

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060718\
 Data File : BG034969.D
 Acq On : 8 Jun 2018 1:52
 Operator : SJ/JU
 Sample : PB110034TB
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 08 04:34:44 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

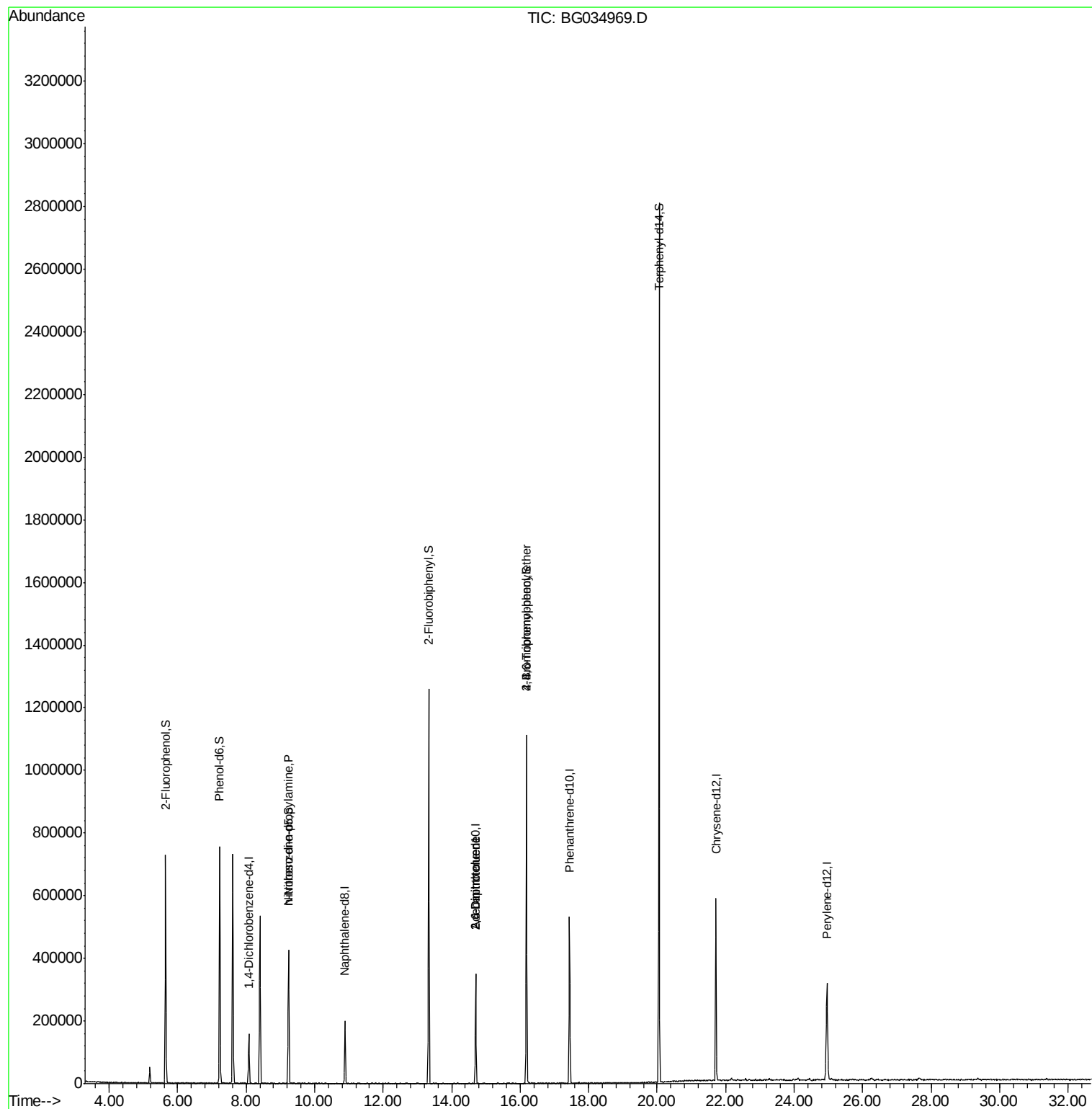
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	44305	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	160752	20.00	ng	0.00
38) Acenaphthene-d10	14.70	164	119418	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	331161	20.00	ng	0.00
75) Chrysene-d12	21.71	240	359353	20.00	ng	-0.01
86) Perylene-d12	24.96	264	345814	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	299678	114.15	ng	0.00
7) Phenol-d6	7.23	99	439083	113.32	ng	0.00
23) Nitrobenzene-d5	9.24	82	273302	80.82	ng	-0.01
41) 2,4,6-Tribromophenol	16.18	330	199116	130.25	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	664972	72.39	ng	0.00
78) Terphenyl-d14	20.06	244	1292907	75.36	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.24	70	38920	11.82	ng	# 70
50) 2,6-Dinitrotoluene	14.70	165	16263	8.56	ng	# 20
56) 2,4-Dinitrotoluene	14.70	165	16263	6.44	ng	# 18
66) 4-Bromophenyl-phenylether	16.18	248	15608	3.91	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# 815

Delta R.T. -0.01 min

Lab File: BG034969.D

Acq: 8 Jun 2018 1:52

Instrument :

BNA_G

ClientSampleId :

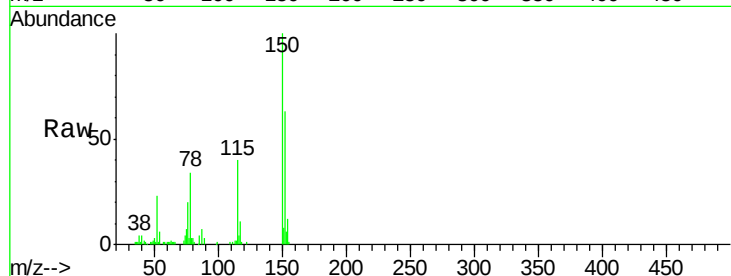
Tot Ion:152 Resp: 44305

Ion Ratio Lower Upper

152 100

150 158.3 126.6 189.8

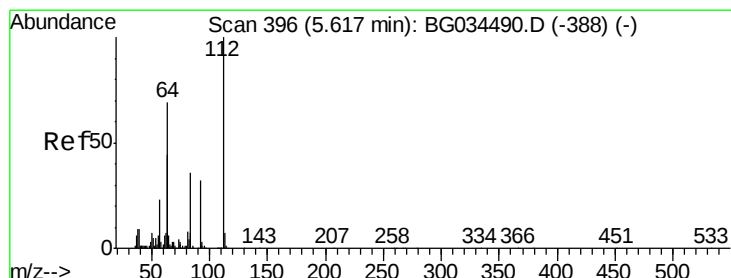
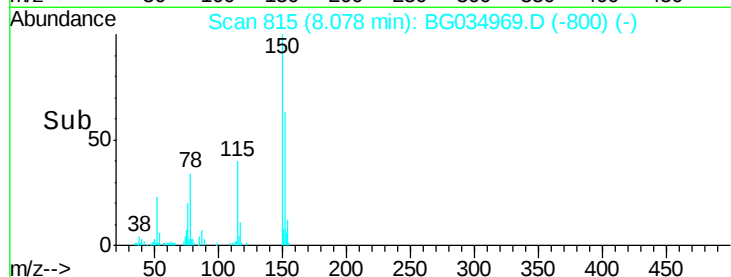
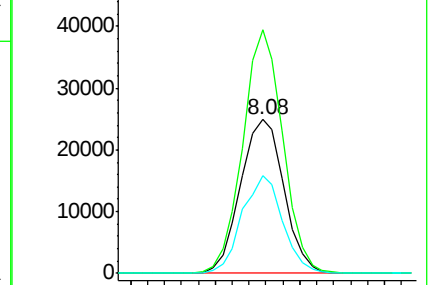
115 63.8 53.0 79.4



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: 114.15 ng

RT: 5.65 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG034969.D

Acq: 8 Jun 2018 1:52

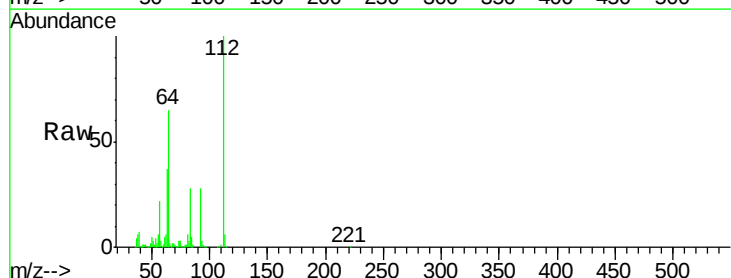
Tgt Ion:112 Resp: 299678

Ion Ratio Lower Upper

112 100

64 65.3 56.3 84.5

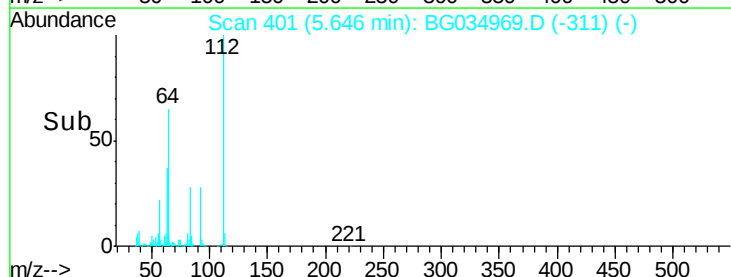
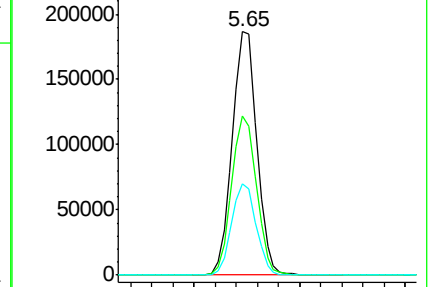
63 37.4 30.1 45.1



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: 113.32 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG034969.D

Acq: 8 Jun 2018 1:52

Instrument :

BNA_G

ClientSampleId :

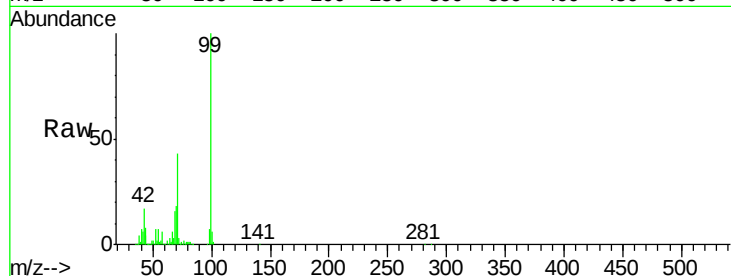
Tot Ion: 99 Resp: 439083

Ion Ratio Lower Upper

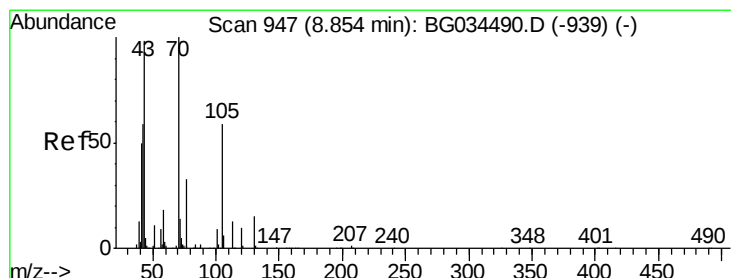
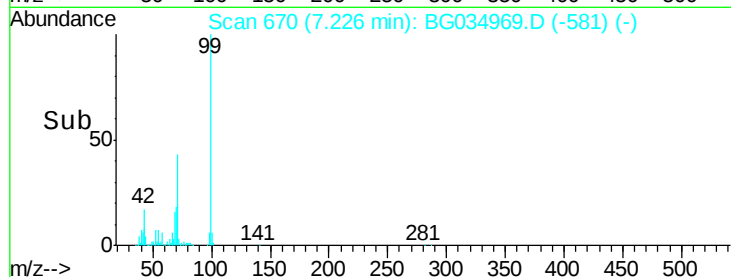
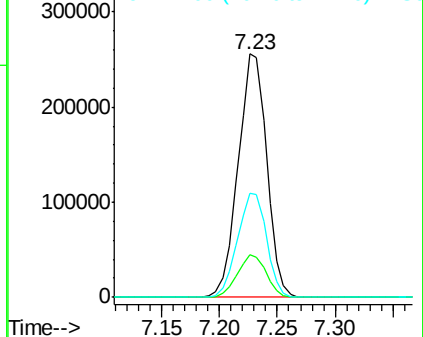
99 100

42 17.3 14.1 21.1

71 42.5 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: 11.82 ng

RT: 9.24 min Scan# 1012

Delta R.T. 0.34 min

Lab File: BG034969.D

Acq: 8 Jun 2018 1:52

Tgt Ion: 70 Resp: 38920

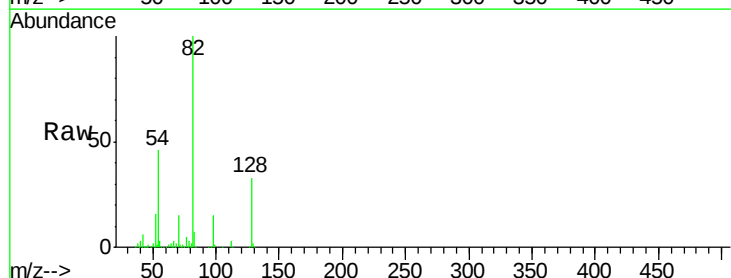
Ion Ratio Lower Upper

70 100

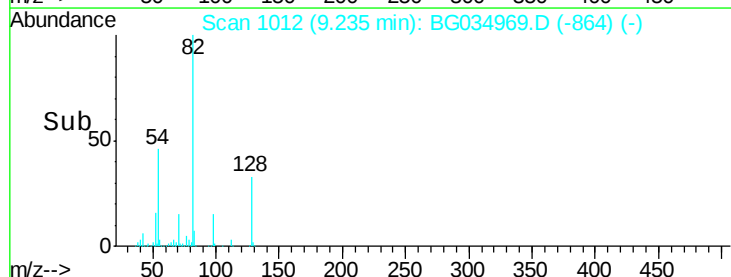
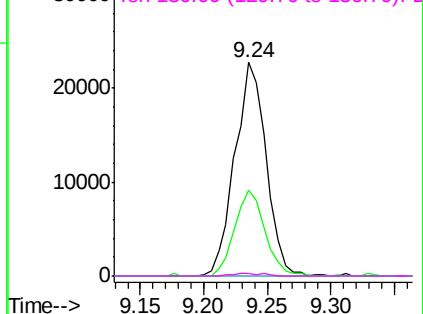
42 40.0 49.1 73.7#

101 0.0 8.5 12.7#

130 0.9 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

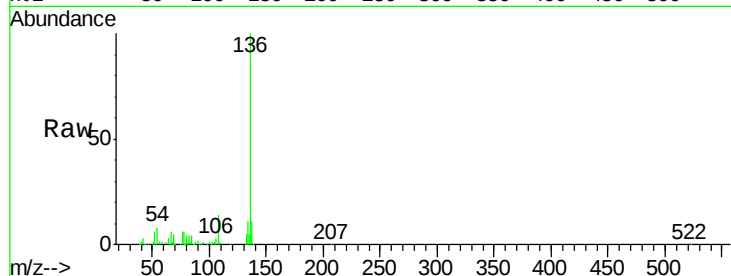




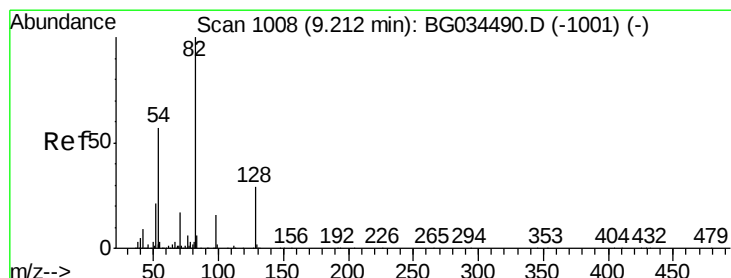
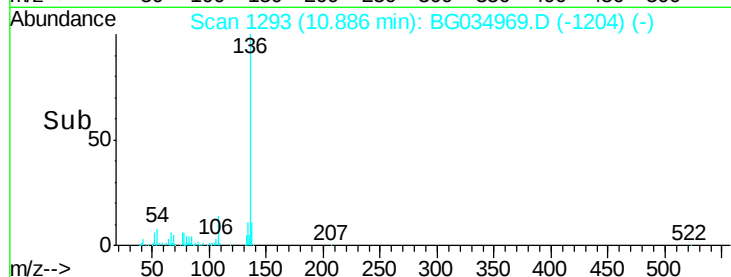
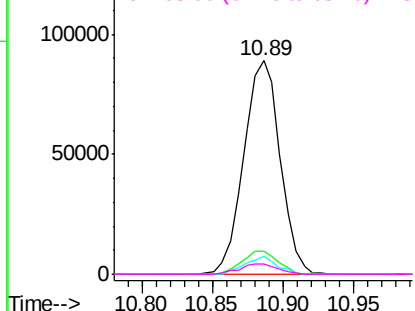
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG034969.D
Acq: 8 Jun 2018 1:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	160752
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	8.2	10.3	15.5
68	5.0	4.5	6.7

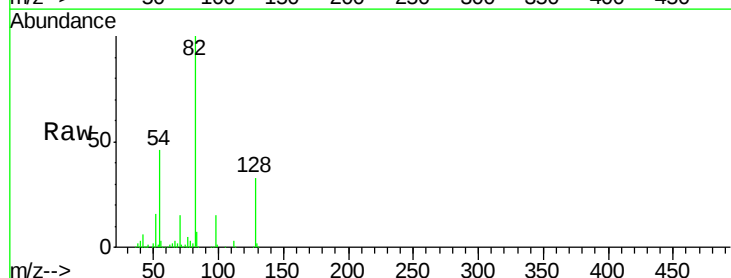


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

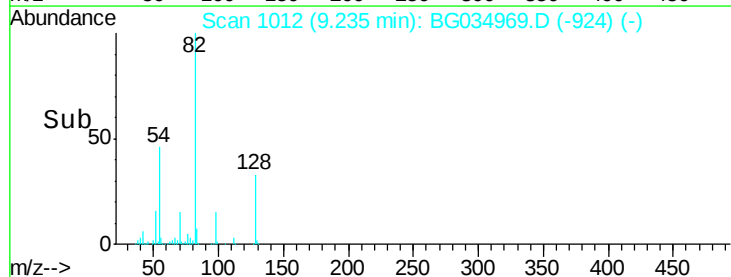
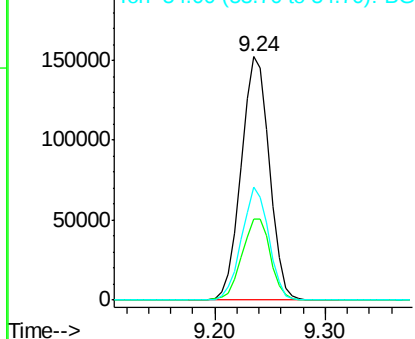


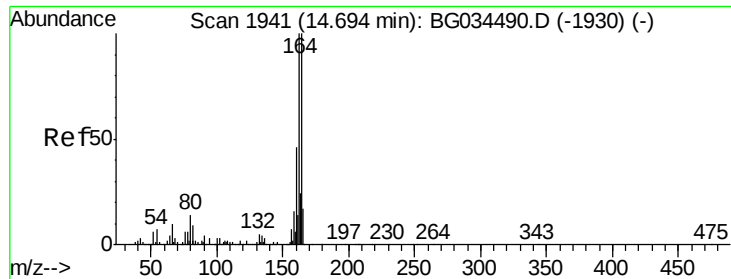
#23
Nitrobenzene-d5
Concen: 80.82 ng
RT: 9.24 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BG034969.D
Acq: 8 Jun 2018 1:52

Tgt Ion:	82	Resp:	273302
Ion	Ratio	Lower	Upper
82	100		
128	33.3	29.7	44.5
54	46.3	43.1	64.7



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.70 min Scan# 1942

Delta R.T. -0.01 min

Lab File: BG034969.D

Acq: 8 Jun 2018 1:52

Instrument :

BNA_G

ClientSampled :

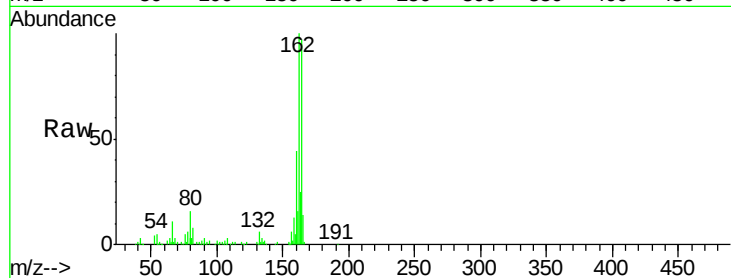
Tot Ion:164 Resp: 119418

Ion Ratio Lower Upper

164 100

162 103.1 78.8 118.2

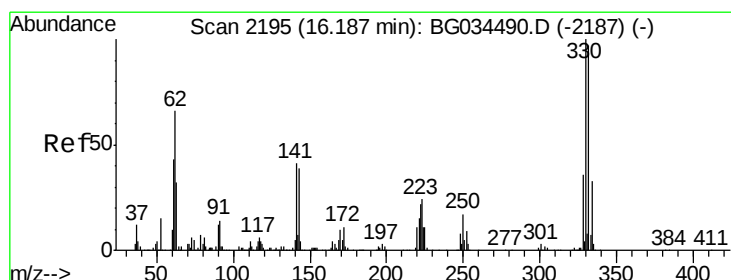
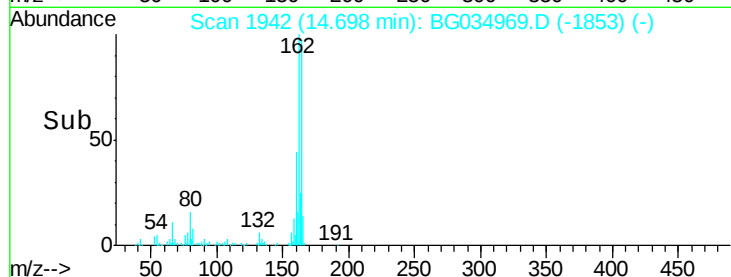
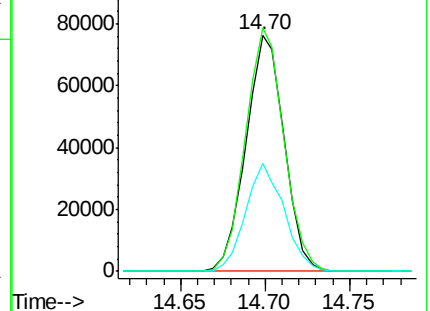
160 45.7 35.4 53.0



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: 130.25 ng

RT: 16.18 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BG034969.D

Acq: 8 Jun 2018 1:52

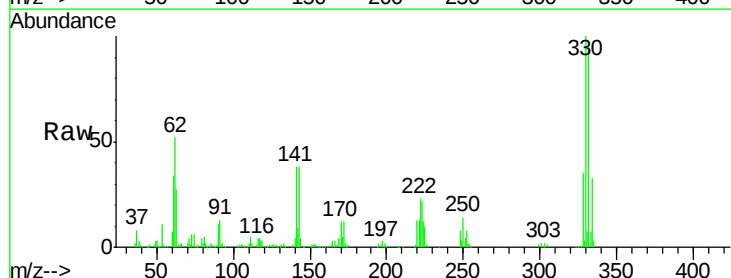
Tgt Ion:330 Resp: 199116

Ion Ratio Lower Upper

330 100

332 92.9 77.0 115.6

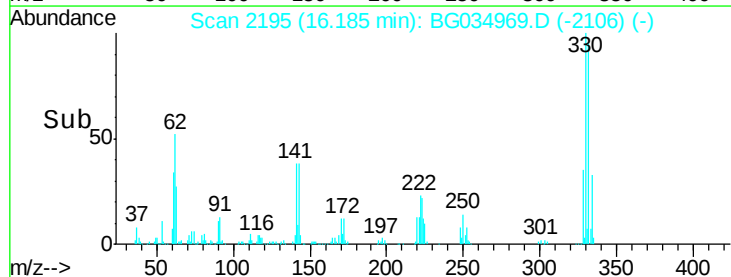
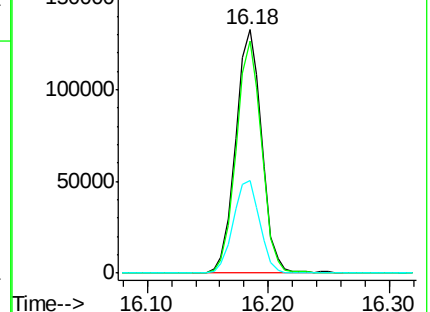
141 38.8 25.2 37.8#

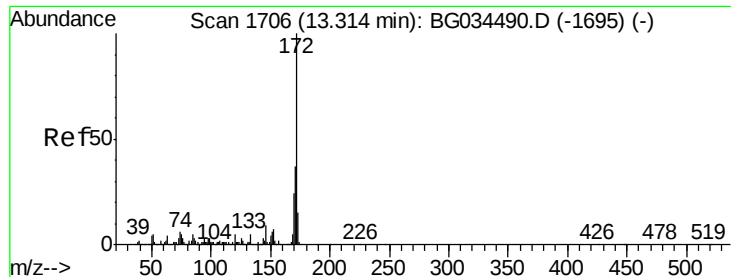


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

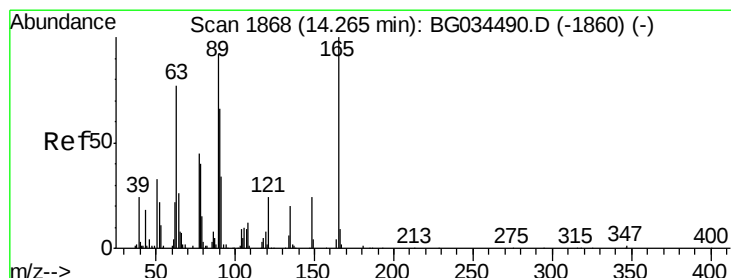
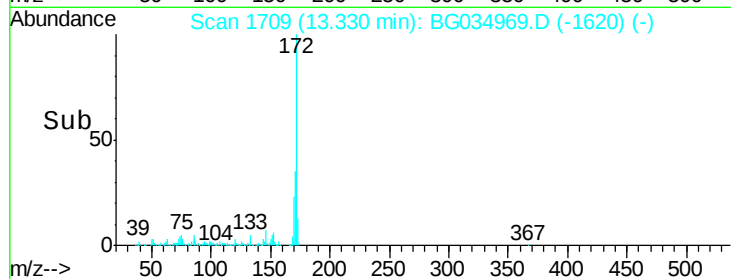
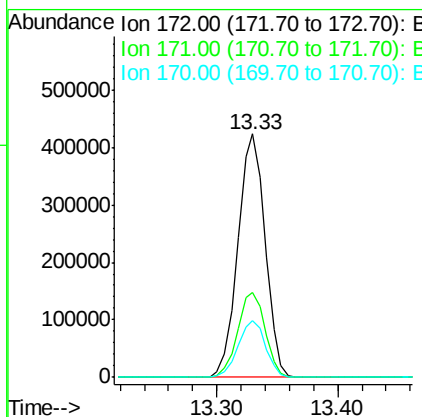
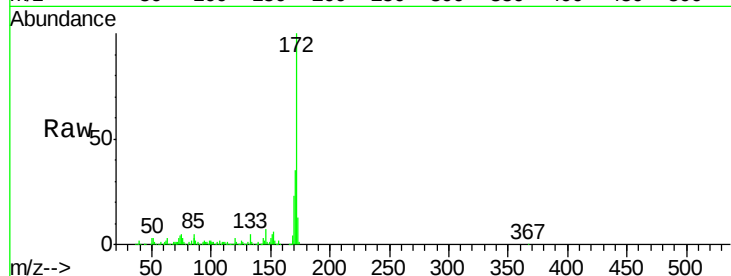




#44
2-Fluorobiphenyl
Concen: 72.39 ng
RT: 13.33 min Scan# 1709
Delta R.T. -0.01 min
Lab File: BG034969.D
Acq: 8 Jun 2018 1:52

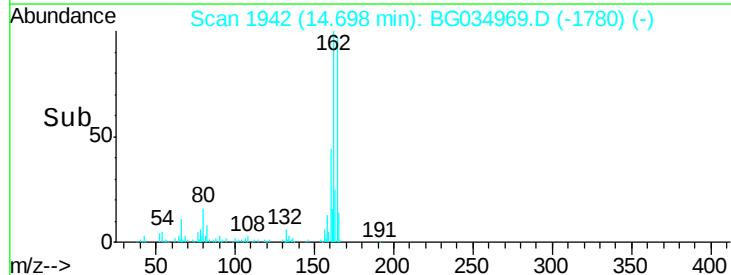
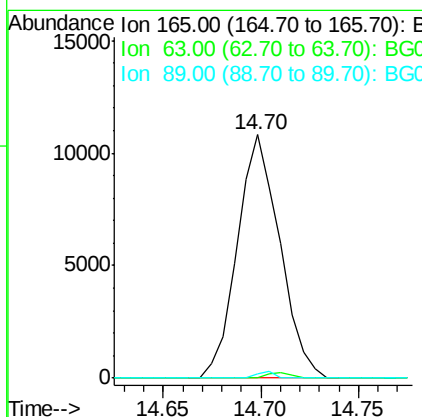
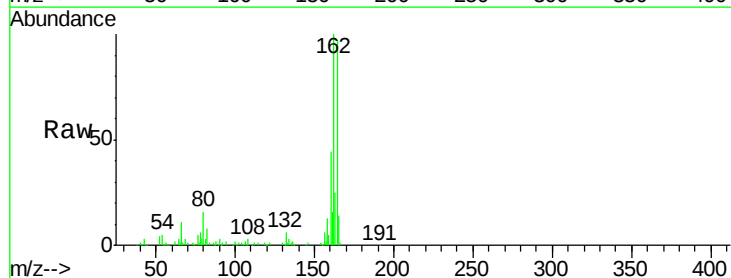
Instrument :
BNA_G
ClientSampled :

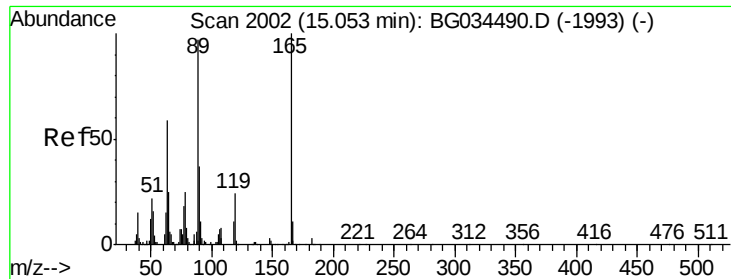
Tot Ion:172 Resp: 664972
Ion Ratio Lower Upper
172 100
171 34.7 30.0 45.0
170 23.5 19.5 29.3



#50
2,6-Dinitrotoluene
Concen: 8.56 ng
RT: 14.70 min Scan# 1942
Delta R.T. 0.42 min
Lab File: BG034969.D
Acq: 8 Jun 2018 1:52

Tgt Ion:165 Resp: 16263
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 1.9 49.2 73.8#

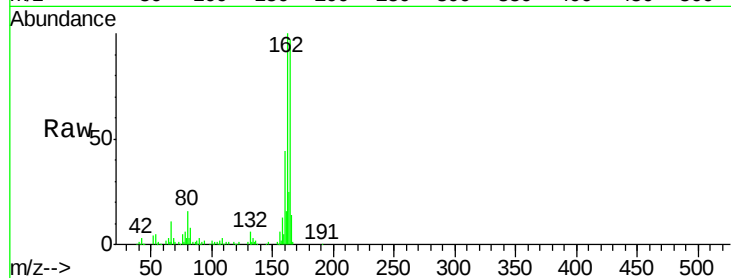




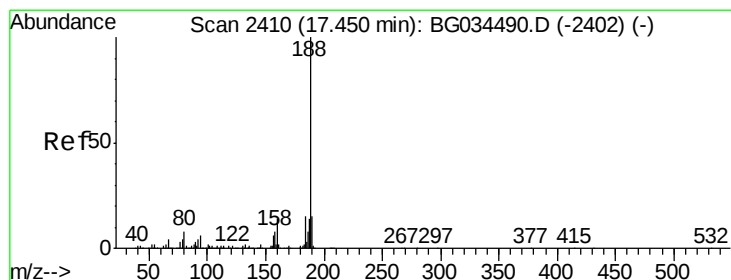
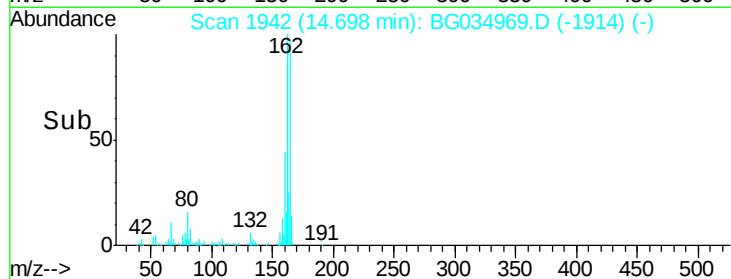
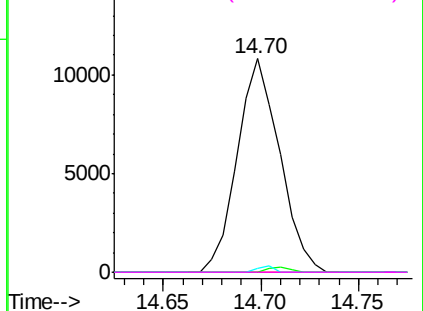
#56
2,4-Dinitrotoluene
Concen: 6.44 ng
RT: 14.70 min Scan# 1942
Delta R.T. -0.37 min
Lab File: BG034969.D
Acq: 8 Jun 2018 1:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 16263
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 1.9 66.9 100.3#
182 0.0 2.6 3.8#

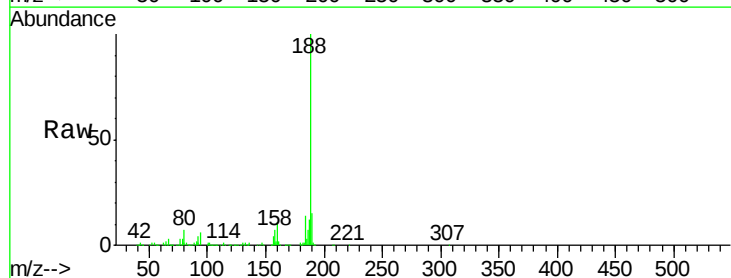


Abundance Ion 165.00 (164.70 to 165.70): E

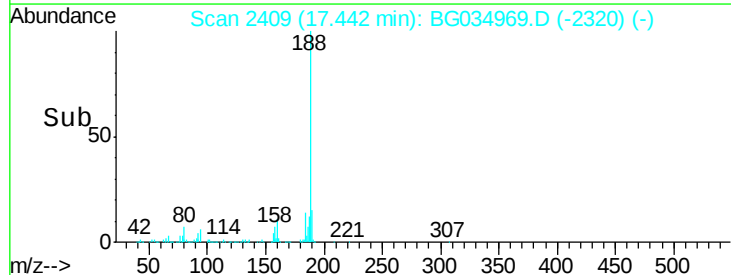
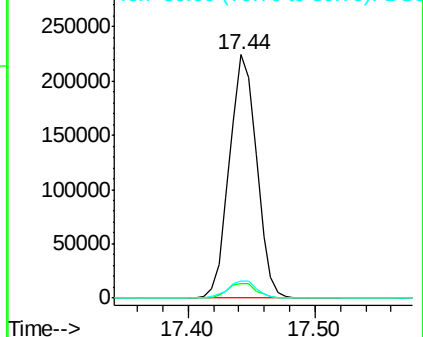


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.44 min Scan# 2409
Delta R.T. -0.01 min
Lab File: BG034969.D
Acq: 8 Jun 2018 1:52

Tgt Ion:188 Resp: 331161
Ion Ratio Lower Upper
188 100
94 6.0 6.9 10.3#
80 7.0 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

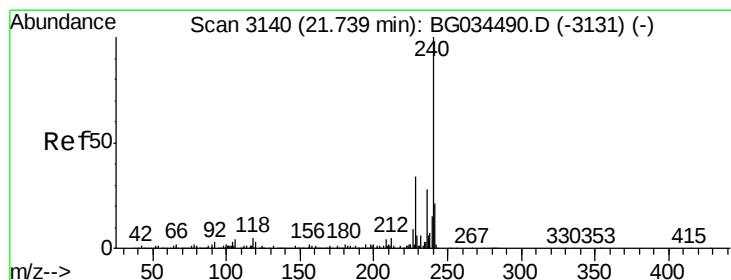
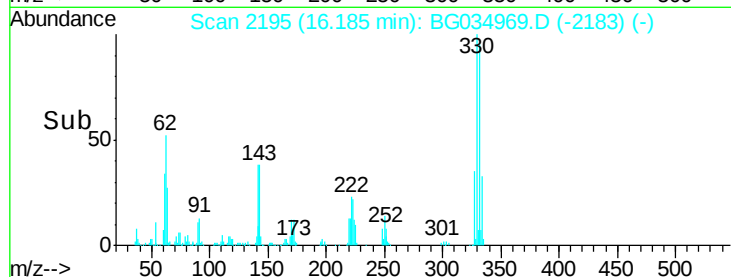
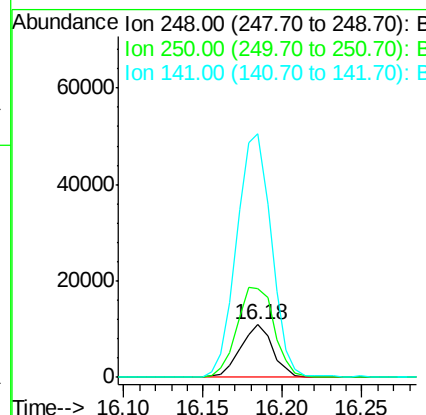
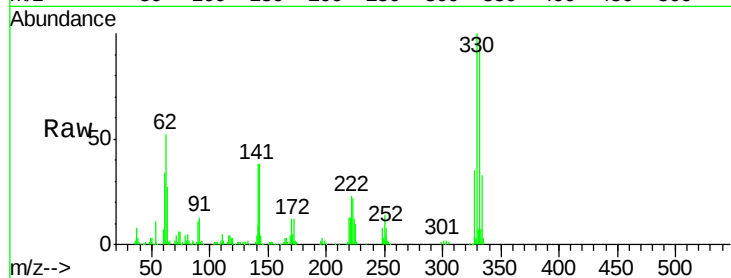




#66
4-Bromophenyl-phenylether
Concen: 3.91 ng
RT: 16.18 min Scan# 2195
Delta R.T. -0.46 min
Lab File: BG034969.D
Acq: 8 Jun 2018 1:52

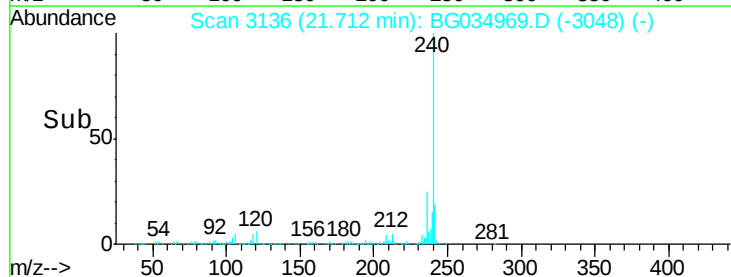
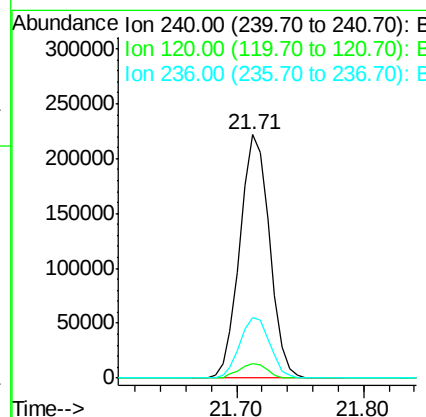
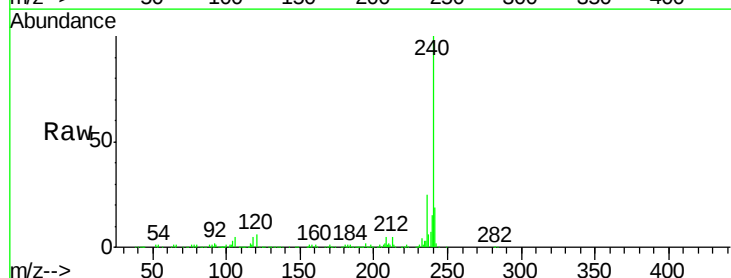
Instrument :
BNA_G
ClientSampleId :

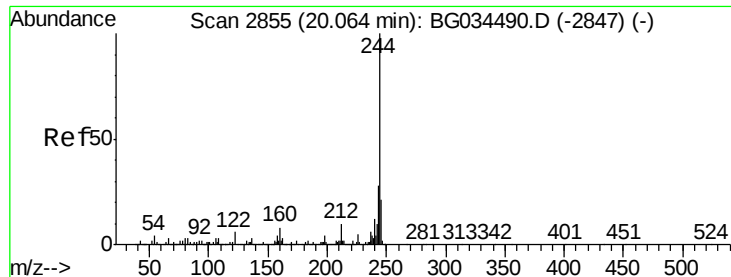
Tot Ion:248 Resp: 15608
Ion Ratio Lower Upper
248 100
250 169.1 77.1 115.7#
141 461.7 50.8 76.2#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.71 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BG034969.D
Acq: 8 Jun 2018 1:52

Tgt Ion:240 Resp: 359353
Ion Ratio Lower Upper
240 100
120 6.0 6.8 10.2#
236 25.1 20.9 31.3





#78

Terphenyl-d14

Concen: 75.36 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG034969.D

Acq: 8 Jun 2018 1:52

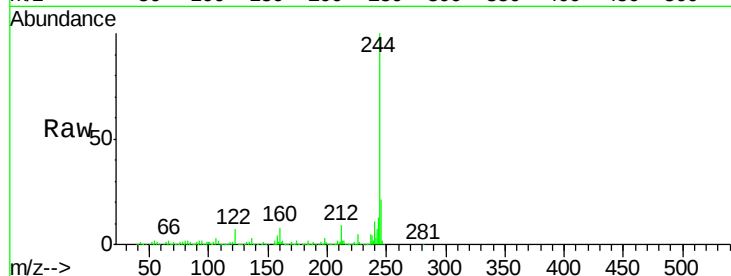
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1292907

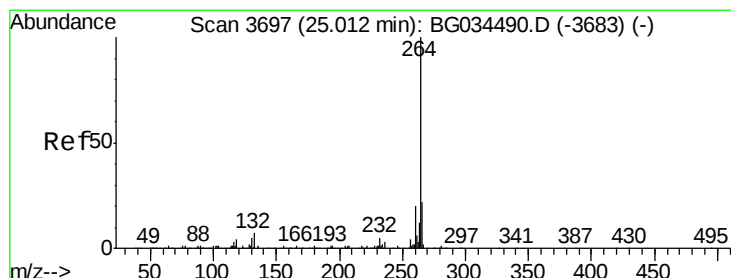
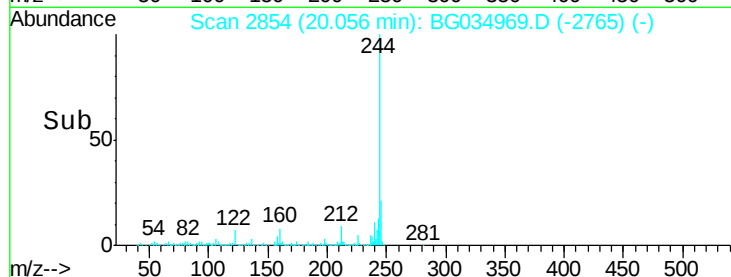
Ion	Ratio	Lower	Upper
244	100		
212	9.1	5.8	8.8#
122	6.8	7.0	10.4#



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

Perylene-d12

Concen: 20.00 ng

RT: 24.96 min Scan# 3689

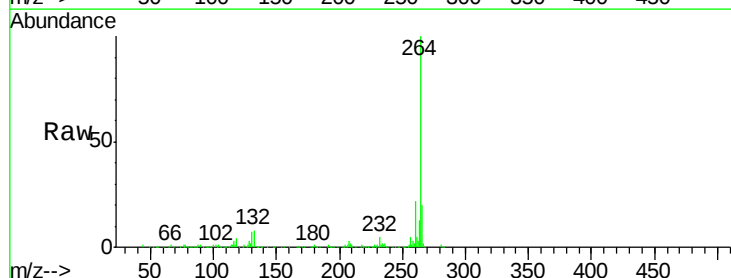
Delta R.T. -0.02 min

Lab File: BG034969.D

Acq: 8 Jun 2018 1:52

Tgt Ion:264 Resp: 345814

Ion	Ratio	Lower	Upper
264	100		
260	21.6	17.4	26.0
265	19.8	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

