

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121818\
 Data File : BF111583.D
 Acq On : 18 Dec 2018 18:50
 Operator : JU/SJ
 Sample : J6385-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121218-JETT-F-U-BRE

Quant Time: Dec 19 01:09:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	134739	20.00	ng	-0.02
21) Naphthalene-d8	8.06	136	546689	20.00	ng	-0.02
39) Acenaphthene-d10	9.81	164	124786	20.00	ng	-0.02
64) Phenanthrene-d10	11.30	188	375424	20.00	ng	-0.02
76) Chrysene-d12	13.93	240	187022	20.00	ng	-0.02
87) Perylene-d12	15.36	264	27217	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	369212	45.60	ng	-0.02
7) Phenol-d6	6.42	99	193023	17.92	ng	-0.02
23) Nitrobenzene-d5	7.34	82	959412	104.50	ng	-0.02
42) 2,4,6-Tribromophenol	10.60	330	228625	204.53	ng	-0.02
45) 2-Fluorobiphenyl	9.14	172	1704330	210.97	ng	-0.02
79) Terphenyl-d14	12.89	244	1430796	179.65	ng	-0.01

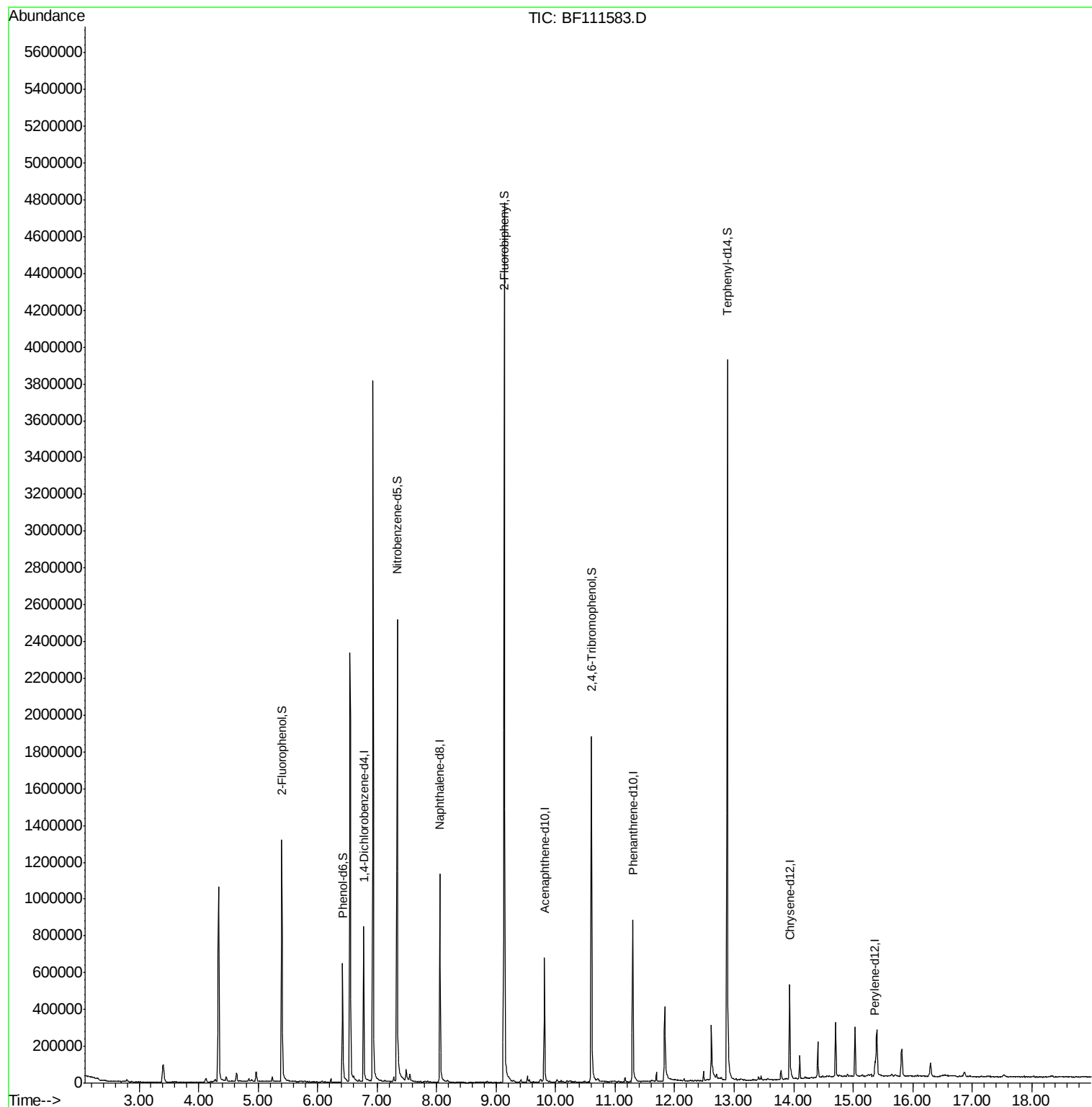
Target Compounds Qvalue

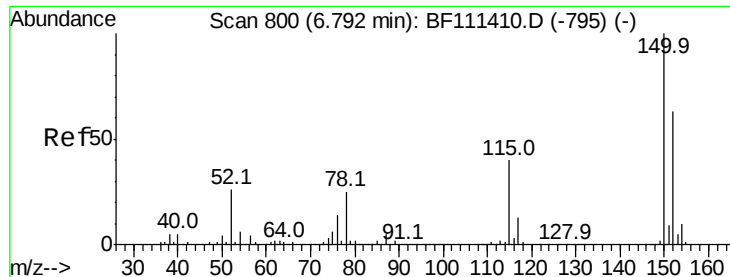
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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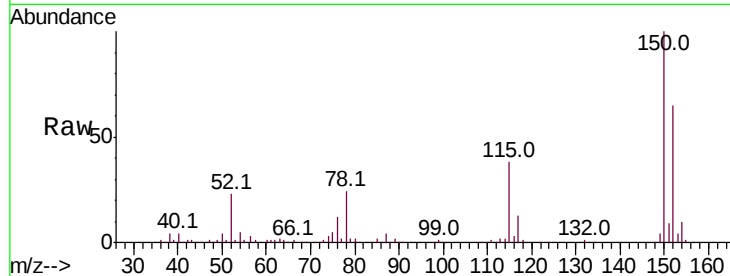


#1

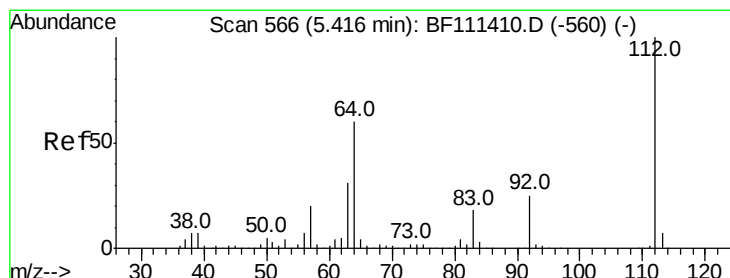
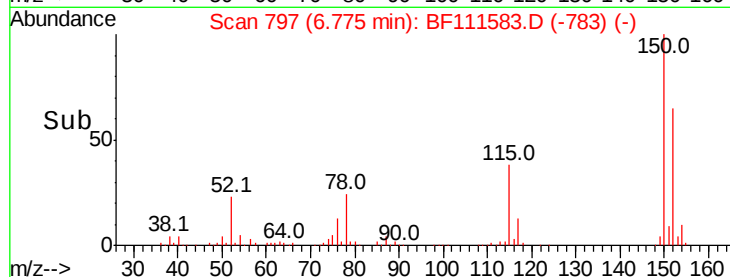
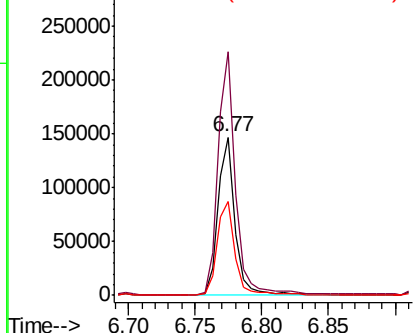
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.02 min
Lab File: BF111583.D
Acq: 18 Dec 2018 18:50

Instrument :
BNA_F
ClientSampleId :
121218-JETT-F-U-BRE

Tot Ion:152 Resp: 134739
Ion Ratio Lower Upper
152 100
150 154.0 126.6 189.8
115 59.1 50.7 76.1



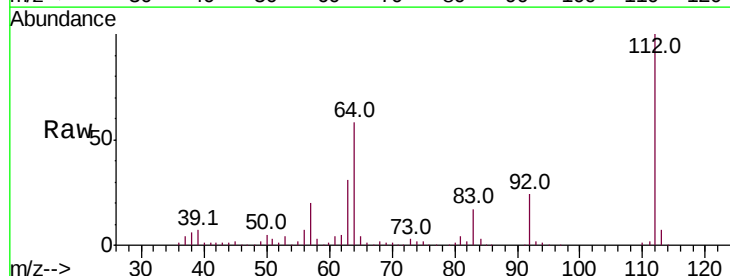
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



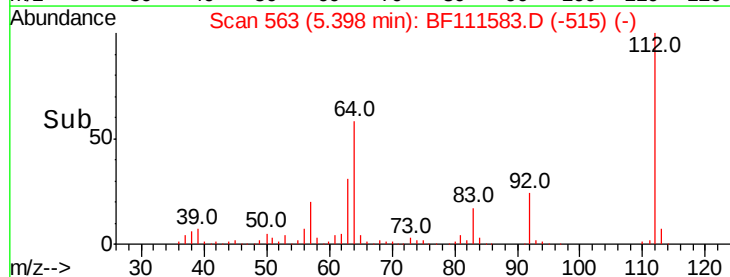
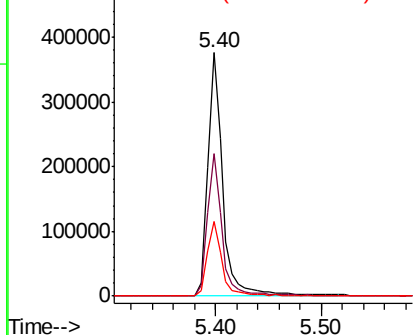
#5

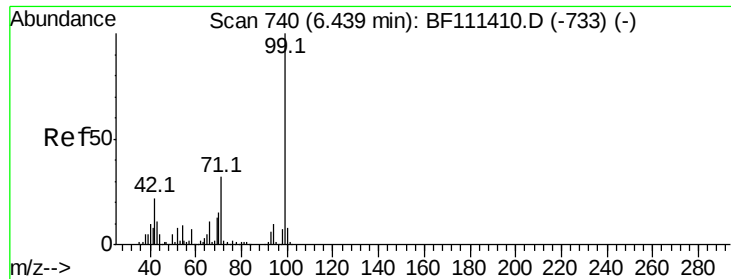
2-Fluorophenol
Concen: 45.599 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.02 min
Lab File: BF111583.D
Acq: 18 Dec 2018 18:50

Tgt Ion:112 Resp: 369212
Ion Ratio Lower Upper
112 100
64 58.4 51.8 77.6
63 30.7 26.8 40.2



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: 17.922 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.02 min

Lab File: BF111583.D

Acq: 18 Dec 2018 18:50

Instrument :

BNA_F

ClientSampleId :

121218-JETT-F-U-BRE

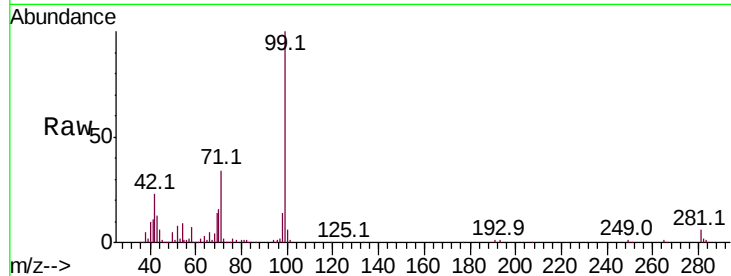
Tot Ion: 99 Resp: 193023

Ion Ratio Lower Upper

99 100

42 23.1 17.4 26.0

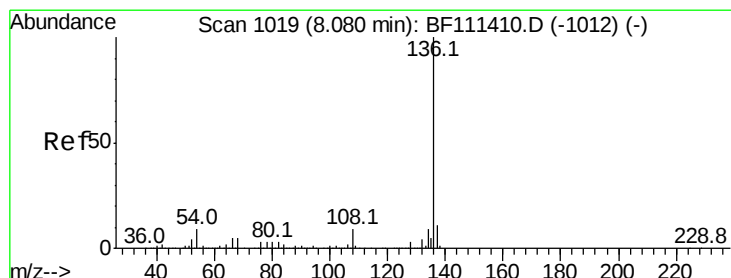
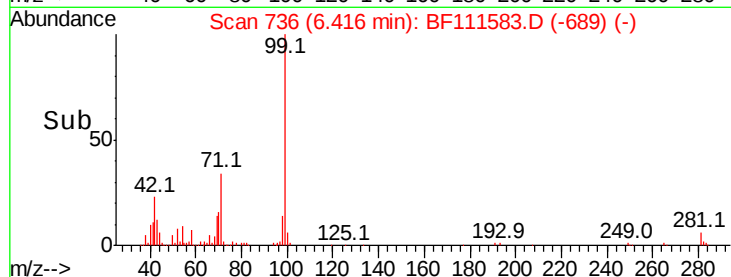
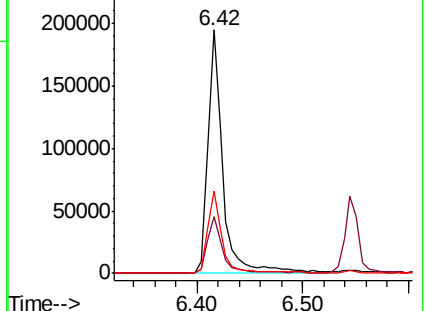
71 33.7 26.1 39.1



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: 8.06 min Scan# 1015

Delta R.T. -0.02 min

Lab File: BF111583.D

Acq: 18 Dec 2018 18:50

Tgt Ion: 136 Resp: 546689

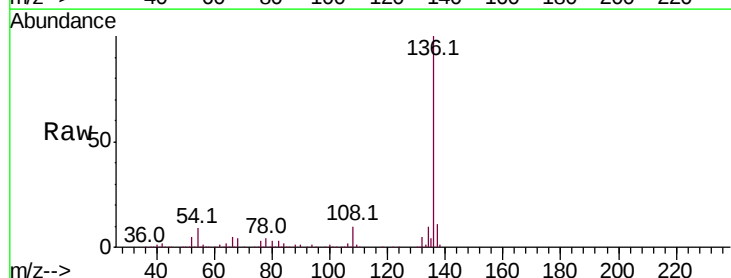
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 9.2 7.7 11.5

68 4.3 4.9 7.3#

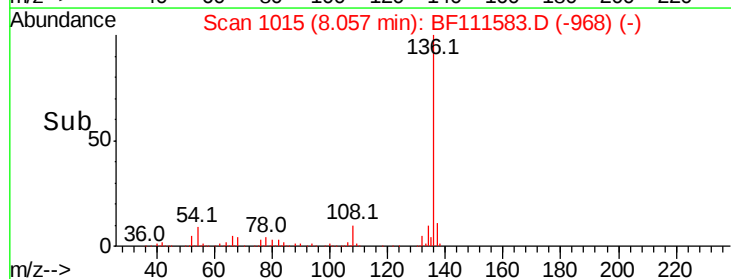
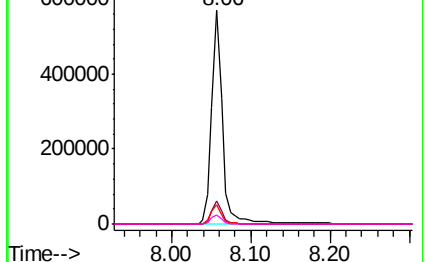


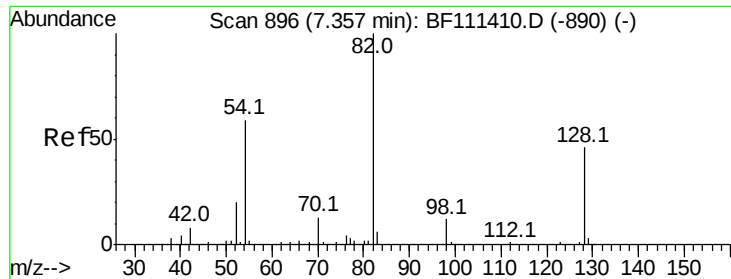
Abundance Ion 136.00 (135.70 to 136.70): E

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

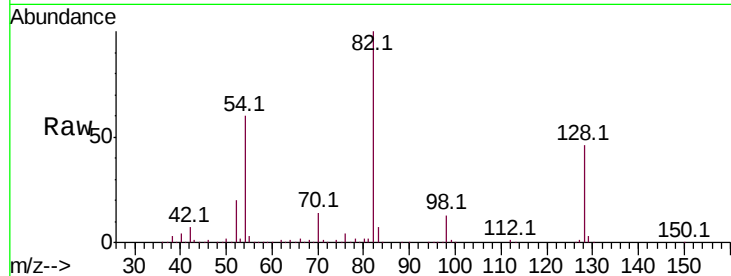




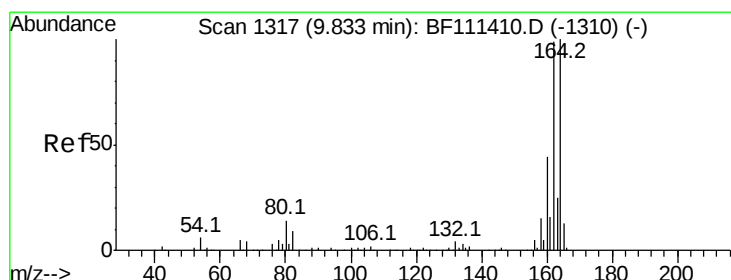
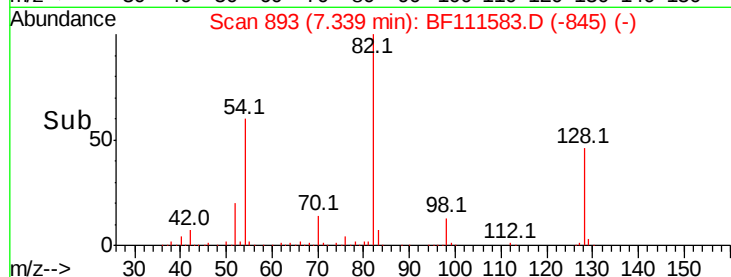
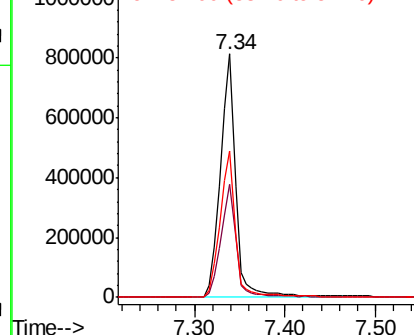
#23
Nitrobenzene-d5
Concen: 104.505 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.02 min
Lab File: BF111583.D
Acq: 18 Dec 2018 18:50

Instrument :
BNA_F
ClientSampleId :
121218-JETT-F-U-BRE

Tot Ion: 82 Resp: 959412
Ion Ratio Lower Upper
82 100
128 46.4 37.4 56.2
54 60.3 47.6 71.4

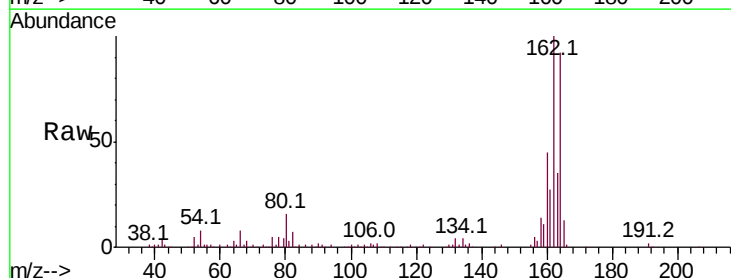


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

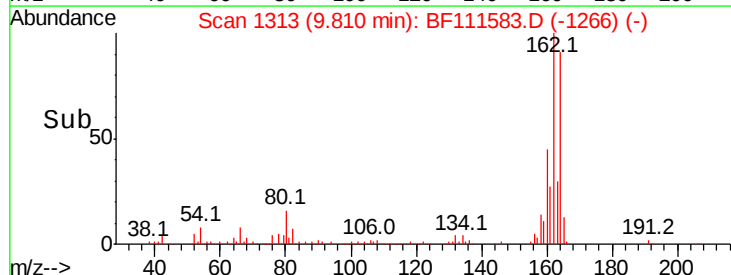
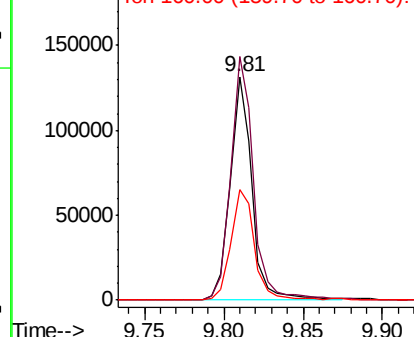


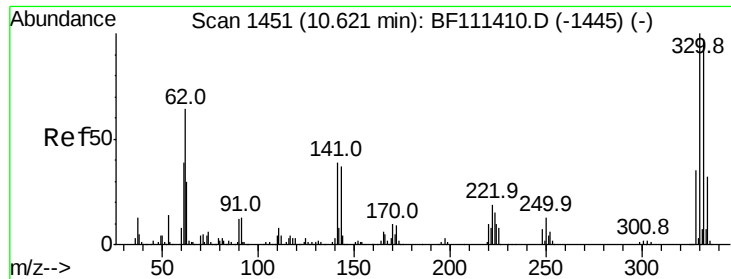
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.02 min
Lab File: BF111583.D
Acq: 18 Dec 2018 18:50

Tgt Ion:164 Resp: 124786
Ion Ratio Lower Upper
164 100
162 108.8 81.4 122.0
160 49.3 35.7 53.5



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





#42

2,4,6-Tribromophenol

Concen: 204.528 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.02 min

Lab File: BF111583.D

Acq: 18 Dec 2018 18:50

Instrument :

BNA_F

ClientSampleId :

121218-JETT-F-U-BRE

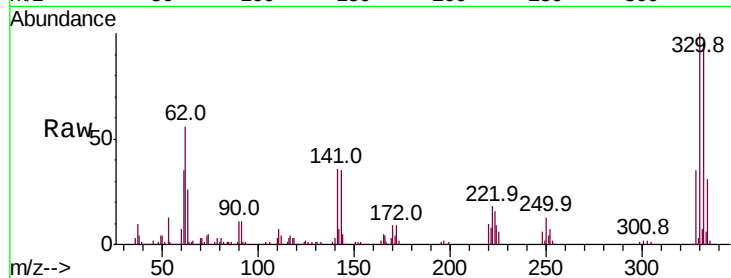
Tot Ion:330 Resp: 228625

Ion Ratio Lower Upper

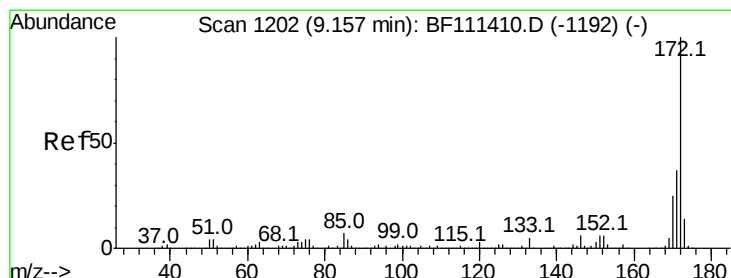
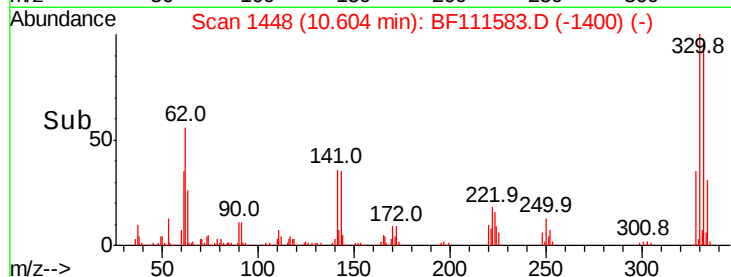
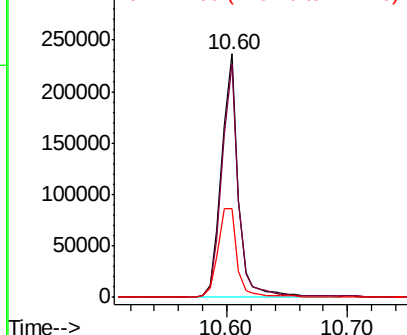
330 100

332 95.9 76.0 114.0

141 42.5 31.0 46.6



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



#45

2-Fluorobiphenyl

Concen: 210.967 ng

RT: 9.14 min Scan# 1199

Delta R.T. -0.02 min

Lab File: BF111583.D

Acq: 18 Dec 2018 18:50

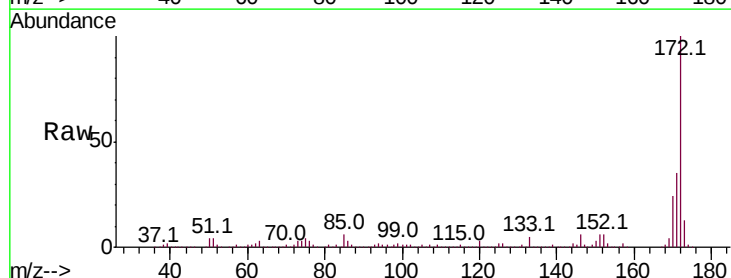
Tgt Ion:172 Resp: 1704330

Ion Ratio Lower Upper

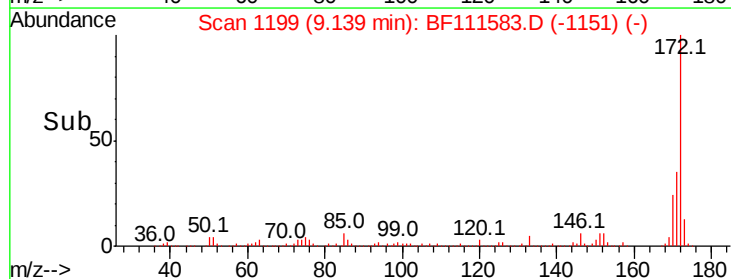
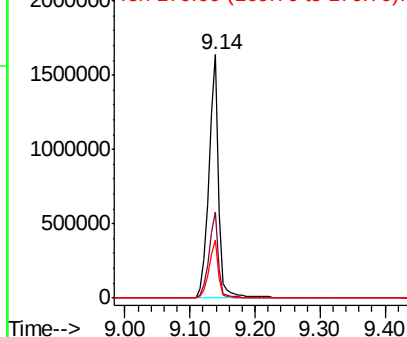
172 100

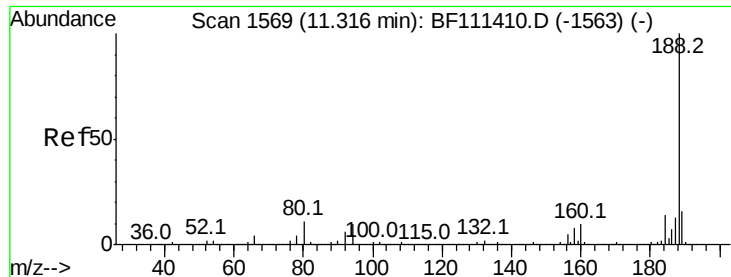
171 35.2 33.0 49.4

170 23.9 22.3 33.5



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

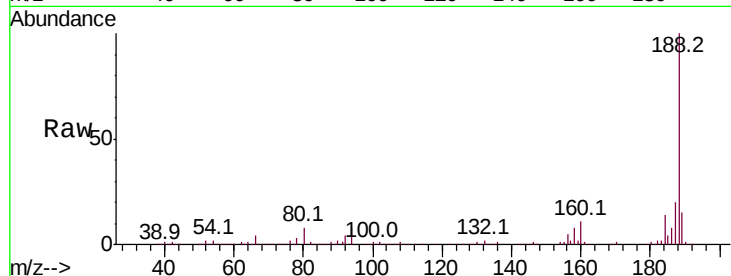




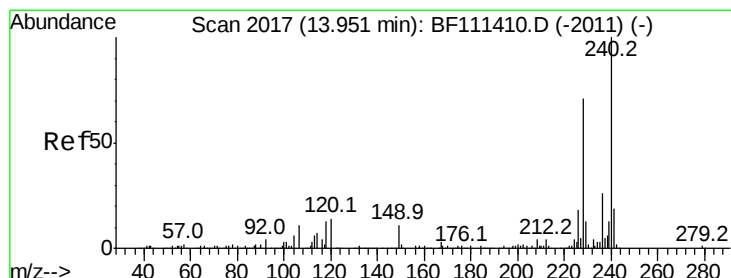
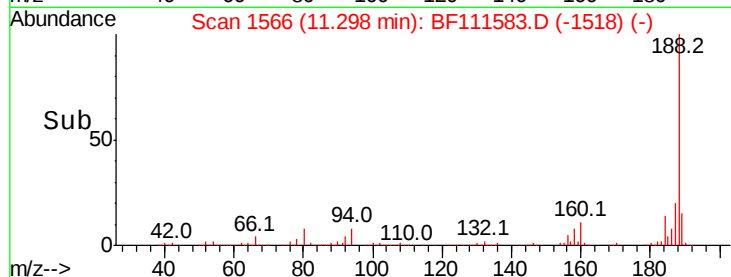
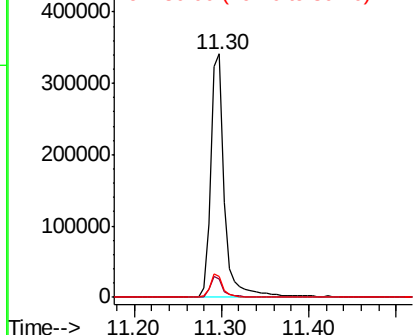
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.02 min
Lab File: BF111583.D
Acq: 18 Dec 2018 18:50

Instrument :
BNA_F
ClientSampleId :
121218-JETT-F-U-BRE

Tot Ion:188 Resp: 375424
Ion Ratio Lower Upper
188 100
94 7.8 9.6 14.4#
80 8.4 9.8 14.6#

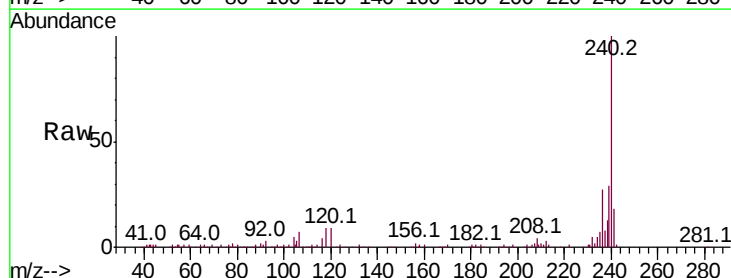


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

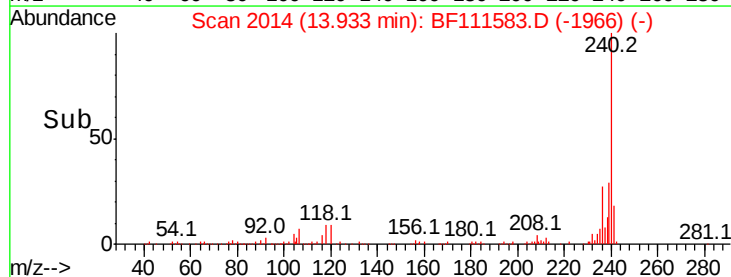
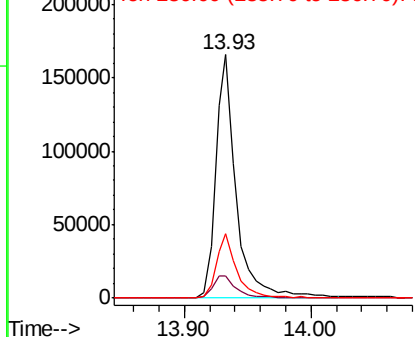


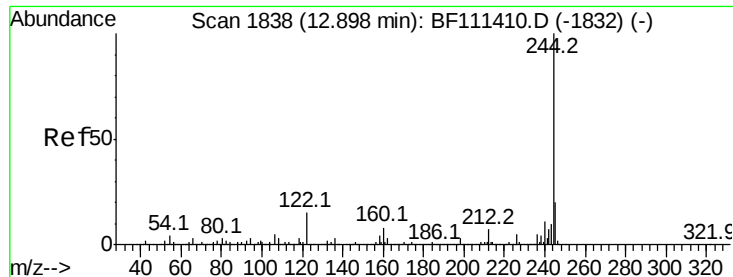
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.02 min
Lab File: BF111583.D
Acq: 18 Dec 2018 18:50

Tgt Ion:240 Resp: 187022
Ion Ratio Lower Upper
240 100
120 9.2 12.2 18.2#
236 26.6 20.2 30.2



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

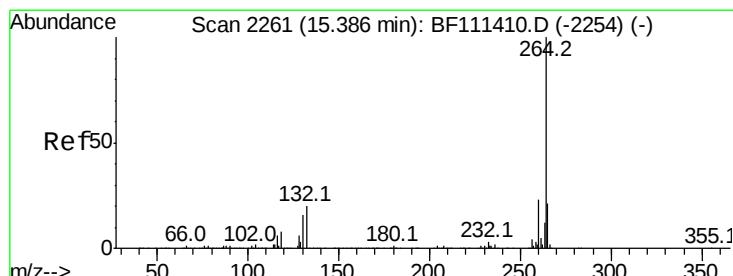
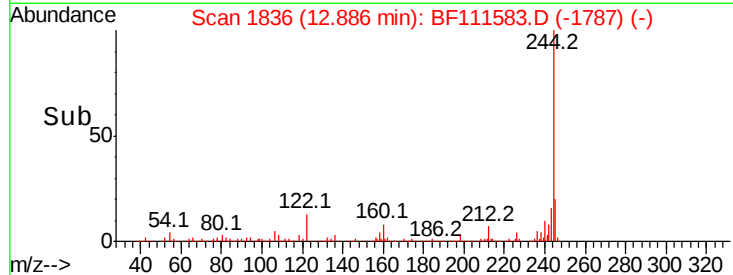
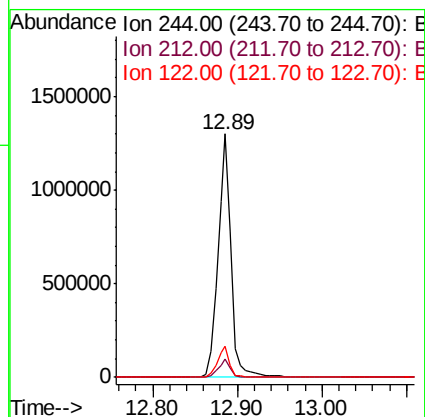
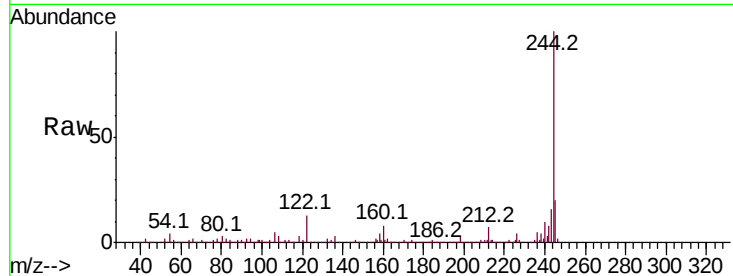




#79
 Terphenyl-d14
 Concen: 179.650 ng
 RT: 12.89 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BF111583.D
 Acq: 18 Dec 2018 18:50

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Tot Ion:244 Resp: 1430796
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 12.9 13.1 19.7#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.36 min Scan# 2257
 Delta R.T. -0.02 min
 Lab File: BF111583.D
 Acq: 18 Dec 2018 18:50

Tgt Ion:264 Resp: 27217
 Ion Ratio Lower Upper
 264 100
 260 30.5 18.3 27.5#
 265 20.1 17.7 26.5

