

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032818\
 Data File : BG033389.D
 Acq On : 28 Mar 2018 17:05
 Operator : SJ/JU
 Sample : J2072-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AA1

Quant Time: Mar 28 18:41:44 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:29:08 2018
 Response via : Initial Calibration

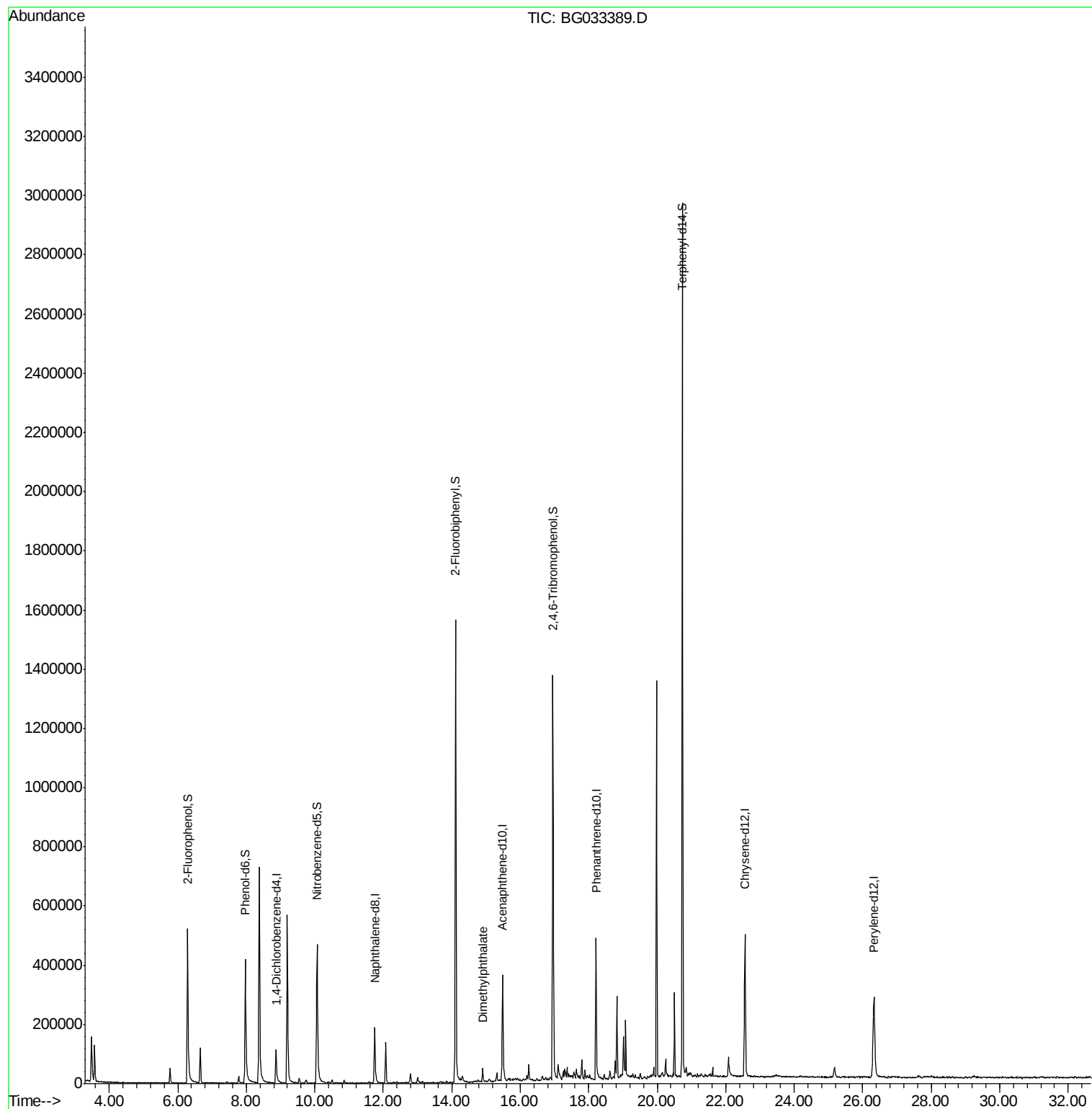
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	44580	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	181181	20.00	ng	0.00
38) Acenaphthene-d10	15.49	164	142300	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	349220	20.00	ng	0.00
75) Chrysene-d12	22.56	240	368876	20.00	ng	0.00
86) Perylene-d12	26.33	264	391569	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	269842	113.50	ng	0.00
7) Phenol-d6	7.97	99	319207	78.14	ng	0.00
23) Nitrobenzene-d5	10.07	82	357415	90.63	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	285216	134.01	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	865693	87.82	ng	0.00
78) Terphenyl-d14	20.73	244	1493641	86.60	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.90	163	31383	2.534	ng	Qvalue # 95

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

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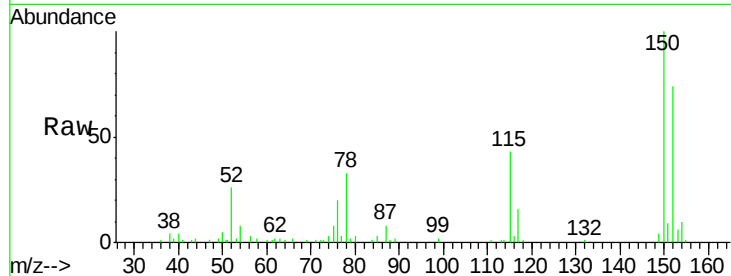


#1

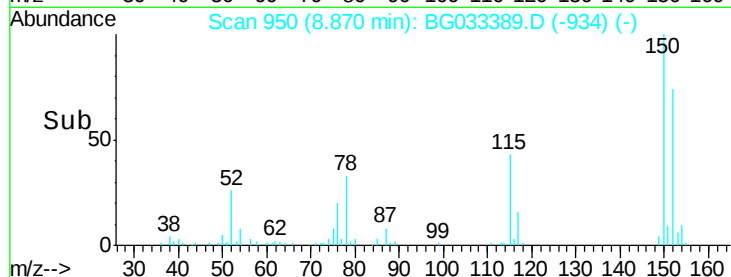
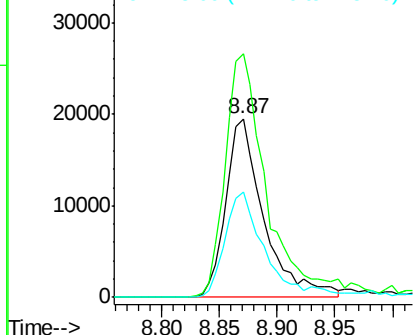
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG033389.D
Acq: 28 Mar 2018 17:05

Instrument :
BNA_G
ClientSampleId :
C0AA1

Tot Ion	Ratio	Lower	Upper
152	100		
150	136.0	126.6	189.8
115	59.2	53.0	79.4



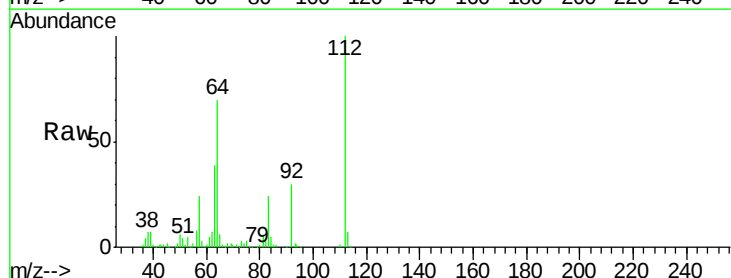
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



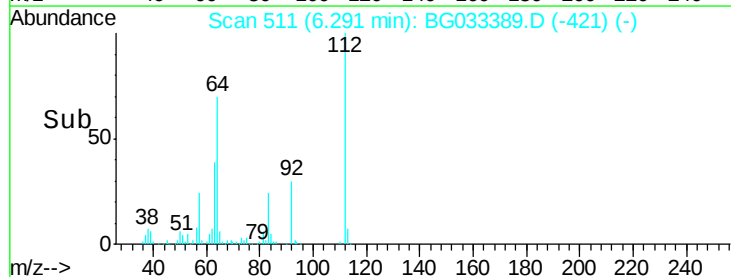
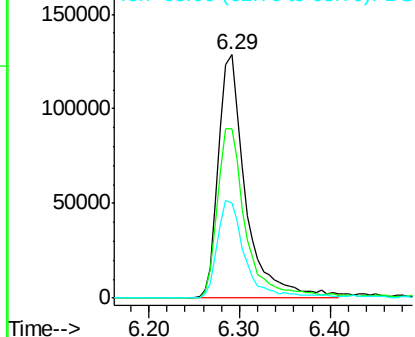
#5

2-Fluorophenol
Concen: 113.501 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033389.D
Acq: 28 Mar 2018 17:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.7	56.3	84.5
63	39.3	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: 78.142 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.01 min

Lab File: BG033389.D

Acq: 28 Mar 2018 17:05

Instrument :

BNA_G

ClientSampleId :

C0AA1

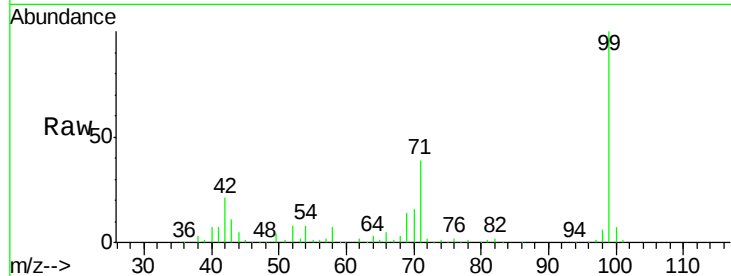
Tot Ion: 99 Resp: 319207

Ion Ratio Lower Upper

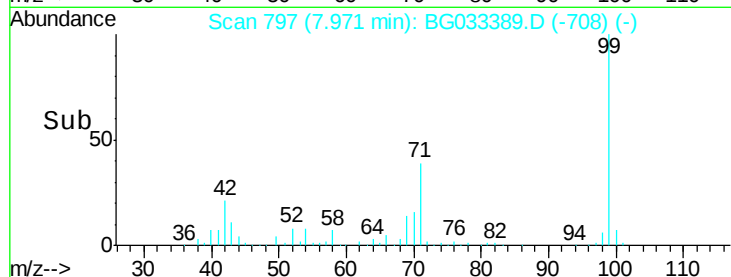
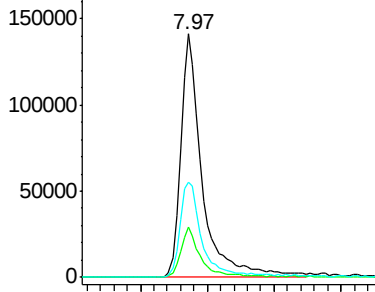
99 100

42 20.8 14.1 21.1

71 38.8 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: 11.75 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BG033389.D

Acq: 28 Mar 2018 17:05

Tgt Ion: 136 Resp: 181181

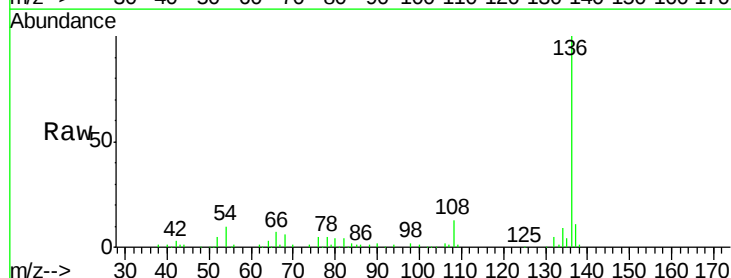
Ion Ratio Lower Upper

136 100

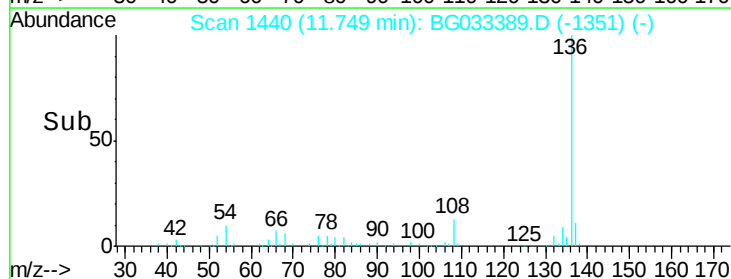
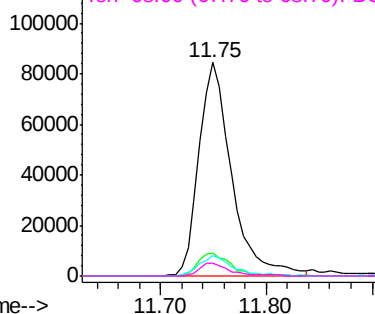
137 11.1 9.2 13.8

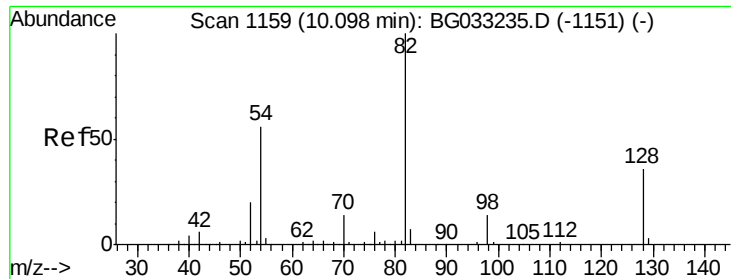
54 9.8 10.3 15.5#

68 5.8 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: 90.634 ng

RT: 10.07 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BG033389.D

Acq: 28 Mar 2018 17:05

Instrument :

BNA_G

ClientSampleId :

C0AA1

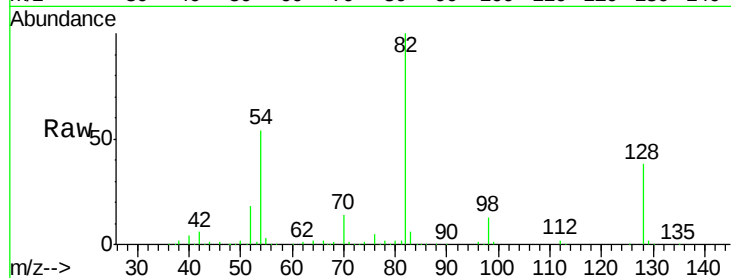
Tot Ion: 82 Resp: 357415

Ion Ratio Lower Upper

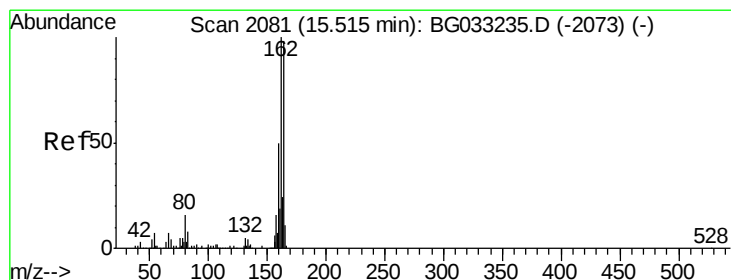
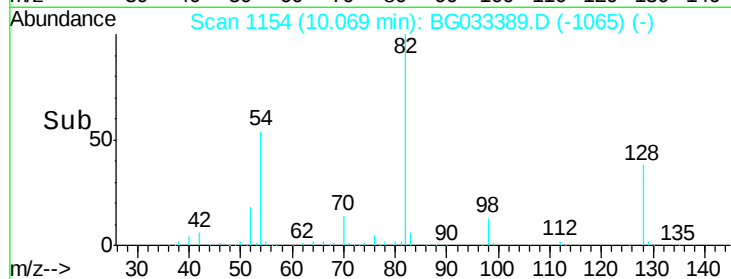
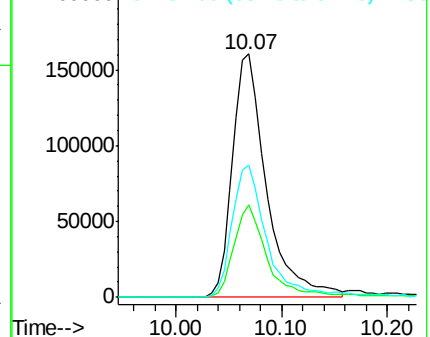
82 100

128 38.1 29.7 44.5

54 54.1 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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.49 min Scan# 2076

Delta R.T. -0.00 min

Lab File: BG033389.D

Acq: 28 Mar 2018 17:05

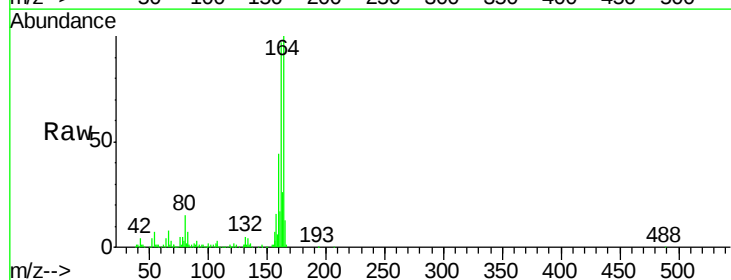
Tgt Ion: 164 Resp: 142300

Ion Ratio Lower Upper

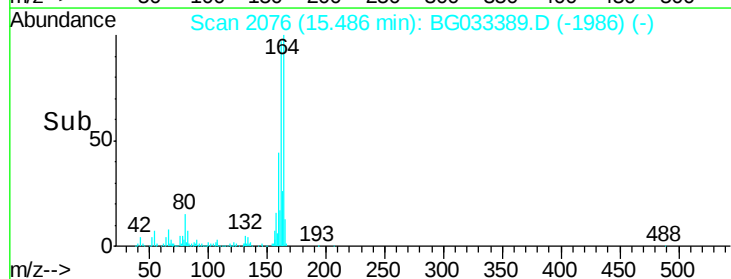
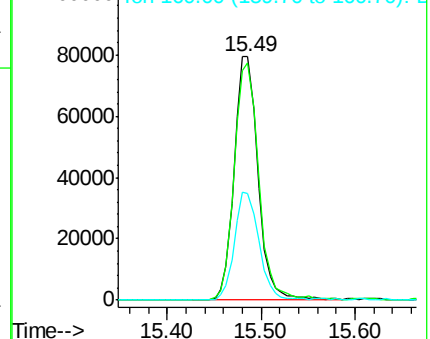
164 100

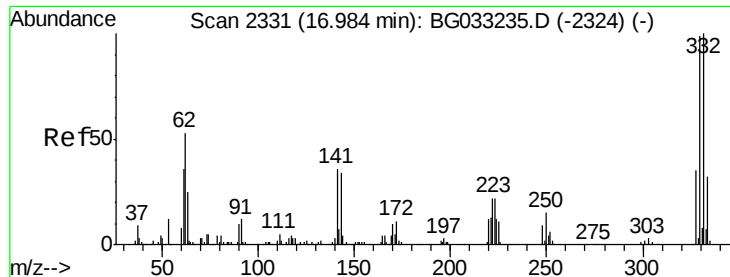
162 97.5 78.8 118.2

160 43.7 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

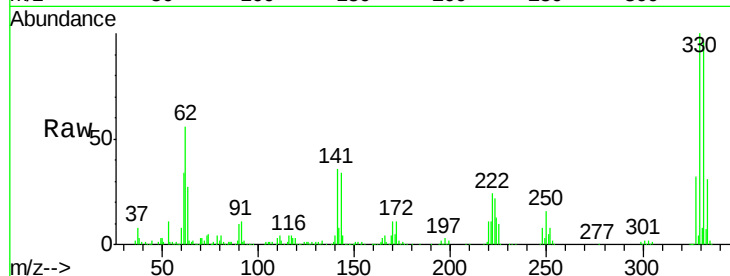




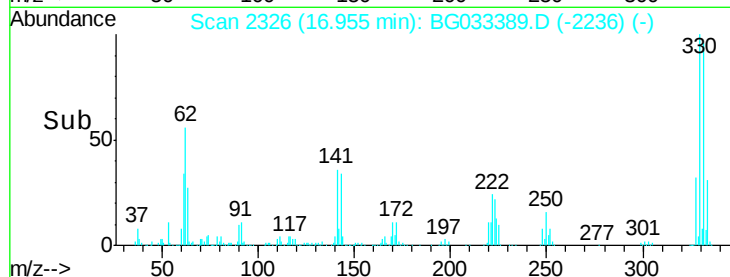
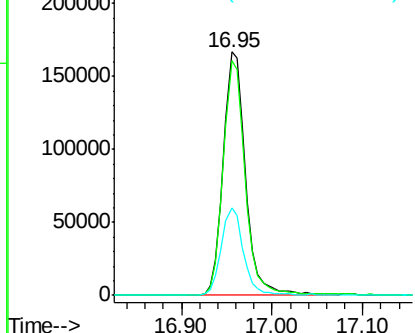
#41
 2,4,6-Tribromophenol
 Concen: 134.014 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033389.D
 Acq: 28 Mar 2018 17:05

Instrument :
 BNA_G
 ClientSampleId :
 C0AA1

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	35.8	25.2	37.8

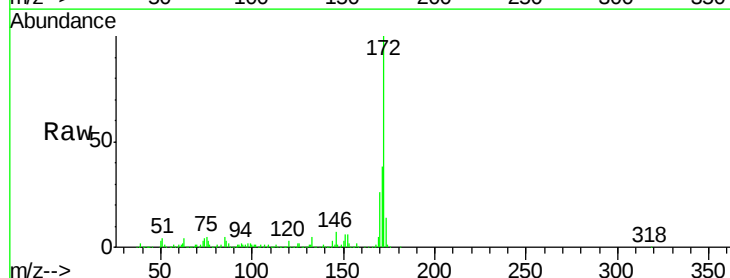


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

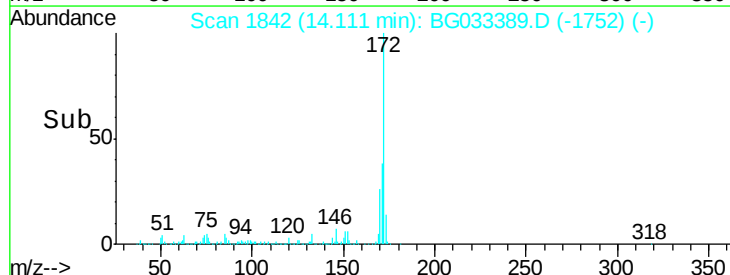
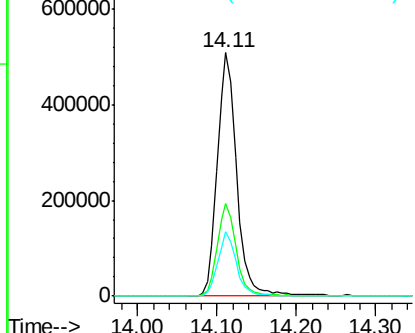


#44
 2-Fluorobiphenyl
 Concen: 87.825 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033389.D
 Acq: 28 Mar 2018 17:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	26.3	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: 2.534 ng

RT: 14.90 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BG033389.D

Acq: 28 Mar 2018 17:05

Instrument :

BNA_G

ClientSampleId :

C0AA1

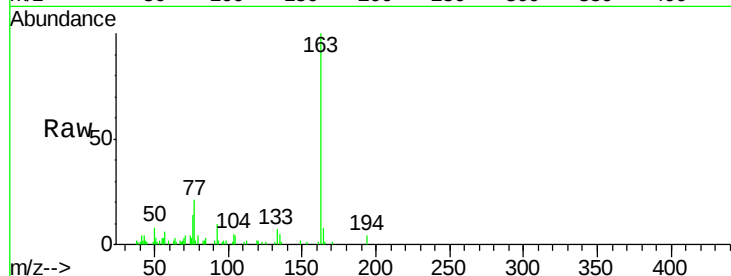
Tot Ion:163 Resp: 31383

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

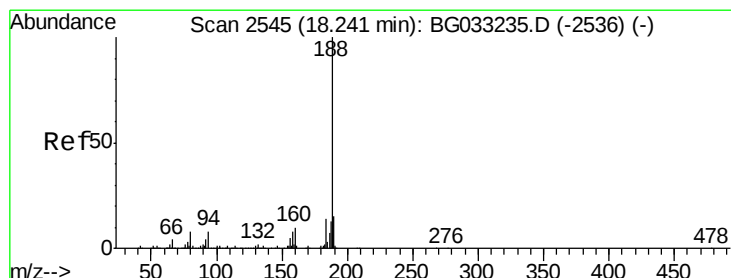
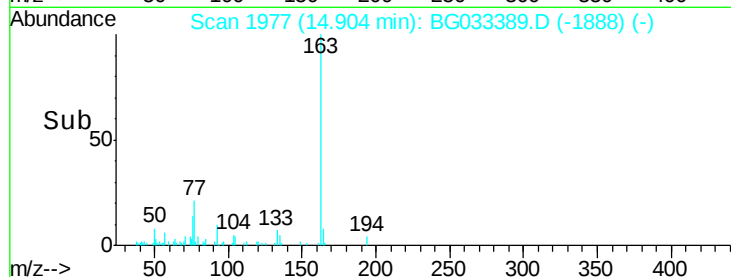
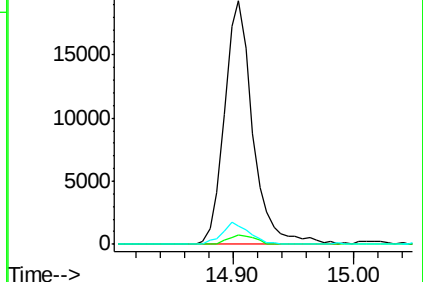
164 7.8 8.2 12.4#



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# 2540

Delta R.T. -0.00 min

Lab File: BG033389.D

Acq: 28 Mar 2018 17:05

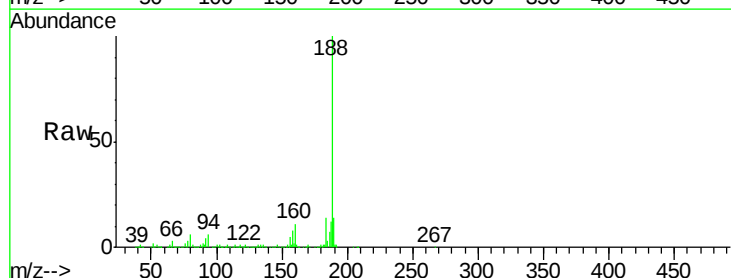
Tgt Ion:188 Resp: 349220

Ion Ratio Lower Upper

188 100

94 5.7 6.9 10.3#

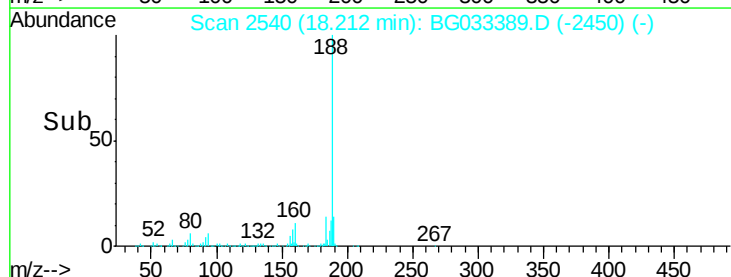
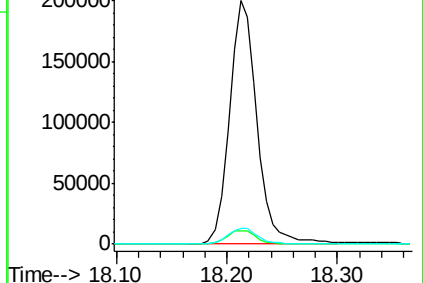
80 6.3 7.7 11.5#

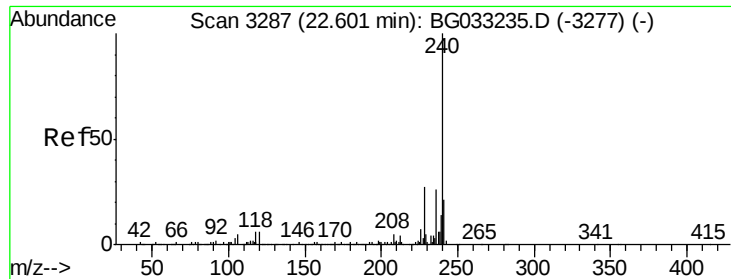


Abundance Ion 188.00 (187.70 to 188.70): E

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: 22.56 min Scan# 3280

Delta R.T. -0.00 min

Lab File: BG033389.D

Acq: 28 Mar 2018 17:05

Instrument :

BNA_G

ClientSampleId :

C0AA1

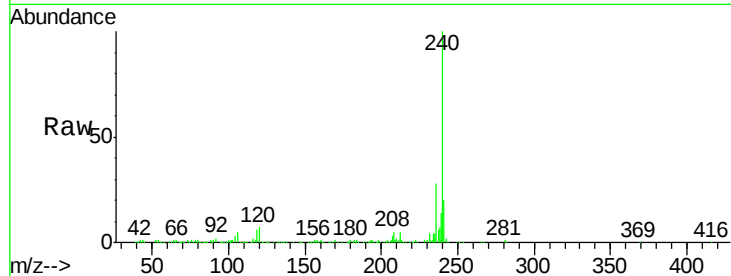
Tot Ion:240 Resp: 368876

Ion Ratio Lower Upper

240 100

120 6.8 6.8 10.2

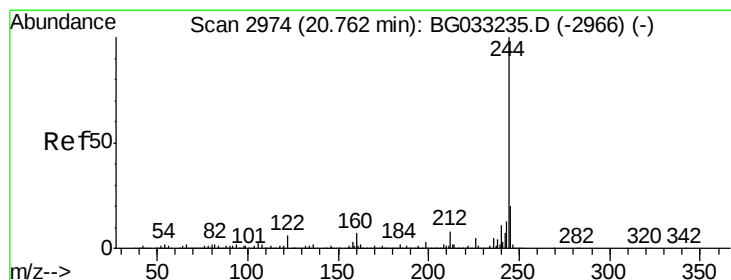
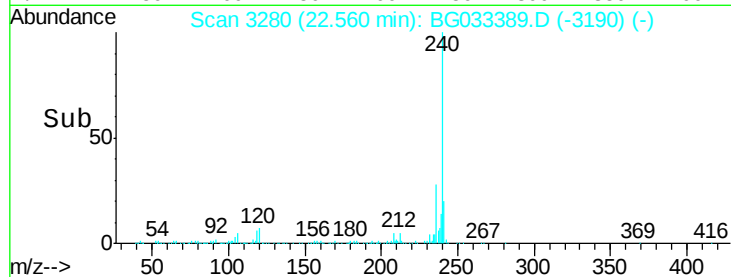
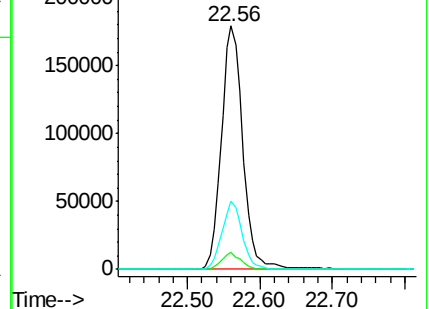
236 28.0 20.9 31.3



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: 86.596 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033389.D

Acq: 28 Mar 2018 17:05

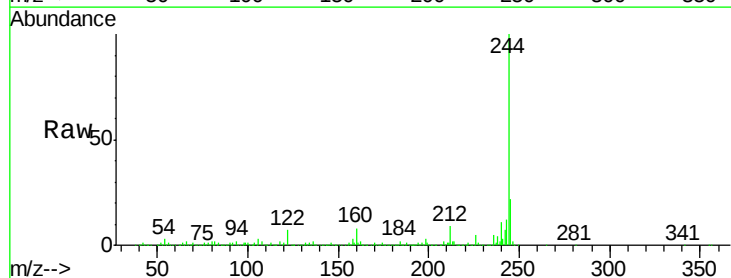
Tgt Ion:244 Resp: 1493641

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

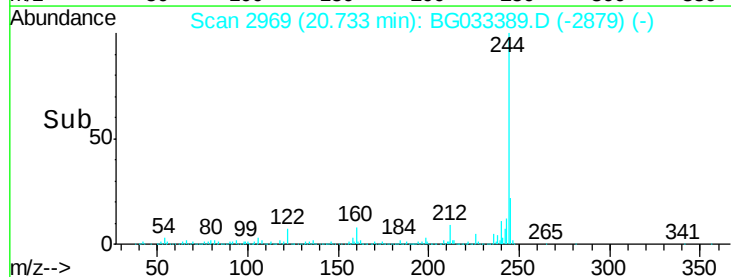
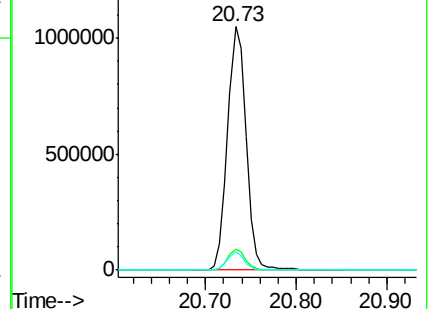
122 7.4 7.0 10.4

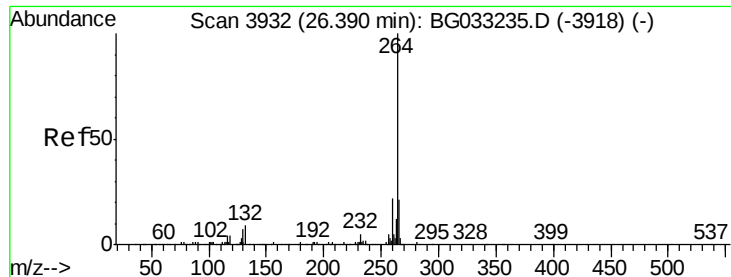


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.33 min Scan# 3921
 Delta R.T. -0.01 min
 Lab File: BG033389.D
 Acq: 28 Mar 2018 17:05

Instrument :
 BNA_G
 ClientSampleId :
 C0AA1

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.4	26.0
265	21.3	17.7	26.5

