

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111218\
 Data File : BG037960.D
 Acq On : 13 Nov 2018 1:21
 Operator : JU/SJ
 Sample : PB114721TB
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114721TB

Quant Time: Nov 13 06:29:13 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	45821	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	212464	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	137841	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	303224	20.00	ng	-0.02
76) Chrysene-d12	21.76	240	256527	20.00	ng	-0.02
87) Perylene-d12	25.08	264	186850	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	347659	126.85	ng	-0.01
7) Phenol-d6	7.23	99	505290	121.92	ng	-0.02
23) Nitrobenzene-d5	9.27	82	306820	80.90	ng	-0.02
42) 2,4,6-Tribromophenol	16.21	330	153871	102.35	ng	-0.02
45) 2-Fluorobiphenyl	13.35	172	766667	83.87	ng	-0.02
79) Terphenyl-d14	20.07	244	1069805	89.11	ng	-0.02

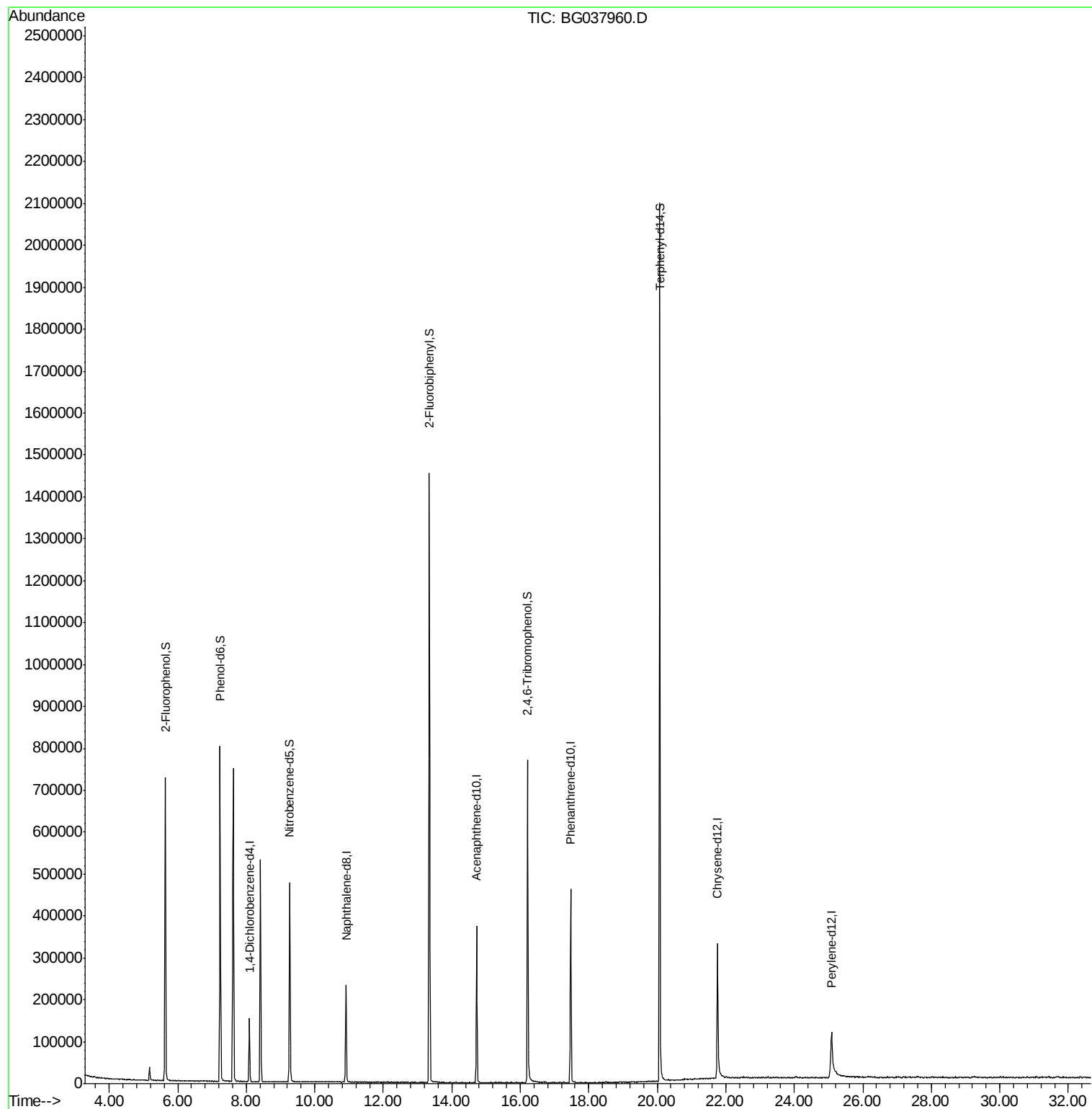
Target Compounds Qvalue

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

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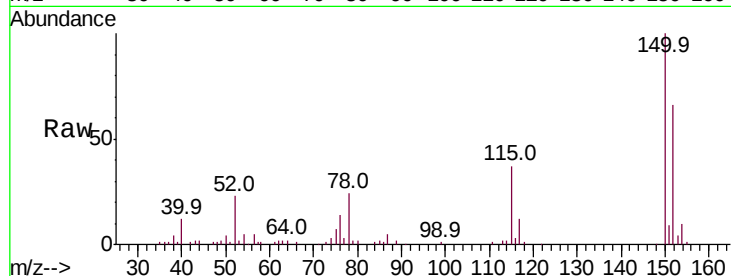


#1

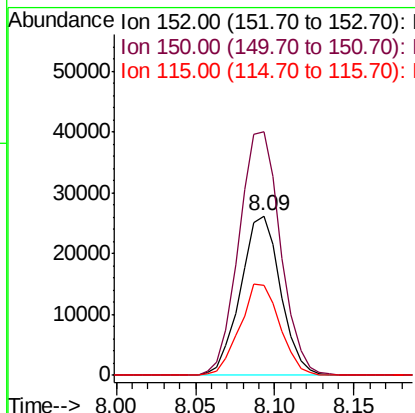
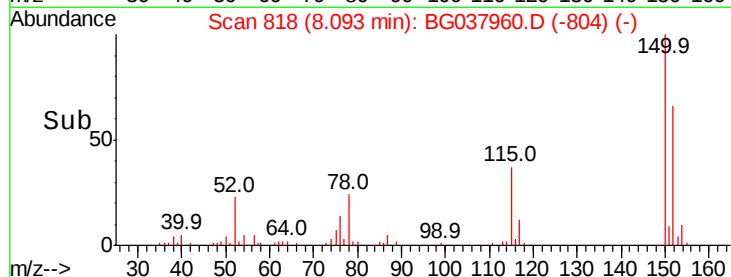
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.02 min
Lab File: BG037960.D
Acq: 13 Nov 2018 1:21

Instrument :
BNA_G
ClientSampleId :
PB114721TB

Tot Ion:152 Resp: 45821
Ion Ratio Lower Upper
152 100
150 152.4 126.0 189.0
115 56.0 45.5 68.3



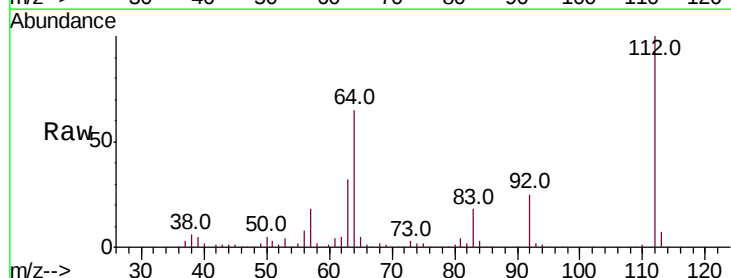
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



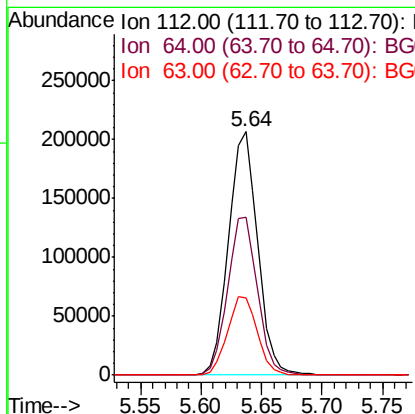
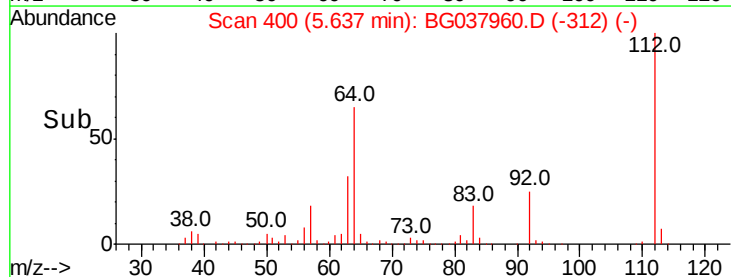
#5

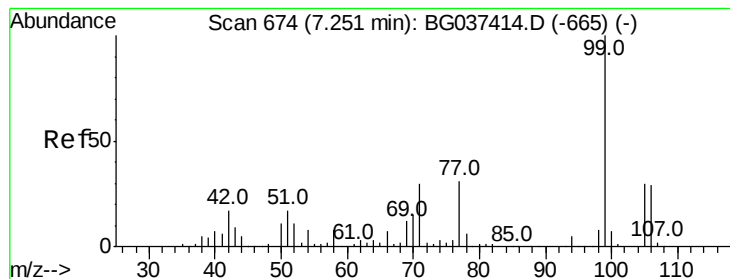
2-Fluorophenol
Concen: 126.849 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037960.D
Acq: 13 Nov 2018 1:21

Tgt Ion:112 Resp: 347659
Ion Ratio Lower Upper
112 100
64 64.8 53.1 79.7
63 31.9 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: 121.923 ng

RT: 7.23 min Scan# 672

Delta R.T. -0.02 min

Lab File: BG037960.D

Acq: 13 Nov 2018 1:21

Instrument :

BNA_G

ClientSampleId :

PB114721TB

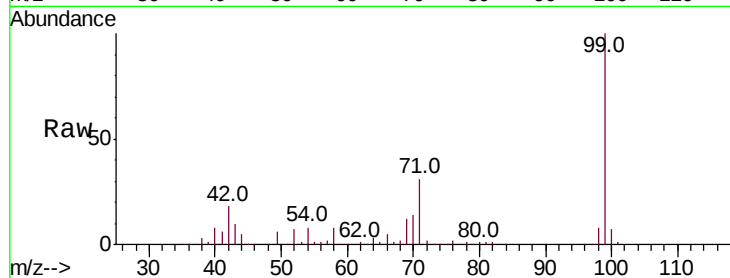
Tot Ion: 99 Resp: 505290

Ion Ratio Lower Upper

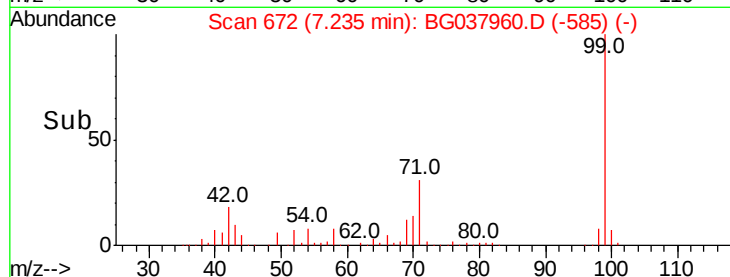
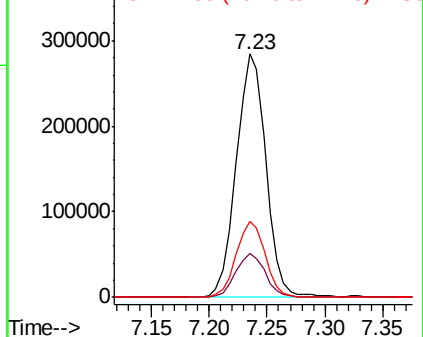
99 100

42 17.8 15.0 22.4

71 31.4 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# 1298

Delta R.T. -0.02 min

Lab File: BG037960.D

Acq: 13 Nov 2018 1:21

Tgt Ion: 136 Resp: 212464

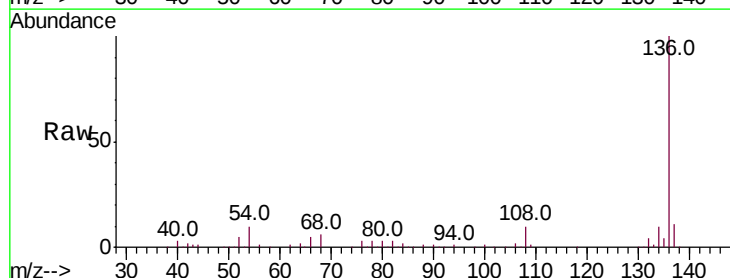
Ion Ratio Lower Upper

136 100

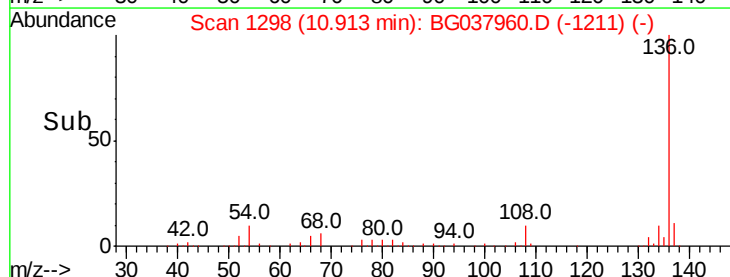
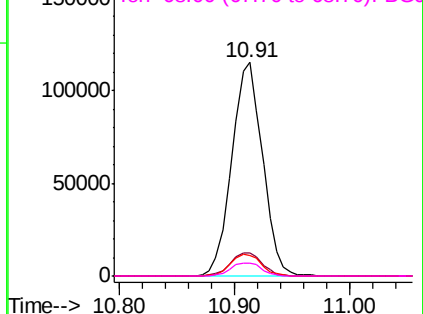
137 10.8 9.6 14.4

54 9.8 7.9 11.9

68 6.0 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

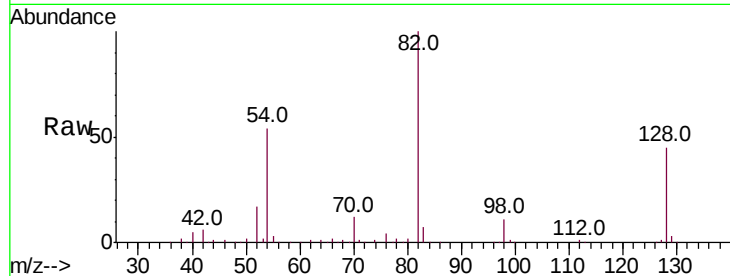




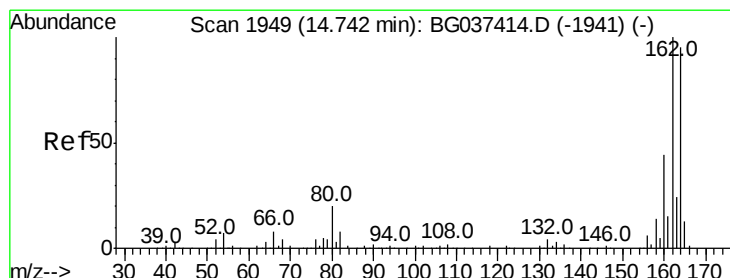
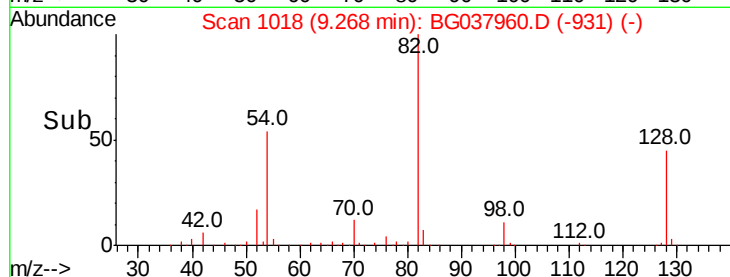
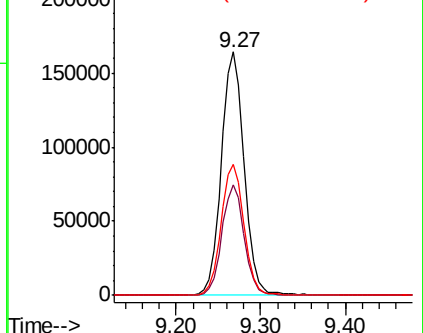
#23
Nitrobenzene-d5
Concen: 80.897 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.02 min
Lab File: BG037960.D
Acq: 13 Nov 2018 1:21

Instrument :
BNA_G
ClientSampleId :
PB114721TB

Tot Ion	82	Resp	306820
Ion Ratio	Lower	Upper	
82	100		
128	45.3	34.6	51.8
54	53.7	45.3	67.9

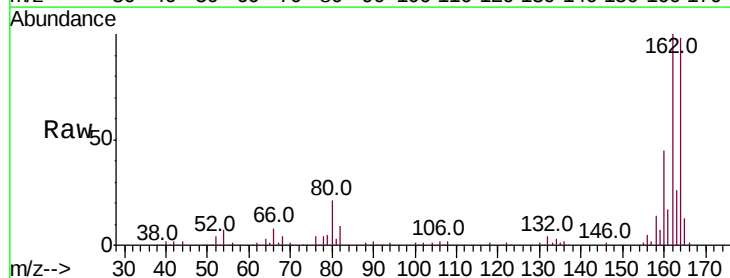


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

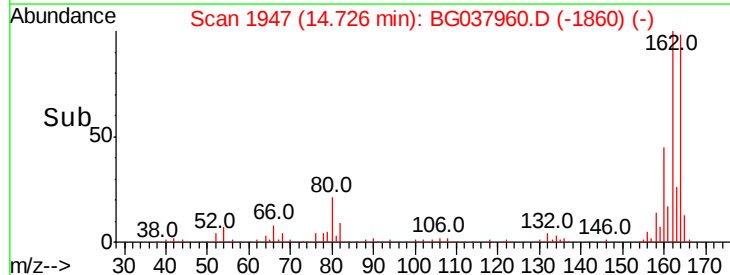
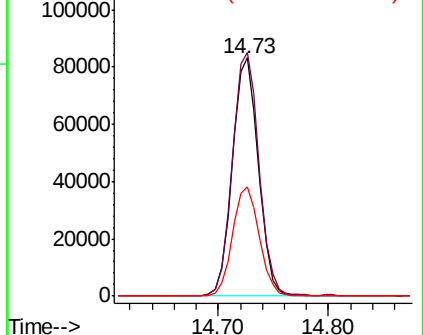


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.02 min
Lab File: BG037960.D
Acq: 13 Nov 2018 1:21

Tgt Ion	164	Resp	137841
Ion Ratio	Lower	Upper	
164	100		
162	102.2	81.3	121.9
160	46.1	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: 102.348 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.02 min

Lab File: BG037960.D

Acq: 13 Nov 2018 1:21

Instrument :

BNA_G

ClientSampleId :

PB114721TB

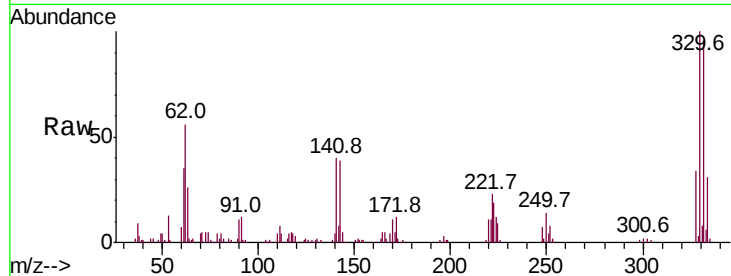
Tot Ion:330 Resp: 153871

Ion Ratio Lower Upper

330 100

332 93.5 78.4 117.6

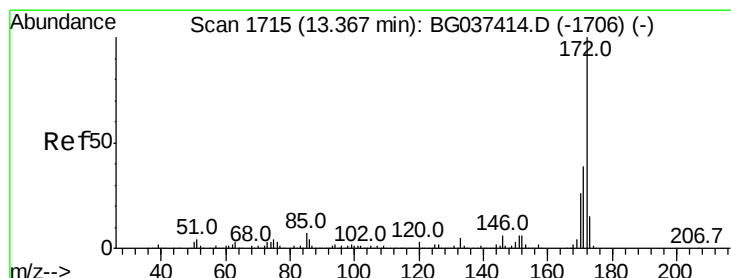
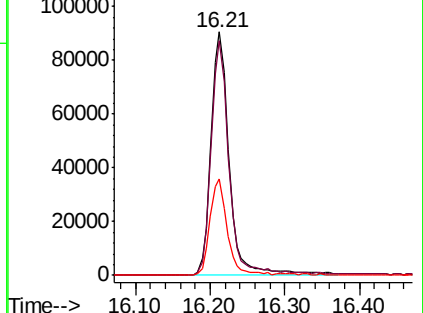
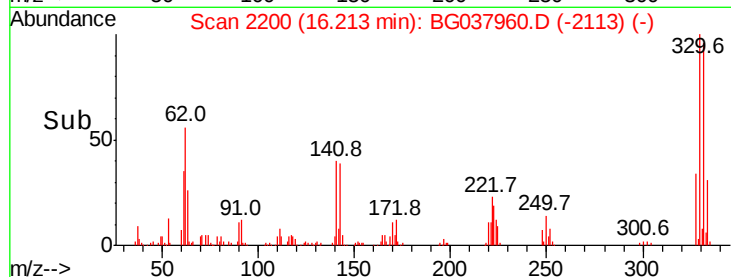
141 37.5 32.2 48.2



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: 83.871 ng

RT: 13.35 min Scan# 1712

Delta R.T. -0.02 min

Lab File: BG037960.D

Acq: 13 Nov 2018 1:21

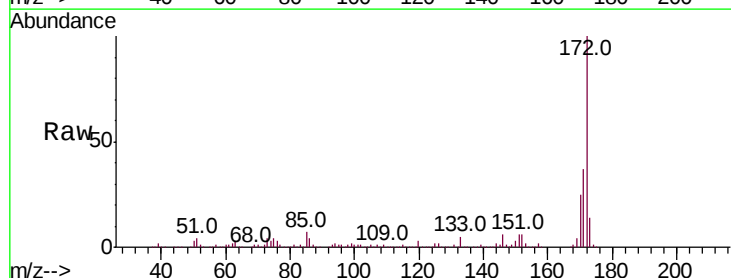
Tgt Ion:172 Resp: 766667

Ion Ratio Lower Upper

172 100

171 37.4 31.0 46.4

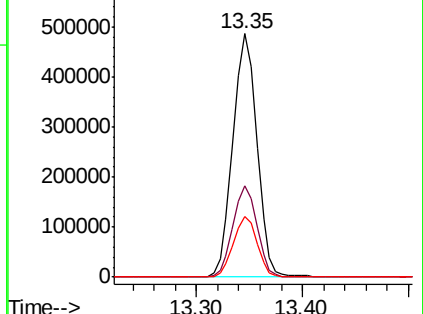
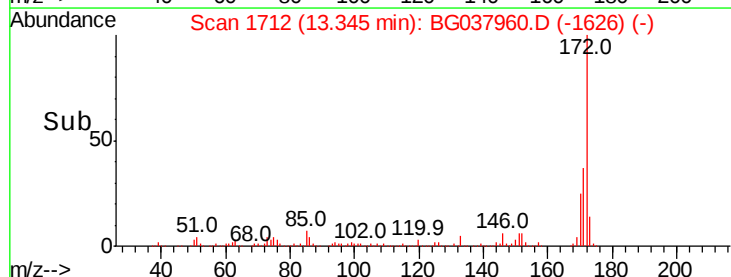
170 24.9 20.2 30.2



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. -0.02 min

Lab File: BG037960.D

Acq: 13 Nov 2018 1:21

Instrument :

BNA_G

ClientSampleId :

PB114721TB

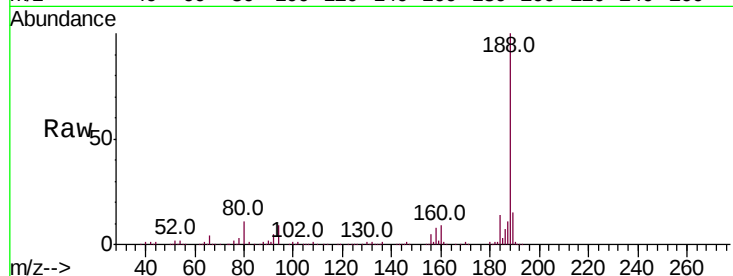
Tot Ion:188 Resp: 303224

Ion Ratio Lower Upper

188 100

94 8.6 7.2 10.8

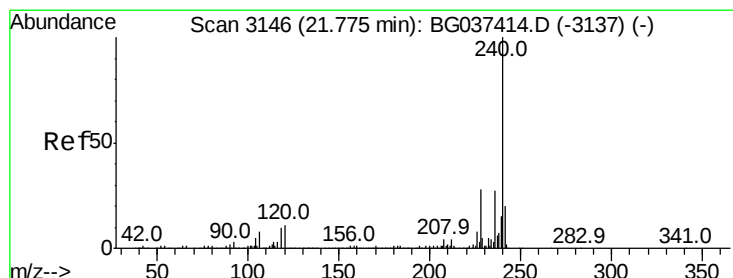
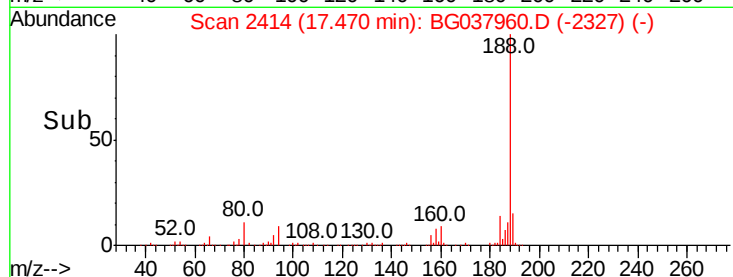
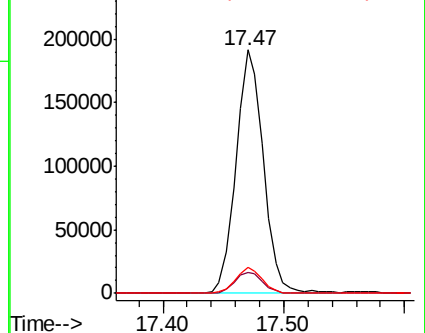
80 10.8 7.7 11.5



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.02 min

Lab File: BG037960.D

Acq: 13 Nov 2018 1:21

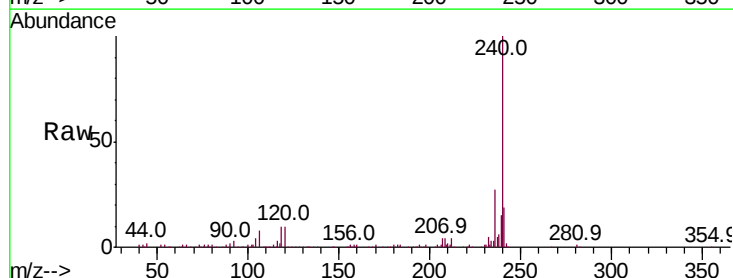
Tgt Ion:240 Resp: 256527

Ion Ratio Lower Upper

240 100

120 10.5 8.1 12.1

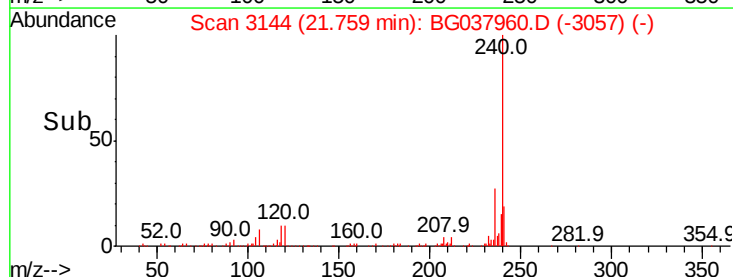
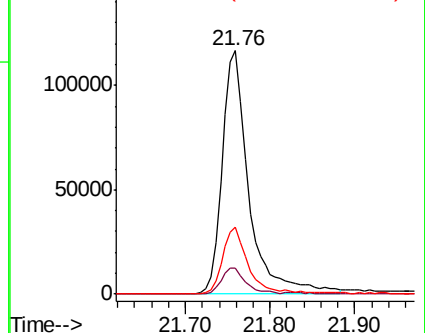
236 27.5 21.4 32.0



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: 89.110 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BG037960.D

Acq: 13 Nov 2018 1:21

Instrument :

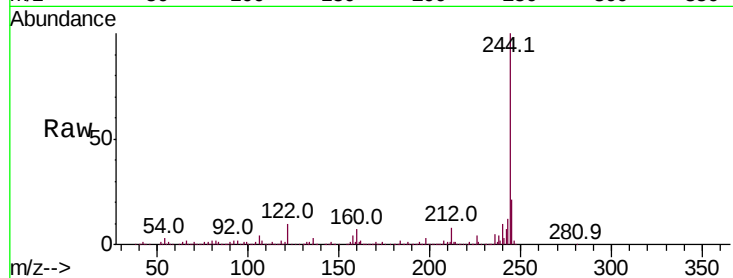
BNA_G

ClientSampleId :

PB114721TB

Tot Ion:244 Resp: 1069805

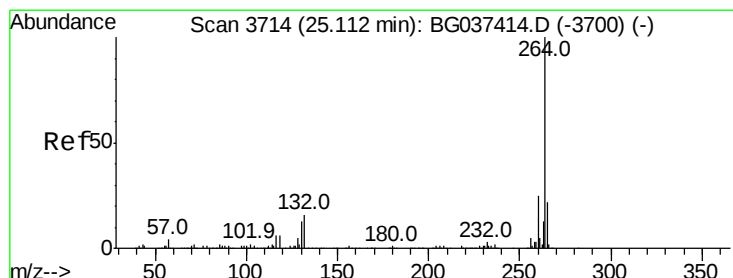
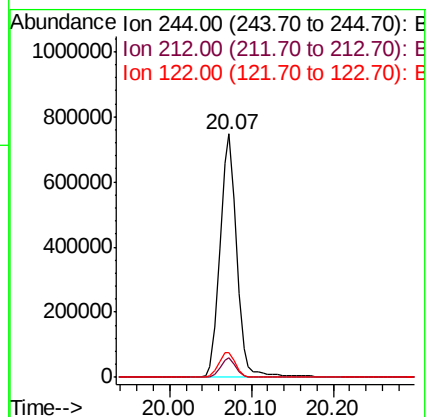
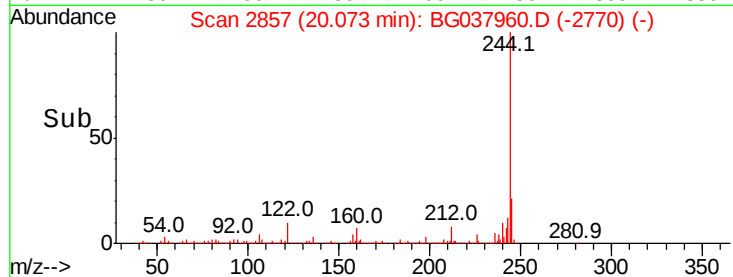
Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.5	9.7
122	9.9	9.0	13.4



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# 3710

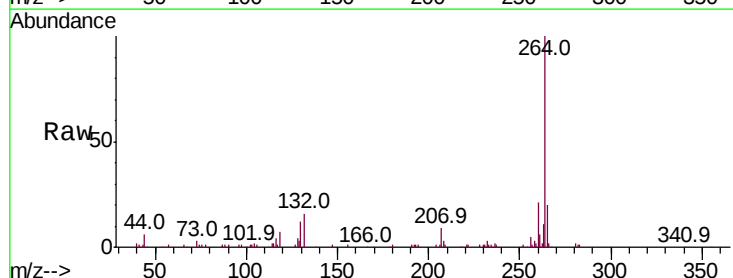
Delta R.T. -0.03 min

Lab File: BG037960.D

Acq: 13 Nov 2018 1:21

Tgt Ion:264 Resp: 186850

Ion	Ratio	Lower	Upper
264	100		
260	21.4	18.2	27.4
265	20.1	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

