

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
 Data File : BF105353.D
 Acq On : 12 May 2018 22:08
 Operator : JU/SJ
 Sample : J2834-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 050918-JETW-E-D-S

Quant Time: May 14 08:57:10 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 11 17:15:19 2018
 Response via : Initial Calibration

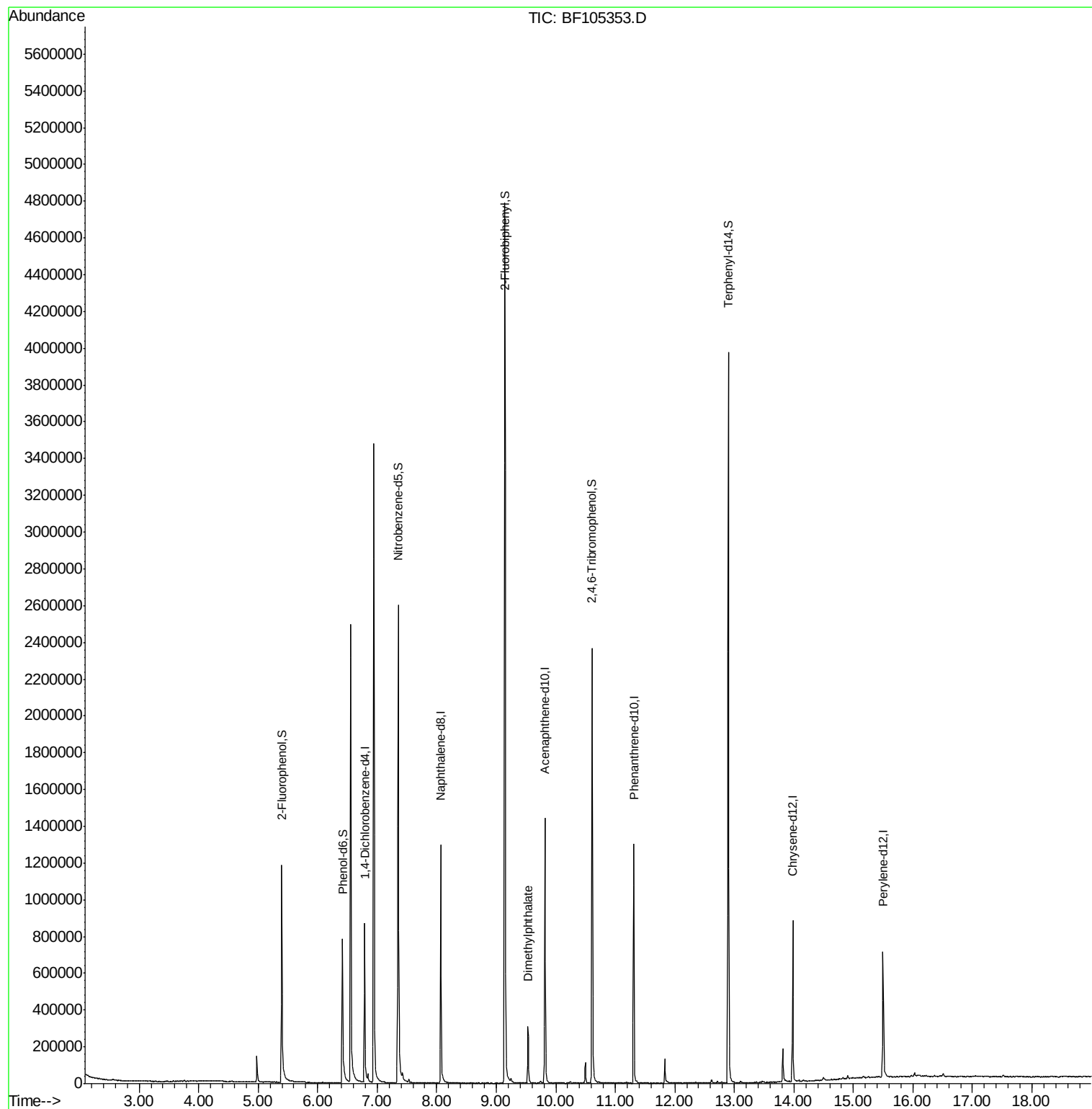
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	141079	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	598835	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	269882	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	487132	20.00	ng	0.00
75) Chrysene-d12	13.98	240	313418	20.00	ng	-0.04
86) Perylene-d12	15.50	264	347197	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	421672	44.95	ng	0.00
7) Phenol-d6	6.42	99	320999	28.80	ng	0.00
23) Nitrobenzene-d5	7.36	82	1042138	101.29	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	335640	96.26	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1723112	92.02	ng	0.00
78) Terphenyl-d14	12.90	244	1621248	111.20	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.53	163	131986	6.370	ng	Qvalue 99

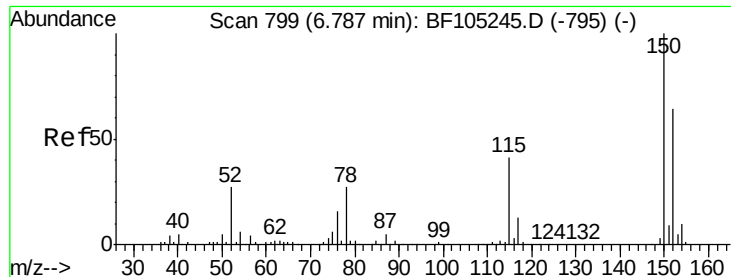
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF105353.D

Acq: 12 May 2018 22:08

Instrument :

BNA_F

ClientSampleId :

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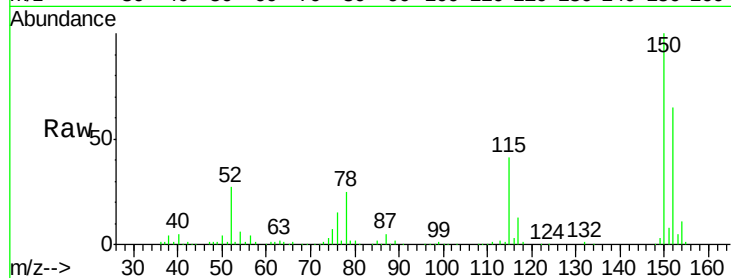
Tot Ion:152 Resp: 141079

Ion Ratio Lower Upper

152 100

150 153.6 124.6 186.8

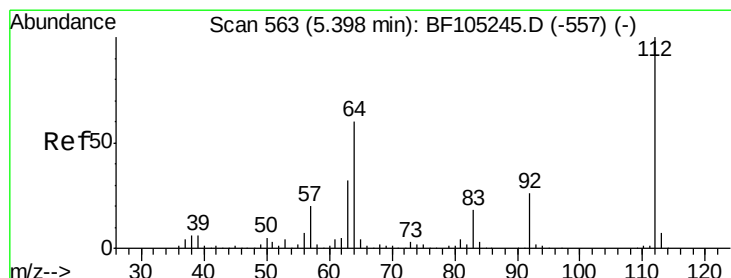
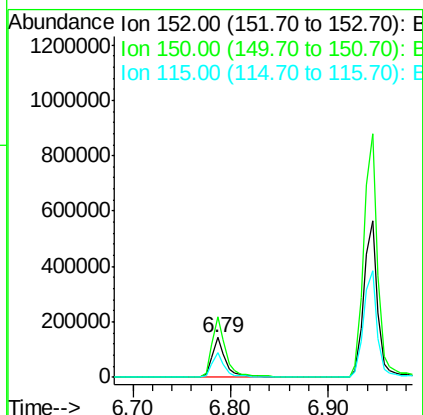
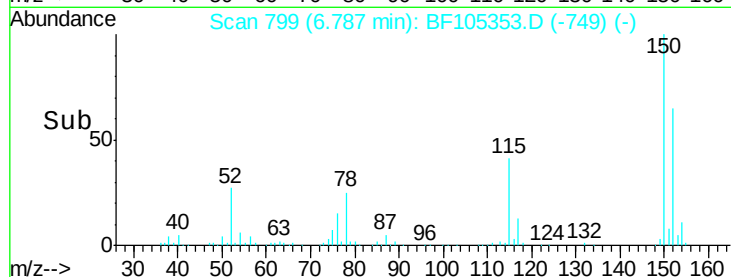
115 63.0 50.1 75.1



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: 44.954 ng

RT: 5.40 min Scan# 563

Delta R.T. 0.00 min

Lab File: BF105353.D

Acq: 12 May 2018 22:08

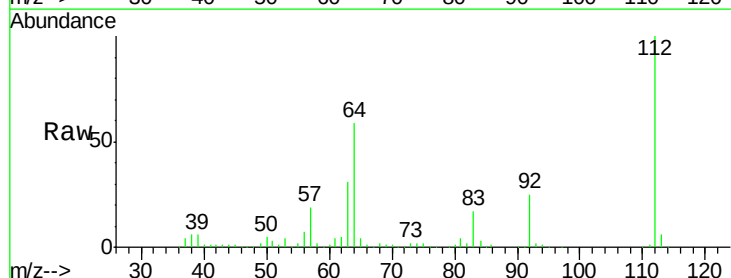
Tgt Ion:112 Resp: 421672

Ion Ratio Lower Upper

112 100

64 59.5 47.9 71.9

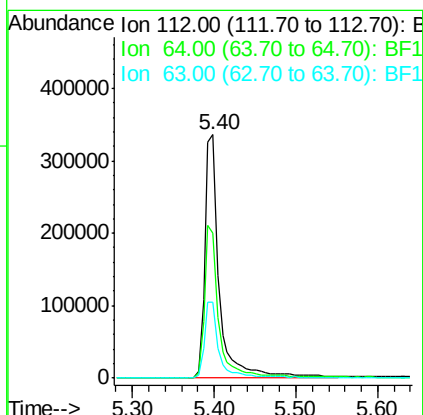
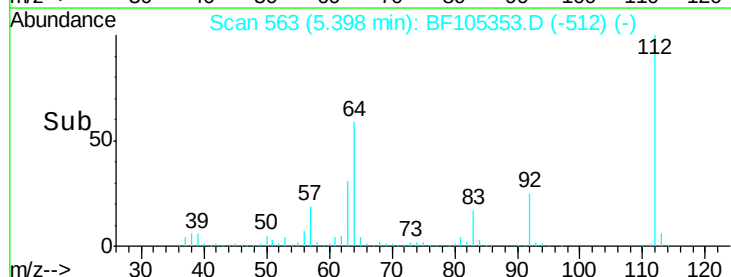
63 31.2 23.7 35.5

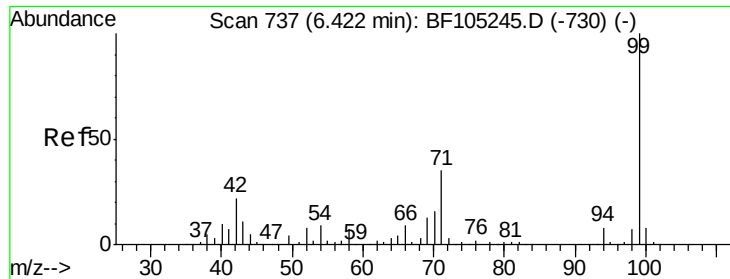


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 28.799 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF105353.D

Acq: 12 May 2018 22:08

Instrument :

BNA_F

ClientSampleId :

050918-JETW-E-D-S

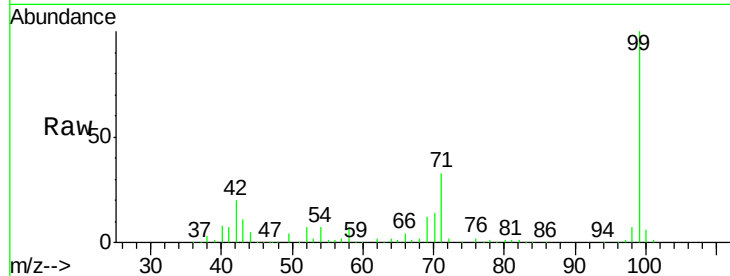
Tot Ion: 99 Resp: 320999

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

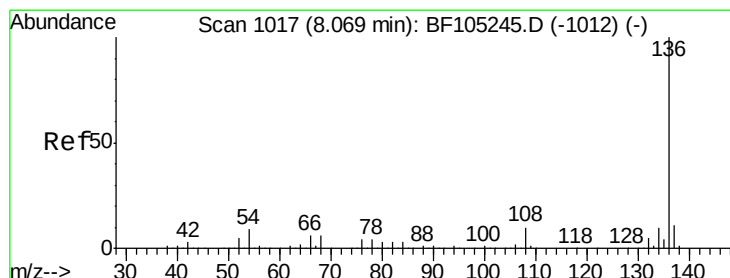
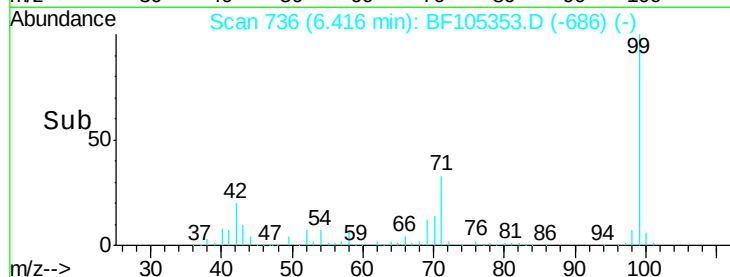
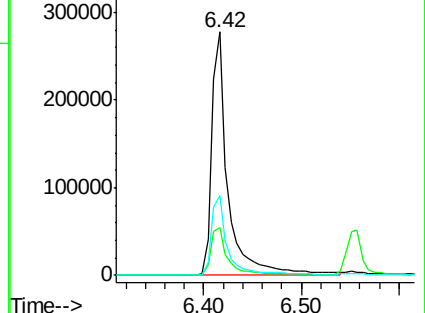
71 32.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF105353.D

Acq: 12 May 2018 22:08

Tgt Ion: 136 Resp: 598835

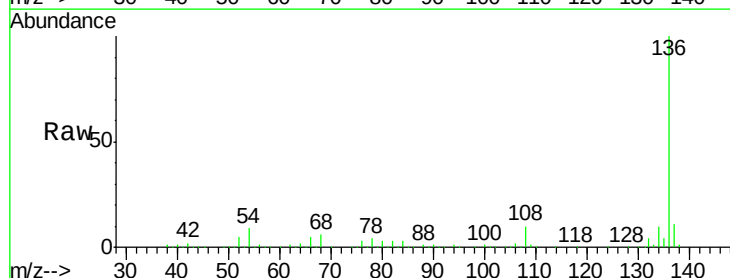
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.8 6.6 9.8

68 5.9 5.0 7.4

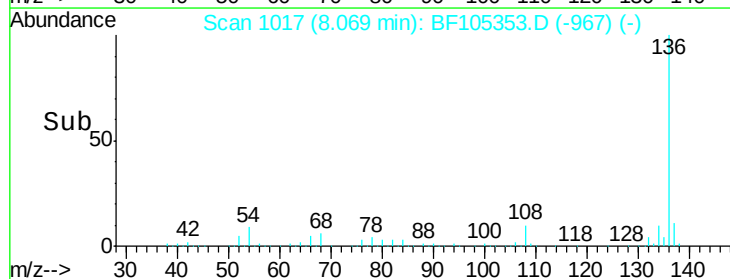
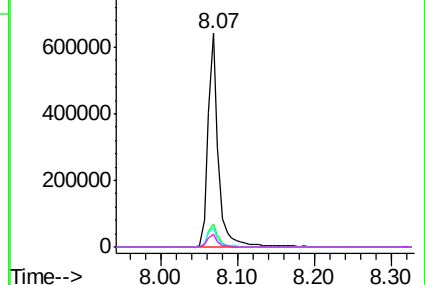


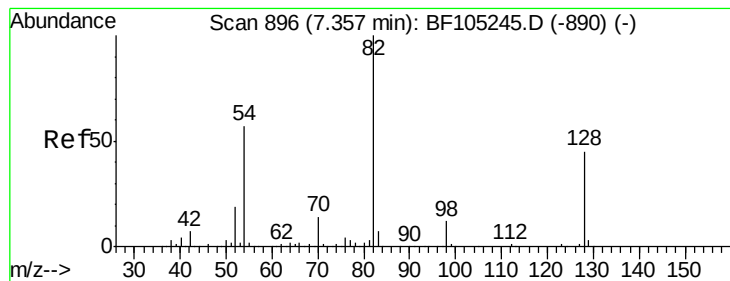
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 101.287 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.00 min

Lab File: BF105353.D

Acq: 12 May 2018 22:08

Instrument :

BNA_F

ClientSampleId :

050918-JETW-E-D-S

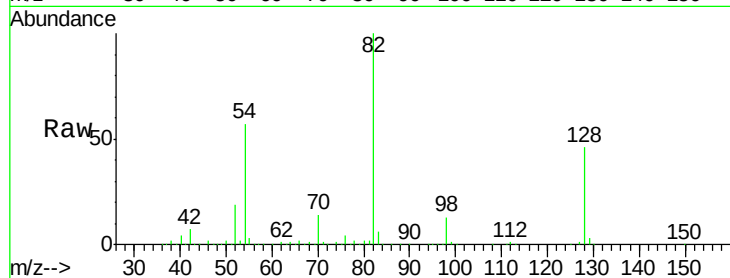
Tot Ion: 82 Resp: 1042138

Ion Ratio Lower Upper

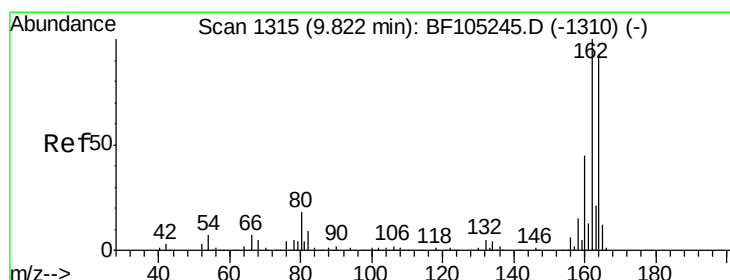
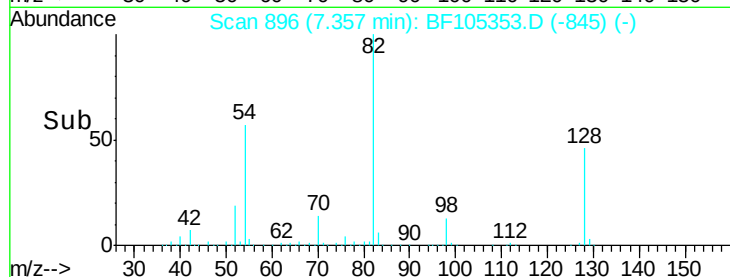
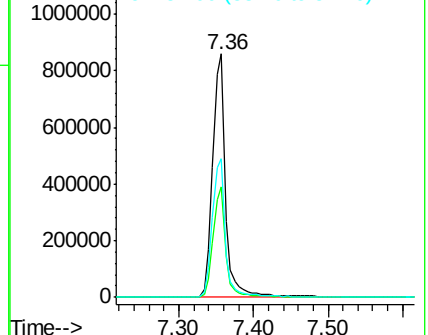
82 100

128 45.5 36.1 54.1

54 56.9 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF105353.D

Acq: 12 May 2018 22:08

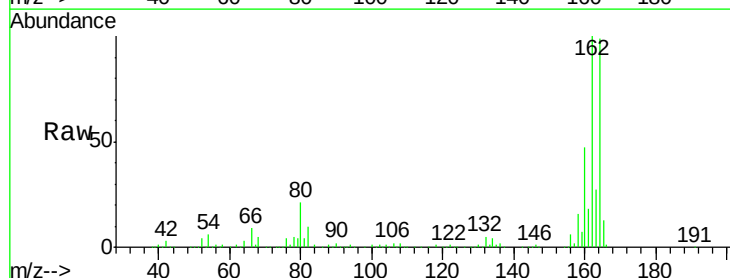
Tgt Ion:164 Resp: 269882

Ion Ratio Lower Upper

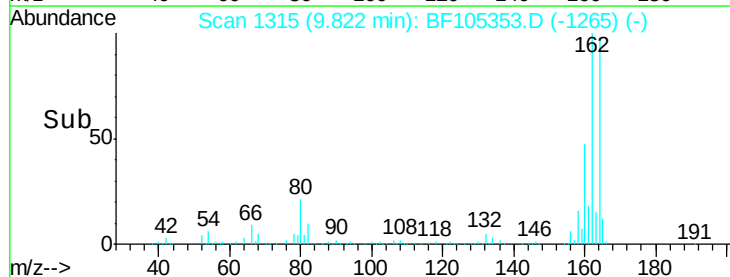
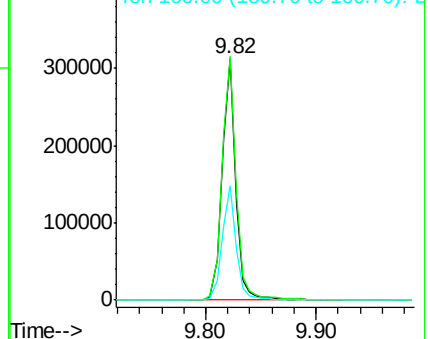
164 100

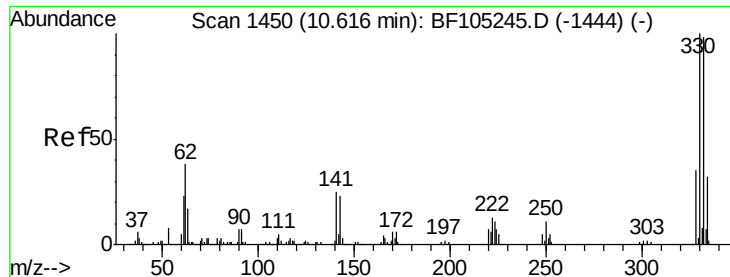
162 100.8 86.1 129.1

160 47.2 38.3 57.5



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

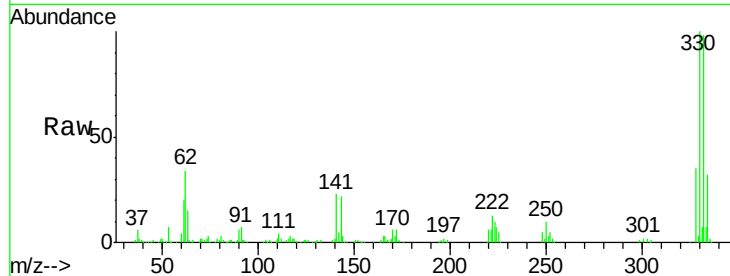




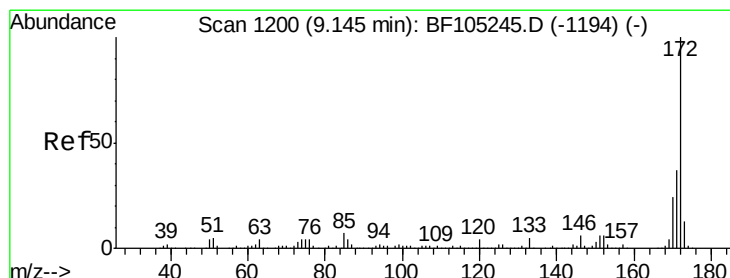
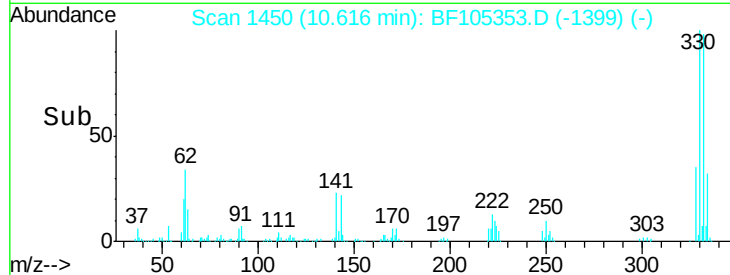
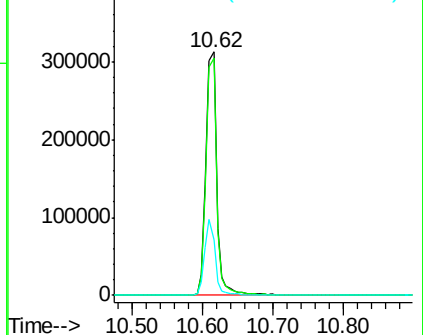
#41
 2,4,6-Tribromophenol
 Concen: 96.261 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. 0.00 min
 Lab File: BF105353.D
 Acq: 12 May 2018 22:08

Instrument :
 BNA_F
 ClientSampleId :
 050918-JETW-E-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	30.4	29.9	44.9

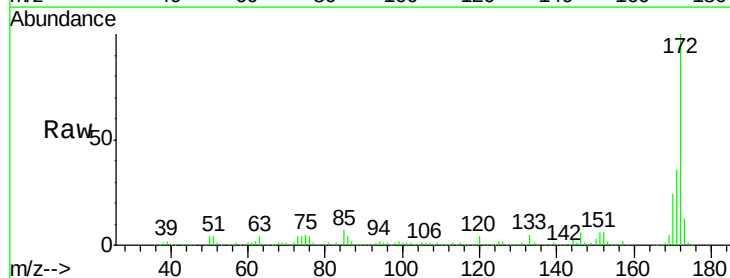


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

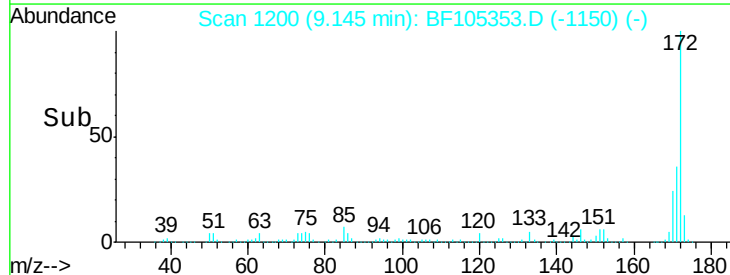
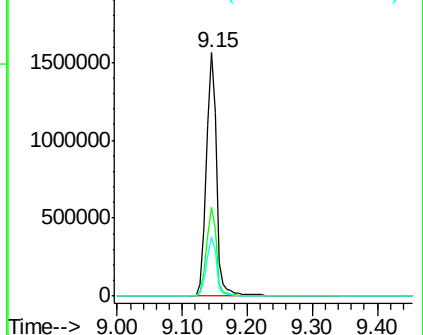


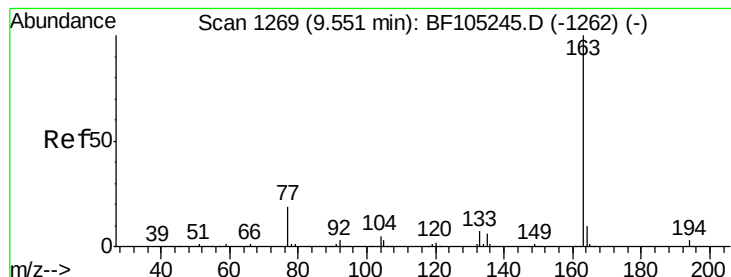
#44
 2-Fluorobiphenyl
 Concen: 92.022 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF105353.D
 Acq: 12 May 2018 22:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.4	19.6	29.4



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





#49

Dimethylphthalate

Concen: 6.370 ng

RT: 9.53 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BF105353.D

Acq: 12 May 2018 22:08

Instrument :

BNA_F

ClientSampleId :

050918-JETW-E-D-S

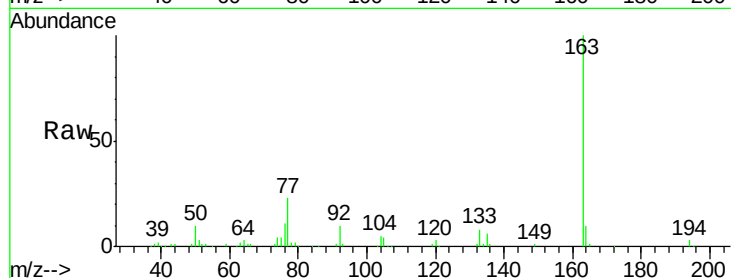
Tot Ion:163 Resp: 131986

Ion Ratio Lower Upper

163 100

194 3.0 2.7 4.1

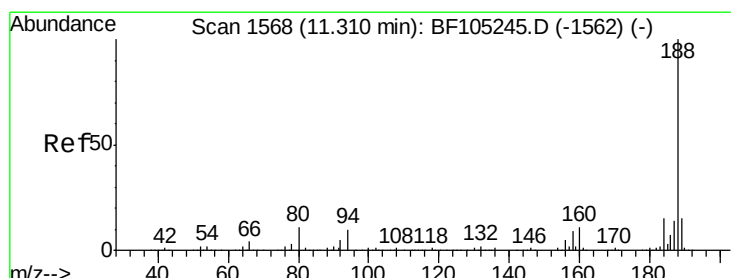
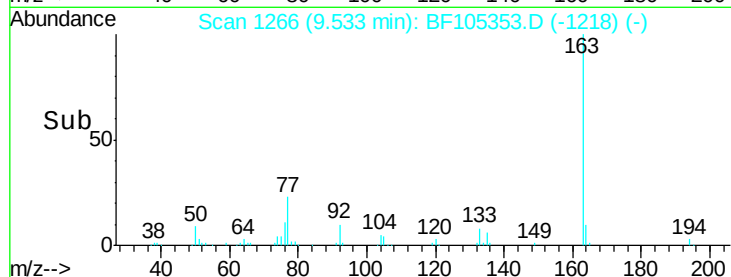
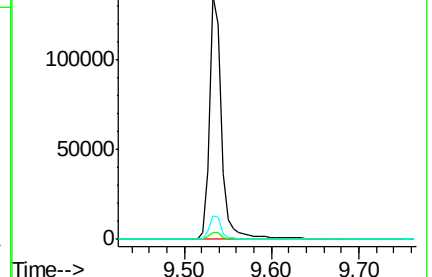
164 9.7 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.31 min Scan# 1568

Delta R.T. 0.00 min

Lab File: BF105353.D

Acq: 12 May 2018 22:08

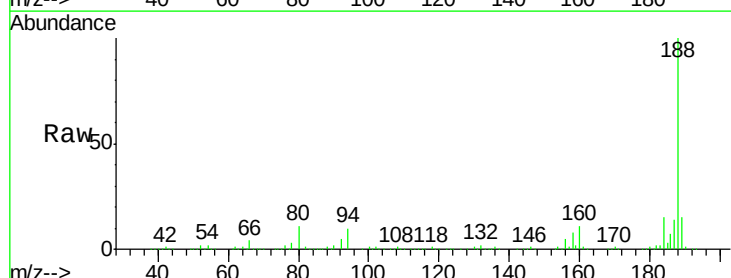
Tgt Ion:188 Resp: 487132

Ion Ratio Lower Upper

188 100

94 9.9 8.5 12.7

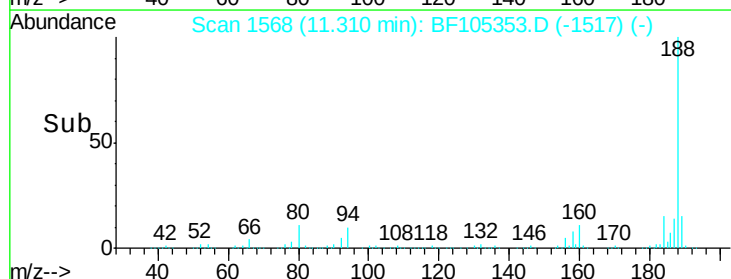
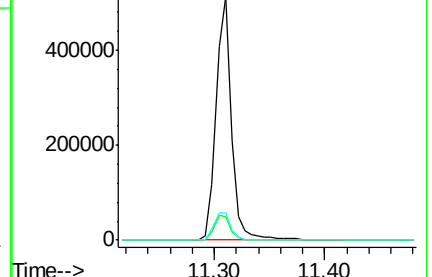
80 11.0 9.2 13.8

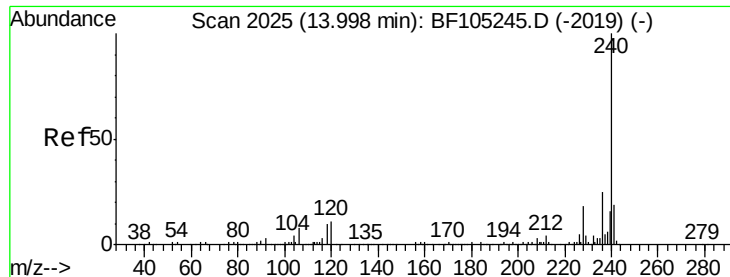


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.04 min

Lab File: BF105353.D

Acq: 12 May 2018 22:08

Instrument :

BNA_F

ClientSampleId :

050918-JETW-E-D-S

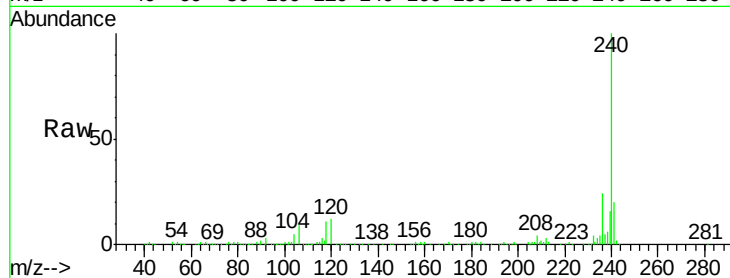
Tot Ion:240 Resp: 313418

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

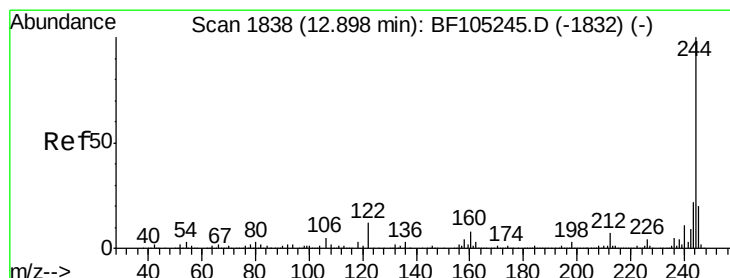
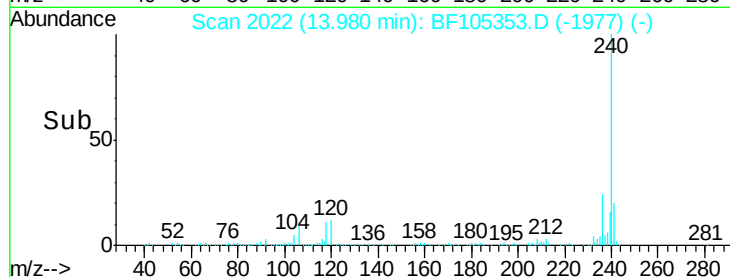
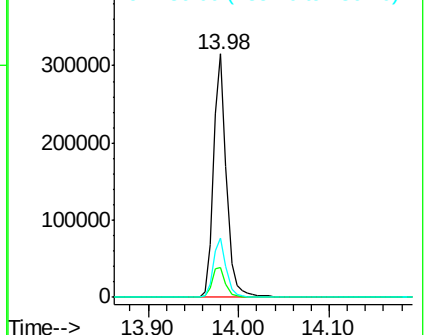
236 24.3 20.7 31.1



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: 111.198 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.00 min

Lab File: BF105353.D

Acq: 12 May 2018 22:08

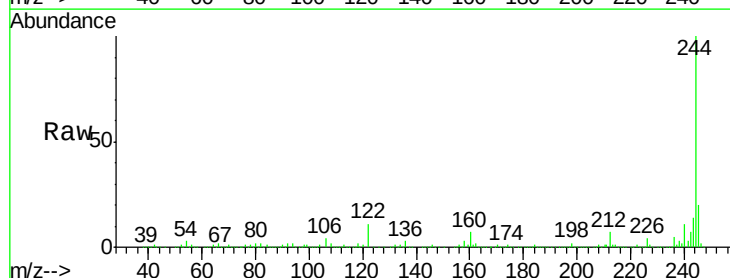
Tgt Ion:244 Resp: 1621248

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

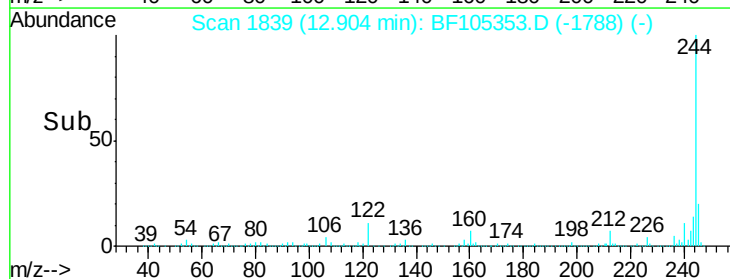
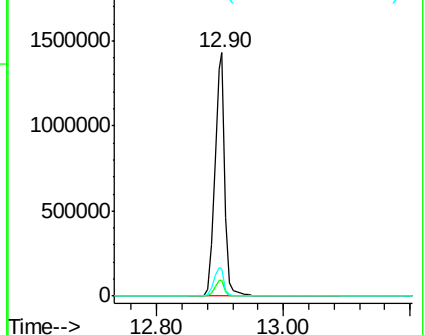
122 11.0 11.0 16.4#

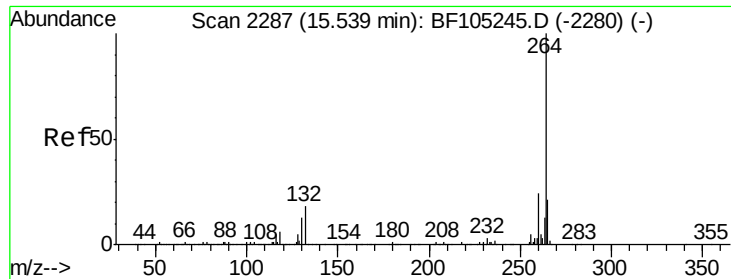


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.06 min
Lab File: BF105353.D
Acq: 12 May 2018 22:08

Instrument :
BNA_F
ClientSampleId :
050918-JETW-E-D-S

Tot Ion: 264 Resp: 347197
Ion Ratio Lower Upper
264 100
260 22.9 19.2 28.8
265 21.4 17.5 26.3

