

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
 Data File : BF105352.D
 Acq On : 12 May 2018 21:42
 Operator : JU/SJ
 Sample : J2834-16
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: May 14 08:58:16 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

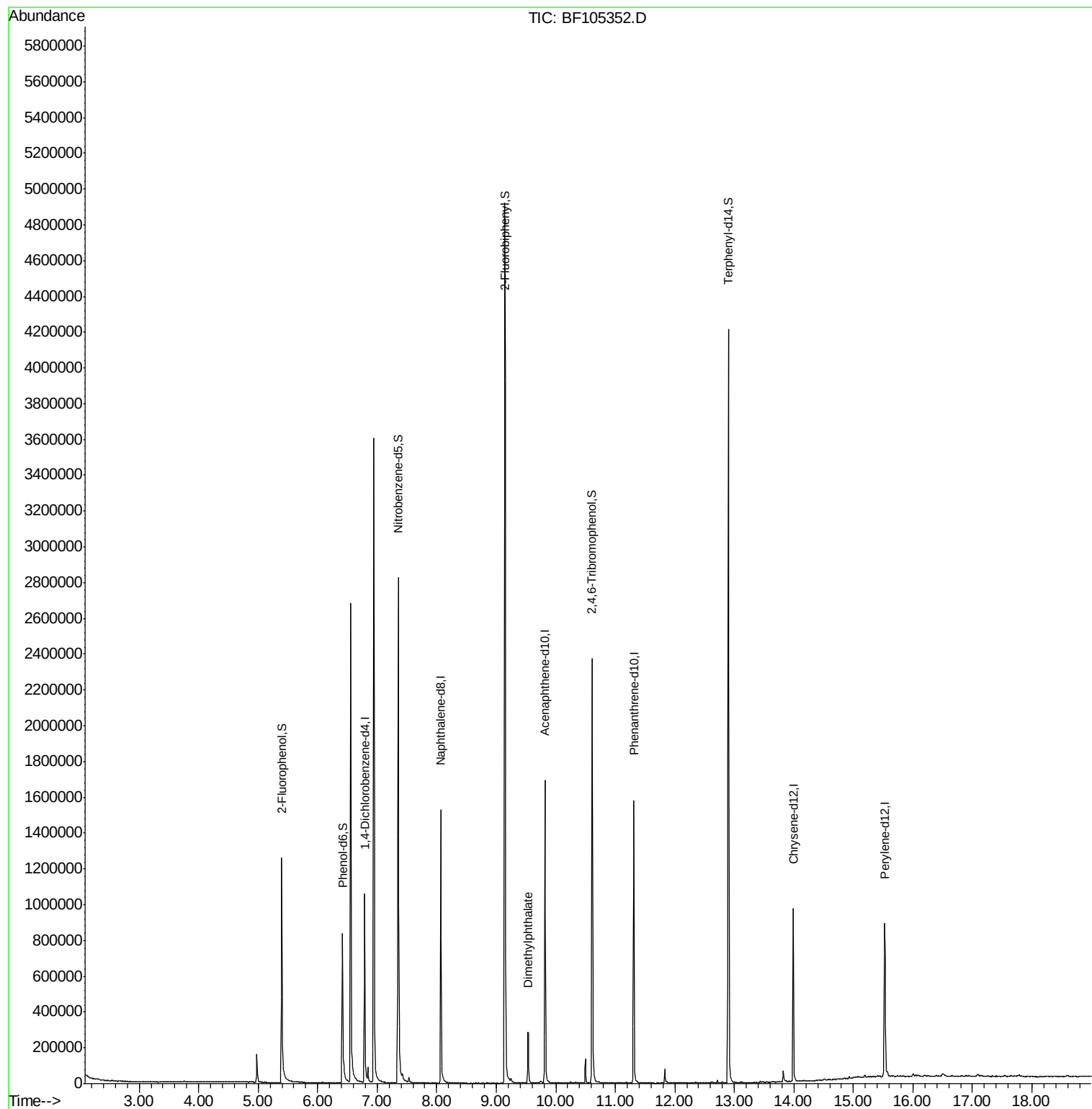
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	161363	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	703324	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	314718	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	570997	20.00	ng	0.00
75) Chrysene-d12	13.99	240	376020	20.00	ng	-0.02
86) Perylene-d12	15.53	264	417059	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	437361	40.77	ng	0.00
7) Phenol-d6	6.42	99	333658	26.17	ng	0.00
23) Nitrobenzene-d5	7.36	82	1098545	90.91	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	345295	84.92	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1766796	80.91	ng	0.00
78) Terphenyl-d14	12.90	244	1652515	94.47	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.54	163	127664	5.284	ng	98

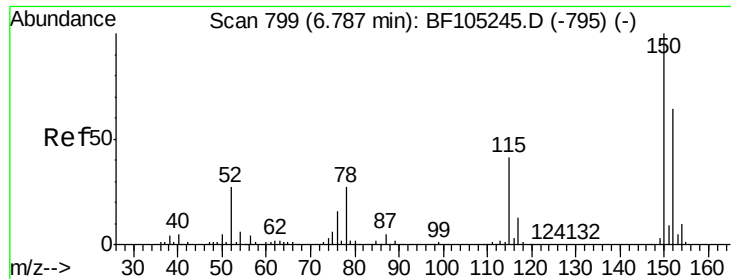
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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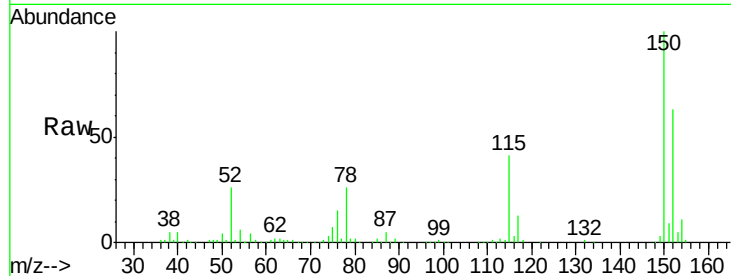


#1

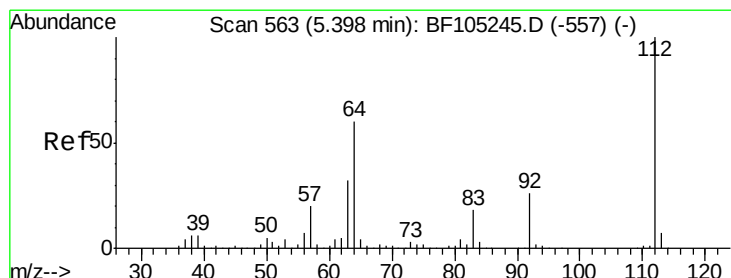
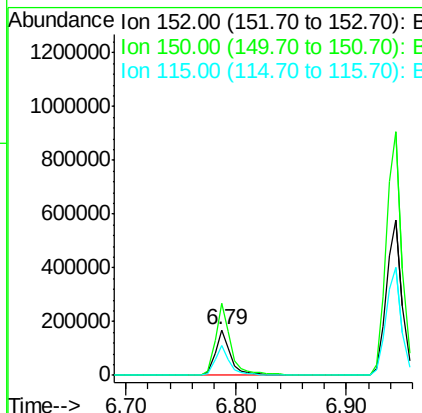
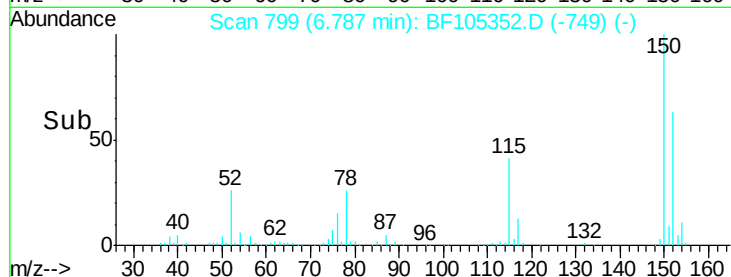
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF105352.D
 Acq: 12 May 2018 21:42

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

Tot Ion:152 Resp: 161363
 Ion Ratio Lower Upper
 152 100
 150 158.2 124.6 186.8
 115 64.6 50.1 75.1



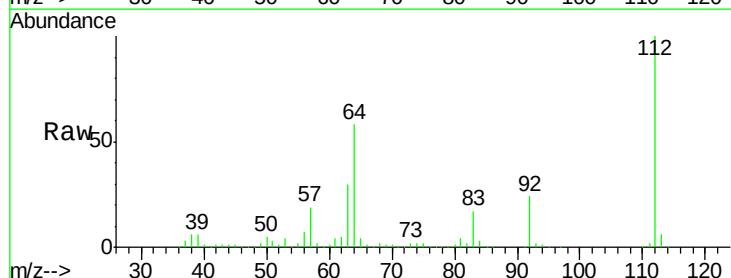
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



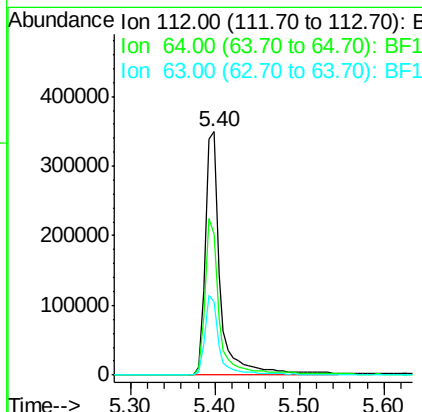
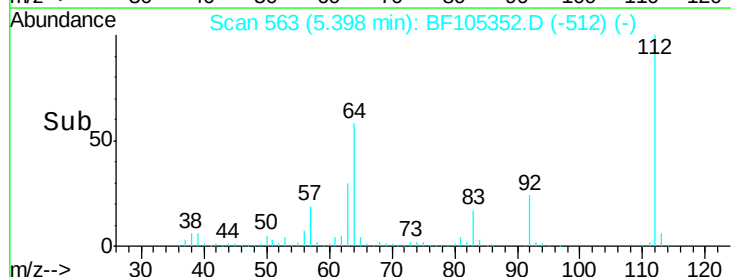
#5

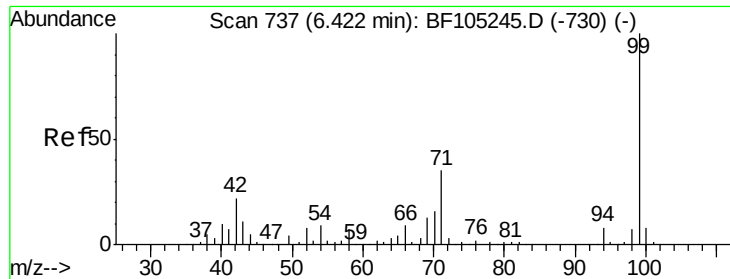
2-Fluorophenol
 Concen: 40.765 ng
 RT: 5.40 min Scan# 563
 Delta R.T. 0.00 min
 Lab File: BF105352.D
 Acq: 12 May 2018 21:42

Tgt Ion:112 Resp: 437361
 Ion Ratio Lower Upper
 112 100
 64 58.2 47.9 71.9
 63 29.9 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: 26.172 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF105352.D

Acq: 12 May 2018 21:42

Instrument :

BNA_F

ClientSampleId :

050918-JETW-E-D-M

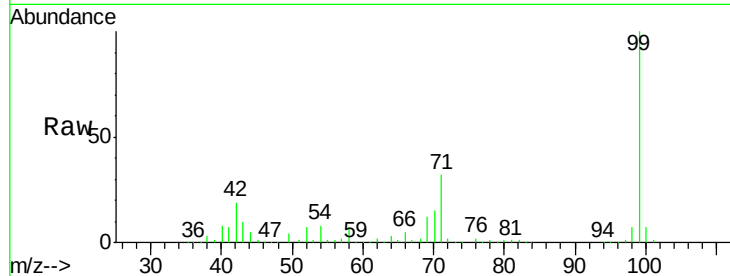
Tot Ion: 99 Resp: 333658

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

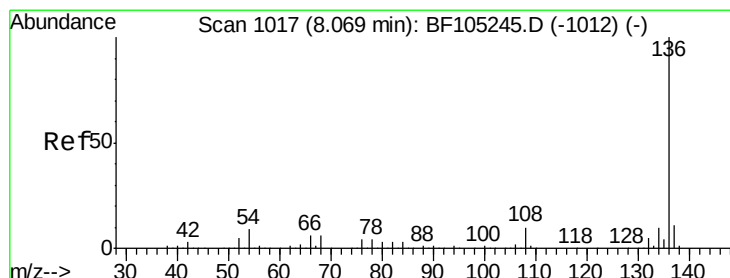
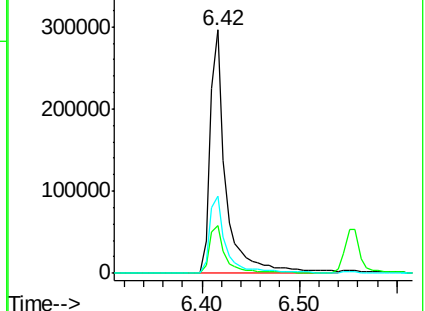
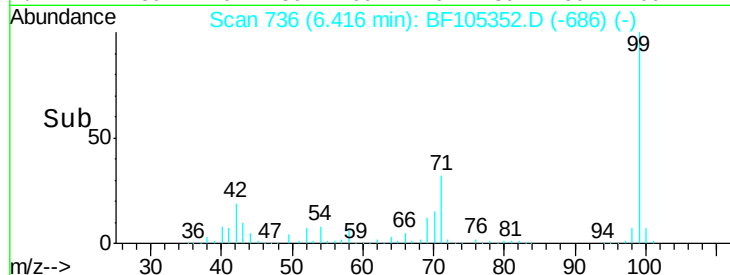
71 31.9 25.4 38.0



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: BF105352.D

Acq: 12 May 2018 21:42

Tgt Ion: 136 Resp: 703324

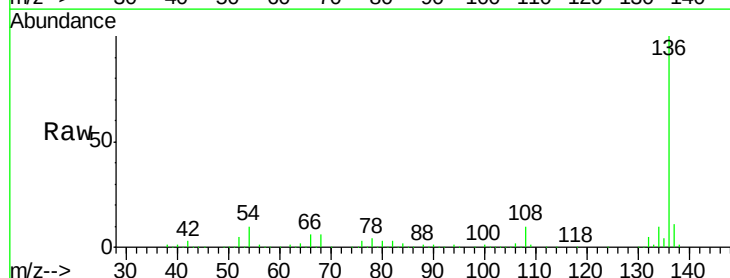
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.5 6.6 9.8

68 6.4 5.0 7.4

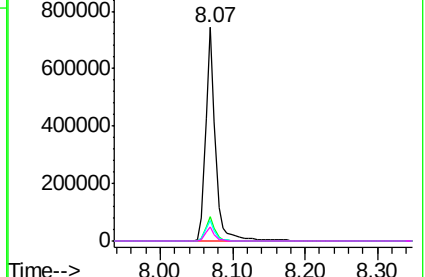
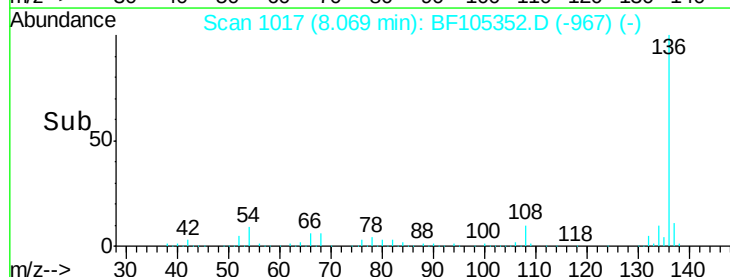


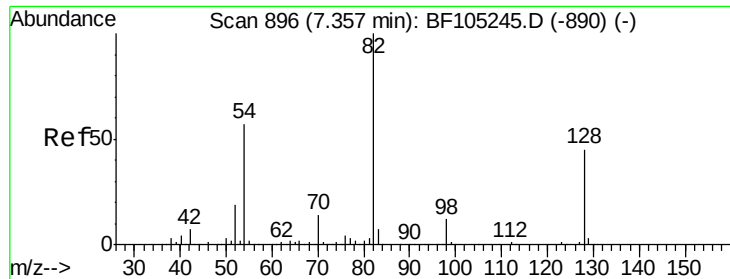
Abundance Ion 136.00 (135.70 to 136.70): E

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

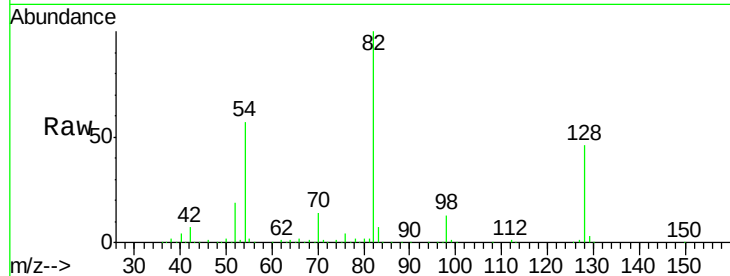




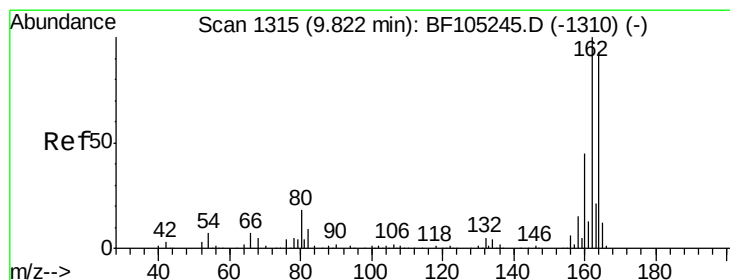
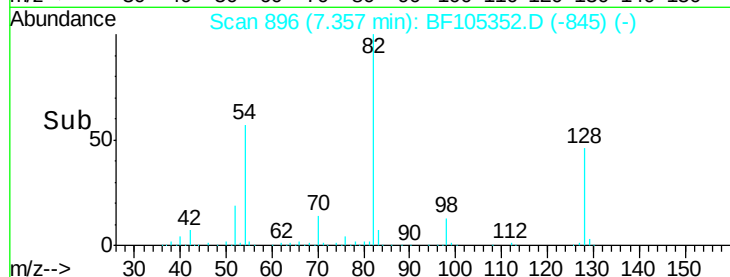
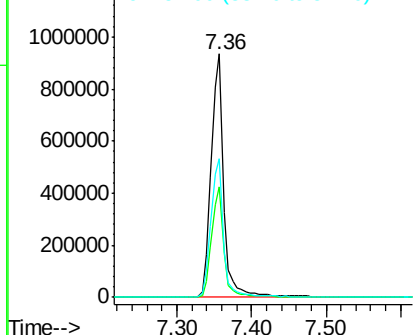
#23
 Nitrobenzene-d5
 Concen: 90.907 ng
 RT: 7.36 min Scan# 896
 Delta R.T. 0.00 min
 Lab File: BF105352.D
 Acq: 12 May 2018 21:42

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

Tot Ion: 82 Resp: 1098545
 Ion Ratio Lower Upper
 82 100
 128 45.6 36.1 54.1
 54 56.7 41.4 62.2

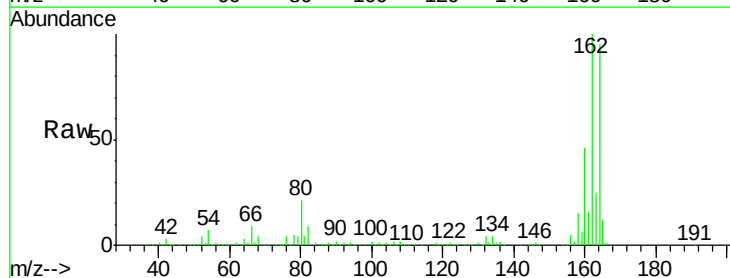


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

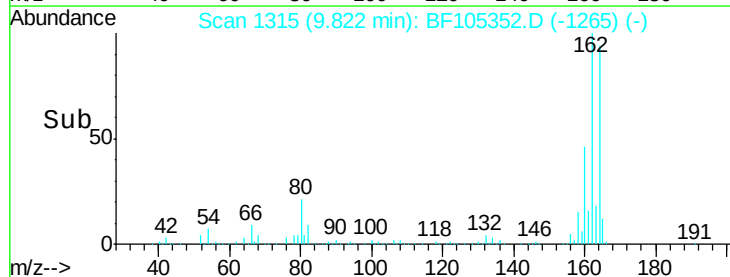
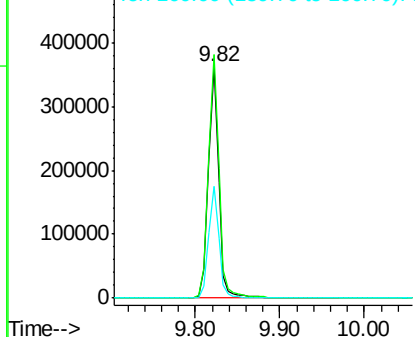


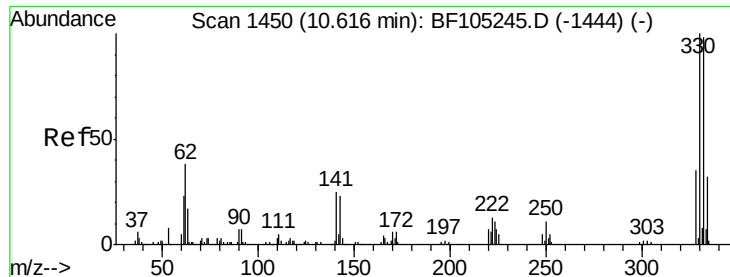
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF105352.D
 Acq: 12 May 2018 21:42

Tgt Ion: 164 Resp: 314718
 Ion Ratio Lower Upper
 164 100
 162 105.3 86.1 129.1
 160 48.5 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1





#41

2,4,6-Tribromophenol

Concen: 84.922 ng

RT: 10.62 min Scan# 1450

Delta R.T. 0.00 min

Lab File: BF105352.D

Acq: 12 May 2018 21:42

Instrument :

BNA_F

ClientSampleId :

050918-JETW-E-D-M

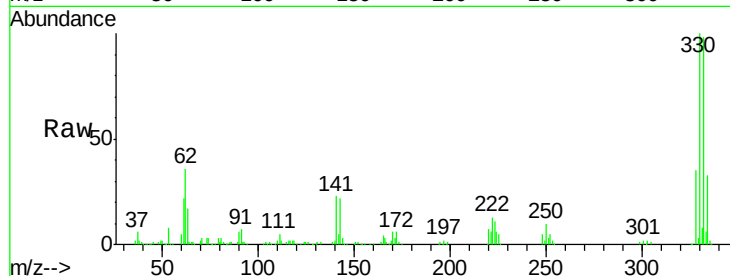
Tot Ion:330 Resp: 345295

Ion Ratio Lower Upper

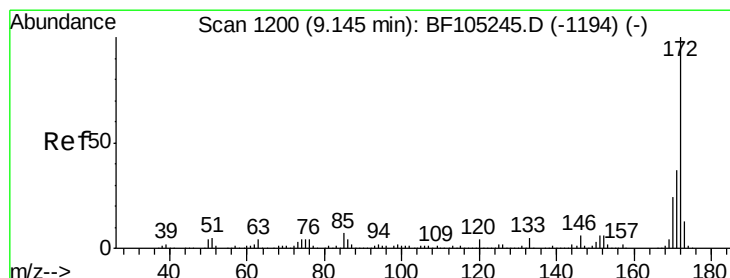
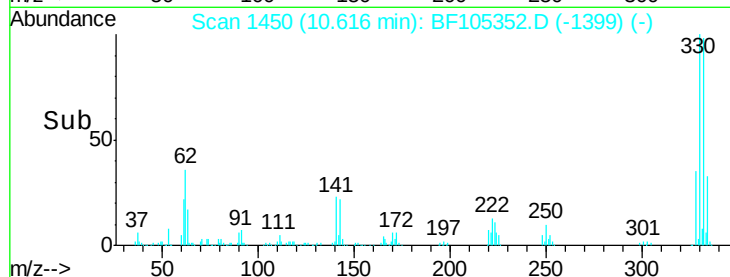
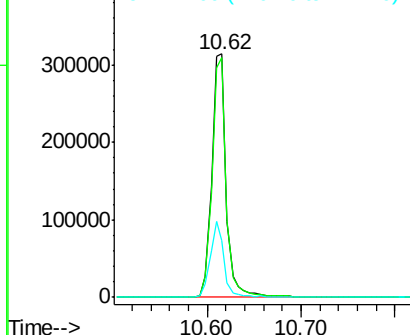
330 100

332 96.5 77.0 115.6

141 30.0 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: 80.913 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BF105352.D

Acq: 12 May 2018 21:42

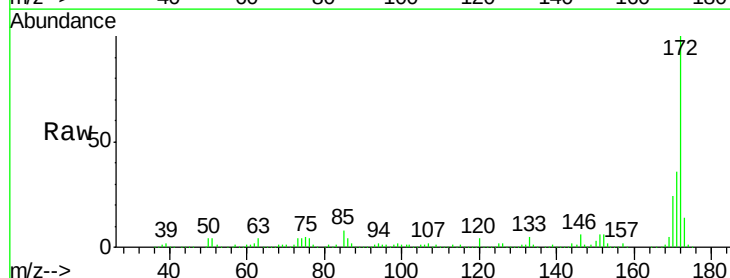
Tgt Ion:172 Resp: 1766796

Ion Ratio Lower Upper

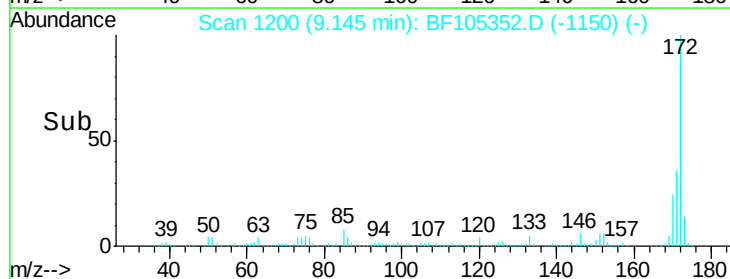
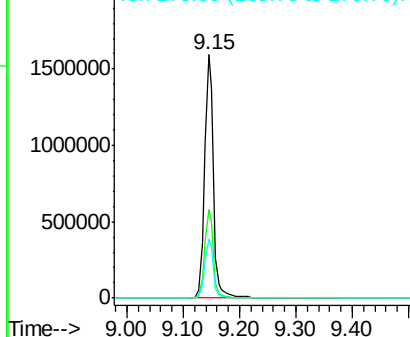
172 100

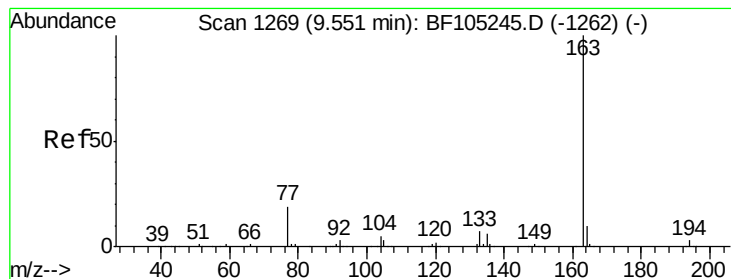
171 36.4 29.7 44.5

170 24.2 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: 5.284 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF105352.D

Acq: 12 May 2018 21:42

Instrument :

BNA_F

ClientSampleId :

050918-JETW-E-D-M

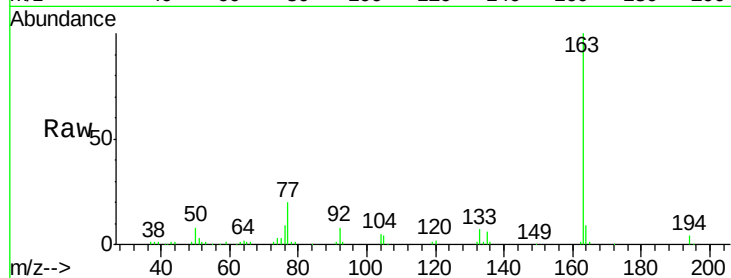
Tot Ion:163 Resp: 127664

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

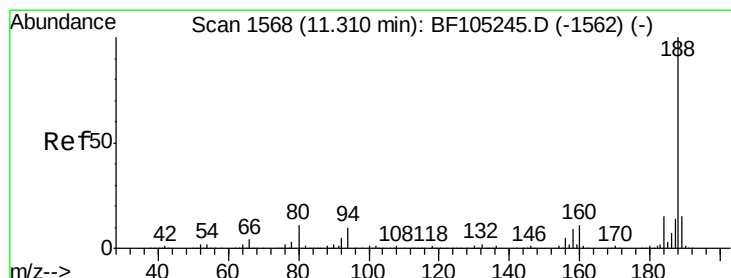
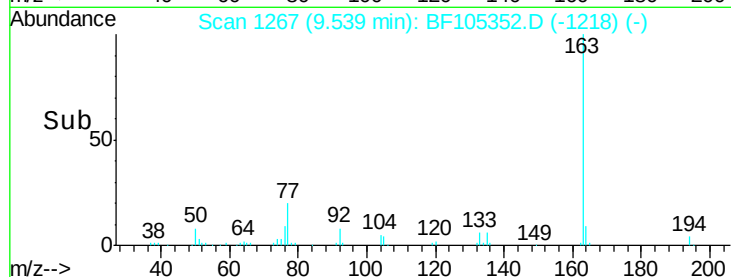
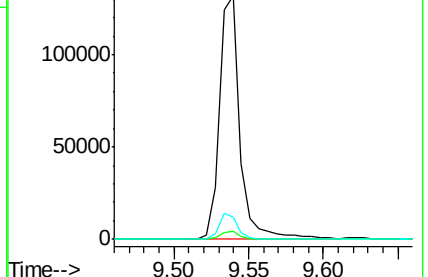
164 9.3 8.2 12.2



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: BF105352.D

Acq: 12 May 2018 21:42

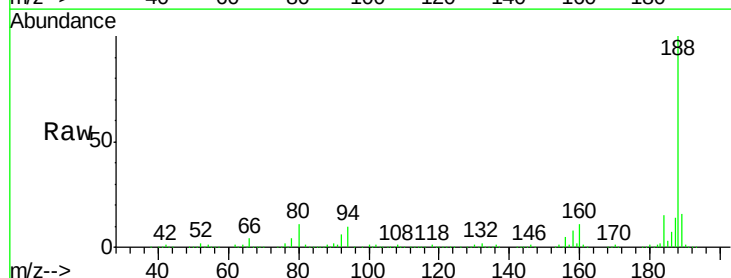
Tgt Ion:188 Resp: 570997

Ion Ratio Lower Upper

188 100

94 10.1 8.5 12.7

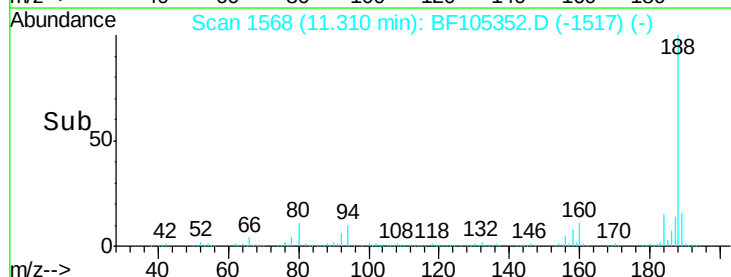
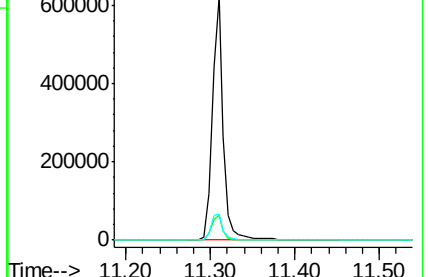
80 10.9 9.2 13.8

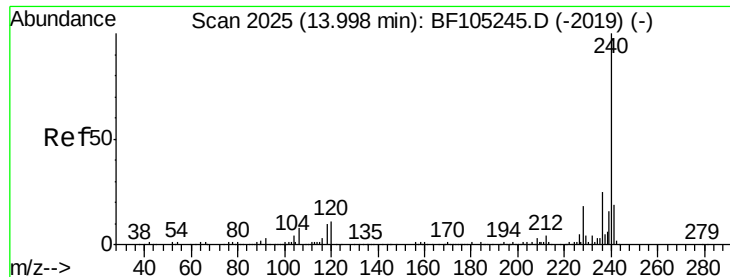


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.99 min Scan# 2024

Delta R.T. -0.02 min

Lab File: BF105352.D

Acq: 12 May 2018 21:42

Instrument :

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ClientSampleId :

050918-JETW-E-D-M

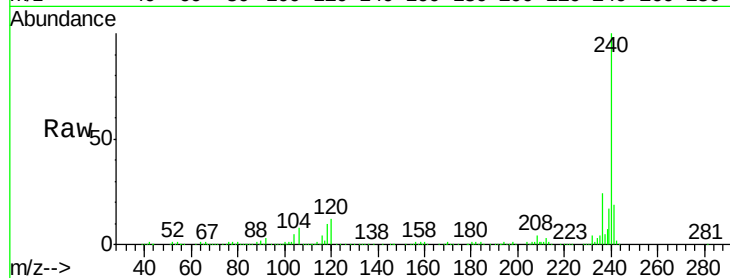
Tot Ion:240 Resp: 376020

Ion Ratio Lower Upper

240 100

120 12.0 9.5 14.3

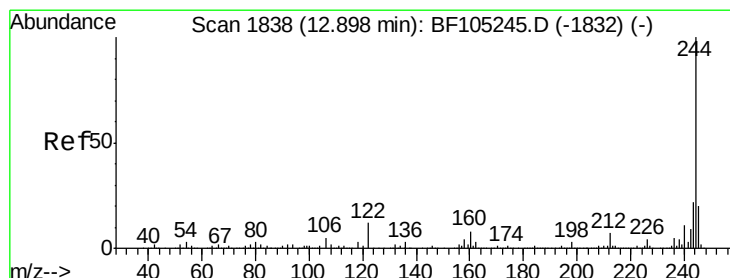
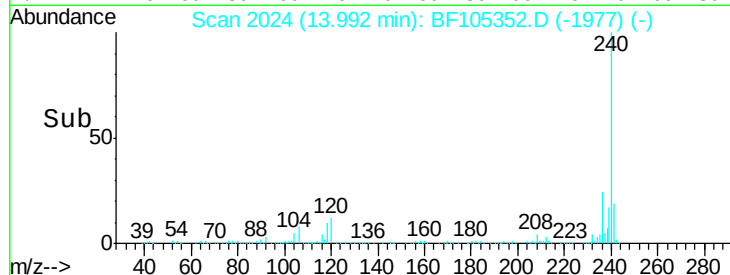
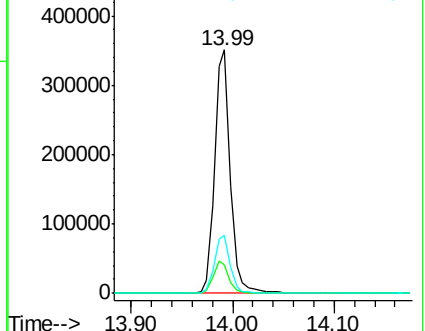
236 23.9 20.7 31.1



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: 94.473 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.00 min

Lab File: BF105352.D

Acq: 12 May 2018 21:42

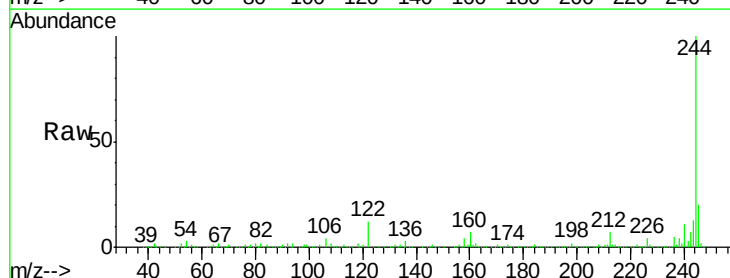
Tgt Ion:244 Resp: 1652515

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

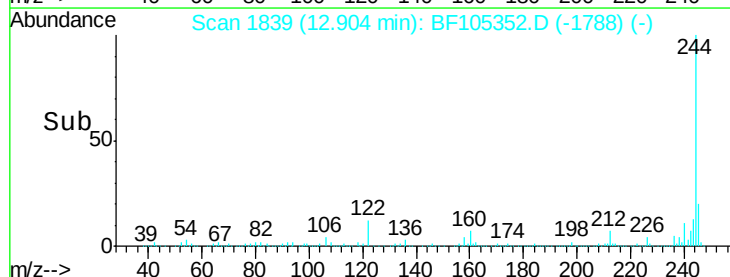
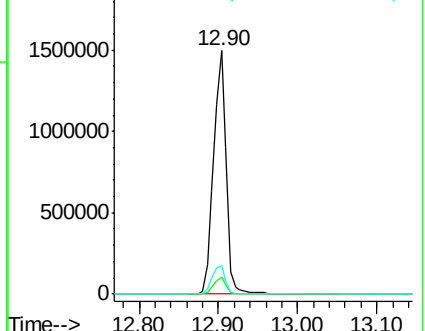
122 11.8 11.0 16.4

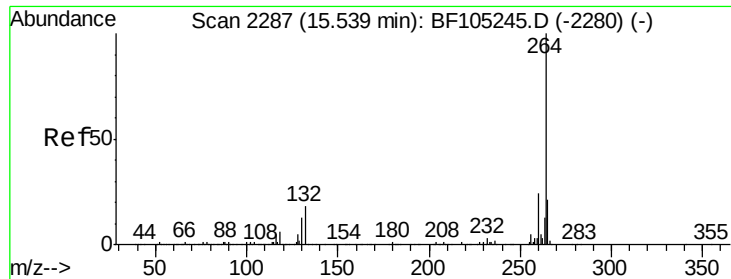


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.53 min Scan# 2285
Delta R.T. -0.04 min
Lab File: BF105352.D
Acq: 12 May 2018 21:42

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.1	17.5	26.3

