

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091217\
 Data File : BG028677.D
 Acq On : 12 Sep 2017 19:51
 Operator : SJ/JU
 Sample : I5172-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 13 04:03:23 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	34615	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	139975	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	105315	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	280083	20.00	ng	0.00
75) Chrysene-d12	22.03	240	316185	20.00	ng	0.00
86) Perylene-d12	25.53	264	319909	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.91	112	132718	63.26	ng	0.00
7) Phenol-d6	7.49	99	260068	82.34	ng	0.00
23) Nitrobenzene-d5	9.50	82	185524	63.40	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	97099	55.74	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	448984	56.85	ng	0.00
78) Terphenyl-d14	20.28	244	708590	47.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.86	88	77	0.091	ng	# 1
3) Pyridine	4.34	79	61	0.025	ng	# 1
4) n-Nitrosodimethylamine	4.16	42	71	0.064	ng	# 1
6) Aniline	7.53	93	70	0.019	ng	# 1
9) Benzaldehyde	7.50	77	594	0.303	ng	# 10
10) Phenol	7.52	94	12830	3.849	ng	# 92
11) bis(2-Chloroethyl)ether	7.86	93	216	0.090	ng	# 1
12) 1,3-Dichlorobenzene	8.22	146	60	0.024	ng	# 25
13) 1,4-Dichlorobenzene	8.22	146	60	0.023	ng	# 23
14) 1,2-Dichlorobenzene	8.66	146	120	0.047	ng	# 1
15) Benzyl Alcohol	8.65	79	3338	1.354	ng	# 56
17) 2-Methylphenol	8.90	107	61	0.028	ng	# 9
19) n-Nitroso-di-n-propylamine	8.89	70	54	0.024	ng	# 29
20) 3+4-Methylphenols	8.90	107	61	0.020	ng	# 18
22) Acetophenone	9.16	105	60	0.015	ng	# 1
24) Nitrobenzene	9.51	77	556	0.172	ng	# 49
25) Isophorone	9.79	82	73	0.012	ng	# 67
31) Naphthalene	11.19	128	62	0.008	ng	# 67
33) 4-Chloroaniline	11.45	127	81	0.026	ng	# 40
35) Caprolactam	12.35	113	57	0.063	ng	# 1
36) 4-Chloro-3-methylphenol	12.43	107	59	0.018	ng	# 25
45) 1,1'-Biphenyl	13.79	154	341	0.039	ng	# 65
47) 2-Nitroaniline	14.03	65	62	0.026	ng	# 16
49) Dimethylphthalate	14.38	163	53916	6.105	ng	# 99
50) 2,6-Dinitrotoluene	14.38	165	365	0.186	ng	# 24
51) Acenaphthene	15.00	154	81	0.013	ng	# 6
52) 3-Nitroaniline	14.93	138	90	0.052	ng	# 1
56) 2,4-Dinitrotoluene	15.27	165	58	0.021	ng	# 16
57) Fluorene	15.99	166	94	0.011	ng	# 71
59) Diethylphthalate	15.73	149	150	0.017	ng	# 56
62) Azobenzene	16.29	77	53	0.007	ng	# 1
65) n-Nitrosodiphenylamine	16.43	169	2928	0.365	ng	# 56
67) Hexachlorobenzene	17.06	284	61	0.015	ng	# 38
70) Phenanthrene	17.74	178	963	0.067	ng	# 56

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091217\
 Data File : BG028677.D
 Acq On : 12 Sep 2017 19:51
 Operator : SJ/JU
 Sample : I5172-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 13 04:03:23 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

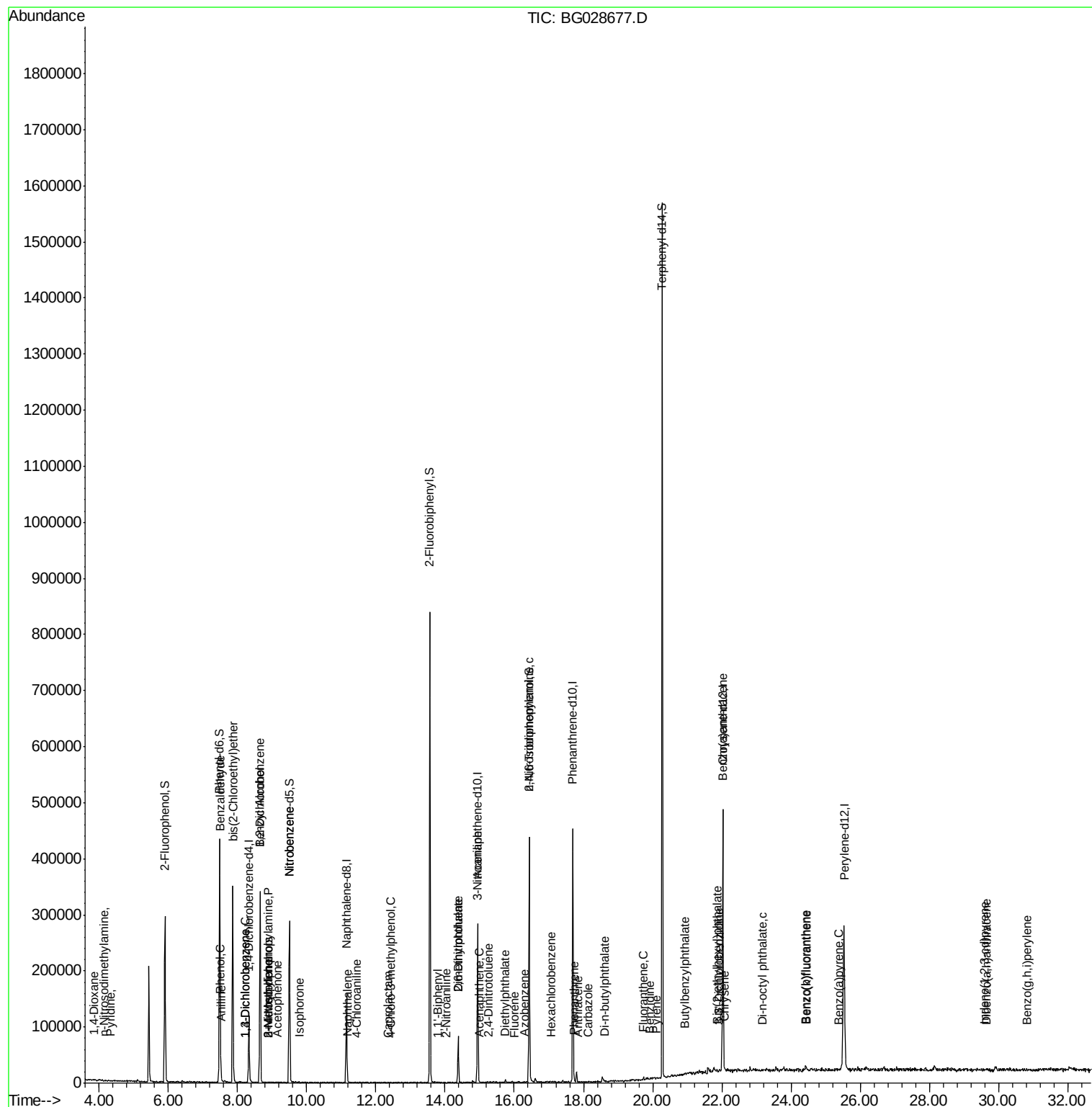
71) Anthracene	17.85	178	72	0.005	ng	# 58
72) Carbazole	18.13	167	110	0.008	ng	# 55
73) Di-n-butylphthalate	18.63	149	293	0.018	ng	# 28
74) Fluoranthene	19.74	202	1102	0.063	ng	# 58
76) Benzidine	19.93	184	84	0.010	ng	# 22
77) Pyrene	20.10	202	970	0.053	ng	# 64
79) Butylbenzylphthalate	20.95	149	60	0.008	ng	# 75
80) Benzo(a)anthracene	22.02	228	1374	0.072	ng	# 67
81) 3,3'-Dichlorobenzidine	21.92	252	73	0.009	ng	# 24
82) Chrysene	22.07	228	561	0.031	ng	# 20
83) Bis(2-ethylhexyl)phthalate	21.86	149	2437	0.233	ng	# 97
84) Di-n-octyl phthalate	23.16	149	1323	0.072	ng	# 27
85) Indeno(1,2,3-cd)pyrene	29.58	276	208	0.009	ng	# 55
87) Benzo(b)fluoranthene	24.41	252	282	0.015	ng	# 1
88) Benzo(k)fluoranthene	24.47	252	95	0.005	ng	# 56
89) Benzo(a)pyrene	25.37	252	714	0.039	ng	# 58
90) Dibenzo(a,h)anthracene	29.64	278	80	0.004	ng	# 58
91) Benzo(g,h,i)perylene	30.82	276	84	0.005	ng	# 59

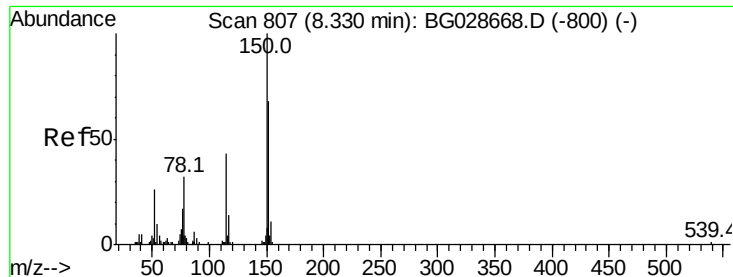
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091217\
Data File : BG028677.D
Acq On : 12 Sep 2017 19:51
Operator : SJ/JU
Sample : I5172-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 13 04:03:23 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.33 min Scan# 806

Delta R.T. -0.00 min

Lab File: BG028677.D

Acq: 12 Sep 2017 19:51

Instrument :

BNA_G

ClientSampleId :

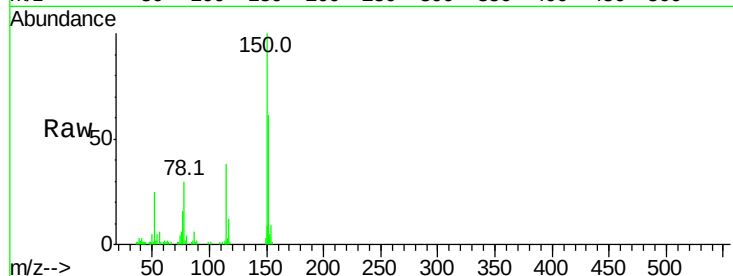
Tot Ion:152 Resp: 34615

Ion Ratio Lower Upper

152 100

150 163.8 114.0 171.0

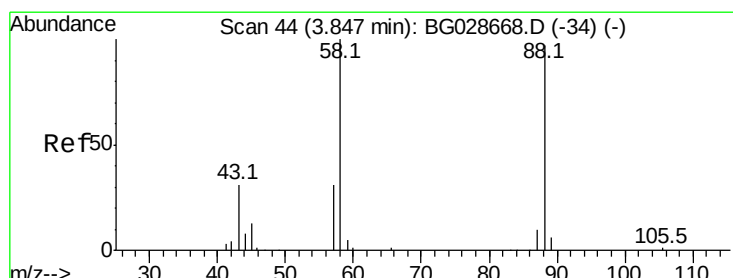
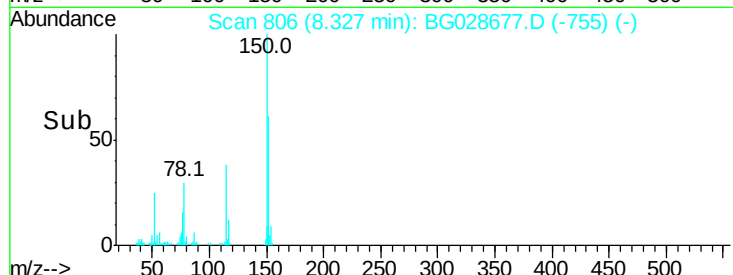
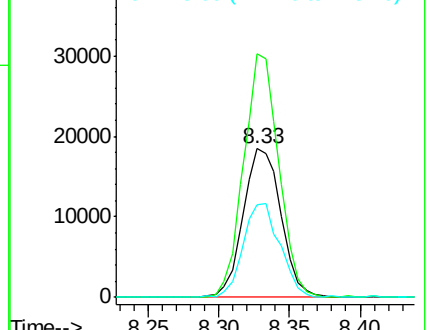
115 62.0 48.1 72.1



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: 0.091 ng

RT: 3.86 min Scan# 46

Delta R.T. 0.01 min

Lab File: BG028677.D

Acq: 12 Sep 2017 19:51

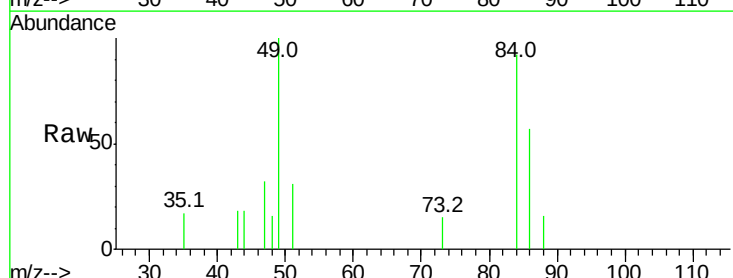
Tgt Ion: 88 Resp: 77

Ion Ratio Lower Upper

88 100

58 0.0 79.4 119.2#

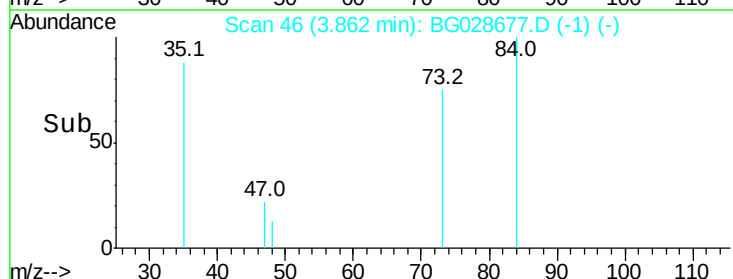
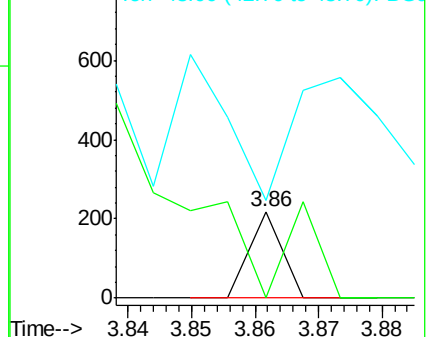
43 409.1 33.8 50.6#

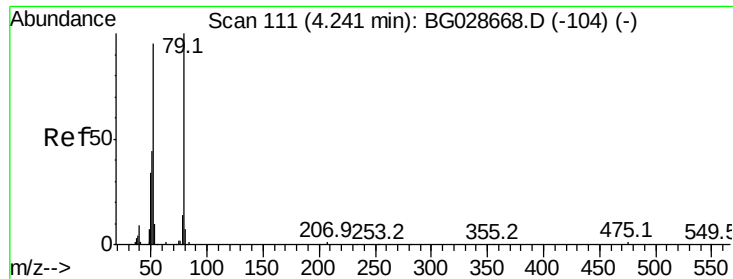


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 0.025 ng

RT: 4.34 min Scan# 128

Delta R.T. 0.10 min

Lab File: BG028677.D

Acq: 12 Sep 2017 19:51

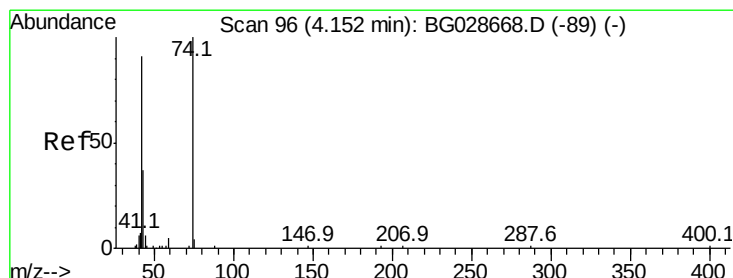
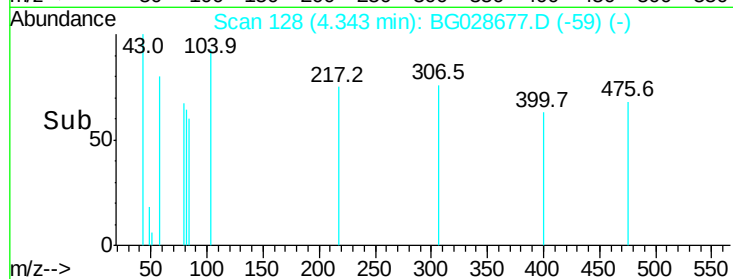
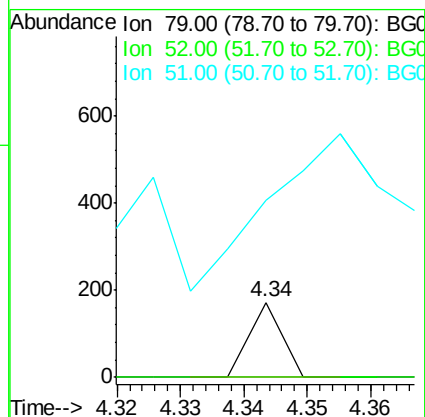
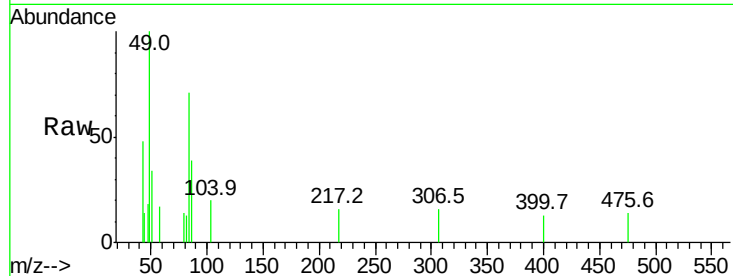
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 79 Resp: 61

Ion	Ratio	Lower	Upper
79	100		
52	0.0	77.8	116.6#
51	237.2	43.2	64.8#



#4

n-Nitrosodimethylamine

Concen: 0.064 ng

RT: 4.16 min Scan# 96

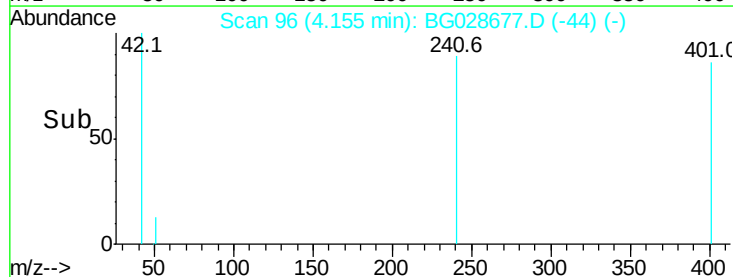
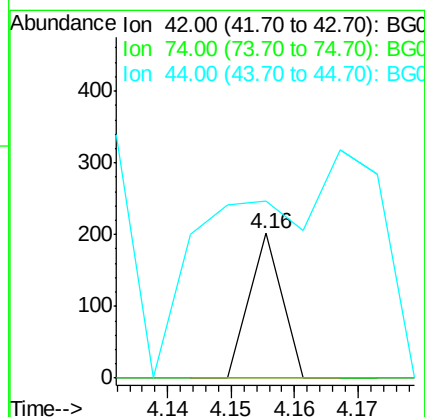
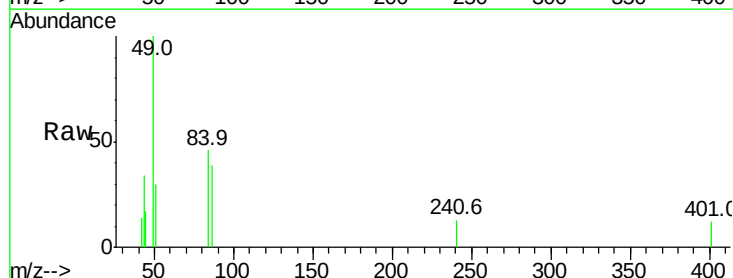
Delta R.T. 0.00 min

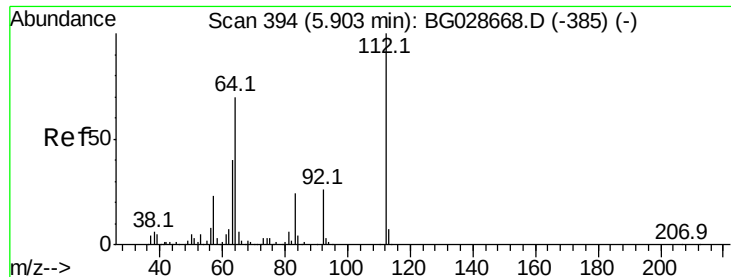
Lab File: BG028677.D

Acq: 12 Sep 2017 19:51

Tgt Ion: 42 Resp: 71

Ion	Ratio	Lower	Upper
42	100		
74	0.0	76.7	115.1#
44	122.3	6.1	9.1#





#5

2-Fluorophenol

Concen: 63.265 ng

RT: 5.91 min Scan# 394

Delta R.T. 0.00 min

Lab File: BG028677.D

Acq: 12 Sep 2017 19:51

Instrument :

BNA_G

ClientSampled :

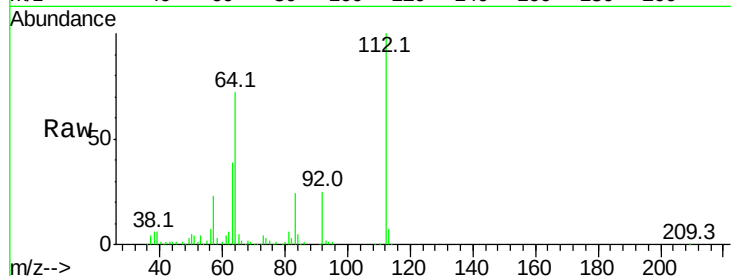
Tot Ion:112 Resp: 132718

Ion Ratio Lower Upper

112 100

64 72.2 61.8 92.6

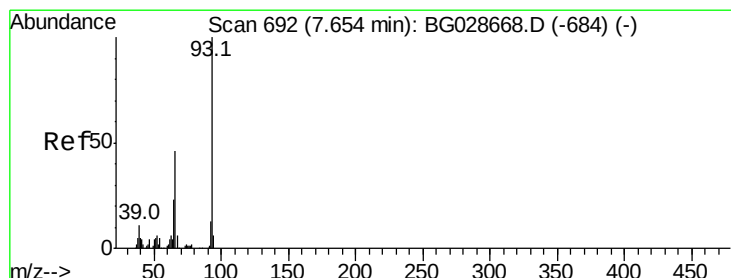
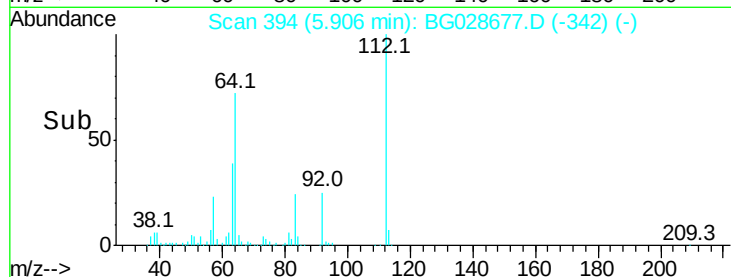
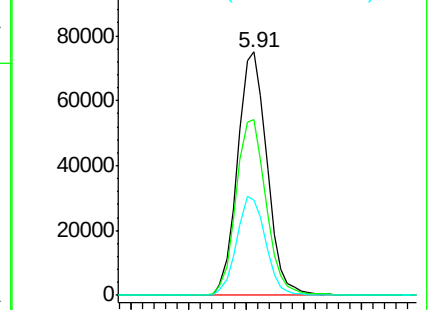
63 39.1 37.2 55.8



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: 0.019 ng

RT: 7.53 min Scan# 670

Delta R.T. -0.13 min

Lab File: BG028677.D

Acq: 12 Sep 2017 19:51

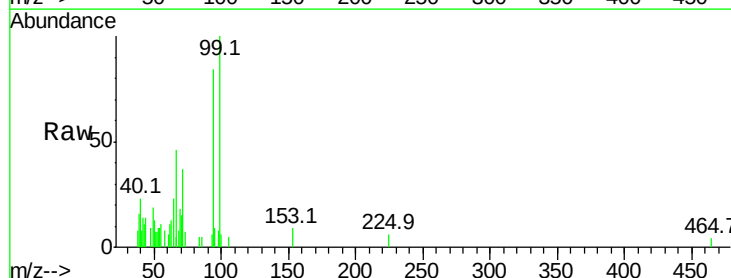
Tgt Ion: 93 Resp: 70

Ion Ratio Lower Upper

93 100

66 833.3 35.4 53.2#

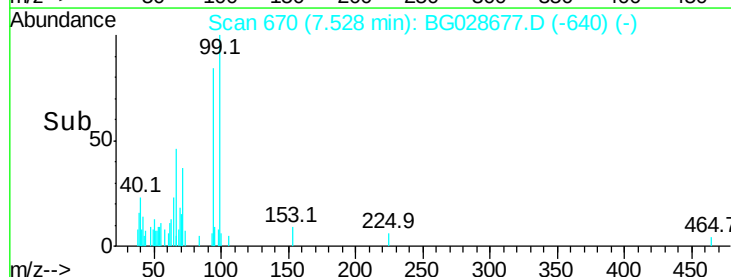
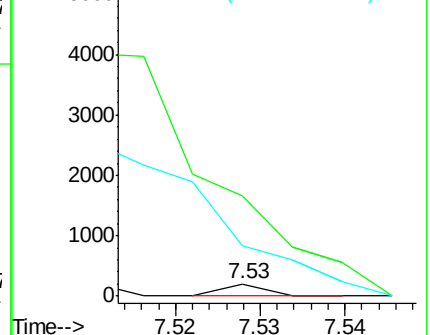
65 416.2 21.2 31.8#

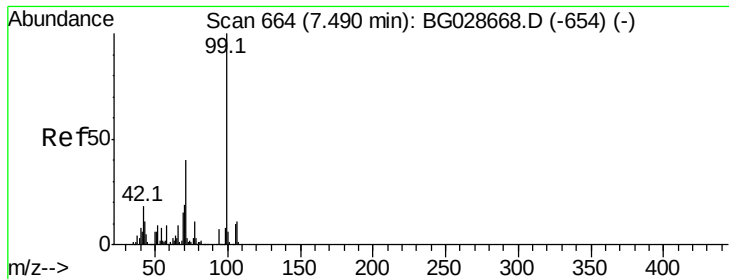


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 82.339 ng

RT: 7.49 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG028677.D

Acq: 12 Sep 2017 19:51

Instrument :

BNA_G

ClientSampleId :

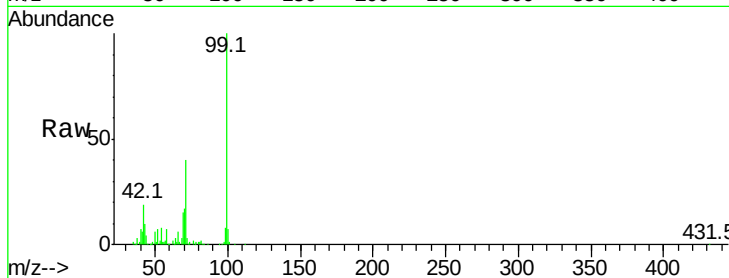
Tot Ion: 99 Resp: 260068

Ion Ratio Lower Upper

99 100

42 18.8 20.5 30.7#

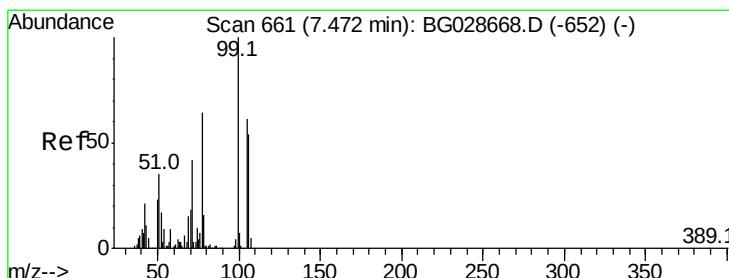
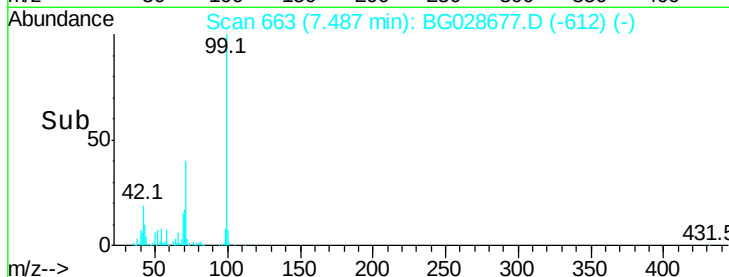
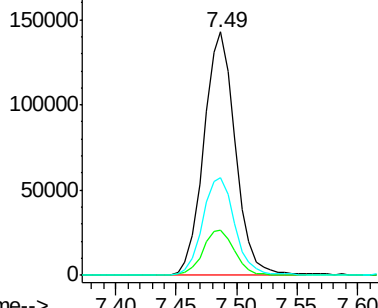
71 40.0 37.6 56.4



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: 0.303 ng

RT: 7.50 min Scan# 665

Delta R.T. 0.03 min

Lab File: BG028677.D

Acq: 12 Sep 2017 19:51

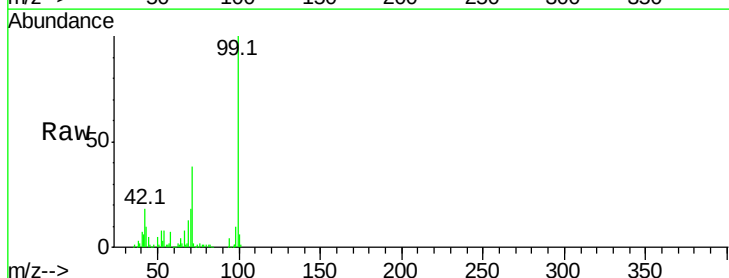
Tgt Ion: 77 Resp: 594

Ion Ratio Lower Upper

77 100

105 0.0 60.9 100.9#

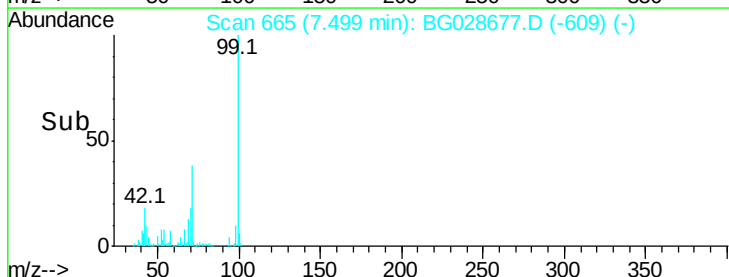
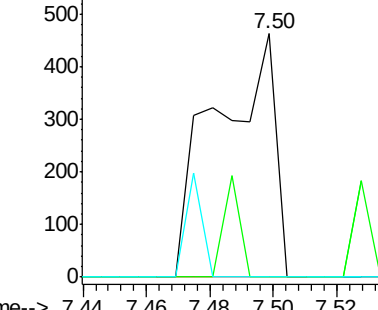
106 0.0 55.1 95.1#

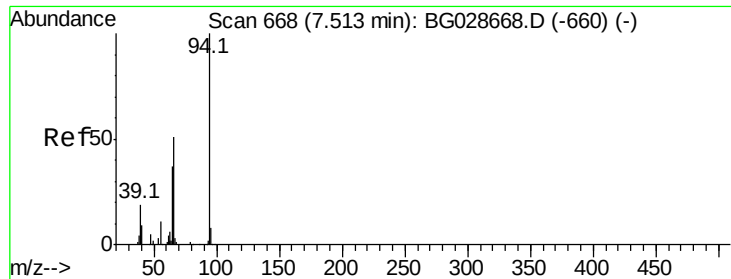


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC





#10

Phenol

Concen: 3.849 ng

RT: 7.52 min Scan# 668

Delta R.T. 0.00 min

Lab File: BG028677.D

Acq: 12 Sep 2017 19:51

Instrument :

BNA_G

ClientSampleId :

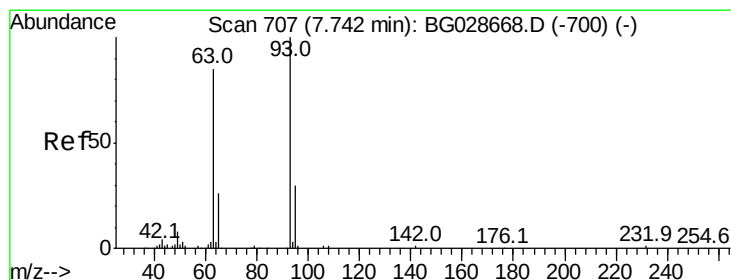
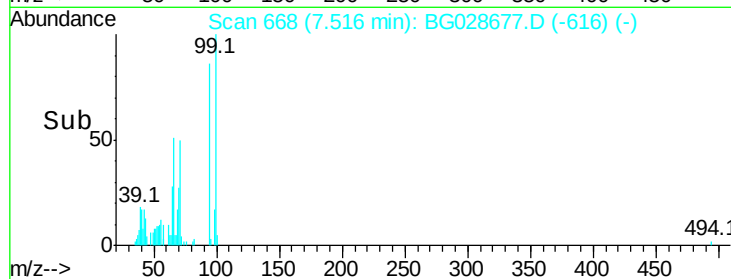
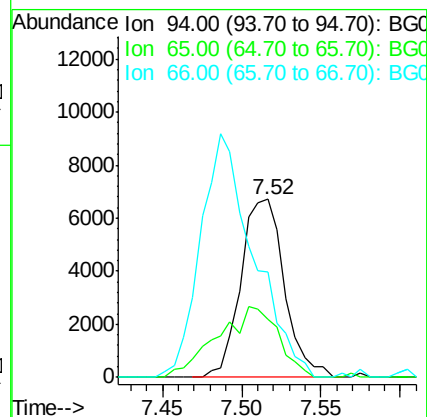
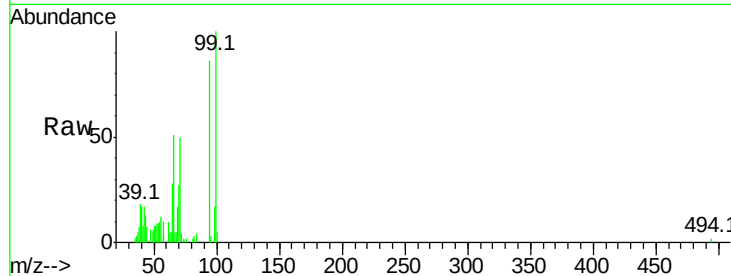
Tot Ion: 94 Resp: 12830

Ion Ratio Lower Upper

94 100

65 32.3 20.6 60.6

66 59.0 35.5 75.5



#11

bis(2-Chloroethyl)ether

Concen: 0.090 ng

RT: 7.86 min Scan# 727

Delta R.T. 0.12 min

Lab File: BG028677.D

Acq: 12 Sep 2017 19:51

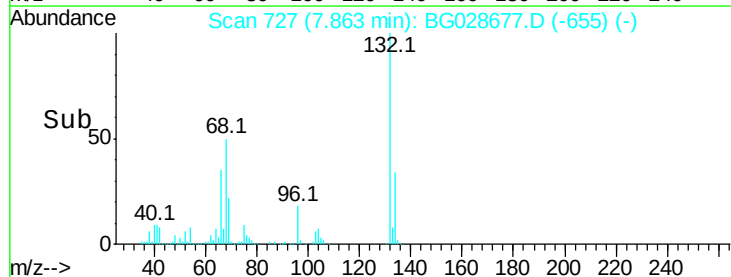
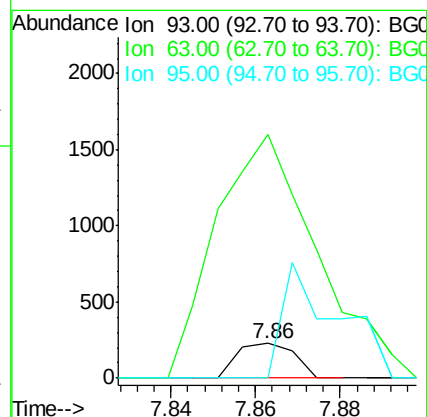
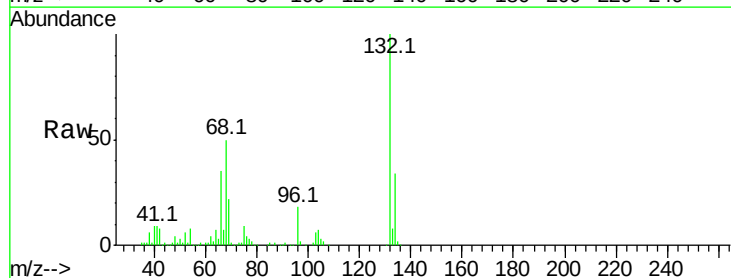
Tgt Ion: 93 Resp: 216

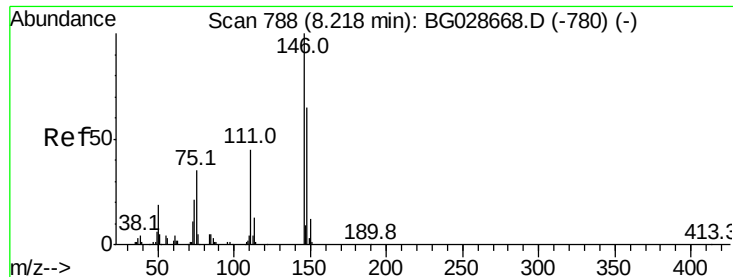
Ion Ratio Lower Upper

93 100

63 704.4 78.5 118.5#

95 0.0 9.8 49.8#

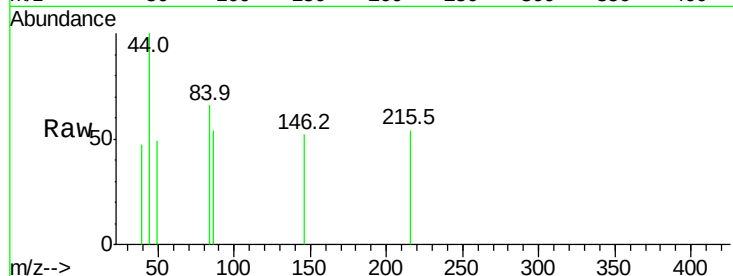




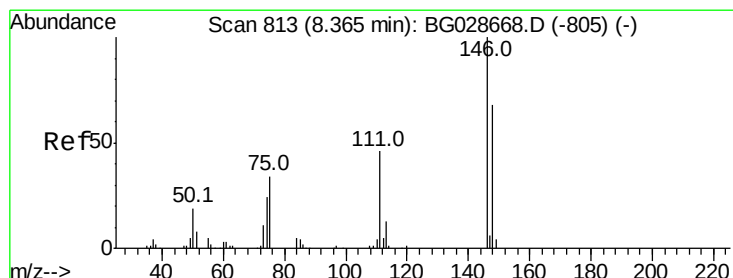
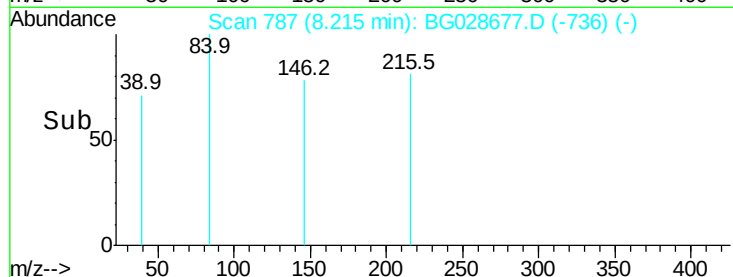
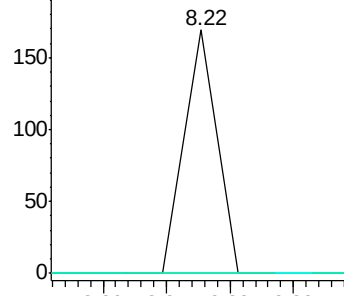
#12
 1,3-Dichlorobenzene
 Concen: 0.024 ng
 RT: 8.22 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BG028677.D
 Acq: 12 Sep 2017 19:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	0.0	49.2	73.8#
75	0.0	33.4	50.2#

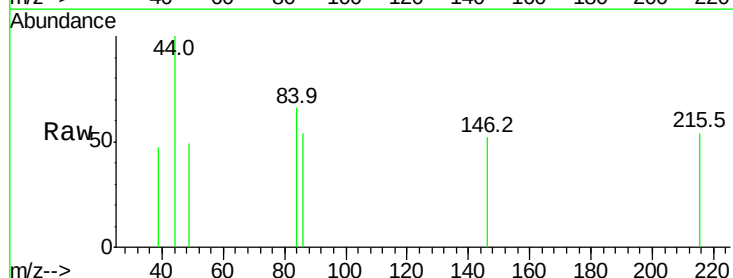


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): B

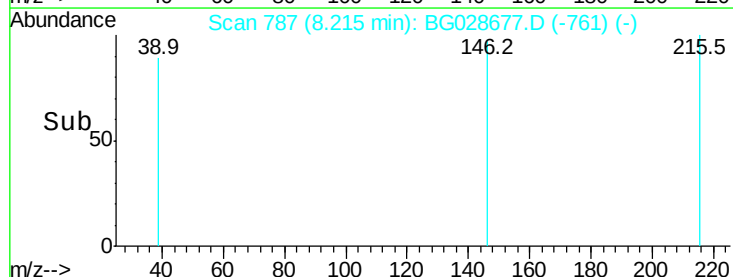
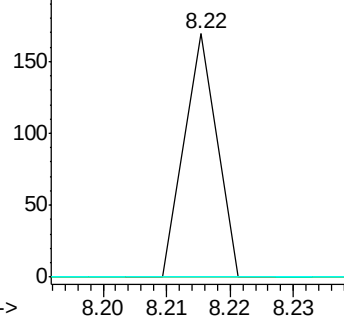


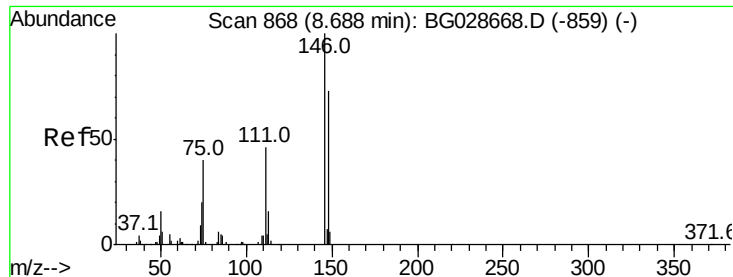
#13
 1,4-Dichlorobenzene
 Concen: 0.023 ng
 RT: 8.22 min Scan# 787
 Delta R.T. -0.15 min
 Lab File: BG028677.D
 Acq: 12 Sep 2017 19:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	0.0	52.2	78.2#
111	0.0	37.0	55.6#



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

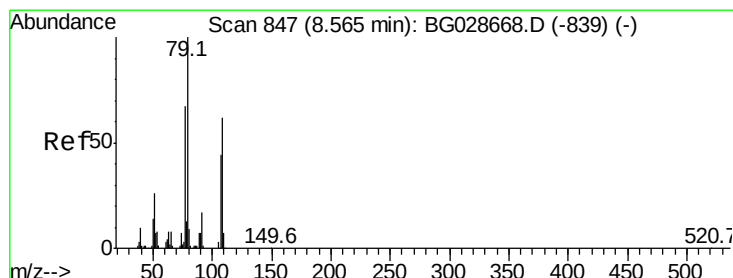
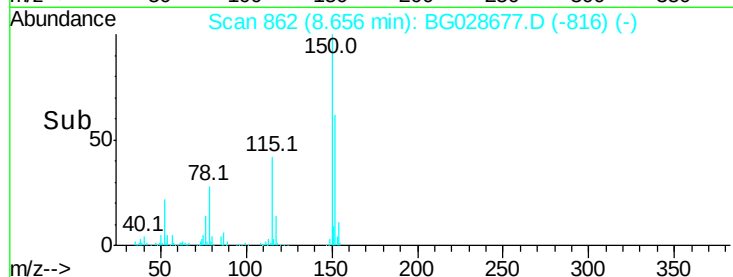
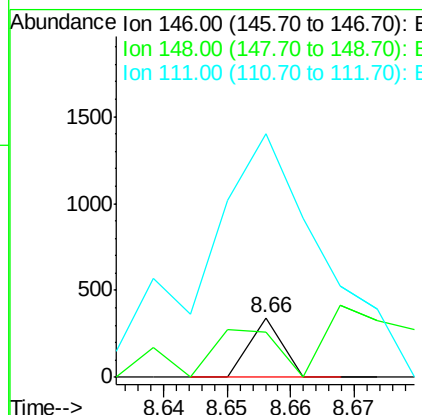
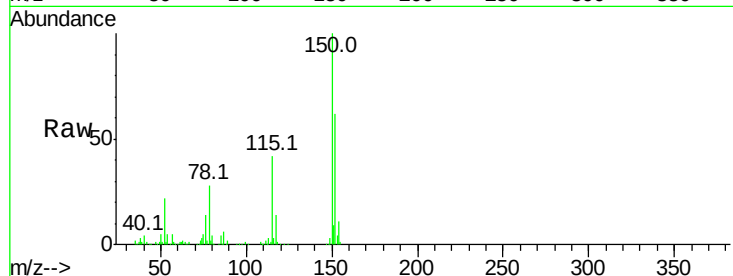




#14
 1,2-Dichlorobenzene
 Concen: 0.047 ng
 RT: 8.66 min Scan# 862
 Delta R.T. -0.03 min
 Lab File: BG028677.D
 Acq: 12 Sep 2017 19:51

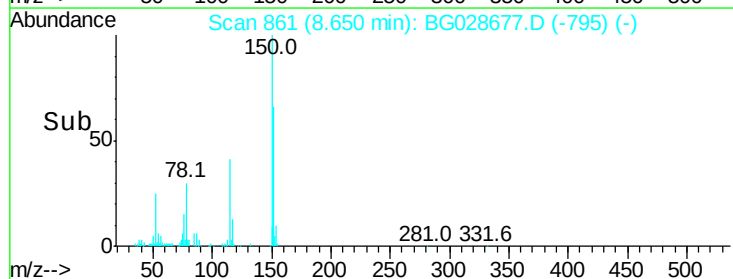
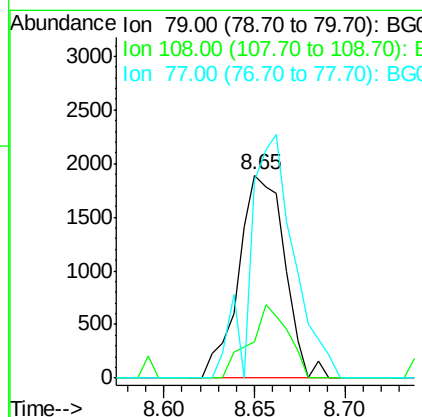
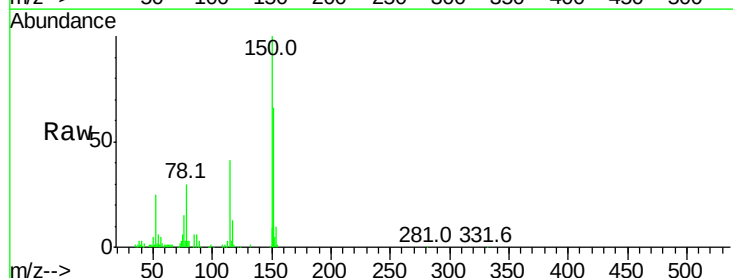
Instrument :
 BNA_G
 ClientSampleId :

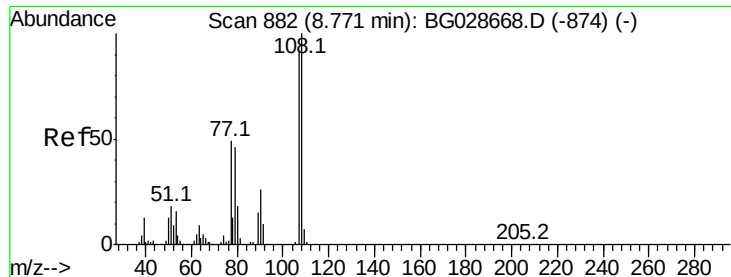
Tot Ion	Ratio	Lower	Upper
146	100		
148	76.2	54.6	81.8
111	410.9	39.7	59.5#



#15
 Benzyl Alcohol
 Concen: 1.354 ng
 RT: 8.65 min Scan# 861
 Delta R.T. 0.09 min
 Lab File: BG028677.D
 Acq: 12 Sep 2017 19:51

Tgt Ion	Ratio	Lower	Upper
79	100		
108	18.0	45.5	68.3#
77	97.5	54.3	81.5#





#17

2-Methylphenol

Concen: 0.028 ng

RT: 8.90 min Scan# 903

Delta R.T. 0.13 min

Lab File: BG028677.D

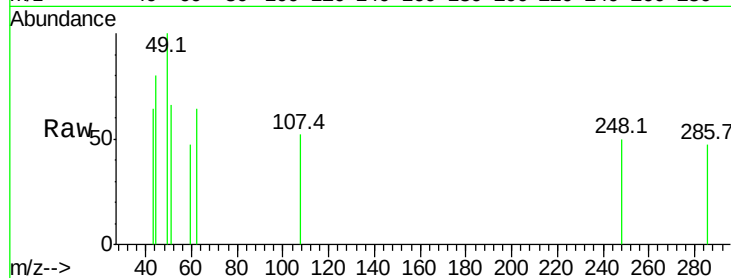
Acq: 12 Sep 2017 19:51

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	107	Resp:	61
Ion	Ratio	Lower	Upper
107	100		
108	0.0	85.6	128.4#
77	0.0	51.4	77.2#
79	0.0	49.2	73.8#

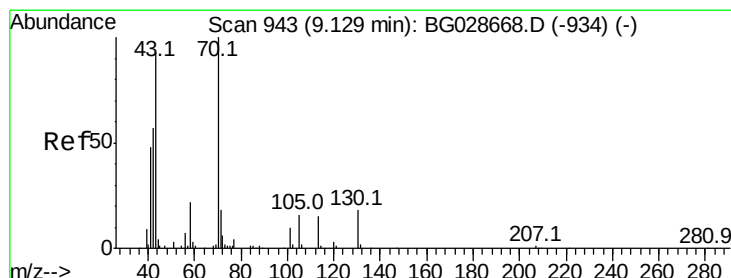
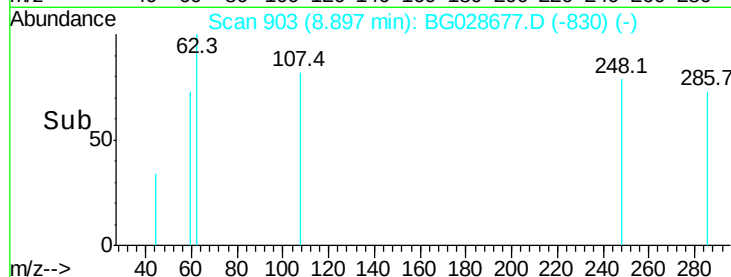
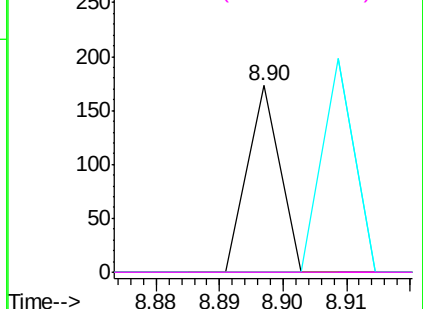


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 0.024 ng

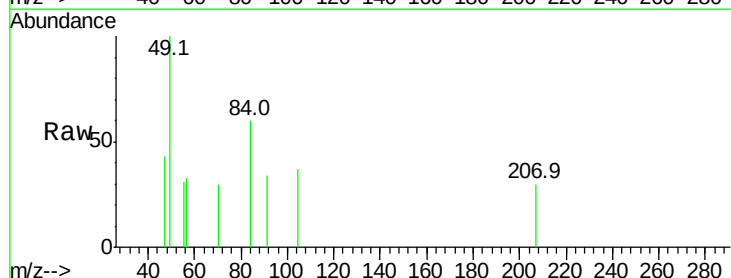
RT: 8.89 min Scan# 902

Delta R.T. -0.24 min

Lab File: BG028677.D

Acq: 12 Sep 2017 19:51

Tgt Ion:	70	Resp:	54
Ion	Ratio	Lower	Upper
70	100		
42	0.0	56.1	84.1#
101	0.0	7.5	11.3#
130	0.0	14.6	21.8#

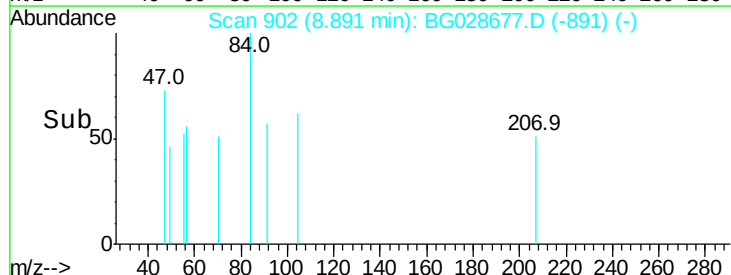
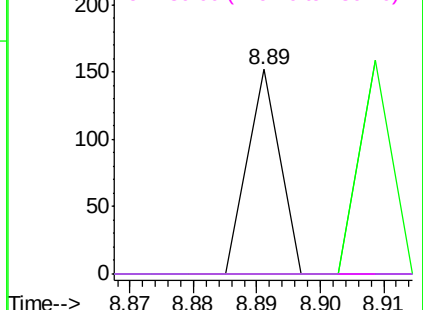


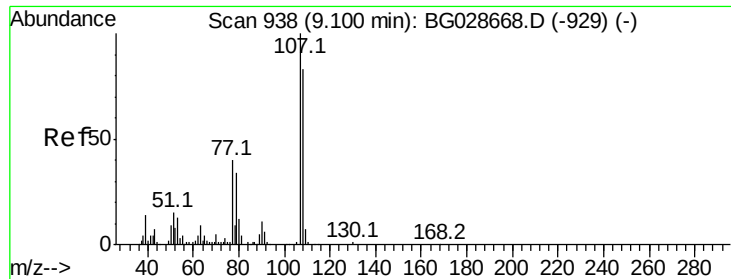
Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 0.020 ng

RT: 8.90 min Scan# 903

Delta R.T. -0.20 min

Lab File: BG028677.D

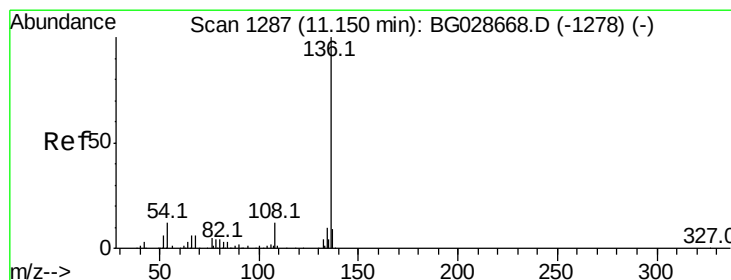
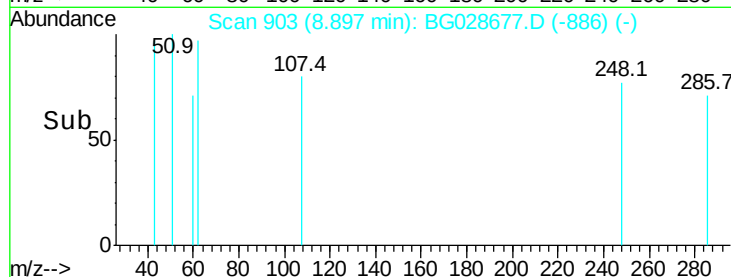
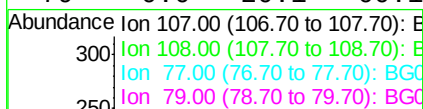
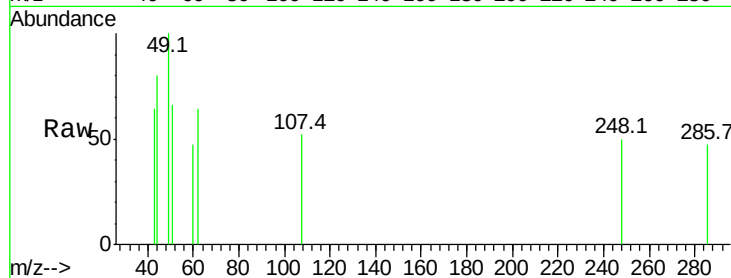
Acq: 12 Sep 2017 19:51

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107	Resp:	61
Ion	Ratio	Lower Upper
107	100	
108	0.0	70.8 110.8#
77	0.0	25.8 65.8#
79	0.0	20.1 60.1#



#21

Naphthalene-d8

Concen: 20.000 ng

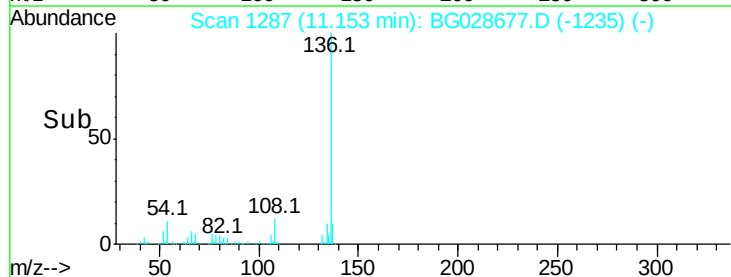
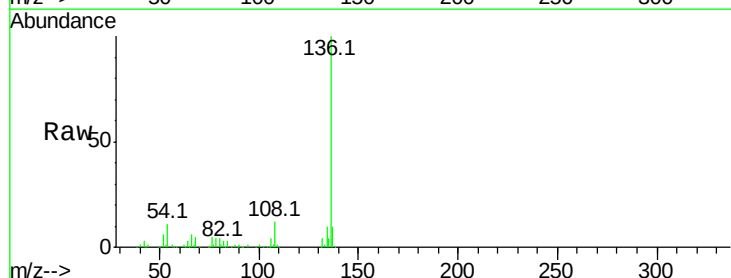
RT: 11.15 min Scan# 1287

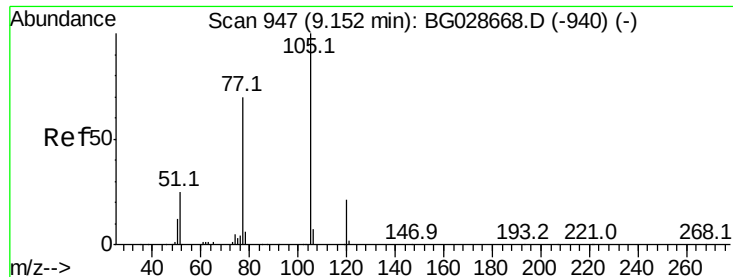
Delta R.T. 0.00 min

Lab File: BG028677.D

Acq: 12 Sep 2017 19:51

Tgt Ion:136	Resp:	139975
Ion	Ratio	Lower Upper
136	100	
137	10.0	8.9 13.3
54	10.5	9.3 13.9
68	4.9	5.1 7.7#





#22

Acetophenone

Concen: 0.015 ng

RT: 9.16 min Scan# 948

Delta R.T. 0.01 min

Lab File: BG028677.D

Acq: 12 Sep 2017 19:51

Instrument :

BNA_G

ClientSampled :

Tot Ion:105 Resp: 60

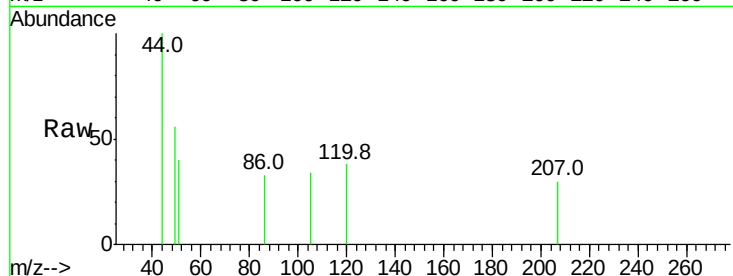
Ion Ratio Lower Upper

105 100

71 0.0 0.9 1.3#

51 116.4 34.0 51.0#

120 109.9 17.3 25.9#

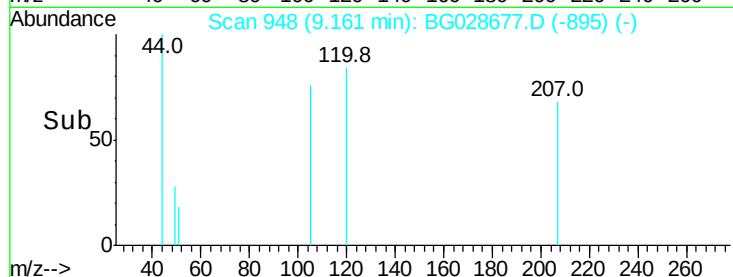
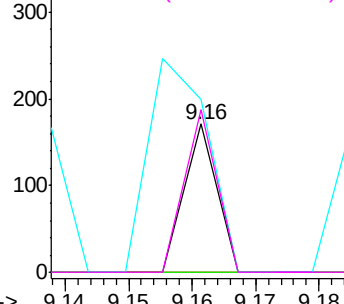


Abundance Ion 105.00 (104.70 to 105.70): E

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: 63.404 ng

RT: 9.50 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BG028677.D

Acq: 12 Sep 2017 19:51

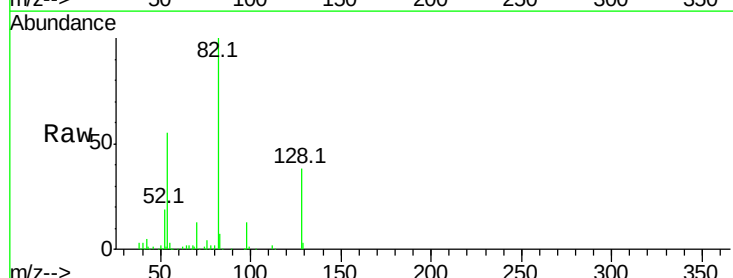
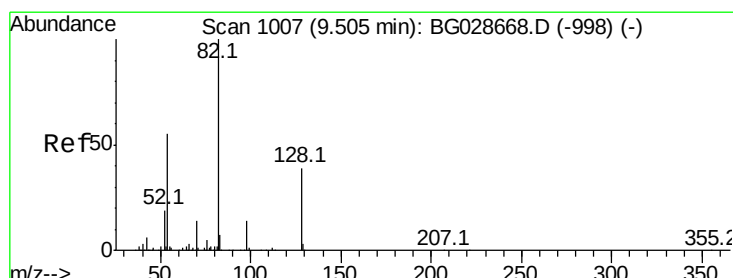
Tgt Ion: 82 Resp: 185524

Ion Ratio Lower Upper

82 100

128 38.0 26.4 39.6

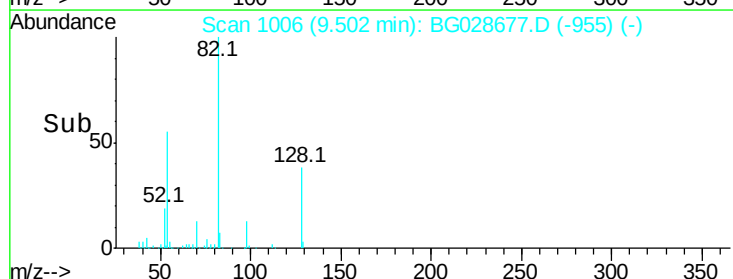
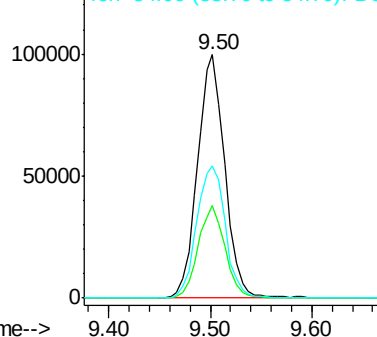
54 54.5 49.4 74.2

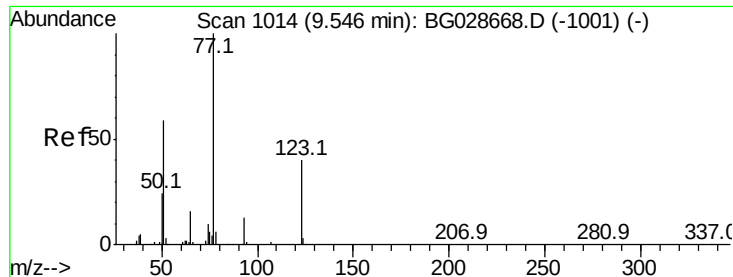


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#24

Nitrobenzene

Concen: 0.172 ng

RT: 9.51 min Scan# 1007

Delta R.T. -0.04 min

Lab File: BG028677.D

Acq: 12 Sep 2017 19:51

Instrument :

BNA_G

ClientSampleId :

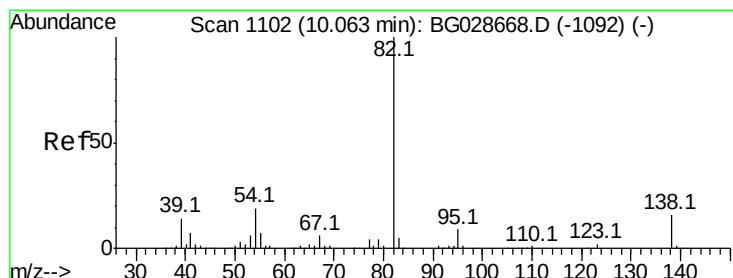
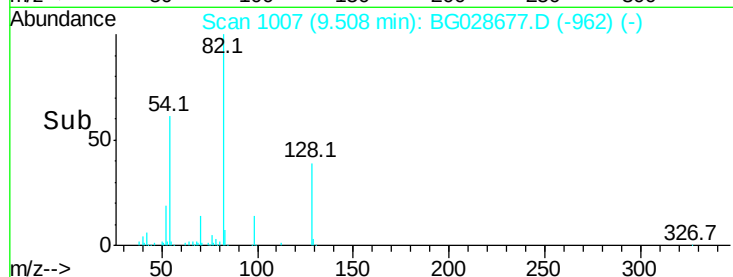
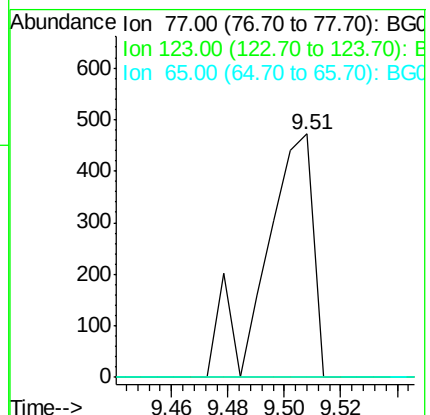
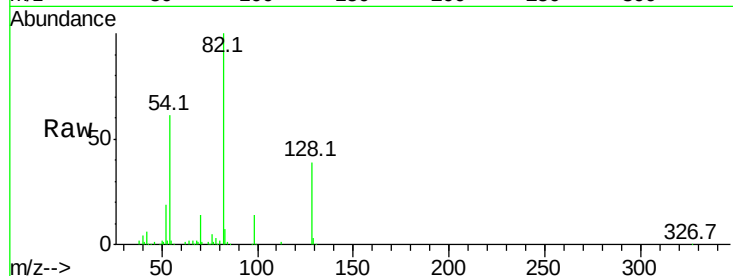
Tot Ion: 77 Resp: 556

Ion Ratio Lower Upper

77 100

123 0.0 26.1 39.1#

65 0.0 12.4 18.6#



#25

Isophorone

Concen: 0.012 ng

RT: 9.79 min Scan# 1055

Delta R.T. -0.27 min

Lab File: BG028677.D

Acq: 12 Sep 2017 19:51

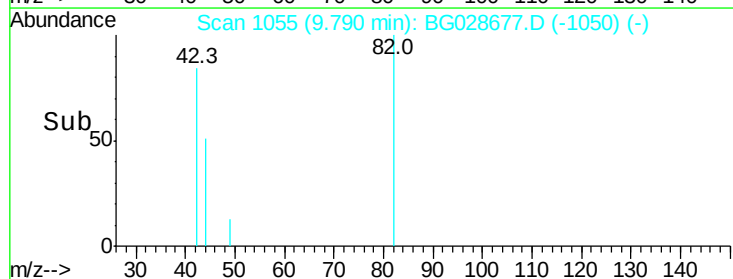
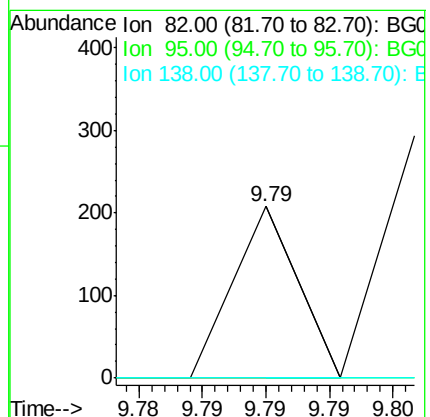
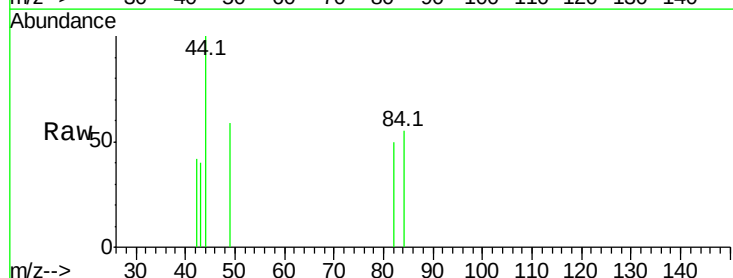
Tgt Ion: 82 Resp: 73

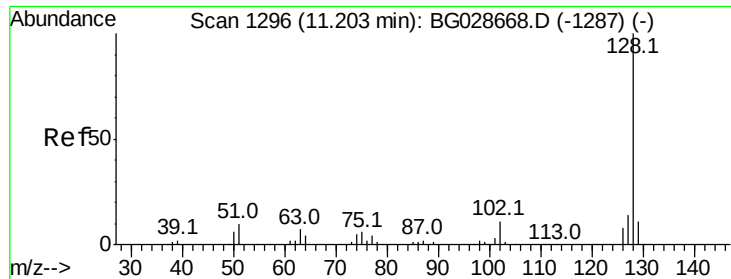
Ion Ratio Lower Upper

82 100

95 0.0 7.5 11.3#

138 0.0 12.3 18.5#

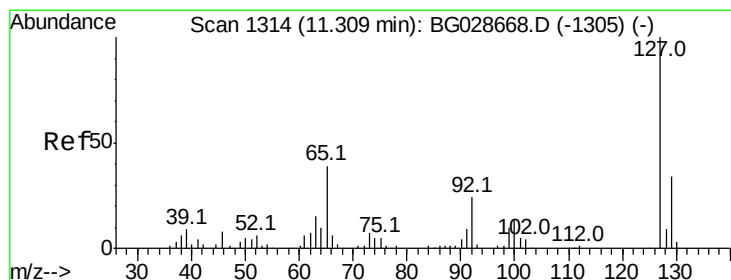
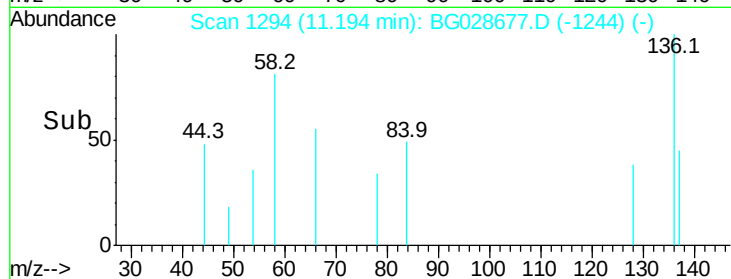
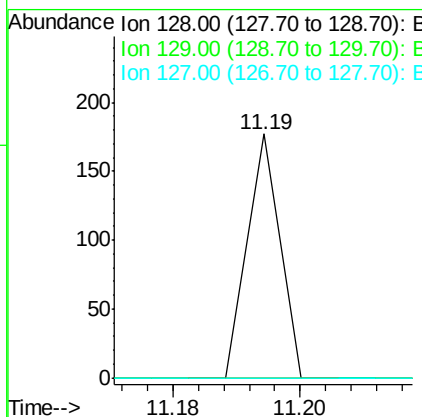
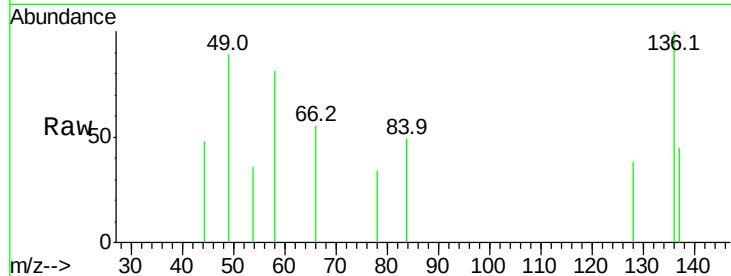




#31
Naphthalene
Concen: 0.008 ng
RT: 11.19 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BG028677.D
Acq: 12 Sep 2017 19:51

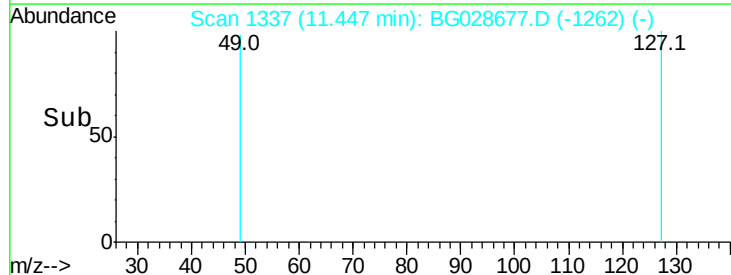
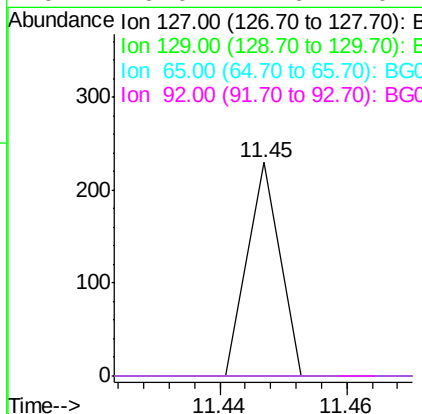
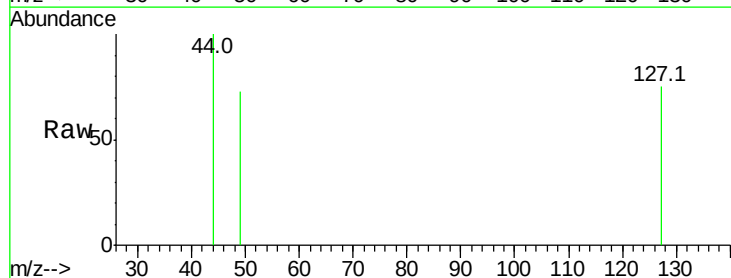
Instrument :
BNA_G
ClientSampleId :

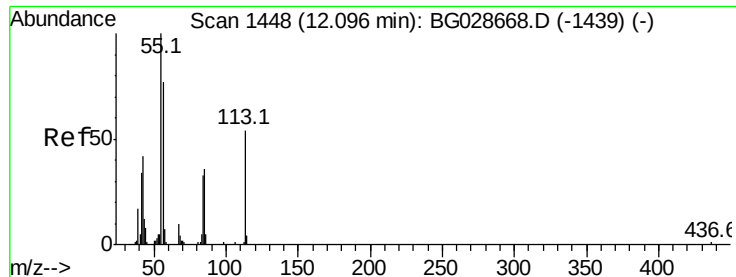
Tot Ion:128 Resp: 62
Ion Ratio Lower Upper
128 100
129 0.0 9.3 13.9#
127 0.0 11.4 17.0#



#33
4-Chloroaniline
Concen: 0.026 ng
RT: 11.45 min Scan# 1337
Delta R.T. 0.14 min
Lab File: BG028677.D
Acq: 12 Sep 2017 19:51

Tgt Ion:127 Resp: 81
Ion Ratio Lower Upper
127 100
129 0.0 23.6 35.4#
65 0.0 37.7 56.5#
92 0.0 17.6 26.4#

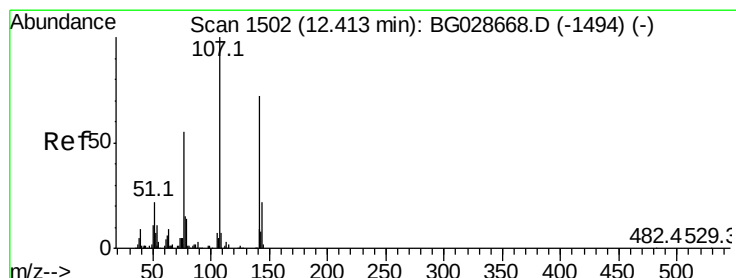
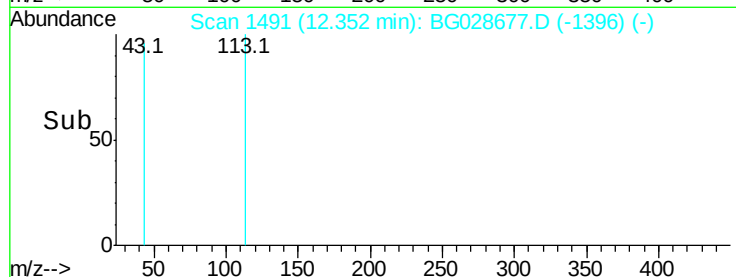
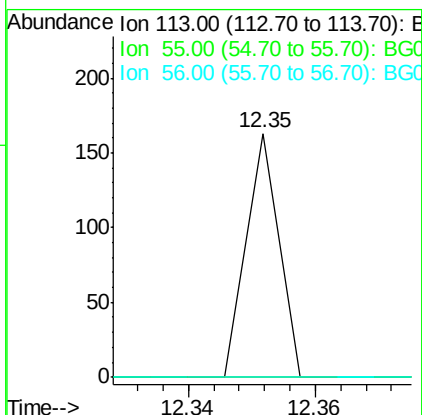
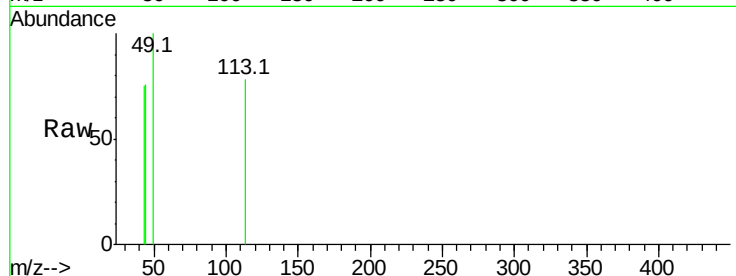




#35
 Caprolactam
 Concen: 0.063 ng
 RT: 12.35 min Scan# 1491
 Delta R.T. 0.26 min
 Lab File: BG028677.D
 Acq: 12 Sep 2017 19:51

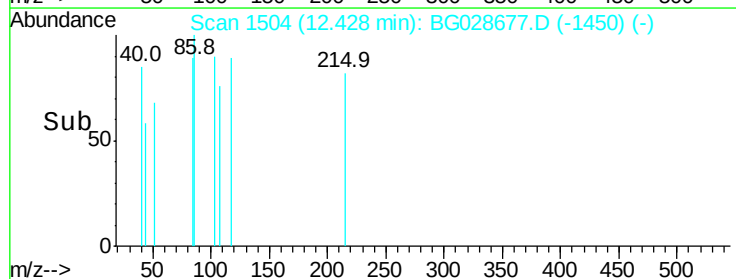
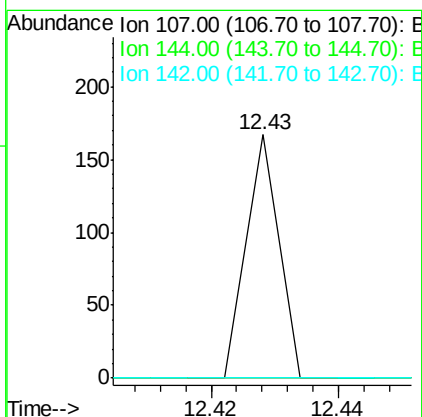
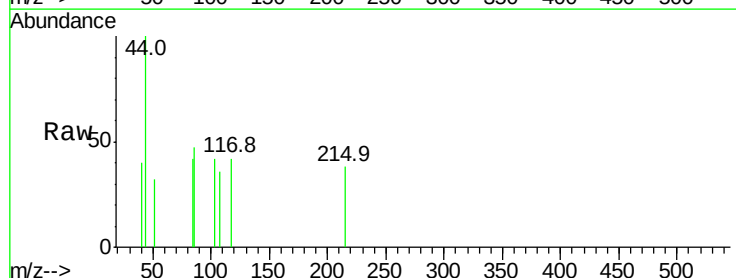
Instrument :
 BNA_G
 ClientSampleId :

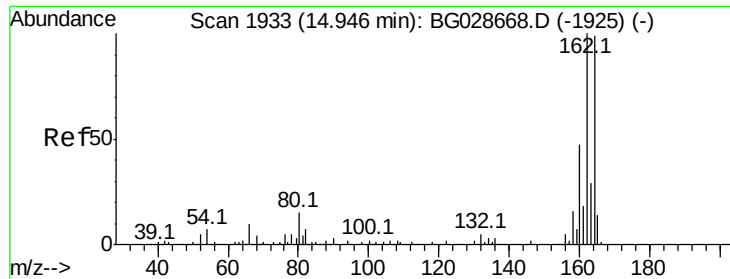
Tot Ion	Ratio	Lower	Upper
113	100		
55	0.0	198.6	238.6#
56	0.0	140.4	180.4#



#36
 4-Chloro-3-methylphenol
 Concen: 0.018 ng
 RT: 12.43 min Scan# 1504
 Delta R.T. 0.01 min
 Lab File: BG028677.D
 Acq: 12 Sep 2017 19:51

Tgt Ion	Ratio	Lower	Upper
107	100		
144	0.0	17.4	26.0#
142	0.0	54.1	81.1#

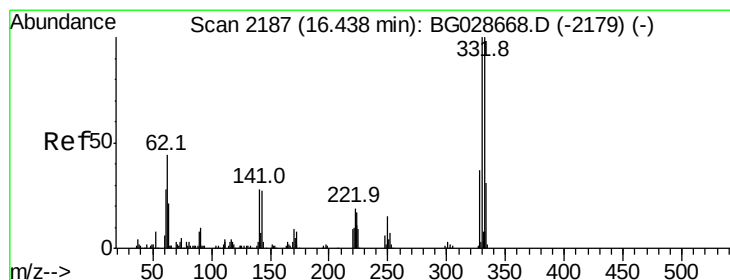
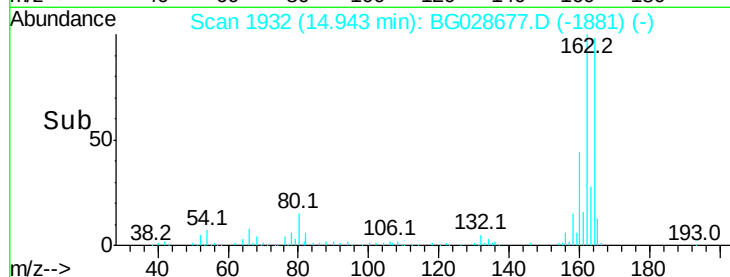
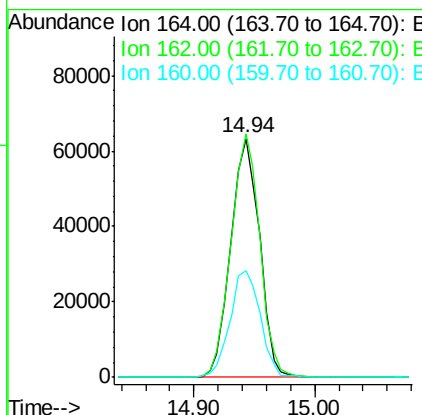
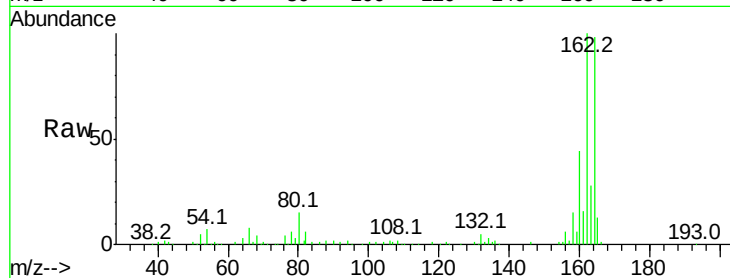




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.94 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BG028677.D
Acq: 12 Sep 2017 19:51

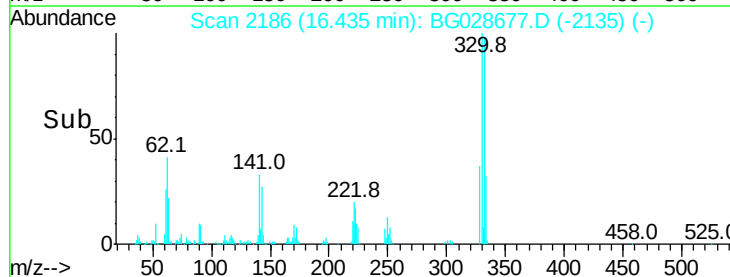
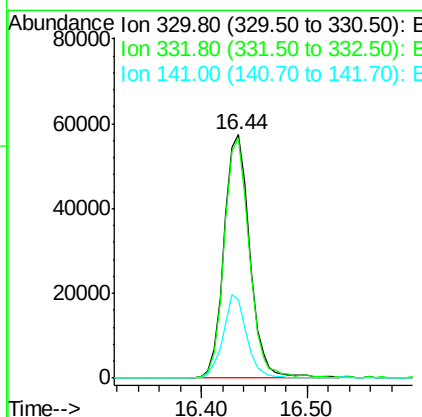
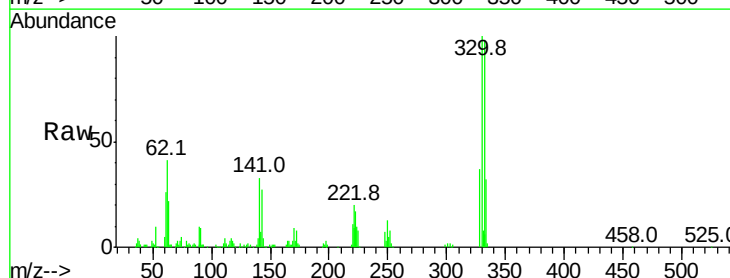
Instrument :
BNA_G
ClientSampleId :

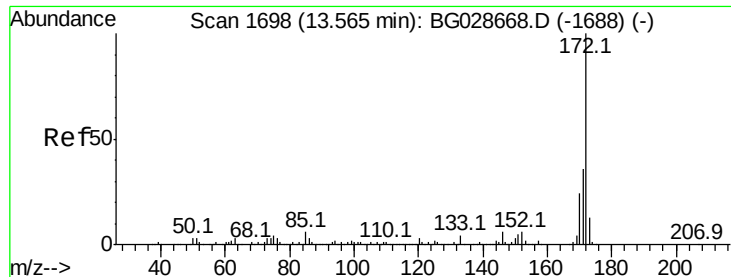
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.0	85.1	127.7
160	44.9	34.7	52.1



#41
2,4,6-Tribromophenol
Concen: 55.745 ng
RT: 16.44 min Scan# 2186
Delta R.T. -0.00 min
Lab File: BG028677.D
Acq: 12 Sep 2017 19:51

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.3	115.9
141	31.4	32.1	48.1#

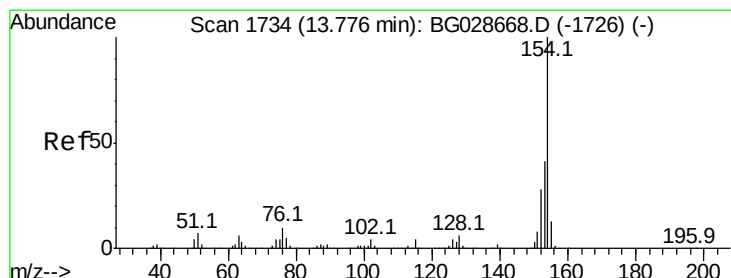
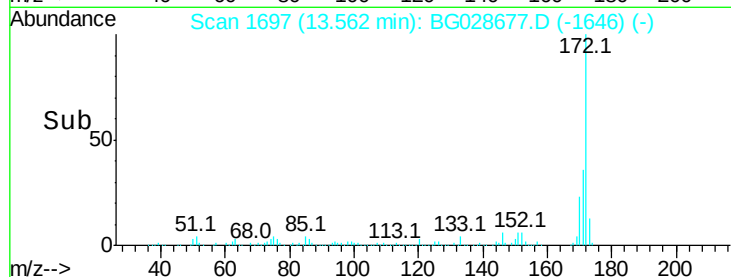
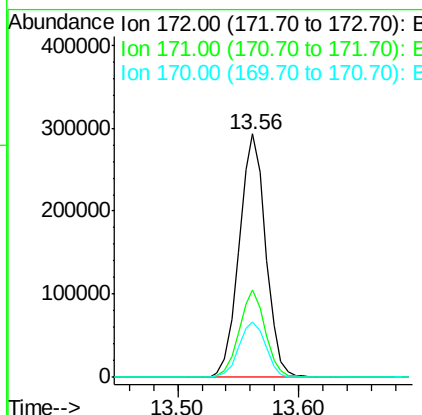
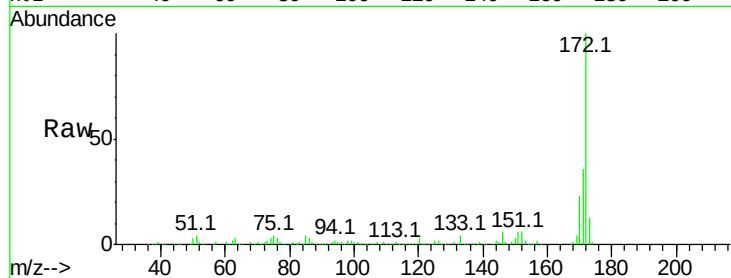




#44
2-Fluorobiphenyl
Concen: 56.847 ng
RT: 13.56 min Scan# 1697
Delta R.T. -0.00 min
Lab File: BG028677.D
Acq: 12 Sep 2017 19:51

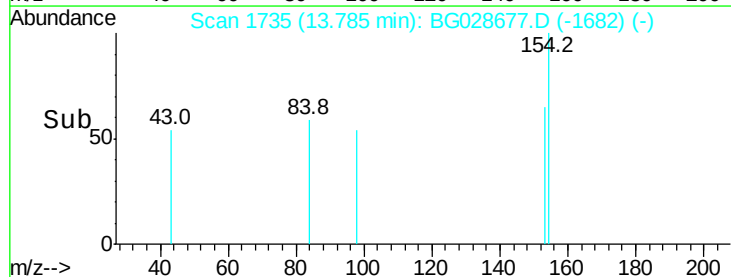
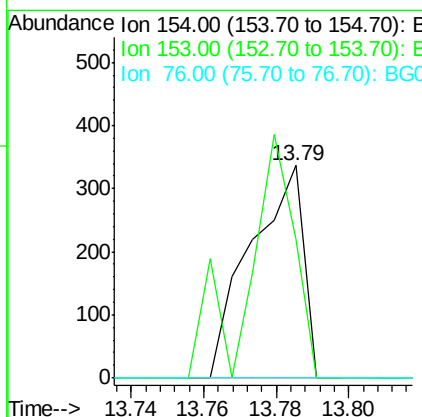
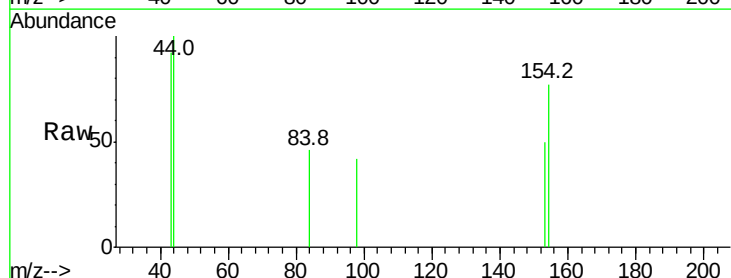
Instrument :
BNA_G
ClientSampleId :

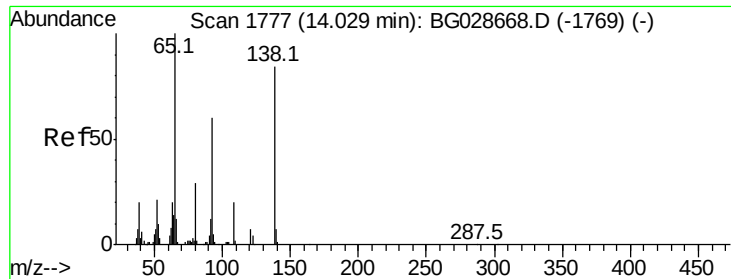
Tot Ion:172 Resp: 448984
Ion Ratio Lower Upper
172 100
171 35.9 32.2 48.2
170 22.8 21.8 32.6



#45
1,1'-Biphenyl
Concen: 0.039 ng
RT: 13.79 min Scan# 1735
Delta R.T. 0.01 min
Lab File: BG028677.D
Acq: 12 Sep 2017 19:51

Tgt Ion:154 Resp: 341
Ion Ratio Lower Upper
154 100
153 65.3 23.0 63.0#
76 0.0 0.0 33.5





#47

2-Nitroaniline

Concen: 0.026 ng

RT: 14.03 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BG028677.D

Acq: 12 Sep 2017 19:51

Instrument :

BNA_G

ClientSampleId :

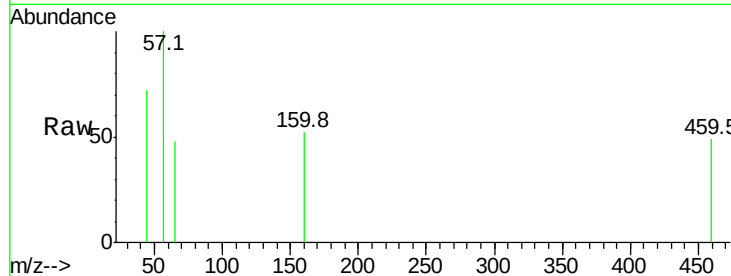
Tot Ion: 65 Resp: 62

Ion Ratio Lower Upper

65 100

92 0.0 49.0 73.4#

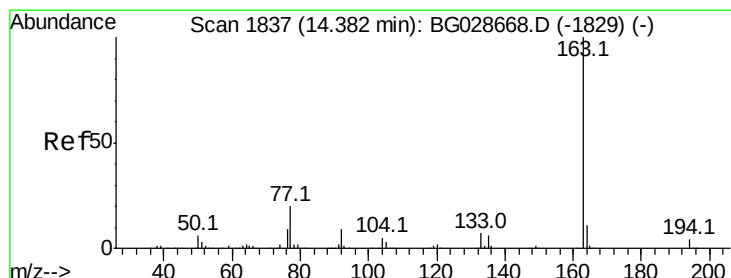
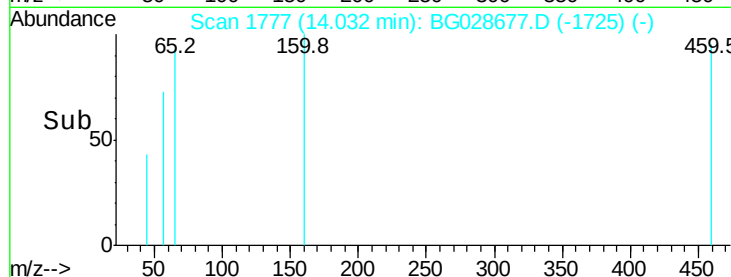
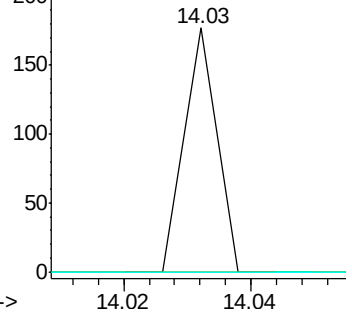
138 0.0 58.6 87.8#



Abundance Ion 65.00 (64.70 to 65.70): BG028668.D (-1769) (-)

Ion 92.00 (91.70 to 92.70): BG028668.D (-1769) (-)

Ion 138.00 (137.70 to 138.70): BG028668.D (-1769) (-)



#49

Dimethylphthalate

Concen: 6.105 ng

RT: 14.38 min Scan# 1836

Delta R.T. -0.00 min

Lab File: BG028677.D

Acq: 12 Sep 2017 19:51

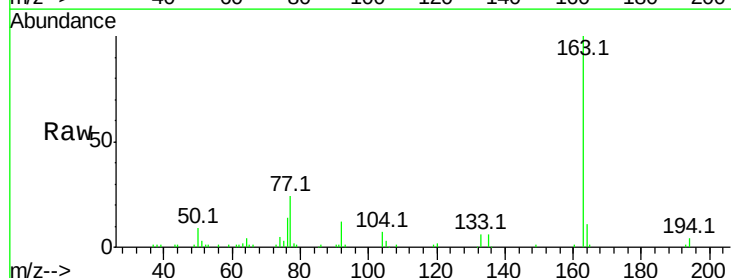
Tgt Ion: 163 Resp: 53916

Ion Ratio Lower Upper

163 100

194 4.3 3.8 5.6

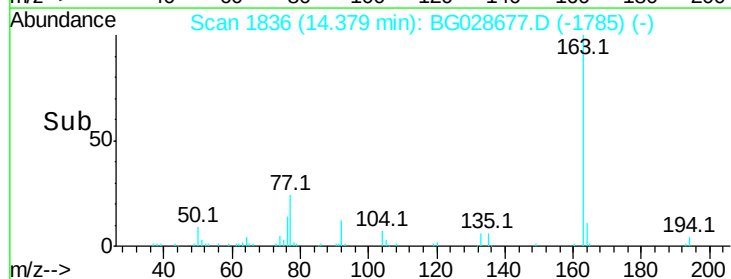
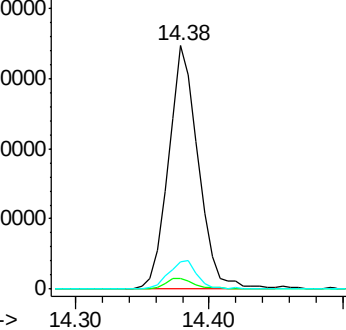
164 11.4 9.3 13.9

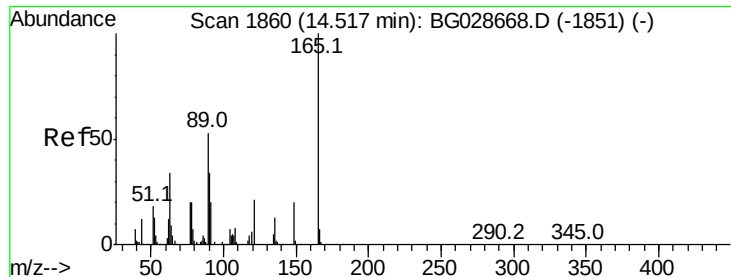


Abundance Ion 163.00 (162.70 to 163.70): BG028668.D (-1829) (-)

Ion 194.00 (193.70 to 194.70): BG028668.D (-1829) (-)

Ion 164.00 (163.70 to 164.70): BG028668.D (-1829) (-)





#50

2,6-Dinitrotoluene

Concen: 0.186 ng

RT: 14.38 min Scan# 1837

Delta R.T. -0.13 min

Lab File: BG028677.D

Acq: 12 Sep 2017 19:51

Instrument :

BNA_G

ClientSampleId :

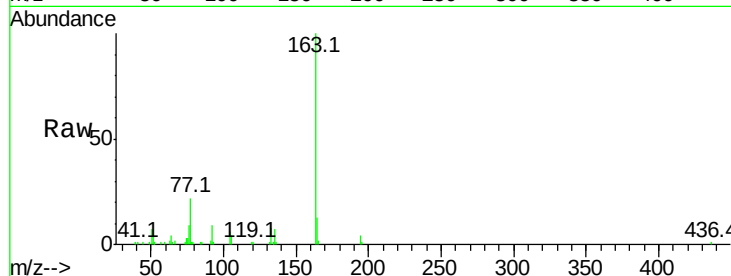
Tot Ion:165 Resp: 365

Ion Ratio Lower Upper

165 100

63 138.5 63.9 95.9#

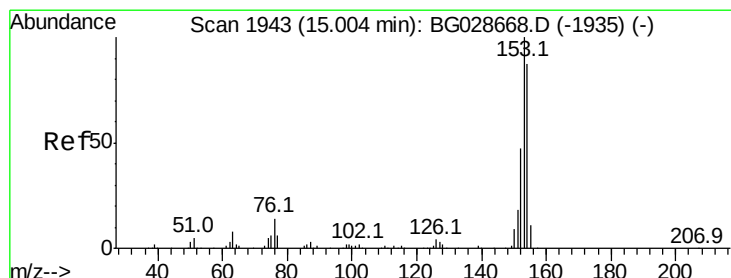
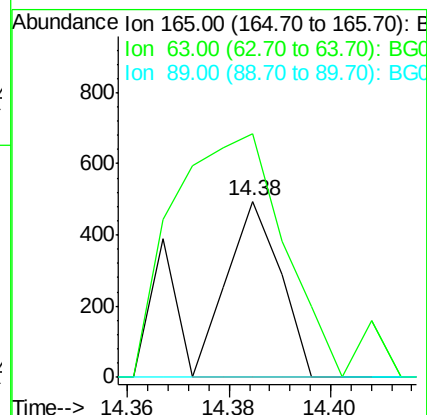
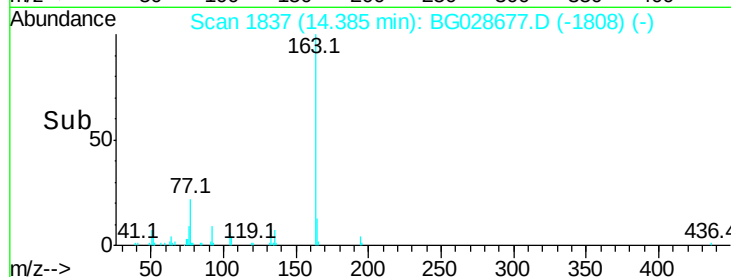
89 0.0 58.6 88.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#51

Acenaphthene

Concen: 0.013 ng

RT: 15.00 min Scan# 1942

Delta R.T. -0.00 min

Lab File: BG028677.D

Acq: 12 Sep 2017 19:51

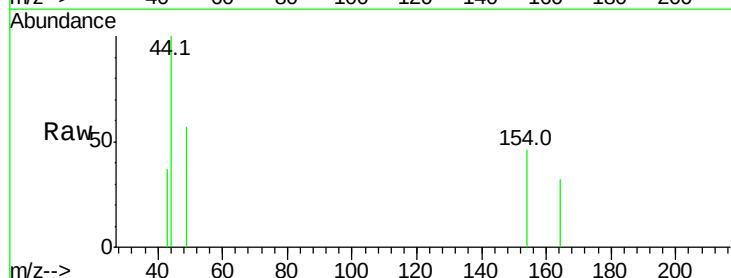
Tgt Ion:154 Resp: 81

Ion Ratio Lower Upper

154 100

153 0.0 87.8 131.6#

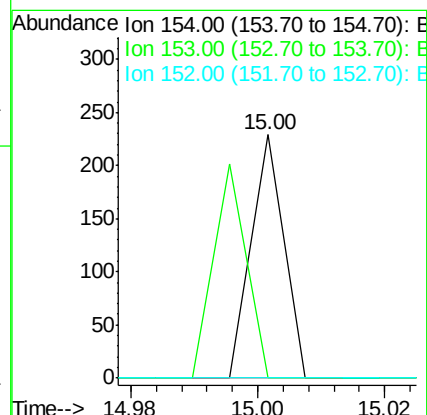
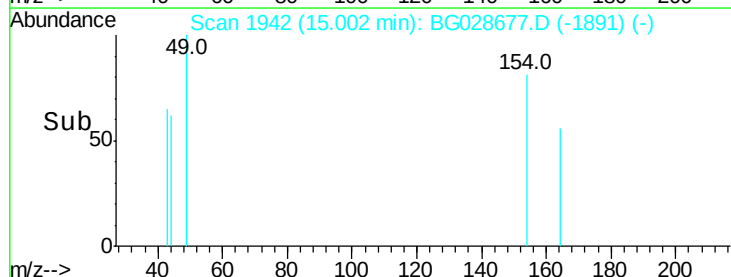
152 0.0 42.2 63.4#

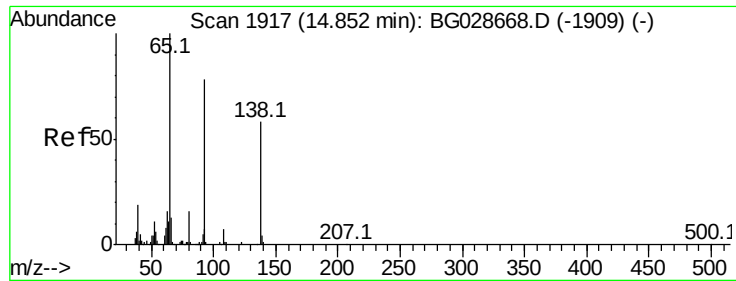


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 0.052 ng

RT: 14.93 min Scan# 1930

Delta R.T. 0.08 min

Lab File: BG028677.D

Acq: 12 Sep 2017 19:51

Instrument :

BNA_G

ClientSampleId :

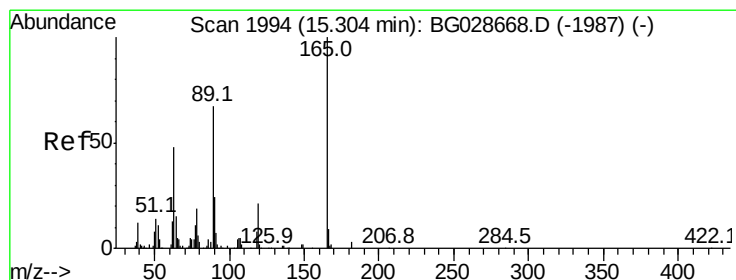
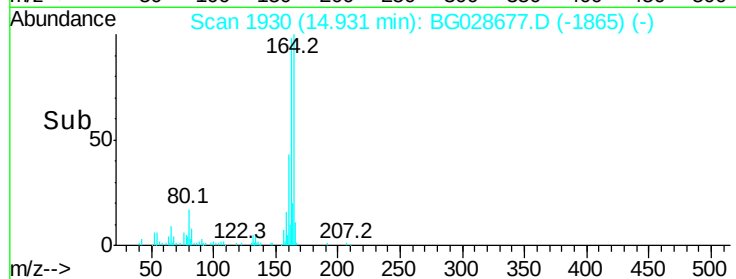
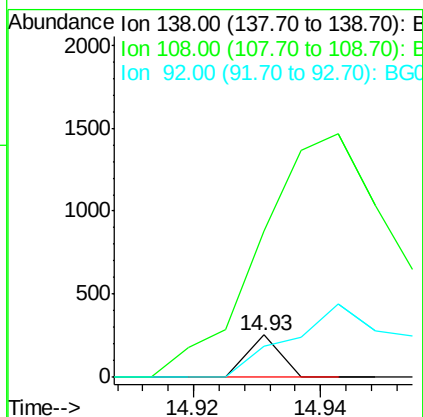
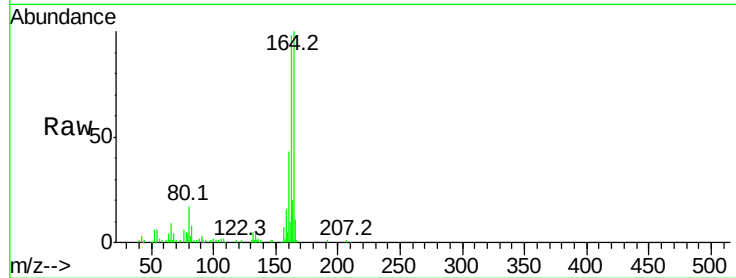
Tot Ion:138 Resp: 90

Ion Ratio Lower Upper

138 100

108 346.7 10.9 16.3#

92 74.5 115.3 172.9#



#56

2,4-Dinitrotoluene

Concen: 0.021 ng

RT: 15.27 min Scan# 1987

Delta R.T. -0.04 min

Lab File: BG028677.D

Acq: 12 Sep 2017 19:51

Tgt Ion:165 Resp: 58

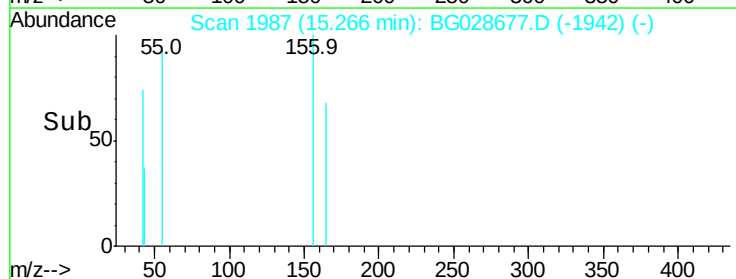
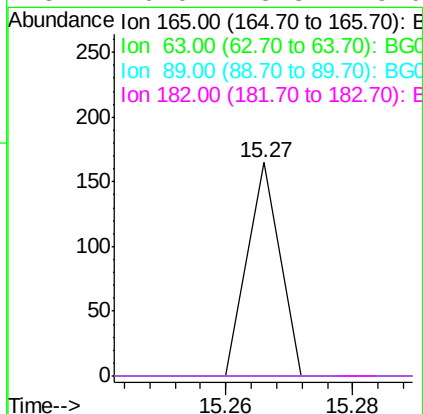
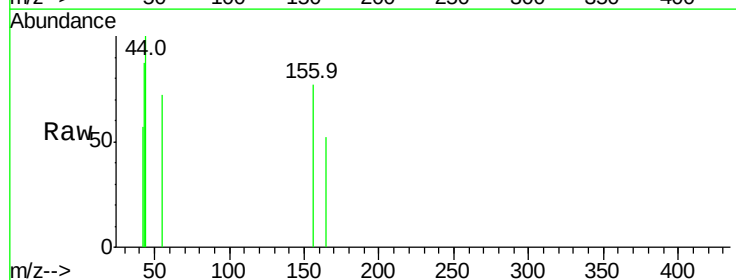
Ion Ratio Lower Upper

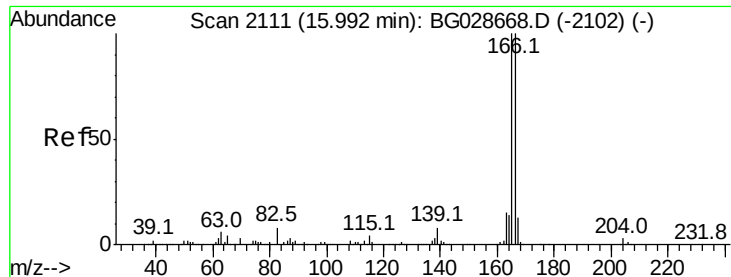
165 100

63 0.0 44.0 66.0#

89 0.0 67.3 100.9#

182 0.0 3.8 5.6#

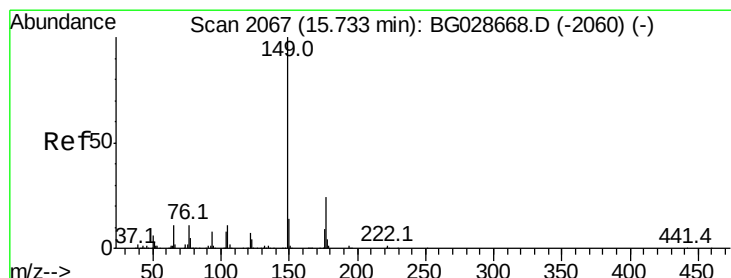
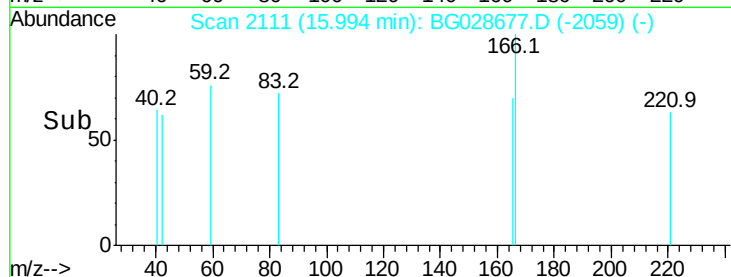
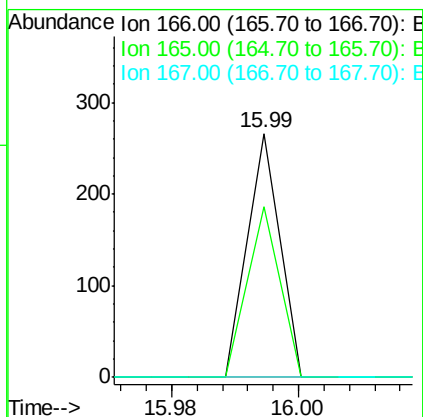
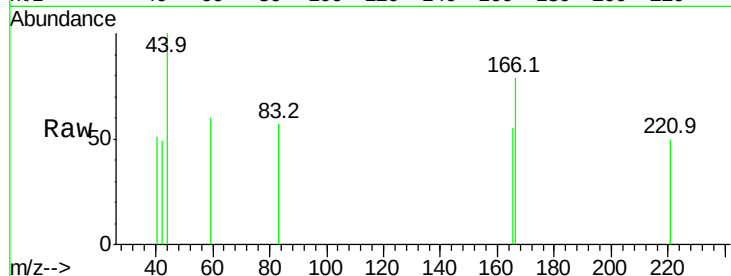




#57
Fluorene
Concen: 0.011 ng
RT: 15.99 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BG028677.D
Acq: 12 Sep 2017 19:51

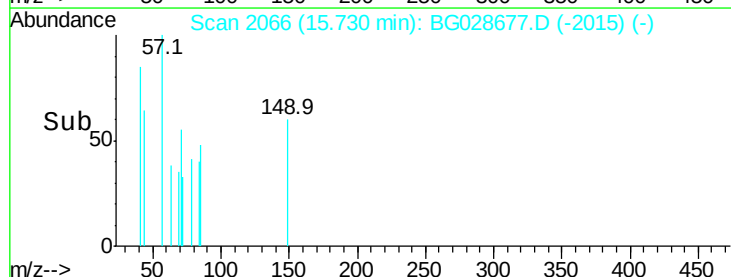
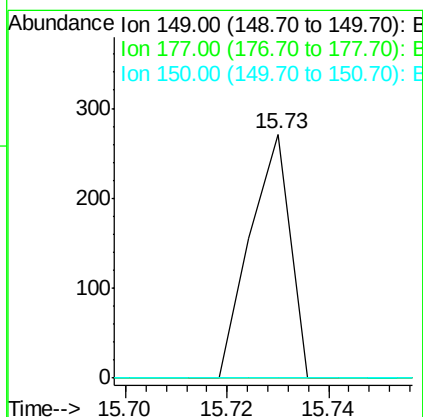
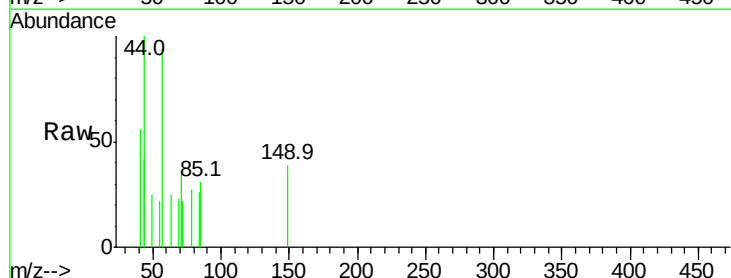
Instrument :
BNA_G
ClientSampleId :

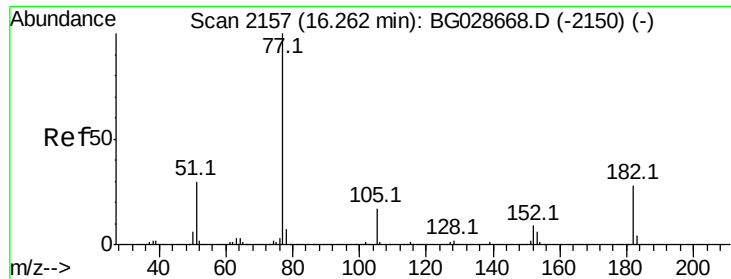
Tot Ion:166 Resp: 94
Ion Ratio Lower Upper
166 100
165 69.9 78.6 117.8#
167 0.0 11.6 17.4#



#59
Diethylphthalate
Concen: 0.017 ng
RT: 15.73 min Scan# 2066
Delta R.T. -0.00 min
Lab File: BG028677.D
Acq: 12 Sep 2017 19:51

Tgt Ion:149 Resp: 150
Ion Ratio Lower Upper
149 100
177 0.0 20.1 30.1#
150 0.0 10.2 15.2#





#62

Azobenzene

Concen: 0.007 ng

RT: 16.29 min Scan# 2161

Delta R.T. 0.03 min

Lab File: BG028677.D

Acq: 12 Sep 2017 19:51

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 53

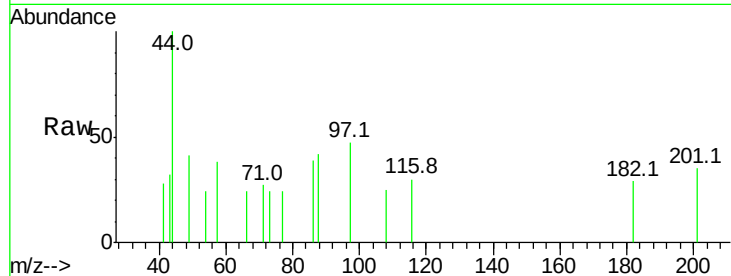
Ion Ratio Lower Upper

77 100

182 122.5 4.7 44.7#

105 0.0 0.0 36.3

51 0.0 16.4 56.4#

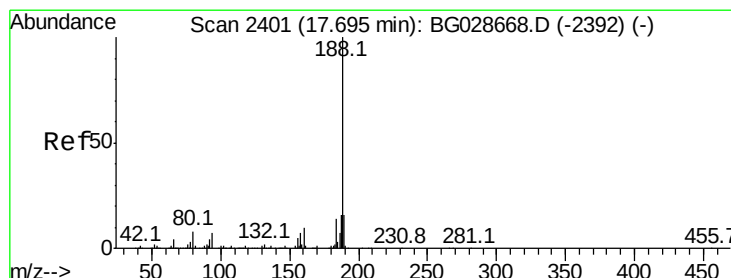
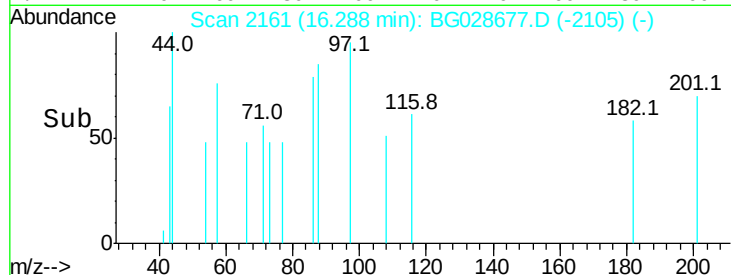
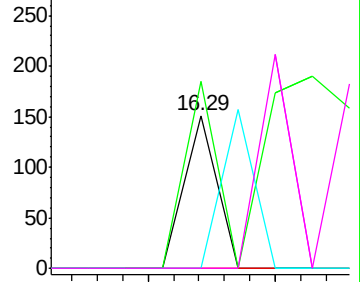


Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.69 min Scan# 2400

Delta R.T. -0.00 min

Lab File: BG028677.D

Acq: 12 Sep 2017 19:51

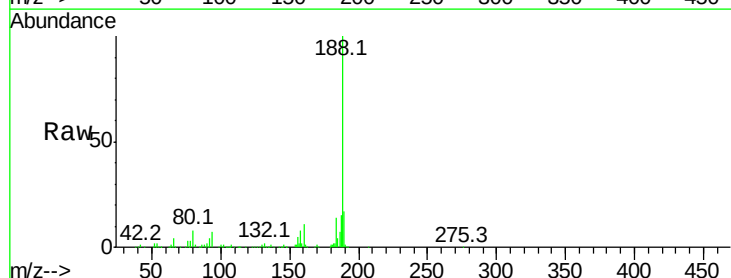
Tgt Ion: 188 Resp: 280083

Ion Ratio Lower Upper

188 100

94 6.9 5.8 8.8

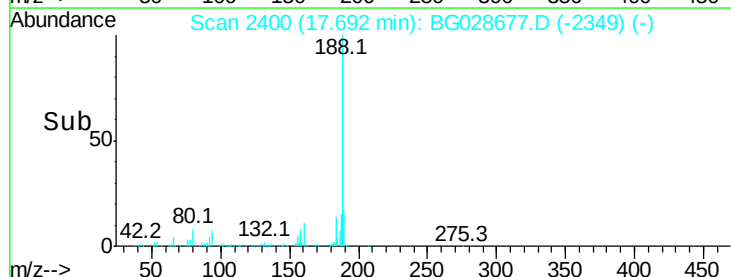
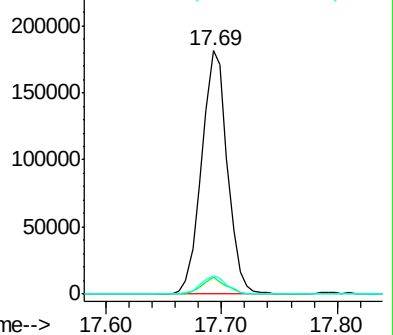
80 7.8 7.5 11.3

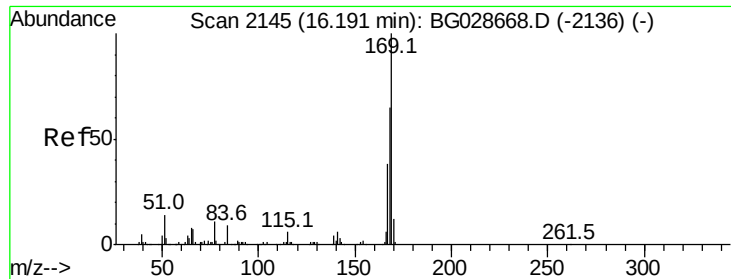


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

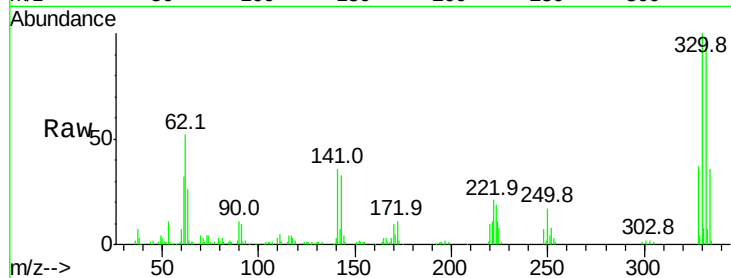




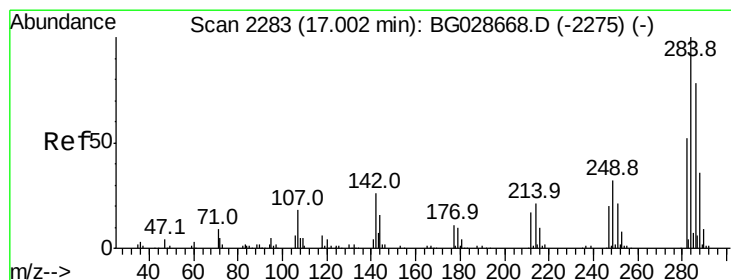
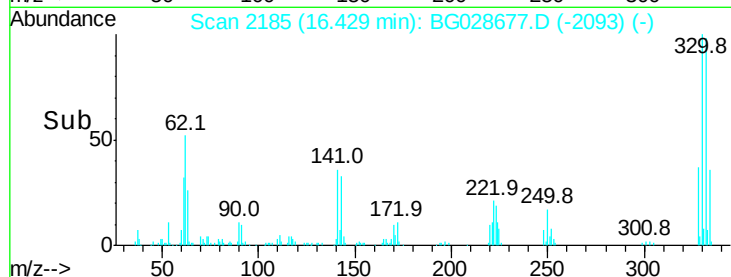
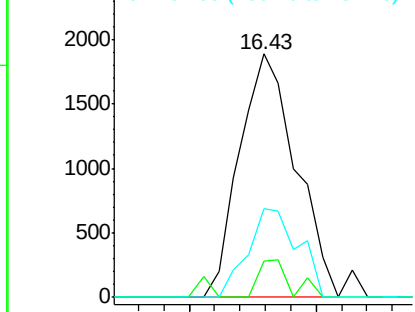
#65
n-Nitrosodiphenylamine
Concen: 0.365 ng
RT: 16.43 min Scan# 2185
Delta R.T. 0.24 min
Lab File: BG028677.D
Acq: 12 Sep 2017 19:51

Instrument :
BNA_G
ClientSampled :

Tot Ion:169 Resp: 2928
Ion Ratio Lower Upper
169 100
168 14.9 55.7 83.5#
167 36.2 29.8 44.6

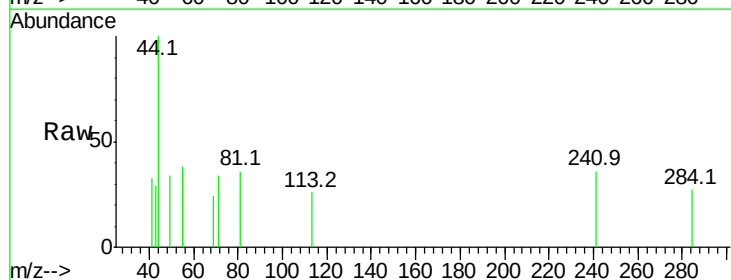


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

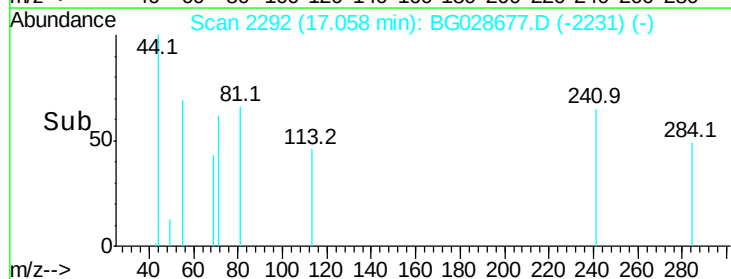
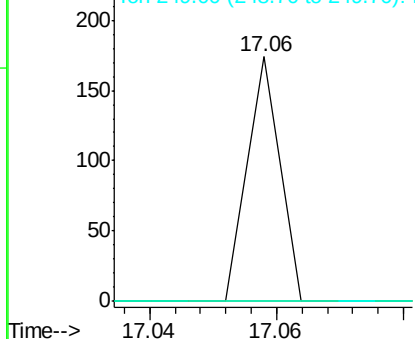


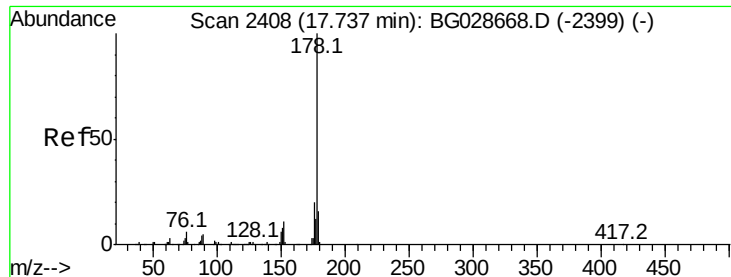
#67
Hexachlorobenzene
Concen: 0.015 ng
RT: 17.06 min Scan# 2292
Delta R.T. 0.06 min
Lab File: BG028677.D
Acq: 12 Sep 2017 19:51

Tgt Ion:284 Resp: 61
Ion Ratio Lower Upper
284 100
142 0.0 29.9 44.9#
249 0.0 29.2 43.8#



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





#70

Phenanthrene

Concen: 0.067 ng

RT: 17.74 min Scan# 2408

Delta R.T. 0.00 min

Lab File: BG028677.D

Acq: 12 Sep 2017 19:51

Instrument :

BNA_G

ClientSampleId :

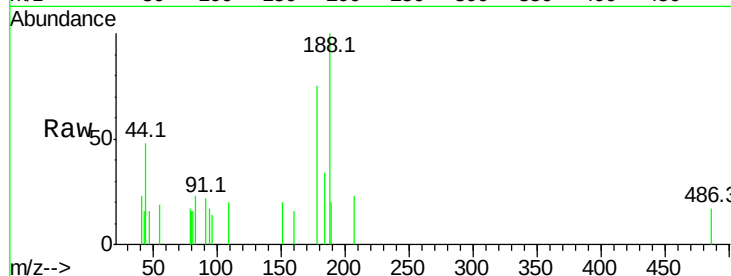
Tot Ion:178 Resp: 963

Ion Ratio Lower Upper

178 100

176 0.0 17.7 26.5#

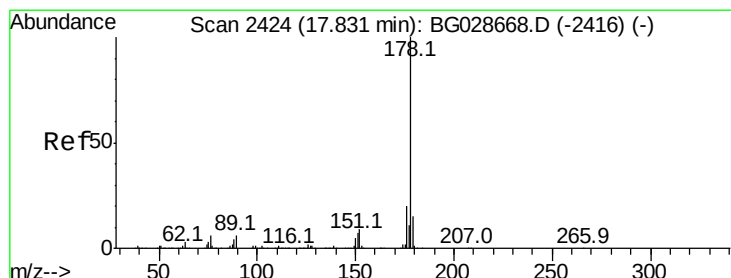
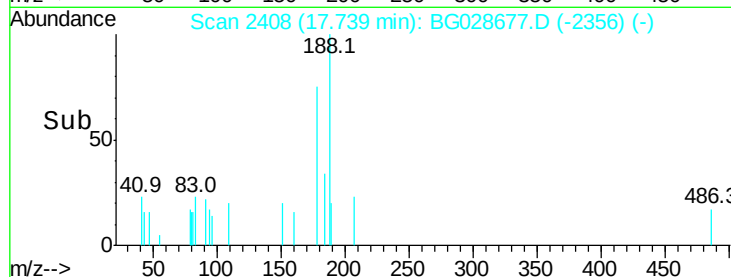
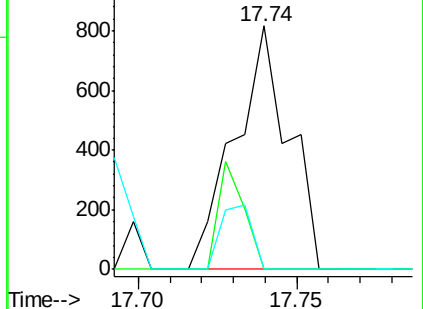
179 0.0 15.0 22.6#



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: 0.005 ng

RT: 17.85 min Scan# 2426

Delta R.T. 0.01 min

Lab File: BG028677.D

Acq: 12 Sep 2017 19:51

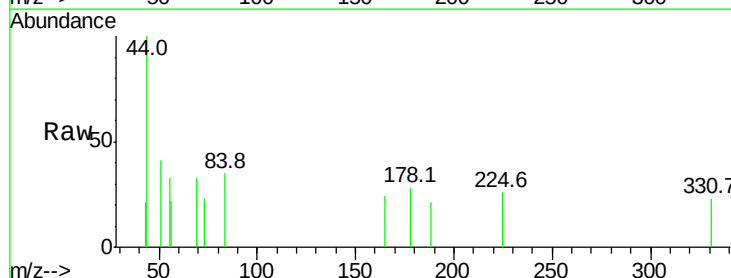
Tgt Ion:178 Resp: 72

Ion Ratio Lower Upper

178 100

176 0.0 16.4 24.6#

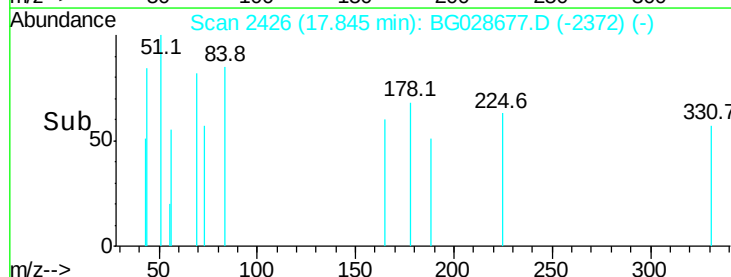
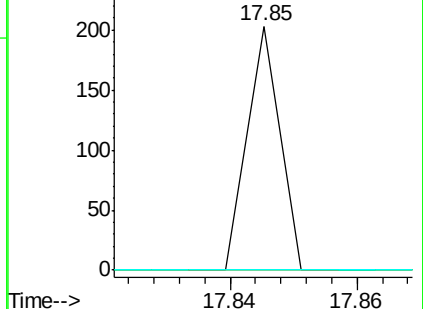
179 0.0 13.8 20.8#

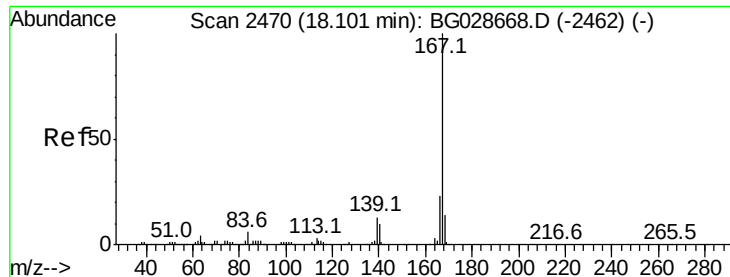


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 0.008 ng

RT: 18.13 min Scan# 2474

Delta R.T. 0.03 min

Lab File: BG028677.D

Acq: 12 Sep 2017 19:51

Instrument :

BNA_G

ClientSampleId :

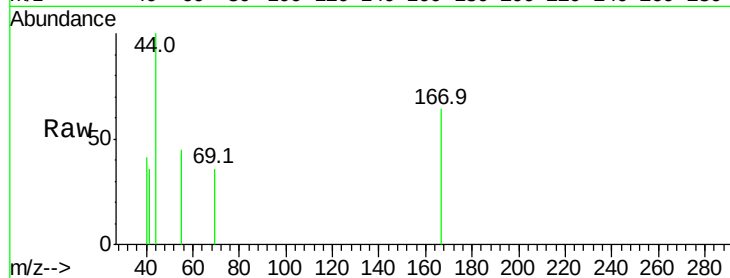
Tot Ion:167 Resp: 110

Ion Ratio Lower Upper

167 100

166 0.0 20.2 30.2#

139 0.0 12.8 19.2#



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

18.13

300

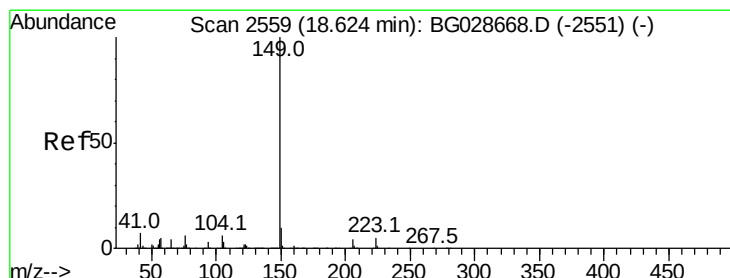
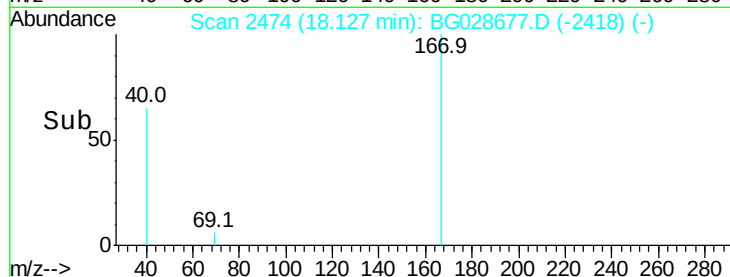
200

100

0

18.12 18.14

Time-->



#73

Di-n-butylphthalate

Concen: 0.018 ng

RT: 18.63 min Scan# 2559

Delta R.T. 0.00 min

Lab File: BG028677.D

Acq: 12 Sep 2017 19:51

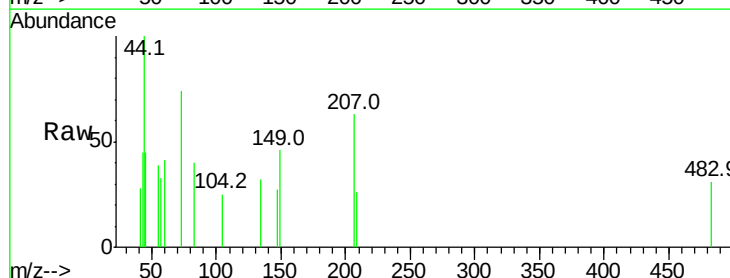
Tgt Ion:149 Resp: 293

Ion Ratio Lower Upper

149 100

150 0.0 9.1 13.7#

104 54.5 6.7 10.1#



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

18.63

300

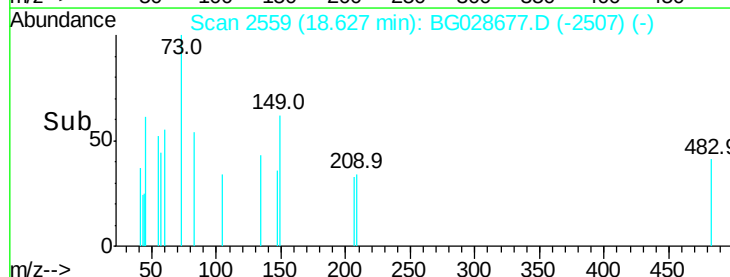
200

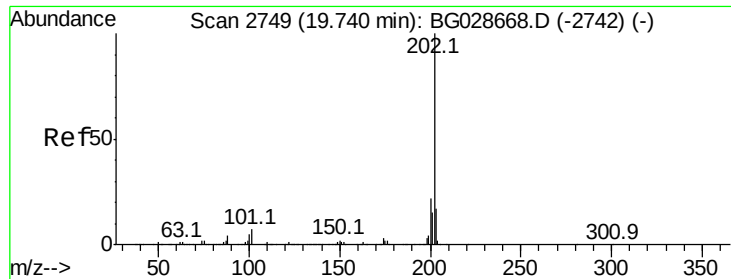
100

0

18.60 18.65

Time-->





#74

Fluoranthene

Concen: 0.063 ng

RT: 19.74 min Scan# 2748

Delta R.T. -0.00 min

Lab File: BG028677.D

Acq: 12 Sep 2017 19:51

Instrument :

BNA_G

ClientSampled :

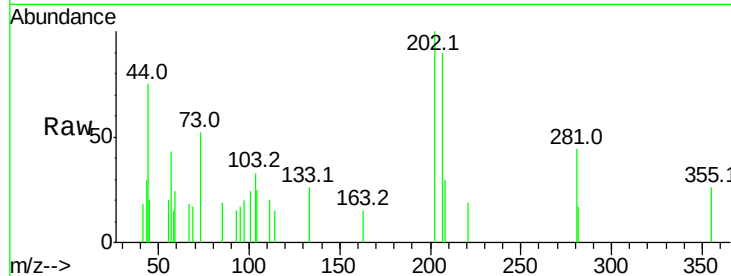
Tot Ion:202 Resp: 1102

Ion Ratio Lower Upper

202 100

101 23.7 0.0 30.1

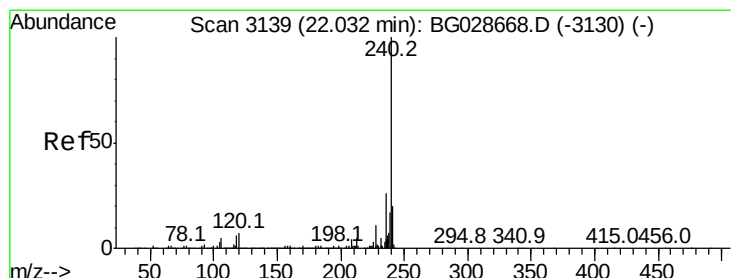
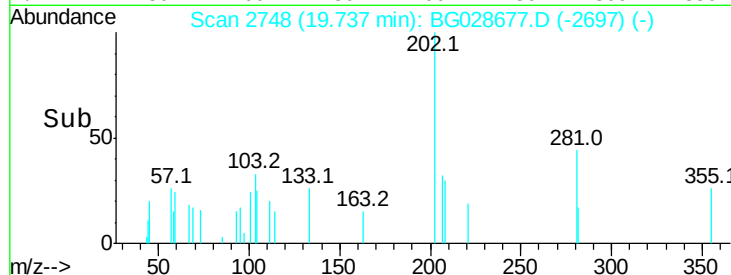
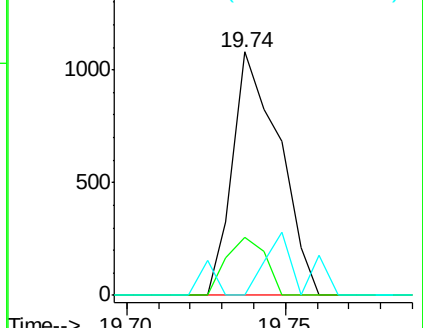
203 0.0 1.3 41.3#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.03 min Scan# 3138

Delta R.T. -0.00 min

Lab File: BG028677.D

Acq: 12 Sep 2017 19:51

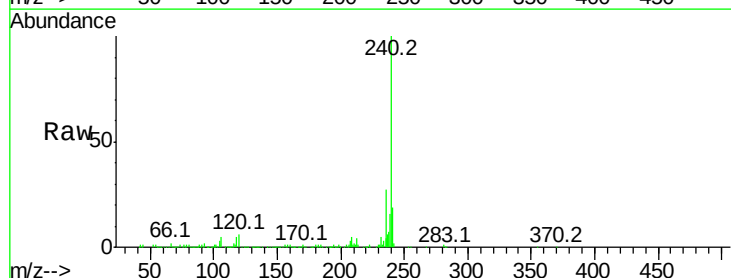
Tgt Ion:240 Resp: 316185

Ion Ratio Lower Upper

240 100

120 6.5 5.7 8.5

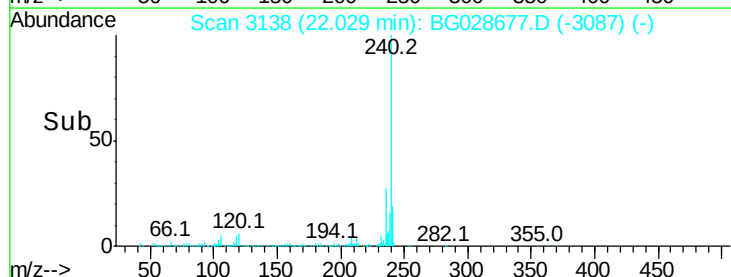
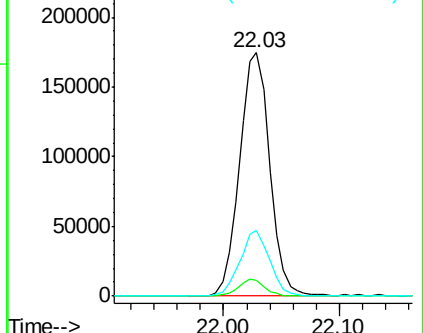
236 27.2 22.2 33.4

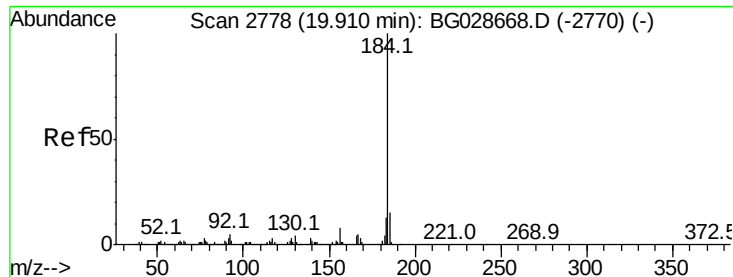


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 0.010 ng

RT: 19.93 min Scan# 2781

Delta R.T. 0.02 min

Lab File: BG028677.D

Acq: 12 Sep 2017 19:51

Instrument :

BNA_G

ClientSampleId :

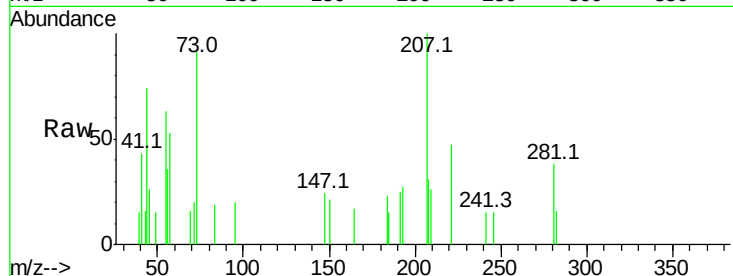
Tot Ion:184 Resp: 84

Ion Ratio Lower Upper

184 100

185 65.8 13.0 19.6#

183 0.0 11.0 16.6#



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

19.93

250

200

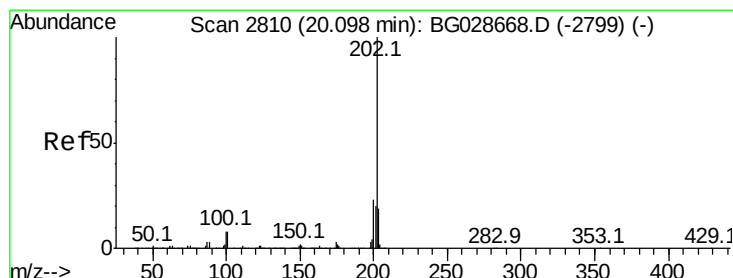
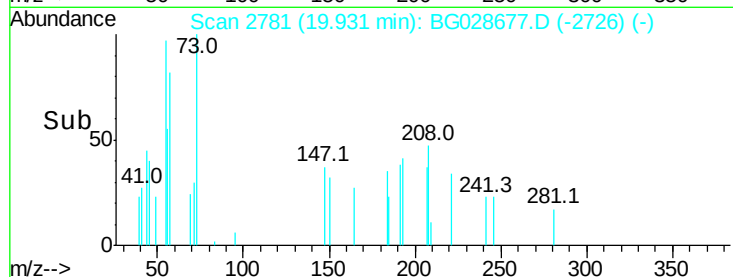
150

100

50

0

Time-->



#77

Pyrene

Concen: 0.053 ng

RT: 20.10 min Scan# 2809

Delta R.T. -0.00 min

Lab File: BG028677.D

Acq: 12 Sep 2017 19:51

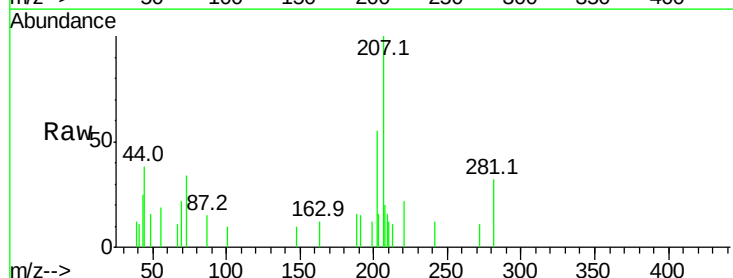
Tgt Ion:202 Resp: 970

Ion Ratio Lower Upper

202 100

200 0.0 19.6 29.4#

203 29.3 15.8 23.8#



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

20.10

1000

800

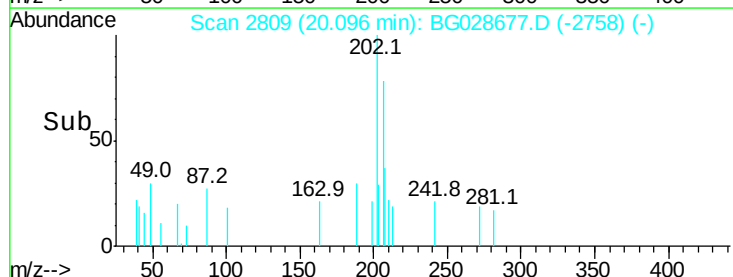
600

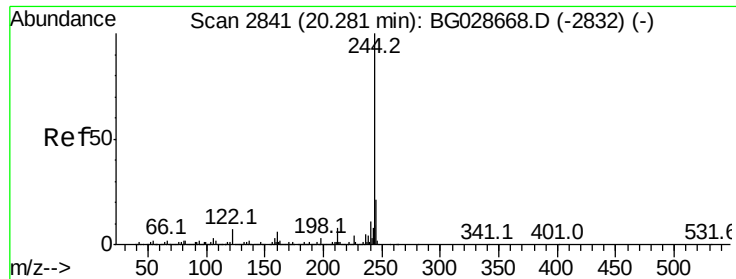
400

200

0

Time-->





#78

Terphenyl-d14

Concen: 47.792 ng

RT: 20.28 min Scan# 2840

Delta R.T. -0.00 min

Lab File: BG028677.D

Acq: 12 Sep 2017 19:51

Instrument :

BNA_G

ClientSampleId :

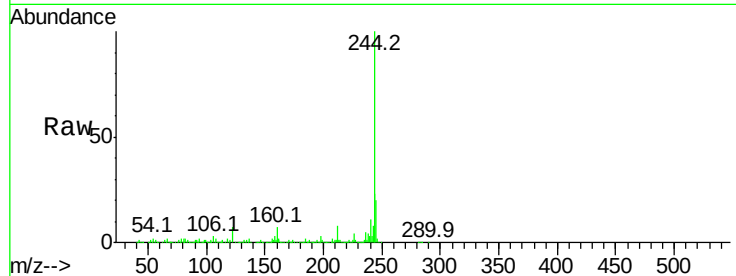
Tot Ion:244 Resp: 708590

Ion	Ratio	Lower	Upper
244	100		
212	8.2	10.0	15.0#
122	6.9	8.6	12.8#

244 100

212 8.2 10.0 15.0#

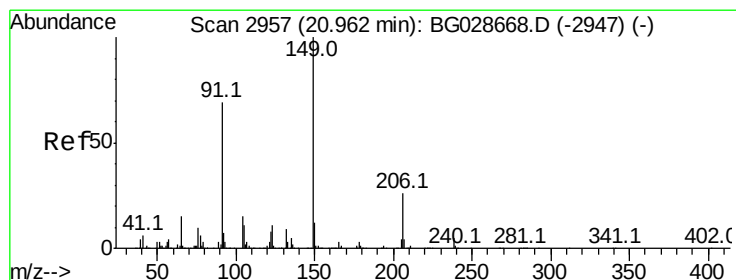
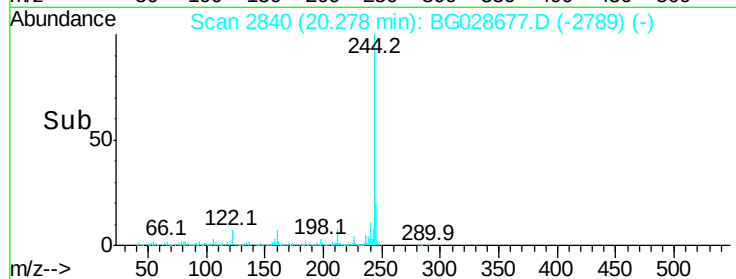
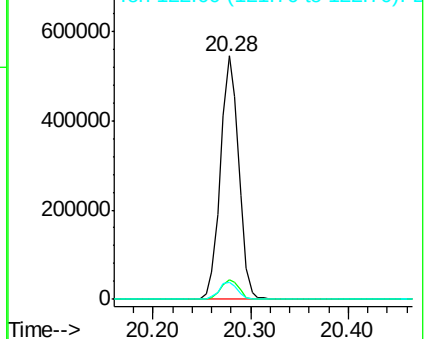
122 6.9 8.6 12.8#



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: 0.008 ng

RT: 20.95 min Scan# 2954

Delta R.T. -0.01 min

Lab File: BG028677.D

Acq: 12 Sep 2017 19:51

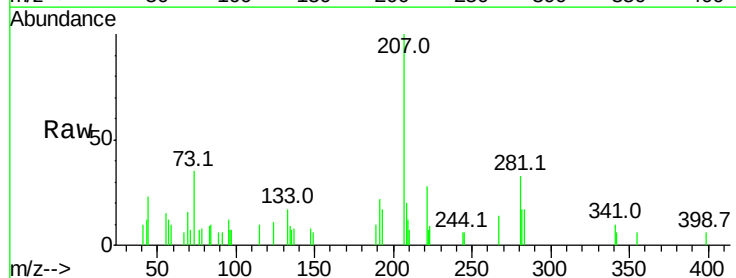
Tgt Ion:149 Resp: 60

Ion	Ratio	Lower	Upper
149	100		
91	93.5	63.5	95.3
206	0.0	21.0	31.6#

149 100

91 93.5 63.5 95.3

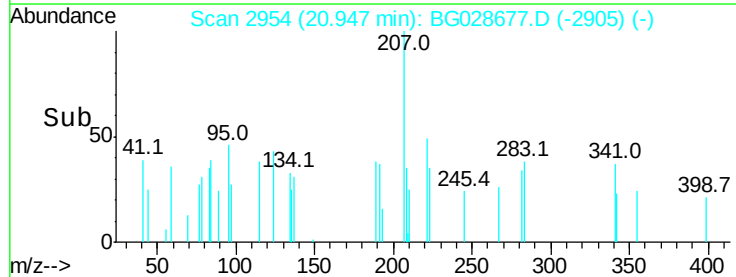
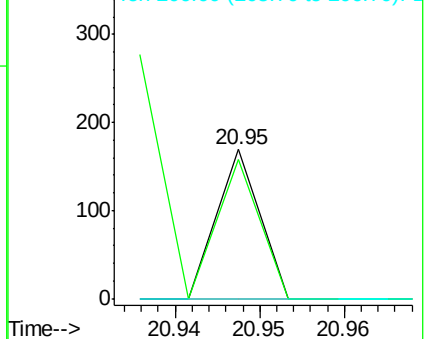
206 0.0 21.0 31.6#

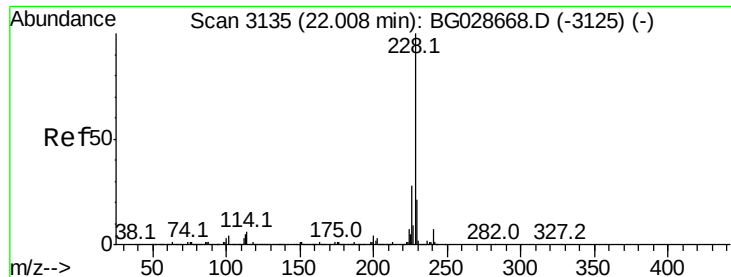


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.072 ng

RT: 22.02 min Scan# 3136

Delta R.T. 0.01 min

Lab File: BG028677.D

Acq: 12 Sep 2017 19:51

Instrument :

BNA_G

ClientSampleId :

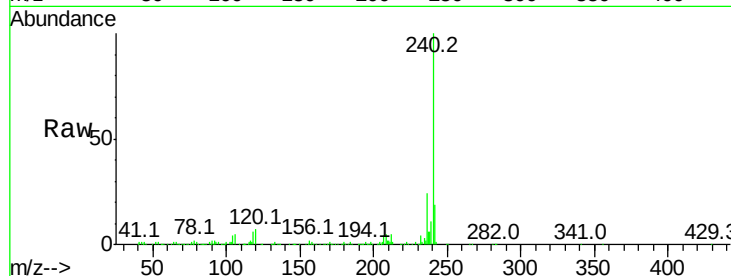
Tot Ion:228 Resp: 1374

Ion	Ratio	Lower	Upper
228	100		
226	18.8	24.9	37.3#
229	0.0	18.2	27.2#

228 100

226 18.8 24.9 37.3#

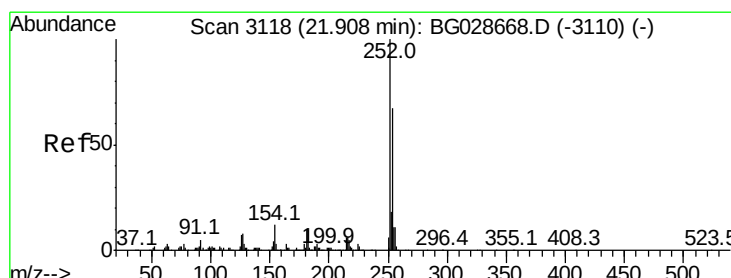
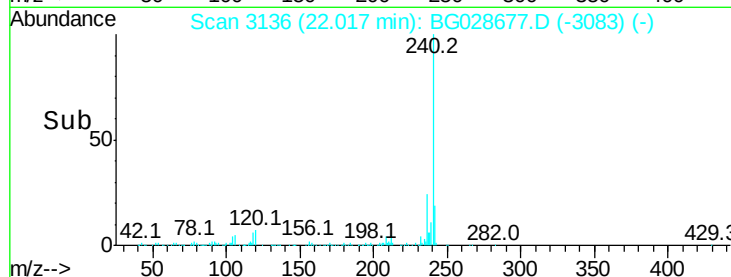
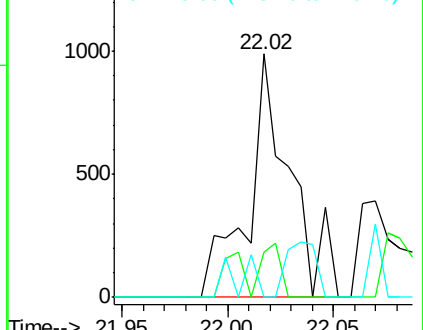
229 0.0 18.2 27.2#



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: 0.009 ng

RT: 21.92 min Scan# 3119

Delta R.T. 0.01 min

Lab File: BG028677.D

Acq: 12 Sep 2017 19:51

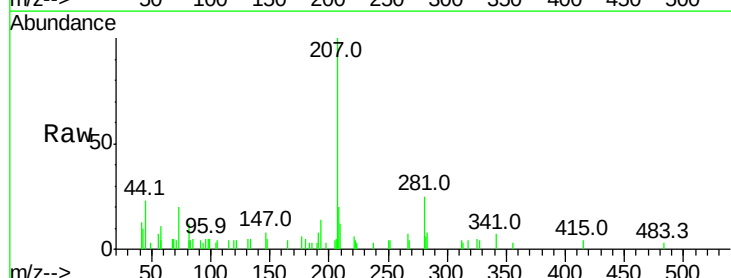
Tgt Ion:252 Resp: 73

Ion	Ratio	Lower	Upper
252	100		
254	0.0	53.1	79.7#
126	0.0	7.0	10.4#

252 100

254 0.0 53.1 79.7#

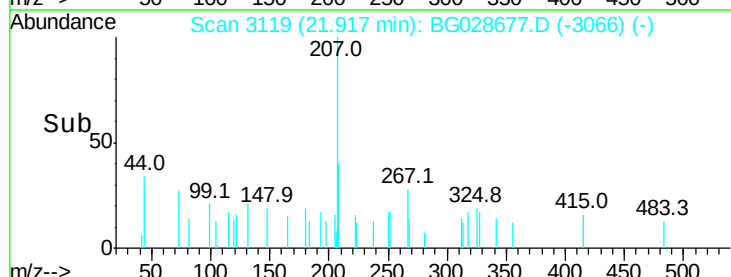
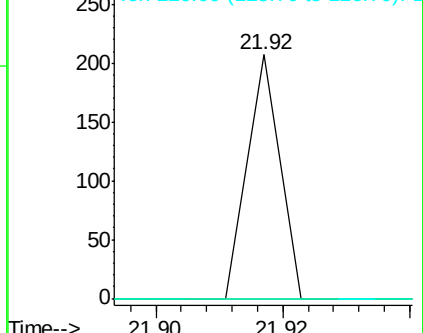
126 0.0 7.0 10.4#

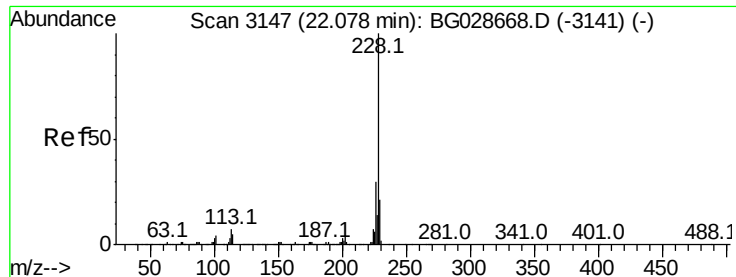


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 0.031 ng

RT: 22.07 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG028677.D

Acq: 12 Sep 2017 19:51

Instrument :

BNA_G

ClientSampled :

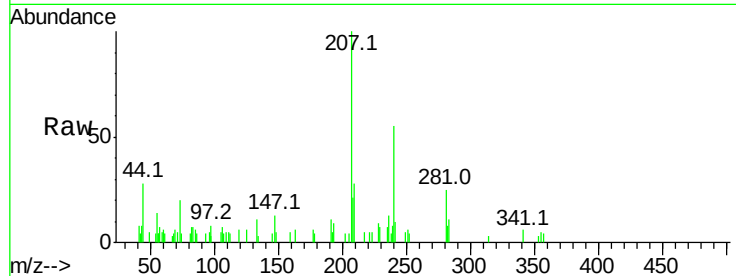
Tot Ion:228 Resp: 561

Ion Ratio Lower Upper

228 100

226 0.0 27.0 40.4#

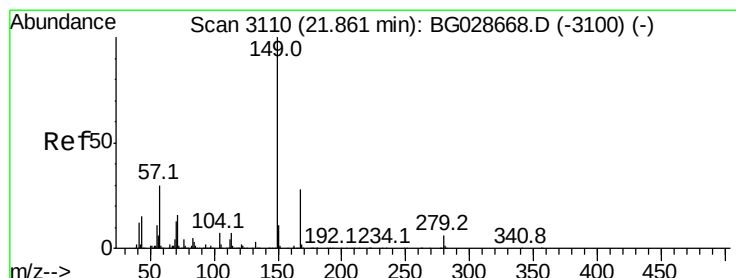
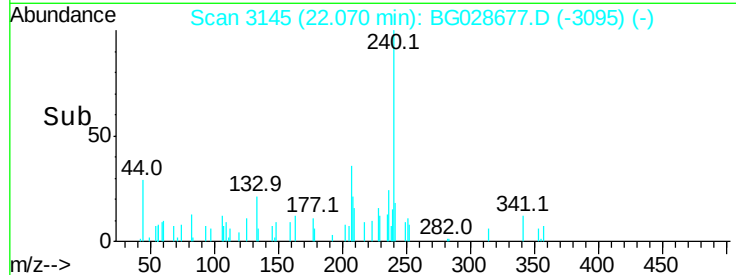
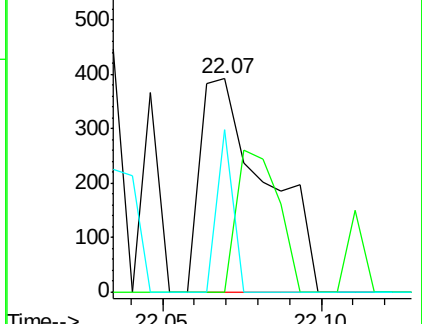
229 76.0 17.8 26.6#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.233 ng

RT: 21.86 min Scan# 3109

Delta R.T. -0.00 min

Lab File: BG028677.D

Acq: 12 Sep 2017 19:51

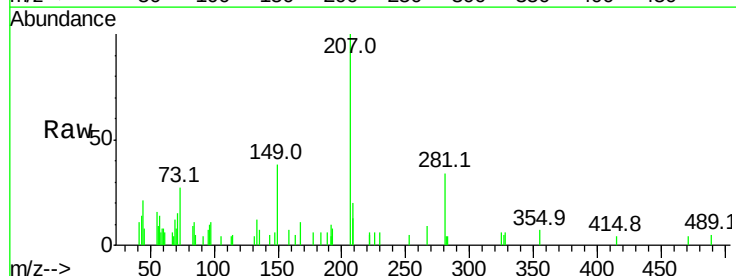
Tgt Ion:149 Resp: 2437

Ion Ratio Lower Upper

149 100

167 29.6 23.7 35.5

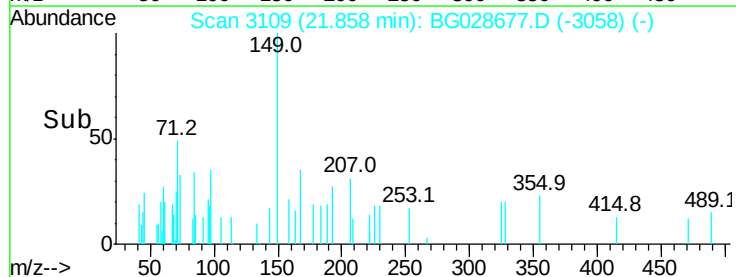
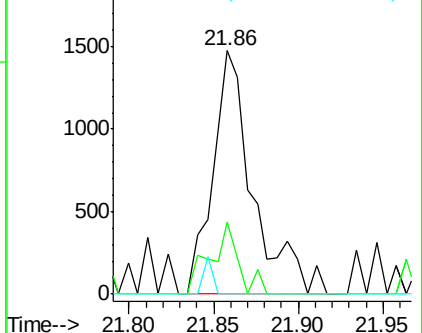
279 0.0 4.6 6.8#

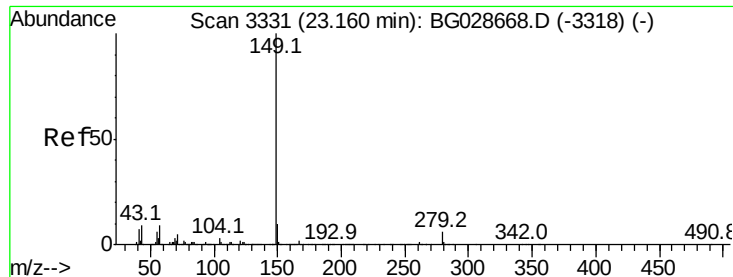


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 0.072 ng

RT: 23.16 min Scan# 3331

Delta R.T. 0.00 min

Lab File: BG028677.D

Acq: 12 Sep 2017 19:51

Instrument :

BNA_G

ClientSampleId :

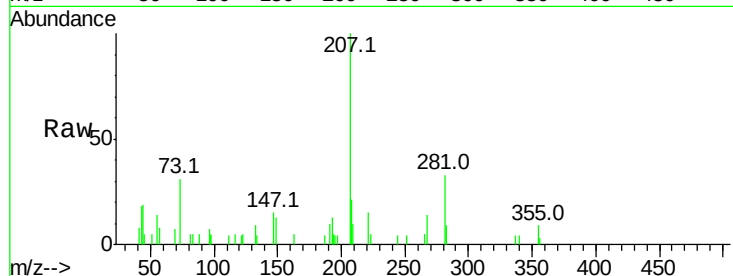
Tot Ion:149 Resp: 1323

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.2#

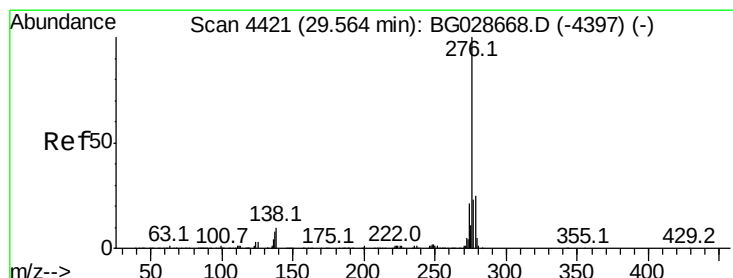
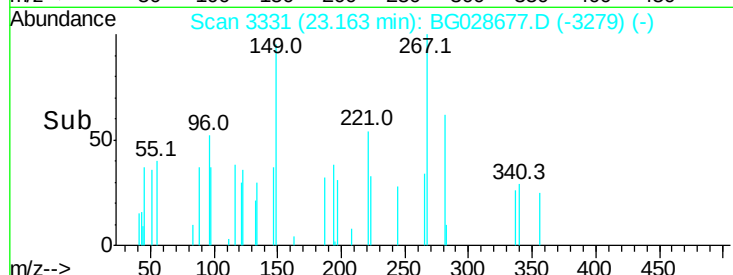
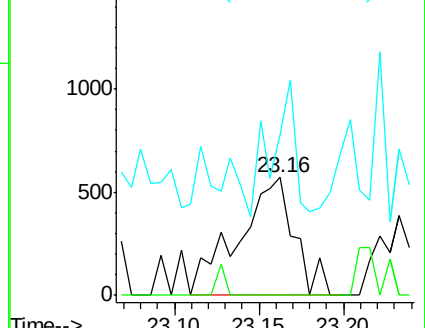
43 48.4 11.8 17.6#



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): B



#85

Indeno(1,2,3-cd)pyrene

Concen: 0.009 ng

RT: 29.58 min Scan# 4424

Delta R.T. 0.02 min

Lab File: BG028677.D

Acq: 12 Sep 2017 19:51

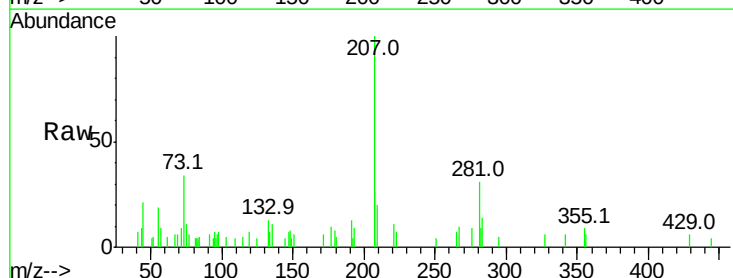
Tgt Ion:276 Resp: 208

Ion Ratio Lower Upper

276 100

138 0.0 4.7 7.1#

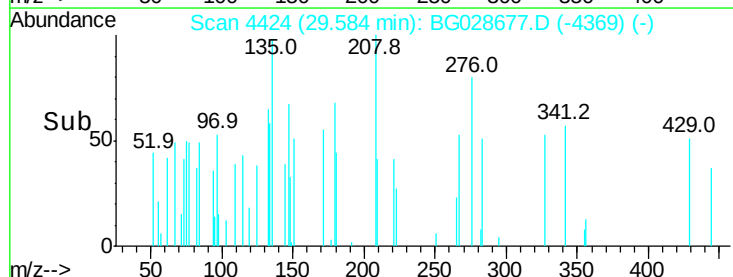
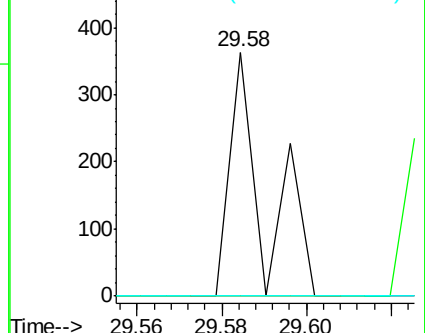
277 0.0 20.6 31.0#

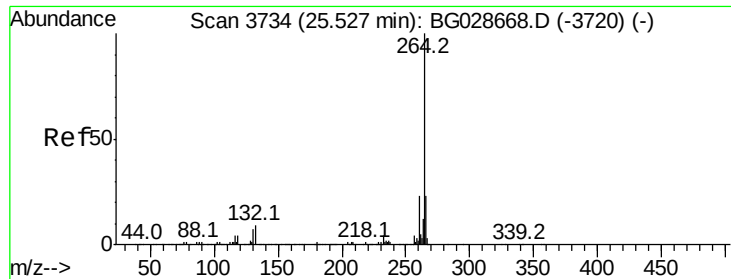


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

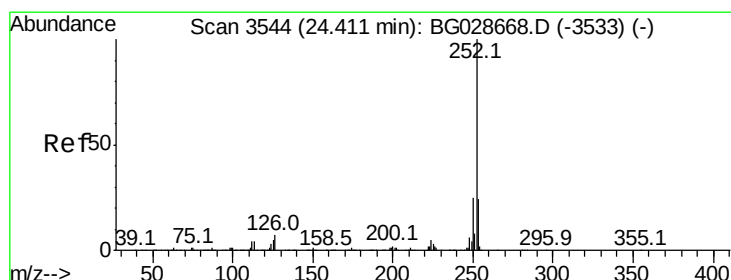
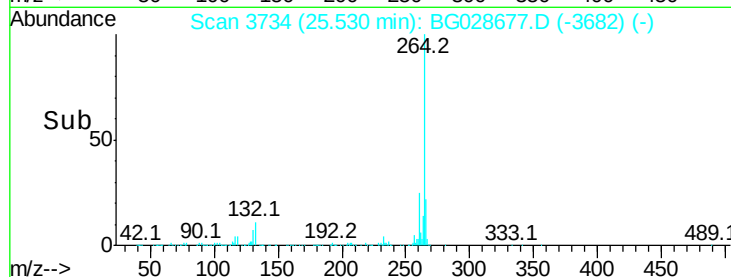
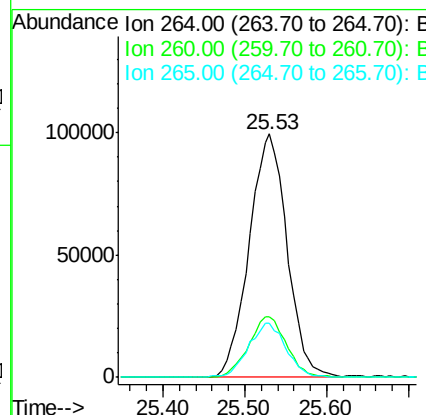
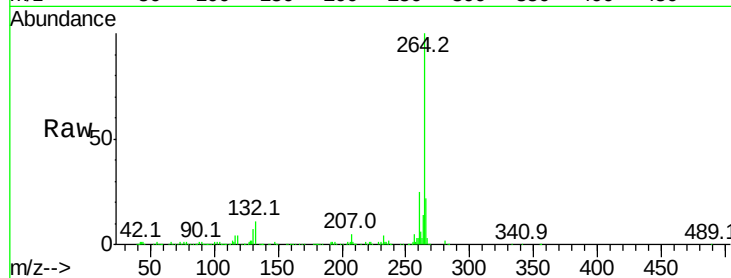




#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.53 min Scan# 3734
Delta R.T. 0.00 min
Lab File: BG028677.D
Acq: 12 Sep 2017 19:51

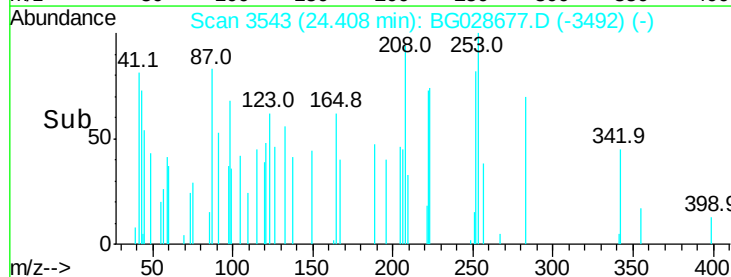
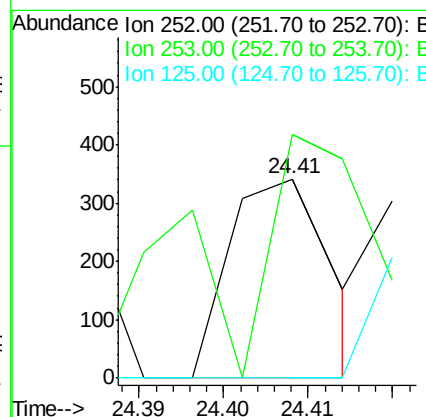
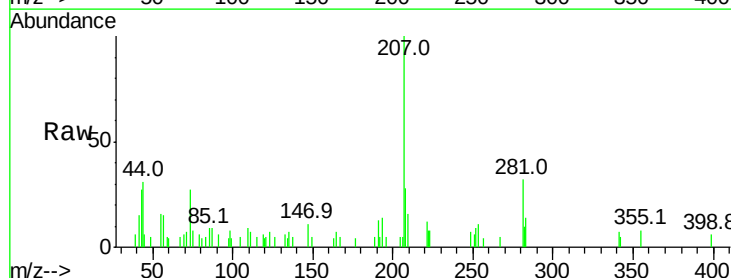
Instrument :
BNA_G
ClientSampleId :

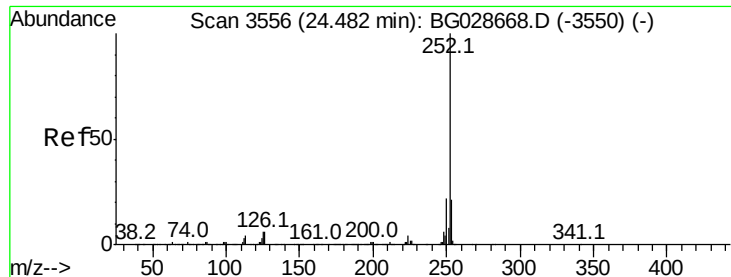
Tot Ion:264	Resp: 319909
Ion Ratio	Lower Upper
264 100	
260 25.1	21.8 32.8
265 22.5	18.2 27.4



#87
Benzo(b)fluoranthene
Concen: 0.015 ng
RT: 24.41 min Scan# 3543
Delta R.T. -0.00 min
Lab File: BG028677.D
Acq: 12 Sep 2017 19:51

Tgt	Ion:252	Resp:	282
Ion	Ratio	Lower	Upper
252	100		
253	122.6	18.7	28.1#
125	0.0	5.3	7.9#





#88

Benzo(k)fluoranthene

Concen: 0.005 ng

RT: 24.47 min Scan# 3553

Delta R.T. -0.01 min

Lab File: BG028677.D

Acq: 12 Sep 2017 19:51

Instrument :

BNA_G

ClientSampleId :

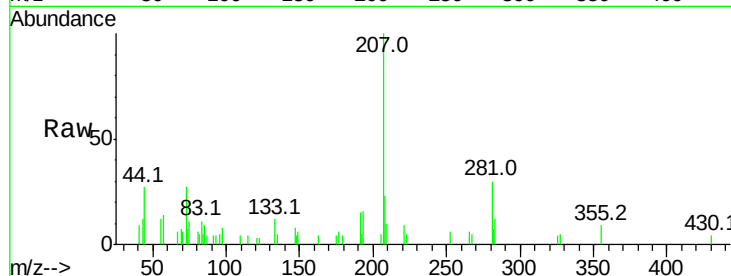
Tot Ion:252 Resp: 95

Ion Ratio Lower Upper

252 100

253 0.0 20.2 30.2#

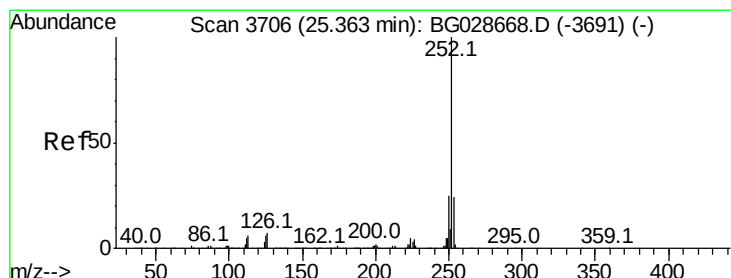
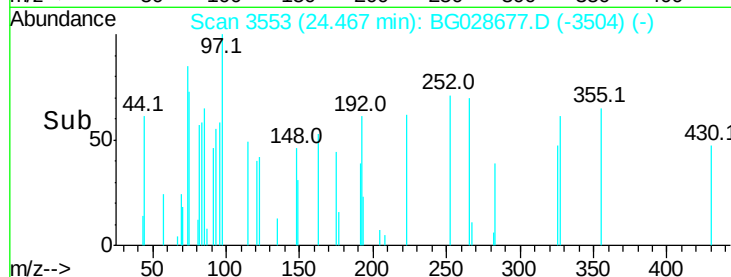
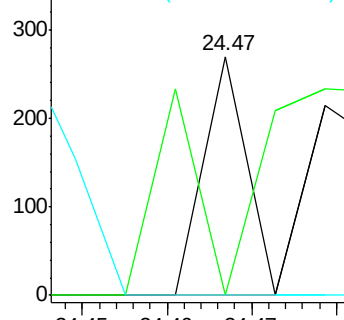
125 0.0 5.1 7.7#



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: 0.039 ng

RT: 25.37 min Scan# 3707

Delta R.T. 0.01 min

Lab File: BG028677.D

Acq: 12 Sep 2017 19:51

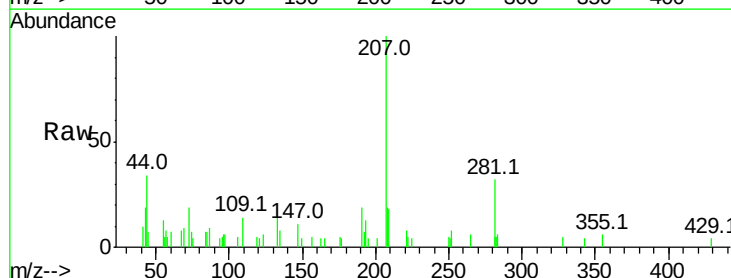
Tgt Ion:252 Resp: 714

Ion Ratio Lower Upper

252 100

253 0.0 19.2 28.8#

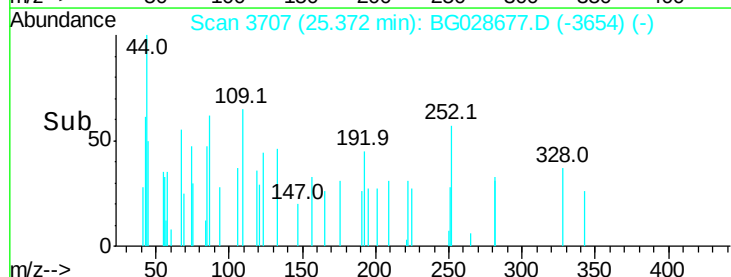
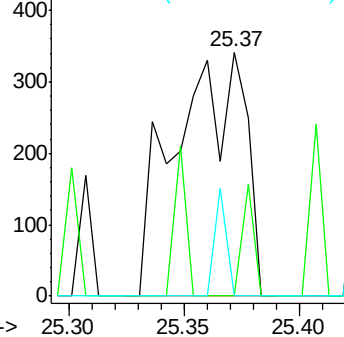
125 0.0 5.4 8.0#

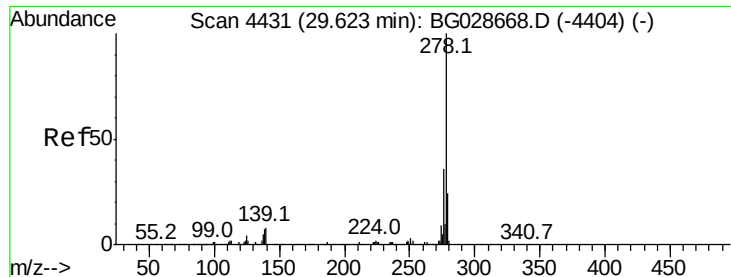


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 0.004 ng

RT: 29.64 min Scan# 4433

Delta R.T. 0.01 min

Lab File: BG028677.D

Acq: 12 Sep 2017 19:51

Instrument :

BNA_G

ClientSampled :

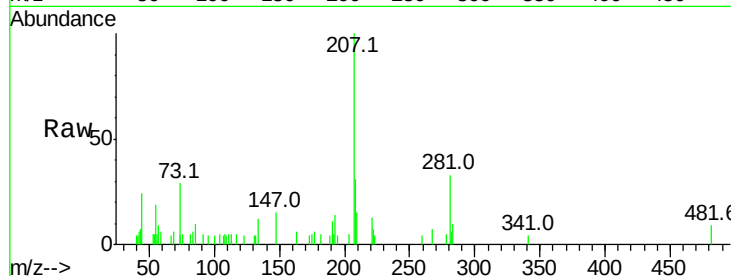
Tot Ion:278 Resp: 80

Ion Ratio Lower Upper

278 100

139 0.0 7.7 11.5#

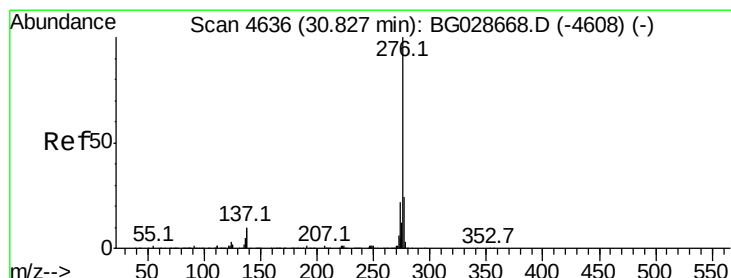
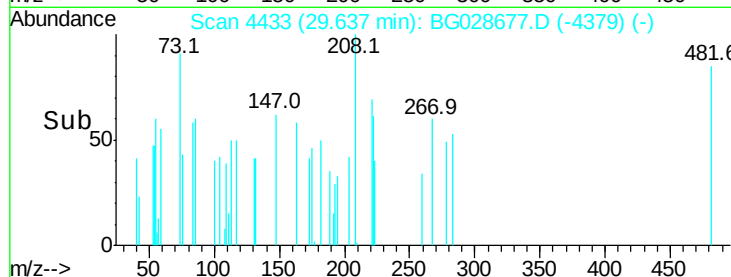
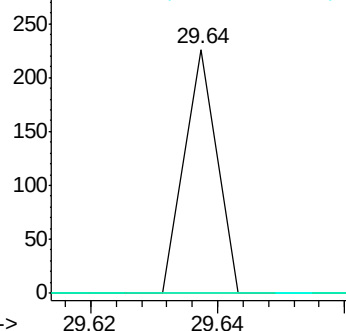
279 0.0 19.1 28.7#



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(g,h,i)perylene

Concen: 0.005 ng

RT: 30.82 min Scan# 4635

Delta R.T. -0.00 min

Lab File: BG028677.D

Acq: 12 Sep 2017 19:51

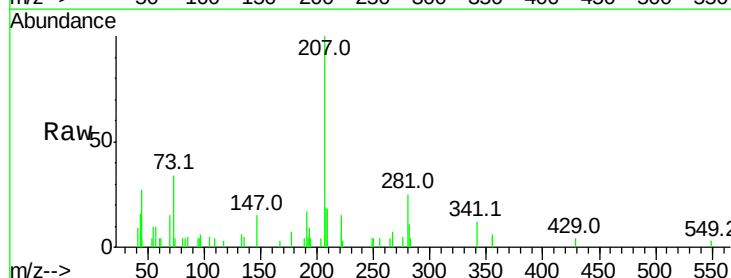
Tgt Ion:276 Resp: 84

Ion Ratio Lower Upper

276 100

277 0.0 18.6 27.8#

138 0.0 8.1 12.1#



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

