

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030118\
 Data File : BG032923.D
 Acq On : 1 Mar 2018 18:52
 Operator : SJ/JU
 Sample : J1699-44
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 02 10:03:03 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 01 17:38:52 2018
 Response via : Initial Calibration

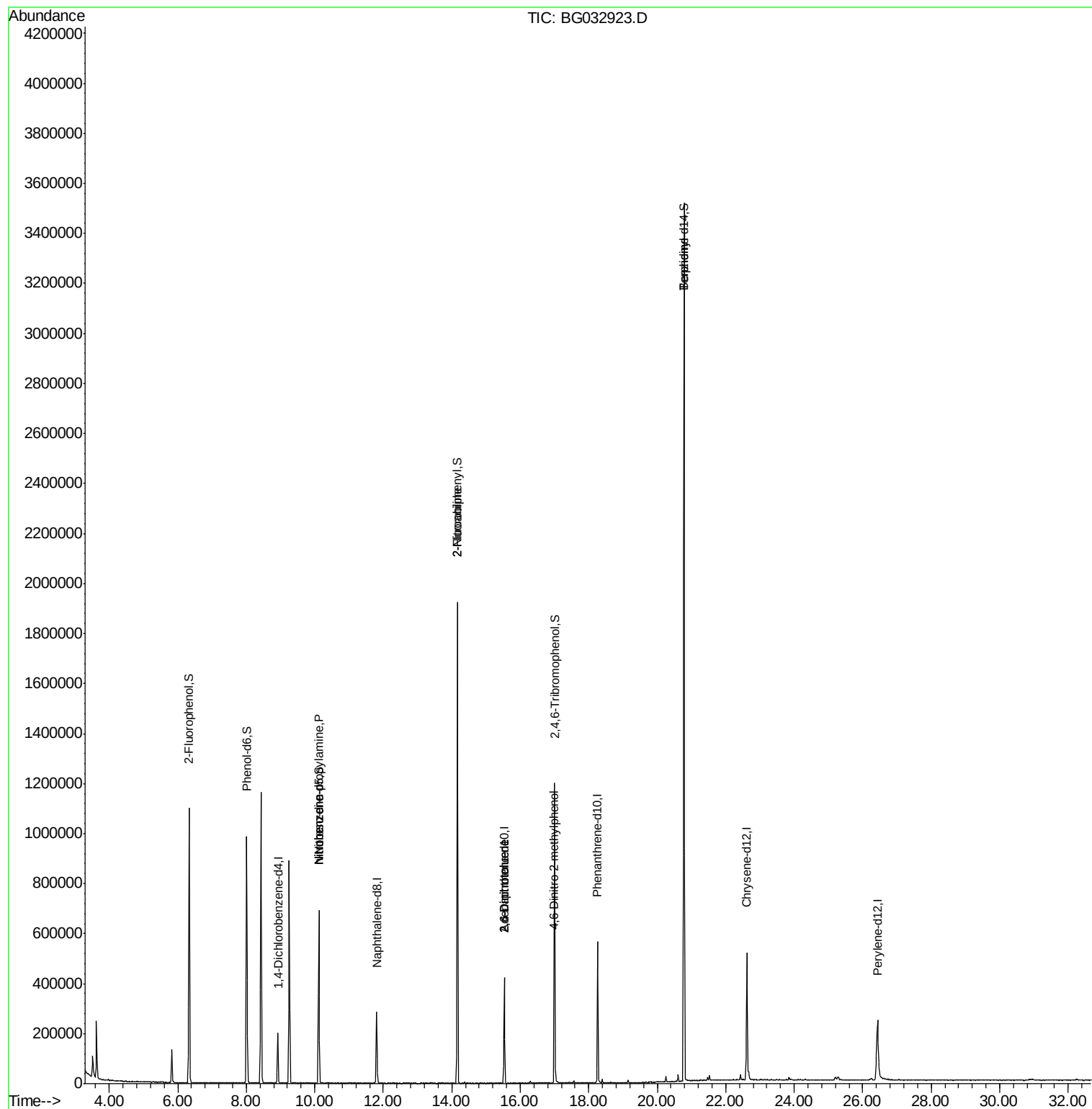
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	60631	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	260195	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	148521	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	344711	20.00	ng	0.00
75) Chrysene-d12	22.61	240	334761	20.00	ng	0.00
86) Perylene-d12	26.43	264	331991	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	517368	136.52	ng	0.00
7) Phenol-d6	8.01	99	629974	119.26	ng	0.00
23) Nitrobenzene-d5	10.11	82	444096	114.54	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	205316	131.47	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	998235	96.94	ng	0.00
78) Terphenyl-d14	20.78	244	1560557	104.74	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.12	70	57597	15.445	ng	# 83
24) Nitrobenzene	10.12	77	1206	6.632	ng	# 40
47) 2-Nitroaniline	14.17	65	1905	10.455	ng	# 1
50) 2,6-Dinitrotoluene	15.53	165	19016	16.320	ng	# 21
56) 2,4-Dinitrotoluene	15.53	165	19016	14.517	ng	# 19
64) 4,6-Dinitro-2-methylphenol	16.98	198	72	5.036	ng	# 30
76) Benzidine	20.78	184	27343	2.396	ng	# 89

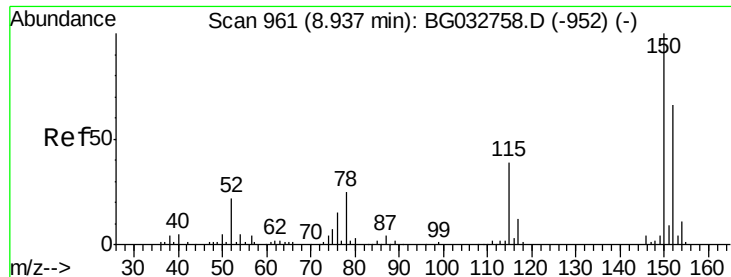
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 02 10:03:03 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 01 17:38:52 2018
Response via : Initial Calibration



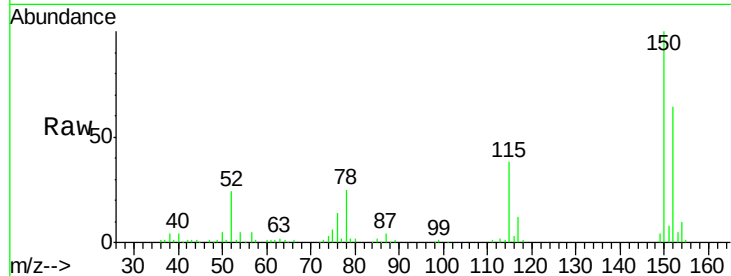


#1

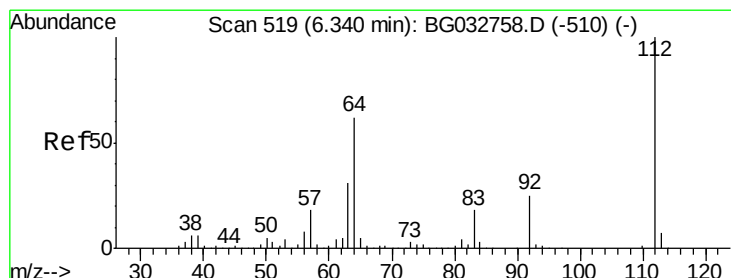
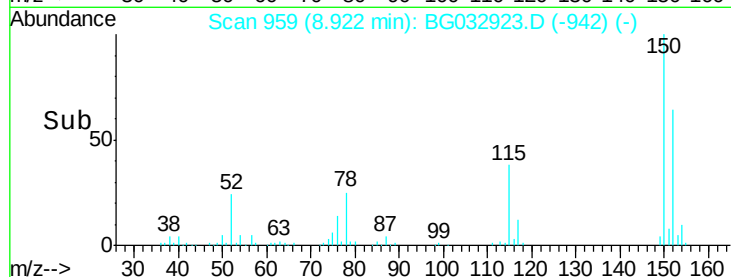
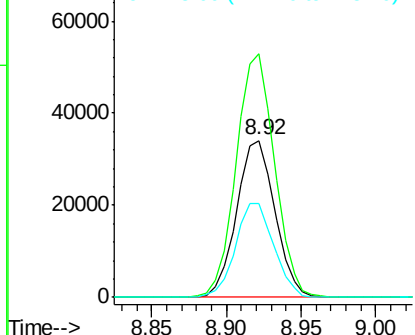
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 959
Delta R.T. 0.00 min
Lab File: BG032923.D
Acq: 1 Mar 2018 18:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 60631
Ion Ratio Lower Upper
152 100
150 155.4 126.6 189.8
115 59.7 53.0 79.4



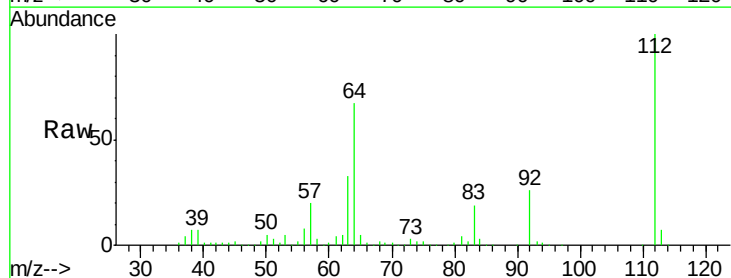
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



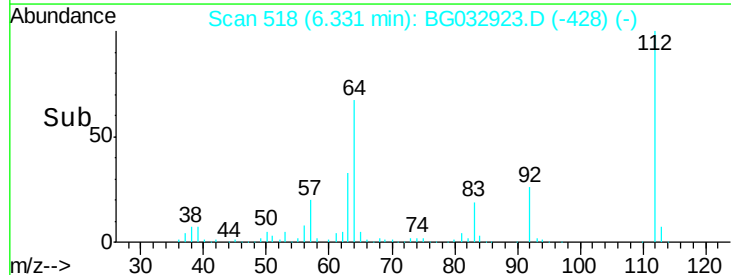
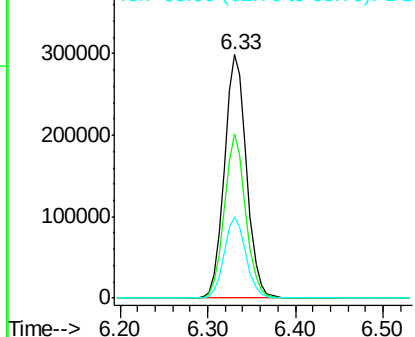
#5

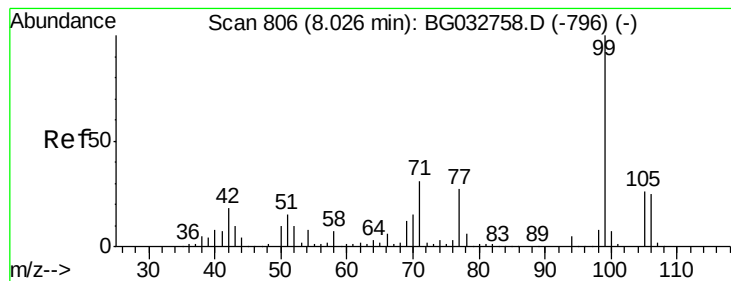
2-Fluorophenol
Concen: 136.517 ng
RT: 6.33 min Scan# 518
Delta R.T. 0.00 min
Lab File: BG032923.D
Acq: 1 Mar 2018 18:52

Tgt Ion:112 Resp: 517368
Ion Ratio Lower Upper
112 100
64 67.4 56.3 84.5
63 33.1 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 119.258 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG032923.D

Acq: 1 Mar 2018 18:52

Instrument :

BNA_G

ClientSampleId :

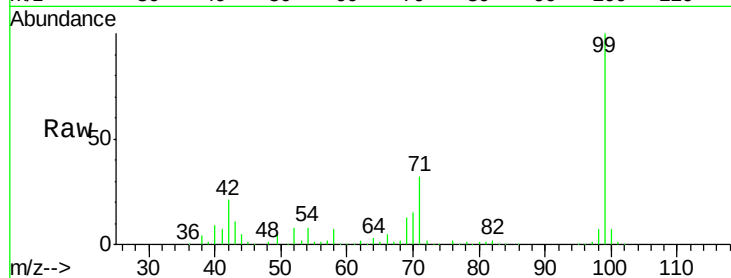
Tot Ion: 99 Resp: 629974

Ion Ratio Lower Upper

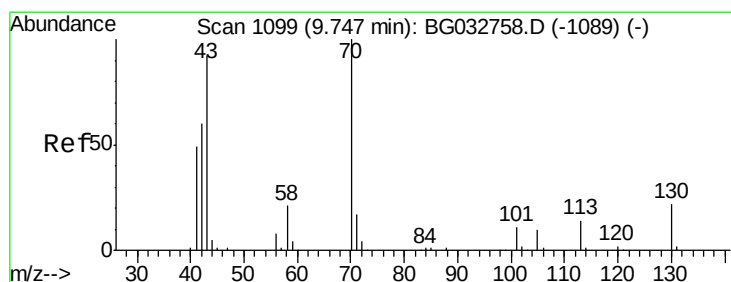
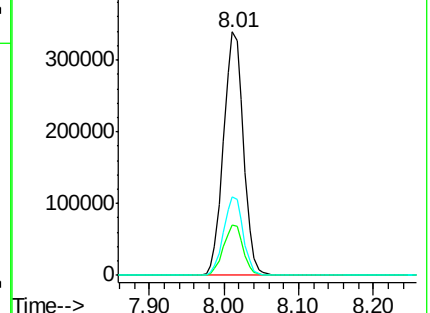
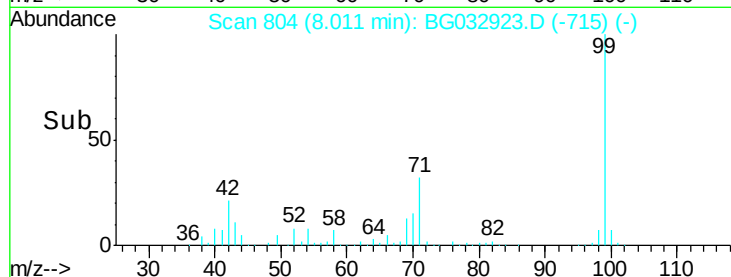
99 100

42 20.7 14.1 21.1

71 32.1 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



#19

n-Nitroso-di-n-propylamine

Concen: 15.445 ng

RT: 10.12 min Scan# 1163

Delta R.T. 0.39 min

Lab File: BG032923.D

Acq: 1 Mar 2018 18:52

Tgt Ion: 70 Resp: 57597

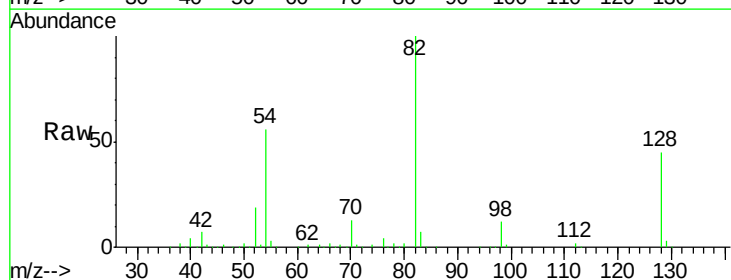
Ion Ratio Lower Upper

70 100

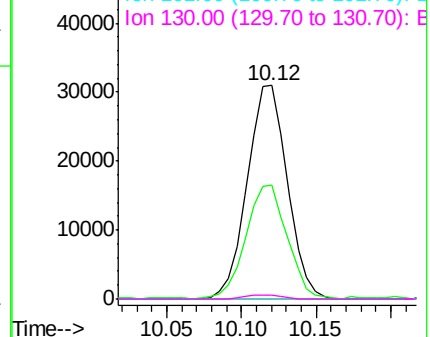
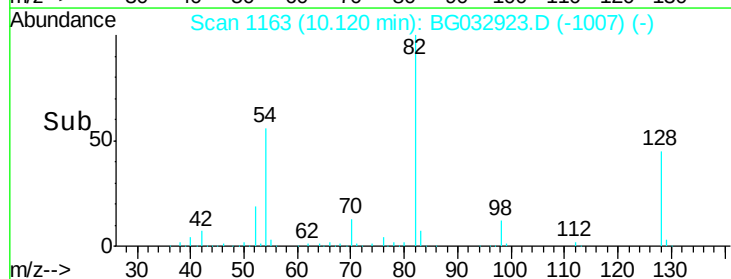
42 53.5 49.1 73.7

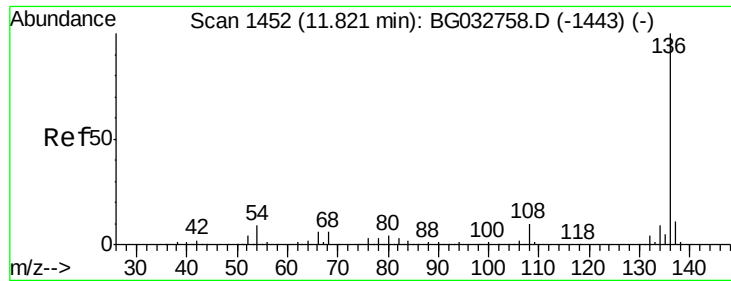
101 0.0 8.5 12.7#

130 1.7 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

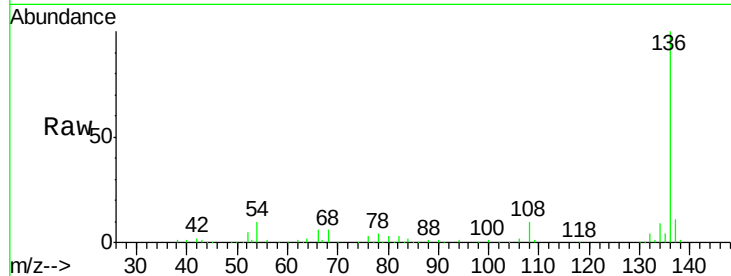




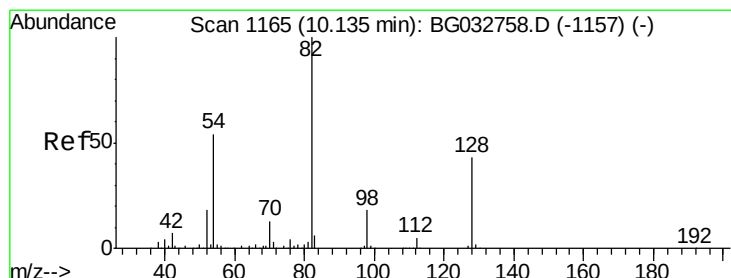
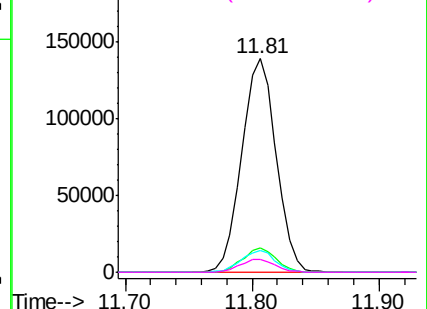
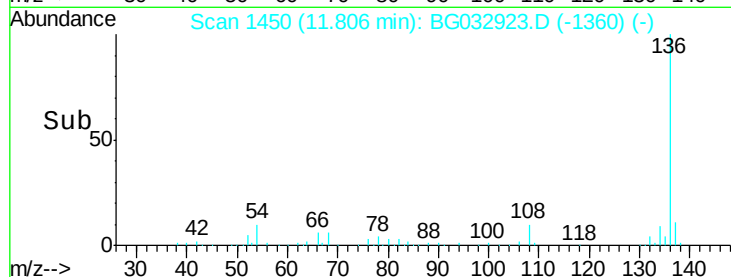
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.81 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BG032923.D
Acq: 1 Mar 2018 18:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	260195
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.2 13.8
54	10.3	10.3 15.5
68	6.0	4.5 6.7

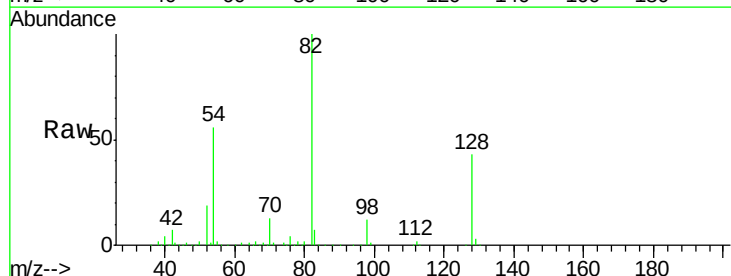


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

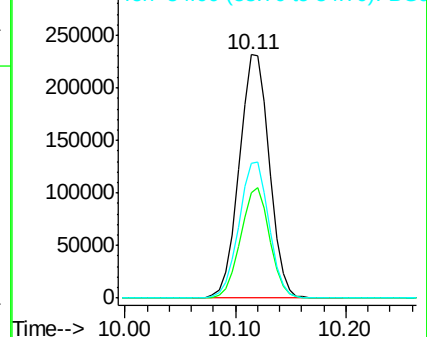
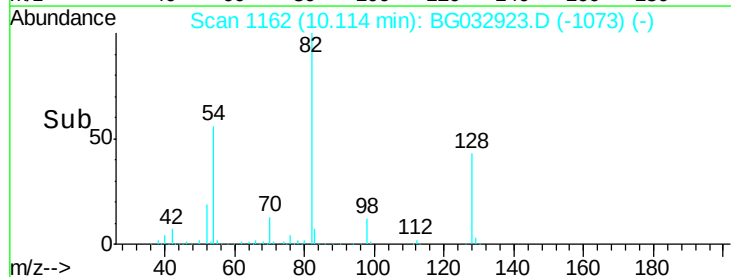


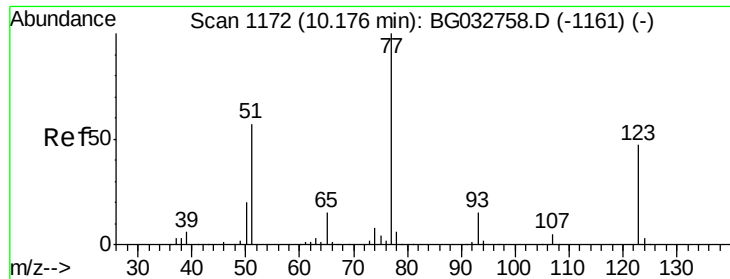
#23
Nitrobenzene-d5
Concen: 114.542 ng
RT: 10.11 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BG032923.D
Acq: 1 Mar 2018 18:52

Tgt Ion: 82	Resp:	444096
Ion Ratio	Lower	Upper
82	100	
128	43.4	29.7 44.5
54	55.5	43.1 64.7



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

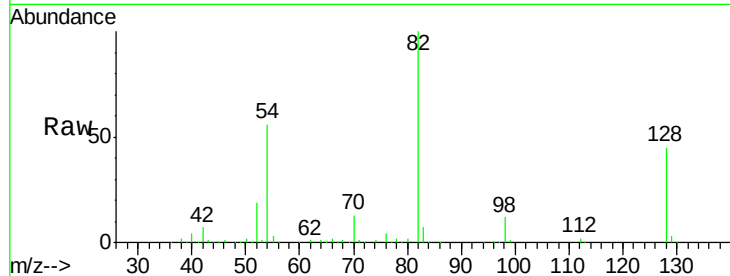




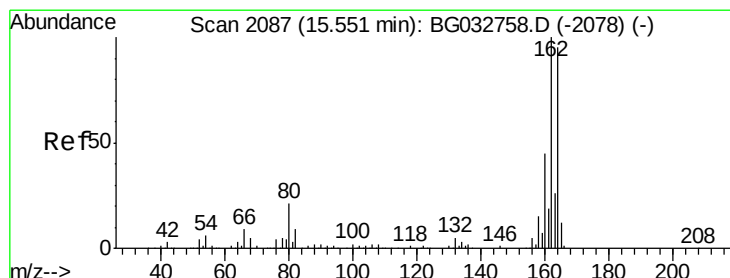
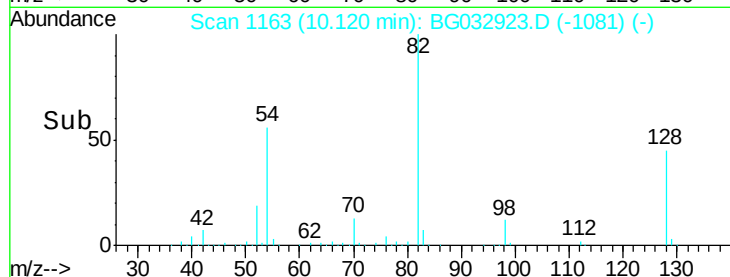
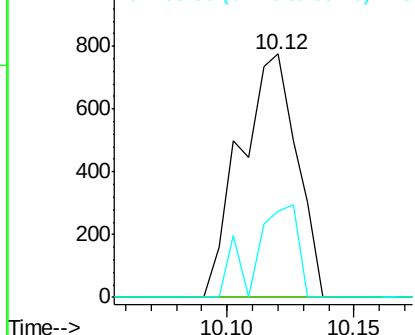
#24
Nitrobenzene
Concen: 6.632 ng
RT: 10.12 min Scan# 1163
Delta R.T. -0.05 min
Lab File: BG032923.D
Acq: 1 Mar 2018 18:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 1206
Ion Ratio Lower Upper
77 100
123 0.0 33.0 49.6#
65 35.3 13.0 19.6#

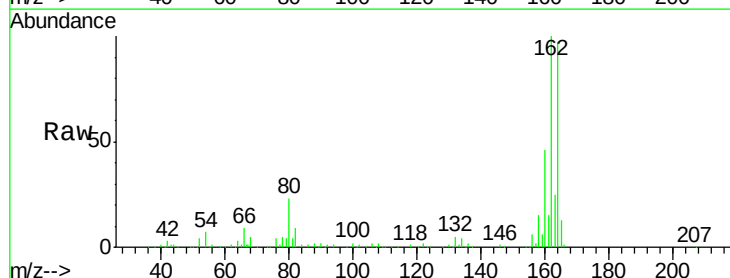


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

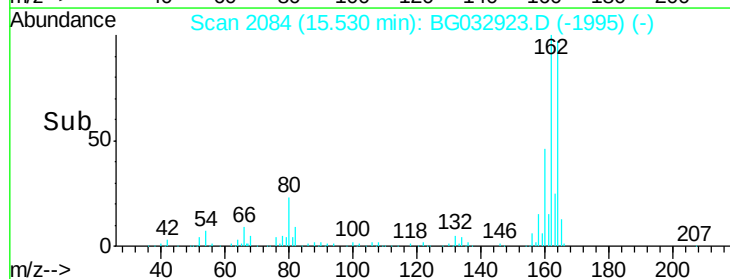
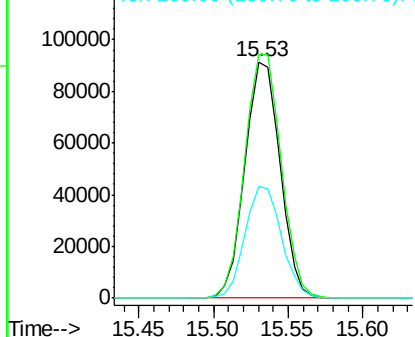


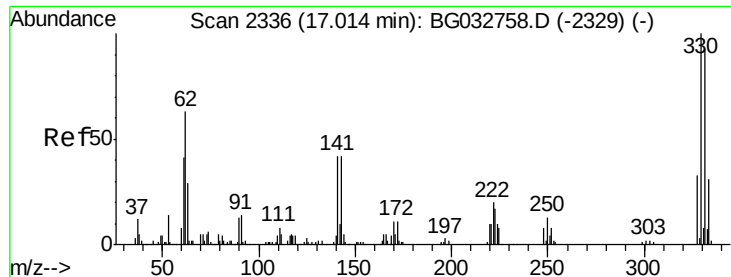
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.00 min
Lab File: BG032923.D
Acq: 1 Mar 2018 18:52

Tgt Ion:164 Resp: 148521
Ion Ratio Lower Upper
164 100
162 102.9 78.8 118.2
160 47.4 35.4 53.0



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

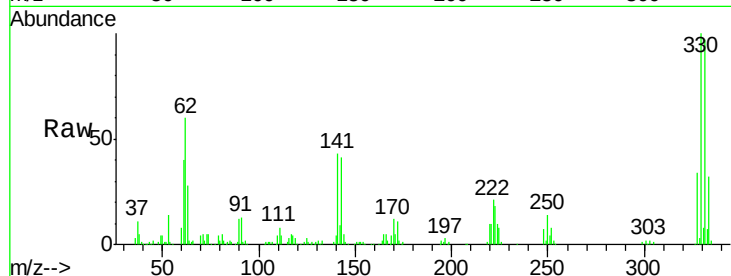




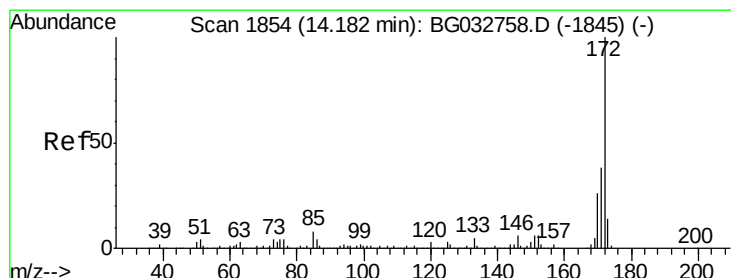
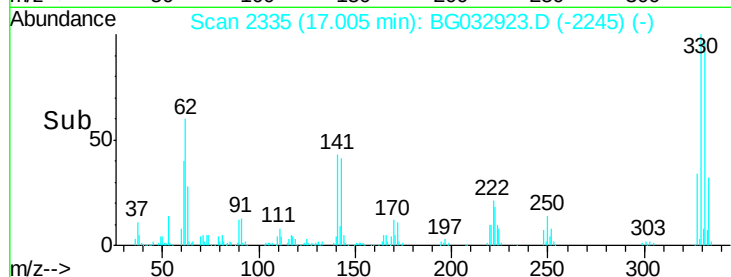
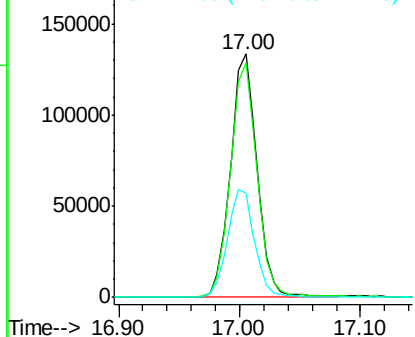
#41
 2,4,6-Tribromophenol
 Concen: 131.474 ng
 RT: 17.00 min Scan# 2335
 Delta R.T. 0.00 min
 Lab File: BG032923.D
 Acq: 1 Mar 2018 18:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 205316
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.0 115.6
 141 45.5 25.2 37.8#

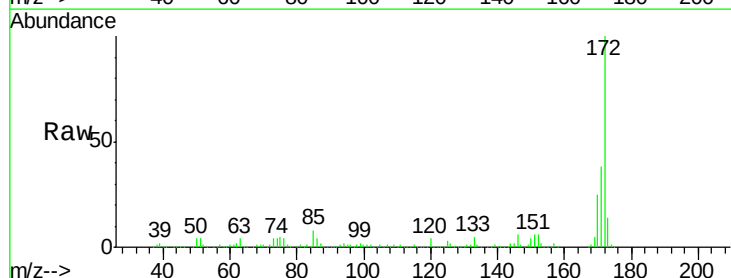


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

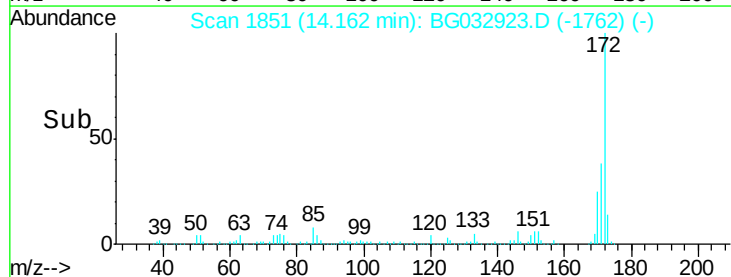
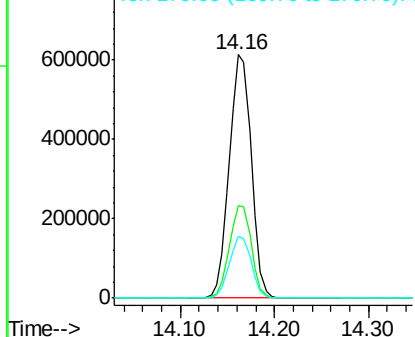


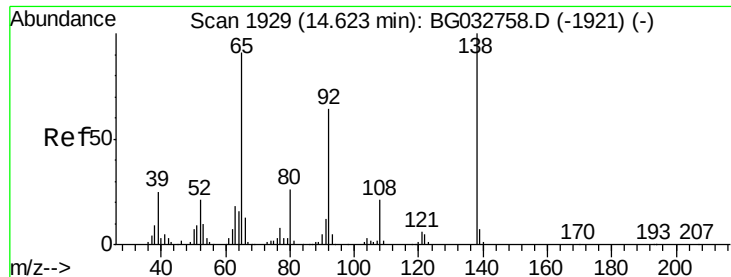
#44
 2-Fluorobiphenyl
 Concen: 96.936 ng
 RT: 14.16 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: BG032923.D
 Acq: 1 Mar 2018 18:52

Tgt Ion:172 Resp: 998235
 Ion Ratio Lower Upper
 172 100
 171 38.2 30.0 45.0
 170 25.5 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

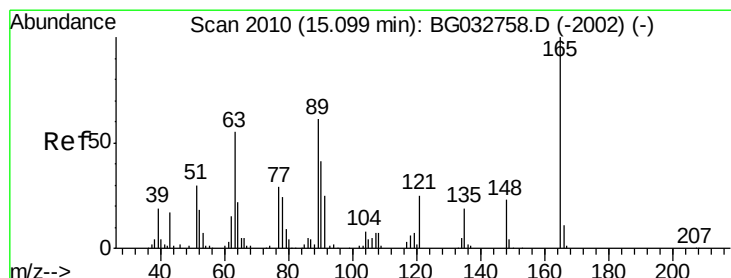
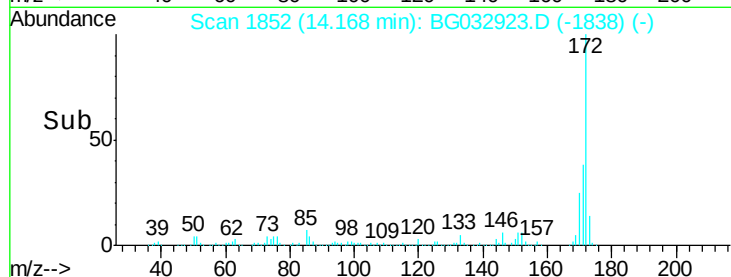
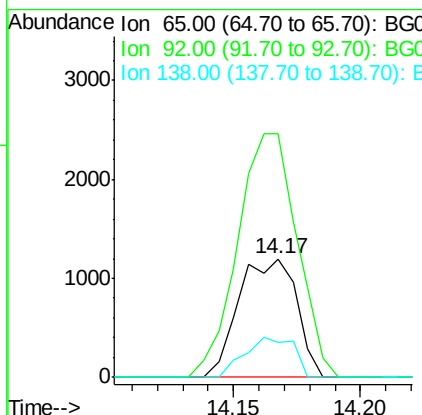
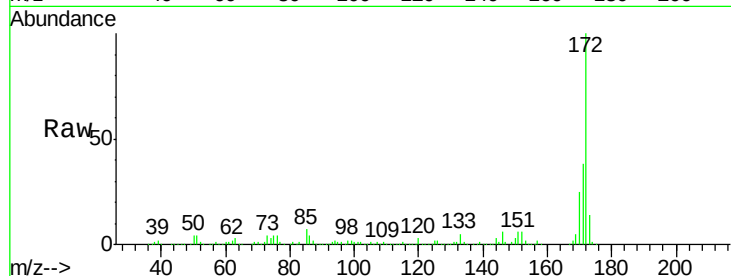




#47
2-Nitroaniline
Concen: 10.455 ng
RT: 14.17 min Scan# 1852
Delta R.T. -0.45 min
Lab File: BG032923.D
Acq: 1 Mar 2018 18:52

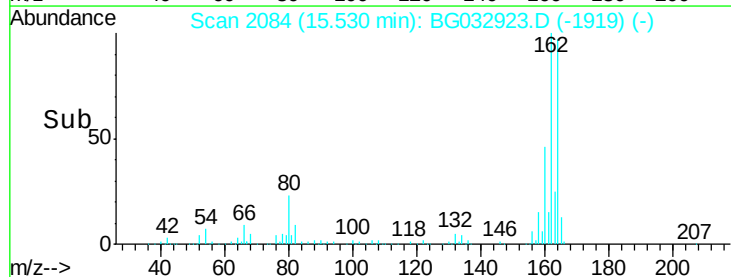
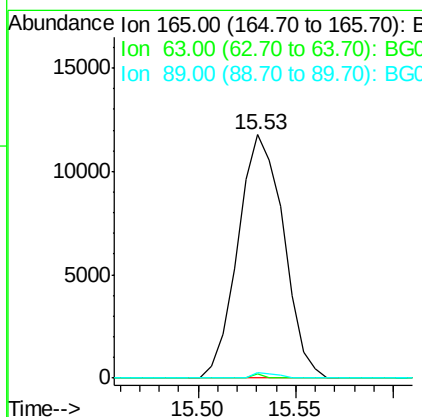
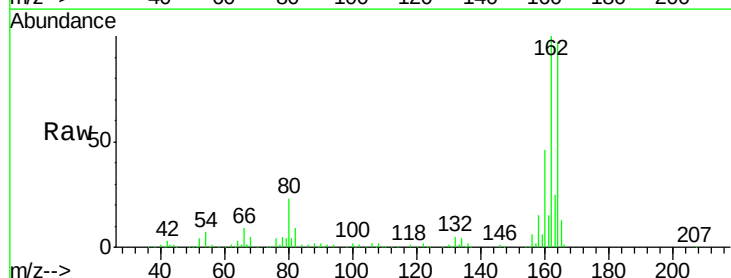
Instrument :
BNA_G
ClientSampled :

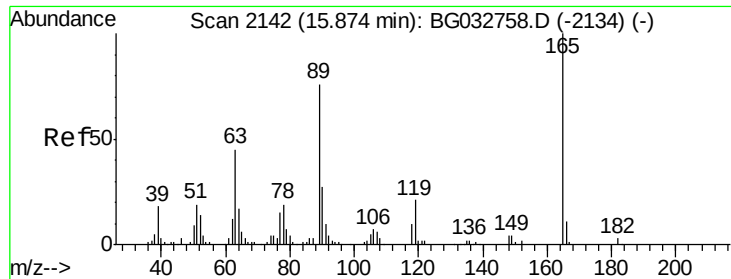
Tot Ion: 65 Resp: 1905
Ion Ratio Lower Upper
65 100
92 206.1 54.6 82.0#
138 29.2 72.9 109.3#



#50
2,6-Dinitrotoluene
Concen: 16.320 ng
RT: 15.53 min Scan# 2084
Delta R.T. 0.44 min
Lab File: BG032923.D
Acq: 1 Mar 2018 18:52

Tgt Ion: 165 Resp: 19016
Ion Ratio Lower Upper
165 100
63 1.7 52.7 79.1#
89 2.2 49.2 73.8#

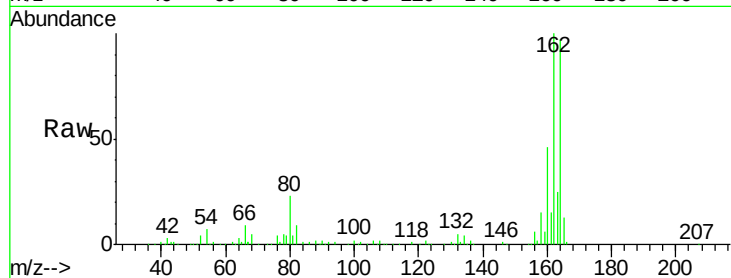




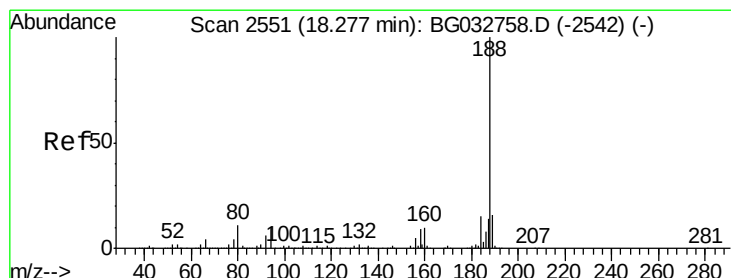
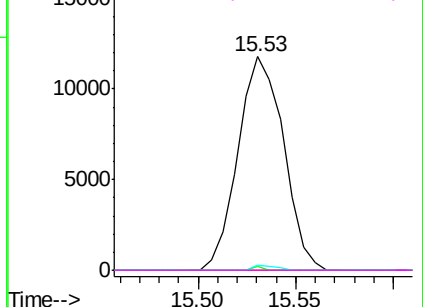
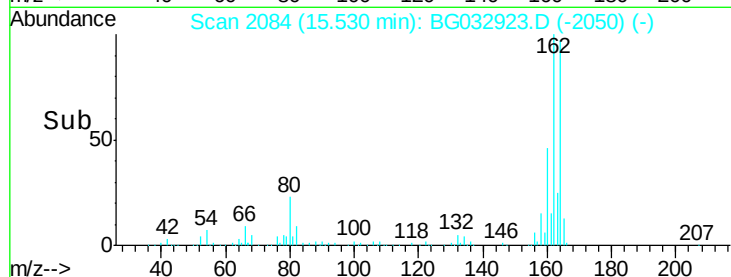
#56
 2,4-Dinitrotoluene
 Concen: 14.517 ng
 RT: 15.53 min Scan# 2084
 Delta R.T. -0.33 min
 Lab File: BG032923.D
 Acq: 1 Mar 2018 18:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 19016
 Ion Ratio Lower Upper
 165 100
 63 1.7 42.0 63.0#
 89 2.2 66.9 100.3#
 182 0.0 2.6 3.8#

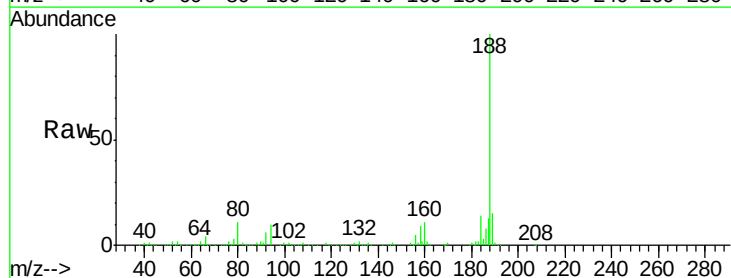


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

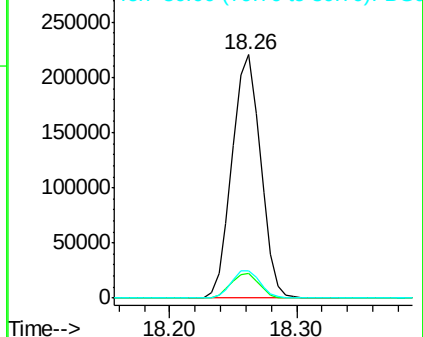
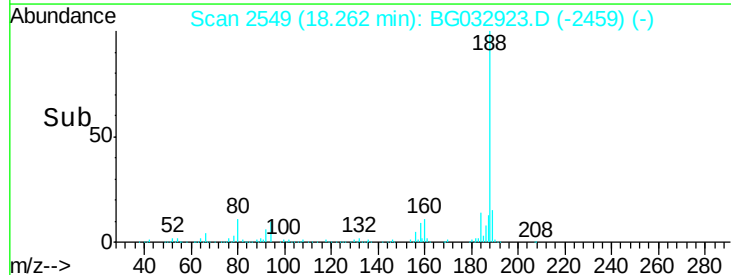


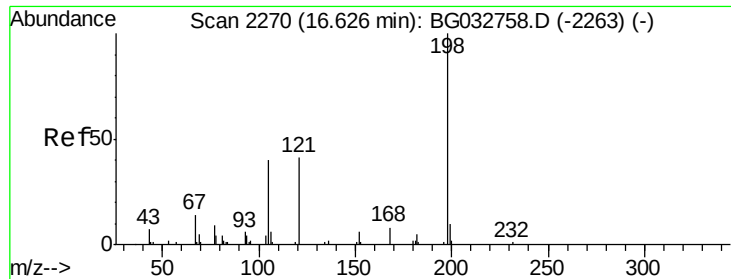
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.26 min Scan# 2549
 Delta R.T. 0.00 min
 Lab File: BG032923.D
 Acq: 1 Mar 2018 18:52

Tgt Ion:188 Resp: 344711
 Ion Ratio Lower Upper
 188 100
 94 10.0 6.9 10.3
 80 11.3 7.7 11.5



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





#64

4,6-Dinitro-2-methylphenol

Concen: 5.036 ng

RT: 16.98 min Scan# 2331

Delta R.T. 0.37 min

Lab File: BG032923.D

Acq: 1 Mar 2018 18:52

Instrument :

BNA_G

ClientSampleId :

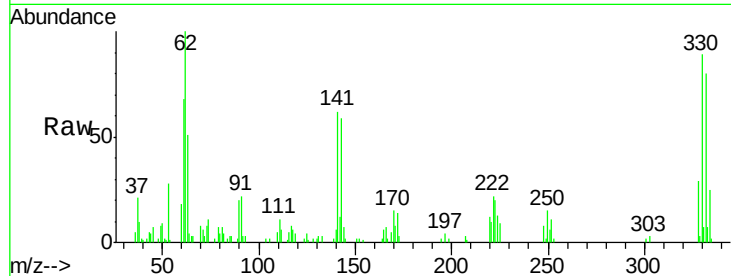
Tot Ion:198 Resp: 72

Ion Ratio Lower Upper

198 100

51 100.5 30.6 70.6#

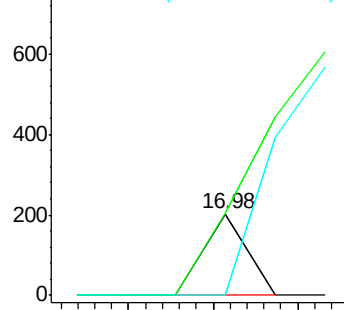
105 0.0 23.8 63.8#



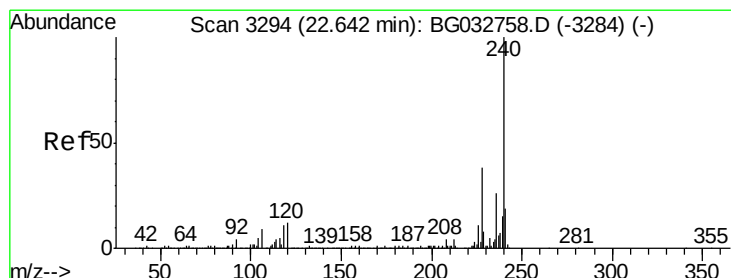
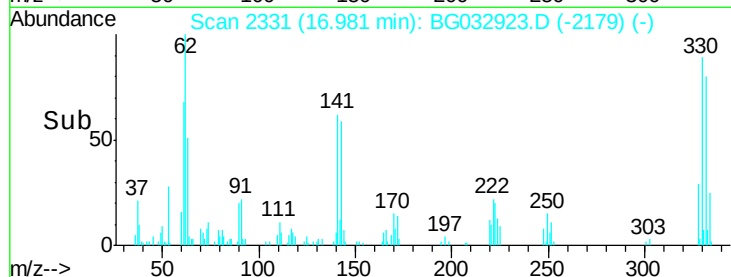
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.61 min Scan# 3290

Delta R.T. -0.00 min

Lab File: BG032923.D

Acq: 1 Mar 2018 18:52

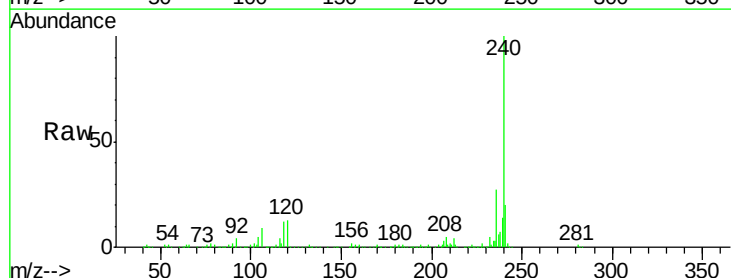
Tgt Ion:240 Resp: 334761

Ion Ratio Lower Upper

240 100

120 12.7 6.8 10.2#

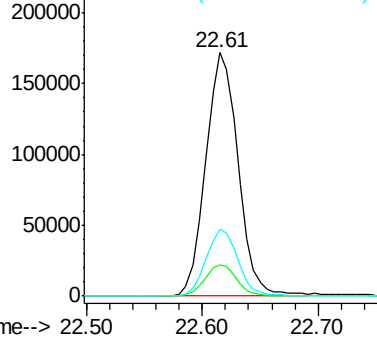
236 27.4 20.9 31.3



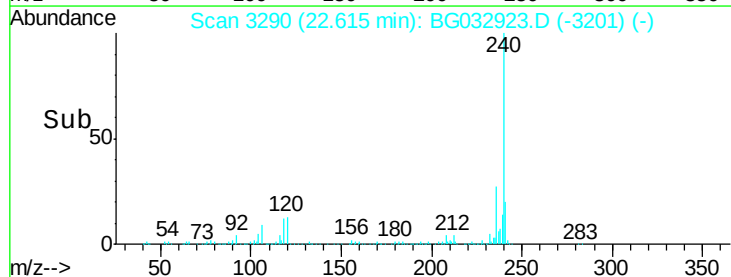
Abundance Ion 240.00 (239.70 to 240.70): E

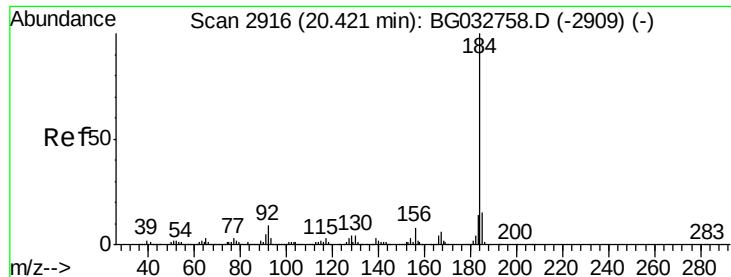
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#76

Benzidine

Concen: 2.396 ng

RT: 20.78 min Scan# 2978

Delta R.T. 0.37 min

Lab File: BG032923.D

Acq: 1 Mar 2018 18:52

Instrument :

BNA_G

ClientSampleId :

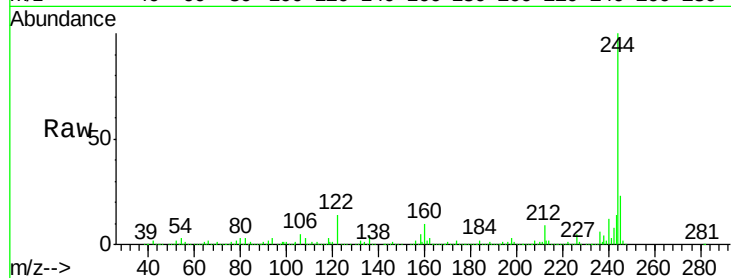
Tot Ion:184 Resp: 27343

Ion Ratio Lower Upper

184 100

185 17.4 11.1 16.7#

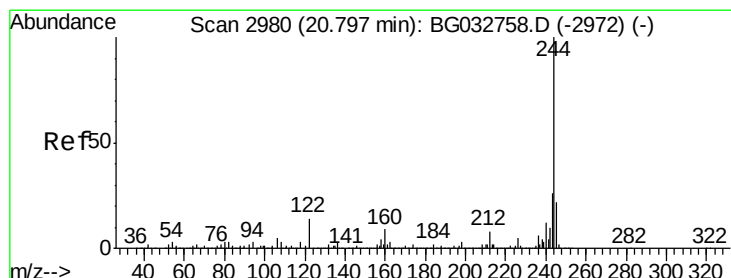
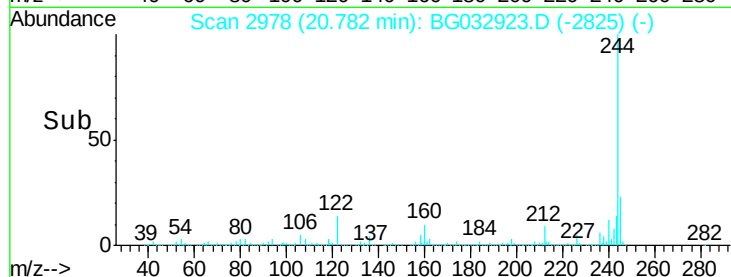
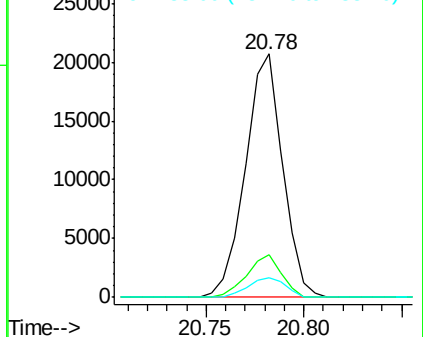
183 8.0 10.6 16.0#



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



#78

Terphenyl-d14

Concen: 104.736 ng

RT: 20.78 min Scan# 2978

Delta R.T. 0.01 min

Lab File: BG032923.D

Acq: 1 Mar 2018 18:52

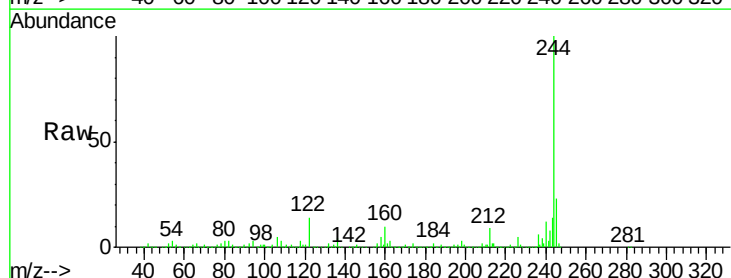
Tgt Ion:244 Resp: 1560557

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

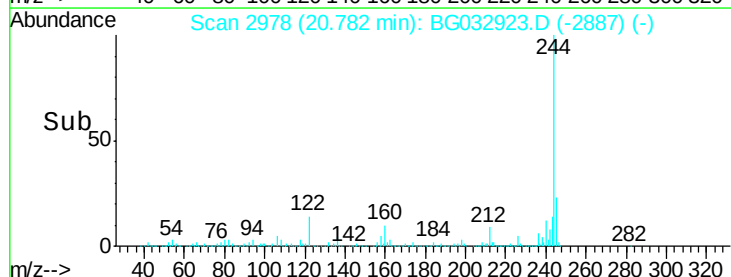
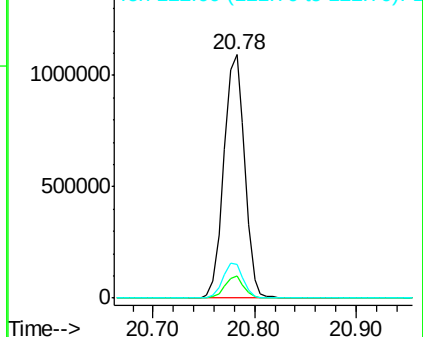
122 14.1 7.0 10.4#

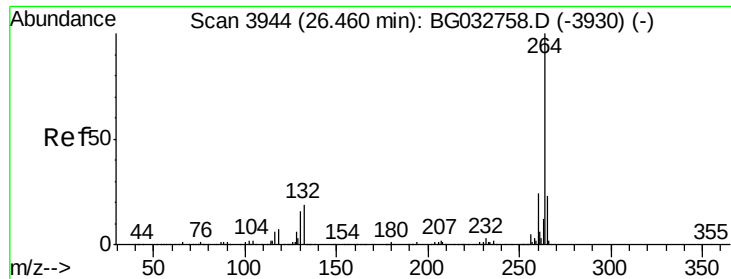


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.43 min Scan# 3940
Delta R.T. 0.01 min
Lab File: BG032923.D
Acq: 1 Mar 2018 18:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	21.4	17.7	26.5

