

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110618\
 Data File : BG037847.D
 Acq On : 6 Nov 2018 20:41
 Operator : JU/SJ
 Sample : J5812-32
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP4-B

Quant Time: Nov 07 09:38:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	57388	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	252608	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	168020	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	371135	20.00	ng	0.00
76) Chrysene-d12	21.76	240	324640	20.00	ng	-0.01
87) Perylene-d12	25.09	264	277652	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	368561	107.37	ng	0.00
7) Phenol-d6	7.24	99	485198	93.48	ng	0.00
23) Nitrobenzene-d5	9.27	82	370887	82.25	ng	-0.01
42) 2,4,6-Tribromophenol	16.21	330	186533	101.79	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	912944	81.93	ng	-0.01
79) Terphenyl-d14	20.07	244	1303319	85.78	ng	-0.01

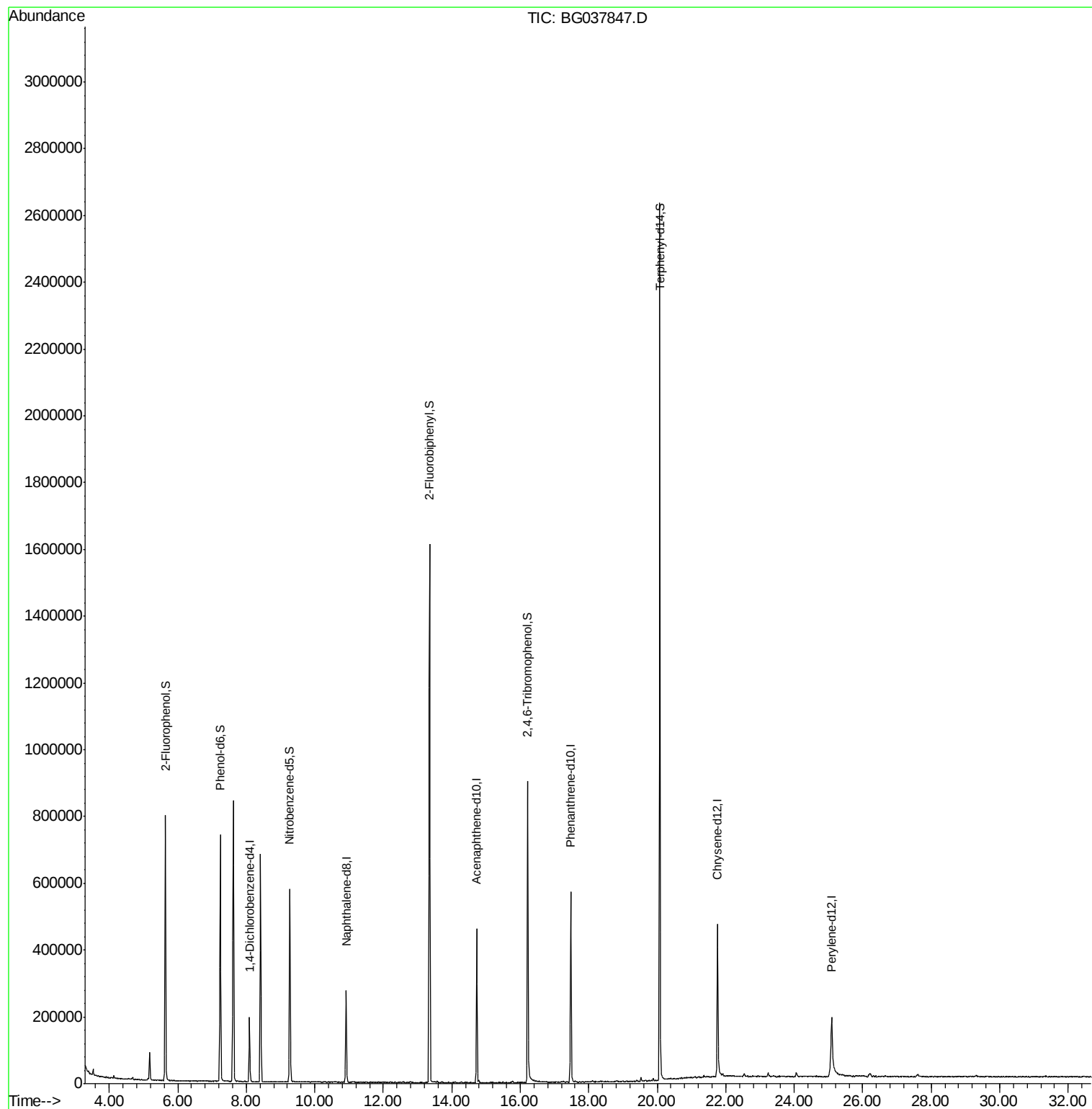
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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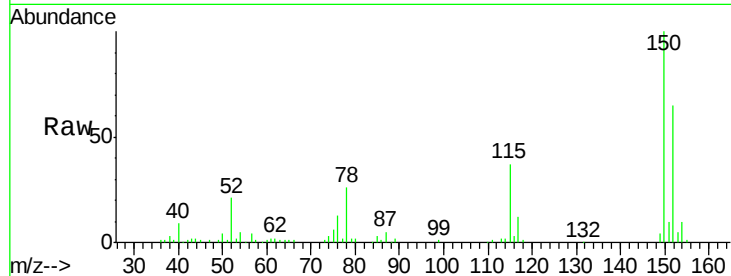


#1

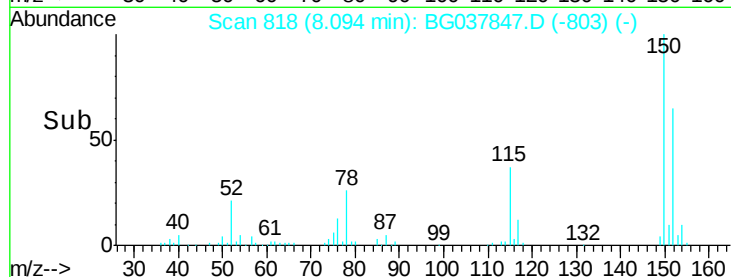
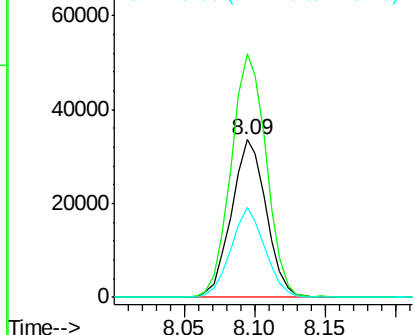
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037847.D
Acq: 6 Nov 2018 20:41

Instrument :
BNA_G
ClientSampleId :
TP4-B

Tgt Ion:152 Resp: 57388
Ion Ratio Lower Upper
152 100
150 154.3 126.0 189.0
115 56.8 45.5 68.3



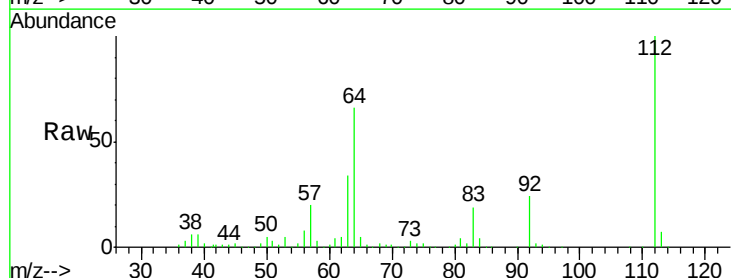
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



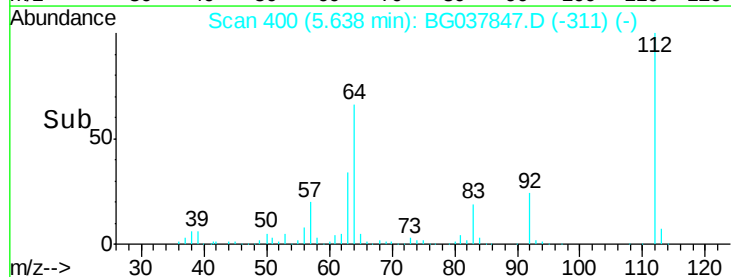
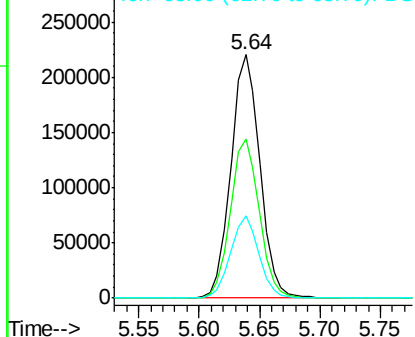
#5

2-Fluorophenol
Concen: 107.371 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037847.D
Acq: 6 Nov 2018 20:41

Tgt Ion:112 Resp: 368561
Ion Ratio Lower Upper
112 100
64 65.5 53.1 79.7
63 33.8 27.3 40.9



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: 93.478 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037847.D

Acq: 6 Nov 2018 20:41

Instrument :

BNA_G

ClientSampleId :

TP4-B

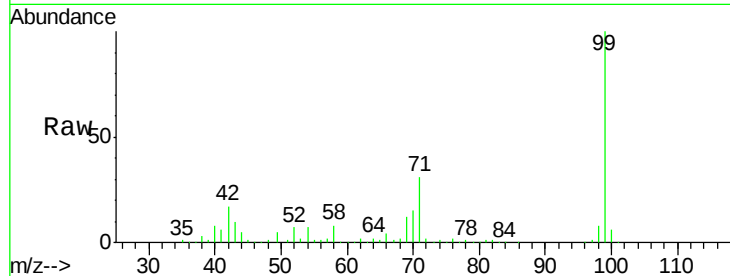
Tgt Ion: 99 Resp: 485198

Ion Ratio Lower Upper

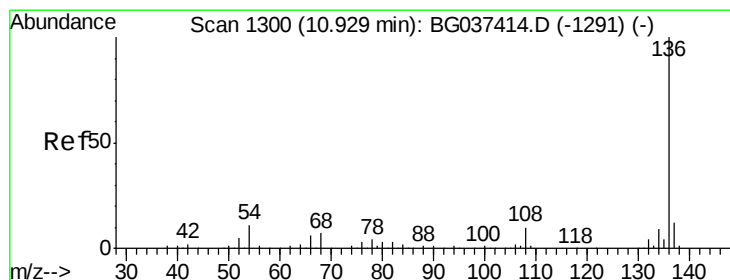
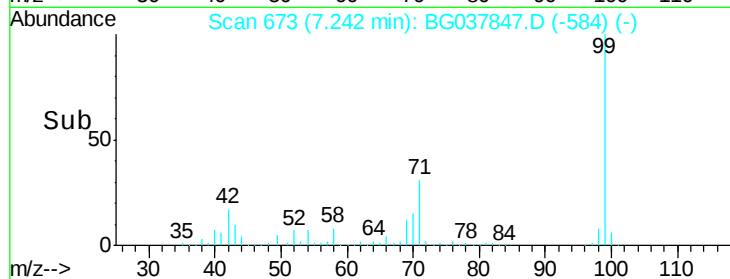
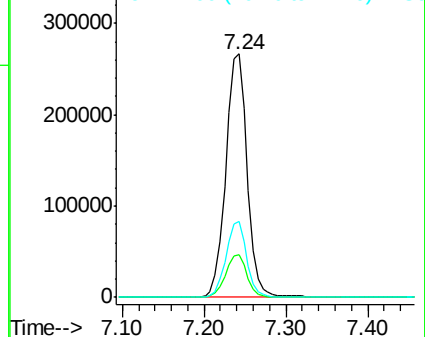
99 100

42 17.4 15.0 22.4

71 31.0 25.5 38.3



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: 10.91 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BG037847.D

Acq: 6 Nov 2018 20:41

Tgt Ion: 136 Resp: 252608

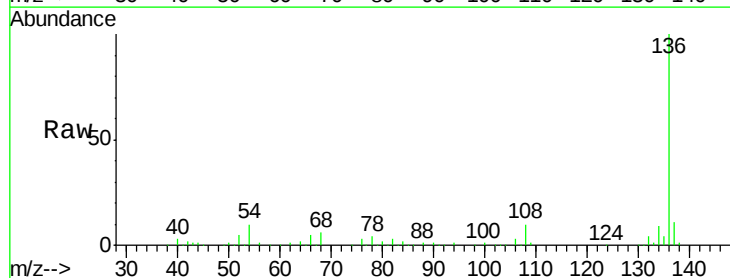
Ion Ratio Lower Upper

136 100

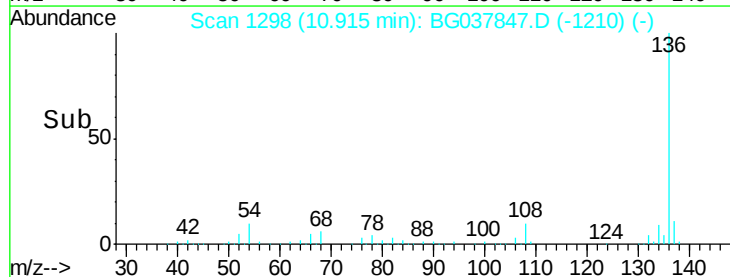
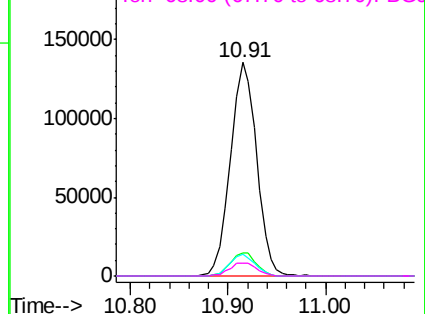
137 10.7 9.6 14.4

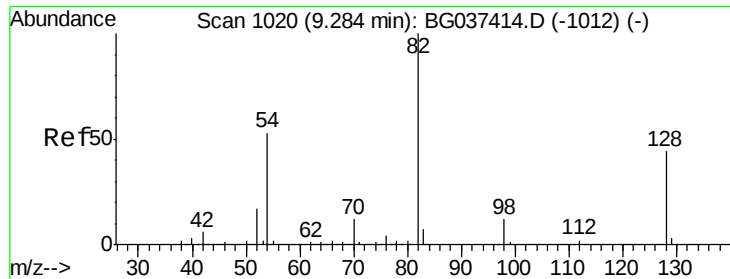
54 10.1 7.9 11.9

68 5.9 4.8 7.2



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: 82.249 ng

RT: 9.27 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BG037847.D

Acq: 6 Nov 2018 20:41

Instrument :

BNA_G

ClientSampleId :

TP4-B

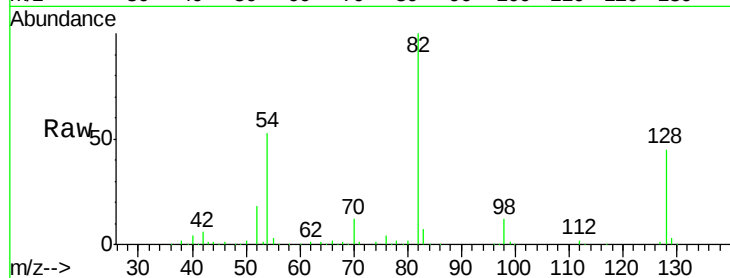
Tgt Ion: 82 Resp: 370887

Ion Ratio Lower Upper

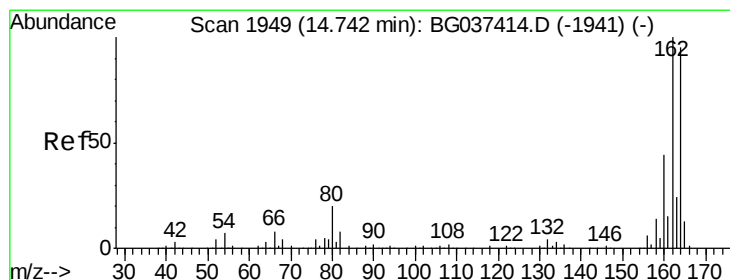
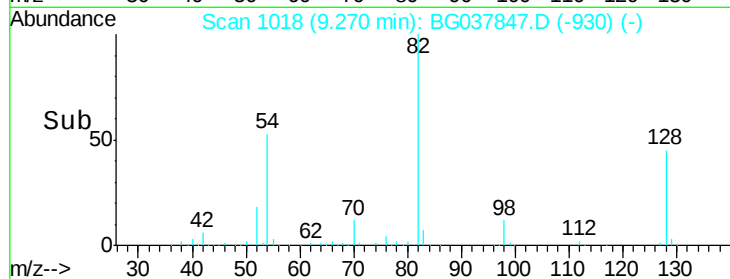
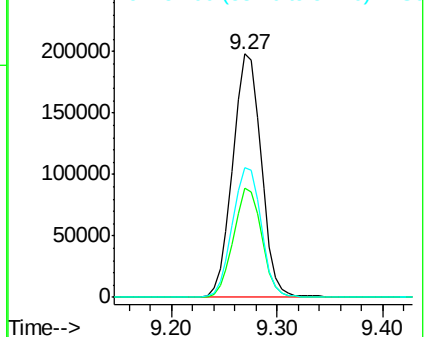
82 100

128 44.7 34.6 51.8

54 53.3 45.3 67.9



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037847.D

Acq: 6 Nov 2018 20:41

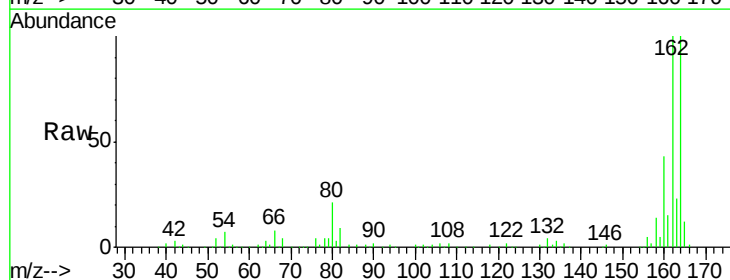
Tgt Ion: 164 Resp: 168020

Ion Ratio Lower Upper

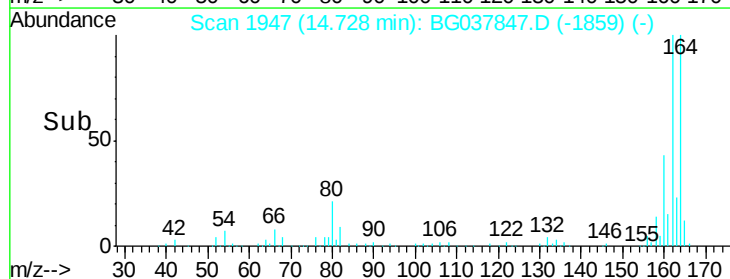
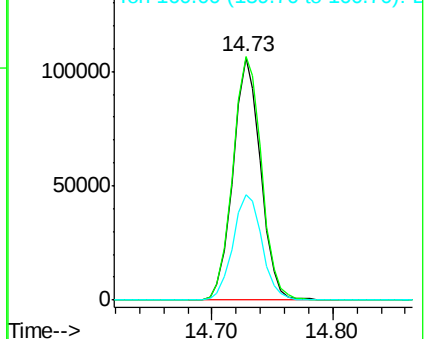
164 100

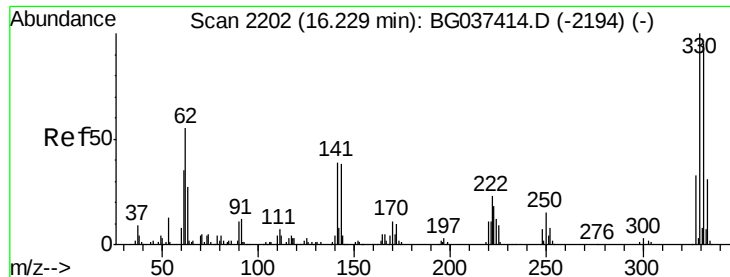
162 100.5 81.3 121.9

160 43.6 36.3 54.5



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





#42

2,4,6-Tribromophenol

Concen: 101.787 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG037847.D

Acq: 6 Nov 2018 20:41

Instrument :

BNA_G

ClientSampleId :

TP4-B

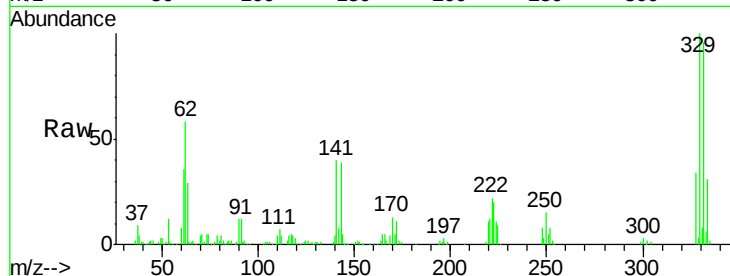
Tgt Ion:330 Resp: 186533

Ion Ratio Lower Upper

330 100

332 94.4 78.4 117.6

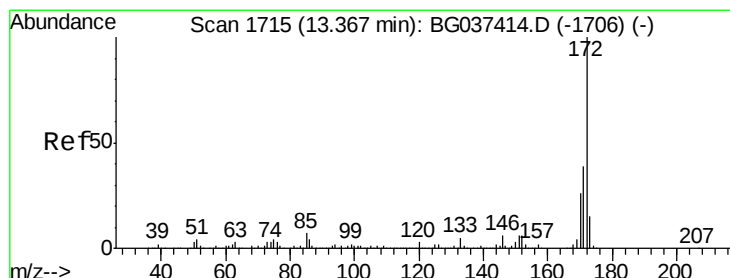
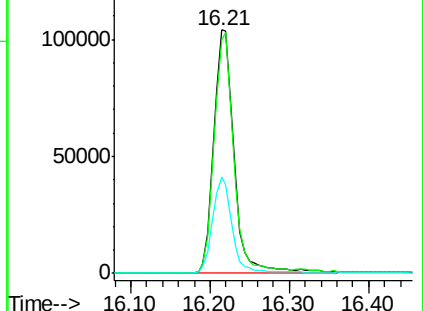
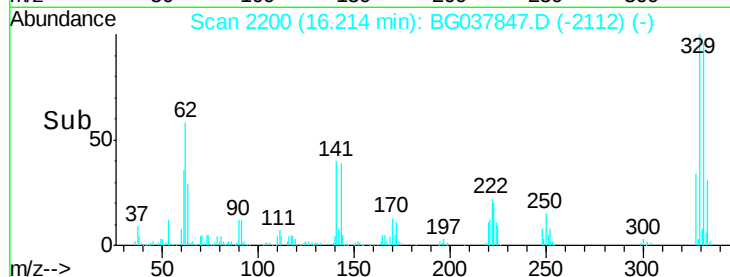
141 38.2 32.2 48.2



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



#45

2-Fluorobiphenyl

Concen: 81.935 ng

RT: 13.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: BG037847.D

Acq: 6 Nov 2018 20:41

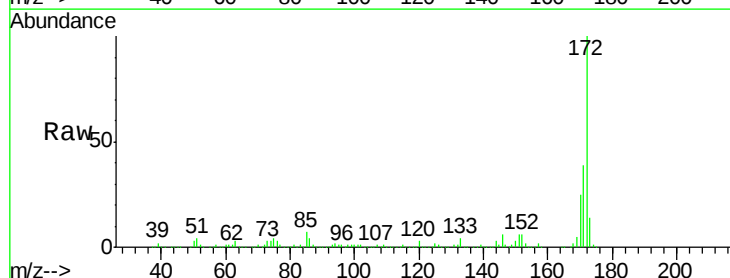
Tgt Ion:172 Resp: 912944

Ion Ratio Lower Upper

172 100

171 38.5 31.0 46.4

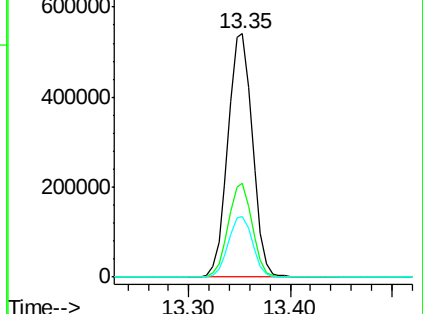
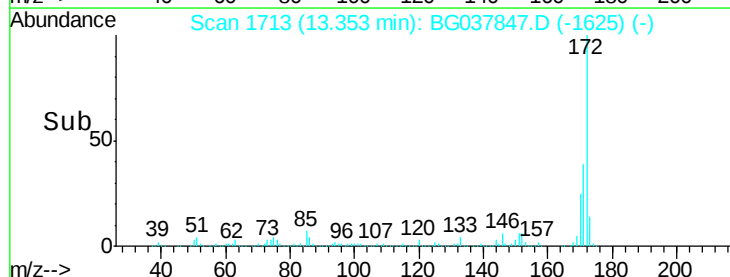
170 24.9 20.2 30.2

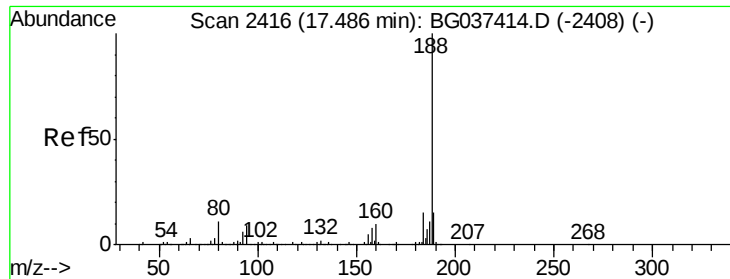


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BG037847.D

Acq: 6 Nov 2018 20:41

Instrument :

BNA_G

ClientSampleId :

TP4-B

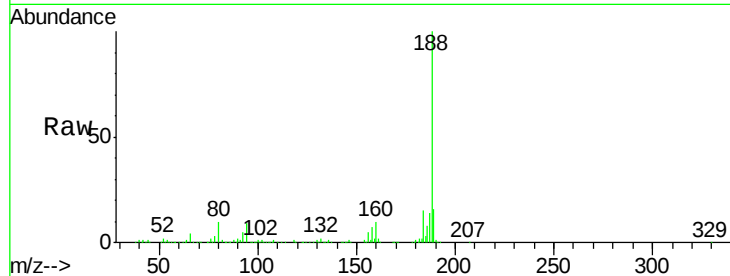
Tgt Ion:188 Resp: 371135

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

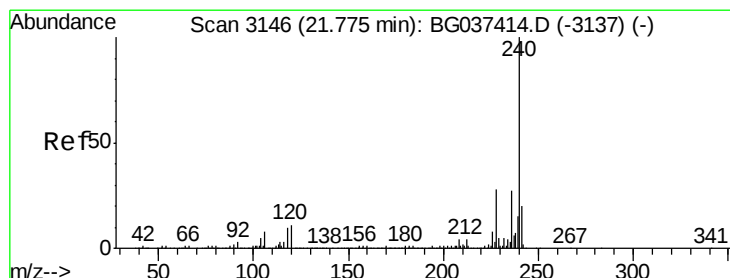
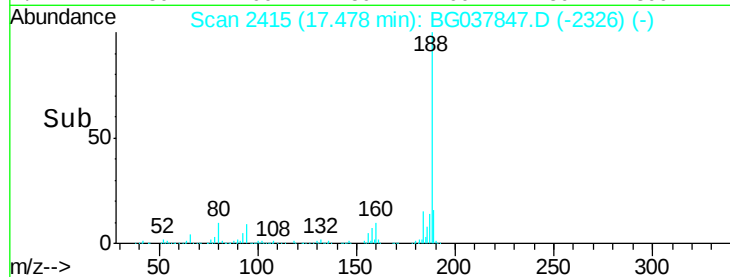
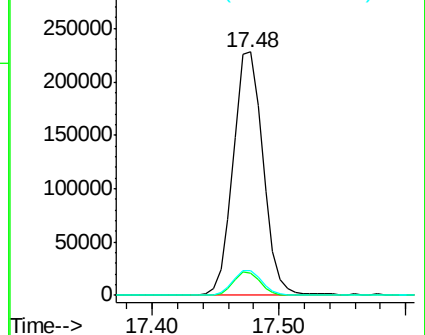
80 10.0 7.7 11.5



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG037847.D

Acq: 6 Nov 2018 20:41

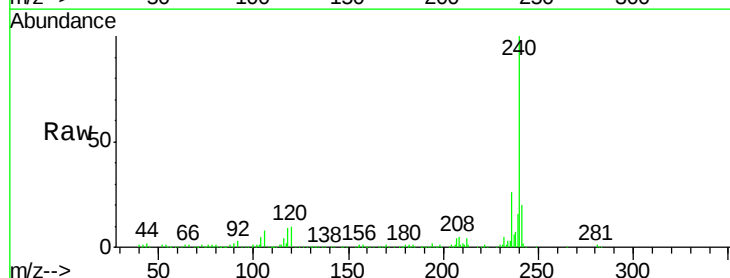
Tgt Ion:240 Resp: 324640

Ion Ratio Lower Upper

240 100

120 10.2 8.1 12.1

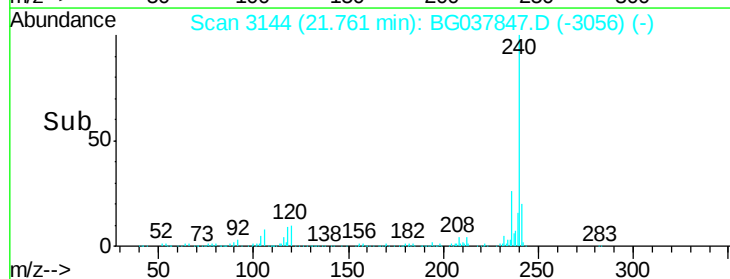
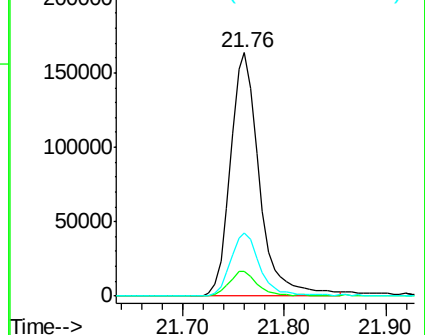
236 26.1 21.4 32.0

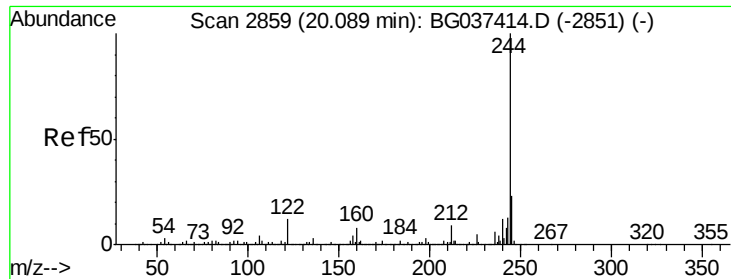


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 85.784 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037847.D

Acq: 6 Nov 2018 20:41

Instrument :

BNA_G

ClientSampleId :

TP4-B

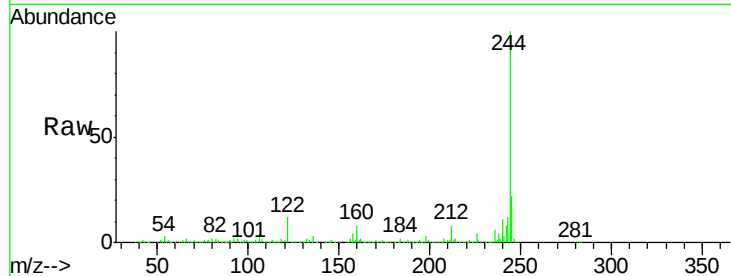
Tgt Ion:244 Resp: 1303319

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

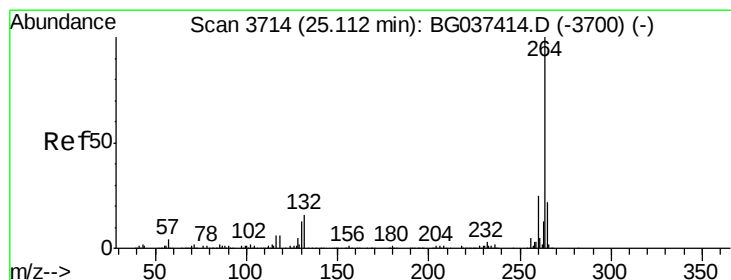
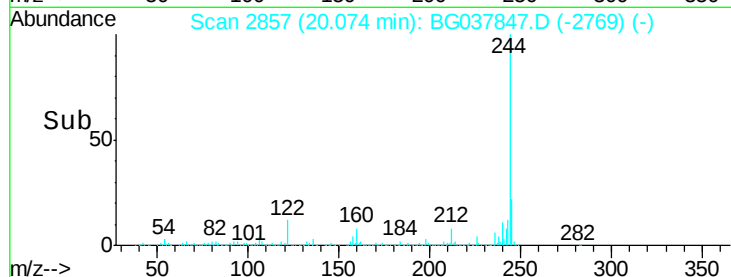
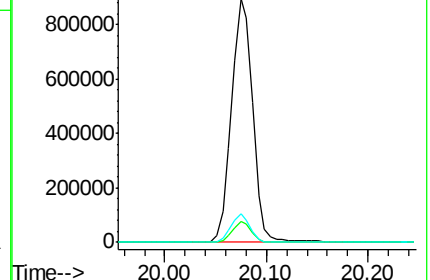
122 11.7 9.0 13.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3711

Delta R.T. -0.02 min

Lab File: BG037847.D

Acq: 6 Nov 2018 20:41

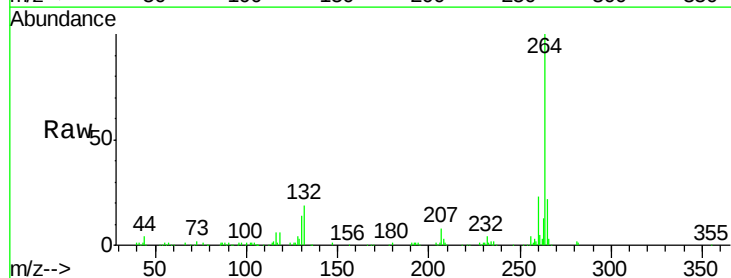
Tgt Ion:264 Resp: 277652

Ion Ratio Lower Upper

264 100

260 22.5 18.2 27.4

265 21.6 17.9 26.9



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

