

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120117\
 Data File : BG031345.D
 Acq On : 2 Dec 2017 8:52
 Operator : SJ/JU
 Sample : I6653-07
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PMW-2

Quant Time: Dec 03 22:46:06 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	66798	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	295735	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	194604	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	496265	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	548365	20.00	ng	-0.02
86) Perylene-d12	25.06	264	540784	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	226367	58.11	ng	-0.02
7) Phenol-d6	7.29	99	181691	34.62	ng	-0.01
23) Nitrobenzene-d5	9.29	82	460739	92.32	ng	-0.03
41) 2,4,6-Tribromophenol	16.24	330	359165	114.09	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	1301649	96.11	ng	-0.02
78) Terphenyl-d14	20.08	244	2262649	91.11	ng	-0.02

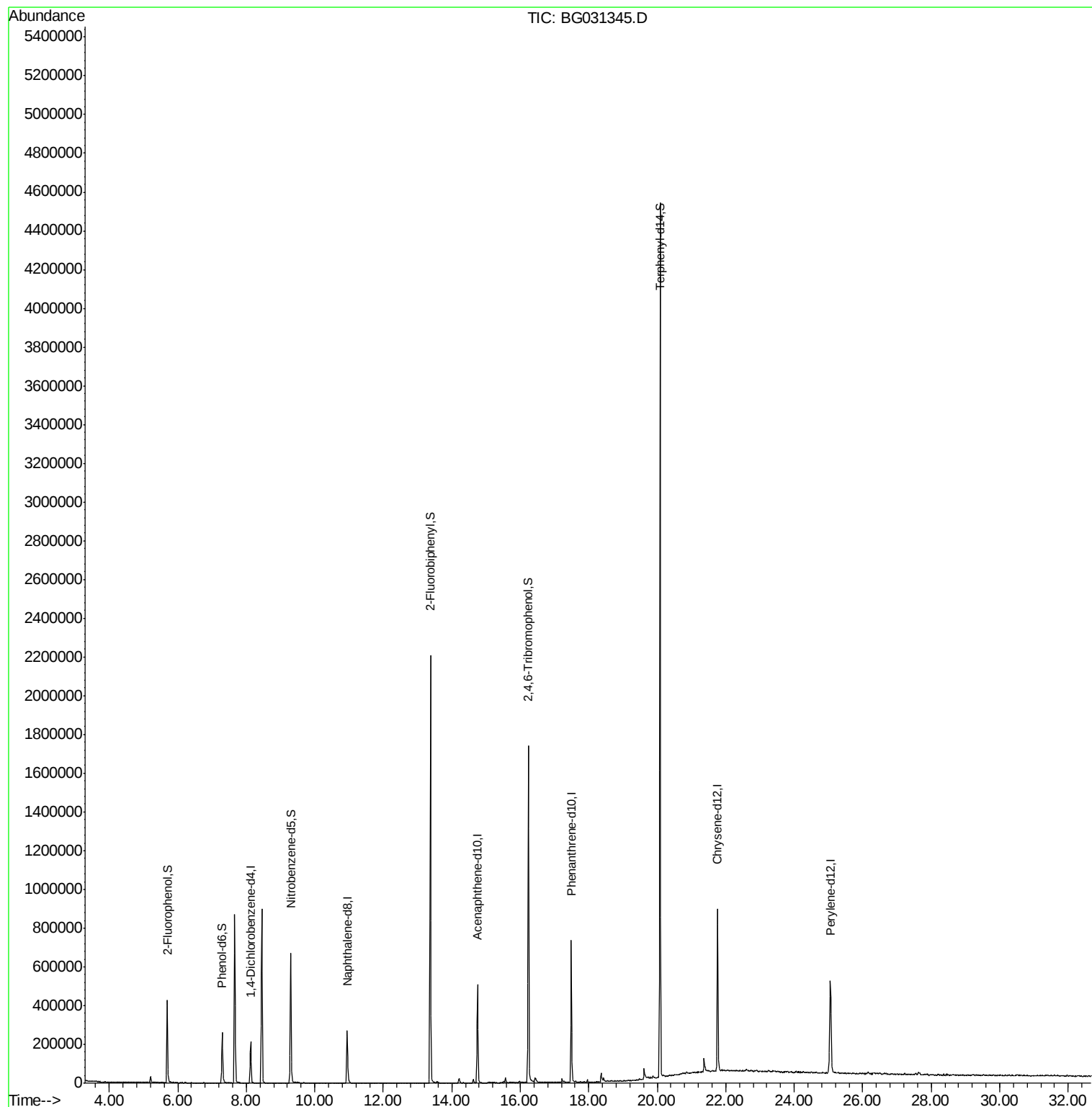
Target Compounds Qvalue

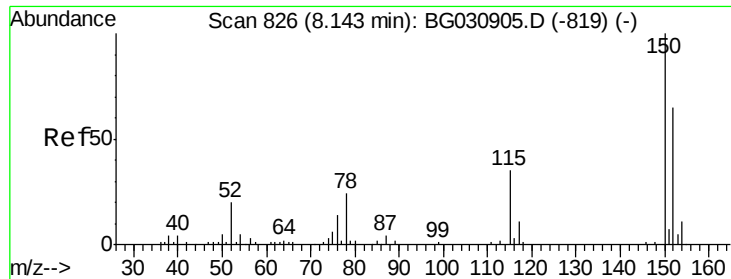
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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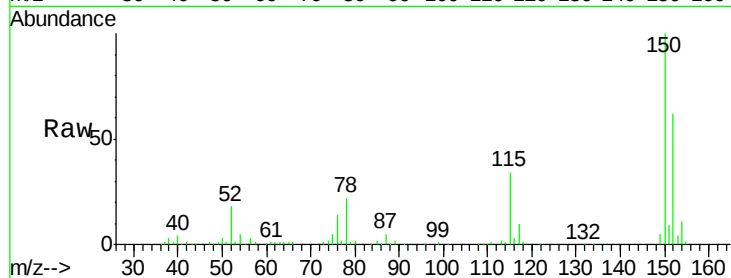




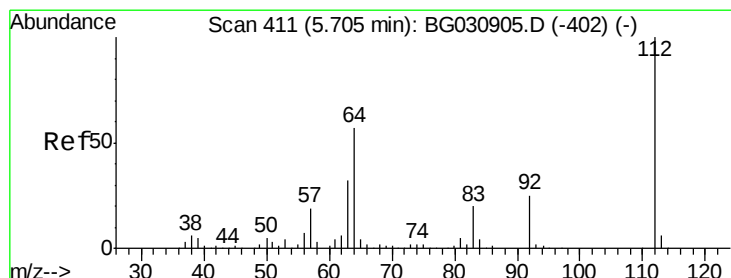
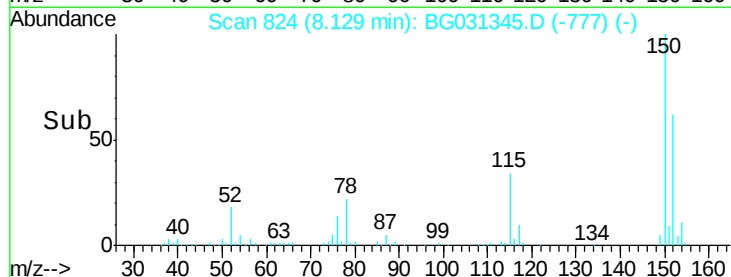
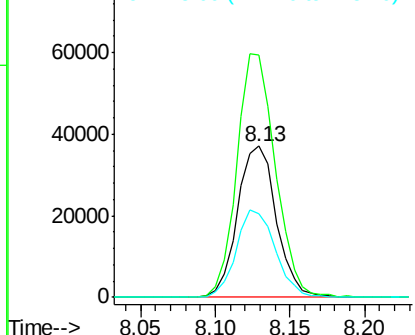
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.13 min Scan# 824
 Delta R.T. -0.02 min
 Lab File: BG031345.D
 Acq: 2 Dec 2017 8:52

Instrument :
 BNA_G
 ClientSampleId :
 PMW-2

Tot Ion:152 Resp: 66798
 Ion Ratio Lower Upper
 152 100
 150 160.8 126.6 189.8
 115 55.4 53.0 79.4

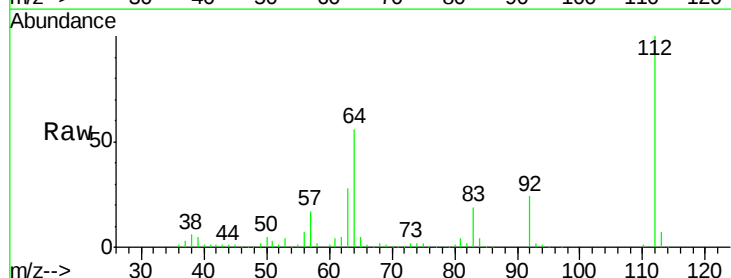


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

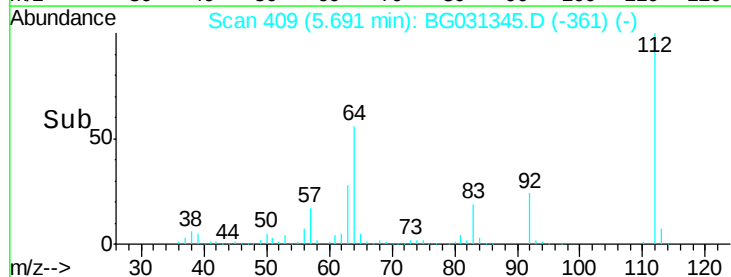
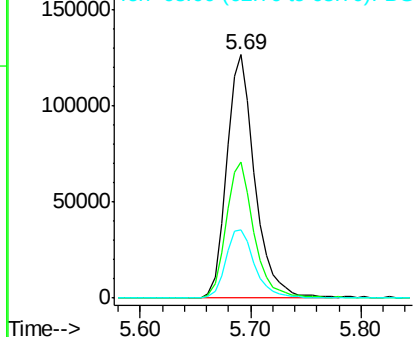


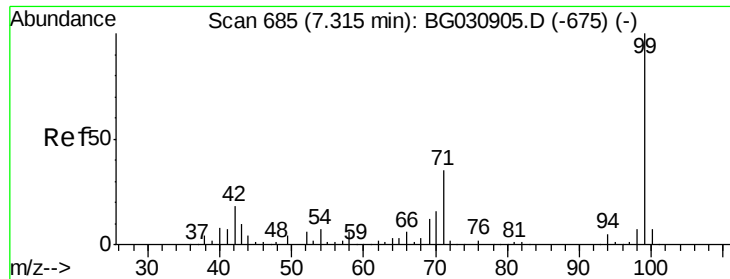
#5
 2-Fluorophenol
 Concen: 58.11 ng
 RT: 5.69 min Scan# 409
 Delta R.T. -0.02 min
 Lab File: BG031345.D
 Acq: 2 Dec 2017 8:52

Tgt Ion:112 Resp: 226367
 Ion Ratio Lower Upper
 112 100
 64 56.0 56.3 84.5#
 63 28.1 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: 34.62 ng

RT: 7.29 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031345.D

Acq: 2 Dec 2017 8:52

Instrument :

BNA_G

ClientSampleId :

PMW-2

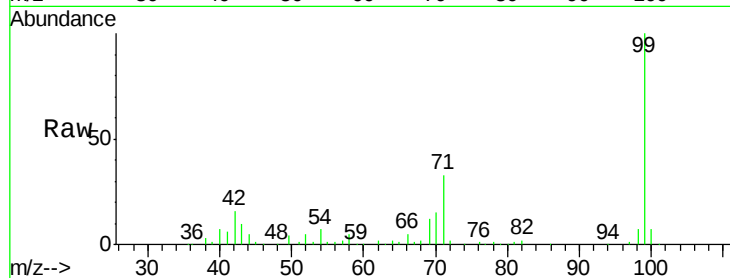
Tot Ion: 99 Resp: 181691

Ion Ratio Lower Upper

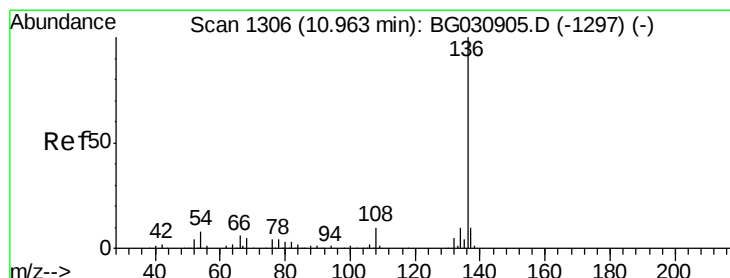
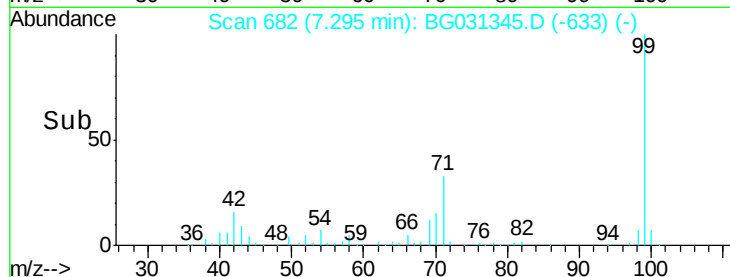
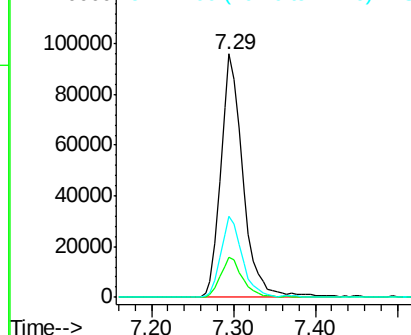
99 100

42 16.4 14.1 21.1

71 33.4 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# 1303

Delta R.T. -0.02 min

Lab File: BG031345.D

Acq: 2 Dec 2017 8:52

Tgt Ion: 136 Resp: 295735

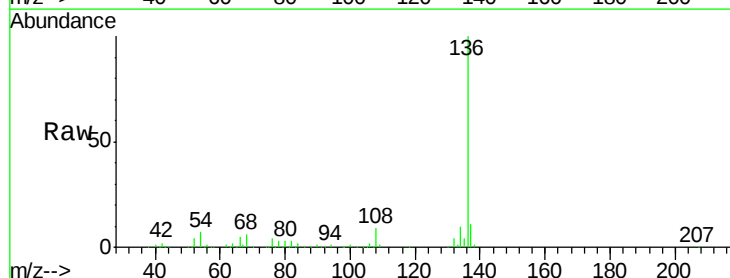
Ion Ratio Lower Upper

136 100

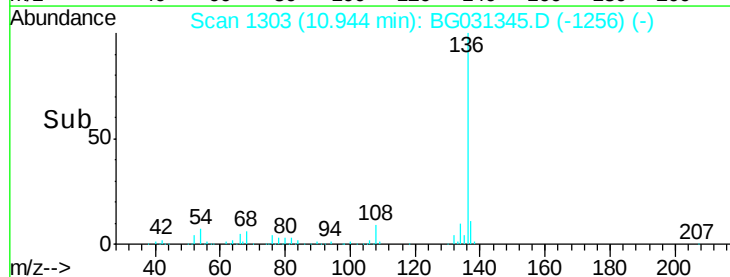
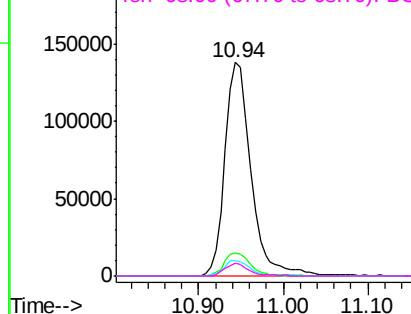
137 10.8 9.2 13.8

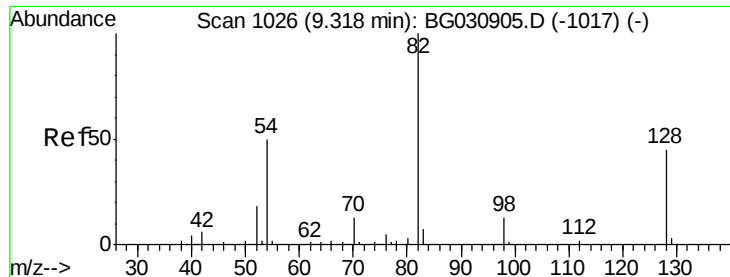
54 7.4 10.3 15.5#

68 5.9 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

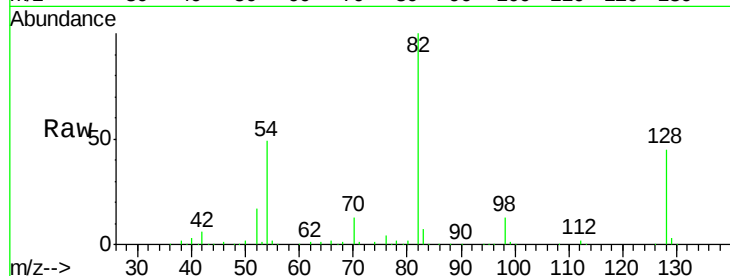




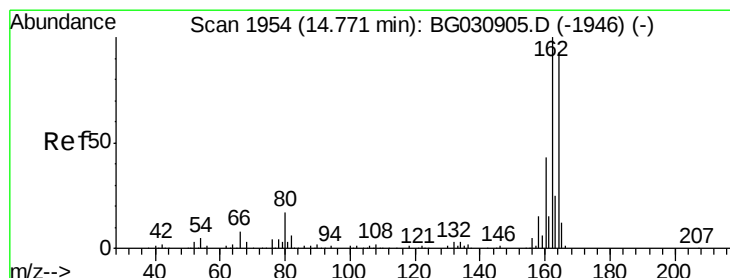
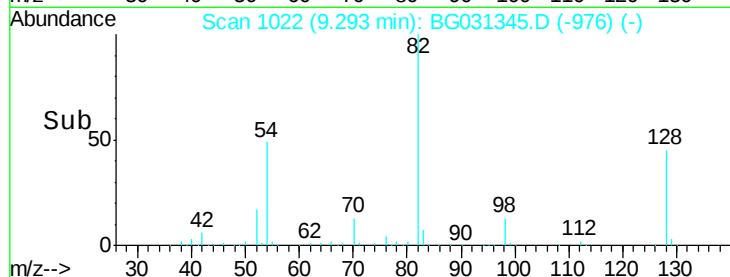
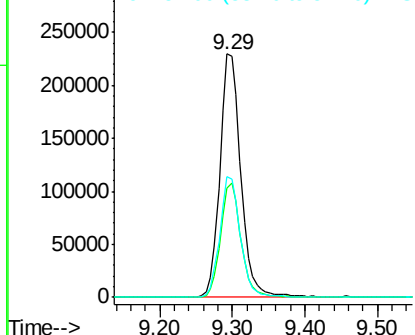
#23
 Nitrobenzene-d5
 Concen: 92.32 ng
 RT: 9.29 min Scan# 1022
 Delta R.T. -0.03 min
 Lab File: BG031345.D
 Acq: 2 Dec 2017 8:52

Instrument :
 BNA_G
 ClientSampleId :
 PMW-2

Tot Ion: 82 Resp: 460739
 Ion Ratio Lower Upper
 82 100
 128 44.7 29.7 44.5#
 54 49.4 43.1 64.7

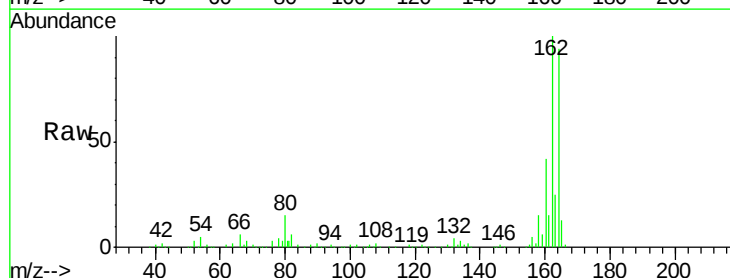


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

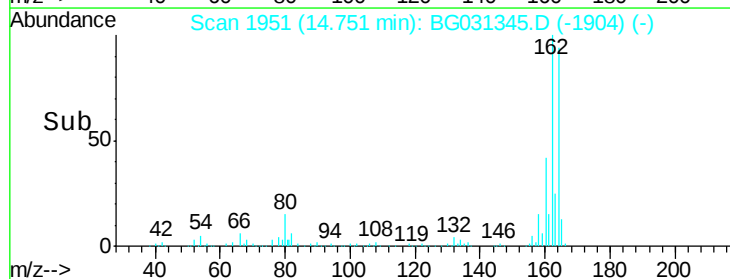
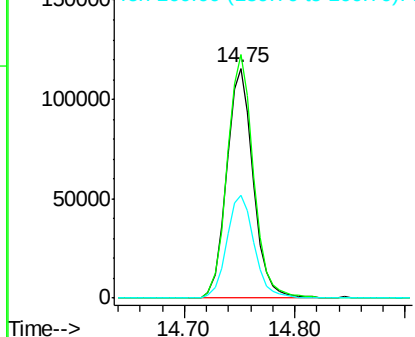


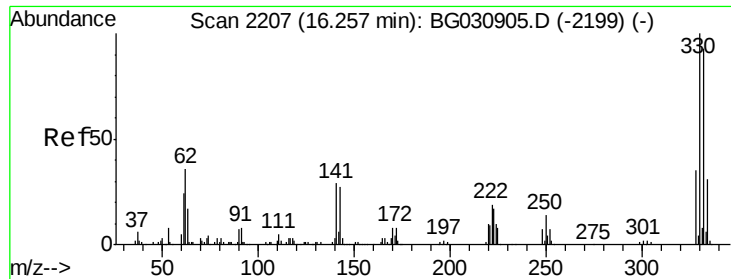
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 1951
 Delta R.T. -0.02 min
 Lab File: BG031345.D
 Acq: 2 Dec 2017 8:52

Tgt Ion: 164 Resp: 194604
 Ion Ratio Lower Upper
 164 100
 162 106.1 78.8 118.2
 160 44.6 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

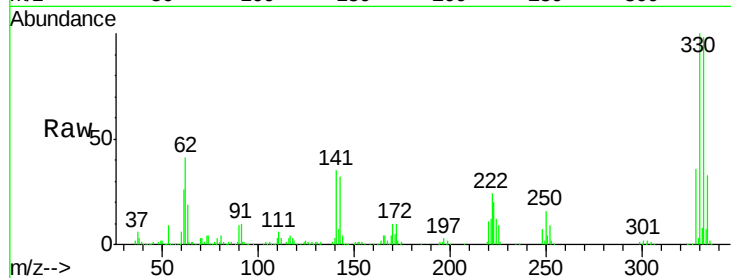




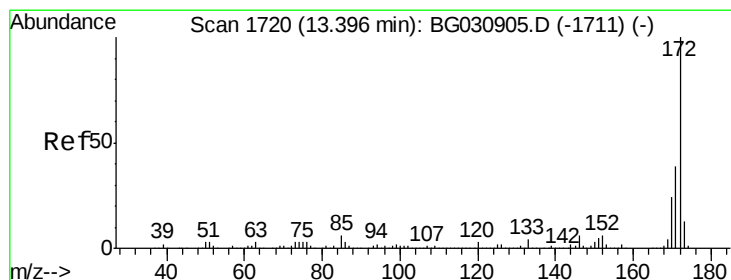
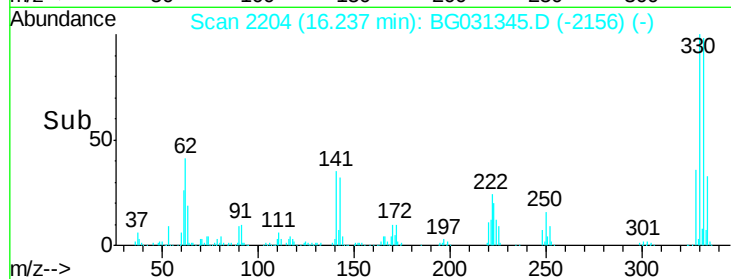
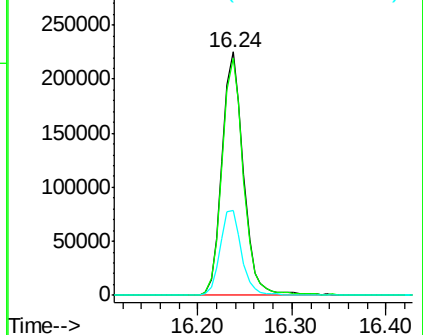
#41
 2,4,6-Tribromophenol
 Concen: 114.09 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG031345.D
 Acq: 2 Dec 2017 8:52

Instrument :
 BNA_G
 ClientSampleId :
 PMW-2

Tot Ion:330 Resp: 359165
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 35.4 25.2 37.8

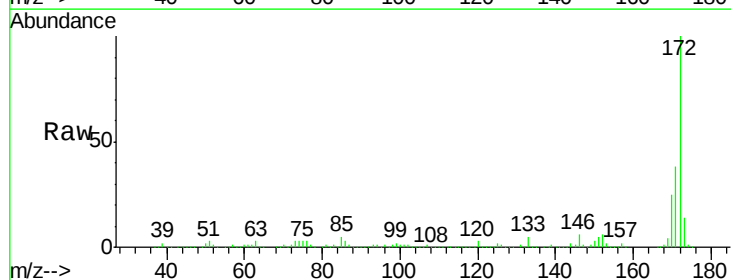


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

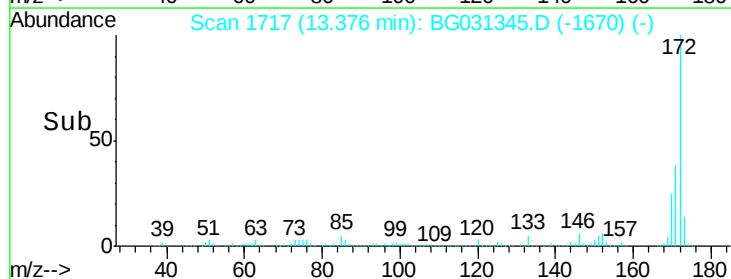
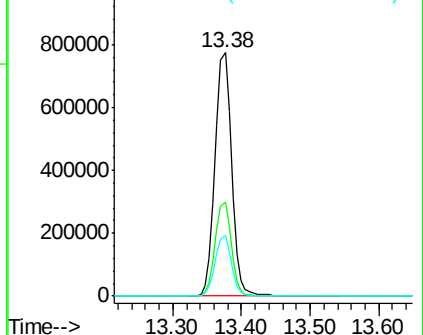


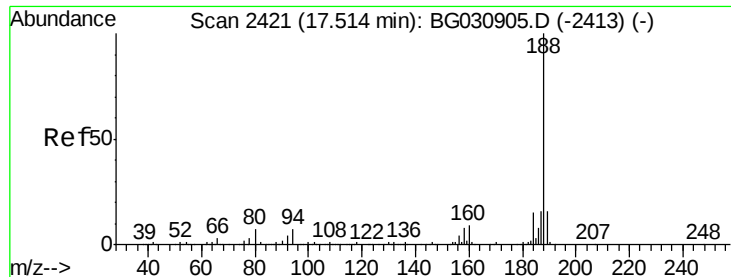
#44
 2-Fluorobiphenyl
 Concen: 96.11 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031345.D
 Acq: 2 Dec 2017 8:52

Tgt Ion:172 Resp: 1301649
 Ion Ratio Lower Upper
 172 100
 171 38.3 30.0 45.0
 170 24.6 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

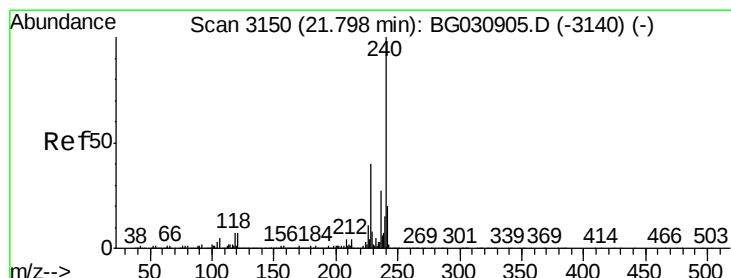
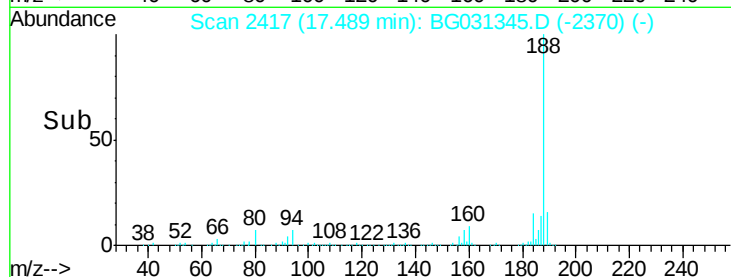
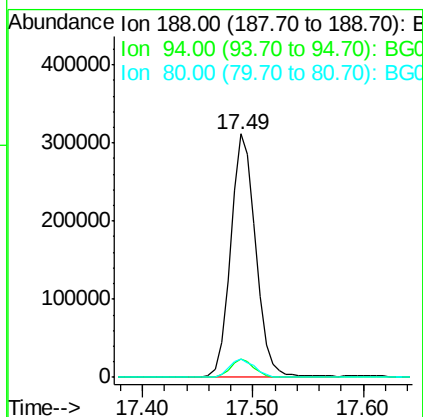
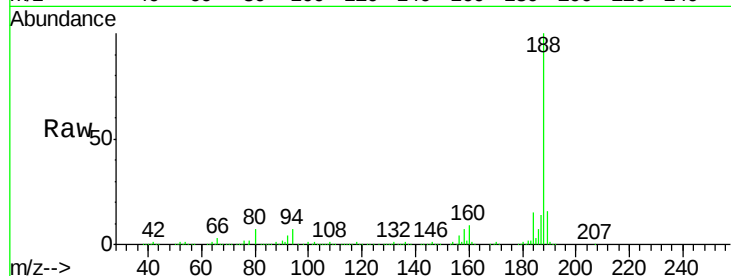




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG031345.D
Acq: 2 Dec 2017 8:52

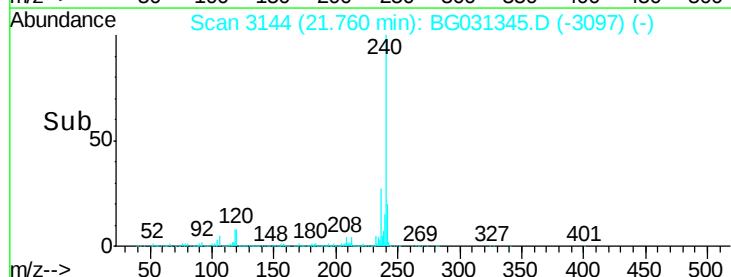
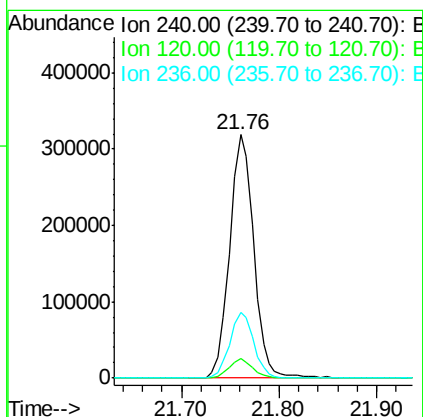
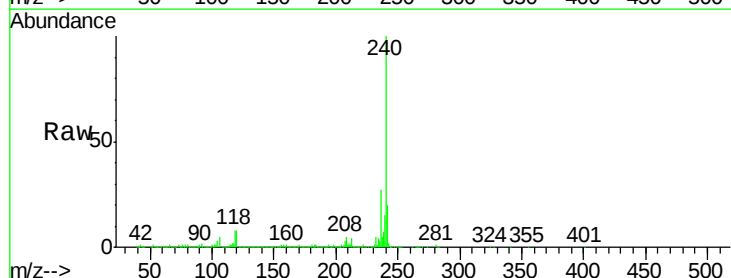
Instrument :
BNA_G
ClientSampleId :
PMW-2

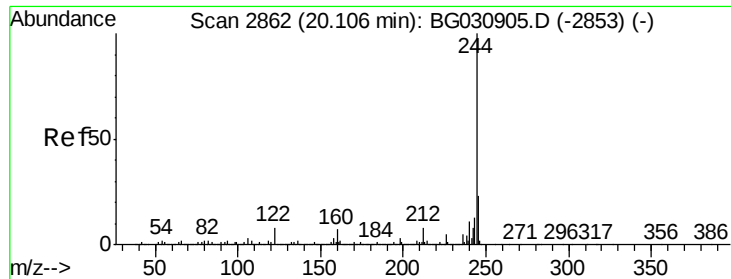
Tot Ion:188 Resp: 496265
Ion Ratio Lower Upper
188 100
94 7.4 6.9 10.3
80 7.5 7.7 11.5#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG031345.D
Acq: 2 Dec 2017 8:52

Tgt Ion:240 Resp: 548365
Ion Ratio Lower Upper
240 100
120 7.9 6.8 10.2
236 27.0 20.9 31.3





#78

Terphenyl-d14

Concen: 91.11 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BG031345.D

Acq: 2 Dec 2017 8:52

Instrument :

BNA_G

ClientSampleId :

PMW-2

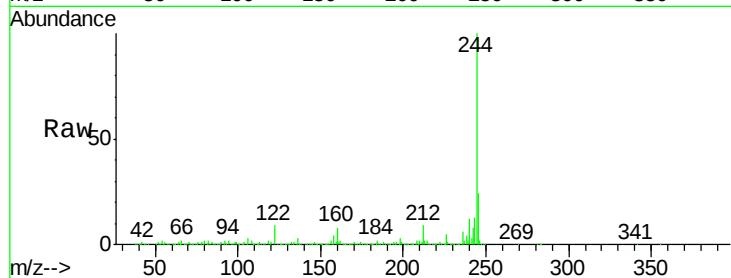
Tot Ion:244 Resp: 2262649

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

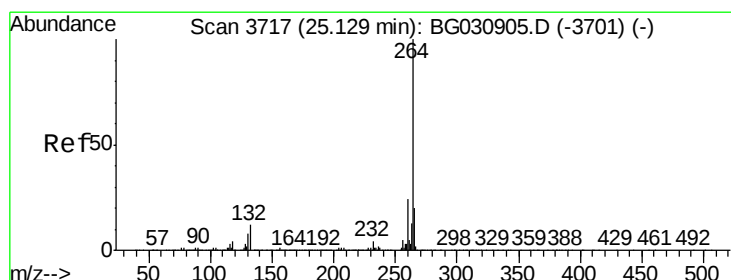
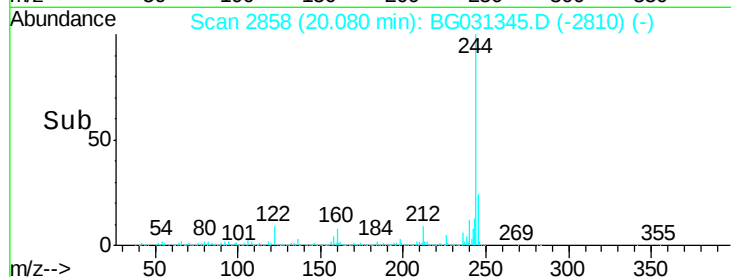
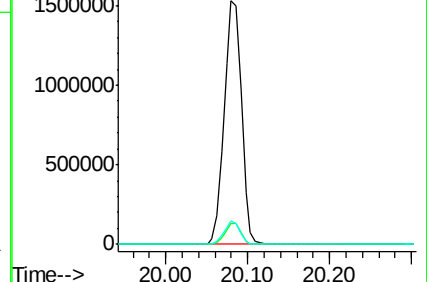
122 9.5 7.0 10.4



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: 20.00 ng

RT: 25.06 min Scan# 3705

Delta R.T. -0.04 min

Lab File: BG031345.D

Acq: 2 Dec 2017 8:52

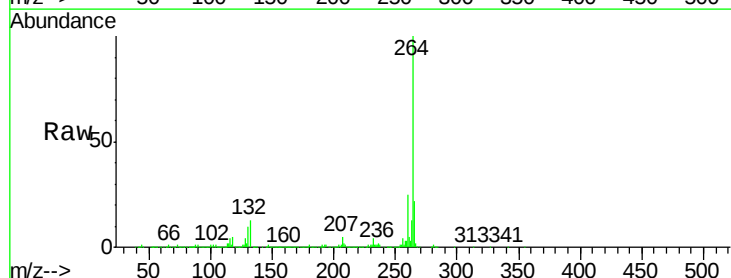
Tgt Ion:264 Resp: 540784

Ion Ratio Lower Upper

264 100

260 24.5 17.4 26.0

265 21.7 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

