

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 00:00:23 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

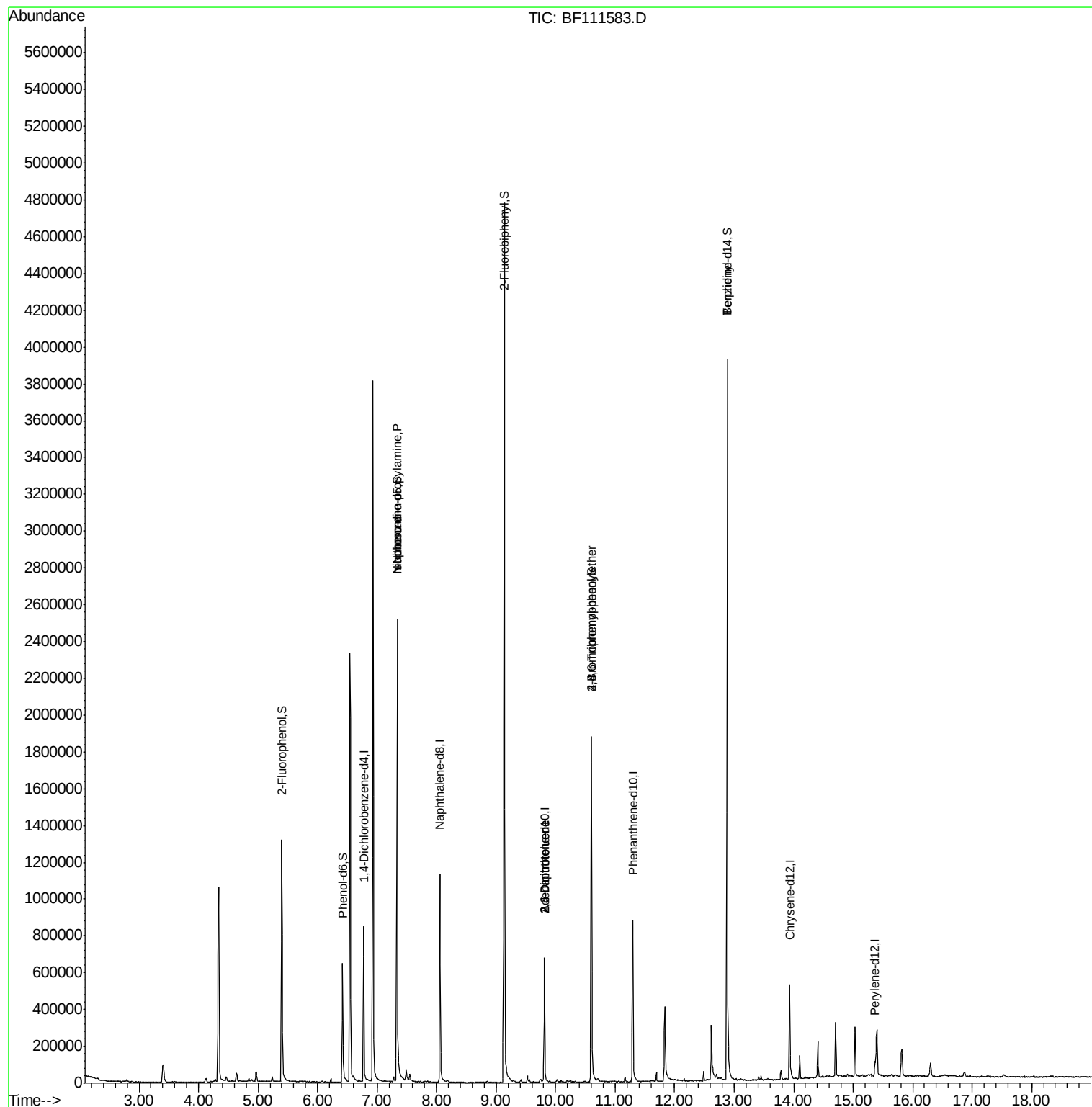
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	134739	20.00	ng	-0.02
21) Naphthalene-d8	8.06	136	546689	20.00	ng	-0.02
39) Acenaphthene-d10	9.81	164	124786	20.00	ng	-0.02
64) Phenanthrene-d10	11.30	188	375424	20.00	ng	-0.02
76) Chrysene-d12	13.93	240	187022	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						
19) n-Nitroso-di-n-propylamine	7.34	70	127597	17.957	ng	# 78
25) Isophorone	7.34	82	959405	61.763	ng	# 64
51) 2,6-Dinitrotoluene	9.81	165	16536	8.175	ng	# 31
57) 2,4-Dinitrotoluene	9.81	165	16536	6.228	ng	# 26
67) 4-Bromophenyl-phenylether	10.60	248	15287	3.778	ng	# 1
77) Benzidine	12.89	184	18145	2.639	ng	97

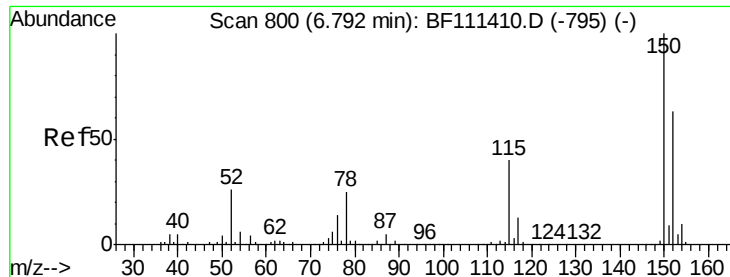
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121818\
Data File : BF111583.D
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Quant Time: Dec 19 00:00:23 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

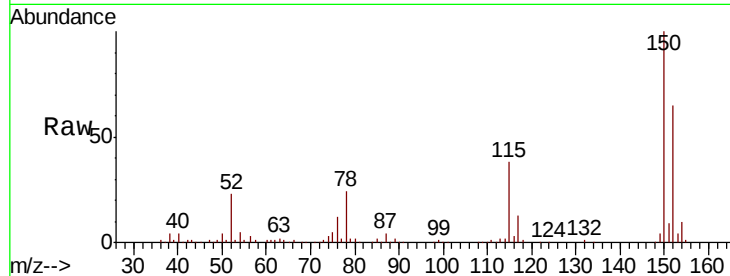




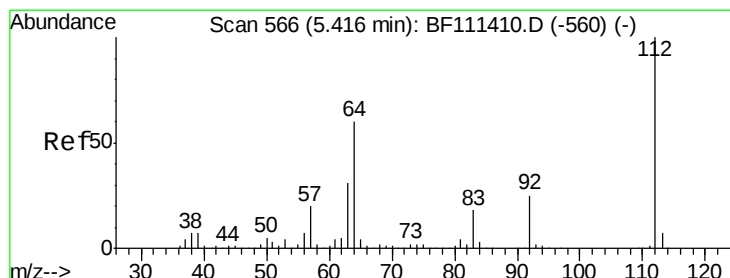
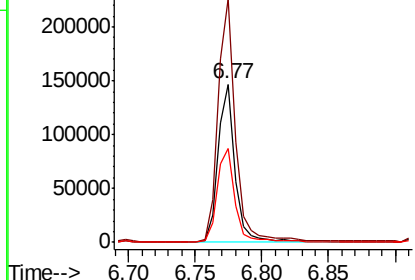
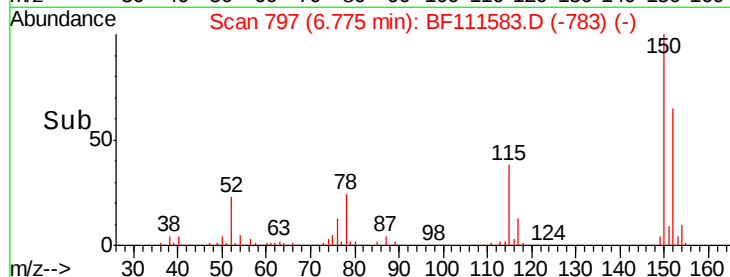
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 797
 Delta R.T. -0.02 min
 Lab File: BF111583.D
 Acq: 18 Dec 2018 18:50

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

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

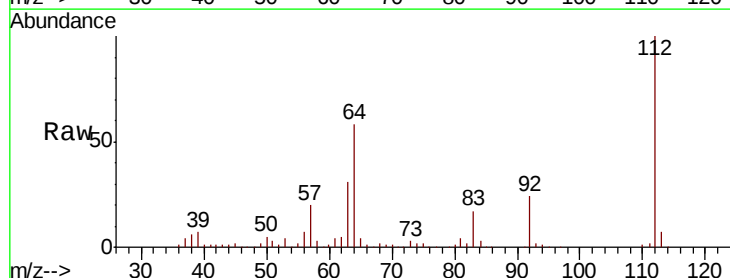


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

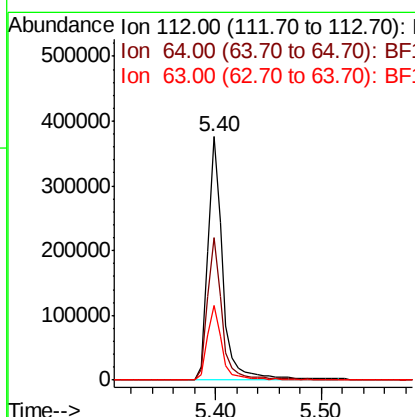
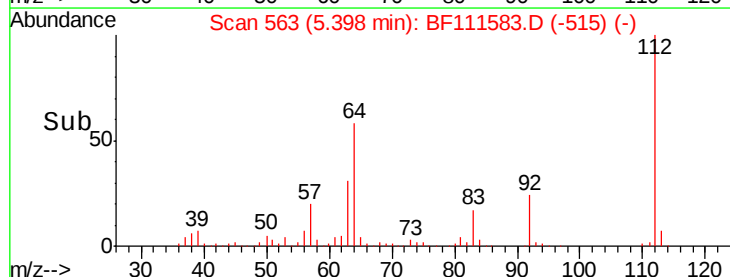


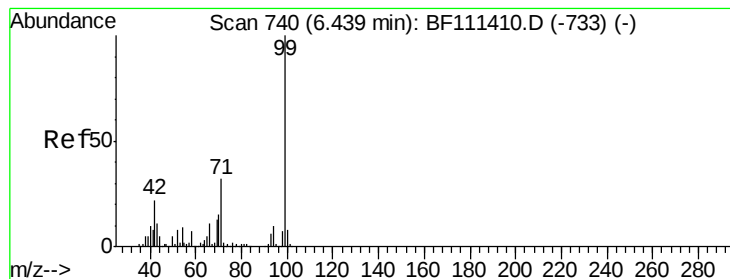
#5
 2-Fluorophenol
 Concen: 45.599 ng
 RT: 5.40 min Scan# 563
 Delta R.T. -0.02 min
 Lab File: BF111583.D
 Acq: 18 Dec 2018 18:50

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

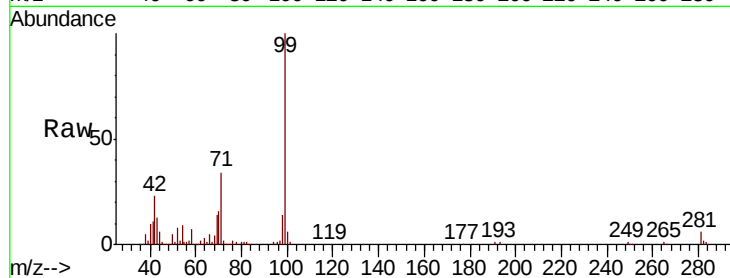
Tgt Ion: 99 Resp: 193023

Ion Ratio Lower Upper

99 100

42 23.1 17.4 26.0

71 33.7 26.1 39.1

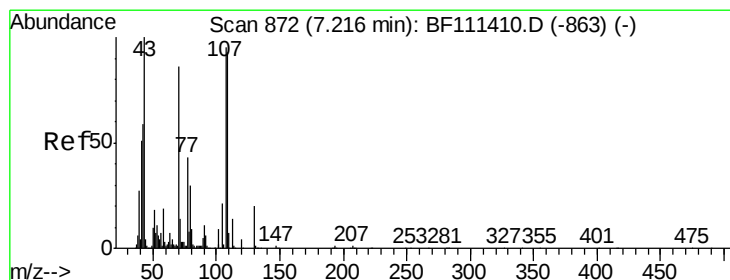
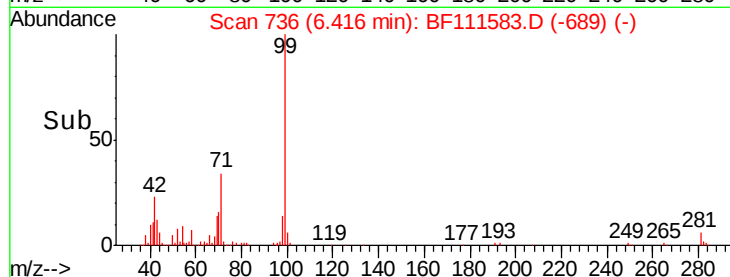
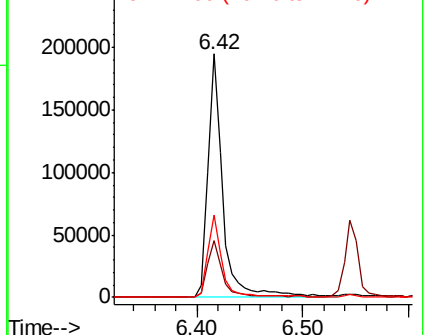


Abundance

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



#19

n-Nitroso-di-n-propylamine

Concen: 17.957 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.12 min

Lab File: BF111583.D

Acq: 18 Dec 2018 18:50

Tgt Ion: 70 Resp: 127597

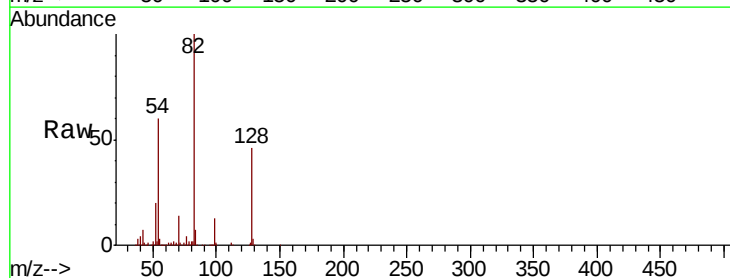
Ion Ratio Lower Upper

70 100

42 55.2 53.2 79.8

101 0.0 8.2 12.4#

130 2.3 18.1 27.1#



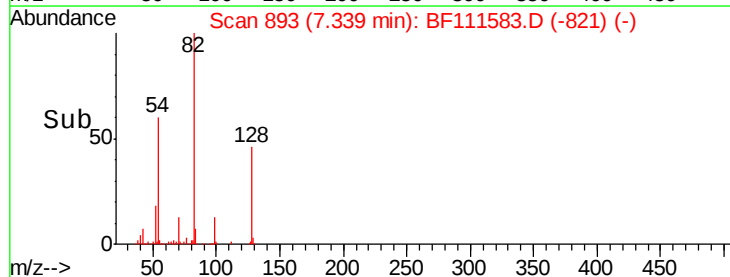
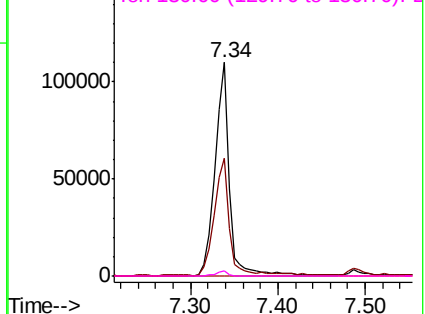
Abundance

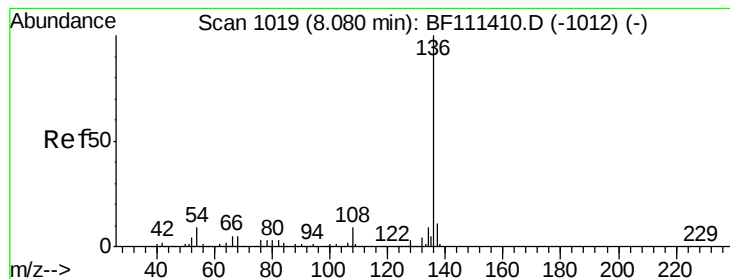
Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): 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

Instrument :

BNA_F

ClientSampleId :

121218-JETT-F-U-BRE

Tgt Ion:136 Resp: 546689

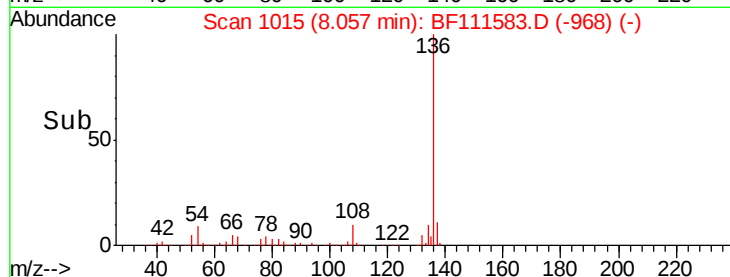
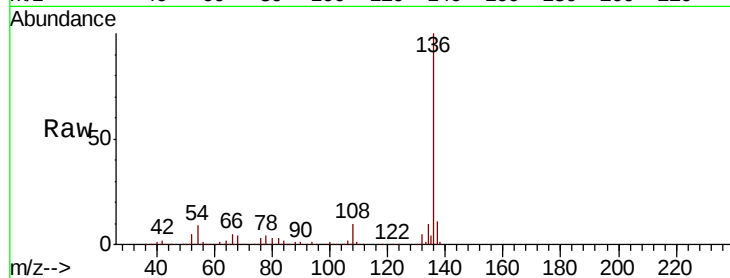
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 9.2 7.7 11.5

68 4.3 4.9 7.3#

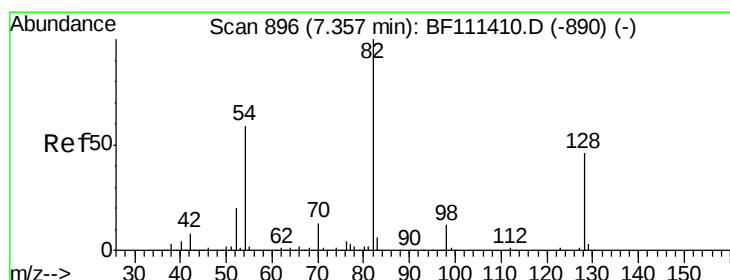
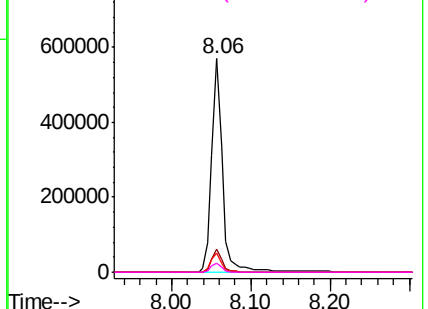


Abundance Ion 136.00 (135.70 to 136.70): E

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

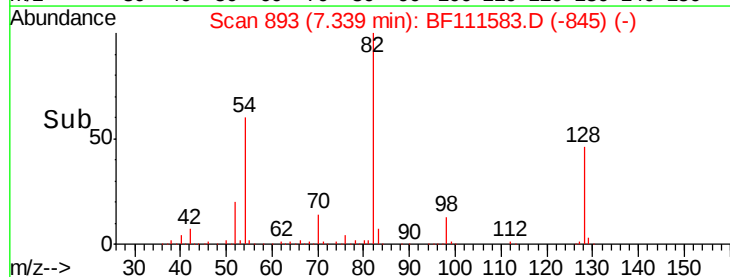
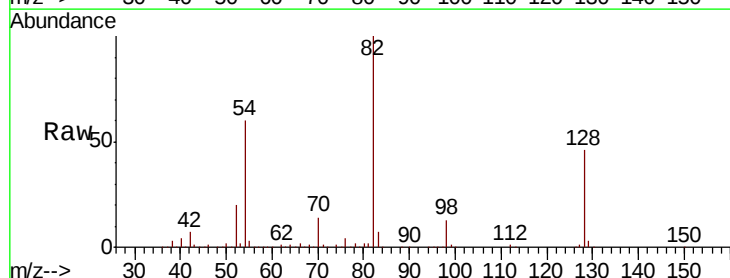
Tgt Ion: 82 Resp: 959412

Ion Ratio Lower Upper

82 100

128 46.4 37.4 56.2

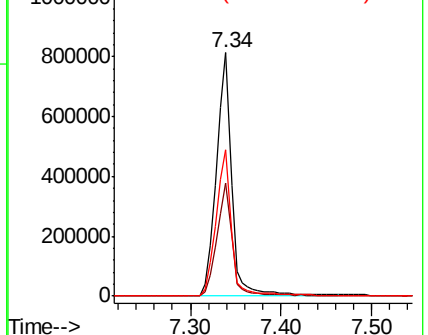
54 60.3 47.6 71.4

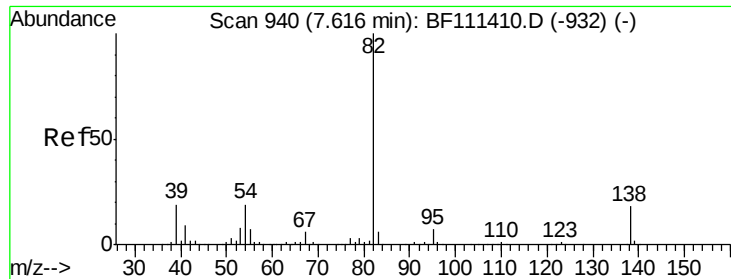


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 61.763 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.28 min

Lab File: BF111583.D

Acq: 18 Dec 2018 18:50

Instrument :

BNA_F

ClientSampleId :

121218-JETT-F-U-BRE

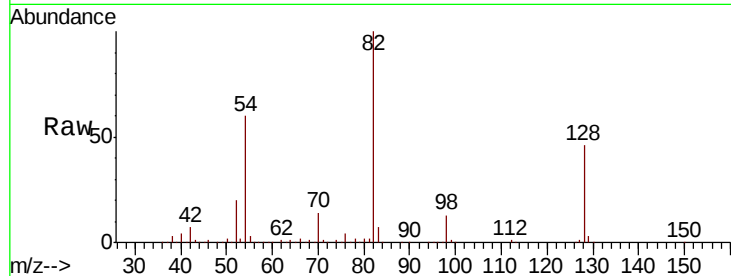
Tgt Ion: 82 Resp: 959405

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

138 0.0 15.1 22.7#

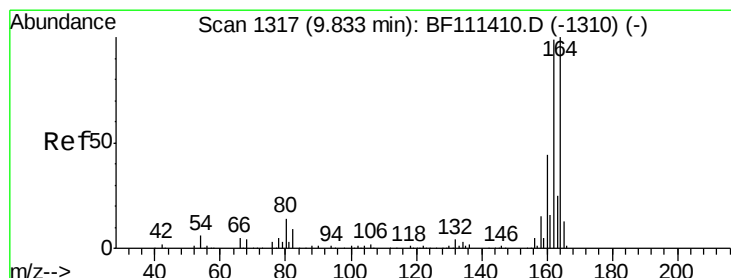
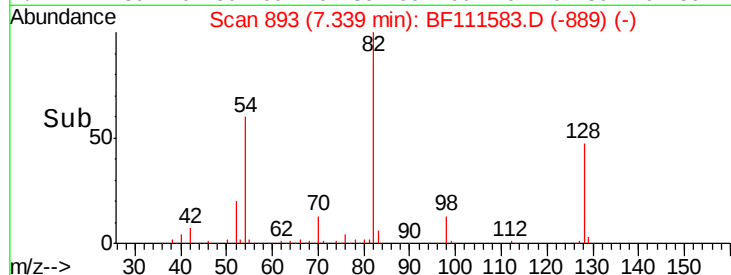
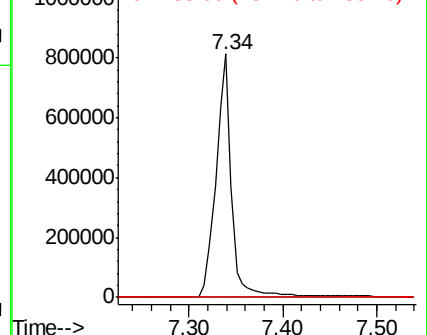


Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): 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

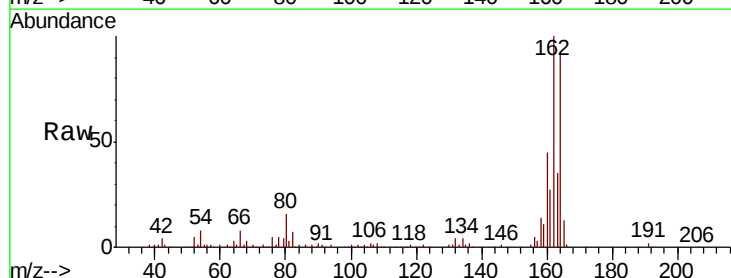
Tgt Ion: 164 Resp: 124786

Ion Ratio Lower Upper

164 100

162 108.8 81.4 122.0

160 49.3 35.7 53.5

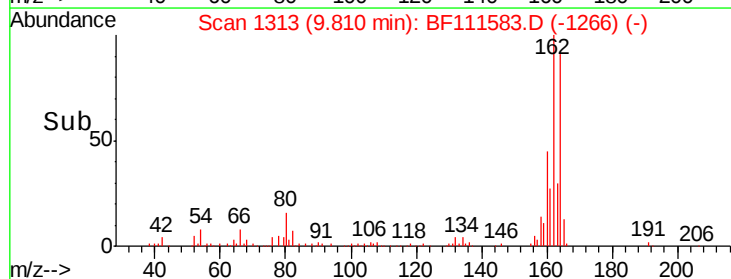
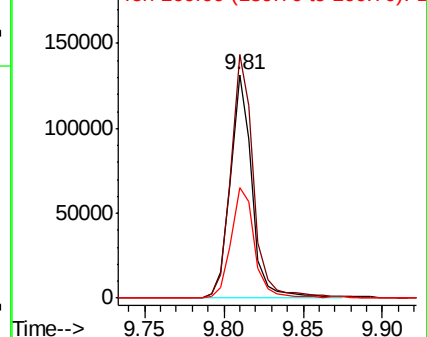


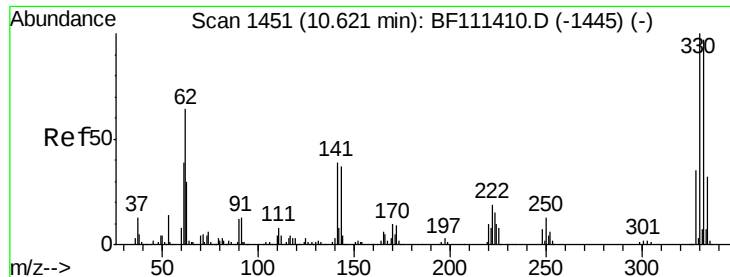
Abundance

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

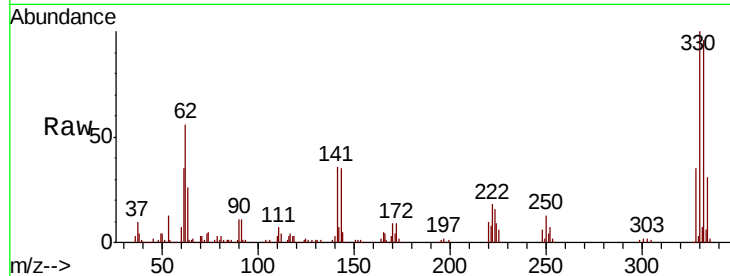




#42
 2,4,6-Tribromophenol
 Concen: 204.528 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.02 min
 Lab File: BF111583.D
 Acq: 18 Dec 2018 18:50

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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.0	114.0
141	42.5	31.0	46.6

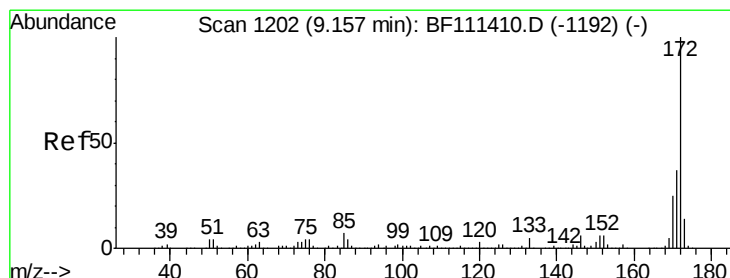
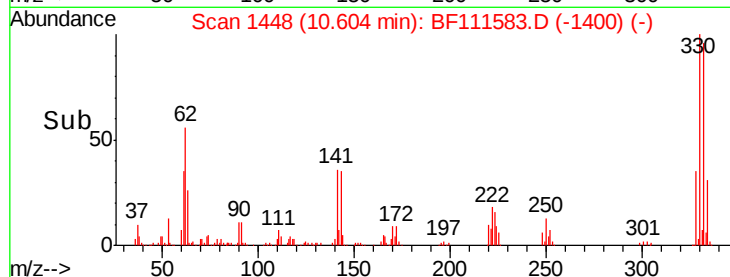
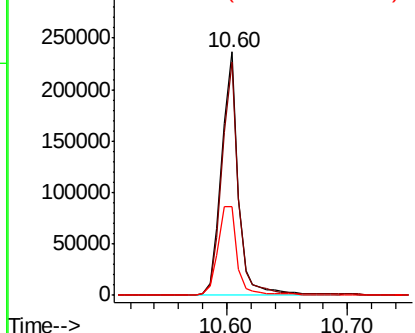


Abundance

Ion 329.80 (329.50 to 330.50): E

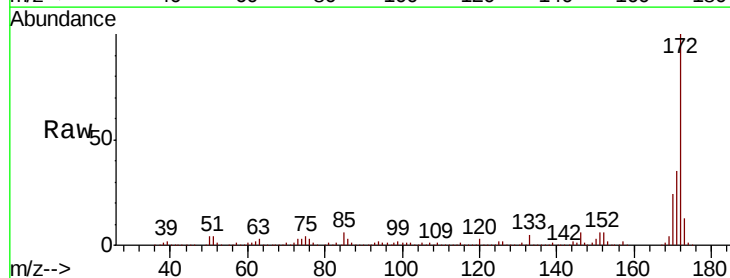
Ion 331.80 (331.50 to 332.50): E

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	Ratio	Lower	Upper
172	100		
171	35.2	33.0	49.4
170	23.9	22.3	33.5

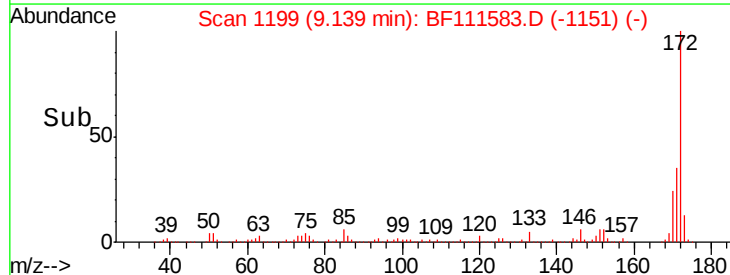
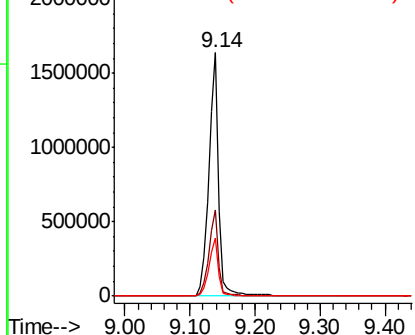


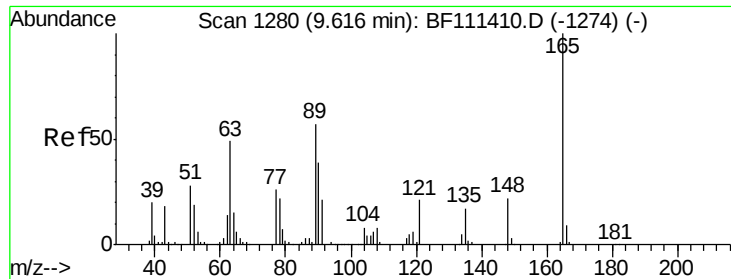
Abundance

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

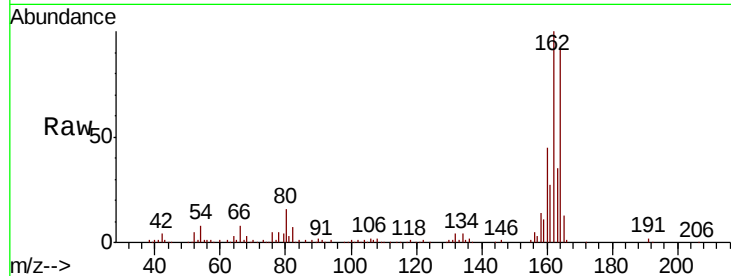




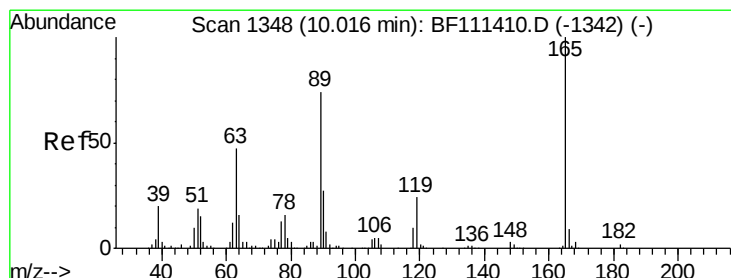
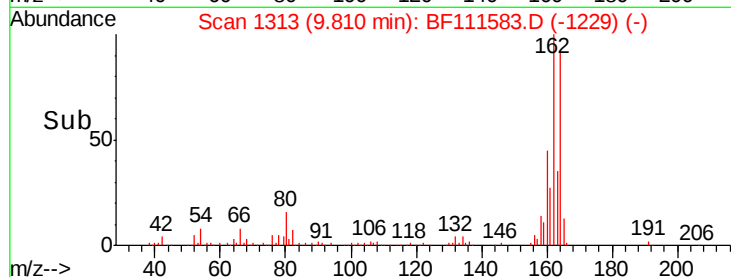
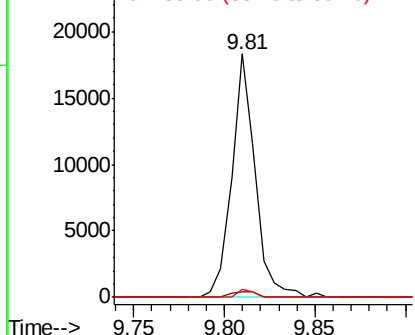
#51
 2,6-Dinitrotoluene
 Concen: 8.175 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. 0.19 min
 Lab File: BF111583.D
 Acq: 18 Dec 2018 18:50

Instrument :
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 121218-JETT-F-U-BRE

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.1	40.5	60.7#
89	3.3	40.0	60.0#



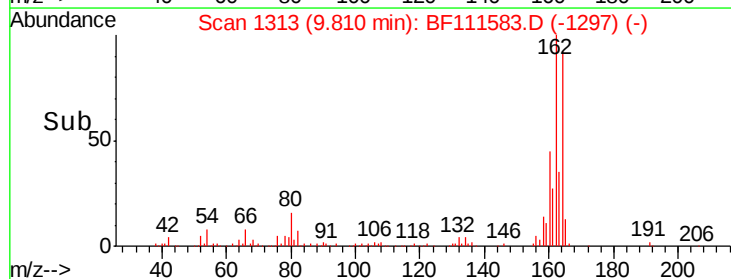
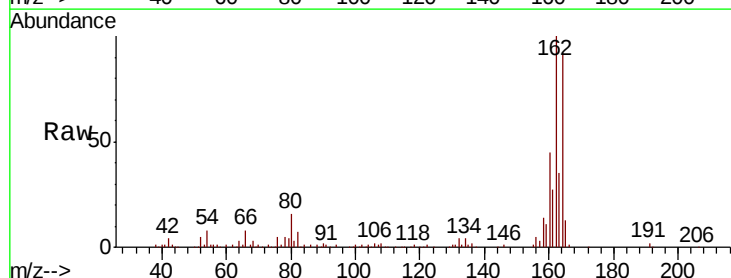
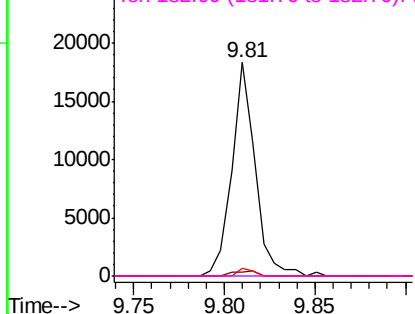
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

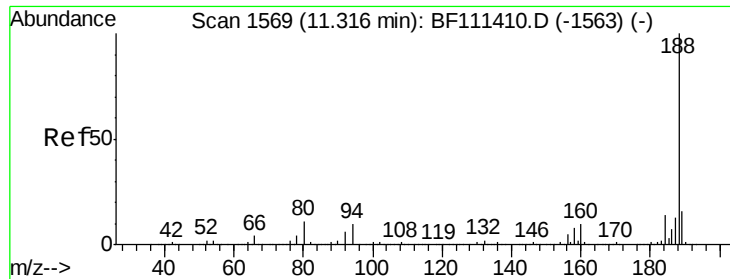


#57
 2,4-Dinitrotoluene
 Concen: 6.228 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.21 min
 Lab File: BF111583.D
 Acq: 18 Dec 2018 18:50

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.1	34.6	52.0#
89	3.3	56.2	84.4#
182	0.0	1.8	2.6#

Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

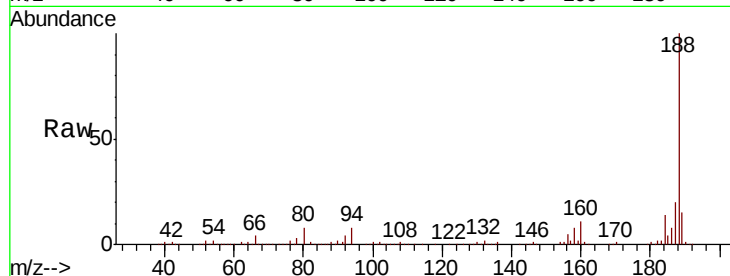




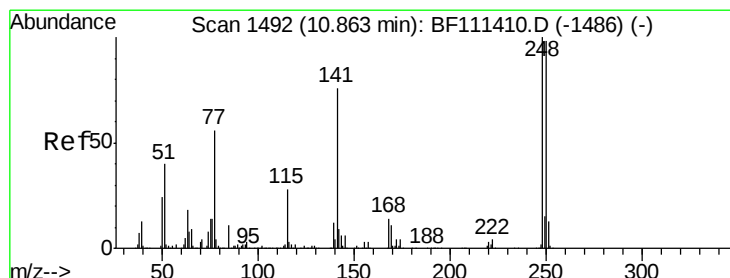
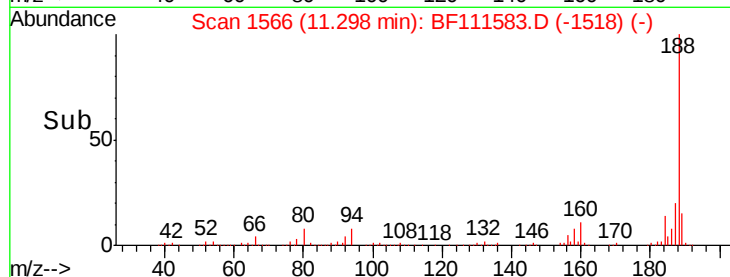
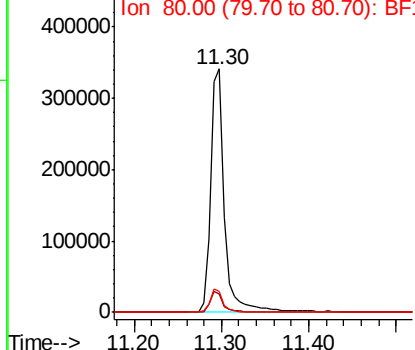
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.02 min
Lab File: BF111583.D
Acq: 18 Dec 2018 18:50

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

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

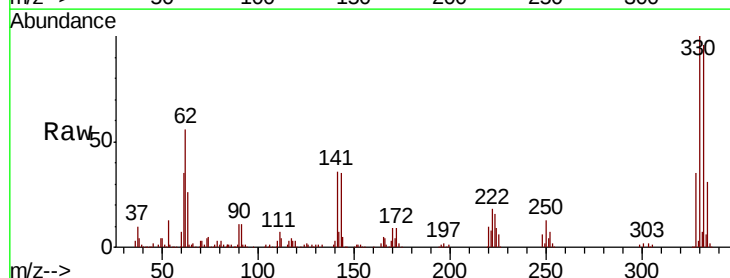


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

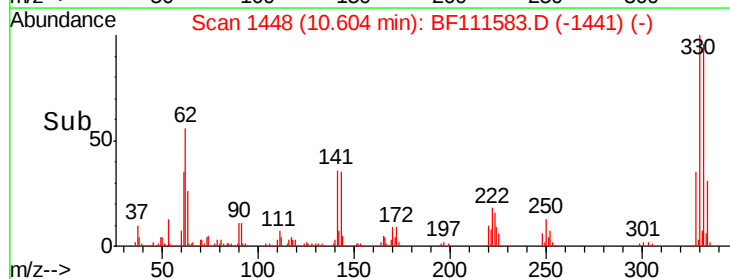
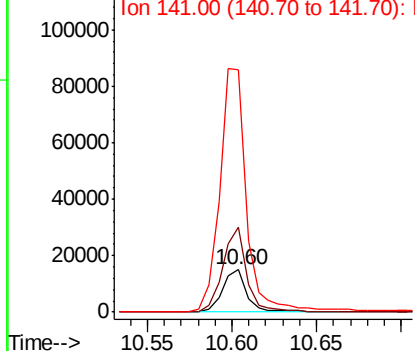


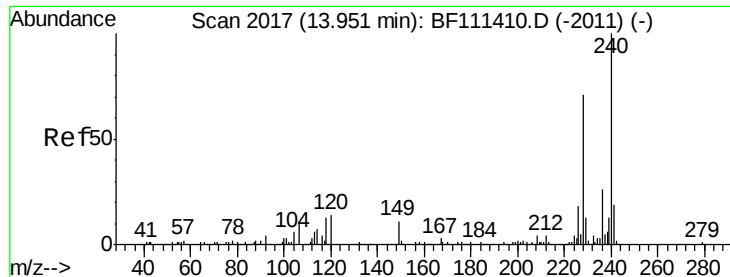
#67
4-Bromophenyl-phenylether
Concen: 3.778 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.26 min
Lab File: BF111583.D
Acq: 18 Dec 2018 18:50

Tgt Ion:248 Resp: 15287
Ion Ratio Lower Upper
248 100
250 198.9 77.0 115.4#
141 572.8 63.0 94.6#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

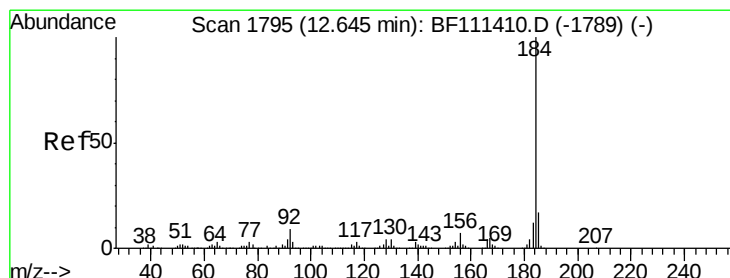
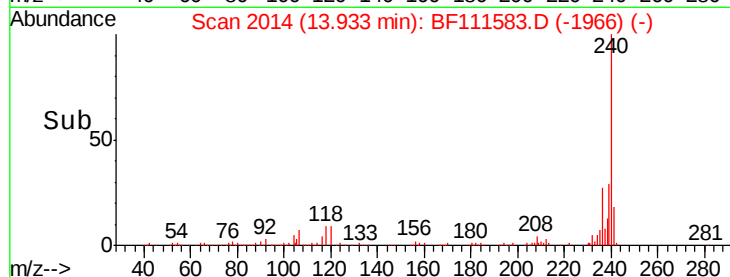
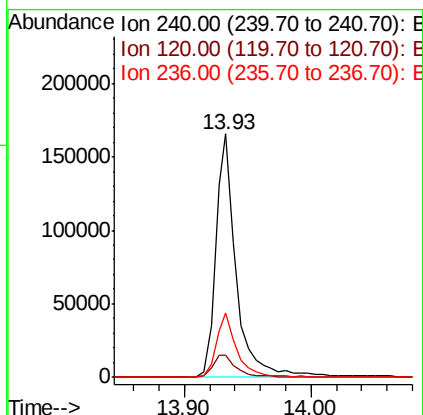
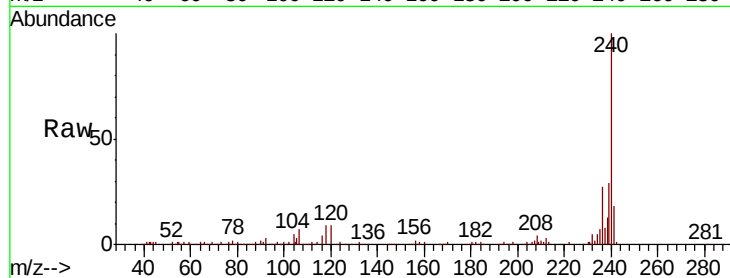




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.02 min
Lab File: BF111583.D
Acq: 18 Dec 2018 18:50

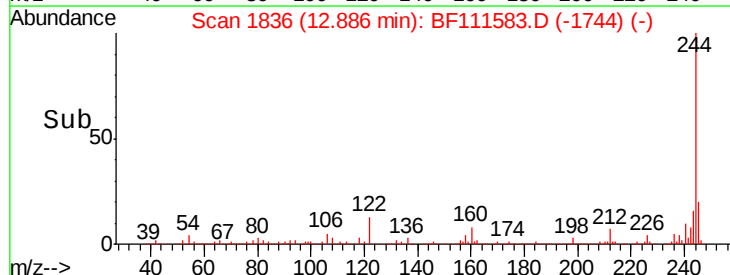
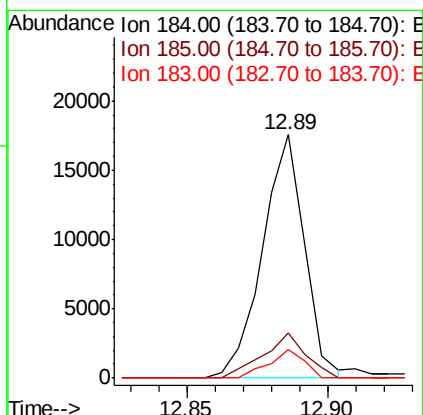
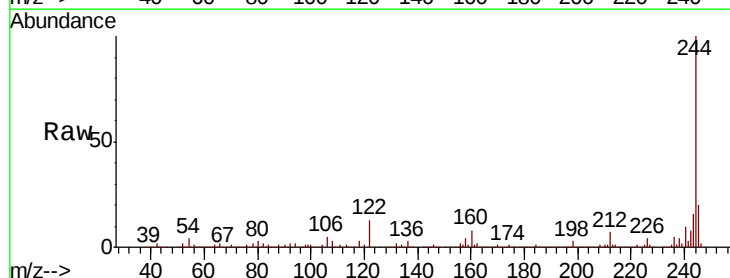
Instrument :
BNA_F
ClientSampleId :
121218-JETT-F-U-BRE

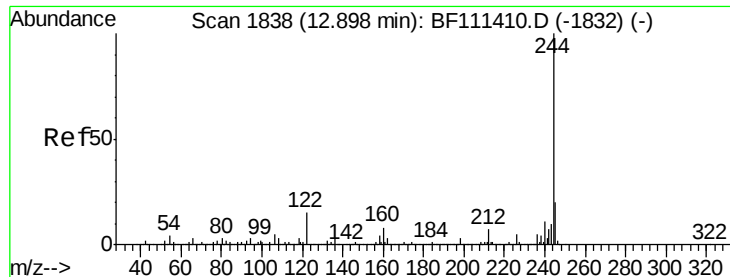
Tgt Ion:240 Resp: 187022
Ion Ratio Lower Upper
240 100
120 9.2 12.2 18.2#
236 26.6 20.2 30.2



#77
Benzidine
Concen: 2.639 ng
RT: 12.89 min Scan# 1836
Delta R.T. 0.24 min
Lab File: BF111583.D
Acq: 18 Dec 2018 18:50

Tgt Ion:184 Resp: 18145
Ion Ratio Lower Upper
184 100
185 18.4 13.0 19.6
183 11.8 9.3 13.9





#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

Instrument :

BNA_F

ClientSampleId :

121218-JETT-F-U-BRE

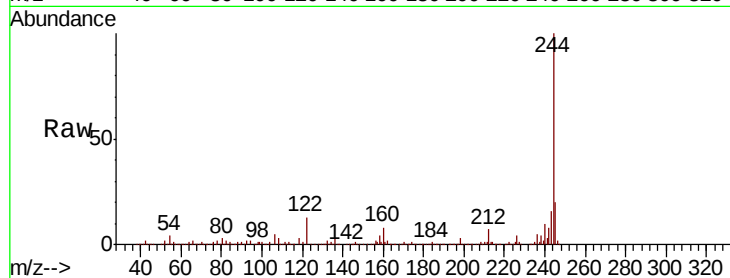
Tgt Ion:244 Resp: 1430796

Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

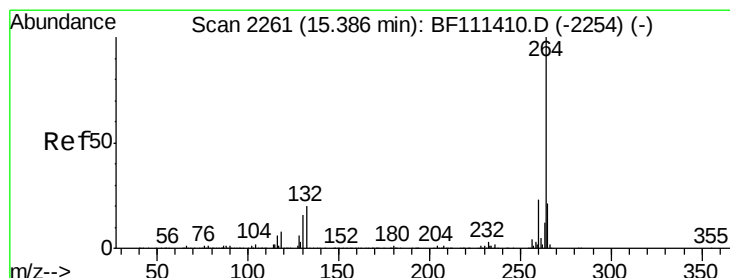
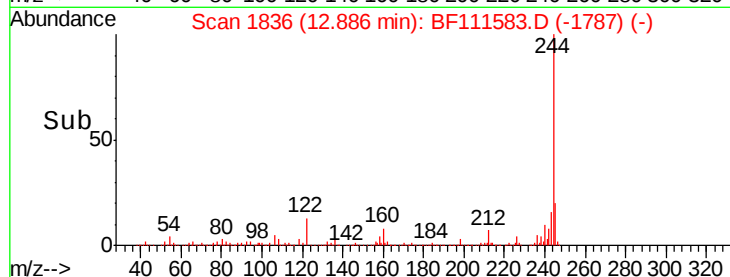
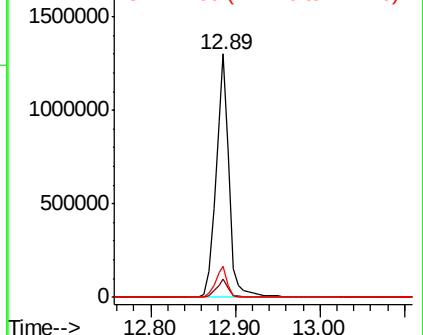
122 12.9 13.1 19.7#



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



#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

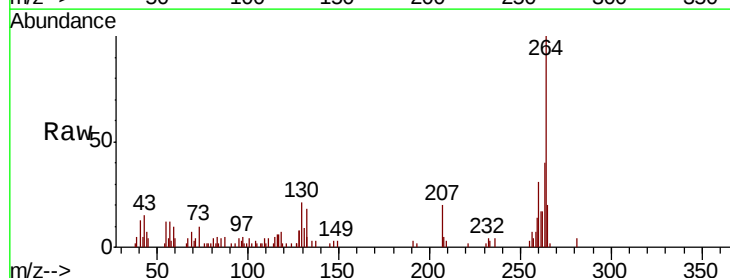
Tgt Ion:264 Resp: 27217

Ion Ratio Lower Upper

264 100

260 30.5 18.3 27.5#

265 20.1 17.7 26.5



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

