

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060718\
 Data File : BG034965.D
 Acq On : 7 Jun 2018 23:16
 Operator : SJ/JU
 Sample : J3353-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 08 04:33:53 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

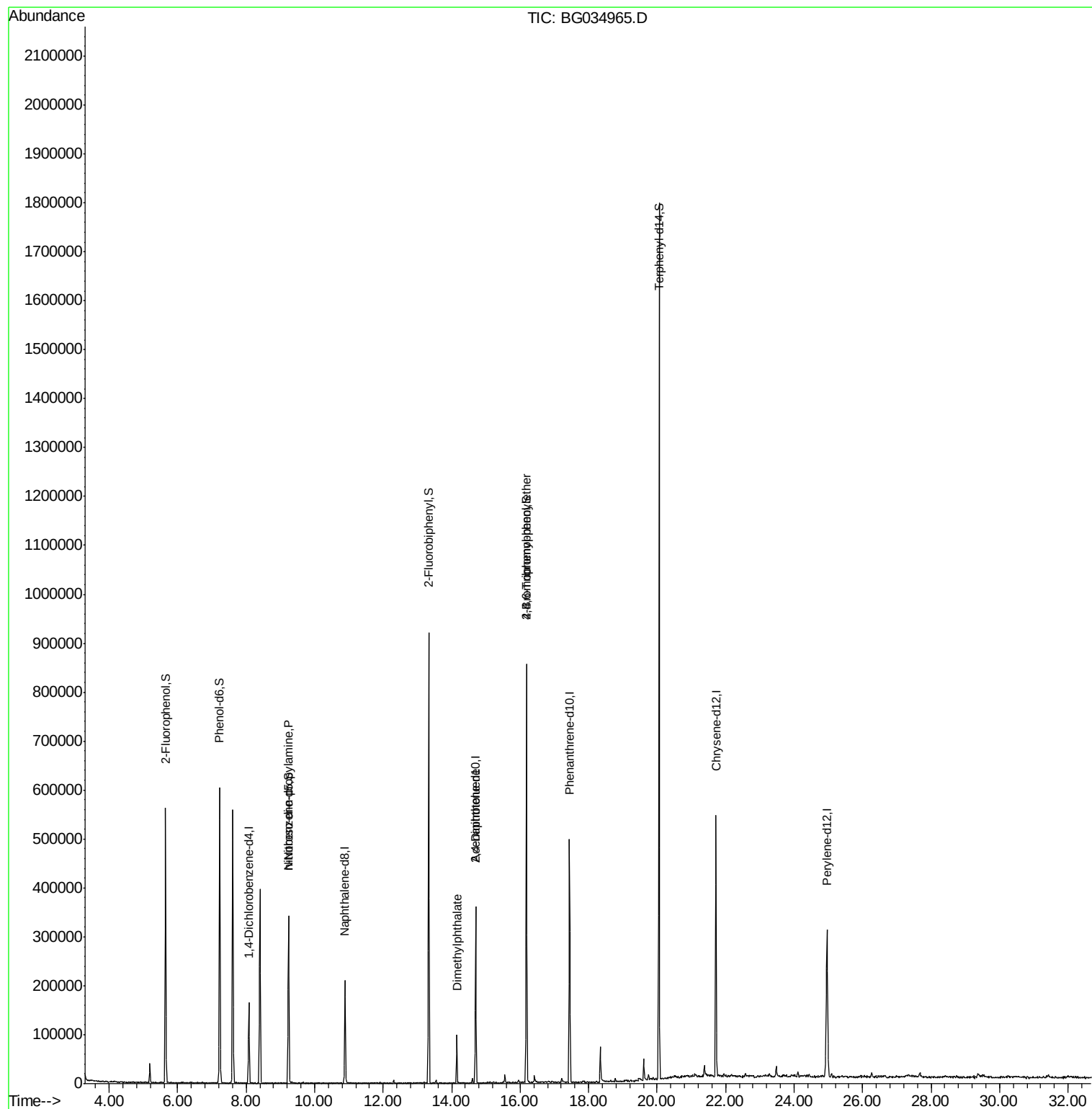
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	41823	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	166590	20.00	ng	0.00
38) Acenaphthene-d10	14.70	164	124119	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	311463	20.00	ng	0.00
75) Chrysene-d12	21.71	240	332317	20.00	ng	-0.01
86) Perylene-d12	24.96	264	330473	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	227552	91.82	ng	0.00
7) Phenol-d6	7.23	99	339424	92.80	ng	0.00
23) Nitrobenzene-d5	9.24	82	210771	60.14	ng	-0.01
41) 2,4,6-Tribromophenol	16.19	330	148854	93.68	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	482957	50.58	ng	0.00
78) Terphenyl-d14	20.06	244	823058	51.88	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.24	70	29915	9.63	ng	# 77
49) Dimethylphthalate	14.15	163	59695	5.52	ng	98
56) 2,4-Dinitrotoluene	14.70	165	17079	6.51	ng	# 17
66) 4-Bromophenyl-phenylether	16.19	248	11352	3.03	ng	# 1

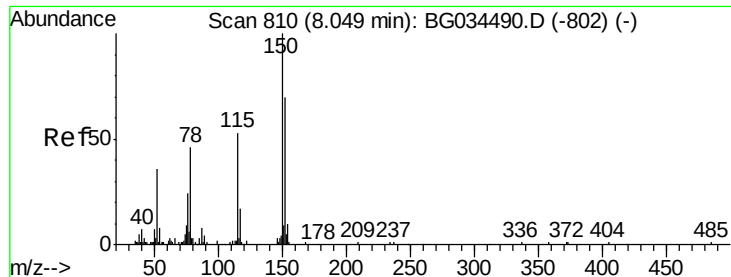
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG034965.D

Acq: 7 Jun 2018 23:16

Instrument :

BNA_G

ClientSampled :

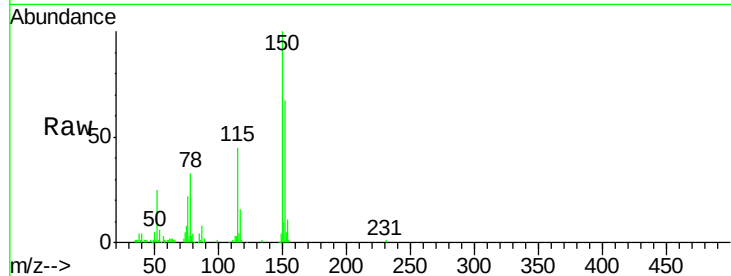
Tot Ion:152 Resp: 41823

Ion Ratio Lower Upper

152 100

150 149.7 126.6 189.8

115 67.3 53.0 79.4

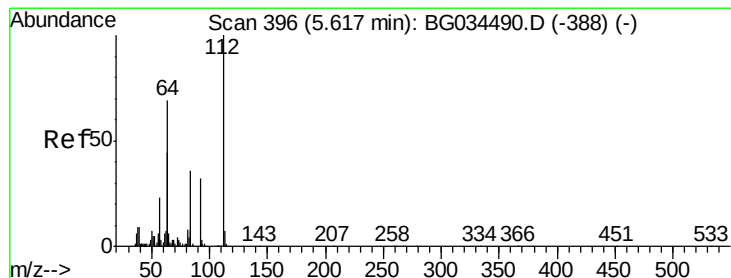
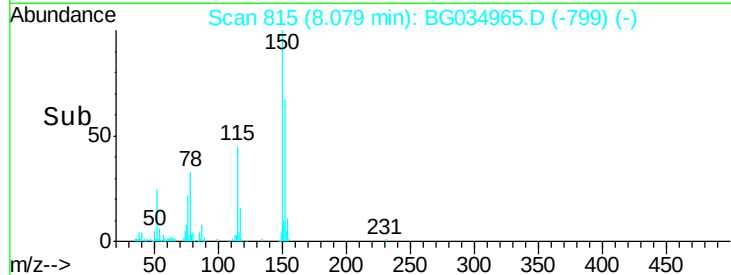
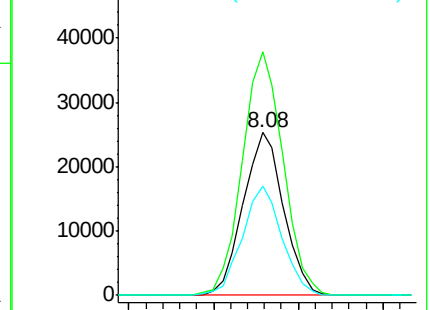


Abundance

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: 91.82 ng

RT: 5.65 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG034965.D

Acq: 7 Jun 2018 23:16

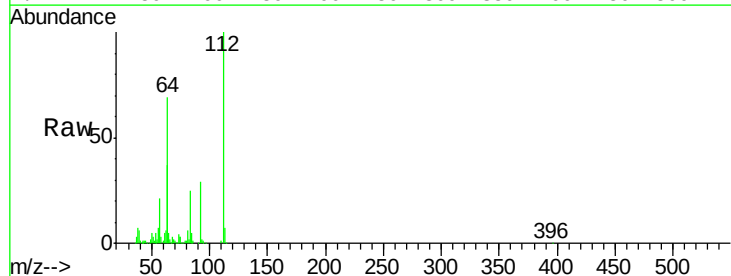
Tgt Ion:112 Resp: 227552

Ion Ratio Lower Upper

112 100

64 69.4 56.3 84.5

63 37.4 30.1 45.1

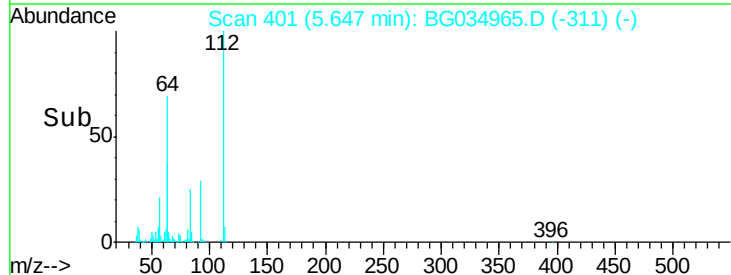
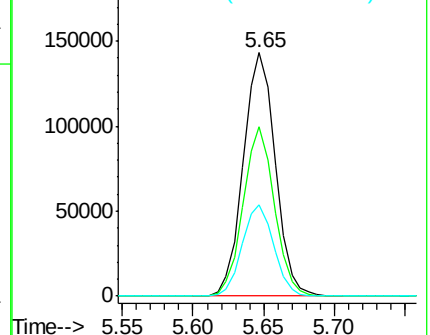


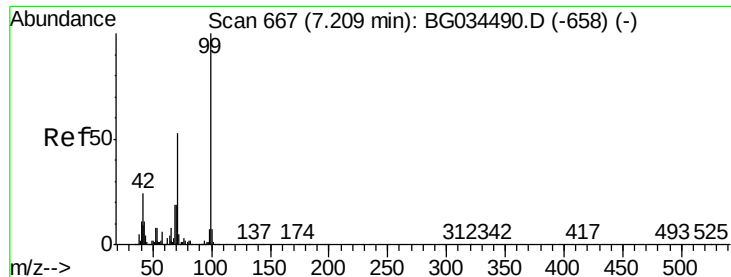
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 92.80 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG034965.D

Acq: 7 Jun 2018 23:16

Instrument :

BNA_G

ClientSampled :

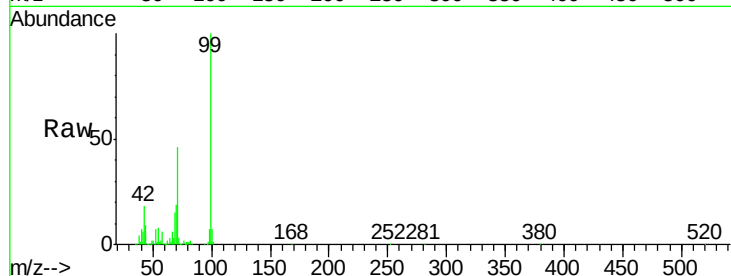
Tot Ion: 99 Resp: 339424

Ion Ratio Lower Upper

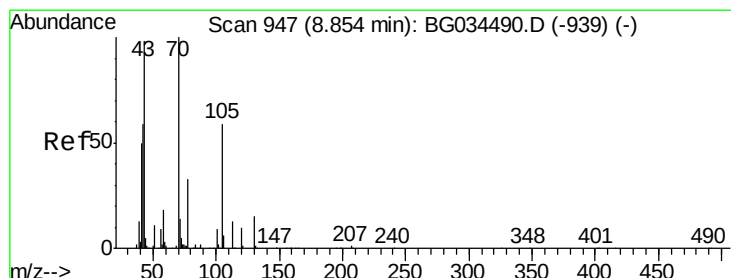
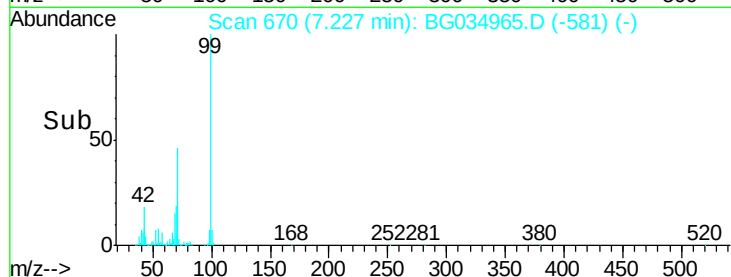
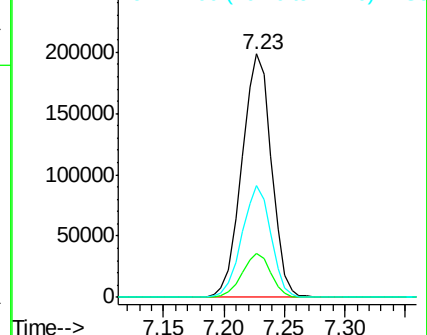
99 100

42 18.0 14.1 21.1

71 45.9 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: 9.63 ng

RT: 9.24 min Scan# 1012

Delta R.T. 0.34 min

Lab File: BG034965.D

Acq: 7 Jun 2018 23:16

Tgt Ion: 70 Resp: 29915

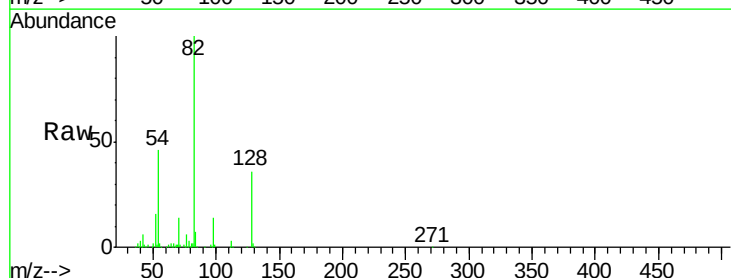
Ion Ratio Lower Upper

70 100

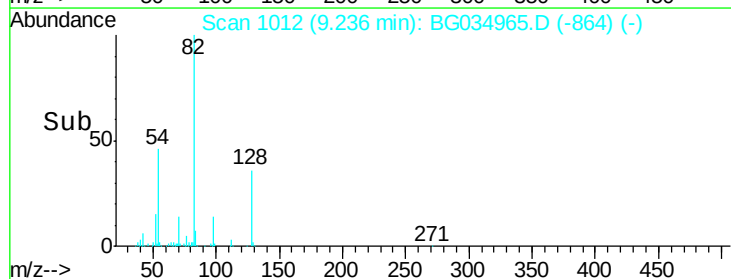
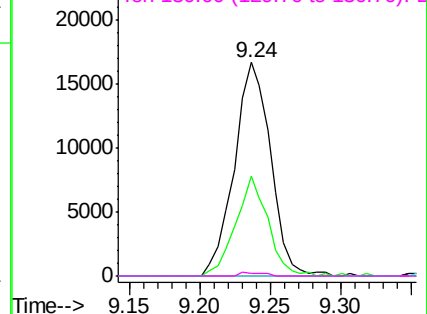
42 46.7 49.1 73.7#

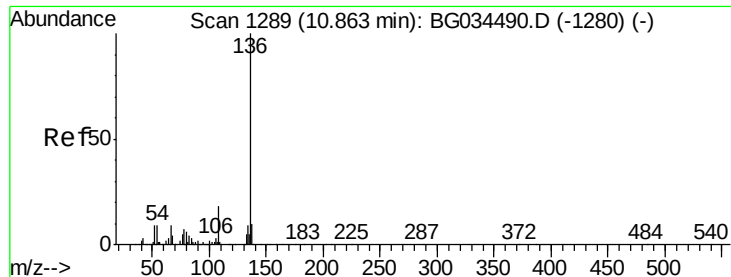
101 0.0 8.5 12.7#

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

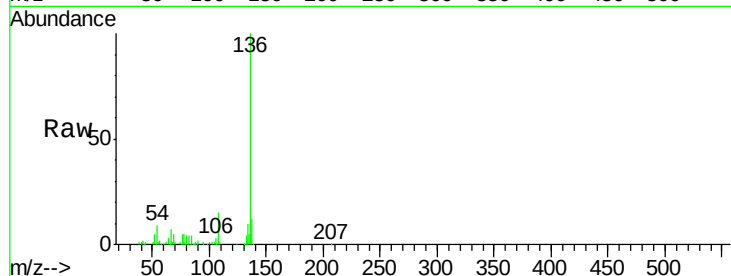




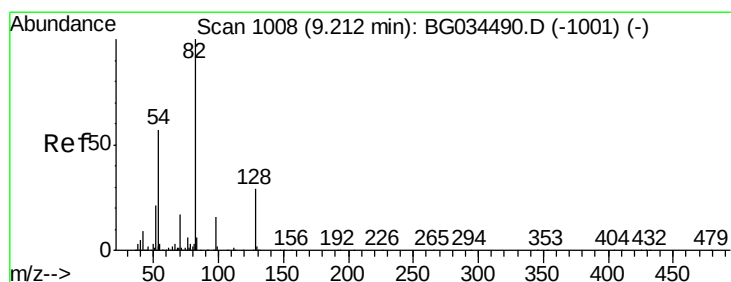
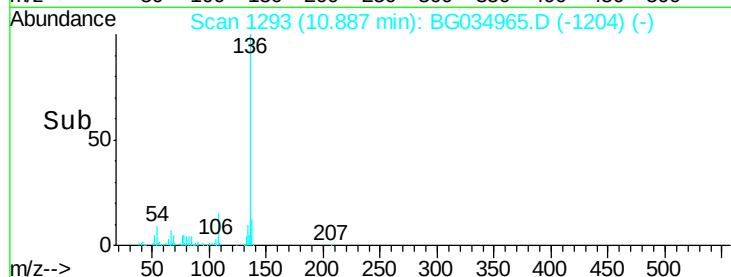
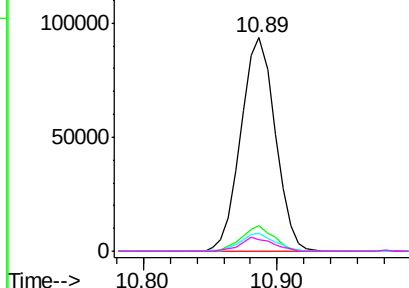
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG034965.D
Acq: 7 Jun 2018 23:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	166590
Ion Ratio	Lower	Upper
136	100	
137	12.3	9.2 13.8
54	8.7	10.3 15.5
68	5.3	4.5 6.7

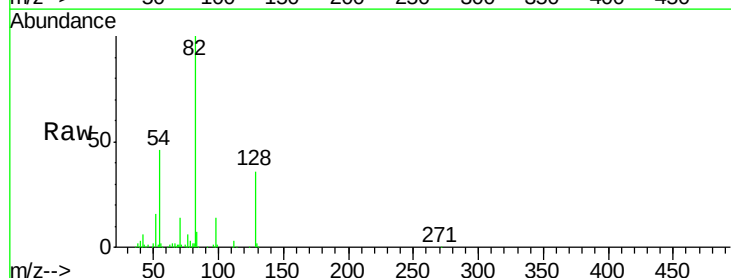


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

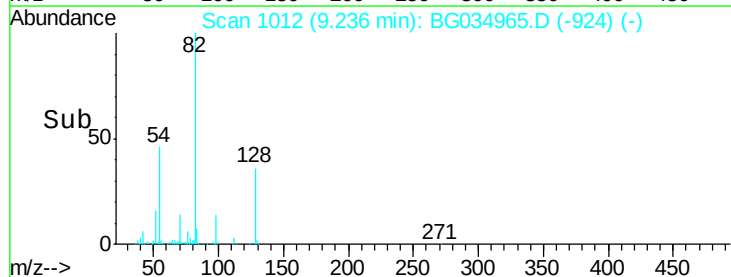
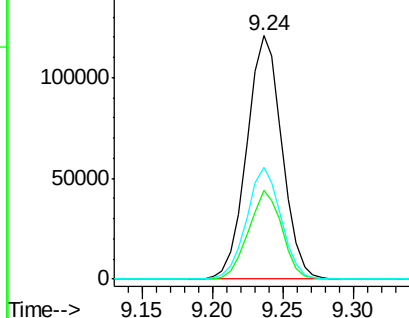


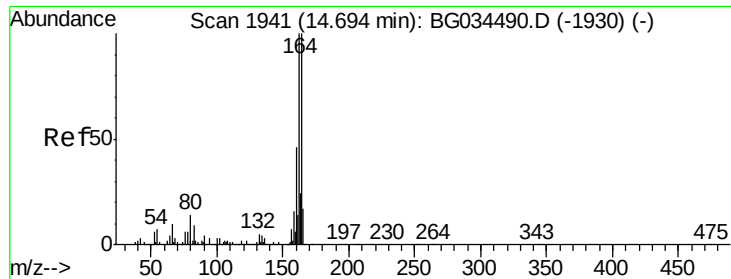
#23
Nitrobenzene-d5
Concen: 60.14 ng
RT: 9.24 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BG034965.D
Acq: 7 Jun 2018 23:16

Tgt Ion: 82	Resp:	210771
Ion Ratio	Lower	Upper
82	100	
128	36.4	29.7 44.5
54	46.1	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

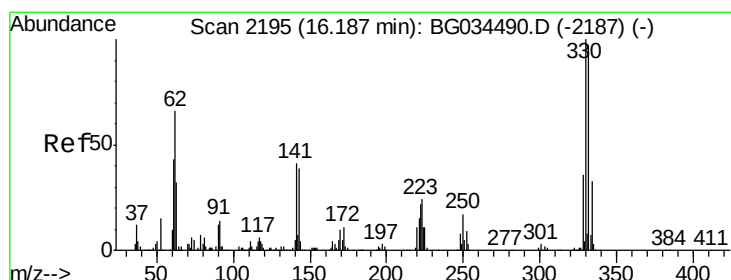
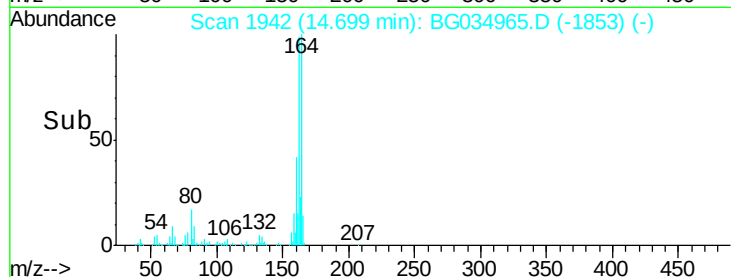
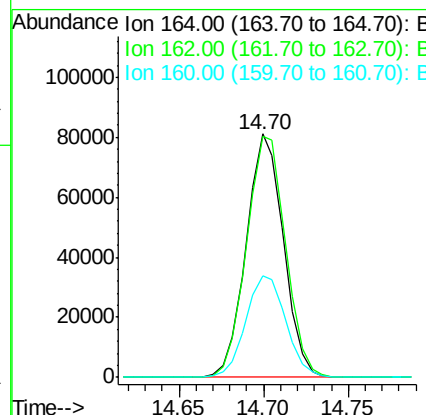
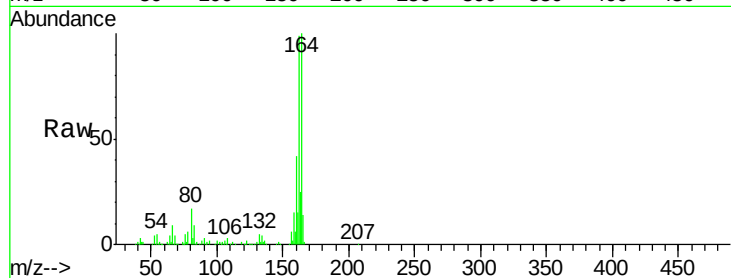




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.70 min Scan# 1942
Delta R.T. -0.01 min
Lab File: BG034965.D
Acq: 7 Jun 2018 23:16

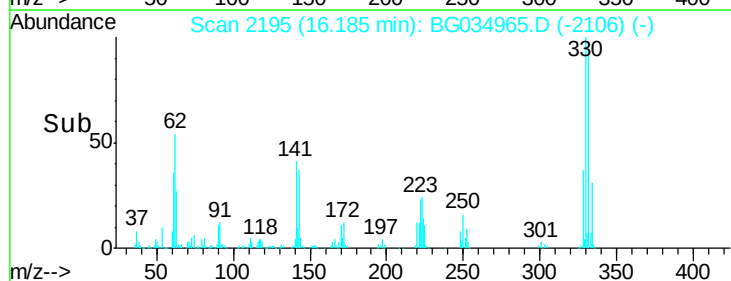
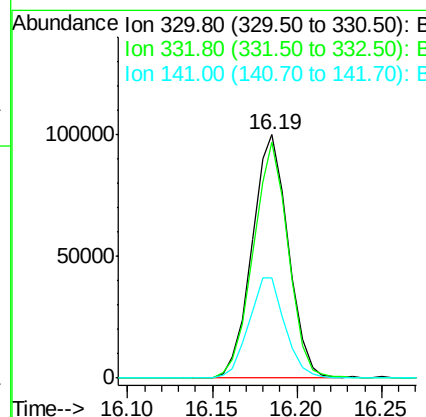
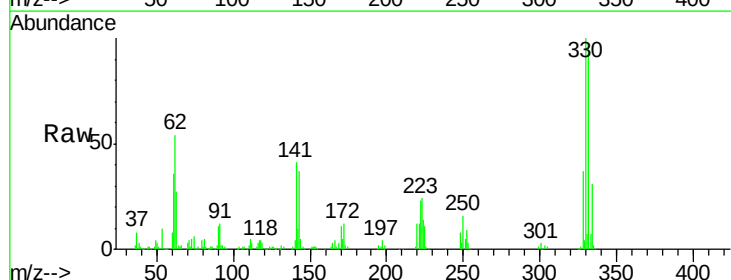
Instrument :
BNA_G
ClientSampled :

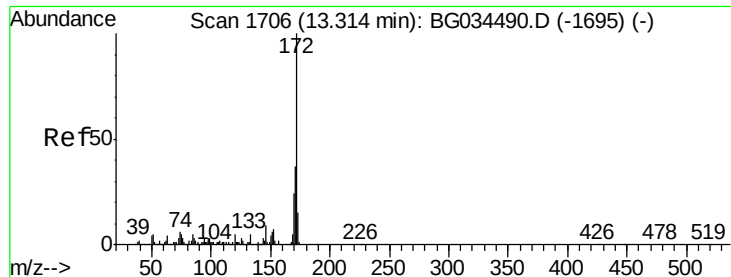
Tot Ion:164 Resp: 124119
Ion Ratio Lower Upper
164 100
162 98.9 78.8 118.2
160 41.6 35.4 53.0



#41
2,4,6-Tribromophenol
Concen: 93.68 ng
RT: 16.19 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BG034965.D
Acq: 7 Jun 2018 23:16

Tgt Ion:330 Resp: 148854
Ion Ratio Lower Upper
330 100
332 93.8 77.0 115.6
141 41.2 25.2 37.8#

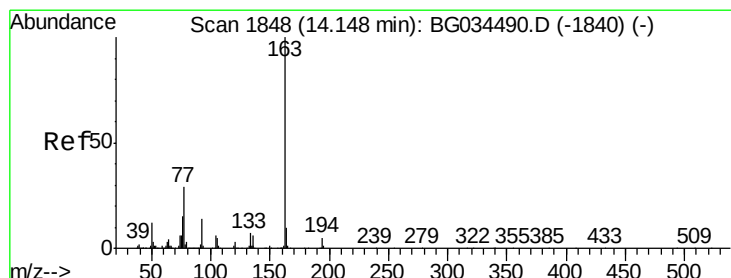
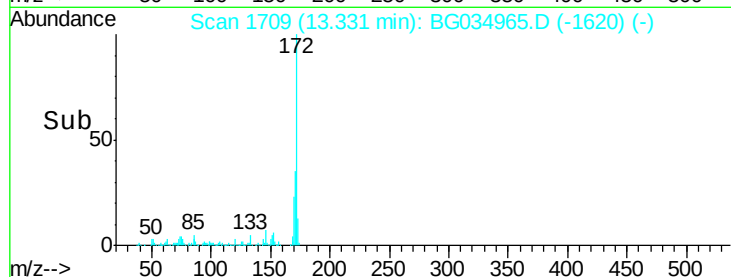
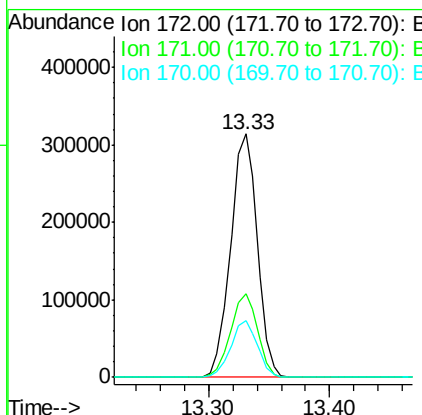
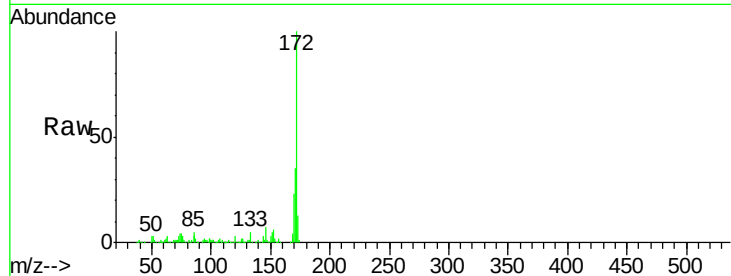




#44
2-Fluorobiphenyl
Concen: 50.58 ng
RT: 13.33 min Scan# 1709
Delta R.T. -0.01 min
Lab File: BG034965.D
Acq: 7 Jun 2018 23:16

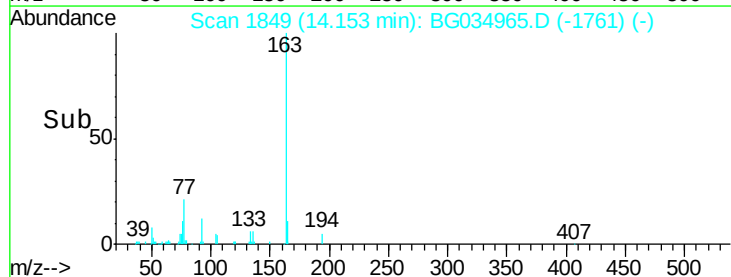
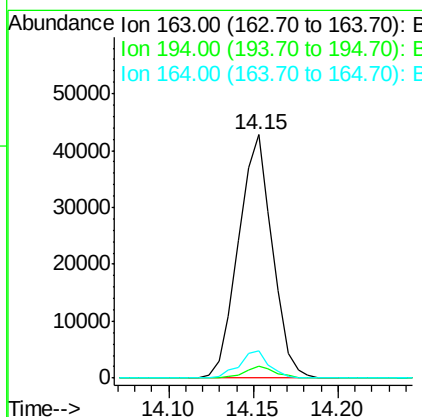
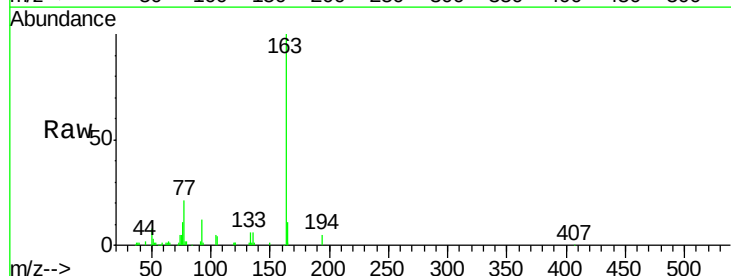
Instrument :
BNA_G
ClientSampleId :

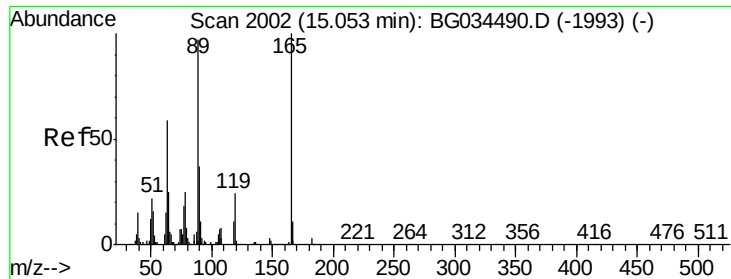
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.6	30.0	45.0
170	23.1	19.5	29.3



#49
Dimethylphthalate
Concen: 5.52 ng
RT: 14.15 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BG034965.D
Acq: 7 Jun 2018 23:16

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.4	5.2
164	11.2	8.2	12.4

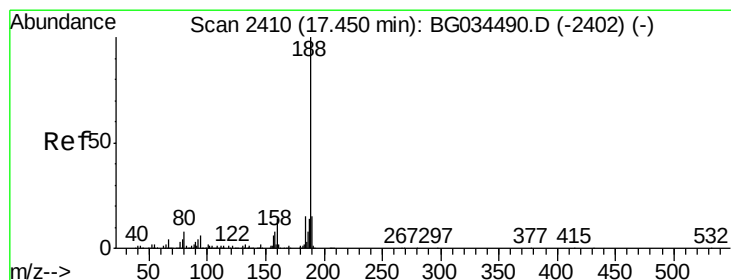
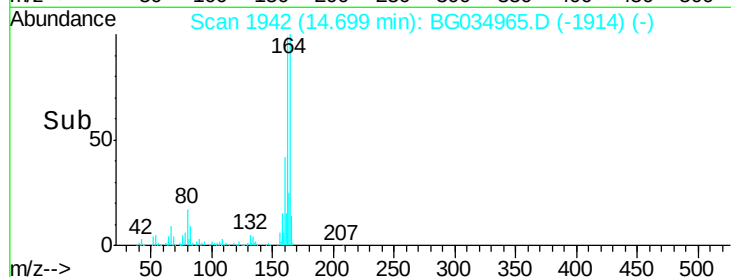
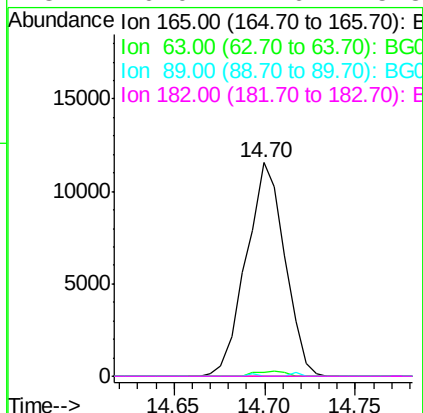
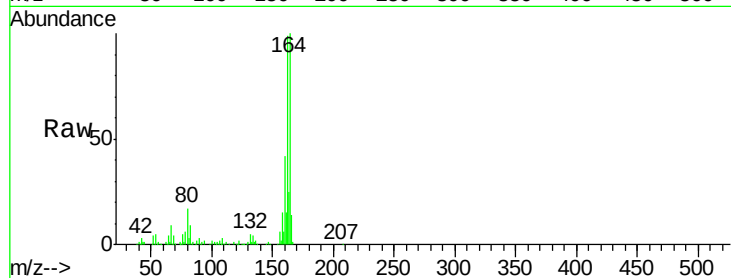




#56
2,4-Dinitrotoluene
Concen: 6.51 ng
RT: 14.70 min Scan# 1942
Delta R.T. -0.37 min
Lab File: BG034965.D
Acq: 7 Jun 2018 23:16

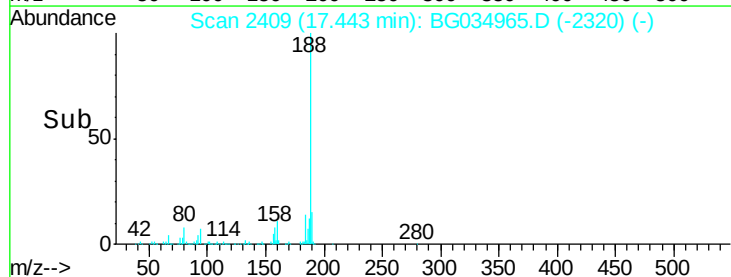
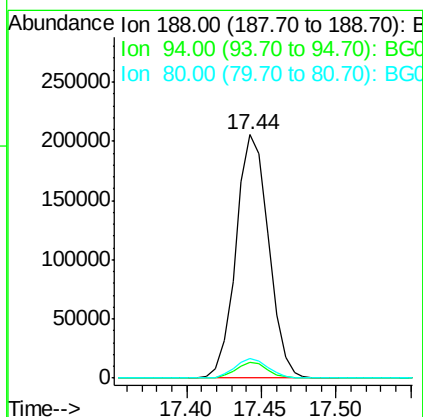
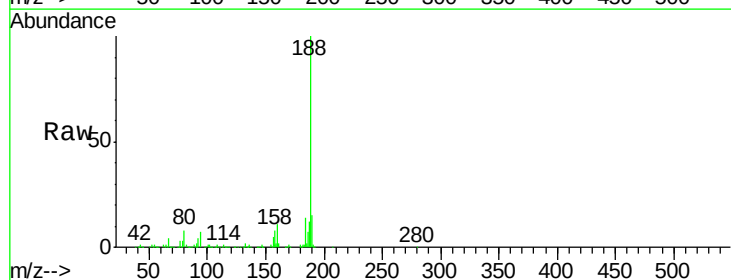
Instrument :
BNA_G
ClientSampleId :

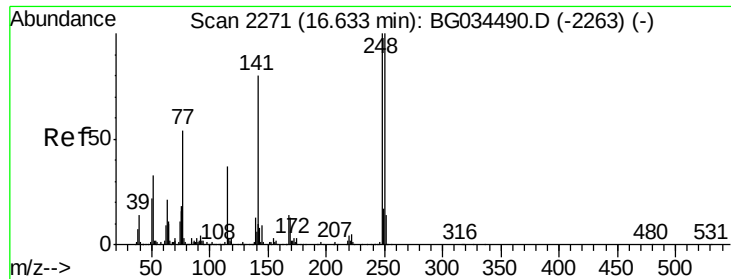
Tot Ion:165 Resp: 17079
Ion Ratio Lower Upper
165 100
63 1.7 42.0 63.0#
89 0.0 66.9 100.3#
182 0.0 2.6 3.8#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.44 min Scan# 2409
Delta R.T. -0.01 min
Lab File: BG034965.D
Acq: 7 Jun 2018 23:16

Tgt Ion:188 Resp: 311463
Ion Ratio Lower Upper
188 100
94 6.5 6.9 10.3#
80 7.9 7.7 11.5

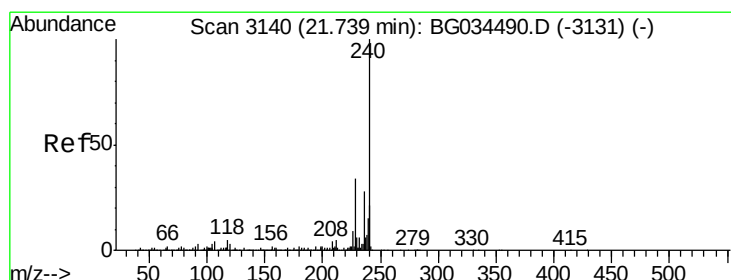
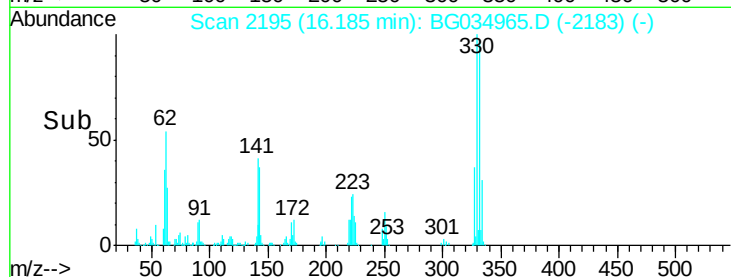
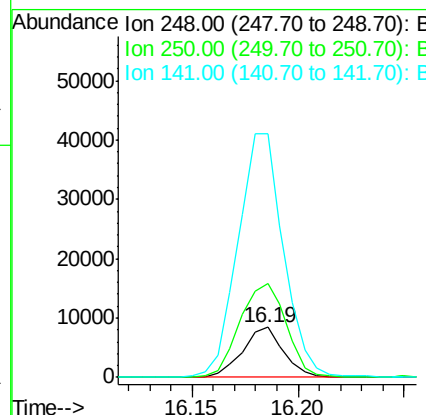
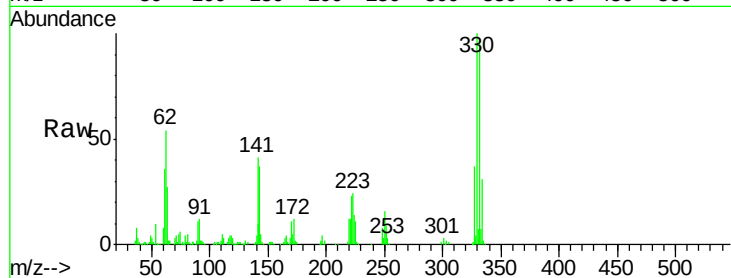




#66
4-Bromophenyl-phenylether
Concen: 3.03 ng
RT: 16.19 min Scan# 2195
Delta R.T. -0.46 min
Lab File: BG034965.D
Acq: 7 Jun 2018 23:16

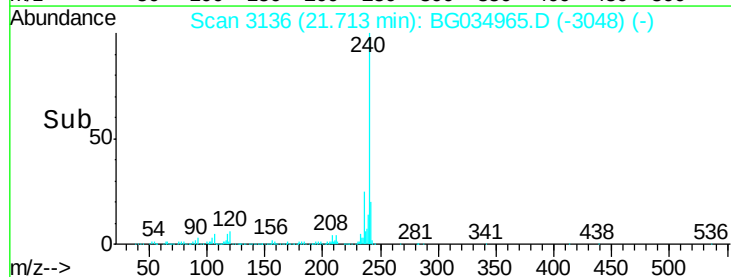
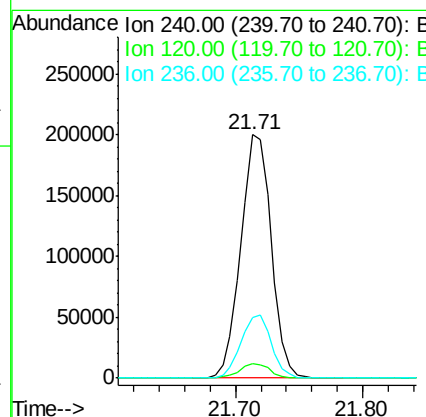
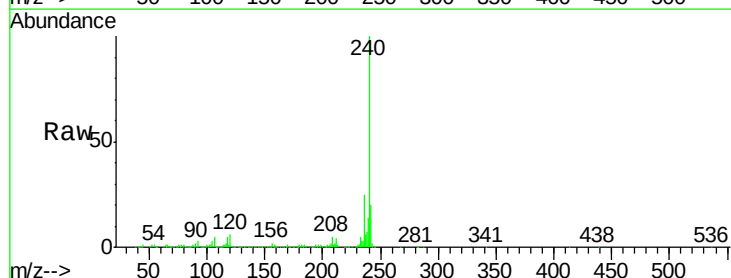
Instrument :
BNA_G
ClientSampleId :

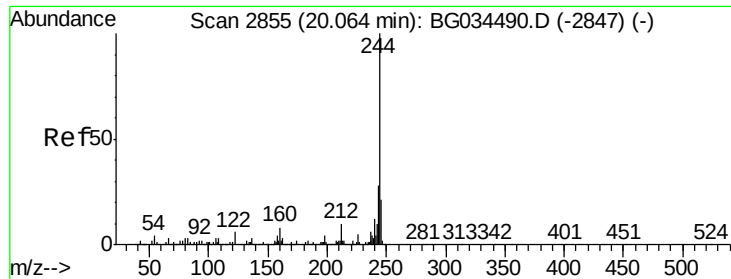
Tot Ion:248 Resp: 11352
Ion Ratio Lower Upper
248 100
250 186.3 77.1 115.7#
141 484.5 50.8 76.2#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.71 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BG034965.D
Acq: 7 Jun 2018 23:16

Tgt Ion:240 Resp: 332317
Ion Ratio Lower Upper
240 100
120 5.9 6.8 10.2#
236 25.1 20.9 31.3





#78

Terphenyl-d14

Concen: 51.88 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG034965.D

Acq: 7 Jun 2018 23:16

Instrument :

BNA_G

ClientSampleId :

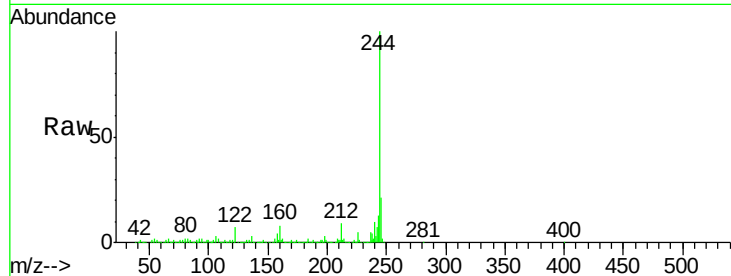
Tot Ion:244 Resp: 823058

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

122 6.9 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

20.06

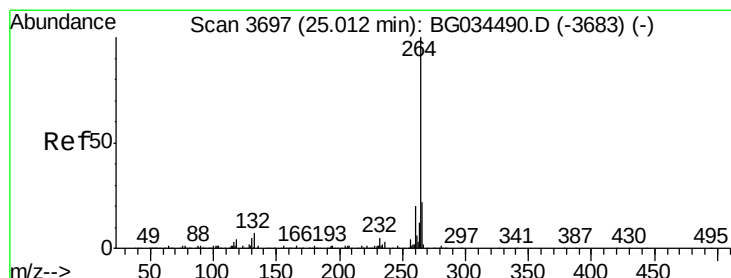
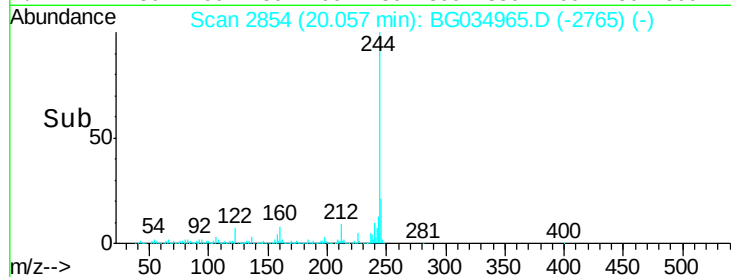
600000

400000

200000

0

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.96 min Scan# 3689

Delta R.T. -0.02 min

Lab File: BG034965.D

Acq: 7 Jun 2018 23:16

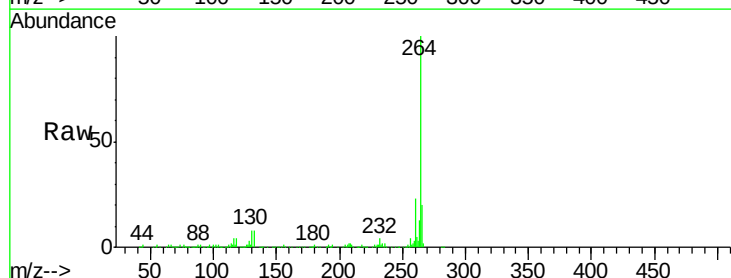
Tgt Ion:264 Resp: 330473

Ion Ratio Lower Upper

264 100

260 22.5 17.4 26.0

265 20.4 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

24.96

150000

100000

50000

0

Time-->

