

Data File : BG036742.D
Acq On : 15 Sep 2018 15:37
Operator : JU/SJ
Sample : J4906-16
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-PIT-8

Quant Time: Sep 17 03:50:15 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

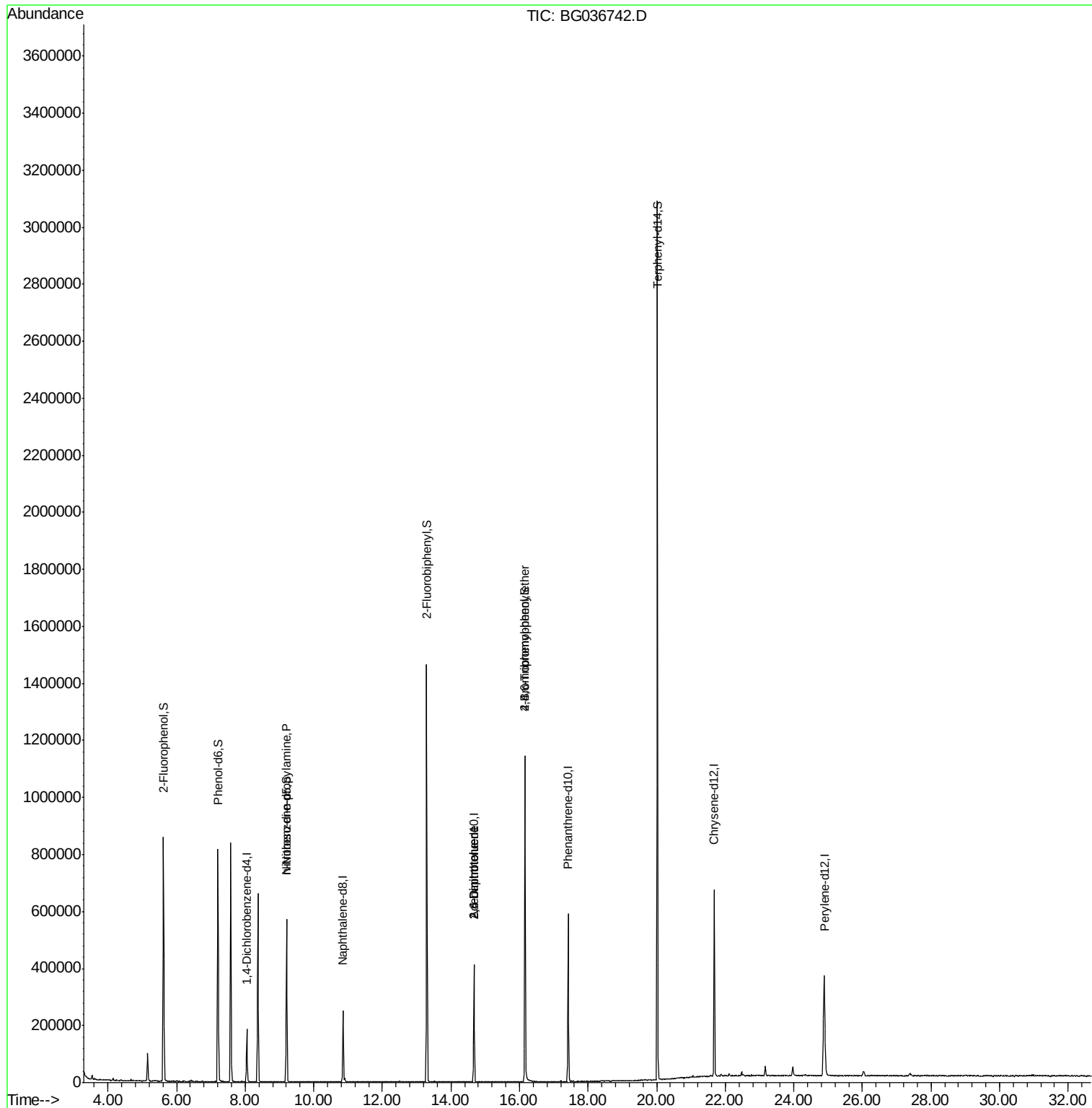
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	52968	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	209409	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	142067	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	377778	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	401300	20.00	ng	-0.02
86) Perylene-d12	24.89	264	397602	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	350875	105.08	ng	0.00
7) Phenol-d6	7.21	99	465655	97.40	ng	-0.01
23) Nitrobenzene-d5	9.21	82	335078	86.82	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	223495	131.84	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	772420	77.63	ng	-0.02
78) Terphenyl-d14	20.02	244	1420200	82.72	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	44891	12.564	ng	# 71
50) 2,6-Dinitrotoluene	14.67	165	18199	7.624	ng	# 21
56) 2,4-Dinitrotoluene	14.67	165	18199	5.850	ng	# 19
66) 4-Bromophenyl-phenylether	16.16	248	15414	3.485	ng	# 1

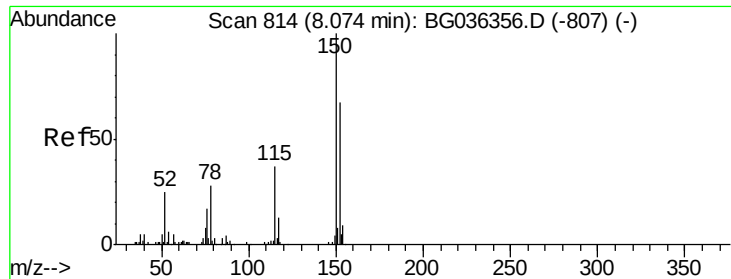
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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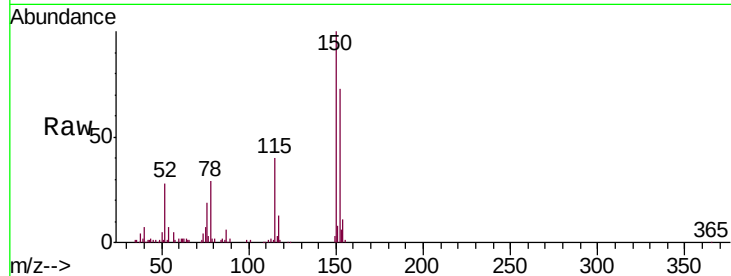


#1

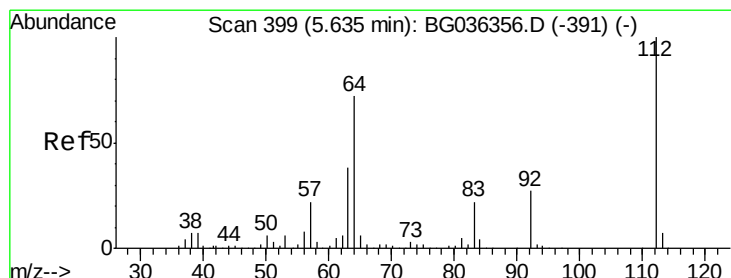
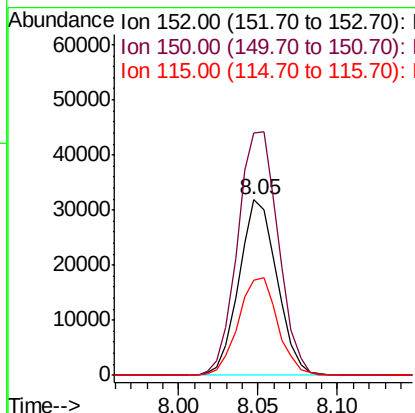
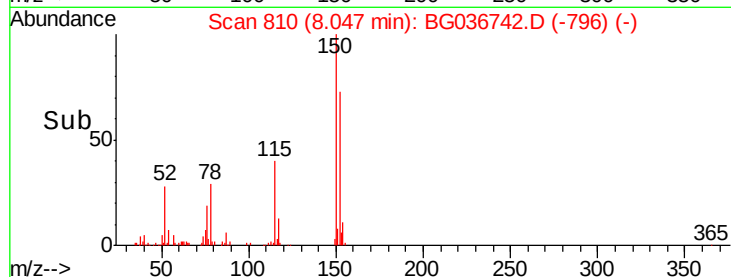
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.02 min
Lab File: BG036742.D
Acq: 15 Sep 2018 15:37

Instrument :
BNA_G
ClientSampled :
SP-PIT-8

Tgt Ion:152 Resp: 52968
Ion Ratio Lower Upper
152 100
150 137.7 119.5 179.3
115 54.4 44.5 66.7



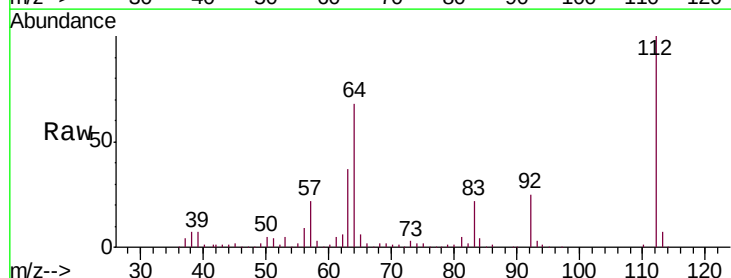
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



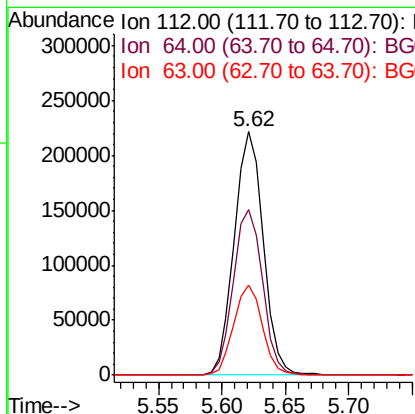
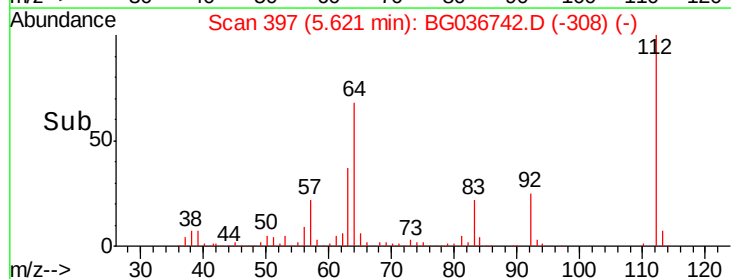
#5

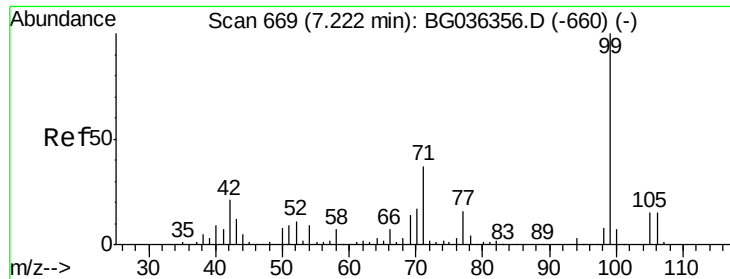
2-Fluorophenol
Concen: 105.081 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036742.D
Acq: 15 Sep 2018 15:37

Tgt Ion:112 Resp: 350875
Ion Ratio Lower Upper
112 100
64 68.0 57.2 85.8
63 36.9 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: 97.402 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036742.D

Acq: 15 Sep 2018 15:37

Instrument :

BNA_G

ClientSampled :

SP-PIT-8

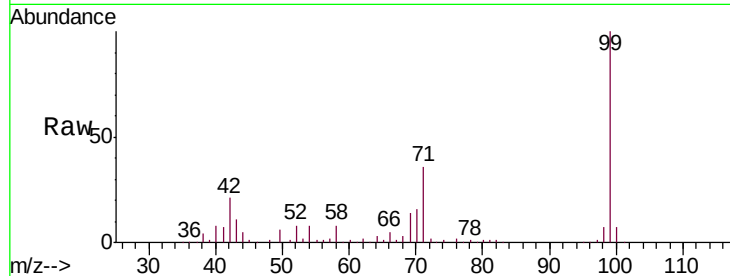
Tgt Ion: 99 Resp: 465655

Ion Ratio Lower Upper

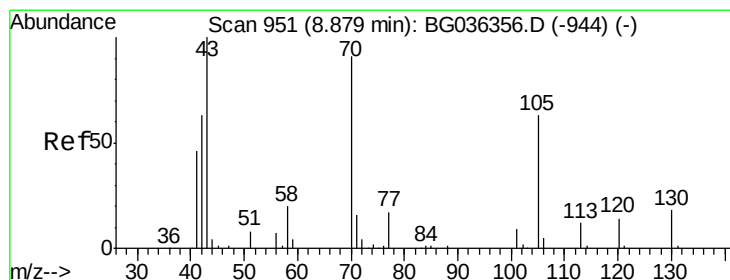
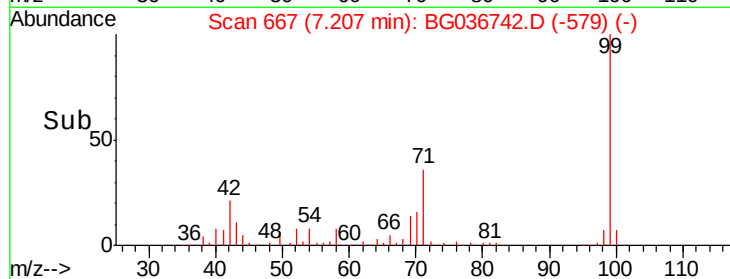
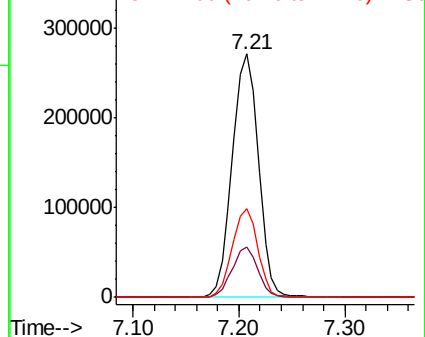
99 100

42 20.7 16.5 24.7

71 36.4 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: 12.564 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036742.D

Acq: 15 Sep 2018 15:37

Tgt Ion: 70 Resp: 44891

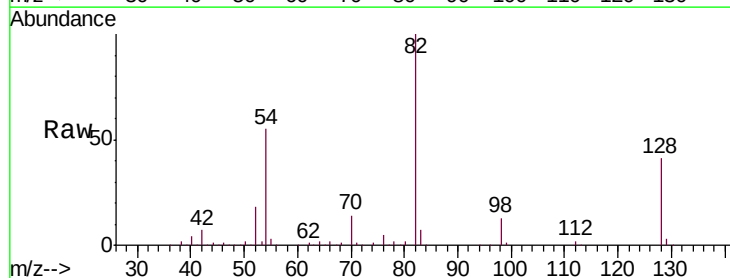
Ion Ratio Lower Upper

70 100

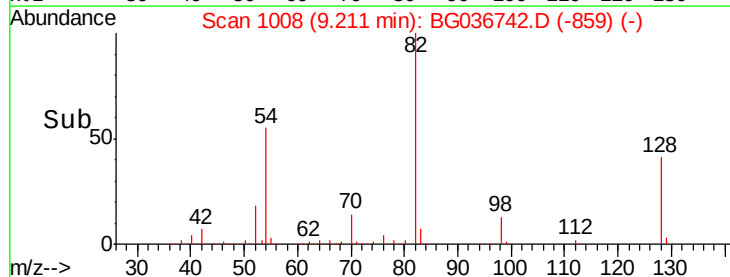
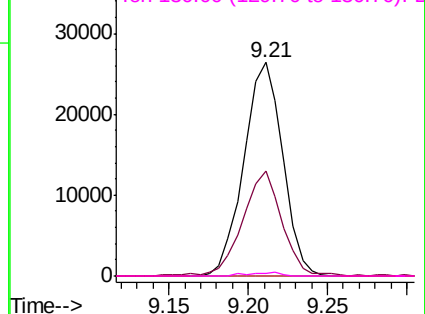
42 49.1 56.2 84.4#

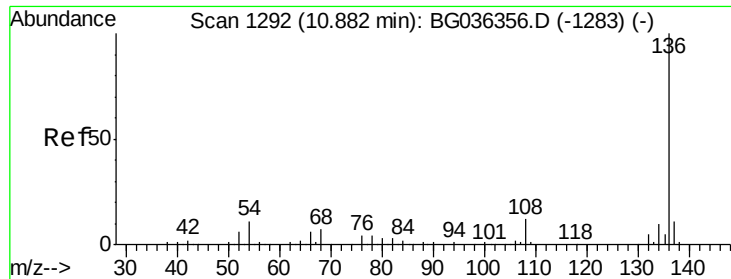
101 0.0 7.8 11.6#

130 1.4 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

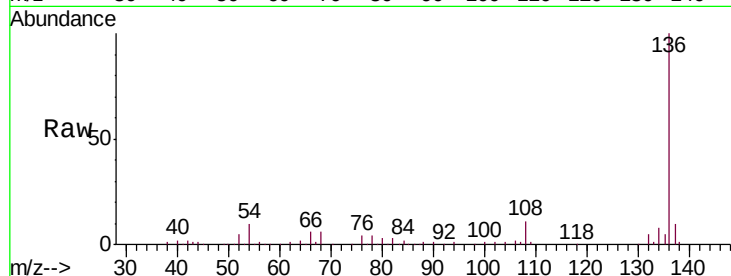




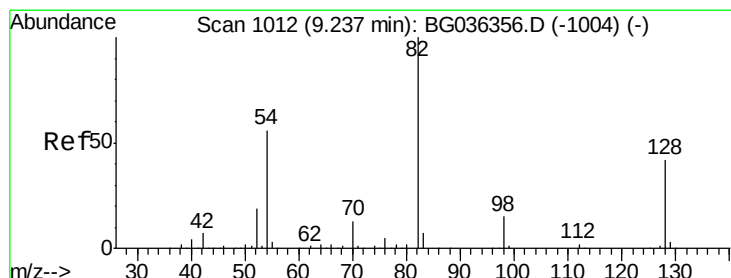
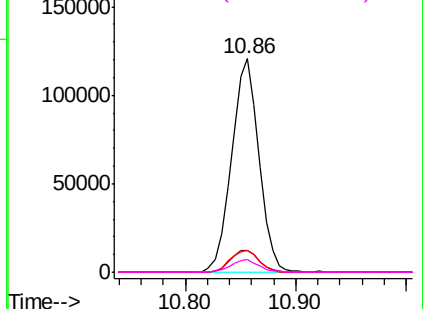
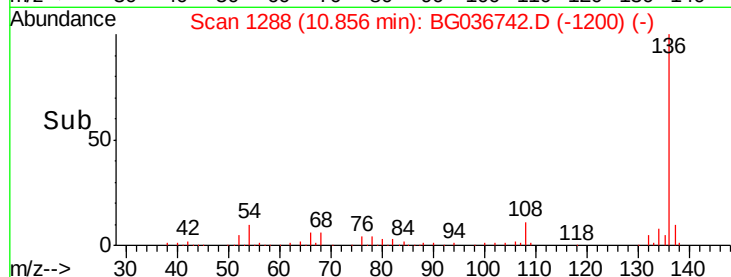
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036742.D
Acq: 15 Sep 2018 15:37

Instrument :
BNA_G
ClientSampled :
SP-PIT-8

Tgt Ion:	136	Resp:	209409
Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.8	13.2
54	10.3	9.2	13.8
68	5.9	5.8	8.6

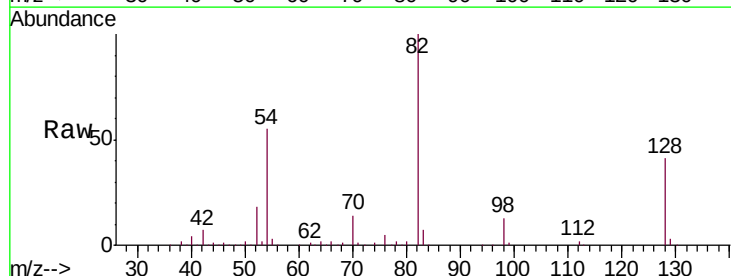


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

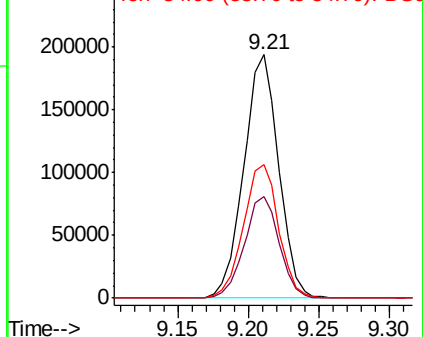
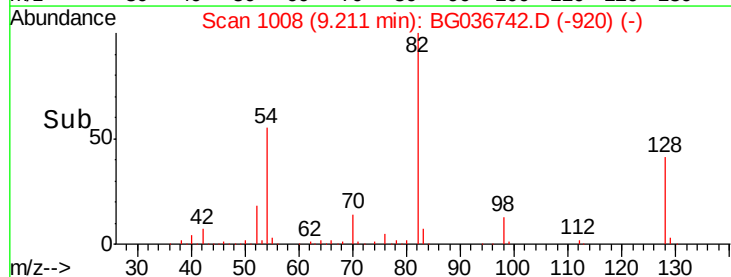


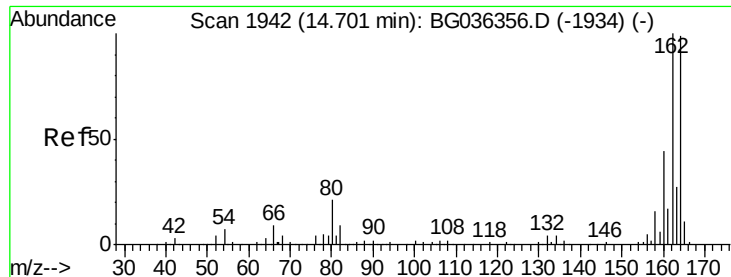
#23
Nitrobenzene-d5
Concen: 86.817 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036742.D
Acq: 15 Sep 2018 15:37

Tgt Ion:	82	Resp:	335078
Ion	Ratio	Lower	Upper
82	100		
128	41.5	33.3	49.9
54	54.8	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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG036742.D

Acq: 15 Sep 2018 15:37

Instrument :

BNA_G

ClientSampleId :

SP-PIT-8

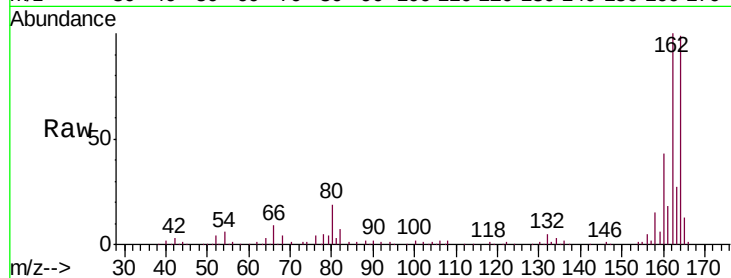
Tgt Ion:164 Resp: 142067

Ion Ratio Lower Upper

164 100

162 101.3 80.7 121.1

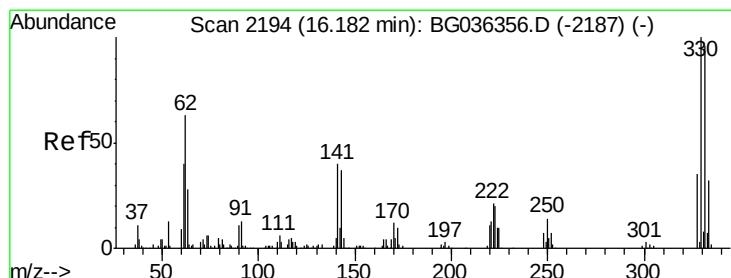
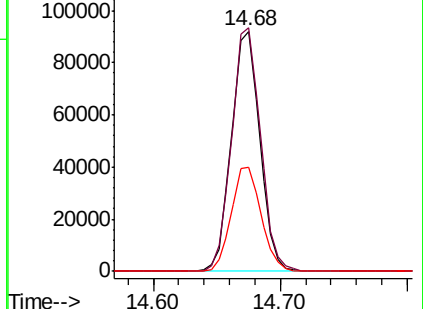
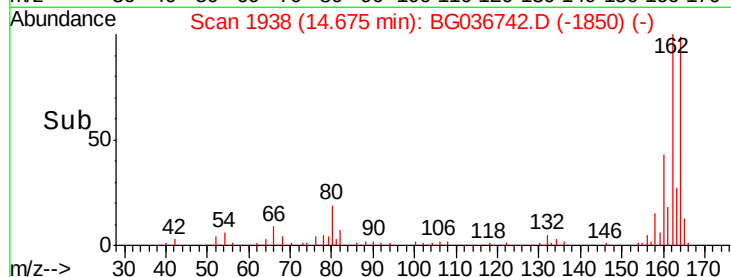
160 43.5 35.3 52.9



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: 131.842 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036742.D

Acq: 15 Sep 2018 15:37

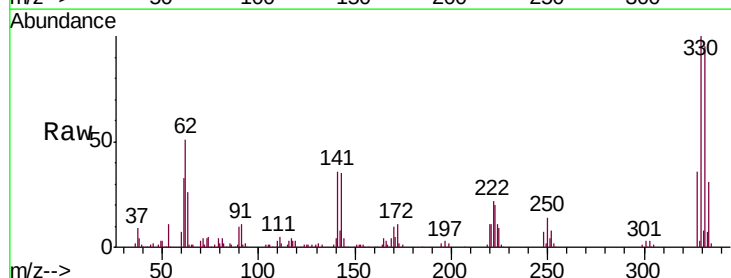
Tgt Ion:330 Resp: 223495

Ion Ratio Lower Upper

330 100

332 95.1 75.4 113.2

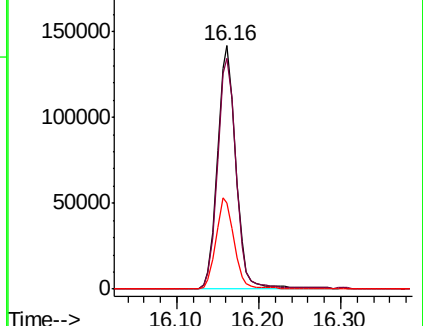
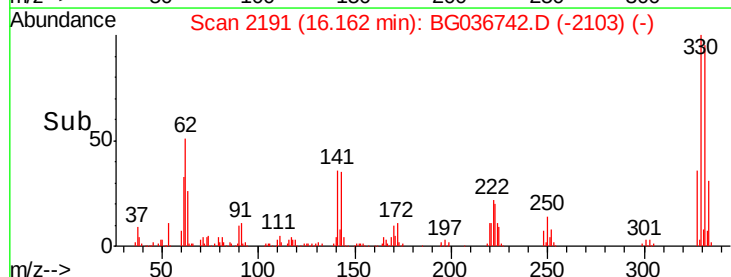
141 37.0 30.7 46.1

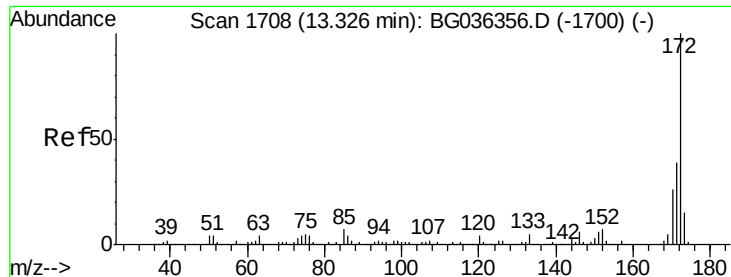


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

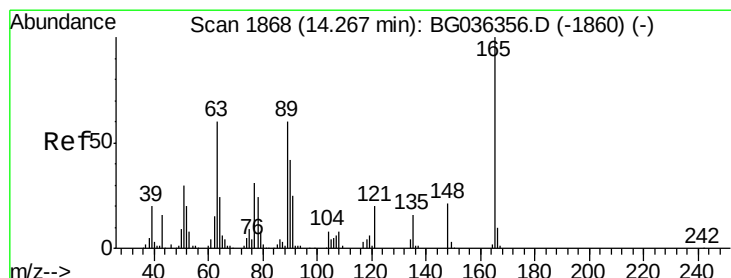
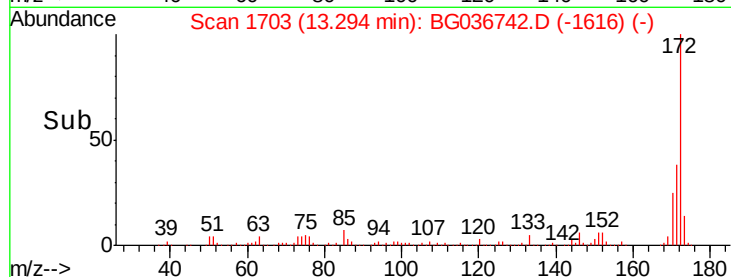
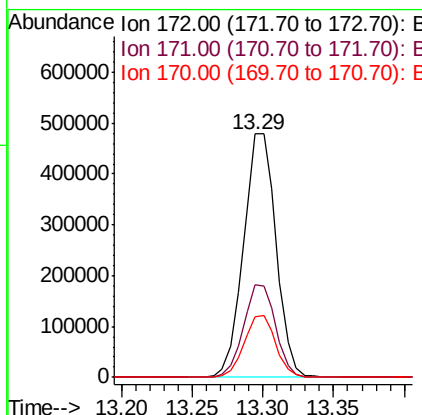
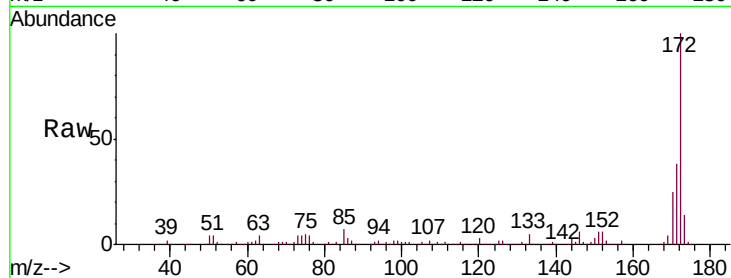




#44
 2-Fluorobiphenyl
 Concen: 77.631 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BG036742.D
 Acq: 15 Sep 2018 15:37

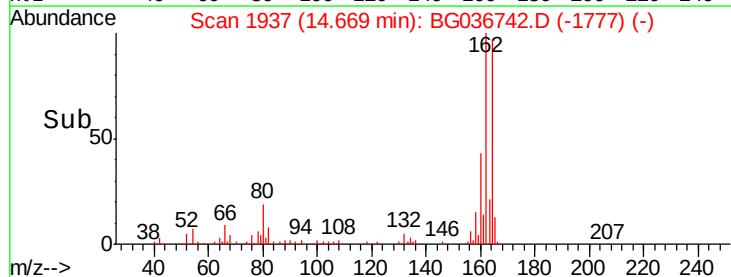
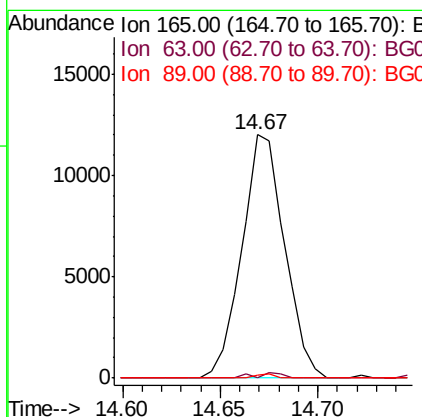
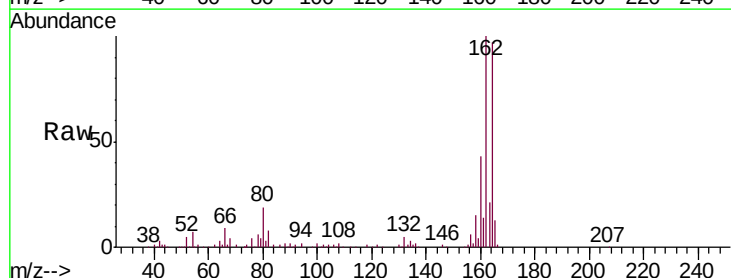
Instrument :
 BNA_G
 ClientSampleId :
 SP-PIT-8

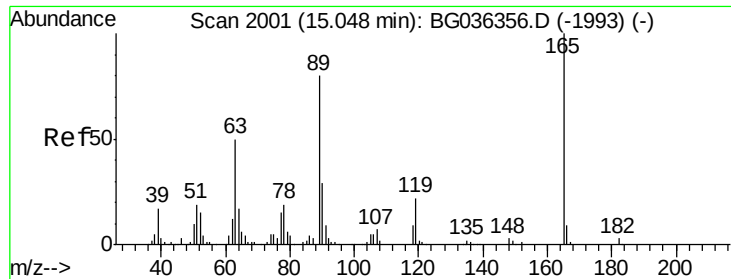
Tgt Ion:172 Resp: 772420
 Ion Ratio Lower Upper
 172 100
 171 37.9 31.3 46.9
 170 24.8 21.0 31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.624 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. 0.41 min
 Lab File: BG036742.D
 Acq: 15 Sep 2018 15:37

Tgt Ion:165 Resp: 18199
 Ion Ratio Lower Upper
 165 100
 63 0.0 50.1 75.1#
 89 1.3 47.8 71.6#

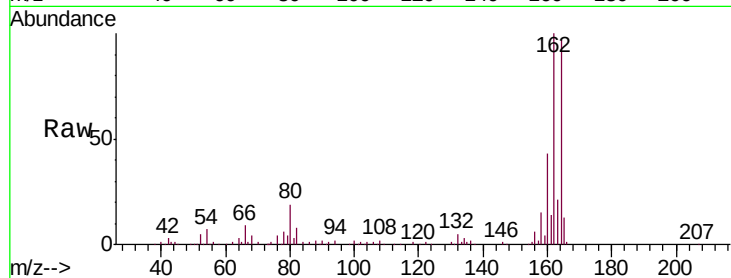




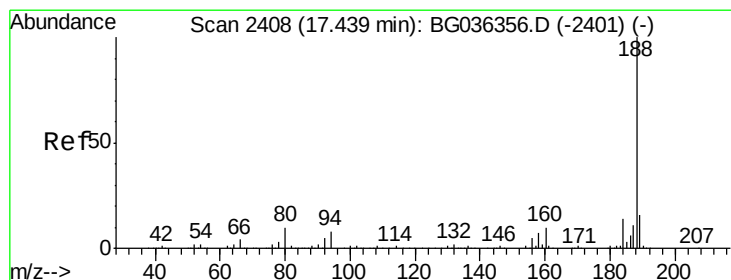
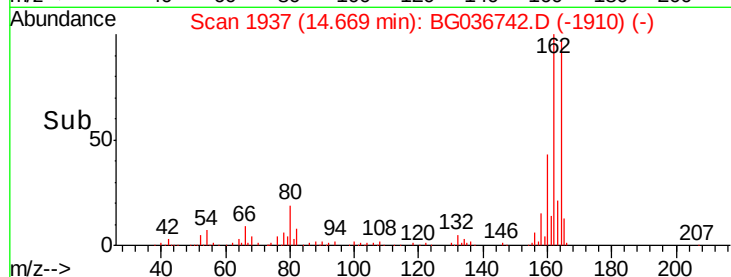
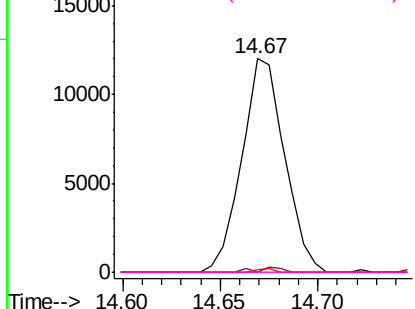
#56
 2,4-Dinitrotoluene
 Concen: 5.850 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.37 min
 Lab File: BG036742.D
 Acq: 15 Sep 2018 15:37

Instrument :
 BNA_G
 ClientSampleId :
 SP-PIT-8

Tgt Ion:	165	Resp:	18199
Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	1.3	63.7	95.5#
182	0.0	2.5	3.7#

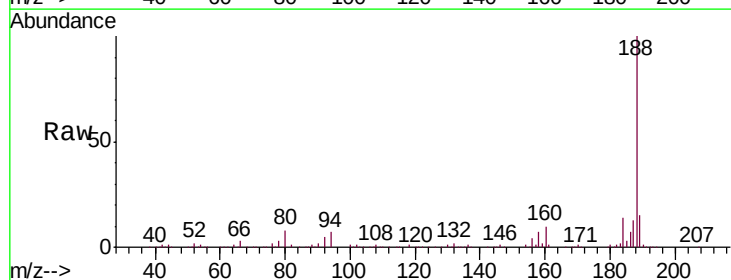


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

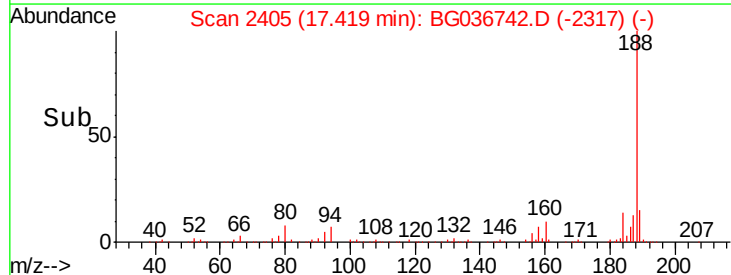
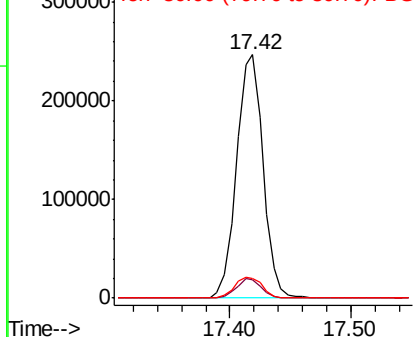


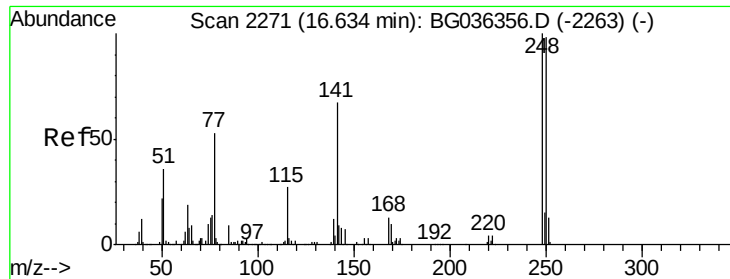
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BG036742.D
 Acq: 15 Sep 2018 15:37

Tgt Ion:	188	Resp:	377778
Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.7	10.1
80	8.3	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

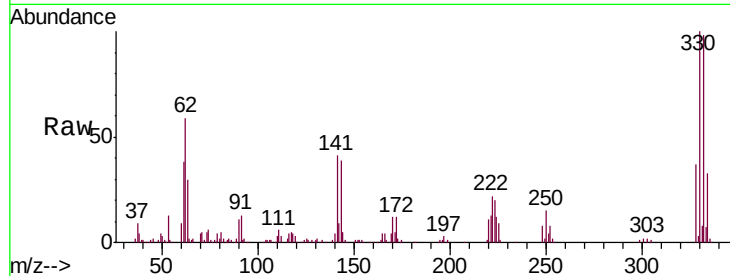




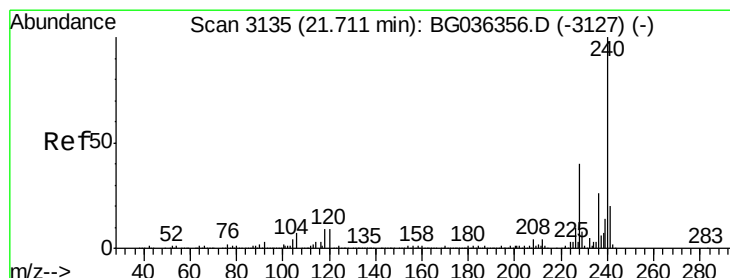
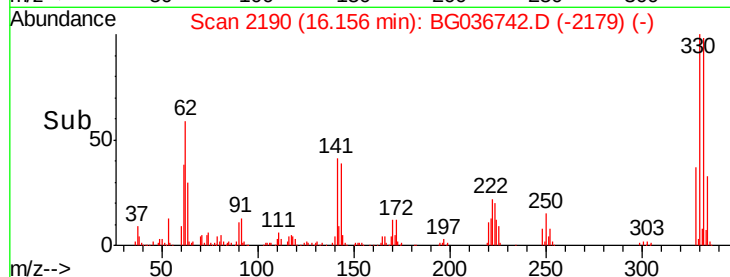
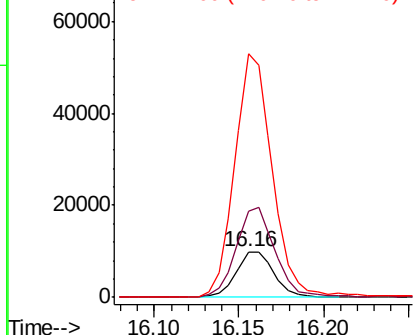
#66
 4-Bromophenyl-phenylether
 Concen: 3.485 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.46 min
 Lab File: BG036742.D
 Acq: 15 Sep 2018 15:37

Instrument :
 BNA_G
 ClientSampleId :
 SP-PIT-8

Tgt Ion:248 Resp: 15414
 Ion Ratio Lower Upper
 248 100
 250 190.4 78.1 117.1#
 141 534.7 53.7 80.5#

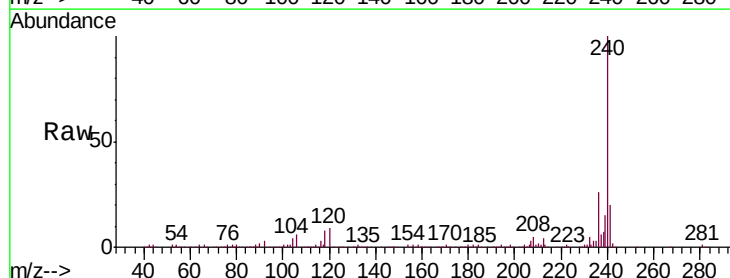


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

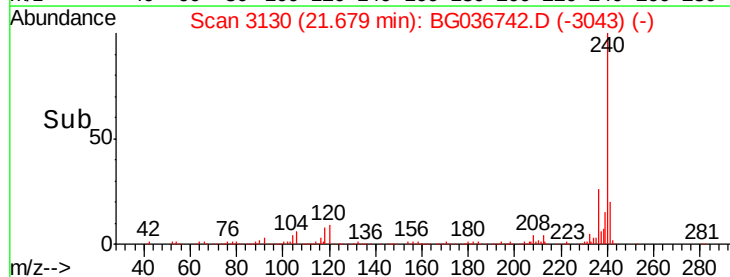
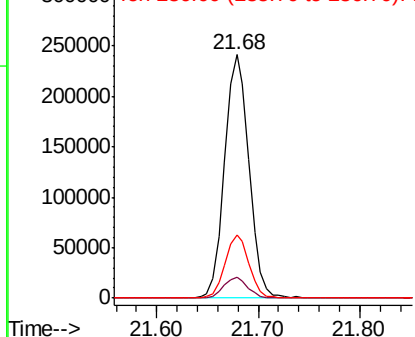


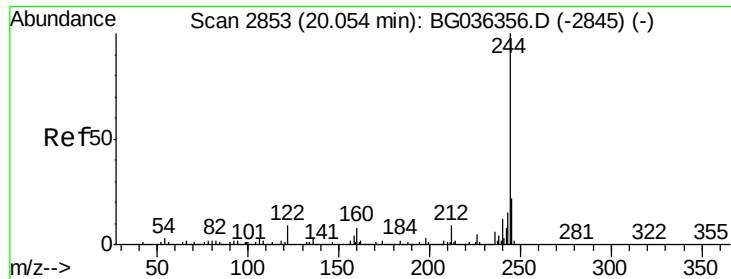
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3130
 Delta R.T. -0.02 min
 Lab File: BG036742.D
 Acq: 15 Sep 2018 15:37

Tgt Ion:240 Resp: 401300
 Ion Ratio Lower Upper
 240 100
 120 8.5 6.9 10.3
 236 26.0 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

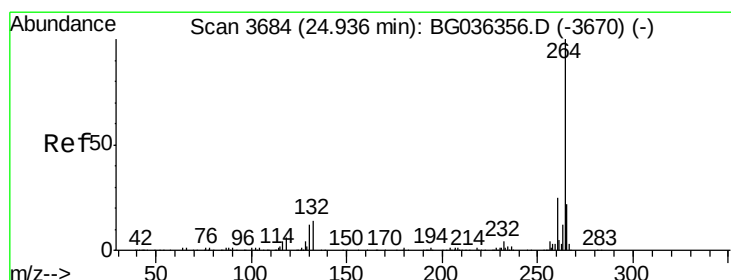
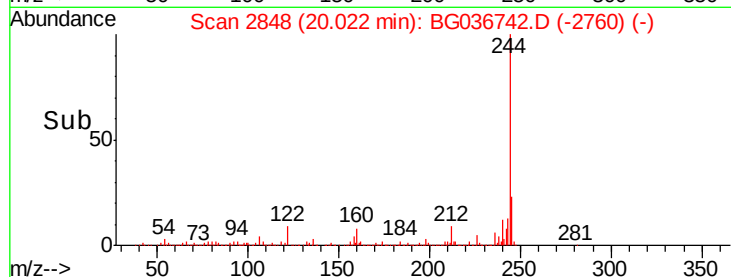
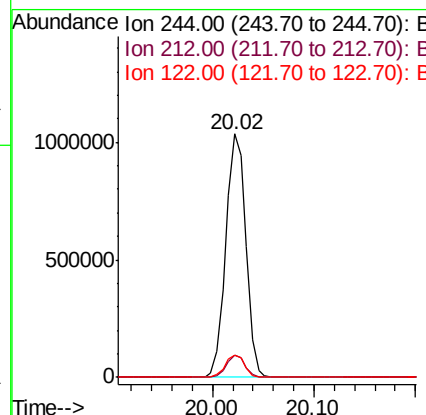
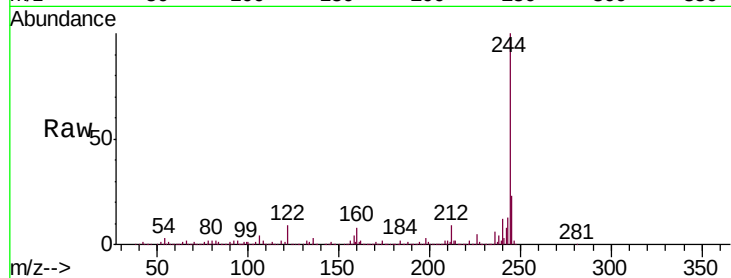




#78
 Terphenyl-d14
 Concen: 82.719 ng
 RT: 20.02 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BG036742.D
 Acq: 15 Sep 2018 15:37

Instrument :
 BNA_G
 ClientSampleId :
 SP-PIT-8

Tgt Ion:244 Resp: 1420200
 Ion Ratio Lower Upper
 244 100
 212 9.0 7.0 10.6
 122 9.2 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3676
 Delta R.T. -0.02 min
 Lab File: BG036742.D
 Acq: 15 Sep 2018 15:37

Tgt Ion:264 Resp: 397602
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.6 29.4
 265 21.7 17.4 26.0

