

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040618\
 Data File : BG033653.D
 Acq On : 7 Apr 2018 6:47
 Operator : SJ/JU
 Sample : J2258-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 11984

Quant Time: Apr 09 02:12:42 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	33029	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	156062	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	123477	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	317812	20.00	ng	0.00
75) Chrysene-d12	22.55	240	323265	20.00	ng	0.00
86) Perylene-d12	26.32	264	307222	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	317443	180.22	ng	0.00
7) Phenol-d6	7.97	99	445844	147.31	ng	0.00
23) Nitrobenzene-d5	10.06	82	361011	106.28	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	258670	140.07	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	869763	101.69	ng	0.00
78) Terphenyl-d14	20.73	244	1582988	104.72	ng	0.00

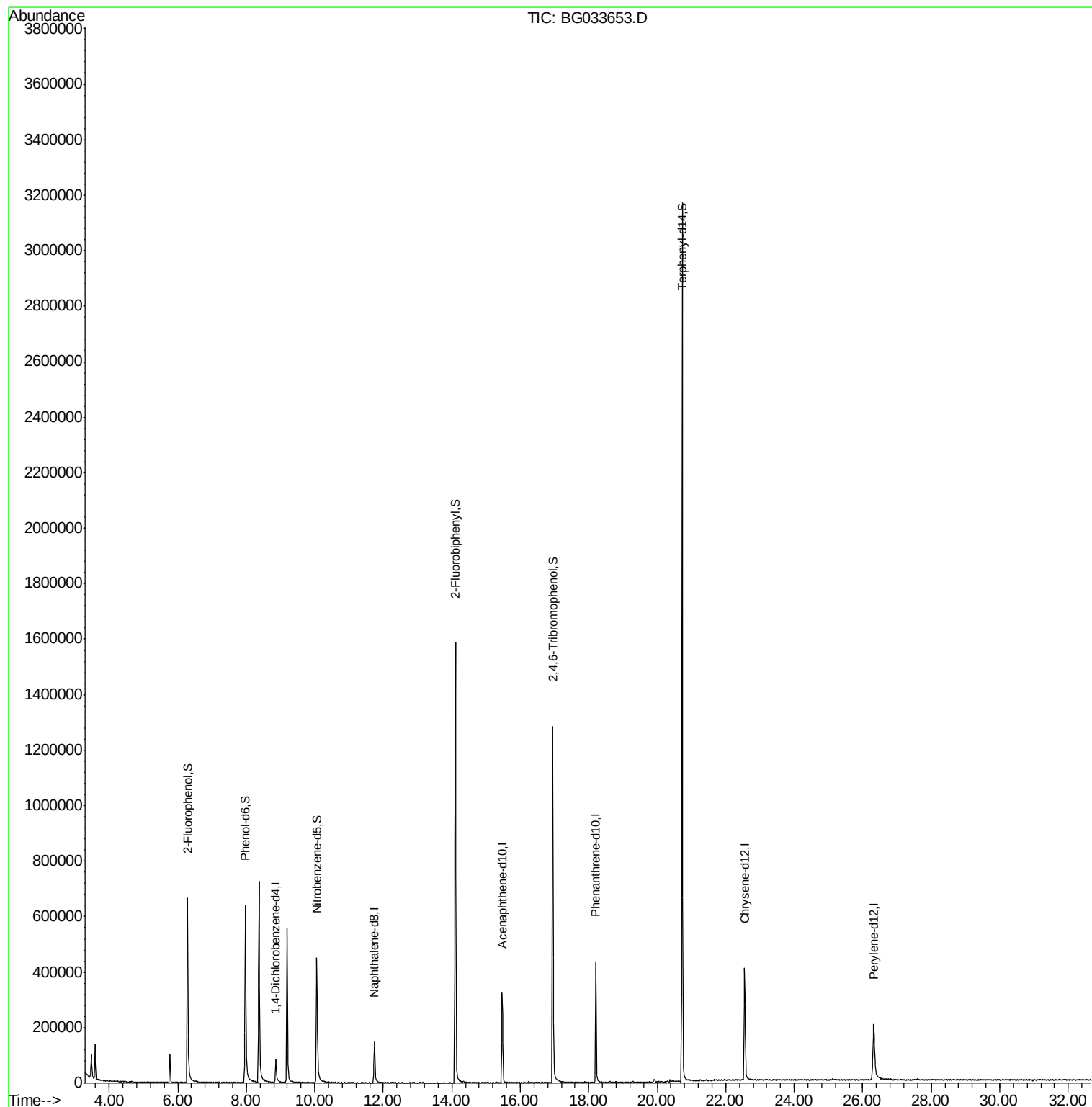
Target Compounds Qvalue

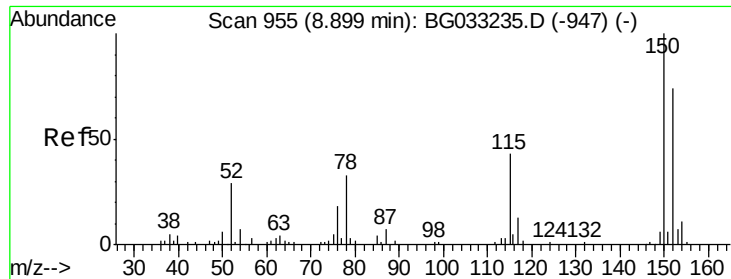
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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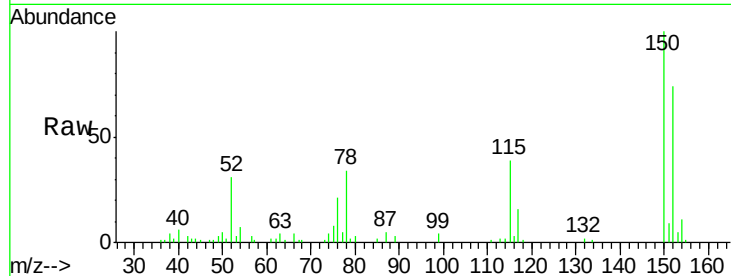


#1

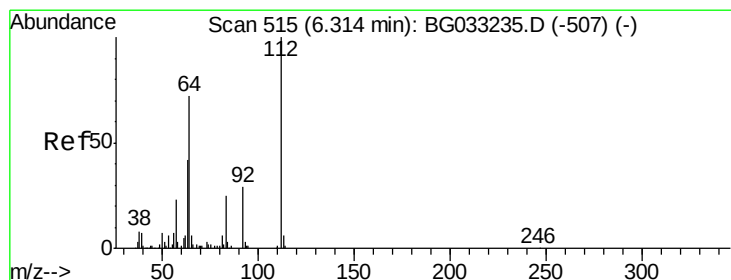
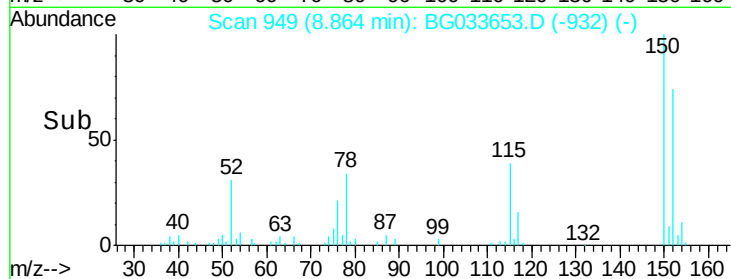
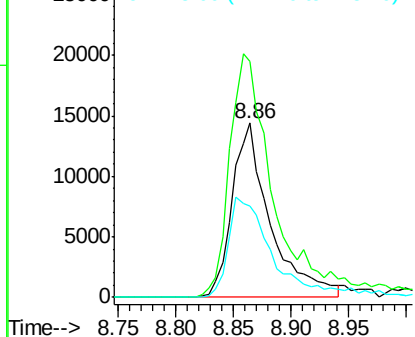
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. 0.00 min
Lab File: BG033653.D
Acq: 7 Apr 2018 6:47

Instrument :
BNA_G
ClientSampled :
11984

Tot Ion:152 Resp: 33029
Ion Ratio Lower Upper
152 100
150 135.0 126.6 189.8
115 52.7 53.0 79.4#



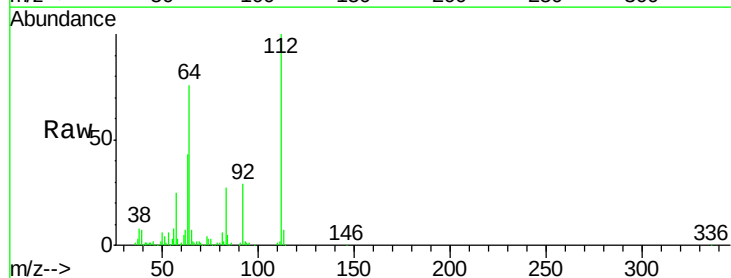
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



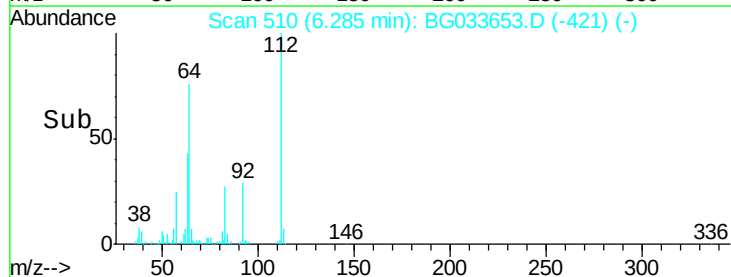
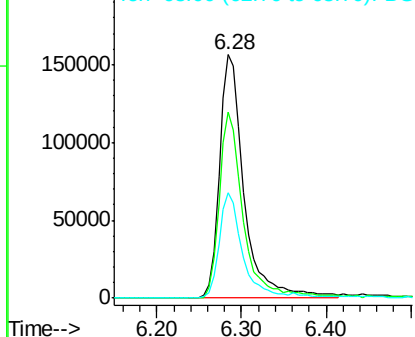
#5

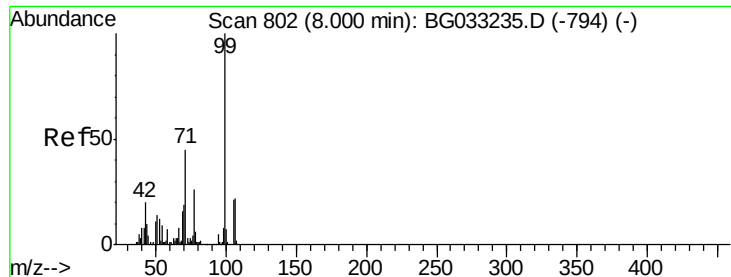
2-Fluorophenol
Concen: 180.219 ng
RT: 6.28 min Scan# 510
Delta R.T. -0.01 min
Lab File: BG033653.D
Acq: 7 Apr 2018 6:47

Tgt Ion:112 Resp: 317443
Ion Ratio Lower Upper
112 100
64 76.4 56.3 84.5
63 43.1 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: 147.313 ng

RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG033653.D

Acq: 7 Apr 2018 6:47

Instrument :

BNA_G

ClientSampled :

11984

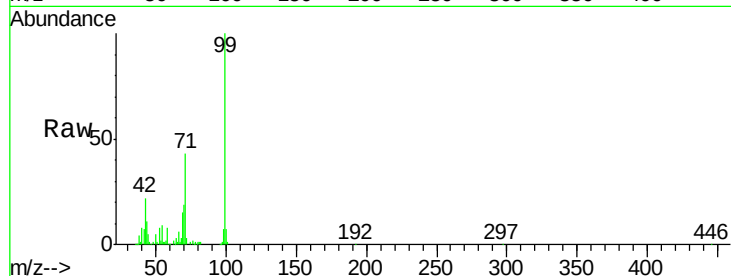
Tot Ion: 99 Resp: 445844

Ion Ratio Lower Upper

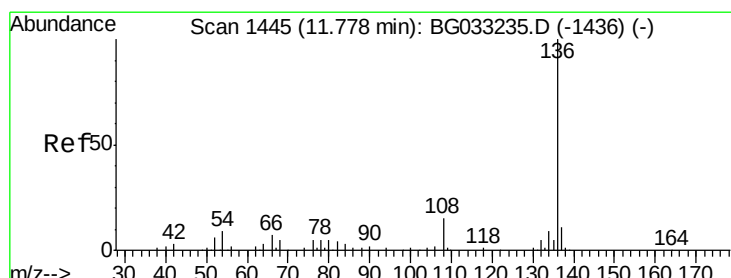
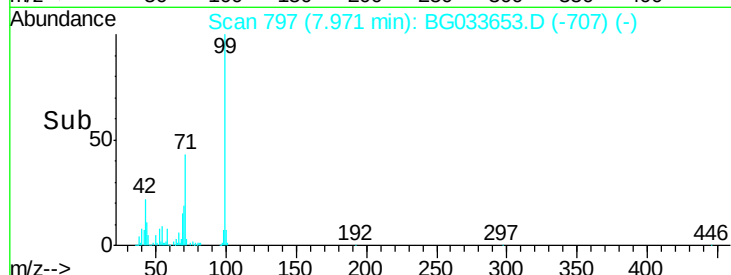
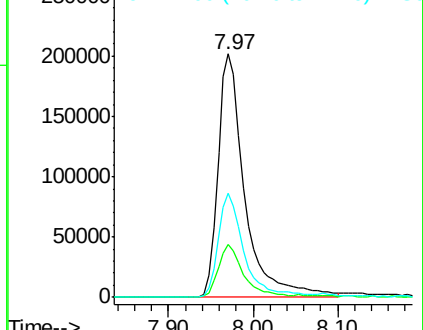
99 100

42 22.0 14.1 21.1#

71 42.6 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. 0.00 min

Lab File: BG033653.D

Acq: 7 Apr 2018 6:47

Tgt Ion: 136 Resp: 156062

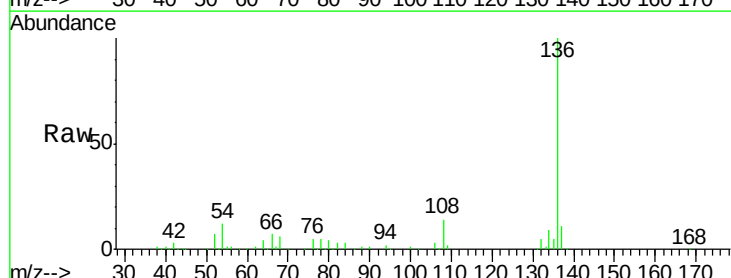
Ion Ratio Lower Upper

136 100

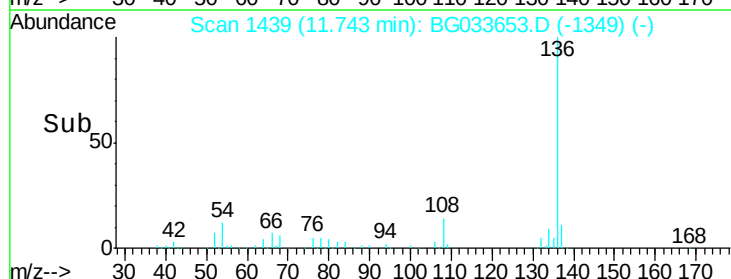
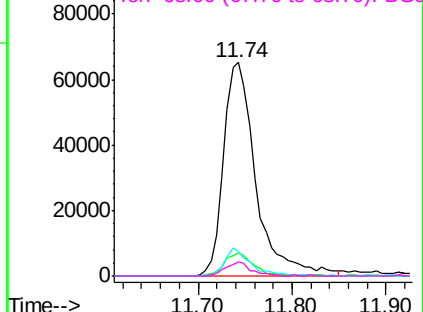
137 10.9 9.2 13.8

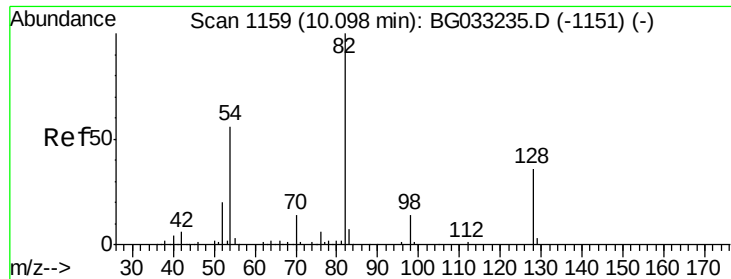
54 11.6 10.3 15.5

68 6.5 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

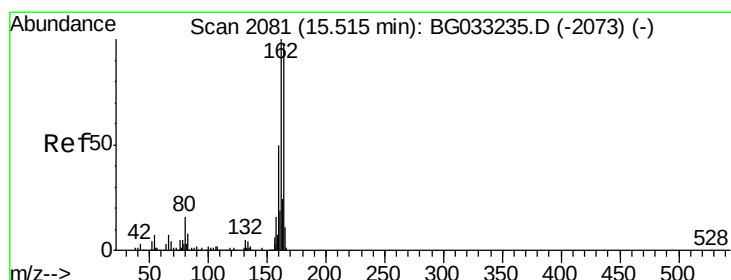
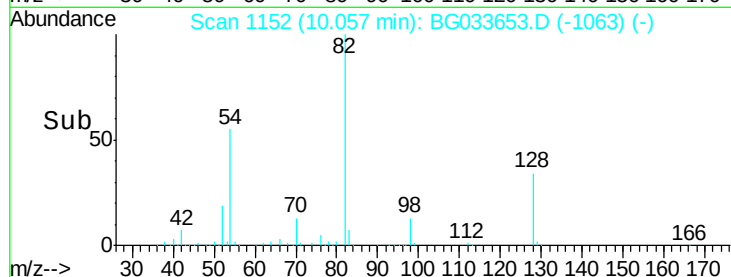
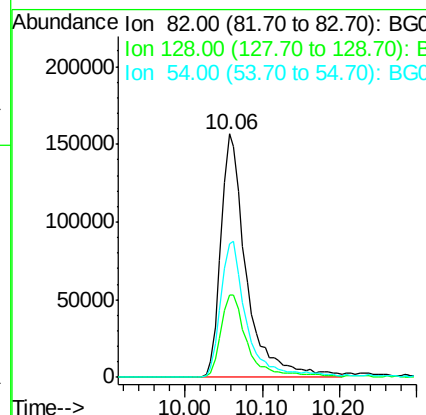
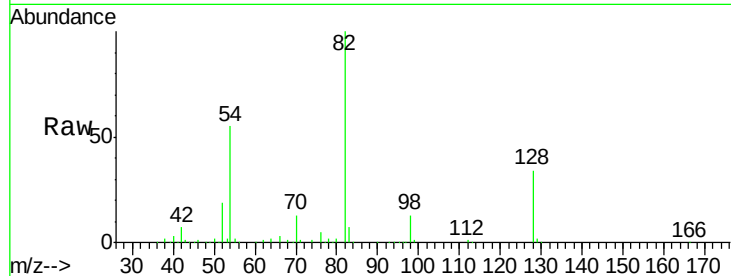




#23
 Nitrobenzene-d5
 Concen: 106.280 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BG033653.D
 Acq: 7 Apr 2018 6:47

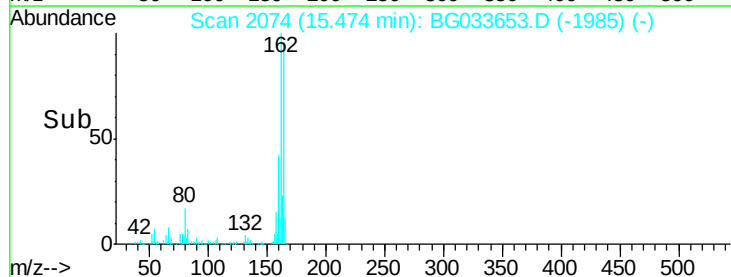
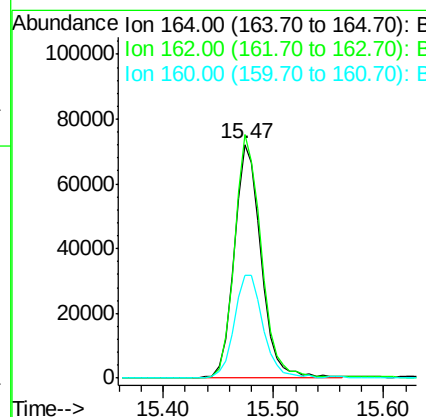
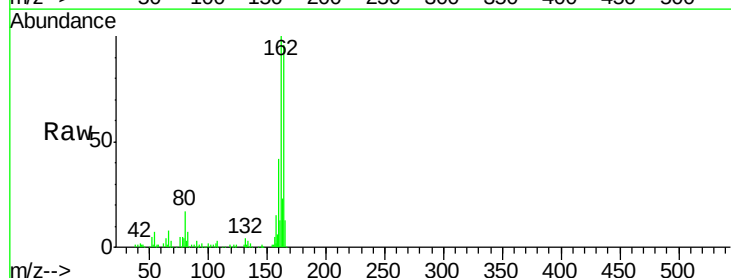
Instrument :
 BNA_G
 ClientSampleId :
 11984

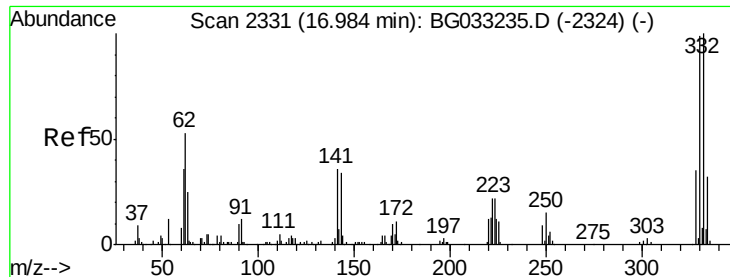
Tot Ion	82	Resp	361011
Ion Ratio	Lower	Upper	
82	100		
128	33.7	29.7	44.5
54	54.8	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. -0.01 min
 Lab File: BG033653.D
 Acq: 7 Apr 2018 6:47

Tgt Ion	164	Resp	123477
Ion Ratio	Lower	Upper	
164	100		
162	104.1	78.8	118.2
160	44.2	35.4	53.0

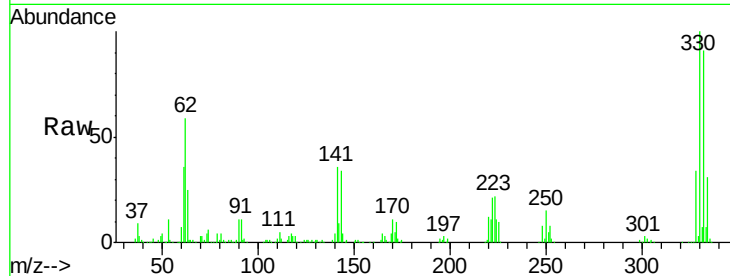




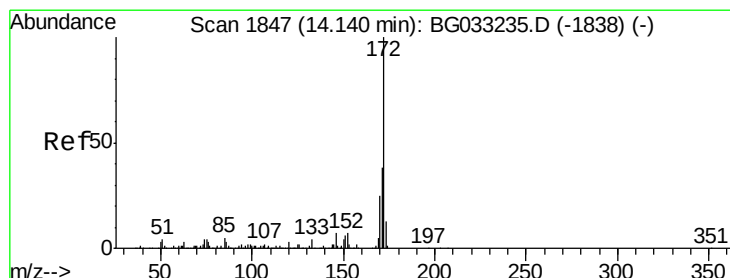
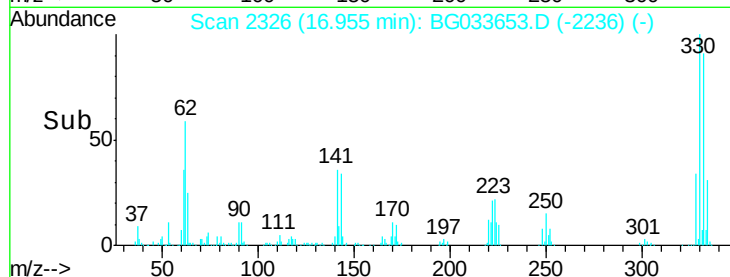
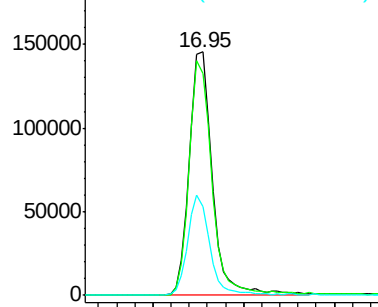
#41
 2,4,6-Tribromophenol
 Concen: 140.068 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: BG033653.D
 Acq: 7 Apr 2018 6:47

Instrument :
 BNA_G
 ClientSampleId :
 11984

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	39.1	25.2	37.8#

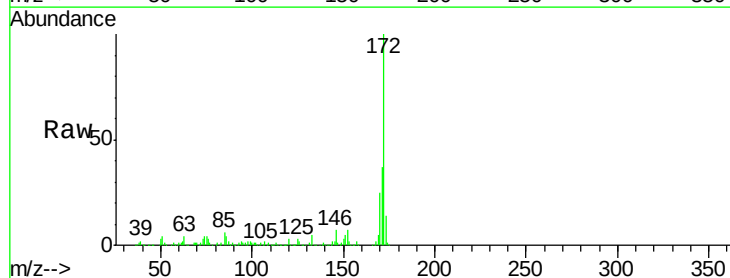


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

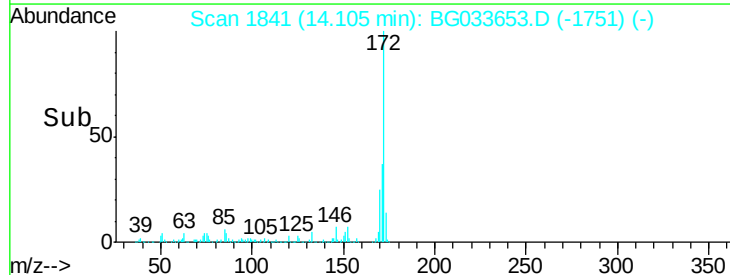
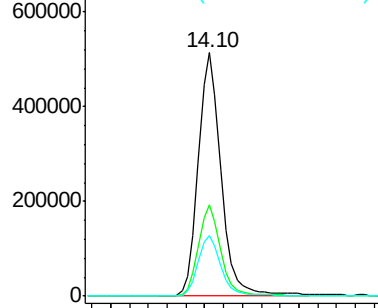


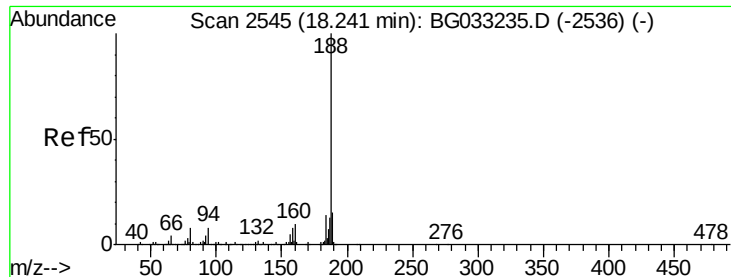
#44
 2-Fluorobiphenyl
 Concen: 101.689 ng
 RT: 14.10 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BG033653.D
 Acq: 7 Apr 2018 6:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.0	45.0
170	25.0	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# 2539

Delta R.T. -0.01 min

Lab File: BG033653.D

Acq: 7 Apr 2018 6:47

Instrument :

BNA_G

ClientSampleId :

11984

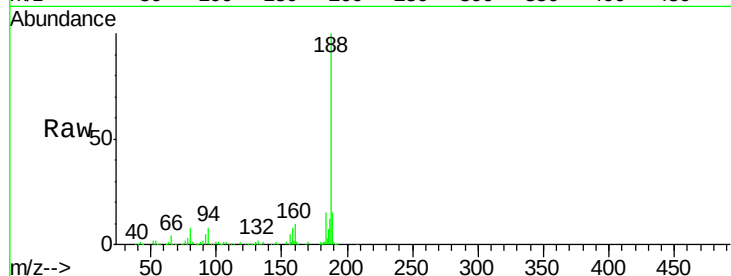
Tot Ion:188 Resp: 317812

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

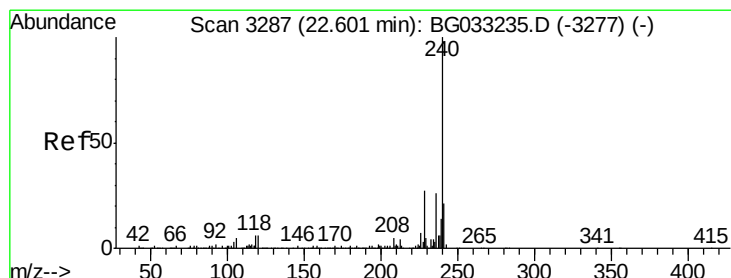
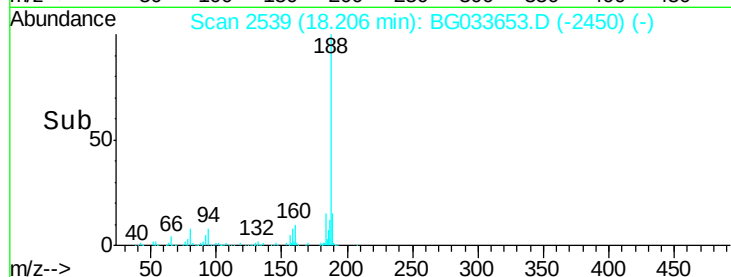
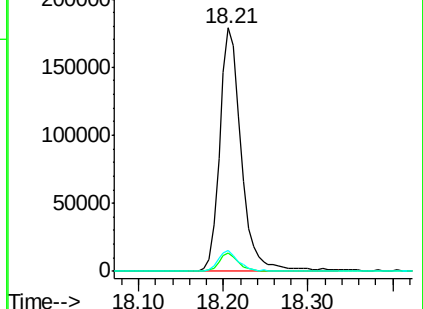
80 8.4 7.7 11.5



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: BG033653.D

Acq: 7 Apr 2018 6:47

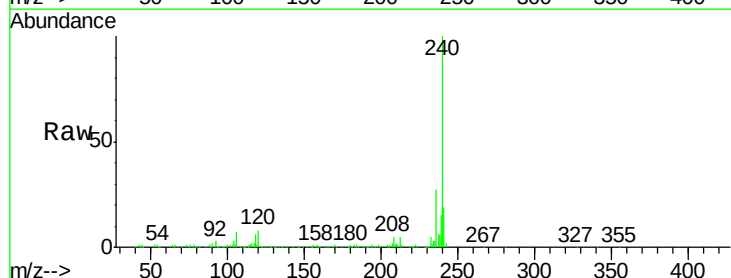
Tgt Ion:240 Resp: 323265

Ion Ratio Lower Upper

240 100

120 8.0 6.8 10.2

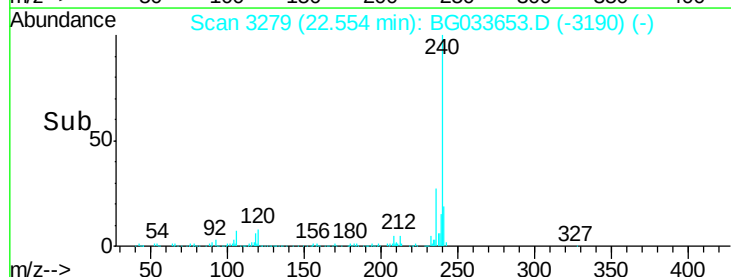
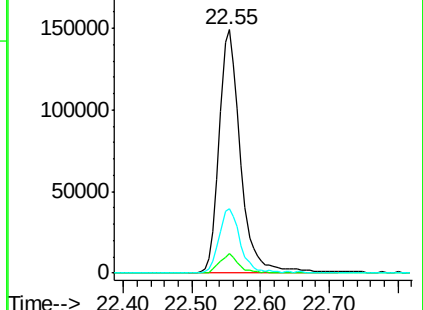
236 26.5 20.9 31.3

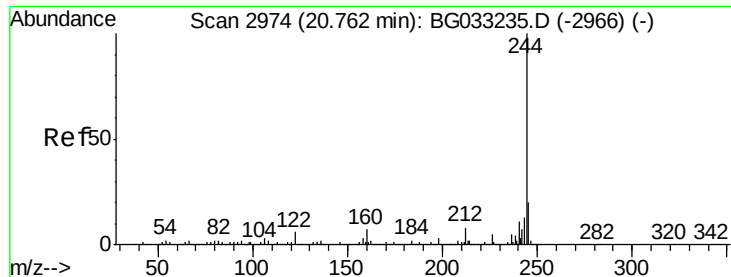


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 104.725 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033653.D

Acq: 7 Apr 2018 6:47

Instrument :

BNA_G

ClientSampleId :

11984

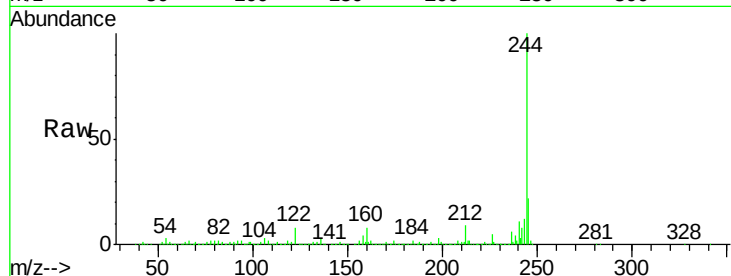
Tot Ion:244 Resp: 1582988

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

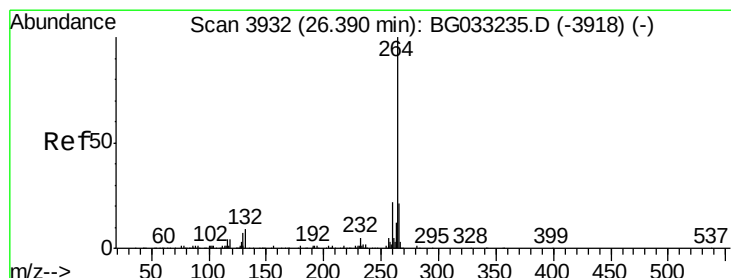
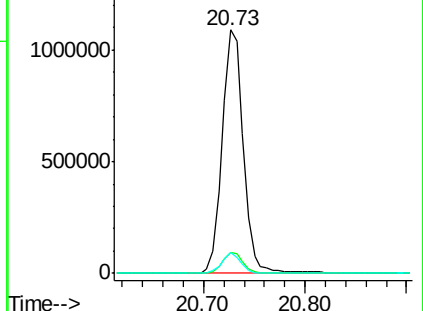
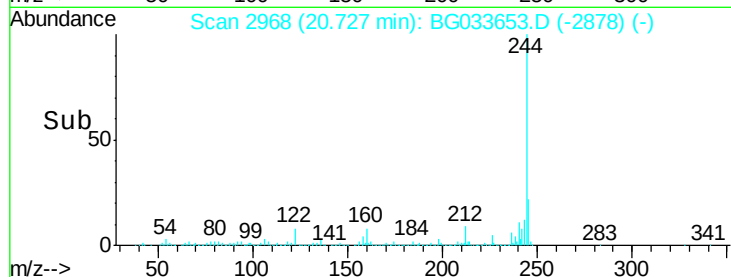
122 8.3 7.0 10.4



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: BG033653.D

Acq: 7 Apr 2018 6:47

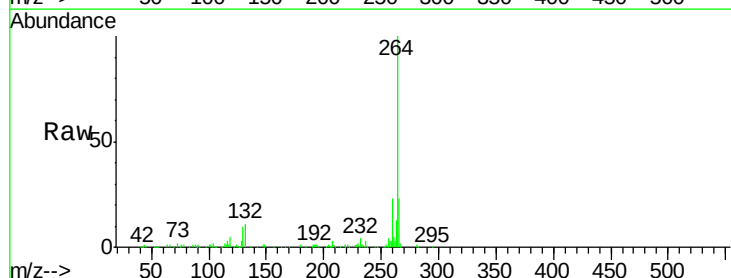
Tgt Ion:264 Resp: 307222

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

265 22.8 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

