

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020918\
 Data File : BG032632.D
 Acq On : 9 Feb 2018 15:49
 Operator : SJ/JU
 Sample : J1512-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 09 23:19:06 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

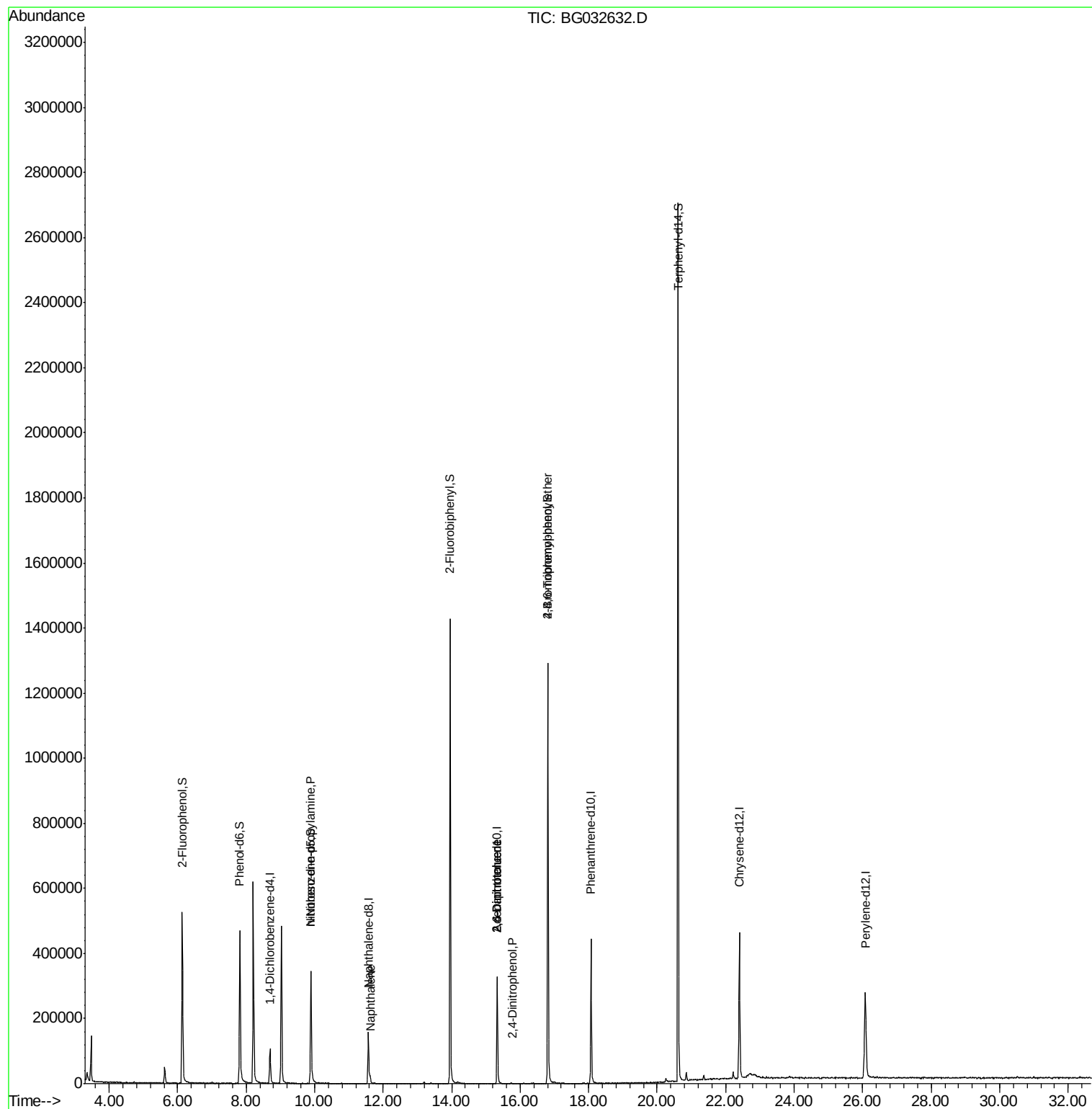
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.70	152	38807	20.00	ng	-0.01
21) Naphthalene-d8	11.57	136	161779	20.00	ng	-0.01
38) Acenaphthene-d10	15.33	164	129821	20.00	ng	-0.01
63) Phenanthrene-d10	18.07	188	341449	20.00	ng	0.00
75) Chrysene-d12	22.40	240	384038	20.00	ng	0.00
86) Perylene-d12	26.08	264	385048	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.13	112	262452	135.84	ng	0.00
7) Phenol-d6	7.81	99	312771	121.31	ng	0.00
23) Nitrobenzene-d5	9.89	82	241410	93.20	ng	-0.02
41) 2,4,6-Tribromophenol	16.81	330	279717	113.19	ng	0.00
44) 2-Fluorobiphenyl	13.95	172	862975	79.01	ng	-0.01
78) Terphenyl-d14	20.61	244	1470625	82.03	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.89	70	35029	20.49	ng	# 81
31) Naphthalene	11.62	128	19322	2.45	ng	# 97
50) 2,6-Dinitrotoluene	15.33	165	17413	6.93	ng	# 19
53) 2,4-Dinitrophenol	15.77	184	67	4.14	ng	# 1
56) 2,4-Dinitrotoluene	15.33	165	17412	4.87	ng	# 17
66) 4-Bromophenyl-phenylether	16.81	248	26184	5.18	ng	# 1

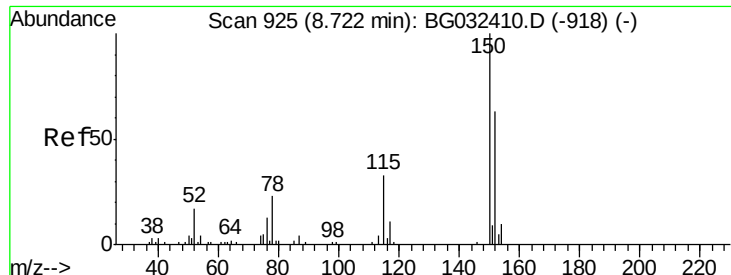
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020918\
Data File : BG032632.D
Acq On : 9 Feb 2018 15:49
Operator : SJ/JU
Sample : J1512-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 09 23:19:06 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: 8.70 min Scan# 920

Delta R.T. -0.01 min

Lab File: BG032632.D

Acq: 9 Feb 2018 15:49

Instrument :

BNA_G

ClientSampleId :

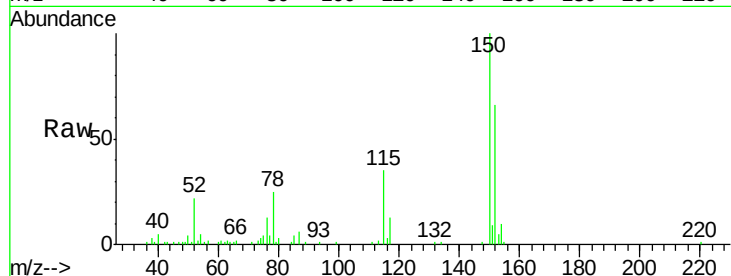
Tot Ion:152 Resp: 38807

Ion Ratio Lower Upper

152 100

150 151.6 126.6 189.8

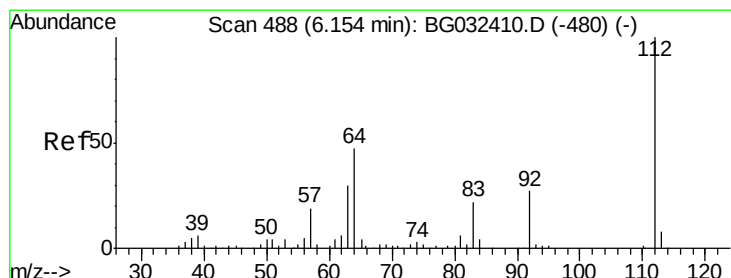
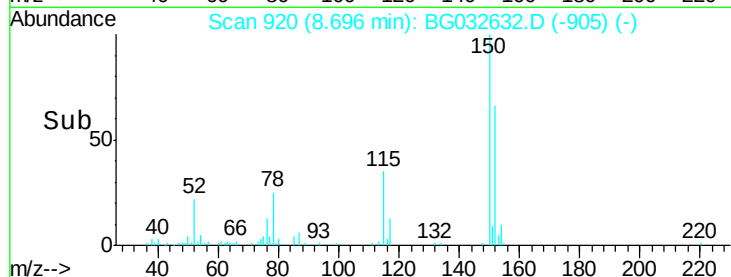
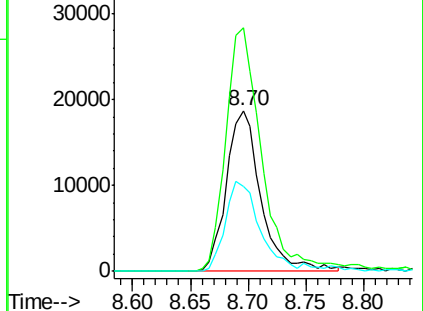
115 52.7 53.0 79.4#



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: 135.84 ng

RT: 6.13 min Scan# 484

Delta R.T. -0.01 min

Lab File: BG032632.D

Acq: 9 Feb 2018 15:49

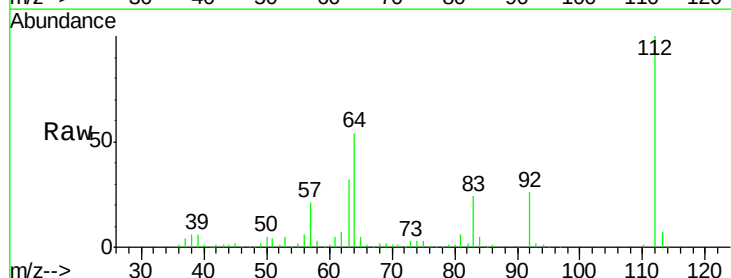
Tgt Ion:112 Resp: 262452

Ion Ratio Lower Upper

112 100

64 54.3 56.3 84.5#

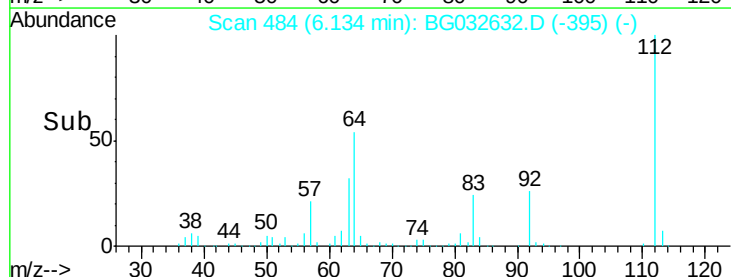
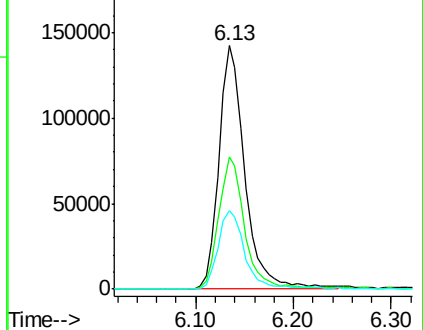
63 32.2 30.1 45.1

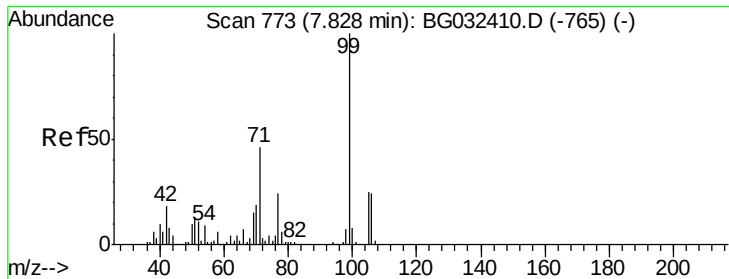


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 121.31 ng

RT: 7.81 min Scan# 770

Delta R.T. -0.01 min

Lab File: BG032632.D

Acq: 9 Feb 2018 15:49

Instrument :

BNA_G

ClientSampleId :

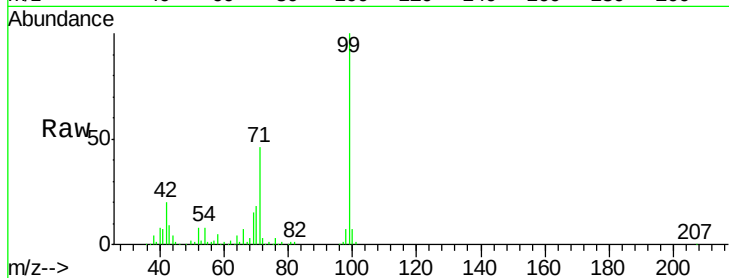
Tot Ion: 99 Resp: 312771

Ion Ratio Lower Upper

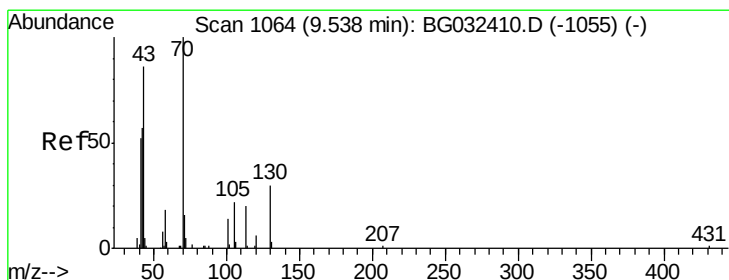
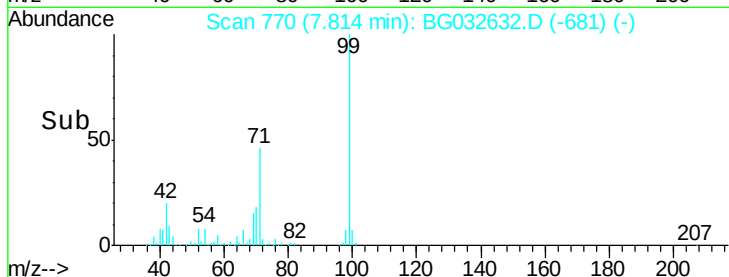
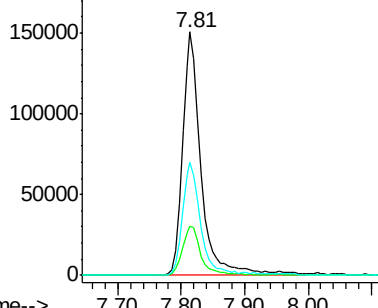
99 100

42 20.1 14.1 21.1

71 46.4 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: 20.49 ng

RT: 9.89 min Scan# 1123

Delta R.T. 0.37 min

Lab File: BG032632.D

Acq: 9 Feb 2018 15:49

Tgt Ion: 70 Resp: 35029

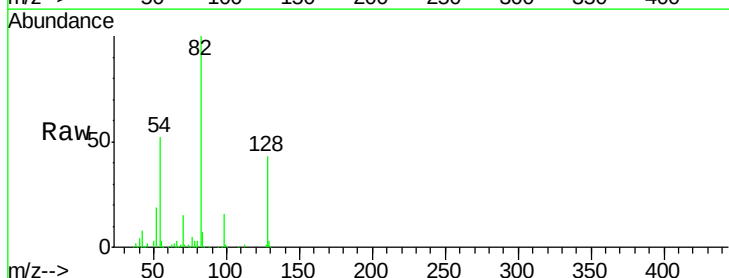
Ion Ratio Lower Upper

70 100

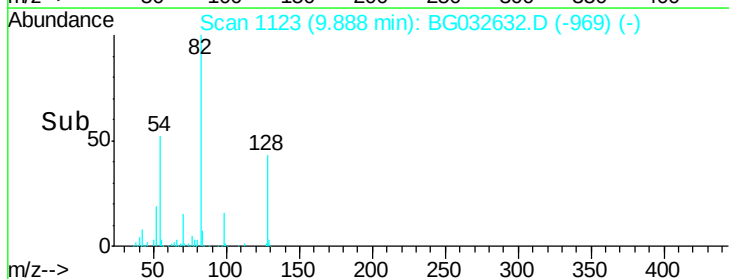
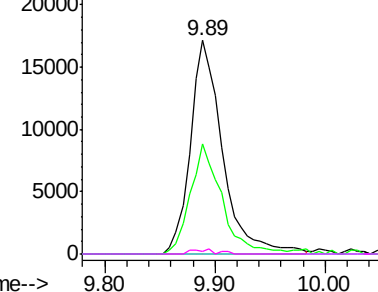
42 51.5 49.1 73.7

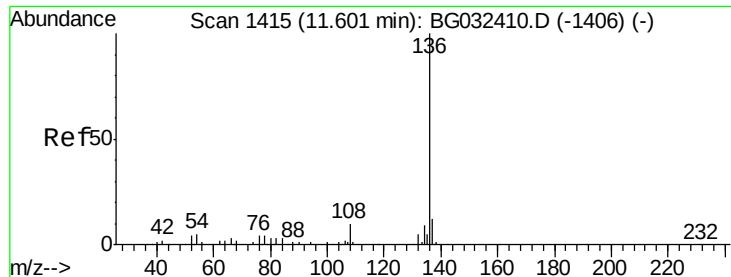
101 0.0 8.5 12.7#

130 1.3 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. -0.01 min

Lab File: BG032632.D

Acq: 9 Feb 2018 15:49

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 161779

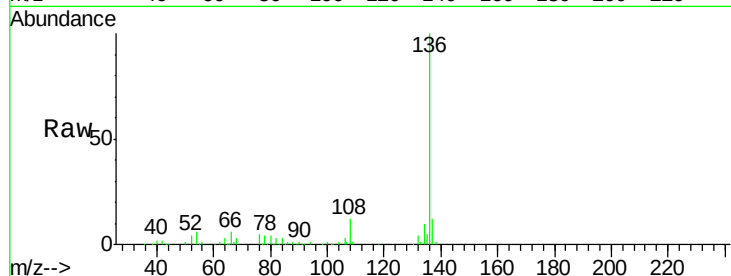
Ion Ratio Lower Upper

136 100

137 12.4 9.2 13.8

54 6.3 10.3 15.5#

68 3.0 4.5 6.7#



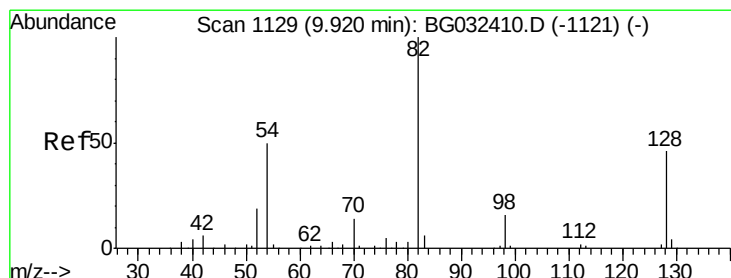
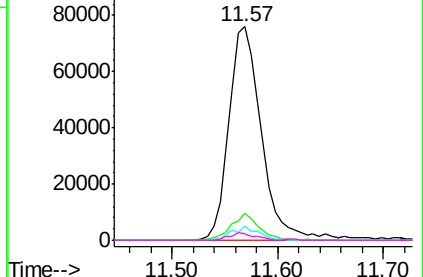
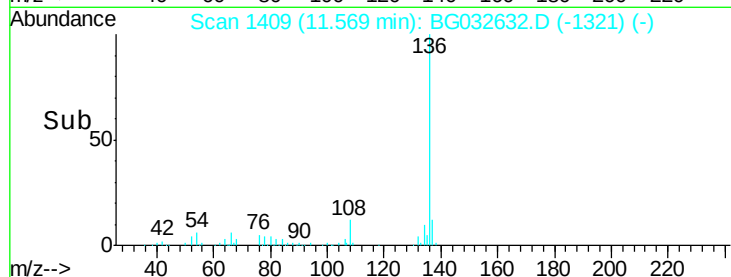
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

Time-->



#23

Nitrobenzene-d5

Concen: 93.20 ng

RT: 9.89 min Scan# 1123

Delta R.T. -0.02 min

Lab File: BG032632.D

Acq: 9 Feb 2018 15:49

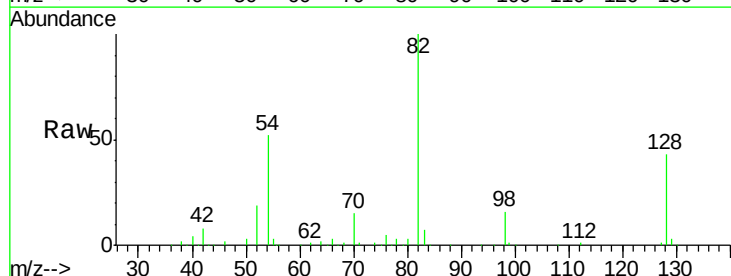
Tgt Ion: 82 Resp: 241410

Ion Ratio Lower Upper

82 100

128 43.4 29.7 44.5

54 52.4 43.1 64.7

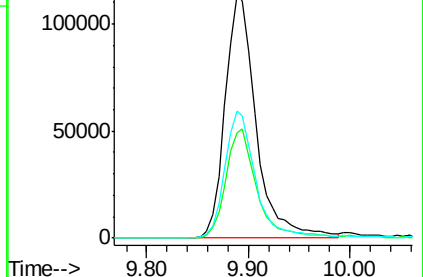
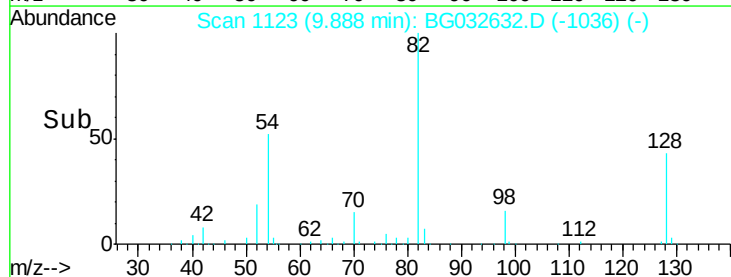


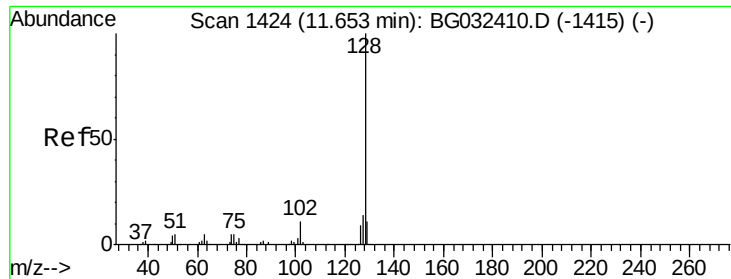
Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

Time-->

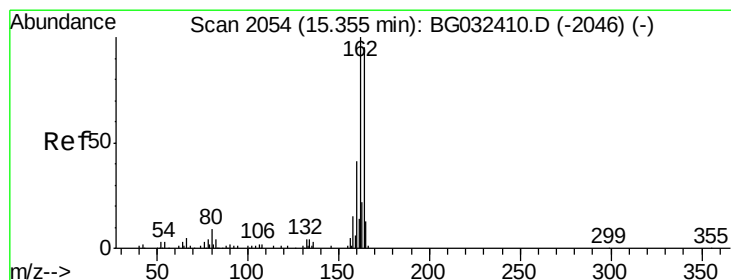
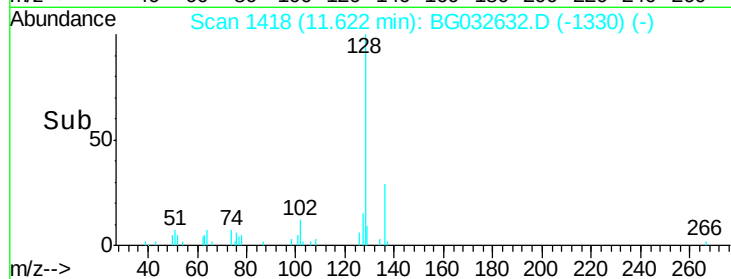
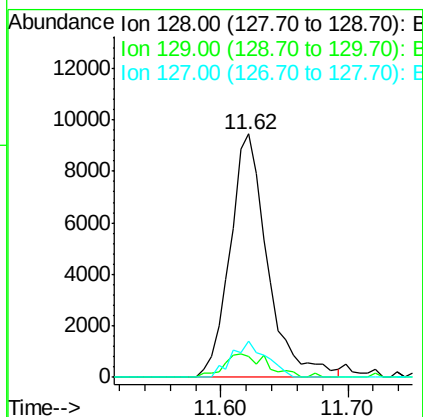
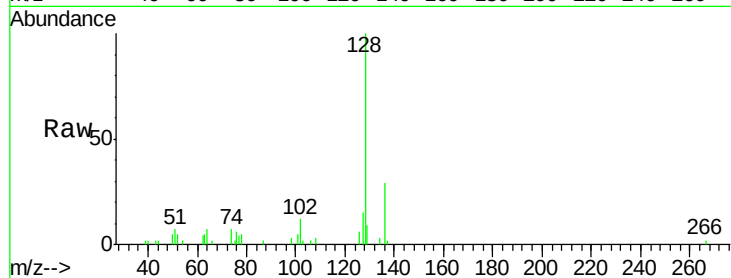




#31
Naphthalene
Concen: 2.45 ng
RT: 11.62 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BG032632.D
Acq: 9 Feb 2018 15:49

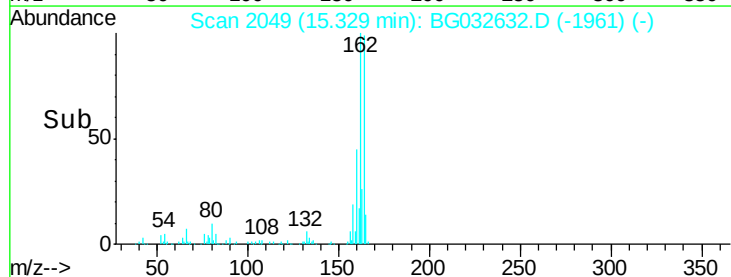
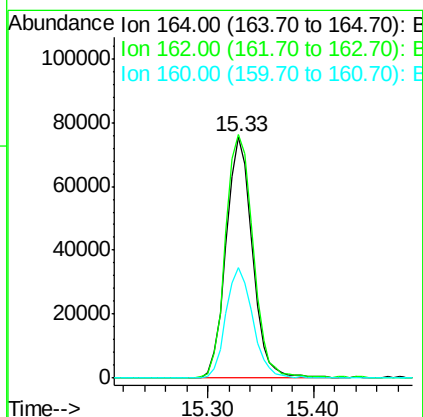
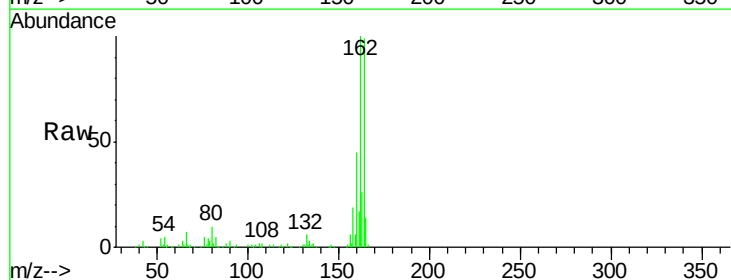
Instrument :
BNA_G
ClientSampleId :

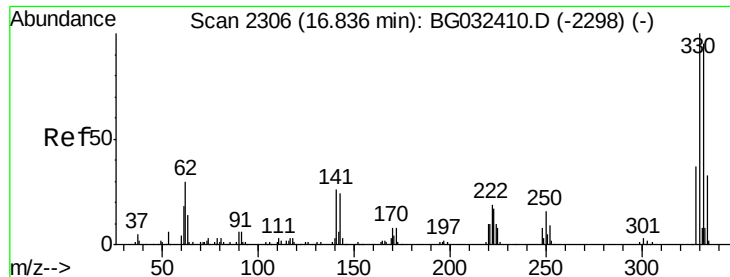
Tot Ion:128 Resp: 19322
Ion Ratio Lower Upper
128 100
129 8.5 8.6 12.8#
127 14.9 11.6 17.4



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.33 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BG032632.D
Acq: 9 Feb 2018 15:49

Tgt Ion:164 Resp: 129821
Ion Ratio Lower Upper
164 100
162 100.8 78.8 118.2
160 45.8 35.4 53.0

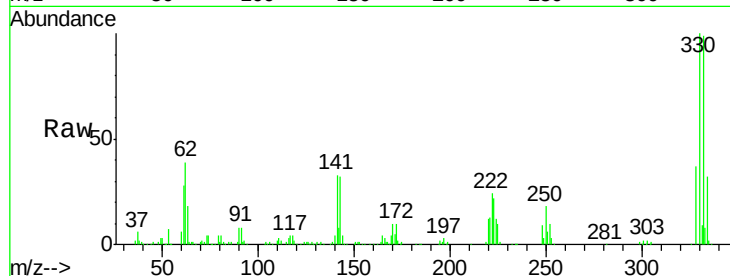




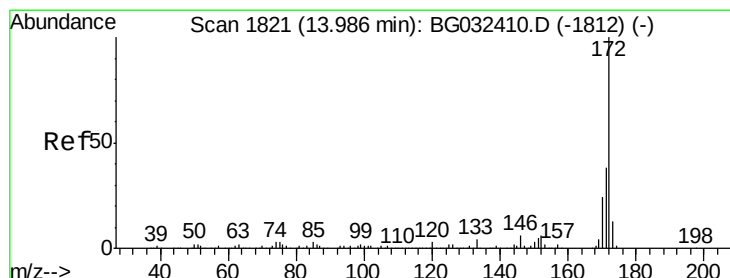
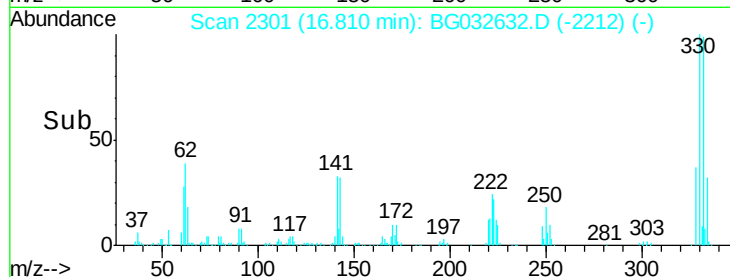
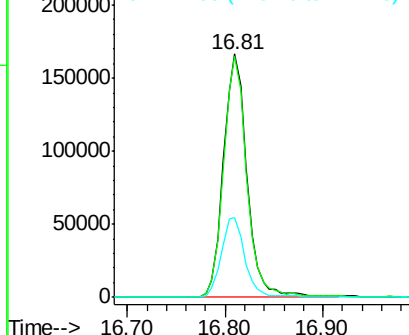
#41
 2,4,6-Tribromophenol
 Concen: 113.19 ng
 RT: 16.81 min Scan# 2301
 Delta R.T. -0.01 min
 Lab File: BG032632.D
 Acq: 9 Feb 2018 15:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	32.9	25.2	37.8

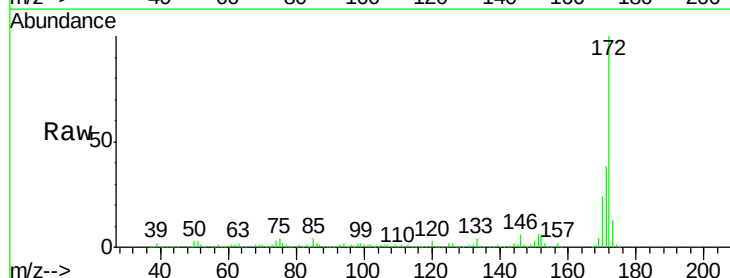


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

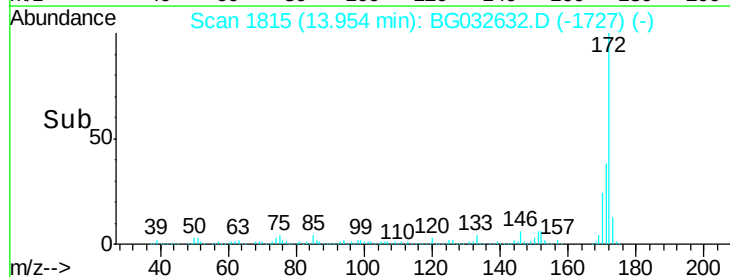
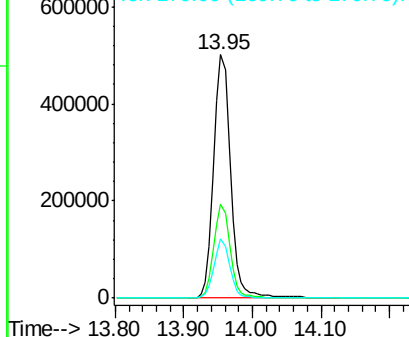


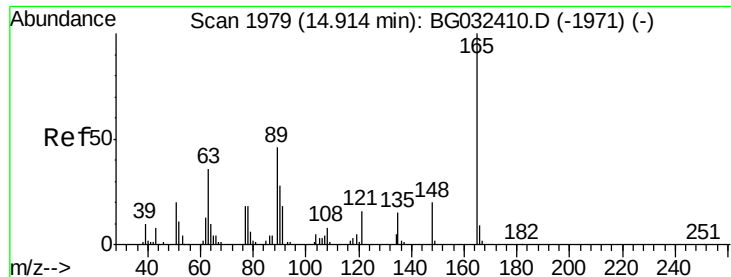
#44
 2-Fluorobiphenyl
 Concen: 79.01 ng
 RT: 13.95 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BG032632.D
 Acq: 9 Feb 2018 15:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.0	45.0
170	24.1	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

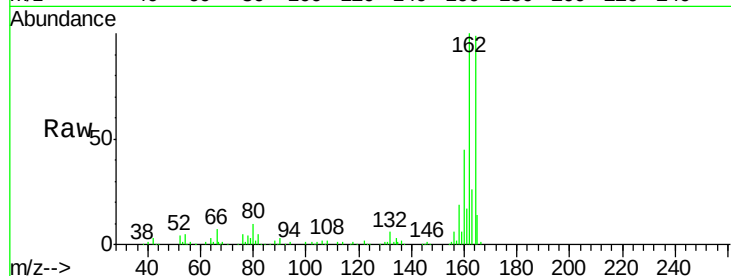




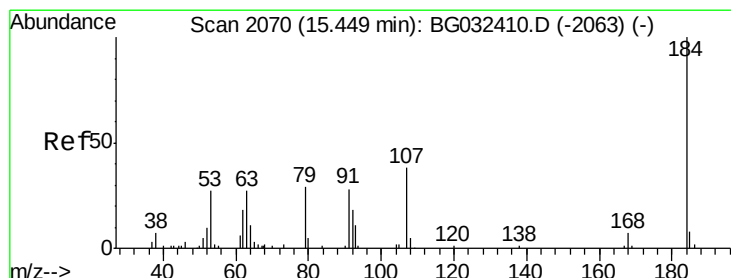
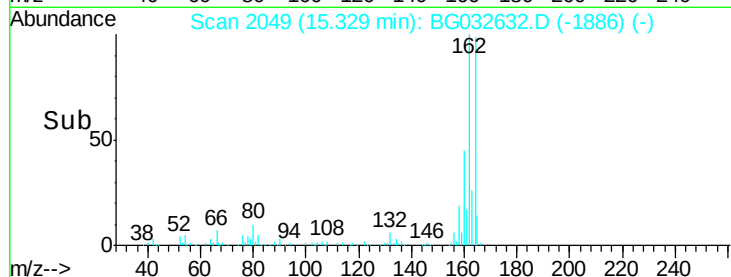
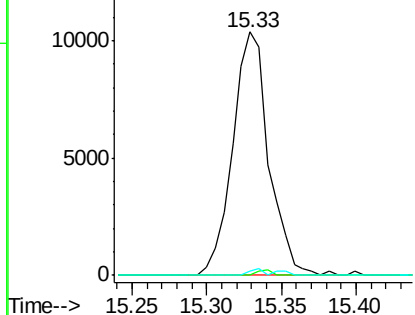
#50
 2,6-Dinitrotoluene
 Concen: 6.93 ng
 RT: 15.33 min Scan# 2049
 Delta R.T. 0.43 min
 Lab File: BG032632.D
 Acq: 9 Feb 2018 15:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 17413
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 1.8 49.2 73.8#

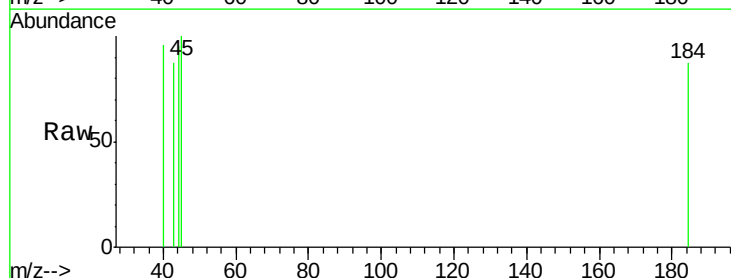


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

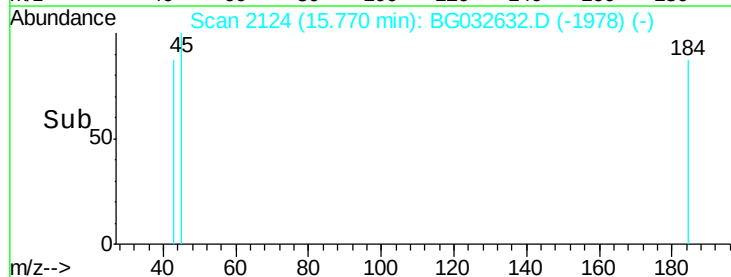
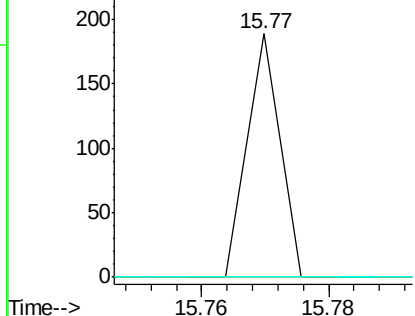


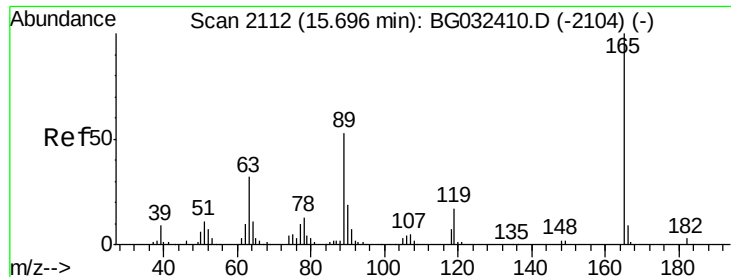
#53
 2,4-Dinitrophenol
 Concen: 4.14 ng
 RT: 15.77 min Scan# 2124
 Delta R.T. 0.33 min
 Lab File: BG032632.D
 Acq: 9 Feb 2018 15:49

Tgt Ion:184 Resp: 67
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E





#56

2,4-Dinitrotoluene

Concen: 4.87 ng

RT: 15.33 min Scan# 2049

Delta R.T. -0.36 min

Lab File: BG032632.D

Acq: 9 Feb 2018 15:49

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 17412

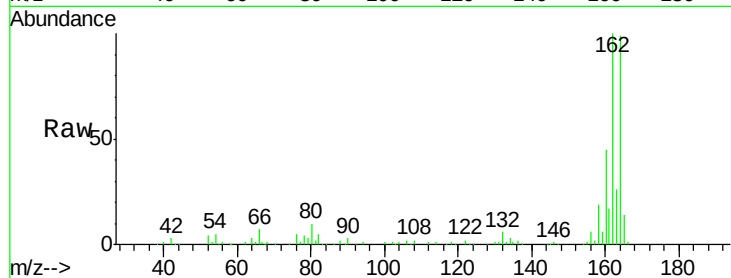
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 1.8 66.9 100.3#

182 0.0 2.6 3.8#

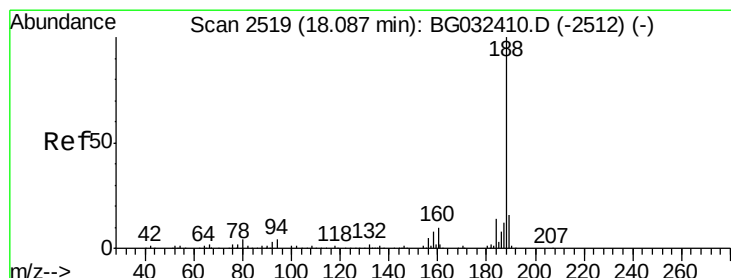
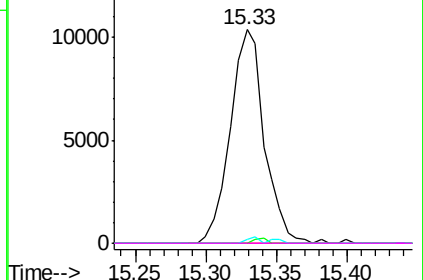
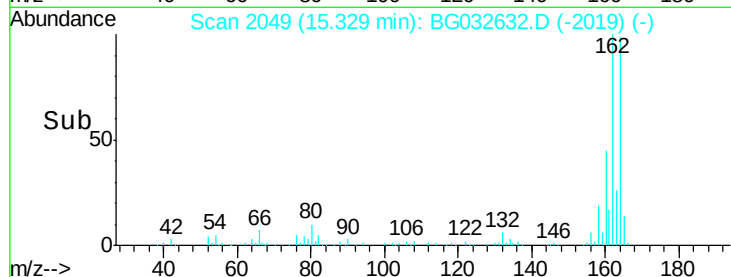


Abundance Ion 165.00 (164.70 to 165.70): E

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: 18.07 min Scan# 2515

Delta R.T. -0.01 min

Lab File: BG032632.D

Acq: 9 Feb 2018 15:49

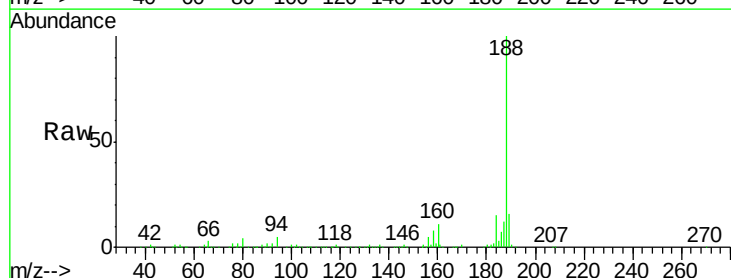
Tgt Ion:188 Resp: 341449

Ion Ratio Lower Upper

188 100

94 4.7 6.9 10.3#

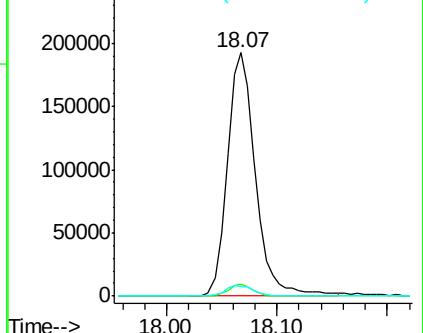
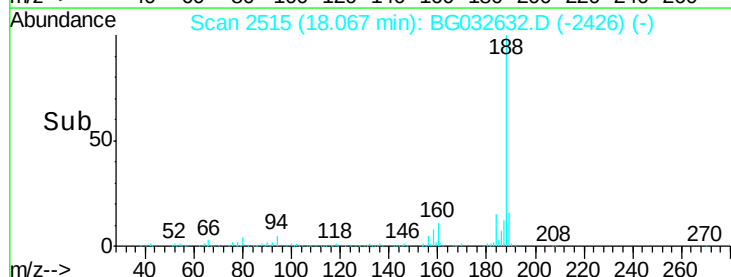
80 3.9 7.7 11.5#

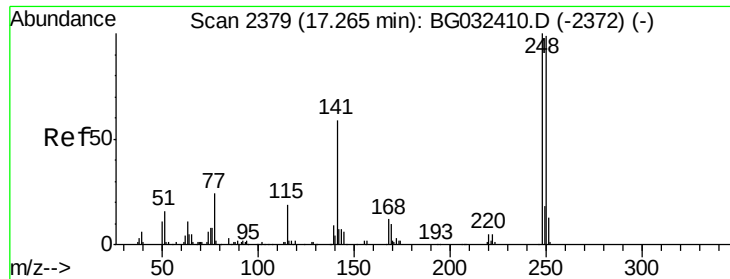


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

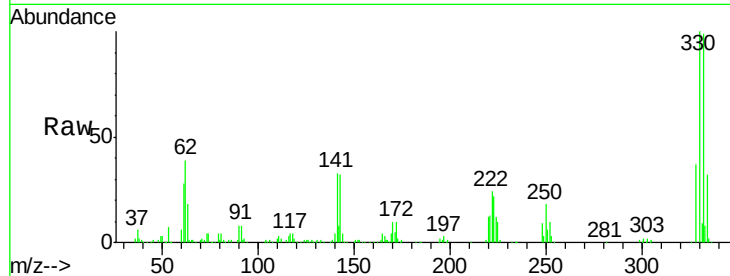




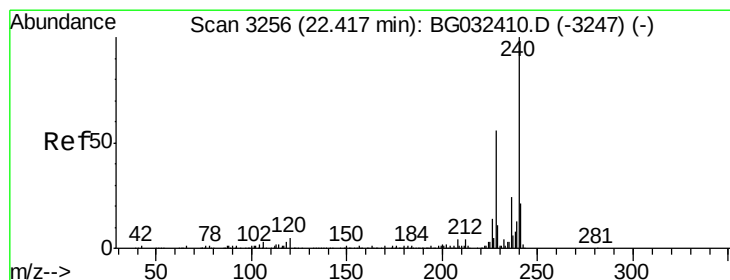
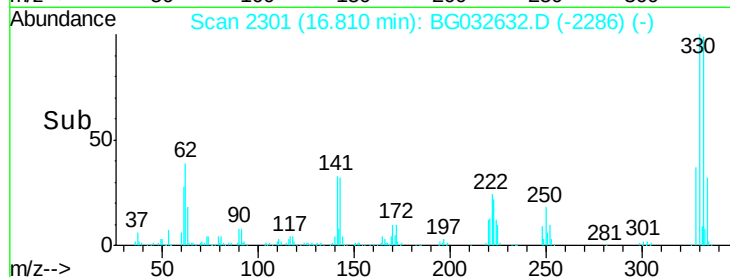
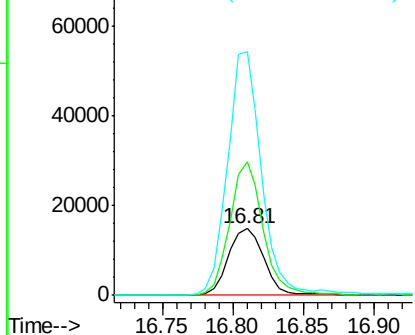
#66
 4-Bromophenyl-phenylether
 Concen: 5.18 ng
 RT: 16.81 min Scan# 2301
 Delta R.T. -0.44 min
 Lab File: BG032632.D
 Acq: 9 Feb 2018 15:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 26184
 Ion Ratio Lower Upper
 248 100
 250 200.6 77.1 115.7#
 141 365.5 50.8 76.2#

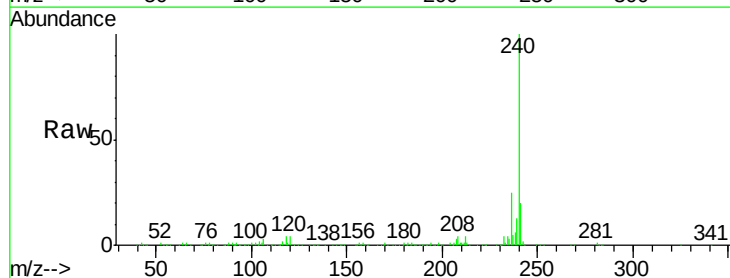


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

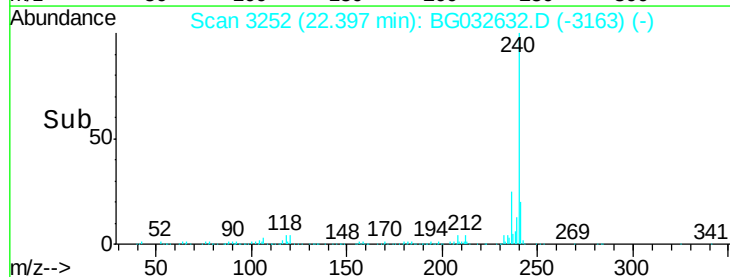
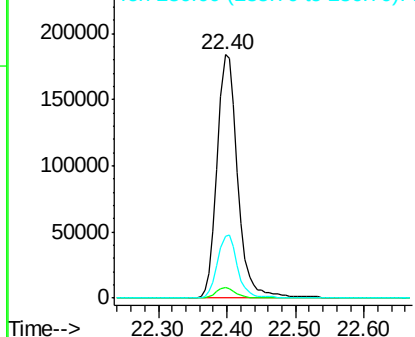


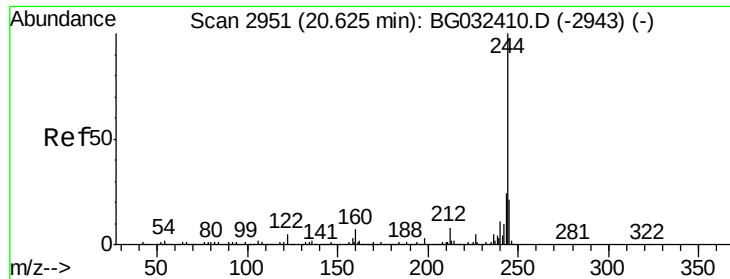
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 22.40 min Scan# 3252
 Delta R.T. -0.01 min
 Lab File: BG032632.D
 Acq: 9 Feb 2018 15:49

Tgt Ion:240 Resp: 384038
 Ion Ratio Lower Upper
 240 100
 120 4.3 6.8 10.2#
 236 25.3 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: 82.03 ng

RT: 20.61 min Scan# 2948

Delta R.T. -0.00 min

Lab File: BG032632.D

Acq: 9 Feb 2018 15:49

Instrument :

BNA_G

ClientSampleId :

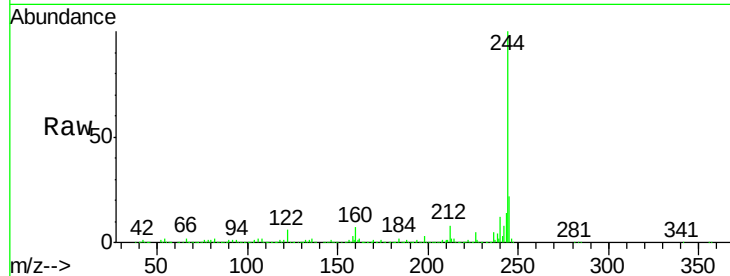
Tot Ion:244 Resp: 1470625

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

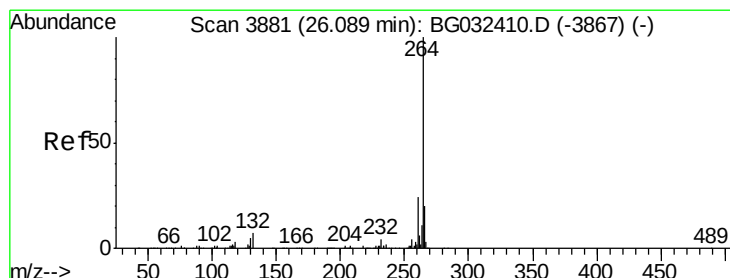
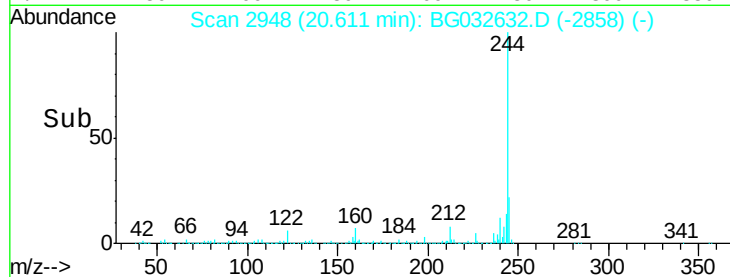
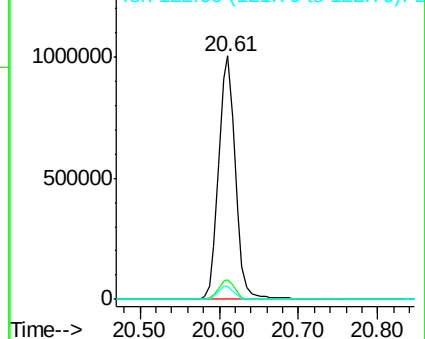
122 5.7 7.0 10.4#



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: 20.00 ng

RT: 26.08 min Scan# 3878

Delta R.T. 0.01 min

Lab File: BG032632.D

Acq: 9 Feb 2018 15:49

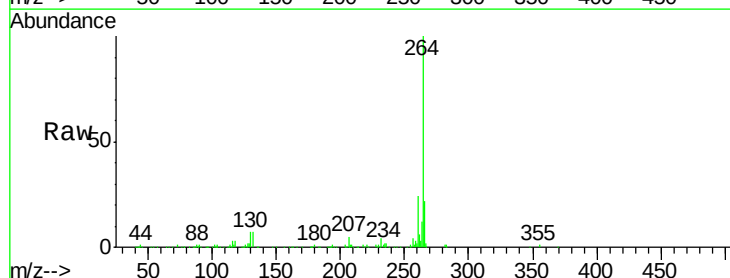
Tgt Ion:264 Resp: 385048

Ion Ratio Lower Upper

264 100

260 23.8 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

