

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120117\
 Data File : BG031342.D
 Acq On : 2 Dec 2017 7:00
 Operator : SJ/JU
 Sample : I6653-09
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-5A

Quant Time: Dec 03 22:45:26 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

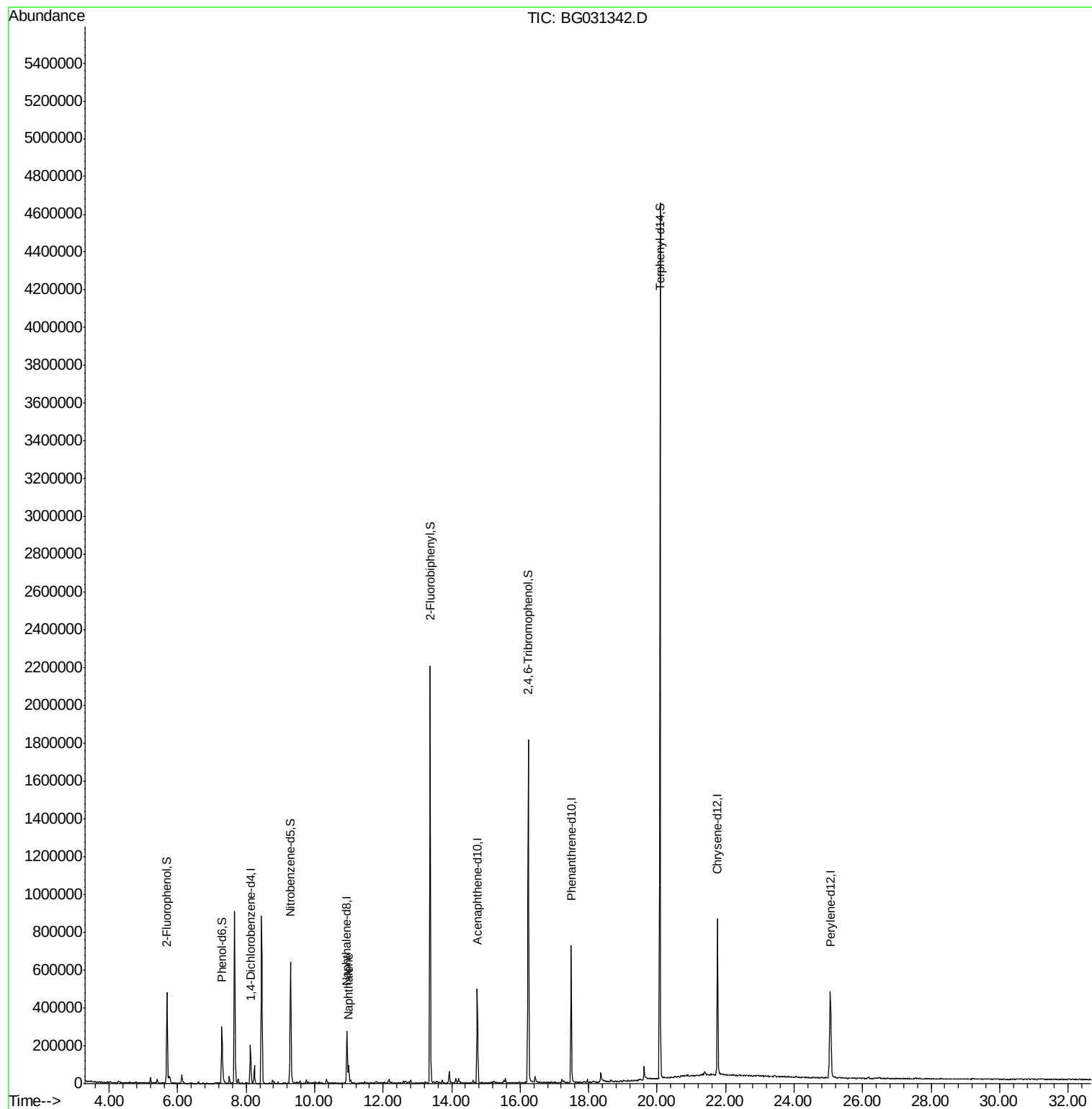
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	62033	20.00	ng	-0.03
21) Naphthalene-d8	10.94	136	276316	20.00	ng	-0.03
38) Acenaphthene-d10	14.75	164	184262	20.00	ng	-0.03
63) Phenanthrene-d10	17.49	188	484670	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	548766	20.00	ng	-0.02
86) Perylene-d12	25.06	264	531068	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	257516	71.18	ng	-0.02
7) Phenol-d6	7.29	99	208126	42.70	ng	-0.01
23) Nitrobenzene-d5	9.30	82	434280	93.13	ng	-0.03
41) 2,4,6-Tribromophenol	16.24	330	375189	125.87	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	1245369	97.11	ng	-0.03
78) Terphenyl-d14	20.08	244	2200998	88.56	ng	-0.01
Target Compounds						
31) Naphthalene	10.99	128	79707	5.87	ng	Qvalue 100

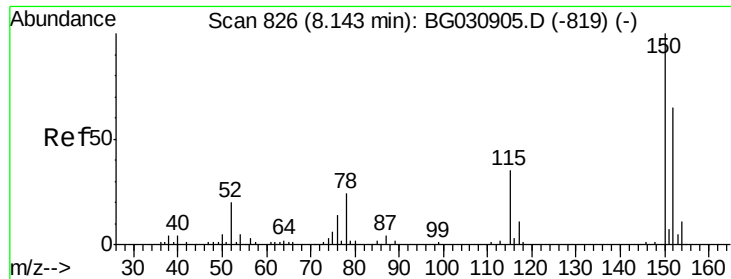
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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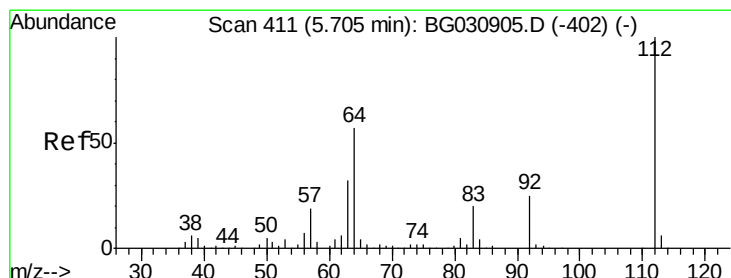
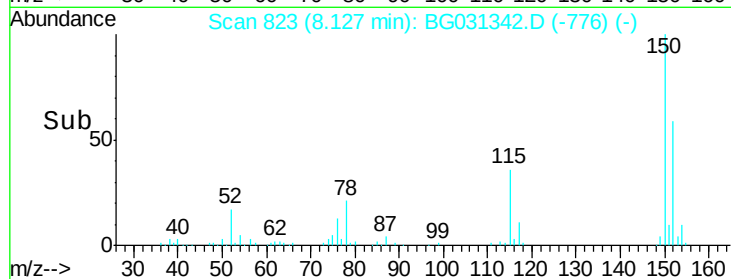
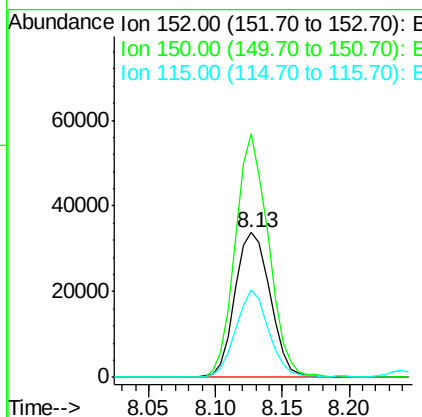
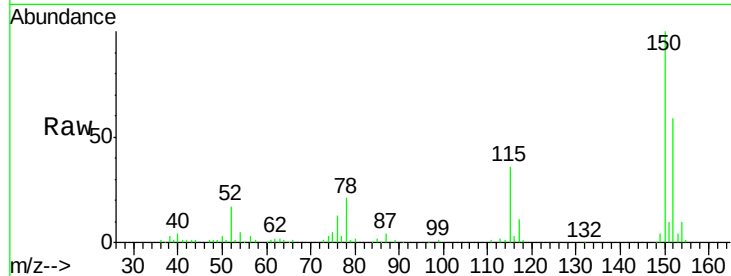


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.13 min Scan# 823
 Delta R.T. -0.03 min
 Lab File: BG031342.D
 Acq: 2 Dec 2017 7:00

Instrument :
 BNA_G
 ClientSampleId :
 MW-5A

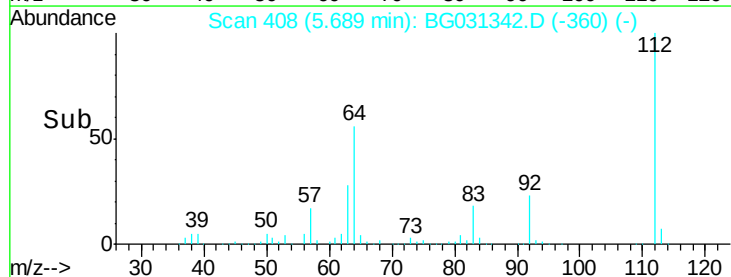
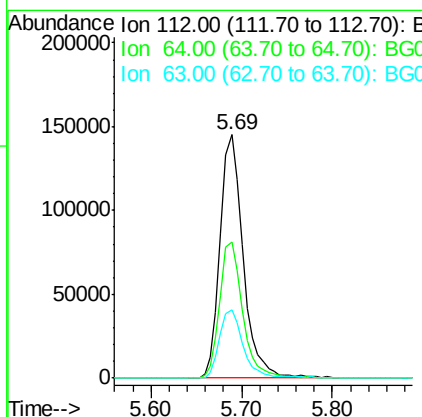
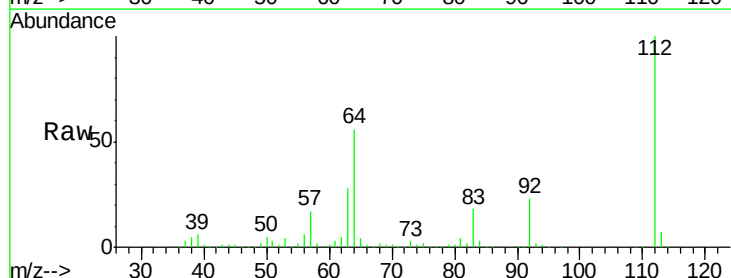
Tot Ion	Ratio	Lower	Upper
152	100		
150	168.2	126.6	189.8
115	60.8	53.0	79.4

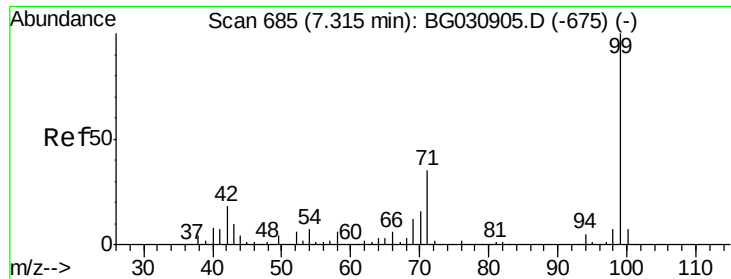


#5

2-Fluorophenol
 Concen: 71.18 ng
 RT: 5.69 min Scan# 408
 Delta R.T. -0.02 min
 Lab File: BG031342.D
 Acq: 2 Dec 2017 7:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.9	56.3	84.5#
63	27.9	30.1	45.1#





#7

Phenol-d6

Concen: 42.70 ng

RT: 7.29 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG031342.D

Acq: 2 Dec 2017 7:00

Instrument :

BNA_G

ClientSampled :

MW-5A

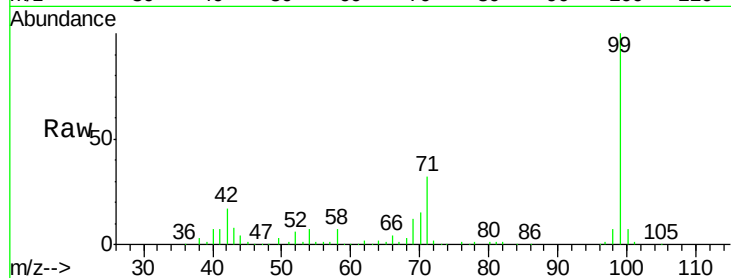
Tot Ion: 99 Resp: 208126

Ion Ratio Lower Upper

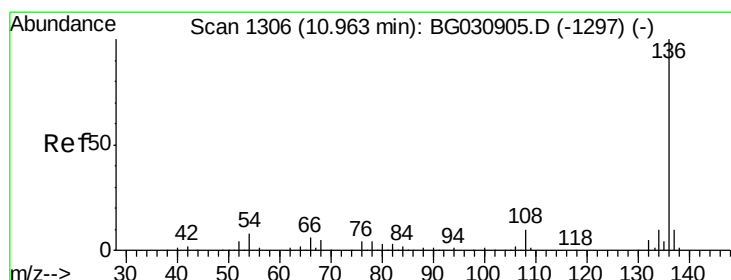
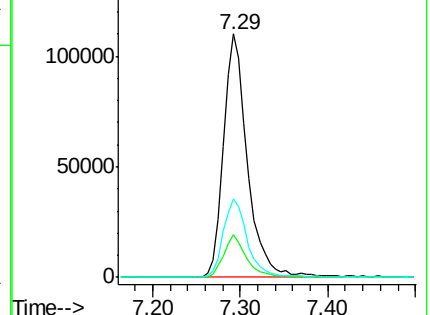
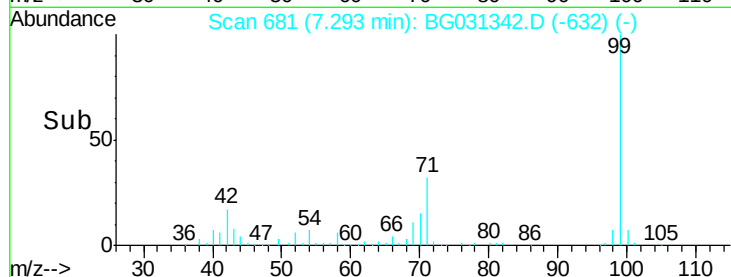
99 100

42 17.3 14.1 21.1

71 32.4 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# 1302

Delta R.T. -0.03 min

Lab File: BG031342.D

Acq: 2 Dec 2017 7:00

Tgt Ion: 136 Resp: 276316

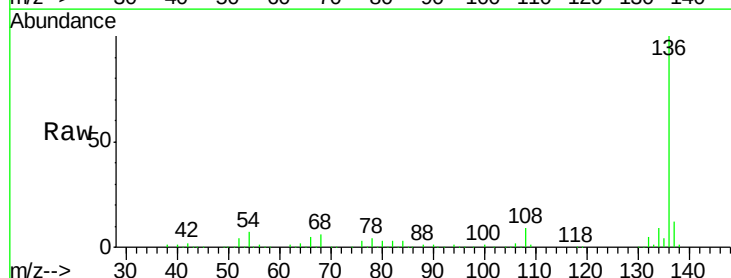
Ion Ratio Lower Upper

136 100

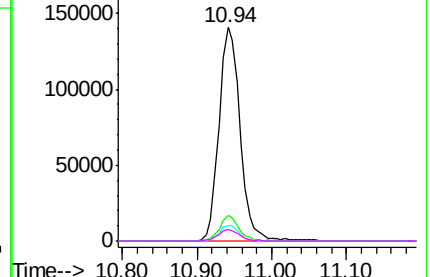
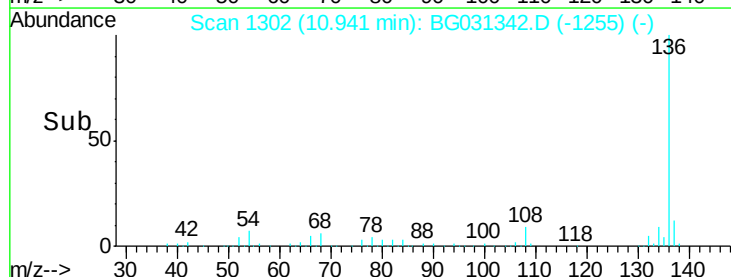
137 12.0 9.2 13.8

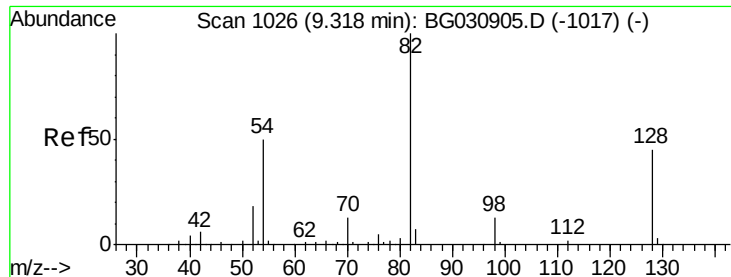
54 7.0 10.3 15.5#

68 5.5 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

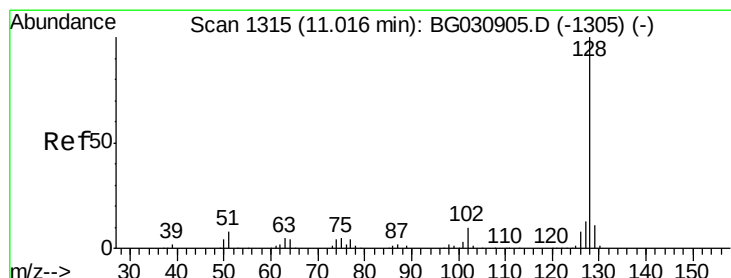
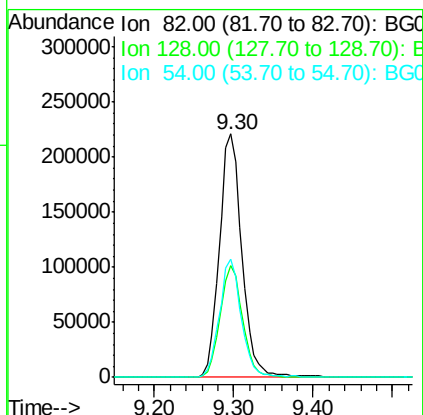
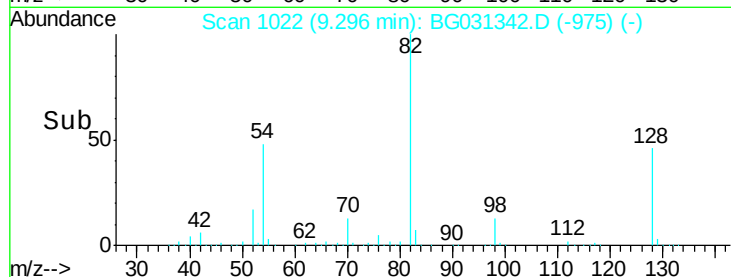
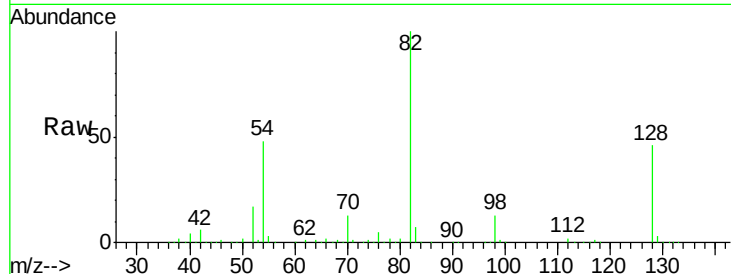




#23
Nitrobenzene-d5
Concen: 93.13 ng
RT: 9.30 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BG031342.D
Acq: 2 Dec 2017 7:00

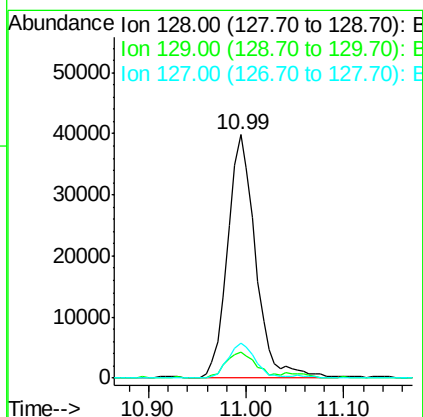
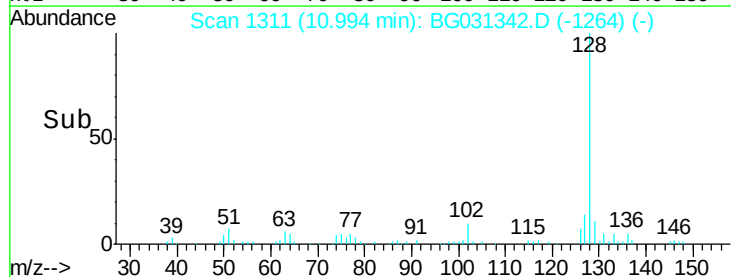
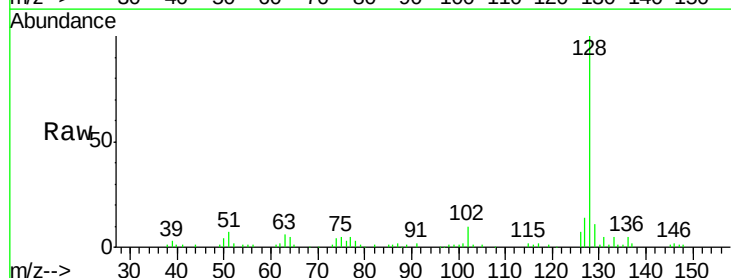
Instrument :
BNA_G
ClientSampled :
MW-5A

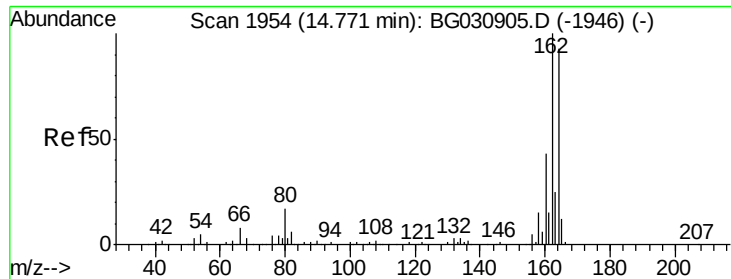
Tot Ion: 82 Resp: 434280
Ion Ratio Lower Upper
82 100
128 45.9 29.7 44.5#
54 48.4 43.1 64.7



#31
Naphthalene
Concen: 5.87 ng
RT: 10.99 min Scan# 1311
Delta R.T. -0.03 min
Lab File: BG031342.D
Acq: 2 Dec 2017 7:00

Tgt Ion:128 Resp: 79707
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 14.3 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.75 min Scan# 1950

Delta R.T. -0.03 min

Lab File: BG031342.D

Acq: 2 Dec 2017 7:00

Instrument :

BNA_G

ClientSampleId :

MW-5A

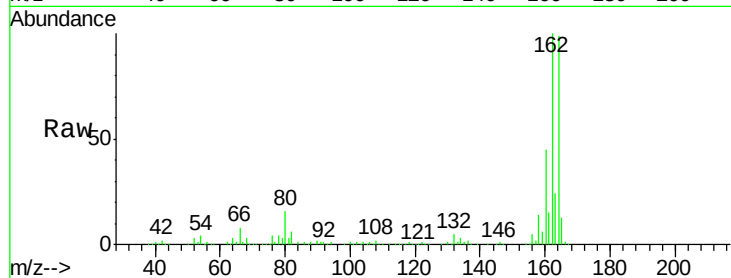
Tot Ion:164 Resp: 184262

Ion Ratio Lower Upper

164 100

162 101.4 78.8 118.2

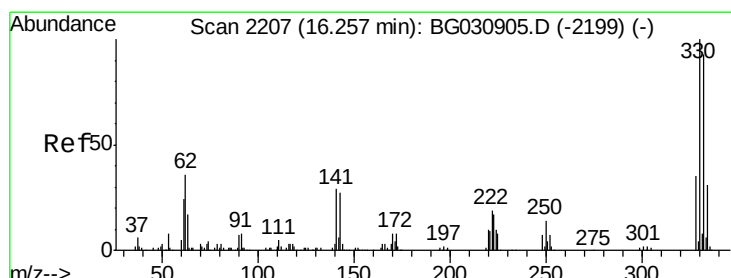
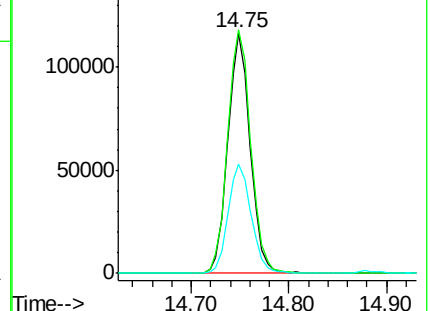
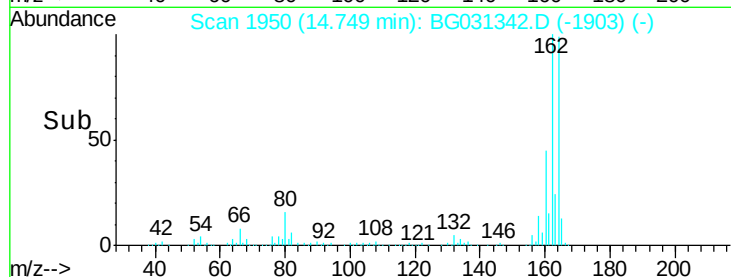
160 45.7 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 125.87 ng

RT: 16.24 min Scan# 2203

Delta R.T. -0.02 min

Lab File: BG031342.D

Acq: 2 Dec 2017 7:00

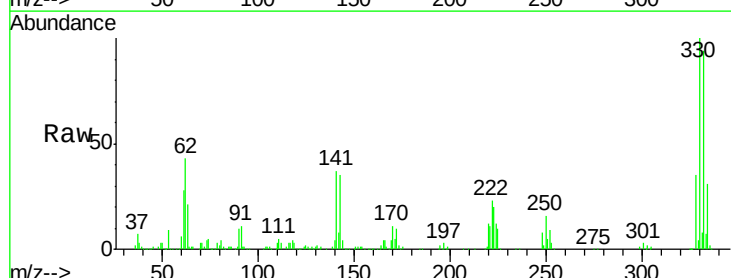
Tgt Ion:330 Resp: 375189

Ion Ratio Lower Upper

330 100

332 95.1 77.0 115.6

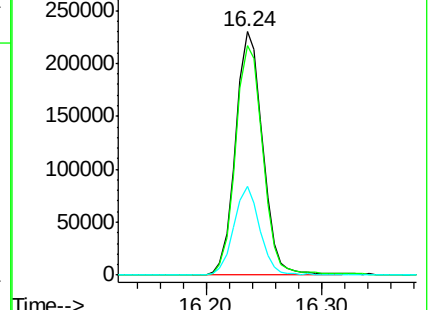
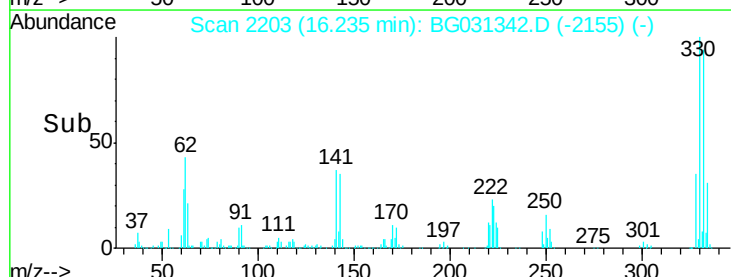
141 35.0 25.2 37.8

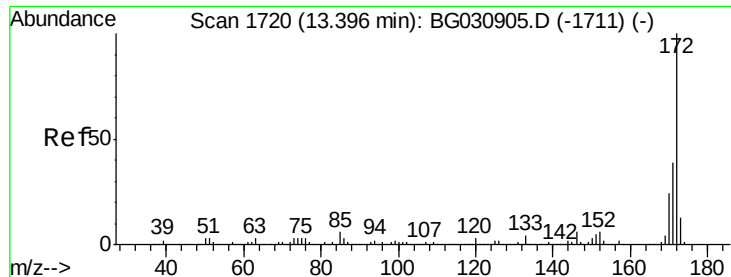


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



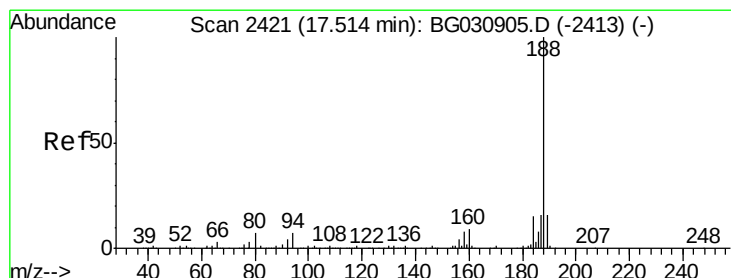
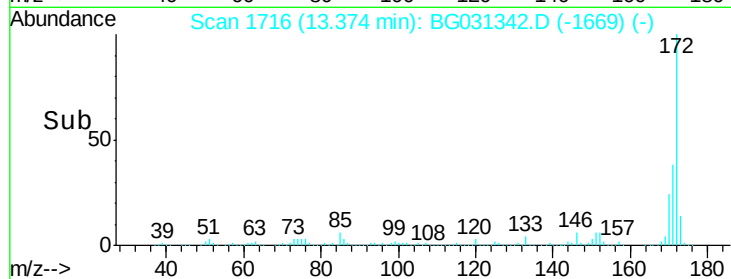
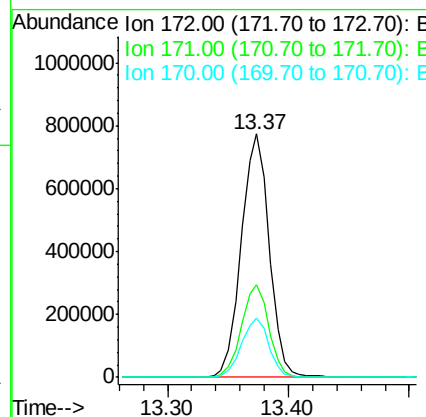
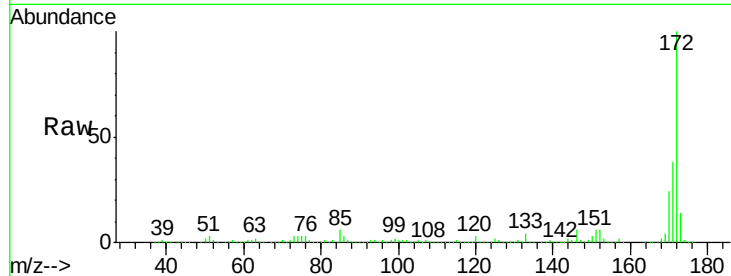


#44
 2-Fluorobiphenyl
 Concen: 97.11 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.03 min
 Lab File: BG031342.D
 Acq: 2 Dec 2017 7:00

Instrument :
 BNA_G
 ClientSampleId :
 MW-5A

Tot Ion:172 Resp: 1245369

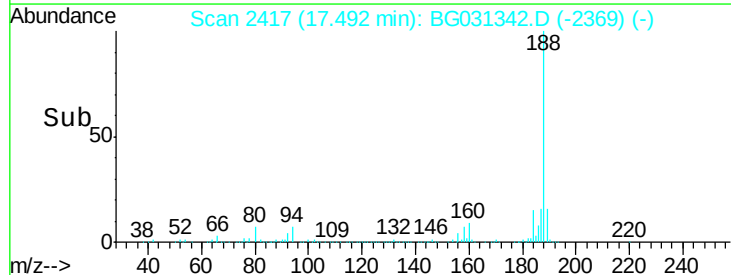
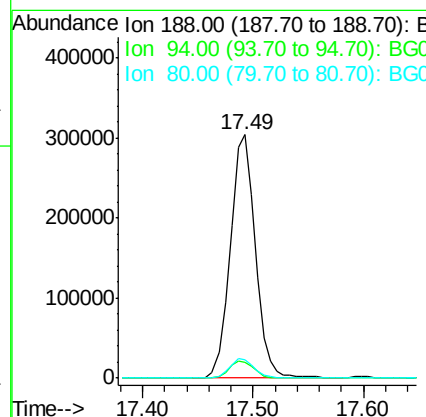
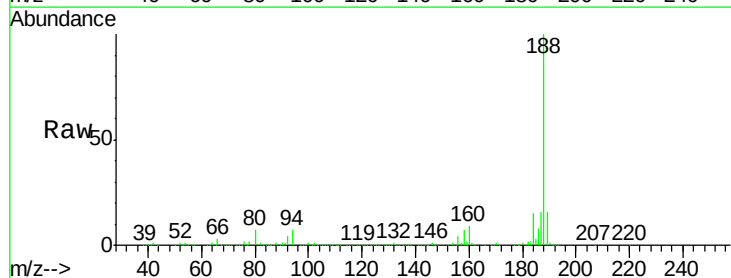
Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	24.3	19.5	29.3

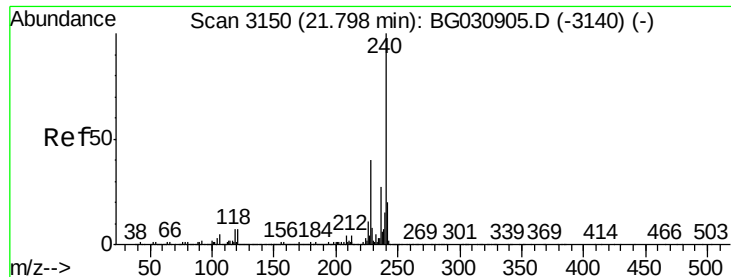


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.49 min Scan# 2417
 Delta R.T. -0.02 min
 Lab File: BG031342.D
 Acq: 2 Dec 2017 7:00

Tgt Ion:188 Resp: 484670

Ion	Ratio	Lower	Upper
188	100		
94	6.6	6.9	10.3#
80	7.3	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: BG031342.D

Acq: 2 Dec 2017 7:00

Instrument :

BNA_G

ClientSampleId :

MW-5A

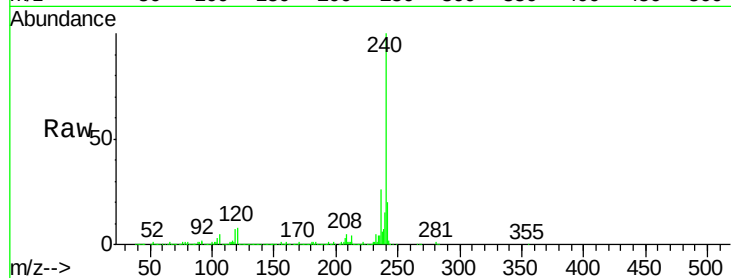
Tot Ion:240 Resp: 548766

Ion Ratio Lower Upper

240 100

120 7.9 6.8 10.2

236 26.4 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

21.76

300000

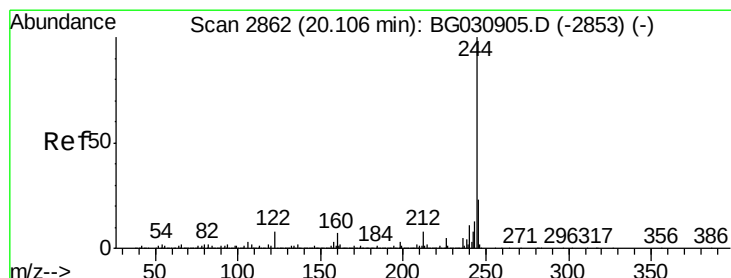
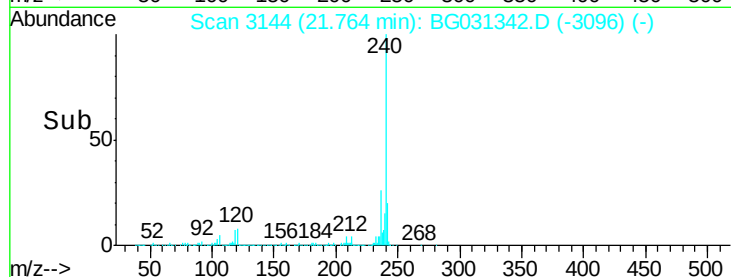
200000

100000

0

21.70 21.80 21.90

Time-->



#78

Terphenyl-d14

Concen: 88.56 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG031342.D

Acq: 2 Dec 2017 7:00

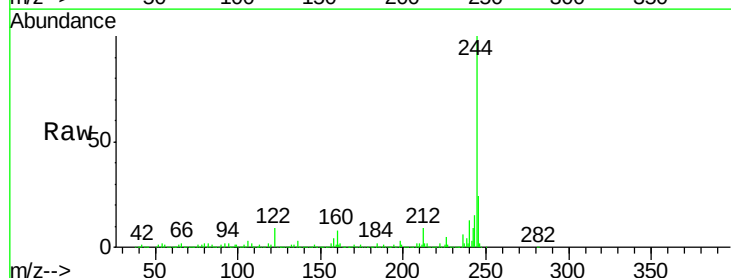
Tgt Ion:244 Resp: 2200998

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

122 8.9 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

20.08

2000000

1500000

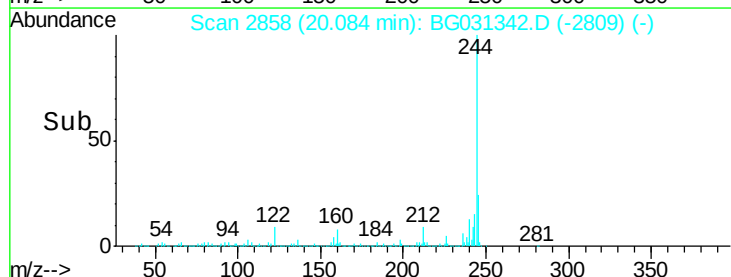
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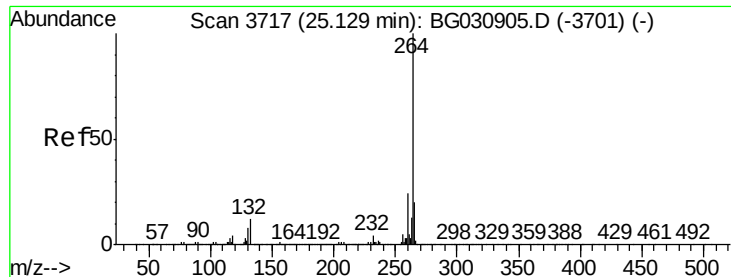
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0

20.00 20.10 20.20

Time-->

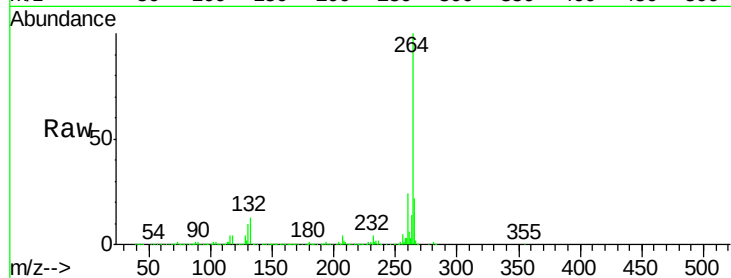




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.06 min Scan# 3705
Delta R.T. -0.03 min
Lab File: BG031342.D
Acq: 2 Dec 2017 7:00

Instrument :
BNA_G
ClientSampleId :
MW-5A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	21.8	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

