

Data File : BG036586.D
Acq On : 7 Sep 2018 2:00
Operator : JU/SJ
Sample : PB112644BL
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB112644BL

Quant Time: Sep 07 04:35:22 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

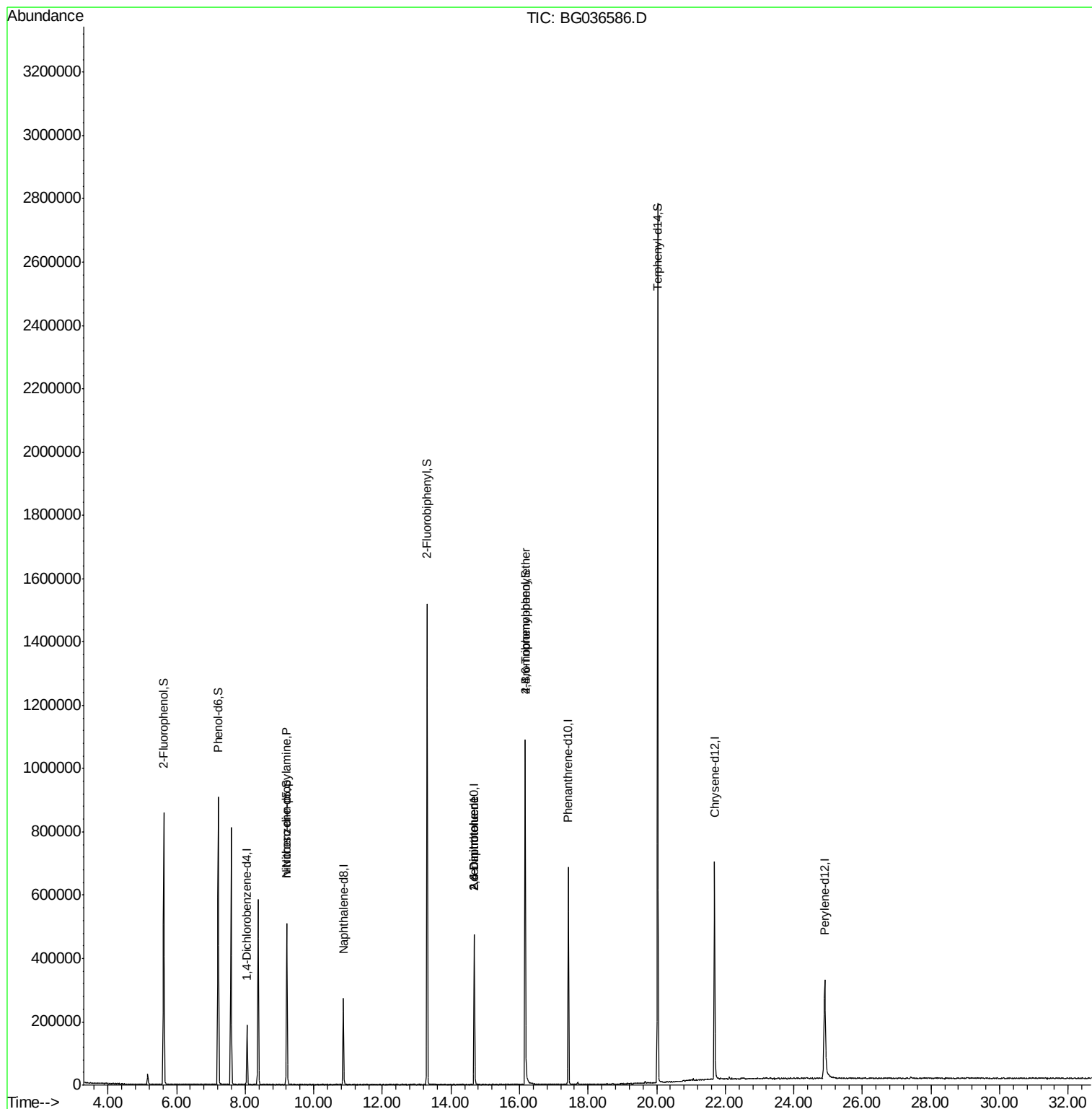
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	55242	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	234199	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	167673	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	438025	20.00	ng	0.00
75) Chrysene-d12	21.69	240	453614	20.00	ng	0.00
86) Perylene-d12	24.90	264	428952	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	364571	104.69	ng	0.00
7) Phenol-d6	7.21	99	520269	104.35	ng	0.00
23) Nitrobenzene-d5	9.22	82	311907	72.26	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	212580	106.25	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	790181	67.29	ng	0.00
78) Terphenyl-d14	20.03	244	1374987	70.85	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	40123	10.767	ng	# 71
50) 2,6-Dinitrotoluene	14.68	165	21393	7.593	ng	# 20
56) 2,4-Dinitrotoluene	14.68	165	21393	5.826	ng	# 18
66) 4-Bromophenyl-phenylether	16.17	248	14108	2.751	ng	# 1

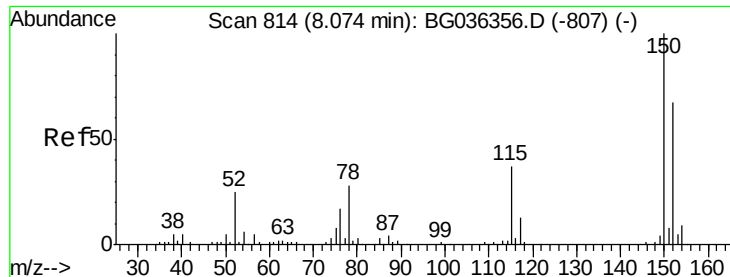
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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Instrument :

BNA_G

ClientSampleId :

PB112644BL

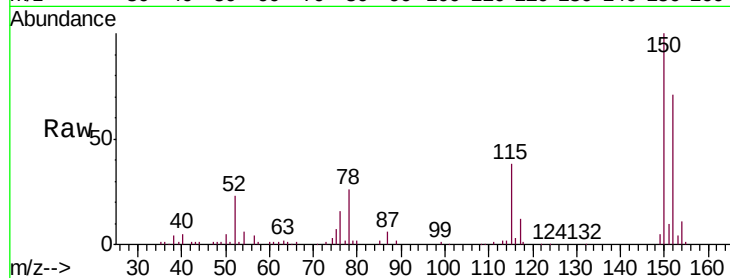
Tgt Ion:152 Resp: 55242

Ion Ratio Lower Upper

152 100

150 140.7 119.5 179.3

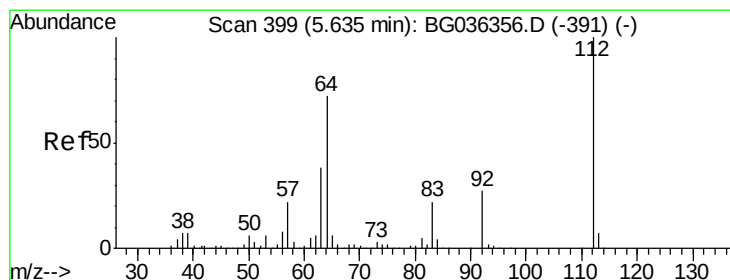
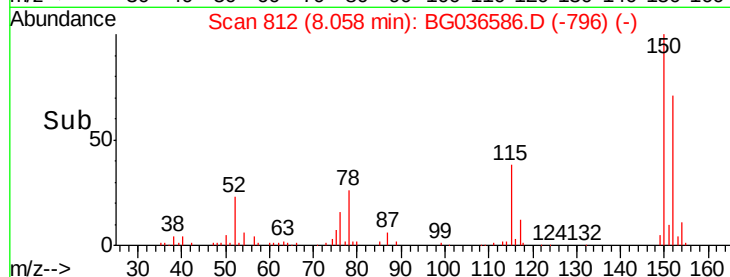
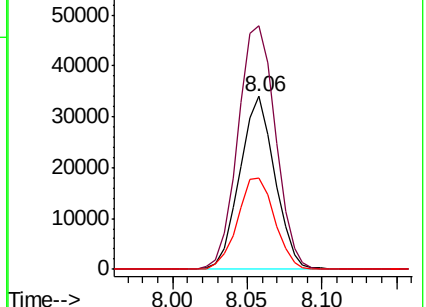
115 53.0 44.5 66.7



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: 104.688 ng

RT: 5.63 min Scan# 398

Delta R.T. 0.00 min

Lab File: BG036586.D

Acq: 7 Sep 2018 2:00

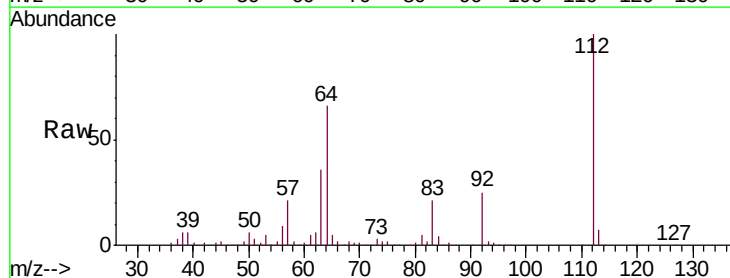
Tgt Ion:112 Resp: 364571

Ion Ratio Lower Upper

112 100

64 65.9 57.2 85.8

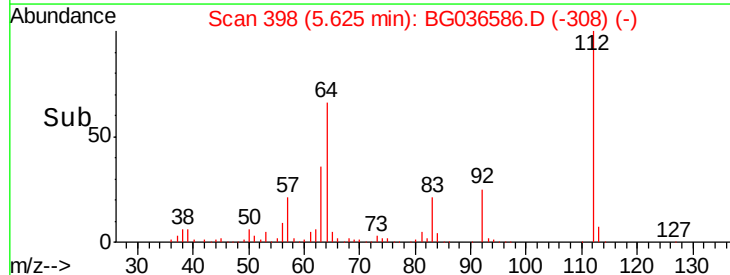
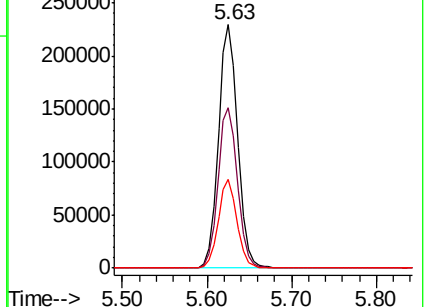
63 36.4 30.8 46.2

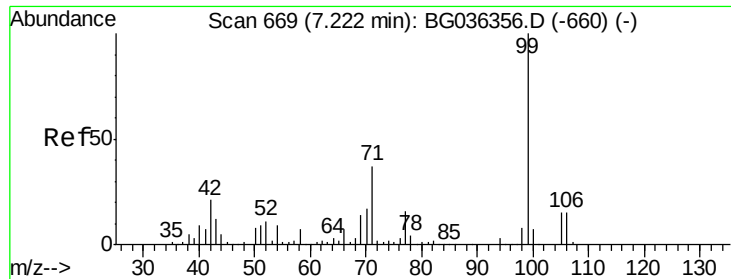


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 104.346 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036586.D

Acq: 7 Sep 2018 2:00

Instrument :

BNA_G

ClientSampleId :

PB112644BL

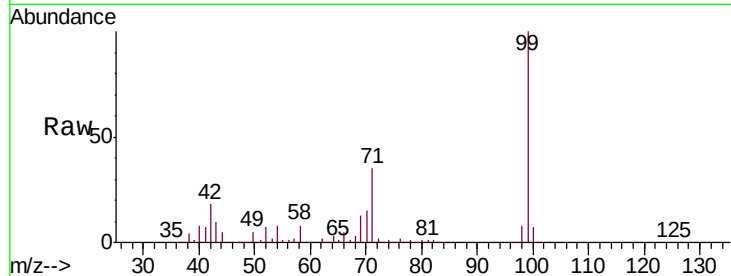
Tgt Ion: 99 Resp: 520269

Ion Ratio Lower Upper

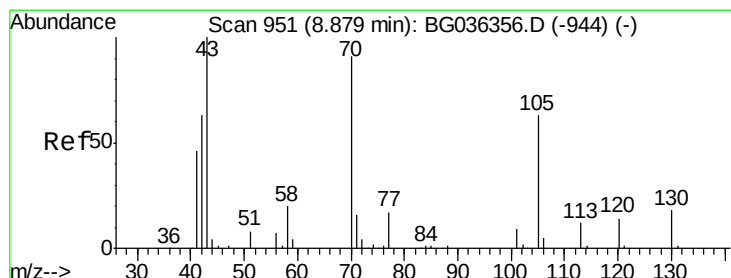
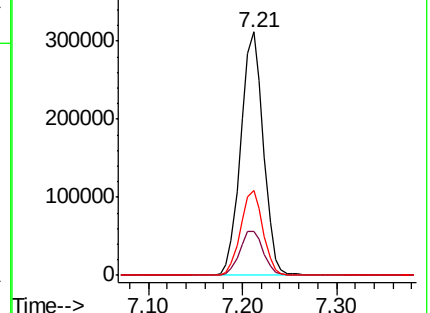
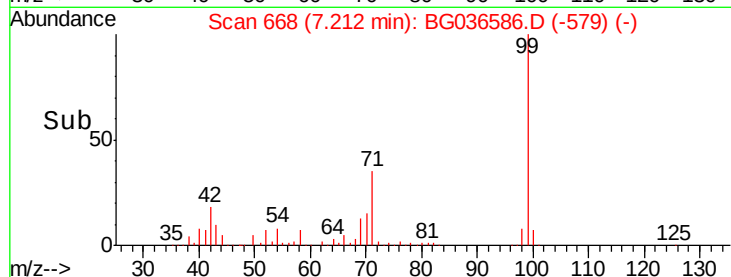
99 100

42 18.2 16.5 24.7

71 34.7 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: 10.767 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.35 min

Lab File: BG036586.D

Acq: 7 Sep 2018 2:00

Tgt Ion: 70 Resp: 40123

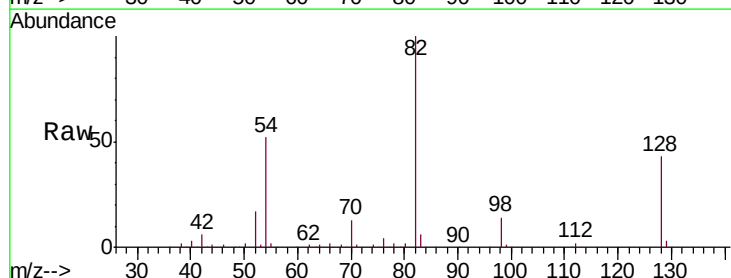
Ion Ratio Lower Upper

70 100

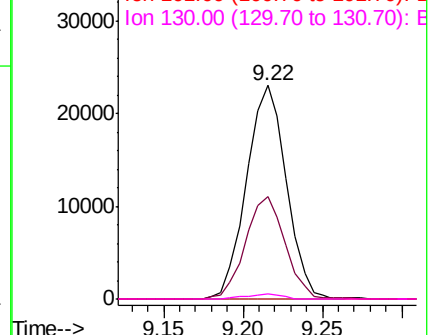
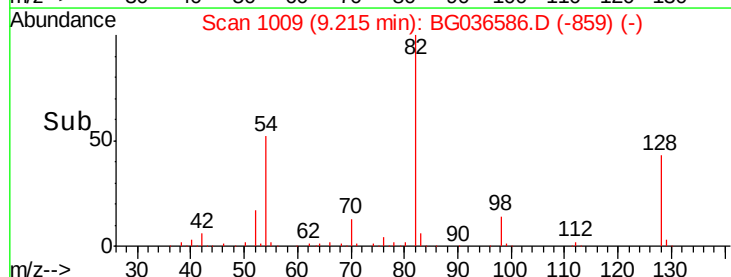
42 48.2 56.2 84.4#

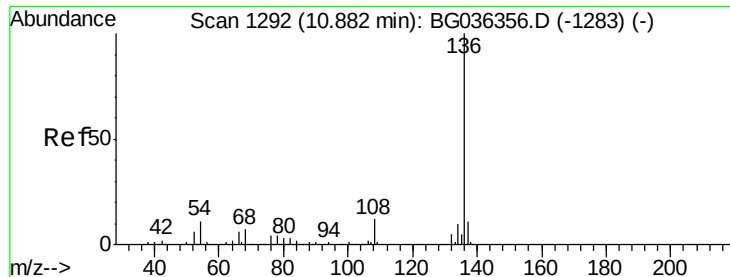
101 0.0 7.8 11.6#

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

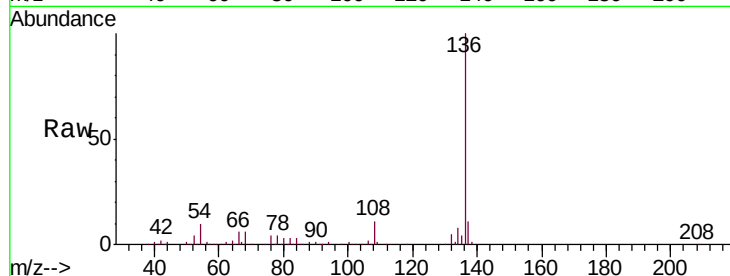




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BG036586.D
Acq: 7 Sep 2018 2:00

Instrument :
BNA_G
ClientSampleId :
PB112644BL

Tgt Ion:	136	Resp:	234199
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	10.1	9.2	13.8
68	5.6	5.8	8.6#



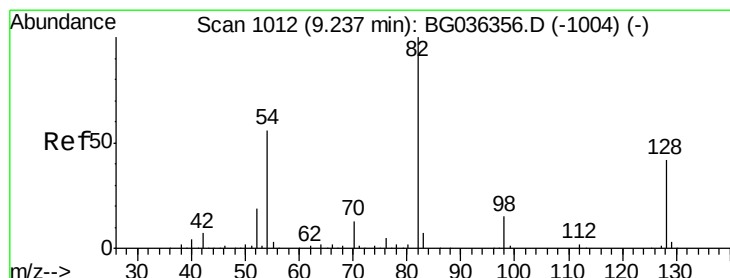
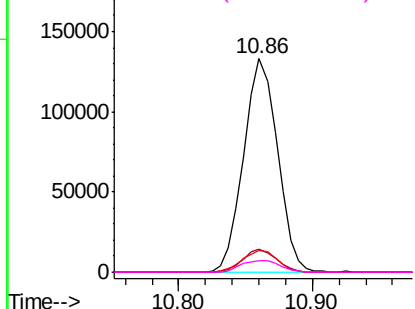
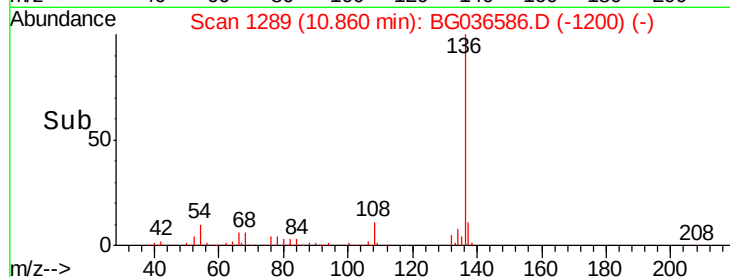
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

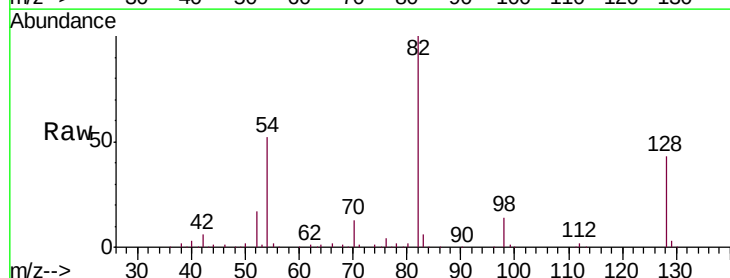
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23
Nitrobenzene-d5
Concen: 72.259 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BG036586.D
Acq: 7 Sep 2018 2:00

Tgt Ion:	82	Resp:	311907
Ion	Ratio	Lower	Upper
82	100		
128	42.9	33.3	49.9
54	51.8	45.1	67.7

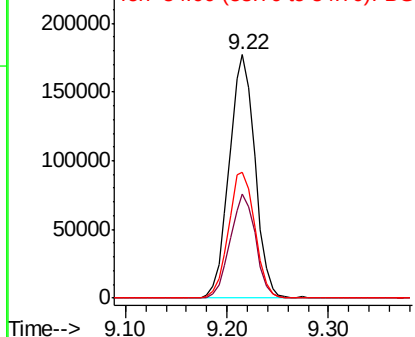
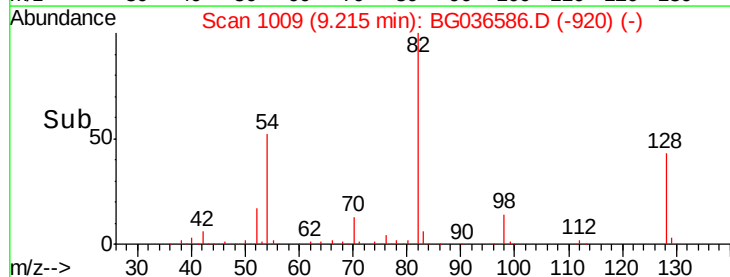


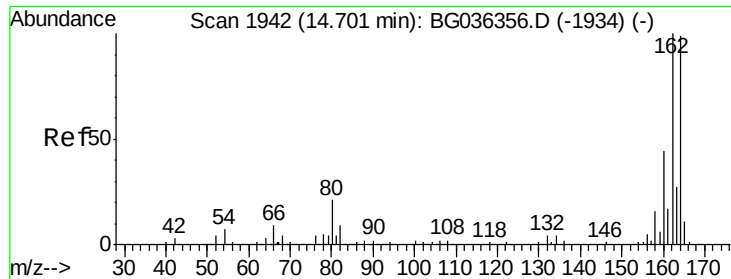
Abundance

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. -0.01 min

Lab File: BG036586.D

Acq: 7 Sep 2018 2:00

Instrument :

BNA_G

ClientSampleId :

PB112644BL

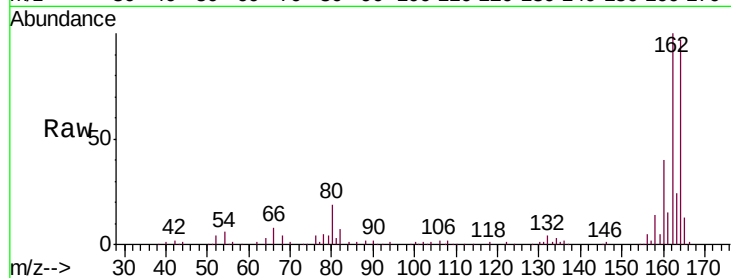
Tgt Ion:164 Resp: 167673

Ion Ratio Lower Upper

164 100

162 103.2 80.7 121.1

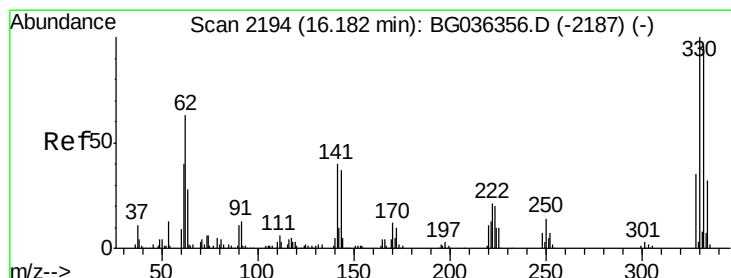
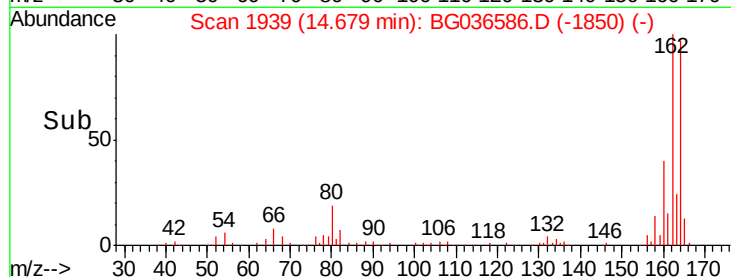
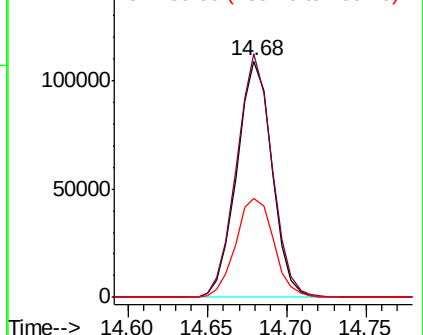
160 41.8 35.3 52.9



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: 106.252 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BG036586.D

Acq: 7 Sep 2018 2:00

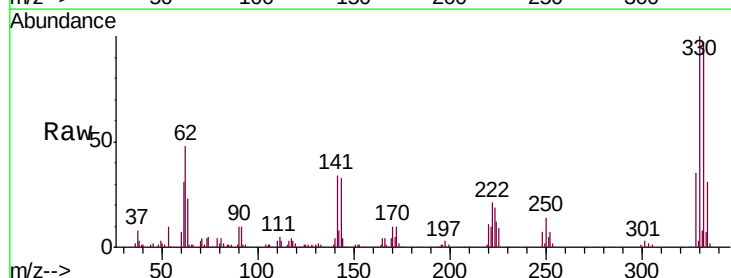
Tgt Ion:330 Resp: 212580

Ion Ratio Lower Upper

330 100

332 96.6 75.4 113.2

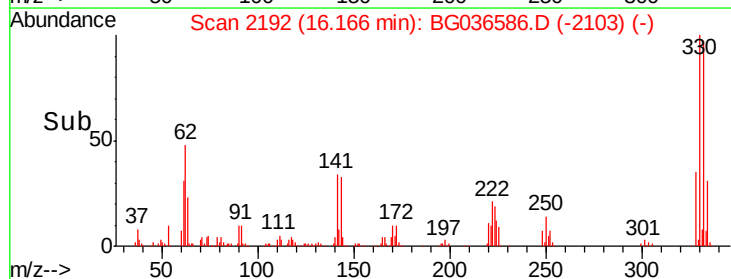
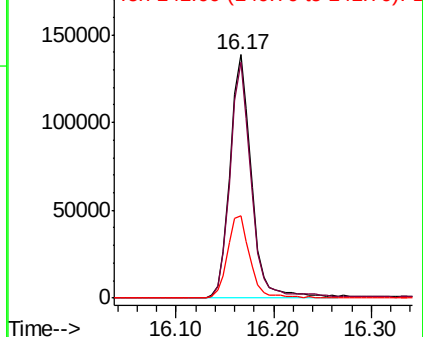
141 35.6 30.7 46.1

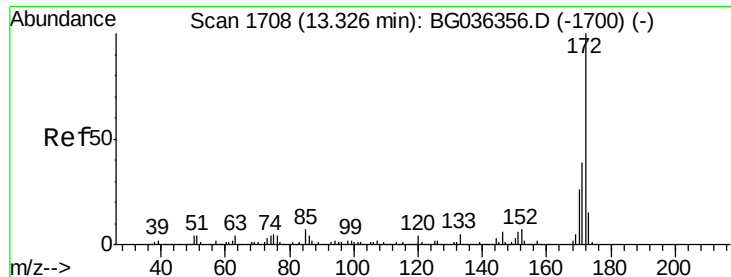


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

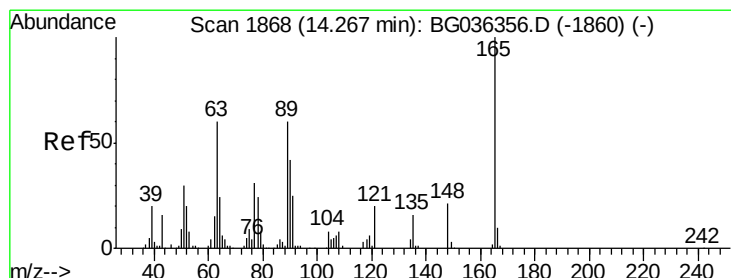
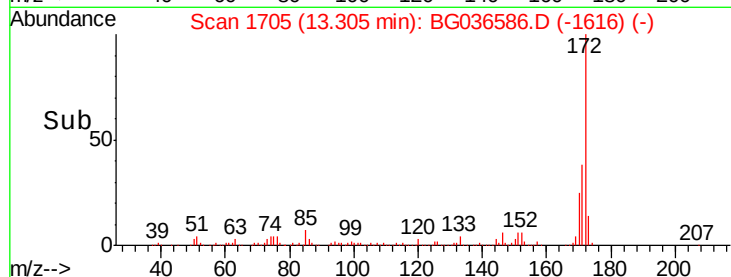
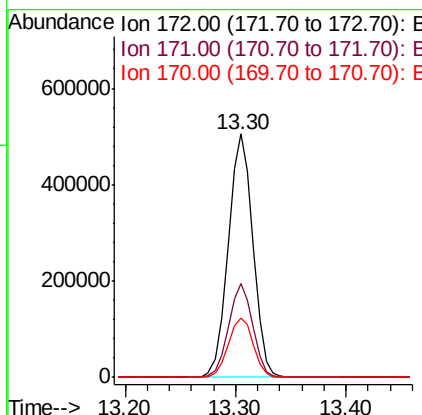
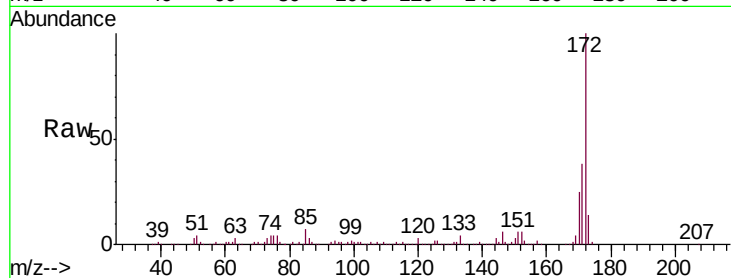




#44
 2-Fluorobiphenyl
 Concen: 67.288 ng
 RT: 13.30 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BG036586.D
 Acq: 7 Sep 2018 2:00

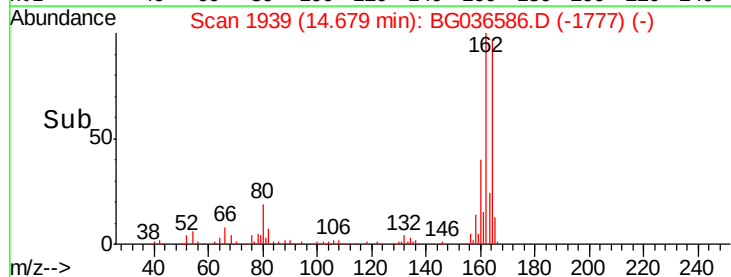
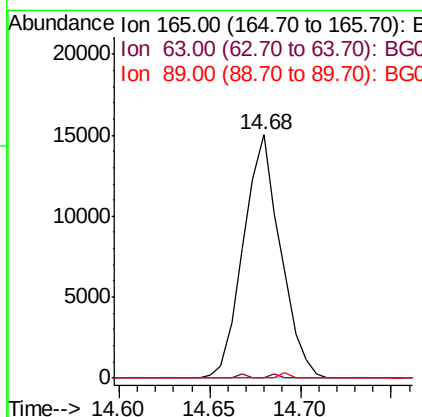
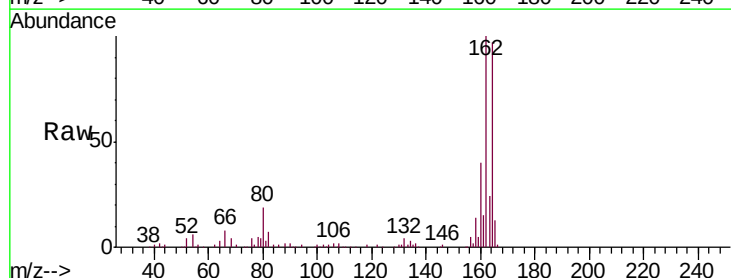
Instrument :
 BNA_G
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 PB112644BL

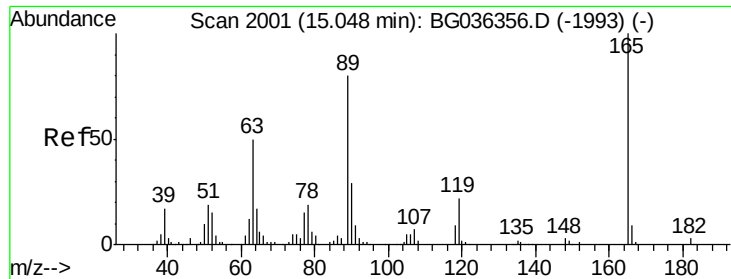
Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.3	46.9
170	24.6	21.0	31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.593 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. 0.42 min
 Lab File: BG036586.D
 Acq: 7 Sep 2018 2:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	50.1	75.1#
89	0.0	47.8	71.6#

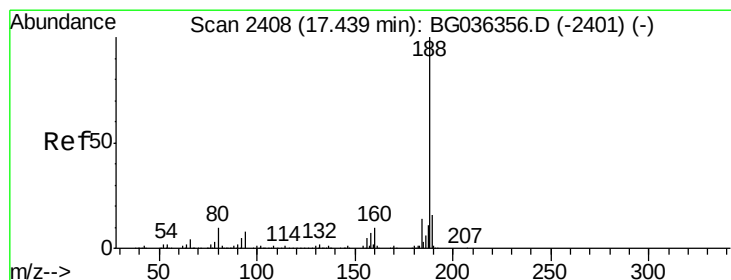
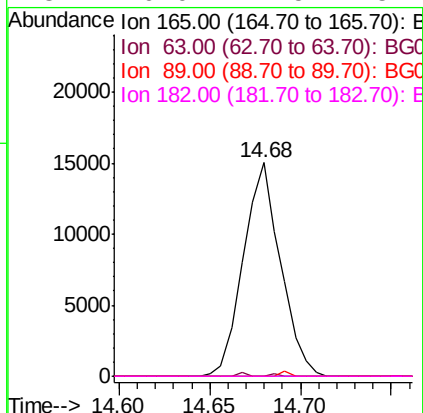
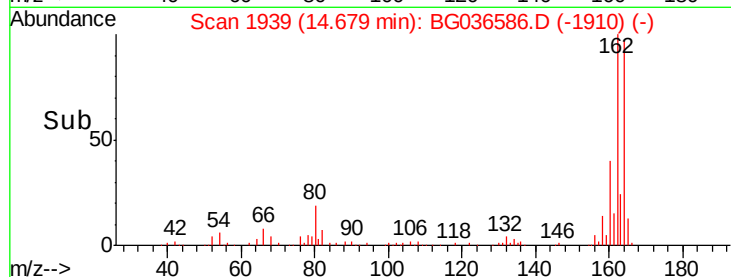
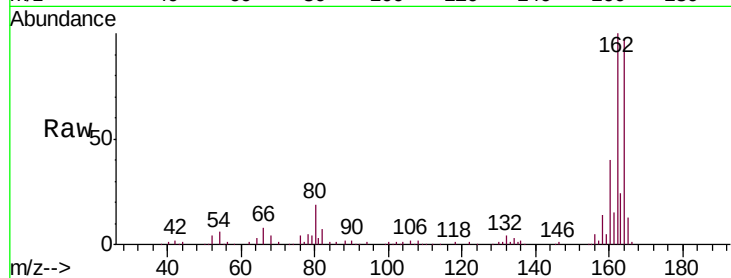




#56
 2,4-Dinitrotoluene
 Concen: 5.826 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.36 min
 Lab File: BG036586.D
 Acq: 7 Sep 2018 2:00

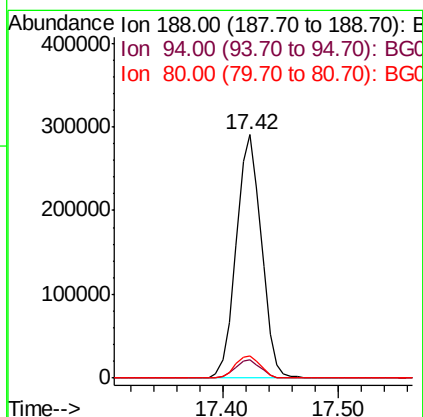
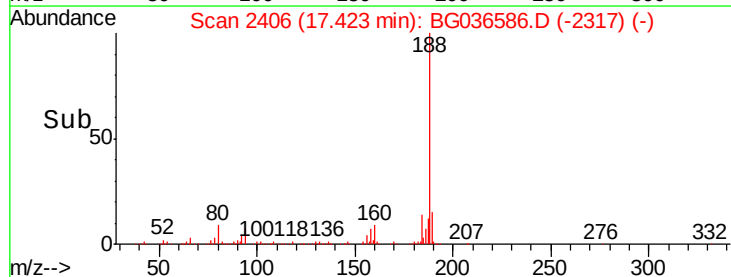
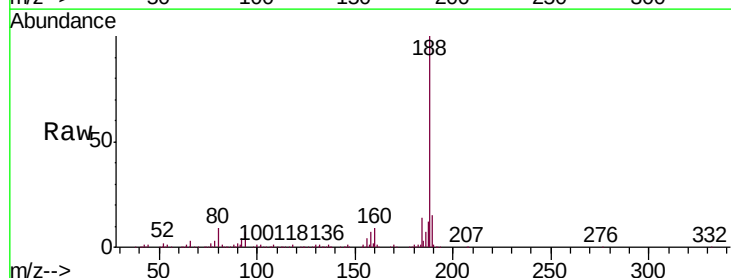
Instrument :
 BNA_G
 ClientSampleId :
 PB112644BL

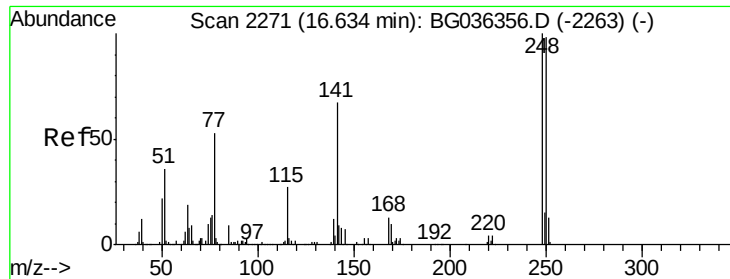
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	0.0	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BG036586.D
 Acq: 7 Sep 2018 2:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.7	10.1
80	9.2	8.1	12.1

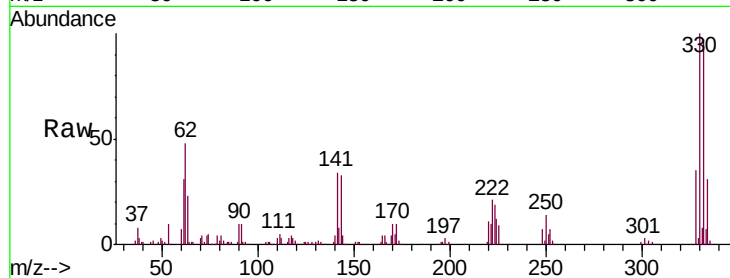




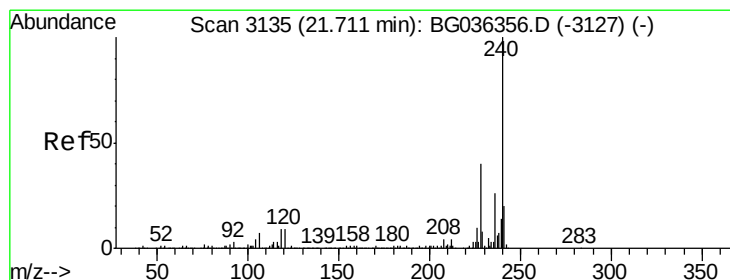
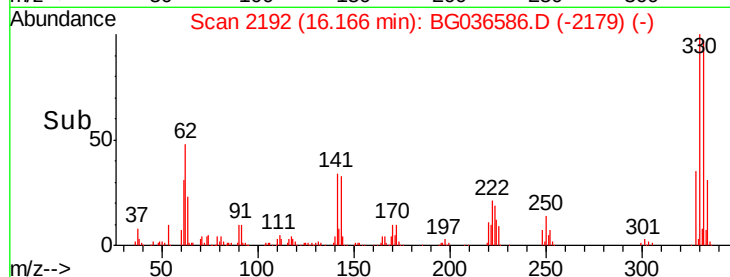
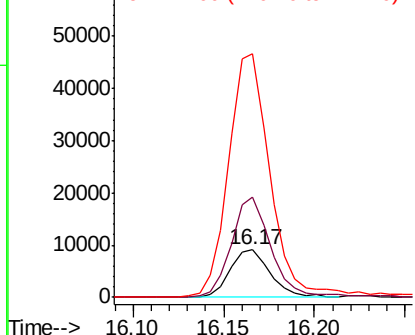
#66
 4-Bromophenyl-phenylether
 Concen: 2.751 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.45 min
 Lab File: BG036586.D
 Acq: 7 Sep 2018 2:00

Instrument :
 BNA_G
 ClientSampleId :
 PB112644BL

Tgt Ion:248 Resp: 14108
 Ion Ratio Lower Upper
 248 100
 250 210.3 78.1 117.1#
 141 513.7 53.7 80.5#

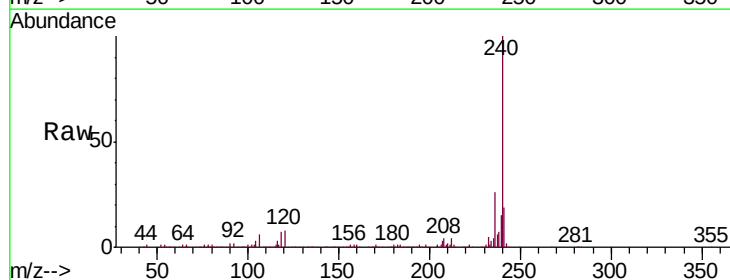


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

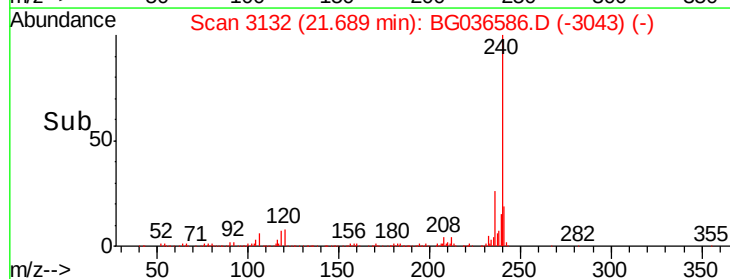
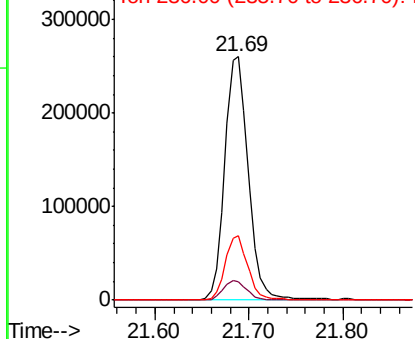


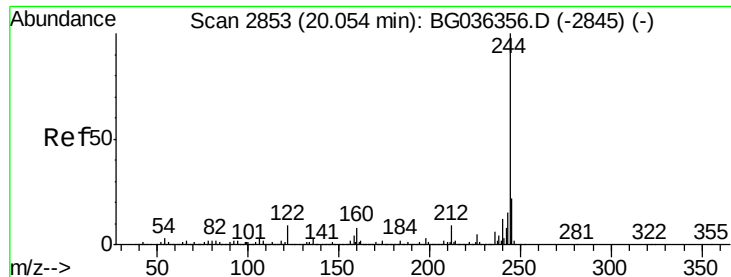
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3132
 Delta R.T. -0.01 min
 Lab File: BG036586.D
 Acq: 7 Sep 2018 2:00

Tgt Ion:240 Resp: 453614
 Ion Ratio Lower Upper
 240 100
 120 7.7 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





#78

Terphenyl-d14

Concen: 70.849 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG036586.D

Acq: 7 Sep 2018 2:00

Instrument :

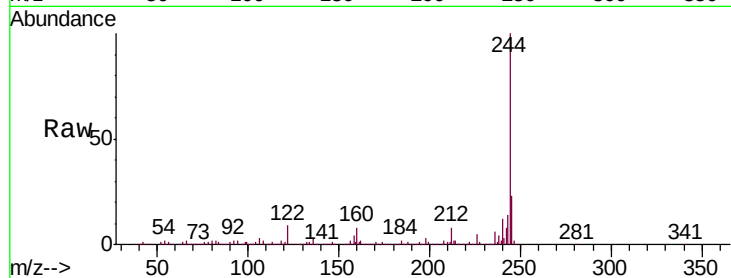
BNA_G

ClientSampleId :

PB112644BL

Tgt Ion:244 Resp: 1374987

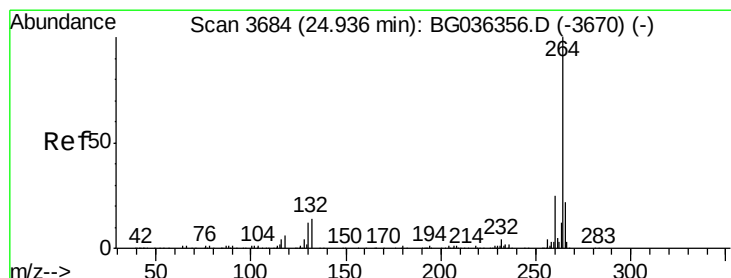
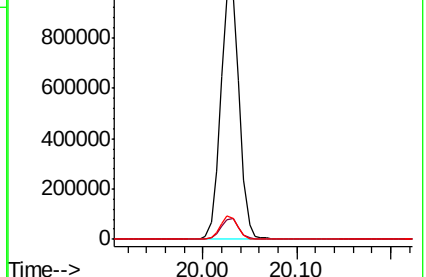
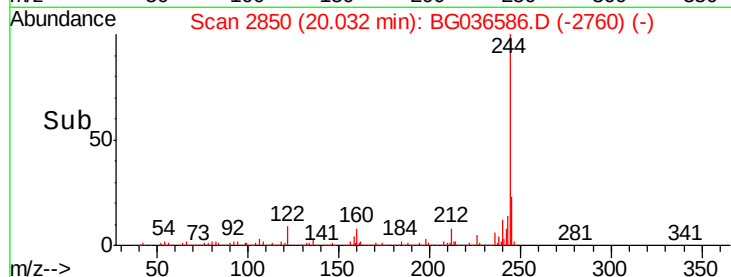
Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.6
122	8.6	7.1	10.7



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

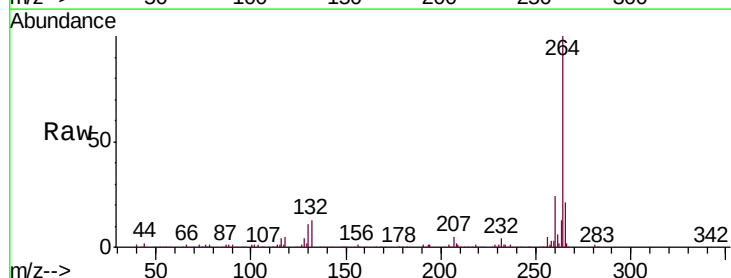
Delta R.T. -0.01 min

Lab File: BG036586.D

Acq: 7 Sep 2018 2:00

Tgt Ion:264 Resp: 428952

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	21.0	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

