

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040318\
 Data File : BG033533.D
 Acq On : 3 Apr 2018 19:43
 Operator : SJ/JU
 Sample : PB107894TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107894TB

Quant Time: Apr 04 04:05:58 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	8.87	152	30434	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	132890	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	107228	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	301591	20.00	ng	0.00
75) Chrysene-d12	22.56	240	324139	20.00	ng	0.00
86) Perylene-d12	26.32	264	322518	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	266340	164.10	ng	0.00
7) Phenol-d6	7.98	99	415734	149.08	ng	0.00
23) Nitrobenzene-d5	10.06	82	257524	89.03	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	187366	116.83	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	659023	88.73	ng	0.00
78) Terphenyl-d14	20.73	244	1360205	89.74	ng	0.00

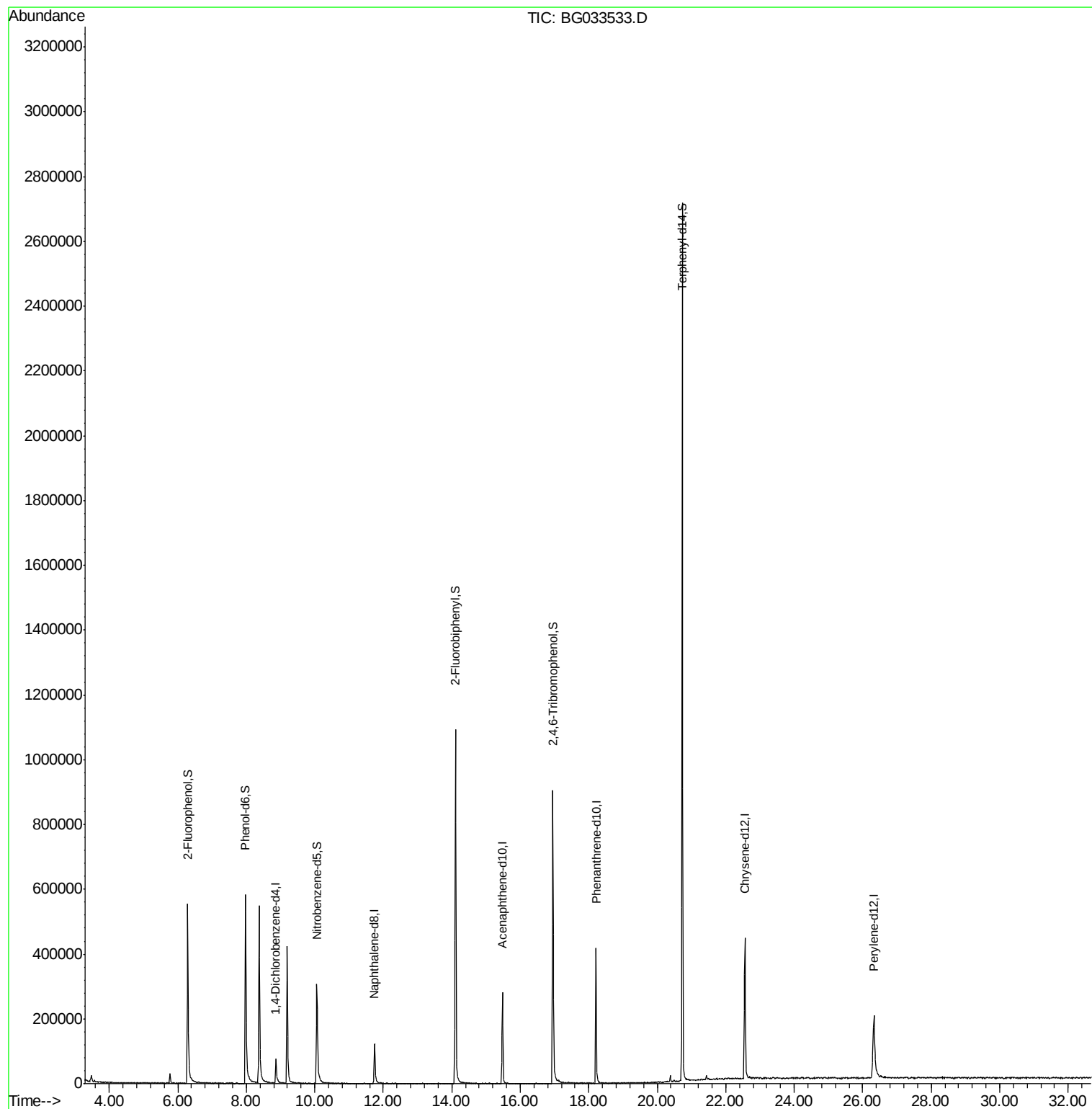
Target Compounds Qvalue

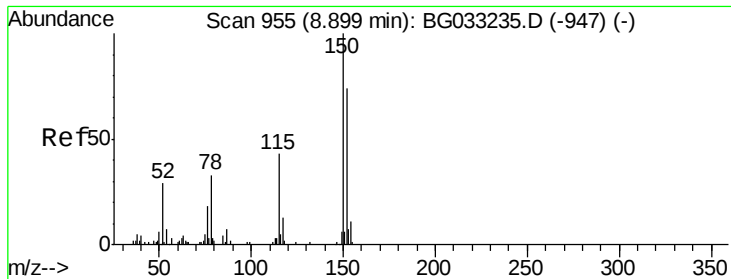
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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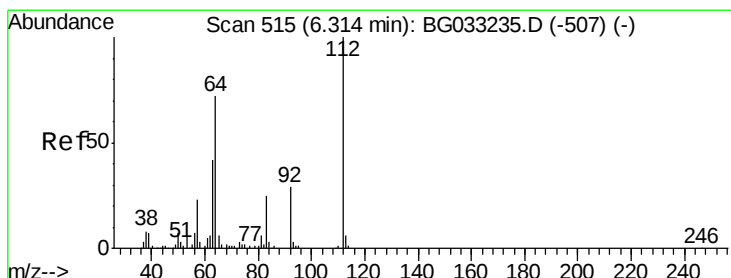
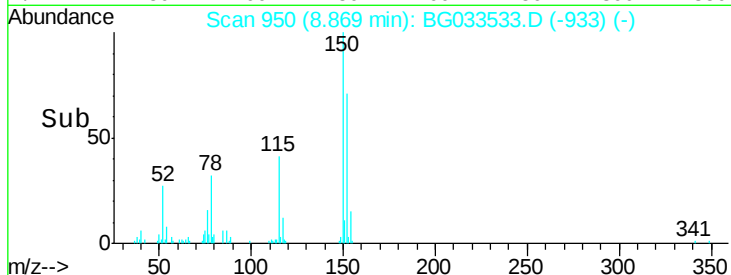
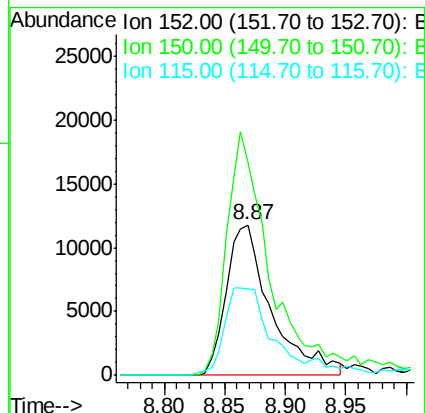
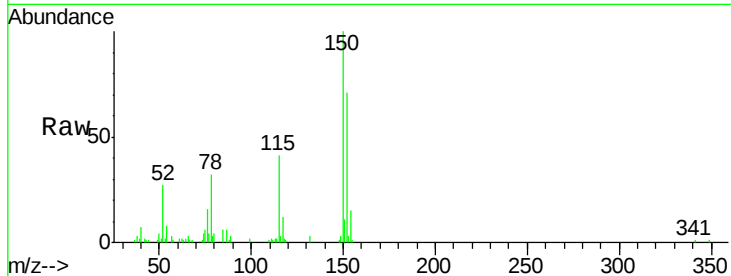


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.00 min
Lab File: BG033533.D
Acq: 3 Apr 2018 19:43

Instrument :
BNA_G
ClientSampleId :
PB107894TB

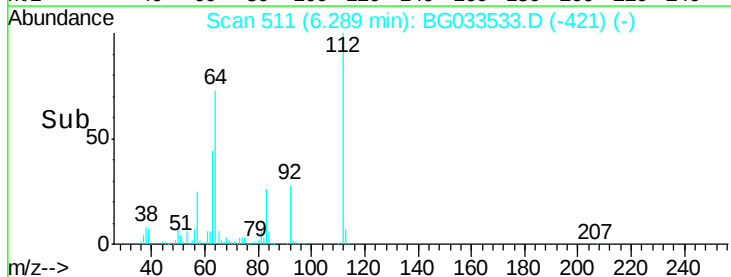
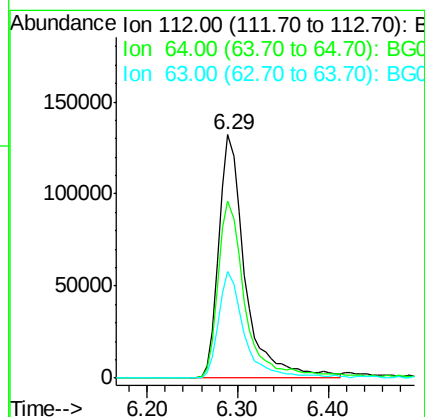
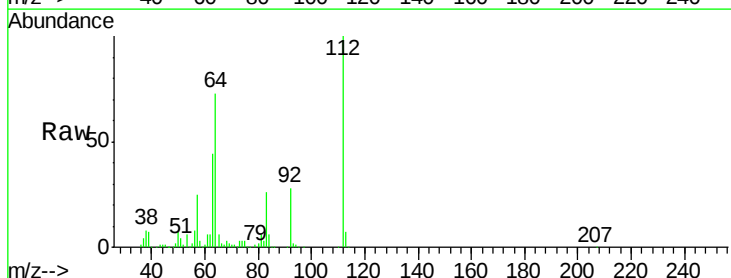
Tot Ion:152 Resp: 30434
Ion Ratio Lower Upper
152 100
150 141.4 126.6 189.8
115 57.4 53.0 79.4

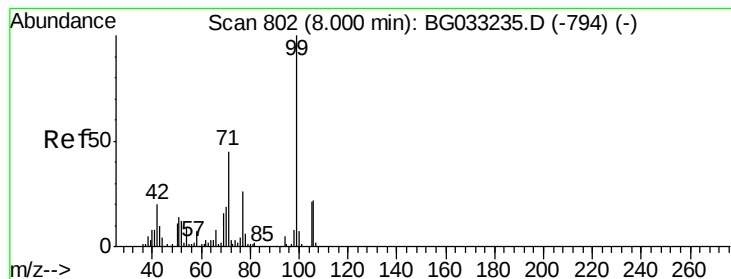


#5

2-Fluorophenol
Concen: 164.099 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033533.D
Acq: 3 Apr 2018 19:43

Tgt Ion:112 Resp: 266340
Ion Ratio Lower Upper
112 100
64 72.6 56.3 84.5
63 43.6 30.1 45.1





#7

Phenol-d6

Concen: 149.077 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.01 min

Lab File: BG033533.D

Acq: 3 Apr 2018 19:43

Instrument :

BNA_G

ClientSampleId :

PB107894TB

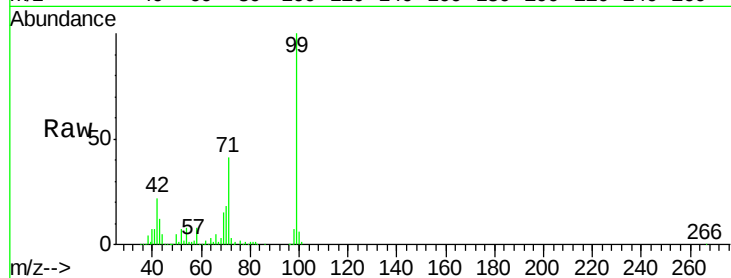
Tot Ion: 99 Resp: 415734

Ion Ratio Lower Upper

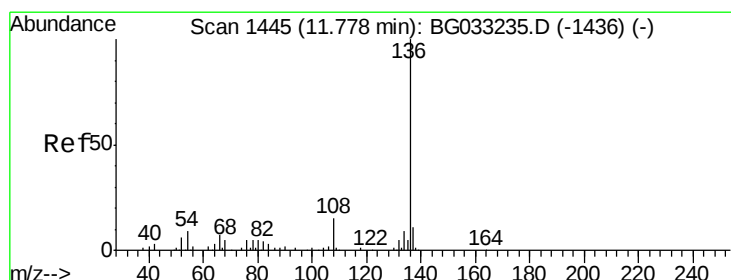
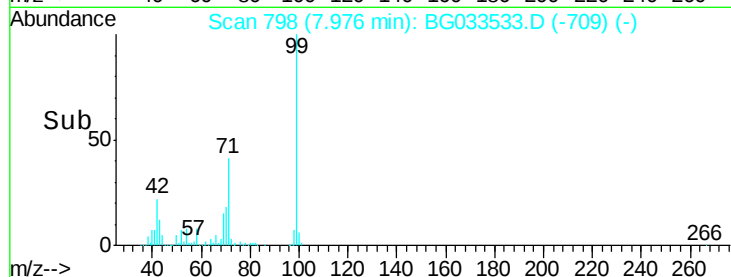
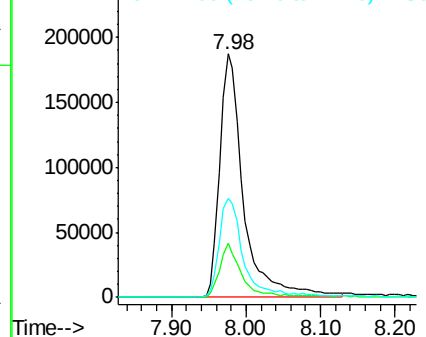
99 100

42 22.3 14.1 21.1#

71 40.9 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: BG033533.D

Acq: 3 Apr 2018 19:43

Tgt Ion: 136 Resp: 132890

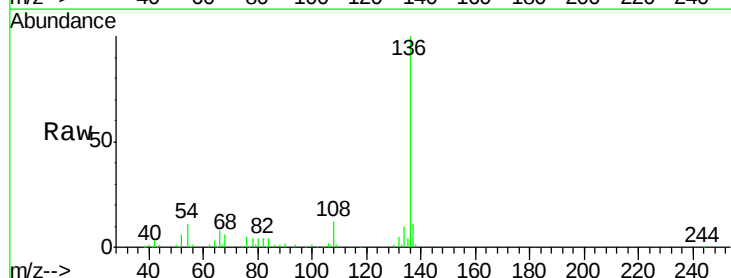
Ion Ratio Lower Upper

136 100

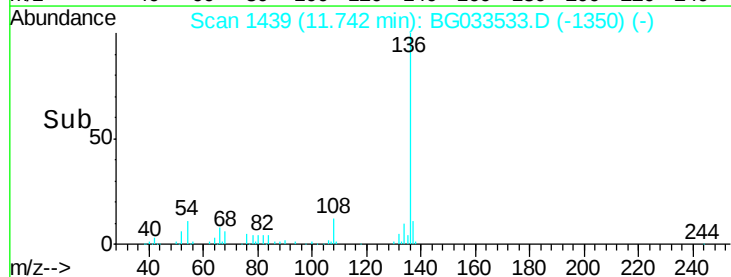
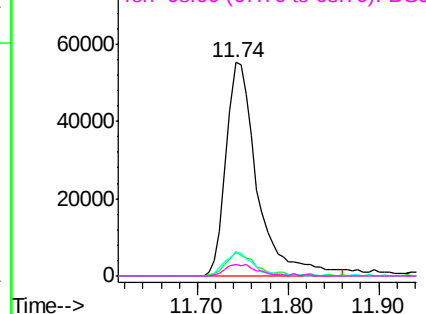
137 11.2 9.2 13.8

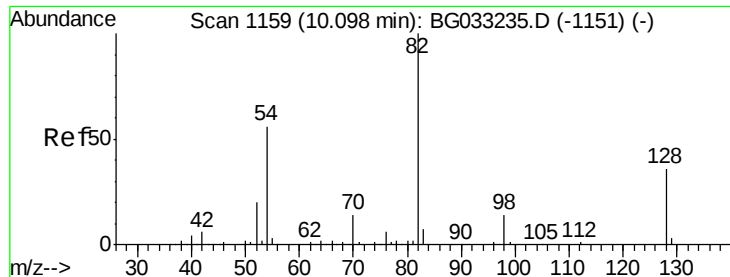
54 11.0 10.3 15.5

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

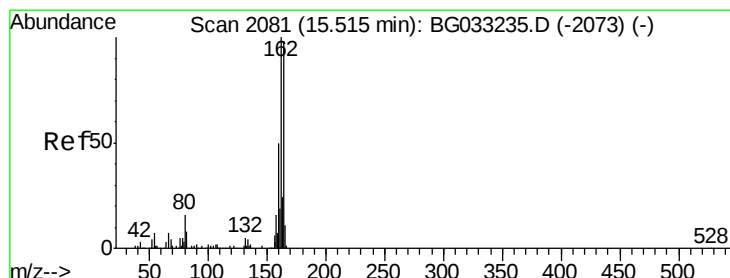
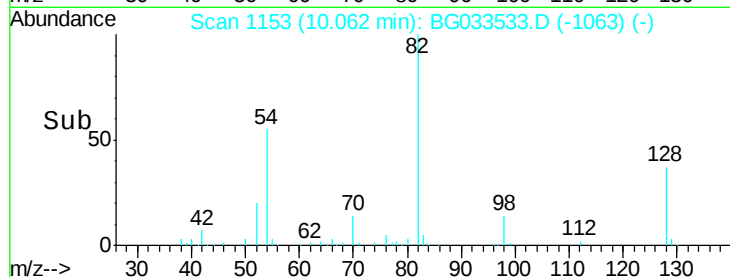
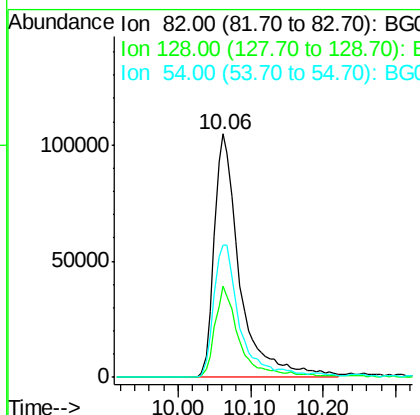
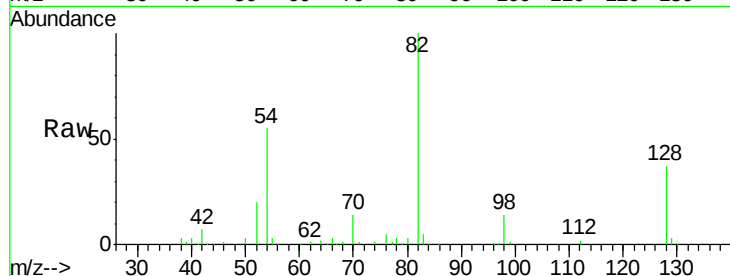




#23
 Nitrobenzene-d5
 Concen: 89.034 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BG033533.D
 Acq: 3 Apr 2018 19:43

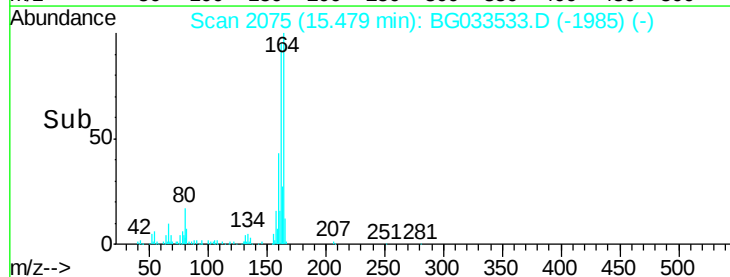
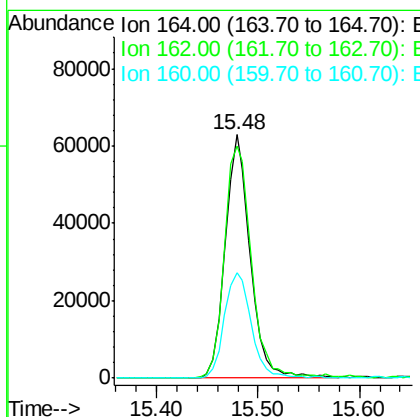
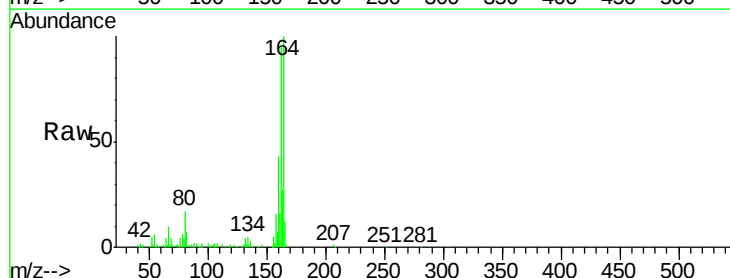
Instrument :
 BNA_G
 ClientSampleId :
 PB107894TB

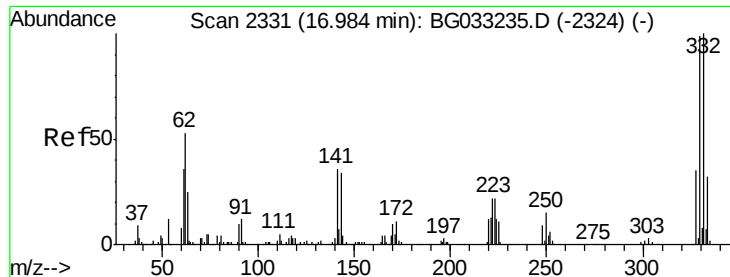
Tot Ion: 82 Resp: 257524
 Ion Ratio Lower Upper
 82 100
 128 37.4 29.7 44.5
 54 54.5 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.00 min
 Lab File: BG033533.D
 Acq: 3 Apr 2018 19:43

Tgt Ion: 164 Resp: 107228
 Ion Ratio Lower Upper
 164 100
 162 95.3 78.8 118.2
 160 43.1 35.4 53.0

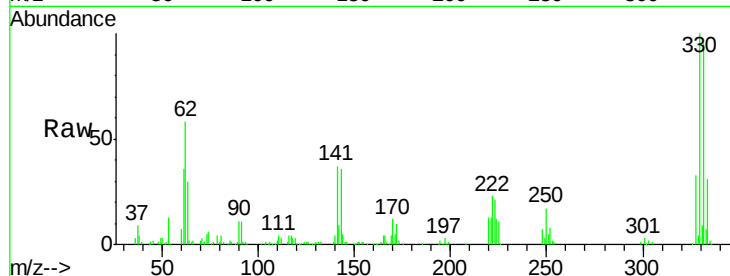




#41
 2,4,6-Tribromophenol
 Concen: 116.832 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033533.D
 Acq: 3 Apr 2018 19:43

Instrument :
 BNA_G
 ClientSampled :
 PB107894TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.0	115.6
141	36.7	25.2	37.8

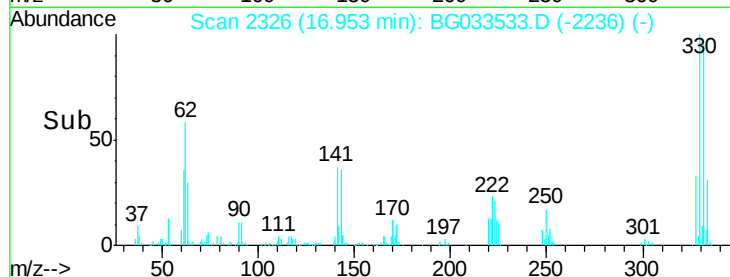
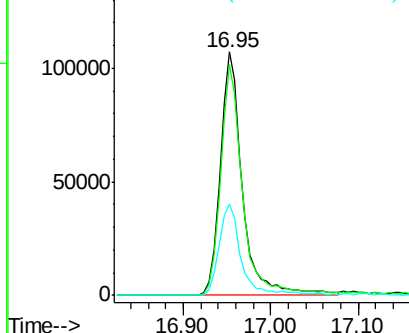


Abundance

Ion 329.80 (329.50 to 330.50): E

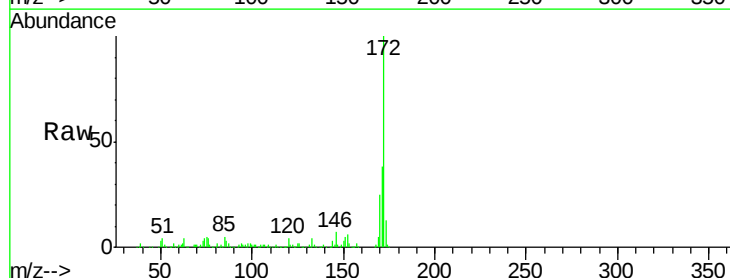
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 88.726 ng
 RT: 14.10 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BG033533.D
 Acq: 3 Apr 2018 19:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	25.4	19.5	29.3

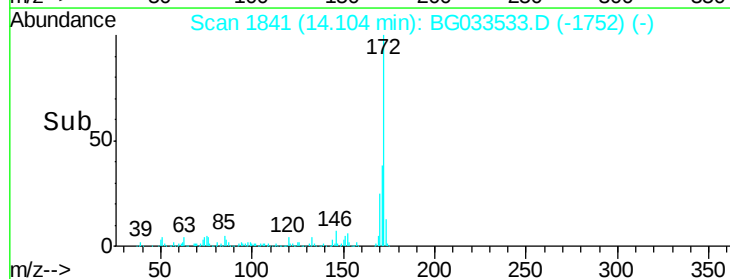
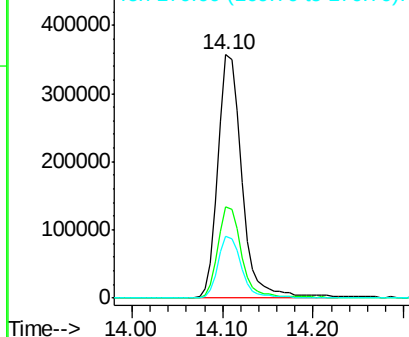


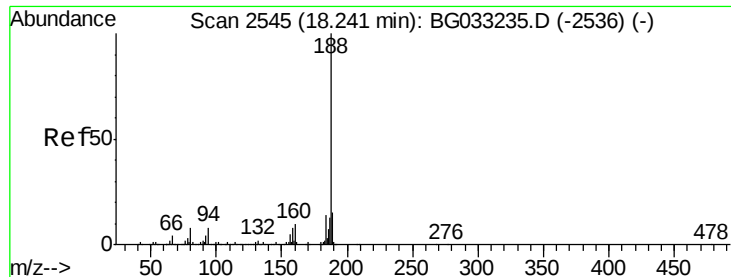
Abundance

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: BG033533.D

Acq: 3 Apr 2018 19:43

Instrument :

BNA_G

ClientSampleId :

PB107894TB

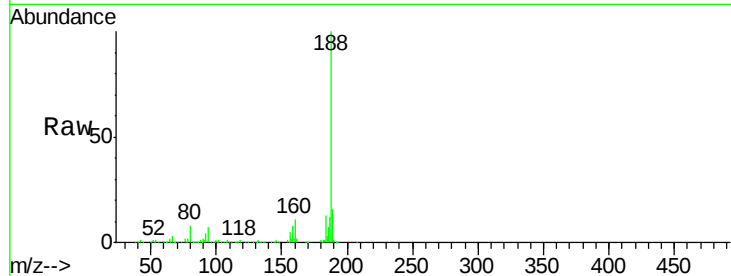
Tot Ion:188 Resp: 301591

Ion Ratio Lower Upper

188 100

94 7.2 6.9 10.3

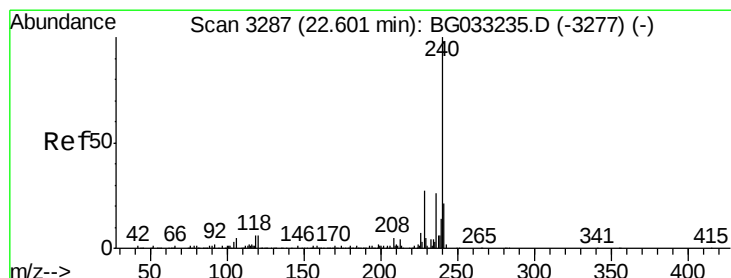
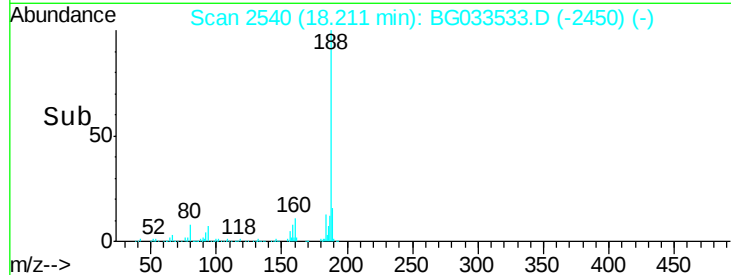
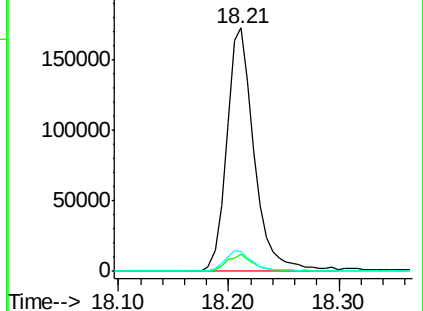
80 8.0 7.7 11.5



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: BG033533.D

Acq: 3 Apr 2018 19:43

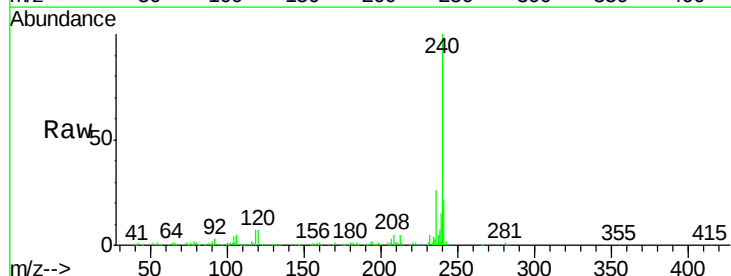
Tgt Ion:240 Resp: 324139

Ion Ratio Lower Upper

240 100

120 6.9 6.8 10.2

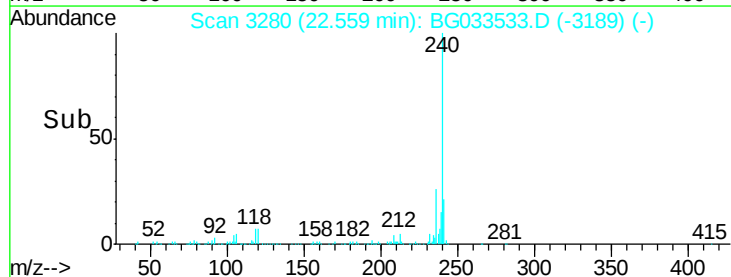
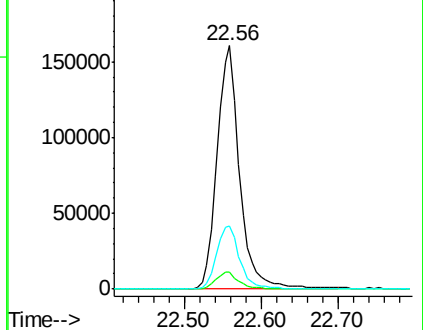
236 26.1 20.9 31.3

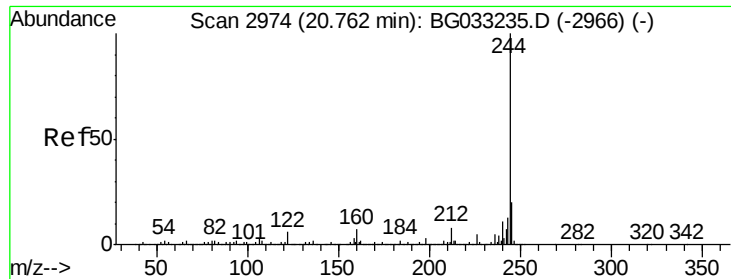


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 89.744 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033533.D

Acq: 3 Apr 2018 19:43

Instrument :

BNA_G

ClientSampleId :

PB107894TB

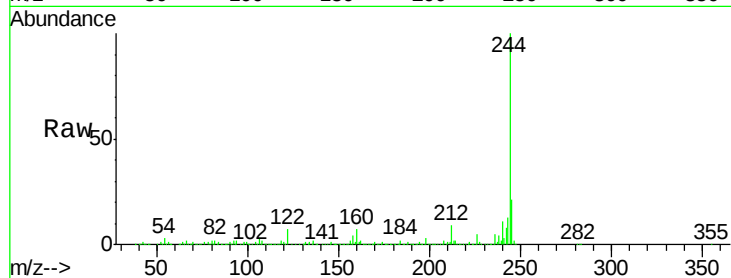
Tot Ion:244 Resp: 1360205

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

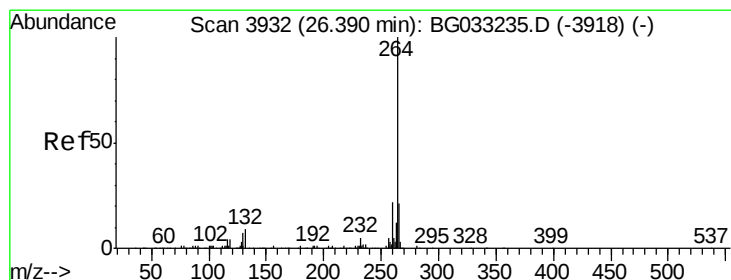
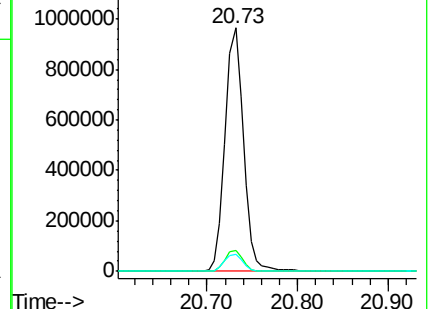
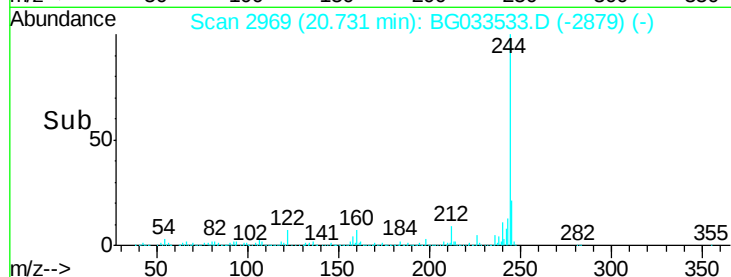
122 7.1 7.0 10.4



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: BG033533.D

Acq: 3 Apr 2018 19:43

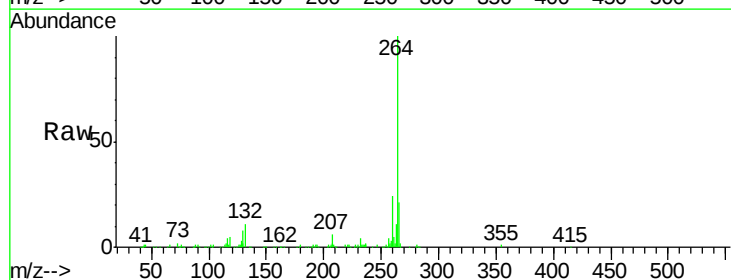
Tgt Ion:264 Resp: 322518

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 20.5 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

