

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG033018\
 Data File : BG033453.D
 Acq On : 30 Mar 2018 18:15
 Operator : SJ/JU
 Sample : PB107838TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107838TB

Quant Time: Mar 31 02:14:30 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:34:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	31440	20.00	ng	-0.01
21) Naphthalene-d8	11.74	136	132582	20.00	ng	-0.01
38) Acenaphthene-d10	15.48	164	107015	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	305743	20.00	ng	0.00
75) Chrysene-d12	22.56	240	335758	20.00	ng	0.00
86) Perylene-d12	26.32	264	362483	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	294226	175.48	ng	0.00
7) Phenol-d6	7.98	99	459889	159.63	ng	0.00
23) Nitrobenzene-d5	10.06	82	282309	97.83	ng	-0.01
41) 2,4,6-Tribromophenol	16.96	330	249198	155.70	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	717329	96.77	ng	0.00
78) Terphenyl-d14	20.73	244	1549431	98.69	ng	0.00

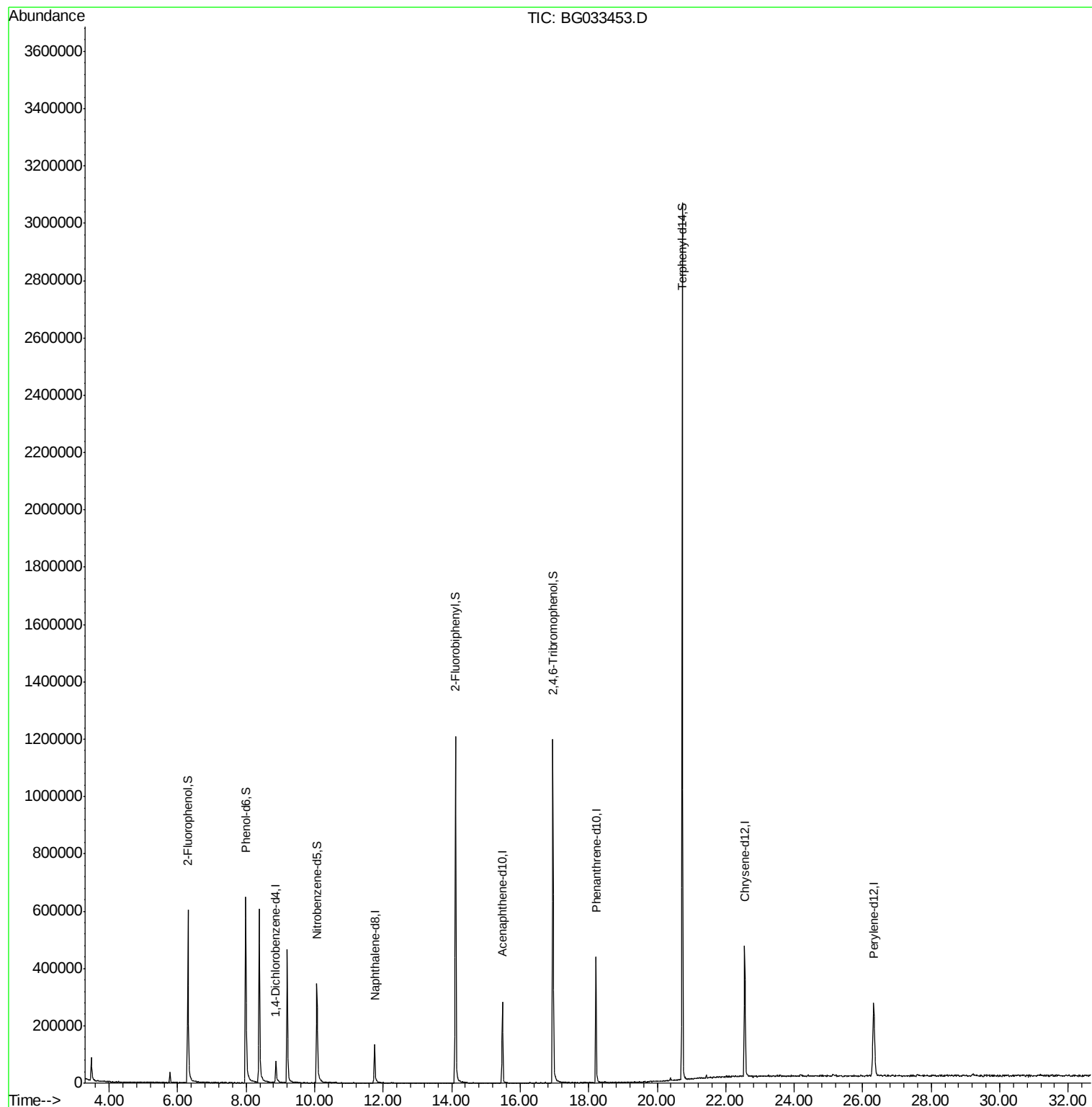
Target Compounds Qvalue

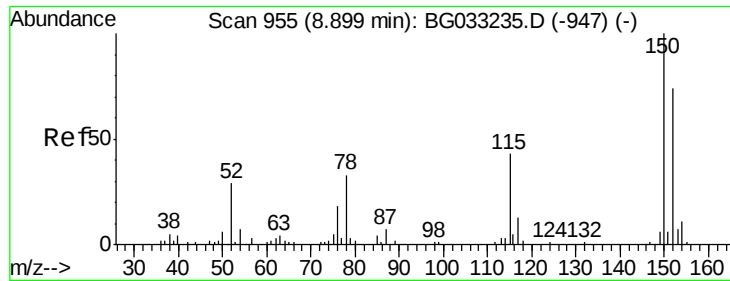
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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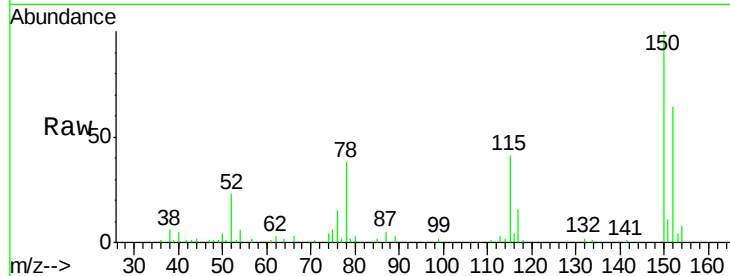


#1

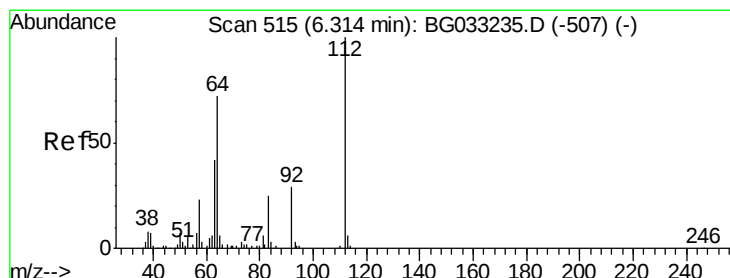
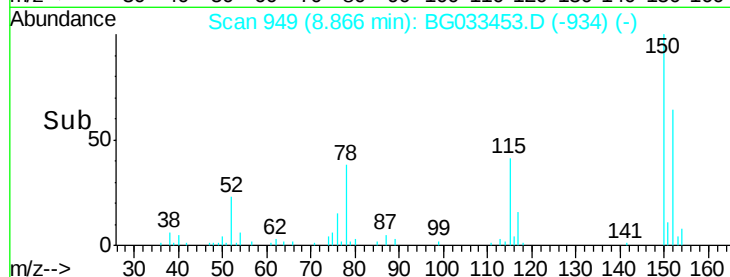
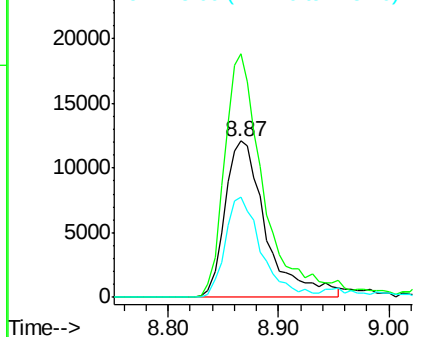
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG033453.D
Acq: 30 Mar 2018 18:15

Instrument :
BNA_G
ClientSampleId :
PB107838TB

Tot Ion:152 Resp: 31440
Ion Ratio Lower Upper
152 100
150 156.1 126.6 189.8
115 64.0 53.0 79.4



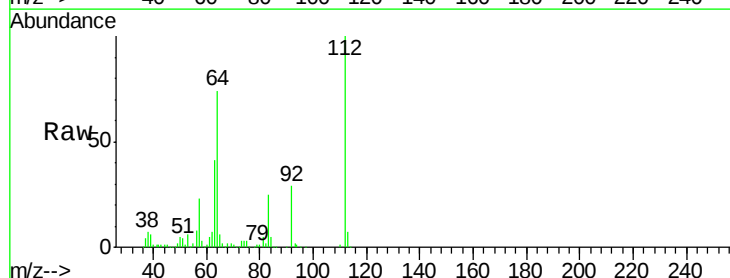
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



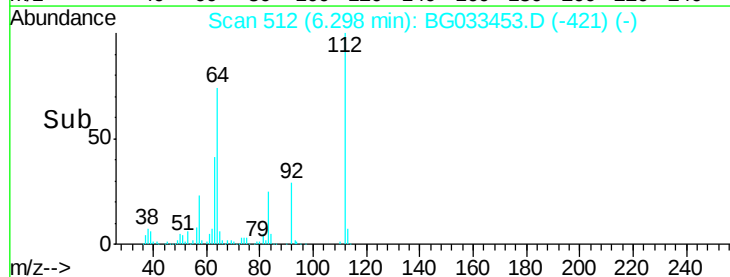
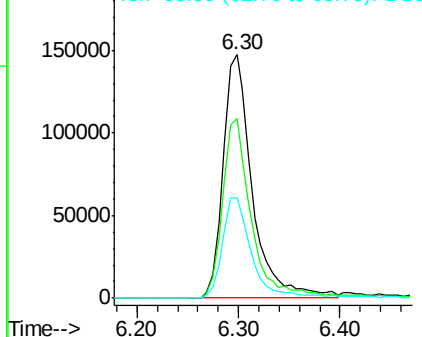
#5

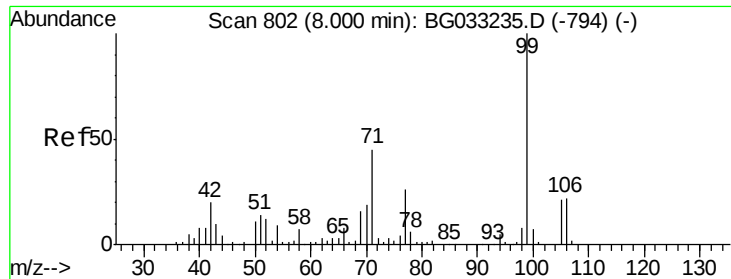
2-Fluorophenol
Concen: 175.480 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.00 min
Lab File: BG033453.D
Acq: 30 Mar 2018 18:15

Tgt Ion:112 Resp: 294226
Ion Ratio Lower Upper
112 100
64 74.0 56.3 84.5
63 41.4 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: 159.634 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG033453.D

Acq: 30 Mar 2018 18:15

Instrument :

BNA_G

ClientSampleId :

PB107838TB

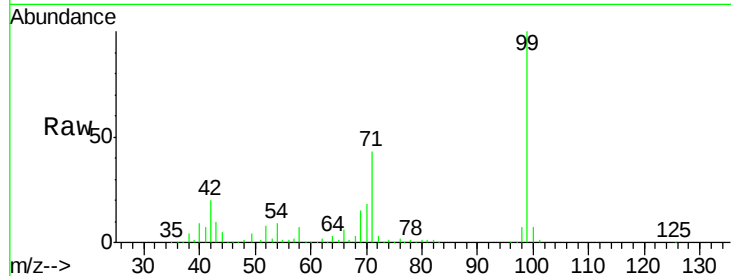
Tot Ion: 99 Resp: 459889

Ion Ratio Lower Upper

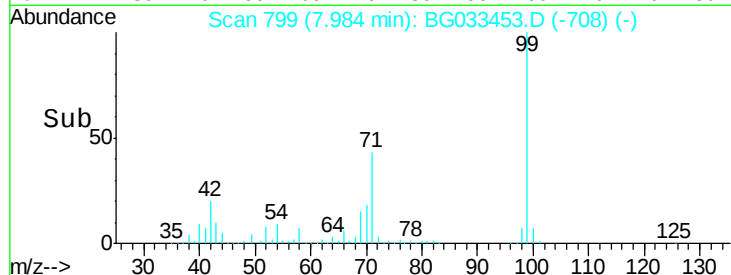
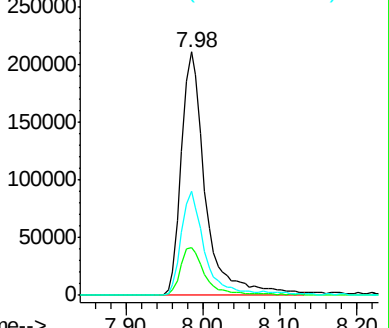
99 100

42 19.8 14.1 21.1

71 42.5 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: BG033453.D

Acq: 30 Mar 2018 18:15

Tgt Ion: 136 Resp: 132582

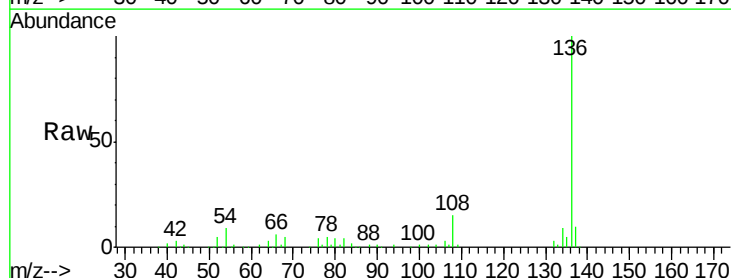
Ion Ratio Lower Upper

136 100

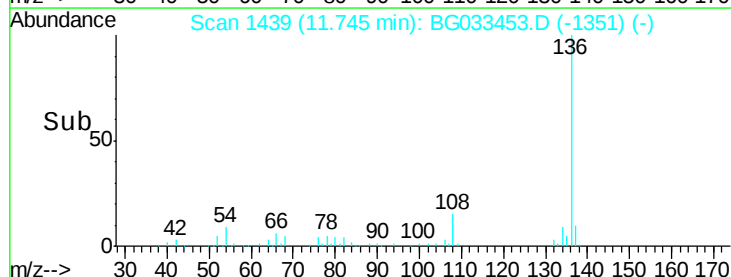
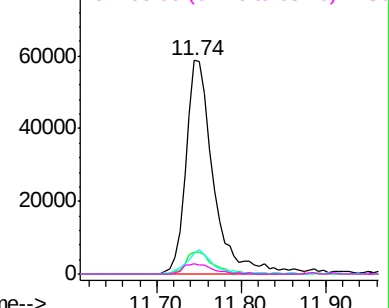
137 10.1 9.2 13.8

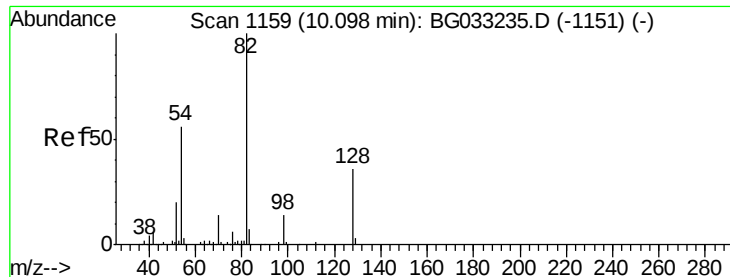
54 9.5 10.3 15.5#

68 4.6 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

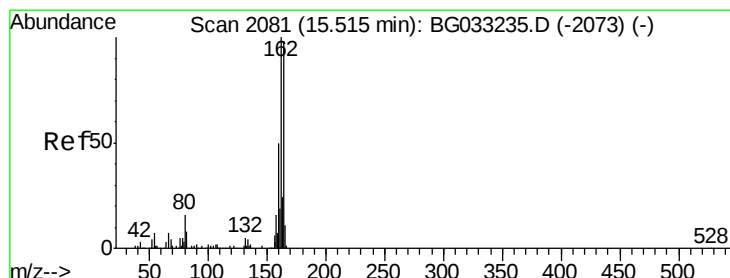
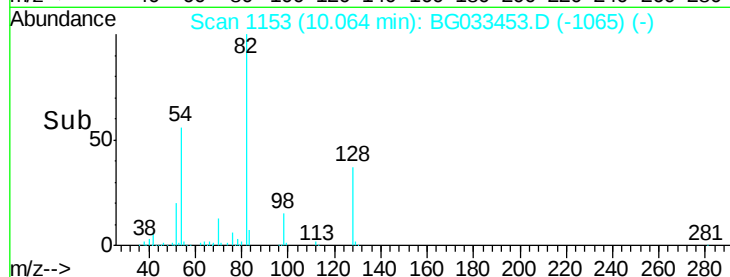
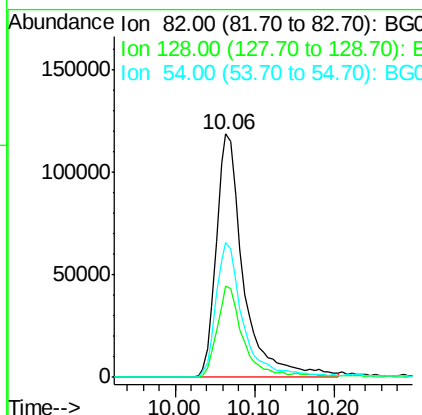
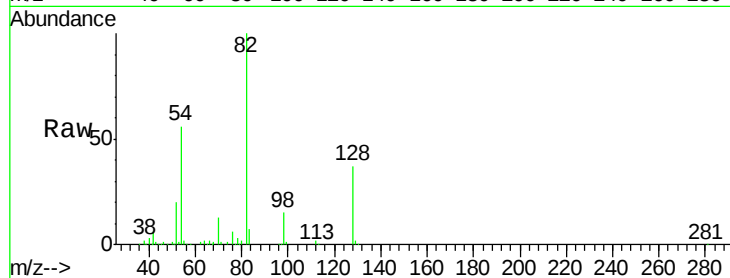




#23
 Nitrobenzene-d5
 Concen: 97.829 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BG033453.D
 Acq: 30 Mar 2018 18:15

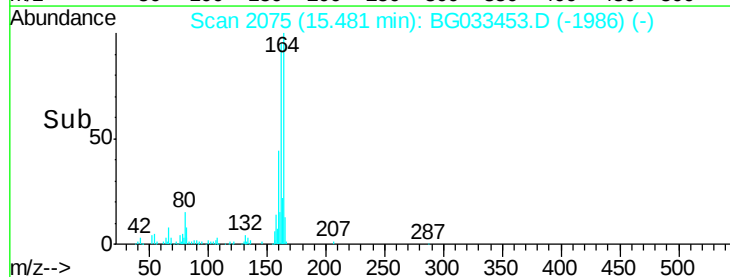
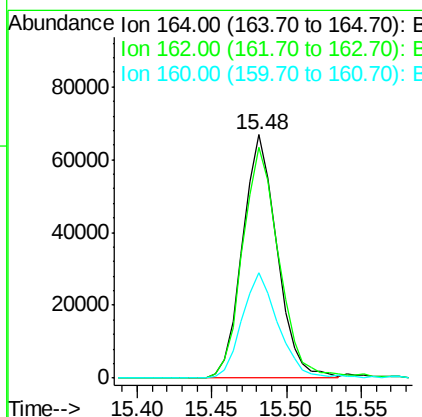
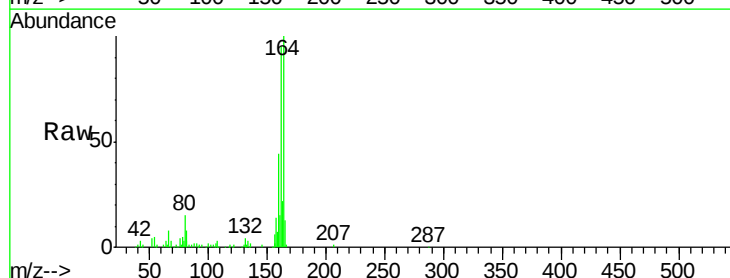
Instrument :
 BNA_G
 ClientSampleId :
 PB107838TB

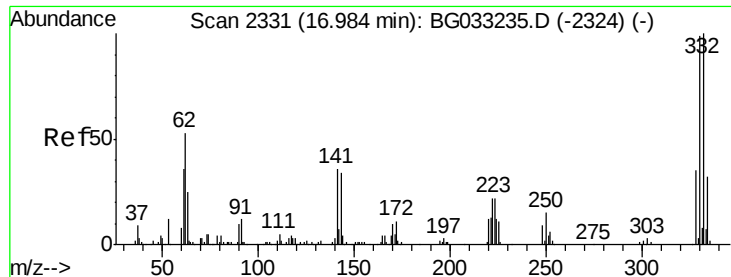
Tot Ion	82	Resp	282309
Ion Ratio	Lower	Upper	
82	100		
128	37.4	29.7	44.5
54	55.6	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.01 min
 Lab File: BG033453.D
 Acq: 30 Mar 2018 18:15

Tgt Ion	164	Resp	107015
Ion Ratio	Lower	Upper	
164	100		
162	94.6	78.8	118.2
160	43.5	35.4	53.0

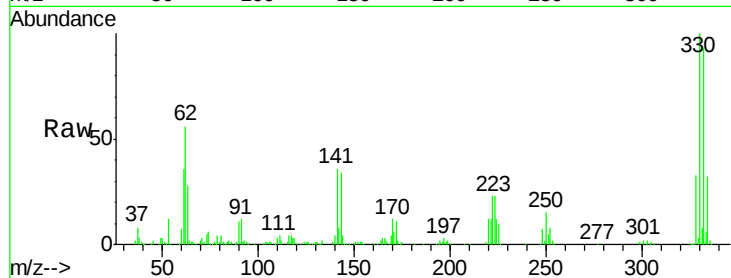




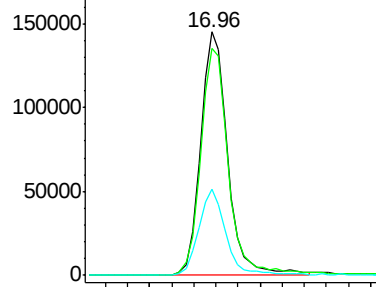
#41
 2,4,6-Tribromophenol
 Concen: 155.697 ng
 RT: 16.96 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033453.D
 Acq: 30 Mar 2018 18:15

Instrument :
 BNA_G
 ClientSampleId :
 PB107838TB

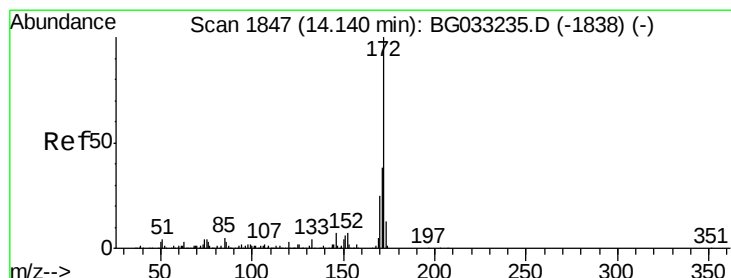
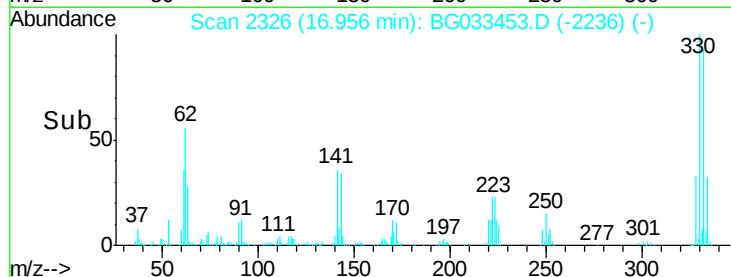
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	35.0	25.2	37.8



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

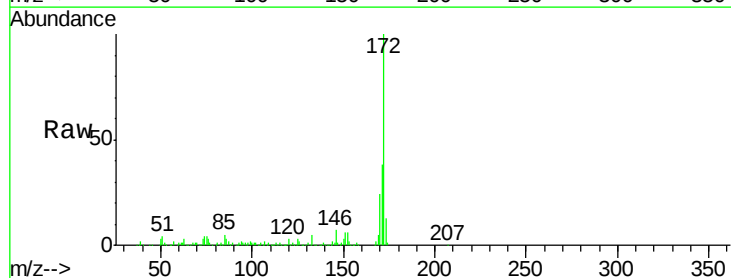


Time-->

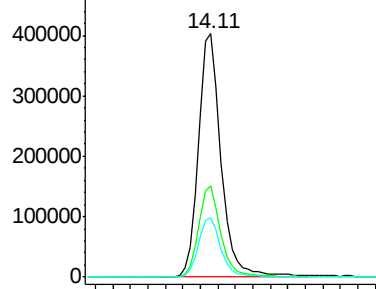


#44
 2-Fluorobiphenyl
 Concen: 96.768 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033453.D
 Acq: 30 Mar 2018 18:15

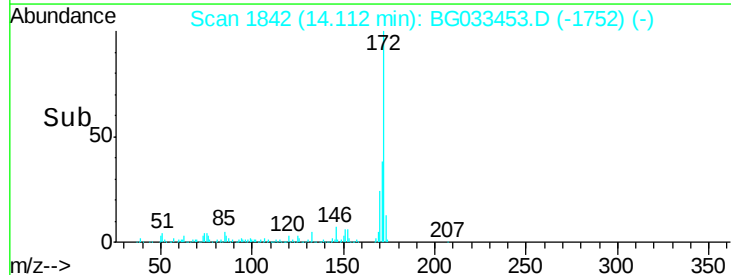
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	24.2	19.5	29.3

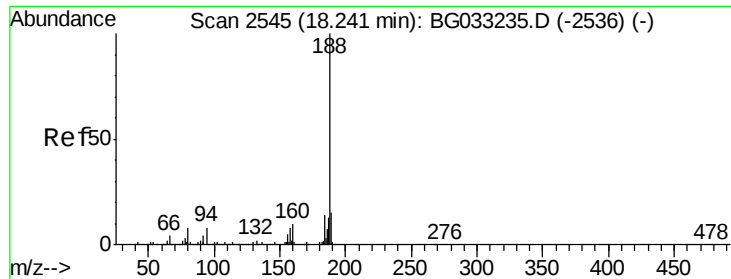


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



Time-->

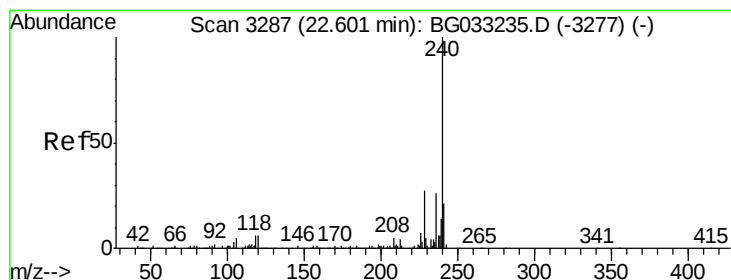
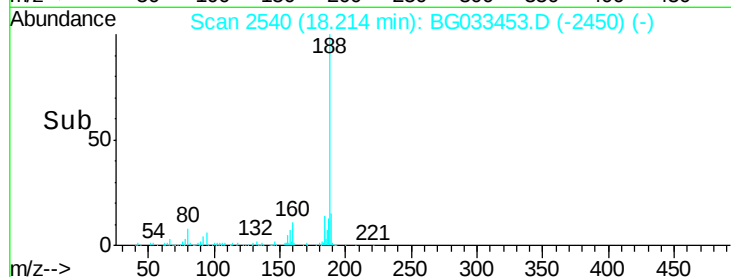
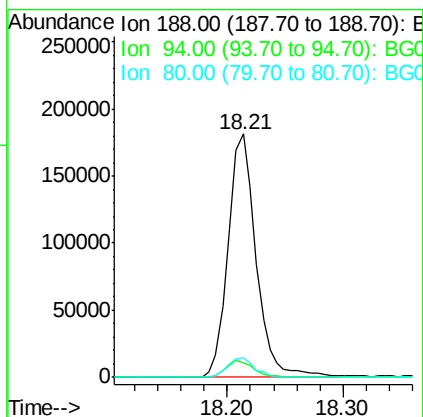
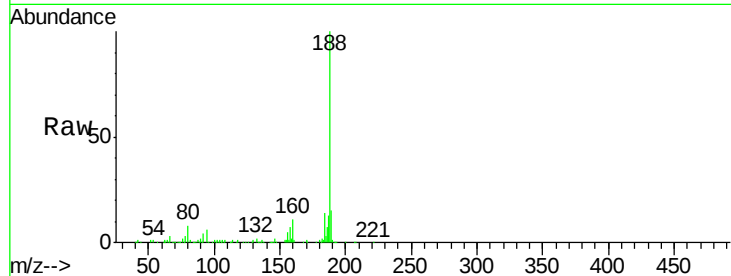




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BG033453.D
Acq: 30 Mar 2018 18:15

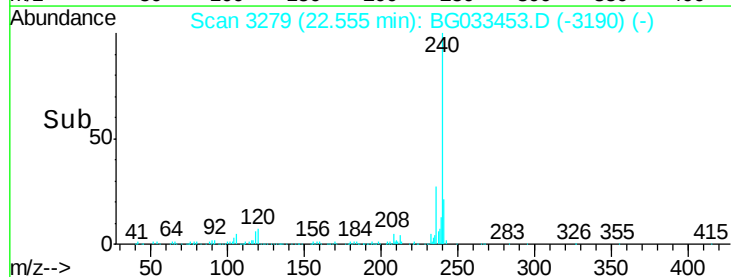
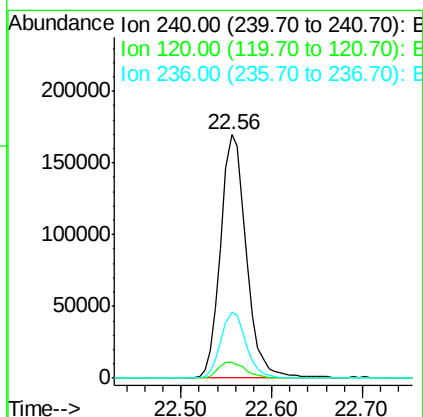
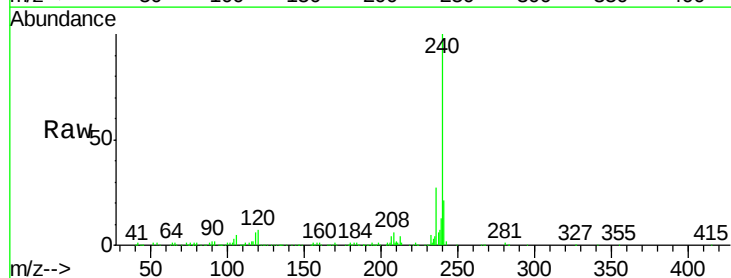
Instrument :
BNA_G
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PB107838TB

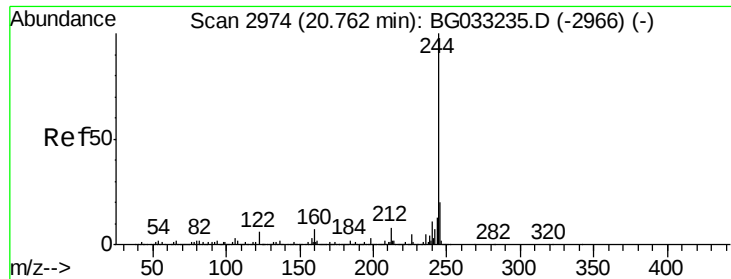
Tot Ion:188 Resp: 305743
Ion Ratio Lower Upper
188 100
94 6.1 6.9 10.3#
80 7.8 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BG033453.D
Acq: 30 Mar 2018 18:15

Tgt Ion:240 Resp: 335758
Ion Ratio Lower Upper
240 100
120 6.7 6.8 10.2#
236 26.8 20.9 31.3





#78

Terphenyl-d14

Concen: 98.691 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033453.D

Acq: 30 Mar 2018 18:15

Instrument :

BNA_G

ClientSampleId :

PB107838TB

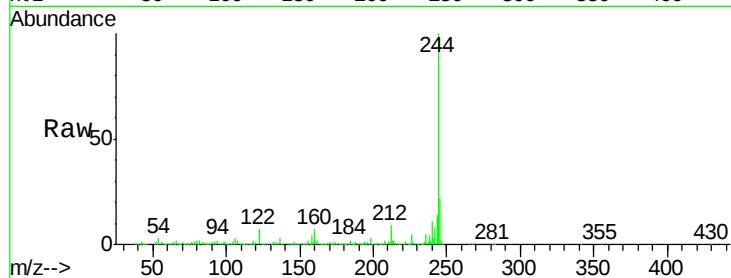
Tot Ion:244 Resp: 1549431

Ion Ratio Lower Upper

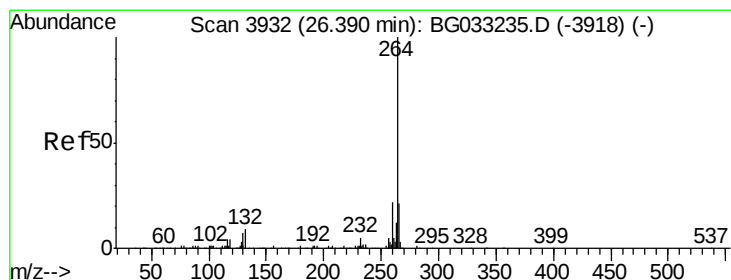
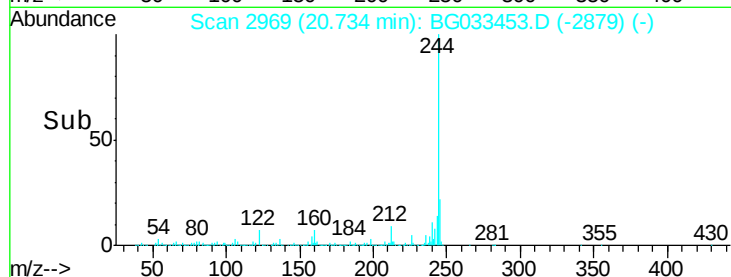
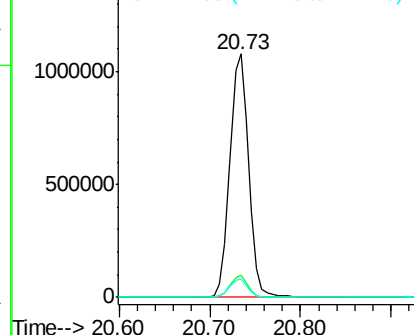
244 100

212 8.9 5.8 8.8#

122 7.4 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. -0.01 min

Lab File: BG033453.D

Acq: 30 Mar 2018 18:15

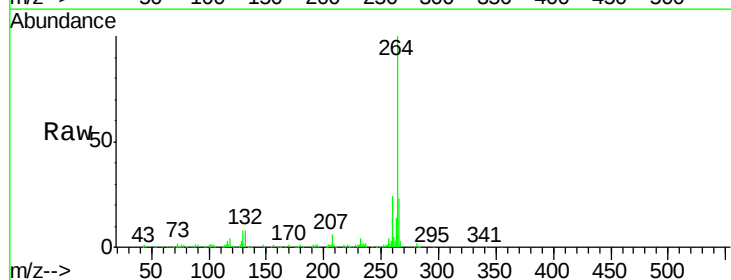
Tgt Ion:264 Resp: 362483

Ion Ratio Lower Upper

264 100

260 24.4 17.4 26.0

265 22.9 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

