

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100876.D
 Acq On : 23 Nov 2017 15:31
 Operator : SJ/JU
 Sample : I6567-08
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 112017-JETT-F-U-S

Quant Time: Nov 27 06:48:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	74757	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	291384	20.00	ng	-0.03
38) Acenaphthene-d10	9.89	164	134515	20.00	ng	-0.03
63) Phenanthrene-d10	11.38	188	233065	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	141450	20.00	ng	-0.03
86) Perylene-d12	15.49	264	156326	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	169347	36.31	ng	-0.02
7) Phenol-d6	6.47	99	125492	21.82	ng	-0.04
23) Nitrobenzene-d5	7.42	82	468886	106.39	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	127200	92.80	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	922193	104.39	ng	-0.02
78) Terphenyl-d14	12.97	244	634620	103.09	ng	-0.02

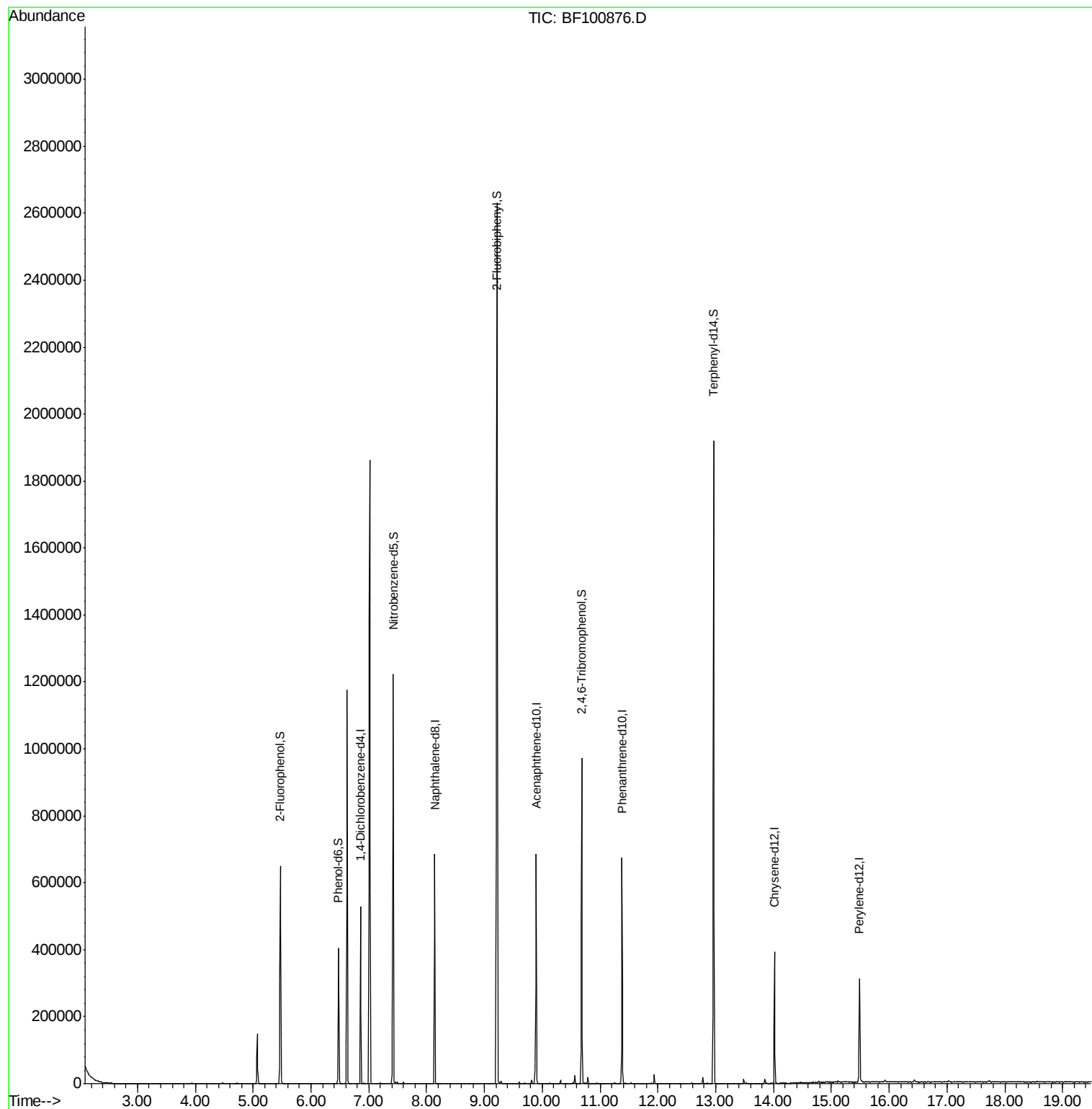
Target Compounds Qvalue

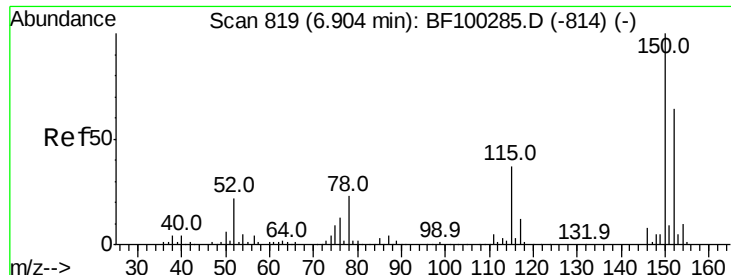
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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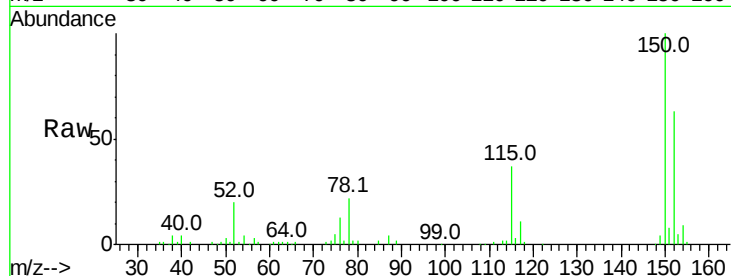


#1

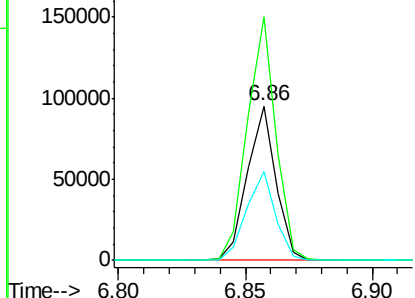
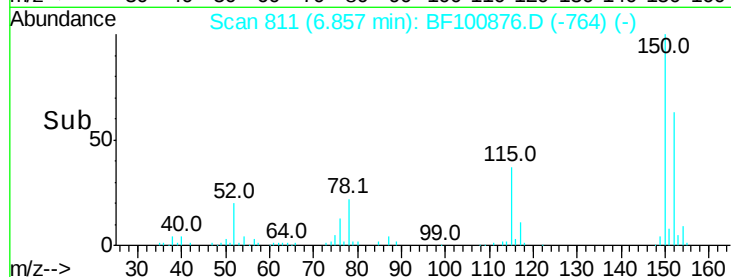
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BF100876.D
 Acq: 23 Nov 2017 15:31

Instrument :
 BNA_F
 ClientSampleId :
 112017-JETT-F-U-S

Tot Ion:152 Resp: 74757
 Ion Ratio Lower Upper
 152 100
 150 157.6 124.6 186.8
 115 57.8 50.1 75.1



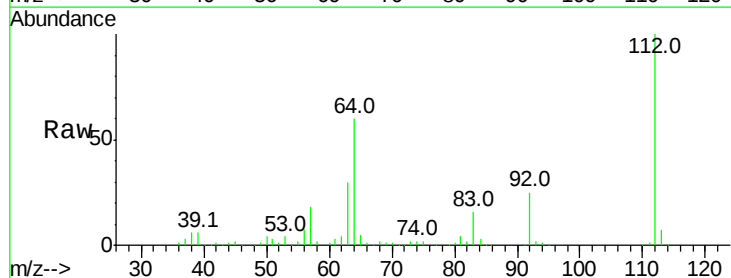
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



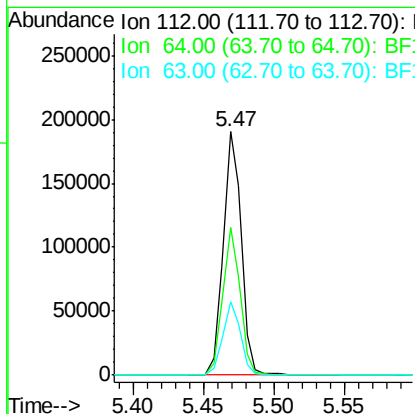
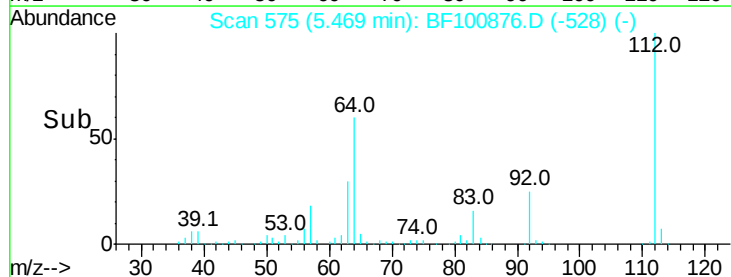
#5

2-Fluorophenol
 Concen: 36.312 ng
 RT: 5.47 min Scan# 575
 Delta R.T. -0.02 min
 Lab File: BF100876.D
 Acq: 23 Nov 2017 15:31

Tgt Ion:112 Resp: 169347
 Ion Ratio Lower Upper
 112 100
 64 60.4 47.9 71.9
 63 30.2 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: 21.822 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.04 min

Lab File: BF100876.D

Acq: 23 Nov 2017 15:31

Instrument :

BNA_F

ClientSampleId :

112017-JETT-F-U-S

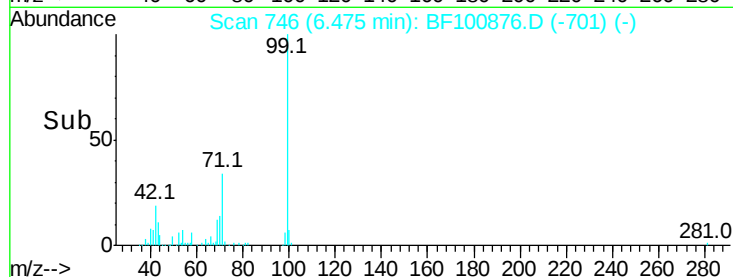
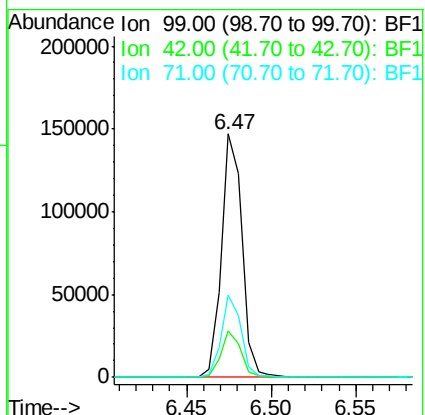
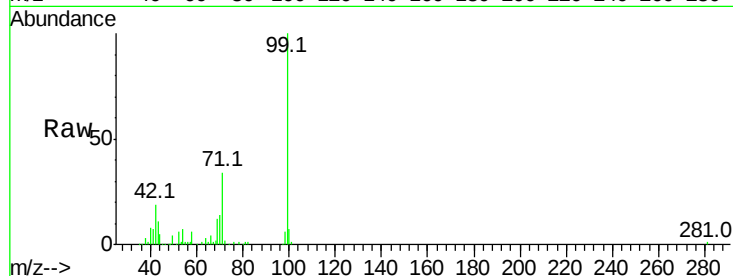
Tot Ion: 99 Resp: 125492

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

71 33.7 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.03 min

Lab File: BF100876.D

Acq: 23 Nov 2017 15:31

Tgt Ion: 136 Resp: 291384

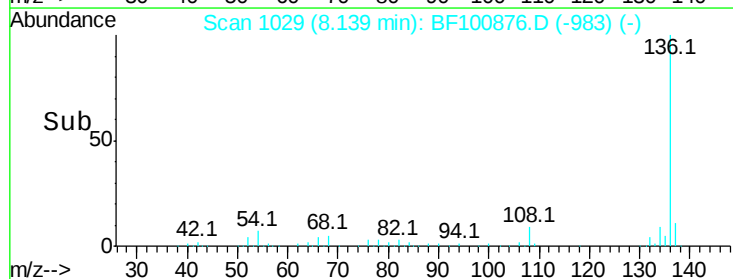
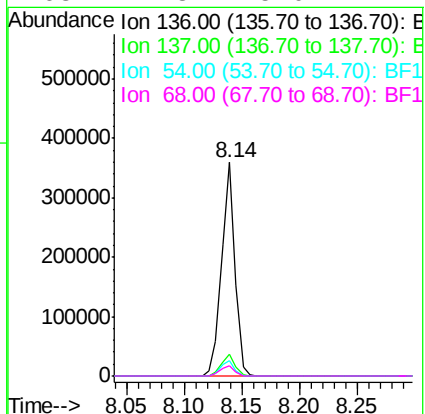
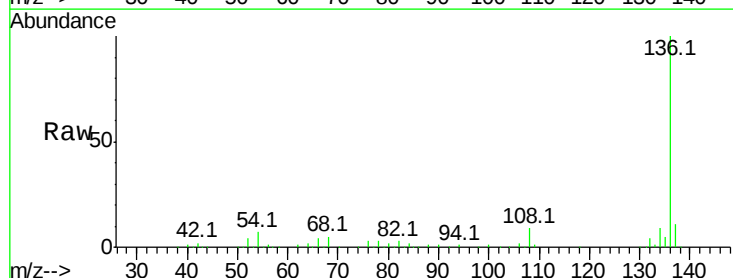
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 7.3 6.6 9.8

68 4.8 5.0 7.4#

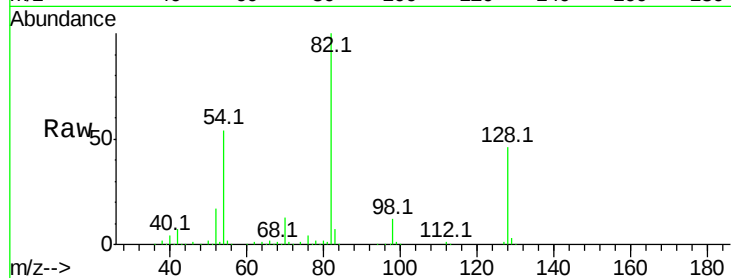




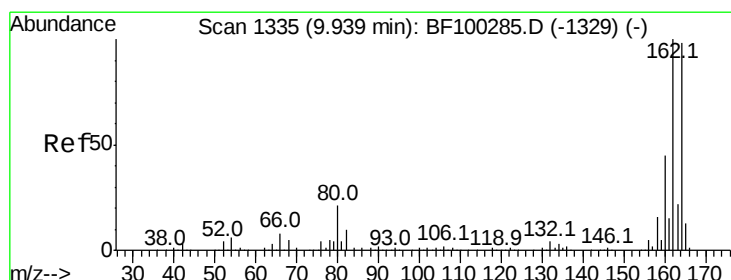
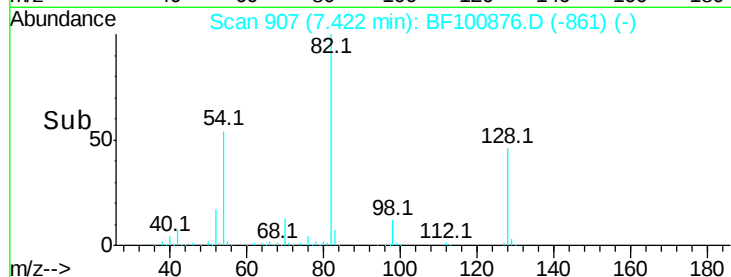
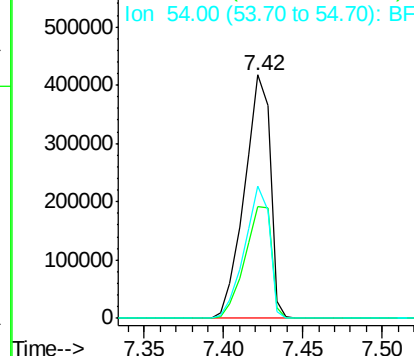
#23
Nitrobenzene-d5
Concen: 106.388 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.03 min
Lab File: BF100876.D
Acq: 23 Nov 2017 15:31

Instrument :
BNA_F
ClientSampleId :
112017-JETT-F-U-S

Tot Ion: 82 Resp: 468886
Ion Ratio Lower Upper
82 100
128 45.9 36.1 54.1
54 54.2 41.4 62.2

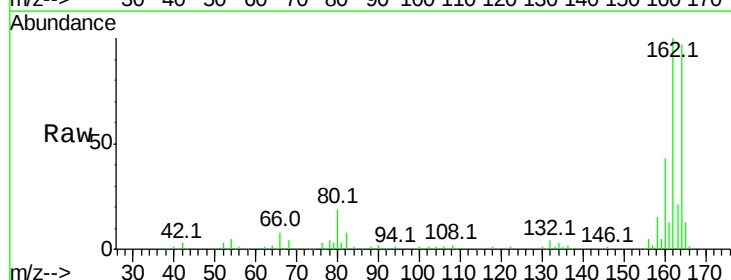


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

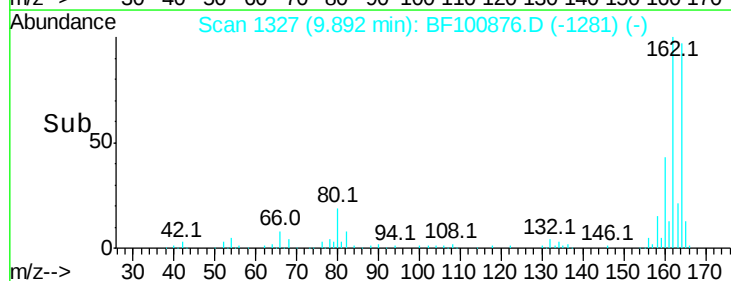
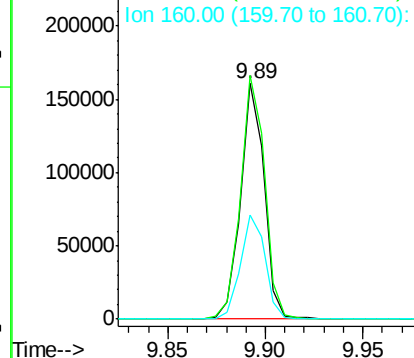


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.03 min
Lab File: BF100876.D
Acq: 23 Nov 2017 15:31

Tgt Ion: 164 Resp: 134515
Ion Ratio Lower Upper
164 100
162 103.3 86.1 129.1
160 44.0 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

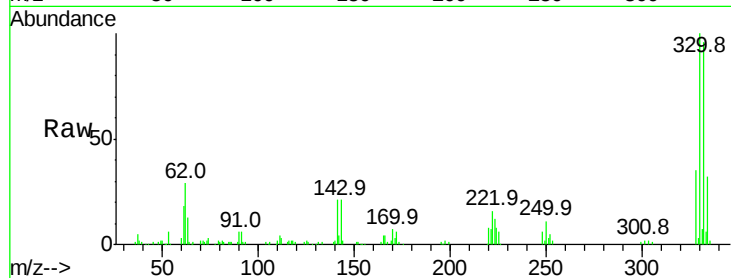




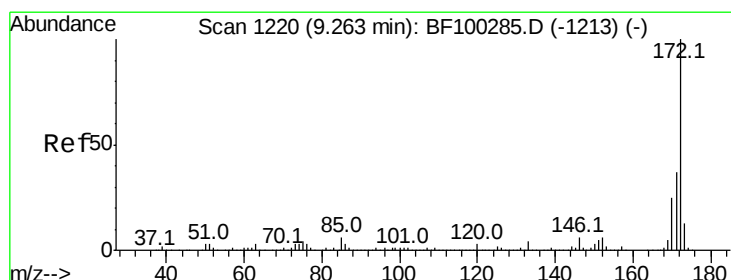
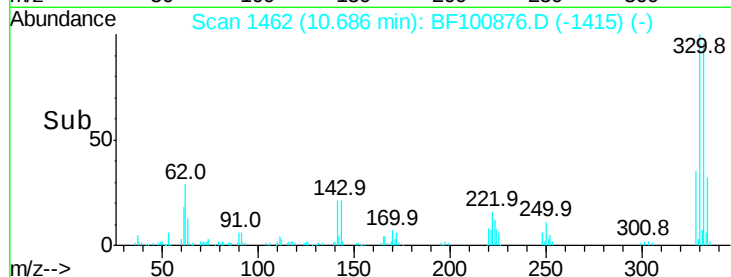
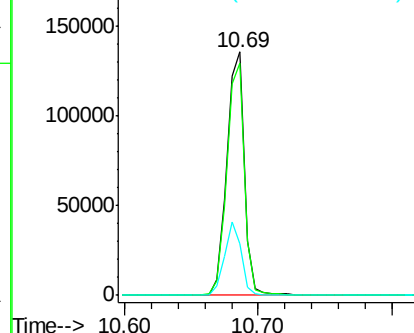
#41
 2,4,6-Tribromophenol
 Concen: 92.799 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.02 min
 Lab File: BF100876.D
 Acq: 23 Nov 2017 15:31

Instrument :
 BNA_F
 ClientSampleId :
 112017-JETT-F-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	28.5	29.9	44.9#

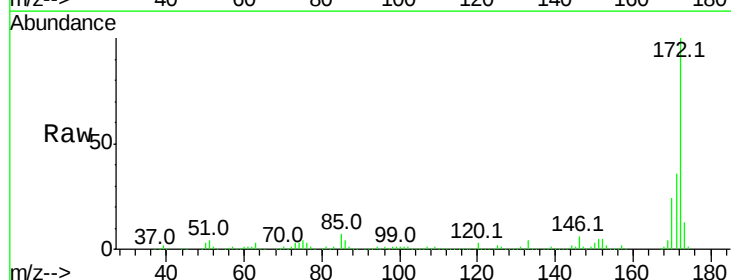


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

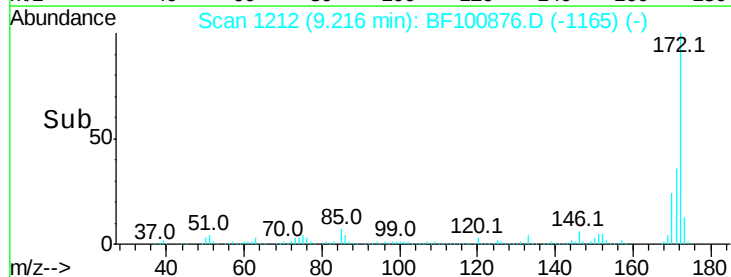
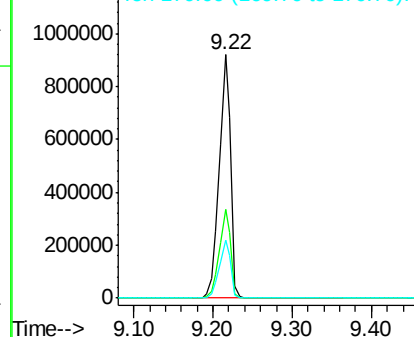


#44
 2-Fluorobiphenyl
 Concen: 104.392 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.02 min
 Lab File: BF100876.D
 Acq: 23 Nov 2017 15:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.9	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

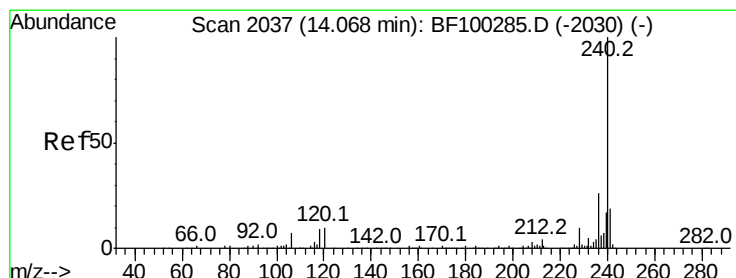
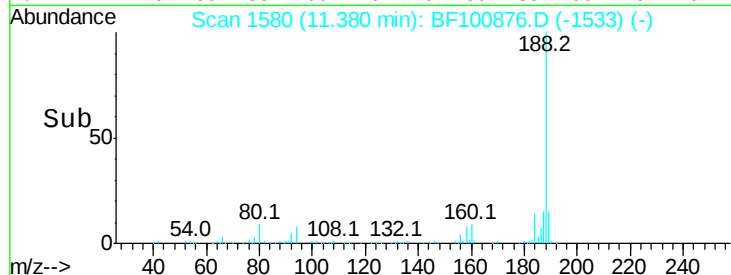
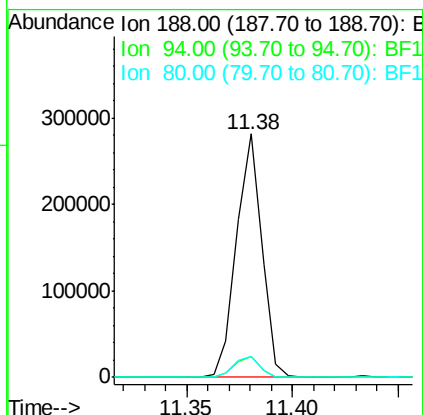
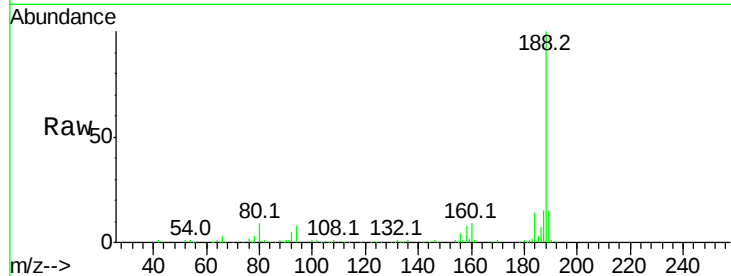




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF100876.D
Acq: 23 Nov 2017 15:31

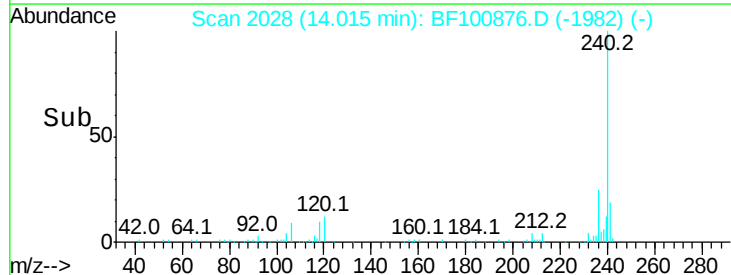
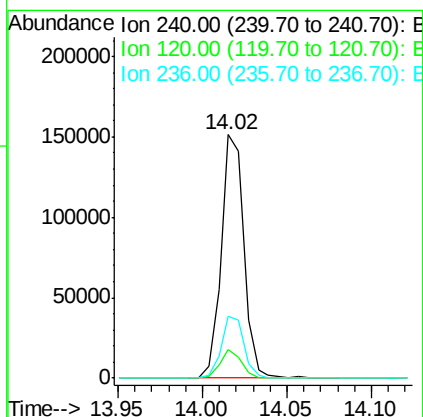
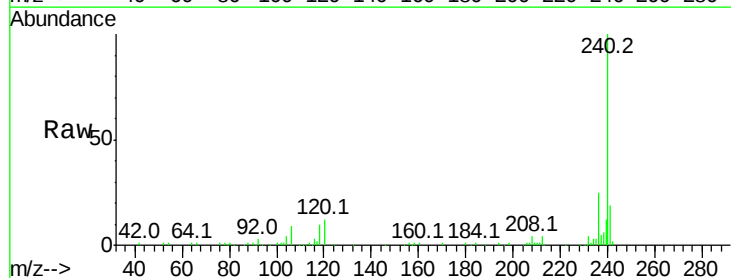
Instrument :
BNA_F
ClientSampleId :
112017-JETT-F-U-S

Tot Ion:188 Resp: 233065
Ion Ratio Lower Upper
188 100
94 8.5 8.5 12.7#
80 8.7 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.03 min
Lab File: BF100876.D
Acq: 23 Nov 2017 15:31

Tgt Ion:240 Resp: 141450
Ion Ratio Lower Upper
240 100
120 11.9 9.5 14.3
236 25.2 20.7 31.1

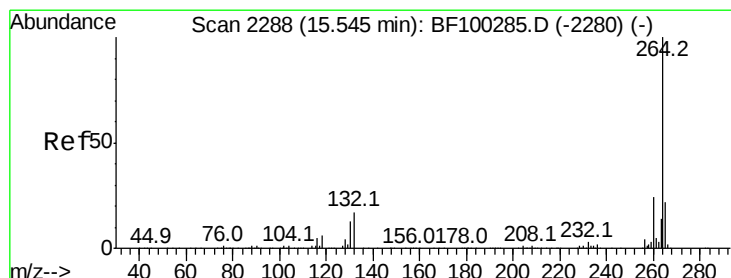
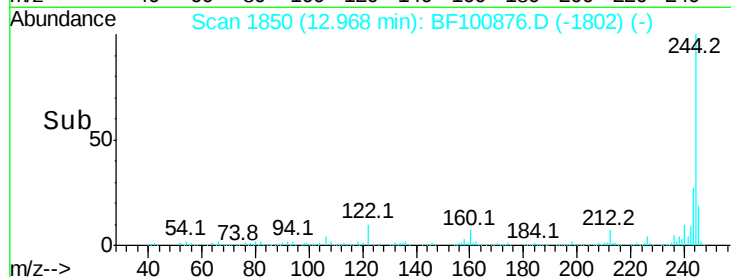
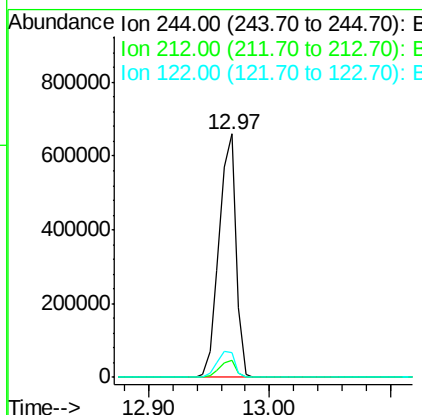
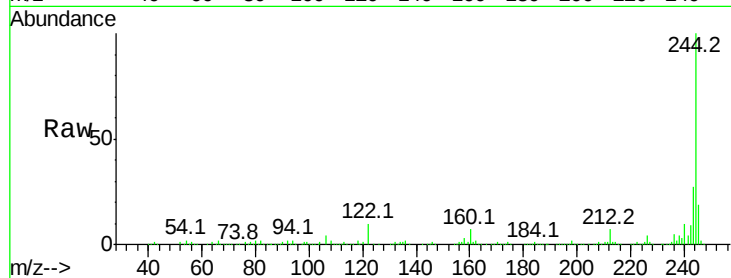




#78
 Terphenyl-d14
 Concen: 103.087 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.02 min
 Lab File: BF100876.D
 Acq: 23 Nov 2017 15:31

Instrument :
 BNA_F
 ClientSampleId :
 112017-JETT-F-U-S

Tot Ion:244 Resp: 634620
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 10.1 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. -0.03 min
 Lab File: BF100876.D
 Acq: 23 Nov 2017 15:31

Tgt Ion:264 Resp: 156326
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.0 17.5 26.3

