

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062718\
 Data File : BG035469.D
 Acq On : 28 Jun 2018 7:14
 Operator : JU/SJ
 Sample : J3048-11
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 28 08:32:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

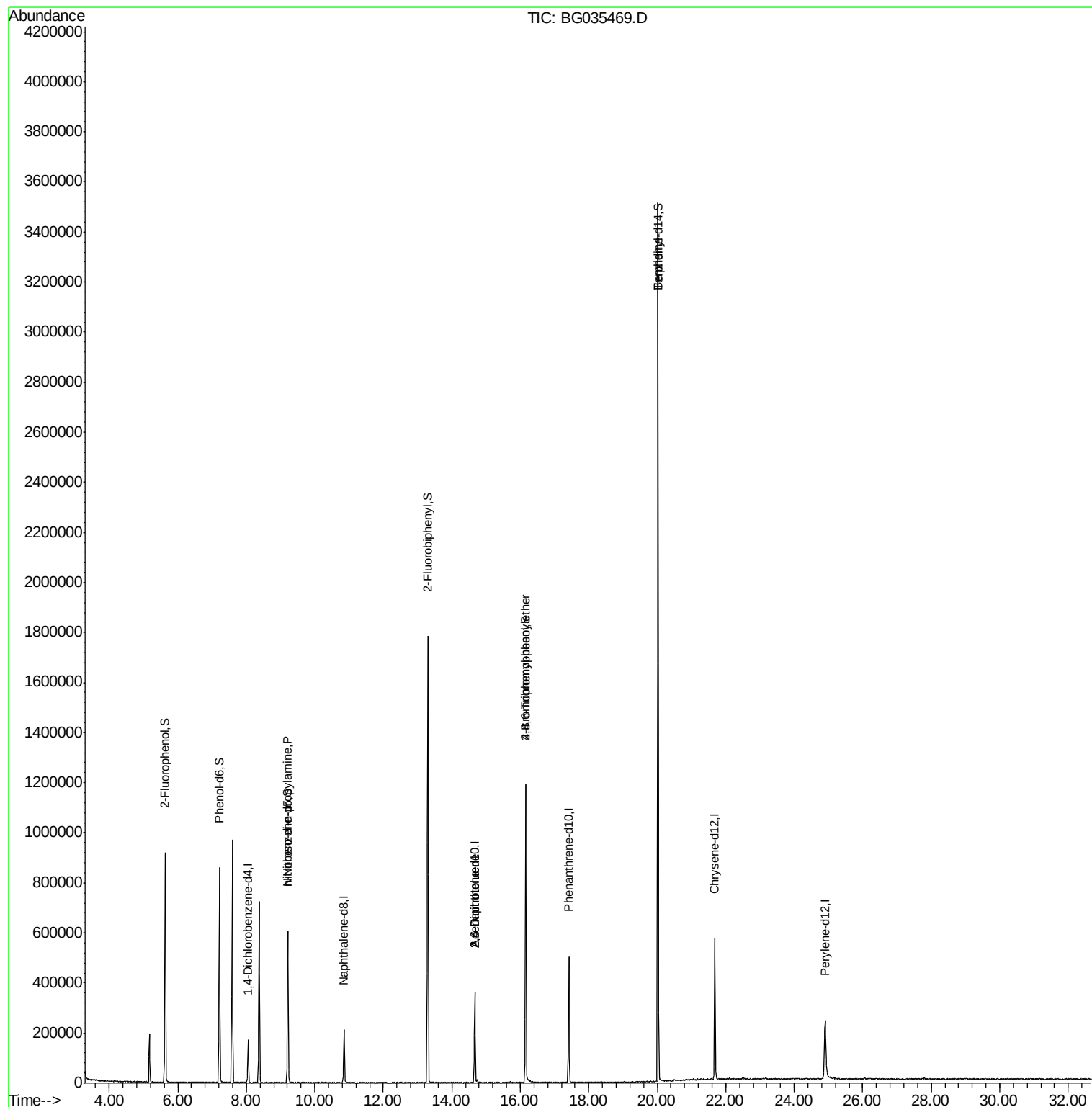
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	49193	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	176497	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	127723	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	330030	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	369728	20.00	ng	-0.04
86) Perylene-d12	24.91	264	318713	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	394979	135.50	ng	-0.01
7) Phenol-d6	7.22	99	523342	121.64	ng	0.00
23) Nitrobenzene-d5	9.21	82	412573	111.11	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	228334	139.65	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	946724	96.36	ng	-0.03
78) Terphenyl-d14	20.02	244	1685345	95.48	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	57687	15.782	ng	# 66
50) 2,6-Dinitrotoluene	14.67	165	17954	8.836	ng	# 20
56) 2,4-Dinitrotoluene	14.67	165	17954	6.652	ng	# 18
66) 4-Bromophenyl-phenylether	16.16	248	18547	4.667	ng	# 1
76) Benzidine	20.02	184	27986	2.035	ng	# 91

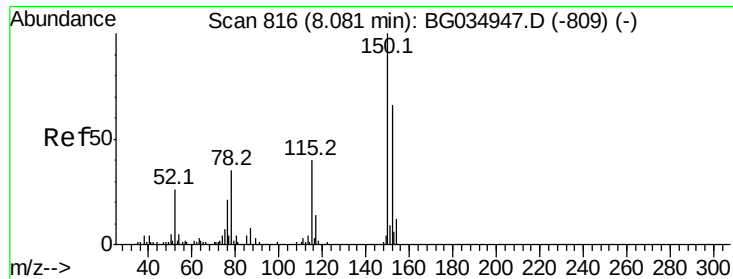
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062718\
Data File : BG035469.D
Acq On : 28 Jun 2018 7:14
Operator : JU/SJ
Sample : J3048-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jun 28 08:32:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration



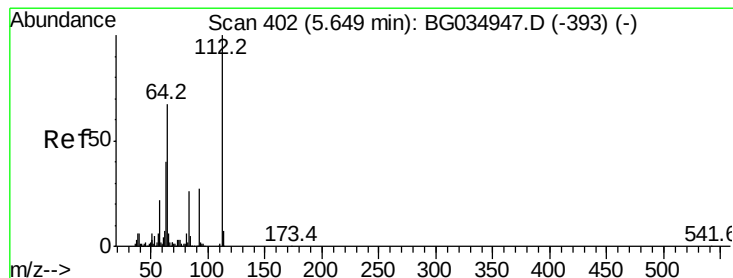
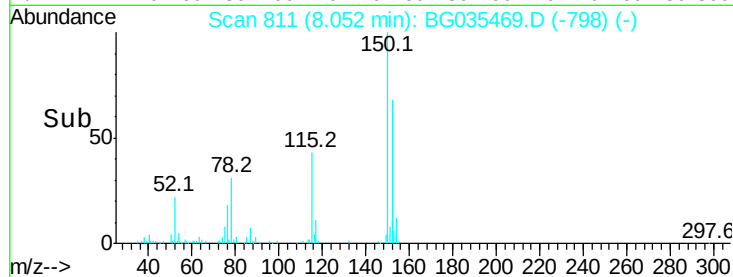
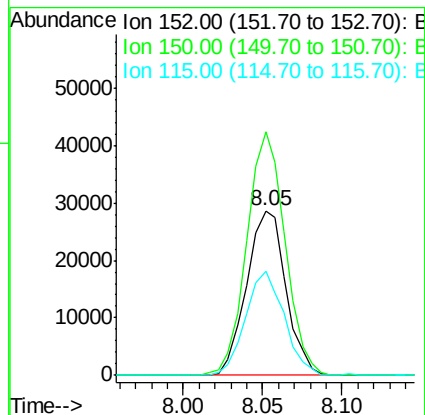
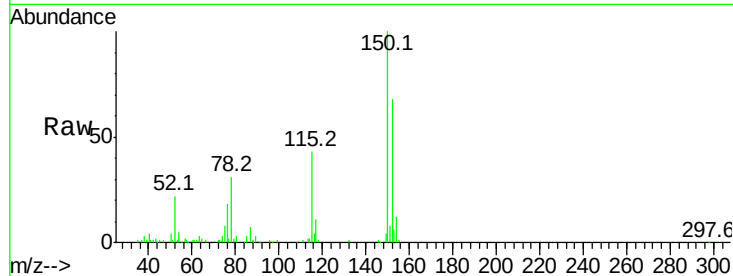


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035469.D
Acq: 28 Jun 2018 7:14

Instrument :
BNA_G
ClientSampleId :

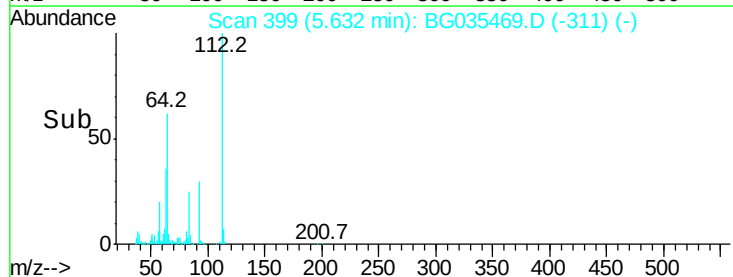
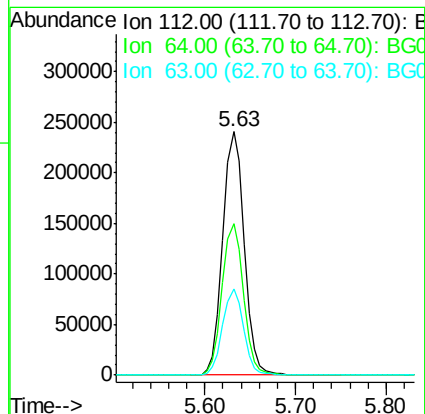
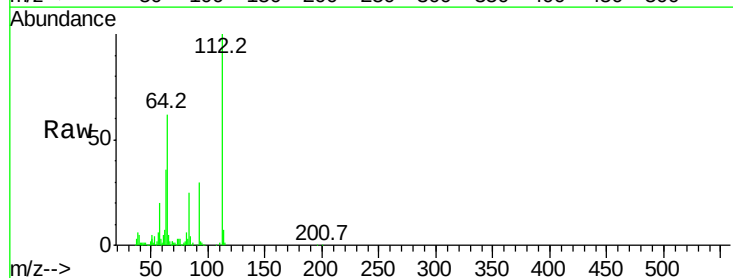
Tot Ion:152 Resp: 49193
Ion Ratio Lower Upper
152 100
150 147.8 126.6 189.8
115 63.1 53.0 79.4

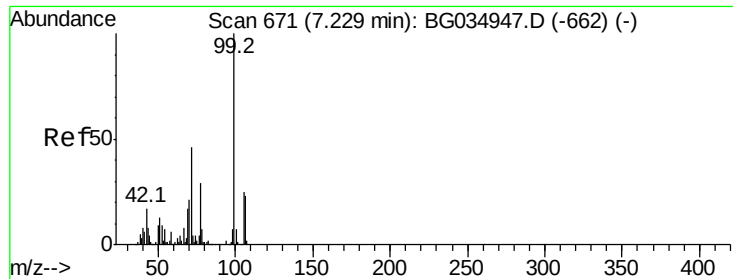


#5

2-Fluorophenol
Concen: 135.501 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035469.D
Acq: 28 Jun 2018 7:14

Tgt Ion:112 Resp: 394979
Ion Ratio Lower Upper
112 100
64 62.0 56.3 84.5
63 35.6 30.1 45.1





#7

Phenol-d6

Concen: 121.642 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035469.D

Acq: 28 Jun 2018 7:14

Instrument :

BNA_G

ClientSampleId :

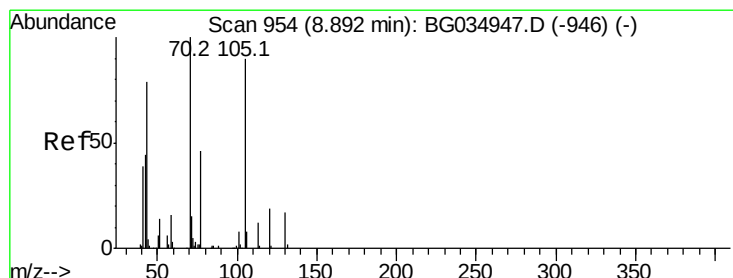
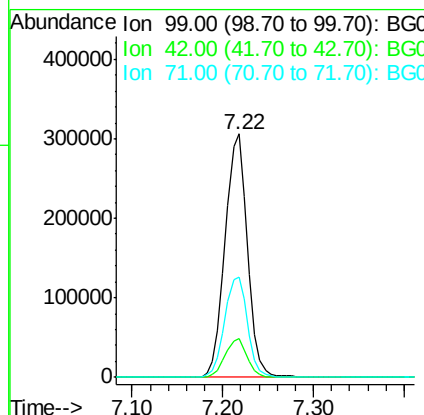
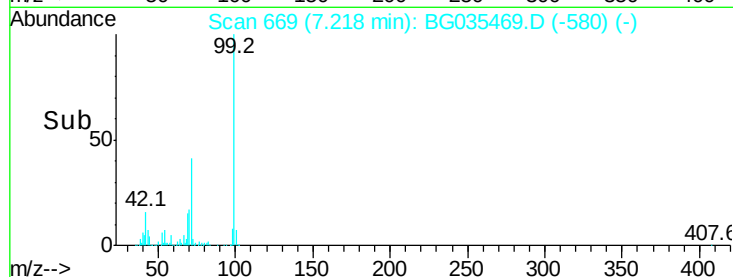
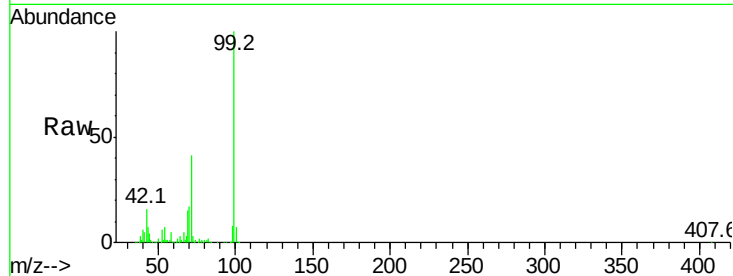
Tot Ion: 99 Resp: 523342

Ion Ratio Lower Upper

99 100

42 15.9 14.1 21.1

71 41.0 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 15.782 ng

RT: 9.21 min Scan# 1009

Delta R.T. 0.33 min

Lab File: BG035469.D

Acq: 28 Jun 2018 7:14

Tgt Ion: 70 Resp: 57687

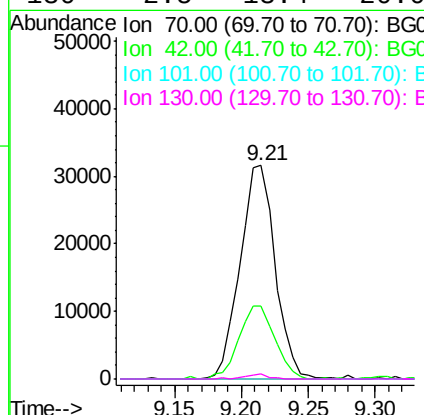
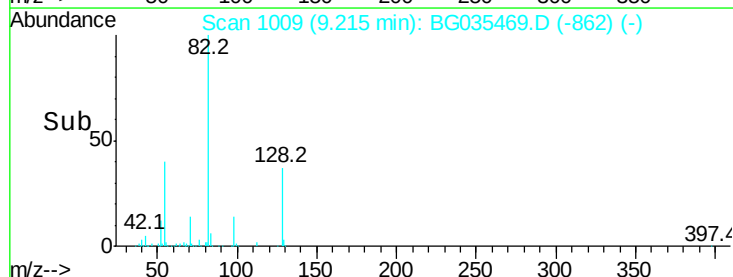
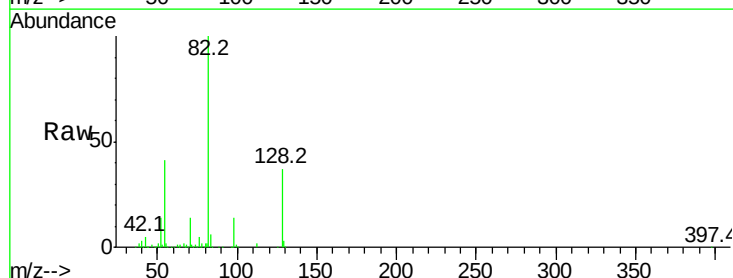
Ion Ratio Lower Upper

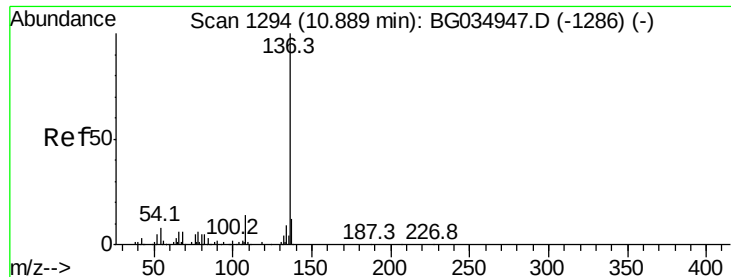
70 100

42 34.2 49.1 73.7#

101 0.0 8.5 12.7#

130 2.5 13.4 20.0#

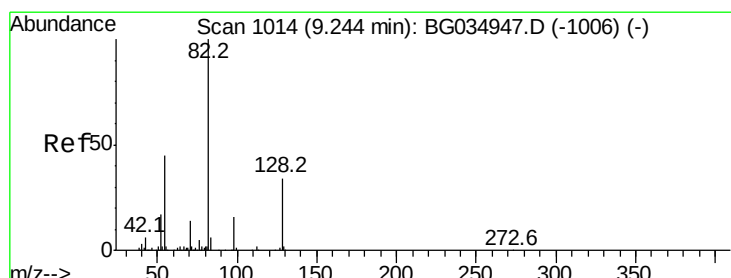
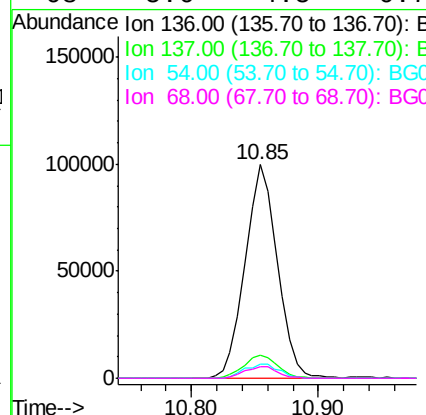
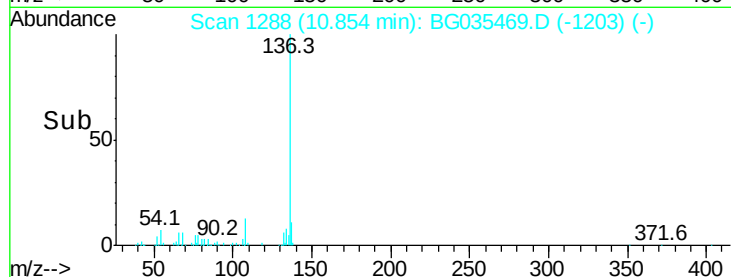
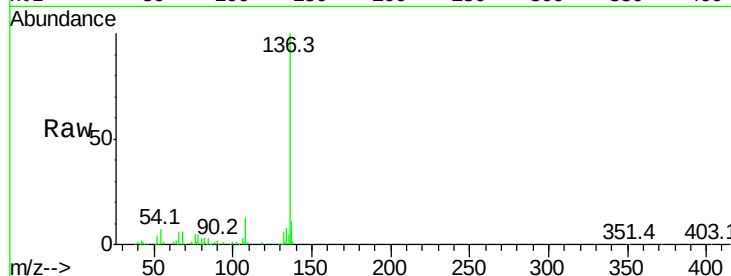




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BG035469.D
Acq: 28 Jun 2018 7:14

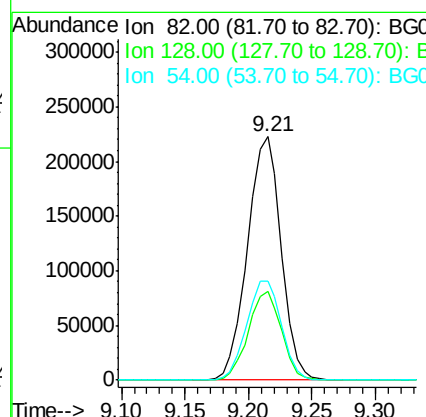
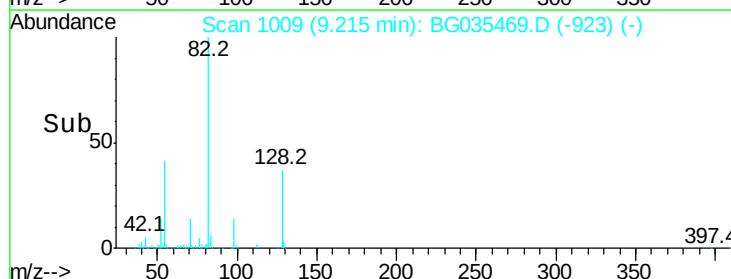
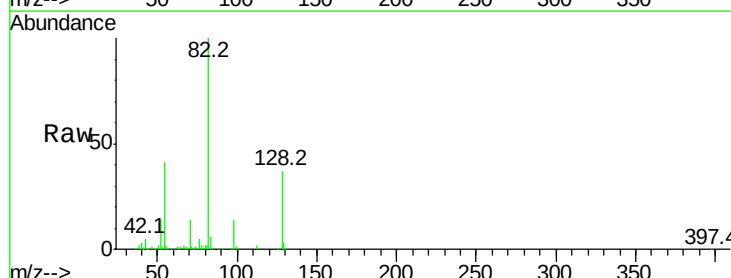
Instrument :
BNA_G
ClientSampleId :

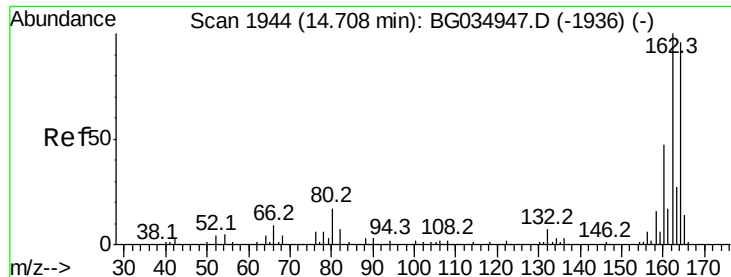
Tot Ion:	136	Resp:	176497
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	6.9	10.3	15.5#
68	5.6	4.5	6.7



#23
Nitrobenzene-d5
Concen: 111.115 ng
RT: 9.21 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG035469.D
Acq: 28 Jun 2018 7:14

Tgt Ion:	82	Resp:	412573
Ion	Ratio	Lower	Upper
82	100		
128	36.6	29.7	44.5
54	40.9	43.1	64.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BG035469.D

Acq: 28 Jun 2018 7:14

Instrument :

BNA_G

ClientSampleId :

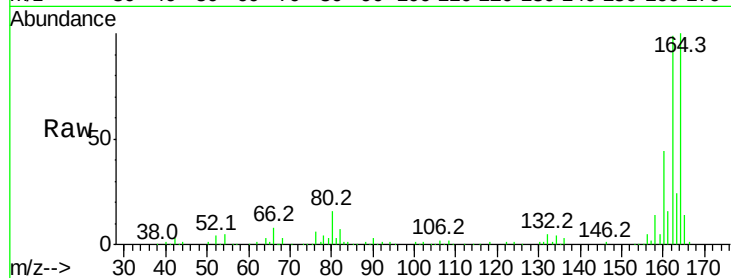
Tot Ion:164 Resp: 127723

Ion Ratio Lower Upper

164 100

162 98.5 78.8 118.2

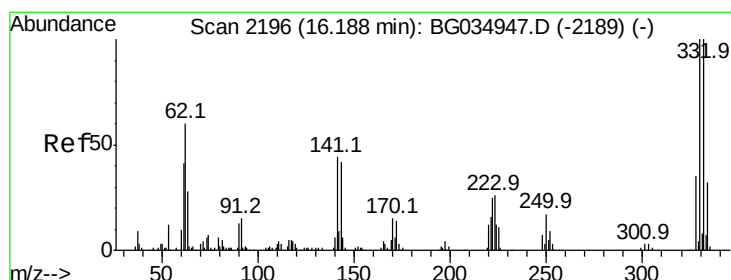
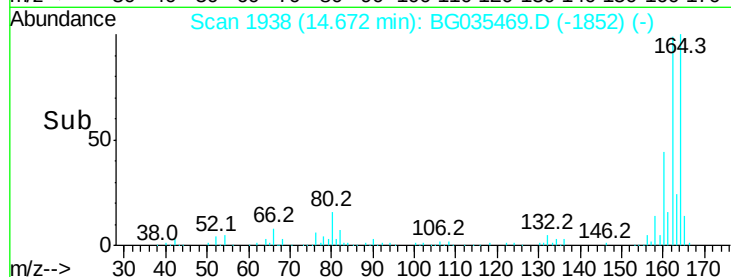
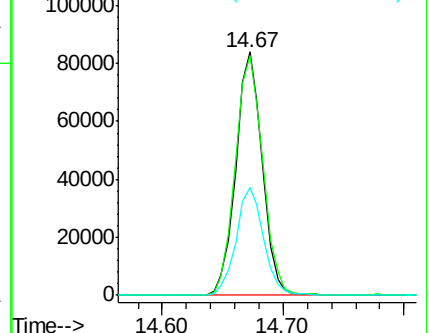
160 44.3 35.4 53.0



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: 139.652 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BG035469.D

Acq: 28 Jun 2018 7:14

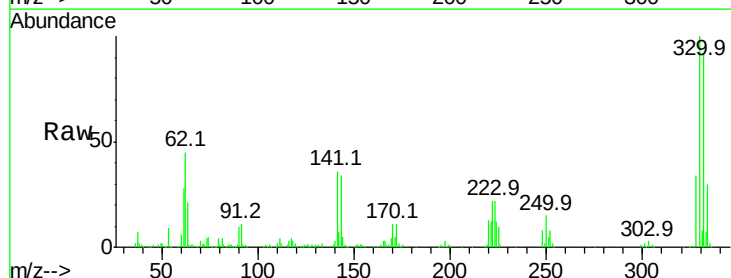
Tgt Ion:330 Resp: 228334

Ion Ratio Lower Upper

330 100

332 94.6 77.0 115.6

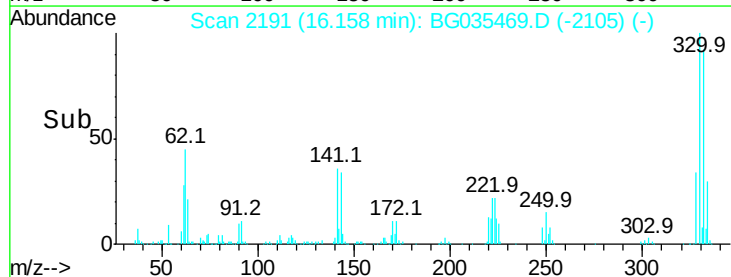
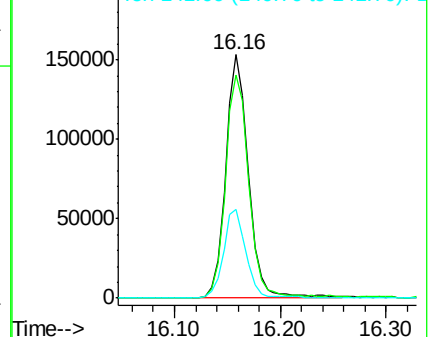
141 36.5 25.2 37.8

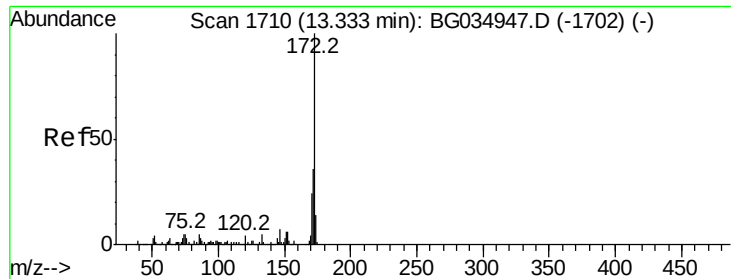


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 96.360 ng

RT: 13.30 min Scan# 1704

Delta R.T. -0.03 min

Lab File: BG035469.D

Acq: 28 Jun 2018 7:14

Instrument :

BNA_G

ClientSampleId :

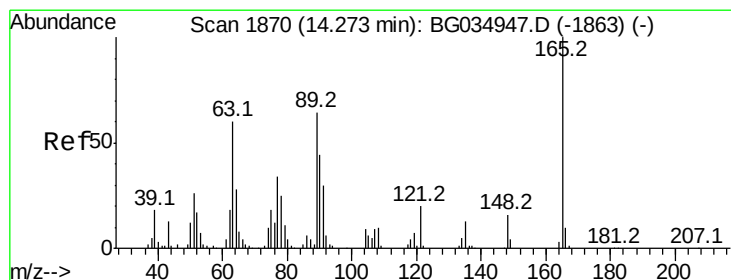
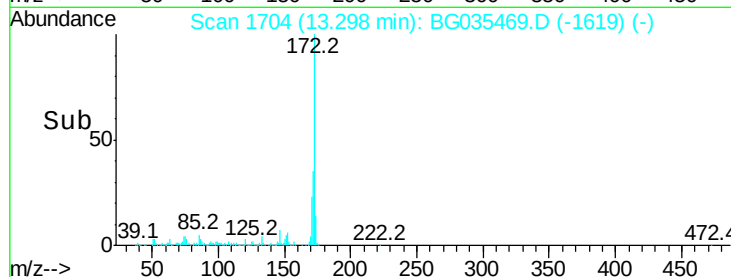
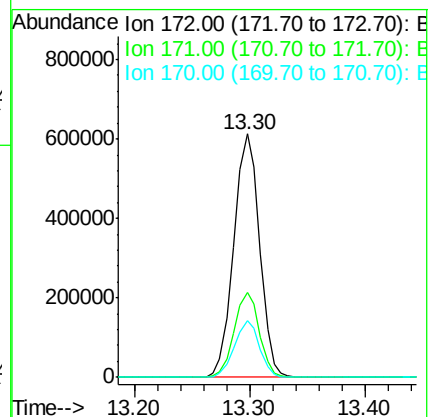
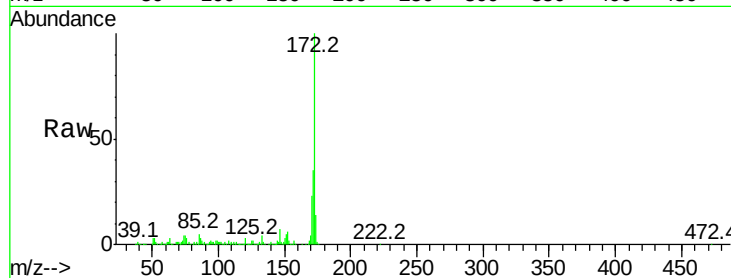
Tot Ion:172 Resp: 946724

Ion Ratio Lower Upper

172 100

171 34.8 30.0 45.0

170 23.4 19.5 29.3



#50

2,6-Dinitrotoluene

Concen: 8.836 ng

RT: 14.67 min Scan# 1938

Delta R.T. 0.40 min

Lab File: BG035469.D

Acq: 28 Jun 2018 7:14

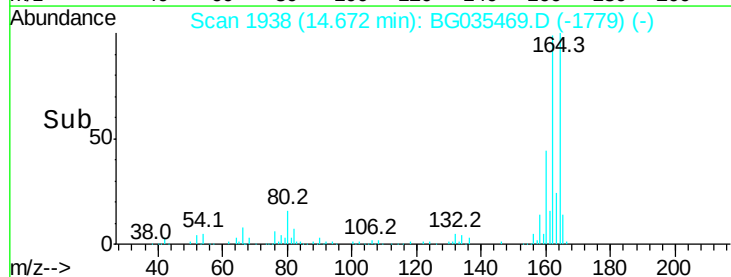
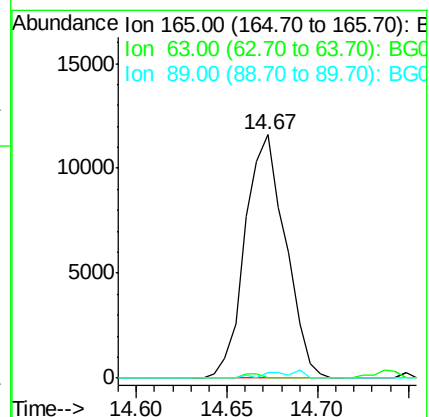
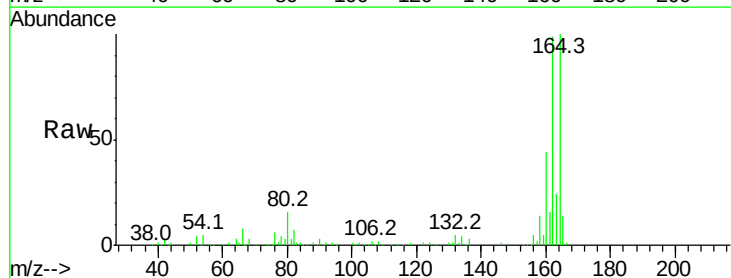
Tgt Ion:165 Resp: 17954

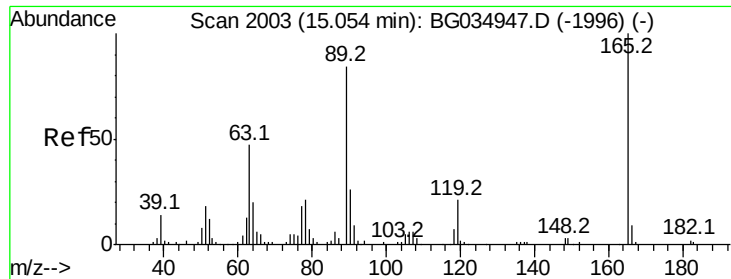
Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

89 2.3 49.2 73.8#

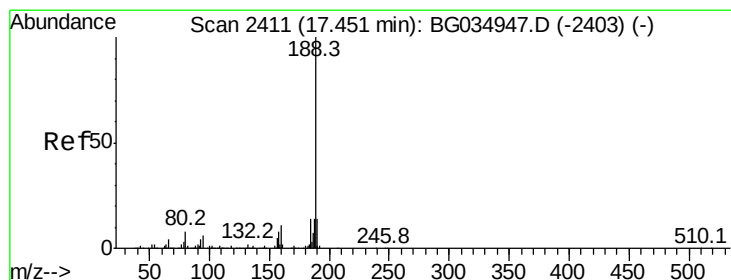
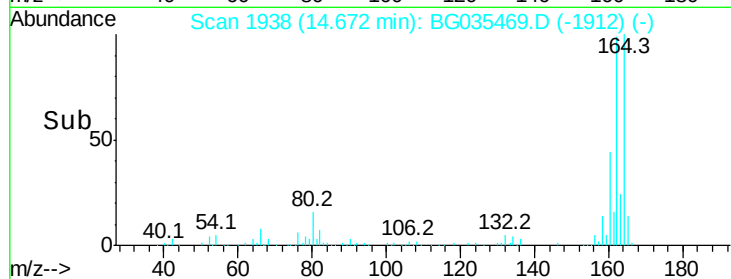
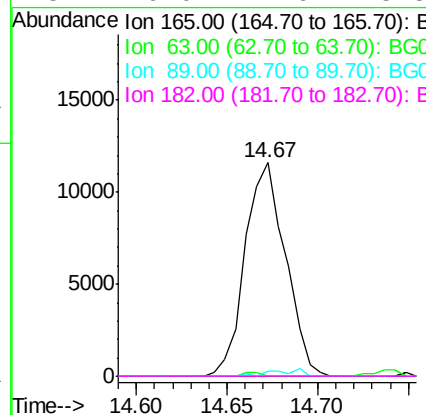
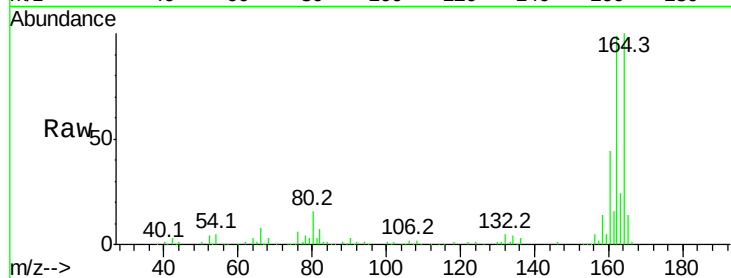




#56
 2,4-Dinitrotoluene
 Concen: 6.652 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.38 min
 Lab File: BG035469.D
 Acq: 28 Jun 2018 7:14

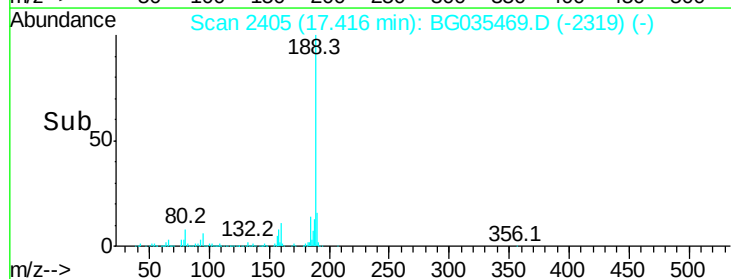
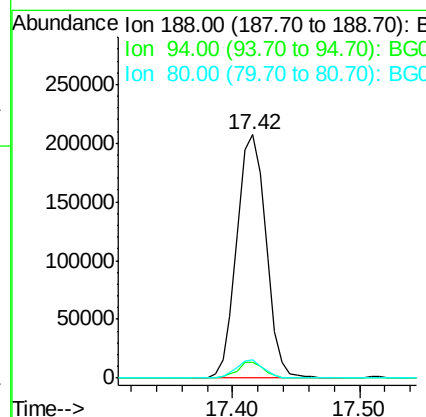
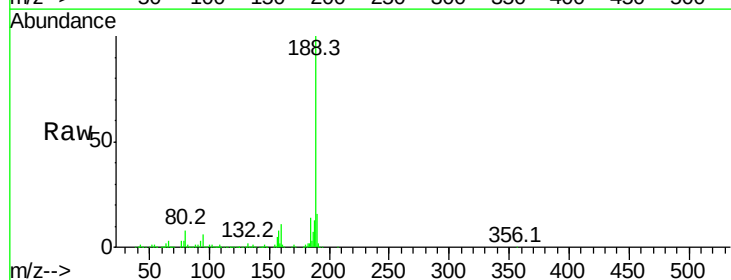
Instrument :
 BNA_G
 ClientSampleId :

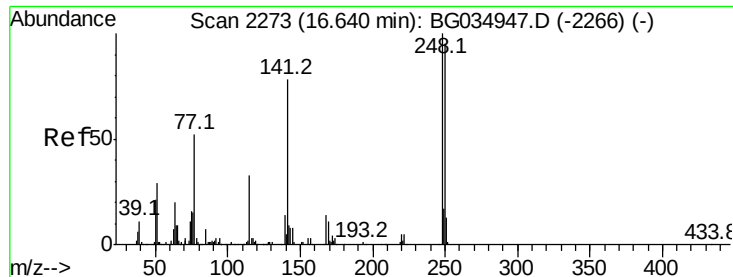
Tot Ion:165	Resp:	17954	
Ion Ratio	Lower	Upper	
165 100			
63 0.0	42.0	63.0#	
89 2.3	66.9	100.3#	
182 0.0	2.6	3.8#	



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.02 min
 Lab File: BG035469.D
 Acq: 28 Jun 2018 7:14

Tgt	Ion:188	Resp:	330030
Ion	Ratio	Lower	Upper
188	100		
94	6.4	6.9	10.3#
80	7.8	7.7	11.5

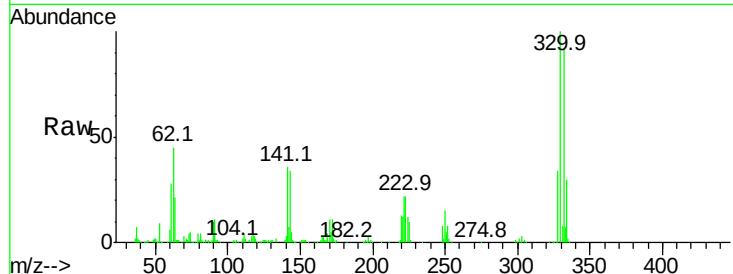




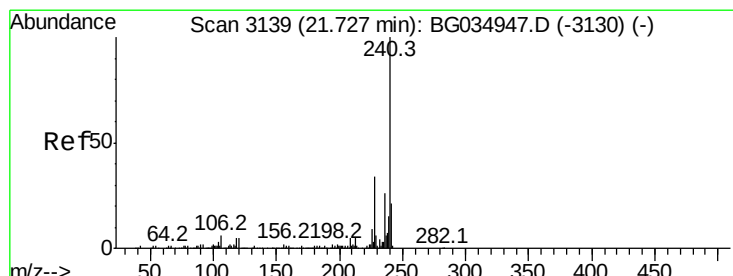
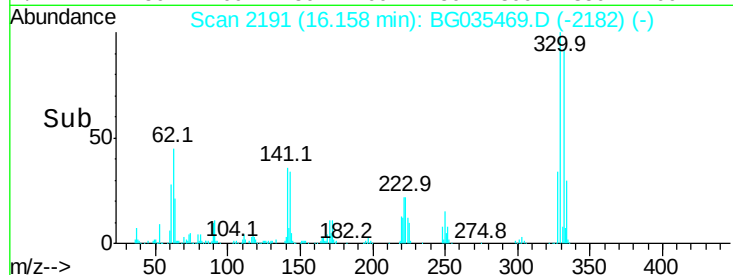
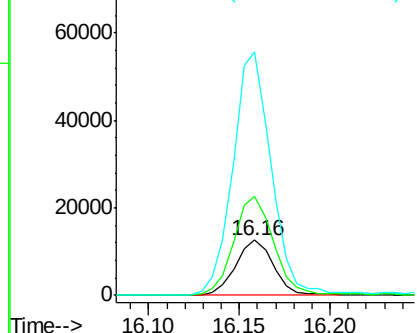
#66
4-Bromophenyl-phenylether
Concen: 4.667 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.48 min
Lab File: BG035469.D
Acq: 28 Jun 2018 7:14

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 18547
Ion Ratio Lower Upper
248 100
250 177.8 77.1 115.7#
141 440.1 50.8 76.2#

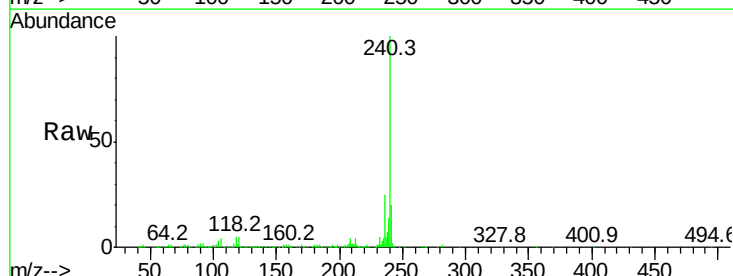


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

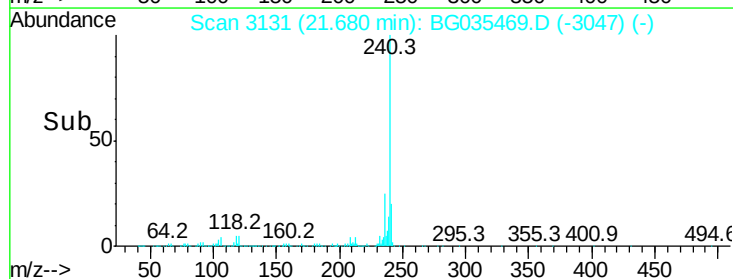
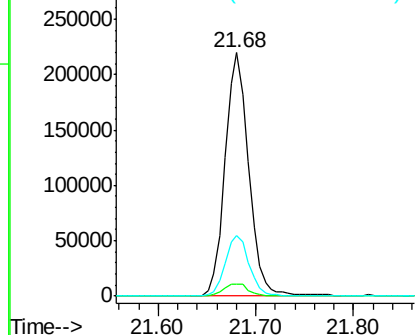


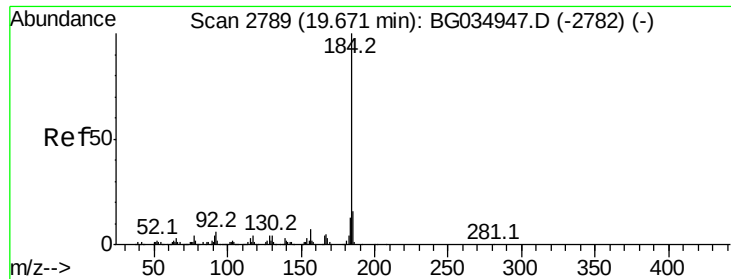
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.04 min
Lab File: BG035469.D
Acq: 28 Jun 2018 7:14

Tgt Ion:240 Resp: 369728
Ion Ratio Lower Upper
240 100
120 4.8 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





#76

Benzidine

Concen: 2.035 ng

RT: 20.02 min Scan# 2849

Delta R.T. 0.36 min

Lab File: BG035469.D

Acq: 28 Jun 2018 7:14

Instrument :

BNA_G

ClientSampled :

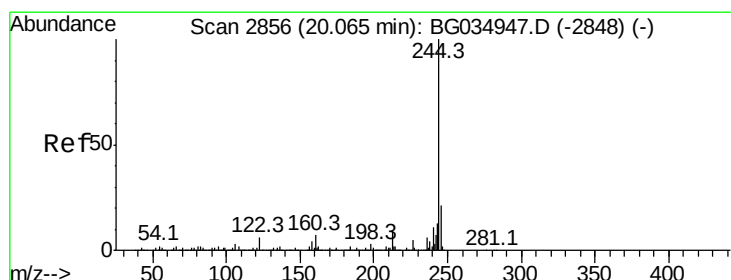
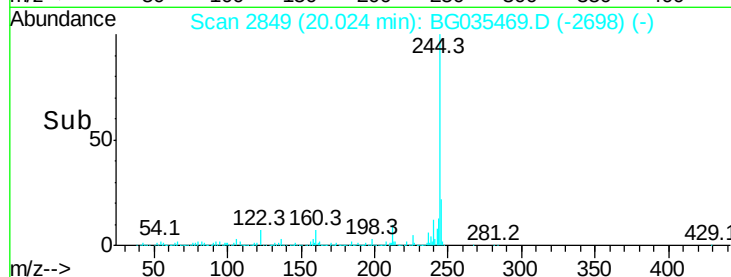
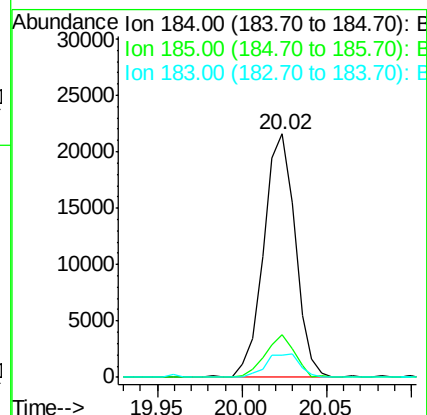
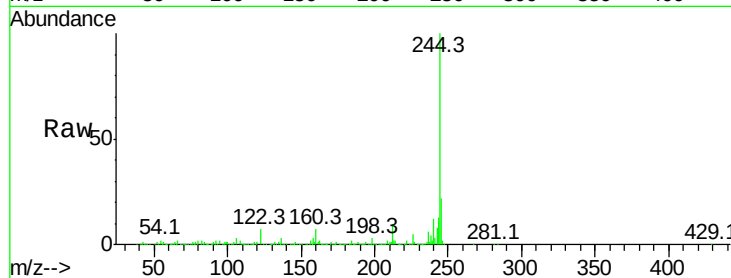
Tot Ion:184 Resp: 27986

Ion Ratio Lower Upper

184 100

185 17.4 11.1 16.7#

183 9.2 10.6 16.0#



#78

Terphenyl-d14

Concen: 95.482 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035469.D

Acq: 28 Jun 2018 7:14

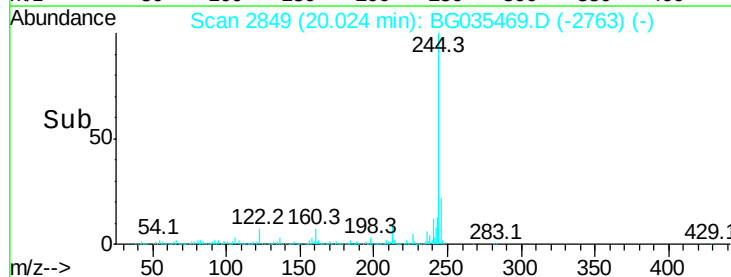
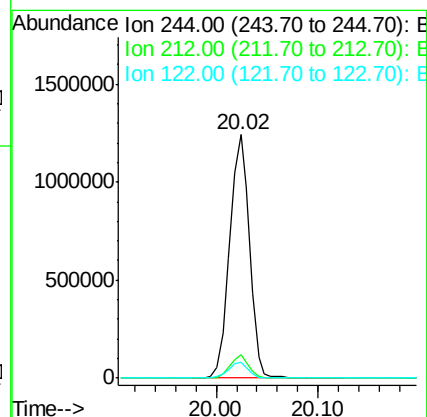
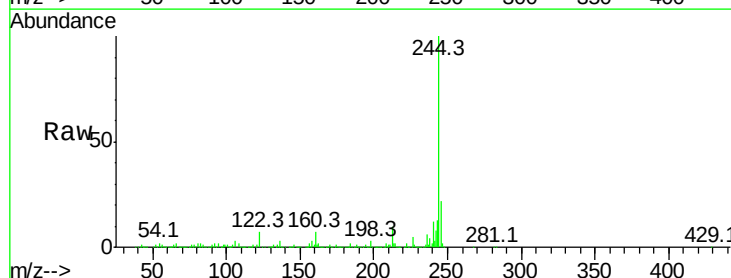
Tgt Ion:244 Resp: 1685345

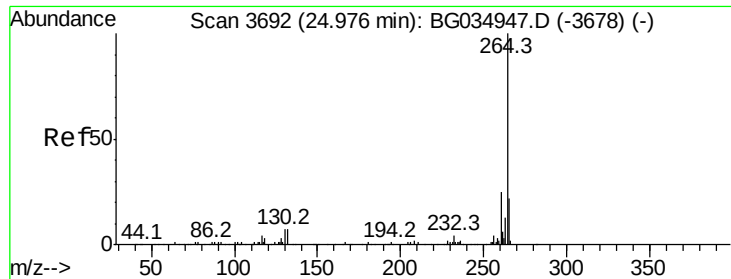
Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

122 6.6 7.0 10.4#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3680
Delta R.T. -0.05 min
Lab File: BG035469.D
Acq: 28 Jun 2018 7:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.0
265	21.0	17.7	26.5

