

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091018\
 Data File : BG036640.D
 Acq On : 11 Sep 2018 00:51
 Operator : JU/SJ
 Sample : PB112736BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 11 01:57:20 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

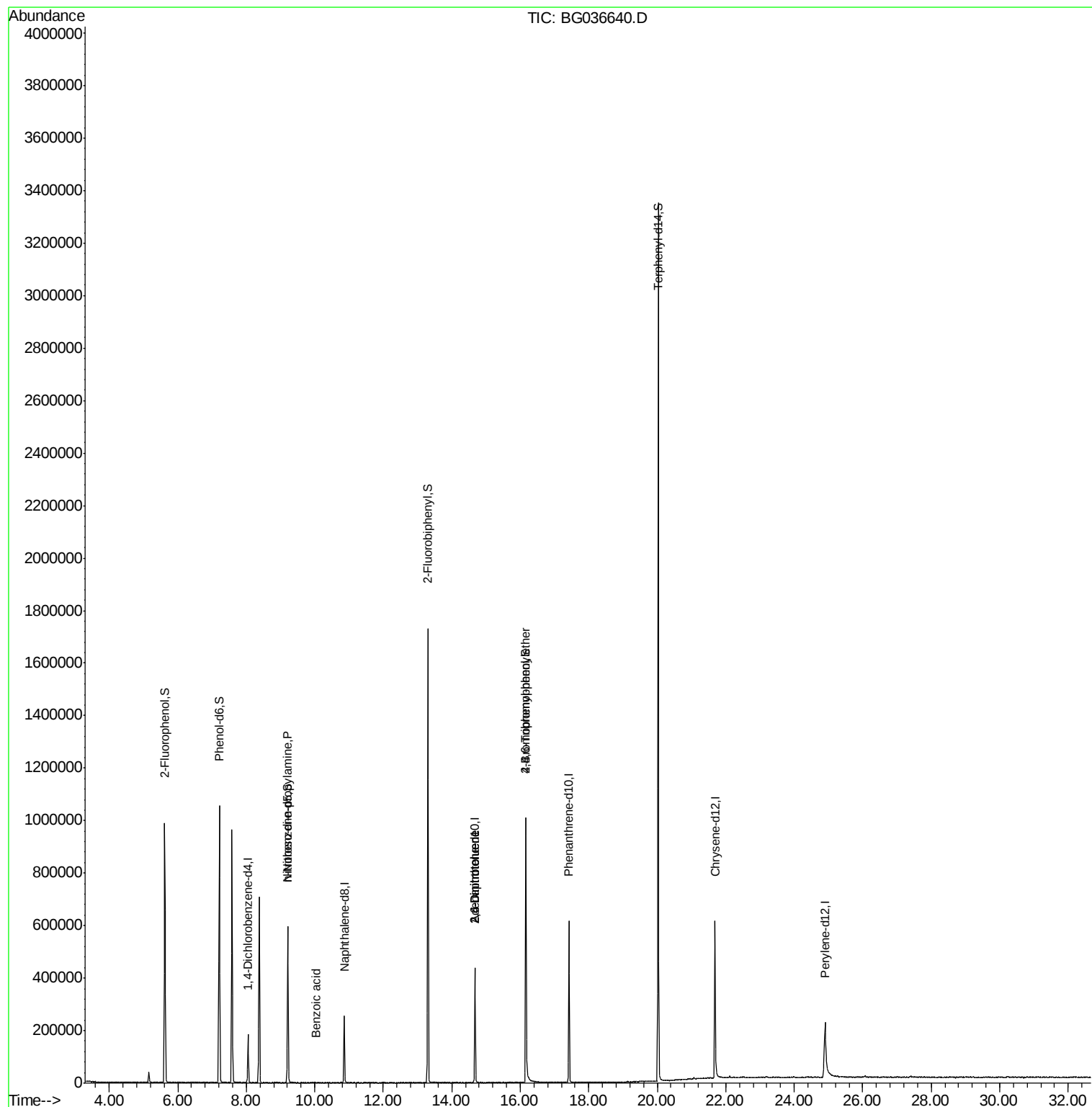
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	53125	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	226212	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	156889	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	399411	20.00	ng	0.00
75) Chrysene-d12	21.68	240	412484	20.00	ng	-0.01
86) Perylene-d12	24.90	264	329399	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	425956	127.19	ng	0.00
7) Phenol-d6	7.21	99	614244	128.10	ng	0.00
23) Nitrobenzene-d5	9.21	82	368755	88.45	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	216911	115.87	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	922365	83.94	ng	-0.01
78) Terphenyl-d14	20.03	244	1549809	87.82	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	49185	13.725	ng	# 68
32) Benzoic acid	10.03	122	58	4.501	ng	# 1
50) 2,6-Dinitrotoluene	14.67	165	19142	7.261	ng	# 22
56) 2,4-Dinitrotoluene	14.67	165	19142	5.572	ng	# 20
66) 4-Bromophenyl-phenylether	16.17	248	15422	3.298	ng	# 1

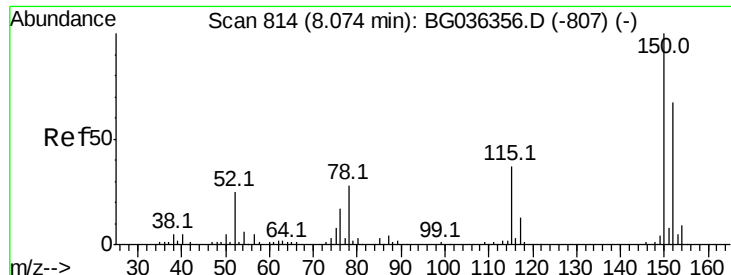
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091018\
Data File : BG036640.D
Acq On : 11 Sep 2018 00:51
Operator : JU/SJ
Sample : PB112736BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 11 01:57:20 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



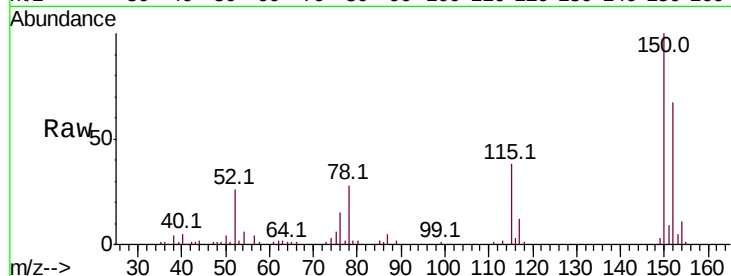


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036640.D
Acq: 11 Sep 2018 00:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.6	119.5	179.3
115	57.0	44.5	66.7

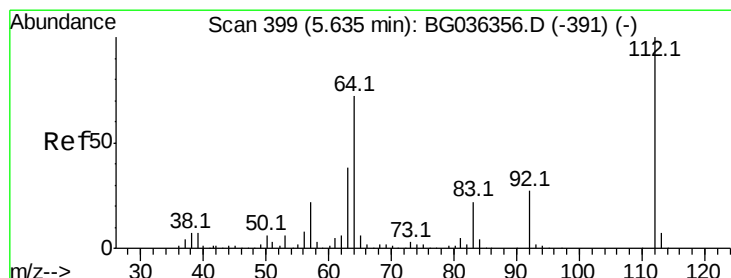
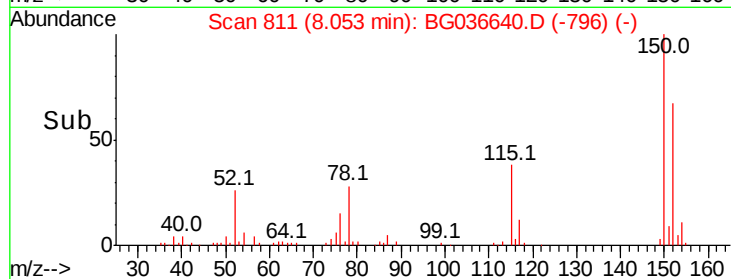
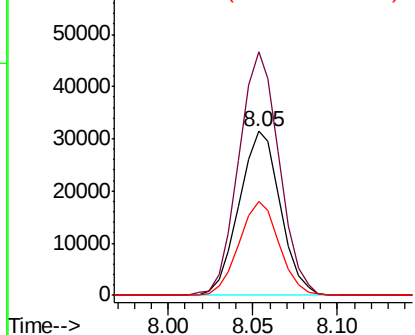


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

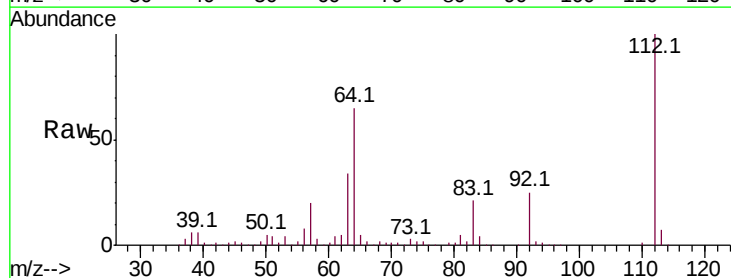
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 127.189 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036640.D
Acq: 11 Sep 2018 00:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.8	57.2	85.8
63	33.6	30.8	46.2

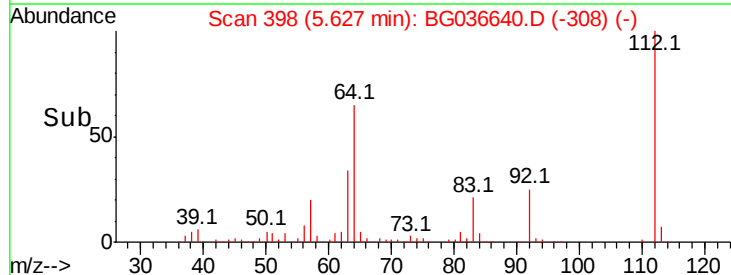
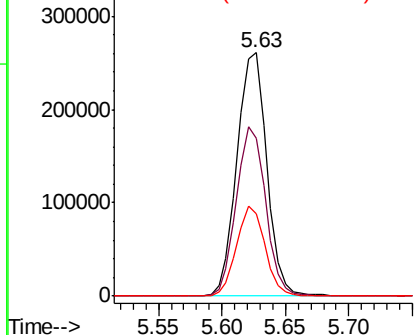


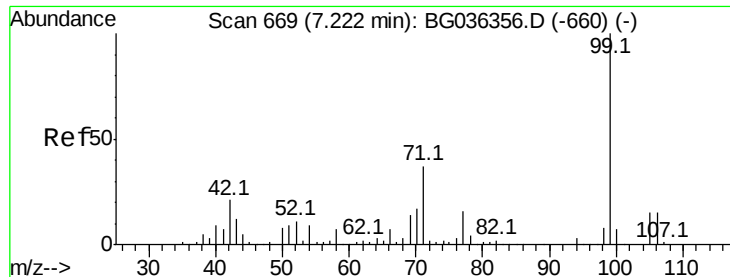
Abundance

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: 128.103 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG036640.D

Acq: 11 Sep 2018 00:51

Instrument :

BNA_G

ClientSampleId :

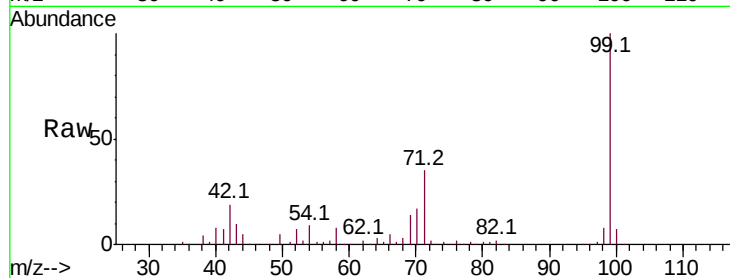
Tot Ion: 99 Resp: 614244

Ion Ratio Lower Upper

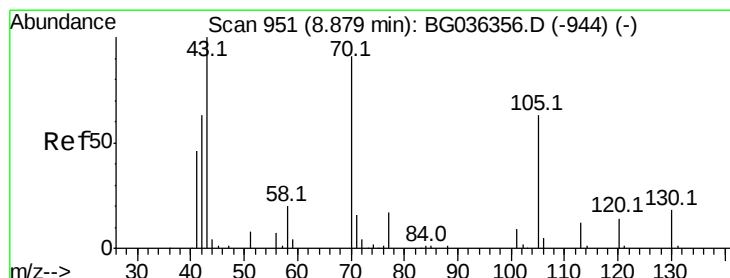
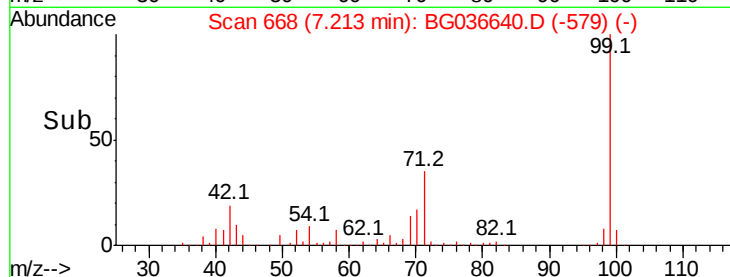
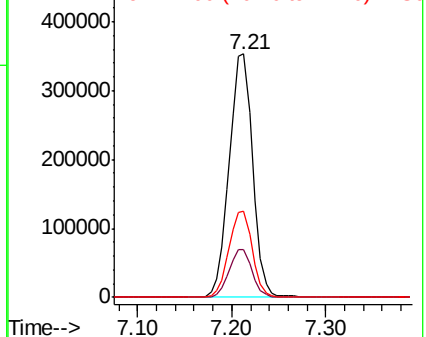
99 100

42 19.5 16.5 24.7

71 35.2 29.4 44.2



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: 13.725 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036640.D

Acq: 11 Sep 2018 00:51

Tgt Ion: 70 Resp: 49185

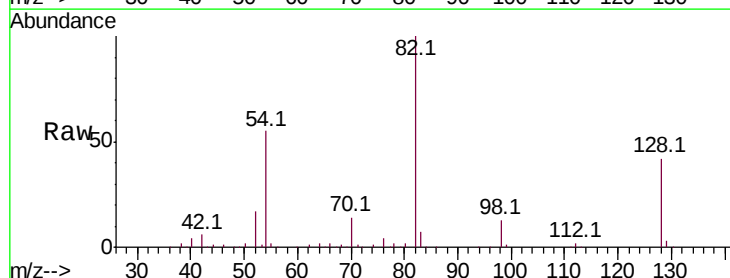
Ion Ratio Lower Upper

70 100

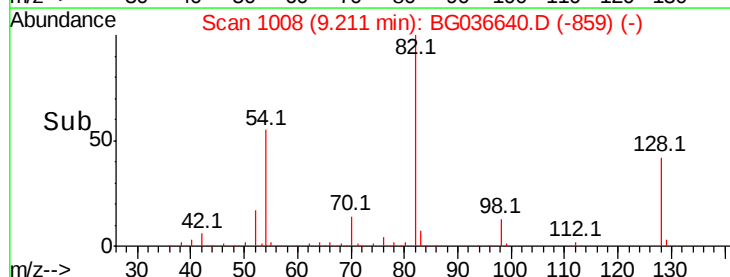
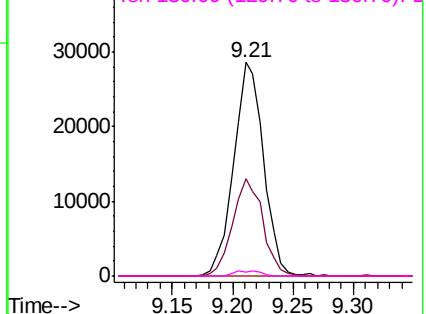
42 45.3 56.2 84.4#

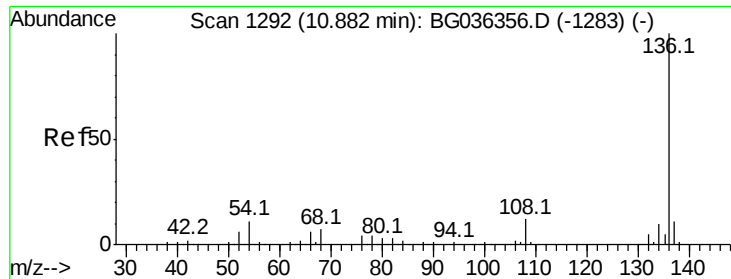
101 0.0 7.8 11.6#

130 1.8 16.2 24.2#



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

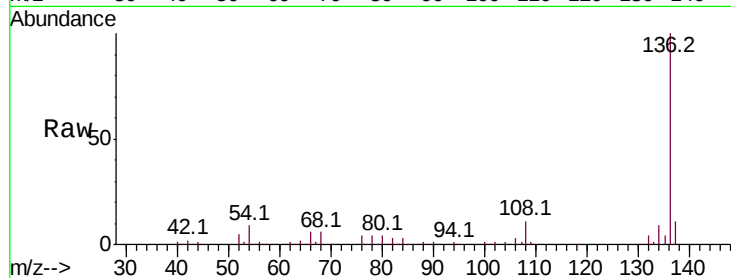




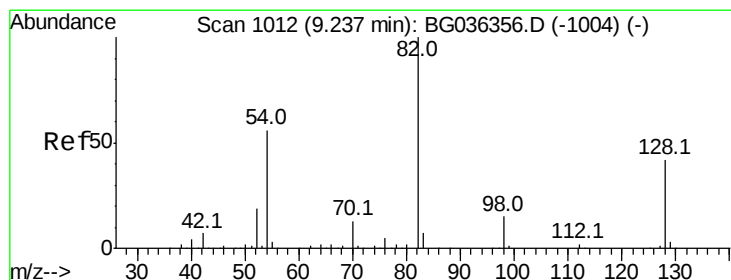
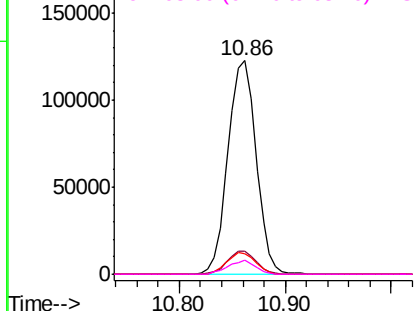
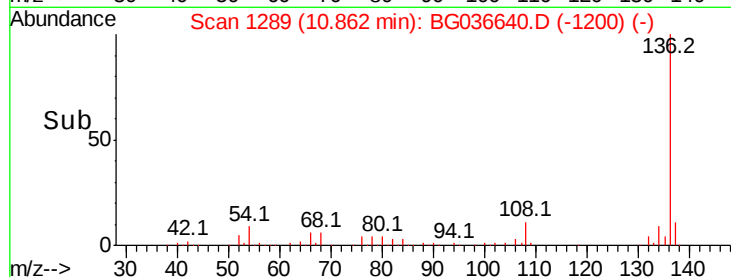
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG036640.D
Acq: 11 Sep 2018 00:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	226212
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	9.4	9.2	13.8
68	6.4	5.8	8.6

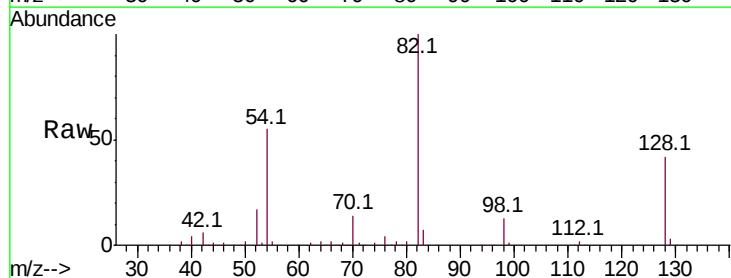


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

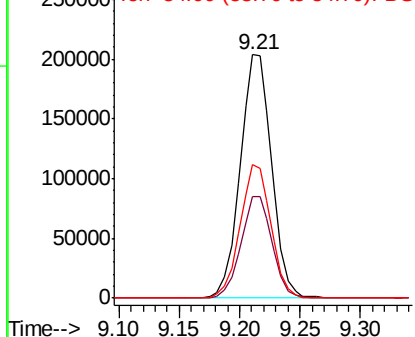
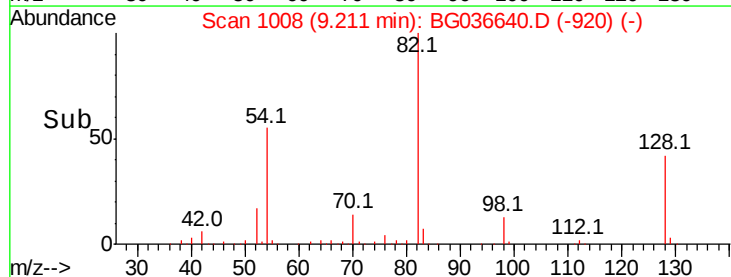


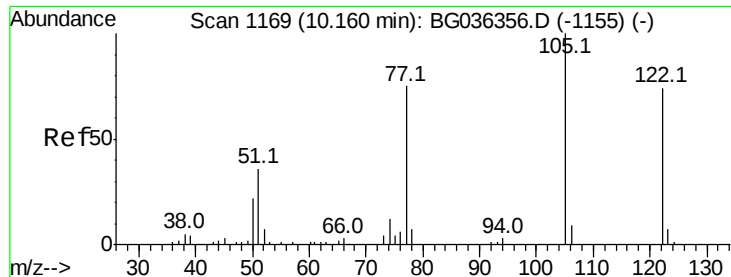
#23
Nitrobenzene-d5
Concen: 88.445 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036640.D
Acq: 11 Sep 2018 00:51

Tgt Ion:	82	Resp:	368755
Ion	Ratio	Lower	Upper
82	100		
128	41.6	33.3	49.9
54	54.6	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: 4.501 ng

RT: 10.03 min Scan# 1148

Delta R.T. -0.12 min

Lab File: BG036640.D

Acq: 11 Sep 2018 00:51

Instrument :

BNA_G

ClientSampled :

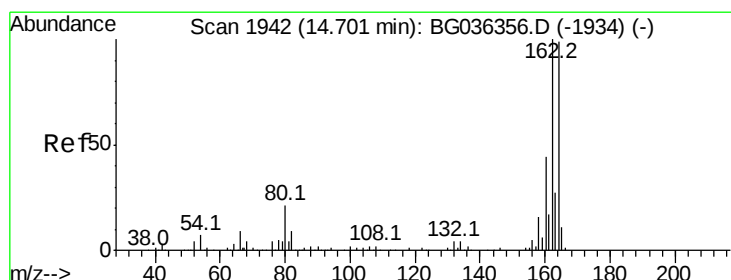
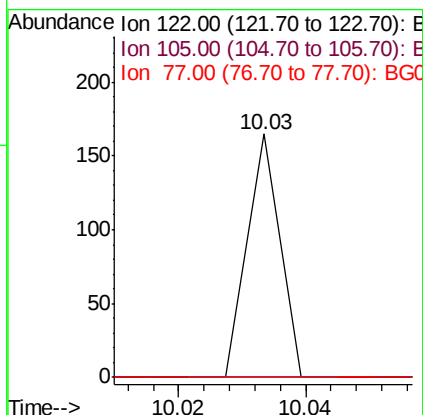
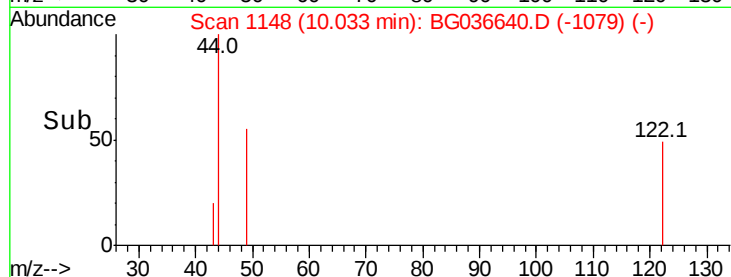
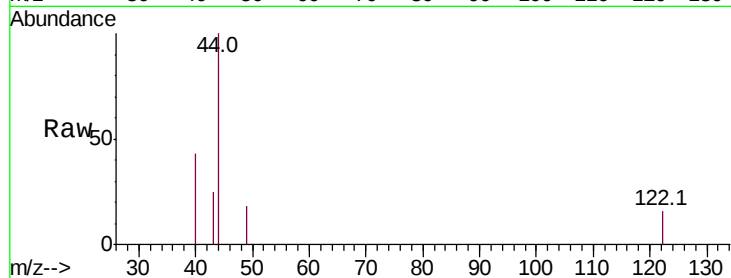
Tot Ion:122 Resp: 58

Ion Ratio Lower Upper

122 100

105 0.0 108.1 148.1#

77 0.0 76.3 116.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG036640.D

Acq: 11 Sep 2018 00:51

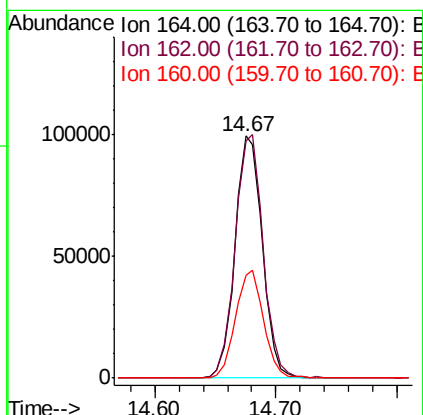
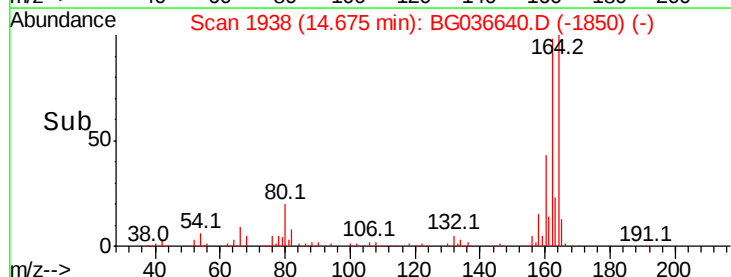
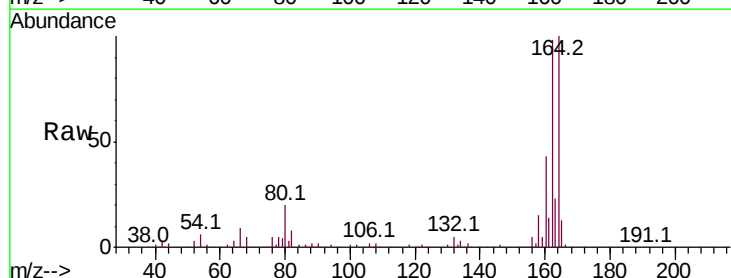
Tgt Ion:164 Resp: 156889

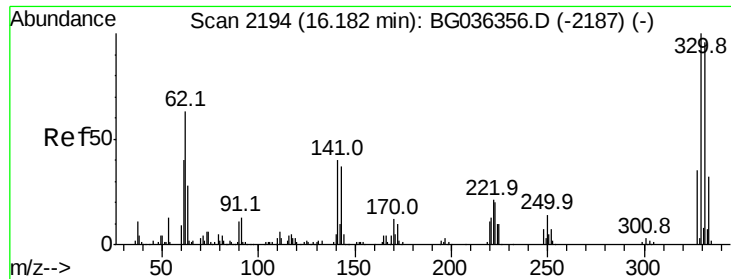
Ion Ratio Lower Upper

164 100

162 98.4 80.7 121.1

160 42.7 35.3 52.9





#41

2,4,6-Tribromophenol

Concen: 115.869 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BG036640.D

Acq: 11 Sep 2018 00:51

Instrument :

BNA_G

ClientSampleId :

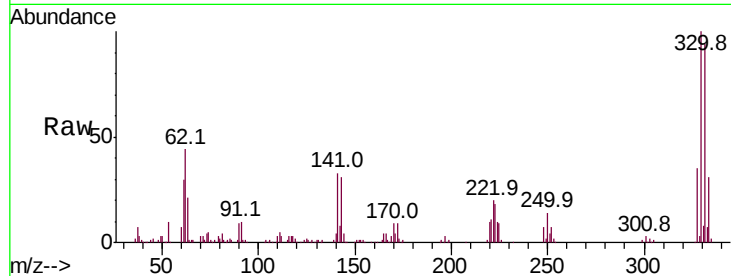
Tot Ion:330 Resp: 216911

Ion Ratio Lower Upper

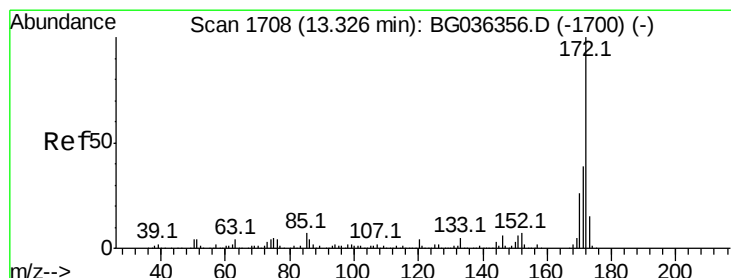
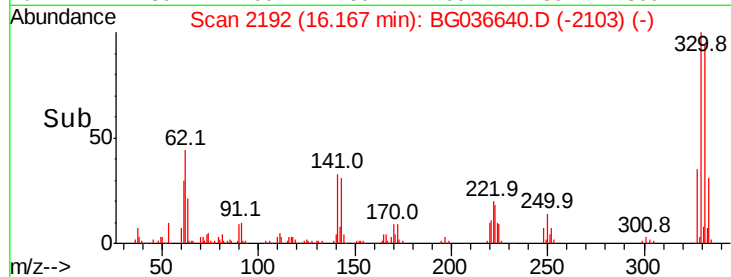
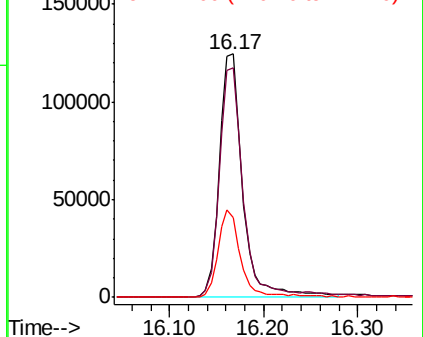
330 100

332 98.0 75.4 113.2

141 34.3 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: 83.943 ng

RT: 13.30 min Scan# 1704

Delta R.T. -0.01 min

Lab File: BG036640.D

Acq: 11 Sep 2018 00:51

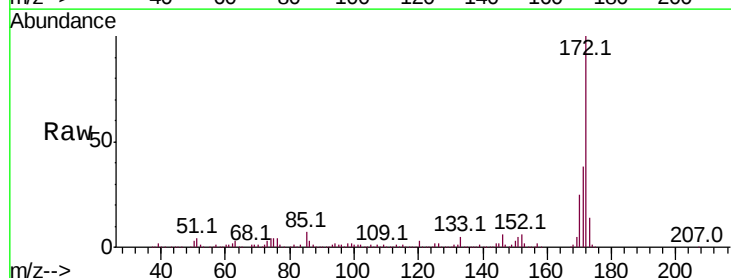
Tgt Ion:172 Resp: 922365

Ion Ratio Lower Upper

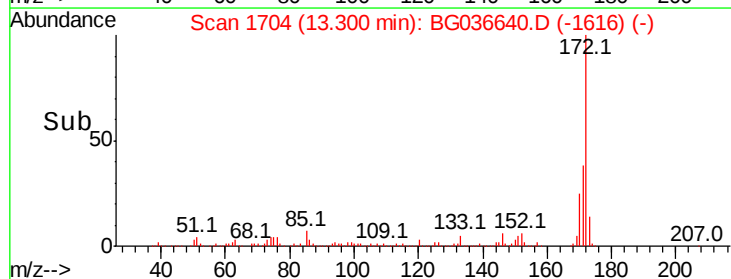
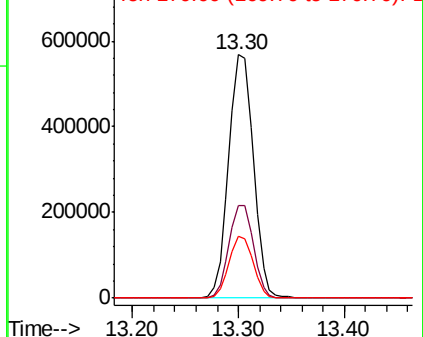
172 100

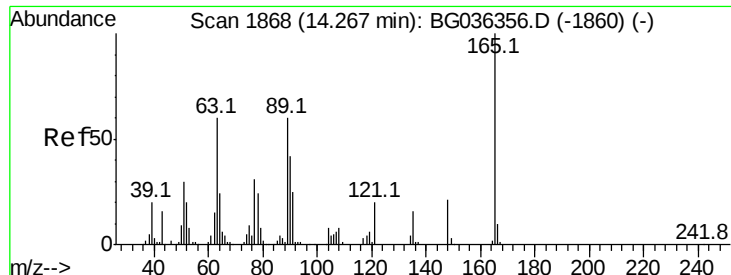
171 38.0 31.3 46.9

170 25.4 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

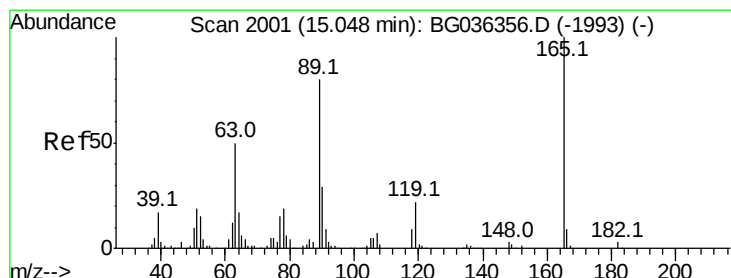
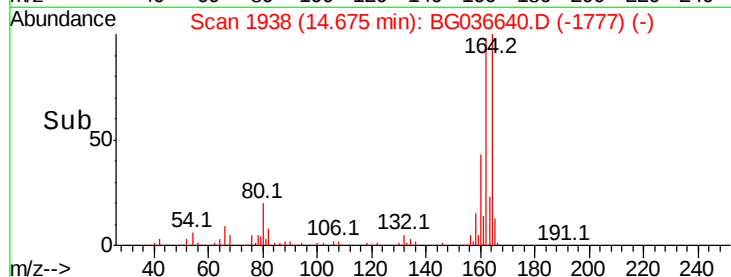
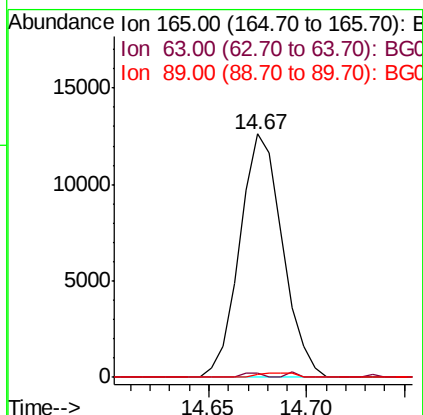
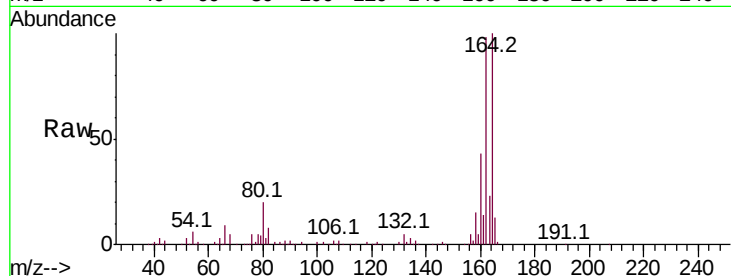




#50
 2,6-Dinitrotoluene
 Concen: 7.261 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. 0.42 min
 Lab File: BG036640.D
 Acq: 11 Sep 2018 00:51

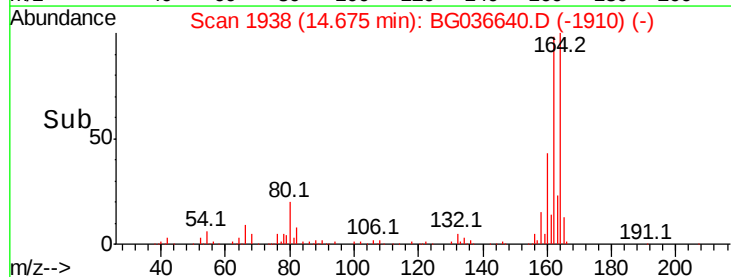
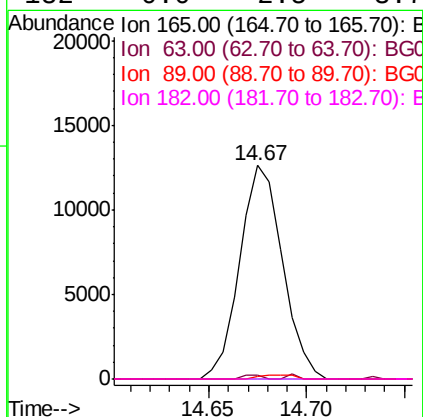
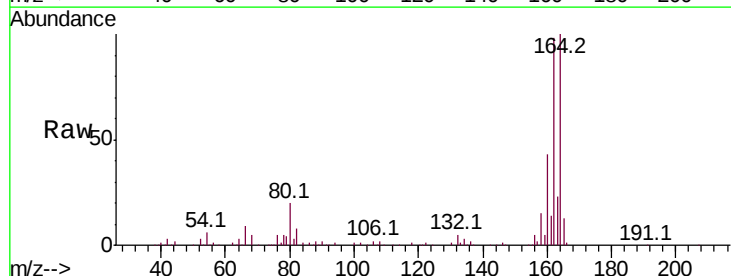
Instrument :
 BNA_G
 ClientSampleId :

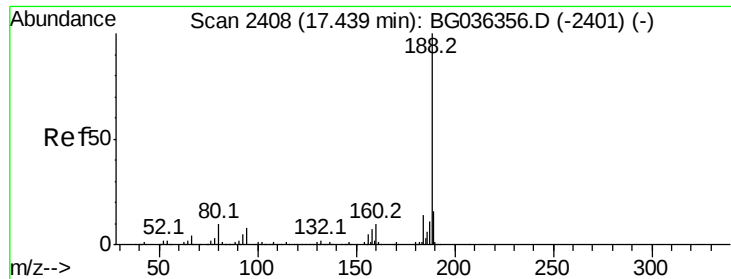
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	50.1	75.1#
89	1.4	47.8	71.6#



#56
 2,4-Dinitrotoluene
 Concen: 5.572 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.36 min
 Lab File: BG036640.D
 Acq: 11 Sep 2018 00:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	40.1	60.1#
89	1.4	63.7	95.5#
182	0.0	2.5	3.7#

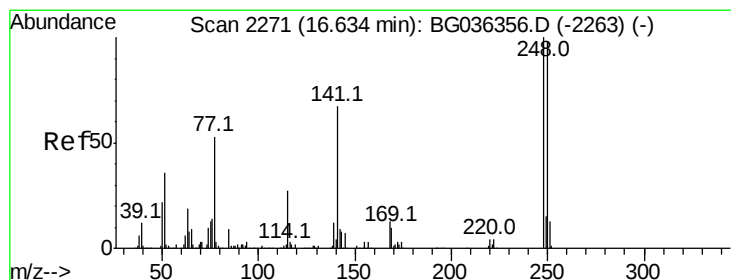
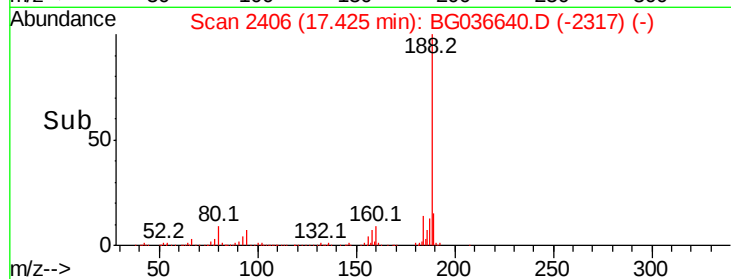
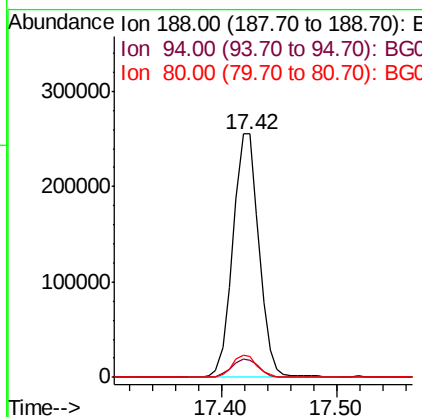
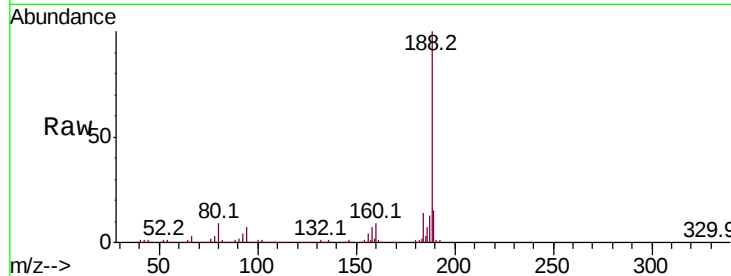




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.00 min
 Lab File: BG036640.D
 Acq: 11 Sep 2018 00:51

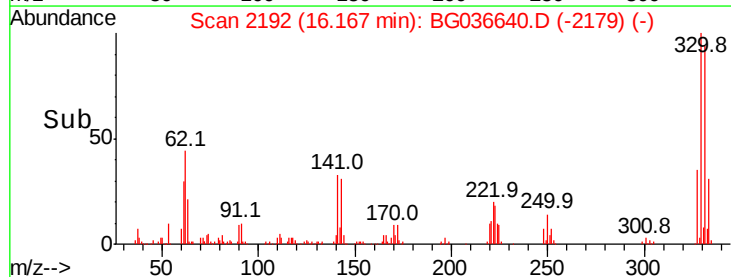
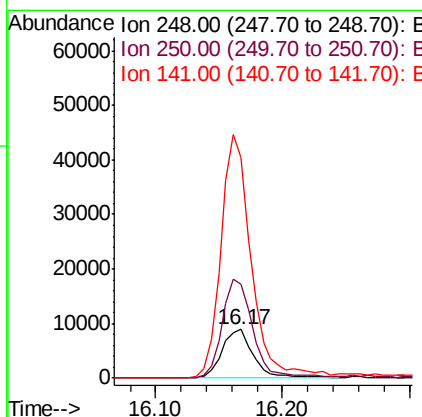
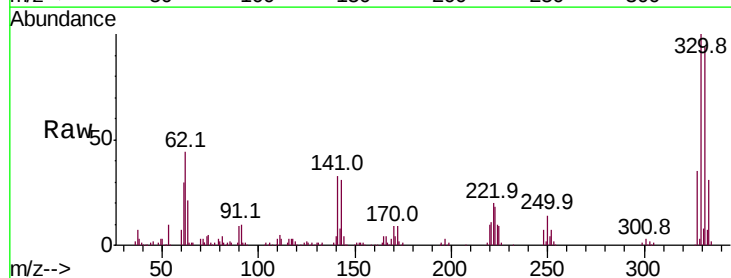
Instrument :
 BNA_G
 ClientSampleId :

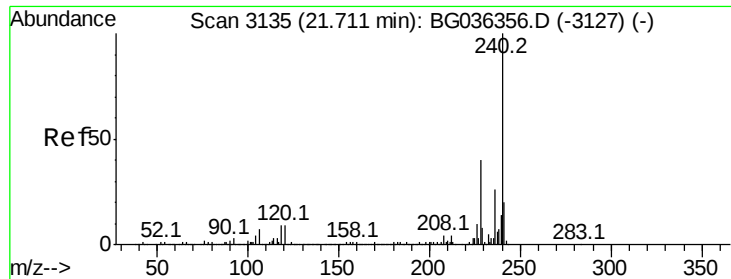
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.7	10.1
80	8.5	8.1	12.1



#66
 4-Bromophenyl-phenylether
 Concen: 3.298 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.45 min
 Lab File: BG036640.D
 Acq: 11 Sep 2018 00:51

Tgt Ion	Ratio	Lower	Upper
248	100		
250	192.3	78.1	117.1#
141	452.3	53.7	80.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG036640.D

Acq: 11 Sep 2018 00:51

Instrument :

BNA_G

ClientSampleId :

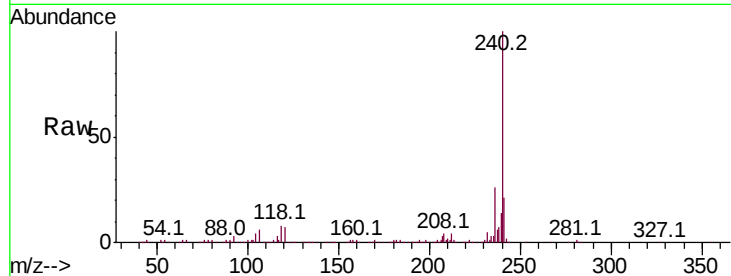
Tot Ion:240 Resp: 412484

Ion Ratio Lower Upper

240 100

120 7.4 6.9 10.3

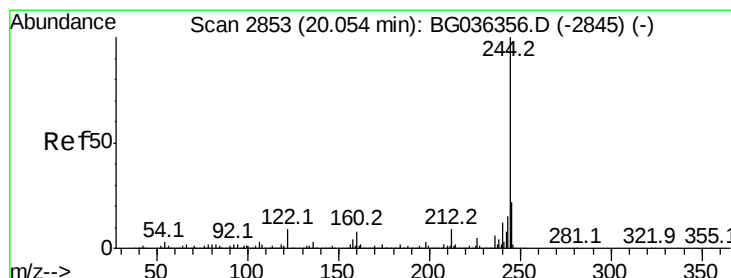
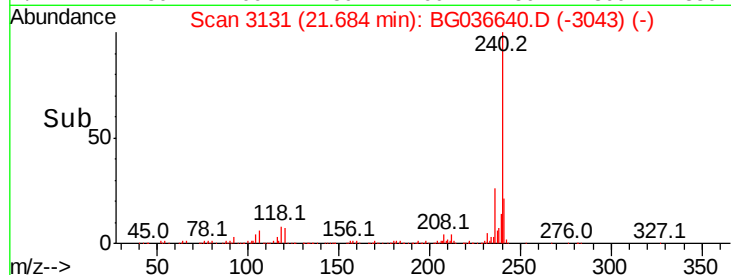
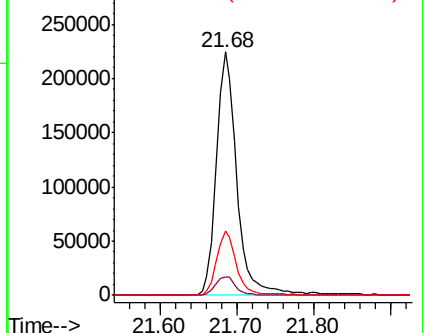
236 26.4 21.2 31.8



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: 87.820 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036640.D

Acq: 11 Sep 2018 00:51

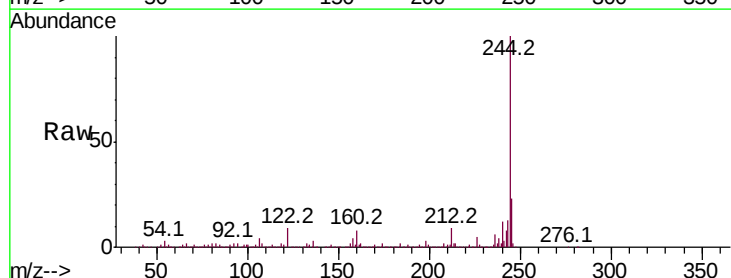
Tgt Ion:244 Resp: 1549809

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.6

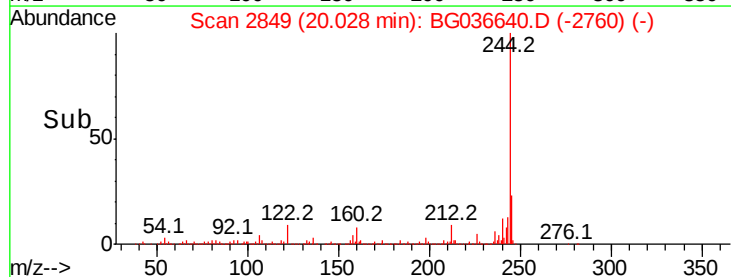
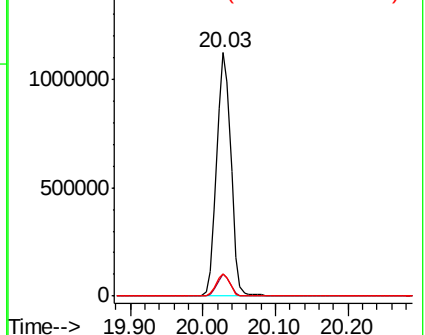
122 9.2 7.1 10.7

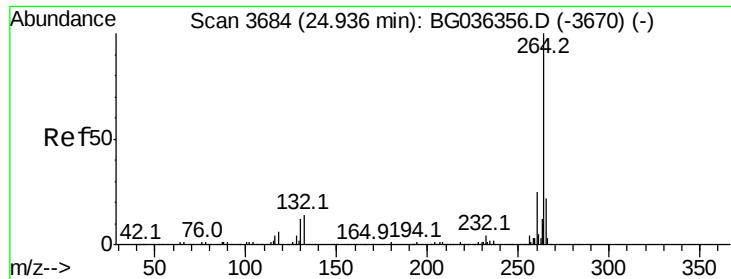


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.00 min
Lab File: BG036640.D
Acq: 11 Sep 2018 00:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.6	29.4
265	20.4	17.4	26.0

