

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG091718\
 Data File : BG036777.D
 Acq On : 18 Sep 2018 7:20
 Operator : JU/SJ
 Sample : J4929-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-PIT-12

Quant Time: Sep 18 08:02:20 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

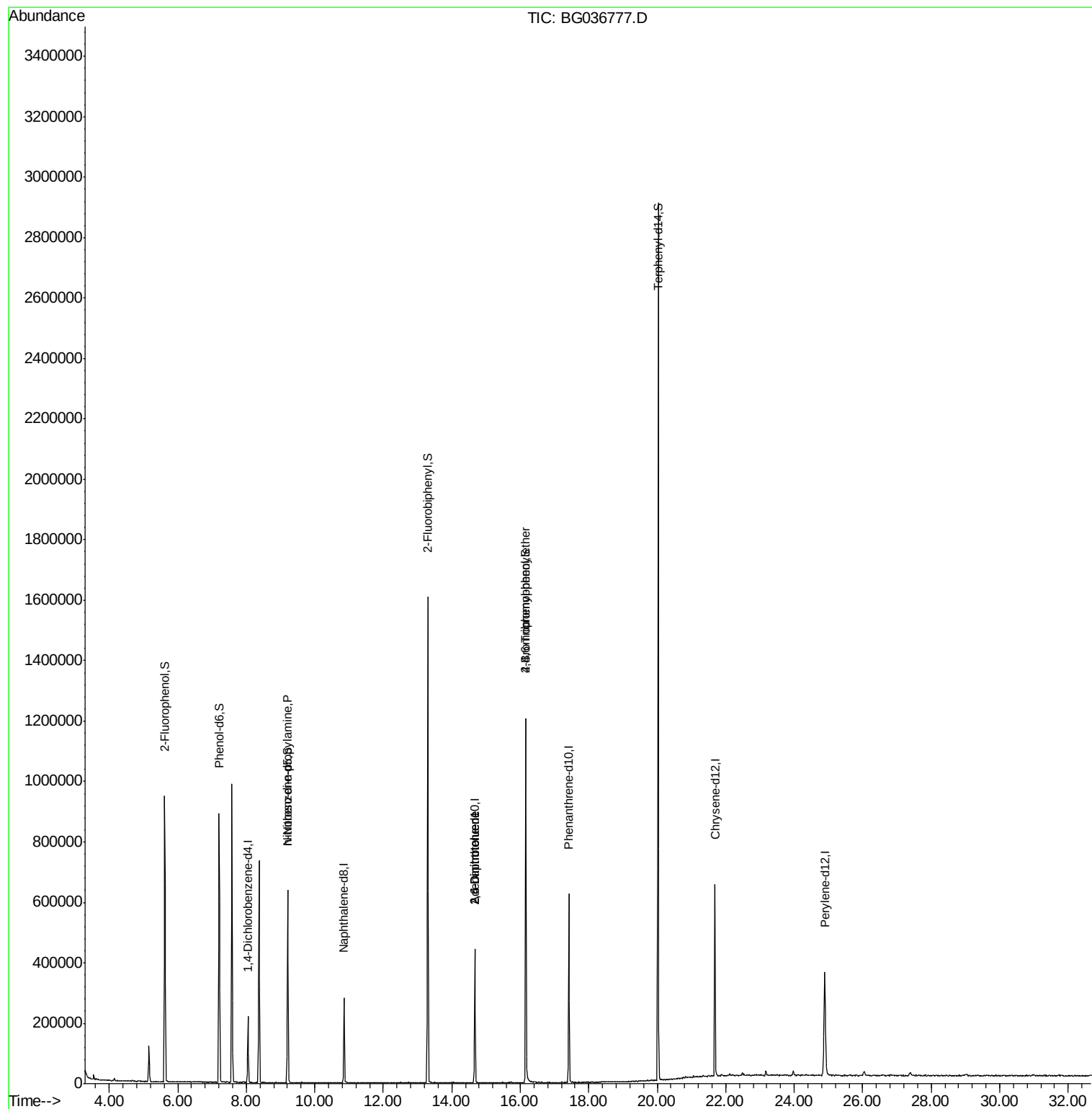
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	58924	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	244747	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	152928	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	385592	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	404175	20.00	ng	-0.01
86) Perylene-d12	24.89	264	395114	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	393994	106.07	ng	0.00
7) Phenol-d6	7.21	99	505134	94.98	ng	-0.01
23) Nitrobenzene-d5	9.21	82	380425	84.33	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	226255	123.99	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	842755	78.68	ng	-0.01
78) Terphenyl-d14	20.03	244	1410710	81.58	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	50317	12.659	ng	# 71
50) 2,6-Dinitrotoluene	14.67	165	20323	7.909	ng	# 23
56) 2,4-Dinitrotoluene	14.67	165	20323	6.069	ng	# 21
66) 4-Bromophenyl-phenylether	16.16	248	15391	3.409	ng	# 1

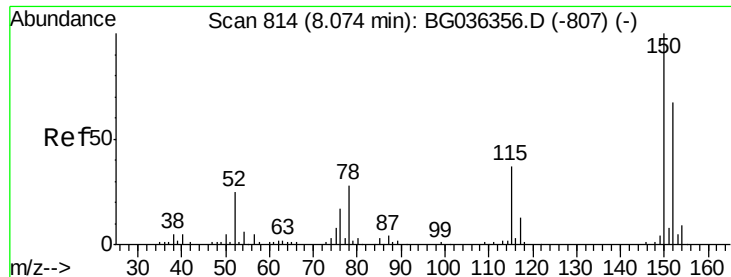
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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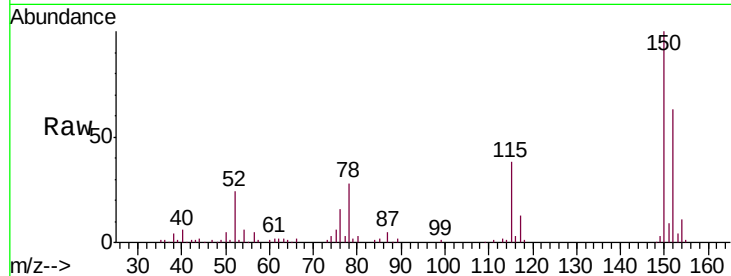


#1

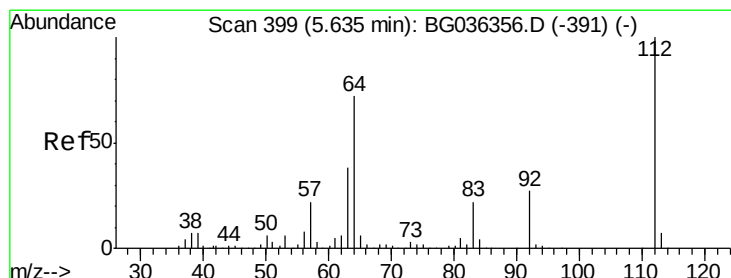
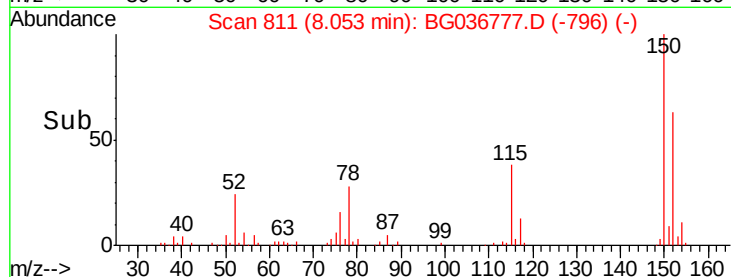
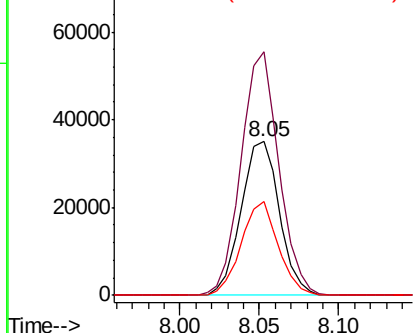
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG036777.D
 Acq: 18 Sep 2018 7:20

Instrument :
 BNA_G
 ClientSampleId :
 SP-PIT-12

Tgt Ion:152 Resp: 58924
 Ion Ratio Lower Upper
 152 100
 150 158.1 119.5 179.3
 115 60.6 44.5 66.7



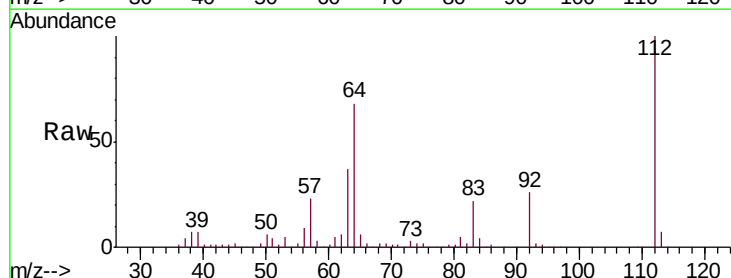
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



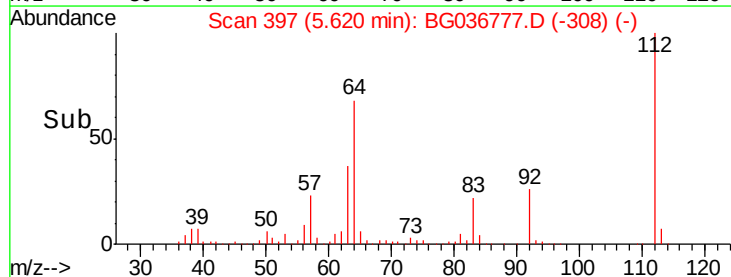
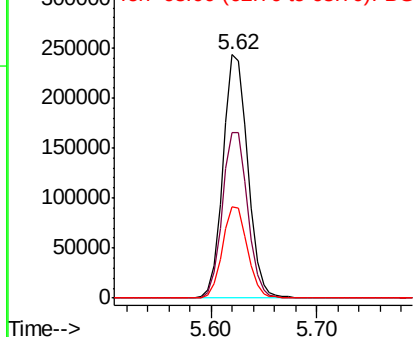
#5

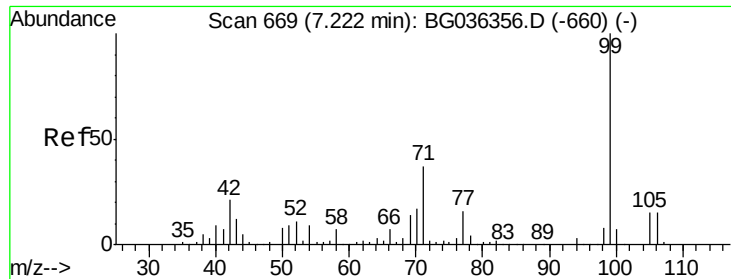
2-Fluorophenol
 Concen: 106.067 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.01 min
 Lab File: BG036777.D
 Acq: 18 Sep 2018 7:20

Tgt Ion:112 Resp: 393994
 Ion Ratio Lower Upper
 112 100
 64 68.1 57.2 85.8
 63 37.4 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: 94.980 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036777.D

Acq: 18 Sep 2018 7:20

Instrument :

BNA_G

ClientSampleId :

SP-PIT-12

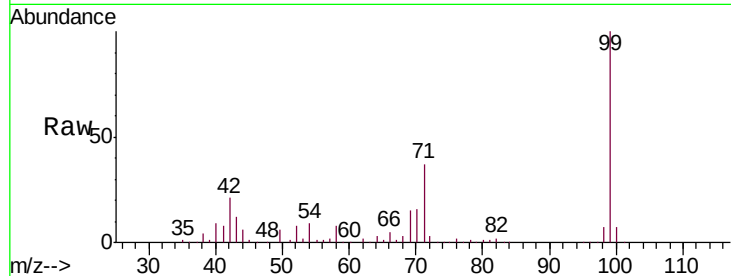
Tgt Ion: 99 Resp: 505134

Ion Ratio Lower Upper

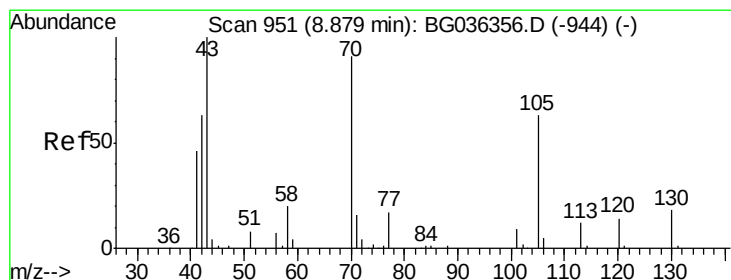
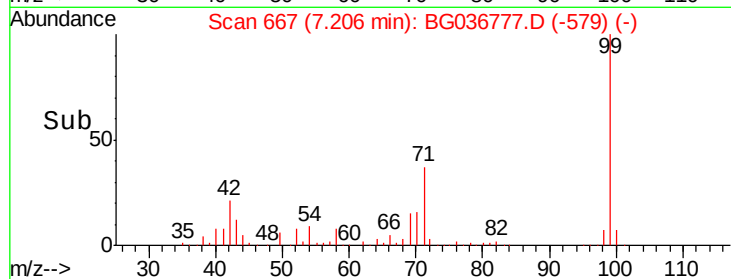
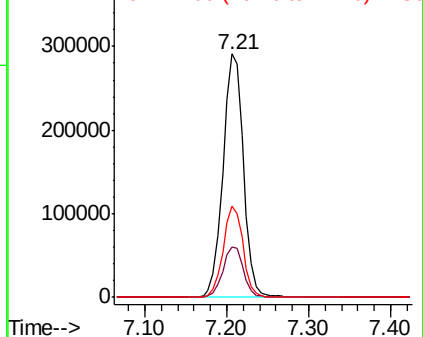
99 100

42 20.6 16.5 24.7

71 37.3 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: 12.659 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036777.D

Acq: 18 Sep 2018 7:20

Tgt Ion: 70 Resp: 50317

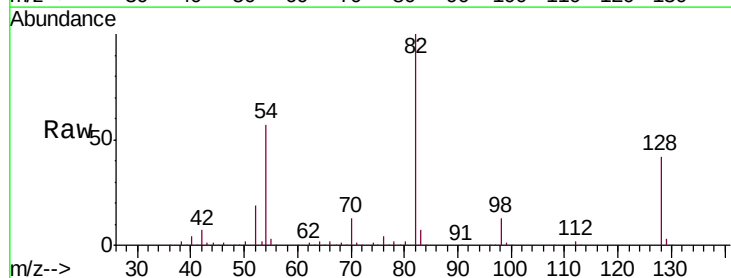
Ion Ratio Lower Upper

70 100

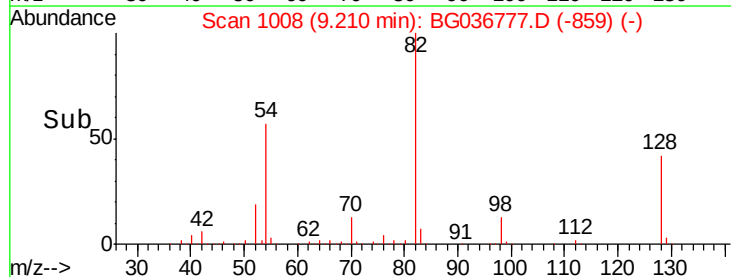
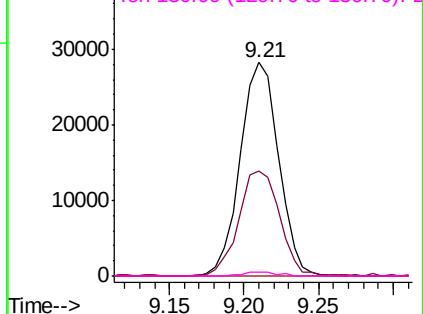
42 49.2 56.2 84.4#

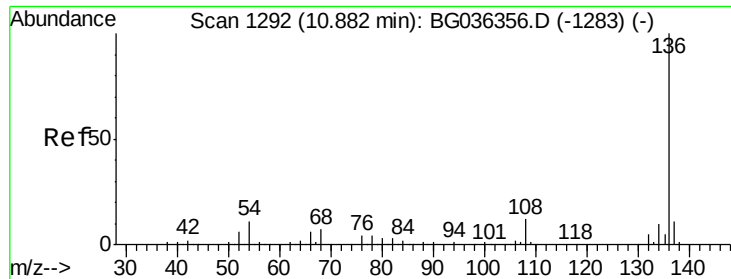
101 0.0 7.8 11.6#

130 1.7 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

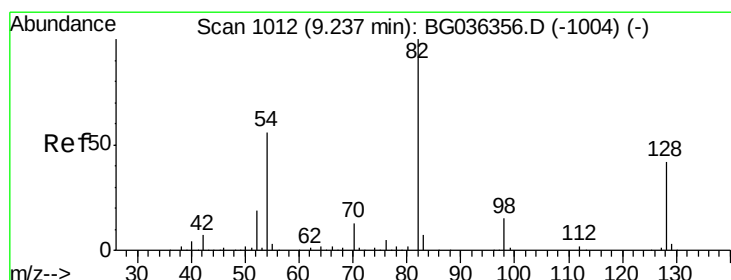
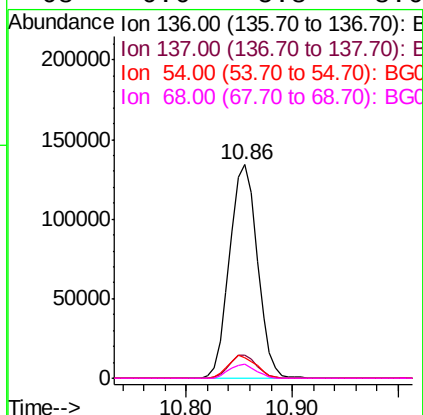
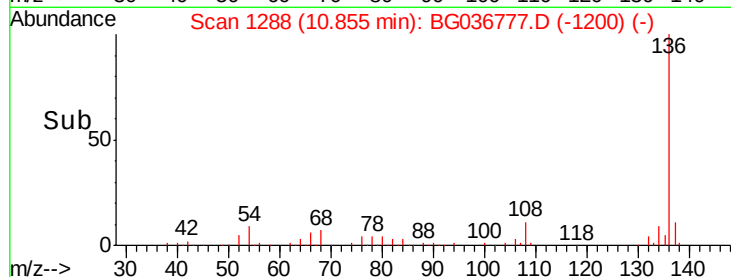
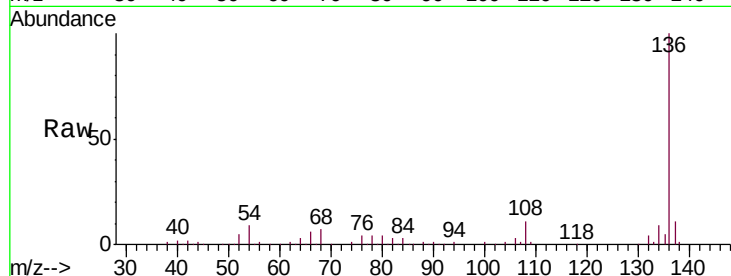




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036777.D
Acq: 18 Sep 2018 7:20

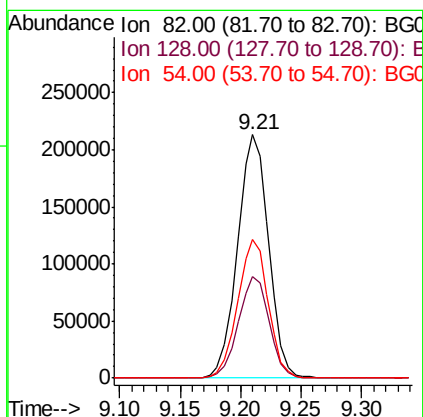
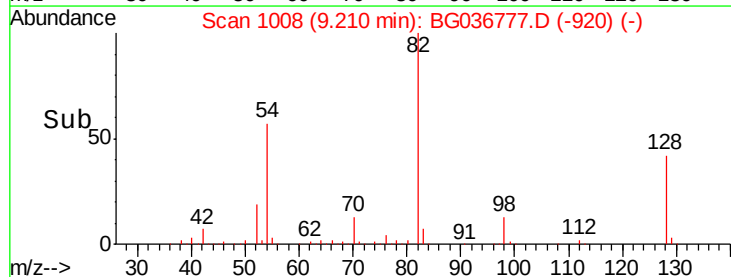
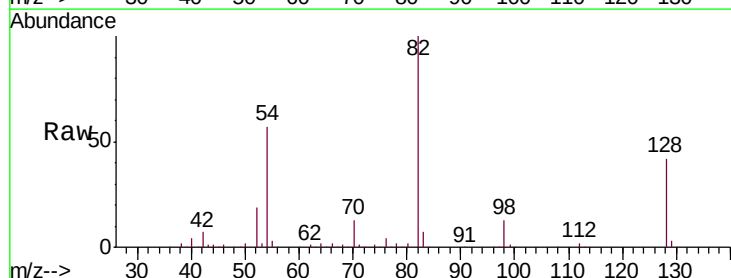
Instrument :
BNA_G
ClientSampleId :
SP-PIT-12

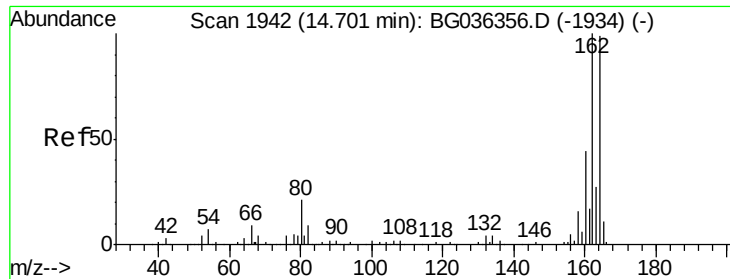
Tgt Ion:	136	Resp:	244747
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	9.4	9.2	13.8
68	6.6	5.8	8.6



#23
Nitrobenzene-d5
Concen: 84.334 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036777.D
Acq: 18 Sep 2018 7:20

Tgt Ion:	82	Resp:	380425
Ion	Ratio	Lower	Upper
82	100		
128	41.6	33.3	49.9
54	57.1	45.1	67.7

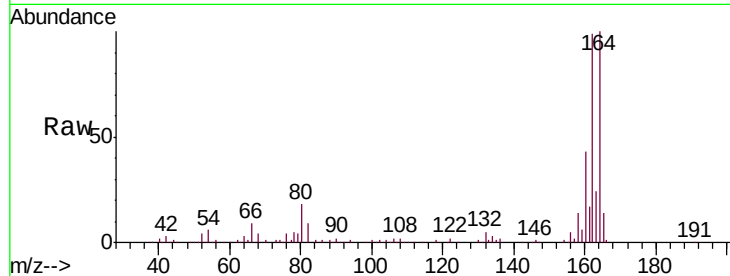




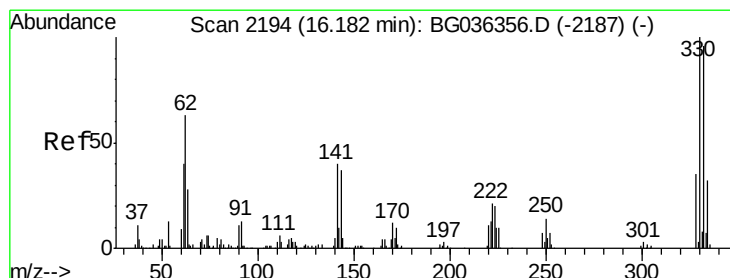
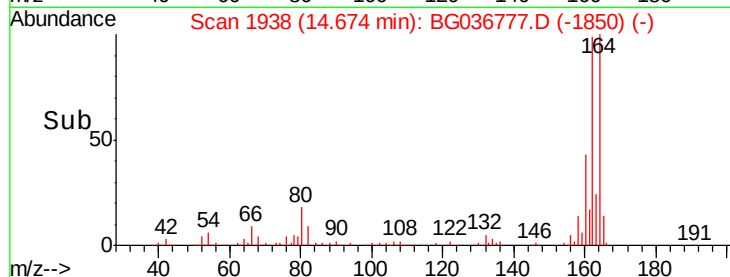
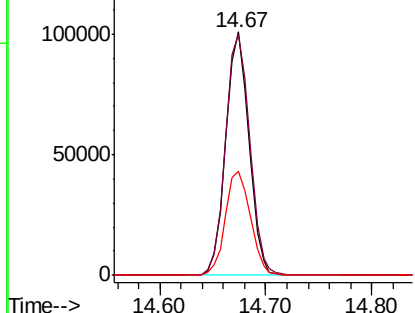
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG036777.D
Acq: 18 Sep 2018 7:20

Instrument :
BNA_G
ClientSampleId :
SP-PIT-12

Tgt Ion:164 Resp: 152928
Ion Ratio Lower Upper
164 100
162 99.0 80.7 121.1
160 42.9 35.3 52.9

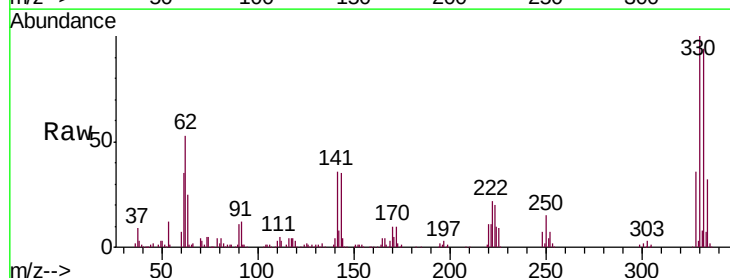


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

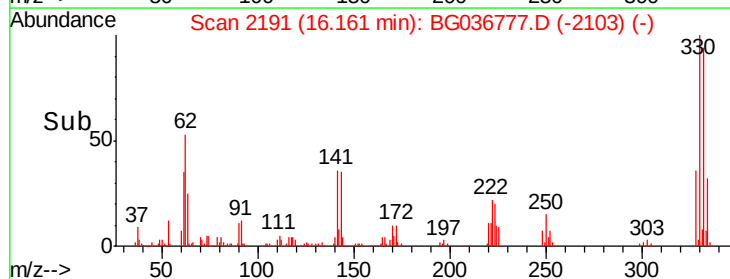
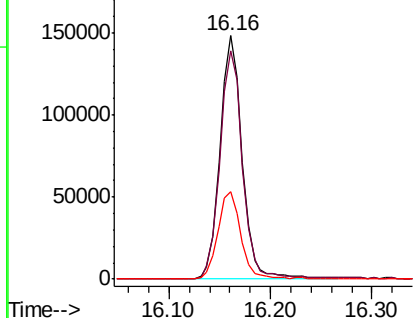


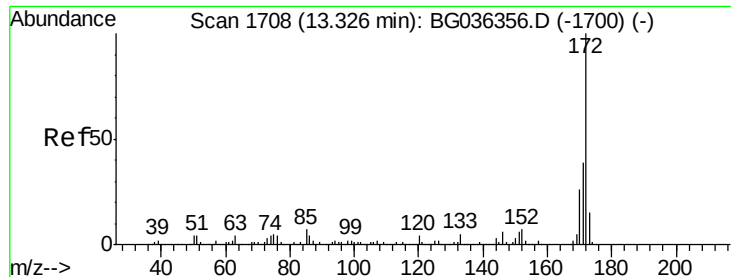
#41
2,4,6-Tribromophenol
Concen: 123.991 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BG036777.D
Acq: 18 Sep 2018 7:20

Tgt Ion:330 Resp: 226255
Ion Ratio Lower Upper
330 100
332 96.6 75.4 113.2
141 36.8 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

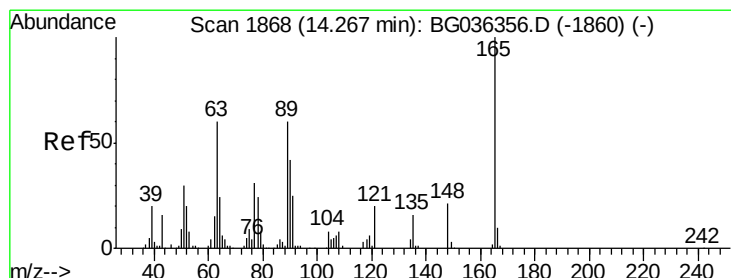
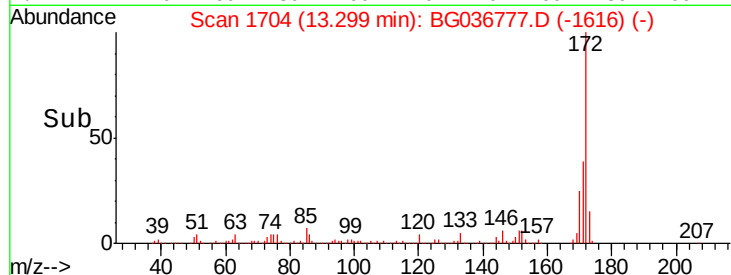
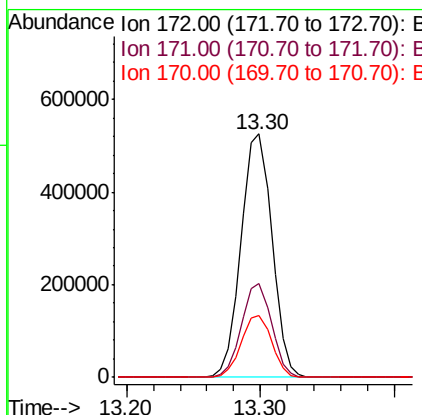
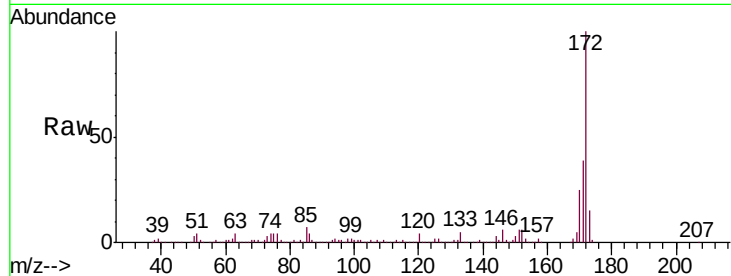




#44
2-Fluorobiphenyl
Concen: 78.684 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BG036777.D
Acq: 18 Sep 2018 7:20

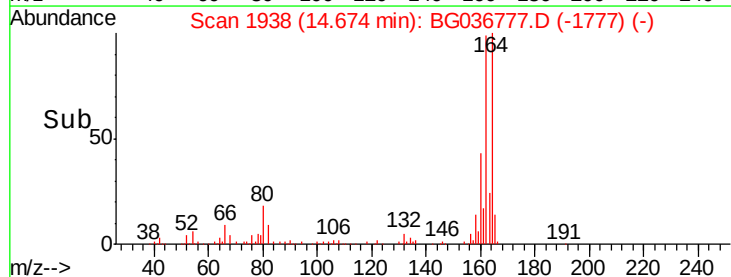
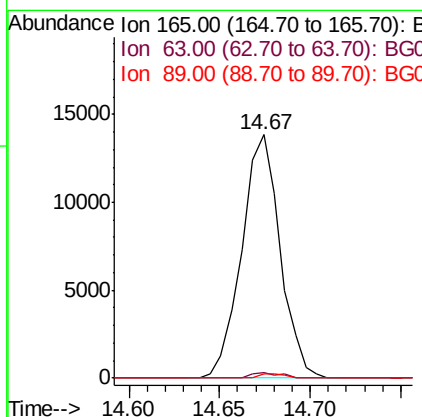
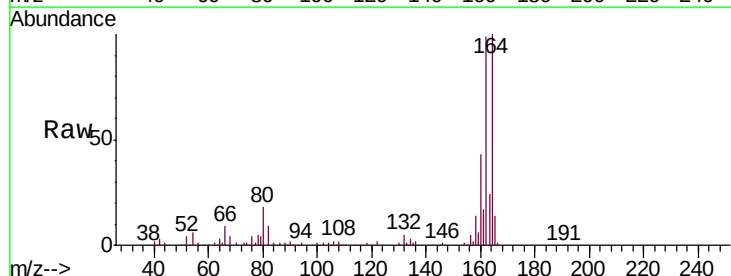
Instrument :
BNA_G
ClientSampleId :
SP-PIT-12

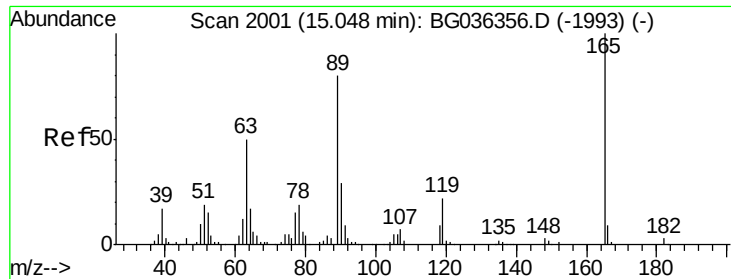
Tgt Ion:	172	Resp:	842755
Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.3	46.9
170	25.3	21.0	31.6



#50
2,6-Dinitrotoluene
Concen: 7.909 ng
RT: 14.67 min Scan# 1938
Delta R.T. 0.42 min
Lab File: BG036777.D
Acq: 18 Sep 2018 7:20

Tgt Ion:	165	Resp:	20323
Ion	Ratio	Lower	Upper
165	100		
63	2.3	50.1	75.1#
89	1.8	47.8	71.6#

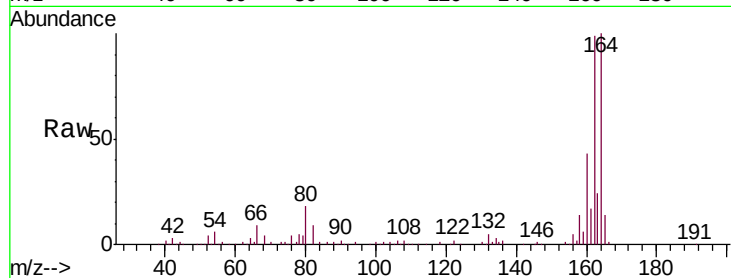




#56
 2,4-Dinitrotoluene
 Concen: 6.069 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.36 min
 Lab File: BG036777.D
 Acq: 18 Sep 2018 7:20

Instrument :
 BNA_G
 ClientSampleId :
 SP-PIT-12

Tgt Ion:	165	Resp:	20323
Ion	Ratio	Lower	Upper
165	100		
63	2.3	40.1	60.1#
89	1.8	63.7	95.5#
182	0.0	2.5	3.7#

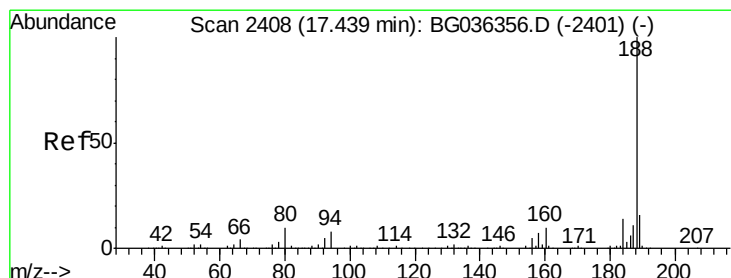
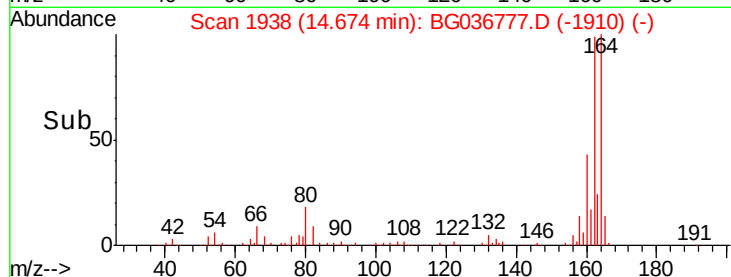
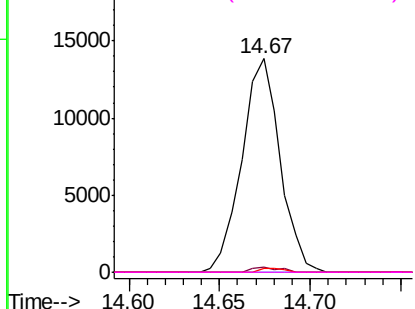


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

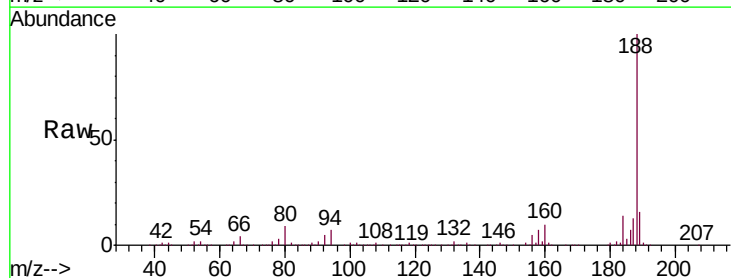
Ion 89.00 (88.70 to 89.70): BGC

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: BG036777.D
 Acq: 18 Sep 2018 7:20

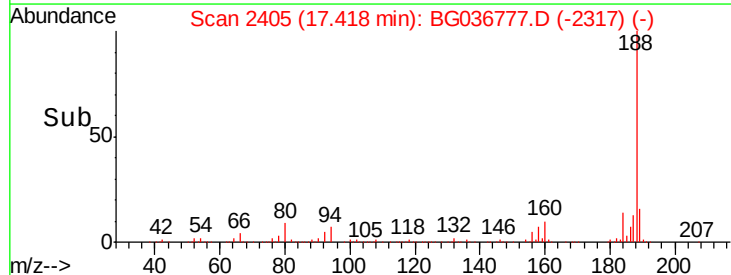
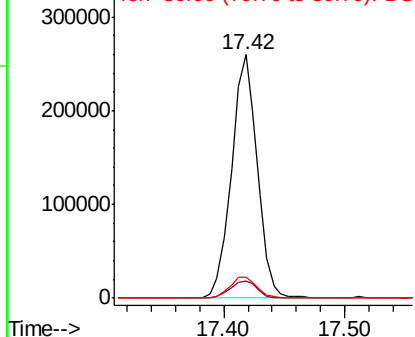
Tgt Ion:	188	Resp:	385592
Ion	Ratio	Lower	Upper
188	100		
94	6.8	6.7	10.1
80	8.6	8.1	12.1

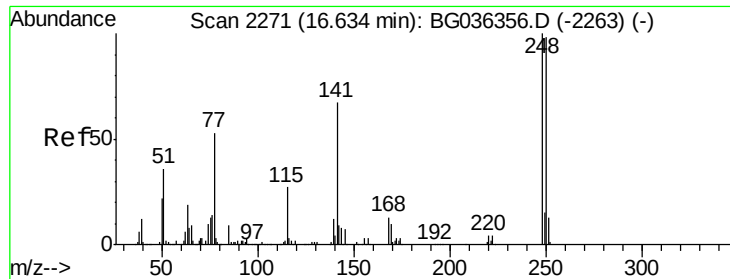


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

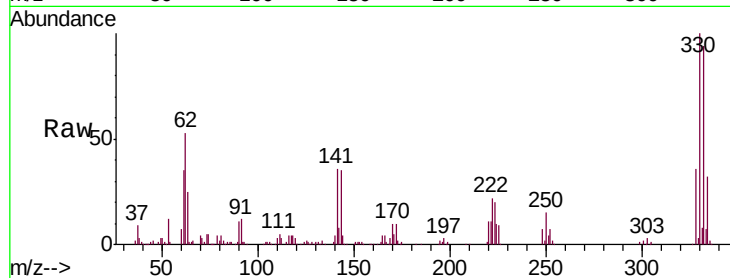




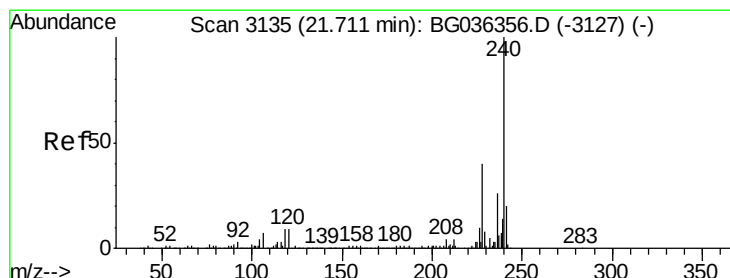
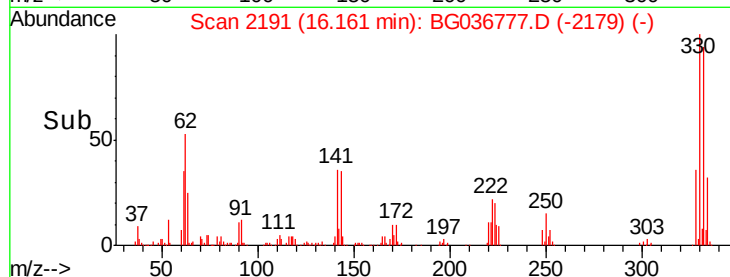
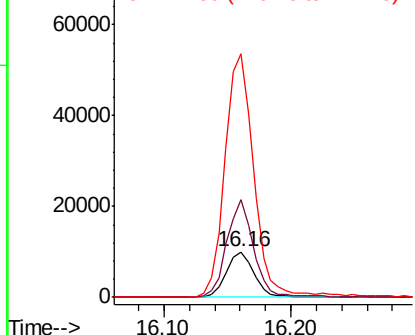
#66
 4-Bromophenyl-phenylether
 Concen: 3.409 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.46 min
 Lab File: BG036777.D
 Acq: 18 Sep 2018 7:20

Instrument :
 BNA_G
 ClientSampleId :
 SP-PIT-12

Tgt Ion:248 Resp: 15391
 Ion Ratio Lower Upper
 248 100
 250 215.2 78.1 117.1#
 141 534.0 53.7 80.5#

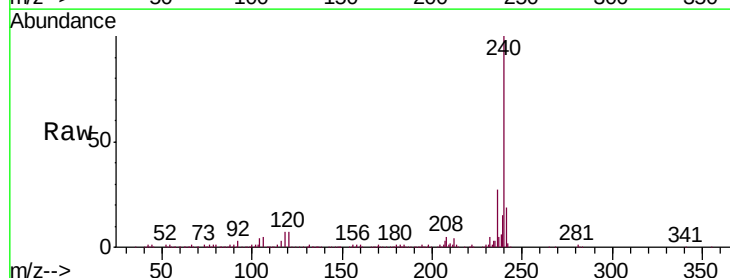


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

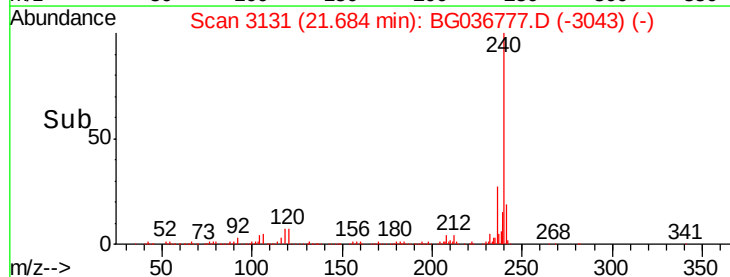
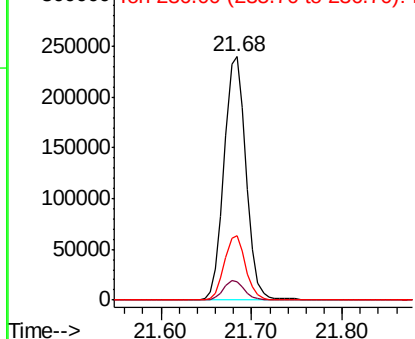


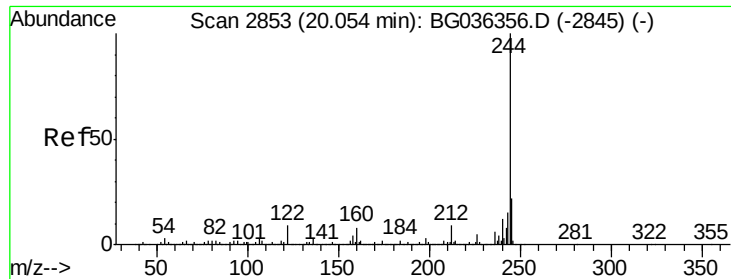
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BG036777.D
 Acq: 18 Sep 2018 7:20

Tgt Ion:240 Resp: 404175
 Ion Ratio Lower Upper
 240 100
 120 7.3 6.9 10.3
 236 26.7 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: 81.581 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG036777.D

Acq: 18 Sep 2018 7:20

Instrument :

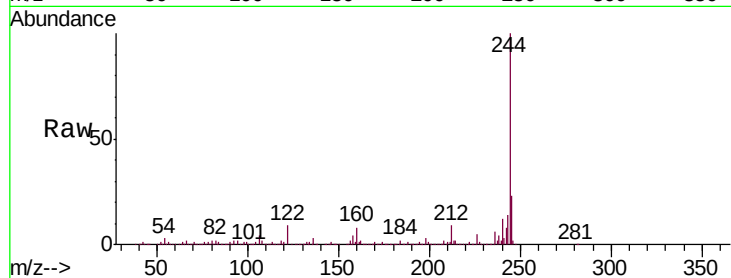
BNA_G

ClientSampleId :

SP-PIT-12

Tgt Ion:244 Resp: 1410710

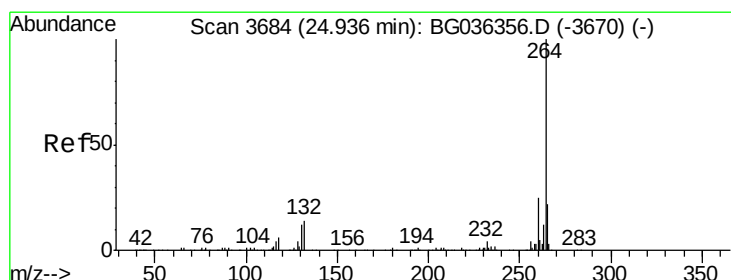
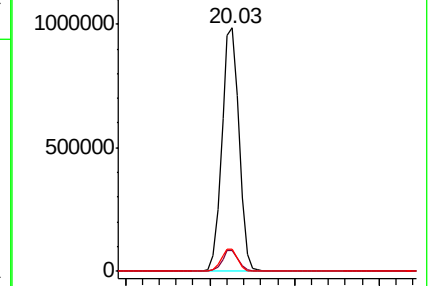
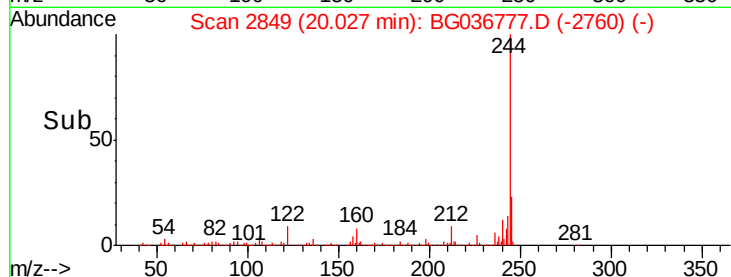
Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.6
122	8.9	7.1	10.7



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

Perylene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3676

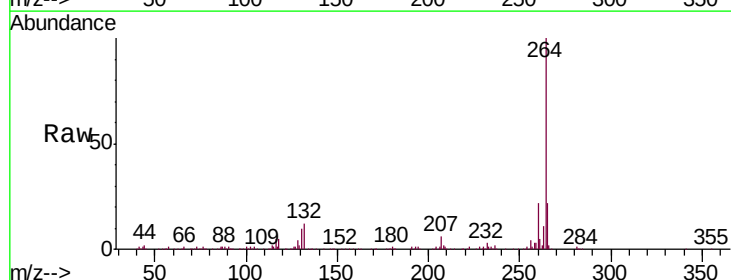
Delta R.T. -0.02 min

Lab File: BG036777.D

Acq: 18 Sep 2018 7:20

Tgt Ion:264 Resp: 395114

Ion	Ratio	Lower	Upper
264	100		
260	21.6	19.6	29.4
265	21.5	17.4	26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

