

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
 Data File : BG036796.D
 Acq On : 18 Sep 2018 21:45
 Operator : JU/SJ
 Sample : J4922-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 19 05:54:15 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

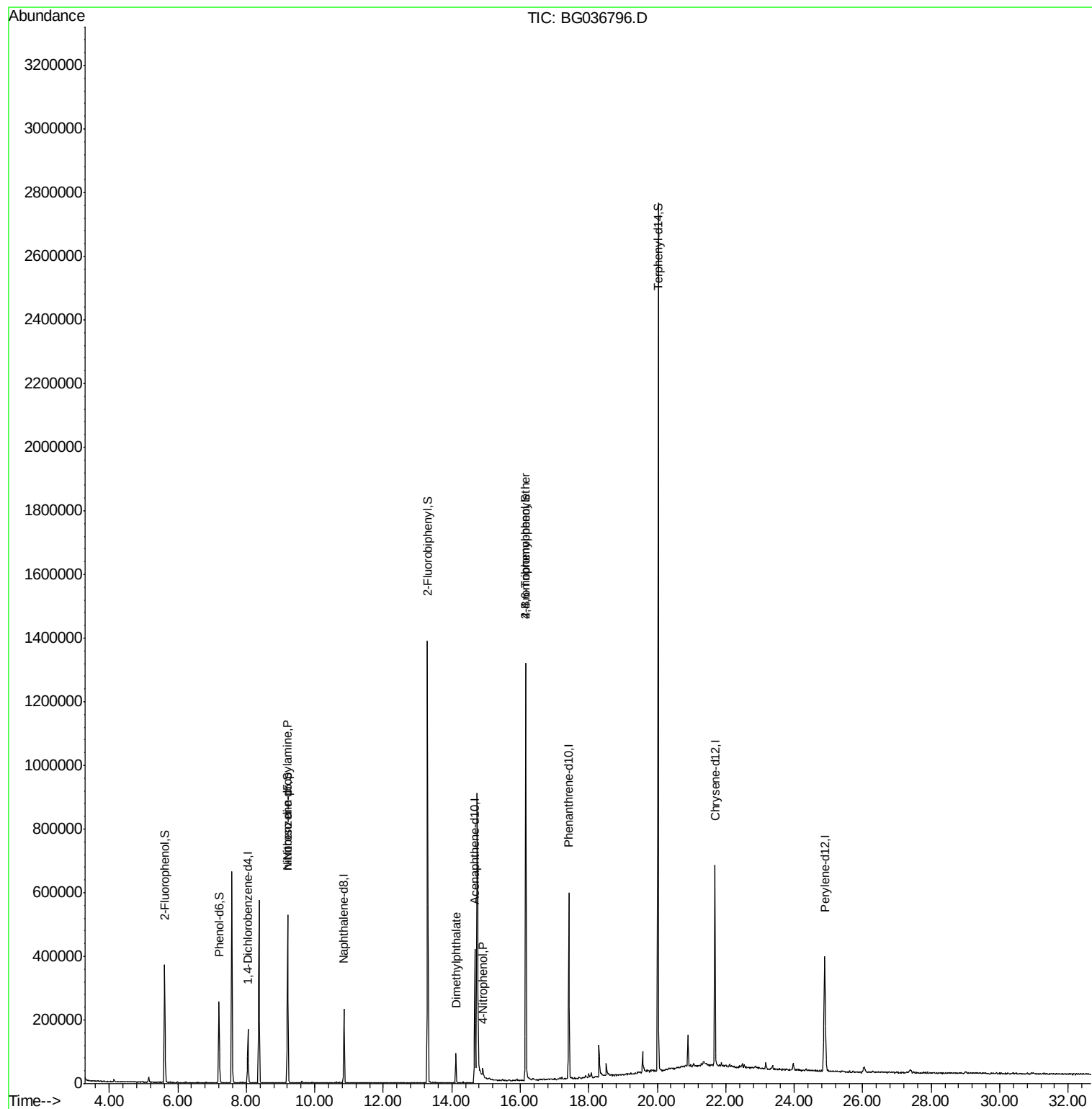
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	46898	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	200611	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	141360	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	374177	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	380873	20.00	ng	-0.01
86) Perylene-d12	24.89	264	394835	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	162152	54.85	ng	-0.01
7) Phenol-d6	7.20	99	146129	34.52	ng	-0.02
23) Nitrobenzene-d5	9.21	82	318529	86.15	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	249195	147.74	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	744147	75.16	ng	-0.02
78) Terphenyl-d14	20.03	244	1320060	81.01	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	41916	13.250	ng	# 73
49) Dimethylphthalate	14.12	163	64275	5.568	ng	100
55) 4-Nitrophenol	14.90	139	7723	3.690	ng	# 10
66) 4-Bromophenyl-phenylether	16.16	248	17800	4.063	ng	# 1

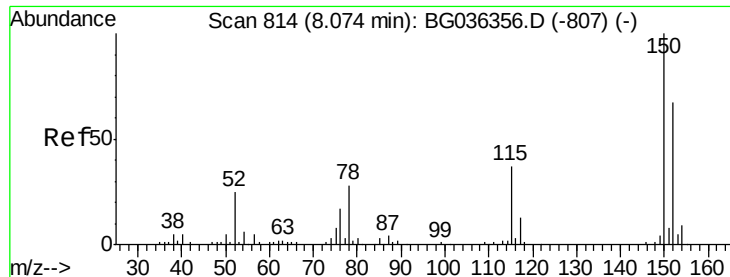
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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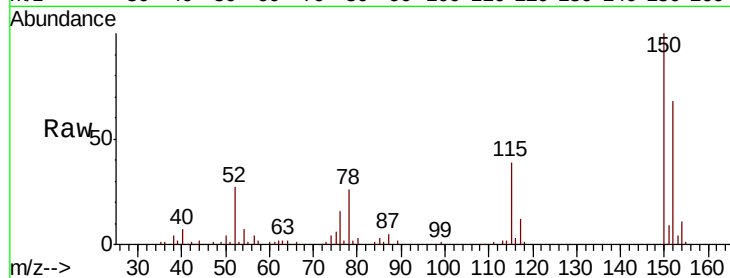


#1

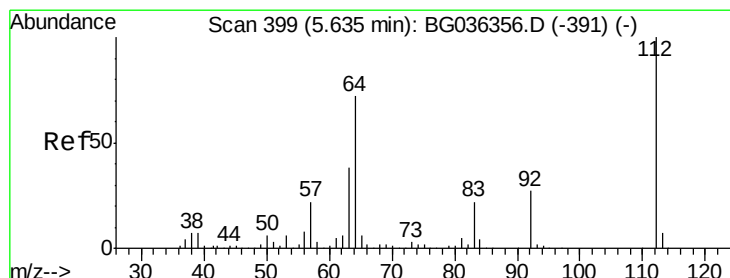
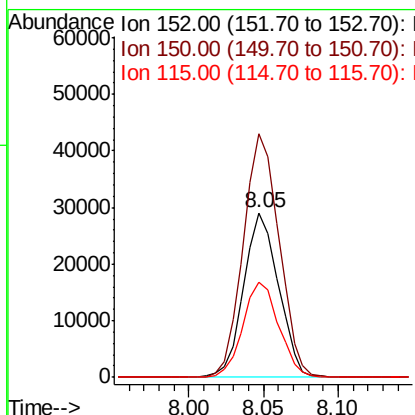
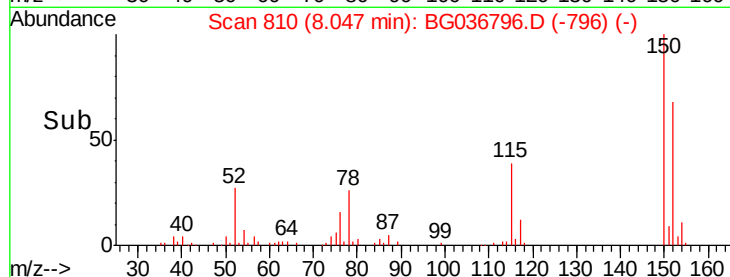
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.02 min
Lab File: BG036796.D
Acq: 18 Sep 2018 21:45

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 46898
Ion Ratio Lower Upper
152 100
150 147.7 119.5 179.3
115 57.6 44.5 66.7



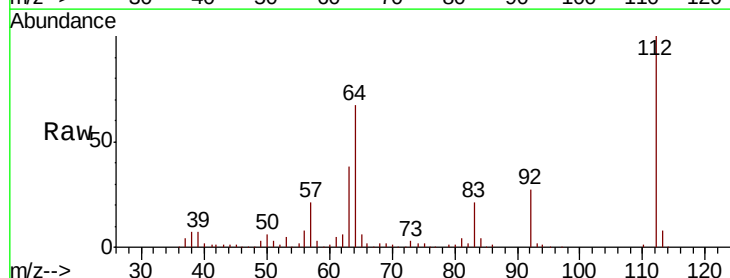
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



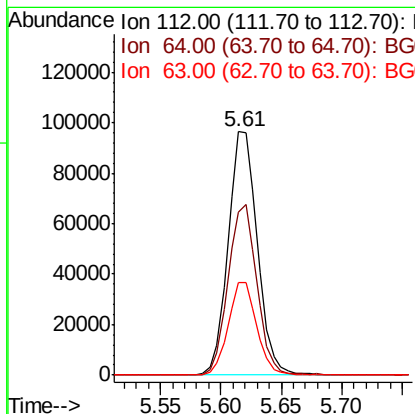
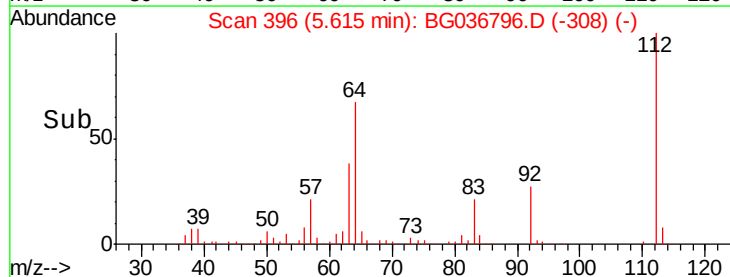
#5

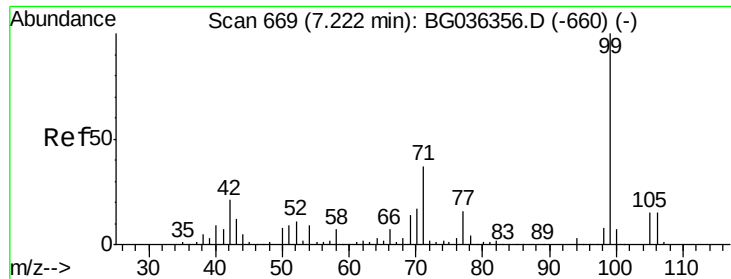
2-Fluorophenol
Concen: 54.847 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG036796.D
Acq: 18 Sep 2018 21:45

Tgt Ion:112 Resp: 162152
Ion Ratio Lower Upper
112 100
64 67.2 57.2 85.8
63 38.0 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: 34.522 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.02 min

Lab File: BG036796.D

Acq: 18 Sep 2018 21:45

Instrument :

BNA_G

ClientSampled :

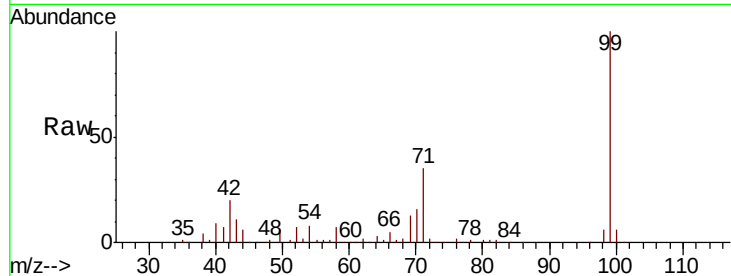
Tot Ion: 99 Resp: 146129

Ion Ratio Lower Upper

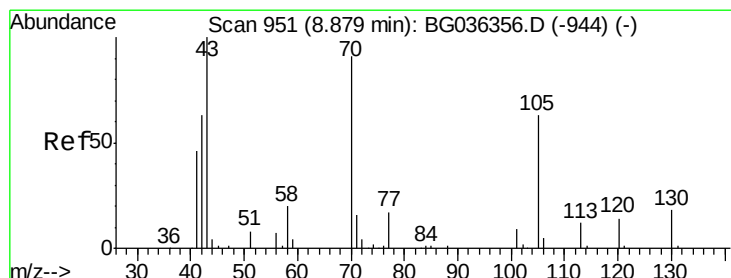
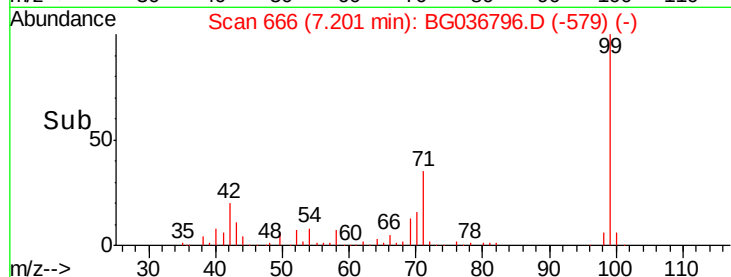
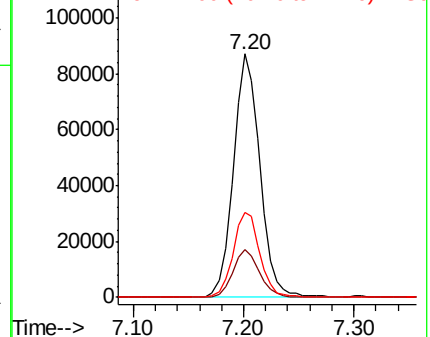
99 100

42 19.9 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: 13.250 ng

RT: 9.20 min Scan# 1007

Delta R.T. 0.34 min

Lab File: BG036796.D

Acq: 18 Sep 2018 21:45

Tgt Ion: 70 Resp: 41916

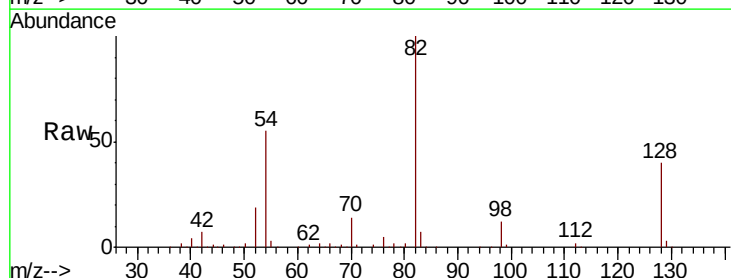
Ion Ratio Lower Upper

70 100

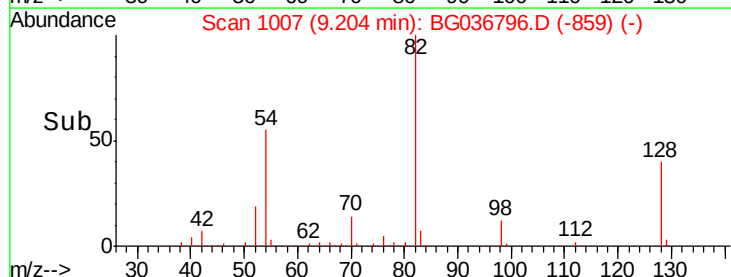
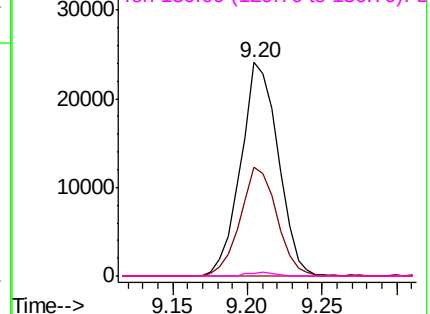
42 50.7 56.2 84.4#

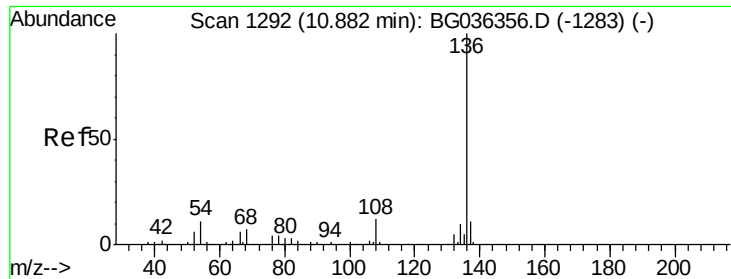
101 0.0 7.8 11.6#

130 1.3 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

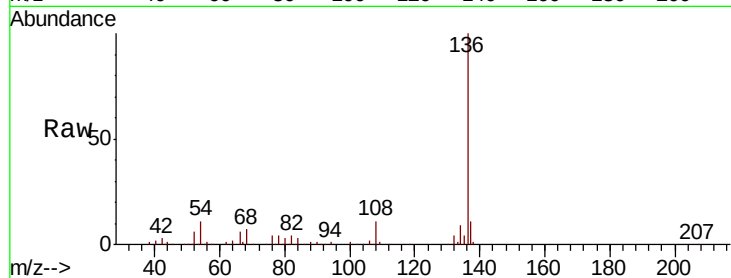




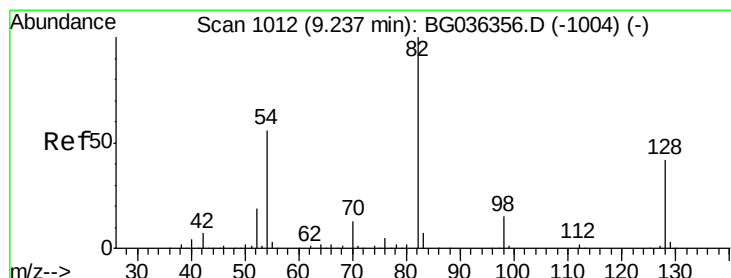
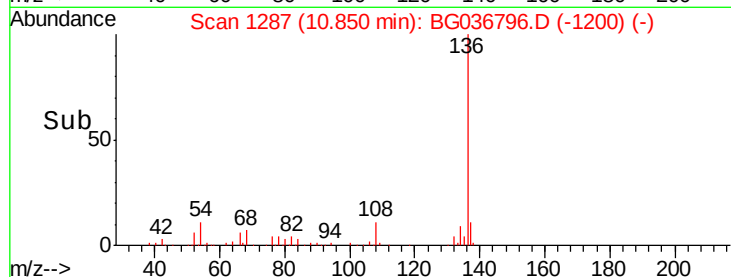
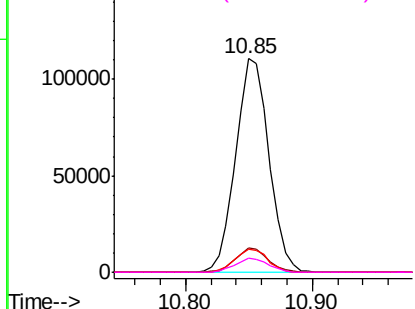
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BG036796.D
Acq: 18 Sep 2018 21:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	200611
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.8 13.2
54	10.8	9.2 13.8
68	6.6	5.8 8.6

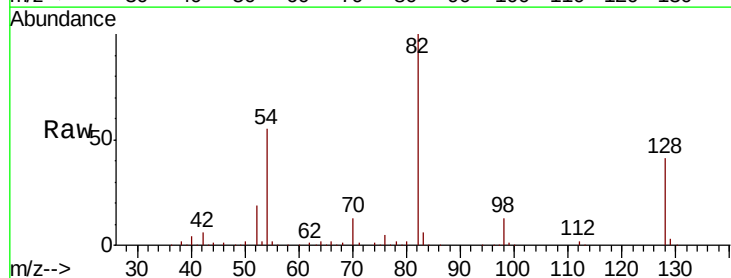


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

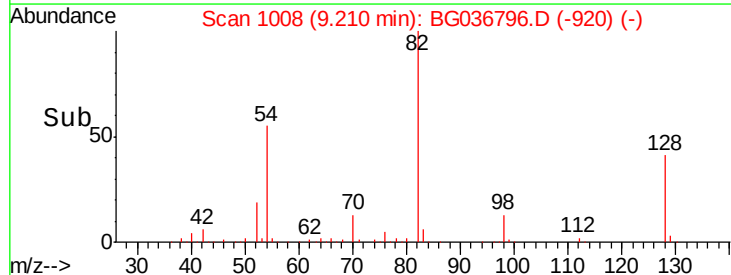
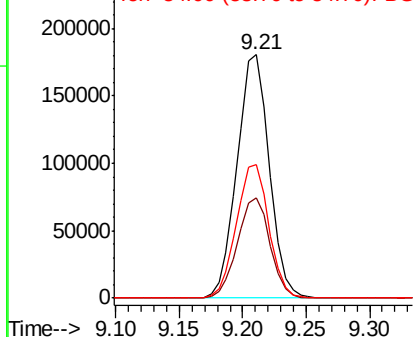


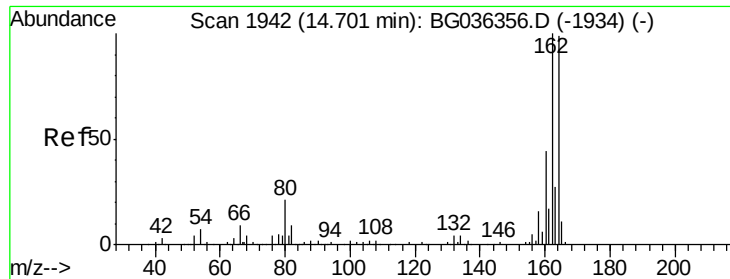
#23
Nitrobenzene-d5
Concen: 86.148 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036796.D
Acq: 18 Sep 2018 21:45

Tgt Ion: 82	Resp:	318529
Ion Ratio	Lower	Upper
82	100	
128	41.1	33.3 49.9
54	54.7	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: 14.67 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG036796.D

Acq: 18 Sep 2018 21:45

Instrument :

BNA_G

ClientSampleId :

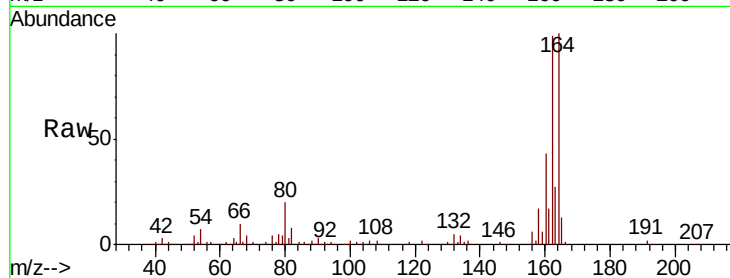
Tot Ion:164 Resp: 141360

Ion Ratio Lower Upper

164 100

162 98.8 80.7 121.1

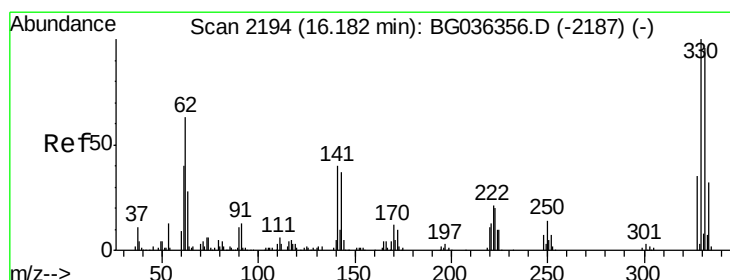
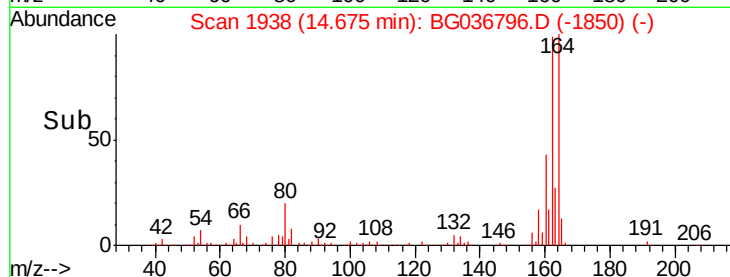
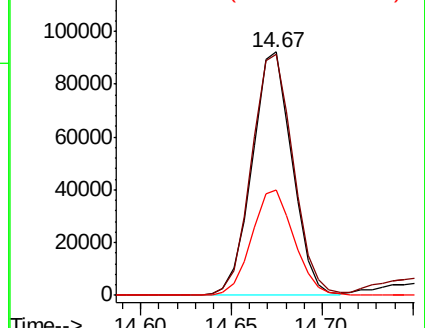
160 43.5 35.3 52.9



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: 147.738 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036796.D

Acq: 18 Sep 2018 21:45

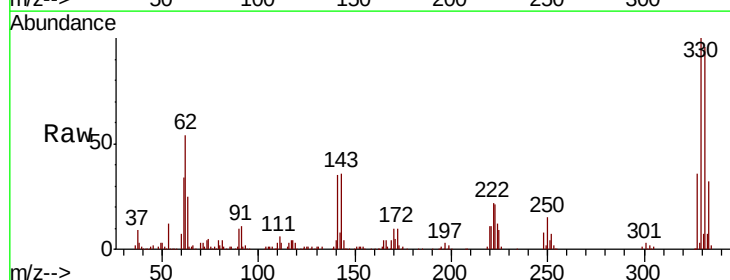
Tgt Ion:330 Resp: 249195

Ion Ratio Lower Upper

330 100

332 96.4 75.4 113.2

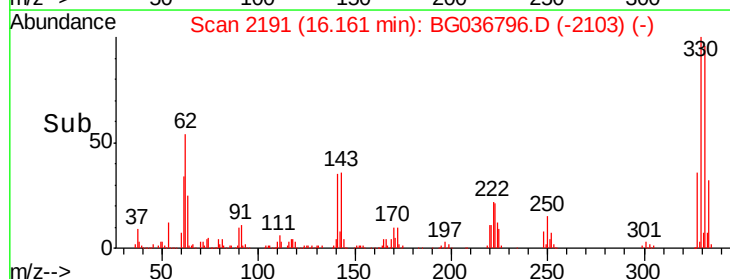
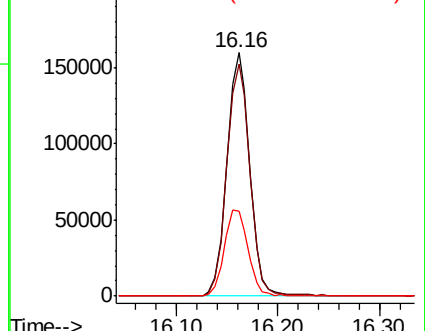
141 37.1 30.7 46.1

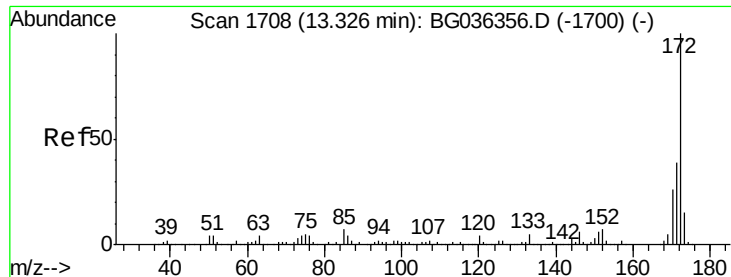


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

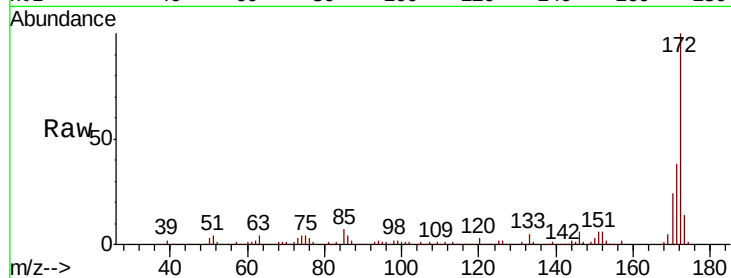




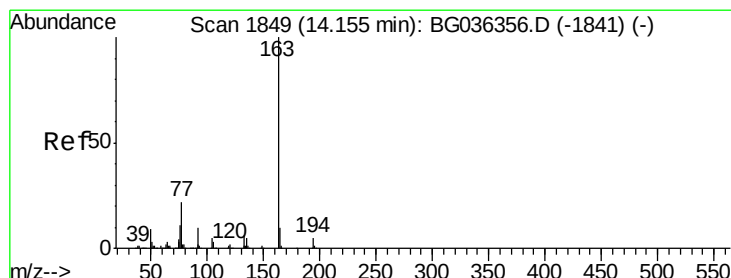
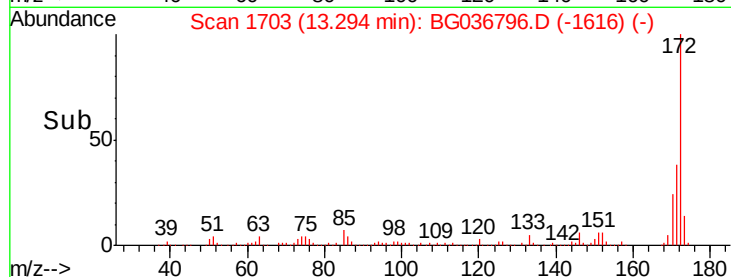
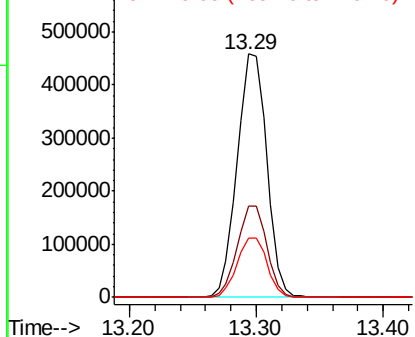
#44
2-Fluorobiphenyl
Concen: 75.163 ng
RT: 13.29 min Scan# 1703
Delta R.T. -0.02 min
Lab File: BG036796.D
Acq: 18 Sep 2018 21:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 744147
Ion Ratio Lower Upper
172 100
171 37.5 31.3 46.9
170 24.2 21.0 31.6

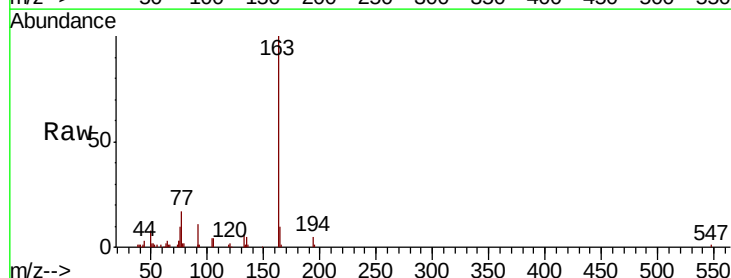


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

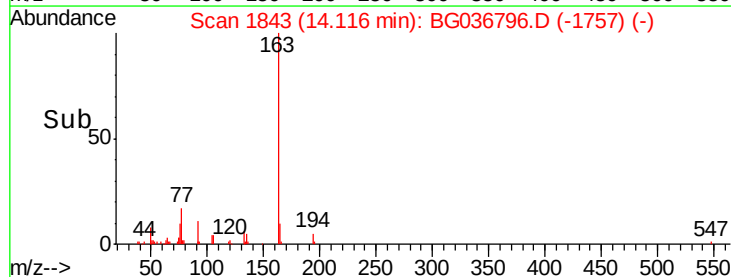
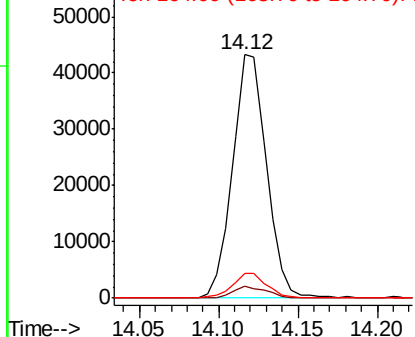


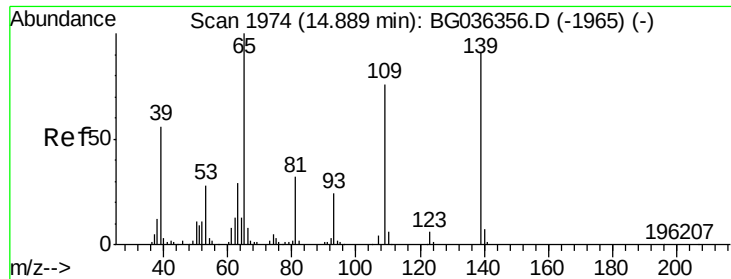
#49
Dimethylphthalate
Concen: 5.568 ng
RT: 14.12 min Scan# 1843
Delta R.T. -0.02 min
Lab File: BG036796.D
Acq: 18 Sep 2018 21:45

Tgt Ion:163 Resp: 64275
Ion Ratio Lower Upper
163 100
194 4.9 4.0 6.0
164 10.0 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

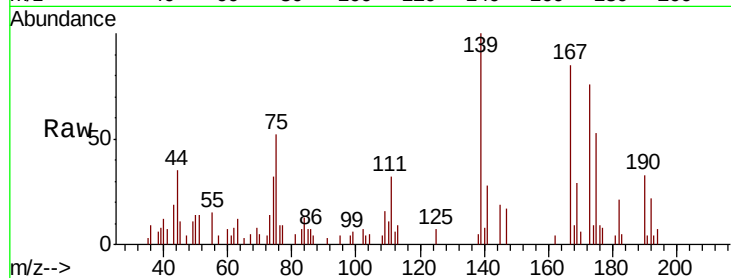




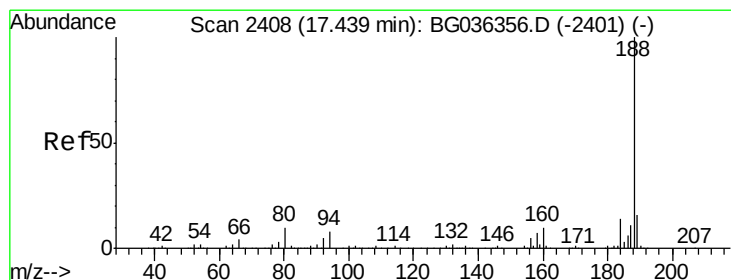
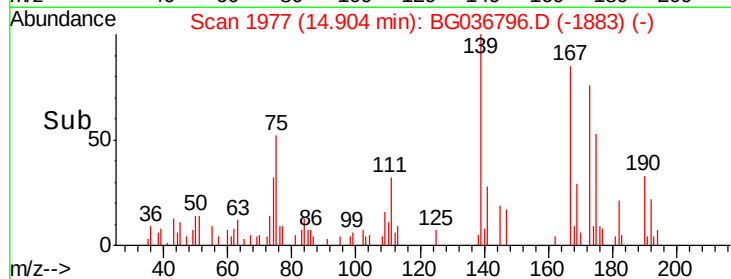
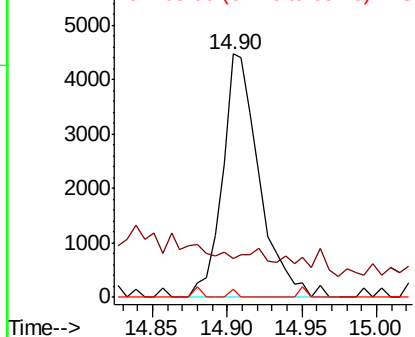
#55
4-Nitrophenol
Concen: 3.690 ng
RT: 14.90 min Scan# 1977
Delta R.T. 0.02 min
Lab File: BG036796.D
Acq: 18 Sep 2018 21:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:139 Resp: 7723
Ion Ratio Lower Upper
139 100
109 15.8 63.9 103.9#
65 3.4 90.0 130.0#

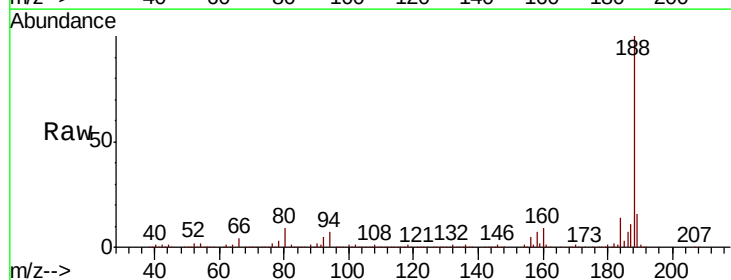


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

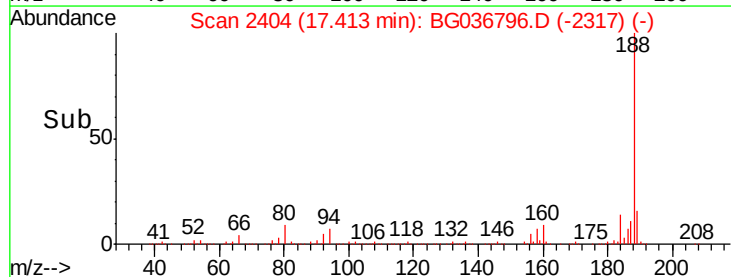
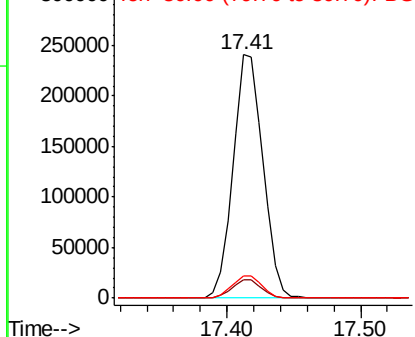


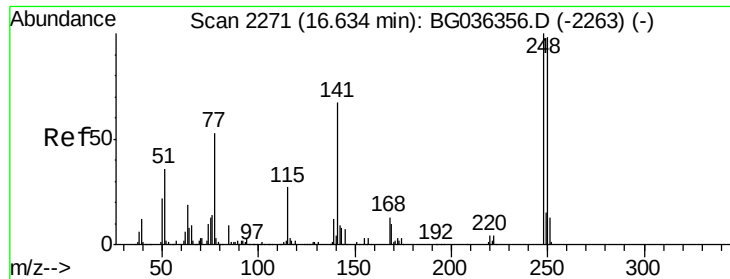
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.02 min
Lab File: BG036796.D
Acq: 18 Sep 2018 21:45

Tgt Ion:188 Resp: 374177
Ion Ratio Lower Upper
188 100
94 7.4 6.7 10.1
80 9.4 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

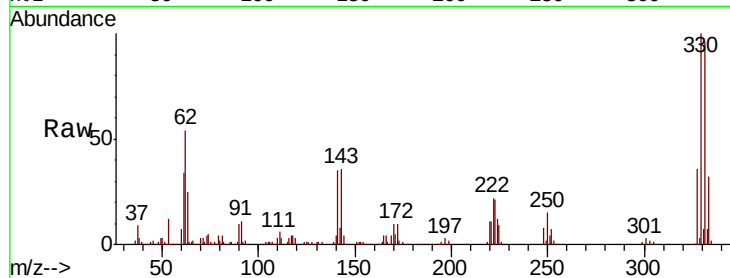




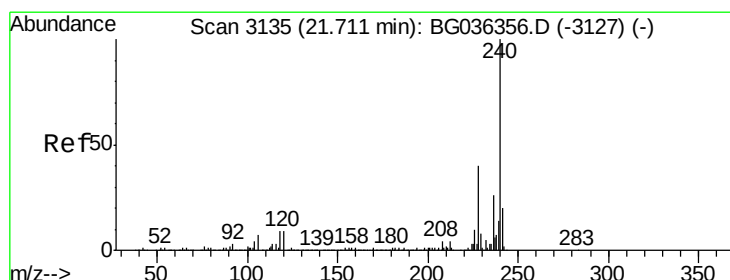
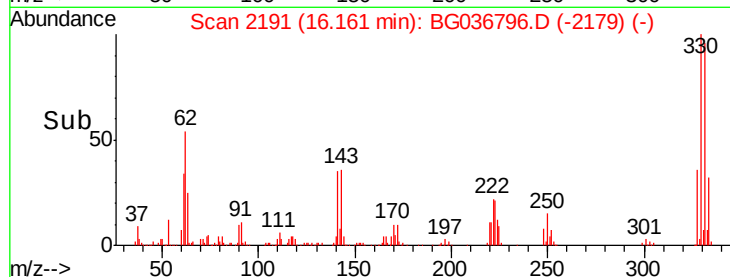
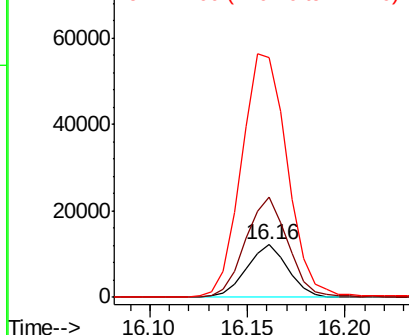
#66
4-Bromophenyl-phenylether
Concen: 4.063 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.46 min
Lab File: BG036796.D
Acq: 18 Sep 2018 21:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 17800
Ion Ratio Lower Upper
248 100
250 191.9 78.1 117.1#
141 458.2 53.7 80.5#

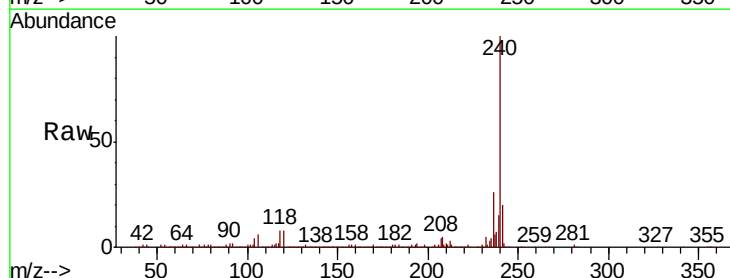


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

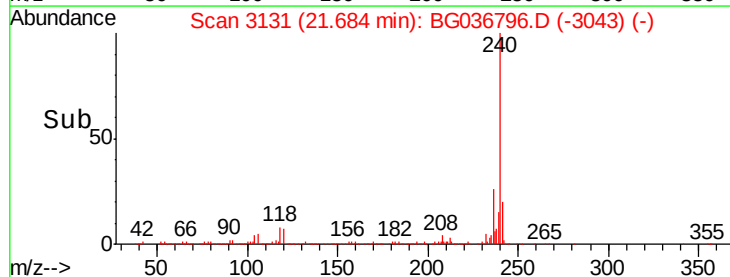
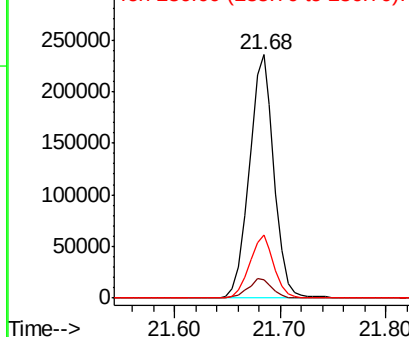


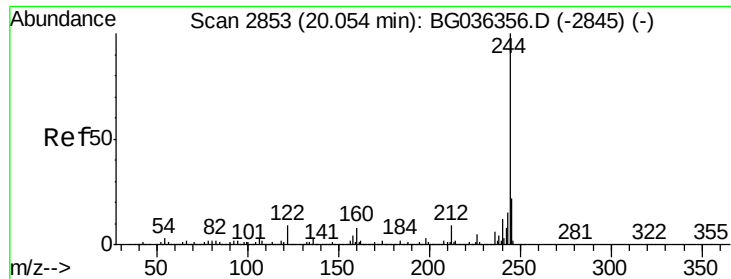
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036796.D
Acq: 18 Sep 2018 21:45

Tgt Ion:240 Resp: 380873
Ion Ratio Lower Upper
240 100
120 7.5 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: 81.009 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036796.D

Acq: 18 Sep 2018 21:45

Instrument :

BNA_G

ClientSampleId :

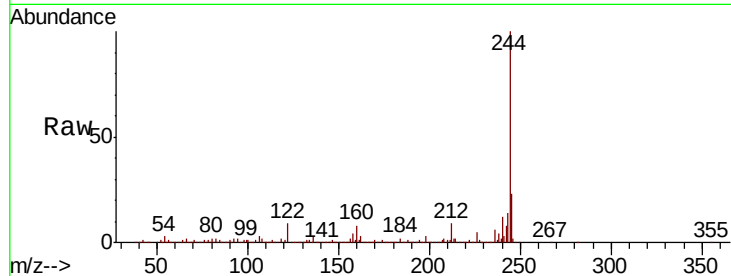
Tot Ion:244 Resp: 1320060

Ion Ratio Lower Upper

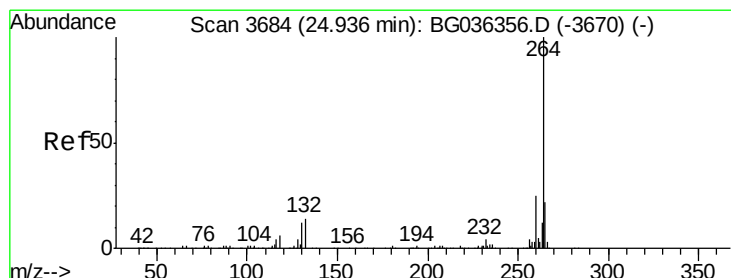
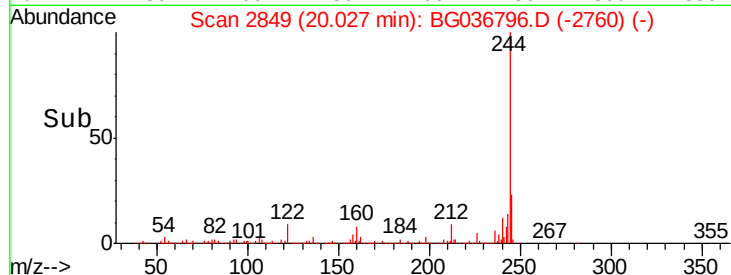
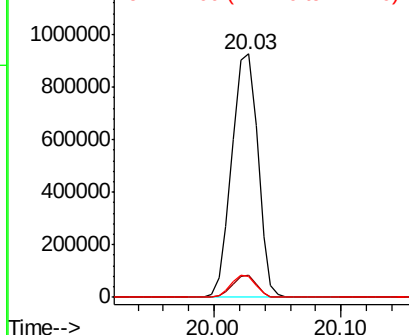
244 100

212 8.9 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: 24.89 min Scan# 3676

Delta R.T. -0.02 min

Lab File: BG036796.D

Acq: 18 Sep 2018 21:45

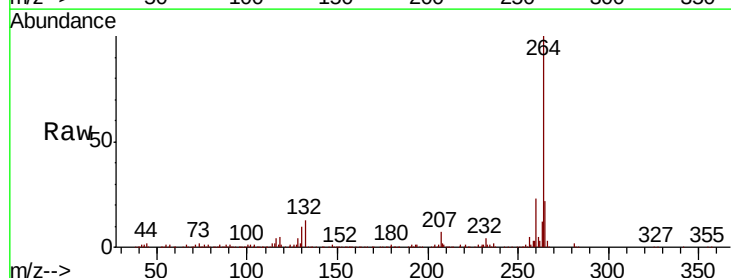
Tgt Ion:264 Resp: 394835

Ion Ratio Lower Upper

264 100

260 22.7 19.6 29.4

265 21.6 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

