

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
 Data File : BF098817.D
 Acq On : 26 Sep 2017 8:03
 Operator : SJ/JU
 Sample : I5384-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092017-TIDO-F-U-M

Quant Time: Sep 26 09:05:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	132377	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	560215	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	250247	20.00	ng	-0.01
63) Phenanthrene-d10	11.43	188	411887	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	241288	20.00	ng	-0.01
86) Perylene-d12	15.56	264	226478	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	417514	50.21	ng	-0.01
7) Phenol-d6	6.53	99	313186	30.53	ng	-0.02
23) Nitrobenzene-d5	7.47	82	968523	110.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	203037	99.15	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1659582	110.71	ng	0.00
78) Terphenyl-d14	13.02	244	1160417	109.37	ng	-0.01

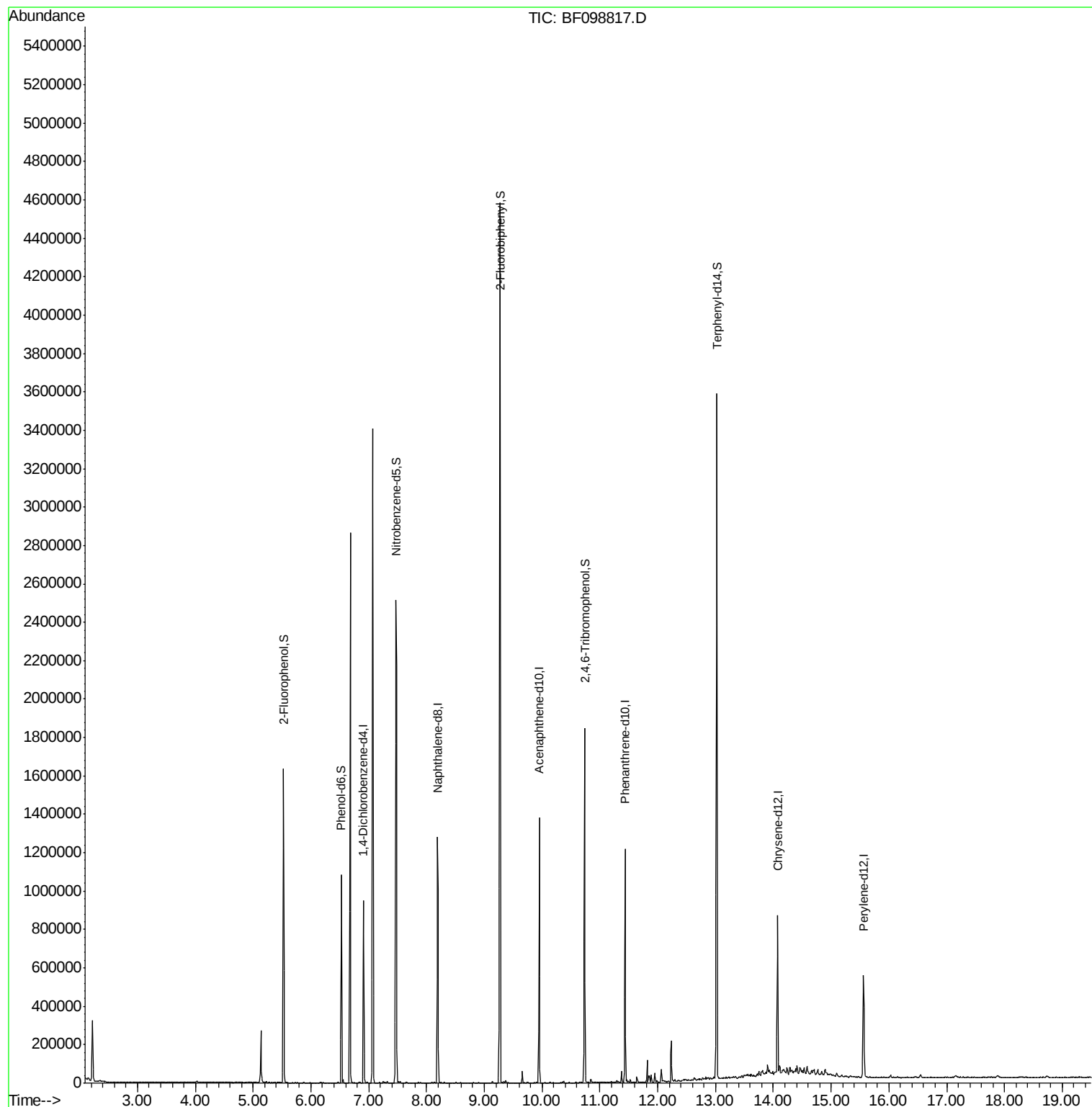
Target Compounds Qvalue

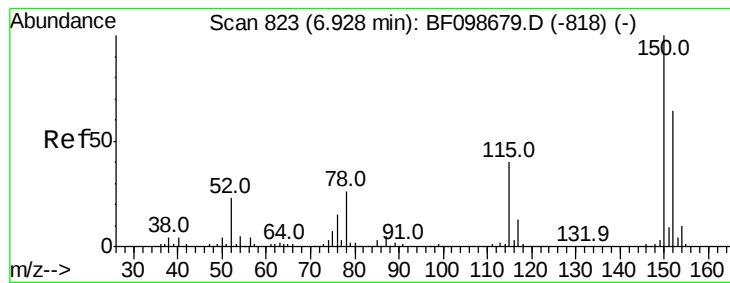
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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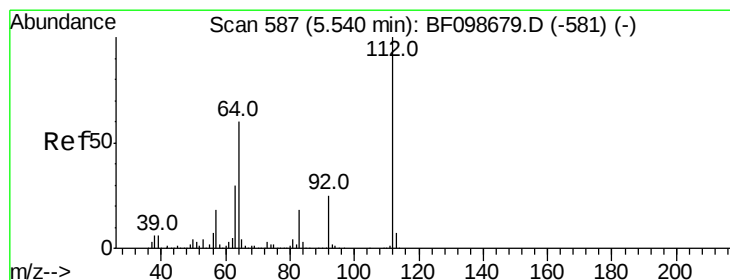
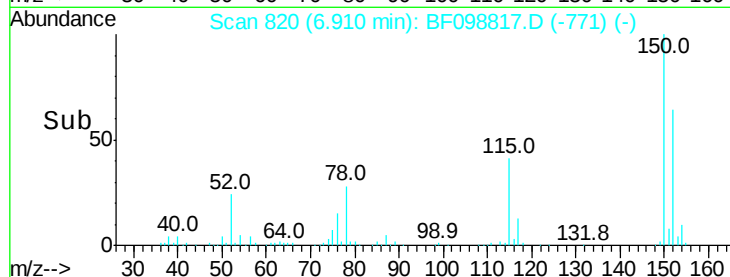
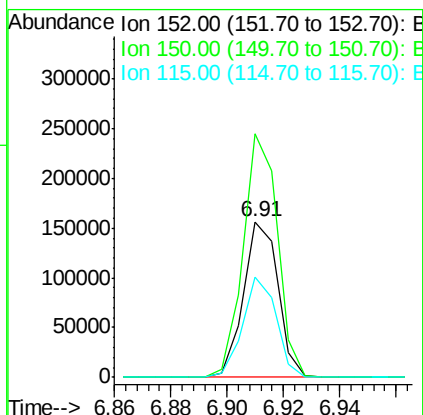
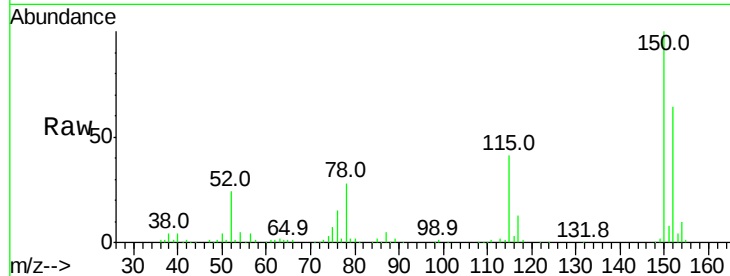


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF098817.D
 Acq: 26 Sep 2017 8:03

Instrument :
 BNA_F
 ClientSampleId :
 092017-TIDO-F-U-M

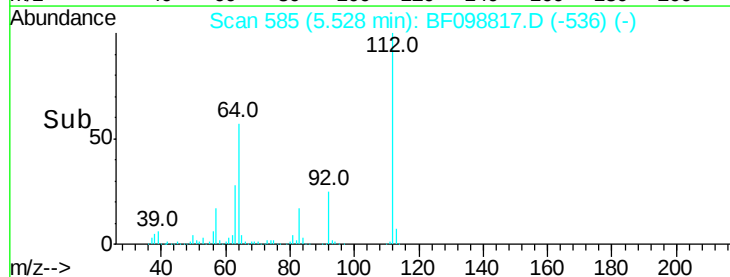
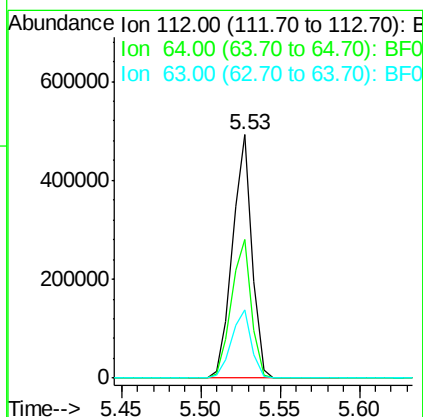
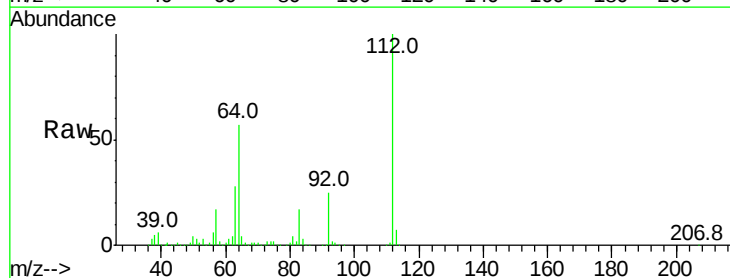
Tot Ion:152 Resp: 132377
 Ion Ratio Lower Upper
 152 100
 150 156.7 124.6 186.8
 115 64.4 50.1 75.1

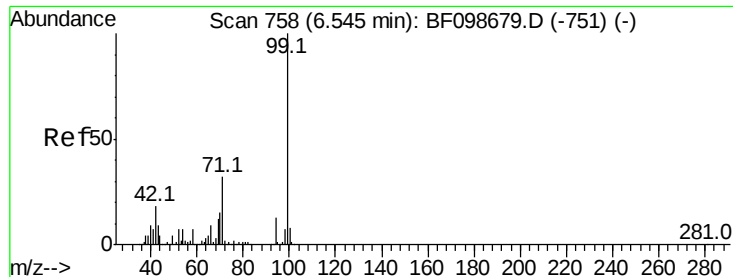


#5

2-Fluorophenol
 Concen: 50.208 ng
 RT: 5.53 min Scan# 585
 Delta R.T. -0.01 min
 Lab File: BF098817.D
 Acq: 26 Sep 2017 8:03

Tgt Ion:112 Resp: 417514
 Ion Ratio Lower Upper
 112 100
 64 57.1 47.9 71.9
 63 28.2 23.7 35.5





#7

Phenol-d6

Concen: 30.530 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF098817.D

Acq: 26 Sep 2017 8:03

Instrument :

BNA_F

ClientSampleId :

092017-TIDO-F-U-M

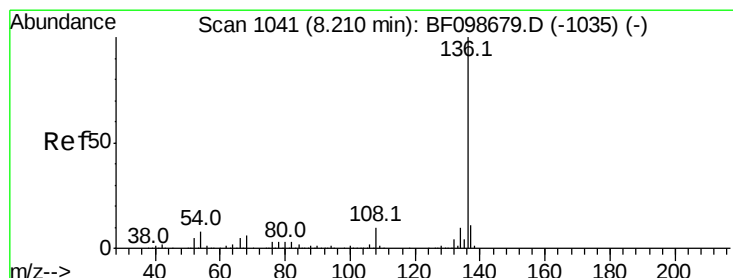
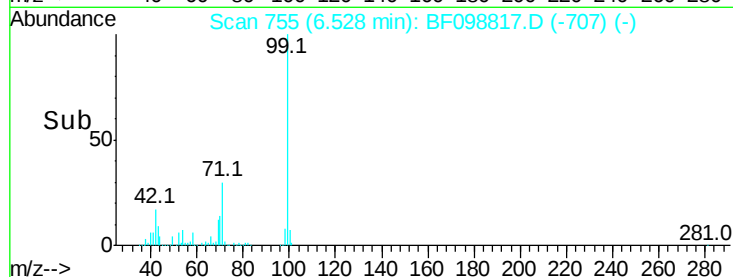
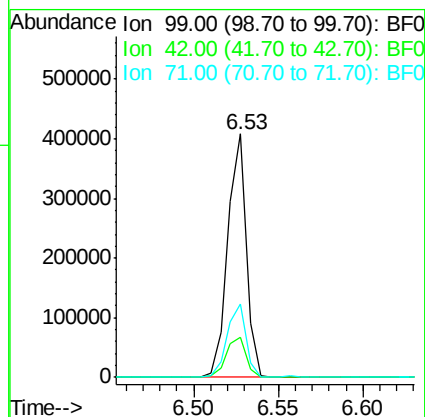
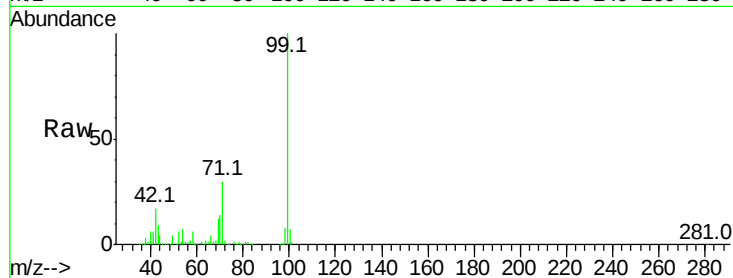
Tot Ion: 99 Resp: 313186

Ion Ratio Lower Upper

99 100

42 16.6 14.5 21.7

71 30.4 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF098817.D

Acq: 26 Sep 2017 8:03

Tgt Ion: 136 Resp: 560215

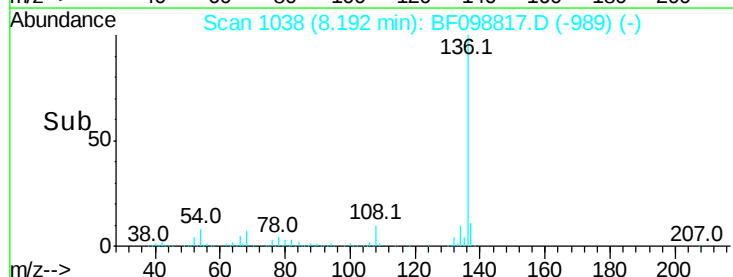
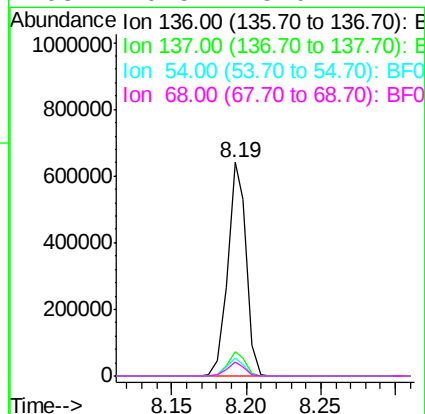
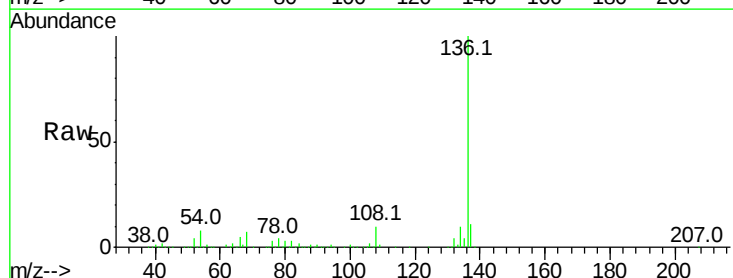
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 8.3 6.6 9.8

68 6.5 5.0 7.4

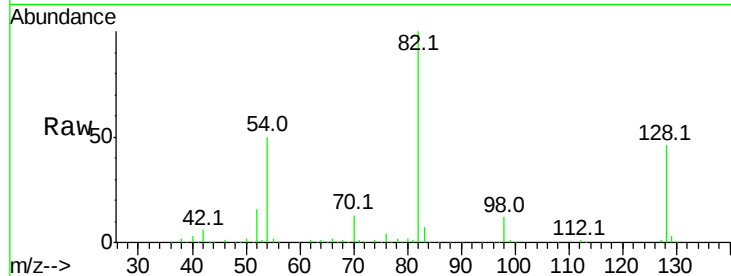




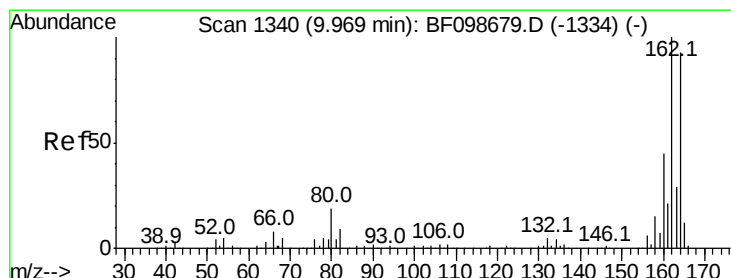
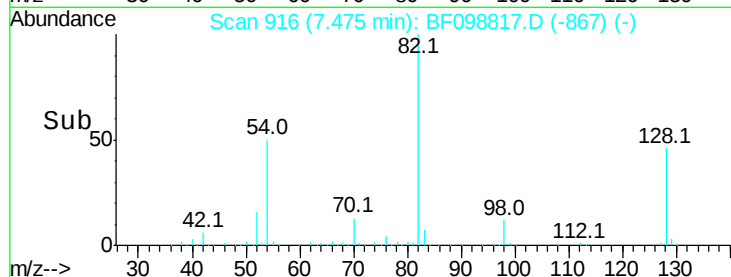
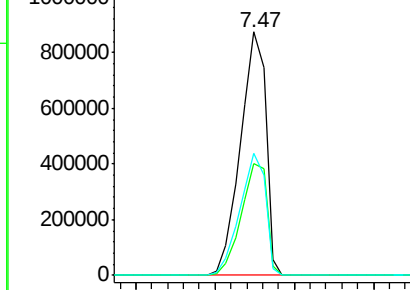
#23
Nitrobenzene-d5
Concen: 110.871 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF098817.D
Acq: 26 Sep 2017 8:03

Instrument :
BNA_F
ClientSampleId :
092017-TIDO-F-U-M

Tot Ion: 82 Resp: 968523
Ion Ratio Lower Upper
82 100
128 46.2 36.1 54.1
54 49.9 41.4 62.2

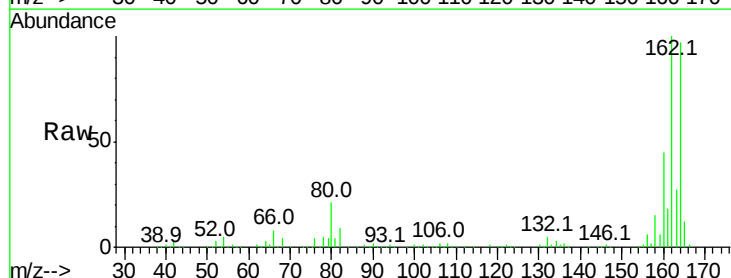


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

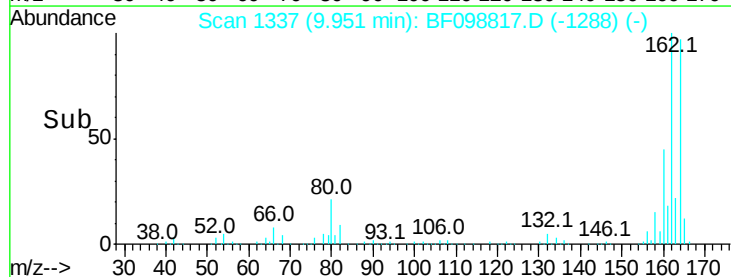
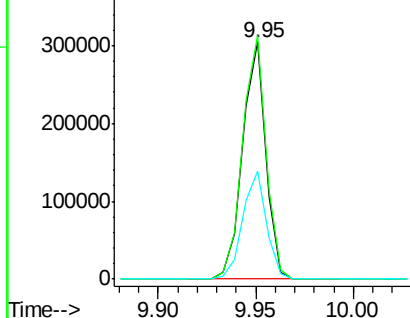


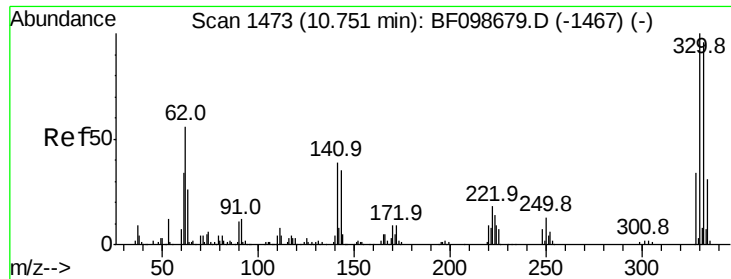
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098817.D
Acq: 26 Sep 2017 8:03

Tgt Ion:164 Resp: 250247
Ion Ratio Lower Upper
164 100
162 102.9 86.1 129.1
160 45.8 38.3 57.5



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

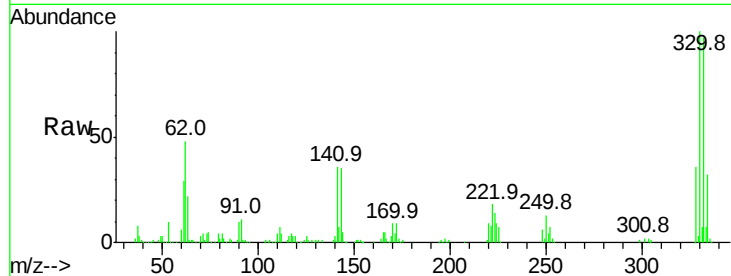




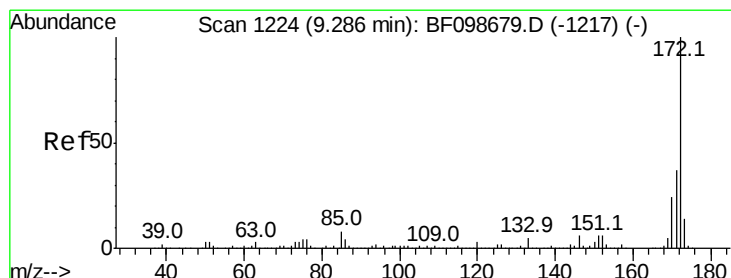
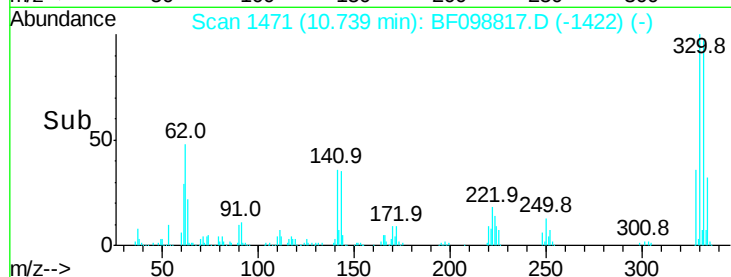
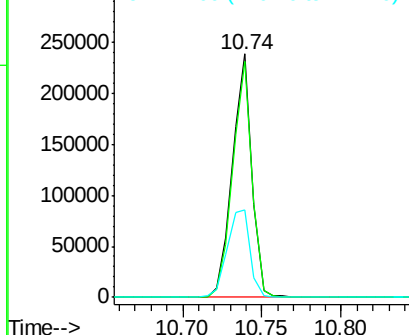
#41
 2,4,6-Tribromophenol
 Concen: 99.154 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF098817.D
 Acq: 26 Sep 2017 8:03

Instrument :
 BNA_F
 ClientSampleId :
 092017-TIDO-F-U-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	42.2	29.9	44.9

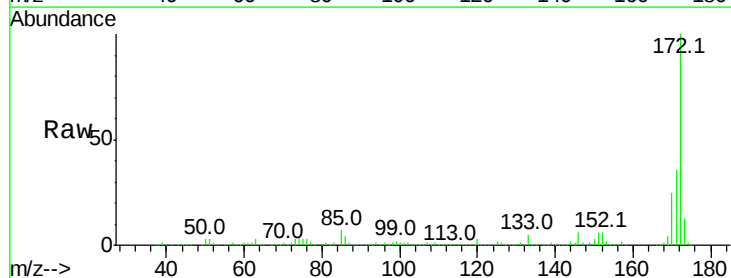


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

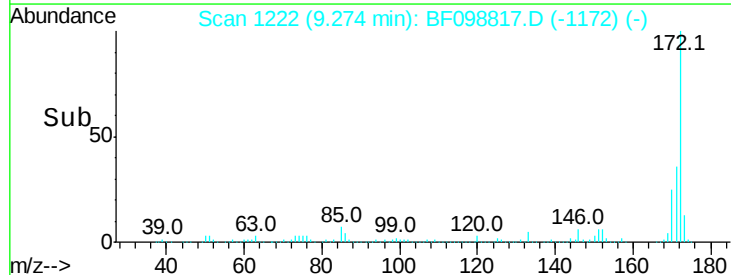
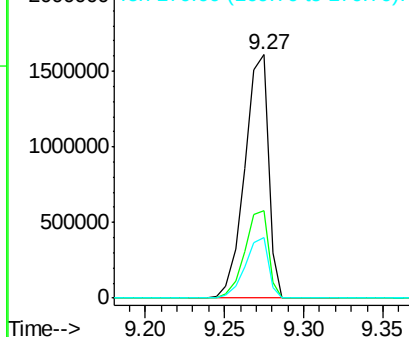


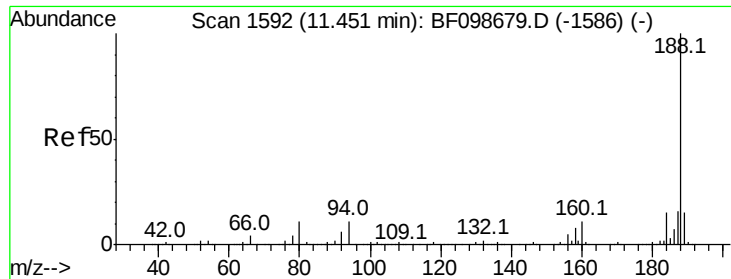
#44
 2-Fluorobiphenyl
 Concen: 110.712 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098817.D
 Acq: 26 Sep 2017 8:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.6	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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF098817.D

Acq: 26 Sep 2017 8:03

Instrument :

BNA_F

ClientSampleId :

092017-TIDO-F-U-M

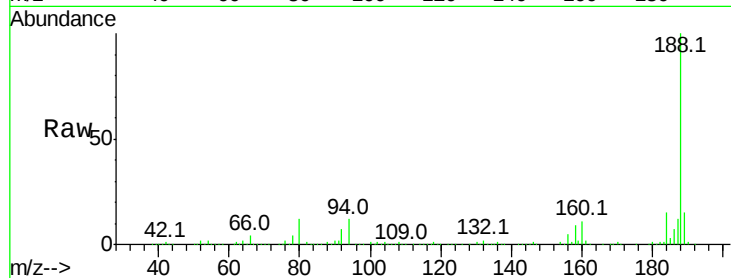
Tot Ion:188 Resp: 411887

Ion Ratio Lower Upper

188 100

94 11.7 8.5 12.7

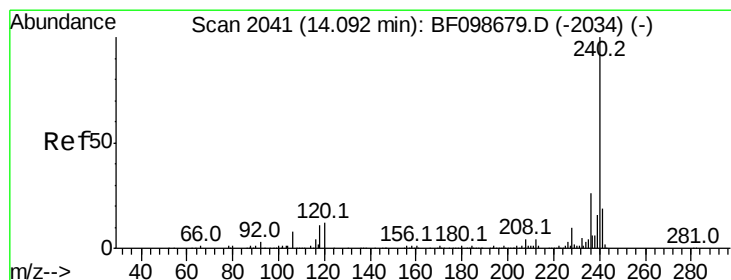
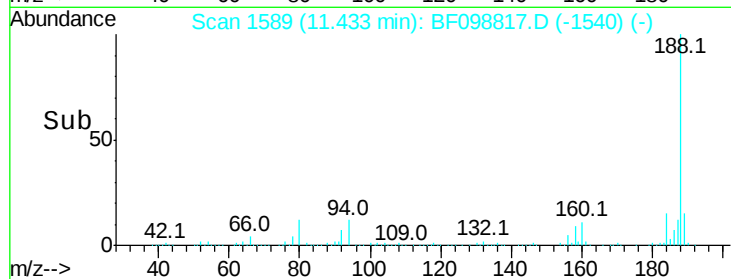
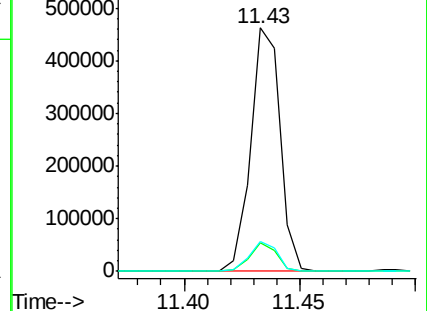
80 12.4 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF098817.D

Acq: 26 Sep 2017 8:03

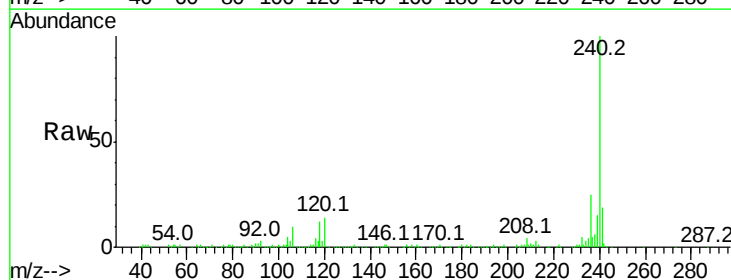
Tgt Ion:240 Resp: 241288

Ion Ratio Lower Upper

240 100

120 13.8 9.5 14.3

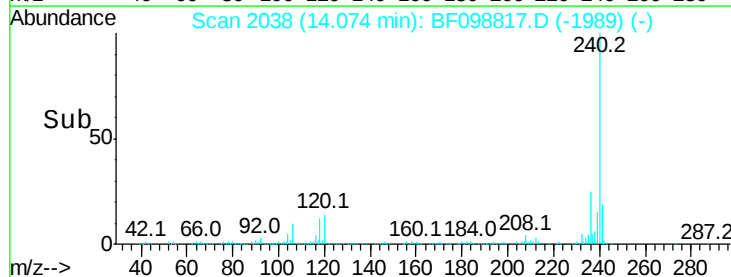
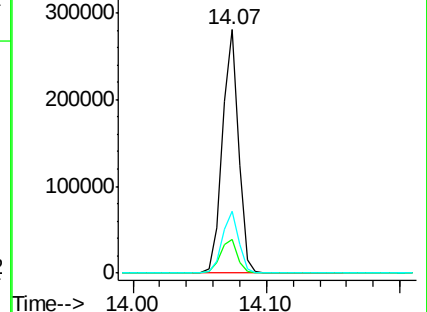
236 25.3 20.7 31.1

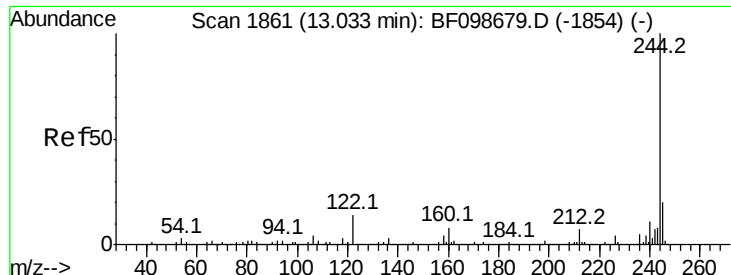


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 109.372 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098817.D

Acq: 26 Sep 2017 8:03

Instrument :

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092017-TIDO-F-U-M

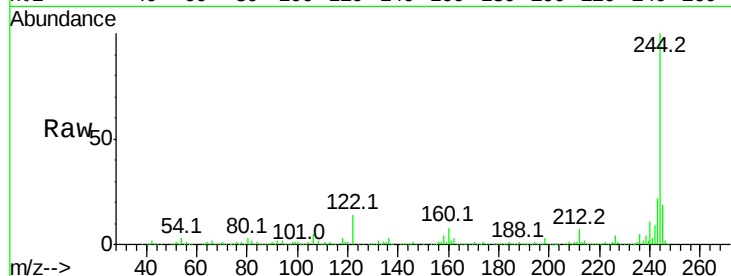
Tot Ion:244 Resp: 1160417

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

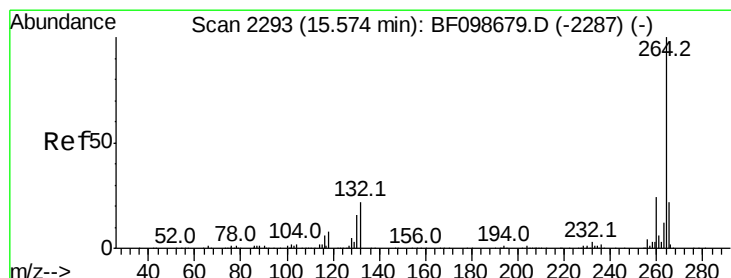
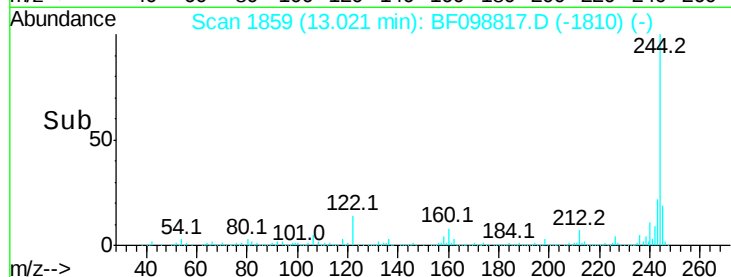
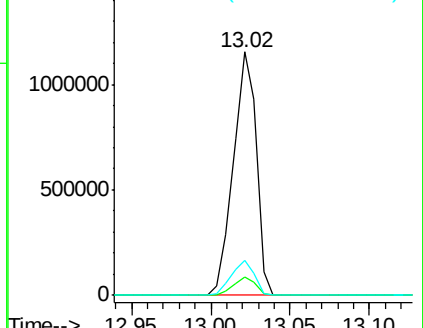
122 14.3 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BF098817.D

Acq: 26 Sep 2017 8:03

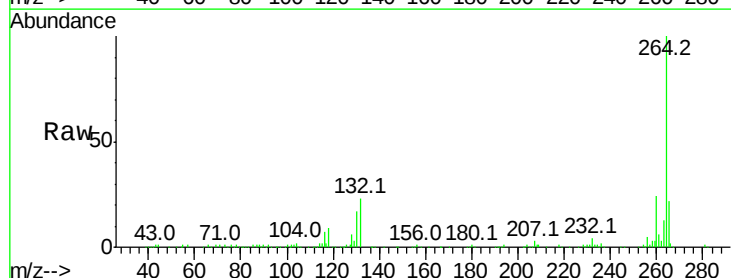
Tgt Ion:264 Resp: 226478

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 22.4 17.5 26.3



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

