

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
 Data File : BG033727.D
 Acq On : 10 Apr 2018 23:40
 Operator : SJ/JU
 Sample : PB108122BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB108122BL

Quant Time: Apr 11 04:02:59 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	8.86	152	33325	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	136978	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	98934	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	297923	20.00	ng	0.00
75) Chrysene-d12	22.55	240	330371	20.00	ng	0.00
86) Perylene-d12	26.30	264	358308	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	282836	159.15	ng	0.00
7) Phenol-d6	7.96	99	392152	128.42	ng	0.00
23) Nitrobenzene-d5	10.06	82	249141	83.56	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	188734	127.55	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	592199	86.41	ng	0.00
78) Terphenyl-d14	20.73	244	1347615	87.24	ng	0.00

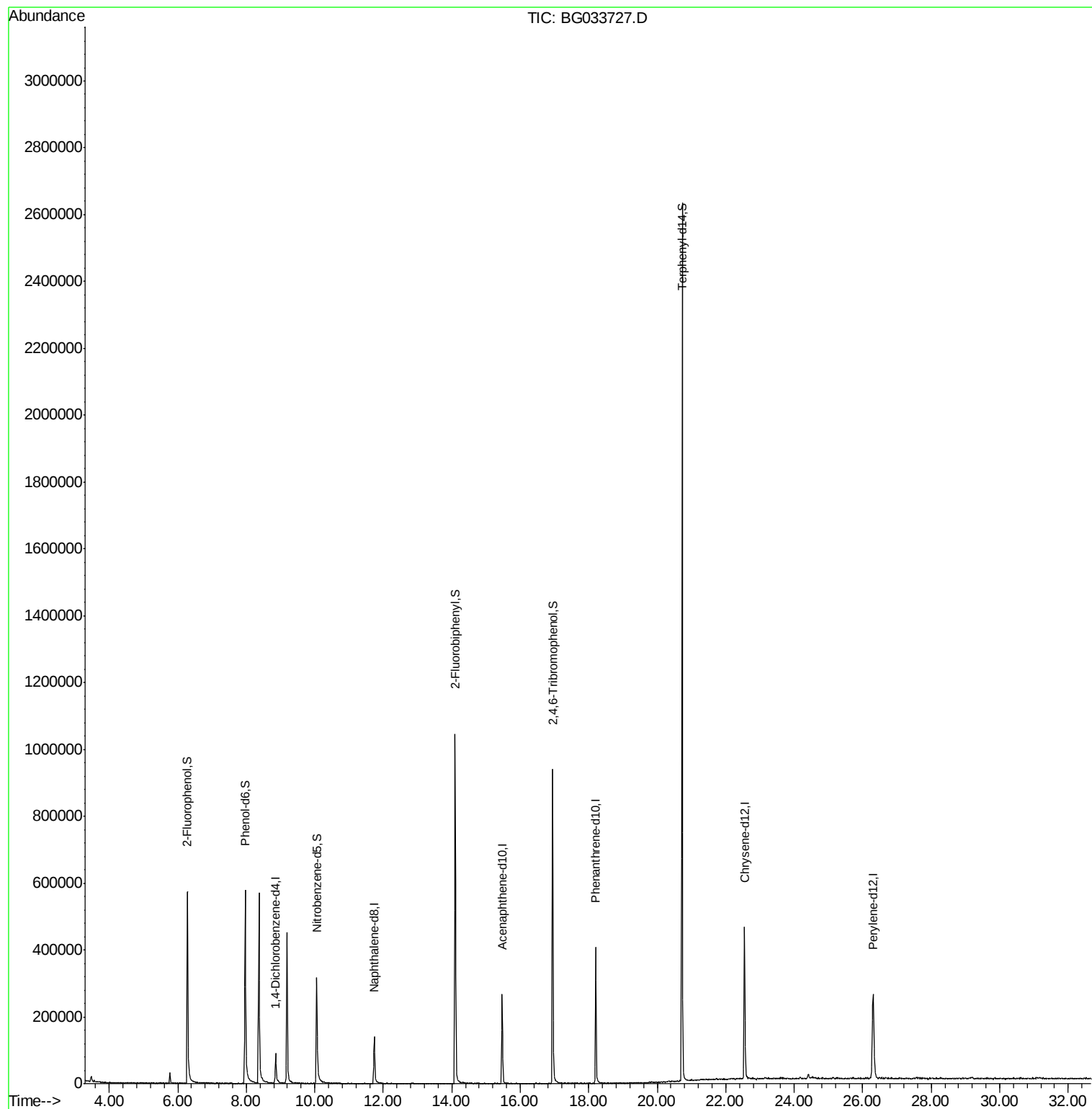
Target Compounds Qvalue

(#) = 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: BG033727.D

Acq: 10 Apr 2018 23:40

Instrument :

BNA_G

ClientSampleId :

PB108122BL

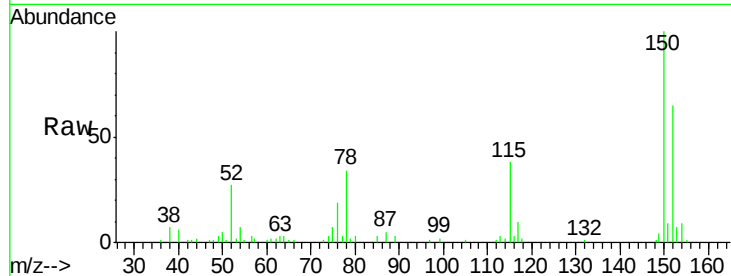
Tot Ion:152 Resp: 33325

Ion Ratio Lower Upper

152 100

150 154.6 126.6 189.8

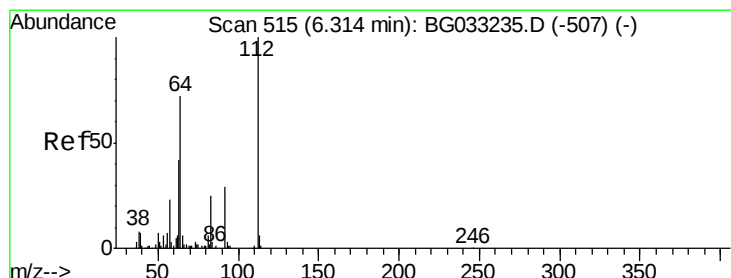
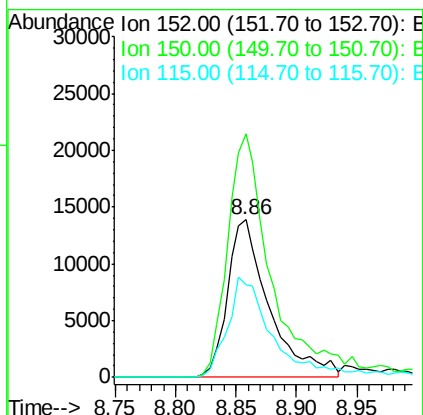
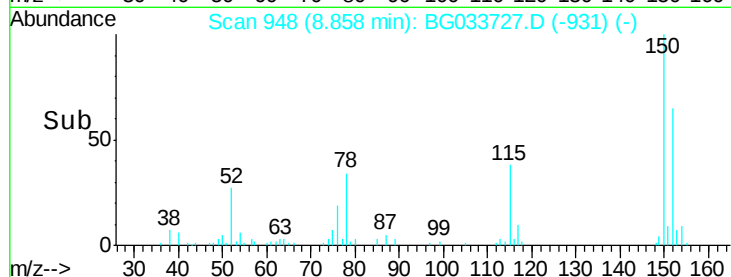
115 59.0 53.0 79.4



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: 159.145 ng

RT: 6.28 min Scan# 510

Delta R.T. 0.00 min

Lab File: BG033727.D

Acq: 10 Apr 2018 23:40

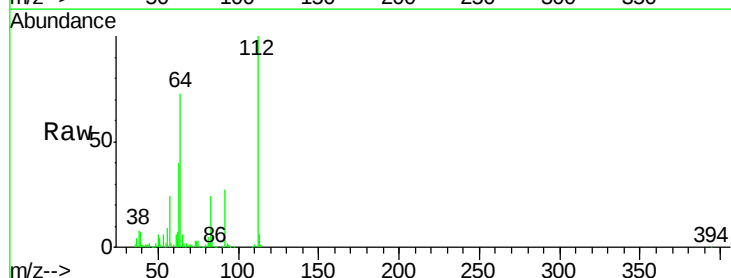
Tgt Ion:112 Resp: 282836

Ion Ratio Lower Upper

112 100

64 72.7 56.3 84.5

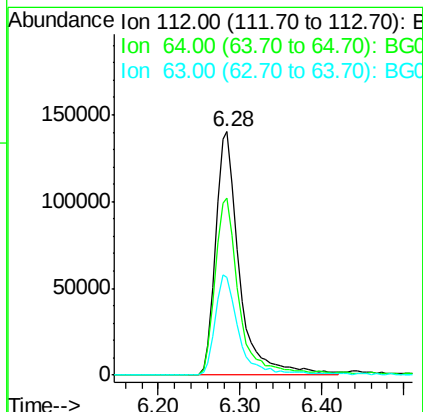
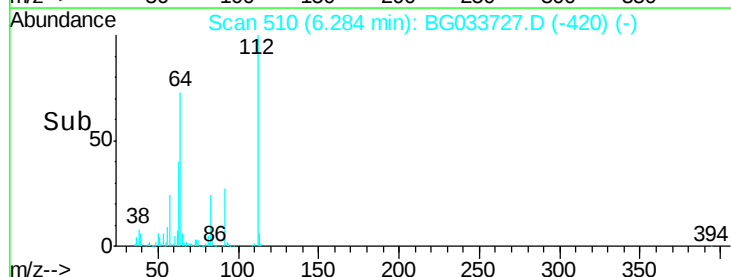
63 39.9 30.1 45.1

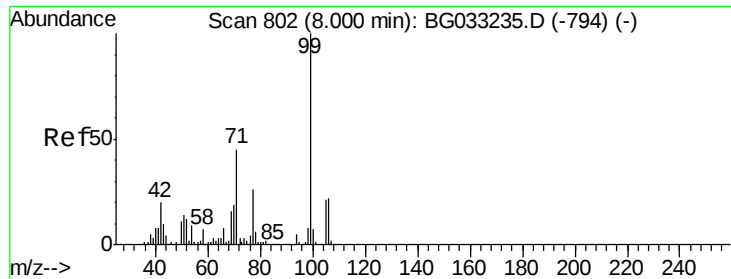


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 128.422 ng

RT: 7.96 min Scan# 796

Delta R.T. -0.01 min

Lab File: BG033727.D

Acq: 10 Apr 2018 23:40

Instrument :

BNA_G

ClientSampleId :

PB108122BL

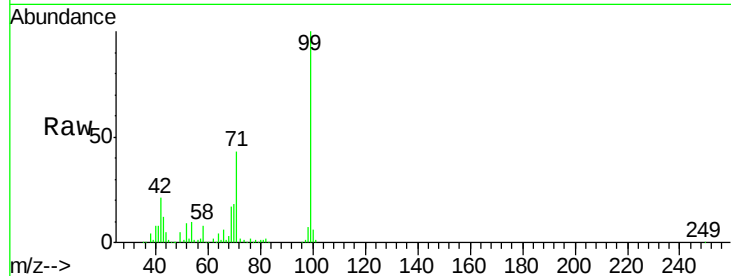
Tot Ion: 99 Resp: 392152

Ion Ratio Lower Upper

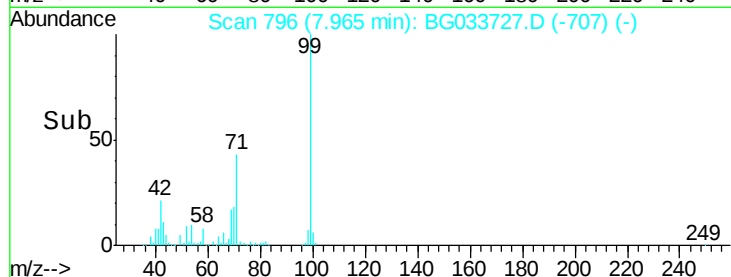
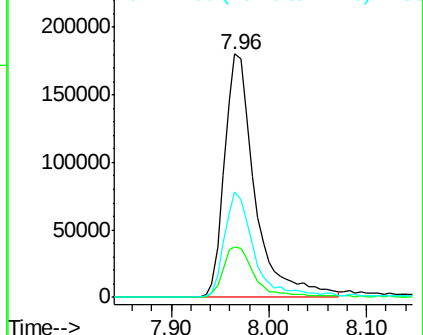
99 100

42 20.9 14.1 21.1

71 43.4 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: 11.74 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BG033727.D

Acq: 10 Apr 2018 23:40

Tgt Ion: 136 Resp: 136978

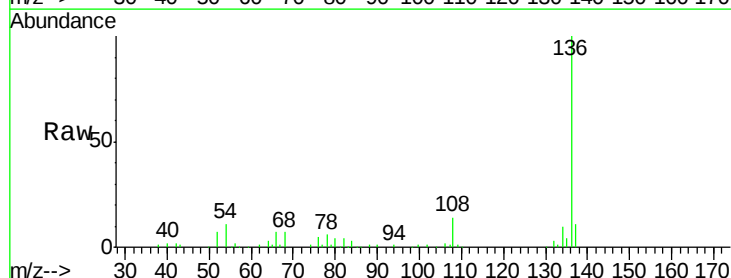
Ion Ratio Lower Upper

136 100

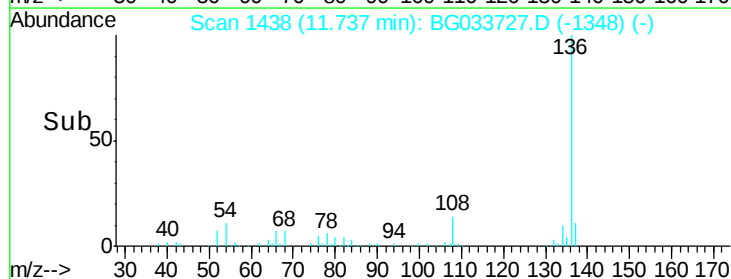
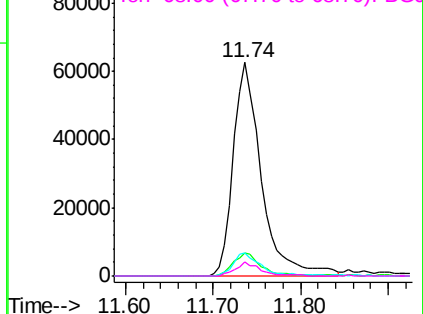
137 11.0 9.2 13.8

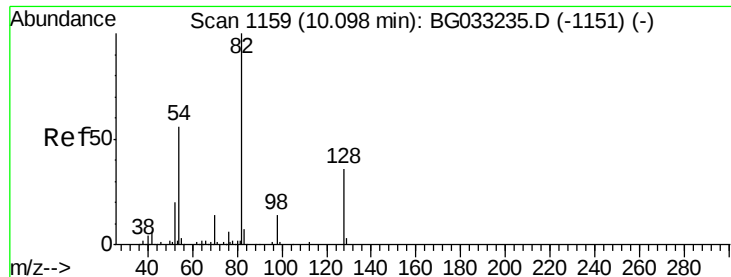
54 10.8 10.3 15.5

68 6.9 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: 83.565 ng

RT: 10.06 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BG033727.D

Acq: 10 Apr 2018 23:40

Instrument :

BNA_G

ClientSampleId :

PB108122BL

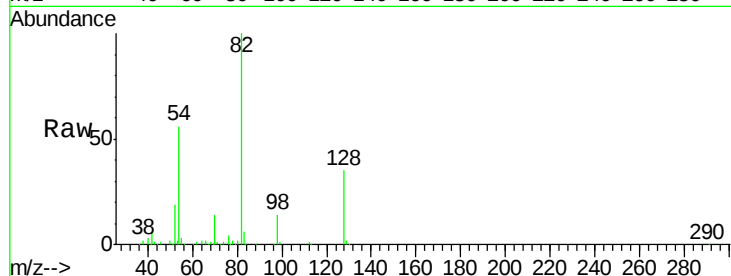
Tot Ion: 82 Resp: 249141

Ion Ratio Lower Upper

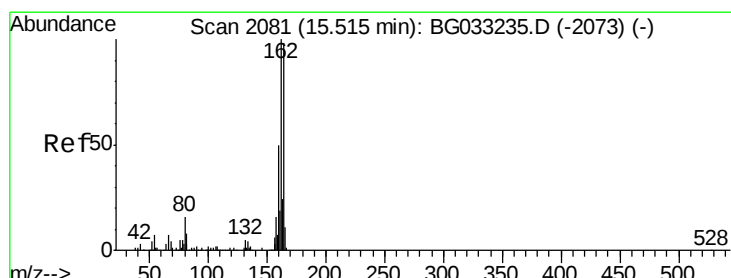
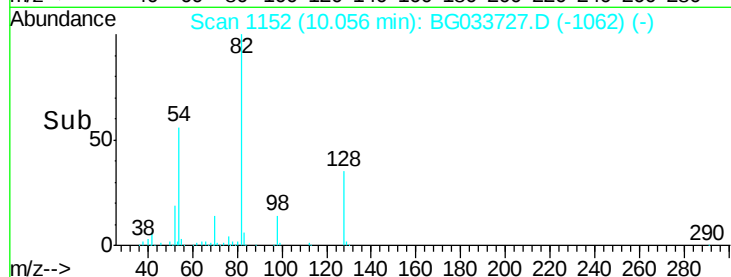
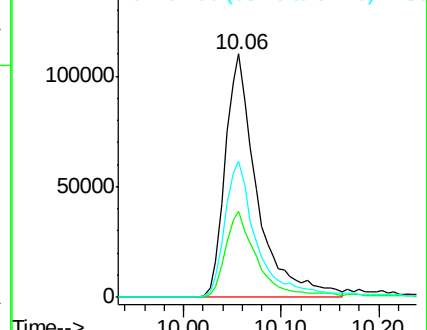
82 100

128 35.4 29.7 44.5

54 55.9 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: 15.47 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BG033727.D

Acq: 10 Apr 2018 23:40

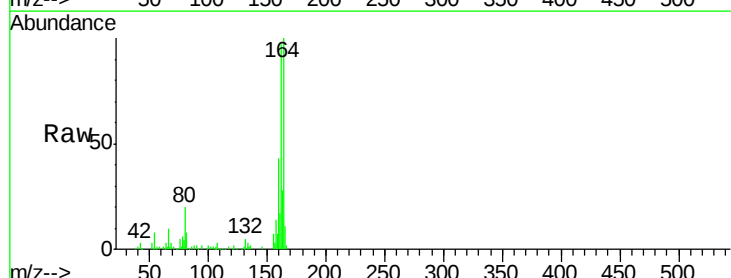
Tgt Ion: 164 Resp: 98934

Ion Ratio Lower Upper

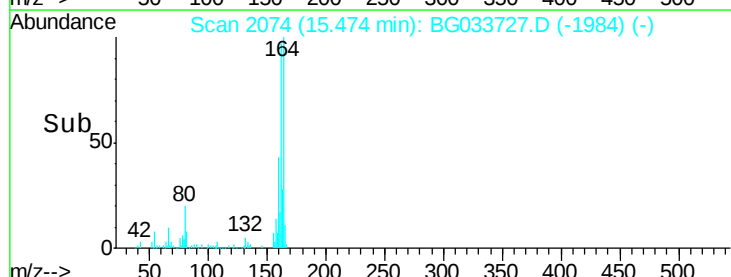
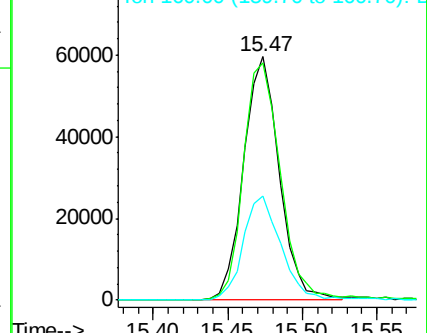
164 100

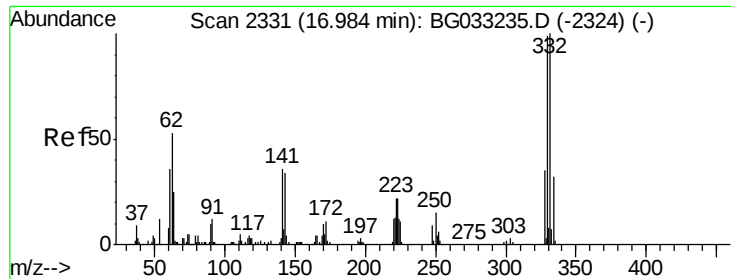
162 97.5 78.8 118.2

160 42.8 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

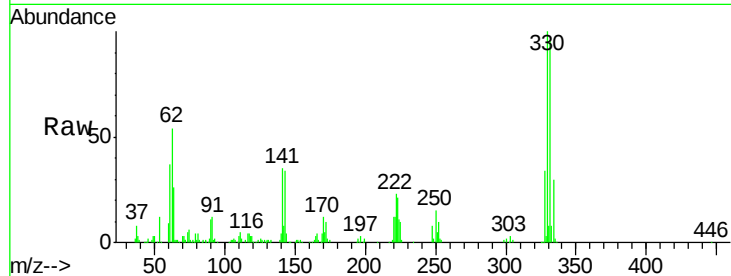




#41
 2,4,6-Tribromophenol
 Concen: 127.551 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. 0.00 min
 Lab File: BG033727.D
 Acq: 10 Apr 2018 23:40

Instrument :
 BNA_G
 ClientSampled :
 PB108122BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.0	115.6
141	37.8	25.2	37.8#

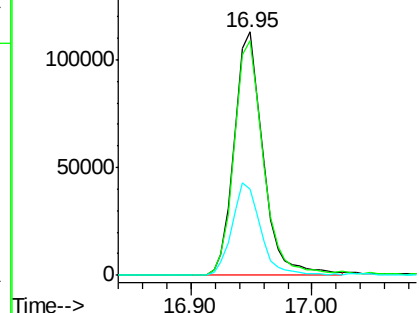
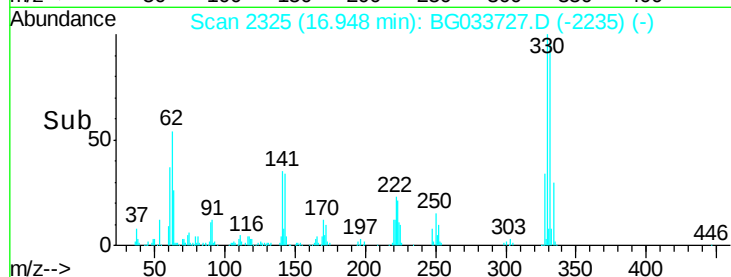


Abundance

Ion 329.80 (329.50 to 330.50): E

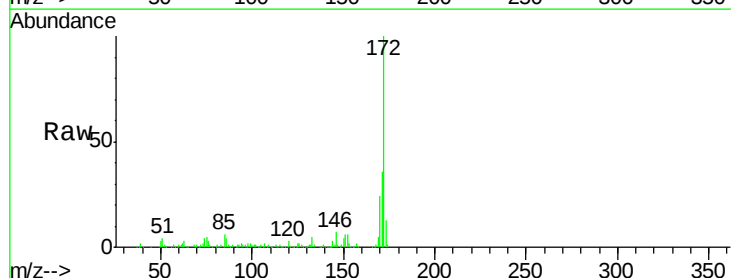
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 86.413 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BG033727.D
 Acq: 10 Apr 2018 23:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.0	45.0
170	23.8	19.5	29.3

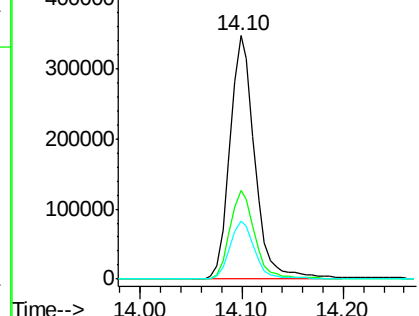
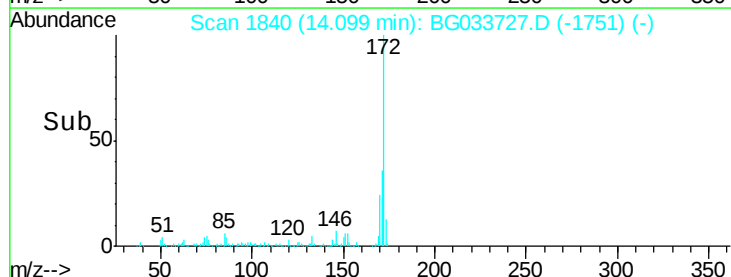


Abundance

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

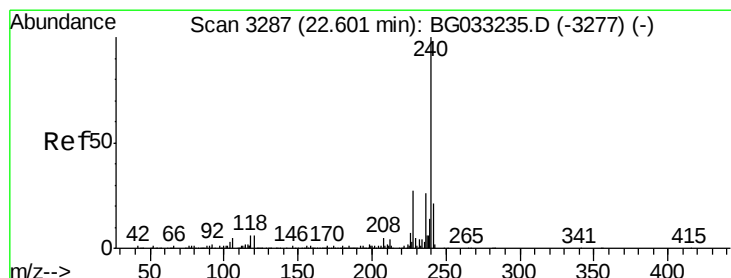
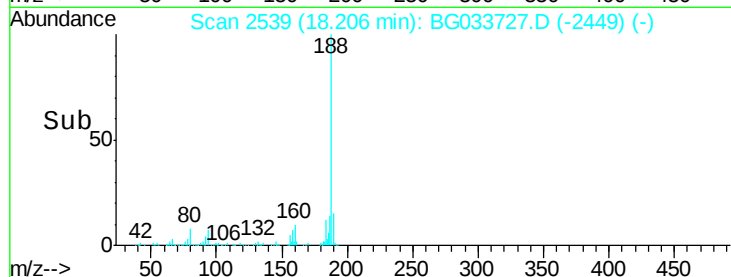
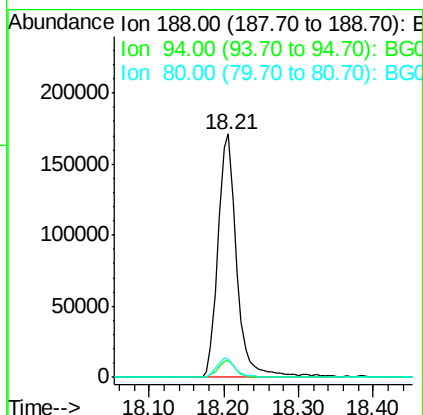
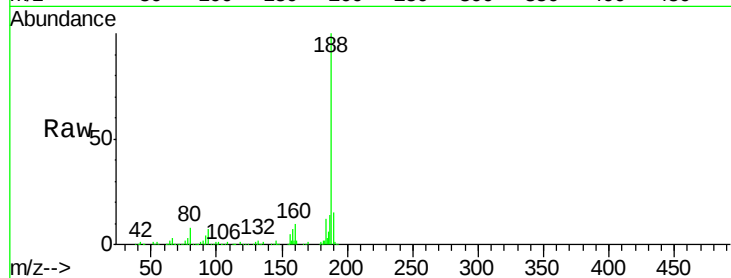




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. 0.00 min
Lab File: BG033727.D
Acq: 10 Apr 2018 23:40

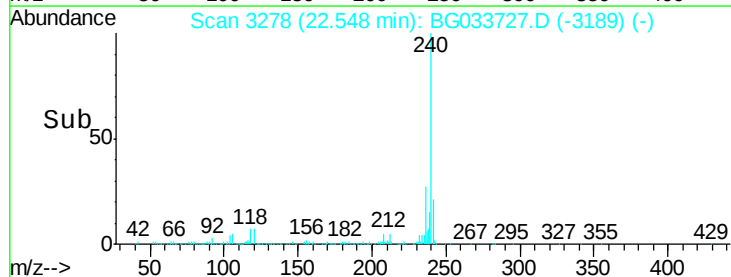
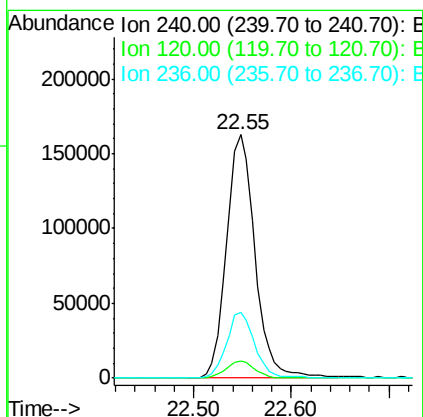
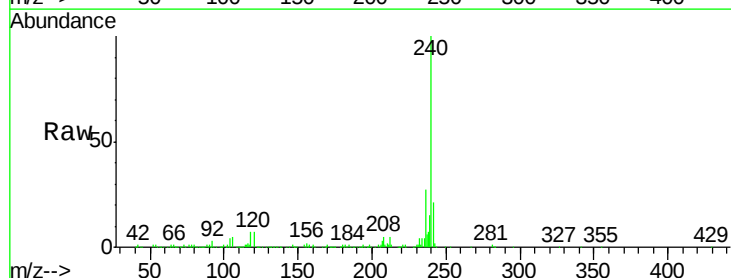
Instrument :
BNA_G
ClientSampleId :
PB108122BL

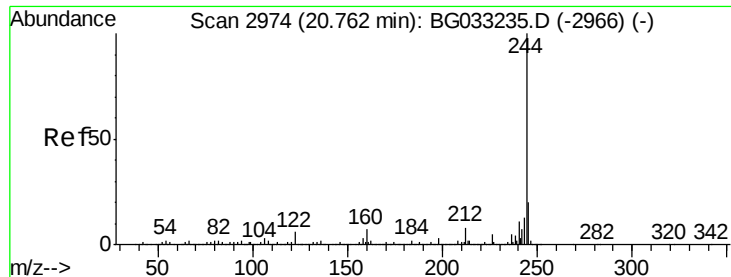
Tot Ion:188 Resp: 297923
Ion Ratio Lower Upper
188 100
94 6.8 6.9 10.3#
80 7.6 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.01 min
Lab File: BG033727.D
Acq: 10 Apr 2018 23:40

Tgt Ion:240 Resp: 330371
Ion Ratio Lower Upper
240 100
120 7.1 6.8 10.2
236 26.9 20.9 31.3





#78

Terphenyl-d14

Concen: 87.236 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033727.D

Acq: 10 Apr 2018 23:40

Instrument :

BNA_G

ClientSampleId :

PB108122BL

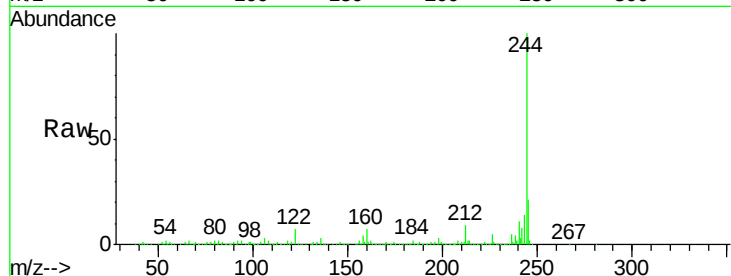
Tot Ion:244 Resp: 1347615

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

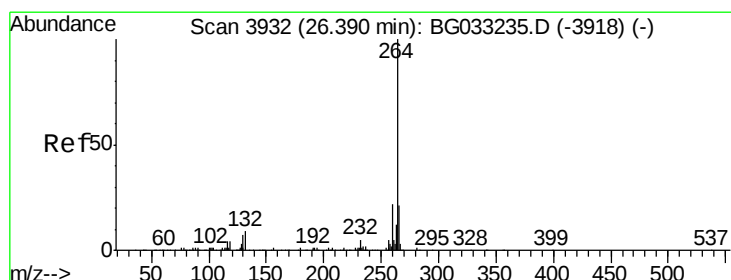
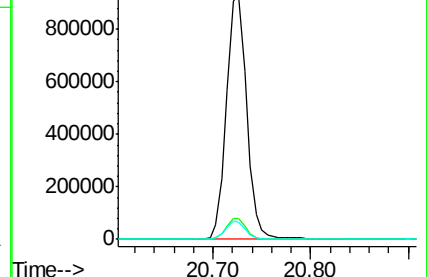
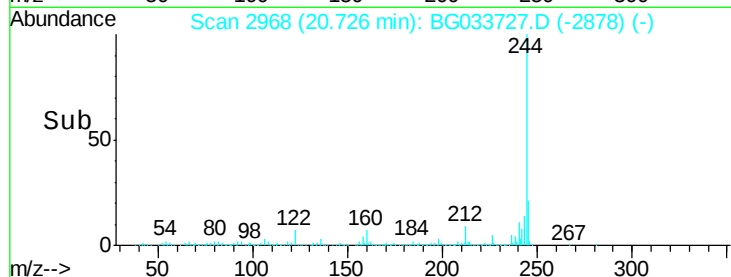
122 6.9 7.0 10.4#



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. -0.01 min

Lab File: BG033727.D

Acq: 10 Apr 2018 23:40

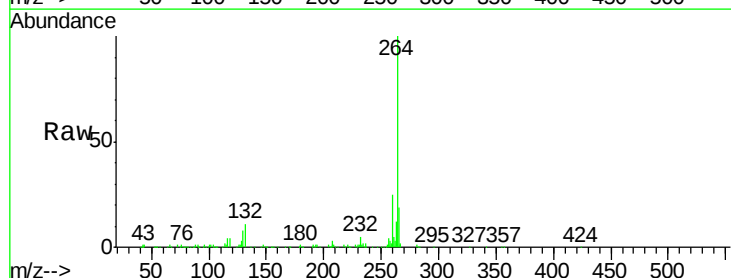
Tgt Ion:264 Resp: 358308

Ion Ratio Lower Upper

264 100

260 24.6 17.4 26.0

265 19.4 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

