

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022718\
 Data File : BG032858.D
 Acq On : 27 Feb 2018 17:18
 Operator : SJ/JU
 Sample : PB106878BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106878BL

Quant Time: Feb 28 03:02:11 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	71258	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	306253	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	170298	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	395970	20.00	ng	0.00
75) Chrysene-d12	22.61	240	371383	20.00	ng	-0.02
86) Perylene-d12	26.43	264	382395	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	376304	84.49	ng	0.00
7) Phenol-d6	8.01	99	495354	79.79	ng	0.00
23) Nitrobenzene-d5	10.12	82	397901	89.56	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	125557	70.12	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	914957	77.49	ng	0.00
78) Terphenyl-d14	20.78	244	1258777	76.15	ng	0.00

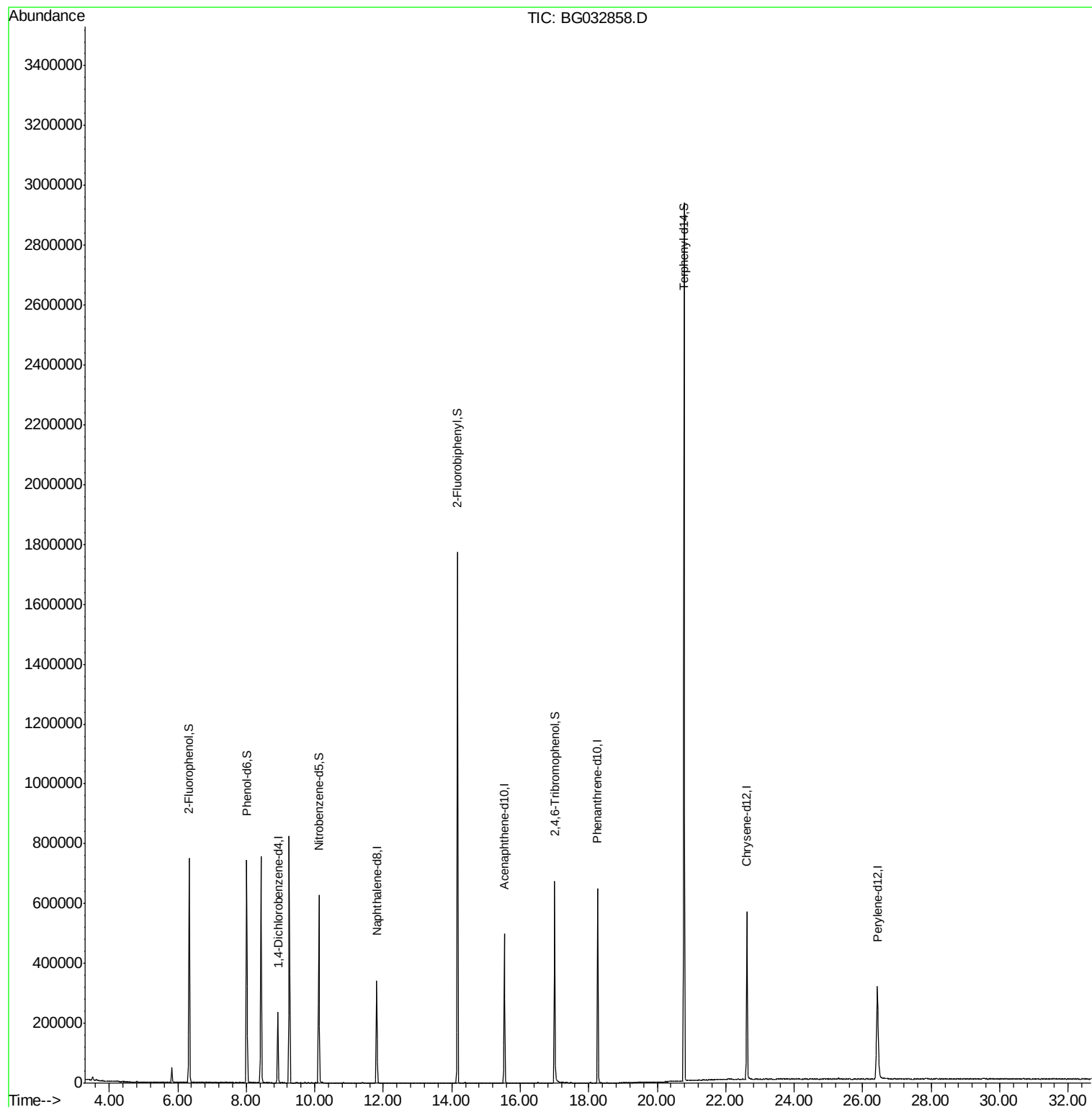
Target Compounds Qvalue

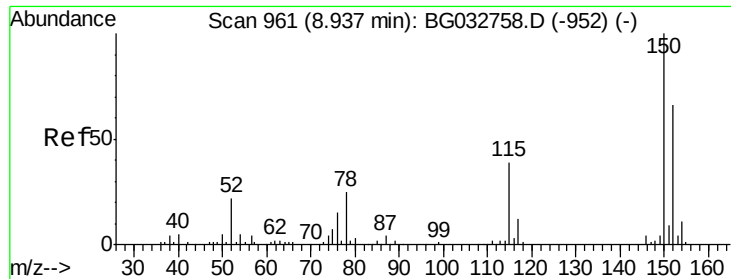
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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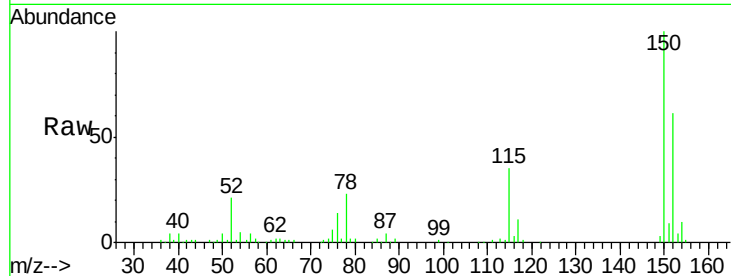


#1

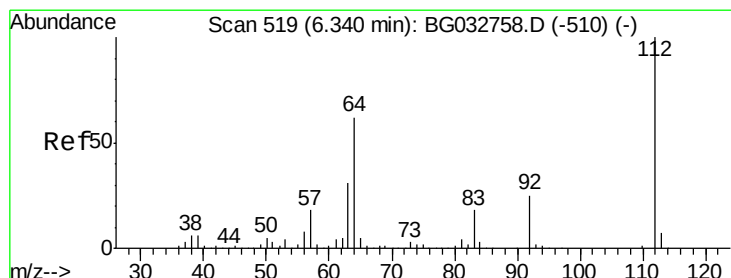
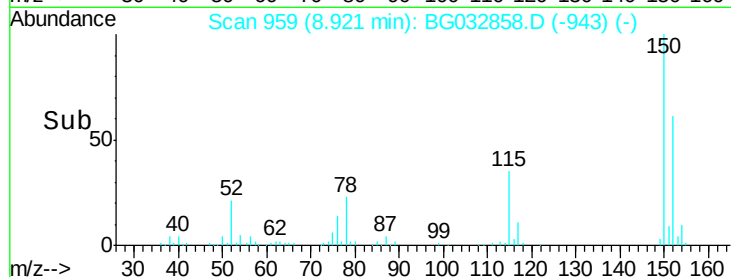
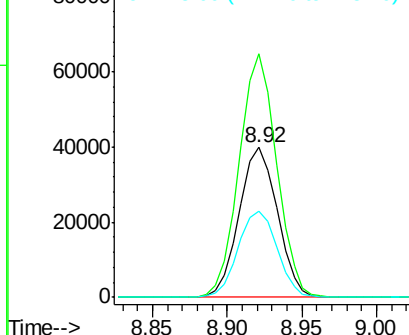
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG032858.D
Acq: 27 Feb 2018 17:18

Instrument :
BNA_G
ClientSampleId :
PB106878BL

Tot Ion:152 Resp: 71258
Ion Ratio Lower Upper
152 100
150 162.6 126.6 189.8
115 57.4 53.0 79.4



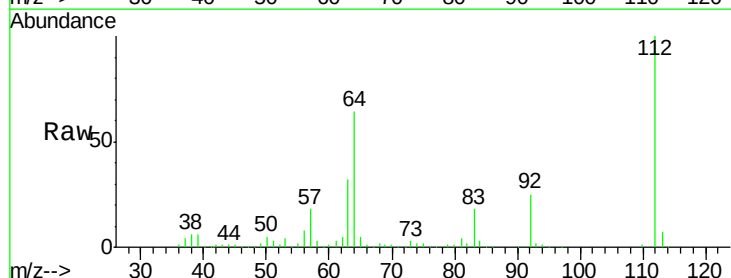
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



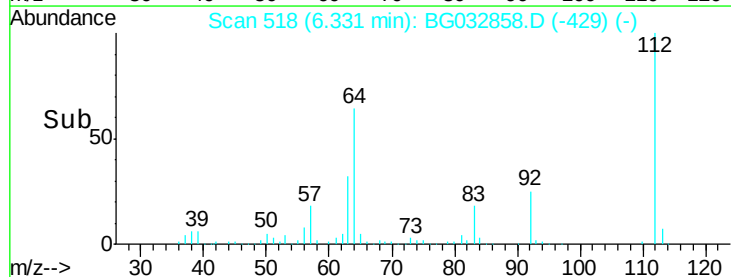
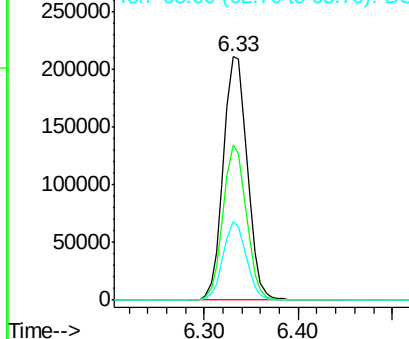
#5

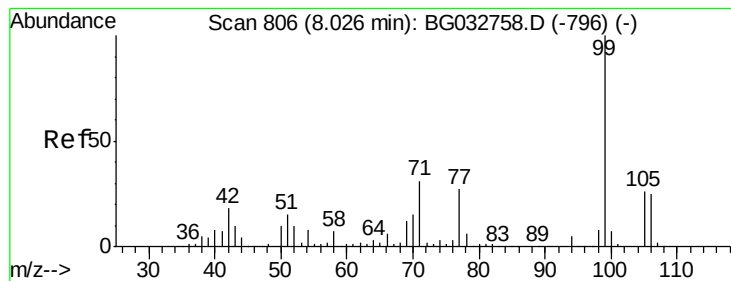
2-Fluorophenol
Concen: 84.486 ng
RT: 6.33 min Scan# 518
Delta R.T. -0.01 min
Lab File: BG032858.D
Acq: 27 Feb 2018 17:18

Tgt Ion:112 Resp: 376304
Ion Ratio Lower Upper
112 100
64 63.6 56.3 84.5
63 32.4 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: 79.789 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.01 min

Lab File: BG032858.D

Acq: 27 Feb 2018 17:18

Instrument :

BNA_G

ClientSampleId :

PB106878BL

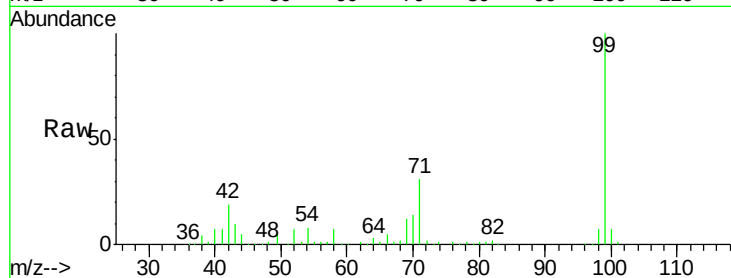
Tot Ion: 99 Resp: 495354

Ion Ratio Lower Upper

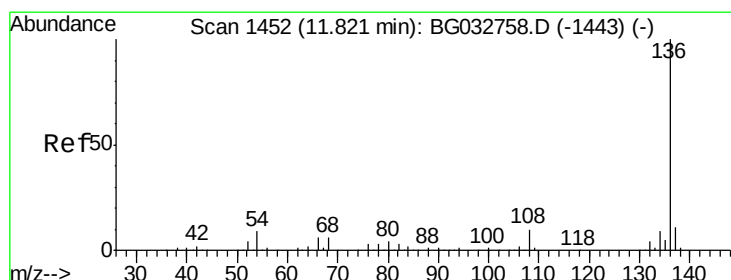
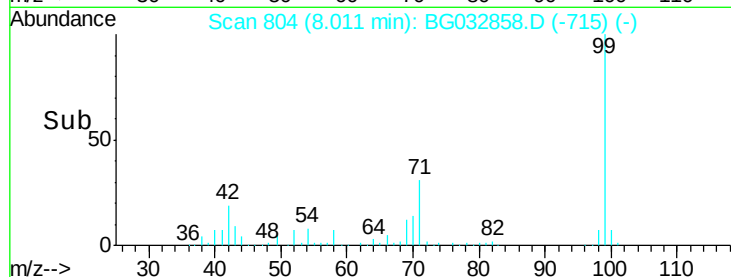
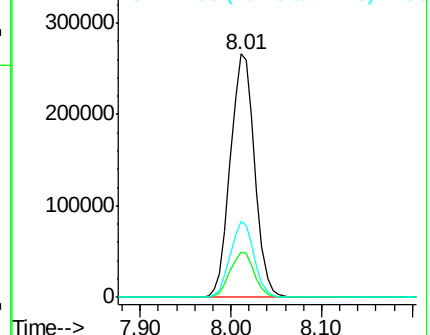
99 100

42 18.6 14.1 21.1

71 31.1 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: 11.81 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BG032858.D

Acq: 27 Feb 2018 17:18

Tgt Ion: 136 Resp: 306253

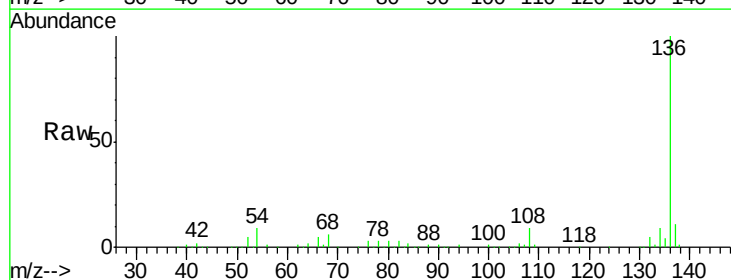
Ion Ratio Lower Upper

136 100

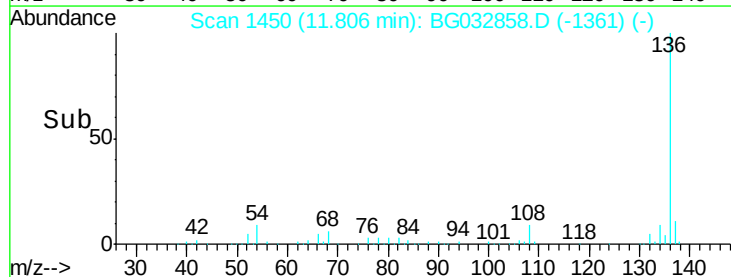
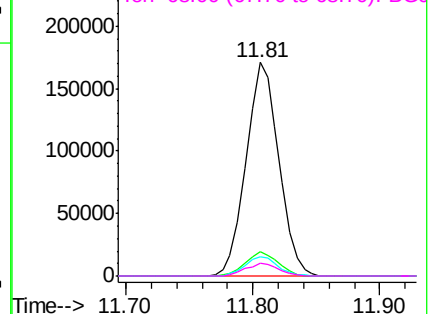
137 11.4 9.2 13.8

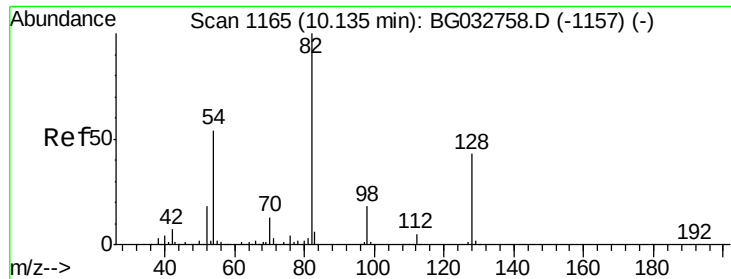
54 8.9 10.3 15.5#

68 6.2 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: 89.560 ng

RT: 10.12 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BG032858.D

Acq: 27 Feb 2018 17:18

Instrument :

BNA_G

ClientSampleId :

PB106878BL

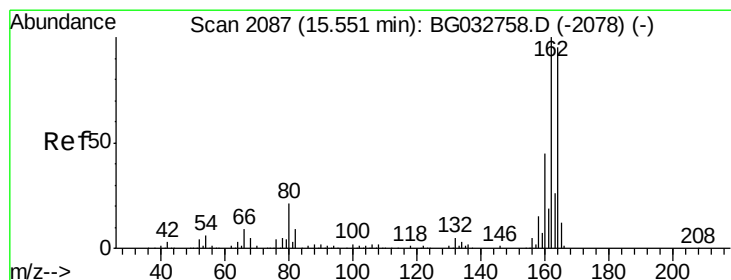
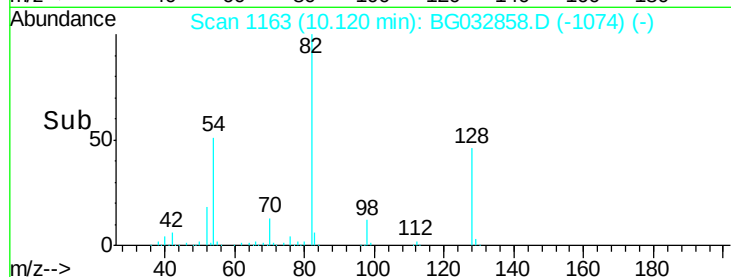
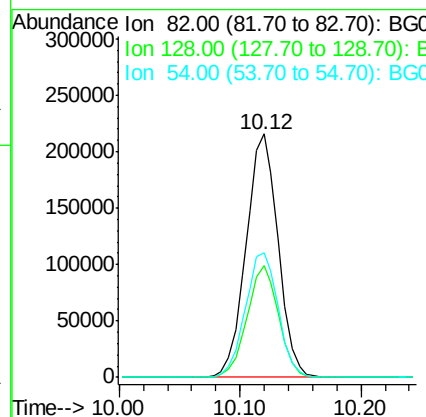
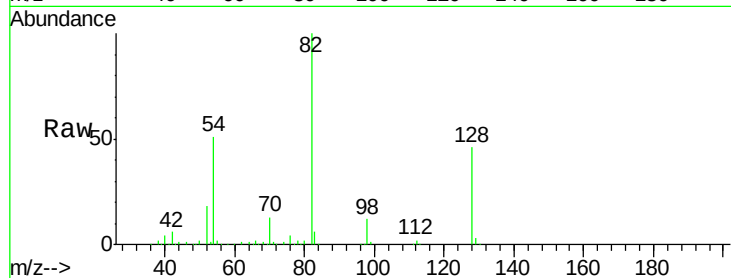
Tot Ion: 82 Resp: 397901

Ion Ratio Lower Upper

82 100

128 45.9 29.7 44.5#

54 51.2 43.1 64.7



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.54 min Scan# 2085

Delta R.T. -0.01 min

Lab File: BG032858.D

Acq: 27 Feb 2018 17:18

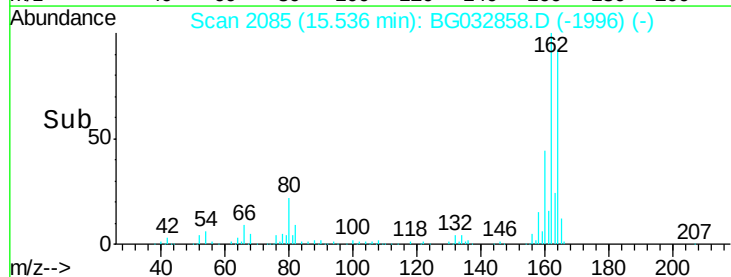
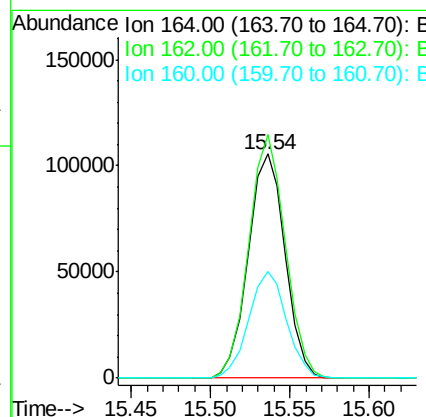
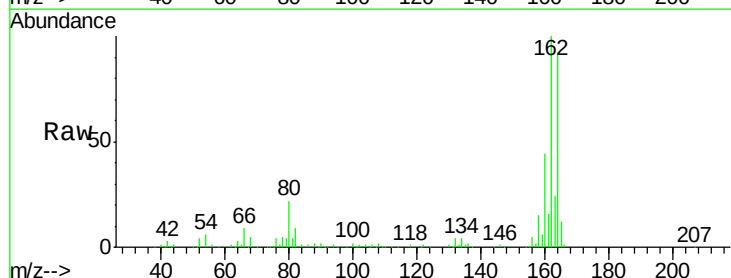
Tgt Ion: 164 Resp: 170298

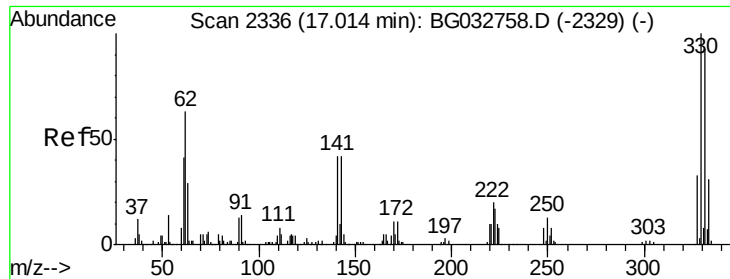
Ion Ratio Lower Upper

164 100

162 108.7 78.8 118.2

160 47.5 35.4 53.0

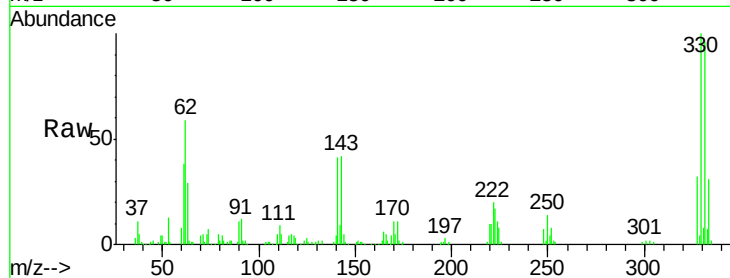




#41
 2,4,6-Tribromophenol
 Concen: 70.119 ng
 RT: 17.00 min Scan# 2335
 Delta R.T. -0.01 min
 Lab File: BG032858.D
 Acq: 27 Feb 2018 17:18

Instrument :
 BNA_G
 ClientSampleId :
 PB106878BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	41.3	25.2	37.8#

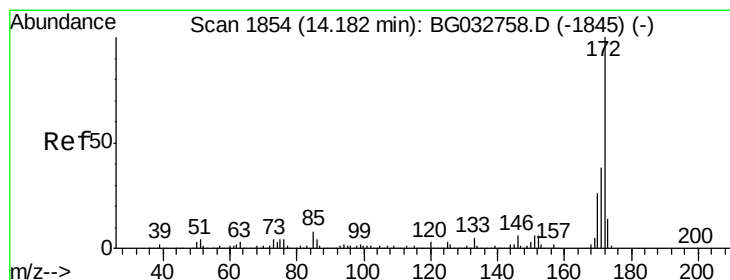
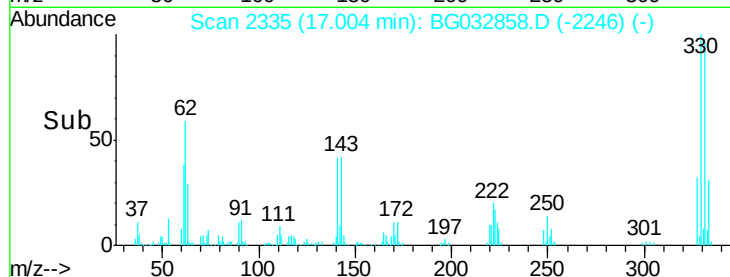
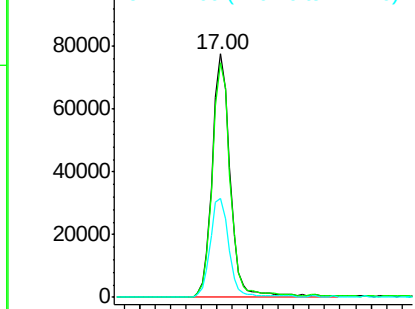


Abundance

Ion 329.80 (329.50 to 330.50): E

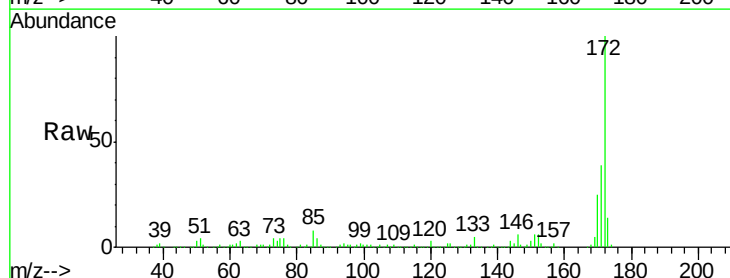
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 77.488 ng
 RT: 14.17 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BG032858.D
 Acq: 27 Feb 2018 17:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.0	45.0
170	25.4	19.5	29.3

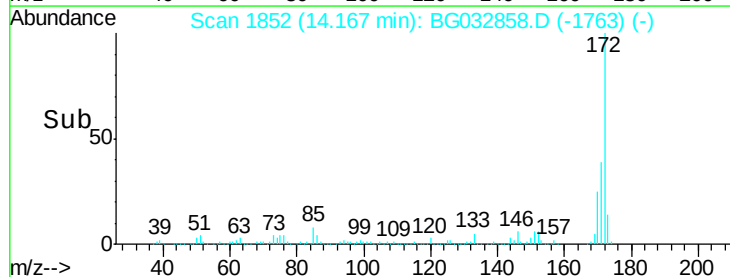
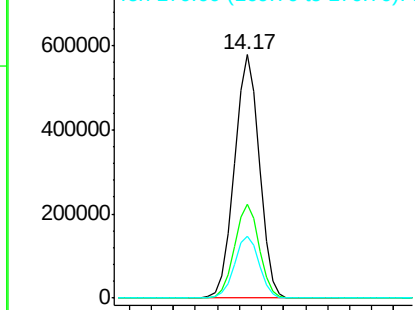


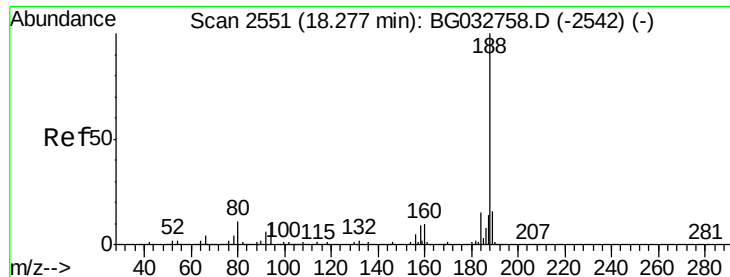
Abundance

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: 18.26 min Scan# 2549

Delta R.T. -0.01 min

Lab File: BG032858.D

Acq: 27 Feb 2018 17:18

Instrument :

BNA_G

ClientSampleId :

PB106878BL

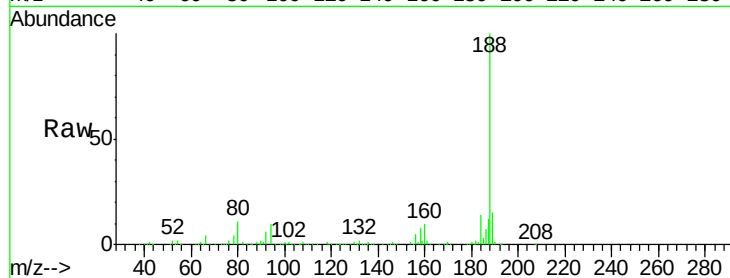
Tot Ion:188 Resp: 395970

Ion Ratio Lower Upper

188 100

94 10.1 6.9 10.3

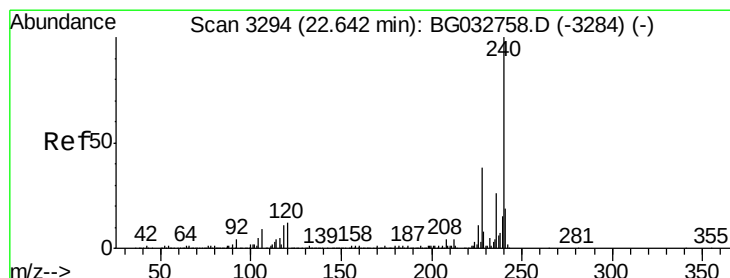
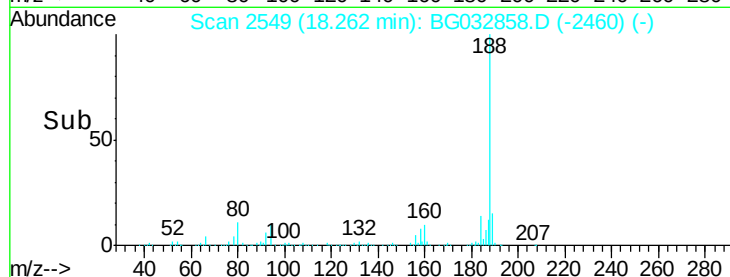
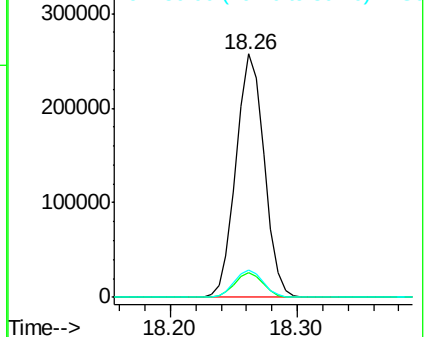
80 11.5 7.7 11.5



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: BG032858.D

Acq: 27 Feb 2018 17:18

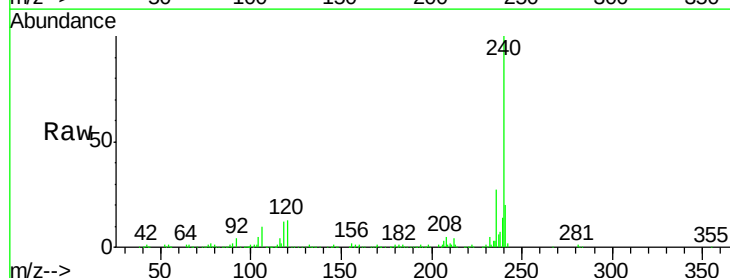
Tgt Ion:240 Resp: 371383

Ion Ratio Lower Upper

240 100

120 13.0 6.8 10.2#

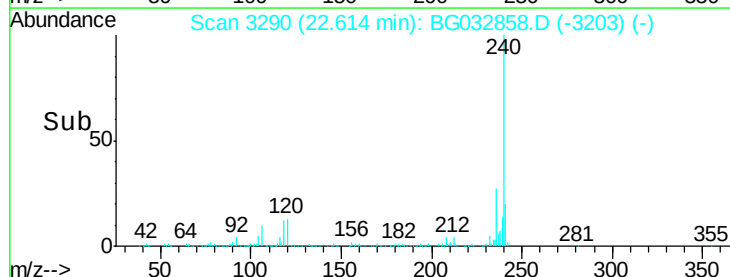
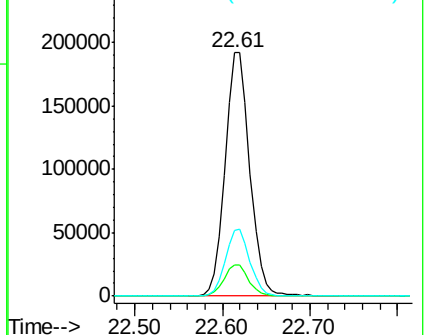
236 26.9 20.9 31.3

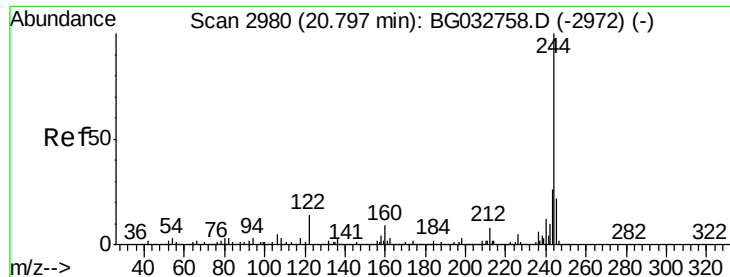


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 76.151 ng

RT: 20.78 min Scan# 2978

Delta R.T. -0.01 min

Lab File: BG032858.D

Acq: 27 Feb 2018 17:18

Instrument :

BNA_G

ClientSampleId :

PB106878BL

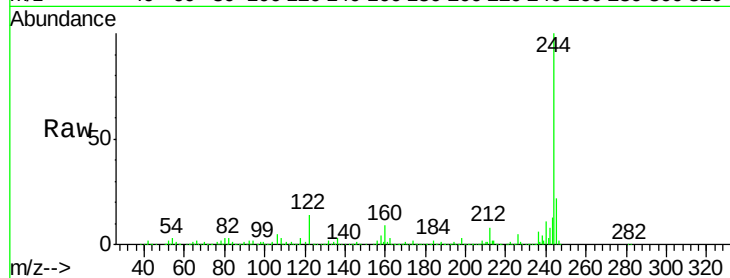
Tot Ion:244 Resp: 1258777

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

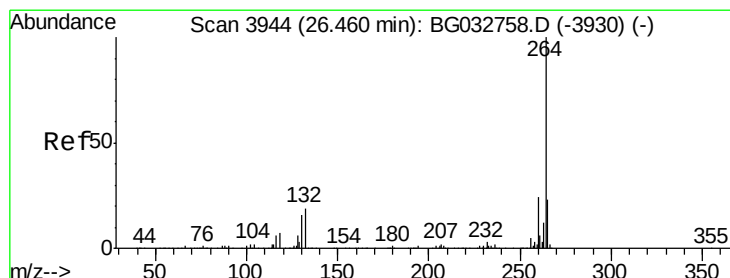
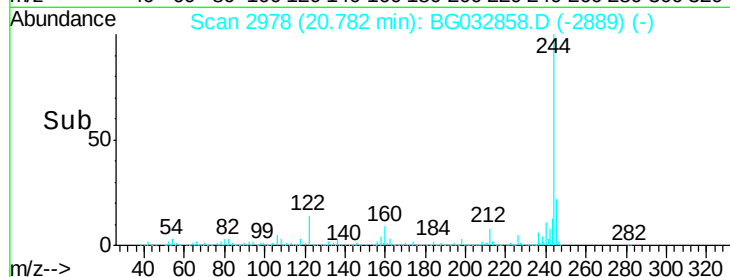
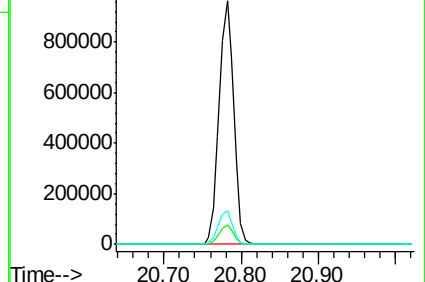
122 13.8 7.0 10.4



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: 26.43 min Scan# 3939

Delta R.T. -0.01 min

Lab File: BG032858.D

Acq: 27 Feb 2018 17:18

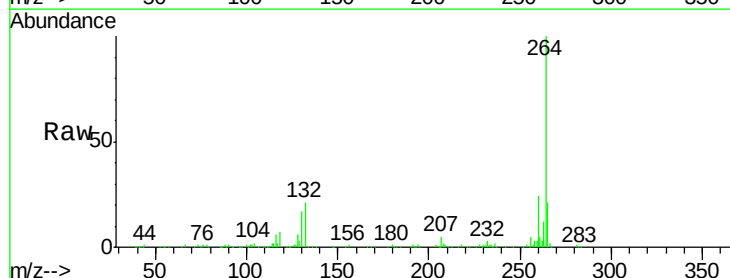
Tgt Ion:264 Resp: 382395

Ion Ratio Lower Upper

264 100

260 23.8 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

