

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112818\
 Data File : BF111070.D
 Acq On : 29 Nov 2018 3:32
 Operator : JU/SJ
 Sample : J6078-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 112618-JETT-F-U-B

Quant Time: Nov 29 04:11:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 27 15:32:10 2018
 Response via : Initial Calibration

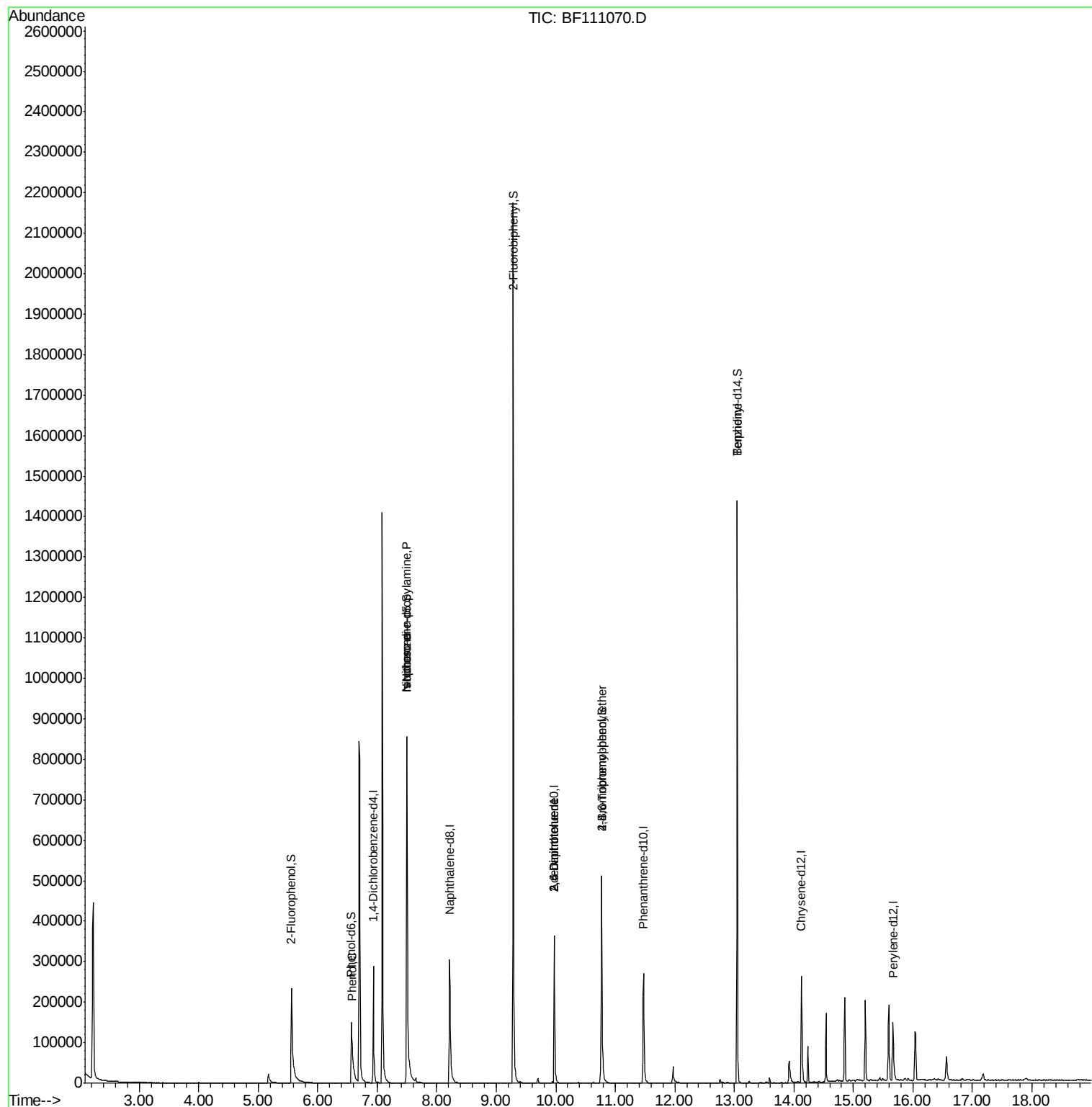
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	50948	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	212236	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	91381	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	139569	20.00	ng	0.00
76) Chrysene-d12	14.13	240	112751	20.00	ng	0.00
87) Perylene-d12	15.66	264	90559	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	137822	44.86	ng	0.00
7) Phenol-d6	6.57	99	103730	25.91	ng	0.00
23) Nitrobenzene-d5	7.50	82	371567	100.20	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	73101	80.55	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	666964	105.74	ng	0.00
79) Terphenyl-d14	13.05	244	464678	80.23	ng	0.00
Target Compounds						
10) Phenol	6.59	94	10096	2.239	ng	82
19) n-Nitroso-di-n-propylamine	7.50	70	48846	18.729	ng	# 78
25) Isophorone	7.50	82	371567	61.081	ng	# 67
51) 2,6-Dinitrotoluene	9.97	165	11461	7.682	ng	# 21
57) 2,4-Dinitrotoluene	9.97	165	11461	5.921	ng	# 17
67) 4-Bromophenyl-phenylether	10.77	248	4341	2.856	ng	# 1
77) Benzidine	13.05	184	6283	2.179	ng	# 95

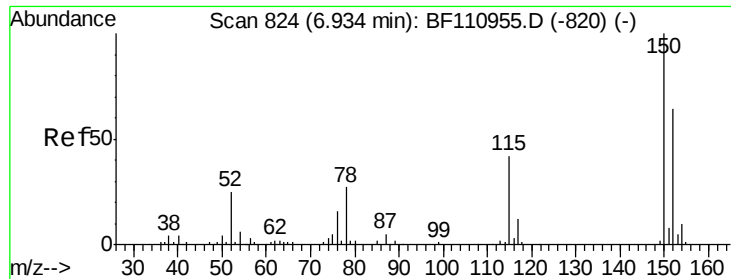
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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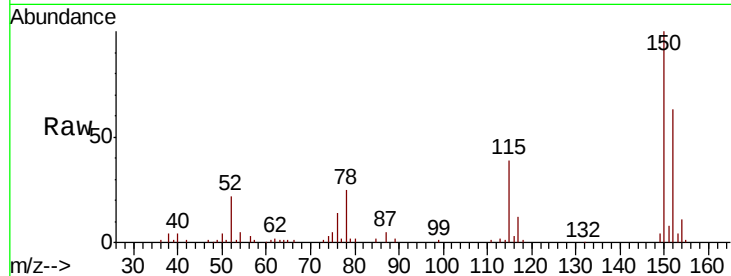




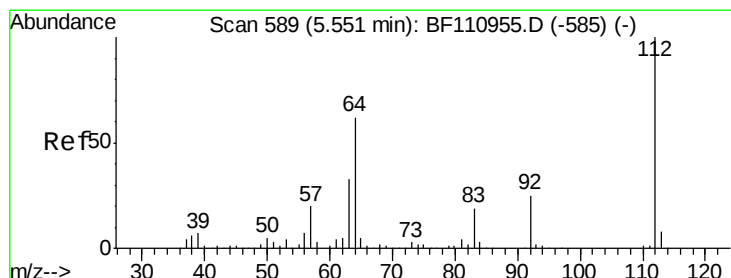
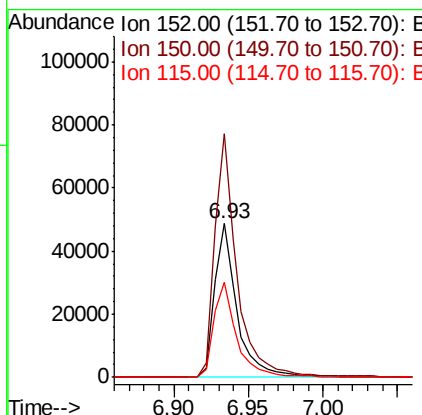
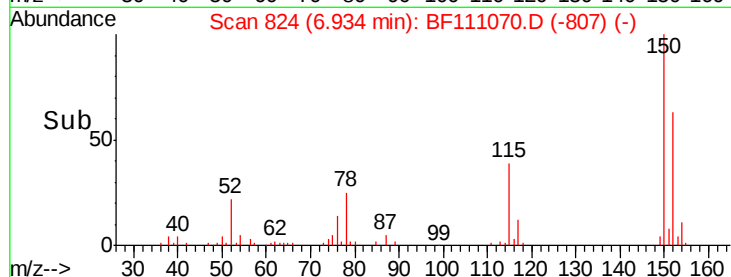
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.93 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BF111070.D
 Acq: 29 Nov 2018 3:32

Instrument :
 BNA_F
 ClientSampleId :
 112618-JETT-F-U-B

Tgt Ion:152 Resp: 50948
 Ion Ratio Lower Upper
 152 100
 150 158.2 122.7 184.1
 115 62.1 49.1 73.7

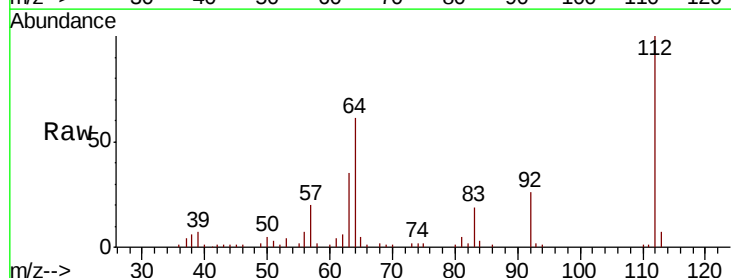


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

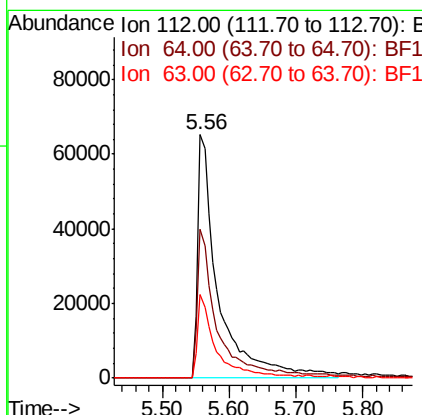
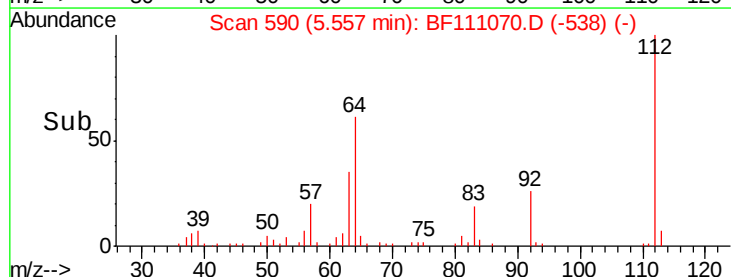


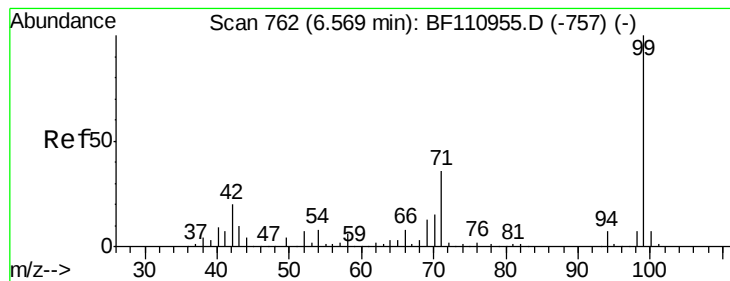
#5
 2-Fluorophenol
 Concen: 44.860 ng
 RT: 5.56 min Scan# 590
 Delta R.T. 0.01 min
 Lab File: BF111070.D
 Acq: 29 Nov 2018 3:32

Tgt Ion:112 Resp: 137822
 Ion Ratio Lower Upper
 112 100
 64 61.3 44.1 66.1
 63 34.6 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: 25.909 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF111070.D

Acq: 29 Nov 2018 3:32

Instrument :

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ClientSampleId :

112618-JETT-F-U-B

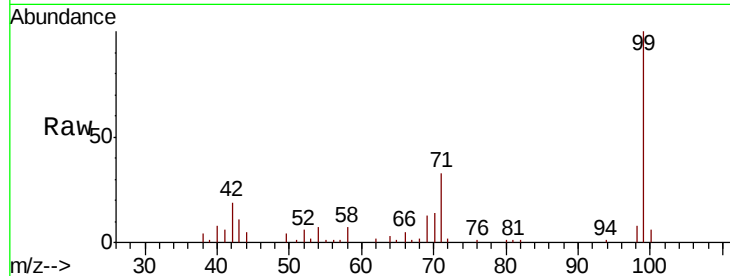
Tgt Ion: 99 Resp: 103730

Ion Ratio Lower Upper

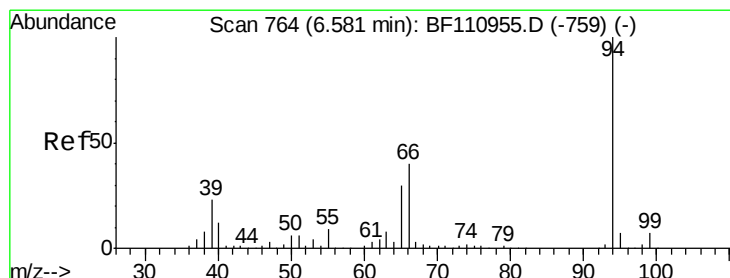
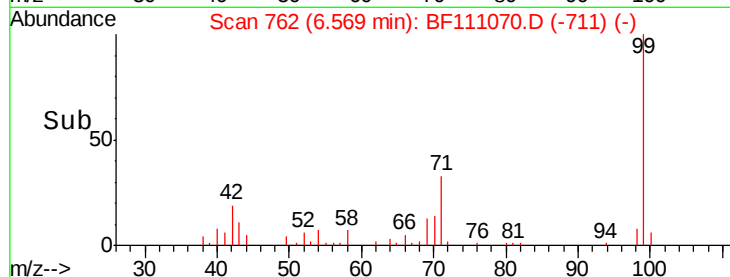
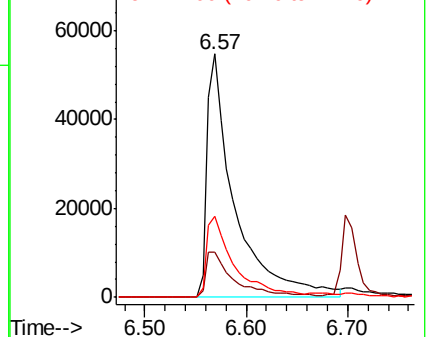
99 100

42 18.8 15.8 23.6

71 33.3 28.0 42.0



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



#10

Phenol

Concen: 2.239 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF111070.D

Acq: 29 Nov 2018 3:32

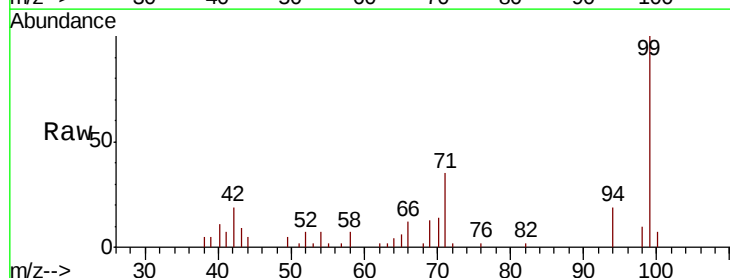
Tgt Ion: 94 Resp: 10096

Ion Ratio Lower Upper

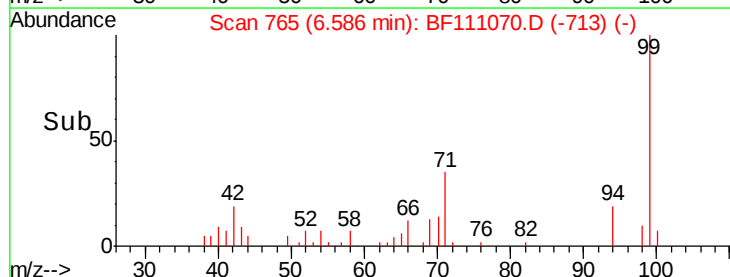
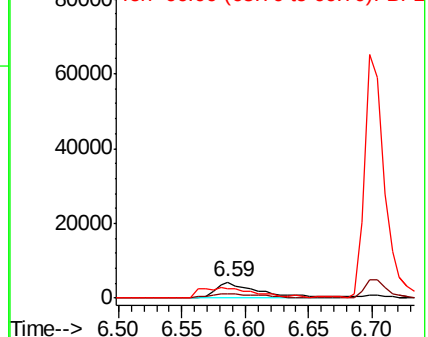
94 100

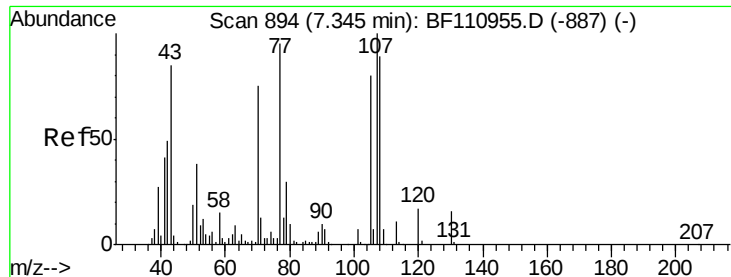
65 30.8 25.3 65.3

66 61.8 54.5 94.5



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

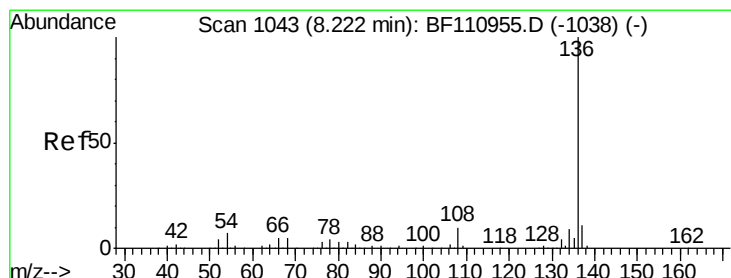
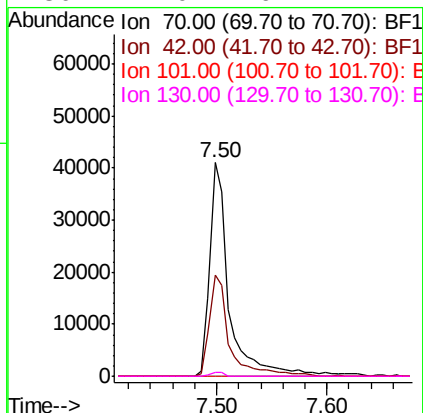
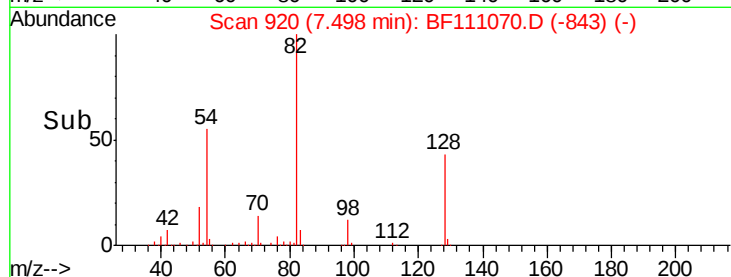
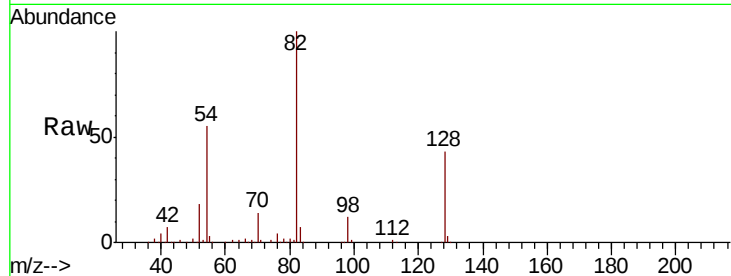




#19
n-Nitroso-di-n-propylamine
Concen: 18.729 ng
RT: 7.50 min Scan# 920
Delta R.T. 0.15 min
Lab File: BF111070.D
Acq: 29 Nov 2018 3:32

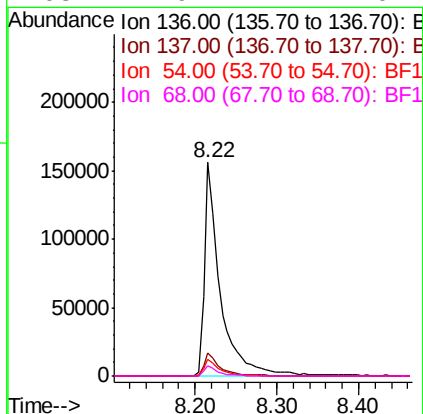
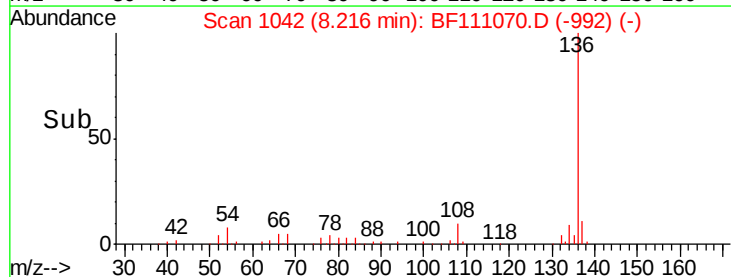
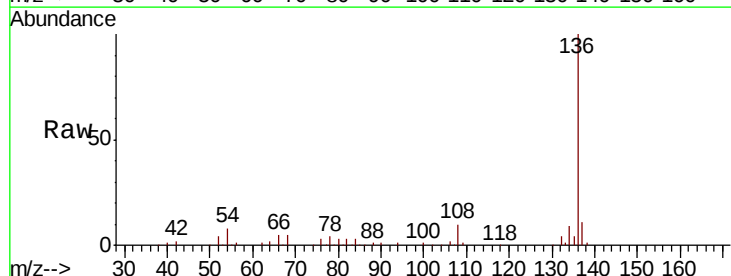
Instrument :
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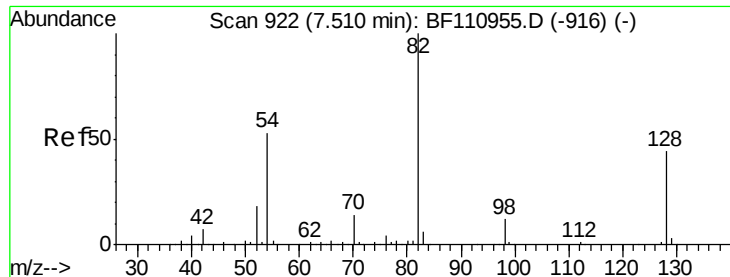
Tgt Ion: 70 Resp: 48846
Ion Ratio Lower Upper
70 100
42 47.5 47.4 71.2
101 0.0 7.3 10.9#
130 2.0 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF111070.D
Acq: 29 Nov 2018 3:32

Tgt Ion: 136 Resp: 212236
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.8 5.4 8.2
68 4.9 4.2 6.2

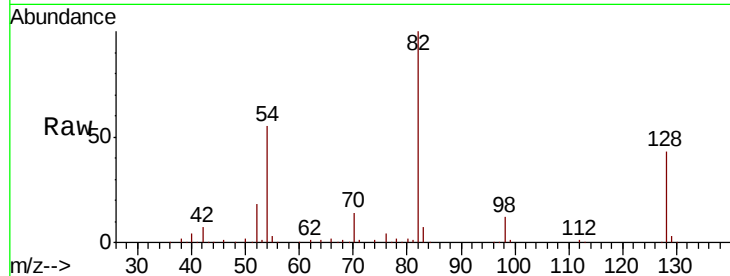




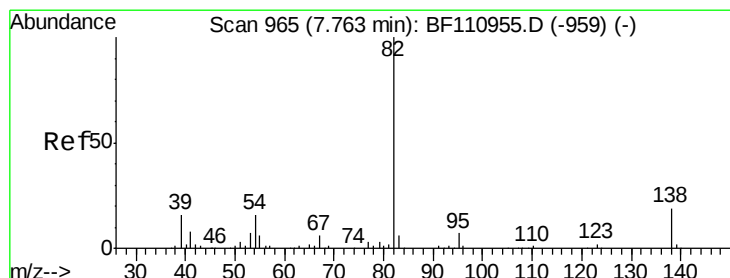
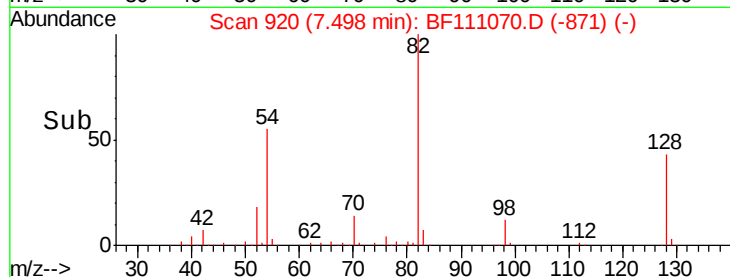
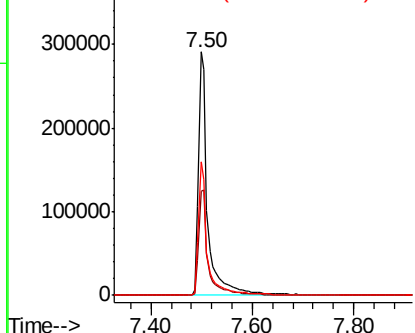
#23
Nitrobenzene-d5
Concen: 100.195 ng
RT: 7.50 min Scan# 920
Delta R.T. -0.01 min
Lab File: BF111070.D
Acq: 29 Nov 2018 3:32

Instrument :
BNA_F
ClientSampleId :
112618-JETT-F-U-B

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.2	51.2
54	54.6	38.6	58.0

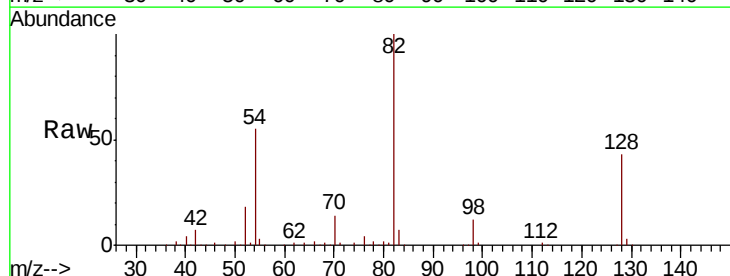


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

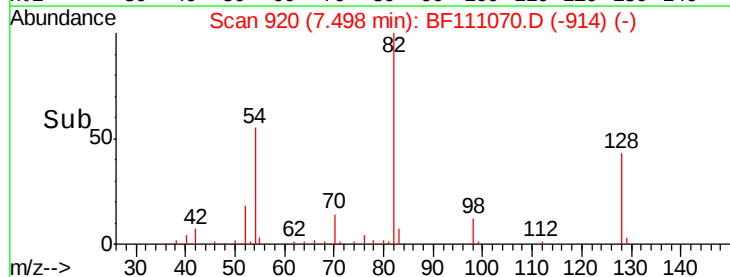
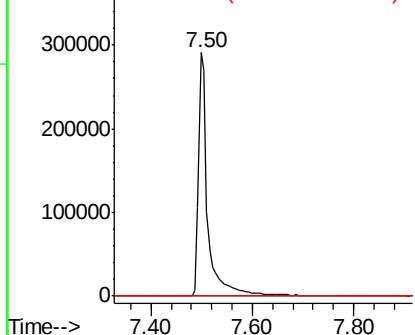


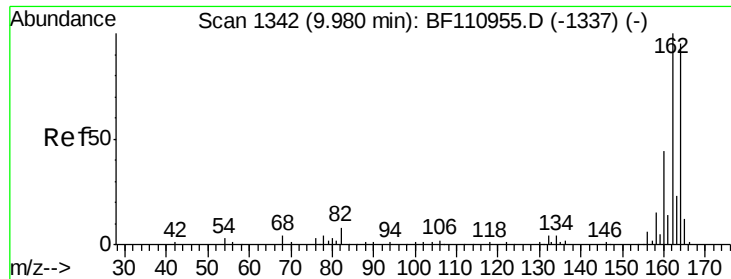
#25
Isophorone
Concen: 61.081 ng
RT: 7.50 min Scan# 920
Delta R.T. -0.26 min
Lab File: BF111070.D
Acq: 29 Nov 2018 3:32

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#



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: 9.97 min Scan# 1341

Delta R.T. -0.01 min

Lab File: BF111070.D

Acq: 29 Nov 2018 3:32

Instrument :

BNA_F

ClientSampleId :

112618-JETT-F-U-B

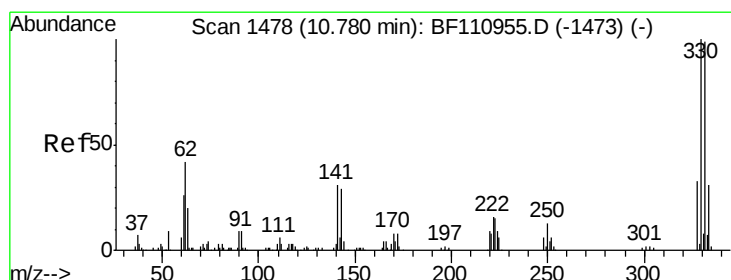
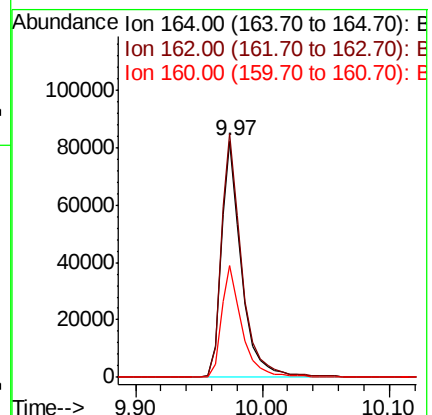
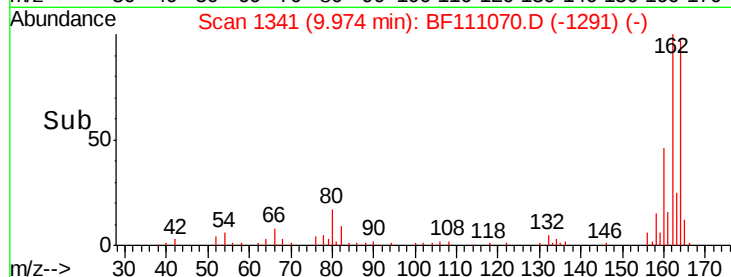
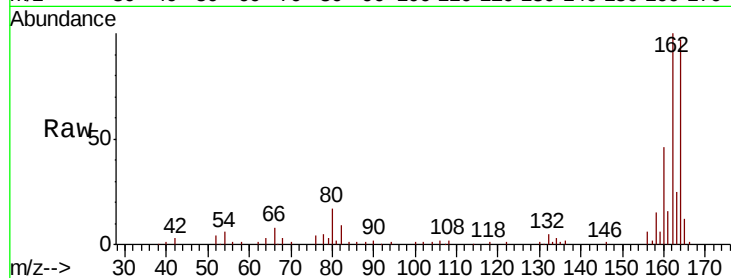
Tgt Ion:164 Resp: 91381

Ion Ratio Lower Upper

164 100

162 102.9 83.0 124.6

160 47.1 37.0 55.6



#42

2,4,6-Tribromophenol

Concen: 80.549 ng

RT: 10.77 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BF111070.D

Acq: 29 Nov 2018 3:32

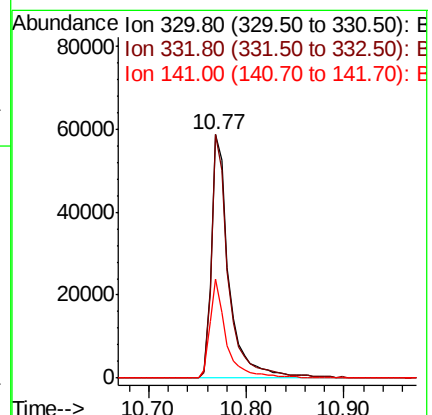
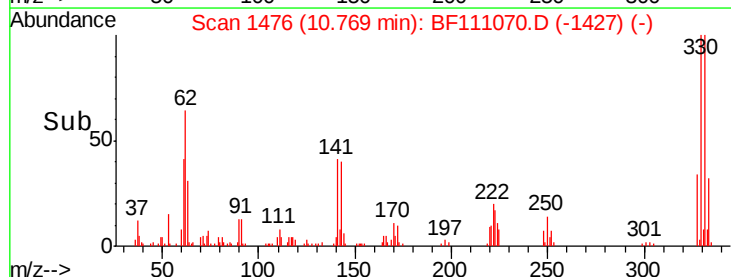
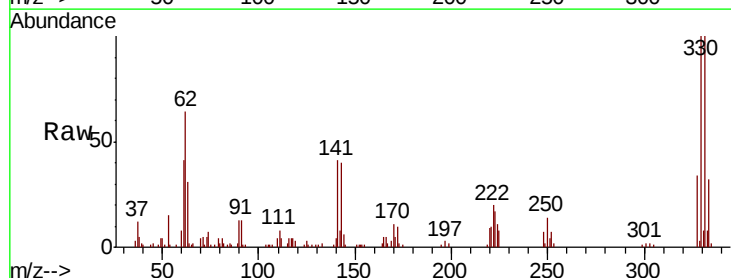
Tgt Ion:330 Resp: 73101

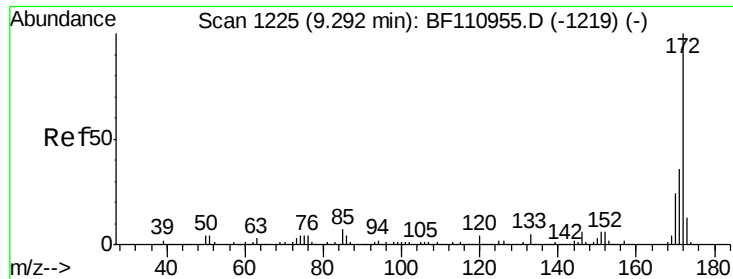
Ion Ratio Lower Upper

330 100

332 97.4 77.1 115.7

141 37.8 27.0 40.4

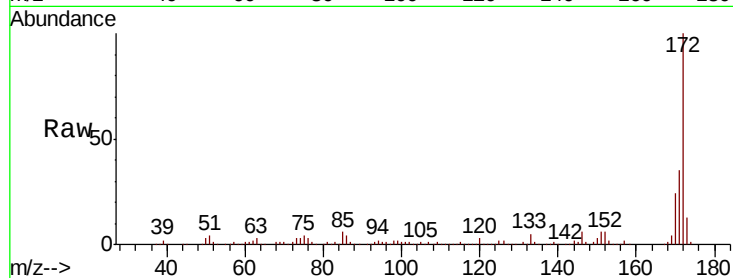




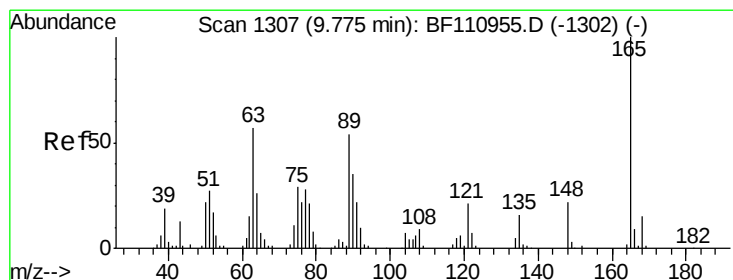
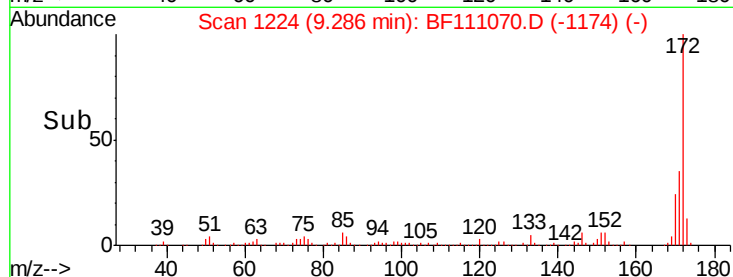
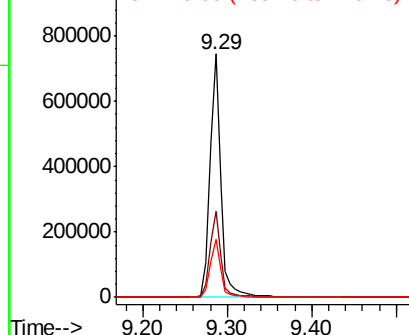
#45
 2-Fluorobiphenyl
 Concen: 105.742 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF111070.D
 Acq: 29 Nov 2018 3:32

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Tgt Ion:172 Resp: 666964
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 43.0
 170 23.7 19.7 29.5

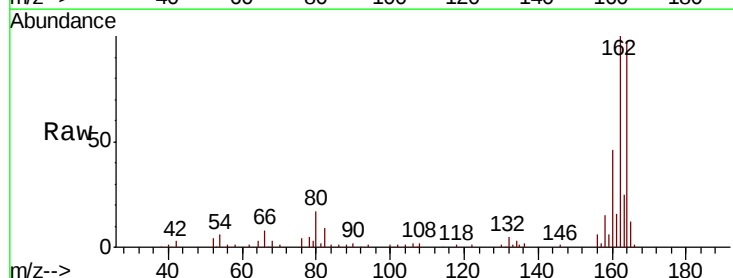


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

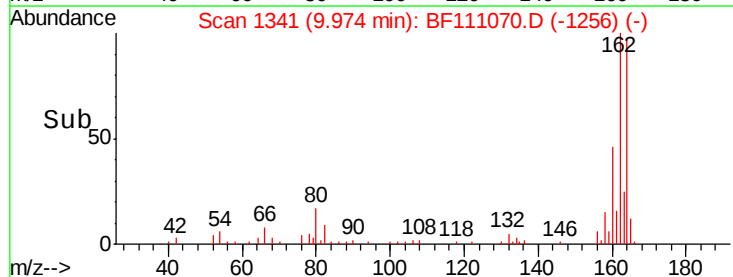
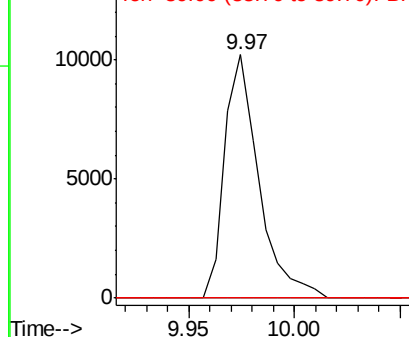


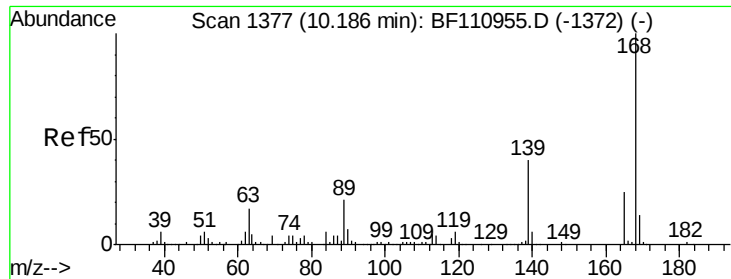
#51
 2,6-Dinitrotoluene
 Concen: 7.682 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. 0.20 min
 Lab File: BF111070.D
 Acq: 29 Nov 2018 3:32

Tgt Ion:165 Resp: 11461
 Ion Ratio Lower Upper
 165 100
 63 0.0 48.9 73.3#
 89 0.0 46.6 69.8#



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

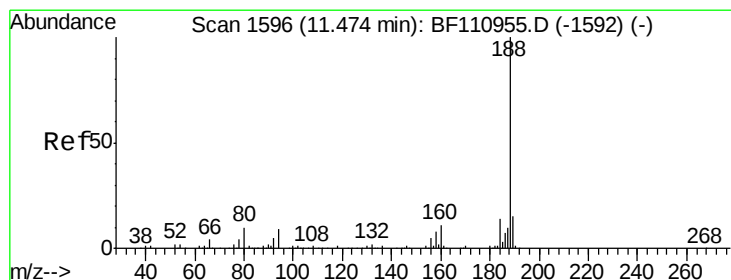
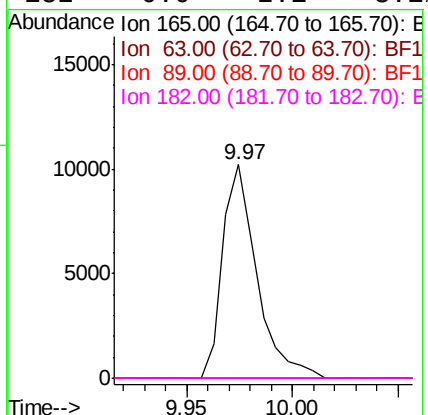
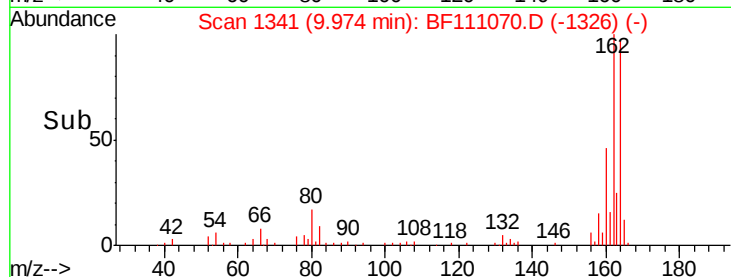
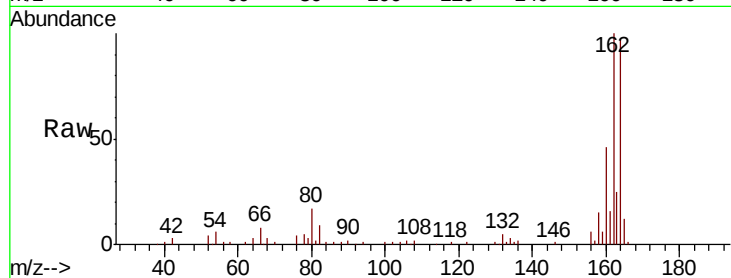




#57
 2,4-Dinitrotoluene
 Concen: 5.921 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.21 min
 Lab File: BF111070.D
 Acq: 29 Nov 2018 3:32

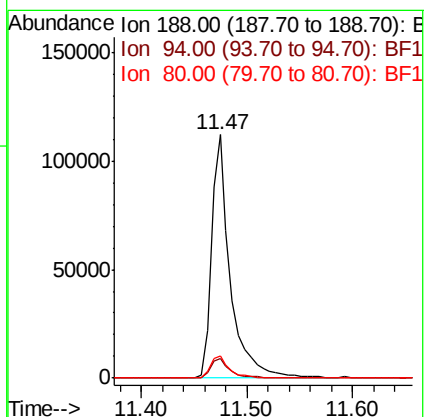
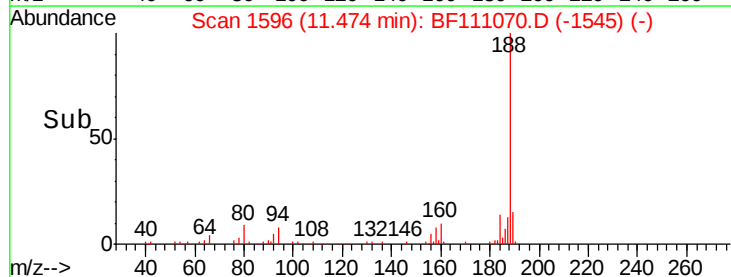
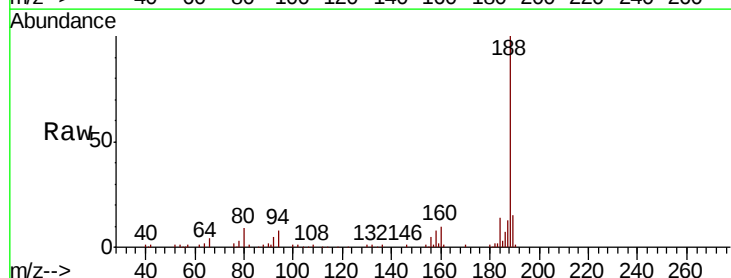
Instrument :
 BNA_F
 ClientSampleId :
 112618-JETT-F-U-B

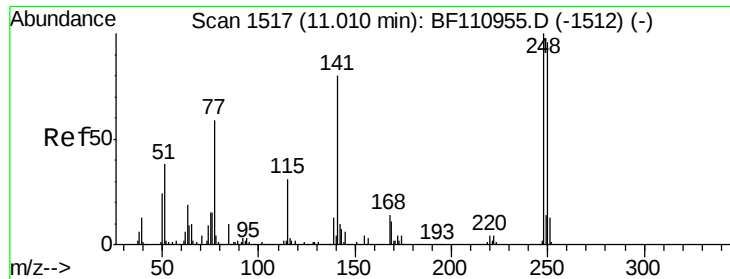
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BF111070.D
 Acq: 29 Nov 2018 3:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.2	10.8
80	9.1	7.9	11.9

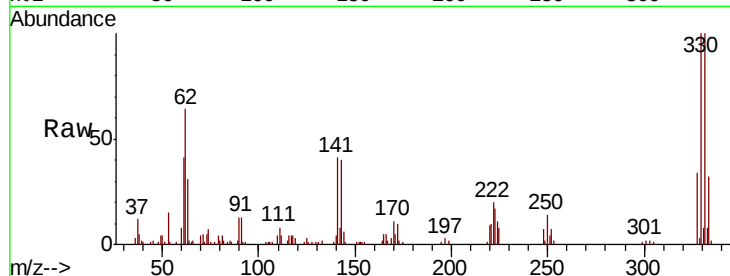




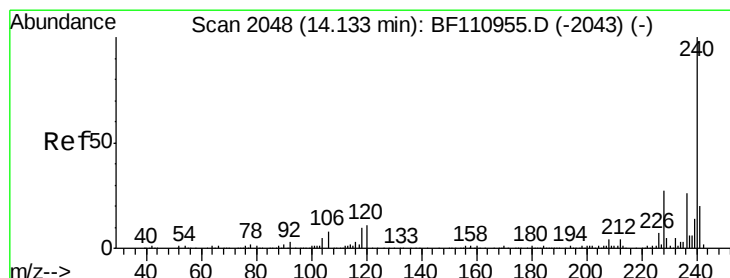
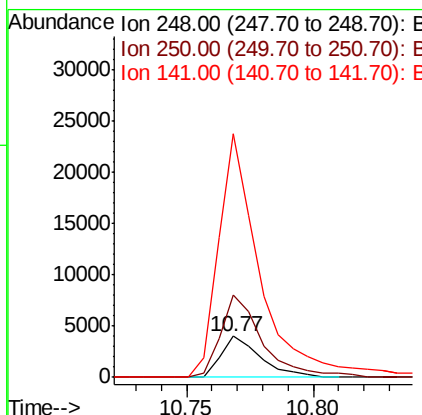
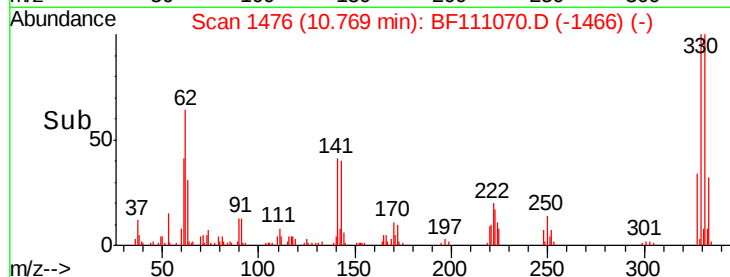
#67
 4-Bromophenyl-phenylether
 Concen: 2.856 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. -0.24 min
 Lab File: BF111070.D
 Acq: 29 Nov 2018 3:32

Instrument :
 BNA_F
 ClientSampleId :
 112618-JETT-F-U-B

Tgt Ion:248 Resp: 4341
 Ion Ratio Lower Upper
 248 100
 250 200.6 79.4 119.2#
 141 597.5 55.9 83.9#

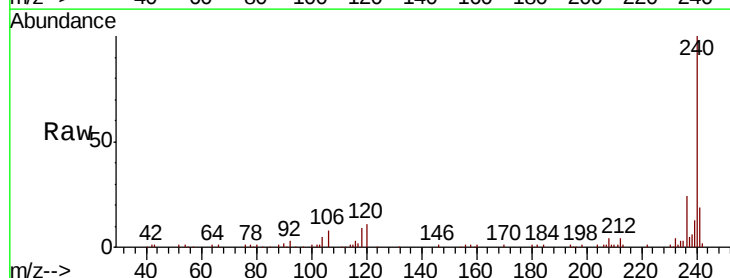


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

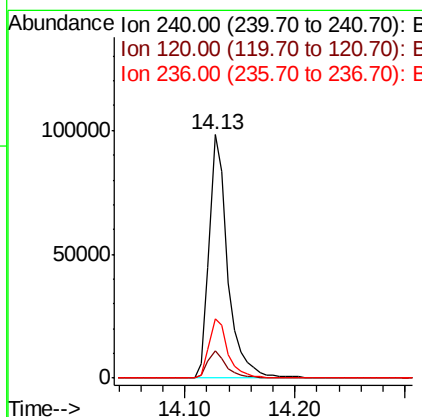
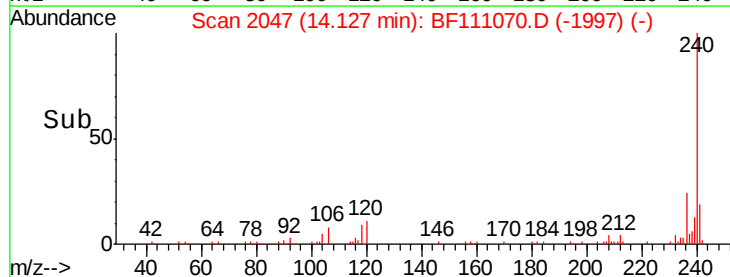


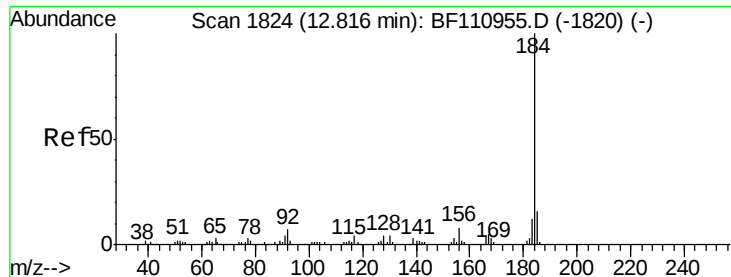
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. -0.01 min
 Lab File: BF111070.D
 Acq: 29 Nov 2018 3:32

Tgt Ion:240 Resp: 112751
 Ion Ratio Lower Upper
 240 100
 120 11.4 8.3 12.5
 236 24.2 21.2 31.8



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





#77

Benzidine

Concen: 2.179 ng

RT: 13.05 min Scan# 1864

Delta R.T. 0.24 min

Lab File: BF111070.D

Acq: 29 Nov 2018 3:32

Instrument :

BNA_F

ClientSampleId :

112618-JETT-F-U-B

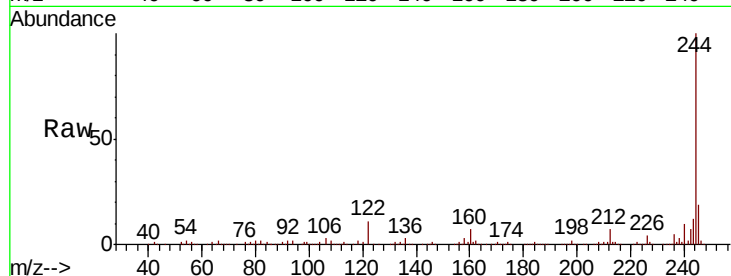
Tgt Ion:184 Resp: 6283

Ion Ratio Lower Upper

184 100

185 15.1 13.4 20.2

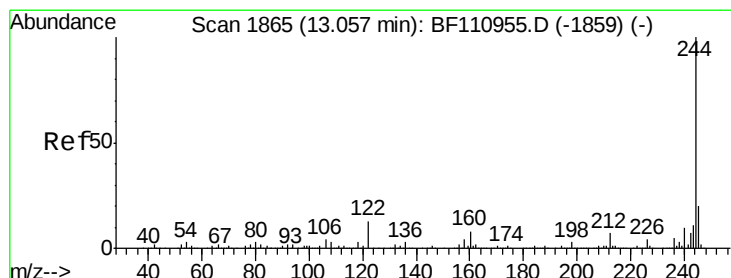
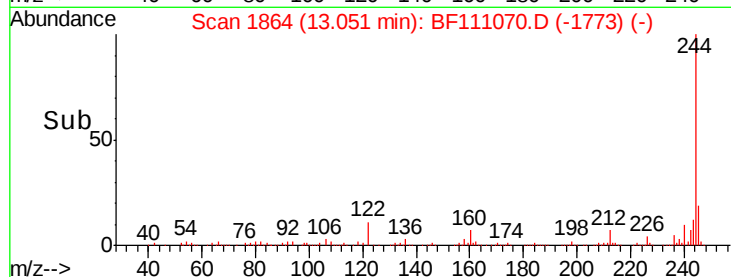
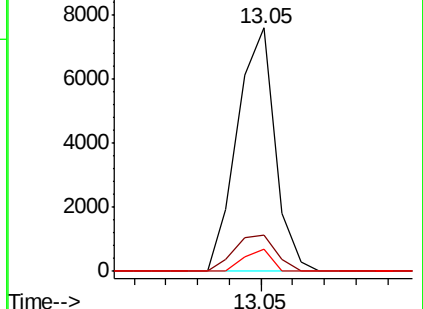
183 9.3 9.4 14.2#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 80.226 ng

RT: 13.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BF111070.D

Acq: 29 Nov 2018 3:32

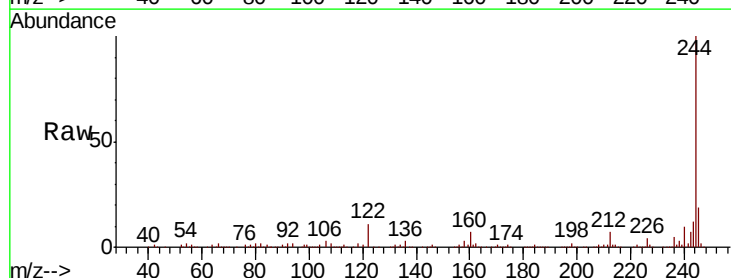
Tgt Ion:244 Resp: 464678

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

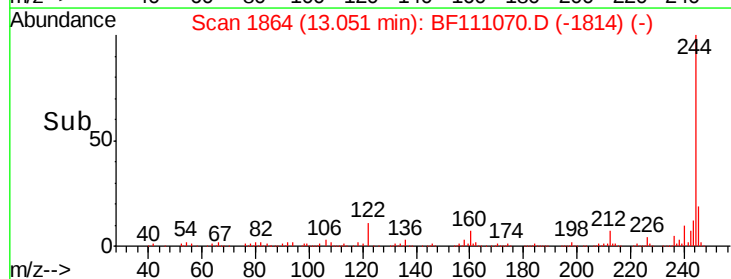
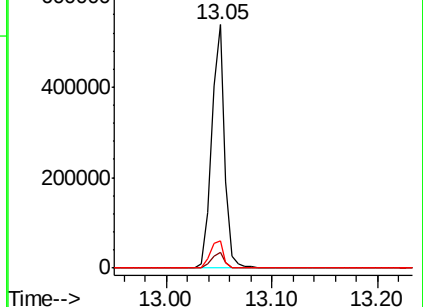
122 11.0 8.7 13.1

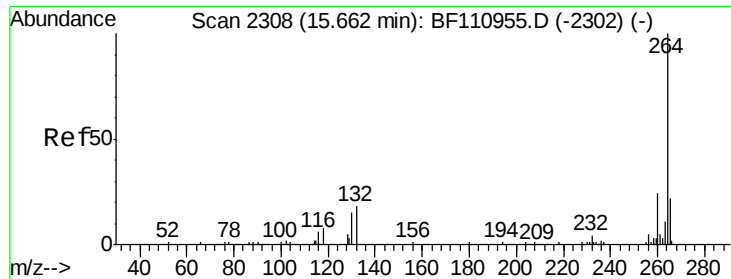


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

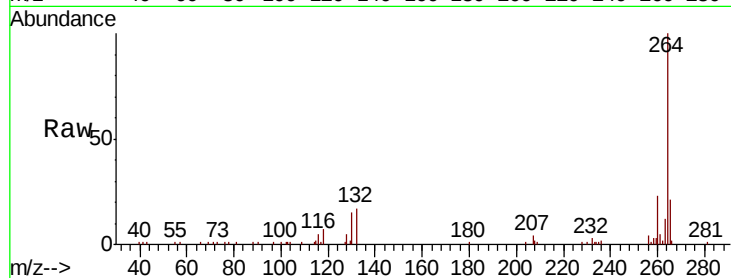




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. -0.01 min
Lab File: BF111070.D
Acq: 29 Nov 2018 3:32

Instrument :
BNA_F
ClientSampleId :
112618-JETT-F-U-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	20.8	16.7	25.1



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

