

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100618\
 Data File : BG037200.D
 Acq On : 5 Oct 2018 22:18
 Operator : JU/SJ
 Sample : J5199-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-100318

Quant Time: Oct 06 05:03:07 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

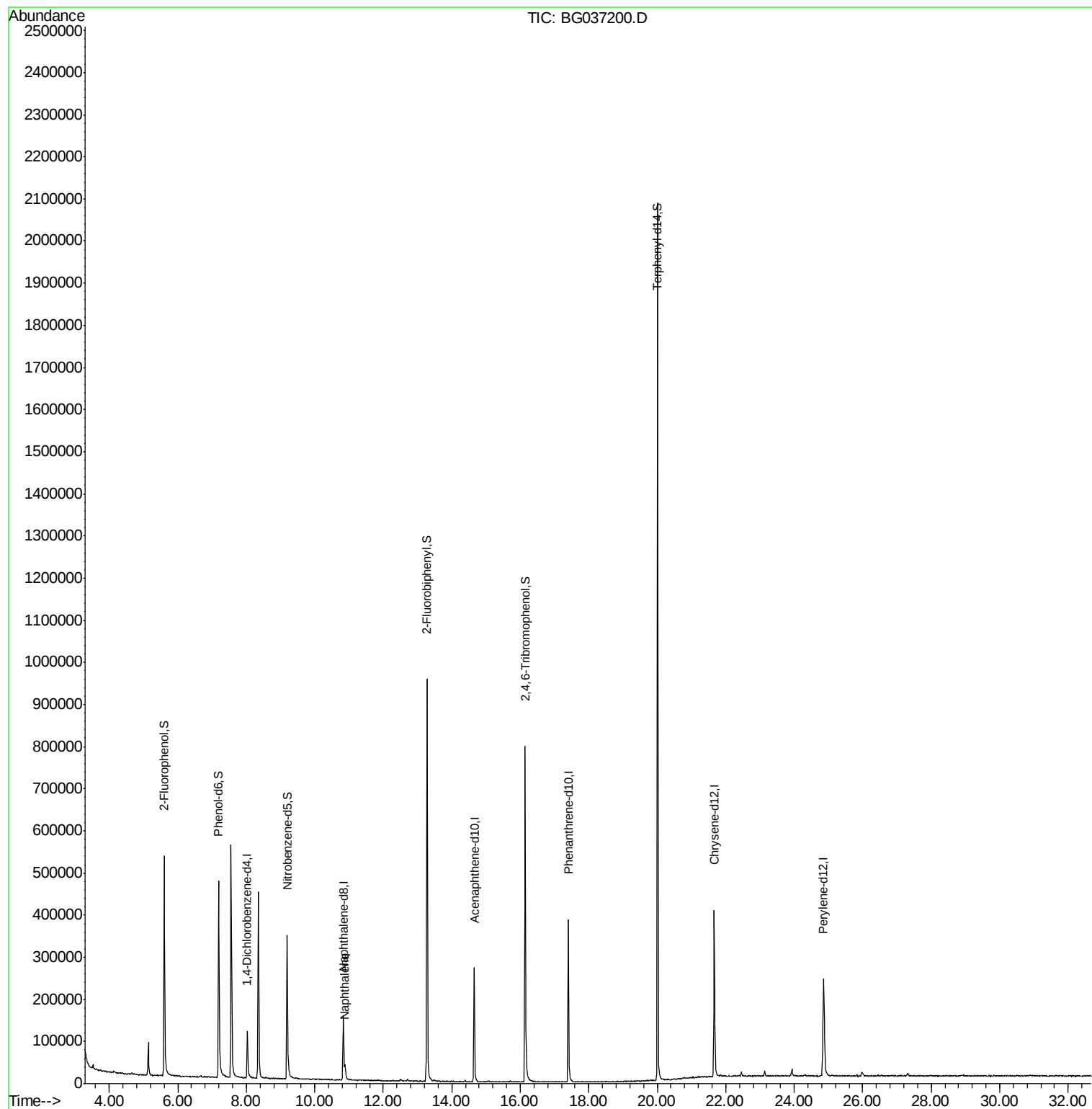
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	37691	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	155140	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	103918	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	275069	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	285008	20.00	ng	-0.02
86) Perylene-d12	24.86	264	267303	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	250105	127.26	ng	-0.02
7) Phenol-d6	7.20	99	317514	104.42	ng	-0.02
23) Nitrobenzene-d5	9.19	82	260169	89.80	ng	-0.02
41) 2,4,6-Tribromophenol	16.14	330	158162	127.21	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	547690	78.50	ng	-0.02
78) Terphenyl-d14	20.01	244	1041785	96.12	ng	-0.02
Target Compounds						
31) Naphthalene	10.88	128	29984	4.062	ng	Qvalue 98

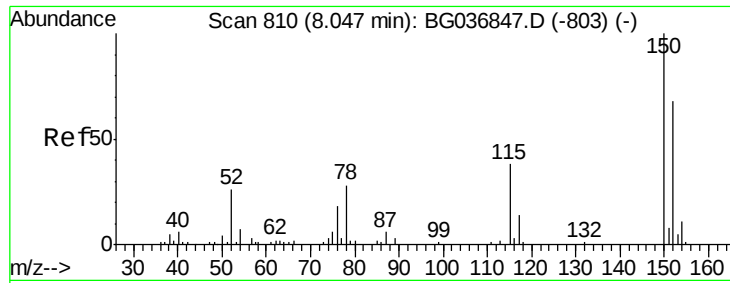
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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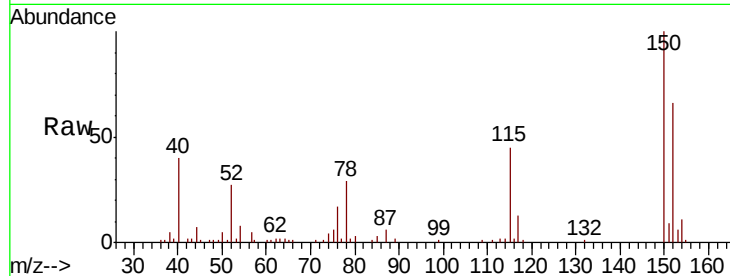




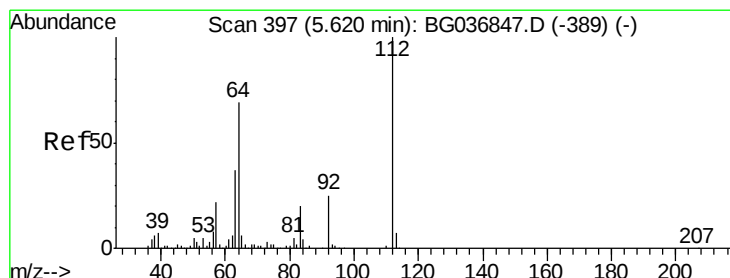
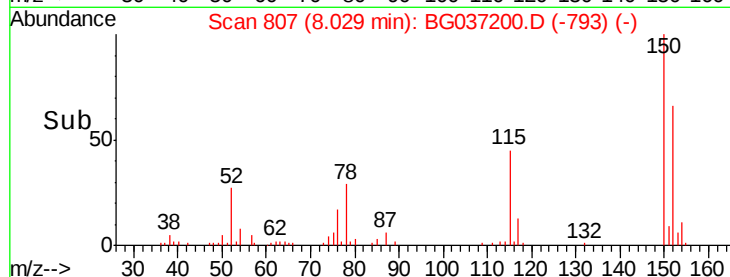
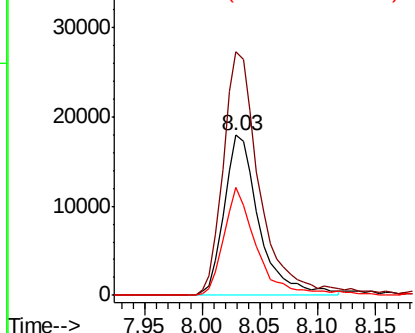
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.03 min Scan# 807
 Delta R.T. -0.02 min
 Lab File: BG037200.D
 Acq: 5 Oct 2018 22:18

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-100318

Tot Ion:152 Resp: 37691
 Ion Ratio Lower Upper
 152 100
 150 151.9 119.5 179.3
 115 67.6 44.5 66.7#

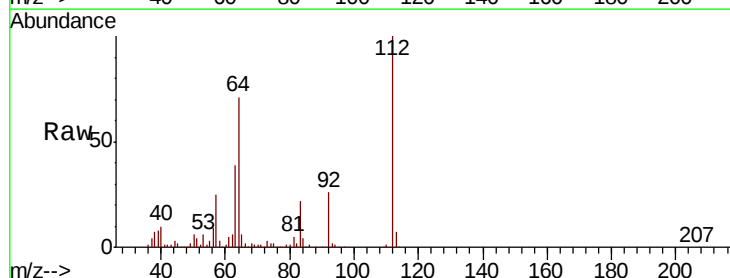


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

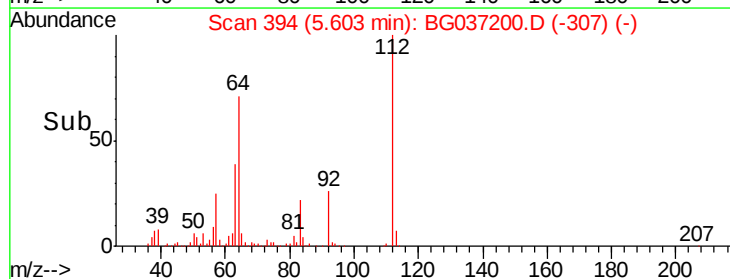
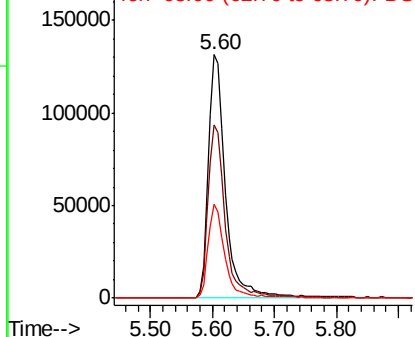


#5
 2-Fluorophenol
 Concen: 127.258 ng
 RT: 5.60 min Scan# 394
 Delta R.T. -0.02 min
 Lab File: BG037200.D
 Acq: 5 Oct 2018 22:18

Tgt Ion:112 Resp: 250105
 Ion Ratio Lower Upper
 112 100
 64 71.2 57.2 85.8
 63 38.7 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: 104.421 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.02 min

Lab File: BG037200.D

Acq: 5 Oct 2018 22:18

Instrument :

BNA_G

ClientSampleId :

OK-01-100318

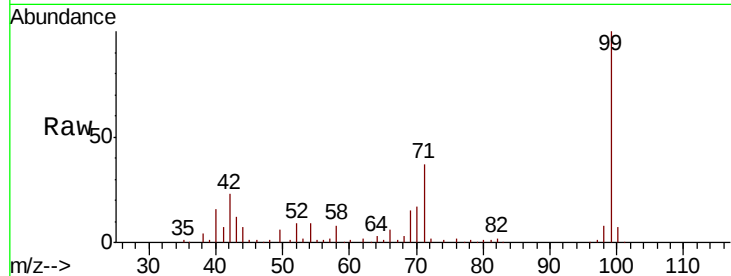
Tot Ion: 99 Resp: 317514

Ion Ratio Lower Upper

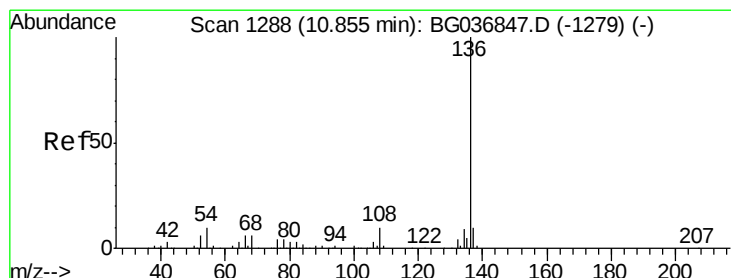
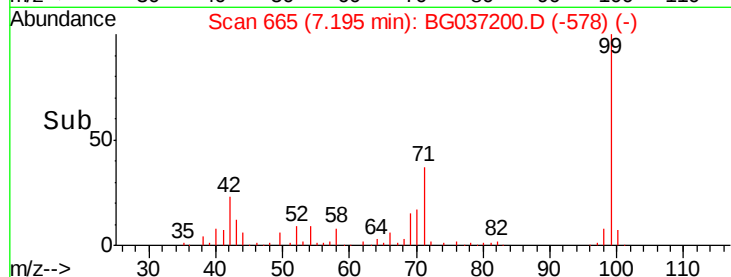
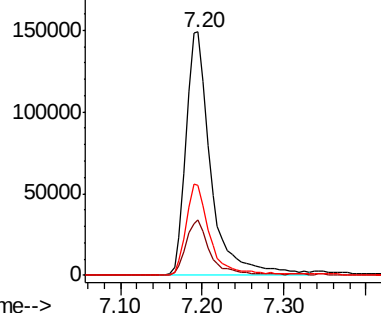
99 100

42 22.7 16.5 24.7

71 36.9 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BG037200.D

Acq: 5 Oct 2018 22:18

Tgt Ion: 136 Resp: 155140

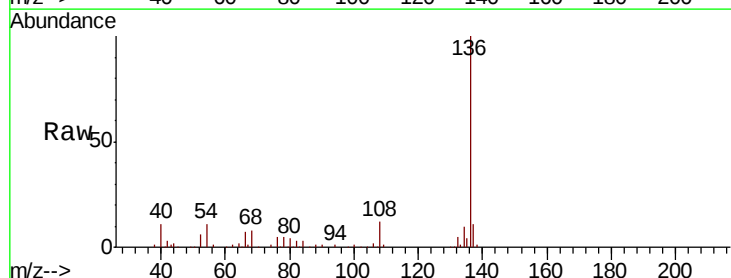
Ion Ratio Lower Upper

136 100

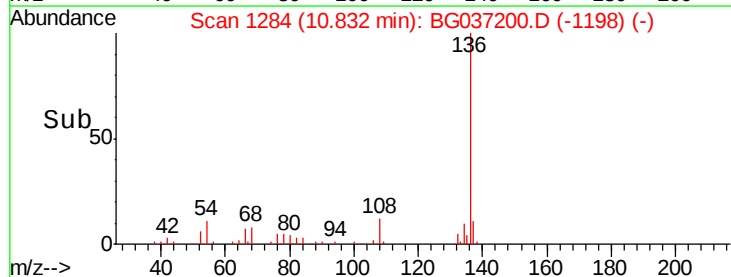
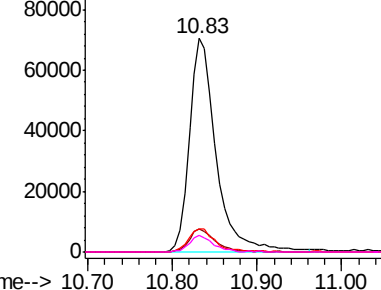
137 10.5 8.8 13.2

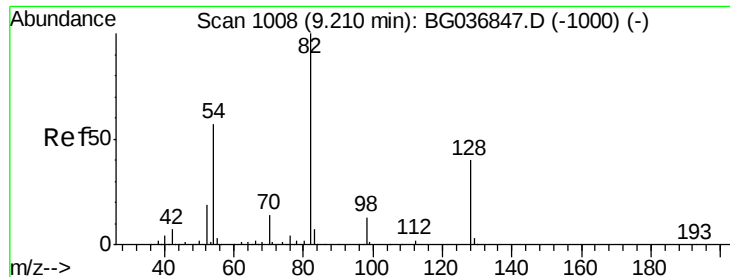
54 11.1 9.2 13.8

68 7.6 5.8 8.6



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

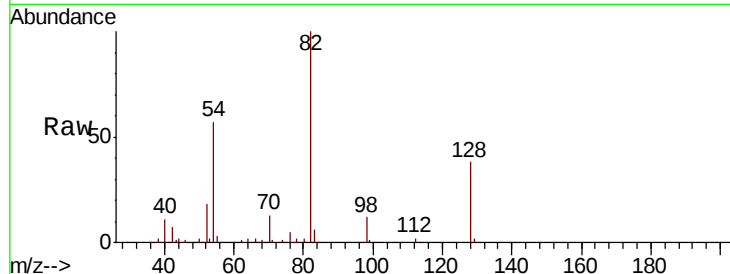




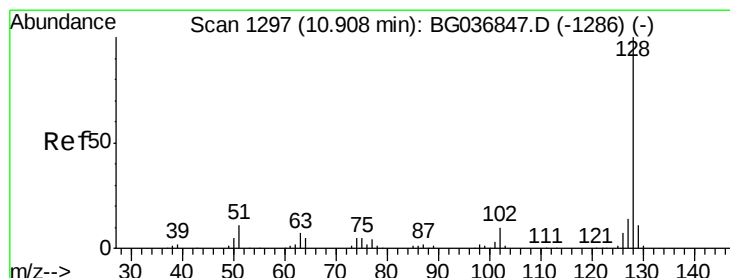
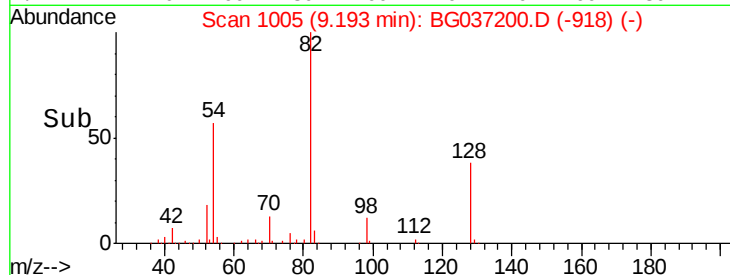
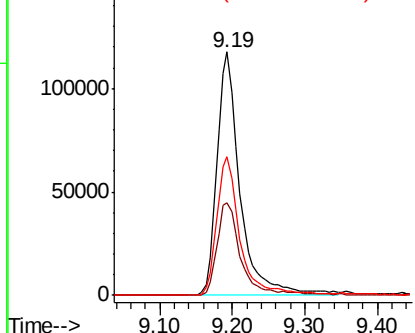
#23
Nitrobenzene-d5
Concen: 89.805 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG037200.D
Acq: 5 Oct 2018 22:18

Instrument :
BNA_G
ClientSampleId :
OK-01-100318

Tot Ion: 82 Resp: 260169
Ion Ratio Lower Upper
82 100
128 38.1 33.3 49.9
54 56.7 45.1 67.7

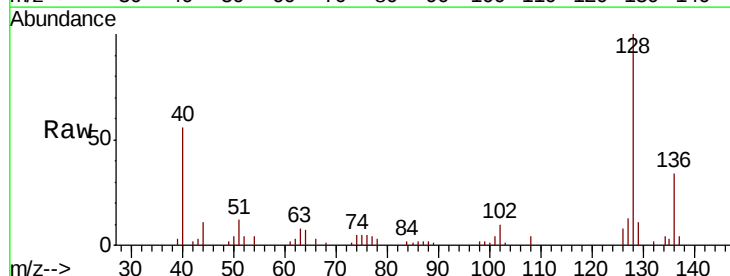


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

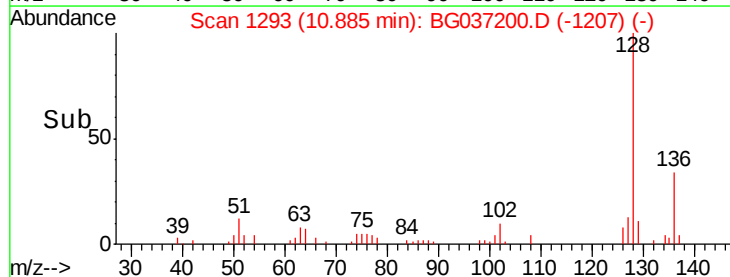
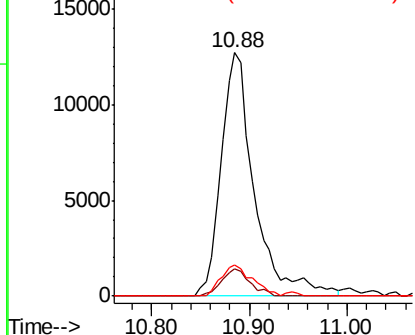


#31
Naphthalene
Concen: 4.062 ng
RT: 10.88 min Scan# 1293
Delta R.T. -0.02 min
Lab File: BG037200.D
Acq: 5 Oct 2018 22:18

Tgt Ion: 128 Resp: 29984
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.2
127 12.8 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1935

Delta R.T. -0.02 min

Lab File: BG037200.D

Acq: 5 Oct 2018 22:18

Instrument :

BNA_G

ClientSampleId :

OK-01-100318

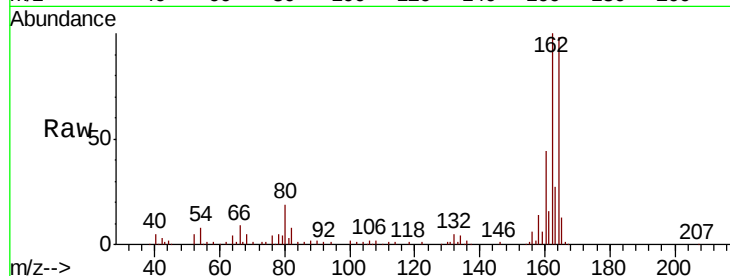
Tot Ion:164 Resp: 103918

Ion Ratio Lower Upper

164 100

162 102.0 80.7 121.1

160 45.4 35.3 52.9

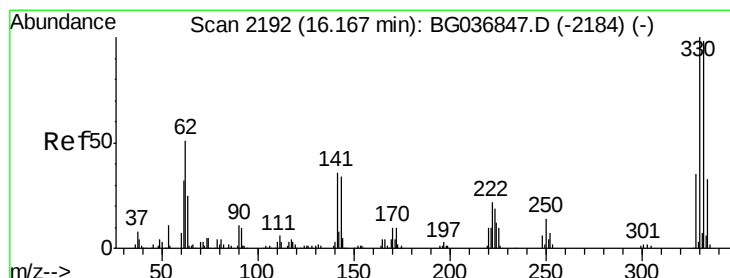
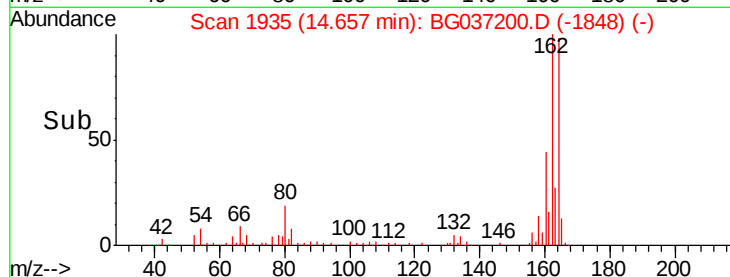
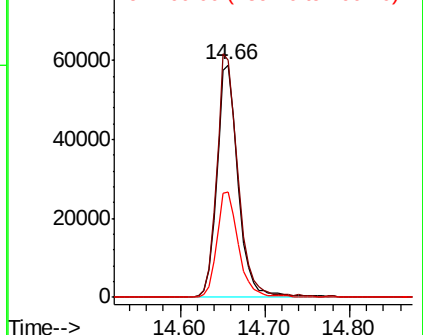


Abundance

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: 127.210 ng

RT: 16.14 min Scan# 2188

Delta R.T. -0.02 min

Lab File: BG037200.D

Acq: 5 Oct 2018 22:18

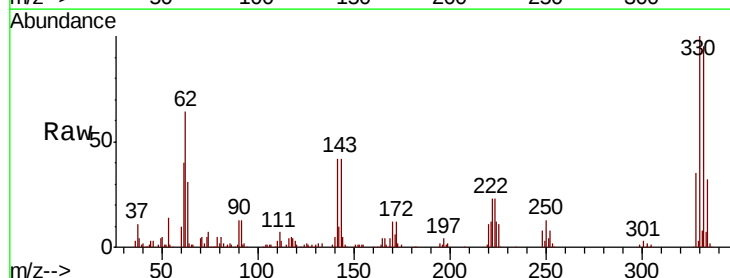
Tgt Ion:330 Resp: 158162

Ion Ratio Lower Upper

330 100

332 94.6 75.4 113.2

141 41.2 30.7 46.1

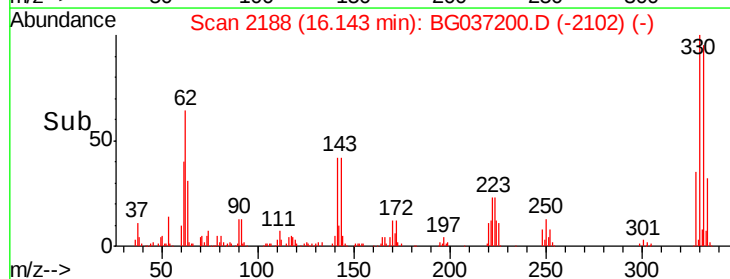
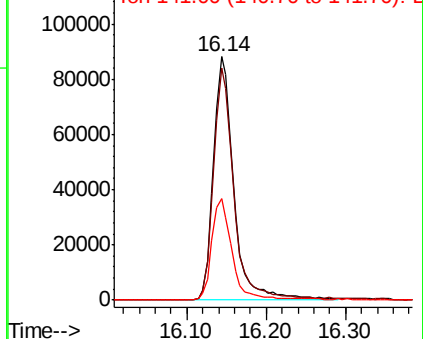


Abundance

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



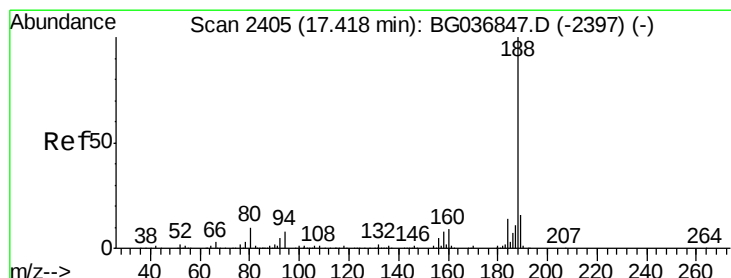
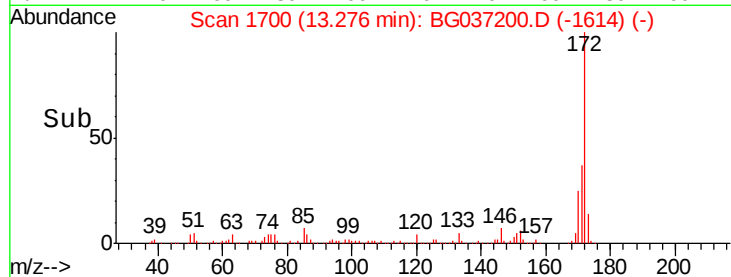
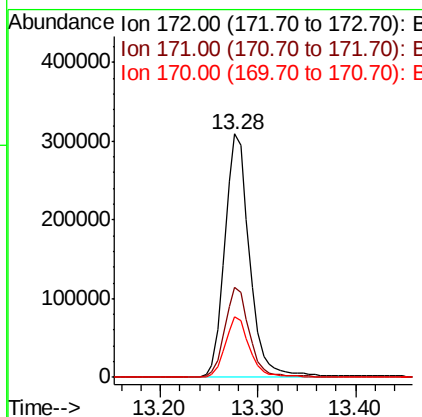
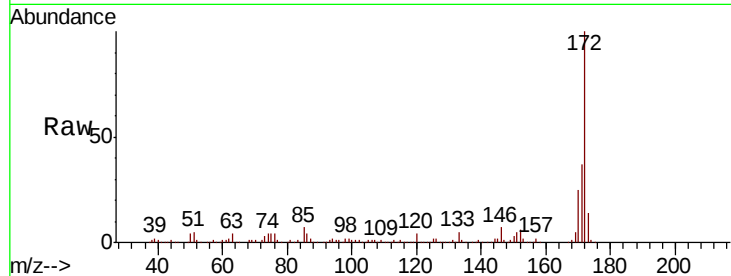


#44
 2-Fluorobiphenyl
 Concen: 78.497 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BG037200.D
 Acq: 5 Oct 2018 22:18

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-100318

Tot Ion:172 Resp: 547690

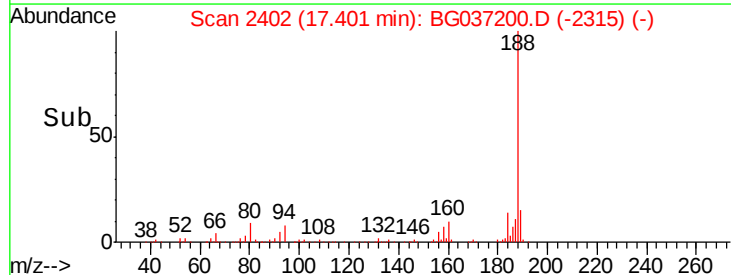
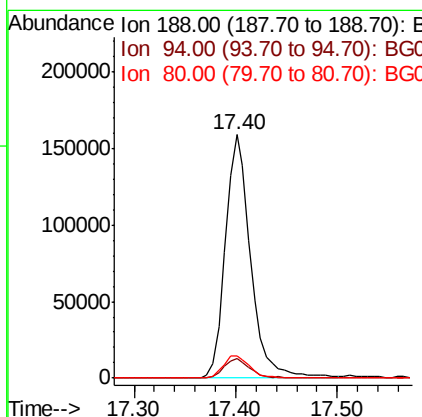
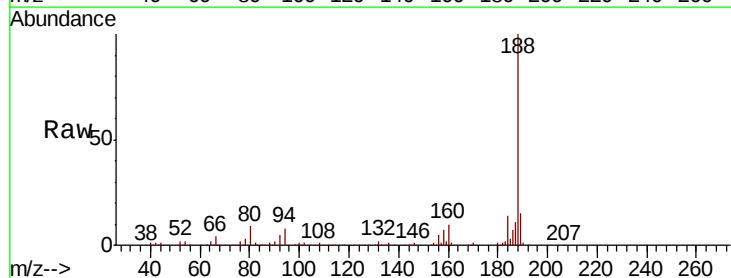
Ion	Ratio	Lower	Upper
172	100		
171	37.1	31.3	46.9
170	25.1	21.0	31.6

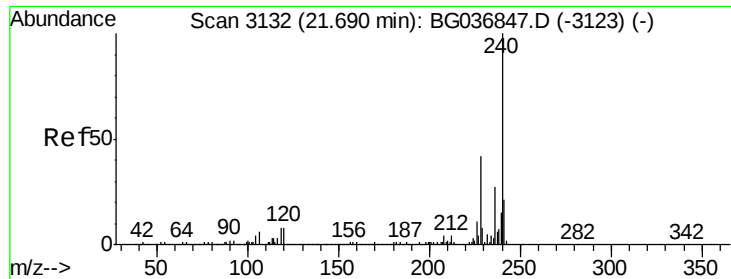


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2402
 Delta R.T. -0.02 min
 Lab File: BG037200.D
 Acq: 5 Oct 2018 22:18

Tgt Ion:188 Resp: 275069

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.7	10.1
80	8.9	8.1	12.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3128

Delta R.T. -0.02 min

Lab File: BG037200.D

Acq: 5 Oct 2018 22:18

Instrument :

BNA_G

ClientSampleId :

OK-01-100318

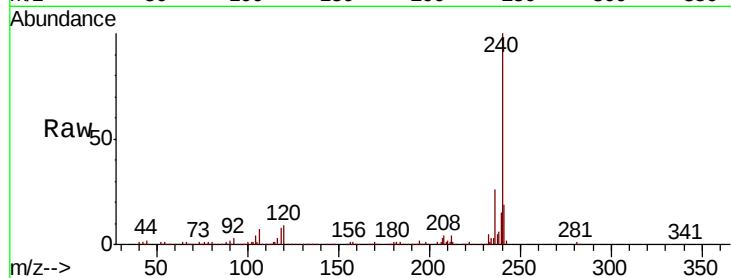
Tot Ion:240 Resp: 285008

Ion Ratio Lower Upper

240 100

120 9.1 6.9 10.3

236 25.8 21.2 31.8

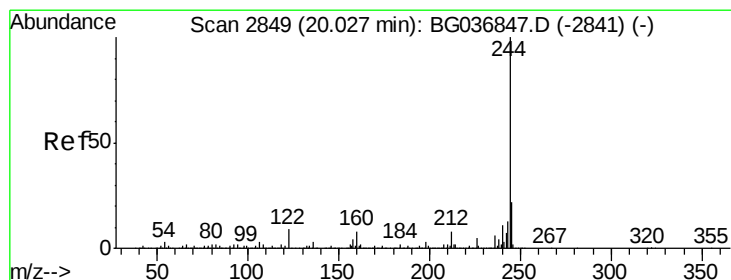
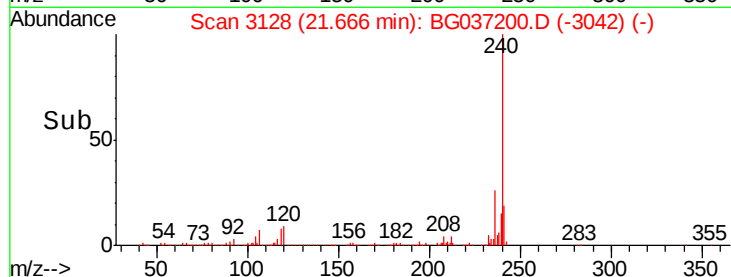
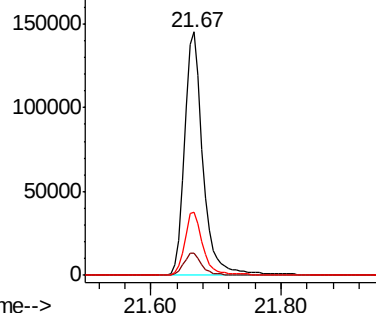


Abundance

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: 96.115 ng

RT: 20.01 min Scan# 2846

Delta R.T. -0.02 min

Lab File: BG037200.D

Acq: 5 Oct 2018 22:18

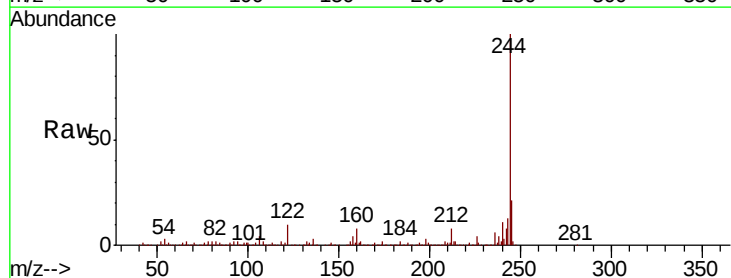
Tgt Ion:244 Resp: 1041785

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.6

122 9.5 7.1 10.7

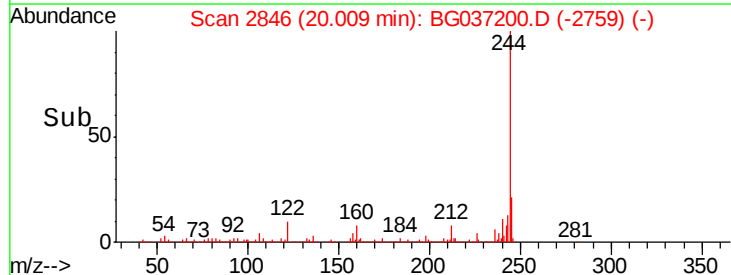
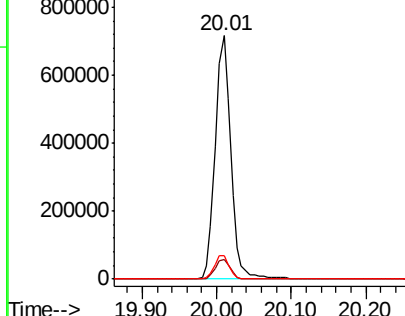


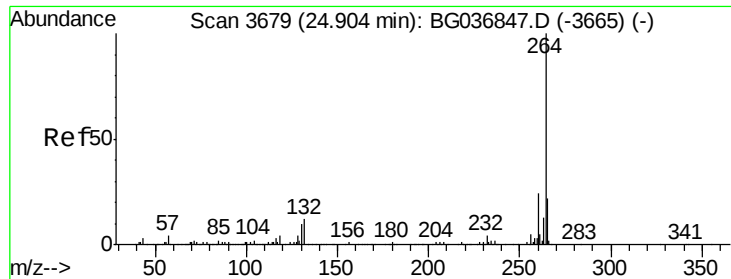
Abundance

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
Pervlene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3671
Delta R.T. -0.05 min
Lab File: BG037200.D
Acq: 5 Oct 2018 22:18

Instrument :
BNA_G
ClientSampleId :
OK-01-100318

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	21.8	17.4	26.0

