

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030818\
 Data File : BG033067.D
 Acq On : 9 Mar 2018 8:33
 Operator : SJ/JU
 Sample : J1748-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-030618-B

Quant Time: Mar 09 10:14:01 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 17:38:59 2018
 Response via : Initial Calibration

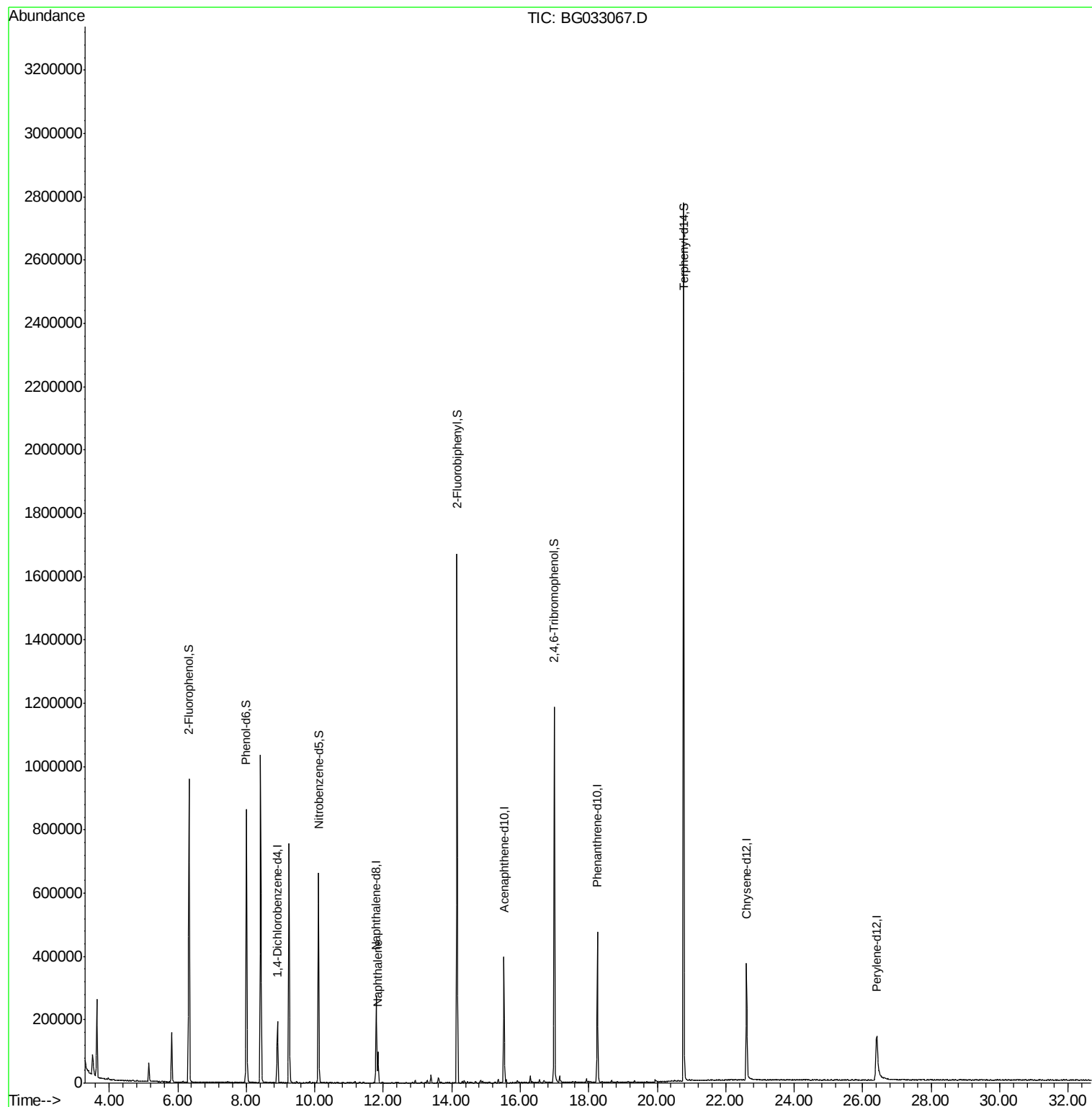
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	57257	20.00	ng	0.00
21) Naphthalene-d8	11.79	136	243278	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	131736	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	294093	20.00	ng	0.00
75) Chrysene-d12	22.61	240	277054	20.00	ng	0.00
86) Perylene-d12	26.42	264	236554	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	442104	123.53	ng	0.00
7) Phenol-d6	8.01	99	524533	105.15	ng	0.00
23) Nitrobenzene-d5	10.11	82	408569	112.87	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	213238	153.94	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	852283	93.31	ng	0.00
78) Terphenyl-d14	20.77	244	1265573	102.63	ng	0.00
Target Compounds						
31) Naphthalene	11.85	128	84779	6.669	ng	Qvalue 97

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

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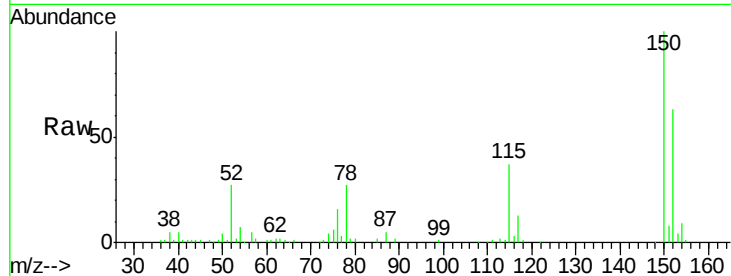


#1

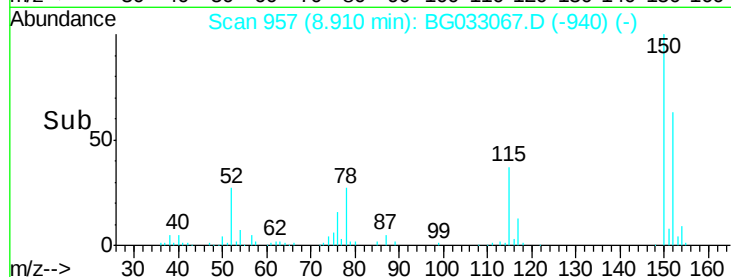
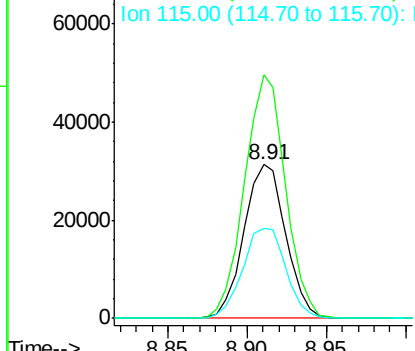
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG033067.D
Acq: 9 Mar 2018 8:33

Instrument :
BNA_G
ClientSampleId :
AU-06-030618-B

Tot Ion:152 Resp: 57257
Ion Ratio Lower Upper
152 100
150 158.7 126.6 189.8
115 58.9 53.0 79.4



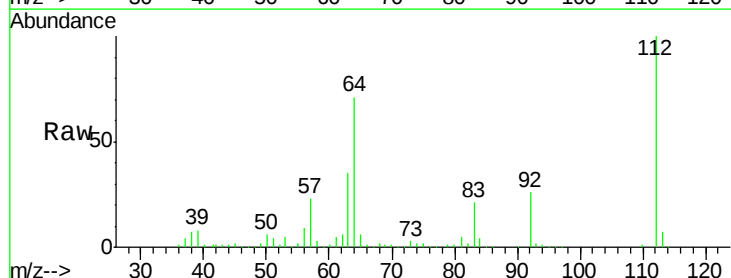
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



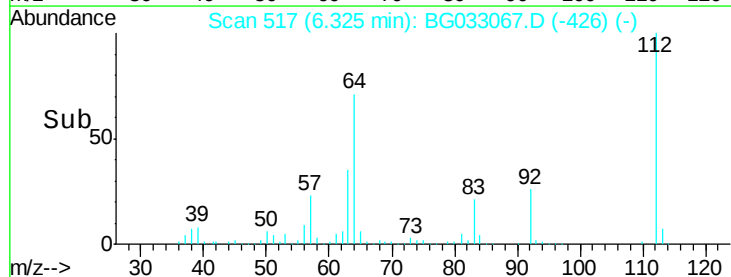
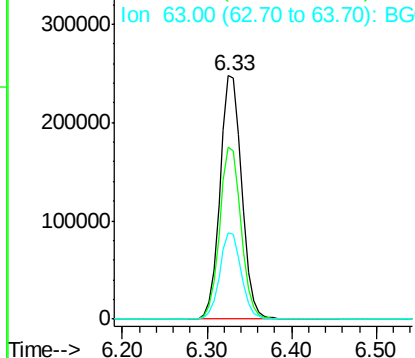
#5

2-Fluorophenol
Concen: 123.531 ng
RT: 6.33 min Scan# 517
Delta R.T. 0.00 min
Lab File: BG033067.D
Acq: 9 Mar 2018 8:33

Tgt Ion:112 Resp: 442104
Ion Ratio Lower Upper
112 100
64 70.8 56.3 84.5
63 35.4 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: 105.149 ng

RT: 8.01 min Scan# 803

Delta R.T. -0.00 min

Lab File: BG033067.D

Acq: 9 Mar 2018 8:33

Instrument :

BNA_G

ClientSampleId :

AU-06-030618-B

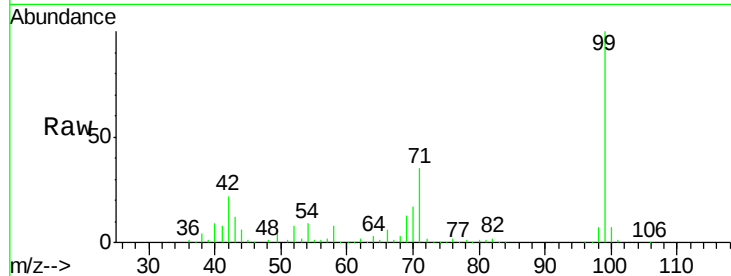
Tot Ion: 99 Resp: 524533

Ion Ratio Lower Upper

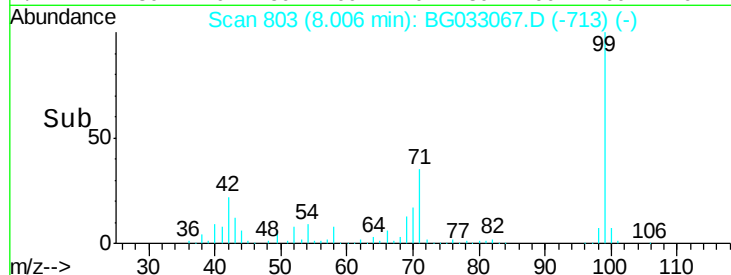
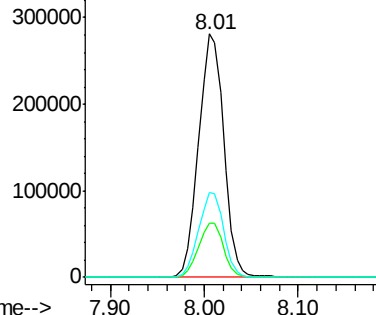
99 100

42 22.2 14.1 21.1#

71 34.8 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: 11.79 min Scan# 1448

Delta R.T. -0.00 min

Lab File: BG033067.D

Acq: 9 Mar 2018 8:33

Tgt Ion: 136 Resp: 243278

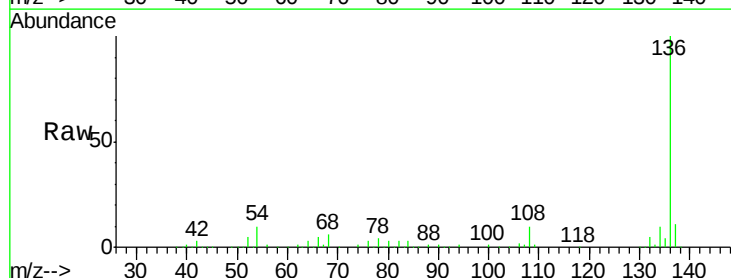
Ion Ratio Lower Upper

136 100

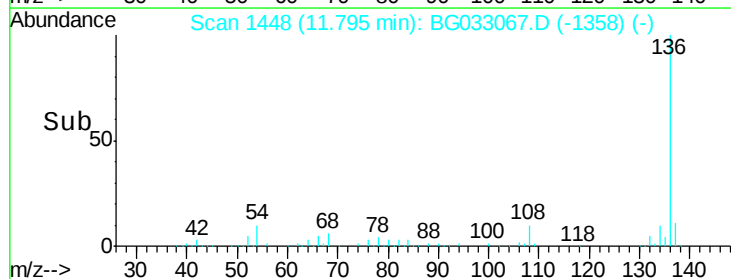
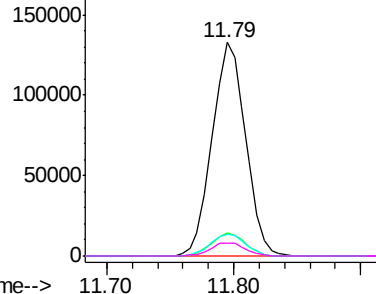
137 11.1 9.2 13.8

54 10.4 10.3 15.5

68 6.1 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

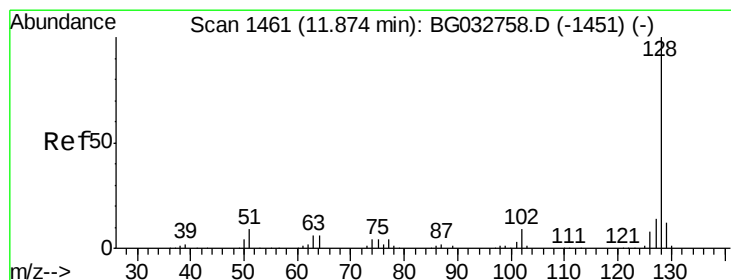
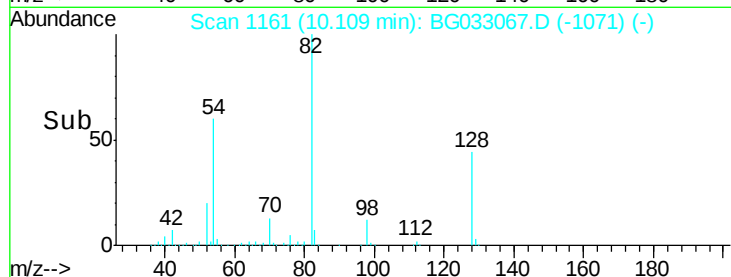
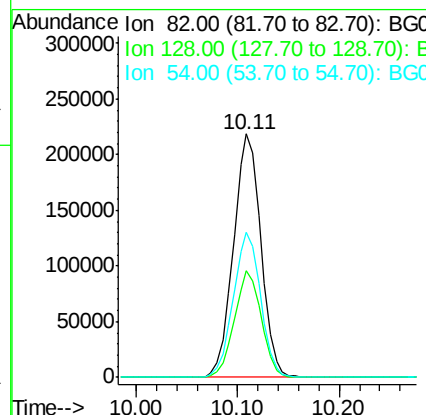
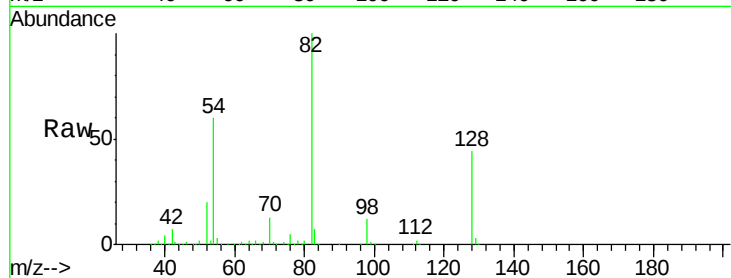




#23
 Nitrobenzene-d5
 Concen: 112.866 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BG033067.D
 Acq: 9 Mar 2018 8:33

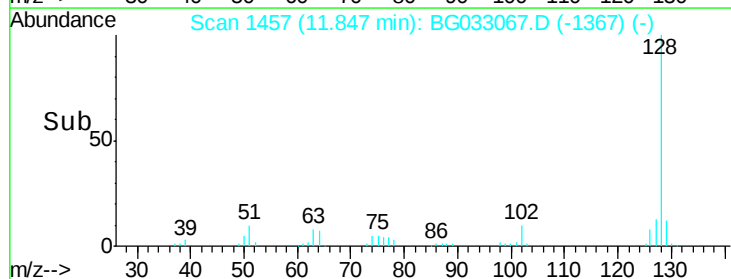
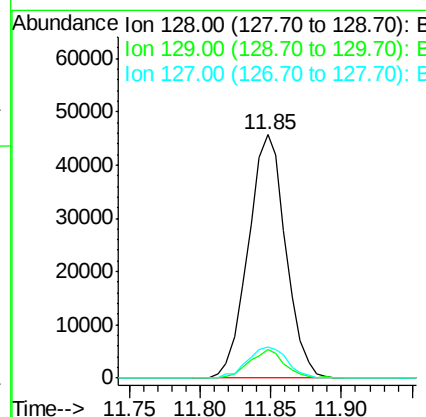
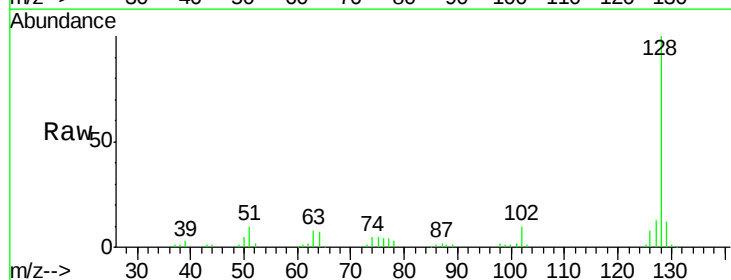
Instrument :
 BNA_G
 ClientSampleId :
 AU-06-030618-B

Tot Ion	82	Resp	408569
Ion	Ratio	Lower	Upper
82	100		
128	43.6	29.7	44.5
54	59.8	43.1	64.7



#31
 Naphthalene
 Concen: 6.669 ng
 RT: 11.85 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: BG033067.D
 Acq: 9 Mar 2018 8:33

Tgt Ion	128	Resp	84779
Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.6	12.8
127	13.0	11.6	17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.52 min Scan# 2083

Delta R.T. -0.00 min

Lab File: BG033067.D

Acq: 9 Mar 2018 8:33

Instrument :

BNA_G

ClientSampleId :

AU-06-030618-B

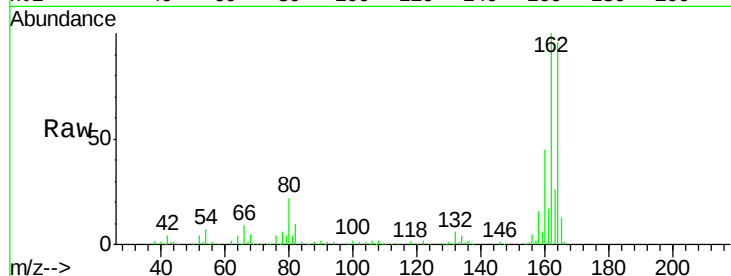
Tot Ion:164 Resp: 131736

Ion Ratio Lower Upper

164 100

162 104.1 78.8 118.2

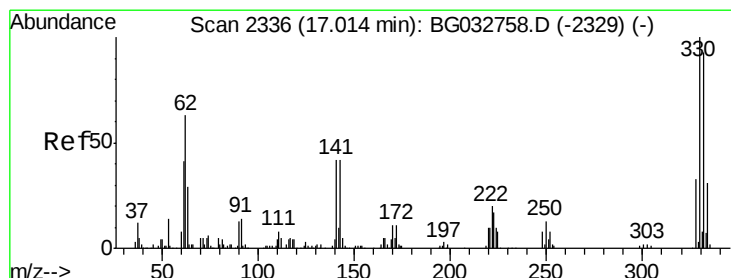
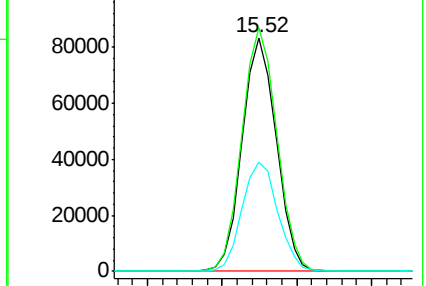
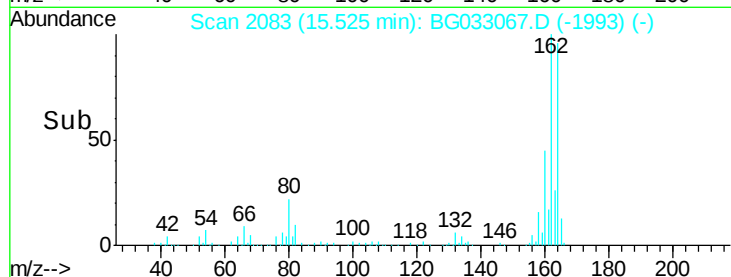
160 46.9 35.4 53.0



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: 153.945 ng

RT: 17.00 min Scan# 2334

Delta R.T. 0.00 min

Lab File: BG033067.D

Acq: 9 Mar 2018 8:33

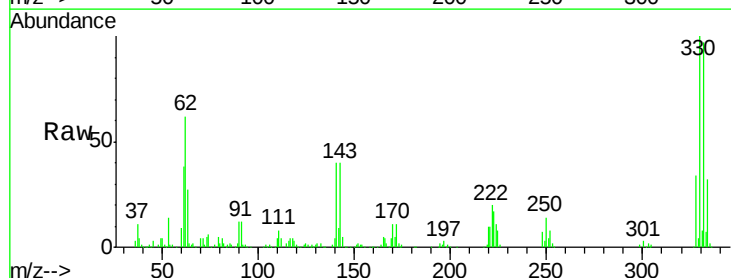
Tgt Ion:330 Resp: 213238

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.6

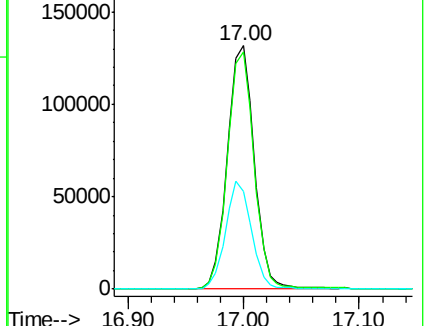
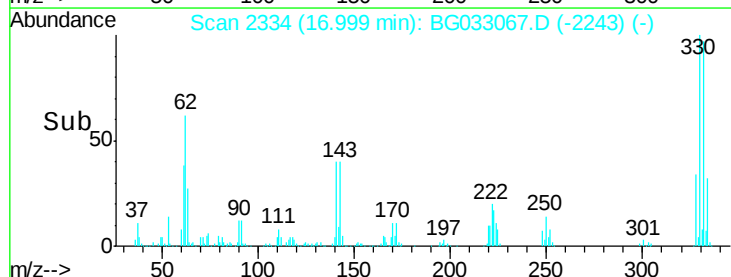
141 42.9 25.2 37.8#



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

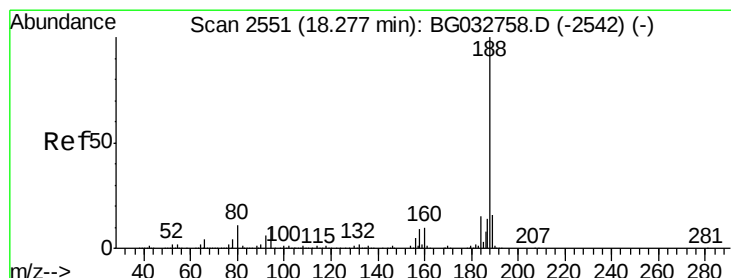
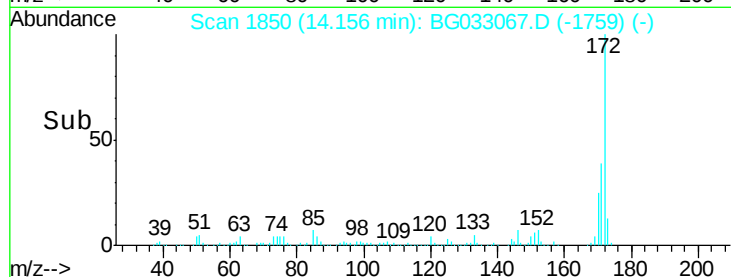
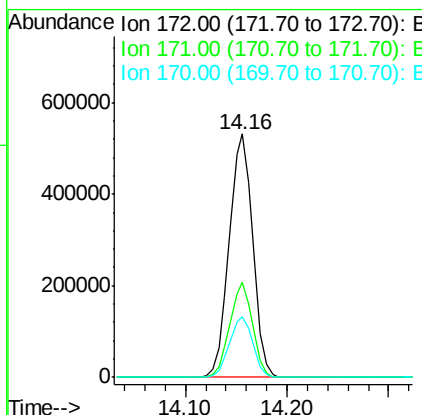
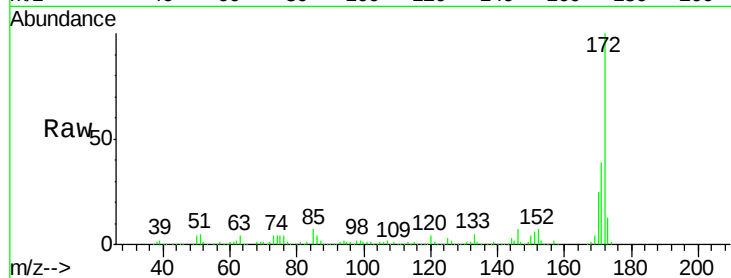




#44
 2-Fluorobiphenyl
 Concen: 93.308 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BG033067.D
 Acq: 9 Mar 2018 8:33

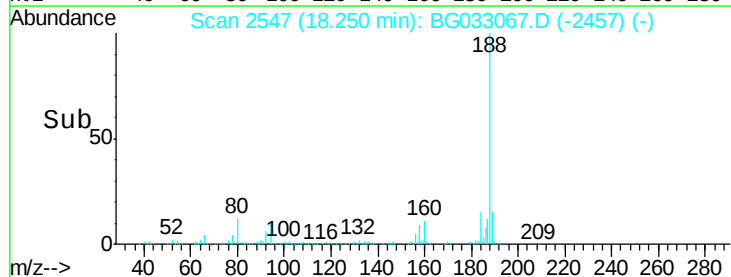
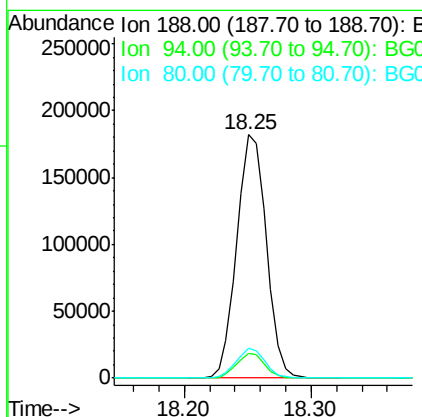
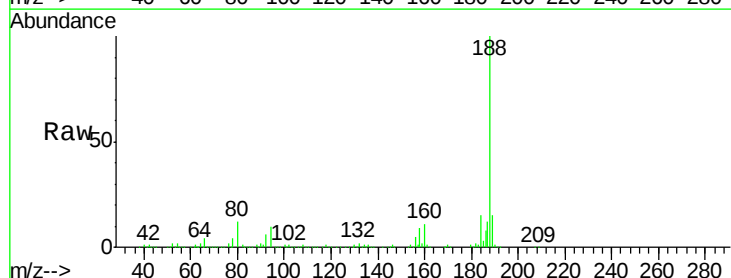
Instrument :
 BNA_G
 ClientSampleId :
 AU-06-030618-B

Tot Ion:172 Resp: 852283
 Ion Ratio Lower Upper
 172 100
 171 38.9 30.0 45.0
 170 25.1 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: BG033067.D
 Acq: 9 Mar 2018 8:33

Tgt Ion:188 Resp: 294093
 Ion Ratio Lower Upper
 188 100
 94 10.1 6.9 10.3
 80 12.1 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.61 min Scan# 3289

Delta R.T. -0.00 min

Lab File: BG033067.D

Acq: 9 Mar 2018 8:33

Instrument :

BNA_G

ClientSampleId :

AU-06-030618-B

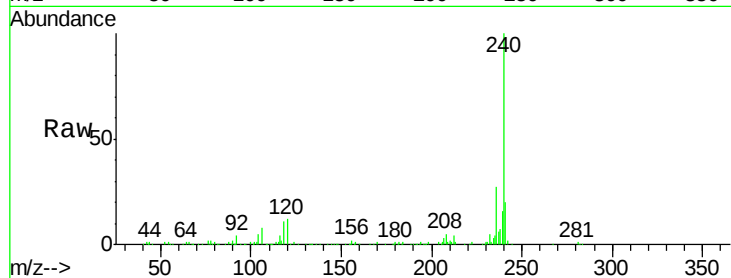
Tot Ion:240 Resp: 277054

Ion Ratio Lower Upper

240 100

120 12.2 6.8 10.2#

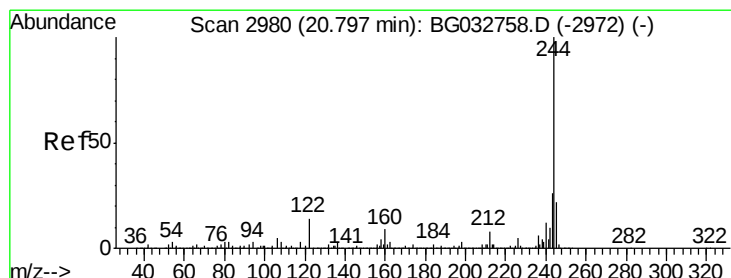
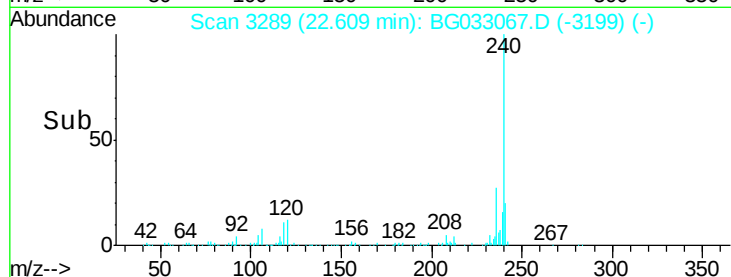
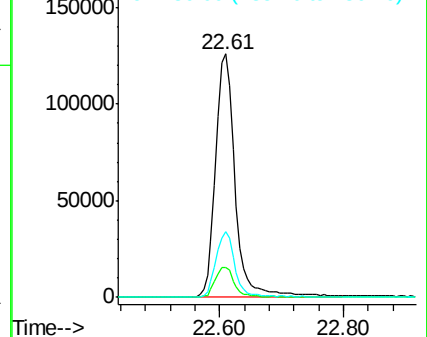
236 27.0 20.9 31.3



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: 102.630 ng

RT: 20.77 min Scan# 2976

Delta R.T. 0.00 min

Lab File: BG033067.D

Acq: 9 Mar 2018 8:33

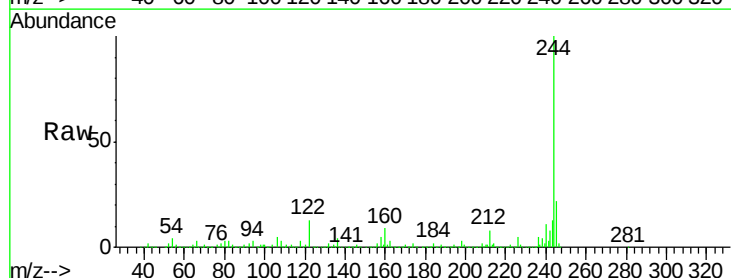
Tgt Ion:244 Resp: 1265573

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

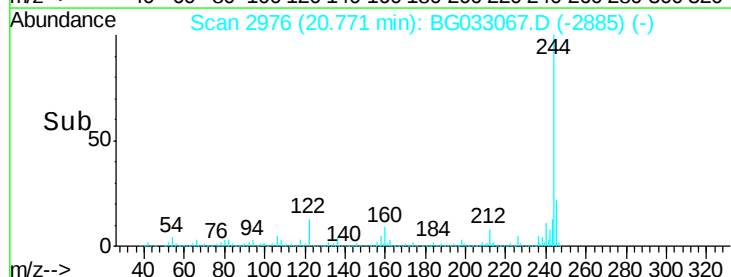
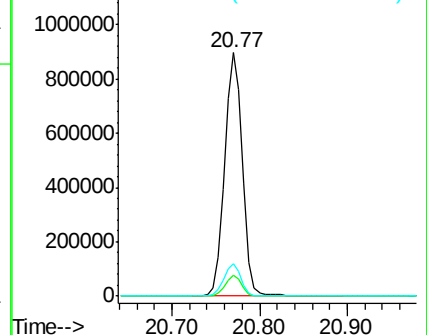
122 13.2 7.0 10.4#

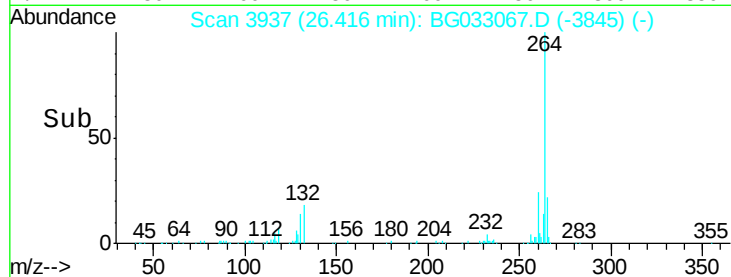
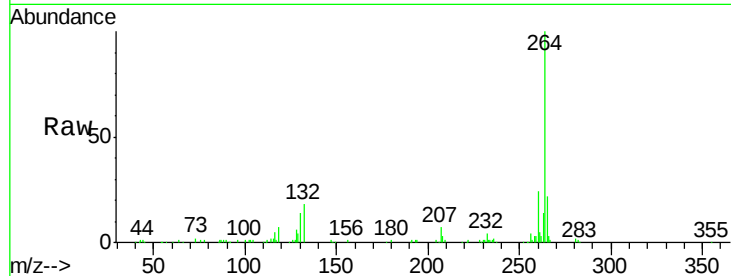
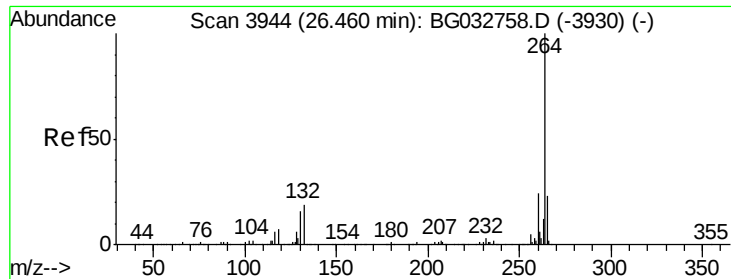


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.42 min Scan# 3937

Delta R.T. 0.01 min

Lab File: BG033067.D

Acq: 9 Mar 2018 8:33

Instrument :

BNA_G

ClientSampleId :

AU-06-030618-B

Tot Ion:264 Resp: 236554

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 21.8 17.7 26.5

