

Data Path : U:\HPCHEM1\BNA G\DATA\BG020218\
 Data File : BG032530.D
 Acq On : 3 Feb 2018 3:11
 Operator : SJ/JU
 Sample : J1436-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B13

Quant Time: Feb 03 05:47:40 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	26302	20.00	ng	-0.01
21) Naphthalene-d8	11.59	136	100602	20.00	ng	-0.01
38) Acenaphthene-d10	15.34	164	73836	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	202385	20.00	ng	0.00
75) Chrysene-d12	22.40	240	267792	20.00	ng	-0.01
86) Perylene-d12	26.09	264	271875	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	162540	124.12	ng	0.00
7) Phenol-d6	7.83	99	186990	107.01	ng	0.00
23) Nitrobenzene-d5	9.91	82	149490	92.81	ng	-0.01
41) 2,4,6-Tribromophenol	16.82	330	164679	117.17	ng	-0.01
44) 2-Fluorobiphenyl	13.97	172	545785	87.86	ng	-0.01
78) Terphenyl-d14	20.62	244	1196516	95.71	ng	0.00

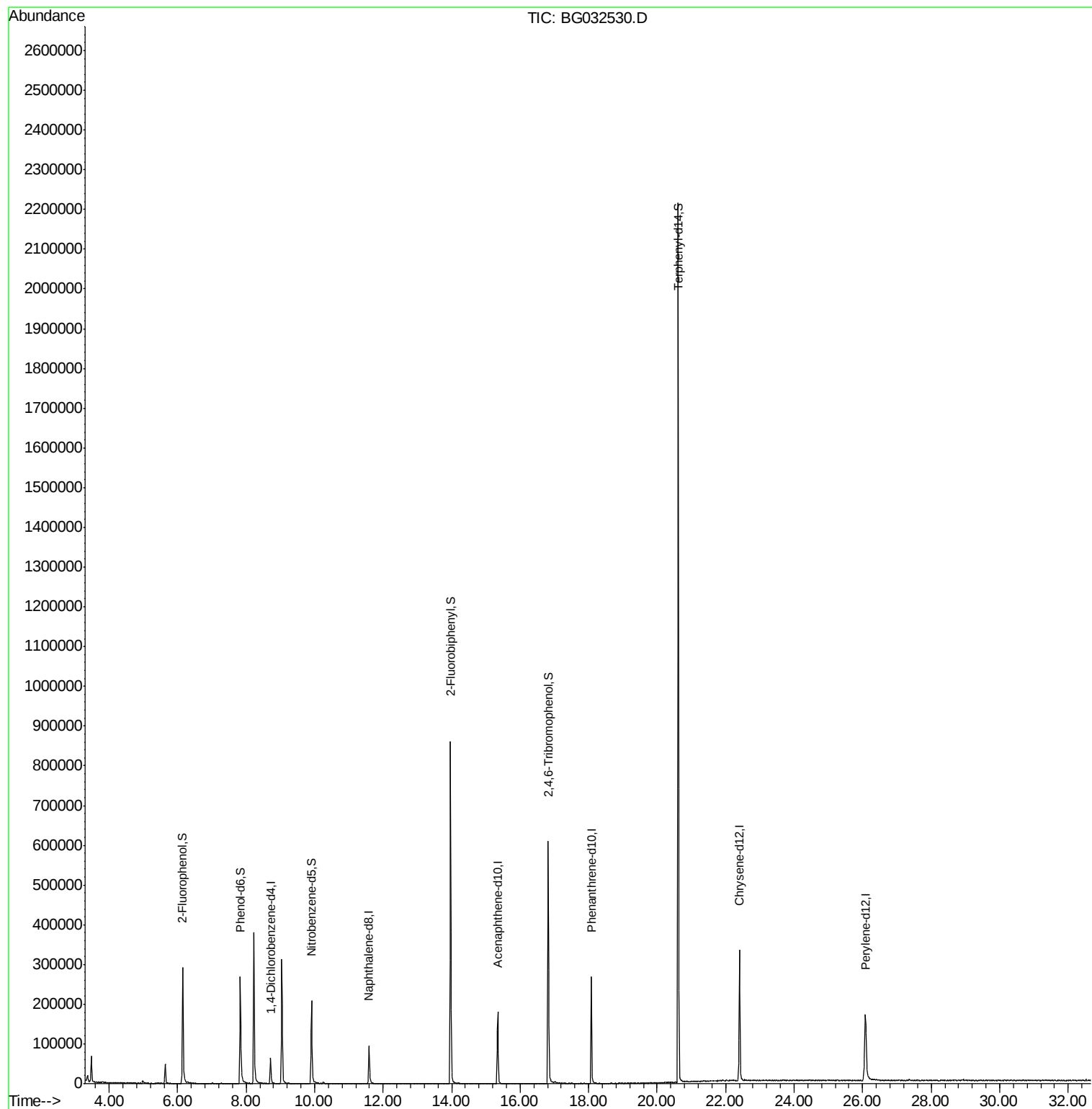
Target Compounds Qvalue

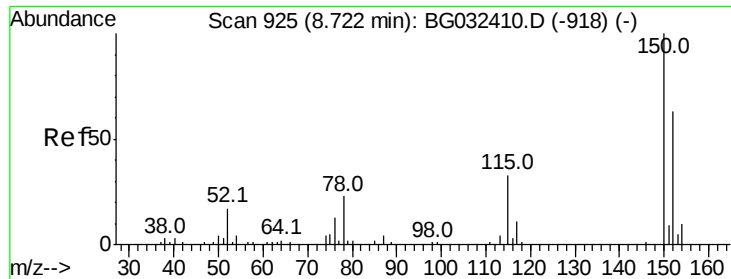
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : U:\HPCHEM1\BNA G\DATA\BG020218\
Data File : BG032530.D
Acq On : 3 Feb 2018 3:11
Operator : SJ/JU
Sample : J1436-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B13

Quant Time: Feb 03 05:47:40 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 15:32:55 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.71 min Scan# 922

Delta R.T. -0.01 min

Lab File: BG032530.D

Acq: 3 Feb 2018 3:11

Instrument :

BNA_G

ClientSampleId :

B13

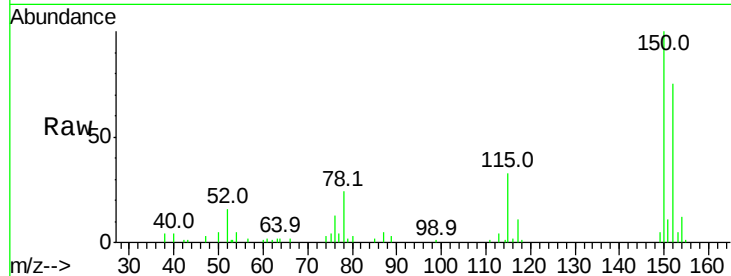
Tot Ion:152 Resp: 26302

Ion Ratio Lower Upper

152 100

150 133.3 126.6 189.8

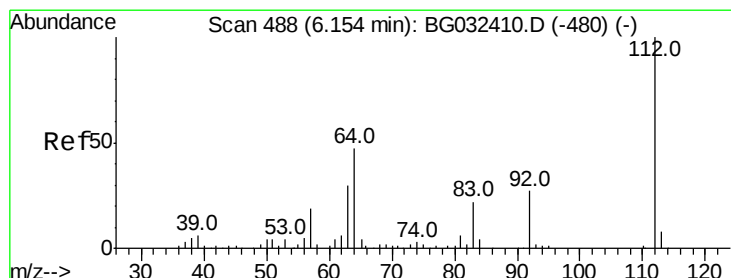
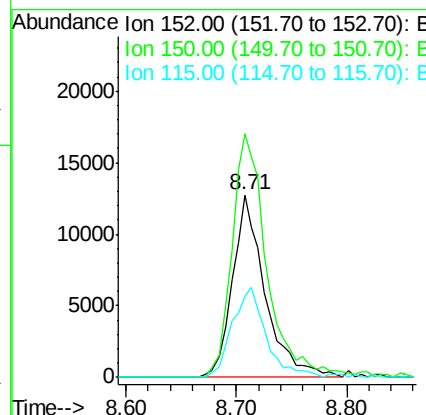
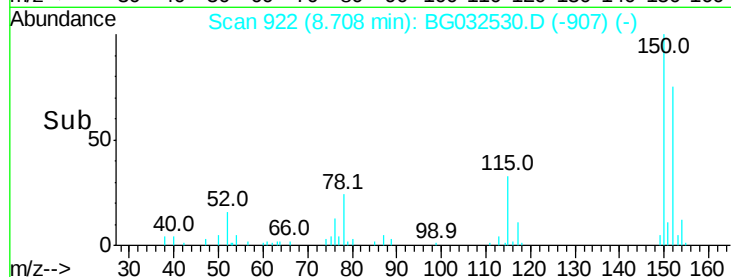
115 44.3 53.0 79.4#



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: 124.124 ng

RT: 6.15 min Scan# 486

Delta R.T. -0.01 min

Lab File: BG032530.D

Acq: 3 Feb 2018 3:11

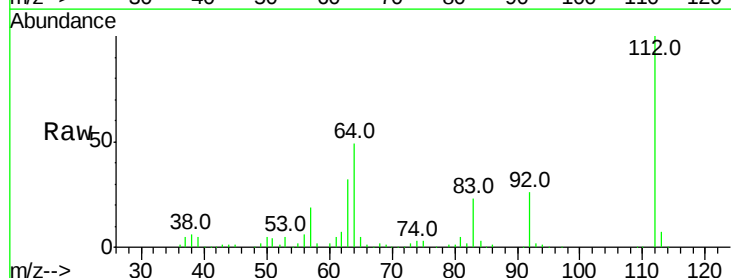
Tgt Ion:112 Resp: 162540

Ion Ratio Lower Upper

112 100

64 48.9 56.3 84.5#

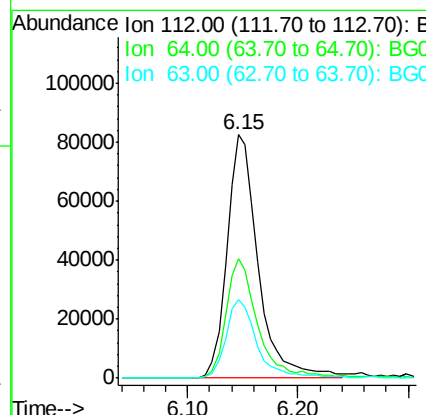
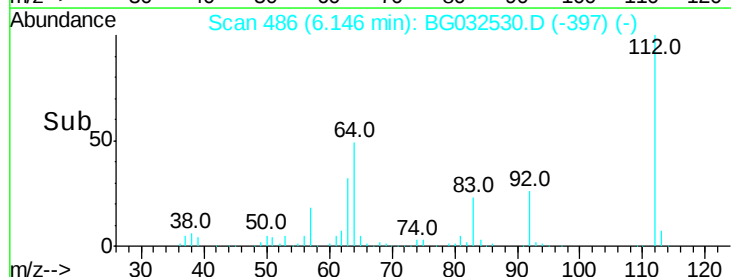
63 32.1 30.1 45.1

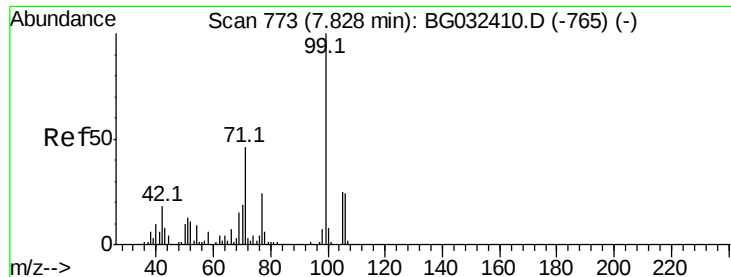


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 107.010 ng

RT: 7.83 min Scan# 773

Delta R.T. 0.00 min

Lab File: BG032530.D

Acq: 3 Feb 2018 3:11

Instrument :

BNA_G

ClientSampleId :

B13

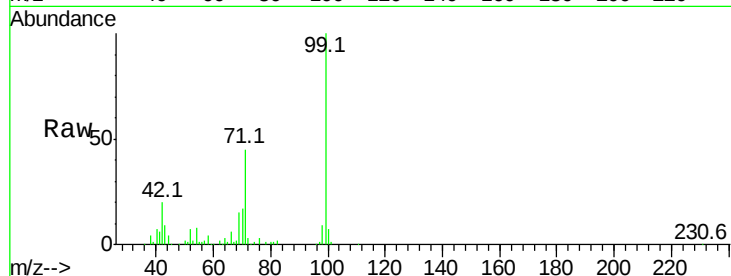
Tot Ion: 99 Resp: 186990

Ion Ratio Lower Upper

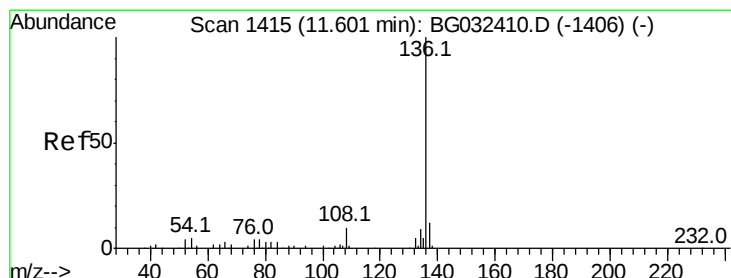
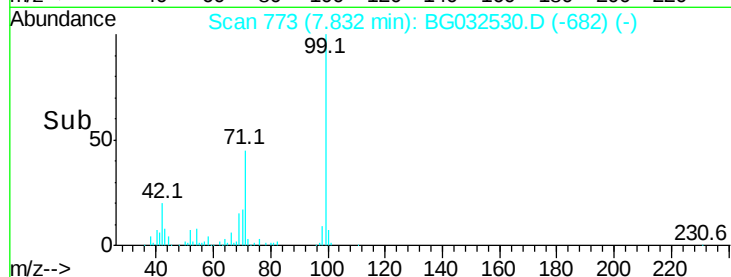
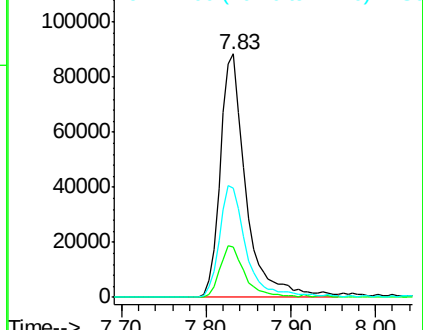
99 100

42 20.4 14.1 21.1

71 45.1 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: 11.59 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BG032530.D

Acq: 3 Feb 2018 3:11

Tgt Ion: 136 Resp: 100602

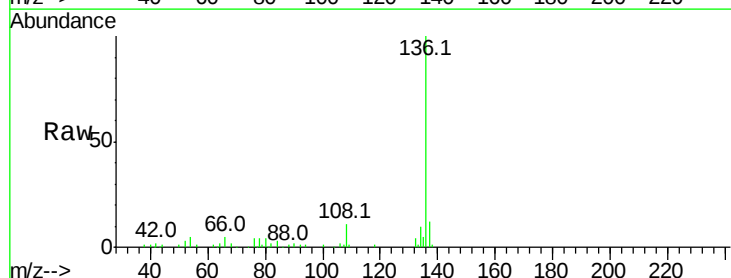
Ion Ratio Lower Upper

136 100

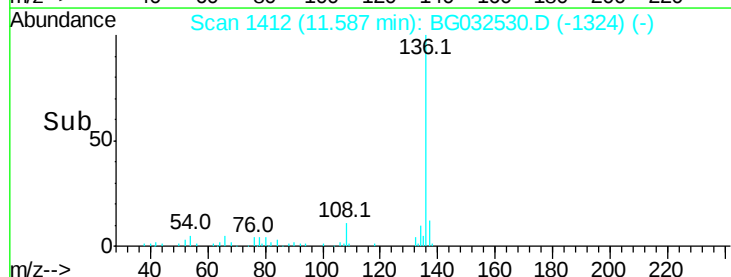
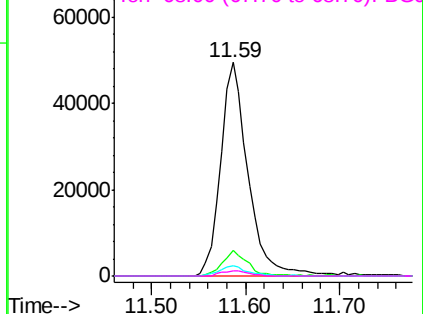
137 12.1 9.2 13.8

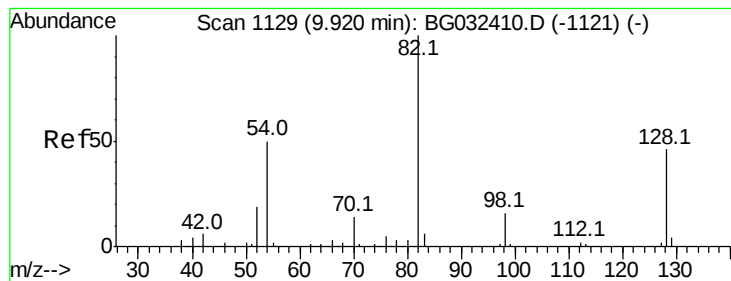
54 4.8 10.3 15.5#

68 2.3 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: 92.813 ng

RT: 9.91 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BG032530.D

Acq: 3 Feb 2018 3:11

Instrument :

BNA_G

ClientSampled :

B13

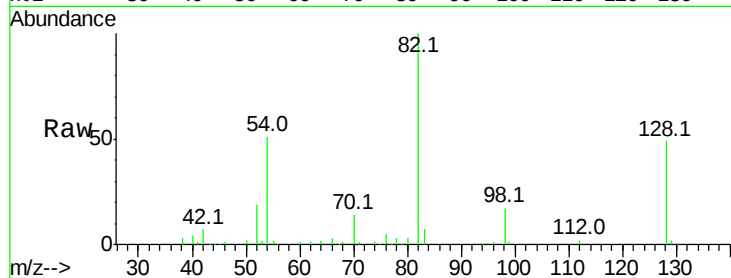
Tot Ion: 82 Resp: 149490

Ion Ratio Lower Upper

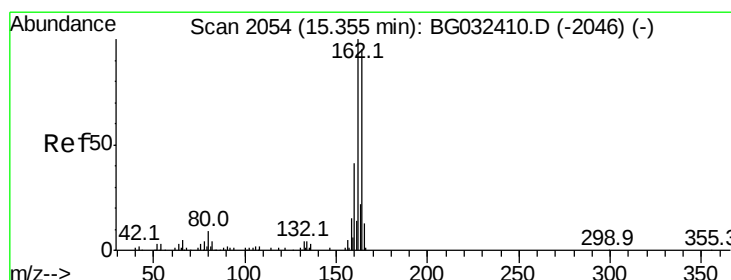
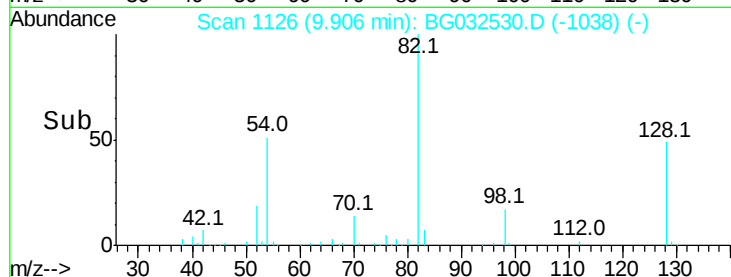
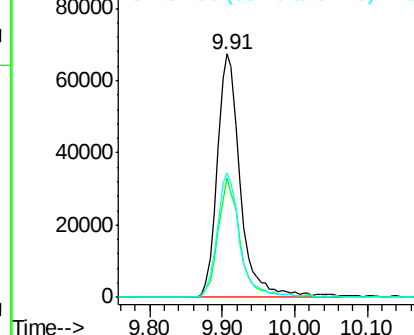
82 100

128 49.3 29.7 44.5#

54 51.3 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: 15.34 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BG032530.D

Acq: 3 Feb 2018 3:11

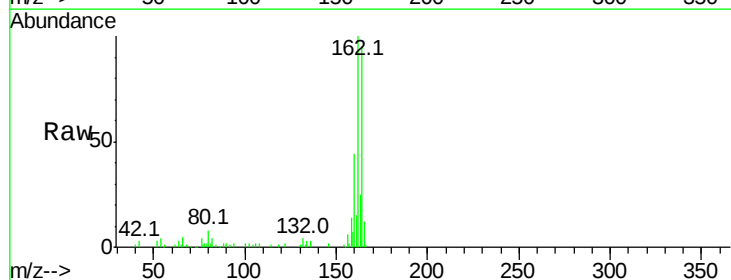
Tgt Ion:164 Resp: 73836

Ion Ratio Lower Upper

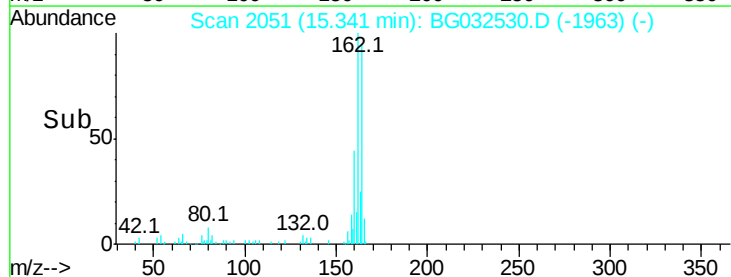
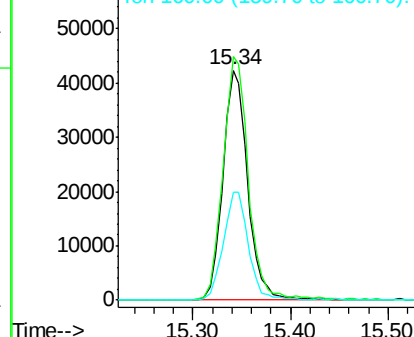
164 100

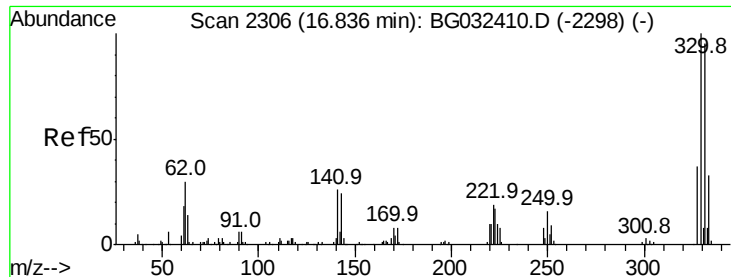
162 105.8 78.8 118.2

160 46.8 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

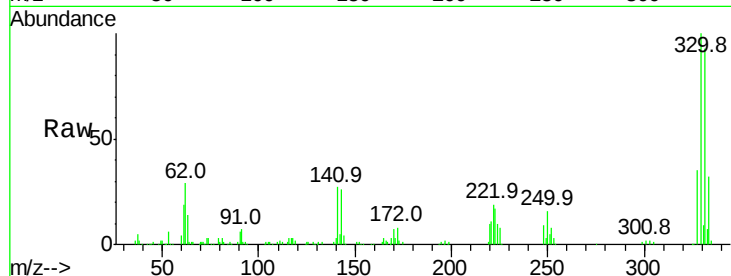




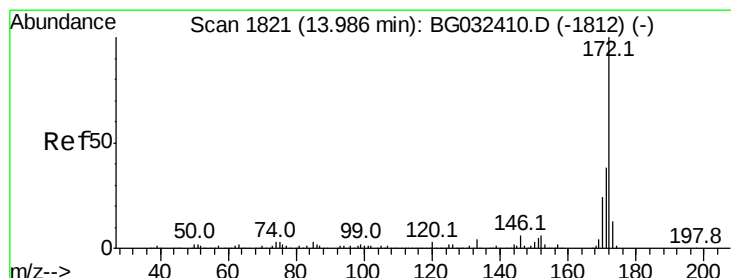
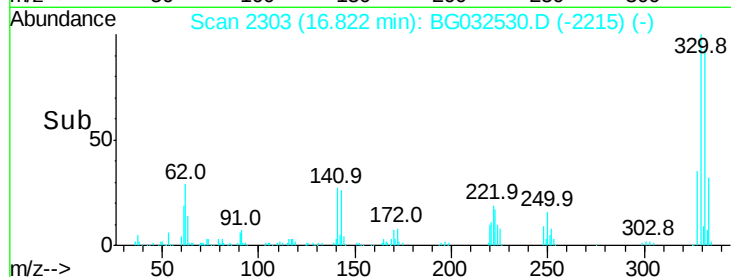
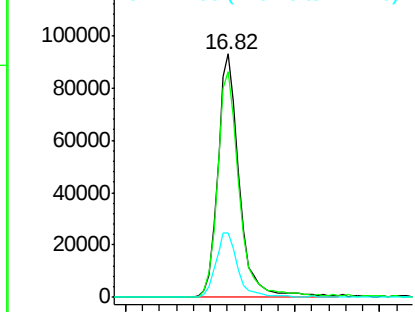
#41
 2,4,6-Tribromophenol
 Concen: 117.170 ng
 RT: 16.82 min Scan# 2303
 Delta R.T. -0.01 min
 Lab File: BG032530.D
 Acq: 3 Feb 2018 3:11

Instrument :
 BNA_G
 ClientSampleId :
 B13

Tot Ion:330 Resp: 164679
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.0 115.6
 141 27.6 25.2 37.8

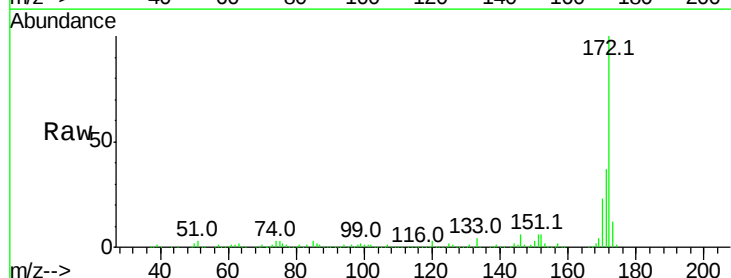


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

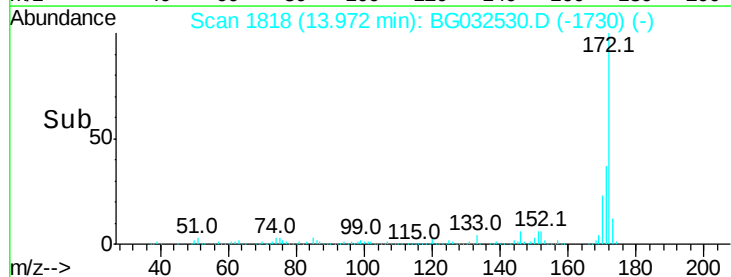
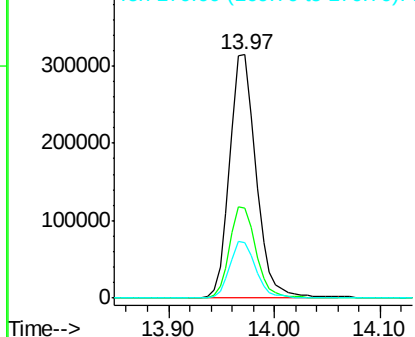


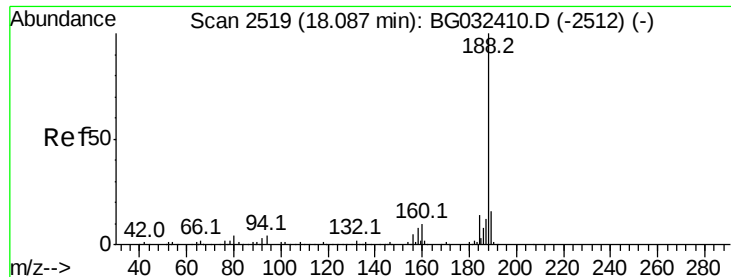
#44
 2-Fluorobiphenyl
 Concen: 87.857 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BG032530.D
 Acq: 3 Feb 2018 3:11

Tgt Ion:172 Resp: 545785
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.0 45.0
 170 22.8 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: 18.08 min Scan# 2517

Delta R.T. -0.01 min

Lab File: BG032530.D

Acq: 3 Feb 2018 3:11

Instrument :

BNA_G

ClientSampleId :

B13

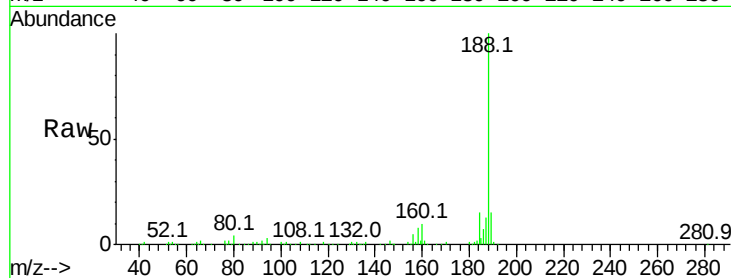
Tot Ion:188 Resp: 202385

Ion Ratio Lower Upper

188 100

94 3.0 6.9 10.3#

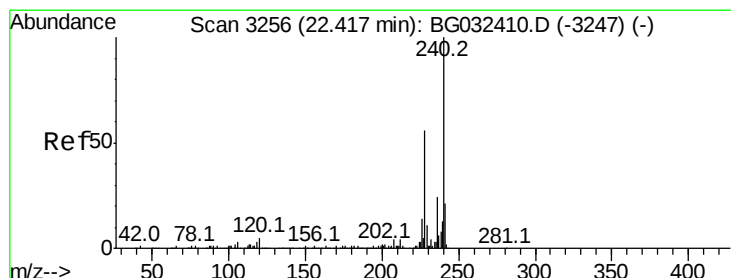
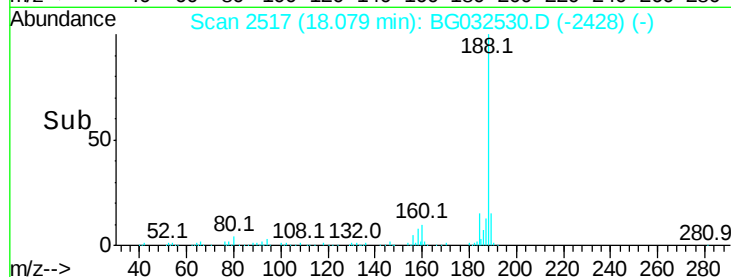
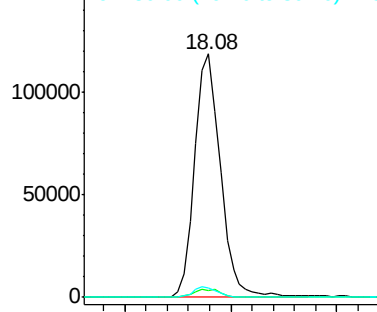
80 3.9 7.7 11.5#



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: 22.40 min Scan# 3253

Delta R.T. -0.01 min

Lab File: BG032530.D

Acq: 3 Feb 2018 3:11

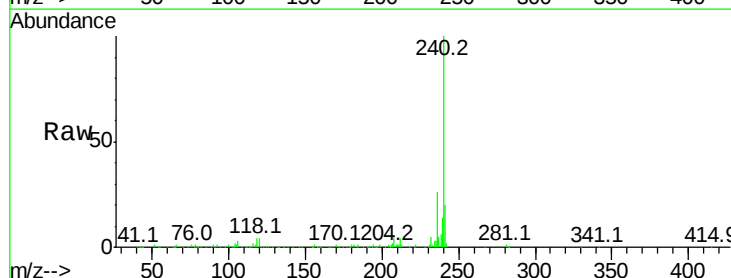
Tgt Ion:240 Resp: 267792

Ion Ratio Lower Upper

240 100

120 3.9 6.8 10.2#

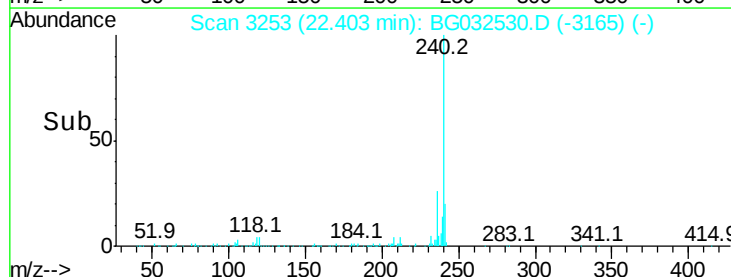
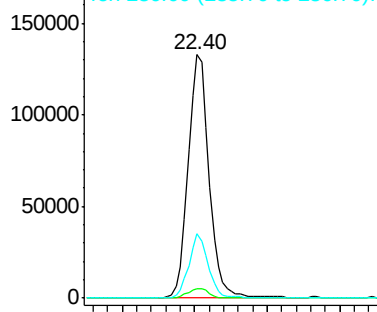
236 26.4 20.9 31.3

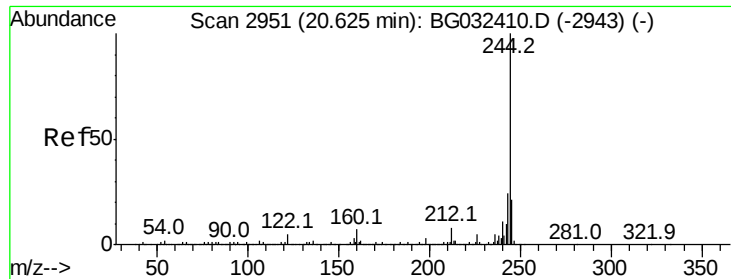


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

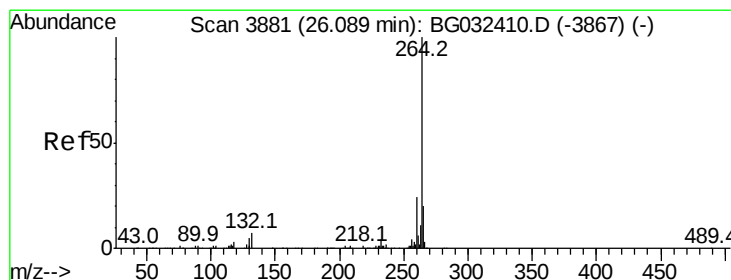
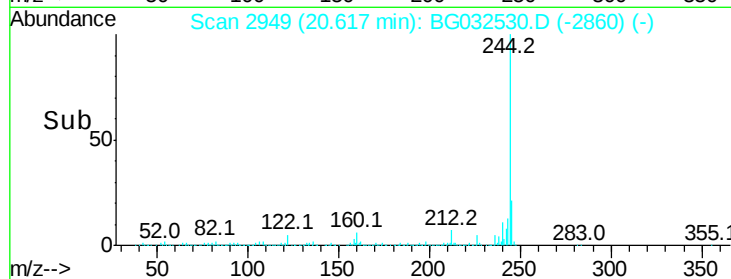
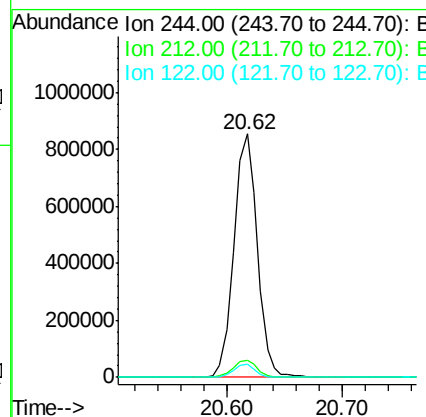
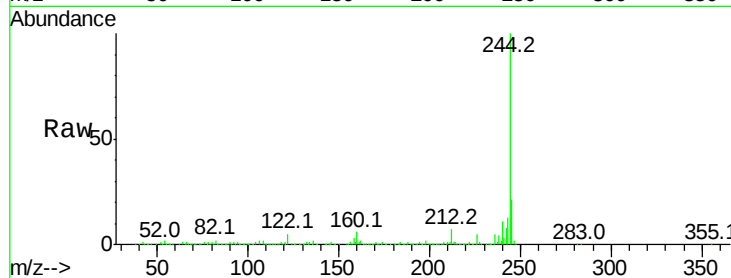




#78
 Terphenyl-d14
 Concen: 95.710 ng
 RT: 20.62 min Scan# 2949
 Delta R.T. -0.01 min
 Lab File: BG032530.D
 Acq: 3 Feb 2018 3:11

Instrument :
 BNA_G
 ClientSampled :
 B13

Tot Ion:244 Resp: 1196516
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 5.2 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.09 min Scan# 3880
 Delta R.T. -0.00 min
 Lab File: BG032530.D
 Acq: 3 Feb 2018 3:11

Tgt Ion:264 Resp: 271875
 Ion Ratio Lower Upper
 264 100
 260 21.3 17.4 26.0
 265 21.9 17.7 26.5

