

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
 Data File : BF105344.D
 Acq On : 12 May 2018 18:13
 Operator : JU/SJ
 Sample : J2835-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 050818-JETB-E-U-S

Quant Time: May 14 09:22:30 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

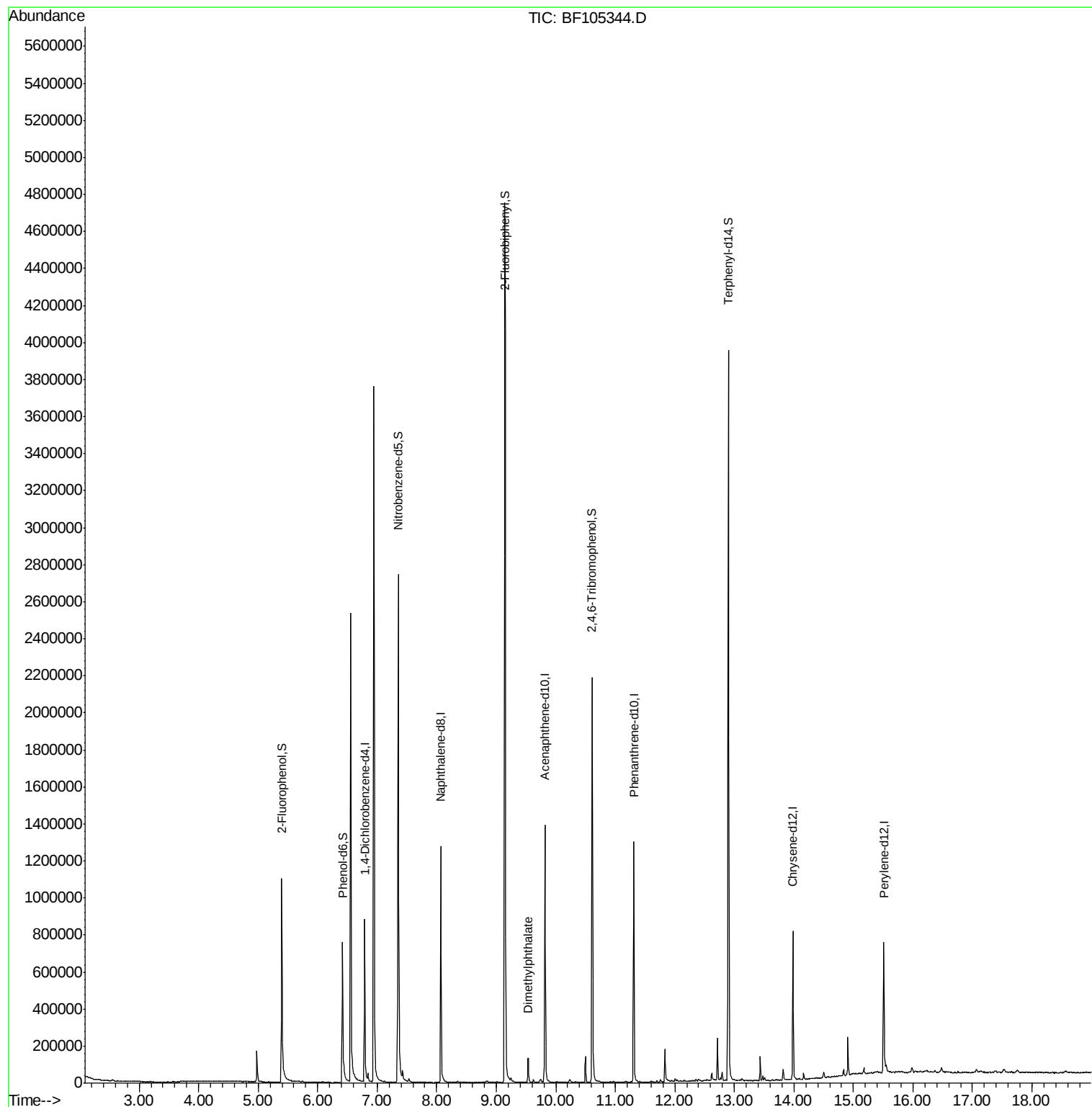
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	138320	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	574873	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	253910	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	458066	20.00	ng	0.00
75) Chrysene-d12	13.99	240	291764	20.00	ng	-0.03
86) Perylene-d12	15.51	264	327210	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	389135	42.31	ng	0.00
7) Phenol-d6	6.42	99	288473	26.40	ng	0.00
23) Nitrobenzene-d5	7.36	82	1039147	105.21	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	312766	95.34	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1691497	96.02	ng	0.00
78) Terphenyl-d14	12.90	244	1524271	112.31	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.54	163	58423	2.997	ng	99

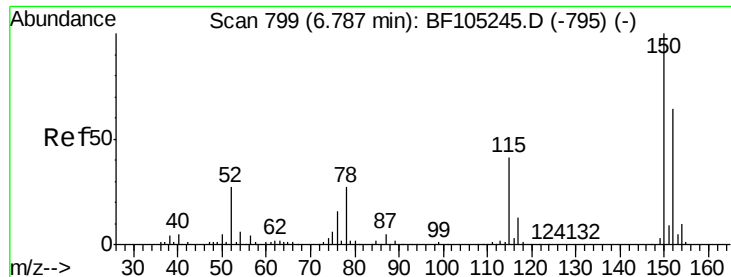
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF105344.D

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BNA_F

ClientSampleId :

050818-JETB-E-U-S

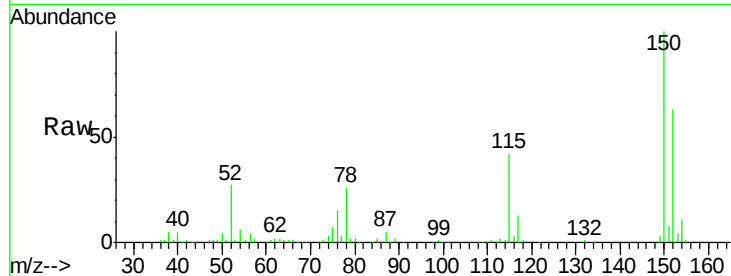
Tot Ion:152 Resp: 138320

Ion Ratio Lower Upper

152 100

150 159.5 124.6 186.8

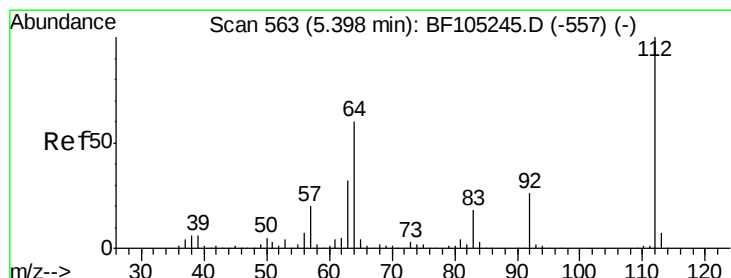
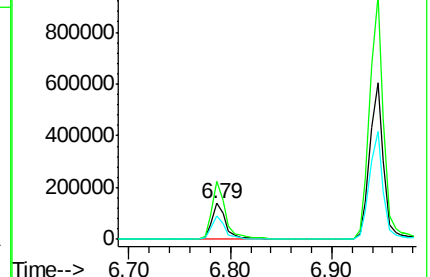
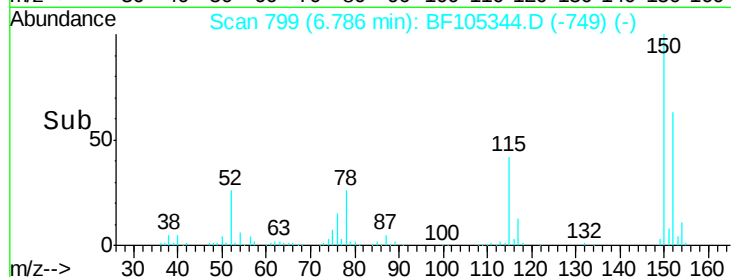
115 66.8 50.1 75.1



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: 42.313 ng

RT: 5.40 min Scan# 563

Delta R.T. -0.00 min

Lab File: BF105344.D

Acq: 12 May 2018 18:13

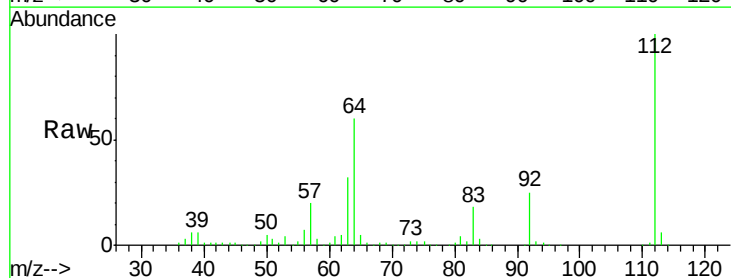
Tgt Ion:112 Resp: 389135

Ion Ratio Lower Upper

112 100

64 59.7 47.9 71.9

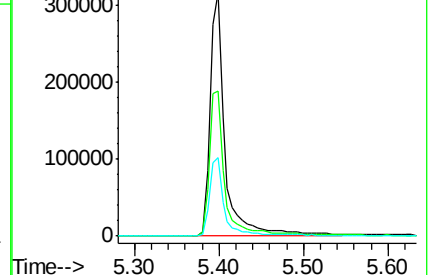
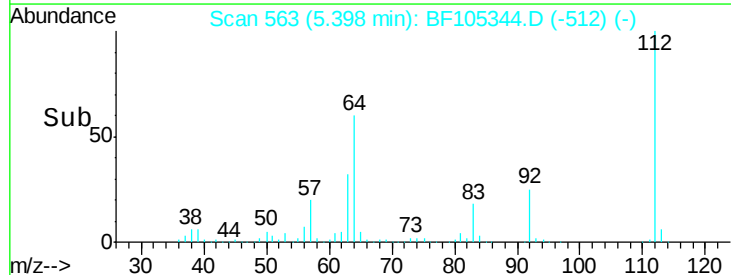
63 32.0 23.7 35.5

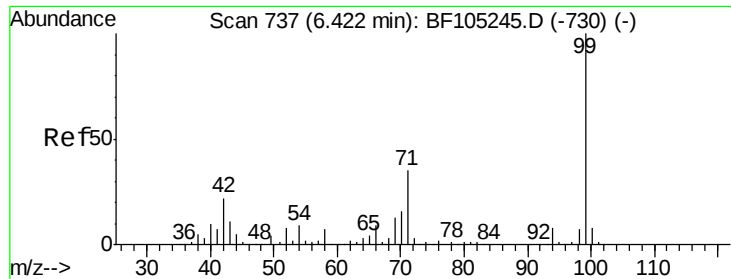


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 26.397 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF105344.D

Acq: 12 May 2018 18:13

Instrument :

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ClientSampleId :

050818-JETB-E-U-S

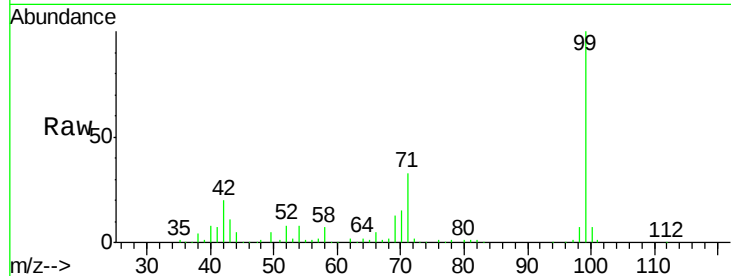
Tot Ion: 99 Resp: 288473

Ion Ratio Lower Upper

99 100

42 20.1 14.5 21.7

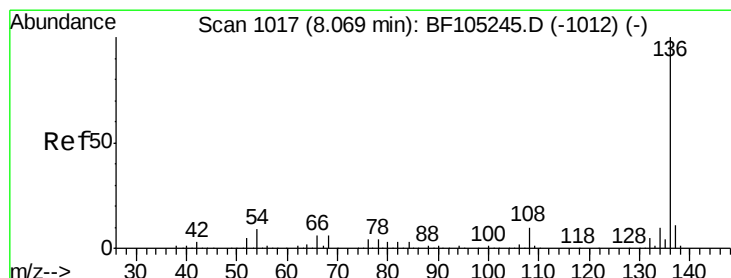
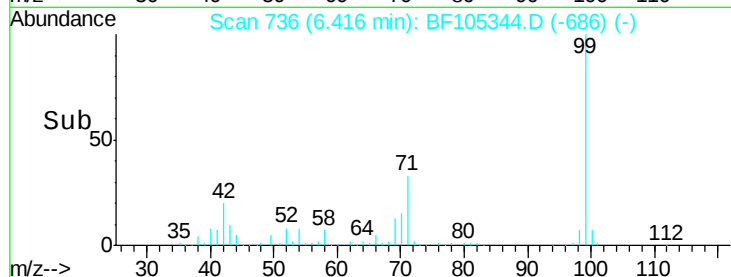
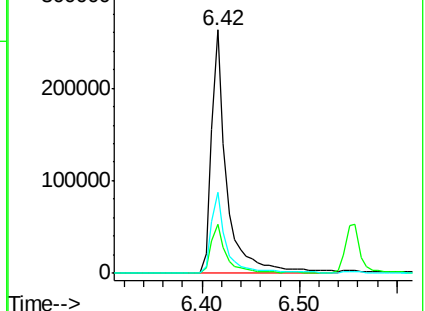
71 33.3 25.4 38.0



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: BF105344.D

Acq: 12 May 2018 18:13

Tgt Ion: 136 Resp: 574873

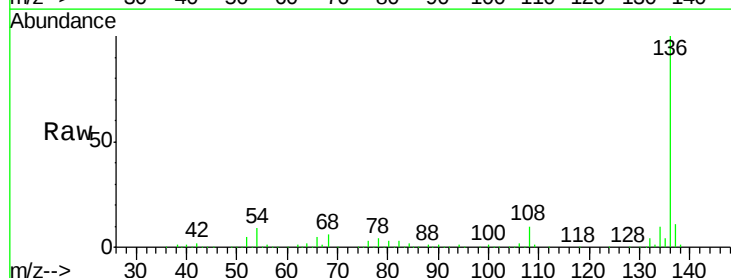
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.5 6.6 9.8

68 6.3 5.0 7.4

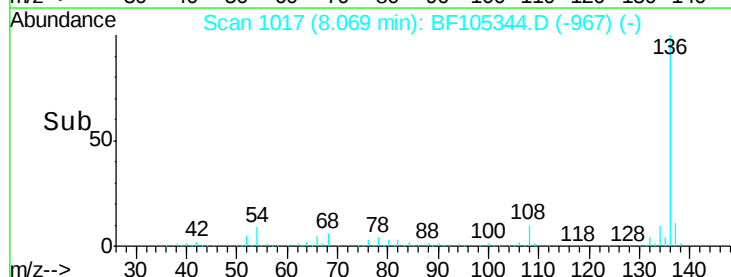
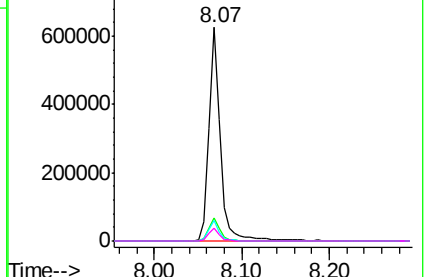


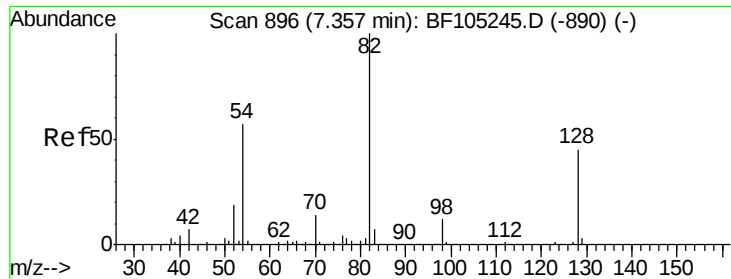
Abundance Ion 136.00 (135.70 to 136.70): E

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

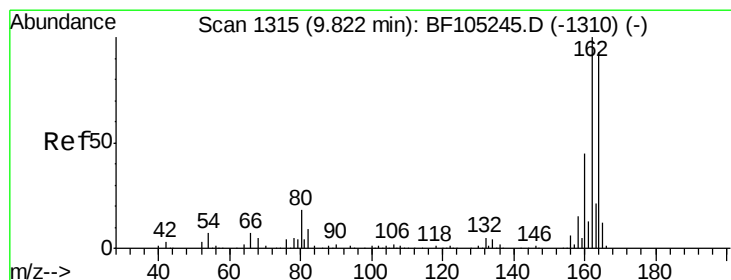
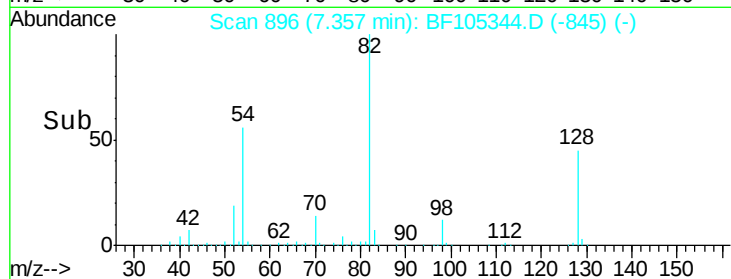
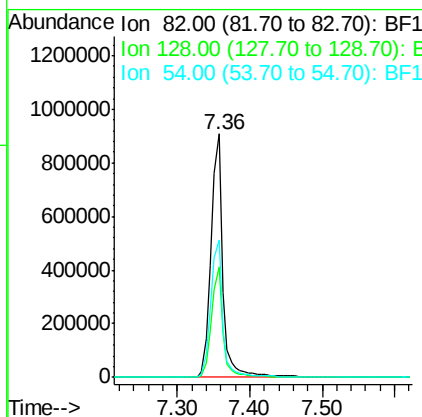
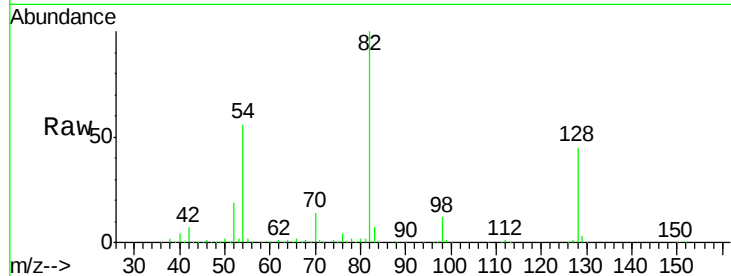




#23
Nitrobenzene-d5
Concen: 105.206 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.00 min
Lab File: BF105344.D
Acq: 12 May 2018 18:13

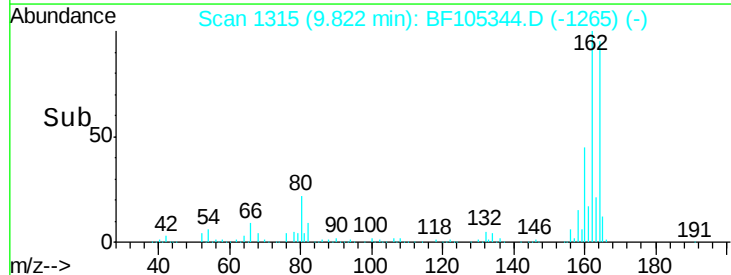
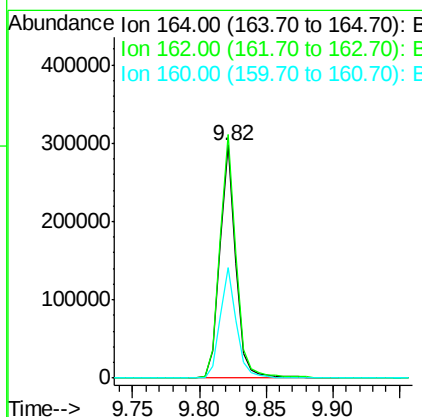
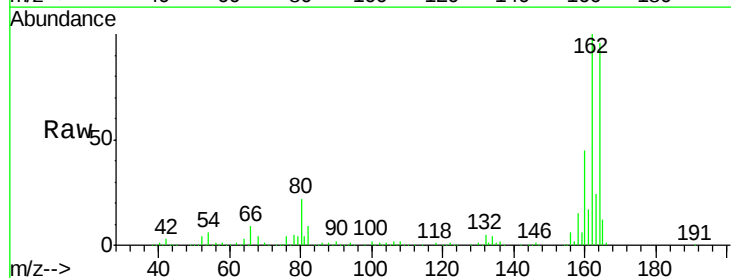
Instrument :
BNA_F
ClientSampleId :
050818-JETB-E-U-S

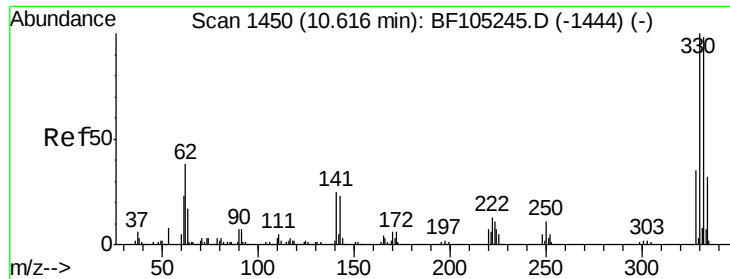
Tot Ion: 82 Resp: 1039147
Ion Ratio Lower Upper
82 100
128 45.2 36.1 54.1
54 56.3 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF105344.D
Acq: 12 May 2018 18:13

Tgt Ion: 164 Resp: 253910
Ion Ratio Lower Upper
164 100
162 104.5 86.1 129.1
160 47.4 38.3 57.5

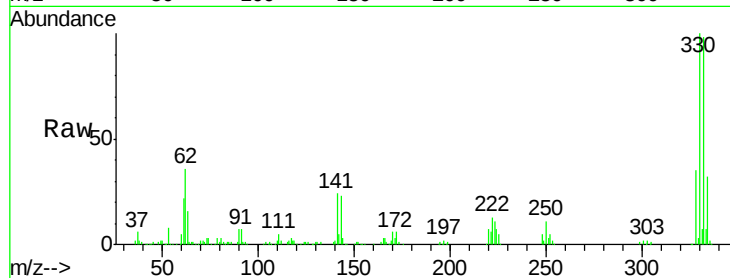




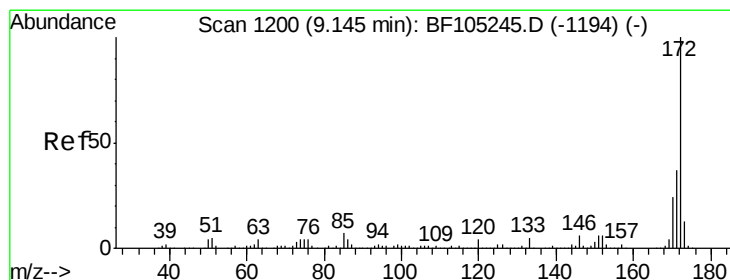
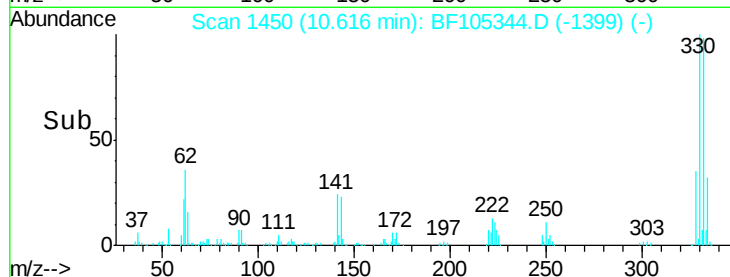
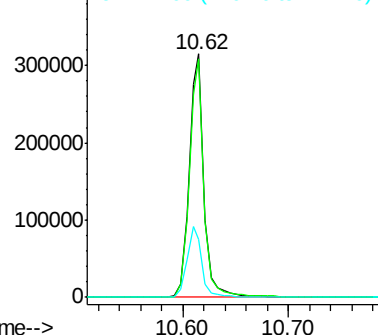
#41
 2,4,6-Tribromophenol
 Concen: 95.343 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.00 min
 Lab File: BF105344.D
 Acq: 12 May 2018 18:13

Instrument :
 BNA_F
 ClientSampleId :
 050818-JETB-E-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	29.5	29.9	44.9

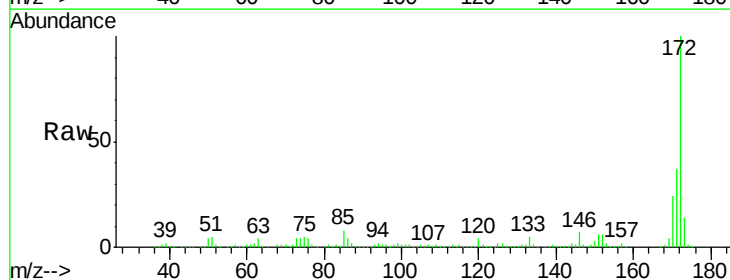


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

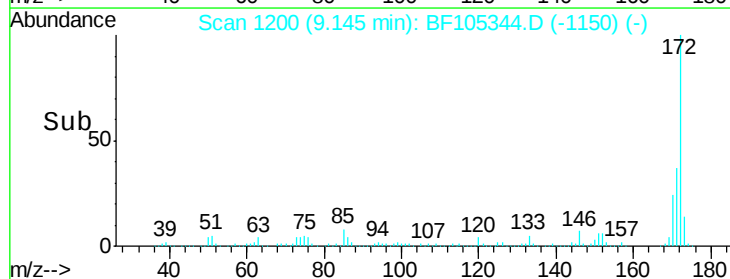
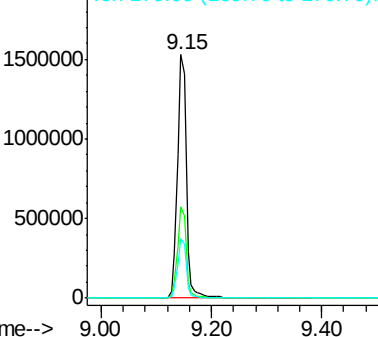


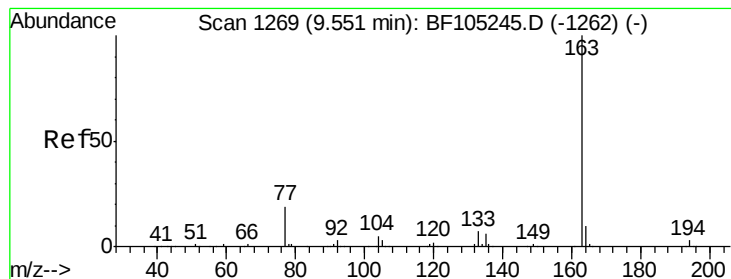
#44
 2-Fluorobiphenyl
 Concen: 96.016 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF105344.D
 Acq: 12 May 2018 18:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	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: 2.997 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF105344.D

Acq: 12 May 2018 18:13

Instrument :

BNA_F

ClientSampleId :

050818-JETB-E-U-S

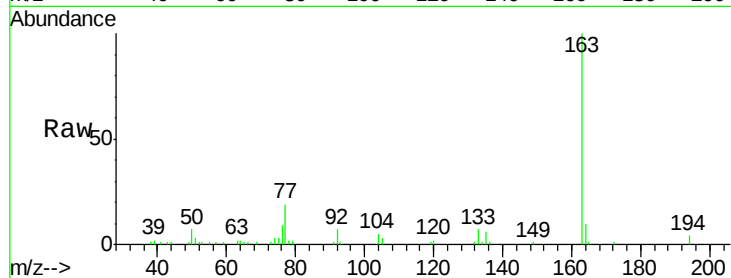
Tot Ion:163 Resp: 58423

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

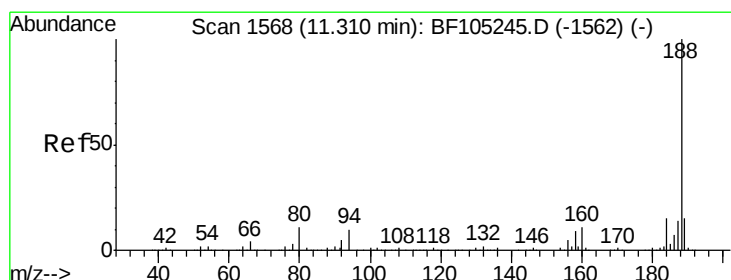
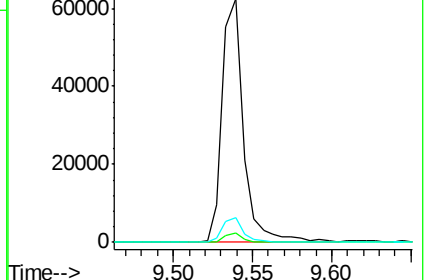
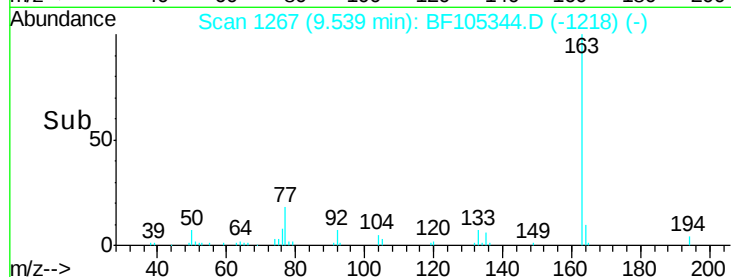
164 10.3 8.2 12.2



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: BF105344.D

Acq: 12 May 2018 18:13

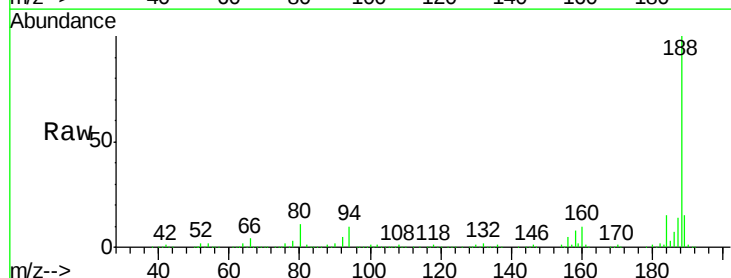
Tgt Ion:188 Resp: 458066

Ion Ratio Lower Upper

188 100

94 10.2 8.5 12.7

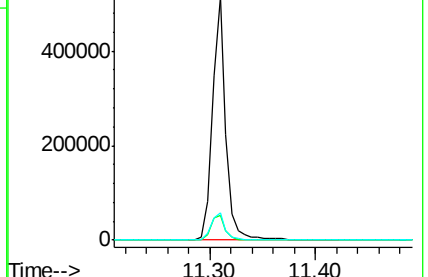
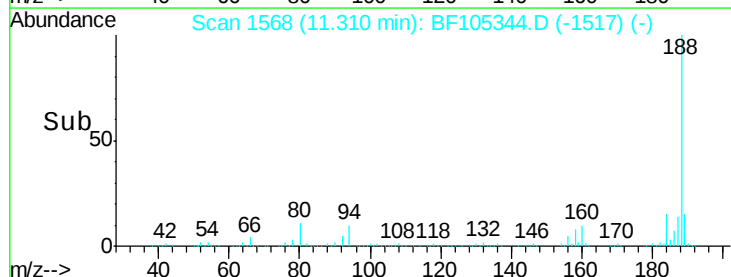
80 11.0 9.2 13.8

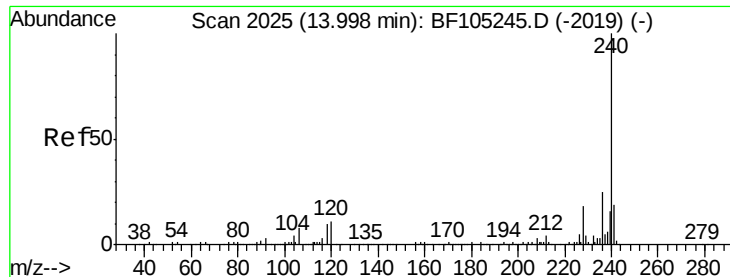


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.99 min Scan# 2023

Delta R.T. -0.03 min

Lab File: BF105344.D

Acq: 12 May 2018 18:13

Instrument :

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ClientSampleId :

050818-JETB-E-U-S

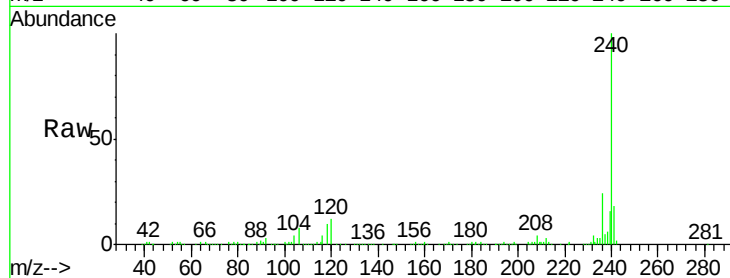
Tot Ion:240 Resp: 291764

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

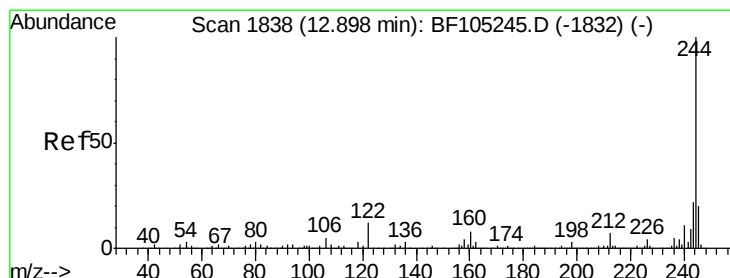
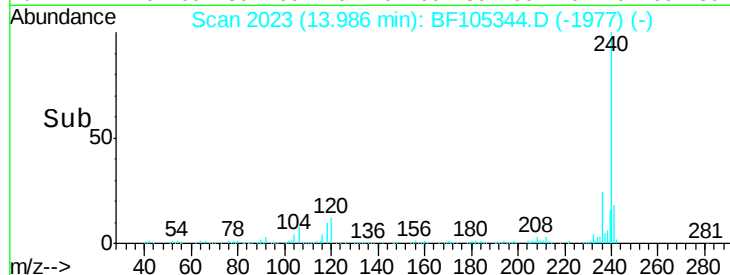
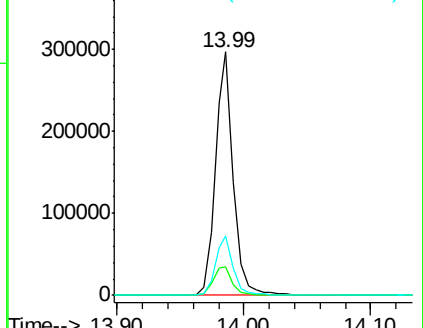
236 24.2 20.7 31.1



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: 112.306 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BF105344.D

Acq: 12 May 2018 18:13

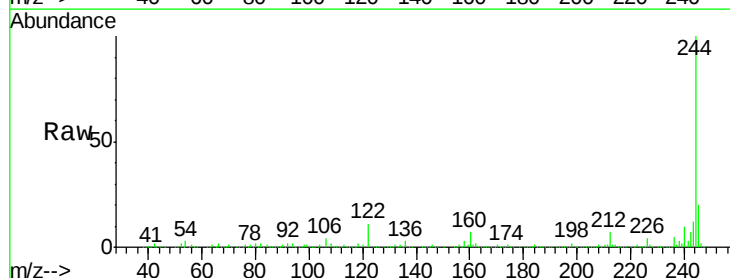
Tgt Ion:244 Resp: 1524271

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

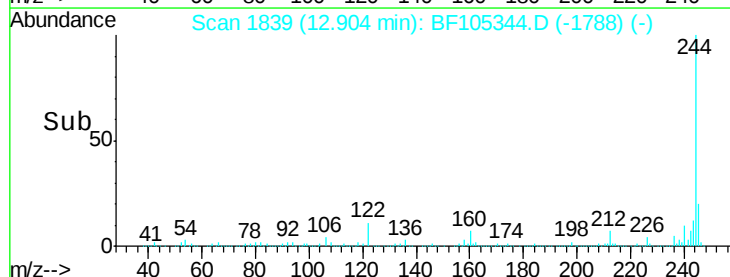
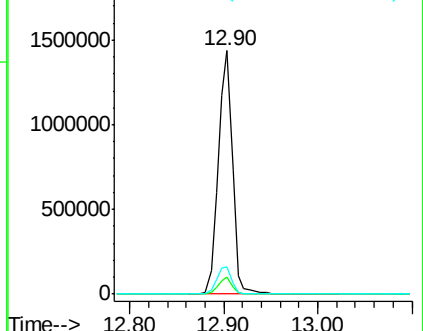
122 11.5 11.0 16.4

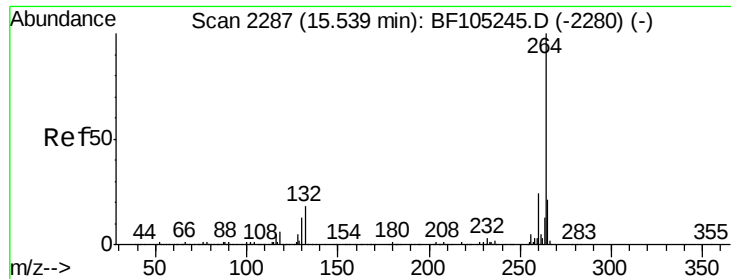


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.51 min Scan# 2282
 Delta R.T. -0.06 min
 Lab File: BF105344.D
 Acq: 12 May 2018 18:13

Instrument :
 BNA_F
 ClientSampleId :
 050818-JETB-E-U-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.0	17.5	26.3

