

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040618\
 Data File : BG033655.D
 Acq On : 7 Apr 2018 8:02
 Operator : SJ/JU
 Sample : J2226-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 040318-DBRI-E-U-B

Quant Time: Apr 09 02:19:44 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 05 17:36:07 2018
 Response via : Initial Calibration

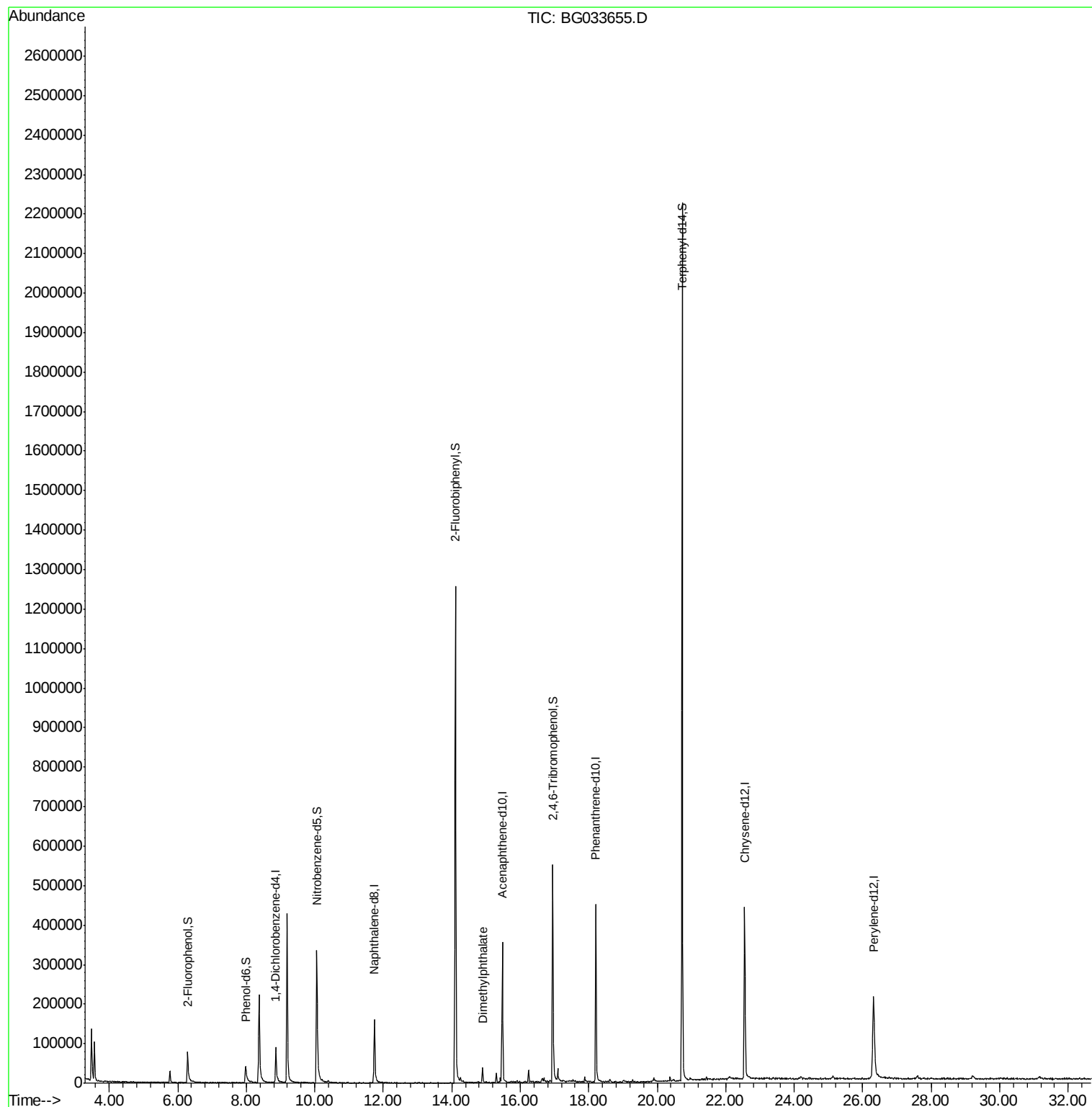
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	34760	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	165989	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	134221	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	334501	20.00	ng	0.00
75) Chrysene-d12	22.55	240	327370	20.00	ng	0.00
86) Perylene-d12	26.32	264	317026	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	50502	27.24	ng	0.00
7) Phenol-d6	7.98	99	47205	14.82	ng	0.01
23) Nitrobenzene-d5	10.06	82	278719	77.15	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	105808	52.71	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	717219	77.14	ng	0.00
78) Terphenyl-d14	20.73	244	1100204	71.87	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.90	163	26068	2.232	ng	99

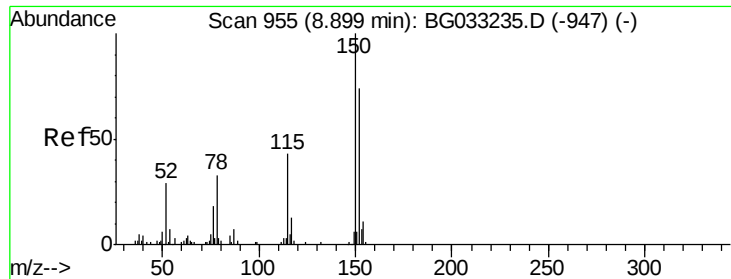
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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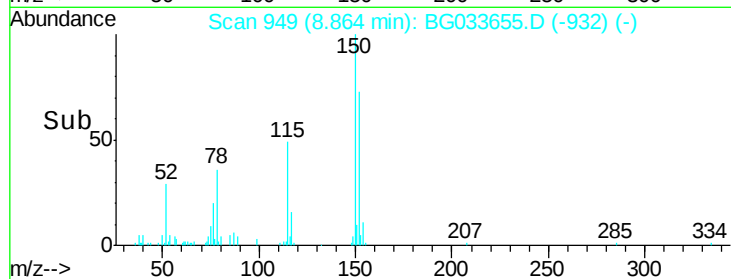
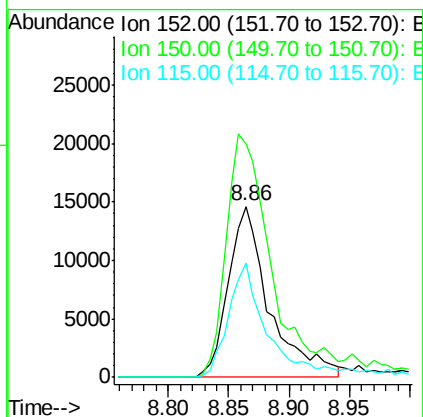
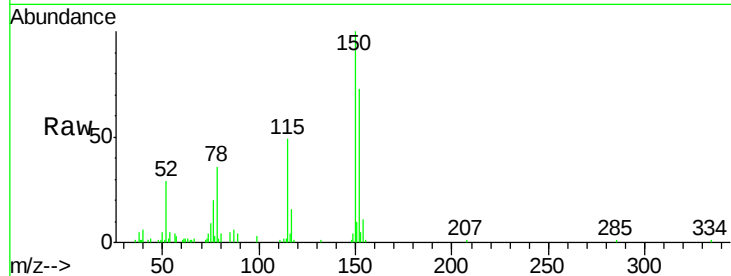


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. 0.00 min
Lab File: BG033655.D
Acq: 7 Apr 2018 8:02

Instrument :
BNA_G
ClientSampleId :
040318-DBRI-E-U-B

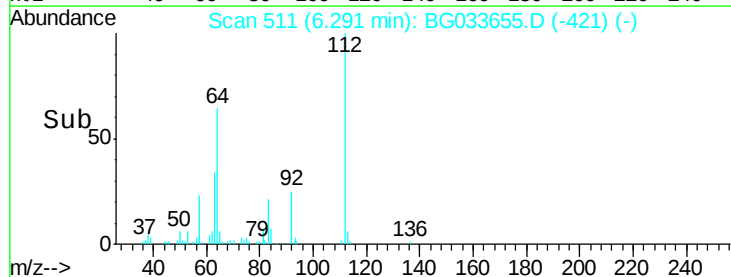
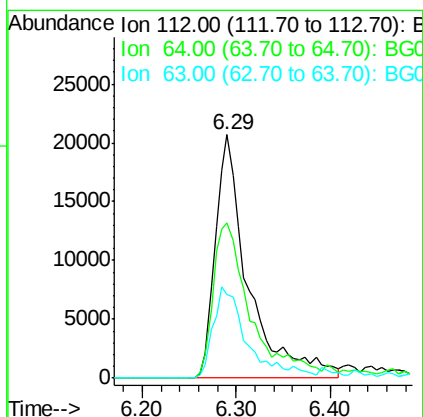
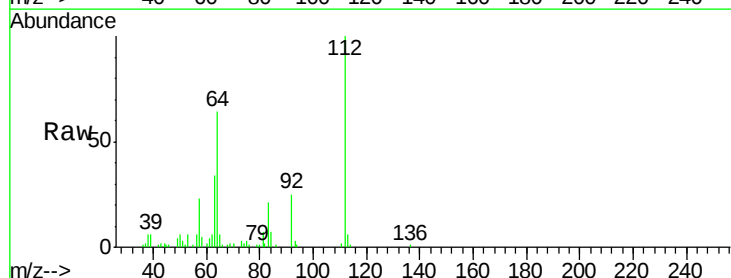
Tot Ion:152 Resp: 34760
Ion Ratio Lower Upper
152 100
150 136.1 126.6 189.8
115 67.0 53.0 79.4



#5

2-Fluorophenol
Concen: 27.243 ng
RT: 6.29 min Scan# 511
Delta R.T. 0.00 min
Lab File: BG033655.D
Acq: 7 Apr 2018 8:02

Tgt Ion:112 Resp: 50502
Ion Ratio Lower Upper
112 100
64 64.0 56.3 84.5
63 34.4 30.1 45.1





#7

Phenol-d6

Concen: 14.820 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.01 min

Lab File: BG033655.D

Acq: 7 Apr 2018 8:02

Instrument :

BNA_G

ClientSampleId :

040318-DBRI-E-U-B

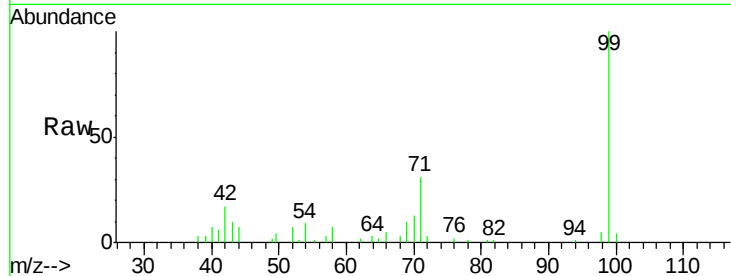
Tot Ion: 99 Resp: 47205

Ion Ratio Lower Upper

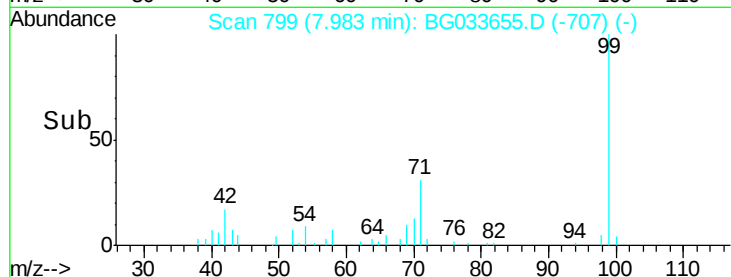
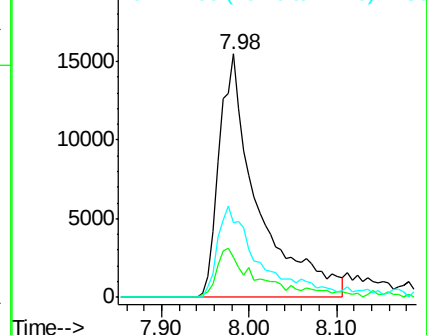
99 100

42 16.5 14.1 21.1

71 30.7 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: 11.74 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BG033655.D

Acq: 7 Apr 2018 8:02

Tgt Ion: 136 Resp: 165989

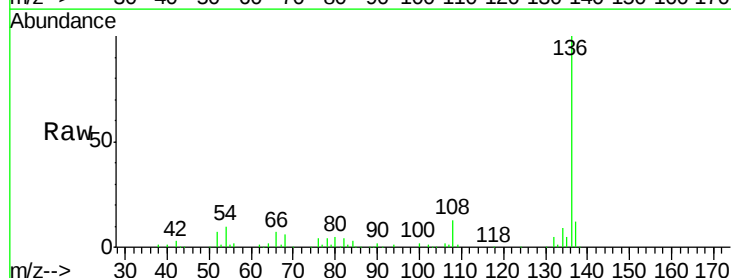
Ion Ratio Lower Upper

136 100

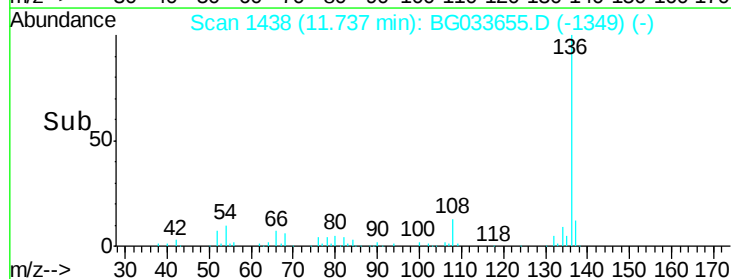
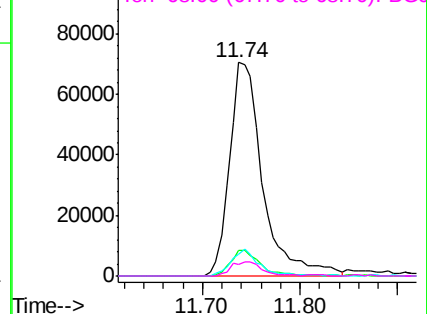
137 11.8 9.2 13.8

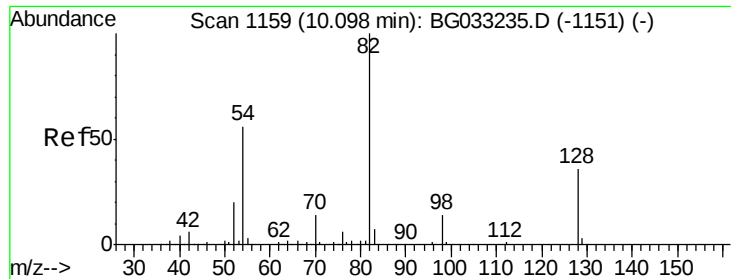
54 9.9 10.3 15.5#

68 5.6 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: 77.147 ng

RT: 10.06 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BG033655.D

Acq: 7 Apr 2018 8:02

Instrument :

BNA_G

ClientSampleId :

040318-DBRI-E-U-B

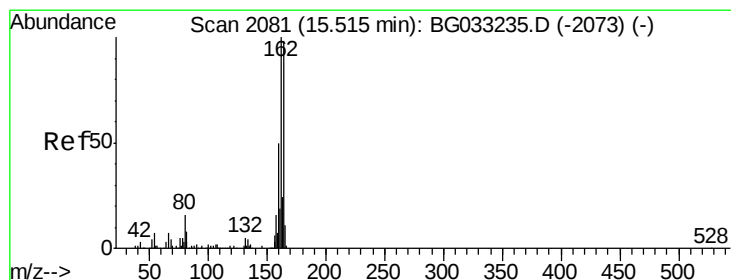
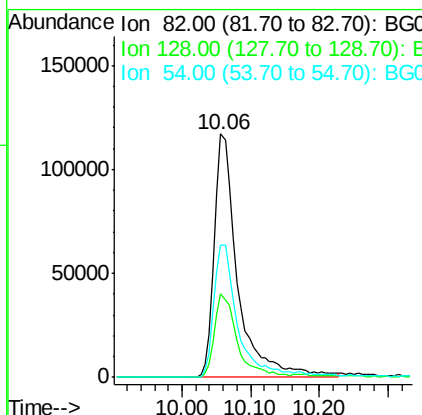
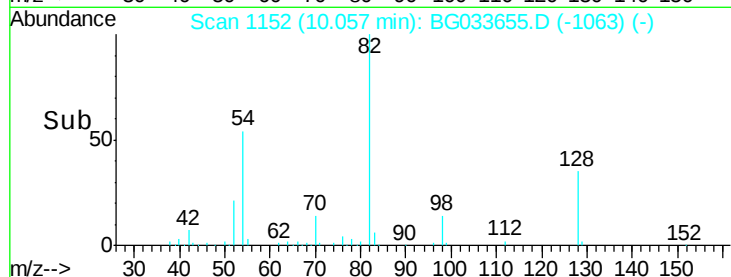
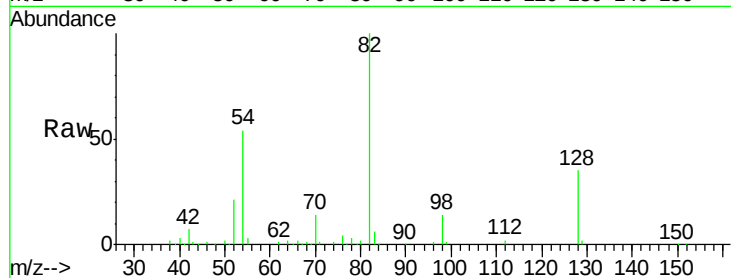
Tot Ion: 82 Resp: 278719

Ion Ratio Lower Upper

82 100

128 34.5 29.7 44.5

54 54.3 43.1 64.7



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.47 min Scan# 2074

Delta R.T. -0.01 min

Lab File: BG033655.D

Acq: 7 Apr 2018 8:02

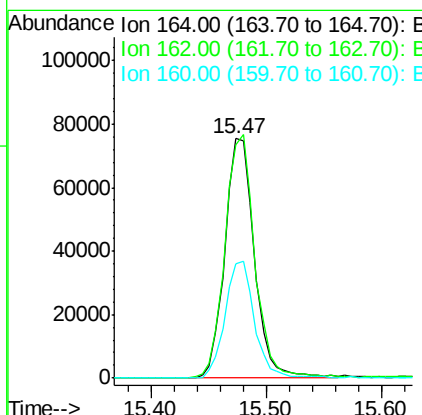
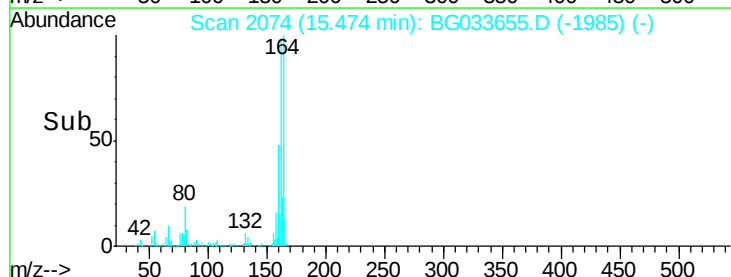
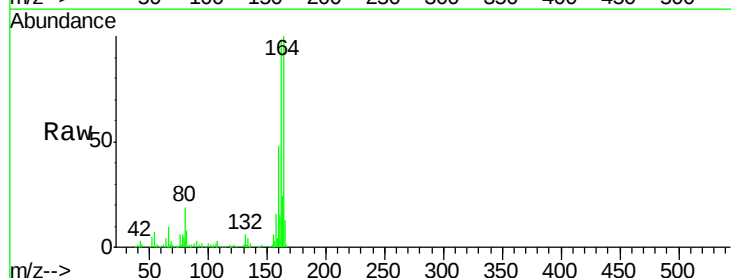
Tgt Ion:164 Resp: 134221

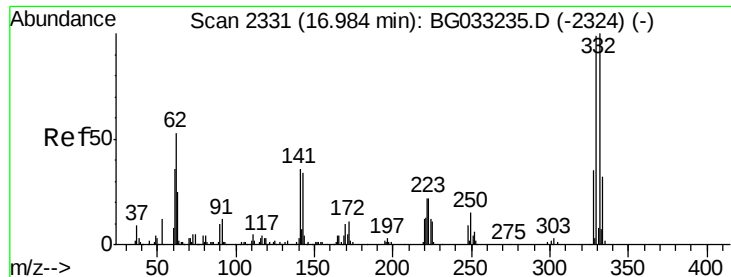
Ion Ratio Lower Upper

164 100

162 97.7 78.8 118.2

160 47.9 35.4 53.0

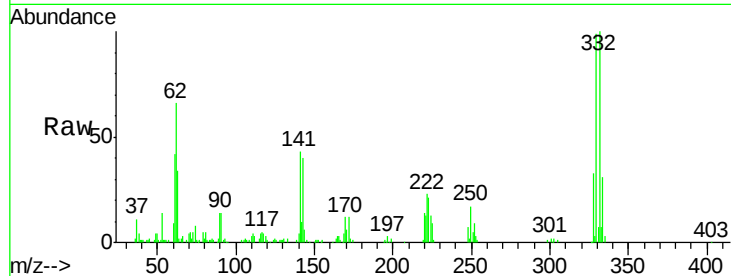




#41
 2,4,6-Tribromophenol
 Concen: 52.708 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BG033655.D
 Acq: 7 Apr 2018 8:02

Instrument :
 BNA_G
 ClientSampleId :
 040318-DBRI-E-U-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.1	77.0	115.6
141	43.1	25.2	37.8#

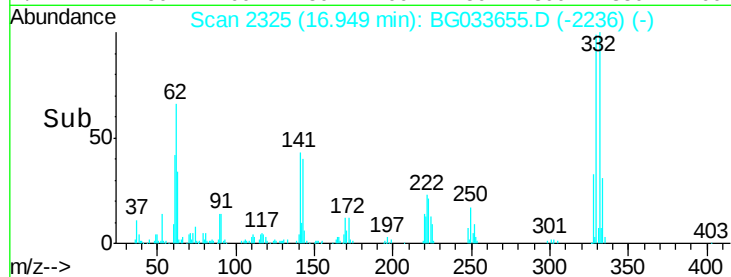
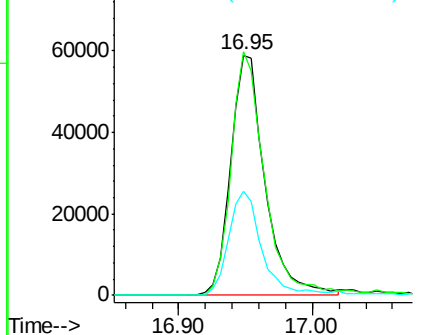


Abundance

Ion 329.80 (329.50 to 330.50): E

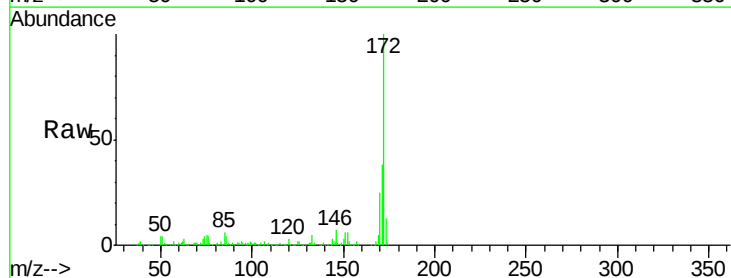
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 77.142 ng
 RT: 14.10 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BG033655.D
 Acq: 7 Apr 2018 8:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	24.7	19.5	29.3

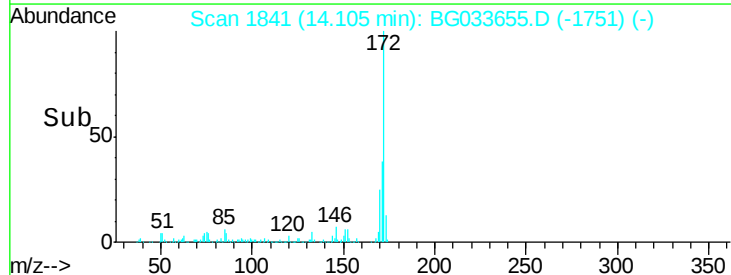
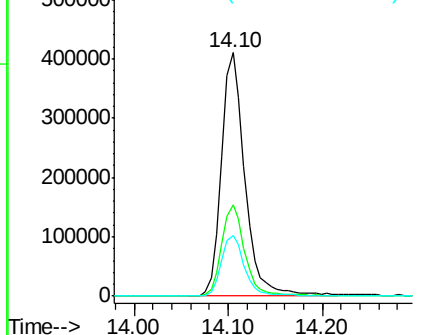


Abundance

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: 2.232 ng

RT: 14.90 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG033655.D

Acq: 7 Apr 2018 8:02

Instrument :

BNA_G

ClientSampleId :

040318-DBRI-E-U-B

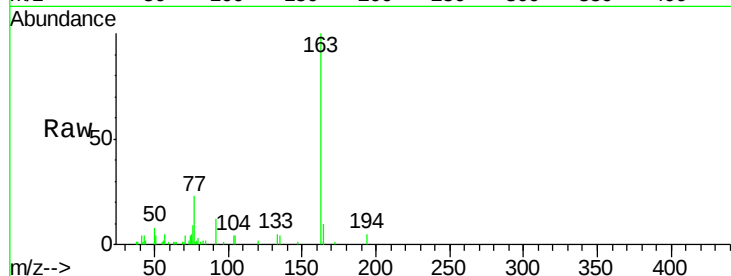
Tot Ion:163 Resp: 26068

Ion Ratio Lower Upper

163 100

194 5.1 3.4 5.2

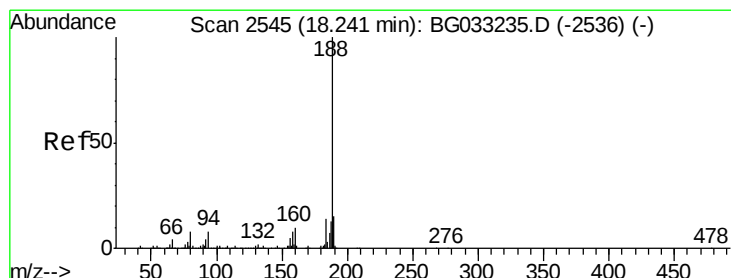
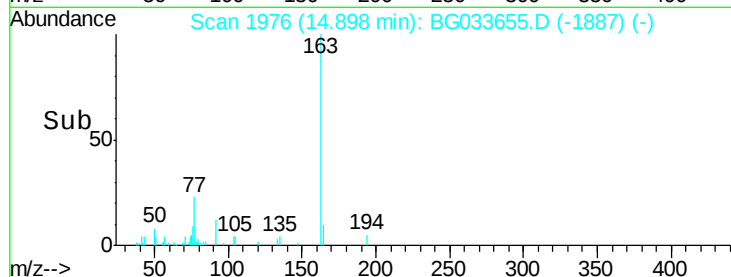
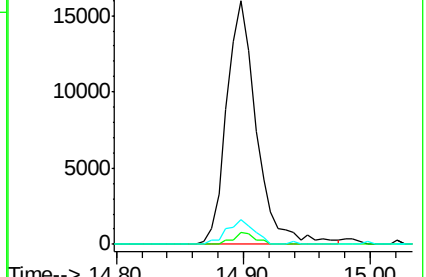
164 10.3 8.2 12.4



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: 18.21 min Scan# 2539

Delta R.T. -0.01 min

Lab File: BG033655.D

Acq: 7 Apr 2018 8:02

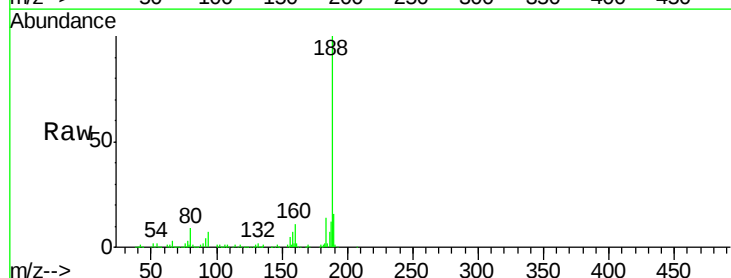
Tgt Ion:188 Resp: 334501

Ion Ratio Lower Upper

188 100

94 6.6 6.9 10.3#

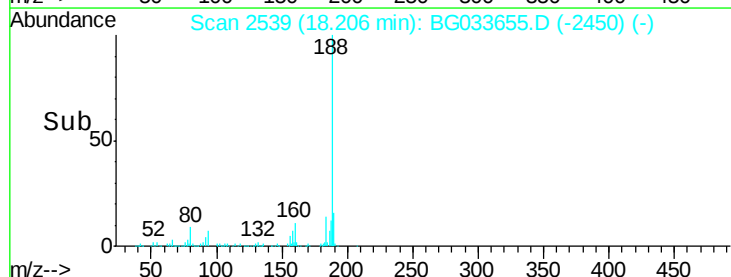
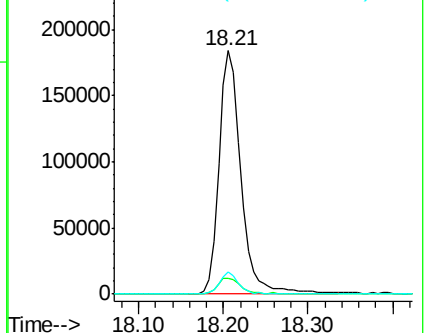
80 8.9 7.7 11.5

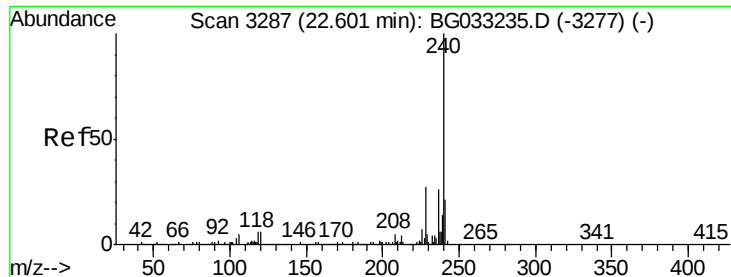


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3279

Delta R.T. -0.01 min

Lab File: BG033655.D

Acq: 7 Apr 2018 8:02

Instrument :

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ClientSampleId :

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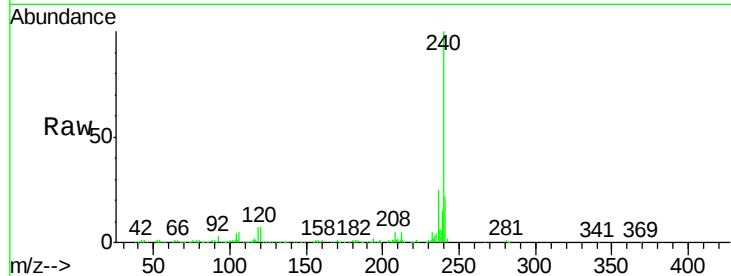
Tot Ion:240 Resp: 327370

Ion Ratio Lower Upper

240 100

120 7.3 6.8 10.2

236 25.0 20.9 31.3

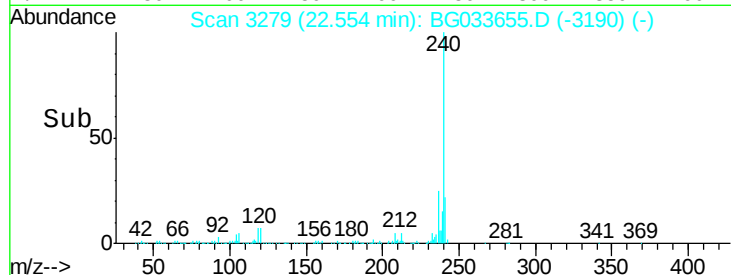


Abundance Ion 240.00 (239.70 to 240.70): E

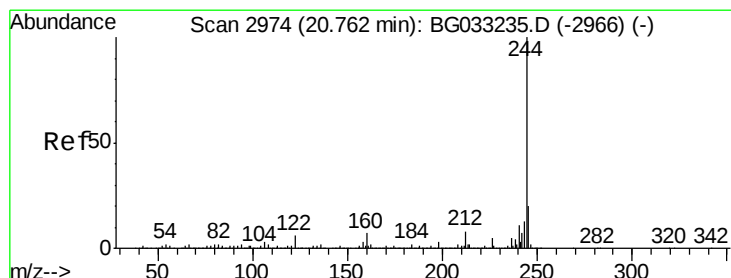
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

22.55



Time--> 22.40 22.50 22.60 22.70



#78

Terphenyl-d14

Concen: 71.873 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033655.D

Acq: 7 Apr 2018 8:02

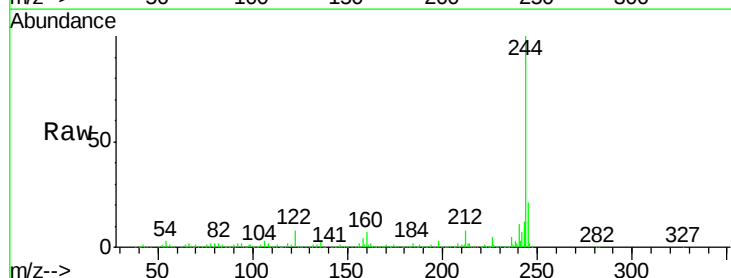
Tgt Ion:244 Resp: 1100204

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

122 7.9 7.0 10.4

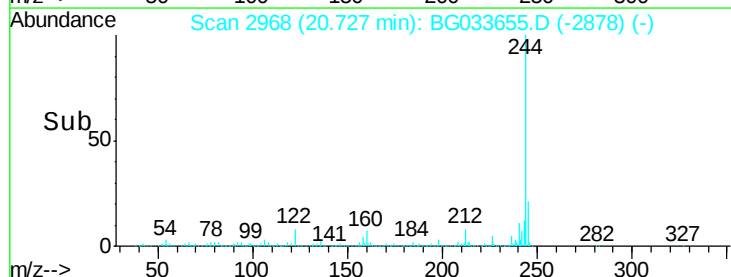


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

20.73



Time--> 20.70 20.80



#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.32 min Scan# 3920
 Delta R.T. 0.00 min
 Lab File: BG033655.D
 Acq: 7 Apr 2018 8:02

Instrument :
 BNA_G
 ClientSampleId :
 040318-DBRI-E-U-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.5	17.4	26.0
265	19.1	17.7	26.5

