

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032218\
 Data File : BG033295.D
 Acq On : 22 Mar 2018 15:27
 Operator : SJ/JU
 Sample : J1756-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-032018-A

Quant Time: Mar 22 17:58:51 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 22 17:32:09 2018
 Response via : Initial Calibration

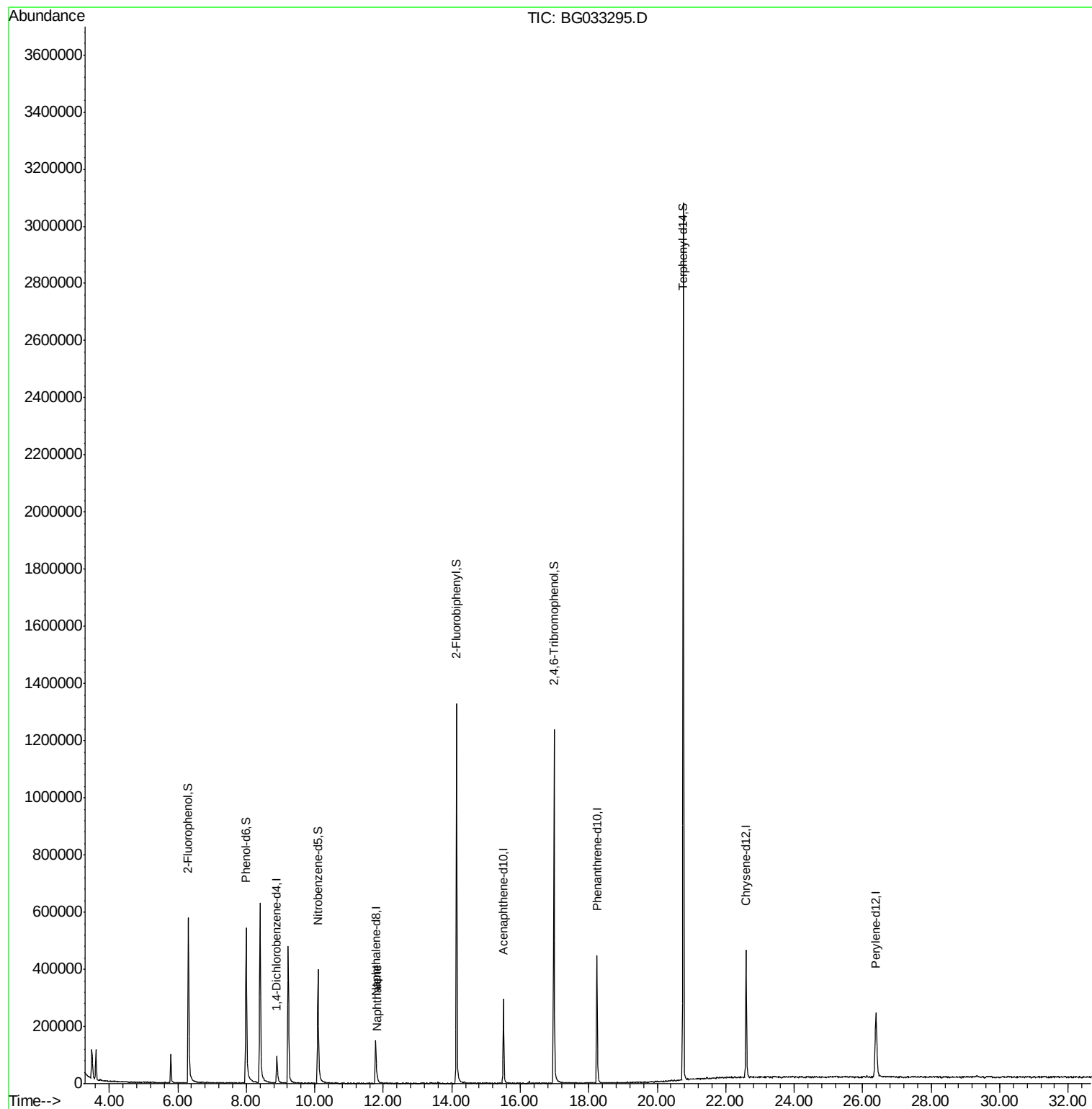
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	35914	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	145197	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	115893	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	325825	20.00	ng	0.00
75) Chrysene-d12	22.59	240	330159	20.00	ng	0.00
86) Perylene-d12	26.38	264	330478	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	279127	145.74	ng	0.00
7) Phenol-d6	7.99	99	398404	121.06	ng	0.00
23) Nitrobenzene-d5	10.09	82	327096	103.50	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	259413	149.66	ng	0.00
44) 2-Fluorobiphenyl	14.13	172	783281	97.57	ng	0.00
78) Terphenyl-d14	20.76	244	1575602	102.06	ng	0.00
Target Compounds						
31) Naphthalene	11.82	128	16520	2.196	ng	Qvalue # 95

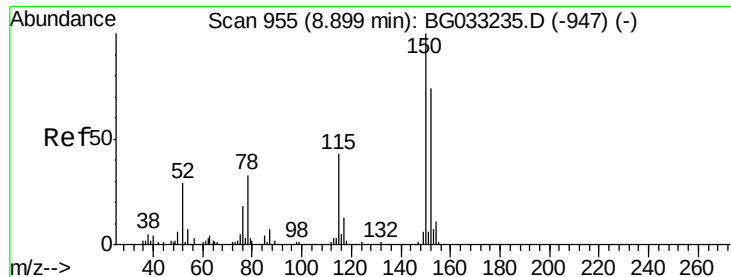
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.89 min Scan# 954

Delta R.T. -0.00 min

Lab File: BG033295.D

Acq: 22 Mar 2018 15:27

Instrument :

BNA_G

ClientSampleId :

OR-03-032018-A

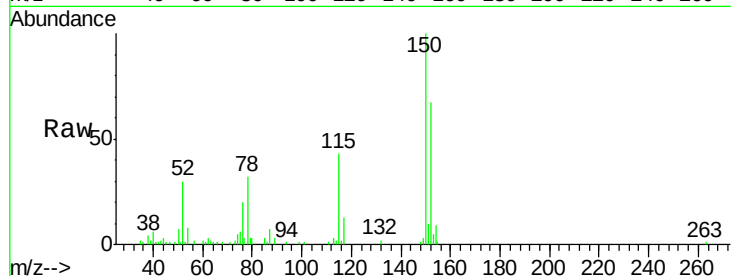
Tot Ion:152 Resp: 35914

Ion Ratio Lower Upper

152 100

150 149.5 126.6 189.8

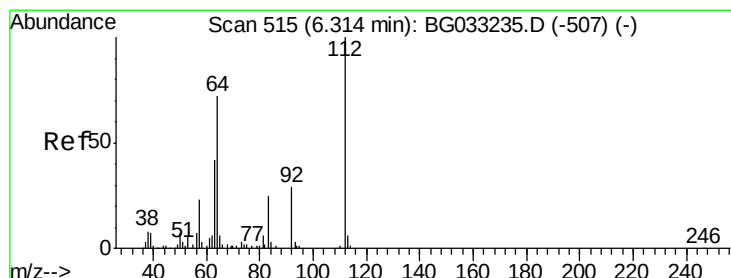
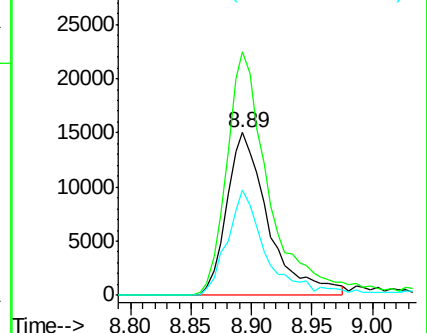
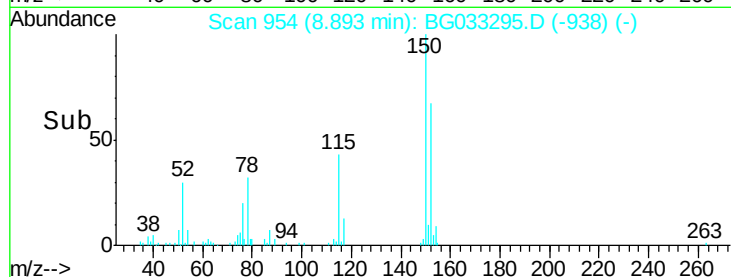
115 64.5 53.0 79.4



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: 145.736 ng

RT: 6.31 min Scan# 514

Delta R.T. -0.00 min

Lab File: BG033295.D

Acq: 22 Mar 2018 15:27

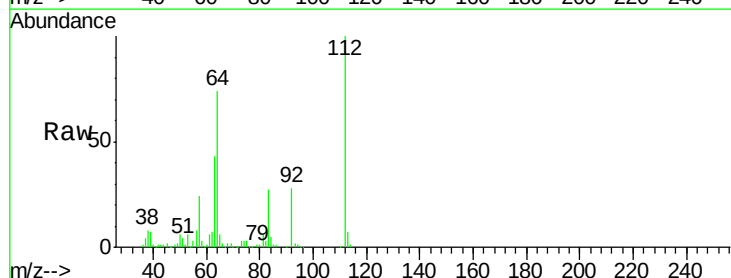
Tgt Ion:112 Resp: 279127

Ion Ratio Lower Upper

112 100

64 73.9 56.3 84.5

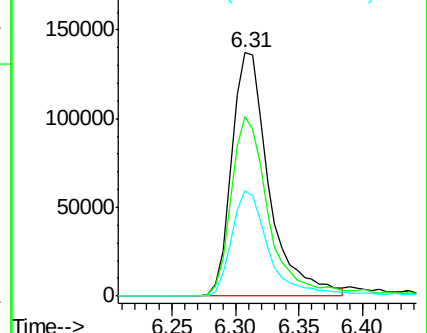
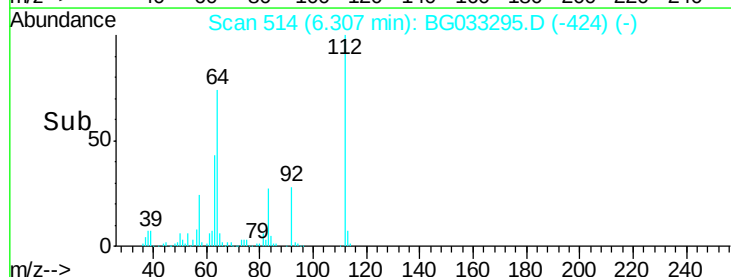
63 43.3 30.1 45.1

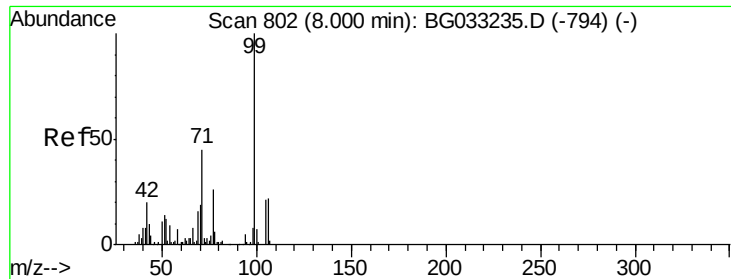


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 121.064 ng

RT: 7.99 min Scan# 801

Delta R.T. -0.00 min

Lab File: BG033295.D

Acq: 22 Mar 2018 15:27

Instrument :

BNA_G

ClientSampleId :

OR-03-032018-A

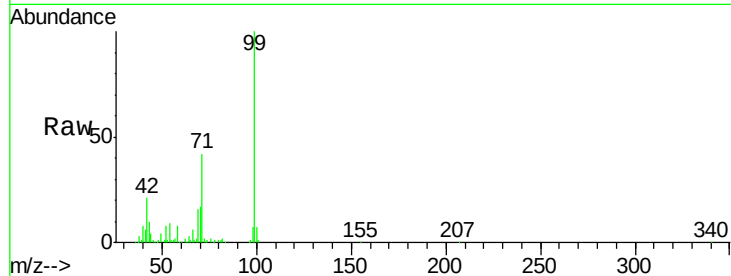
Tot Ion: 99 Resp: 398404

Ion Ratio Lower Upper

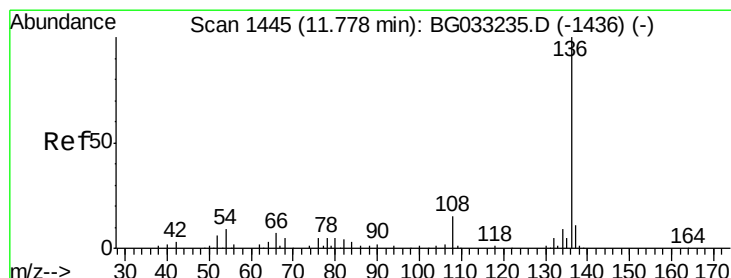
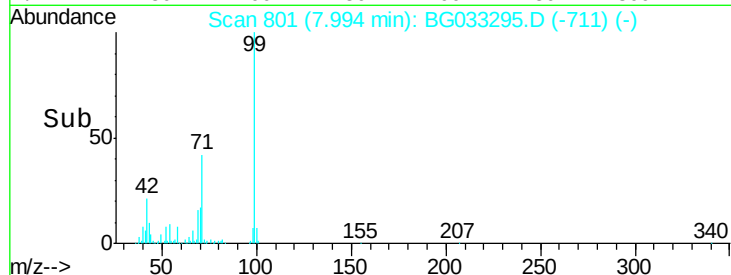
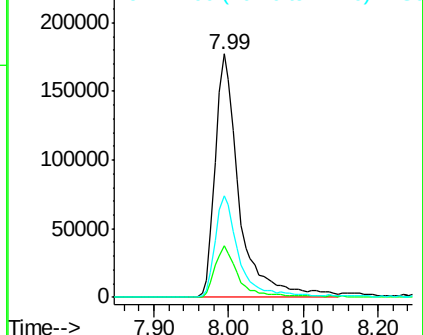
99 100

42 21.5 14.1 21.1#

71 41.6 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: 11.78 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BG033295.D

Acq: 22 Mar 2018 15:27

Tgt Ion: 136 Resp: 145197

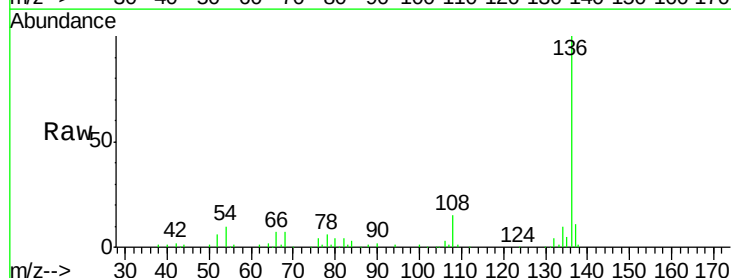
Ion Ratio Lower Upper

136 100

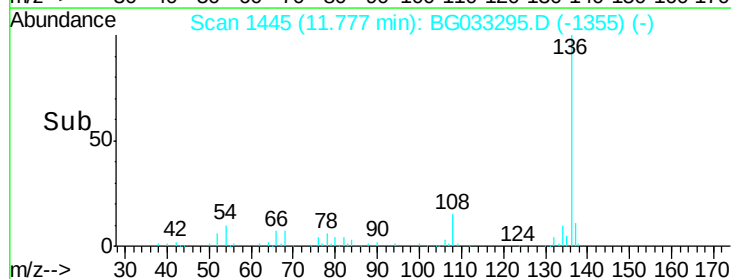
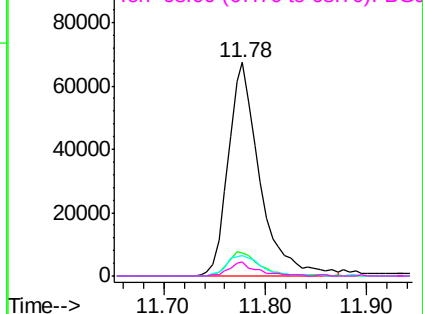
137 10.7 9.2 13.8

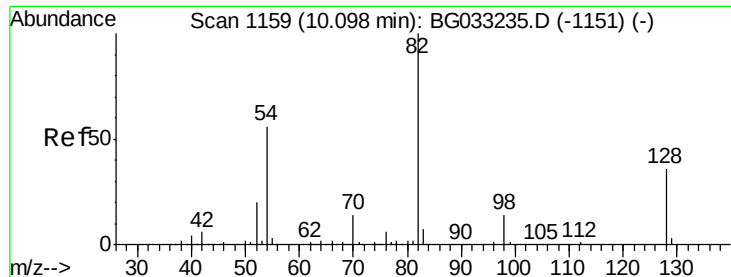
54 9.7 10.3 15.5#

68 6.8 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: 103.502 ng

RT: 10.09 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BG033295.D

Acq: 22 Mar 2018 15:27

Instrument :

BNA_G

ClientSampleId :

OR-03-032018-A

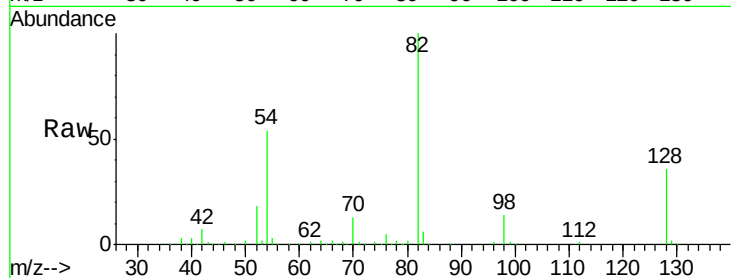
Tot Ion: 82 Resp: 327096

Ion Ratio Lower Upper

82 100

128 35.6 29.7 44.5

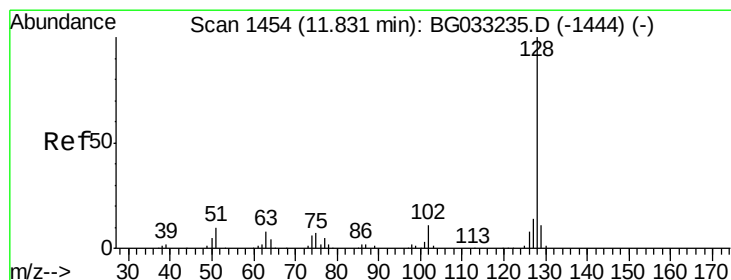
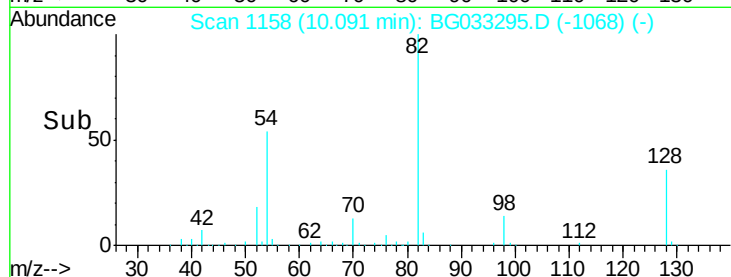
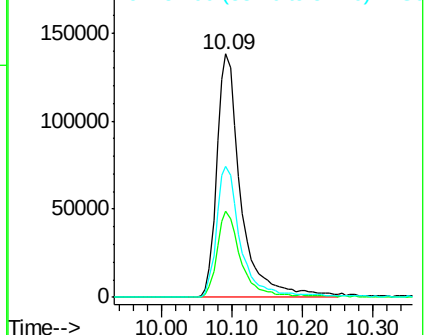
54 53.8 43.1 64.7



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



#31

Naphthalene

Concen: 2.196 ng

RT: 11.82 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BG033295.D

Acq: 22 Mar 2018 15:27

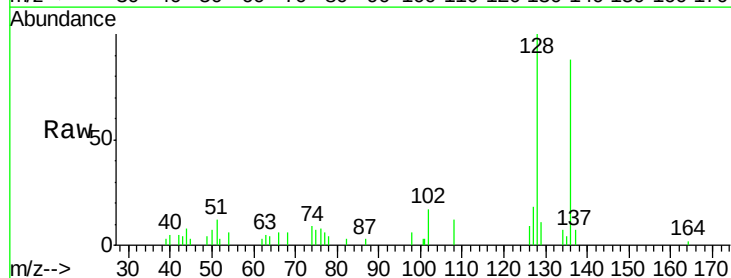
Tgt Ion: 128 Resp: 16520

Ion Ratio Lower Upper

128 100

129 10.8 8.6 12.8

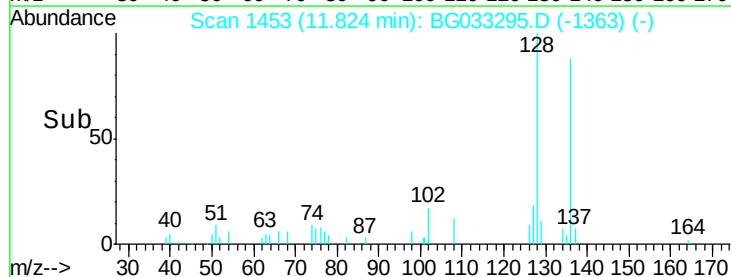
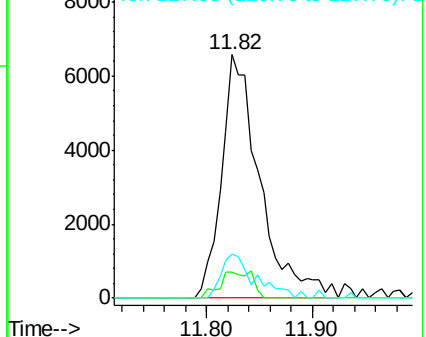
127 18.2 11.6 17.4#

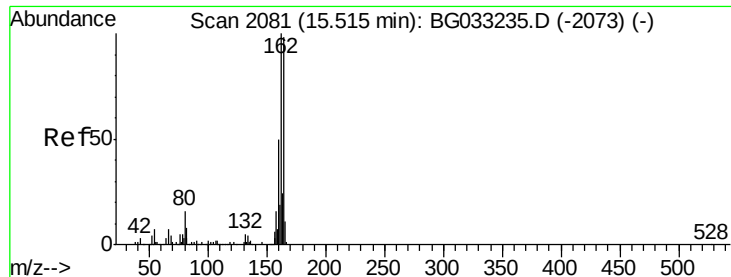


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 129.00 (128.70 to 129.70): BGC

Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.51 min Scan# 2080

Delta R.T. -0.00 min

Lab File: BG033295.D

Acq: 22 Mar 2018 15:27

Instrument :

BNA_G

ClientSampleId :

OR-03-032018-A

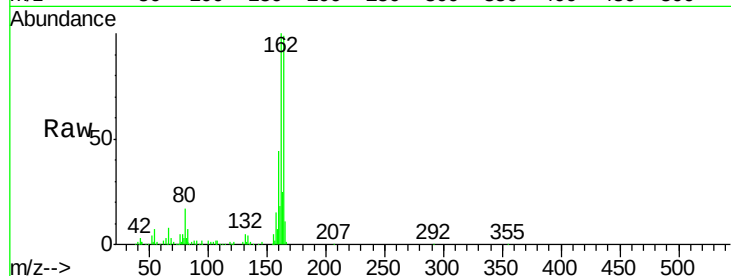
Tot Ion:164 Resp: 115893

Ion Ratio Lower Upper

164 100

162 100.8 78.8 118.2

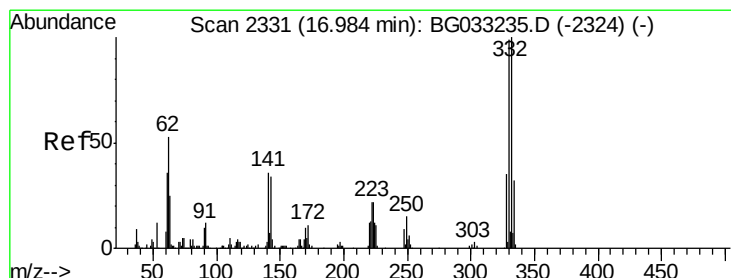
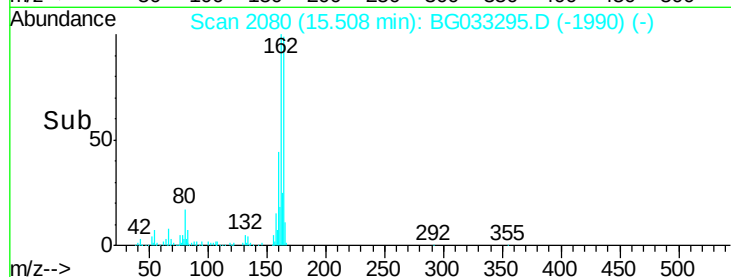
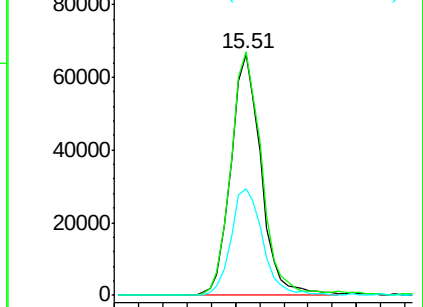
160 44.2 35.4 53.0



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: 149.663 ng

RT: 16.98 min Scan# 2331

Delta R.T. -0.00 min

Lab File: BG033295.D

Acq: 22 Mar 2018 15:27

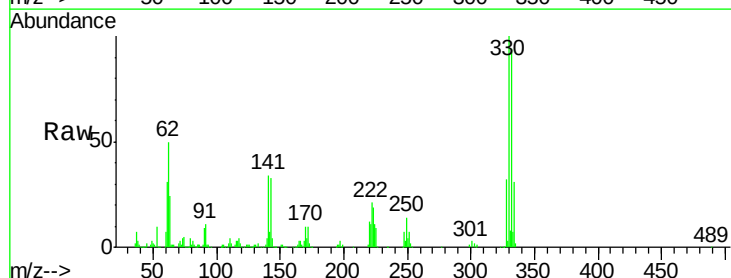
Tgt Ion:330 Resp: 259413

Ion Ratio Lower Upper

330 100

332 94.8 77.0 115.6

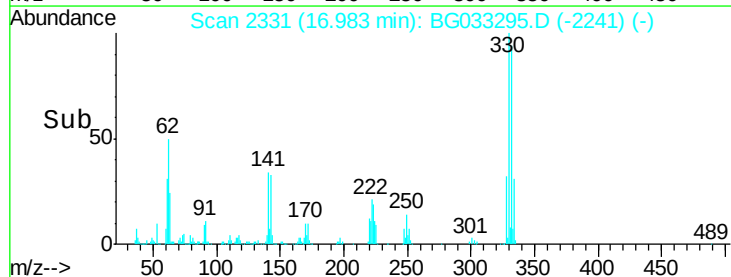
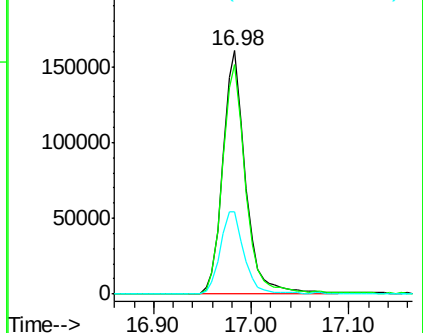
141 35.7 25.2 37.8

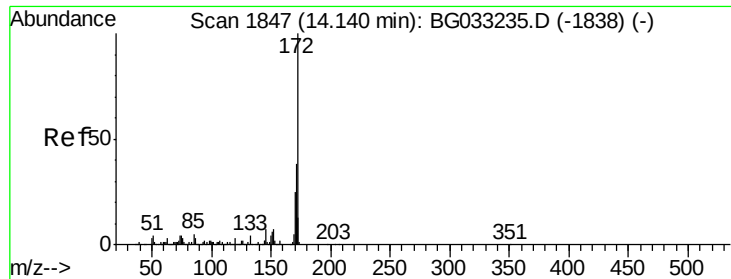


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

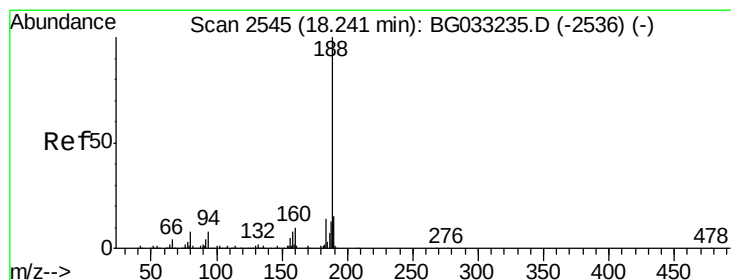
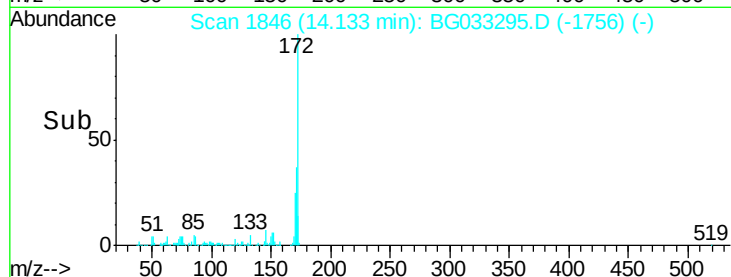
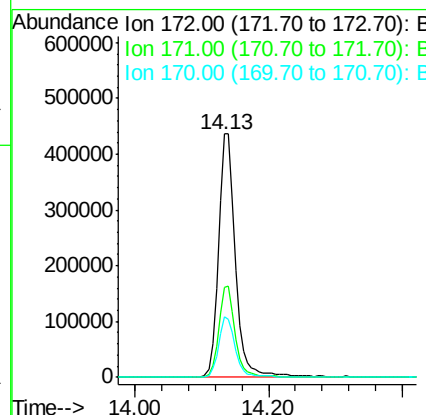
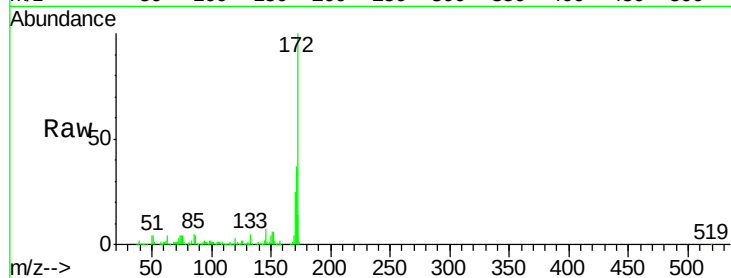




#44
 2-Fluorobiphenyl
 Concen: 97.570 ng
 RT: 14.13 min Scan# 1846
 Delta R.T. -0.00 min
 Lab File: BG033295.D
 Acq: 22 Mar 2018 15:27

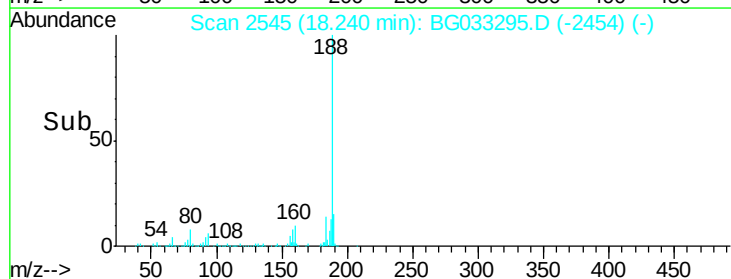
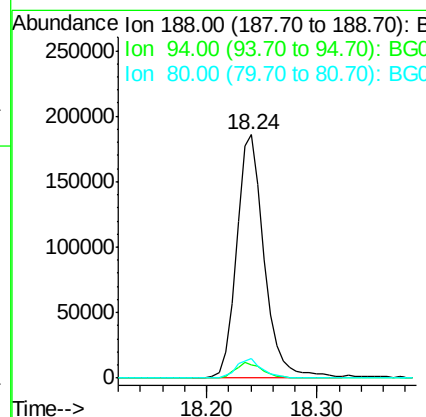
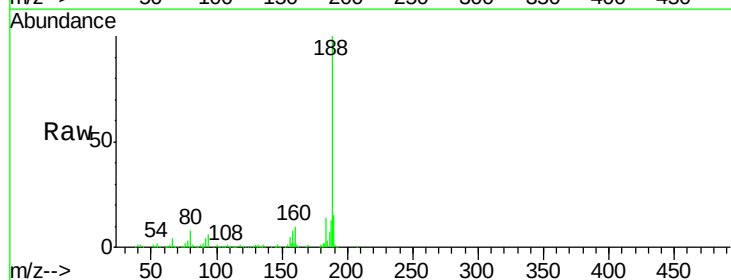
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-032018-A

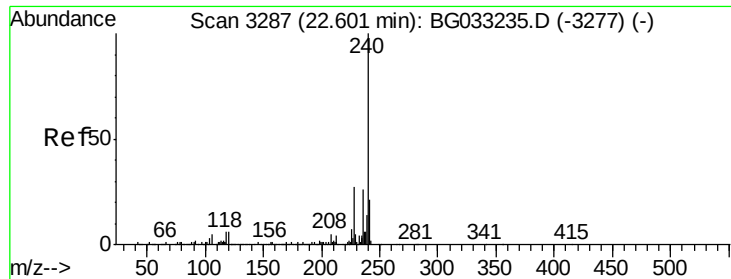
Tot Ion:172 Resp: 783281
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.0 45.0
 170 25.1 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.24 min Scan# 2545
 Delta R.T. 0.00 min
 Lab File: BG033295.D
 Acq: 22 Mar 2018 15:27

Tgt Ion:188 Resp: 325825
 Ion Ratio Lower Upper
 188 100
 94 5.6 6.9 10.3#
 80 7.9 7.7 11.5

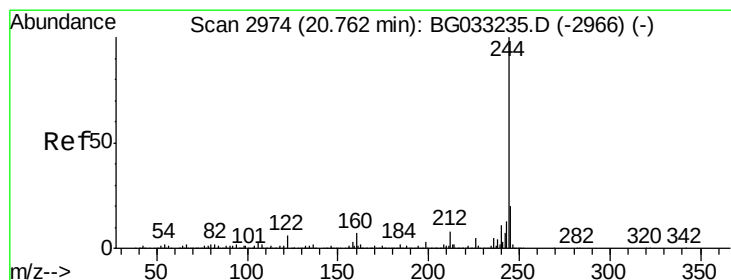
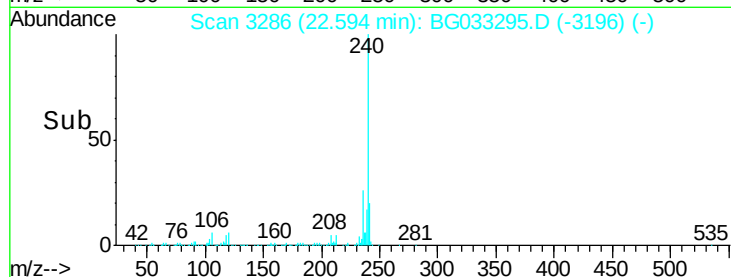
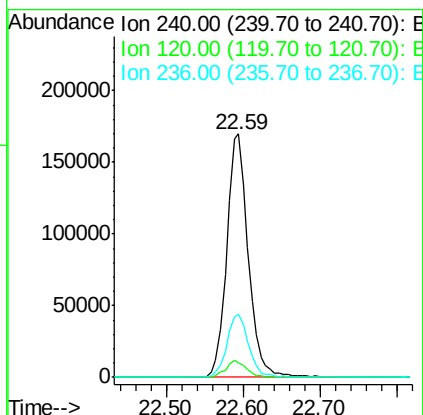
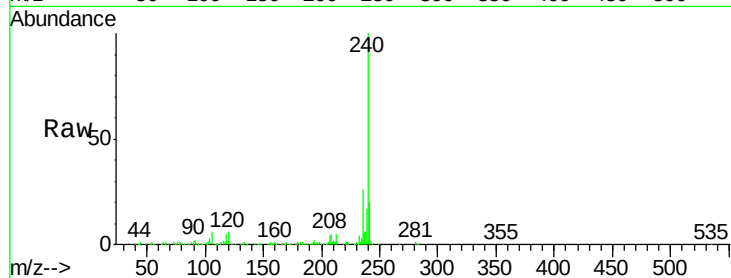




#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.59 min Scan# 3286
Delta R.T. -0.00 min
Lab File: BG033295.D
Acq: 22 Mar 2018 15:27

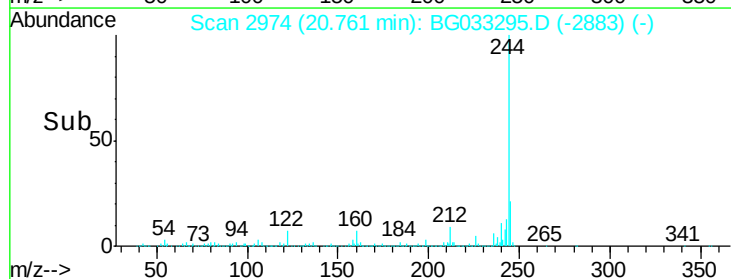
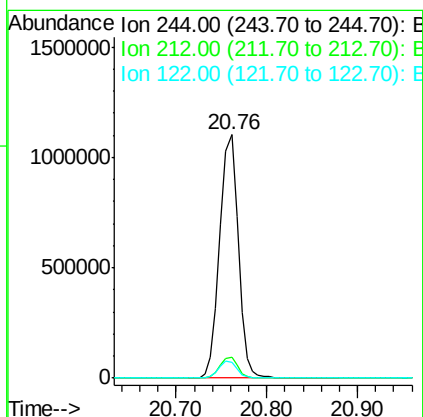
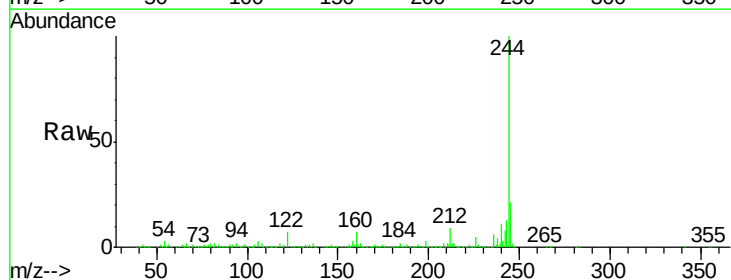
Instrument :
BNA_G
ClientSampleId :
OR-03-032018-A

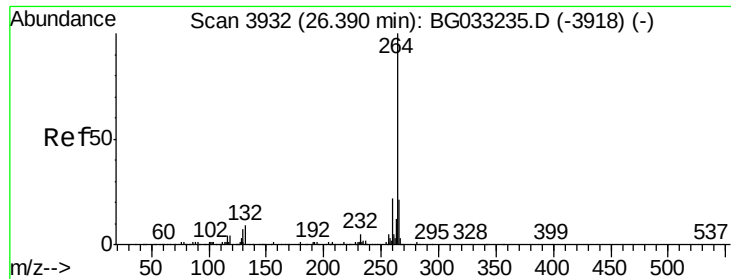
Tot Ion:240 Resp: 330159
Ion Ratio Lower Upper
240 100
120 5.9 6.8 10.2#
236 25.9 20.9 31.3



#78
Terphenyl-d14
Concen: 102.060 ng
RT: 20.76 min Scan# 2974
Delta R.T. 0.00 min
Lab File: BG033295.D
Acq: 22 Mar 2018 15:27

Tgt Ion:244 Resp: 1575602
Ion Ratio Lower Upper
244 100
212 8.6 5.8 8.8
122 6.6 7.0 10.4#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.38 min Scan# 3931
Delta R.T. -0.00 min
Lab File: BG033295.D
Acq: 22 Mar 2018 15:27

Instrument :
BNA_G
ClientSampleId :
OR-03-032018-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.9	17.4	26.0
265	21.7	17.7	26.5

