

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060718\
 Data File : BG034981.D
 Acq On : 8 Jun 2018 10:23
 Operator : SJ/JU
 Sample : J3352-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 08 12:27:22 2018
 Quant Method : Z:\SVOASRV\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

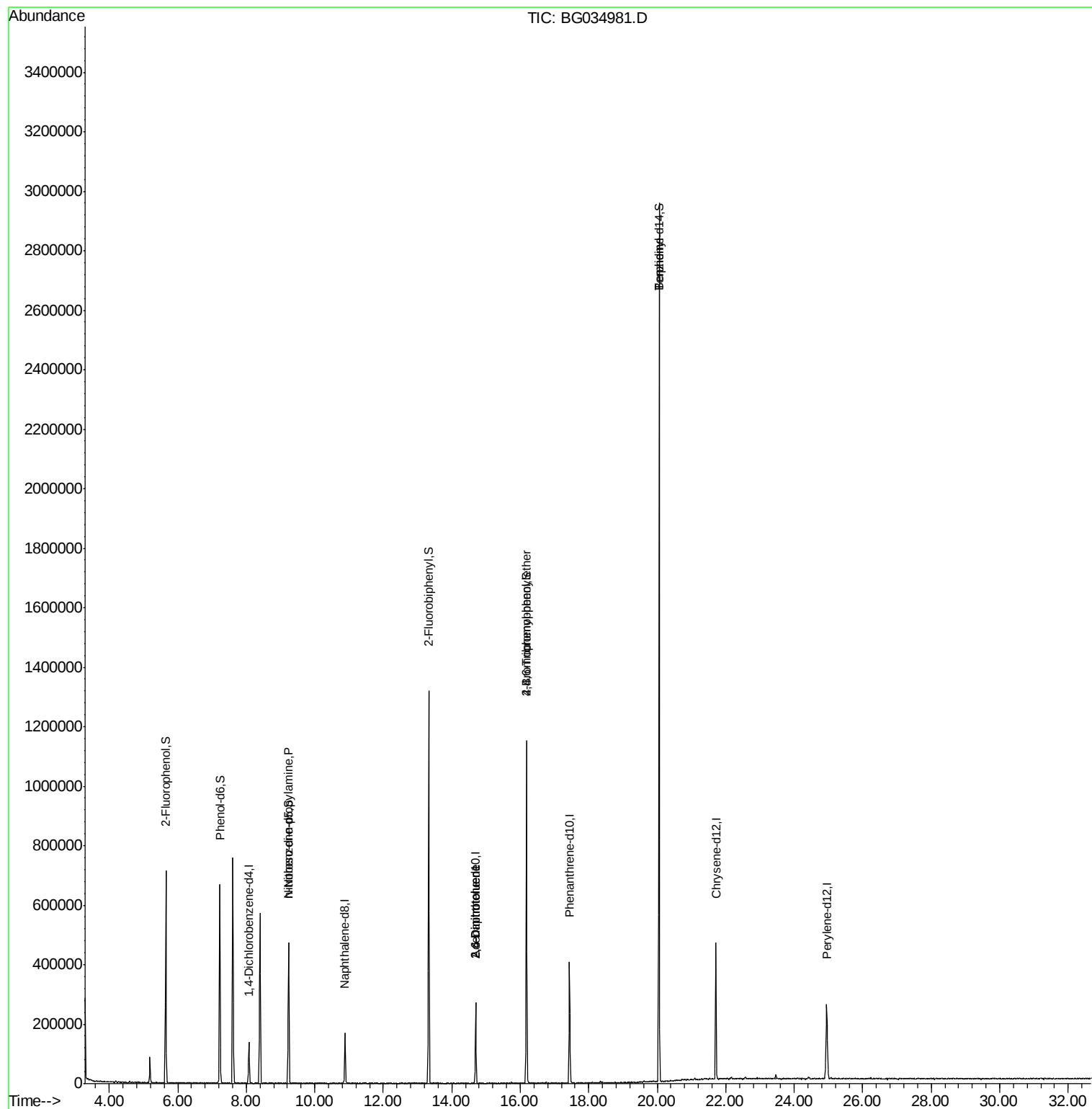
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	38815	20.00	ng	-0.01
21) Naphthalene-d8	10.88	136	136871	20.00	ng	-0.01
38) Acenaphthene-d10	14.70	164	93915	20.00	ng	-0.01
63) Phenanthrene-d10	17.44	188	249875	20.00	ng	-0.01
75) Chrysene-d12	21.71	240	287917	20.00	ng	-0.02
86) Perylene-d12	24.95	264	272330	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	290166	126.16	ng	0.00
7) Phenol-d6	7.23	99	385771	113.64	ng	0.00
23) Nitrobenzene-d5	9.23	82	305816	106.21	ng	-0.02
41) 2,4,6-Tribromophenol	16.18	330	196580	163.51	ng	-0.01
44) 2-Fluorobiphenyl	13.33	172	687657	95.19	ng	-0.01
78) Terphenyl-d14	20.05	244	1349254	98.16	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	42419	14.708	ng	# 70
50) 2,6-Dinitrotoluene	14.70	165	13040	8.728	ng	# 18
56) 2,4-Dinitrotoluene	14.70	165	13040	6.570	ng	# 16
66) 4-Bromophenyl-phenylether	16.18	248	15506	5.153	ng	# 1
76) Benzidine	20.05	184	25474	2.378	ng	# 91

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060718\
Data File : BG034981.D
Acq On : 8 Jun 2018 10:23
Operator : SJ/JU
Sample : J3352-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jun 08 12:27:22 2018
Quant Method : Z:\SVOASRV\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



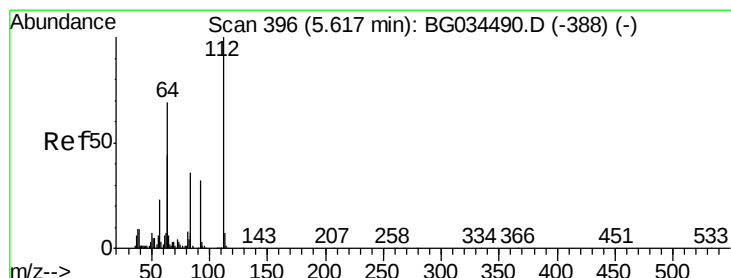
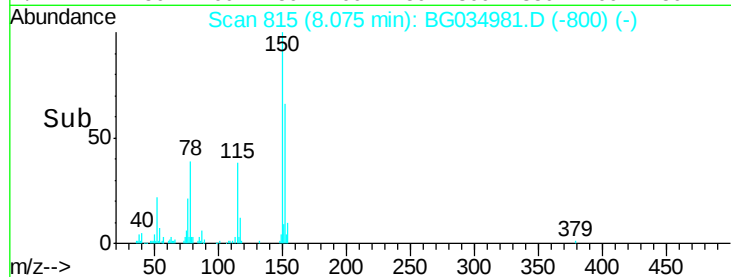
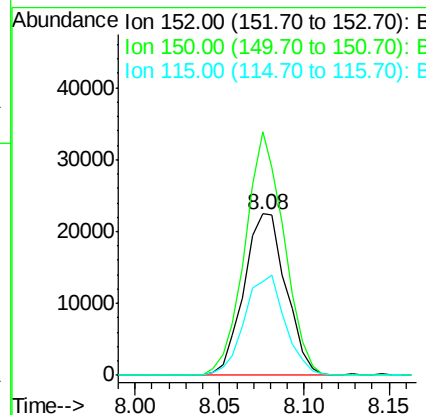
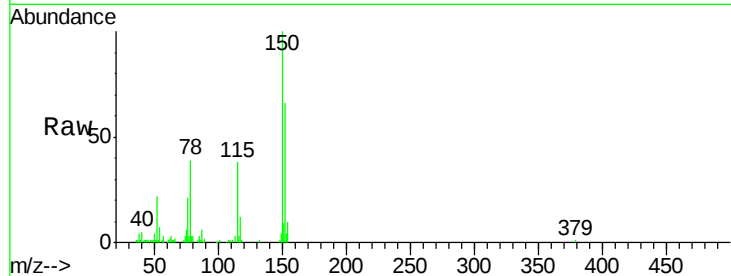


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 815
Delta R.T. -0.01 min
Lab File: BG034981.D
Acq: 8 Jun 2018 10:23

Instrument :
BNA_G
ClientSampled :

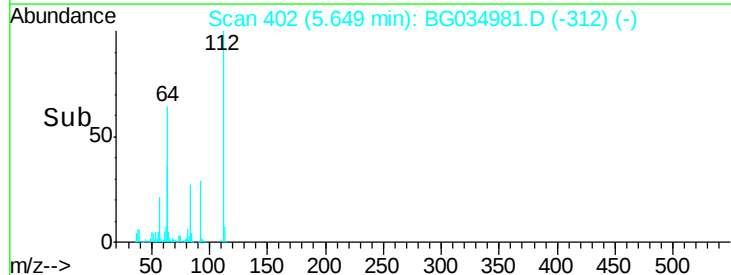
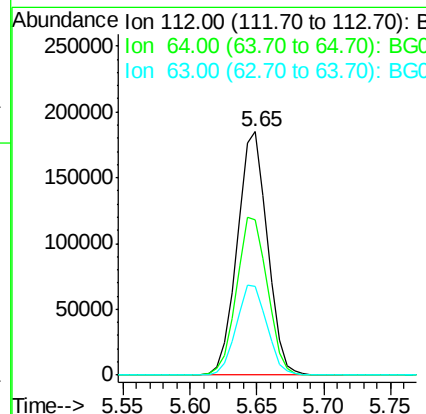
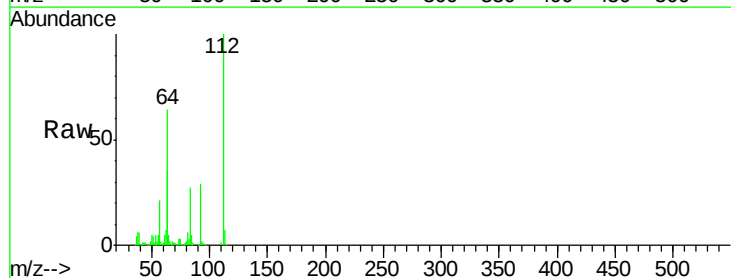
Tot Ion:152 Resp: 38815
Ion Ratio Lower Upper
152 100
150 150.8 126.6 189.8
115 57.8 53.0 79.4



#5

2-Fluorophenol
Concen: 126.159 ng
RT: 5.65 min Scan# 402
Delta R.T. 0.00 min
Lab File: BG034981.D
Acq: 8 Jun 2018 10:23

Tgt Ion:112 Resp: 290166
Ion Ratio Lower Upper
112 100
64 63.8 56.3 84.5
63 36.3 30.1 45.1





#7

Phenol-d6

Concen: 113.640 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

Lab File: BG034981.D

Acq: 8 Jun 2018 10:23

Instrument :

BNA_G

ClientSampled :

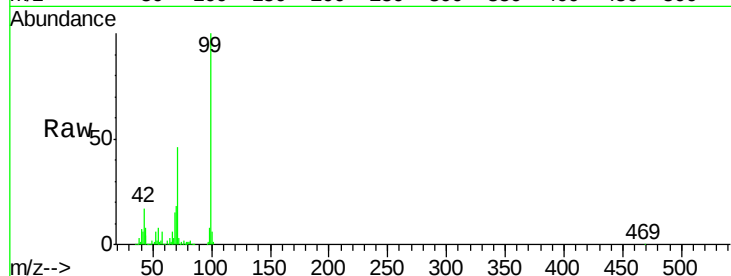
Tot Ion: 99 Resp: 385771

Ion Ratio Lower Upper

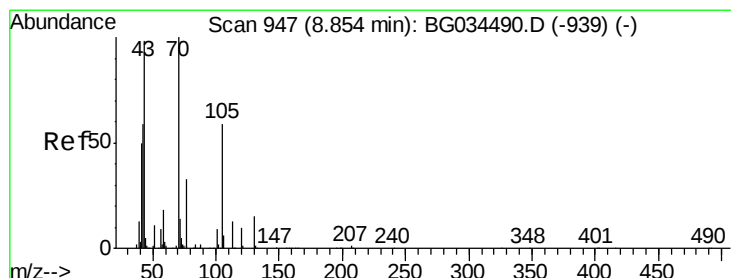
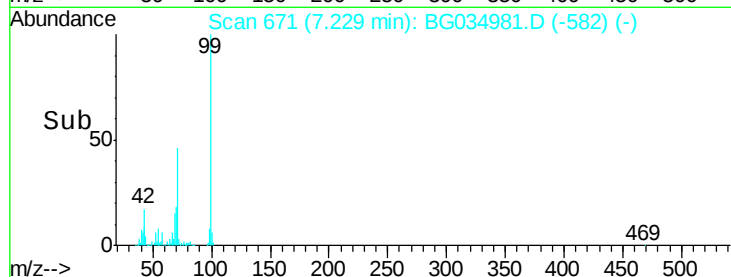
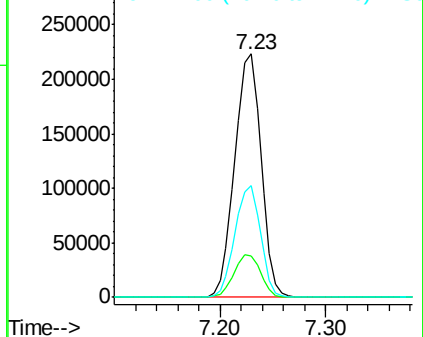
99 100

42 16.9 14.1 21.1

71 46.1 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: 14.708 ng

RT: 9.23 min Scan# 1012

Delta R.T. 0.33 min

Lab File: BG034981.D

Acq: 8 Jun 2018 10:23

Tgt Ion: 70 Resp: 42419

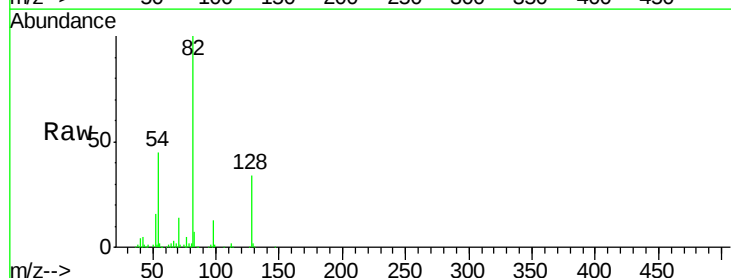
Ion Ratio Lower Upper

70 100

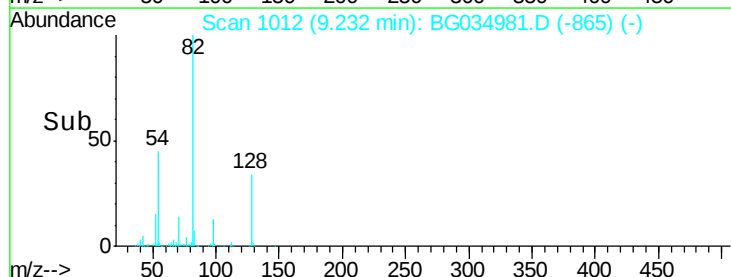
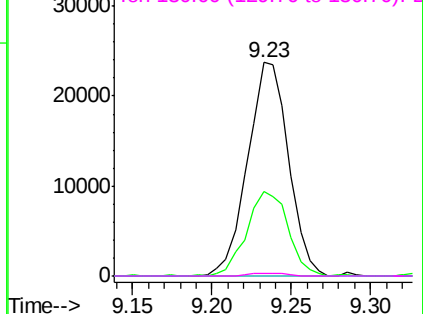
42 39.6 49.1 73.7#

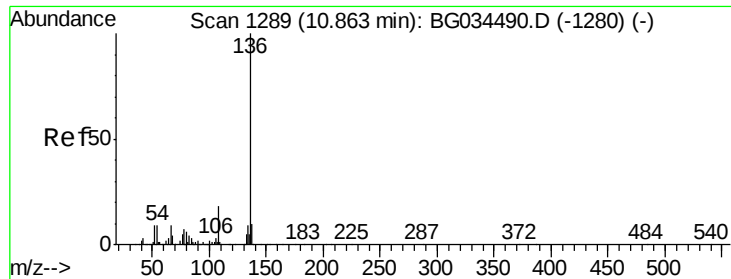
101 0.0 8.5 12.7#

130 1.4 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

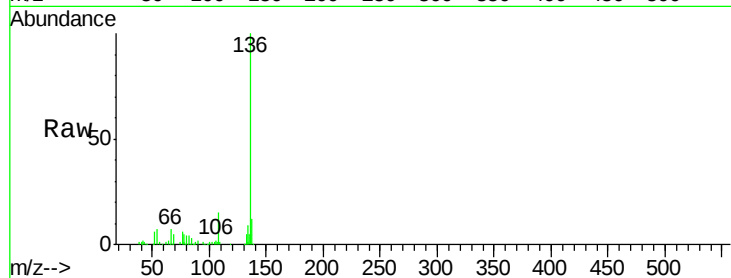




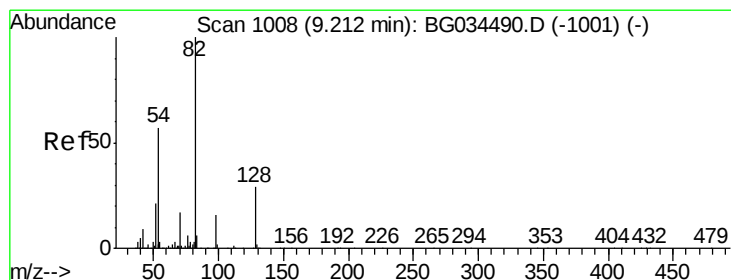
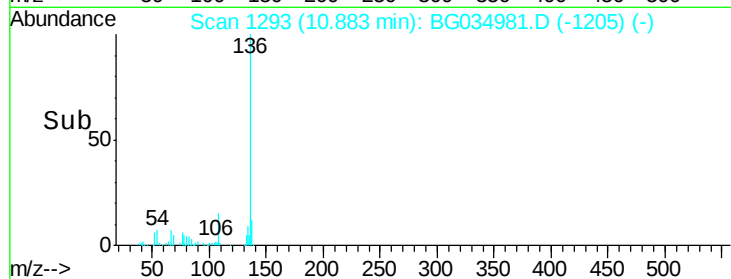
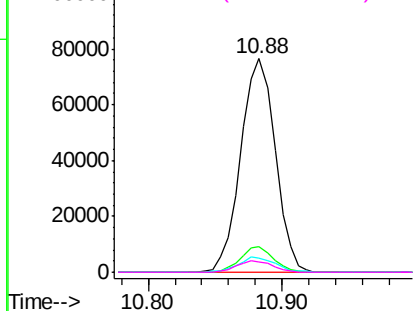
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG034981.D
Acq: 8 Jun 2018 10:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	136871	
Ion Ratio	Lower	Upper	
136 100			
137 12.0	9.2	13.8	
54 6.6	10.3	15.5#	
68 4.9	4.5	6.7	

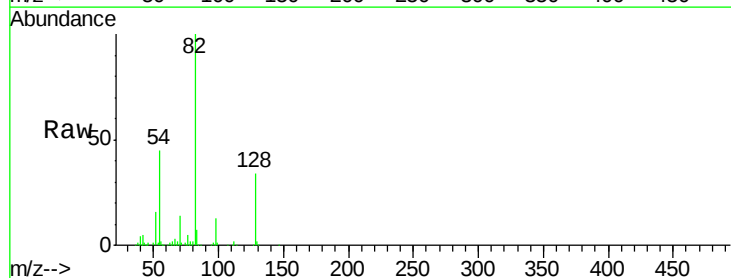


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

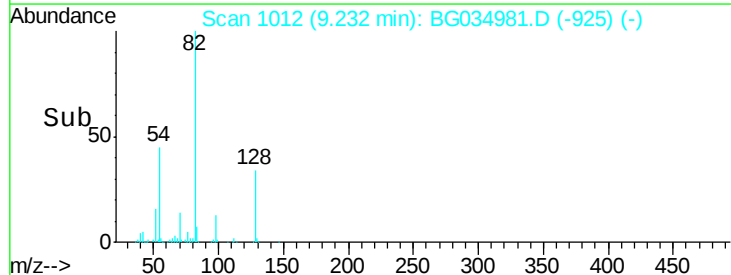
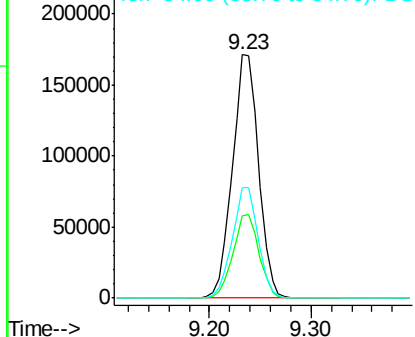


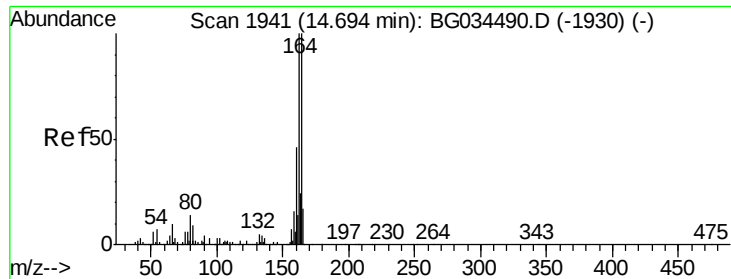
#23
Nitrobenzene-d5
Concen: 106.208 ng
RT: 9.23 min Scan# 1012
Delta R.T. -0.02 min
Lab File: BG034981.D
Acq: 8 Jun 2018 10:23

Tgt Ion: 82	Resp: 305816
Ion Ratio	Lower Upper
82 100	
128 33.9	29.7 44.5
54 45.3	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: 20.000 ng

RT: 14.70 min Scan# 1942

Delta R.T. -0.01 min

Lab File: BG034981.D

Acq: 8 Jun 2018 10:23

Instrument :

BNA_G

ClientSampleId :

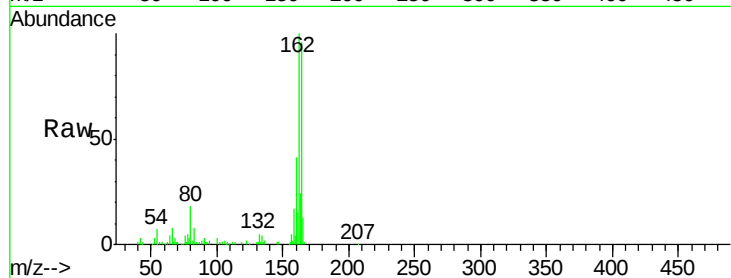
Tot Ion:164 Resp: 93915

Ion Ratio Lower Upper

164 100

162 103.7 78.8 118.2

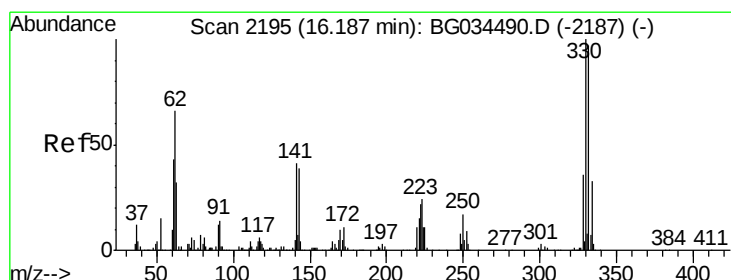
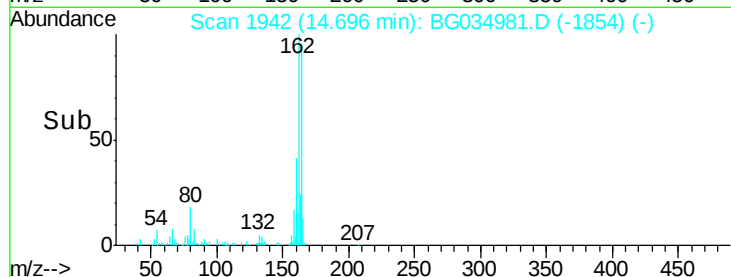
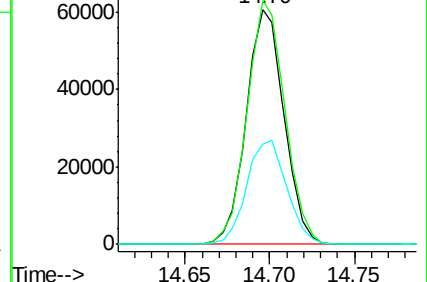
160 42.9 35.4 53.0



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: 163.513 ng

RT: 16.18 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BG034981.D

Acq: 8 Jun 2018 10:23

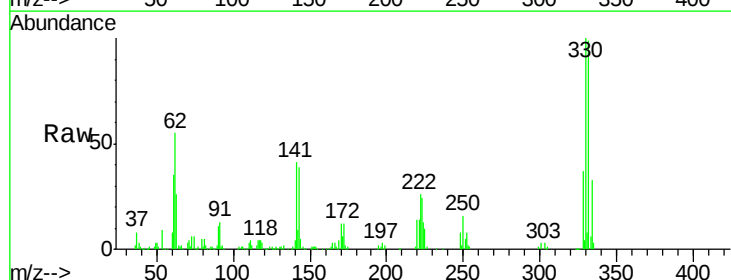
Tgt Ion:330 Resp: 196580

Ion Ratio Lower Upper

330 100

332 97.8 77.0 115.6

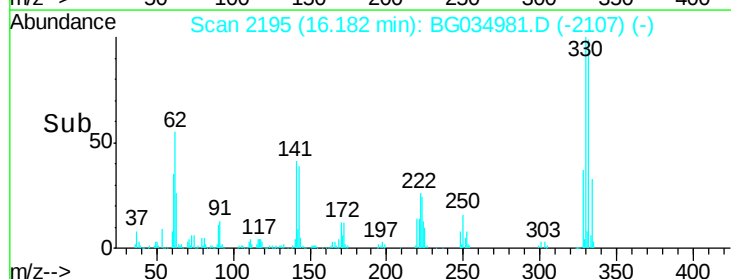
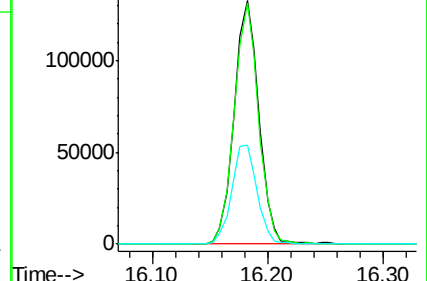
141 41.7 25.2 37.8#

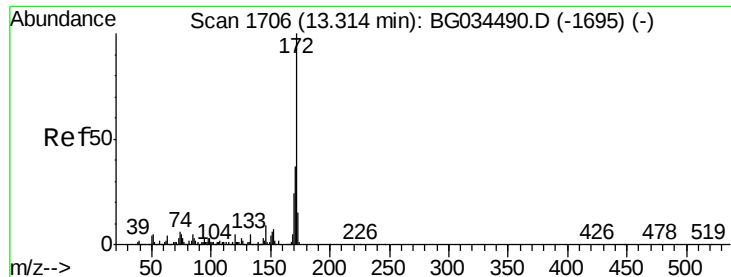


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

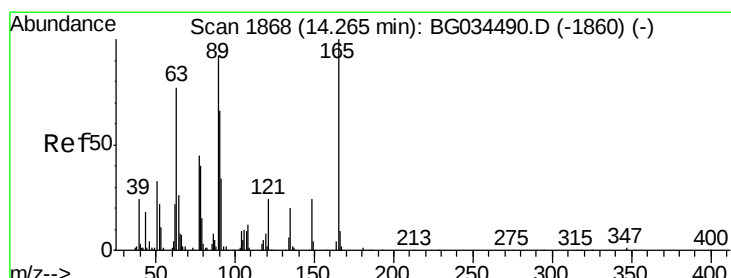
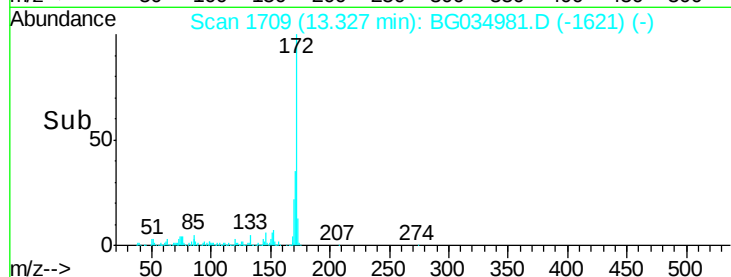
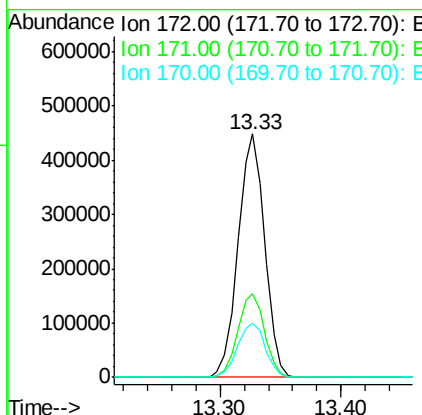
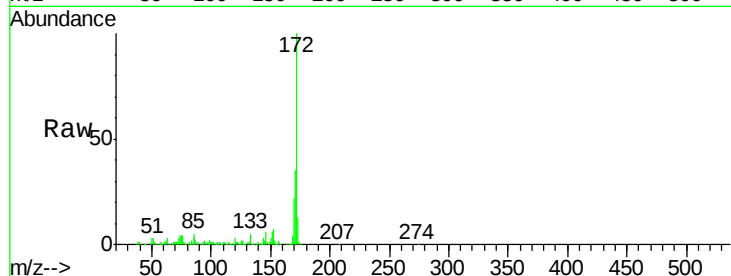




#44
 2-Fluorobiphenyl
 Concen: 95.187 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BG034981.D
 Acq: 8 Jun 2018 10:23

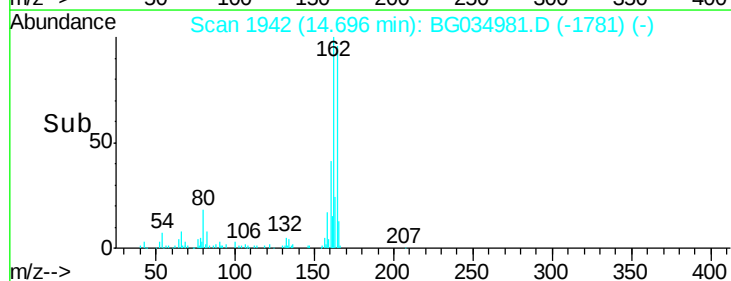
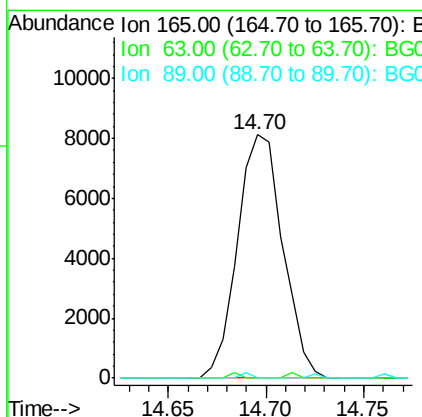
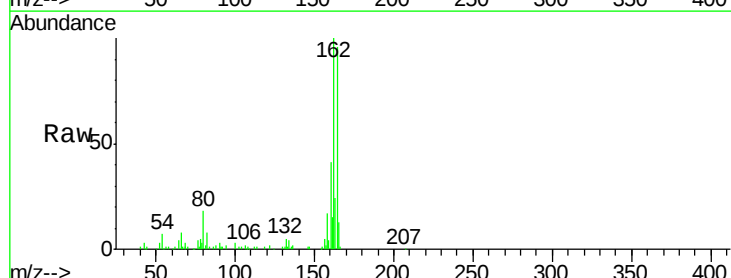
Instrument :
 BNA_G
 ClientSampleId :

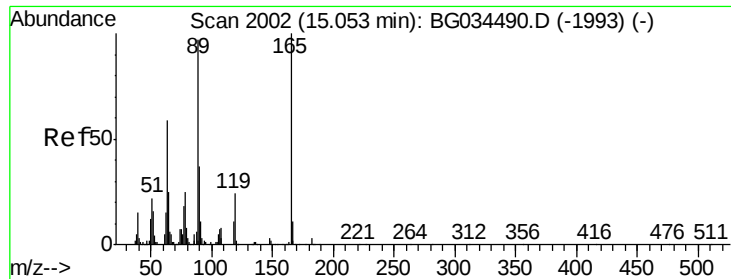
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.6	30.0	45.0
170	22.3	19.5	29.3



#50
 2,6-Dinitrotoluene
 Concen: 8.728 ng
 RT: 14.70 min Scan# 1942
 Delta R.T. 0.42 min
 Lab File: BG034981.D
 Acq: 8 Jun 2018 10:23

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

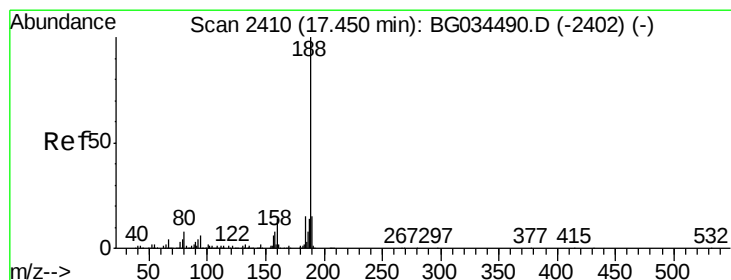
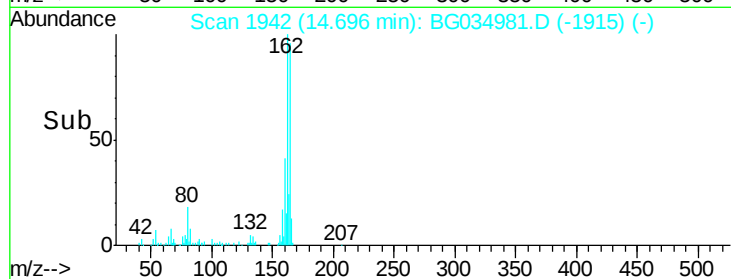
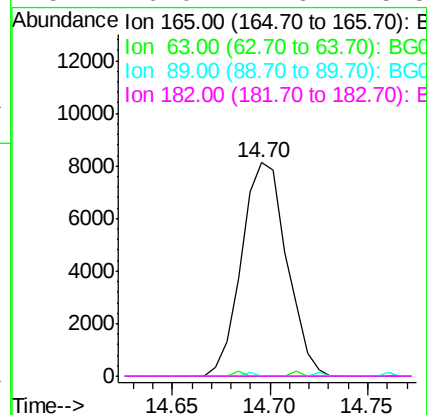
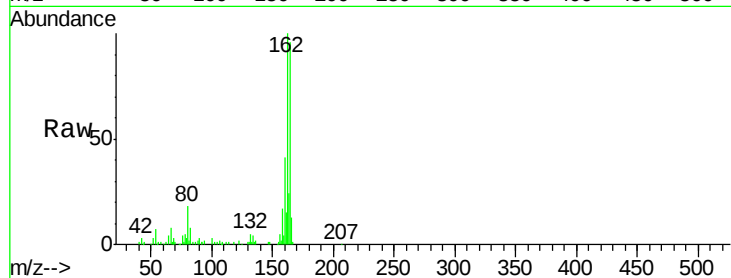




#56
2,4-Dinitrotoluene
Concen: 6.570 ng
RT: 14.70 min Scan# 1942
Delta R.T. -0.37 min
Lab File: BG034981.D
Acq: 8 Jun 2018 10:23

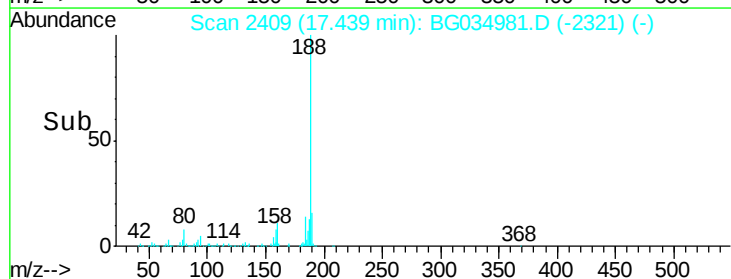
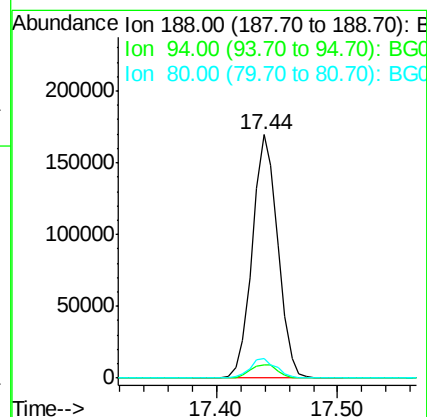
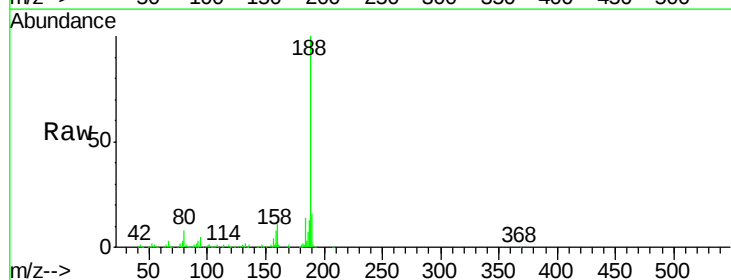
Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 13040
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#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2409
Delta R.T. -0.01 min
Lab File: BG034981.D
Acq: 8 Jun 2018 10:23

Tgt Ion:188 Resp: 249875
Ion Ratio Lower Upper
188 100
94 5.2 6.9 10.3#
80 8.2 7.7 11.5

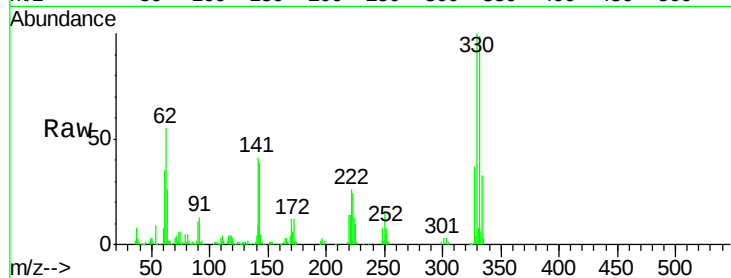




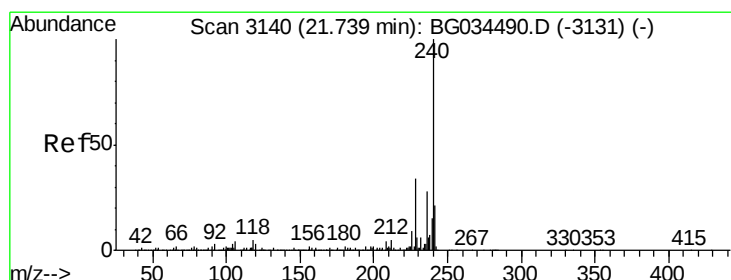
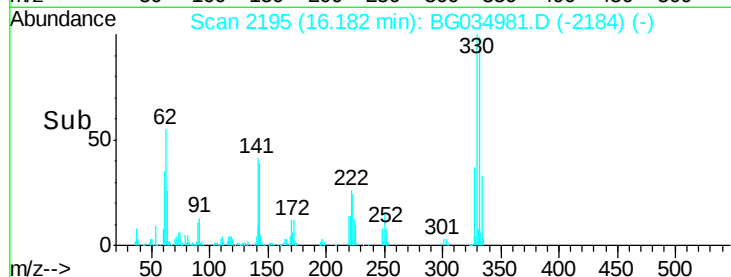
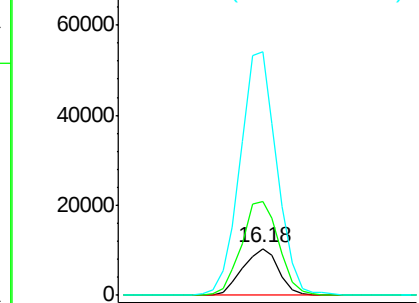
#66
4-Bromophenyl-phenylether
Concen: 5.153 ng
RT: 16.18 min Scan# 2195
Delta R.T. -0.46 min
Lab File: BG034981.D
Acq: 8 Jun 2018 10:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 15506
Ion Ratio Lower Upper
248 100
250 200.2 77.1 115.7#
141 518.5 50.8 76.2#

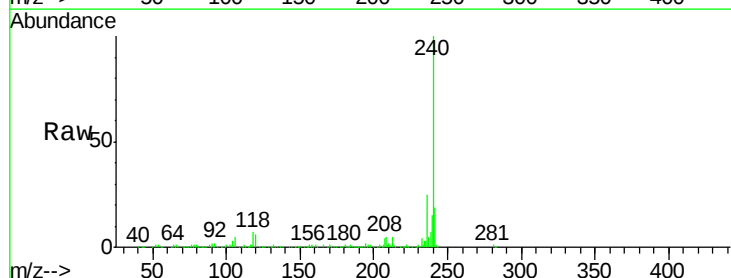


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

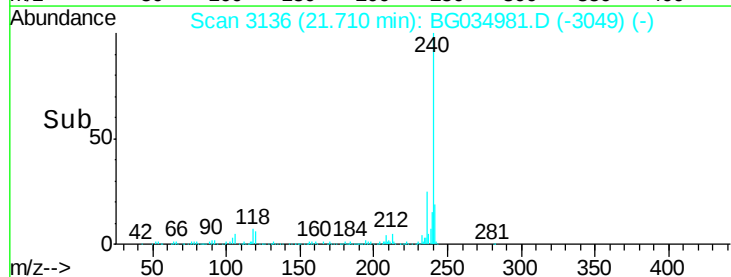
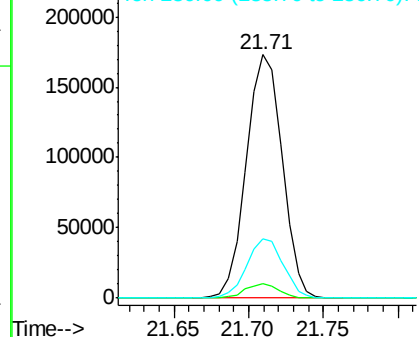


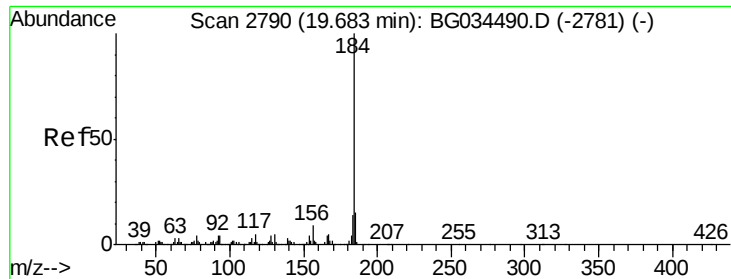
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3136
Delta R.T. -0.02 min
Lab File: BG034981.D
Acq: 8 Jun 2018 10:23

Tgt Ion:240 Resp: 287917
Ion Ratio Lower Upper
240 100
120 6.1 6.8 10.2#
236 24.5 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: 2.378 ng

RT: 20.05 min Scan# 2854

Delta R.T. 0.38 min

Lab File: BG034981.D

Acq: 8 Jun 2018 10:23

Instrument :

BNA_G

ClientSampled :

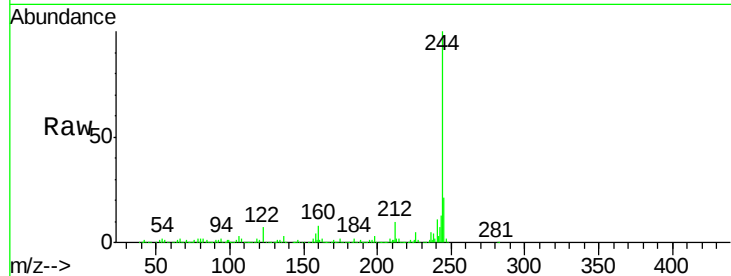
Tot Ion:184 Resp: 25474

Ion Ratio Lower Upper

184 100

185 18.8 11.1 16.7#

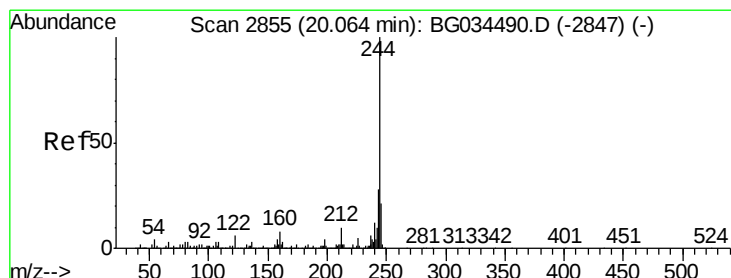
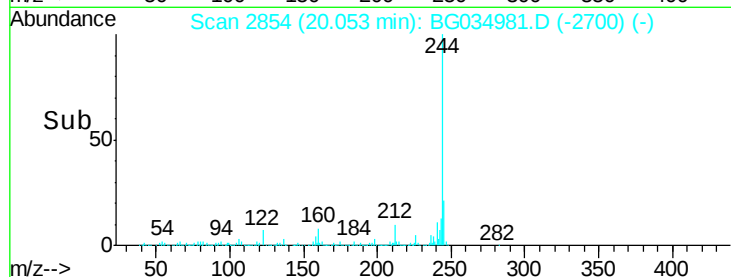
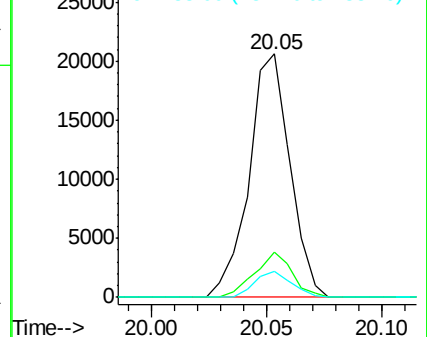
183 10.7 10.6 16.0



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: 98.162 ng

RT: 20.05 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG034981.D

Acq: 8 Jun 2018 10:23

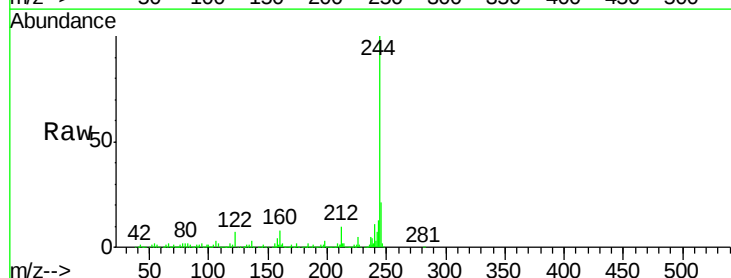
Tgt Ion:244 Resp: 1349254

Ion Ratio Lower Upper

244 100

212 9.7 5.8 8.8#

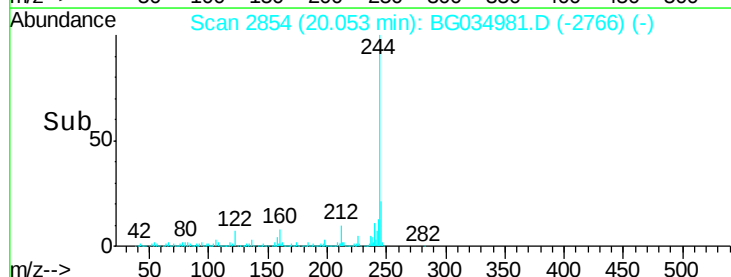
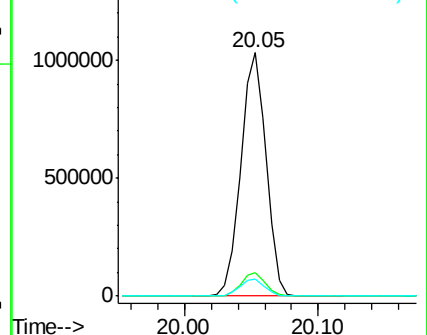
122 6.9 7.0 10.4#

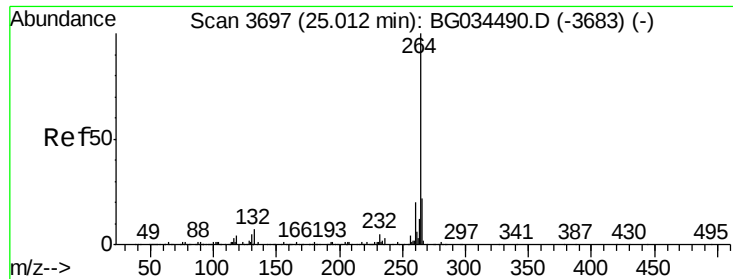


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.95 min Scan# 3687
 Delta R.T. -0.04 min
 Lab File: BG034981.D
 Acq: 8 Jun 2018 10:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.7	17.4	26.0
265	22.9	17.7	26.5

