

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030118\
 Data File : BG032923.D
 Acq On : 1 Mar 2018 18:52
 Operator : SJ/JU
 Sample : J1699-44
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B10

Quant Time: Mar 02 10:12:14 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 01 17:38:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	60631	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	260195	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	148521	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	344711	20.00	ng	0.00
75) Chrysene-d12	22.61	240	334761	20.00	ng	0.00
86) Perylene-d12	26.43	264	331991	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	517368	136.52	ng	0.00
7) Phenol-d6	8.01	99	629974	119.26	ng	0.00
23) Nitrobenzene-d5	10.11	82	444096	114.54	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	205316	131.47	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	998235	96.94	ng	0.00
78) Terphenyl-d14	20.78	244	1560557	104.74	ng	0.00

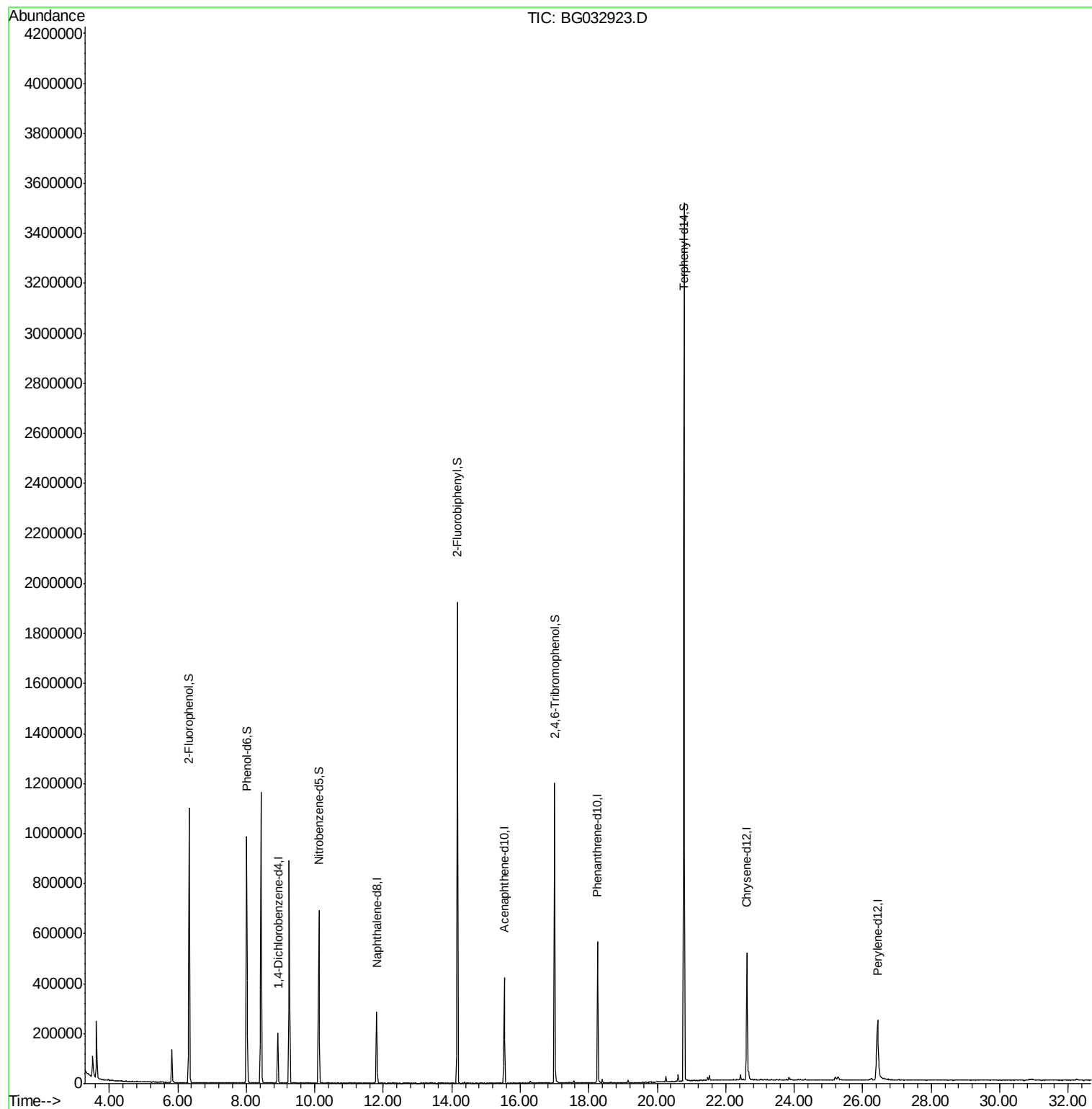
Target Compounds Qvalue

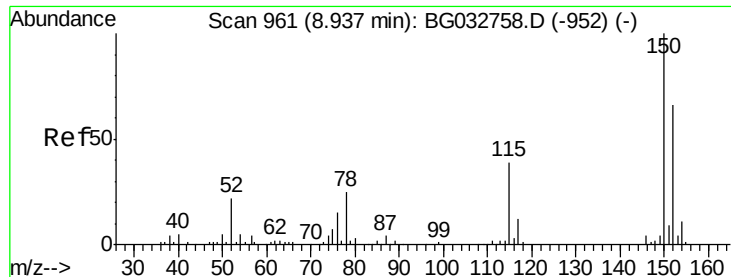
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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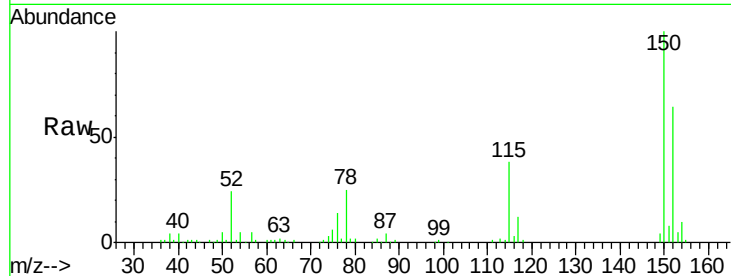


#1

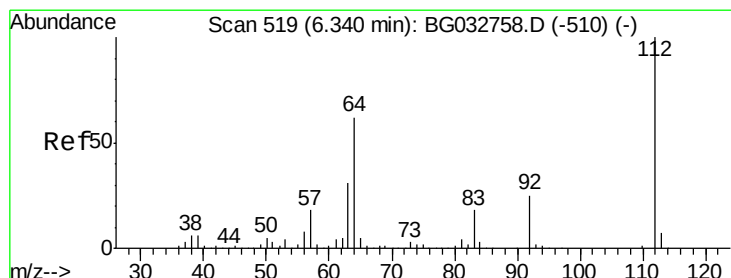
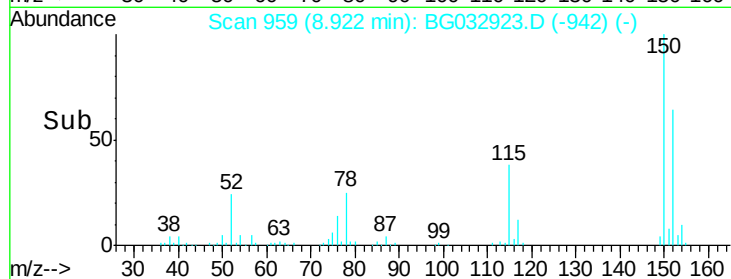
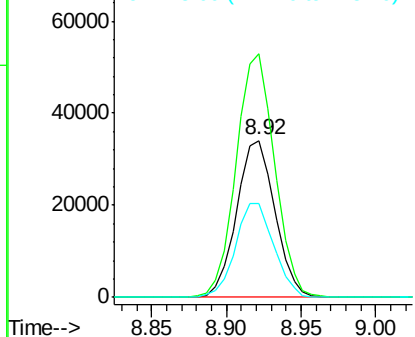
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.92 min Scan# 959
 Delta R.T. 0.00 min
 Lab File: BG032923.D
 Acq: 1 Mar 2018 18:52

Instrument :
 BNA_G
 ClientSampleId :
 B10

Tot Ion:152 Resp: 60631
 Ion Ratio Lower Upper
 152 100
 150 155.4 126.6 189.8
 115 59.7 53.0 79.4



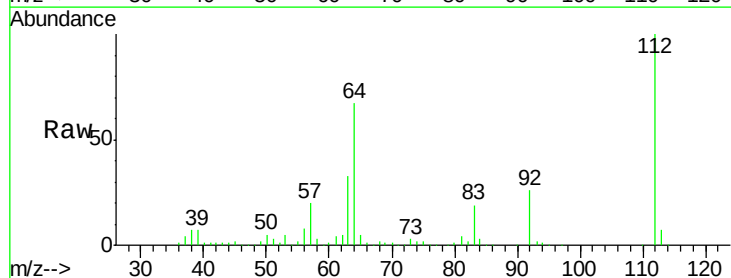
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



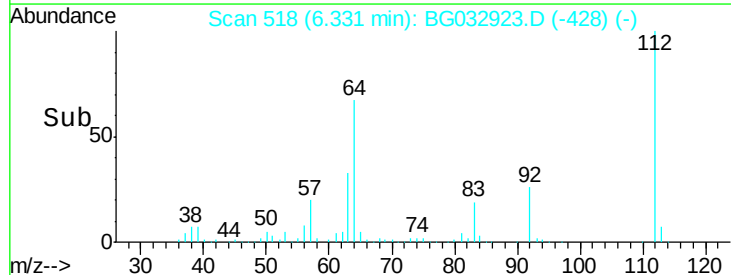
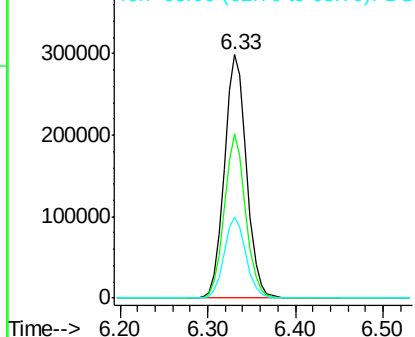
#5

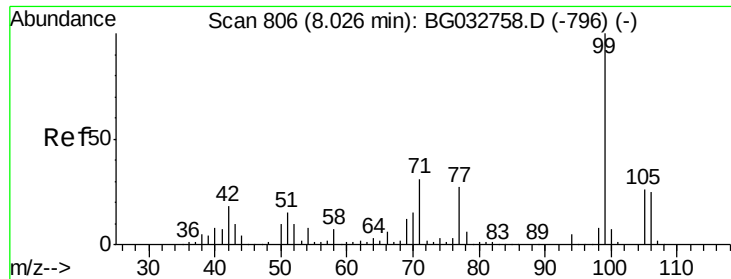
2-Fluorophenol
 Concen: 136.517 ng
 RT: 6.33 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BG032923.D
 Acq: 1 Mar 2018 18:52

Tgt Ion:112 Resp: 517368
 Ion Ratio Lower Upper
 112 100
 64 67.4 56.3 84.5
 63 33.1 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: 119.258 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG032923.D

Acq: 1 Mar 2018 18:52

Instrument :

BNA_G

ClientSampleId :

B10

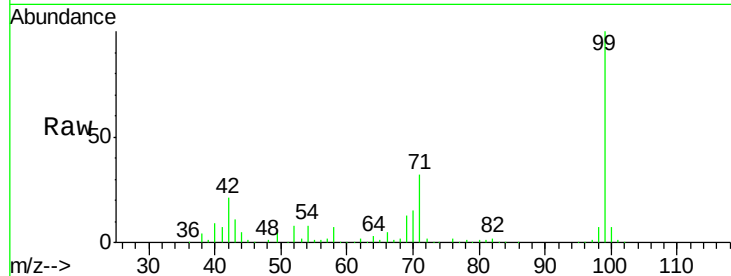
Tot Ion: 99 Resp: 629974

Ion Ratio Lower Upper

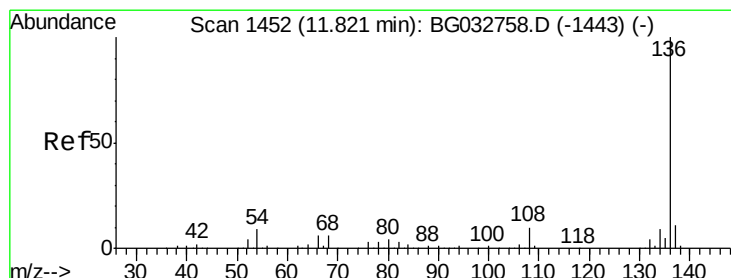
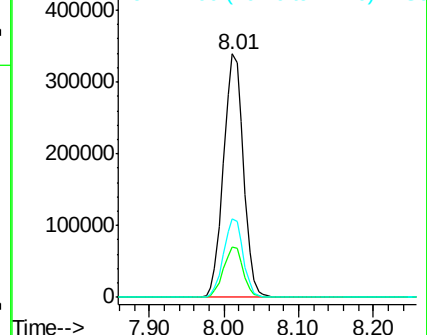
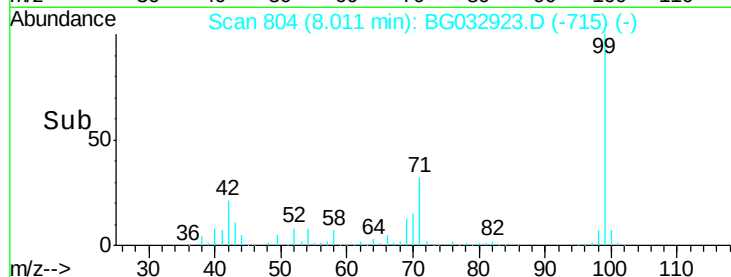
99 100

42 20.7 14.1 21.1

71 32.1 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: 11.81 min Scan# 1450

Delta R.T. 0.00 min

Lab File: BG032923.D

Acq: 1 Mar 2018 18:52

Tgt Ion: 136 Resp: 260195

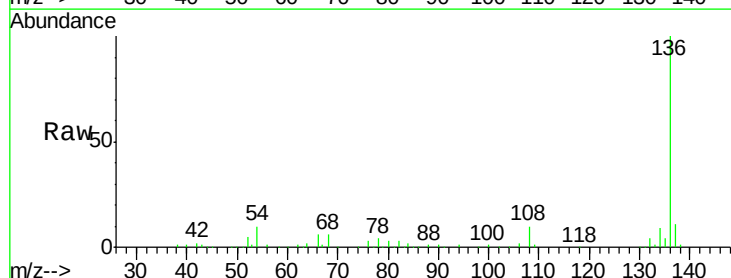
Ion Ratio Lower Upper

136 100

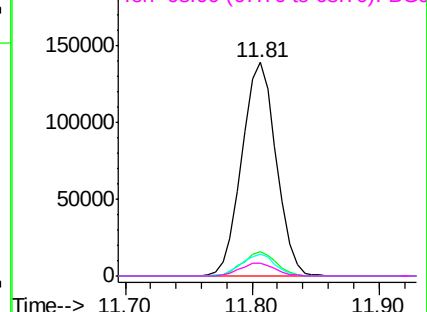
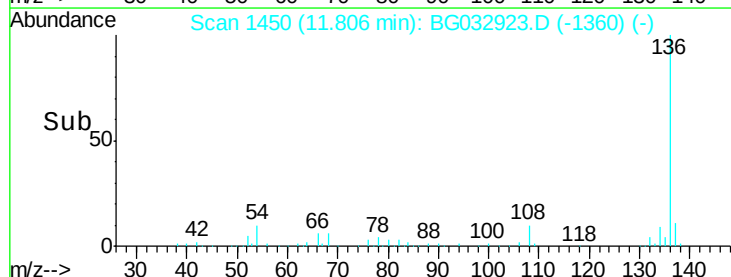
137 11.3 9.2 13.8

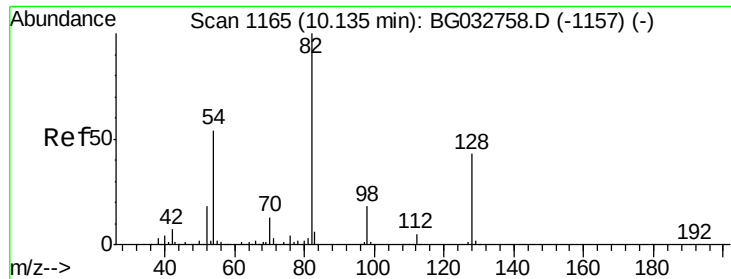
54 10.3 10.3 15.5

68 6.0 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: 114.542 ng

RT: 10.11 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BG032923.D

Acq: 1 Mar 2018 18:52

Instrument :

BNA_G

ClientSampleId :

B10

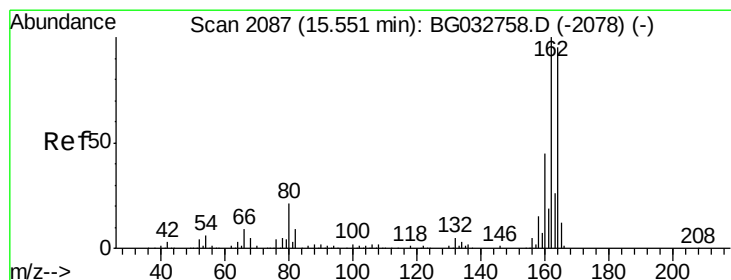
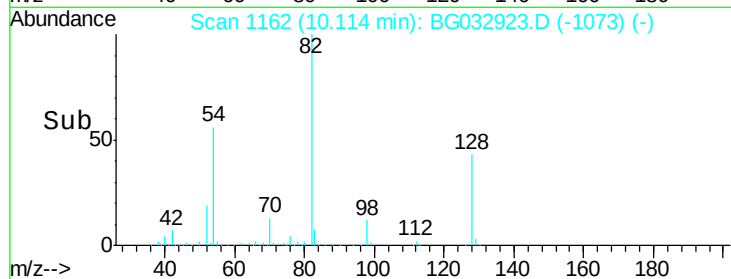
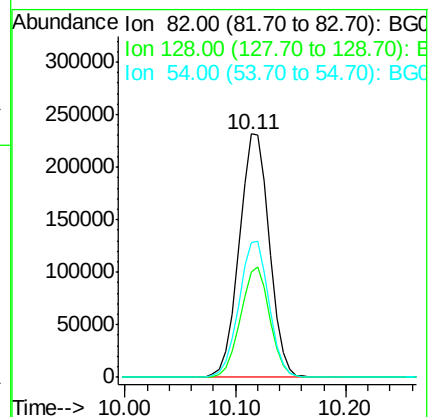
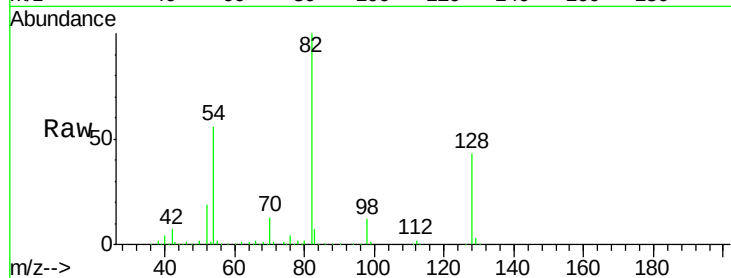
Tot Ion: 82 Resp: 444096

Ion Ratio Lower Upper

82 100

128 43.4 29.7 44.5

54 55.5 43.1 64.7



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.53 min Scan# 2084

Delta R.T. -0.00 min

Lab File: BG032923.D

Acq: 1 Mar 2018 18:52

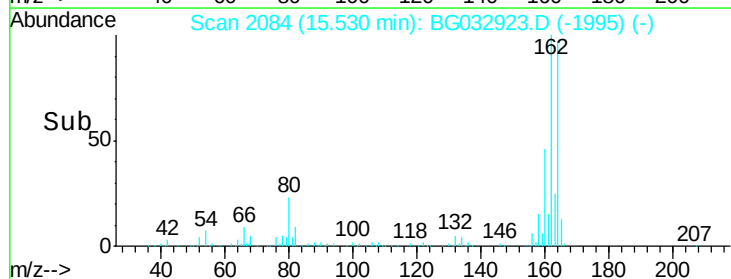
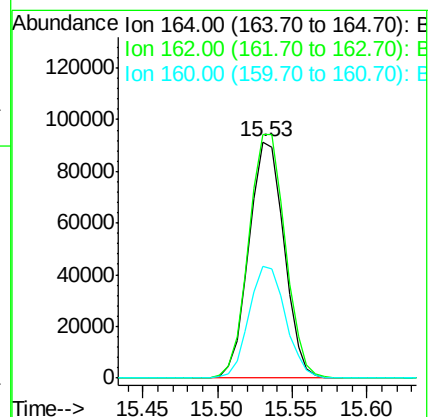
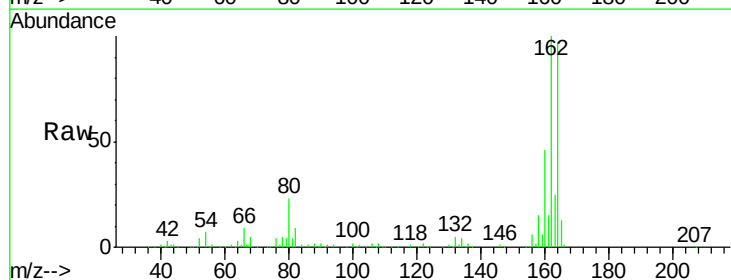
Tgt Ion:164 Resp: 148521

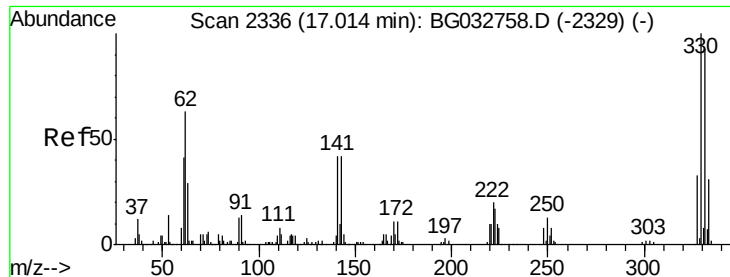
Ion Ratio Lower Upper

164 100

162 102.9 78.8 118.2

160 47.4 35.4 53.0

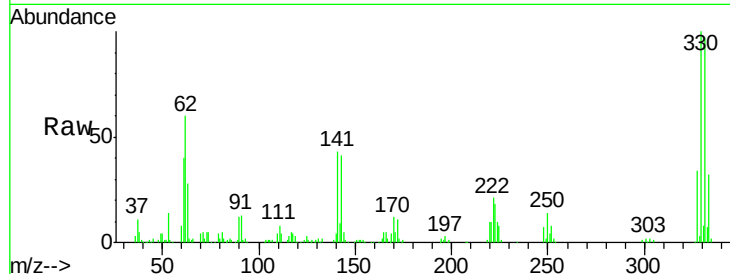




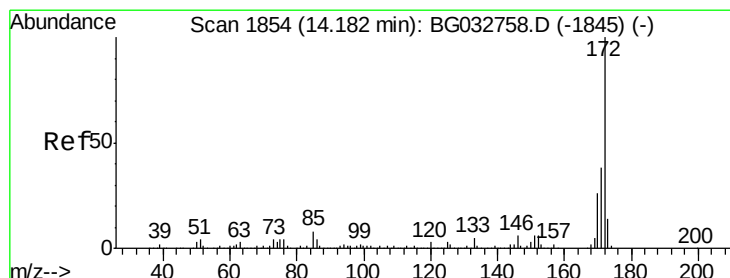
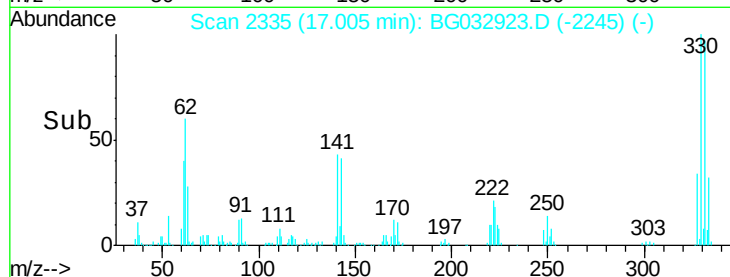
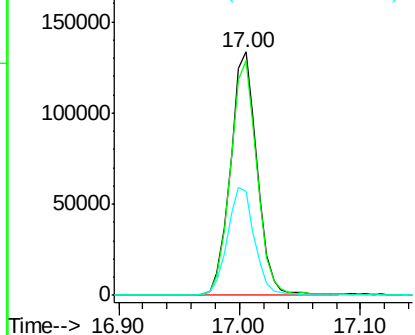
#41
 2,4,6-Tribromophenol
 Concen: 131.474 ng
 RT: 17.00 min Scan# 2335
 Delta R.T. 0.00 min
 Lab File: BG032923.D
 Acq: 1 Mar 2018 18:52

Instrument :
 BNA_G
 ClientSampleId :
 B10

Tot Ion:330 Resp: 205316
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.0 115.6
 141 45.5 25.2 37.8#

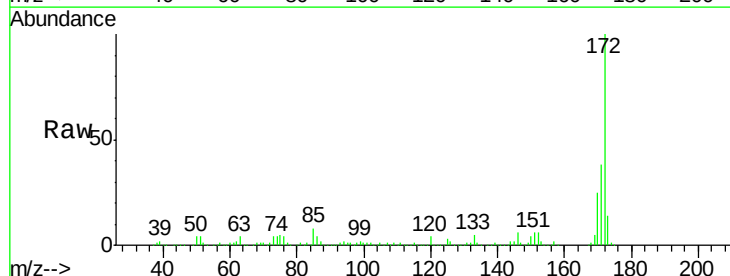


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

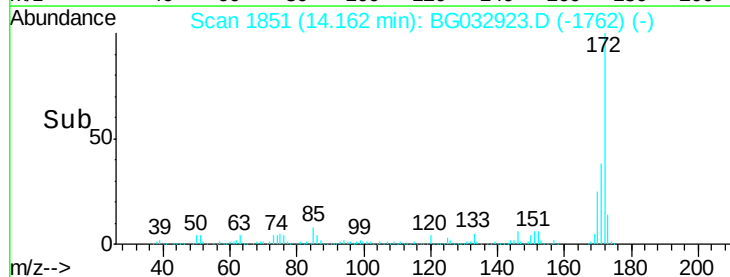
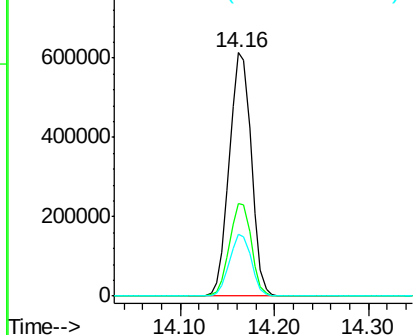


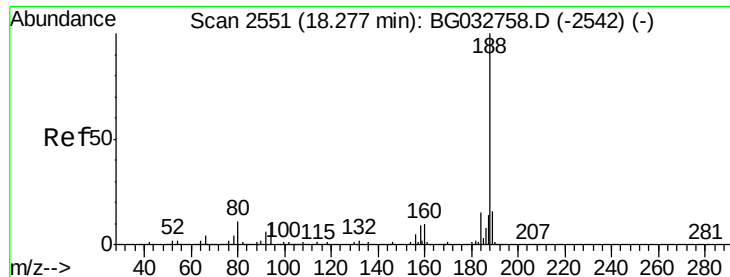
#44
 2-Fluorobiphenyl
 Concen: 96.936 ng
 RT: 14.16 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: BG032923.D
 Acq: 1 Mar 2018 18:52

Tgt Ion:172 Resp: 998235
 Ion Ratio Lower Upper
 172 100
 171 38.2 30.0 45.0
 170 25.5 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

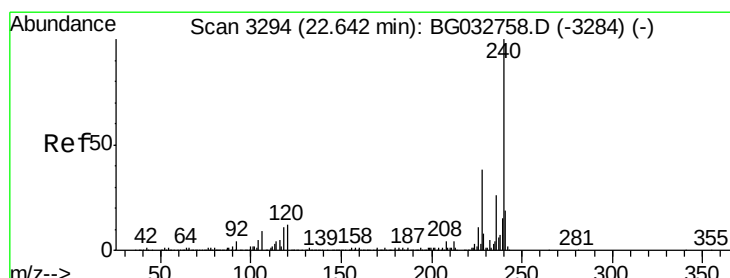
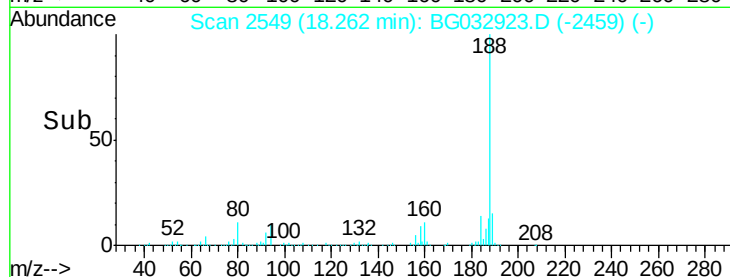
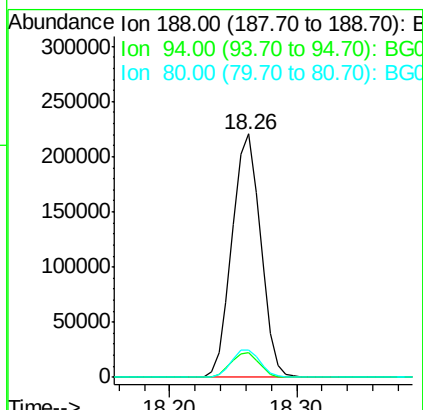
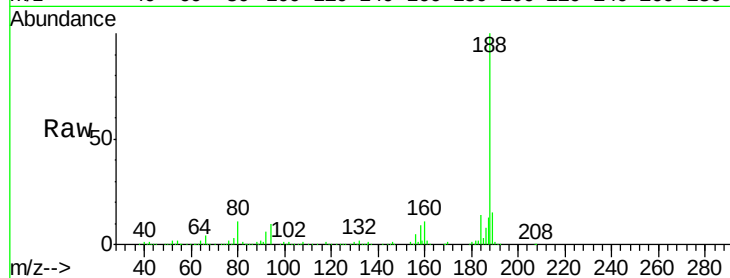




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2549
Delta R.T. 0.00 min
Lab File: BG032923.D
Acq: 1 Mar 2018 18:52

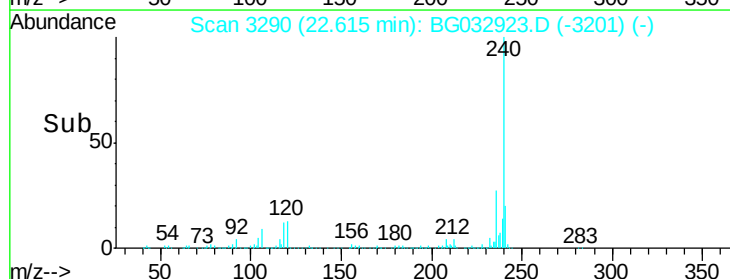
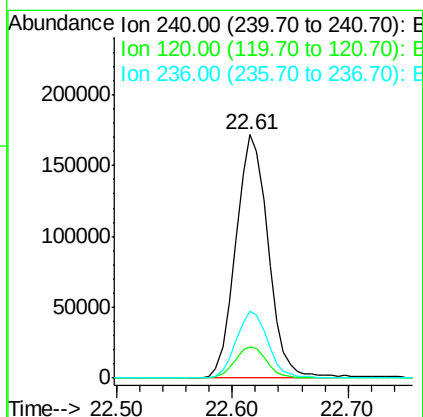
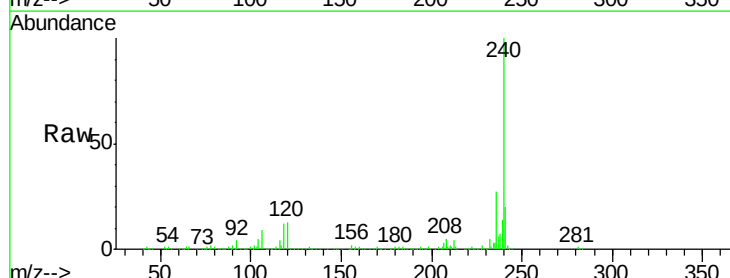
Instrument :
BNA_G
ClientSampled :
B10

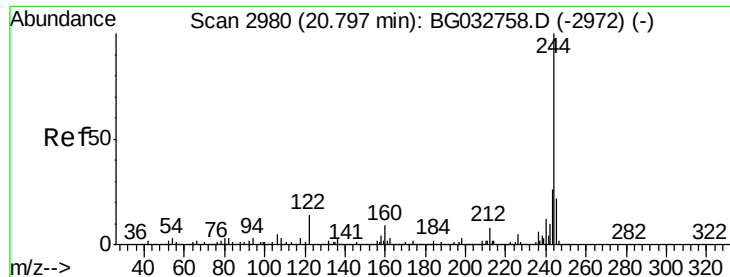
Tot Ion:188 Resp: 344711
Ion Ratio Lower Upper
188 100
94 10.0 6.9 10.3
80 11.3 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.61 min Scan# 3290
Delta R.T. -0.00 min
Lab File: BG032923.D
Acq: 1 Mar 2018 18:52

Tgt Ion:240 Resp: 334761
Ion Ratio Lower Upper
240 100
120 12.7 6.8 10.2#
236 27.4 20.9 31.3





#78

Terphenyl-d14

Concen: 104.736 ng

RT: 20.78 min Scan# 2978

Delta R.T. 0.01 min

Lab File: BG032923.D

Acq: 1 Mar 2018 18:52

Instrument :

BNA_G

ClientSampled :

B10

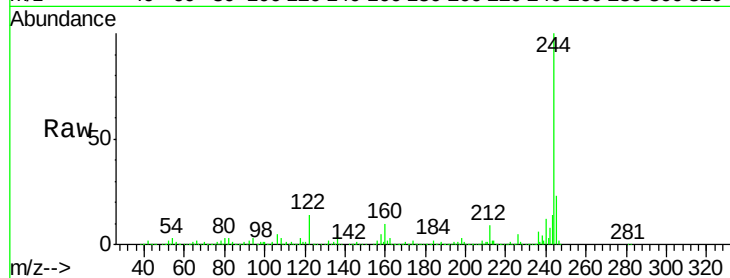
Tot Ion:244 Resp: 1560557

Ion Ratio Lower Upper

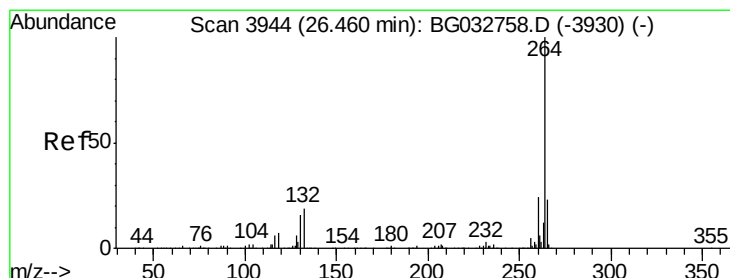
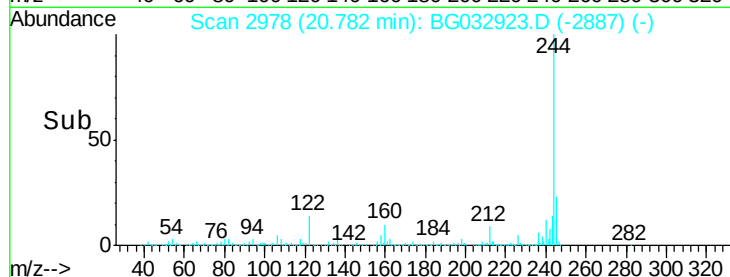
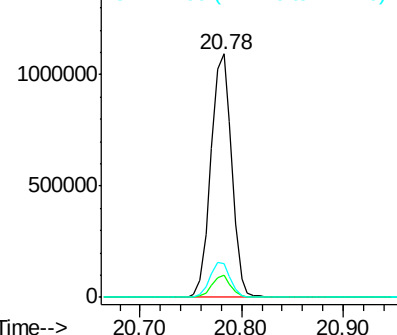
244 100

212 8.9 5.8 8.8#

122 14.1 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# 3940

Delta R.T. 0.01 min

Lab File: BG032923.D

Acq: 1 Mar 2018 18:52

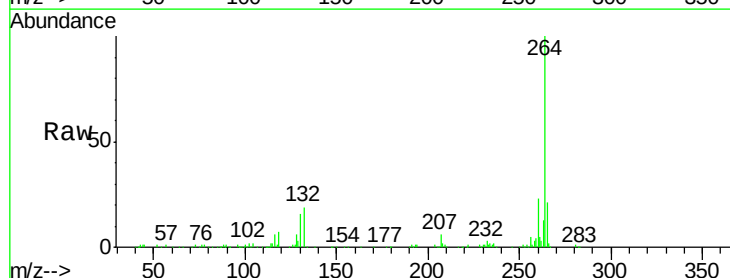
Tgt Ion:264 Resp: 331991

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

265 21.4 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

