

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\
 Data File : BG036438.D
 Acq On : 27 Aug 2018 19:19
 Operator : JU/SJ
 Sample : J4583-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 28 03:28:04 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

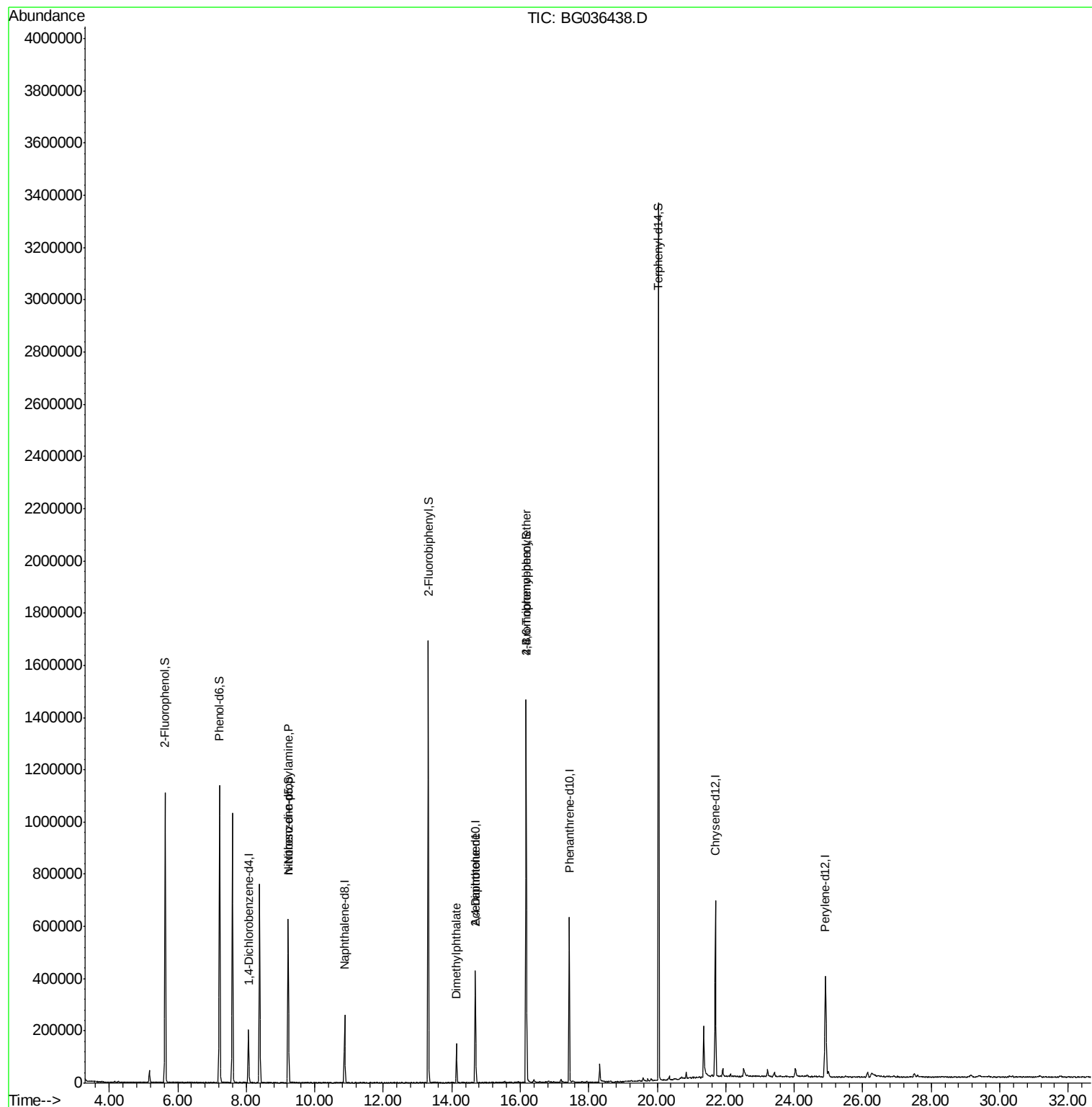
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	55332	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	230506	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	150444	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	379100	20.00	ng	0.00
75) Chrysene-d12	21.70	240	412942	20.00	ng	-0.01
86) Perylene-d12	24.91	264	424277	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	451019	129.30	ng	0.00
7) Phenol-d6	7.22	99	640781	128.31	ng	0.00
23) Nitrobenzene-d5	9.22	82	374458	88.14	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	263649	146.87	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	886111	84.10	ng	0.00
78) Terphenyl-d14	20.04	244	1516599	85.84	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	50569	13.549	ng	# 69
49) Dimethylphthalate	14.13	163	100685	8.196	ng	# 99
56) 2,4-Dinitrotoluene	14.69	165	19775	6.002	ng	# 20
66) 4-Bromophenyl-phenylether	16.17	248	18632	4.198	ng	# 1

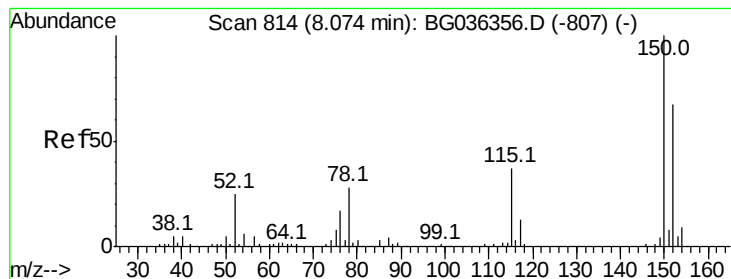
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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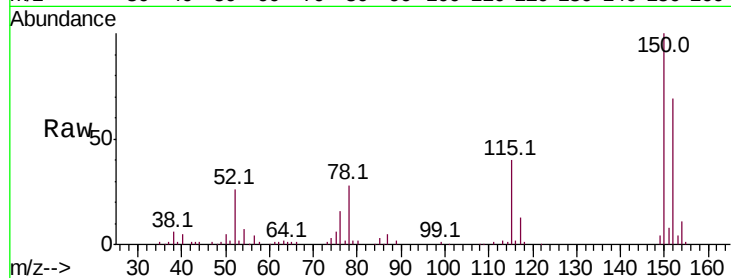


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG036438.D
Acq: 27 Aug 2018 19:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.2	119.5	179.3
115	57.9	44.5	66.7

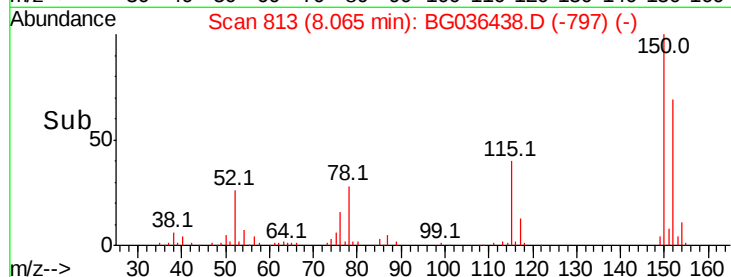
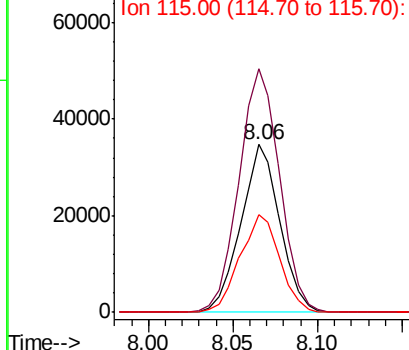


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

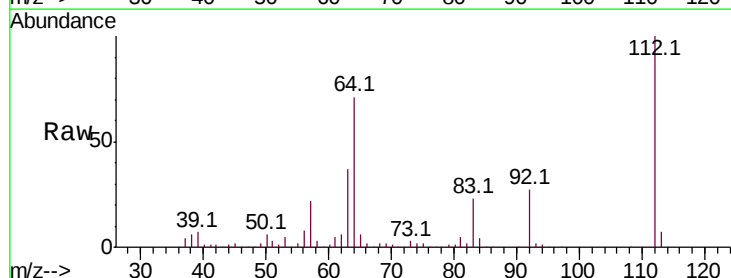
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 129.301 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG036438.D
Acq: 27 Aug 2018 19:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.9	57.2	85.8
63	37.4	30.8	46.2

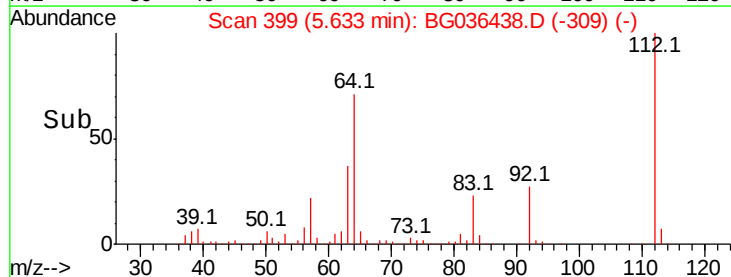
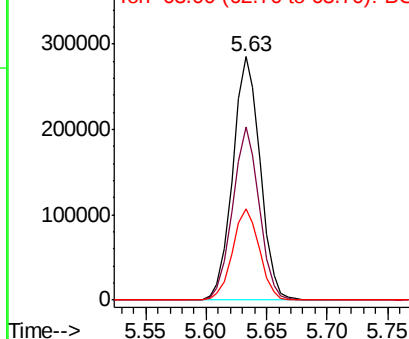


Abundance

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: 128.307 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036438.D

Acq: 27 Aug 2018 19:19

Instrument :

BNA_G

ClientSampled :

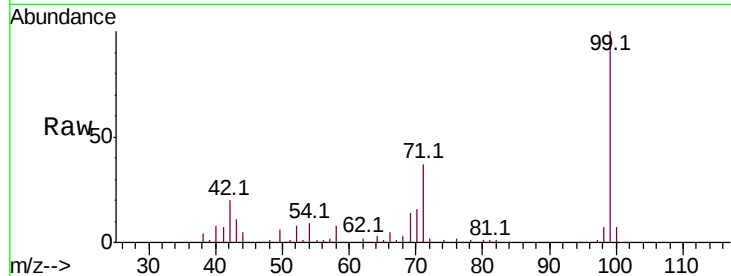
Tot Ion: 99 Resp: 640781

Ion Ratio Lower Upper

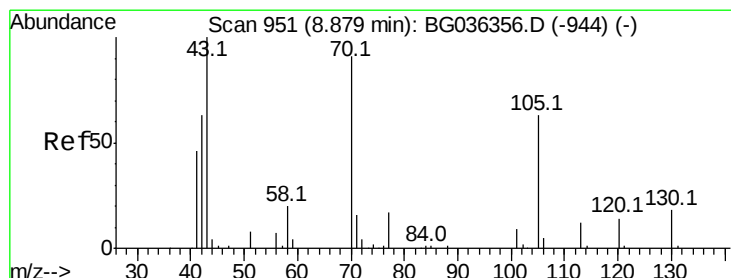
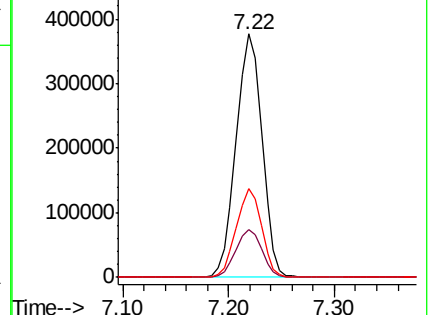
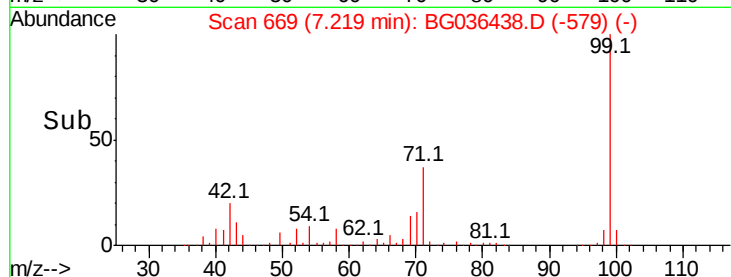
99 100

42 19.7 16.5 24.7

71 36.7 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: 13.549 ng

RT: 9.23 min Scan# 1011

Delta R.T. 0.35 min

Lab File: BG036438.D

Acq: 27 Aug 2018 19:19

Tgt Ion: 70 Resp: 50569

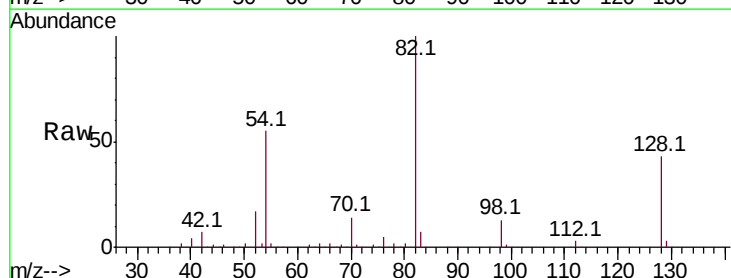
Ion Ratio Lower Upper

70 100

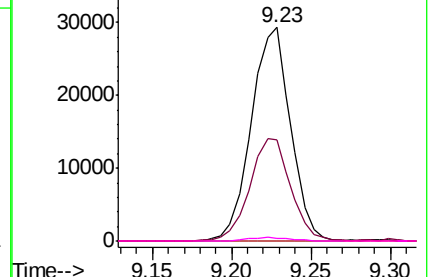
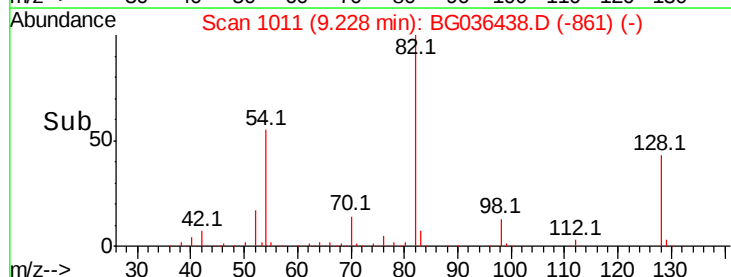
42 47.1 56.2 84.4#

101 0.0 7.8 11.6#

130 1.2 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

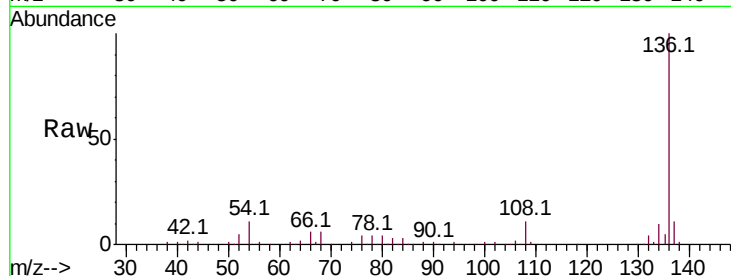




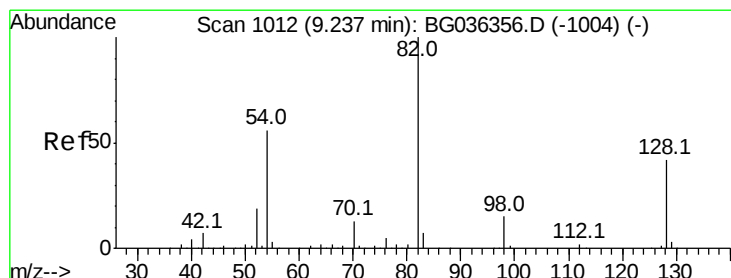
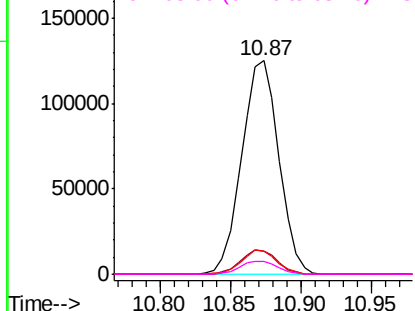
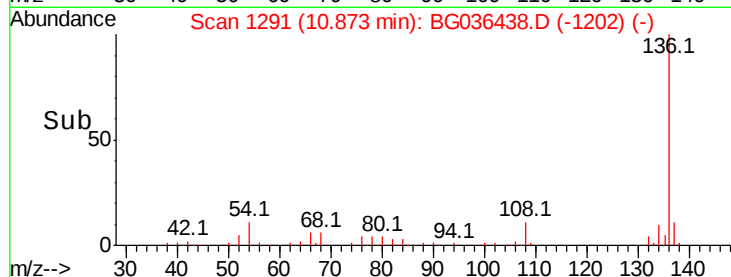
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BG036438.D
Acq: 27 Aug 2018 19:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	230506
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	10.6	9.2	13.8
68	6.0	5.8	8.6

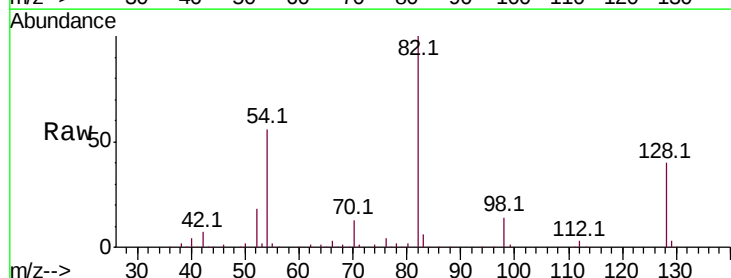


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

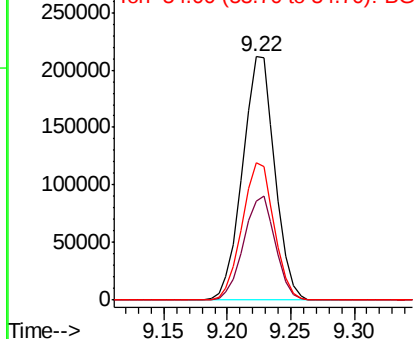
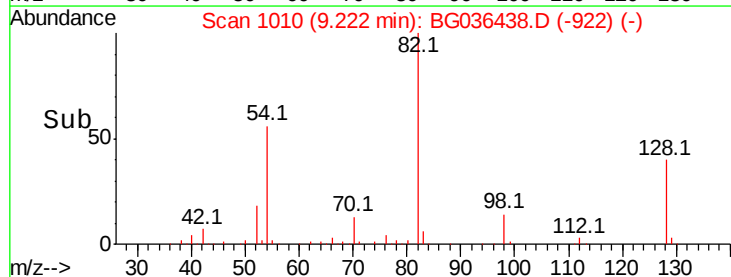


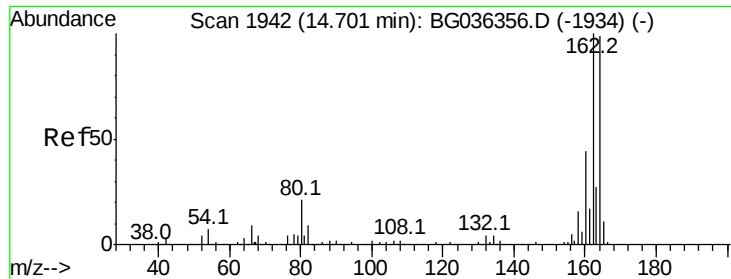
#23
Nitrobenzene-d5
Concen: 88.140 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BG036438.D
Acq: 27 Aug 2018 19:19

Tgt Ion:	82	Resp:	374458
Ion	Ratio	Lower	Upper
82	100		
128	40.4	33.3	49.9
54	56.5	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

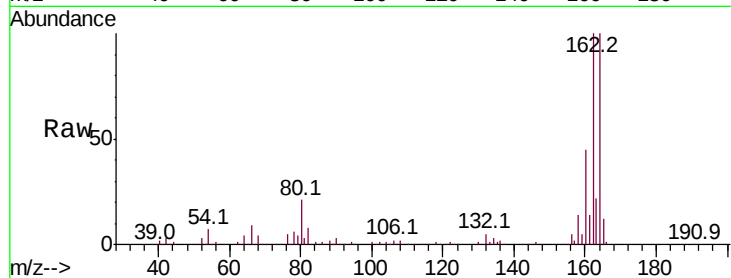




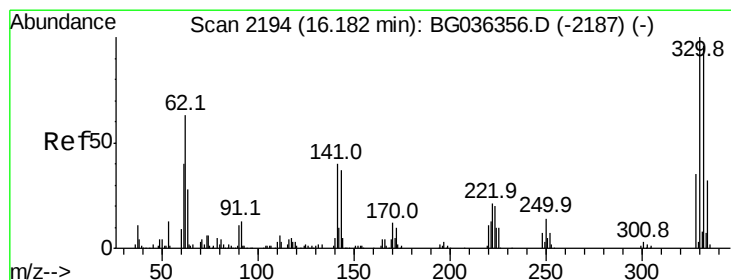
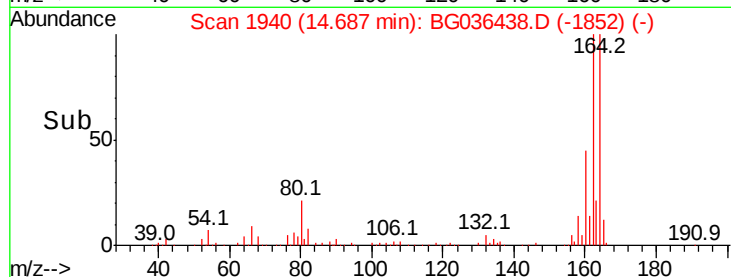
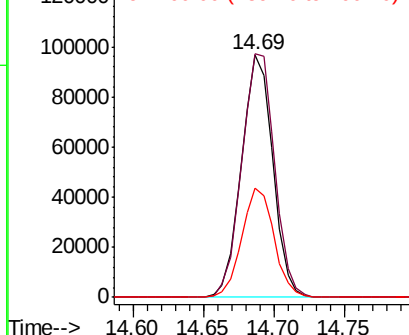
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG036438.D
 Acq: 27 Aug 2018 19:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:164 Resp: 150444
 Ion Ratio Lower Upper
 164 100
 162 100.3 80.7 121.1
 160 45.1 35.3 52.9

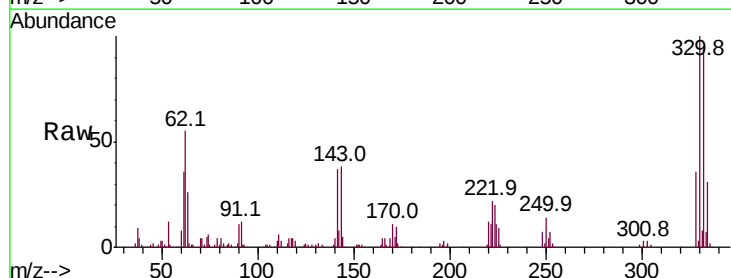


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

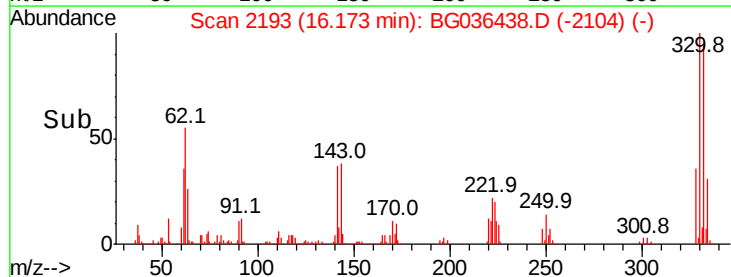
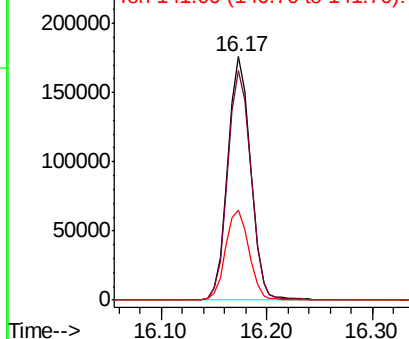


#41
 2,4,6-Tribromophenol
 Concen: 146.869 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG036438.D
 Acq: 27 Aug 2018 19:19

Tgt Ion:330 Resp: 263649
 Ion Ratio Lower Upper
 330 100
 332 95.6 75.4 113.2
 141 38.0 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

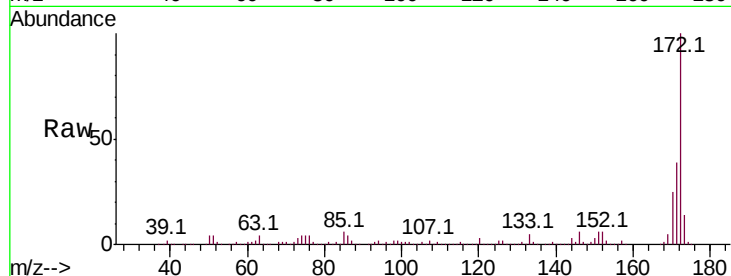




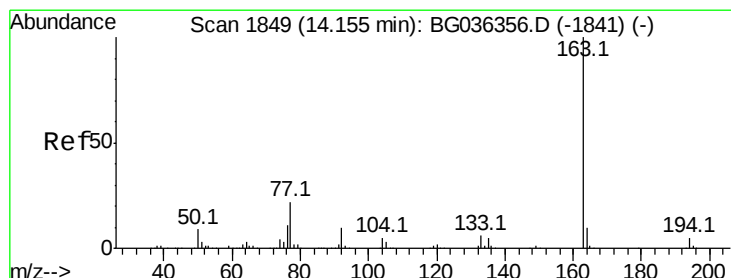
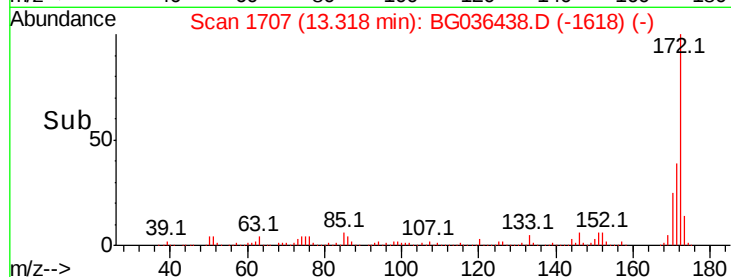
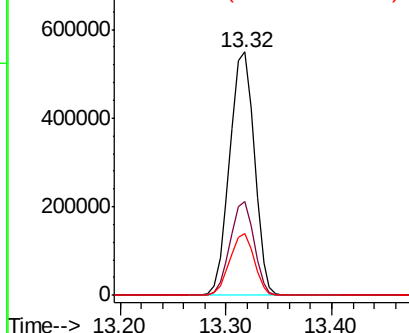
#44
 2-Fluorobiphenyl
 Concen: 84.098 ng
 RT: 13.32 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG036438.D
 Acq: 27 Aug 2018 19:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 886111
 Ion Ratio Lower Upper
 172 100
 171 38.5 31.3 46.9
 170 25.4 21.0 31.6

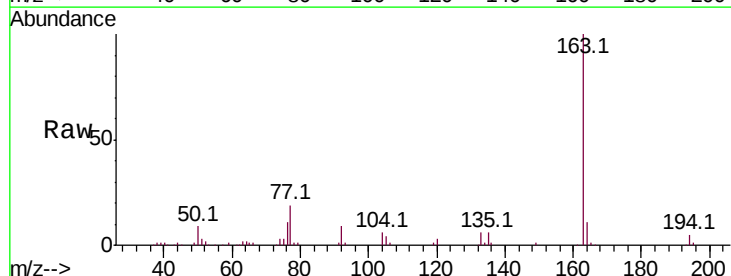


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

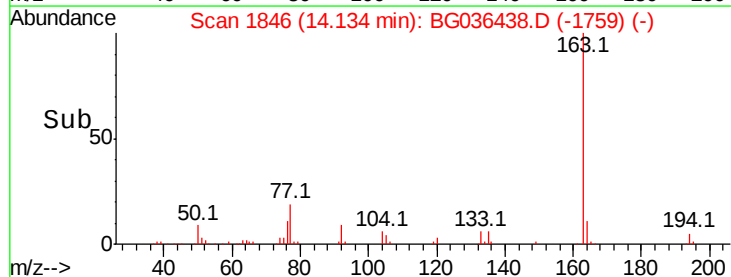
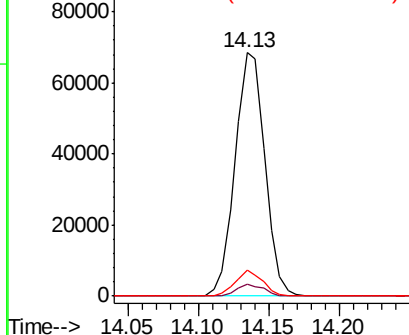


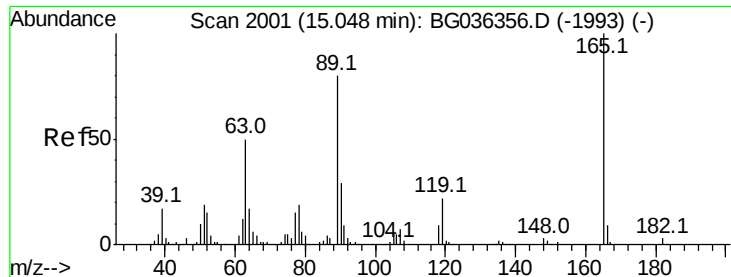
#49
 Dimethylphthalate
 Concen: 8.196 ng
 RT: 14.13 min Scan# 1846
 Delta R.T. -0.02 min
 Lab File: BG036438.D
 Acq: 27 Aug 2018 19:19

Tgt Ion:163 Resp: 100685
 Ion Ratio Lower Upper
 163 100
 194 5.0 4.0 6.0
 164 10.7 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

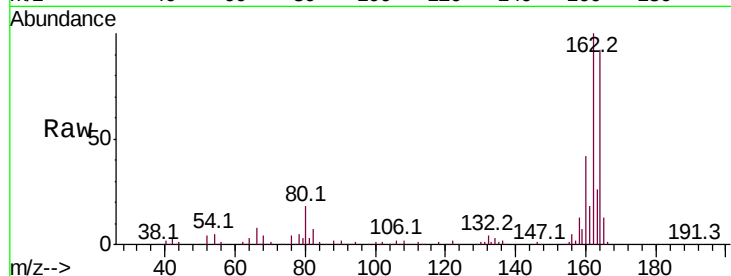




#56
 2,4-Dinitrotoluene
 Concen: 6.002 ng
 RT: 14.69 min Scan# 1941
 Delta R.T. -0.35 min
 Lab File: BG036438.D
 Acq: 27 Aug 2018 19:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	40.1	60.1#
89	1.6	63.7	95.5#
182	0.0	2.5	3.7#



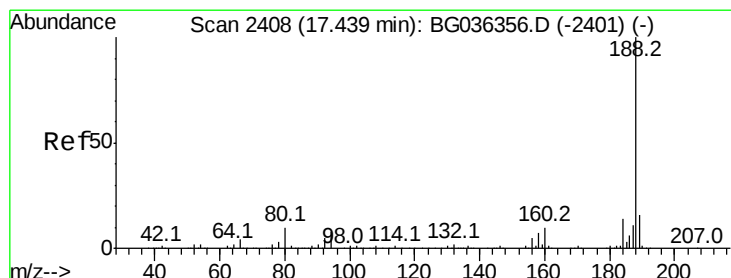
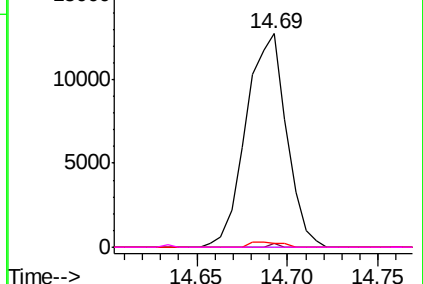
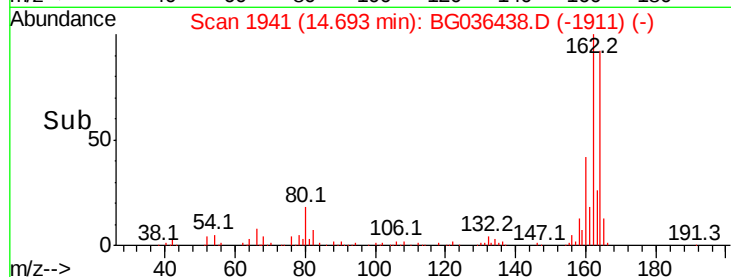
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

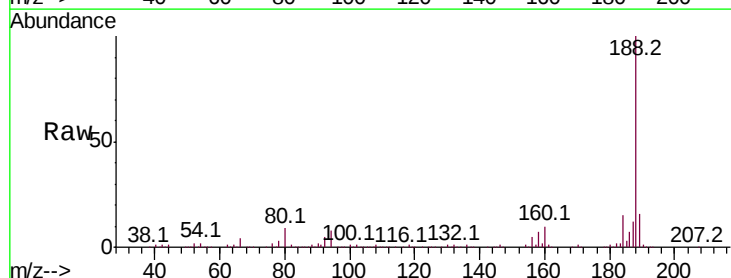
Ion 89.00 (88.70 to 89.70): BGC

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: BG036438.D
 Acq: 27 Aug 2018 19:19

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.7	10.1
80	9.2	8.1	12.1

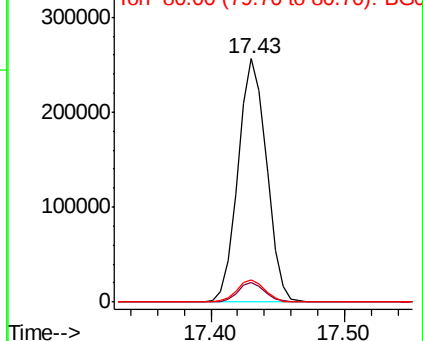
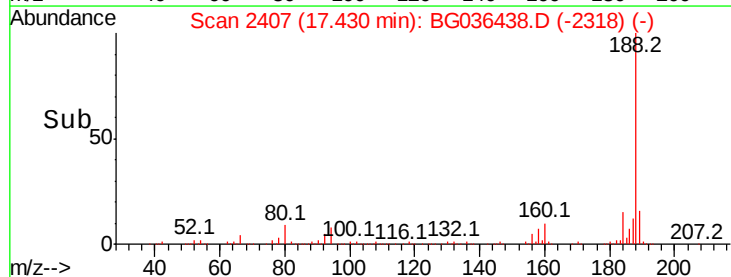


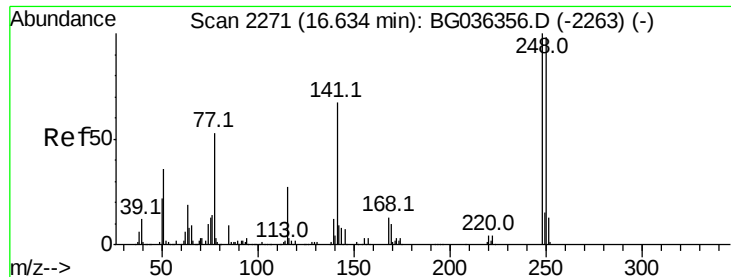
Abundance

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

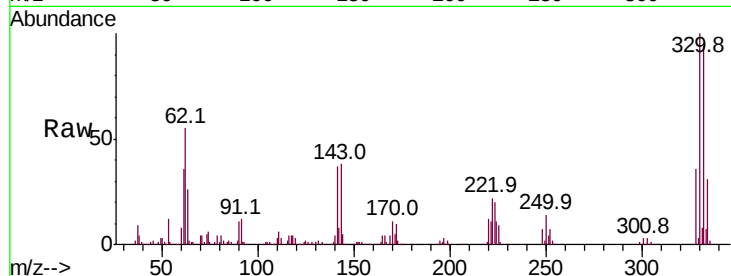




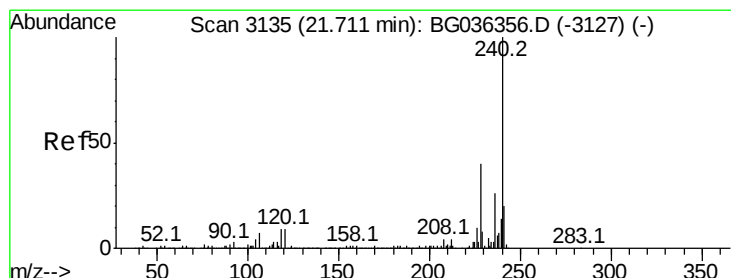
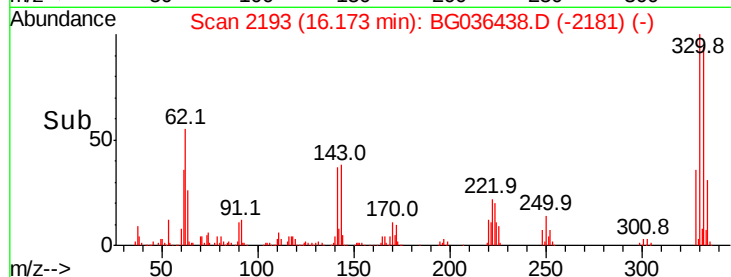
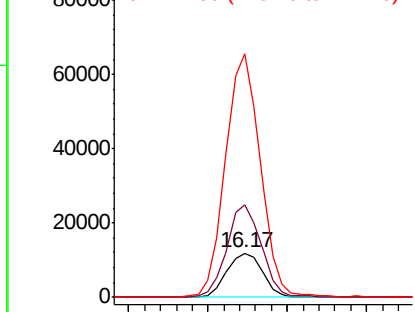
#66
4-Bromophenyl-phenylether
Concen: 4.198 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.46 min
Lab File: BG036438.D
Acq: 27 Aug 2018 19:19

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 18632
Ion Ratio Lower Upper
248 100
250 207.8 78.1 117.1#
141 546.8 53.7 80.5#

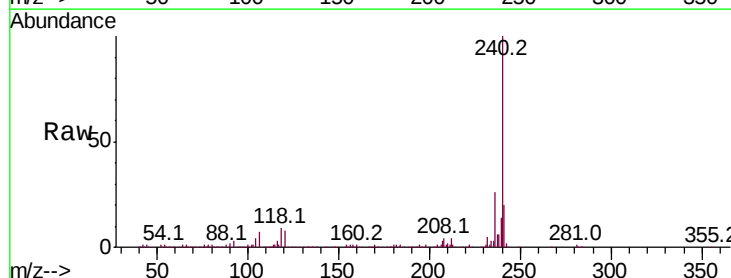


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

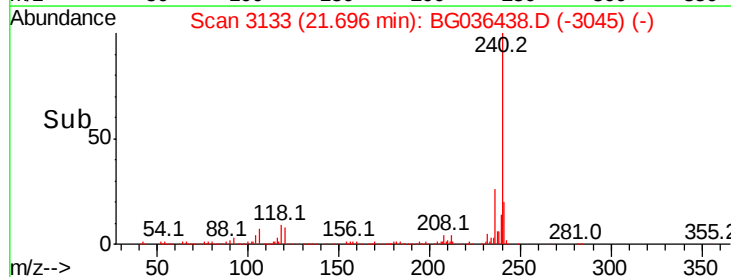
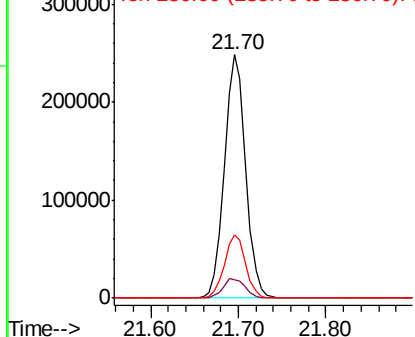


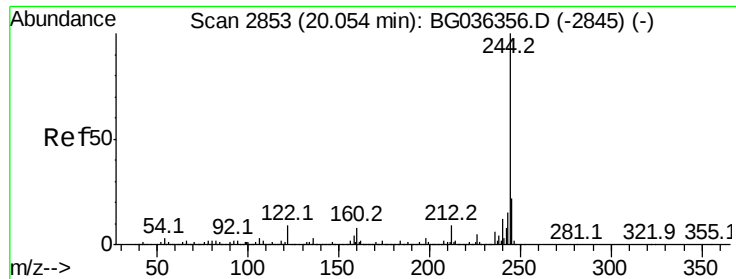
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BG036438.D
Acq: 27 Aug 2018 19:19

Tgt Ion:240 Resp: 412942
Ion Ratio Lower Upper
240 100
120 7.7 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





#78

Terphenyl-d14

Concen: 85.843 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG036438.D

Acq: 27 Aug 2018 19:19

Instrument :

BNA_G

ClientSampled :

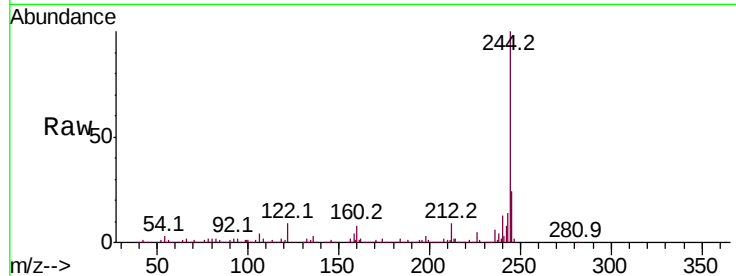
Tot Ion:244 Resp: 1516599

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.0	10.6
122	9.3	7.1	10.7

244 100

212 9.0 7.0 10.6

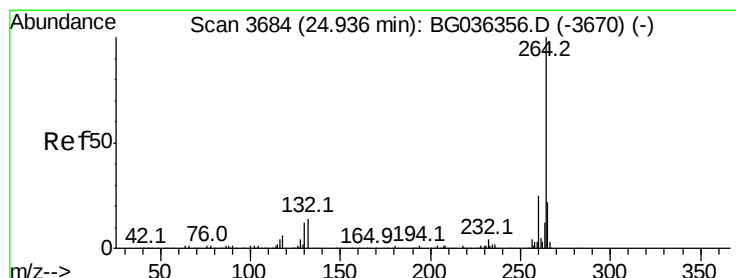
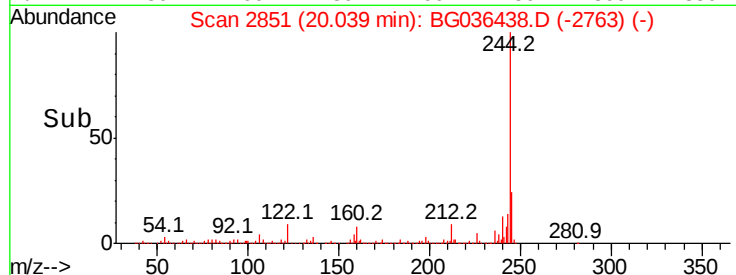
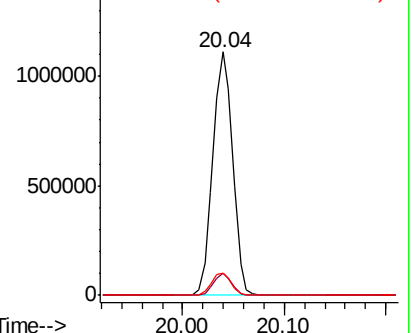
122 9.3 7.1 10.7



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: BG036438.D

Acq: 27 Aug 2018 19:19

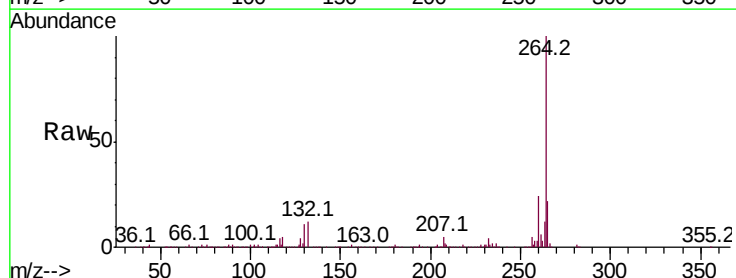
Tgt Ion:264 Resp: 424277

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	21.8	17.4	26.0

264 100

260 24.1 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

