

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111517\
 Data File : BG031016.D
 Acq On : 15 Nov 2017 15:33
 Operator : SJ/JU
 Sample : I6449-01RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ADT-WC-01RE

Quant Time: Nov 15 17:51:15 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	27532	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	106414	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	38157	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	194655	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	152019	20.00	ng	-0.02
86) Perylene-d12	25.08	264	7964	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	218882	136.32	ng	0.00
7) Phenol-d6	7.31	99	178025	82.30	ng	0.00
23) Nitrobenzene-d5	9.31	82	185175	103.11	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	245556	397.82	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	599564	225.78	ng	-0.02
78) Terphenyl-d14	20.09	244	1360199	197.57	ng	0.00

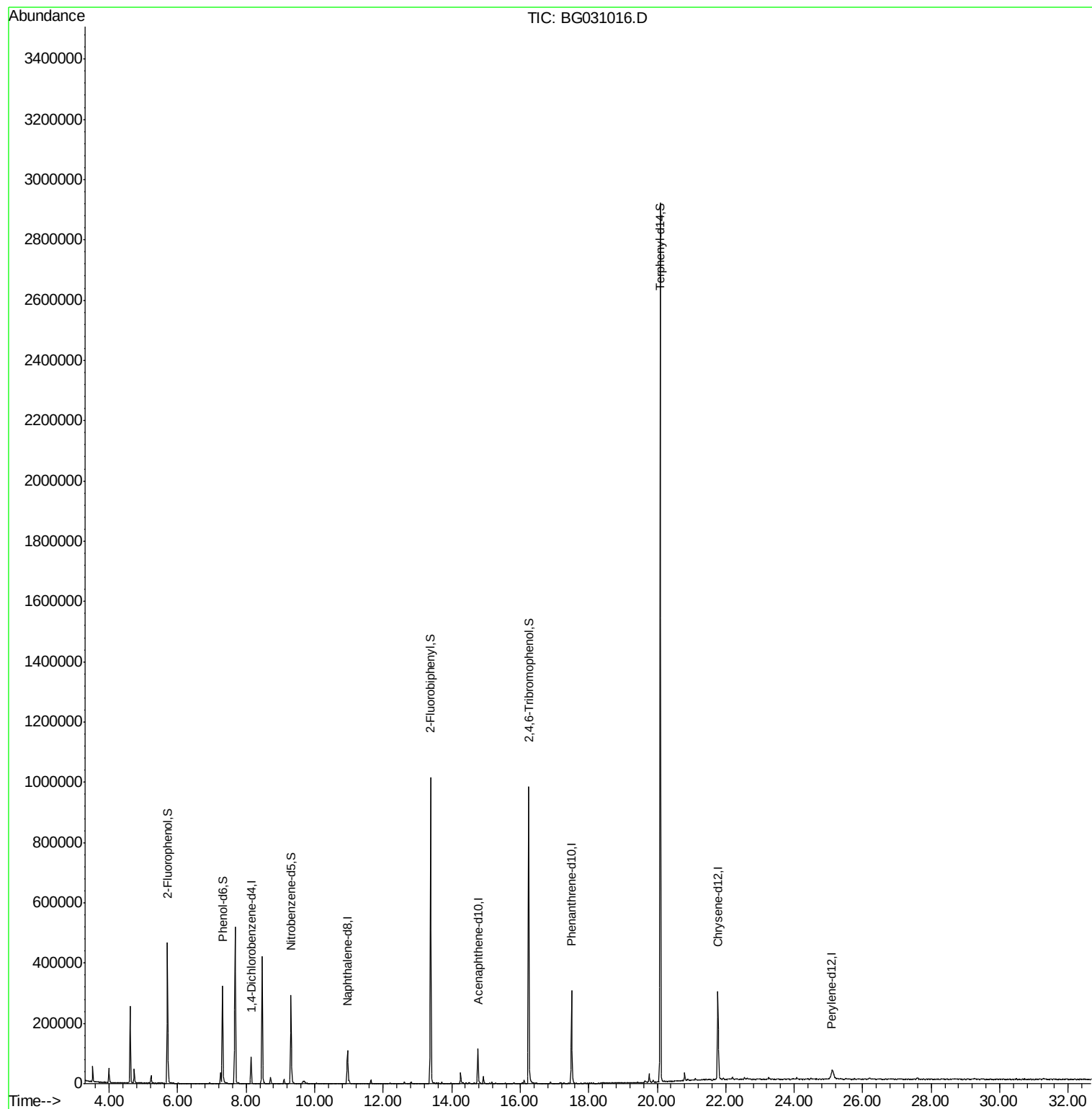
Target Compounds	Qvalue
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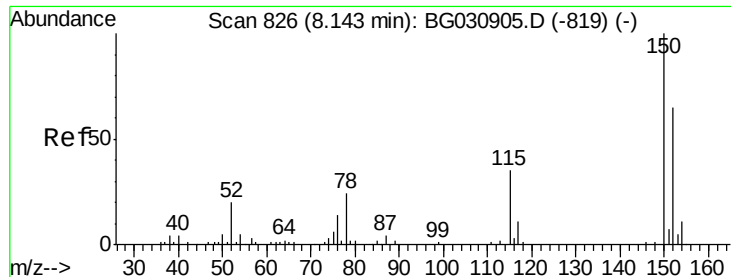
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 826

Delta R.T. -0.01 min

Lab File: BG031016.D

Acq: 15 Nov 2017 15:33

Instrument :

BNA_G

ClientSampleId :

ADT-WC-01RE

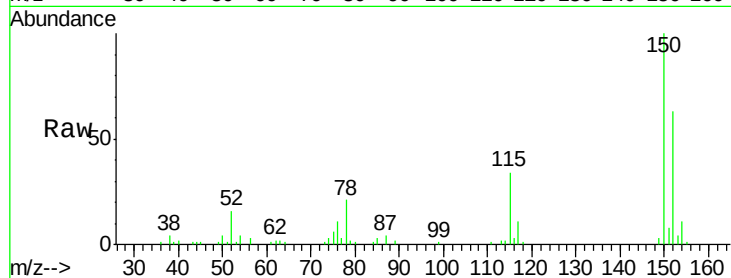
Tgt Ion:152 Resp: 27532

Ion Ratio Lower Upper

152 100

150 159.1 126.6 189.8

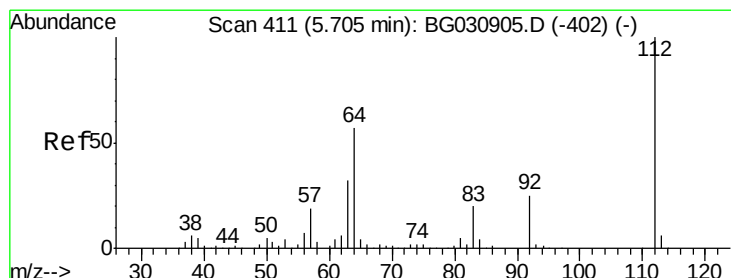
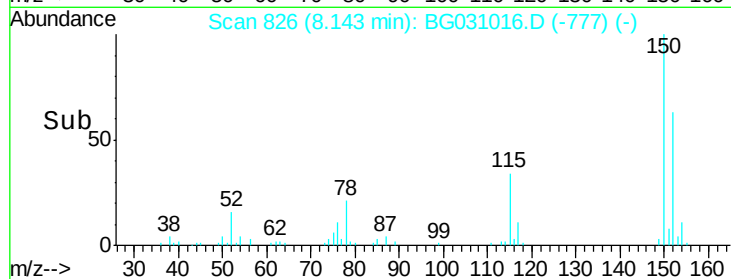
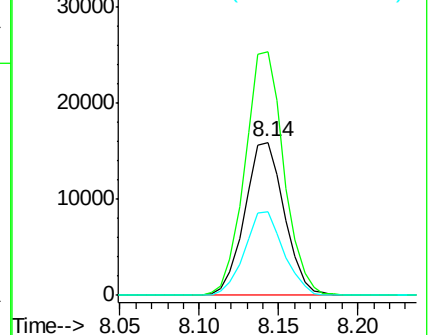
115 54.7 53.0 79.4



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: 136.325 ng

RT: 5.70 min Scan# 410

Delta R.T. -0.01 min

Lab File: BG031016.D

Acq: 15 Nov 2017 15:33

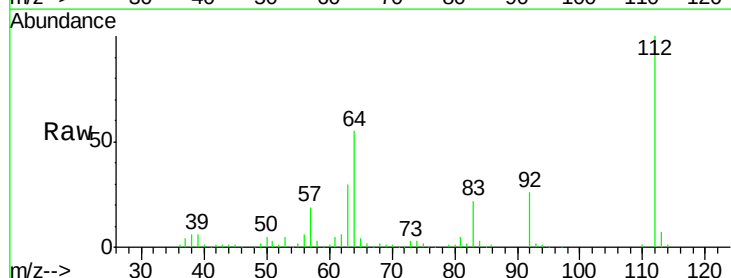
Tgt Ion:112 Resp: 218882

Ion Ratio Lower Upper

112 100

64 54.6 56.3 84.5#

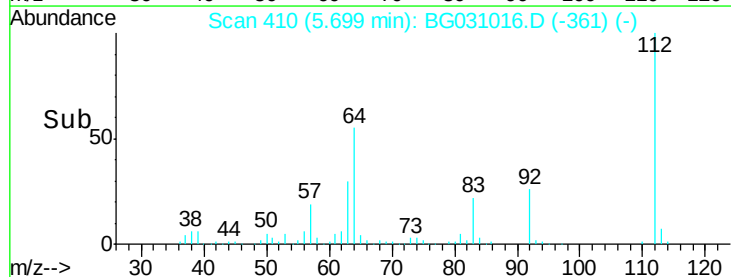
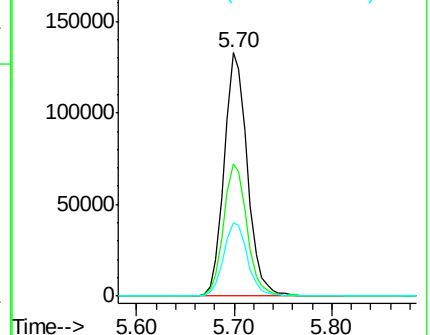
63 30.2 30.1 45.1

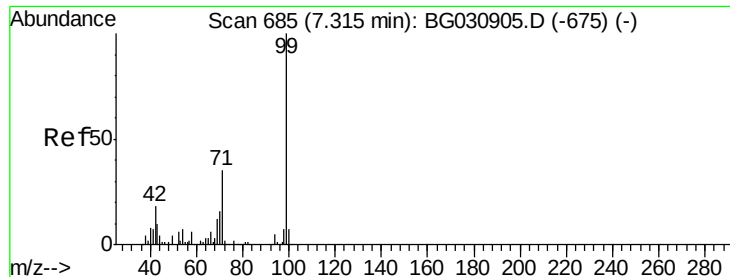


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 82.302 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG031016.D

Acq: 15 Nov 2017 15:33

Instrument :

BNA_G

ClientSampleId :

ADT-WC-01RE

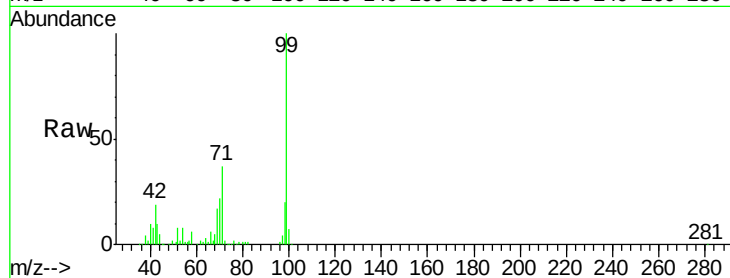
Tgt Ion: 99 Resp: 178025

Ion Ratio Lower Upper

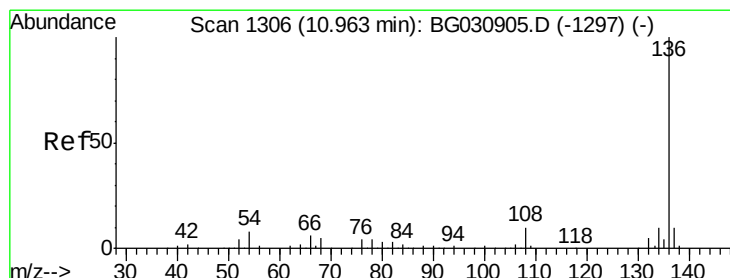
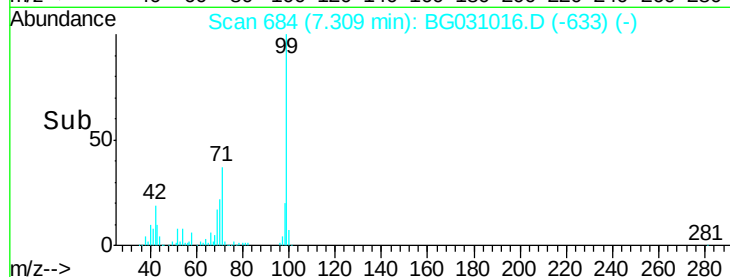
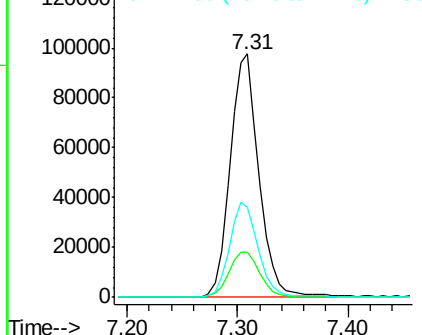
99 100

42 18.7 14.1 21.1

71 36.8 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: 10.96 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG031016.D

Acq: 15 Nov 2017 15:33

Tgt Ion: 136 Resp: 106414

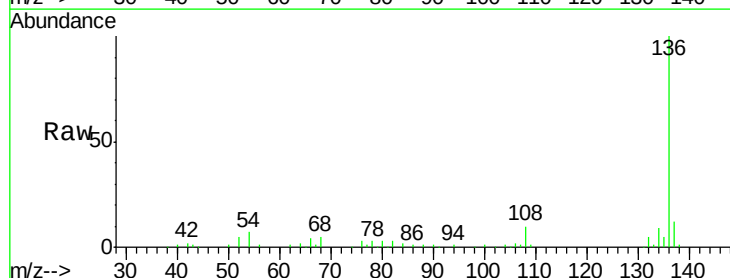
Ion Ratio Lower Upper

136 100

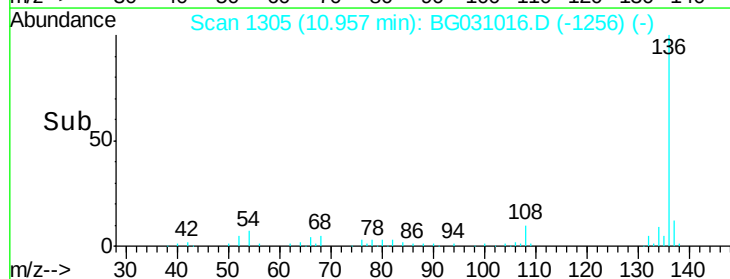
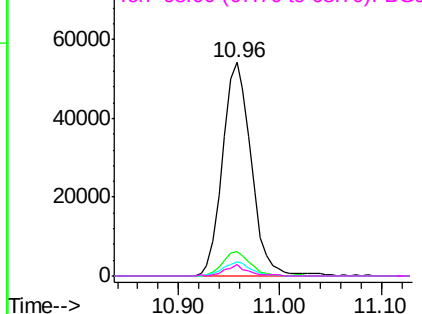
137 11.5 9.2 13.8

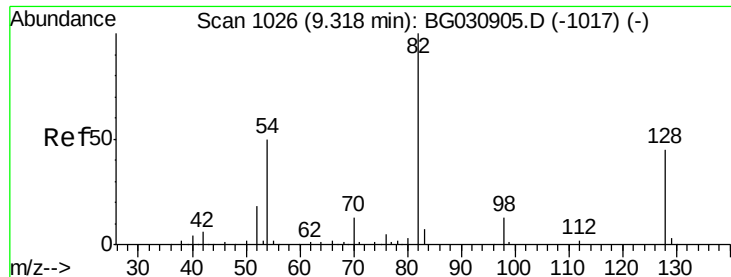
54 6.6 10.3 15.5#

68 5.4 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

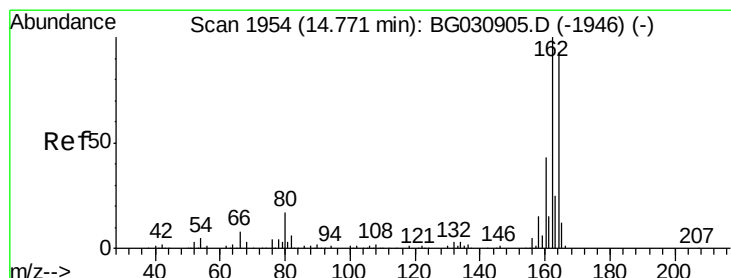
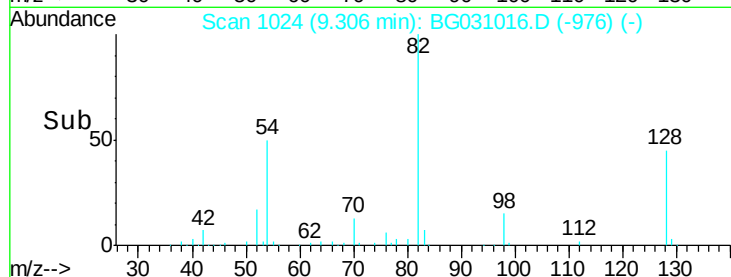
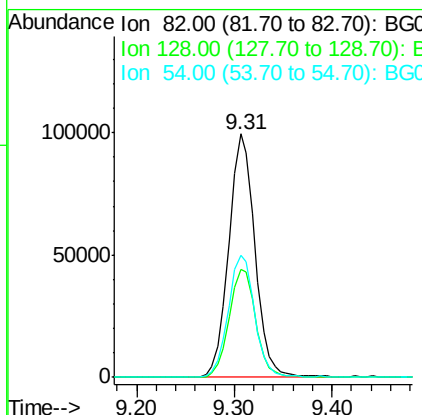
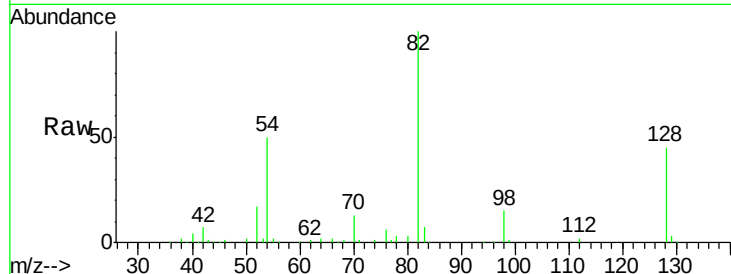




#23
 Nitrobenzene-d5
 Concen: 103.114 ng
 RT: 9.31 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BG031016.D
 Acq: 15 Nov 2017 15:33

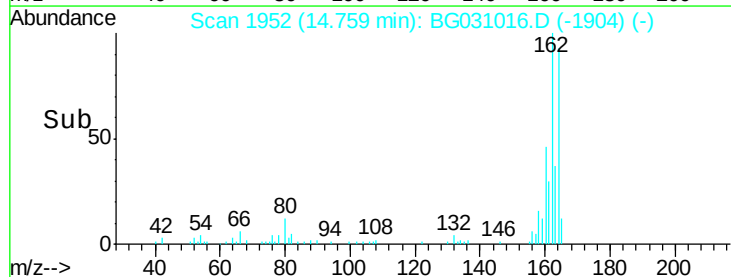
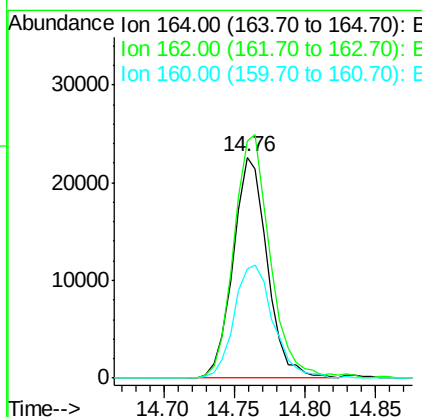
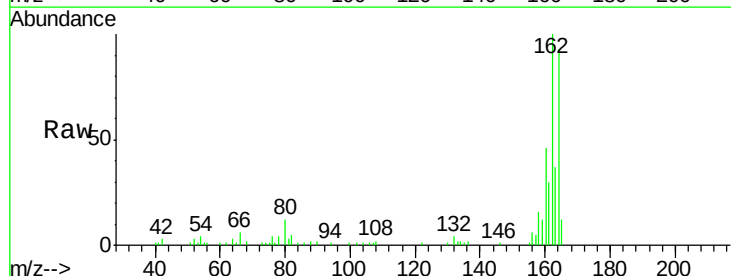
Instrument :
 BNA_G
 ClientSampleId :
 ADT-WC-01RE

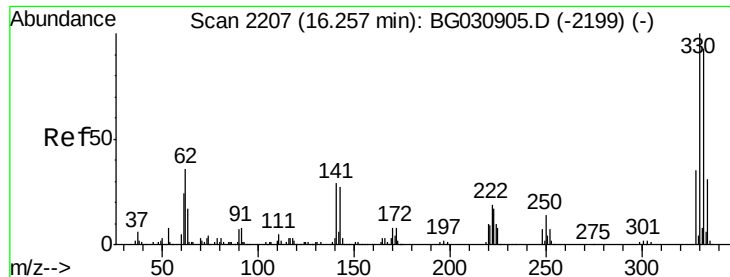
Tgt Ion: 82 Resp: 185175
 Ion Ratio Lower Upper
 82 100
 128 44.6 29.7 44.5#
 54 50.1 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1952
 Delta R.T. -0.02 min
 Lab File: BG031016.D
 Acq: 15 Nov 2017 15:33

Tgt Ion: 164 Resp: 38157
 Ion Ratio Lower Upper
 164 100
 162 107.2 78.8 118.2
 160 49.5 35.4 53.0

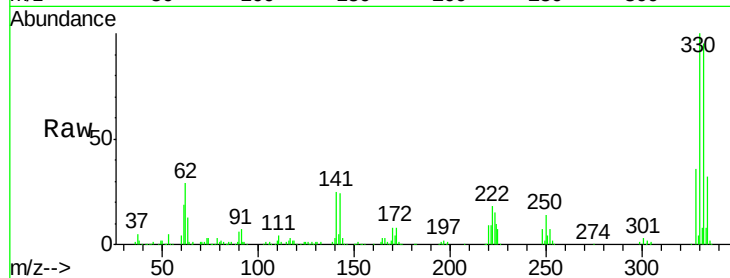




#41
 2,4,6-Tribromophenol
 Concen: 397.819 ng
 RT: 16.25 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG031016.D
 Acq: 15 Nov 2017 15:33

Instrument :
 BNA_G
 ClientSampleId :
 ADT-WC-01RE

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	26.0	25.2	37.8

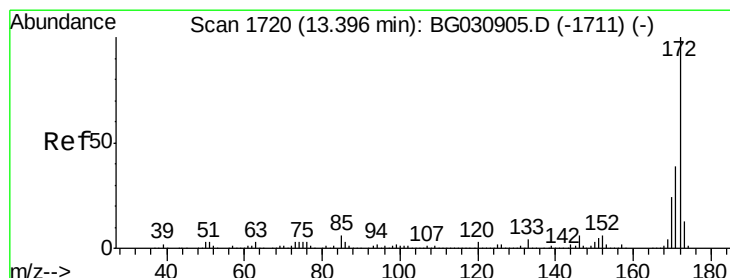
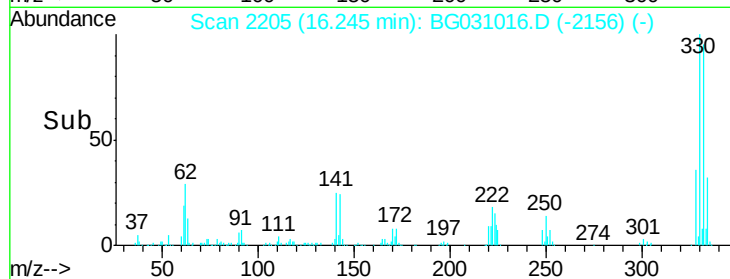
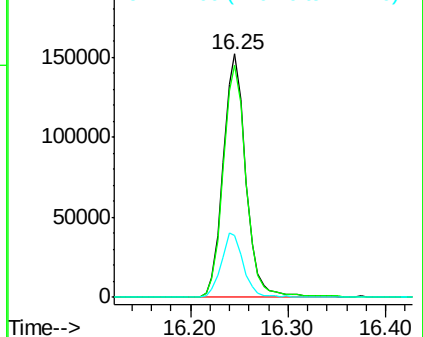


Abundance

Ion 329.80 (329.50 to 330.50): E

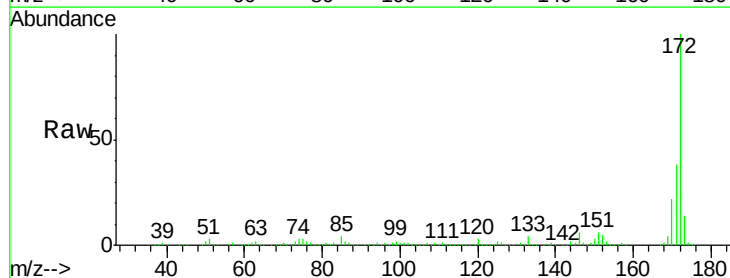
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 225.780 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG031016.D
 Acq: 15 Nov 2017 15:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	22.5	19.5	29.3

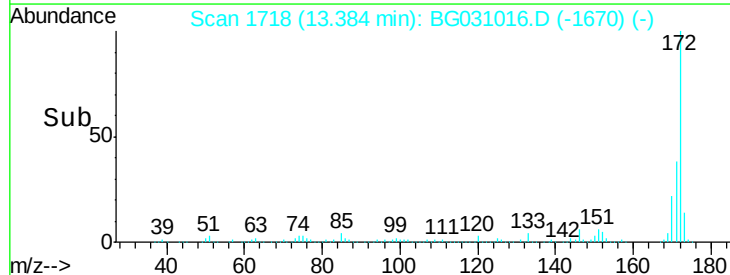
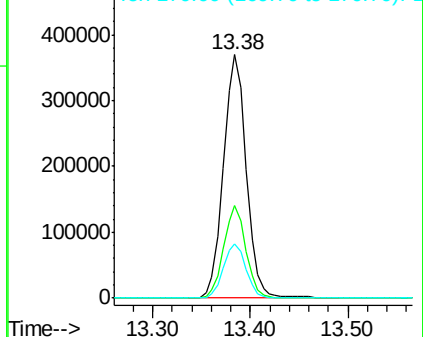


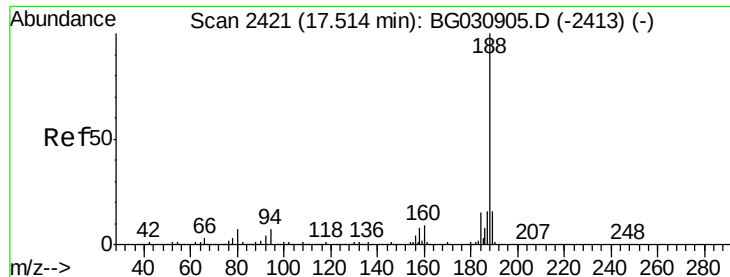
Abundance

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: 17.50 min Scan# 2418

Delta R.T. -0.02 min

Lab File: BG031016.D

Acq: 15 Nov 2017 15:33

Instrument :

BNA_G

ClientSampleId :

ADT-WC-01RE

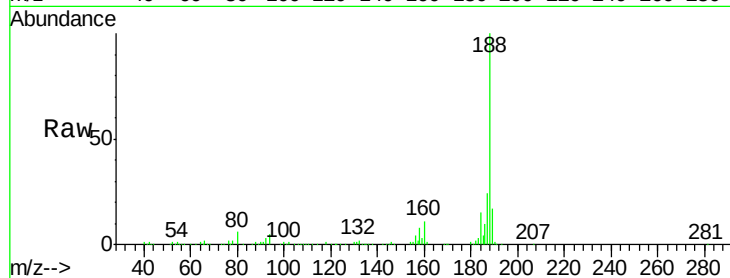
Tgt Ion:188 Resp: 194655

Ion Ratio Lower Upper

188 100

94 4.7 6.9 10.3#

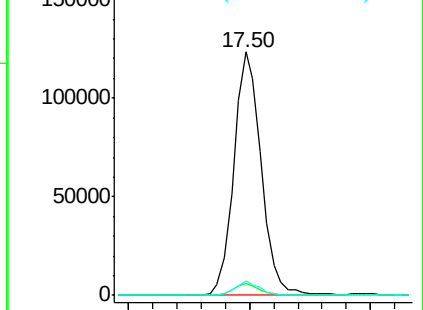
80 5.8 7.7 11.5#



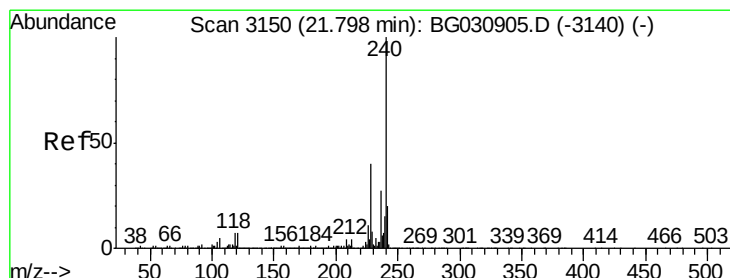
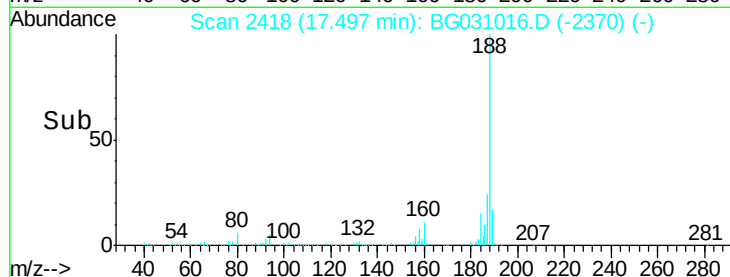
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG031016.D

Acq: 15 Nov 2017 15:33

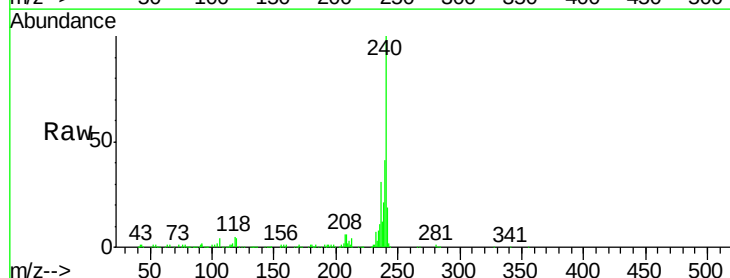
Tgt Ion:240 Resp: 152019

Ion Ratio Lower Upper

240 100

120 4.3 6.8 10.2#

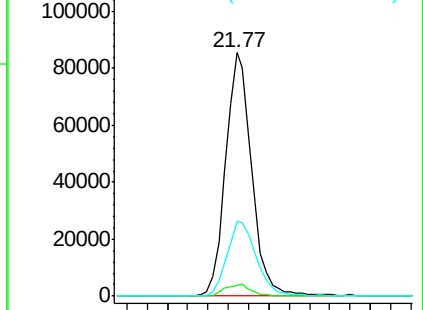
236 30.6 20.9 31.3



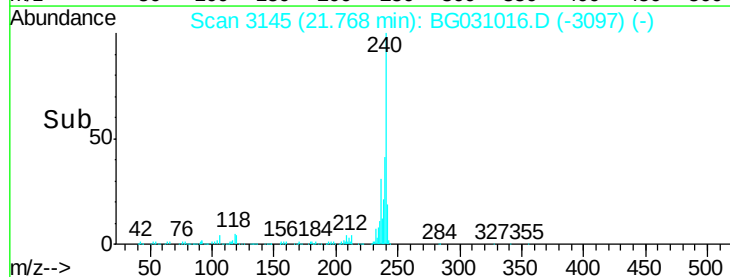
Abundance Ion 240.00 (239.70 to 240.70): E

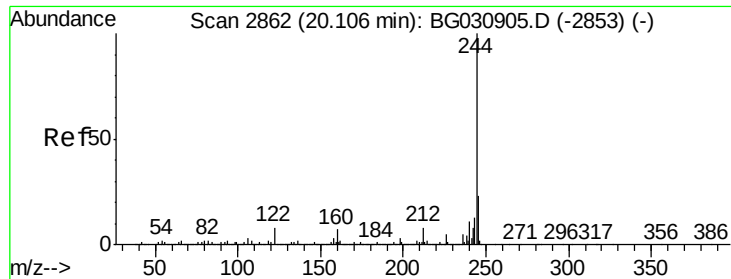
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 197.570 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031016.D

Acq: 15 Nov 2017 15:33

Instrument :

BNA_G

ClientSampleId :

ADT-WC-01RE

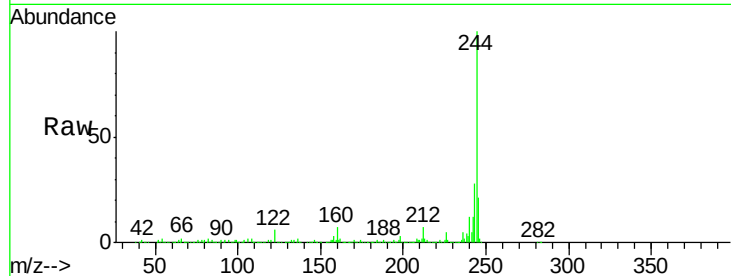
Tgt Ion:244 Resp: 1360199

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

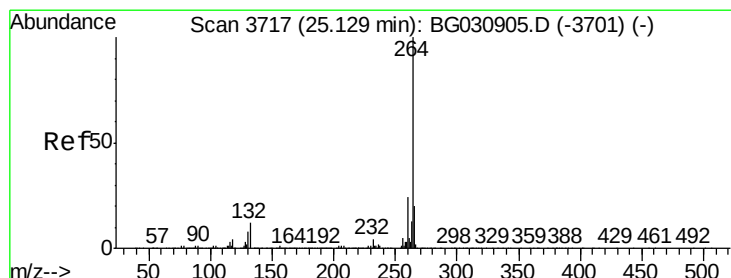
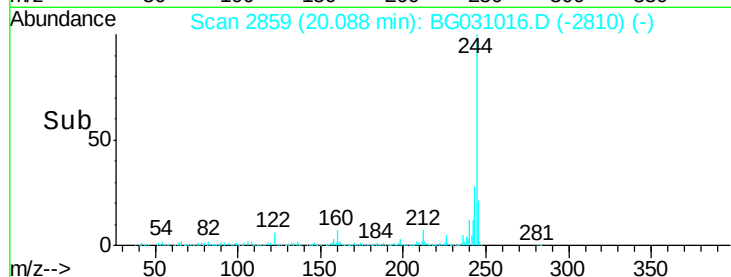
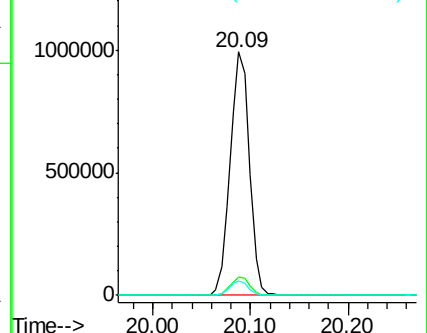
122 6.2 7.0 10.4#



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: 25.08 min Scan# 3708

Delta R.T. -0.02 min

Lab File: BG031016.D

Acq: 15 Nov 2017 15:33

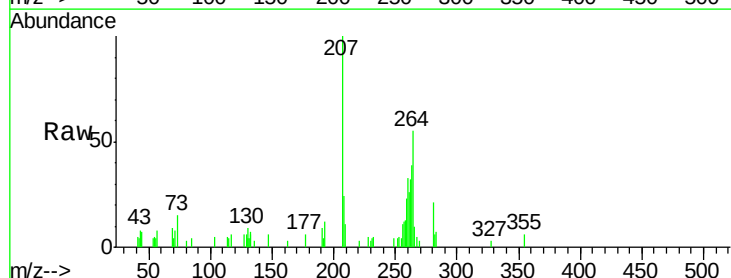
Tgt Ion:264 Resp: 7964

Ion Ratio Lower Upper

264 100

260 60.0 17.4 26.0#

265 18.4 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

