

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111218\
 Data File : BG037953.D
 Acq On : 12 Nov 2018 20:43
 Operator : JU/SJ
 Sample : J5907-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3-D

Quant Time: Nov 13 06:15:52 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	58200	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	258266	20.00	ng	-0.02
39) Acenaphthene-d10	14.72	164	172227	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	375714	20.00	ng	-0.01
76) Chrysene-d12	21.75	240	329434	20.00	ng	-0.02
87) Perylene-d12	25.08	264	242024	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	364595	104.73	ng	-0.01
7) Phenol-d6	7.23	99	470516	89.38	ng	-0.02
23) Nitrobenzene-d5	9.27	82	371096	80.49	ng	-0.02
42) 2,4,6-Tribromophenol	16.21	330	169382	90.17	ng	-0.02
45) 2-Fluorobiphenyl	13.34	172	900559	78.85	ng	-0.02
79) Terphenyl-d14	20.07	244	1273713	82.62	ng	-0.02

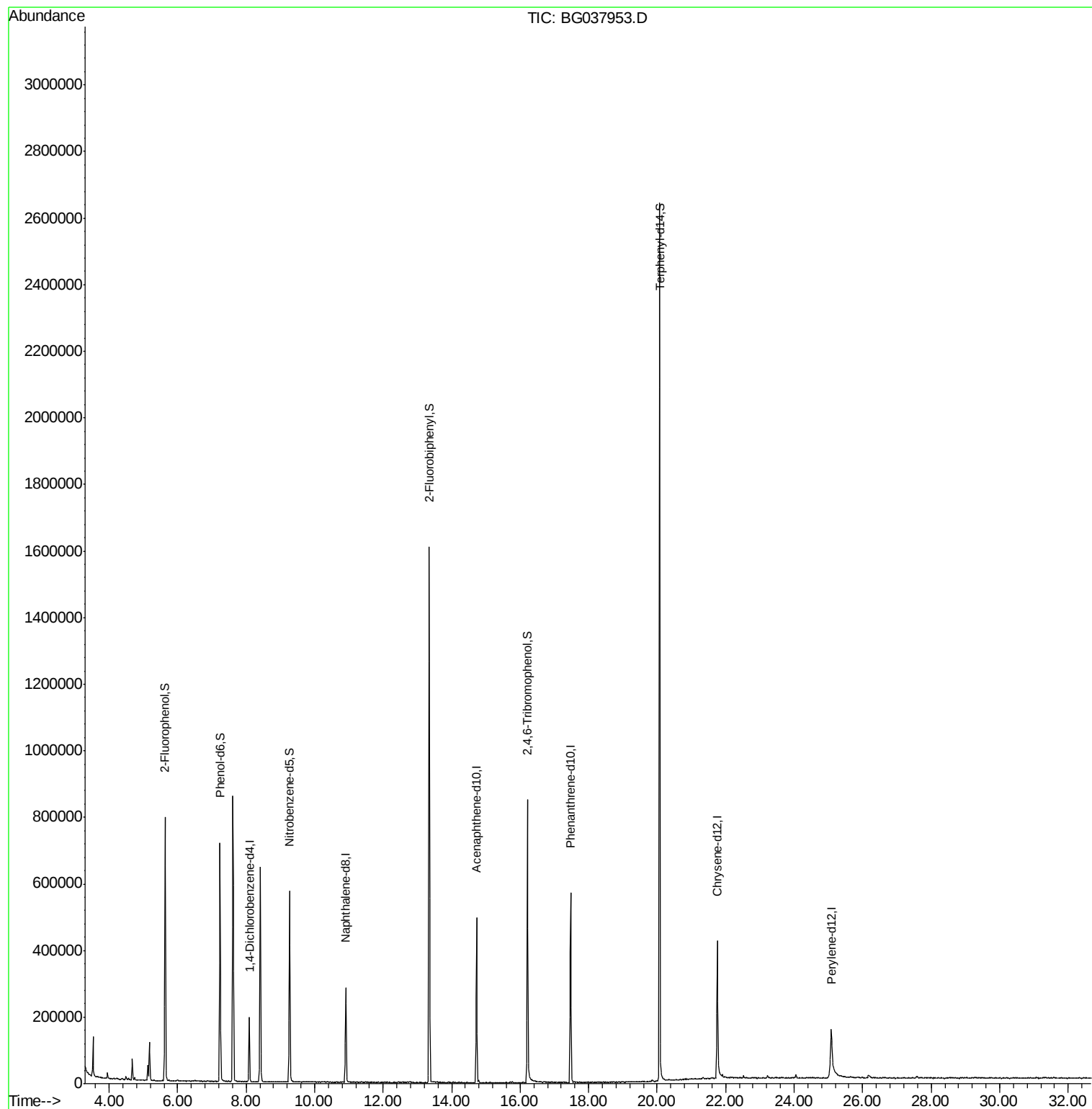
Target Compounds Qvalue

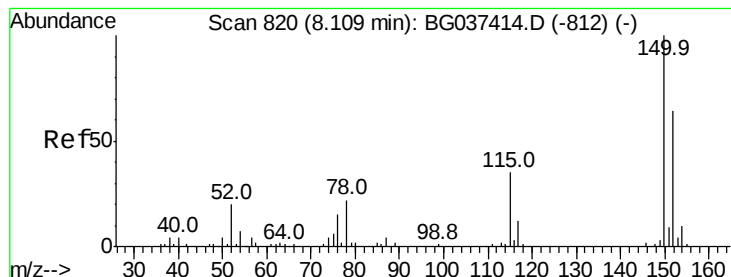
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.09 min Scan# 817

Delta R.T. -0.02 min

Lab File: BG037953.D

Acq: 12 Nov 2018 20:43

Instrument :

BNA_G

ClientSampleId :

TP-3-D

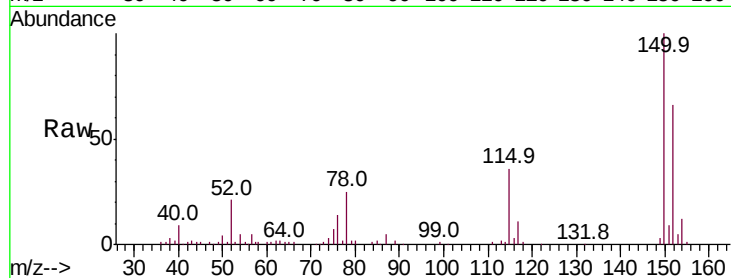
Tot Ion:152 Resp: 58200

Ion Ratio Lower Upper

152 100

150 152.6 126.0 189.0

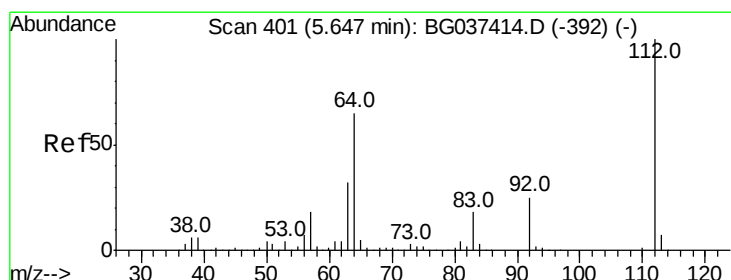
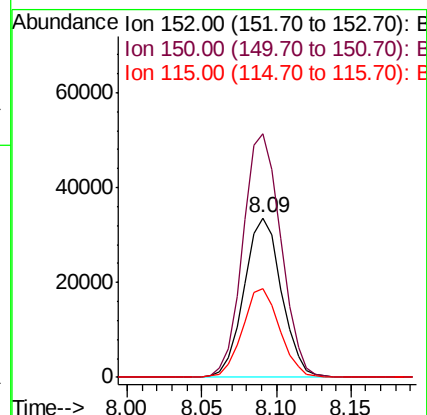
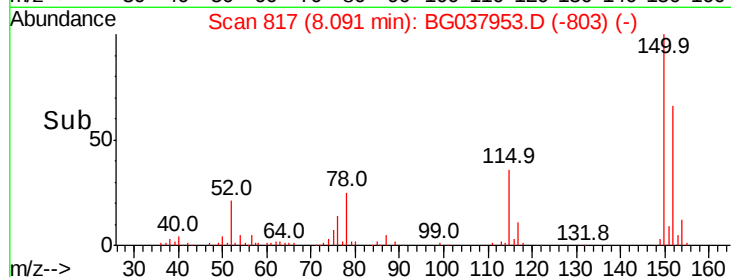
115 55.3 45.5 68.3



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: 104.734 ng

RT: 5.64 min Scan# 399

Delta R.T. -0.01 min

Lab File: BG037953.D

Acq: 12 Nov 2018 20:43

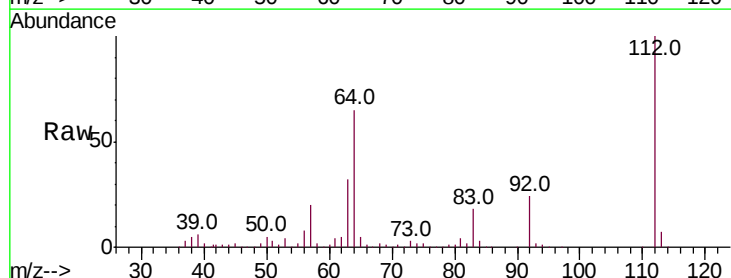
Tgt Ion:112 Resp: 364595

Ion Ratio Lower Upper

112 100

64 64.6 53.1 79.7

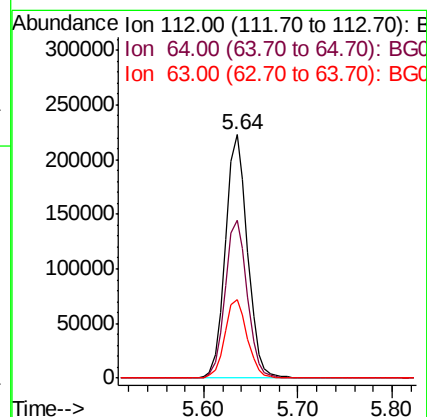
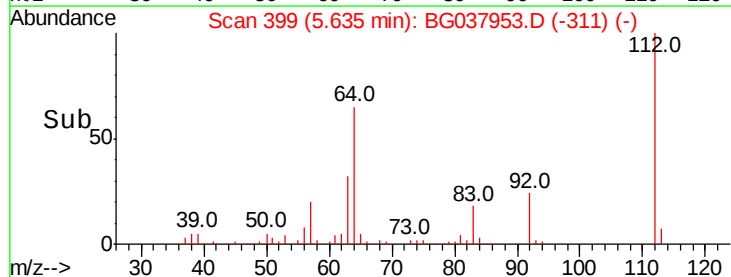
63 32.3 27.3 40.9

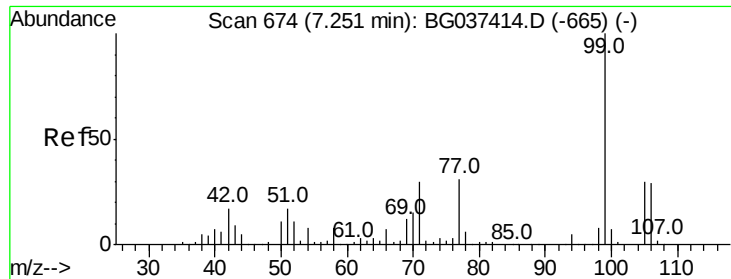


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 89.384 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.02 min

Lab File: BG037953.D

Acq: 12 Nov 2018 20:43

Instrument :

BNA_G

ClientSampleId :

TP-3-D

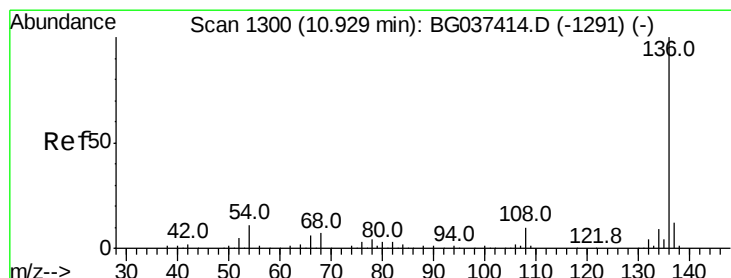
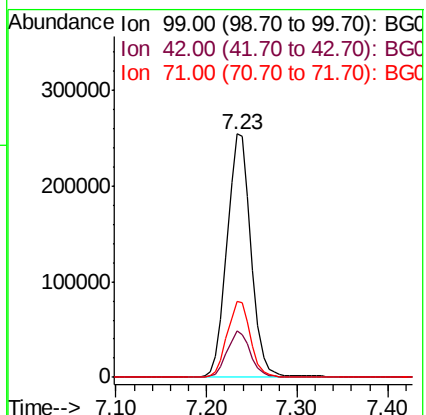
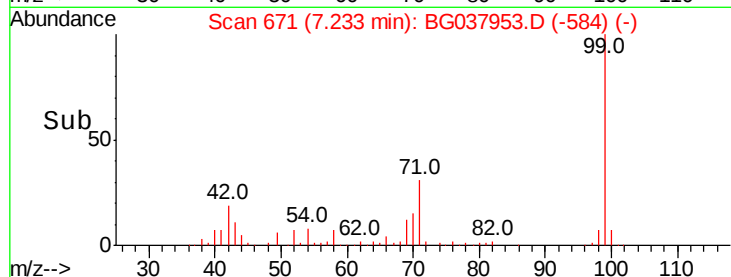
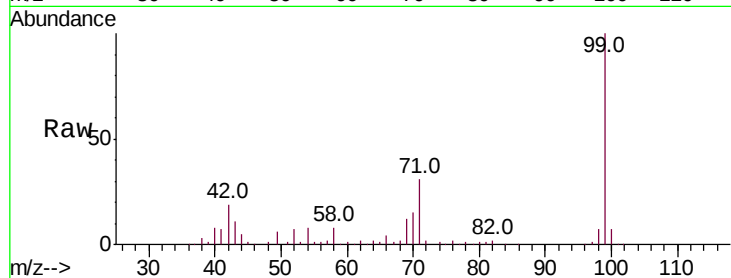
Tot Ion: 99 Resp: 470516

Ion Ratio Lower Upper

99 100

42 18.8 15.0 22.4

71 31.3 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BG037953.D

Acq: 12 Nov 2018 20:43

Tgt Ion: 136 Resp: 258266

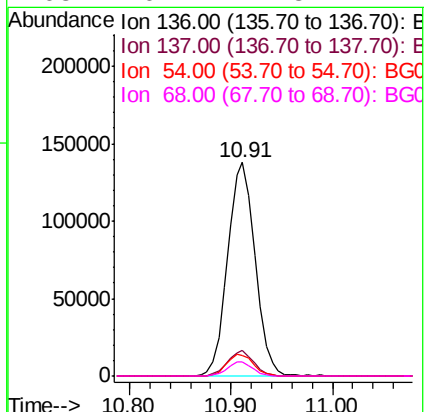
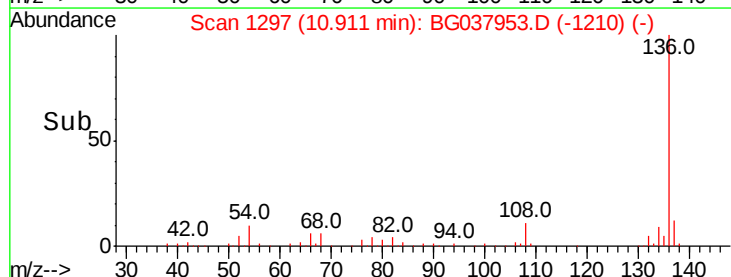
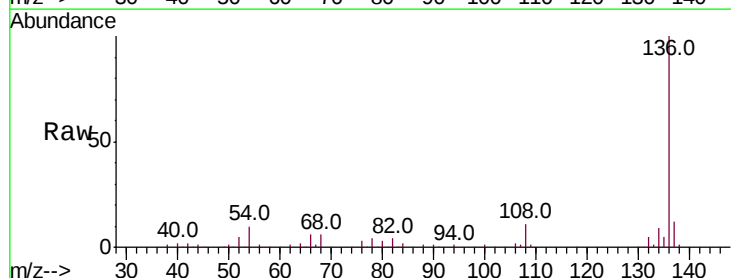
Ion Ratio Lower Upper

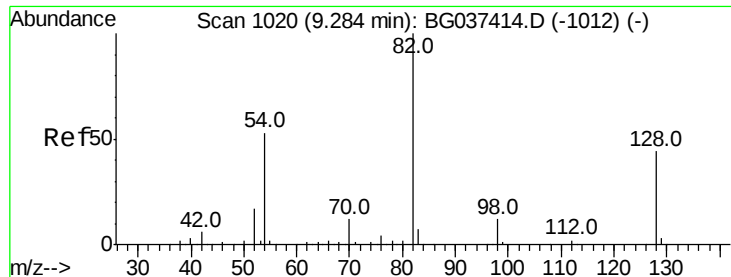
136 100

137 12.1 9.6 14.4

54 9.7 7.9 11.9

68 6.4 4.8 7.2

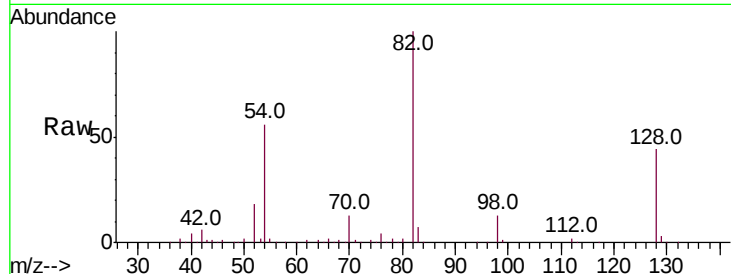




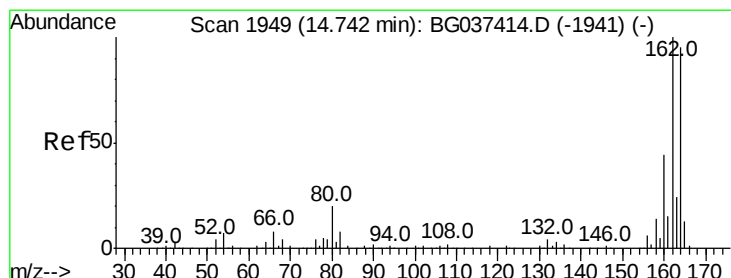
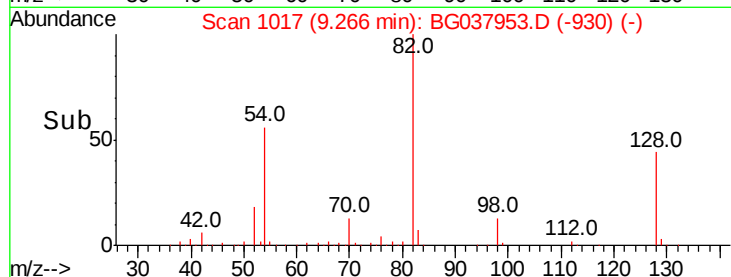
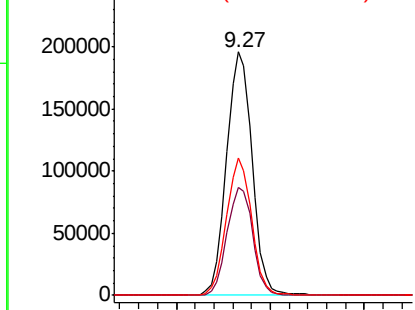
#23
Nitrobenzene-d5
Concen: 80.492 ng
RT: 9.27 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BG037953.D
Acq: 12 Nov 2018 20:43

Instrument :
BNA_G
ClientSampleId :
TP-3-D

Tot Ion	82	Resp	371096
Ion Ratio	Lower	Upper	
82	100		
128	44.3	34.6	51.8
54	56.4	45.3	67.9

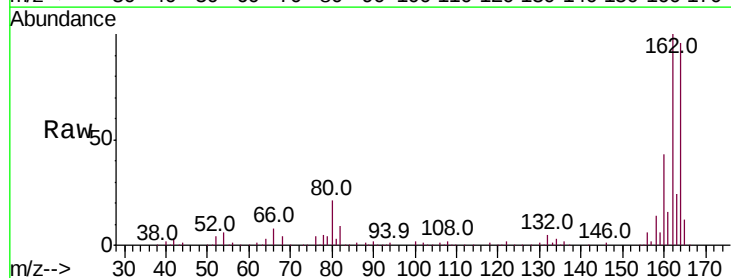


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

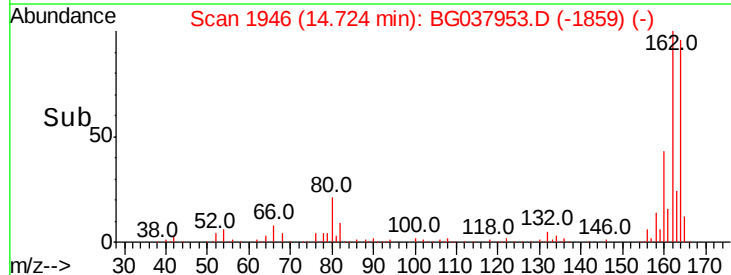
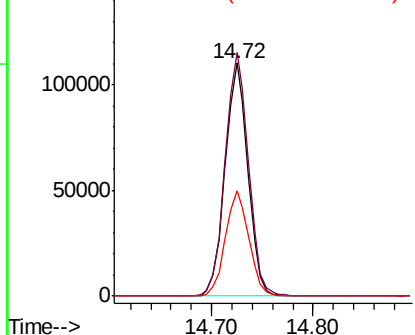


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BG037953.D
Acq: 12 Nov 2018 20:43

Tgt Ion	164	Resp	172227
Ion Ratio	Lower	Upper	
164	100		
162	104.5	81.3	121.9
160	45.4	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

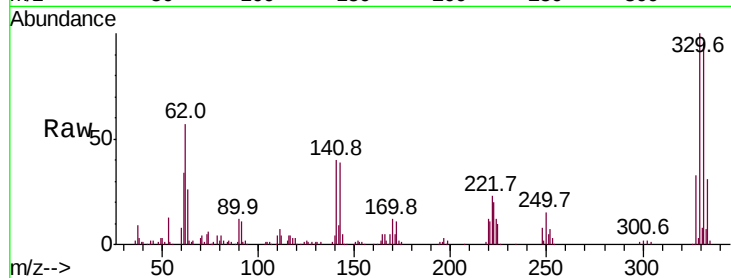




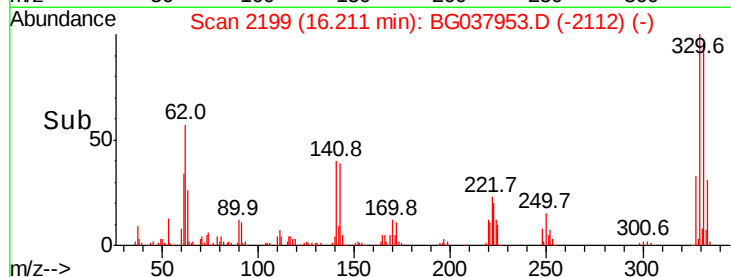
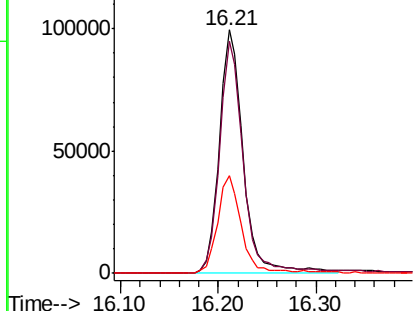
#42
 2,4,6-Tribromophenol
 Concen: 90.171 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.02 min
 Lab File: BG037953.D
 Acq: 12 Nov 2018 20:43

Instrument :
 BNA_G
 ClientSampled :
 TP-3-D

Tot Ion:330 Resp: 169382
 Ion Ratio Lower Upper
 330 100
 332 95.1 78.4 117.6
 141 39.5 32.2 48.2

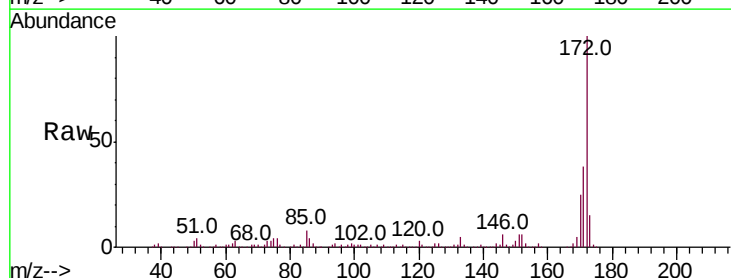


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

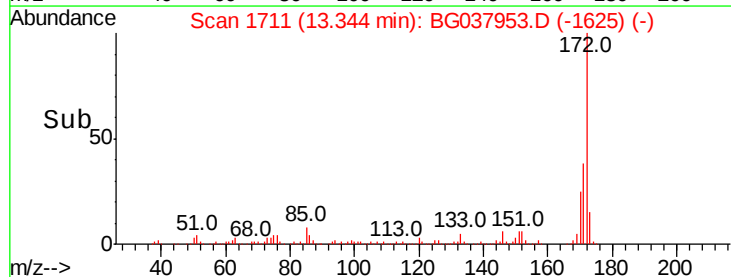
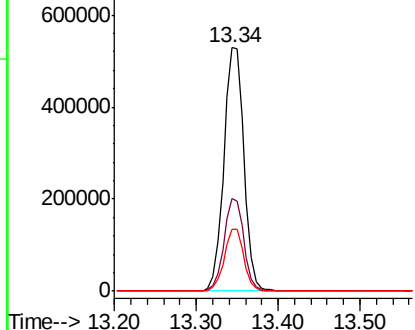


#45
 2-Fluorobiphenyl
 Concen: 78.849 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.02 min
 Lab File: BG037953.D
 Acq: 12 Nov 2018 20:43

Tgt Ion:172 Resp: 900559
 Ion Ratio Lower Upper
 172 100
 171 38.1 31.0 46.4
 170 25.3 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

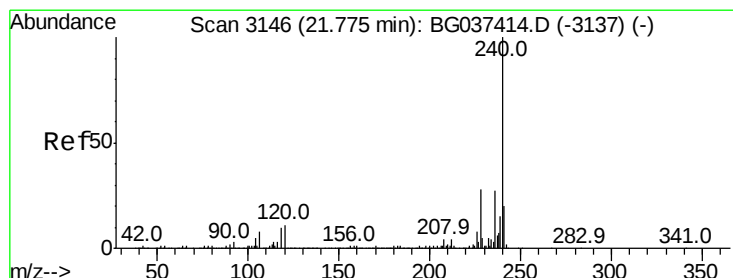
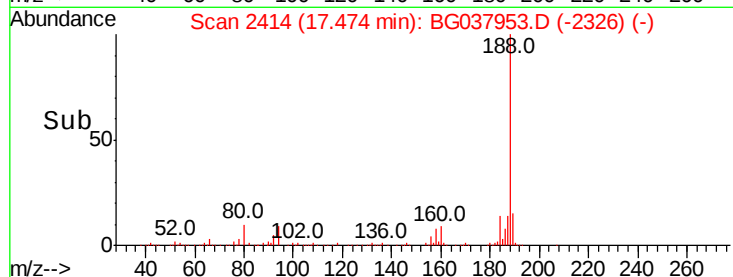
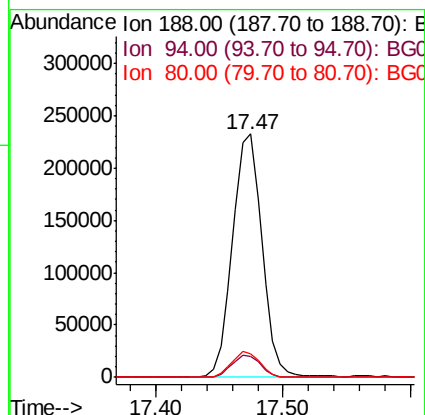
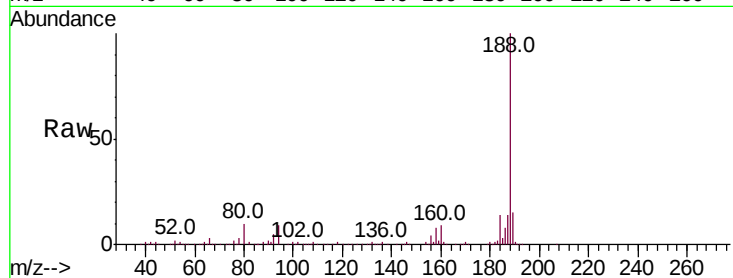




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG037953.D
Acq: 12 Nov 2018 20:43

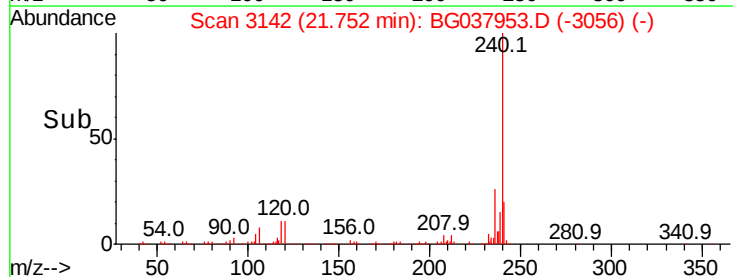
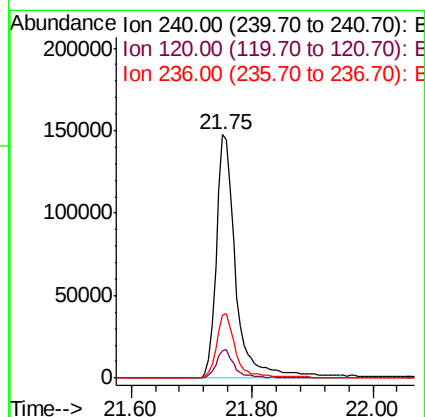
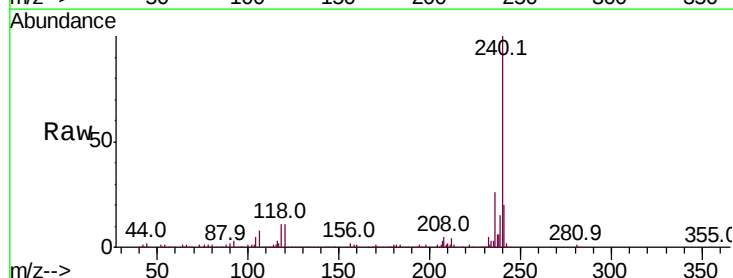
Instrument :
BNA_G
ClientSampleId :
TP-3-D

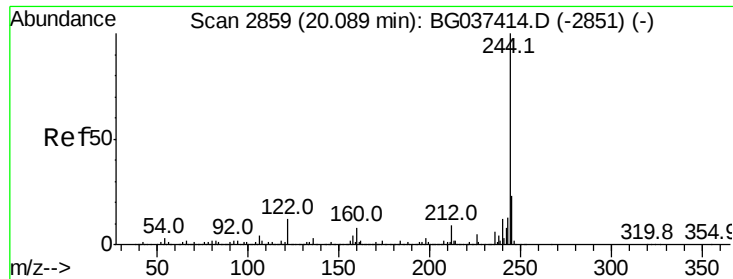
Tot Ion:188 Resp: 375714
Ion Ratio Lower Upper
188 100
94 8.6 7.2 10.8
80 9.8 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.02 min
Lab File: BG037953.D
Acq: 12 Nov 2018 20:43

Tgt Ion:240 Resp: 329434
Ion Ratio Lower Upper
240 100
120 11.0 8.1 12.1
236 26.0 21.4 32.0





#79

Terphenyl-d14

Concen: 82.615 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BG037953.D

Acq: 12 Nov 2018 20:43

Instrument :

BNA_G

ClientSampleId :

TP-3-D

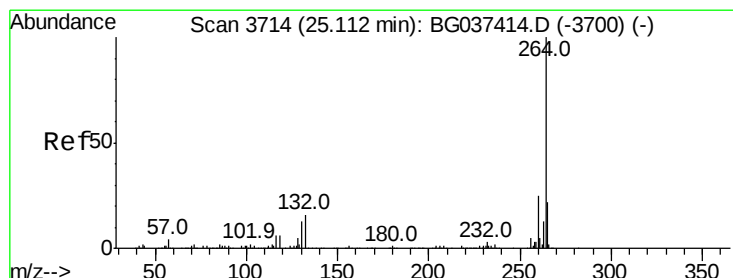
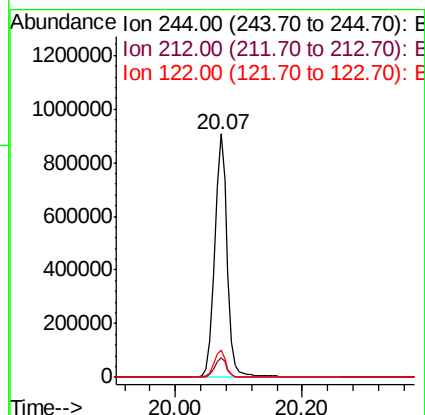
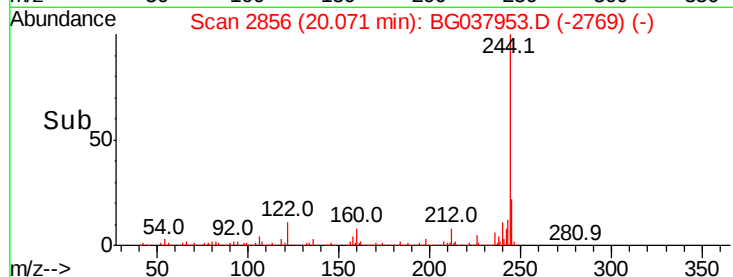
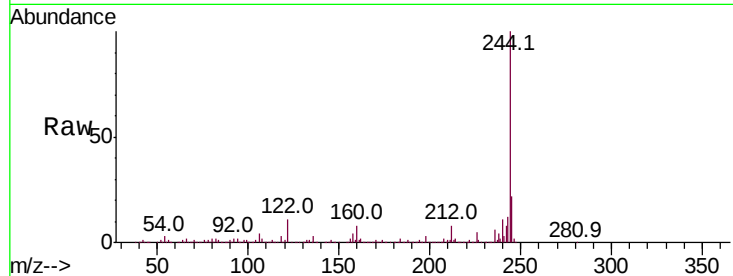
Tot Ion:244 Resp: 1273713

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

122 11.0 9.0 13.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3709

Delta R.T. -0.03 min

Lab File: BG037953.D

Acq: 12 Nov 2018 20:43

Tgt Ion:264 Resp: 242024

Ion Ratio Lower Upper

264 100

260 24.6 18.2 27.4

265 21.6 17.9 26.9

