

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041118\
 Data File : BG033753.D
 Acq On : 11 Apr 2018 20:02
 Operator : SJ/JU
 Sample : J2320-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 040918-DBRI-E-U-B

Quant Time: Apr 12 01:59:22 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

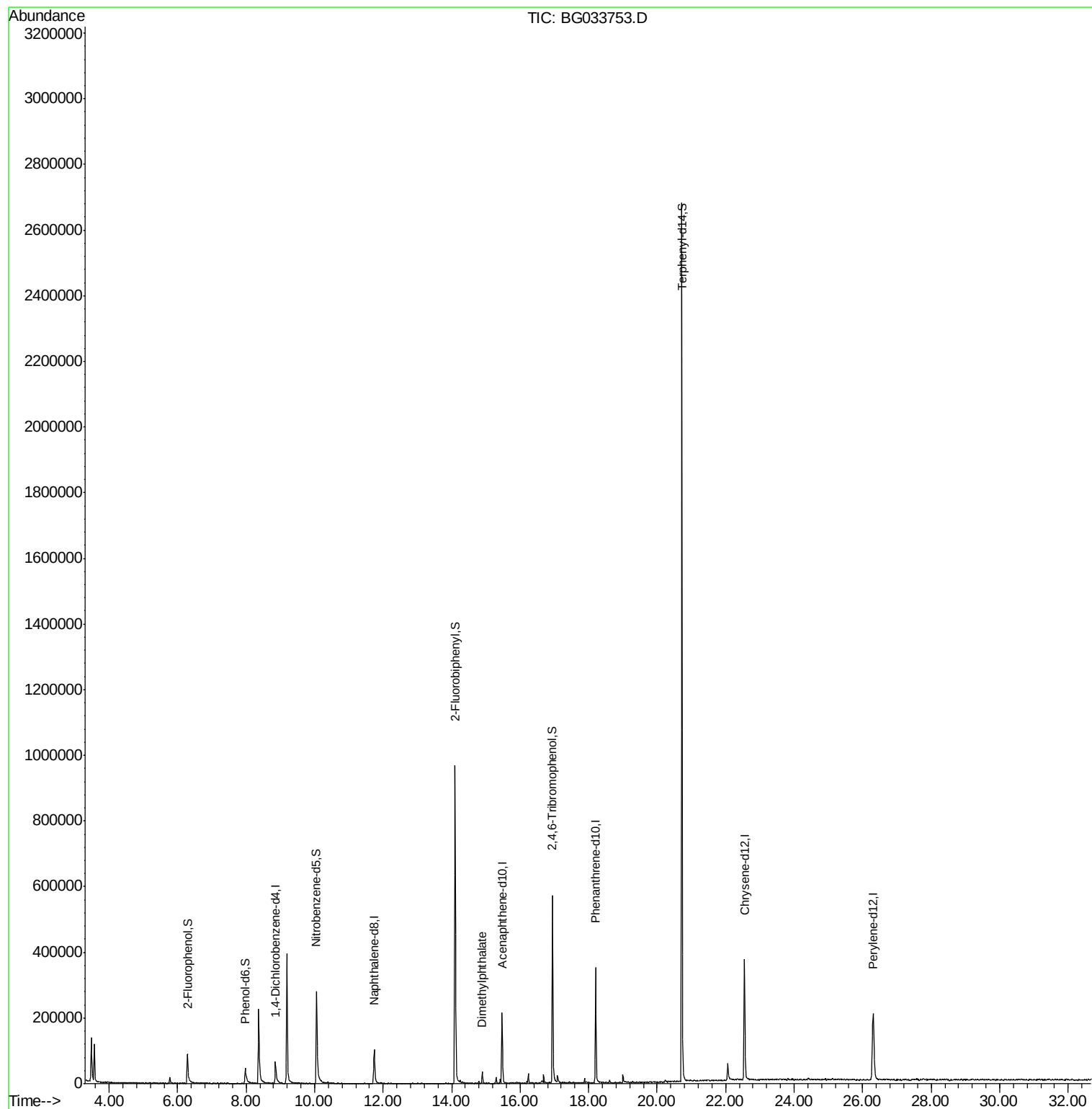
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.85	152	26419	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	106602	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	85356	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	247221	20.00	ng	0.00
75) Chrysene-d12	22.54	240	274339	20.00	ng	0.00
86) Perylene-d12	26.31	264	291202	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	49378	35.05	ng	0.00
7) Phenol-d6	7.97	99	44006	18.18	ng	0.00
23) Nitrobenzene-d5	10.05	82	233958	100.83	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	119899	93.92	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	568795	96.20	ng	0.00
78) Terphenyl-d14	20.72	244	1290974	100.64	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.89	163	22168	2.984	ng	Qvalue 96

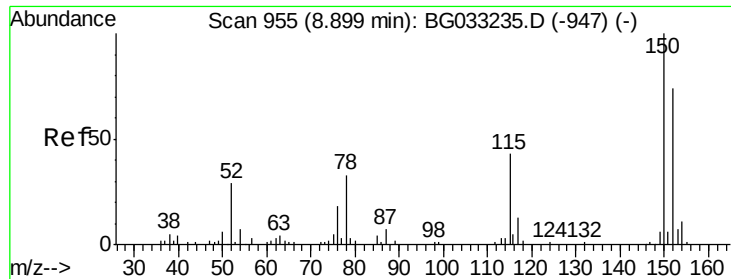
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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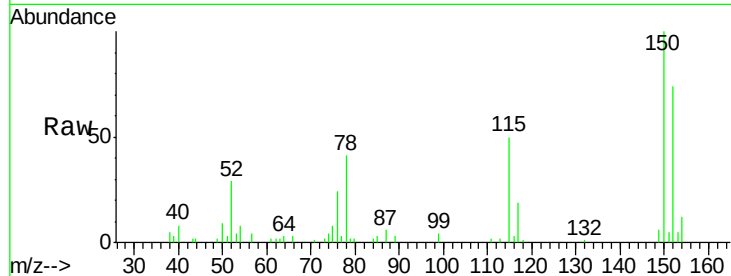


#1

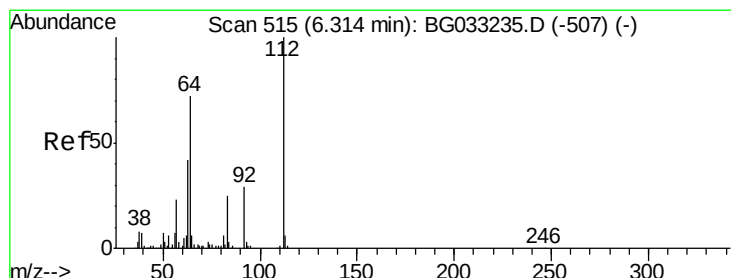
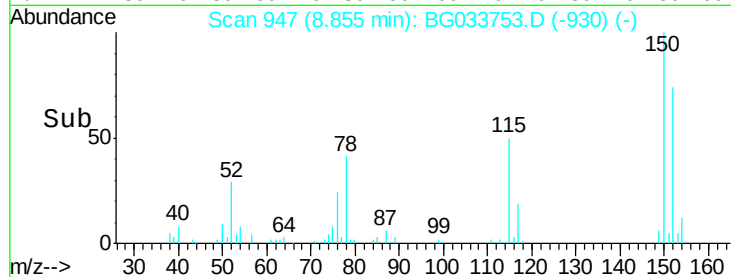
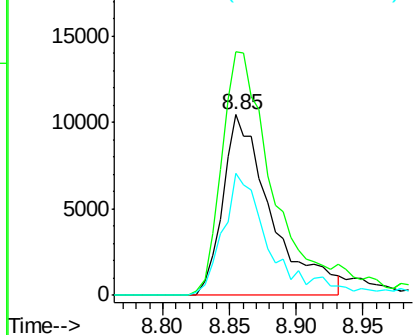
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.85 min Scan# 947
 Delta R.T. -0.00 min
 Lab File: BG033753.D
 Acq: 11 Apr 2018 20:02

Instrument :
 BNA_G
 ClientSampleId :
 040918-DBRI-E-U-B

Tot Ion:152 Resp: 26419
 Ion Ratio Lower Upper
 152 100
 150 135.0 126.6 189.8
 115 67.3 53.0 79.4



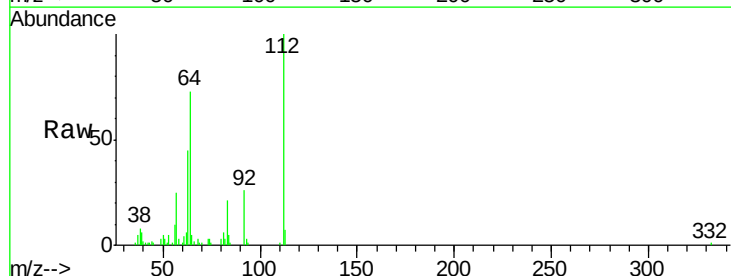
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



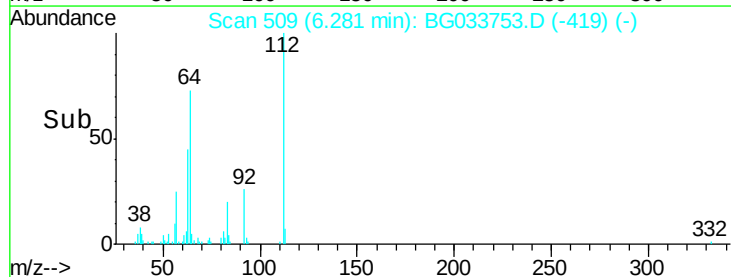
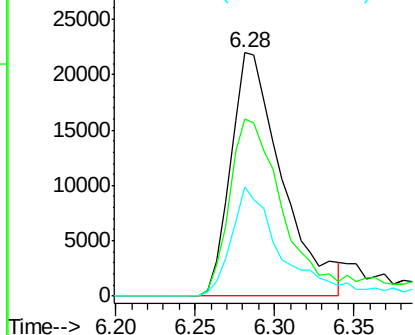
#5

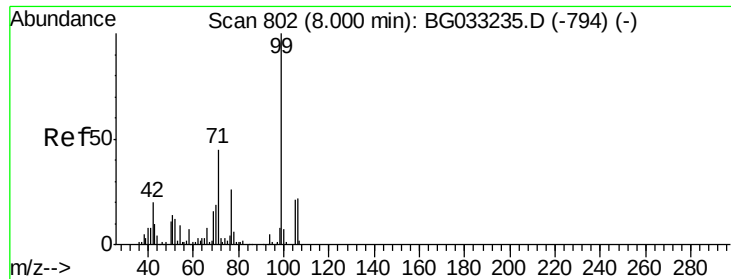
2-Fluorophenol
 Concen: 35.047 ng
 RT: 6.28 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: BG033753.D
 Acq: 11 Apr 2018 20:02

Tgt Ion:112 Resp: 49378
 Ion Ratio Lower Upper
 112 100
 64 72.5 56.3 84.5
 63 44.6 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: 18.178 ng

RT: 7.97 min Scan# 796

Delta R.T. -0.00 min

Lab File: BG033753.D

Acq: 11 Apr 2018 20:02

Instrument :

BNA_G

ClientSampleId :

040918-DBRI-E-U-B

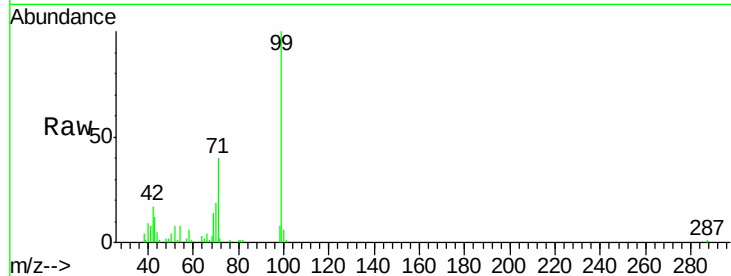
Tot Ion: 99 Resp: 44006

Ion Ratio Lower Upper

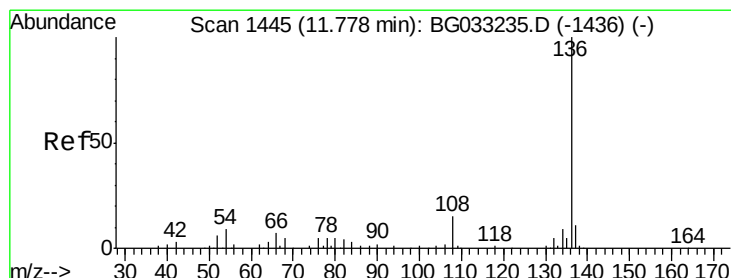
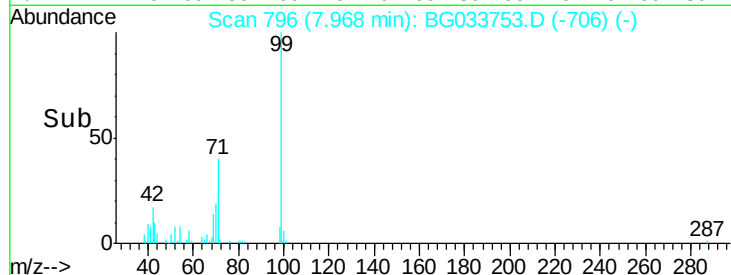
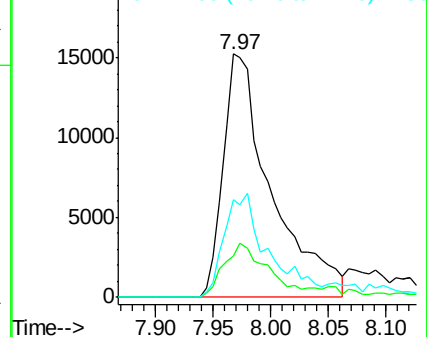
99 100

42 17.0 14.1 21.1

71 40.1 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: BG033753.D

Acq: 11 Apr 2018 20:02

Tgt Ion: 136 Resp: 106602

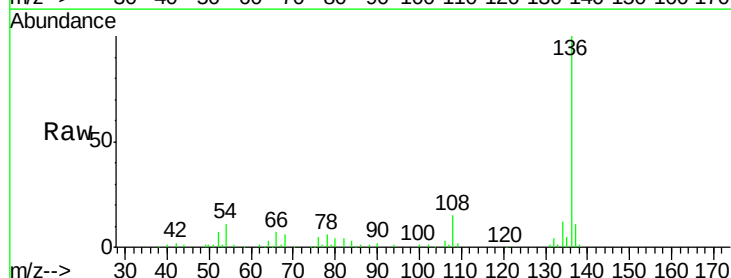
Ion Ratio Lower Upper

136 100

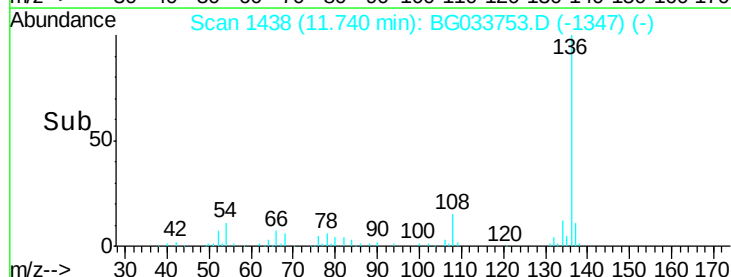
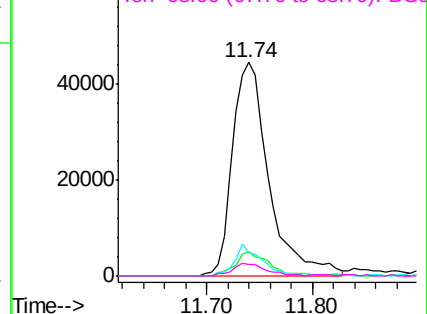
137 11.1 9.2 13.8

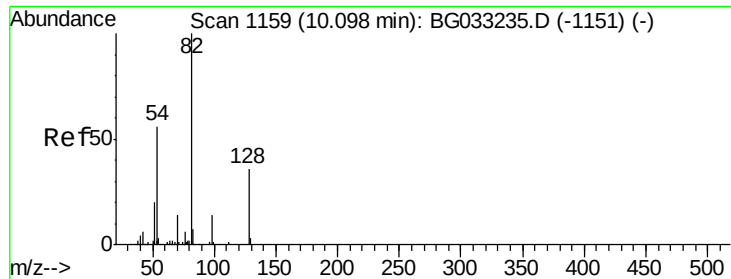
54 10.5 10.3 15.5

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

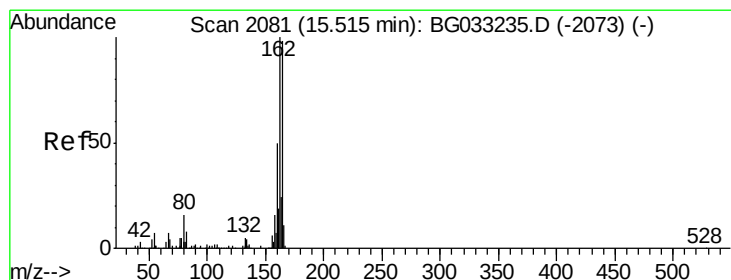
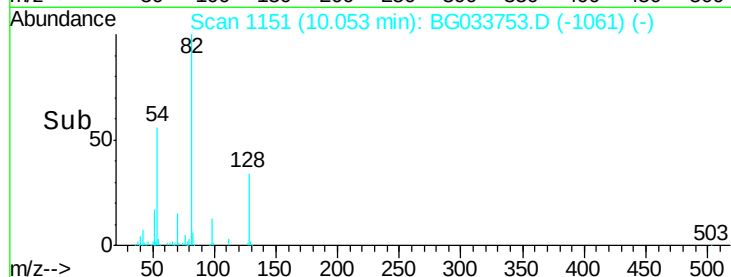
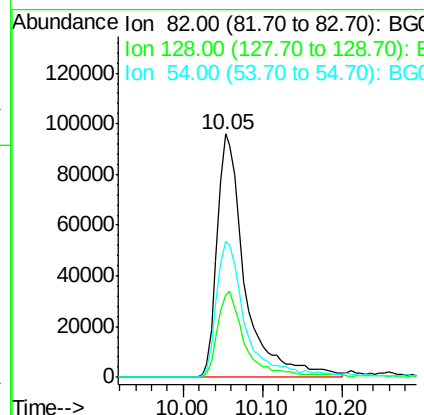
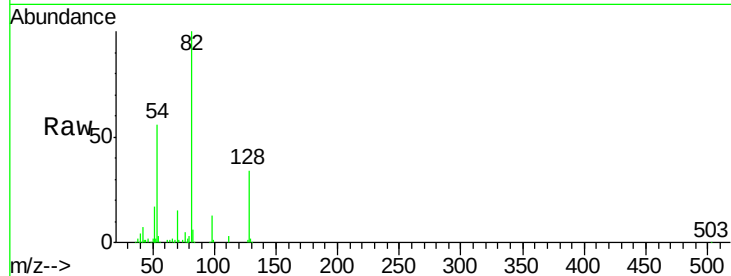




#23
 Nitrobenzene-d5
 Concen: 100.833 ng
 RT: 10.05 min Scan# 1151
 Delta R.T. -0.00 min
 Lab File: BG033753.D
 Acq: 11 Apr 2018 20:02

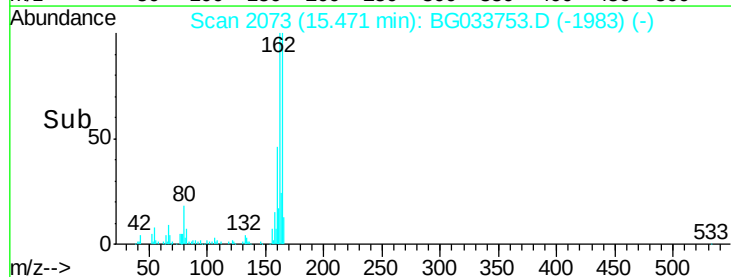
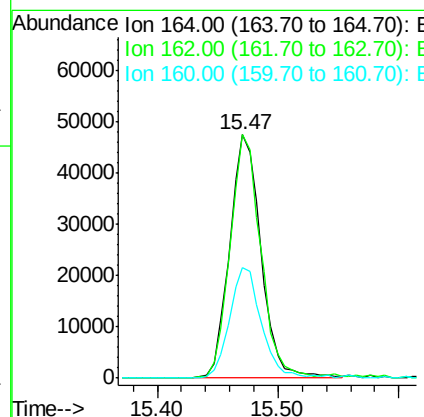
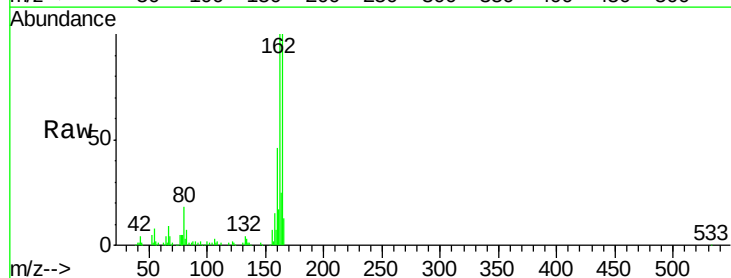
Instrument :
 BNA_G
 ClientSampleId :
 040918-DBRI-E-U-B

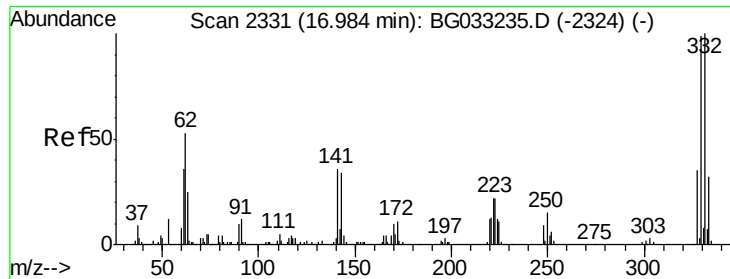
Tot Ion	82	Resp	233958
Ion Ratio	Lower	Upper	
82	100		
128	33.8	29.7	44.5
54	56.2	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. -0.00 min
 Lab File: BG033753.D
 Acq: 11 Apr 2018 20:02

Tgt Ion	164	Resp	85356
Ion Ratio	Lower	Upper	
164	100		
162	100.2	78.8	118.2
160	45.6	35.4	53.0

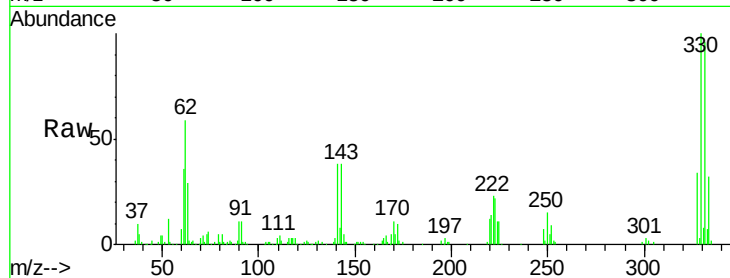




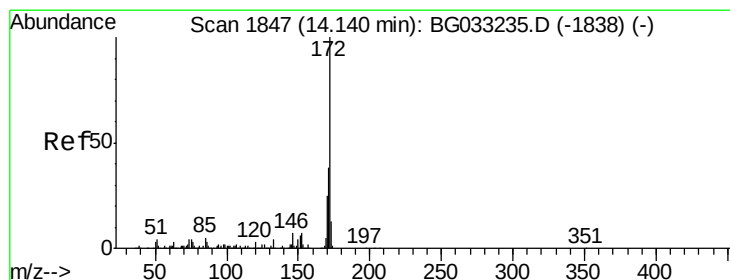
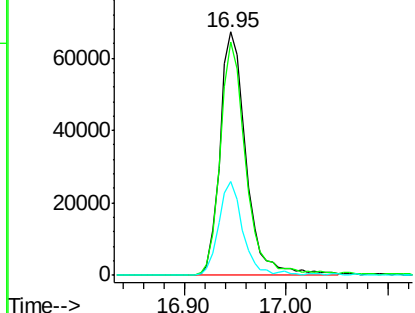
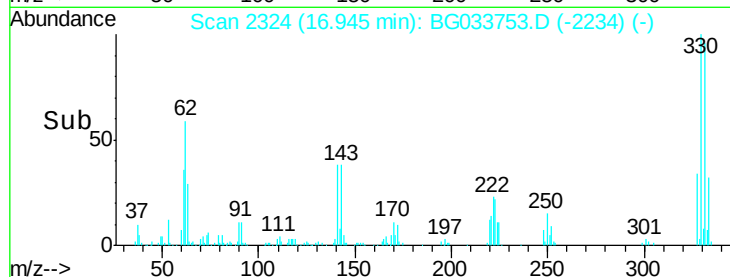
#41
 2,4,6-Tribromophenol
 Concen: 93.921 ng
 RT: 16.95 min Scan# 2324
 Delta R.T. -0.00 min
 Lab File: BG033753.D
 Acq: 11 Apr 2018 20:02

Instrument :
 BNA_G
 ClientSampleId :
 040918-DBRI-E-U-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.4	77.0	115.6
141	35.9	25.2	37.8

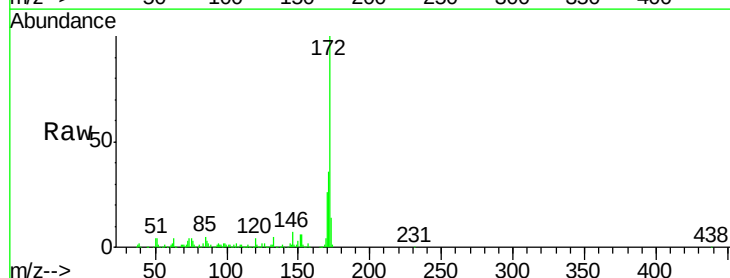


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

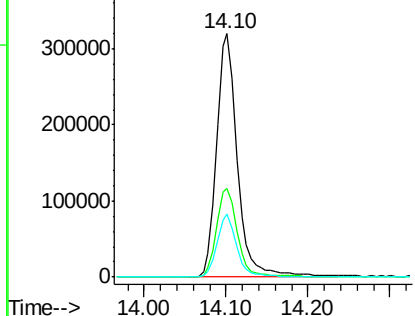
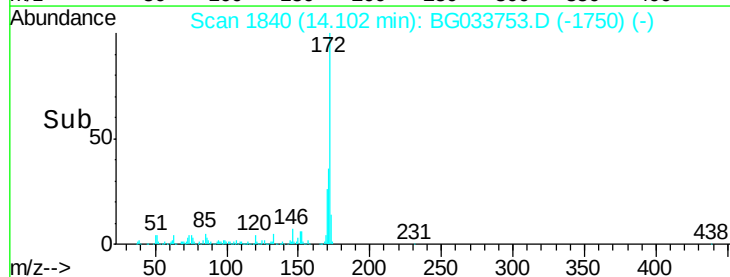


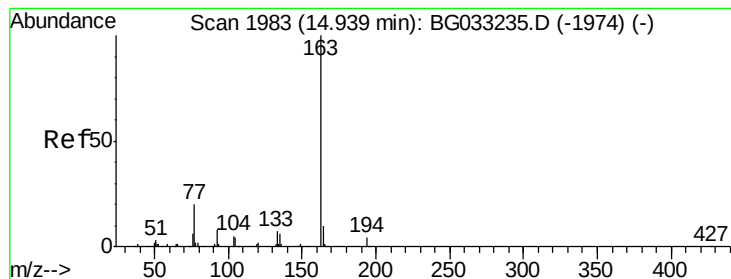
#44
 2-Fluorobiphenyl
 Concen: 96.201 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BG033753.D
 Acq: 11 Apr 2018 20:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.0	45.0
170	25.7	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: 2.984 ng

RT: 14.89 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG033753.D

Acq: 11 Apr 2018 20:02

Instrument :

BNA_G

ClientSampleId :

040918-DBRI-E-U-B

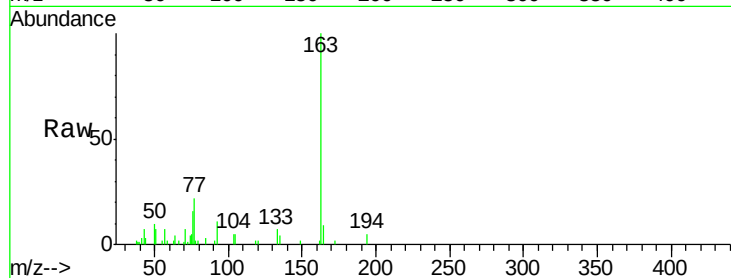
Tot Ion:163 Resp: 22168

Ion Ratio Lower Upper

163 100

194 5.1 3.4 5.2

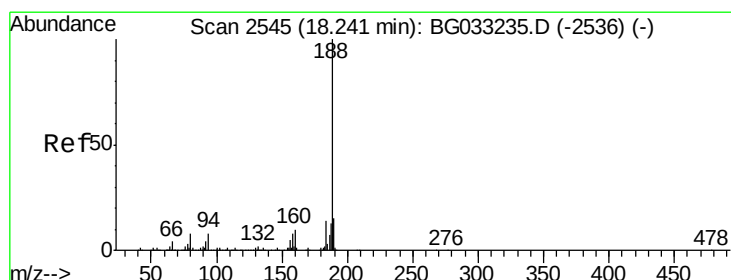
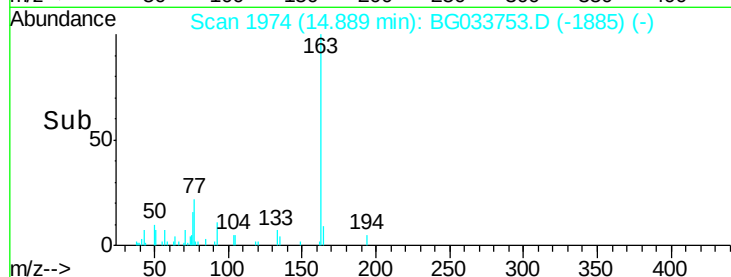
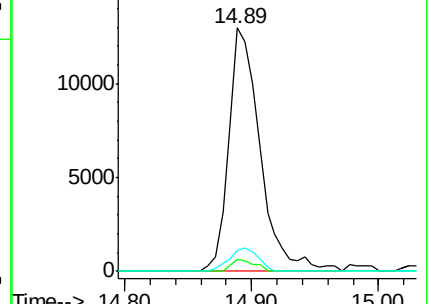
164 8.5 8.2 12.4



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: BG033753.D

Acq: 11 Apr 2018 20:02

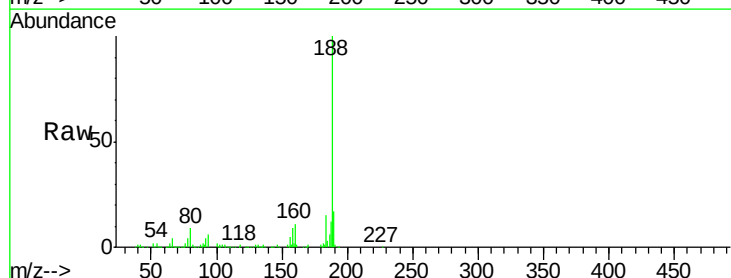
Tgt Ion:188 Resp: 247221

Ion Ratio Lower Upper

188 100

94 6.1 6.9 10.3#

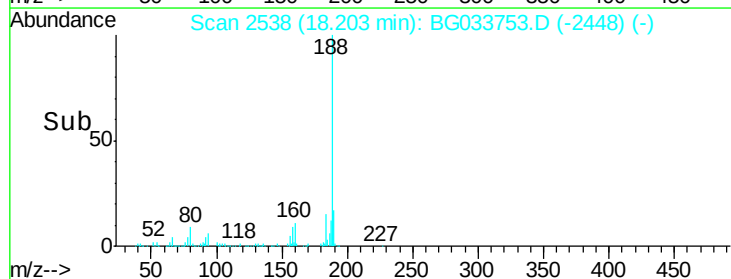
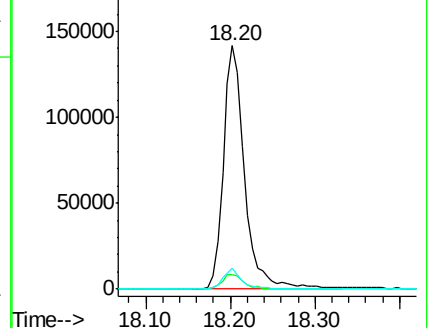
80 8.5 7.7 11.5

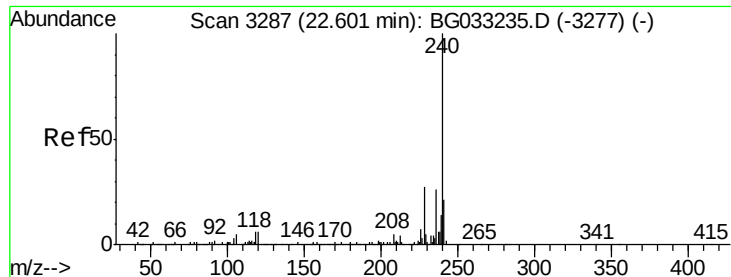


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG033753.D

Acq: 11 Apr 2018 20:02

Instrument :

BNA_G

ClientSampleId :

040918-DBRI-E-U-B

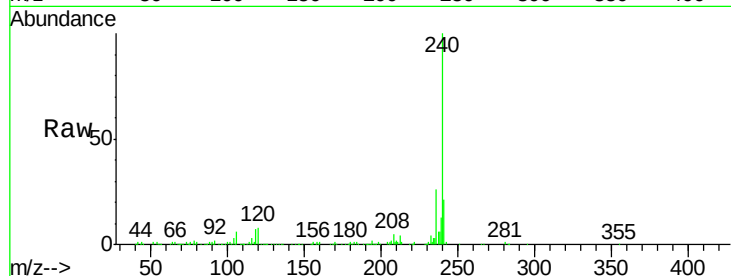
Tot Ion:240 Resp: 274339

Ion Ratio Lower Upper

240 100

120 7.6 6.8 10.2

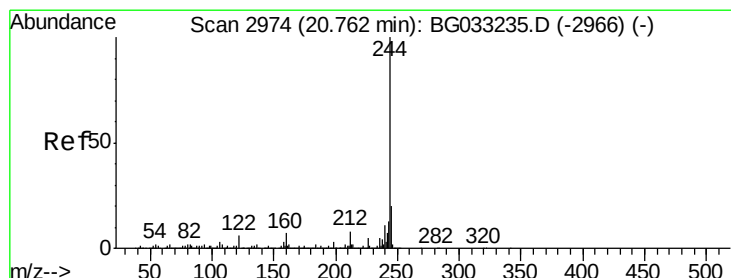
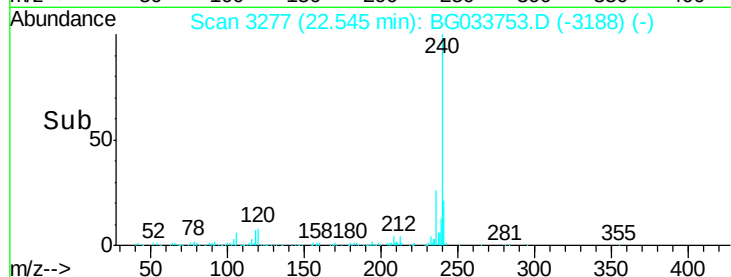
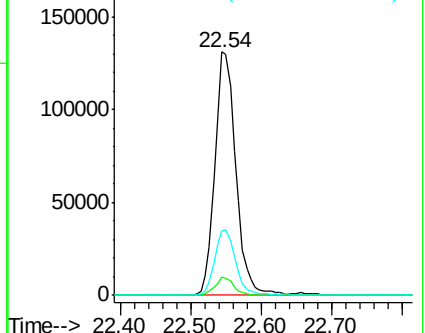
236 26.2 20.9 31.3



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: 100.638 ng

RT: 20.72 min Scan# 2967

Delta R.T. -0.00 min

Lab File: BG033753.D

Acq: 11 Apr 2018 20:02

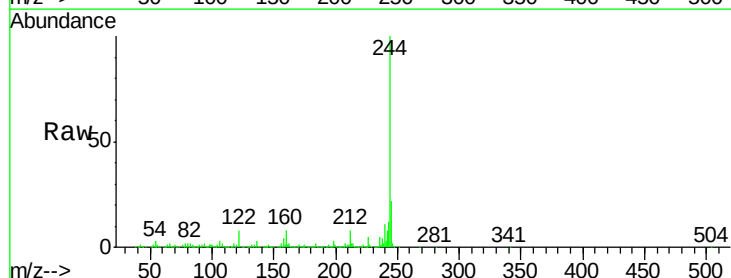
Tgt Ion:244 Resp: 1290974

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

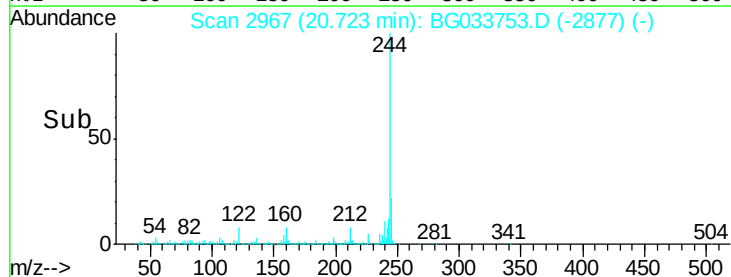
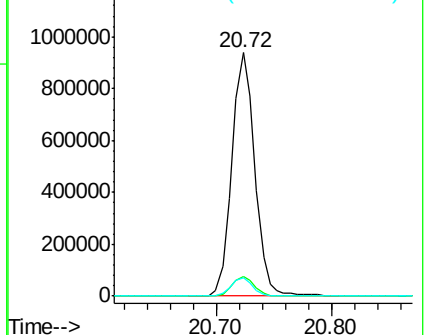
122 7.5 7.0 10.4

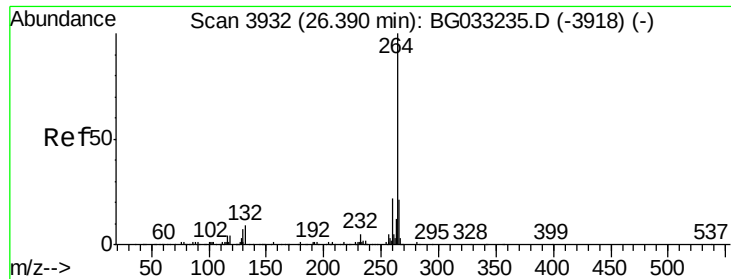


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.31 min Scan# 3918
Delta R.T. 0.00 min
Lab File: BG033753.D
Acq: 11 Apr 2018 20:02

Instrument :
BNA_G
ClientSampleId :
040918-DBRI-E-U-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	17.4	26.0
265	22.1	17.7	26.5

