

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
 Data File : BG033706.D
 Acq On : 10 Apr 2018 8:18
 Operator : SJ/JU
 Sample : PB108088TB
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB108088TB

Quant Time: Apr 10 10:59:55 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	35129	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	149052	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	102632	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	284605	20.00	ng	-0.01
75) Chrysene-d12	22.55	240	309668	20.00	ng	-0.01
86) Perylene-d12	26.32	264	330499	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	354593	189.28	ng	0.00
7) Phenol-d6	7.97	99	533419	165.71	ng	0.00
23) Nitrobenzene-d5	10.06	82	316999	97.71	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	210231	136.96	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	754414	106.12	ng	0.00
78) Terphenyl-d14	20.73	244	1462616	101.01	ng	0.00

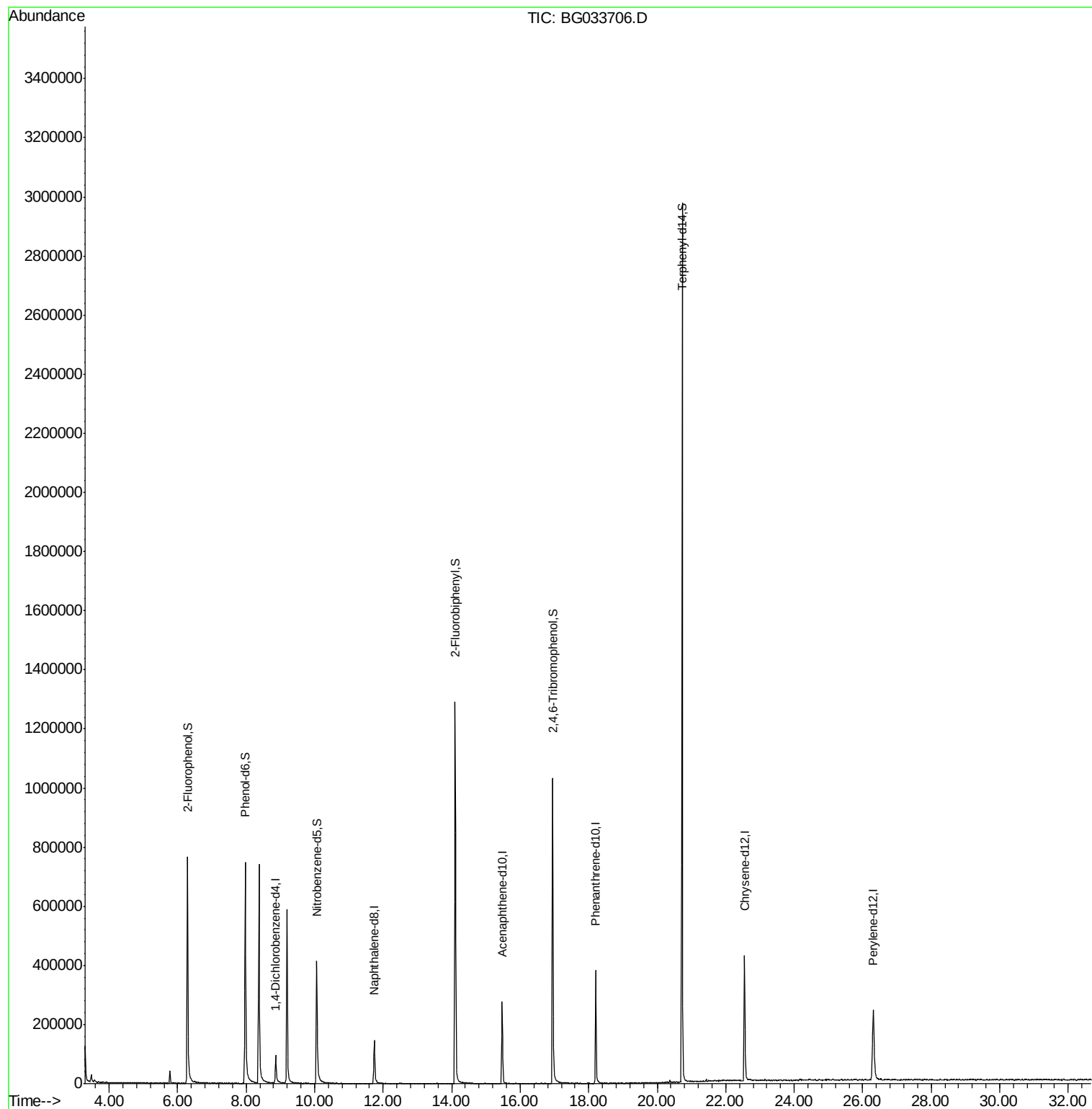
Target Compounds Qvalue

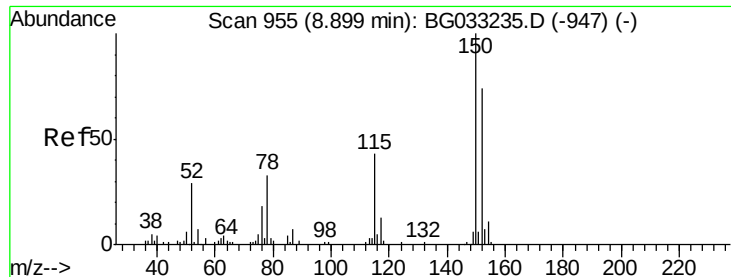
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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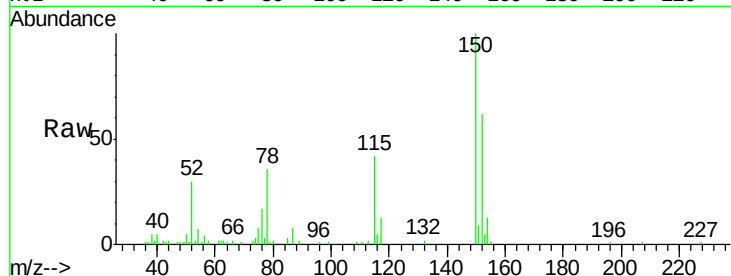


#1

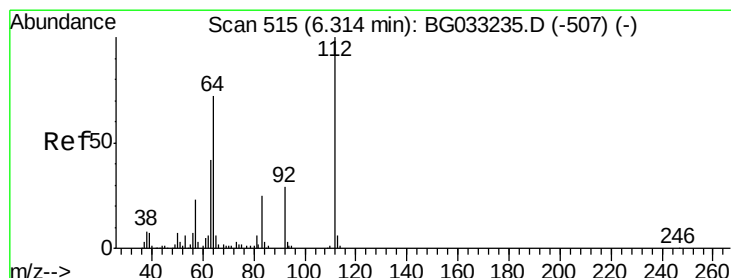
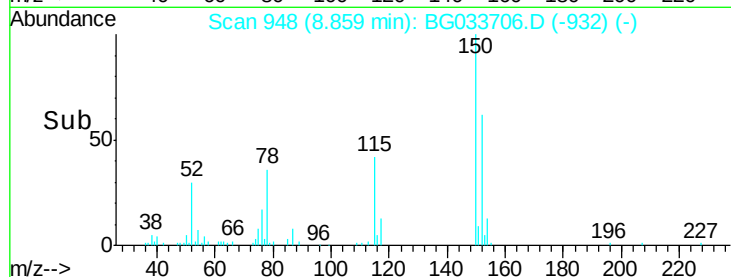
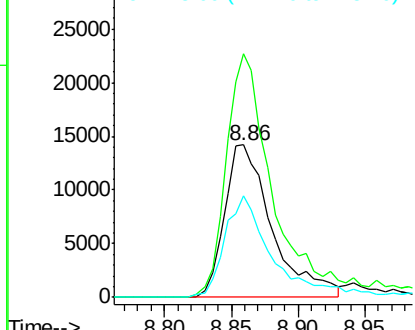
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.86 min Scan# 948
 Delta R.T. -0.00 min
 Lab File: BG033706.D
 Acq: 10 Apr 2018 8:18

Instrument :
 BNA_G
 ClientSampleId :
 PB108088TB

Tot Ion:152 Resp: 35129
 Ion Ratio Lower Upper
 152 100
 150 160.0 126.6 189.8
 115 66.6 53.0 79.4



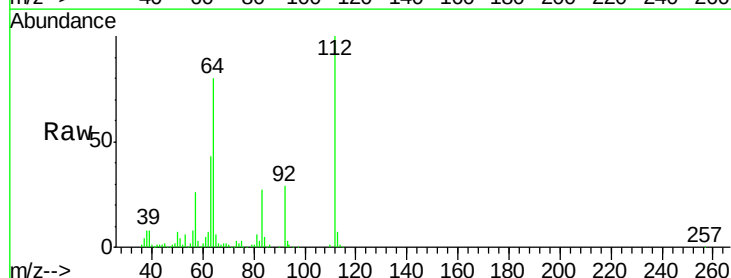
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



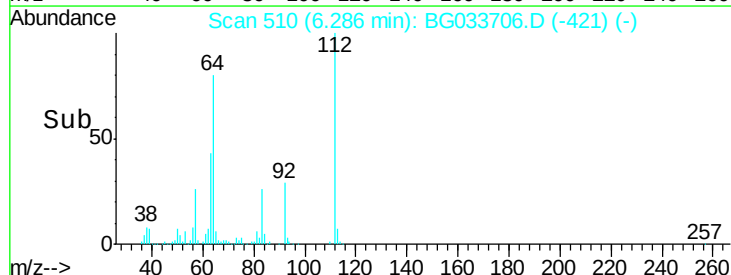
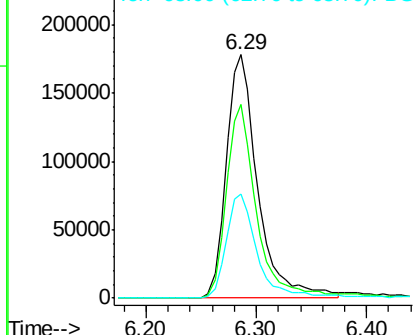
#5

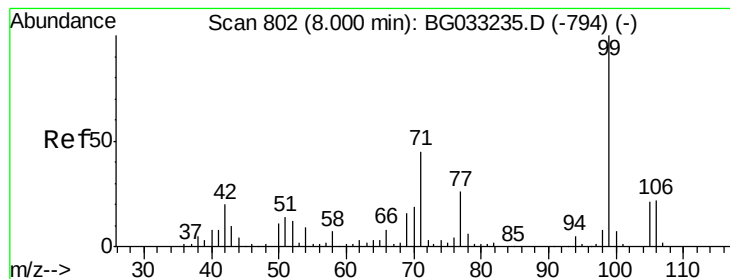
2-Fluorophenol
 Concen: 189.275 ng
 RT: 6.29 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: BG033706.D
 Acq: 10 Apr 2018 8:18

Tgt Ion:112 Resp: 354593
 Ion Ratio Lower Upper
 112 100
 64 79.6 56.3 84.5
 63 42.9 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: 165.713 ng

RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG033706.D

Acq: 10 Apr 2018 8:18

Instrument :

BNA_G

ClientSampleId :

PB108088TB

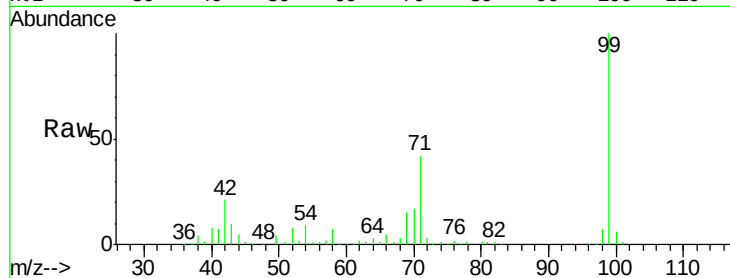
Tot Ion: 99 Resp: 533419

Ion Ratio Lower Upper

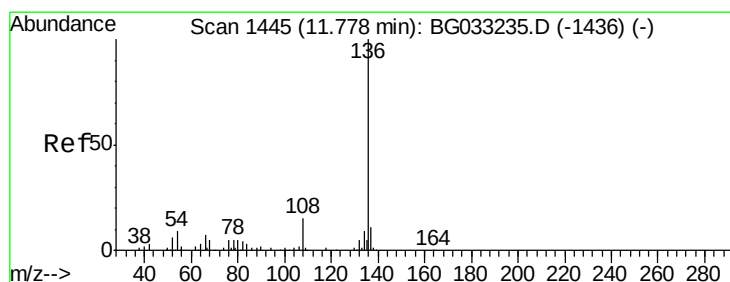
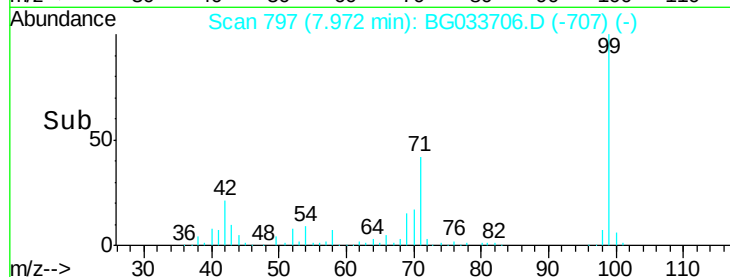
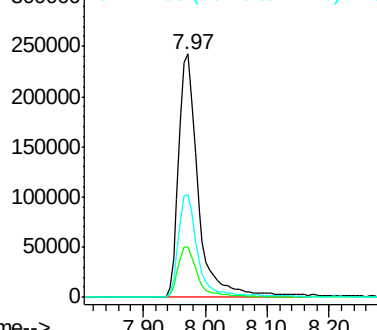
99 100

42 20.8 14.1 21.1

71 42.3 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# 1438

Delta R.T. -0.00 min

Lab File: BG033706.D

Acq: 10 Apr 2018 8:18

Tgt Ion: 136 Resp: 149052

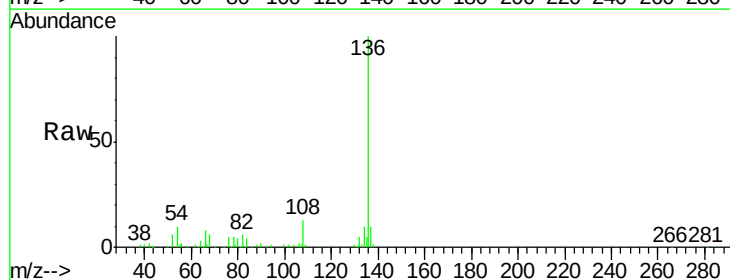
Ion Ratio Lower Upper

136 100

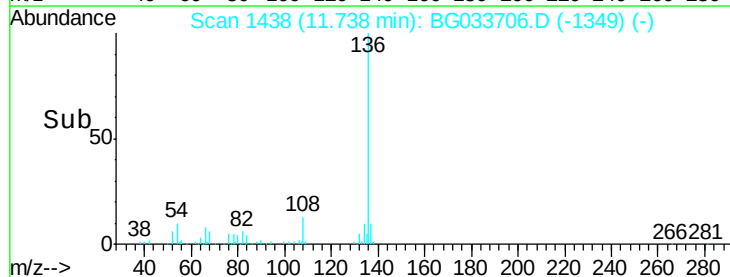
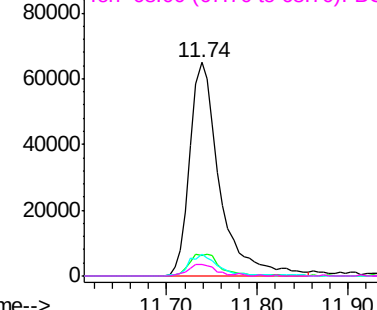
137 9.5 9.2 13.8

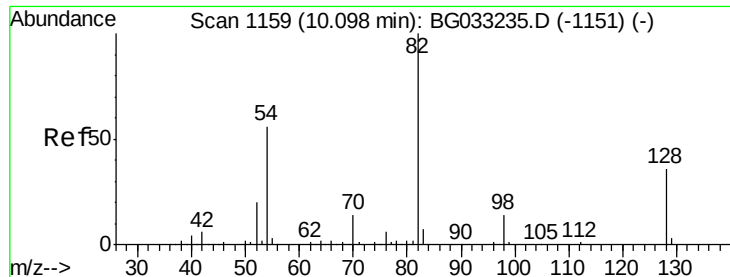
54 10.3 10.3 15.5#

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

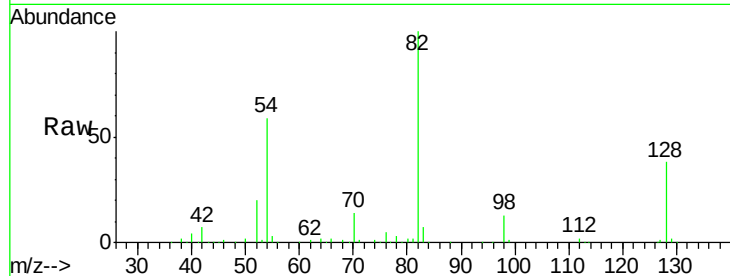




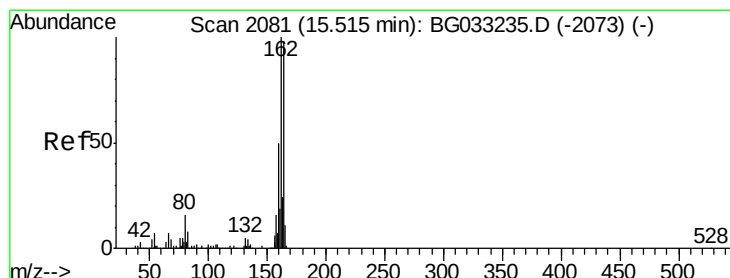
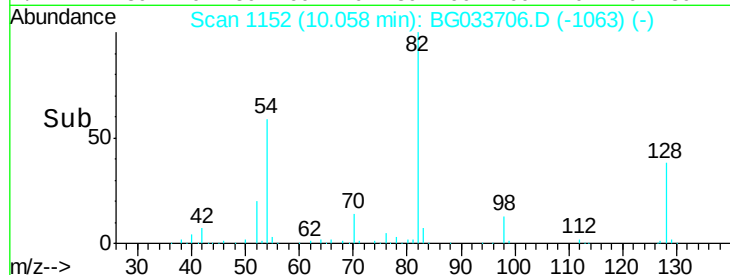
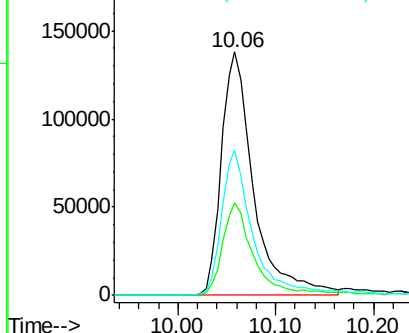
#23
 Nitrobenzene-d5
 Concen: 97.712 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BG033706.D
 Acq: 10 Apr 2018 8:18

Instrument :
 BNA_G
 ClientSampleId :
 PB108088TB

Tot Ion	82	Resp	316999
Ion Ratio	Lower	Upper	
82	100		
128	38.2	29.7	44.5
54	59.5	43.1	64.7

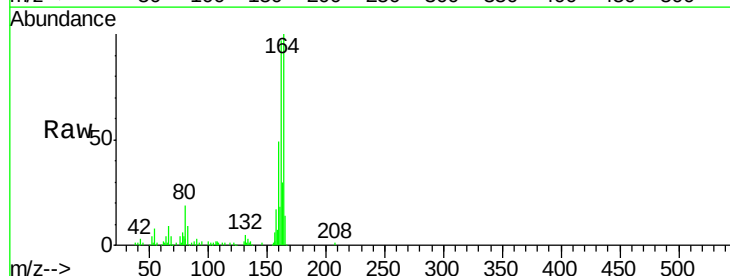


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

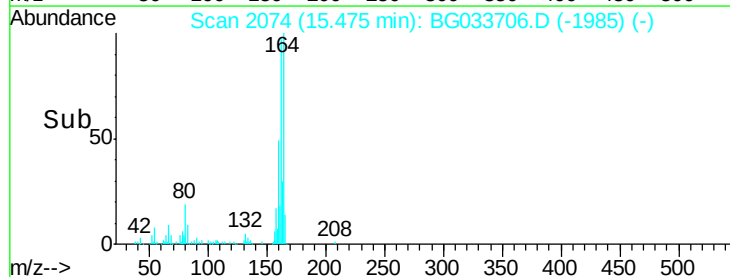
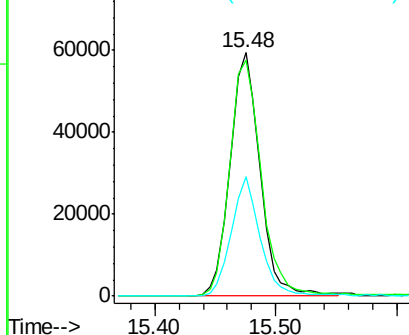


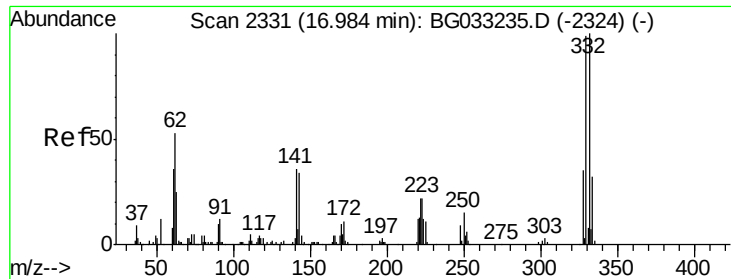
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2074
 Delta R.T. -0.00 min
 Lab File: BG033706.D
 Acq: 10 Apr 2018 8:18

Tgt Ion	164	Resp	102632
Ion Ratio	Lower	Upper	
164	100		
162	96.9	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

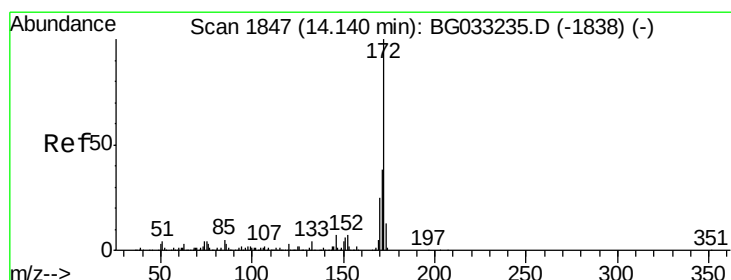
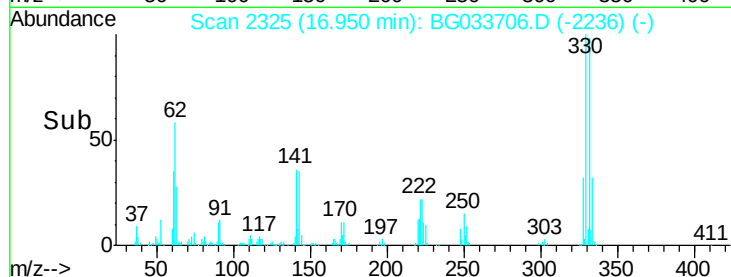
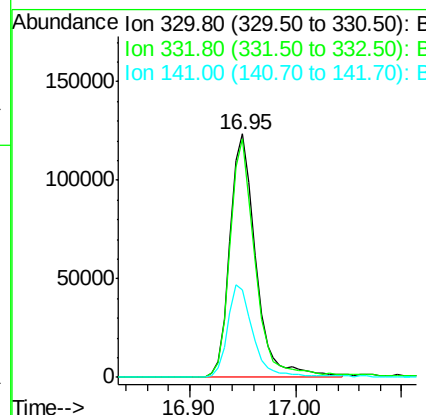
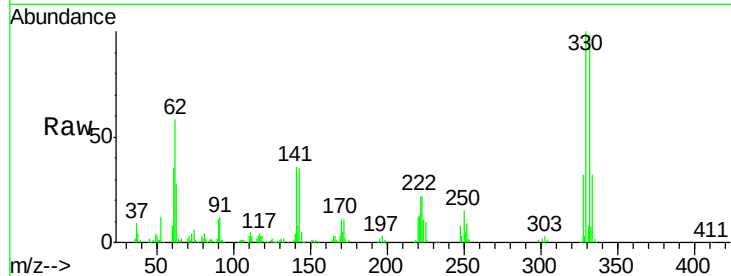




#41
 2,4,6-Tribromophenol
 Concen: 136.960 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: BG033706.D
 Acq: 10 Apr 2018 8:18

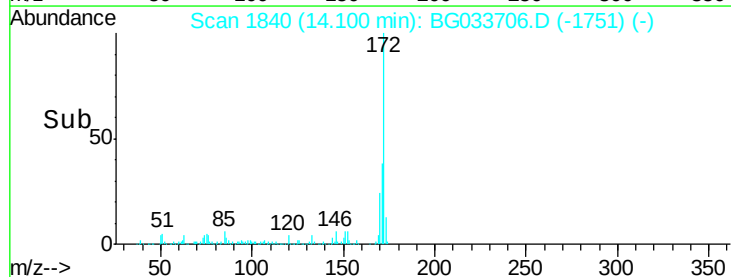
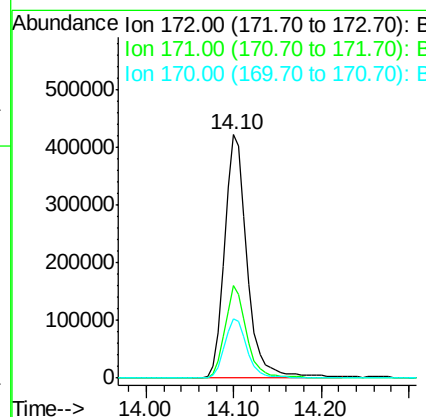
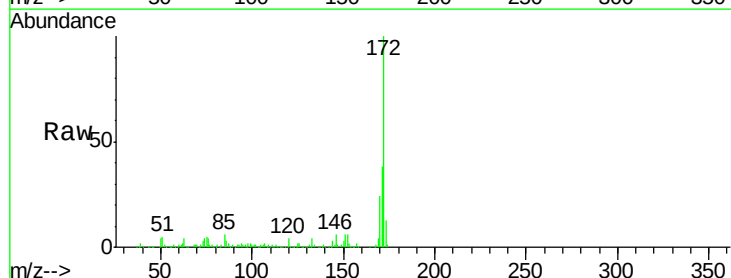
Instrument :
 BNA_G
 ClientSampleId :
 PB108088TB

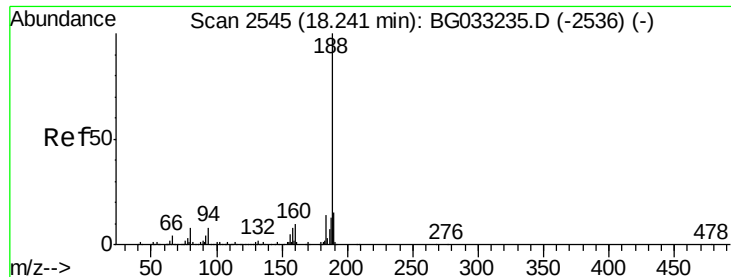
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	37.7	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 106.117 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BG033706.D
 Acq: 10 Apr 2018 8:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	24.4	19.5	29.3

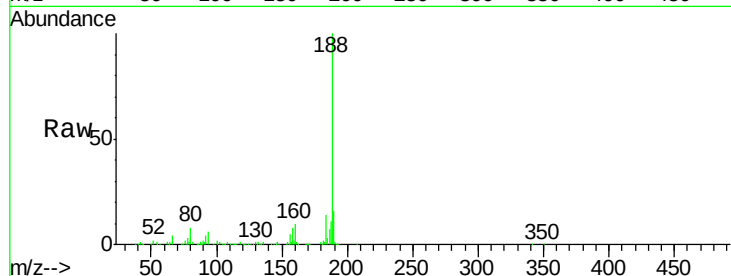




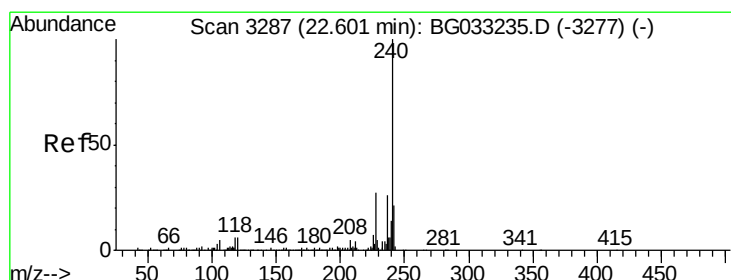
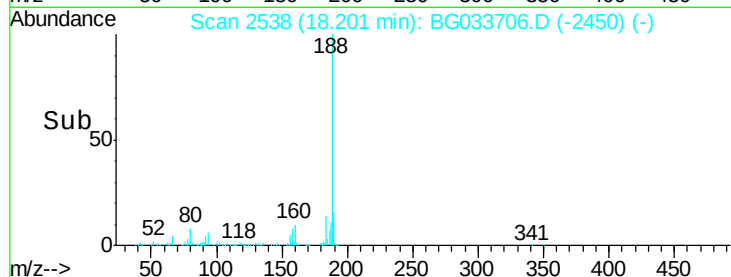
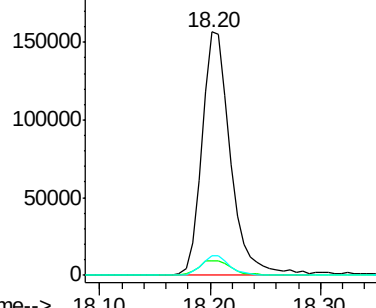
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.20 min Scan# 2538
Delta R.T. -0.01 min
Lab File: BG033706.D
Acq: 10 Apr 2018 8:18

Instrument :
BNA_G
ClientSampleId :
PB108088TB

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.2	6.9	10.3#
80	8.2	7.7	11.5

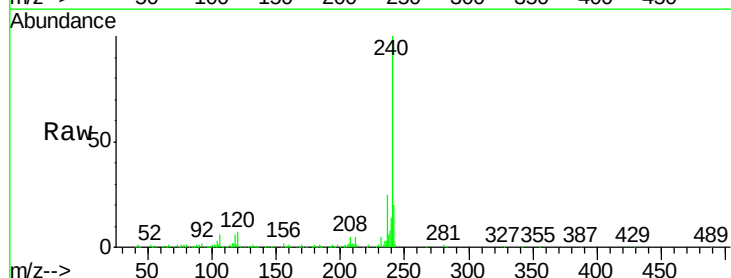


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

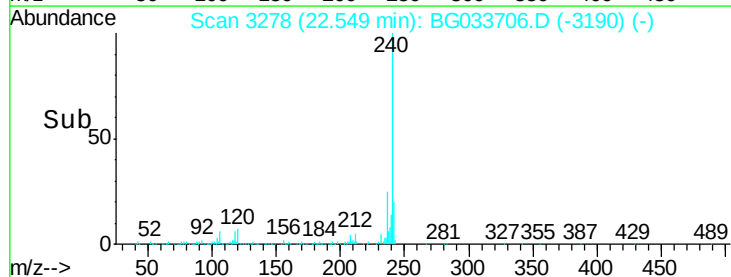
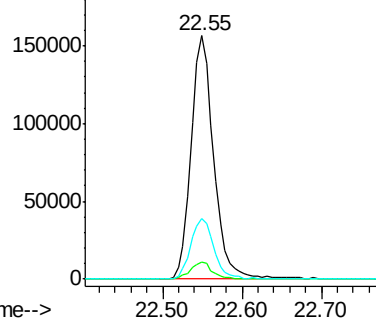


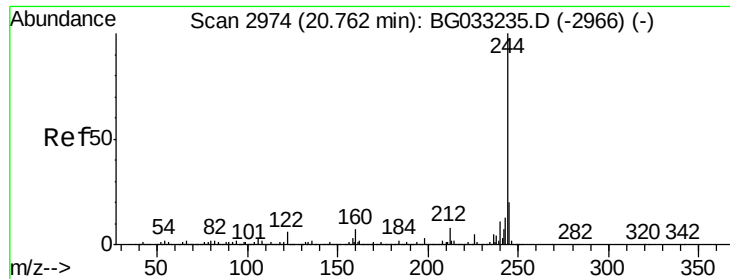
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.01 min
Lab File: BG033706.D
Acq: 10 Apr 2018 8:18

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.3	6.8	10.2
236	25.0	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: 101.010 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033706.D

Acq: 10 Apr 2018 8:18

Instrument :

BNA_G

ClientSampleId :

PB108088TB

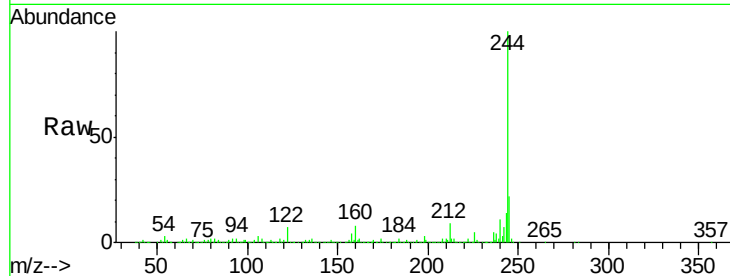
Tot Ion:244 Resp: 1462616

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

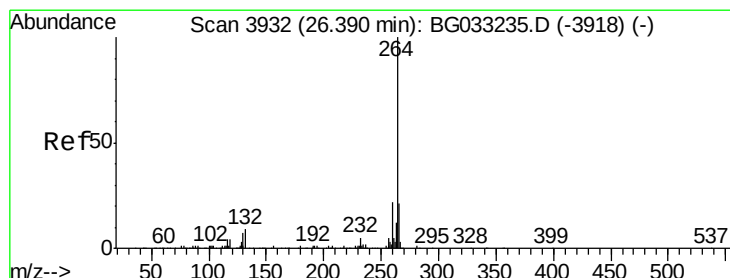
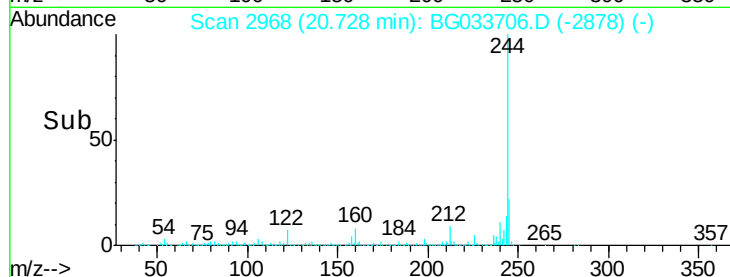
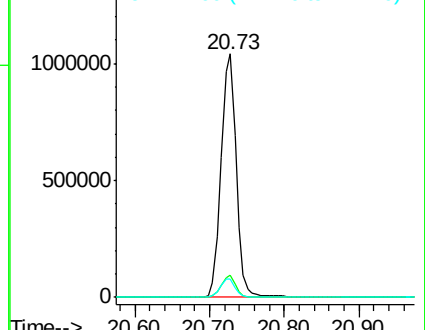
122 7.4 7.0 10.4



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. -0.00 min

Lab File: BG033706.D

Acq: 10 Apr 2018 8:18

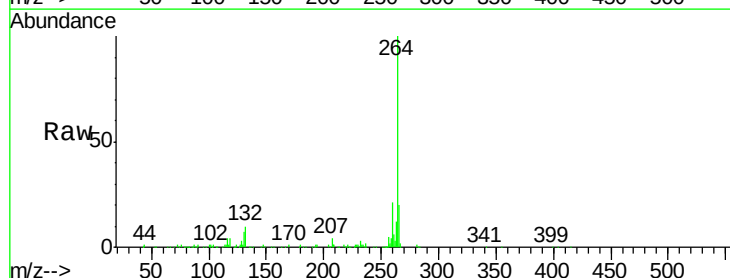
Tgt Ion:264 Resp: 330499

Ion Ratio Lower Upper

264 100

260 21.3 17.4 26.0

265 19.7 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

