

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
 Data File : BG033744.D
 Acq On : 11 Apr 2018 11:55
 Operator : SJ/JU
 Sample : PB108084BL
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB108084BL

Quant Time: Apr 11 13:12:15 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 16:51:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.85	152	41992	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	166651	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	116029	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	304940	20.00	ng	0.00
75) Chrysene-d12	22.55	240	333749	20.00	ng	0.00
86) Perylene-d12	26.30	264	356982	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	365583	163.25	ng	0.00
7) Phenol-d6	7.97	99	519320	134.97	ng	0.00
23) Nitrobenzene-d5	10.06	82	330492	91.11	ng	0.00
41) 2,4,6-Tribromophenol	16.94	330	204045	117.58	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	732559	91.15	ng	0.00
78) Terphenyl-d14	20.72	244	1392106	89.20	ng	0.00

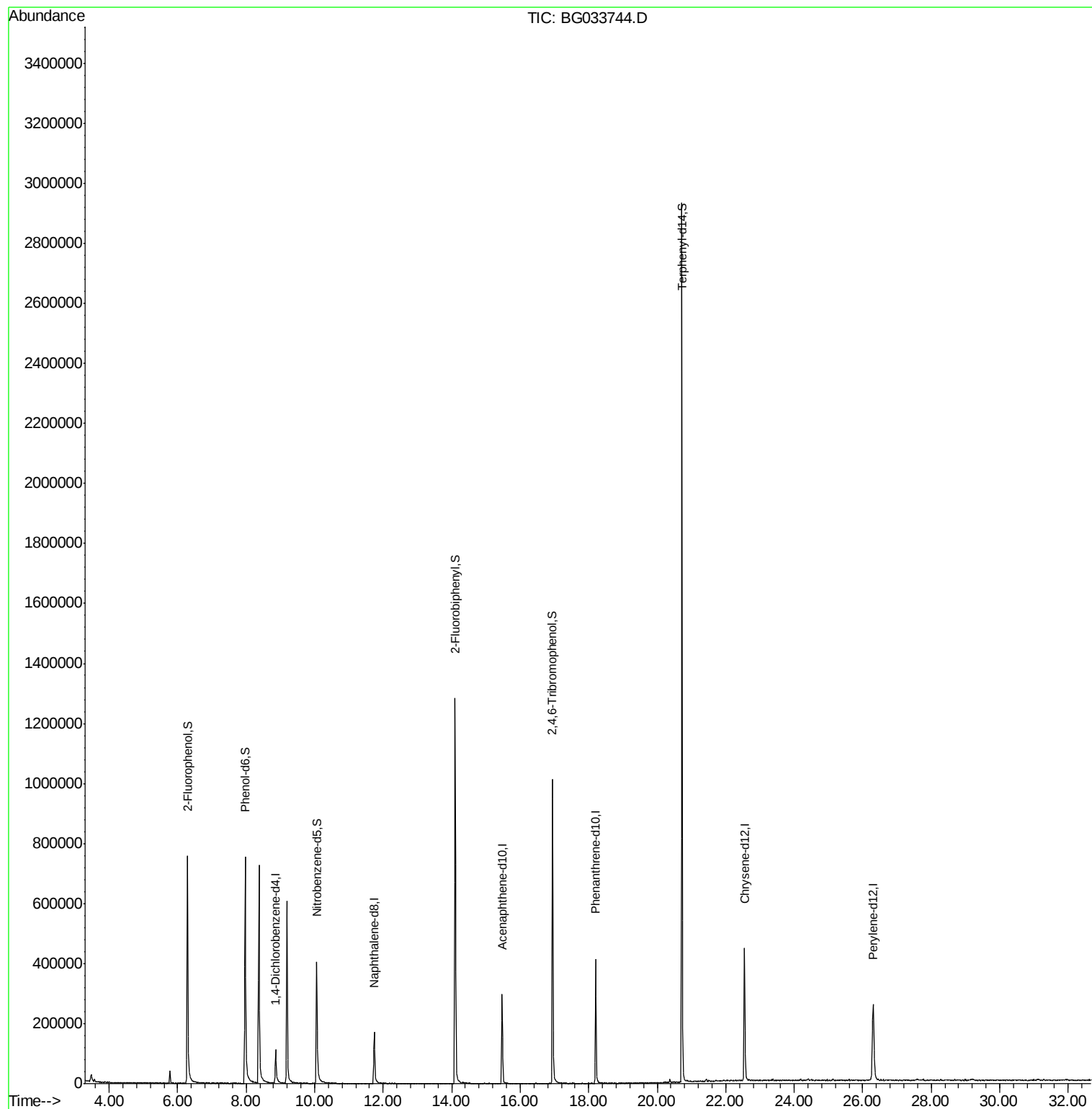
Target Compounds Qvalue

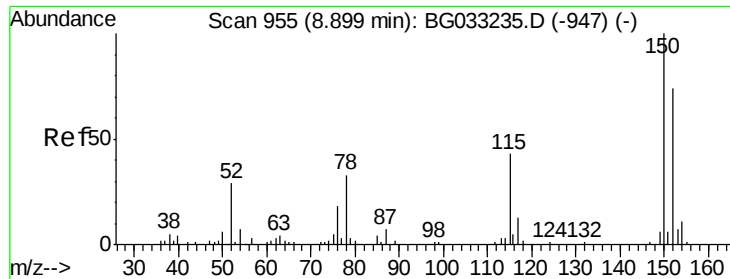
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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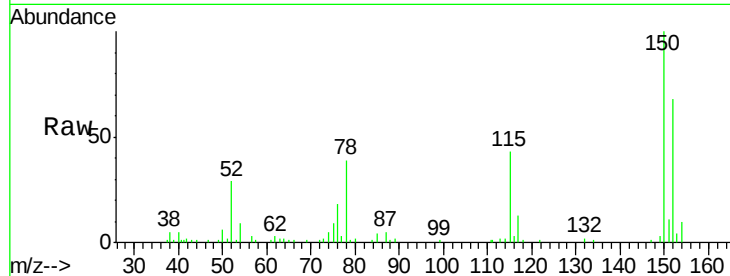


#1

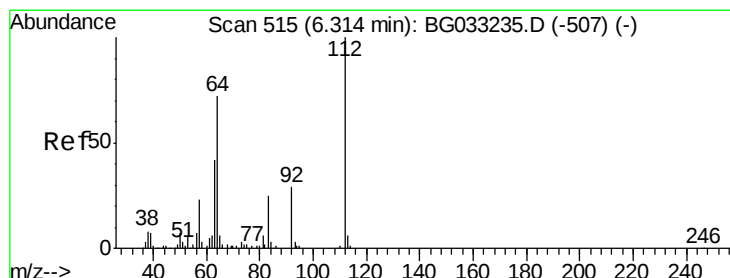
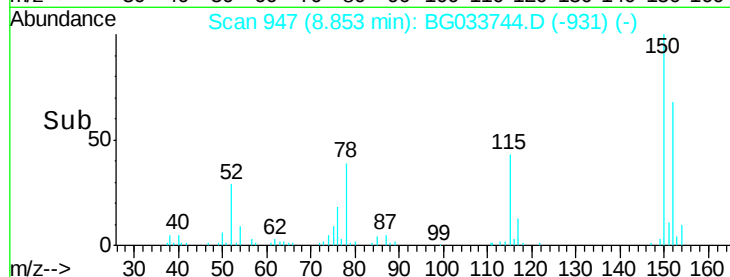
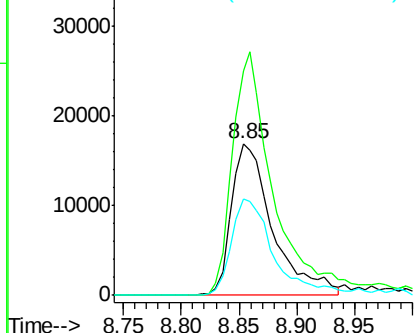
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.85 min Scan# 947
 Delta R.T. -0.00 min
 Lab File: BG033744.D
 Acq: 11 Apr 2018 11:55

Instrument :
 BNA_G
 ClientSampleId :
 PB108084BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.7	126.6	189.8
115	63.7	53.0	79.4



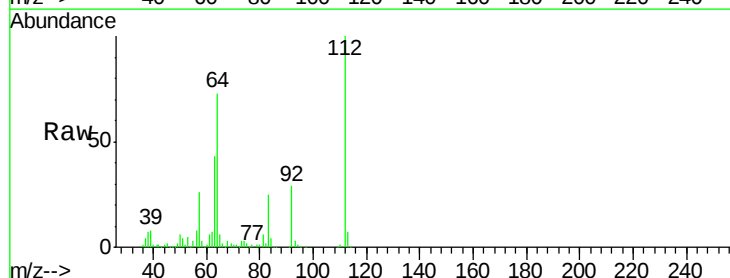
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



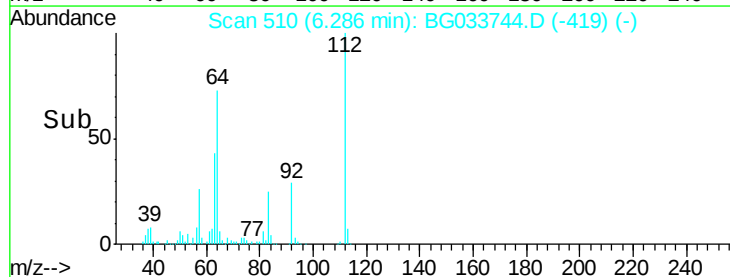
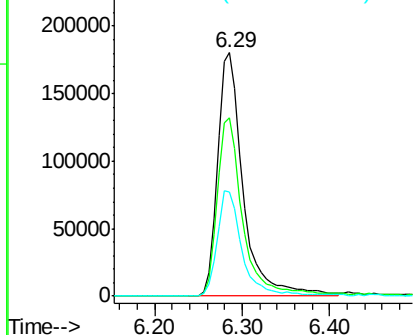
#5

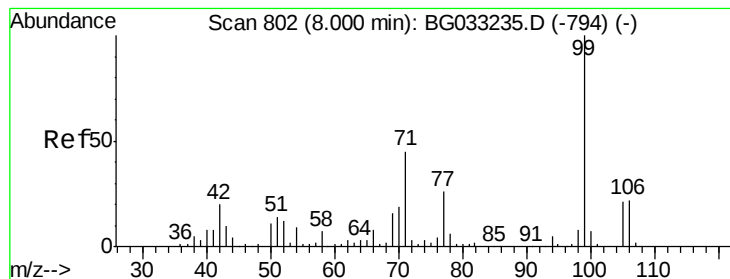
2-Fluorophenol
 Concen: 163.248 ng
 RT: 6.29 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: BG033744.D
 Acq: 11 Apr 2018 11:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.3	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): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 134.965 ng

RT: 7.97 min Scan# 796

Delta R.T. -0.00 min

Lab File: BG033744.D

Acq: 11 Apr 2018 11:55

Instrument :

BNA_G

ClientSampleId :

PB108084BL

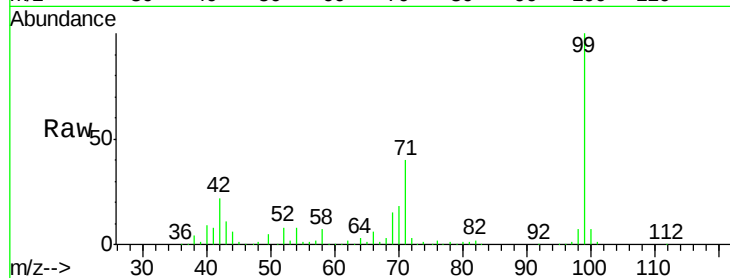
Tot Ion: 99 Resp: 519320

Ion Ratio Lower Upper

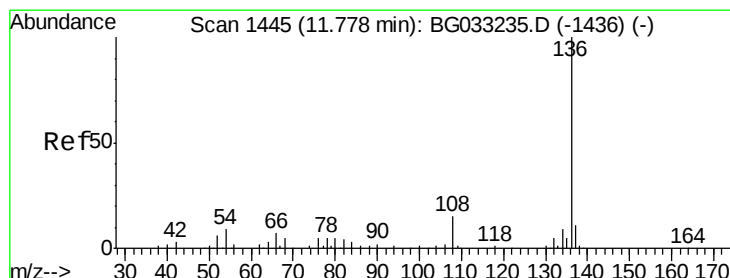
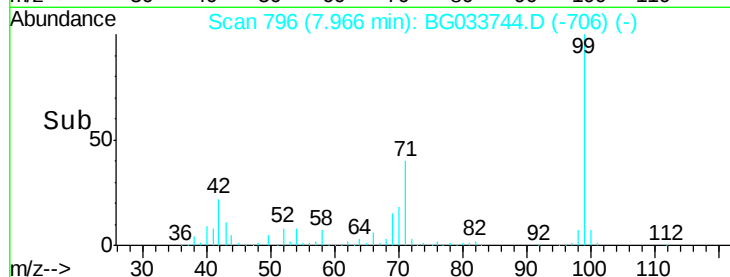
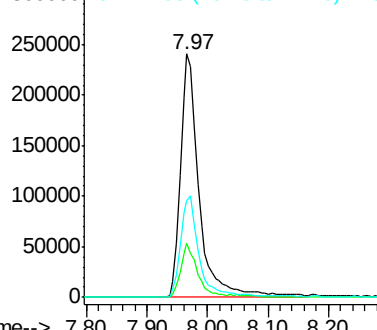
99 100

42 22.2 14.1 21.1#

71 39.8 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: BG033744.D

Acq: 11 Apr 2018 11:55

Tgt Ion: 136 Resp: 166651

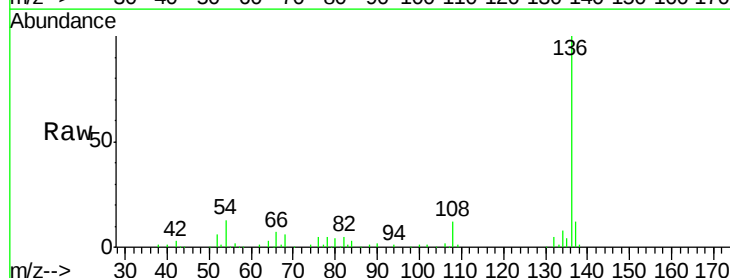
Ion Ratio Lower Upper

136 100

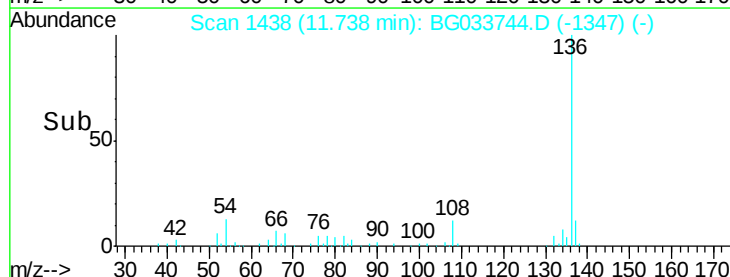
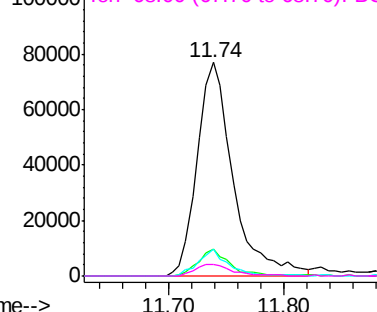
137 12.4 9.2 13.8

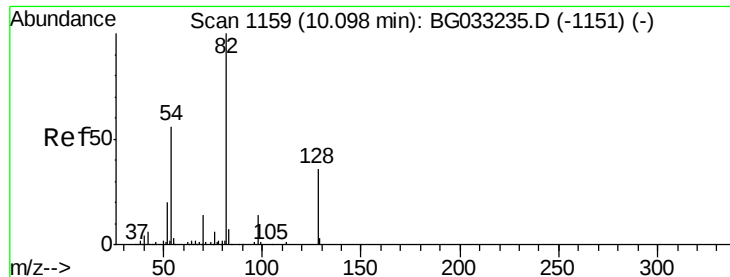
54 12.7 10.3 15.5

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: 91.113 ng

RT: 10.06 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BG033744.D

Acq: 11 Apr 2018 11:55

Instrument :

BNA_G

ClientSampleId :

PB108084BL

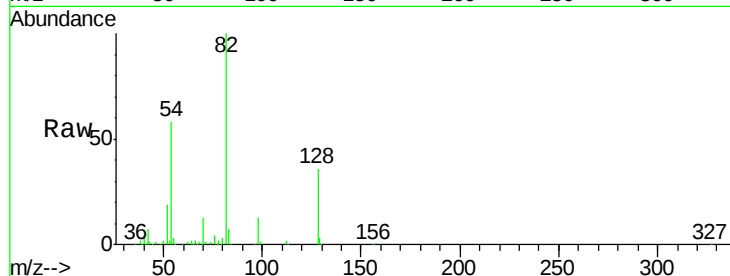
Tot Ion: 82 Resp: 330492

Ion Ratio Lower Upper

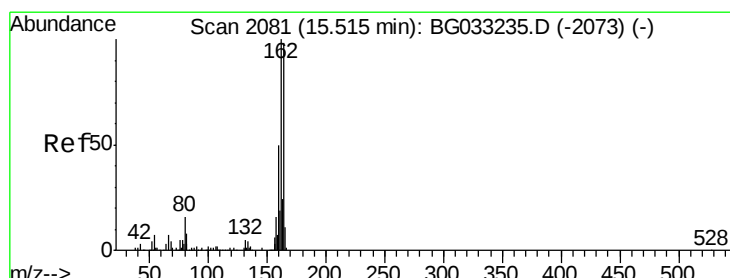
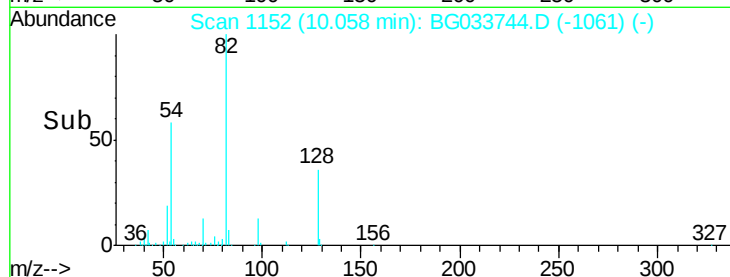
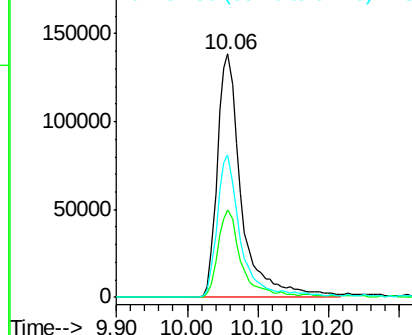
82 100

128 35.9 29.7 44.5

54 58.4 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: BG033744.D

Acq: 11 Apr 2018 11:55

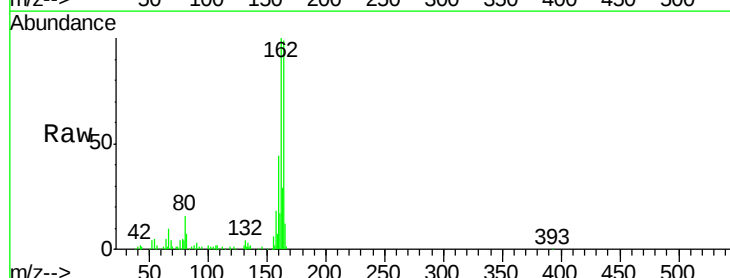
Tgt Ion: 164 Resp: 116029

Ion Ratio Lower Upper

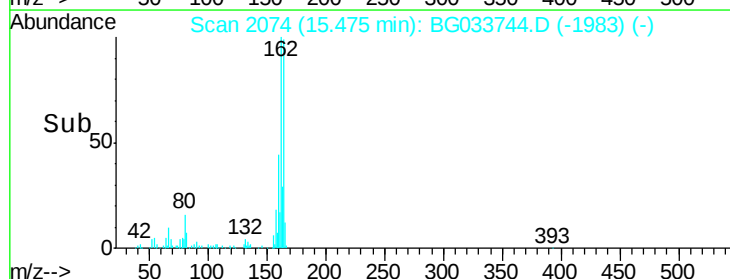
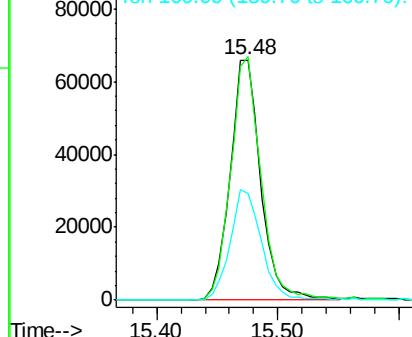
164 100

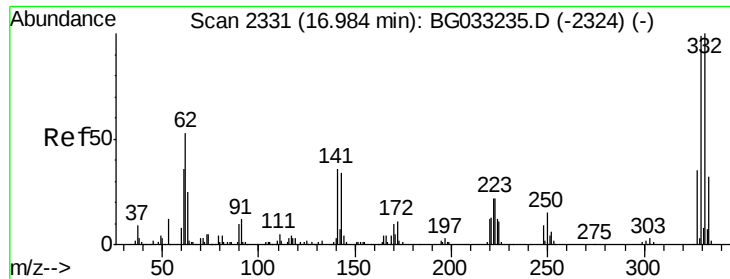
162 101.3 78.8 118.2

160 44.3 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

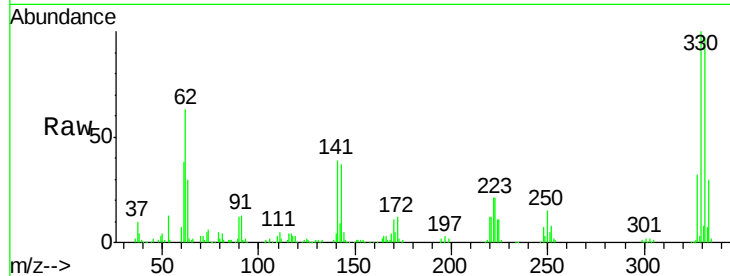




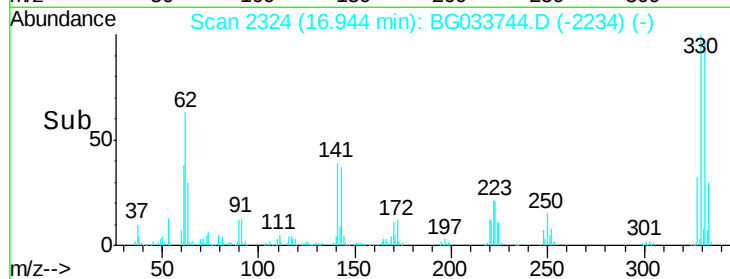
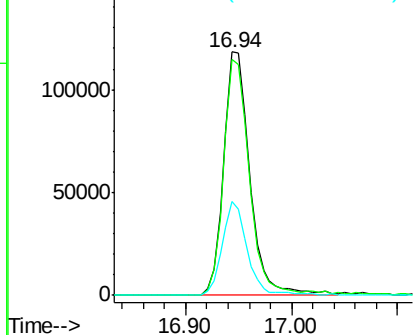
#41
 2,4,6-Tribromophenol
 Concen: 117.582 ng
 RT: 16.94 min Scan# 2324
 Delta R.T. -0.00 min
 Lab File: BG033744.D
 Acq: 11 Apr 2018 11:55

Instrument :
 BNA_G
 ClientSampleId :
 PB108084BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.0	115.6
141	36.6	25.2	37.8

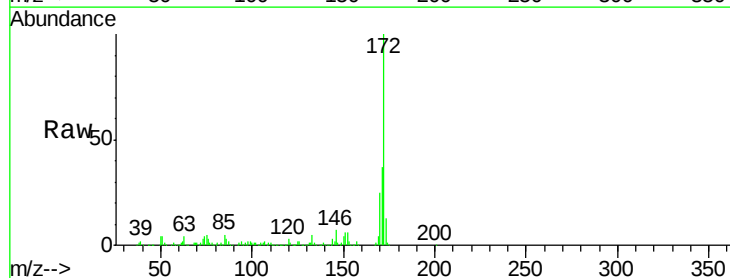


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

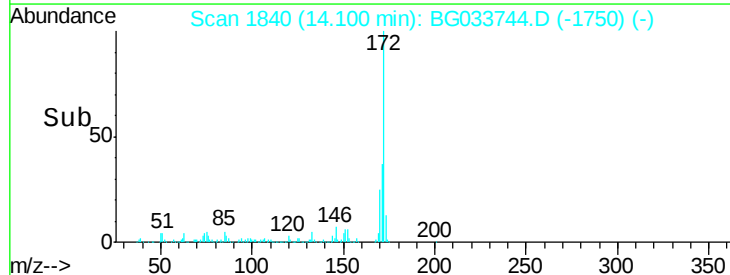
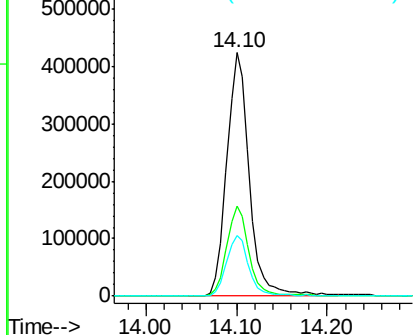


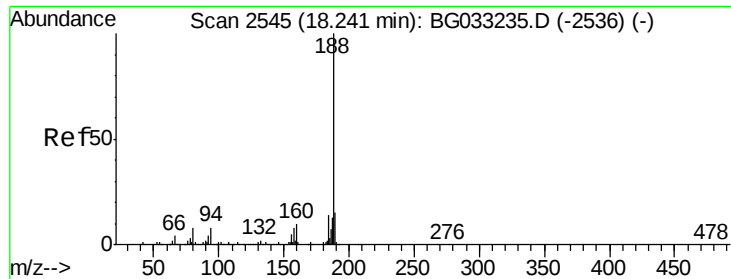
#44
 2-Fluorobiphenyl
 Concen: 91.145 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BG033744.D
 Acq: 11 Apr 2018 11:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.0	45.0
170	24.6	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

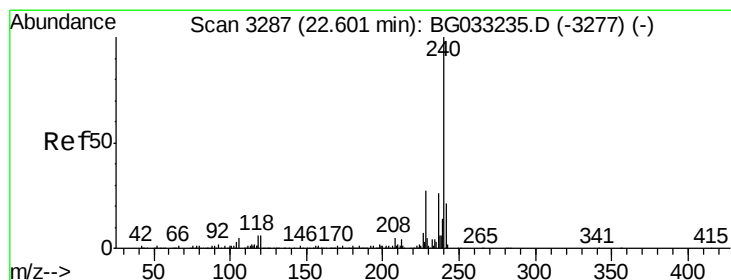
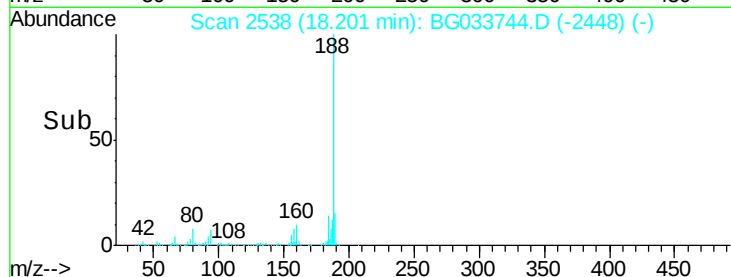
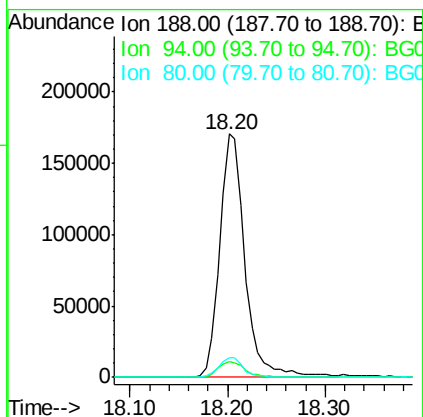
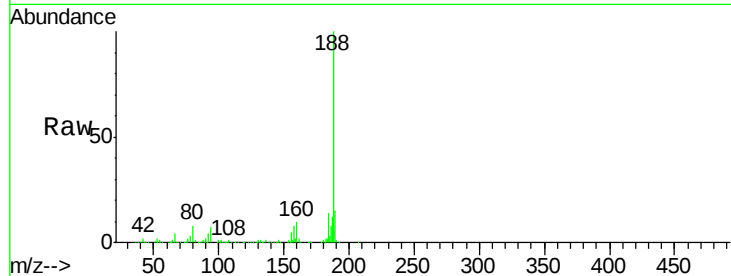




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.20 min Scan# 2538
Delta R.T. -0.00 min
Lab File: BG033744.D
Acq: 11 Apr 2018 11:55

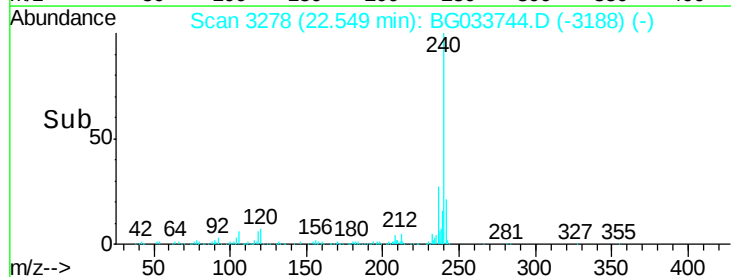
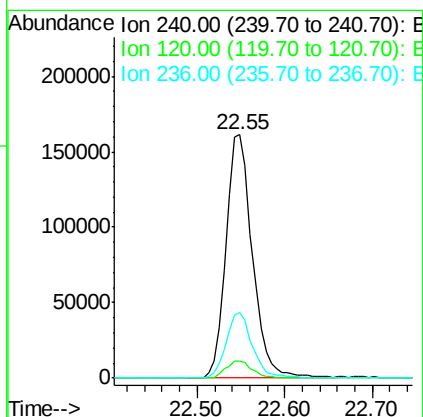
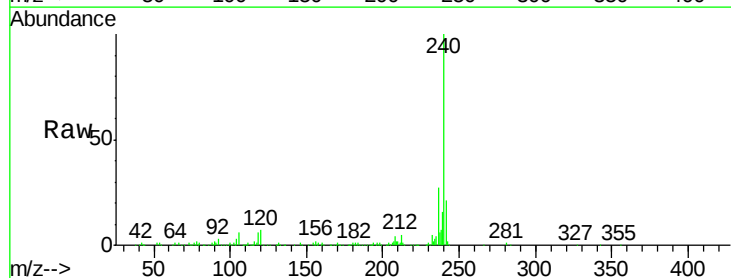
Instrument :
BNA_G
ClientSampleId :
PB108084BL

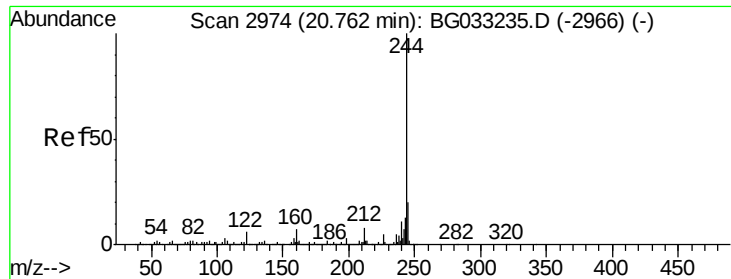
Tot Ion:188 Resp: 304940
Ion Ratio Lower Upper
188 100
94 6.6 6.9 10.3#
80 8.2 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.00 min
Lab File: BG033744.D
Acq: 11 Apr 2018 11:55

Tgt Ion:240 Resp: 333749
Ion Ratio Lower Upper
240 100
120 6.9 6.8 10.2
236 27.0 20.9 31.3





#78

Terphenyl-d14

Concen: 89.204 ng

RT: 20.72 min Scan# 2967

Delta R.T. -0.00 min

Lab File: BG033744.D

Acq: 11 Apr 2018 11:55

Instrument :

BNA_G

ClientSampleId :

PB108084BL

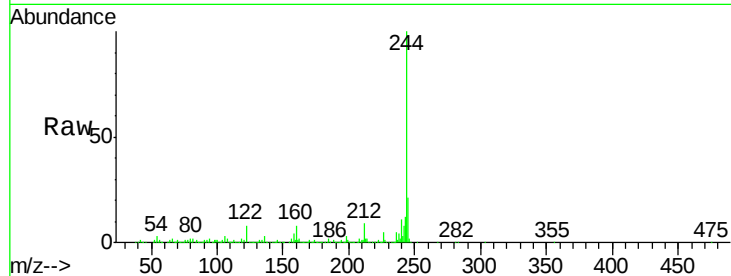
Tot Ion:244 Resp: 1392106

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

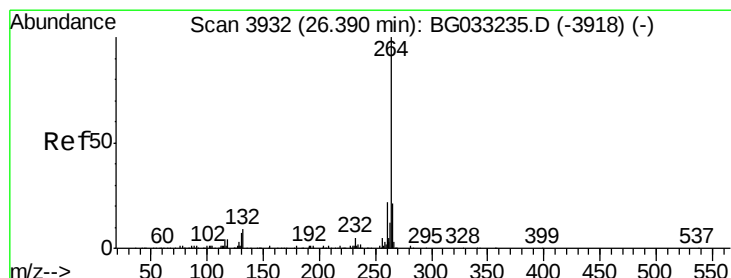
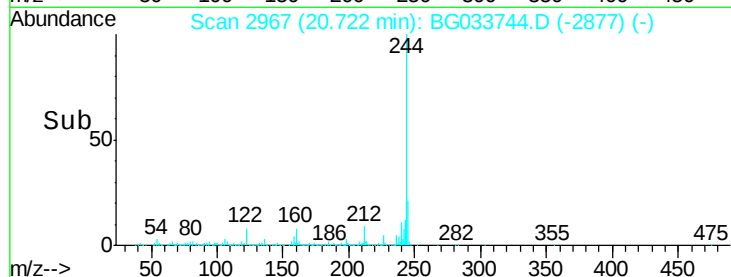
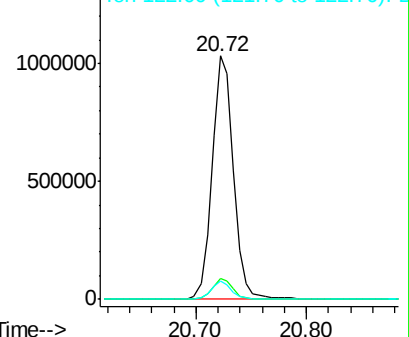
122 7.5 7.0 10.4



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: 26.30 min Scan# 3917

Delta R.T. -0.00 min

Lab File: BG033744.D

Acq: 11 Apr 2018 11:55

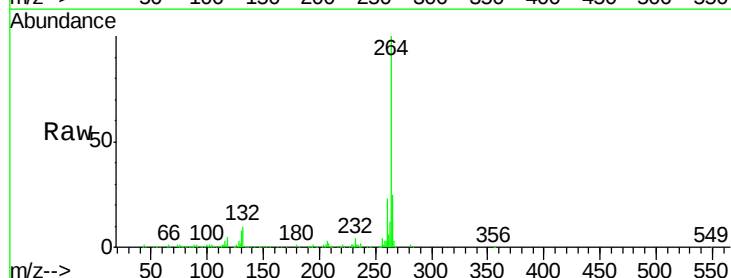
Tgt Ion:264 Resp: 356982

Ion Ratio Lower Upper

264 100

260 23.3 17.4 26.0

265 24.9 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

