

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
 Data File : BF105351.D
 Acq On : 12 May 2018 21:16
 Operator : JU/SJ
 Sample : J2834-15
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: May 14 08:59:20 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

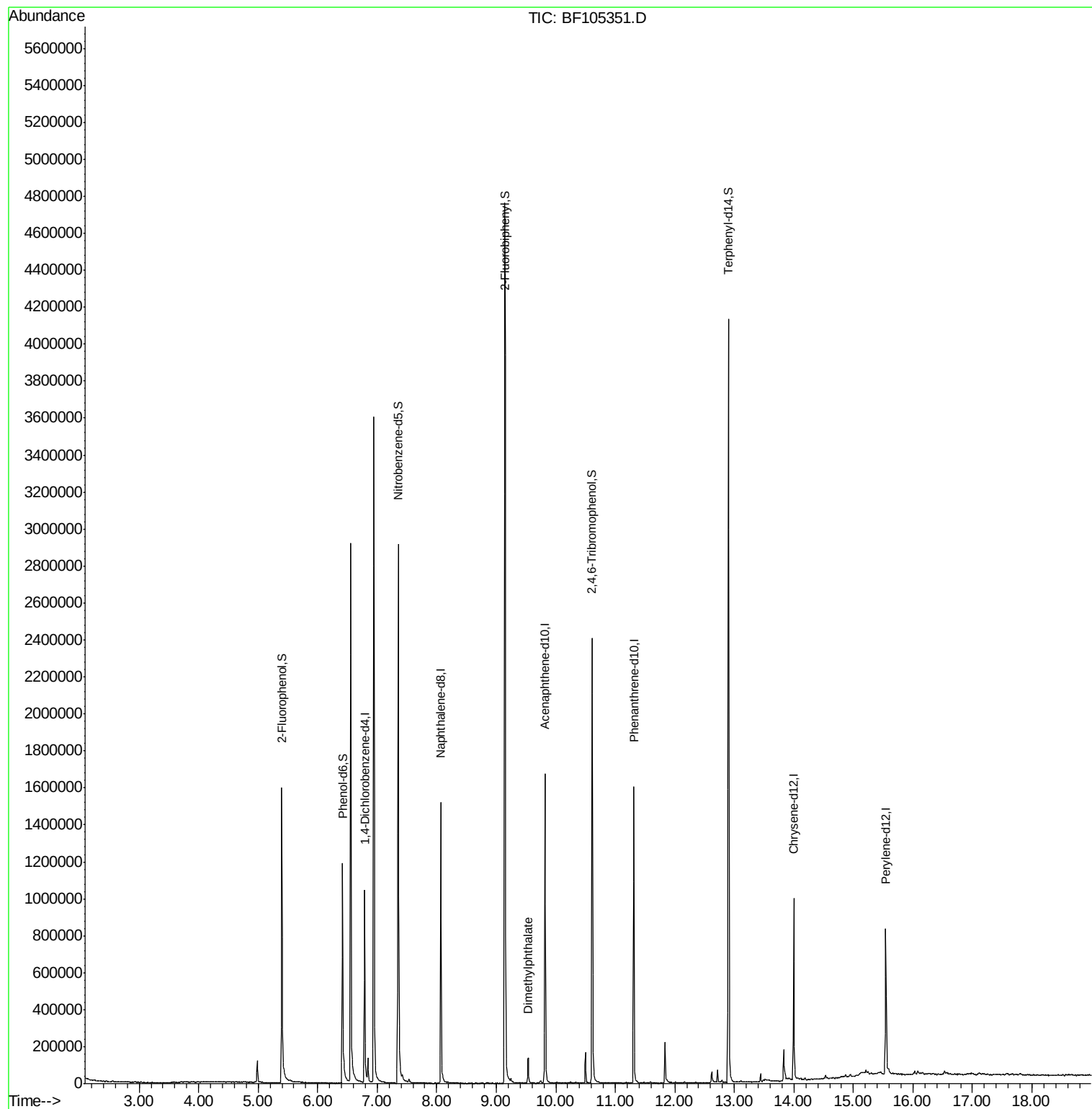
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	163025	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	695976	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	317650	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	568432	20.00	ng	0.00
75) Chrysene-d12	14.00	240	355091	20.00	ng	-0.02
86) Perylene-d12	15.55	264	396130	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	496648	45.82	ng	0.00
7) Phenol-d6	6.42	99	426770	33.13	ng	0.00
23) Nitrobenzene-d5	7.36	82	1109465	92.78	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	349017	85.04	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1749245	79.37	ng	0.00
78) Terphenyl-d14	12.90	244	1655843	100.24	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.54	163	61191	2.509	ng	Qvalue 100

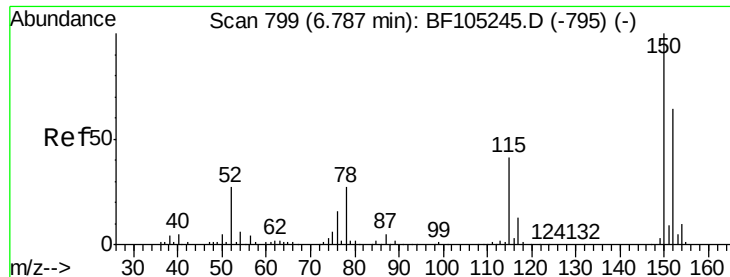
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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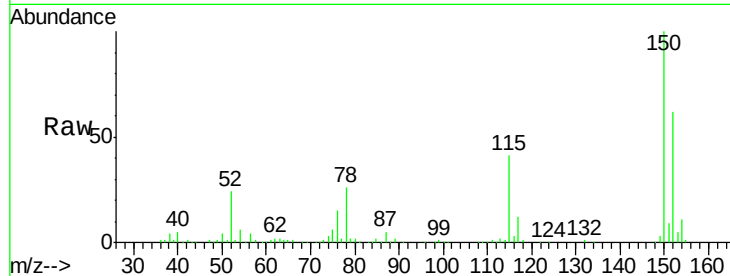


#1

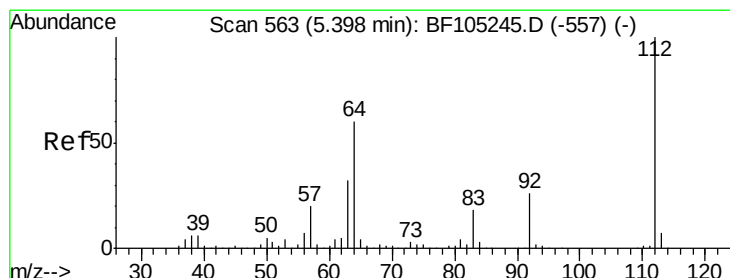
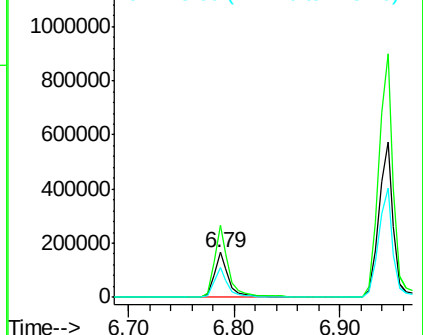
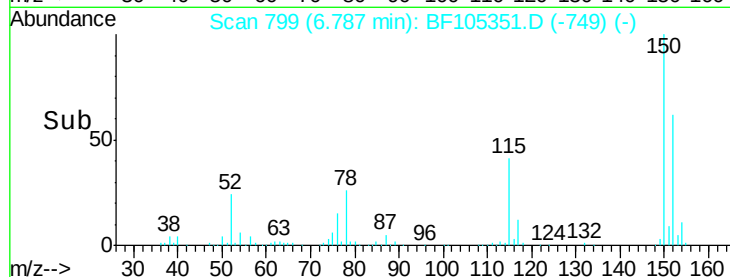
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF105351.D
Acq: 12 May 2018 21:16

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

Tot Ion:152 Resp: 163025
Ion Ratio Lower Upper
152 100
150 161.4 124.6 186.8
115 65.5 50.1 75.1



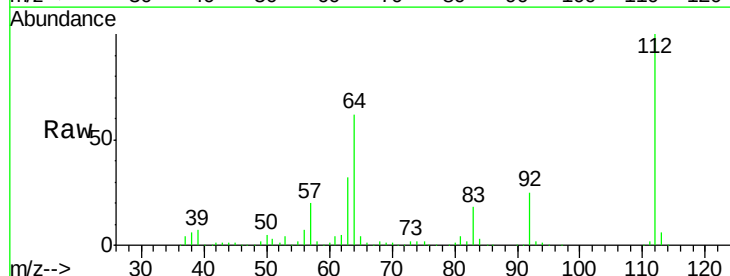
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



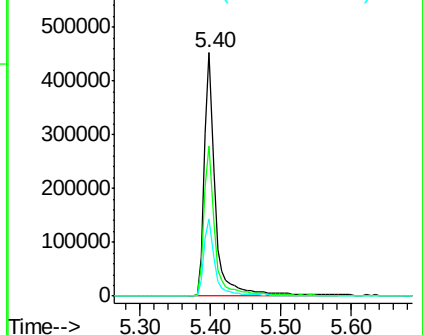
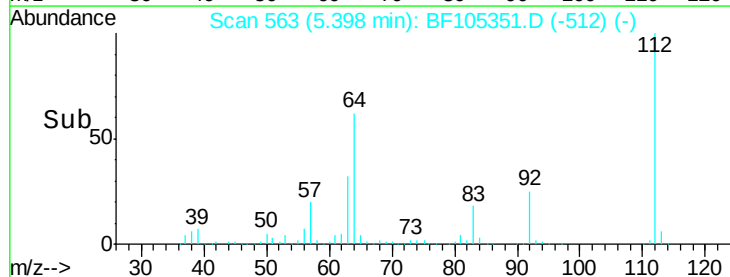
#5

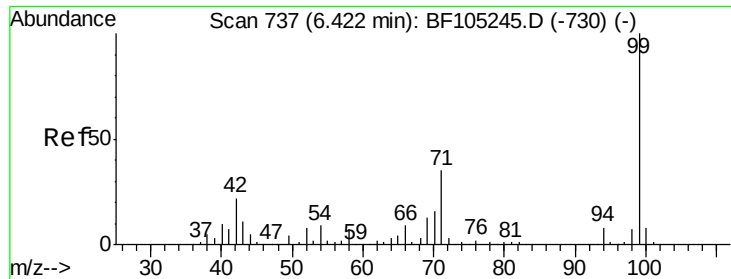
2-Fluorophenol
Concen: 45.819 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.00 min
Lab File: BF105351.D
Acq: 12 May 2018 21:16

Tgt Ion:112 Resp: 496648
Ion Ratio Lower Upper
112 100
64 61.7 47.9 71.9
63 31.8 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: 33.135 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF105351.D

Acq: 12 May 2018 21:16

Instrument :

BNA_F

ClientSampleId :

050918-JETW-E-D-B

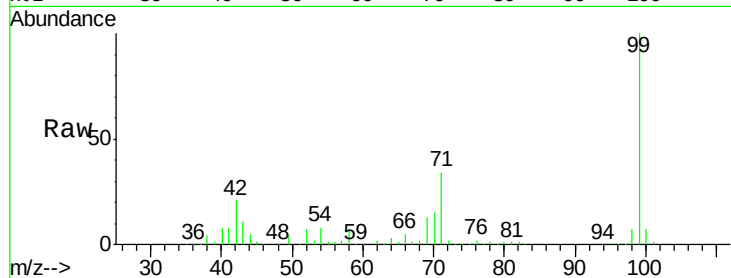
Tot Ion: 99 Resp: 426770

Ion Ratio Lower Upper

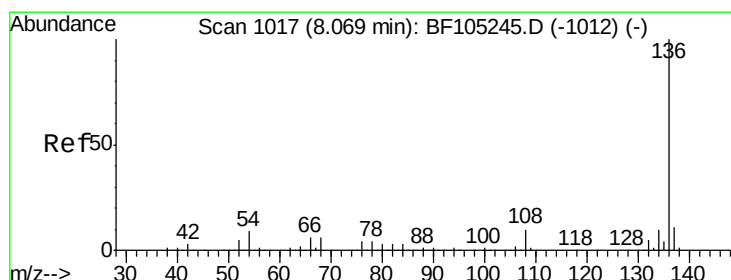
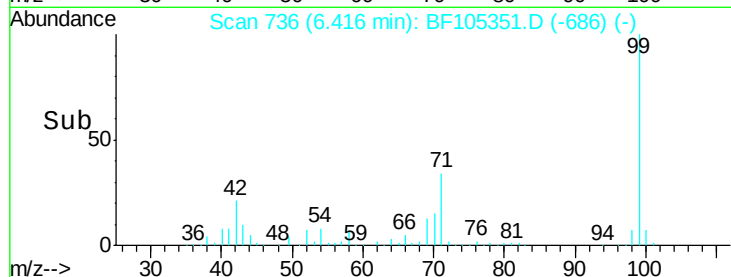
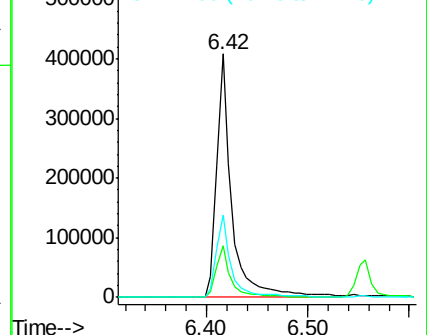
99 100

42 21.2 14.5 21.7

71 33.6 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: BF105351.D

Acq: 12 May 2018 21:16

Tgt Ion: 136 Resp: 695976

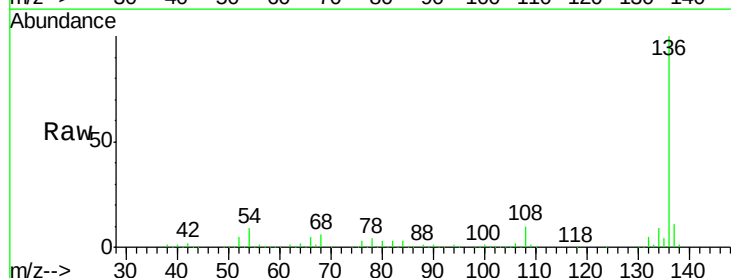
Ion Ratio Lower Upper

136 100

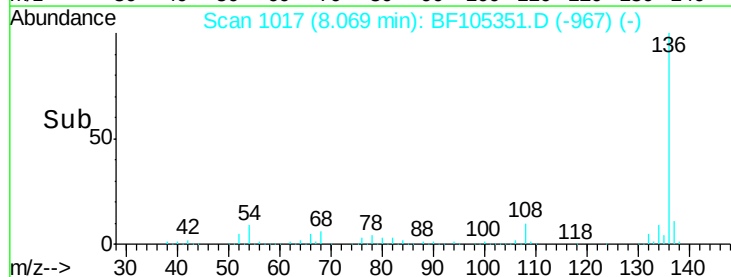
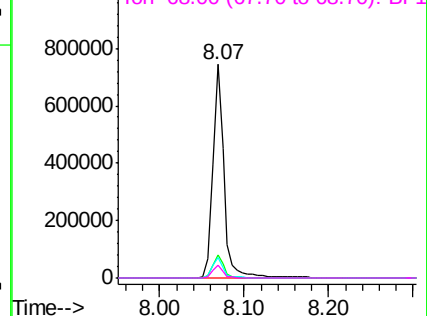
137 11.0 8.9 13.3

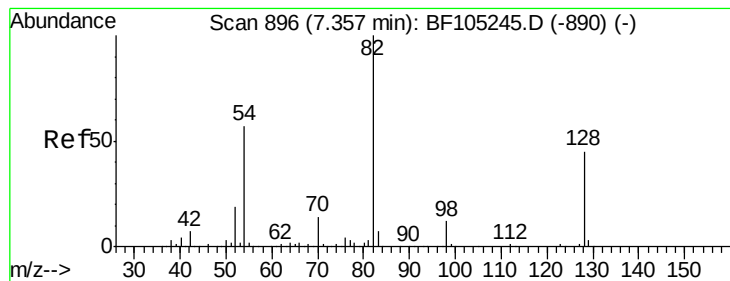
54 9.4 6.6 9.8

68 6.2 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: 92.780 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.00 min

Lab File: BF105351.D

Acq: 12 May 2018 21:16

Instrument :

BNA_F

ClientSampleId :

050918-JETW-E-D-B

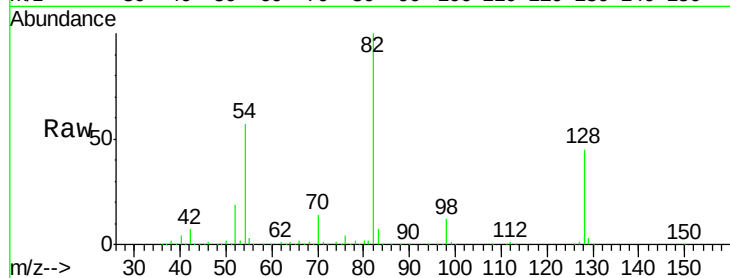
Tot Ion: 82 Resp: 1109465

Ion Ratio Lower Upper

82 100

128 45.1 36.1 54.1

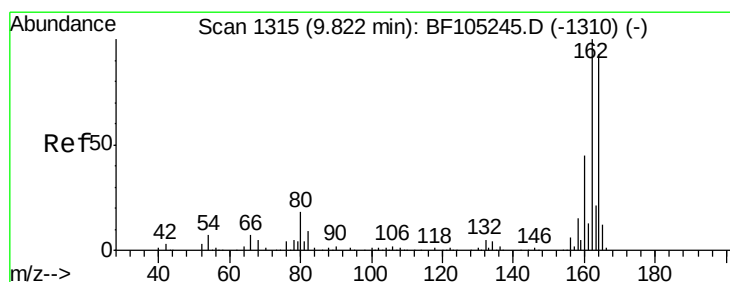
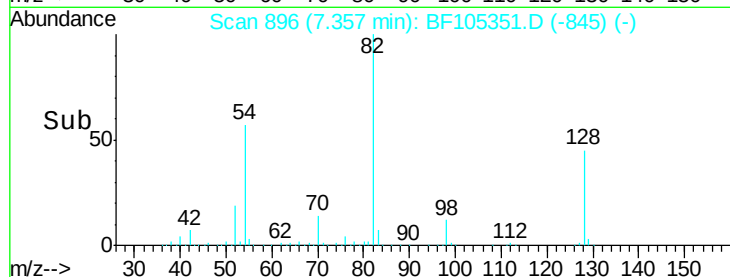
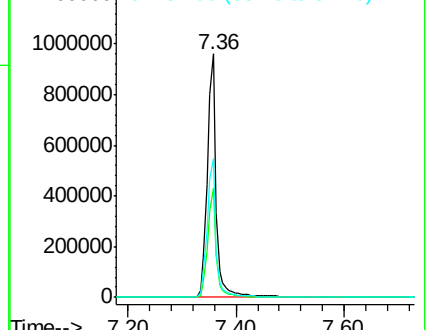
54 56.9 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): 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: BF105351.D

Acq: 12 May 2018 21:16

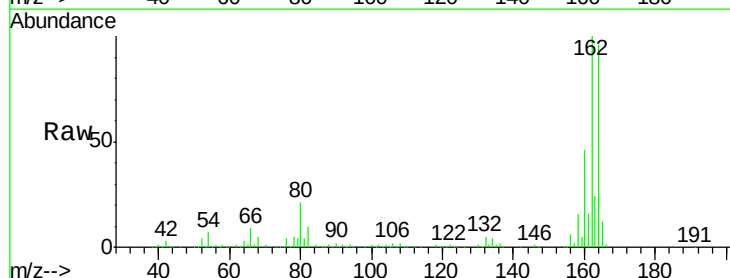
Tgt Ion:164 Resp: 317650

Ion Ratio Lower Upper

164 100

162 104.1 86.1 129.1

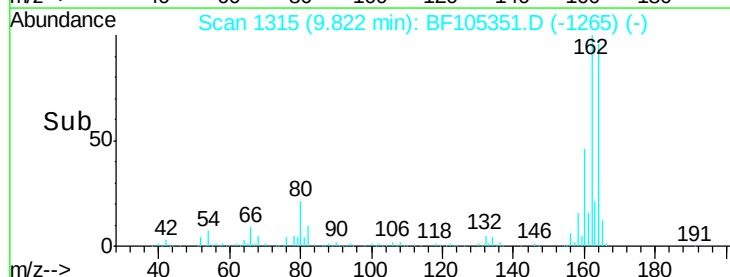
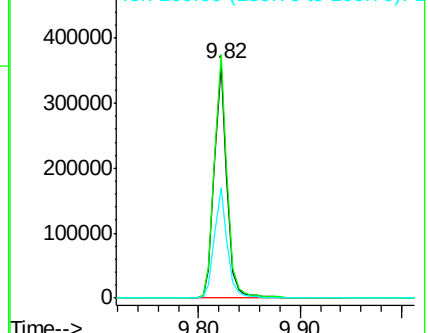
160 47.4 38.3 57.5

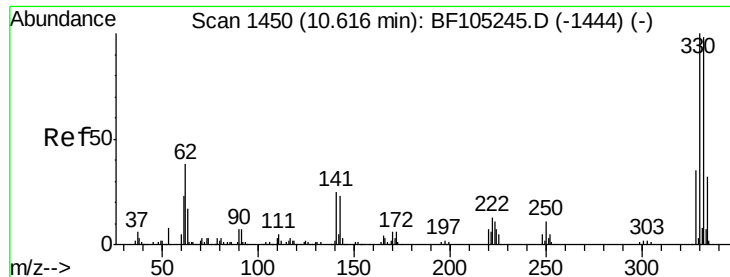


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

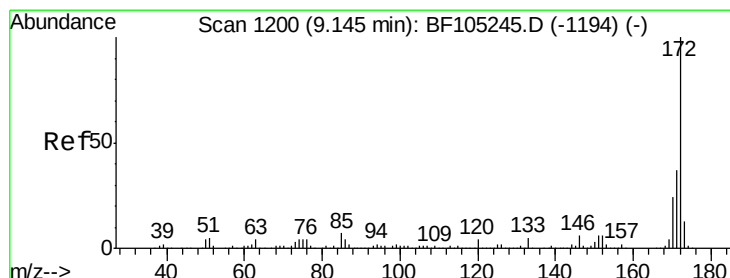
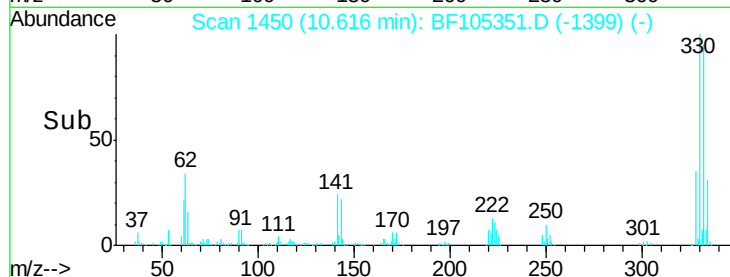
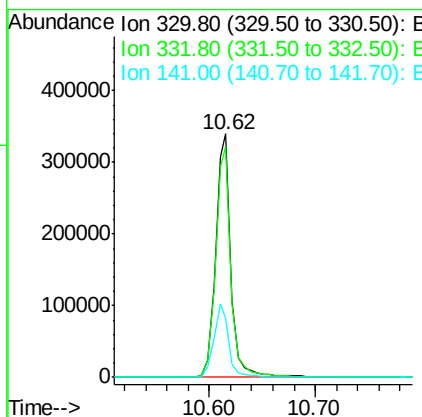
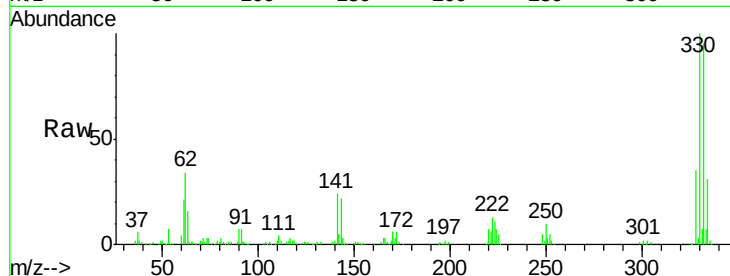




#41
 2,4,6-Tribromophenol
 Concen: 85.045 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. 0.00 min
 Lab File: BF105351.D
 Acq: 12 May 2018 21:16

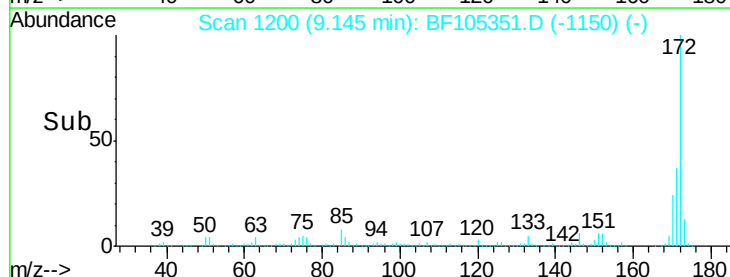
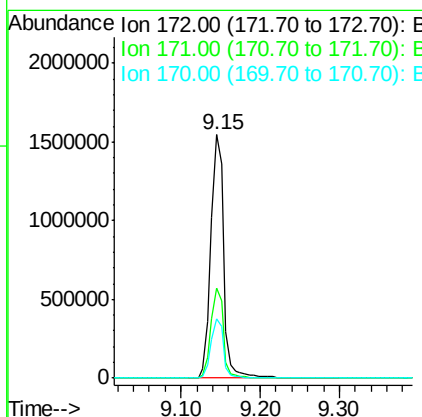
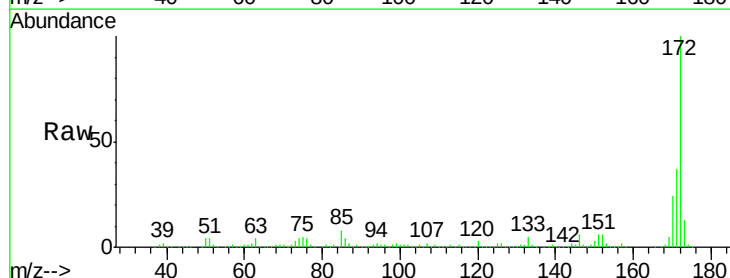
Instrument :
 BNA_F
 ClientSampleId :
 050918-JETW-E-D-B

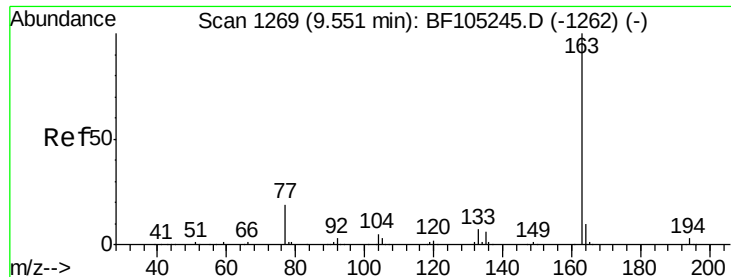
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	30.0	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 79.370 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF105351.D
 Acq: 12 May 2018 21:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.3	19.6	29.4

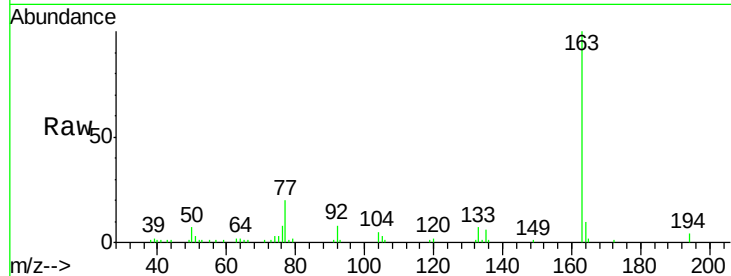




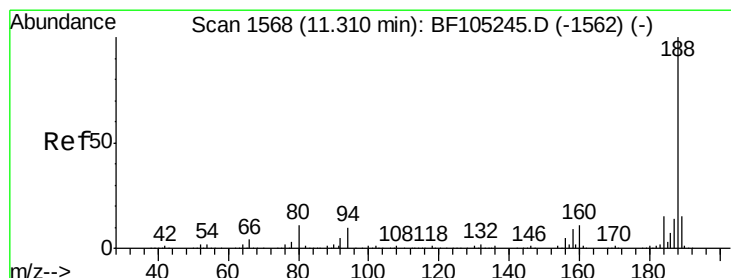
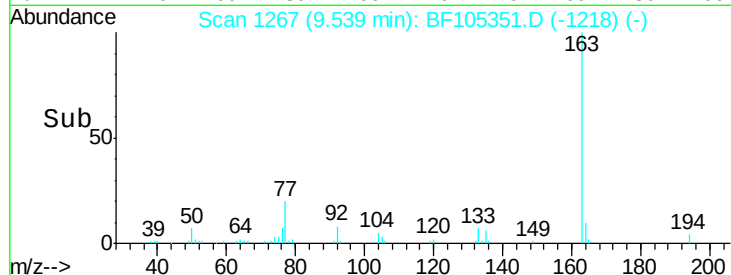
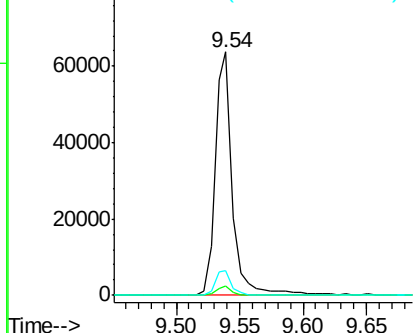
#49
 Dimethylphthalate
 Concen: 2.509 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF105351.D
 Acq: 12 May 2018 21:16

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

Tot Ion:163 Resp: 61191
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.7 4.1
 164 10.1 8.2 12.2

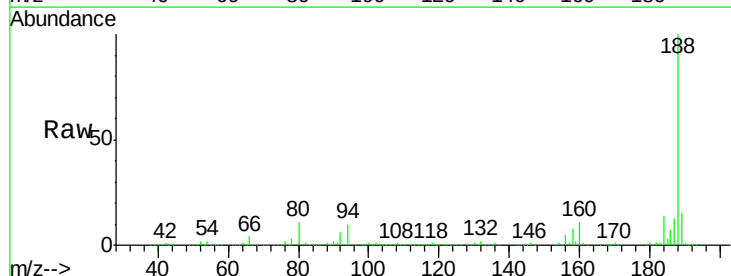


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

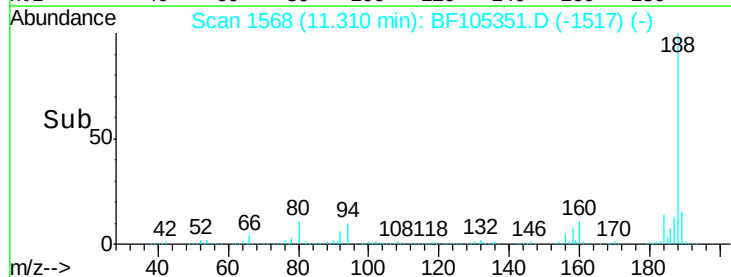
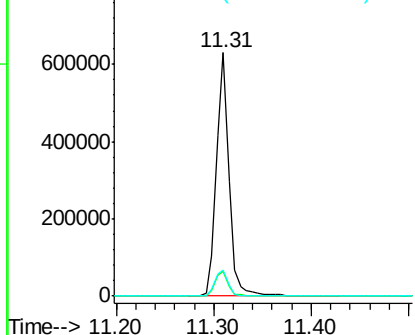


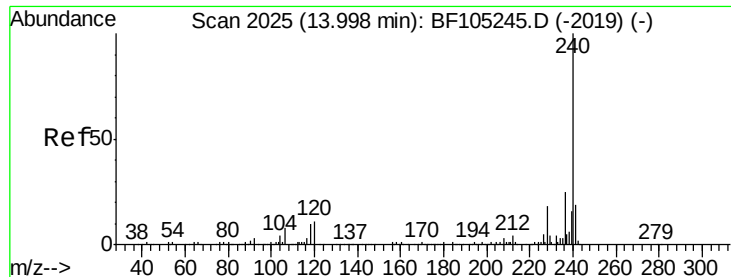
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: BF105351.D
 Acq: 12 May 2018 21:16

Tgt Ion:188 Resp: 568432
 Ion Ratio Lower Upper
 188 100
 94 10.2 8.5 12.7
 80 10.6 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: 14.00 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BF105351.D

Acq: 12 May 2018 21:16

Instrument :

BNA_F

ClientSampleId :

050918-JETW-E-D-B

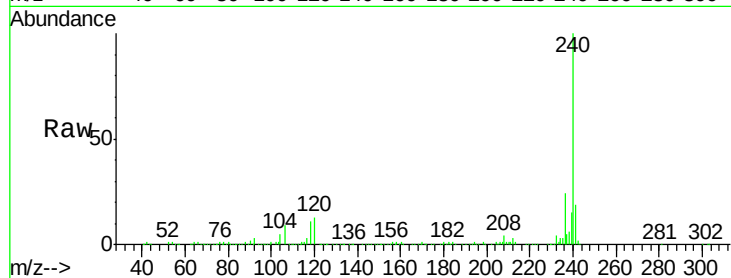
Tot Ion:240 Resp: 355091

Ion Ratio Lower Upper

240 100

120 13.1 9.5 14.3

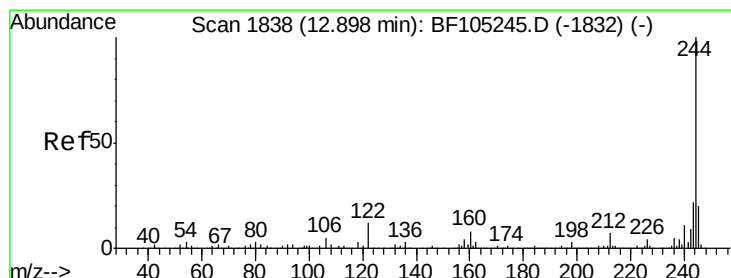
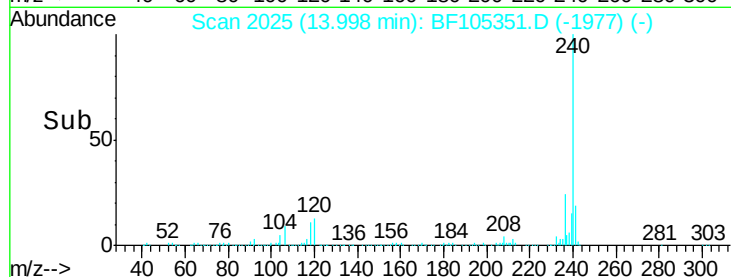
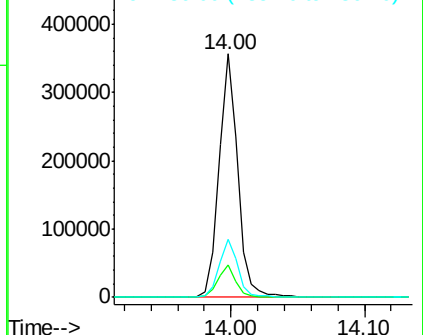
236 24.1 20.7 31.1



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: 100.242 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.00 min

Lab File: BF105351.D

Acq: 12 May 2018 21:16

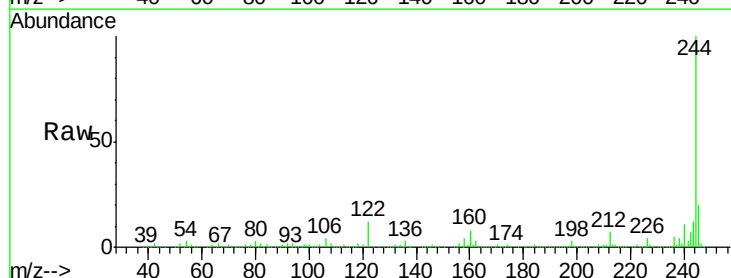
Tgt Ion:244 Resp: 1655843

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

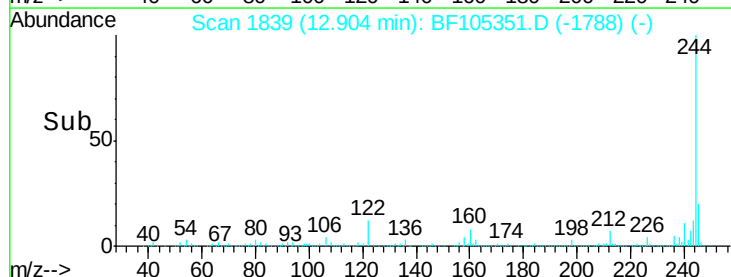
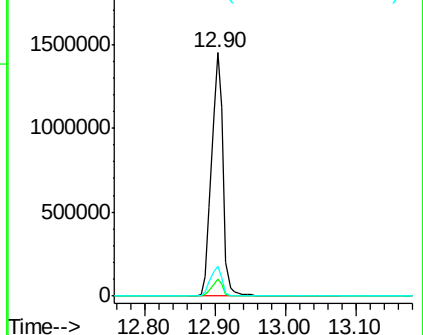
122 12.2 11.0 16.4

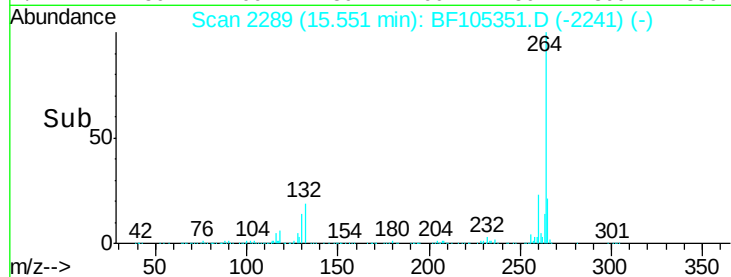
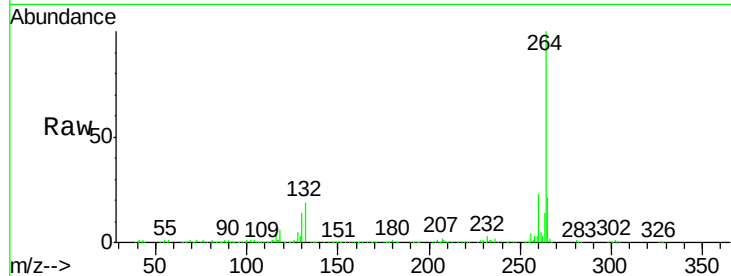
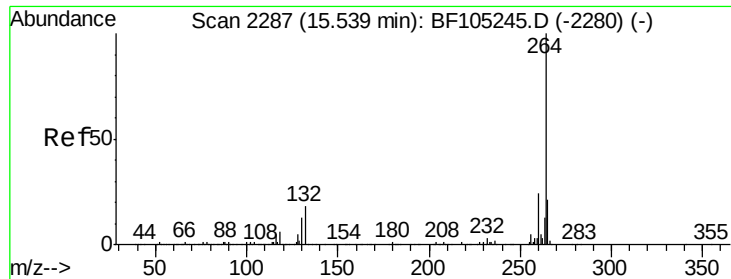


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.55 min Scan# 2289
Delta R.T. -0.02 min
Lab File: BF105351.D
Acq: 12 May 2018 21:16

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.1	17.5	26.3

