

Data Path : U:\HPCHEM1\BNA G\DATA\BG013018\
 Data File : BG032443.D
 Acq On : 30 Jan 2018 15:49
 Operator : SJ/JU
 Sample : PB106192BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 31 00:42:22 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

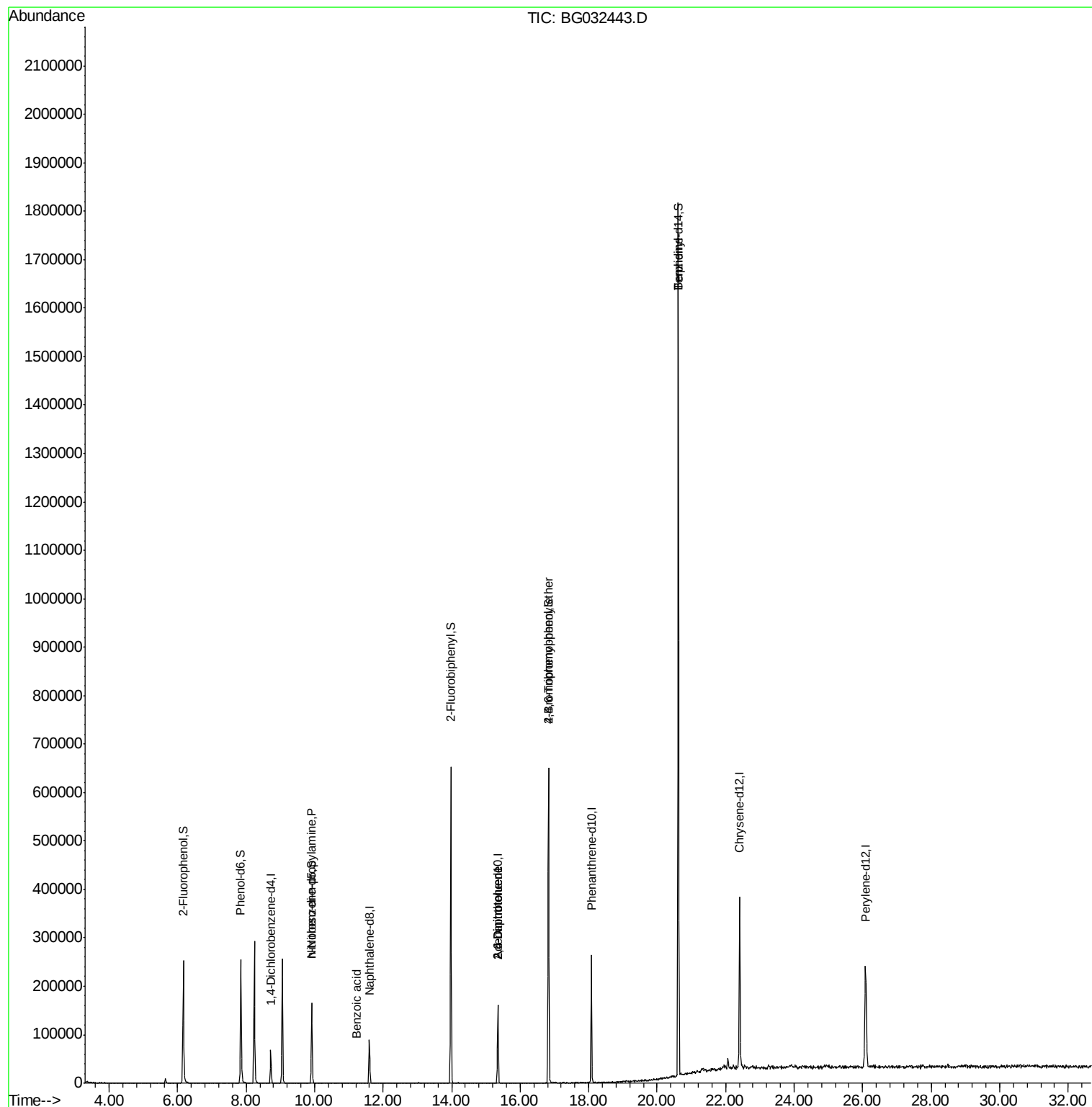
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	23280	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	86549	20.00	ng	0.00
38) Acenaphthene-d10	15.35	164	63825	20.00	ng	0.00
63) Phenanthrene-d10	18.08	188	184235	20.00	ng	0.00
75) Chrysene-d12	22.41	240	264807	20.00	ng	0.00
86) Perylene-d12	26.09	264	278603	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	139904	120.71	ng	0.00
7) Phenol-d6	7.84	99	167904	108.56	ng	0.02
23) Nitrobenzene-d5	9.91	82	105095	75.84	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	153677	126.49	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	387137	72.09	ng	0.00
78) Terphenyl-d14	20.62	244	967973	78.30	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.91	70	15397	15.014	ng	# 77
32) Benzoic acid	11.22	122	57	7.339	ng	# 1
50) 2,6-Dinitrotoluene	15.35	165	7553	6.115	ng	# 22
56) 2,4-Dinitrotoluene	15.35	165	7553	4.295	ng	# 19
66) 4-Bromophenyl-phenylether	16.83	248	13583	4.977	ng	# 1
76) Benzidine	20.62	184	13977	2.688	ng	# 94

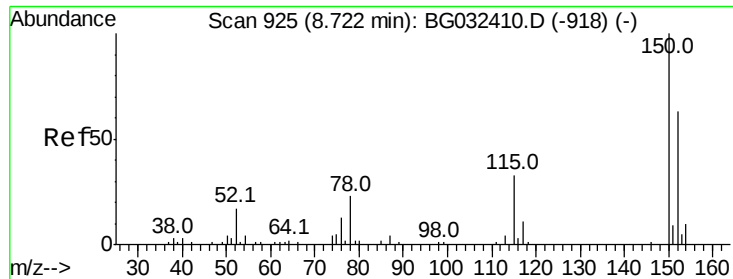
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : U:\HPCHEM1\BNA G\DATA\BG013018\
Data File : BG032443.D
Acq On : 30 Jan 2018 15:49
Operator : SJ/JU
Sample : PB106192BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 31 00:42:22 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 15:32:55 2018
Response via : Initial Calibration



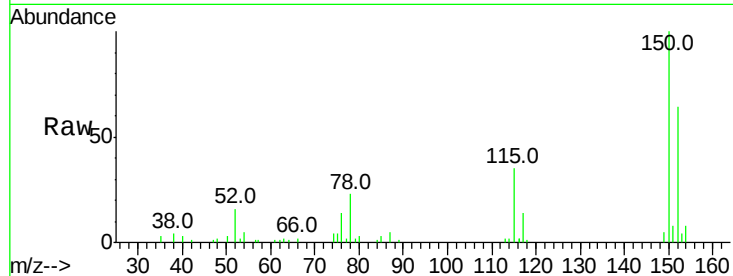


#1

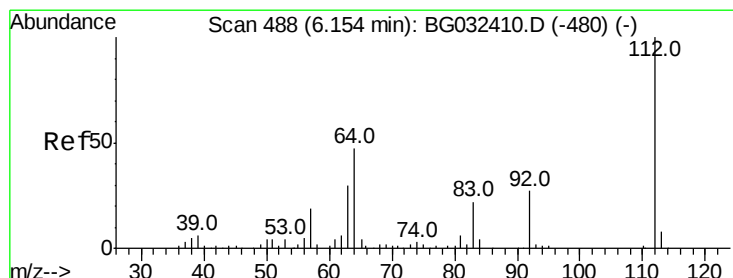
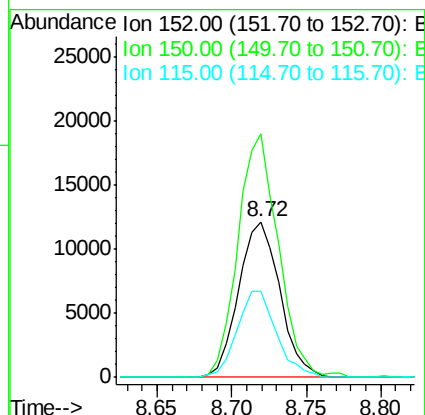
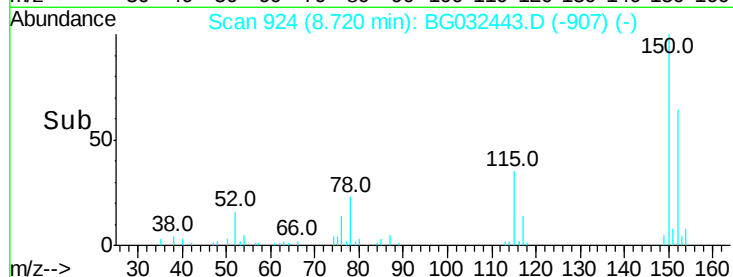
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.72 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: BG032443.D
 Acq: 30 Jan 2018 15:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 23280
 Ion Ratio Lower Upper
 152 100
 150 156.7 126.6 189.8
 115 55.2 53.0 79.4



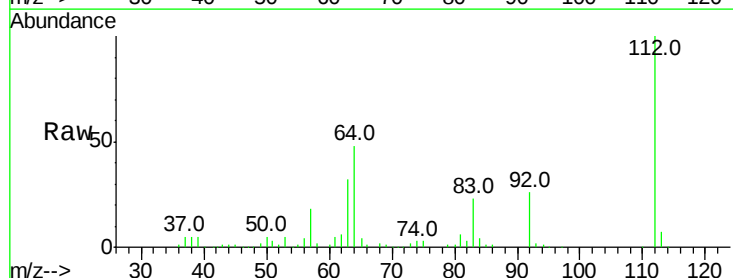
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



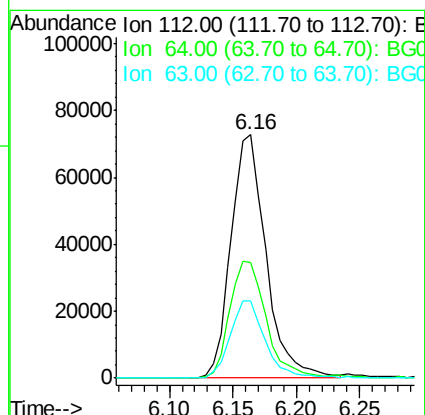
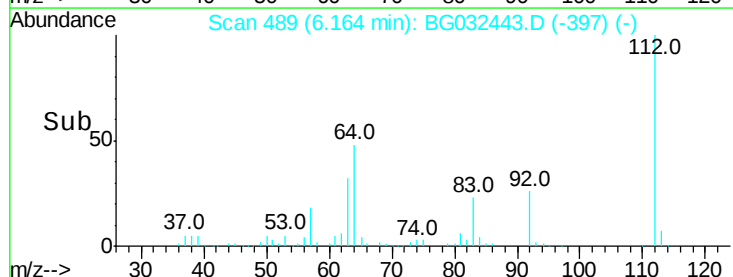
#5

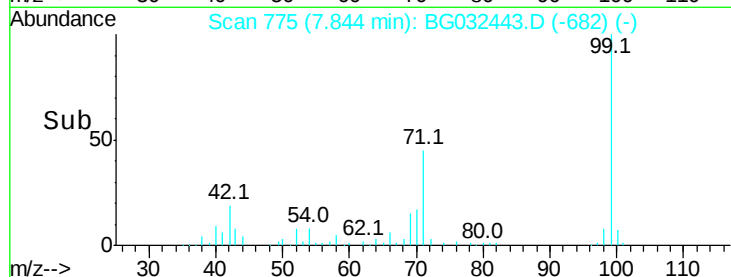
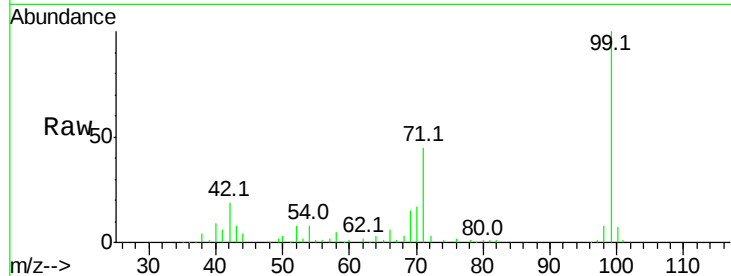
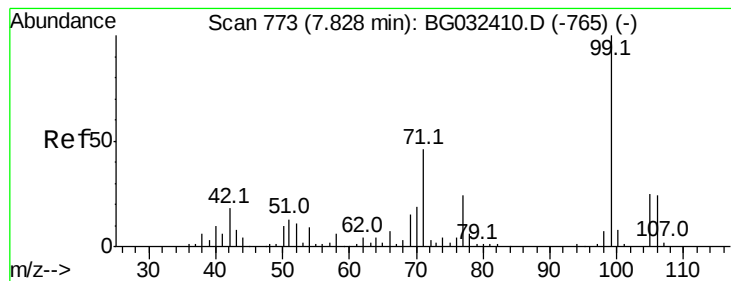
2-Fluorophenol
 Concen: 120.707 ng
 RT: 6.16 min Scan# 489
 Delta R.T. 0.01 min
 Lab File: BG032443.D
 Acq: 30 Jan 2018 15:49

Tgt Ion:112 Resp: 139904
 Ion Ratio Lower Upper
 112 100
 64 47.7 56.3 84.5#
 63 31.6 30.1 45.1



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





#7

Phenol-d6

Concen: 108.560 ng

RT: 7.84 min Scan# 775

Delta R.T. 0.02 min

Lab File: BG032443.D

Acq: 30 Jan 2018 15:49

Instrument :

BNA_G

ClientSampleId :

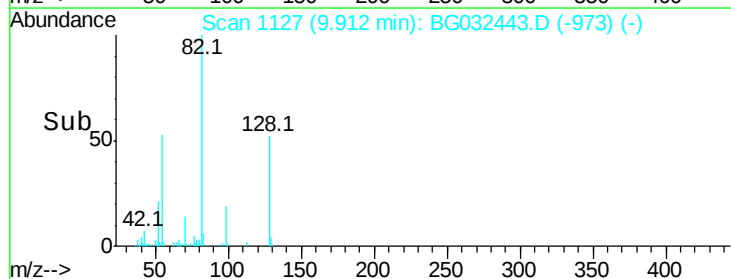
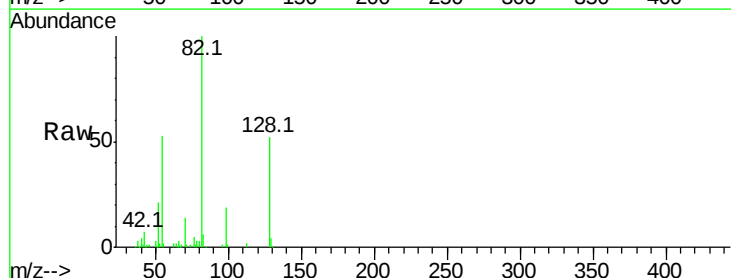
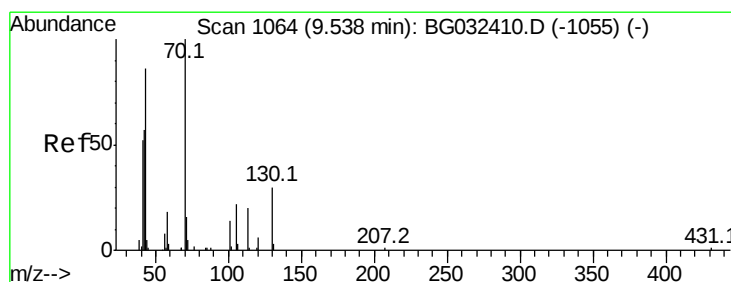
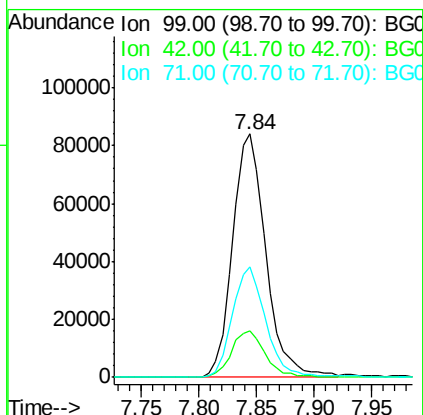
Tot Ion: 99 Resp: 167904

Ion Ratio Lower Upper

99 100

42 19.3 14.1 21.1

71 45.2 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 15.014 ng

RT: 9.91 min Scan# 1127

Delta R.T. 0.37 min

Lab File: BG032443.D

Acq: 30 Jan 2018 15:49

Tgt Ion: 70 Resp: 15397

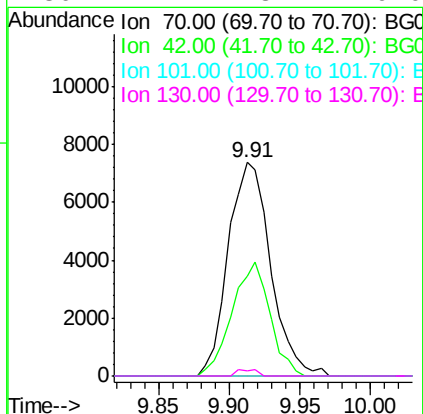
Ion Ratio Lower Upper

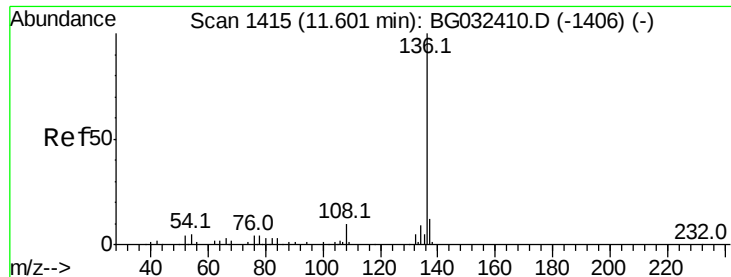
70 100

42 46.9 49.1 73.7#

101 0.0 8.5 12.7#

130 2.2 13.4 20.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.60 min Scan# 1414

Delta R.T. -0.00 min

Lab File: BG032443.D

Acq: 30 Jan 2018 15:49

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 86549

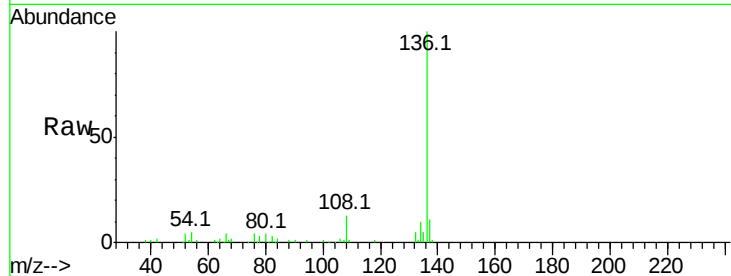
Ion Ratio Lower Upper

136 100

137 10.7 9.2 13.8

54 4.7 10.3 15.5#

68 2.3 4.5 6.7#

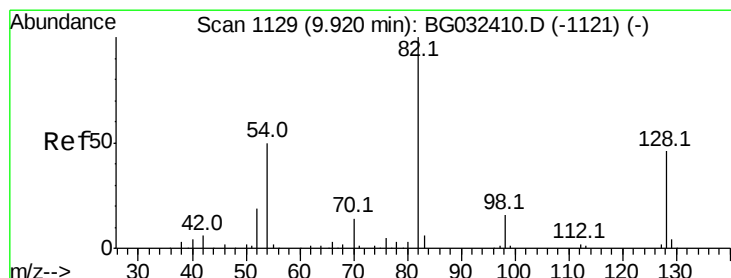
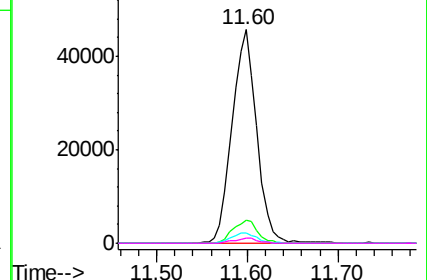
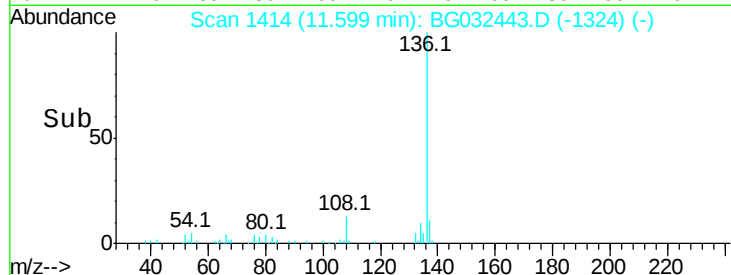


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 75.845 ng

RT: 9.91 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BG032443.D

Acq: 30 Jan 2018 15:49

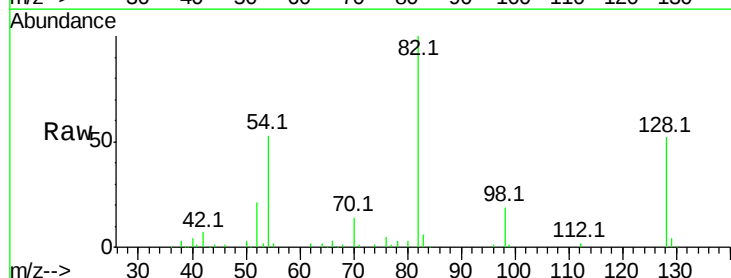
Tgt Ion: 82 Resp: 105095

Ion Ratio Lower Upper

82 100

128 51.7 29.7 44.5#

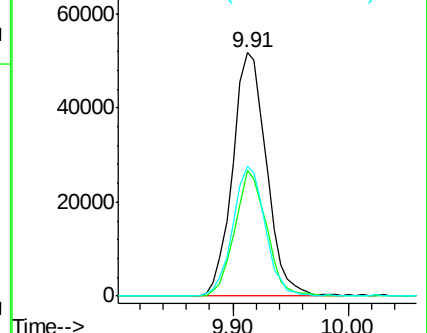
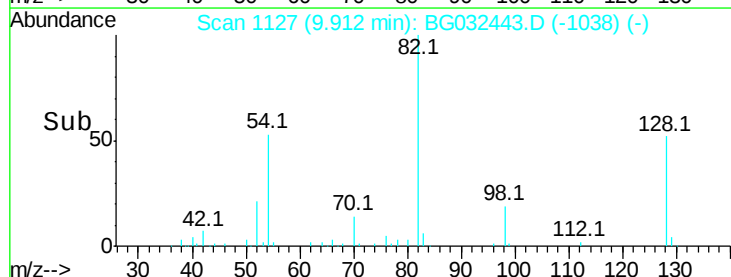
54 53.1 43.1 64.7

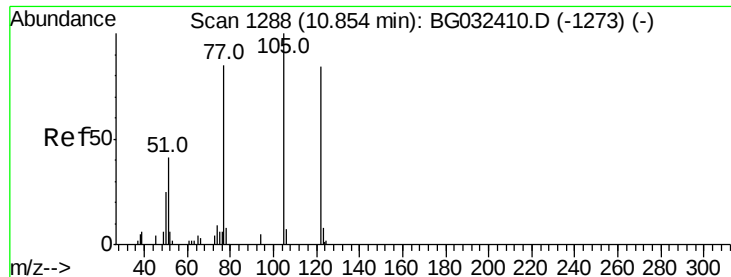


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

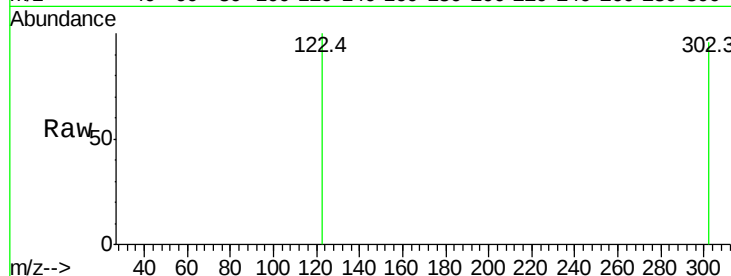




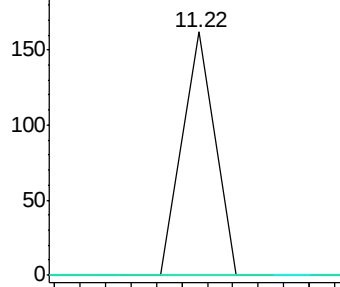
#32
Benzoic acid
Concen: 7.339 ng
RT: 11.22 min Scan# 1350
Delta R.T. 0.37 min
Lab File: BG032443.D
Acq: 30 Jan 2018 15:49

Instrument :
BNA_G
ClientSampleId :

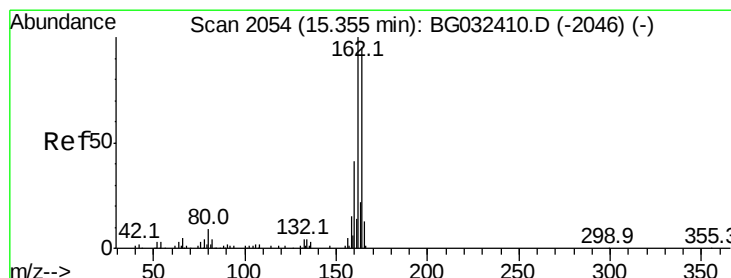
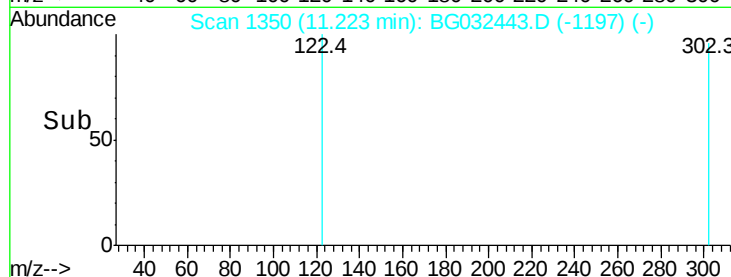
Tot Ion:122 Resp: 57
Ion Ratio Lower Upper
122 100
105 0.0 123.5 163.5#
77 0.0 85.7 125.7#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): B

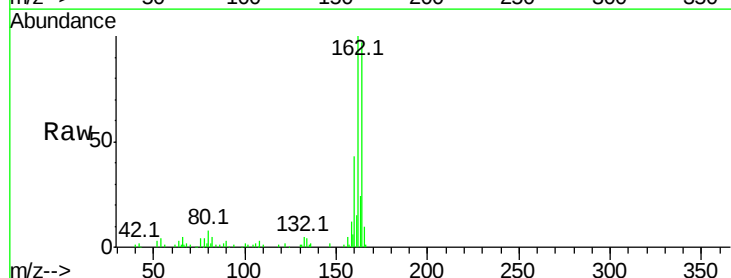


Time--> 11.20 11.22 11.24

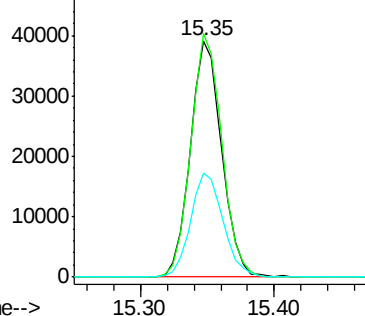


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.35 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG032443.D
Acq: 30 Jan 2018 15:49

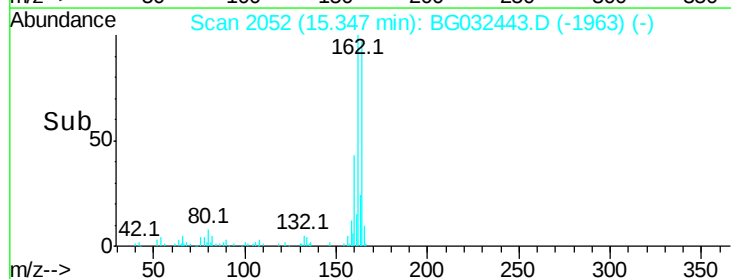
Tgt Ion:164 Resp: 63825
Ion Ratio Lower Upper
164 100
162 103.1 78.8 118.2
160 44.0 35.4 53.0

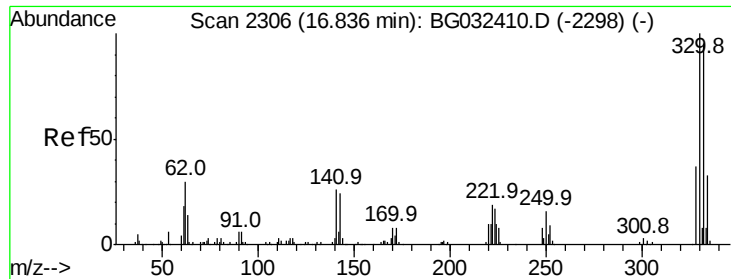


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



Time--> 15.30 15.35 15.40

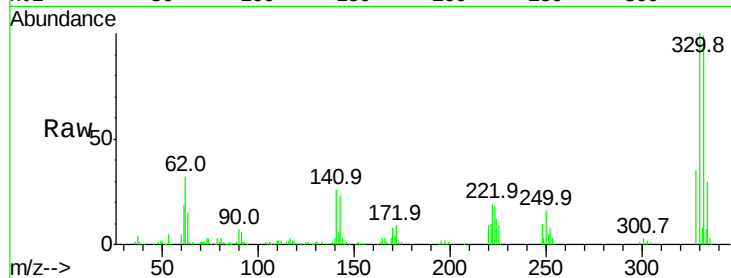




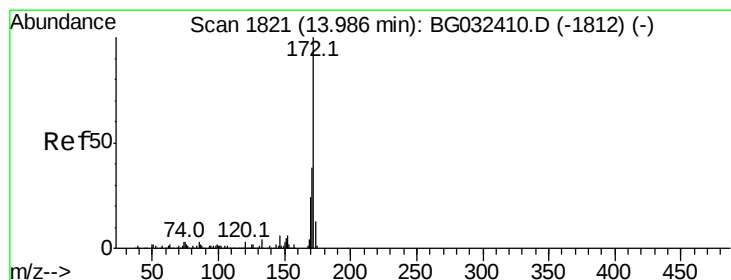
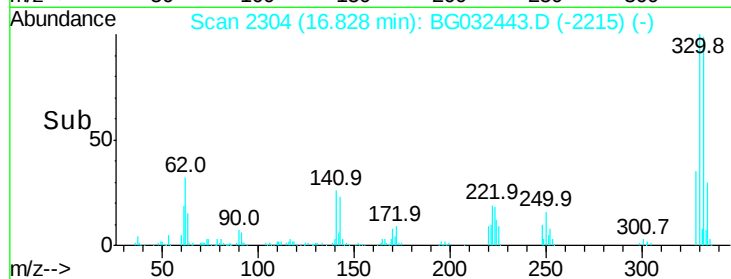
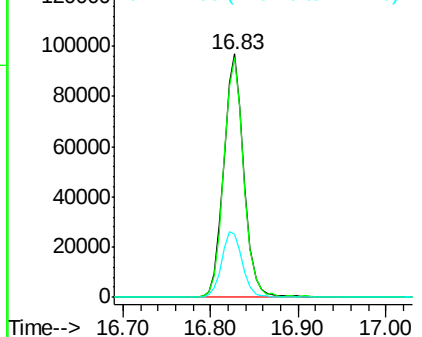
#41
 2,4,6-Tribromophenol
 Concen: 126.492 ng
 RT: 16.83 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BG032443.D
 Acq: 30 Jan 2018 15:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	27.7	25.2	37.8

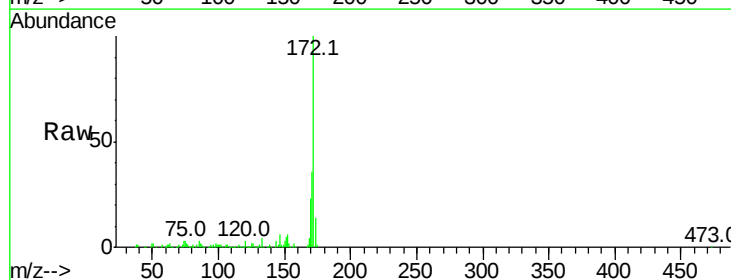


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

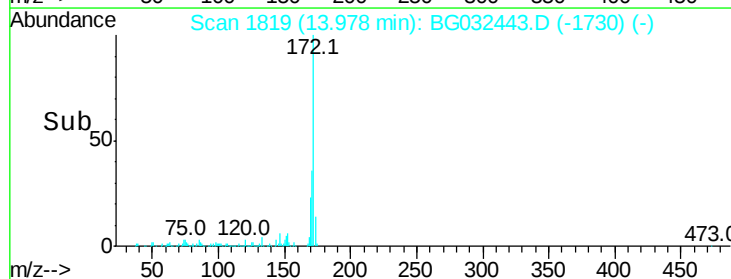
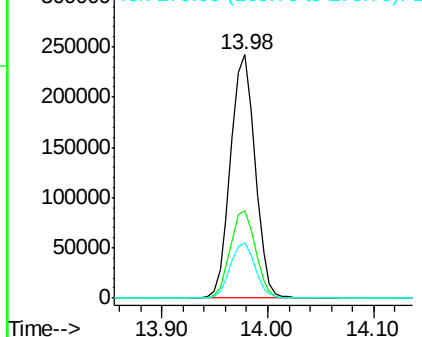


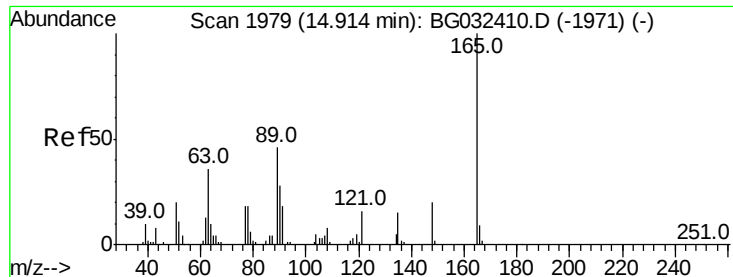
#44
 2-Fluorobiphenyl
 Concen: 72.094 ng
 RT: 13.98 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BG032443.D
 Acq: 30 Jan 2018 15:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	30.0	45.0
170	22.9	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

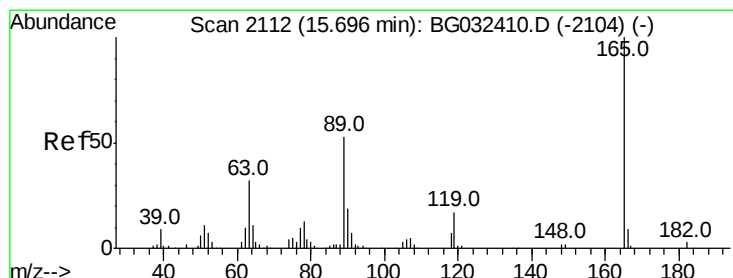
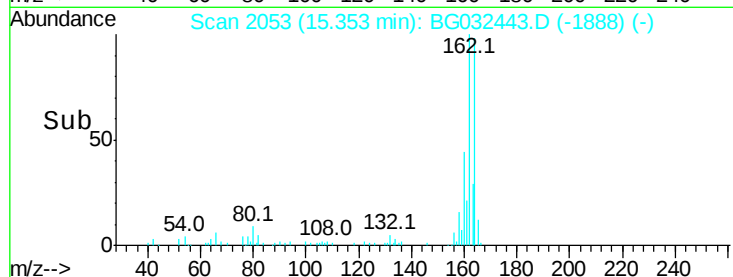
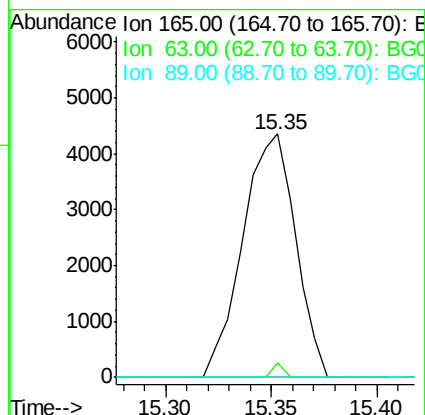
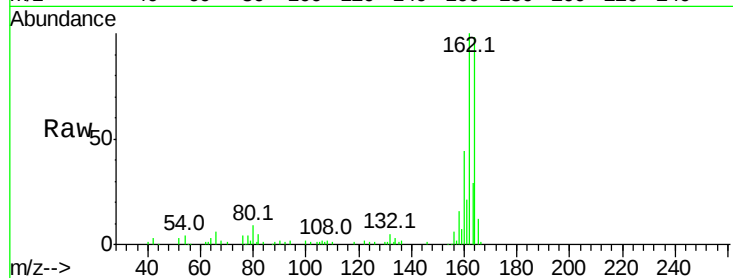




#50
2,6-Dinitrotoluene
Concen: 6.115 ng
RT: 15.35 min Scan# 2053
Delta R.T. 0.44 min
Lab File: BG032443.D
Acq: 30 Jan 2018 15:49

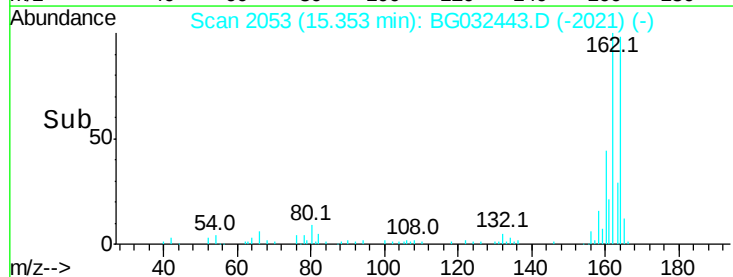
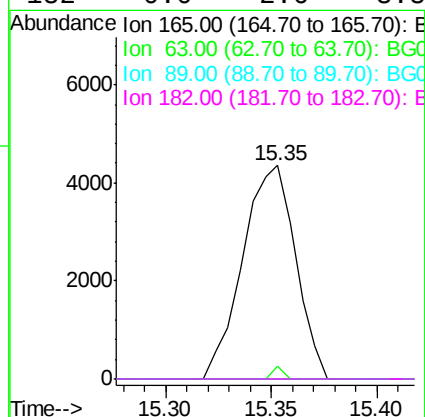
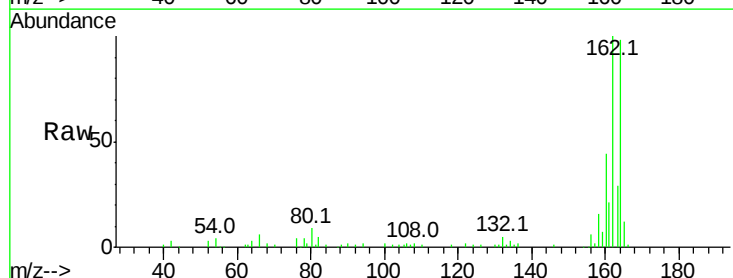
Instrument :
BNA_G
ClientSampleId :

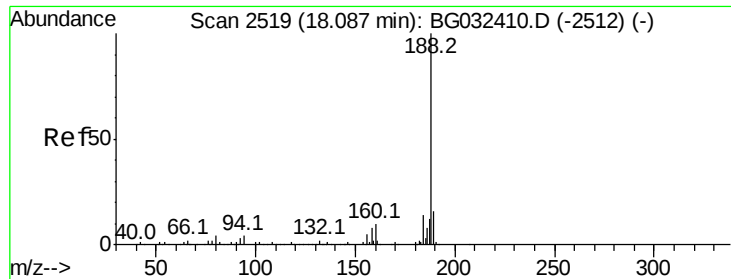
Tot Ion	Ratio	Lower	Upper
165	100		
63	5.7	52.7	79.1#
89	0.0	49.2	73.8#



#56
2,4-Dinitrotoluene
Concen: 4.295 ng
RT: 15.35 min Scan# 2053
Delta R.T. -0.34 min
Lab File: BG032443.D
Acq: 30 Jan 2018 15:49

Tgt Ion	Ratio	Lower	Upper
165	100		
63	5.7	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#

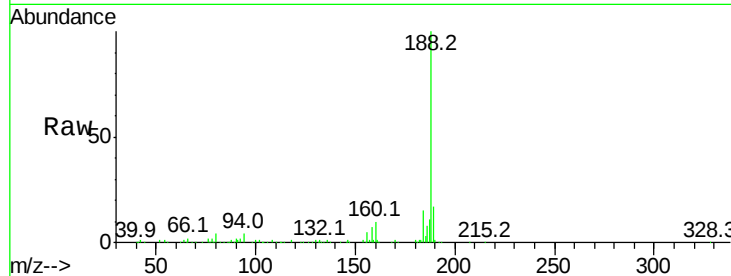




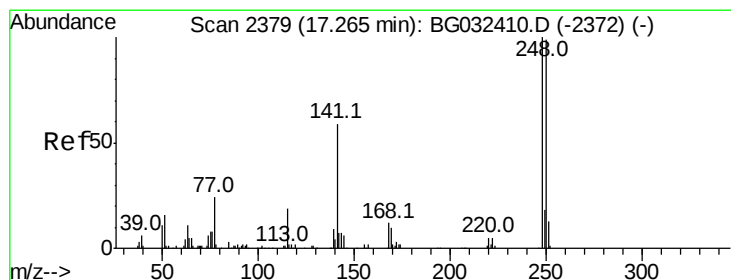
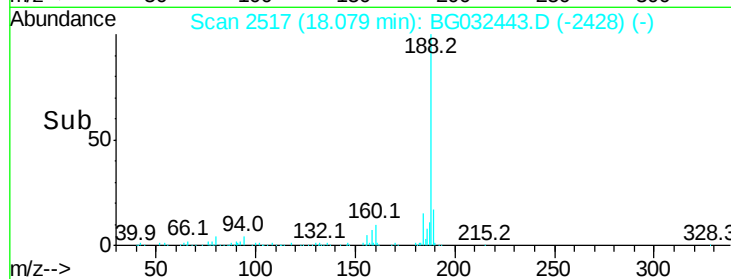
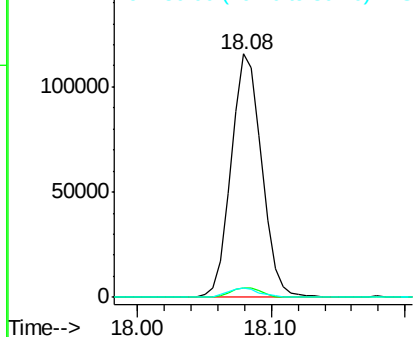
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.08 min Scan# 2517
 Delta R.T. -0.01 min
 Lab File: BG032443.D
 Acq: 30 Jan 2018 15:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:188 Resp: 184235
 Ion Ratio Lower Upper
 188 100
 94 3.7 6.9 10.3#
 80 4.0 7.7 11.5#

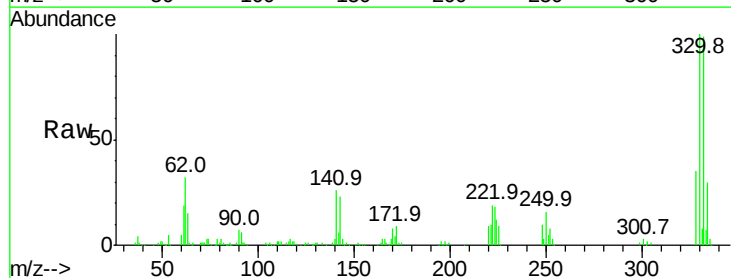


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGO
 Ion 80.00 (79.70 to 80.70): BGO

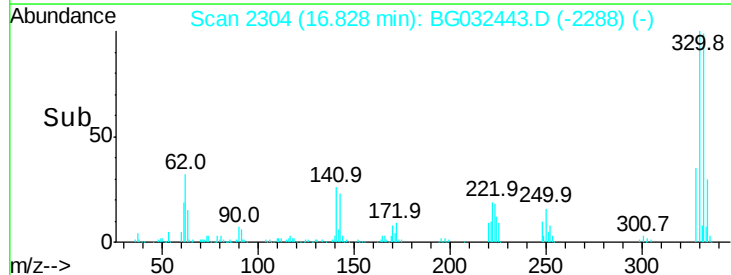
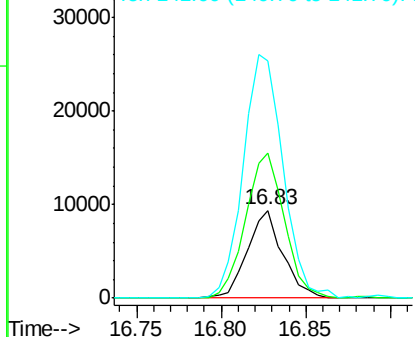


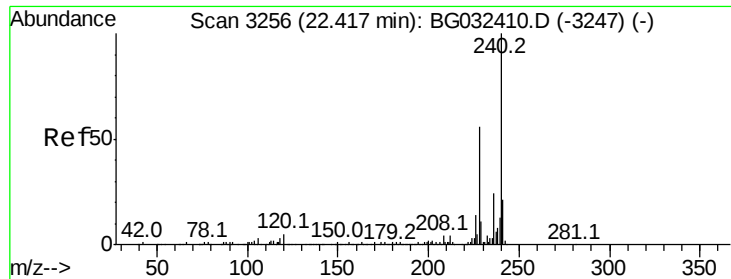
#66
 4-Bromophenyl-phenylether
 Concen: 4.977 ng
 RT: 16.83 min Scan# 2304
 Delta R.T. -0.44 min
 Lab File: BG032443.D
 Acq: 30 Jan 2018 15:49

Tgt Ion:248 Resp: 13583
 Ion Ratio Lower Upper
 248 100
 250 165.6 77.1 115.7#
 141 269.9 50.8 76.2#



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.41 min Scan# 3254

Delta R.T. -0.01 min

Lab File: BG032443.D

Acq: 30 Jan 2018 15:49

Instrument :

BNA_G

ClientSampleId :

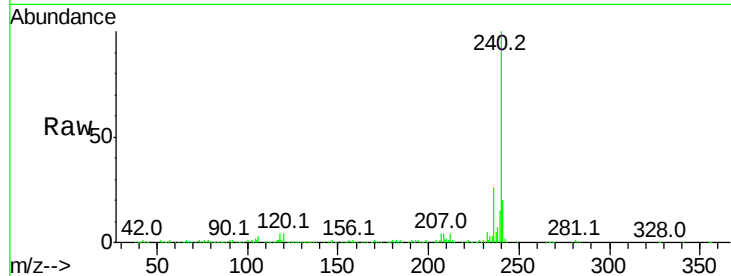
Tot Ion:240 Resp: 264807

Ion Ratio Lower Upper

240 100

120 3.8 6.8 10.2#

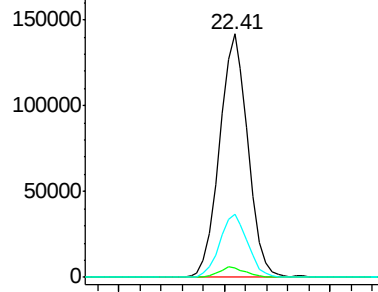
236 25.9 20.9 31.3



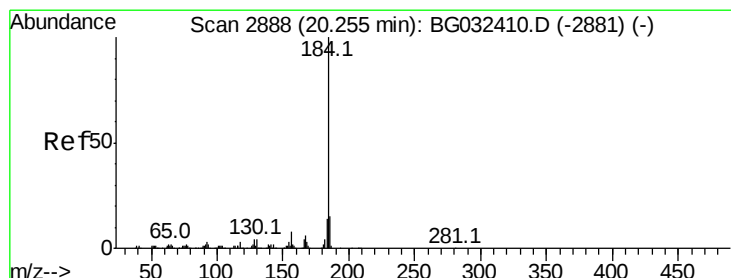
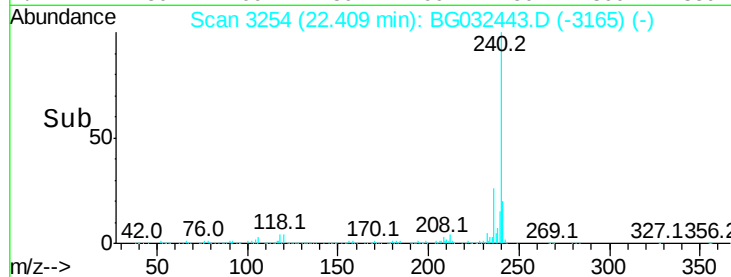
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 2.688 ng

RT: 20.62 min Scan# 2949

Delta R.T. 0.36 min

Lab File: BG032443.D

Acq: 30 Jan 2018 15:49

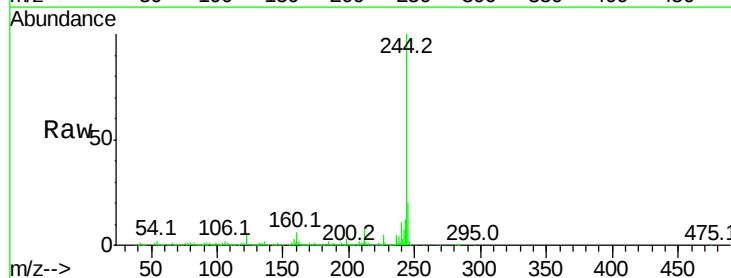
Tgt Ion:184 Resp: 13977

Ion Ratio Lower Upper

184 100

185 14.3 11.1 16.7

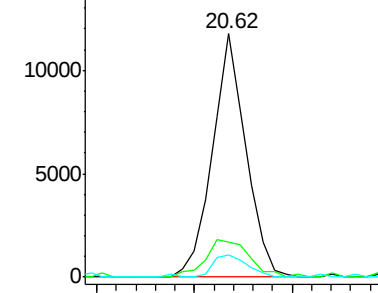
183 9.0 10.6 16.0#



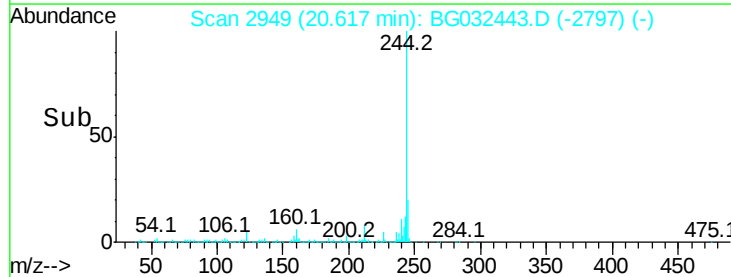
Abundance Ion 184.00 (183.70 to 184.70): E

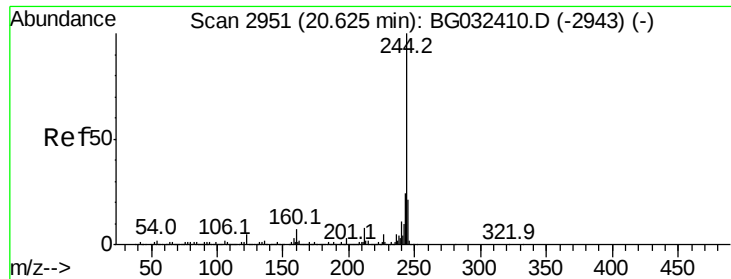
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->





#78

Terphenyl-d14

Concen: 78.301 ng

RT: 20.62 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BG032443.D

Acq: 30 Jan 2018 15:49

Instrument :

BNA_G

ClientSampleId :

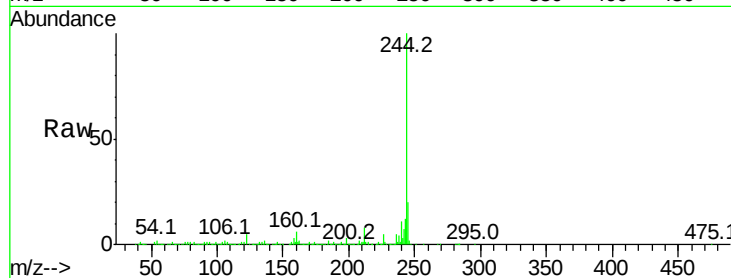
Tot Ion:244 Resp: 967973

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

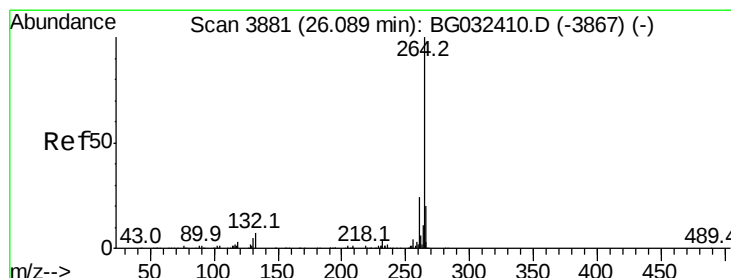
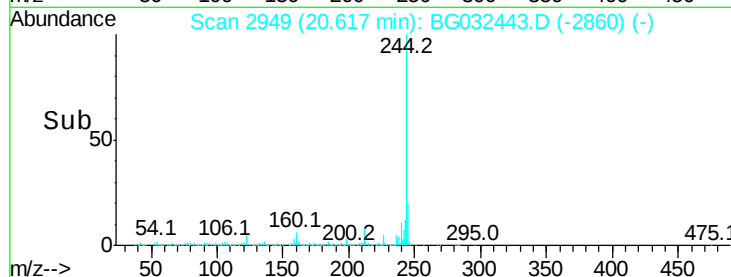
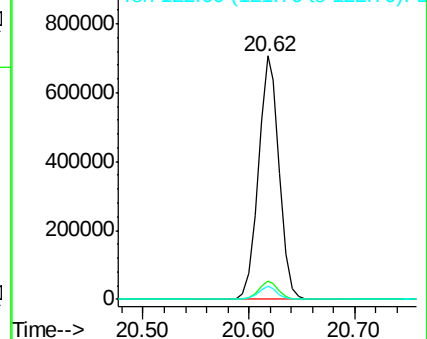
122 5.3 7.0 10.4#



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: 26.09 min Scan# 3880

Delta R.T. -0.00 min

Lab File: BG032443.D

Acq: 30 Jan 2018 15:49

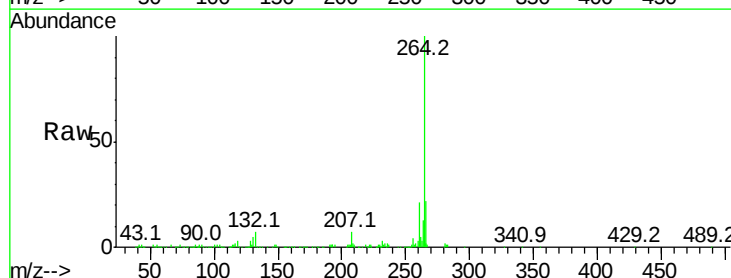
Tgt Ion:264 Resp: 278603

Ion Ratio Lower Upper

264 100

260 21.0 17.4 26.0

265 21.9 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

