

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
 Data File : BG033826.D
 Acq On : 16 Apr 2018 21:15
 Operator : SJ/JU
 Sample : PB108262BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB108262BL

Quant Time: Apr 17 04:45:12 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 11:44:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	25023	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	113680	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	87425	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	250495	20.00	ng	0.00
75) Chrysene-d12	22.55	240	294554	20.00	ng	0.00
86) Perylene-d12	26.31	264	318319	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	150807	113.01	ng	-0.01
7) Phenol-d6	7.99	99	207150	90.34	ng	0.00
23) Nitrobenzene-d5	10.06	82	252064	101.87	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	127087	97.20	ng	0.00
44) 2-Fluorobiphenyl	14.09	172	628337	103.76	ng	0.00
78) Terphenyl-d14	20.72	244	1404507	101.97	ng	0.00

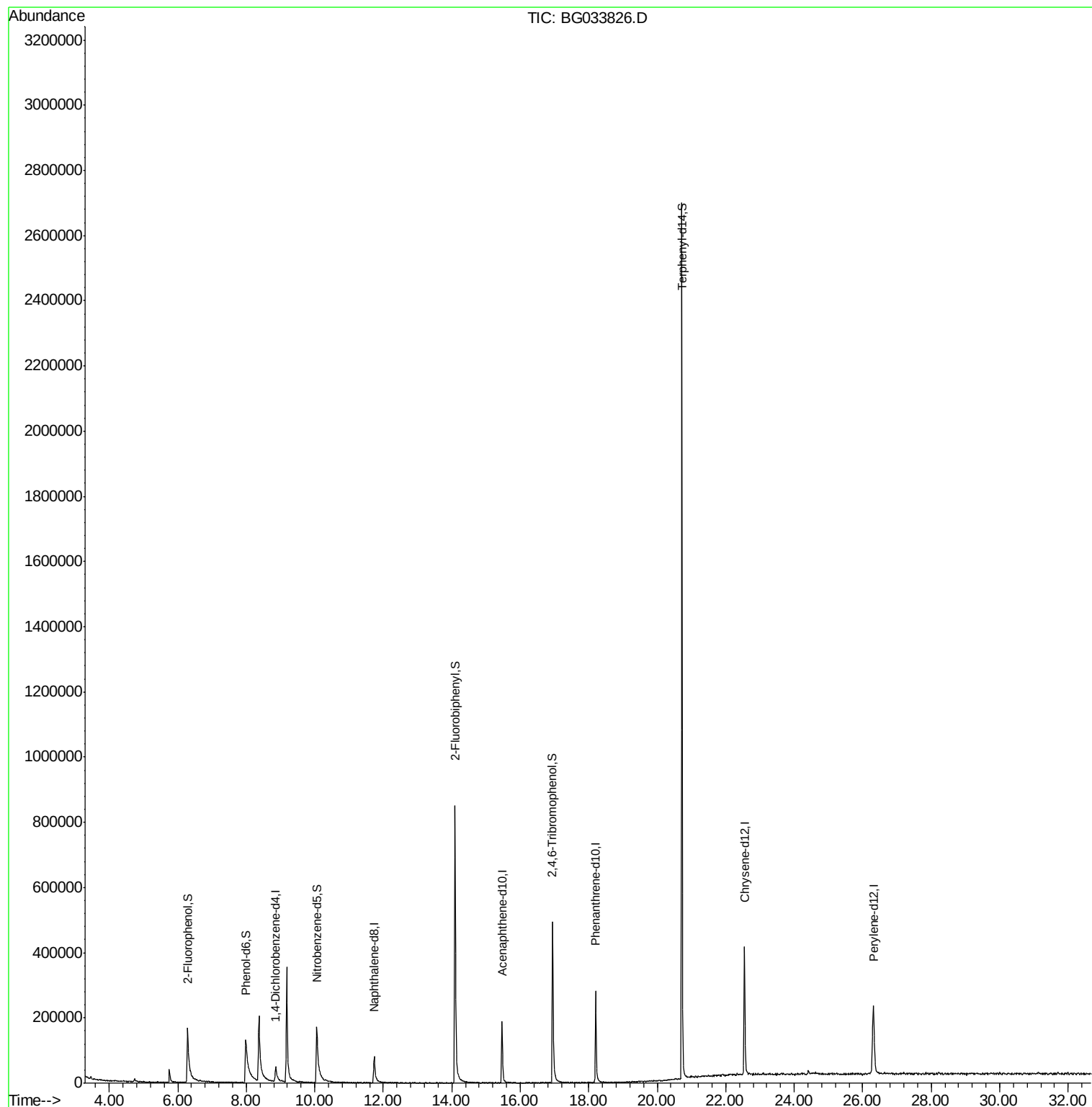
Target Compounds Qvalue

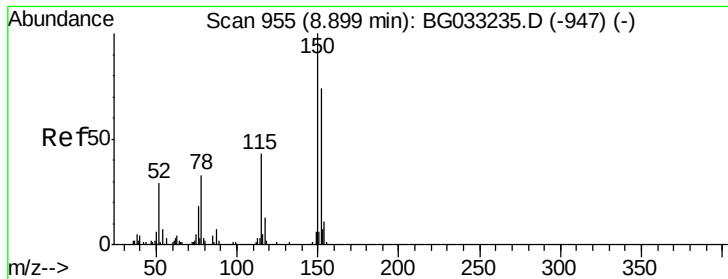
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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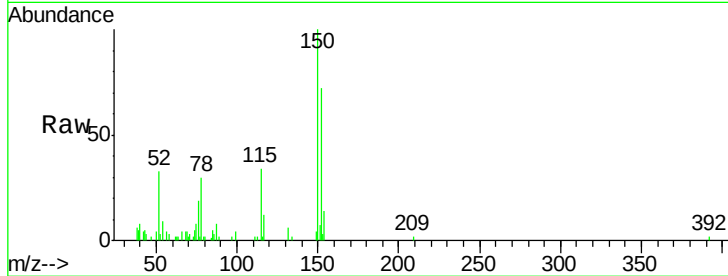


#1

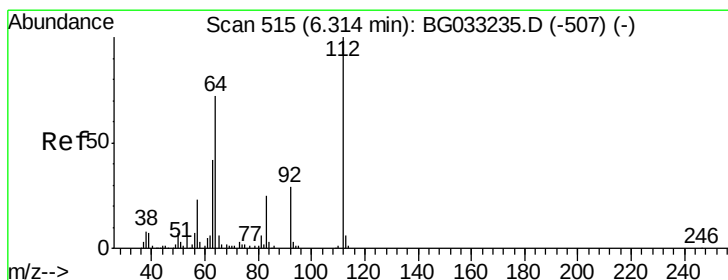
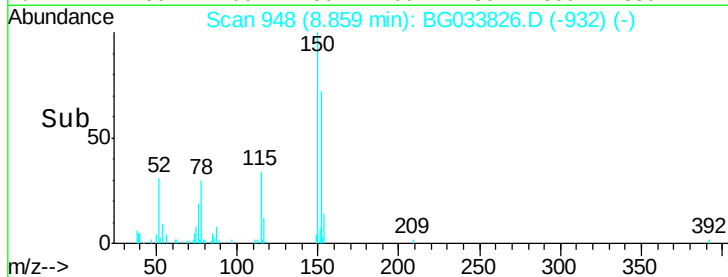
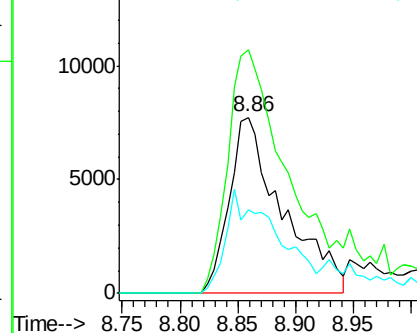
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG033826.D
Acq: 16 Apr 2018 21:15

Instrument :
BNA_G
ClientSampleId :
PB108262BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	138.2	126.6	189.8
115	47.5	53.0	79.4



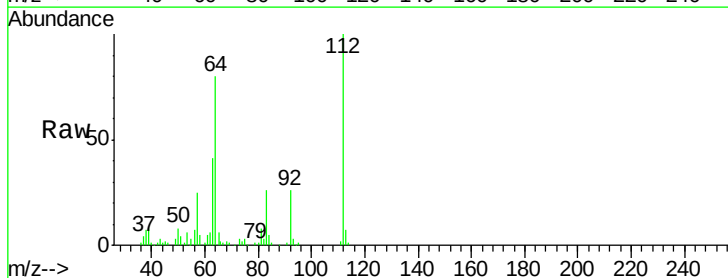
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



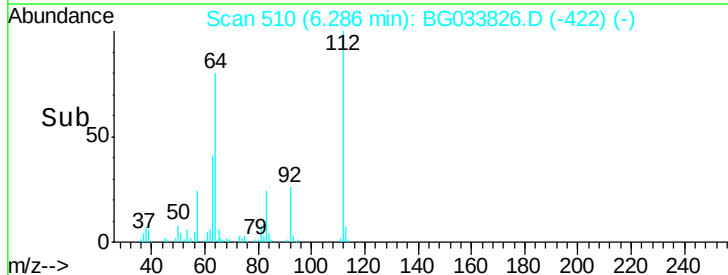
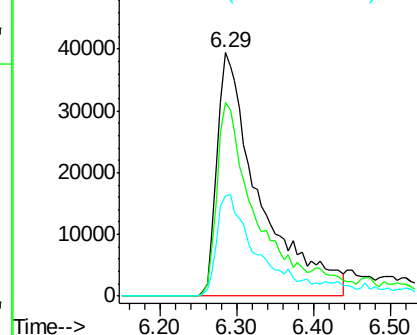
#5

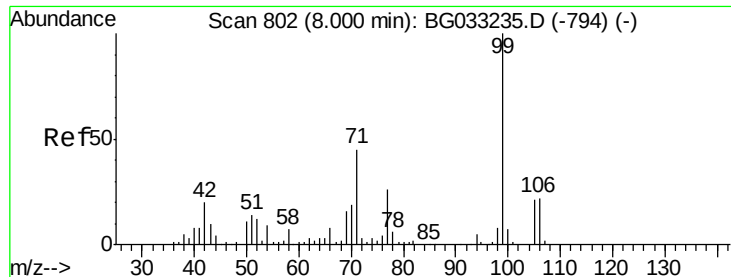
2-Fluorophenol
Concen: 113.009 ng
RT: 6.29 min Scan# 510
Delta R.T. -0.01 min
Lab File: BG033826.D
Acq: 16 Apr 2018 21:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	79.8	56.3	84.5
63	41.4	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: 90.344 ng

RT: 7.99 min Scan# 800

Delta R.T. 0.00 min

Lab File: BG033826.D

Acq: 16 Apr 2018 21:15

Instrument :

BNA_G

ClientSampled :

PB108262BL

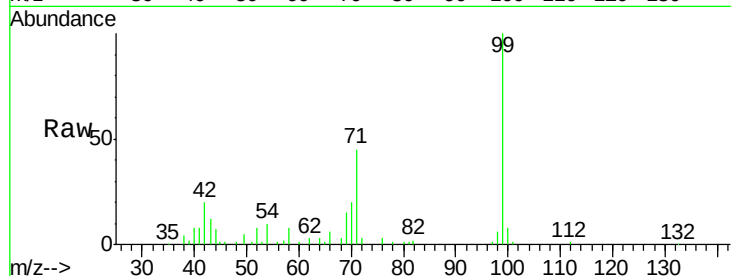
Tot Ion: 99 Resp: 207150

Ion Ratio Lower Upper

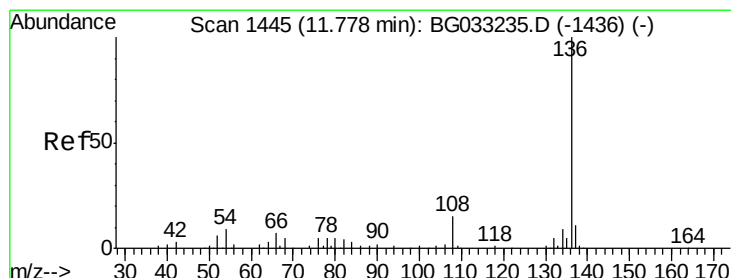
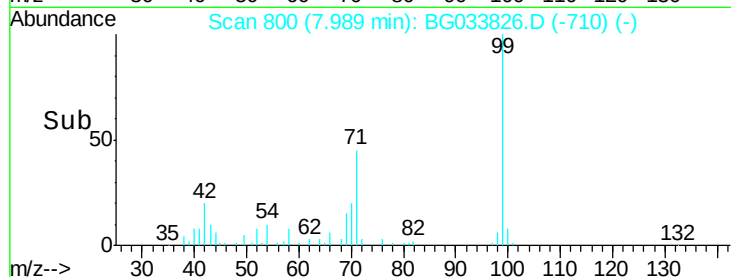
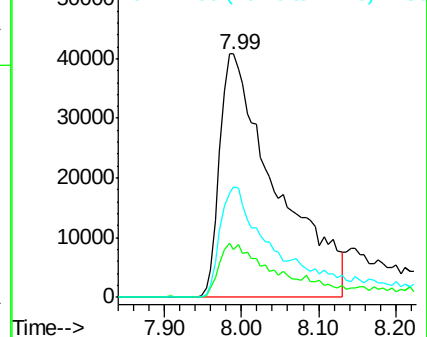
99 100

42 19.8 14.1 21.1

71 45.1 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: 11.74 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BG033826.D

Acq: 16 Apr 2018 21:15

Tgt Ion: 136 Resp: 113680

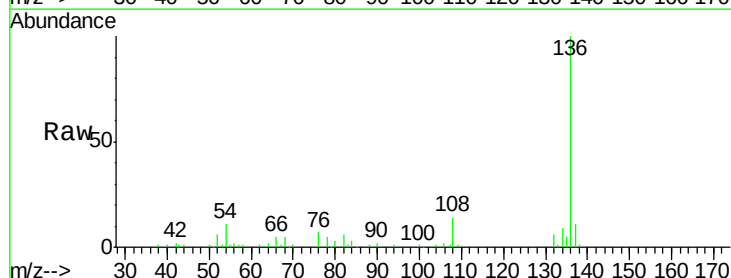
Ion Ratio Lower Upper

136 100

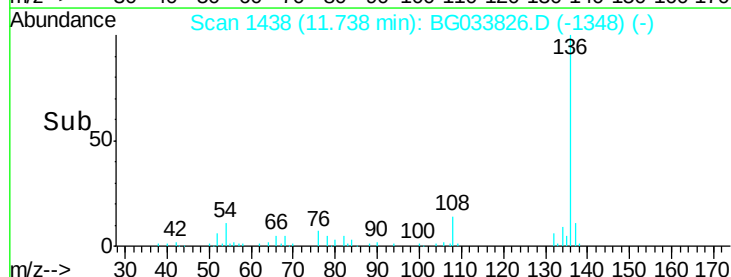
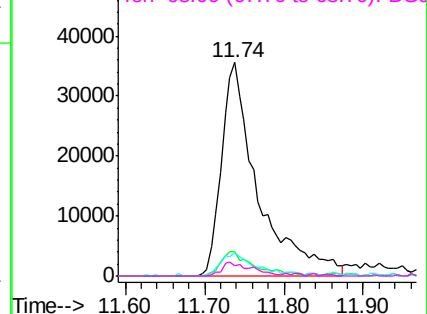
137 11.4 9.2 13.8

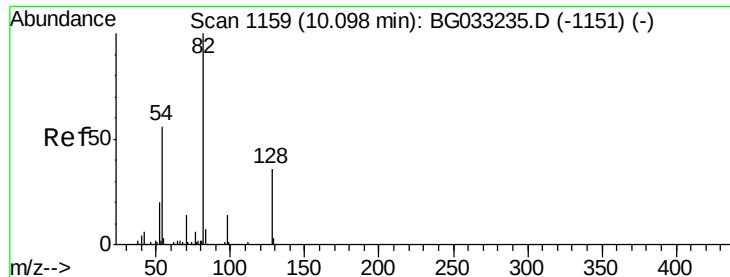
54 11.1 10.3 15.5

68 5.1 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: 101.872 ng

RT: 10.06 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BG033826.D

Acq: 16 Apr 2018 21:15

Instrument :

BNA_G

ClientSampleId :

PB108262BL

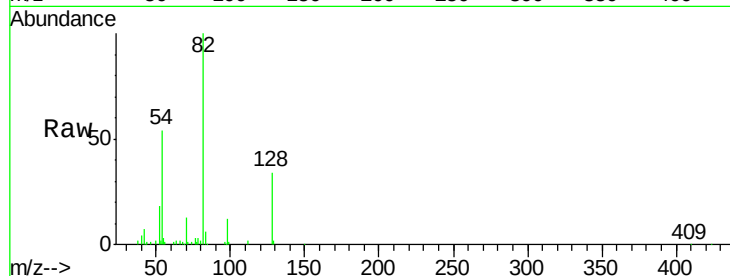
Tot Ion: 82 Resp: 252064

Ion Ratio Lower Upper

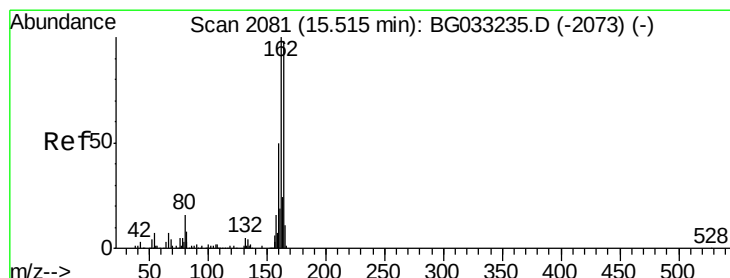
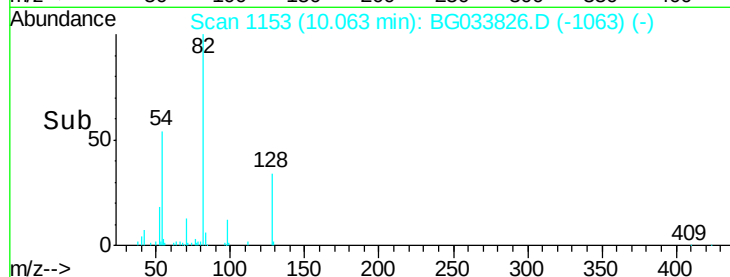
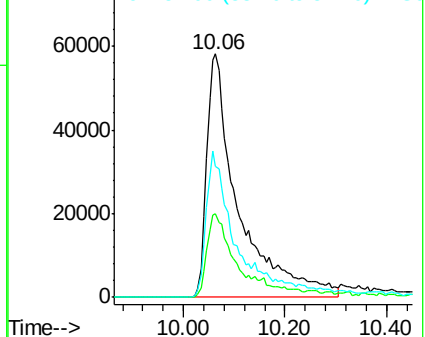
82 100

128 34.3 29.7 44.5

54 53.6 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. -0.01 min

Lab File: BG033826.D

Acq: 16 Apr 2018 21:15

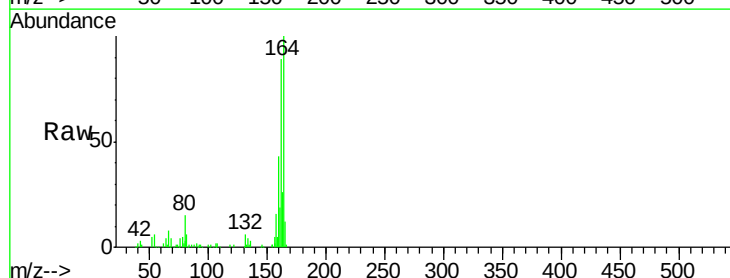
Tgt Ion: 164 Resp: 87425

Ion Ratio Lower Upper

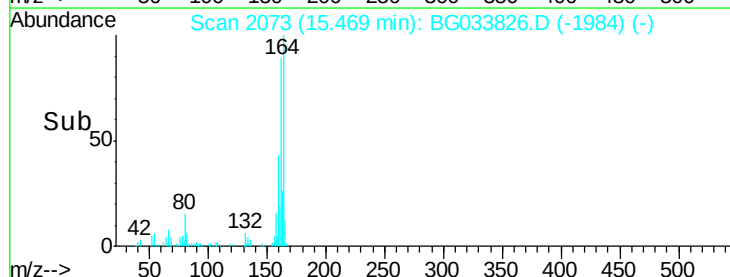
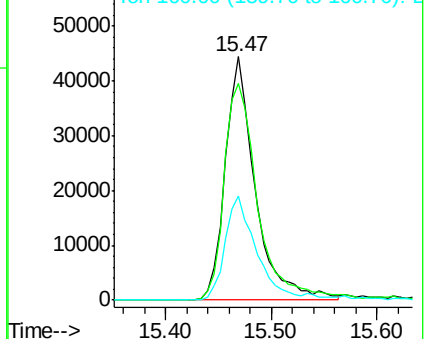
164 100

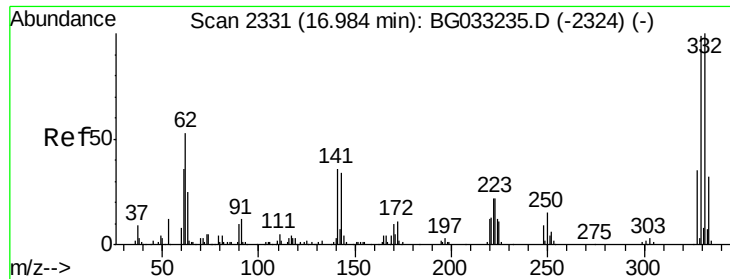
162 88.9 78.8 118.2

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

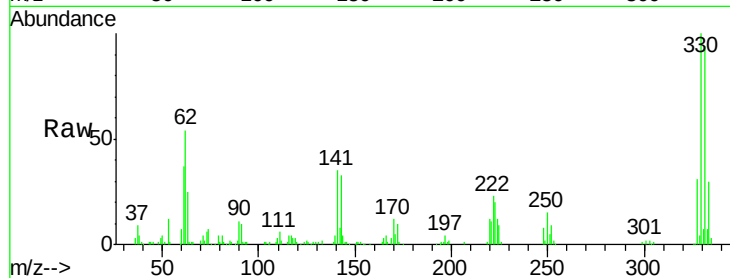




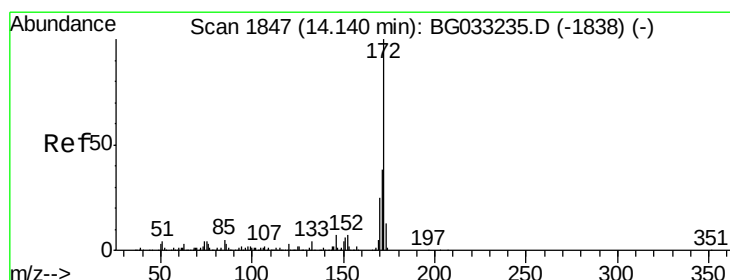
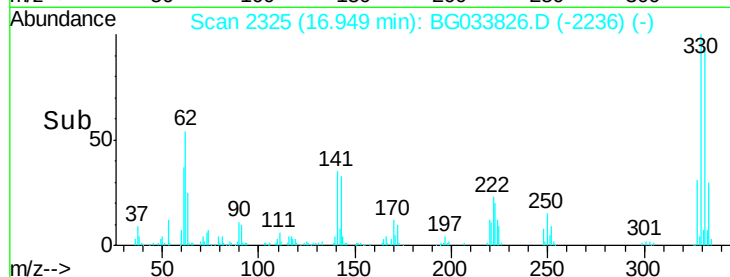
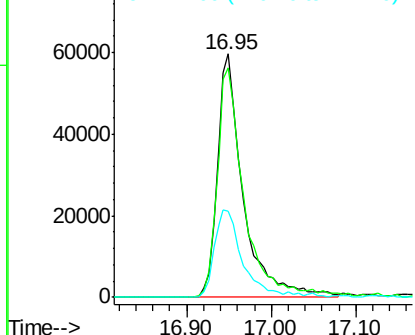
#41
 2,4,6-Tribromophenol
 Concen: 97.195 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BG033826.D
 Acq: 16 Apr 2018 21:15

Instrument :
 BNA_G
 ClientSampleId :
 PB108262BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.2	77.0	115.6
141	38.3	25.2	37.8#

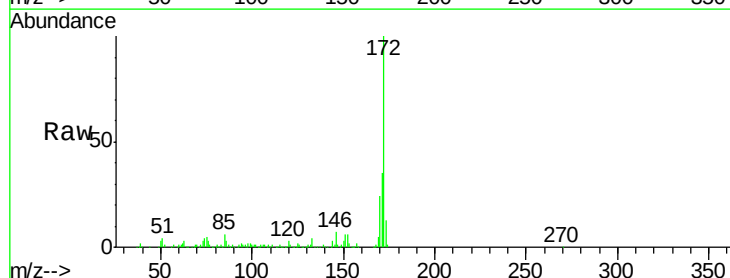


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

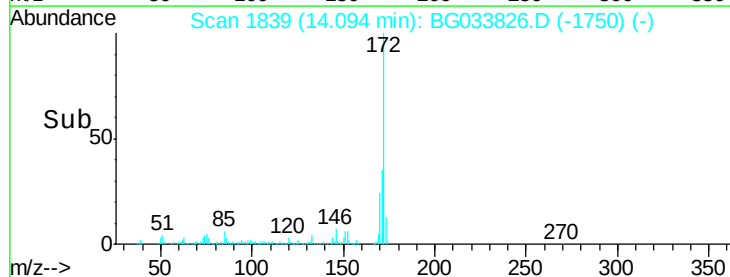
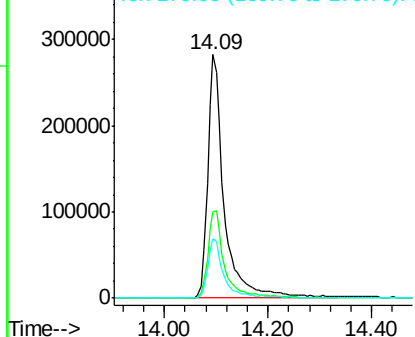


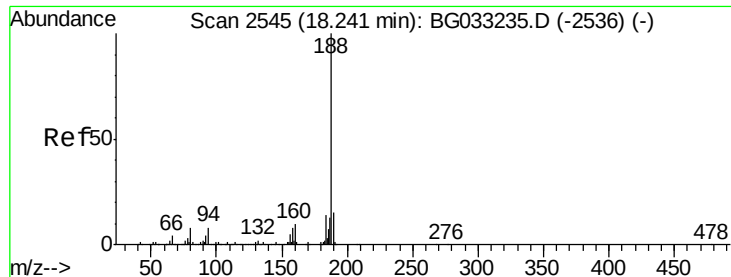
#44
 2-Fluorobiphenyl
 Concen: 103.756 ng
 RT: 14.09 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BG033826.D
 Acq: 16 Apr 2018 21:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	30.0	45.0
170	24.4	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: BG033826.D

Acq: 16 Apr 2018 21:15

Instrument :

BNA_G

ClientSampleId :

PB108262BL

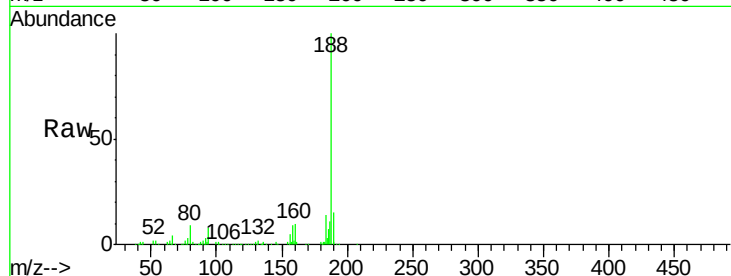
Tot Ion:188 Resp: 250495

Ion Ratio Lower Upper

188 100

94 7.6 6.9 10.3

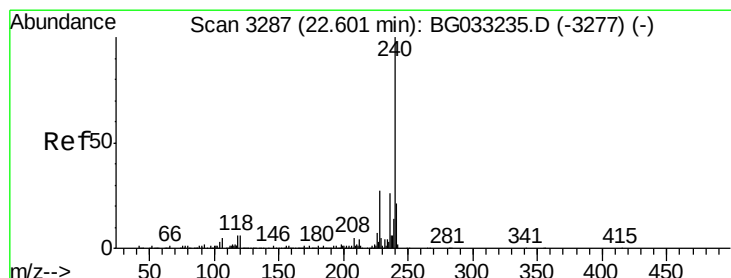
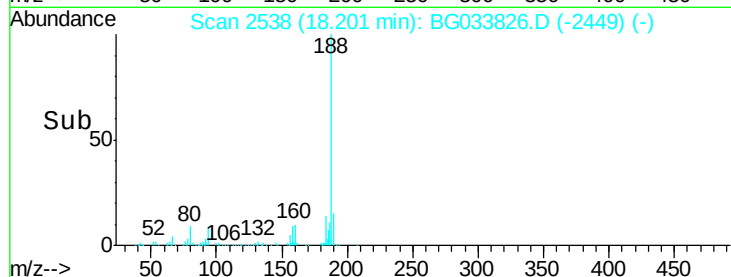
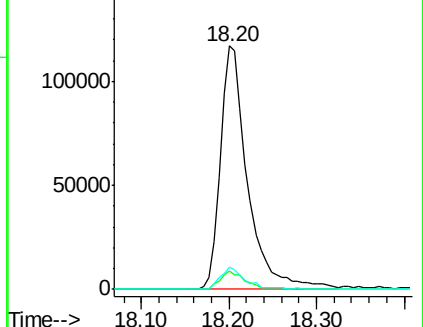
80 9.1 7.7 11.5



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: BG033826.D

Acq: 16 Apr 2018 21:15

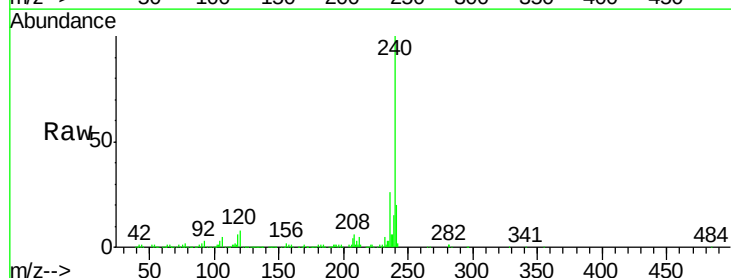
Tgt Ion:240 Resp: 294554

Ion Ratio Lower Upper

240 100

120 7.5 6.8 10.2

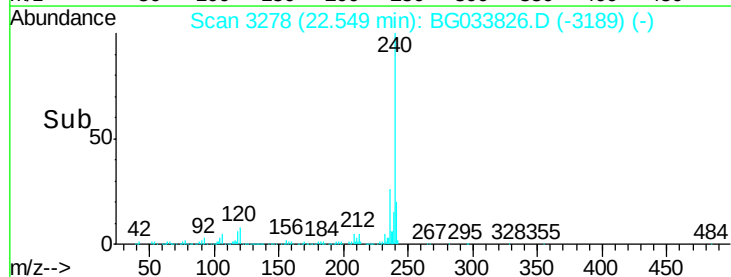
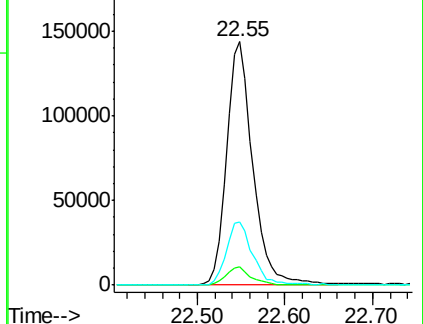
236 26.1 20.9 31.3

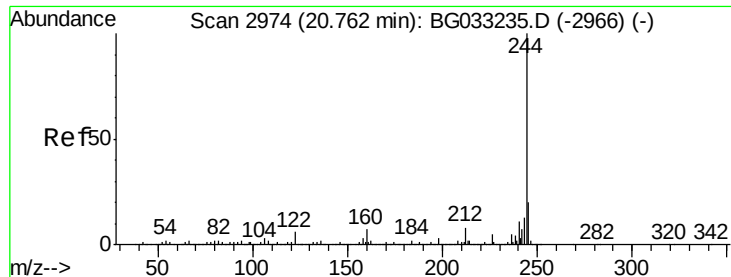


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 101.974 ng

RT: 20.72 min Scan# 2967

Delta R.T. -0.01 min

Lab File: BG033826.D

Acq: 16 Apr 2018 21:15

Instrument :

BNA_G

ClientSampleId :

PB108262BL

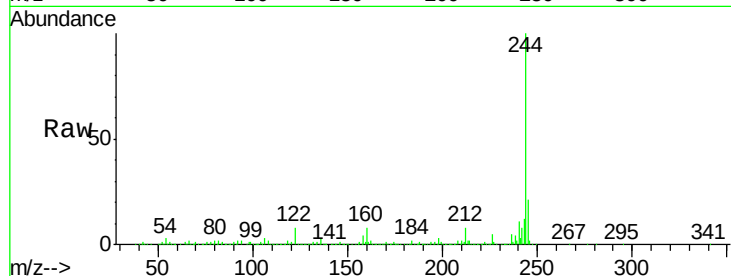
Tot Ion:244 Resp: 1404507

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

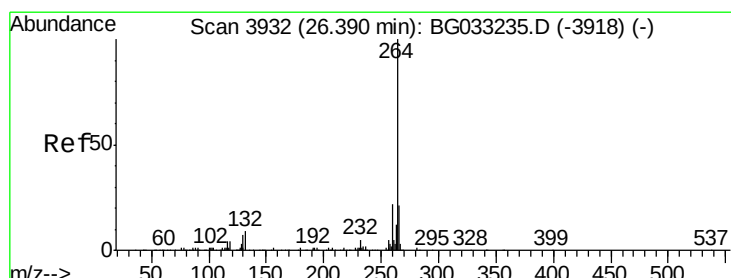
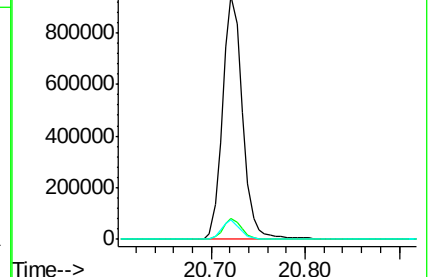
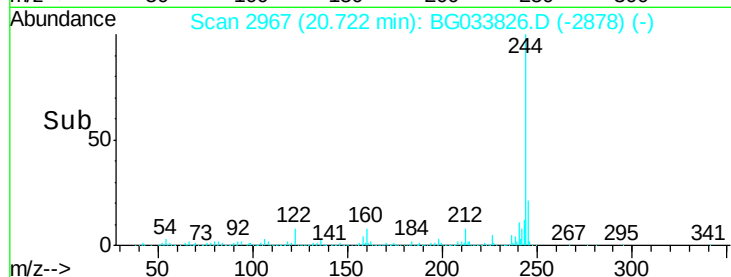
122 7.9 7.0 10.4



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: 26.31 min Scan# 3919

Delta R.T. -0.01 min

Lab File: BG033826.D

Acq: 16 Apr 2018 21:15

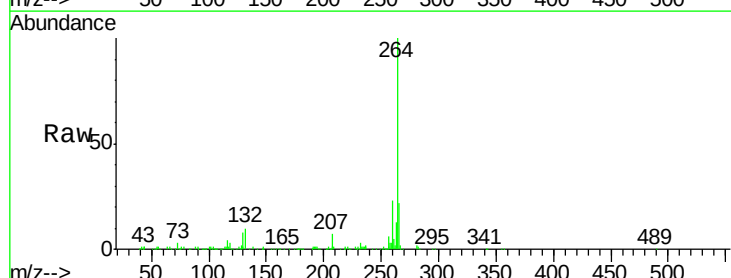
Tgt Ion:264 Resp: 318319

Ion Ratio Lower Upper

264 100

260 23.1 17.4 26.0

265 22.2 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

