

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112217\
 Data File : BG031192.D
 Acq On : 22 Nov 2017 16:48
 Operator : SJ/JU
 Sample : I6525-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-24

Quant Time: Nov 23 01:19:04 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	53496	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	238841	20.00	ng	-0.02
38) Acenaphthene-d10	14.76	164	160460	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	421171	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	511795	20.00	ng	-0.02
86) Perylene-d12	25.06	264	486043	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	234788	75.26	ng	0.00
7) Phenol-d6	7.30	99	198388	47.20	ng	0.00
23) Nitrobenzene-d5	9.31	82	365769	90.75	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	305639	117.75	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	1107407	99.17	ng	-0.02
78) Terphenyl-d14	20.09	244	1996340	86.13	ng	-0.01

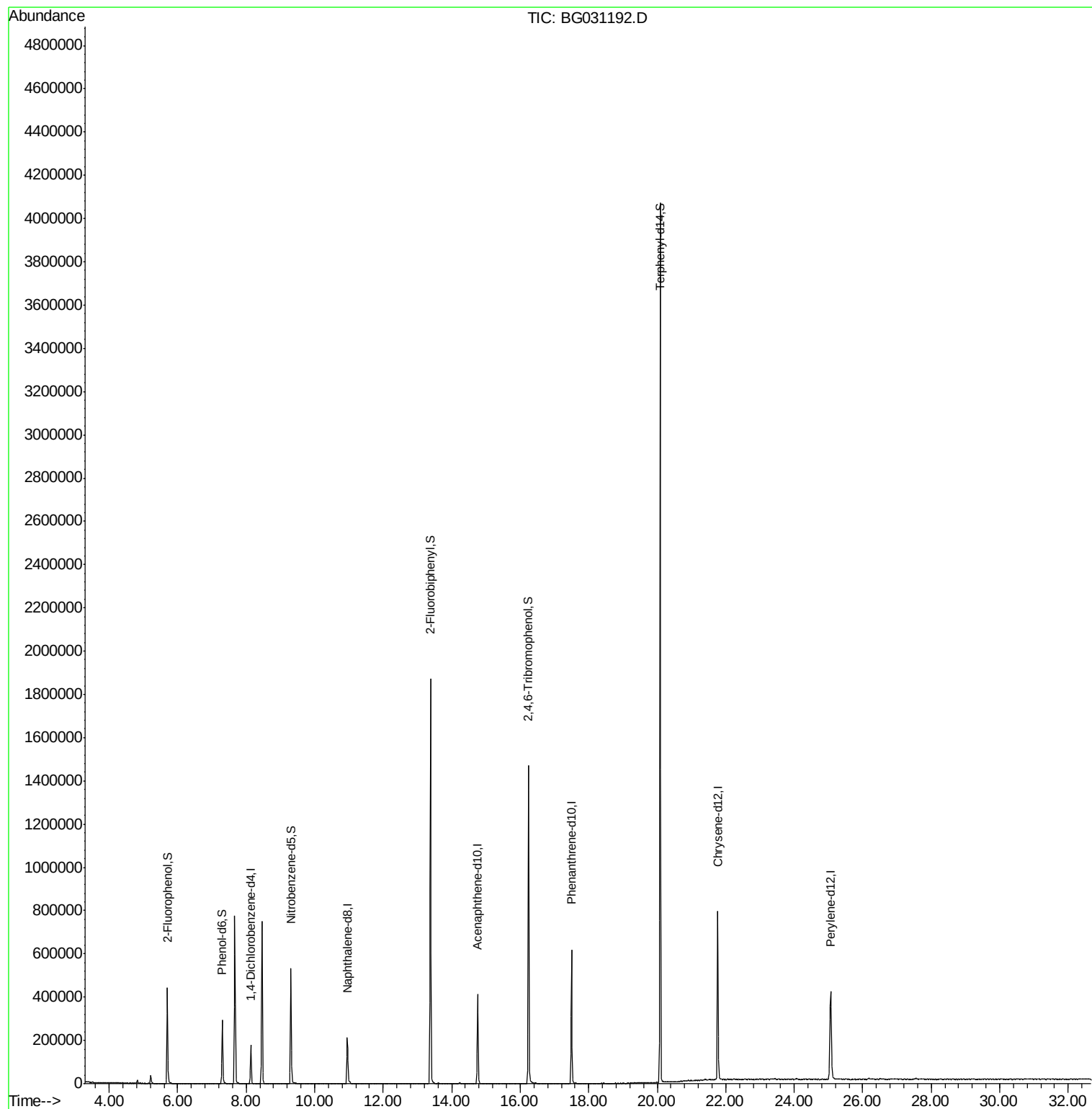
Target Compounds Qvalue

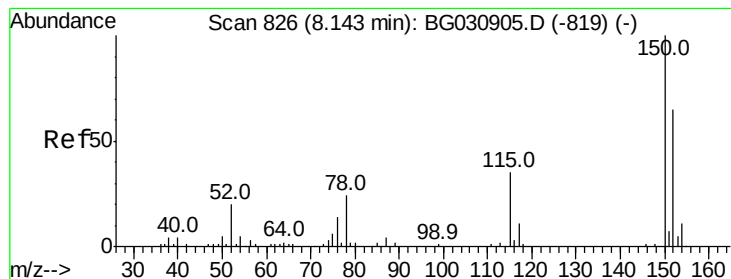
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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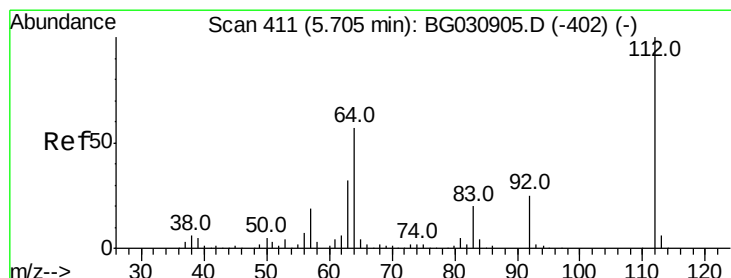
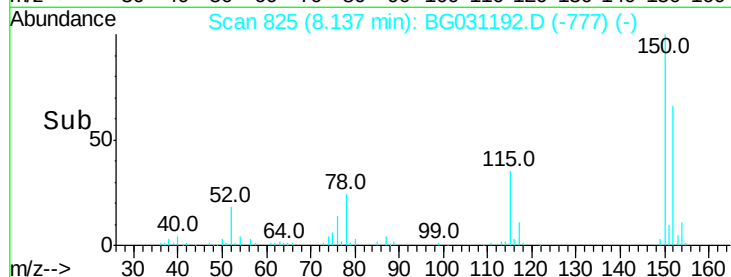
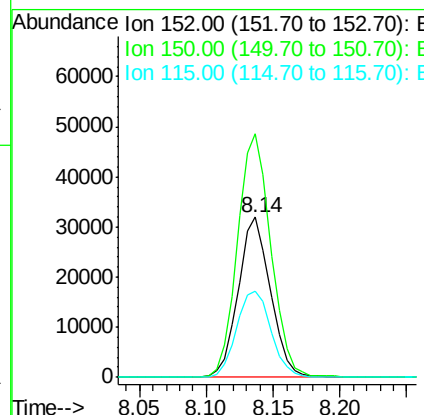
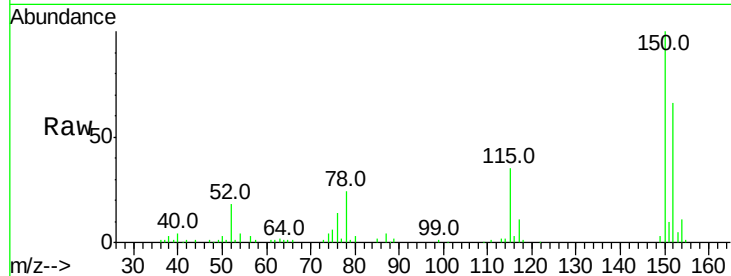


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 825
Delta R.T. -0.02 min
Lab File: BG031192.D
Acq: 22 Nov 2017 16:48

Instrument :
BNA_G
ClientSampleId :
MW-24

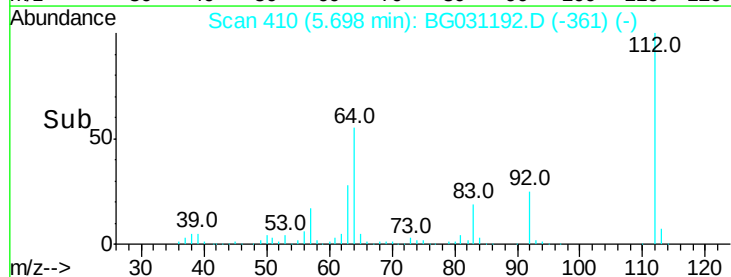
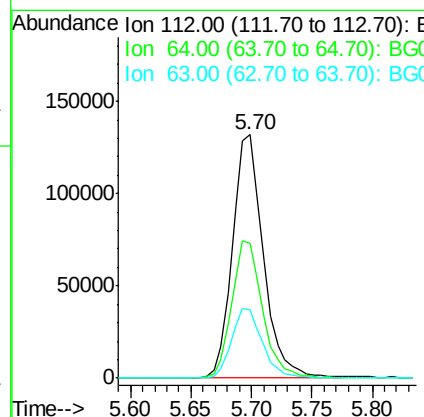
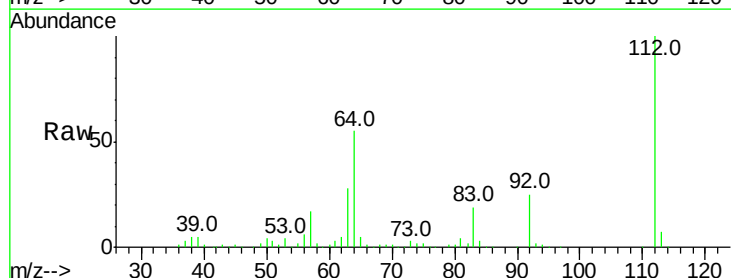
Tot Ion:152 Resp: 53496
Ion Ratio Lower Upper
152 100
150 152.0 126.6 189.8
115 53.6 53.0 79.4

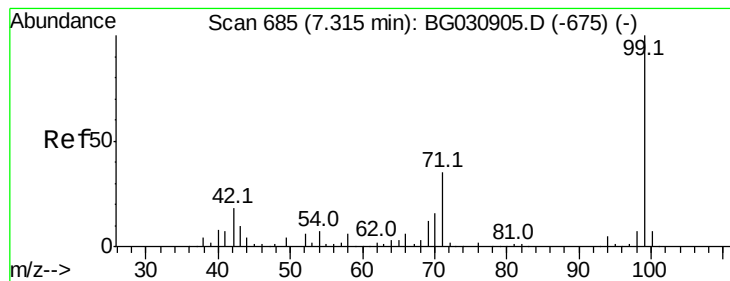


#5

2-Fluorophenol
Concen: 75.259 ng
RT: 5.70 min Scan# 410
Delta R.T. -0.01 min
Lab File: BG031192.D
Acq: 22 Nov 2017 16:48

Tgt Ion:112 Resp: 234788
Ion Ratio Lower Upper
112 100
64 55.1 56.3 84.5#
63 28.0 30.1 45.1#





#7

Phenol-d6

Concen: 47.202 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG031192.D

Acq: 22 Nov 2017 16:48

Instrument :

BNA_G

ClientSampled :

MW-24

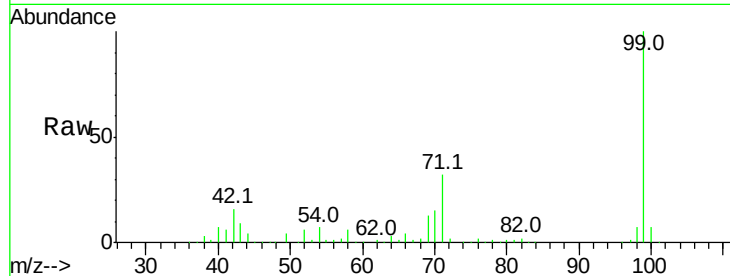
Tot Ion: 99 Resp: 198388

Ion Ratio Lower Upper

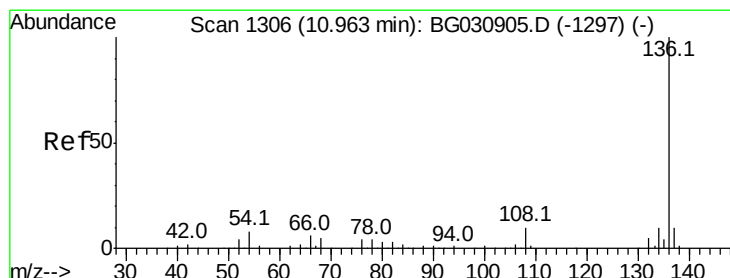
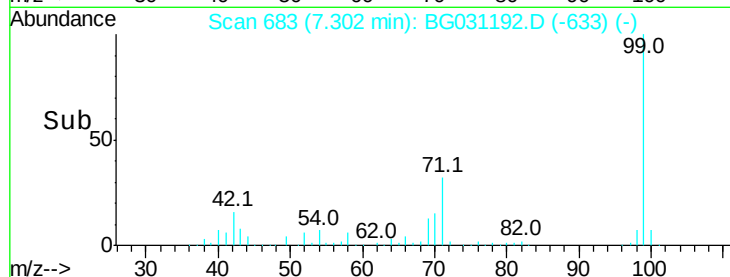
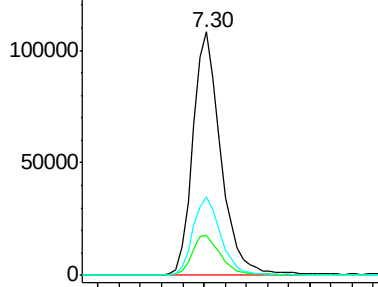
99 100

42 16.4 14.1 21.1

71 32.0 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: 10.95 min Scan# 1304

Delta R.T. -0.02 min

Lab File: BG031192.D

Acq: 22 Nov 2017 16:48

Tgt Ion: 136 Resp: 238841

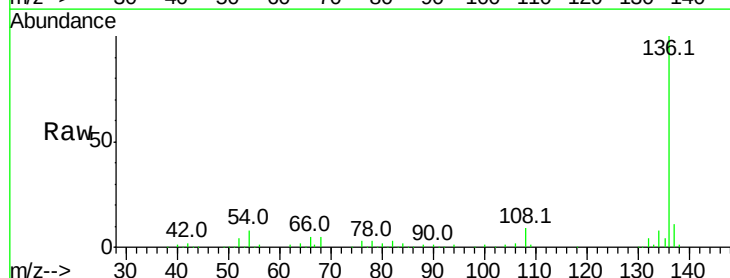
Ion Ratio Lower Upper

136 100

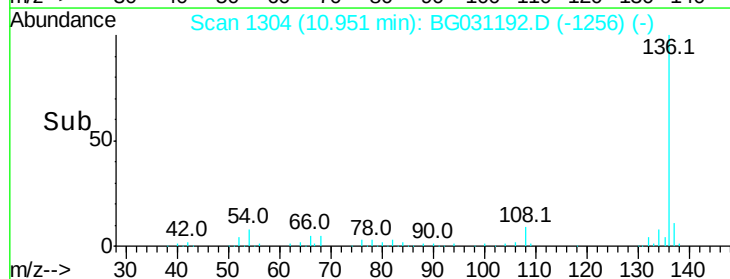
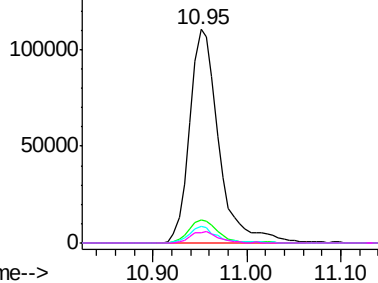
137 10.9 9.2 13.8

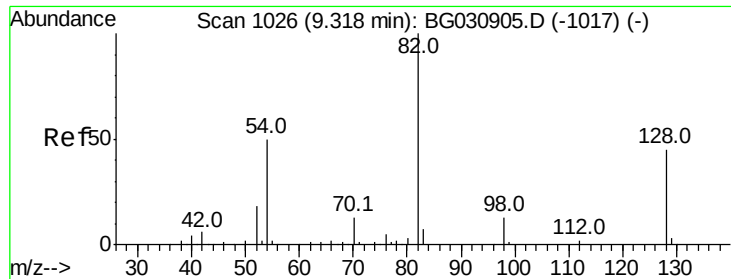
54 7.5 10.3 15.5#

68 5.0 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

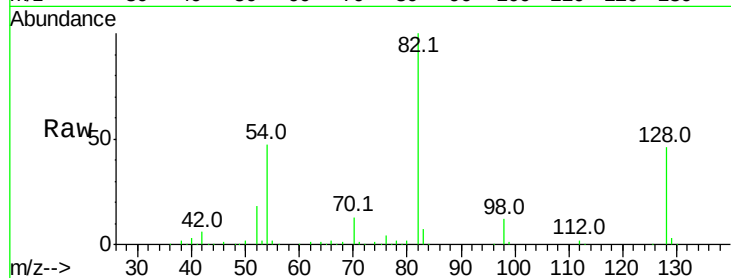




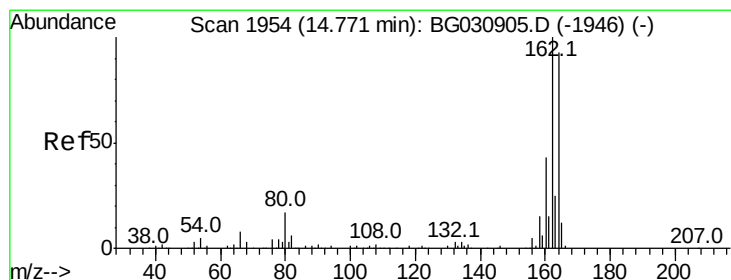
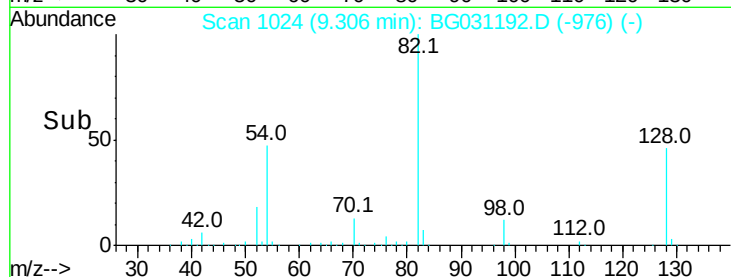
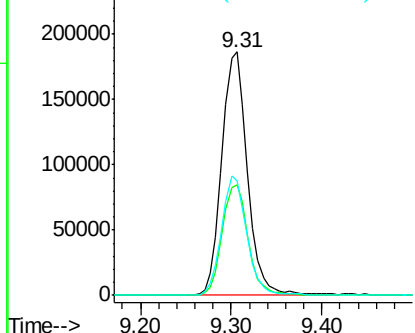
#23
 Nitrobenzene-d5
 Concen: 90.747 ng
 RT: 9.31 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BG031192.D
 Acq: 22 Nov 2017 16:48

Instrument :
 BNA_G
 ClientSampled :
 MW-24

Tot Ion: 82 Resp: 365769
 Ion Ratio Lower Upper
 82 100
 128 45.5 29.7 44.5#
 54 47.1 43.1 64.7

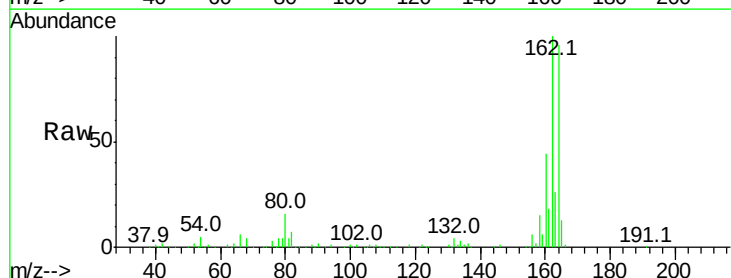


Abundance Ion 82.00 (81.70 to 82.70): BG
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): B

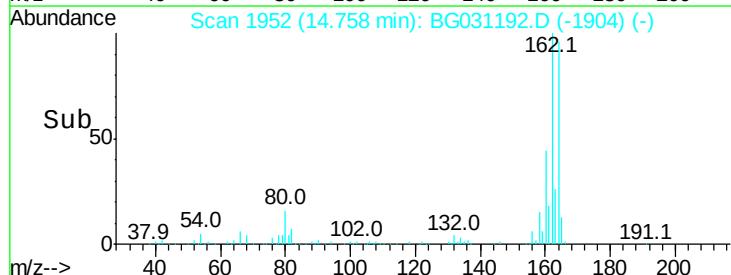
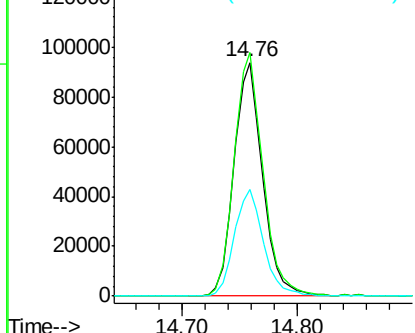


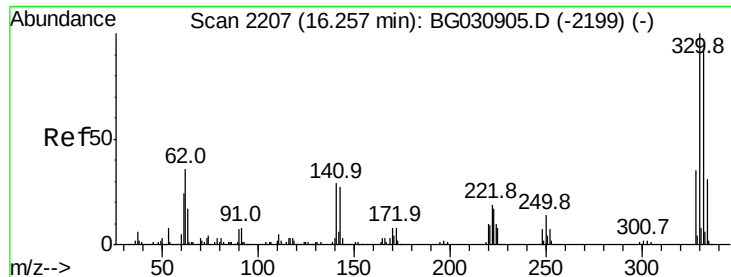
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1952
 Delta R.T. -0.02 min
 Lab File: BG031192.D
 Acq: 22 Nov 2017 16:48

Tgt Ion:164 Resp: 160460
 Ion Ratio Lower Upper
 164 100
 162 104.2 78.8 118.2
 160 45.8 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B





#41

2,4,6-Tribromophenol

Concen: 117.747 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BG031192.D

Acq: 22 Nov 2017 16:48

Instrument :

BNA_G

ClientSampled :

MW-24

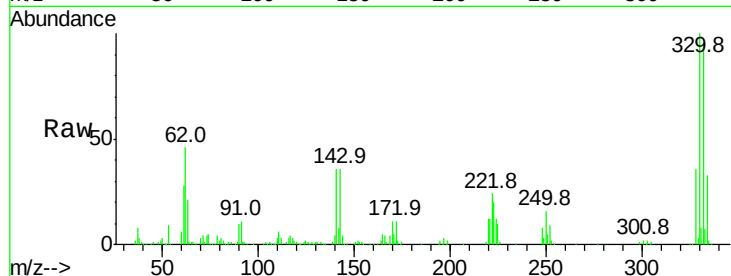
Tot Ion:330 Resp: 305639

Ion Ratio Lower Upper

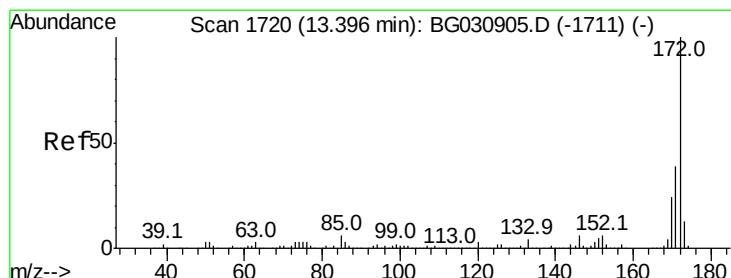
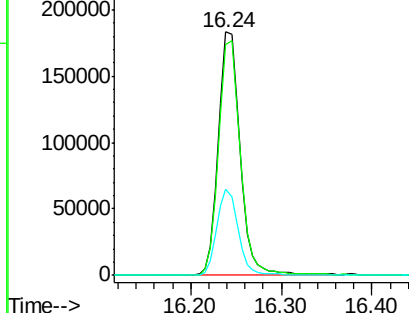
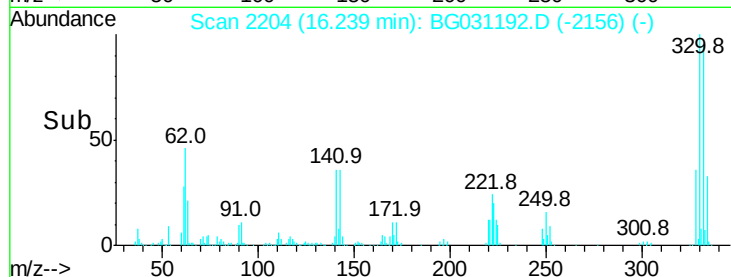
330 100

332 96.6 77.0 115.6

141 34.8 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: 99.166 ng

RT: 13.38 min Scan# 1717

Delta R.T. -0.02 min

Lab File: BG031192.D

Acq: 22 Nov 2017 16:48

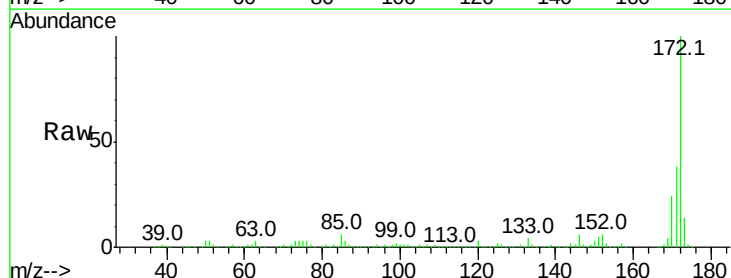
Tgt Ion:172 Resp: 1107407

Ion Ratio Lower Upper

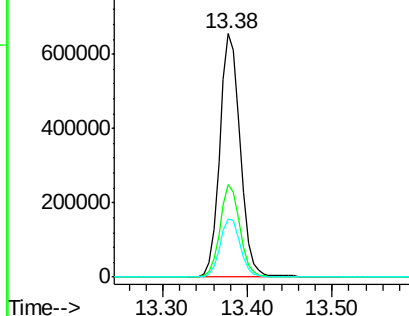
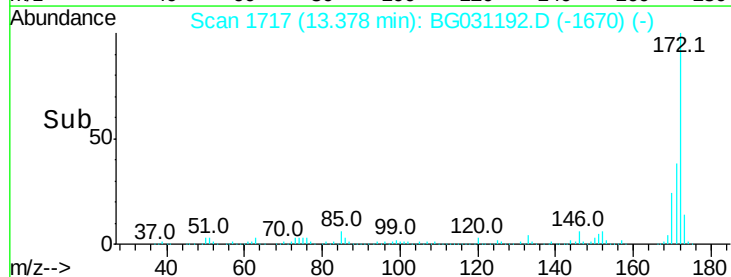
172 100

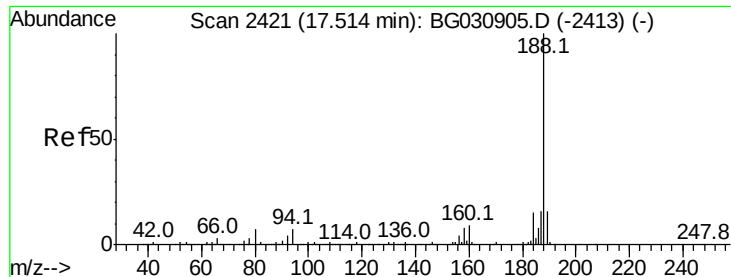
171 38.1 30.0 45.0

170 23.8 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

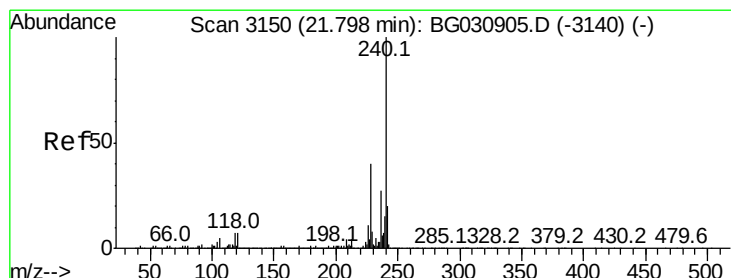
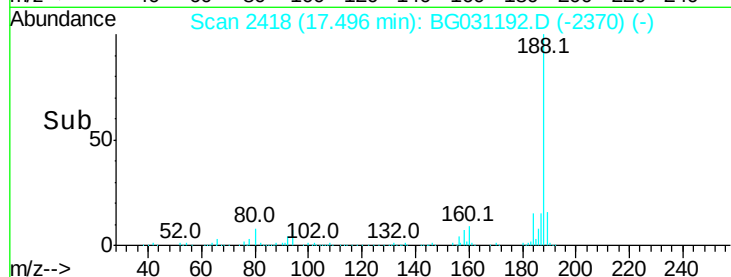
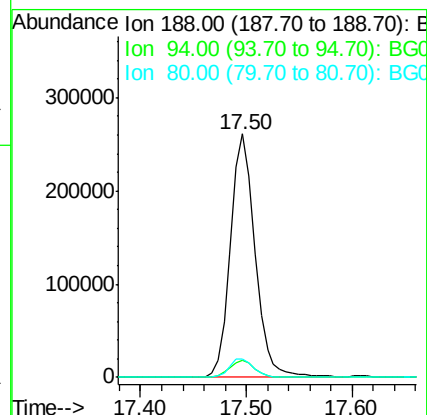
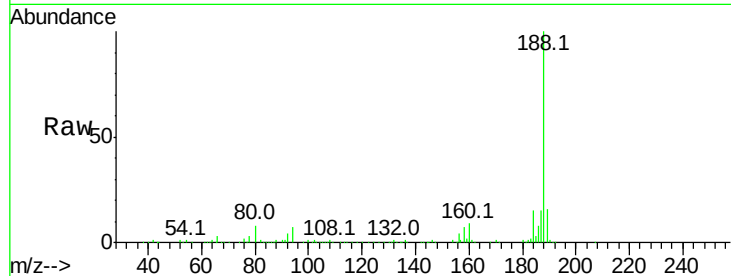




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG031192.D
Acq: 22 Nov 2017 16:48

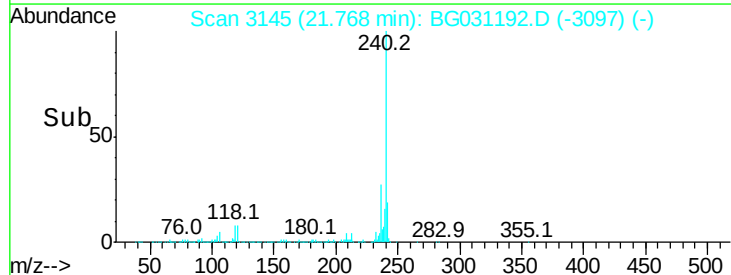
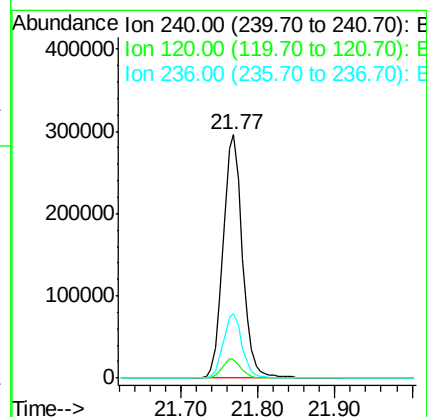
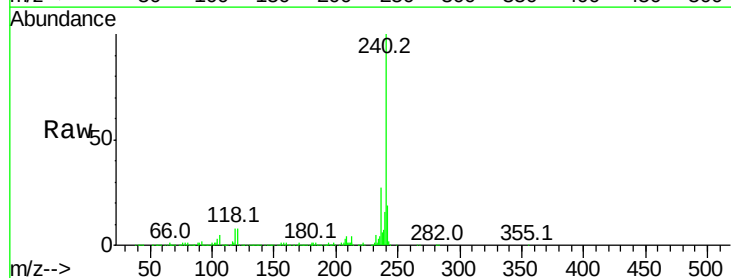
Instrument :
BNA_G
ClientSampleId :
MW-24

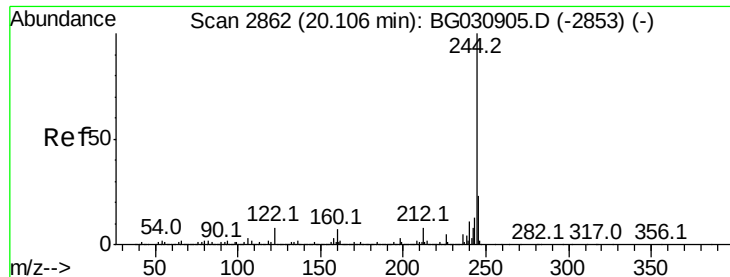
Tot Ion:188 Resp: 421171
Ion Ratio Lower Upper
188 100
94 6.7 6.9 10.3#
80 7.6 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG031192.D
Acq: 22 Nov 2017 16:48

Tgt Ion:240 Resp: 511795
Ion Ratio Lower Upper
240 100
120 7.7 6.8 10.2
236 26.6 20.9 31.3





#78

Terphenyl-d14

Concen: 86.130 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031192.D

Acq: 22 Nov 2017 16:48

Instrument :

BNA_G

ClientSampleId :

MW-24

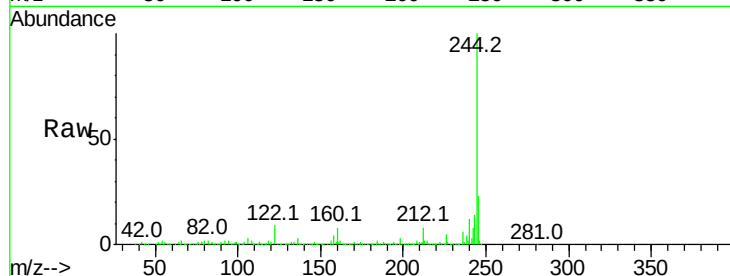
Tot Ion:244 Resp: 1996340

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

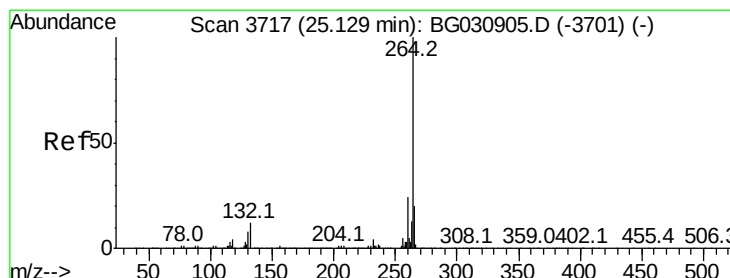
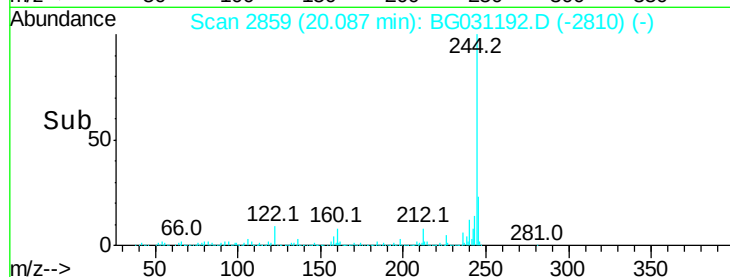
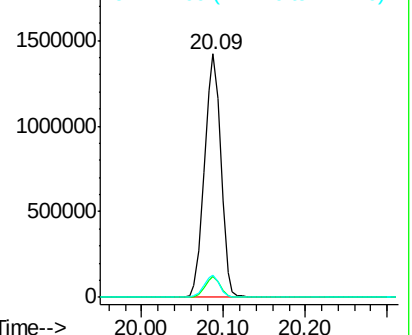
122 9.0 7.0 10.4



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: 25.06 min Scan# 3706

Delta R.T. -0.03 min

Lab File: BG031192.D

Acq: 22 Nov 2017 16:48

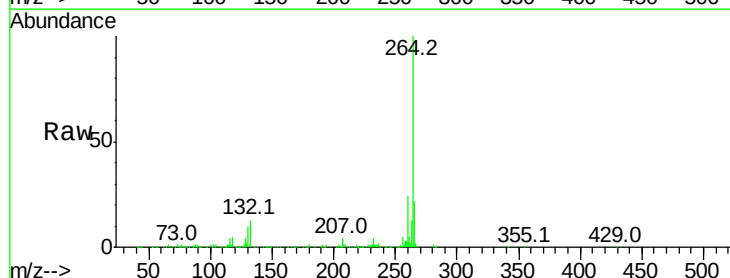
Tgt Ion:264 Resp: 486043

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 22.0 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

