

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041118\
 Data File : BG033750.D
 Acq On : 11 Apr 2018 18:09
 Operator : SJ/JU
 Sample : PB108149BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB108149BL

Quant Time: Apr 12 01:45:58 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	27116	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	115390	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	86904	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	265009	20.00	ng	0.00
75) Chrysene-d12	22.55	240	297359	20.00	ng	0.00
86) Perylene-d12	26.30	264	319522	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	161559	111.72	ng	0.00
7) Phenol-d6	7.97	99	238239	95.88	ng	0.00
23) Nitrobenzene-d5	10.05	82	224289	89.30	ng	0.00
41) 2,4,6-Tribromophenol	16.94	330	120673	92.84	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	548029	91.04	ng	0.00
78) Terphenyl-d14	20.72	244	1291284	92.87	ng	0.00

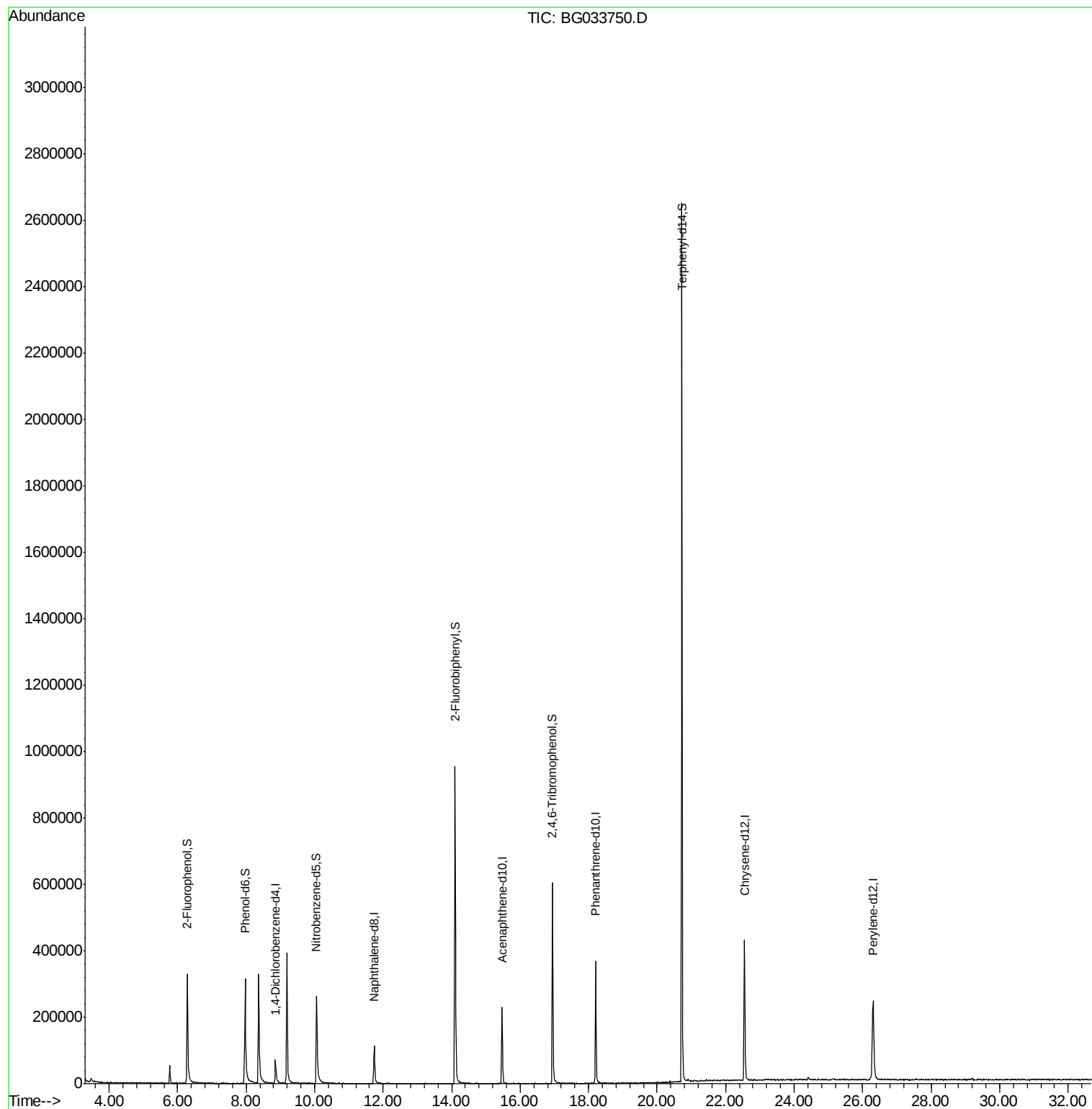
Target Compounds Qvalue

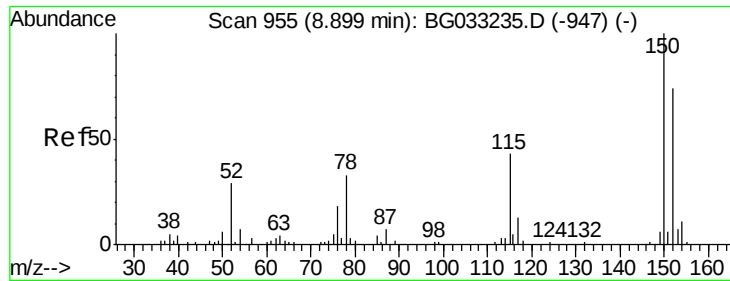
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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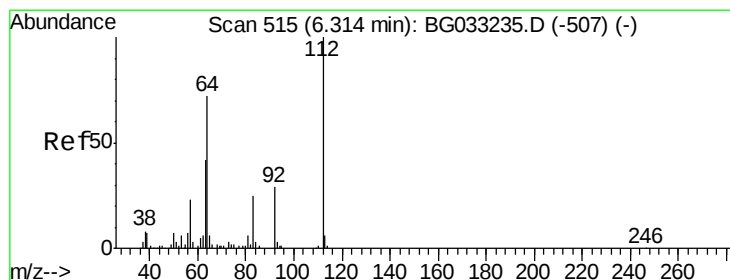
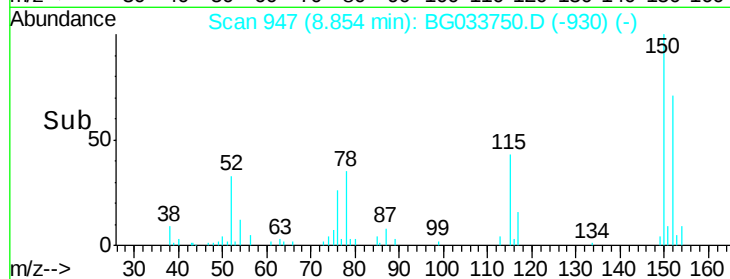
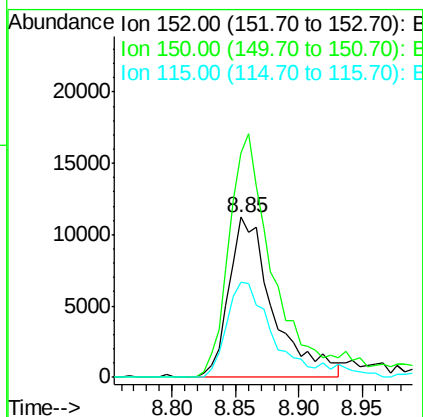
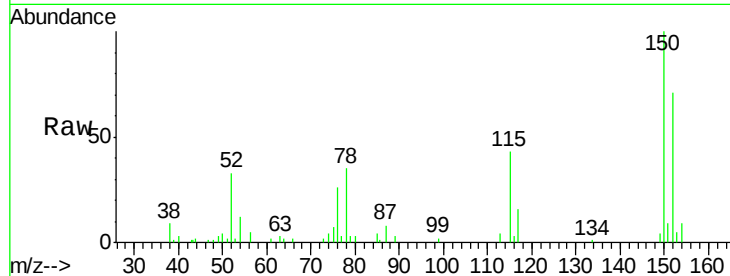


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.85 min Scan# 947
Delta R.T. -0.00 min
Lab File: BG033750.D
Acq: 11 Apr 2018 18:09

Instrument :
BNA_G
ClientSampleId :
PB108149BL

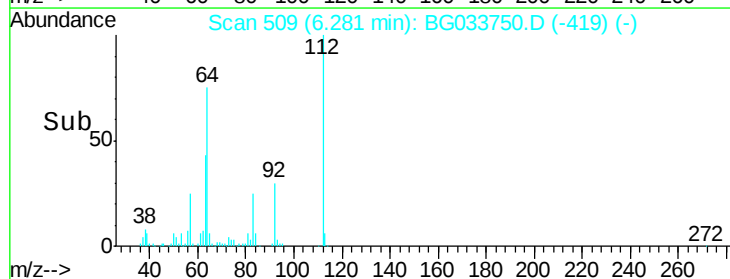
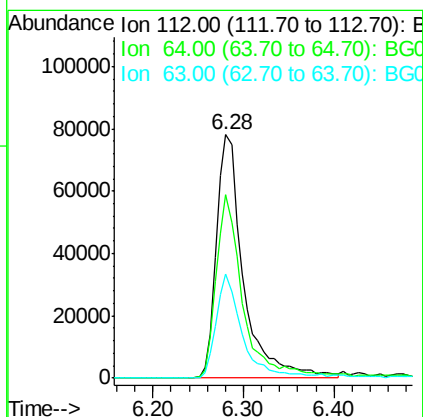
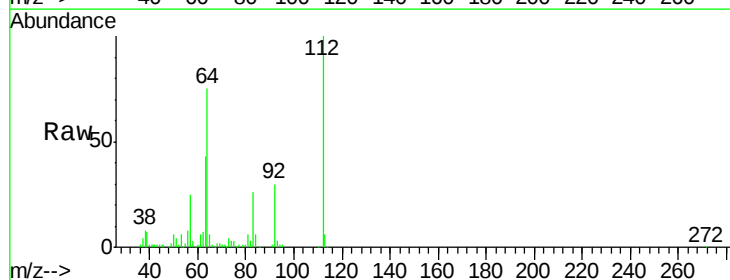
Tot Ion:152 Resp: 27116
Ion Ratio Lower Upper
152 100
150 140.5 126.6 189.8
115 59.8 53.0 79.4

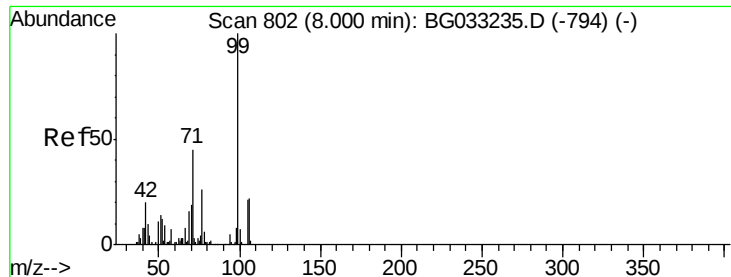


#5

2-Fluorophenol
Concen: 111.721 ng
RT: 6.28 min Scan# 509
Delta R.T. -0.00 min
Lab File: BG033750.D
Acq: 11 Apr 2018 18:09

Tgt Ion:112 Resp: 161559
Ion Ratio Lower Upper
112 100
64 75.3 56.3 84.5
63 42.6 30.1 45.1





#7

Phenol-d6

Concen: 95.883 ng

RT: 7.97 min Scan# 796

Delta R.T. -0.00 min

Lab File: BG033750.D

Acq: 11 Apr 2018 18:09

Instrument :

BNA_G

ClientSampleId :

PB108149BL

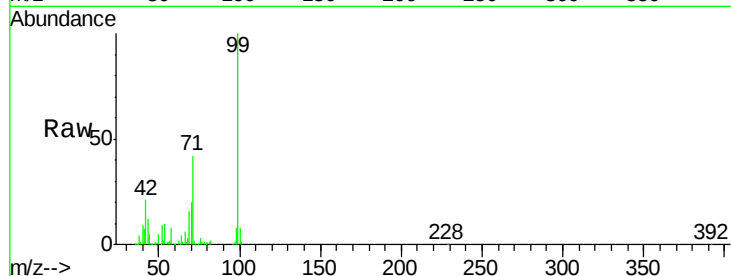
Tot Ion: 99 Resp: 238239

Ion Ratio Lower Upper

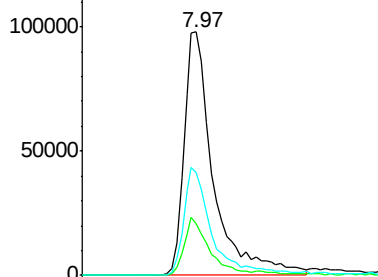
99 100

42 21.2 14.1 21.1#

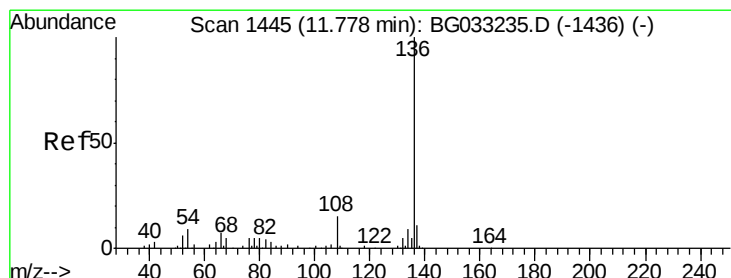
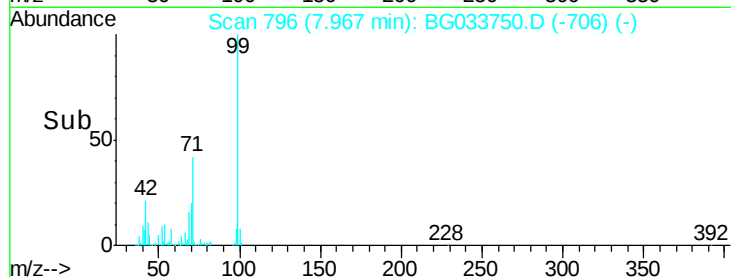
71 42.4 26.1 39.1#



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



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.74 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BG033750.D

Acq: 11 Apr 2018 18:09

Tgt Ion: 136 Resp: 115390

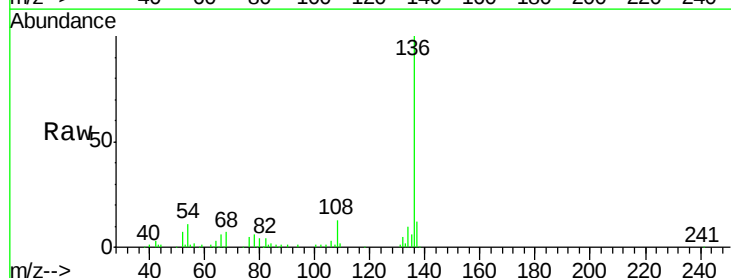
Ion Ratio Lower Upper

136 100

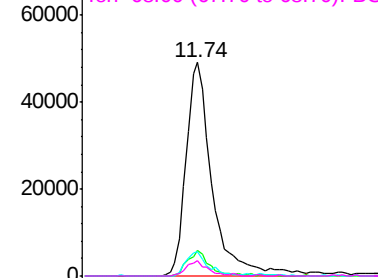
137 12.1 9.2 13.8

54 12.0 10.3 15.5

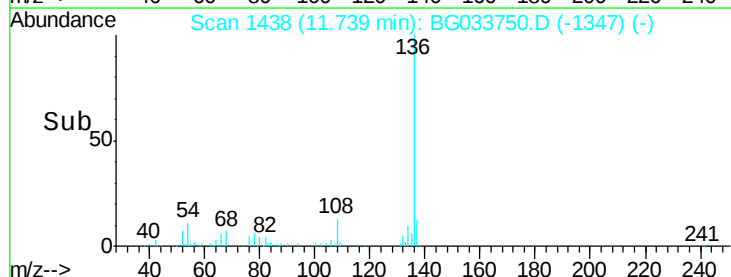
68 7.0 4.5 6.7#

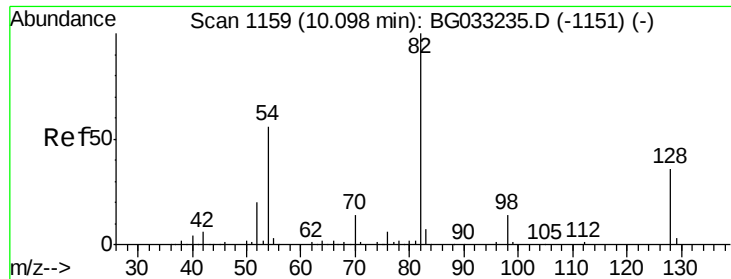


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



Time-->





#23

Nitrobenzene-d5

Concen: 89.304 ng

RT: 10.05 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BG033750.D

Acq: 11 Apr 2018 18:09

Instrument :

BNA_G

ClientSampleId :

PB108149BL

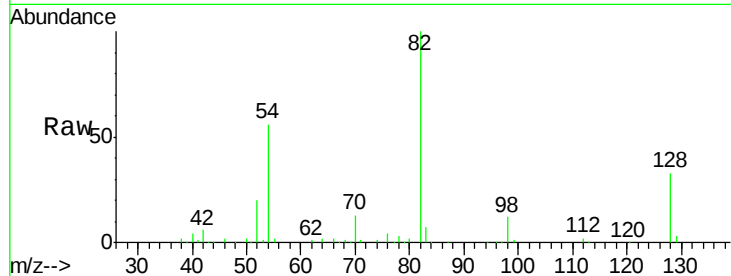
Tot Ion: 82 Resp: 224289

Ion Ratio Lower Upper

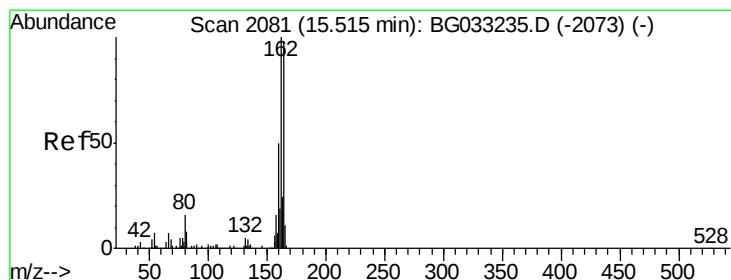
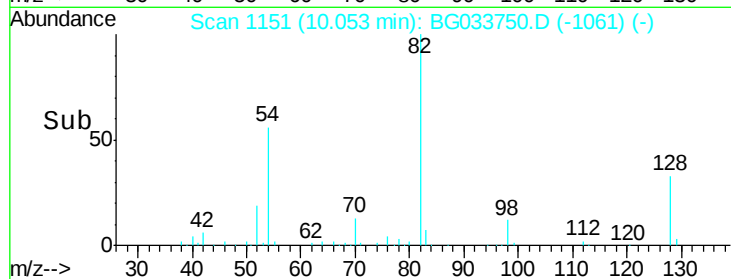
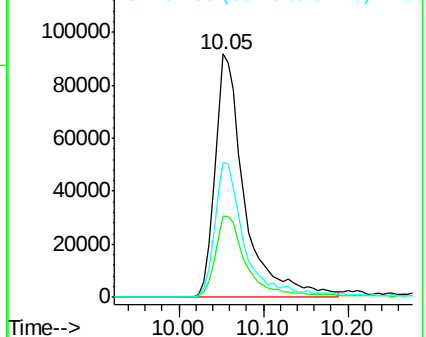
82 100

128 33.4 29.7 44.5

54 55.6 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# 2073

Delta R.T. -0.00 min

Lab File: BG033750.D

Acq: 11 Apr 2018 18:09

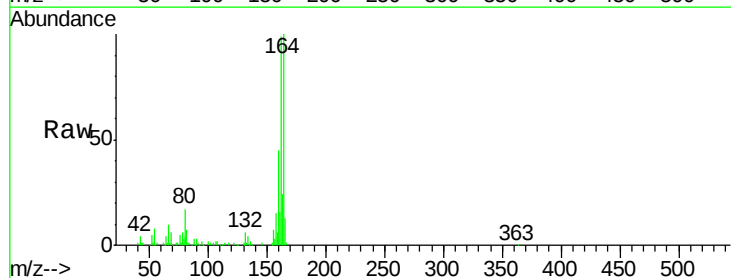
Tgt Ion: 164 Resp: 86904

Ion Ratio Lower Upper

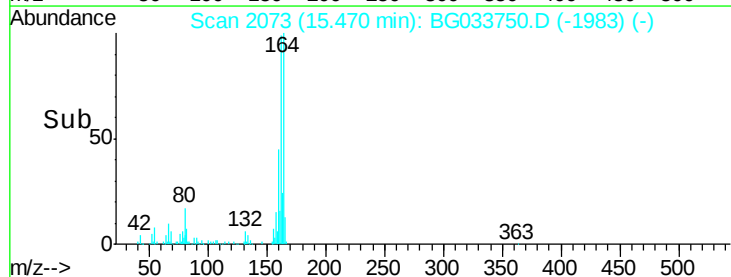
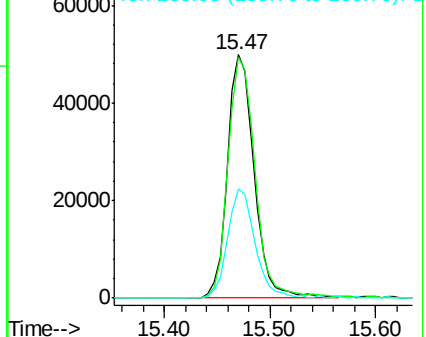
164 100

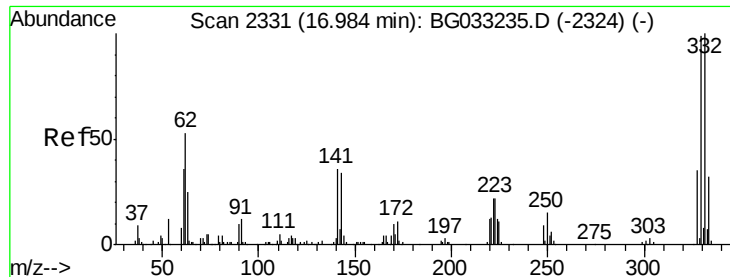
162 99.2 78.8 118.2

160 44.9 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

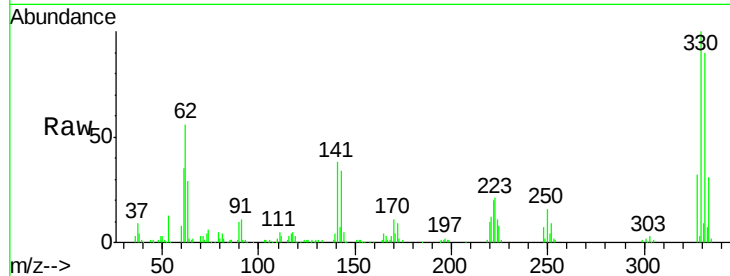




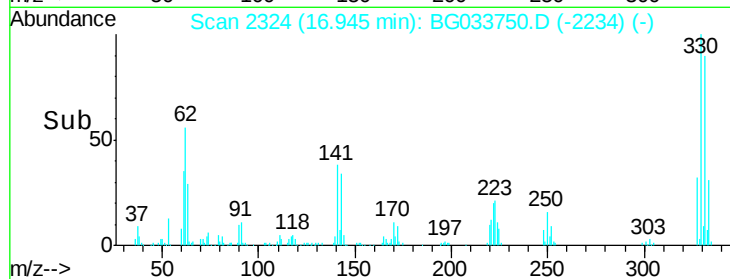
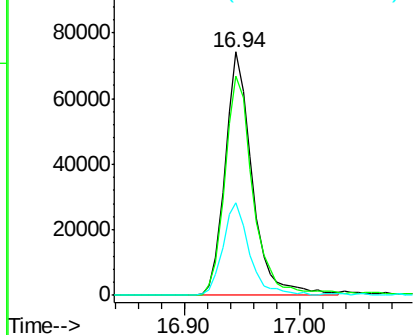
#41
 2,4,6-Tribromophenol
 Concen: 92.843 ng
 RT: 16.94 min Scan# 2324
 Delta R.T. -0.00 min
 Lab File: BG033750.D
 Acq: 11 Apr 2018 18:09

Instrument :
 BNA_G
 ClientSampleId :
 PB108149BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.8	77.0	115.6
141	37.5	25.2	37.8

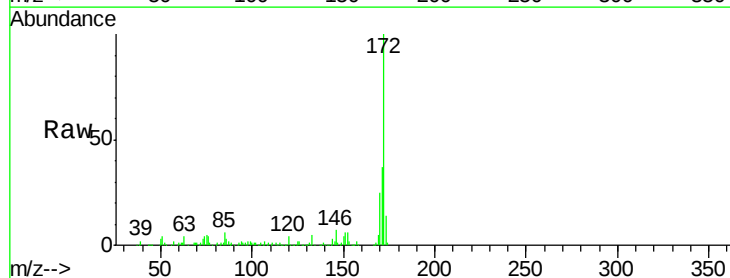


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

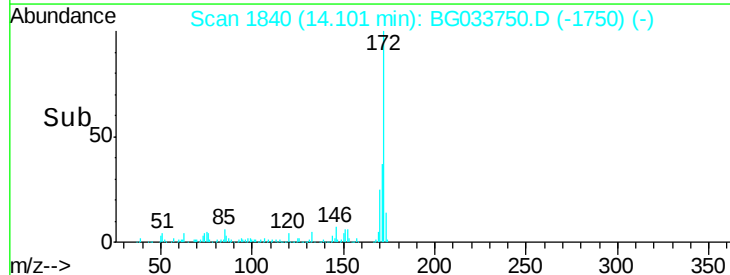
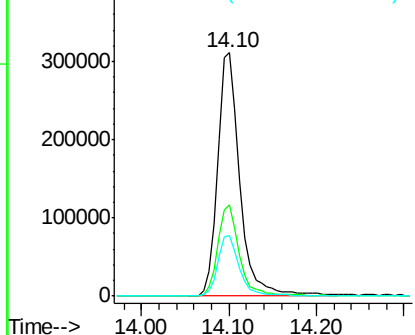


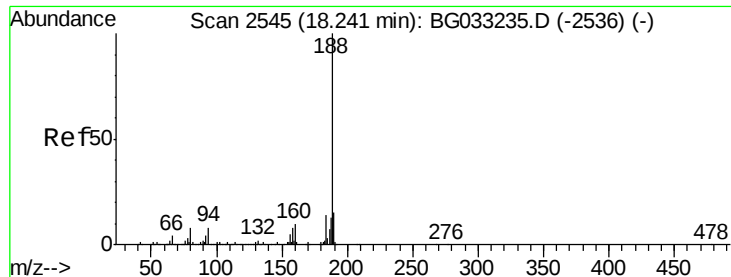
#44
 2-Fluorobiphenyl
 Concen: 91.038 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BG033750.D
 Acq: 11 Apr 2018 18:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	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: BG033750.D

Acq: 11 Apr 2018 18:09

Instrument :

BNA_G

ClientSampleId :

PB108149BL

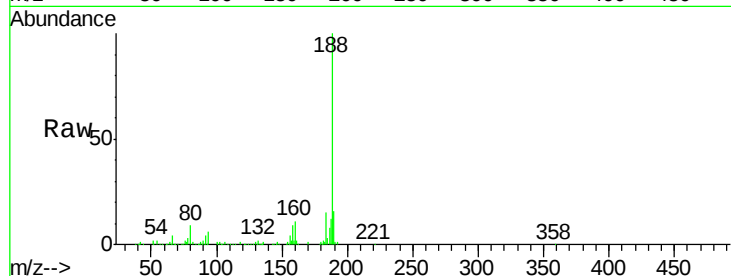
Tot Ion:188 Resp: 265009

Ion Ratio Lower Upper

188 100

94 5.9 6.9 10.3#

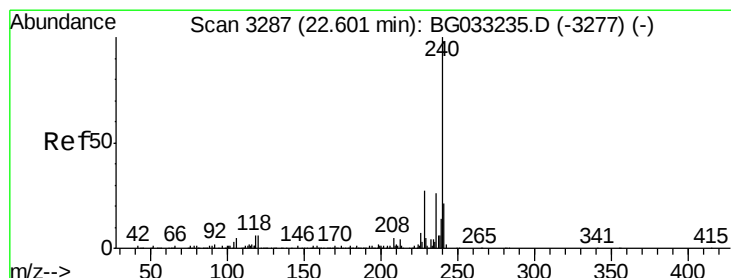
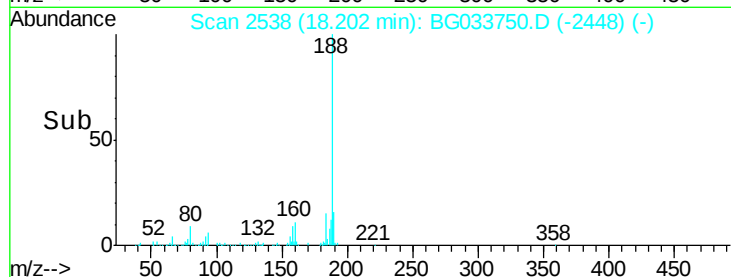
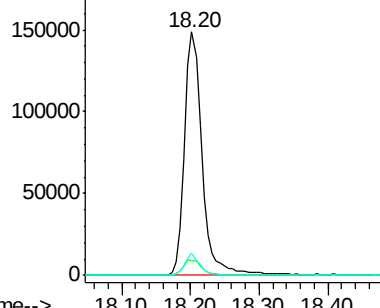
80 9.2 7.7 11.5



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. -0.00 min

Lab File: BG033750.D

Acq: 11 Apr 2018 18:09

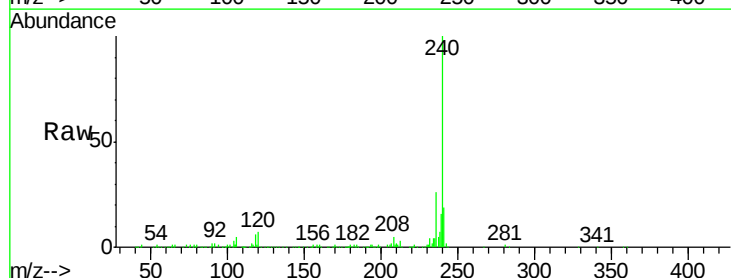
Tgt Ion:240 Resp: 297359

Ion Ratio Lower Upper

240 100

120 6.8 6.8 10.2#

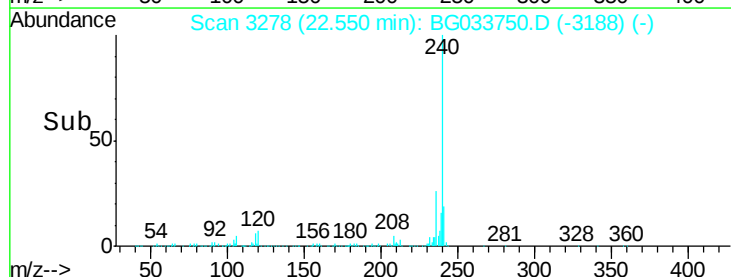
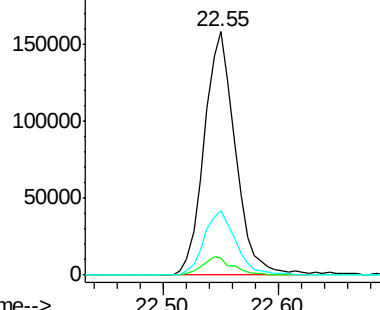
236 26.4 20.9 31.3

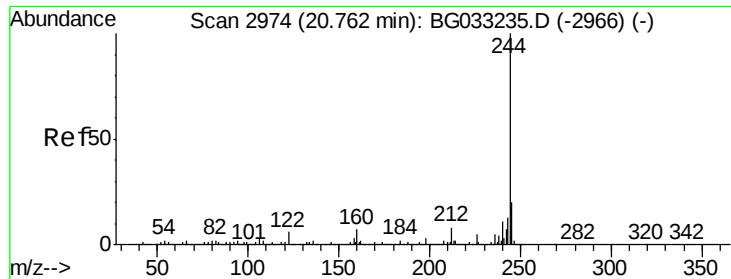


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 92.869 ng

RT: 20.72 min Scan# 2967

Delta R.T. -0.00 min

Lab File: BG033750.D

Acq: 11 Apr 2018 18:09

Instrument :

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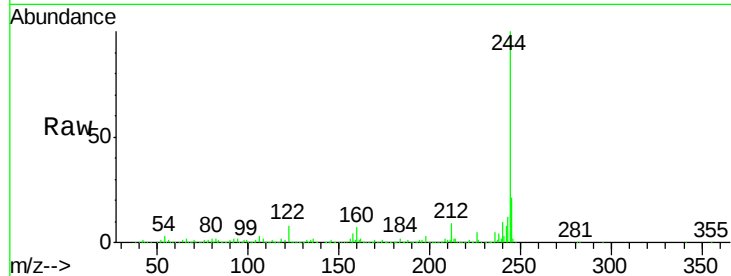
Tot Ion:244 Resp: 1291284

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

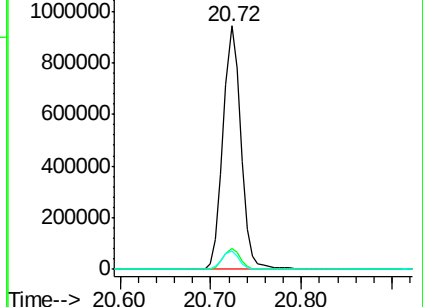
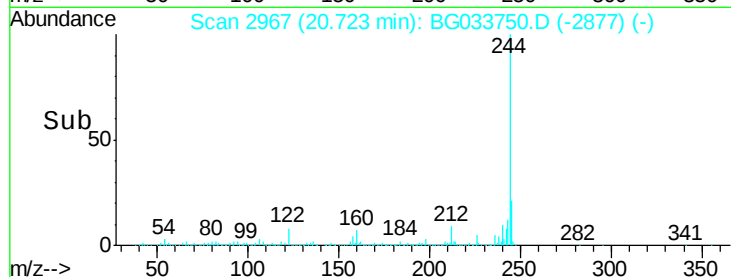
122 7.7 7.0 10.4



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: BG033750.D

Acq: 11 Apr 2018 18:09

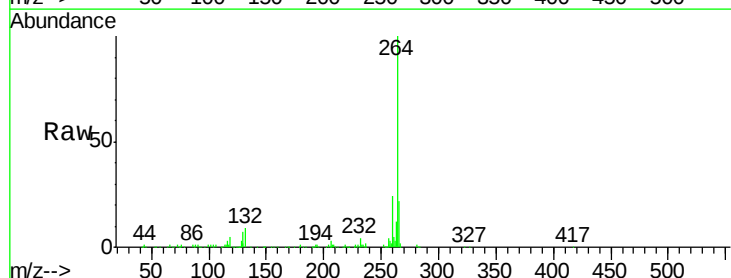
Tgt Ion:264 Resp: 319522

Ion Ratio Lower Upper

264 100

260 24.0 17.4 26.0

265 22.1 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

