

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG022118\
 Data File : BG032770.D
 Acq On : 21 Feb 2018 21:35
 Operator : SJ/JU
 Sample : PB106713TB
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106713TB

Quant Time: Feb 22 06:58:43 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 21 15:45:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.93	152	75879	20.00	ng	0.00
21) Naphthalene-d8	11.82	136	335273	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	187179	20.00	ng	0.00
63) Phenanthrene-d10	18.27	188	403032	20.00	ng	0.00
75) Chrysene-d12	22.63	240	375886	20.00	ng	-0.01
86) Perylene-d12	26.44	264	404417	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	648910	136.82	ng	0.00
7) Phenol-d6	8.02	99	850971	128.72	ng	0.00
23) Nitrobenzene-d5	10.13	82	455313	93.16	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	266421	135.37	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1083119	83.46	ng	0.00
78) Terphenyl-d14	20.79	244	1454232	86.92	ng	0.00

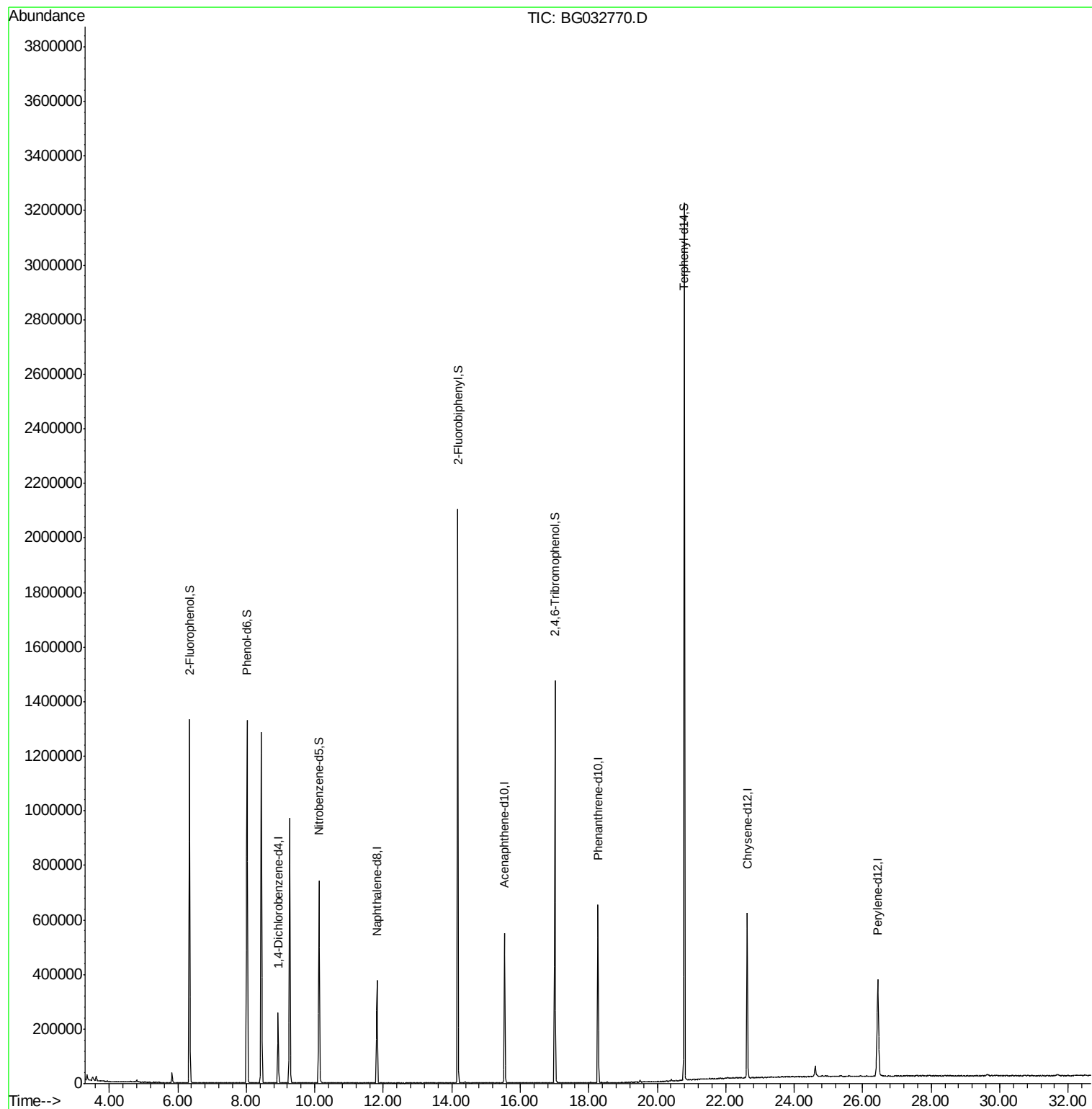
Target Compounds Qvalue

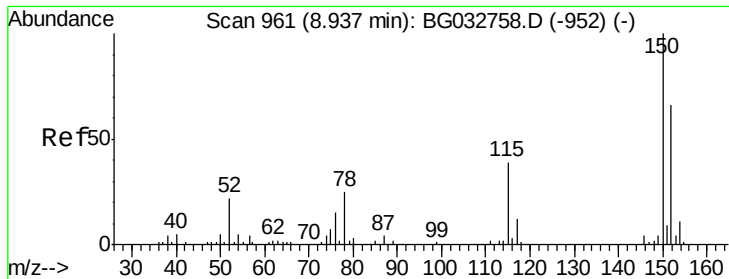
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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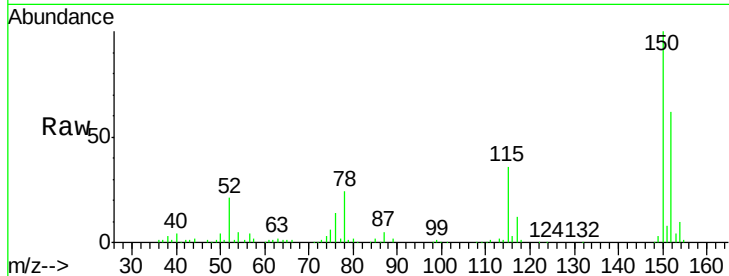


#1

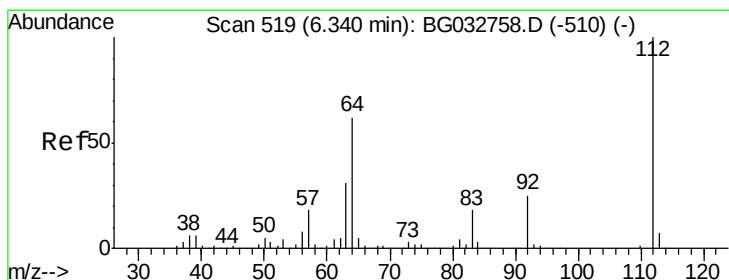
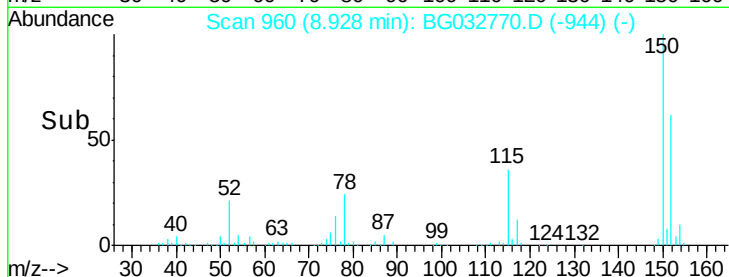
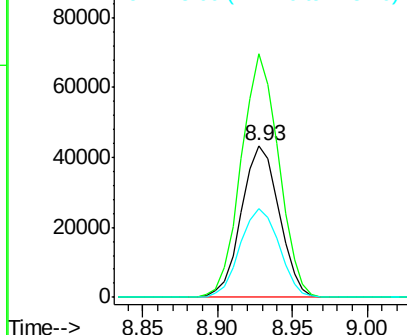
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG032770.D
Acq: 21 Feb 2018 21:35

Instrument :
BNA_G
ClientSampleId :
PB106713TB

Tot Ion:152 Resp: 75879
Ion Ratio Lower Upper
152 100
150 160.4 126.6 189.8
115 58.5 53.0 79.4



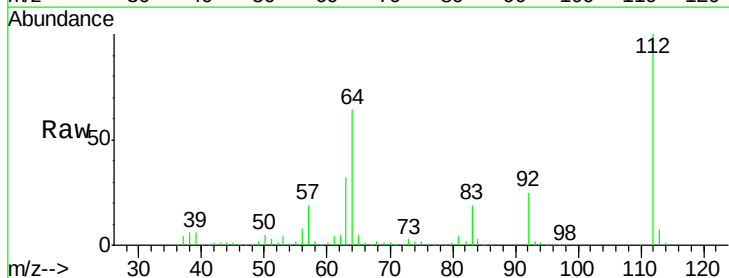
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



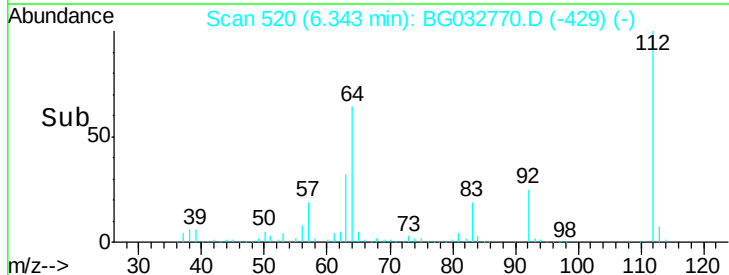
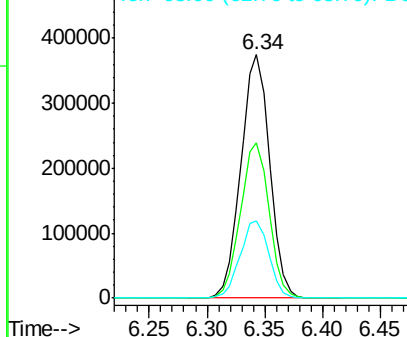
#5

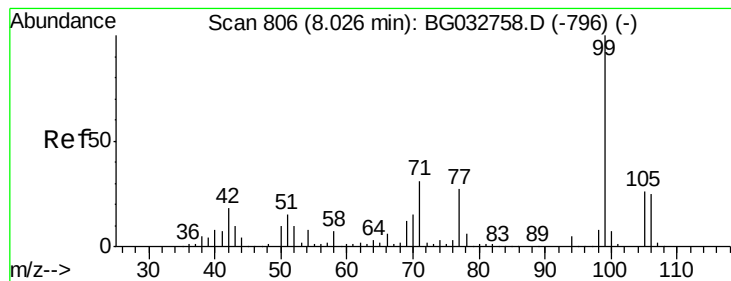
2-Fluorophenol
Concen: 136.818 ng
RT: 6.34 min Scan# 520
Delta R.T. 0.00 min
Lab File: BG032770.D
Acq: 21 Feb 2018 21:35

Tgt Ion:112 Resp: 648910
Ion Ratio Lower Upper
112 100
64 64.0 56.3 84.5
63 31.7 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: 128.722 ng

RT: 8.02 min Scan# 806

Delta R.T. -0.00 min

Lab File: BG032770.D

Acq: 21 Feb 2018 21:35

Instrument :

BNA_G

ClientSampleId :

PB106713TB

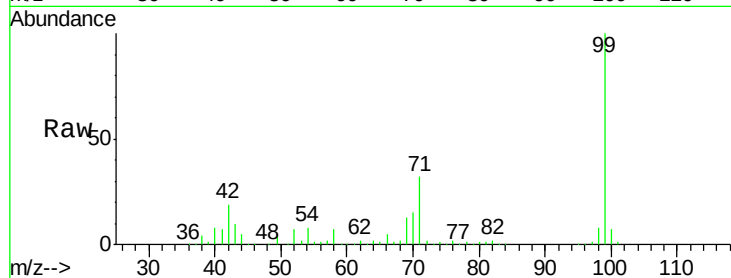
Tot Ion: 99 Resp: 850971

Ion Ratio Lower Upper

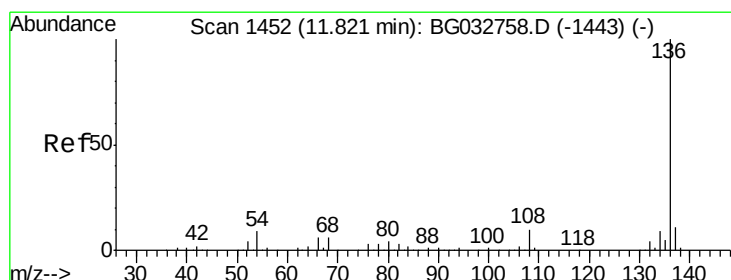
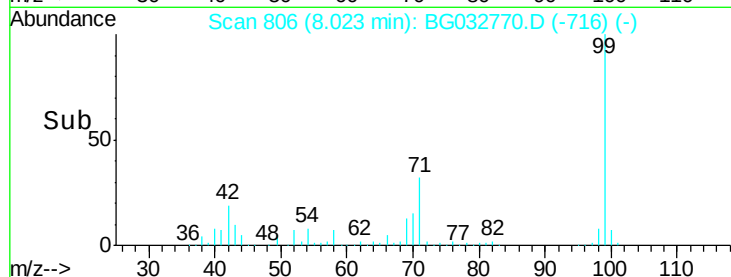
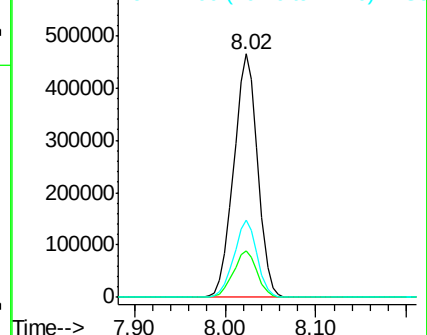
99 100

42 19.2 14.1 21.1

71 31.8 26.1 39.1



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: 11.82 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BG032770.D

Acq: 21 Feb 2018 21:35

Tgt Ion: 136 Resp: 335273

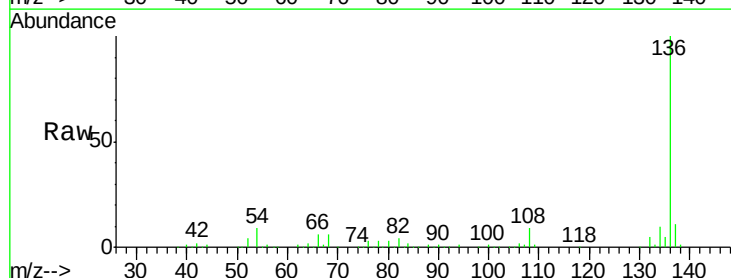
Ion Ratio Lower Upper

136 100

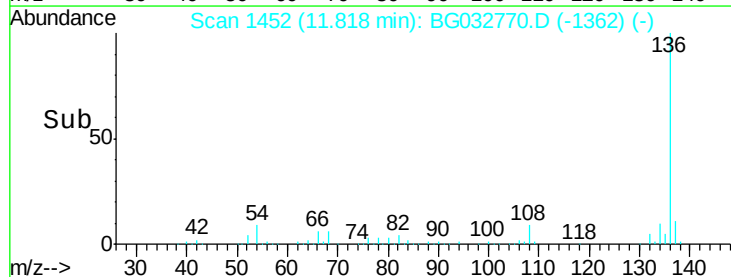
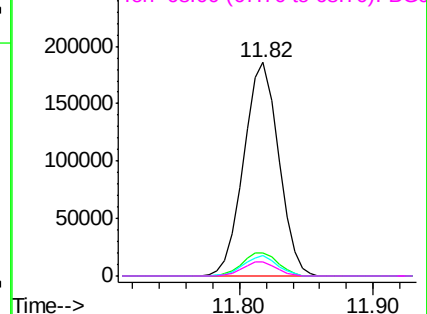
137 10.6 9.2 13.8

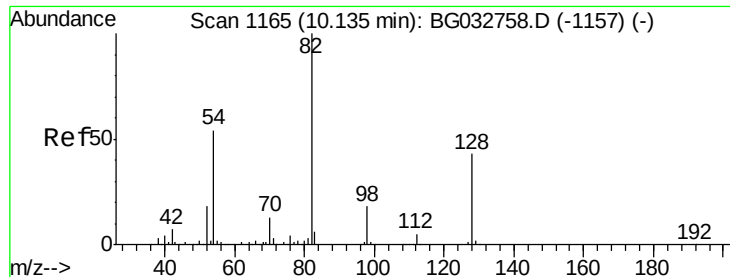
54 9.4 10.3 15.5#

68 6.4 4.5 6.7



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

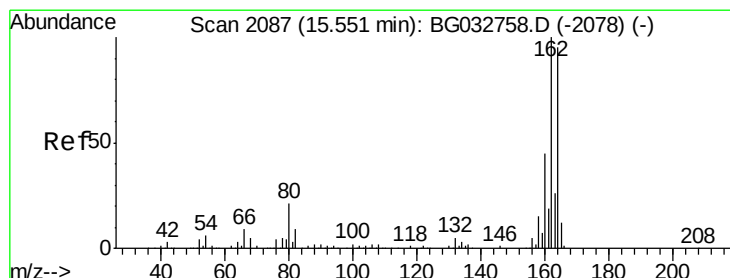
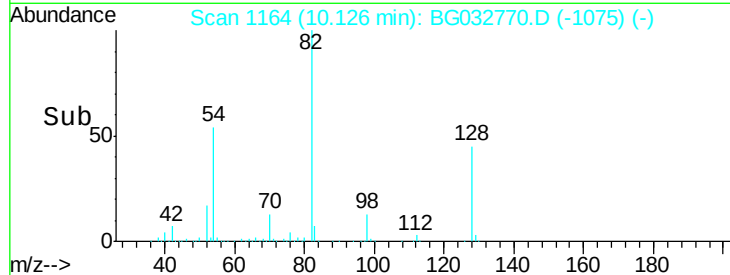
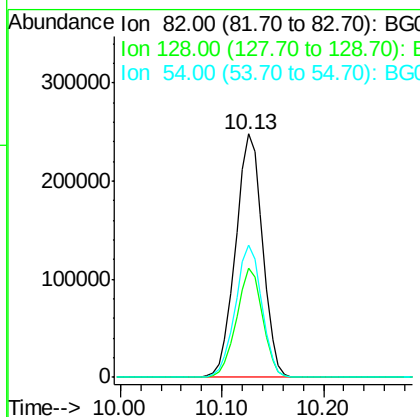
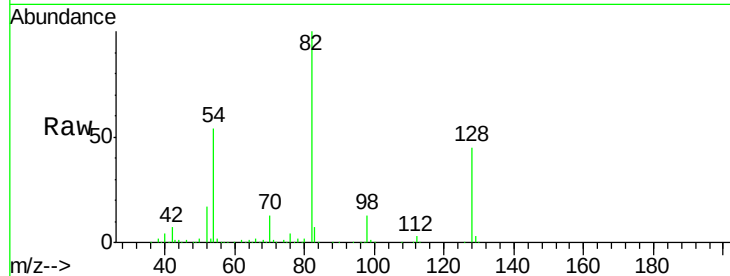




#23
 Nitrobenzene-d5
 Concen: 93.163 ng
 RT: 10.13 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BG032770.D
 Acq: 21 Feb 2018 21:35

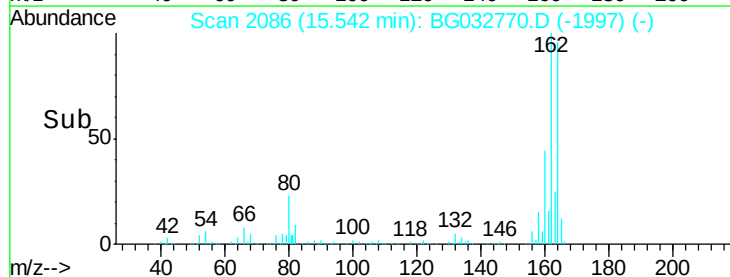
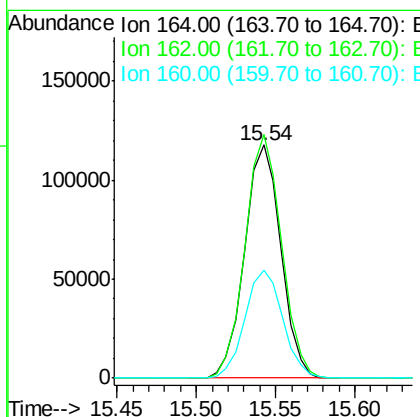
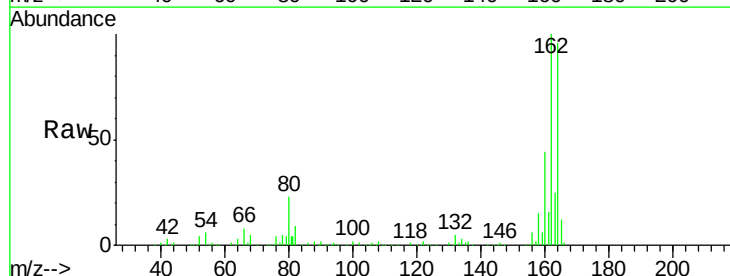
Instrument :
 BNA_G
 ClientSampleId :
 PB106713TB

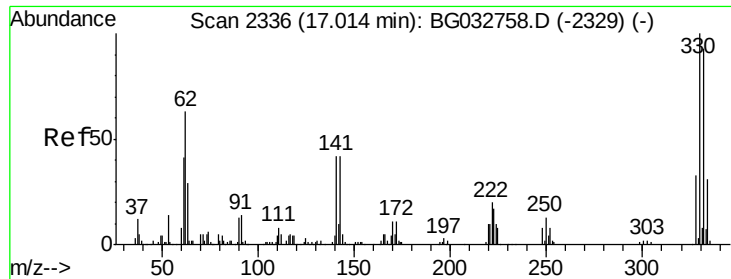
Tot Ion	82	Resp	455313
Ion Ratio	100	Lower	Upper
128	44.6	29.7	44.5#
54	54.5	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2086
 Delta R.T. -0.01 min
 Lab File: BG032770.D
 Acq: 21 Feb 2018 21:35

Tgt Ion	164	Resp	187179
Ion Ratio	100	Lower	Upper
162	104.4	78.8	118.2
160	46.4	35.4	53.0

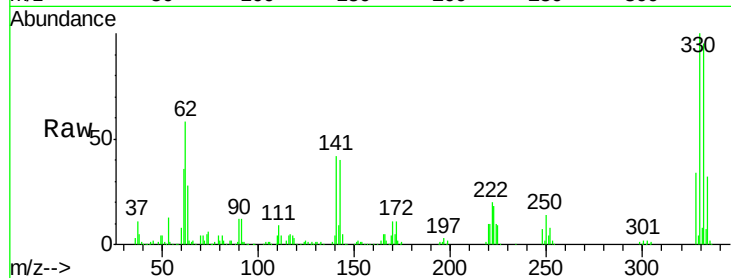




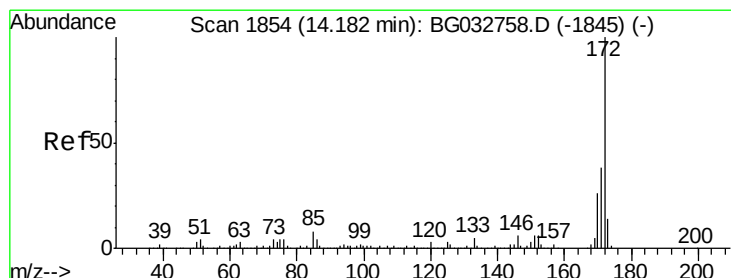
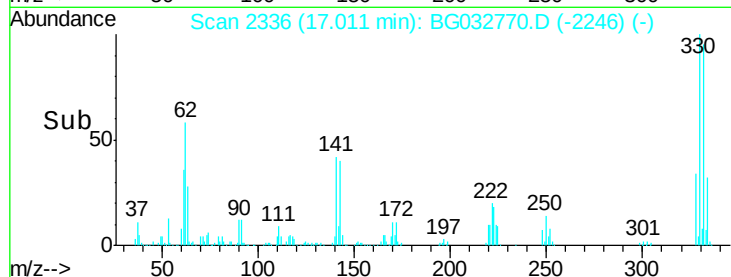
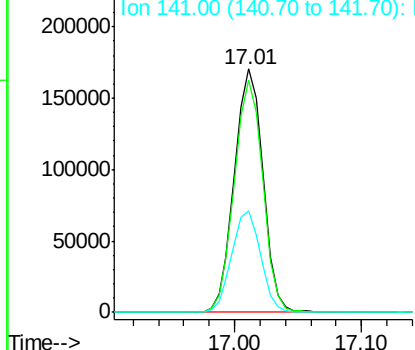
#41
 2,4,6-Tribromophenol
 Concen: 135.368 ng
 RT: 17.01 min Scan# 2336
 Delta R.T. -0.00 min
 Lab File: BG032770.D
 Acq: 21 Feb 2018 21:35

Instrument :
 BNA_G
 ClientSampleId :
 PB106713TB

Tot Ion:330 Resp: 266421
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 42.2 25.2 37.8#

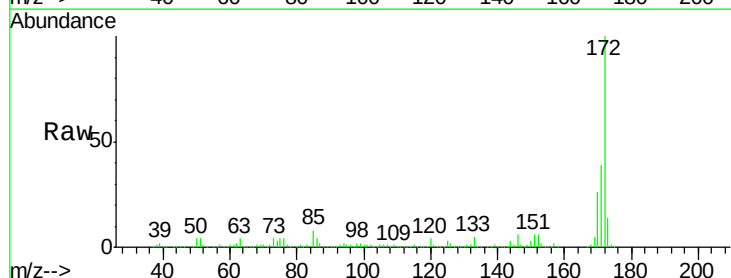


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

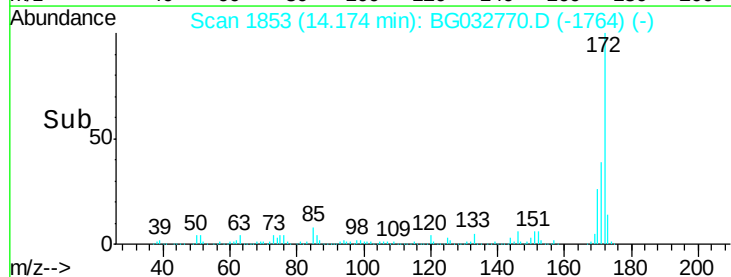
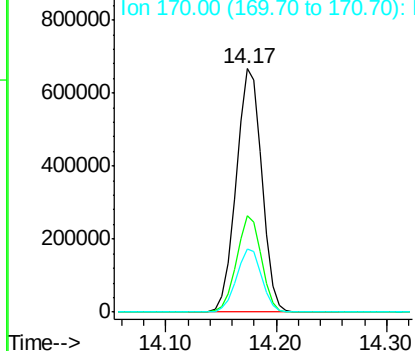


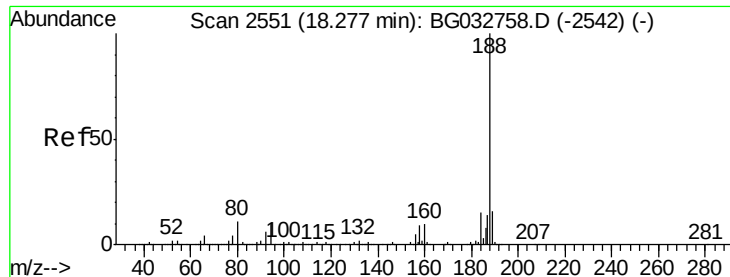
#44
 2-Fluorobiphenyl
 Concen: 83.457 ng
 RT: 14.17 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BG032770.D
 Acq: 21 Feb 2018 21:35

Tgt Ion:172 Resp: 1083119
 Ion Ratio Lower Upper
 172 100
 171 39.5 30.0 45.0
 170 26.0 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: 18.27 min Scan# 2550

Delta R.T. -0.01 min

Lab File: BG032770.D

Acq: 21 Feb 2018 21:35

Instrument :

BNA_G

ClientSampleId :

PB106713TB

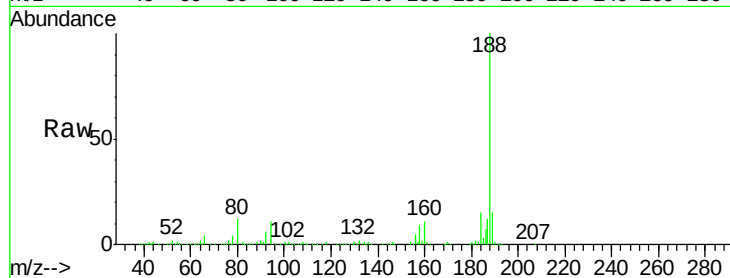
Tot Ion:188 Resp: 403032

Ion Ratio Lower Upper

188 100

94 10.6 6.9 10.3#

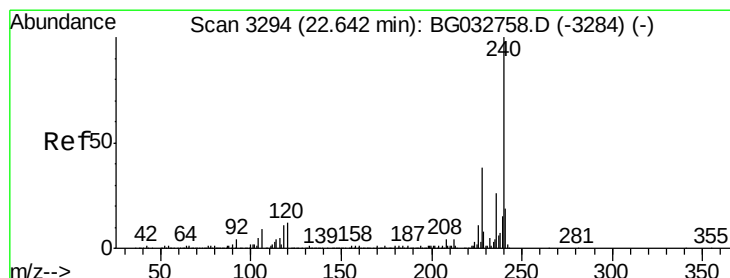
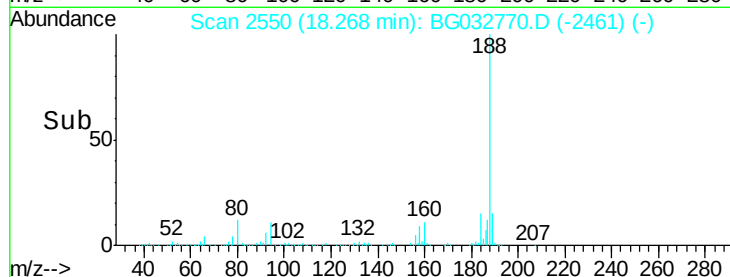
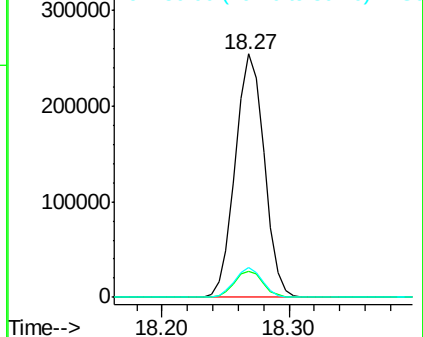
80 12.2 7.7 11.5#



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: 22.63 min Scan# 3292

Delta R.T. -0.01 min

Lab File: BG032770.D

Acq: 21 Feb 2018 21:35

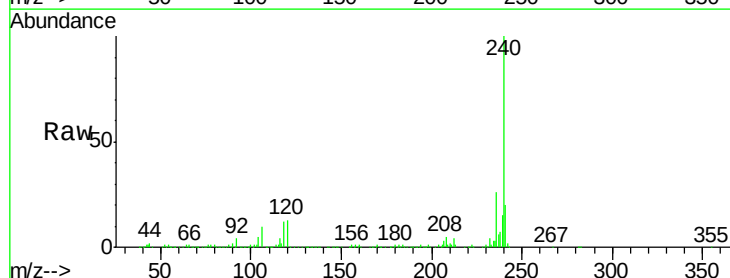
Tgt Ion:240 Resp: 375886

Ion Ratio Lower Upper

240 100

120 13.2 6.8 10.2#

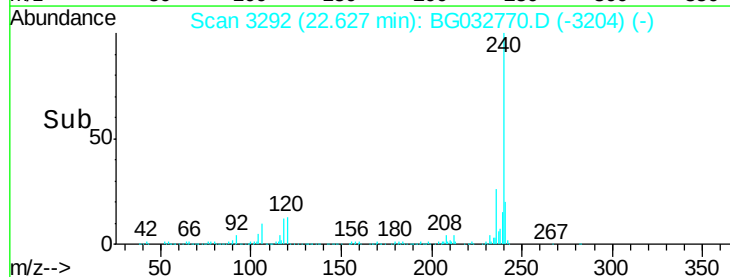
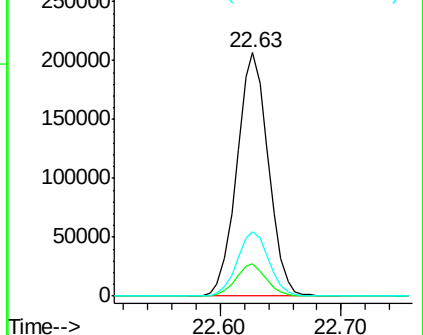
236 26.5 20.9 31.3

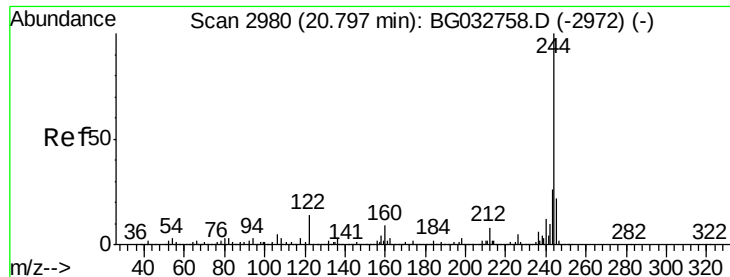


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 86.922 ng

RT: 20.79 min Scan# 2979

Delta R.T. -0.01 min

Lab File: BG032770.D

Acq: 21 Feb 2018 21:35

Instrument :

BNA_G

ClientSampleId :

PB106713TB

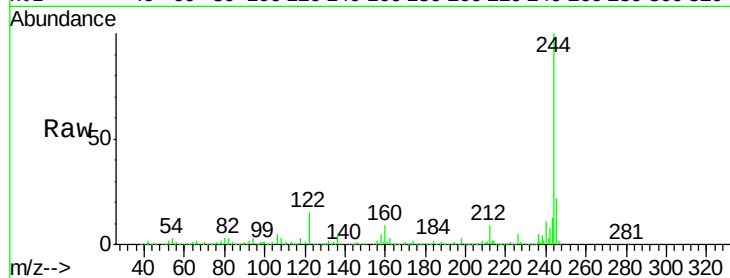
Tot Ion:244 Resp: 1454232

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

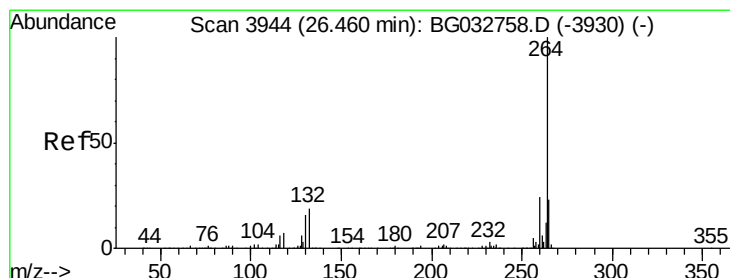
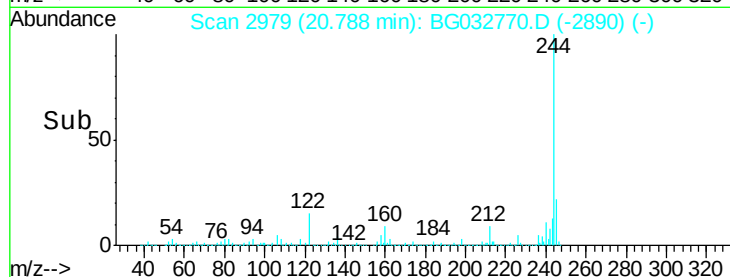
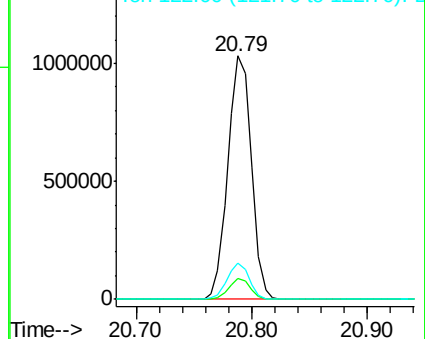
122 14.7 7.0 10.4#



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: 26.44 min Scan# 3941

Delta R.T. -0.02 min

Lab File: BG032770.D

Acq: 21 Feb 2018 21:35

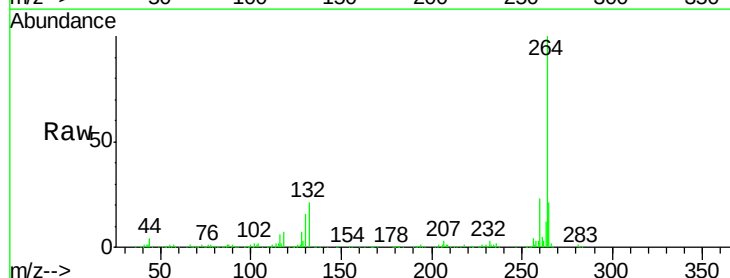
Tgt Ion:264 Resp: 404417

Ion Ratio Lower Upper

264 100

260 23.0 17.4 26.0

265 21.5 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

