

Data Path : U:\HPCHEM1\BNA G\DATA\BG011618\
 Data File : BG032083.D
 Acq On : 16 Jan 2018 23:38
 Operator : SJ/JU
 Sample : J1122-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 17 01:00:03 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

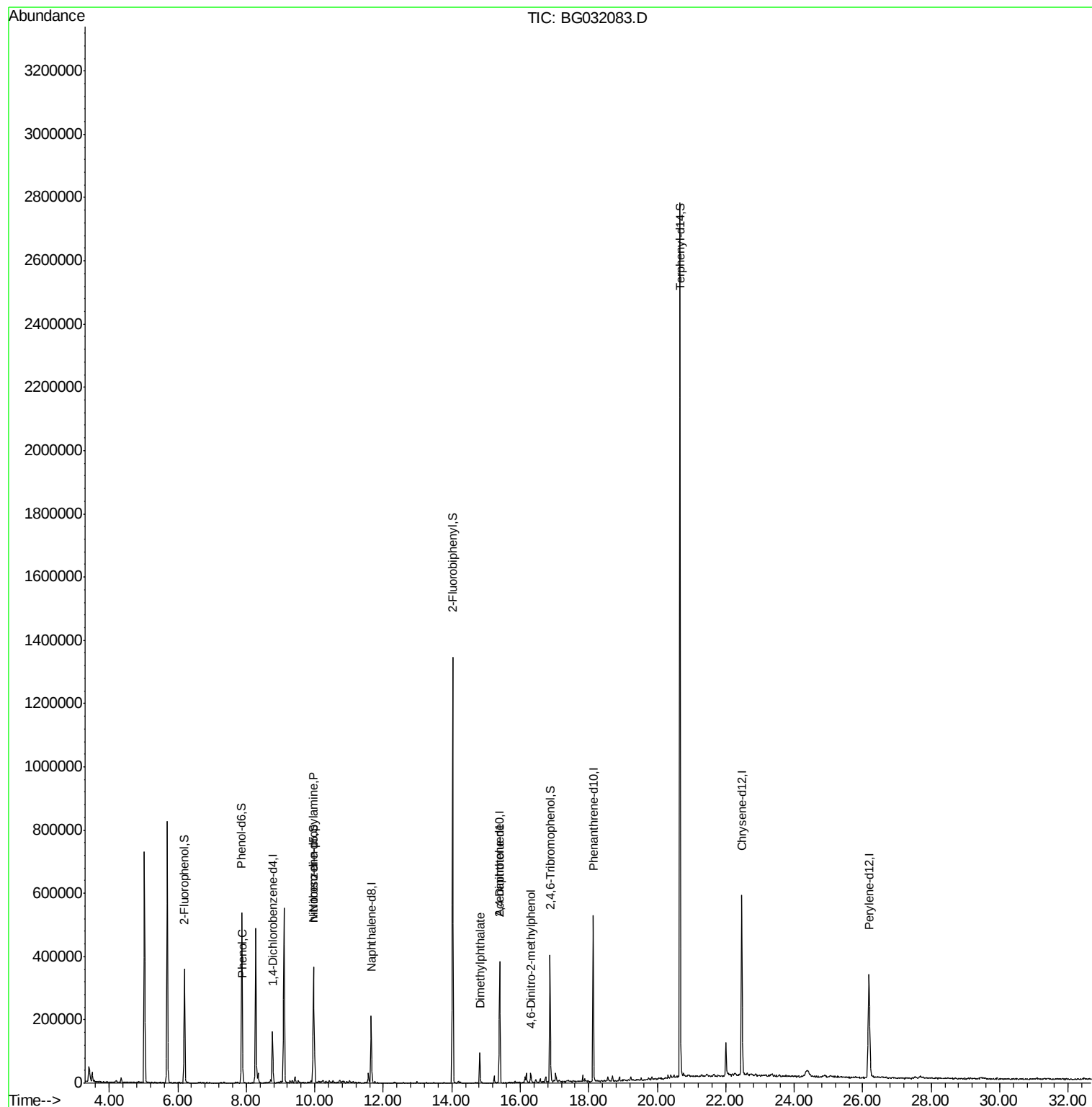
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.76	152	54124	20.00	ng	-0.01
21) Naphthalene-d8	11.65	136	208281	20.00	ng	-0.01
38) Acenaphthene-d10	15.40	164	142654	20.00	ng	0.00
63) Phenanthrene-d10	18.13	188	356375	20.00	ng	-0.01
75) Chrysene-d12	22.47	240	434748	20.00	ng	-0.02
86) Perylene-d12	26.19	264	454633	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	191156	64.59	ng	0.00
7) Phenol-d6	7.87	99	345984	92.83	ng	0.00
23) Nitrobenzene-d5	9.96	82	232951	75.67	ng	-0.01
41) 2,4,6-Tribromophenol	16.87	330	87591	37.11	ng	-0.01
44) 2-Fluorobiphenyl	14.02	172	821095	71.37	ng	-0.01
78) Terphenyl-d14	20.66	244	1477569	75.04	ng	-0.01
Target Compounds						
10) Phenol	7.90	94	10727	2.922	ng	# 72
19) n-Nitroso-di-n-propylamine	9.96	70	37225	16.097	ng	# 75
49) Dimethylphthalate	14.82	163	72733	5.826	ng	# 98
56) 2,4-Dinitrotoluene	15.40	165	18420	5.280	ng	# 19
64) 4,6-Dinitro-2-methylphenol	16.31	198	1889	5.628	ng	# 75

(#) = 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: BG032083.D

Acq: 16 Jan 2018 23:38

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BNA_G

ClientSampleId :

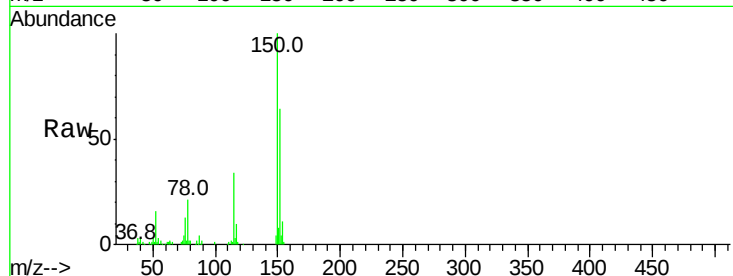
Tot Ion:152 Resp: 54124

Ion Ratio Lower Upper

152 100

150 156.3 126.6 189.8

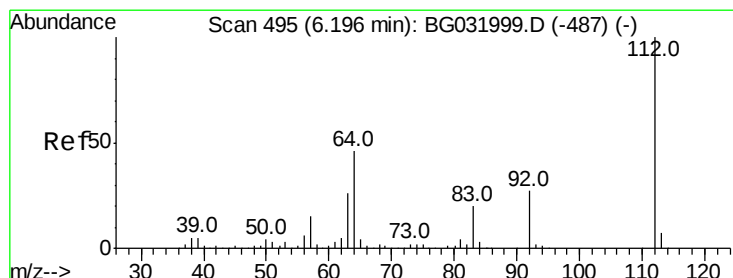
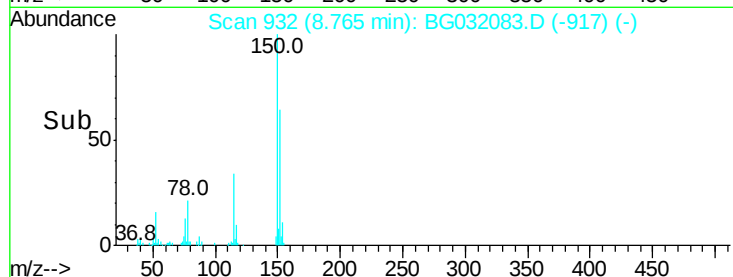
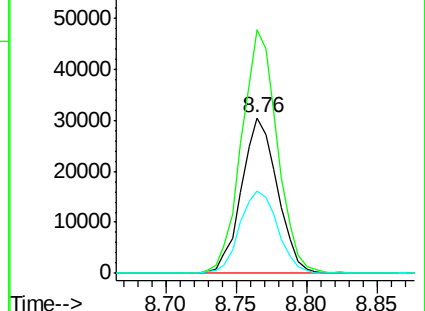
115 52.9 53.0 79.4#



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: 64.595 ng

RT: 6.20 min Scan# 495

Delta R.T. 0.00 min

Lab File: BG032083.D

Acq: 16 Jan 2018 23:38

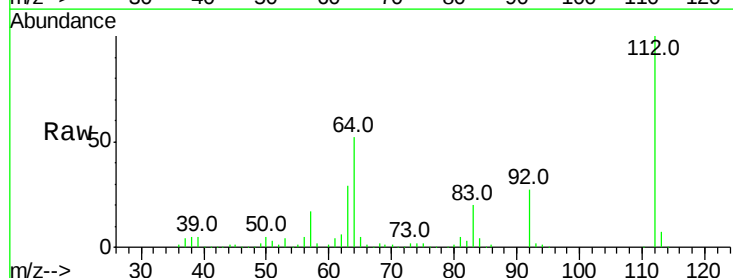
Tgt Ion:112 Resp: 191156

Ion Ratio Lower Upper

112 100

64 51.9 56.3 84.5#

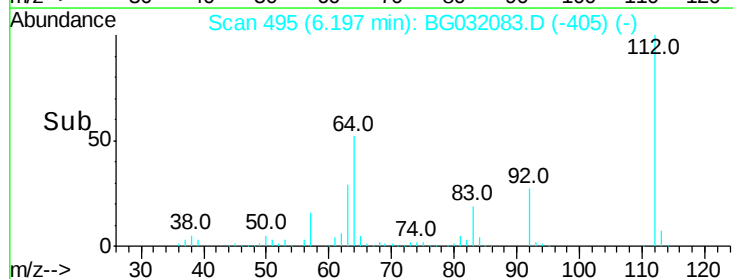
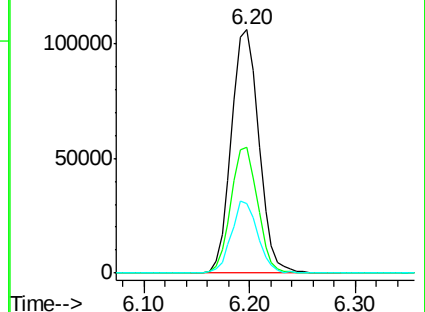
63 28.7 30.1 45.1#

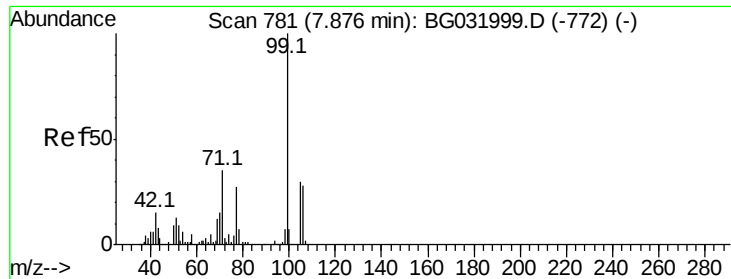


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 92.830 ng

RT: 7.87 min Scan# 780

Delta R.T. -0.00 min

Lab File: BG032083.D

Acq: 16 Jan 2018 23:38

Instrument :

BNA_G

ClientSampleId :

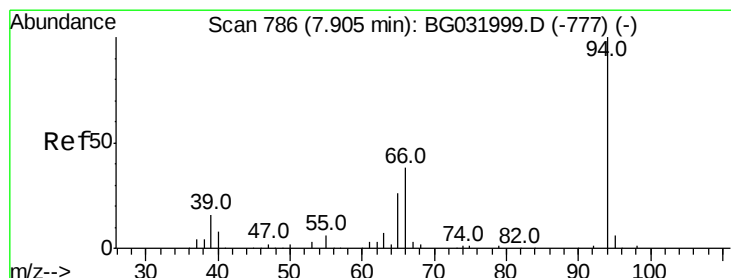
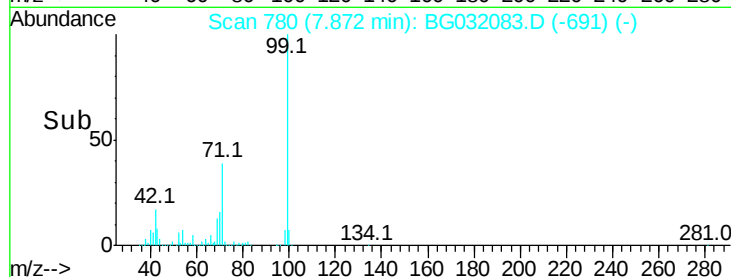
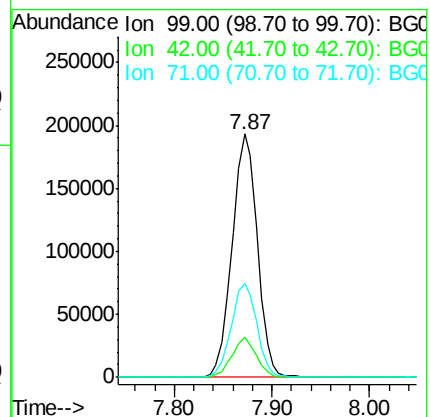
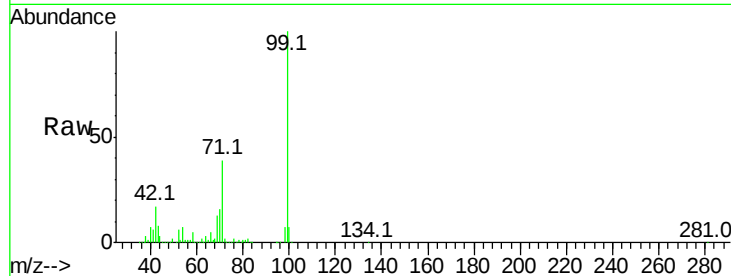
Tot Ion: 99 Resp: 345984

Ion Ratio Lower Upper

99 100

42 16.5 14.1 21.1

71 38.7 26.1 39.1



#10

Phenol

Concen: 2.922 ng

RT: 7.90 min Scan# 784

Delta R.T. -0.01 min

Lab File: BG032083.D

Acq: 16 Jan 2018 23:38

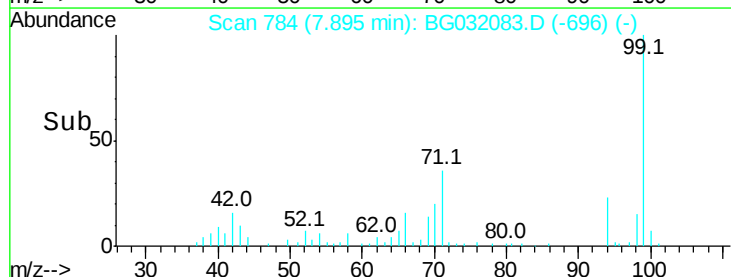
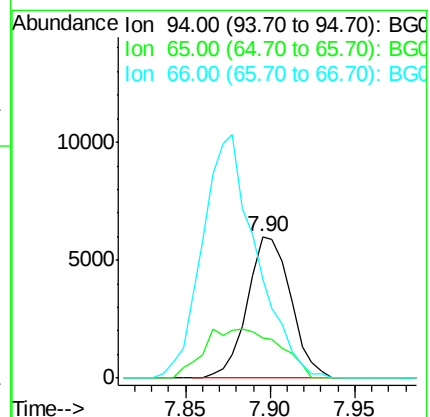
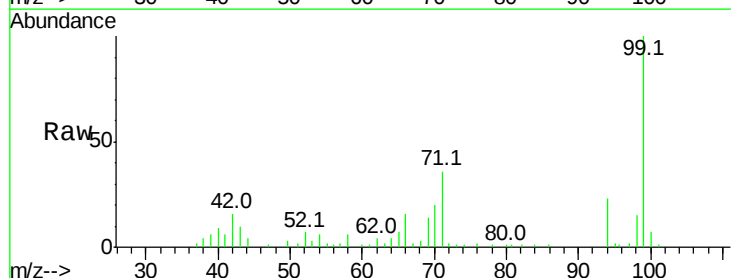
Tgt Ion: 94 Resp: 10727

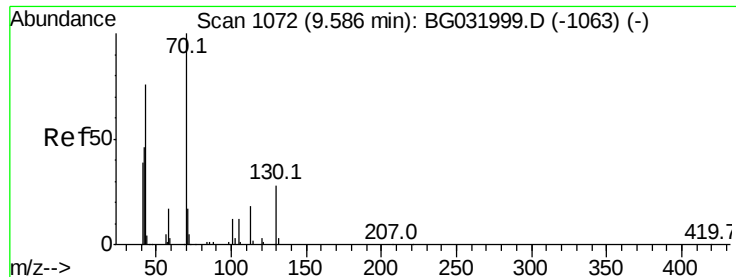
Ion Ratio Lower Upper

94 100

65 28.8 11.9 51.9

66 70.3 22.2 62.2#

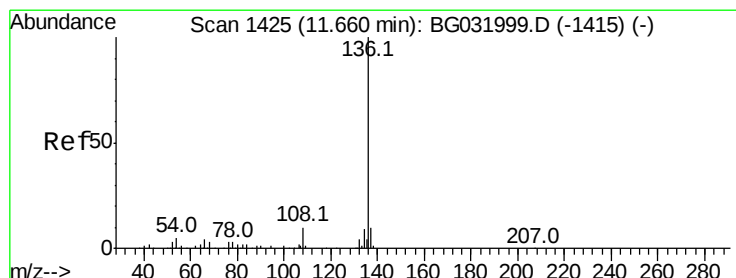
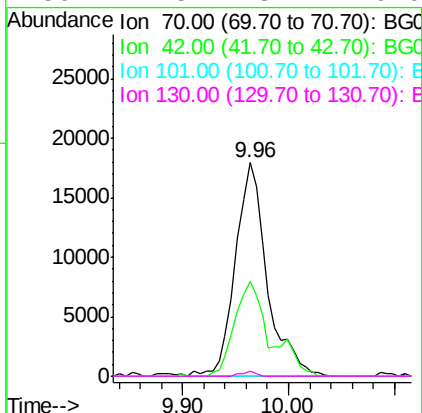
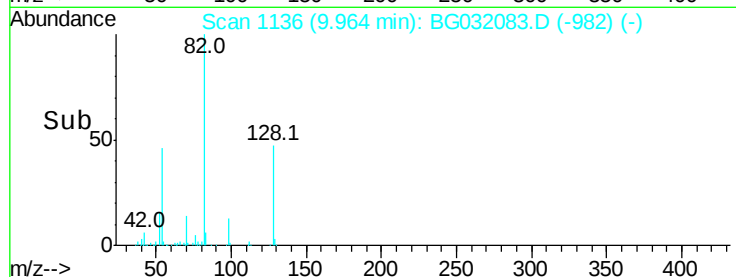
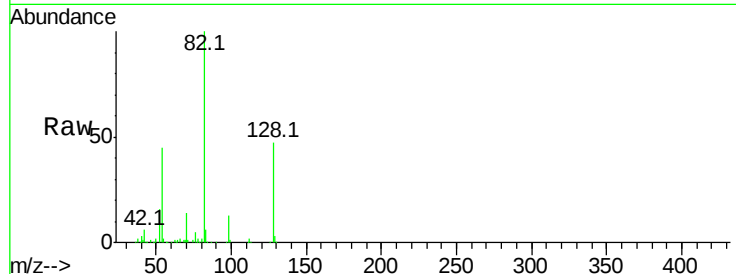




#19
n-Nitroso-di-n-propylamine
Concen: 16.097 ng
RT: 9.96 min Scan# 1136
Delta R.T. 0.38 min
Lab File: BG032083.D
Acq: 16 Jan 2018 23:38

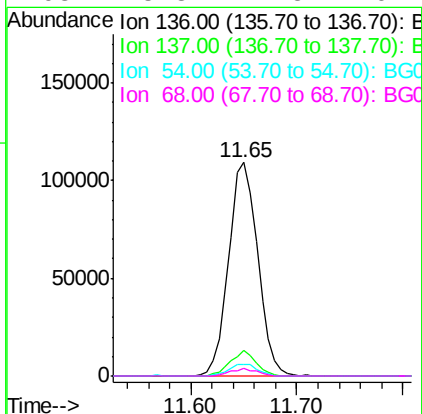
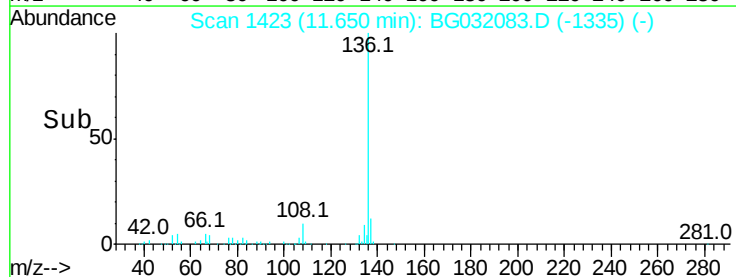
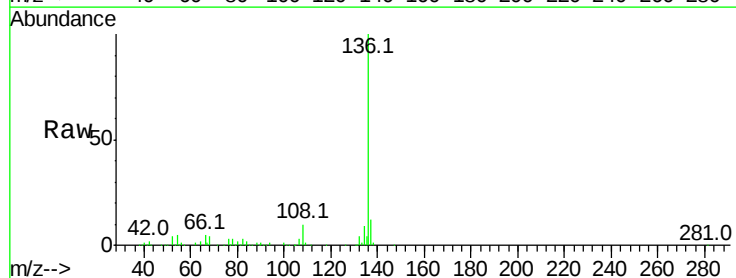
Instrument :
BNA_G
ClientSampleId :

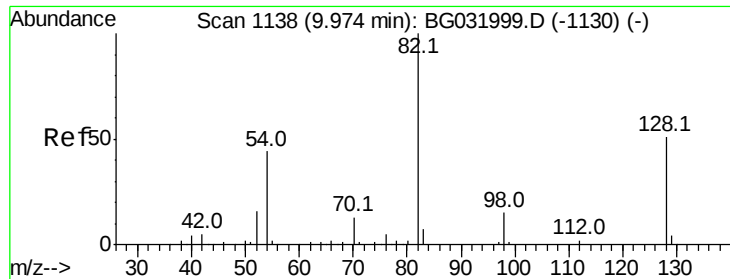
Tot Ion: 70 Resp: 37225
Ion Ratio Lower Upper
70 100
42 44.6 49.1 73.7#
101 0.0 8.5 12.7#
130 2.5 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.65 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BG032083.D
Acq: 16 Jan 2018 23:38

Tgt Ion: 136 Resp: 208281
Ion Ratio Lower Upper
136 100
137 11.9 9.2 13.8
54 5.4 10.3 15.5#
68 3.8 4.5 6.7#

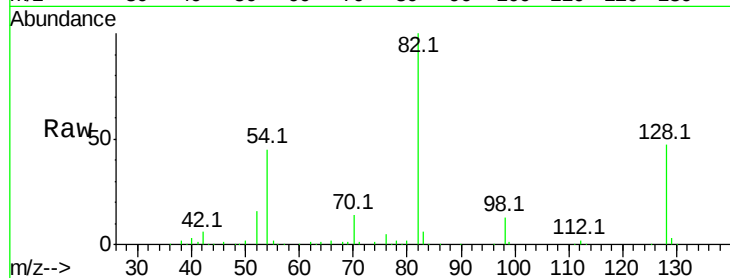




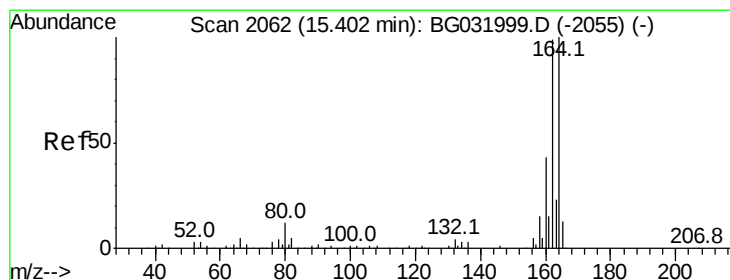
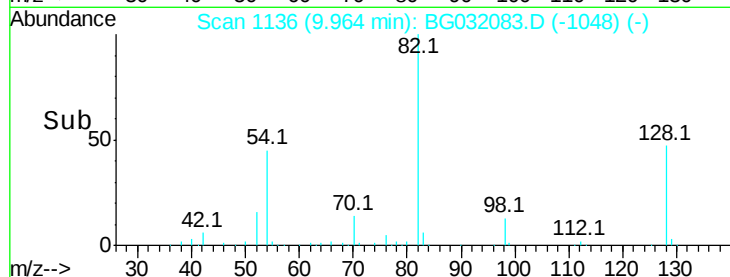
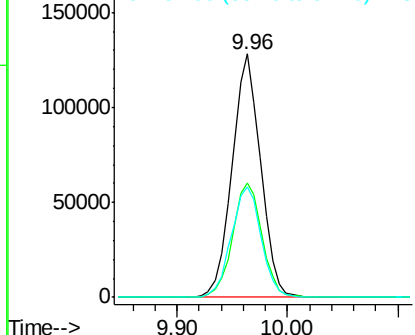
#23
Nitrobenzene-d5
Concen: 75.668 ng
RT: 9.96 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BG032083.D
Acq: 16 Jan 2018 23:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 232951
Ion Ratio Lower Upper
82 100
128 46.7 29.7 44.5#
54 45.4 43.1 64.7

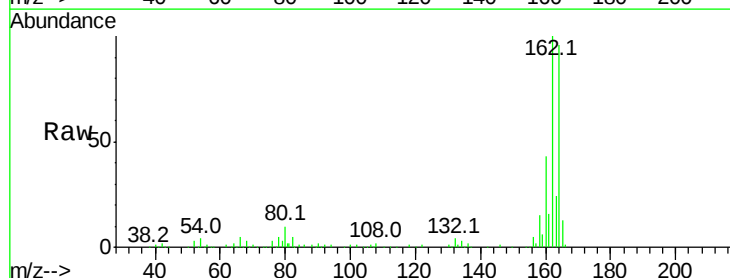


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

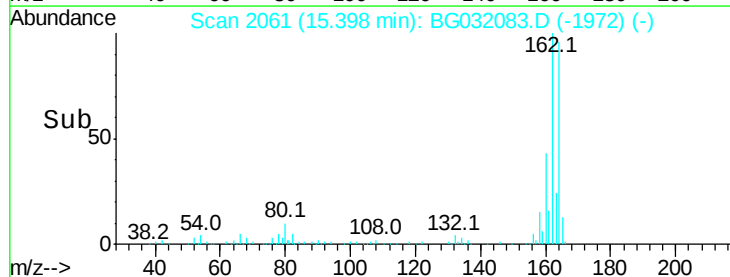
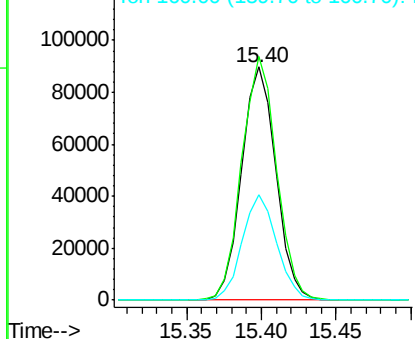


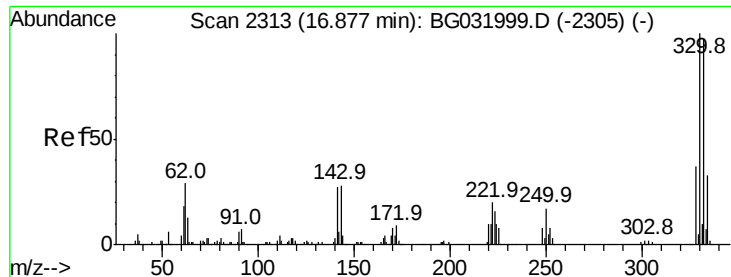
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.40 min Scan# 2061
Delta R.T. -0.00 min
Lab File: BG032083.D
Acq: 16 Jan 2018 23:38

Tgt Ion:164 Resp: 142654
Ion Ratio Lower Upper
164 100
162 104.4 78.8 118.2
160 45.2 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

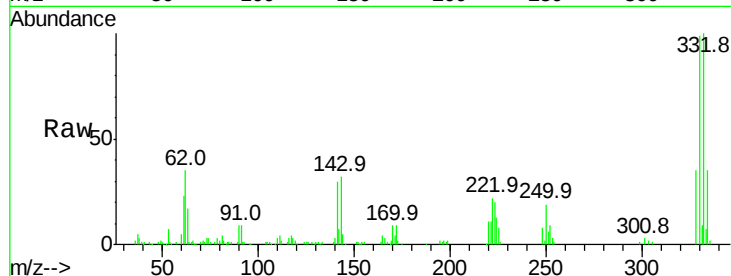




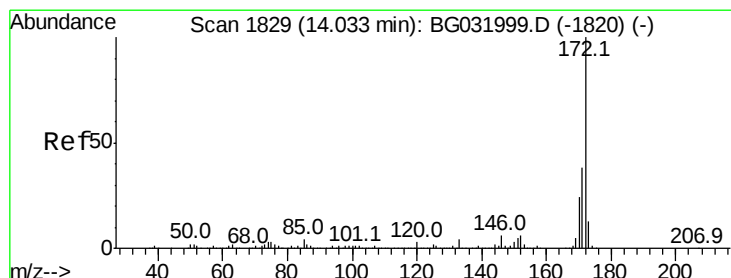
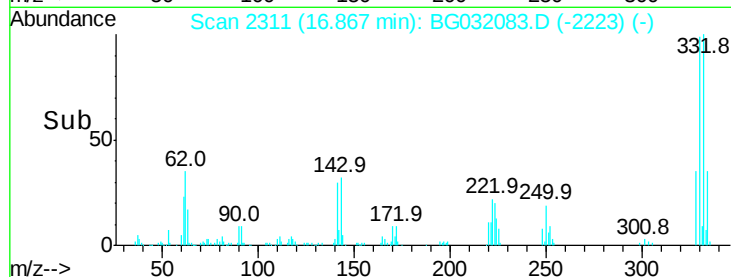
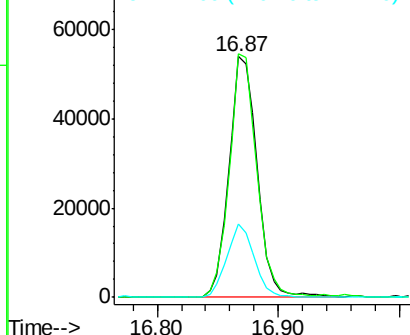
#41
 2,4,6-Tribromophenol
 Concen: 37.106 ng
 RT: 16.87 min Scan# 2311
 Delta R.T. -0.01 min
 Lab File: BG032083.D
 Acq: 16 Jan 2018 23:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 87591
 Ion Ratio Lower Upper
 330 100
 332 99.0 77.0 115.6
 141 29.5 25.2 37.8

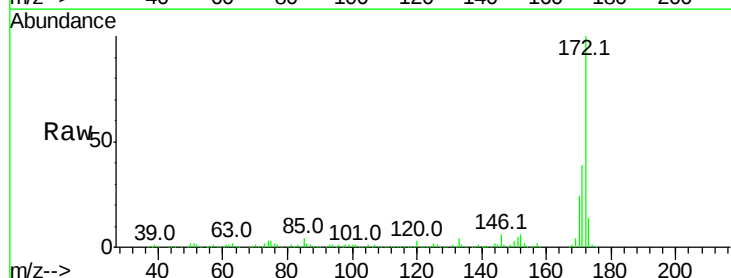


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

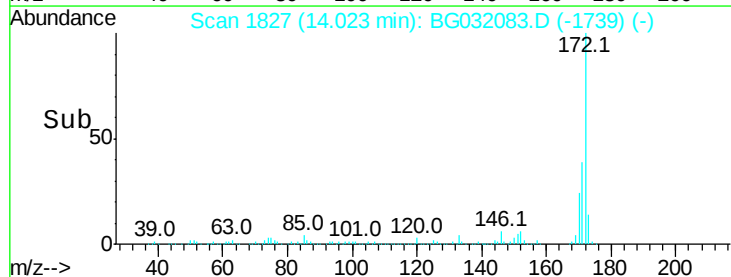
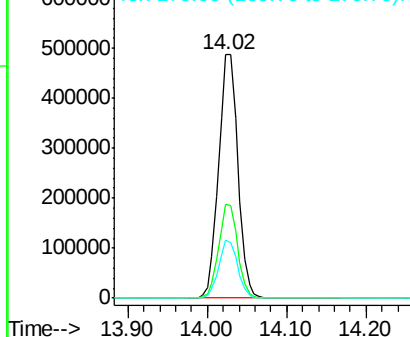


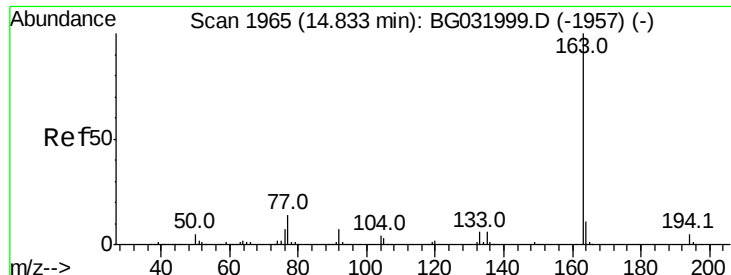
#44
 2-Fluorobiphenyl
 Concen: 71.370 ng
 RT: 14.02 min Scan# 1827
 Delta R.T. -0.01 min
 Lab File: BG032083.D
 Acq: 16 Jan 2018 23:38

Tgt Ion:172 Resp: 821095
 Ion Ratio Lower Upper
 172 100
 171 38.7 30.0 45.0
 170 23.7 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: 5.826 ng

RT: 14.82 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BG032083.D

Acq: 16 Jan 2018 23:38

Instrument :

BNA_G

ClientSampleId :

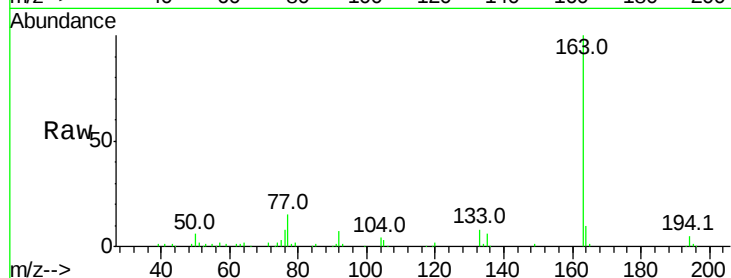
Tot Ion:163 Resp: 72733

Ion Ratio Lower Upper

163 100

194 5.3 3.4 5.2#

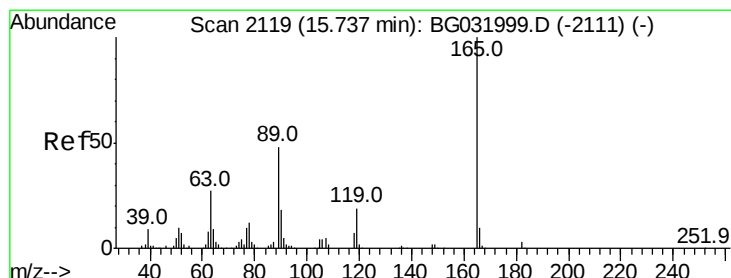
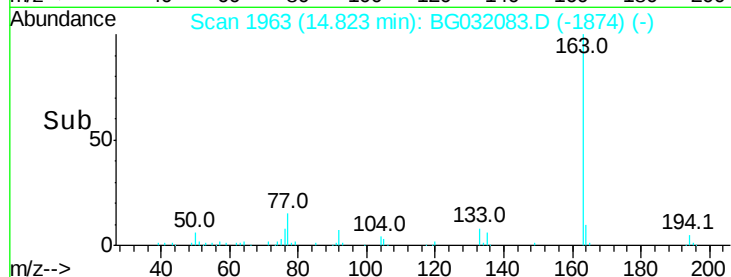
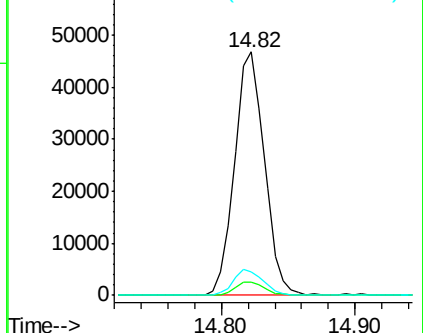
164 9.8 8.2 12.4



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: 5.280 ng

RT: 15.40 min Scan# 2061

Delta R.T. -0.34 min

Lab File: BG032083.D

Acq: 16 Jan 2018 23:38

Tgt Ion:165 Resp: 18420

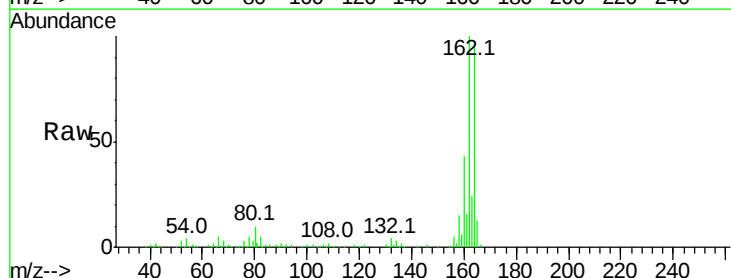
Ion Ratio Lower Upper

165 100

63 2.1 42.0 63.0#

89 1.7 66.9 100.3#

182 0.0 2.6 3.8#

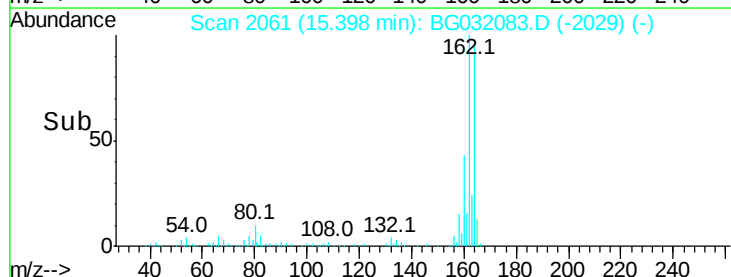
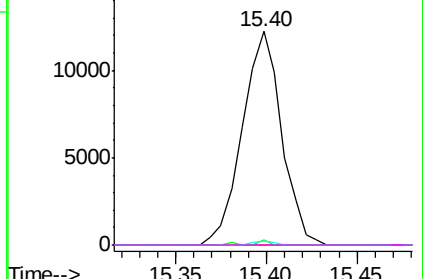


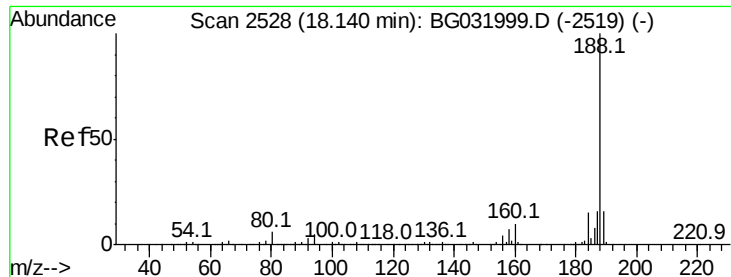
Abundance Ion 165.00 (164.70 to 165.70): E

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

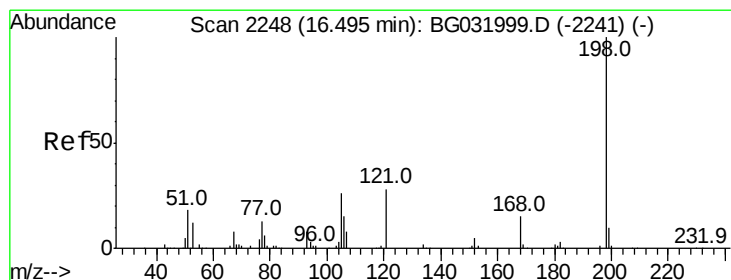
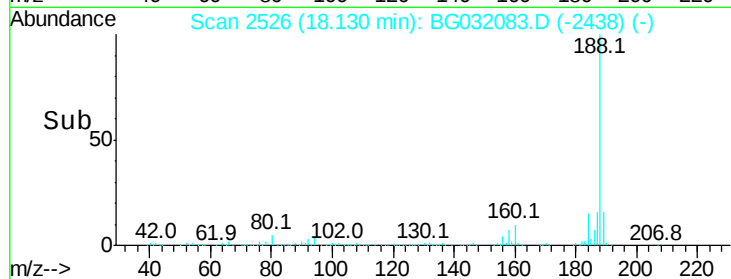
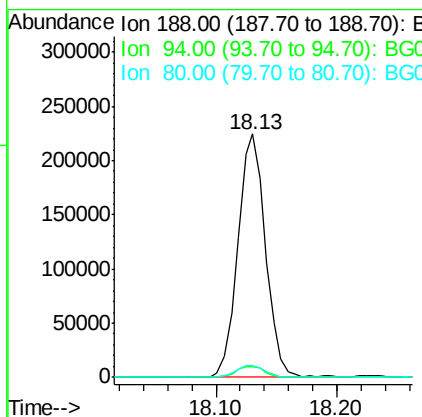
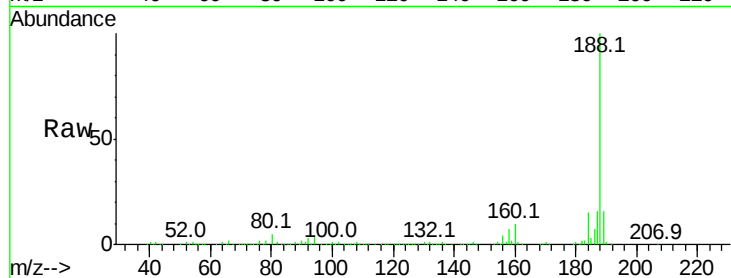




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.13 min Scan# 2526
 Delta R.T. -0.01 min
 Lab File: BG032083.D
 Acq: 16 Jan 2018 23:38

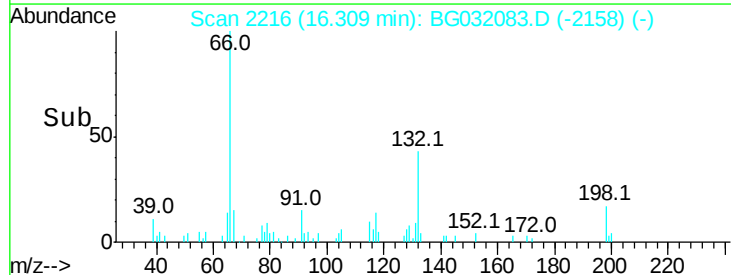
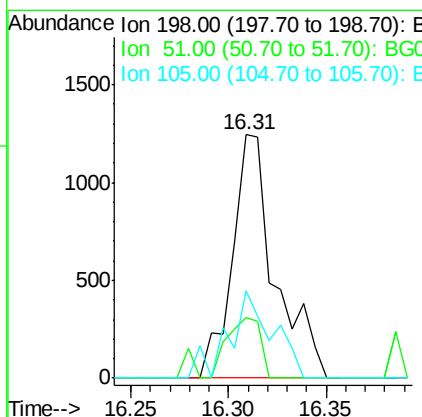
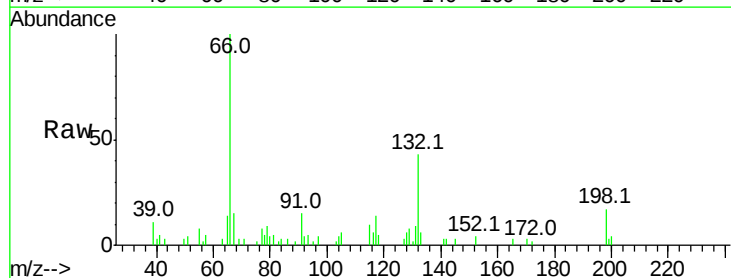
Instrument :
 BNA_G
 ClientSampleId :

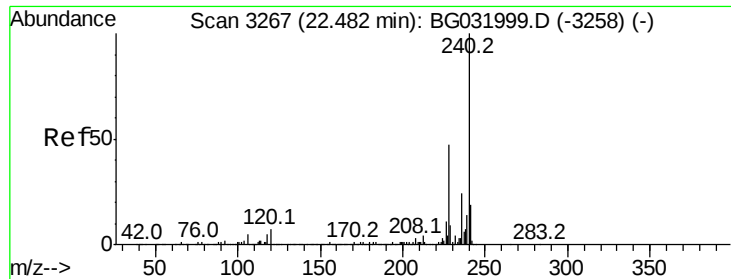
Tot Ion:188 Resp: 356375
 Ion Ratio Lower Upper
 188 100
 94 4.5 6.9 10.3#
 80 5.1 7.7 11.5#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.628 ng
 RT: 16.31 min Scan# 2216
 Delta R.T. -0.19 min
 Lab File: BG032083.D
 Acq: 16 Jan 2018 23:38

Tgt Ion:198 Resp: 1889
 Ion Ratio Lower Upper
 198 100
 51 25.0 30.6 70.6#
 105 36.0 23.8 63.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.47 min Scan# 3264

Delta R.T. -0.02 min

Lab File: BG032083.D

Acq: 16 Jan 2018 23:38

Instrument :

BNA_G

ClientSampleId :

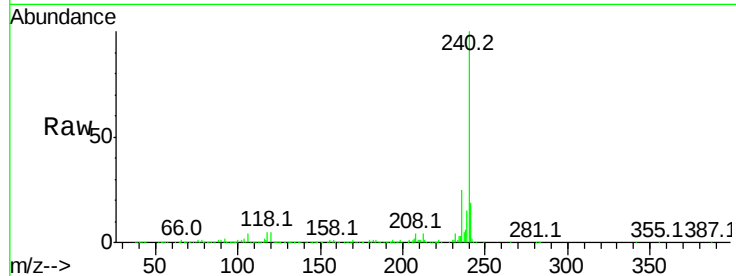
Tot Ion:240 Resp: 434748

Ion Ratio Lower Upper

240 100

120 5.2 6.8 10.2#

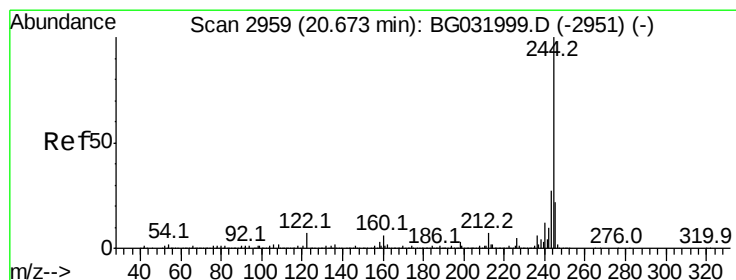
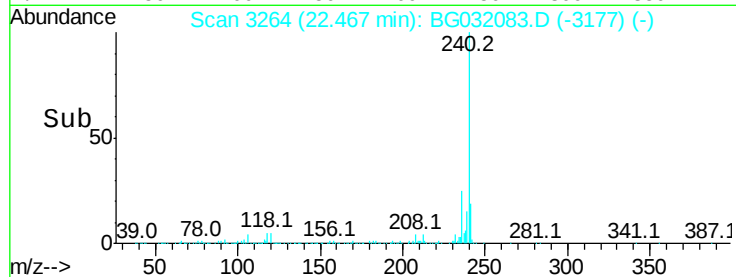
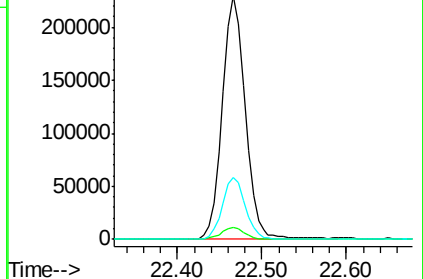
236 25.5 20.9 31.3



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: 75.044 ng

RT: 20.66 min Scan# 2957

Delta R.T. -0.01 min

Lab File: BG032083.D

Acq: 16 Jan 2018 23:38

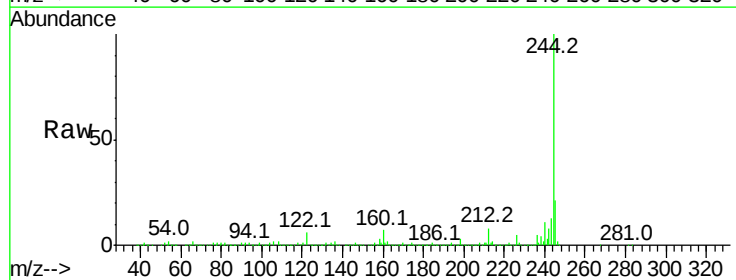
Tgt Ion:244 Resp: 1477569

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

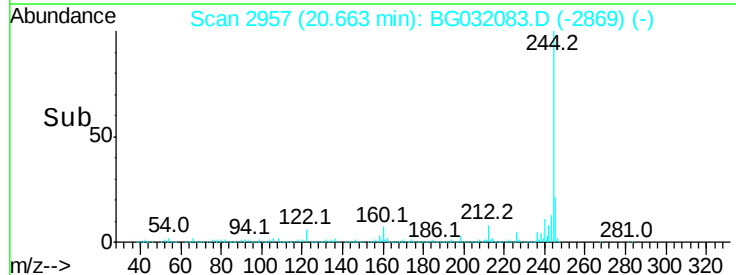
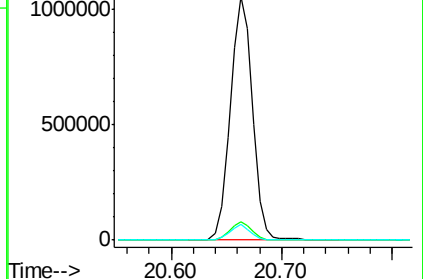
122 6.4 7.0 10.4#

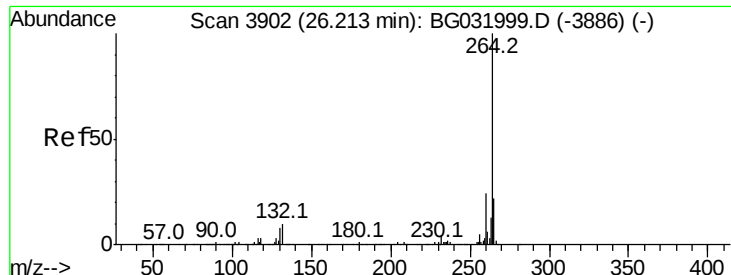


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

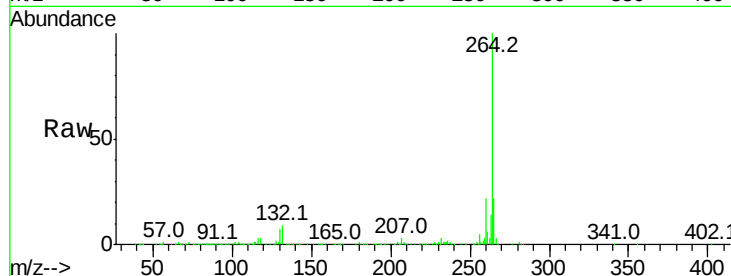




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.19 min Scan# 3897
Delta R.T. -0.03 min
Lab File: BG032083.D
Acq: 16 Jan 2018 23:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.4	26.0
265	22.2	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

