

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
 Data File : BF101370.D
 Acq On : 13 Dec 2017 10:52
 Operator : SJ/JU
 Sample : I6763-05
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 120517-JETT-F-U-M

Quant Time: Dec 13 12:08:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	37879	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	133125	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	51588	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	90204	20.00	ng	0.00
75) Chrysene-d12	14.01	240	74512	20.00	ng	0.00
86) Perylene-d12	15.49	264	58574	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	118086	51.51	ng	0.00
7) Phenol-d6	6.46	99	89358	32.11	ng	0.00
23) Nitrobenzene-d5	7.39	82	215039	96.36	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	49185	79.37	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	446294	118.36	ng	0.00
78) Terphenyl-d14	12.94	244	354796	104.15	ng	0.00

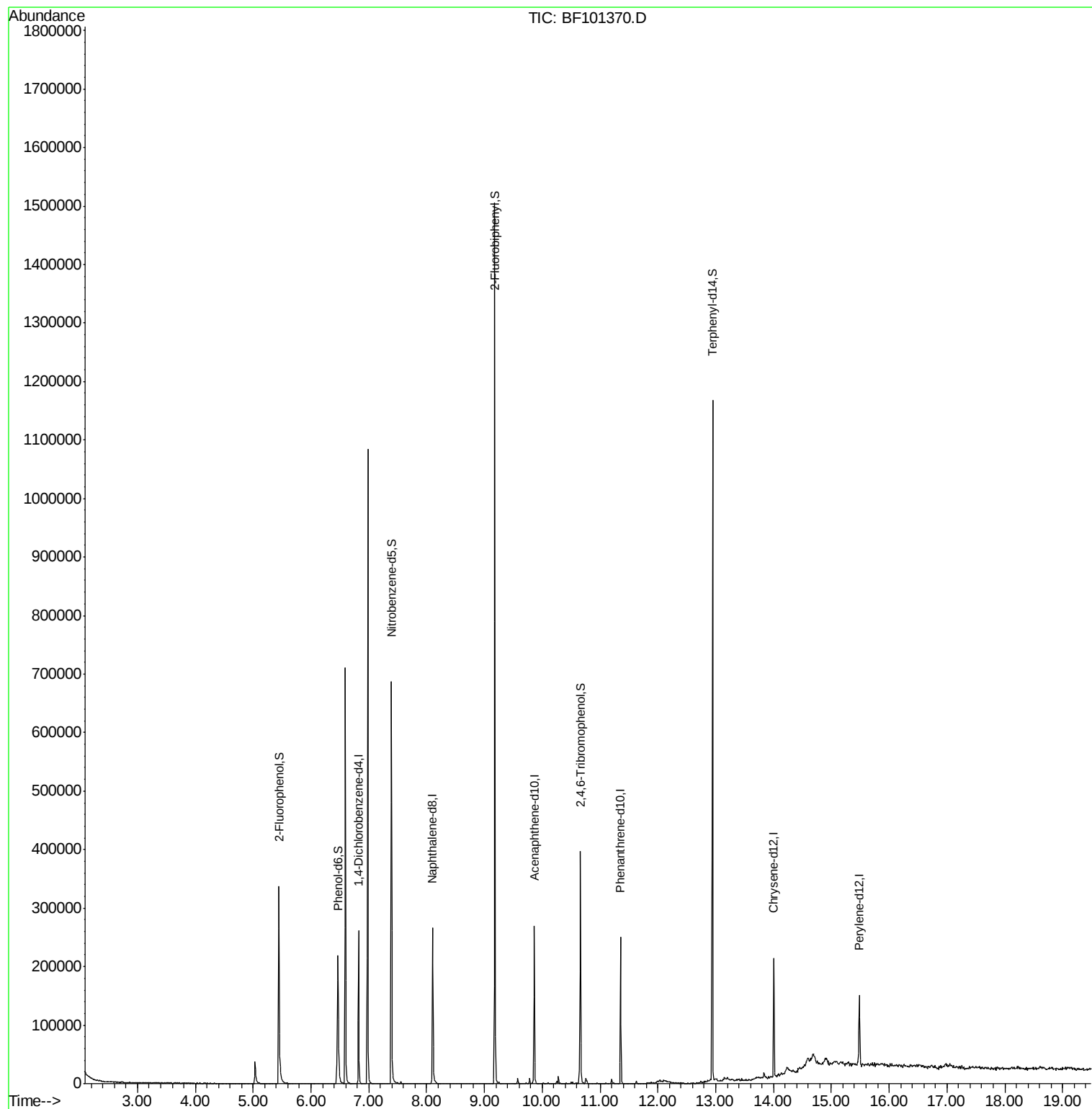
Target Compounds Qvalue

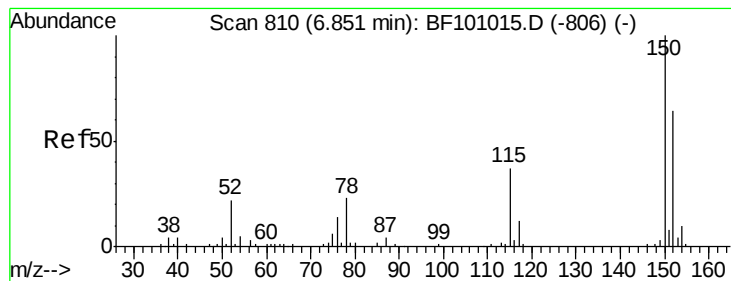
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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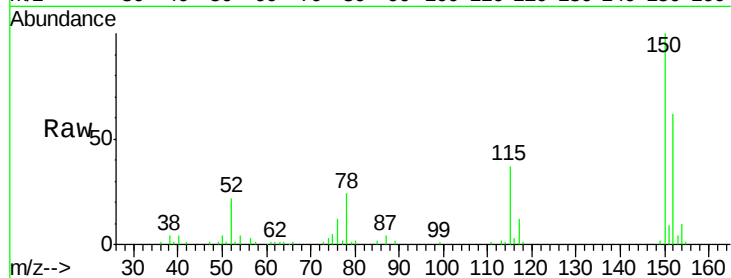


#1

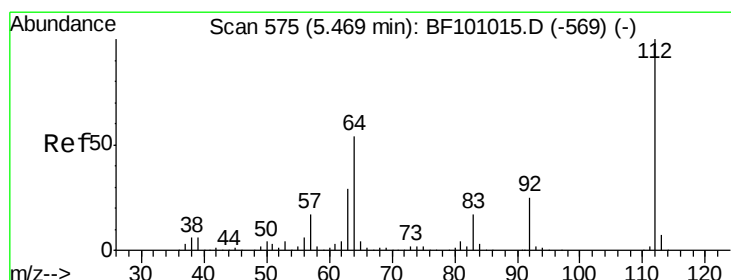
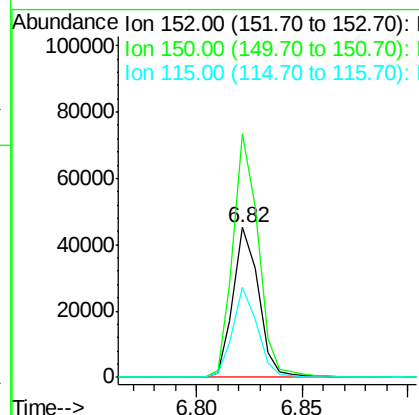
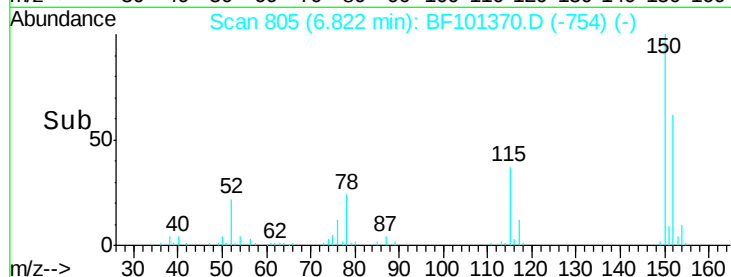
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF101370.D
Acq: 13 Dec 2017 10:52

Instrument :
BNA_F
ClientSampleId :
120517-JETT-F-U-M

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.2	124.6	186.8
115	59.8	50.1	75.1



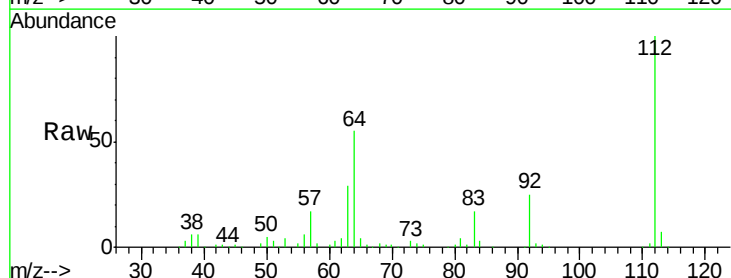
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



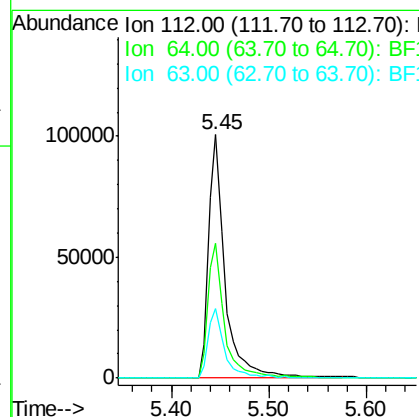
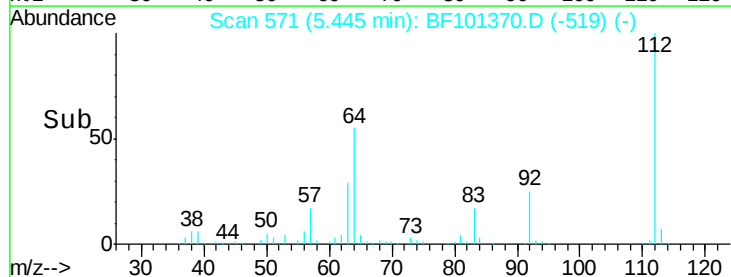
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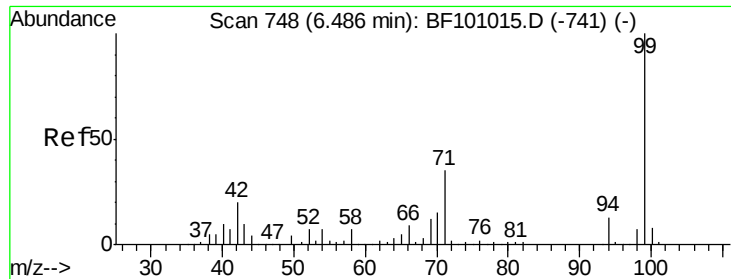
2-Fluorophenol
Concen: 51.514 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF101370.D
Acq: 13 Dec 2017 10:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.5	47.9	71.9
63	28.7	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: 32.108 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF101370.D

Acq: 13 Dec 2017 10:52

Instrument :

BNA_F

ClientSampleId :

120517-JETT-F-U-M

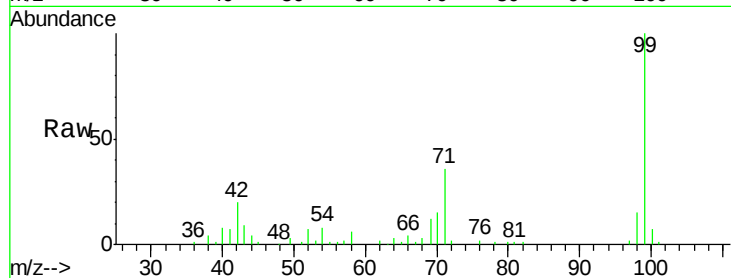
Tot Ion: 99 Resp: 89358

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

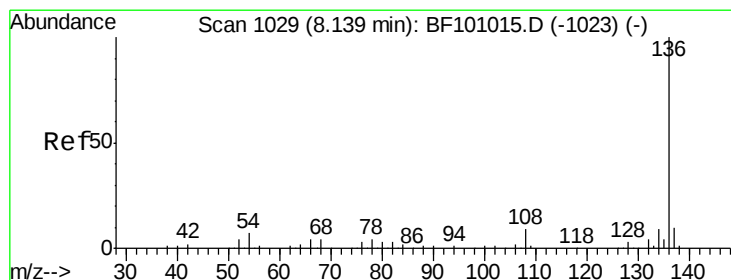
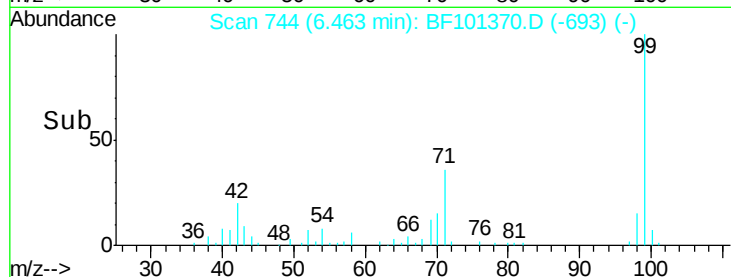
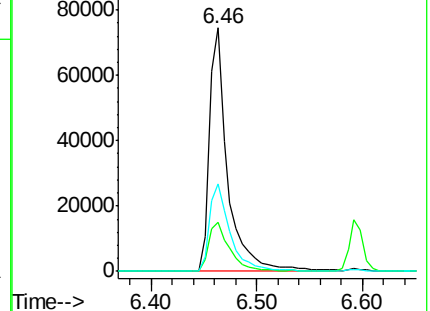
71 36.1 25.4 38.0



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: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF101370.D

Acq: 13 Dec 2017 10:52

Tgt Ion: 136 Resp: 133125

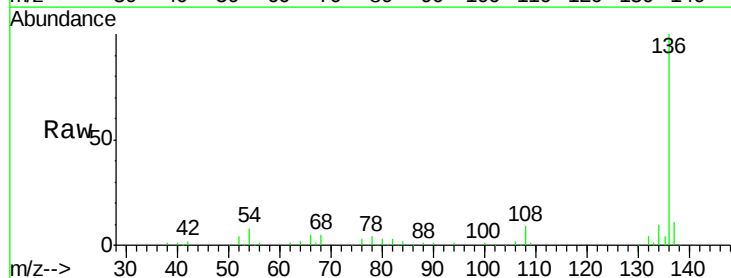
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.7 6.6 9.8

68 5.2 5.0 7.4

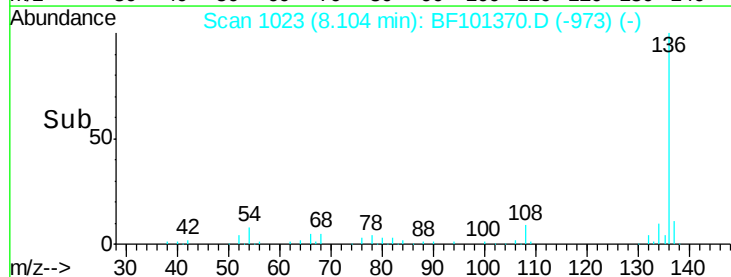
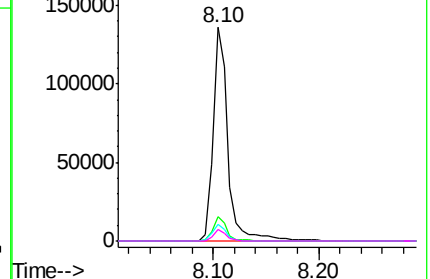


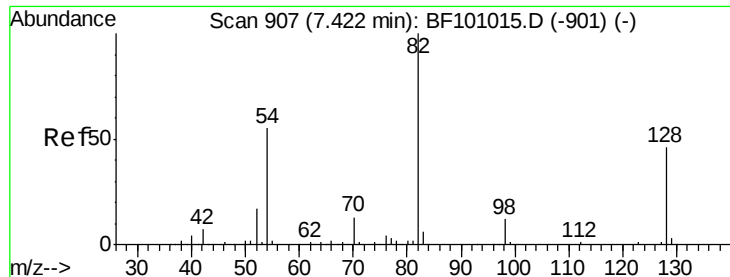
Abundance Ion 136.00 (135.70 to 136.70): E

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

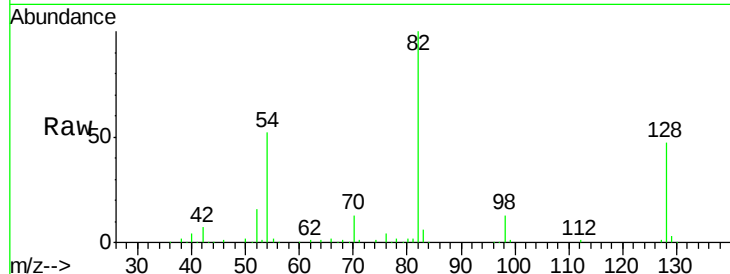




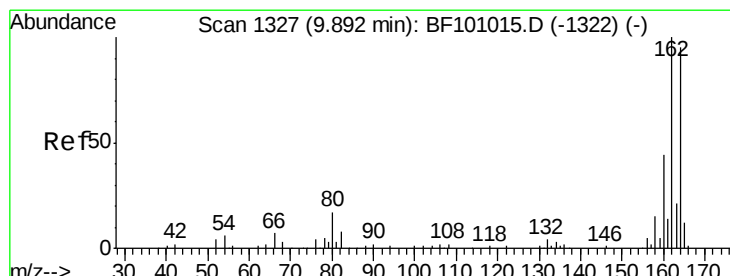
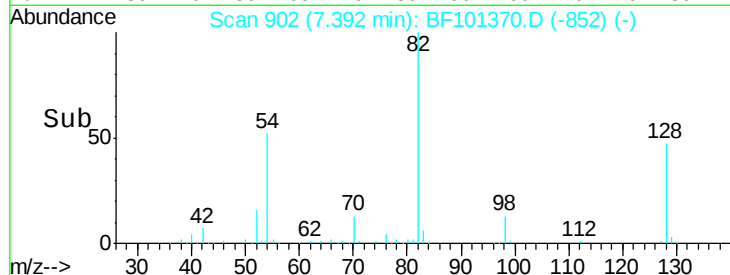
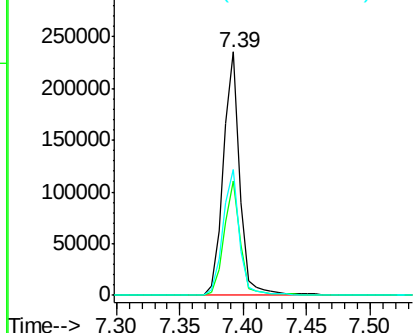
#23
Nitrobenzene-d5
Concen: 96.359 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF101370.D
Acq: 13 Dec 2017 10:52

Instrument :
BNA_F
ClientSampleId :
120517-JETT-F-U-M

Tot Ion: 82 Resp: 215039
Ion Ratio Lower Upper
82 100
128 46.8 36.1 54.1
54 51.8 41.4 62.2

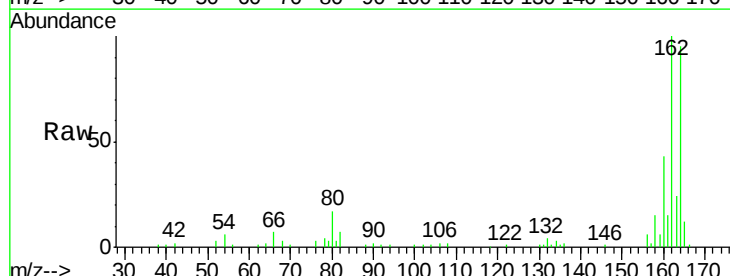


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

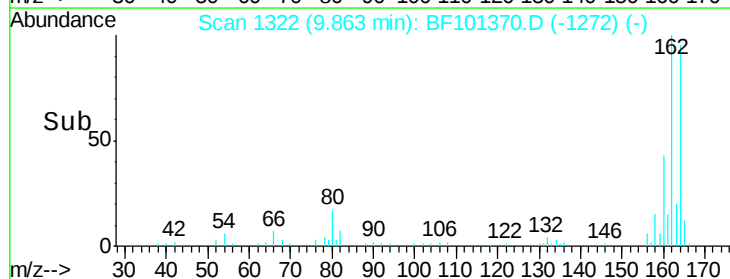
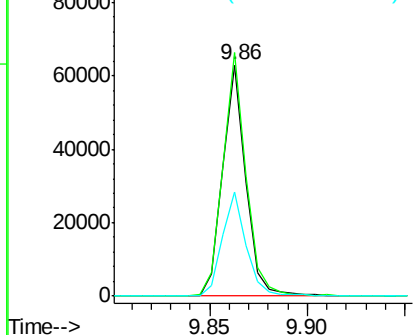


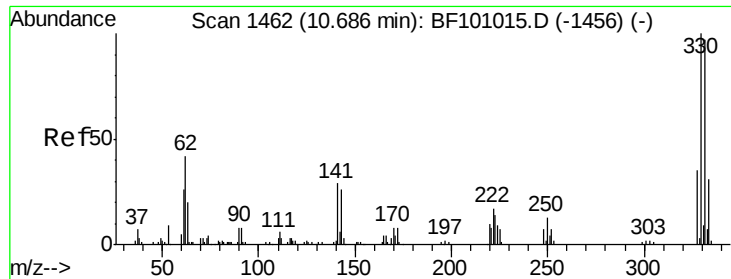
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF101370.D
Acq: 13 Dec 2017 10:52

Tgt Ion: 164 Resp: 51588
Ion Ratio Lower Upper
164 100
162 105.5 86.1 129.1
160 45.2 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

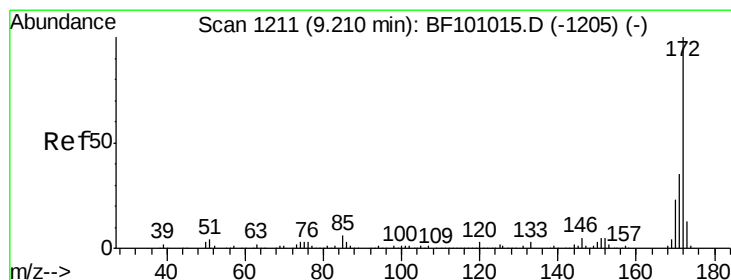
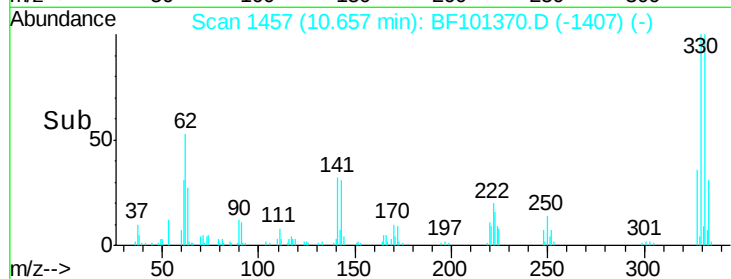
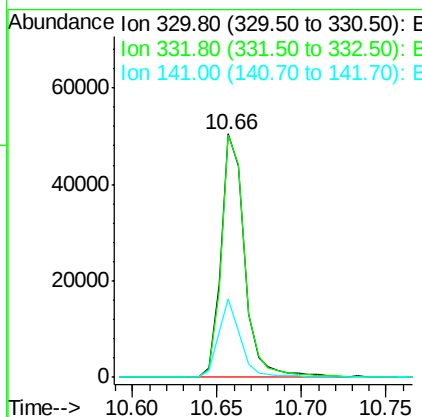
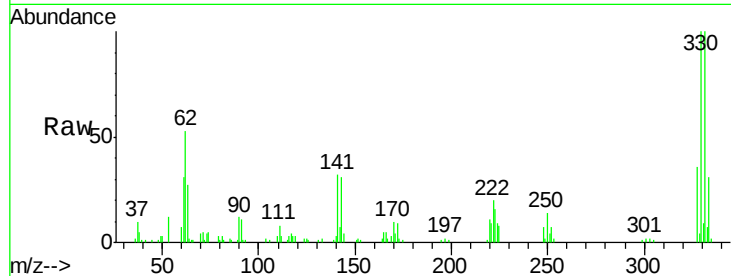




#41
 2,4,6-Tribromophenol
 Concen: 79.367 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: BF101370.D
 Acq: 13 Dec 2017 10:52

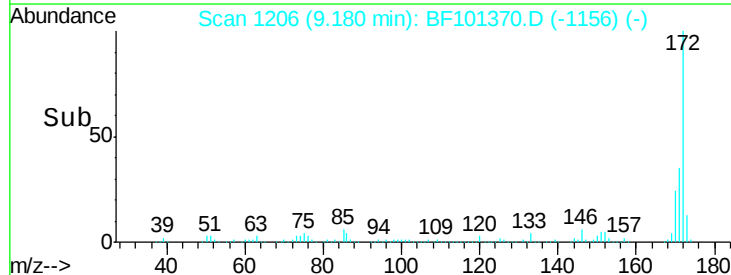
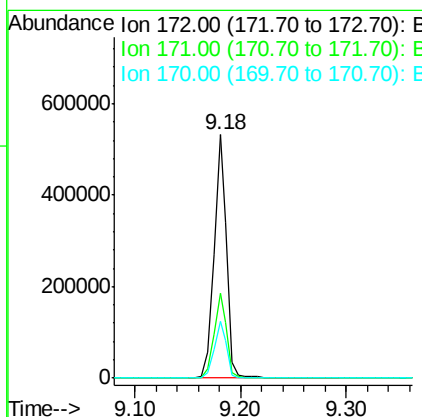
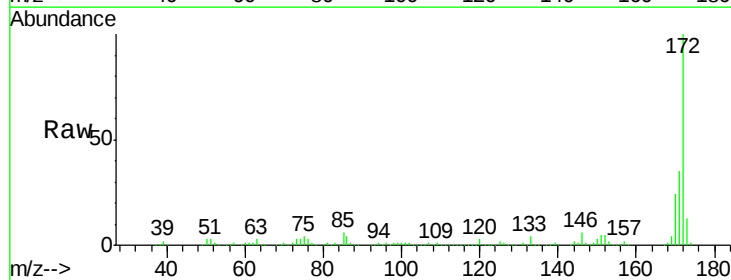
Instrument :
 BNA_F
 ClientSampleId :
 120517-JETT-F-U-M

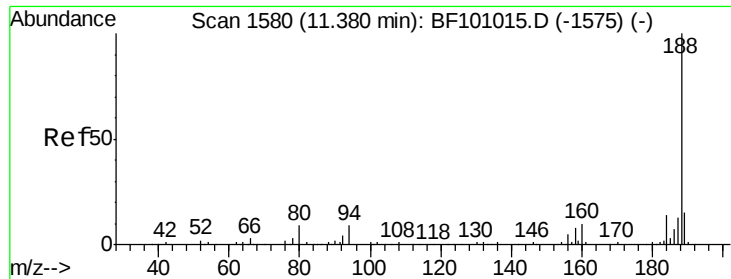
Tot Ion	Ratio	Lower	Upper
330	100		
332	99.2	77.0	115.6
141	30.2	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 118.365 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF101370.D
 Acq: 13 Dec 2017 10:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.7	44.5
170	23.6	19.6	29.4

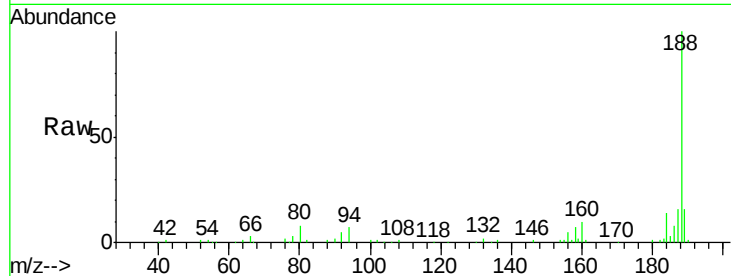




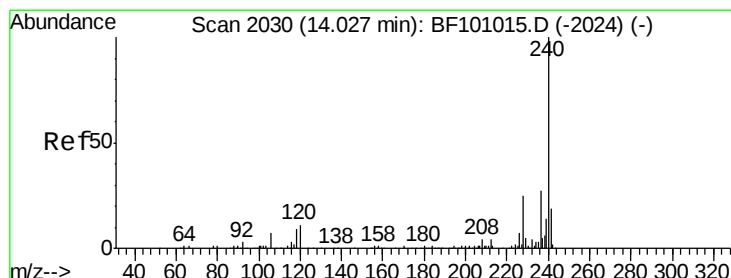
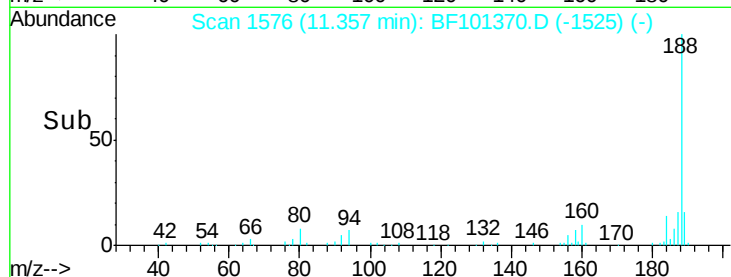
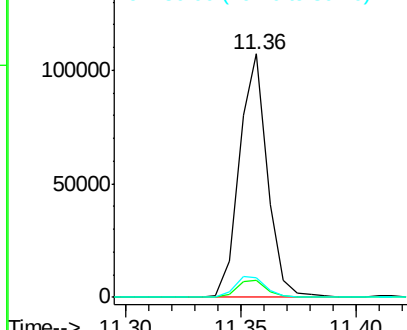
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BF101370.D
Acq: 13 Dec 2017 10:52

Instrument :
BNA_F
ClientSampleId :
120517-JETT-F-U-M

Tot Ion:188 Resp: 90204
Ion Ratio Lower Upper
188 100
94 7.2 8.5 12.7#
80 8.0 9.2 13.8#

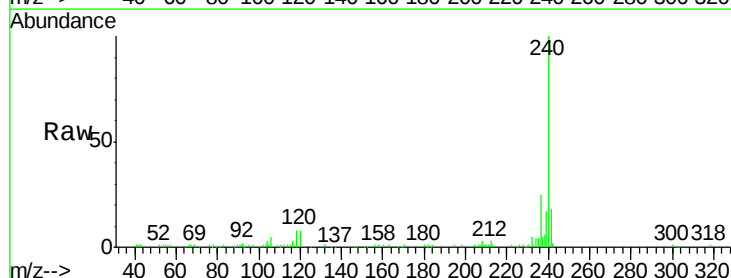


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

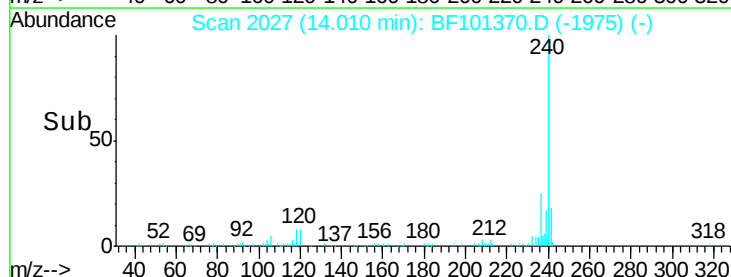
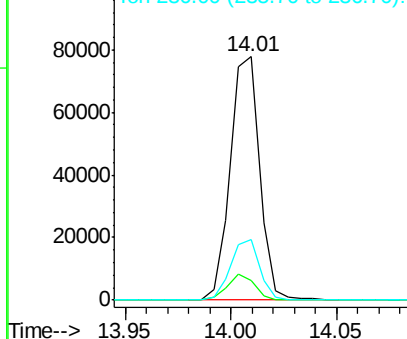


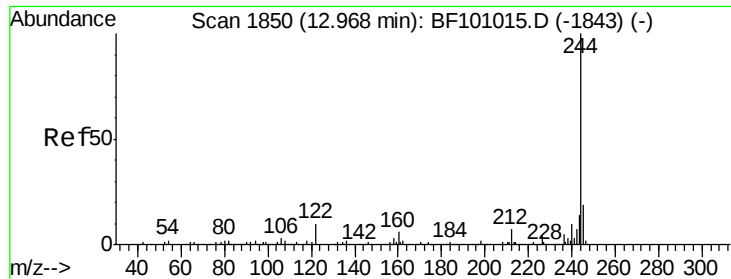
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF101370.D
Acq: 13 Dec 2017 10:52

Tgt Ion:240 Resp: 74512
Ion Ratio Lower Upper
240 100
120 7.9 9.5 14.3#
236 24.6 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: 104.149 ng

RT: 12.94 min Scan# 1846

Delta R.T. 0.01 min

Lab File: BF101370.D

Acq: 13 Dec 2017 10:52

Instrument :

BNA_F

ClientSampleId :

120517-JETT-F-U-M

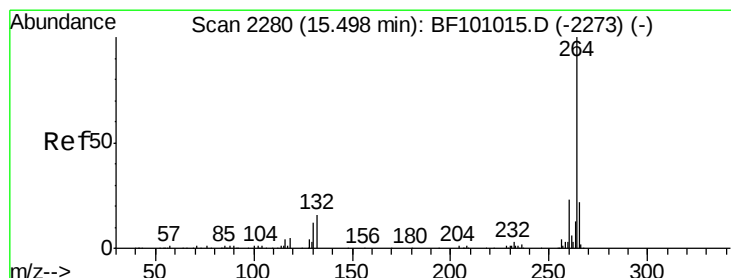
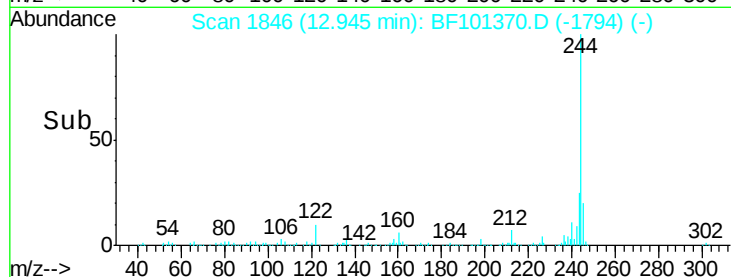
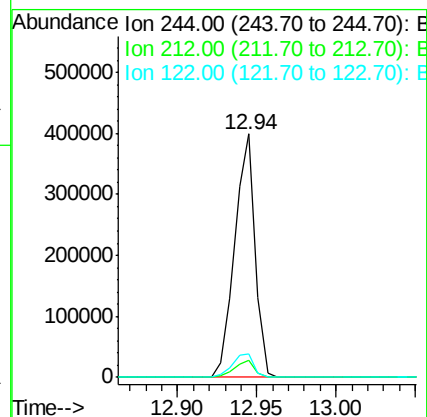
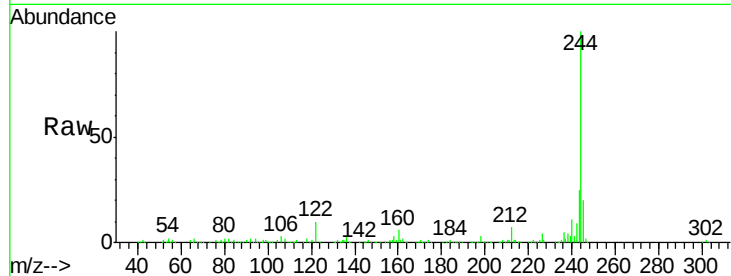
Tot Ion:244 Resp: 354796

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

122 9.6 11.0 16.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2278

Delta R.T. 0.02 min

Lab File: BF101370.D

Acq: 13 Dec 2017 10:52

Tgt Ion:264 Resp: 58574

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 22.2 17.5 26.3

