

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG092718\
 Data File : BG037021.D
 Acq On : 27 Sep 2018 19:14
 Operator : JU/SJ
 Sample : J5066-14
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EP1-Q1-I2

Quant Time: Sep 28 04:23:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

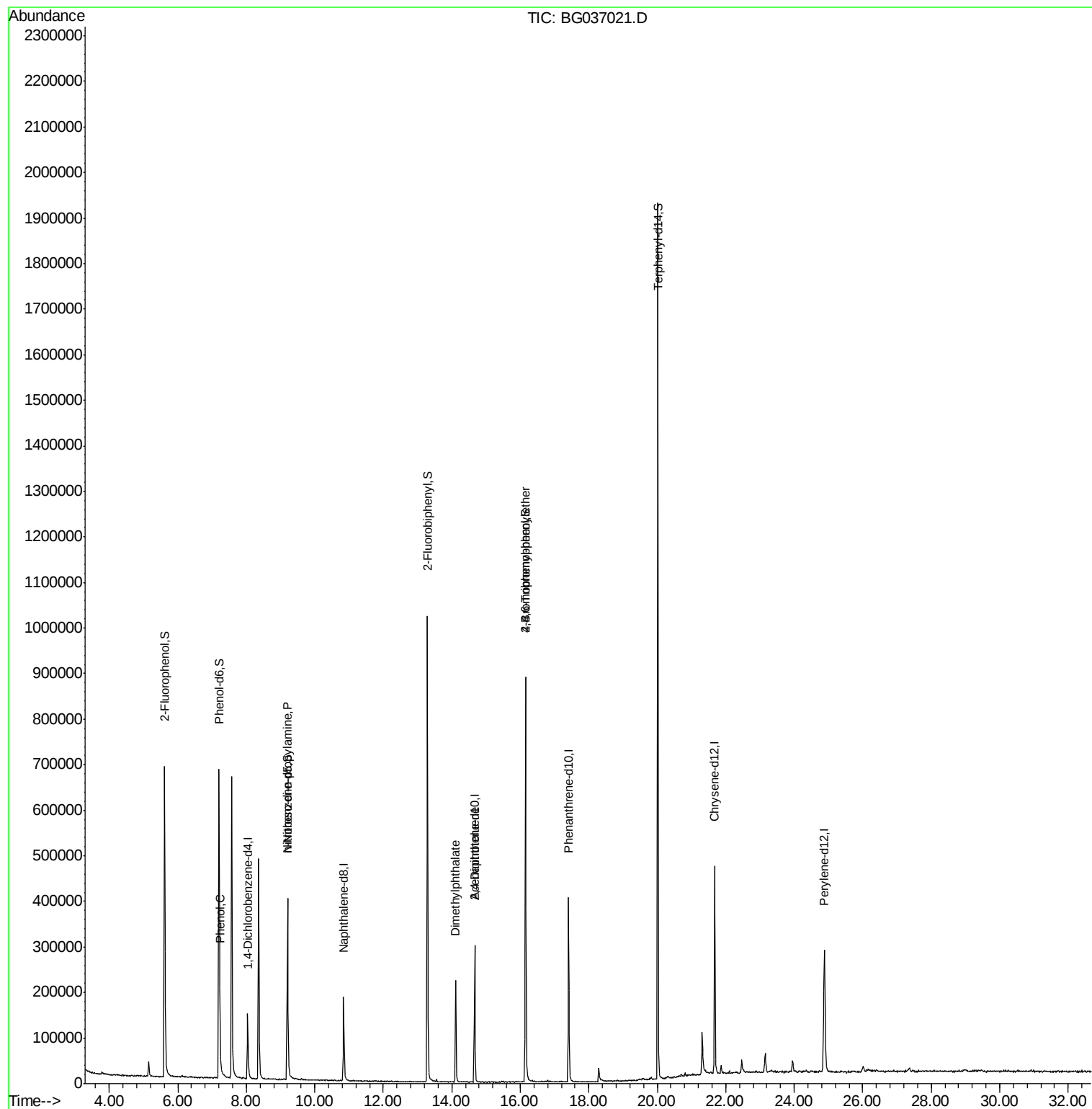
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	44715	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	182086	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	110552	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	281083	20.00	ng	0.00
75) Chrysene-d12	21.68	240	292759	20.00	ng	-0.01
86) Perylene-d12	24.88	264	295430	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	318891	136.77	ng	0.00
7) Phenol-d6	7.20	99	439397	121.81	ng	-0.01
23) Nitrobenzene-d5	9.20	82	291466	85.72	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	174811	132.16	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	563740	75.95	ng	-0.01
78) Terphenyl-d14	20.02	244	975512	87.62	ng	0.00
Target Compounds						
10) Phenol	7.23	94	14654	3.936	ng	# 54
19) n-Nitroso-di-n-propylamine	9.20	70	38703	12.897	ng	# 72
49) Dimethylphthalate	14.12	163	165514	18.600	ng	99
56) 2,4-Dinitrotoluene	14.66	165	13512	4.987	ng	# 20
66) 4-Bromophenyl-phenylether	16.15	248	12423	3.886	ng	# 1

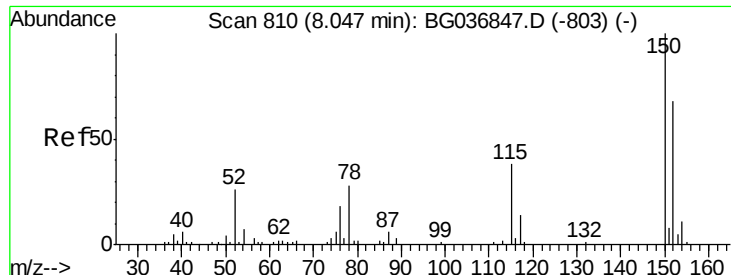
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG092718\
Data File : BG037021.D
Acq On : 27 Sep 2018 19:14
Operator : JU/SJ
Sample : J5066-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EP1-Q1-12

Quant Time: Sep 28 04:23:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration



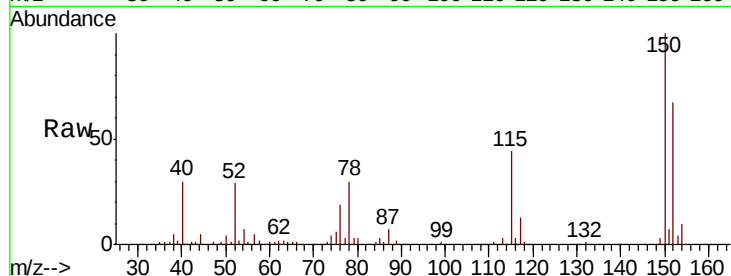


#1

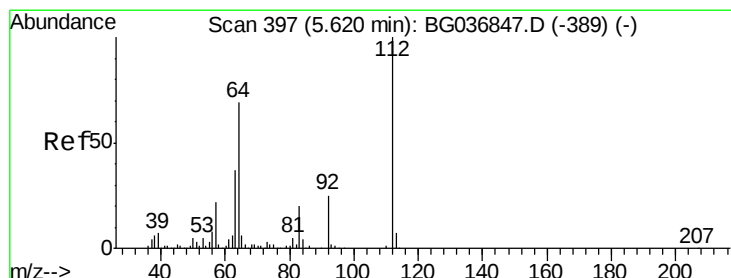
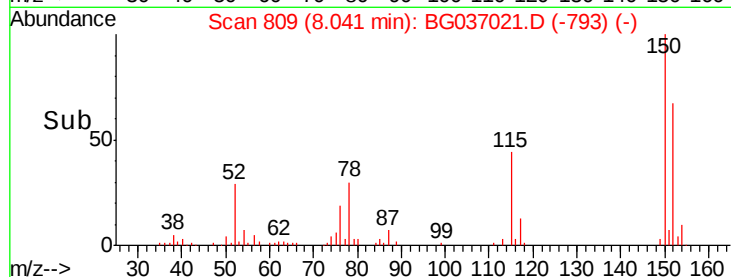
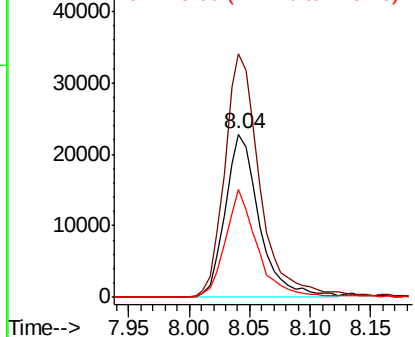
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BG037021.D
 Acq: 27 Sep 2018 19:14

Instrument :
 BNA_G
 ClientSampleId :
 EP1-Q1-I2

Tgt Ion:152 Resp: 44715
 Ion Ratio Lower Upper
 152 100
 150 148.9 119.5 179.3
 115 65.7 44.5 66.7



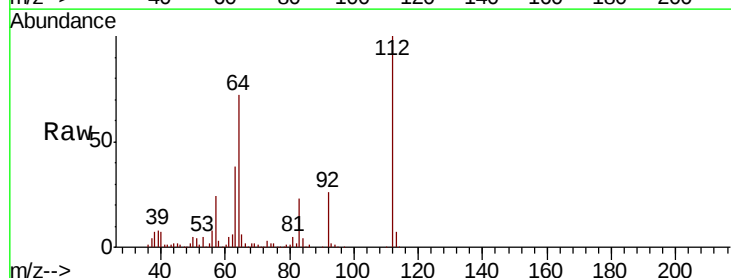
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



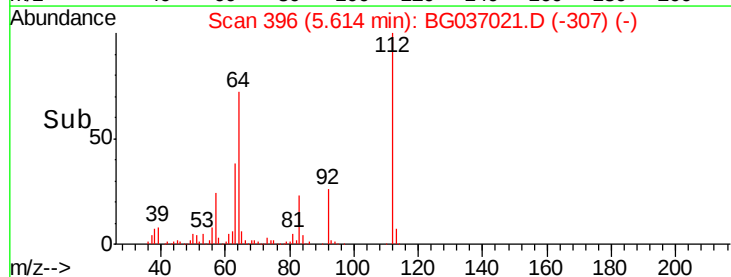
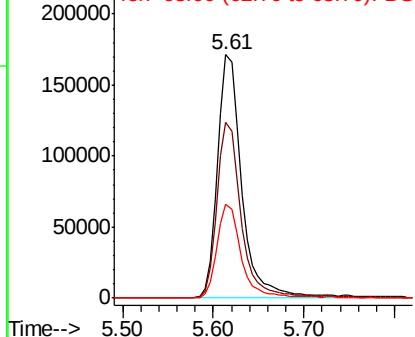
#5

2-Fluorophenol
 Concen: 136.769 ng
 RT: 5.61 min Scan# 396
 Delta R.T. -0.01 min
 Lab File: BG037021.D
 Acq: 27 Sep 2018 19:14

Tgt Ion:112 Resp: 318891
 Ion Ratio Lower Upper
 112 100
 64 72.0 57.2 85.8
 63 38.4 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: 121.805 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037021.D

Acq: 27 Sep 2018 19:14

Instrument :

BNA_G

ClientSampleId :

EP1-Q1-I2

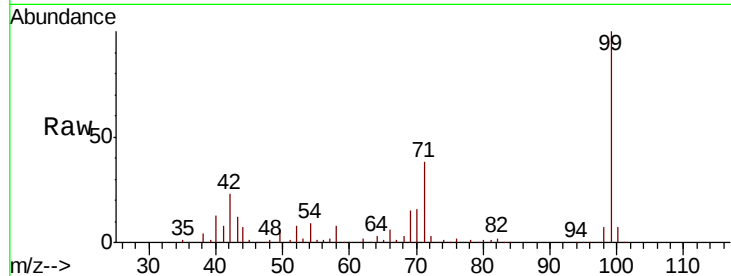
Tgt Ion: 99 Resp: 439397

Ion Ratio Lower Upper

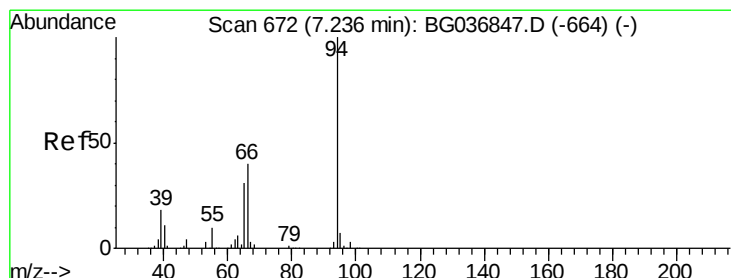
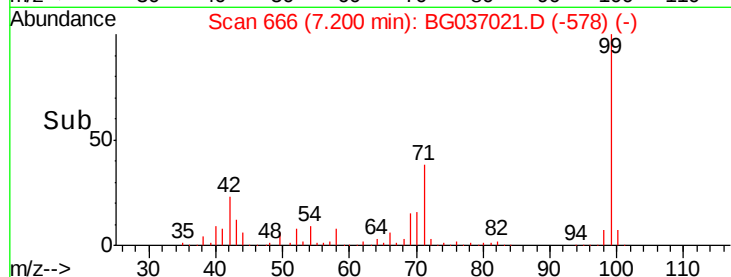
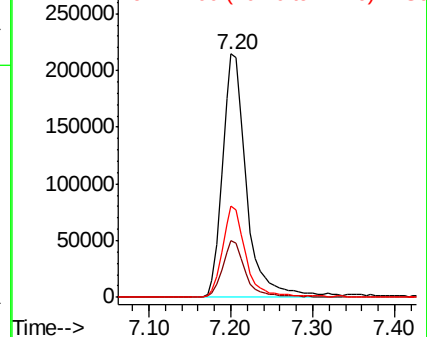
99 100

42 23.3 16.5 24.7

71 37.7 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



#10

Phenol

Concen: 3.936 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

Lab File: BG037021.D

Acq: 27 Sep 2018 19:14

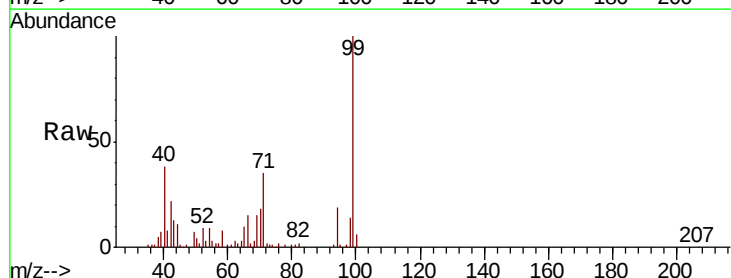
Tgt Ion: 94 Resp: 14654

Ion Ratio Lower Upper

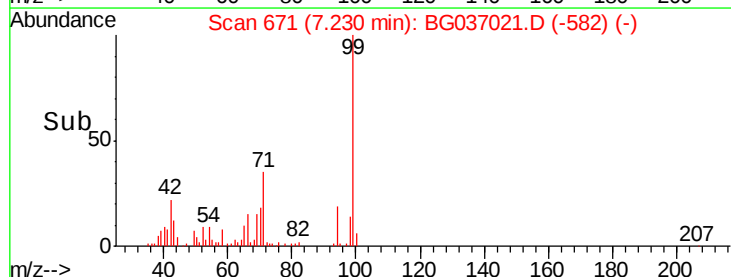
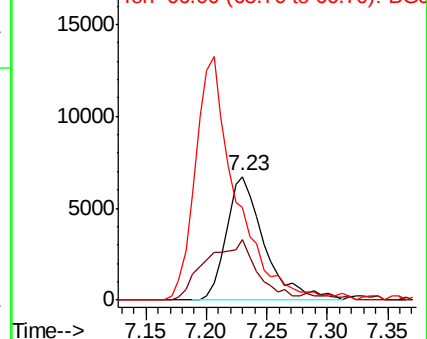
94 100

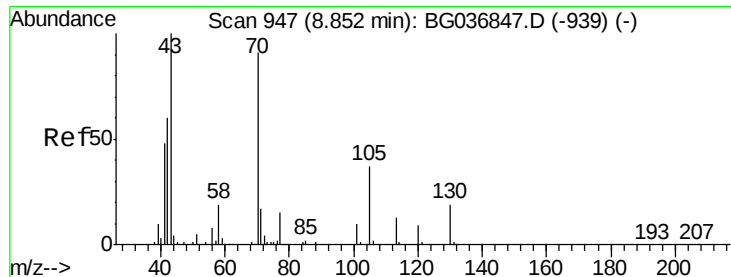
65 49.2 11.5 51.5

66 74.9 19.5 59.5#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

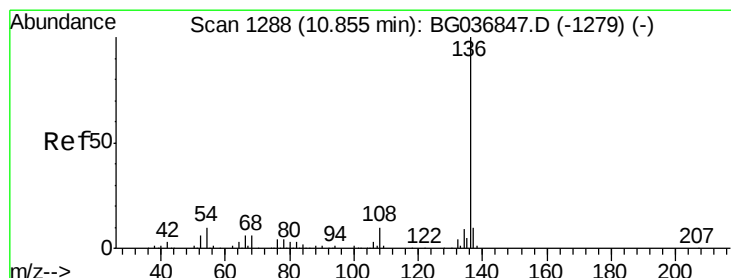
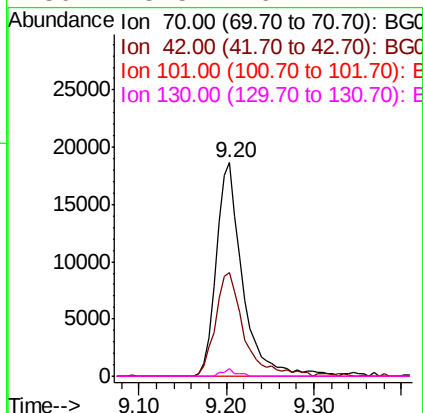
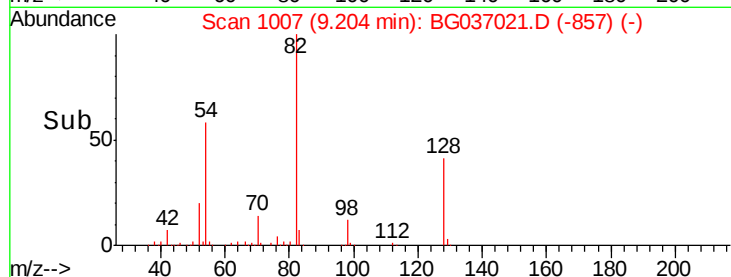
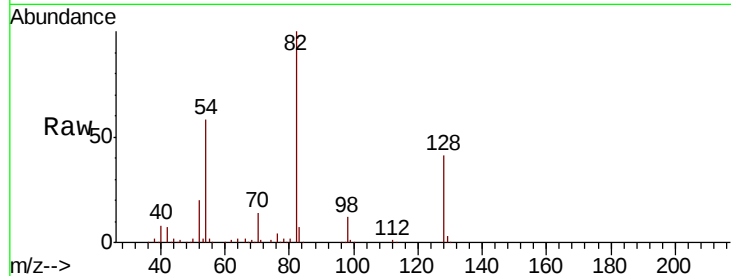




#19
n-Nitroso-di-n-propylamine
Concen: 12.897 ng
RT: 9.20 min Scan# 1007
Delta R.T. 0.35 min
Lab File: BG037021.D
Acq: 27 Sep 2018 19:14

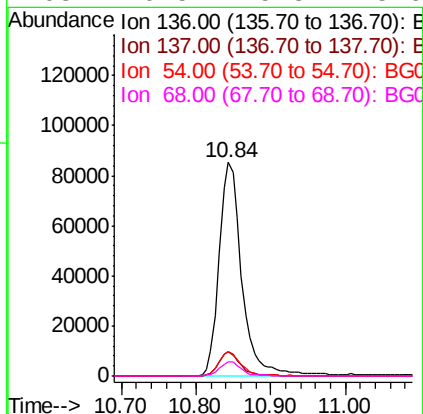
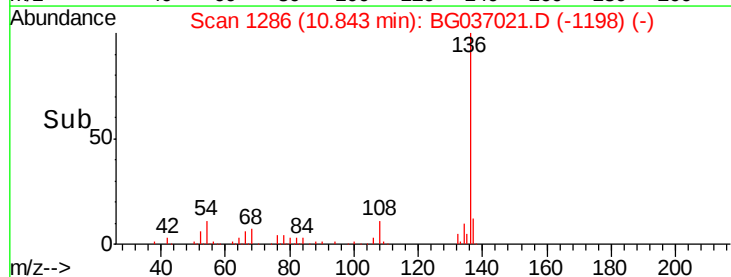
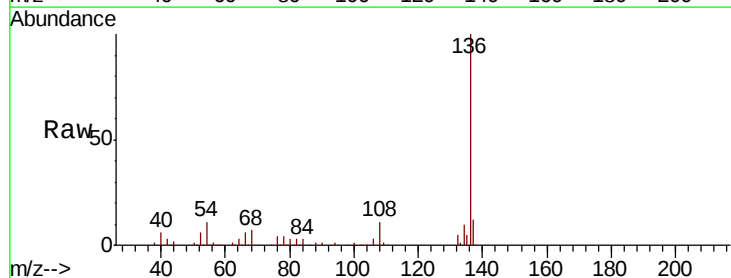
Instrument :
BNA_G
ClientSampleId :
EP1-Q1-I2

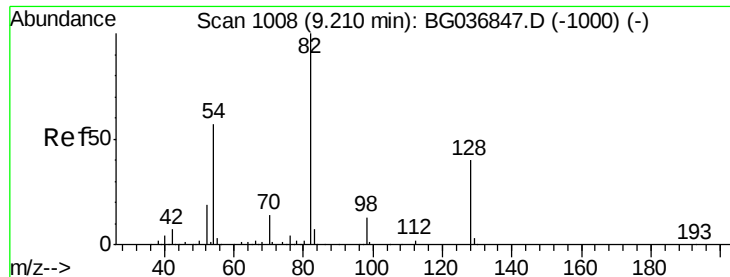
Tgt Ion: 70 Resp: 38703
Ion Ratio Lower Upper
70 100
42 48.7 56.2 84.4#
101 0.0 7.8 11.6#
130 3.5 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG037021.D
Acq: 27 Sep 2018 19:14

Tgt Ion: 136 Resp: 182086
Ion Ratio Lower Upper
136 100
137 11.6 8.8 13.2
54 11.2 9.2 13.8
68 6.5 5.8 8.6

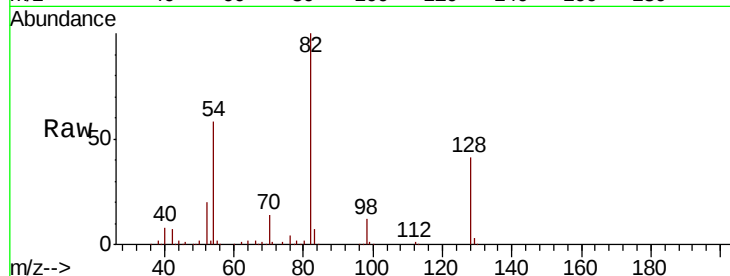




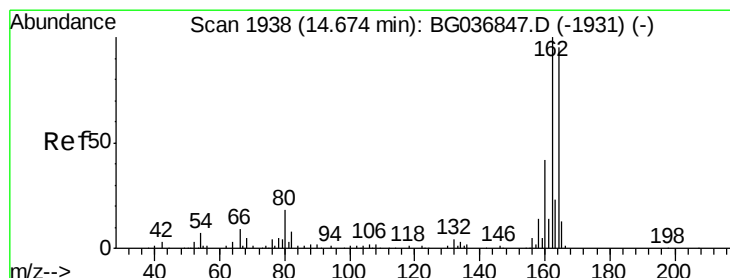
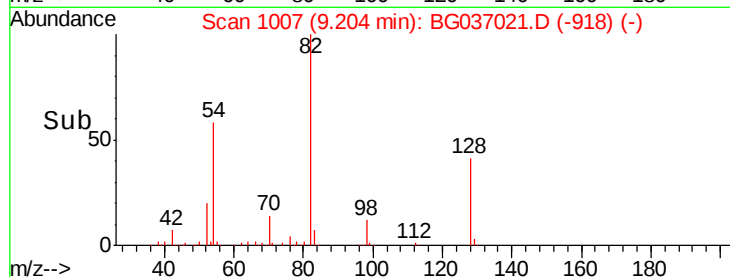
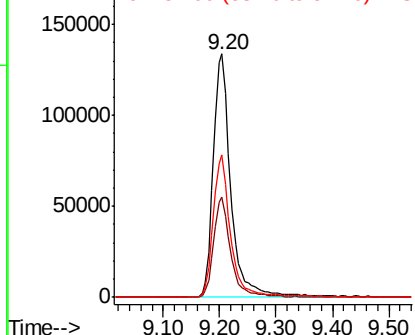
#23
Nitrobenzene-d5
Concen: 85.719 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG037021.D
Acq: 27 Sep 2018 19:14

Instrument :
BNA_G
ClientSampleId :
EP1-Q1-I2

Tgt Ion: 82 Resp: 291466
Ion Ratio Lower Upper
82 100
128 41.3 33.3 49.9
54 58.5 45.1 67.7

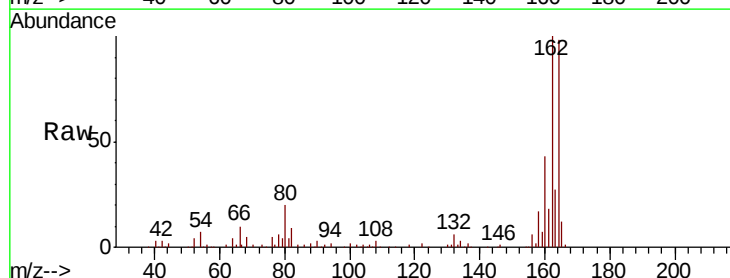


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

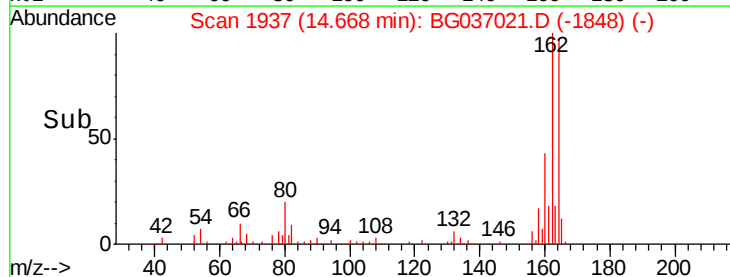
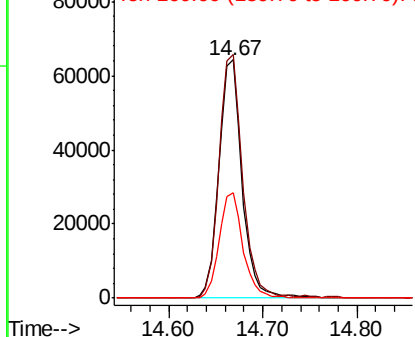


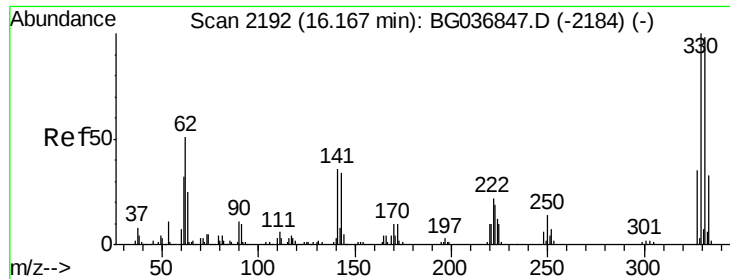
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BG037021.D
Acq: 27 Sep 2018 19:14

Tgt Ion: 164 Resp: 110552
Ion Ratio Lower Upper
164 100
162 102.3 80.7 121.1
160 44.1 35.3 52.9



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

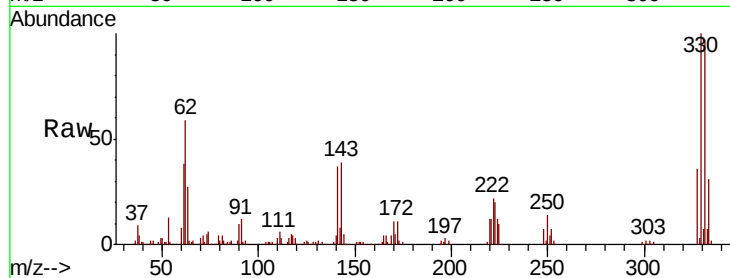




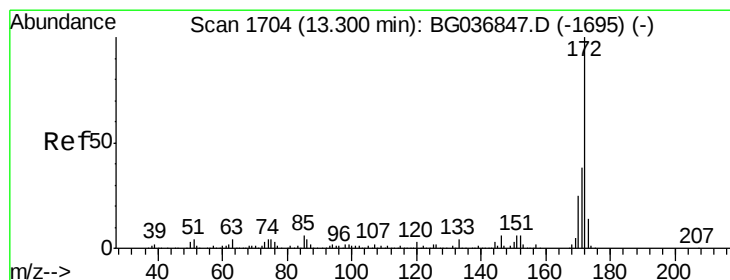
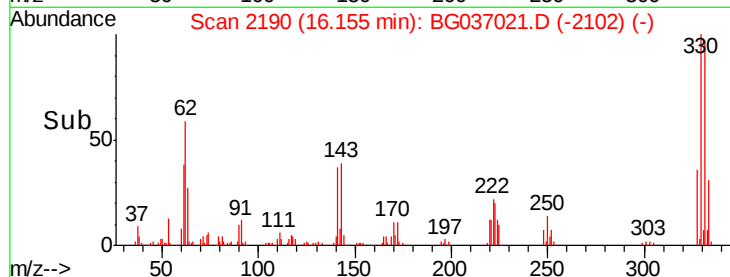
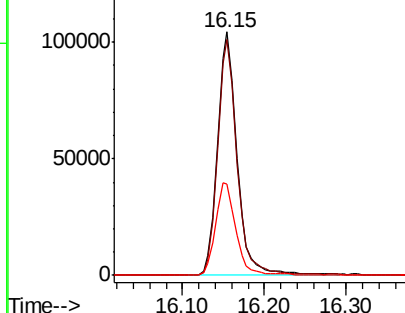
#41
 2,4,6-Tribromophenol
 Concen: 132.164 ng
 RT: 16.15 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG037021.D
 Acq: 27 Sep 2018 19:14

Instrument :
 BNA_G
 ClientSampleId :
 EP1-Q1-I2

Tgt Ion:330 Resp: 174811
 Ion Ratio Lower Upper
 330 100
 332 95.4 75.4 113.2
 141 39.6 30.7 46.1

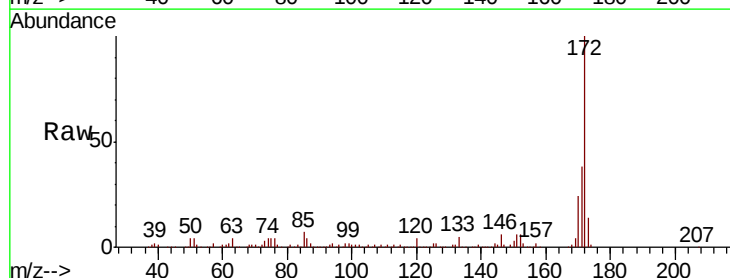


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

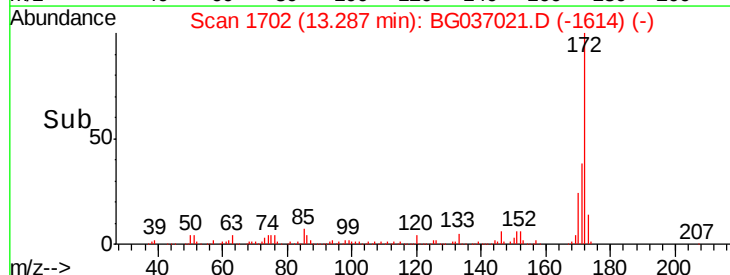
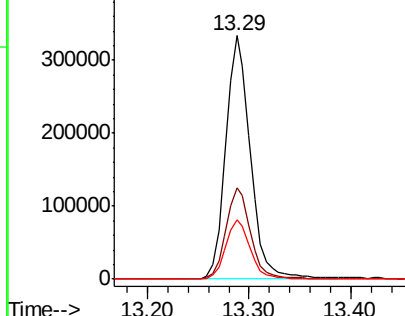


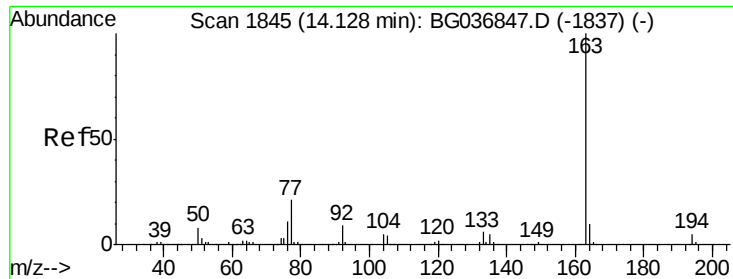
#44
 2-Fluorobiphenyl
 Concen: 75.949 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037021.D
 Acq: 27 Sep 2018 19:14

Tgt Ion:172 Resp: 563740
 Ion Ratio Lower Upper
 172 100
 171 37.6 31.3 46.9
 170 24.3 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: 18.600 ng

RT: 14.12 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BG037021.D

Acq: 27 Sep 2018 19:14

Instrument :

BNA_G

ClientSampleId :

EP1-Q1-I2

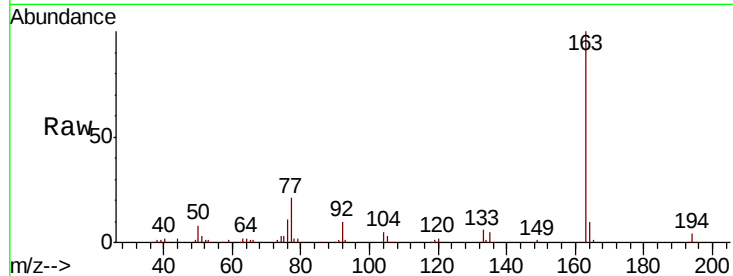
Tgt Ion:163 Resp: 165514

Ion Ratio Lower Upper

163 100

194 4.3 4.0 6.0

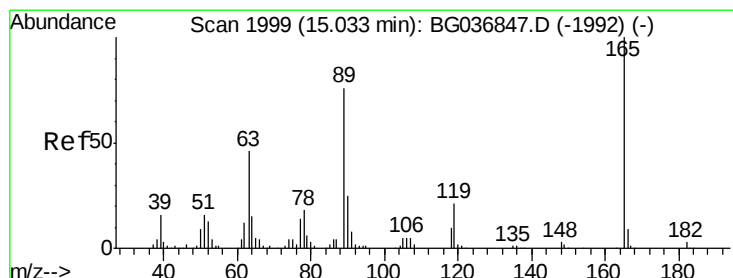
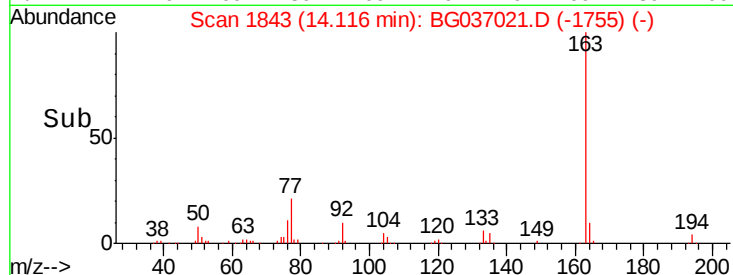
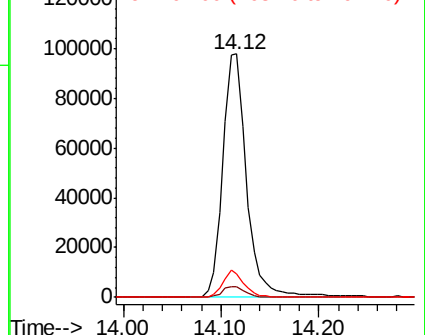
164 9.8 8.1 12.1



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: 4.987 ng

RT: 14.66 min Scan# 1936

Delta R.T. -0.37 min

Lab File: BG037021.D

Acq: 27 Sep 2018 19:14

Tgt Ion:165 Resp: 13512

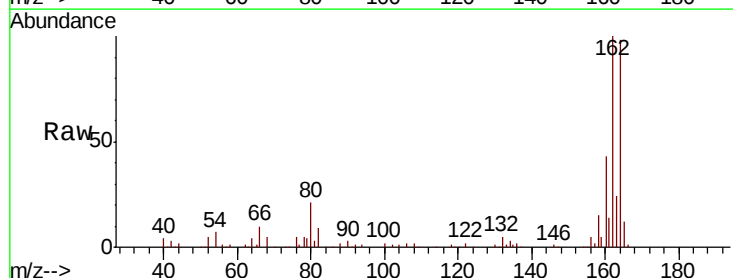
Ion Ratio Lower Upper

165 100

63 2.8 40.1 60.1#

89 0.0 63.7 95.5#

182 0.0 2.5 3.7#

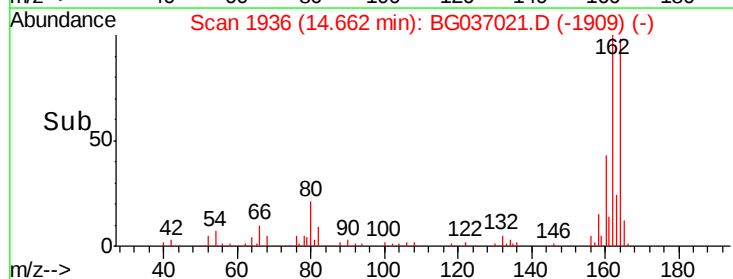
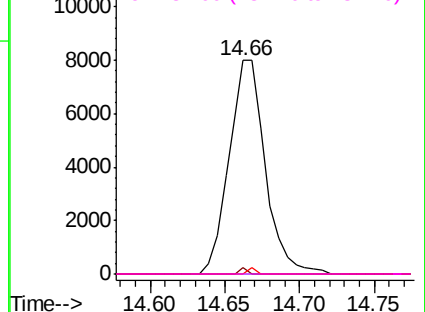


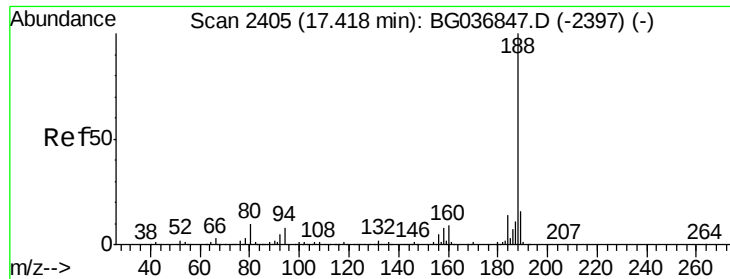
Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.41 min Scan# 2404

Delta R.T. -0.01 min

Lab File: BG037021.D

Acq: 27 Sep 2018 19:14

Instrument :

BNA_G

ClientSampleId :

EP1-Q1-I2

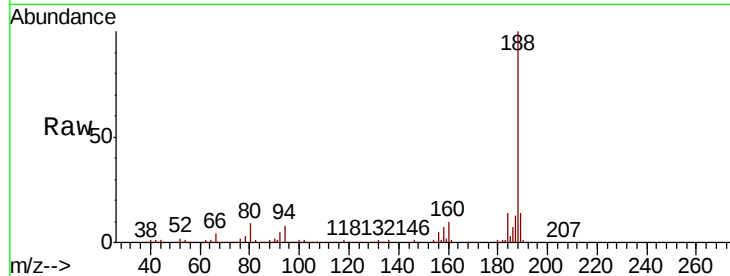
Tgt Ion:188 Resp: 281083

Ion Ratio Lower Upper

188 100

94 8.1 6.7 10.1

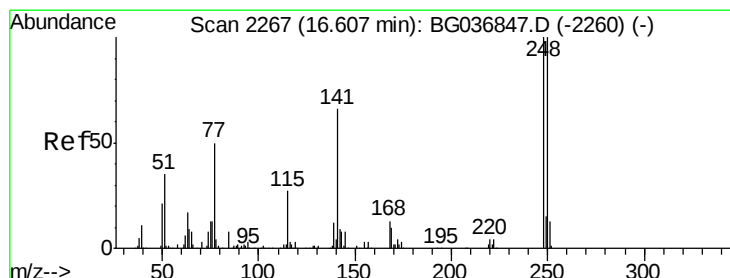
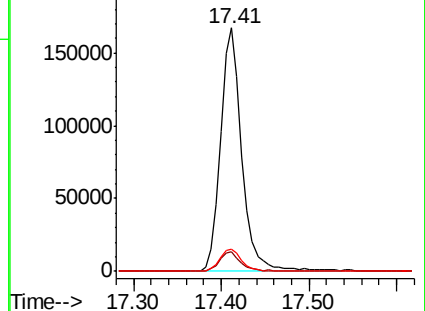
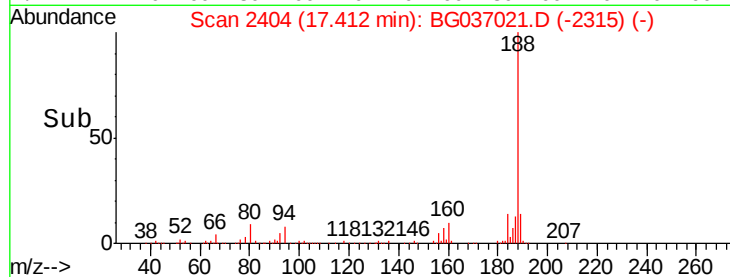
80 8.9 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#66

4-Bromophenyl-phenylether

Concen: 3.886 ng

RT: 16.15 min Scan# 2190

Delta R.T. -0.45 min

Lab File: BG037021.D

Acq: 27 Sep 2018 19:14

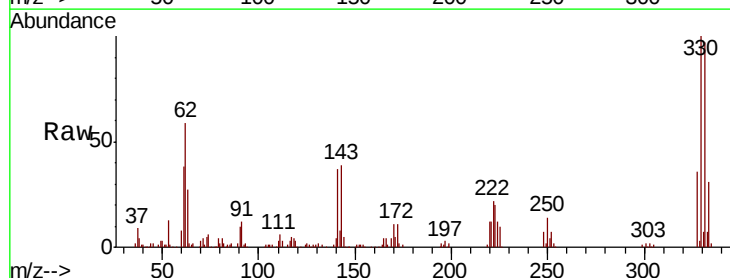
Tgt Ion:248 Resp: 12423

Ion Ratio Lower Upper

248 100

250 182.2 78.1 117.1#

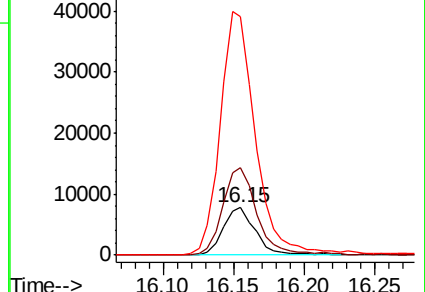
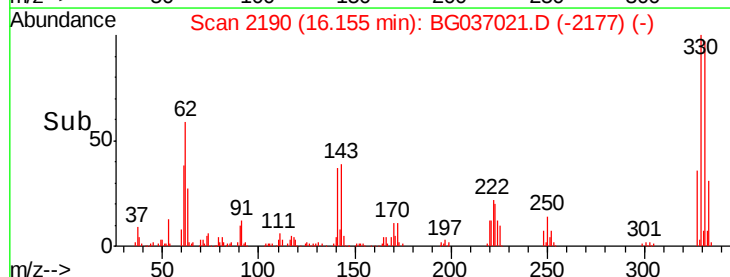
141 499.7 53.7 80.5#

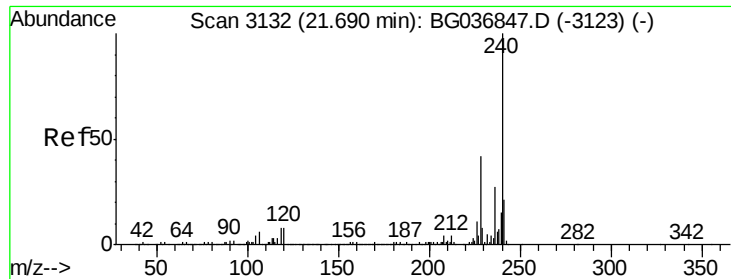


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.68 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG037021.D

Acq: 27 Sep 2018 19:14

Instrument :

BNA_G

ClientSampleId :

EP1-Q1-I2

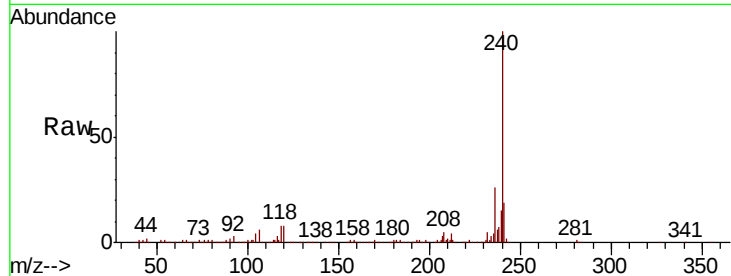
Tgt Ion:240 Resp: 292759

Ion Ratio Lower Upper

240 100

120 7.9 6.9 10.3

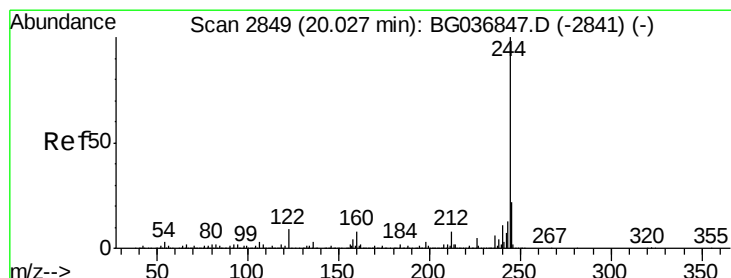
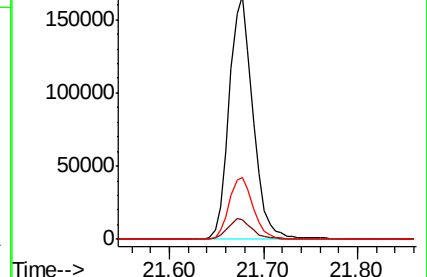
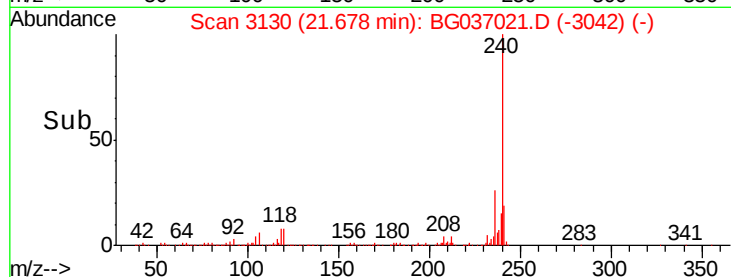
236 25.6 21.2 31.8



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: 87.618 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG037021.D

Acq: 27 Sep 2018 19:14

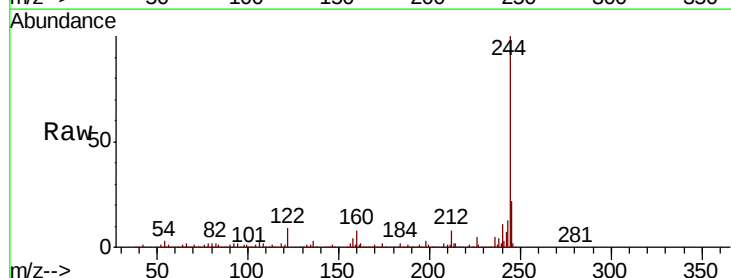
Tgt Ion:244 Resp: 975512

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.6

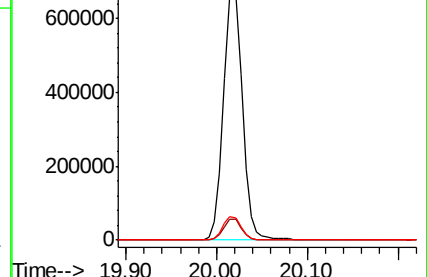
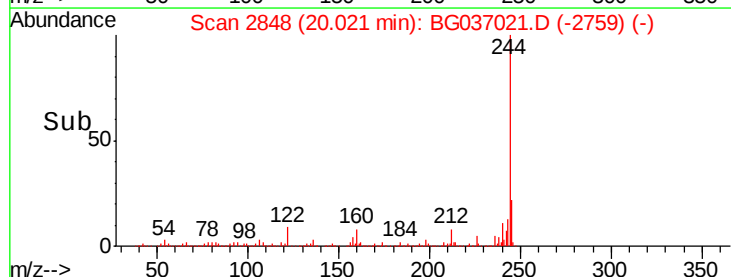
122 8.9 7.1 10.7

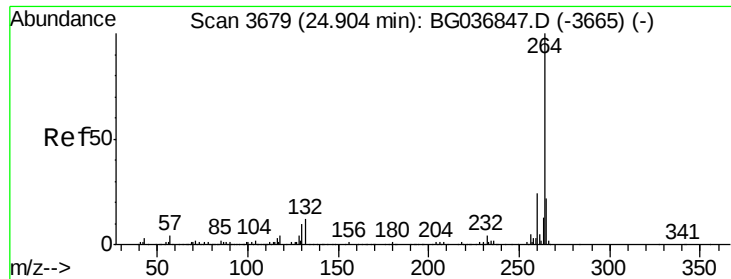


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.88 min Scan# 3675
Delta R.T. -0.02 min
Lab File: BG037021.D
Acq: 27 Sep 2018 19:14

Instrument :
BNA_G
ClientSampleId :
EP1-Q1-I2

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	21.7	17.4	26.0

