

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022718\
 Data File : BG032886.D
 Acq On : 28 Feb 2018 11:33
 Operator : SJ/JU
 Sample : PB106883BL
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106883BL

Quant Time: Feb 28 12:40:41 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 17:50:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	75083	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	324487	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	178839	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	400289	20.00	ng	0.00
75) Chrysene-d12	22.61	240	357932	20.00	ng	-0.02
86) Perylene-d12	26.42	264	327678	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	522873	111.41	ng	0.00
7) Phenol-d6	8.02	99	686409	104.93	ng	0.00
23) Nitrobenzene-d5	10.12	82	384167	82.49	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	201025	106.90	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	895059	72.18	ng	-0.01
78) Terphenyl-d14	20.78	244	1225451	76.92	ng	-0.01

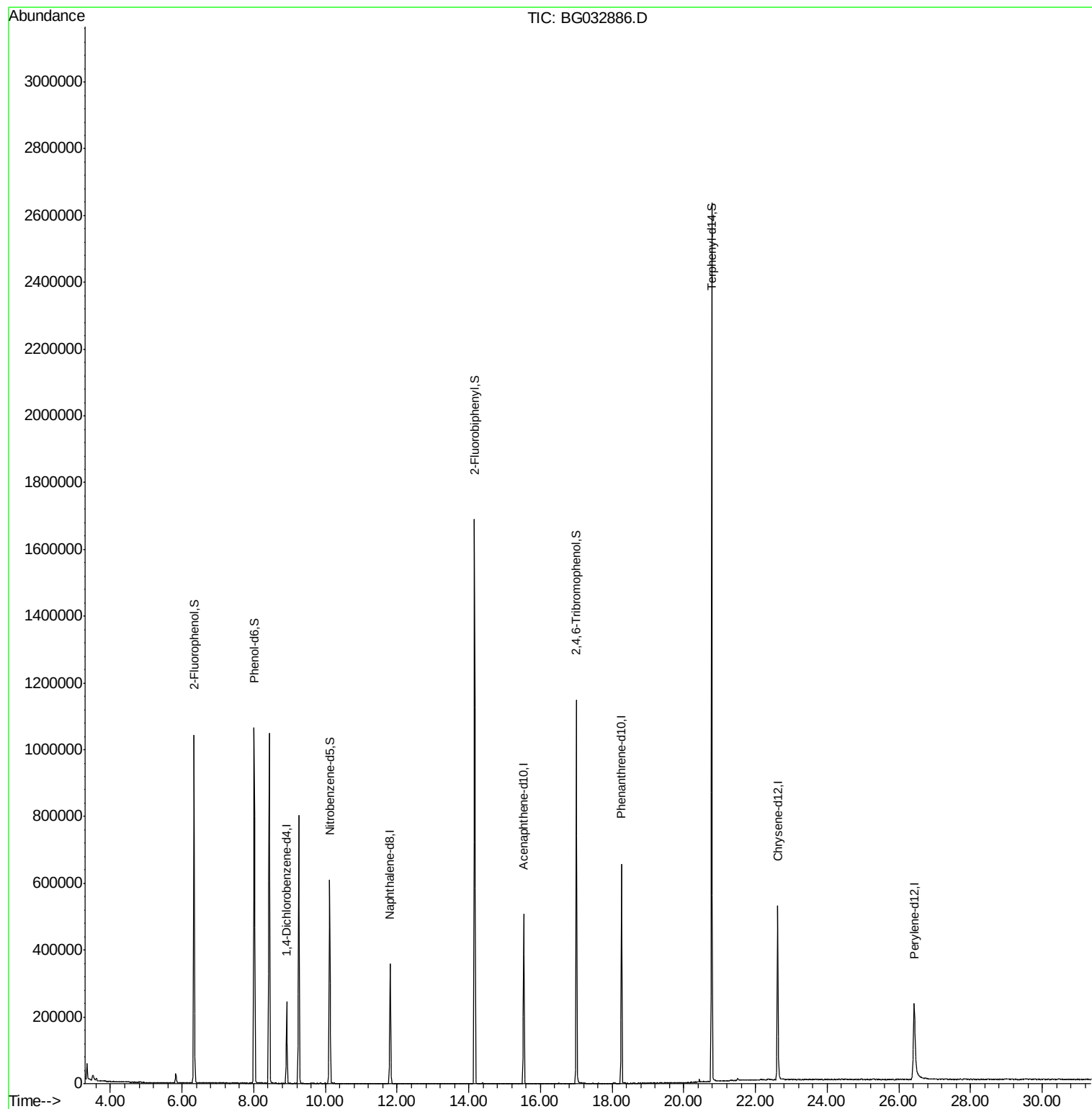
Target Compounds Qvalue

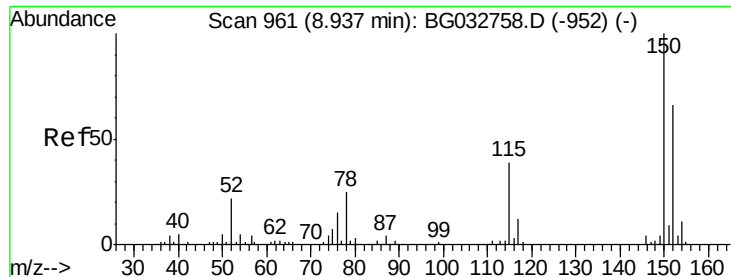
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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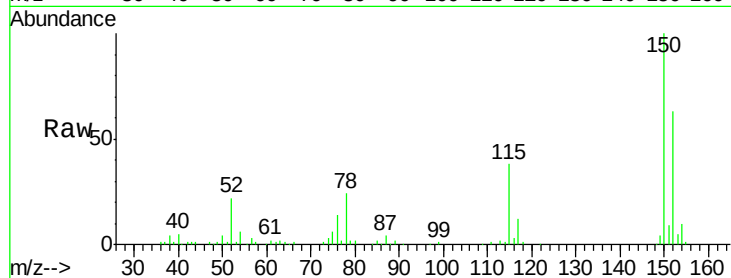


#1

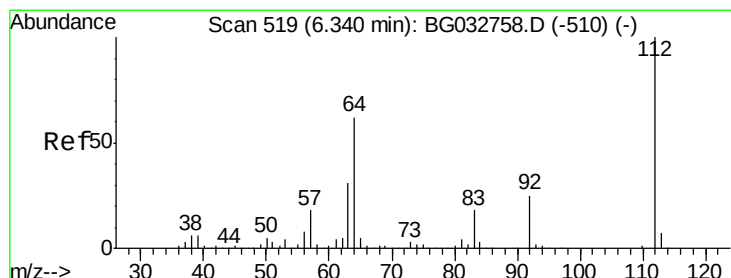
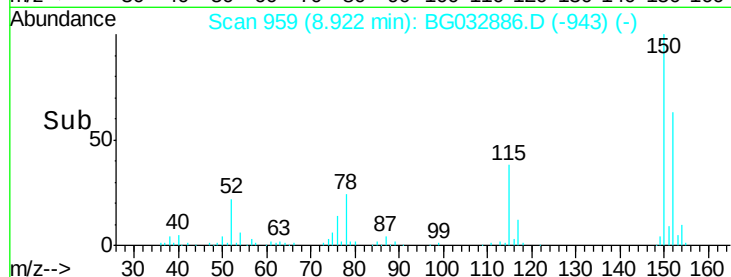
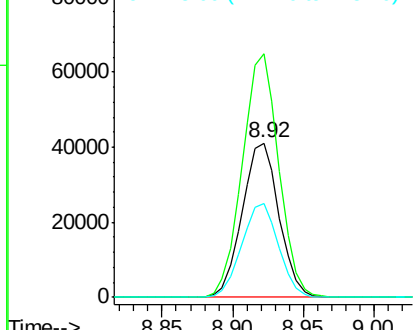
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG032886.D
Acq: 28 Feb 2018 11:33

Instrument :
BNA_G
ClientSampleId :
PB106883BL

Tot Ion:152 Resp: 75083
Ion Ratio Lower Upper
152 100
150 157.7 126.6 189.8
115 60.7 53.0 79.4



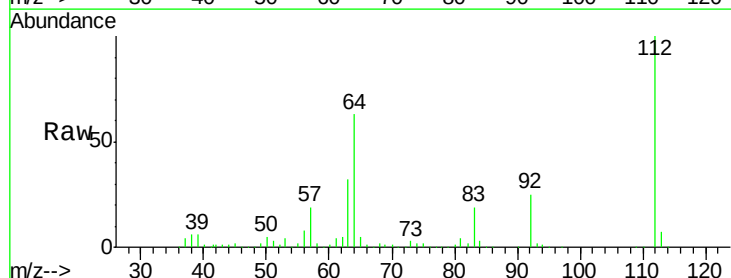
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



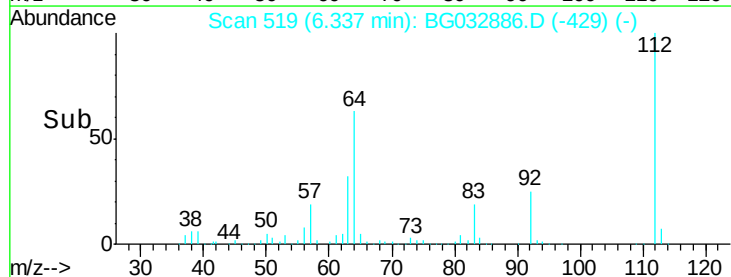
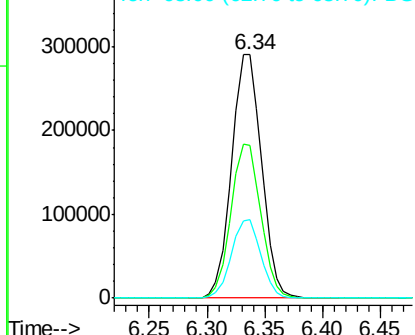
#5

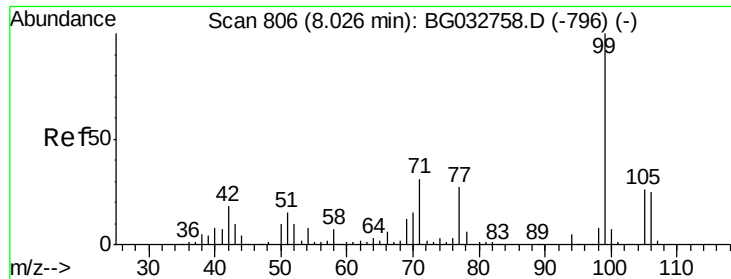
2-Fluorophenol
Concen: 111.413 ng
RT: 6.34 min Scan# 519
Delta R.T. 0.00 min
Lab File: BG032886.D
Acq: 28 Feb 2018 11:33

Tgt Ion:112 Resp: 522873
Ion Ratio Lower Upper
112 100
64 62.8 56.3 84.5
63 32.1 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: 104.931 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.00 min

Lab File: BG032886.D

Acq: 28 Feb 2018 11:33

Instrument :

BNA_G

ClientSampleId :

PB106883BL

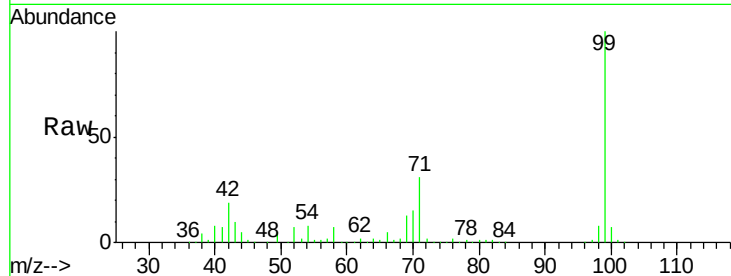
Tot Ion: 99 Resp: 686409

Ion Ratio Lower Upper

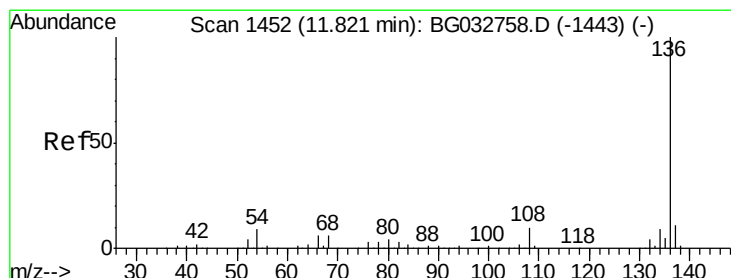
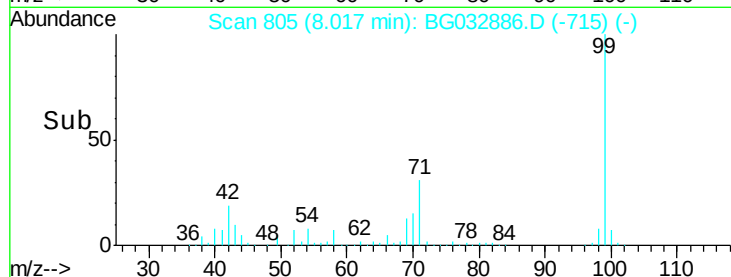
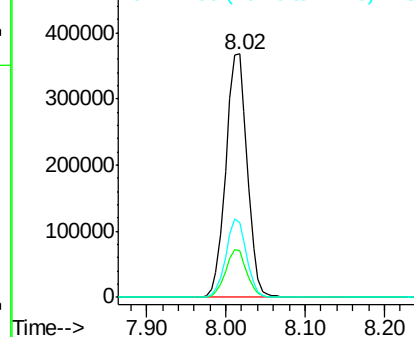
99 100

42 19.0 14.1 21.1

71 30.8 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: 11.81 min Scan# 1450

Delta R.T. -0.00 min

Lab File: BG032886.D

Acq: 28 Feb 2018 11:33

Tgt Ion: 136 Resp: 324487

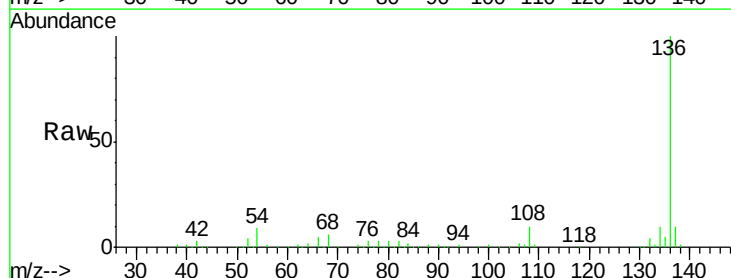
Ion Ratio Lower Upper

136 100

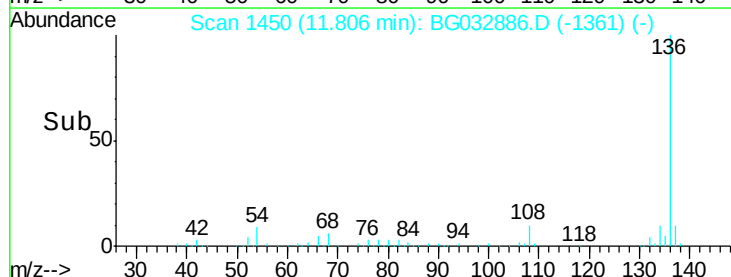
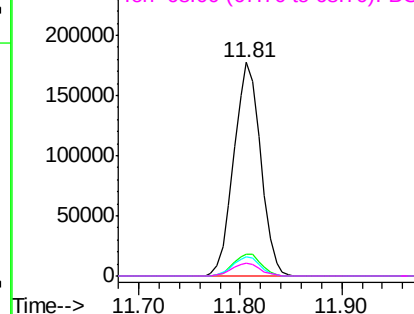
137 10.3 9.2 13.8

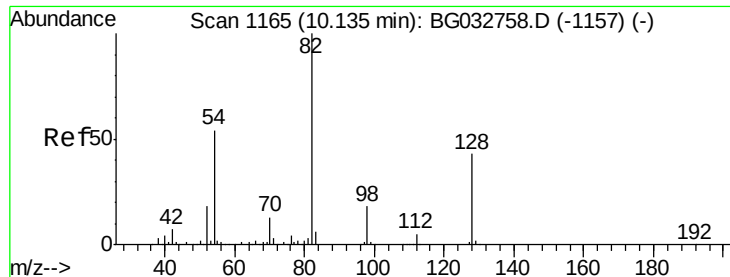
54 9.1 10.3 15.5#

68 6.3 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: 82.490 ng

RT: 10.12 min Scan# 1163

Delta R.T. -0.00 min

Lab File: BG032886.D

Acq: 28 Feb 2018 11:33

Instrument :

BNA_G

ClientSampleId :

PB106883BL

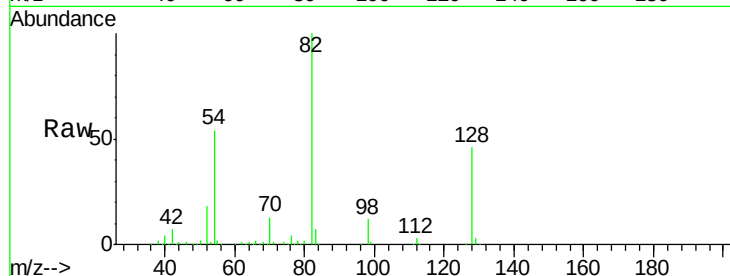
Tot Ion: 82 Resp: 384167

Ion Ratio Lower Upper

82 100

128 45.8 29.7 44.5#

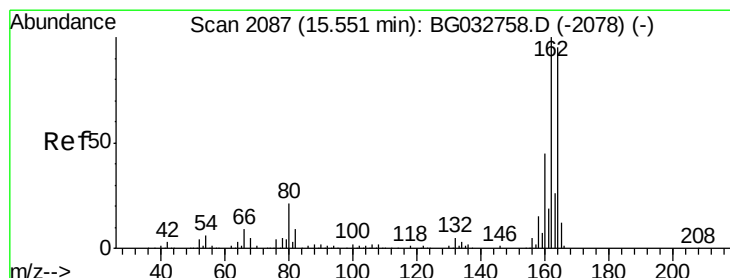
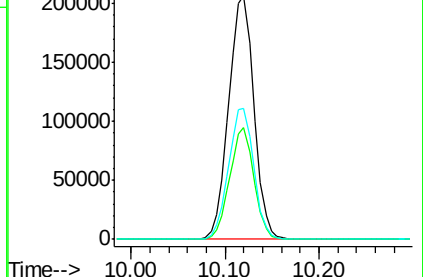
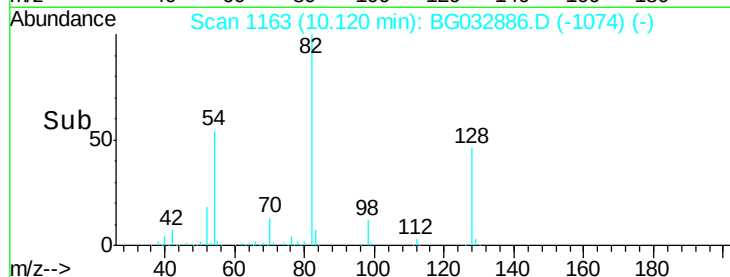
54 53.8 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BG032886.D (-1074) (-)

Ion 128.00 (127.70 to 128.70): BG032886.D (-1074) (-)

Ion 54.00 (53.70 to 54.70): BG032886.D (-1074) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.54 min Scan# 2085

Delta R.T. -0.00 min

Lab File: BG032886.D

Acq: 28 Feb 2018 11:33

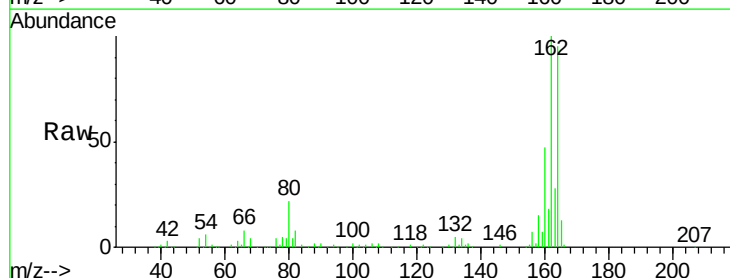
Tgt Ion:164 Resp: 178839

Ion Ratio Lower Upper

164 100

162 104.8 78.8 118.2

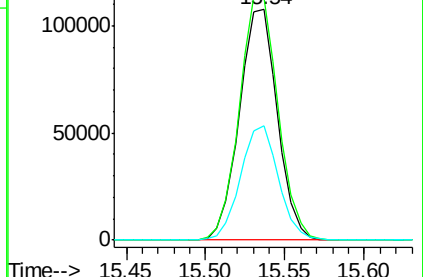
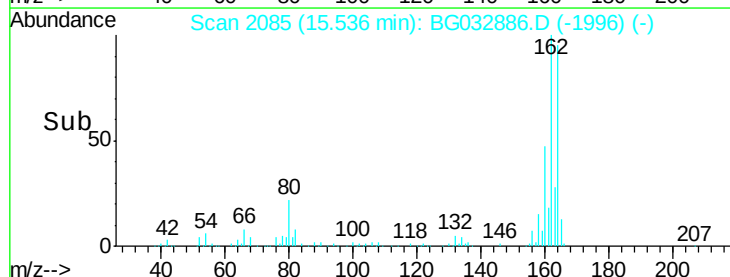
160 49.7 35.4 53.0

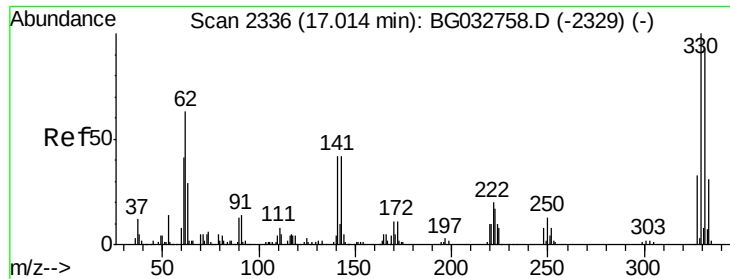


Abundance Ion 164.00 (163.70 to 164.70): BG032886.D (-1996) (-)

Ion 162.00 (161.70 to 162.70): BG032886.D (-1996) (-)

Ion 160.00 (159.70 to 160.70): BG032886.D (-1996) (-)

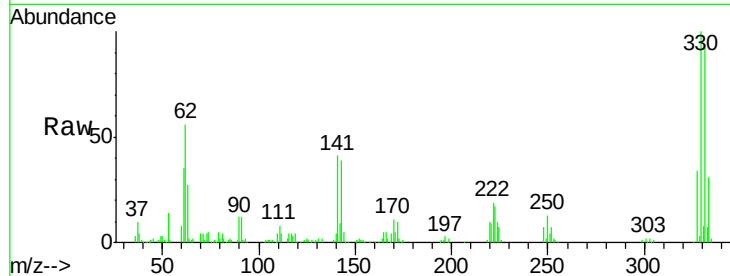




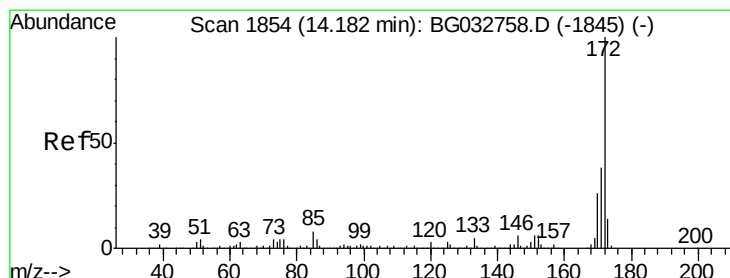
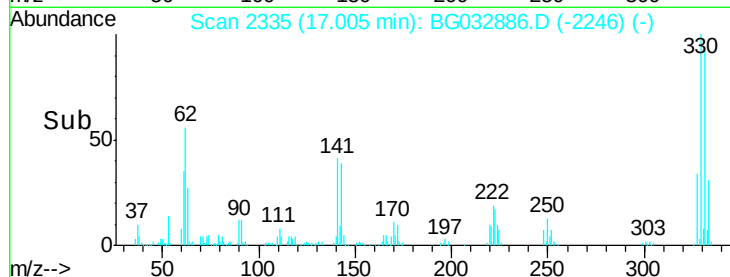
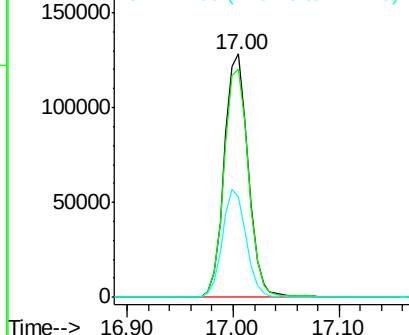
#41
 2,4,6-Tribromophenol
 Concen: 106.904 ng
 RT: 17.00 min Scan# 2335
 Delta R.T. -0.00 min
 Lab File: BG032886.D
 Acq: 28 Feb 2018 11:33

Instrument :
 BNA_G
 ClientSampleId :
 PB106883BL

Tot Ion:330 Resp: 201025
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 44.1 25.2 37.8#

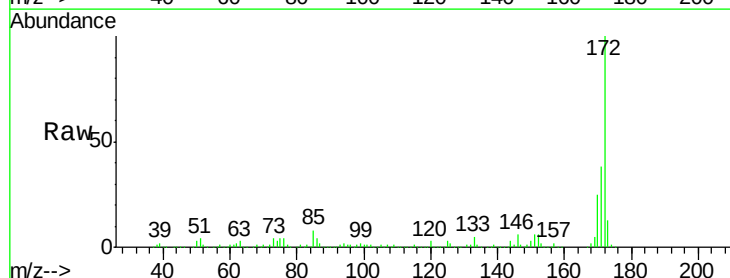


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

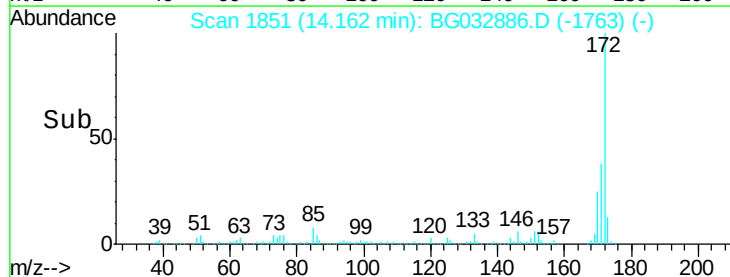
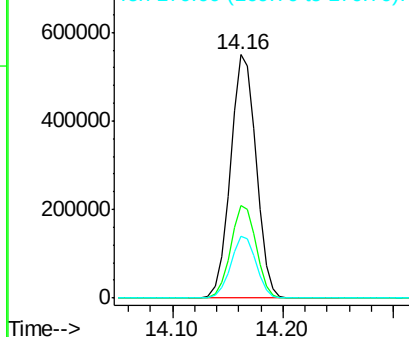


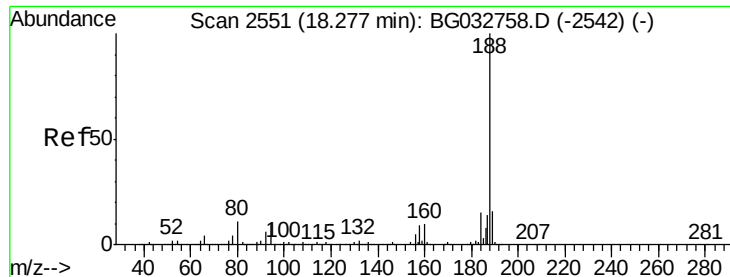
#44
 2-Fluorobiphenyl
 Concen: 72.182 ng
 RT: 14.16 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BG032886.D
 Acq: 28 Feb 2018 11:33

Tgt Ion:172 Resp: 895059
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.0 45.0
 170 25.3 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: 18.26 min Scan# 2549

Delta R.T. -0.00 min

Lab File: BG032886.D

Acq: 28 Feb 2018 11:33

Instrument :

BNA_G

ClientSampleId :

PB106883BL

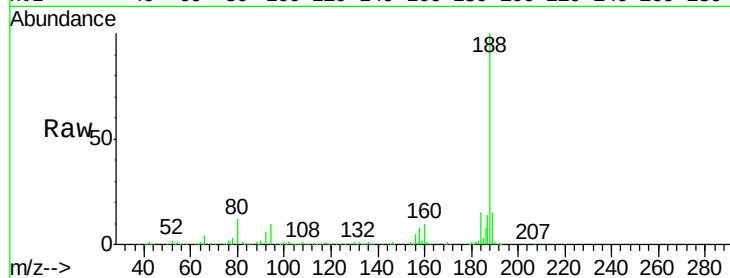
Tot Ion:188 Resp: 400289

Ion Ratio Lower Upper

188 100

94 10.1 6.9 10.3

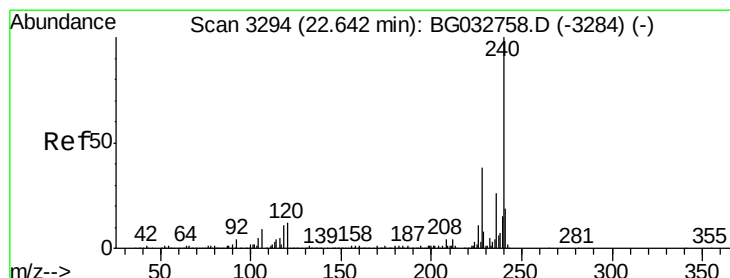
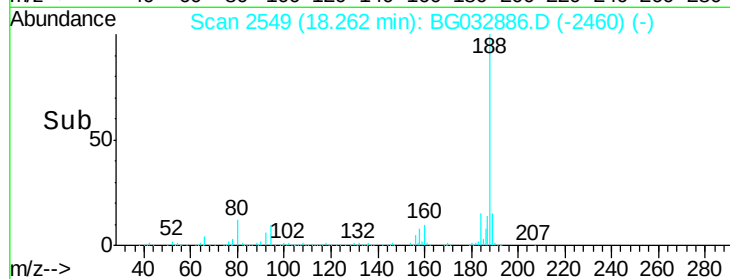
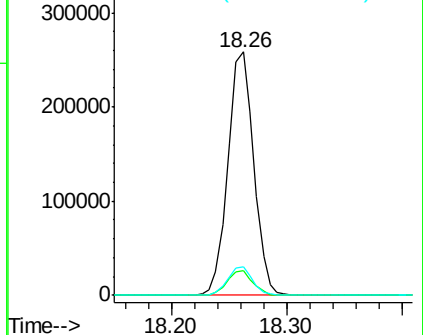
80 12.0 7.7 11.5#



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: 22.61 min Scan# 3290

Delta R.T. -0.02 min

Lab File: BG032886.D

Acq: 28 Feb 2018 11:33

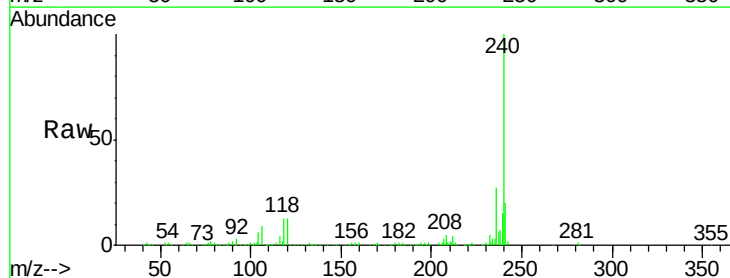
Tgt Ion:240 Resp: 357932

Ion Ratio Lower Upper

240 100

120 13.3 6.8 10.2#

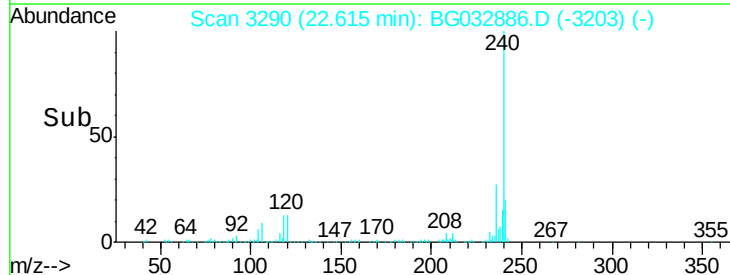
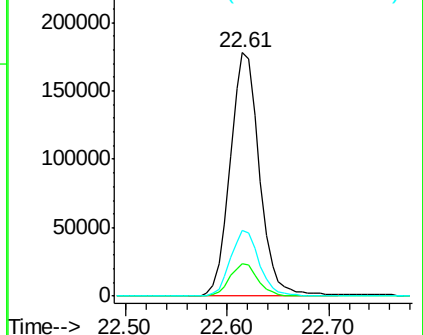
236 26.9 20.9 31.3

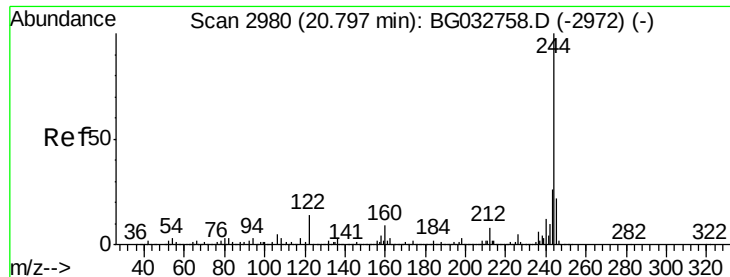


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 76.921 ng

RT: 20.78 min Scan# 2977

Delta R.T. -0.01 min

Lab File: BG032886.D

Acq: 28 Feb 2018 11:33

Instrument :

BNA_G

ClientSampled :

PB106883BL

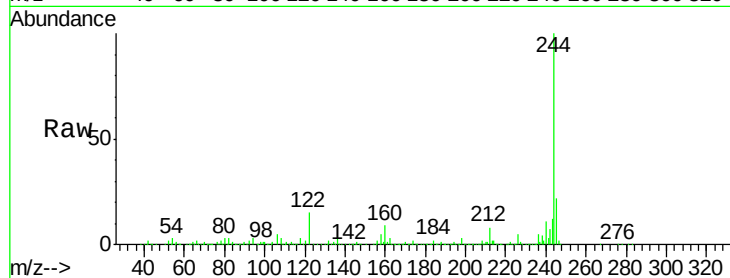
Tot Ion:244 Resp: 1225451

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

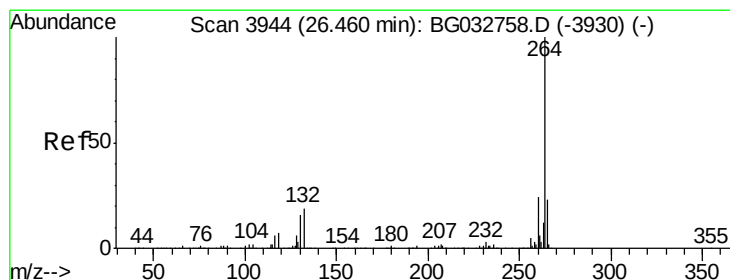
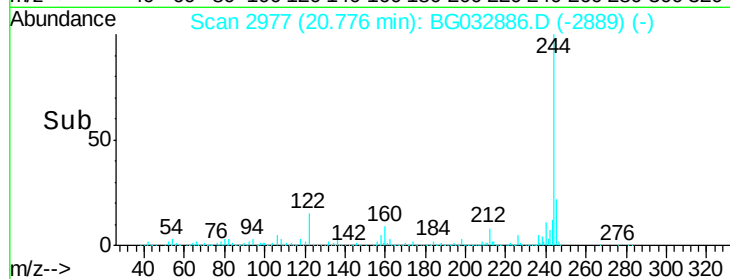
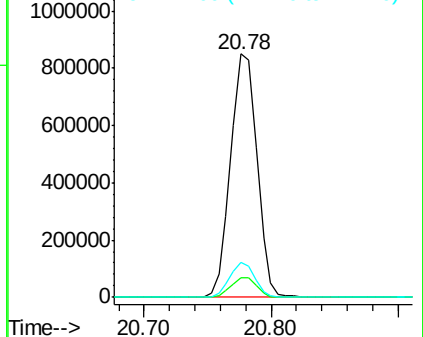
122 14.6 7.0 10.4#



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: 26.42 min Scan# 3938

Delta R.T. -0.02 min

Lab File: BG032886.D

Acq: 28 Feb 2018 11:33

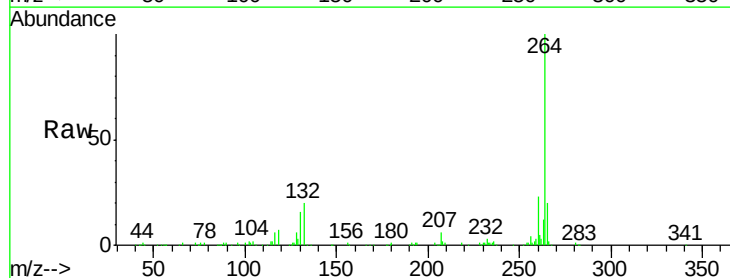
Tgt Ion:264 Resp: 327678

Ion Ratio Lower Upper

264 100

260 22.7 17.4 26.0

265 20.0 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

