

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020718\
 Data File : BG032596.D
 Acq On : 7 Feb 2018 16:34
 Operator : SJ/JU
 Sample : J1400-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 08 02:24:51 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 18:57:08 2018
 Response via : Initial Calibration

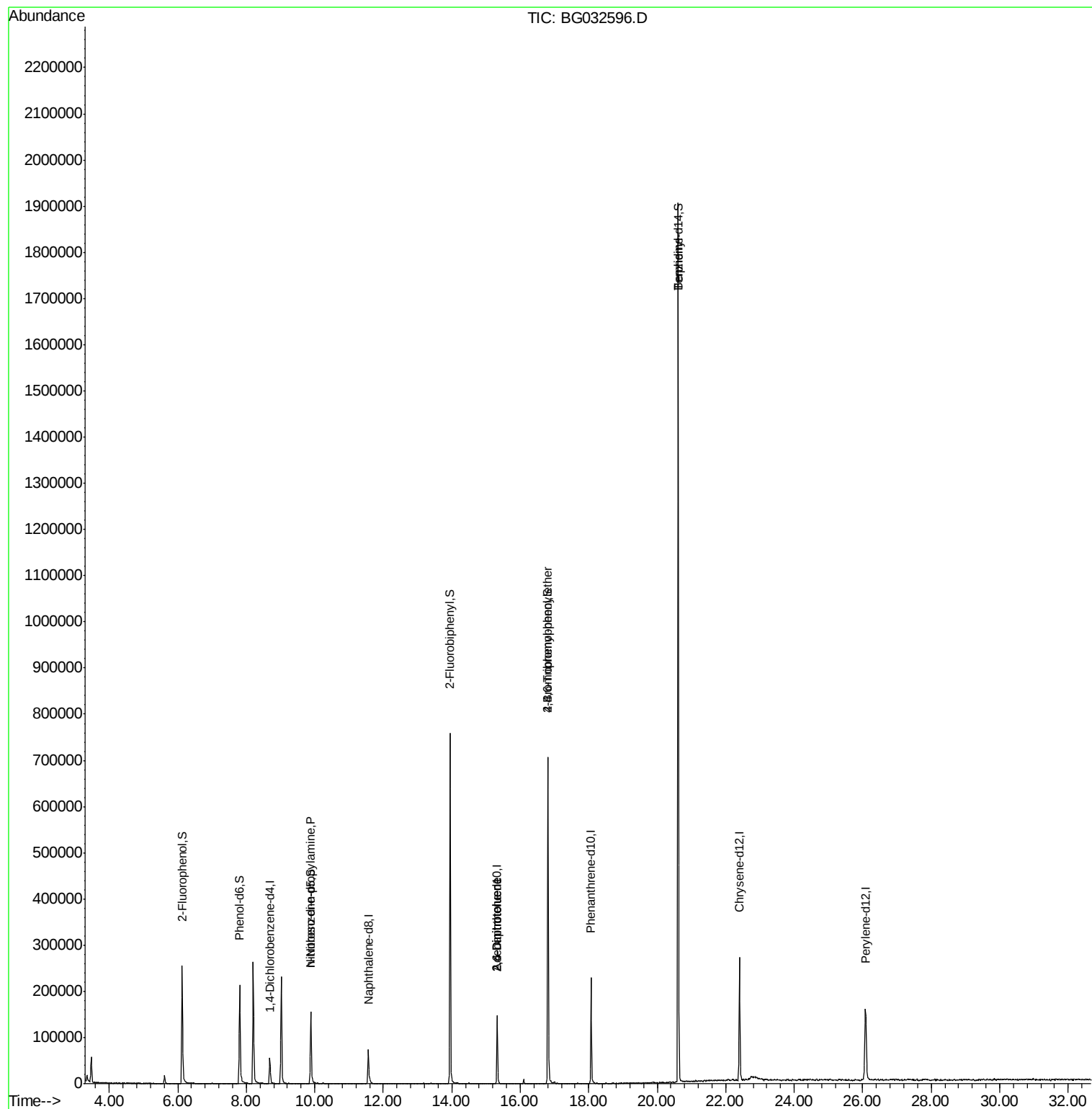
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.69	152	22022	20.00	ng	-0.02
21) Naphthalene-d8	11.57	136	83657	20.00	ng	-0.02
38) Acenaphthene-d10	15.33	164	60098	20.00	ng	-0.02
63) Phenanthrene-d10	18.06	188	165757	20.00	ng	-0.01
75) Chrysene-d12	22.40	240	209315	20.00	ng	0.00
86) Perylene-d12	26.08	264	224504	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.13	112	140095	127.78	ng	-0.01
7) Phenol-d6	7.81	99	150303	102.73	ng	-0.02
23) Nitrobenzene-d5	9.89	82	107761	80.46	ng	-0.02
41) 2,4,6-Tribromophenol	16.81	330	188383	164.68	ng	-0.01
44) 2-Fluorobiphenyl	13.95	172	464858	91.94	ng	-0.02
78) Terphenyl-d14	20.61	244	1059246	108.40	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.89	70	16225	16.73	ng	# 75
50) 2,6-Dinitrotoluene	15.32	165	7783	6.69	ng	# 18
56) 2,4-Dinitrotoluene	15.32	165	7783	4.70	ng	# 16
66) 4-Bromophenyl-phenylether	16.81	248	14331	5.84	ng	# 1
76) Benzidine	20.61	184	15203	3.70	ng	# 93

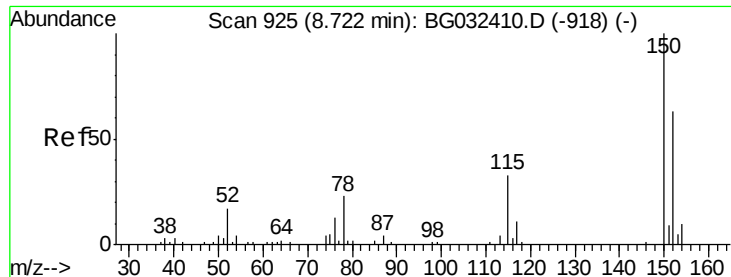
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020718\
Data File : BG032596.D
Acq On : 7 Feb 2018 16:34
Operator : SJ/JU
Sample : J1400-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 08 02:24:51 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 18:57:08 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.69 min Scan# 919

Delta R.T. -0.02 min

Lab File: BG032596.D

Acq: 7 Feb 2018 16:34

Instrument :

BNA_G

ClientSampleId :

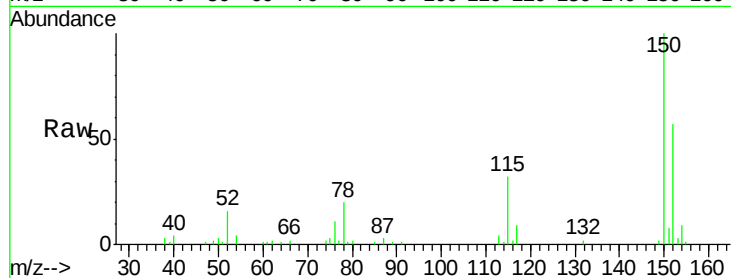
Tot Ion:152 Resp: 22022

Ion Ratio Lower Upper

152 100

150 175.3 126.6 189.8

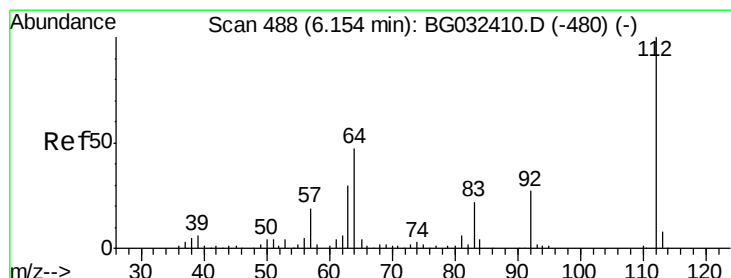
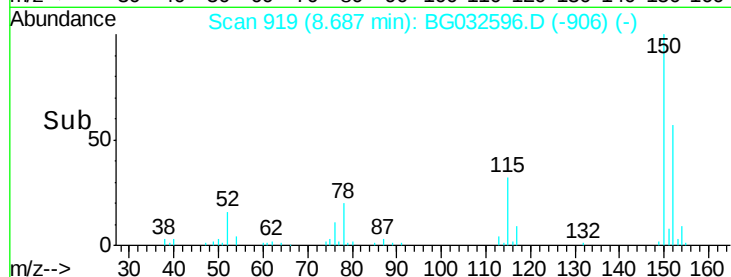
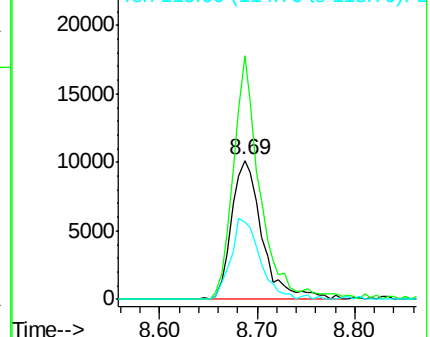
115 55.6 53.0 79.4



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: 127.78 ng

RT: 6.13 min Scan# 484

Delta R.T. -0.01 min

Lab File: BG032596.D

Acq: 7 Feb 2018 16:34

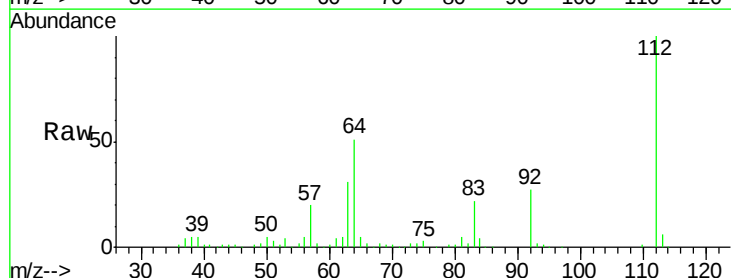
Tgt Ion:112 Resp: 140095

Ion Ratio Lower Upper

112 100

64 51.1 56.3 84.5#

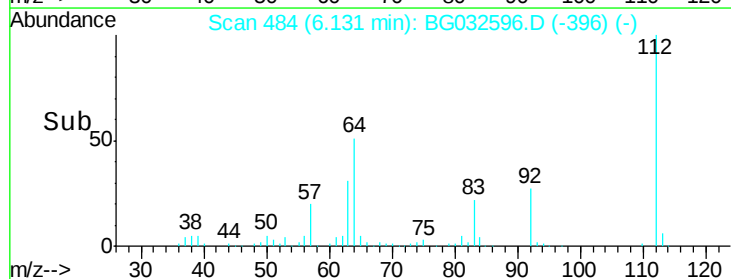
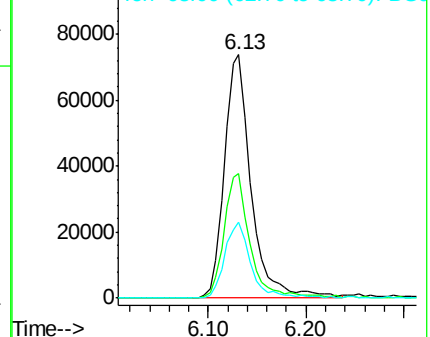
63 31.0 30.1 45.1

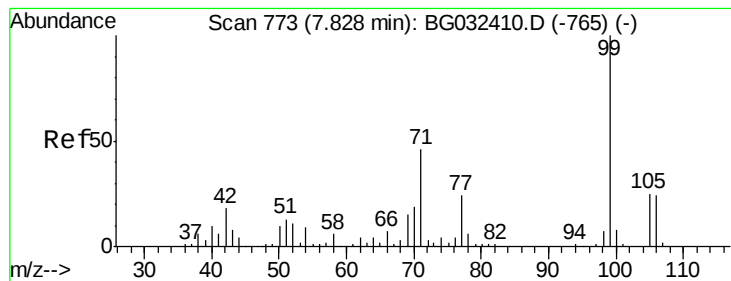


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 102.73 ng

RT: 7.81 min Scan# 769

Delta R.T. -0.02 min

Lab File: BG032596.D

Acq: 7 Feb 2018 16:34

Instrument :

BNA_G

ClientSampleId :

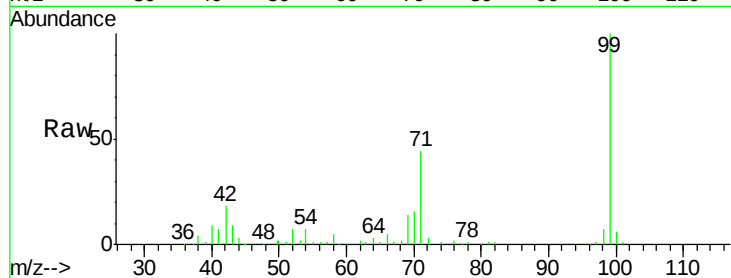
Tot Ion: 99 Resp: 150303

Ion Ratio Lower Upper

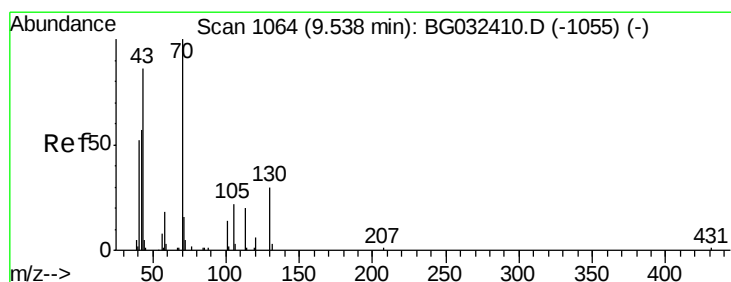
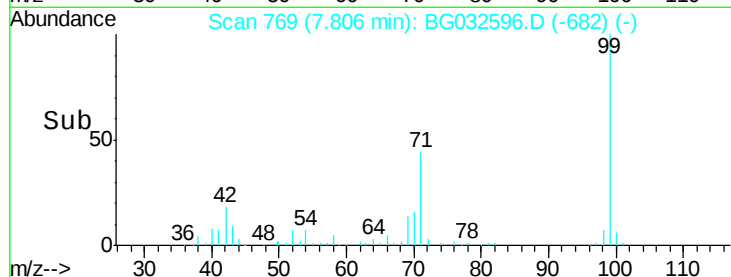
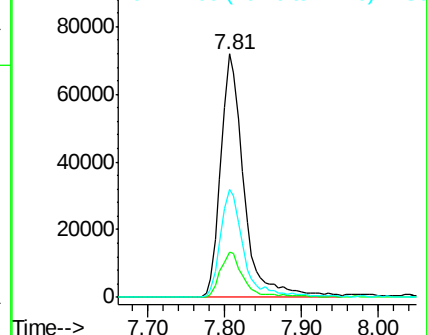
99 100

42 18.3 14.1 21.1

71 44.1 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: 16.73 ng

RT: 9.89 min Scan# 1123

Delta R.T. 0.37 min

Lab File: BG032596.D

Acq: 7 Feb 2018 16:34

Tgt Ion: 70 Resp: 16225

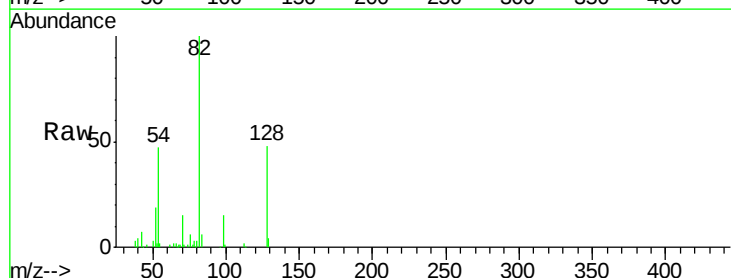
Ion Ratio Lower Upper

70 100

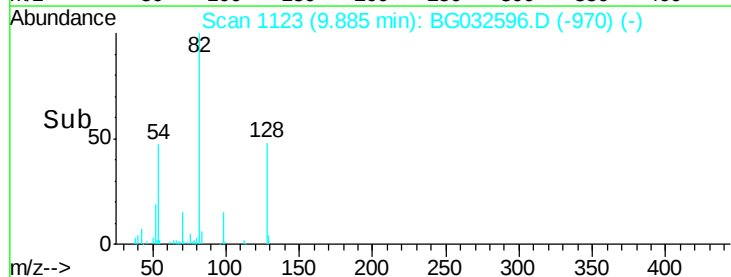
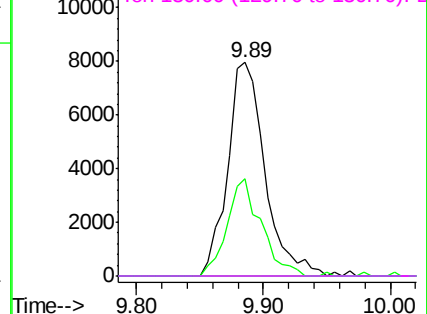
42 45.5 49.1 73.7#

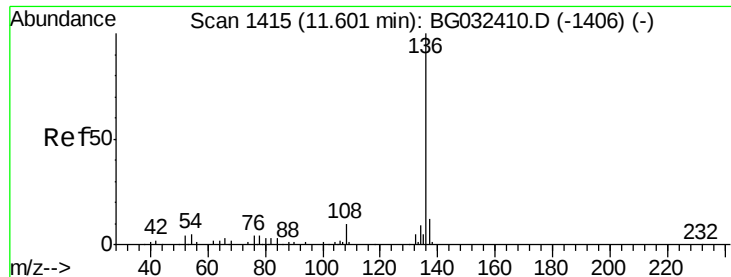
101 0.0 8.5 12.7#

130 0.0 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

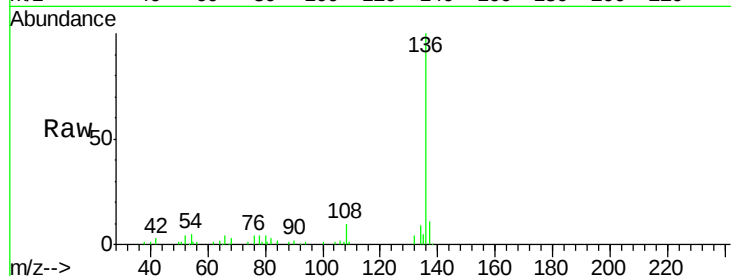




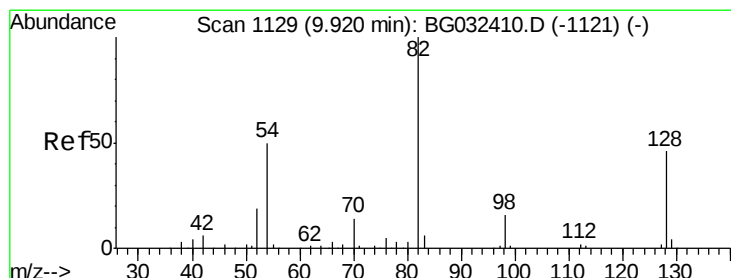
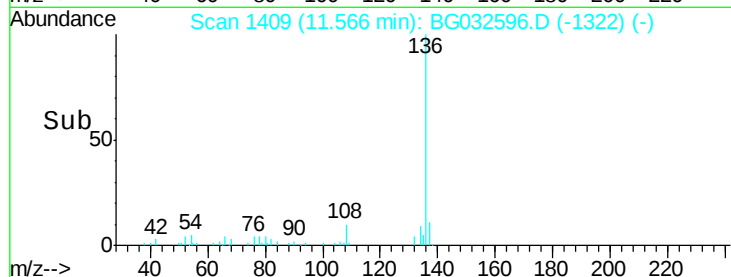
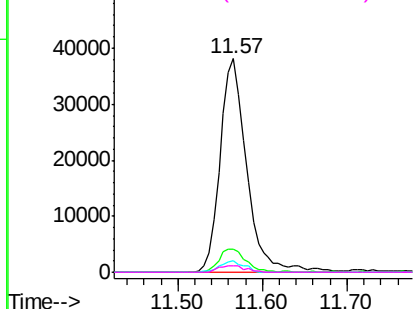
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.57 min Scan# 1409
Delta R.T. -0.02 min
Lab File: BG032596.D
Acq: 7 Feb 2018 16:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	83657
Ion Ratio	Lower	Upper
136	100	
137	10.7	9.2 13.8
54	5.2	10.3 15.5#
68	2.9	4.5 6.7#

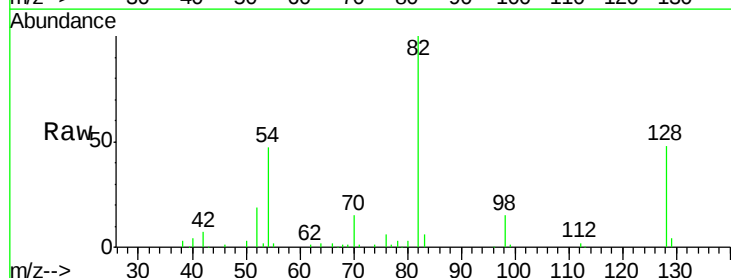


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

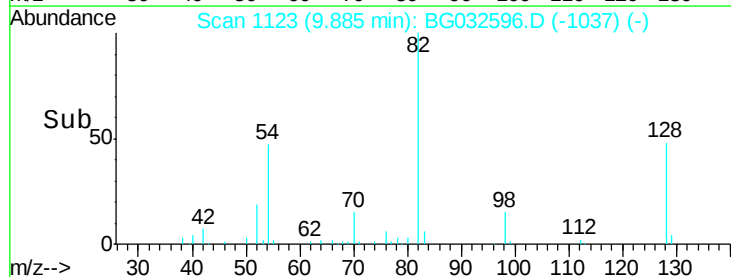
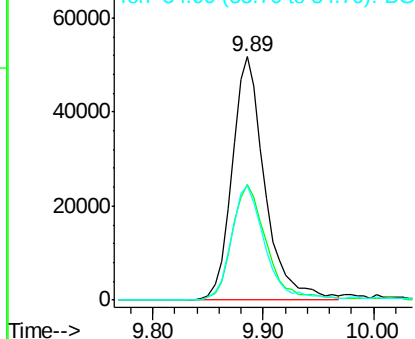


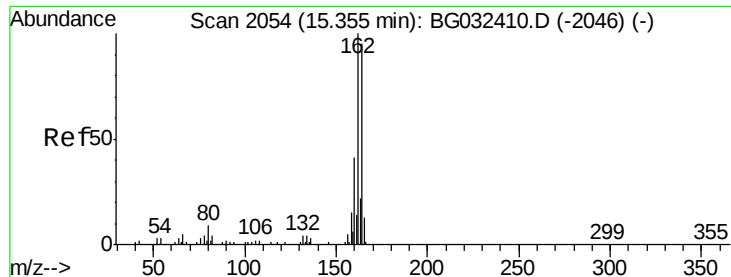
#23
Nitrobenzene-d5
Concen: 80.46 ng
RT: 9.89 min Scan# 1123
Delta R.T. -0.02 min
Lab File: BG032596.D
Acq: 7 Feb 2018 16:34

Tgt Ion: 82	Resp:	107761
Ion Ratio	Lower	Upper
82	100	
128	47.6	29.7 44.5#
54	47.2	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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.33 min Scan# 2049

Delta R.T. -0.02 min

Lab File: BG032596.D

Acq: 7 Feb 2018 16:34

Instrument :

BNA_G

ClientSampleId :

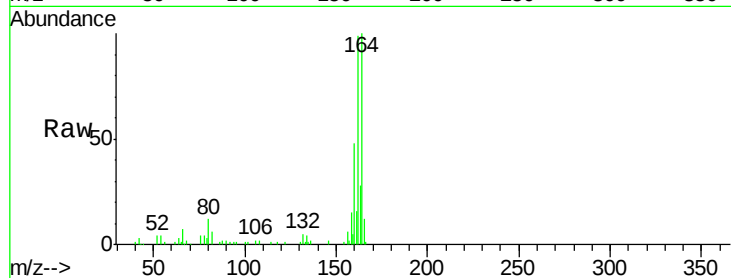
Tot Ion:164 Resp: 60098

Ion Ratio Lower Upper

164 100

162 98.7 78.8 118.2

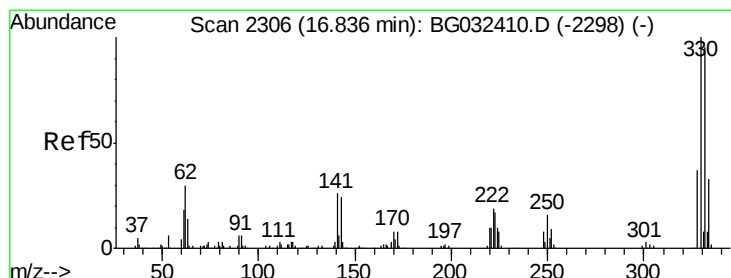
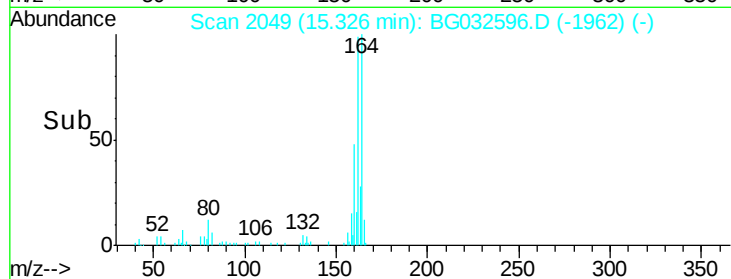
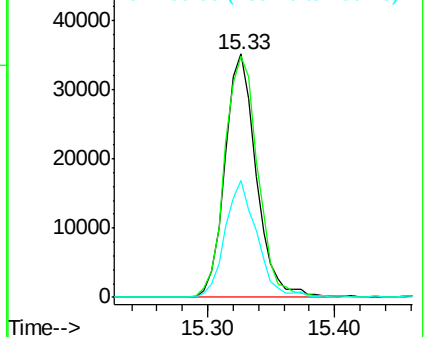
160 47.9 35.4 53.0



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



#41

2,4,6-Tribromophenol

Concen: 164.68 ng

RT: 16.81 min Scan# 2301

Delta R.T. -0.01 min

Lab File: BG032596.D

Acq: 7 Feb 2018 16:34

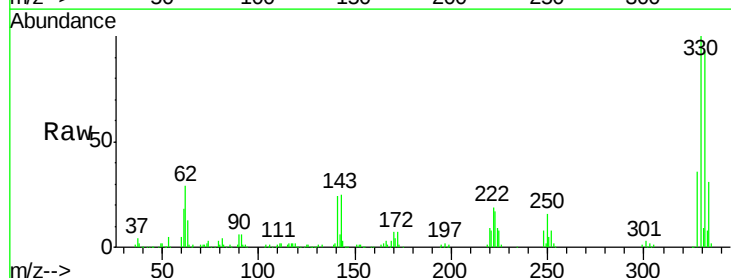
Tgt Ion:330 Resp: 188383

Ion Ratio Lower Upper

330 100

332 97.3 77.0 115.6

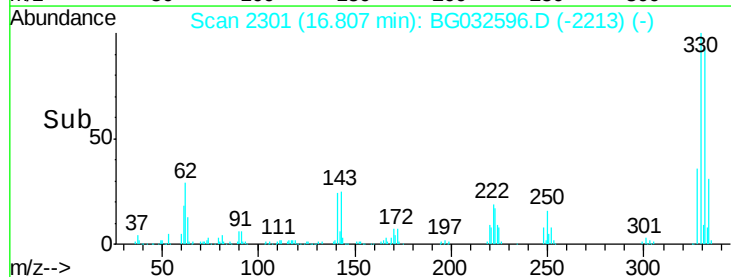
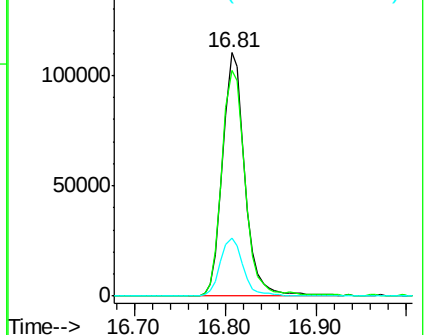
141 24.5 25.2 37.8#

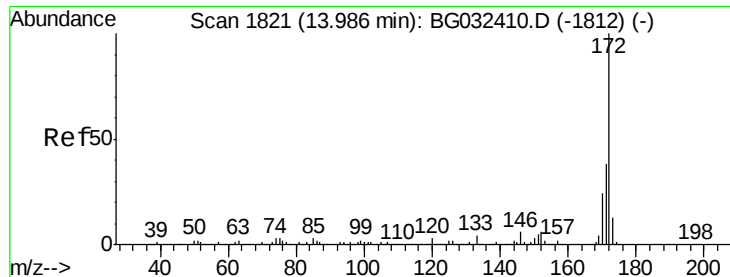


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

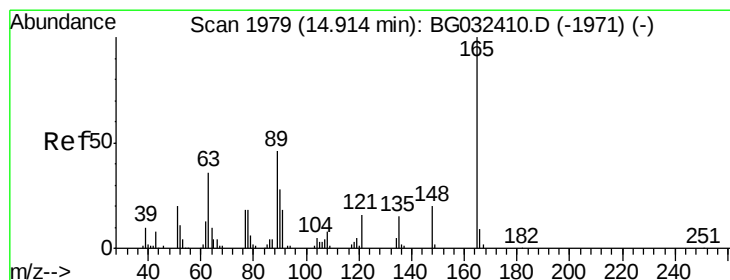
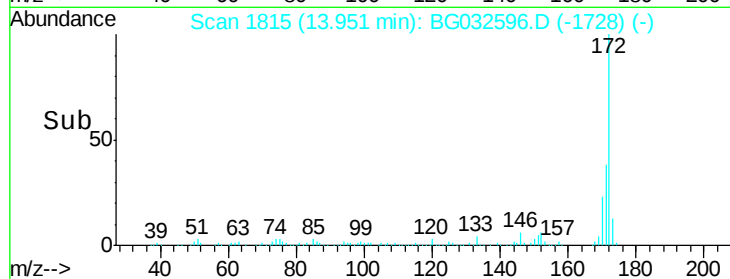
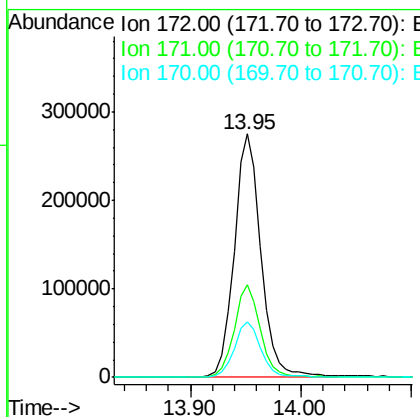
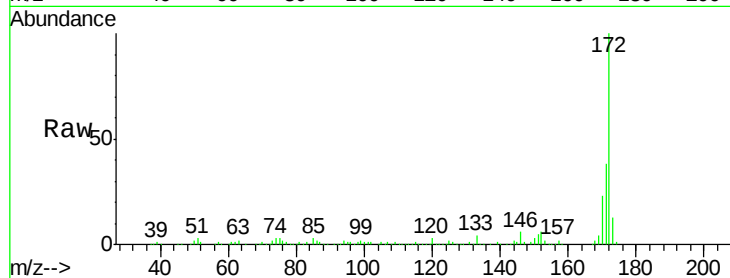




#44
 2-Fluorobiphenyl
 Concen: 91.94 ng
 RT: 13.95 min Scan# 1815
 Delta R.T. -0.02 min
 Lab File: BG032596.D
 Acq: 7 Feb 2018 16:34

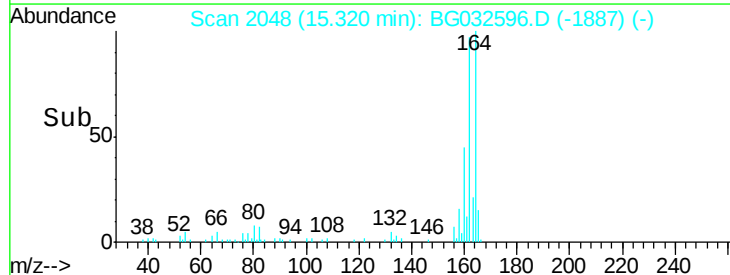
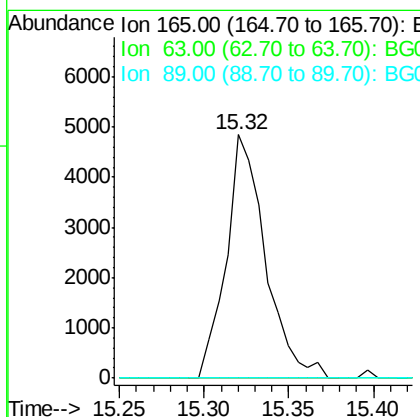
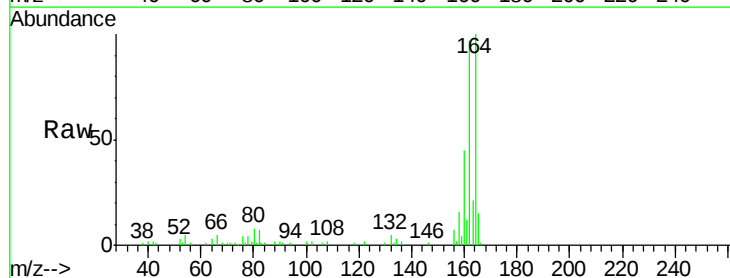
Instrument :
 BNA_G
 ClientSampleId :

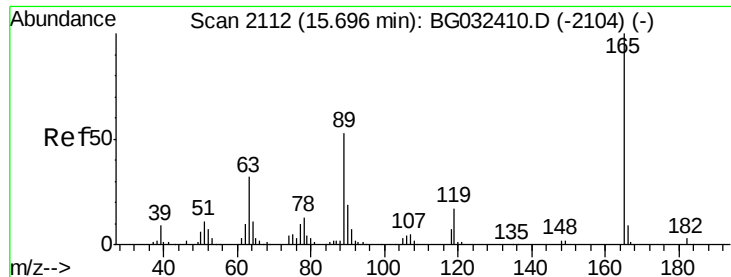
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	23.0	19.5	29.3



#50
 2,6-Dinitrotoluene
 Concen: 6.69 ng
 RT: 15.32 min Scan# 2048
 Delta R.T. 0.42 min
 Lab File: BG032596.D
 Acq: 7 Feb 2018 16:34

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

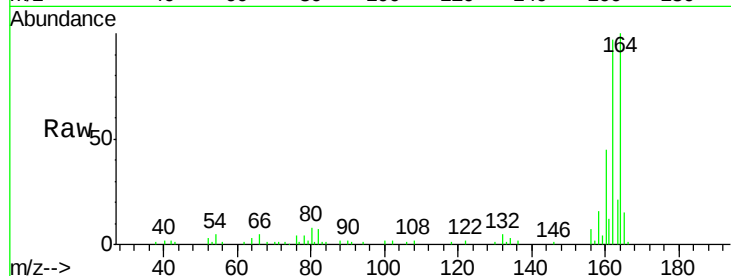




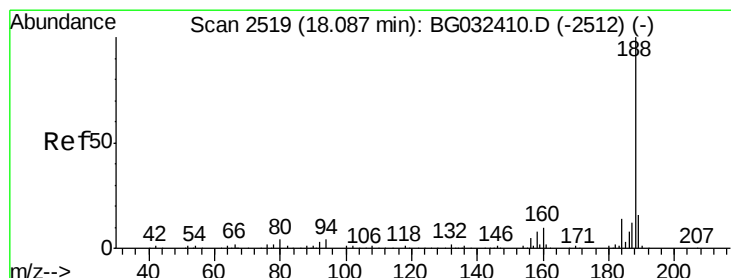
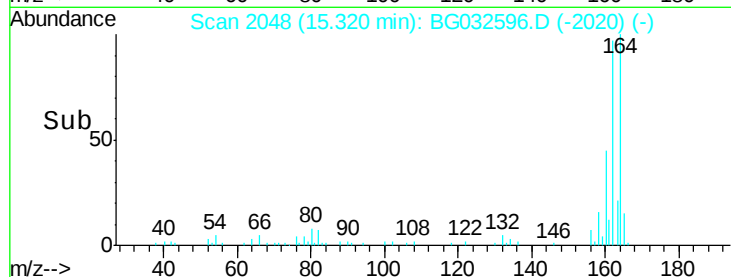
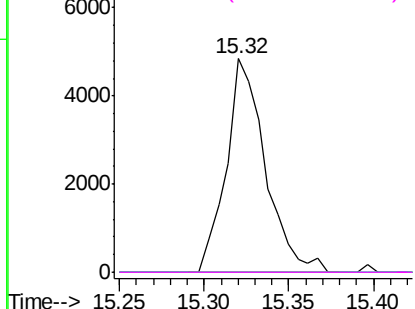
#56
 2,4-Dinitrotoluene
 Concen: 4.70 ng
 RT: 15.32 min Scan# 2048
 Delta R.T. -0.36 min
 Lab File: BG032596.D
 Acq: 7 Feb 2018 16:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 7783
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 0.0 66.9 100.3#
 182 0.0 2.6 3.8#

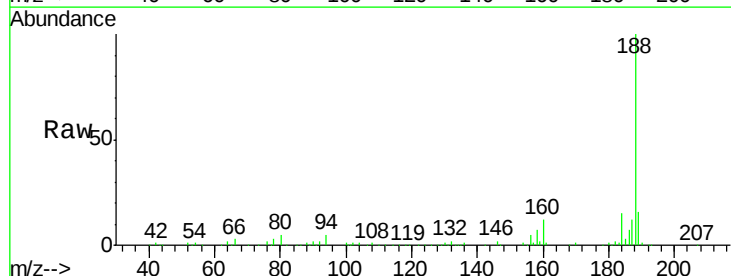


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

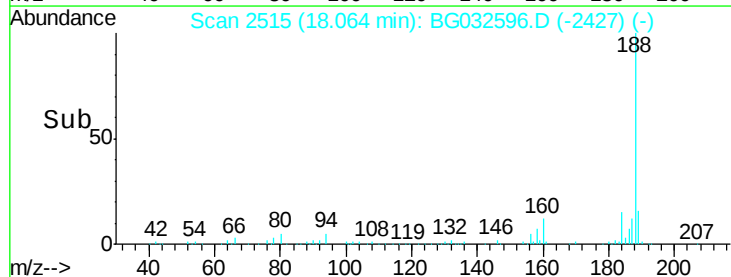
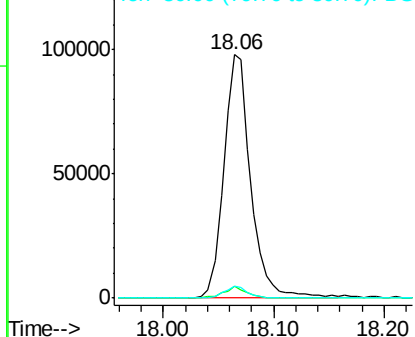


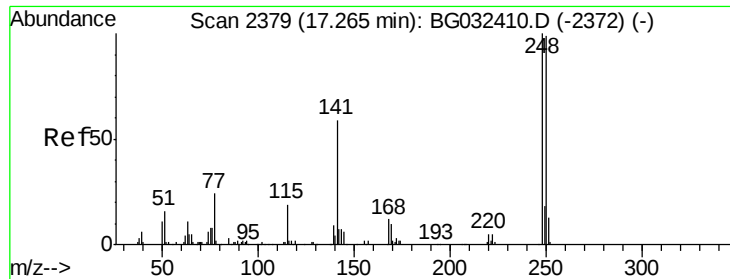
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 18.06 min Scan# 2515
 Delta R.T. -0.01 min
 Lab File: BG032596.D
 Acq: 7 Feb 2018 16:34

Tgt Ion:188 Resp: 165757
 Ion Ratio Lower Upper
 188 100
 94 5.2 6.9 10.3#
 80 4.9 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

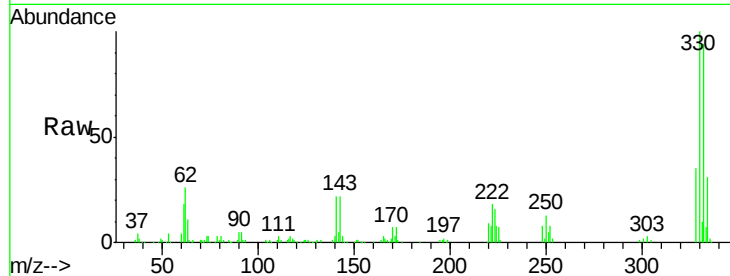




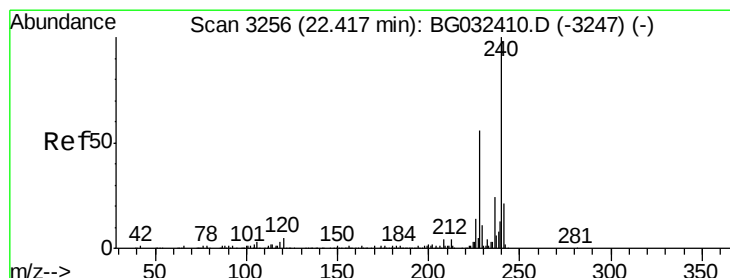
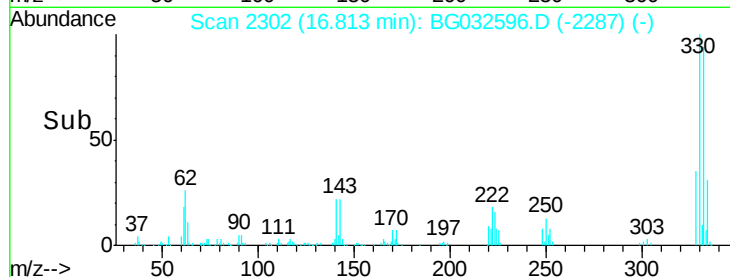
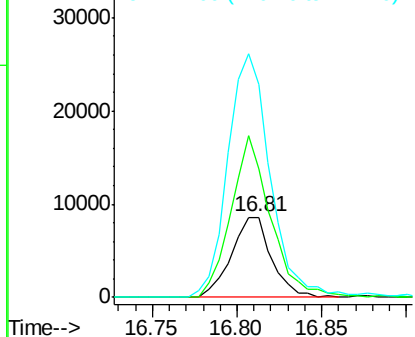
#66
4-Bromophenyl-phenylether
Concen: 5.84 ng
RT: 16.81 min Scan# 2302
Delta R.T. -0.44 min
Lab File: BG032596.D
Acq: 7 Feb 2018 16:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 14331
Ion Ratio Lower Upper
248 100
250 159.4 77.1 115.7#
141 264.7 50.8 76.2#

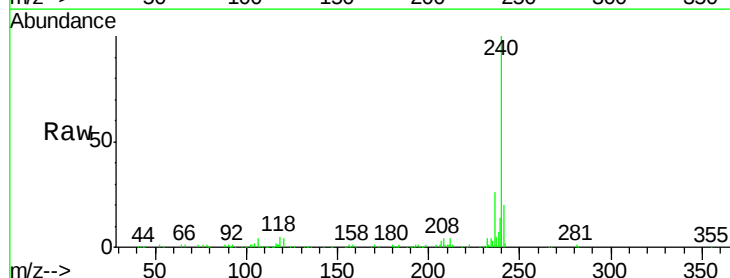


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

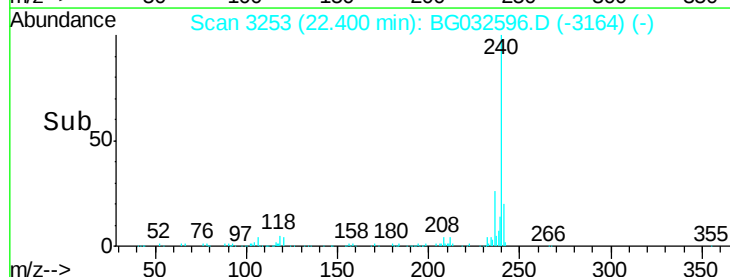
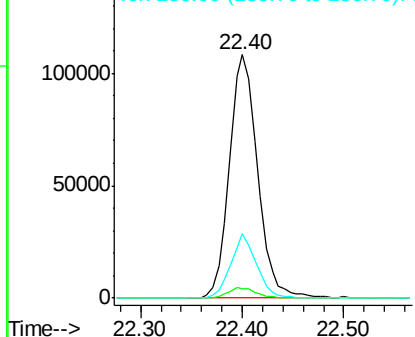


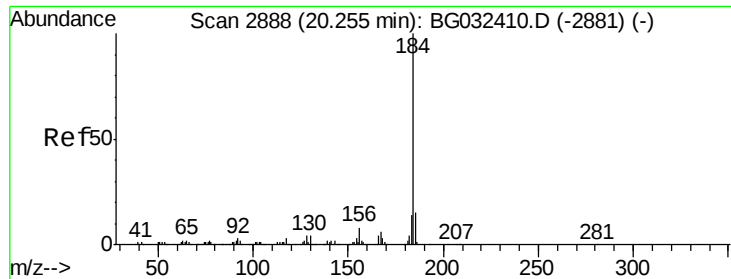
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.40 min Scan# 3253
Delta R.T. -0.01 min
Lab File: BG032596.D
Acq: 7 Feb 2018 16:34

Tgt Ion:240 Resp: 209315
Ion Ratio Lower Upper
240 100
120 3.9 6.8 10.2#
236 26.4 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





#76

Benzidine

Concen: 3.70 ng

RT: 20.61 min Scan# 2948

Delta R.T. 0.36 min

Lab File: BG032596.D

Acq: 7 Feb 2018 16:34

Instrument :

BNA_G

ClientSampleId :

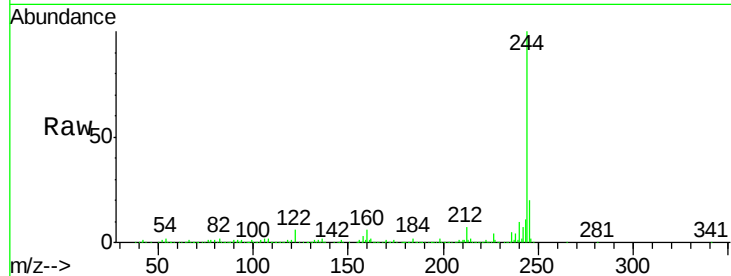
Tot Ion:184 Resp: 15203

Ion Ratio Lower Upper

184 100

185 15.0 11.1 16.7

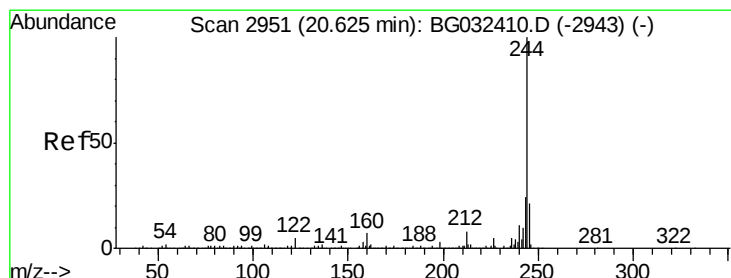
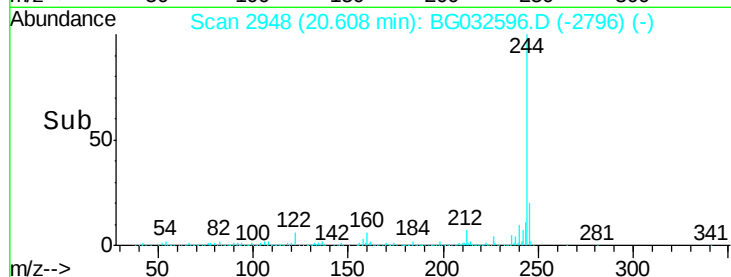
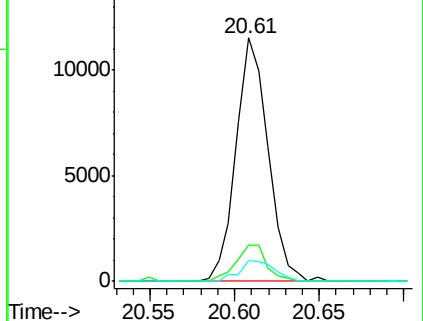
183 8.4 10.6 16.0#



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: 108.40 ng

RT: 20.61 min Scan# 2948

Delta R.T. -0.01 min

Lab File: BG032596.D

Acq: 7 Feb 2018 16:34

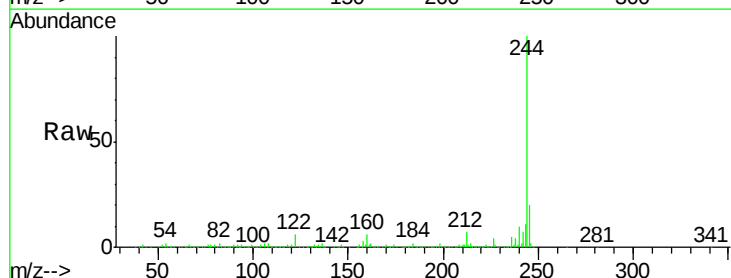
Tgt Ion:244 Resp: 1059246

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

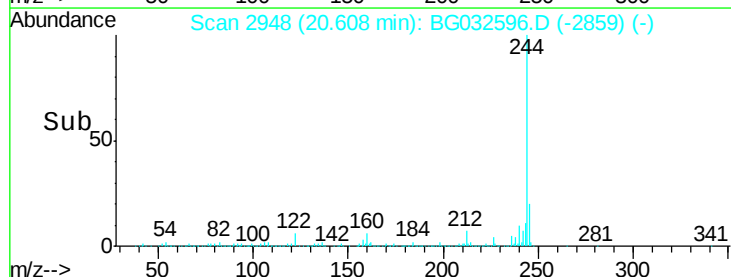
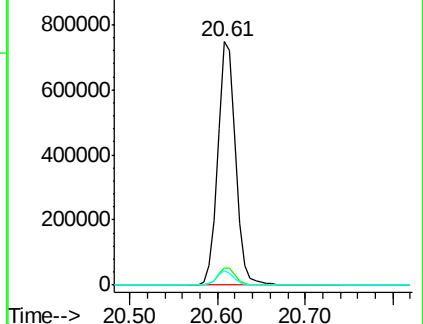
122 5.8 7.0 10.4#

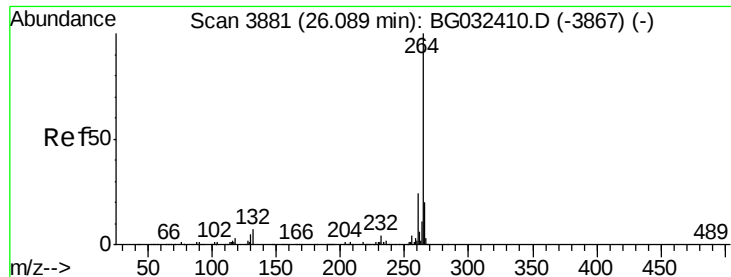


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 26.08 min Scan# 3879
 Delta R.T. 0.01 min
 Lab File: BG032596.D
 Acq: 7 Feb 2018 16:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	21.4	17.7	26.5

