

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110518\
 Data File : BG037814.D
 Acq On : 5 Nov 2018 22:20
 Operator : JU/SJ
 Sample : J5794-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-12B-S

Quant Time: Nov 06 05:00:32 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	56486	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	254976	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	168483	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	368939	20.00	ng	0.00
76) Chrysene-d12	21.76	240	325584	20.00	ng	-0.01
87) Perylene-d12	25.10	264	241829	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	361986	107.14	ng	0.00
7) Phenol-d6	7.24	99	471035	92.20	ng	-0.01
23) Nitrobenzene-d5	9.27	82	365832	80.37	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	166855	90.80	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	912068	81.63	ng	-0.02
79) Terphenyl-d14	20.08	244	1301453	85.41	ng	-0.01

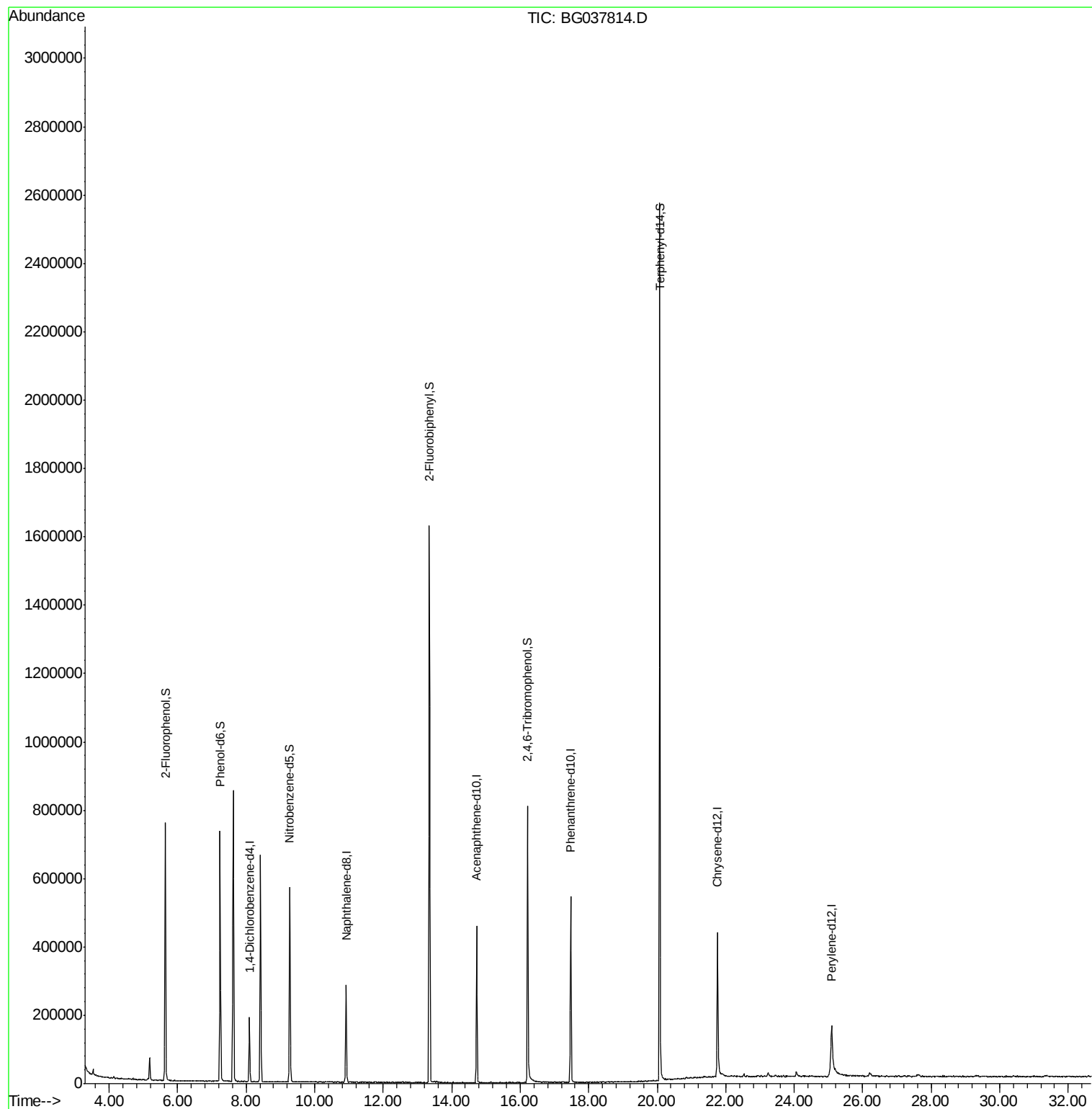
Target Compounds Qvalue

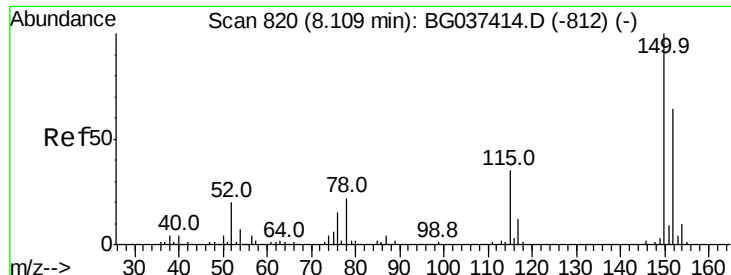
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG037814.D

Acq: 5 Nov 2018 22:20

Instrument :

BNA_G

ClientSampleId :

TP-12B-S

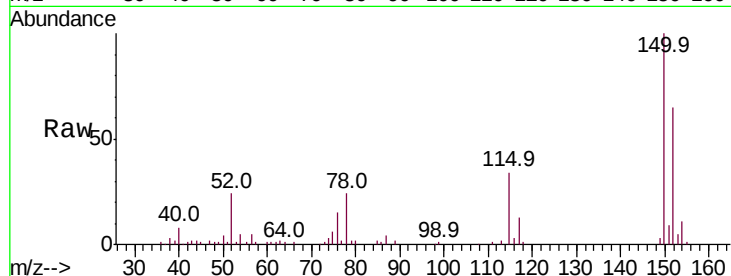
Tot Ion:152 Resp: 56486

Ion Ratio Lower Upper

152 100

150 154.7 126.0 189.0

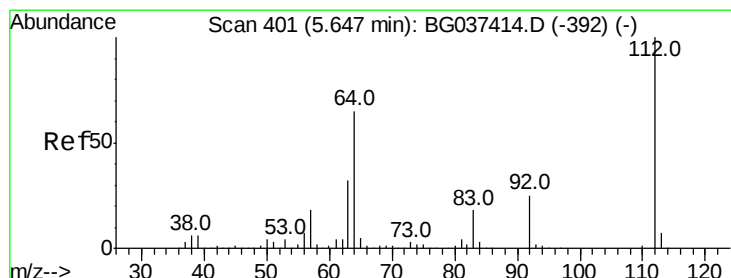
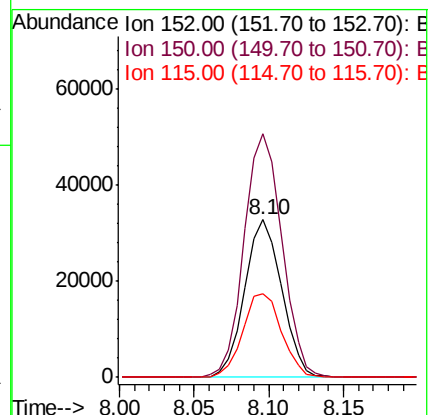
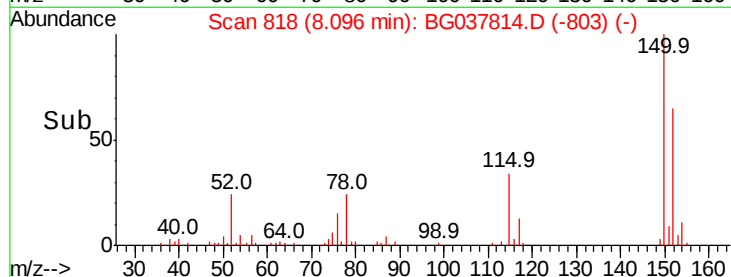
115 52.9 45.5 68.3



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: 107.139 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG037814.D

Acq: 5 Nov 2018 22:20

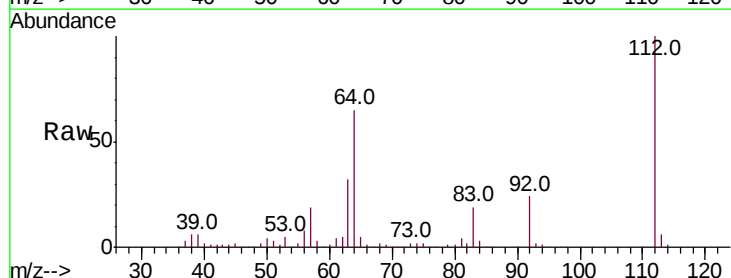
Tgt Ion:112 Resp: 361986

Ion Ratio Lower Upper

112 100

64 64.5 53.1 79.7

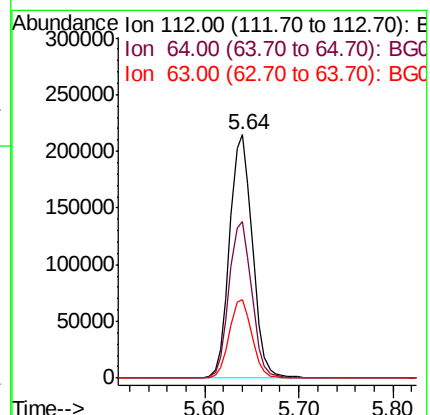
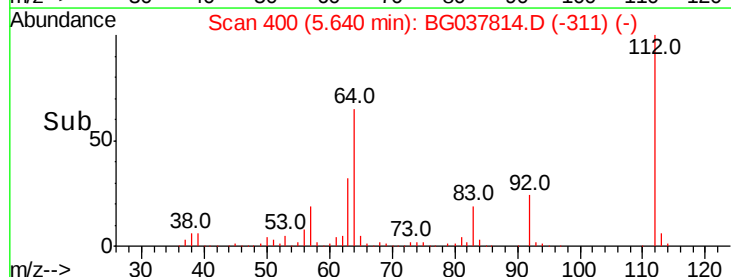
63 32.1 27.3 40.9



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: 92.198 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037814.D

Acq: 5 Nov 2018 22:20

Instrument :

BNA_G

ClientSampleId :

TP-12B-S

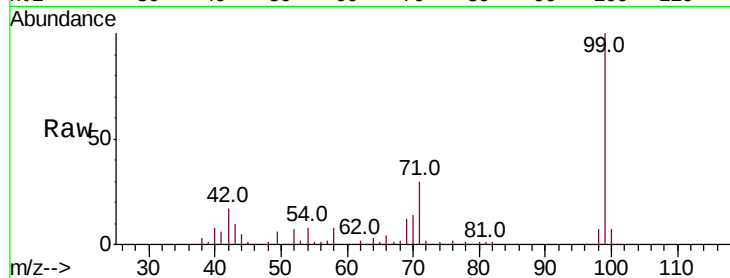
Tot Ion: 99 Resp: 471035

Ion Ratio Lower Upper

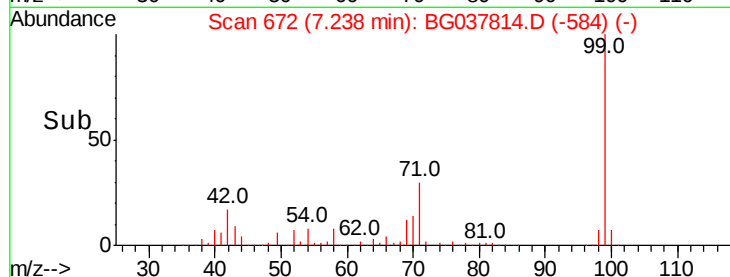
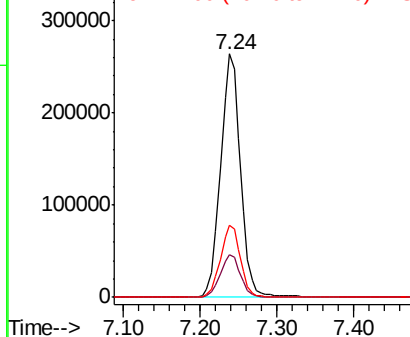
99 100

42 17.4 15.0 22.4

71 29.8 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# 1298

Delta R.T. -0.01 min

Lab File: BG037814.D

Acq: 5 Nov 2018 22:20

Tgt Ion: 136 Resp: 254976

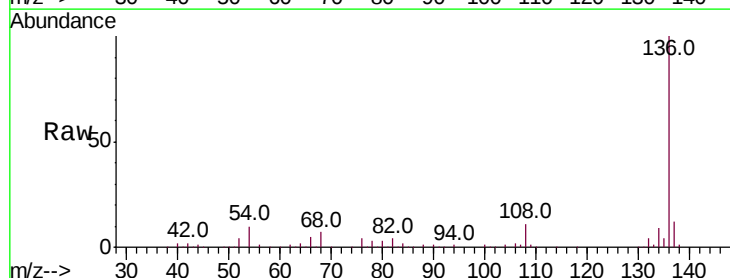
Ion Ratio Lower Upper

136 100

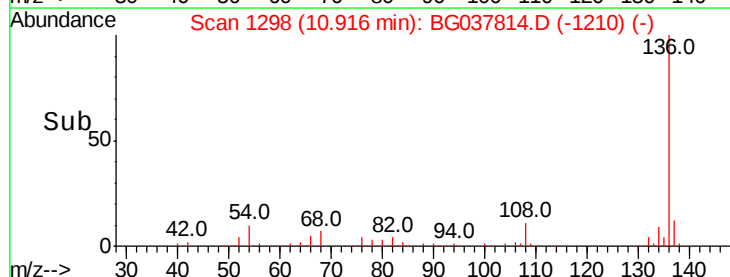
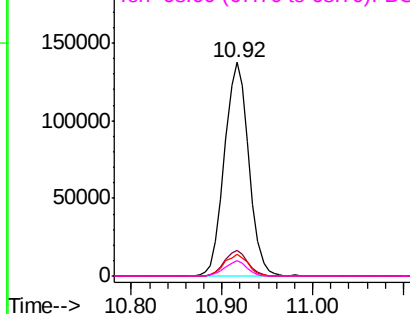
137 12.0 9.6 14.4

54 9.9 7.9 11.9

68 7.0 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: 80.374 ng

RT: 9.27 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BG037814.D

Acq: 5 Nov 2018 22:20

Instrument :

BNA_G

ClientSampleId :

TP-12B-S

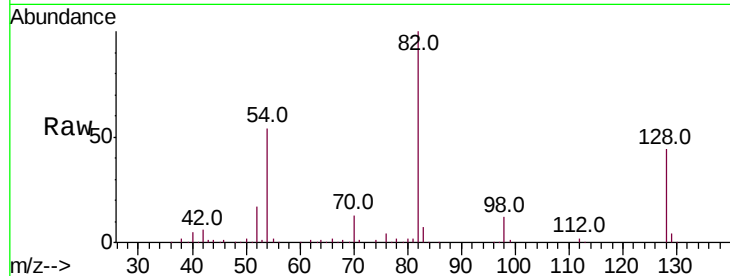
Tot Ion: 82 Resp: 365832

Ion Ratio Lower Upper

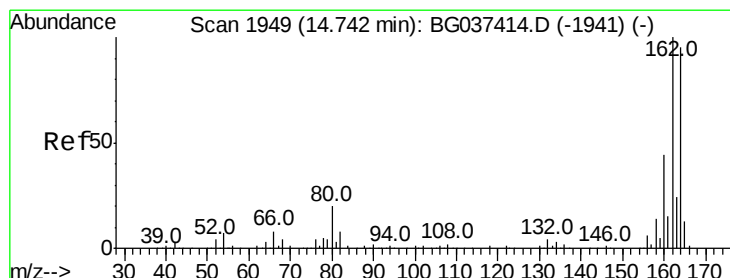
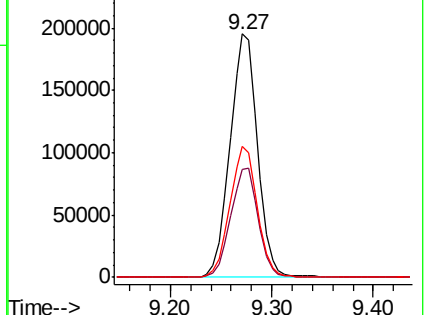
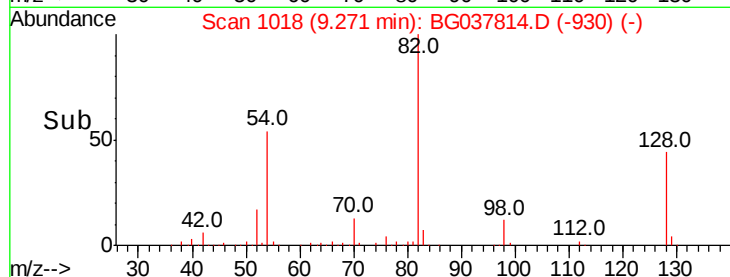
82 100

128 44.3 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: BG037814.D

Acq: 5 Nov 2018 22:20

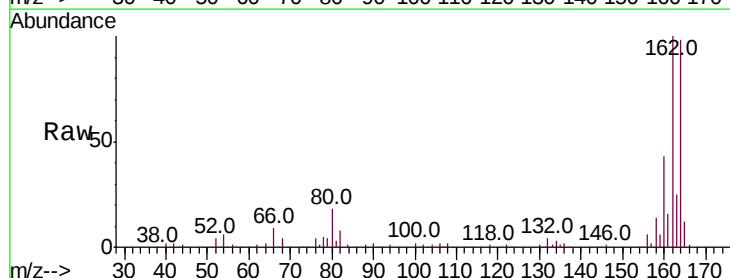
Tgt Ion: 164 Resp: 168483

Ion Ratio Lower Upper

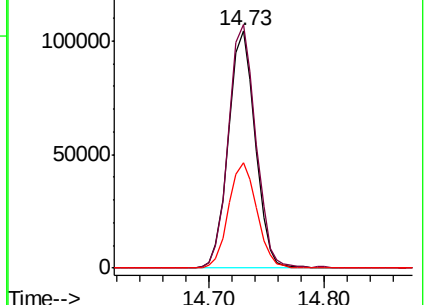
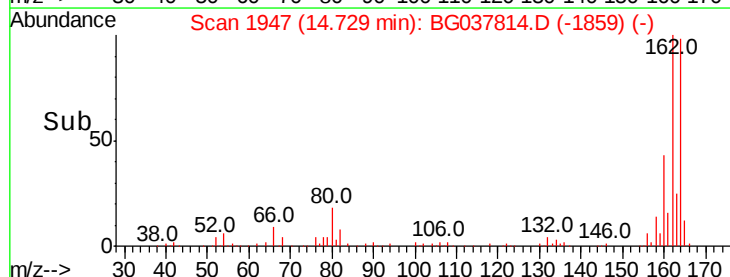
164 100

162 102.4 81.3 121.9

160 44.3 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: 90.799 ng

RT: 16.22 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG037814.D

Acq: 5 Nov 2018 22:20

Instrument :

BNA_G

ClientSampleId :

TP-12B-S

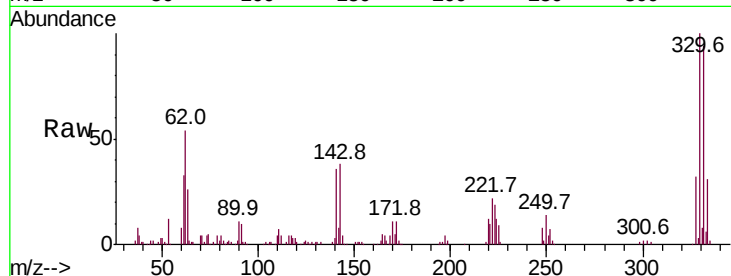
Tot Ion:330 Resp: 166855

Ion Ratio Lower Upper

330 100

332 96.0 78.4 117.6

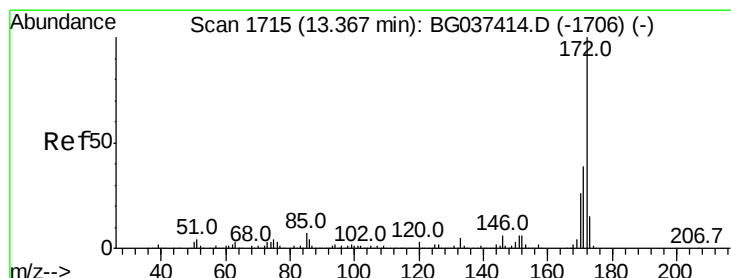
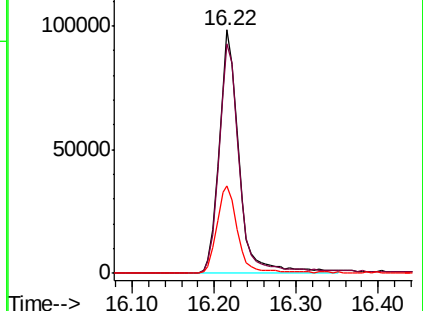
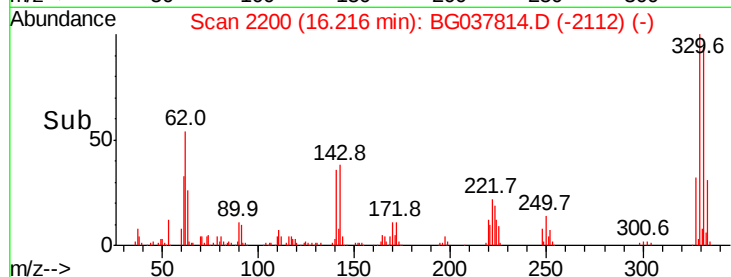
141 37.7 32.2 48.2



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: 81.631 ng

RT: 13.35 min Scan# 1712

Delta R.T. -0.02 min

Lab File: BG037814.D

Acq: 5 Nov 2018 22:20

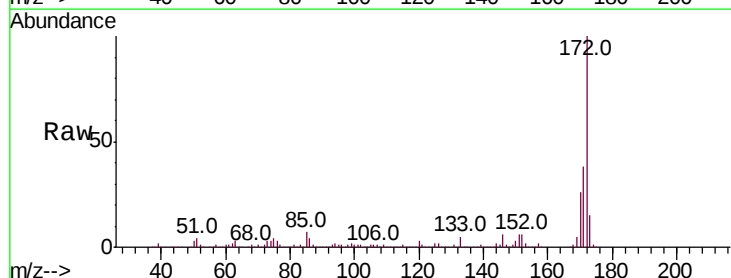
Tgt Ion:172 Resp: 912068

Ion Ratio Lower Upper

172 100

171 37.5 31.0 46.4

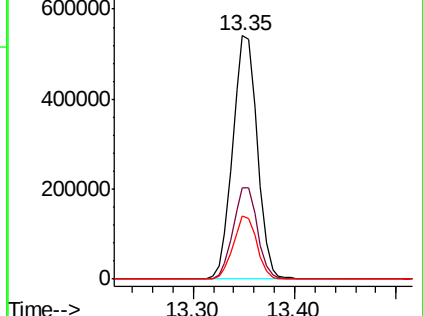
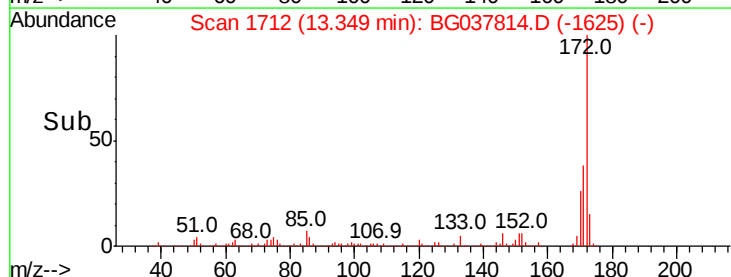
170 25.7 20.2 30.2

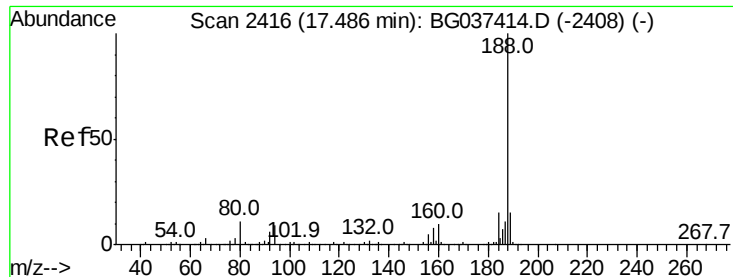


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

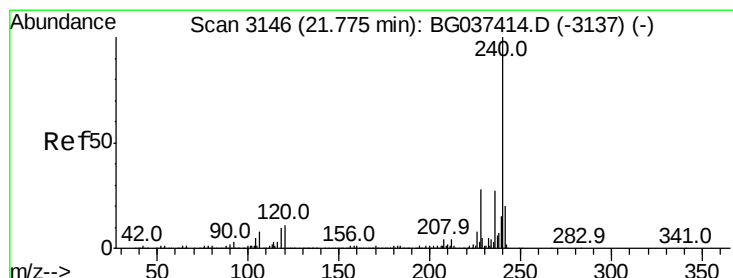
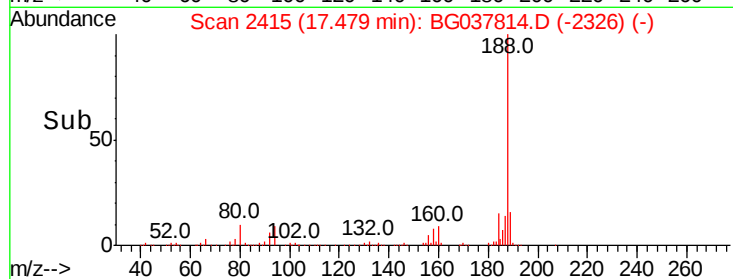
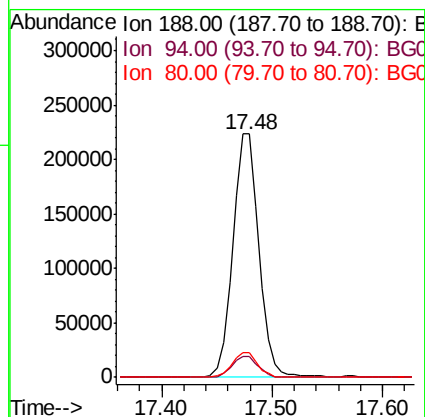
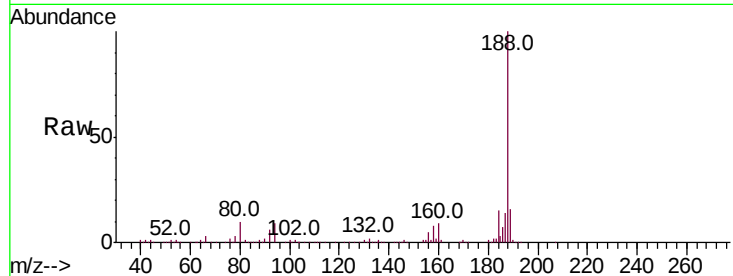




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037814.D
Acq: 5 Nov 2018 22:20

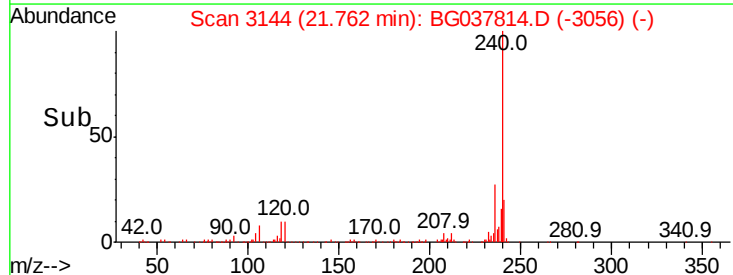
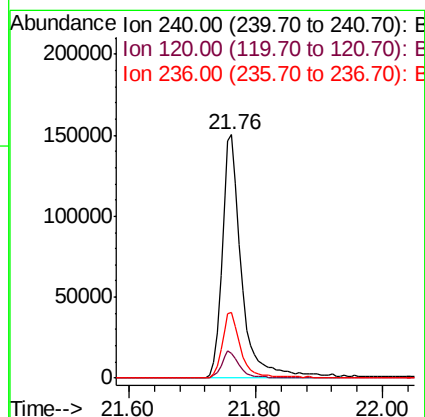
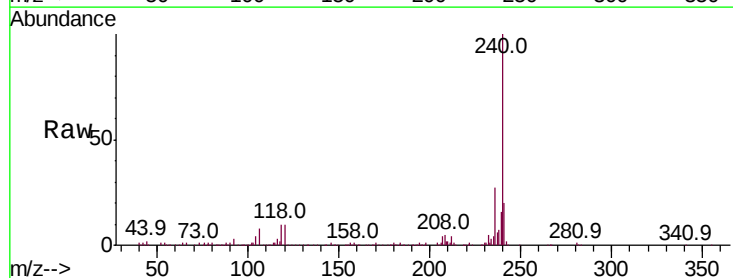
Instrument :
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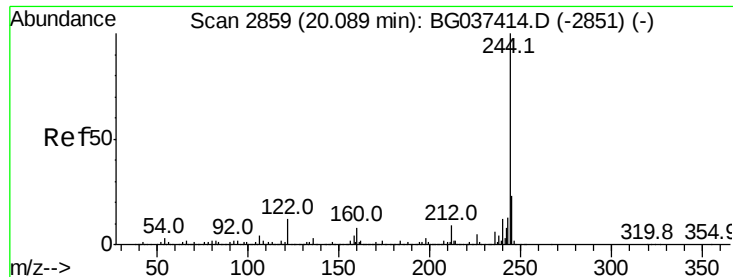
Tot Ion:188 Resp: 368939
Ion Ratio Lower Upper
188 100
94 8.5 7.2 10.8
80 10.0 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037814.D
Acq: 5 Nov 2018 22:20

Tgt Ion:240 Resp: 325584
Ion Ratio Lower Upper
240 100
120 10.3 8.1 12.1
236 27.1 21.4 32.0





#79

Terphenyl-d14

Concen: 85.413 ng

RT: 20.08 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037814.D

Acq: 5 Nov 2018 22:20

Instrument :

BNA_G

ClientSampleId :

TP-12B-S

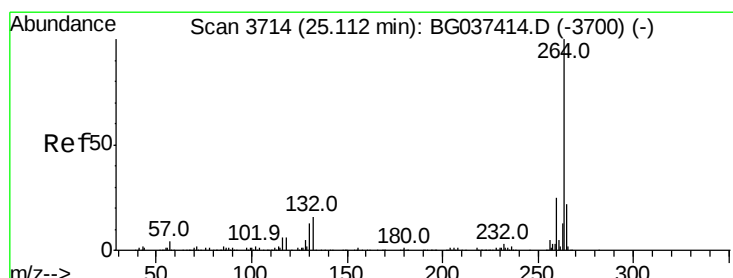
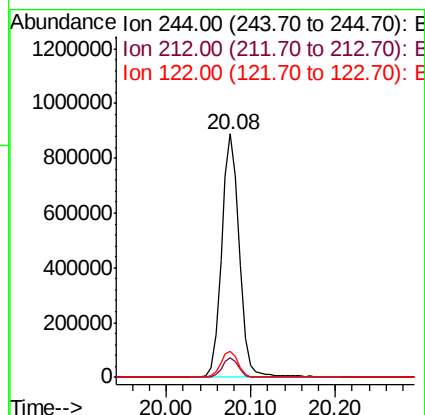
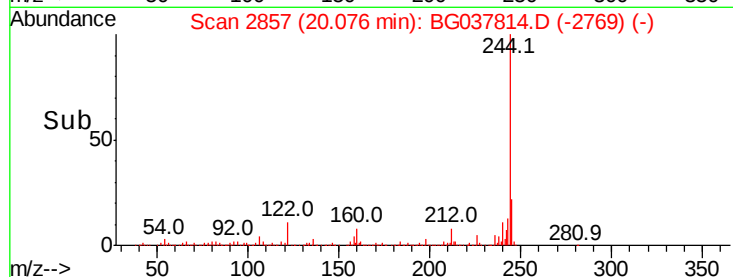
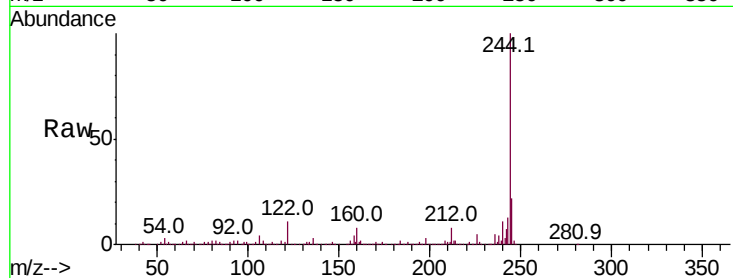
Tot Ion:244 Resp: 1301453

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

122 10.9 9.0 13.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG037814.D

Acq: 5 Nov 2018 22:20

Tgt Ion:264 Resp: 241829

Ion Ratio Lower Upper

264 100

260 23.1 18.2 27.4

265 21.3 17.9 26.9

