

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040218\
 Data File : BG033514.D
 Acq On : 3 Apr 2018 7:54
 Operator : SJ/JU
 Sample : PB107894TB
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107894TB

Quant Time: Apr 03 08:45:45 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	8.86	152	30386	20.00	ng	-0.02
21) Naphthalene-d8	11.75	136	131819	20.00	ng	-0.01
38) Acenaphthene-d10	15.48	164	106958	20.00	ng	-0.01
63) Phenanthrene-d10	18.21	188	300742	20.00	ng	0.00
75) Chrysene-d12	22.55	240	328944	20.00	ng	-0.01
86) Perylene-d12	26.32	264	335921	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	268731	165.83	ng	0.00
7) Phenol-d6	7.97	99	406968	146.16	ng	0.00
23) Nitrobenzene-d5	10.06	82	253707	88.43	ng	-0.02
41) 2,4,6-Tribromophenol	16.95	330	205739	128.61	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	647406	87.38	ng	0.00
78) Terphenyl-d14	20.73	244	1343844	87.37	ng	0.00

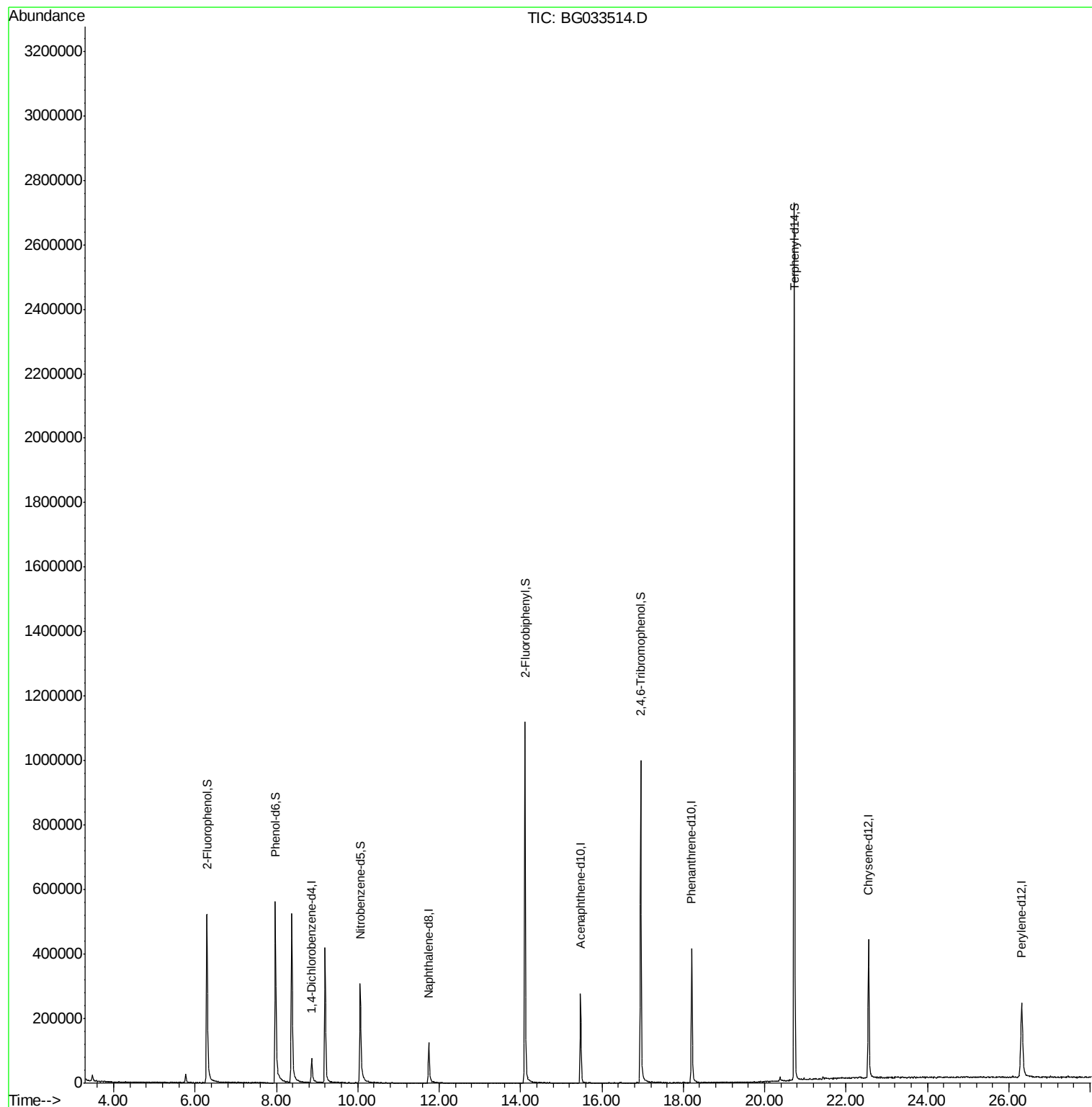
Target Compounds Qvalue

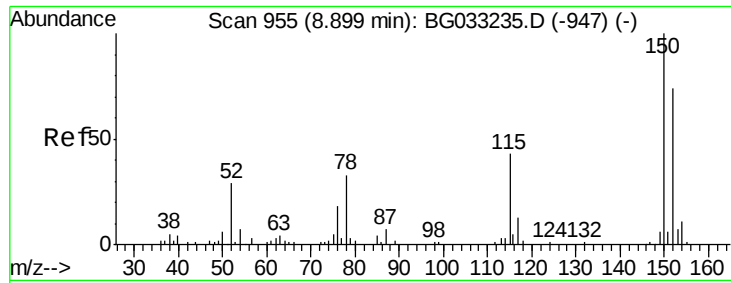
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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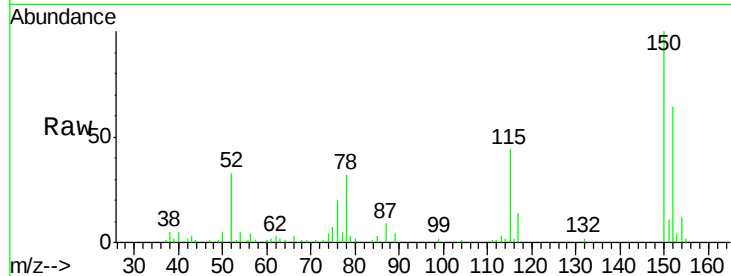


#1

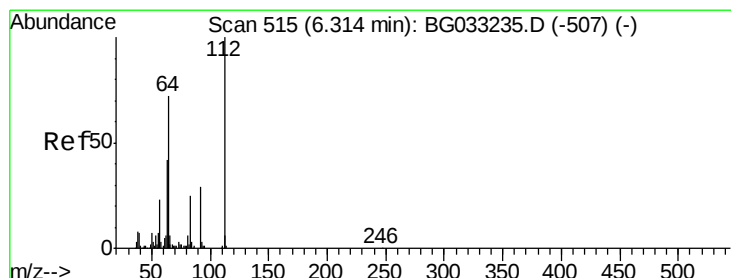
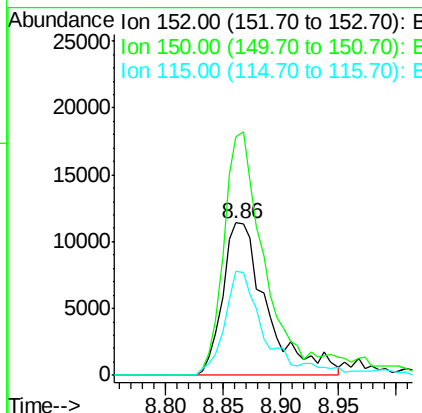
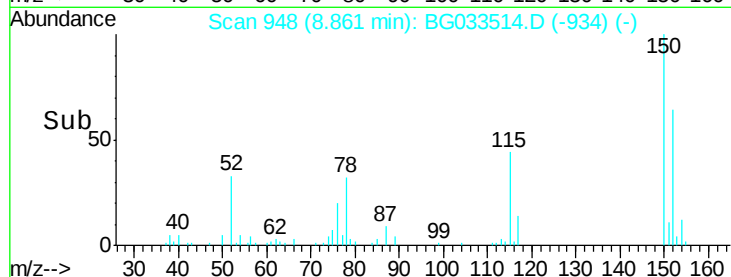
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.86 min Scan# 948
 Delta R.T. -0.02 min
 Lab File: BG033514.D
 Acq: 3 Apr 2018 7:54

Instrument :
 BNA_G
 ClientSampleId :
 PB107894TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.6	189.8
115	68.2	53.0	79.4



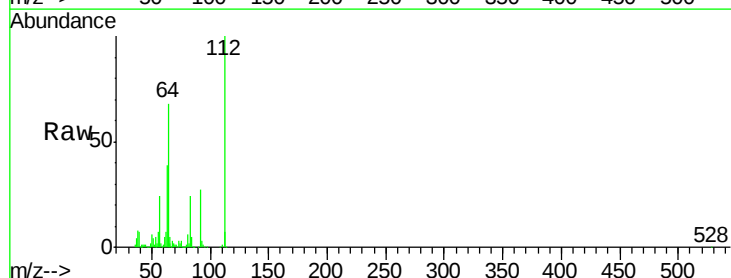
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



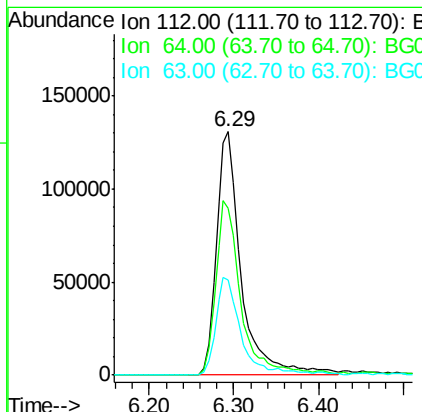
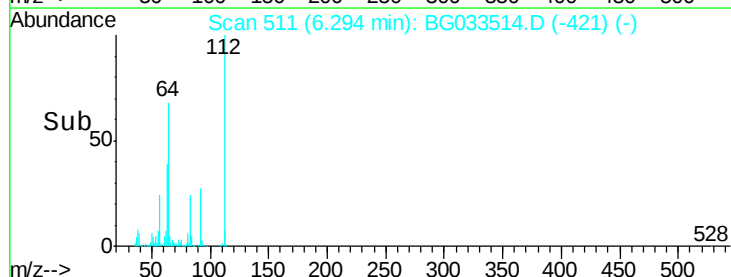
#5

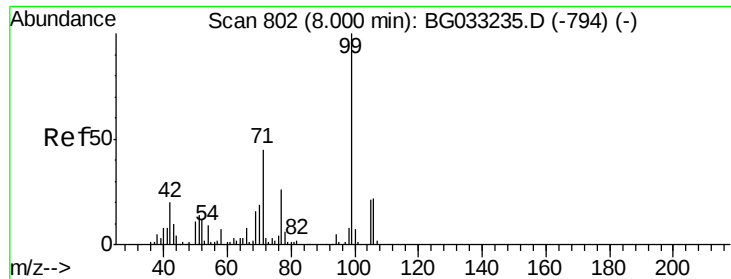
2-Fluorophenol
 Concen: 165.834 ng
 RT: 6.29 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BG033514.D
 Acq: 3 Apr 2018 7:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.4	56.3	84.5
63	39.3	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: 146.164 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.01 min

Lab File: BG033514.D

Acq: 3 Apr 2018 7:54

Instrument :

BNA_G

ClientSampleId :

PB107894TB

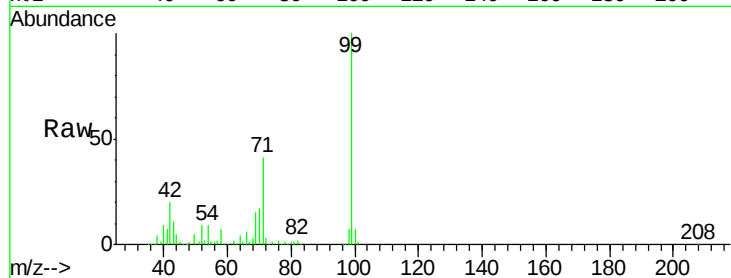
Tot Ion: 99 Resp: 406968

Ion Ratio Lower Upper

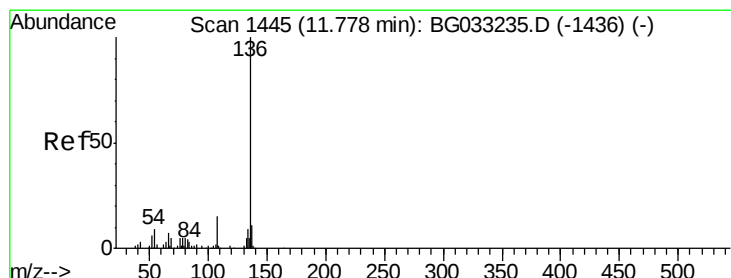
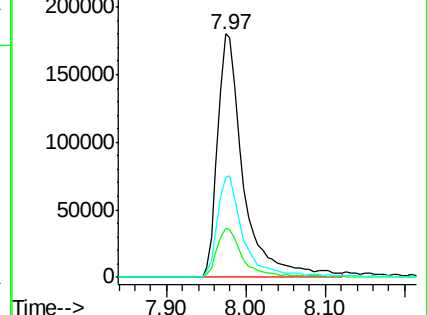
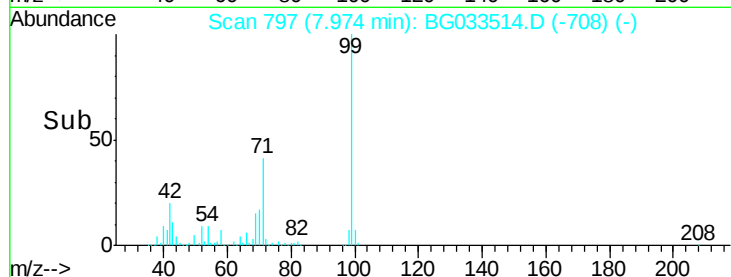
99 100

42 20.3 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: 11.75 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BG033514.D

Acq: 3 Apr 2018 7:54

Tgt Ion: 136 Resp: 131819

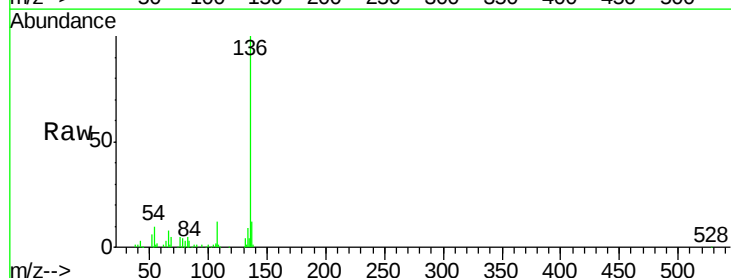
Ion Ratio Lower Upper

136 100

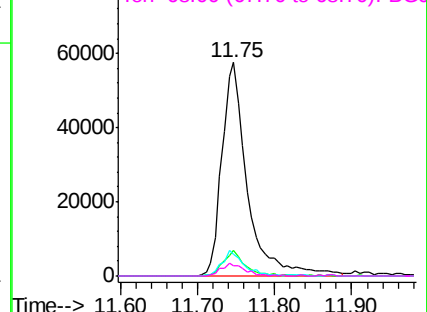
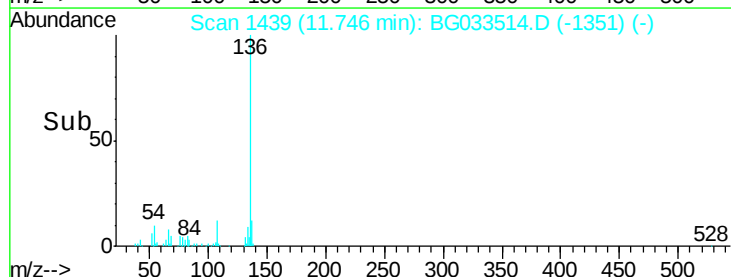
137 11.8 9.2 13.8

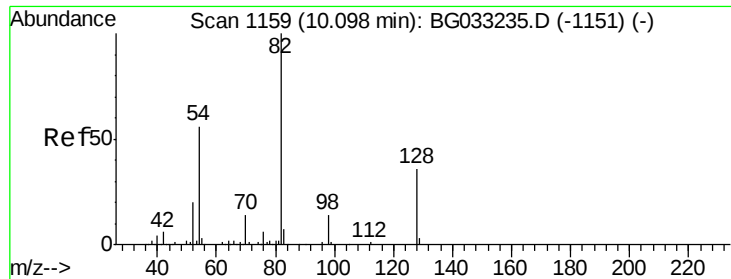
54 10.0 10.3 15.5#

68 5.1 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: 88.427 ng

RT: 10.06 min Scan# 1152

Delta R.T. -0.02 min

Lab File: BG033514.D

Acq: 3 Apr 2018 7:54

Instrument :

BNA_G

ClientSampleId :

PB107894TB

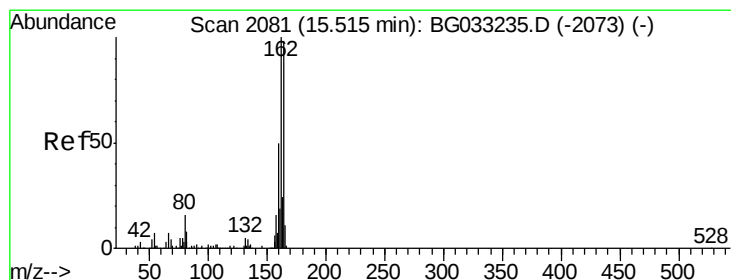
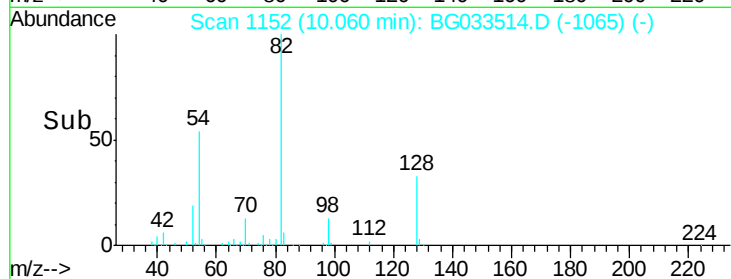
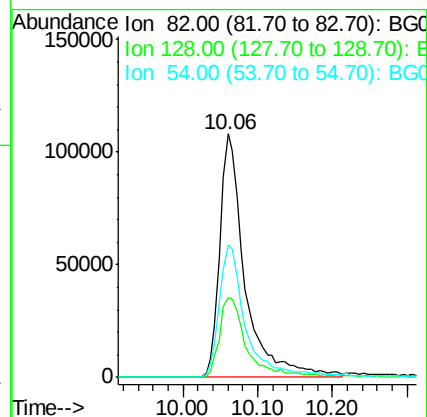
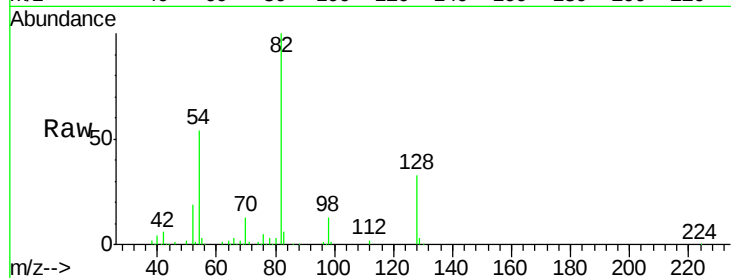
Tot Ion: 82 Resp: 253707

Ion Ratio Lower Upper

82 100

128 32.9 29.7 44.5

54 54.3 43.1 64.7



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.48 min Scan# 2074

Delta R.T. -0.01 min

Lab File: BG033514.D

Acq: 3 Apr 2018 7:54

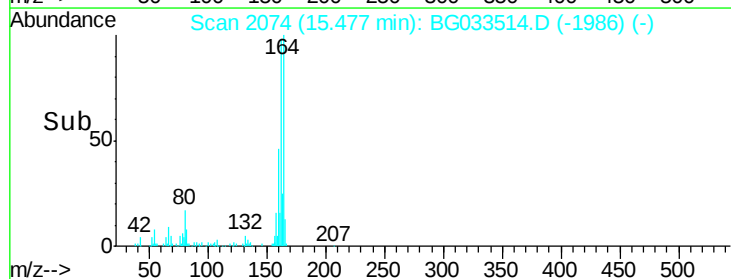
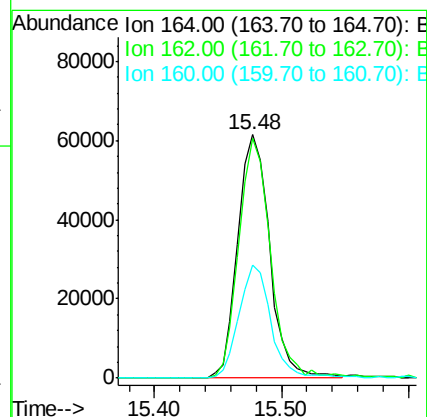
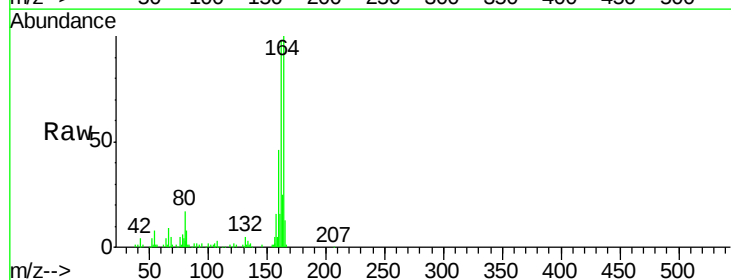
Tgt Ion: 164 Resp: 106958

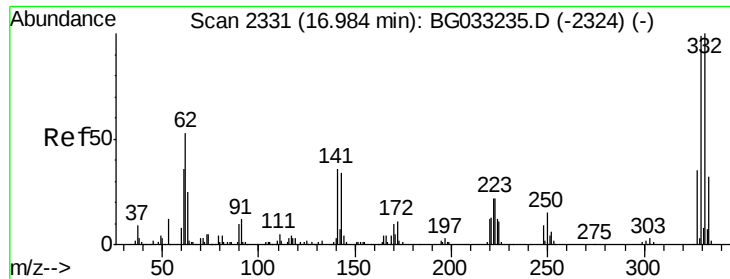
Ion Ratio Lower Upper

164 100

162 98.3 78.8 118.2

160 46.3 35.4 53.0

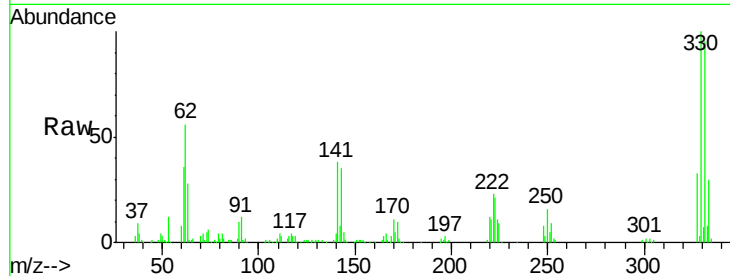




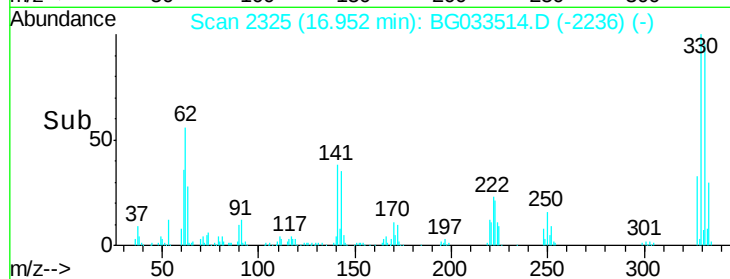
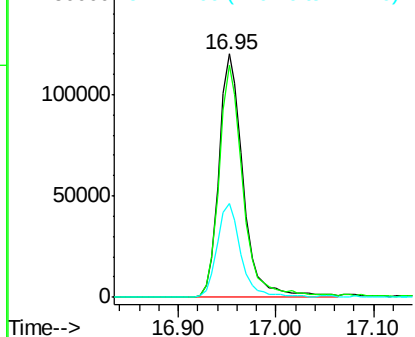
#41
 2,4,6-Tribromophenol
 Concen: 128.612 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BG033514.D
 Acq: 3 Apr 2018 7:54

Instrument :
 BNA_G
 ClientSampleId :
 PB107894TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.0	115.6
141	38.2	25.2	37.8#

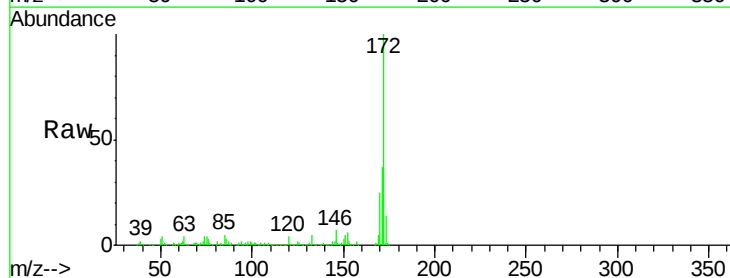


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

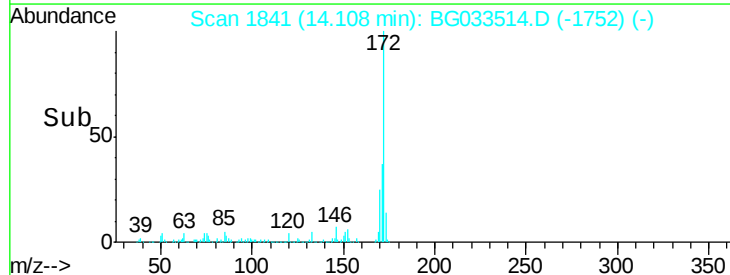
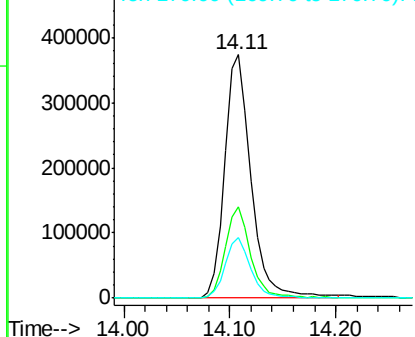


#44
 2-Fluorobiphenyl
 Concen: 87.382 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BG033514.D
 Acq: 3 Apr 2018 7:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	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# 2539

Delta R.T. -0.01 min

Lab File: BG033514.D

Acq: 3 Apr 2018 7:54

Instrument :

BNA_G

ClientSampleId :

PB107894TB

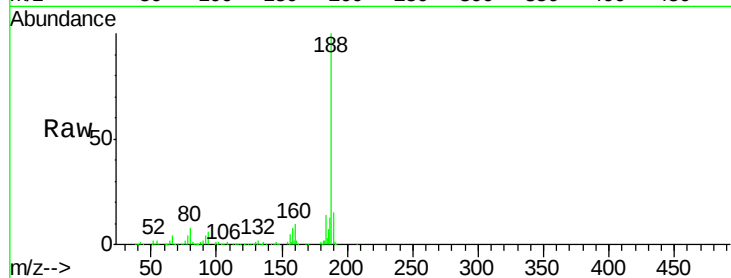
Tot Ion:188 Resp: 300742

Ion Ratio Lower Upper

188 100

94 5.6 6.9 10.3#

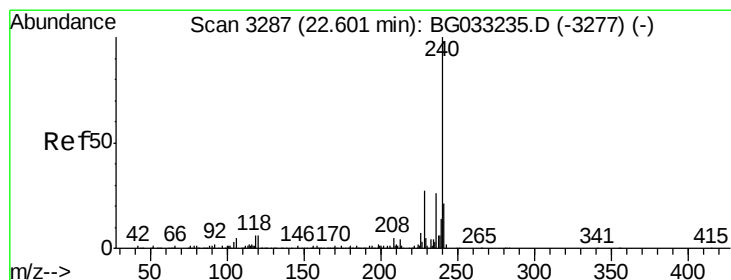
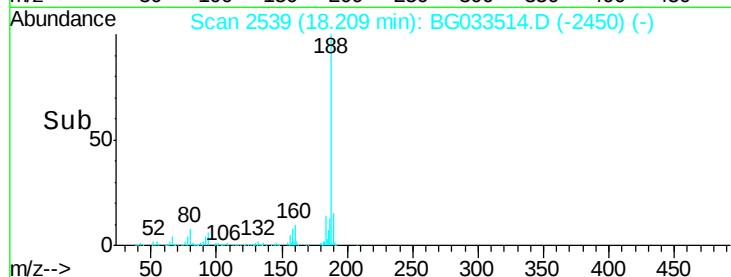
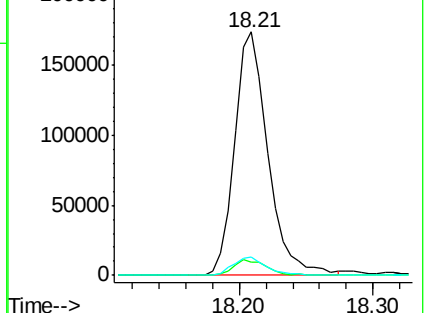
80 7.5 7.7 11.5#



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# 3278

Delta R.T. -0.01 min

Lab File: BG033514.D

Acq: 3 Apr 2018 7:54

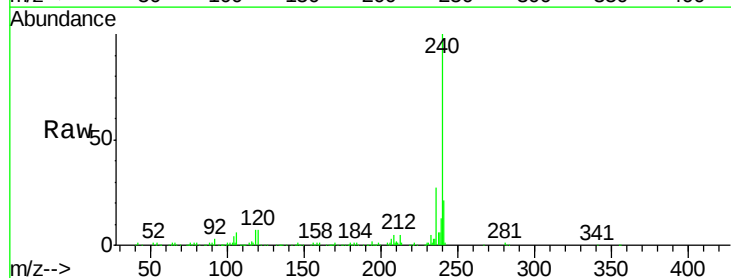
Tgt Ion:240 Resp: 328944

Ion Ratio Lower Upper

240 100

120 6.9 6.8 10.2

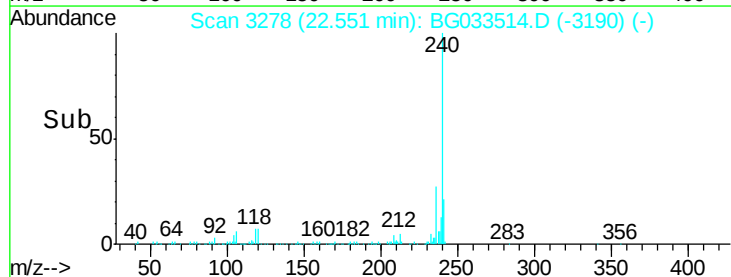
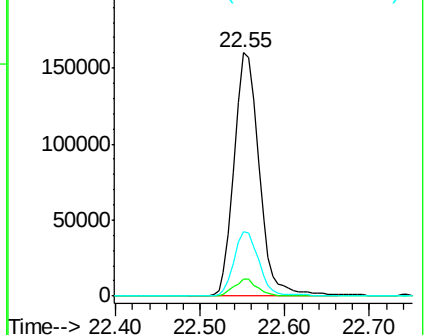
236 26.7 20.9 31.3

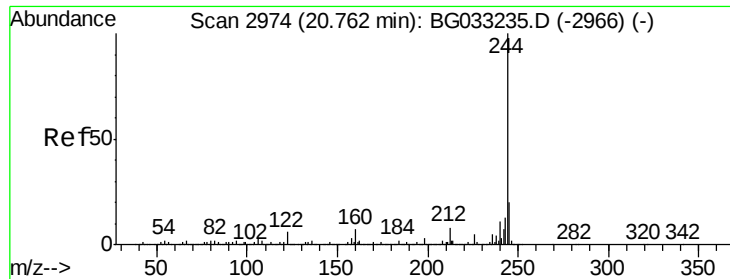


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.369 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BG033514.D

Acq: 3 Apr 2018 7:54

Instrument :

BNA_G

ClientSampleId :

PB107894TB

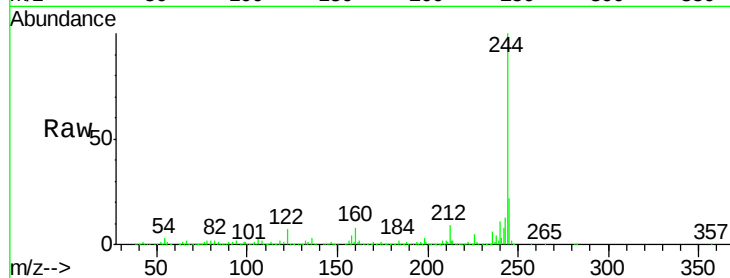
Tot Ion:244 Resp: 1343844

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

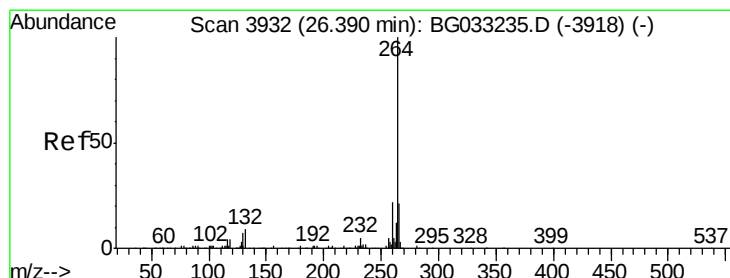
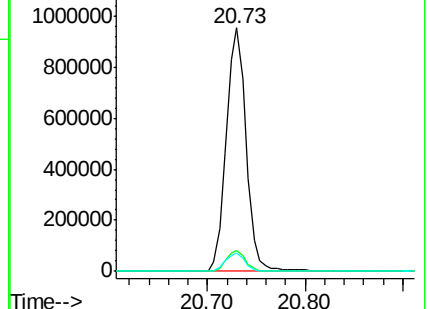
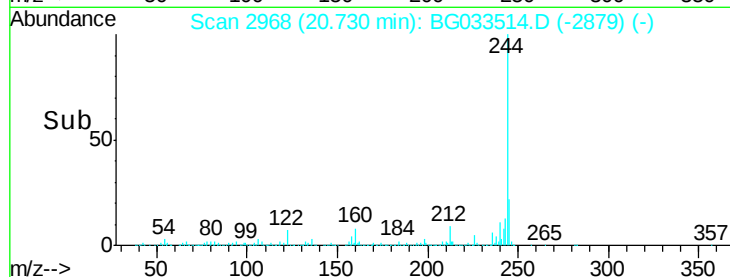
122 7.4 7.0 10.4



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# 3919

Delta R.T. -0.02 min

Lab File: BG033514.D

Acq: 3 Apr 2018 7:54

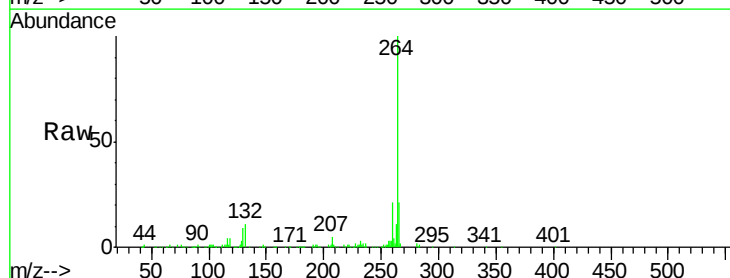
Tgt Ion:264 Resp: 335921

Ion Ratio Lower Upper

264 100

260 21.1 17.4 26.0

265 21.0 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

