

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090418\
 Data File : BG036532.D
 Acq On : 4 Sep 2018 15:13
 Operator : JU/SJ
 Sample : J4748-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-08

Quant Time: Sep 05 02:28:07 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

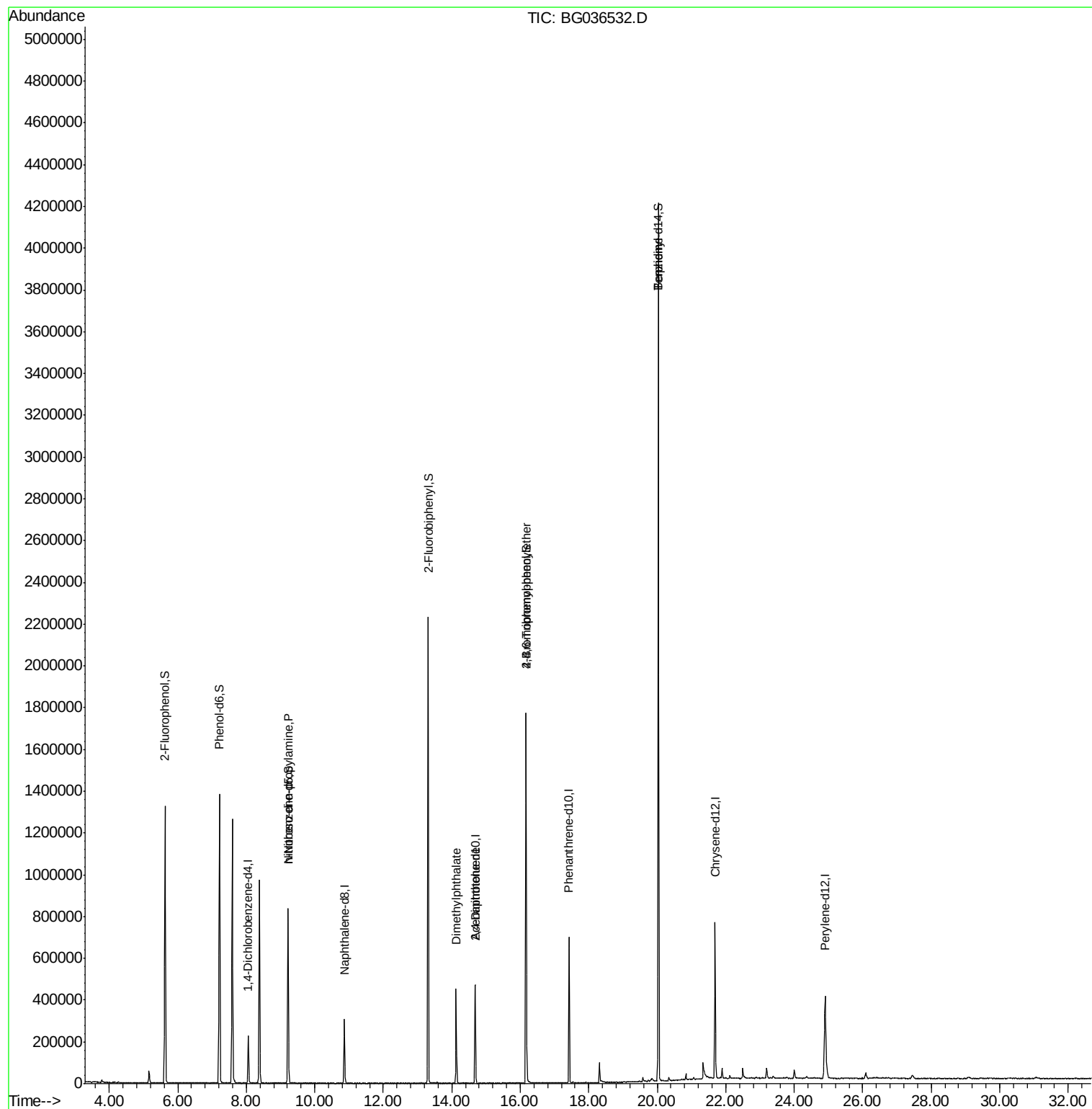
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	63908	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	265762	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	169461	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	442536	20.00	ng	0.00
75) Chrysene-d12	21.69	240	461231	20.00	ng	0.00
86) Perylene-d12	24.90	264	457809	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	568175	141.03	ng	0.00
7) Phenol-d6	7.22	99	813662	141.06	ng	0.00
23) Nitrobenzene-d5	9.22	82	494123	100.88	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	339433	167.87	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1167981	98.41	ng	0.00
78) Terphenyl-d14	20.03	244	1876100	95.07	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	65819	15.268	ng	Qvalue # 68
49) Dimethylphthalate	14.13	163	309384	22.358	ng	99
56) 2,4-Dinitrotoluene	14.68	165	21654	5.835	ng	# 20
66) 4-Bromophenyl-phenylether	16.17	248	25356	4.894	ng	# 1
76) Benzidine	20.03	184	34279	2.329	ng	# 93

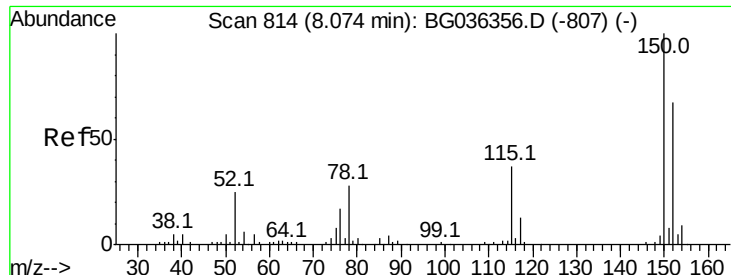
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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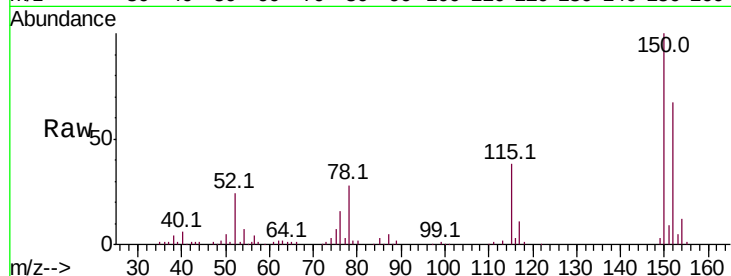


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG036532.D
Acq: 4 Sep 2018 15:13

Instrument :
BNA_G
ClientSampleId :
SB-08

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.4	119.5	179.3
115	57.0	44.5	66.7

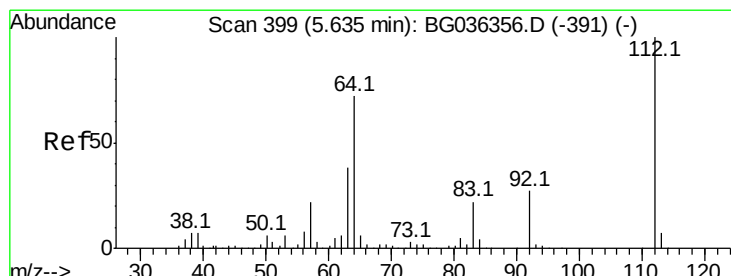
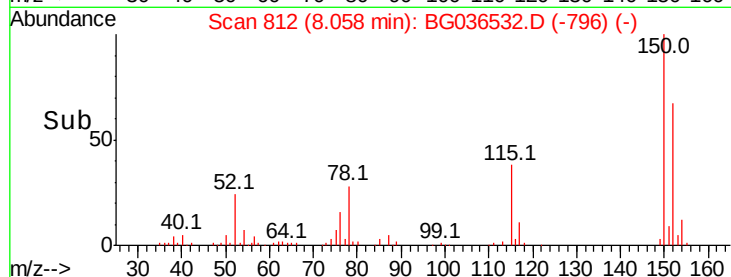
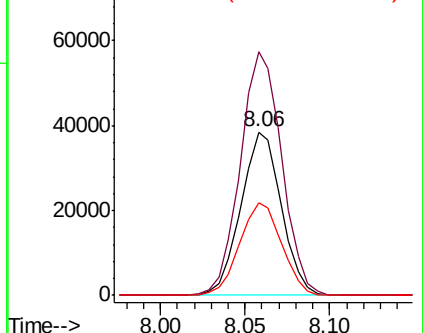


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

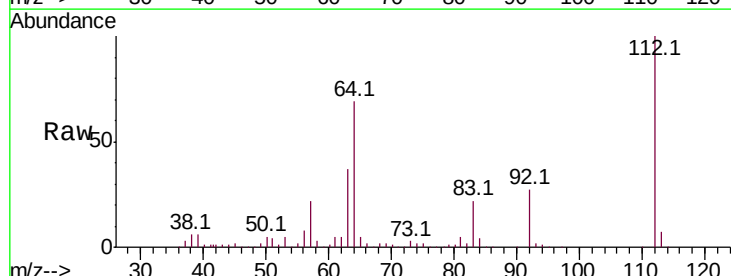
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 141.030 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036532.D
Acq: 4 Sep 2018 15:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.7	57.2	85.8
63	36.9	30.8	46.2

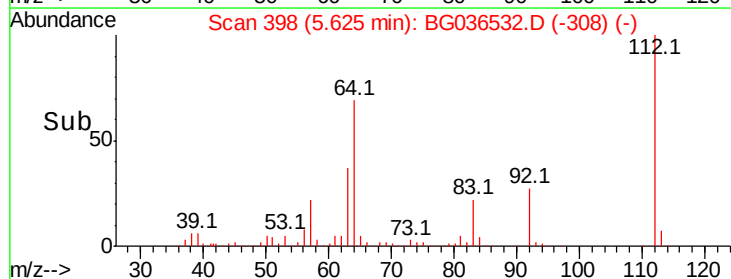
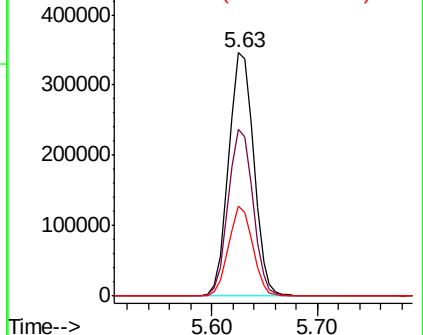


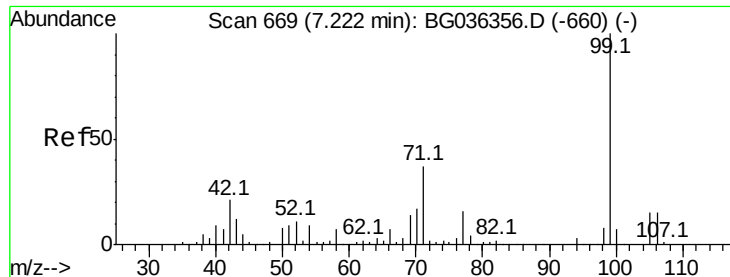
Abundance

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: 141.060 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.00 min

Lab File: BG036532.D

Acq: 4 Sep 2018 15:13

Instrument :

BNA_G

ClientSampleId :

SB-08

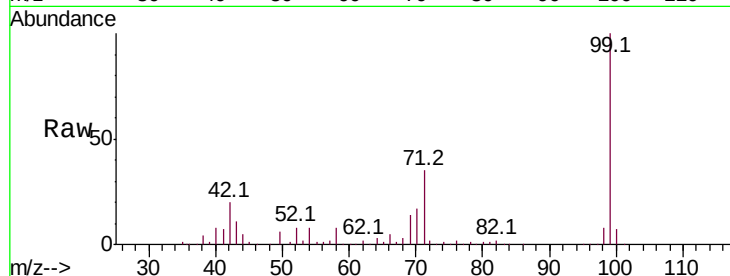
Tot Ion: 99 Resp: 813662

Ion Ratio Lower Upper

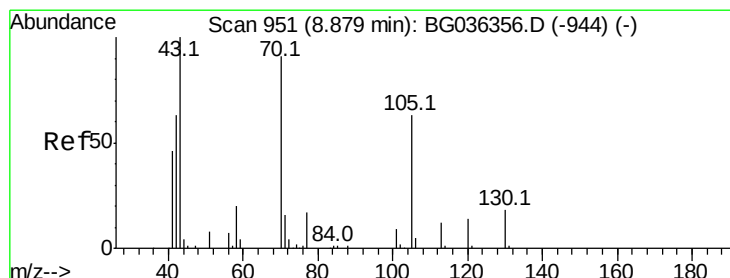
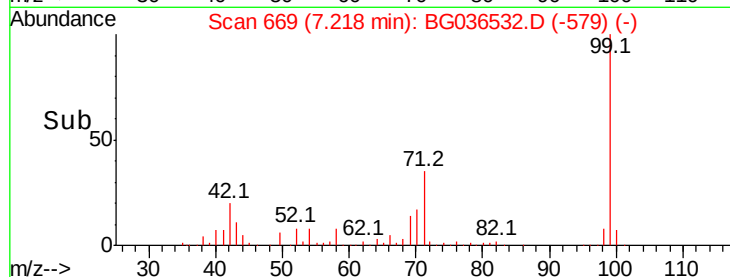
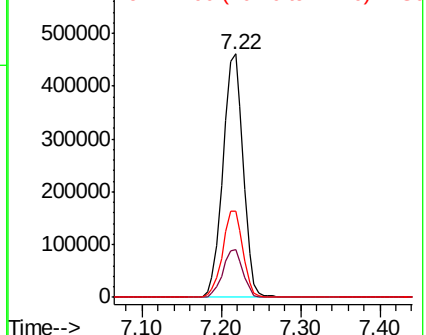
99 100

42 19.6 16.5 24.7

71 35.2 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: 15.268 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.36 min

Lab File: BG036532.D

Acq: 4 Sep 2018 15:13

Tgt Ion: 70 Resp: 65819

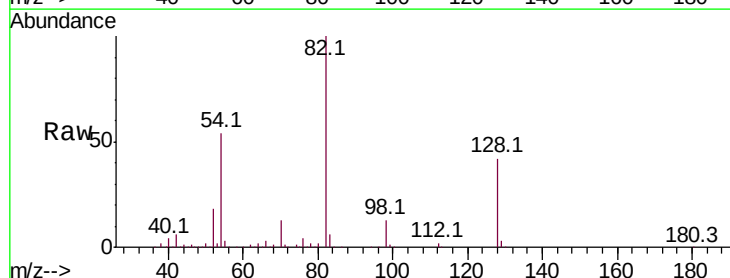
Ion Ratio Lower Upper

70 100

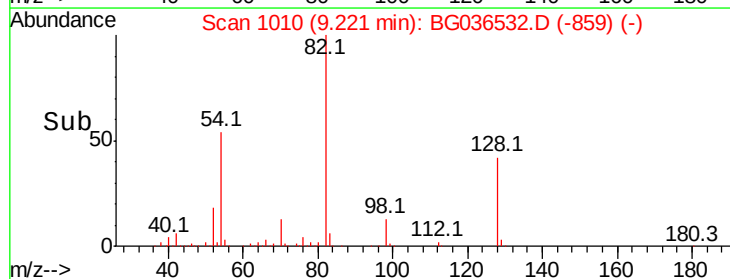
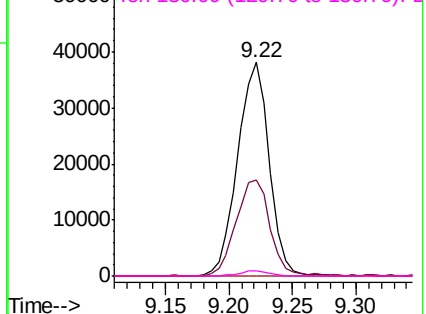
42 45.1 56.2 84.4#

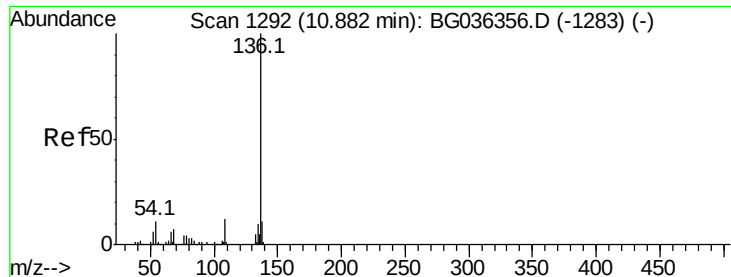
101 0.0 7.8 11.6#

130 2.1 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

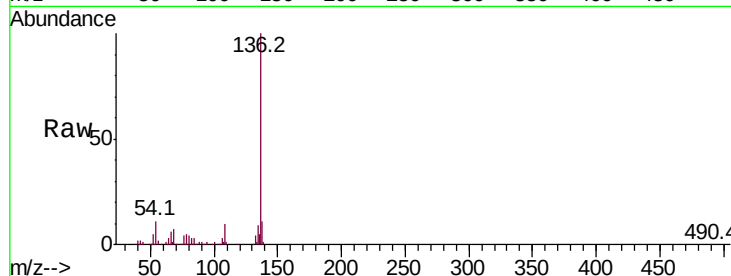




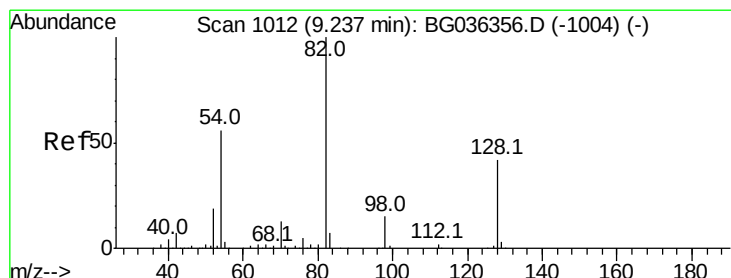
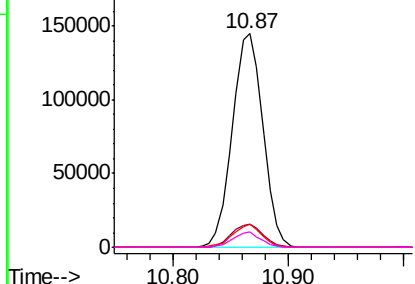
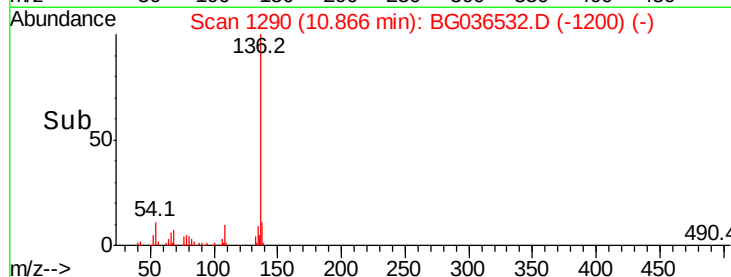
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. 0.00 min
Lab File: BG036532.D
Acq: 4 Sep 2018 15:13

Instrument :
BNA_G
ClientSampled :
SB-08

Tot Ion:136	Resp:	265762
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.8	13.2
54 10.6	9.2	13.8
68 6.9	5.8	8.6

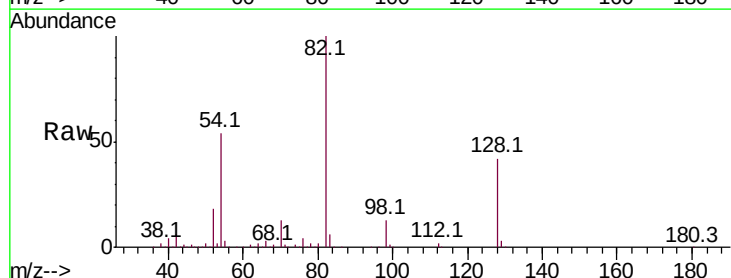


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

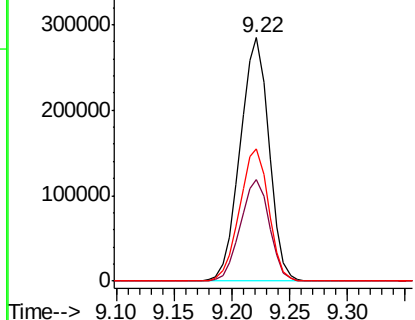
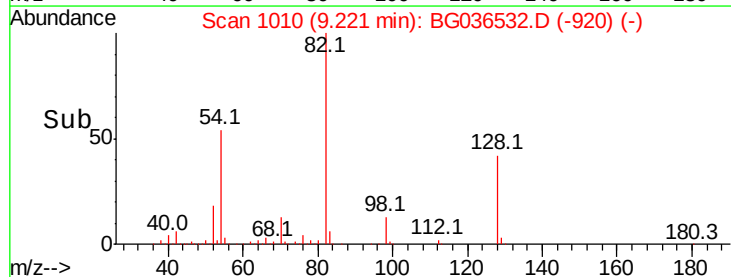


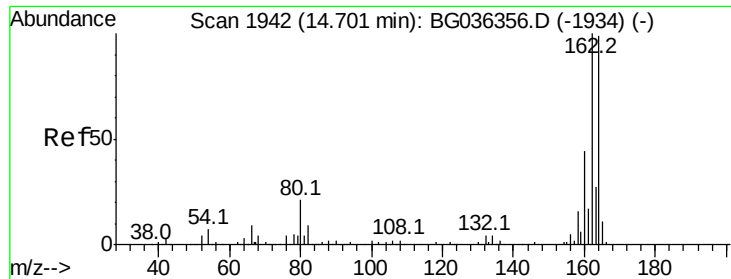
#23
Nitrobenzene-d5
Concen: 100.878 ng
RT: 9.22 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BG036532.D
Acq: 4 Sep 2018 15:13

Tgt	Ion: 82	Resp:	494123
Ion	Ratio	Lower	Upper
82	100		
128	41.6	33.3	49.9
54	54.5	45.1	67.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG036532.D

Acq: 4 Sep 2018 15:13

Instrument :

BNA_G

ClientSampled :

SB-08

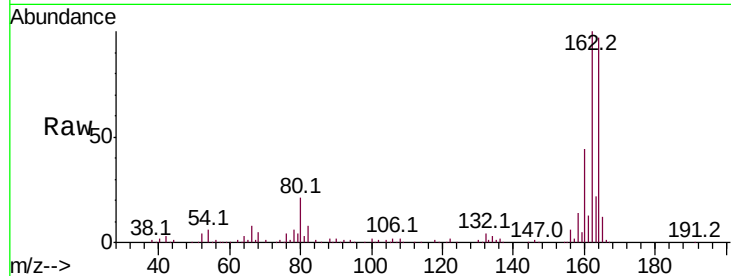
Tot Ion:164 Resp: 169461

Ion Ratio Lower Upper

164 100

162 103.2 80.7 121.1

160 45.1 35.3 52.9

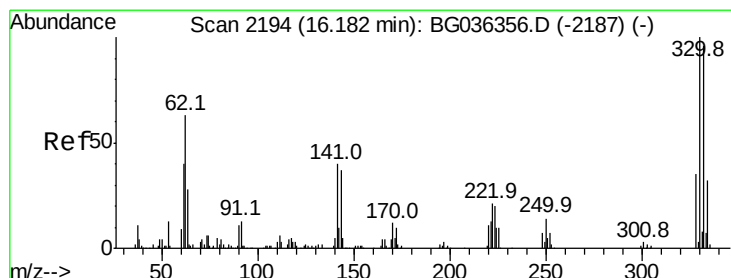
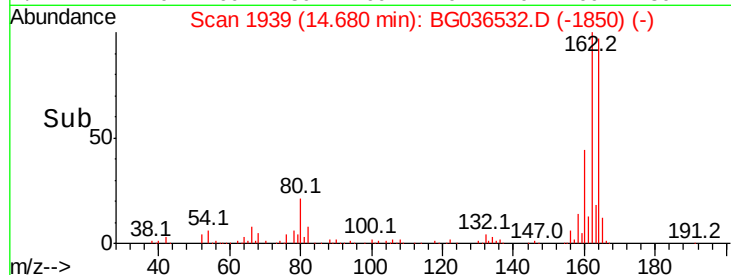
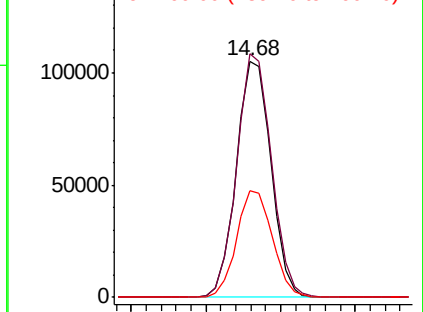


Abundance

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: 167.866 ng

RT: 16.17 min Scan# 2193

Delta R.T. 0.00 min

Lab File: BG036532.D

Acq: 4 Sep 2018 15:13

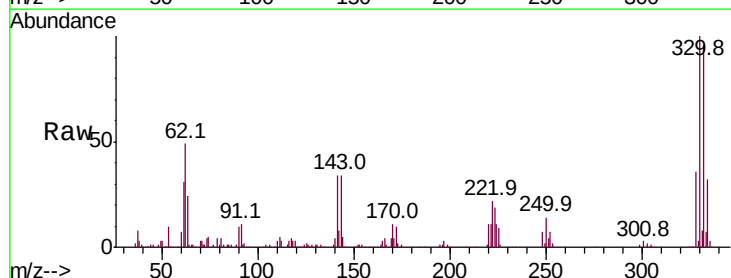
Tgt Ion:330 Resp: 339433

Ion Ratio Lower Upper

330 100

332 96.6 75.4 113.2

141 36.5 30.7 46.1

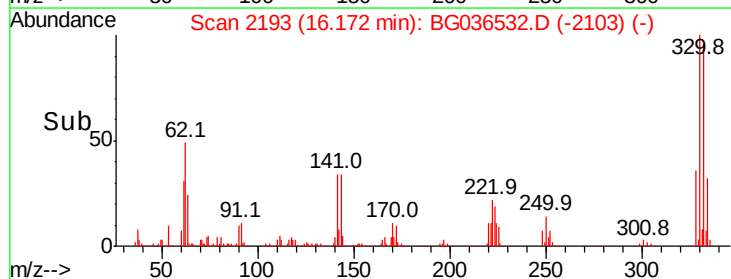
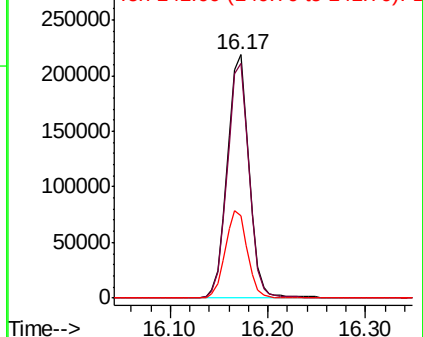


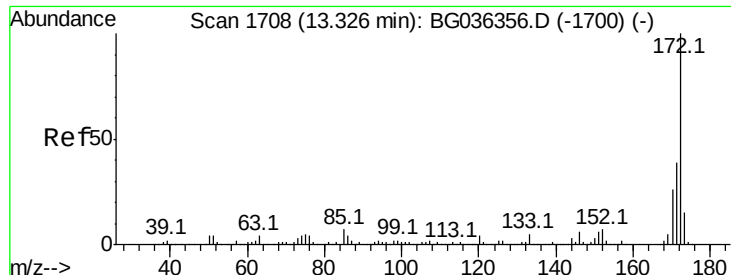
Abundance

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

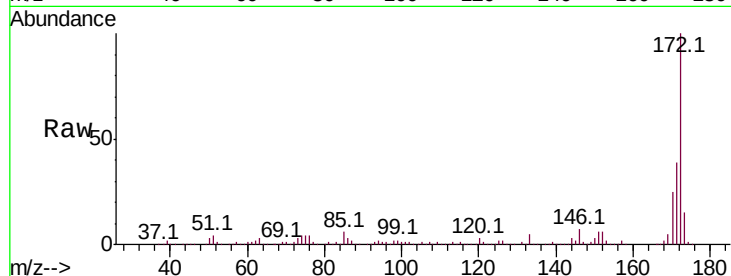




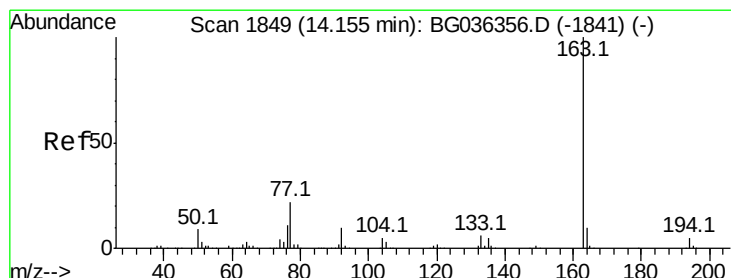
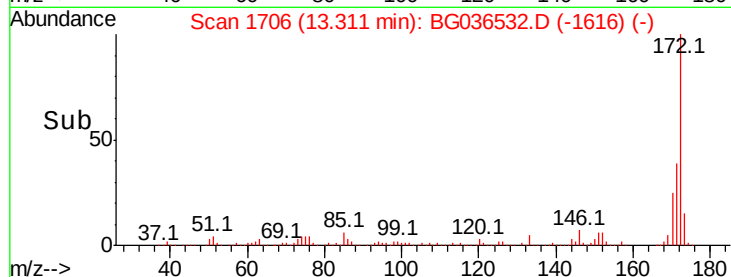
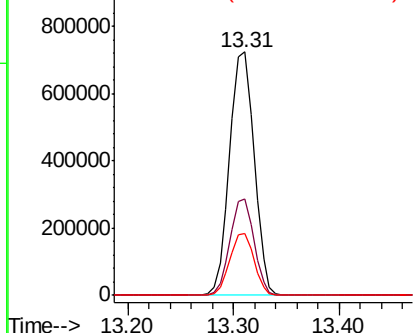
#44
2-Fluorobiphenyl
Concen: 98.410 ng
RT: 13.31 min Scan# 1706
Delta R.T. 0.00 min
Lab File: BG036532.D
Acq: 4 Sep 2018 15:13

Instrument :
BNA_G
ClientSampleId :
SB-08

Tot Ion:172 Resp: 1167981
Ion Ratio Lower Upper
172 100
171 39.3 31.3 46.9
170 25.3 21.0 31.6

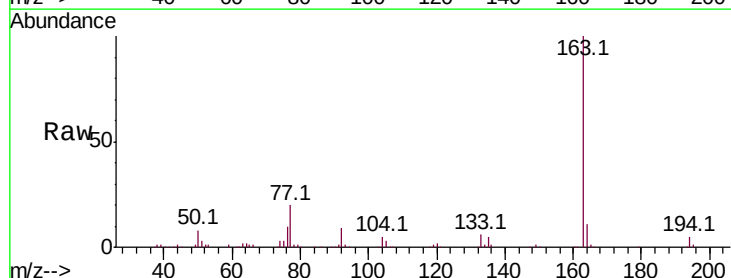


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

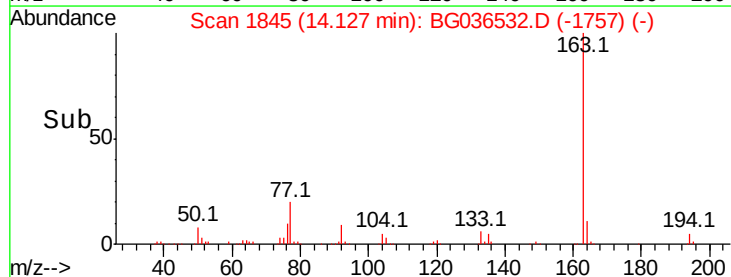
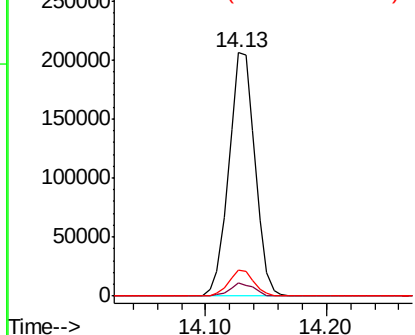


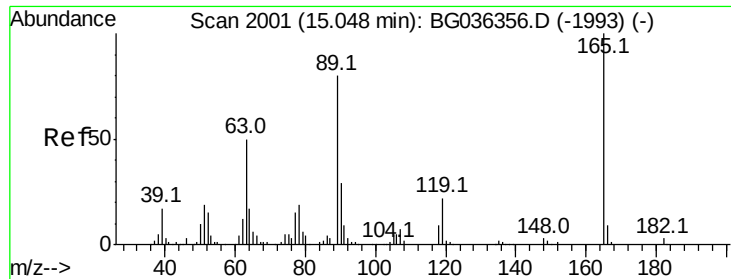
#49
Dimethylphthalate
Concen: 22.358 ng
RT: 14.13 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BG036532.D
Acq: 4 Sep 2018 15:13

Tgt Ion:163 Resp: 309384
Ion Ratio Lower Upper
163 100
194 5.3 4.0 6.0
164 10.6 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

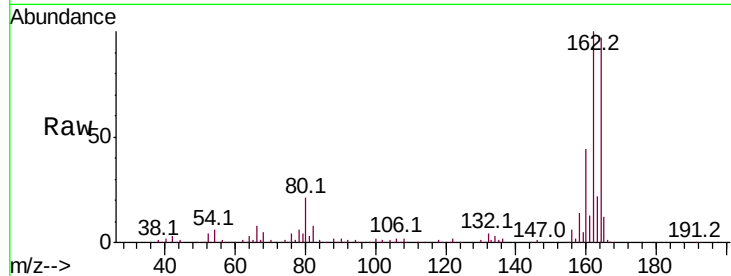




#56
 2,4-Dinitrotoluene
 Concen: 5.835 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.36 min
 Lab File: BG036532.D
 Acq: 4 Sep 2018 15:13

Instrument :
 BNA_G
 ClientSampleId :
 SB-08

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.2	40.1	60.1#
89	1.5	63.7	95.5#
182	0.0	2.5	3.7#



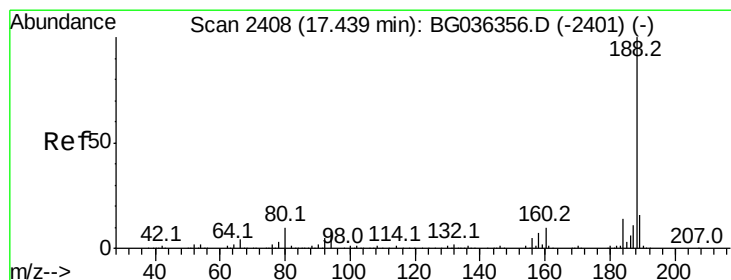
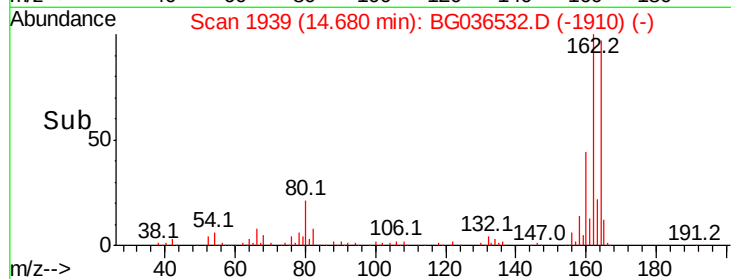
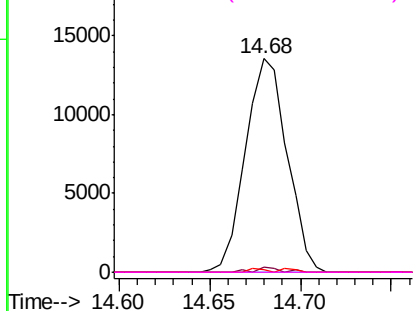
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

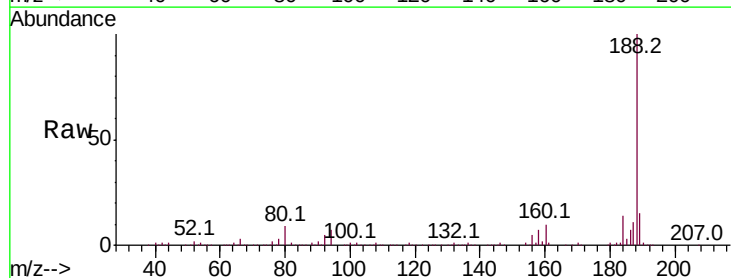
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BG036532.D
 Acq: 4 Sep 2018 15:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.7	10.1
80	8.9	8.1	12.1

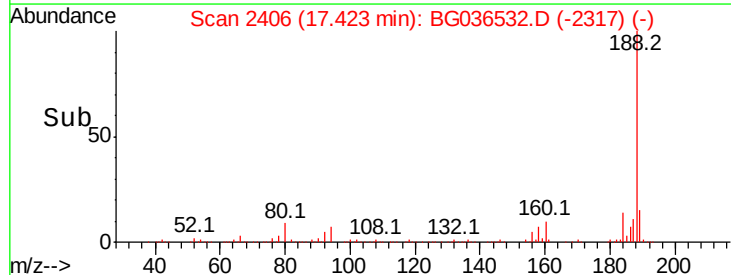
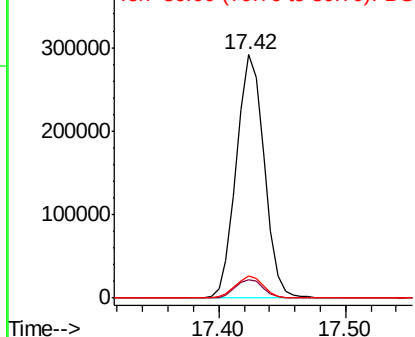


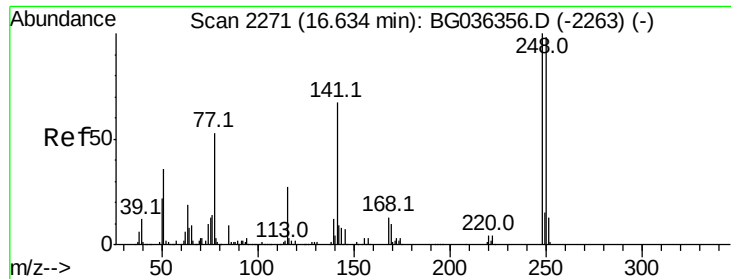
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

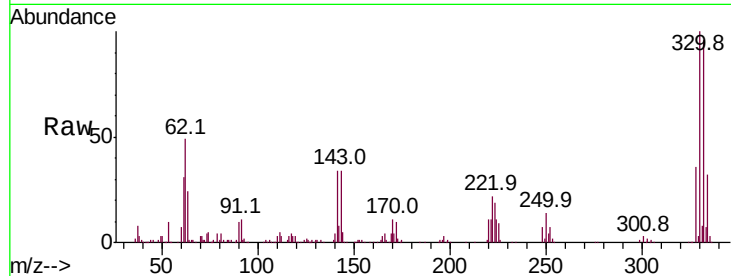




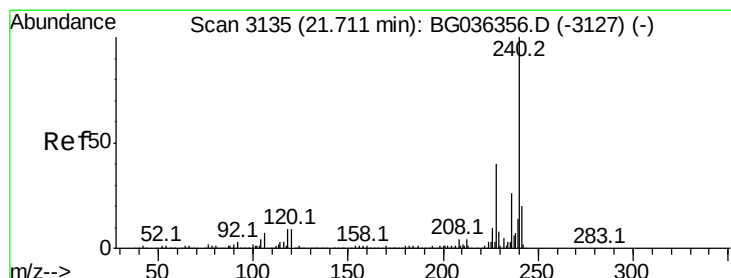
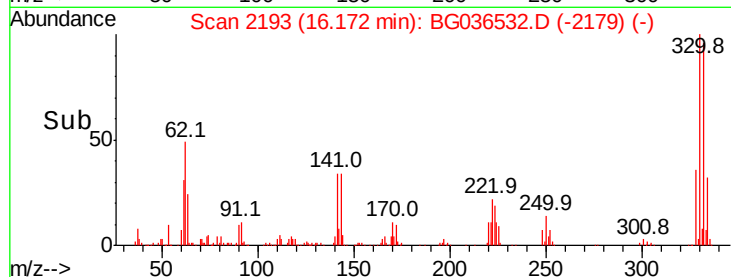
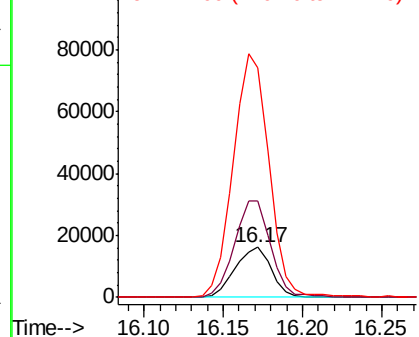
#66
4-Bromophenyl-phenylether
Concen: 4.894 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.45 min
Lab File: BG036532.D
Acq: 4 Sep 2018 15:13

Instrument :
BNA_G
ClientSampled :
SB-08

Tot Ion:248 Resp: 25356
Ion Ratio Lower Upper
248 100
250 193.2 78.1 117.1#
141 458.9 53.7 80.5#

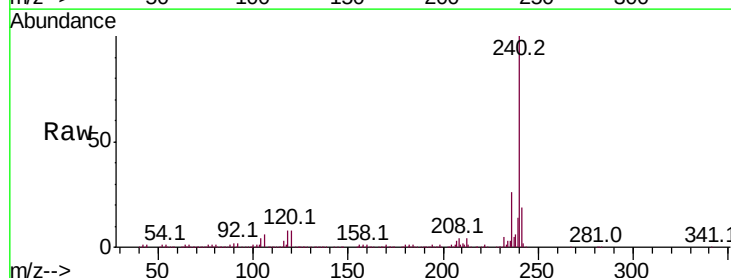


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

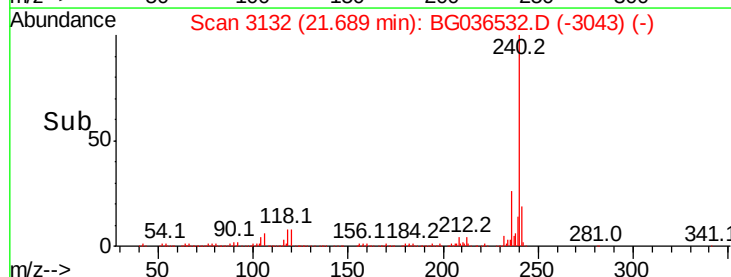
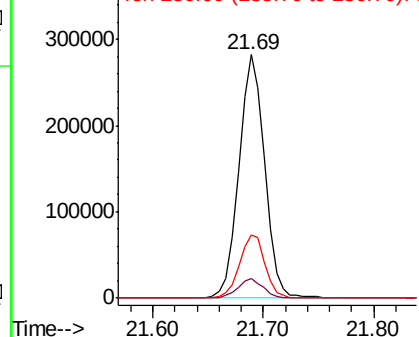


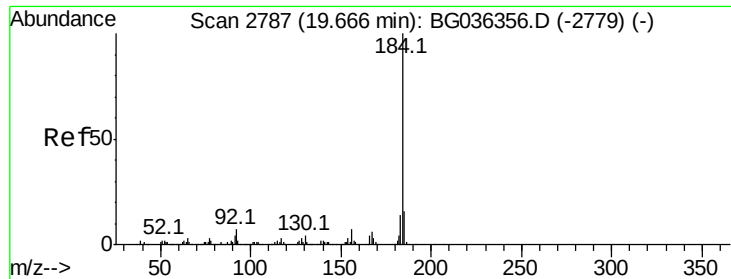
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BG036532.D
Acq: 4 Sep 2018 15:13

Tgt Ion:240 Resp: 461231
Ion Ratio Lower Upper
240 100
120 7.9 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

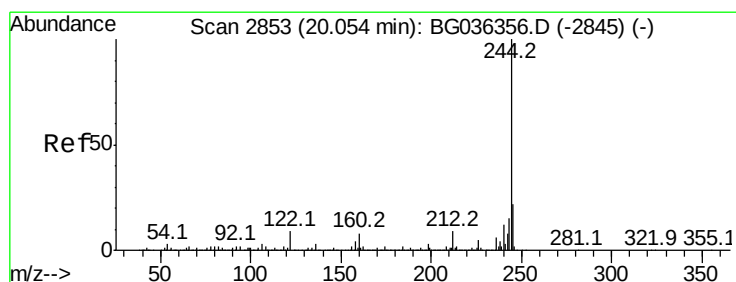
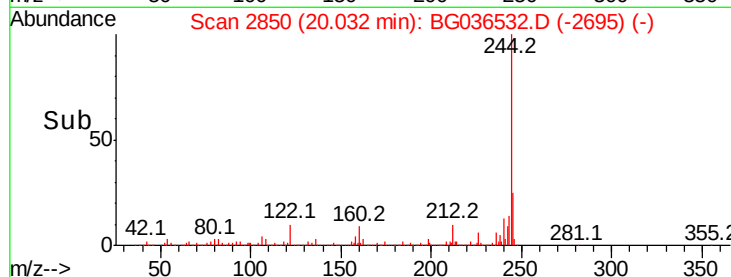
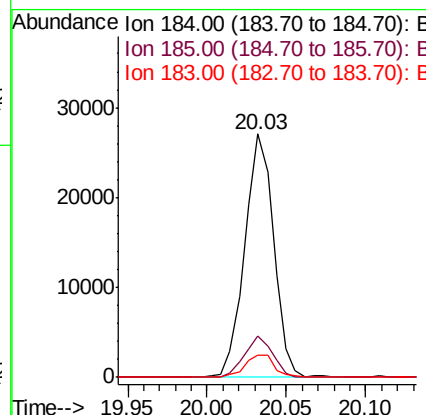
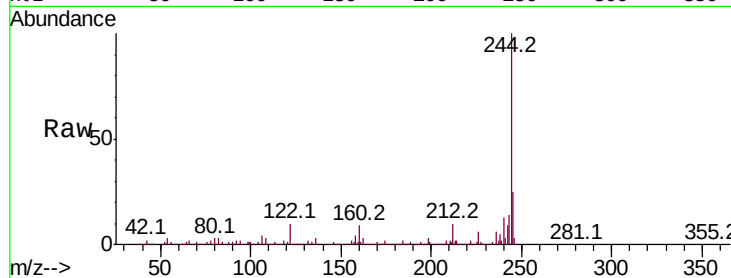




#76
Benzidine
Concen: 2.329 ng
RT: 20.03 min Scan# 2850
Delta R.T. 0.38 min
Lab File: BG036532.D
Acq: 4 Sep 2018 15:13

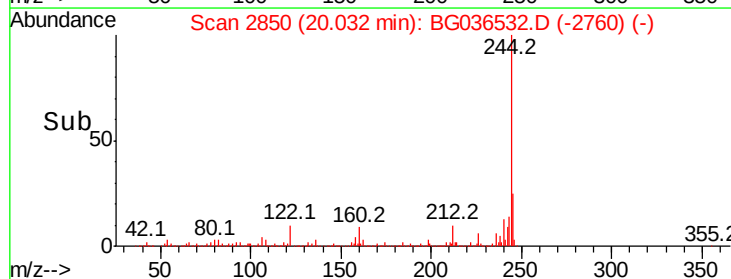
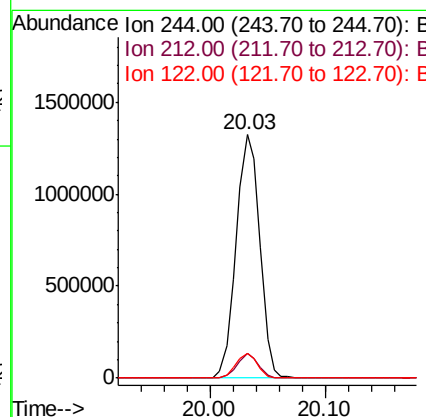
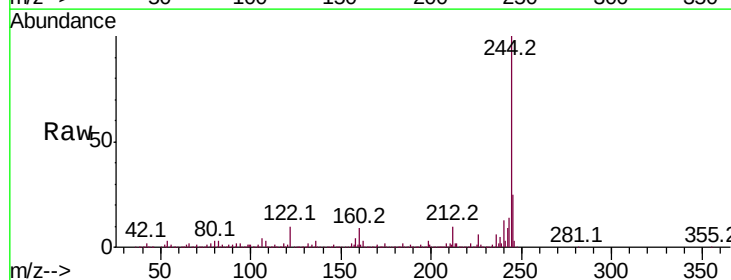
Instrument :
BNA_G
ClientSampleId :
SB-08

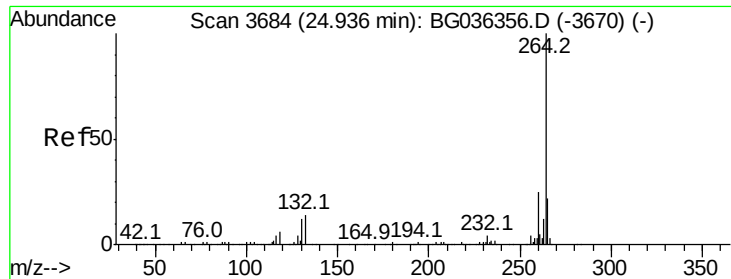
Tot Ion:184 Resp: 34279
Ion Ratio Lower Upper
184 100
185 17.2 12.6 18.8
183 9.3 10.9 16.3#



#78
Terphenyl-d14
Concen: 95.074 ng
RT: 20.03 min Scan# 2850
Delta R.T. 0.00 min
Lab File: BG036532.D
Acq: 4 Sep 2018 15:13

Tgt Ion:244 Resp: 1876100
Ion Ratio Lower Upper
244 100
212 10.0 7.0 10.6
122 10.3 7.1 10.7





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3678
Delta R.T. -0.01 min
Lab File: BG036532.D
Acq: 4 Sep 2018 15:13

Instrument :
BNA_G
ClientSampleId :
SB-08

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.6	29.4
265	21.0	17.4	26.0

