

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
 Data File : BG033742.D
 Acq On : 11 Apr 2018 10:40
 Operator : SJ/JU
 Sample : PB108130TB
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB108130TB

Quant Time: Apr 11 12:04:01 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	40438	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	161577	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	109515	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	288479	20.00	ng	0.00
75) Chrysene-d12	22.55	240	322682	20.00	ng	0.00
86) Perylene-d12	26.30	264	339806	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	359678	166.78	ng	0.00
7) Phenol-d6	7.96	99	496715	134.05	ng	0.00
23) Nitrobenzene-d5	10.06	82	320131	91.03	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	194134	118.52	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	714548	94.19	ng	0.00
78) Terphenyl-d14	20.72	244	1394754	92.44	ng	0.00

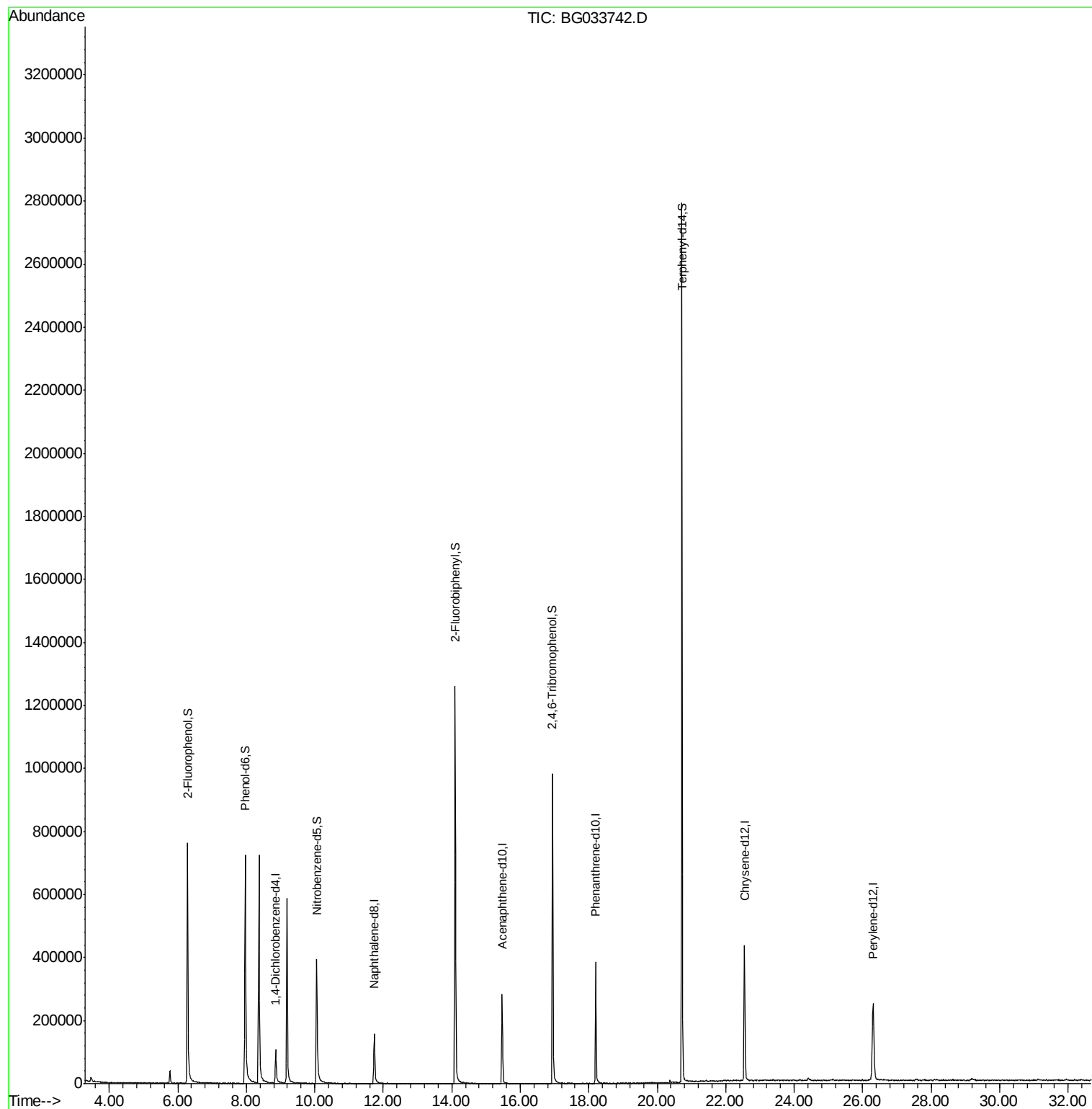
Target Compounds Qvalue

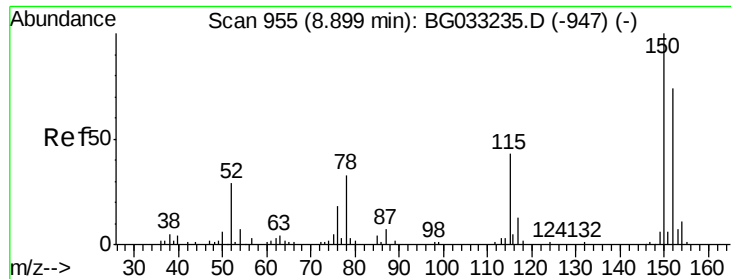
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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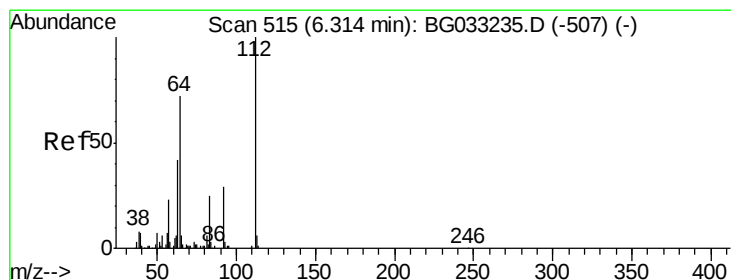
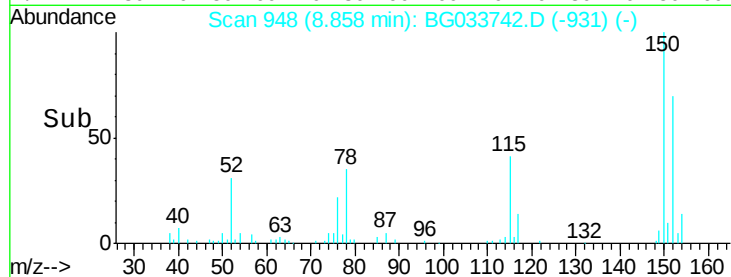
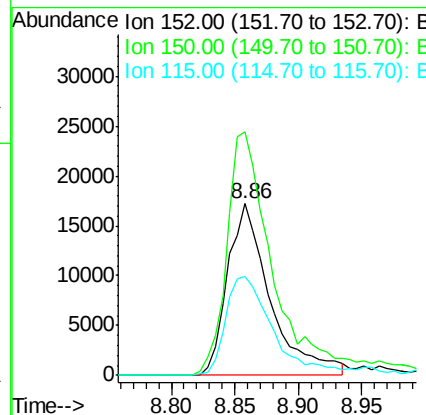
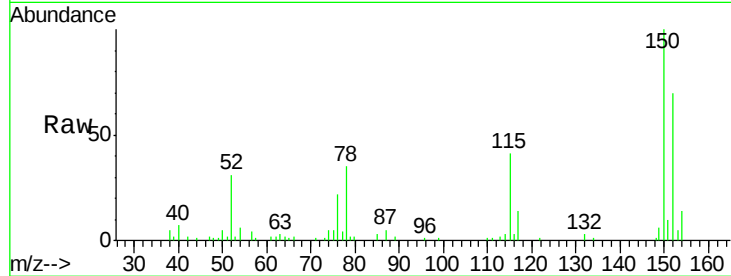


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG033742.D
Acq: 11 Apr 2018 10:40

Instrument :
BNA_G
ClientSampleId :
PB108130TB

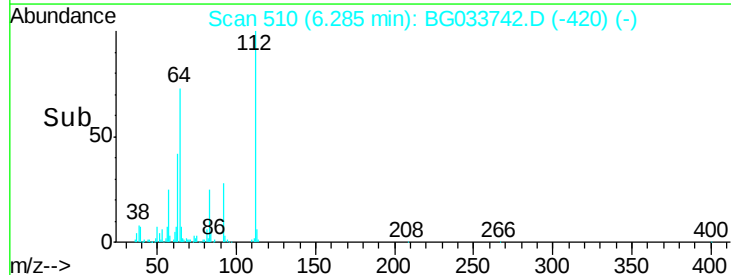
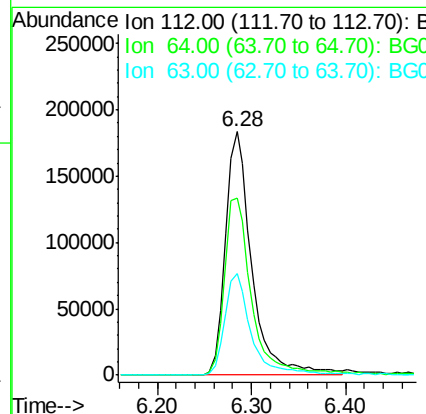
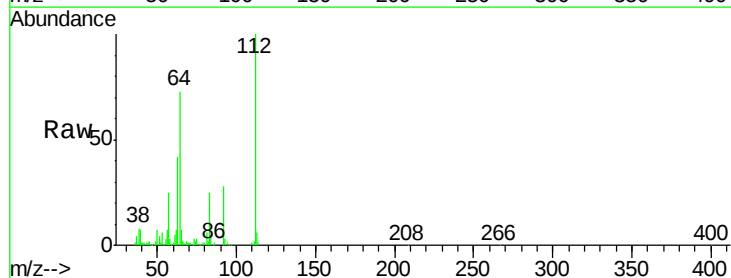
Tot Ion:152 Resp: 40438
Ion Ratio Lower Upper
152 100
150 141.9 126.6 189.8
115 57.6 53.0 79.4

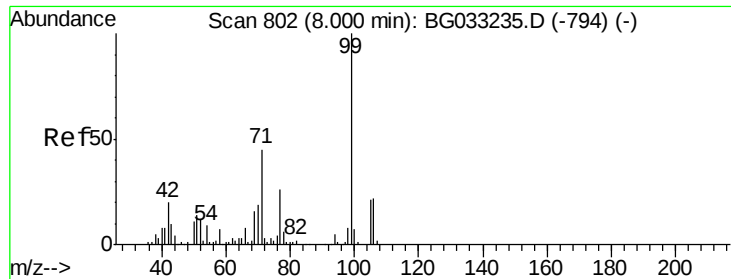


#5

2-Fluorophenol
Concen: 166.784 ng
RT: 6.28 min Scan# 510
Delta R.T. 0.00 min
Lab File: BG033742.D
Acq: 11 Apr 2018 10:40

Tgt Ion:112 Resp: 359678
Ion Ratio Lower Upper
112 100
64 72.6 56.3 84.5
63 41.8 30.1 45.1





#7

Phenol-d6

Concen: 134.051 ng

RT: 7.96 min Scan# 796

Delta R.T. -0.01 min

Lab File: BG033742.D

Acq: 11 Apr 2018 10:40

Instrument :

BNA_G

ClientSampleId :

PB108130TB

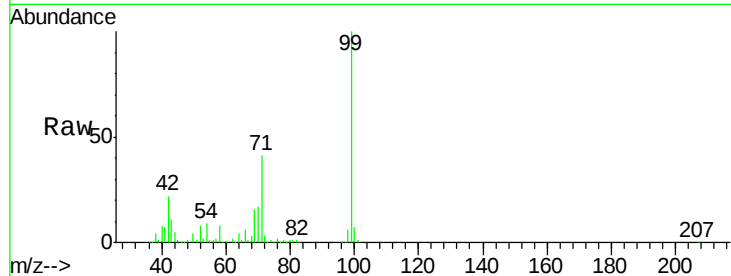
Tot Ion: 99 Resp: 496715

Ion Ratio Lower Upper

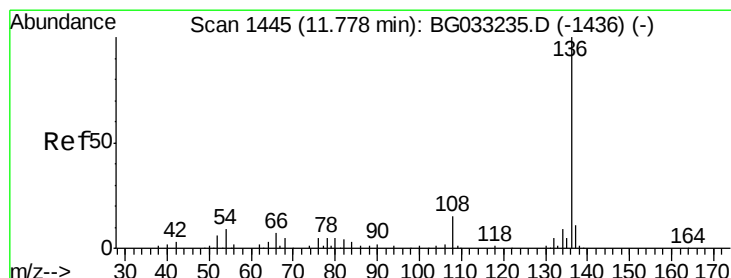
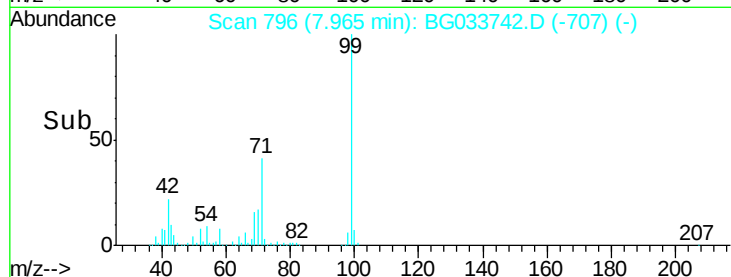
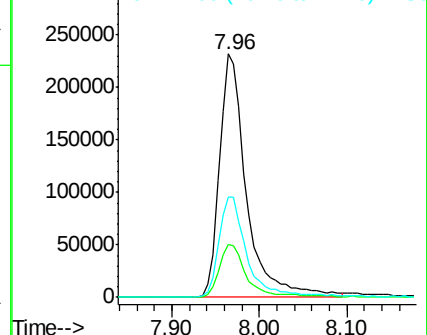
99 100

42 21.6 14.1 21.1#

71 41.2 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: BG033742.D

Acq: 11 Apr 2018 10:40

Tgt Ion: 136 Resp: 161577

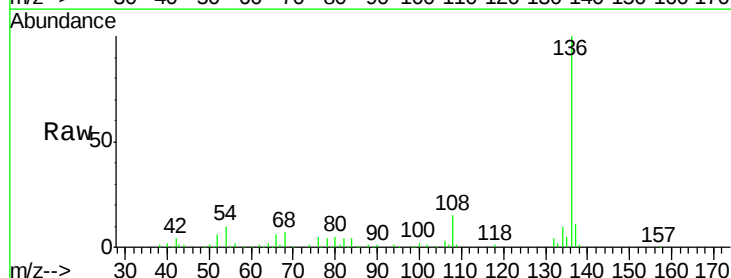
Ion Ratio Lower Upper

136 100

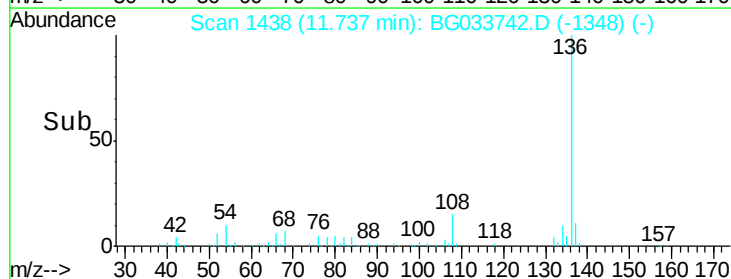
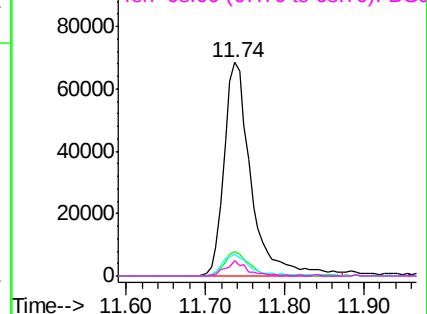
137 11.1 9.2 13.8

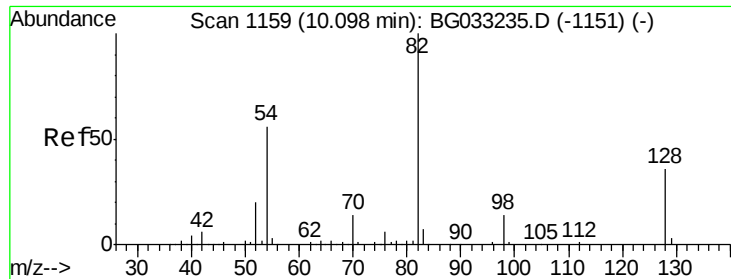
54 9.9 10.3 15.5#

68 7.0 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

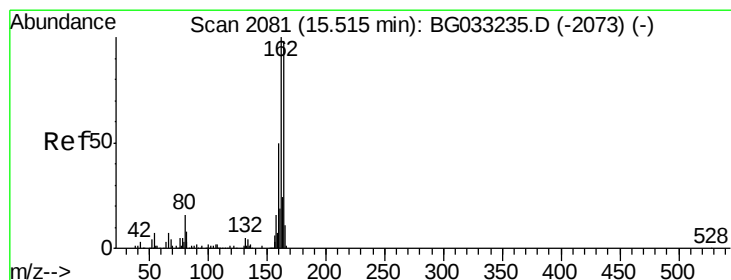
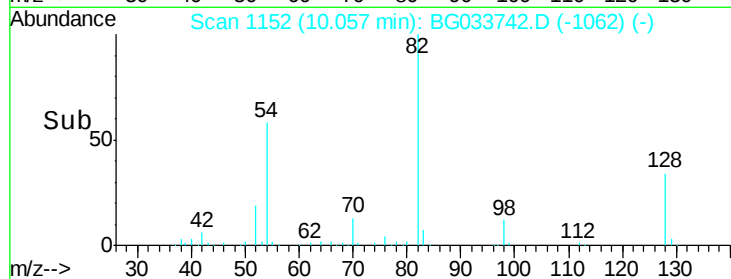
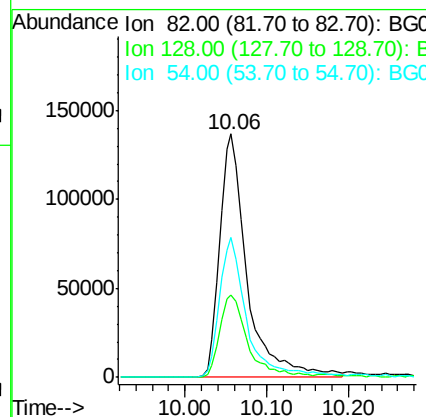
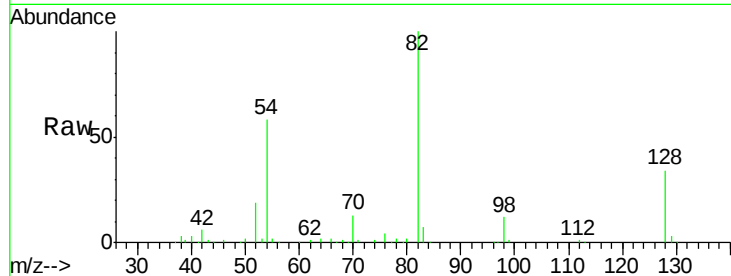




#23
 Nitrobenzene-d5
 Concen: 91.029 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BG033742.D
 Acq: 11 Apr 2018 10:40

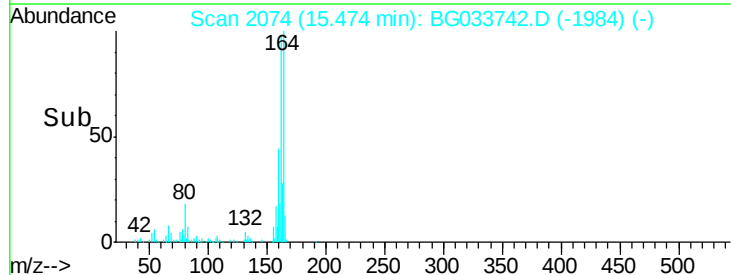
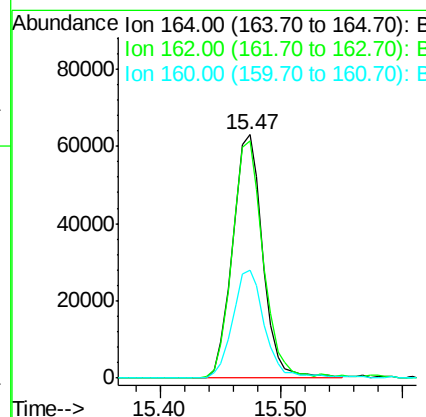
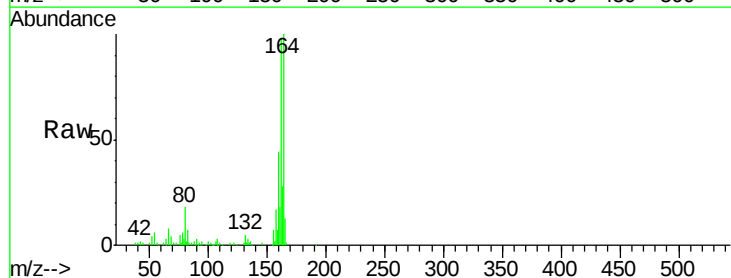
Instrument :
 BNA_G
 ClientSampleId :
 PB108130TB

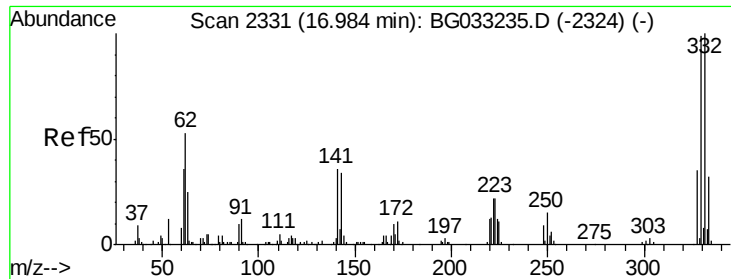
Tot Ion: 82 Resp: 320131
 Ion Ratio Lower Upper
 82 100
 128 34.0 29.7 44.5
 54 57.5 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. 0.00 min
 Lab File: BG033742.D
 Acq: 11 Apr 2018 10:40

Tgt Ion:164 Resp: 109515
 Ion Ratio Lower Upper
 164 100
 162 97.6 78.8 118.2
 160 44.4 35.4 53.0

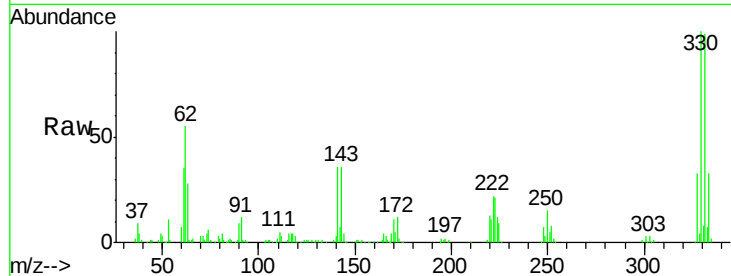




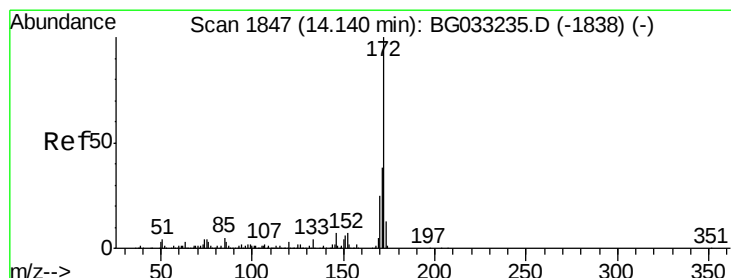
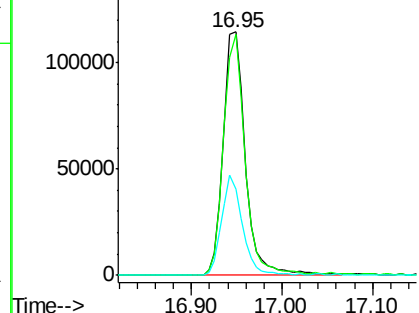
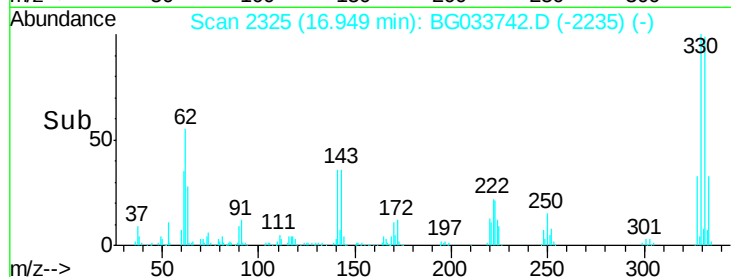
#41
 2,4,6-Tribromophenol
 Concen: 118.524 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. 0.00 min
 Lab File: BG033742.D
 Acq: 11 Apr 2018 10:40

Instrument :
 BNA_G
 ClientSampleId :
 PB108130TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	38.7	25.2	37.8#

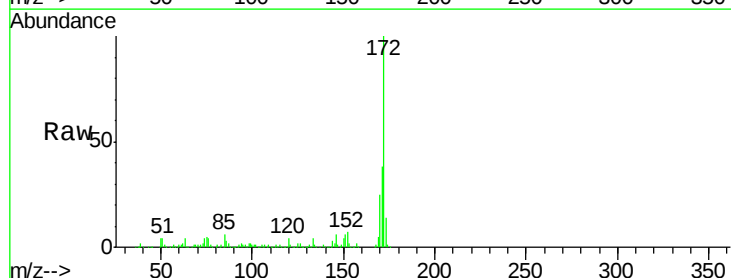


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

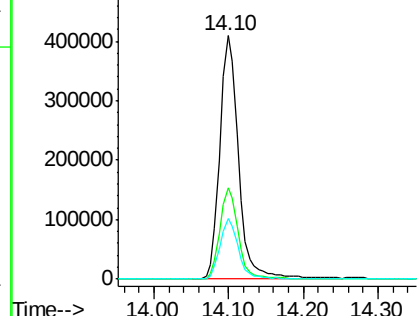
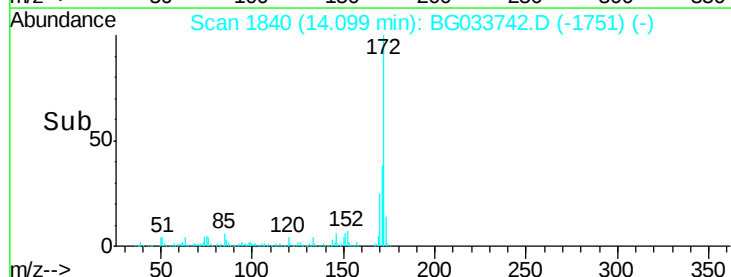


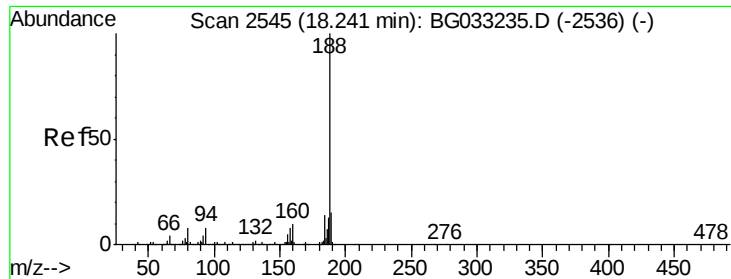
#44
 2-Fluorobiphenyl
 Concen: 94.192 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BG033742.D
 Acq: 11 Apr 2018 10:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	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. -0.01 min

Lab File: BG033742.D

Acq: 11 Apr 2018 10:40

Instrument :

BNA_G

ClientSampleId :

PB108130TB

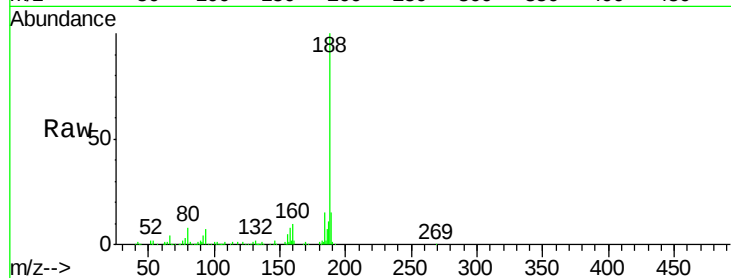
Tot Ion:188 Resp: 288479

Ion Ratio Lower Upper

188 100

94 7.1 6.9 10.3

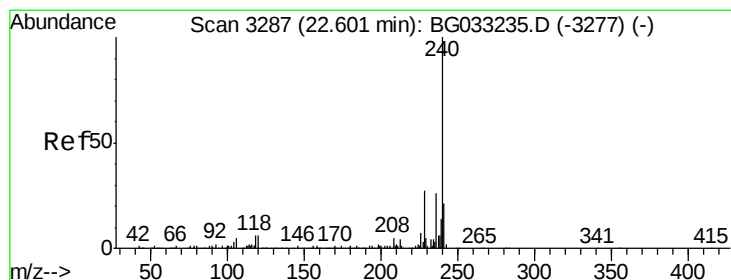
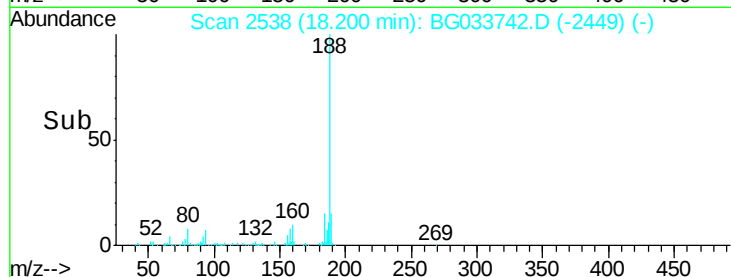
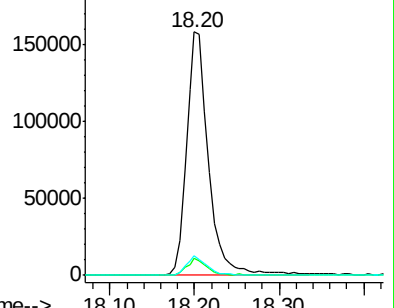
80 8.1 7.7 11.5



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: BG033742.D

Acq: 11 Apr 2018 10:40

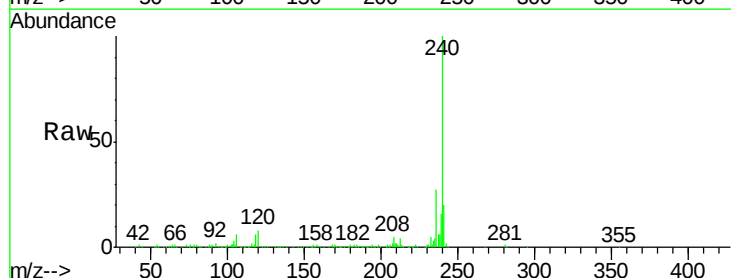
Tgt Ion:240 Resp: 322682

Ion Ratio Lower Upper

240 100

120 7.5 6.8 10.2

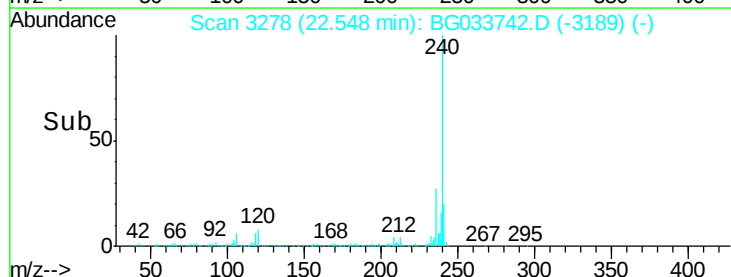
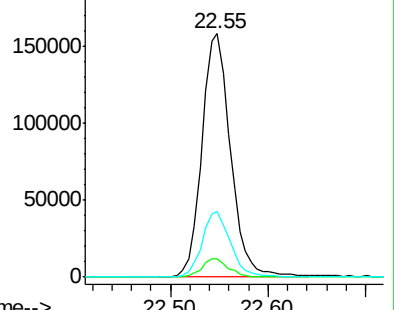
236 26.7 20.9 31.3

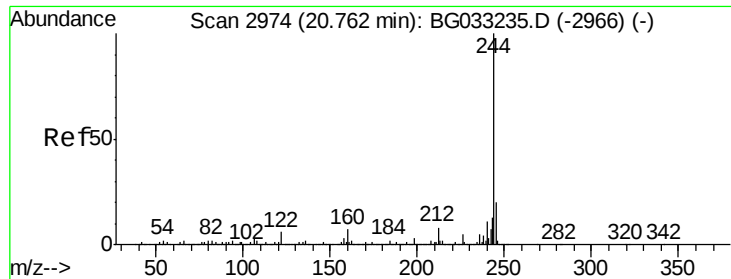


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 92.439 ng

RT: 20.72 min Scan# 2967

Delta R.T. -0.01 min

Lab File: BG033742.D

Acq: 11 Apr 2018 10:40

Instrument :

BNA_G

ClientSampleId :

PB108130TB

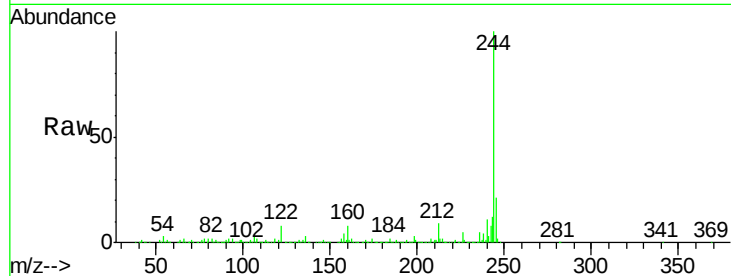
Tot Ion:244 Resp: 1394754

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

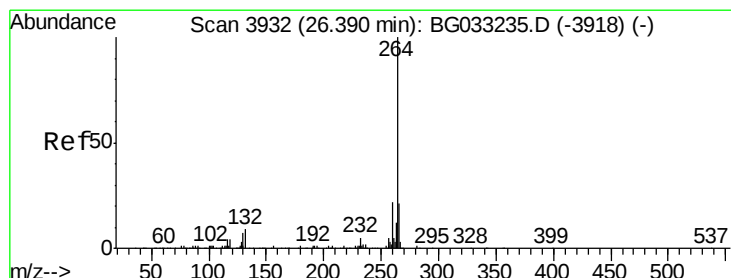
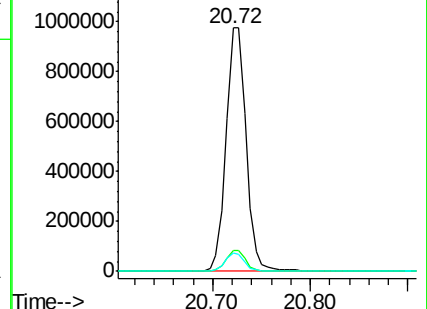
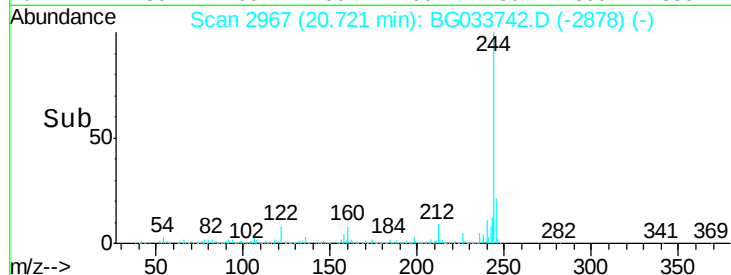
122 7.5 7.0 10.4



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. -0.01 min

Lab File: BG033742.D

Acq: 11 Apr 2018 10:40

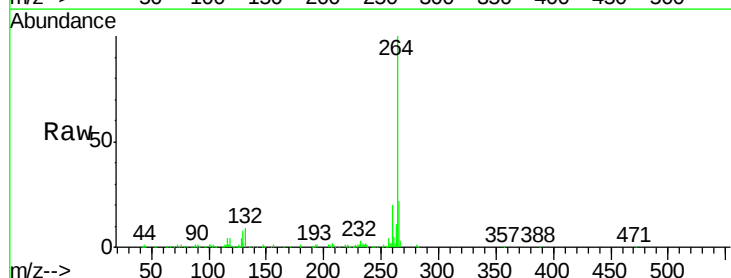
Tgt Ion:264 Resp: 339806

Ion Ratio Lower Upper

264 100

260 20.0 17.4 26.0

265 21.5 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

