

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG022818\
 Data File : BG032914.D
 Acq On : 1 Mar 2018 9:04
 Operator : SJ/JU
 Sample : J1699-40
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B11

Quant Time: Mar 01 11:03:19 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 17:50:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	72648	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	307172	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	173666	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	378913	20.00	ng	0.00
75) Chrysene-d12	22.62	240	347423	20.00	ng	-0.02
86) Perylene-d12	26.43	264	328442	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	614374	135.30	ng	0.00
7) Phenol-d6	8.01	99	730351	115.39	ng	0.00
23) Nitrobenzene-d5	10.12	82	529877	115.66	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	252107	138.06	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	1129692	93.82	ng	0.00
78) Terphenyl-d14	20.78	244	1577288	102.00	ng	0.00

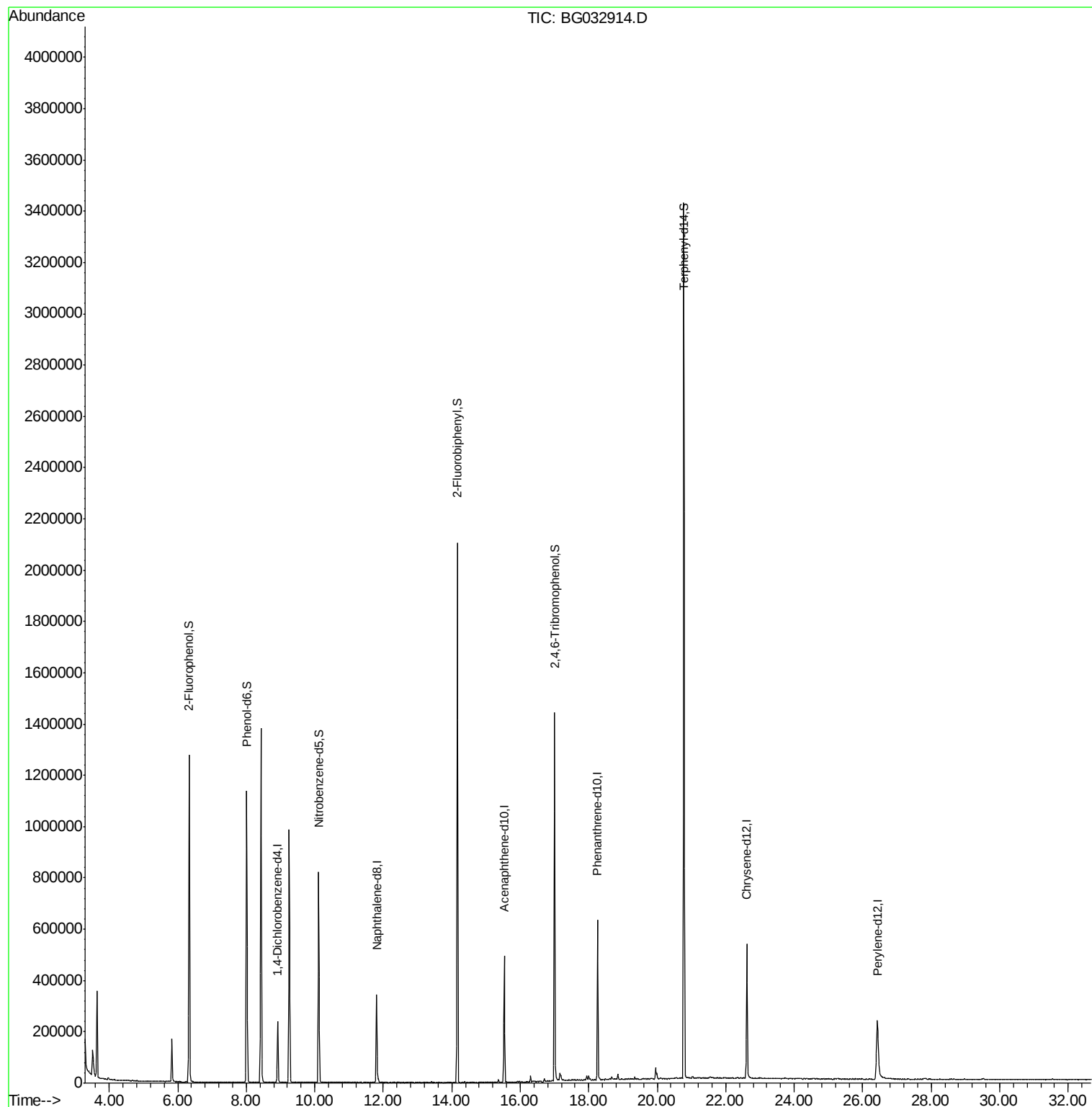
Target Compounds Qvalue

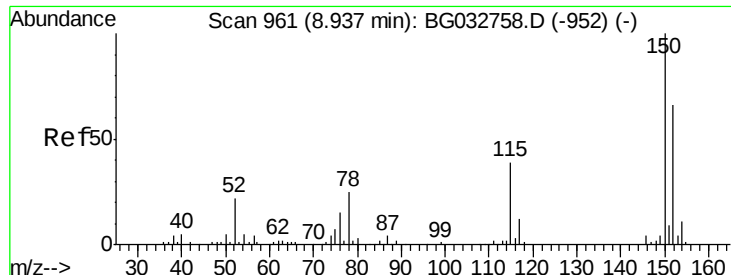
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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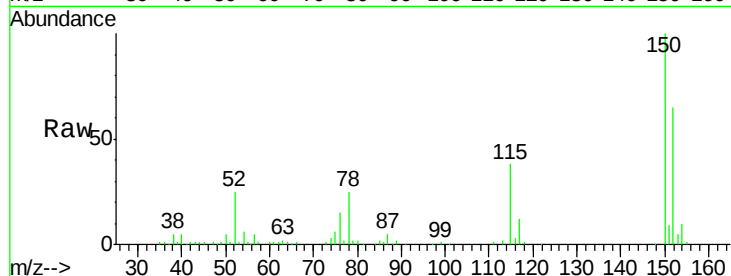


#1

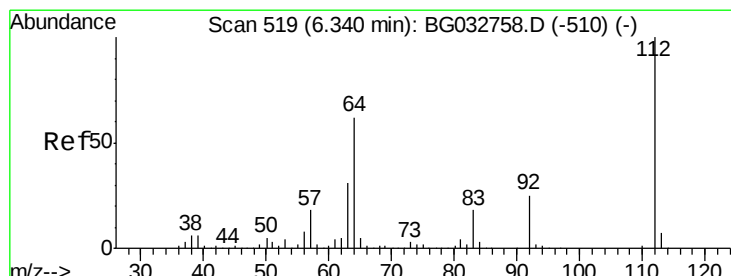
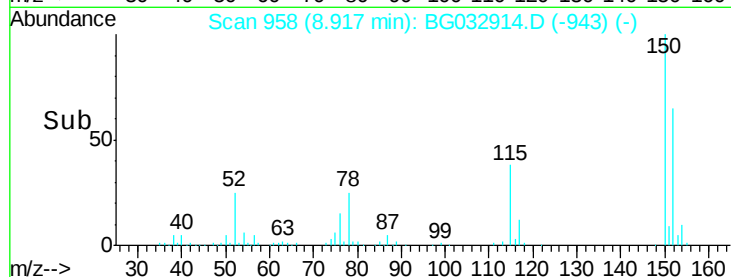
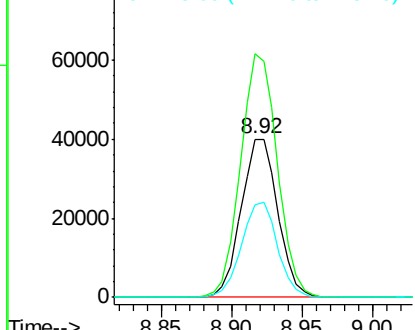
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG032914.D
Acq: 1 Mar 2018 9:04

Instrument :
BNA_G
ClientSampleId :
B11

Tot Ion:152 Resp: 72648
Ion Ratio Lower Upper
152 100
150 153.8 126.6 189.8
115 58.2 53.0 79.4



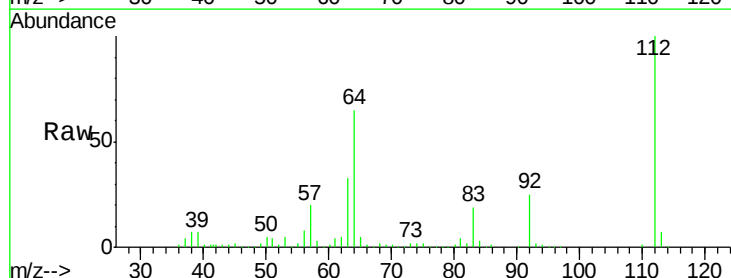
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



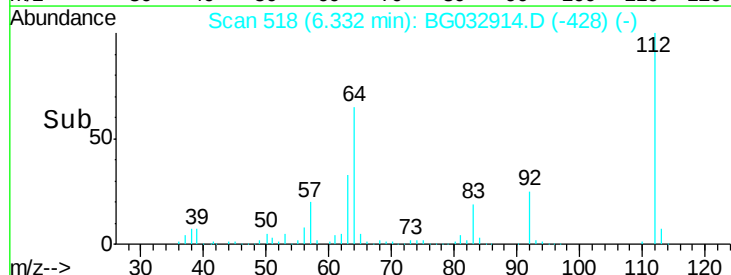
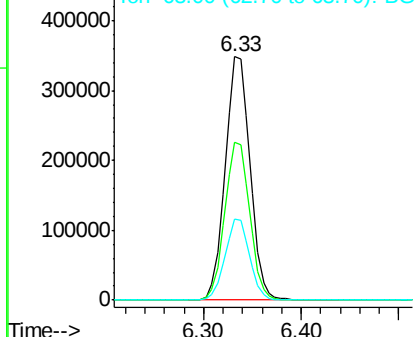
#5

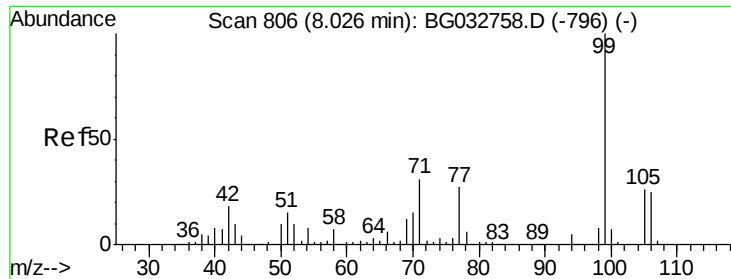
2-Fluorophenol
Concen: 135.297 ng
RT: 6.33 min Scan# 518
Delta R.T. -0.00 min
Lab File: BG032914.D
Acq: 1 Mar 2018 9:04

Tgt Ion:112 Resp: 614374
Ion Ratio Lower Upper
112 100
64 65.0 56.3 84.5
63 33.2 30.1 45.1



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: 115.390 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG032914.D

Acq: 1 Mar 2018 9:04

Instrument :

BNA_G

ClientSampled :

B11

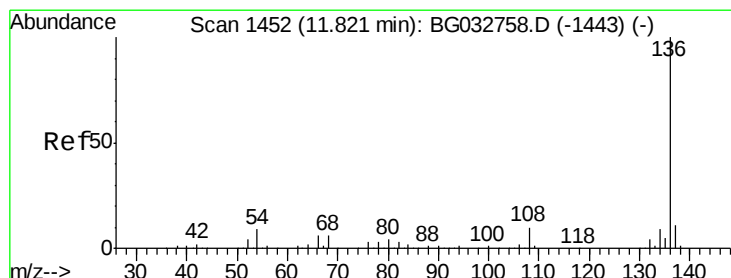
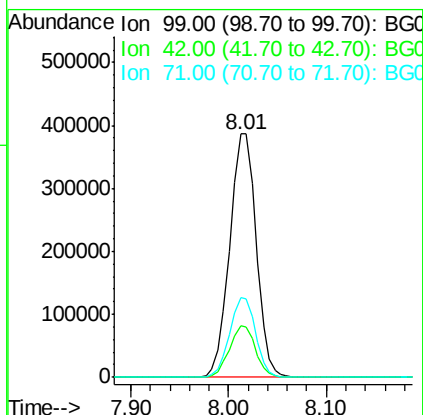
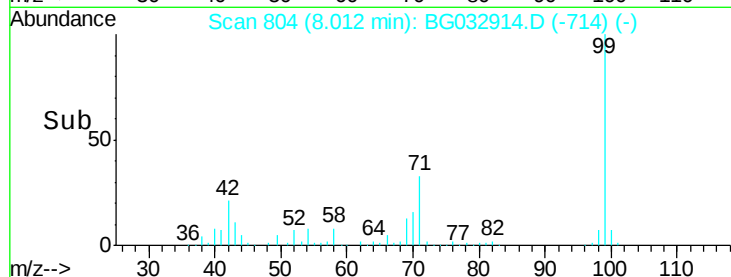
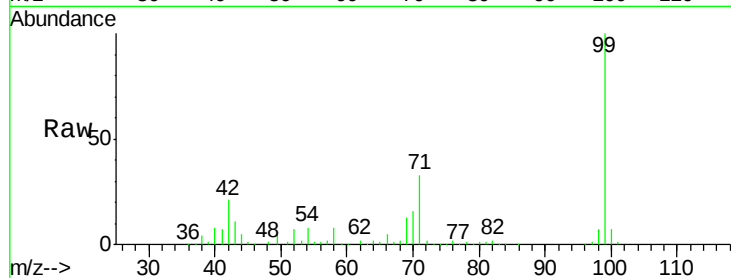
Tot Ion: 99 Resp: 730351

Ion Ratio Lower Upper

99 100

42 21.3 14.1 21.1#

71 32.6 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.81 min Scan# 1450

Delta R.T. -0.00 min

Lab File: BG032914.D

Acq: 1 Mar 2018 9:04

Tgt Ion: 136 Resp: 307172

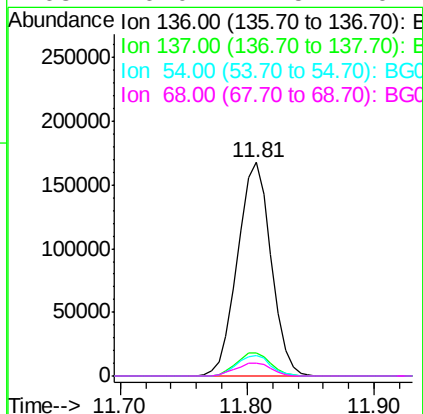
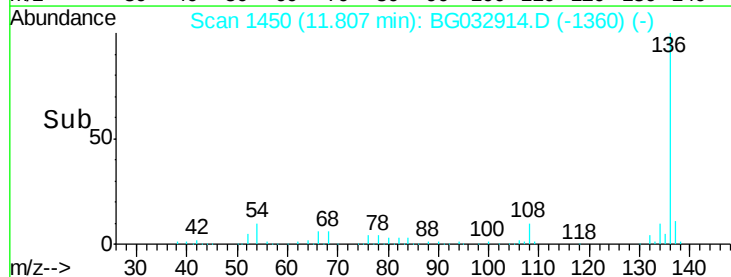
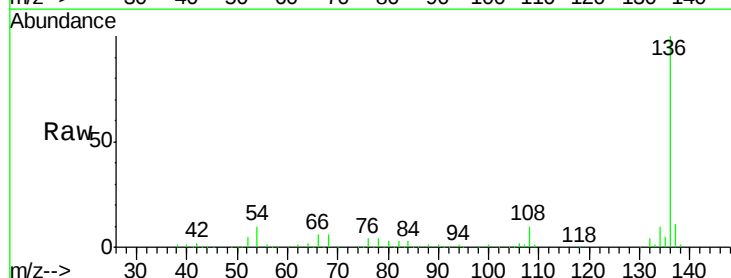
Ion Ratio Lower Upper

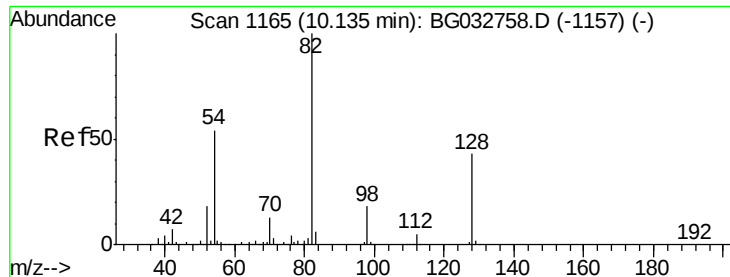
136 100

137 10.9 9.2 13.8

54 9.5 10.3 15.5#

68 6.0 4.5 6.7





#23

Nitrobenzene-d5

Concen: 115.660 ng

RT: 10.12 min Scan# 1163

Delta R.T. -0.00 min

Lab File: BG032914.D

Acq: 1 Mar 2018 9:04

Instrument :

BNA_G

ClientSampled :

B11

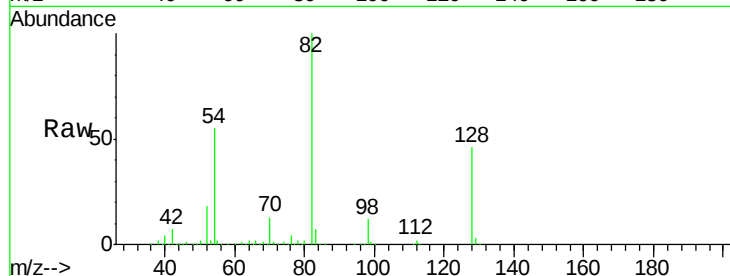
Tot Ion: 82 Resp: 529877

Ion Ratio Lower Upper

82 100

128 45.8 29.7 44.5#

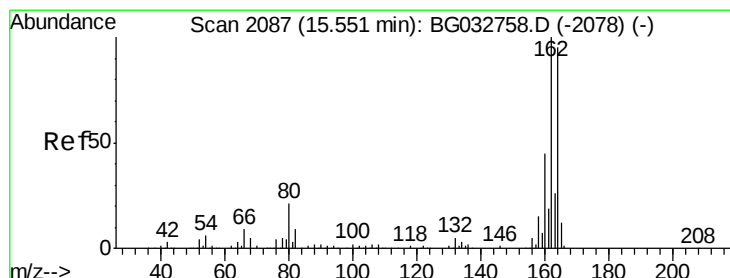
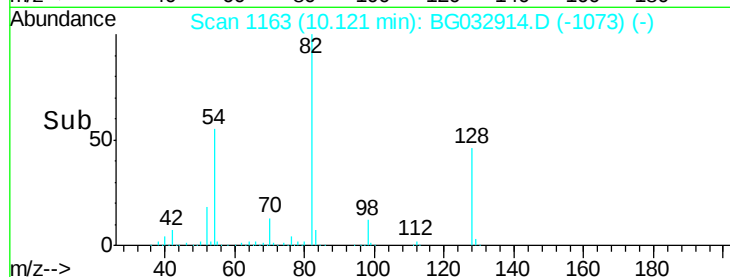
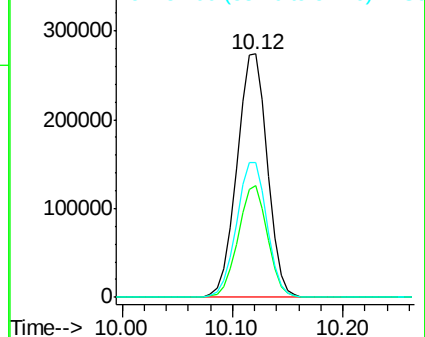
54 55.3 43.1 64.7



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.53 min Scan# 2084

Delta R.T. -0.01 min

Lab File: BG032914.D

Acq: 1 Mar 2018 9:04

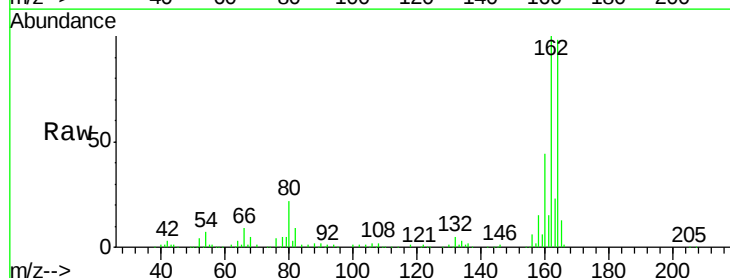
Tgt Ion:164 Resp: 173666

Ion Ratio Lower Upper

164 100

162 101.7 78.8 118.2

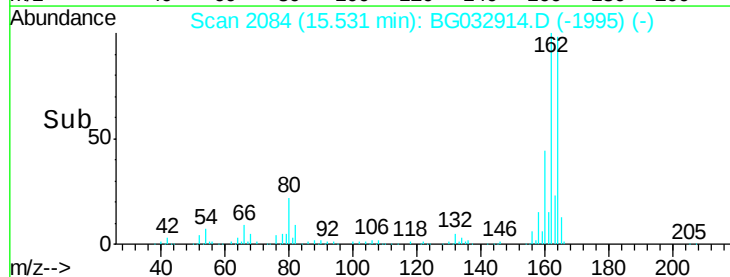
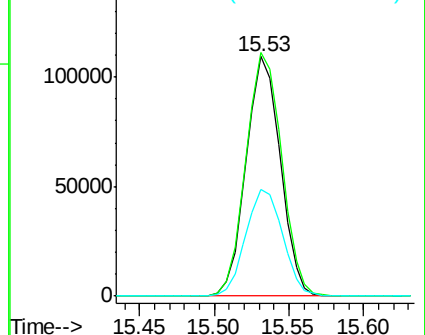
160 44.4 35.4 53.0

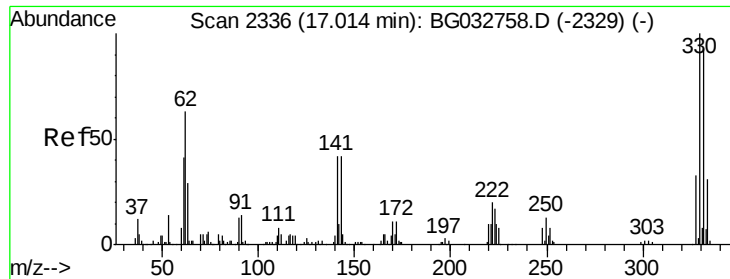


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

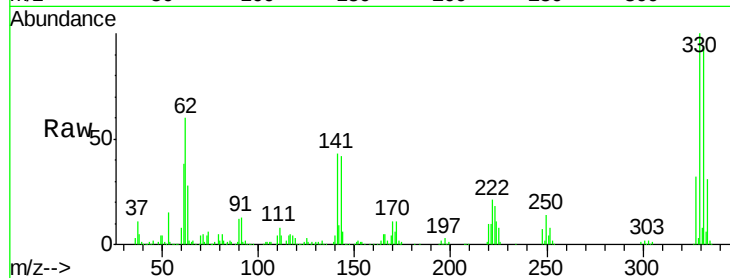




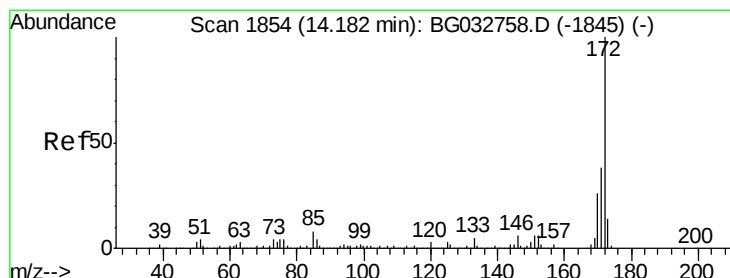
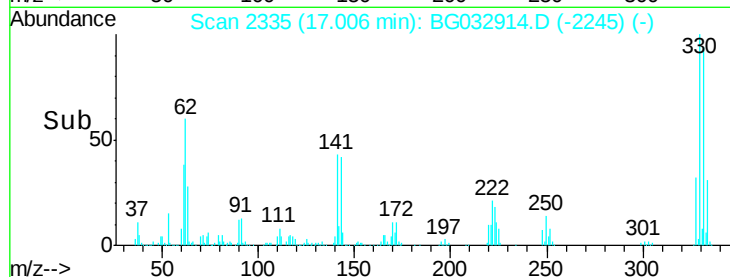
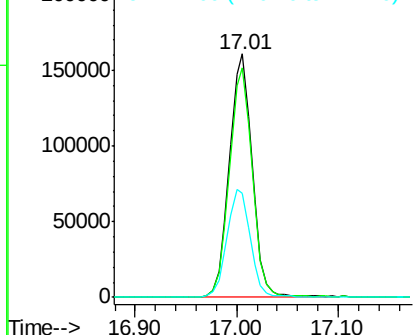
#41
 2,4,6-Tribromophenol
 Concen: 138.062 ng
 RT: 17.01 min Scan# 2335
 Delta R.T. -0.00 min
 Lab File: BG032914.D
 Acq: 1 Mar 2018 9:04

Instrument :
 BNA_G
 ClientSampleId :
 B11

Tot Ion:330 Resp: 252107
 Ion Ratio Lower Upper
 330 100
 332 94.2 77.0 115.6
 141 45.5 25.2 37.8#

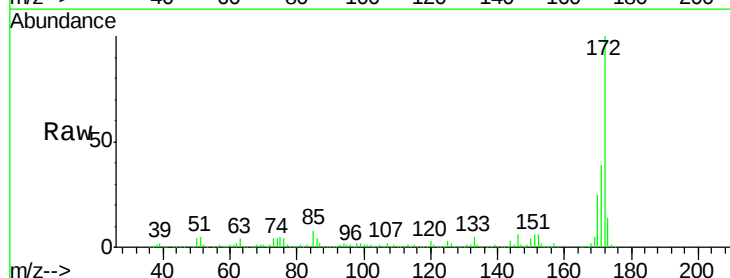


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

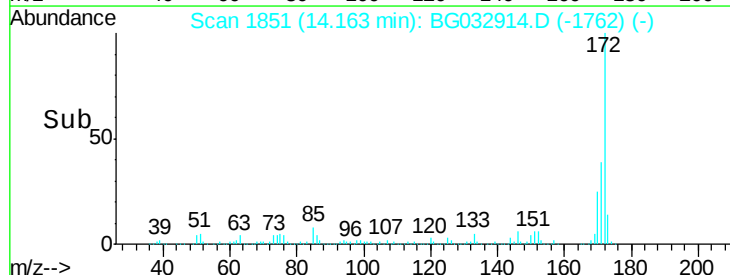
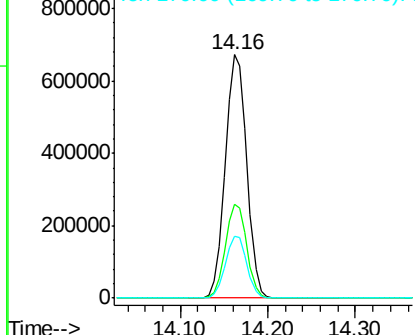


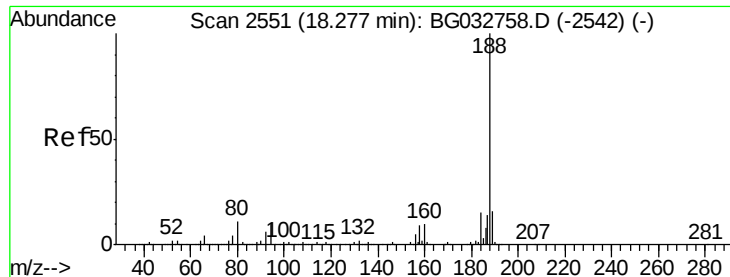
#44
 2-Fluorobiphenyl
 Concen: 93.818 ng
 RT: 14.16 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BG032914.D
 Acq: 1 Mar 2018 9:04

Tgt Ion:172 Resp: 1129692
 Ion Ratio Lower Upper
 172 100
 171 38.7 30.0 45.0
 170 25.3 19.5 29.3



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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.26 min Scan# 2549

Delta R.T. -0.00 min

Lab File: BG032914.D

Acq: 1 Mar 2018 9:04

Instrument :

BNA_G

ClientSampleId :

B11

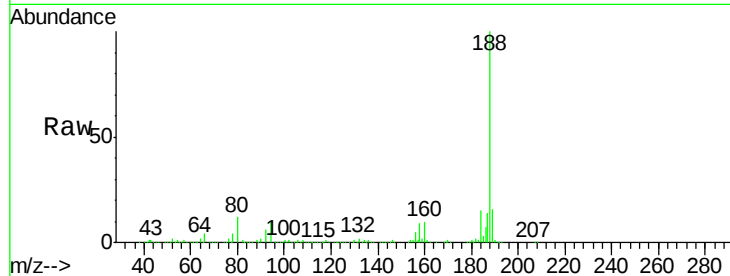
Tot Ion:188 Resp: 378913

Ion Ratio Lower Upper

188 100

94 10.3 6.9 10.3#

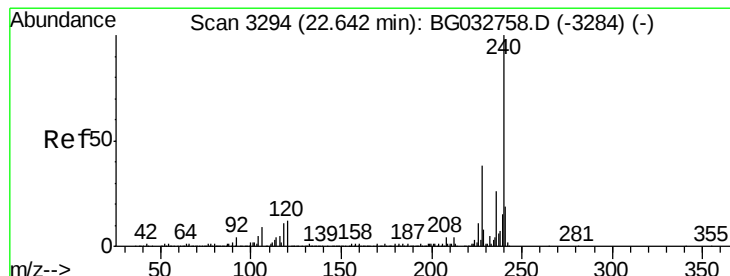
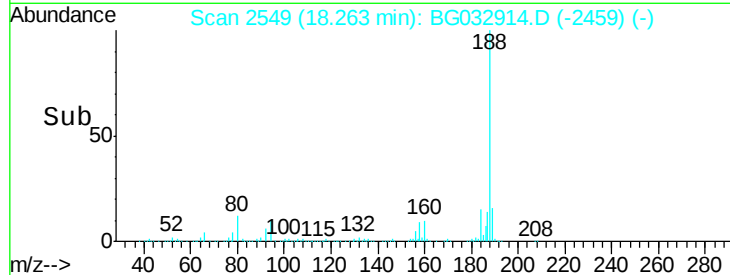
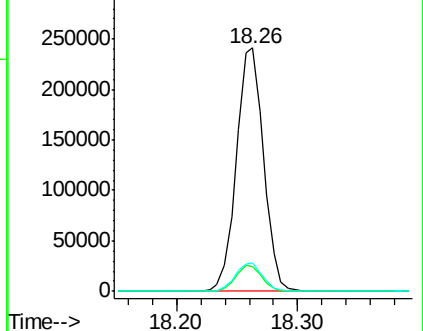
80 11.6 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.62 min Scan# 3290

Delta R.T. -0.02 min

Lab File: BG032914.D

Acq: 1 Mar 2018 9:04

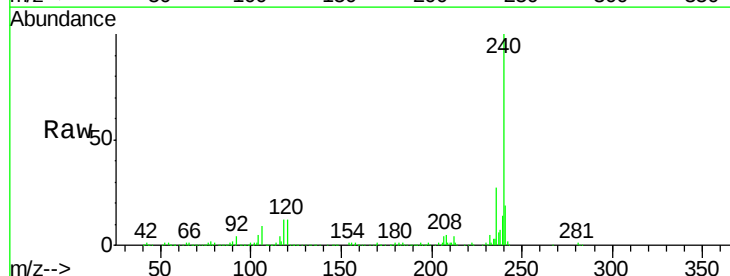
Tgt Ion:240 Resp: 347423

Ion Ratio Lower Upper

240 100

120 12.3 6.8 10.2#

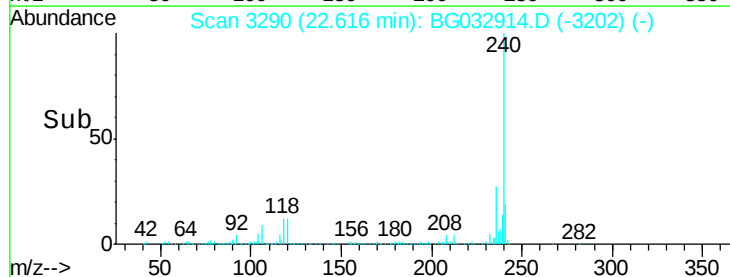
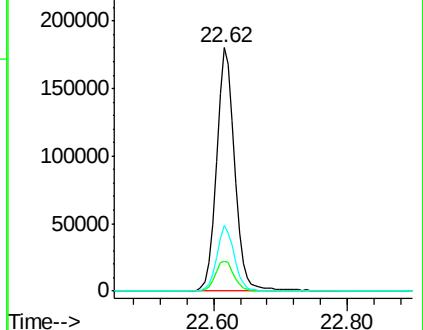
236 27.1 20.9 31.3

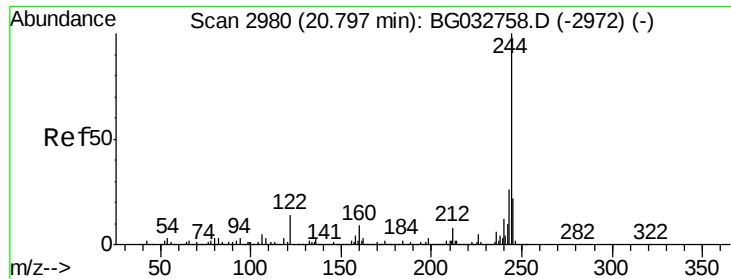


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 102.001 ng

RT: 20.78 min Scan# 2978

Delta R.T. -0.00 min

Lab File: BG032914.D

Acq: 1 Mar 2018 9:04

Instrument :

BNA_G

ClientSampled :

B11

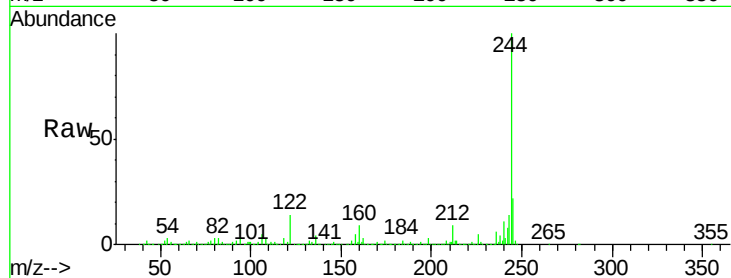
Tot Ion:244 Resp: 1577288

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

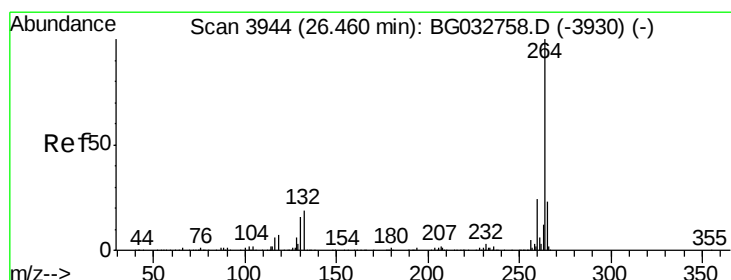
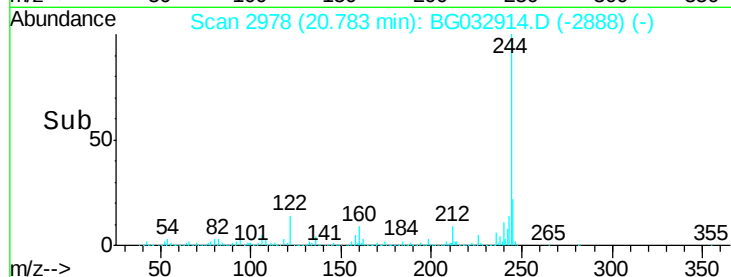
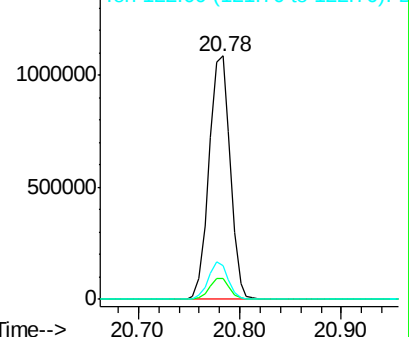
122 13.9 7.0 10.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.43 min Scan# 3939

Delta R.T. -0.01 min

Lab File: BG032914.D

Acq: 1 Mar 2018 9:04

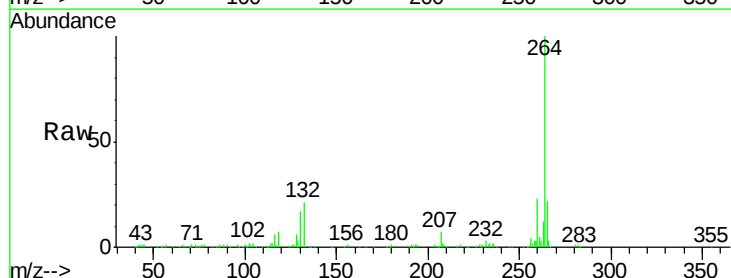
Tgt Ion:264 Resp: 328442

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

265 22.3 17.7 26.5



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

