

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111218\
 Data File : BG037952.D
 Acq On : 12 Nov 2018 20:04
 Operator : JU/SJ
 Sample : J5907-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3-S

Quant Time: Nov 13 06:15:01 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	58167	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	261199	20.00	ng	-0.02
39) Acenaphthene-d10	14.72	164	172466	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	383098	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	334613	20.00	ng	-0.02
87) Perylene-d12	25.08	264	267400	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	352686	101.37	ng	-0.01
7) Phenol-d6	7.24	99	456690	86.81	ng	-0.01
23) Nitrobenzene-d5	9.27	82	371046	79.58	ng	-0.02
42) 2,4,6-Tribromophenol	16.21	330	180520	95.97	ng	-0.02
45) 2-Fluorobiphenyl	13.34	172	906405	79.25	ng	-0.02
79) Terphenyl-d14	20.07	244	1308803	83.58	ng	-0.02

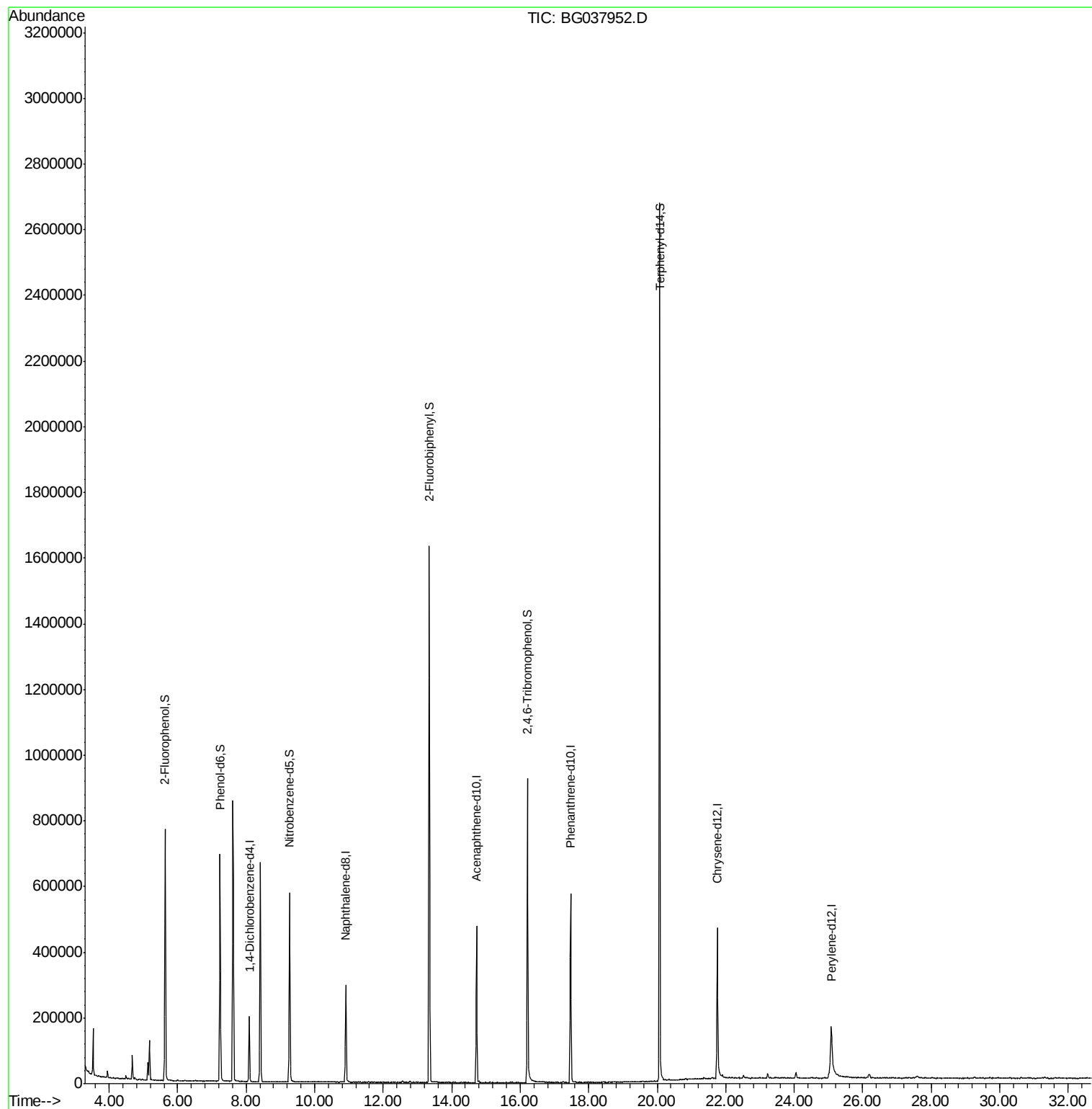
Target Compounds Qvalue

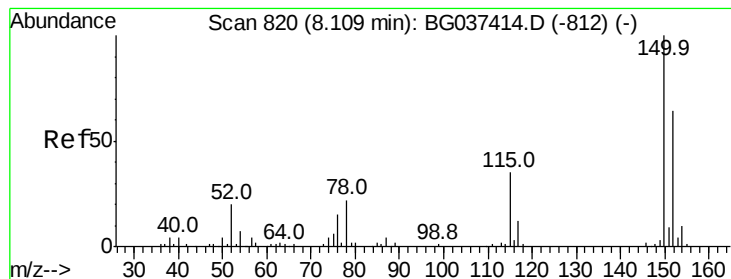
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG037952.D

Acq: 12 Nov 2018 20:04

Instrument :

BNA_G

ClientSampleId :

TP-3-S

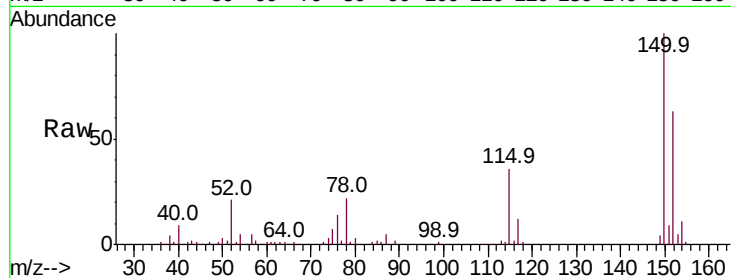
Tot Ion:152 Resp: 58167

Ion Ratio Lower Upper

152 100

150 157.6 126.0 189.0

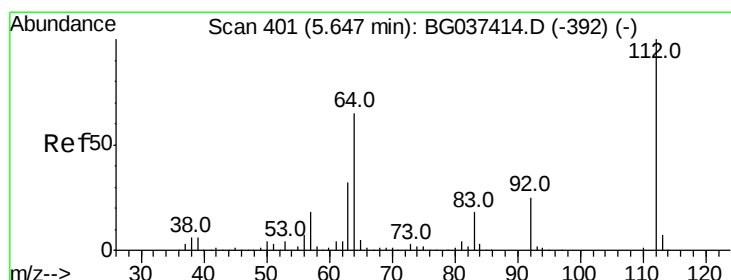
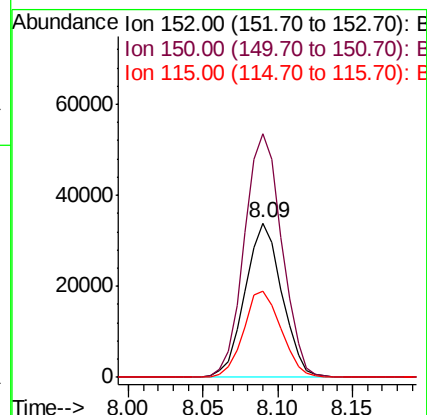
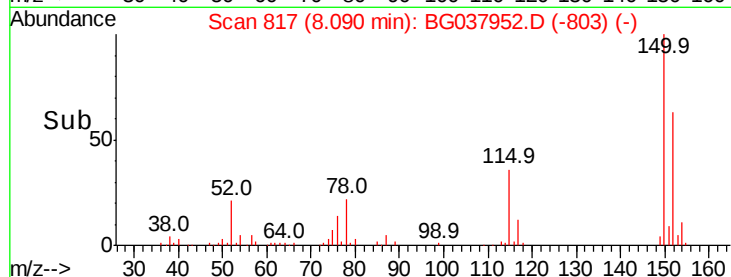
115 56.0 45.5 68.3



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: 101.370 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.01 min

Lab File: BG037952.D

Acq: 12 Nov 2018 20:04

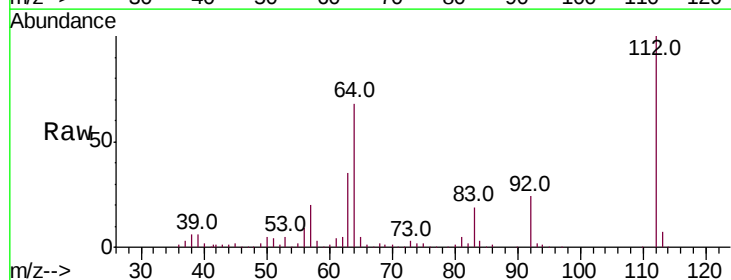
Tgt Ion:112 Resp: 352686

Ion Ratio Lower Upper

112 100

64 67.8 53.1 79.7

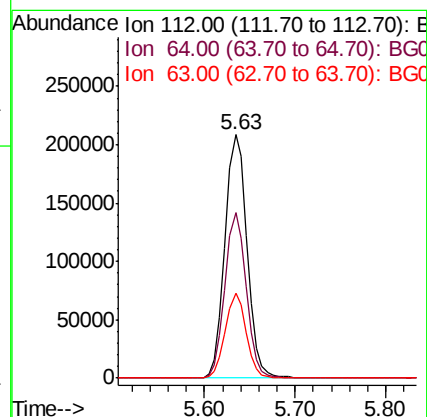
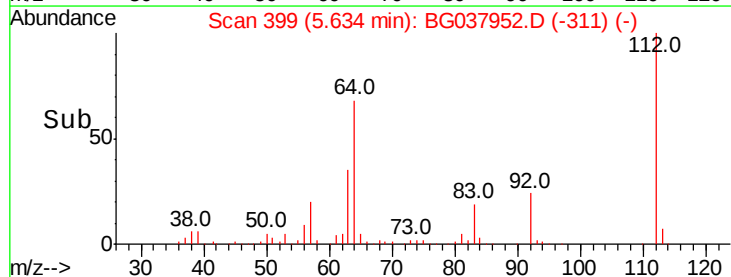
63 34.9 27.3 40.9



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: 86.807 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037952.D

Acq: 12 Nov 2018 20:04

Instrument :

BNA_G

ClientSampleId :

TP-3-S

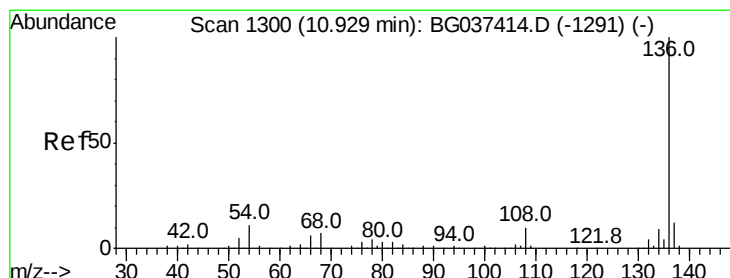
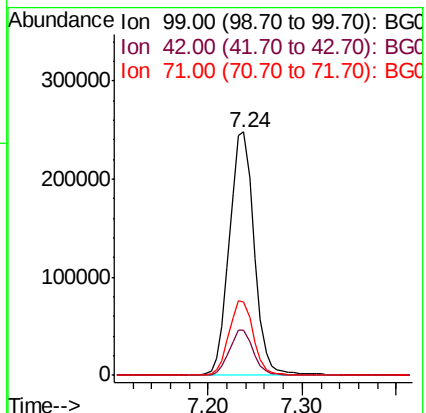
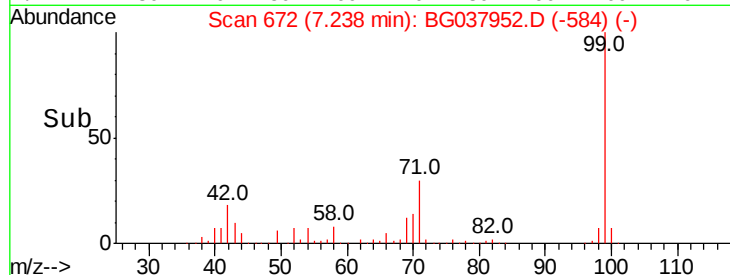
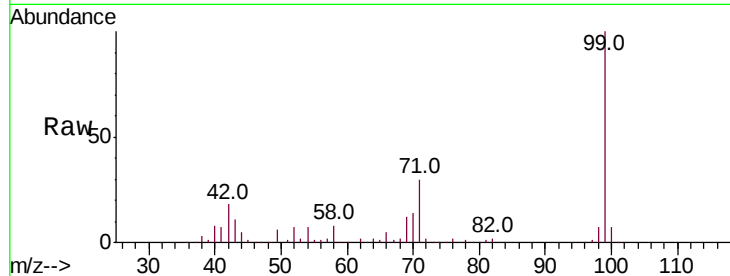
Tot Ion: 99 Resp: 456690

Ion Ratio Lower Upper

99 100

42 18.3 15.0 22.4

71 30.0 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: BG037952.D

Acq: 12 Nov 2018 20:04

Tgt Ion: 136 Resp: 261199

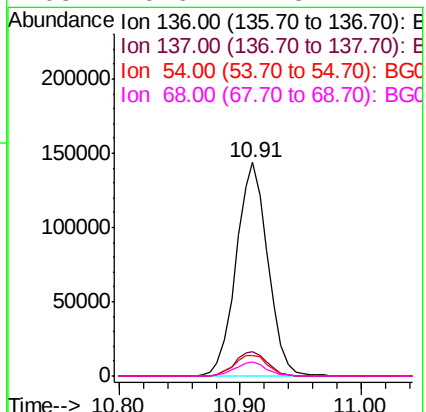
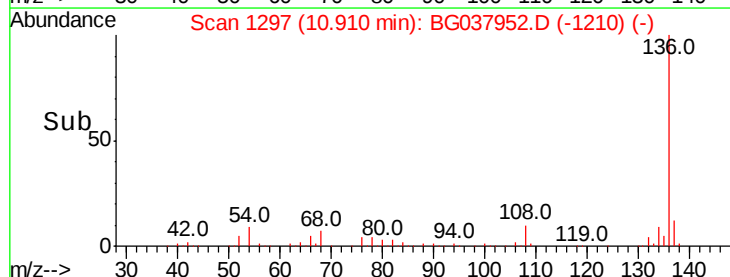
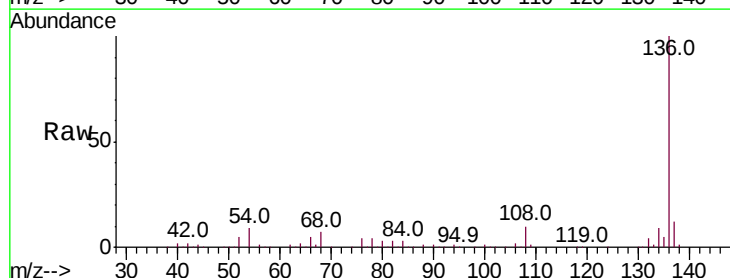
Ion Ratio Lower Upper

136 100

137 11.6 9.6 14.4

54 9.4 7.9 11.9

68 6.6 4.8 7.2

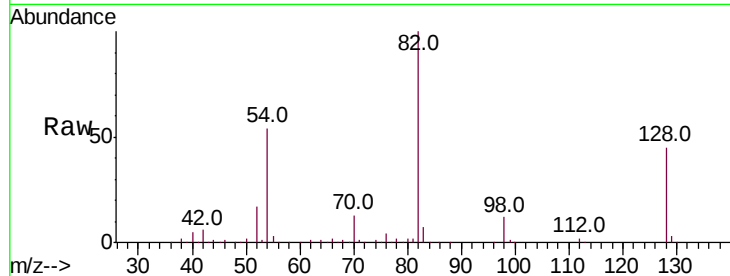




#23
Nitrobenzene-d5
Concen: 79.578 ng
RT: 9.27 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BG037952.D
Acq: 12 Nov 2018 20:04

Instrument :
BNA_G
ClientSampleId :
TP-3-S

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.6	51.8
54	53.8	45.3	67.9

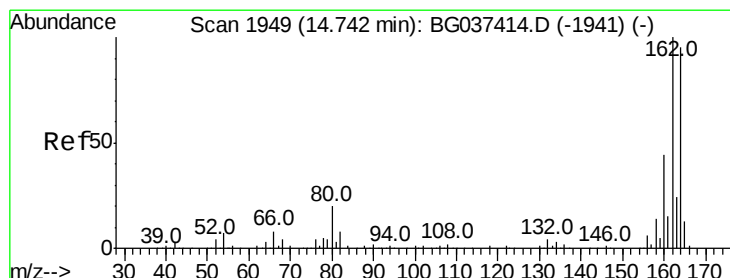
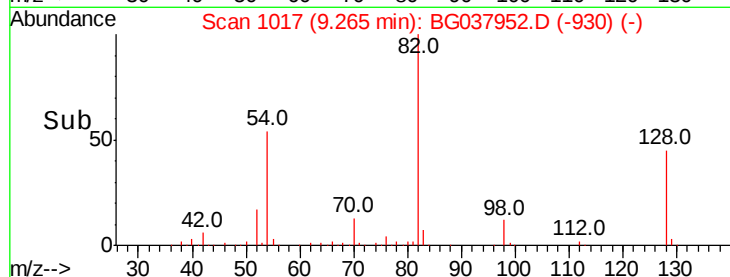
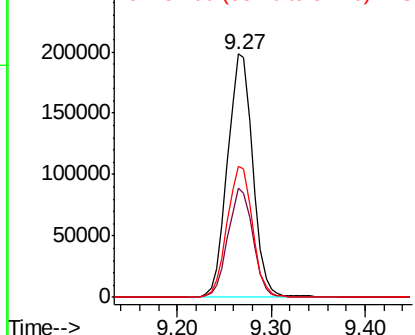


Abundance

Ion 82.00 (81.70 to 82.70): BGC

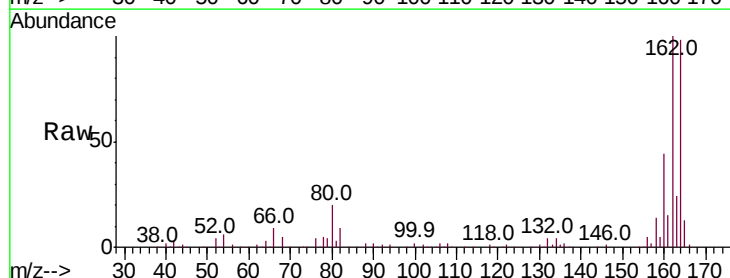
Ion 128.00 (127.70 to 128.70): BGC

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: BG037952.D
Acq: 12 Nov 2018 20:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.3	121.9
160	44.7	36.3	54.5

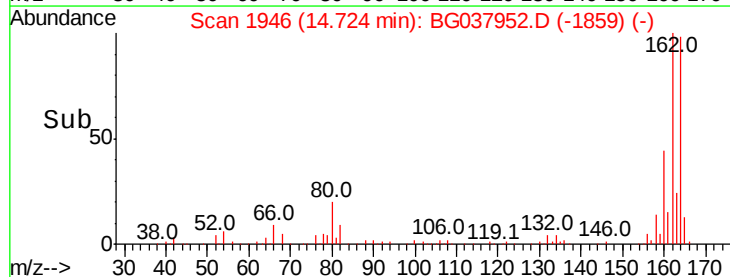
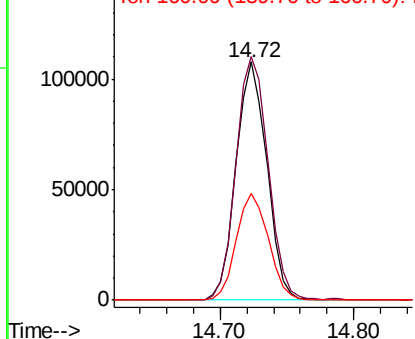


Abundance

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: 95.967 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.02 min

Lab File: BG037952.D

Acq: 12 Nov 2018 20:04

Instrument :

BNA_G

ClientSampleId :

TP-3-S

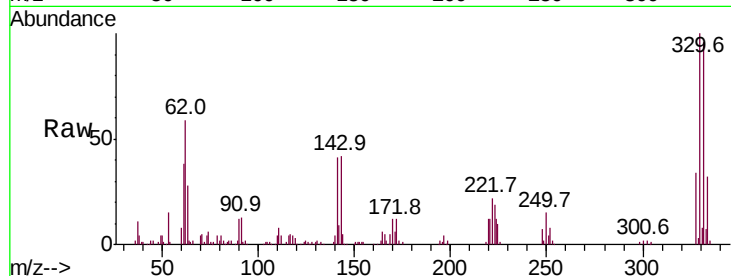
Tot Ion:330 Resp: 180520

Ion Ratio Lower Upper

330 100

332 97.8 78.4 117.6

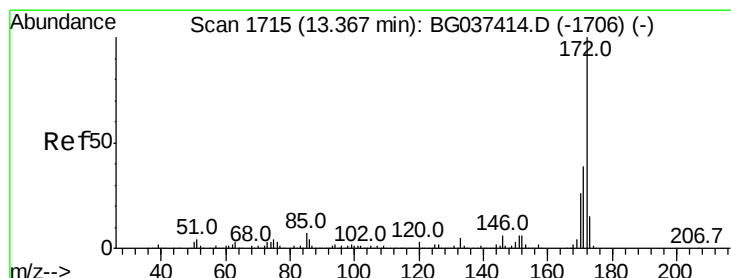
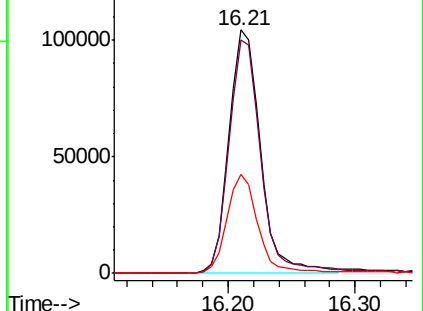
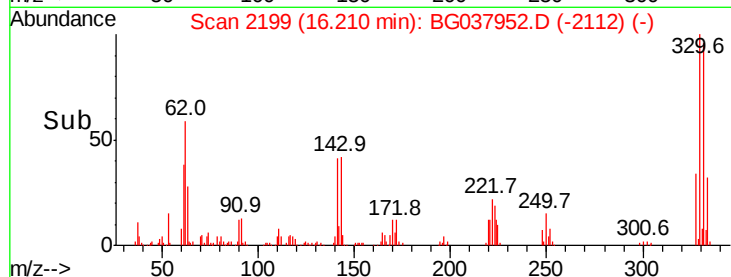
141 40.4 32.2 48.2



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: 79.251 ng

RT: 13.34 min Scan# 1711

Delta R.T. -0.02 min

Lab File: BG037952.D

Acq: 12 Nov 2018 20:04

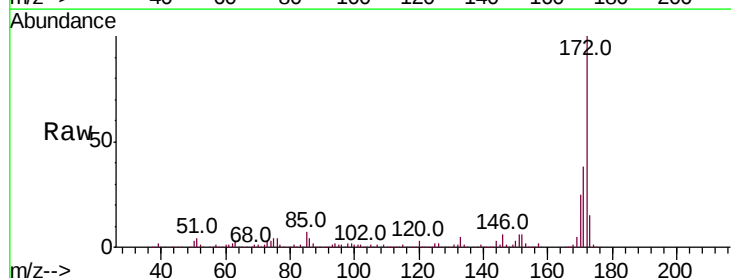
Tgt Ion:172 Resp: 906405

Ion Ratio Lower Upper

172 100

171 37.8 31.0 46.4

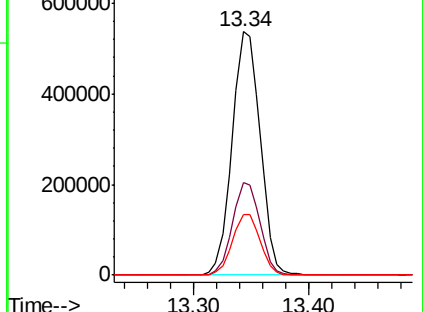
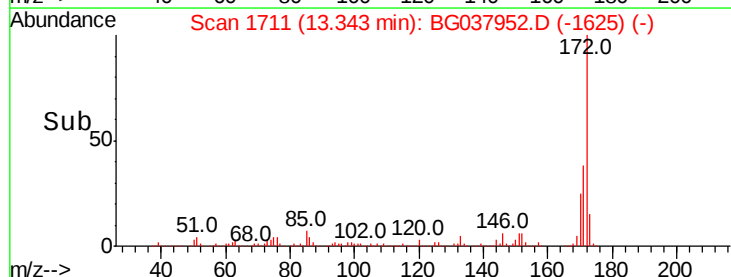
170 25.0 20.2 30.2



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: BG037952.D

Acq: 12 Nov 2018 20:04

Instrument :

BNA_G

ClientSampleId :

TP-3-S

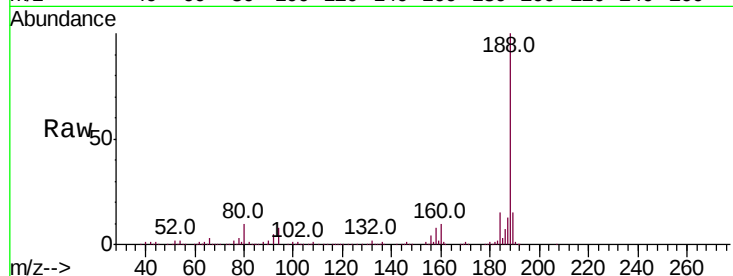
Tot Ion:188 Resp: 383098

Ion Ratio Lower Upper

188 100

94 8.4 7.2 10.8

80 9.8 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

300000

250000

200000

150000

100000

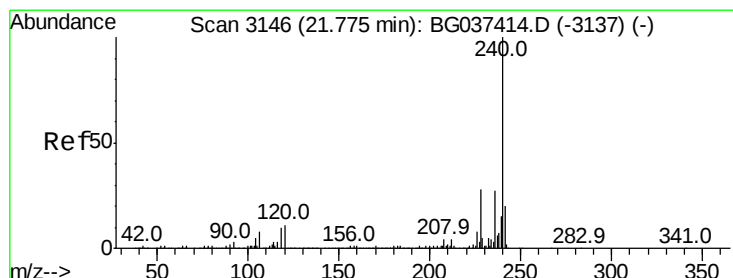
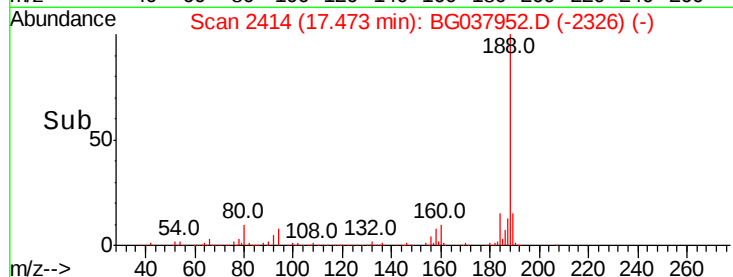
50000

0

17.40

17.50

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3143

Delta R.T. -0.02 min

Lab File: BG037952.D

Acq: 12 Nov 2018 20:04

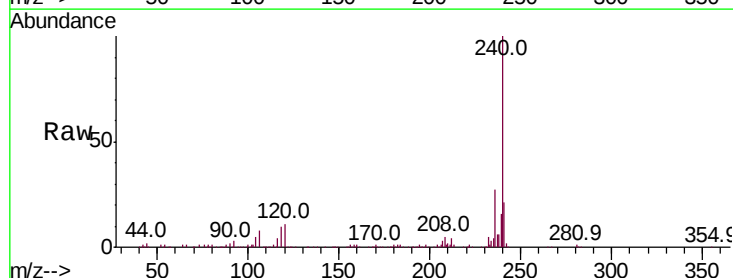
Tgt Ion:240 Resp: 334613

Ion Ratio Lower Upper

240 100

120 11.3 8.1 12.1

236 26.9 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

200000

150000

100000

50000

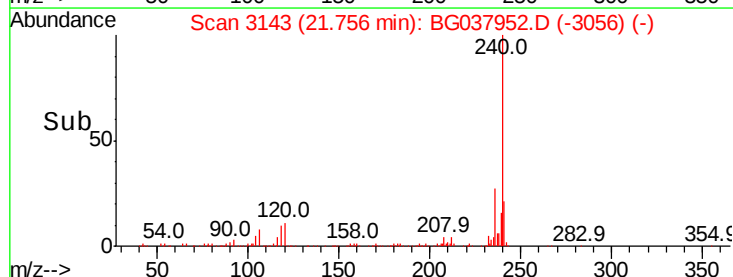
0

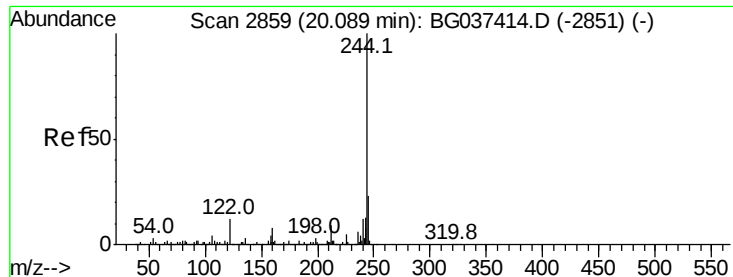
21.70

21.80

21.90

Time-->





#79

Terphenyl-d14

Concen: 83.577 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BG037952.D

Acq: 12 Nov 2018 20:04

Instrument :

BNA_G

ClientSampleId :

TP-3-S

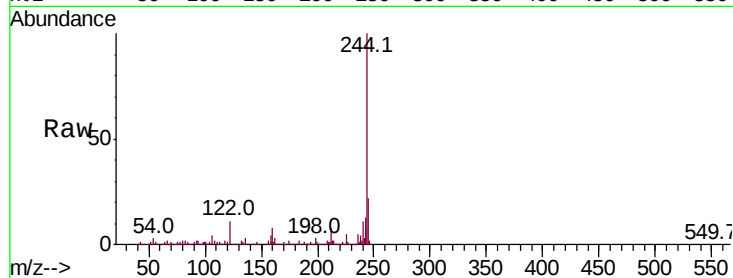
Tot Ion:244 Resp: 1308803

Ion Ratio Lower Upper

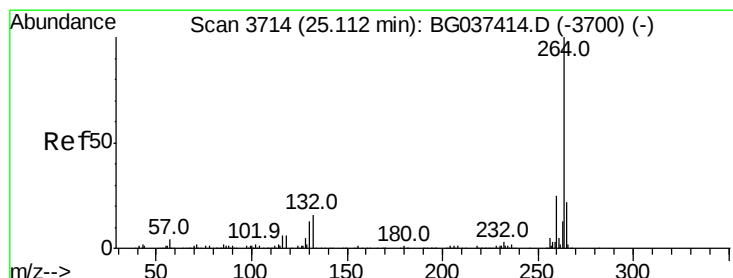
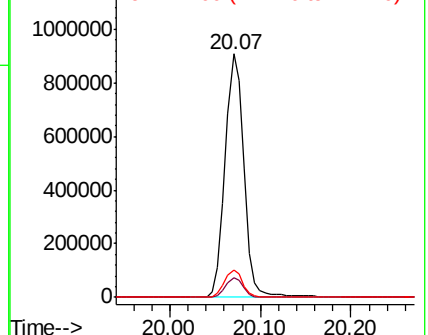
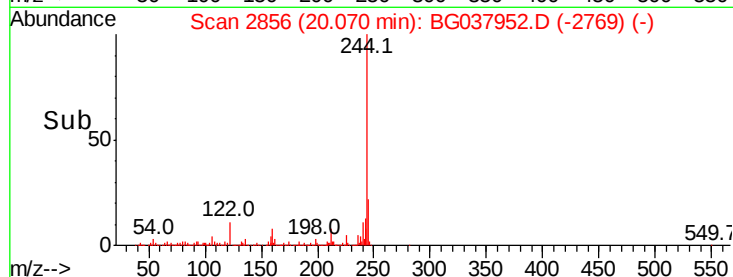
244 100

212 8.2 6.5 9.7

122 11.4 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: 25.08 min Scan# 3709

Delta R.T. -0.03 min

Lab File: BG037952.D

Acq: 12 Nov 2018 20:04

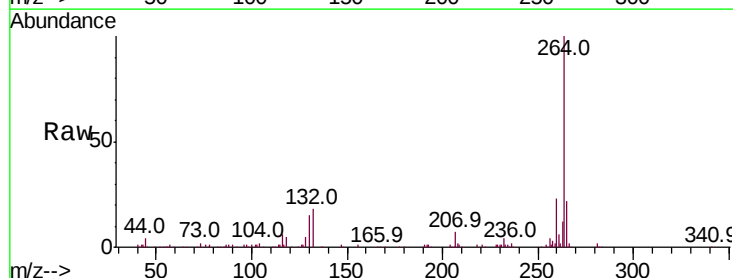
Tgt Ion:264 Resp: 267400

Ion Ratio Lower Upper

264 100

260 23.2 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

