

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090418\
 Data File : BG036550.D
 Acq On : 5 Sep 2018 4:15
 Operator : JU/SJ
 Sample : J4759-09
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 05 06:47:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

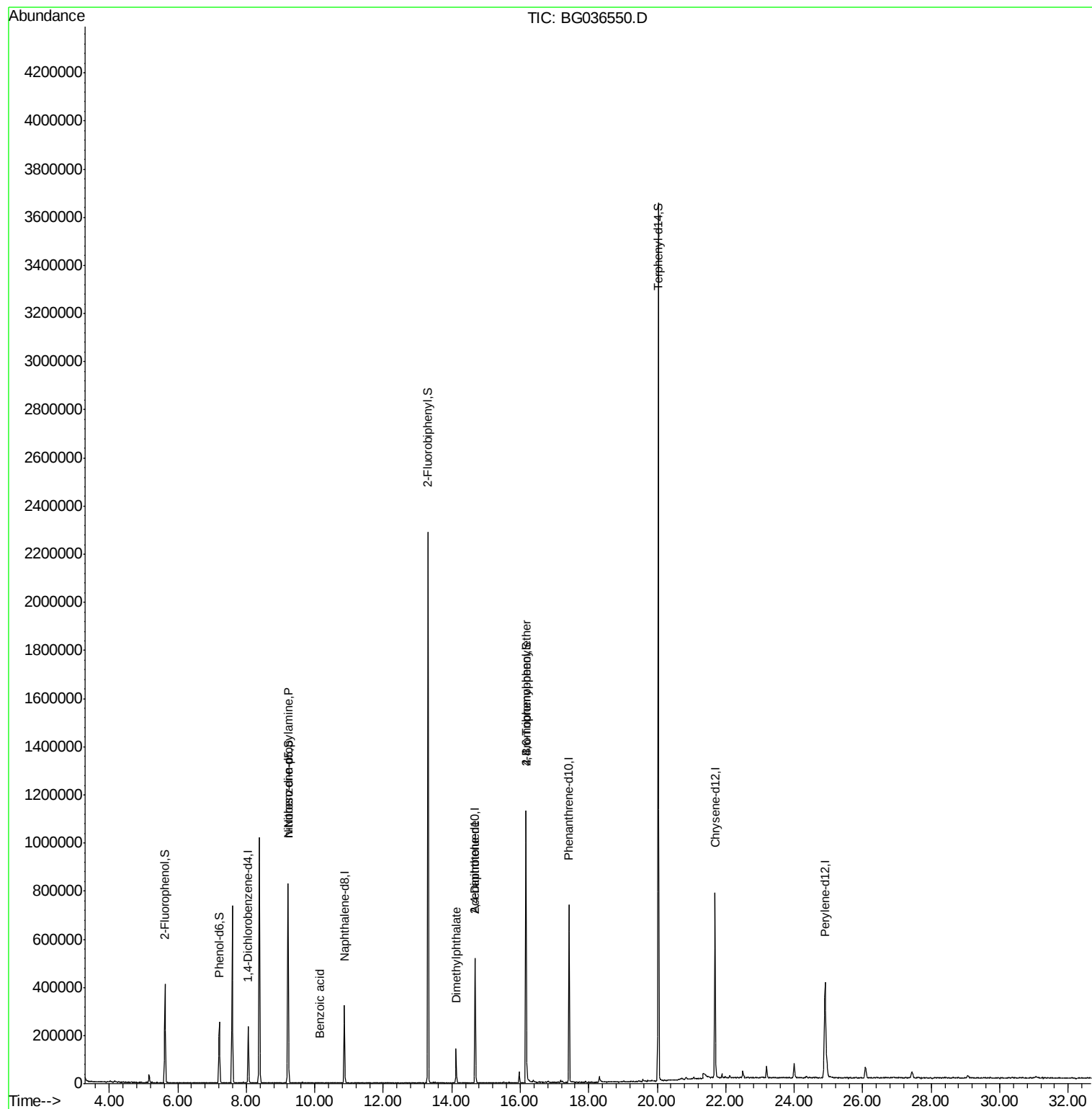
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	66766	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	279300	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	181367	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	463369	20.00	ng	0.00
75) Chrysene-d12	21.69	240	488753	20.00	ng	0.00
86) Perylene-d12	24.90	264	477501	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	176911	42.03	ng	0.00
7) Phenol-d6	7.21	99	152789	25.35	ng	0.00
23) Nitrobenzene-d5	9.22	82	519277	100.87	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	215732	99.69	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1190500	93.72	ng	0.00
78) Terphenyl-d14	20.03	244	1708920	81.72	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	69112	15.346	ng	# 70
32) Benzoic acid	10.16	122	61	4.497	ng	# 1
49) Dimethylphthalate	14.13	163	94214	6.362	ng	99
56) 2,4-Dinitrotoluene	14.68	165	24131	6.076	ng	# 20
66) 4-Bromophenyl-phenylether	16.17	248	15359	2.831	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090418\
Data File : BG036550.D
Acq On : 5 Sep 2018 4:15
Operator : JU/SJ
Sample : J4759-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 05 06:47:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration



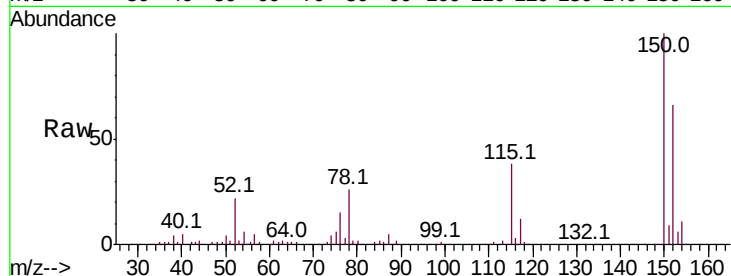


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG036550.D
Acq: 5 Sep 2018 4:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.6	119.5	179.3
115	57.3	44.5	66.7

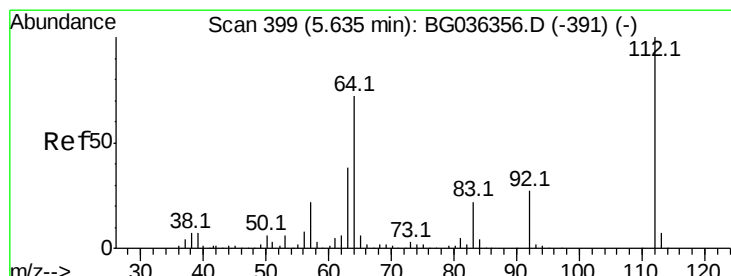
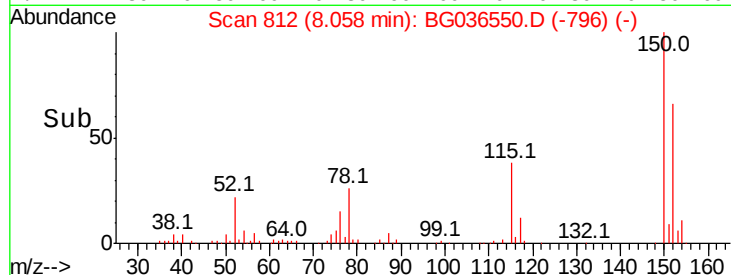
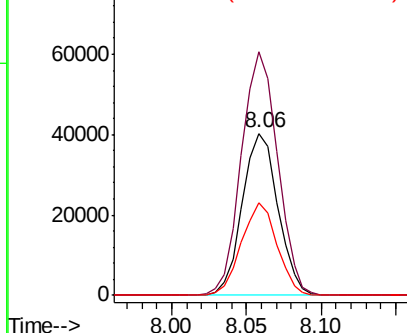


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

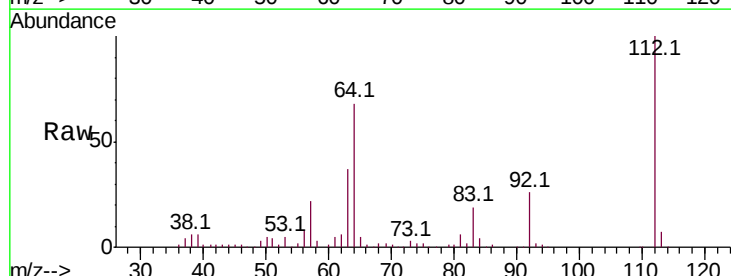
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 42.032 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036550.D
Acq: 5 Sep 2018 4:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.2	57.2	85.8
63	37.2	30.8	46.2

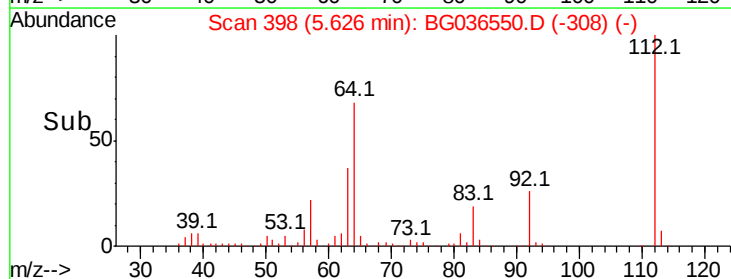
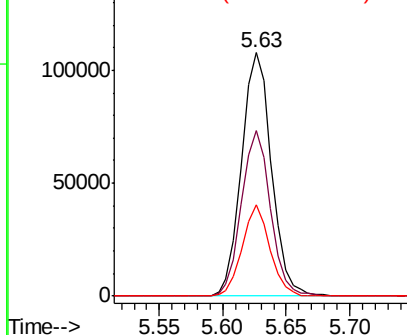


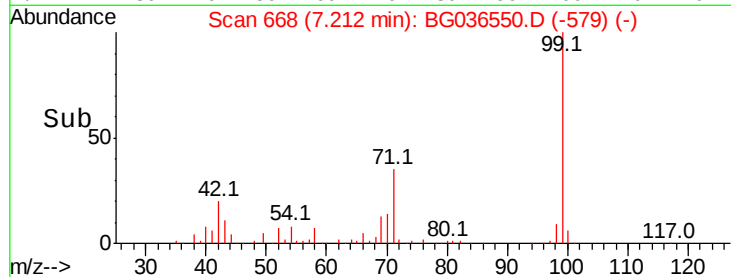
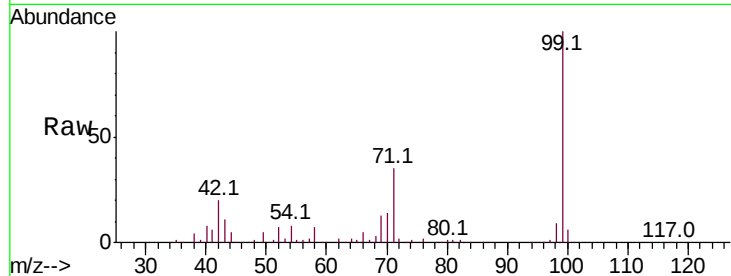
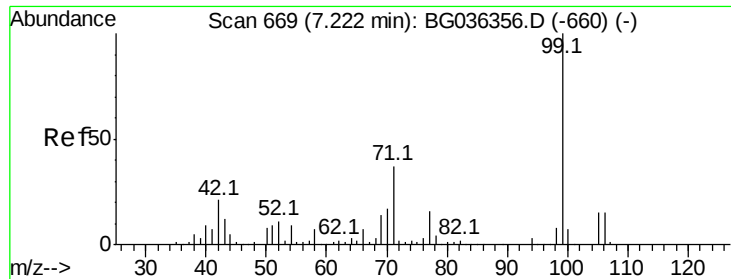
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 25.354 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036550.D

Acq: 5 Sep 2018 4:15

Instrument :

BNA_G

ClientSampled :

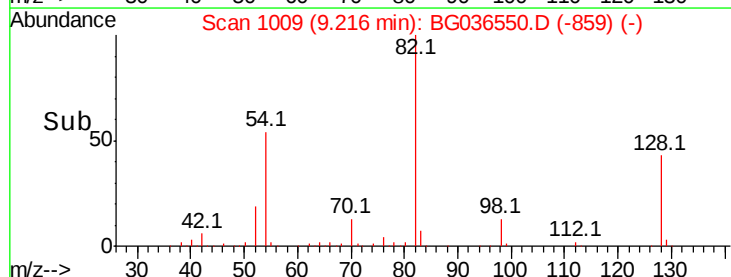
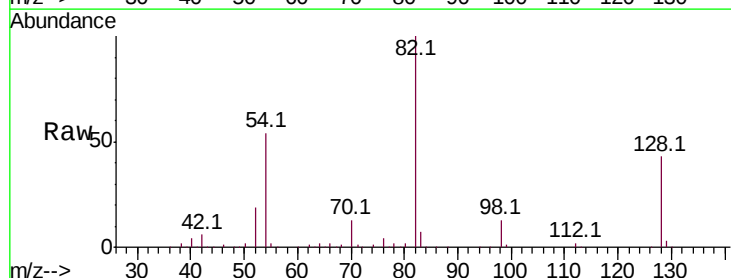
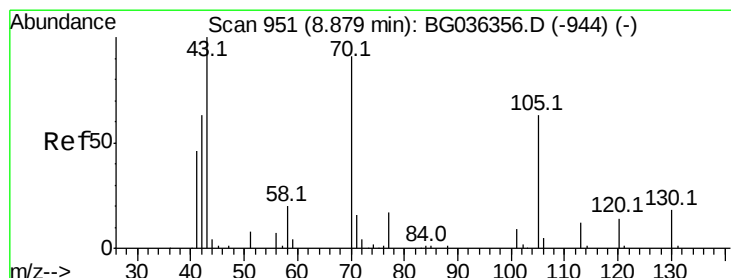
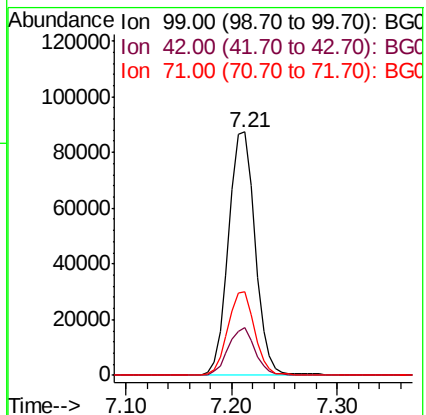
Tot Ion: 99 Resp: 152789

Ion Ratio Lower Upper

99 100

42 19.7 16.5 24.7

71 34.5 29.4 44.2



#19

n-Nitroso-di-n-propylamine

Concen: 15.346 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.35 min

Lab File: BG036550.D

Acq: 5 Sep 2018 4:15

Tgt Ion: 70 Resp: 69112

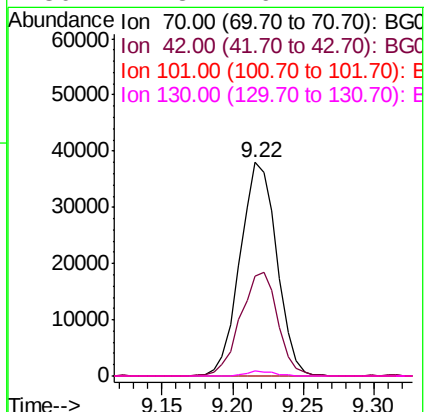
Ion Ratio Lower Upper

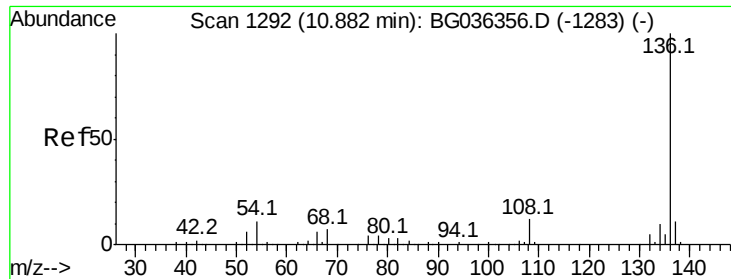
70 100

42 46.8 56.2 84.4#

101 0.0 7.8 11.6#

130 2.3 16.2 24.2#

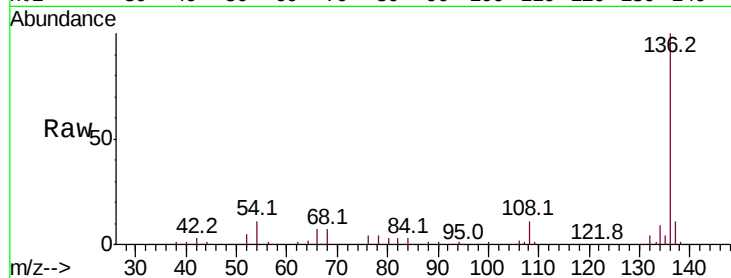




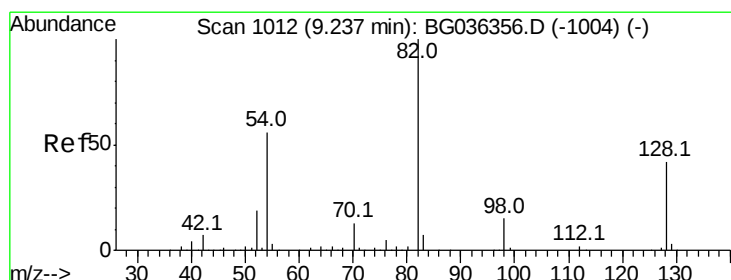
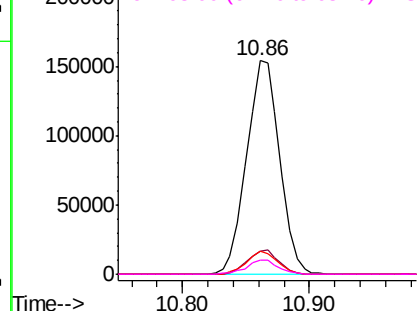
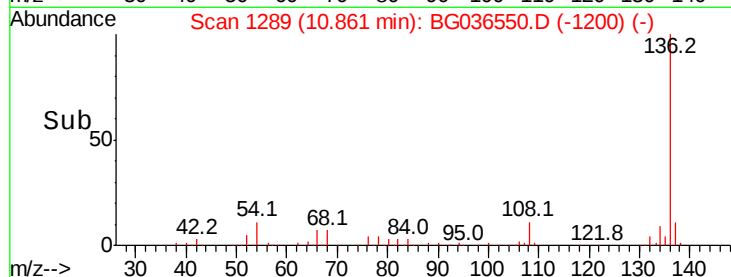
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BG036550.D
Acq: 5 Sep 2018 4:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	279300
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	10.6	9.2	13.8
68	6.8	5.8	8.6

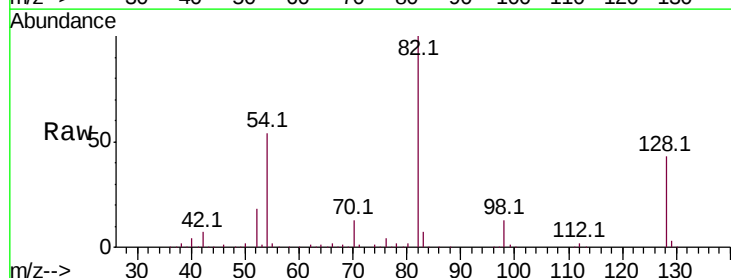


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

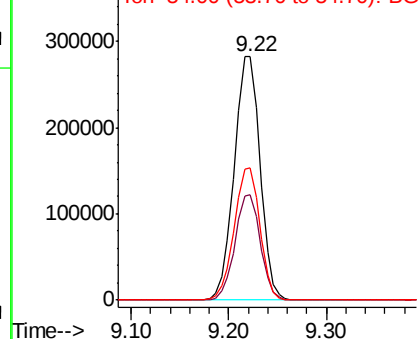
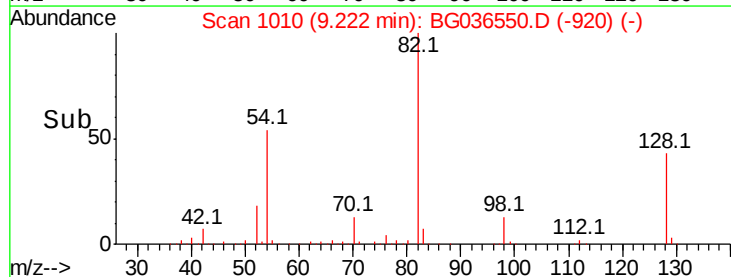


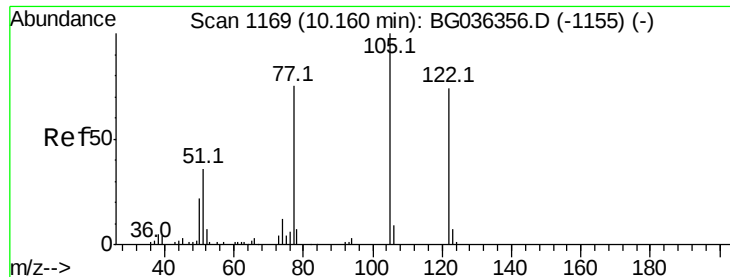
#23
Nitrobenzene-d5
Concen: 100.875 ng
RT: 9.22 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BG036550.D
Acq: 5 Sep 2018 4:15

Tgt Ion:	82	Resp:	519277
Ion	Ratio	Lower	Upper
82	100		
128	43.5	33.3	49.9
54	54.2	45.1	67.7



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

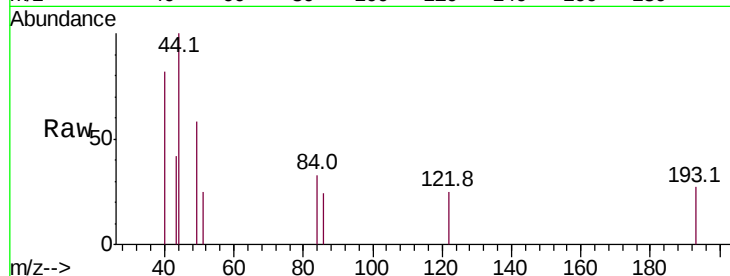




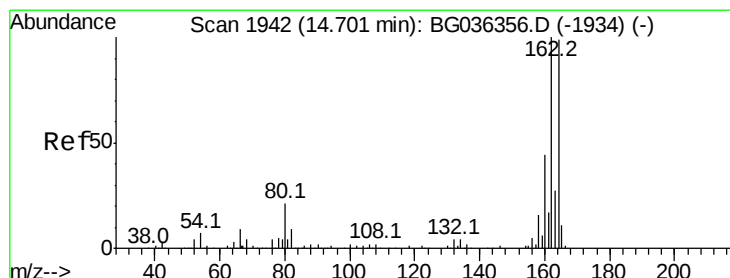
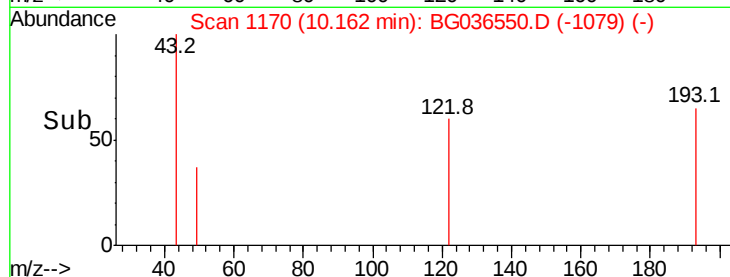
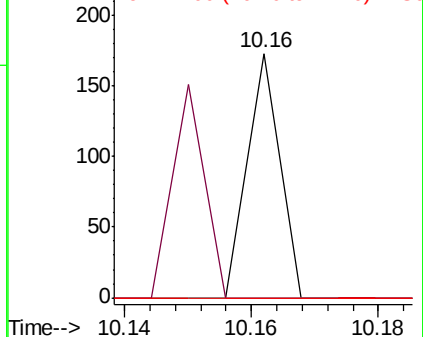
#32
Benzoic acid
Concen: 4.497 ng
RT: 10.16 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BG036550.D
Acq: 5 Sep 2018 4:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 61
Ion Ratio Lower Upper
122 100
105 0.0 108.1 148.1#
77 0.0 76.3 116.3#

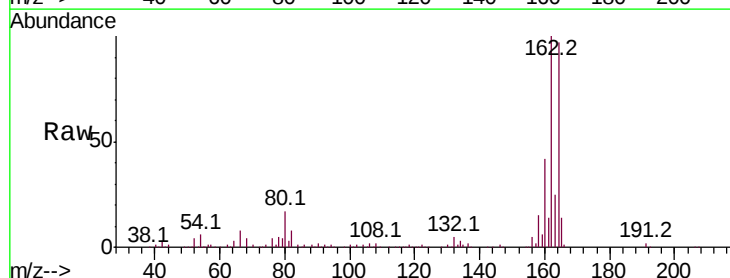


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): B

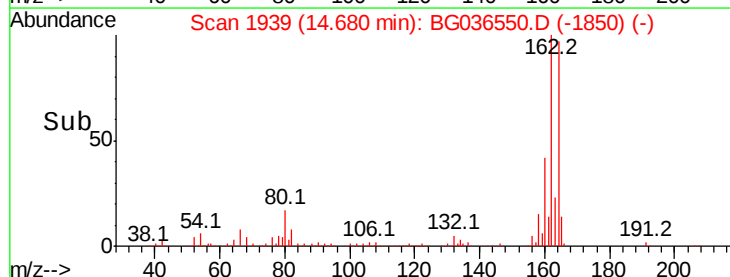
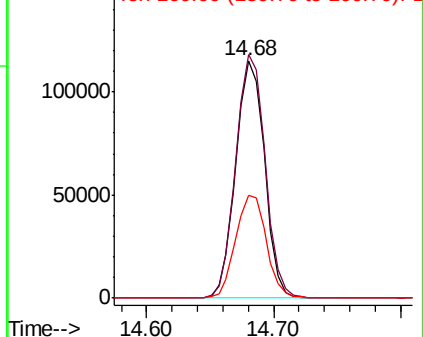


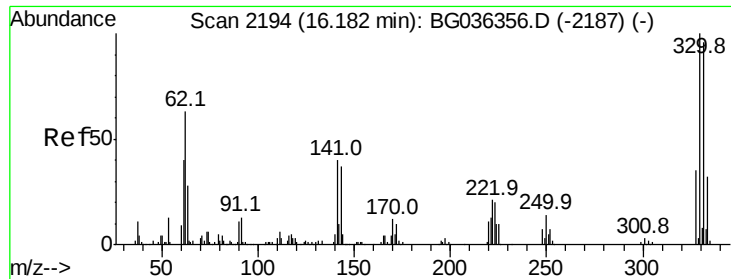
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG036550.D
Acq: 5 Sep 2018 4:15

Tgt Ion:164 Resp: 181367
Ion Ratio Lower Upper
164 100
162 102.6 80.7 121.1
160 43.1 35.3 52.9



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: 99.686 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BG036550.D

Acq: 5 Sep 2018 4:15

Instrument :

BNA_G

ClientSampleId :

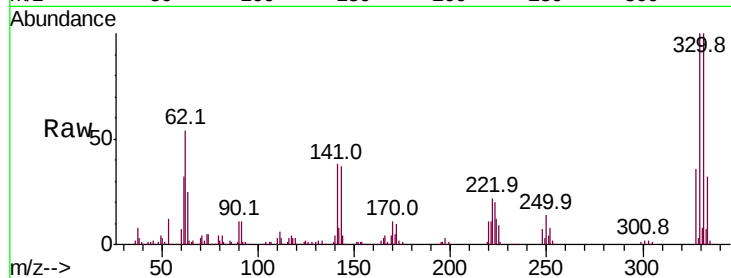
Tot Ion:330 Resp: 215732

Ion Ratio Lower Upper

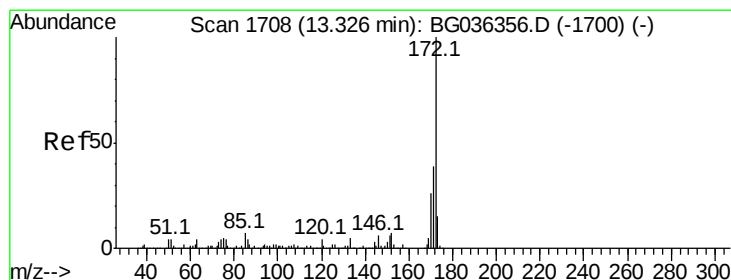
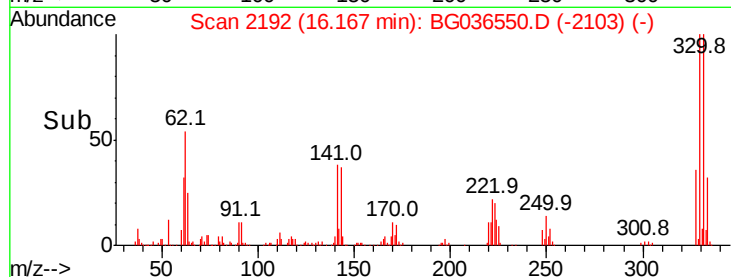
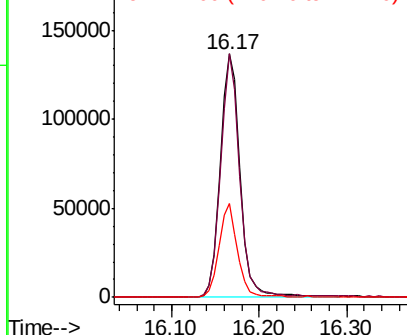
330 100

332 96.3 75.4 113.2

141 35.8 30.7 46.1



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: 93.723 ng

RT: 13.31 min Scan# 1705

Delta R.T. -0.01 min

Lab File: BG036550.D

Acq: 5 Sep 2018 4:15

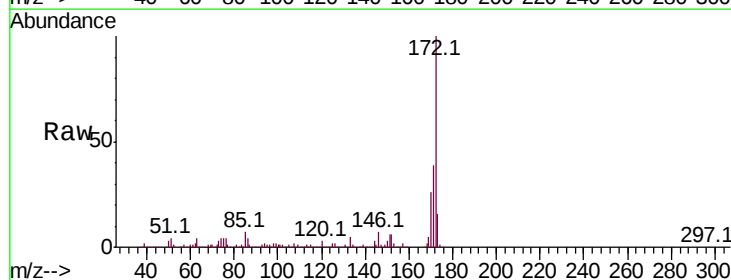
Tgt Ion:172 Resp: 1190500

Ion Ratio Lower Upper

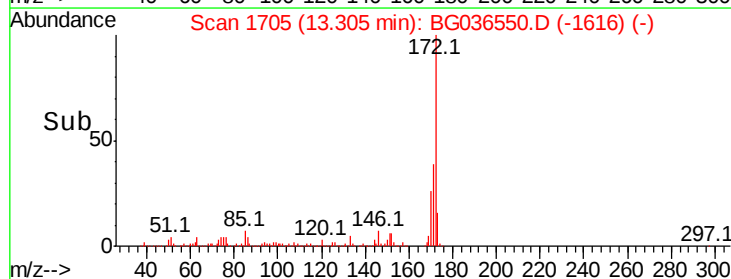
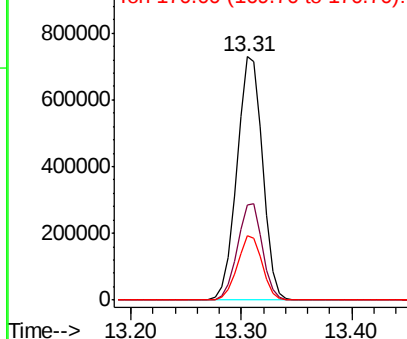
172 100

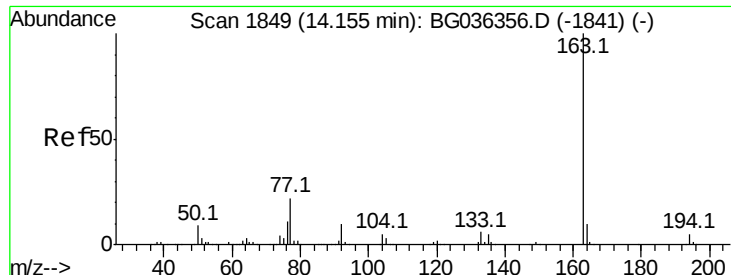
171 39.2 31.3 46.9

170 26.3 21.0 31.6



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

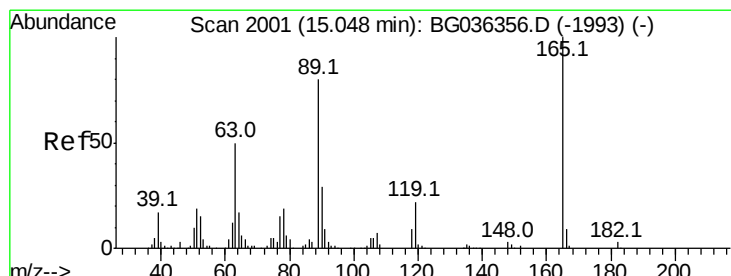
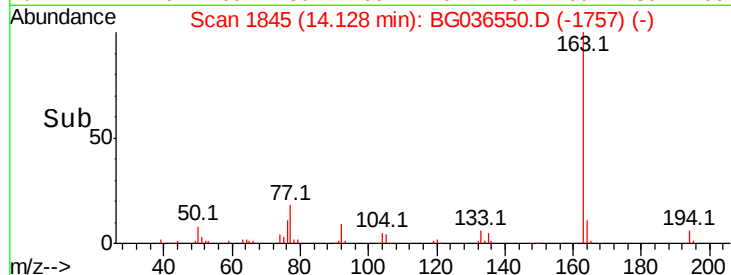
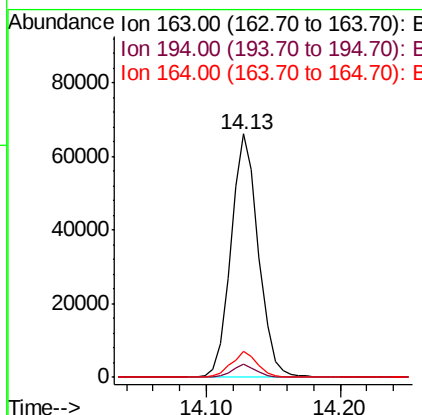
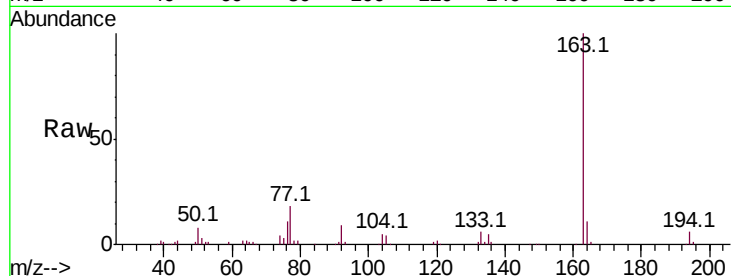




#49
Dimethylphthalate
Concen: 6.362 ng
RT: 14.13 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BG036550.D
Acq: 5 Sep 2018 4:15

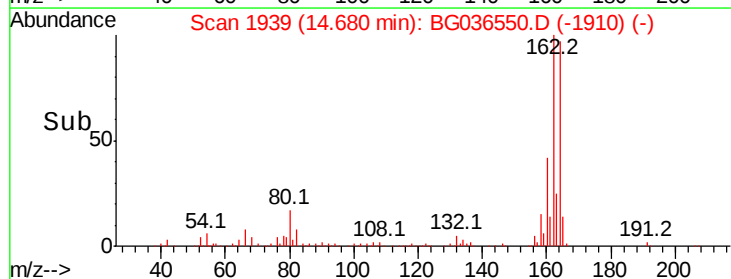
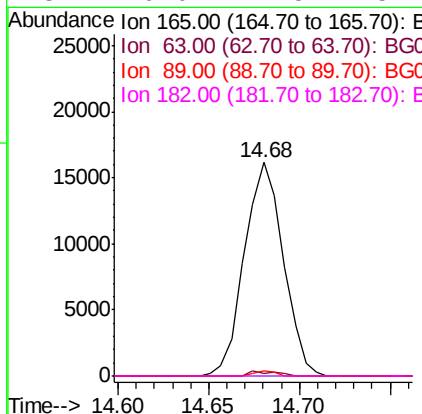
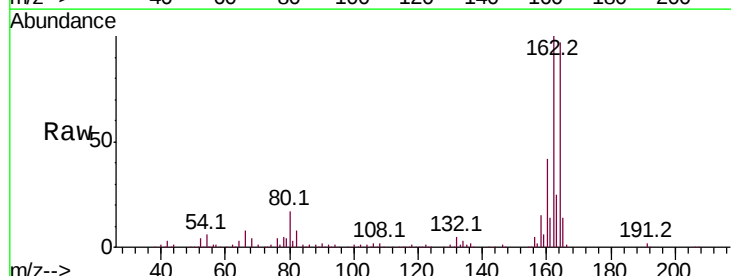
Instrument :
BNA_G
ClientSampleId :

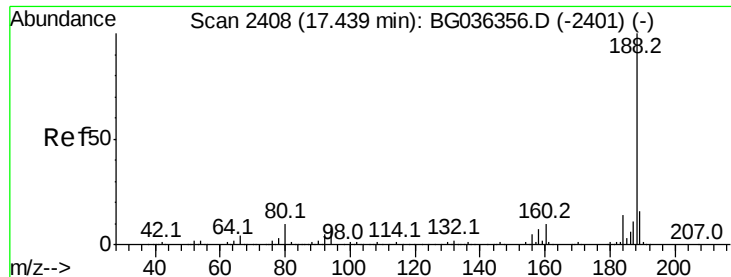
Tot Ion:163 Resp: 94214
Ion Ratio Lower Upper
163 100
194 5.6 4.0 6.0
164 10.6 8.1 12.1



#56
2,4-Dinitrotoluene
Concen: 6.076 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.36 min
Lab File: BG036550.D
Acq: 5 Sep 2018 4:15

Tgt Ion:165 Resp: 24131
Ion Ratio Lower Upper
165 100
63 1.0 40.1 60.1#
89 2.5 63.7 95.5#
182 0.0 2.5 3.7#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2406

Delta R.T. -0.01 min

Lab File: BG036550.D

Acq: 5 Sep 2018 4:15

Instrument :

BNA_G

ClientSampleId :

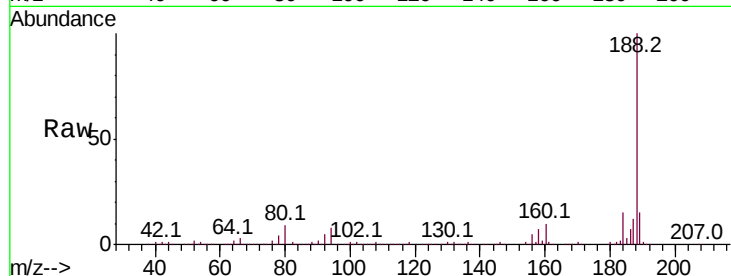
Tot Ion:188 Resp: 463369

Ion Ratio Lower Upper

188 100

94 7.5 6.7 10.1

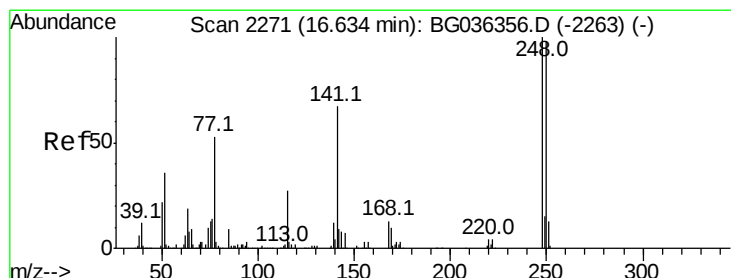
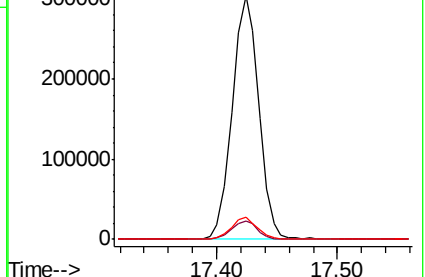
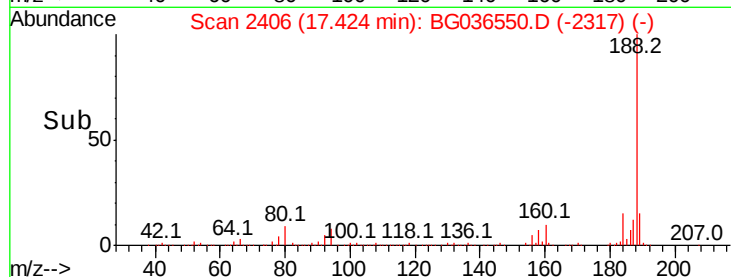
80 9.4 8.1 12.1



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: 2.831 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.45 min

Lab File: BG036550.D

Acq: 5 Sep 2018 4:15

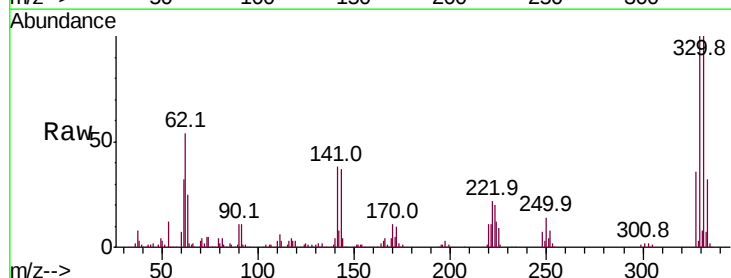
Tgt Ion:248 Resp: 15359

Ion Ratio Lower Upper

248 100

250 192.8 78.1 117.1#

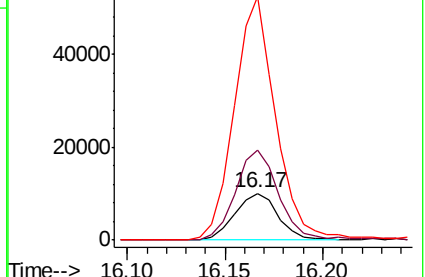
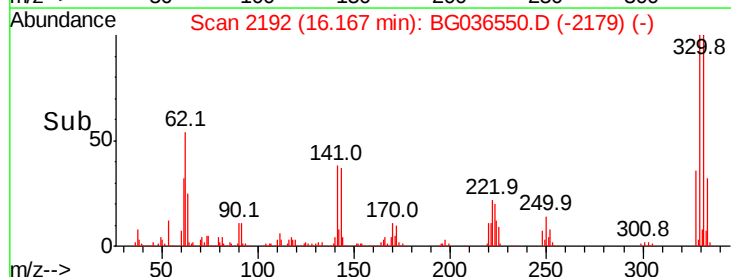
141 518.3 53.7 80.5#

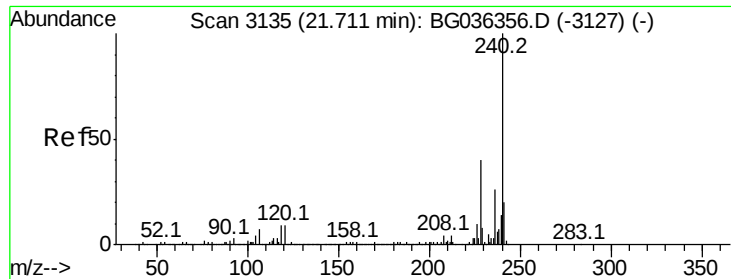


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.69 min Scan# 3132

Delta R.T. -0.01 min

Lab File: BG036550.D

Acq: 5 Sep 2018 4:15

Instrument :

BNA_G

ClientSampleId :

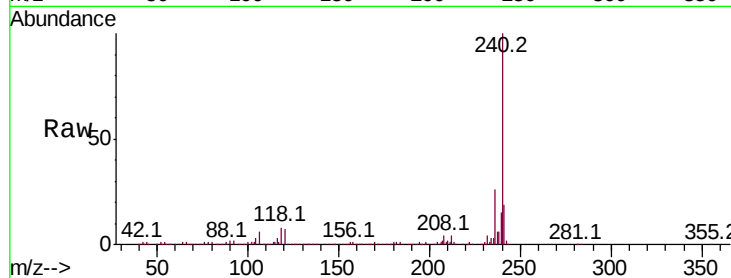
Tot Ion:240 Resp: 488753

Ion Ratio Lower Upper

240 100

120 7.5 6.9 10.3

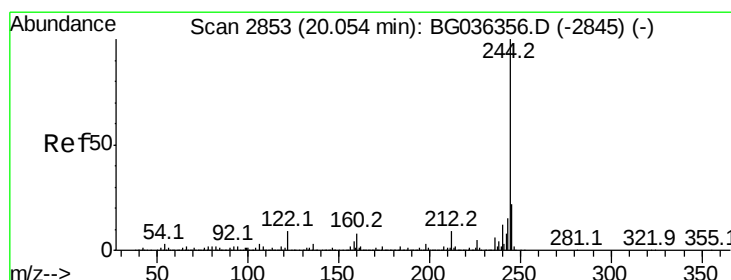
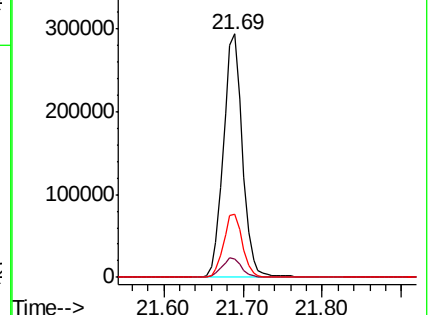
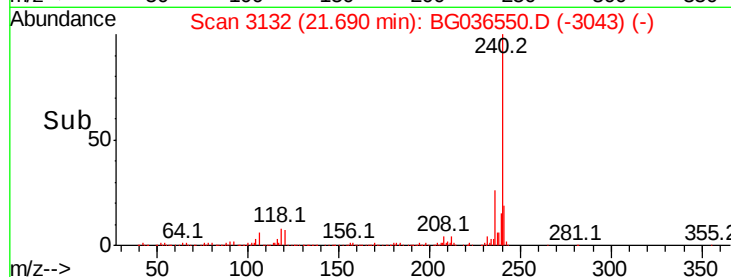
236 25.9 21.2 31.8



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: 81.725 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG036550.D

Acq: 5 Sep 2018 4:15

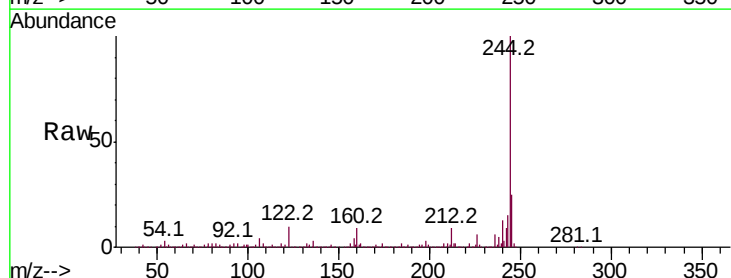
Tgt Ion:244 Resp: 1708920

Ion Ratio Lower Upper

244 100

212 9.3 7.0 10.6

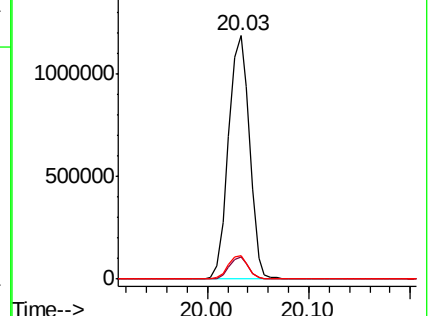
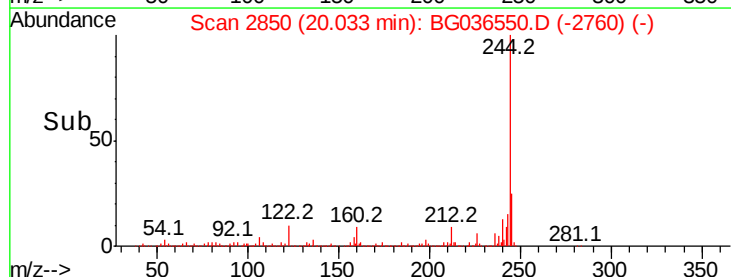
122 9.5 7.1 10.7

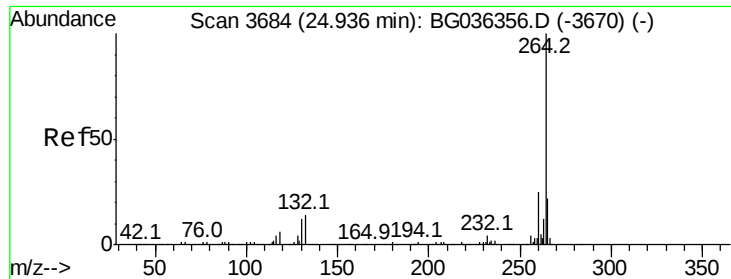


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.90 min Scan# 3678
 Delta R.T. -0.01 min
 Lab File: BG036550.D
 Acq: 5 Sep 2018 4:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.6	29.4
265	22.3	17.4	26.0

