

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082318\
 Data File : BG036376.D
 Acq On : 23 Aug 2018 12:51
 Operator : JU/SJ
 Sample : J4555-07
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TWP-02

Quant Time: Aug 23 14:04:24 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

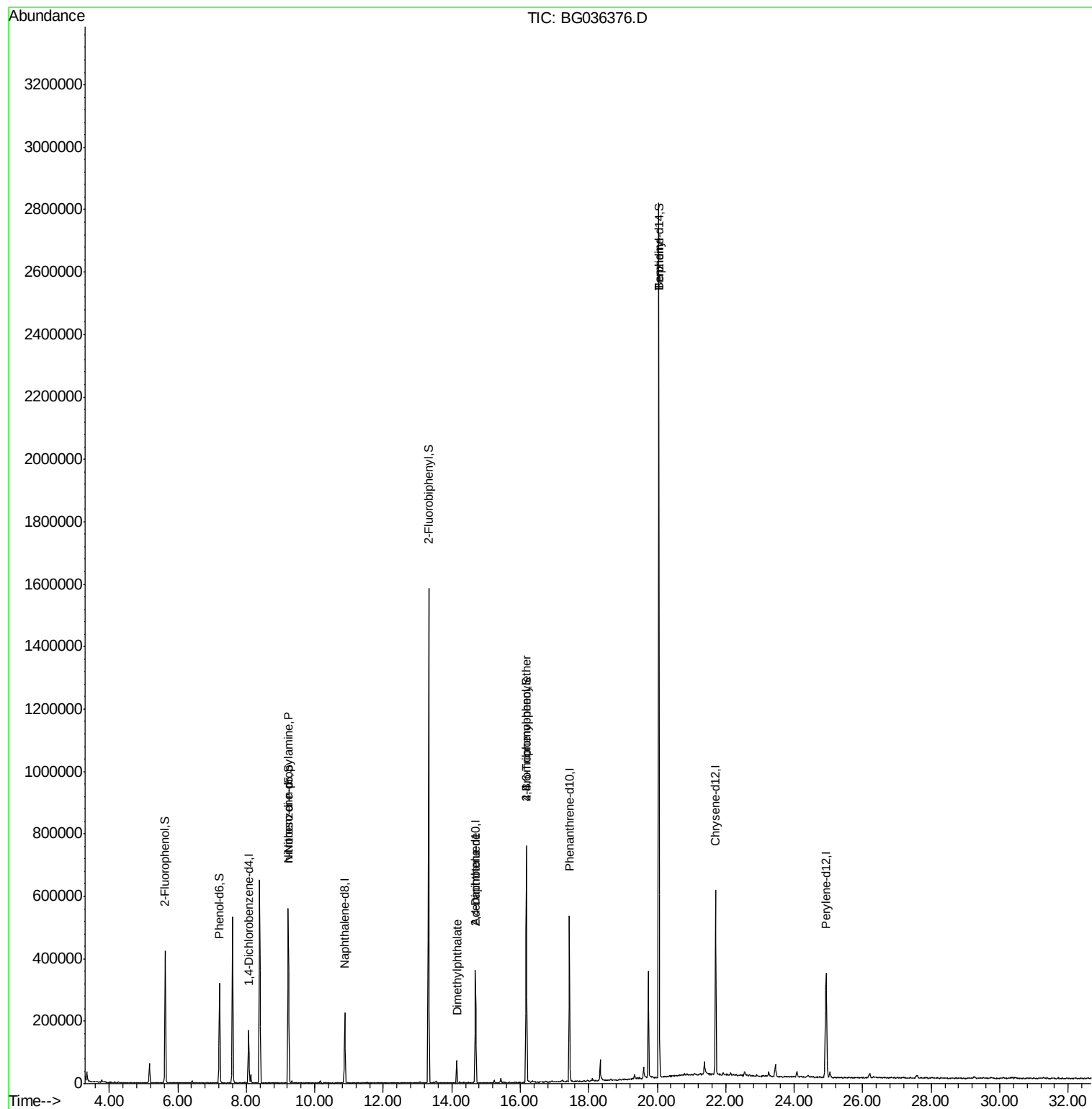
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	44886	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	190978	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	121330	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	319630	20.00	ng	0.00
75) Chrysene-d12	21.71	240	363827	20.00	ng	0.00
86) Perylene-d12	24.93	264	369299	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	170765	60.35	ng	0.00
7) Phenol-d6	7.22	99	178726	44.12	ng	0.00
23) Nitrobenzene-d5	9.23	82	322104	91.51	ng	0.00
41) 2,4,6-Tribromophenol	16.18	330	134182	92.68	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	786728	92.58	ng	0.00
78) Terphenyl-d14	20.04	244	1309187	84.11	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	43888	14.495	ng	Qvalue 77
49) Dimethylphthalate	14.15	163	47437	4.788	ng	98
56) 2,4-Dinitrotoluene	14.69	165	15283	5.752	ng	# 21
66) 4-Bromophenyl-phenylether	16.18	248	9372	2.504	ng	# 1
76) Benzidine	20.04	184	23622	2.035	ng	95

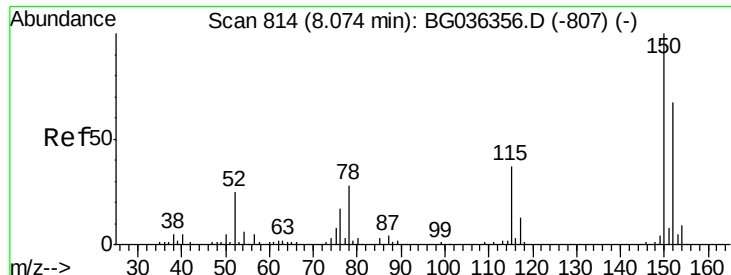
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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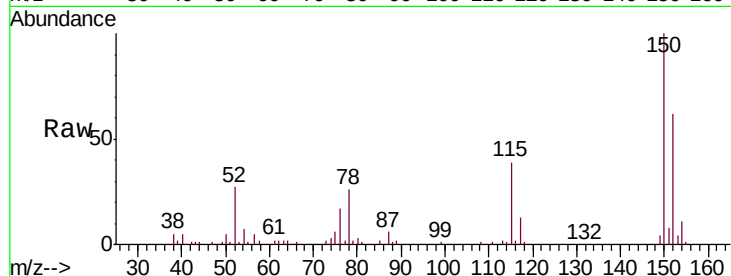


#1

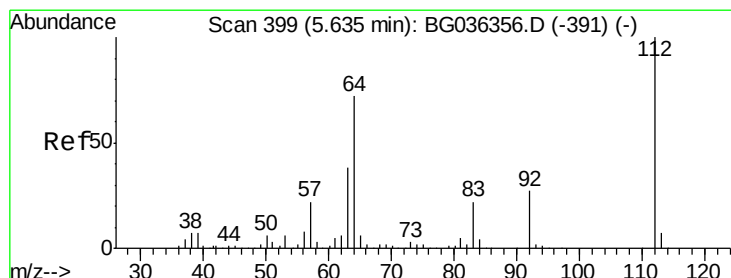
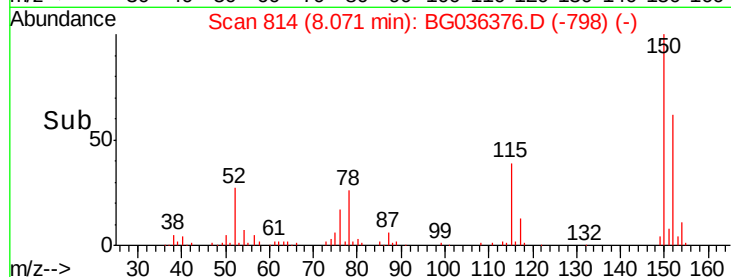
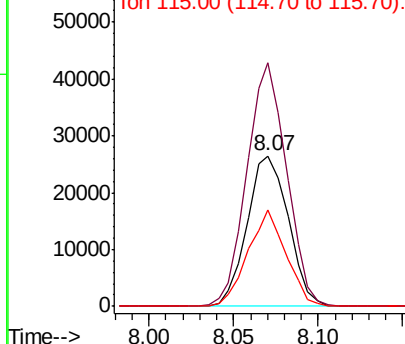
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG036376.D
Acq: 23 Aug 2018 12:51

Instrument :
BNA_G
ClientSampled :
TWP-02

Tgt Ion:152 Resp: 44886
Ion Ratio Lower Upper
152 100
150 161.7 119.5 179.3
115 63.8 44.5 66.7



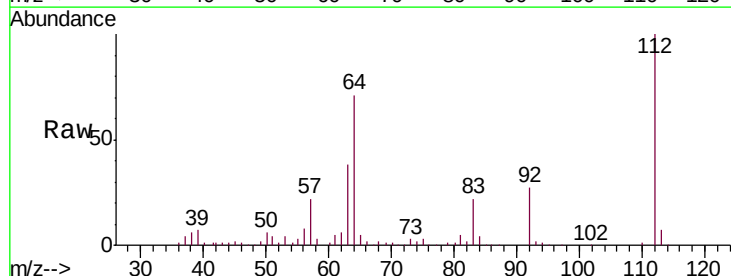
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



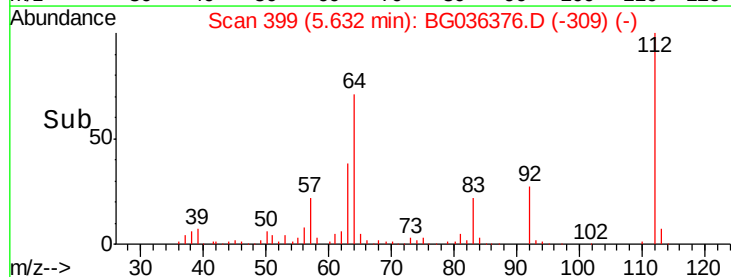
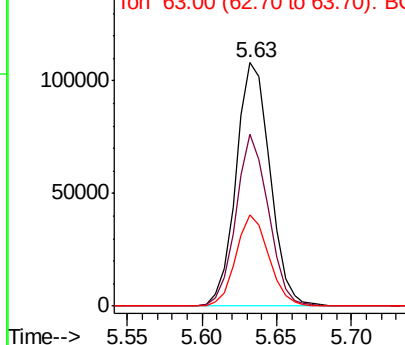
#5

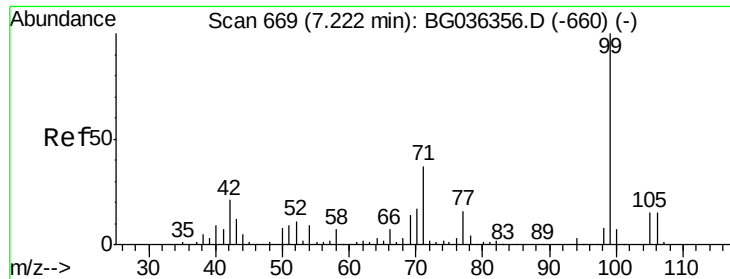
2-Fluorophenol
Concen: 60.349 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG036376.D
Acq: 23 Aug 2018 12:51

Tgt Ion:112 Resp: 170765
Ion Ratio Lower Upper
112 100
64 70.6 57.2 85.8
63 37.5 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: 44.116 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036376.D

Acq: 23 Aug 2018 12:51

Instrument :

BNA_G

ClientSampled :

TWP-02

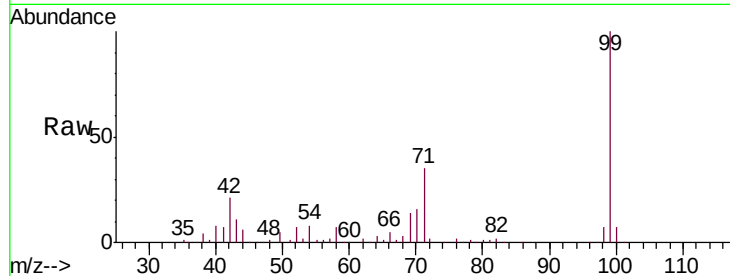
Tgt Ion: 99 Resp: 178726

Ion Ratio Lower Upper

99 100

42 20.8 16.5 24.7

71 34.6 29.4 44.2

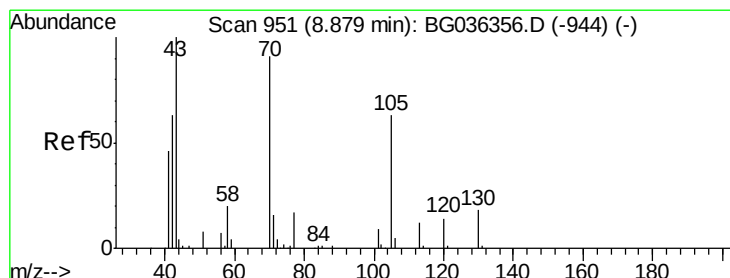
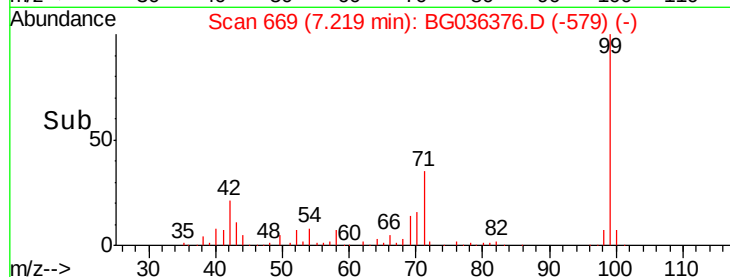
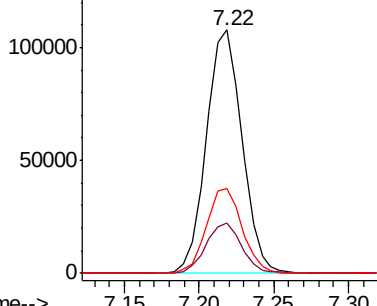


Abundance

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: 14.495 ng

RT: 9.23 min Scan# 1011

Delta R.T. 0.35 min

Lab File: BG036376.D

Acq: 23 Aug 2018 12:51

Tgt Ion: 70 Resp: 43888

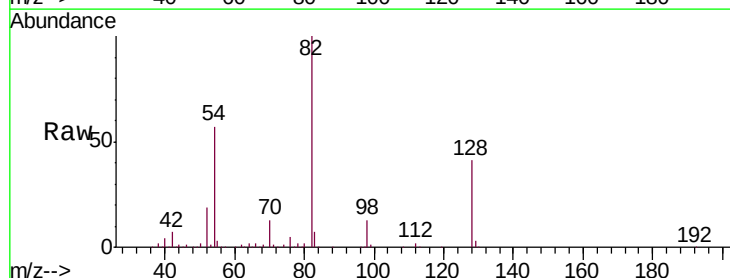
Ion Ratio Lower Upper

70 100

42 55.6 56.2 84.4#

101 0.0 7.8 11.6#

130 1.6 16.2 24.2#



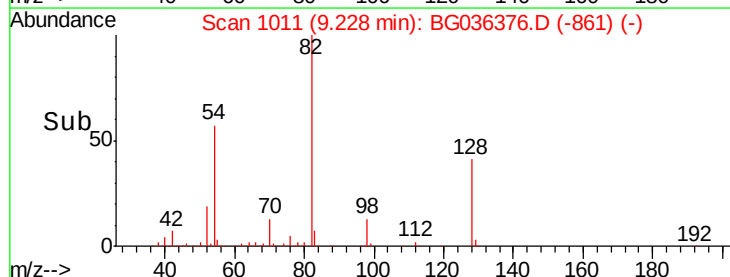
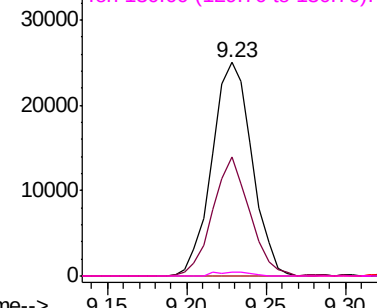
Abundance

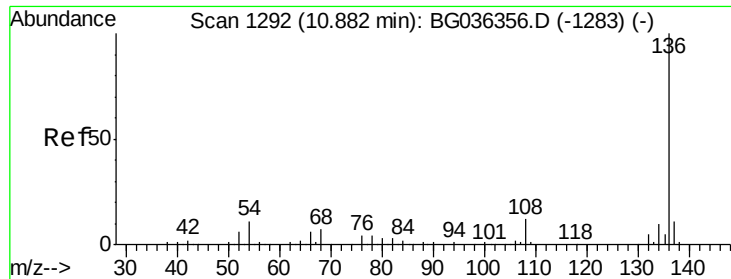
Ion 70.00 (69.70 to 70.70): BGC

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

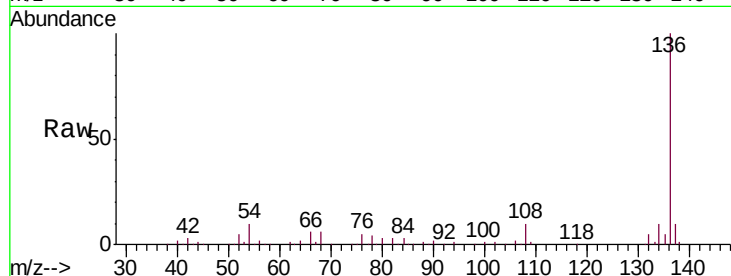




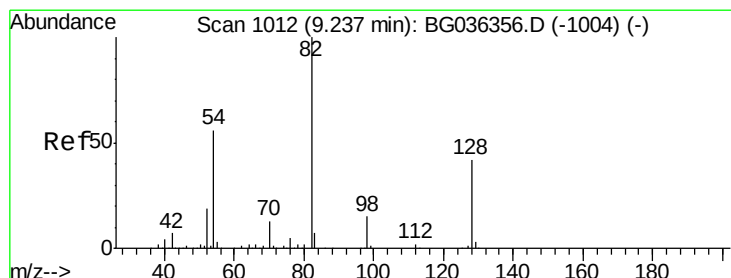
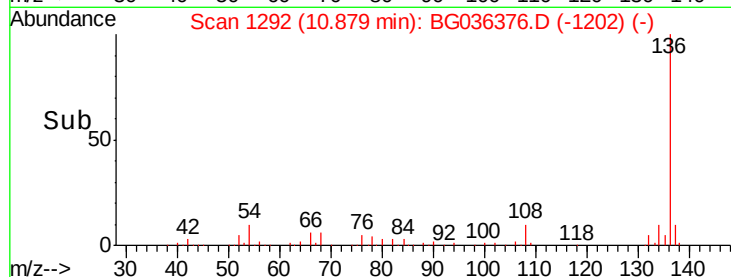
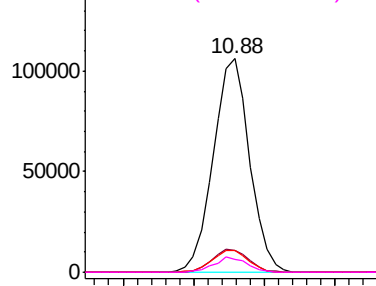
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BG036376.D
Acq: 23 Aug 2018 12:51

Instrument :
BNA_G
ClientSampleId :
TWP-02

Tgt Ion:	136	Resp:	190978
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	10.2	9.2	13.8
68	6.3	5.8	8.6

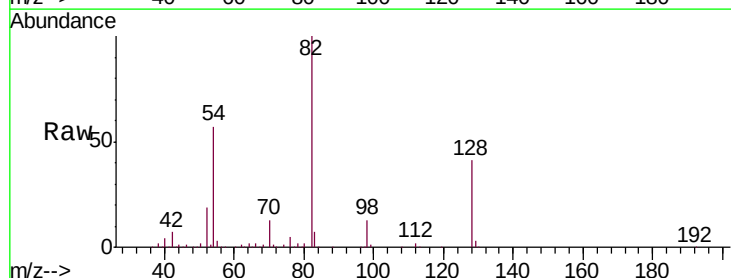


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

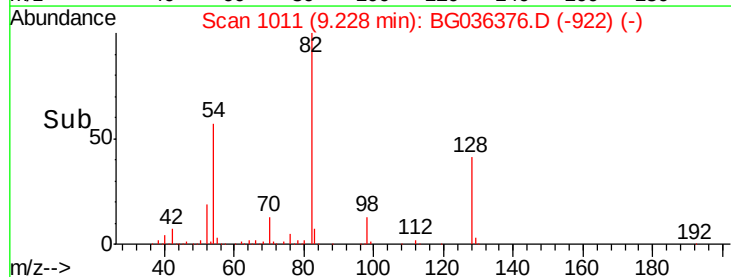
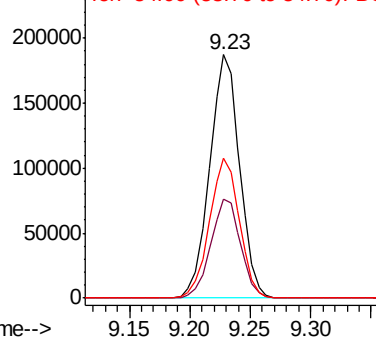


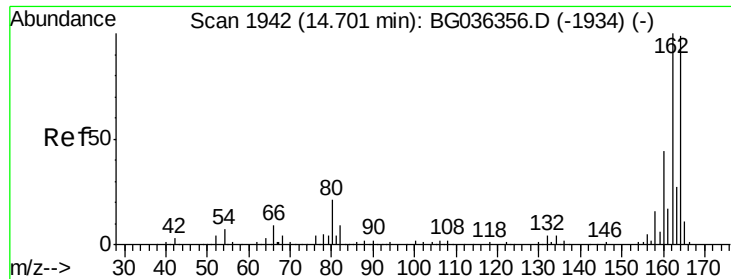
#23
Nitrobenzene-d5
Concen: 91.509 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG036376.D
Acq: 23 Aug 2018 12:51

Tgt Ion:	82	Resp:	322104
Ion	Ratio	Lower	Upper
82	100		
128	40.6	33.3	49.9
54	57.4	45.1	67.7



Abundance Ion 82.00 (81.70 to 82.70): BG
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BG





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1941

Delta R.T. -0.01 min

Lab File: BG036376.D

Acq: 23 Aug 2018 12:51

Instrument :

BNA_G

ClientSampleId :

TWP-02

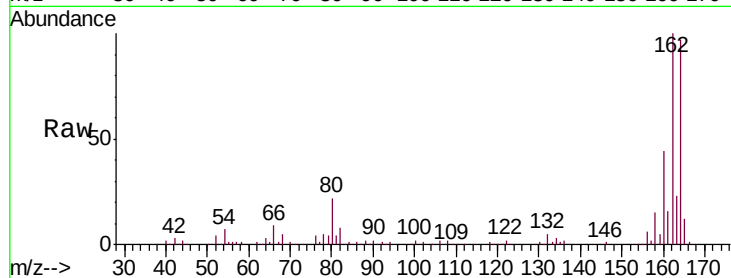
Tgt Ion:164 Resp: 121330

Ion Ratio Lower Upper

164 100

162 103.5 80.7 121.1

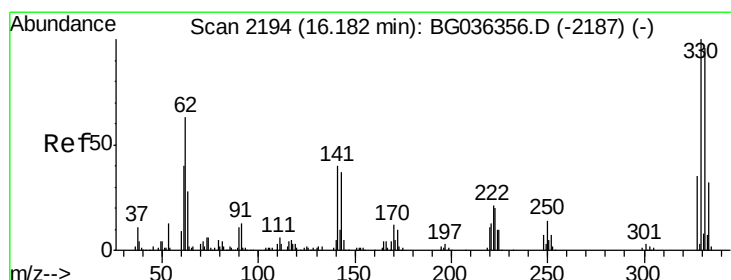
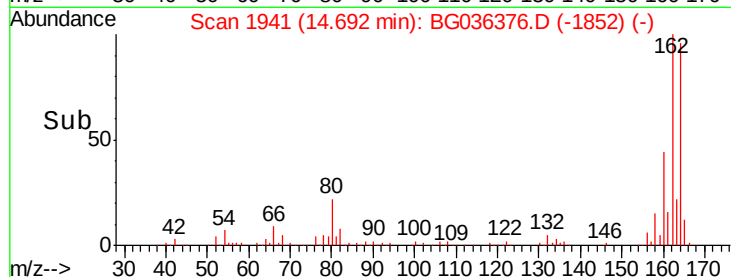
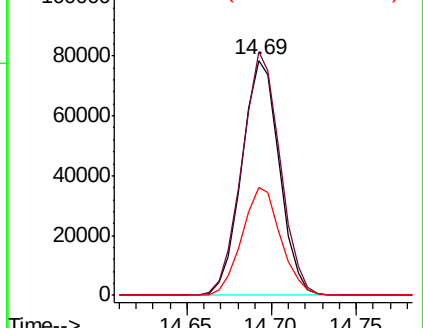
160 45.9 35.3 52.9



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: 92.684 ng

RT: 16.18 min Scan# 2194

Delta R.T. -0.00 min

Lab File: BG036376.D

Acq: 23 Aug 2018 12:51

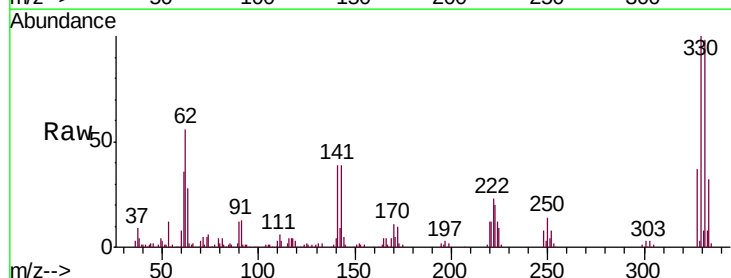
Tgt Ion:330 Resp: 134182

Ion Ratio Lower Upper

330 100

332 95.8 75.4 113.2

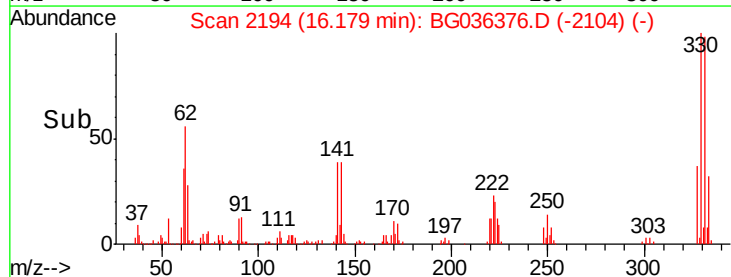
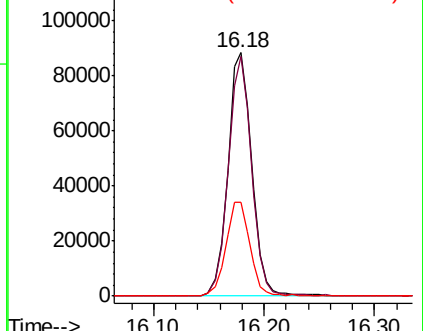
141 38.9 30.7 46.1

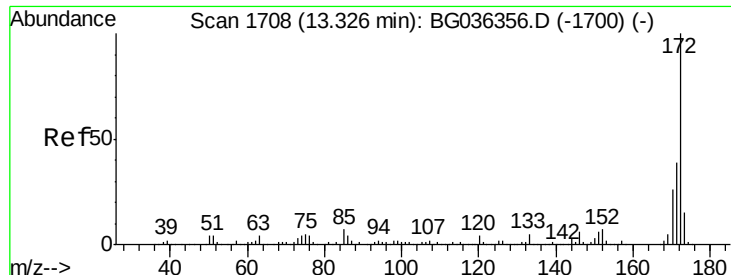


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

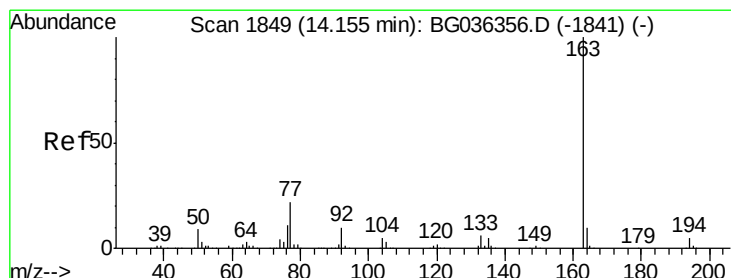
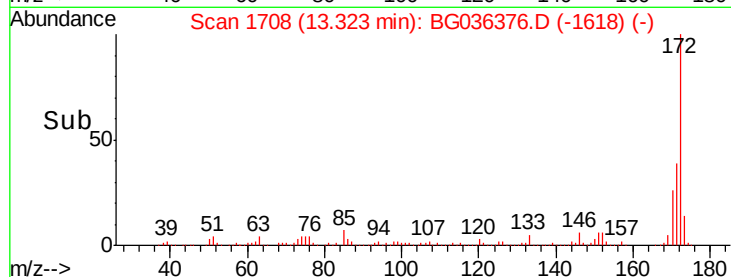
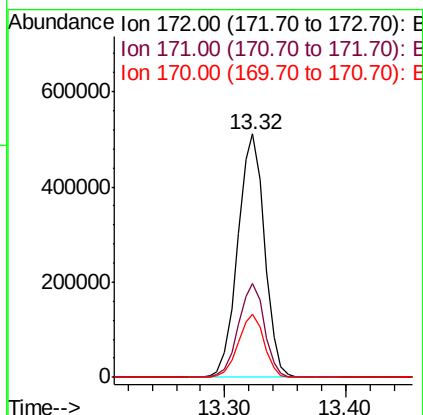
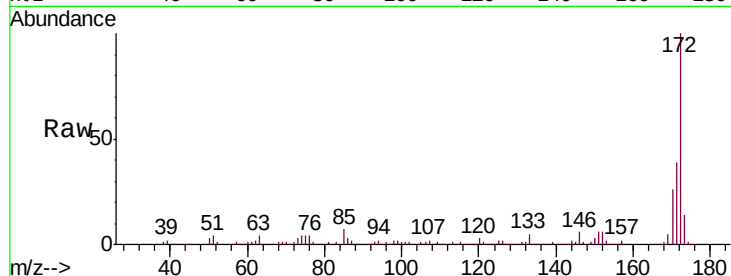




#44
 2-Fluorobiphenyl
 Concen: 92.583 ng
 RT: 13.32 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG036376.D
 Acq: 23 Aug 2018 12:51

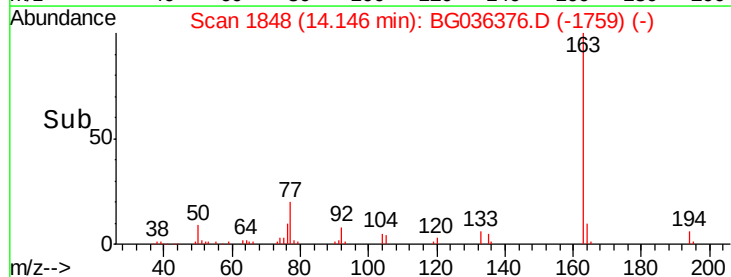
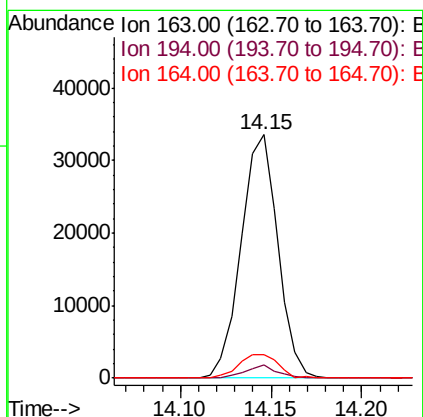
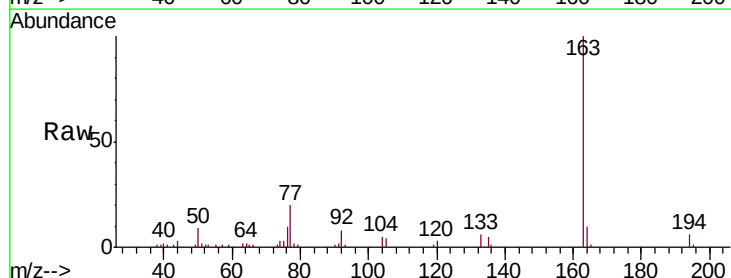
Instrument :
 BNA_G
 ClientSampleId :
 TWP-02

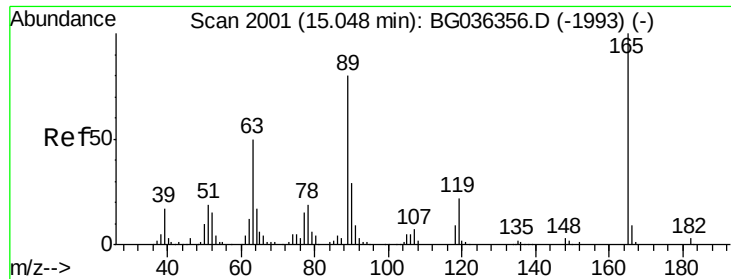
Tgt Ion:172 Resp: 786728
 Ion Ratio Lower Upper
 172 100
 171 38.5 31.3 46.9
 170 25.8 21.0 31.6



#49
 Dimethylphthalate
 Concen: 4.788 ng
 RT: 14.15 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BG036376.D
 Acq: 23 Aug 2018 12:51

Tgt Ion:163 Resp: 47437
 Ion Ratio Lower Upper
 163 100
 194 5.6 4.0 6.0
 164 9.5 8.1 12.1

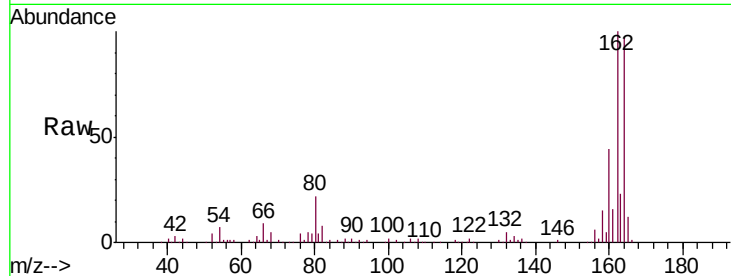




#56
 2,4-Dinitrotoluene
 Concen: 5.752 ng
 RT: 14.69 min Scan# 1941
 Delta R.T. -0.35 min
 Lab File: BG036376.D
 Acq: 23 Aug 2018 12:51

Instrument :
 BNA_G
 ClientSampleId :
 TWP-02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	40.1	60.1#
89	2.8	63.7	95.5#
182	0.0	2.5	3.7#

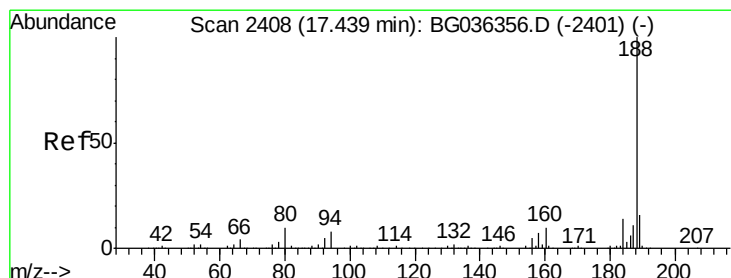
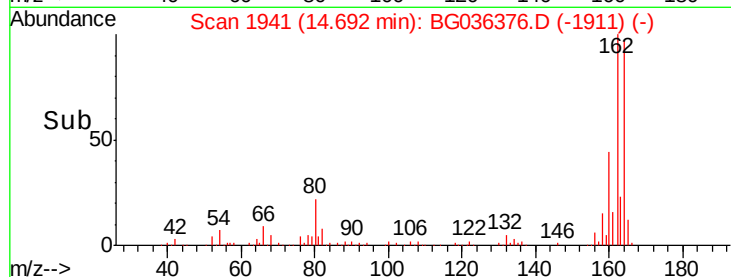
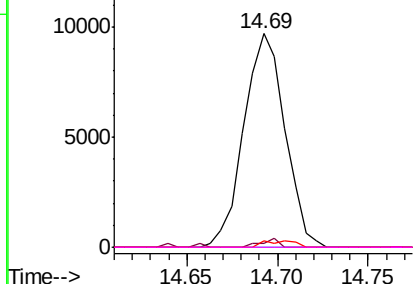


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

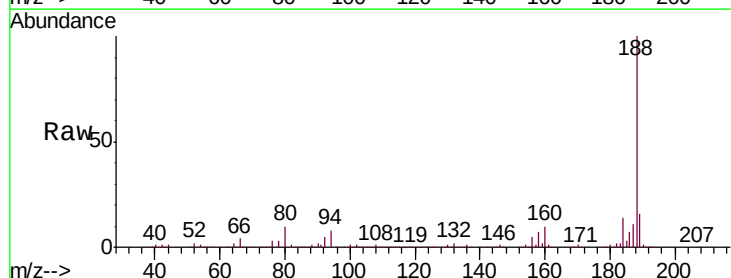
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2408
 Delta R.T. -0.00 min
 Lab File: BG036376.D
 Acq: 23 Aug 2018 12:51

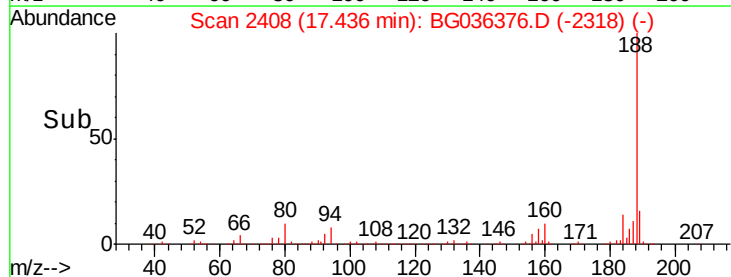
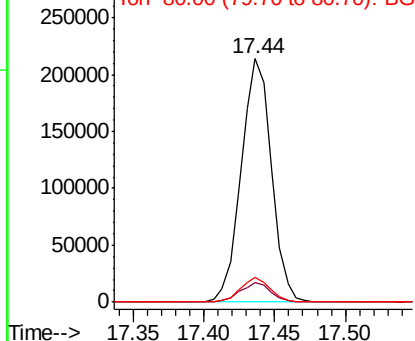
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.7	10.1
80	10.0	8.1	12.1

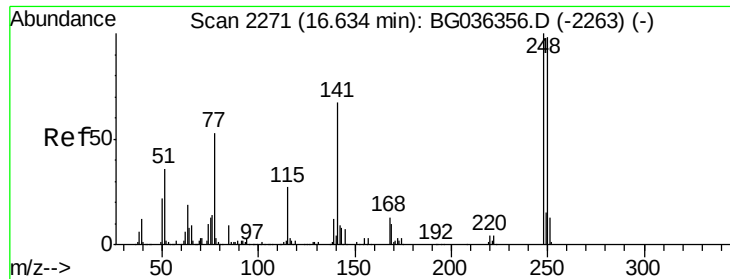


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

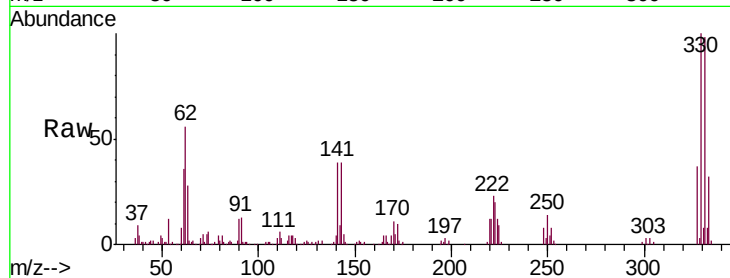




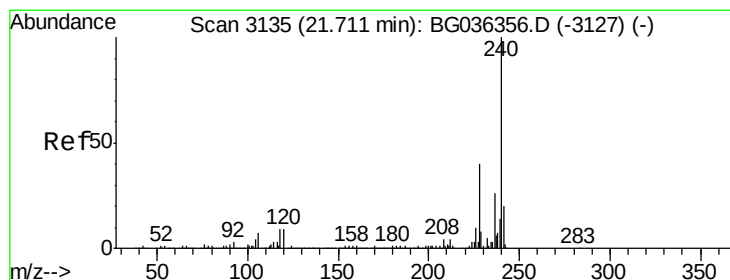
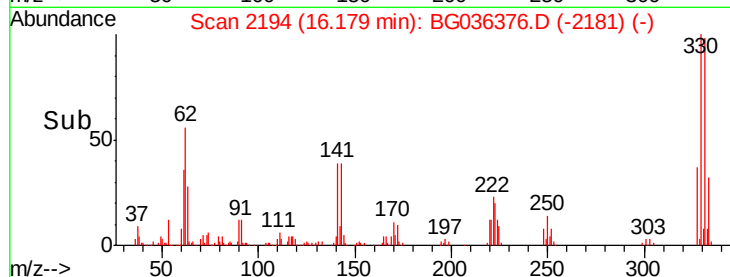
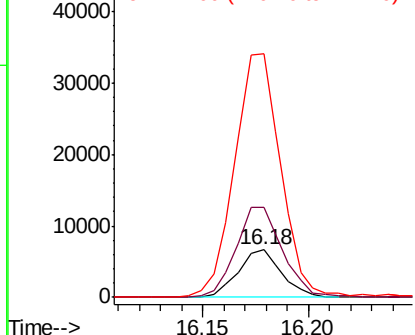
#66
 4-Bromophenyl-phenylether
 Concen: 2.504 ng
 RT: 16.18 min Scan# 2194
 Delta R.T. -0.46 min
 Lab File: BG036376.D
 Acq: 23 Aug 2018 12:51

Instrument :
 BNA_G
 ClientSampleId :
 TWP-02

Tgt Ion:248 Resp: 9372
 Ion Ratio Lower Upper
 248 100
 250 188.5 78.1 117.1#
 141 511.5 53.7 80.5#

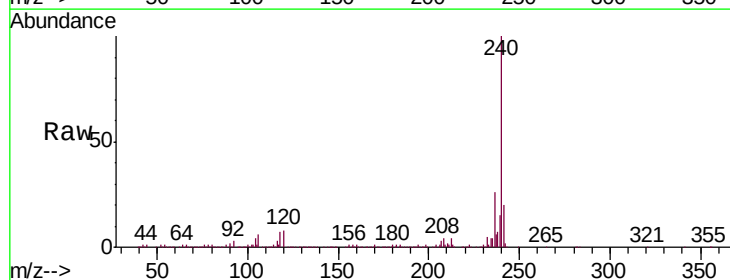


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

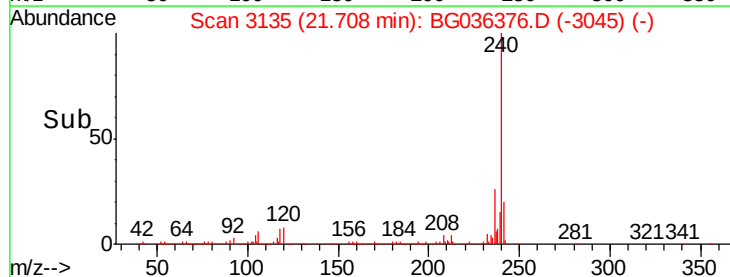
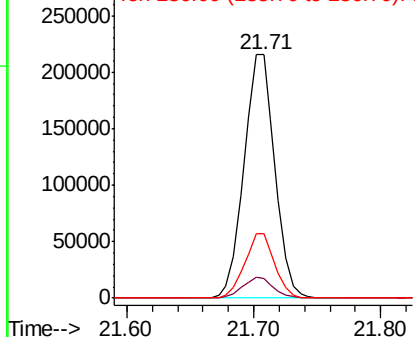


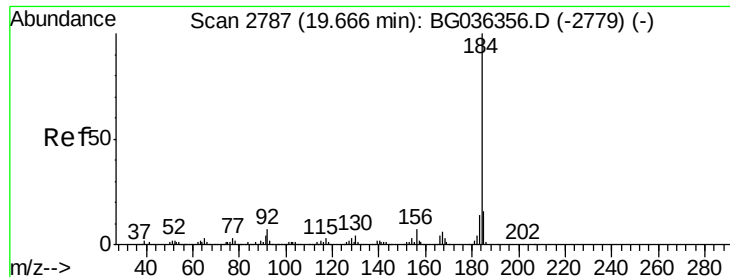
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3135
 Delta R.T. -0.00 min
 Lab File: BG036376.D
 Acq: 23 Aug 2018 12:51

Tgt Ion:240 Resp: 363827
 Ion Ratio Lower Upper
 240 100
 120 8.0 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





#76

Benzidine

Concen: 2.035 ng

RT: 20.04 min Scan# 2852

Delta R.T. 0.38 min

Lab File: BG036376.D

Acq: 23 Aug 2018 12:51

Instrument :

BNA_G

ClientSampleId :

TWP-02

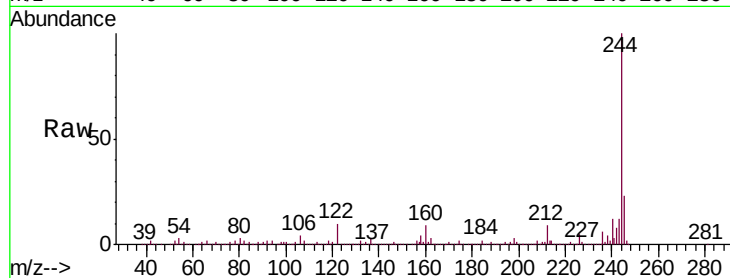
Tgt Ion:184 Resp: 23622

Ion Ratio Lower Upper

184 100

185 17.2 12.6 18.8

183 11.3 10.9 16.3

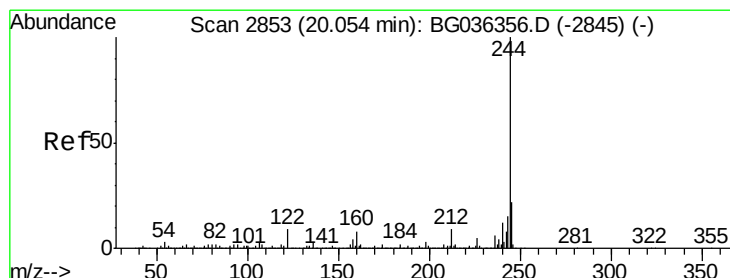
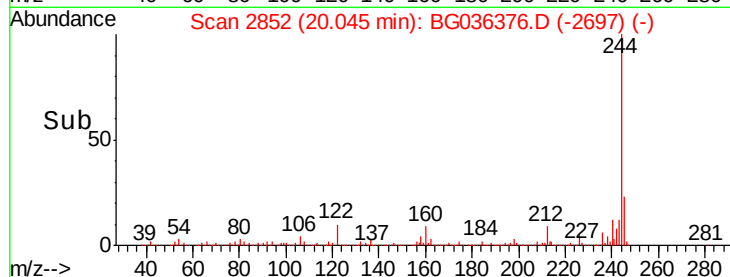
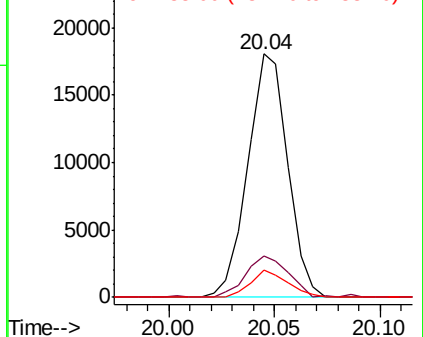


Abundance

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: 84.106 ng

RT: 20.04 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BG036376.D

Acq: 23 Aug 2018 12:51

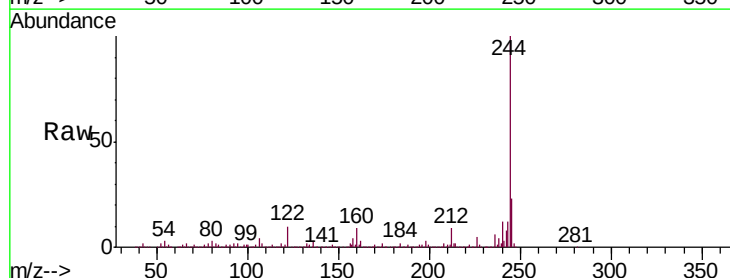
Tgt Ion:244 Resp: 1309187

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.6

122 9.8 7.1 10.7

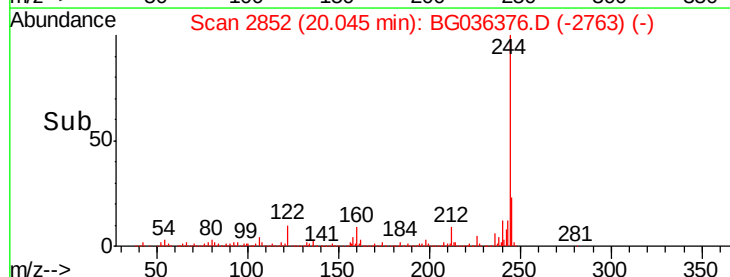
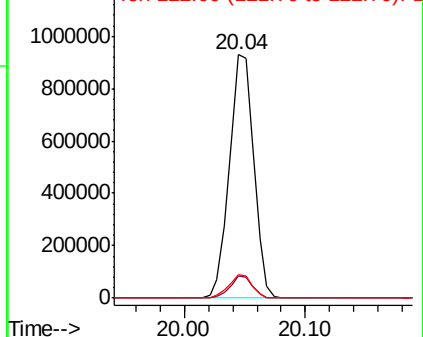


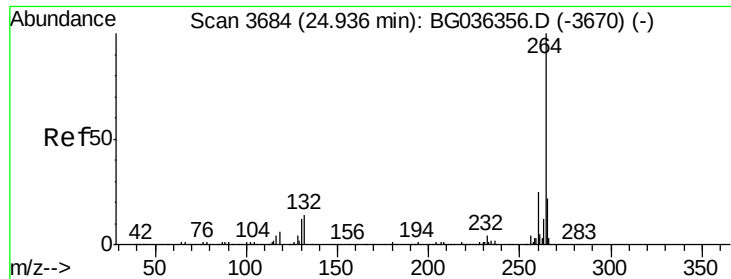
Abundance

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: 24.93 min Scan# 3683
Delta R.T. -0.01 min
Lab File: BG036376.D
Acq: 23 Aug 2018 12:51

Instrument :
BNA_G
ClientSampleId :
TWP-02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	22.0	17.4	26.0

