

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110518\
 Data File : BG037813.D
 Acq On : 5 Nov 2018 21:41
 Operator : JU/SJ
 Sample : J5794-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-11-S

Quant Time: Nov 06 04:59:10 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	56388	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	248869	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	162094	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	356302	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	314826	20.00	ng	-0.01
87) Perylene-d12	25.09	264	231075	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	364054	107.94	ng	-0.01
7) Phenol-d6	7.24	99	467284	91.62	ng	-0.01
23) Nitrobenzene-d5	9.27	82	364969	82.15	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	165613	93.68	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	894931	83.25	ng	-0.02
79) Terphenyl-d14	20.08	244	1280263	86.89	ng	-0.01

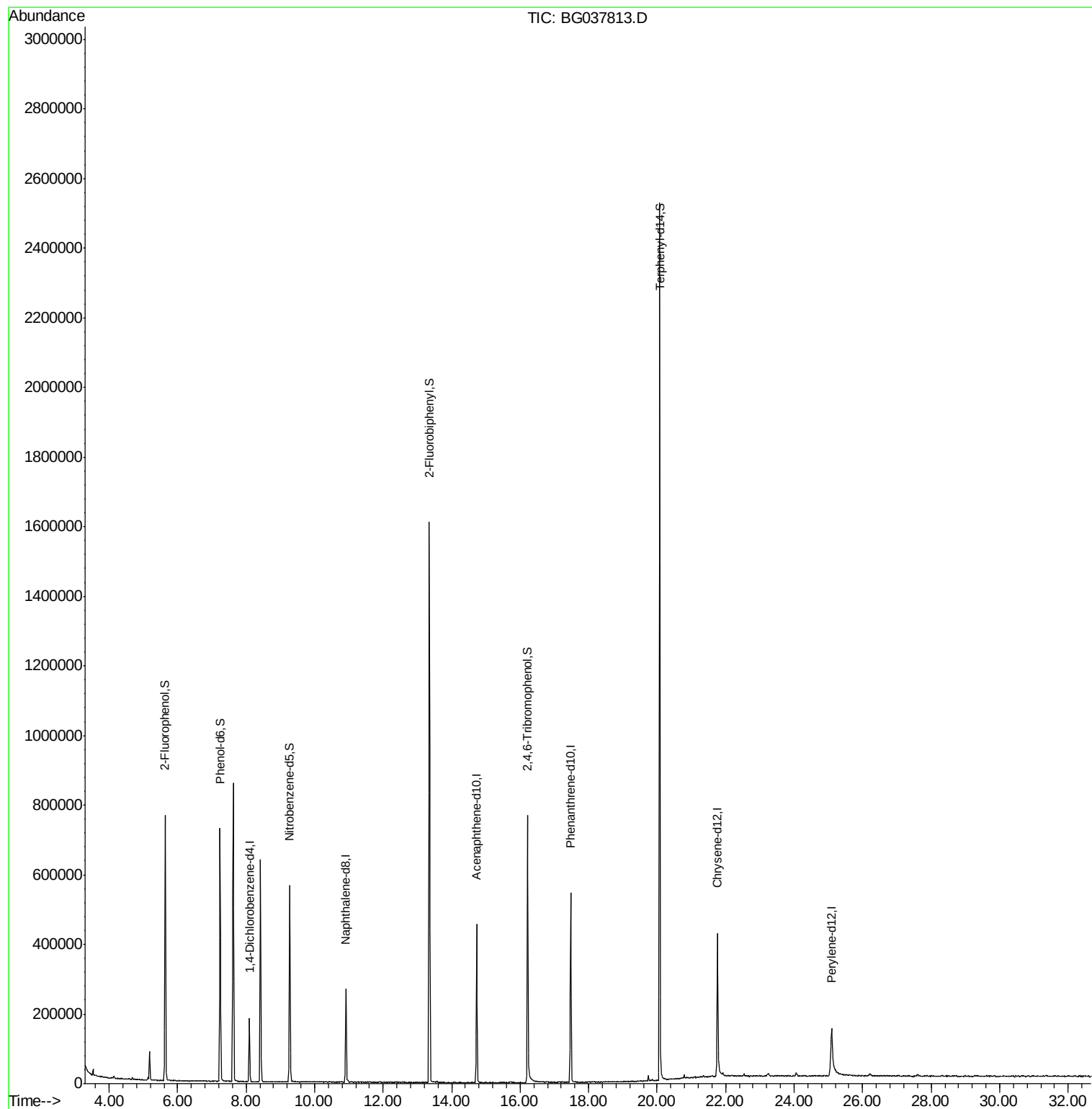
Target Compounds Qvalue

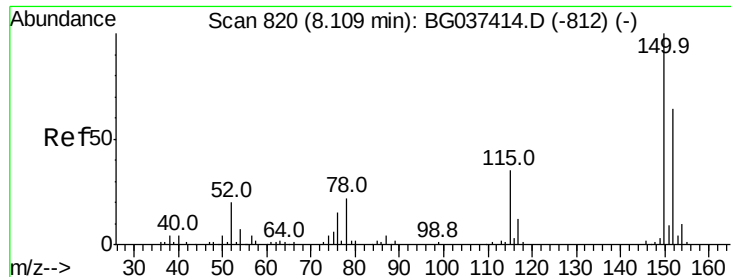
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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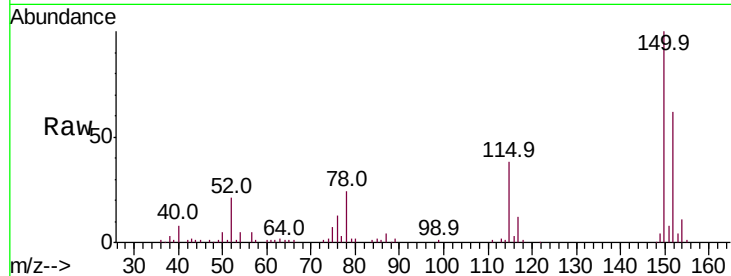


#1

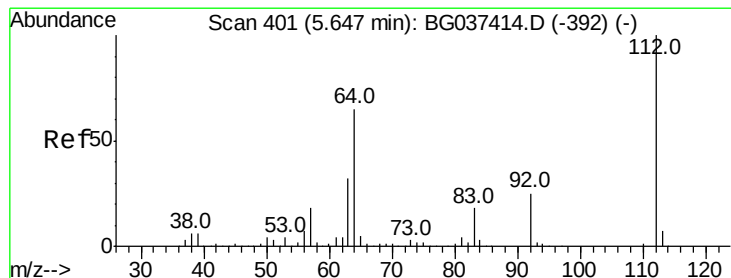
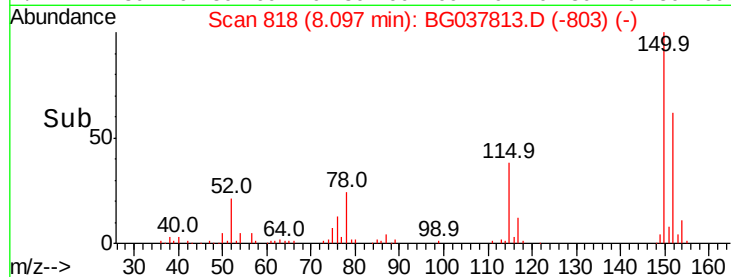
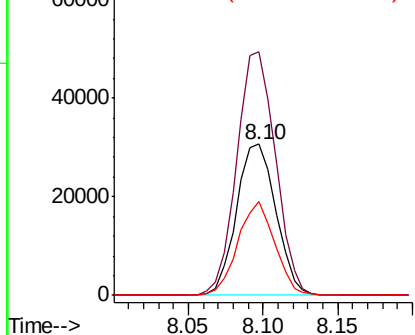
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037813.D
Acq: 5 Nov 2018 21:41

Instrument :
BNA_G
ClientSampleId :
TP-11-S

Tot Ion:152 Resp: 56388
Ion Ratio Lower Upper
152 100
150 161.1 126.0 189.0
115 61.9 45.5 68.3



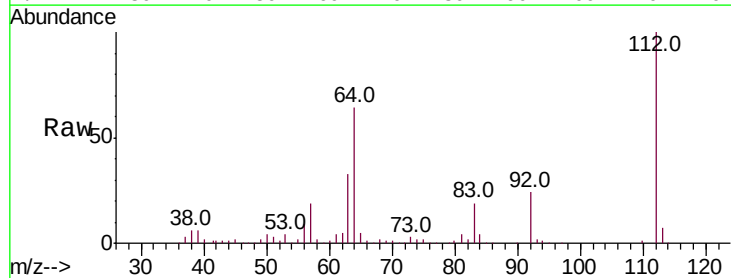
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



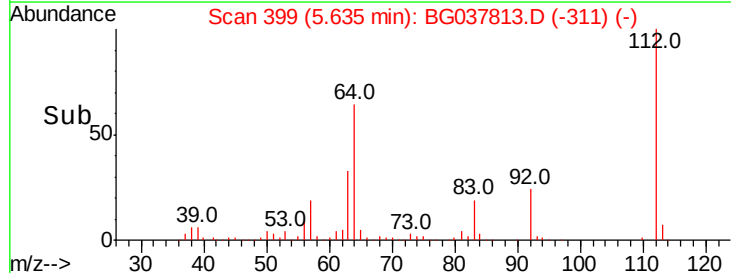
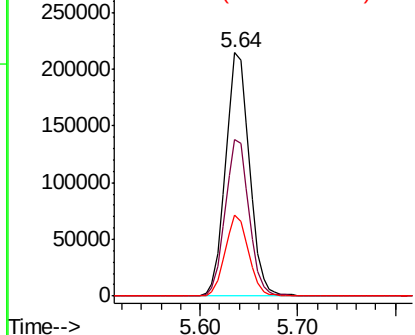
#5

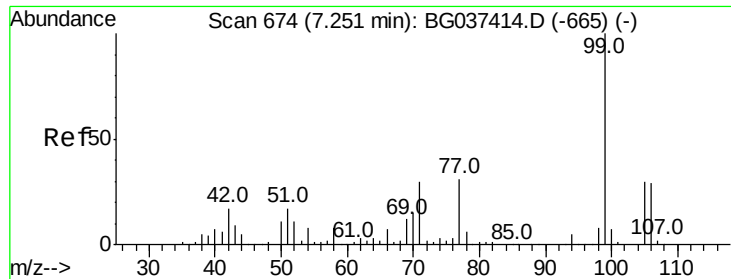
2-Fluorophenol
Concen: 107.939 ng
RT: 5.64 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037813.D
Acq: 5 Nov 2018 21:41

Tgt Ion:112 Resp: 364054
Ion Ratio Lower Upper
112 100
64 64.4 53.1 79.7
63 33.1 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: 91.623 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037813.D

Acq: 5 Nov 2018 21:41

Instrument :

BNA_G

ClientSampleId :

TP-11-S

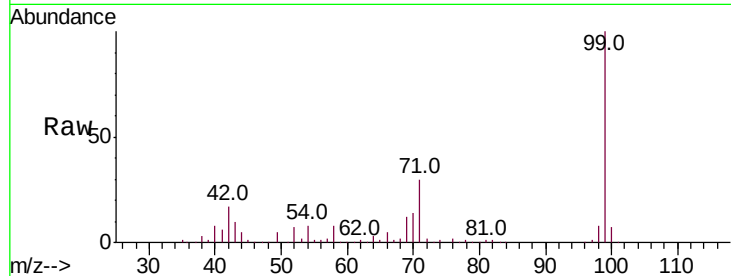
Tot Ion: 99 Resp: 467284

Ion Ratio Lower Upper

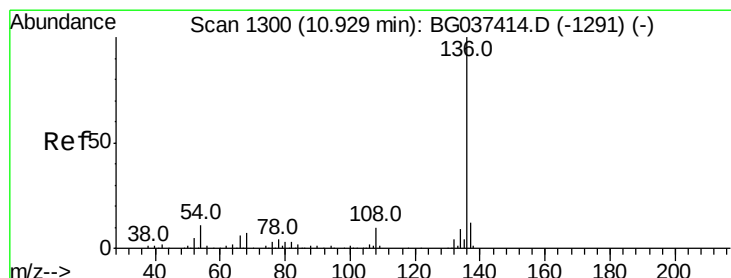
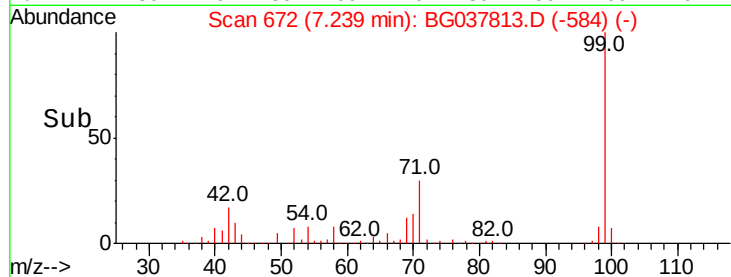
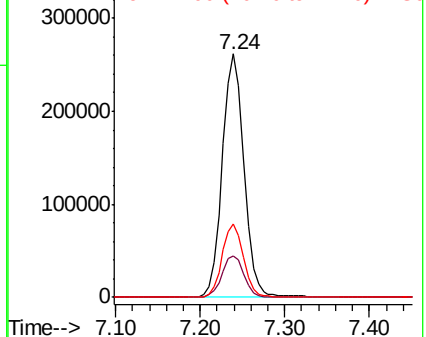
99 100

42 17.1 15.0 22.4

71 30.4 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# 1297

Delta R.T. -0.02 min

Lab File: BG037813.D

Acq: 5 Nov 2018 21:41

Tgt Ion: 136 Resp: 248869

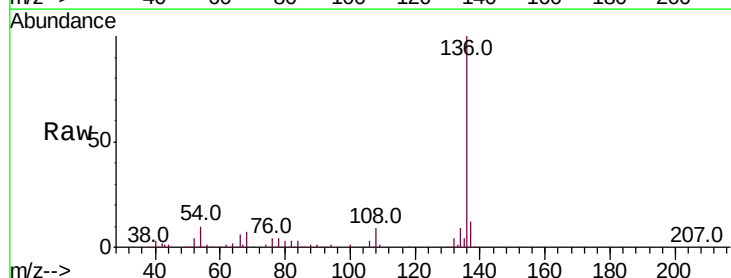
Ion Ratio Lower Upper

136 100

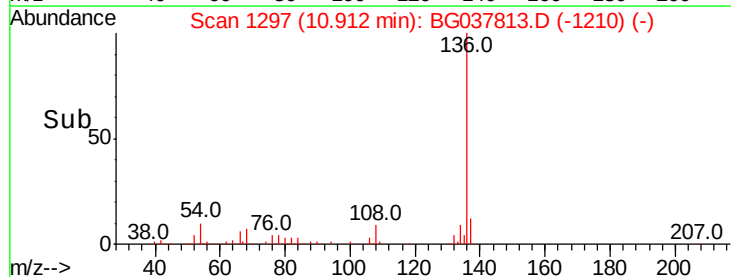
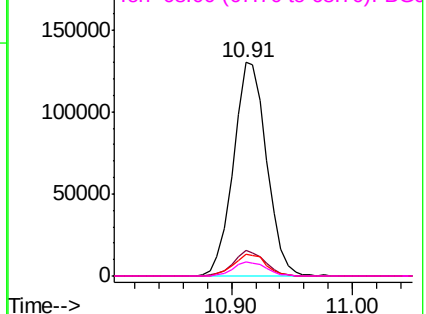
137 11.8 9.6 14.4

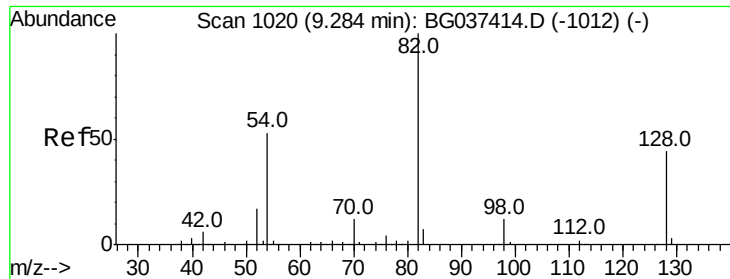
54 10.2 7.9 11.9

68 6.8 4.8 7.2



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

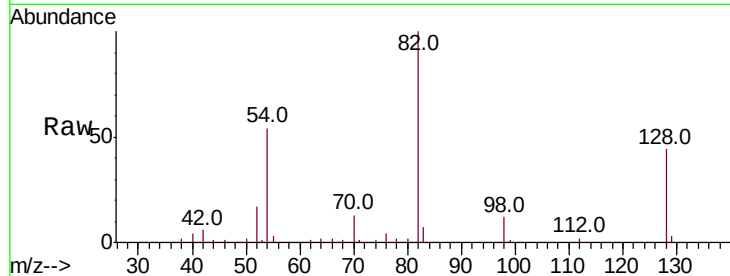




#23
 Nitrobenzene-d5
 Concen: 82.152 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BG037813.D
 Acq: 5 Nov 2018 21:41

Instrument :
 BNA_G
 ClientSampleId :
 TP-11-S

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.6	51.8
54	53.7	45.3	67.9

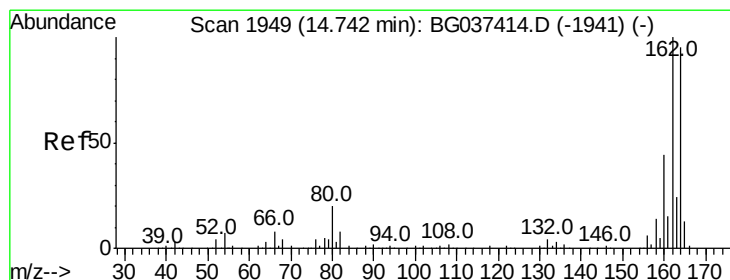
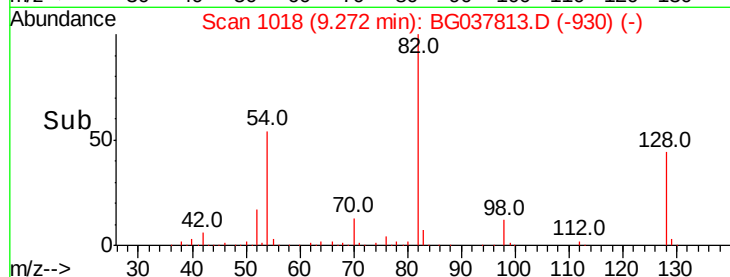
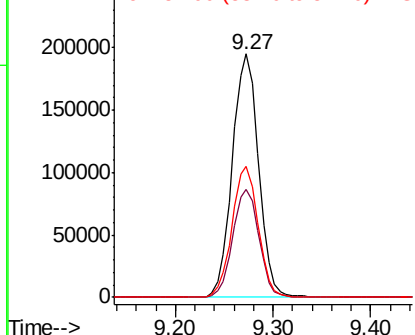


Abundance

Ion 82.00 (81.70 to 82.70): BGC

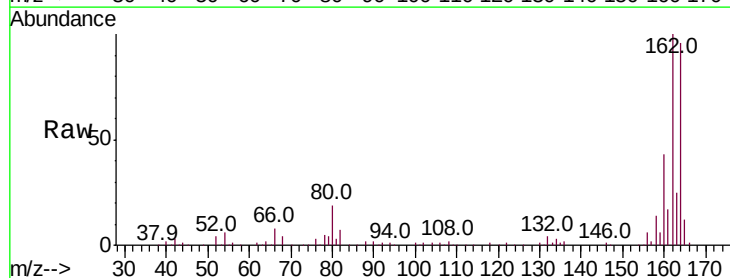
Ion 128.00 (127.70 to 128.70): BGC

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: BG037813.D
 Acq: 5 Nov 2018 21:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	81.3	121.9
160	44.6	36.3	54.5

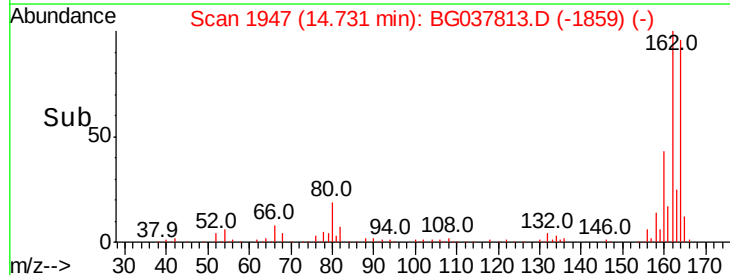
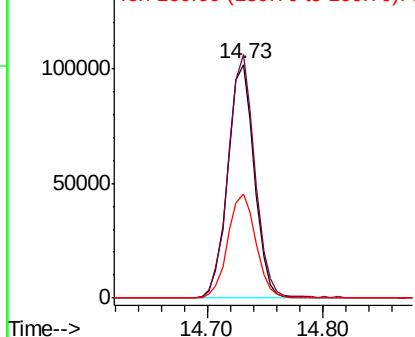


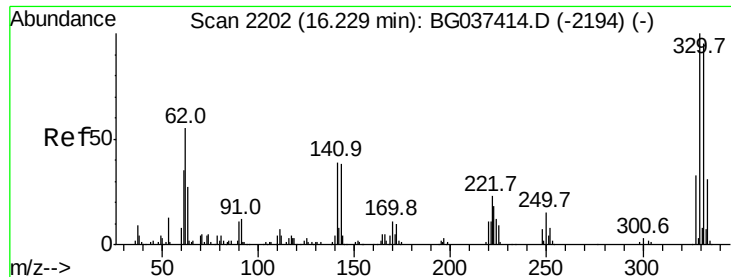
Abundance

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: 93.676 ng

RT: 16.22 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG037813.D

Acq: 5 Nov 2018 21:41

Instrument :

BNA_G

ClientSampleId :

TP-11-S

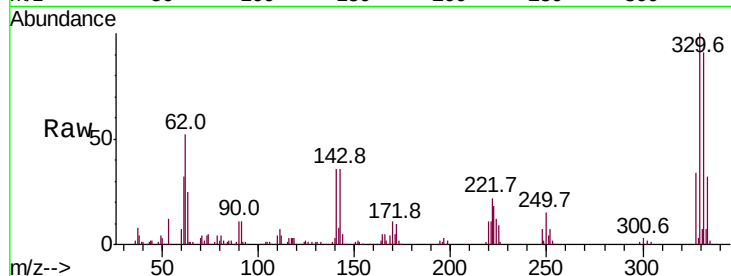
Tot Ion:330 Resp: 165613

Ion Ratio Lower Upper

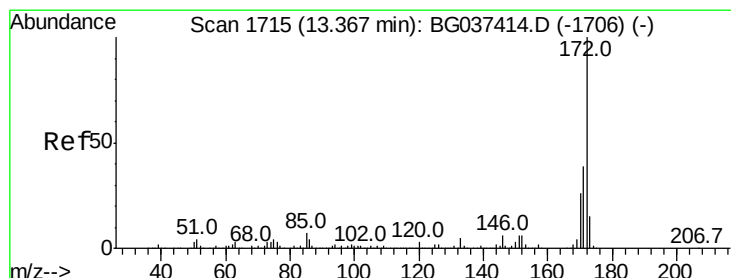
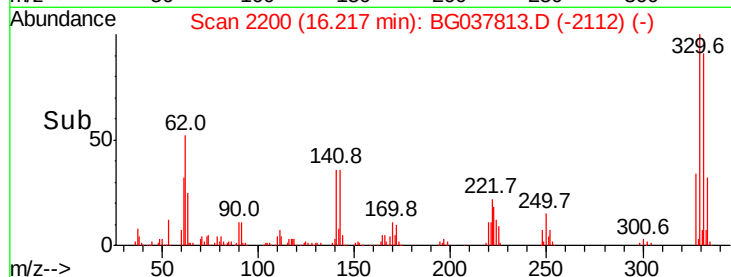
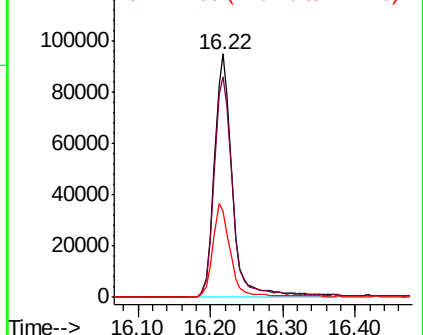
330 100

332 91.6 78.4 117.6

141 37.1 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: 83.255 ng

RT: 13.35 min Scan# 1712

Delta R.T. -0.02 min

Lab File: BG037813.D

Acq: 5 Nov 2018 21:41

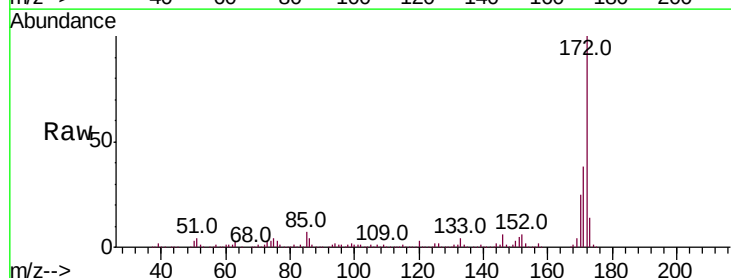
Tgt Ion:172 Resp: 894931

Ion Ratio Lower Upper

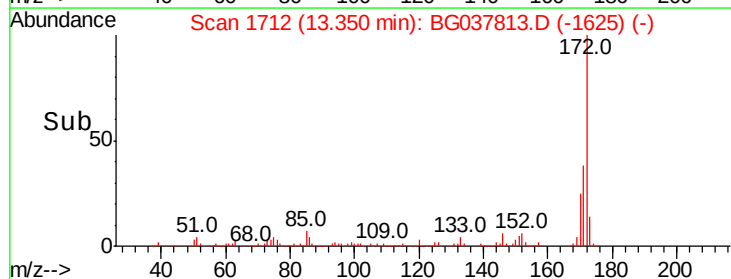
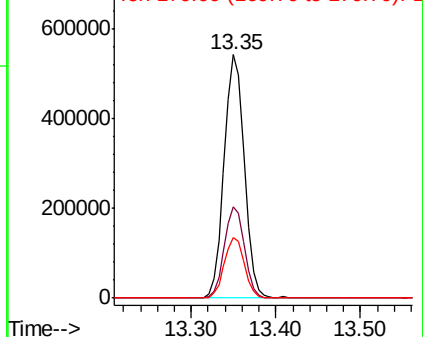
172 100

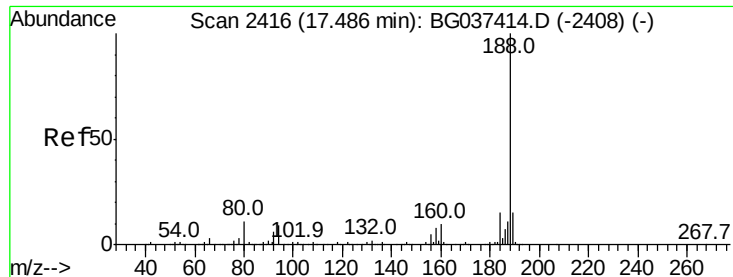
171 37.6 31.0 46.4

170 25.0 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: 17.47 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BG037813.D

Acq: 5 Nov 2018 21:41

Instrument :

BNA_G

ClientSampleId :

TP-11-S

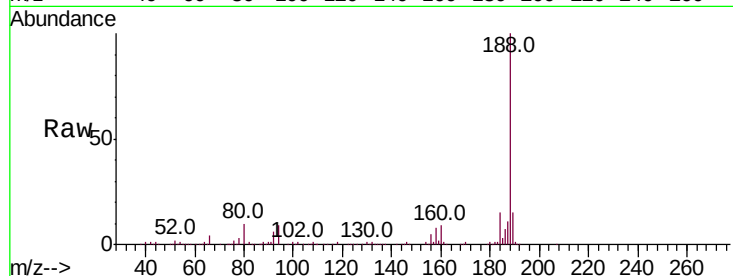
Tot Ion:188 Resp: 356302

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

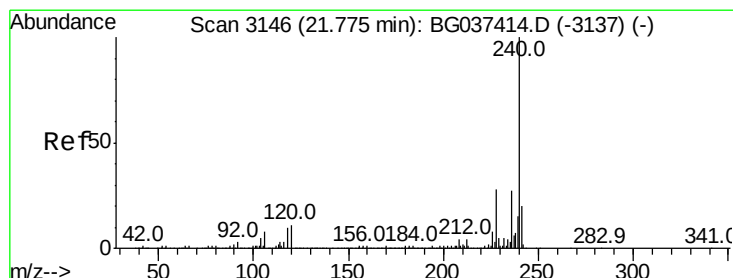
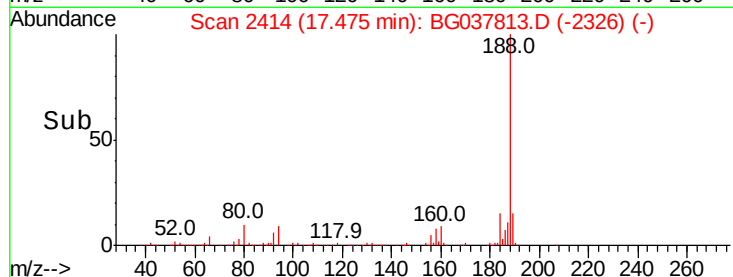
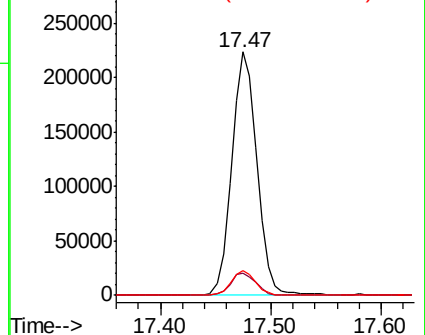
80 10.1 7.7 11.5



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: BG037813.D

Acq: 5 Nov 2018 21:41

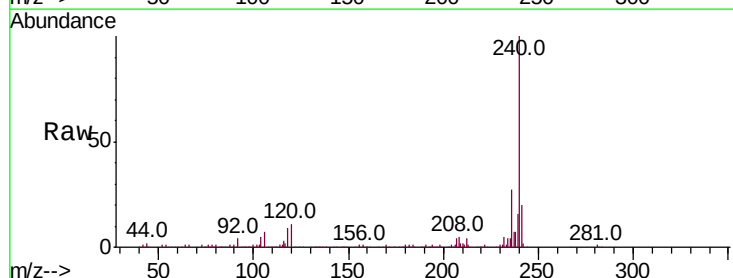
Tgt Ion:240 Resp: 314826

Ion Ratio Lower Upper

240 100

120 11.2 8.1 12.1

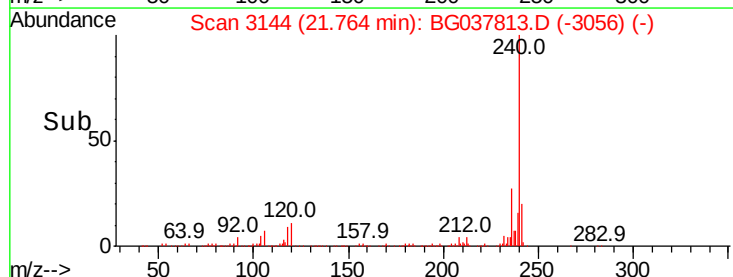
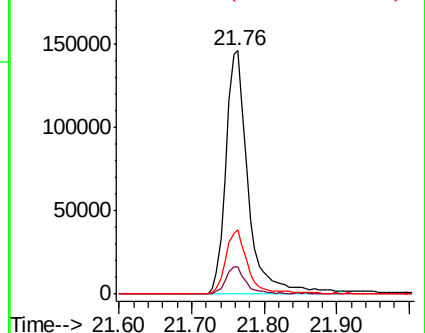
236 26.6 21.4 32.0

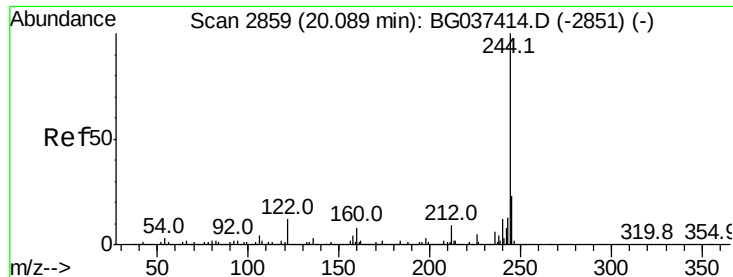


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 86.893 ng

RT: 20.08 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037813.D

Acq: 5 Nov 2018 21:41

Instrument :

BNA_G

ClientSampleId :

TP-11-S

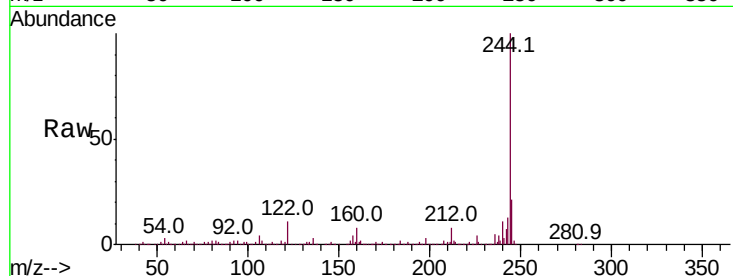
Tot Ion:244 Resp: 1280263

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

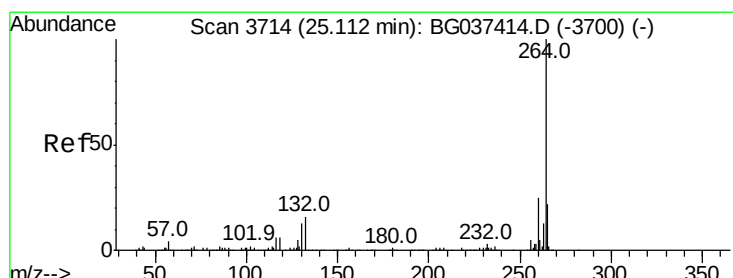
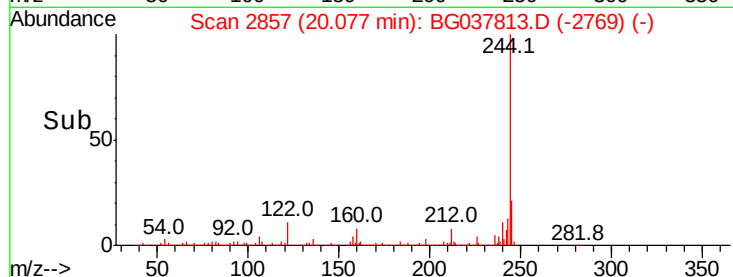
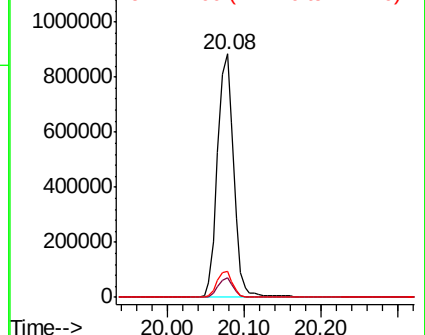
122 10.7 9.0 13.4



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: BG037813.D

Acq: 5 Nov 2018 21:41

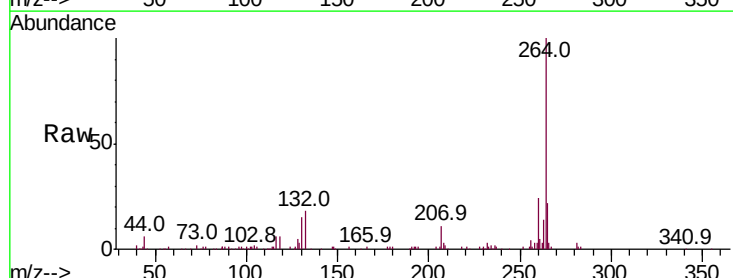
Tgt Ion:264 Resp: 231075

Ion Ratio Lower Upper

264 100

260 24.0 18.2 27.4

265 21.7 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

