

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040218\
 Data File : BG033492.D
 Acq On : 2 Apr 2018 18:09
 Operator : SJ/JU
 Sample : PB107874BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107874BL

Quant Time: Apr 03 04:36:50 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	34567	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	159665	20.00	ng	-0.01
38) Acenaphthene-d10	15.48	164	126635	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	352575	20.00	ng	0.00
75) Chrysene-d12	22.55	240	381773	20.00	ng	0.00
86) Perylene-d12	26.32	264	396796	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	335438	181.96	ng	0.00
7) Phenol-d6	7.98	99	505773	159.68	ng	0.00
23) Nitrobenzene-d5	10.06	82	323102	92.97	ng	-0.01
41) 2,4,6-Tribromophenol	16.96	330	265607	140.24	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	818586	93.32	ng	0.00
78) Terphenyl-d14	20.73	244	1621080	90.81	ng	0.00

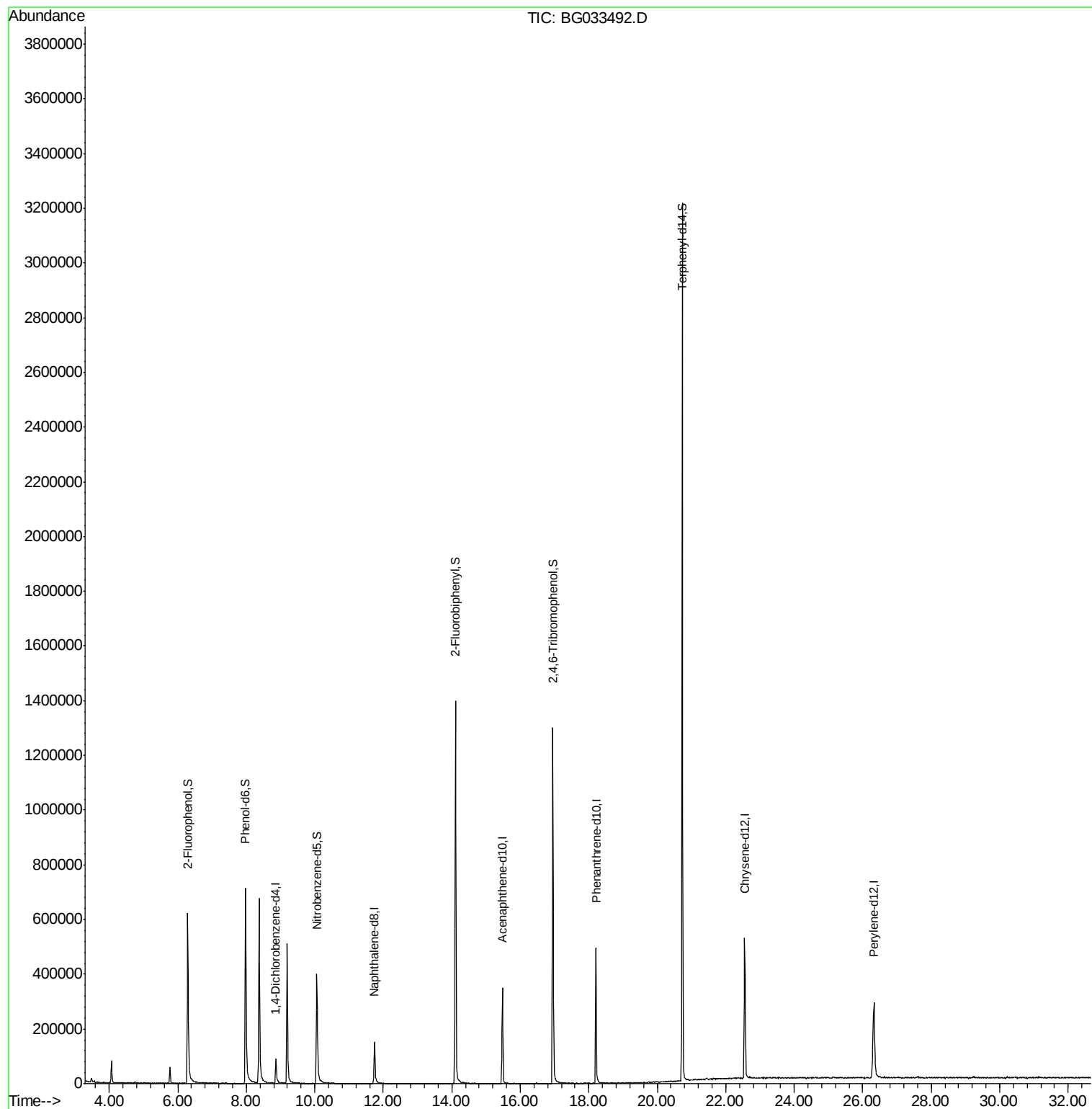
Target Compounds Qvalue

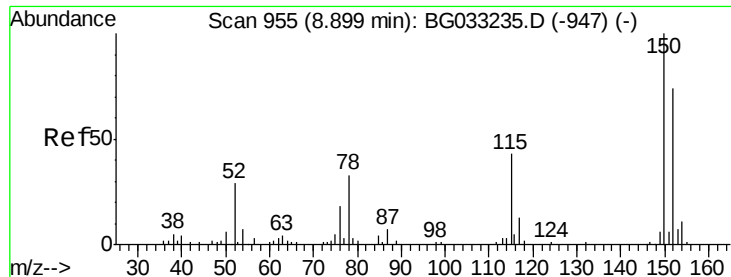
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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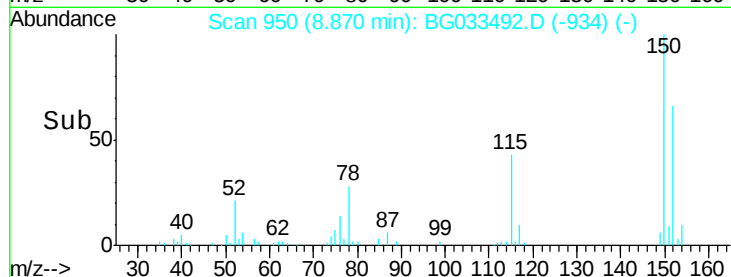
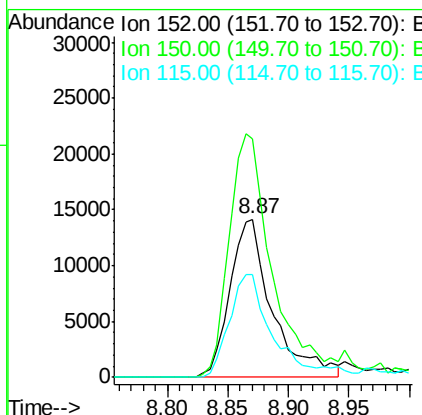
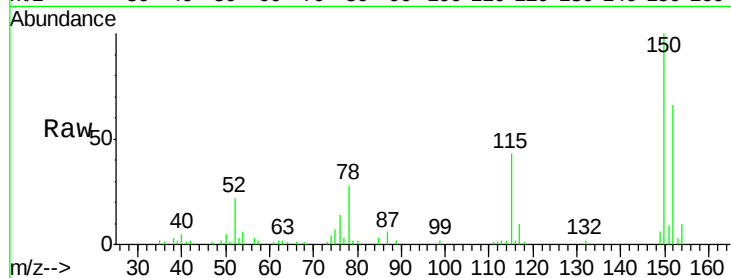


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.87 min Scan# 950
 Delta R.T. -0.01 min
 Lab File: BG033492.D
 Acq: 2 Apr 2018 18:09

Instrument :
 BNA_G
 ClientSampleId :
 PB107874BL

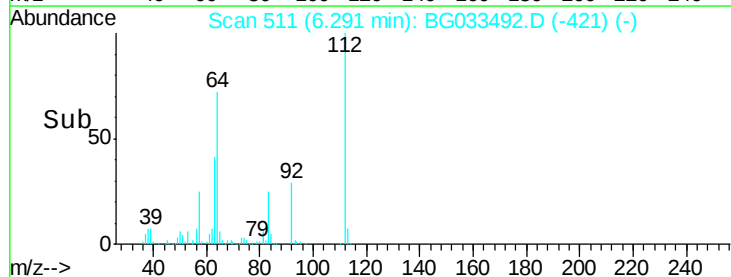
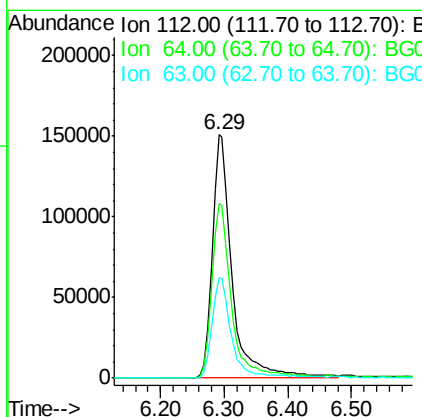
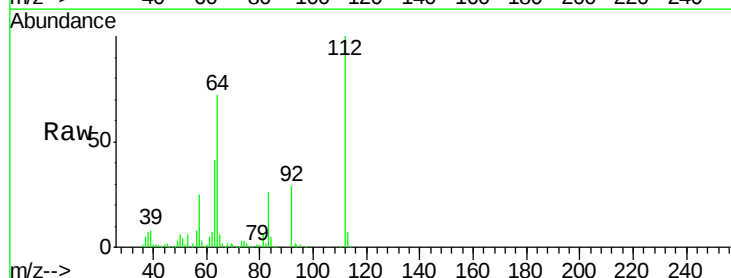
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.4	126.6	189.8
115	65.3	53.0	79.4

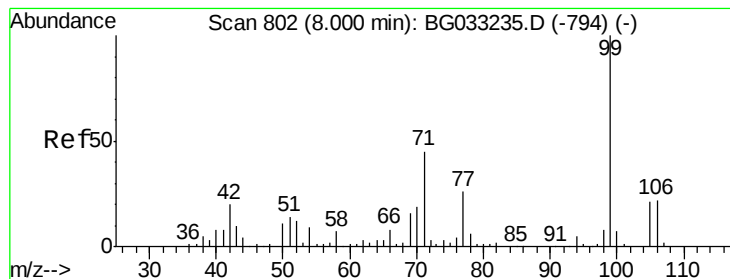


#5

2-Fluorophenol
 Concen: 181.962 ng
 RT: 6.29 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BG033492.D
 Acq: 2 Apr 2018 18:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.9	56.3	84.5
63	40.9	30.1	45.1





#7

Phenol-d6

Concen: 159.679 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.00 min

Lab File: BG033492.D

Acq: 2 Apr 2018 18:09

Instrument :

BNA_G

ClientSampleId :

PB107874BL

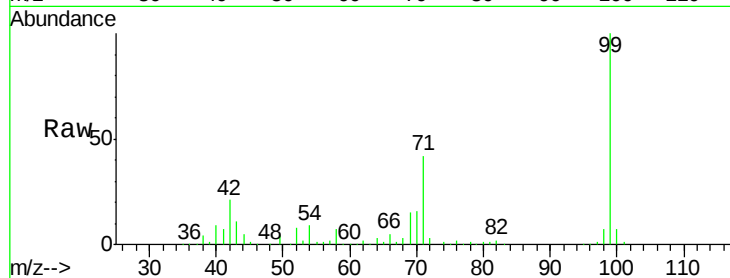
Tot Ion: 99 Resp: 505773

Ion Ratio Lower Upper

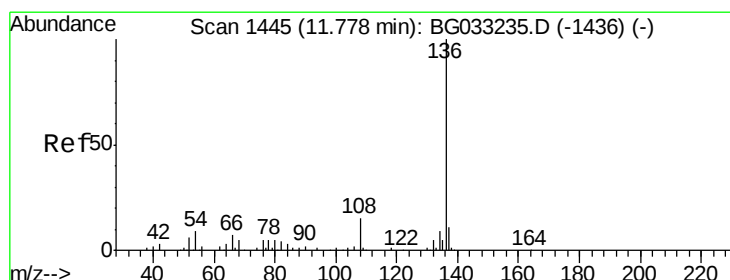
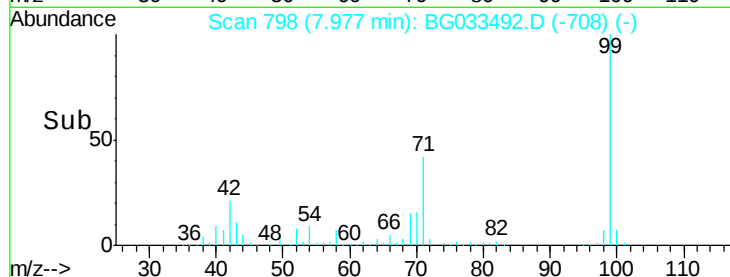
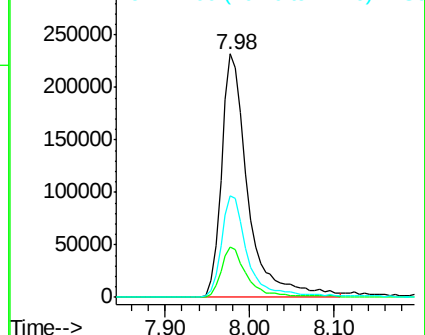
99 100

42 20.7 14.1 21.1

71 41.7 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: BG033492.D

Acq: 2 Apr 2018 18:09

Tgt Ion: 136 Resp: 159665

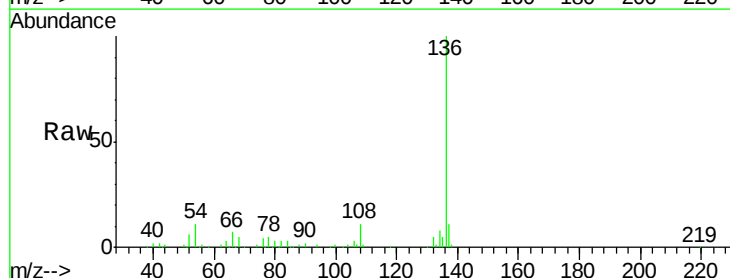
Ion Ratio Lower Upper

136 100

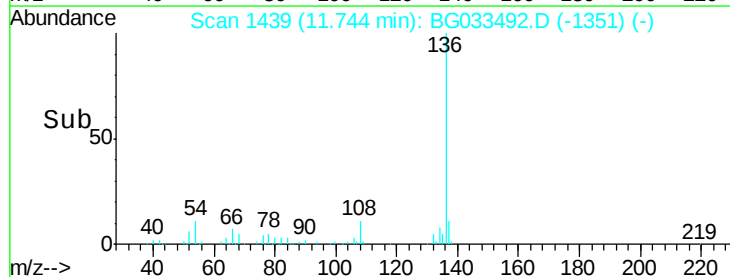
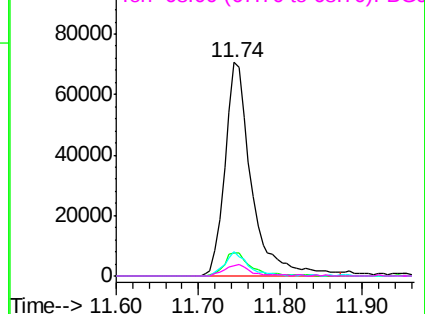
137 10.6 9.2 13.8

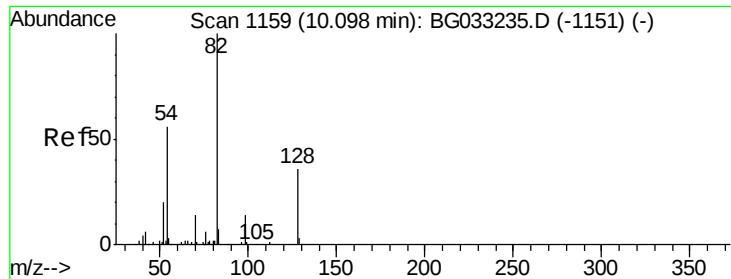
54 11.1 10.3 15.5

68 4.9 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: 92.974 ng

RT: 10.06 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BG033492.D

Acq: 2 Apr 2018 18:09

Instrument :

BNA_G

ClientSampleId :

PB107874BL

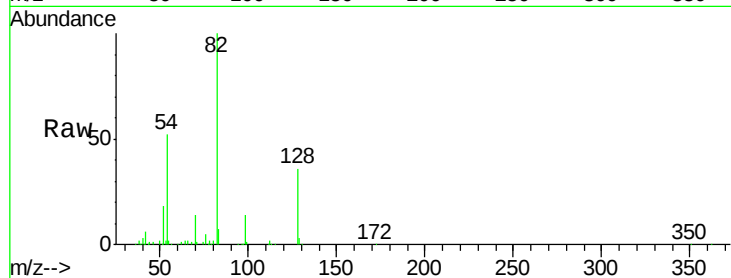
Tot Ion: 82 Resp: 323102

Ion Ratio Lower Upper

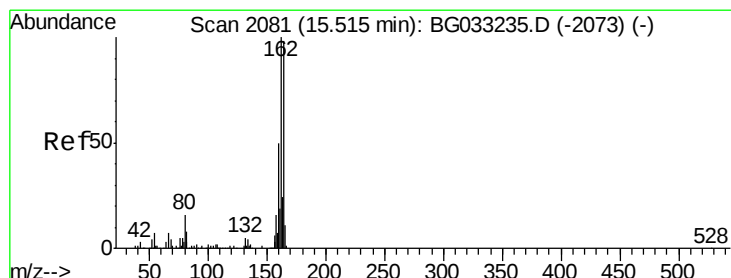
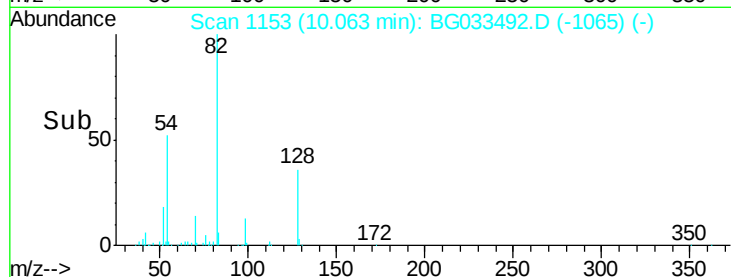
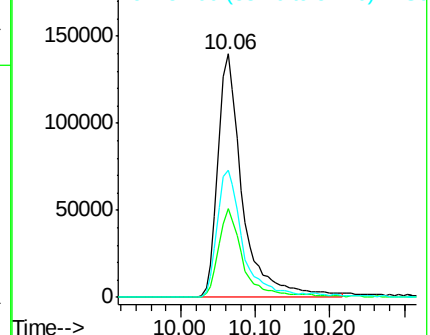
82 100

128 36.2 29.7 44.5

54 52.3 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.48 min Scan# 2075

Delta R.T. -0.01 min

Lab File: BG033492.D

Acq: 2 Apr 2018 18:09

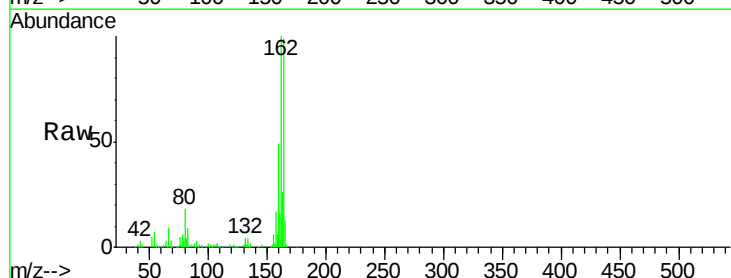
Tgt Ion: 164 Resp: 126635

Ion Ratio Lower Upper

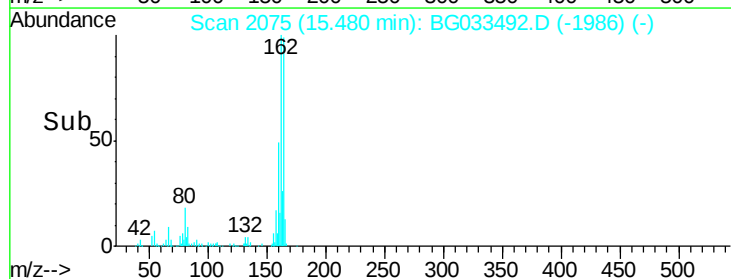
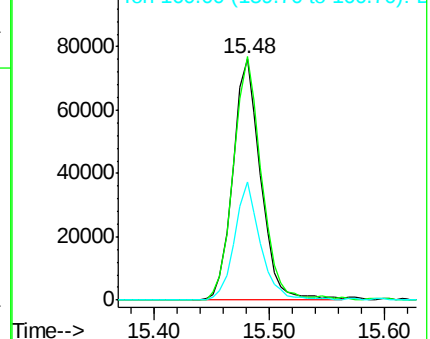
164 100

162 100.9 78.8 118.2

160 49.2 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

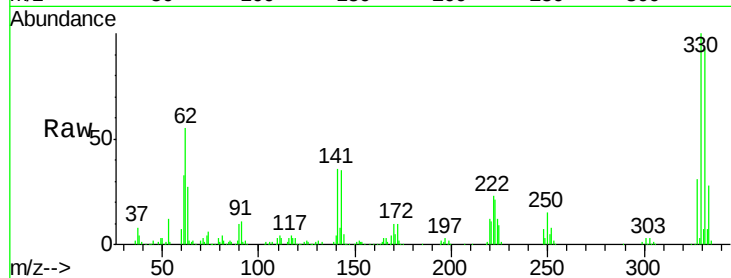




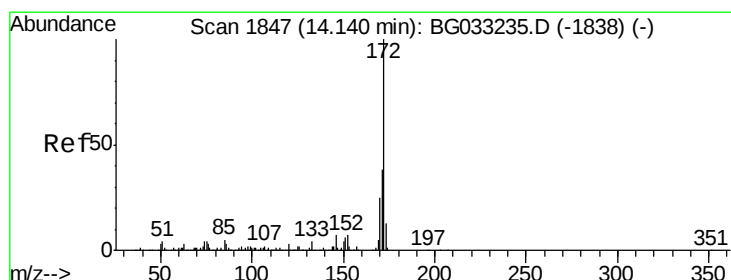
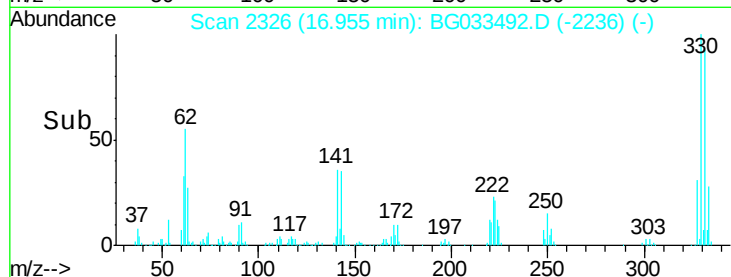
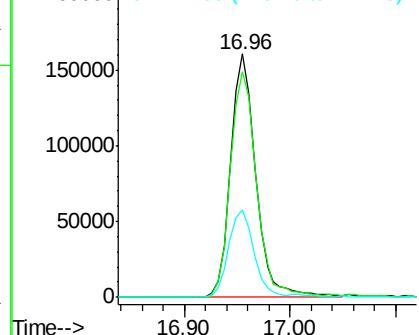
#41
 2,4,6-Tribromophenol
 Concen: 140.238 ng
 RT: 16.96 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033492.D
 Acq: 2 Apr 2018 18:09

Instrument :
 BNA_G
 ClientSampleId :
 PB107874BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	36.1	25.2	37.8

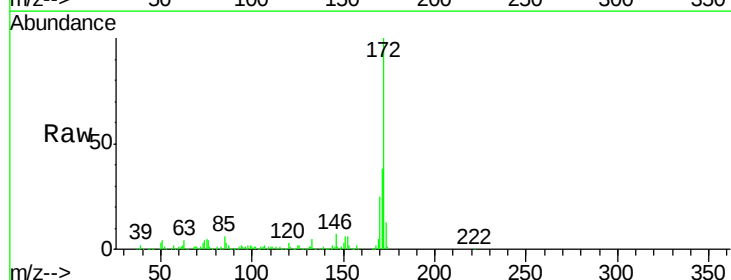


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

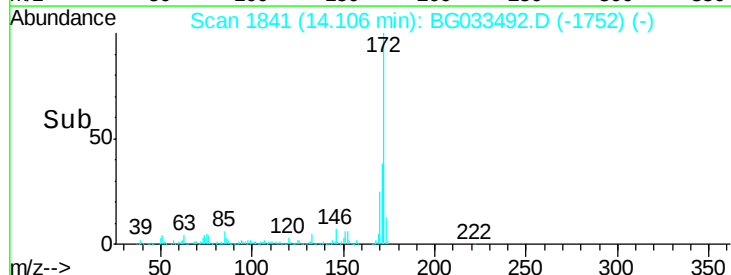
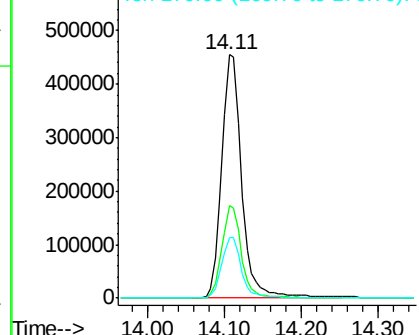


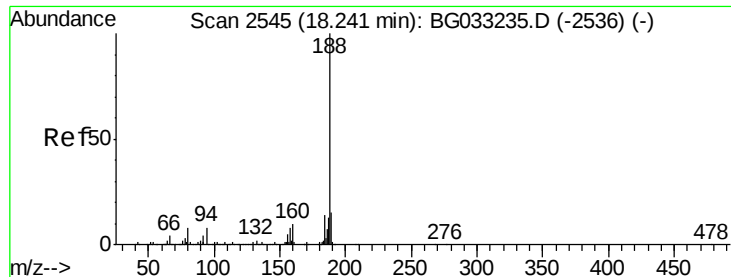
#44
 2-Fluorobiphenyl
 Concen: 93.319 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BG033492.D
 Acq: 2 Apr 2018 18:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.0	45.0
170	24.9	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

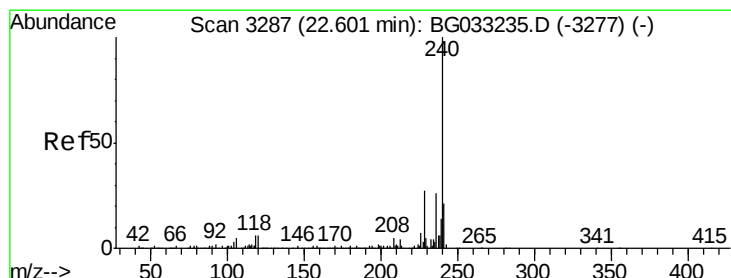
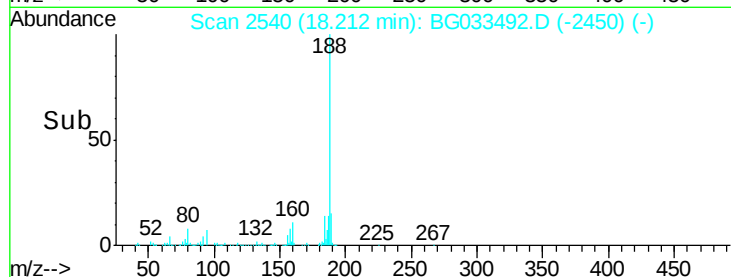
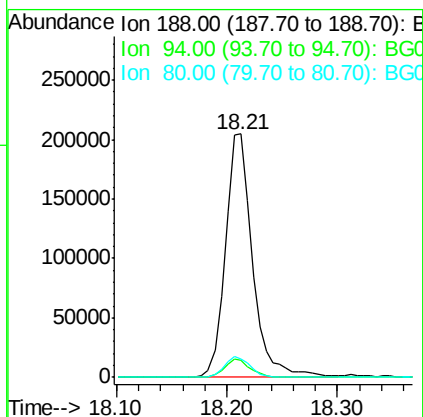
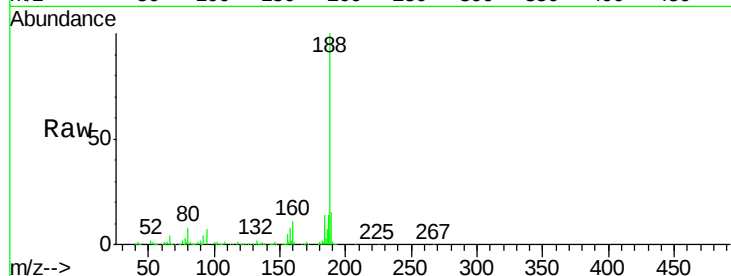




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BG033492.D
Acq: 2 Apr 2018 18:09

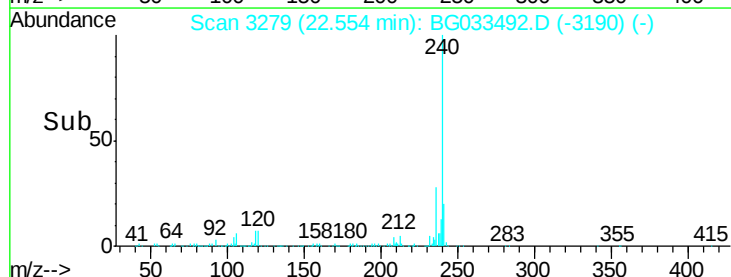
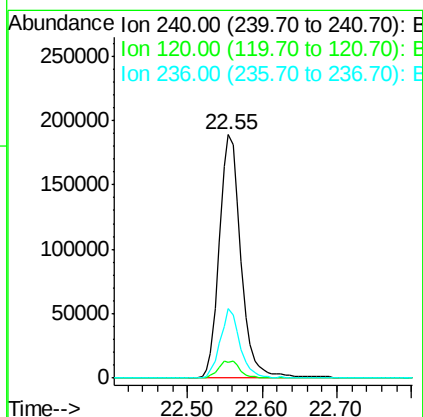
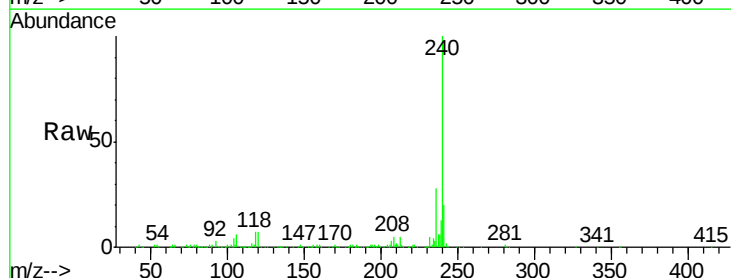
Instrument :
BNA_G
ClientSampleId :
PB107874BL

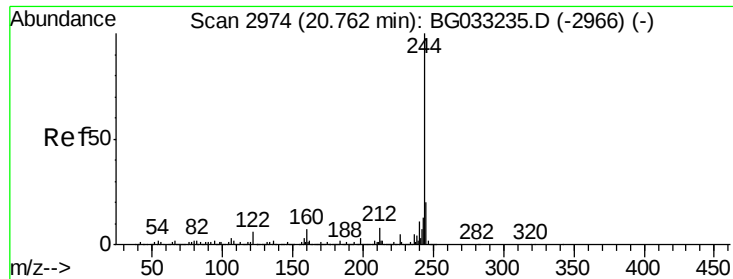
Tot Ion:188 Resp: 352575
Ion Ratio Lower Upper
188 100
94 7.3 6.9 10.3
80 7.7 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BG033492.D
Acq: 2 Apr 2018 18:09

Tgt Ion:240 Resp: 381773
Ion Ratio Lower Upper
240 100
120 6.7 6.8 10.2#
236 28.4 20.9 31.3





#78

Terphenyl-d14

Concen: 90.809 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033492.D

Acq: 2 Apr 2018 18:09

Instrument :

BNA_G

ClientSampleId :

PB107874BL

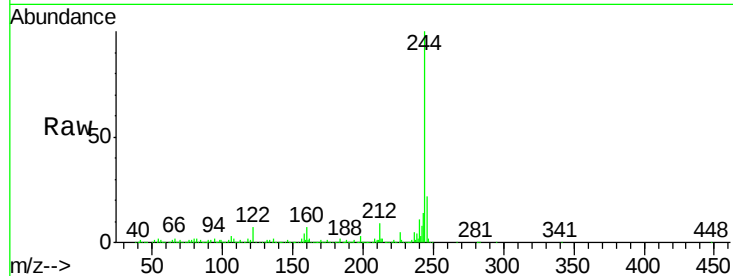
Tot Ion:244 Resp: 1621080

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

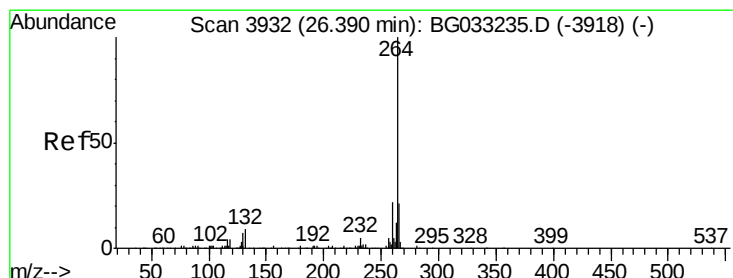
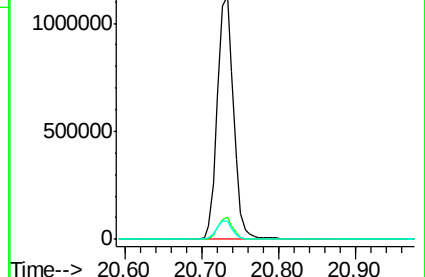
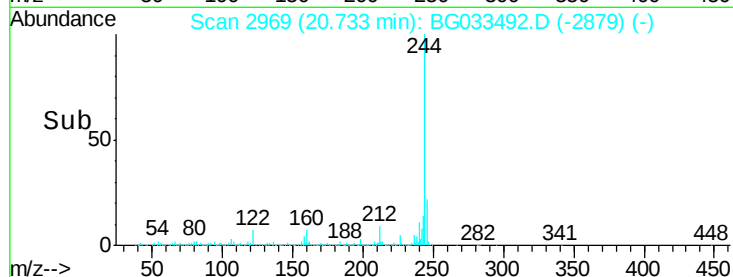
122 7.3 7.0 10.4



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. -0.01 min

Lab File: BG033492.D

Acq: 2 Apr 2018 18:09

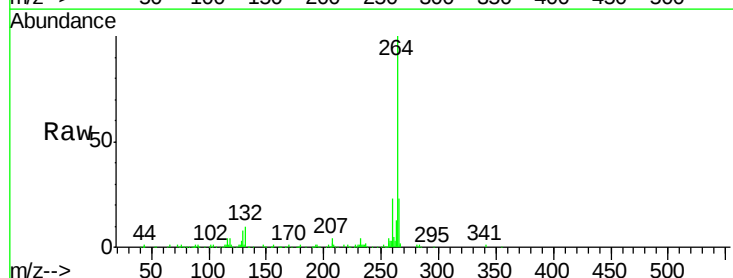
Tgt Ion:264 Resp: 396796

Ion Ratio Lower Upper

264 100

260 22.6 17.4 26.0

265 23.0 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

