

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011618\
 Data File : BG032104.D
 Acq On : 17 Jan 2018 12:57
 Operator : SJ/JU
 Sample : J1122-11
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-5

Quant Time: Jan 17 13:33:00 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 15 10:05:15 2018
 Response via : Initial Calibration

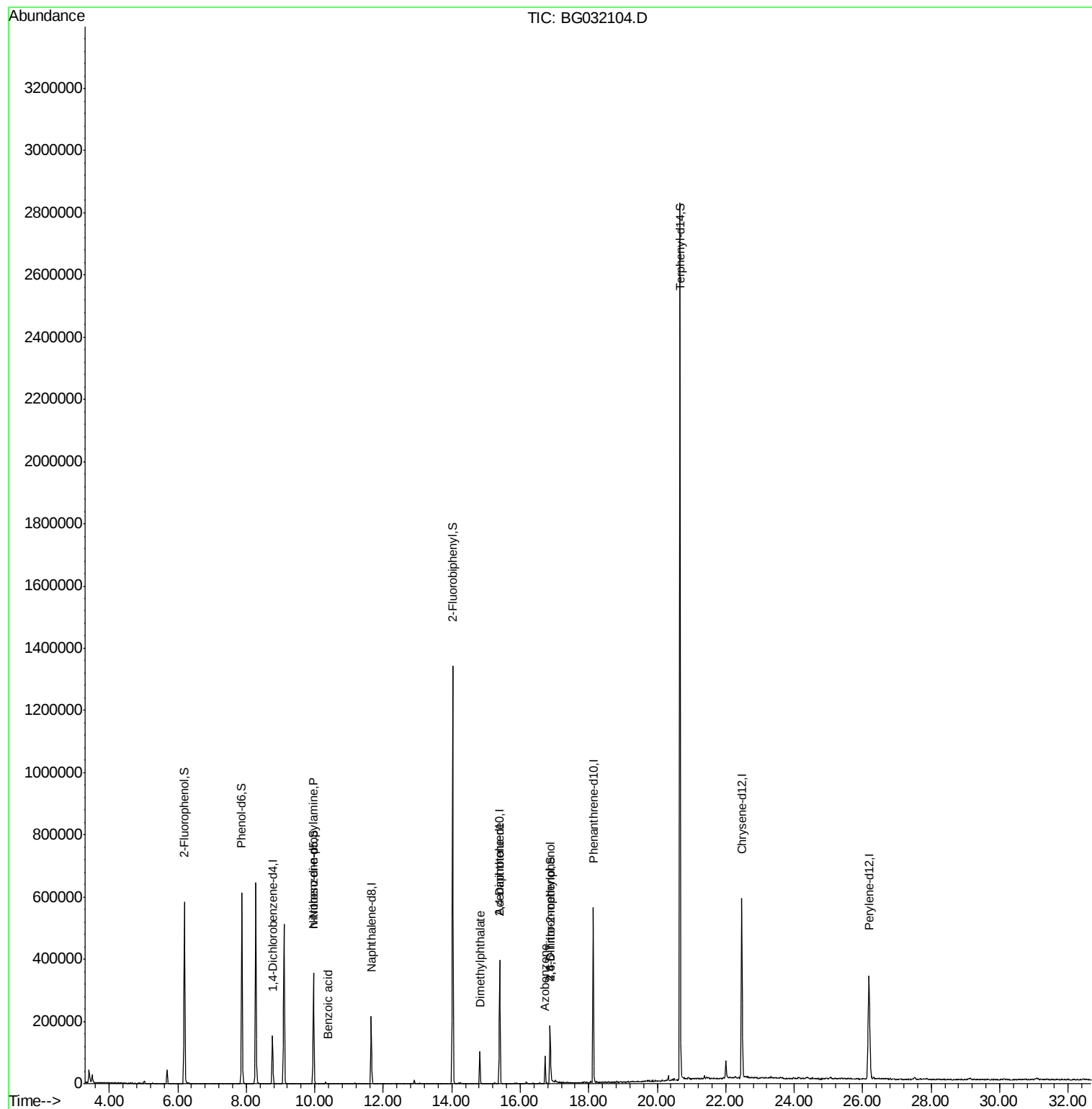
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.76	152	52325	20.00	ng	-0.01
21) Naphthalene-d8	11.65	136	213977	20.00	ng	-0.01
38) Acenaphthene-d10	15.40	164	149190	20.00	ng	0.00
63) Phenanthrene-d10	18.13	188	380585	20.00	ng	-0.01
75) Chrysene-d12	22.47	240	466751	20.00	ng	-0.02
86) Perylene-d12	26.18	264	479384	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.19	112	309504	108.18	ng	0.00
7) Phenol-d6	7.87	99	393320	109.16	ng	0.00
23) Nitrobenzene-d5	9.96	82	222791	70.44	ng	-0.01
41) 2,4,6-Tribromophenol	16.87	330	51611	20.91	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	833211	69.25	ng	0.00
78) Terphenyl-d14	20.66	244	1526612	72.22	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.96	70	30473	13.631	ng	# 78
32) Benzoic acid	10.39	122	57	5.277	ng	# 1
49) Dimethylphthalate	14.82	163	76286	5.843	ng	99
56) 2,4-Dinitrotoluene	15.40	165	18155	4.976	ng	# 19
62) Azobenzene	16.73	77	22811	2.880	ng	# 1
64) 4,6-Dinitro-2-methylphenol	16.88	198	53	4.904	ng	# 28

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

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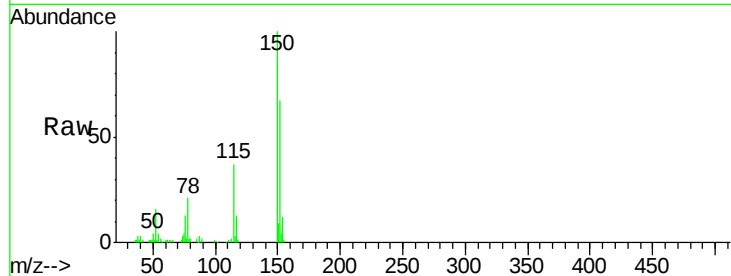


#1

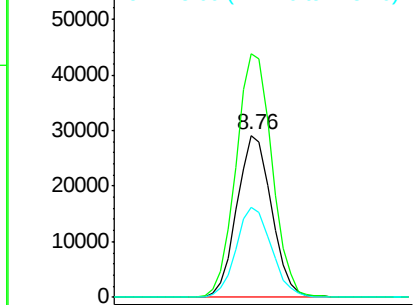
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.76 min Scan# 932
Delta R.T. -0.01 min
Lab File: BG032104.D
Acq: 17 Jan 2018 12:57

Instrument :
BNA_G
ClientSampleId :
C-5

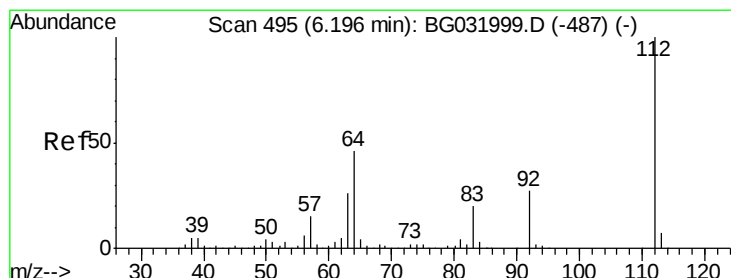
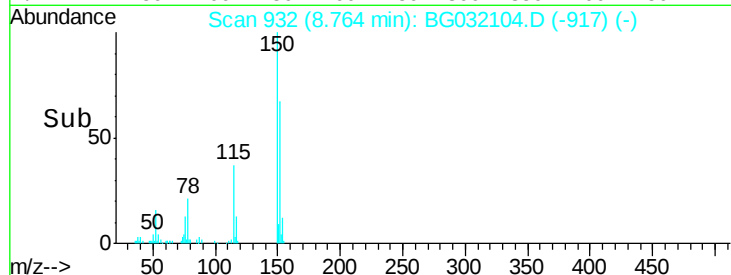
Tgt Ion:152 Resp: 52325
Ion Ratio Lower Upper
152 100
150 150.1 126.6 189.8
115 55.3 53.0 79.4



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



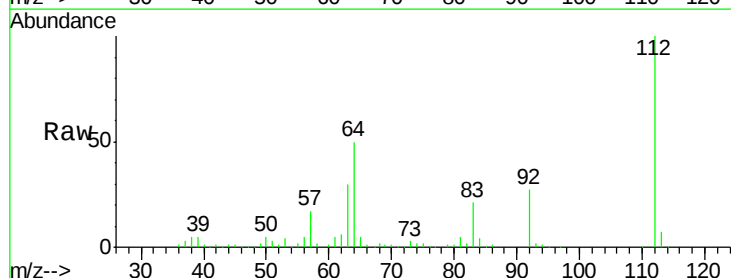
Time-->



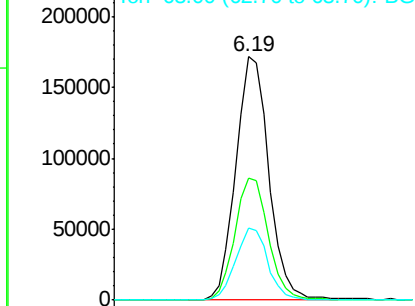
#5

2-Fluorophenol
Concen: 108.182 ng
RT: 6.19 min Scan# 494
Delta R.T. -0.00 min
Lab File: BG032104.D
Acq: 17 Jan 2018 12:57

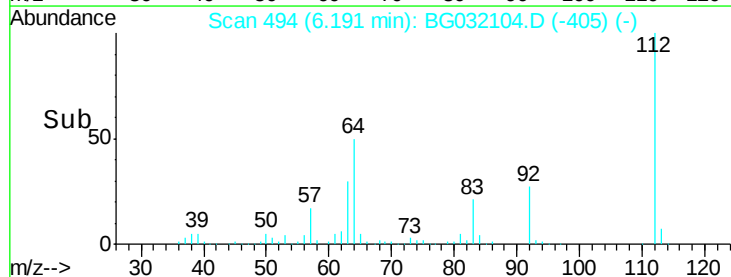
Tgt Ion:112 Resp: 309504
Ion Ratio Lower Upper
112 100
64 50.2 56.3 84.5#
63 29.7 30.1 45.1#



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



Time-->





#7

Phenol-d6

Concen: 109.159 ng

RT: 7.87 min Scan# 780

Delta R.T. -0.00 min

Lab File: BG032104.D

Acq: 17 Jan 2018 12:57

Instrument :

BNA_G

ClientSampleId :

C-5

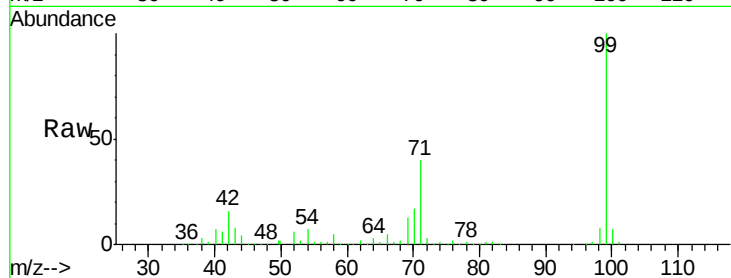
Tgt Ion: 99 Resp: 393320

Ion Ratio Lower Upper

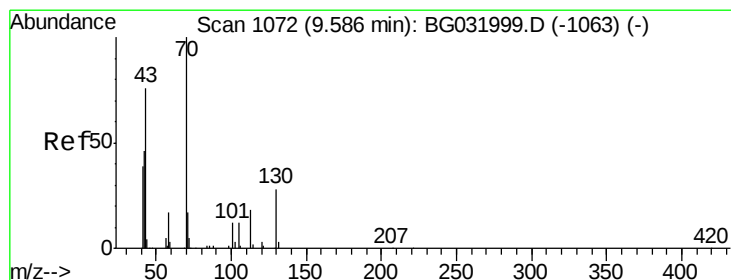
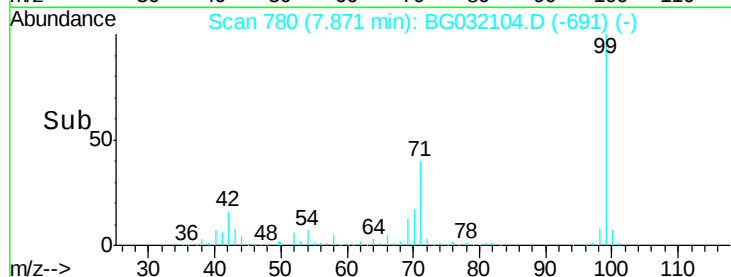
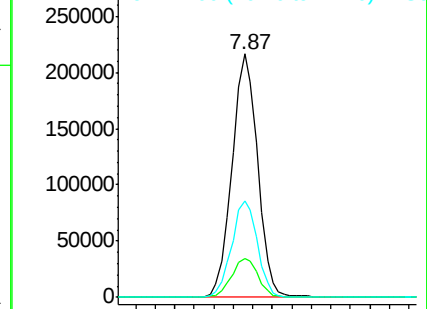
99 100

42 15.8 14.1 21.1

71 39.6 26.1 39.1#



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.631 ng

RT: 9.96 min Scan# 1136

Delta R.T. 0.38 min

Lab File: BG032104.D

Acq: 17 Jan 2018 12:57

Tgt Ion: 70 Resp: 30473

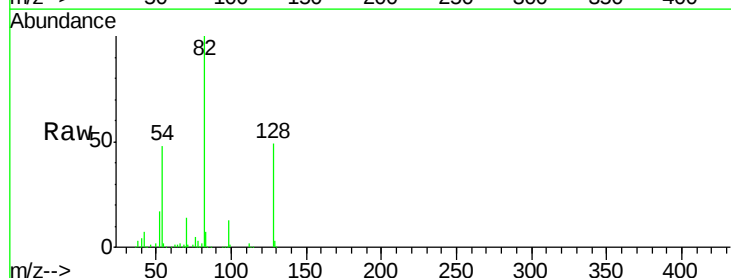
Ion Ratio Lower Upper

70 100

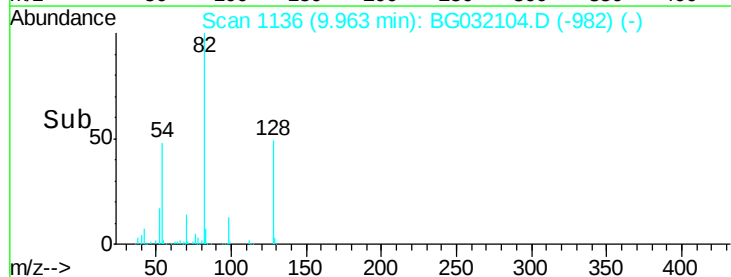
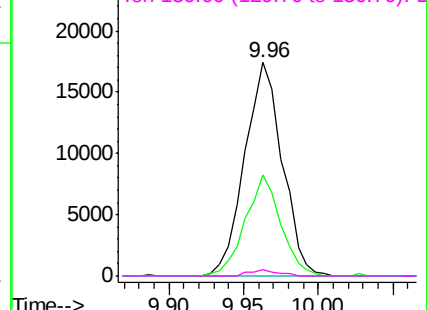
42 47.3 49.1 73.7#

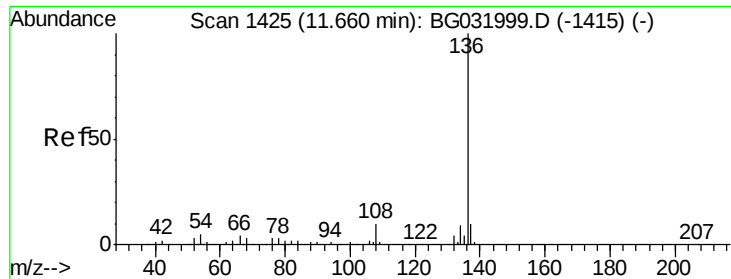
101 0.0 8.5 12.7#

130 3.2 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

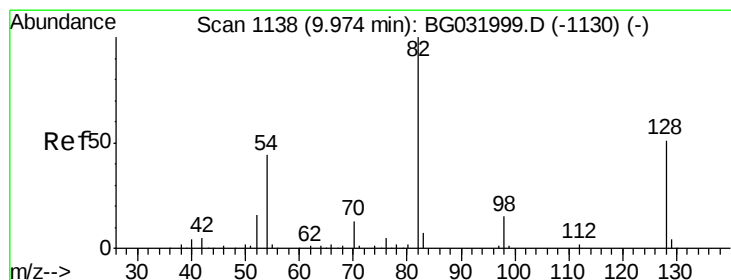
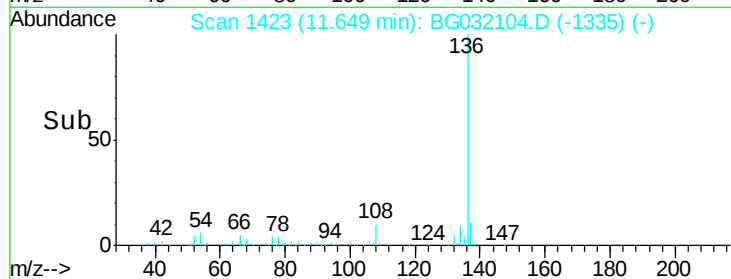
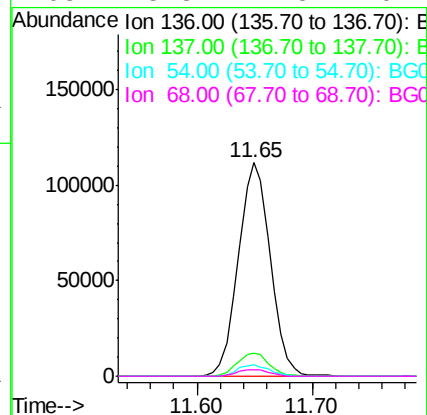
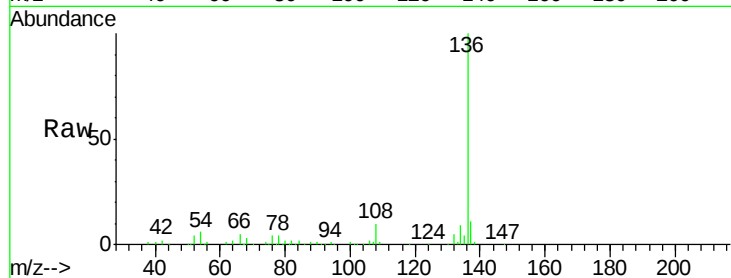




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.65 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BG032104.D
Acq: 17 Jan 2018 12:57

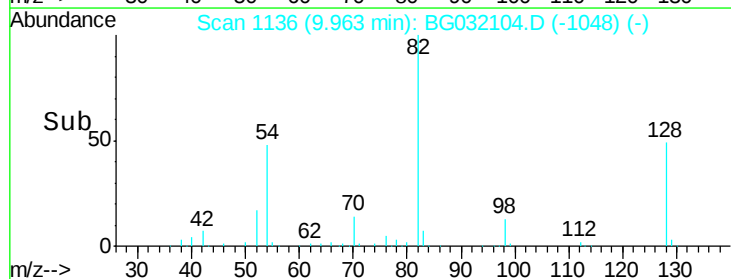
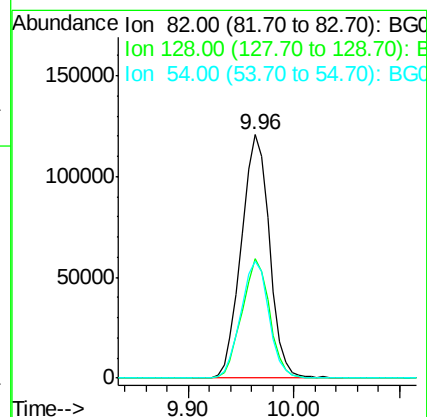
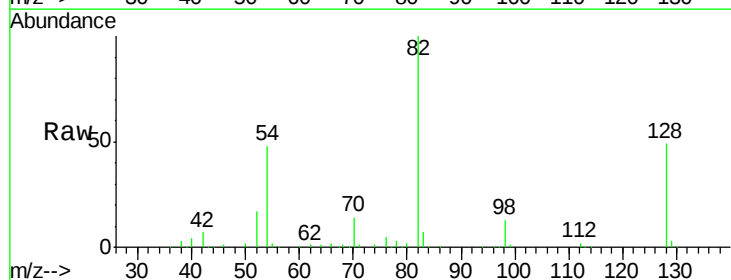
Instrument :
BNA_G
ClientSampleId :
C-5

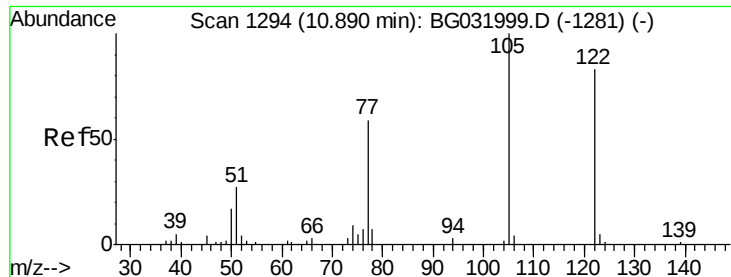
Tgt Ion:	136	Resp:	213977
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	5.6	10.3	15.5#
68	3.3	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 70.441 ng
RT: 9.96 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BG032104.D
Acq: 17 Jan 2018 12:57

Tgt Ion:	82	Resp:	222791
Ion	Ratio	Lower	Upper
82	100		
128	48.9	29.7	44.5#
54	47.9	43.1	64.7

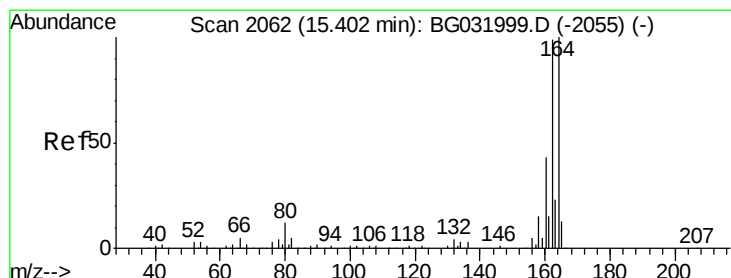
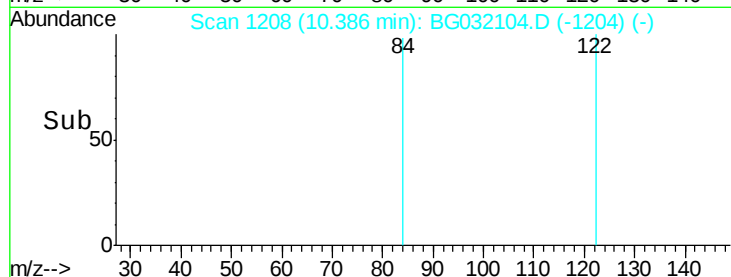
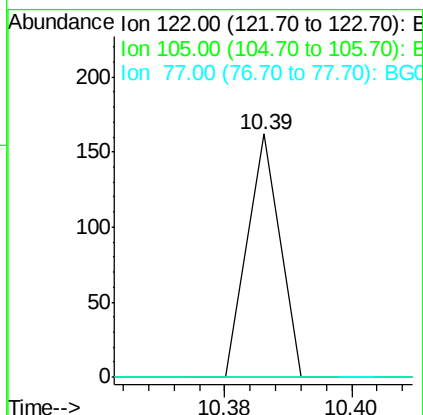
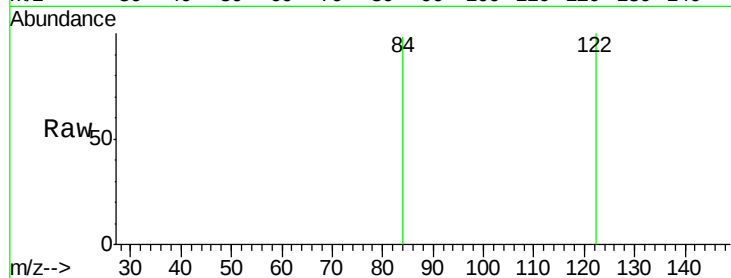




#32
Benzoic acid
Concen: 5.277 ng
RT: 10.39 min Scan# 1208
Delta R.T. -0.50 min
Lab File: BG032104.D
Acq: 17 Jan 2018 12:57

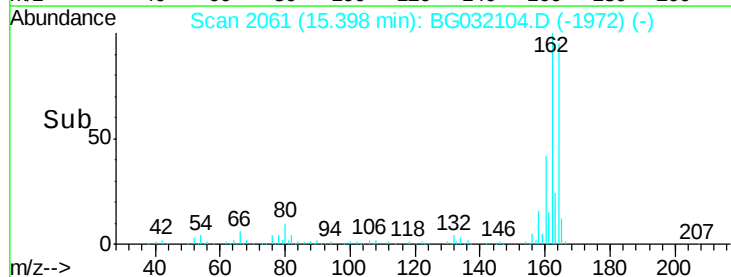
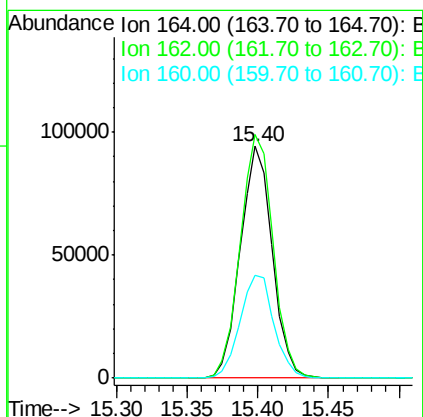
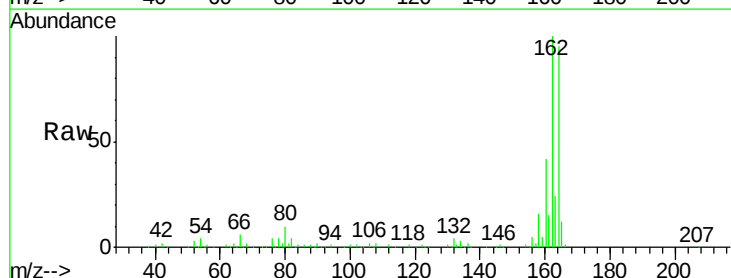
Instrument :
BNA_G
ClientSampleId :
C-5

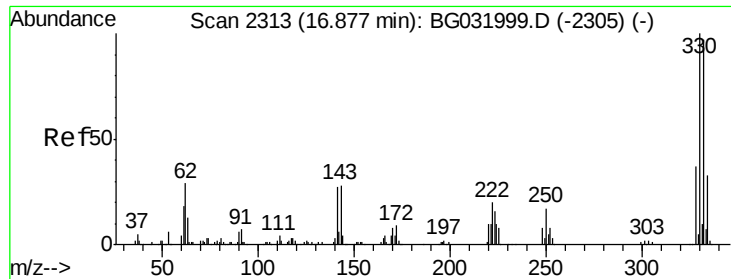
Tgt Ion:122 Resp: 57
Ion Ratio Lower Upper
122 100
105 0.0 123.5 163.5#
77 0.0 85.7 125.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.40 min Scan# 2061
Delta R.T. -0.00 min
Lab File: BG032104.D
Acq: 17 Jan 2018 12:57

Tgt Ion:164 Resp: 149190
Ion Ratio Lower Upper
164 100
162 105.0 78.8 118.2
160 44.4 35.4 53.0

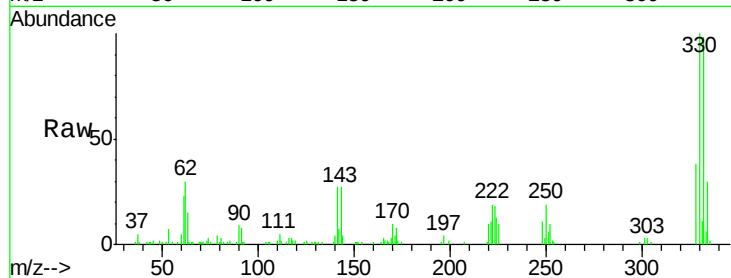




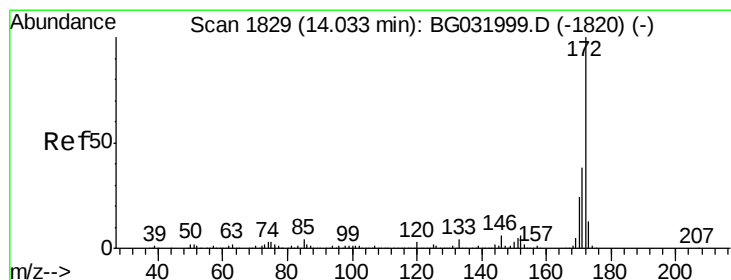
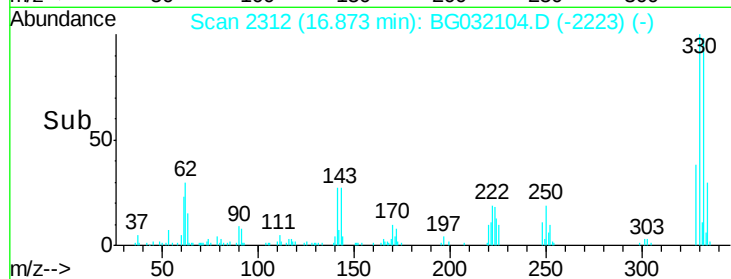
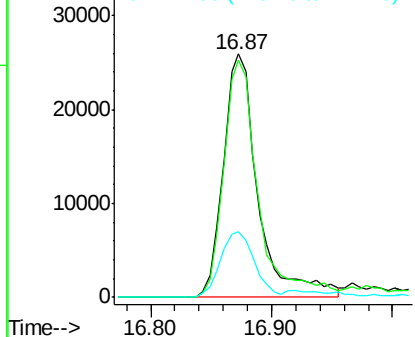
#41
 2,4,6-Tribromophenol
 Concen: 20.906 ng
 RT: 16.87 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: BG032104.D
 Acq: 17 Jan 2018 12:57

Instrument :
 BNA_G
 ClientSampleId :
 C-5

Tgt Ion:330 Resp: 51611
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 26.2 25.2 37.8

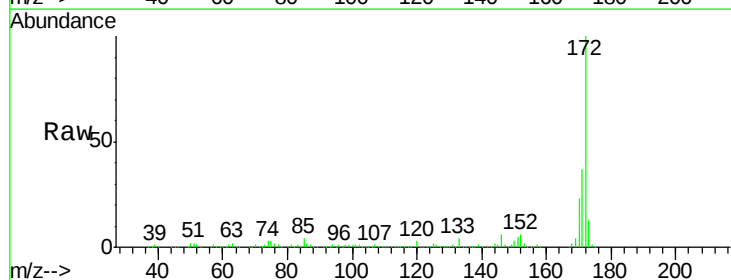


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

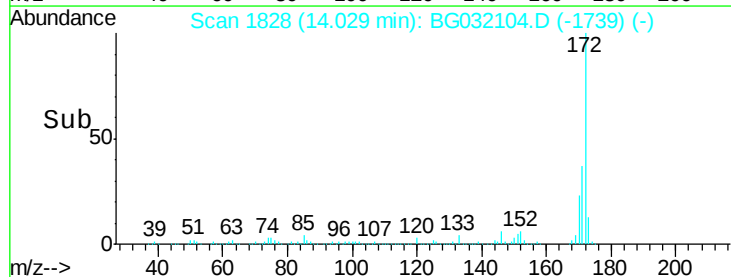
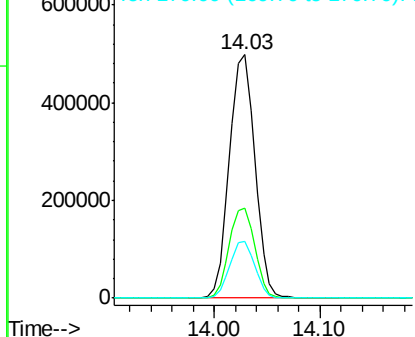


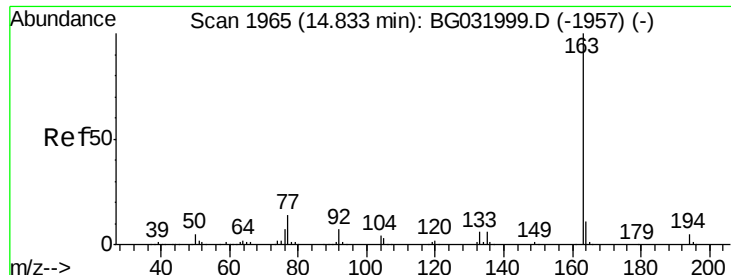
#44
 2-Fluorobiphenyl
 Concen: 69.250 ng
 RT: 14.03 min Scan# 1828
 Delta R.T. -0.00 min
 Lab File: BG032104.D
 Acq: 17 Jan 2018 12:57

Tgt Ion:172 Resp: 833211
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.0 45.0
 170 23.4 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





#49

Dimethylphthalate

Concen: 5.843 ng

RT: 14.82 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BG032104.D

Acq: 17 Jan 2018 12:57

Instrument :

BNA_G

ClientSampleId :

C-5

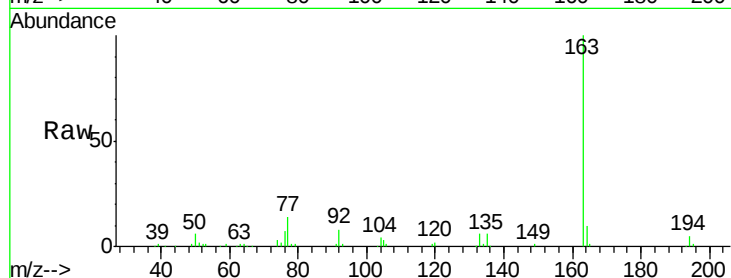
Tgt Ion:163 Resp: 76286

Ion Ratio Lower Upper

163 100

194 5.0 3.4 5.2

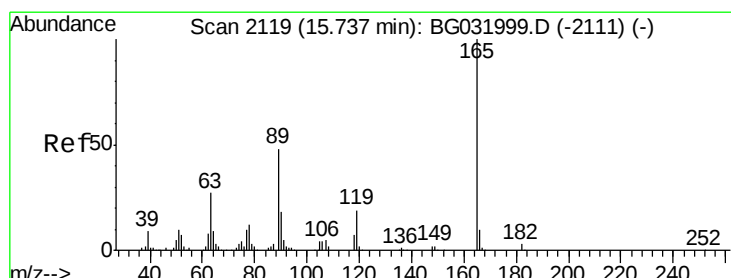
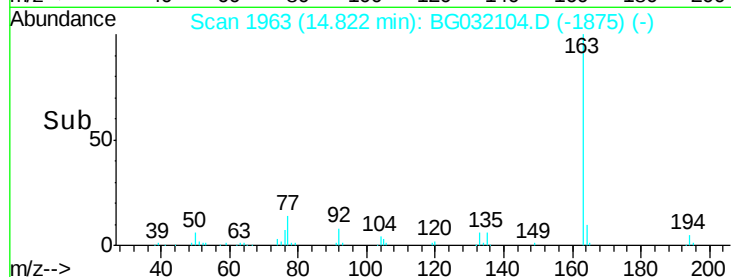
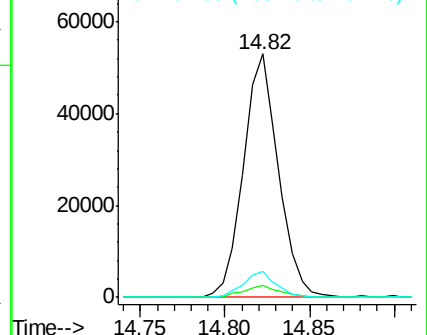
164 10.4 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 4.976 ng

RT: 15.40 min Scan# 2061

Delta R.T. -0.34 min

Lab File: BG032104.D

Acq: 17 Jan 2018 12:57

Tgt Ion:165 Resp: 18155

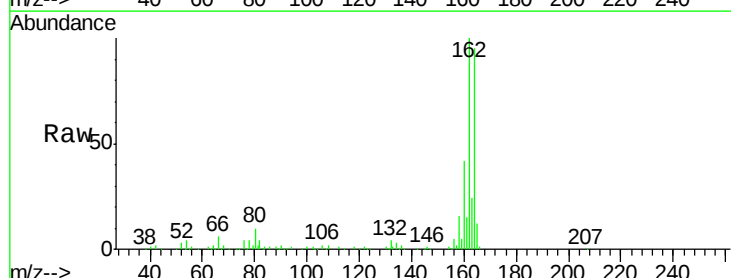
Ion Ratio Lower Upper

165 100

63 3.1 42.0 63.0#

89 1.3 66.9 100.3#

182 0.0 2.6 3.8#

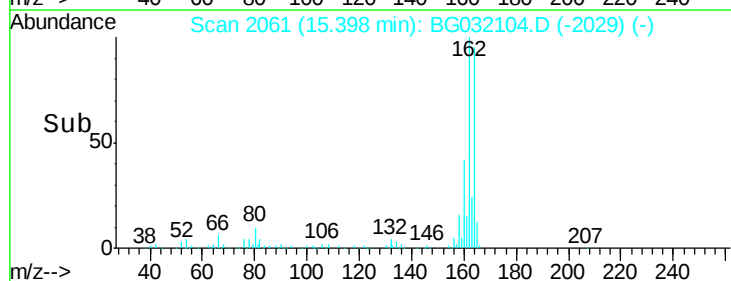
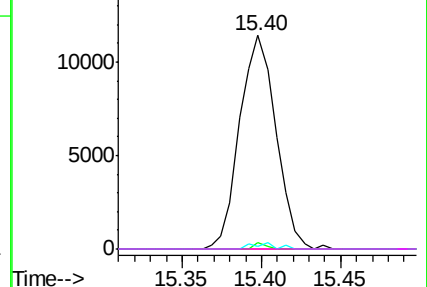


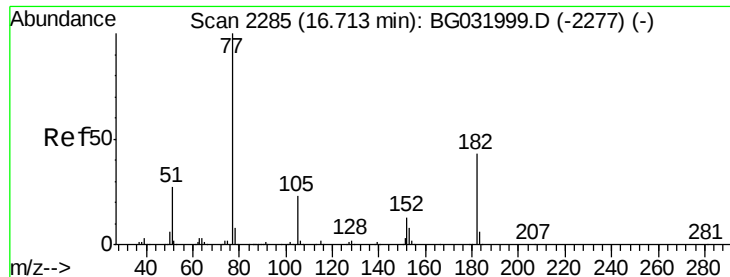
Abundance Ion 165.00 (164.70 to 165.70): E

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





#62

Azobenzene

Concen: 2.880 ng

RT: 16.73 min Scan# 2287

Delta R.T. 0.01 min

Lab File: BG032104.D

Acq: 17 Jan 2018 12:57

Instrument :

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ClientSampleId :

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Tgt Ion: 77 Resp: 22811

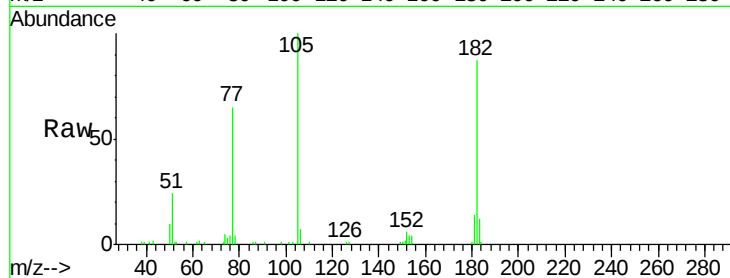
Ion Ratio Lower Upper

77 100

182 133.8 7.4 47.4#

105 153.8 0.3 40.3#

51 36.4 11.6 51.6

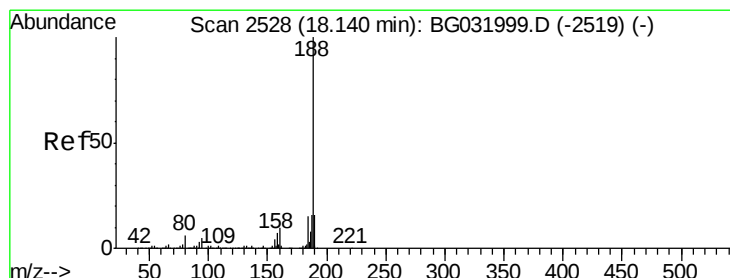
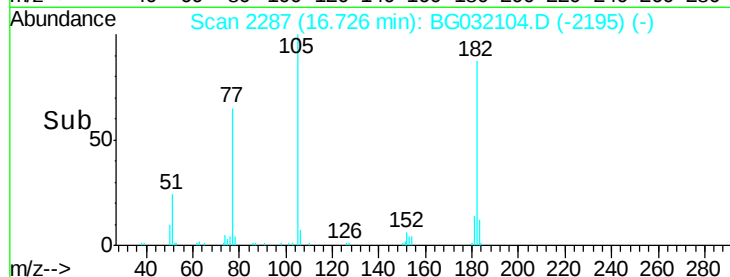
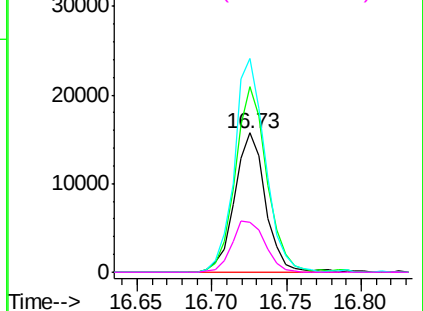


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 18.13 min Scan# 2526

Delta R.T. -0.01 min

Lab File: BG032104.D

Acq: 17 Jan 2018 12:57

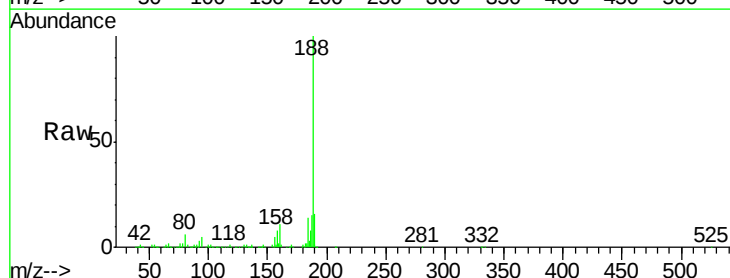
Tgt Ion: 188 Resp: 380585

Ion Ratio Lower Upper

188 100

94 4.7 6.9 10.3#

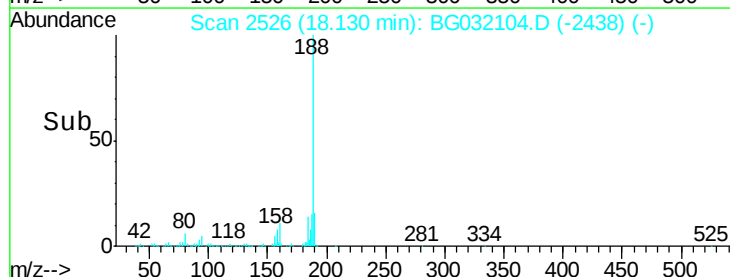
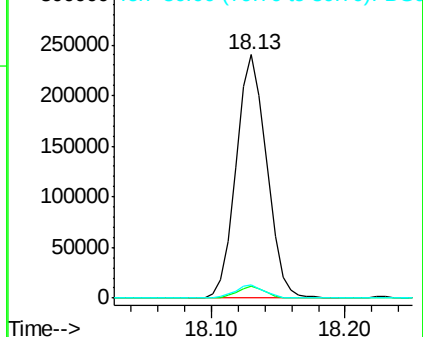
80 5.5 7.7 11.5#

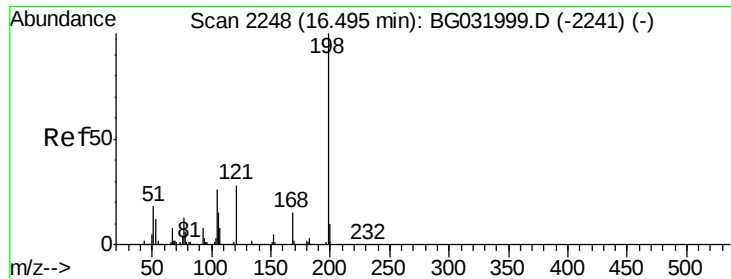


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

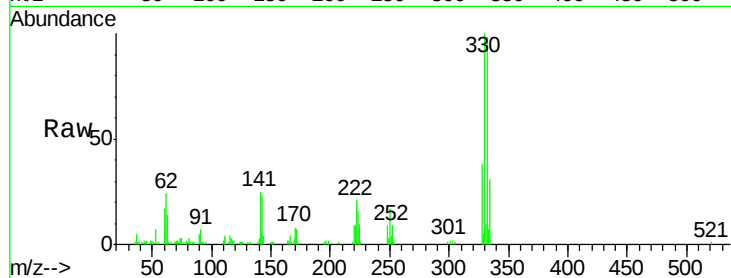




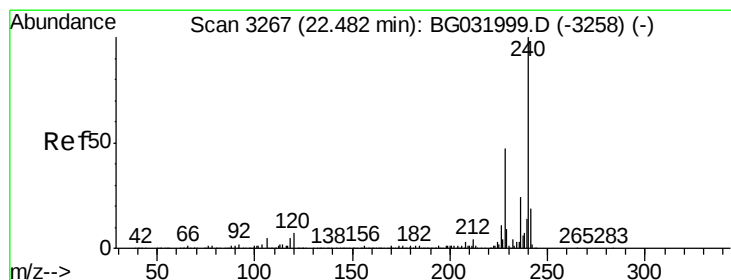
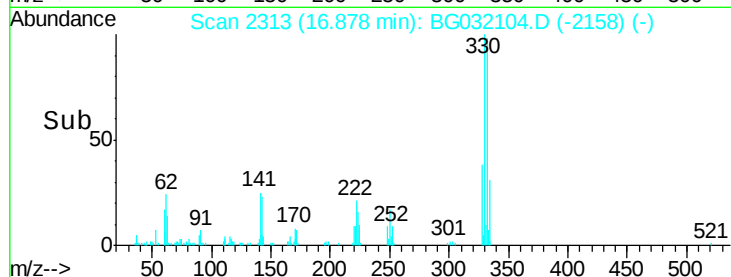
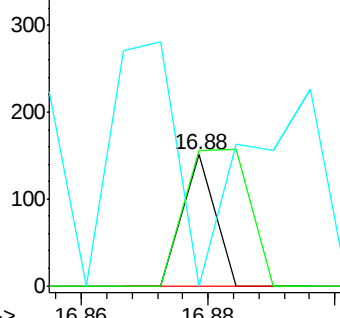
#64
 4,6-Dinitro-2-methylphenol
 Concen: 4.904 ng
 RT: 16.88 min Scan# 2313
 Delta R.T. 0.38 min
 Lab File: BG032104.D
 Acq: 17 Jan 2018 12:57

Instrument :
 BNA_G
 ClientSampleId :
 C-5

Tgt Ion:198 Resp: 53
 Ion Ratio Lower Upper
 198 100
 51 103.3 30.6 70.6#
 105 0.0 23.8 63.8#

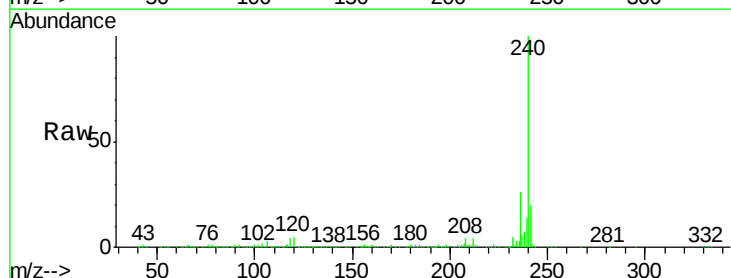


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BGC
 Ion 105.00 (104.70 to 105.70): E

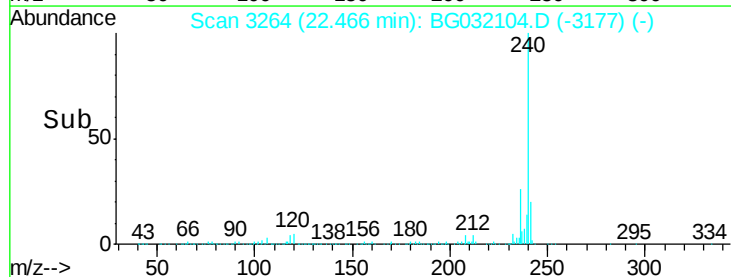
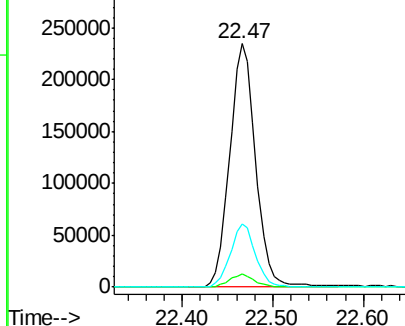


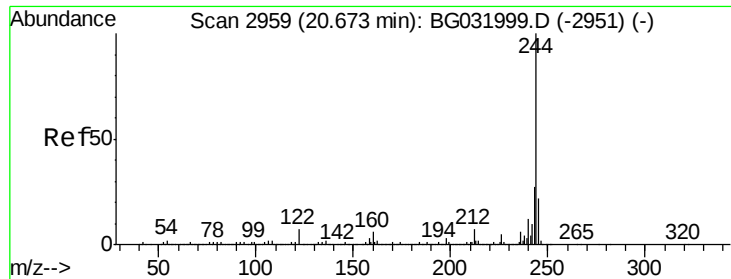
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.47 min Scan# 3264
 Delta R.T. -0.02 min
 Lab File: BG032104.D
 Acq: 17 Jan 2018 12:57

Tgt Ion:240 Resp: 466751
 Ion Ratio Lower Upper
 240 100
 120 5.5 6.8 10.2#
 236 25.7 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





#78

Terphenyl-d14

Concen: 72.219 ng

RT: 20.66 min Scan# 2957

Delta R.T. -0.01 min

Lab File: BG032104.D

Acq: 17 Jan 2018 12:57

Instrument :

BNA_G

ClientSampleId :

C-5

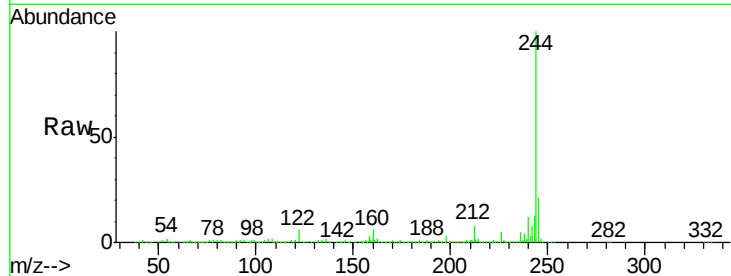
Tgt Ion:244 Resp: 1526612

Ion Ratio Lower Upper

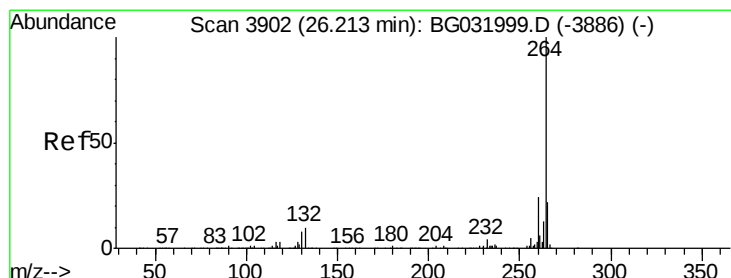
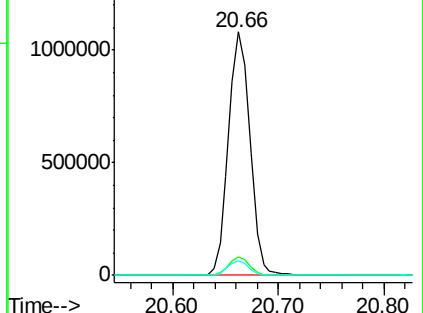
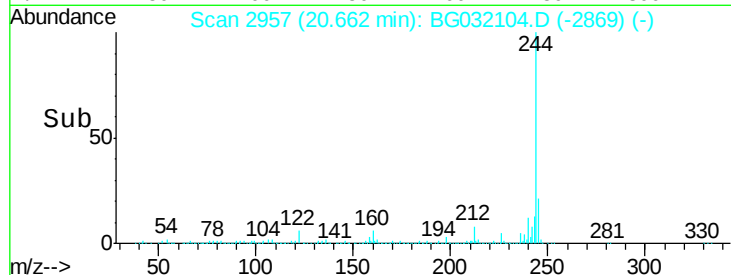
244 100

212 7.6 5.8 8.8

122 5.9 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



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.18 min Scan# 3896

Delta R.T. -0.03 min

Lab File: BG032104.D

Acq: 17 Jan 2018 12:57

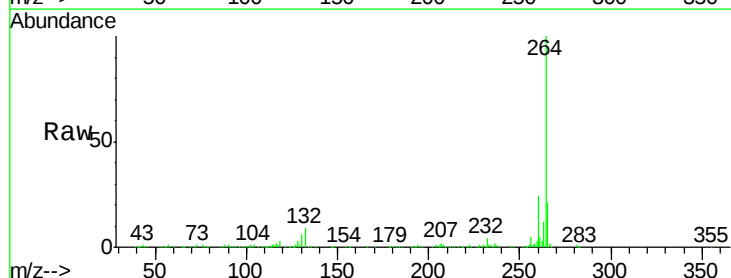
Tgt Ion:264 Resp: 479384

Ion Ratio Lower Upper

264 100

260 24.5 17.4 26.0

265 21.3 17.7 26.5



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

