

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103018\
 Data File : BG037671.D
 Acq On : 31 Oct 2018 3:05
 Operator : JU/SJ
 Sample : J5194-12
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-102618-C

Quant Time: Oct 31 09:19:55 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	8.10	152	60160	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	268291	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	181984	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	417244	20.00	ng	0.00
76) Chrysene-d12	21.76	240	385299	20.00	ng	-0.01
87) Perylene-d12	25.10	264	333666	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	414471	115.18	ng	0.00
7) Phenol-d6	7.24	99	551856	101.42	ng	0.00
23) Nitrobenzene-d5	9.28	82	408181	85.23	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	211454	106.53	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	968603	80.26	ng	-0.01
79) Terphenyl-d14	20.08	244	1438292	79.76	ng	0.00

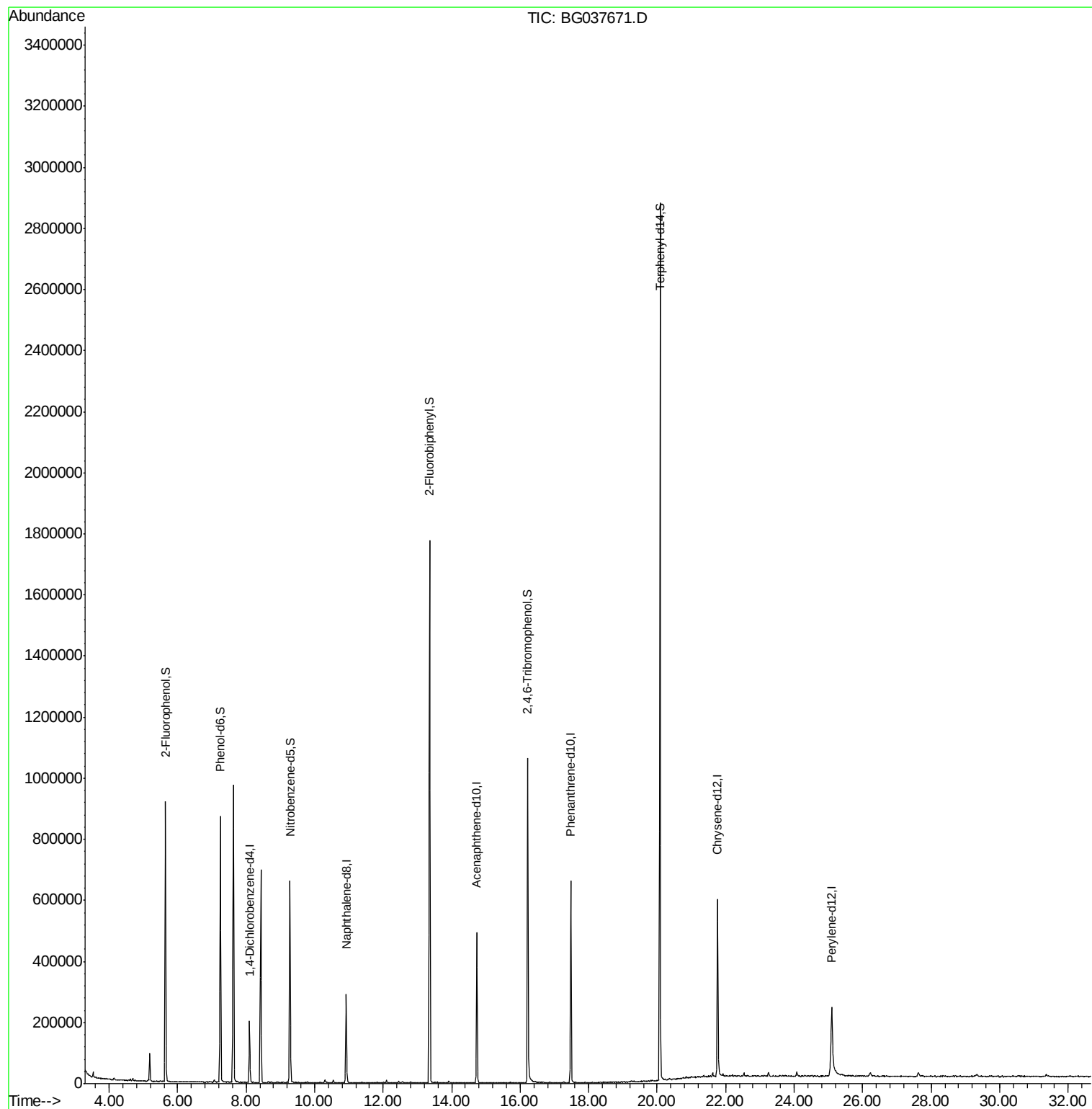
Target Compounds Qvalue

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103018\
Data File : BG037671.D
Acq On : 31 Oct 2018 3:05
Operator : JU/SJ
Sample : J5194-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-C

Quant Time: Oct 31 09:19:55 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.10 min Scan# 819

Delta R.T. -0.01 min

Lab File: BG037671.D

Acq: 31 Oct 2018 3:05

Instrument :

BNA_G

ClientSampleId :

HR-05-102618-C

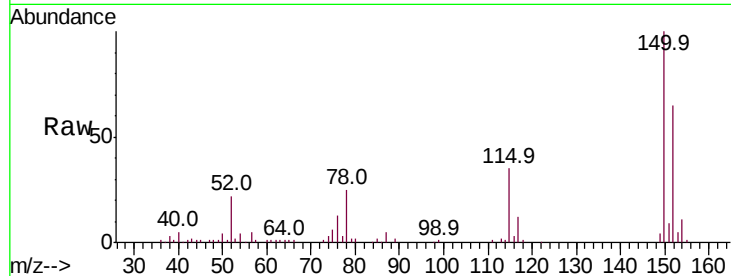
Tot Ion:152 Resp: 60160

Ion Ratio Lower Upper

152 100

150 154.2 126.0 189.0

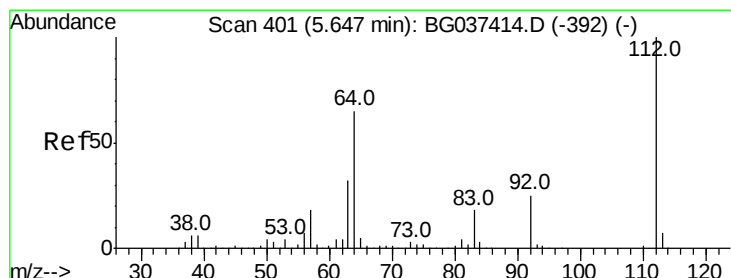
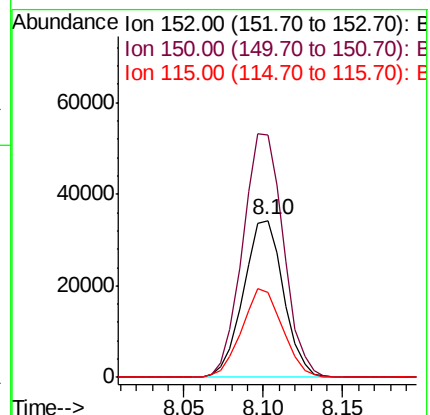
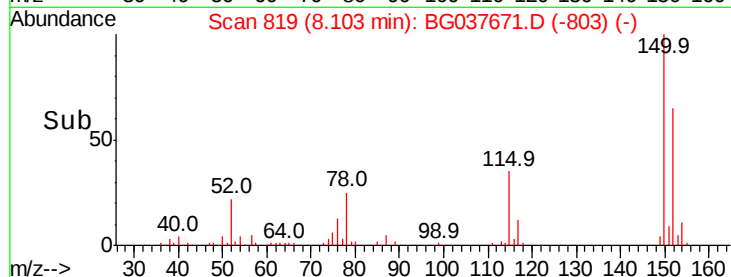
115 54.5 45.5 68.3



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: 115.182 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG037671.D

Acq: 31 Oct 2018 3:05

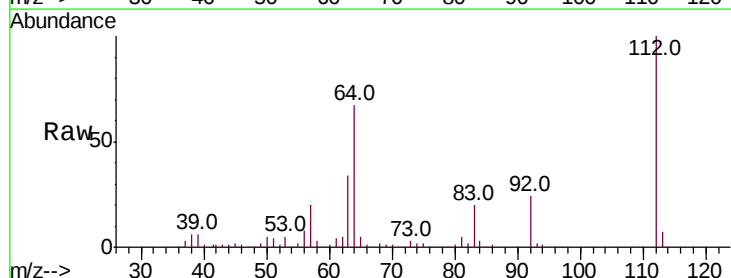
Tgt Ion:112 Resp: 414471

Ion Ratio Lower Upper

112 100

64 66.6 53.1 79.7

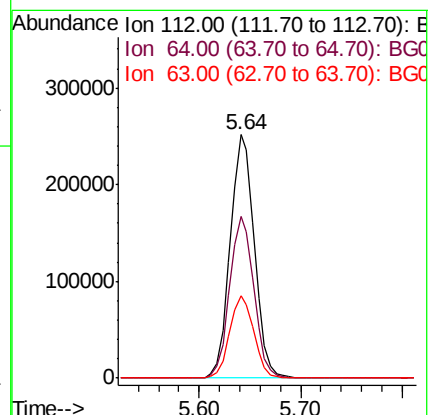
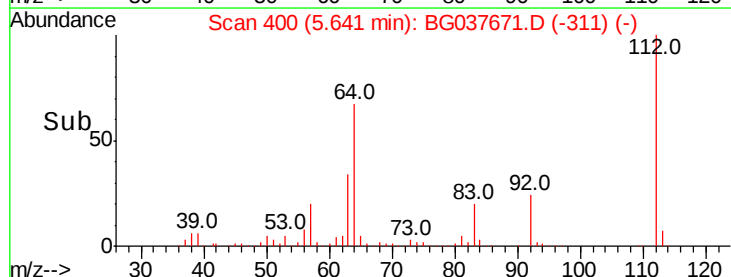
63 34.1 27.3 40.9

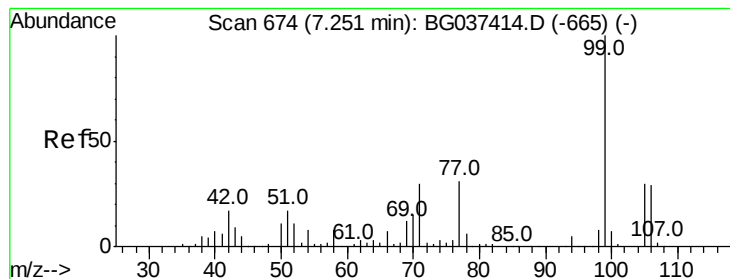


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 101.421 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037671.D

Acq: 31 Oct 2018 3:05

Instrument :

BNA_G

ClientSampleId :

HR-05-102618-C

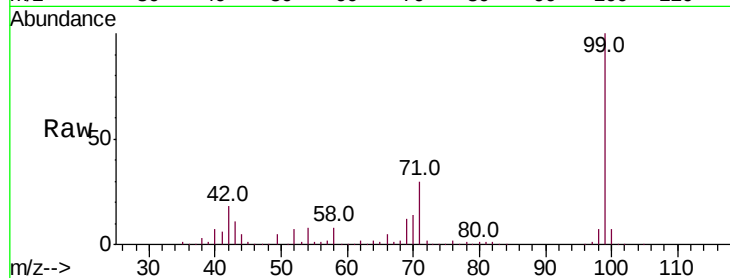
Tot Ion: 99 Resp: 551856

Ion Ratio Lower Upper

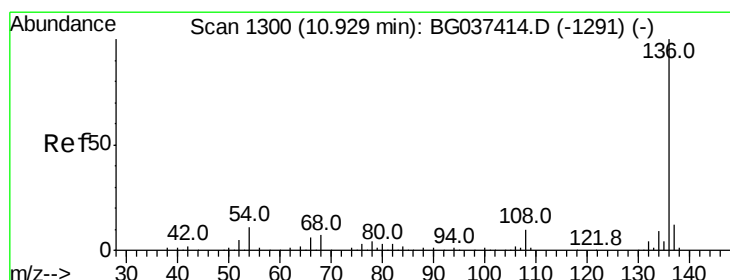
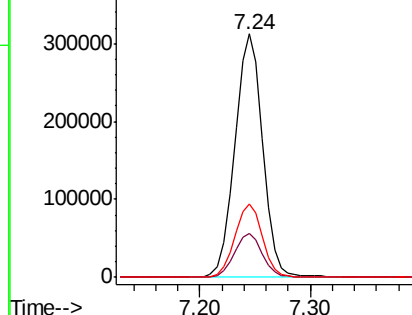
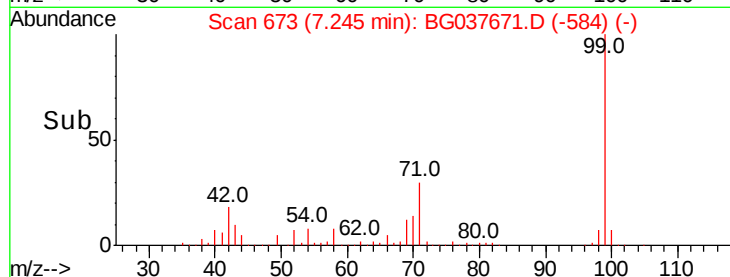
99 100

42 17.8 15.0 22.4

71 30.2 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: 10.92 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BG037671.D

Acq: 31 Oct 2018 3:05

Tgt Ion: 136 Resp: 268291

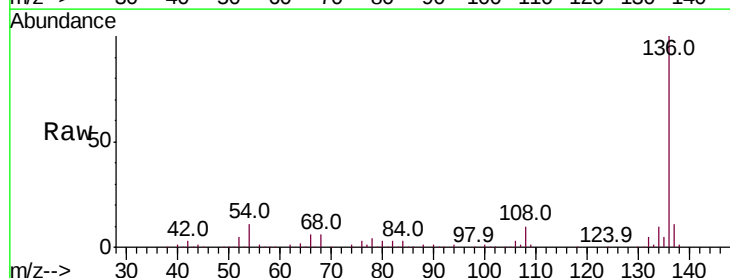
Ion Ratio Lower Upper

136 100

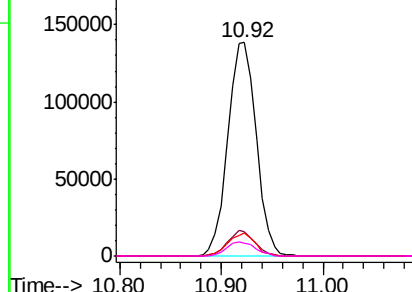
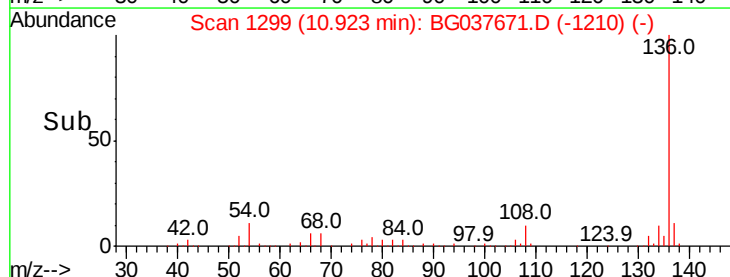
137 11.5 9.6 14.4

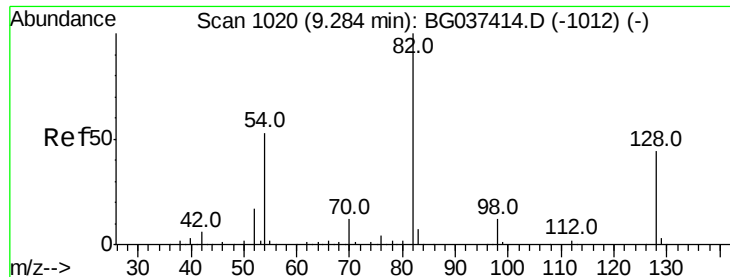
54 10.6 7.9 11.9

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

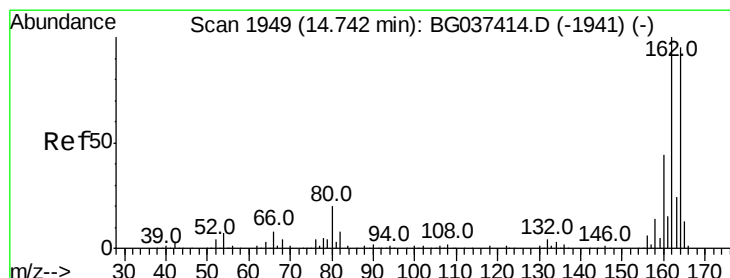
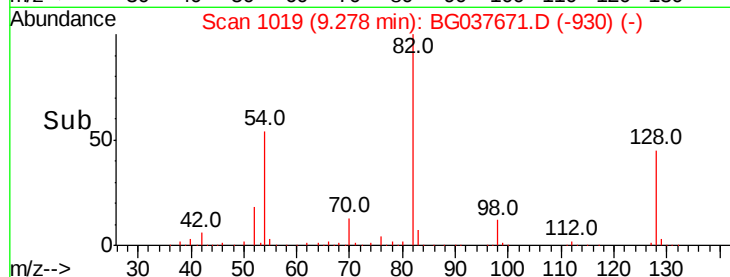
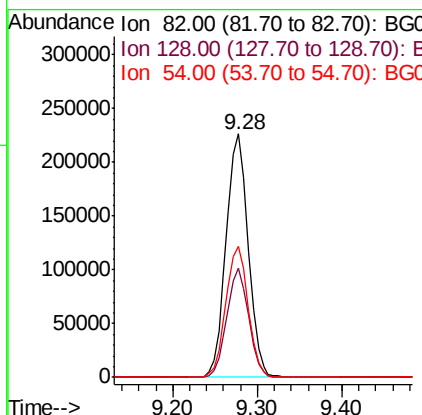
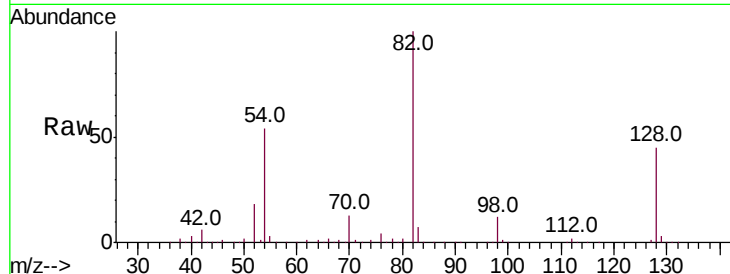




#23
 Nitrobenzene-d5
 Concen: 85.228 ng
 RT: 9.28 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BG037671.D
 Acq: 31 Oct 2018 3:05

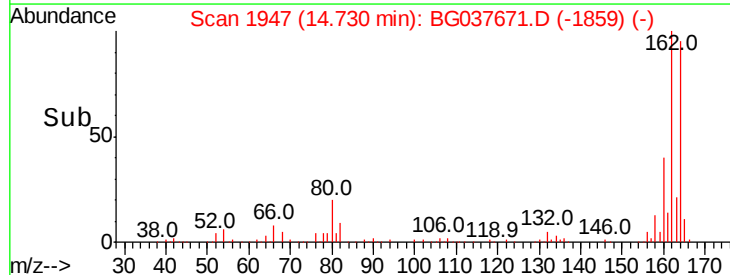
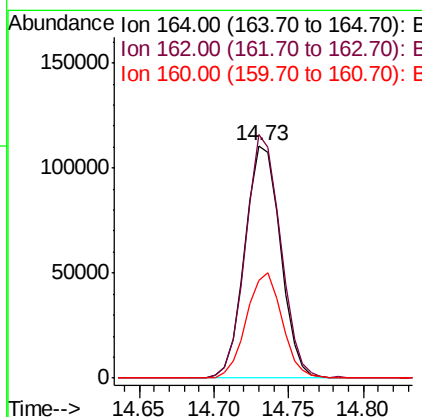
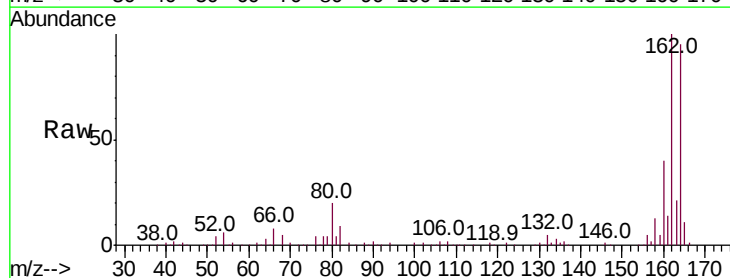
Instrument :
 BNA_G
 ClientSampleId :
 HR-05-102618-C

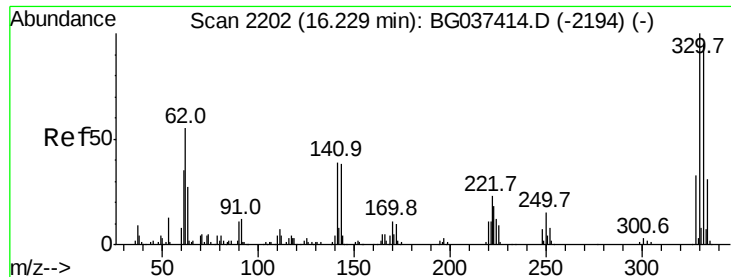
Tot Ion	82	Resp	408181
Ion Ratio	100		
Lower	34.6		
Upper	51.8		
54	53.6	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.01 min
 Lab File: BG037671.D
 Acq: 31 Oct 2018 3:05

Tgt Ion	164	Resp	181984
Ion Ratio	100		
Lower	81.3		
Upper	121.9		
162	104.9	36.3	54.5

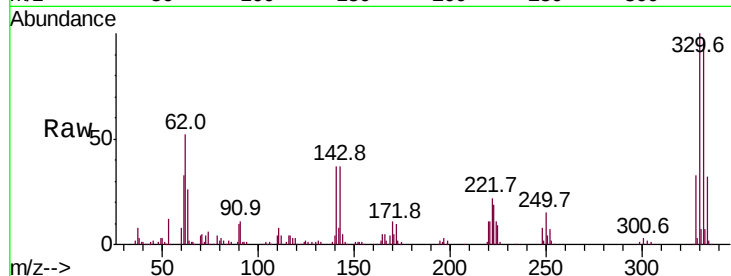




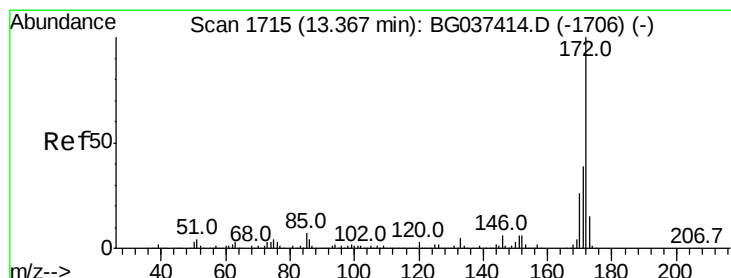
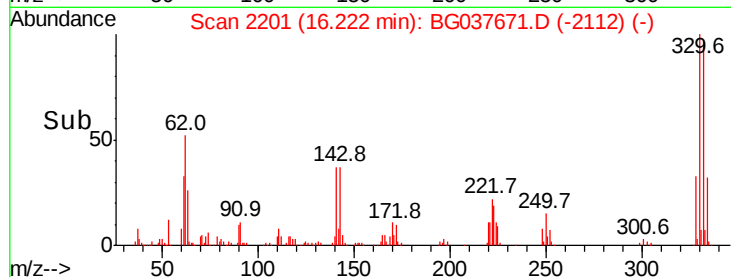
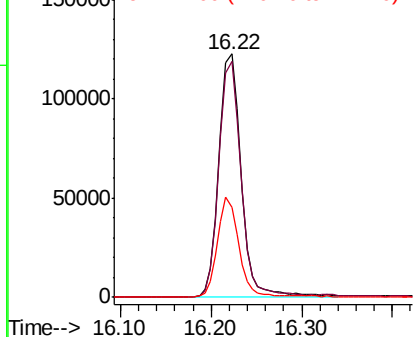
#42
 2,4,6-Tribromophenol
 Concen: 106.532 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG037671.D
 Acq: 31 Oct 2018 3:05

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-102618-C

Tot Ion:330 Resp: 211454
 Ion Ratio Lower Upper
 330 100
 332 96.3 78.4 117.6
 141 38.7 32.2 48.2

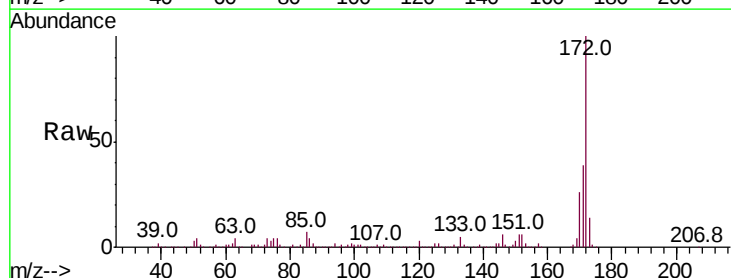


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

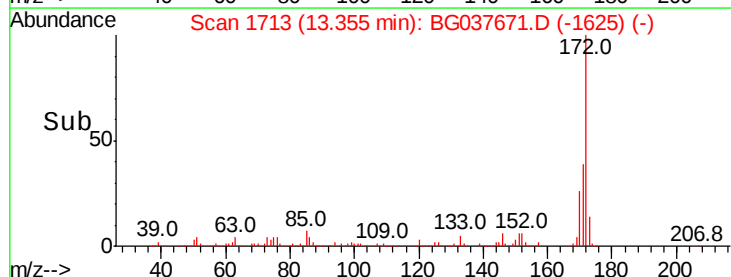
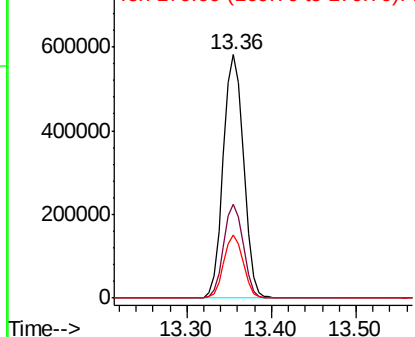


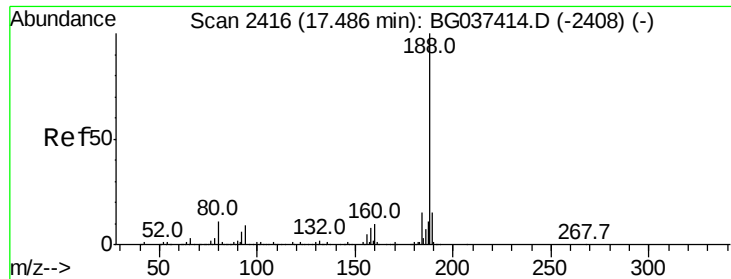
#45
 2-Fluorobiphenyl
 Concen: 80.260 ng
 RT: 13.36 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037671.D
 Acq: 31 Oct 2018 3:05

Tgt Ion:172 Resp: 968603
 Ion Ratio Lower Upper
 172 100
 171 38.7 31.0 46.4
 170 26.1 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: BG037671.D

Acq: 31 Oct 2018 3:05

Instrument :

BNA_G

ClientSampleId :

HR-05-102618-C

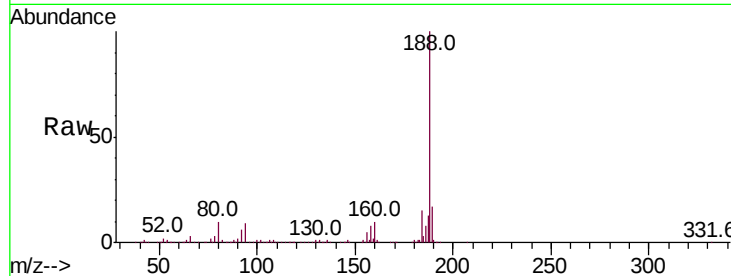
Tot Ion:188 Resp: 417244

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

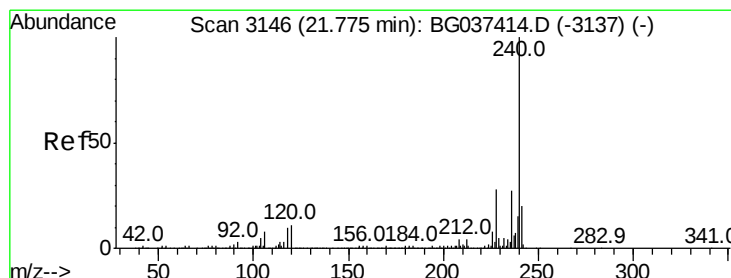
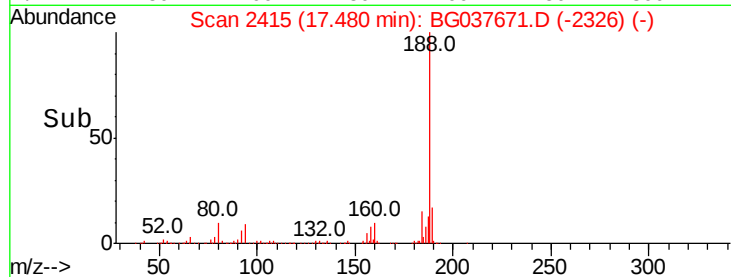
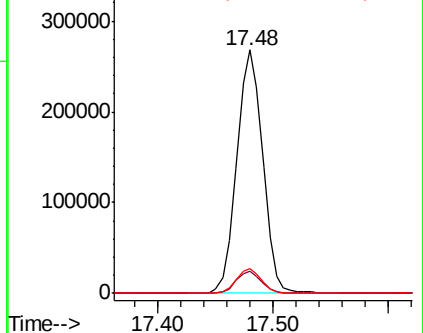
80 10.3 7.7 11.5



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG037671.D

Acq: 31 Oct 2018 3:05

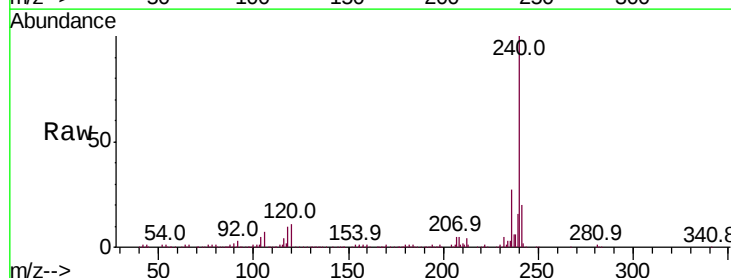
Tgt Ion:240 Resp: 385299

Ion Ratio Lower Upper

240 100

120 11.4 8.1 12.1

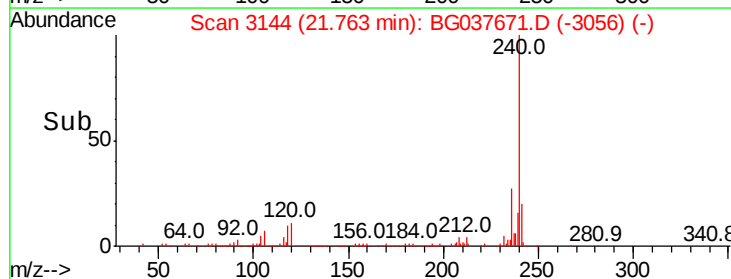
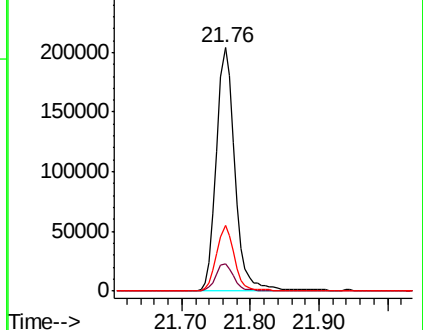
236 27.0 21.4 32.0



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: 79.764 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037671.D

Acq: 31 Oct 2018 3:05

Instrument :

BNA_G

ClientSampleId :

HR-05-102618-C

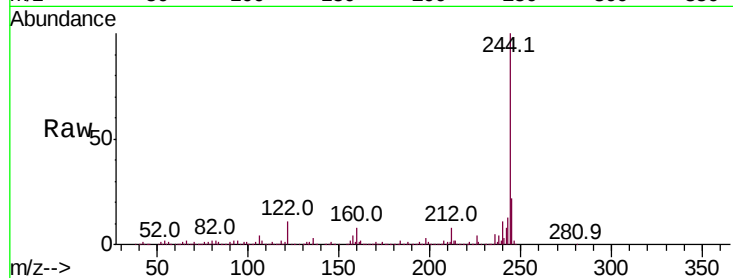
Tot Ion:244 Resp: 1438292

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

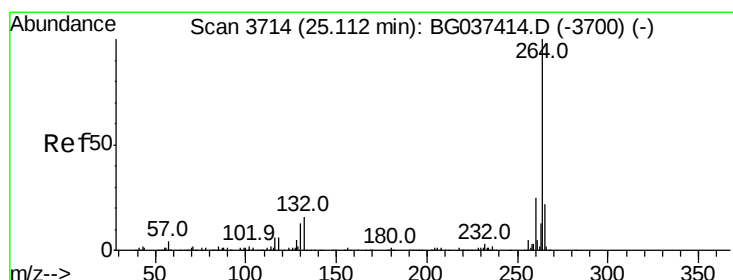
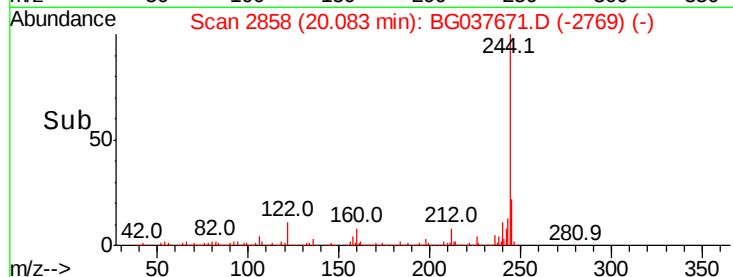
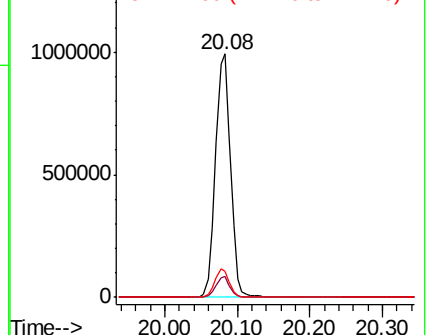
122 10.6 9.0 13.4



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: 25.10 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG037671.D

Acq: 31 Oct 2018 3:05

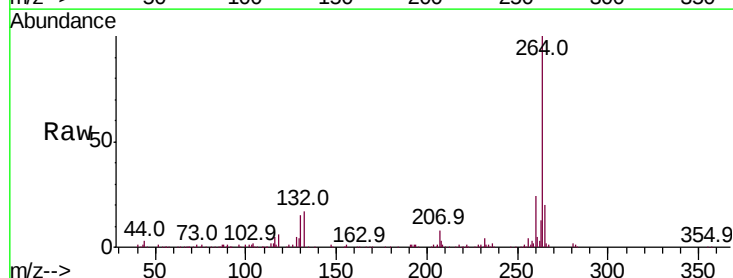
Tgt Ion:264 Resp: 333666

Ion Ratio Lower Upper

264 100

260 24.1 18.2 27.4

265 20.3 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

