

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120117\
 Data File : BG031344.D
 Acq On : 2 Dec 2017 8:14
 Operator : SJ/JU
 Sample : I6653-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1

Quant Time: Dec 03 22:45:53 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	8.13	152	75091	20.00	ng	-0.03
21) Naphthalene-d8	10.94	136	327676	20.00	ng	-0.03
38) Acenaphthene-d10	14.75	164	209726	20.00	ng	-0.03
63) Phenanthrene-d10	17.49	188	514667	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	568359	20.00	ng	-0.03
86) Perylene-d12	25.06	264	565925	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	283993	64.85	ng	-0.02
7) Phenol-d6	7.29	99	220139	37.31	ng	-0.01
23) Nitrobenzene-d5	9.30	82	537499	97.20	ng	-0.03
41) 2,4,6-Tribromophenol	16.24	330	402568	118.66	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	1477925	101.26	ng	-0.03
78) Terphenyl-d14	20.08	244	2285666	88.80	ng	-0.01

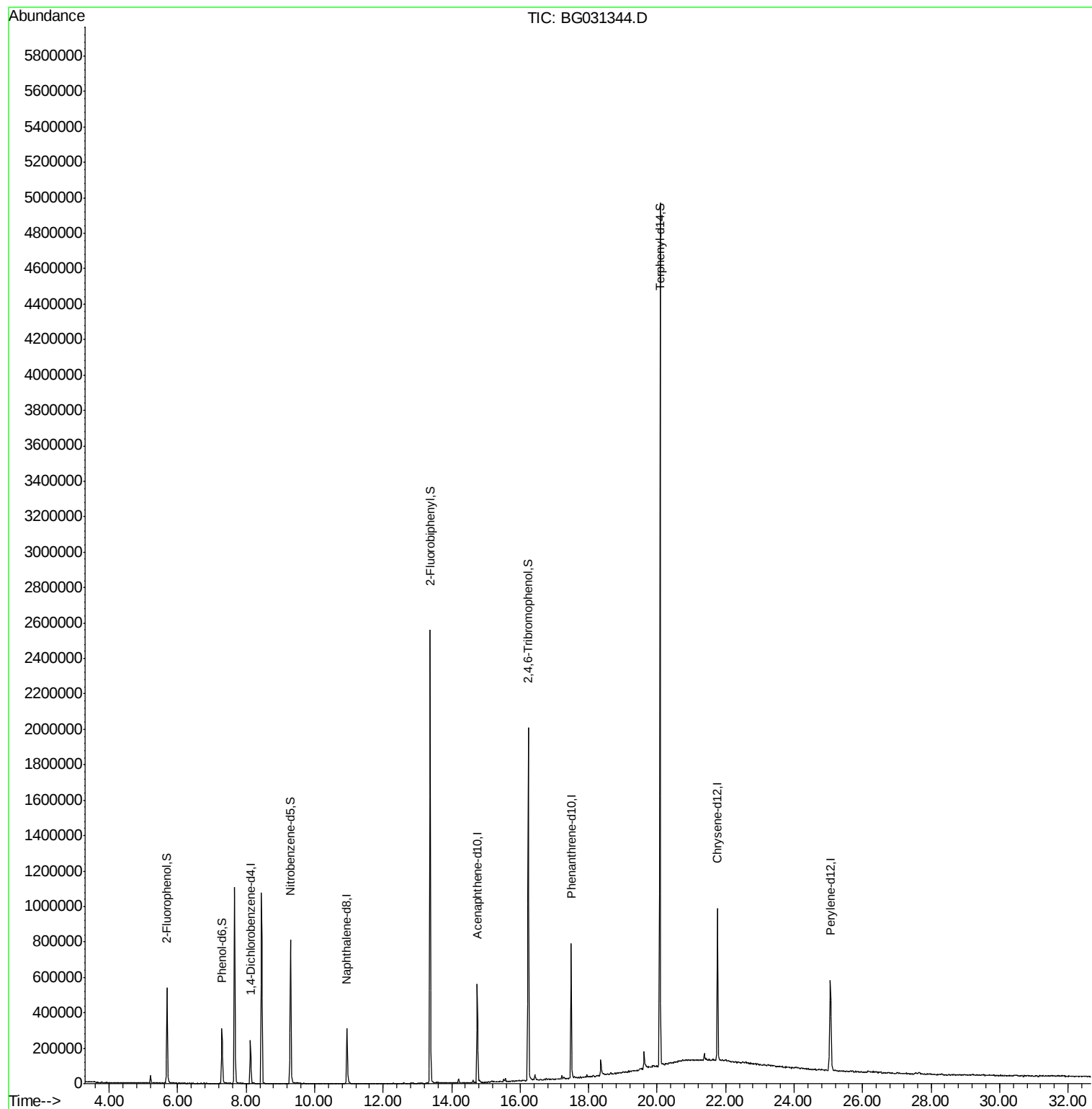
Target Compounds Qvalue

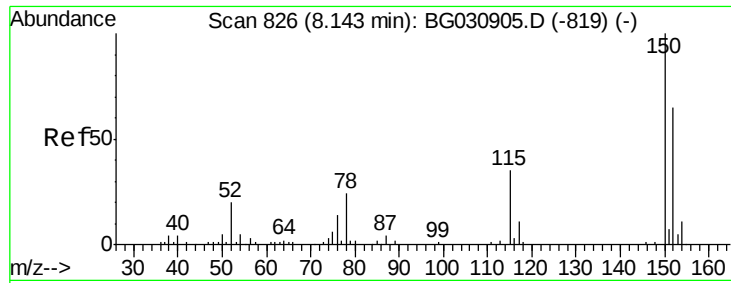
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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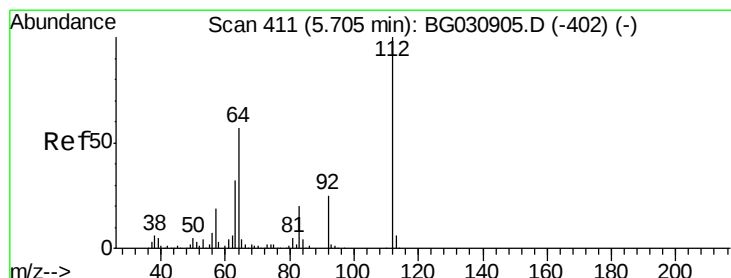
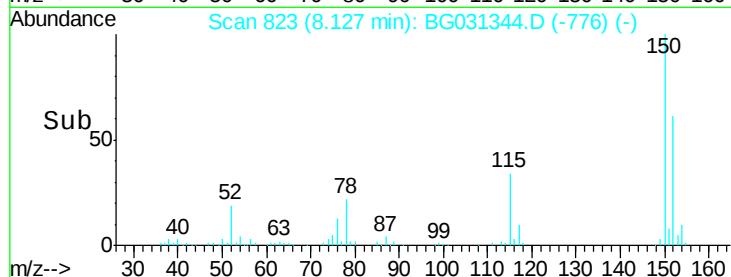
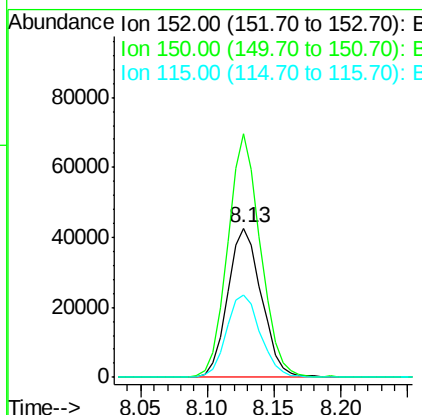
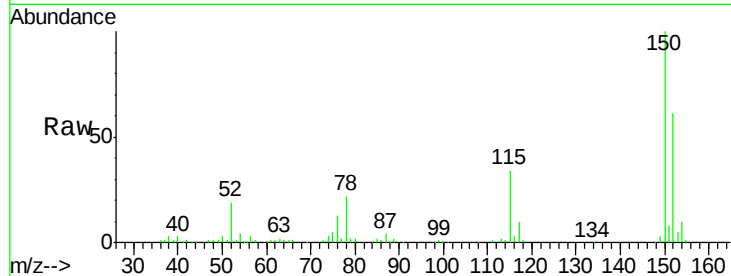


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 823
Delta R.T. -0.03 min
Lab File: BG031344.D
Acq: 2 Dec 2017 8:14

Instrument :
BNA_G
ClientSampleId :
MW-1

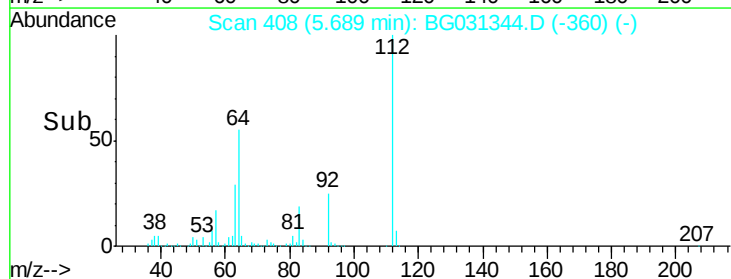
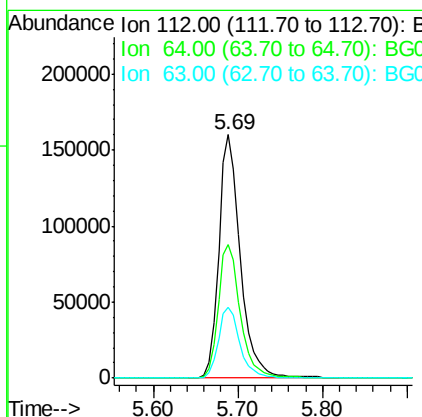
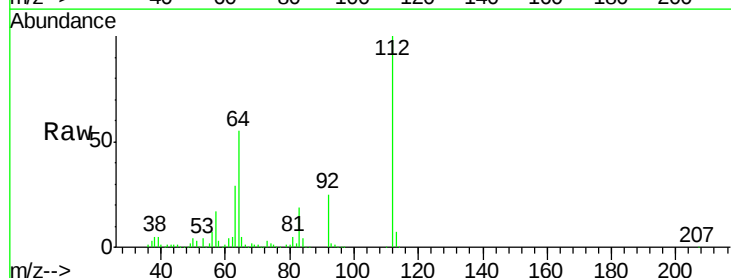
Tot Ion:152 Resp: 75091
Ion Ratio Lower Upper
152 100
150 163.1 126.6 189.8
115 55.3 53.0 79.4

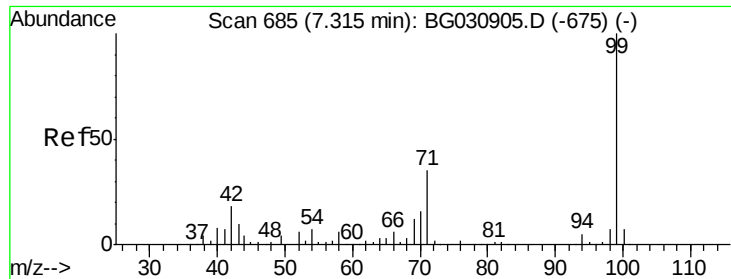


#5

2-Fluorophenol
Concen: 64.85 ng
RT: 5.69 min Scan# 408
Delta R.T. -0.02 min
Lab File: BG031344.D
Acq: 2 Dec 2017 8:14

Tgt Ion:112 Resp: 283993
Ion Ratio Lower Upper
112 100
64 54.8 56.3 84.5#
63 29.2 30.1 45.1#





#7

Phenol-d6

Concen: 37.31 ng

RT: 7.29 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG031344.D

Acq: 2 Dec 2017 8:14

Instrument :

BNA_G

ClientSampled :

MW-1

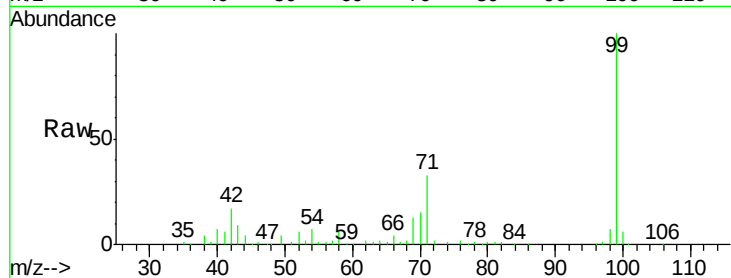
Tot Ion: 99 Resp: 220139

Ion Ratio Lower Upper

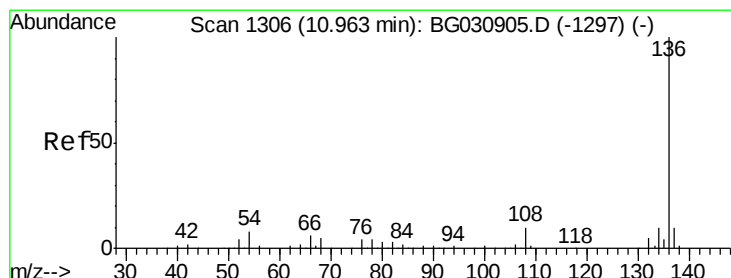
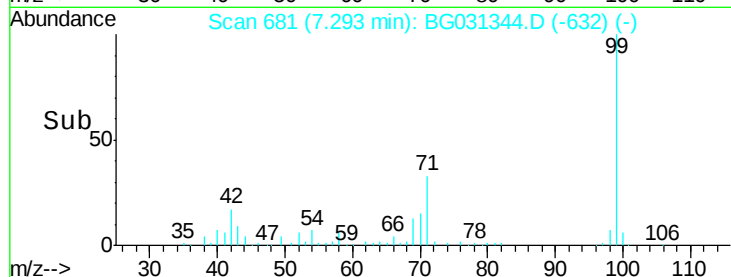
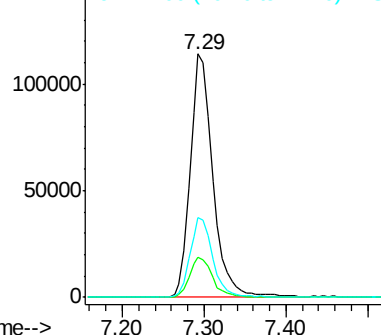
99 100

42 16.7 14.1 21.1

71 32.9 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: 10.94 min Scan# 1302

Delta R.T. -0.03 min

Lab File: BG031344.D

Acq: 2 Dec 2017 8:14

Tgt Ion: 136 Resp: 327676

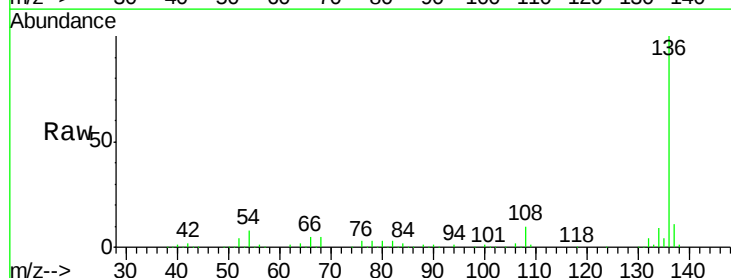
Ion Ratio Lower Upper

136 100

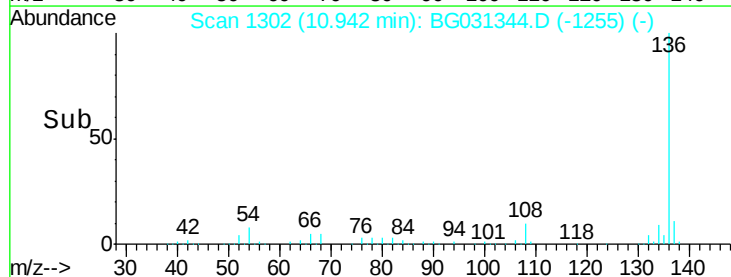
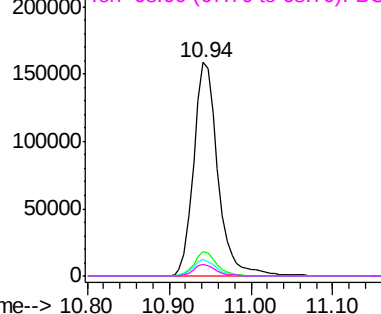
137 11.3 9.2 13.8

54 7.6 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

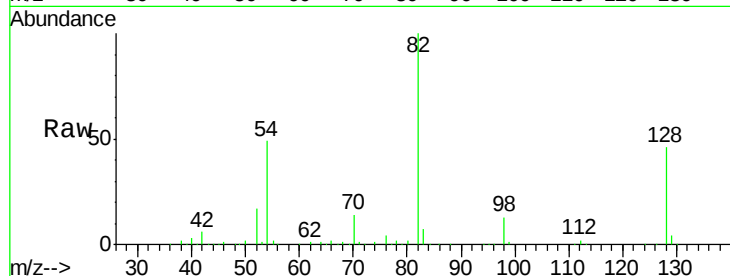




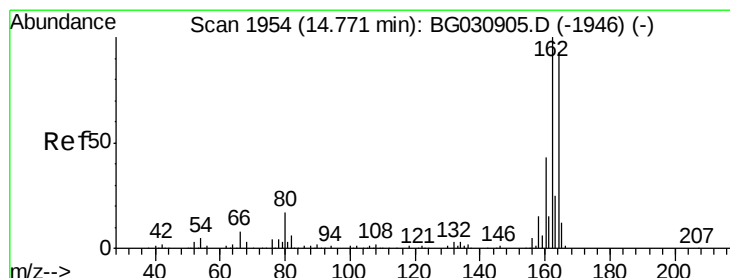
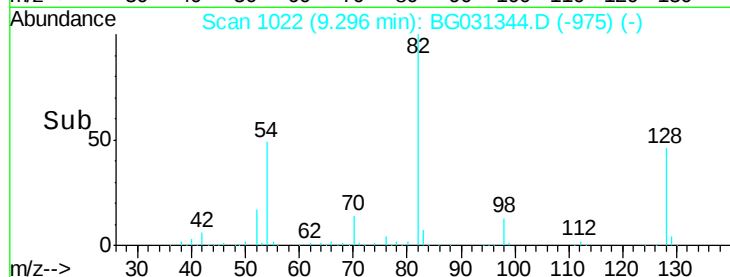
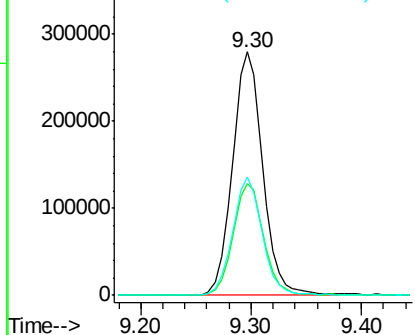
#23
Nitrobenzene-d5
Concen: 97.20 ng
RT: 9.30 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BG031344.D
Acq: 2 Dec 2017 8:14

Instrument :
BNA_G
ClientSampled :
MW-1

Tot Ion: 82 Resp: 537499
Ion Ratio Lower Upper
82 100
128 46.1 29.7 44.5#
54 48.7 43.1 64.7

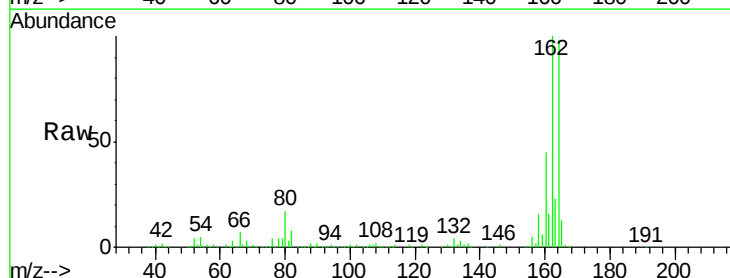


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

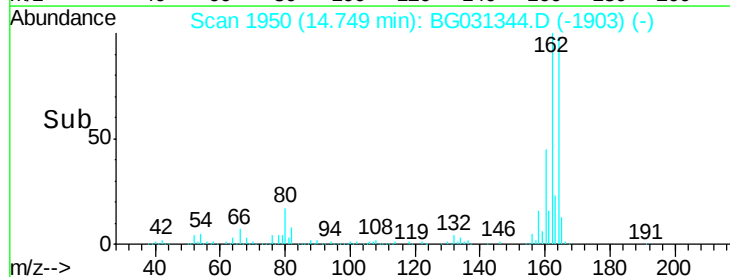
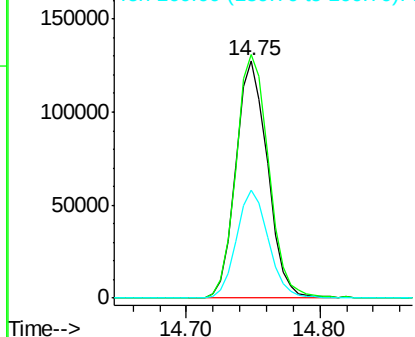


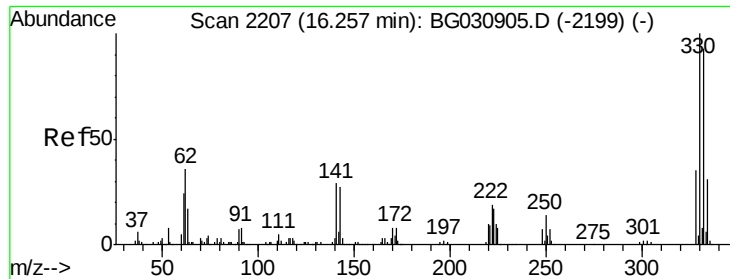
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 1950
Delta R.T. -0.03 min
Lab File: BG031344.D
Acq: 2 Dec 2017 8:14

Tgt Ion:164 Resp: 209726
Ion Ratio Lower Upper
164 100
162 102.5 78.8 118.2
160 45.7 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

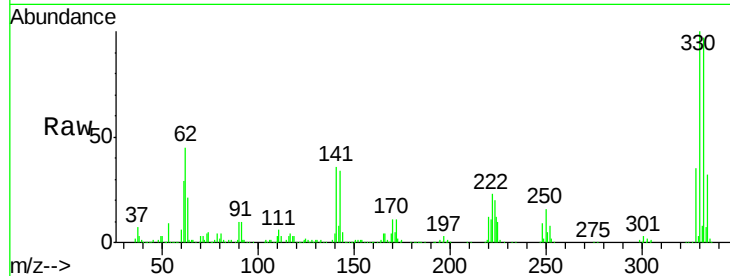




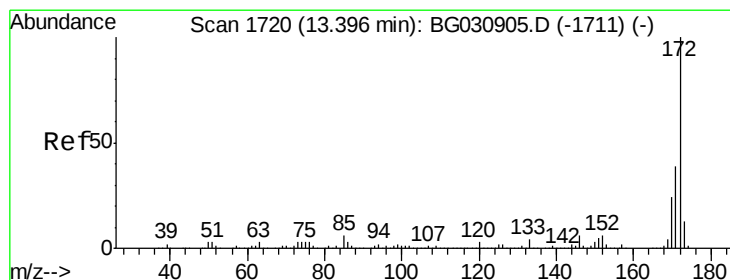
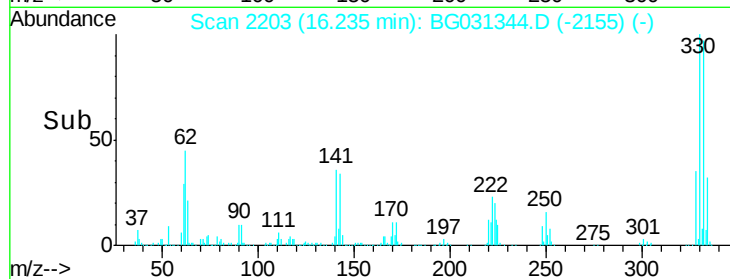
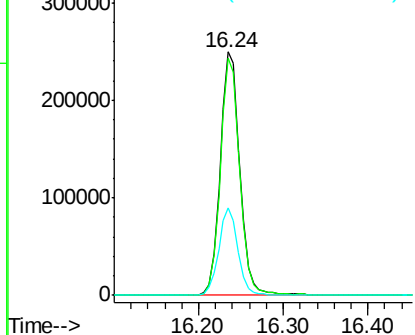
#41
 2,4,6-Tribromophenol
 Concen: 118.66 ng
 RT: 16.24 min Scan# 2203
 Delta R.T. -0.02 min
 Lab File: BG031344.D
 Acq: 2 Dec 2017 8:14

Instrument :
 BNA_G
 ClientSampleId :
 MW-1

Tot Ion:330 Resp: 402568
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 35.4 25.2 37.8

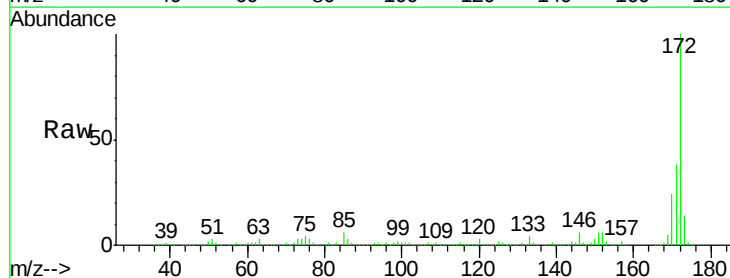


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

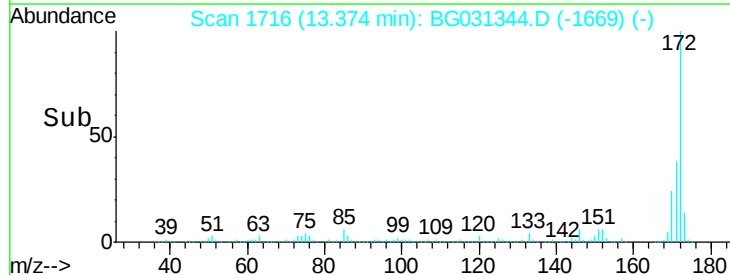
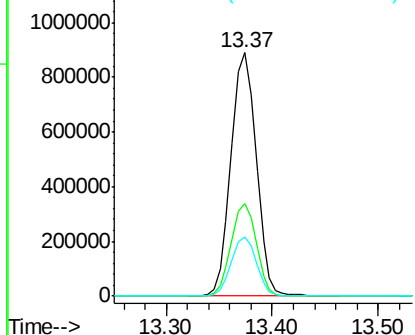


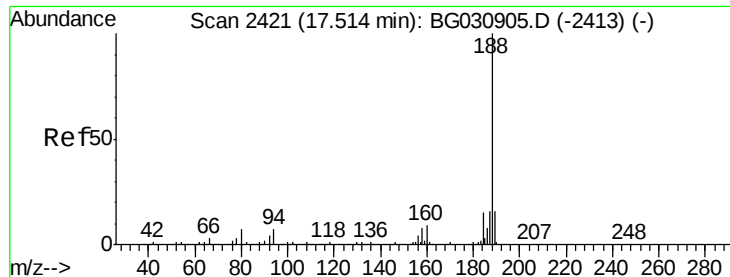
#44
 2-Fluorobiphenyl
 Concen: 101.26 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.03 min
 Lab File: BG031344.D
 Acq: 2 Dec 2017 8:14

Tgt Ion:172 Resp: 1477925
 Ion Ratio Lower Upper
 172 100
 171 38.3 30.0 45.0
 170 24.5 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: 20.00 ng

RT: 17.49 min Scan# 2417

Delta R.T. -0.02 min

Lab File: BG031344.D

Acq: 2 Dec 2017 8:14

Instrument :

BNA_G

ClientSampleId :

MW-1

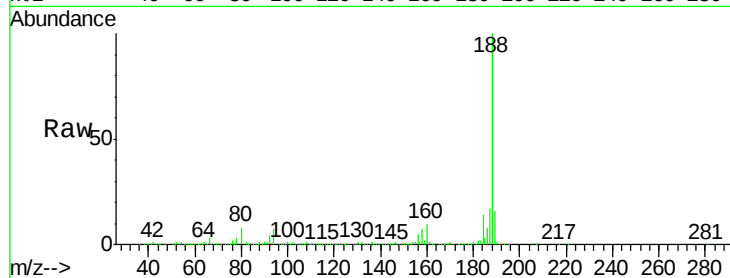
Tot Ion:188 Resp: 514667

Ion Ratio Lower Upper

188 100

94 6.9 6.9 10.3#

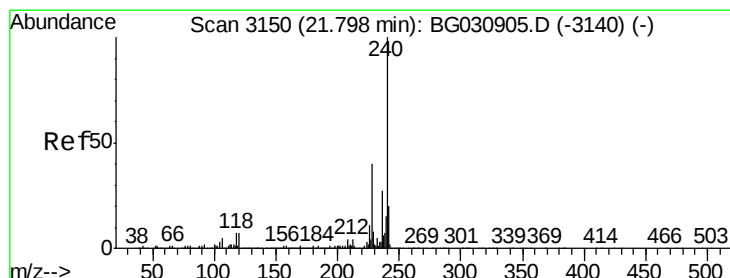
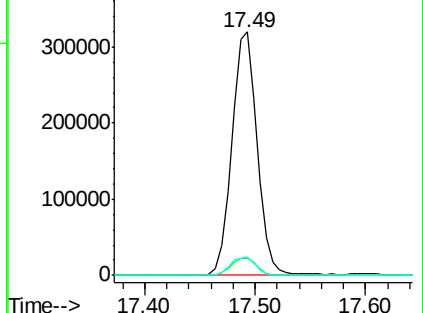
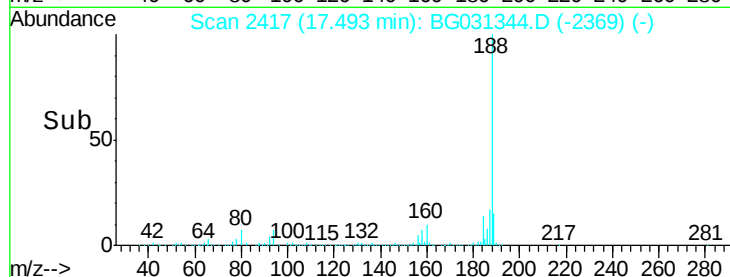
80 7.6 7.7 11.5#



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: 21.76 min Scan# 3143

Delta R.T. -0.03 min

Lab File: BG031344.D

Acq: 2 Dec 2017 8:14

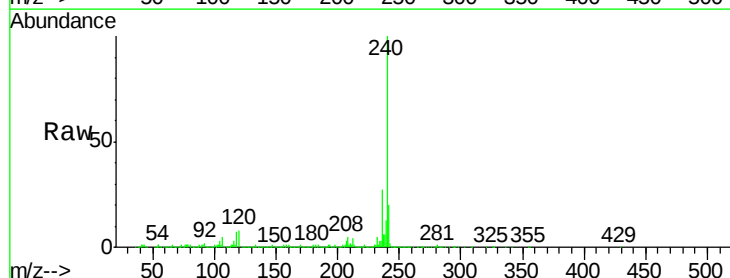
Tgt Ion:240 Resp: 568359

Ion Ratio Lower Upper

240 100

120 8.2 6.8 10.2

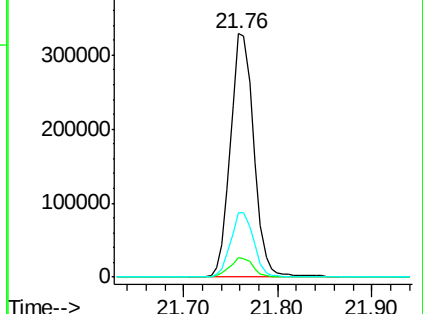
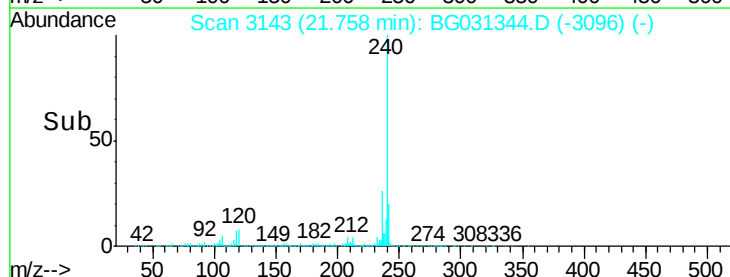
236 26.5 20.9 31.3



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: 88.80 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG031344.D

Acq: 2 Dec 2017 8:14

Instrument :

BNA_G

ClientSampleId :

MW-1

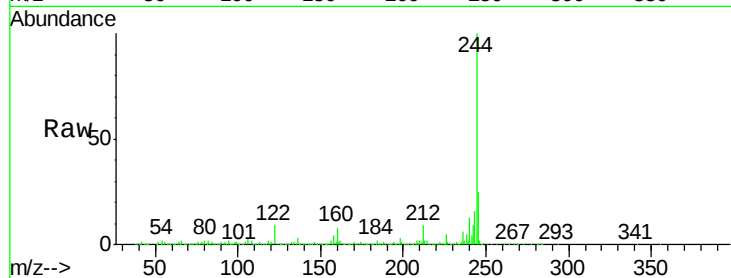
Tot Ion:244 Resp: 2285666

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

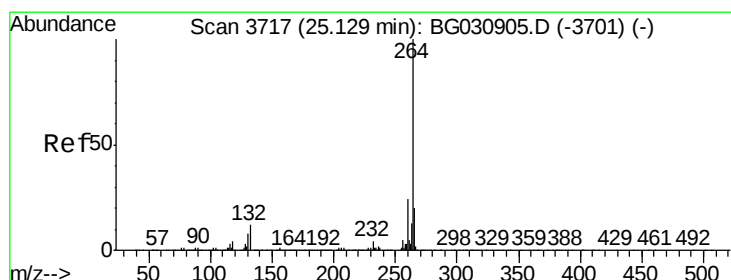
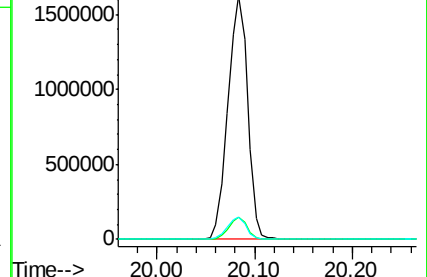
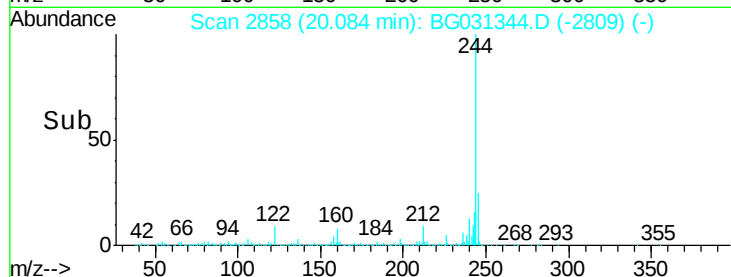
122 9.1 7.0 10.4



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: 25.06 min Scan# 3705

Delta R.T. -0.03 min

Lab File: BG031344.D

Acq: 2 Dec 2017 8:14

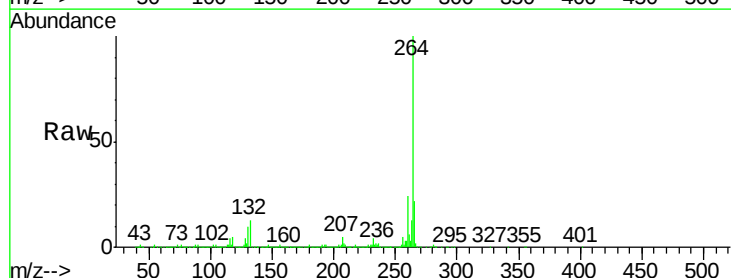
Tgt Ion:264 Resp: 565925

Ion Ratio Lower Upper

264 100

260 24.2 17.4 26.0

265 21.6 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

