

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040418\
 Data File : BG033570.D
 Acq On : 4 Apr 2018 21:29
 Operator : SJ/JU
 Sample : PB107912BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107912BL

Quant Time: Apr 05 03:56:36 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:35:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	30537	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	146998	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	118530	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	339073	20.00	ng	0.00
75) Chrysene-d12	22.56	240	345580	20.00	ng	0.00
86) Perylene-d12	26.32	264	323644	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	200218	122.94	ng	0.00
7) Phenol-d6	7.98	99	324556	115.99	ng	0.00
23) Nitrobenzene-d5	10.06	82	299178	93.51	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	166896	94.15	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	767143	93.43	ng	0.00
78) Terphenyl-d14	20.73	244	1452218	89.87	ng	0.00

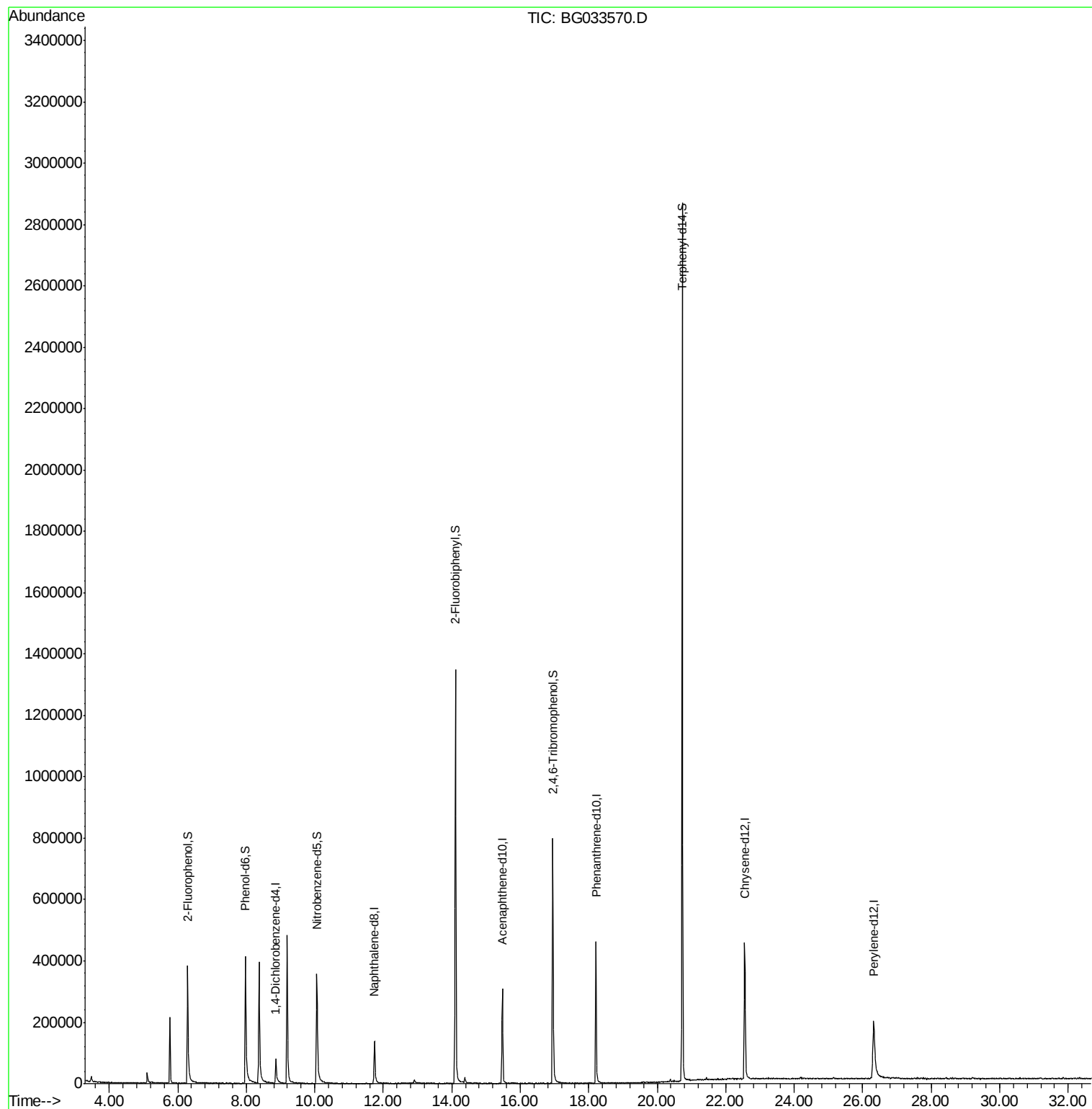
Target Compounds Qvalue

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

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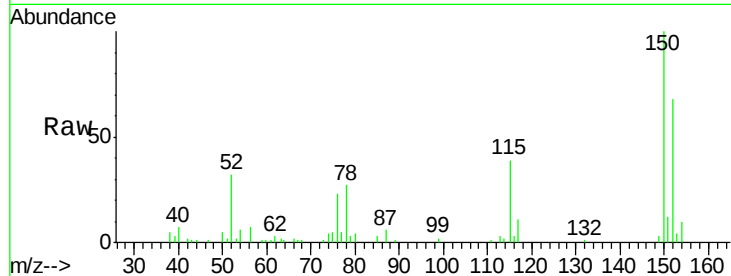


#1

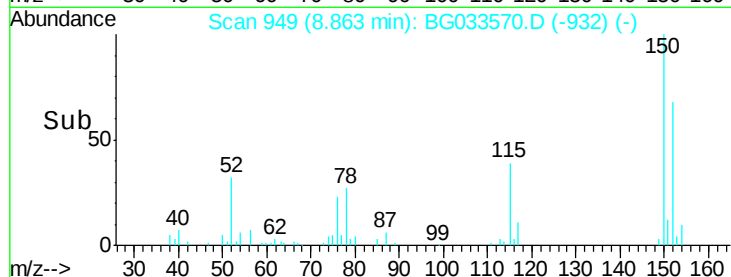
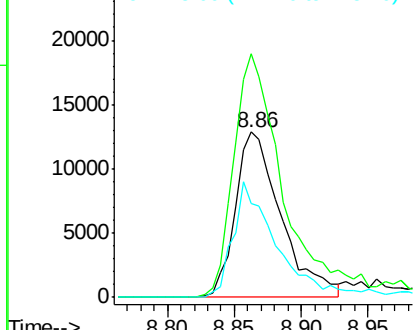
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG033570.D
Acq: 4 Apr 2018 21:29

Instrument :
BNA_G
ClientSampleId :
PB107912BL

Tot Ion:152 Resp: 30537
Ion Ratio Lower Upper
152 100
150 147.6 126.6 189.8
115 56.8 53.0 79.4



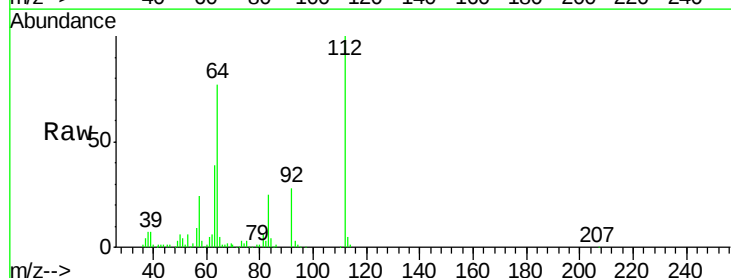
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



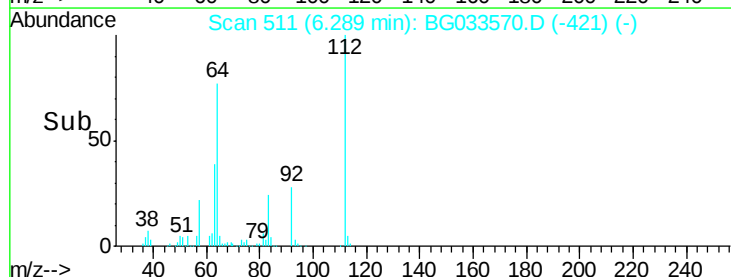
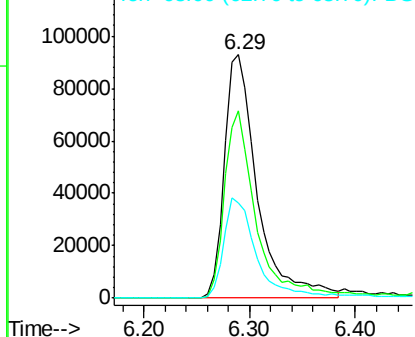
#5

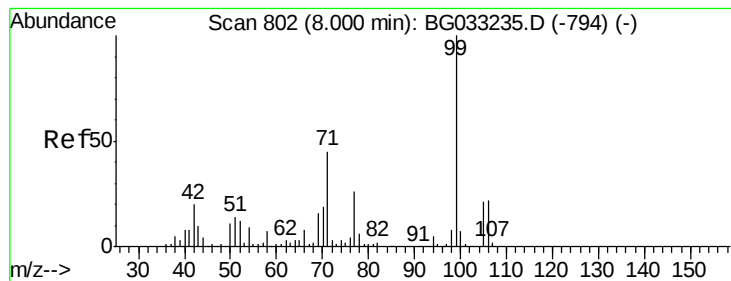
2-Fluorophenol
Concen: 122.944 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033570.D
Acq: 4 Apr 2018 21:29

Tgt Ion:112 Resp: 200218
Ion Ratio Lower Upper
112 100
64 77.2 56.3 84.5
63 39.1 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: 115.989 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.00 min

Lab File: BG033570.D

Acq: 4 Apr 2018 21:29

Instrument :

BNA_G

ClientSampleId :

PB107912BL

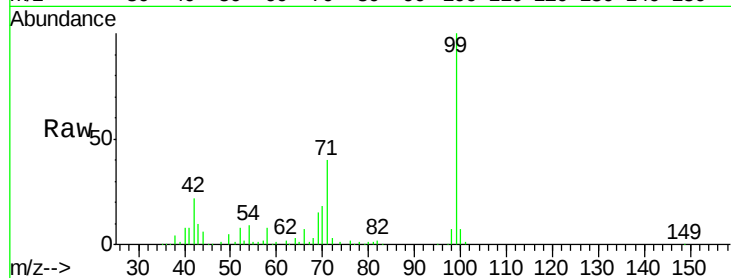
Tot Ion: 99 Resp: 324556

Ion Ratio Lower Upper

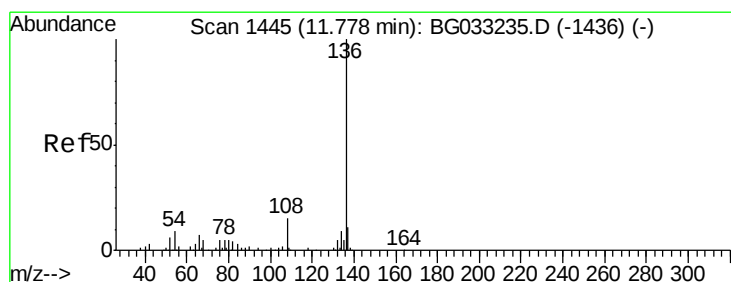
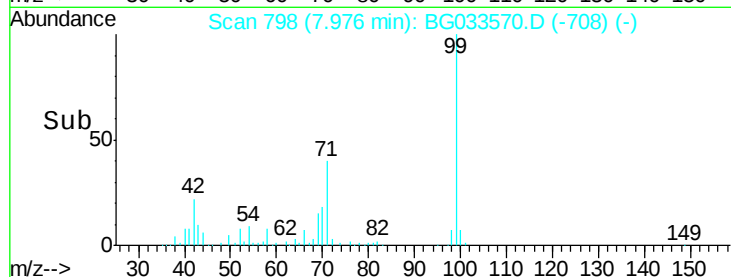
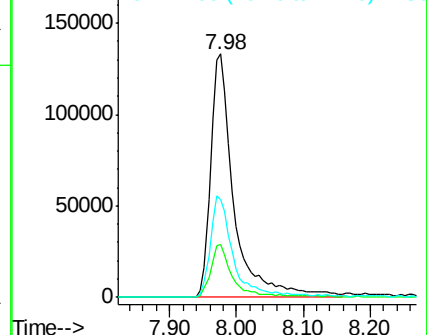
99 100

42 21.6 14.1 21.1#

71 40.2 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# 1439

Delta R.T. -0.01 min

Lab File: BG033570.D

Acq: 4 Apr 2018 21:29

Tgt Ion: 136 Resp: 146998

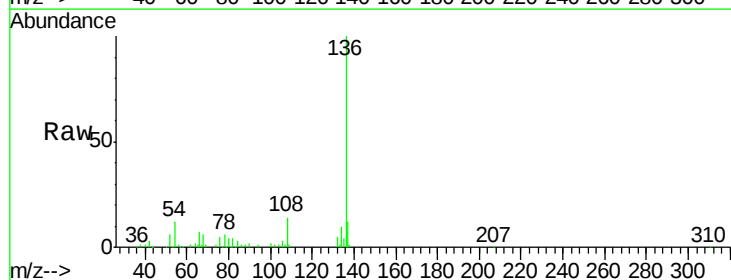
Ion Ratio Lower Upper

136 100

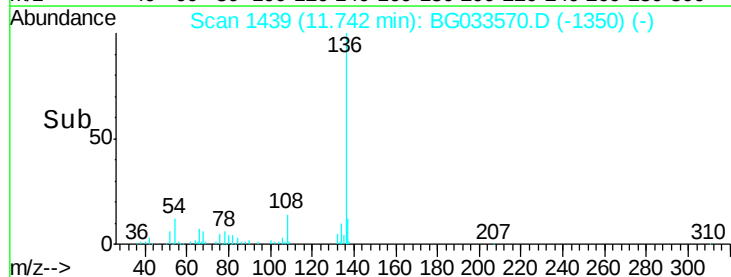
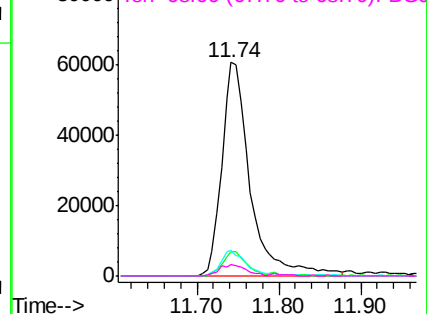
137 11.7 9.2 13.8

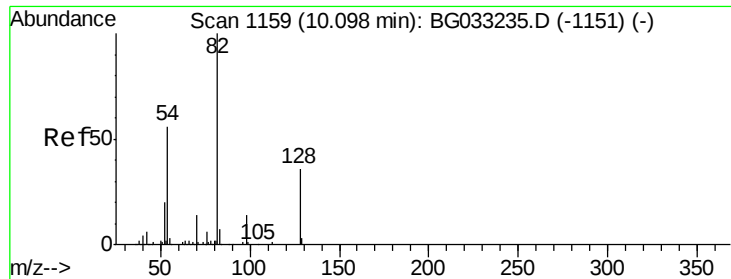
54 12.0 10.3 15.5

68 6.5 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: 93.508 ng

RT: 10.06 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BG033570.D

Acq: 4 Apr 2018 21:29

Instrument :

BNA_G

ClientSampleId :

PB107912BL

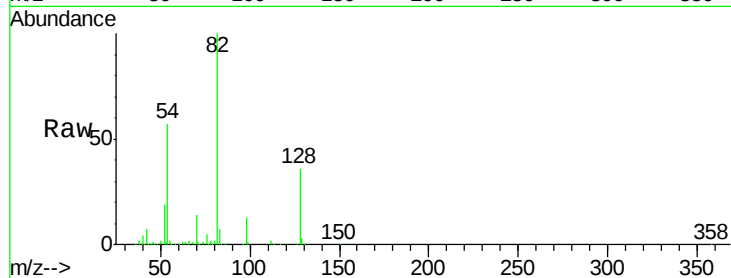
Tot Ion: 82 Resp: 299178

Ion Ratio Lower Upper

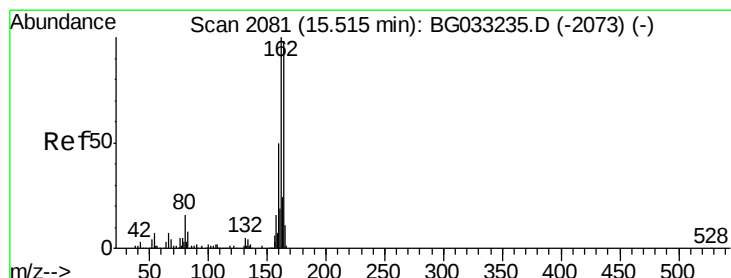
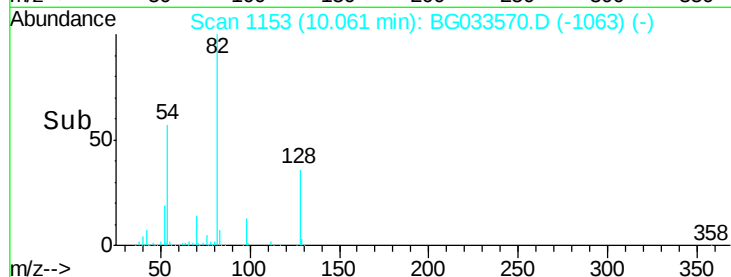
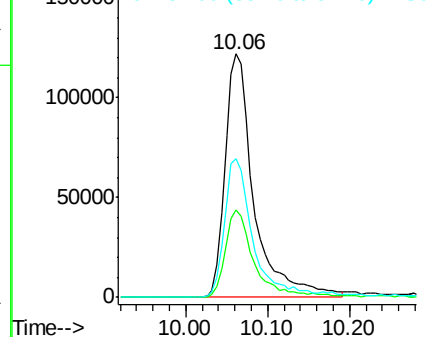
82 100

128 36.2 29.7 44.5

54 56.9 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: 15.48 min Scan# 2075

Delta R.T. -0.01 min

Lab File: BG033570.D

Acq: 4 Apr 2018 21:29

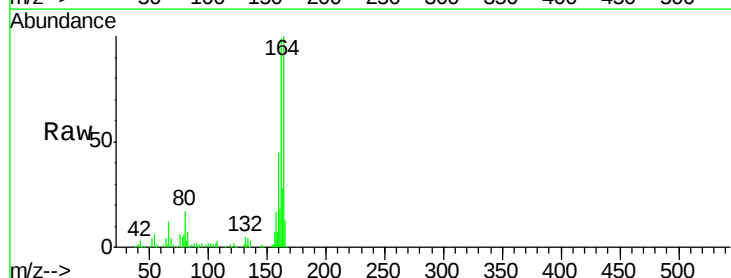
Tgt Ion: 164 Resp: 118530

Ion Ratio Lower Upper

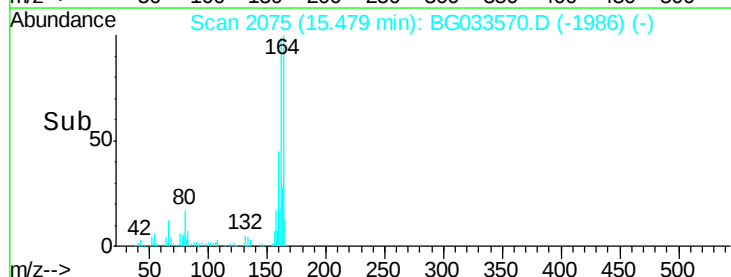
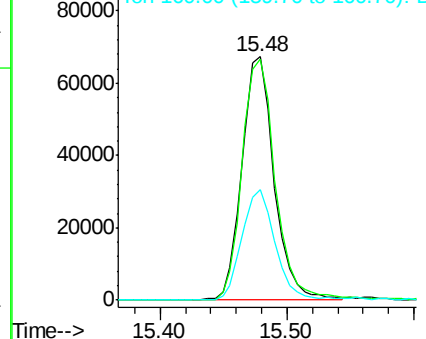
164 100

162 98.9 78.8 118.2

160 45.2 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

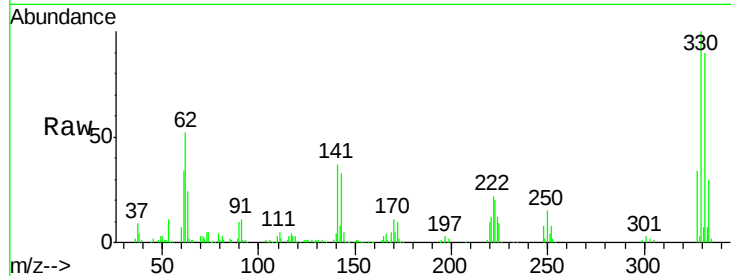




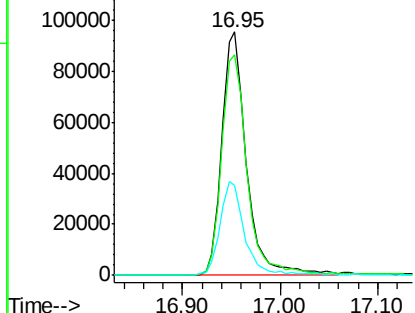
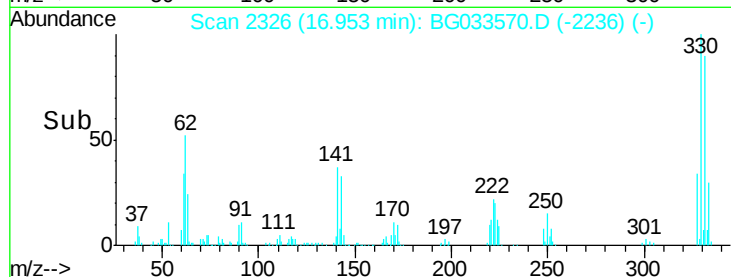
#41
 2,4,6-Tribromophenol
 Concen: 94.145 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033570.D
 Acq: 4 Apr 2018 21:29

Instrument :
 BNA_G
 ClientSampleId :
 PB107912BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.9	77.0	115.6
141	38.2	25.2	37.8#

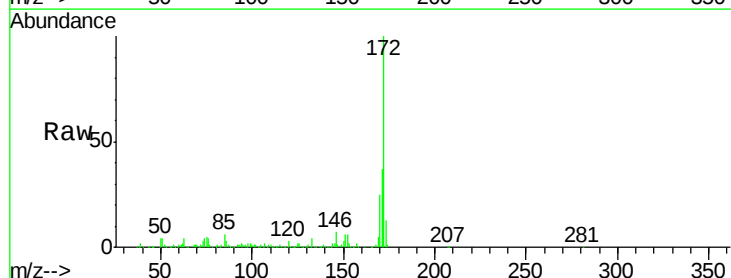


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

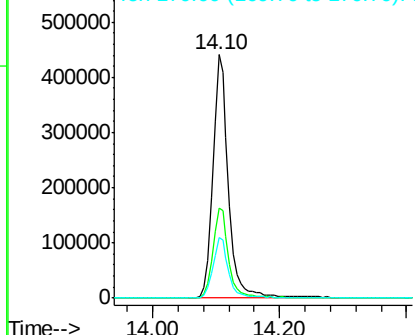
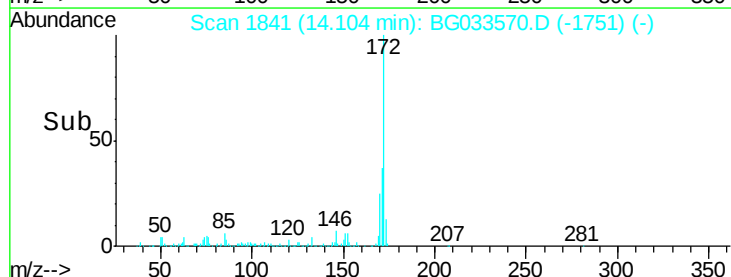


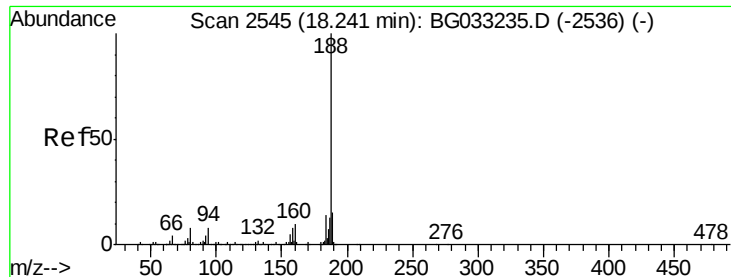
#44
 2-Fluorobiphenyl
 Concen: 93.434 ng
 RT: 14.10 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BG033570.D
 Acq: 4 Apr 2018 21:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	25.0	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

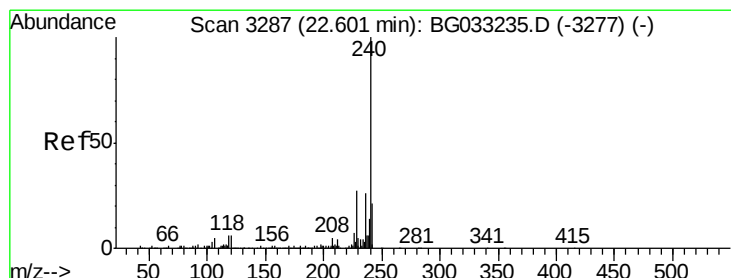
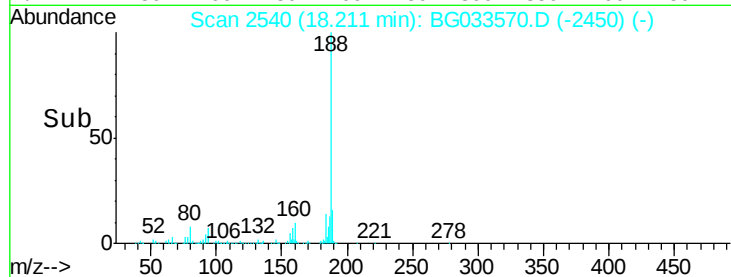
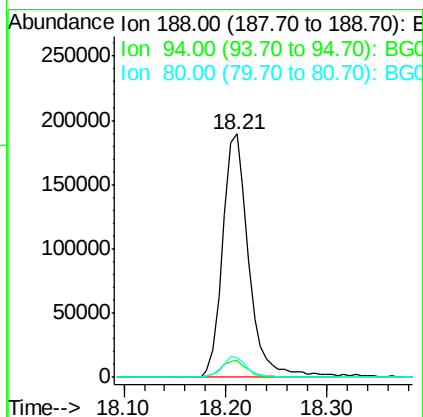
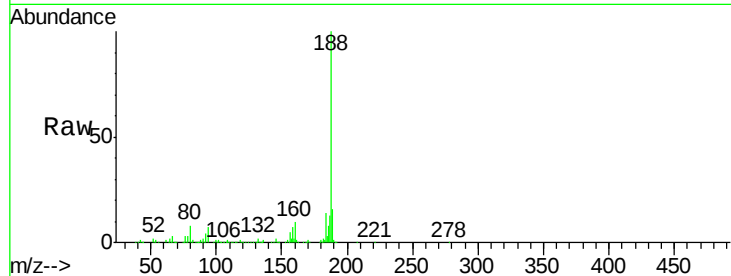




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BG033570.D
Acq: 4 Apr 2018 21:29

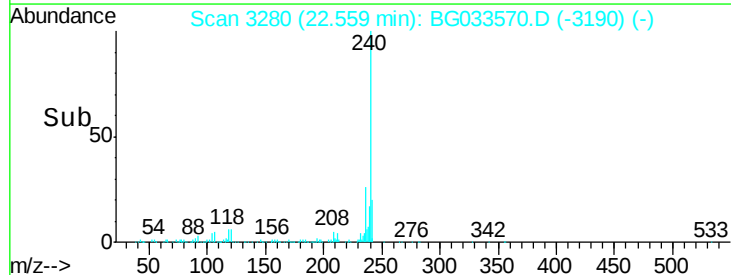
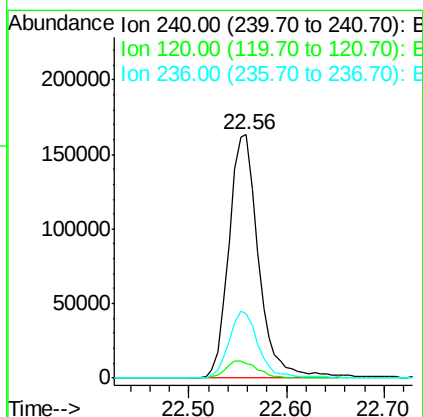
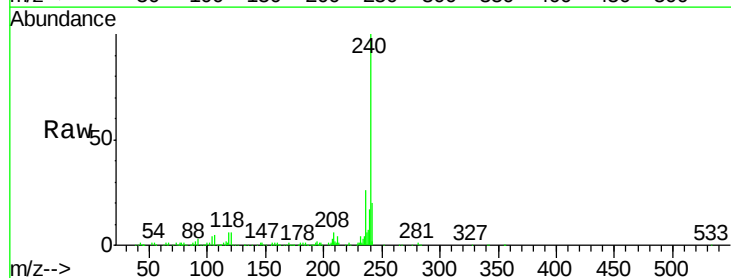
Instrument :
BNA_G
ClientSampleId :
PB107912BL

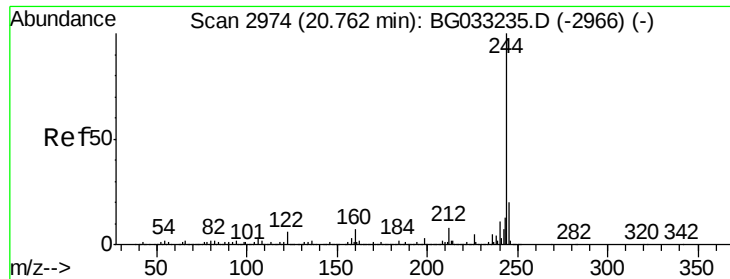
Tot Ion	188	Resp	339073
Ion Ratio	100	Lower	Upper
94	6.8	6.9	10.3#
80	8.1	7.7	11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3280
Delta R.T. -0.00 min
Lab File: BG033570.D
Acq: 4 Apr 2018 21:29

Tgt Ion	240	Resp	345580
Ion Ratio	100	Lower	Upper
120	5.8	6.8	10.2#
236	26.4	20.9	31.3





#78

Terphenyl-d14

Concen: 89.870 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033570.D

Acq: 4 Apr 2018 21:29

Instrument :

BNA_G

ClientSampled :

PB107912BL

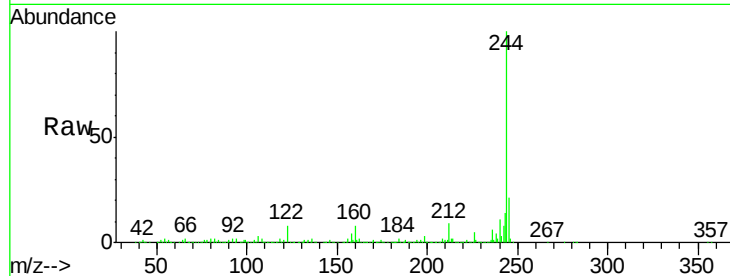
Tot Ion:244 Resp: 1452218

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

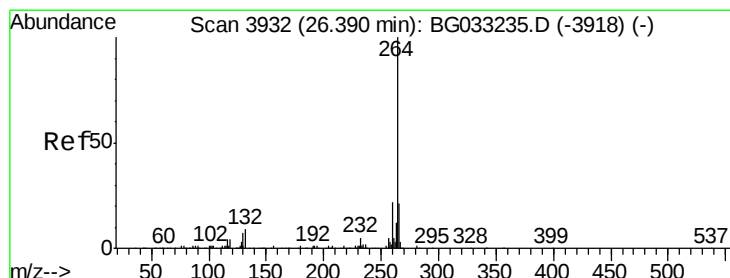
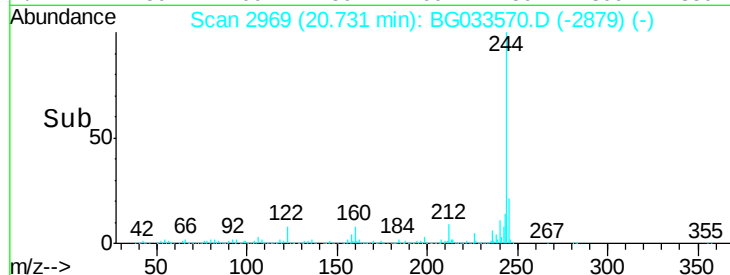
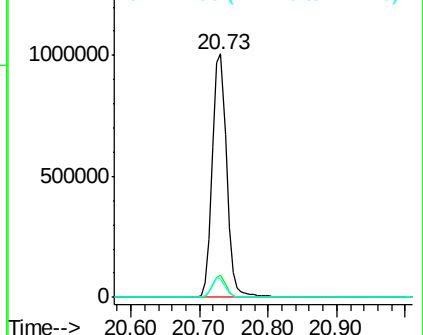
122 7.5 7.0 10.4



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: 26.32 min Scan# 3921

Delta R.T. 0.00 min

Lab File: BG033570.D

Acq: 4 Apr 2018 21:29

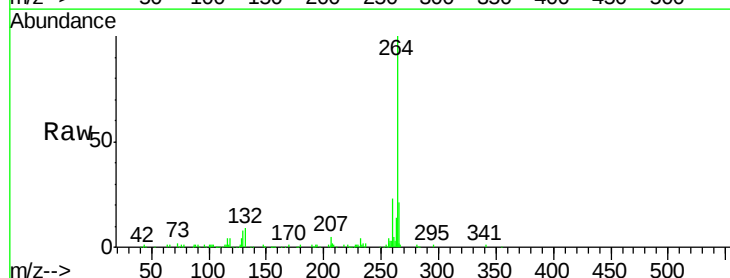
Tgt Ion:264 Resp: 323644

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

265 20.6 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

