

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060718\
 Data File : BG034964.D
 Acq On : 7 Jun 2018 22:37
 Operator : SJ/JU
 Sample : J3344-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HS-YARD-2

Quant Time: Jun 08 04:33:45 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 07 13:13:20 2018
 Response via : Initial Calibration

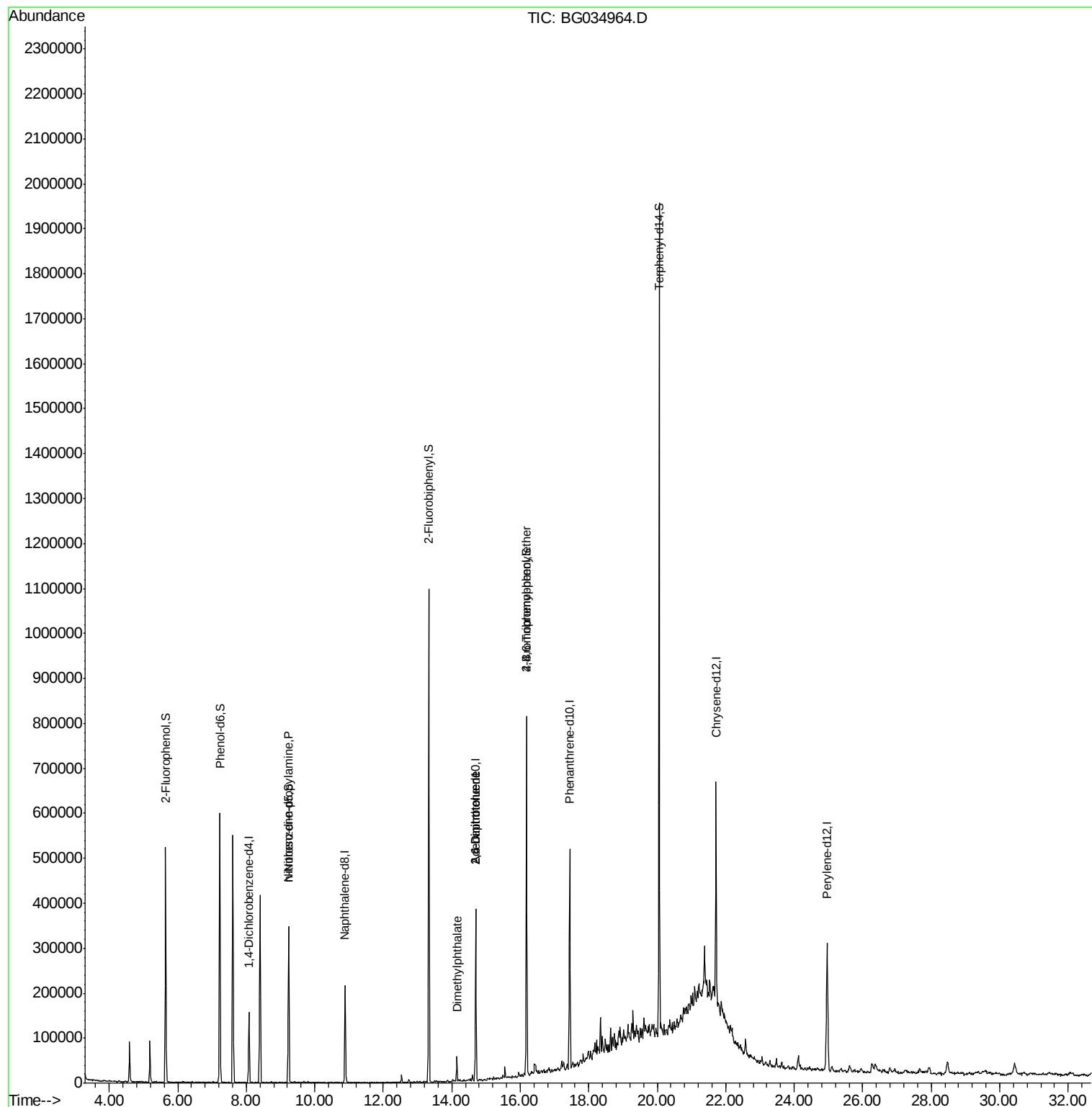
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	42531	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	177486	20.00	ng	-0.01
38) Acenaphthene-d10	14.70	164	124300	20.00	ng	0.00
63) Phenanthrene-d10	17.45	188	294174	20.00	ng	0.00
75) Chrysene-d12	21.72	240	291719	20.00	ng	-0.01
86) Perylene-d12	24.97	264	309023	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	214370	85.06	ng	0.00
7) Phenol-d6	7.23	99	344709	92.67	ng	0.00
23) Nitrobenzene-d5	9.23	82	222716	59.65	ng	-0.02
41) 2,4,6-Tribromophenol	16.18	330	132113	83.03	ng	-0.01
44) 2-Fluorobiphenyl	13.33	172	573882	60.02	ng	-0.01
78) Terphenyl-d14	20.05	244	858902	61.67	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.24	70	29530	9.34	ng	# 69
49) Dimethylphthalate	14.15	163	32482	3.00	ng	99
50) 2,6-Dinitrotoluene	14.70	165	17829	9.02	ng	# 21
56) 2,4-Dinitrotoluene	14.70	165	17829	6.79	ng	# 19
66) 4-Bromophenyl-phenylether	16.18	248	10326	2.91	ng	# 1

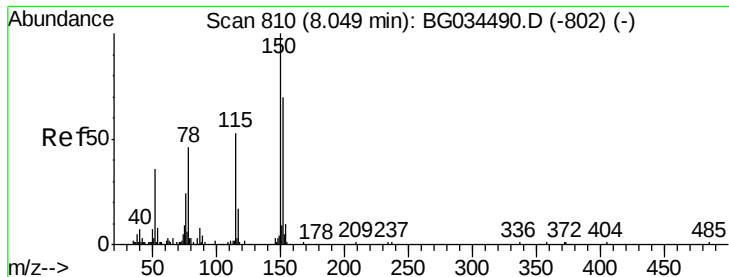
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.08 min Scan# 816

Delta R.T. -0.00 min

Lab File: BG034964.D

Acq: 7 Jun 2018 22:37

Instrument :

BNA_G

ClientSampleId :

HS-YARD-2

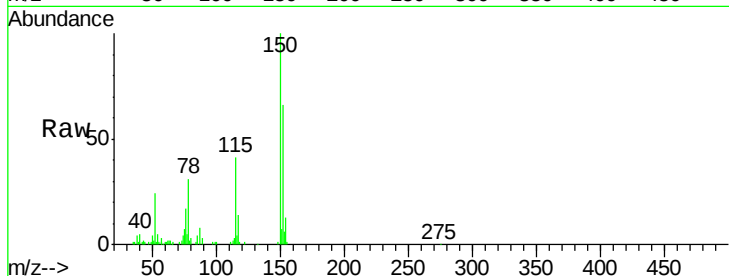
Tot Ion:152 Resp: 42531

Ion Ratio Lower Upper

152 100

150 151.1 126.6 189.8

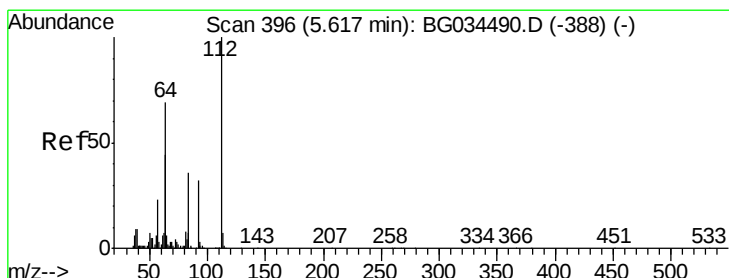
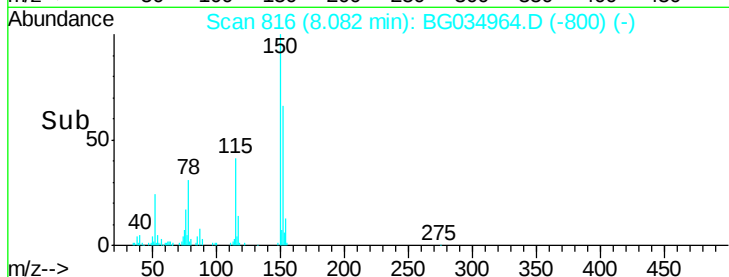
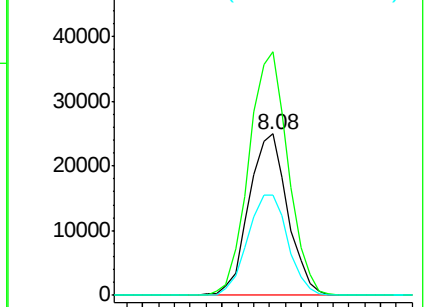
115 62.4 53.0 79.4



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: 85.06 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG034964.D

Acq: 7 Jun 2018 22:37

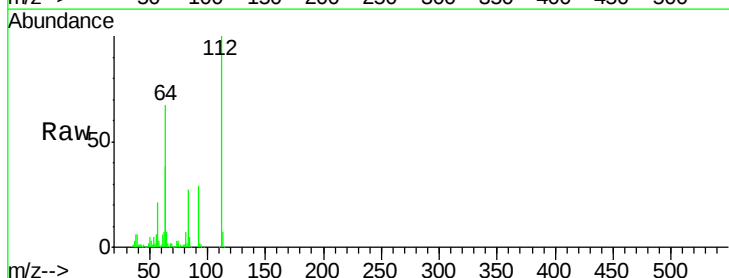
Tgt Ion:112 Resp: 214370

Ion Ratio Lower Upper

112 100

64 67.1 56.3 84.5

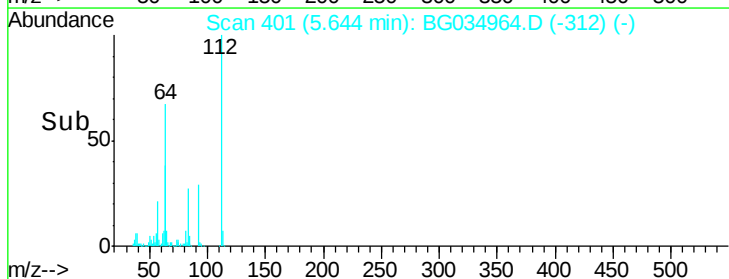
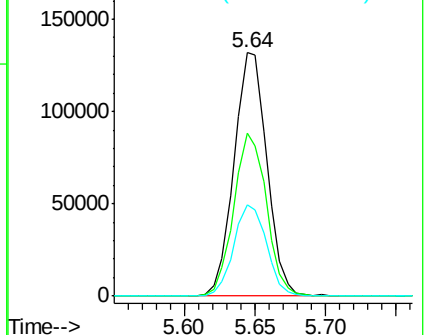
63 37.6 30.1 45.1



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: 92.67 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG034964.D

Acq: 7 Jun 2018 22:37

Instrument :

BNA_G

ClientSampleId :

HS-YARD-2

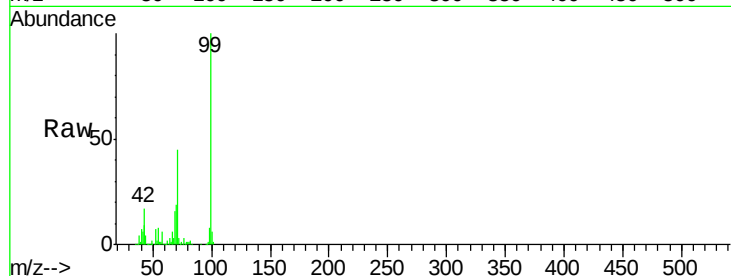
Tot Ion: 99 Resp: 344709

Ion Ratio Lower Upper

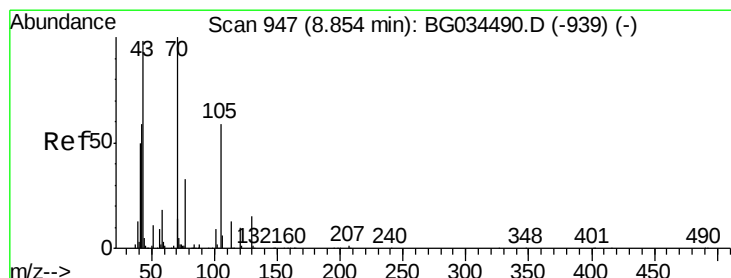
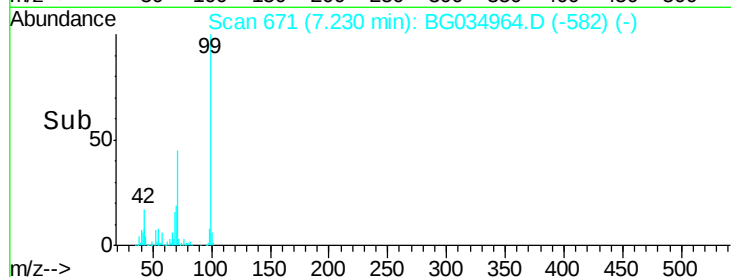
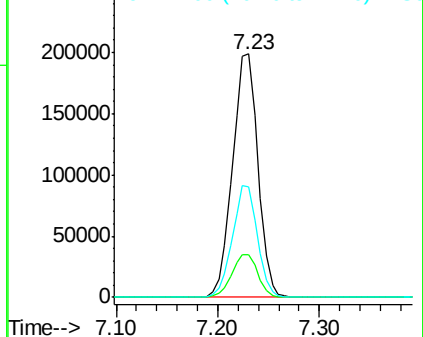
99 100

42 17.3 14.1 21.1

71 45.4 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: 9.34 ng

RT: 9.24 min Scan# 1013

Delta R.T. 0.34 min

Lab File: BG034964.D

Acq: 7 Jun 2018 22:37

Tgt Ion: 70 Resp: 29530

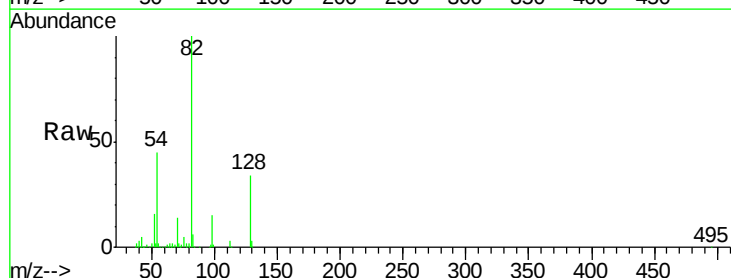
Ion Ratio Lower Upper

70 100

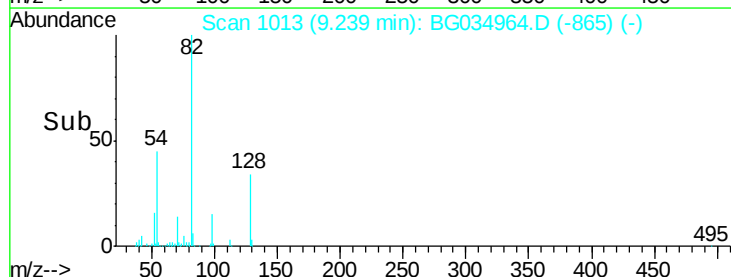
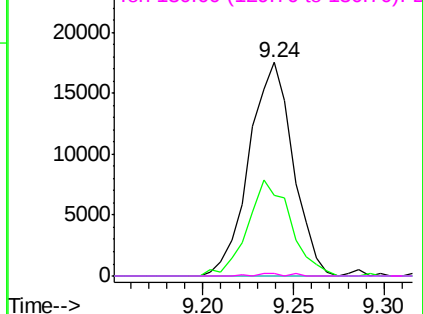
42 37.8 49.1 73.7#

101 0.0 8.5 12.7#

130 1.5 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

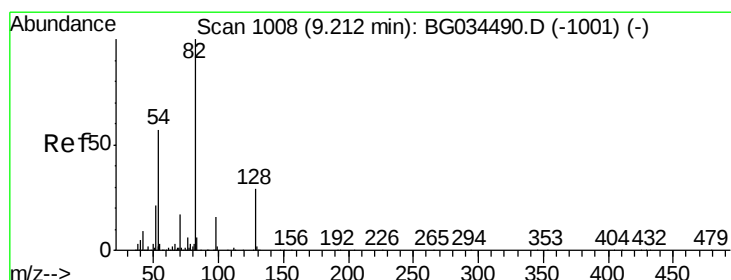
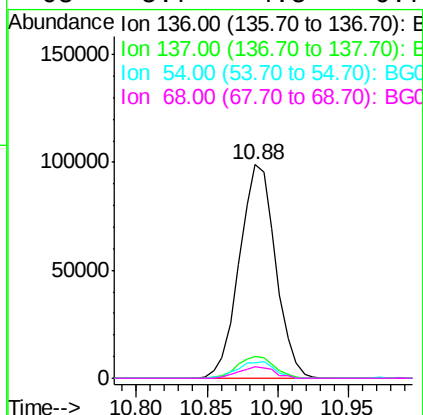
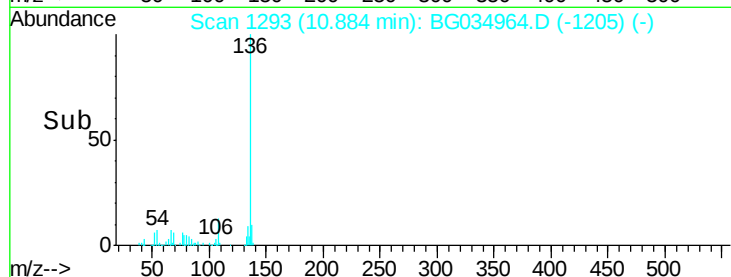
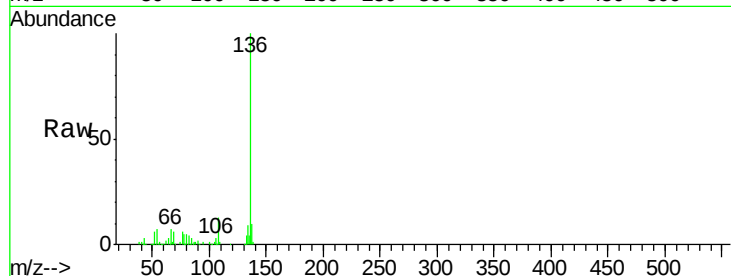




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG034964.D
Acq: 7 Jun 2018 22:37

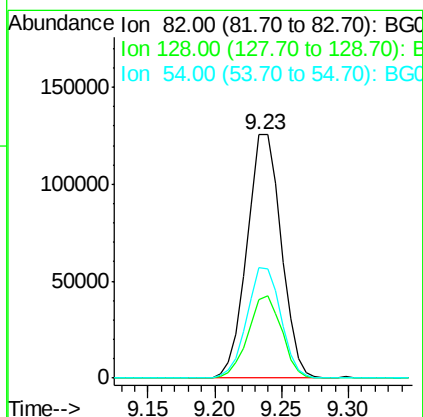
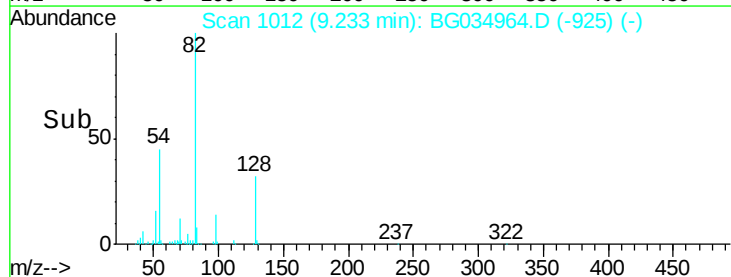
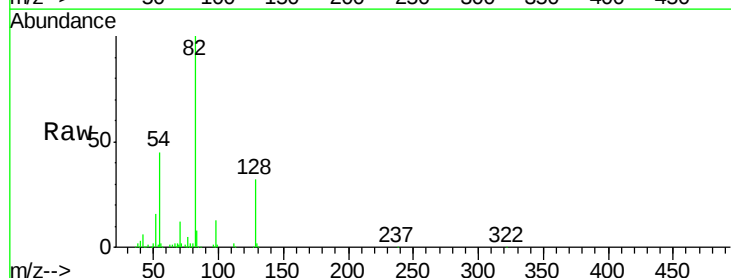
Instrument :
BNA_G
ClientSampleId :
HS-YARD-2

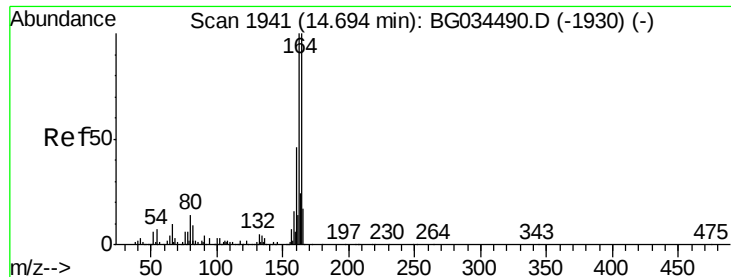
Tot Ion:136	Resp:	177486	
Ion Ratio	Lower	Upper	
136 100			
137 10.1	9.2	13.8	
54 7.3	10.3	15.5#	
68 5.7	4.5	6.7	



#23
Nitrobenzene-d5
Concen: 59.65 ng
RT: 9.23 min Scan# 1012
Delta R.T. -0.02 min
Lab File: BG034964.D
Acq: 7 Jun 2018 22:37

Tgt Ion: 82	Resp: 222716
Ion Ratio	Lower Upper
82 100	
128 32.1	29.7 44.5
54 45.3	43.1 64.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.70 min Scan# 1943

Delta R.T. -0.00 min

Lab File: BG034964.D

Acq: 7 Jun 2018 22:37

Instrument :

BNA_G

ClientSampled :

HS-YARD-2

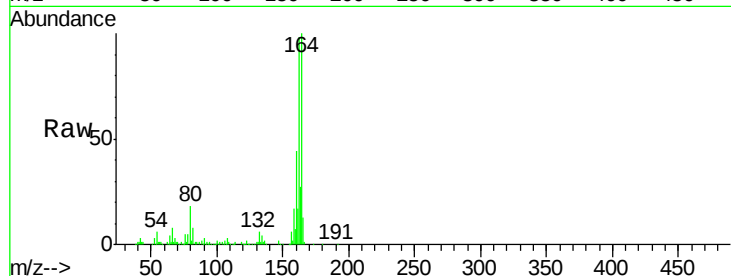
Tot Ion:164 Resp: 124300

Ion Ratio Lower Upper

164 100

162 97.6 78.8 118.2

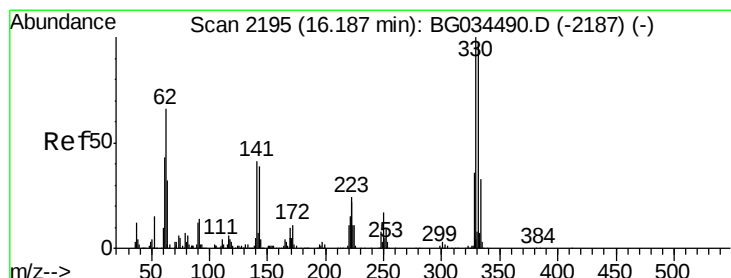
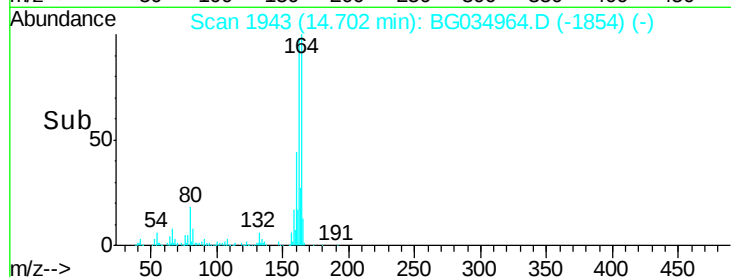
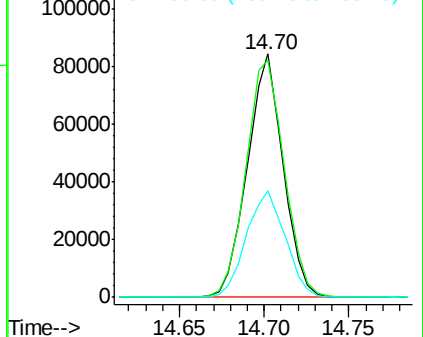
160 43.7 35.4 53.0



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: 83.03 ng

RT: 16.18 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BG034964.D

Acq: 7 Jun 2018 22:37

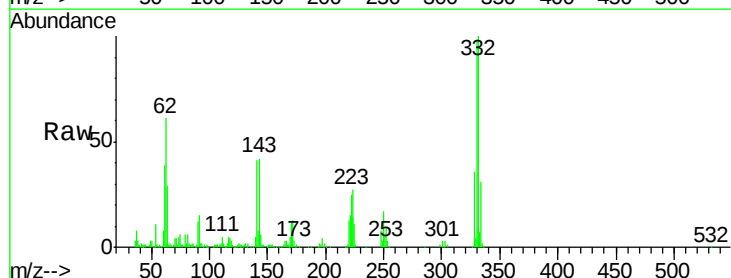
Tgt Ion:330 Resp: 132113

Ion Ratio Lower Upper

330 100

332 98.6 77.0 115.6

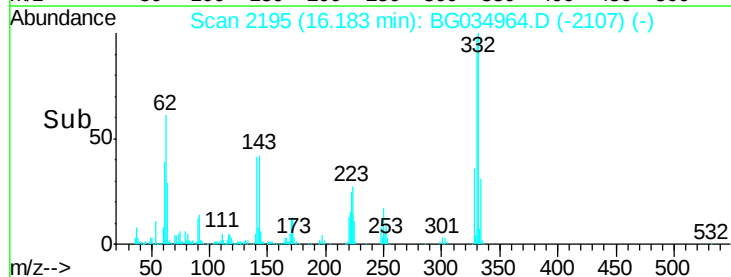
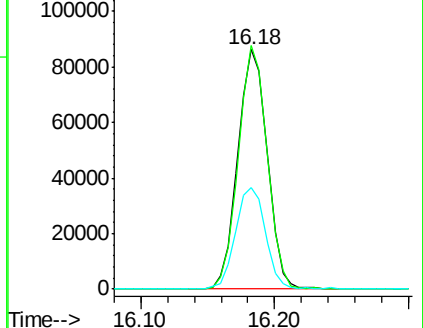
141 43.0 25.2 37.8#

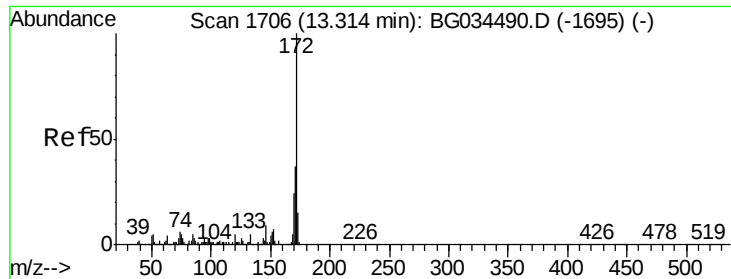


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

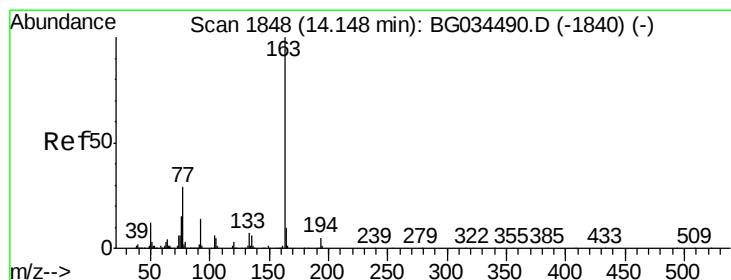
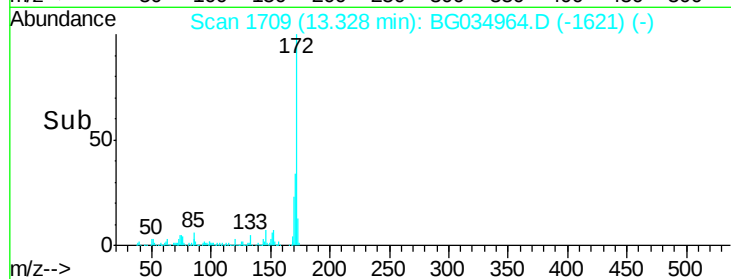
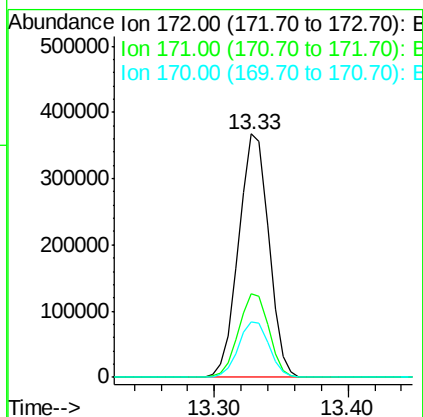
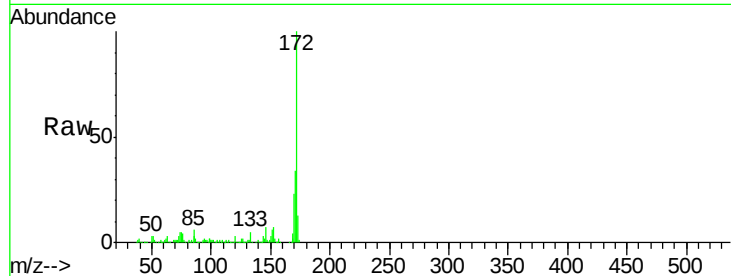




#44
2-Fluorobiphenyl
Concen: 60.02 ng
RT: 13.33 min Scan# 1709
Delta R.T. -0.01 min
Lab File: BG034964.D
Acq: 7 Jun 2018 22:37

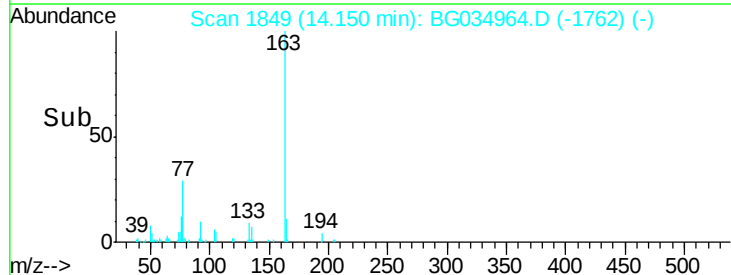
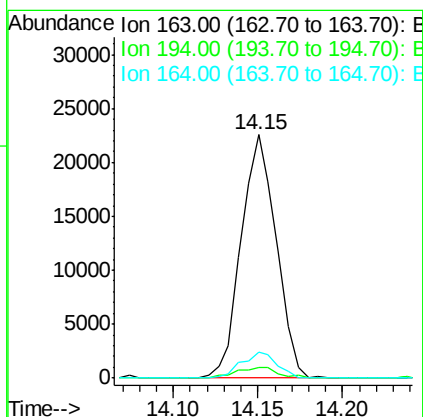
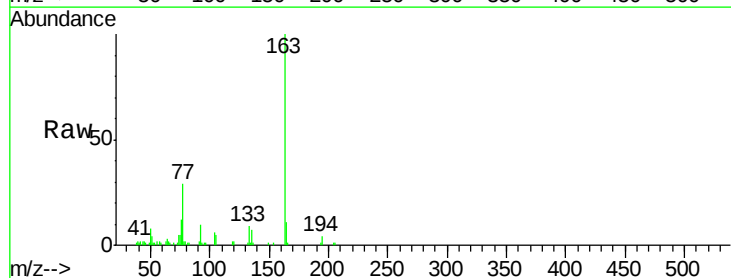
Instrument :
BNA_G
ClientSampleId :
HS-YARD-2

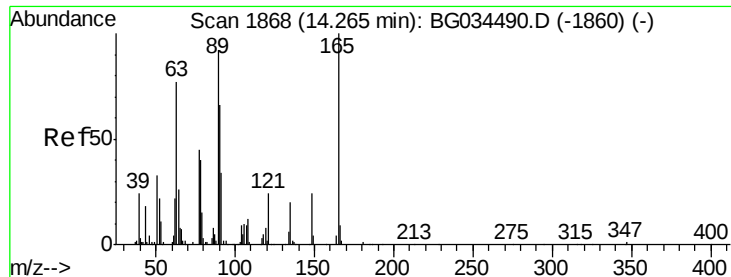
Tot Ion:172 Resp: 573882
Ion Ratio Lower Upper
172 100
171 34.1 30.0 45.0
170 22.7 19.5 29.3



#49
Dimethylphthalate
Concen: 3.00 ng
RT: 14.15 min Scan# 1849
Delta R.T. -0.02 min
Lab File: BG034964.D
Acq: 7 Jun 2018 22:37

Tgt Ion:163 Resp: 32482
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.6 8.2 12.4





#50

2,6-Dinitrotoluene

Concen: 9.02 ng

RT: 14.70 min Scan# 1943

Delta R.T. 0.42 min

Lab File: BG034964.D

Acq: 7 Jun 2018 22:37

Instrument :

BNA_G

ClientSampleId :

HS-YARD-2

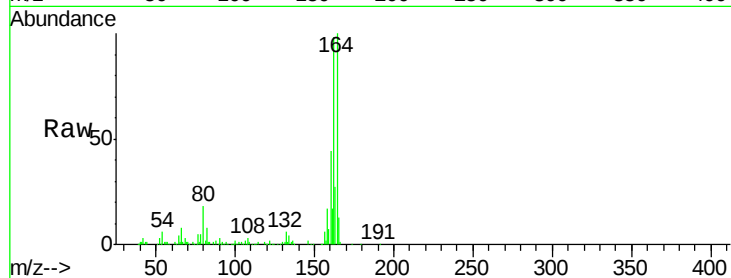
Tot Ion:165 Resp: 17829

Ion Ratio Lower Upper

165 100

63 2.6 52.7 79.1#

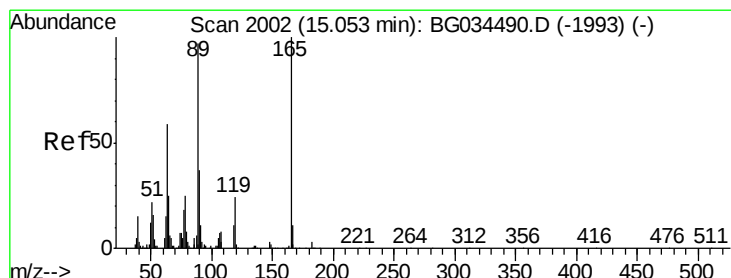
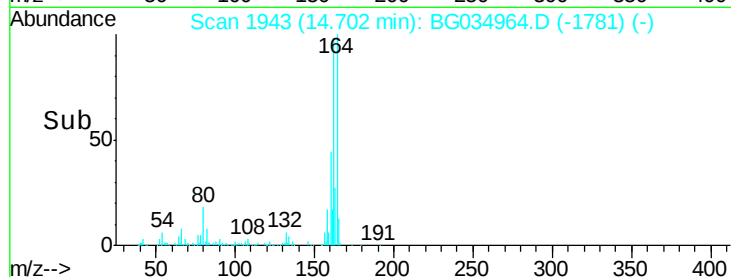
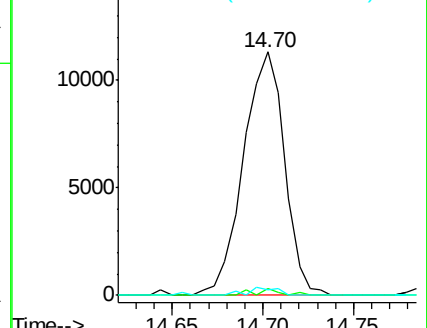
89 2.3 49.2 73.8#



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



#56

2,4-Dinitrotoluene

Concen: 6.79 ng

RT: 14.70 min Scan# 1943

Delta R.T. -0.36 min

Lab File: BG034964.D

Acq: 7 Jun 2018 22:37

Tgt Ion:165 Resp: 17829

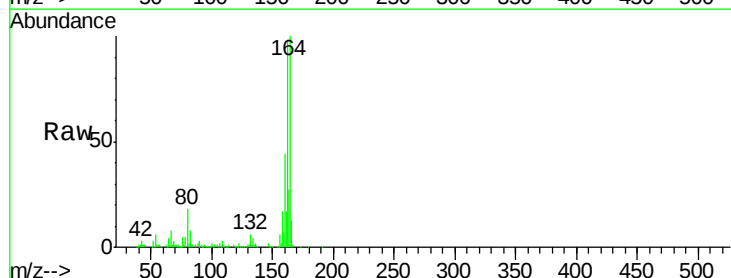
Ion Ratio Lower Upper

165 100

63 2.6 42.0 63.0#

89 2.3 66.9 100.3#

182 0.0 2.6 3.8#

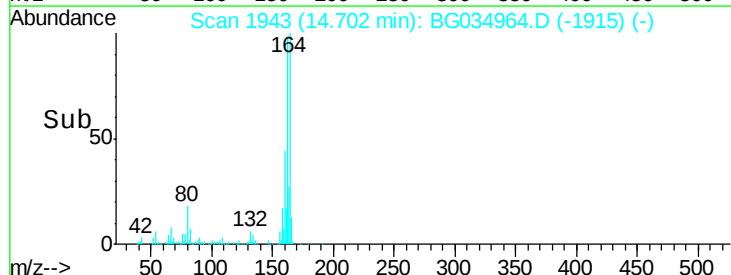
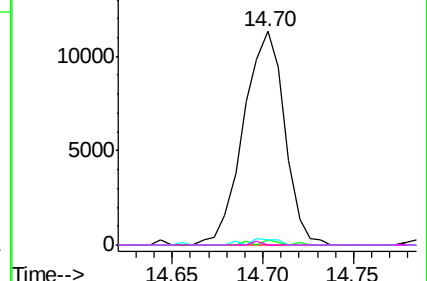


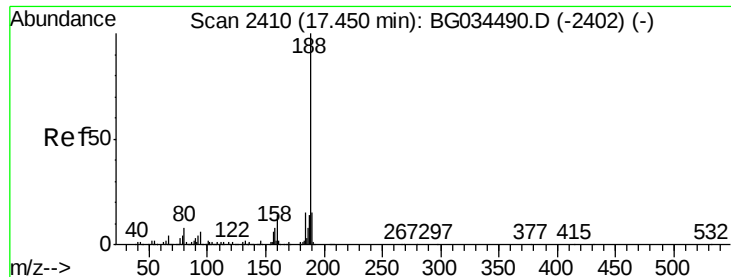
Abundance Ion 165.00 (164.70 to 165.70): E

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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.45 min Scan# 2410

Delta R.T. -0.00 min

Lab File: BG034964.D

Acq: 7 Jun 2018 22:37

Instrument :

BNA_G

ClientSampleId :

HS-YARD-2

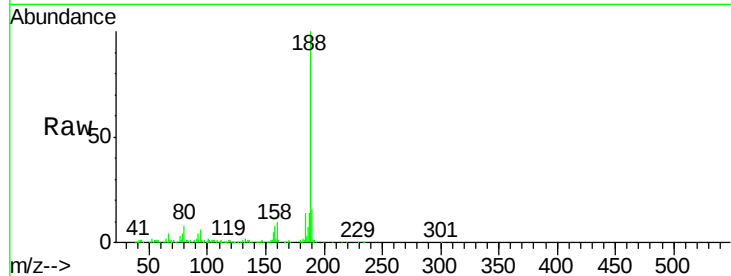
Tot Ion:188 Resp: 294174

Ion Ratio Lower Upper

188 100

94 6.4 6.9 10.3#

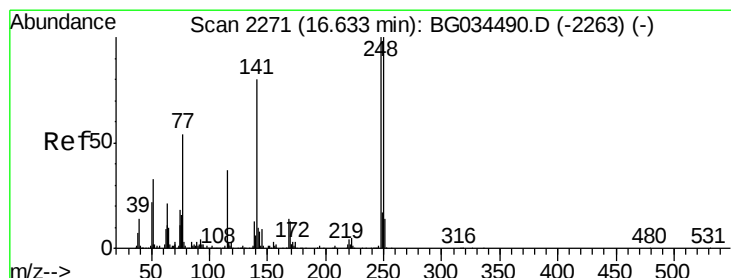
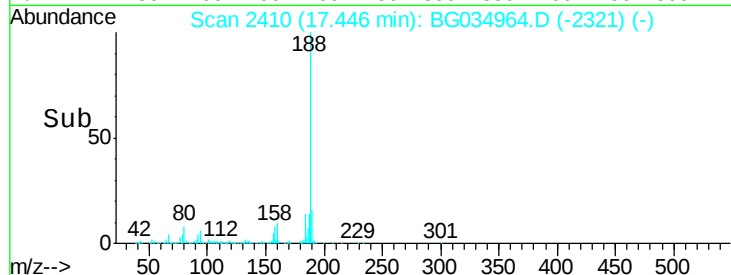
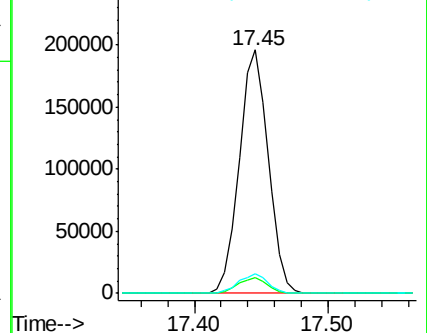
80 7.8 7.7 11.5



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: 2.91 ng

RT: 16.18 min Scan# 2195

Delta R.T. -0.46 min

Lab File: BG034964.D

Acq: 7 Jun 2018 22:37

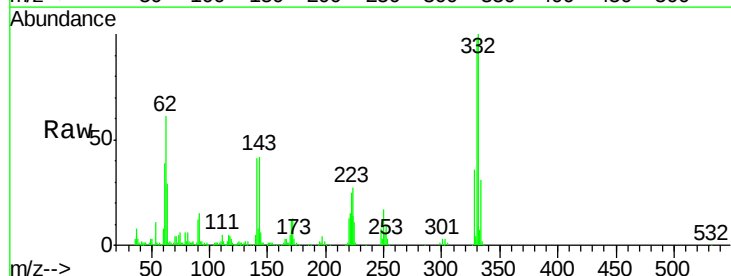
Tgt Ion:248 Resp: 10326

Ion Ratio Lower Upper

248 100

250 229.4 77.1 115.7#

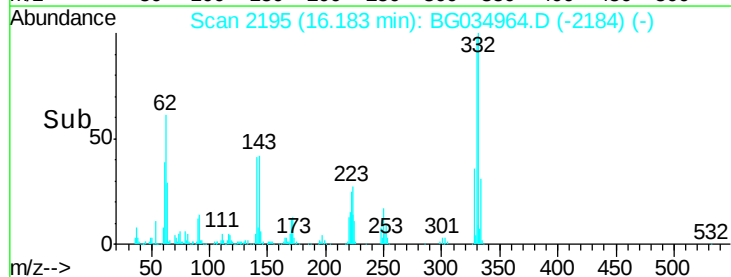
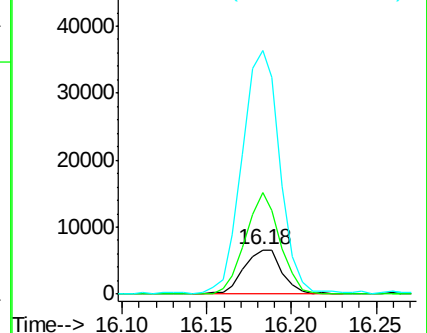
141 550.6 50.8 76.2#

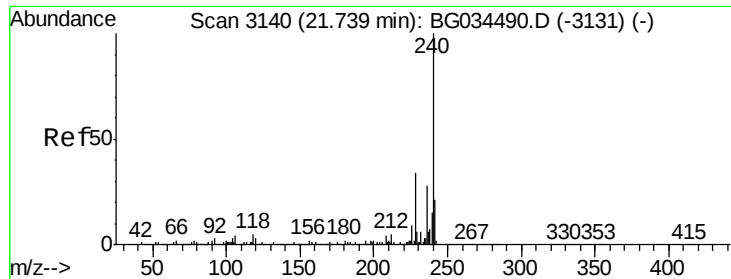


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.72 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG034964.D

Acq: 7 Jun 2018 22:37

Instrument :

BNA_G

ClientSampleId :

HS-YARD-2

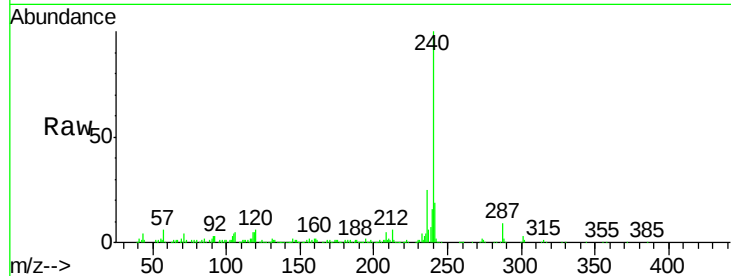
Tot Ion:240 Resp: 291719

Ion Ratio Lower Upper

240 100

120 5.6 6.8 10.2#

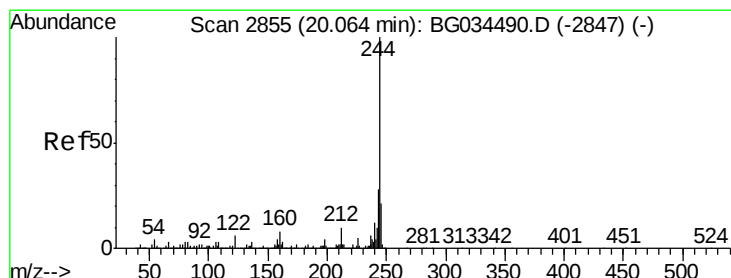
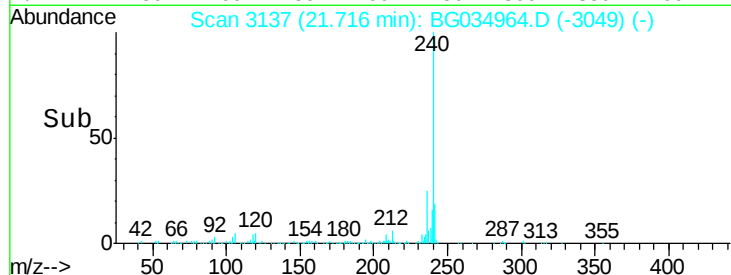
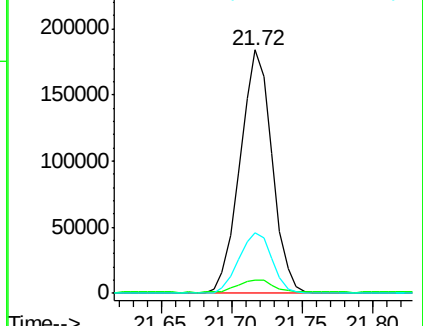
236 25.1 20.9 31.3



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: 61.67 ng

RT: 20.05 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG034964.D

Acq: 7 Jun 2018 22:37

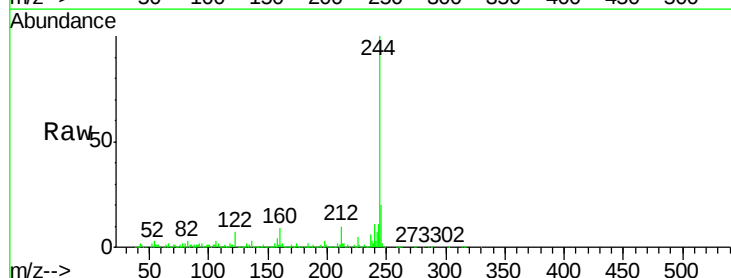
Tgt Ion:244 Resp: 858902

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

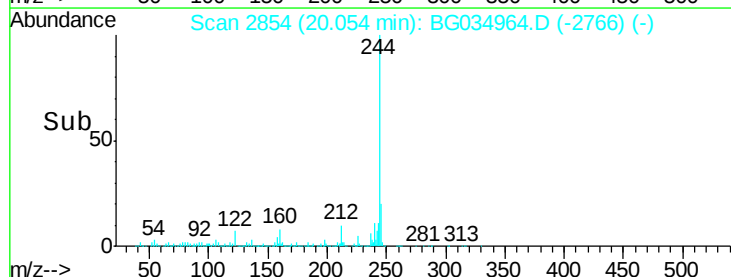
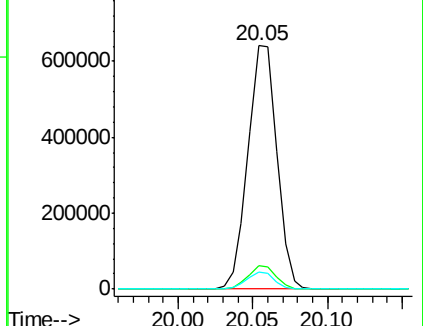
122 7.2 7.0 10.4

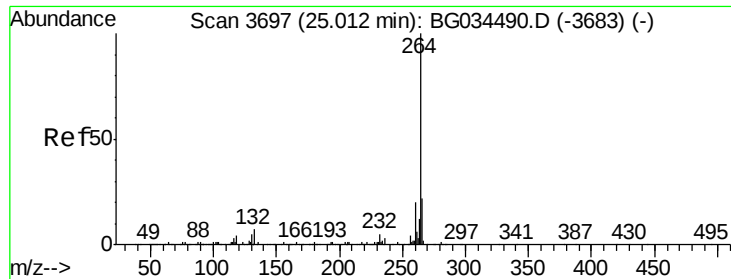


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

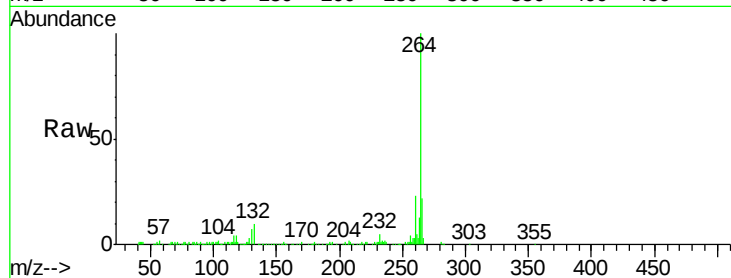




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 24.97 min Scan# 3690
 Delta R.T. -0.02 min
 Lab File: BG034964.D
 Acq: 7 Jun 2018 22:37

Instrument :
 BNA_G
 ClientSampleId :
 HS-YARD-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.0
265	22.0	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

