

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082818\
 Data File : BG036476.D
 Acq On : 29 Aug 2018 2:48
 Operator : JU/SJ
 Sample : PB112436BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB112436BL

Quant Time: Aug 29 05:27:44 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

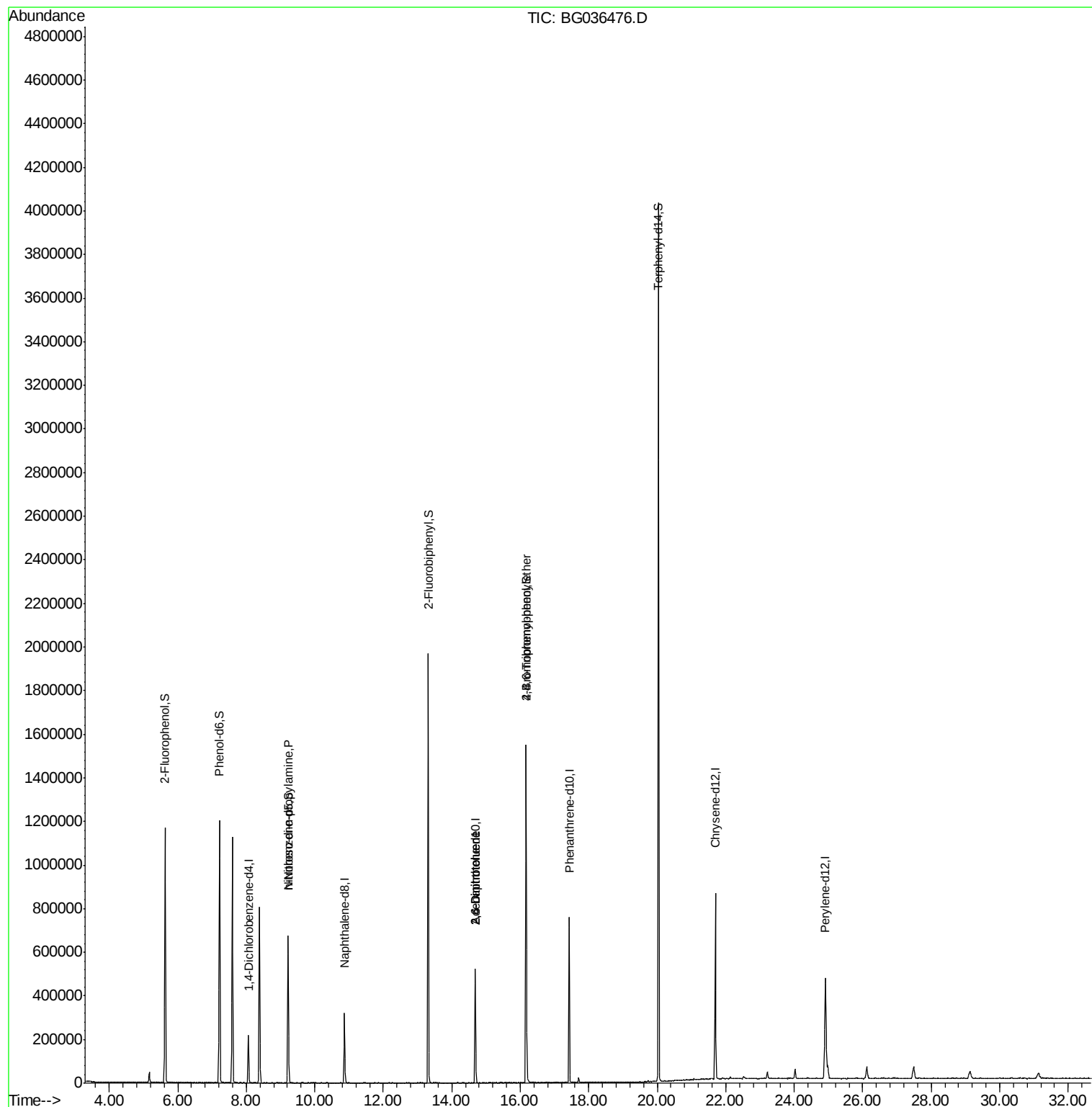
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	63014	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	265428	20.00	ng	-0.02
38) Acenaphthene-d10	14.69	164	178203	20.00	ng	-0.02
63) Phenanthrene-d10	17.43	188	480929	20.00	ng	0.00
75) Chrysene-d12	21.70	240	527748	20.00	ng	-0.02
86) Perylene-d12	24.91	264	528611	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	490878	123.57	ng	0.00
7) Phenol-d6	7.22	99	693041	121.85	ng	0.00
23) Nitrobenzene-d5	9.22	82	406041	83.00	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	298745	140.50	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	997817	79.95	ng	-0.02
78) Terphenyl-d14	20.04	244	1786732	79.13	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	53807	12.659	ng	# 70
50) 2,6-Dinitrotoluene	14.69	165	22879	7.641	ng	# 22
56) 2,4-Dinitrotoluene	14.69	165	22879	5.863	ng	# 20
66) 4-Bromophenyl-phenylether	16.17	248	20958	3.722	ng	# 1

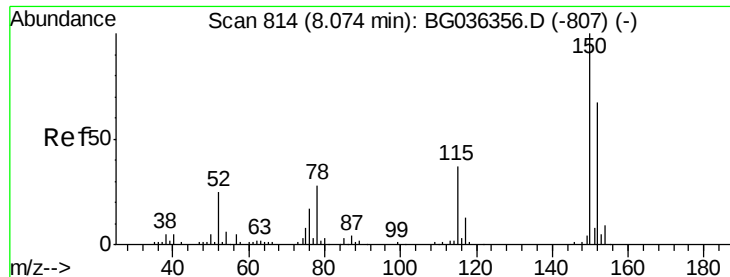
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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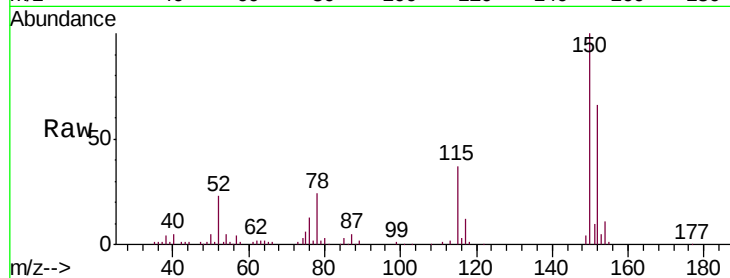


#1

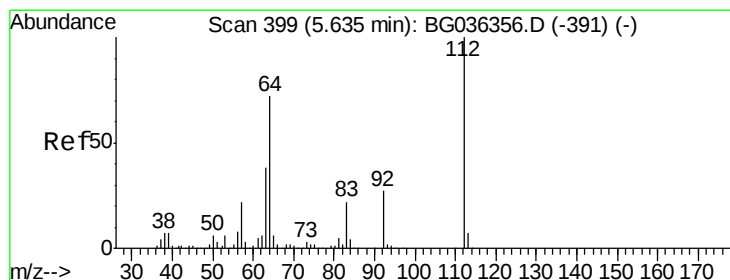
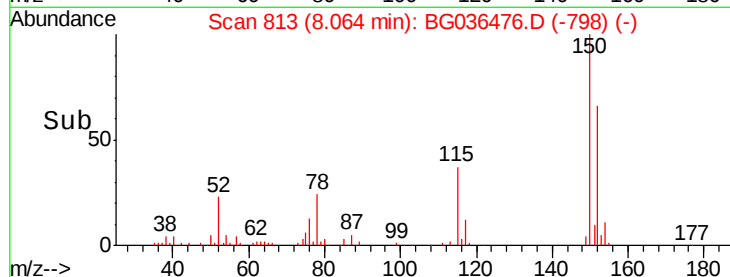
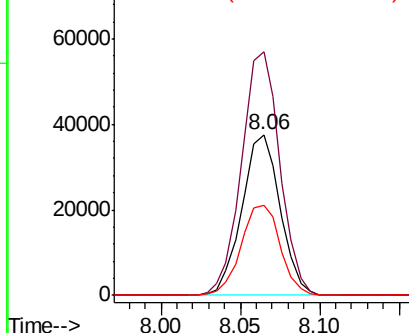
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG036476.D
Acq: 29 Aug 2018 2:48

Instrument :
BNA_G
ClientSampleId :
PB112436BL

Tgt Ion:152 Resp: 63014
Ion Ratio Lower Upper
152 100
150 151.3 119.5 179.3
115 56.3 44.5 66.7



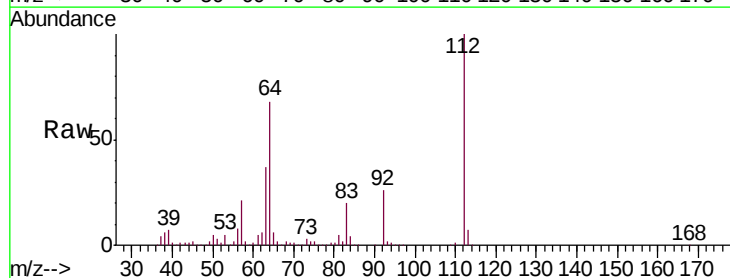
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



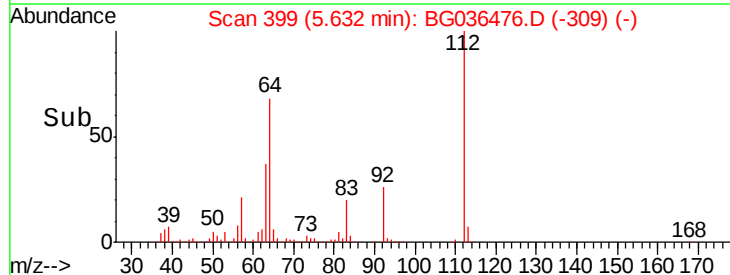
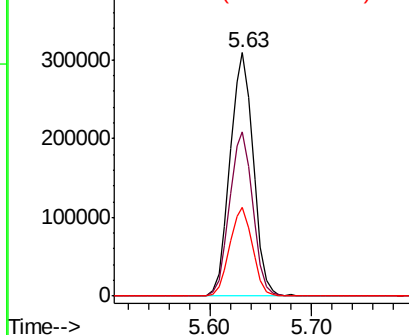
#5

2-Fluorophenol
Concen: 123.572 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG036476.D
Acq: 29 Aug 2018 2:48

Tgt Ion:112 Resp: 490878
Ion Ratio Lower Upper
112 100
64 67.5 57.2 85.8
63 36.6 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: 121.853 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036476.D

Acq: 29 Aug 2018 2:48

Instrument :

BNA_G

ClientSampled :

PB112436BL

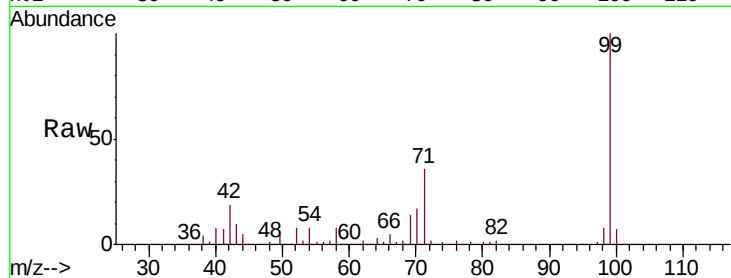
Tgt Ion: 99 Resp: 693041

Ion Ratio Lower Upper

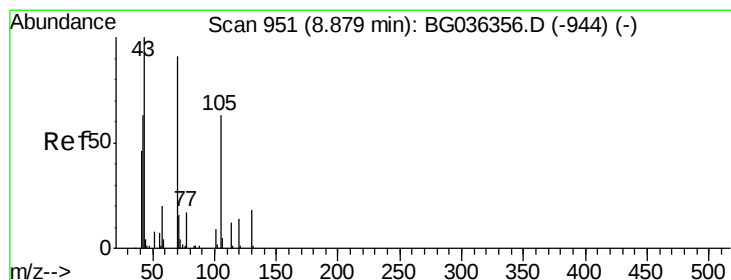
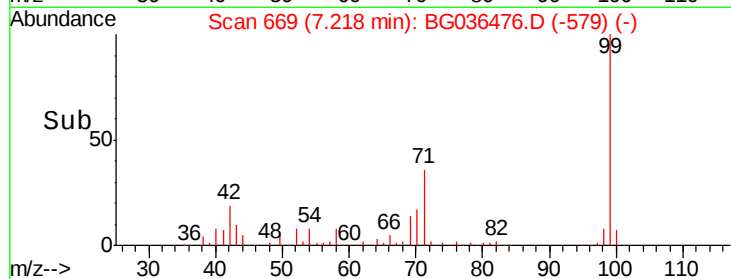
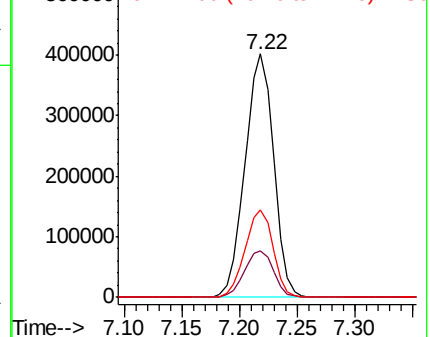
99 100

42 19.0 16.5 24.7

71 35.8 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: 9.22 min Scan# 1010

Delta R.T. 0.34 min

Lab File: BG036476.D

Acq: 29 Aug 2018 2:48

Tgt Ion: 70 Resp: 53807

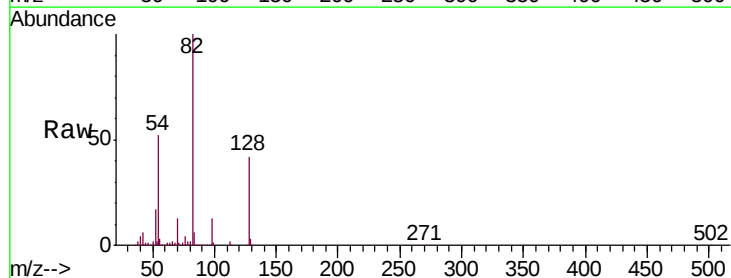
Ion Ratio Lower Upper

70 100

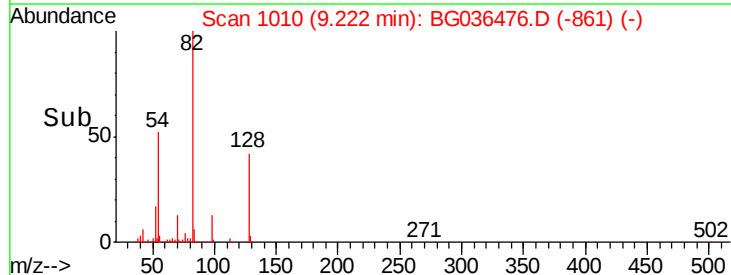
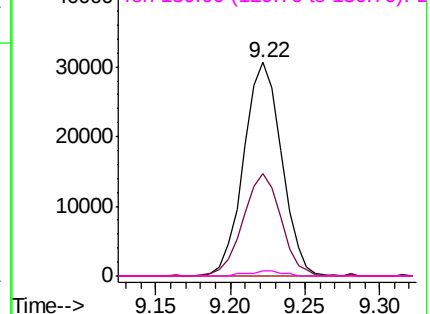
42 47.8 56.2 84.4#

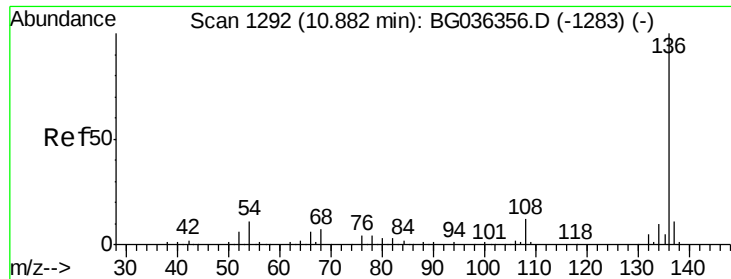
101 0.0 7.8 11.6#

130 2.4 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

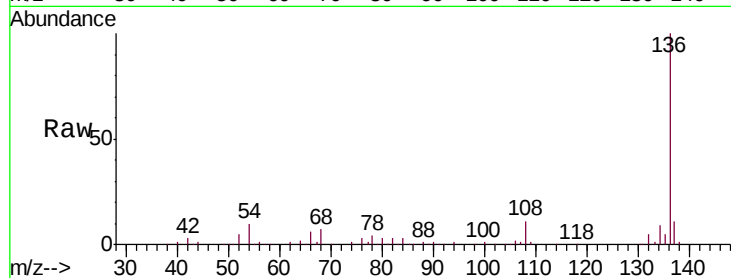




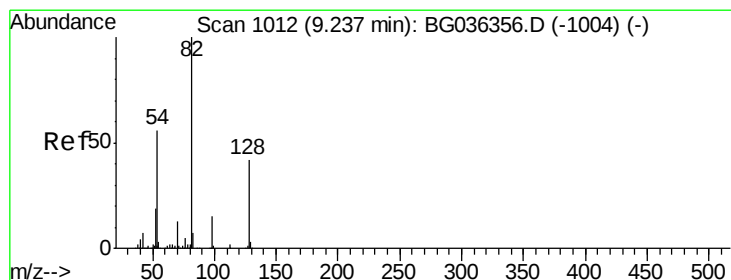
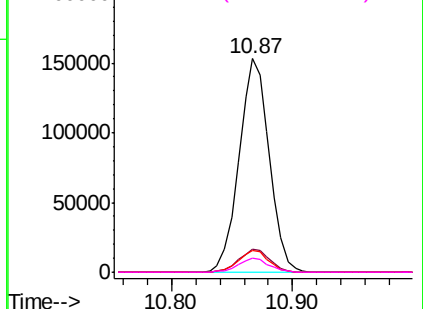
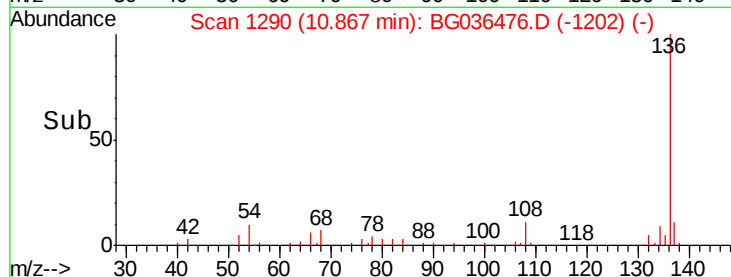
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG036476.D
Acq: 29 Aug 2018 2:48

Instrument :
BNA_G
ClientSampleId :
PB112436BL

Tgt Ion:	136	Resp:	265428
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	10.2	9.2	13.8
68	6.6	5.8	8.6

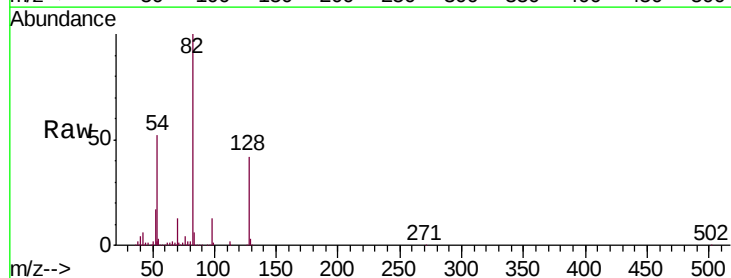


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

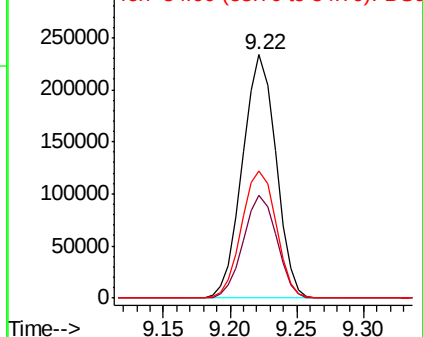
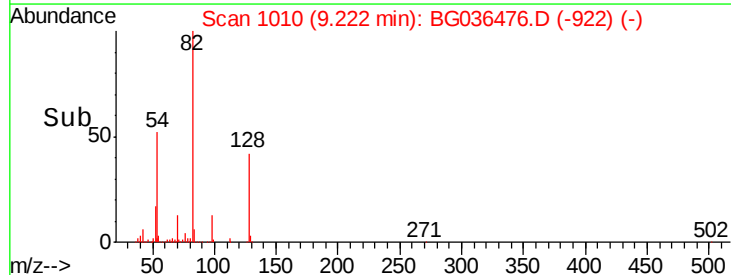


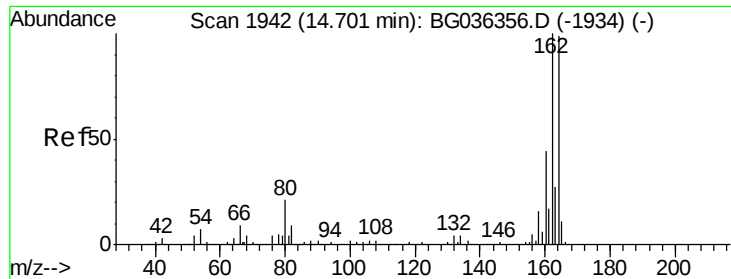
#23
Nitrobenzene-d5
Concen: 83.000 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG036476.D
Acq: 29 Aug 2018 2:48

Tgt Ion:	82	Resp:	406041
Ion	Ratio	Lower	Upper
82	100		
128	42.1	33.3	49.9
54	52.3	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

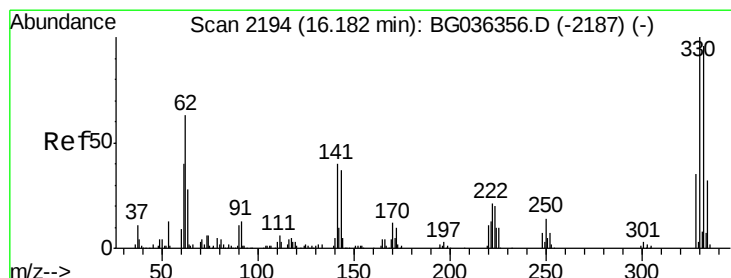
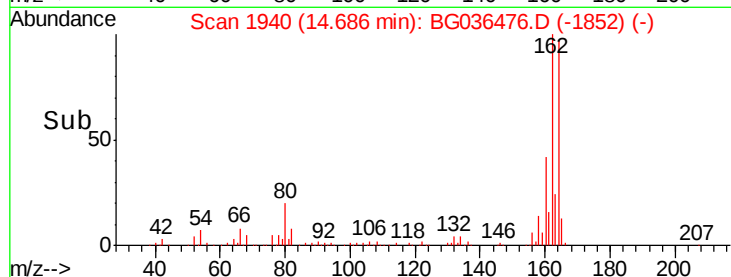
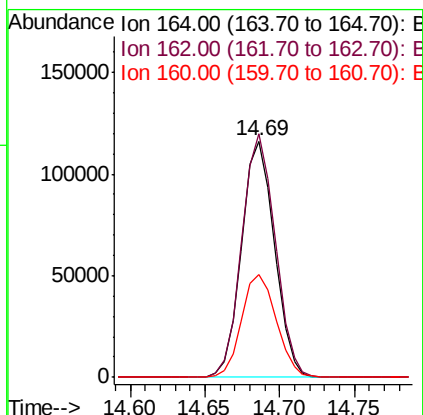
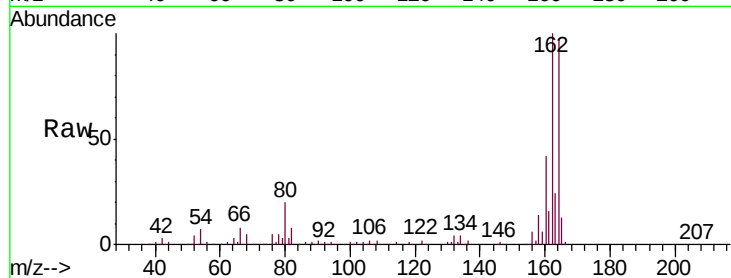




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.02 min
 Lab File: BG036476.D
 Acq: 29 Aug 2018 2:48

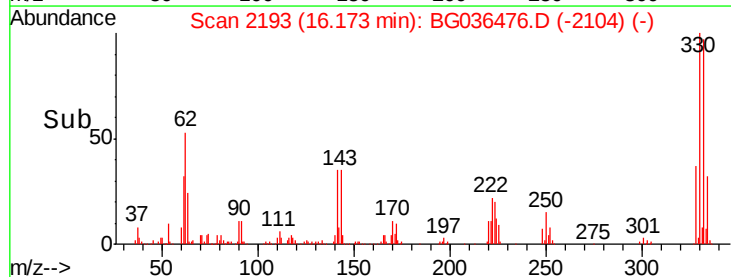
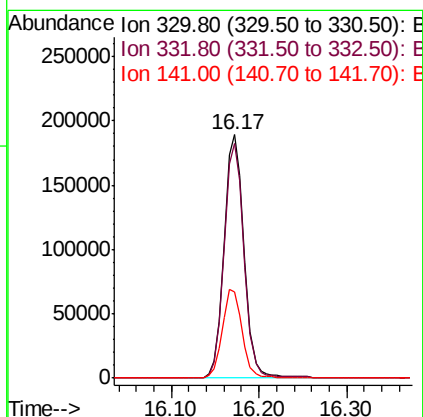
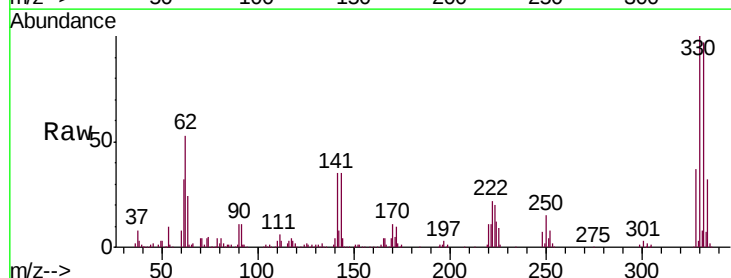
Instrument :
 BNA_G
 ClientSampleId :
 PB112436BL

Tgt Ion:164 Resp: 178203
 Ion Ratio Lower Upper
 164 100
 162 102.9 80.7 121.1
 160 43.7 35.3 52.9



#41
 2,4,6-Tribromophenol
 Concen: 140.496 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG036476.D
 Acq: 29 Aug 2018 2:48

Tgt Ion:330 Resp: 298745
 Ion Ratio Lower Upper
 330 100
 332 96.5 75.4 113.2
 141 36.3 30.7 46.1

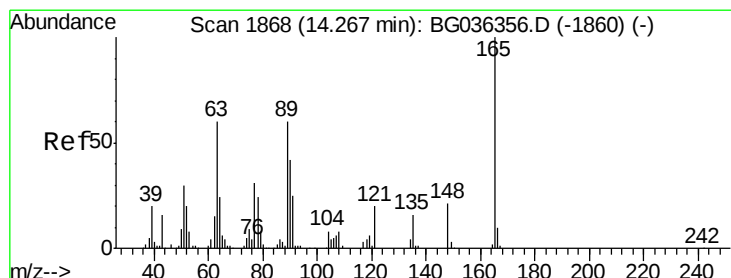
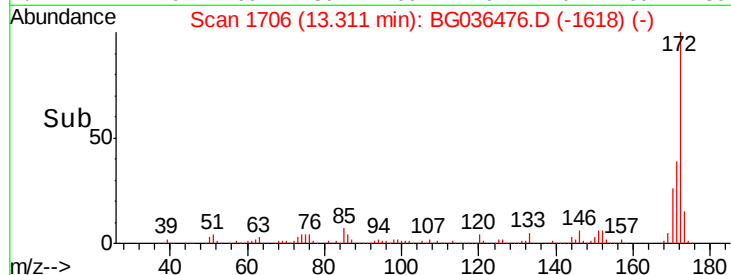
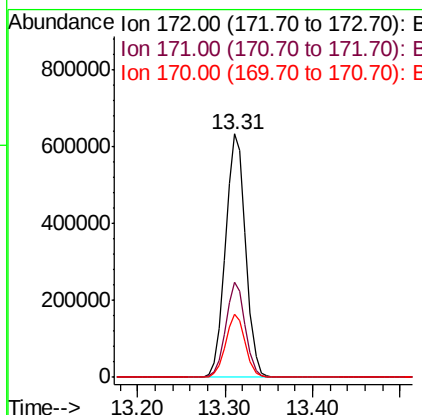
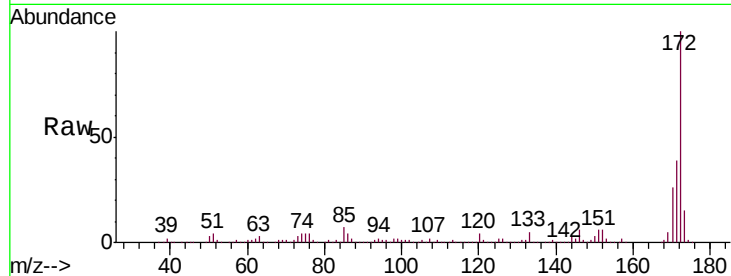




#44
 2-Fluorobiphenyl
 Concen: 79.948 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG036476.D
 Acq: 29 Aug 2018 2:48

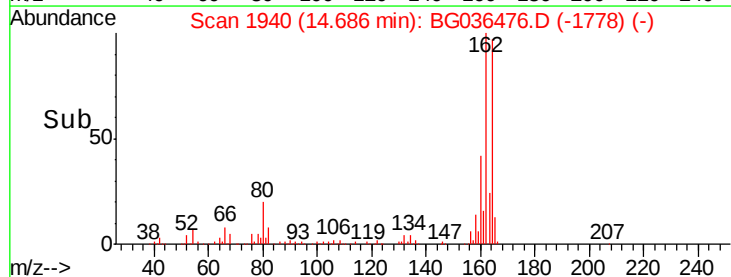
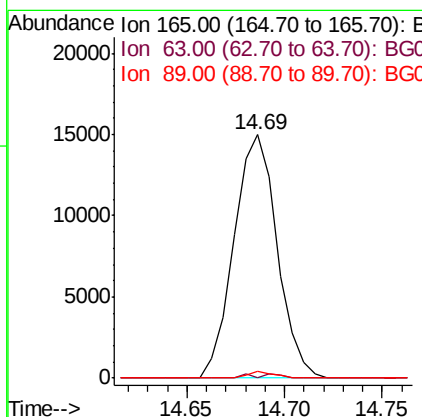
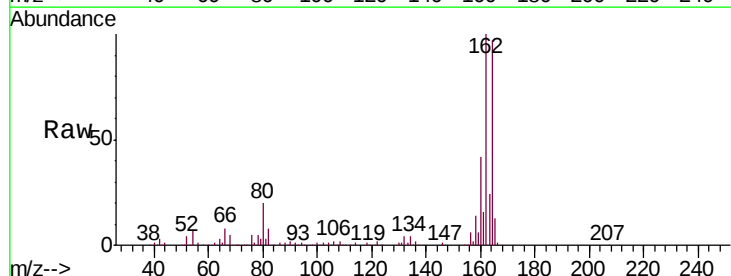
Instrument :
 BNA_G
 ClientSampleId :
 PB112436BL

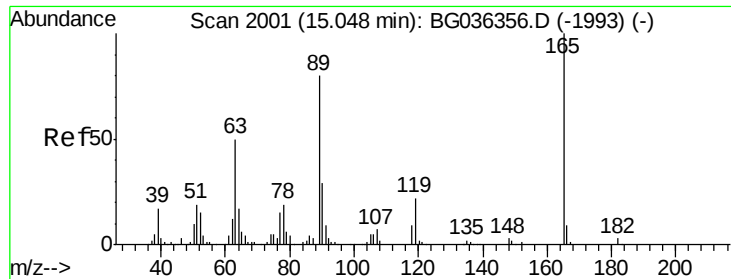
Tgt Ion:172 Resp: 997817
 Ion Ratio Lower Upper
 172 100
 171 39.3 31.3 46.9
 170 25.8 21.0 31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.641 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. 0.42 min
 Lab File: BG036476.D
 Acq: 29 Aug 2018 2:48

Tgt Ion:165 Resp: 22879
 Ion Ratio Lower Upper
 165 100
 63 0.0 50.1 75.1#
 89 2.8 47.8 71.6#

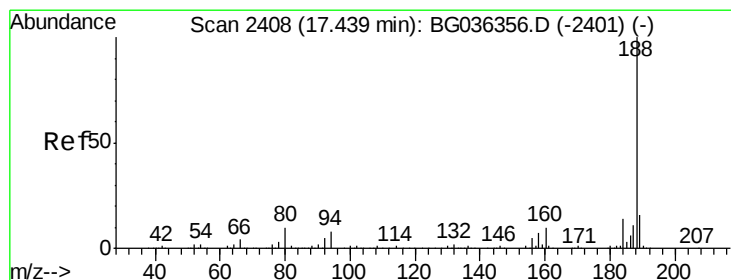
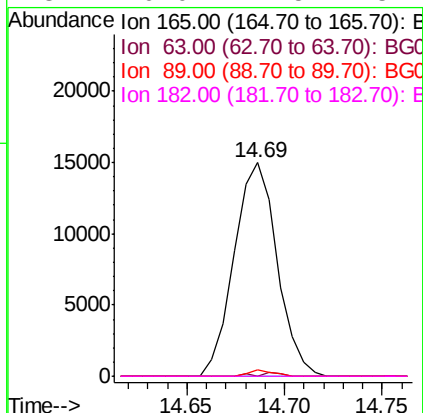
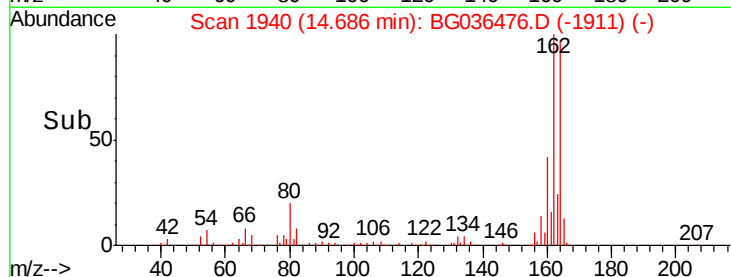
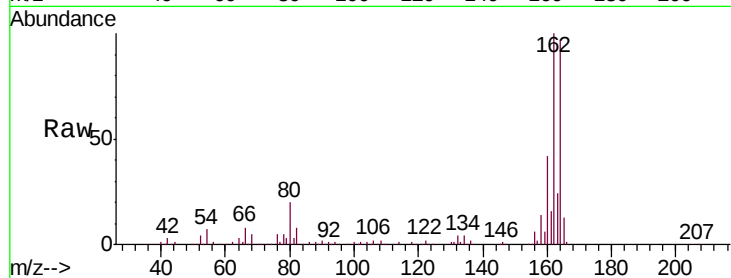




#56
 2,4-Dinitrotoluene
 Concen: 5.863 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.36 min
 Lab File: BG036476.D
 Acq: 29 Aug 2018 2:48

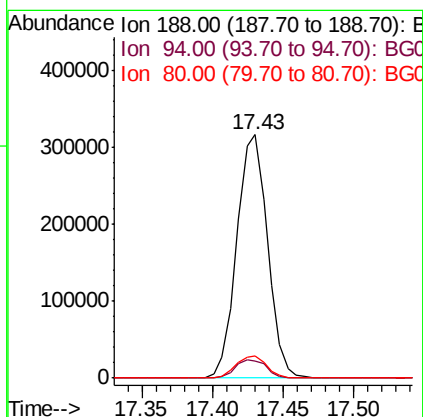
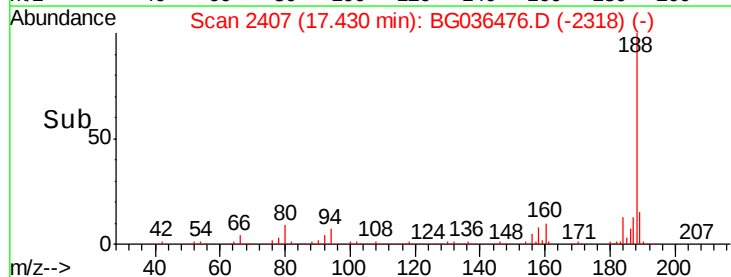
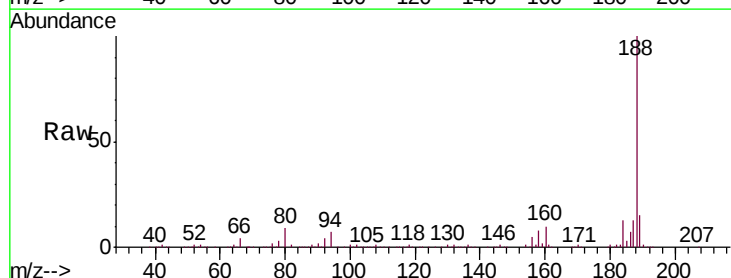
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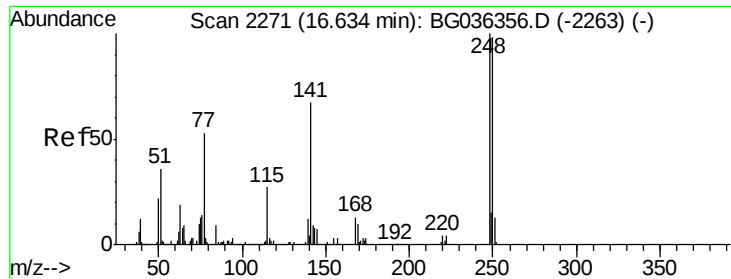
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	2.8	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2407
 Delta R.T. -0.01 min
 Lab File: BG036476.D
 Acq: 29 Aug 2018 2:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.7	10.1
80	8.9	8.1	12.1

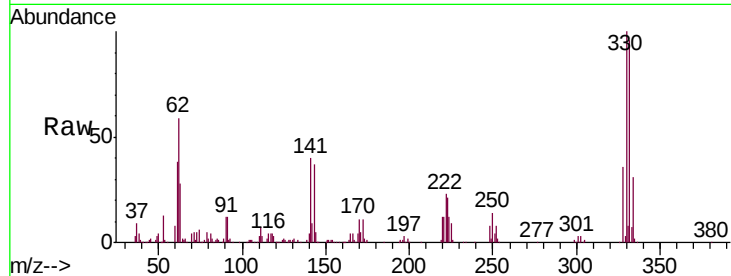




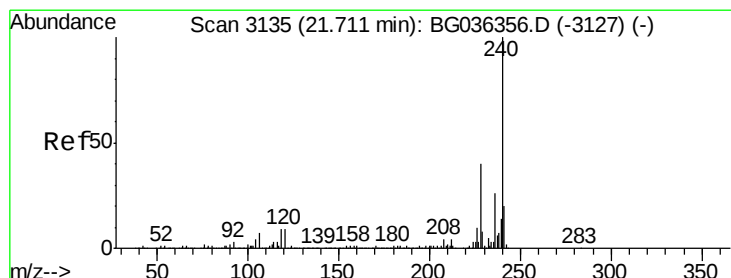
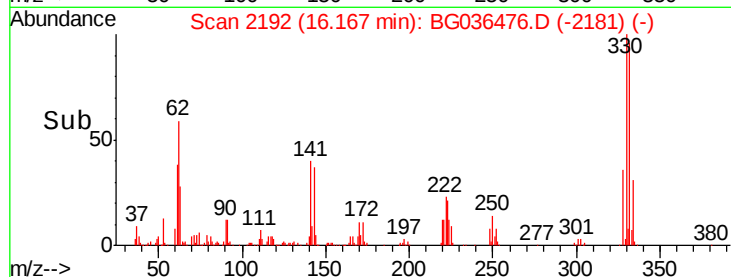
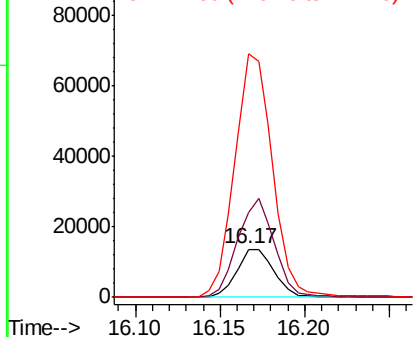
#66
4-Bromophenyl-phenylether
Concen: 3.722 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.47 min
Lab File: BG036476.D
Acq: 29 Aug 2018 2:48

Instrument :
BNA_G
ClientSampleId :
PB112436BL

Tgt Ion:248 Resp: 20958
Ion Ratio Lower Upper
248 100
250 177.4 78.1 117.1#
141 507.2 53.7 80.5#

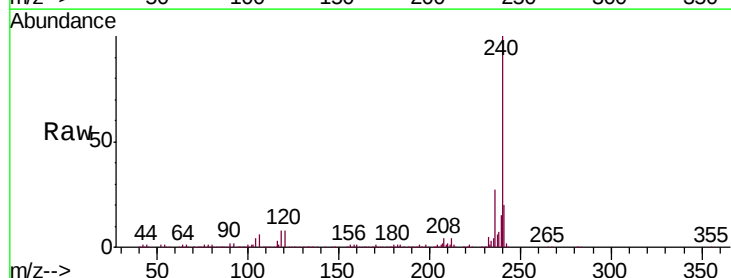


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

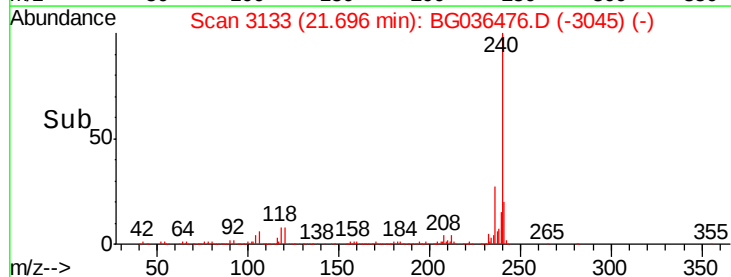
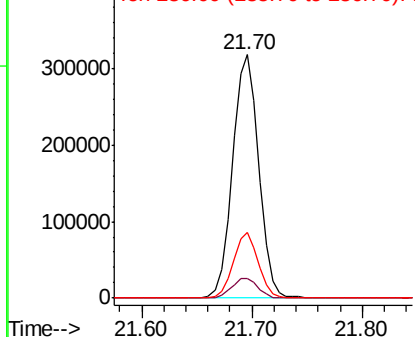


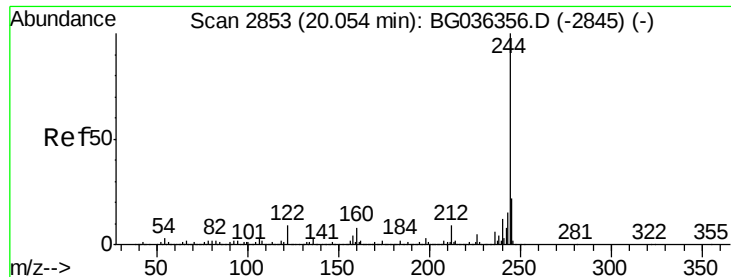
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3133
Delta R.T. -0.02 min
Lab File: BG036476.D
Acq: 29 Aug 2018 2:48

Tgt Ion:240 Resp: 527748
Ion Ratio Lower Upper
240 100
120 7.9 6.9 10.3
236 26.8 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





#78

Terphenyl-d14

Concen: 79.133 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.02 min

Lab File: BG036476.D

Acq: 29 Aug 2018 2:48

Instrument :

BNA_G

ClientSampleId :

PB112436BL

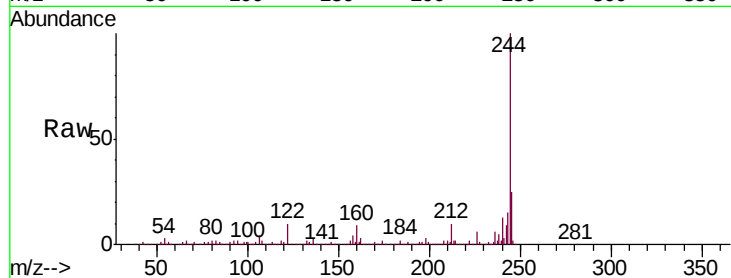
Tgt Ion:244 Resp: 1786732

Ion Ratio Lower Upper

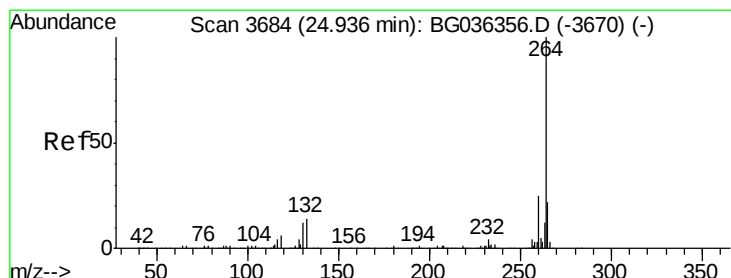
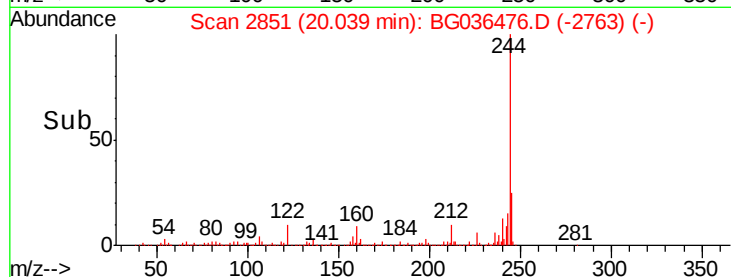
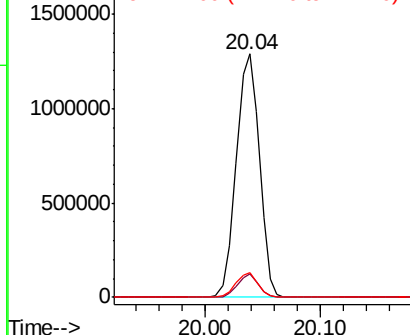
244 100

212 9.6 7.0 10.6

122 10.0 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# 3680

Delta R.T. -0.03 min

Lab File: BG036476.D

Acq: 29 Aug 2018 2:48

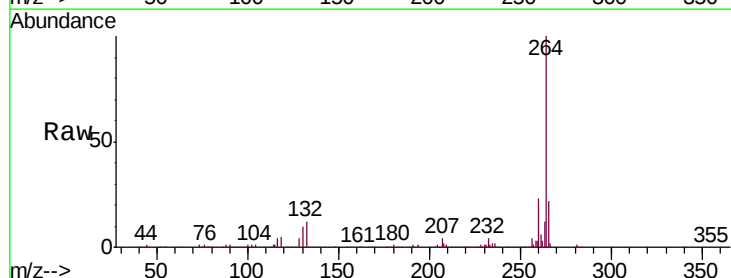
Tgt Ion:264 Resp: 528611

Ion Ratio Lower Upper

264 100

260 23.0 19.6 29.4

265 21.8 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

