

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
 Data File : BF103795.D
 Acq On : 20 Mar 2018 9:55
 Operator : JU/SJ
 Sample : J1954-06
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 031518-JETT-F-U-S

Quant Time: Mar 20 11:05:45 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	153846	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	604611	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	266348	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	420748	20.00	ng	0.00
75) Chrysene-d12	14.16	240	302135	20.00	ng	0.00
86) Perylene-d12	15.70	264	257786	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	412328	40.76	ng	0.00
7) Phenol-d6	6.58	99	307558	24.85	ng	0.00
23) Nitrobenzene-d5	7.53	82	998079	115.12	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	239381	104.53	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1587893	95.10	ng	0.00
78) Terphenyl-d14	13.10	244	1258551	96.69	ng	0.01

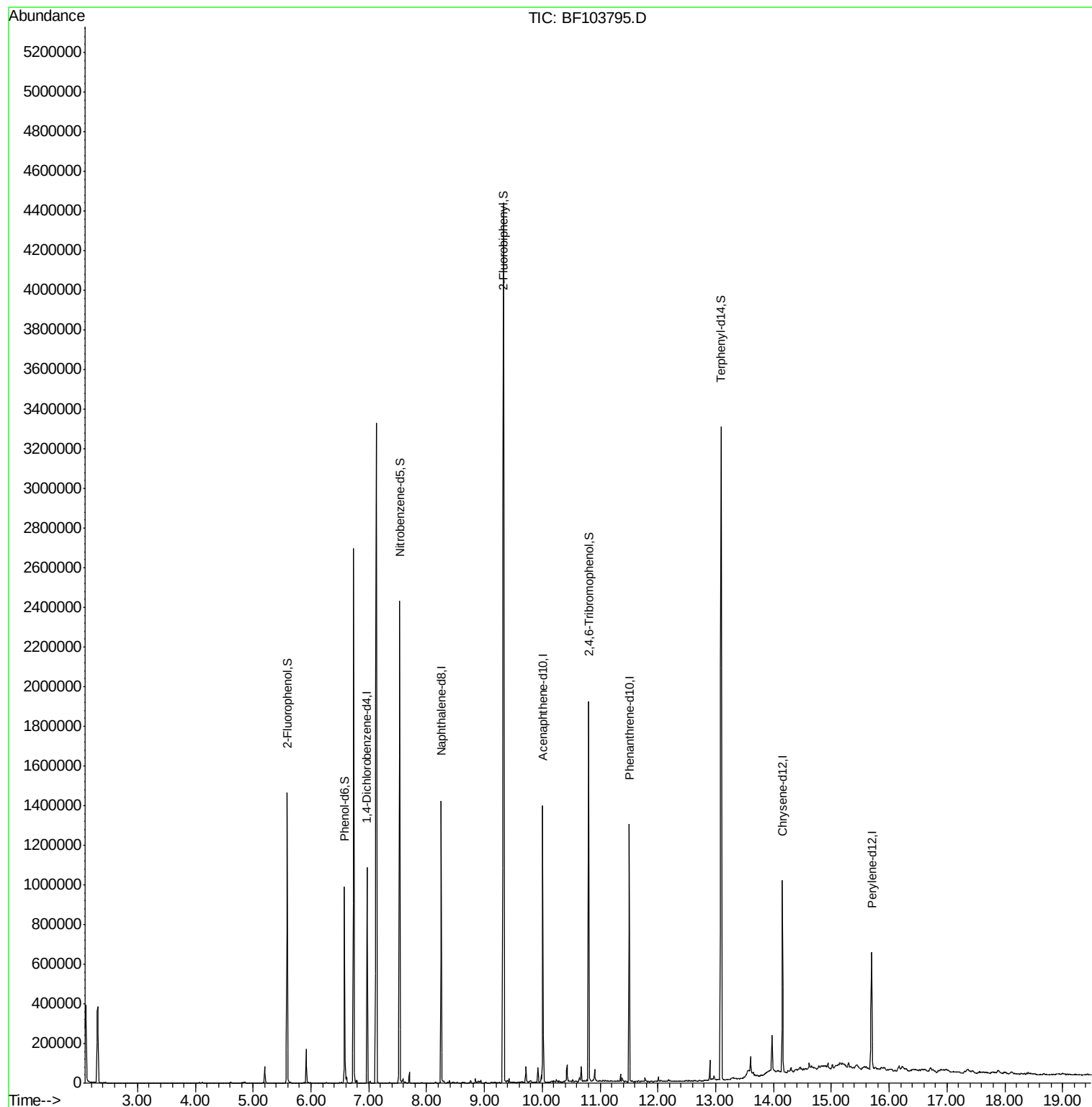
Target Compounds Qvalue

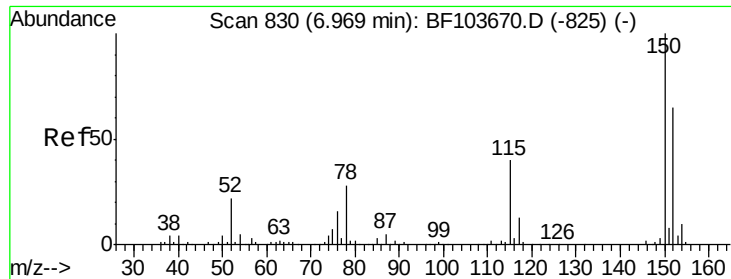
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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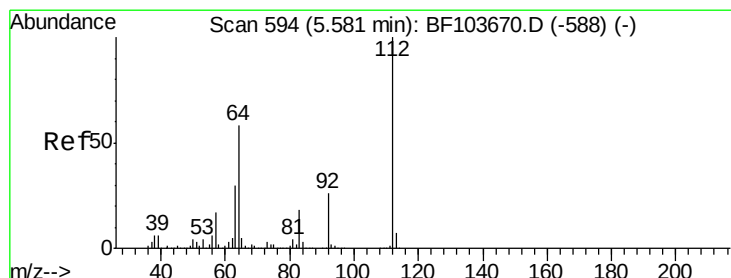
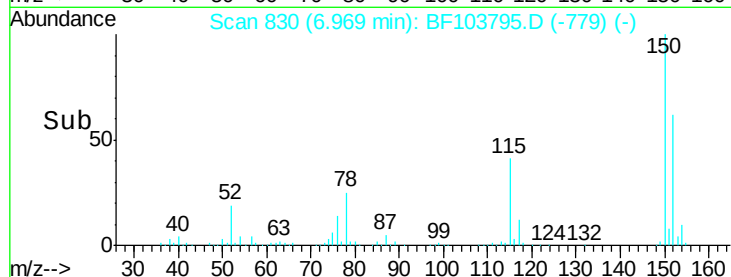
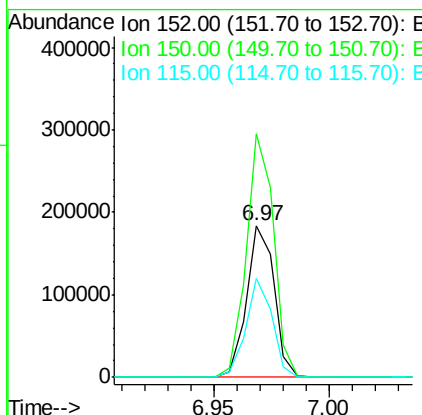
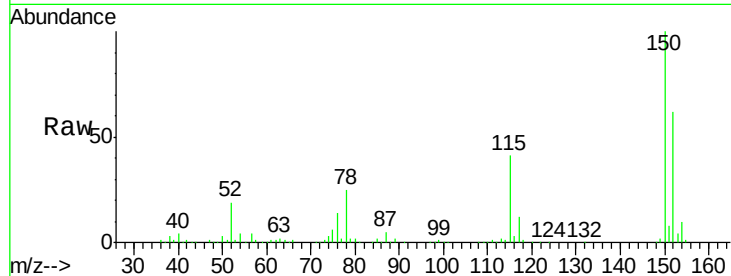


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF103795.D
Acq: 20 Mar 2018 9:55

Instrument :
BNA_F
ClientSampleId :
031518-JETT-F-U-S

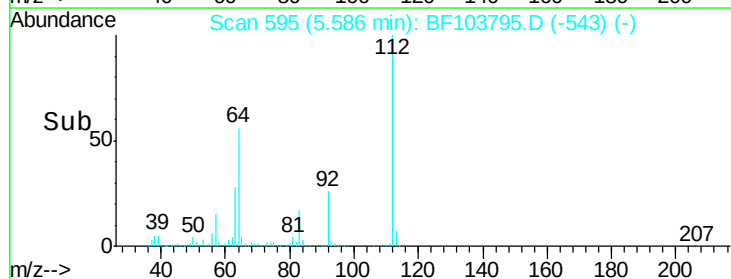
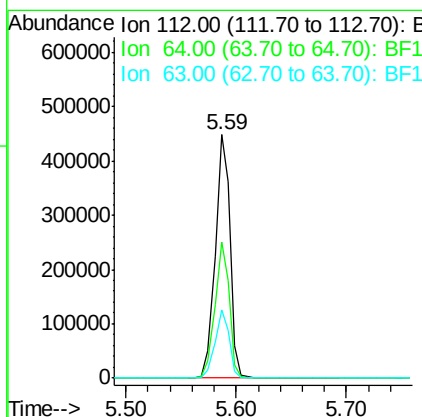
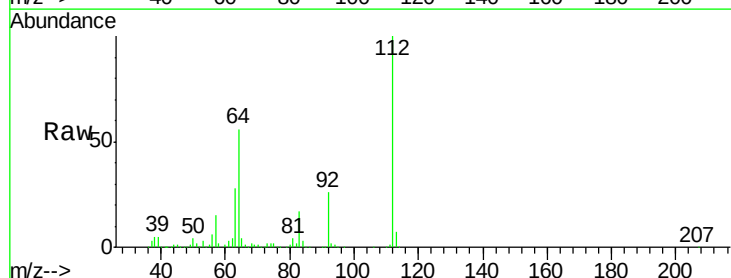
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	124.6	186.8
115	65.0	50.1	75.1

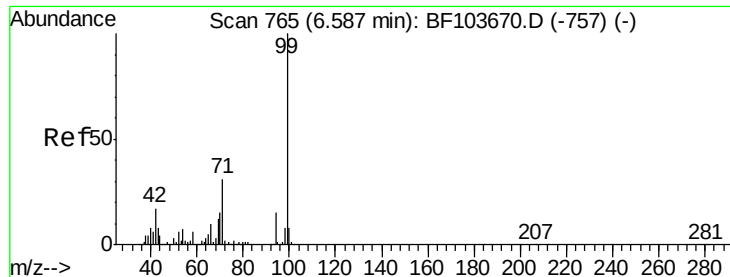


#5

2-Fluorophenol
Concen: 40.765 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF103795.D
Acq: 20 Mar 2018 9:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.7	47.9	71.9
63	28.0	23.7	35.5





#7

Phenol-d6

Concen: 24.854 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF103795.D

Acq: 20 Mar 2018 9:55

Instrument :

BNA_F

ClientSampleId :

031518-JETT-F-U-S

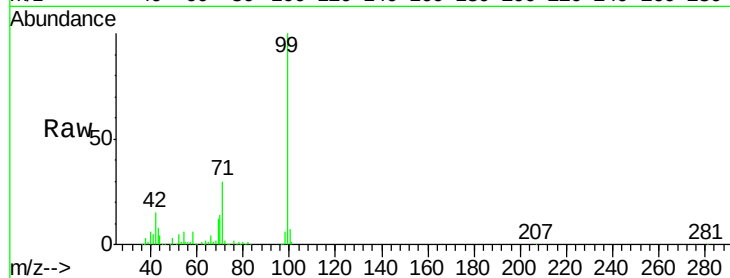
Tot Ion: 99 Resp: 307558

Ion Ratio Lower Upper

99 100

42 15.3 14.5 21.7

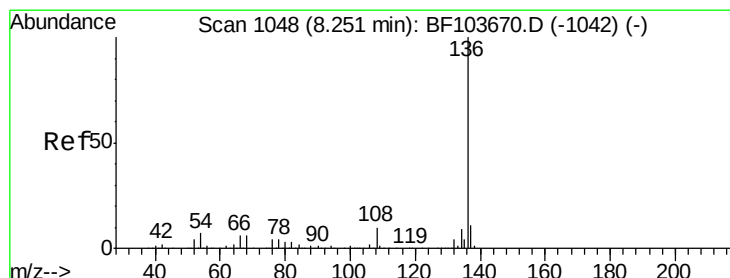
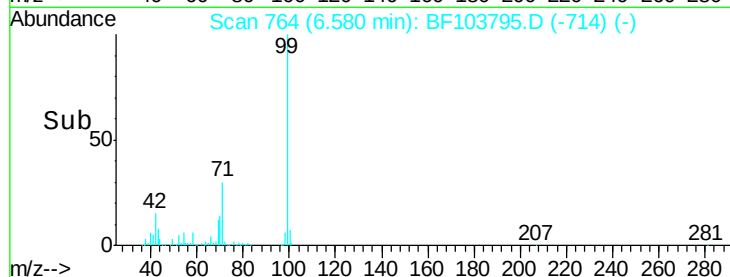
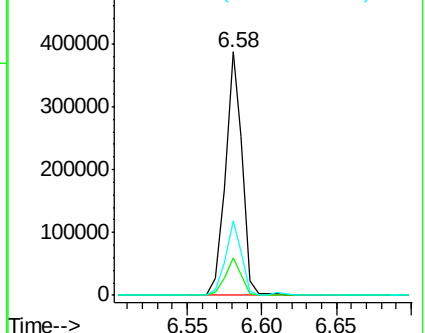
71 30.5 25.4 38.0



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: 8.25 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF103795.D

Acq: 20 Mar 2018 9:55

Tgt Ion: 136 Resp: 604611

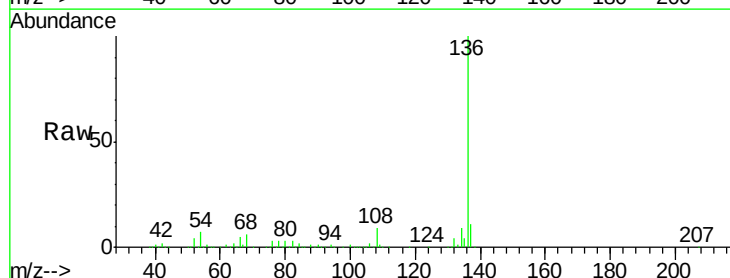
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.3 6.6 9.8

68 6.5 5.0 7.4

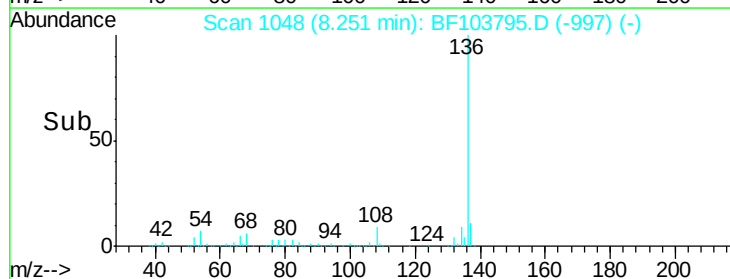
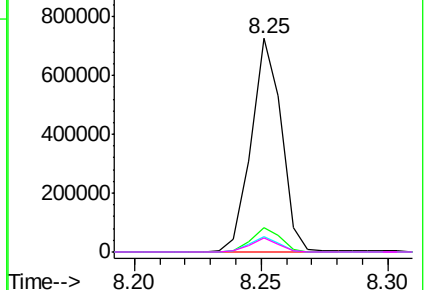


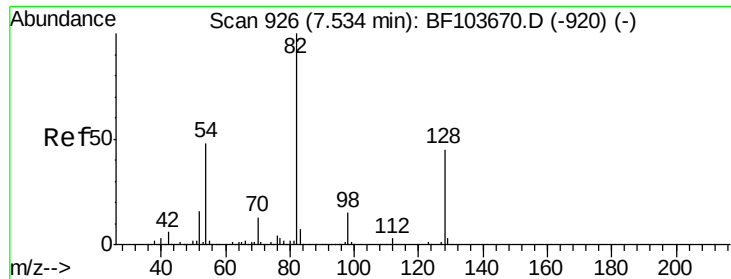
Abundance Ion 136.00 (135.70 to 136.70): E

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

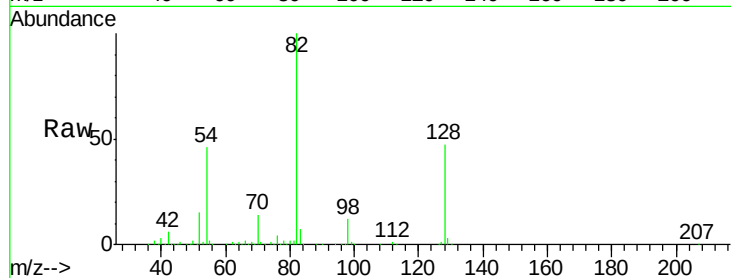




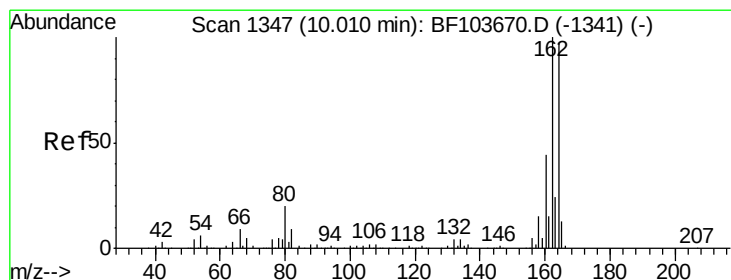
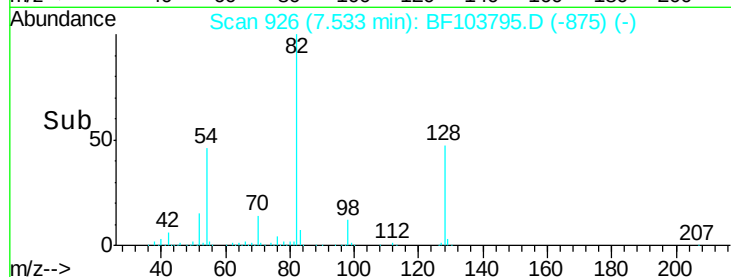
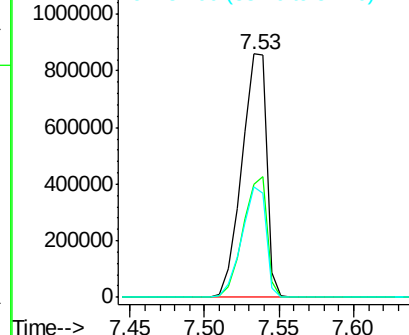
#23
 Nitrobenzene-d5
 Concen: 115.119 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: BF103795.D
 Acq: 20 Mar 2018 9:55

Instrument :
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 ClientSampleId :
 031518-JETT-F-U-S

Tot Ion	82	Resp	998079
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
128	46.7		
54	45.5		
	41.4		
	62.2		

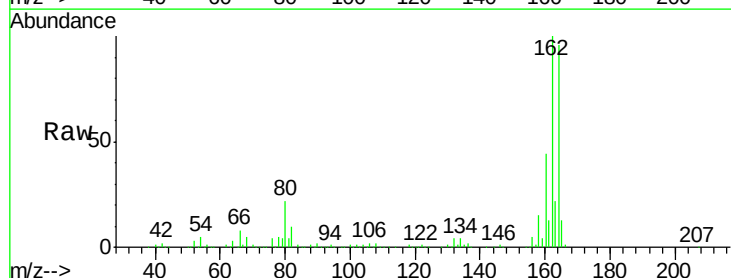


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

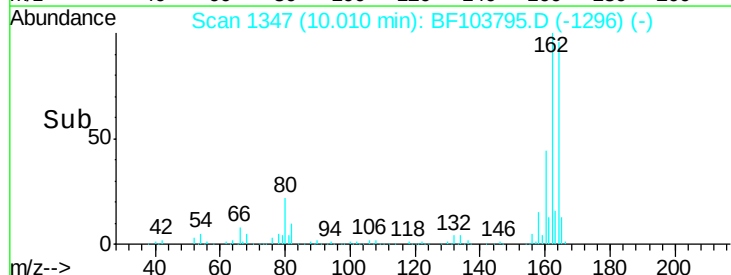
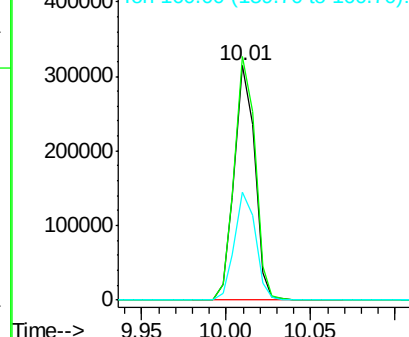


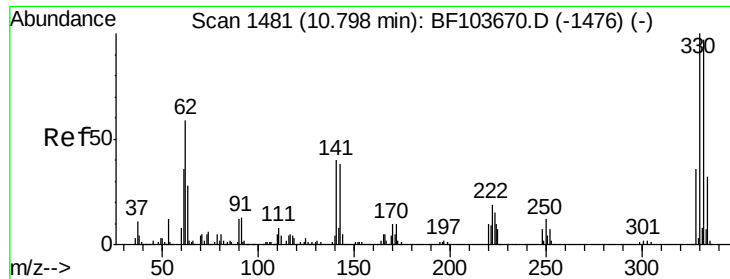
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.00 min
 Lab File: BF103795.D
 Acq: 20 Mar 2018 9:55

Tgt Ion	164	Resp	266348
Ion Ratio	100		
Lower	86.1		
Upper	129.1		
162	103.9		
160	46.1		
	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: 104.530 ng

RT: 10.80 min Scan# 1482

Delta R.T. 0.01 min

Lab File: BF103795.D

Acq: 20 Mar 2018 9:55

Instrument :

BNA_F

ClientSampleId :

031518-JETT-F-U-S

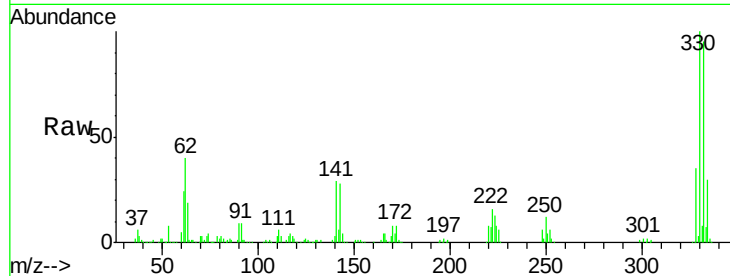
Tot Ion:330 Resp: 239381

Ion Ratio Lower Upper

330 100

332 95.4 77.0 115.6

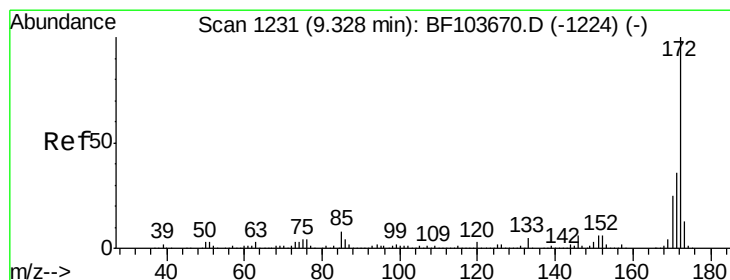
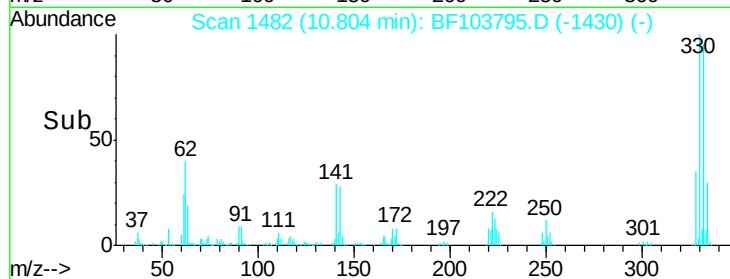
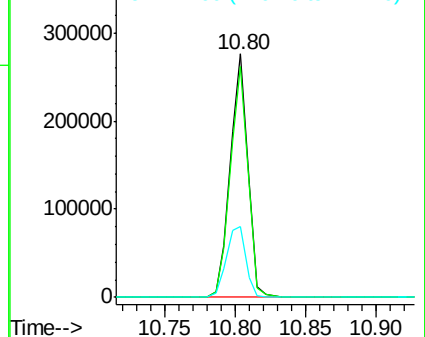
141 32.9 29.9 44.9



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: 95.098 ng

RT: 9.33 min Scan# 1231

Delta R.T. 0.00 min

Lab File: BF103795.D

Acq: 20 Mar 2018 9:55

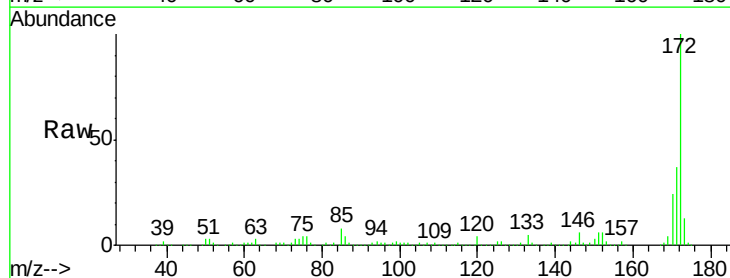
Tgt Ion:172 Resp: 1587893

Ion Ratio Lower Upper

172 100

171 36.9 29.7 44.5

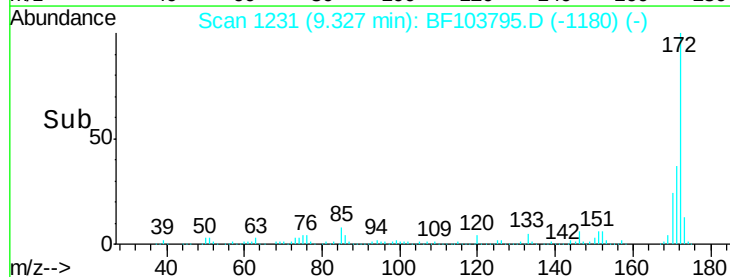
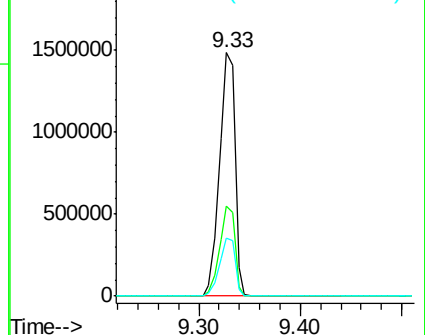
170 23.9 19.6 29.4

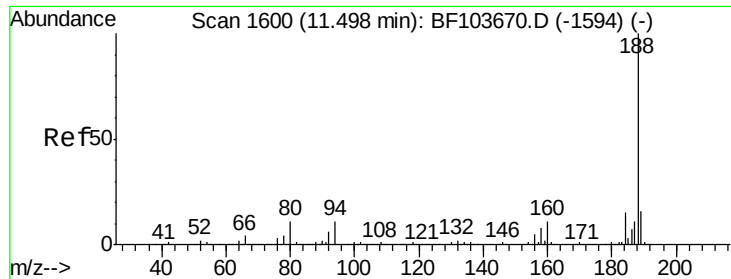


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

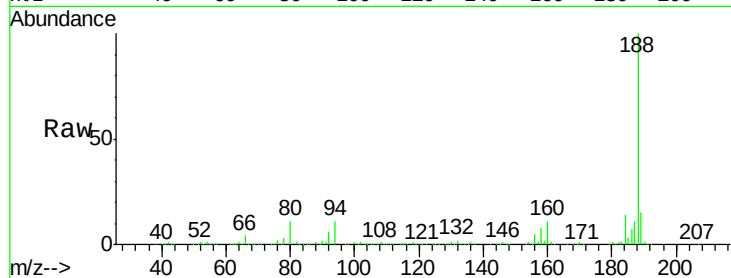




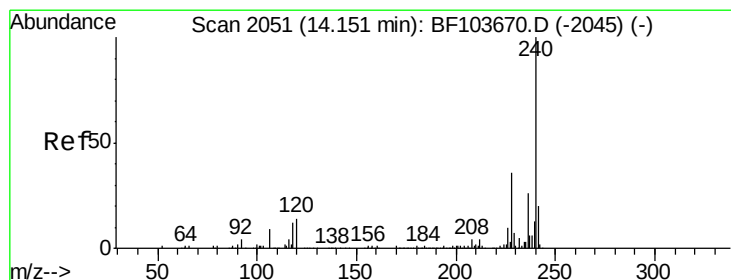
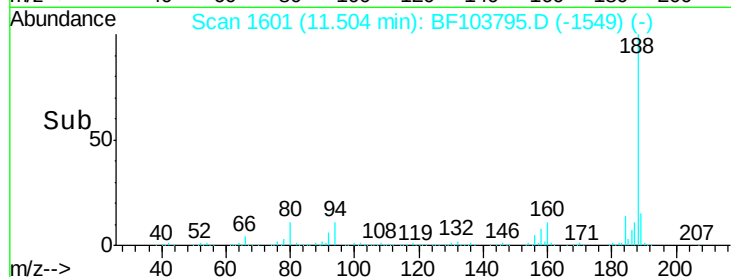
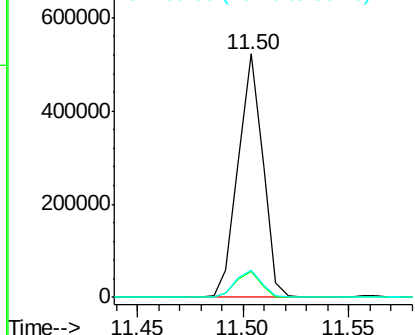
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF103795.D
Acq: 20 Mar 2018 9:55

Instrument :
BNA_F
ClientSampleId :
031518-JETT-F-U-S

Tot Ion:188 Resp: 420748
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 11.3 9.2 13.8

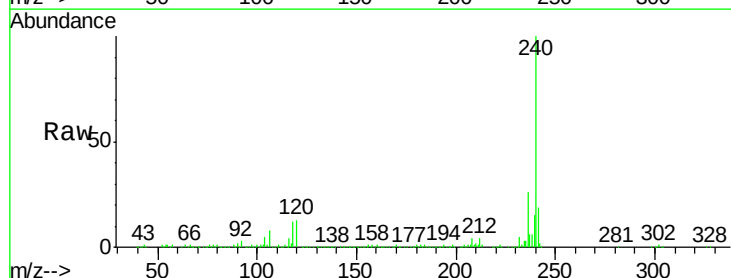


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

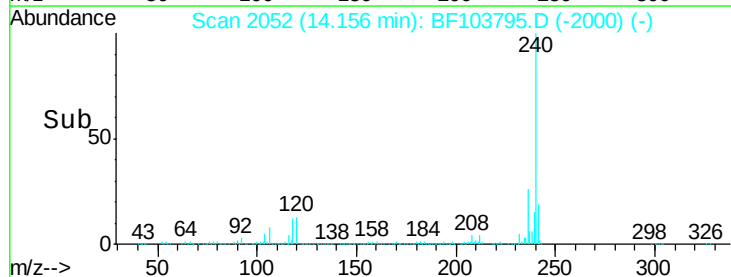
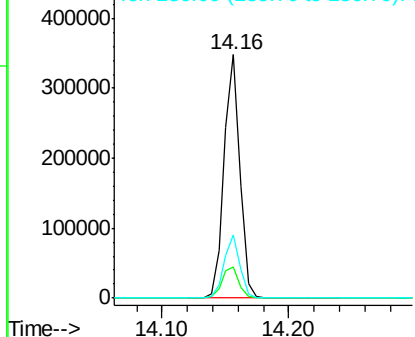


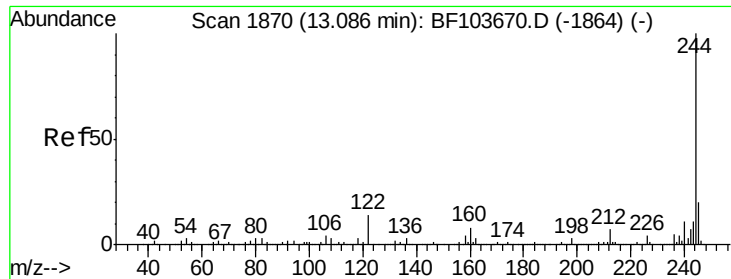
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.01 min
Lab File: BF103795.D
Acq: 20 Mar 2018 9:55

Tgt Ion:240 Resp: 302135
Ion Ratio Lower Upper
240 100
120 12.6 9.5 14.3
236 25.7 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: 96.688 ng

RT: 13.10 min Scan# 1872

Delta R.T. 0.01 min

Lab File: BF103795.D

Acq: 20 Mar 2018 9:55

Instrument :

BNA_F

ClientSampleId :

031518-JETT-F-U-S

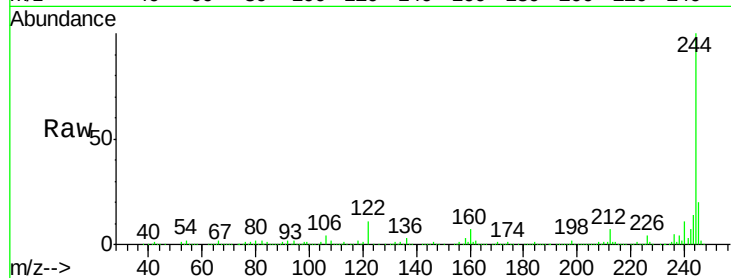
Tot Ion:244 Resp: 1258551

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

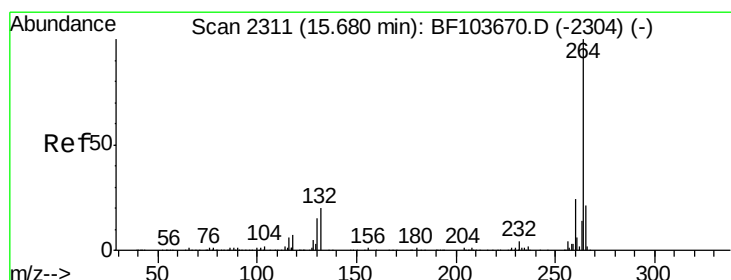
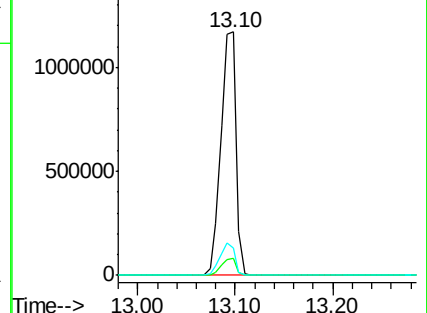
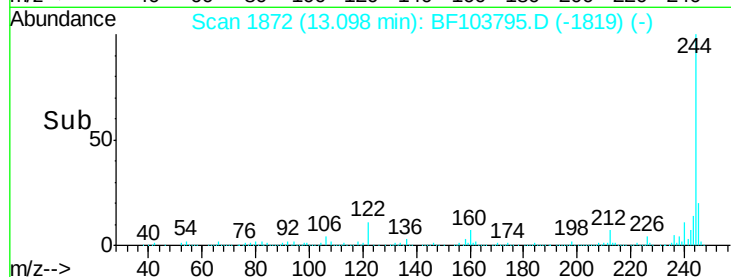
122 11.4 11.0 16.4



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: 15.70 min Scan# 2314

Delta R.T. 0.02 min

Lab File: BF103795.D

Acq: 20 Mar 2018 9:55

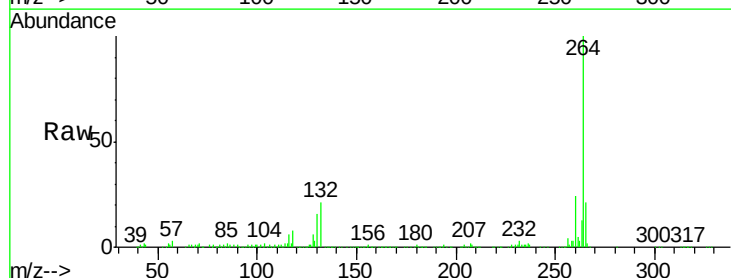
Tgt Ion:264 Resp: 257786

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.4 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

