

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103118\
 Data File : BG037688.D
 Acq On : 31 Oct 2018 17:37
 Operator : JU/SJ
 Sample : J5737-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-A

Quant Time: Nov 01 07:08:07 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	56059	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	244448	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	170309	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	405894	20.00	ng	0.00
76) Chrysene-d12	21.77	240	371389	20.00	ng	-0.01
87) Perylene-d12	25.10	264	338873	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	364058	108.57	ng	0.00
7) Phenol-d6	7.25	99	483199	95.30	ng	0.00
23) Nitrobenzene-d5	9.27	82	348303	79.82	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	204560	110.12	ng	-0.01
45) 2-Fluorobiphenyl	13.36	172	840134	74.39	ng	-0.01
79) Terphenyl-d14	20.08	244	1315640	75.69	ng	-0.01

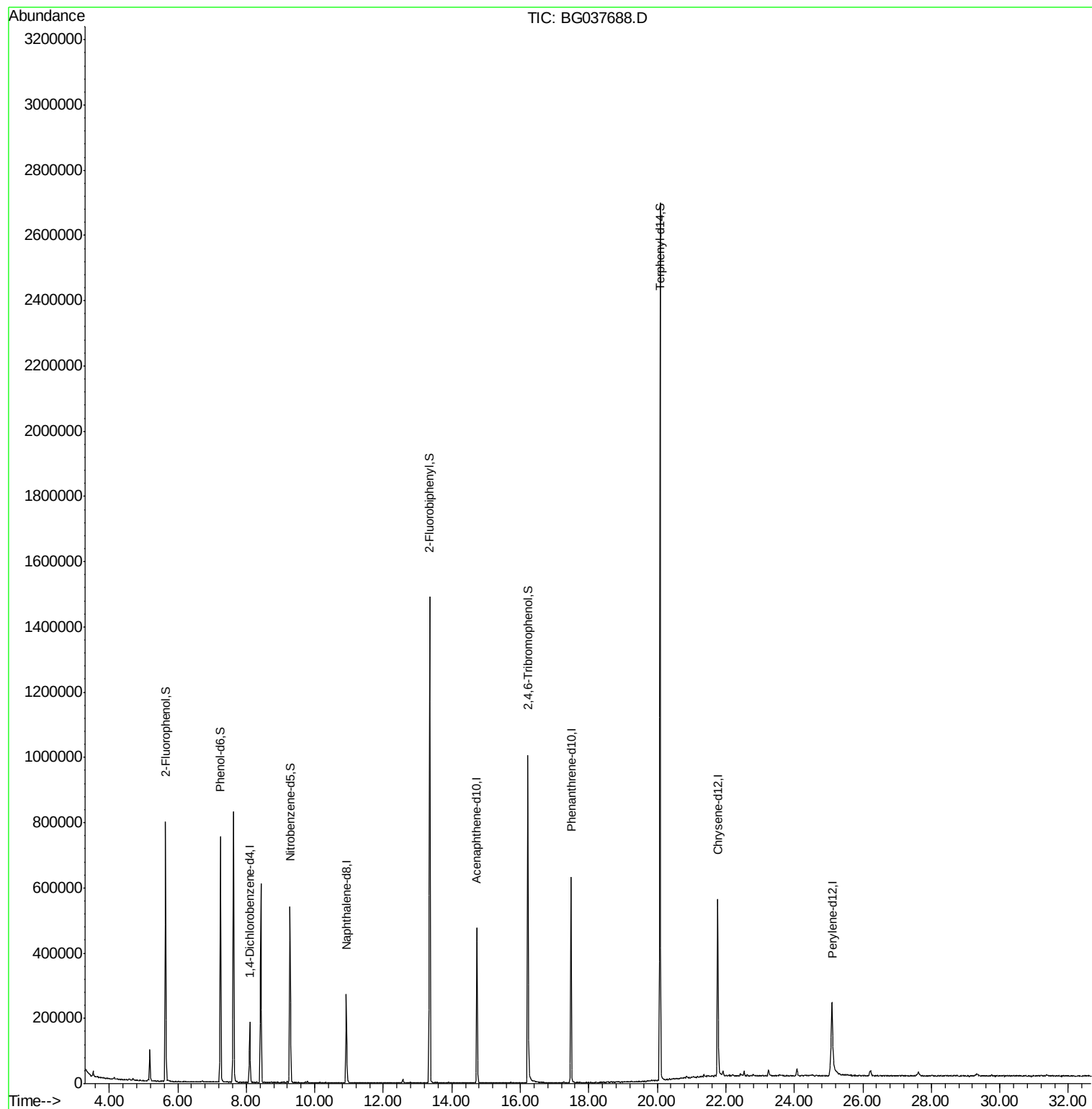
Target Compounds Qvalue

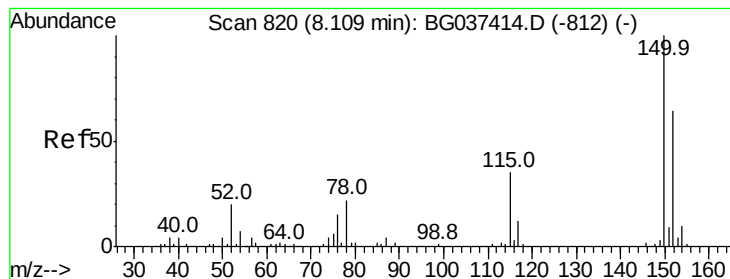
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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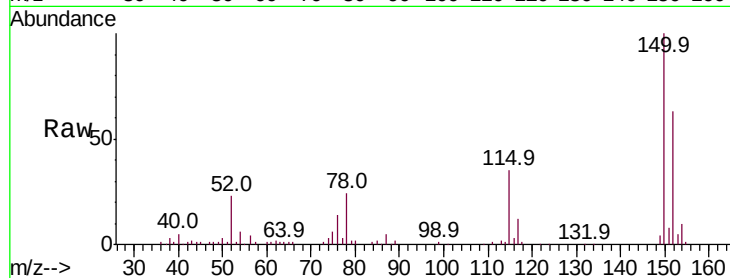


#1

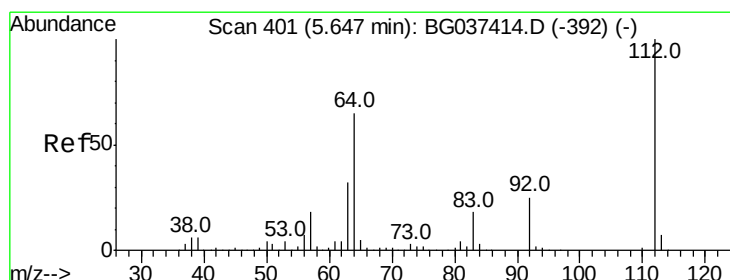
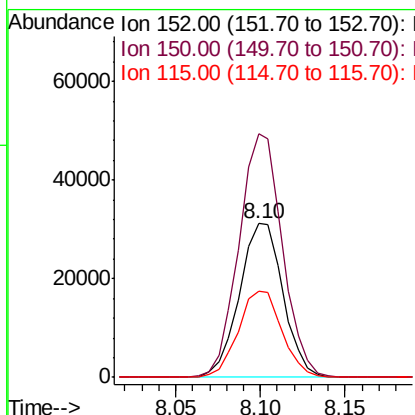
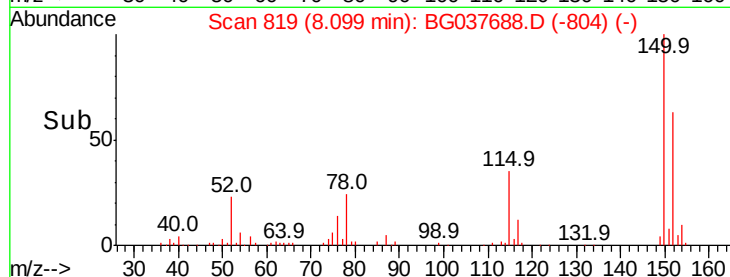
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG037688.D
 Acq: 31 Oct 2018 17:37

Instrument :
 BNA_G
 ClientSampleId :
 TP-A

Tot Ion:152 Resp: 56059
 Ion Ratio Lower Upper
 152 100
 150 158.3 126.0 189.0
 115 56.2 45.5 68.3



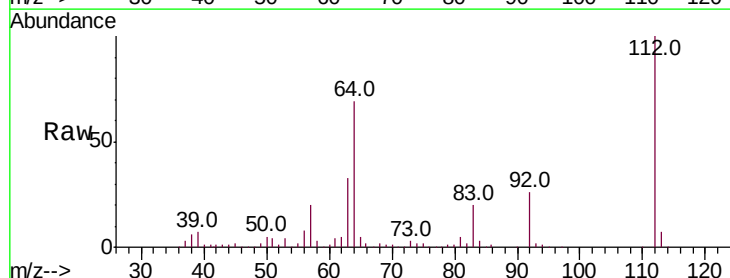
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



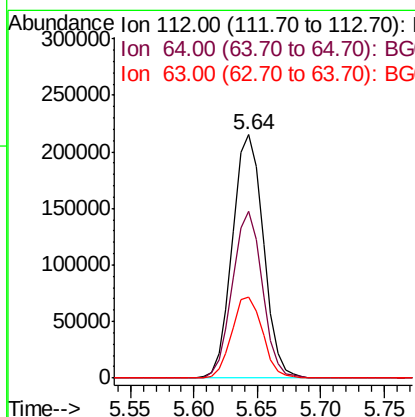
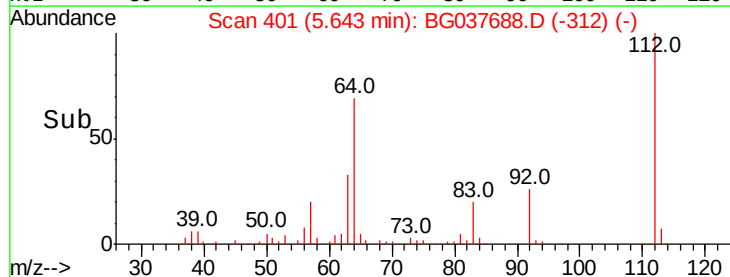
#5

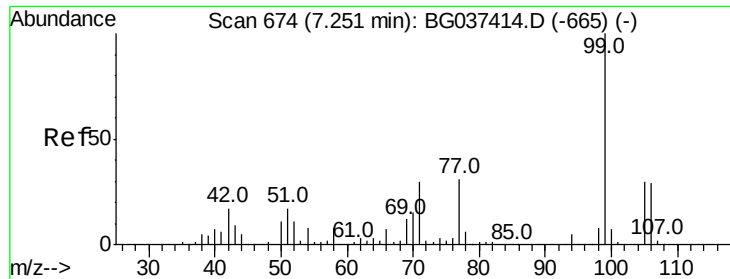
2-Fluorophenol
 Concen: 108.573 ng
 RT: 5.64 min Scan# 401
 Delta R.T. -0.00 min
 Lab File: BG037688.D
 Acq: 31 Oct 2018 17:37

Tgt Ion:112 Resp: 364058
 Ion Ratio Lower Upper
 112 100
 64 68.5 53.1 79.7
 63 33.2 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: 95.300 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037688.D

Acq: 31 Oct 2018 17:37

Instrument :

BNA_G

ClientSampleId :

TP-A

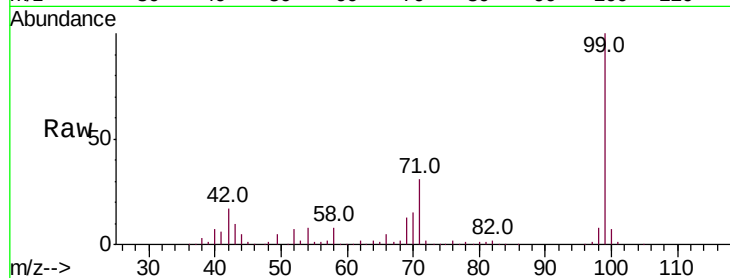
Tot Ion: 99 Resp: 483199

Ion Ratio Lower Upper

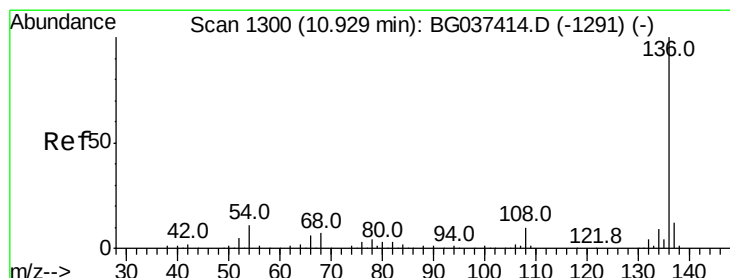
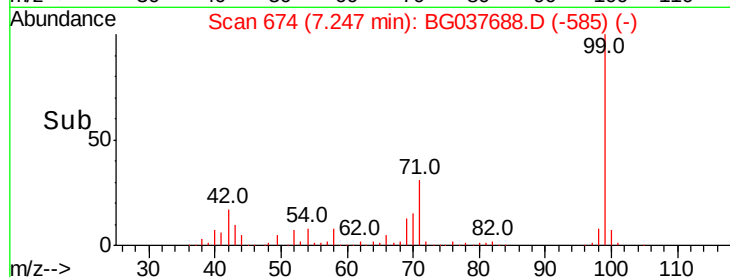
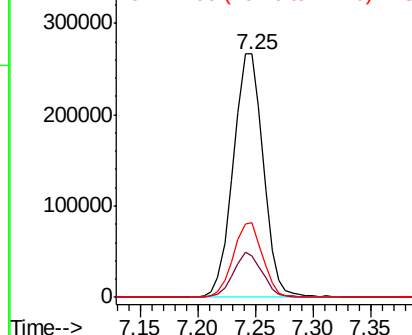
99 100

42 17.2 15.0 22.4

71 30.5 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: BG037688.D

Acq: 31 Oct 2018 17:37

Tgt Ion: 136 Resp: 244448

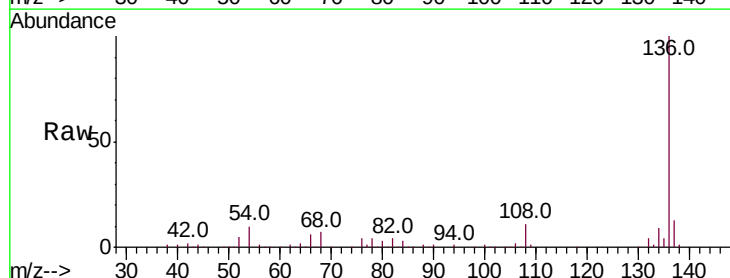
Ion Ratio Lower Upper

136 100

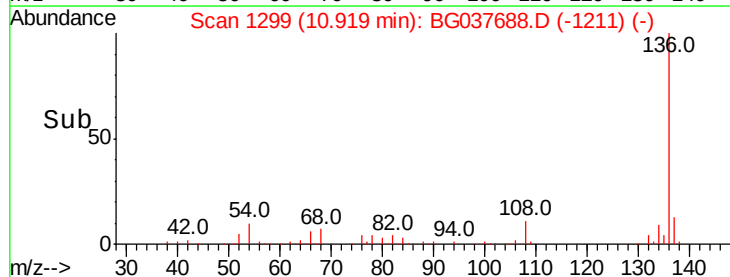
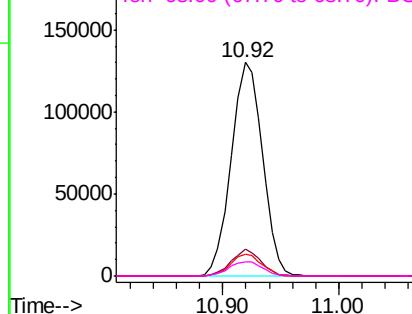
137 12.6 9.6 14.4

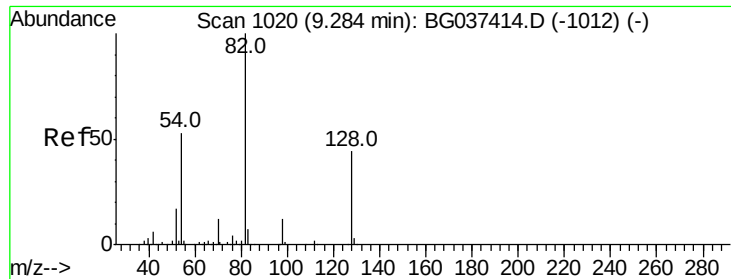
54 10.3 7.9 11.9

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

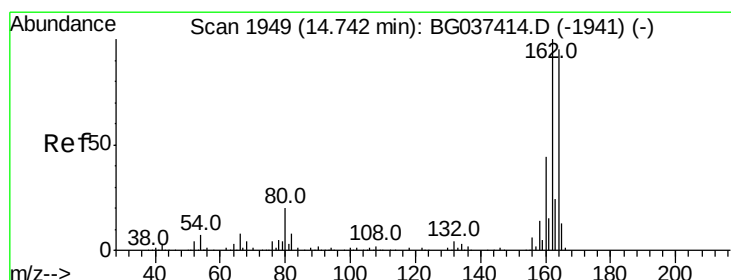
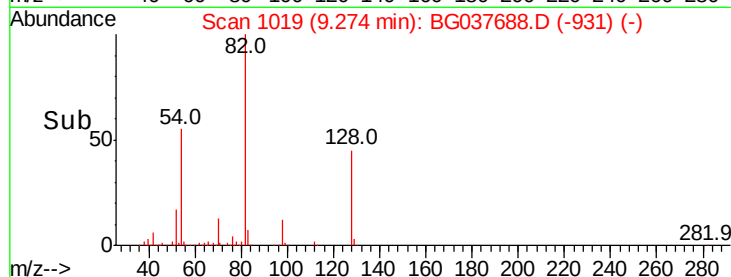
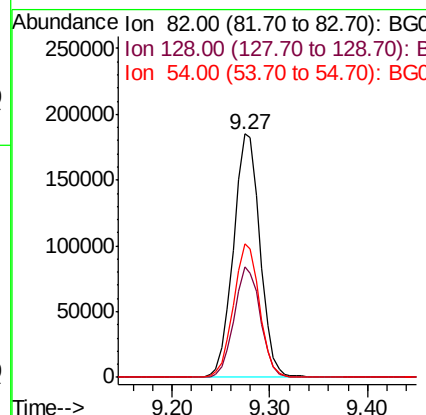
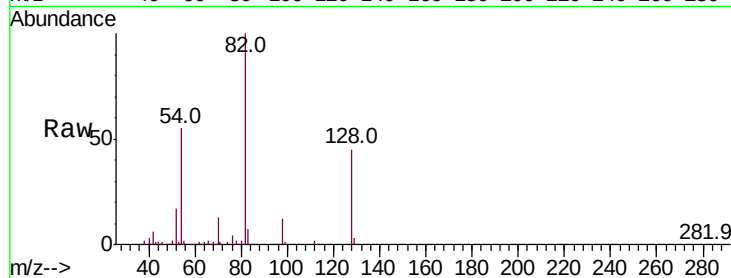




#23
Nitrobenzene-d5
Concen: 79.819 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037688.D
Acq: 31 Oct 2018 17:37

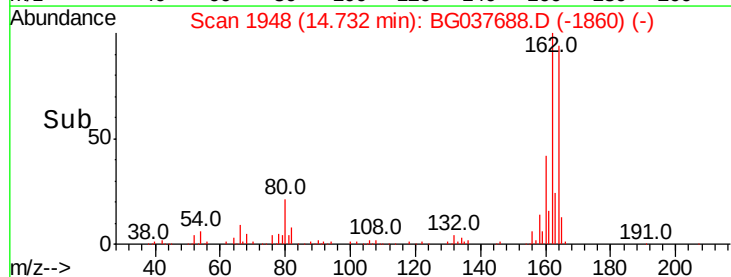
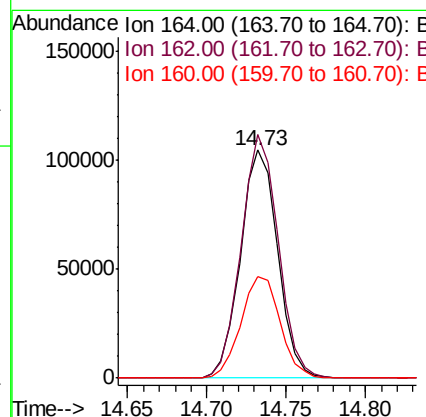
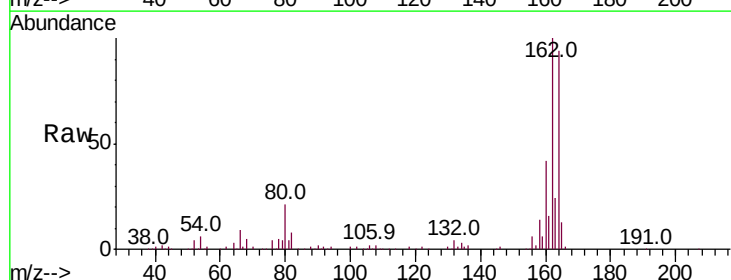
Instrument :
BNA_G
ClientSampleId :
TP-A

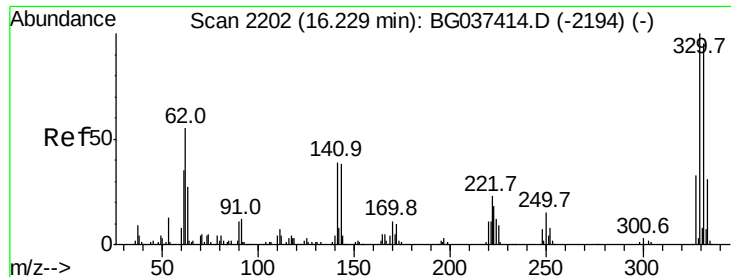
Tot Ion	82	Resp	348303
Ion Ratio	Lower	Upper	
82	100		
128	45.2	34.6	51.8
54	55.1	45.3	67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037688.D
Acq: 31 Oct 2018 17:37

Tgt Ion	164	Resp	170309
Ion Ratio	Lower	Upper	
164	100		
162	106.9	81.3	121.9
160	44.5	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 110.124 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037688.D

Acq: 31 Oct 2018 17:37

Instrument :

BNA_G

ClientSampleId :

TP-A

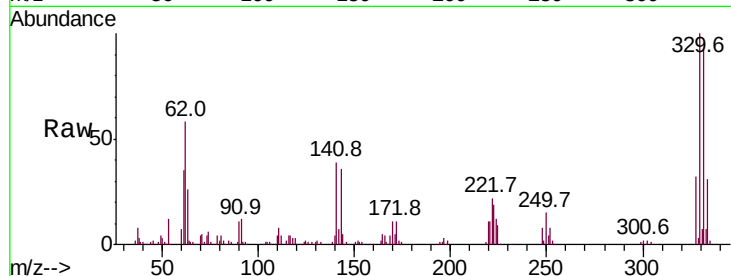
Tot Ion:330 Resp: 204560

Ion Ratio Lower Upper

330 100

332 93.4 78.4 117.6

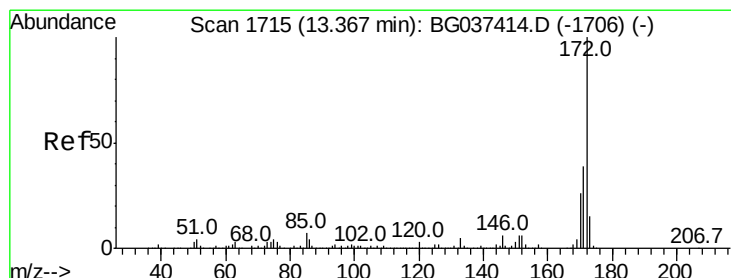
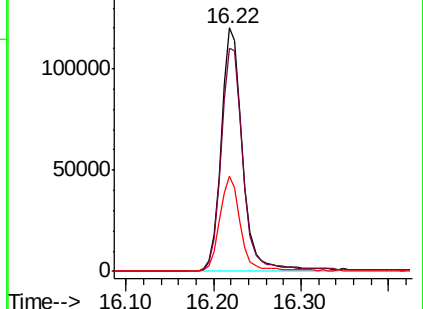
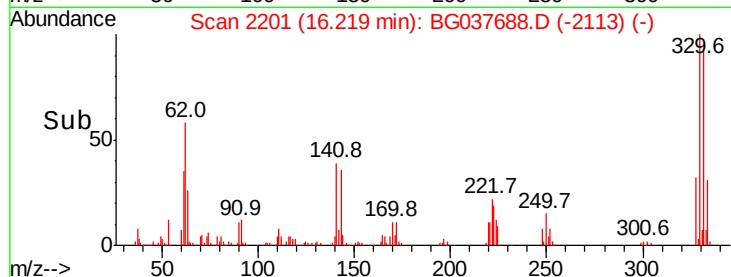
141 37.9 32.2 48.2



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: 74.387 ng

RT: 13.36 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BG037688.D

Acq: 31 Oct 2018 17:37

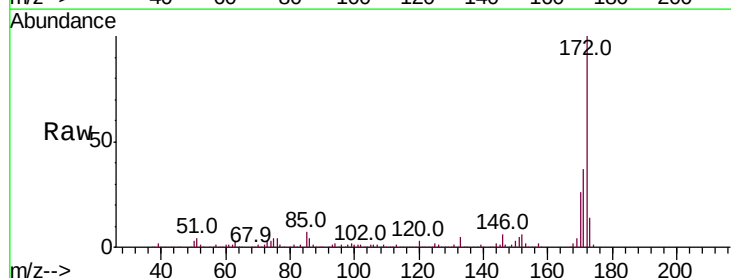
Tgt Ion:172 Resp: 840134

Ion Ratio Lower Upper

172 100

171 37.0 31.0 46.4

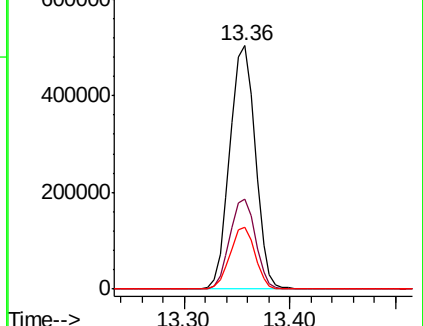
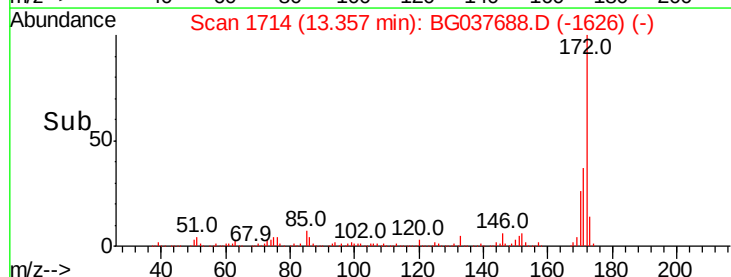
170 25.6 20.2 30.2

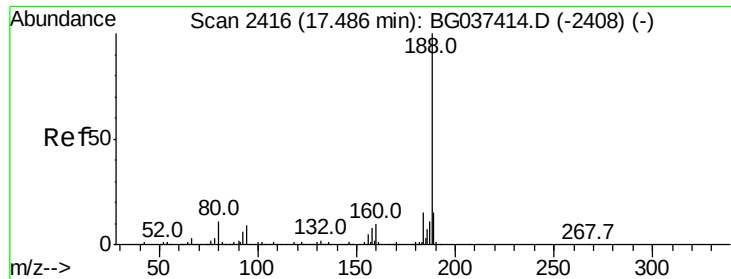


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

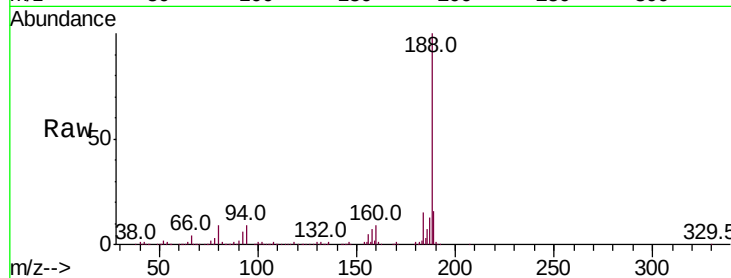




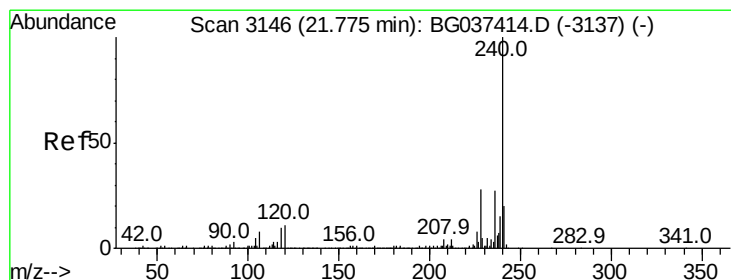
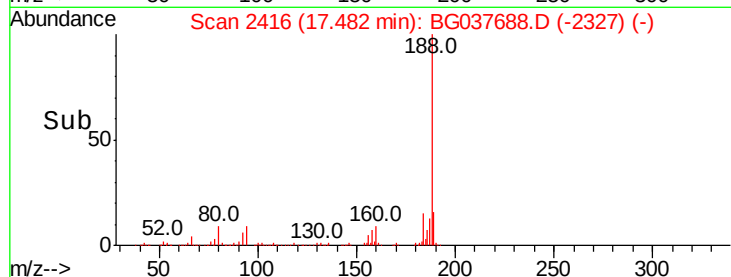
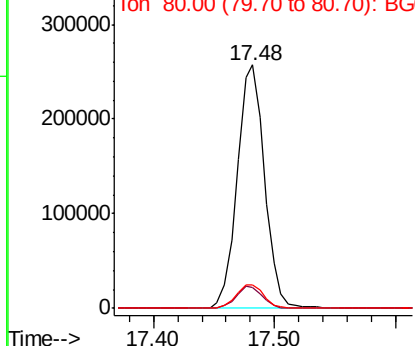
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037688.D
Acq: 31 Oct 2018 17:37

Instrument :
BNA_G
ClientSampleId :
TP-A

Tot Ion:188 Resp: 405894
Ion Ratio Lower Upper
188 100
94 8.5 7.2 10.8
80 9.4 7.7 11.5

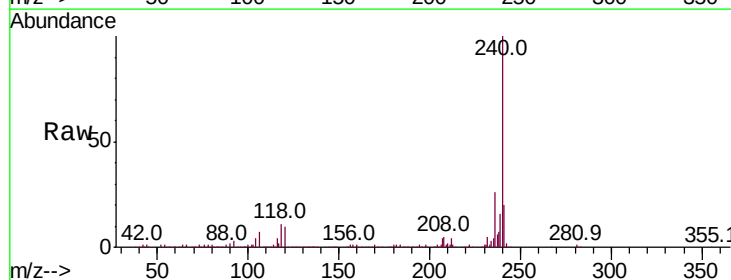


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

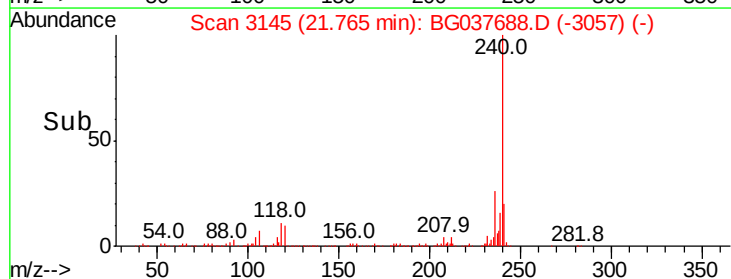
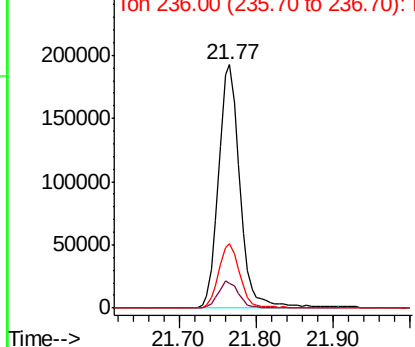


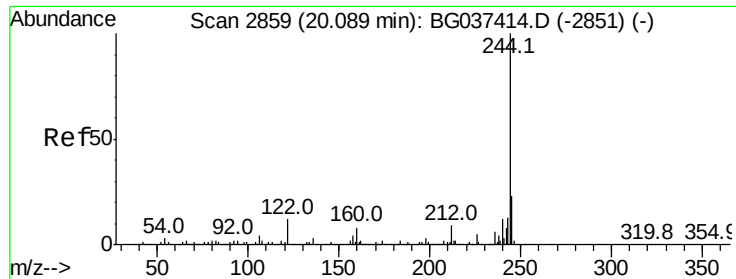
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037688.D
Acq: 31 Oct 2018 17:37

Tgt Ion:240 Resp: 371389
Ion Ratio Lower Upper
240 100
120 10.1 8.1 12.1
236 26.5 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: 75.695 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037688.D

Acq: 31 Oct 2018 17:37

Instrument :

BNA_G

ClientSampleId :

TP-A

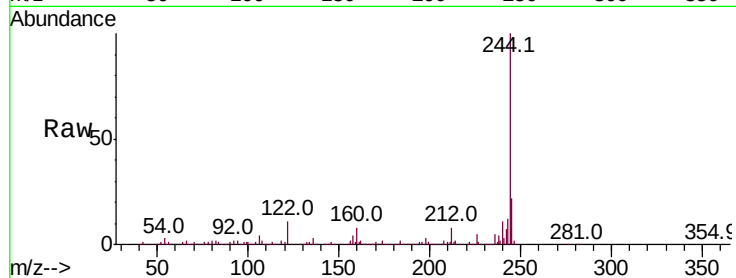
Tot Ion:244 Resp: 1315640

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

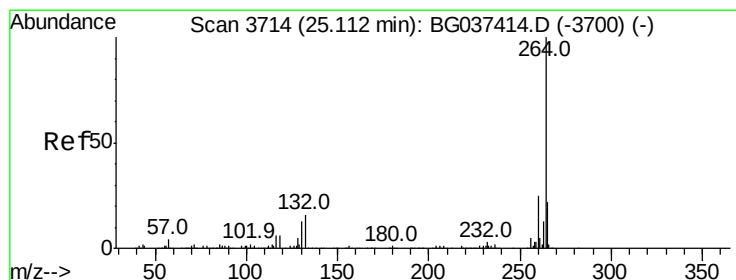
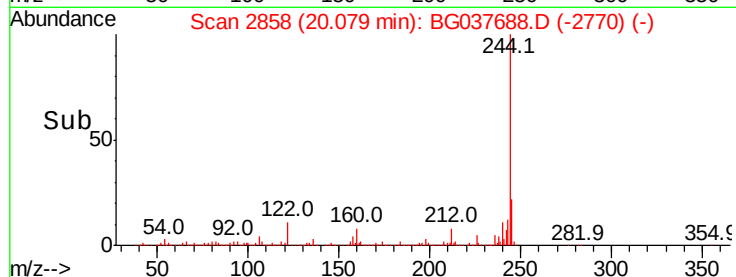
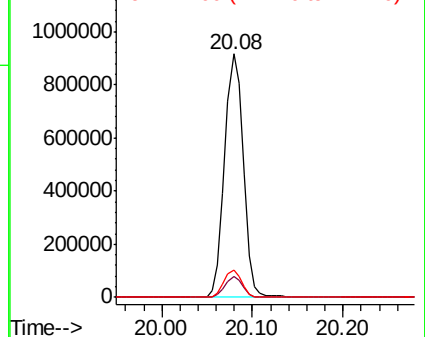
122 11.3 9.0 13.4



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# 3713

Delta R.T. -0.01 min

Lab File: BG037688.D

Acq: 31 Oct 2018 17:37

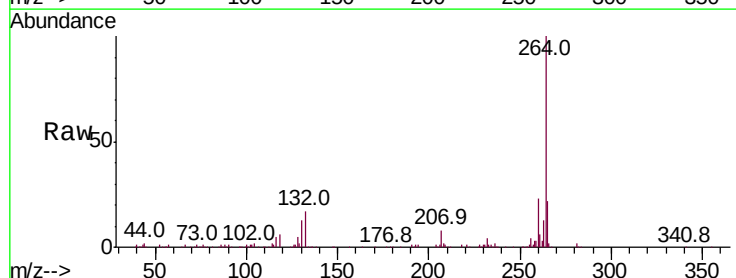
Tgt Ion:264 Resp: 338873

Ion Ratio Lower Upper

264 100

260 22.9 18.2 27.4

265 22.4 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

