

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031218\
 Data File : BG033108.D
 Acq On : 13 Mar 2018 3:30
 Operator : SJ/JU
 Sample : J1867-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CPS103071

Quant Time: Mar 13 08:44:24 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 15:10:14 2018
 Response via : Initial Calibration

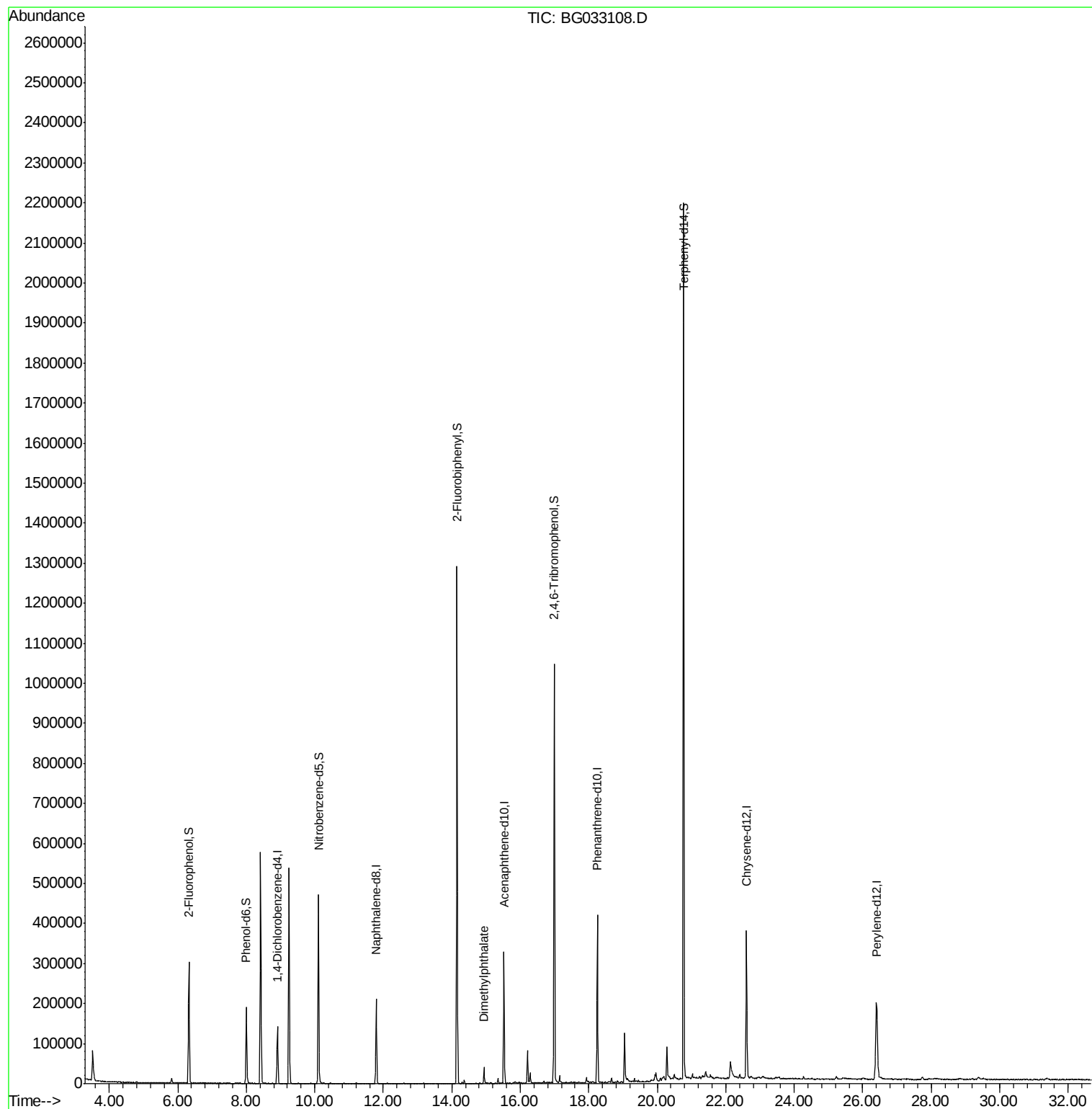
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	41298	20.00	ng	0.00
21) Naphthalene-d8	11.79	136	185155	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	109157	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	259653	20.00	ng	0.00
75) Chrysene-d12	22.60	240	248000	20.00	ng	0.00
86) Perylene-d12	26.40	264	259436	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.32	112	138851	53.79	ng	0.00
7) Phenol-d6	8.00	99	116540	32.39	ng	0.00
23) Nitrobenzene-d5	10.11	82	294470	107.41	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	187955	163.76	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	664616	87.81	ng	0.00
78) Terphenyl-d14	20.77	244	1017197	92.15	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.94	163	27432	2.960	ng	99

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

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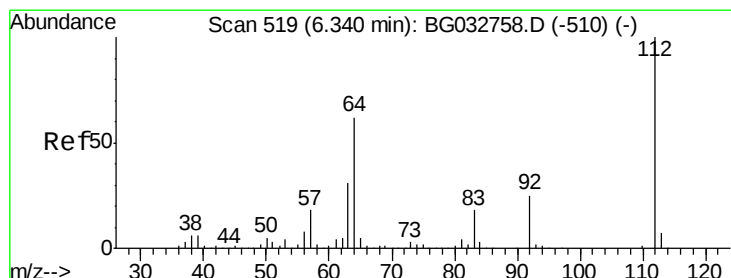
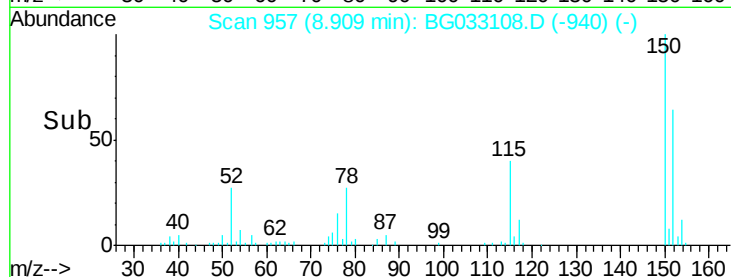
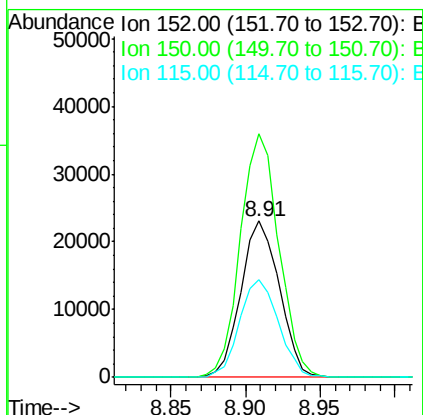
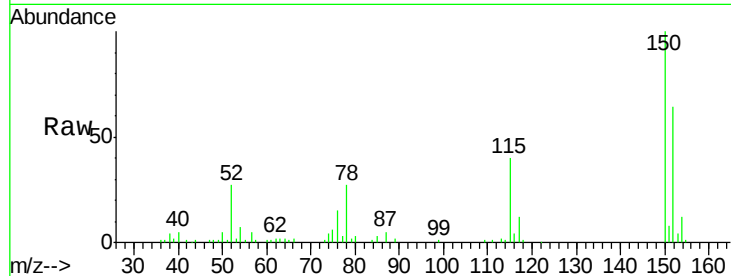


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG033108.D
Acq: 13 Mar 2018 3:30

Instrument :
BNA_G
ClientSampleId :
CPS103071

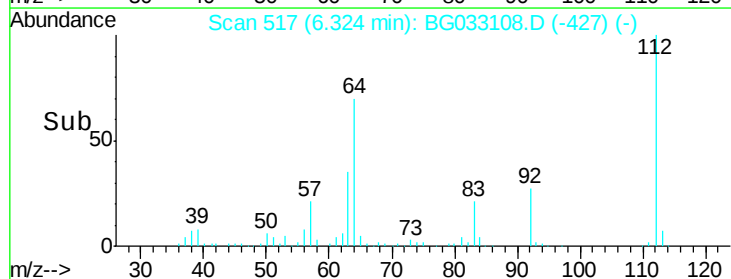
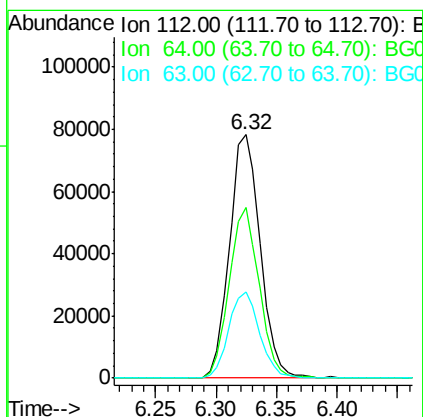
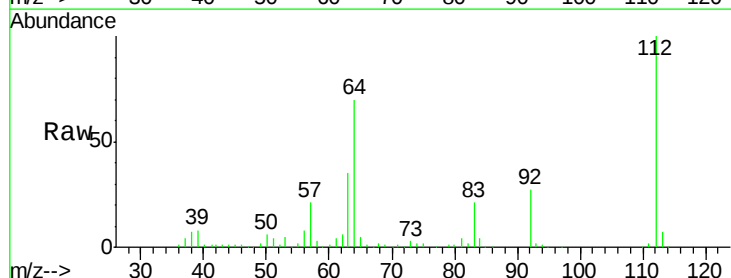
Tot Ion:152 Resp: 41298
Ion Ratio Lower Upper
152 100
150 155.8 126.6 189.8
115 62.6 53.0 79.4



#5

2-Fluorophenol
Concen: 53.790 ng
RT: 6.32 min Scan# 517
Delta R.T. -0.00 min
Lab File: BG033108.D
Acq: 13 Mar 2018 3:30

Tgt Ion:112 Resp: 138851
Ion Ratio Lower Upper
112 100
64 70.0 56.3 84.5
63 35.4 30.1 45.1





#7

Phenol-d6

Concen: 32.390 ng

RT: 8.00 min Scan# 802

Delta R.T. -0.01 min

Lab File: BG033108.D

Acq: 13 Mar 2018 3:30

Instrument :

BNA_G

ClientSampleId :

CPS103071

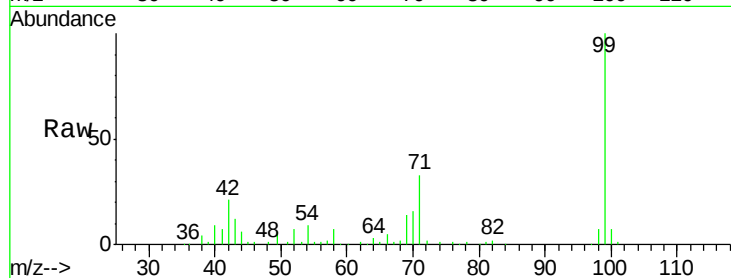
Tot Ion: 99 Resp: 116540

Ion Ratio Lower Upper

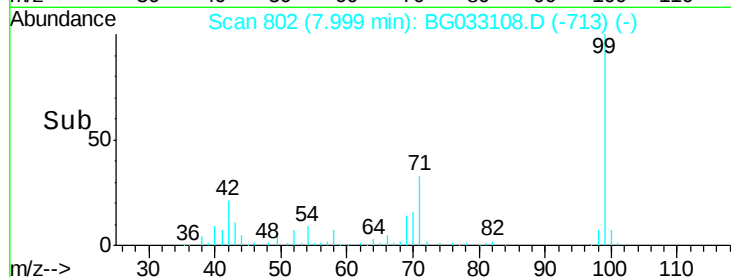
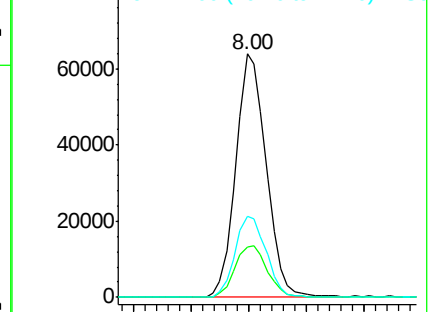
99 100

42 20.6 14.1 21.1

71 33.4 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: 11.79 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BG033108.D

Acq: 13 Mar 2018 3:30

Tgt Ion: 136 Resp: 185155

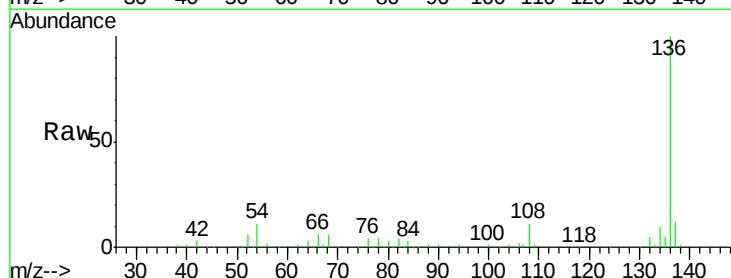
Ion Ratio Lower Upper

136 100

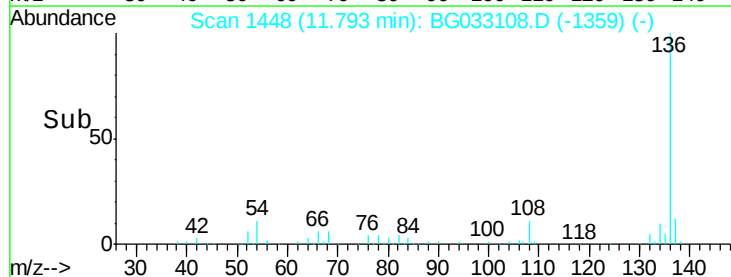
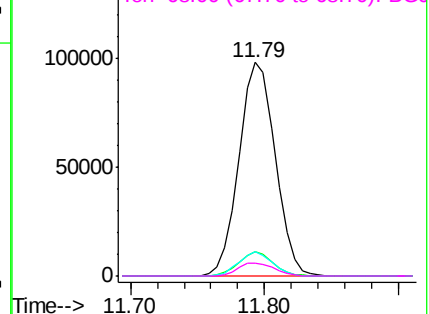
137 11.6 9.2 13.8

54 11.3 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

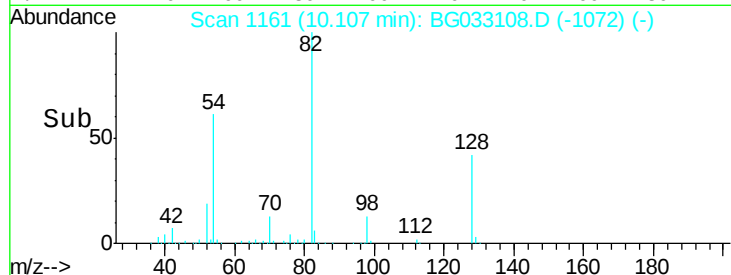
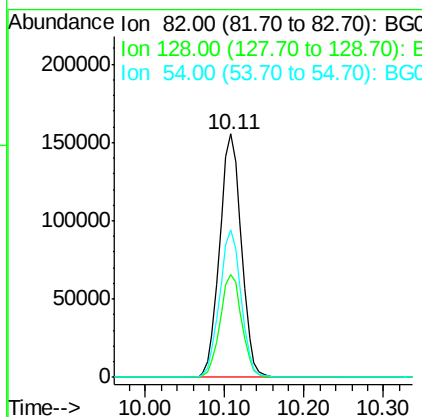
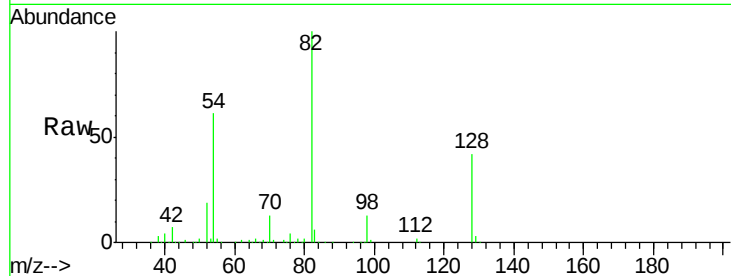




#23
 Nitrobenzene-d5
 Concen: 107.408 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BG033108.D
 Acq: 13 Mar 2018 3:30

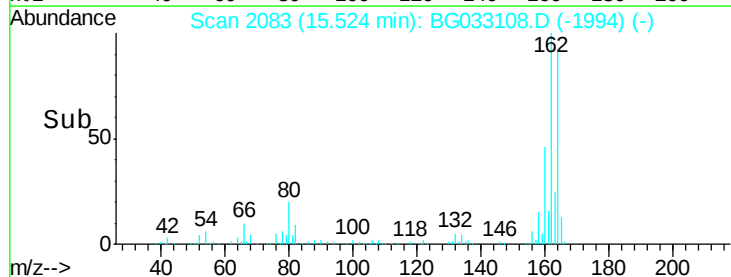
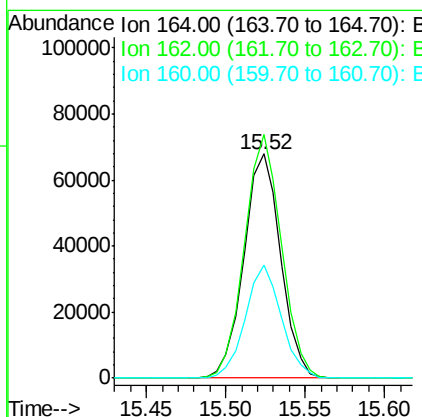
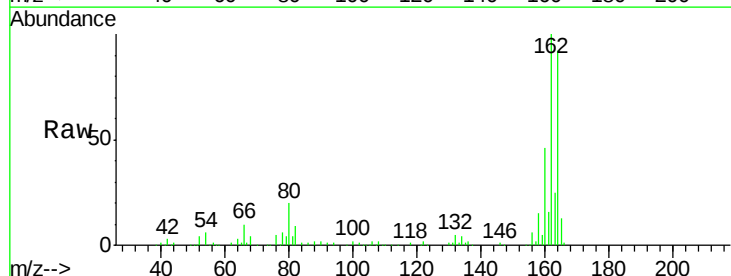
Instrument :
 BNA_G
 ClientSampleId :
 CPS103071

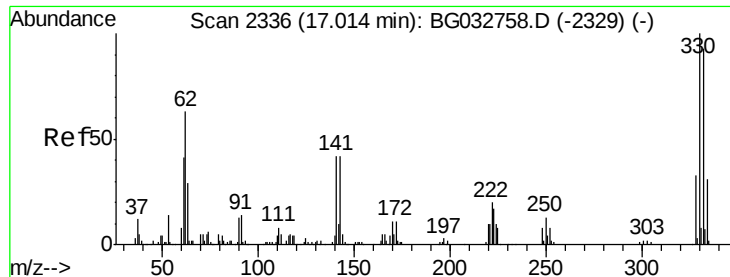
Tot Ion	82	Resp	294470
Ion Ratio	Lower	Upper	
82	100		
128	42.3	29.7	44.5
54	60.8	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2083
 Delta R.T. -0.01 min
 Lab File: BG033108.D
 Acq: 13 Mar 2018 3:30

Tgt Ion	164	Resp	109157
Ion Ratio	Lower	Upper	
164	100		
162	108.5	78.8	118.2
160	50.3	35.4	53.0

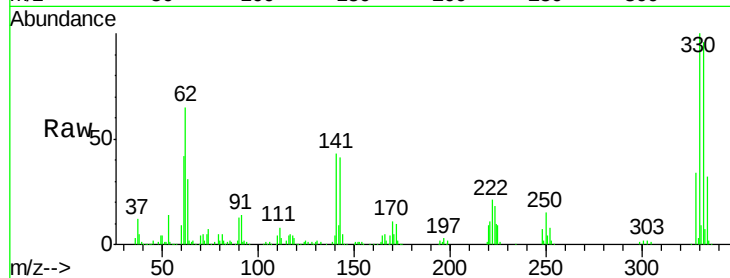




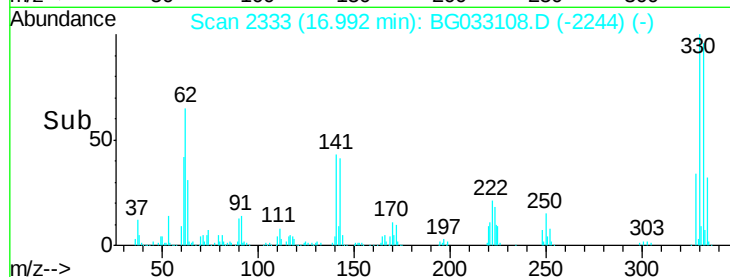
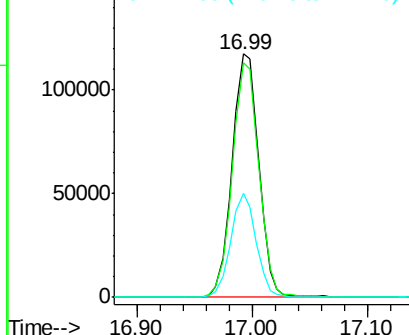
#41
 2,4,6-Tribromophenol
 Concen: 163.760 ng
 RT: 16.99 min Scan# 2333
 Delta R.T. -0.01 min
 Lab File: BG033108.D
 Acq: 13 Mar 2018 3:30

Instrument :
 BNA_G
 ClientSampleId :
 CPS103071

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	40.7	25.2	37.8#

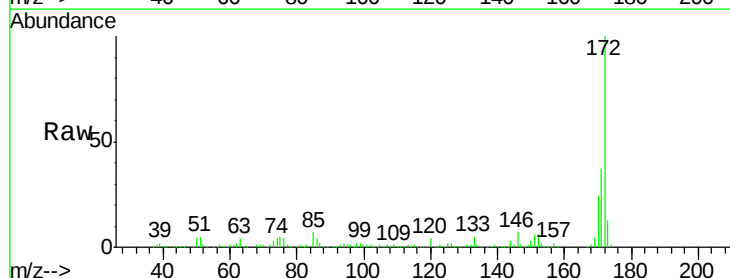


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

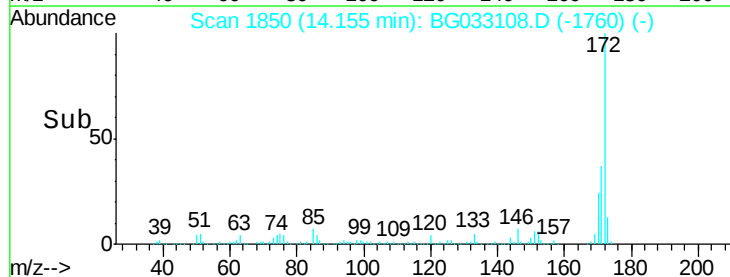
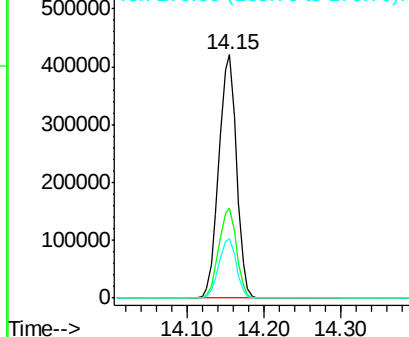


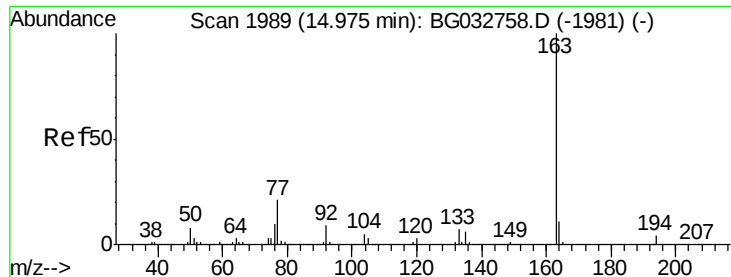
#44
 2-Fluorobiphenyl
 Concen: 87.813 ng
 RT: 14.15 min Scan# 1850
 Delta R.T. -0.00 min
 Lab File: BG033108.D
 Acq: 13 Mar 2018 3:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.0	45.0
170	24.4	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





#49

Dimethylphthalate

Concen: 2.960 ng

RT: 14.94 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BG033108.D

Acq: 13 Mar 2018 3:30

Instrument :

BNA_G

ClientSampleId :

CPS103071

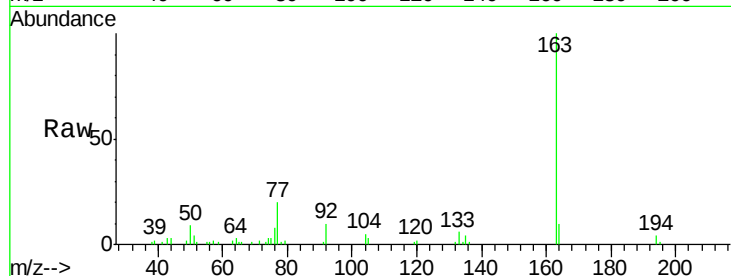
Tot Ion:163 Resp: 27432

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.2

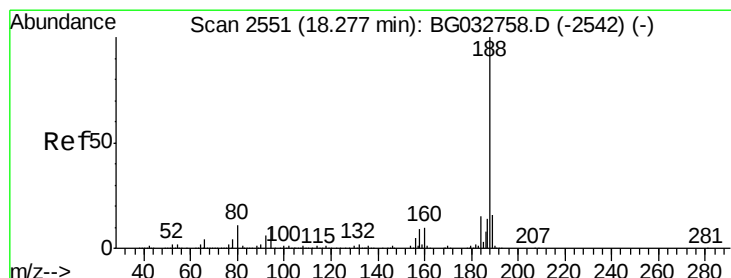
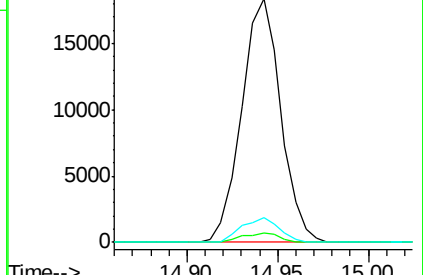
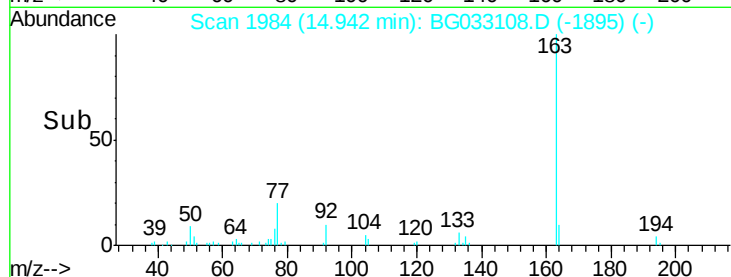
164 10.0 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.25 min Scan# 2547

Delta R.T. -0.01 min

Lab File: BG033108.D

Acq: 13 Mar 2018 3:30

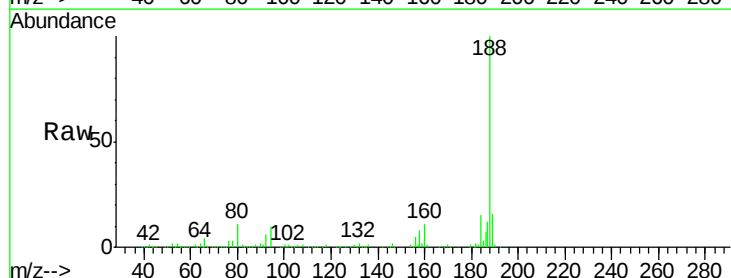
Tgt Ion:188 Resp: 259653

Ion Ratio Lower Upper

188 100

94 9.5 6.9 10.3

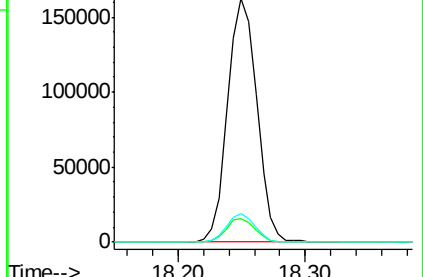
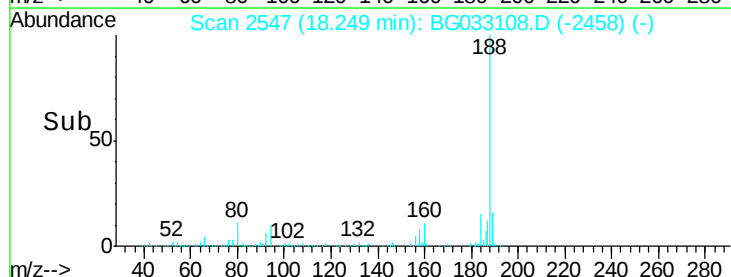
80 11.5 7.7 11.5

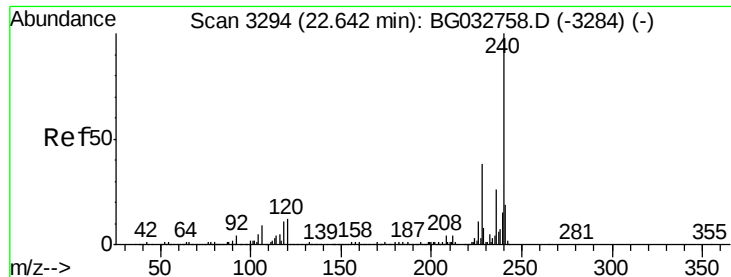


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.60 min Scan# 3288

Delta R.T. -0.01 min

Lab File: BG033108.D

Acq: 13 Mar 2018 3:30

Instrument :

BNA_G

ClientSampleId :

CPS103071

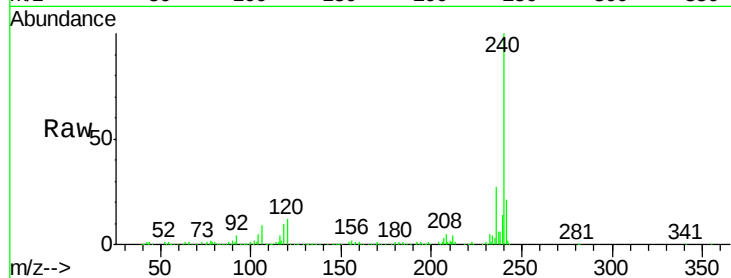
Tot Ion:240 Resp: 248000

Ion Ratio Lower Upper

240 100

120 11.6 6.8 10.2#

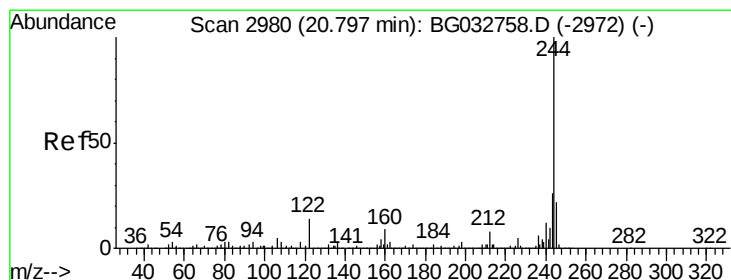
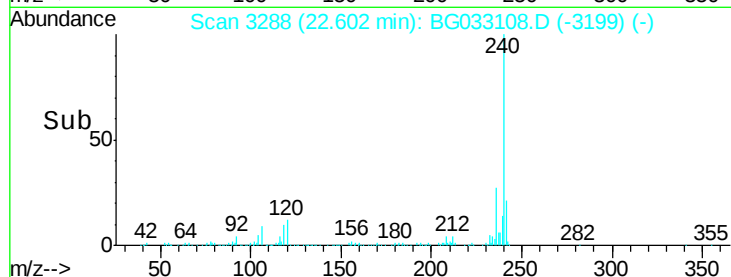
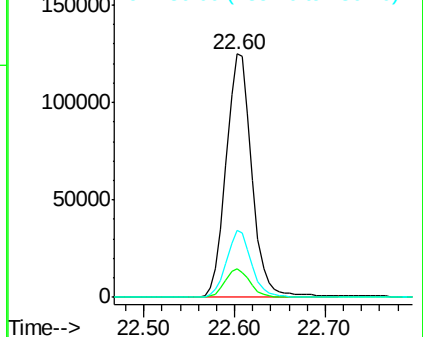
236 27.4 20.9 31.3



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: 92.152 ng

RT: 20.77 min Scan# 2976

Delta R.T. -0.00 min

Lab File: BG033108.D

Acq: 13 Mar 2018 3:30

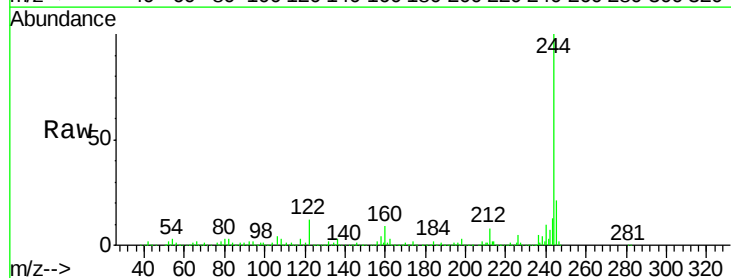
Tgt Ion:244 Resp: 1017197

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

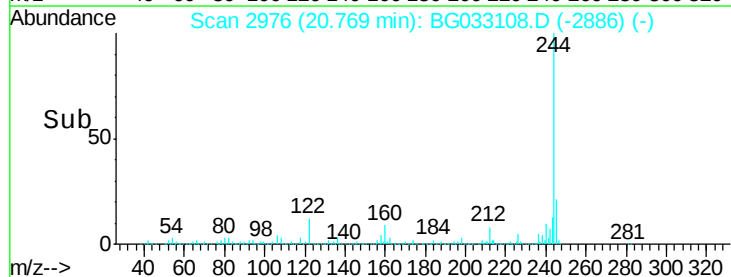
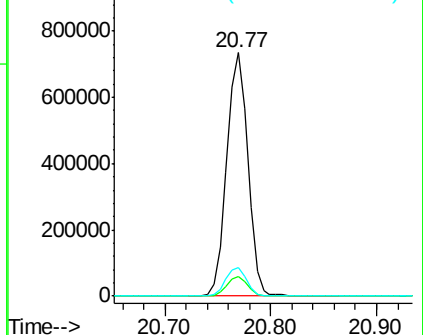
122 11.6 7.0 10.4#

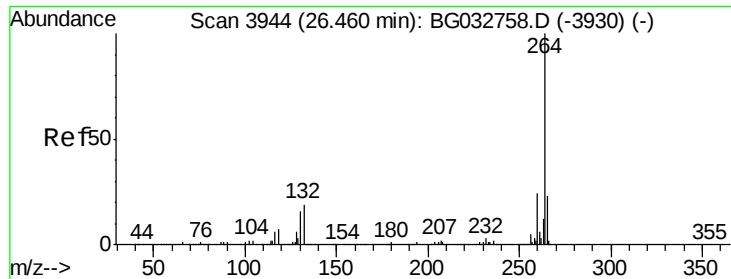


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.40 min Scan# 3935
Delta R.T. -0.01 min
Lab File: BG033108.D
Acq: 13 Mar 2018 3:30

Instrument :
BNA_G
ClientSampleId :
CPS103071

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.0
265	21.0	17.7	26.5

