

Data File : BG036620.D
Acq On : 8 Sep 2018 6:41
Operator : JU/SJ
Sample : J4774-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-03-090618

Quant Time: Sep 10 01:08:12 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

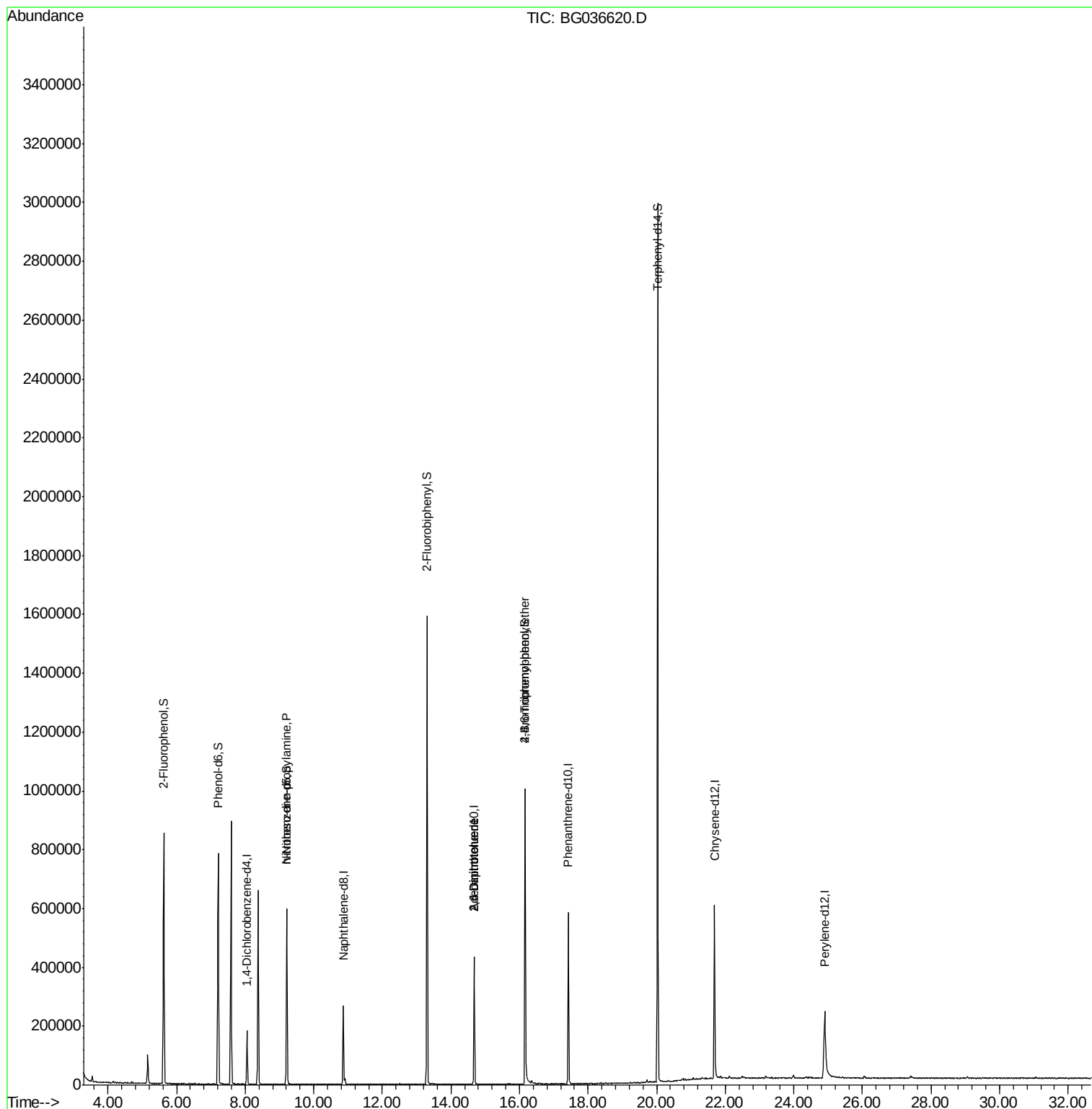
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	50444	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	222192	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	149788	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	385858	20.00	ng	0.00
75) Chrysene-d12	21.68	240	401258	20.00	ng	-0.01
86) Perylene-d12	24.90	264	333408	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	358755	112.82	ng	0.00
7) Phenol-d6	7.21	99	455229	99.99	ng	0.00
23) Nitrobenzene-d5	9.22	82	353786	86.39	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	201337	112.65	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	837615	79.84	ng	0.00
78) Terphenyl-d14	20.03	244	1444161	84.12	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	47812	14.051	ng	# 67
50) 2,6-Dinitrotoluene	14.68	165	19283	7.662	ng	# 22
56) 2,4-Dinitrotoluene	14.68	165	19283	5.879	ng	# 20
66) 4-Bromophenyl-phenylether	16.16	248	13725	3.038	ng	# 1

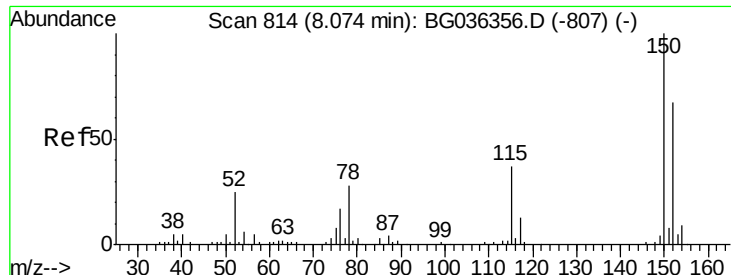
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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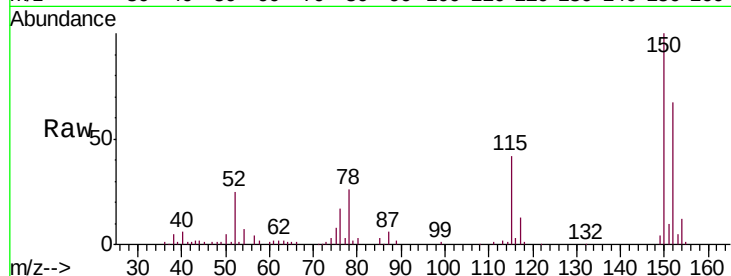




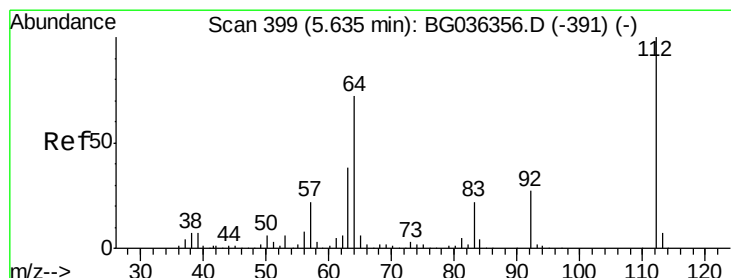
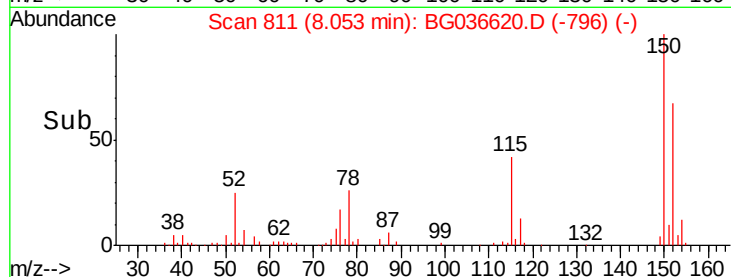
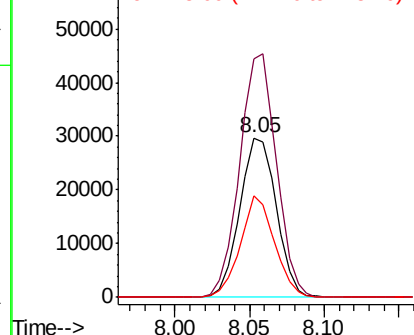
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG036620.D
 Acq: 8 Sep 2018 6:41

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-090618

Tgt Ion:152 Resp: 50444
 Ion Ratio Lower Upper
 152 100
 150 149.9 119.5 179.3
 115 63.3 44.5 66.7

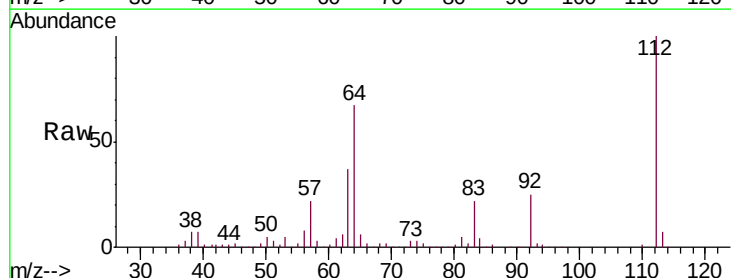


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

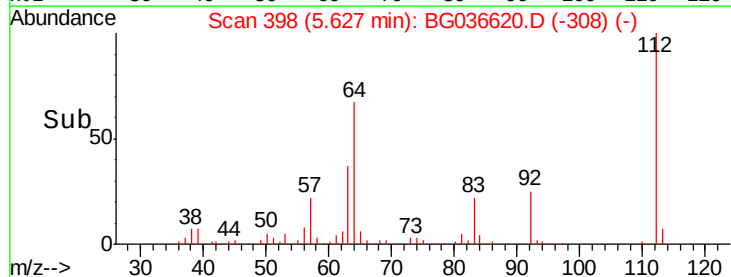
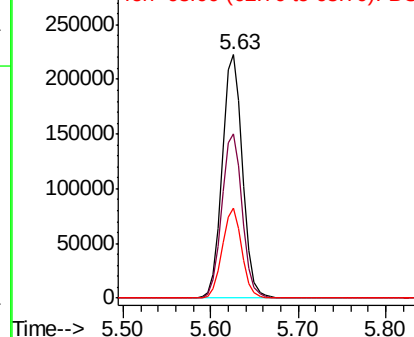


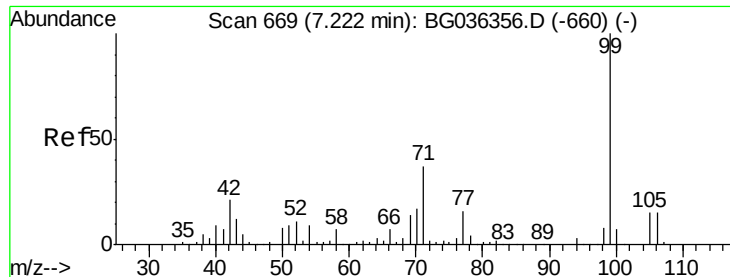
#5
 2-Fluorophenol
 Concen: 112.816 ng
 RT: 5.63 min Scan# 398
 Delta R.T. 0.00 min
 Lab File: BG036620.D
 Acq: 8 Sep 2018 6:41

Tgt Ion:112 Resp: 358755
 Ion Ratio Lower Upper
 112 100
 64 67.4 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: 99.985 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG036620.D

Acq: 8 Sep 2018 6:41

Instrument :

BNA_G

ClientSampleId :

OK-03-090618

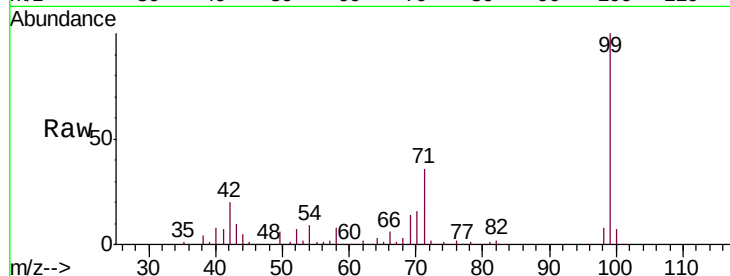
Tgt Ion: 99 Resp: 455229

Ion Ratio Lower Upper

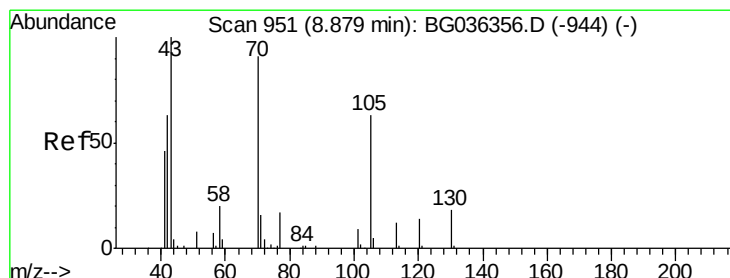
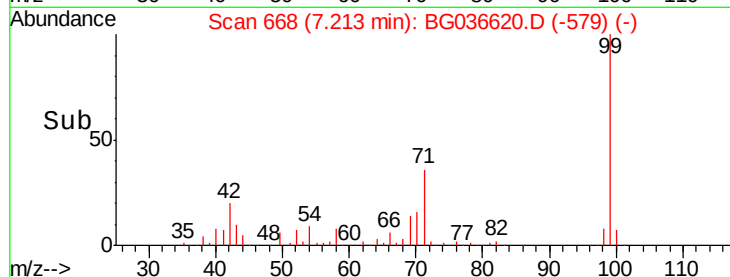
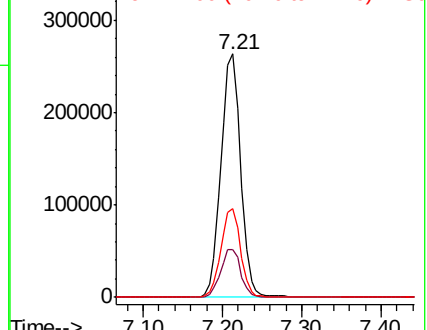
99 100

42 19.9 16.5 24.7

71 36.2 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: 14.051 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.35 min

Lab File: BG036620.D

Acq: 8 Sep 2018 6:41

Tgt Ion: 70 Resp: 47812

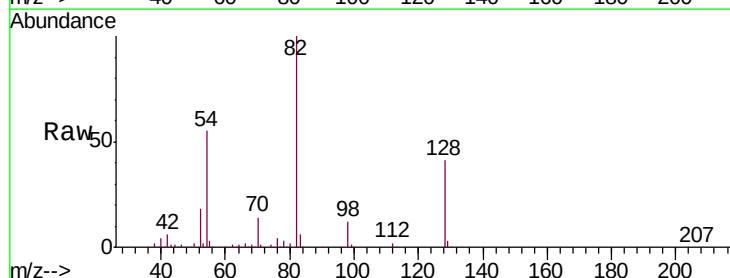
Ion Ratio Lower Upper

70 100

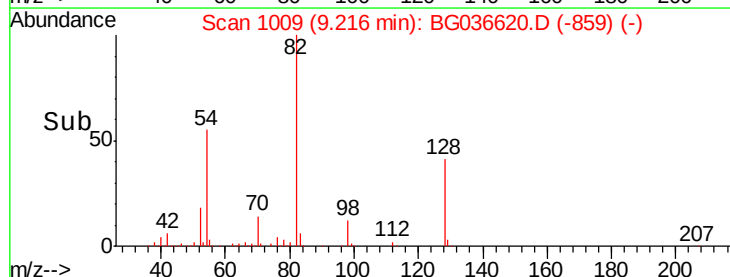
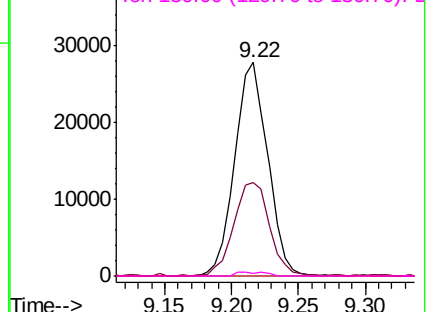
42 43.8 56.2 84.4#

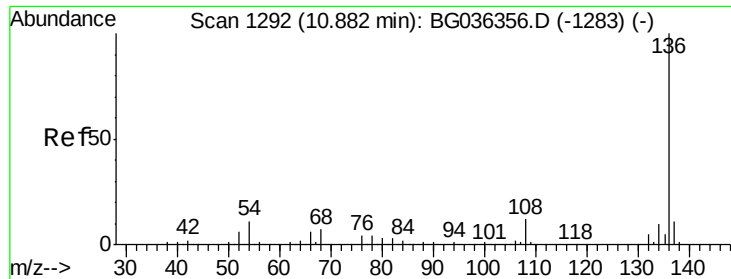
101 0.0 7.8 11.6#

130 1.4 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: 10.86 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BG036620.D

Acq: 8 Sep 2018 6:41

Instrument :

BNA_G

ClientSampleId :

OK-03-090618

Tgt Ion: 136 Resp: 222192

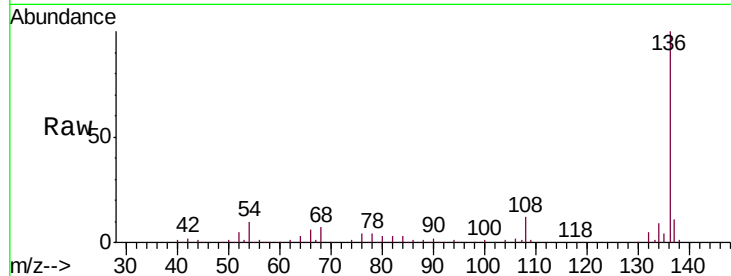
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 10.2 9.2 13.8

68 6.5 5.8 8.6

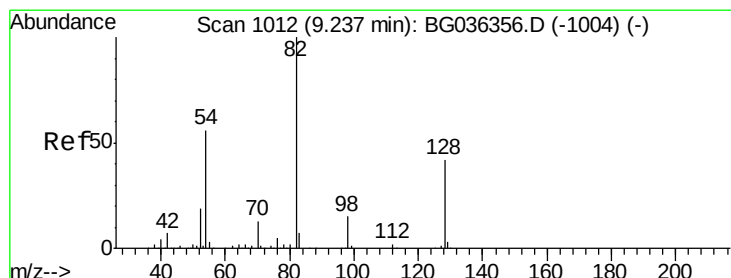
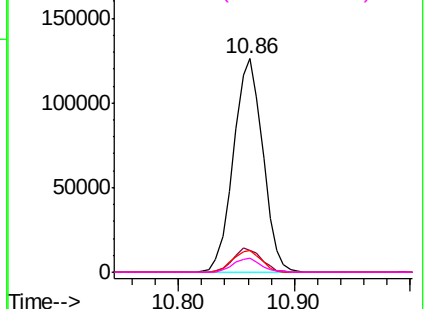
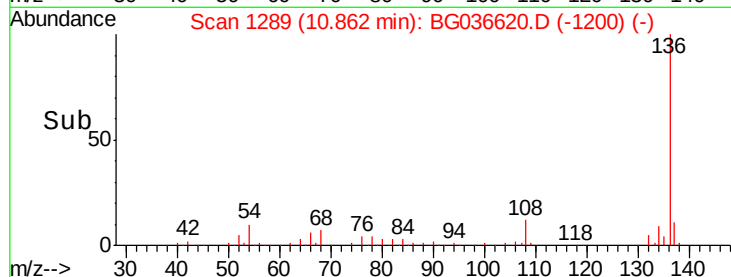


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.390 ng

RT: 9.22 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BG036620.D

Acq: 8 Sep 2018 6:41

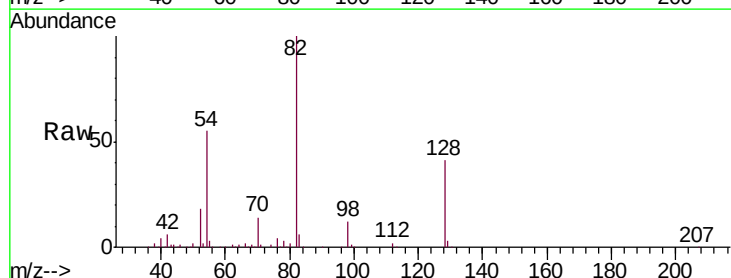
Tgt Ion: 82 Resp: 353786

Ion Ratio Lower Upper

82 100

128 41.3 33.3 49.9

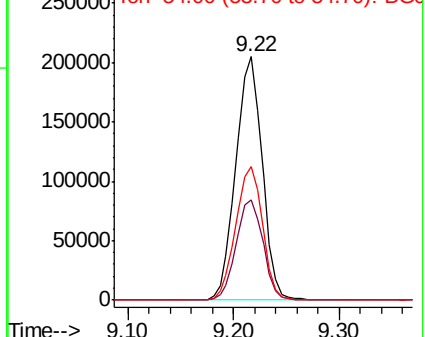
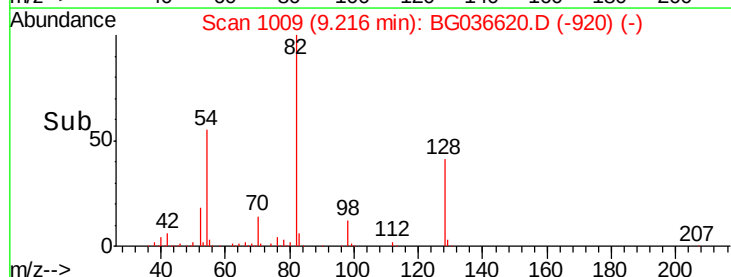
54 54.9 45.1 67.7

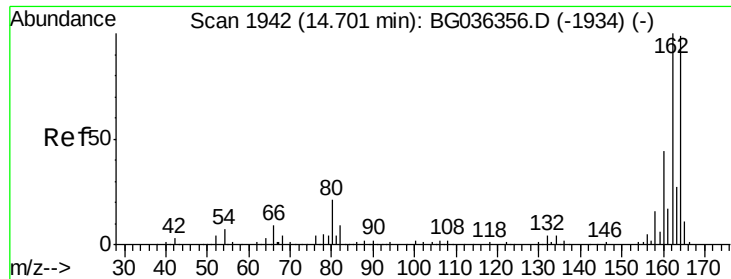


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: 14.68 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BG036620.D

Acq: 8 Sep 2018 6:41

Instrument :

BNA_G

ClientSampleId :

OK-03-090618

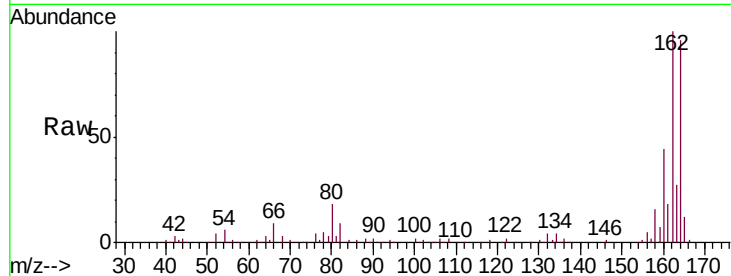
Tgt Ion:164 Resp: 149788

Ion Ratio Lower Upper

164 100

162 104.7 80.7 121.1

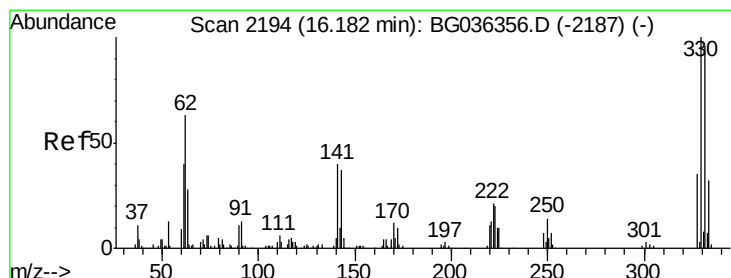
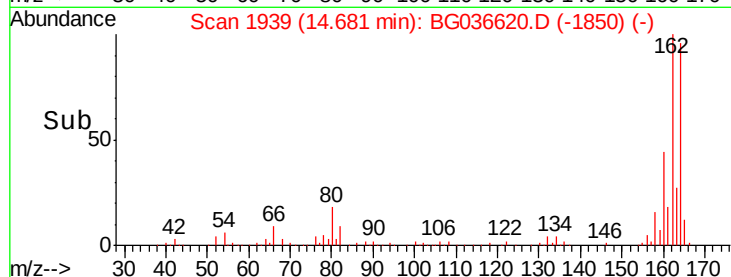
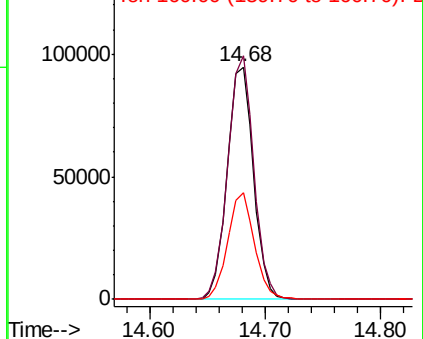
160 45.8 35.3 52.9



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: 112.648 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BG036620.D

Acq: 8 Sep 2018 6:41

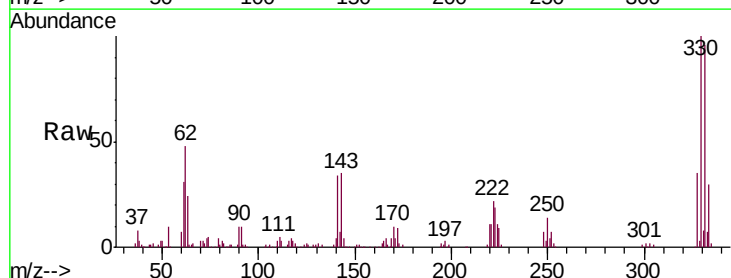
Tgt Ion:330 Resp: 201337

Ion Ratio Lower Upper

330 100

332 95.0 75.4 113.2

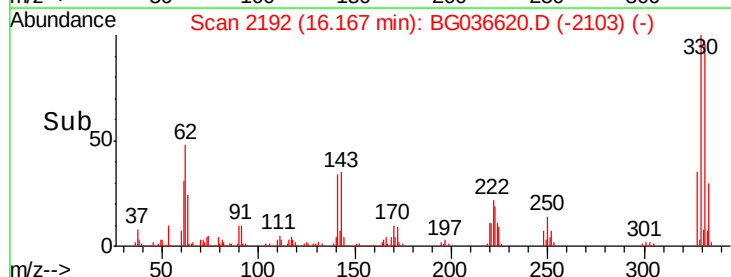
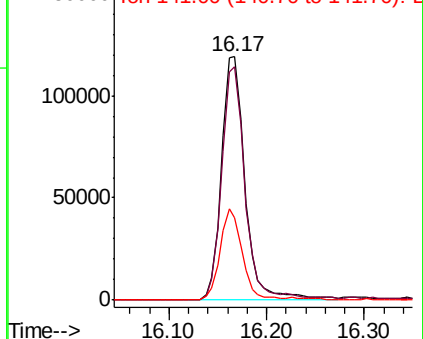
141 36.1 30.7 46.1

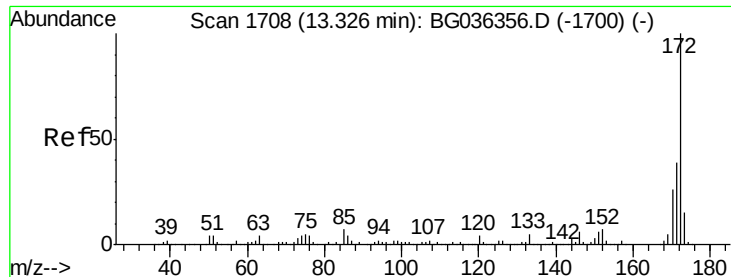


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

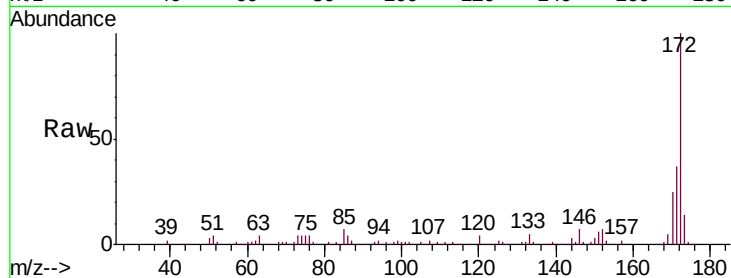




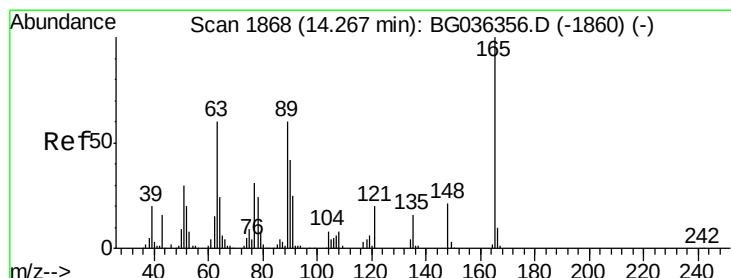
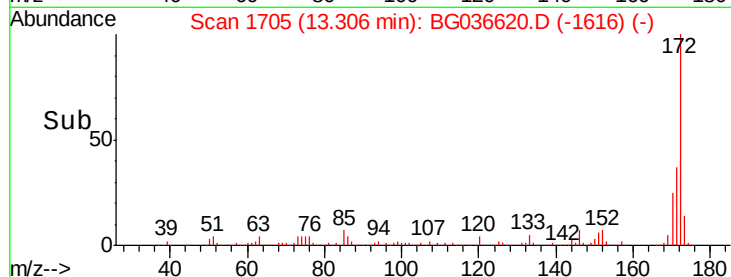
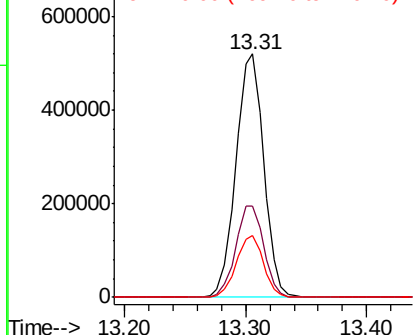
#44
 2-Fluorobiphenyl
 Concen: 79.844 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG036620.D
 Acq: 8 Sep 2018 6:41

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-090618

Tgt Ion:172 Resp: 837615
 Ion Ratio Lower Upper
 172 100
 171 37.5 31.3 46.9
 170 25.4 21.0 31.6

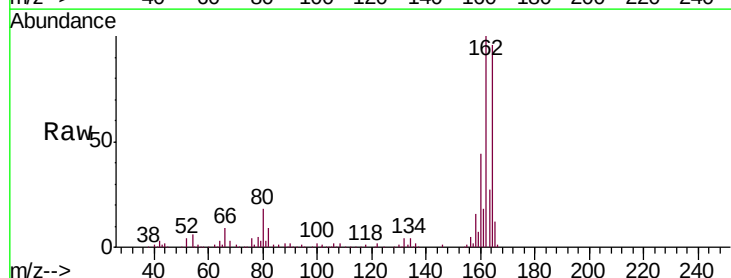


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

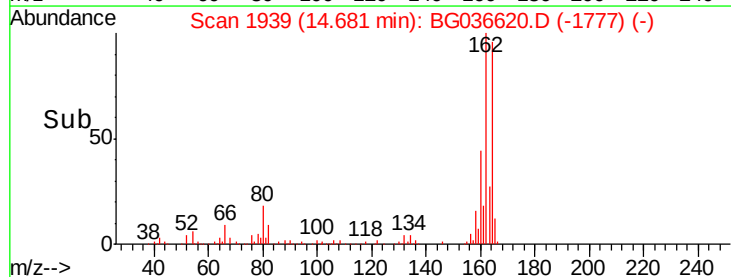
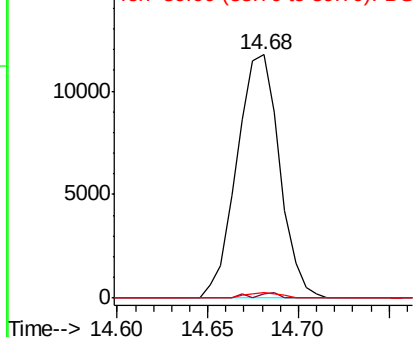


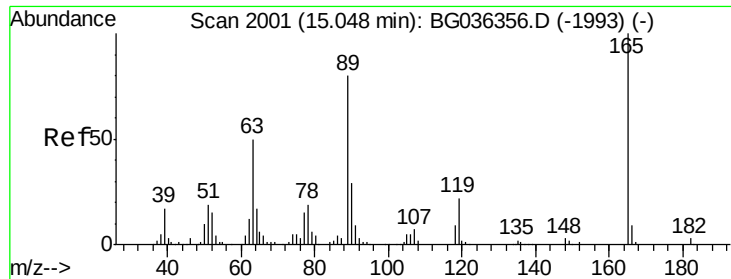
#50
 2,6-Dinitrotoluene
 Concen: 7.662 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. 0.42 min
 Lab File: BG036620.D
 Acq: 8 Sep 2018 6:41

Tgt Ion:165 Resp: 19283
 Ion Ratio Lower Upper
 165 100
 63 1.6 50.1 75.1#
 89 2.1 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

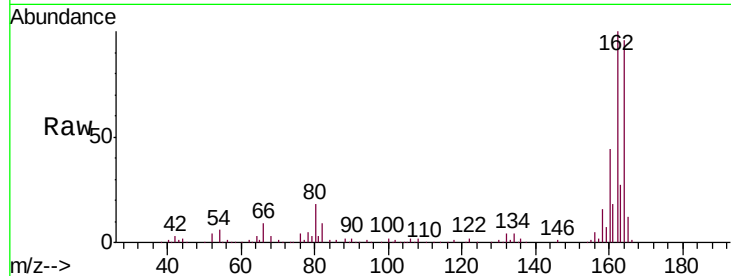




#56
 2,4-Dinitrotoluene
 Concen: 5.879 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.36 min
 Lab File: BG036620.D
 Acq: 8 Sep 2018 6:41

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-090618

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	40.1	60.1#
89	2.1	63.7	95.5#
182	0.0	2.5	3.7#

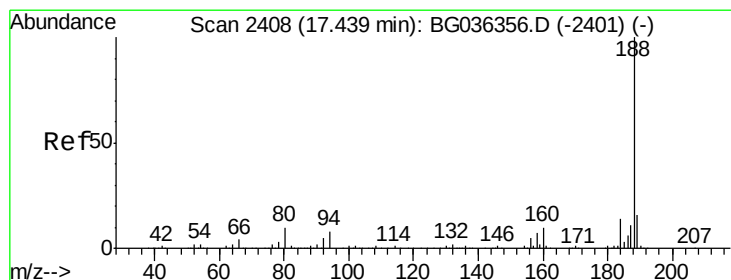
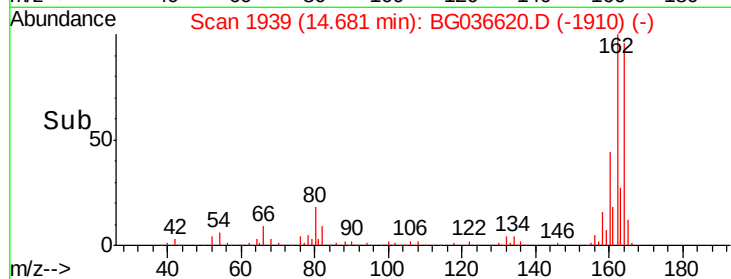
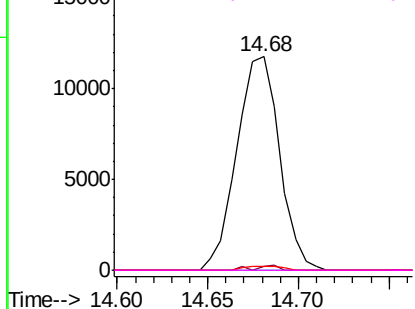


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

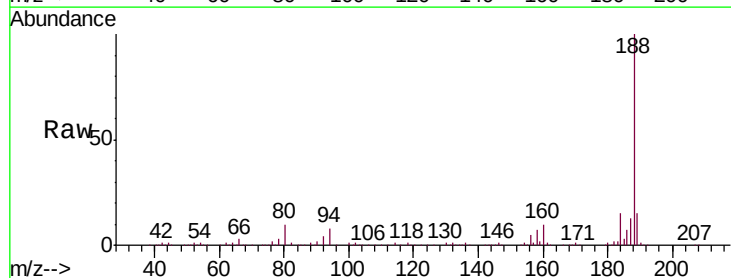
Ion 89.00 (88.70 to 89.70): BGC

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. -0.00 min
 Lab File: BG036620.D
 Acq: 8 Sep 2018 6:41

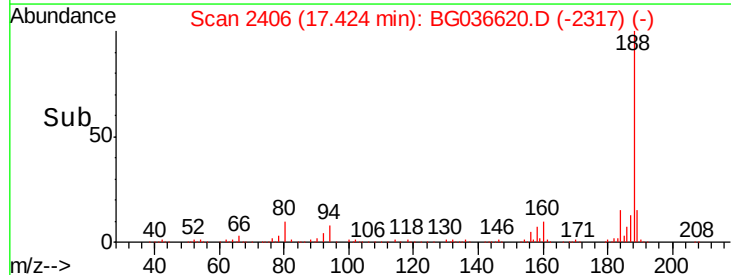
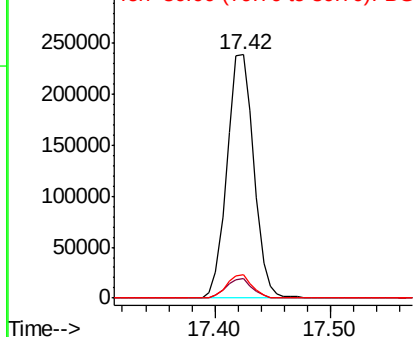
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.7	10.1
80	9.7	8.1	12.1

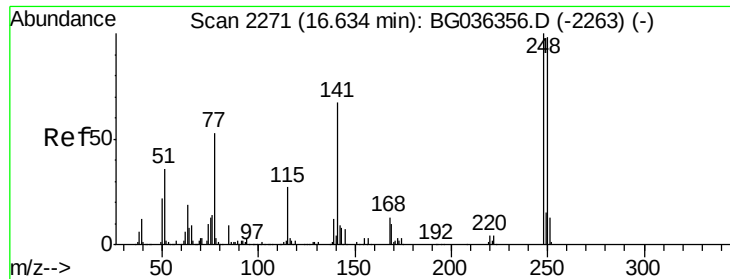


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

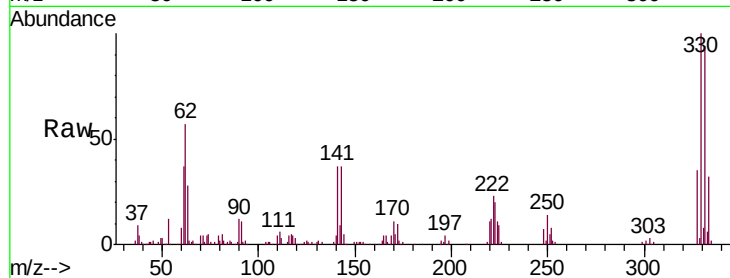




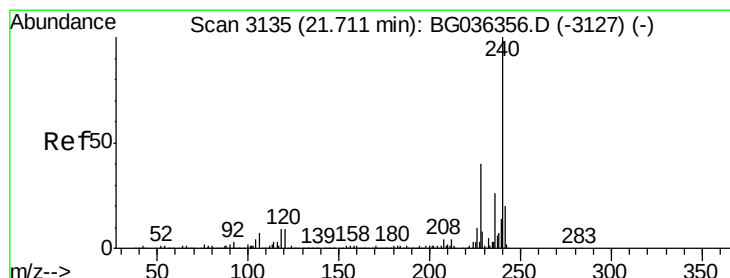
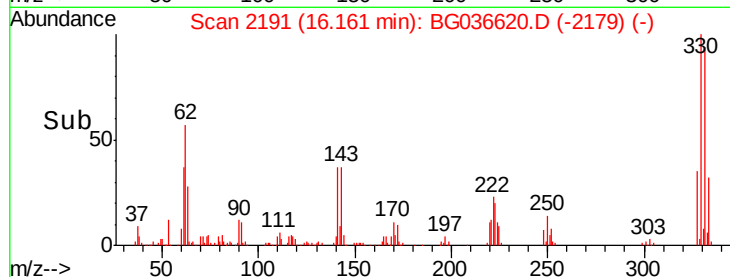
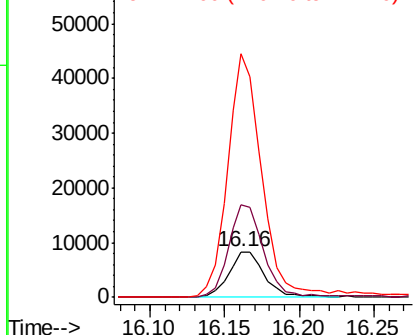
#66
 4-Bromophenyl-phenylether
 Concen: 3.038 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.46 min
 Lab File: BG036620.D
 Acq: 8 Sep 2018 6:41

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-090618

Tgt Ion:248 Resp: 13725
 Ion Ratio Lower Upper
 248 100
 250 200.9 78.1 117.1#
 141 531.0 53.7 80.5#

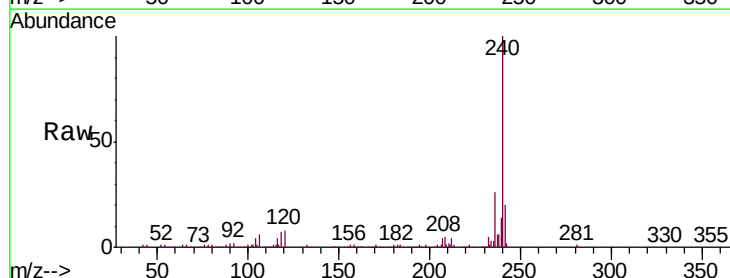


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

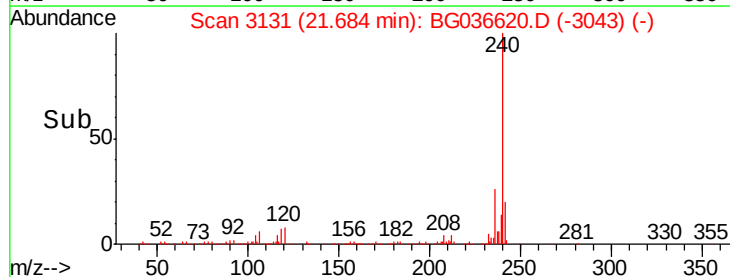
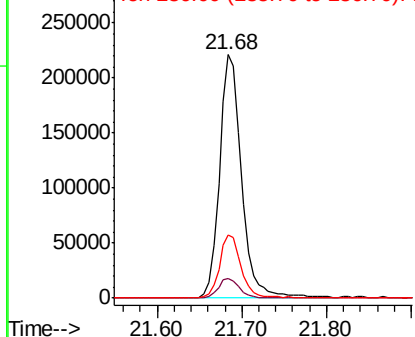


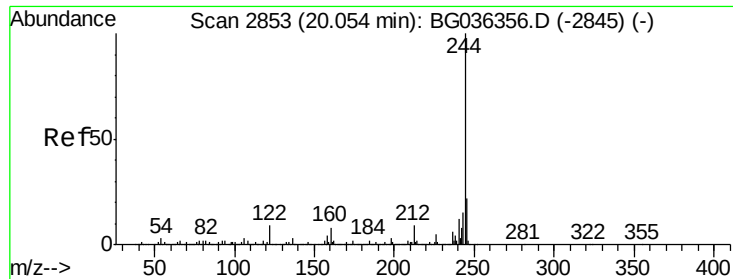
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BG036620.D
 Acq: 8 Sep 2018 6:41

Tgt Ion:240 Resp: 401258
 Ion Ratio Lower Upper
 240 100
 120 8.1 6.9 10.3
 236 26.1 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: 84.123 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036620.D

Acq: 8 Sep 2018 6:41

Instrument :

BNA_G

ClientSampleId :

OK-03-090618

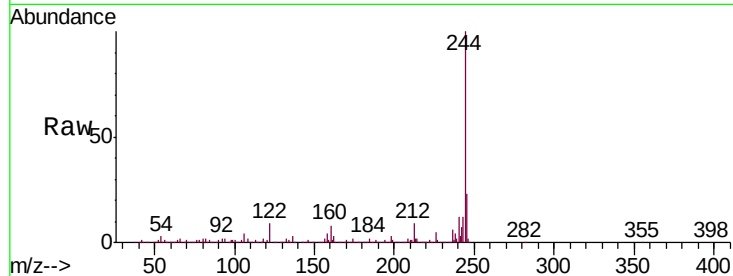
Tgt Ion:244 Resp: 1444161

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

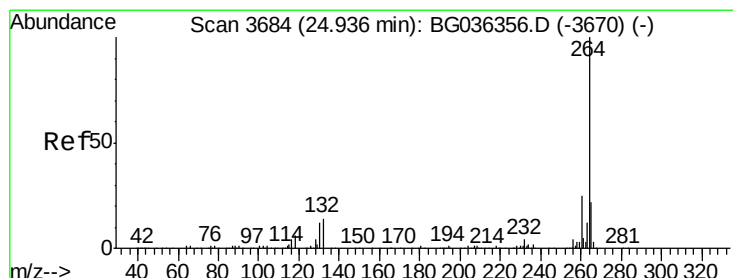
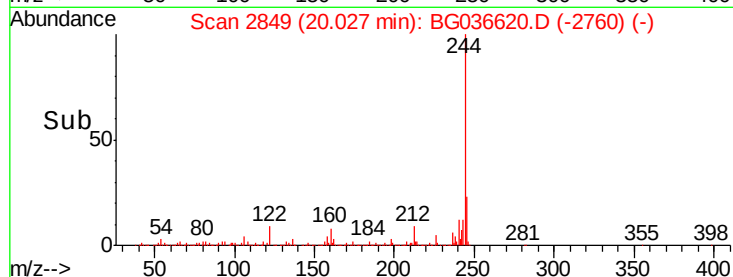
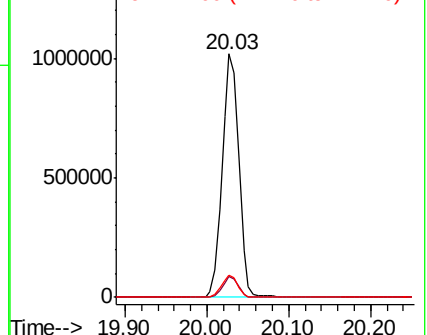
122 9.2 7.1 10.7



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: 24.90 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BG036620.D

Acq: 8 Sep 2018 6:41

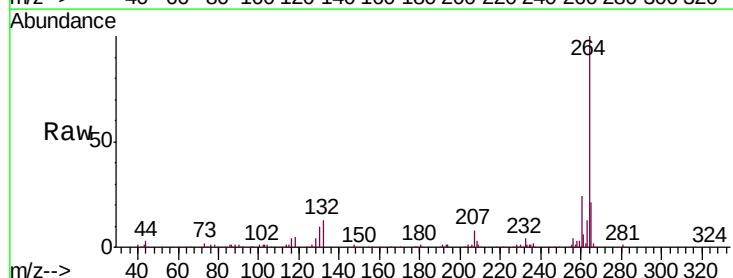
Tgt Ion:264 Resp: 333408

Ion Ratio Lower Upper

264 100

260 24.3 19.6 29.4

265 21.4 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

