

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022618\
 Data File : BG032836.D
 Acq On : 27 Feb 2018 00:41
 Operator : SJ/JU
 Sample : J1691-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B2

Quant Time: Feb 27 03:51:04 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	71148	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	304941	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	172416	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	399823	20.00	ng	0.00
75) Chrysene-d12	22.62	240	387381	20.00	ng	-0.01
86) Perylene-d12	26.43	264	395128	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	588539	132.34	ng	0.00
7) Phenol-d6	8.02	99	680483	109.78	ng	0.00
23) Nitrobenzene-d5	10.12	82	499170	110.26	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	288889	159.35	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1098560	91.89	ng	0.00
78) Terphenyl-d14	20.78	244	1685007	97.73	ng	0.00

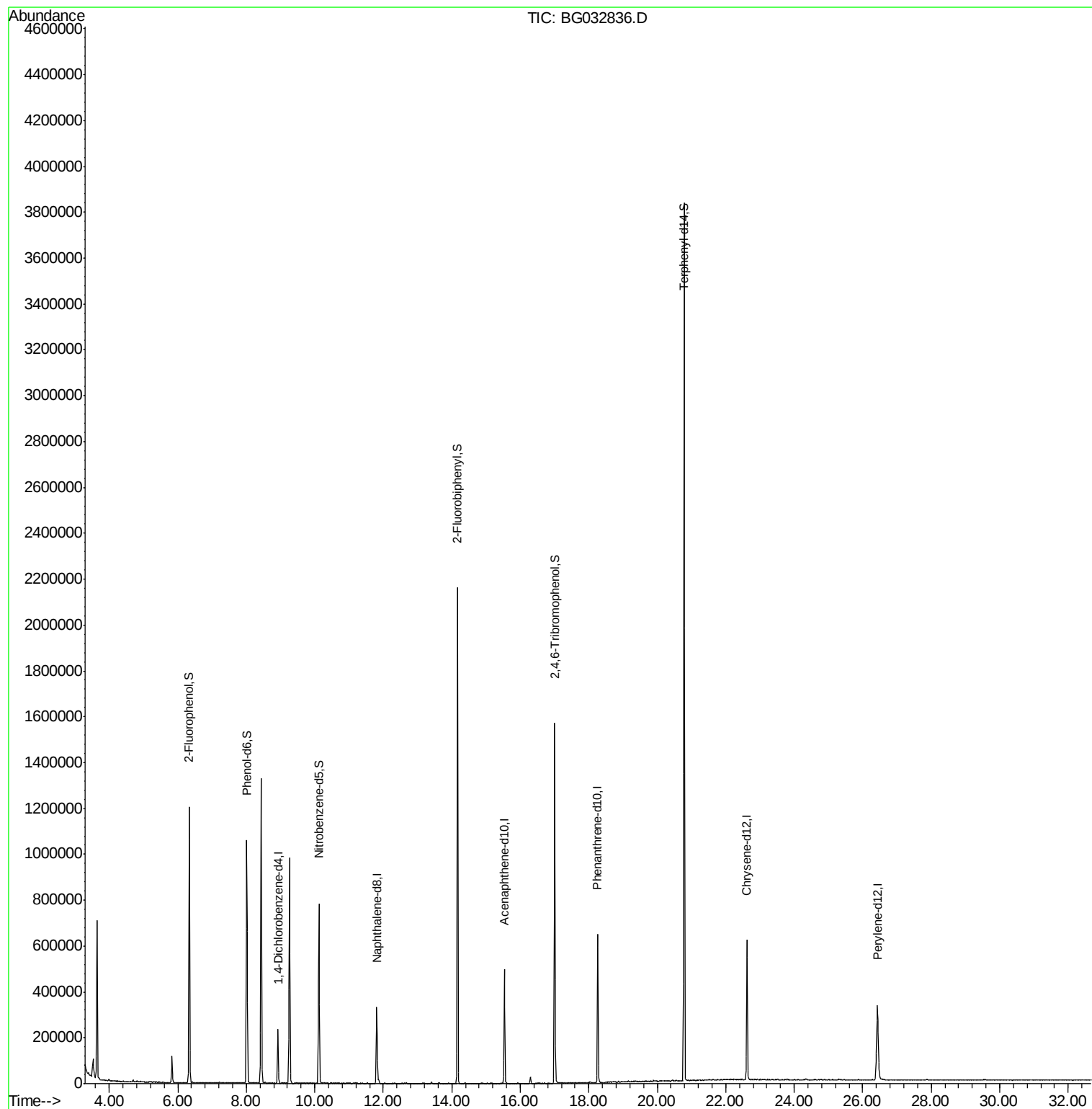
Target Compounds Qvalue

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

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QLast Update : Mon Feb 26 17:50:45 2018
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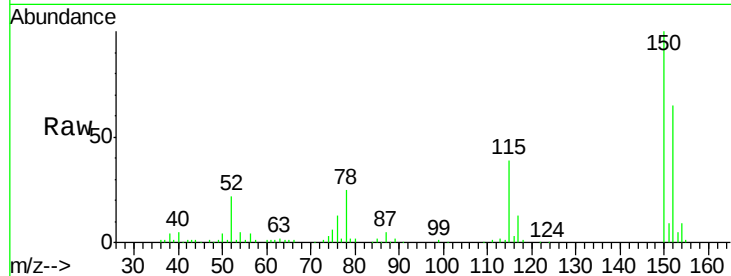


#1

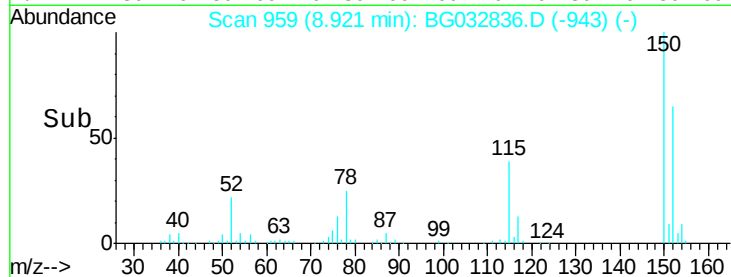
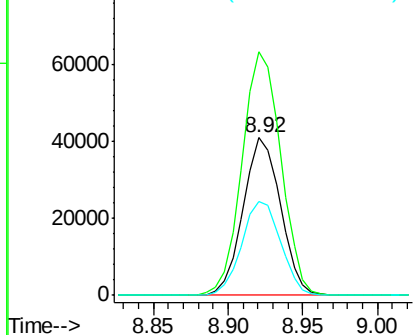
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.92 min Scan# 959
 Delta R.T. -0.01 min
 Lab File: BG032836.D
 Acq: 27 Feb 2018 00:41

Instrument :
 BNA_G
 ClientSampled :
 B2

Tot Ion:152 Resp: 71148
 Ion Ratio Lower Upper
 152 100
 150 154.6 126.6 189.8
 115 59.8 53.0 79.4



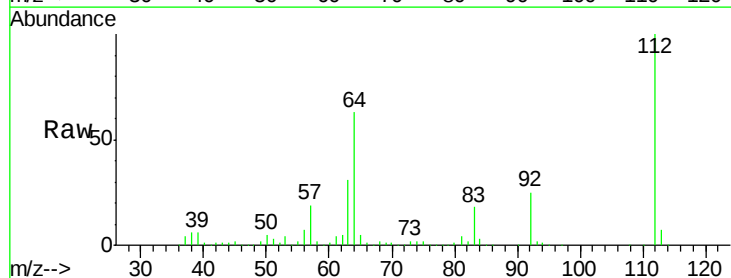
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



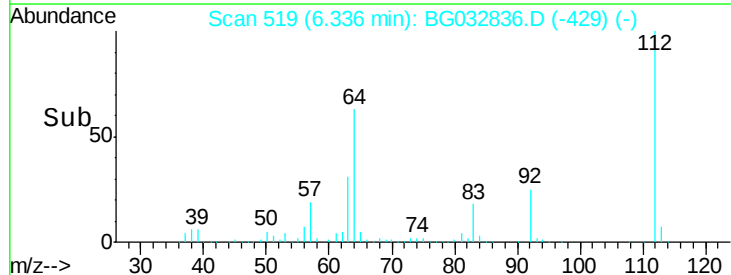
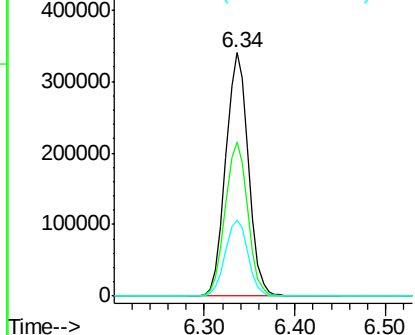
#5

2-Fluorophenol
 Concen: 132.341 ng
 RT: 6.34 min Scan# 519
 Delta R.T. -0.00 min
 Lab File: BG032836.D
 Acq: 27 Feb 2018 00:41

Tgt Ion:112 Resp: 588539
 Ion Ratio Lower Upper
 112 100
 64 63.3 56.3 84.5
 63 31.4 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: 109.778 ng

RT: 8.02 min Scan# 805

Delta R.T. -0.00 min

Lab File: BG032836.D

Acq: 27 Feb 2018 00:41

Instrument :

BNA_G

ClientSampled :

B2

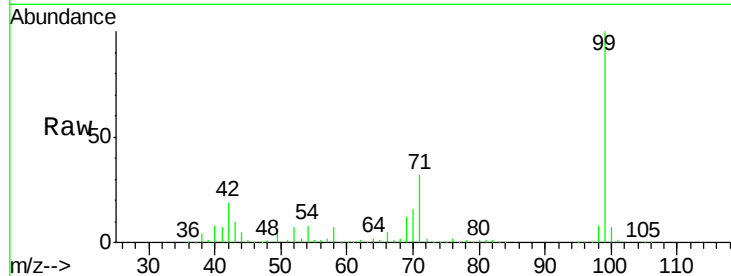
Tot Ion: 99 Resp: 680483

Ion Ratio Lower Upper

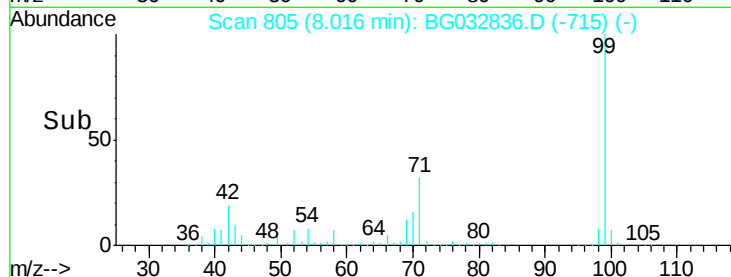
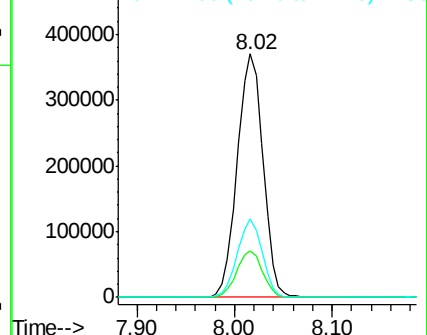
99 100

42 19.1 14.1 21.1

71 32.2 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: 11.81 min Scan# 1451

Delta R.T. -0.00 min

Lab File: BG032836.D

Acq: 27 Feb 2018 00:41

Tgt Ion: 136 Resp: 304941

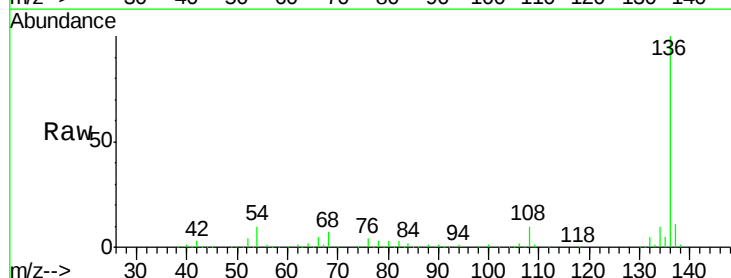
Ion Ratio Lower Upper

136 100

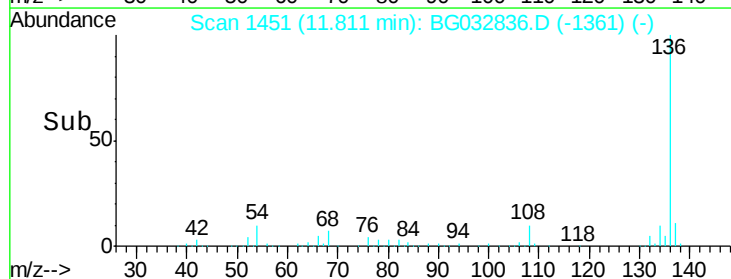
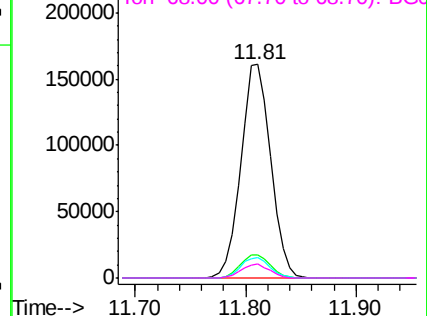
137 10.8 9.2 13.8

54 9.6 10.3 15.5#

68 6.8 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

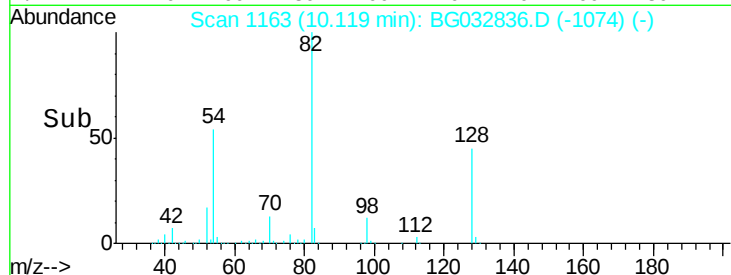
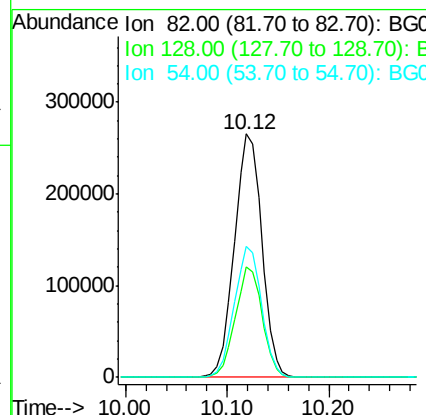
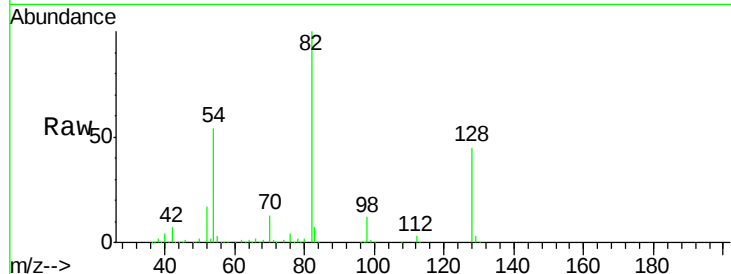




#23
 Nitrobenzene-d5
 Concen: 110.261 ng
 RT: 10.12 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BG032836.D
 Acq: 27 Feb 2018 00:41

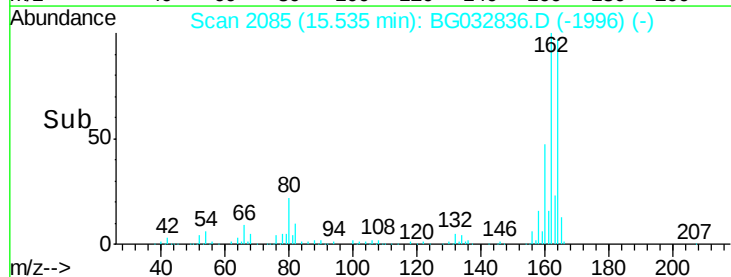
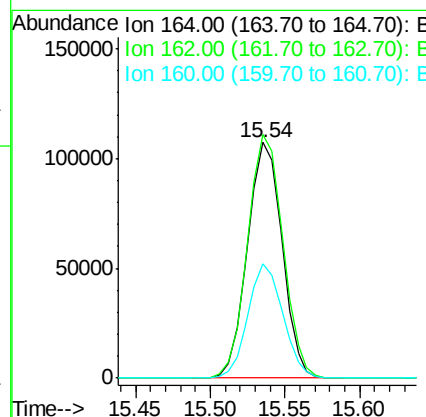
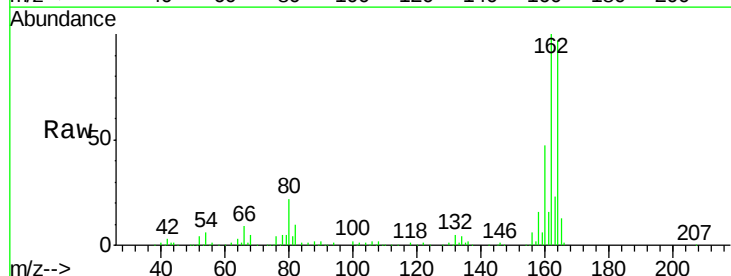
Instrument :
 BNA_G
 ClientSampleId :
 B2

Tot Ion	82	Resp	499170
Ion Ratio	100	Lower	Upper
128	45.2	29.7	44.5#
54	54.0	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: BG032836.D
 Acq: 27 Feb 2018 00:41

Tgt Ion	164	Resp	172416
Ion Ratio	100	Lower	Upper
162	103.4	78.8	118.2
160	48.4	35.4	53.0

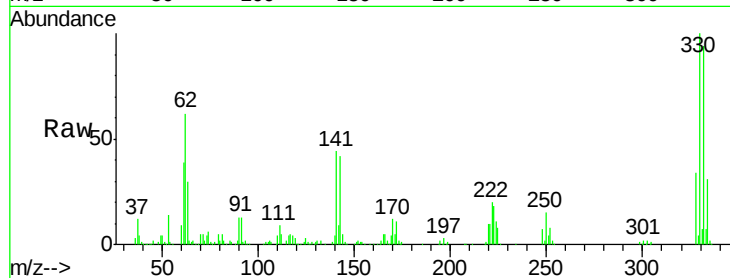




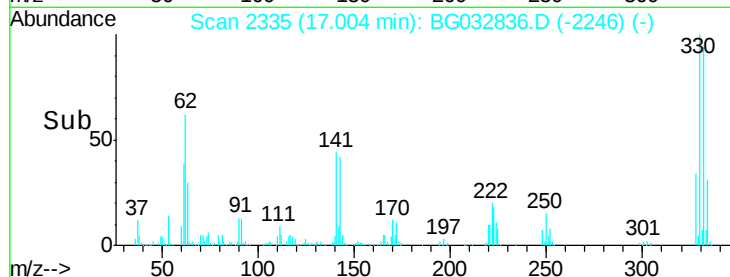
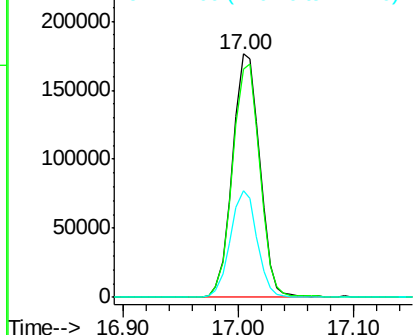
#41
 2,4,6-Tribromophenol
 Concen: 159.352 ng
 RT: 17.00 min Scan# 2335
 Delta R.T. -0.01 min
 Lab File: BG032836.D
 Acq: 27 Feb 2018 00:41

Instrument :
 BNA_G
 ClientSampleId :
 B2

Tot Ion:330 Resp: 288889
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 43.3 25.2 37.8#

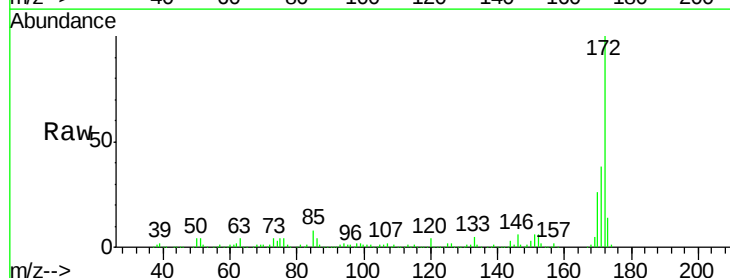


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

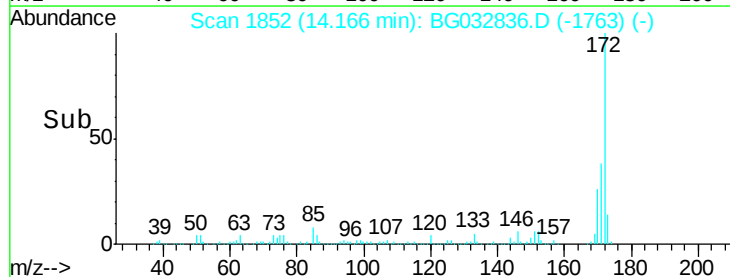
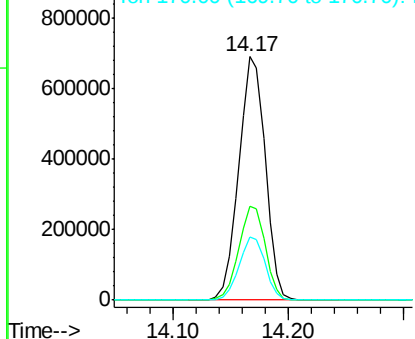


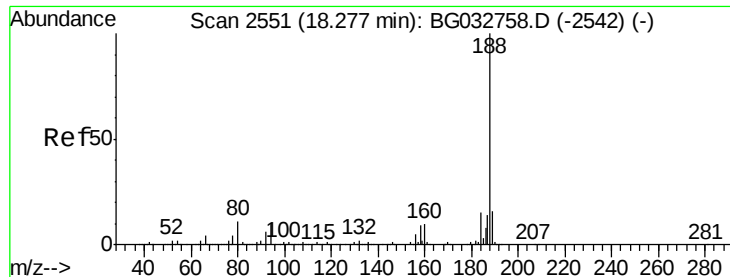
#44
 2-Fluorobiphenyl
 Concen: 91.894 ng
 RT: 14.17 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BG032836.D
 Acq: 27 Feb 2018 00:41

Tgt Ion:172 Resp: 1098560
 Ion Ratio Lower Upper
 172 100
 171 38.3 30.0 45.0
 170 25.8 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: BG032836.D

Acq: 27 Feb 2018 00:41

Instrument :

BNA_G

ClientSampleId :

B2

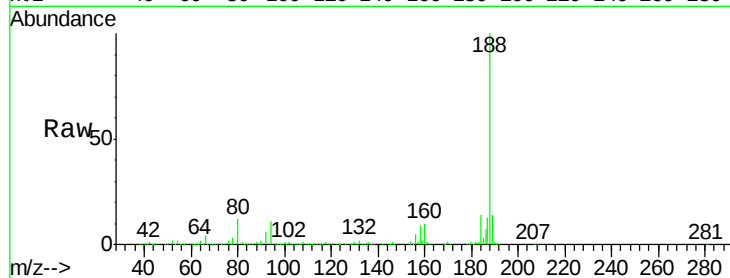
Tot Ion:188 Resp: 399823

Ion Ratio Lower Upper

188 100

94 10.7 6.9 10.3#

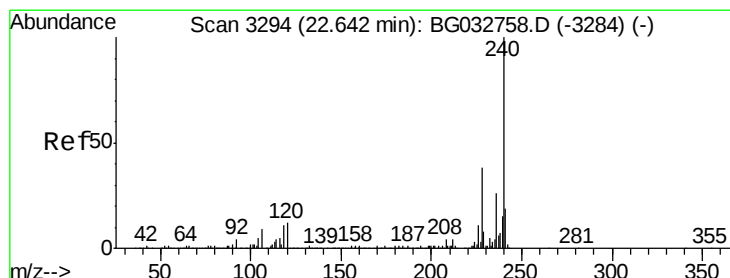
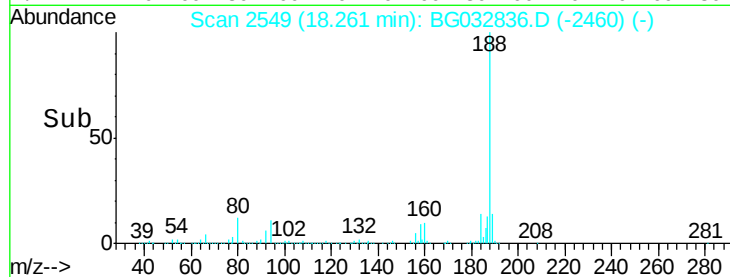
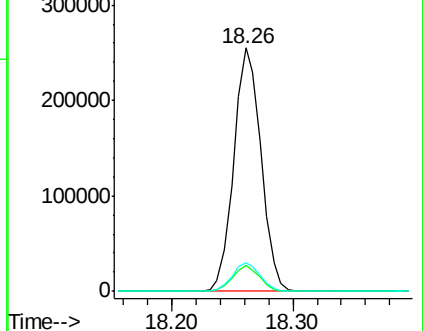
80 11.5 7.7 11.5



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: 22.62 min Scan# 3291

Delta R.T. -0.01 min

Lab File: BG032836.D

Acq: 27 Feb 2018 00:41

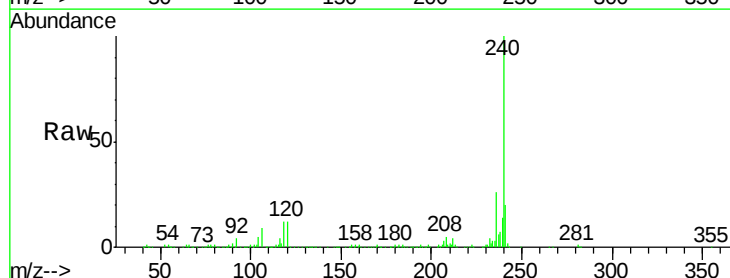
Tgt Ion:240 Resp: 387381

Ion Ratio Lower Upper

240 100

120 12.4 6.8 10.2#

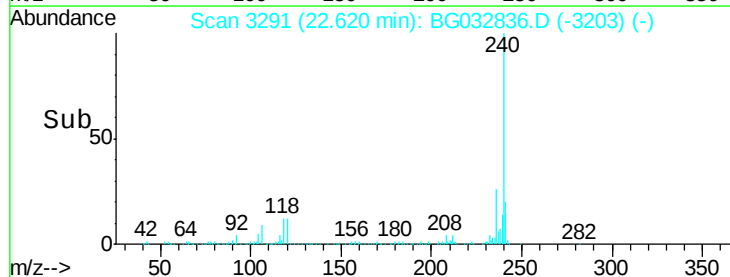
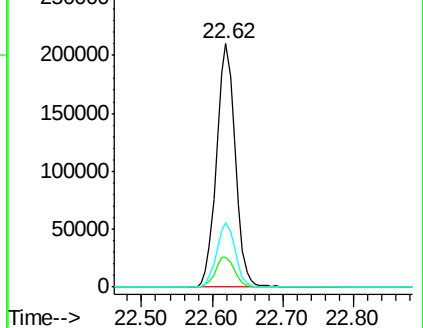
236 26.5 20.9 31.3



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: 97.727 ng

RT: 20.78 min Scan# 2978

Delta R.T. -0.01 min

Lab File: BG032836.D

Acq: 27 Feb 2018 00:41

Instrument :

BNA_G

ClientSampleId :

B2

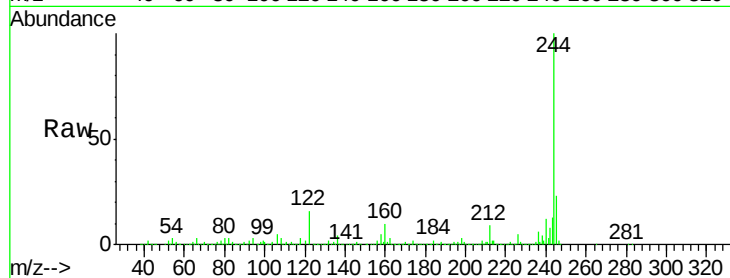
Tot Ion:244 Resp: 1685007

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

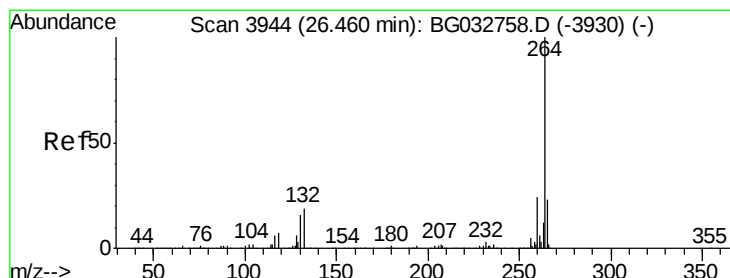
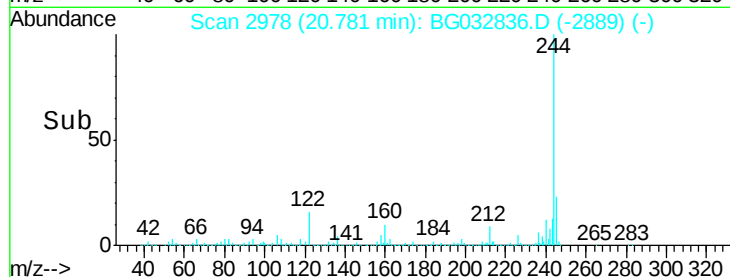
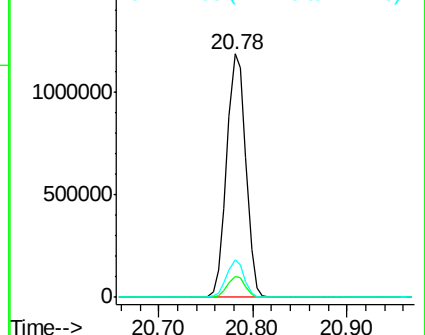
122 15.5 7.0 10.4#



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: 26.43 min Scan# 3939

Delta R.T. -0.01 min

Lab File: BG032836.D

Acq: 27 Feb 2018 00:41

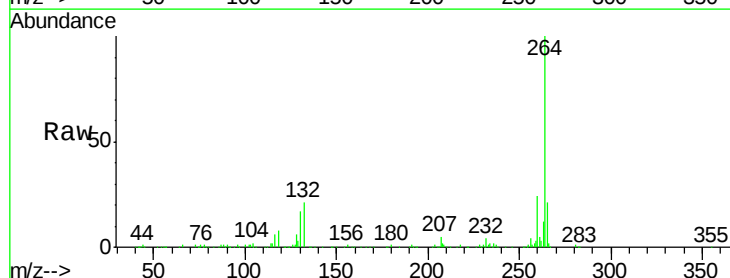
Tgt Ion:264 Resp: 395128

Ion Ratio Lower Upper

264 100

260 24.2 17.4 26.0

265 21.2 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

