

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031218\
 Data File : BG033103.D
 Acq On : 13 Mar 2018 00:21
 Operator : SJ/JU
 Sample : J1867-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CPS073071

Quant Time: Mar 13 04:23:25 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

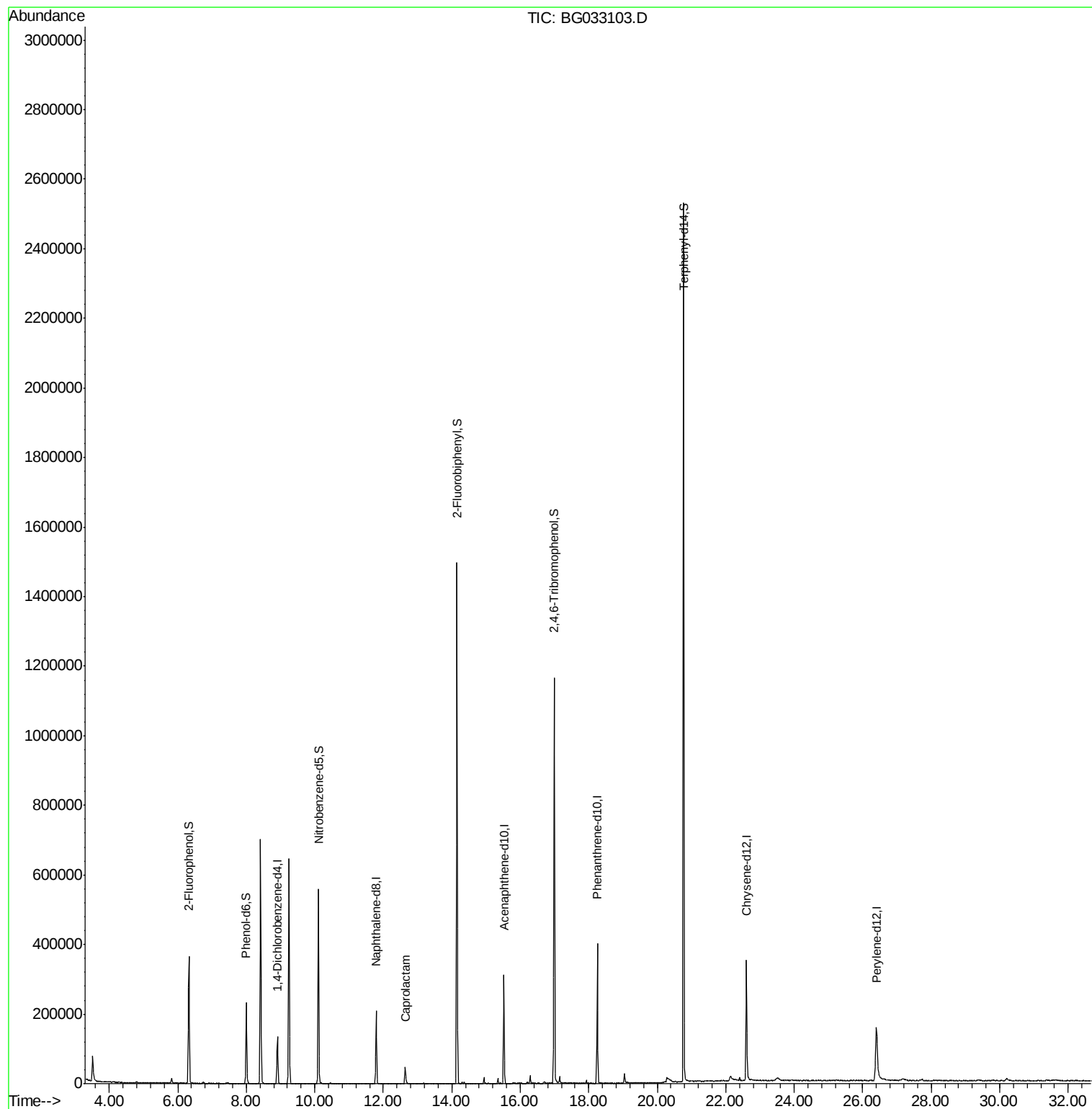
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	40276	20.00	ng	0.00
21) Naphthalene-d8	11.79	136	181872	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	105384	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	251541	20.00	ng	0.00
75) Chrysene-d12	22.60	240	241134	20.00	ng	0.00
86) Perylene-d12	26.40	264	229130	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	173711	69.00	ng	0.00
7) Phenol-d6	8.00	99	139591	39.78	ng	0.00
23) Nitrobenzene-d5	10.11	82	347721	127.12	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	212310	191.60	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	768180	105.13	ng	0.00
78) Terphenyl-d14	20.77	244	1197762	111.60	ng	0.00
Target Compounds						
35) Caprolactam	12.65	113	8783	8.715	ng	Qvalue 94

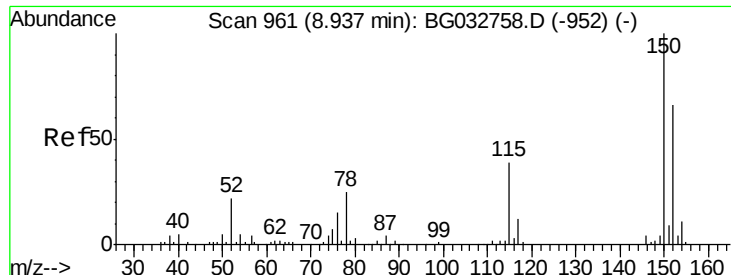
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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



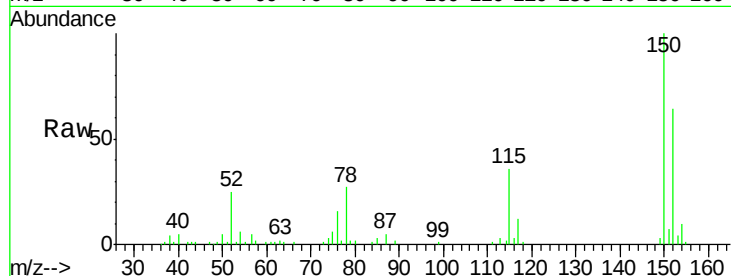


#1

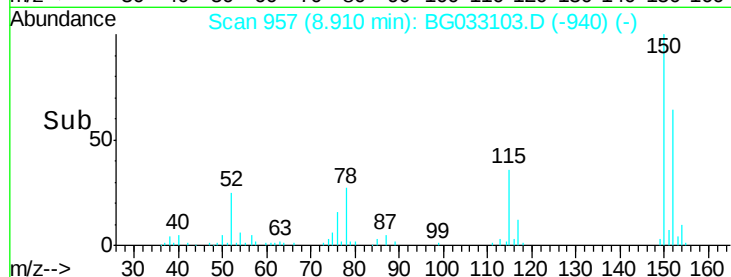
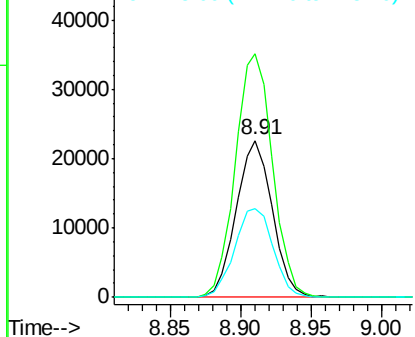
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. 0.00 min
Lab File: BG033103.D
Acq: 13 Mar 2018 00:21

Instrument :
BNA_G
ClientSampleId :
CPS073071

Tot Ion:152 Resp: 40276
Ion Ratio Lower Upper
152 100
150 155.4 126.6 189.8
115 56.7 53.0 79.4



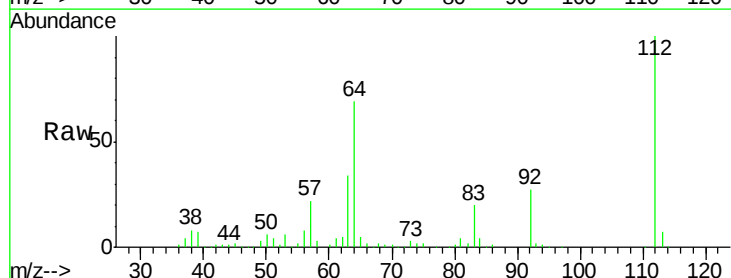
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



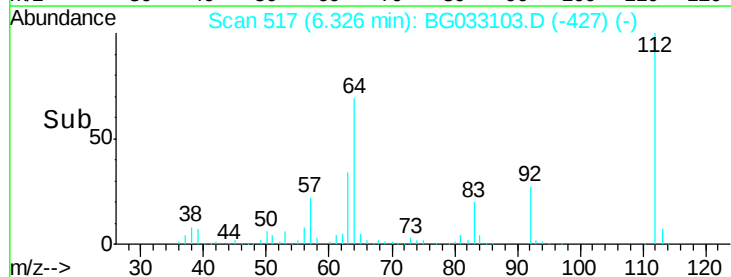
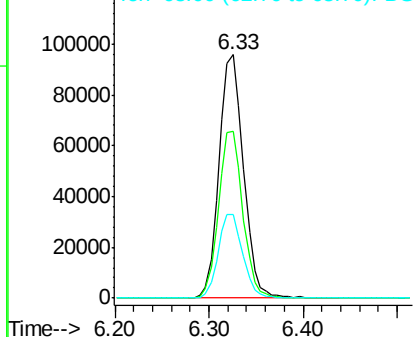
#5

2-Fluorophenol
Concen: 69.002 ng
RT: 6.33 min Scan# 517
Delta R.T. 0.00 min
Lab File: BG033103.D
Acq: 13 Mar 2018 00:21

Tgt Ion:112 Resp: 173711
Ion Ratio Lower Upper
112 100
64 68.6 56.3 84.5
63 34.5 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: 39.781 ng

RT: 8.00 min Scan# 802

Delta R.T. -0.00 min

Lab File: BG033103.D

Acq: 13 Mar 2018 00:21

Instrument :

BNA_G

ClientSampleId :

CPS073071

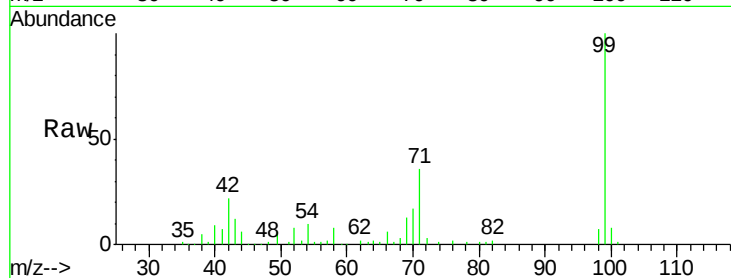
Tot Ion: 99 Resp: 139591

Ion Ratio Lower Upper

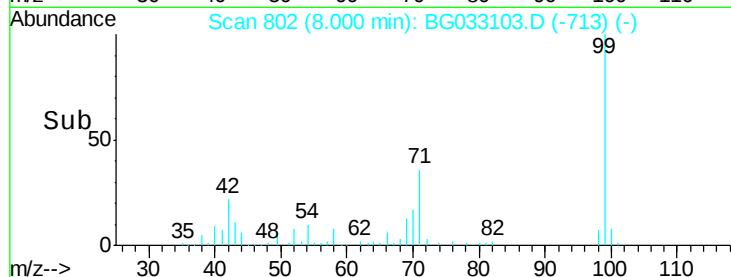
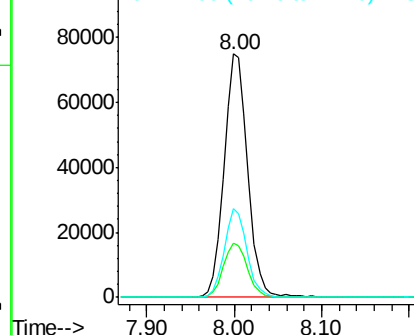
99 100

42 22.1 14.1 21.1#

71 36.3 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. -0.00 min

Lab File: BG033103.D

Acq: 13 Mar 2018 00:21

Tgt Ion: 136 Resp: 181872

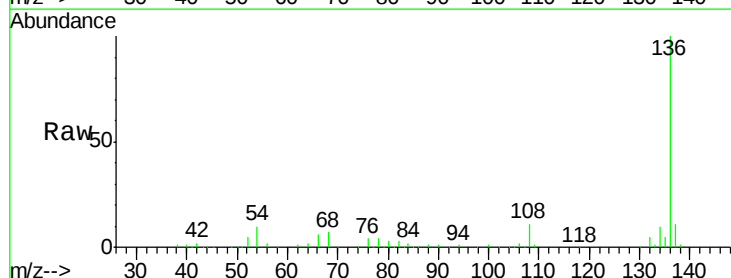
Ion Ratio Lower Upper

136 100

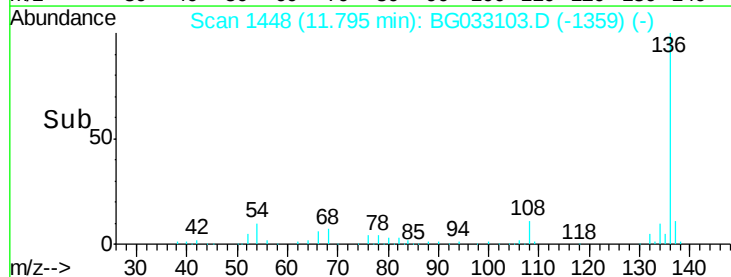
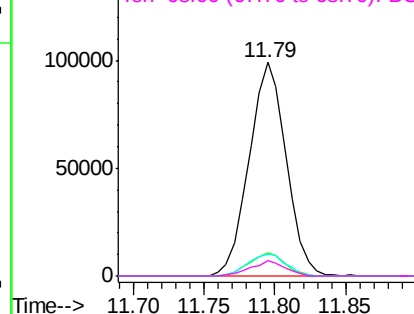
137 10.5 9.2 13.8

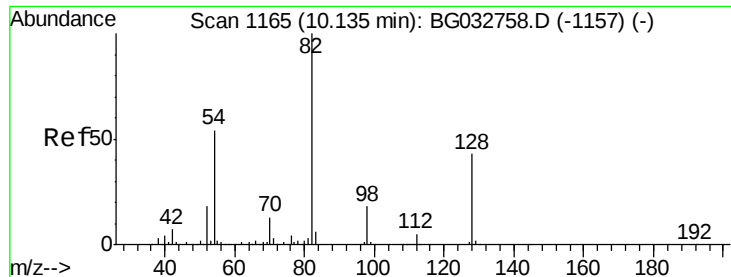
54 10.5 10.3 15.5

68 7.0 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

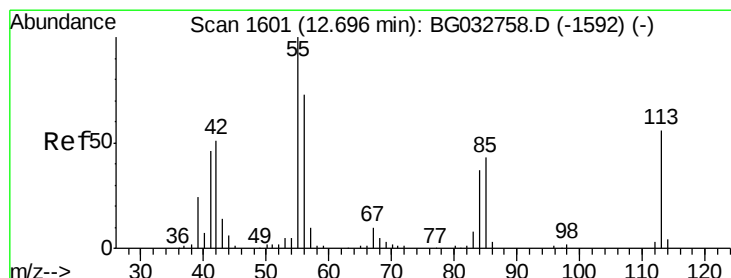
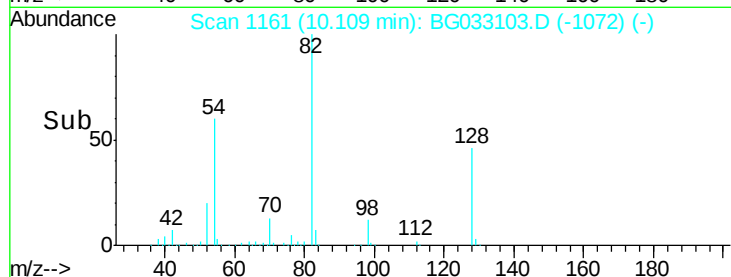
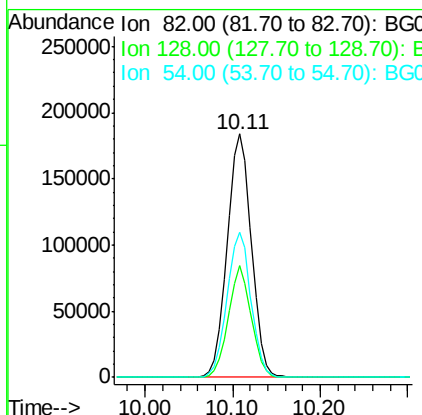
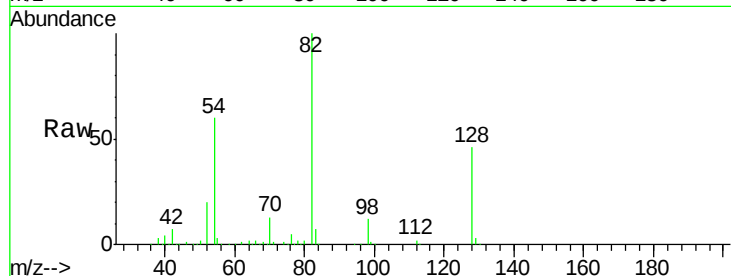




#23
 Nitrobenzene-d5
 Concen: 127.117 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BG033103.D
 Acq: 13 Mar 2018 00:21

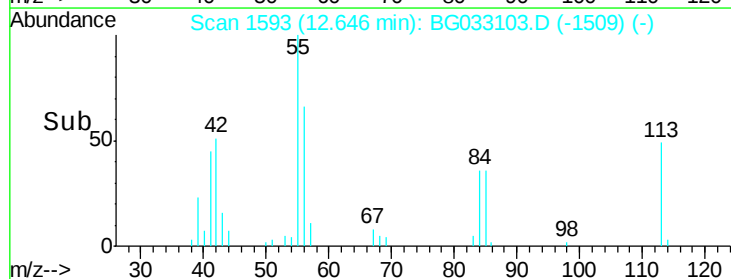
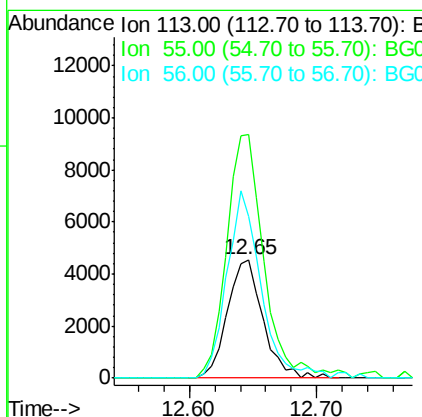
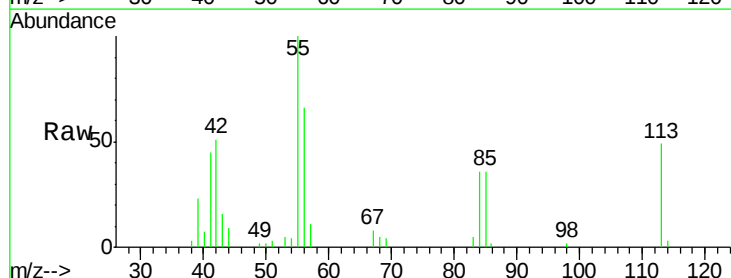
Instrument :
 BNA_G
 ClientSampleId :
 CPS073071

Tot Ion: 82 Resp: 347721
 Ion Ratio Lower Upper
 82 100
 128 46.2 29.7 44.5#
 54 59.6 43.1 64.7



#35
 Caprolactam
 Concen: 8.715 ng
 RT: 12.65 min Scan# 1593
 Delta R.T. -0.03 min
 Lab File: BG033103.D
 Acq: 13 Mar 2018 00:21

Tgt Ion: 113 Resp: 8783
 Ion Ratio Lower Upper
 113 100
 55 205.2 186.9 226.9
 56 136.0 130.9 170.9





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.52 min Scan# 2083

Delta R.T. -0.00 min

Lab File: BG033103.D

Acq: 13 Mar 2018 00:21

Instrument :

BNA_G

ClientSampleId :

CPS073071

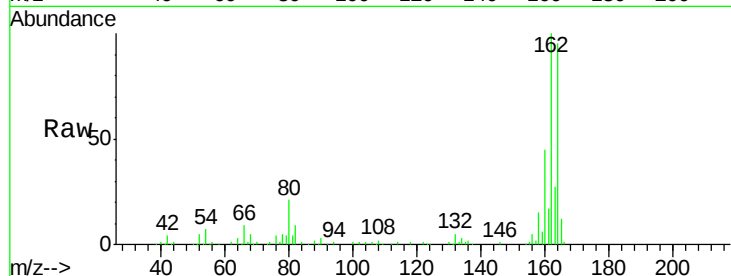
Tot Ion:164 Resp: 105384

Ion Ratio Lower Upper

164 100

162 105.0 78.8 118.2

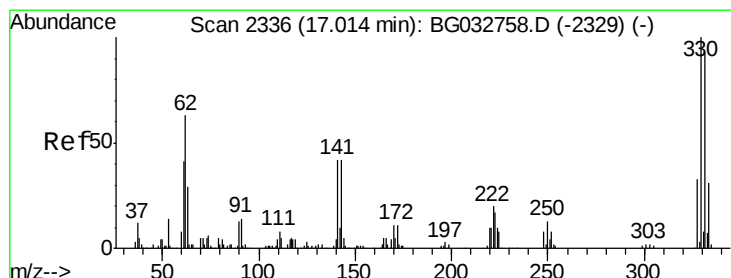
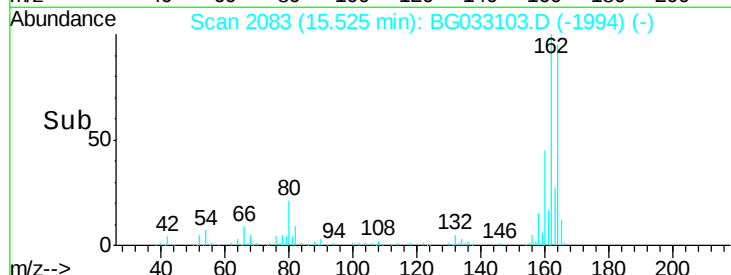
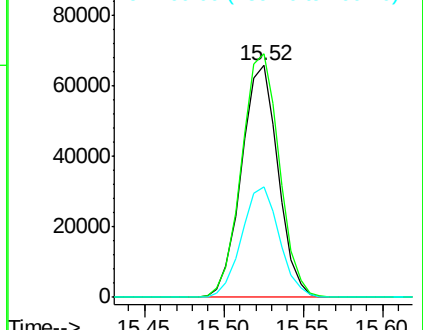
160 47.6 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 191.602 ng

RT: 16.99 min Scan# 2333

Delta R.T. -0.00 min

Lab File: BG033103.D

Acq: 13 Mar 2018 00:21

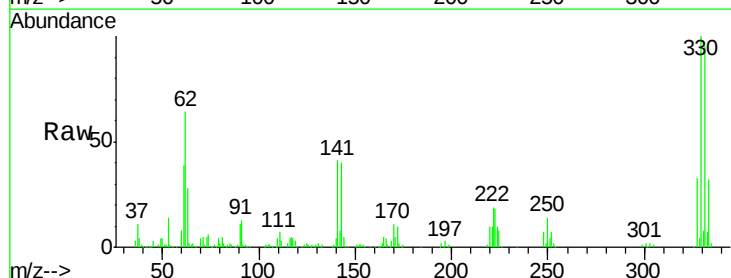
Tgt Ion:330 Resp: 212310

Ion Ratio Lower Upper

330 100

332 95.1 77.0 115.6

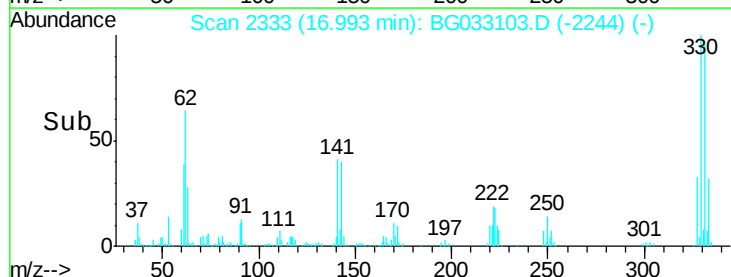
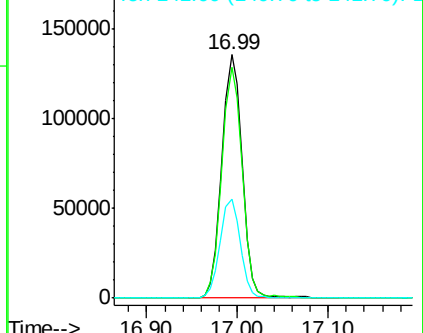
141 40.4 25.2 37.8#



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

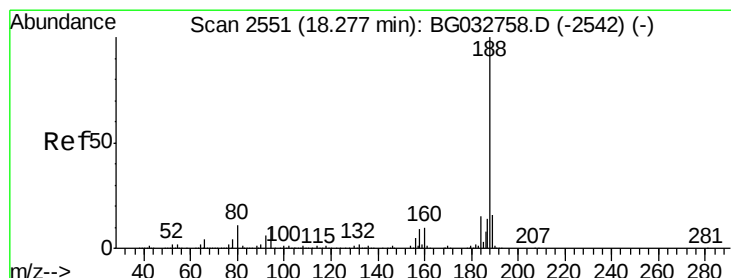
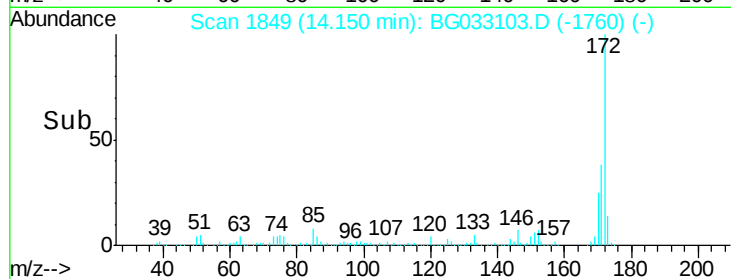
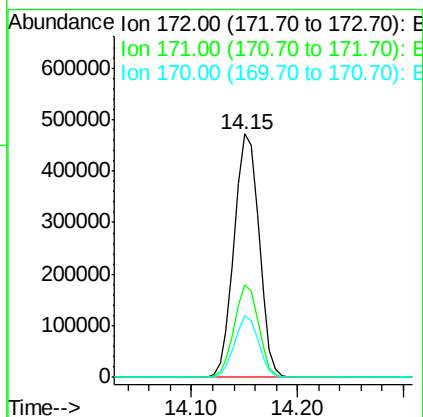
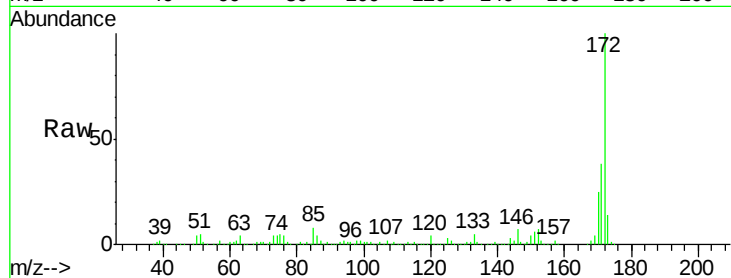




#44
2-Fluorobiphenyl
Concen: 105.131 ng
RT: 14.15 min Scan# 1849
Delta R.T. -0.00 min
Lab File: BG033103.D
Acq: 13 Mar 2018 00:21

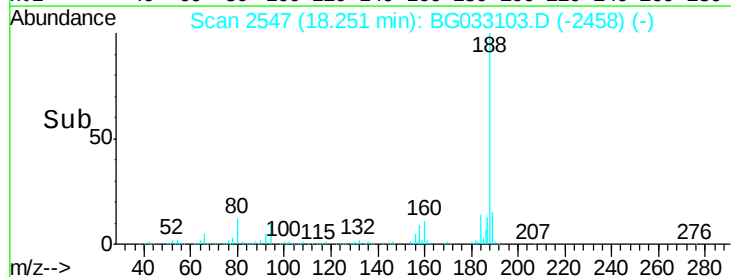
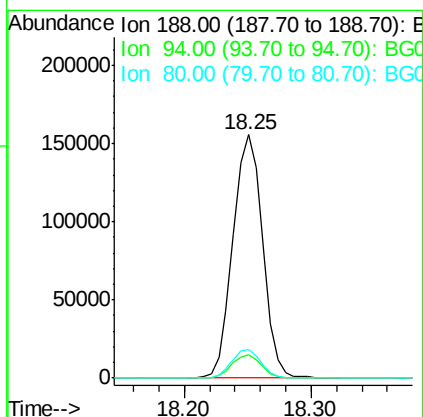
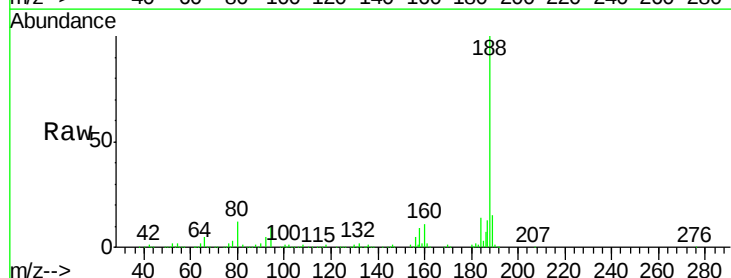
Instrument :
BNA_G
ClientSampleId :
CPS073071

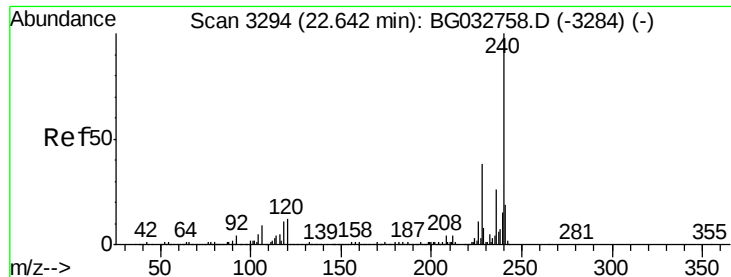
Tot Ion:172 Resp: 768180
Ion Ratio Lower Upper
172 100
171 38.1 30.0 45.0
170 25.3 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.25 min Scan# 2547
Delta R.T. -0.00 min
Lab File: BG033103.D
Acq: 13 Mar 2018 00:21

Tgt Ion:188 Resp: 251541
Ion Ratio Lower Upper
188 100
94 9.5 6.9 10.3
80 11.6 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.60 min Scan# 3288

Delta R.T. -0.00 min

Lab File: BG033103.D

Acq: 13 Mar 2018 00:21

Instrument :

BNA_G

ClientSampleId :

CPS073071

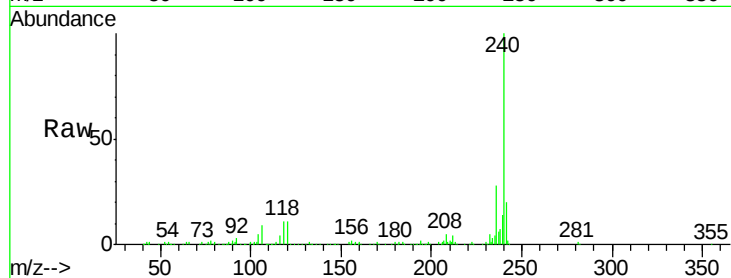
Tot Ion:240 Resp: 241134

Ion Ratio Lower Upper

240 100

120 11.3 6.8 10.2#

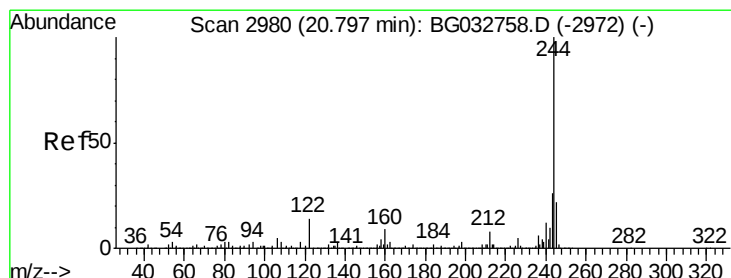
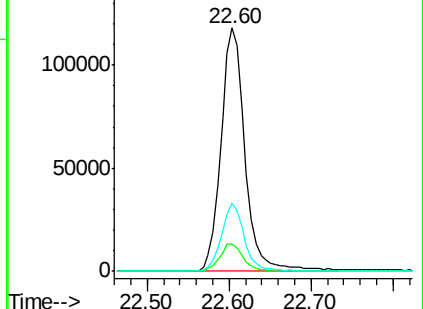
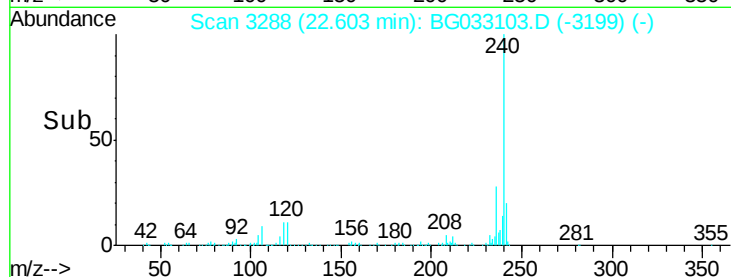
236 28.0 20.9 31.3



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: 111.600 ng

RT: 20.77 min Scan# 2976

Delta R.T. 0.00 min

Lab File: BG033103.D

Acq: 13 Mar 2018 00:21

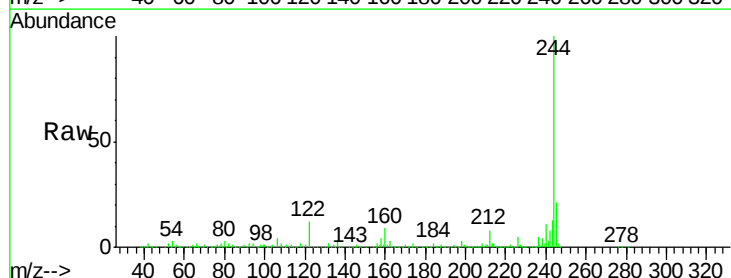
Tgt Ion:244 Resp: 1197762

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

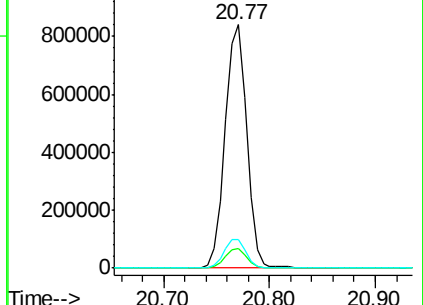
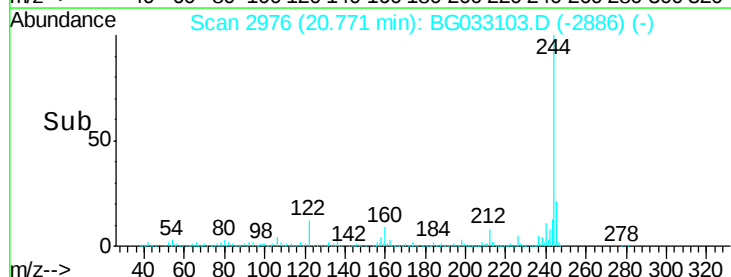
122 12.0 7.0 10.4#

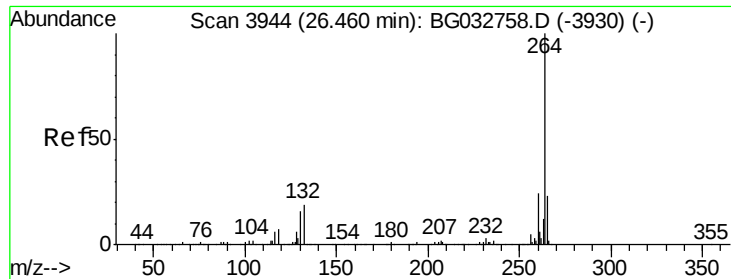


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

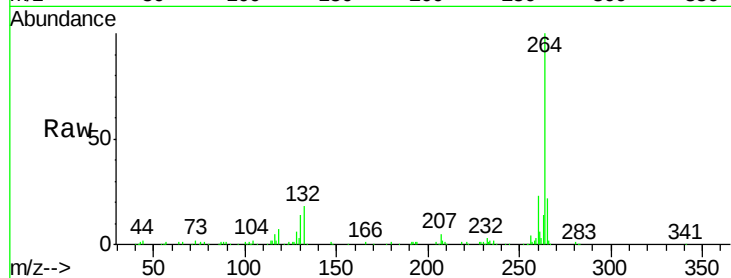




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.40 min Scan# 3935
Delta R.T. -0.00 min
Lab File: BG033103.D
Acq: 13 Mar 2018 00:21

Instrument :
BNA_G
ClientSampleId :
CPS073071

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	22.4	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

