

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092818\
 Data File : BF109463.D
 Acq On : 29 Sep 2018 6:51
 Operator : JU/SJ
 Sample : J5133-16
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092618-JETT-F-D-M

Quant Time: Oct 01 03:10:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	109791	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	410770	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	189467	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	348465	20.00	ng	0.00
75) Chrysene-d12	13.84	240	211389	20.00	ng	0.00
86) Perylene-d12	15.24	264	212820	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	291353	43.71	ng	0.00
7) Phenol-d6	6.34	99	253975	29.86	ng	-0.02
23) Nitrobenzene-d5	7.27	82	672920	96.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	158668	84.95	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1153206	91.80	ng	0.00
78) Terphenyl-d14	12.80	244	1018923	118.29	ng	0.00

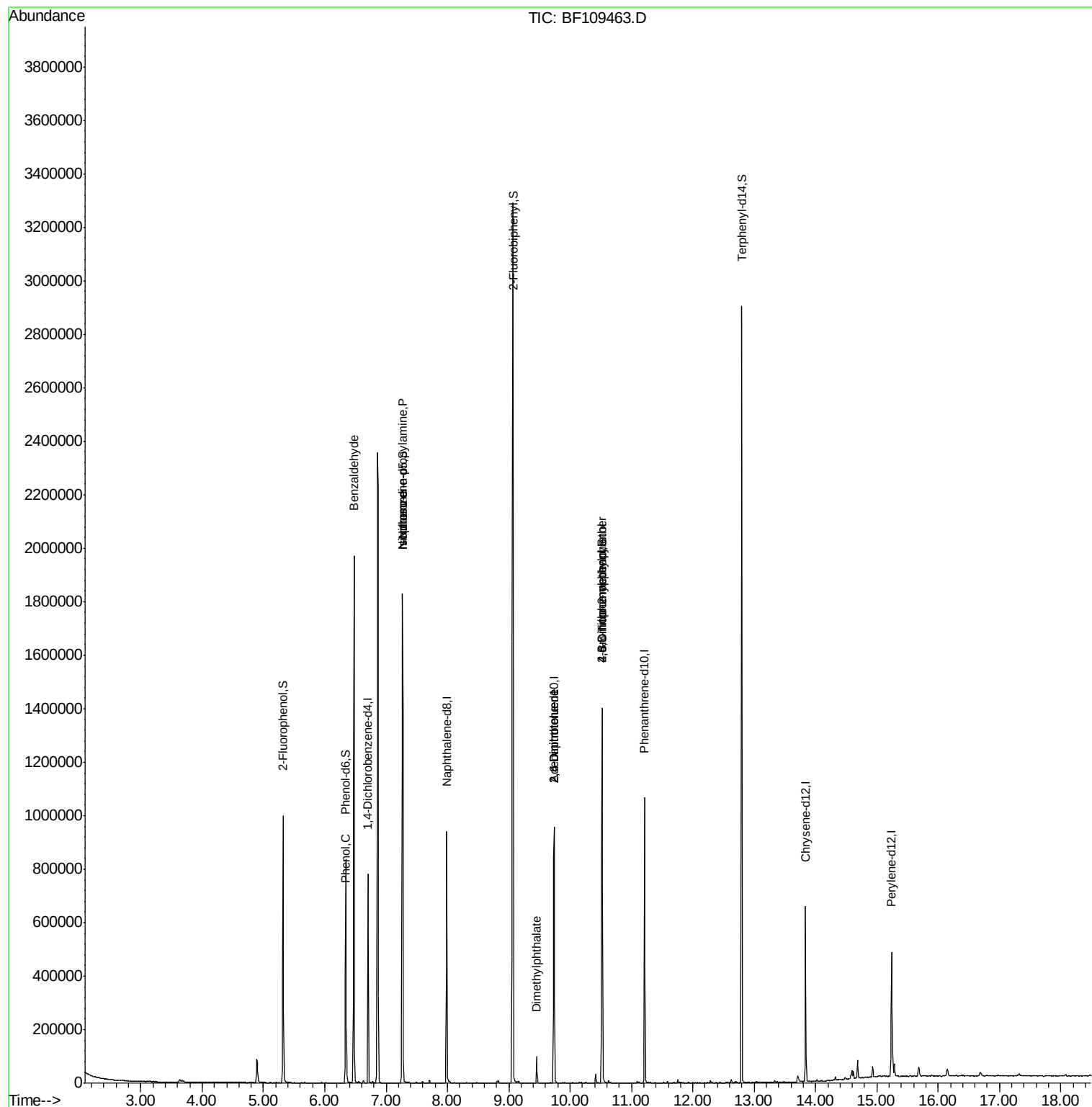
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.47	77	11556	2.115	ng	# 77
10) Phenol	6.35	94	25803	2.679	ng	# 91
19) n-Nitroso-di-n-propylamine	7.27	70	90850	16.300	ng	# 78
25) Isophorone	7.27	82	641178	51.170	ng	# 64
49) Dimethylphthalate	9.46	163	36434	2.644	ng	# 99
50) 2,6-Dinitrotoluene	9.74	165	25181	9.226	ng	# 25
56) 2,4-Dinitrotoluene	9.74	165	25181	7.292	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	152	6.614	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	9587	2.478	ng	# 1

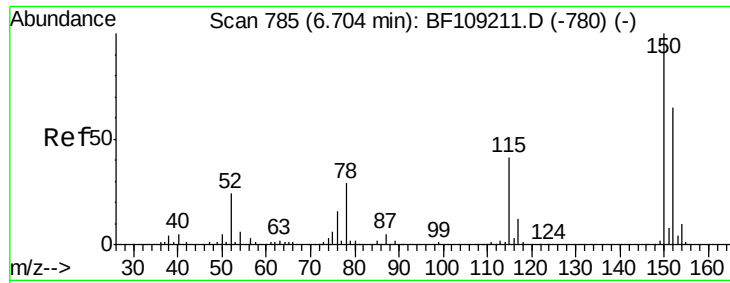
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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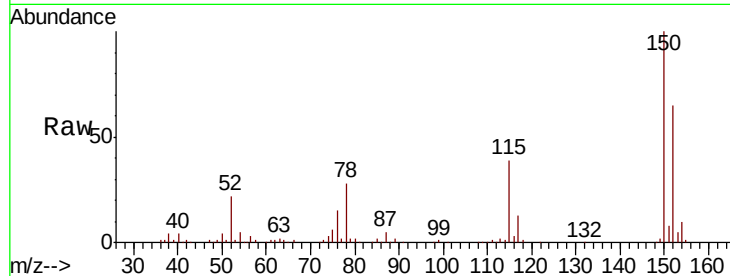




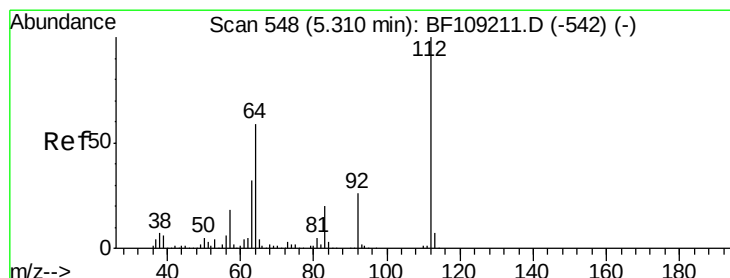
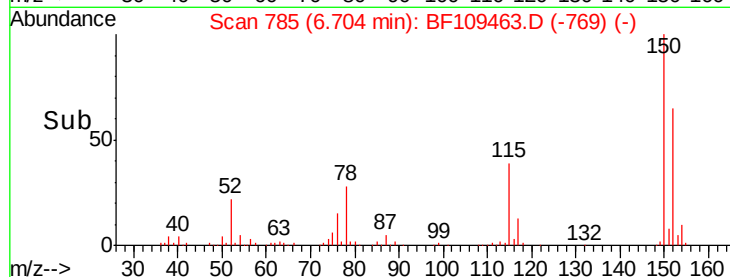
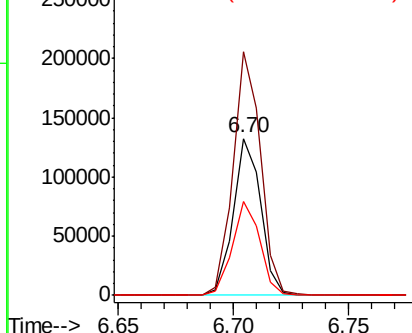
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109463.D
 Acq: 29 Sep 2018 6:51

Instrument :
 BNA_F
 ClientSampleId :
 092618-JETT-F-D-M

Tgt Ion:152 Resp: 109791
 Ion Ratio Lower Upper
 152 100
 150 155.0 124.6 186.8
 115 59.9 50.1 75.1

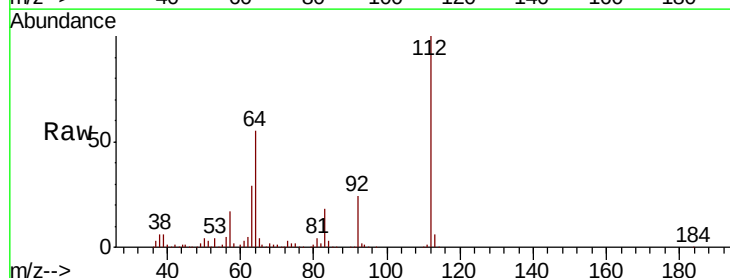


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

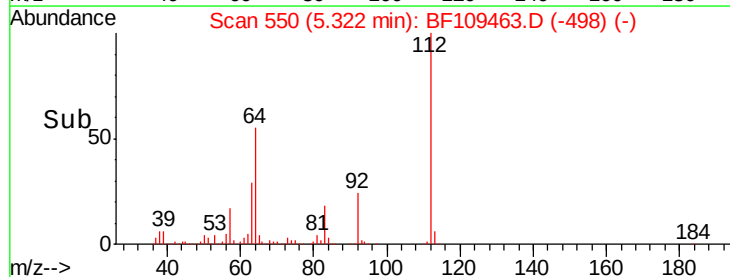
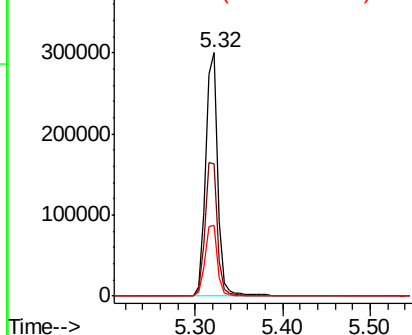


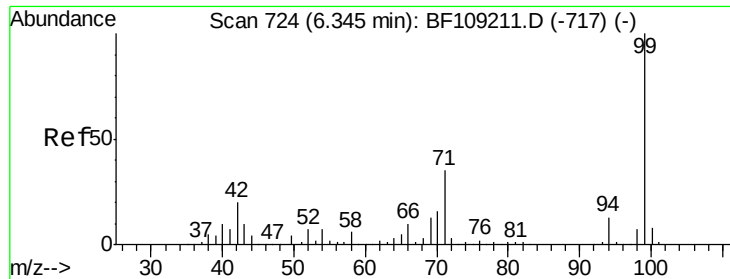
#5
 2-Fluorophenol
 Concen: 43.709 ng
 RT: 5.32 min Scan# 550
 Delta R.T. 0.01 min
 Lab File: BF109463.D
 Acq: 29 Sep 2018 6:51

Tgt Ion:112 Resp: 291353
 Ion Ratio Lower Upper
 112 100
 64 54.6 47.9 71.9
 63 29.0 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: 29.859 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109463.D

Acq: 29 Sep 2018 6:51

Instrument :

BNA_F

ClientSampleId :

092618-JETT-F-D-M

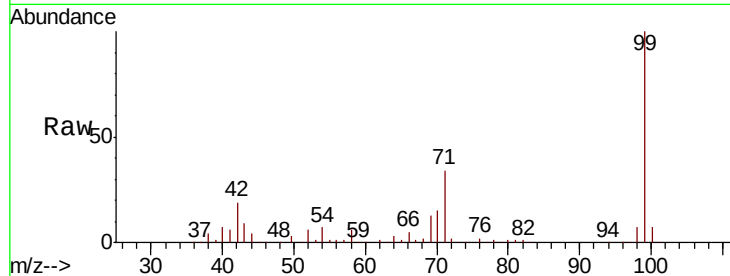
Tgt Ion: 99 Resp: 253975

Ion Ratio Lower Upper

99 100

42 18.9 14.5 21.7

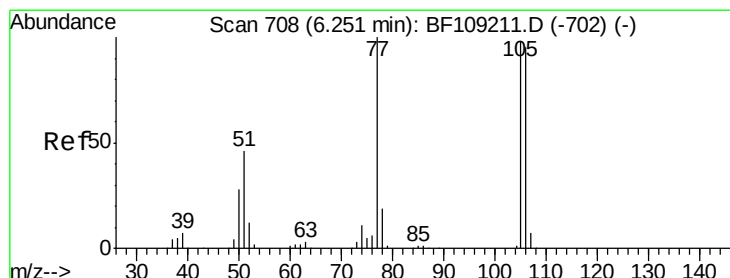
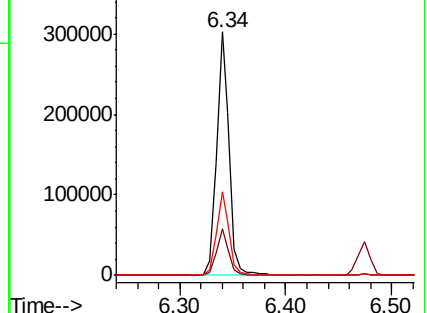
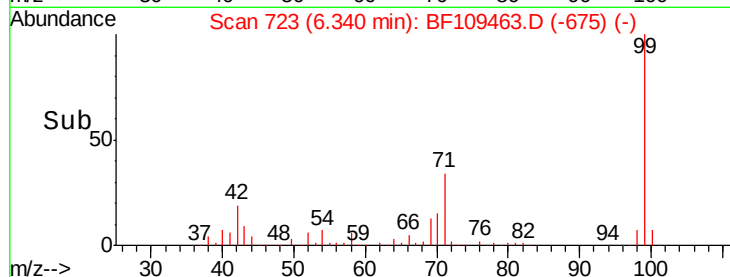
71 34.2 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.115 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF109463.D

Acq: 29 Sep 2018 6:51

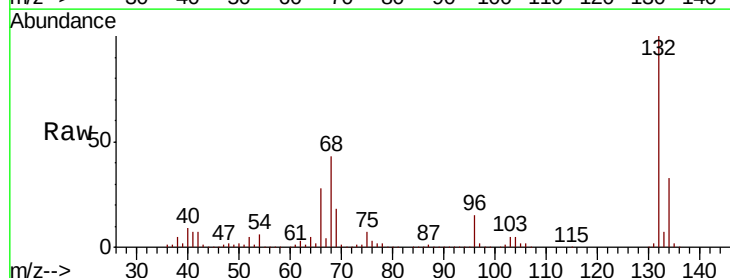
Tgt Ion: 77 Resp: 11556

Ion Ratio Lower Upper

77 100

105 77.7 81.1 121.1#

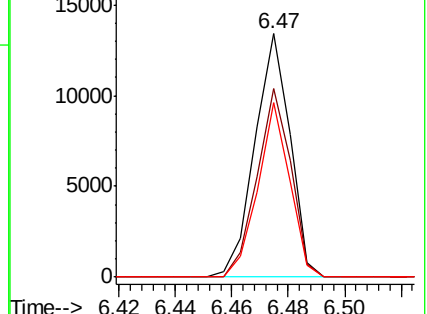
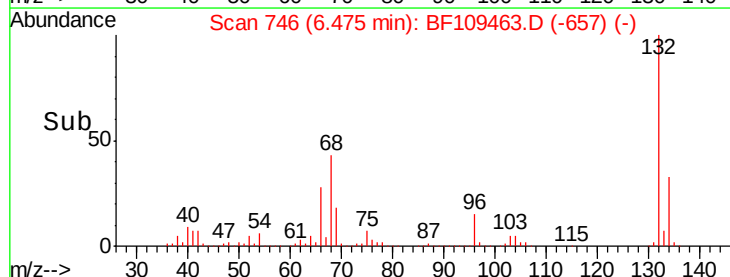
106 71.6 74.5 114.5#

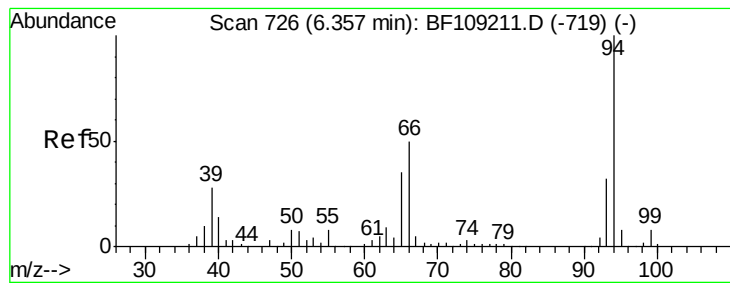


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.679 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF109463.D

Acq: 29 Sep 2018 6:51

Instrument :

BNA_F

ClientSampleId :

092618-JETT-F-D-M

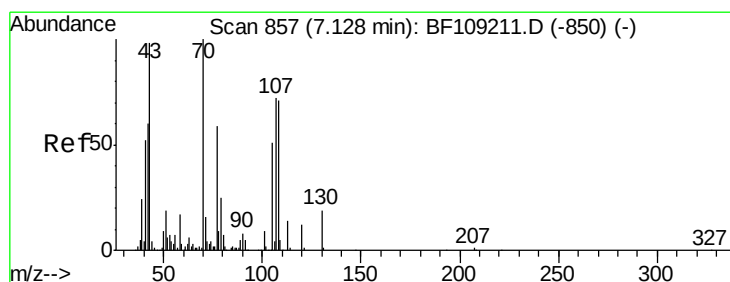
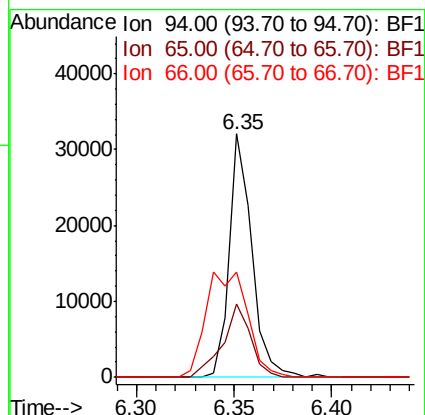
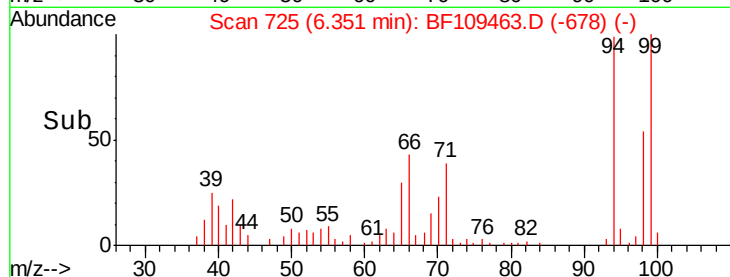
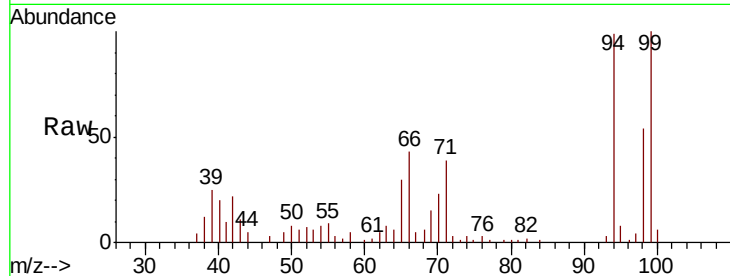
Tgt Ion: 94 Resp: 25803

Ion Ratio Lower Upper

94 100

65 30.3 7.9 47.9

66 43.3 16.2 56.2



#19

n-Nitroso-di-n-propylamine

Concen: 16.300 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.12 min

Lab File: BF109463.D

Acq: 29 Sep 2018 6:51

Tgt Ion: 70 Resp: 90850

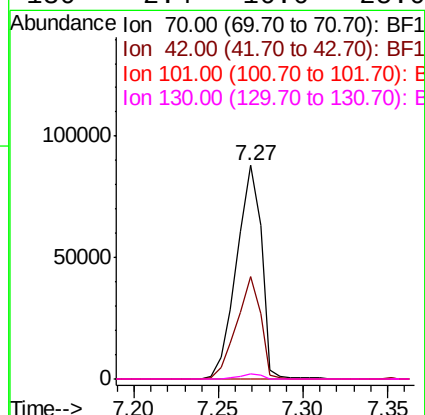
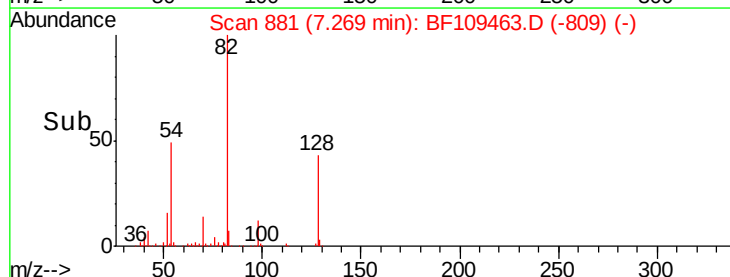
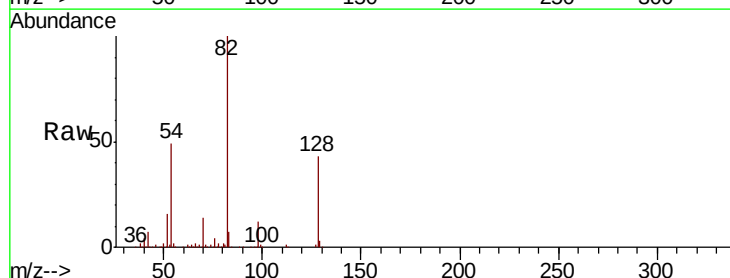
Ion Ratio Lower Upper

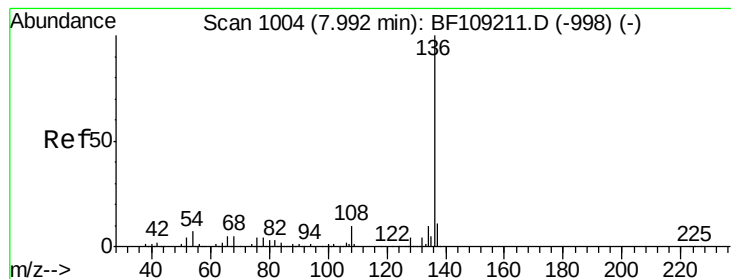
70 100

42 47.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109463.D

Acq: 29 Sep 2018 6:51

Instrument :

BNA_F

ClientSampleId :

092618-JETT-F-D-M

Tgt Ion:136 Resp: 410770

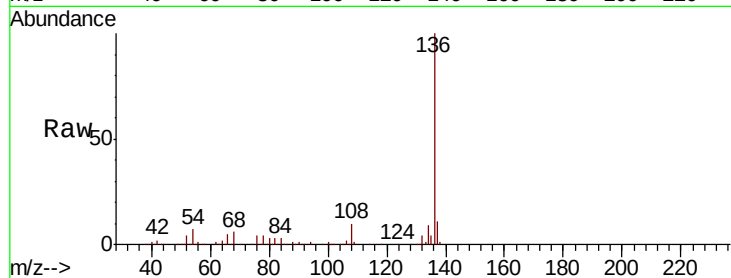
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.3 6.6 9.8

68 5.7 5.0 7.4

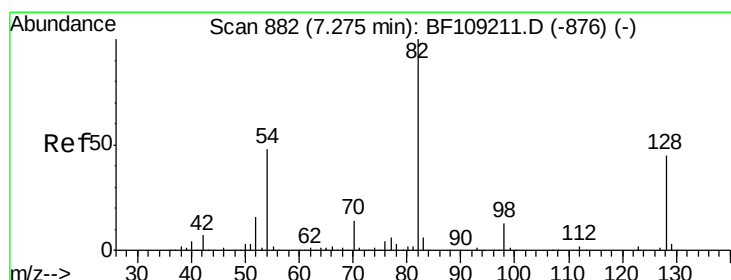
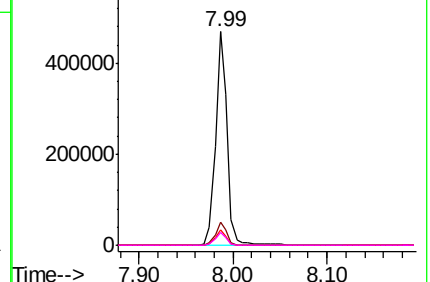
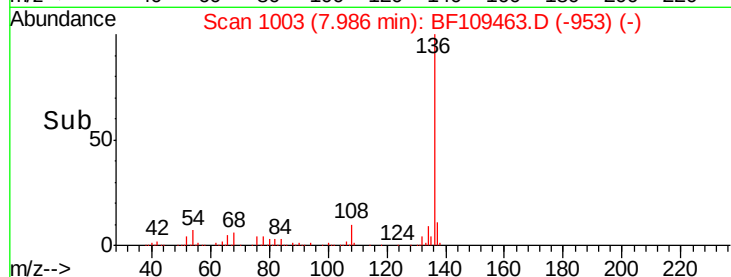


Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.705 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF109463.D

Acq: 29 Sep 2018 6:51

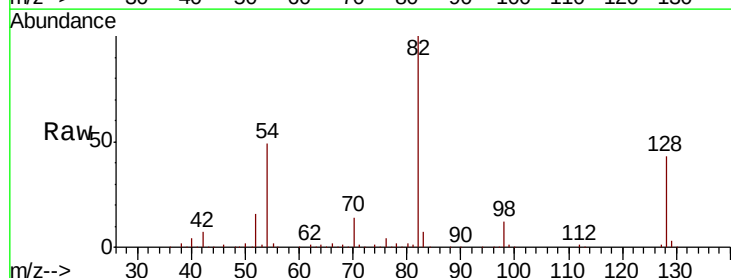
Tgt Ion: 82 Resp: 672920

Ion Ratio Lower Upper

82 100

128 42.8 36.1 54.1

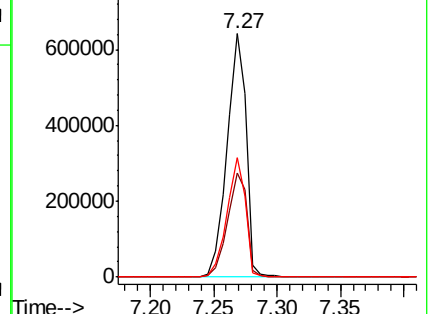
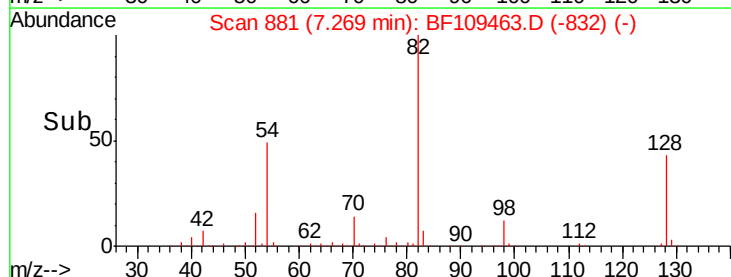
54 48.8 41.4 62.2

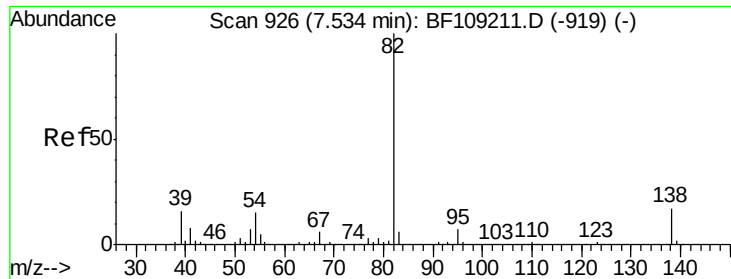


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 51.170 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.28 min

Lab File: BF109463.D

Acq: 29 Sep 2018 6:51

Instrument :

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ClientSampleId :

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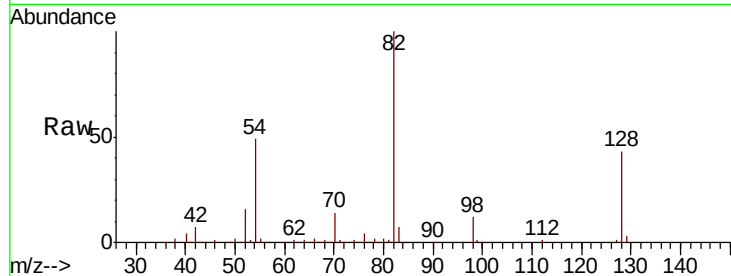
Tgt Ion: 82 Resp: 641178

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

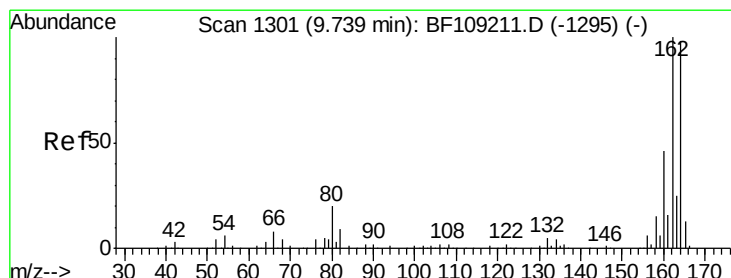
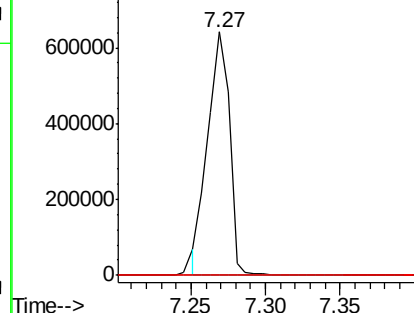
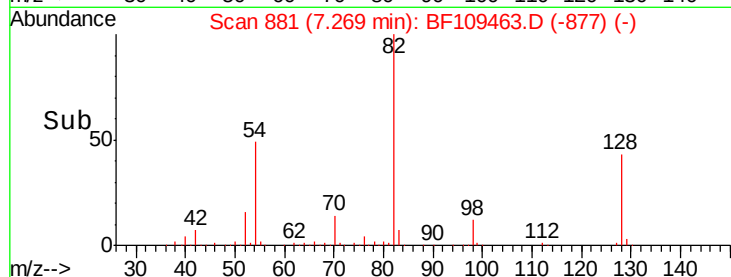
138 0.0 14.9 22.3#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BF109463.D

Acq: 29 Sep 2018 6:51

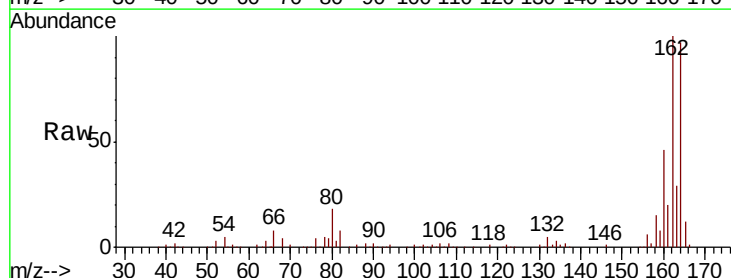
Tgt Ion: 164 Resp: 189467

Ion Ratio Lower Upper

164 100

162 103.4 86.1 129.1

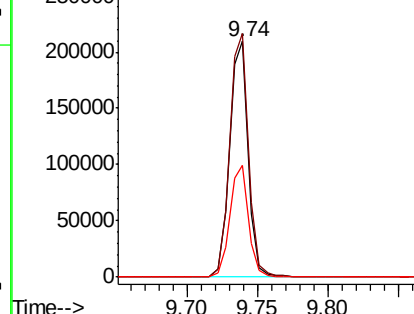
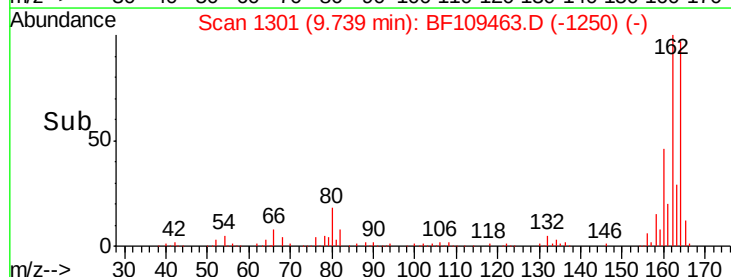
160 47.7 38.3 57.5

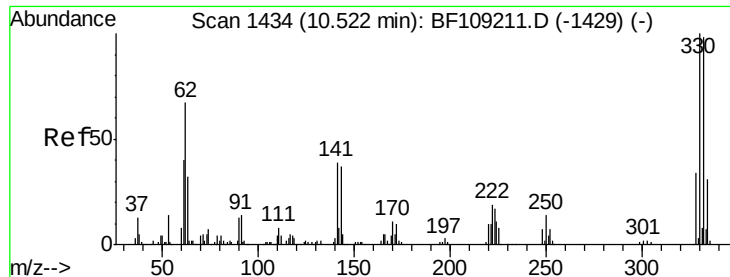


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

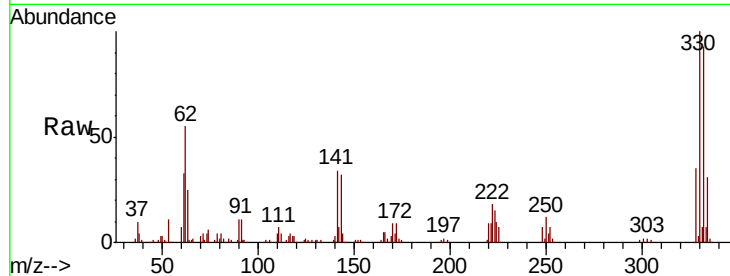




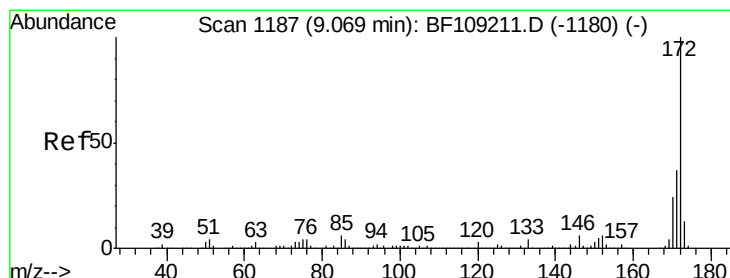
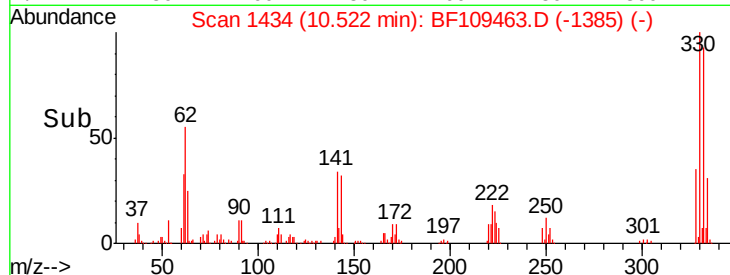
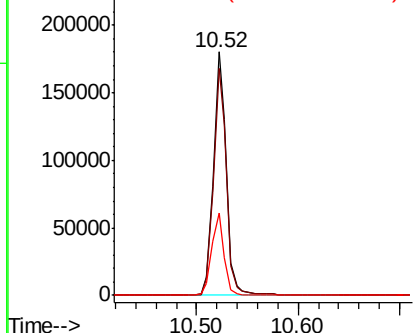
#41
 2,4,6-Tribromophenol
 Concen: 84.951 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109463.D
 Acq: 29 Sep 2018 6:51

Instrument :
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Tgt Ion:330 Resp: 158668
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.0 115.6
 141 32.8 29.9 44.9

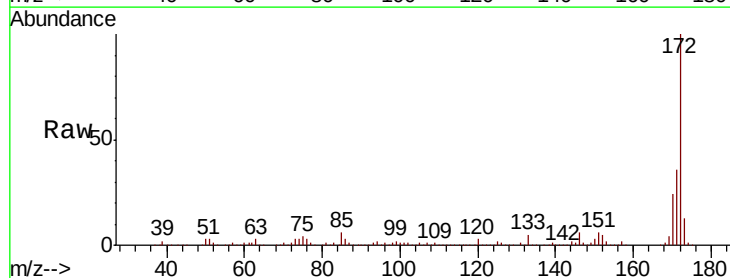


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

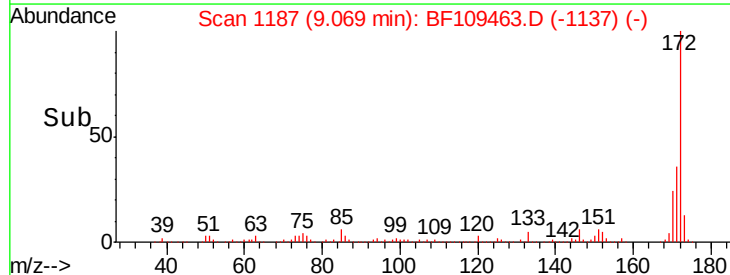
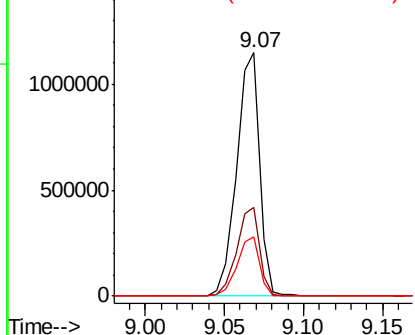


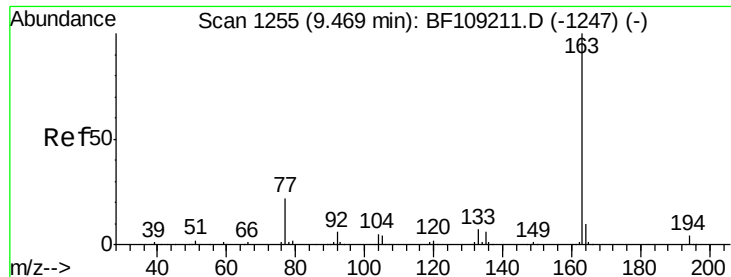
#44
 2-Fluorobiphenyl
 Concen: 91.797 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109463.D
 Acq: 29 Sep 2018 6:51

Tgt Ion:172 Resp: 1153206
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.5 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

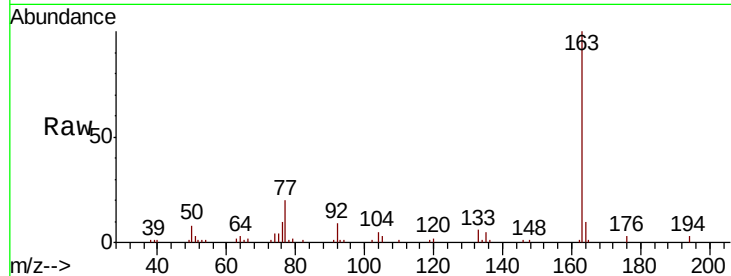




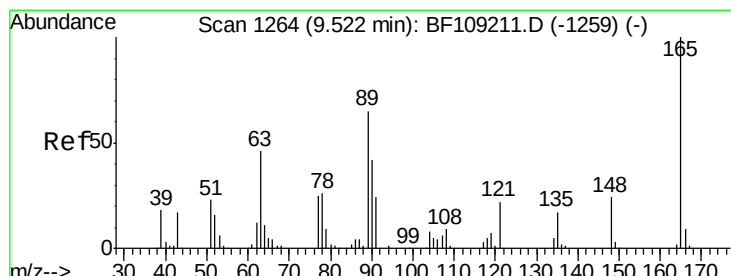
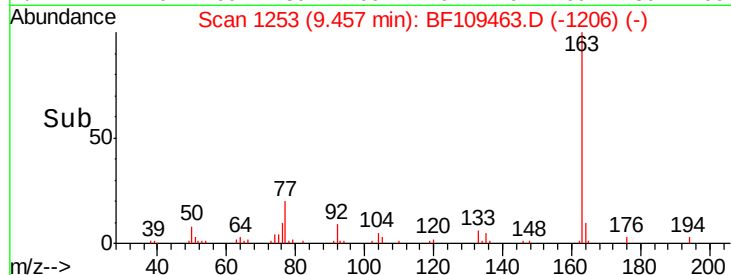
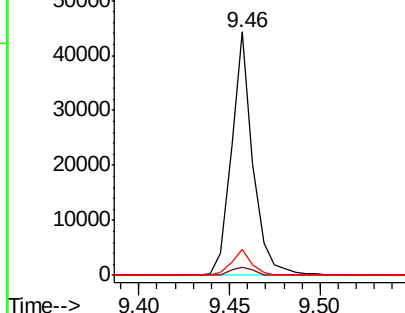
#49
 Dimethylphthalate
 Concen: 2.644 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF109463.D
 Acq: 29 Sep 2018 6:51

Instrument :
 BNA_F
 ClientSampleId :
 092618-JETT-F-D-M

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.5	8.2	12.2

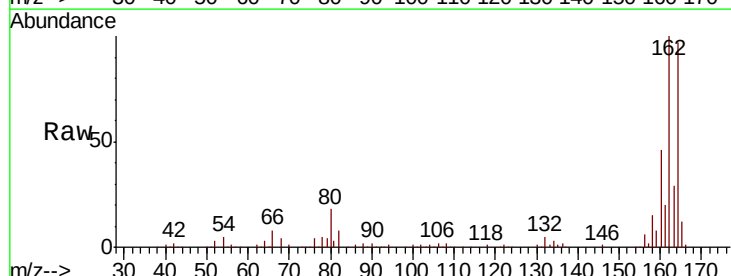


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

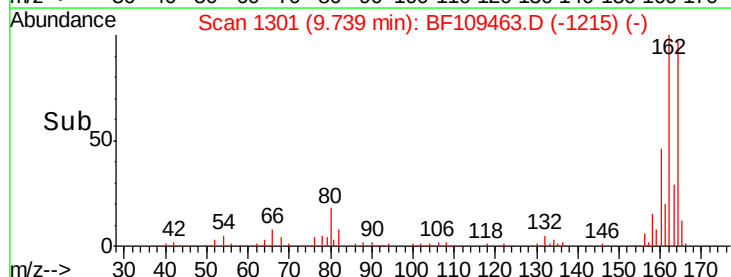
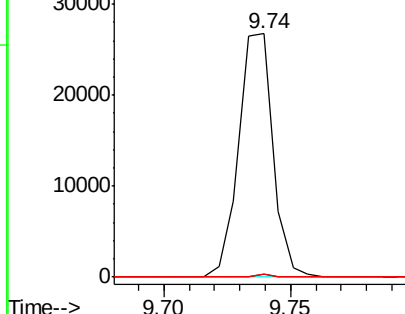


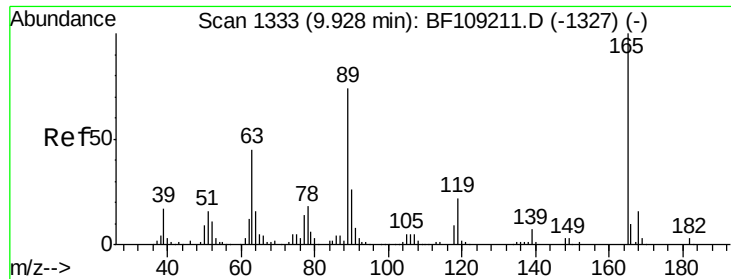
#50
 2,6-Dinitrotoluene
 Concen: 9.226 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.21 min
 Lab File: BF109463.D
 Acq: 29 Sep 2018 6:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	1.3	44.0	66.0#



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

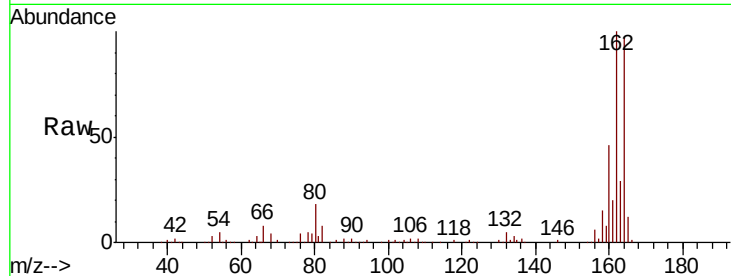




#56
 2,4-Dinitrotoluene
 Concen: 7.292 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.20 min
 Lab File: BF109463.D
 Acq: 29 Sep 2018 6:51

Instrument :
 BNA_F
 ClientSampleId :
 092618-JETT-F-D-M

Tgt Ion:	165	Resp:	25181
Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#



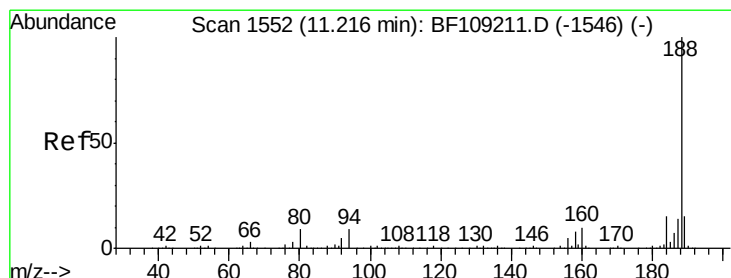
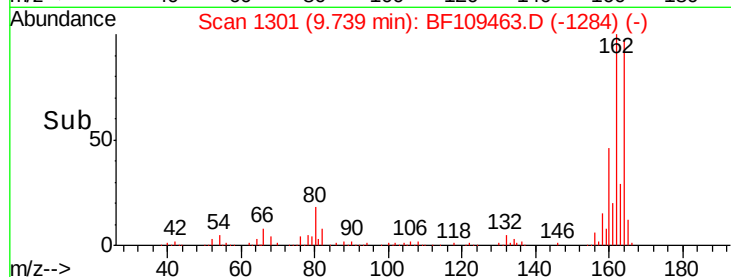
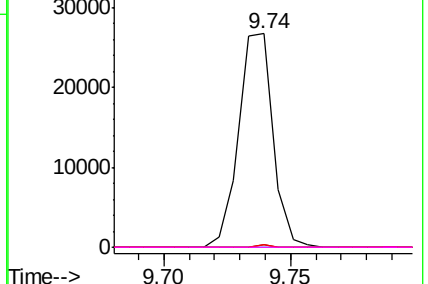
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

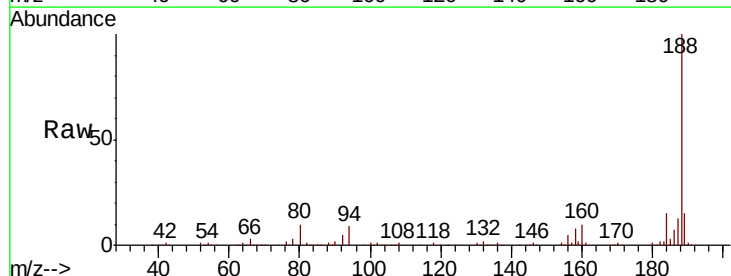
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF109463.D
 Acq: 29 Sep 2018 6:51

Tgt Ion:	188	Resp:	348465
Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.5	12.7
80	9.6	9.2	13.8

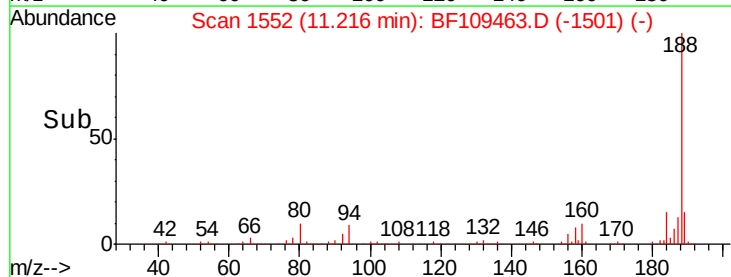
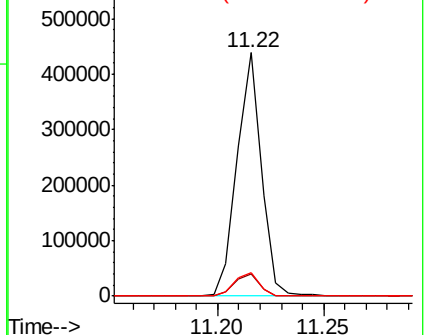


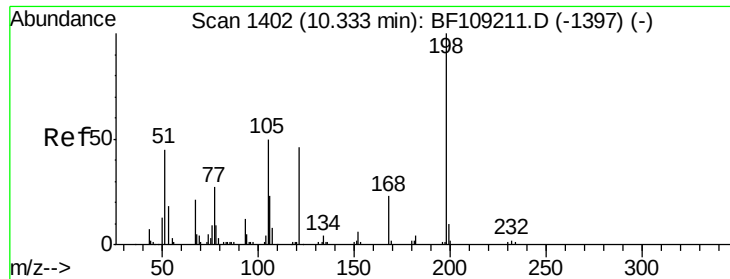
Abundance

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

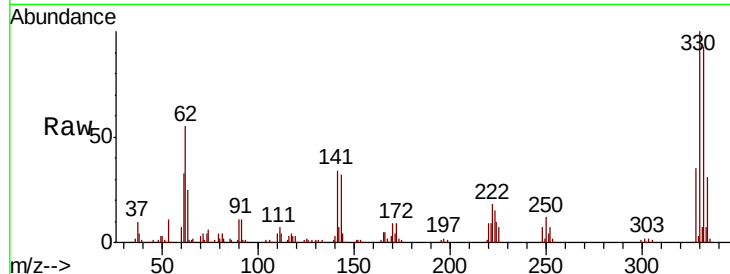




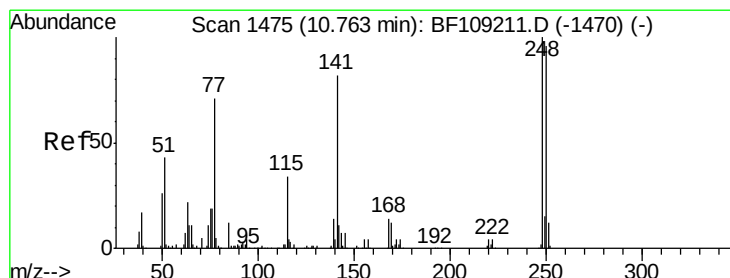
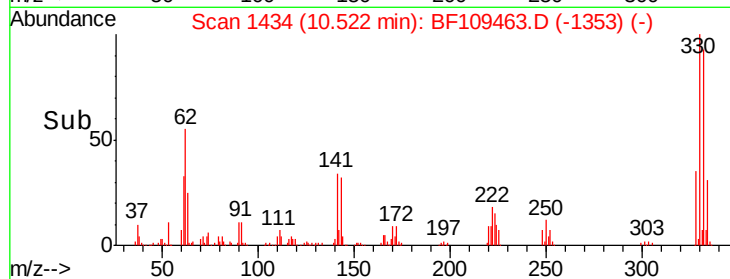
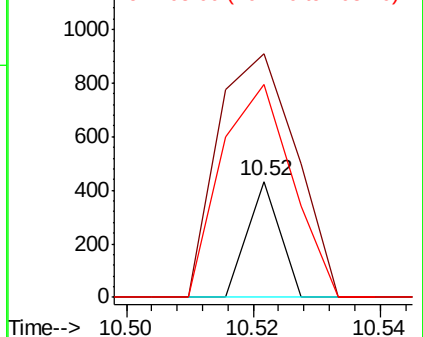
#64
4,6-Dinitro-2-methylphenol
Concen: 6.614 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.18 min
Lab File: BF109463.D
Acq: 29 Sep 2018 6:51

Instrument :
BNA_F
ClientSampleId :
092618-JETT-F-D-M

Tgt Ion:198 Resp: 152
Ion Ratio Lower Upper
198 100
51 210.4 37.7 77.7#
105 183.6 36.3 76.3#

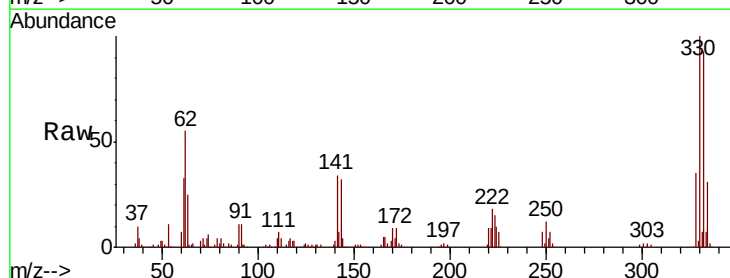


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

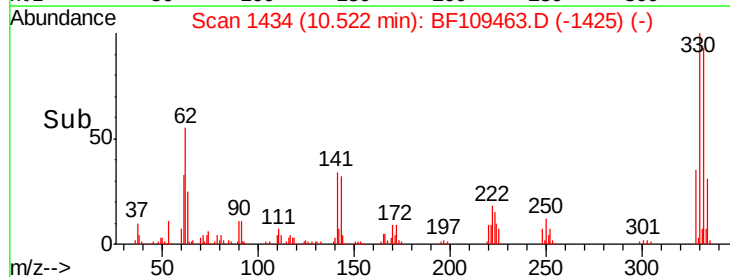
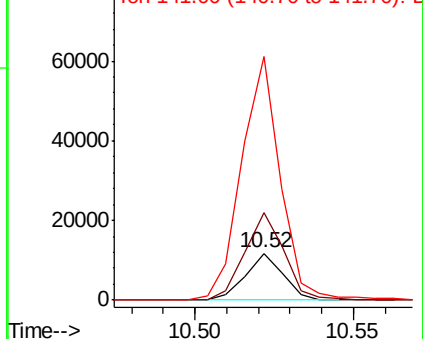


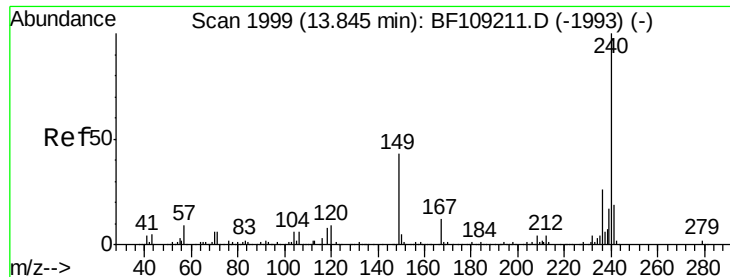
#66
4-Bromophenyl-phenylether
Concen: 2.478 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109463.D
Acq: 29 Sep 2018 6:51

Tgt Ion:248 Resp: 9587
Ion Ratio Lower Upper
248 100
250 185.8 76.9 115.3#
141 517.9 74.4 111.6#



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109463.D

Acq: 29 Sep 2018 6:51

Instrument :

BNA_F

ClientSampleId :

092618-JETT-F-D-M

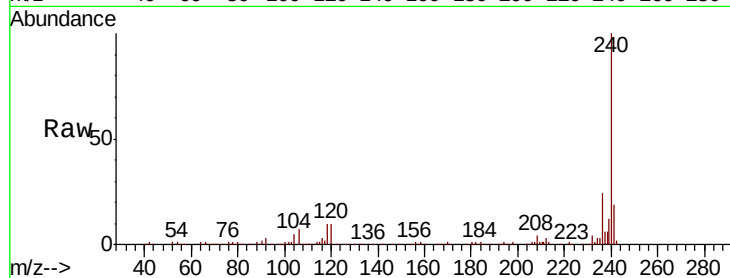
Tgt Ion:240 Resp: 211389

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

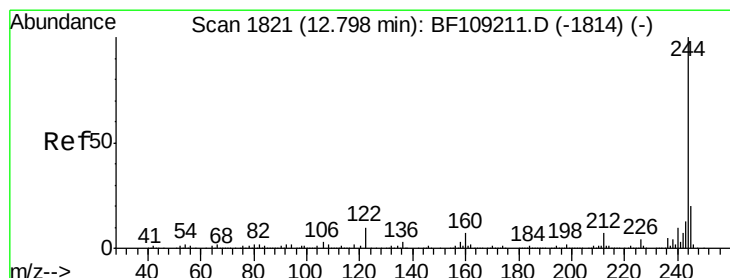
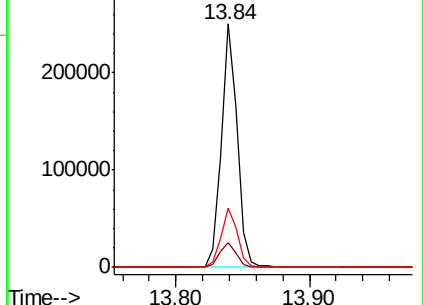
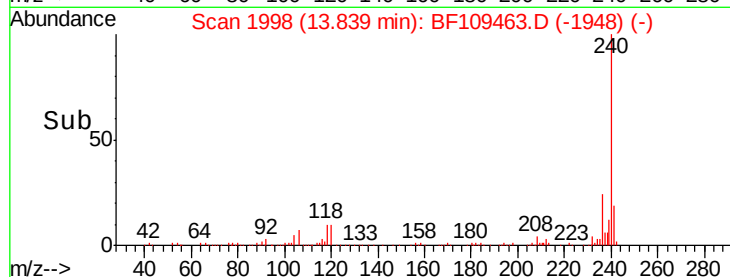
236 24.3 20.7 31.1



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: 118.294 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109463.D

Acq: 29 Sep 2018 6:51

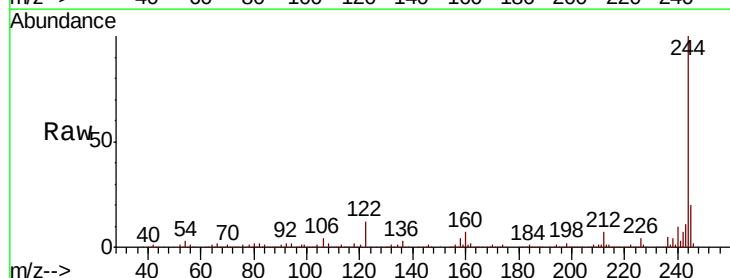
Tgt Ion:244 Resp: 1018923

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

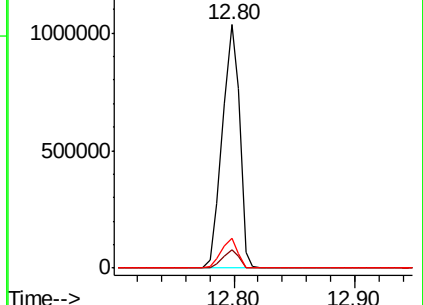
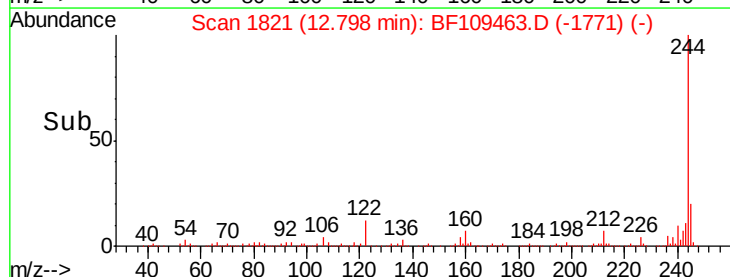
122 12.3 11.0 16.4

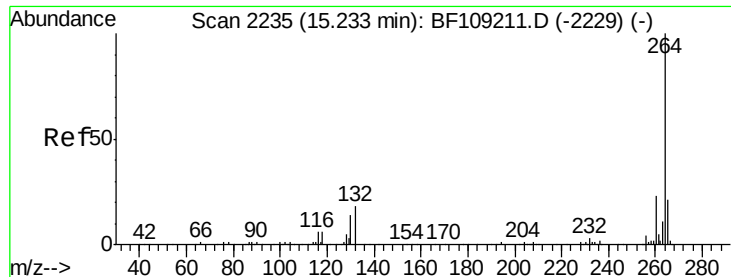


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF109463.D
Acq: 29 Sep 2018 6:51

Instrument :
BNA_F
ClientSampleId :
092618-JETT-F-D-M

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.6	17.5	26.3

