

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
 Data File : BG033723.D
 Acq On : 10 Apr 2018 21:10
 Operator : SJ/JU
 Sample : J2247-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CG-1

Quant Time: Apr 11 03:41:02 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 16:51:36 2018
 Response via : Initial Calibration

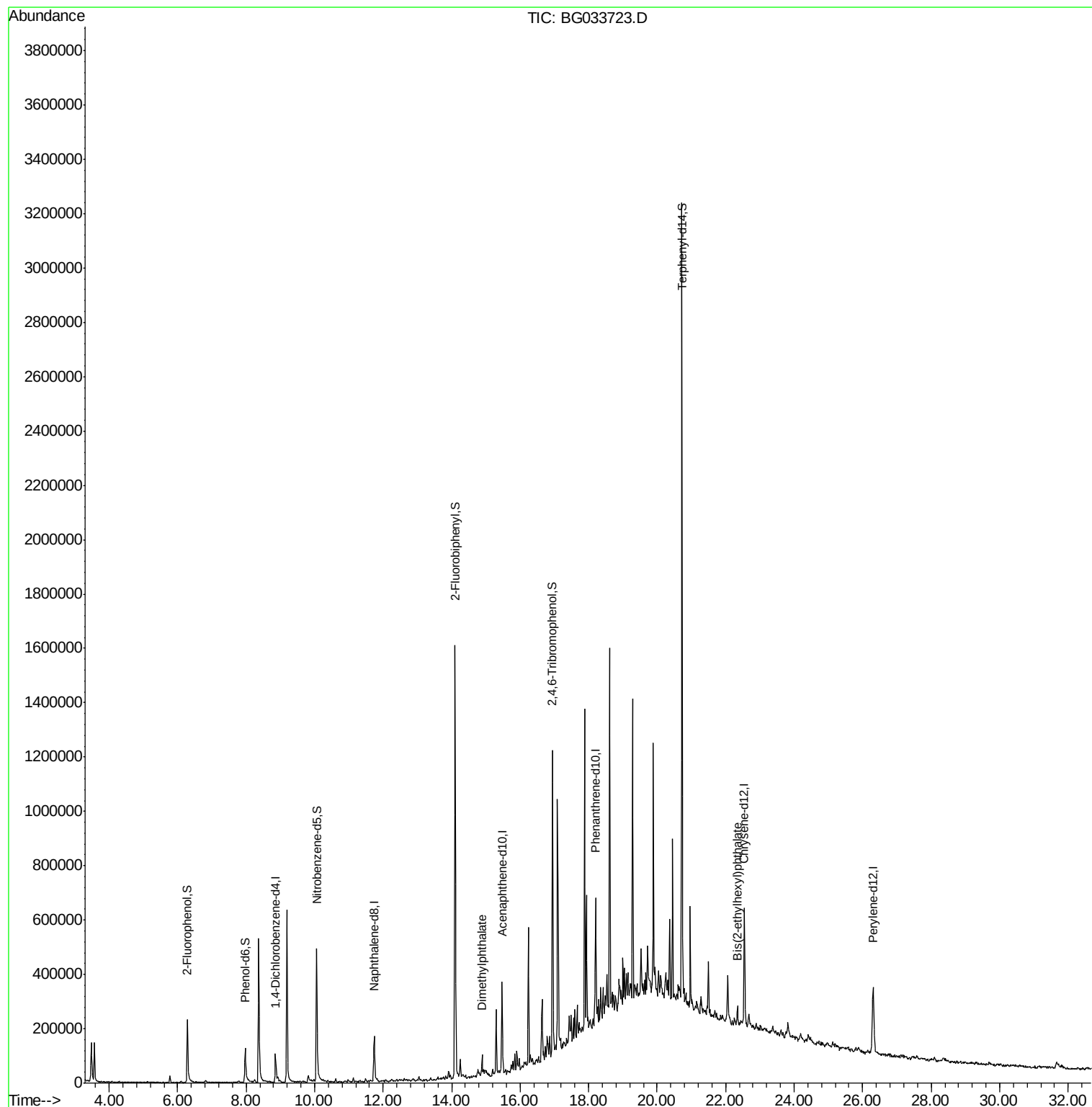
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	37450	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	166741	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	119716	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	294020	20.00	ng	0.00
75) Chrysene-d12	22.54	240	323890	20.00	ng	0.00
86) Perylene-d12	26.31	264	339477	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	124437	62.31	ng	0.00
7) Phenol-d6	7.97	99	107441	31.31	ng	0.00
23) Nitrobenzene-d5	10.06	82	372289	102.58	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	223435	124.79	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	876577	105.70	ng	0.00
78) Terphenyl-d14	20.72	244	1529992	101.02	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.89	163	23612	2.266	ng	Qvalue # 96
83) Bis(2-ethylhexyl)phthalate	22.34	149	31770	2.891	ng	97

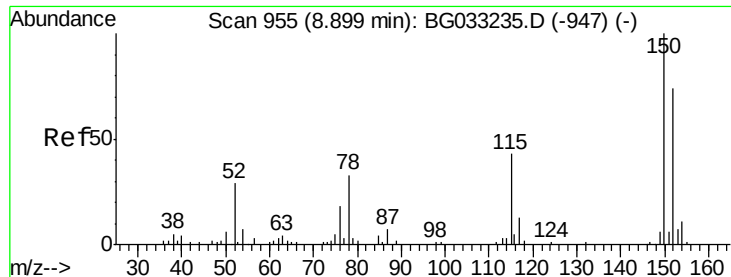
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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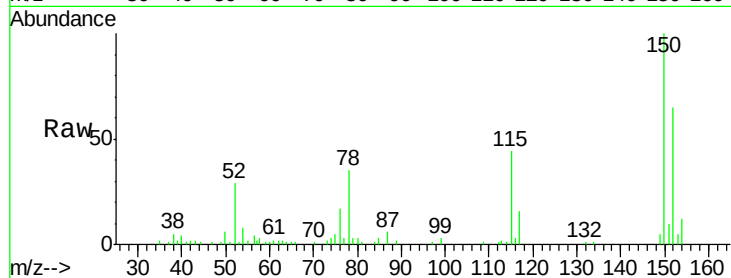


#1

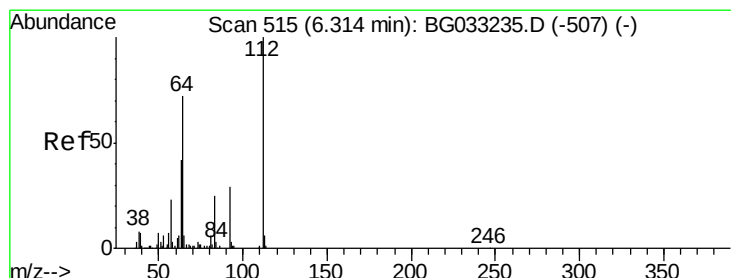
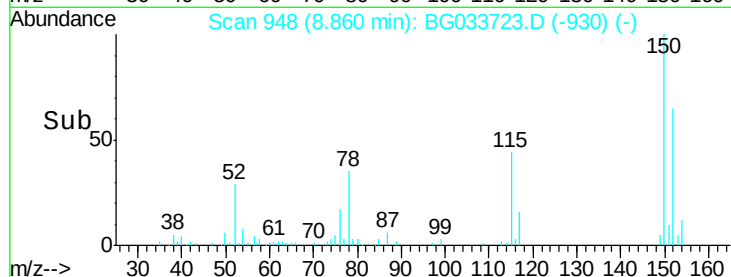
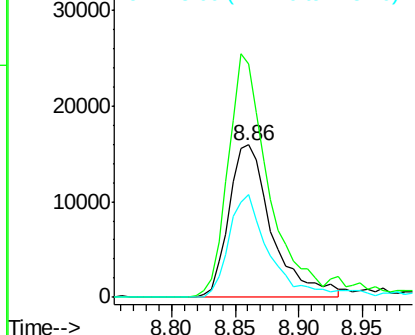
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.86 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: BG033723.D
 Acq: 10 Apr 2018 21:10

Instrument :
 BNA_G
 ClientSampleId :
 CG-1

Tot Ion:152 Resp: 37450
 Ion Ratio Lower Upper
 152 100
 150 153.0 126.6 189.8
 115 67.2 53.0 79.4



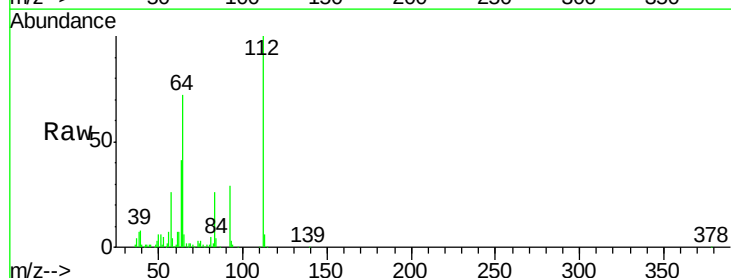
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



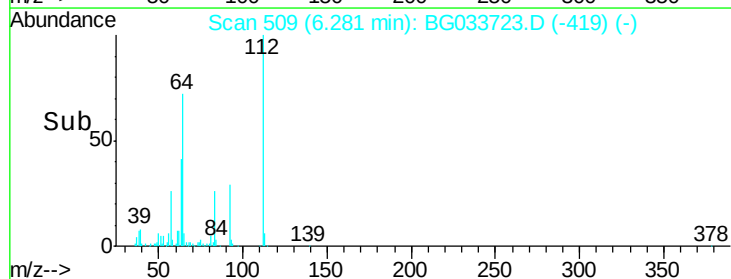
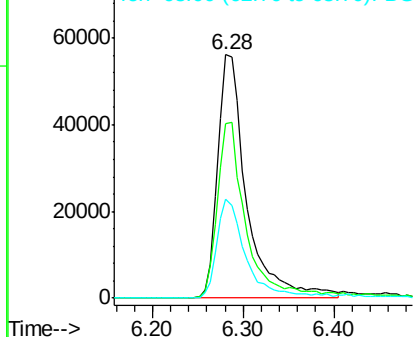
#5

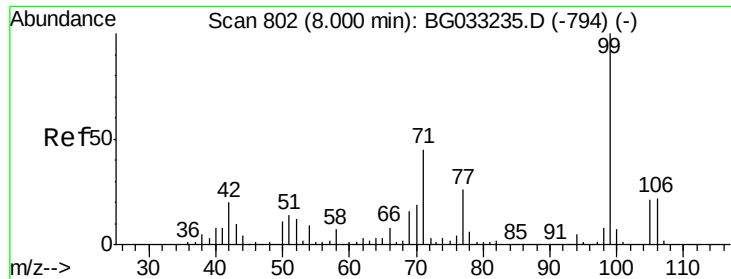
2-Fluorophenol
 Concen: 62.306 ng
 RT: 6.28 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: BG033723.D
 Acq: 10 Apr 2018 21:10

Tgt Ion:112 Resp: 124437
 Ion Ratio Lower Upper
 112 100
 64 71.9 56.3 84.5
 63 40.5 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: 31.309 ng

RT: 7.97 min Scan# 796

Delta R.T. -0.00 min

Lab File: BG033723.D

Acq: 10 Apr 2018 21:10

Instrument :

BNA_G

ClientSampled :

CG-1

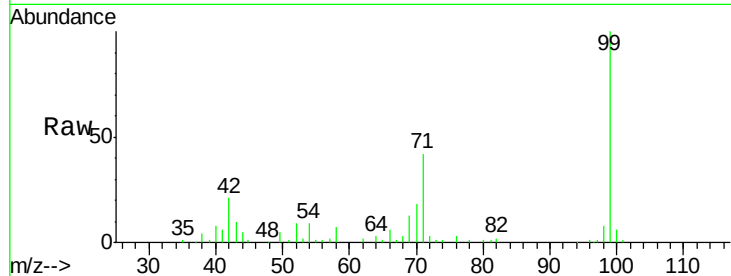
Tot Ion: 99 Resp: 107441

Ion Ratio Lower Upper

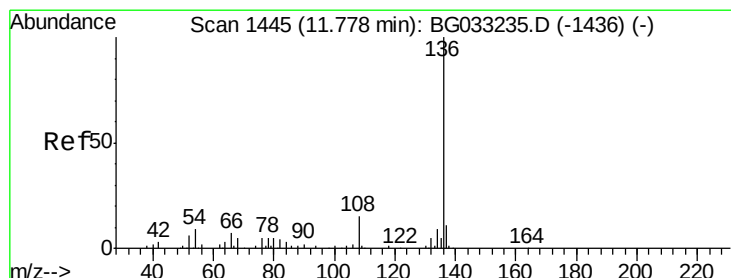
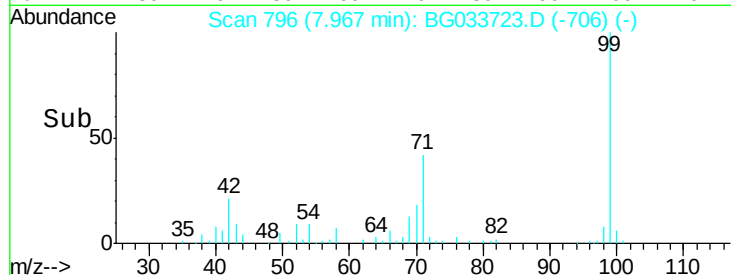
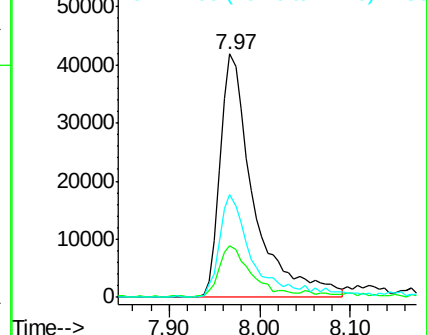
99 100

42 21.2 14.1 21.1#

71 42.4 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. 0.00 min

Lab File: BG033723.D

Acq: 10 Apr 2018 21:10

Tgt Ion: 136 Resp: 166741

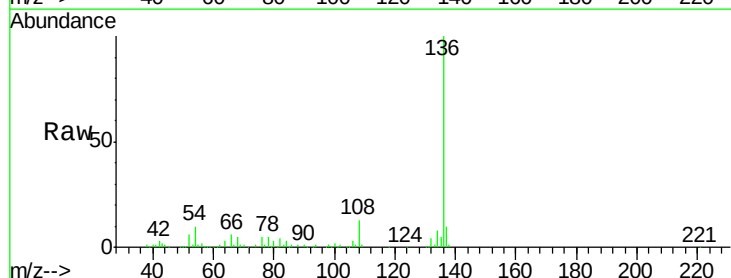
Ion Ratio Lower Upper

136 100

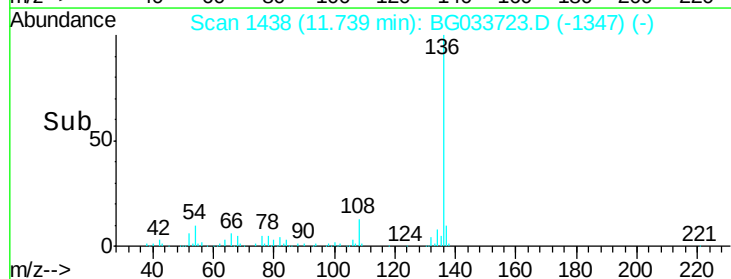
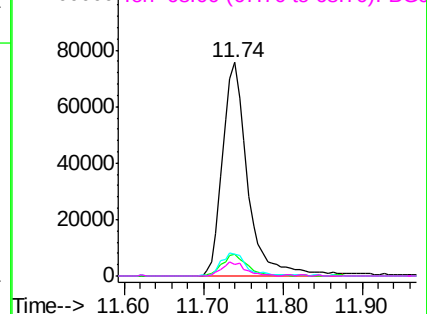
137 10.4 9.2 13.8

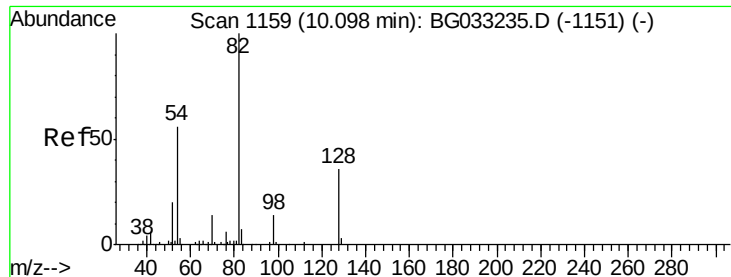
54 10.1 10.3 15.5#

68 5.5 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

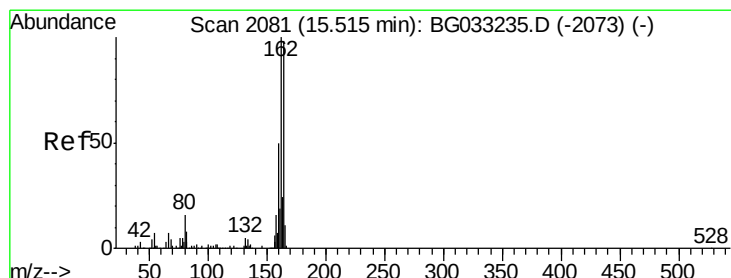
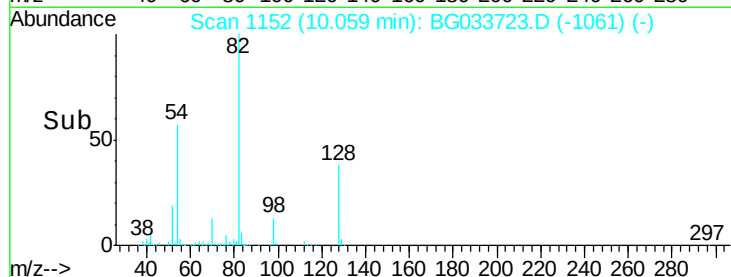
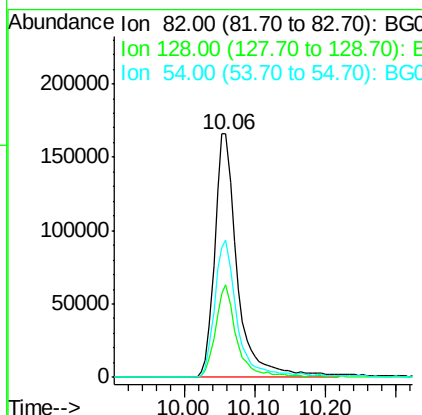
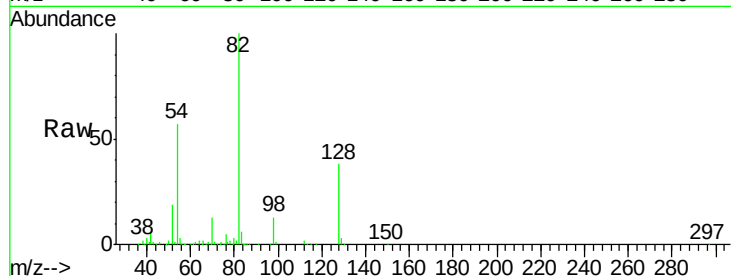




#23
 Nitrobenzene-d5
 Concen: 102.581 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BG033723.D
 Acq: 10 Apr 2018 21:10

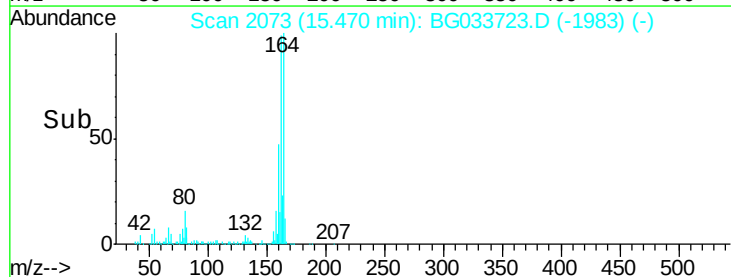
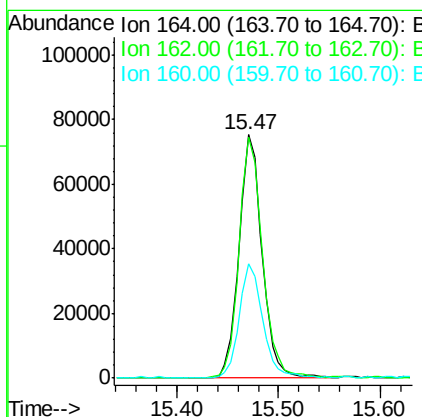
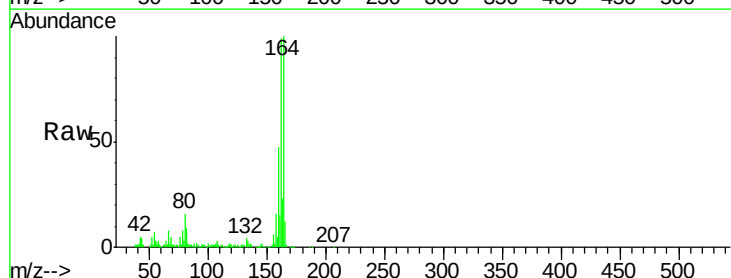
Instrument :
 BNA_G
 ClientSampleId :
 CG-1

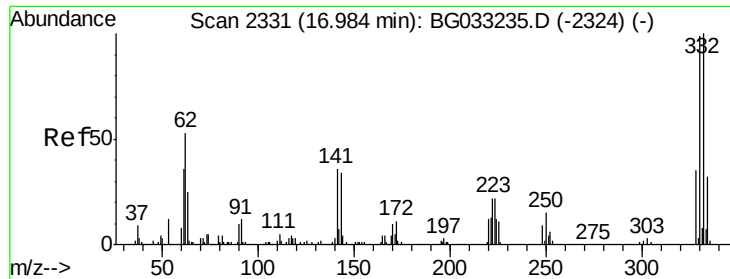
Tot Ion	82	Resp	372289
Ion	Ratio	Lower	Upper
82	100		
128	38.2	29.7	44.5
54	56.6	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. -0.00 min
 Lab File: BG033723.D
 Acq: 10 Apr 2018 21:10

Tgt Ion	164	Resp	119716
Ion	Ratio	Lower	Upper
164	100		
162	99.0	78.8	118.2
160	47.0	35.4	53.0





#41

2,4,6-Tribromophenol

Concen: 124.790 ng

RT: 16.95 min Scan# 2324

Delta R.T. -0.00 min

Lab File: BG033723.D

Acq: 10 Apr 2018 21:10

Instrument :

BNA_G

ClientSampleId :

CG-1

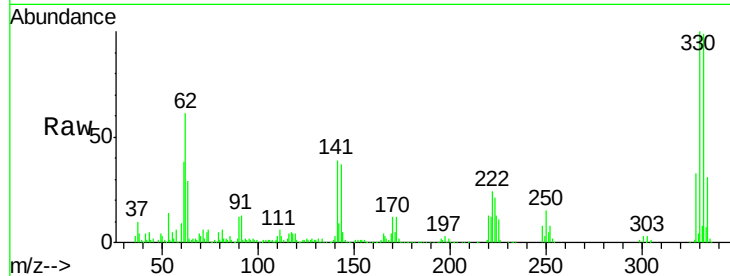
Tot Ion:330 Resp: 223435

Ion Ratio Lower Upper

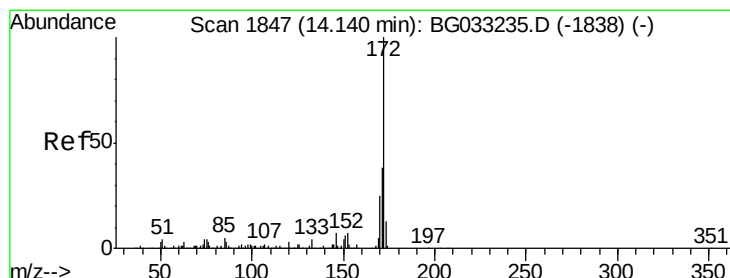
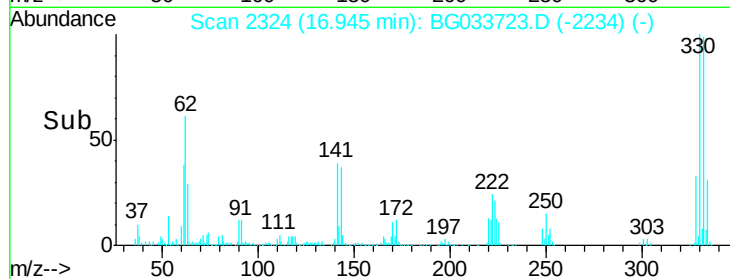
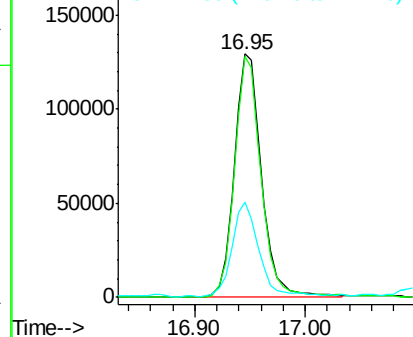
330 100

332 95.7 77.0 115.6

141 38.3 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: 105.705 ng

RT: 14.10 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BG033723.D

Acq: 10 Apr 2018 21:10

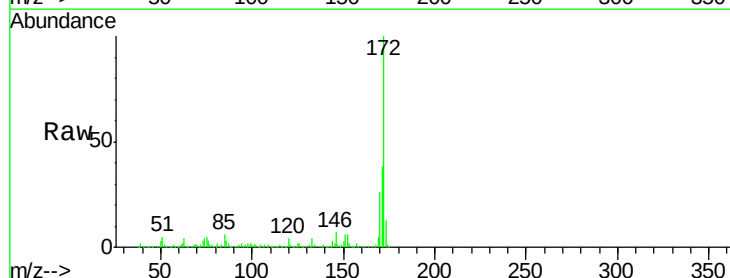
Tgt Ion:172 Resp: 876577

Ion Ratio Lower Upper

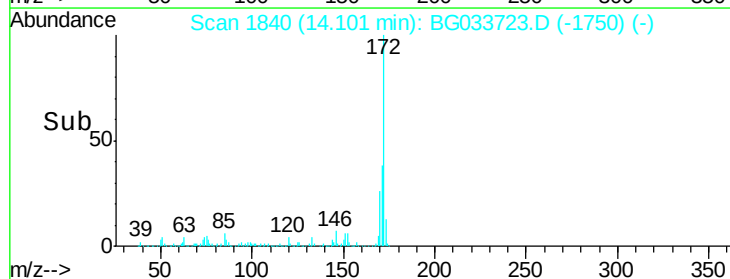
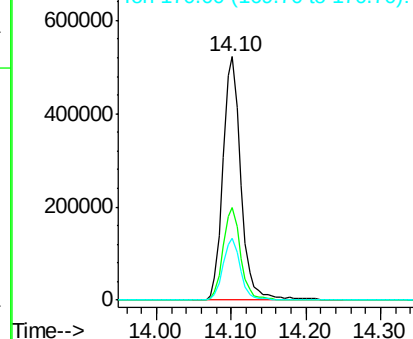
172 100

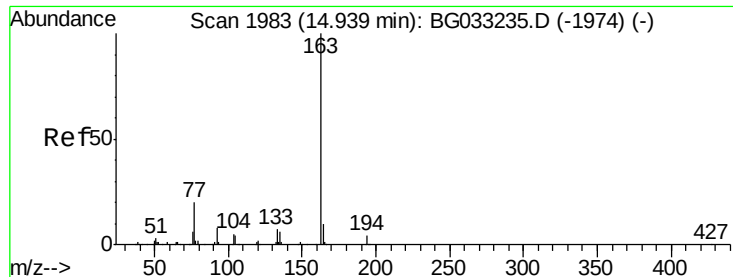
171 38.2 30.0 45.0

170 25.6 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: 2.266 ng

RT: 14.89 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG033723.D

Acq: 10 Apr 2018 21:10

Instrument :

BNA_G

ClientSampleId :

CG-1

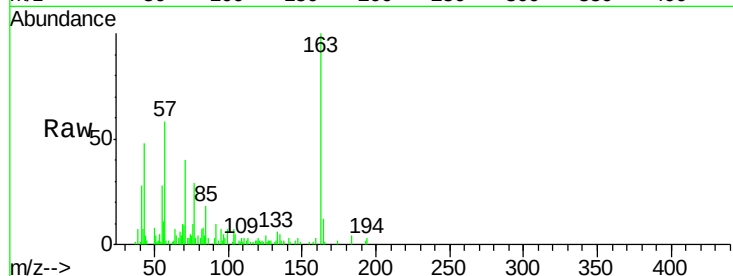
Tot Ion:163 Resp: 23612

Ion Ratio Lower Upper

163 100

194 3.3 3.4 5.2#

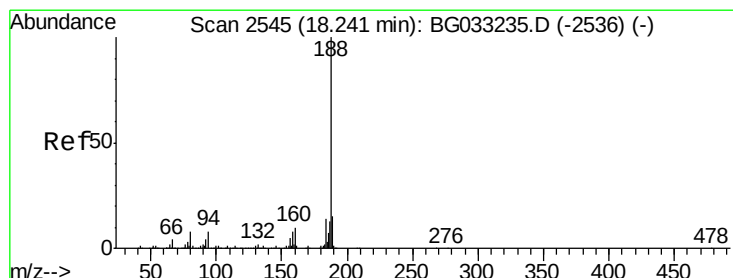
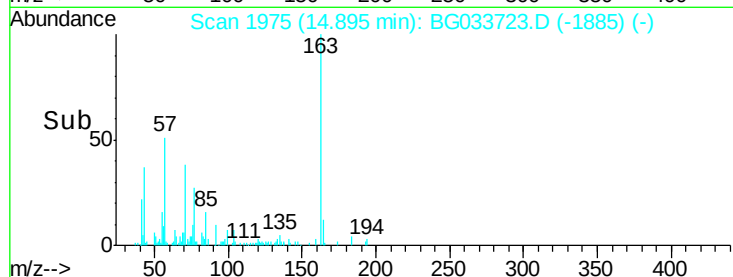
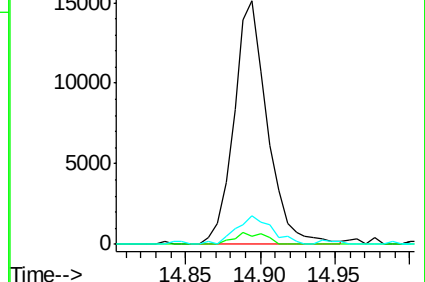
164 11.9 8.2 12.4



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: 18.20 min Scan# 2538

Delta R.T. -0.00 min

Lab File: BG033723.D

Acq: 10 Apr 2018 21:10

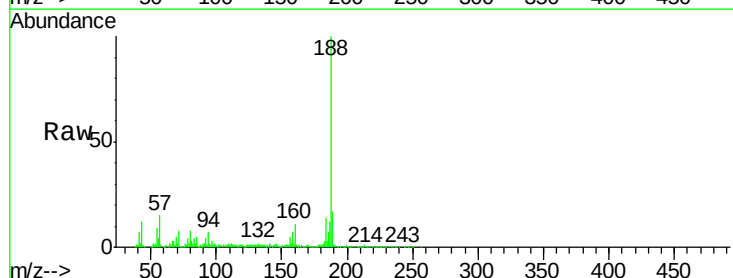
Tgt Ion:188 Resp: 294020

Ion Ratio Lower Upper

188 100

94 7.0 6.9 10.3

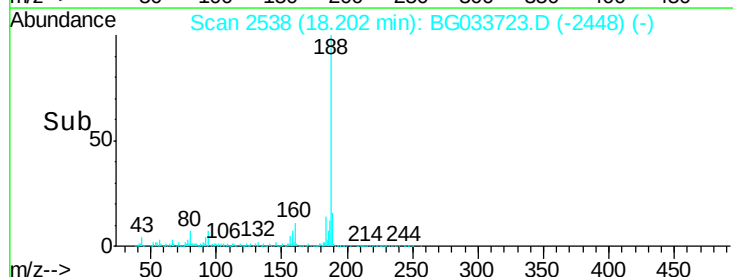
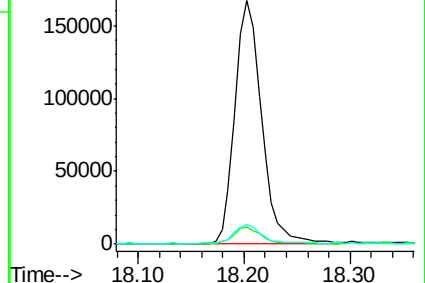
80 7.8 7.7 11.5

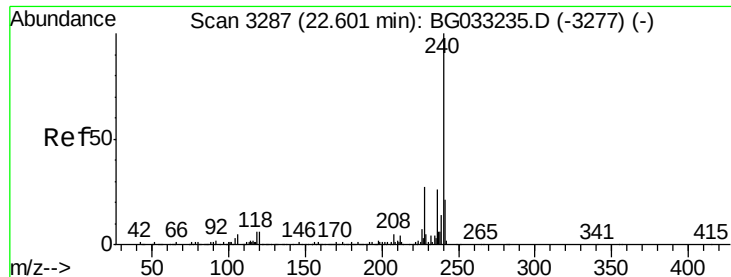


Abundance Ion 188.00 (187.70 to 188.70): E

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: 22.54 min Scan# 3277

Delta R.T. -0.01 min

Lab File: BG033723.D

Acq: 10 Apr 2018 21:10

Instrument :

BNA_G

ClientSampleId :

CG-1

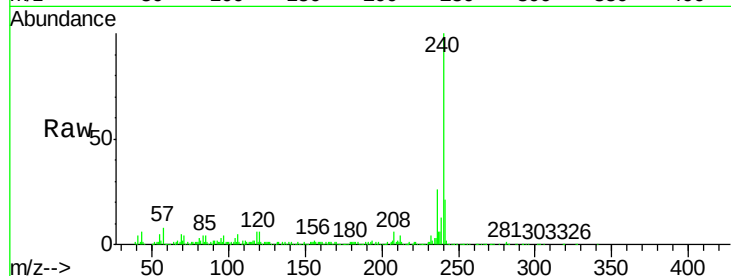
Tot Ion:240 Resp: 323890

Ion Ratio Lower Upper

240 100

120 6.1 6.8 10.2#

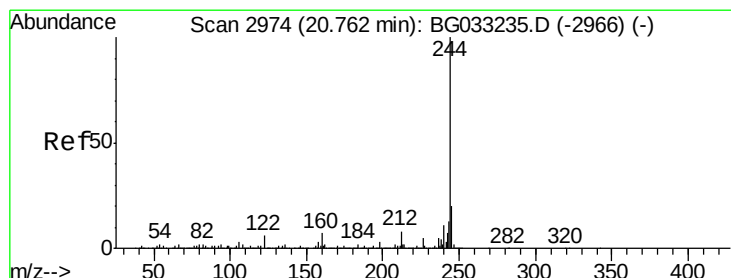
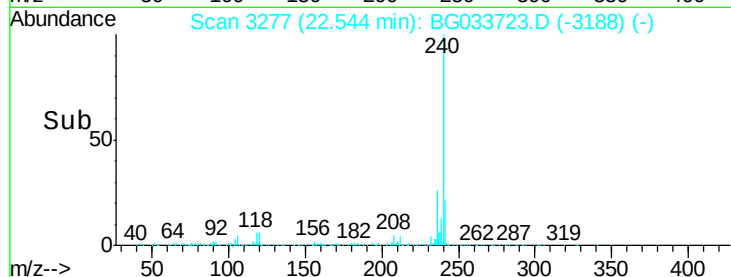
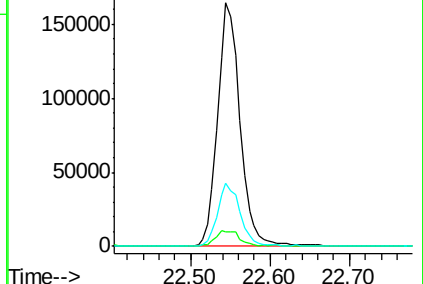
236 26.0 20.9 31.3



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: 101.024 ng

RT: 20.72 min Scan# 2967

Delta R.T. -0.00 min

Lab File: BG033723.D

Acq: 10 Apr 2018 21:10

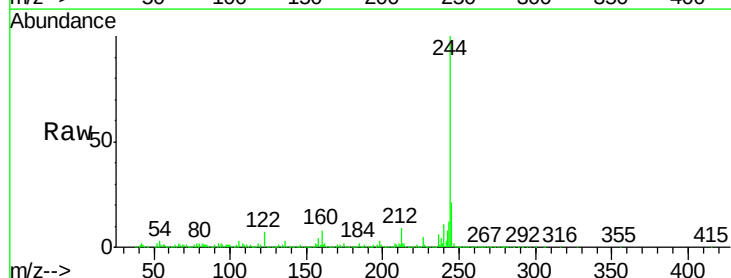
Tgt Ion:244 Resp: 1529992

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

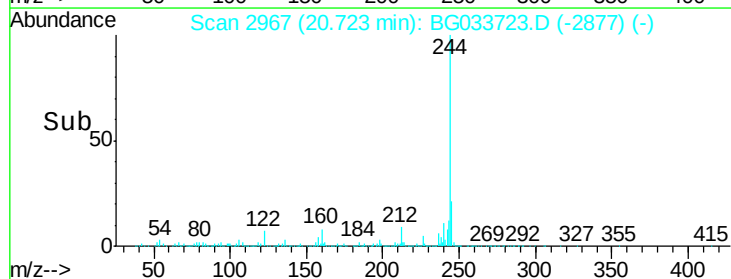
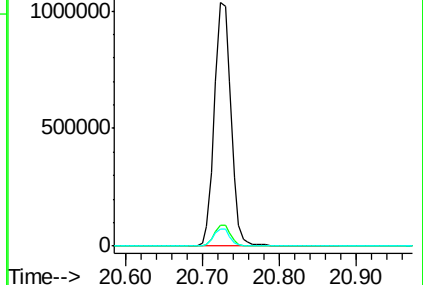
122 7.2 7.0 10.4

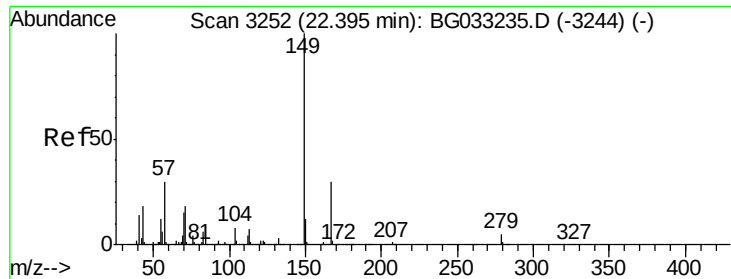


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

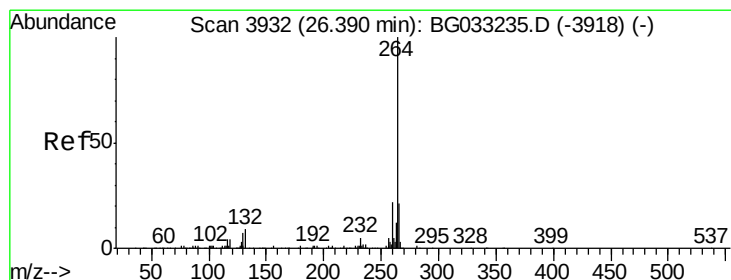
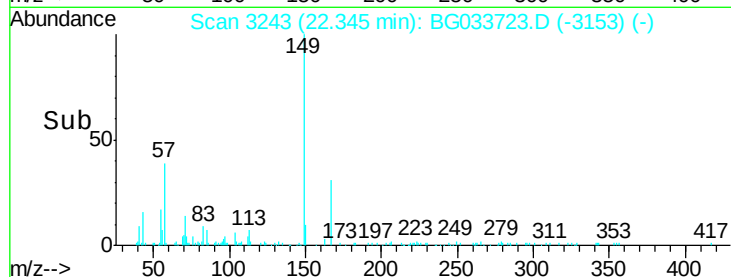
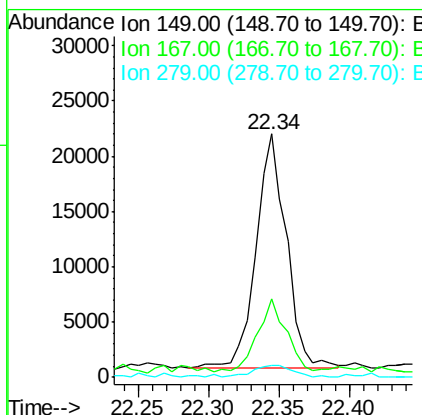
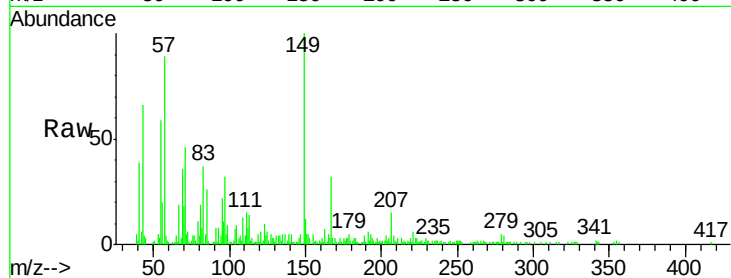




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.891 ng
 RT: 22.34 min Scan# 3243
 Delta R.T. -0.00 min
 Lab File: BG033723.D
 Acq: 10 Apr 2018 21:10

Instrument :
 BNA_G
 ClientSampleId :
 CG-1

Tot Ion:149 Resp: 31770
 Ion Ratio Lower Upper
 149 100
 167 32.4 24.3 36.5
 279 4.7 4.0 6.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.31 min Scan# 3918
 Delta R.T. 0.00 min
 Lab File: BG033723.D
 Acq: 10 Apr 2018 21:10

Tgt Ion:264 Resp: 339477
 Ion Ratio Lower Upper
 264 100
 260 23.2 17.4 26.0
 265 22.3 17.7 26.5

