

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG032618\
 Data File : BG033350.D
 Acq On : 27 Mar 2018 4:02
 Operator : SJ/JU
 Sample : J1758-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-032318-A

Quant Time: Mar 27 08:38:06 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 15:11:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	41634	20.00	ng	-0.03
21) Naphthalene-d8	11.75	136	163795	20.00	ng	-0.03
38) Acenaphthene-d10	15.49	164	121325	20.00	ng	-0.03
63) Phenanthrene-d10	18.21	188	339012	20.00	ng	-0.03
75) Chrysene-d12	22.56	240	356250	20.00	ng	-0.04
86) Perylene-d12	26.32	264	376824	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	319265	143.79	ng	-0.02
7) Phenol-d6	7.97	99	489667	128.35	ng	-0.03
23) Nitrobenzene-d5	10.06	82	331190	92.90	ng	-0.03
41) 2,4,6-Tribromophenol	16.95	330	261986	144.38	ng	-0.03
44) 2-Fluorobiphenyl	14.11	172	827743	98.49	ng	-0.03
78) Terphenyl-d14	20.73	244	1570963	94.31	ng	-0.03

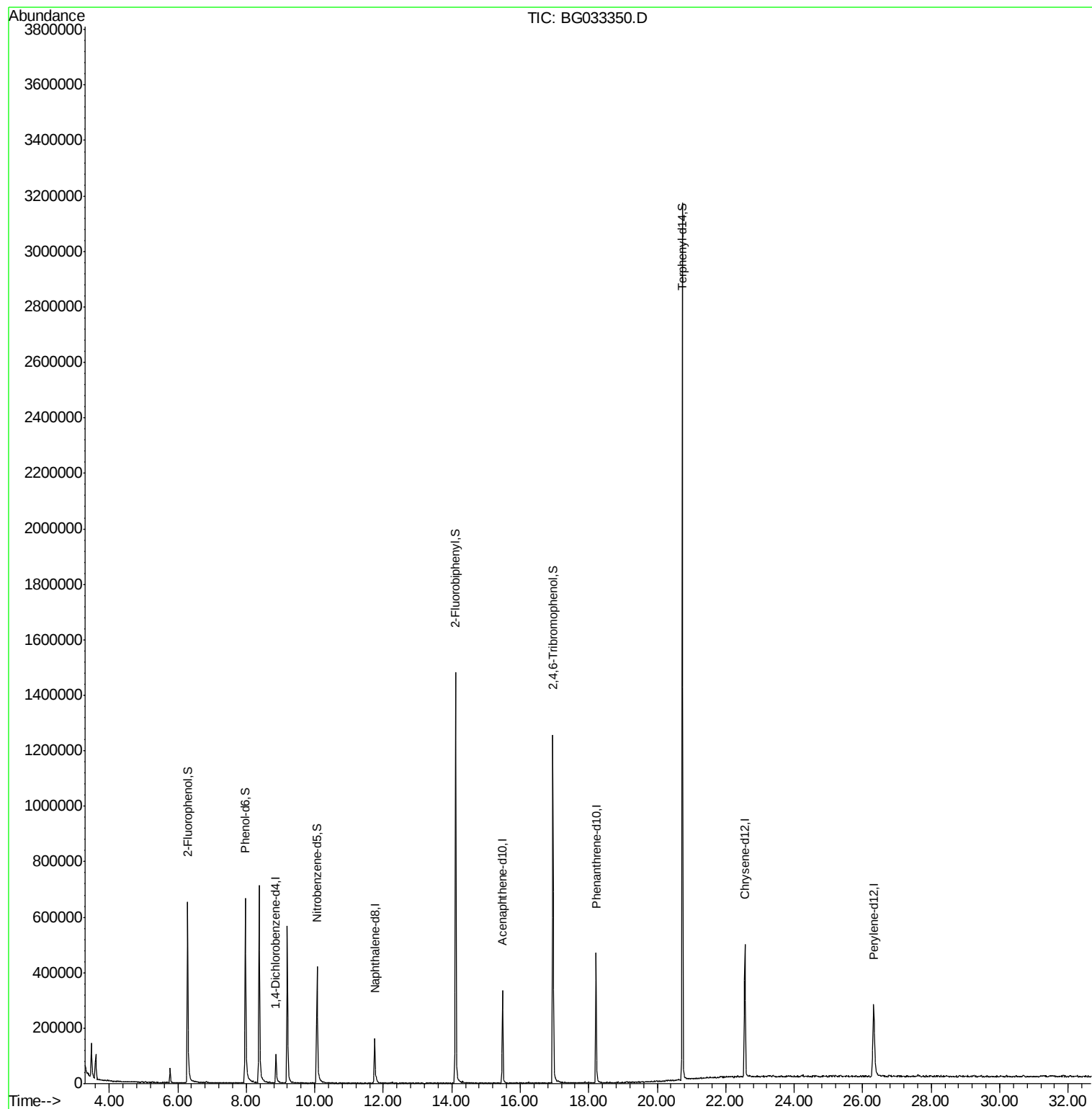
Target Compounds	Qvalue
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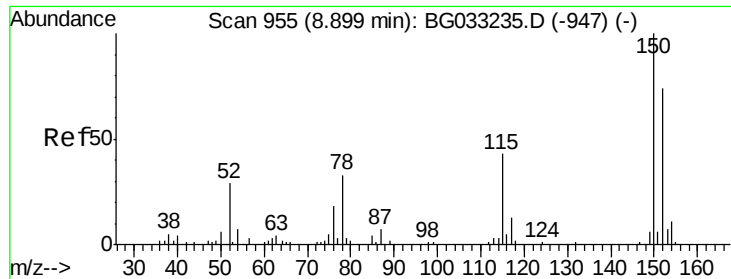
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.86 min Scan# 949

Delta R.T. -0.03 min

Lab File: BG033350.D

Acq: 27 Mar 2018 4:02

Instrument :

BNA_G

ClientSampleId :

PL-02-032318-A

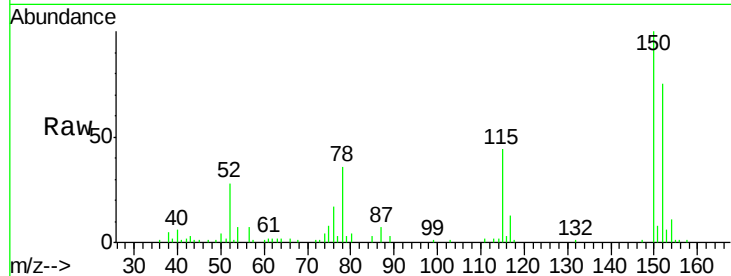
Tgt Ion:152 Resp: 41634

Ion Ratio Lower Upper

152 100

150 132.5 126.6 189.8

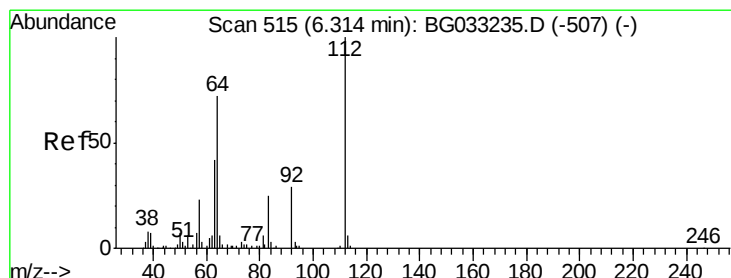
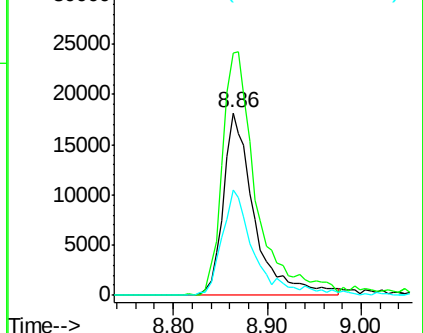
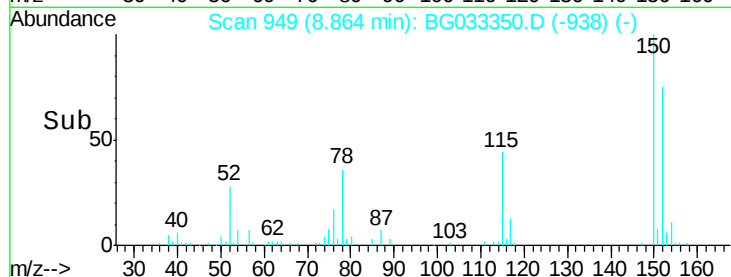
115 57.8 53.0 79.4



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: 143.791 ng

RT: 6.29 min Scan# 511

Delta R.T. -0.02 min

Lab File: BG033350.D

Acq: 27 Mar 2018 4:02

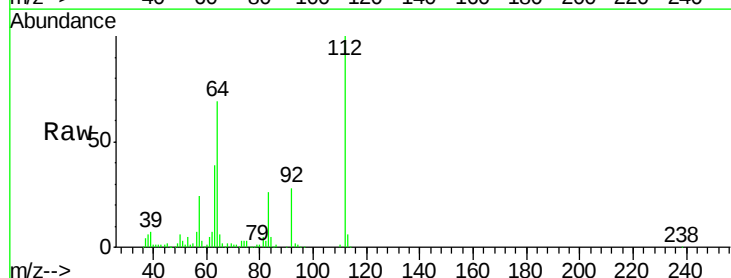
Tgt Ion:112 Resp: 319265

Ion Ratio Lower Upper

112 100

64 68.9 56.3 84.5

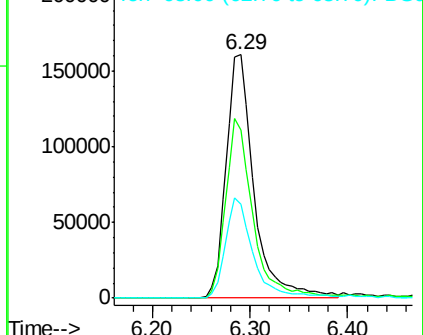
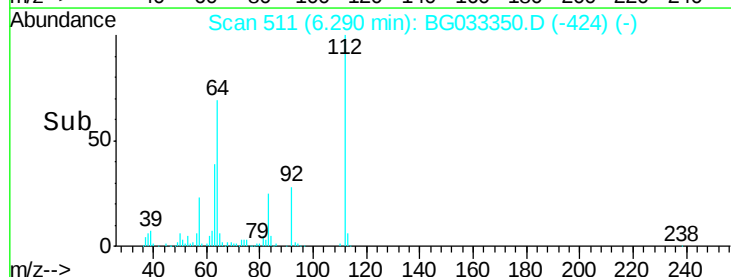
63 38.7 30.1 45.1

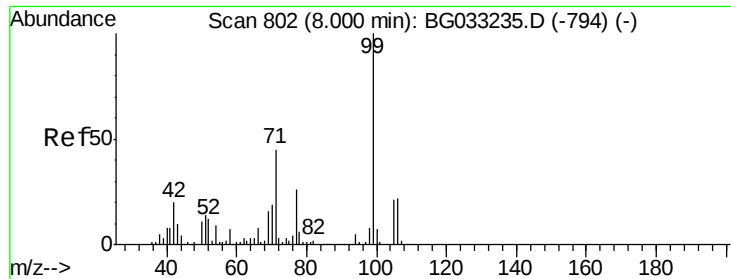


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 128.353 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.03 min

Lab File: BG033350.D

Acq: 27 Mar 2018 4:02

Instrument :

BNA_G

ClientSampleId :

PL-02-032318-A

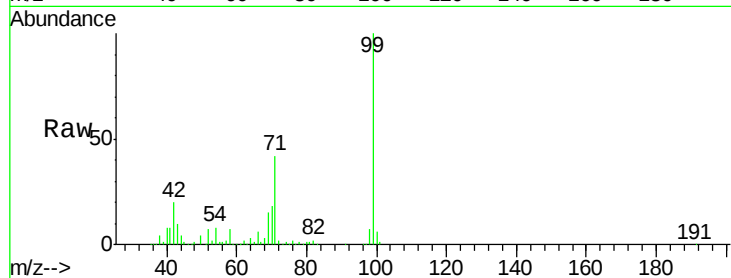
Tgt Ion: 99 Resp: 489667

Ion Ratio Lower Upper

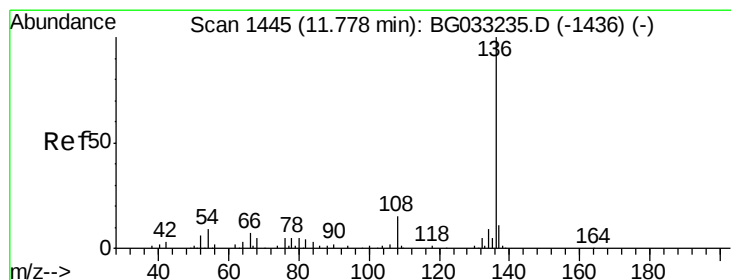
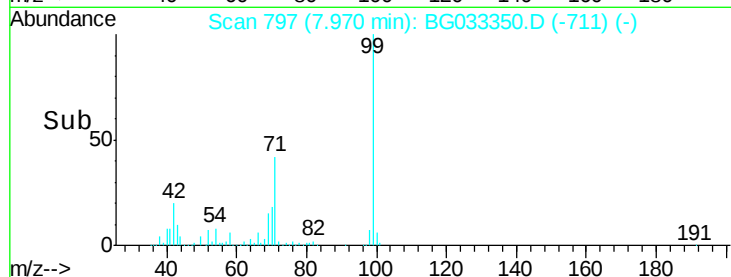
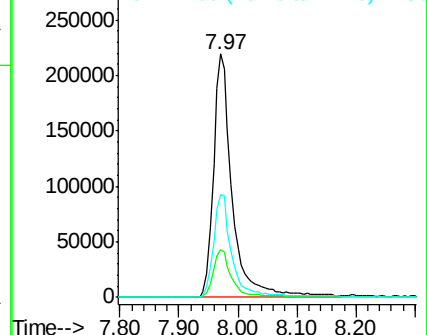
99 100

42 19.9 14.1 21.1

71 42.1 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: 11.75 min Scan# 1440

Delta R.T. -0.03 min

Lab File: BG033350.D

Acq: 27 Mar 2018 4:02

Tgt Ion: 136 Resp: 163795

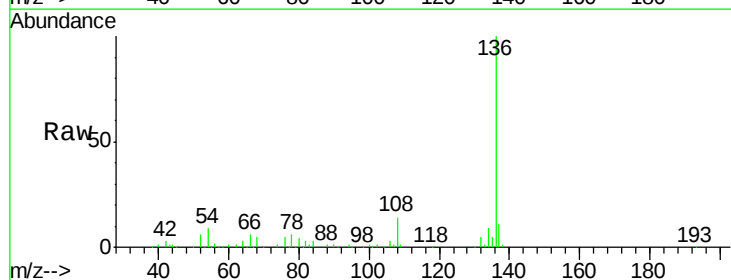
Ion Ratio Lower Upper

136 100

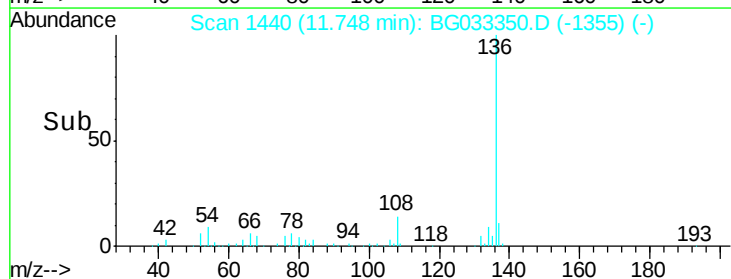
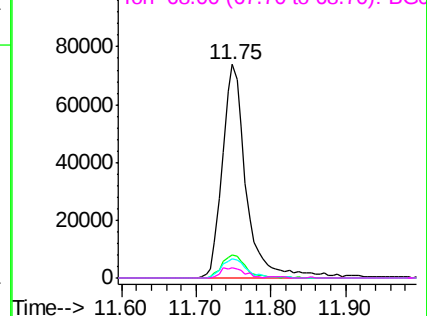
137 10.6 9.2 13.8

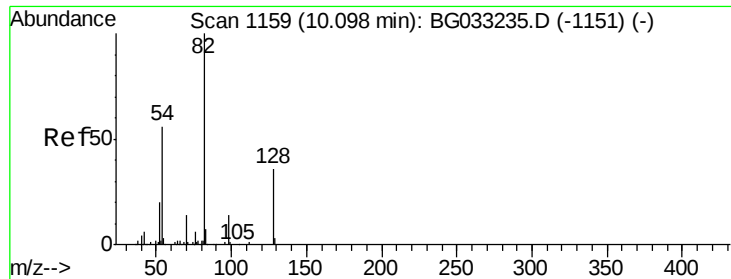
54 9.3 10.3 15.5#

68 4.8 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: 92.898 ng

RT: 10.06 min Scan# 1153

Delta R.T. -0.03 min

Lab File: BG033350.D

Acq: 27 Mar 2018 4:02

Instrument :

BNA_G

ClientSampleId :

PL-02-032318-A

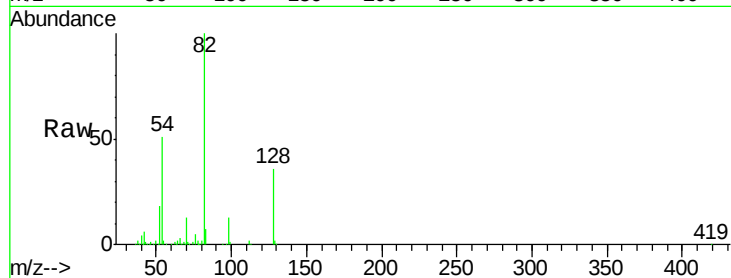
Tgt Ion: 82 Resp: 331190

Ion Ratio Lower Upper

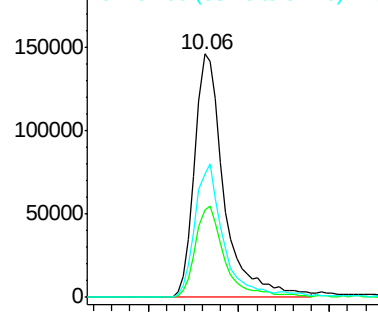
82 100

128 35.7 29.7 44.5

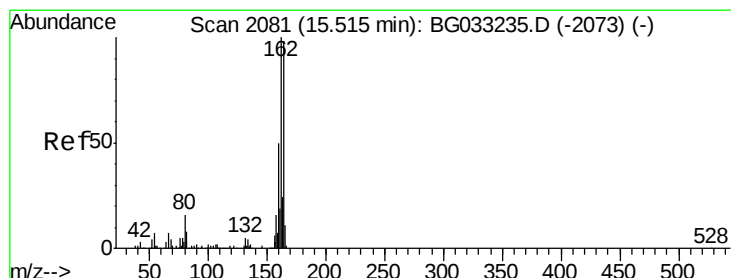
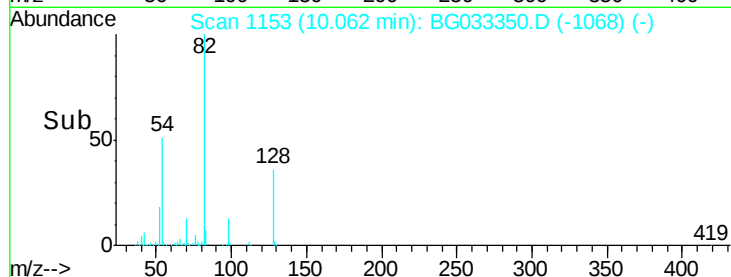
54 50.9 43.1 64.7



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



Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.49 min Scan# 2076

Delta R.T. -0.03 min

Lab File: BG033350.D

Acq: 27 Mar 2018 4:02

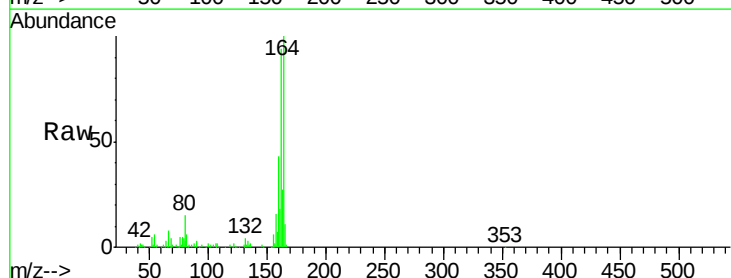
Tgt Ion: 164 Resp: 121325

Ion Ratio Lower Upper

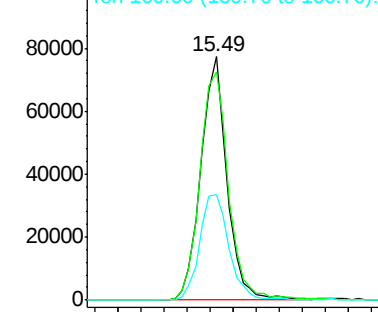
164 100

162 93.6 78.8 118.2

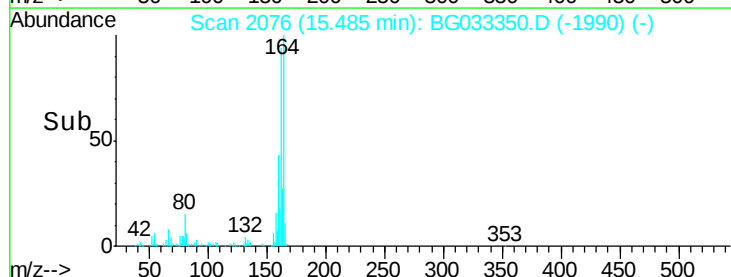
160 43.1 35.4 53.0

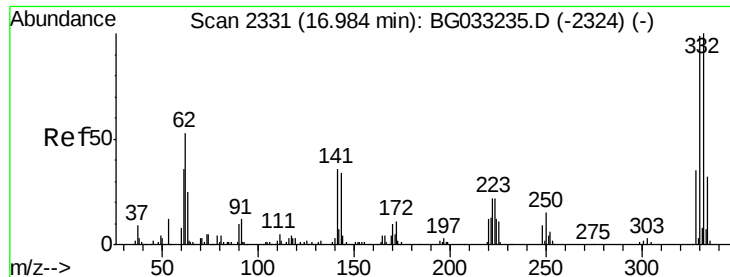


Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC



Time-->

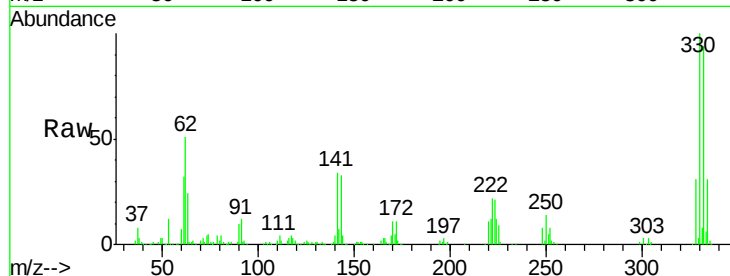




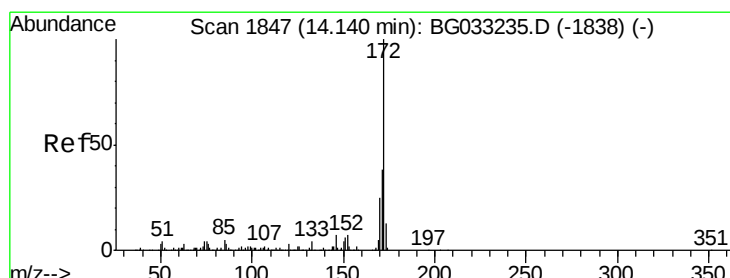
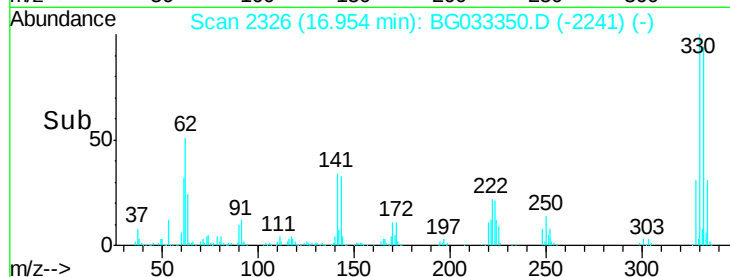
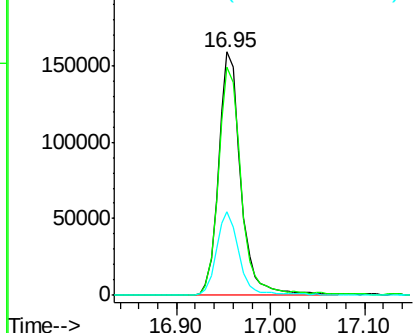
#41
 2,4,6-Tribromophenol
 Concen: 144.380 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.03 min
 Lab File: BG033350.D
 Acq: 27 Mar 2018 4:02

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-032318-A

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	261986		
332	95.9	77.0	115.6	
141	34.8	25.2	37.8	

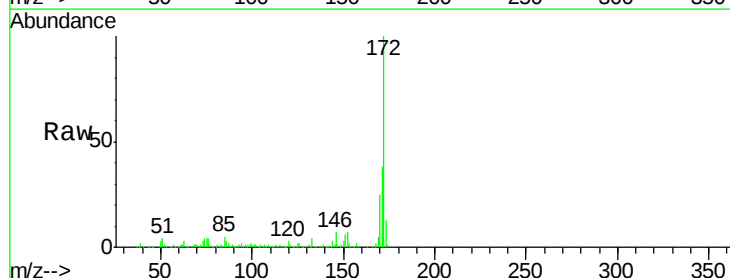


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

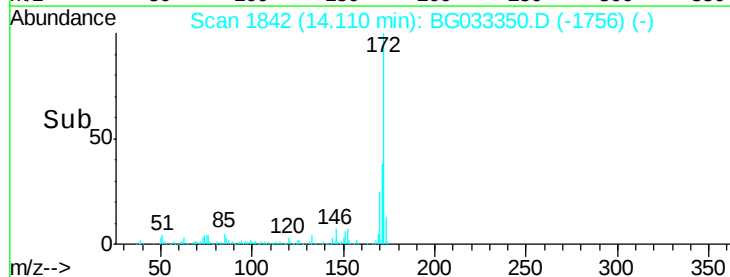
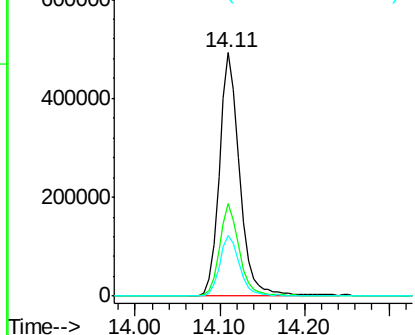


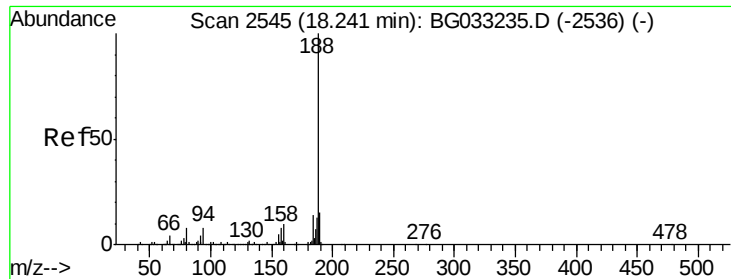
#44
 2-Fluorobiphenyl
 Concen: 98.492 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.03 min
 Lab File: BG033350.D
 Acq: 27 Mar 2018 4:02

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	827743		
171	37.9	30.0	45.0	
170	24.8	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

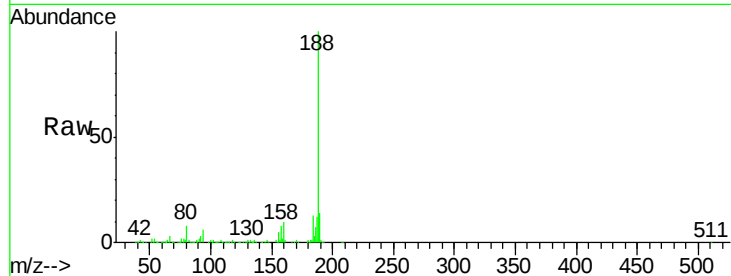




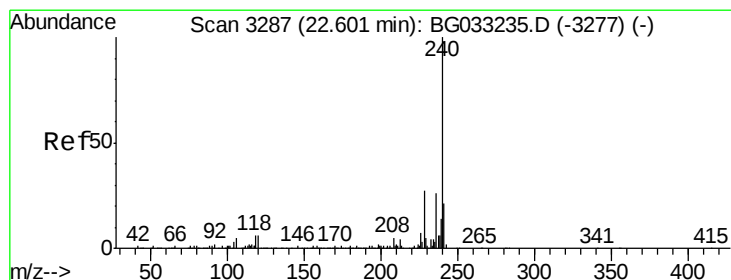
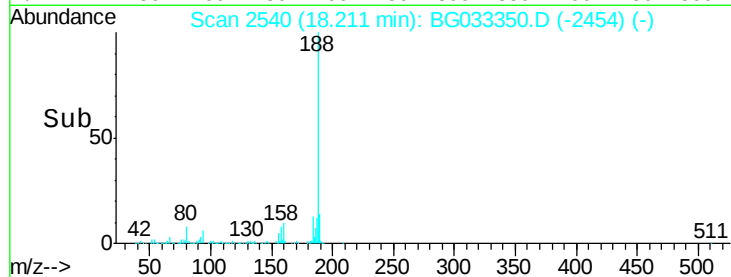
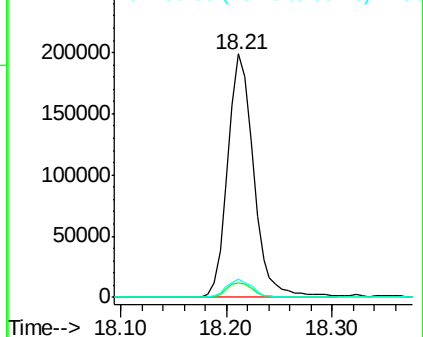
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.03 min
Lab File: BG033350.D
Acq: 27 Mar 2018 4:02

Instrument :
BNA_G
ClientSampleId :
PL-02-032318-A

Tgt Ion:188 Resp: 339012
Ion Ratio Lower Upper
188 100
94 6.2 6.9 10.3#
80 7.6 7.7 11.5#

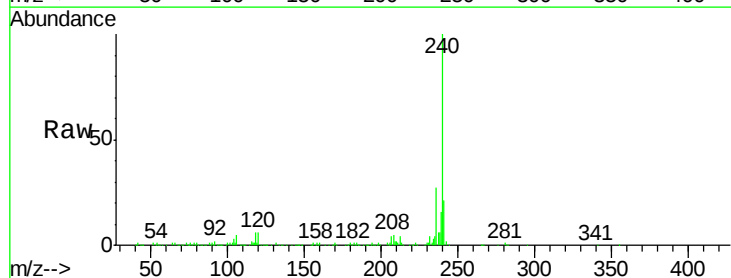


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

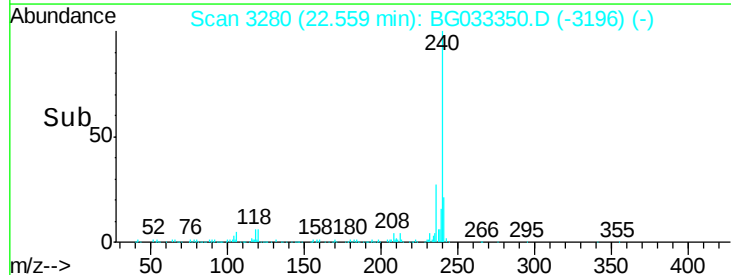
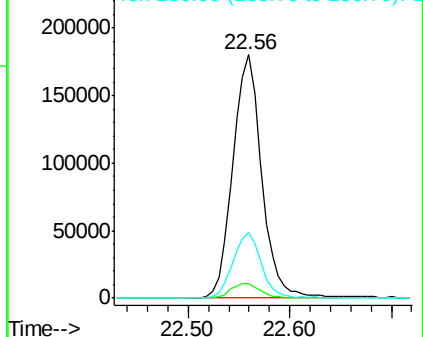


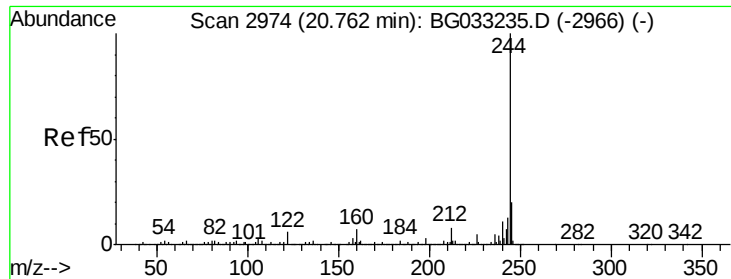
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3280
Delta R.T. -0.04 min
Lab File: BG033350.D
Acq: 27 Mar 2018 4:02

Tgt Ion:240 Resp: 356250
Ion Ratio Lower Upper
240 100
120 5.9 6.8 10.2#
236 27.0 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: 94.307 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.03 min

Lab File: BG033350.D

Acq: 27 Mar 2018 4:02

Instrument :

BNA_G

ClientSampleId :

PL-02-032318-A

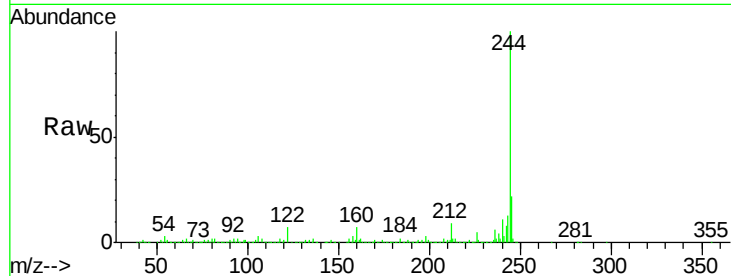
Tgt Ion:244 Resp: 1570963

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

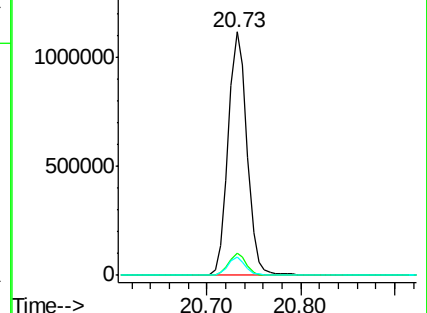
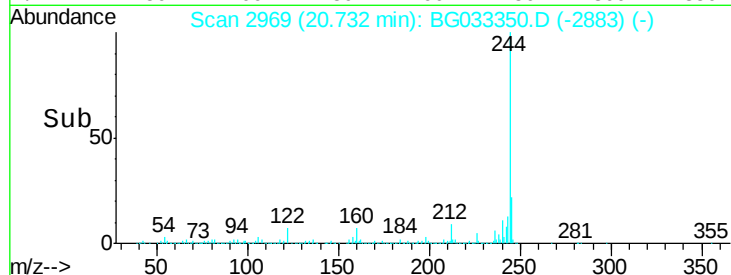
122 7.3 7.0 10.4



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# 3920

Delta R.T. -0.07 min

Lab File: BG033350.D

Acq: 27 Mar 2018 4:02

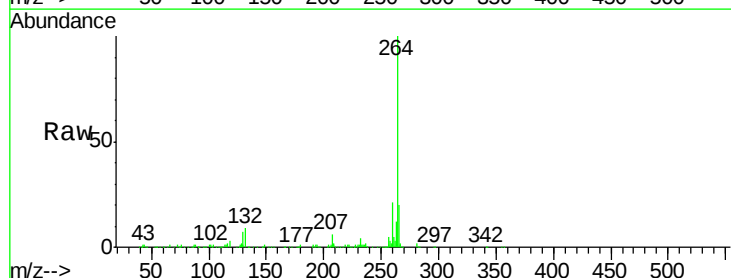
Tgt Ion:264 Resp: 376824

Ion Ratio Lower Upper

264 100

260 21.5 17.4 26.0

265 19.9 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

