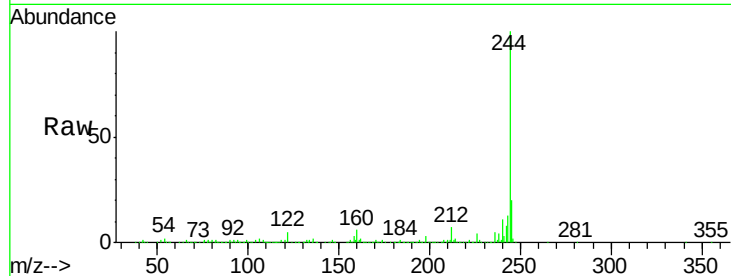
Tgt Ion:244 Resp: 966887

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

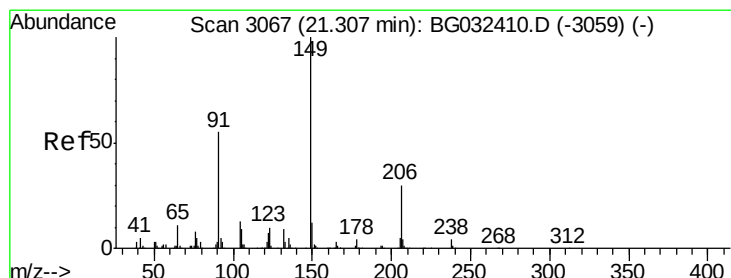
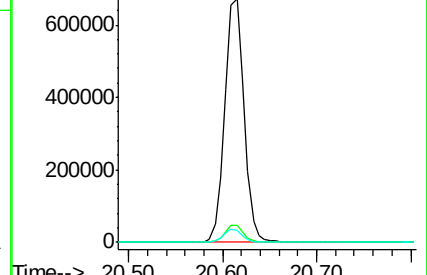
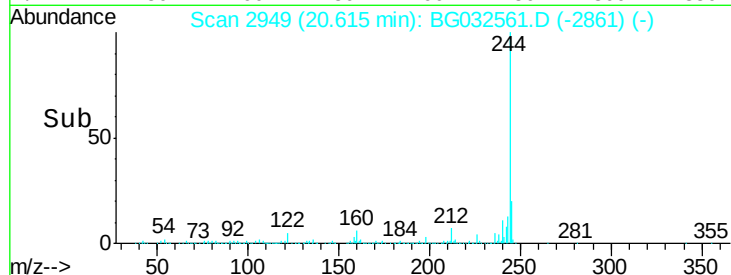
122 4.9 7.0 10.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 0.015 ng

RT: 21.18 min Scan# 3045

Delta R.T. -0.13 min

Lab File: BG032561.D

Acq: 6 Feb 2018 8:10

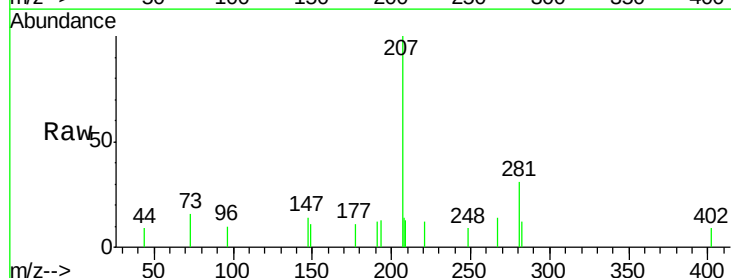
Tgt Ion:149 Resp: 68

Ion Ratio Lower Upper

149 100

91 0.0 62.2 93.2#

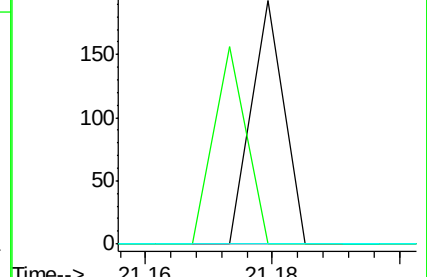
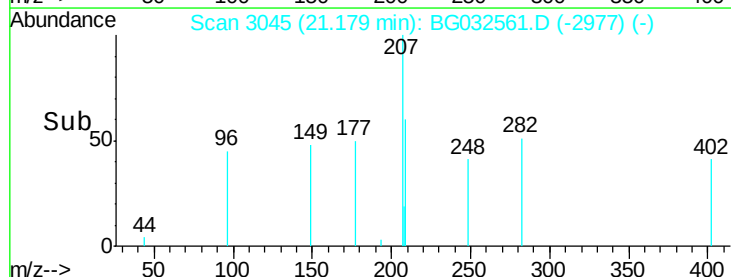
206 0.0 18.6 27.8#

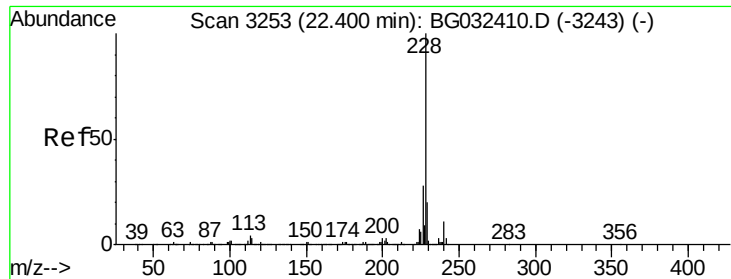


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.035 ng

RT: 22.40 min Scan# 3253

Delta R.T. 0.00 min

Lab File: BG032561.D

Acq: 6 Feb 2018 8:10

Instrument :

BNA_G

ClientSampleId :

PB106290BL

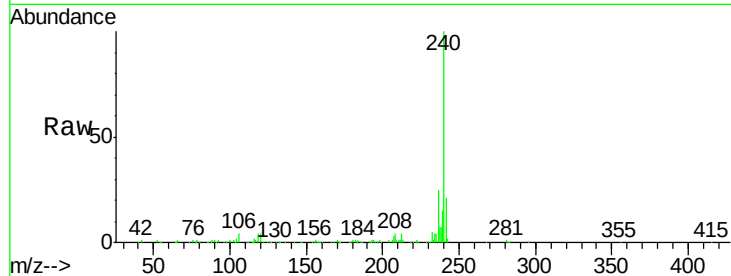
Tgt Ion:228 Resp: 520

Ion Ratio Lower Upper

228 100

226 0.0 22.7 34.1#

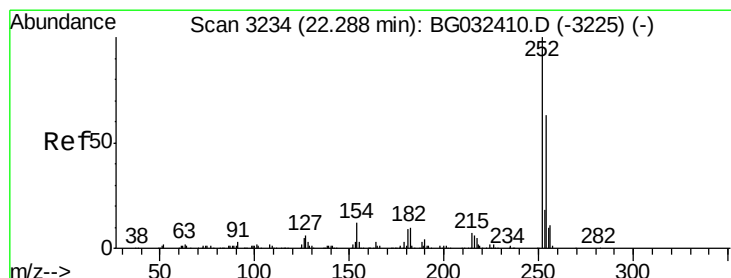
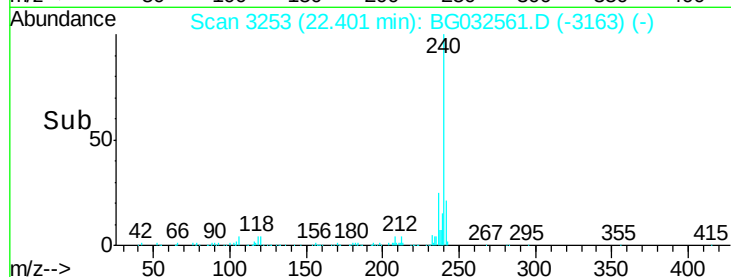
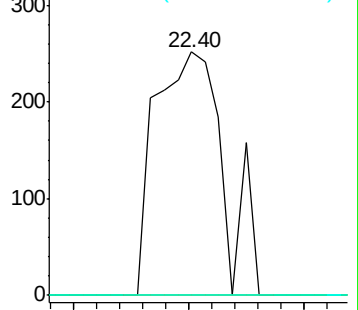
229 0.0 16.2 24.2#



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: 0.010 ng

RT: 22.69 min Scan# 3302

Delta R.T. 0.40 min

Lab File: BG032561.D

Acq: 6 Feb 2018 8:10

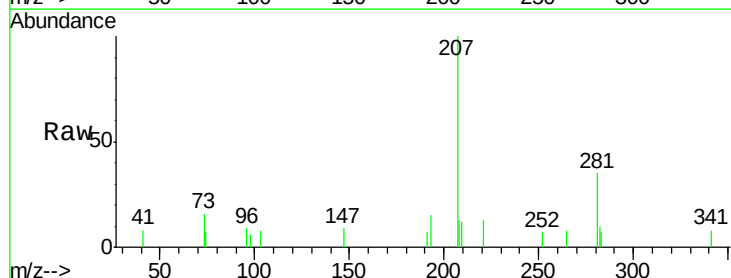
Tgt Ion:252 Resp: 57

Ion Ratio Lower Upper

252 100

254 0.0 50.8 76.2#

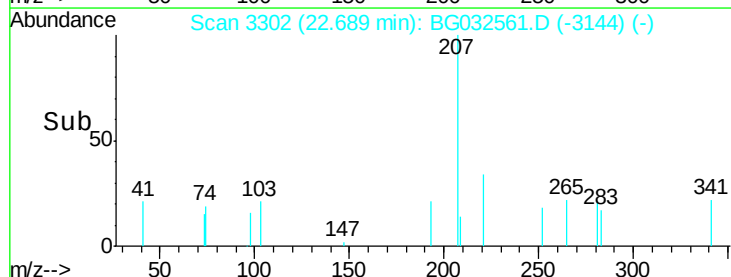
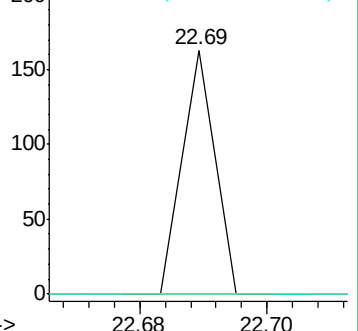
126 0.0 7.4 11.2#

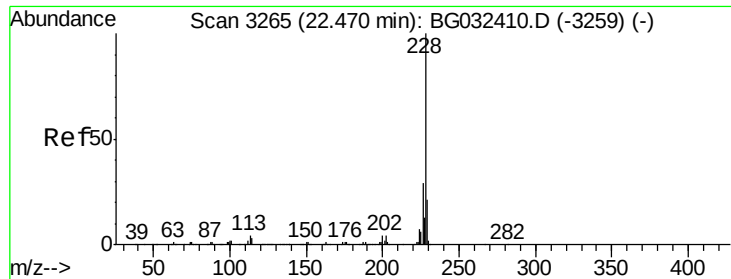


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 0.037 ng

RT: 22.40 min Scan# 3253

Delta R.T. -0.07 min

Lab File: BG032561.D

Acq: 6 Feb 2018 8:10

Instrument :

BNA_G

ClientSampleId :

PB106290BL

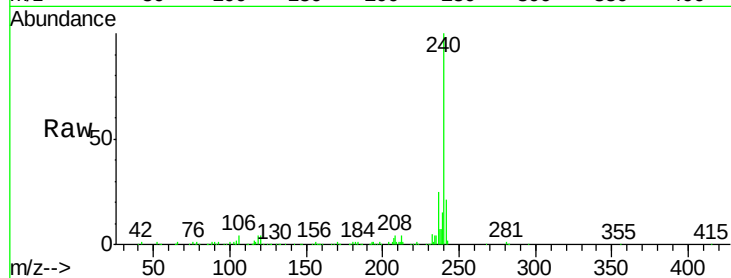
Tgt Ion:228 Resp: 520

Ion Ratio Lower Upper

228 100

226 0.0 24.9 37.3#

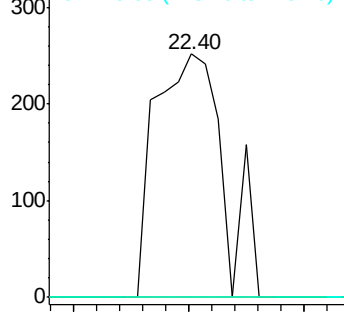
229 0.0 15.0 22.4#



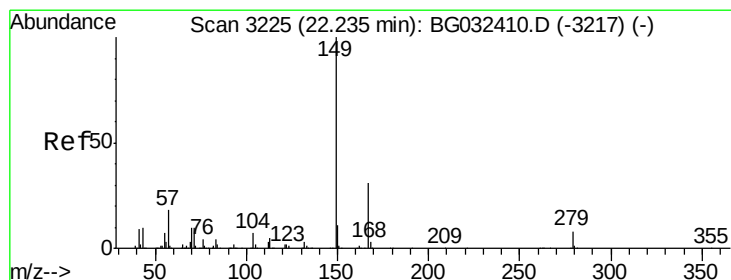
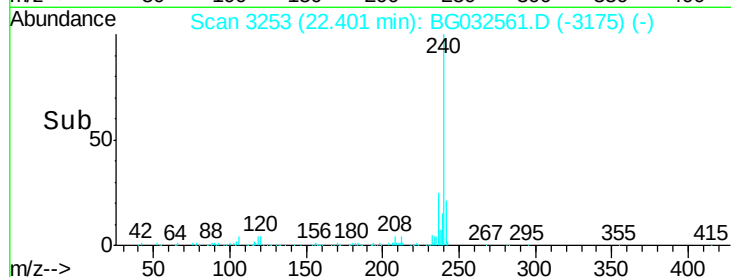
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.012 ng

RT: 22.14 min Scan# 3209

Delta R.T. -0.09 min

Lab File: BG032561.D

Acq: 6 Feb 2018 8:10

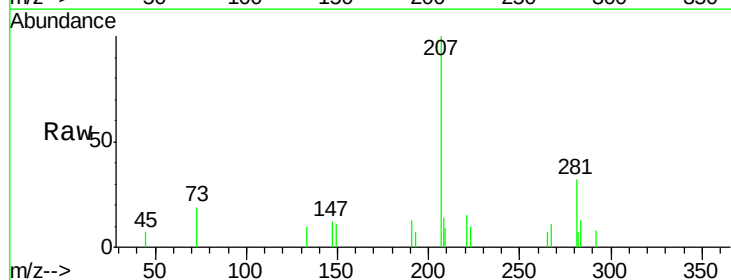
Tgt Ion:149 Resp: 79

Ion Ratio Lower Upper

149 100

167 0.0 24.3 36.5#

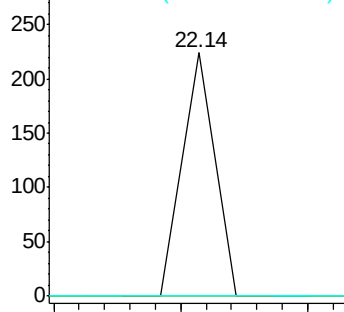
279 0.0 4.0 6.0#



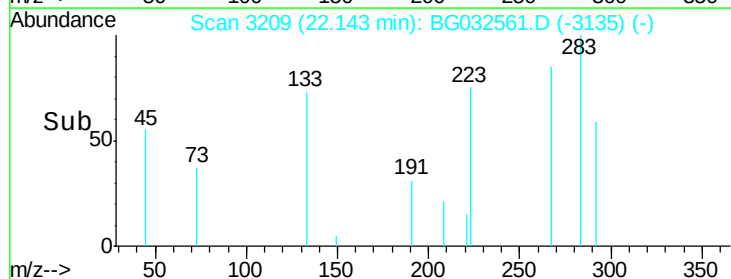
Abundance Ion 149.00 (148.70 to 149.70): E

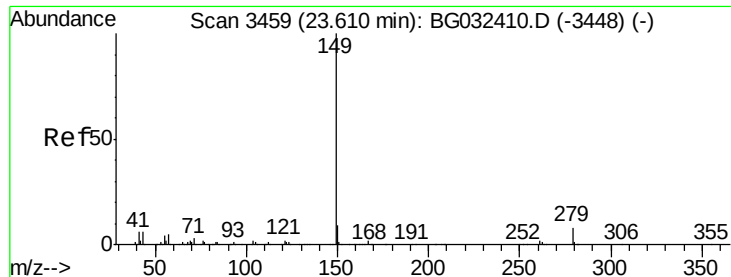
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#84

Di-n-octyl phthalate

Concen: 0.005 ng

RT: 23.66 min Scan# 3467

Delta R.T. 0.05 min

Lab File: BG032561.D

Acq: 6 Feb 2018 8:10

Instrument :

BNA_G

ClientSampleID :

PB106290BL

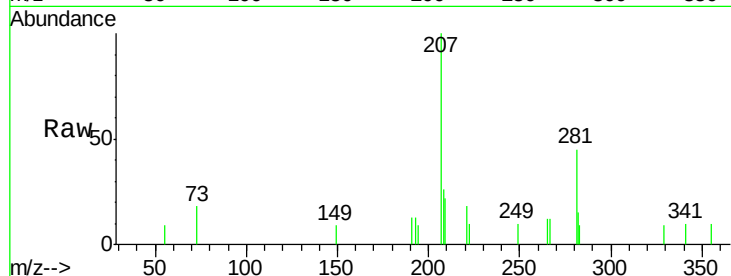
Tgt Ion:149 Resp: 55

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.0#

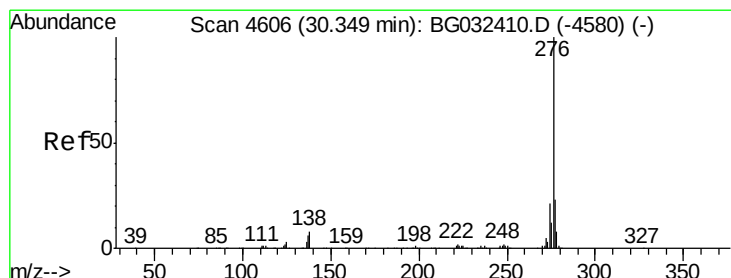
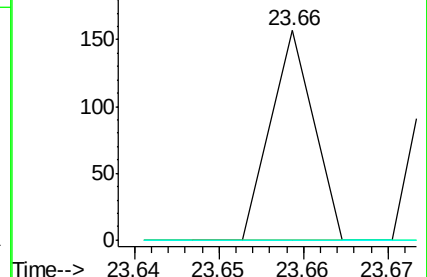
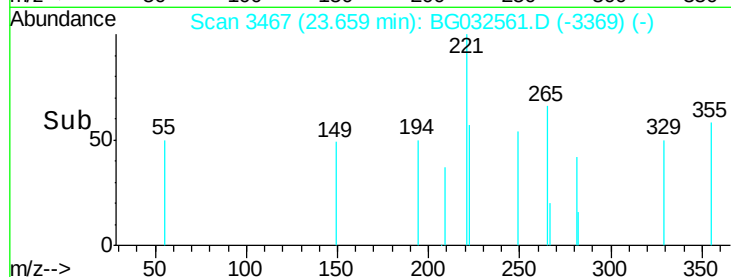
43 0.0 8.9 13.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#85

Indeno(1,2,3-cd)pyrene

Concen: 0.004 ng

RT: 30.26 min Scan# 4590

Delta R.T. -0.09 min

Lab File: BG032561.D

Acq: 6 Feb 2018 8:10

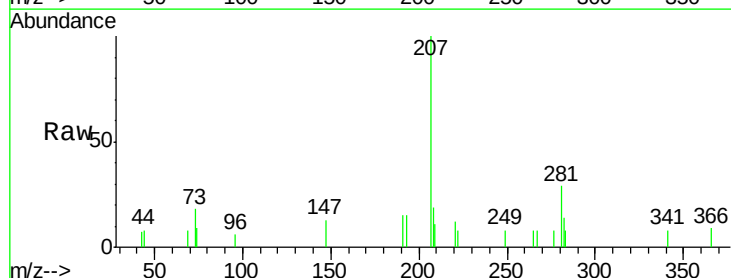
Tgt Ion:276 Resp: 75

Ion Ratio Lower Upper

276 100

138 0.0 16.0 24.0#

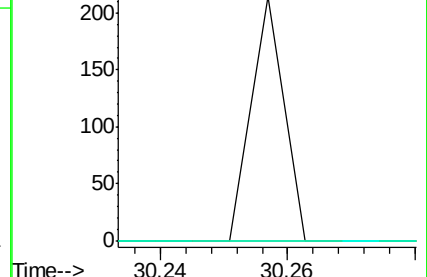
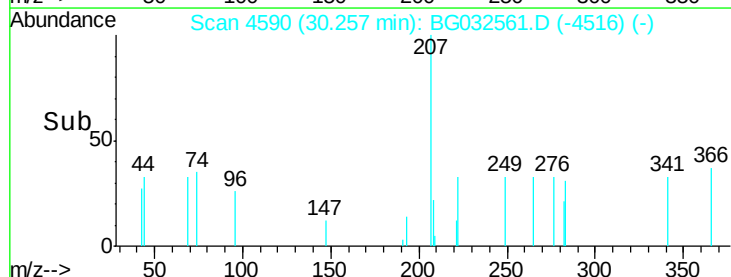
277 0.0 20.0 30.0#

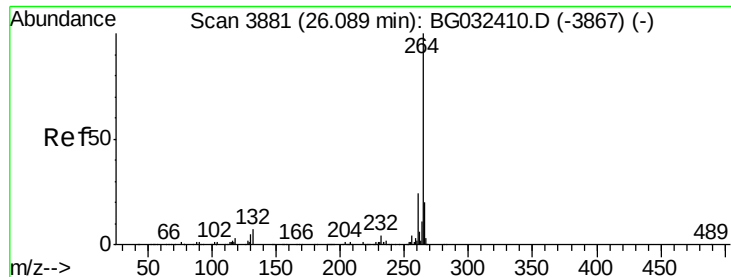


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



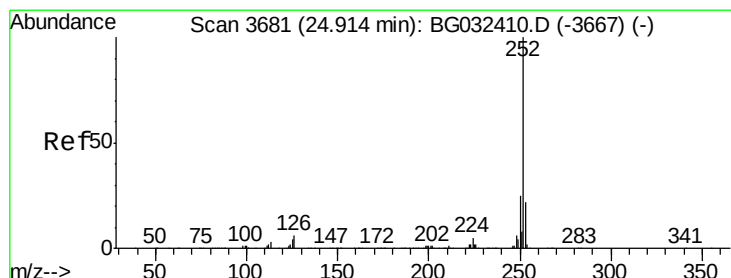
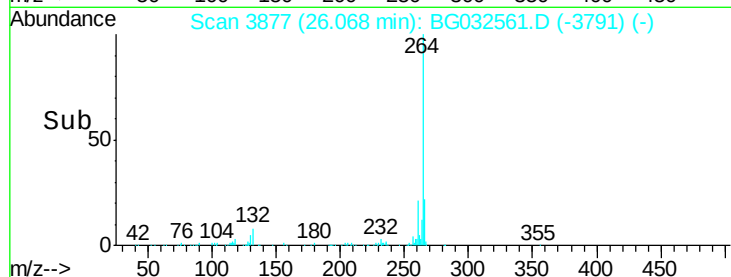
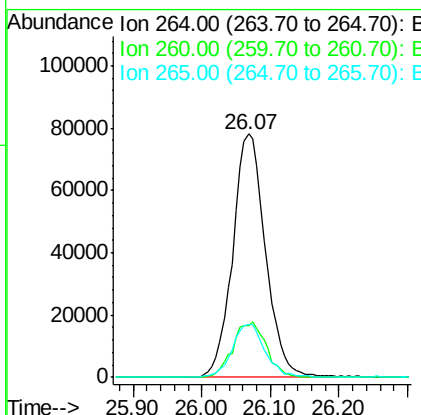
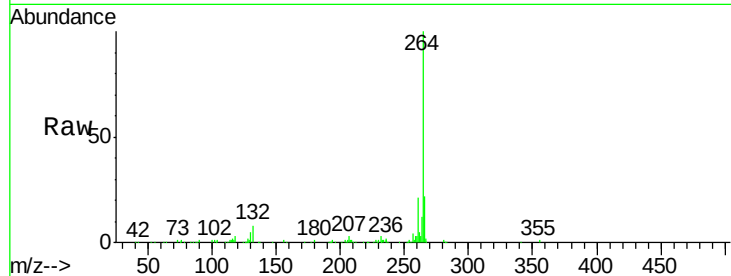


#86
Perylene-d12
Concen: 20.000 ng
RT: 26.07 min Scan# 3877
Delta R.T. -0.02 min
Lab File: BG032561.D
Acq: 6 Feb 2018 8:10

Instrument :
BNA_G
ClientSampleId :
PB106290BL

Tgt Ion: 264 Resp: 259020

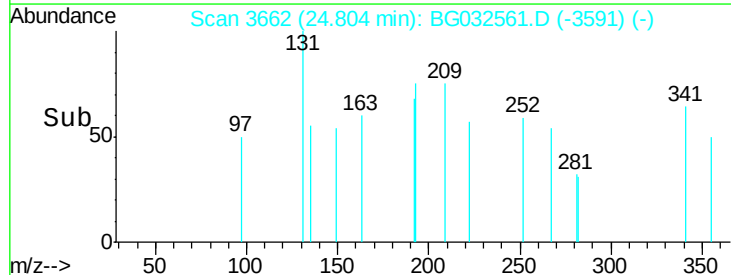
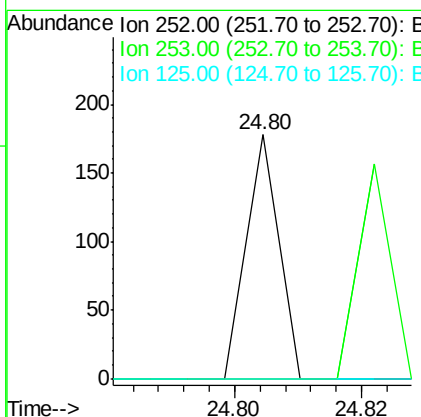
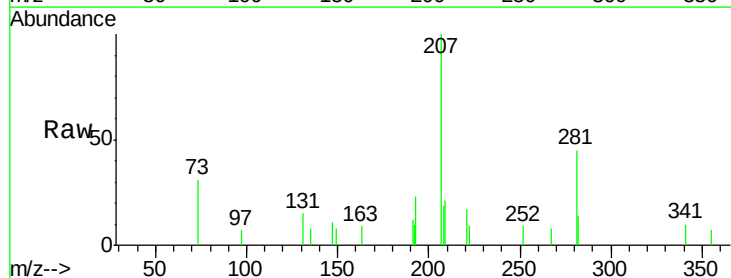
Ion	Ratio	Lower	Upper
264	100		
260	21.1	17.4	26.0
265	21.8	17.7	26.5

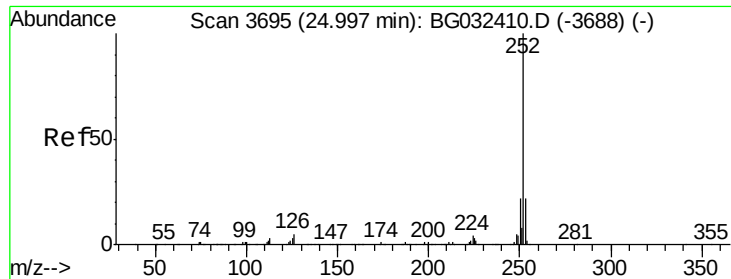


#87
Benzo(b)fluoranthene
Concen: 0.004 ng
RT: 24.80 min Scan# 3662
Delta R.T. -0.11 min
Lab File: BG032561.D
Acq: 6 Feb 2018 8:10

Tgt Ion: 252 Resp: 63

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.2	27.4#
125	0.0	7.2	10.8#

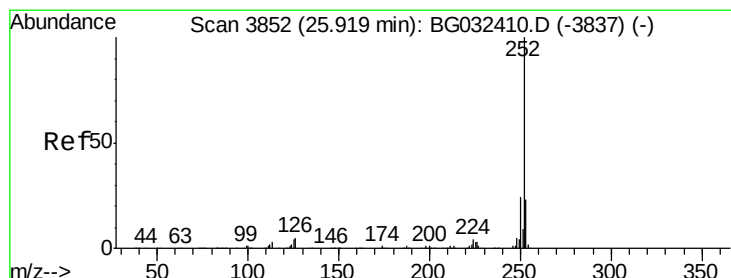
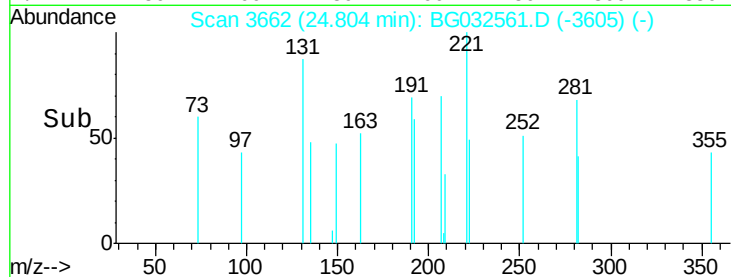
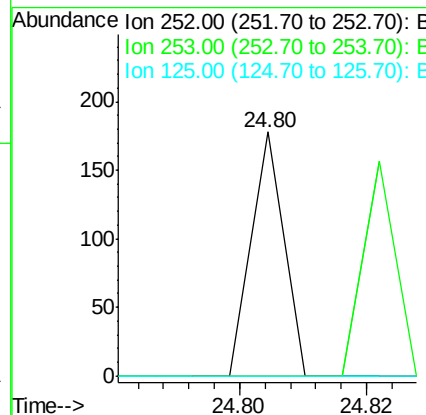
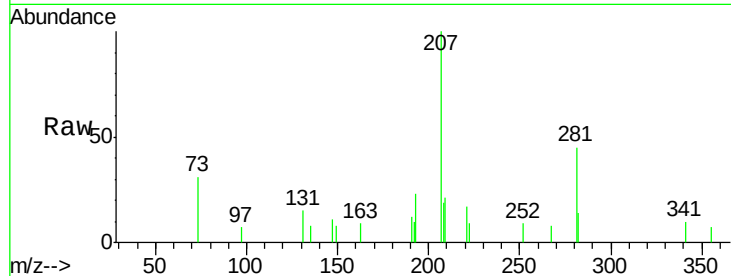




#88
Benzo(k)fluoranthene
Concen: 0.004 ng
RT: 24.80 min Scan# 3662
Delta R.T. -0.19 min
Lab File: BG032561.D
Acq: 6 Feb 2018 8:10

Instrument :
BNA_G
ClientSampleId :
PB106290BL

Tgt Ion: 252 Resp: 63
Ion Ratio Lower Upper
252 100
253 0.0 17.4 26.2#
125 0.0 6.6 9.8#



#89
Benzo(a)pyrene
Concen: 0.009 ng
RT: 25.82 min Scan# 3835
Delta R.T. -0.10 min
Lab File: BG032561.D
Acq: 6 Feb 2018 8:10

Tgt Ion: 252 Resp: 129
Ion Ratio Lower Upper
252 100
253 0.0 18.3 27.5#
125 0.0 7.3 10.9#

