

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082818\
 Data File : BG036467.D
 Acq On : 28 Aug 2018 20:56
 Operator : JU/SJ
 Sample : J4277-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-082718-A

Quant Time: Aug 29 01:06:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

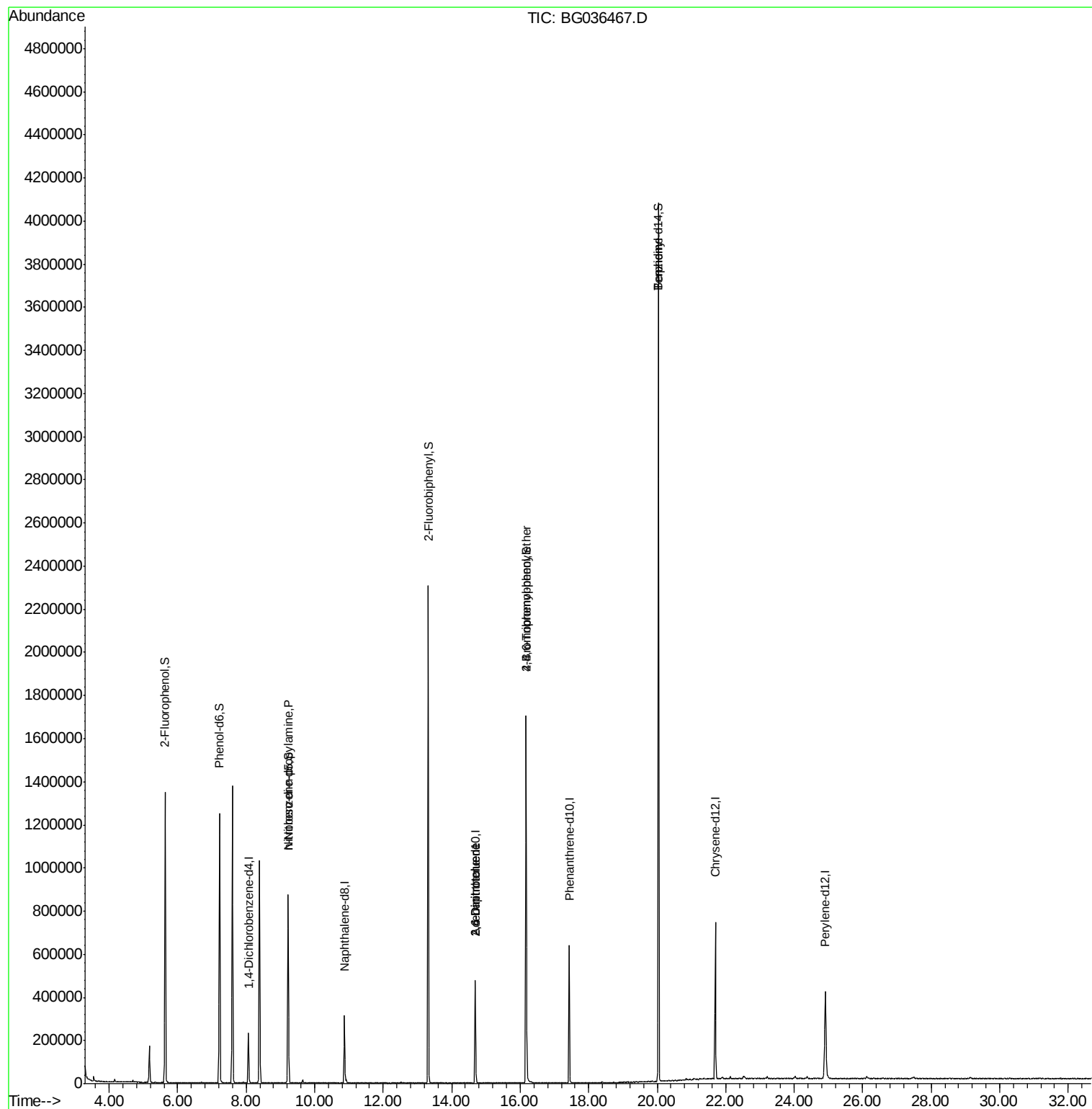
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	64929	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	255043	20.00	ng	-0.01
38) Acenaphthene-d10	14.69	164	166189	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	412104	20.00	ng	0.00
75) Chrysene-d12	21.70	240	450332	20.00	ng	-0.01
86) Perylene-d12	24.91	264	452535	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	553942	135.33	ng	0.00
7) Phenol-d6	7.22	99	713930	121.82	ng	0.00
23) Nitrobenzene-d5	9.22	82	513768	109.30	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	321816	162.29	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1157478	99.45	ng	-0.01
78) Terphenyl-d14	20.04	244	1884225	97.80	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	67439	15.398	ng	# 73
50) 2,6-Dinitrotoluene	14.69	165	21080	7.549	ng	# 22
56) 2,4-Dinitrotoluene	14.69	165	21080	5.792	ng	# 20
66) 4-Bromophenyl-phenylether	16.17	248	23144	4.797	ng	# 1
76) Benzidine	20.04	184	34363	2.392	ng	95

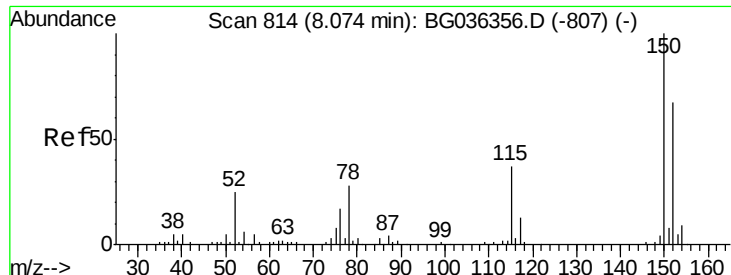
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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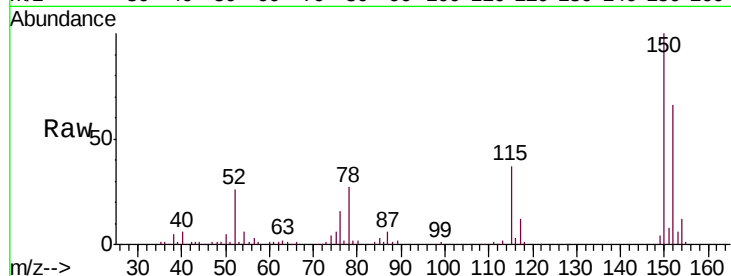


#1

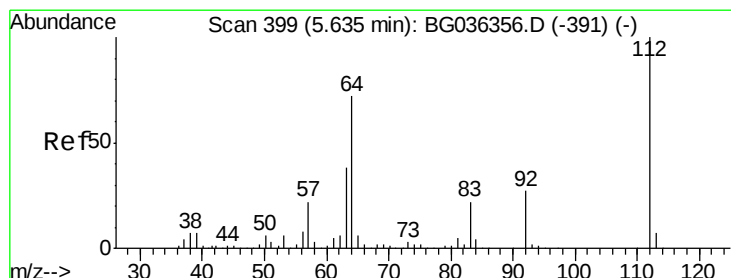
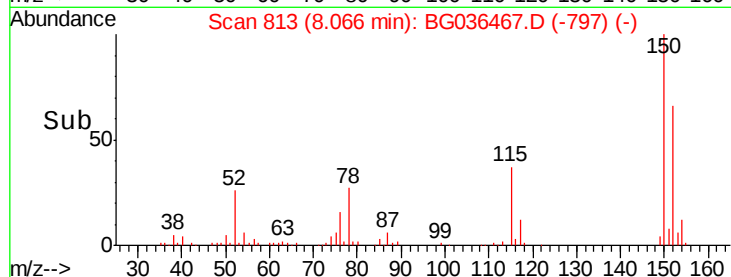
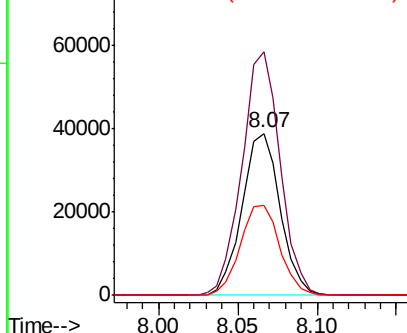
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG036467.D
Acq: 28 Aug 2018 20:56

Instrument :
BNA_G
ClientSampleId :
OR-01-082718-A

Tgt Ion:152 Resp: 64929
Ion Ratio Lower Upper
152 100
150 150.5 119.5 179.3
115 55.7 44.5 66.7



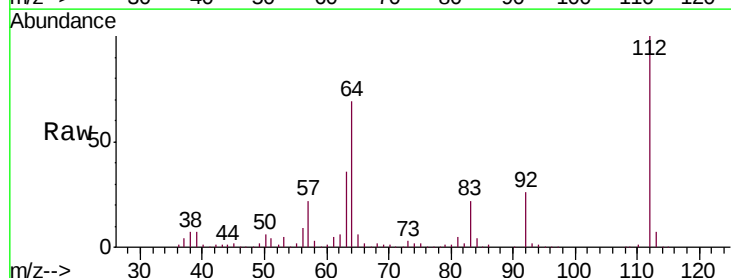
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



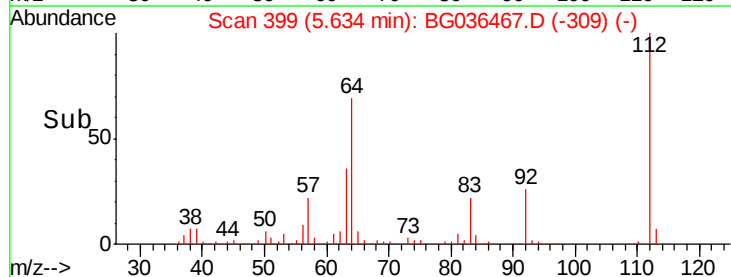
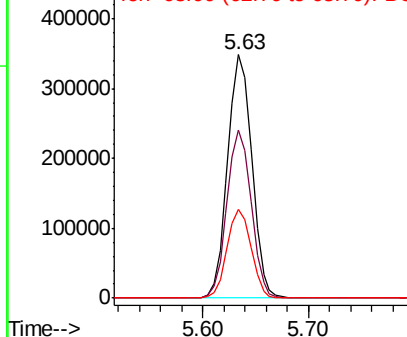
#5

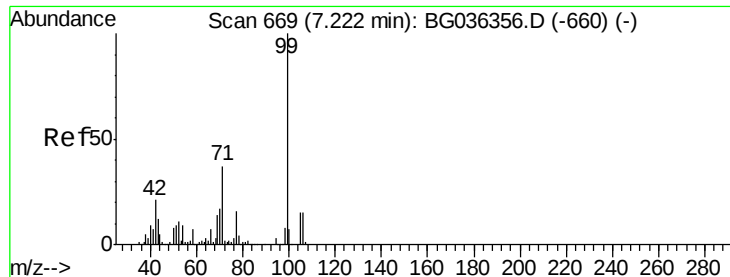
2-Fluorophenol
Concen: 135.335 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG036467.D
Acq: 28 Aug 2018 20:56

Tgt Ion:112 Resp: 553942
Ion Ratio Lower Upper
112 100
64 69.0 57.2 85.8
63 36.3 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: 121.824 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036467.D

Acq: 28 Aug 2018 20:56

Instrument :

BNA_G

ClientSampleId :

OR-01-082718-A

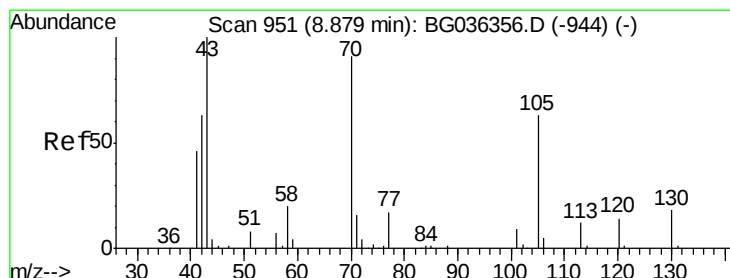
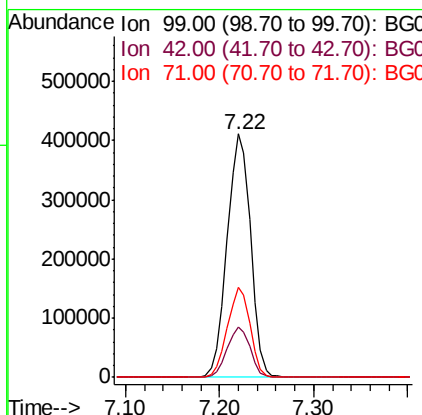
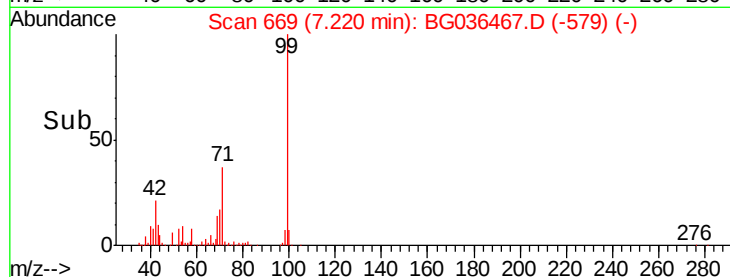
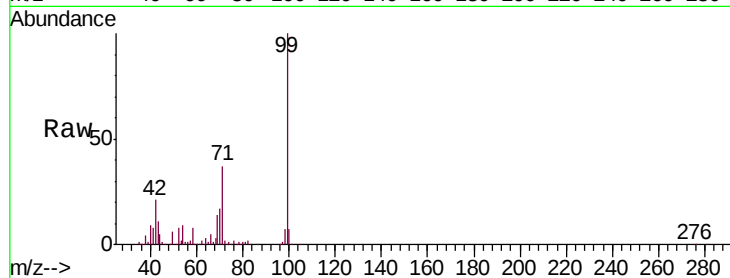
Tgt Ion: 99 Resp: 713930

Ion Ratio Lower Upper

99 100

42 20.7 16.5 24.7

71 36.7 29.4 44.2



#19

n-Nitroso-di-n-propylamine

Concen: 15.398 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.34 min

Lab File: BG036467.D

Acq: 28 Aug 2018 20:56

Tgt Ion: 70 Resp: 67439

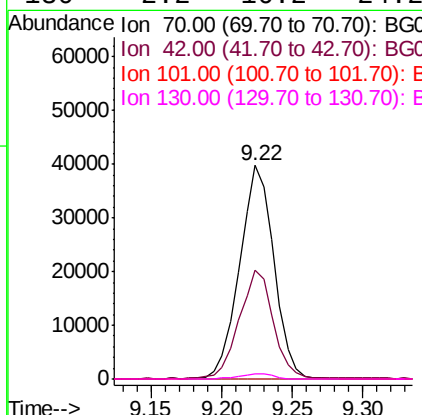
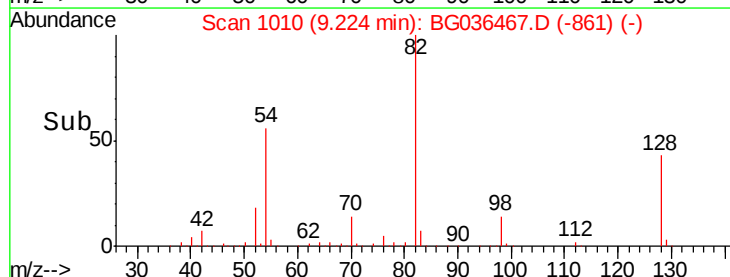
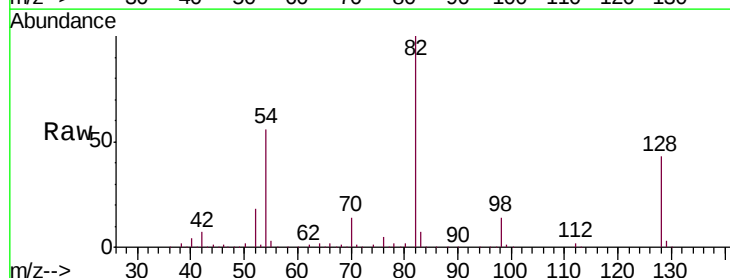
Ion Ratio Lower Upper

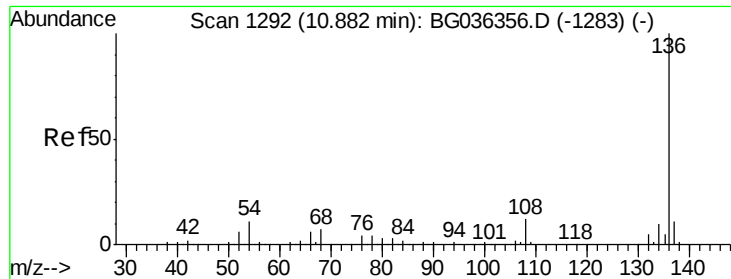
70 100

42 51.1 56.2 84.4#

101 0.0 7.8 11.6#

130 2.2 16.2 24.2#

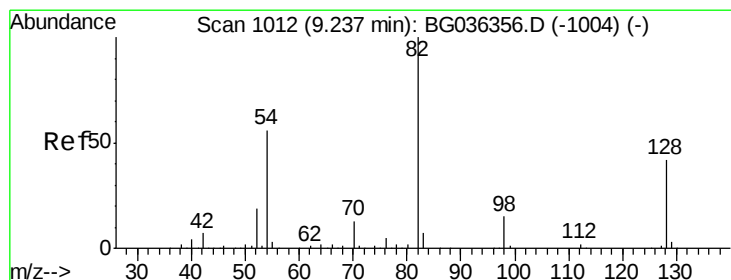
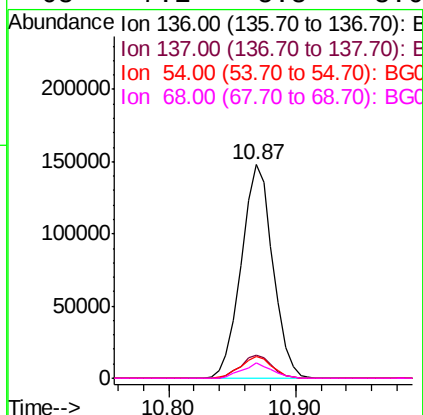
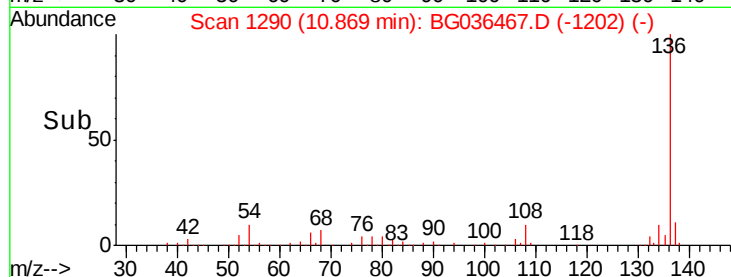
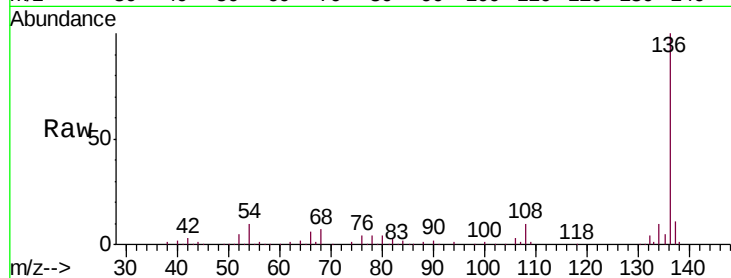




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BG036467.D
Acq: 28 Aug 2018 20:56

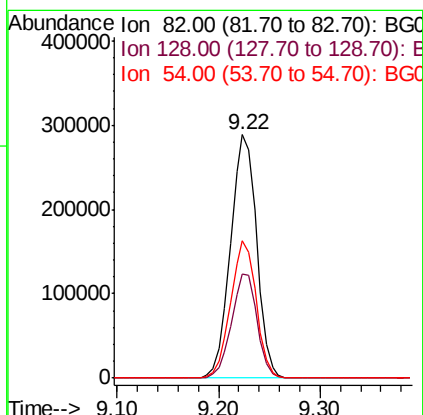
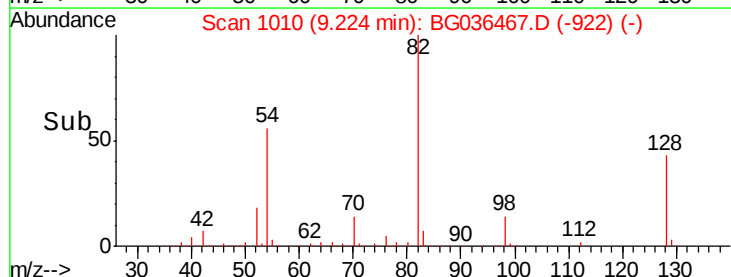
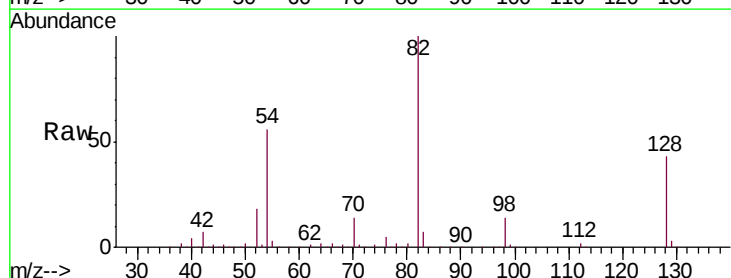
Instrument :
BNA_G
ClientSampleId :
OR-01-082718-A

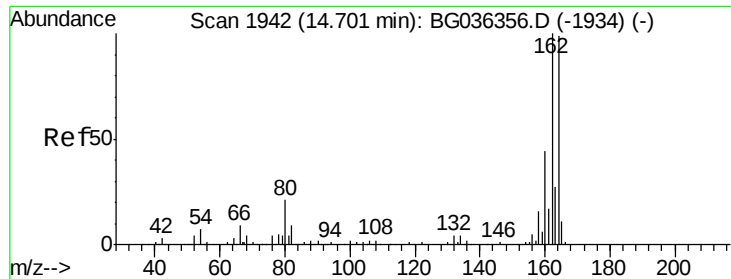
Tgt Ion:	136	Resp:	255043
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	10.0	9.2	13.8
68	7.1	5.8	8.6



#23
Nitrobenzene-d5
Concen: 109.297 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BG036467.D
Acq: 28 Aug 2018 20:56

Tgt Ion:	82	Resp:	513768
Ion	Ratio	Lower	Upper
82	100		
128	42.6	33.3	49.9
54	56.5	45.1	67.7

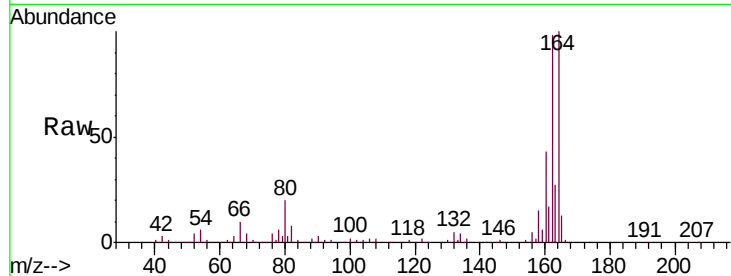




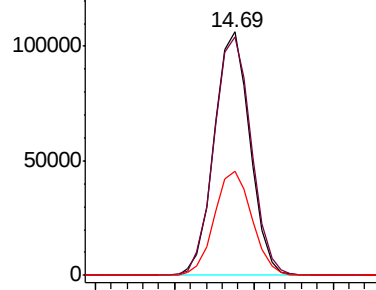
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG036467.D
 Acq: 28 Aug 2018 20:56

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-082718-A

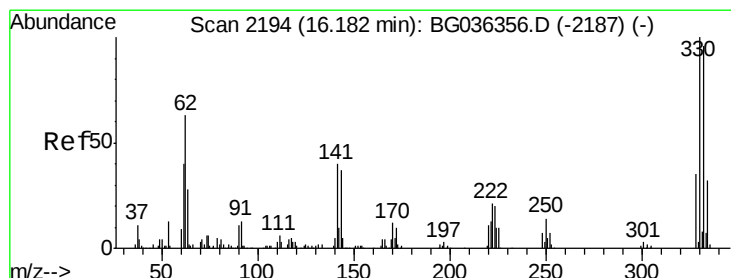
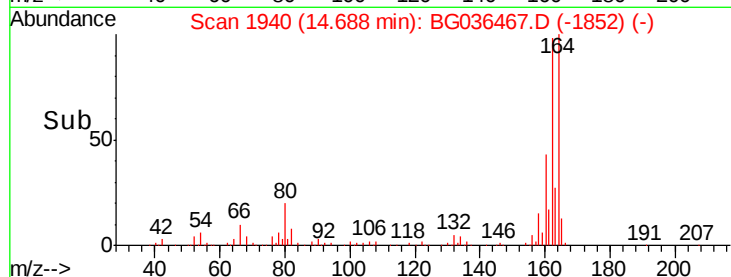
Tgt Ion:164 Resp: 166189
 Ion Ratio Lower Upper
 164 100
 162 98.0 80.7 121.1
 160 42.6 35.3 52.9



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

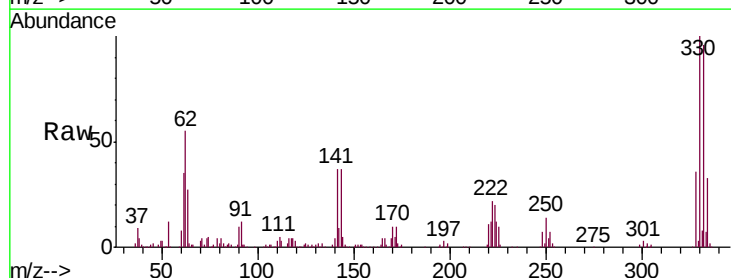


Time--> 14.60 14.65 14.70 14.75

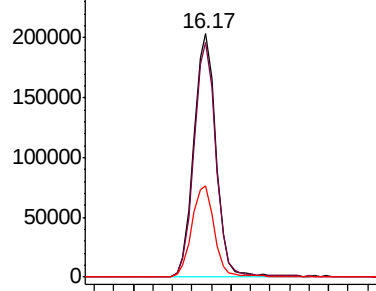


#41
 2,4,6-Tribromophenol
 Concen: 162.287 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG036467.D
 Acq: 28 Aug 2018 20:56

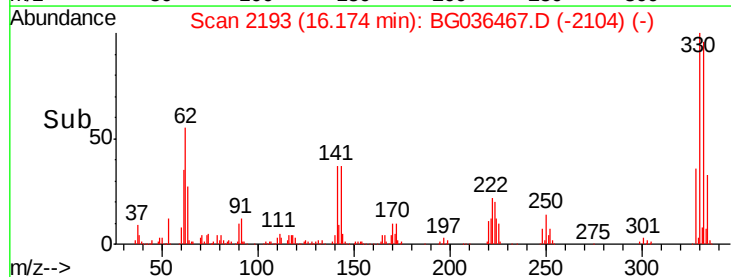
Tgt Ion:330 Resp: 321816
 Ion Ratio Lower Upper
 330 100
 332 95.8 75.4 113.2
 141 37.8 30.7 46.1

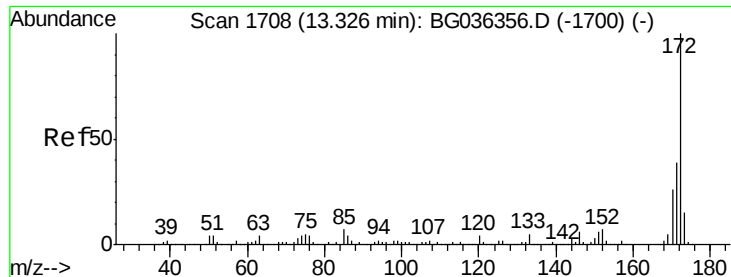


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



Time--> 16.10 16.20 16.30

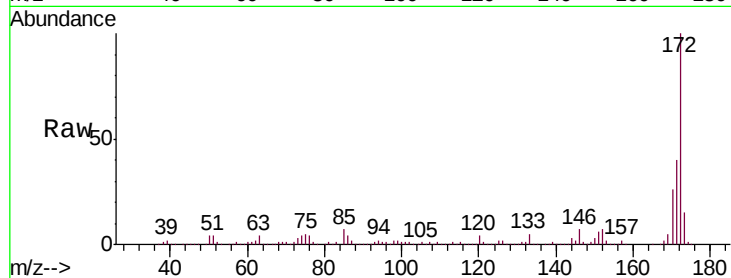




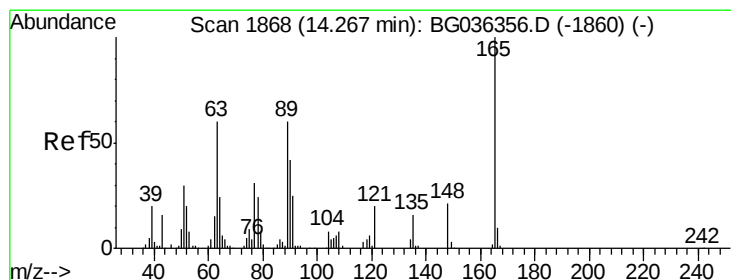
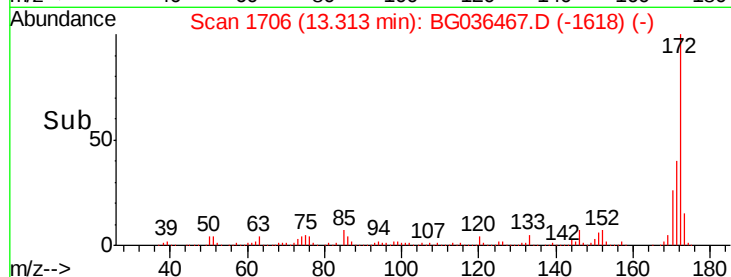
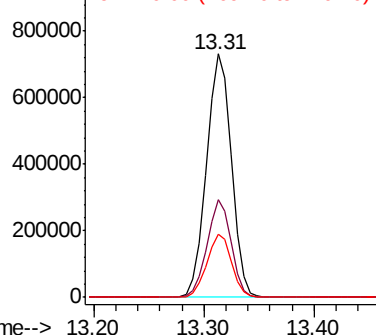
#44
 2-Fluorobiphenyl
 Concen: 99.445 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG036467.D
 Acq: 28 Aug 2018 20:56

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-082718-A

Tgt Ion:172 Resp: 1157478
 Ion Ratio Lower Upper
 172 100
 171 39.9 31.3 46.9
 170 25.9 21.0 31.6

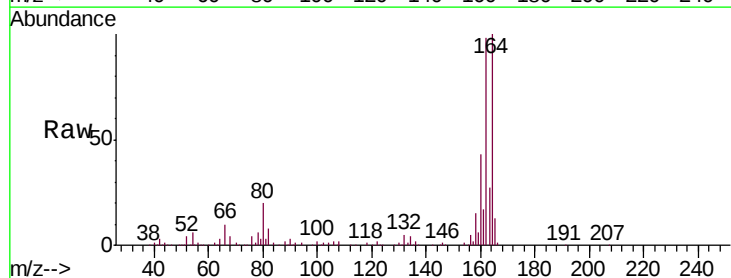


Abundance Ion 172.00 (171.70 to 172.70): E
 1000000 Ion 171.00 (170.70 to 171.70): E
 800000 Ion 170.00 (169.70 to 170.70): E

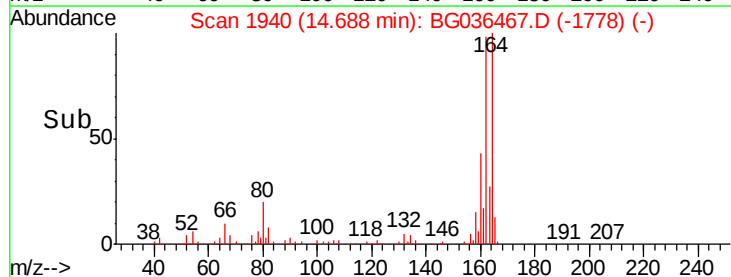
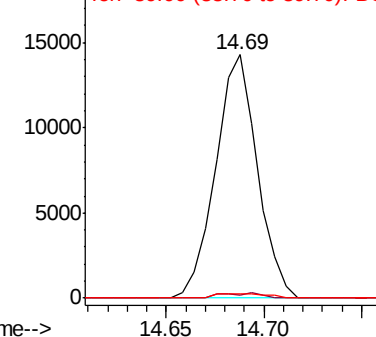


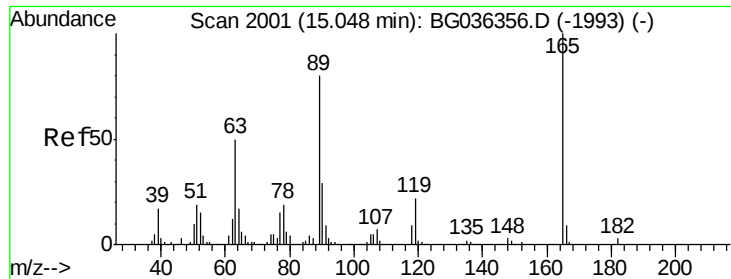
#50
 2,6-Dinitrotoluene
 Concen: 7.549 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. 0.42 min
 Lab File: BG036467.D
 Acq: 28 Aug 2018 20:56

Tgt Ion:165 Resp: 21080
 Ion Ratio Lower Upper
 165 100
 63 1.5 50.1 75.1#
 89 2.0 47.8 71.6#



Abundance Ion 165.00 (164.70 to 165.70): E
 20000 Ion 63.00 (62.70 to 63.70): BG
 15000 Ion 89.00 (88.70 to 89.70): BG

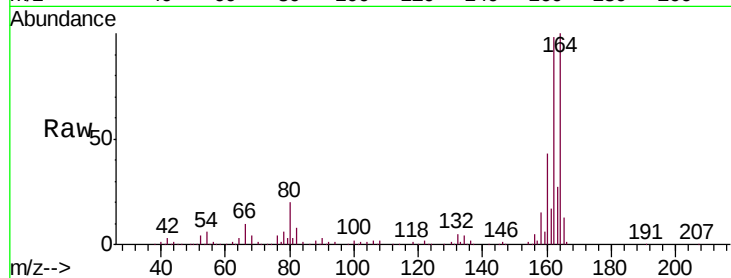




#56
 2,4-Dinitrotoluene
 Concen: 5.792 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.36 min
 Lab File: BG036467.D
 Acq: 28 Aug 2018 20:56

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-082718-A

Tgt Ion:	165	Resp:	21080
Ion	Ratio	Lower	Upper
165	100		
63	1.5	40.1	60.1#
89	2.0	63.7	95.5#
182	0.0	2.5	3.7#

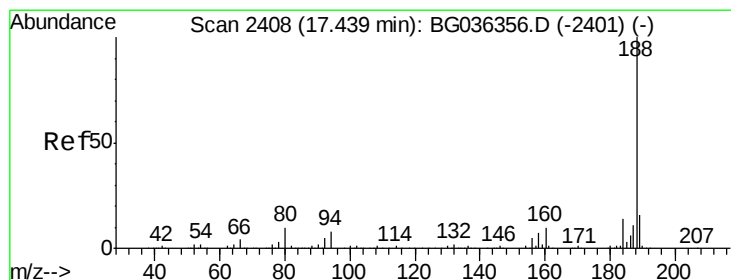
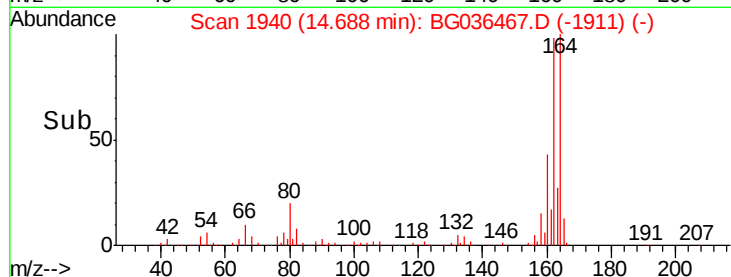
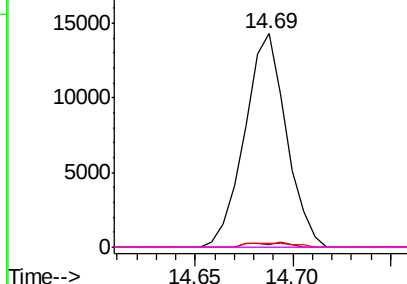


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

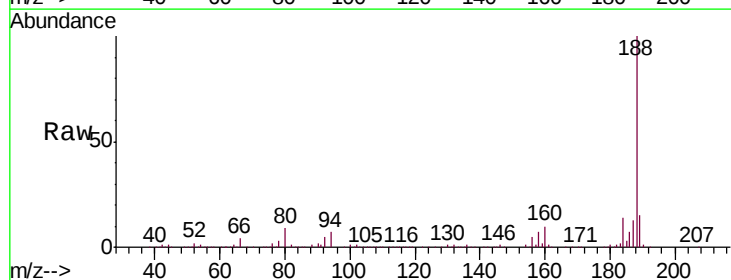
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2407
 Delta R.T. -0.01 min
 Lab File: BG036467.D
 Acq: 28 Aug 2018 20:56

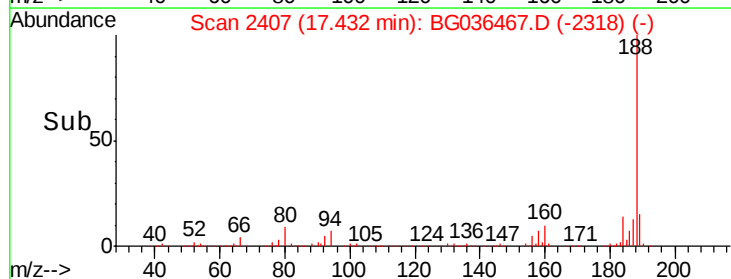
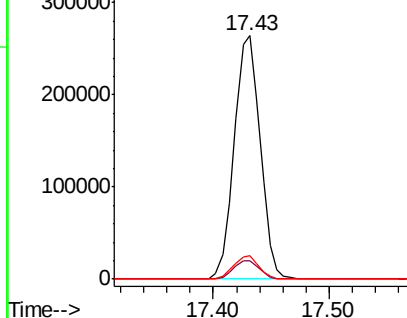
Tgt Ion:	188	Resp:	412104
Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.7	10.1
80	9.4	8.1	12.1

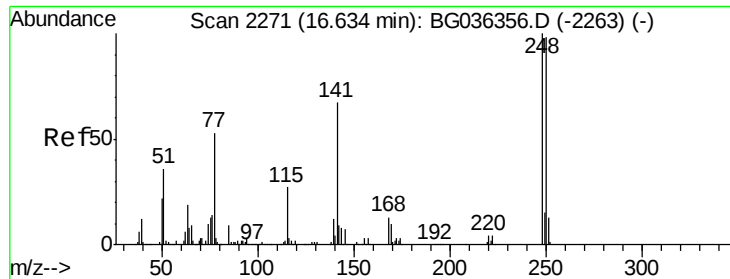


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

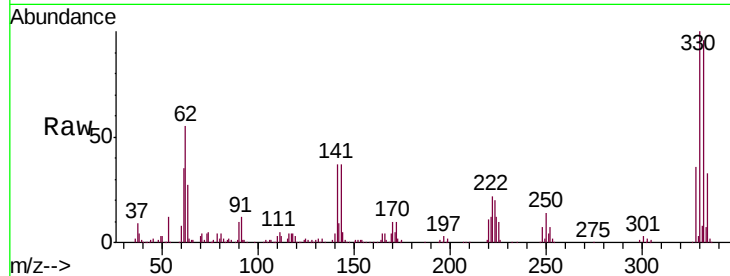




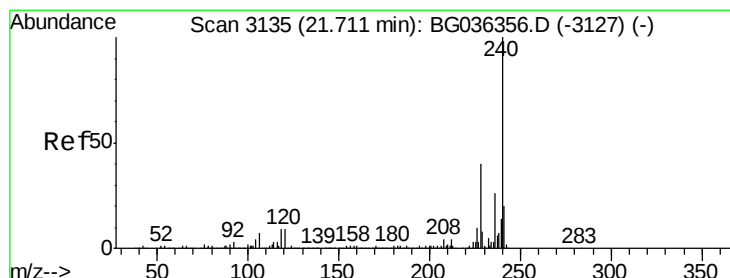
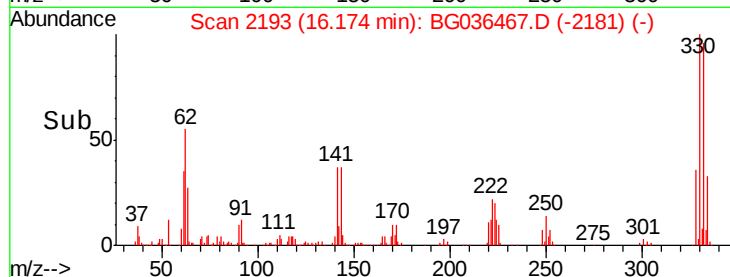
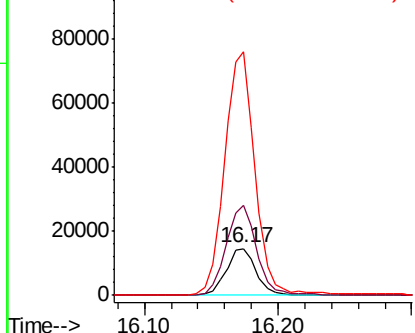
#66
 4-Bromophenyl-phenylether
 Concen: 4.797 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.46 min
 Lab File: BG036467.D
 Acq: 28 Aug 2018 20:56

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-082718-A

Tgt Ion:248 Resp: 23144
 Ion Ratio Lower Upper
 248 100
 250 193.8 78.1 117.1#
 141 522.8 53.7 80.5#

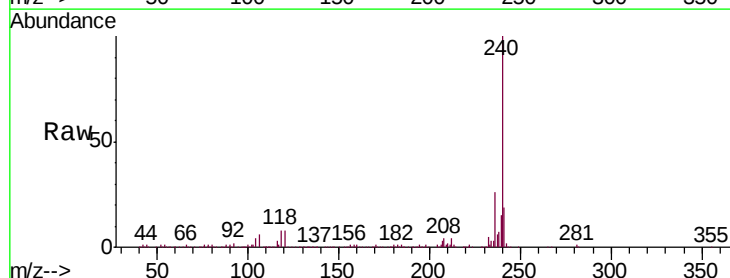


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

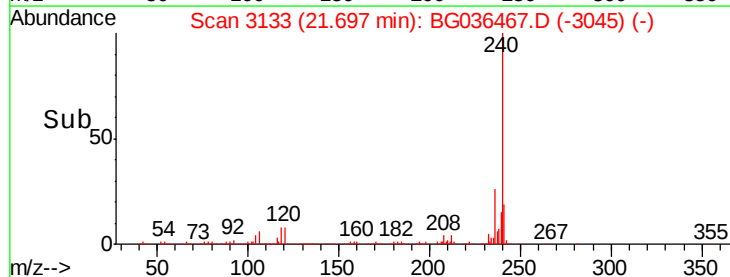
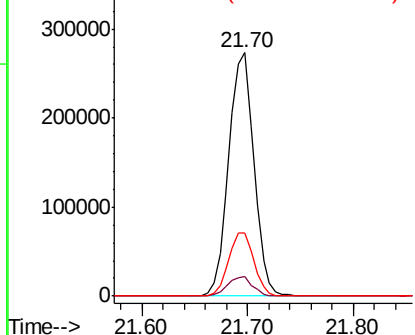


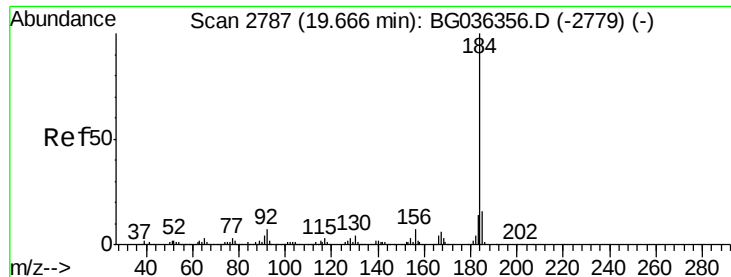
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3133
 Delta R.T. -0.01 min
 Lab File: BG036467.D
 Acq: 28 Aug 2018 20:56

Tgt Ion:240 Resp: 450332
 Ion Ratio Lower Upper
 240 100
 120 7.9 6.9 10.3
 236 25.8 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





#76

Benzidine

Concen: 2.392 ng

RT: 20.04 min Scan# 2851

Delta R.T. 0.37 min

Lab File: BG036467.D

Acq: 28 Aug 2018 20:56

Instrument :

BNA_G

ClientSampleId :

OR-01-082718-A

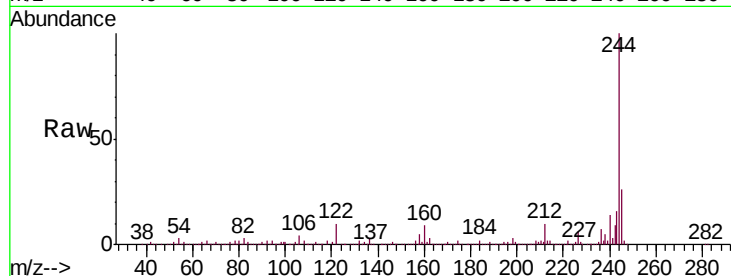
Tgt Ion:184 Resp: 34363

Ion Ratio Lower Upper

184 100

185 16.9 12.6 18.8

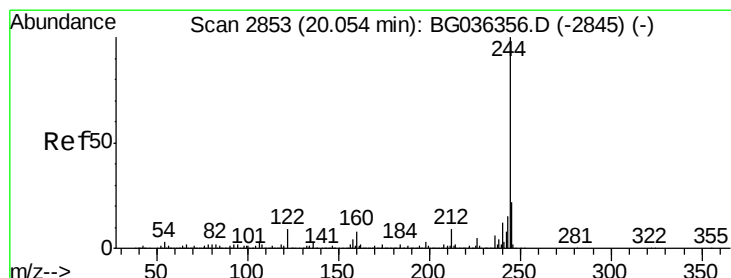
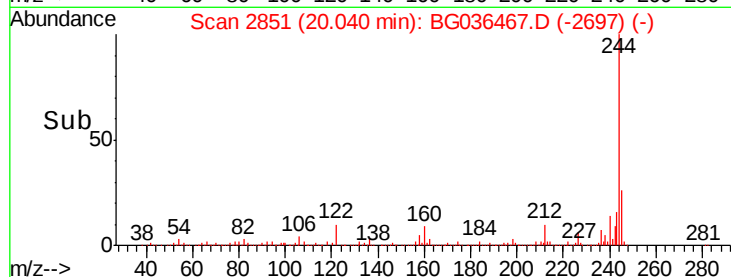
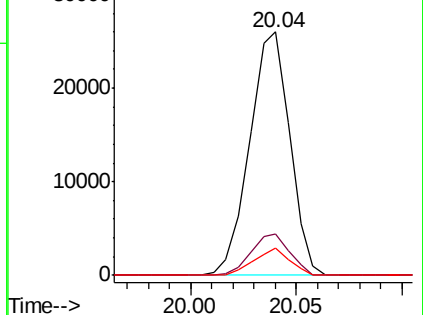
183 11.0 10.9 16.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 97.796 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG036467.D

Acq: 28 Aug 2018 20:56

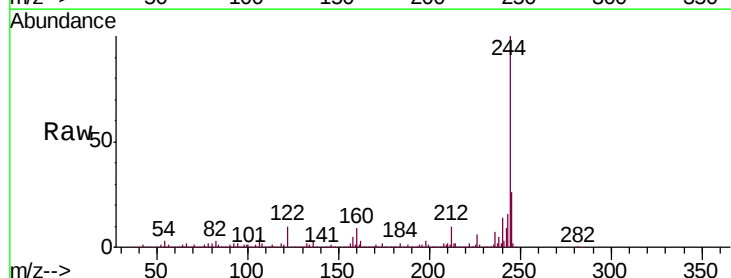
Tgt Ion:244 Resp: 1884225

Ion Ratio Lower Upper

244 100

212 9.7 7.0 10.6

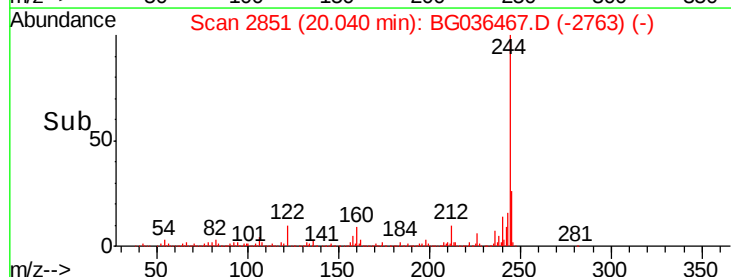
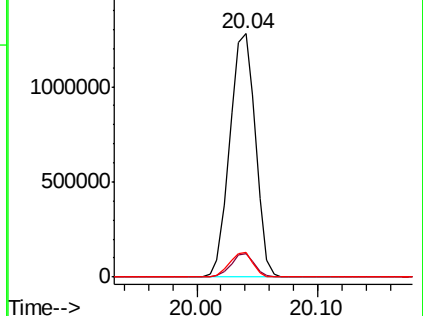
122 9.9 7.1 10.7

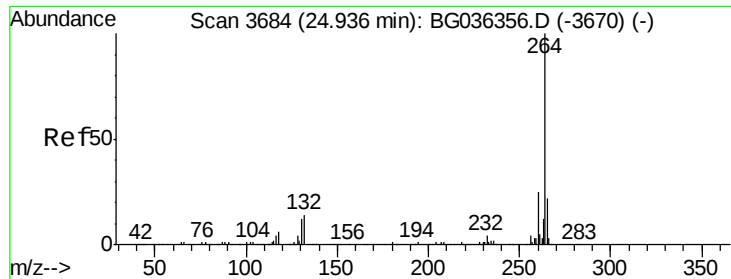


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.91 min Scan# 3679

Delta R.T. -0.03 min

Lab File: BG036467.D

Acq: 28 Aug 2018 20:56

Instrument :

BNA_G

ClientSampleId :

OR-01-082718-A

Tgt Ion: 264 Resp: 452535

Ion Ratio Lower Upper

264 100

260 22.7 19.6 29.4

265 21.5 17.4 26.0

