

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040318\
 Data File : BG033543.D
 Acq On : 4 Apr 2018 3:51
 Operator : SJ/JU
 Sample : J2178-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S6-TP

Quant Time: Apr 04 04:43:01 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 03 14:50:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	27860	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	131923	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	108539	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	303146	20.00	ng	0.00
75) Chrysene-d12	22.56	240	312900	20.00	ng	0.00
86) Perylene-d12	26.32	264	307497	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	283330	190.70	ng	0.00
7) Phenol-d6	7.98	99	378993	148.46	ng	0.00
23) Nitrobenzene-d5	10.06	82	311064	108.33	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	261851	161.31	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	760164	101.11	ng	0.00
78) Terphenyl-d14	20.73	244	1585422	108.36	ng	0.00

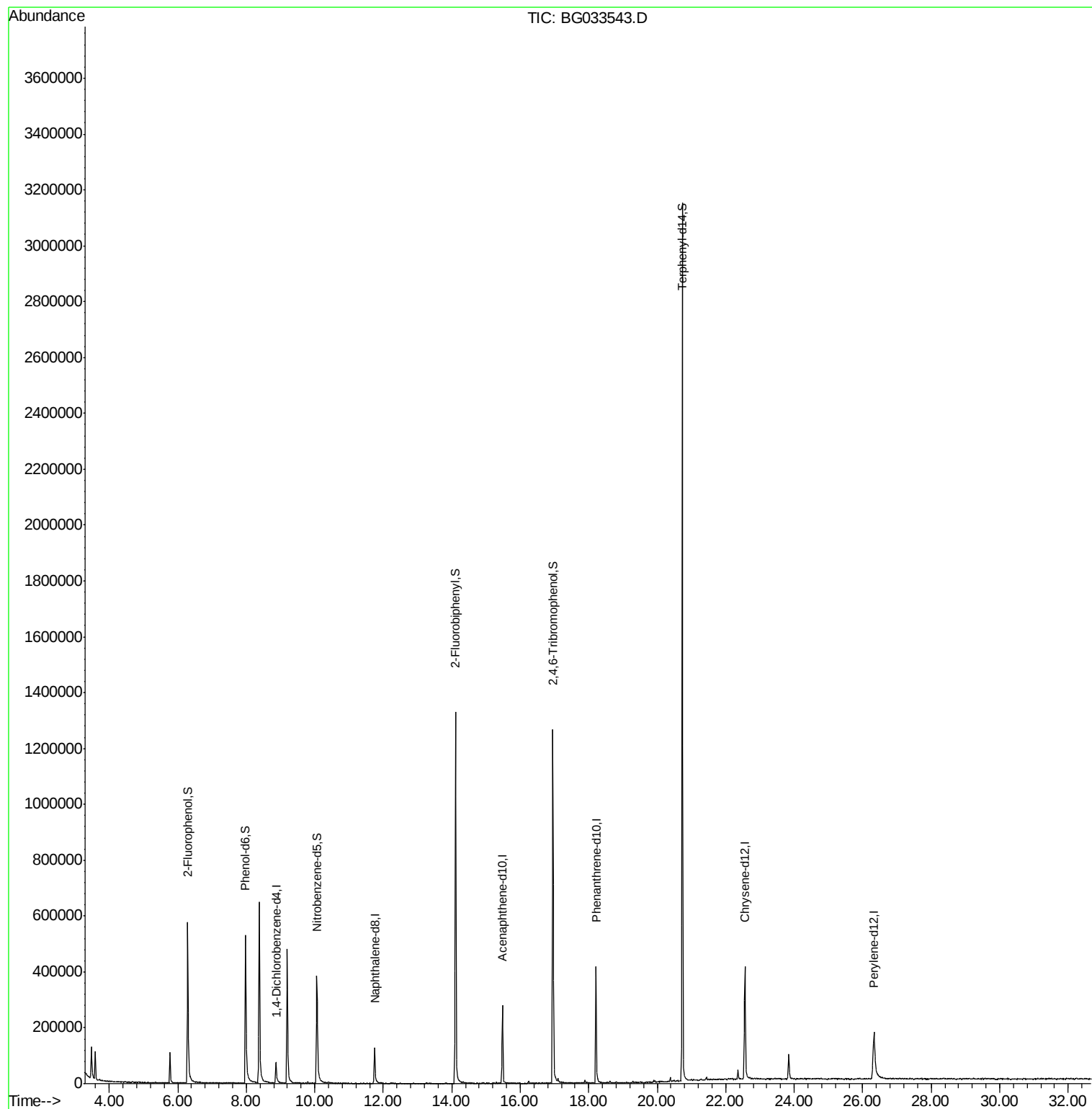
Target Compounds Qvalue

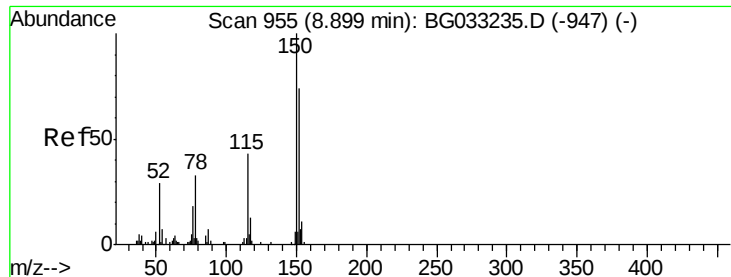
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.86 min Scan# 949

Delta R.T. -0.01 min

Lab File: BG033543.D

Acq: 4 Apr 2018 3:51

Instrument :

BNA_G

ClientSampleId :

S6-TP

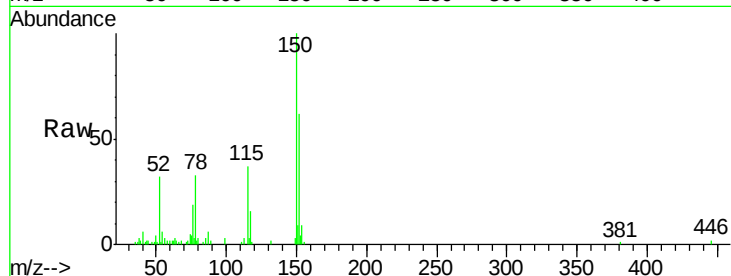
Tot Ion:152 Resp: 27860

Ion Ratio Lower Upper

152 100

150 160.1 126.6 189.8

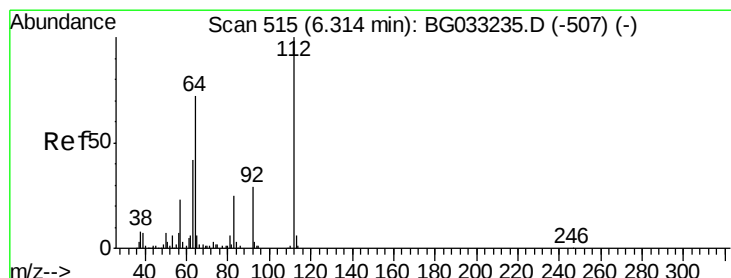
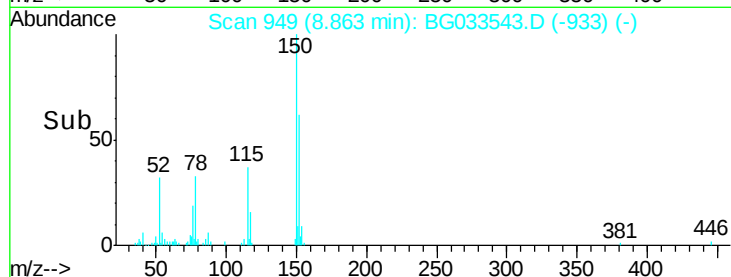
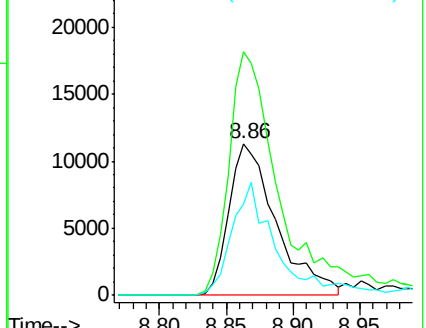
115 59.7 53.0 79.4



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: 190.696 ng

RT: 6.29 min Scan# 511

Delta R.T. -0.00 min

Lab File: BG033543.D

Acq: 4 Apr 2018 3:51

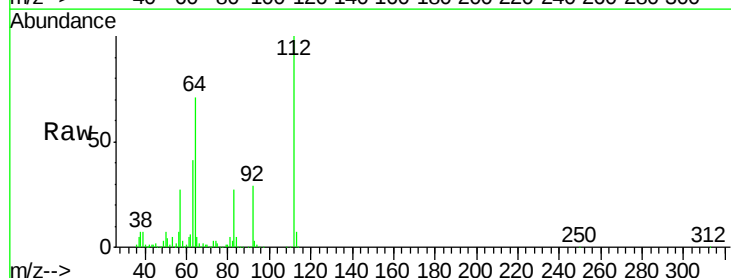
Tgt Ion:112 Resp: 283330

Ion Ratio Lower Upper

112 100

64 70.6 56.3 84.5

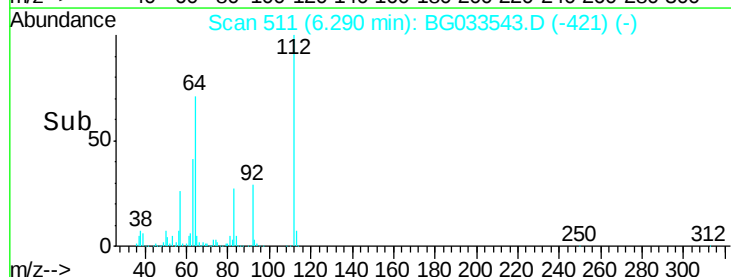
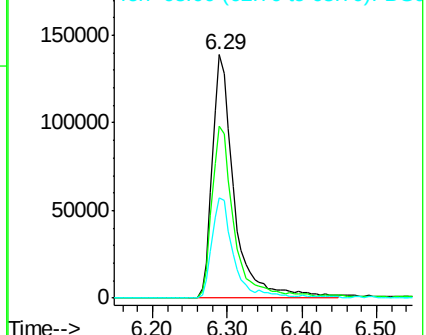
63 41.0 30.1 45.1

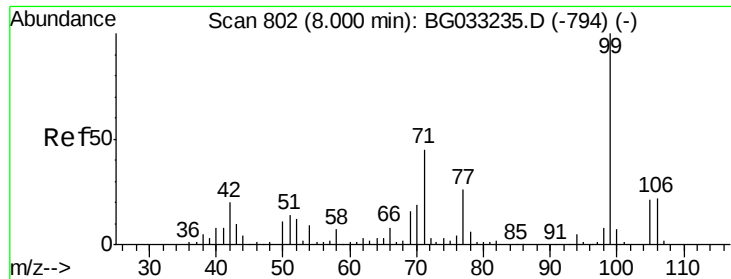


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 148.458 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.01 min

Lab File: BG033543.D

Acq: 4 Apr 2018 3:51

Instrument :

BNA_G

ClientSampleId :

S6-TP

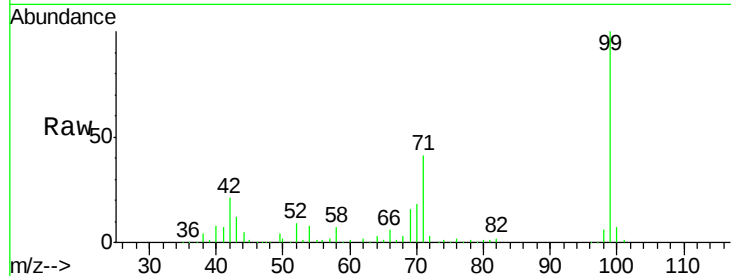
Tot Ion: 99 Resp: 378993

Ion Ratio Lower Upper

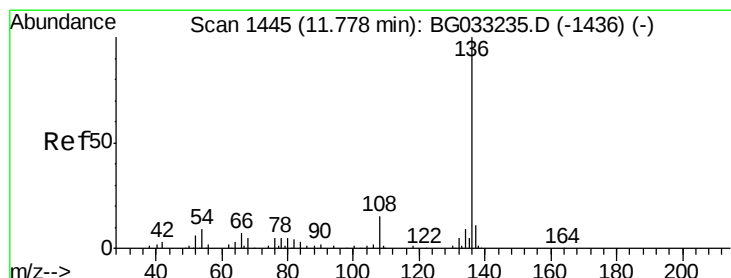
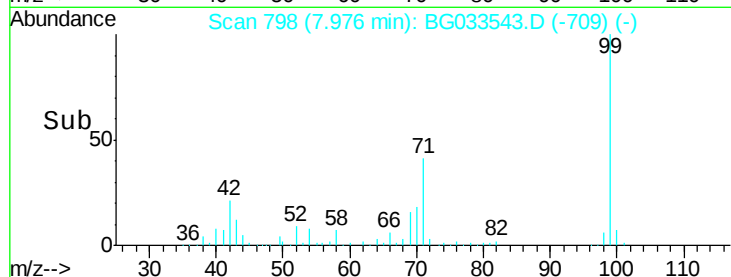
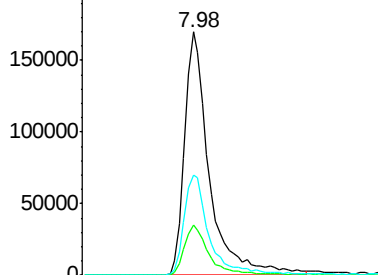
99 100

42 20.7 14.1 21.1

71 41.4 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# 1439

Delta R.T. -0.01 min

Lab File: BG033543.D

Acq: 4 Apr 2018 3:51

Tgt Ion: 136 Resp: 131923

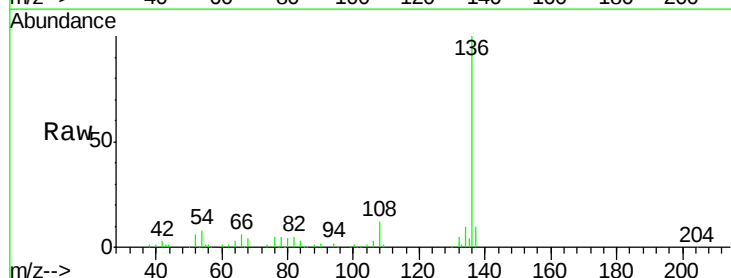
Ion Ratio Lower Upper

136 100

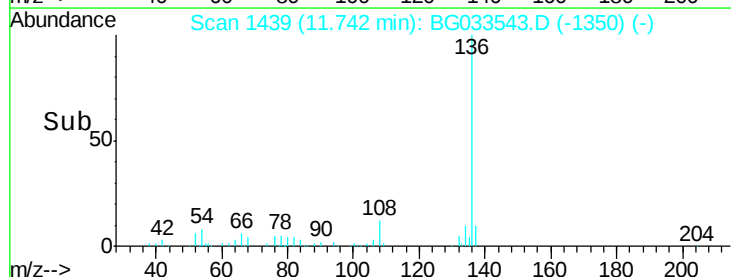
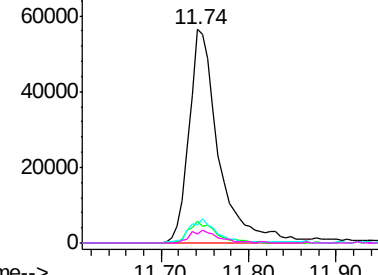
137 9.9 9.2 13.8

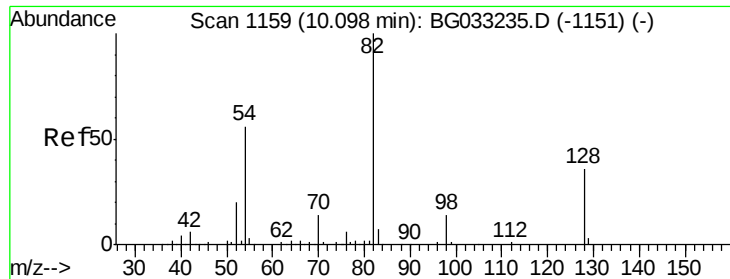
54 8.5 10.3 15.5#

68 4.5 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

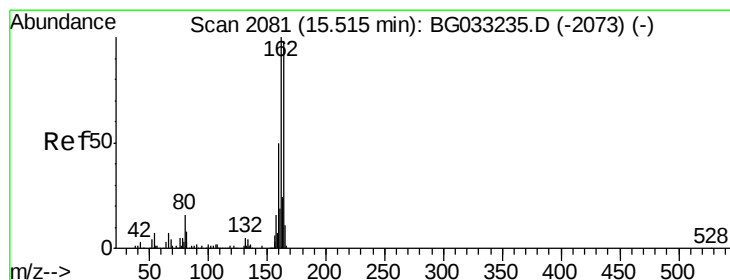
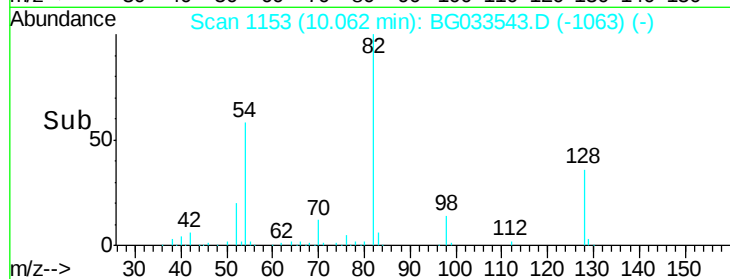
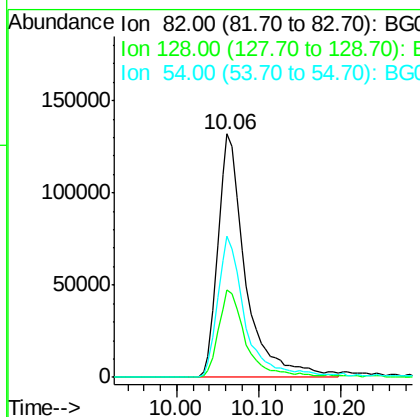
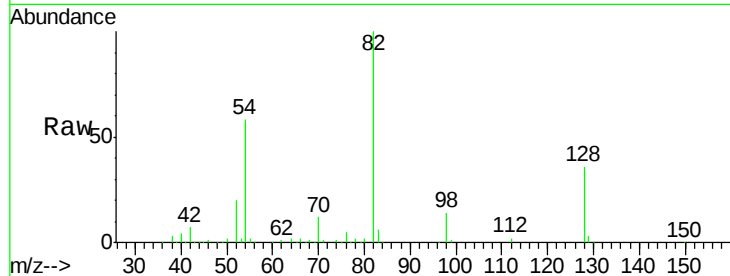




#23
Nitrobenzene-d5
Concen: 108.332 ng
RT: 10.06 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BG033543.D
Acq: 4 Apr 2018 3:51

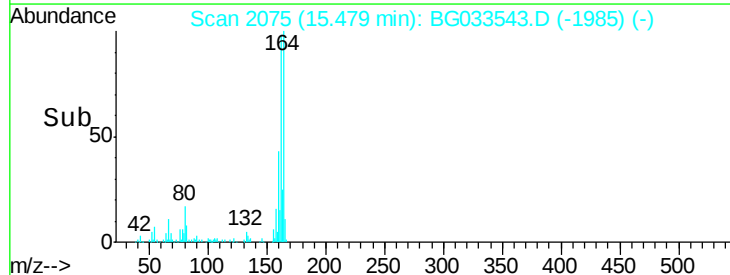
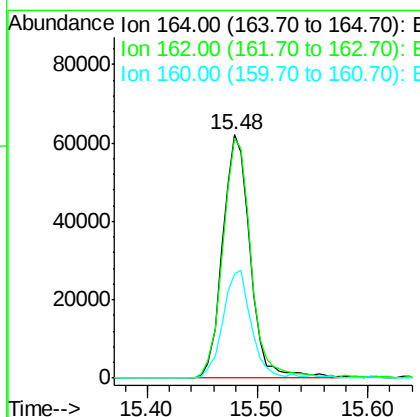
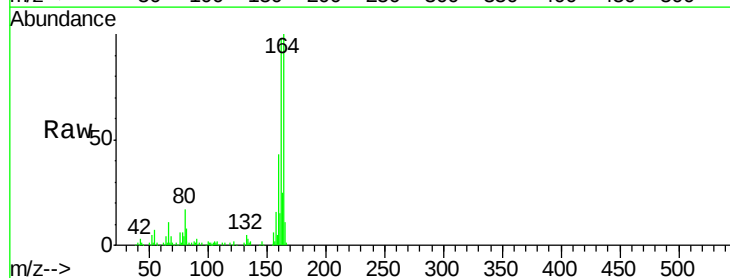
Instrument :
BNA_G
ClientSampleId :
S6-TP

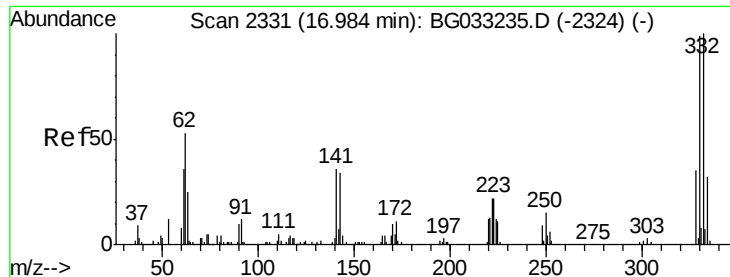
Tot Ion: 82 Resp: 311064
Ion Ratio Lower Upper
82 100
128 36.1 29.7 44.5
54 57.8 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.00 min
Lab File: BG033543.D
Acq: 4 Apr 2018 3:51

Tgt Ion:164 Resp: 108539
Ion Ratio Lower Upper
164 100
162 98.2 78.8 118.2
160 42.9 35.4 53.0

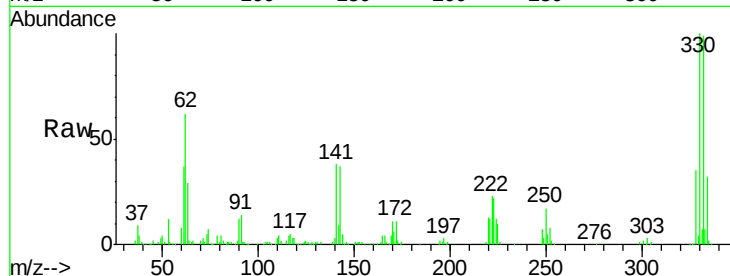




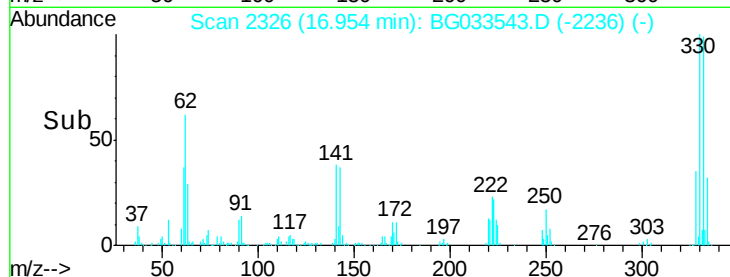
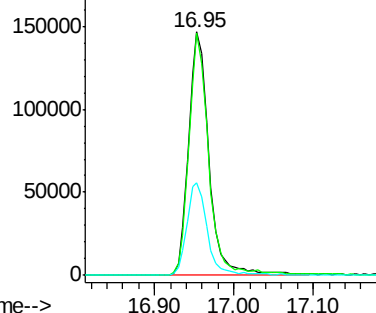
#41
 2,4,6-Tribromophenol
 Concen: 161.305 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033543.D
 Acq: 4 Apr 2018 3:51

Instrument :
 BNA_G
 ClientSampleId :
 S6-TP

Tot Ion:330 Resp: 261851
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 37.9 25.2 37.8#

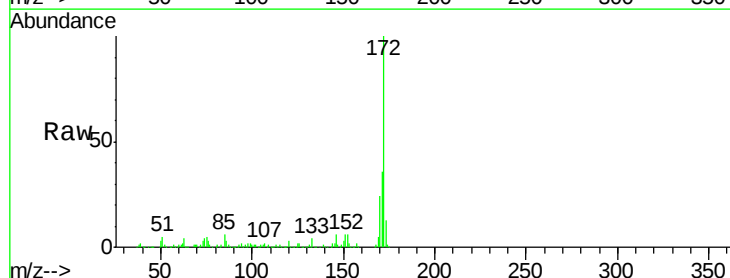


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

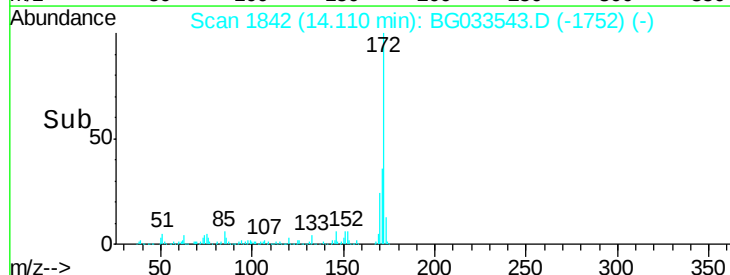
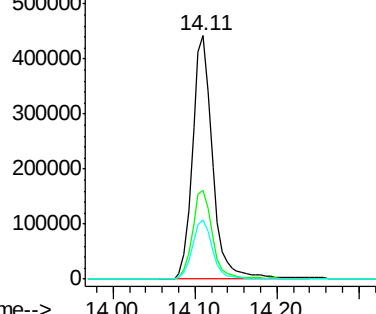


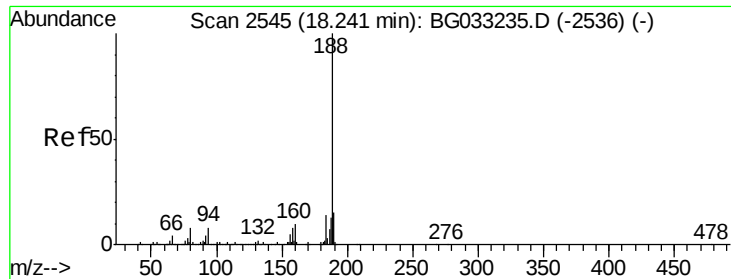
#44
 2-Fluorobiphenyl
 Concen: 101.106 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033543.D
 Acq: 4 Apr 2018 3:51

Tgt Ion:172 Resp: 760164
 Ion Ratio Lower Upper
 172 100
 171 36.5 30.0 45.0
 170 24.3 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.21 min Scan# 2540

Delta R.T. -0.00 min

Lab File: BG033543.D

Acq: 4 Apr 2018 3:51

Instrument :

BNA_G

ClientSampleId :

S6-TP

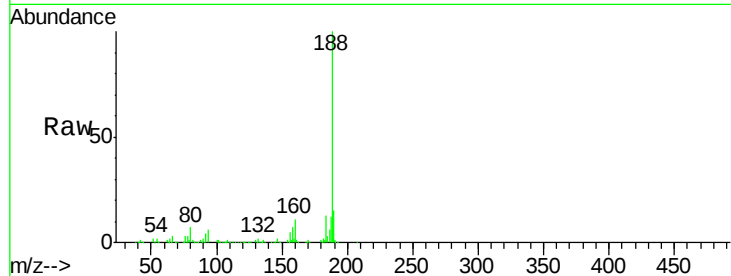
Tot Ion:188 Resp: 303146

Ion Ratio Lower Upper

188 100

94 5.5 6.9 10.3#

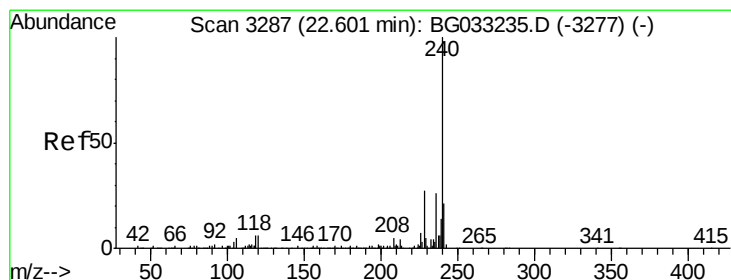
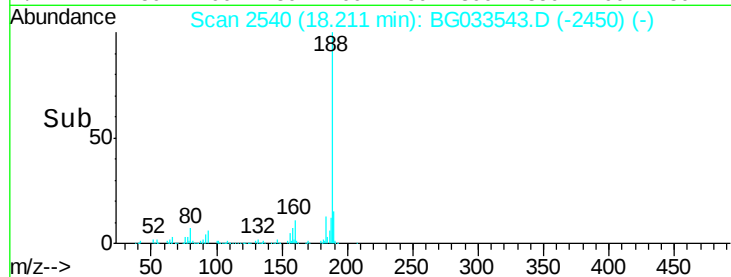
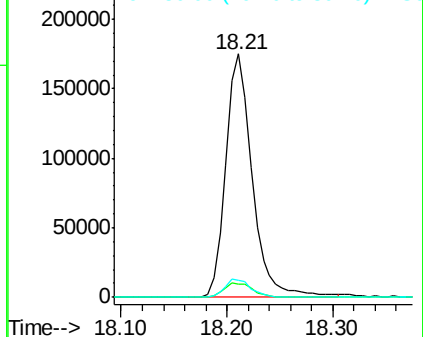
80 7.2 7.7 11.5#



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. 0.01 min

Lab File: BG033543.D

Acq: 4 Apr 2018 3:51

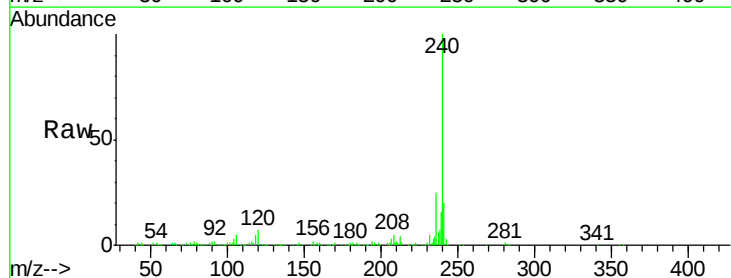
Tgt Ion:240 Resp: 312900

Ion Ratio Lower Upper

240 100

120 7.1 6.8 10.2

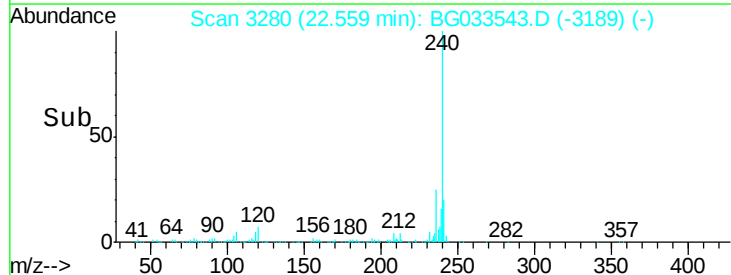
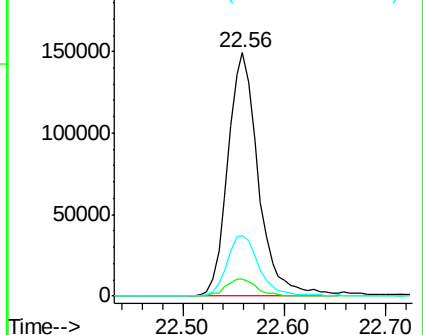
236 24.9 20.9 31.3

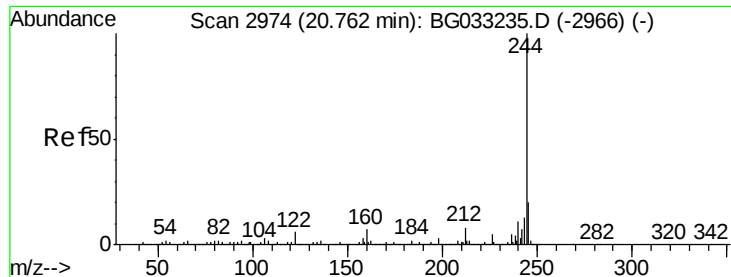


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 108.360 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033543.D

Acq: 4 Apr 2018 3:51

Instrument :

BNA_G

ClientSampleId :

S6-TP

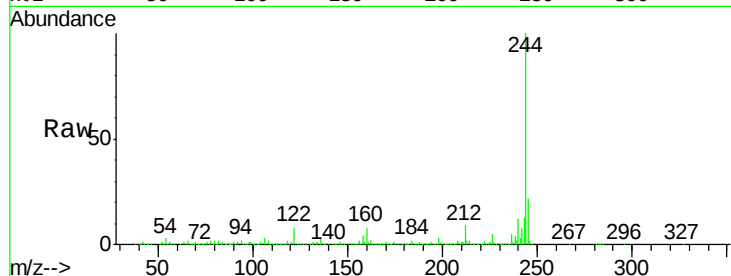
Tot Ion:244 Resp: 1585422

Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	7.6	7.0	10.4

244 100

212 8.7 5.8 8.8

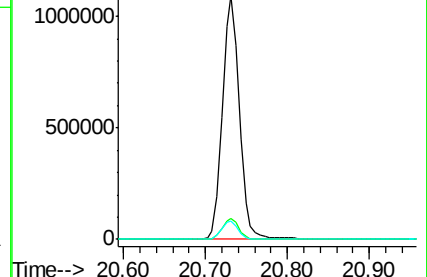
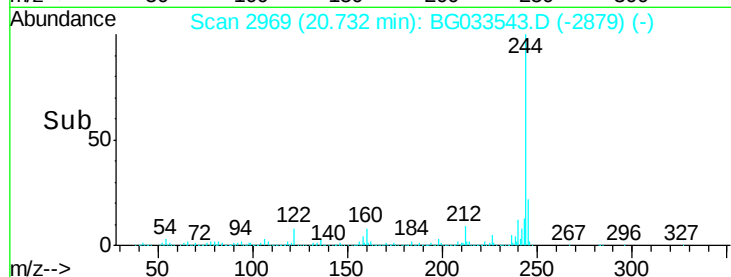
122 7.6 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 26.32 min Scan# 3920

Delta R.T. -0.00 min

Lab File: BG033543.D

Acq: 4 Apr 2018 3:51

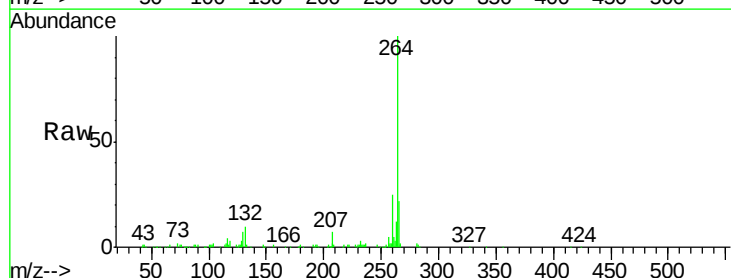
Tgt Ion:264 Resp: 307497

Ion	Ratio	Lower	Upper
264	100		
260	24.6	17.4	26.0
265	21.5	17.7	26.5

264 100

260 24.6 17.4 26.0

265 21.5 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

