

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022318\
 Data File : BG032806.D
 Acq On : 24 Feb 2018 1:12
 Operator : SJ/JU
 Sample : PB106787BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106787BL

Quant Time: Feb 26 00:40:18 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 17:04:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	60303	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	256818	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	140298	20.00	ng	0.00
63) Phenanthrene-d10	18.27	188	345789	20.00	ng	0.00
75) Chrysene-d12	22.63	240	370798	20.00	ng	0.00
86) Perylene-d12	26.45	264	396420	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	346180	91.84	ng	0.00
7) Phenol-d6	8.02	99	446691	85.02	ng	0.00
23) Nitrobenzene-d5	10.12	82	354530	94.54	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	143892	97.54	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	821580	84.46	ng	0.00
78) Terphenyl-d14	20.79	244	1345466	81.52	ng	0.00

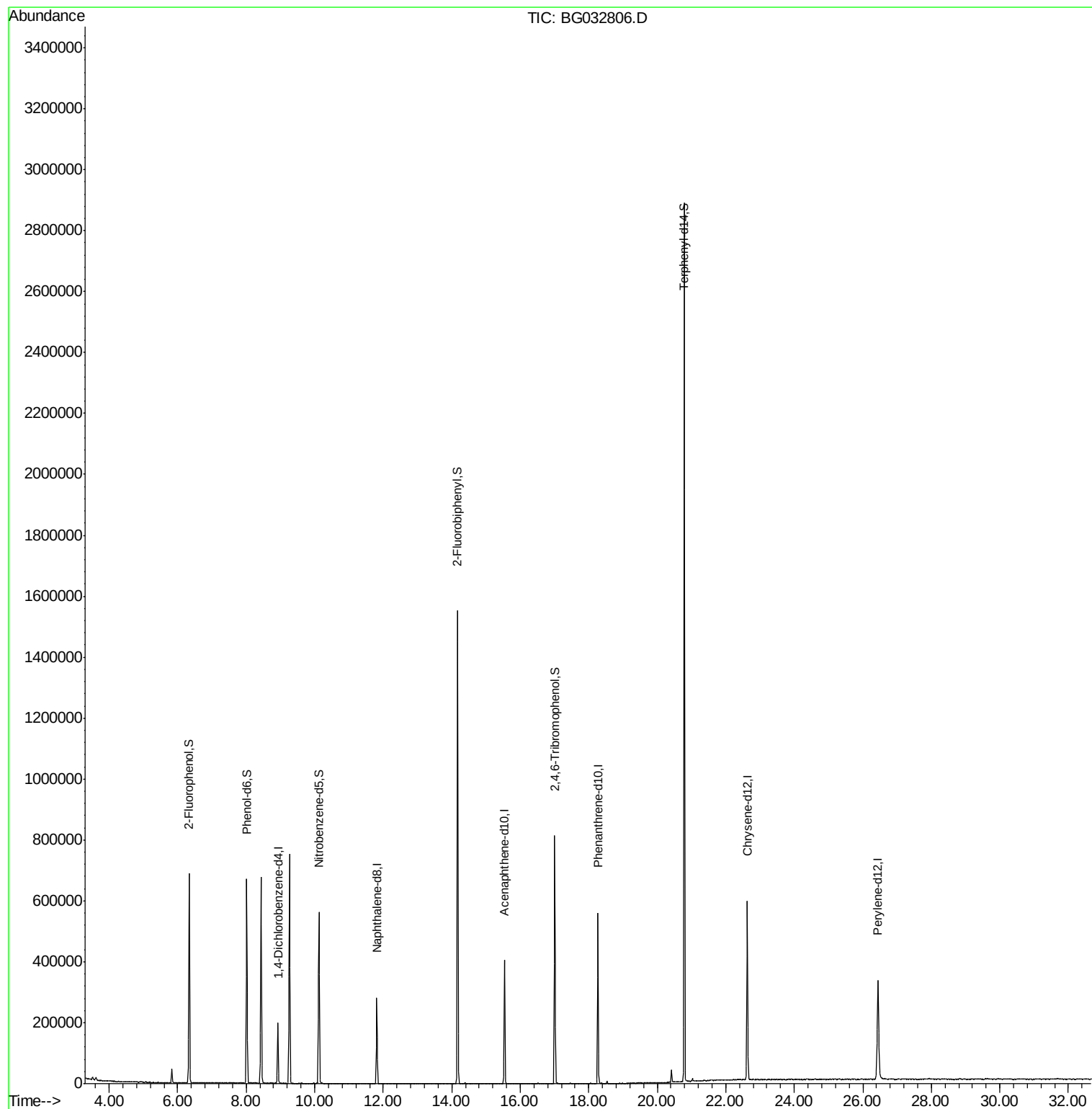
Target Compounds Qvalue

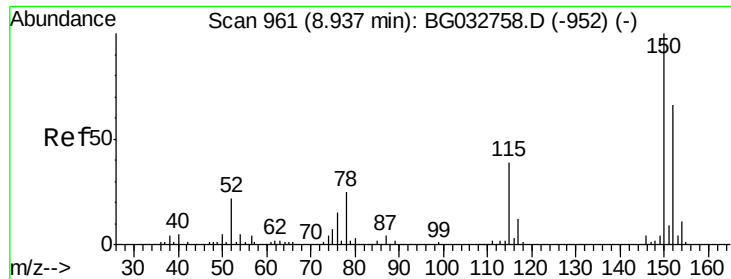
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.92 min Scan# 959

Delta R.T. -0.00 min

Lab File: BG032806.D

Acq: 24 Feb 2018 1:12

Instrument :

BNA_G

ClientSampleId :

PB106787BL

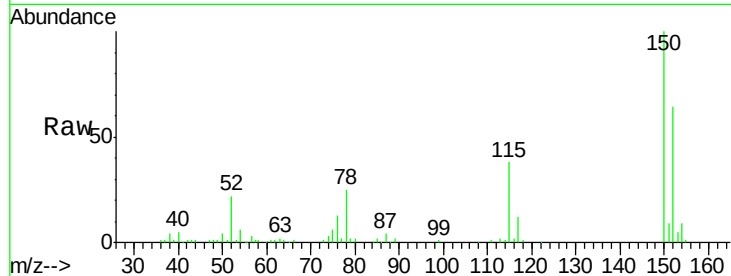
Tot Ion:152 Resp: 60303

Ion Ratio Lower Upper

152 100

150 156.7 126.6 189.8

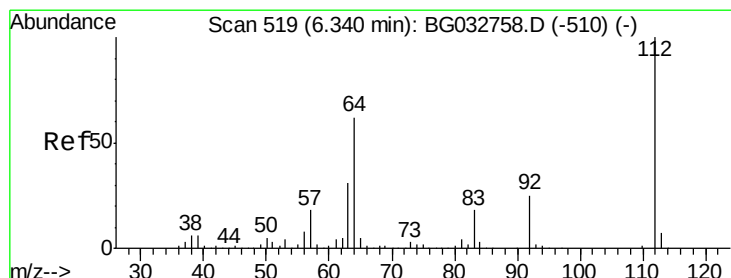
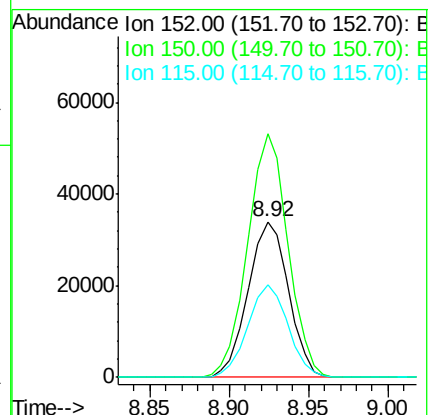
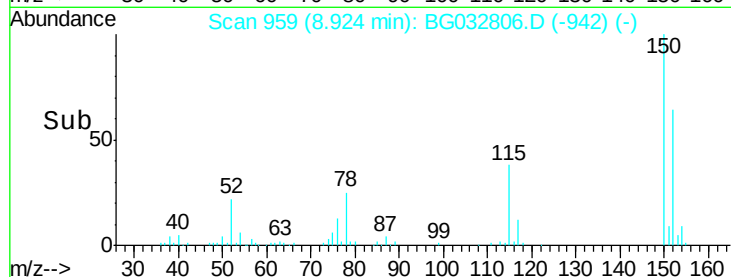
115 59.6 53.0 79.4



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: 91.84 ng

RT: 6.34 min Scan# 519

Delta R.T. 0.01 min

Lab File: BG032806.D

Acq: 24 Feb 2018 1:12

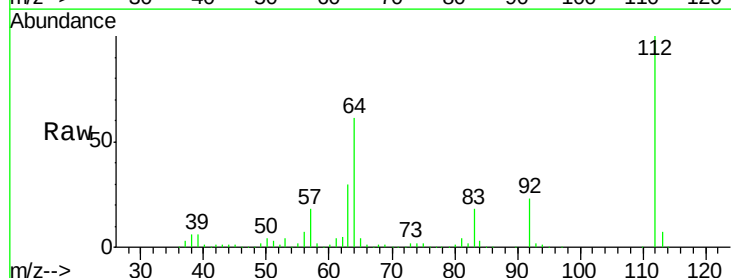
Tgt Ion:112 Resp: 346180

Ion Ratio Lower Upper

112 100

64 61.1 56.3 84.5

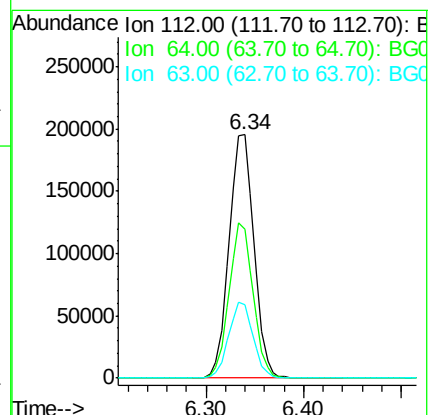
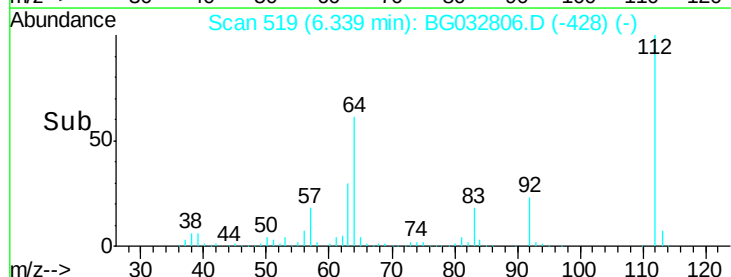
63 30.1 30.1 45.1#

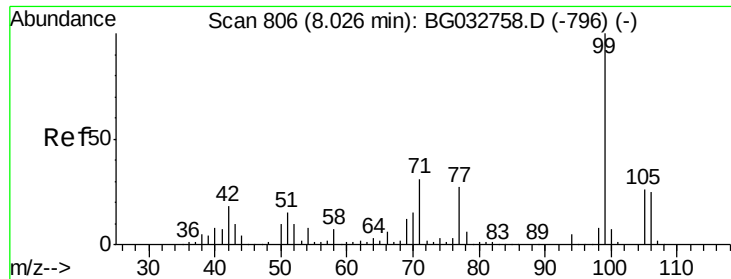


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 85.02 ng

RT: 8.02 min Scan# 805

Delta R.T. -0.00 min

Lab File: BG032806.D

Acq: 24 Feb 2018 1:12

Instrument :

BNA_G

ClientSampled :

PB106787BL

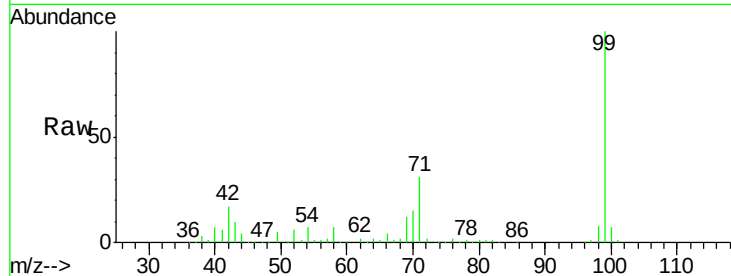
Tot Ion: 99 Resp: 446691

Ion Ratio Lower Upper

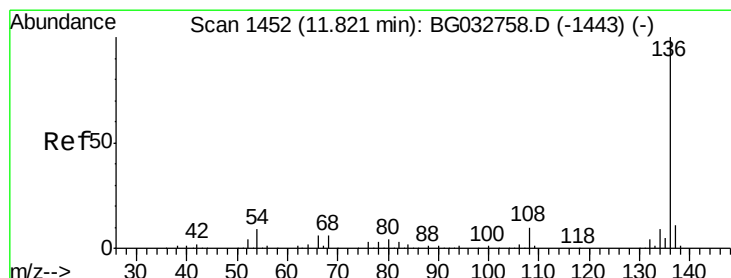
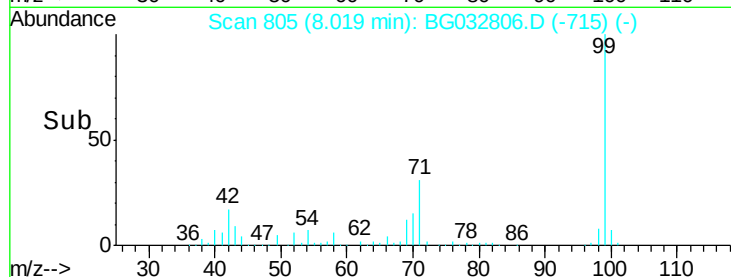
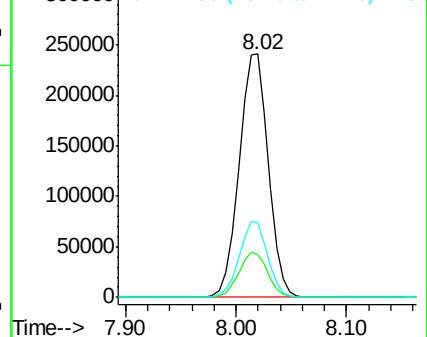
99 100

42 17.4 14.1 21.1

71 30.6 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: 20.00 ng

RT: 11.81 min Scan# 1451

Delta R.T. -0.00 min

Lab File: BG032806.D

Acq: 24 Feb 2018 1:12

Tgt Ion: 136 Resp: 256818

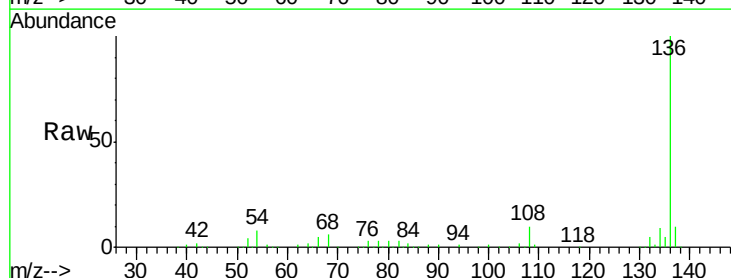
Ion Ratio Lower Upper

136 100

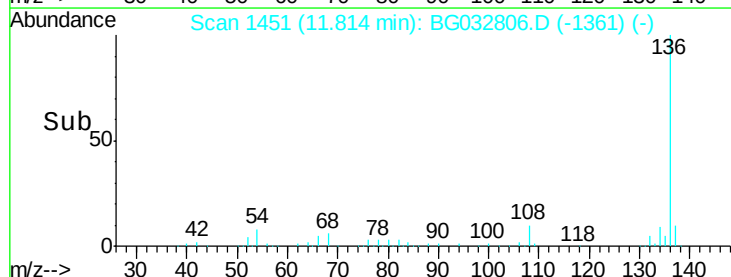
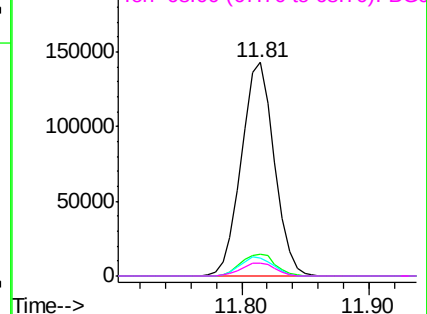
137 10.4 9.2 13.8

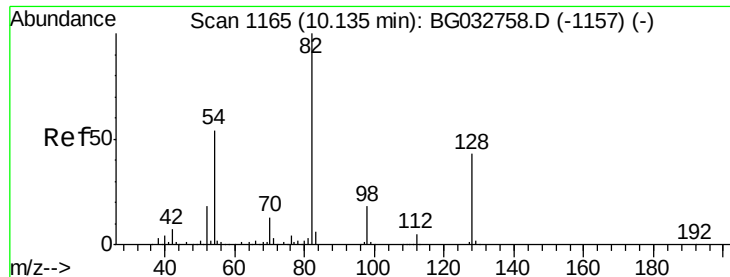
54 8.5 10.3 15.5#

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: 94.54 ng

RT: 10.12 min Scan# 1163

Delta R.T. -0.00 min

Lab File: BG032806.D

Acq: 24 Feb 2018 1:12

Instrument :

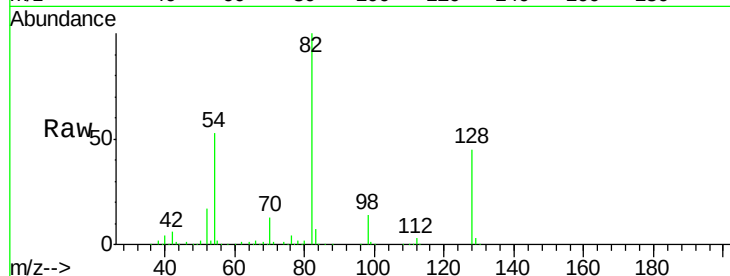
BNA_G

ClientSampleId :

PB106787BL

Tot Ion: 82 Resp: 354530

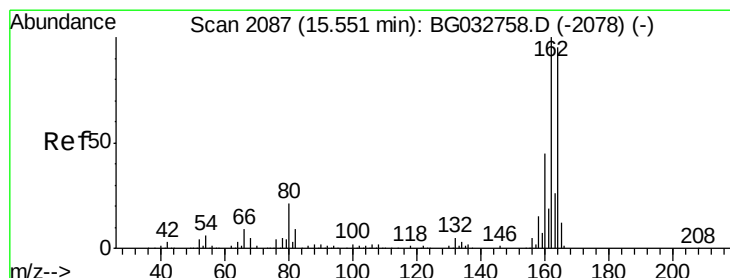
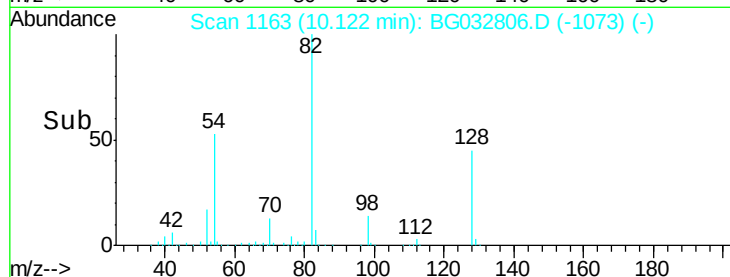
Ion	Ratio	Lower	Upper
82	100		
128	44.5	29.7	44.5
54	53.1	43.1	64.7



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: 20.00 ng

RT: 15.54 min Scan# 2085

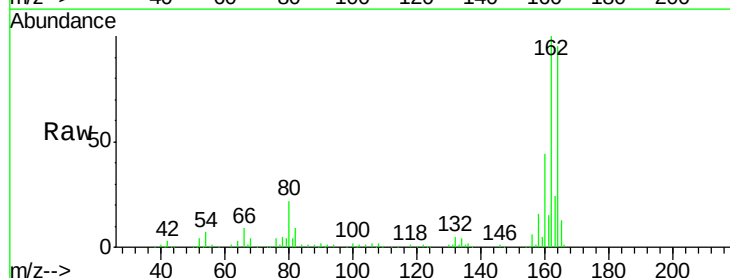
Delta R.T. -0.01 min

Lab File: BG032806.D

Acq: 24 Feb 2018 1:12

Tgt Ion: 164 Resp: 140298

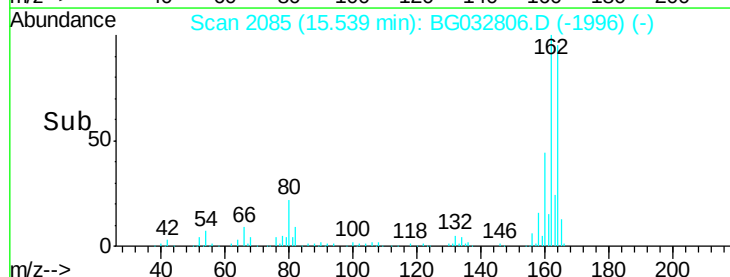
Ion	Ratio	Lower	Upper
164	100		
162	105.8	78.8	118.2
160	46.7	35.4	53.0

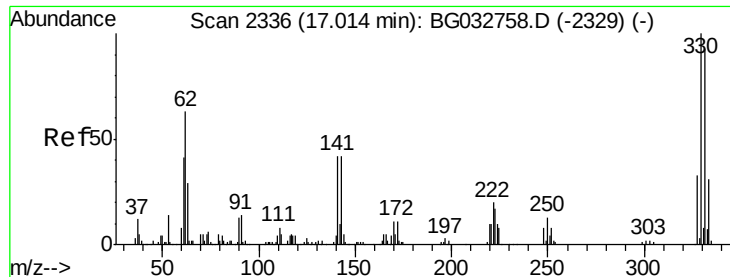


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC





#41

2,4,6-Tribromophenol

Concen: 97.54 ng

RT: 17.01 min Scan# 2335

Delta R.T. -0.01 min

Lab File: BG032806.D

Acq: 24 Feb 2018 1:12

Instrument :

BNA_G

ClientSampleId :

PB106787BL

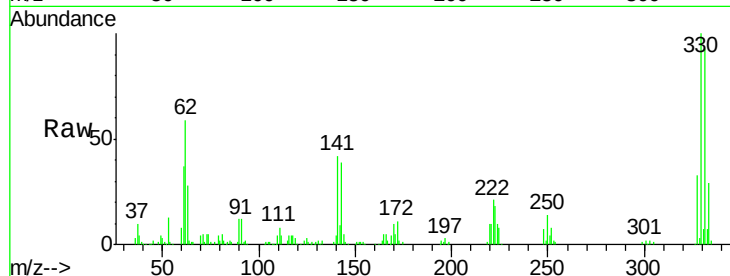
Tot Ion:330 Resp: 143892

Ion Ratio Lower Upper

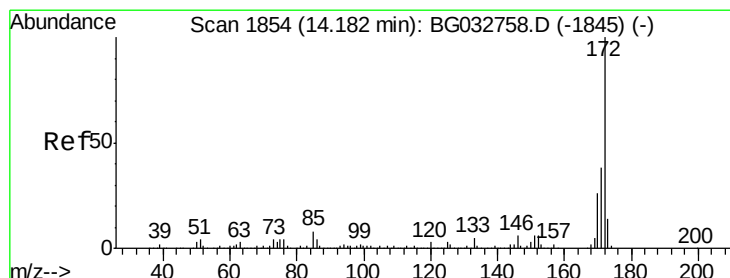
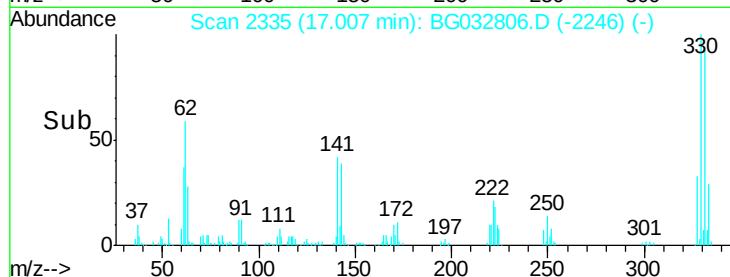
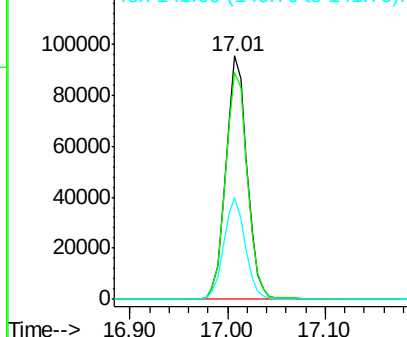
330 100

332 96.4 77.0 115.6

141 41.8 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: 84.46 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BG032806.D

Acq: 24 Feb 2018 1:12

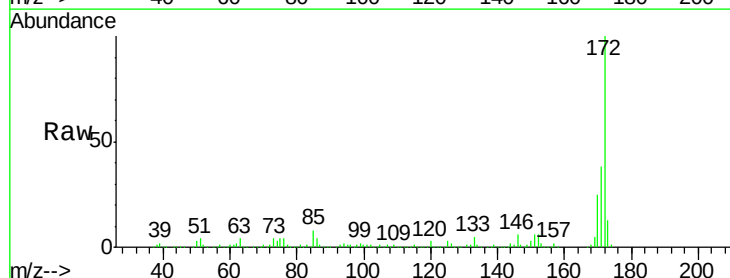
Tgt Ion:172 Resp: 821580

Ion Ratio Lower Upper

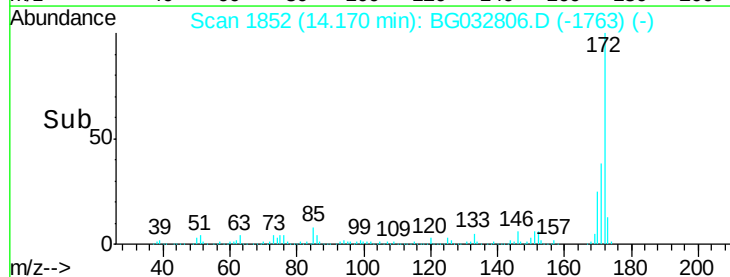
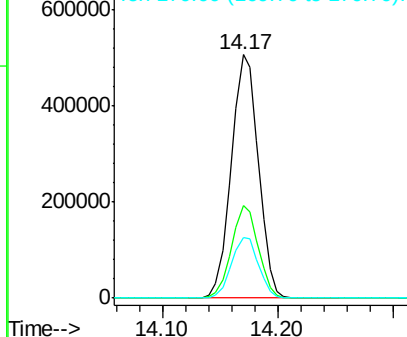
172 100

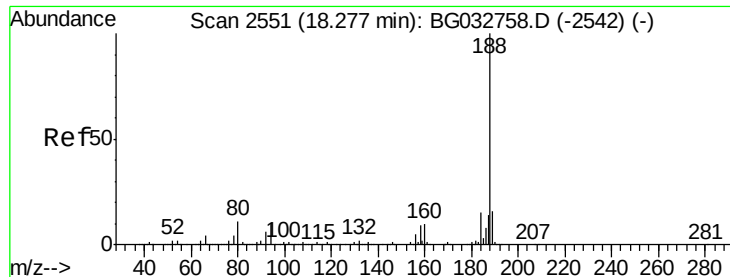
171 37.9 30.0 45.0

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: 20.00 ng

RT: 18.27 min Scan# 2550

Delta R.T. -0.00 min

Lab File: BG032806.D

Acq: 24 Feb 2018 1:12

Instrument :

BNA_G

ClientSampleId :

PB106787BL

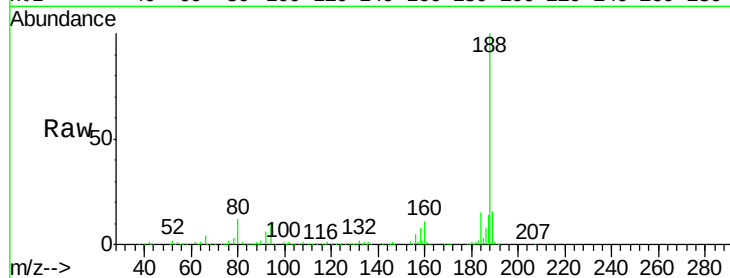
Tot Ion:188 Resp: 345789

Ion Ratio Lower Upper

188 100

94 10.2 6.9 10.3

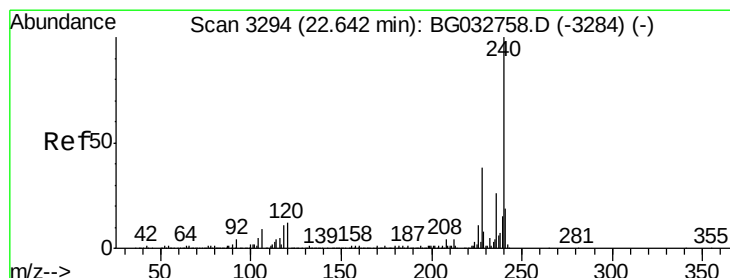
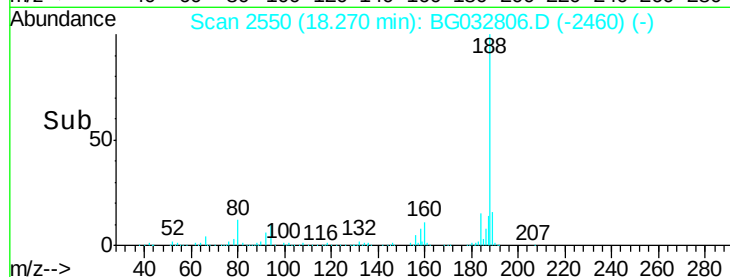
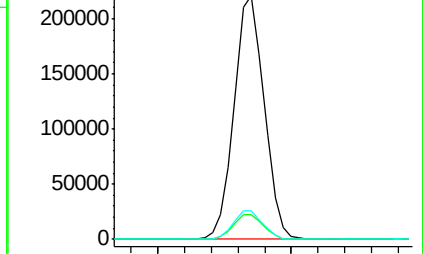
80 11.9 7.7 11.5#



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: 20.00 ng

RT: 22.63 min Scan# 3292

Delta R.T. -0.00 min

Lab File: BG032806.D

Acq: 24 Feb 2018 1:12

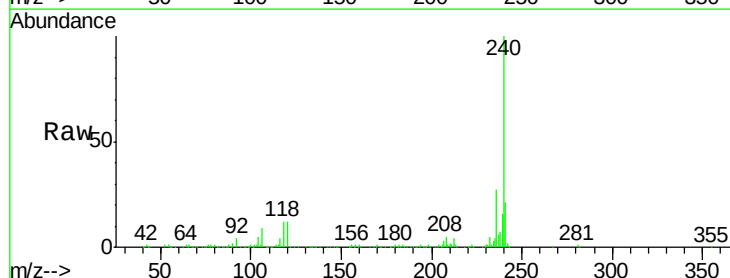
Tgt Ion:240 Resp: 370798

Ion Ratio Lower Upper

240 100

120 12.1 6.8 10.2#

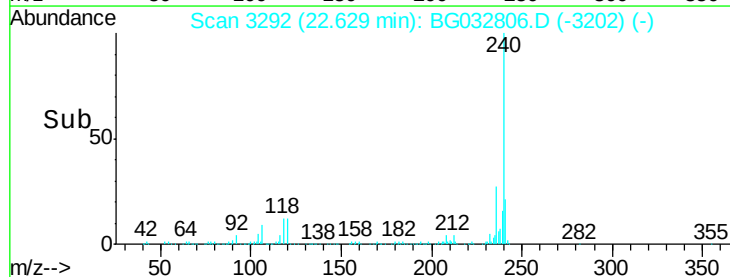
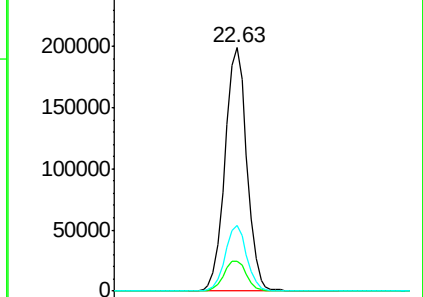
236 27.2 20.9 31.3

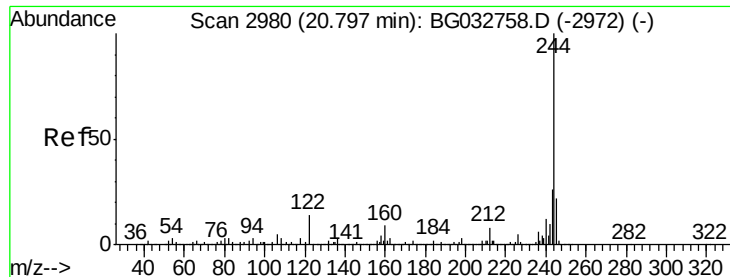


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 81.52 ng

RT: 20.79 min Scan# 2979

Delta R.T. -0.00 min

Lab File: BG032806.D

Acq: 24 Feb 2018 1:12

Instrument :

BNA_G

ClientSampleId :

PB106787BL

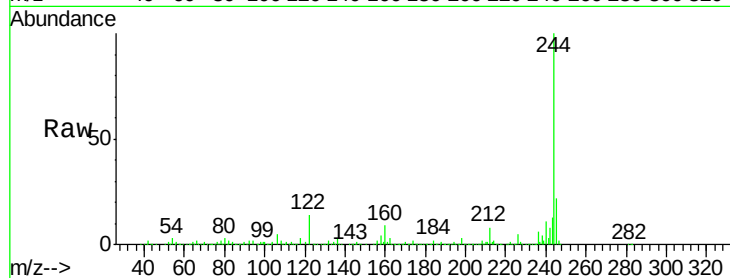
Tot Ion:244 Resp: 1345466

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

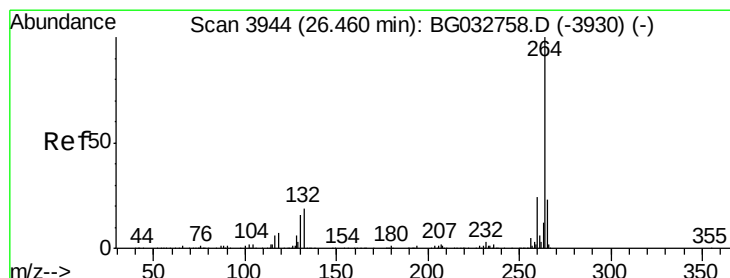
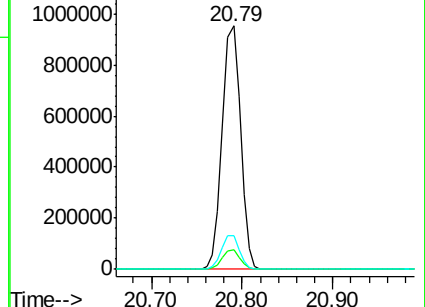
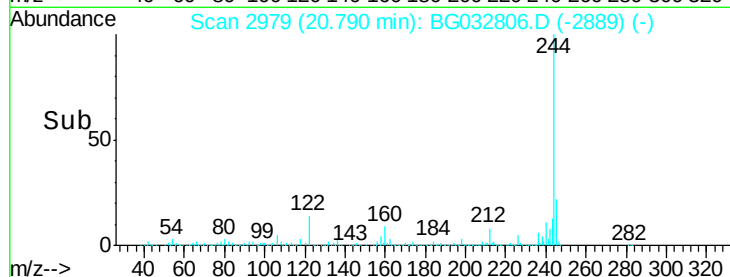
122 13.7 7.0 10.4#



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: 20.00 ng

RT: 26.45 min Scan# 3942

Delta R.T. -0.00 min

Lab File: BG032806.D

Acq: 24 Feb 2018 1:12

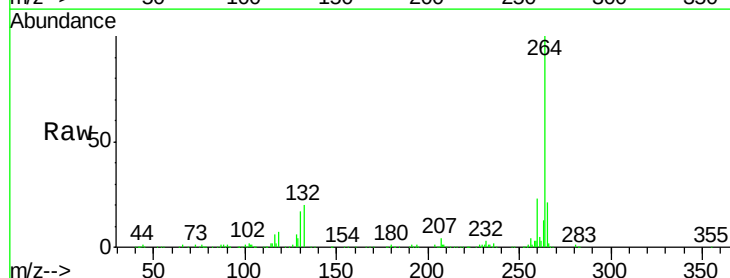
Tgt Ion:264 Resp: 396420

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

265 20.9 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

