

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083118\
 Data File : BG036520.D
 Acq On : 1 Sep 2018 00:59
 Operator : JU/SJ
 Sample : J4726-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 01 02:37:57 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

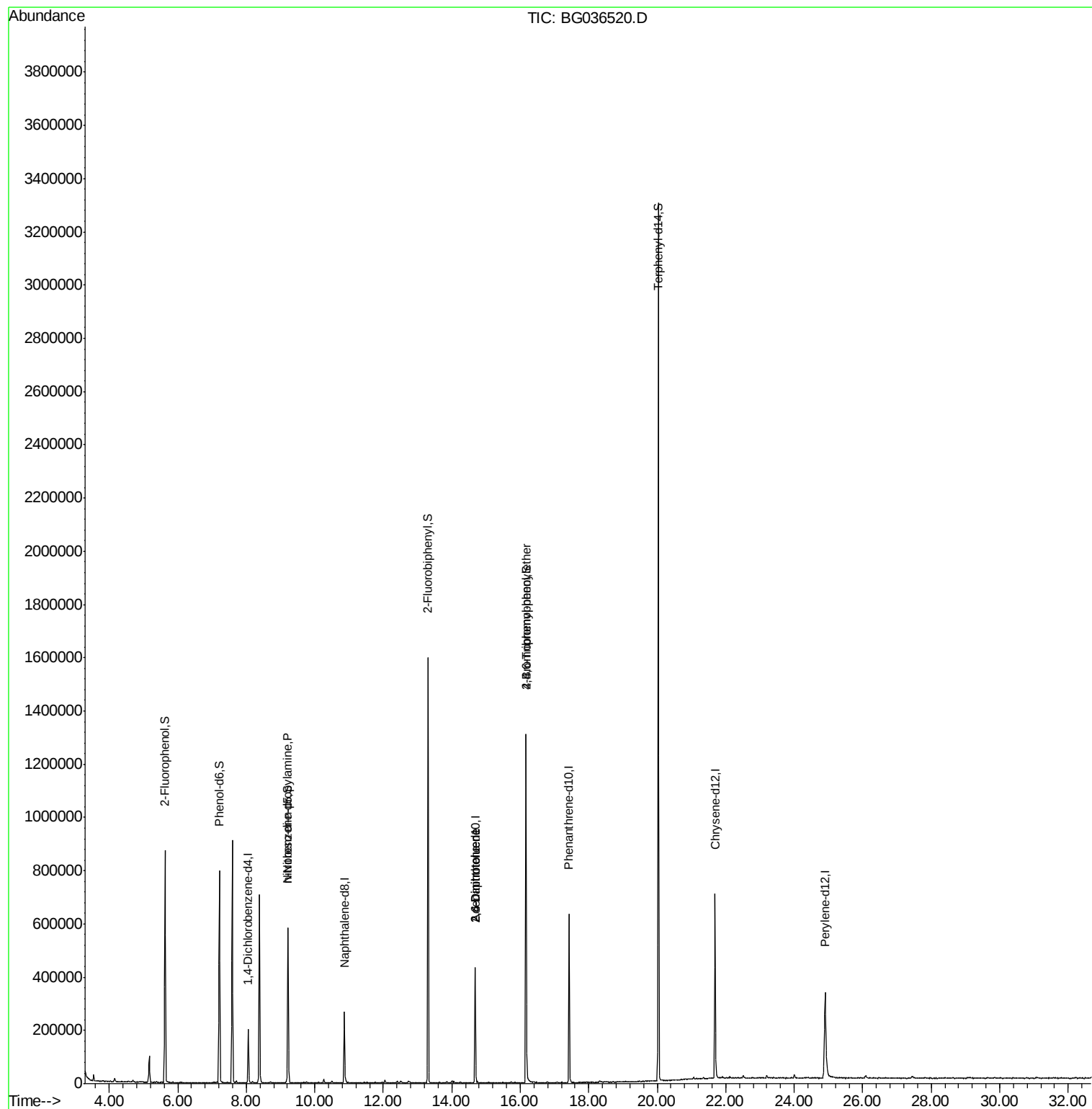
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	56731	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	228885	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	151954	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	402521	20.00	ng	0.00
75) Chrysene-d12	21.69	240	439964	20.00	ng	0.00
86) Perylene-d12	24.90	264	415749	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	365806	102.29	ng	0.00
7) Phenol-d6	7.21	99	453935	88.65	ng	0.00
23) Nitrobenzene-d5	9.22	82	360853	85.54	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	244570	134.89	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	845303	79.43	ng	0.00
78) Terphenyl-d14	20.03	244	1514940	80.48	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	47574	12.432	ng	# 68
50) 2,6-Dinitrotoluene	14.68	165	19707	7.719	ng	# 24
56) 2,4-Dinitrotoluene	14.68	165	19707	5.922	ng	# 22
66) 4-Bromophenyl-phenylether	16.17	248	17436	3.700	ng	# 1

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

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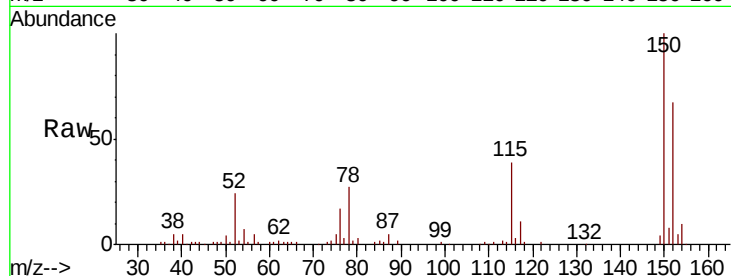


#1

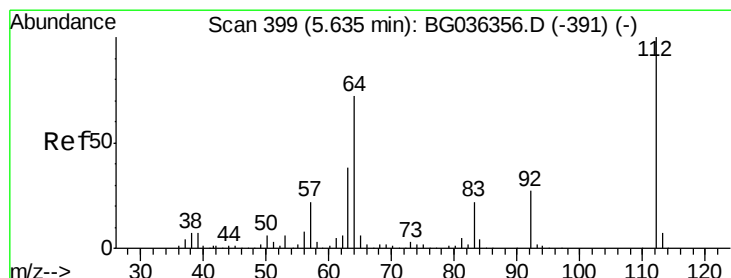
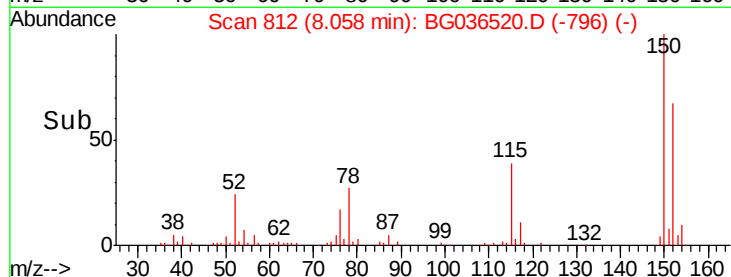
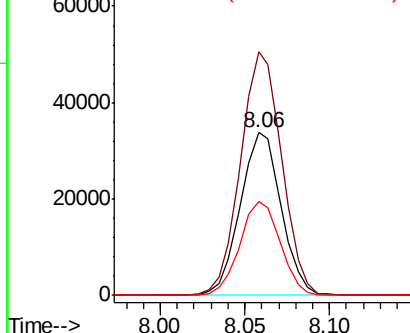
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG036520.D
Acq: 1 Sep 2018 00:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 56731
Ion Ratio Lower Upper
152 100
150 149.7 119.5 179.3
115 57.7 44.5 66.7



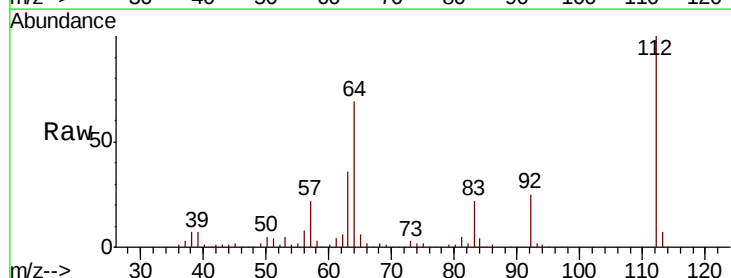
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



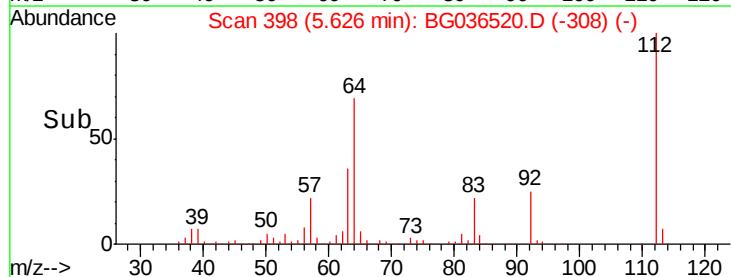
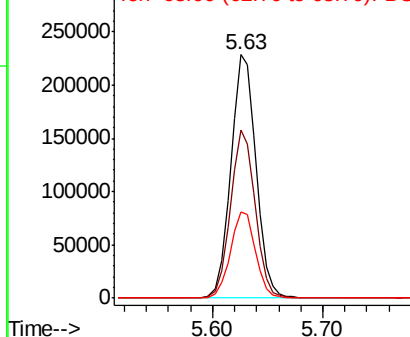
#5

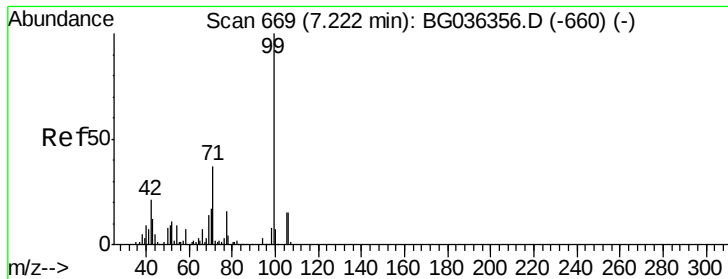
2-Fluorophenol
Concen: 102.286 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036520.D
Acq: 1 Sep 2018 00:59

Tgt Ion:112 Resp: 365806
Ion Ratio Lower Upper
112 100
64 68.8 57.2 85.8
63 35.6 30.8 46.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 88.652 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036520.D

Acq: 1 Sep 2018 00:59

Instrument :

BNA_G

ClientSampleId :

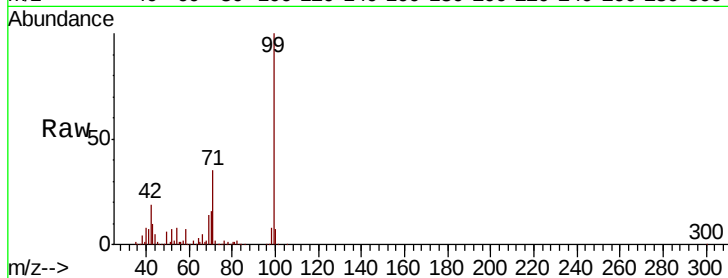
Tot Ion: 99 Resp: 453935

Ion Ratio Lower Upper

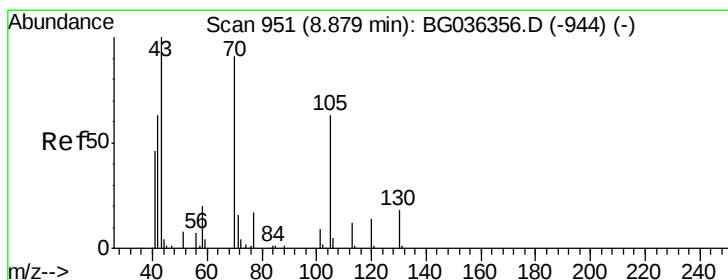
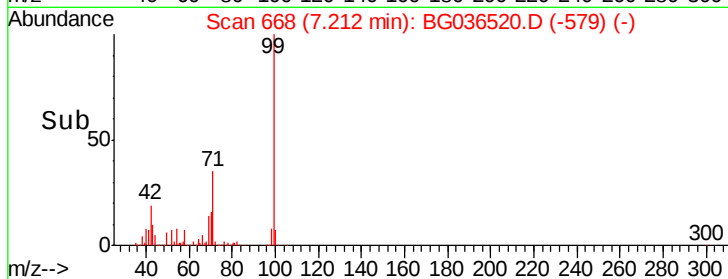
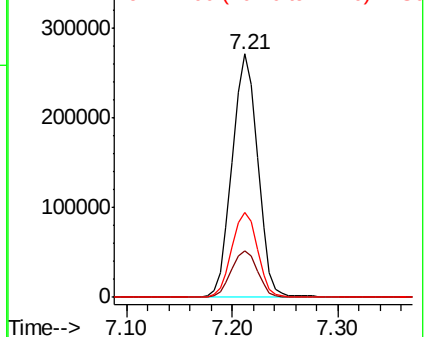
99 100

42 19.0 16.5 24.7

71 34.8 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: 12.432 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.35 min

Lab File: BG036520.D

Acq: 1 Sep 2018 00:59

Tgt Ion: 70 Resp: 47574

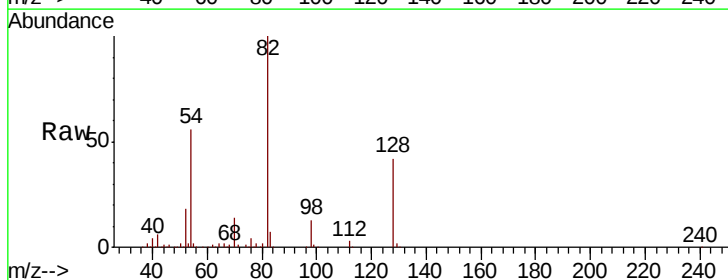
Ion Ratio Lower Upper

70 100

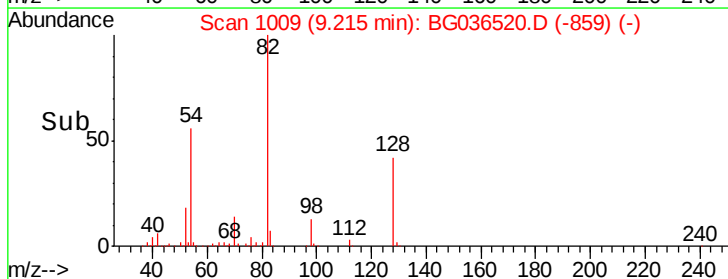
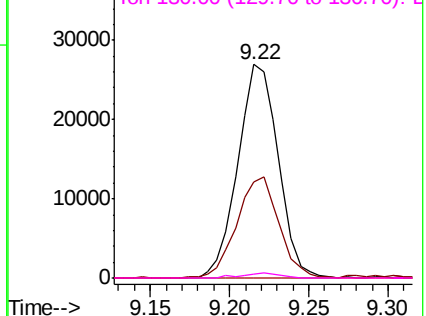
42 44.8 56.2 84.4#

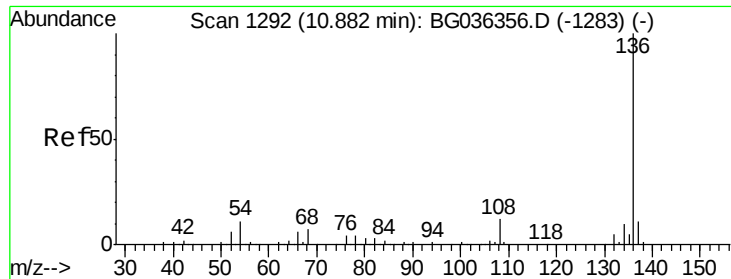
101 0.0 7.8 11.6#

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: BG036520.D

Acq: 1 Sep 2018 00:59

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 228885

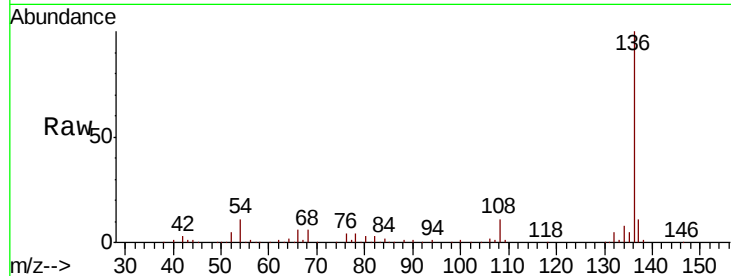
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 10.7 9.2 13.8

68 6.1 5.8 8.6

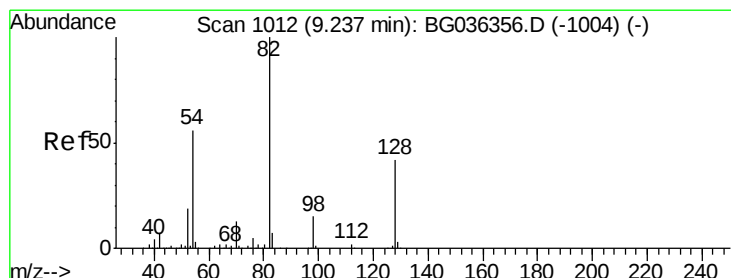
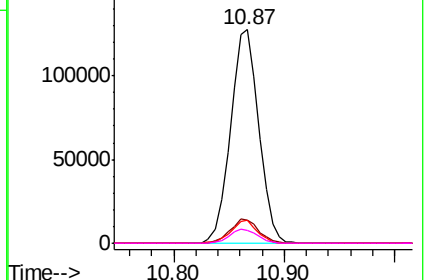
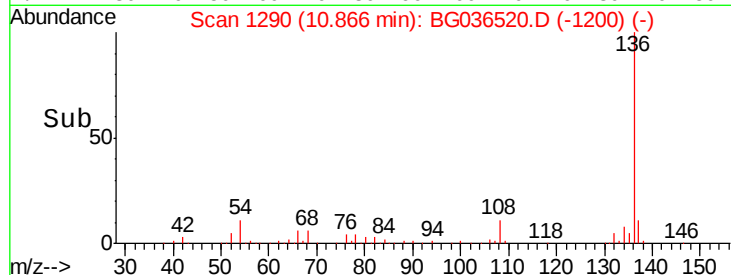


Abundance Ion 136.00 (135.70 to 136.70): E

200000 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: 85.539 ng

RT: 9.22 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BG036520.D

Acq: 1 Sep 2018 00:59

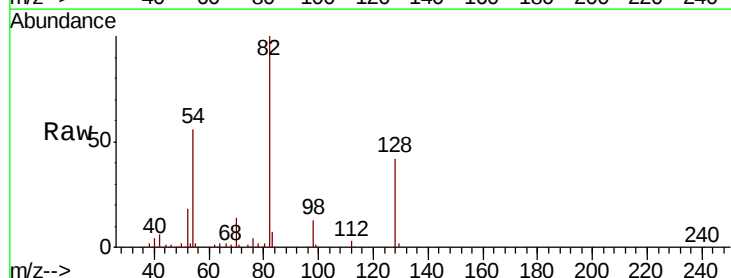
Tgt Ion: 82 Resp: 360853

Ion Ratio Lower Upper

82 100

128 42.1 33.3 49.9

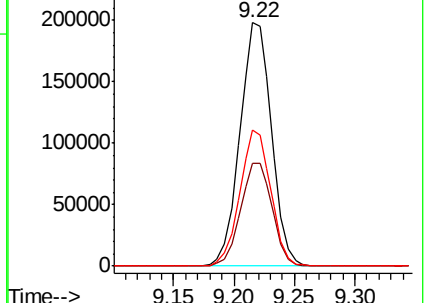
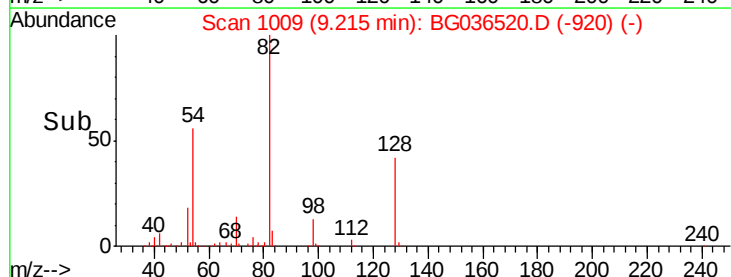
54 55.7 45.1 67.7

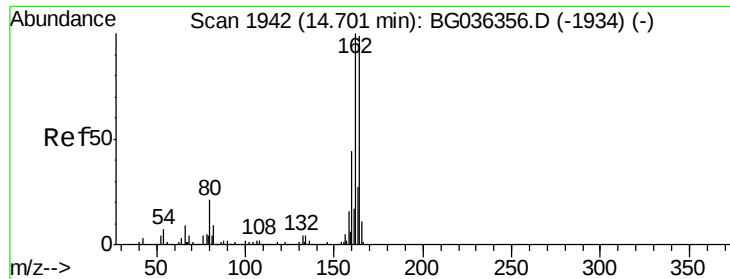


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

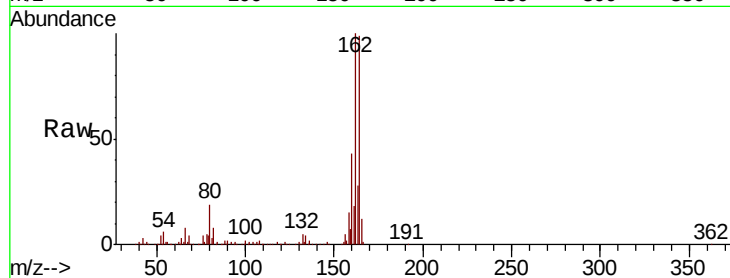




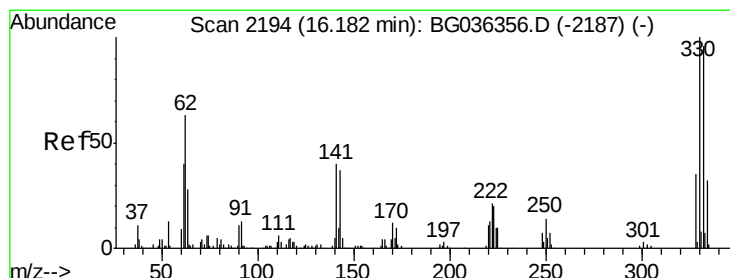
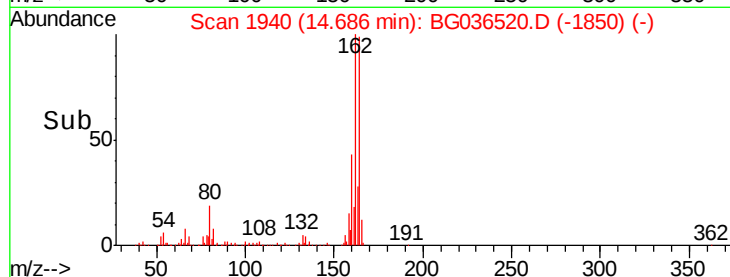
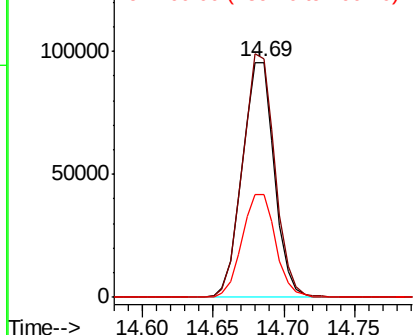
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1940
Delta R.T. 0.00 min
Lab File: BG036520.D
Acq: 1 Sep 2018 00:59

Instrument :
BNA_G
ClientSampled :

Tot Ion:164 Resp: 151954
Ion Ratio Lower Upper
164 100
162 101.5 80.7 121.1
160 44.0 35.3 52.9

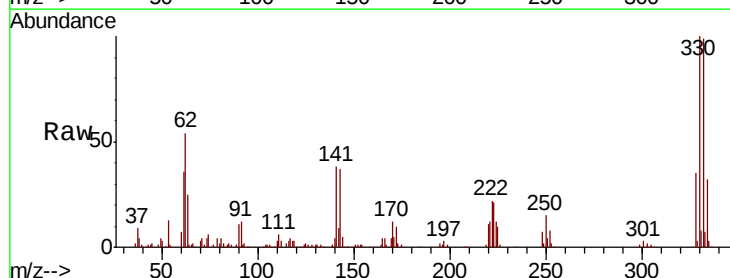


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

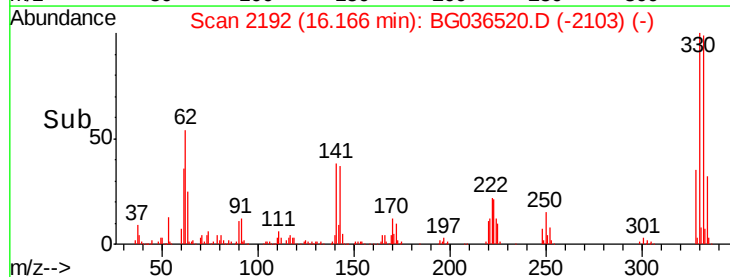
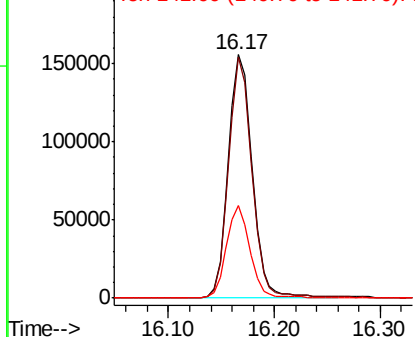


#41
2,4,6-Tribromophenol
Concen: 134.887 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BG036520.D
Acq: 1 Sep 2018 00:59

Tgt Ion:330 Resp: 244570
Ion Ratio Lower Upper
330 100
332 97.2 75.4 113.2
141 37.2 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

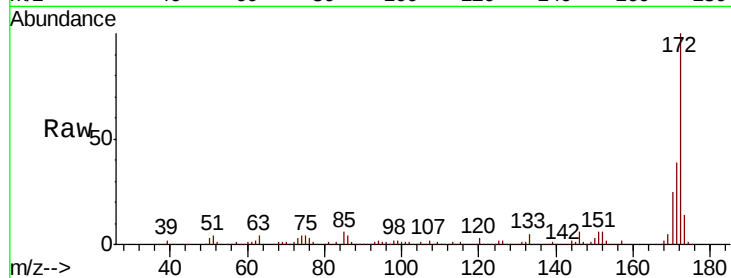




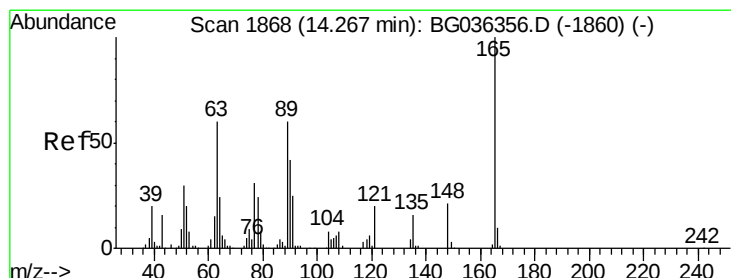
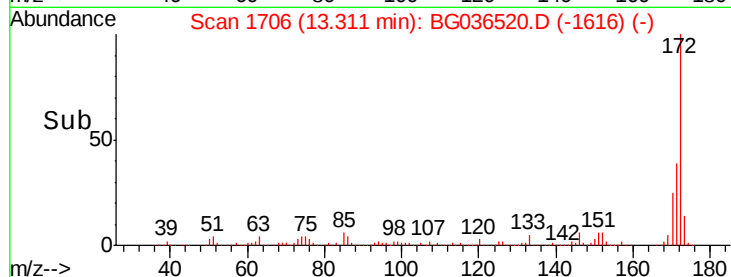
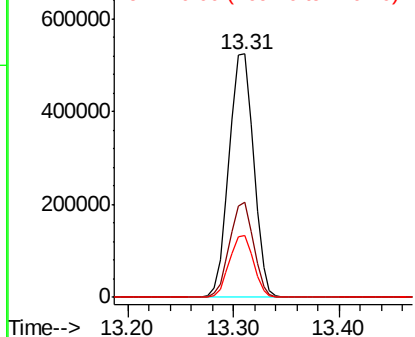
#44
 2-Fluorobiphenyl
 Concen: 79.428 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: BG036520.D
 Acq: 1 Sep 2018 00:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 845303
 Ion Ratio Lower Upper
 172 100
 171 38.8 31.3 46.9
 170 25.4 21.0 31.6

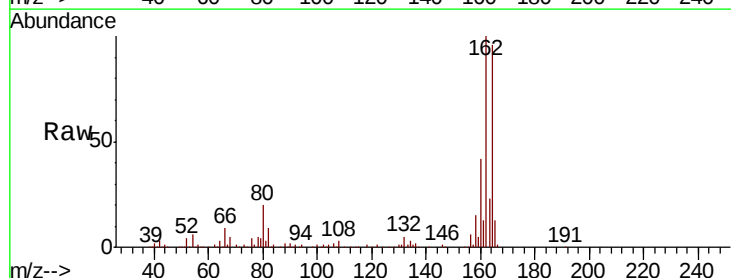


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

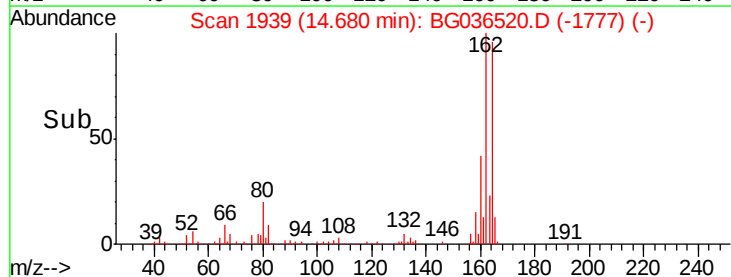
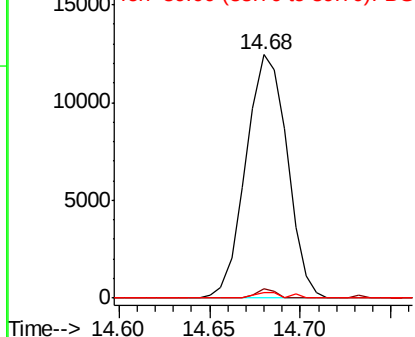


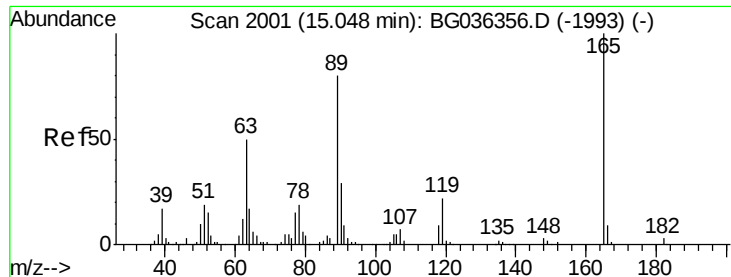
#50
 2,6-Dinitrotoluene
 Concen: 7.719 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. 0.42 min
 Lab File: BG036520.D
 Acq: 1 Sep 2018 00:59

Tgt Ion:165 Resp: 19707
 Ion Ratio Lower Upper
 165 100
 63 3.8 50.1 75.1#
 89 2.4 47.8 71.6#



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

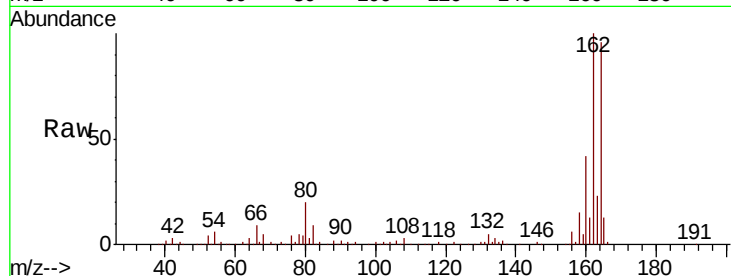




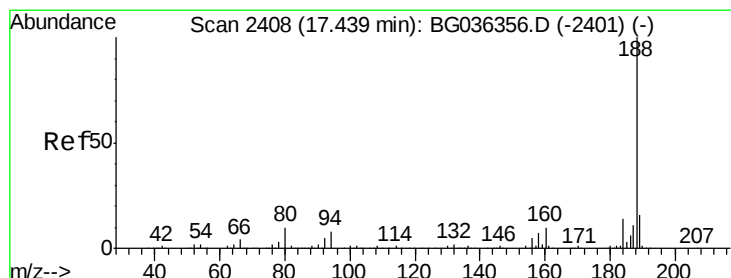
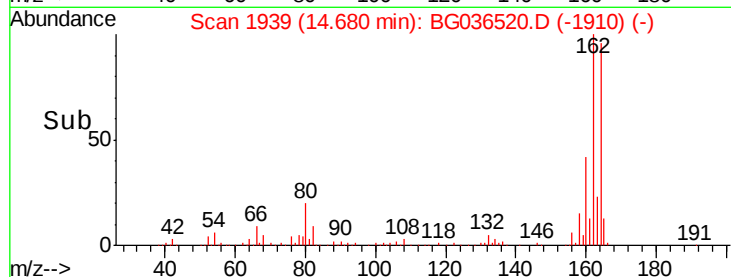
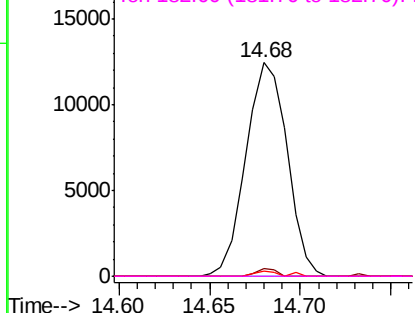
#56
 2,4-Dinitrotoluene
 Concen: 5.922 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.36 min
 Lab File: BG036520.D
 Acq: 1 Sep 2018 00:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	3.8	40.1	60.1#
89	2.4	63.7	95.5#
182	0.0	2.5	3.7#

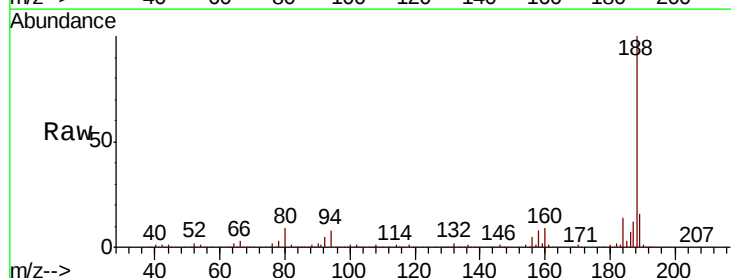


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

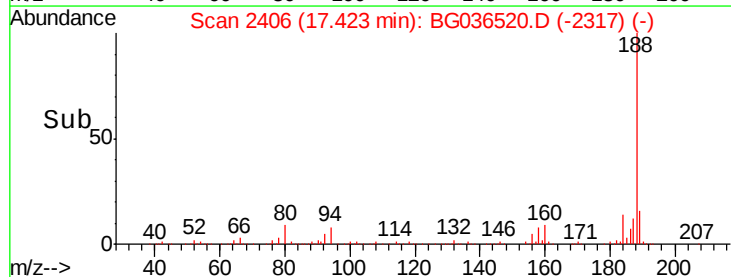
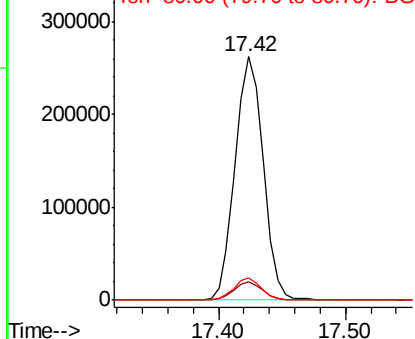


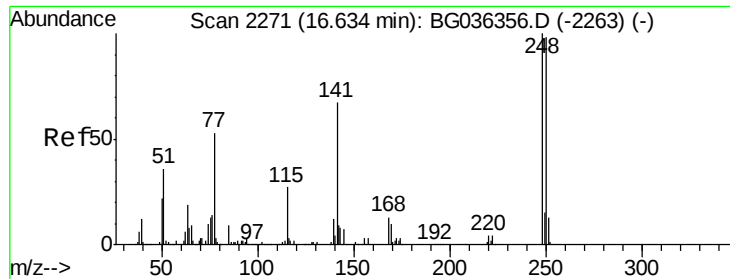
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BG036520.D
 Acq: 1 Sep 2018 00:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.7	10.1
80	9.1	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

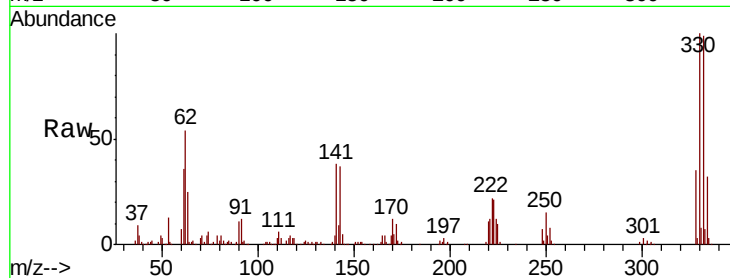




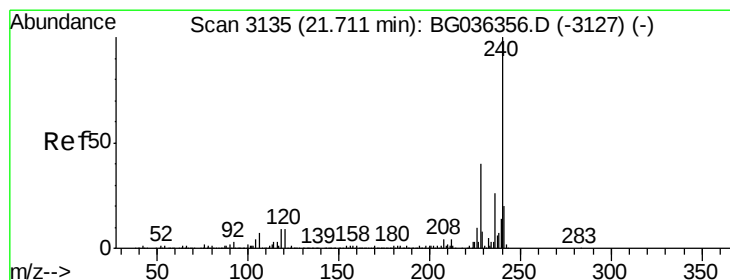
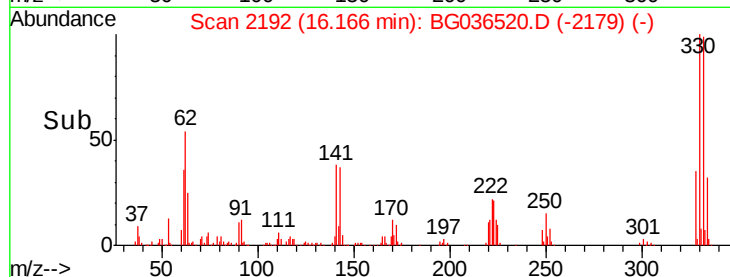
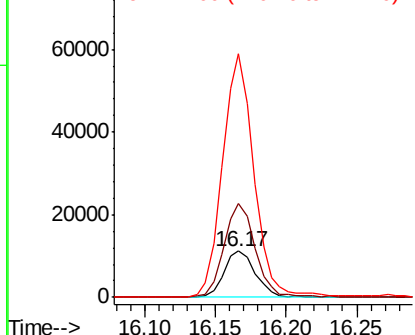
#66
4-Bromophenyl-phenylether
Concen: 3.700 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.45 min
Lab File: BG036520.D
Acq: 1 Sep 2018 00:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 17436
Ion Ratio Lower Upper
248 100
250 204.1 78.1 117.1#
141 530.3 53.7 80.5#

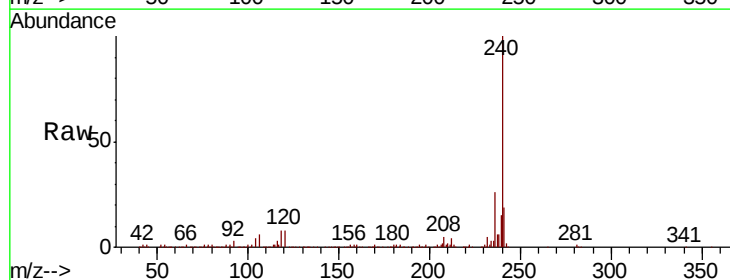


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

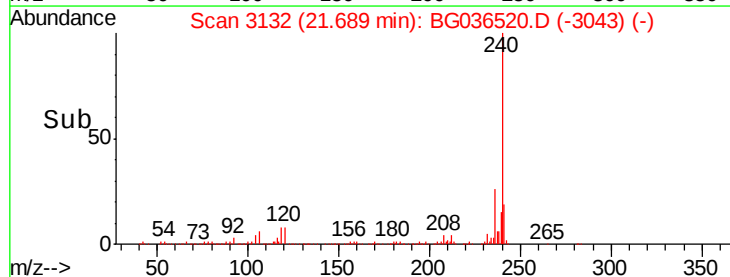
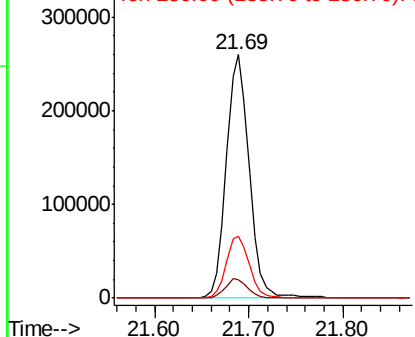


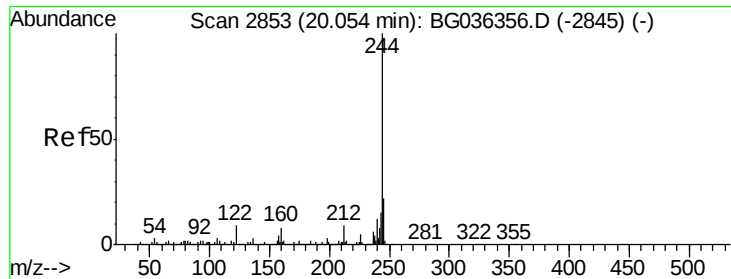
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BG036520.D
Acq: 1 Sep 2018 00:59

Tgt Ion:240 Resp: 439964
Ion Ratio Lower Upper
240 100
120 7.6 6.9 10.3
236 25.6 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: 80.482 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG036520.D

Acq: 1 Sep 2018 00:59

Instrument :

BNA_G

ClientSampled :

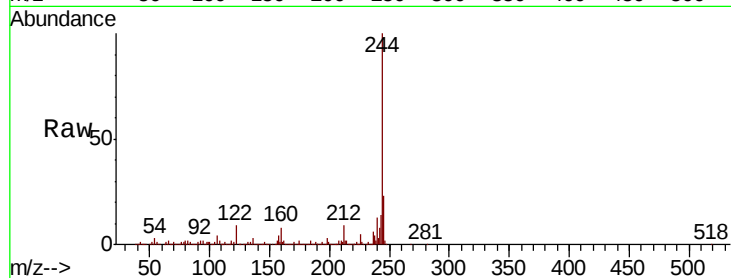
Tot Ion:244 Resp: 1514940

Ion Ratio Lower Upper

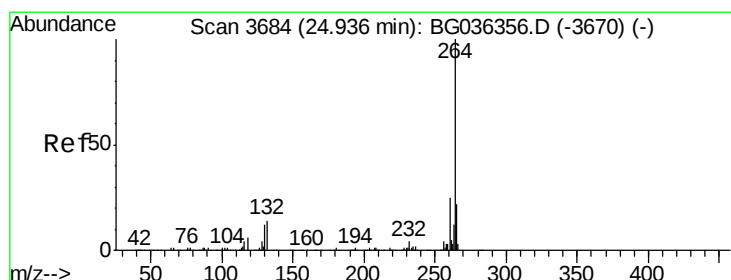
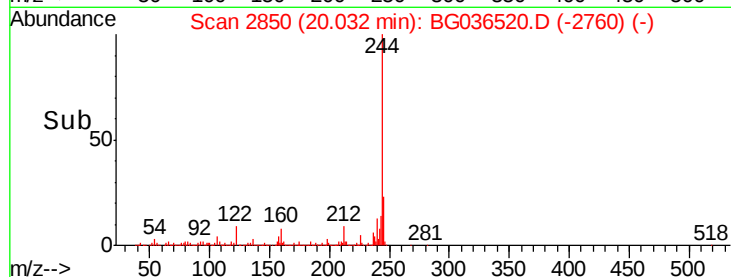
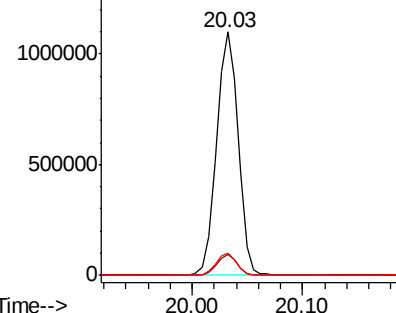
244 100

212 8.8 7.0 10.6

122 9.3 7.1 10.7



Abundance Ion 244.00 (243.70 to 244.70): E
1500000
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: 24.90 min Scan# 3679

Delta R.T. 0.00 min

Lab File: BG036520.D

Acq: 1 Sep 2018 00:59

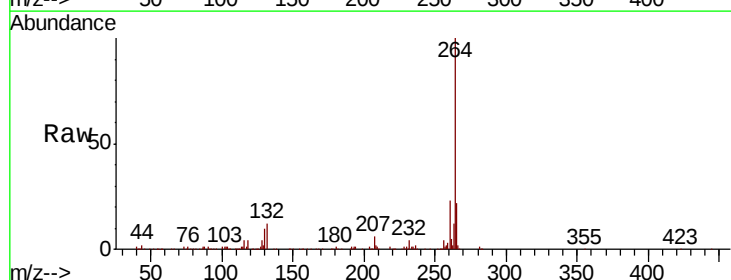
Tgt Ion:264 Resp: 415749

Ion Ratio Lower Upper

264 100

260 23.3 19.6 29.4

265 21.5 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
150000
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

