

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100218\
 Data File : BF109522.D
 Acq On : 3 Oct 2018 1:26
 Operator : JU/SJ
 Sample : J5187-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092818-JETT-F-D-B

Quant Time: Oct 03 03:11:07 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

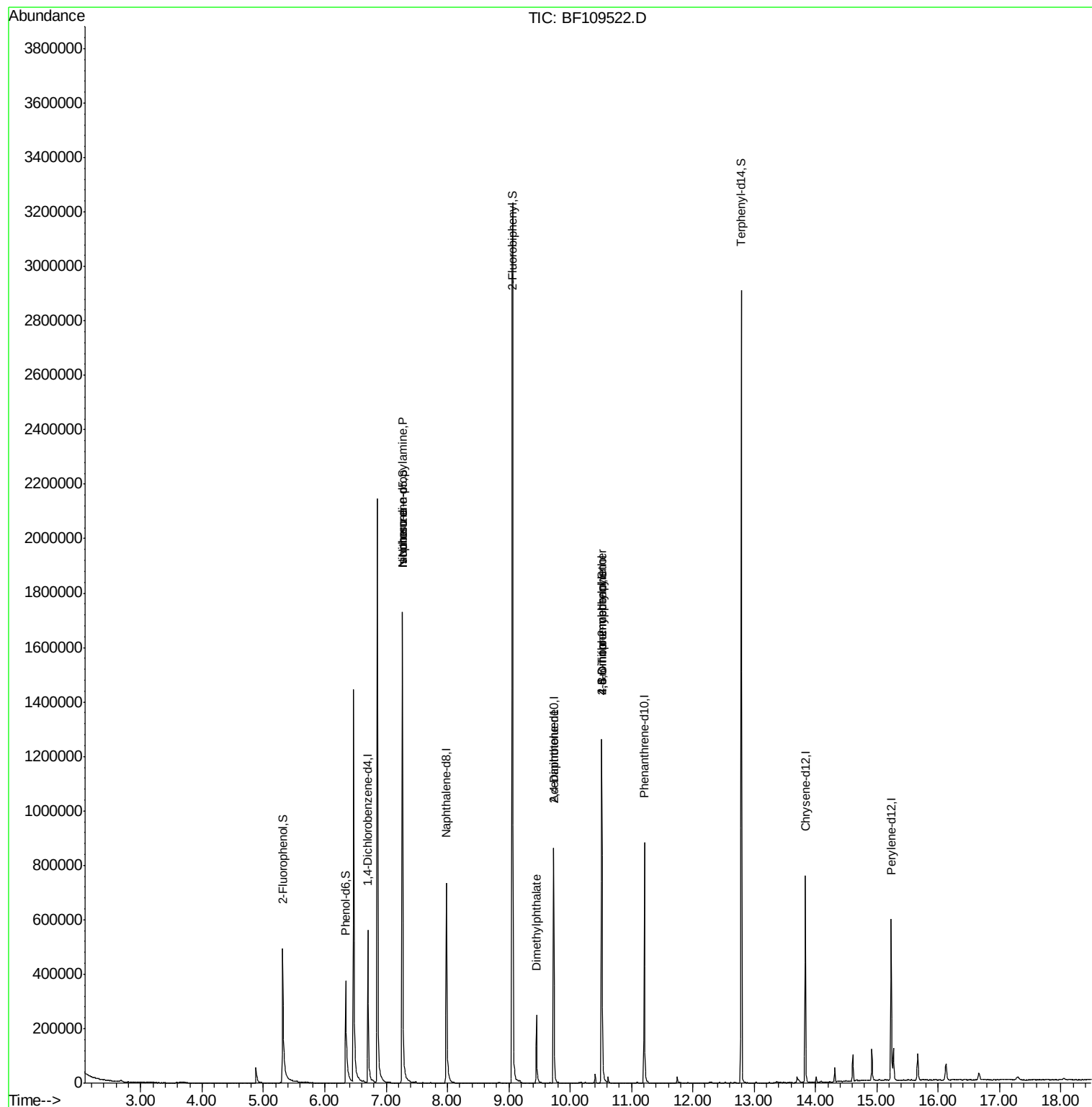
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	109930	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	419496	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	196920	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	345290	20.00	ng	0.00
75) Chrysene-d12	13.83	240	263562	20.00	ng	-0.01
86) Perylene-d12	15.23	264	271874	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	241026	36.11	ng	0.00
7) Phenol-d6	6.34	99	210767	24.75	ng	-0.02
23) Nitrobenzene-d5	7.27	82	691178	97.26	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	166652	85.85	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	1187874	90.98	ng	-0.01
78) Terphenyl-d14	12.79	244	1033724	96.26	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	93243	16.709	ng	# 76
25) Isophorone	7.27	82	683121	53.383	ng	# 64
49) Dimethylphthalate	9.45	163	116799	8.155	ng	100
56) 2,4-Dinitrotoluene	9.73	165	24280	6.765	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.52	198	142	6.608	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	9992	2.606	ng	# 1

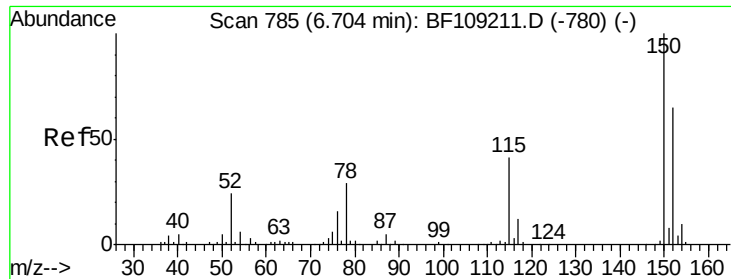
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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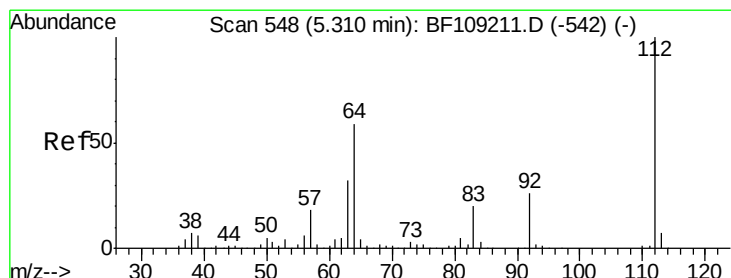
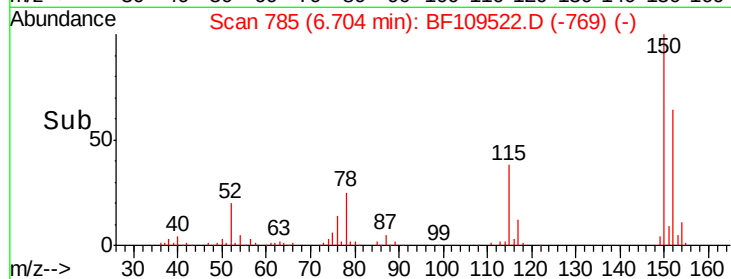
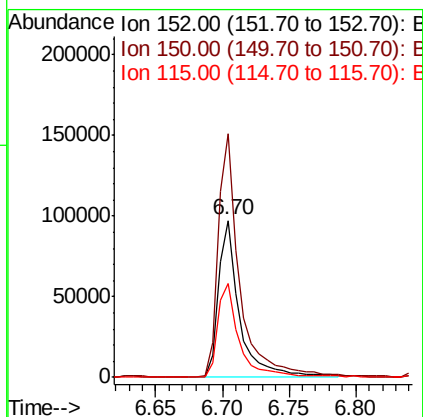
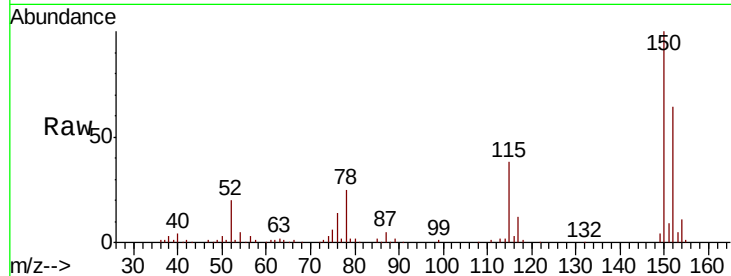




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109522.D
 Acq: 3 Oct 2018 1:26

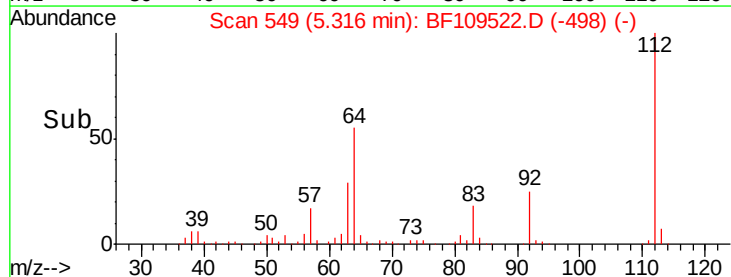
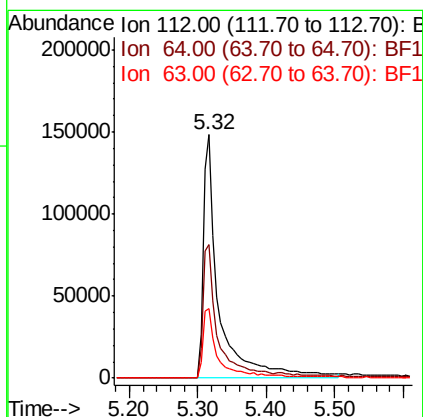
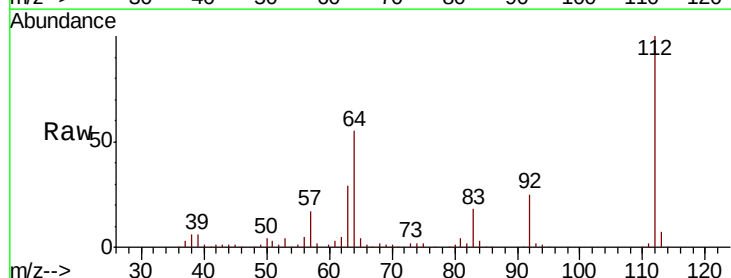
Instrument :
 BNA_F
 ClientSampleId :
 092818-JETT-F-D-B

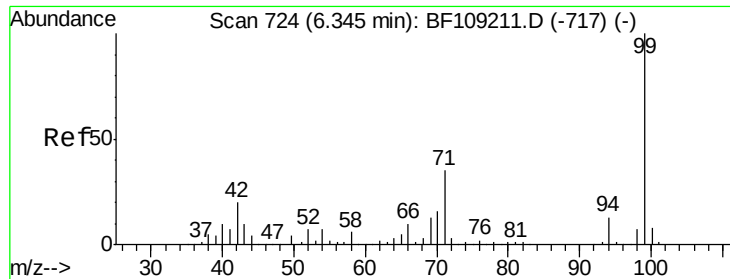
Tgt Ion:152 Resp: 109930
 Ion Ratio Lower Upper
 152 100
 150 155.2 124.6 186.8
 115 59.5 50.1 75.1



#5
 2-Fluorophenol
 Concen: 36.113 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF109522.D
 Acq: 3 Oct 2018 1:26

Tgt Ion:112 Resp: 241026
 Ion Ratio Lower Upper
 112 100
 64 55.0 47.9 71.9
 63 28.6 23.7 35.5





#7

Phenol-d6

Concen: 24.748 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109522.D

Acq: 3 Oct 2018 1:26

Instrument :

BNA_F

ClientSampleId :

092818-JETT-F-D-B

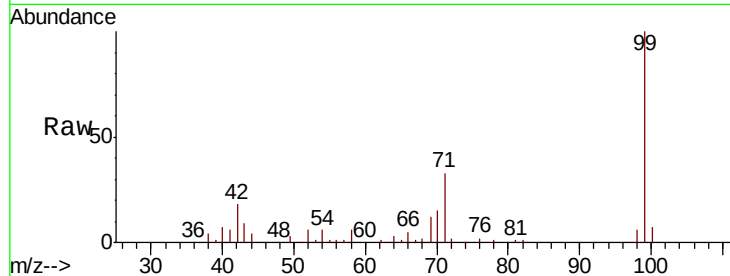
Tgt Ion: 99 Resp: 210767

Ion Ratio Lower Upper

99 100

42 18.2 14.5 21.7

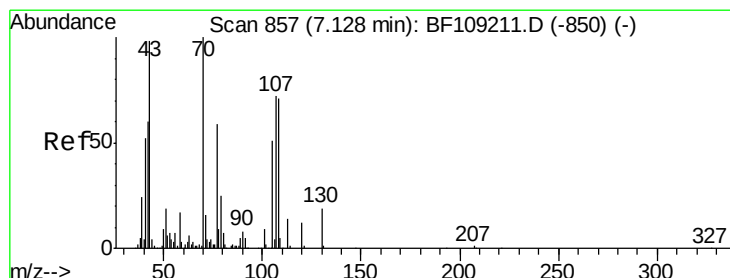
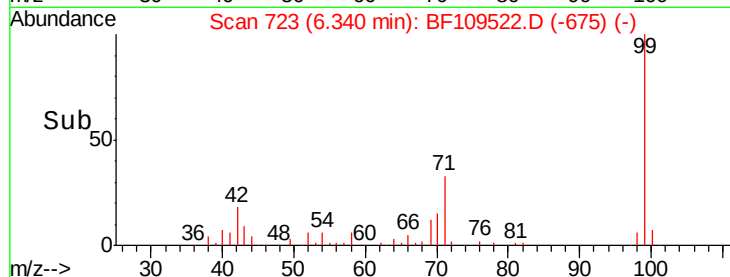
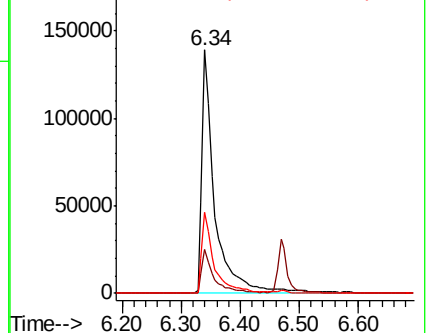
71 33.2 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.709 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.12 min

Lab File: BF109522.D

Acq: 3 Oct 2018 1:26

Tgt Ion: 70 Resp: 93243

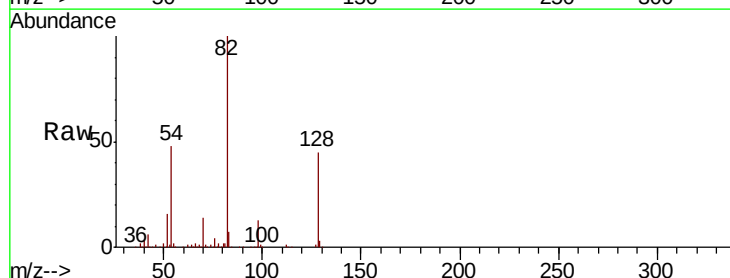
Ion Ratio Lower Upper

70 100

42 46.1 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

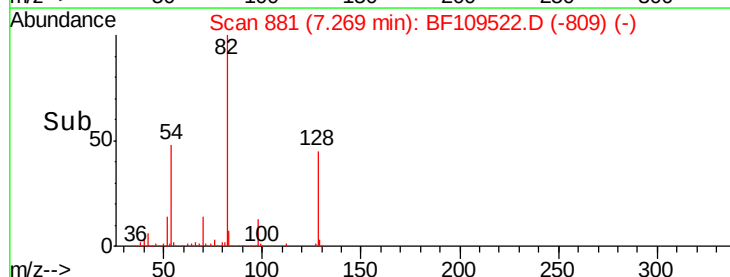
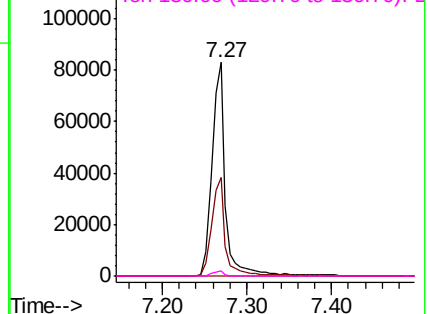


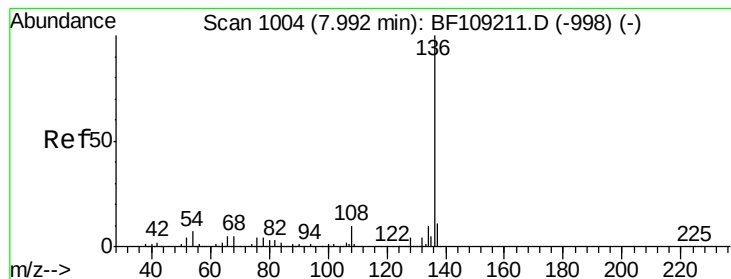
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF109522.D

Acq: 3 Oct 2018 1:26

Instrument :

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Tgt Ion:136 Resp: 419496

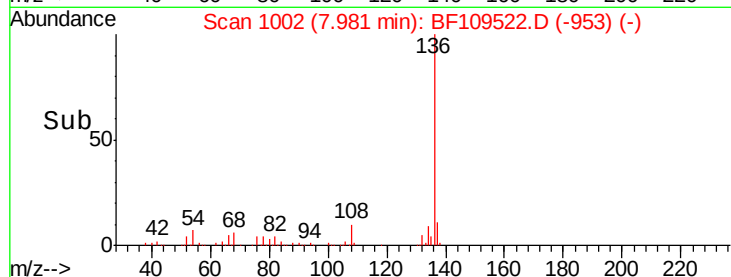
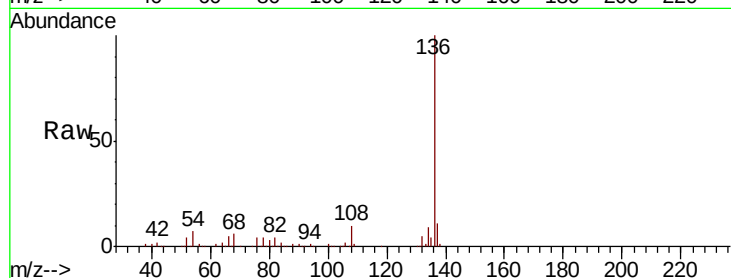
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.5 6.6 9.8

68 5.9 5.0 7.4

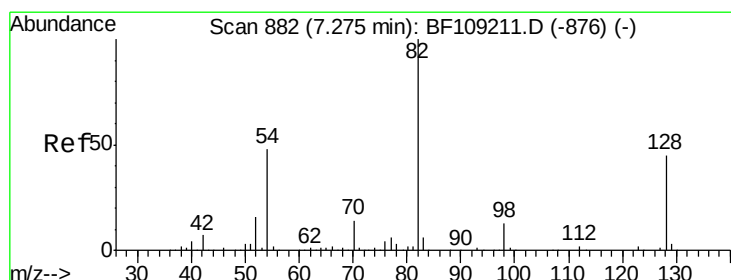
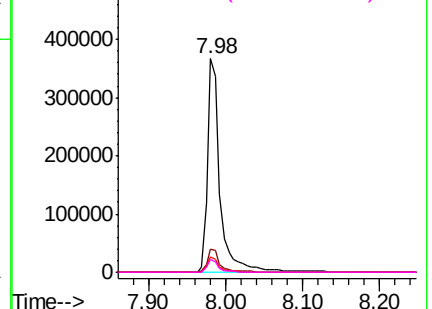


Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.263 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF109522.D

Acq: 3 Oct 2018 1:26

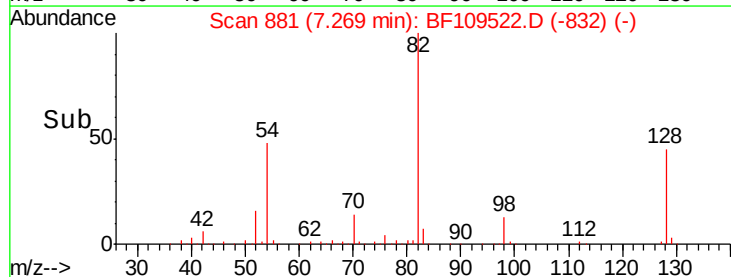
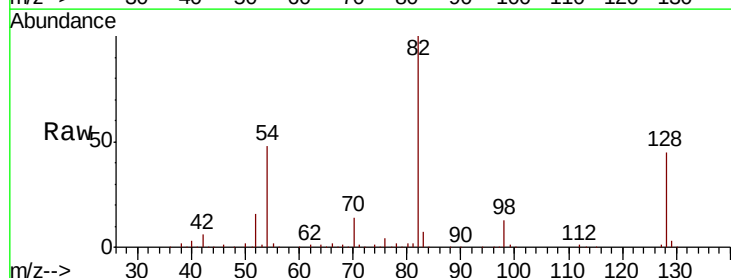
Tgt Ion: 82 Resp: 691178

Ion Ratio Lower Upper

82 100

128 44.6 36.1 54.1

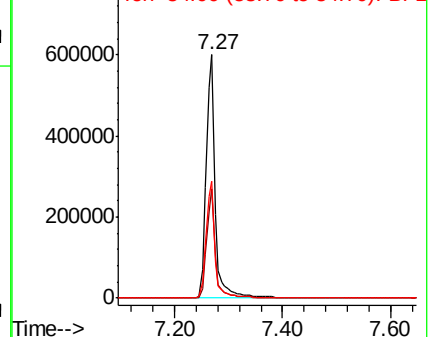
54 48.2 41.4 62.2

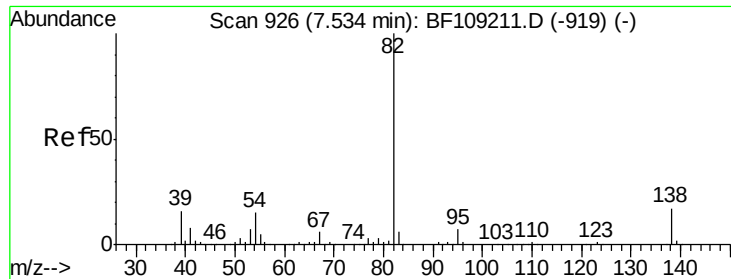


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 53.383 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.28 min

Lab File: BF109522.D

Acq: 3 Oct 2018 1:26

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ClientSampleId :

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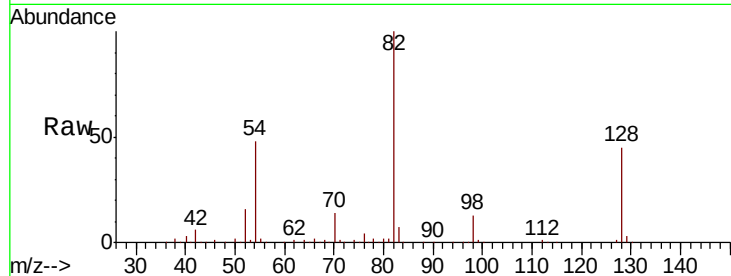
Tgt Ion: 82 Resp: 683121

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

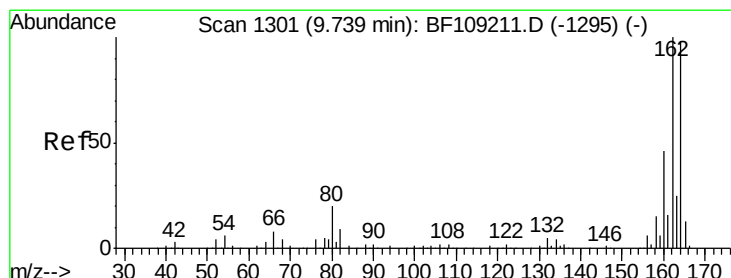
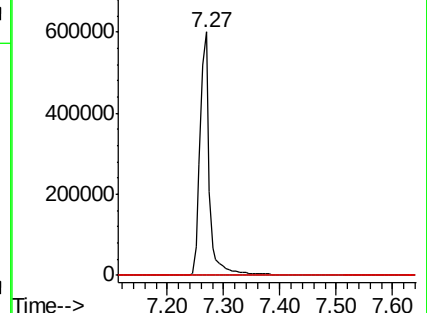
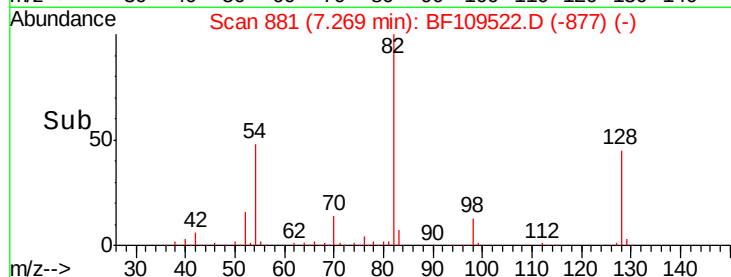
138 0.0 14.9 22.3#



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: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF109522.D

Acq: 3 Oct 2018 1:26

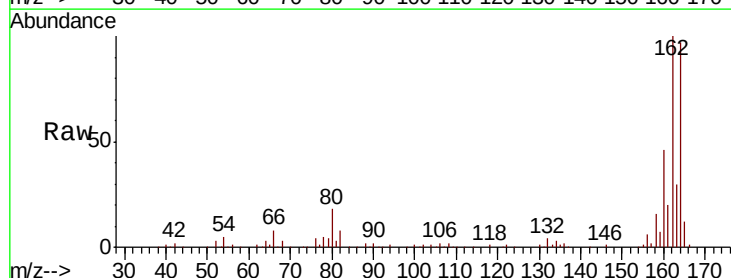
Tgt Ion: 164 Resp: 196920

Ion Ratio Lower Upper

164 100

162 102.9 86.1 129.1

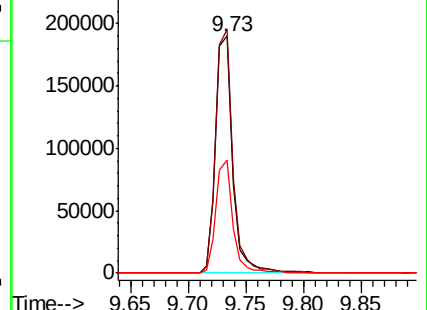
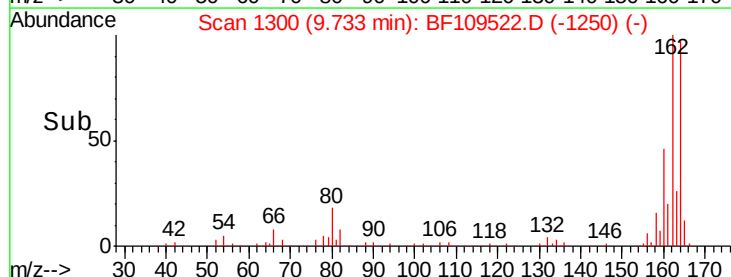
160 47.6 38.3 57.5

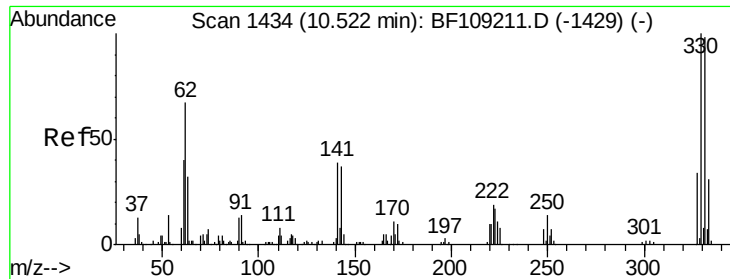


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

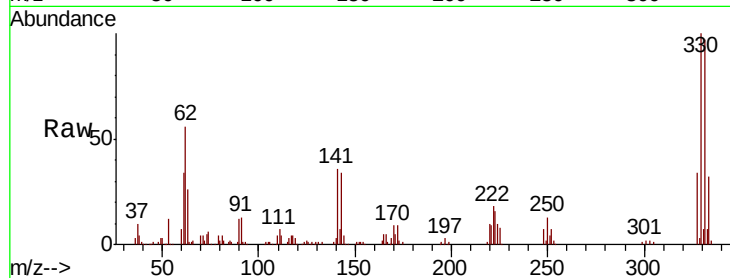




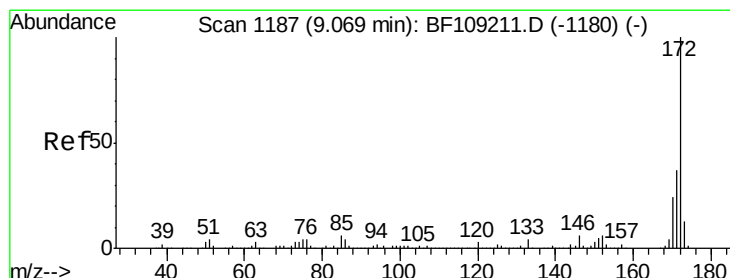
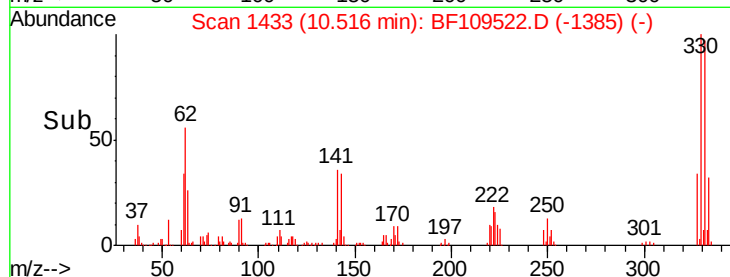
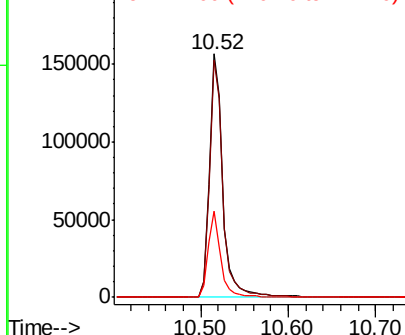
#41
 2,4,6-Tribromophenol
 Concen: 85.849 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF109522.D
 Acq: 3 Oct 2018 1:26

Instrument :
 BNA_F
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 092818-JETT-F-D-B

Tgt Ion:330 Resp: 166652
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 33.5 29.9 44.9

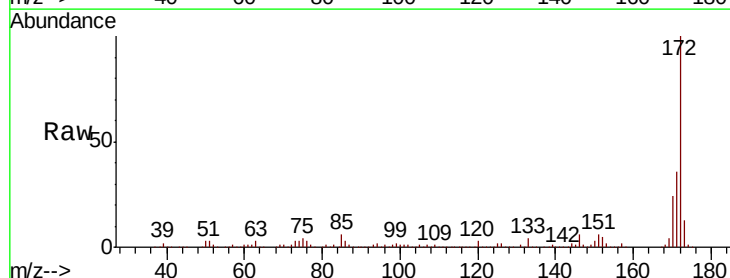


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

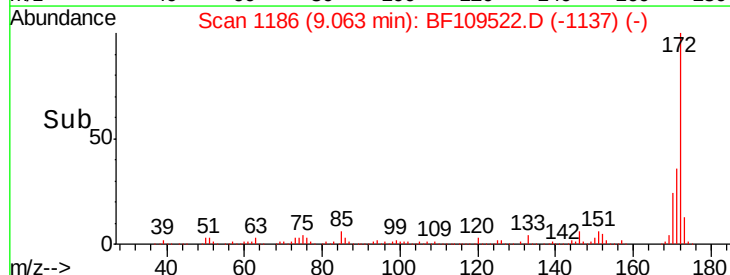
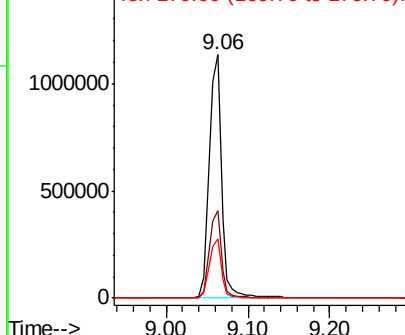


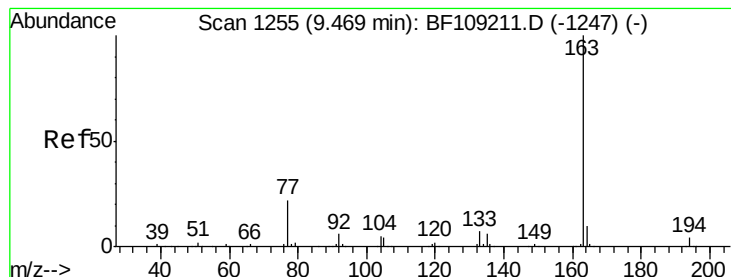
#44
 2-Fluorobiphenyl
 Concen: 90.978 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109522.D
 Acq: 3 Oct 2018 1:26

Tgt Ion:172 Resp: 1187874
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.4 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: 8.155 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.03 min

Lab File: BF109522.D

Acq: 3 Oct 2018 1:26

Instrument :

BNA_F

ClientSampleId :

092818-JETT-F-D-B

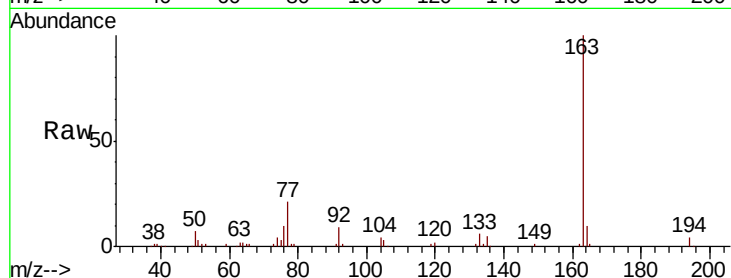
Tgt Ion:163 Resp: 116799

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

164 10.2 8.2 12.2

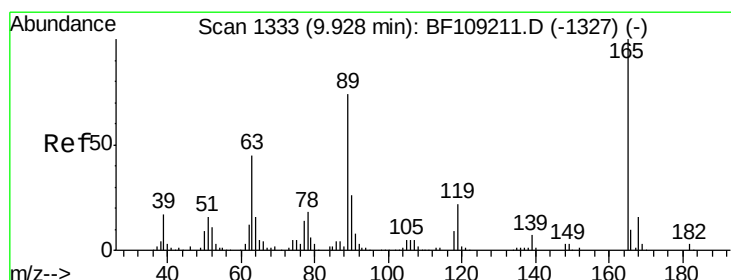
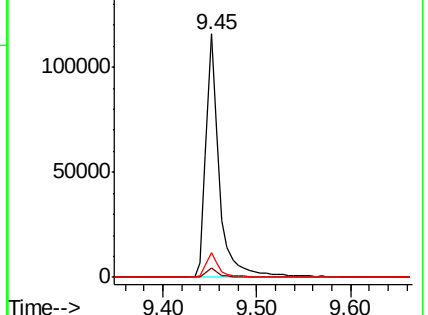
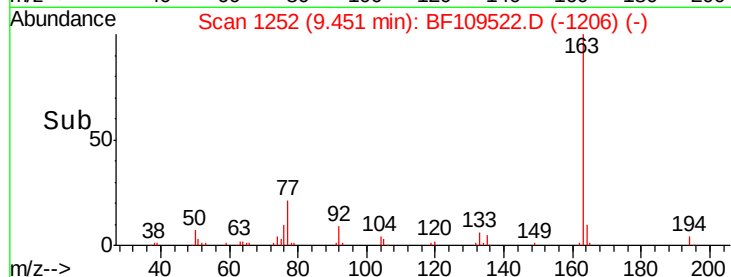


Abundance

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



#56

2,4-Dinitrotoluene

Concen: 6.765 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.21 min

Lab File: BF109522.D

Acq: 3 Oct 2018 1:26

Tgt Ion:165 Resp: 24280

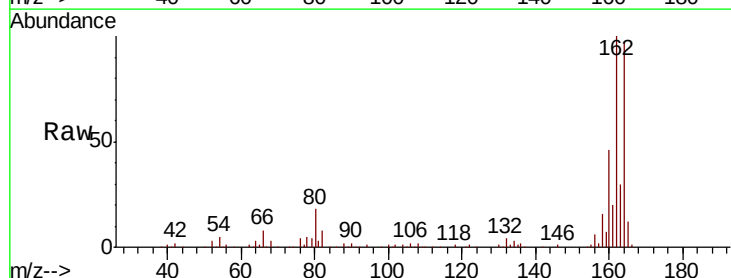
Ion Ratio Lower Upper

165 100

63 1.7 36.4 54.6#

89 1.7 57.8 86.6#

182 0.0 1.6 2.4#



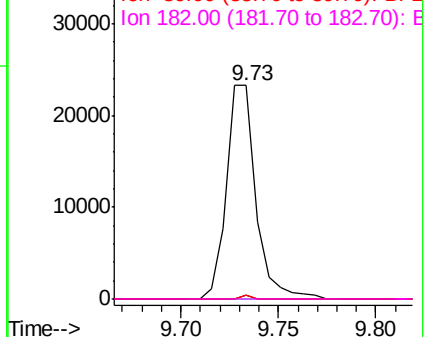
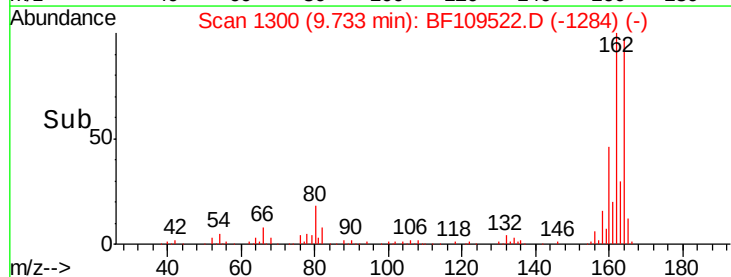
Abundance

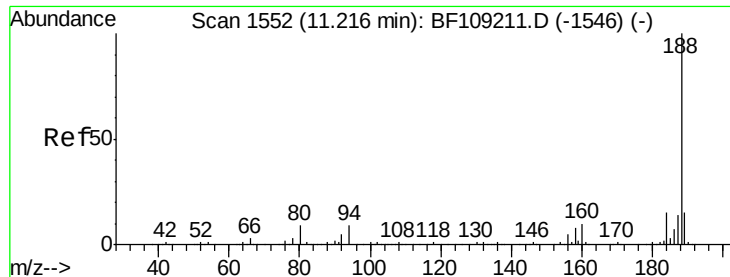
Ion 165.00 (164.70 to 165.70): E

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

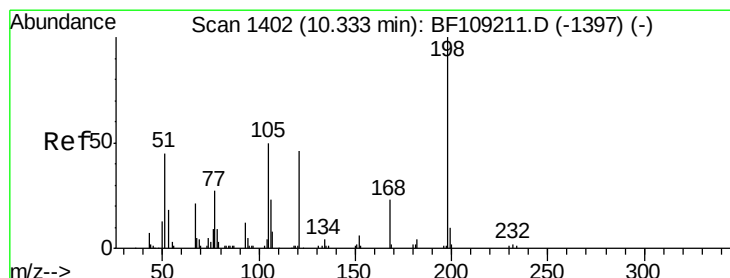
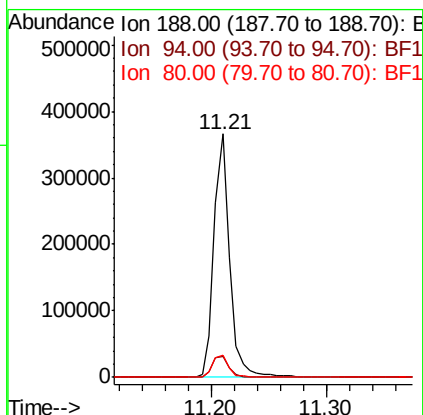
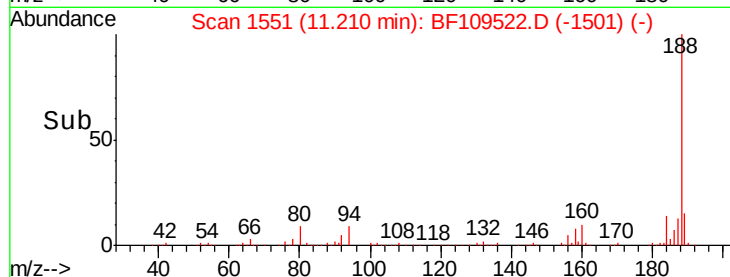
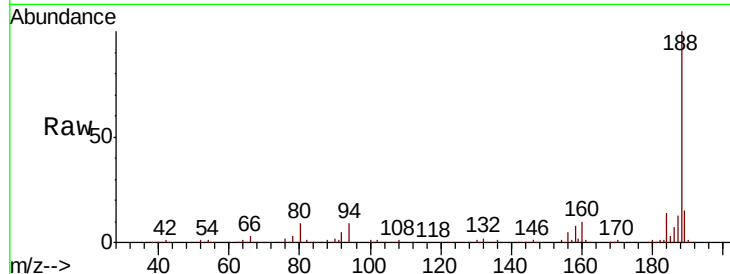




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109522.D
Acq: 3 Oct 2018 1:26

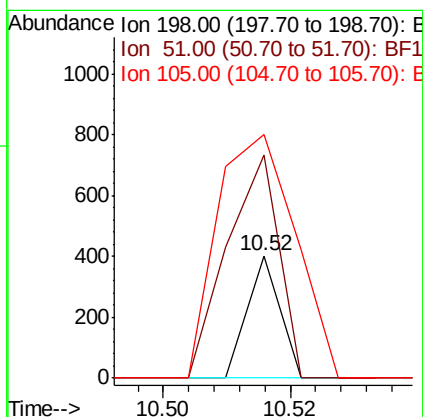
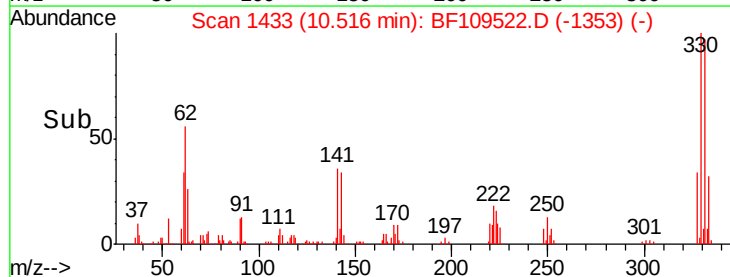
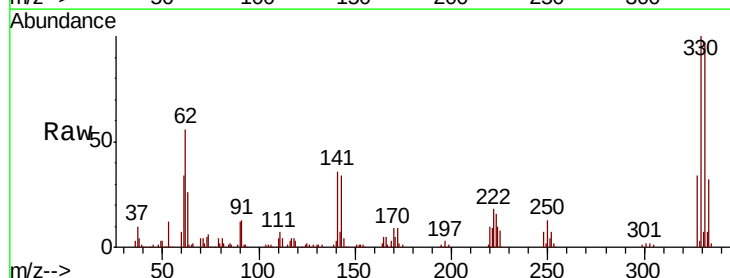
Instrument :
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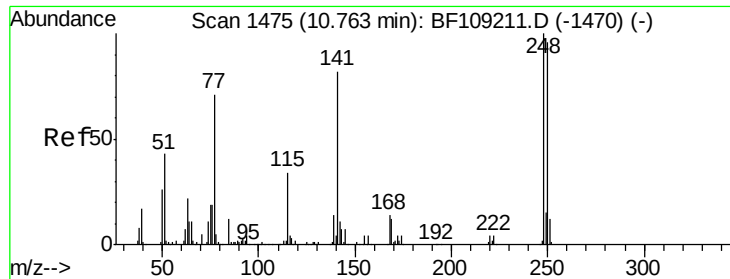
Tgt Ion:188 Resp: 345290
Ion Ratio Lower Upper
188 100
94 8.5 8.5 12.7
80 8.9 9.2 13.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 6.608 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.17 min
Lab File: BF109522.D
Acq: 3 Oct 2018 1:26

Tgt Ion:198 Resp: 142
Ion Ratio Lower Upper
198 100
51 182.5 37.7 77.7#
105 199.5 36.3 76.3#

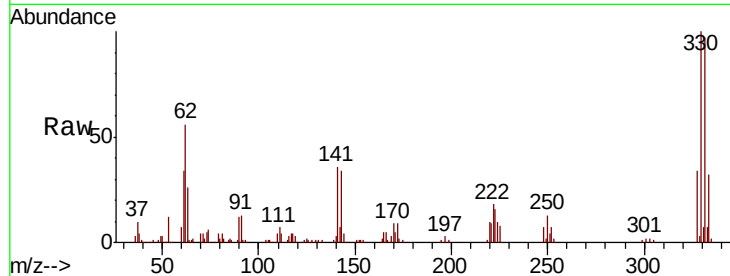




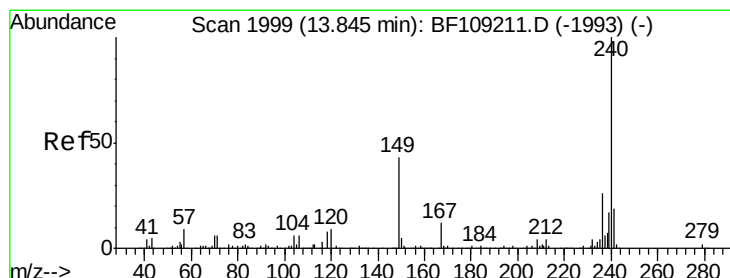
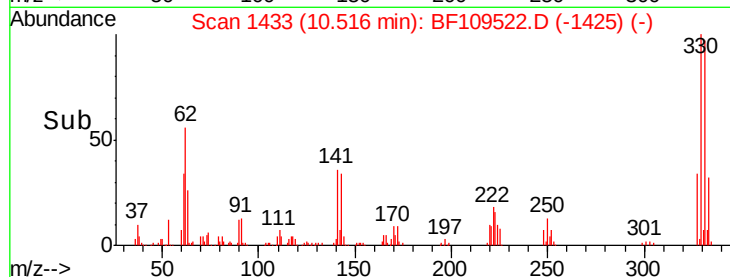
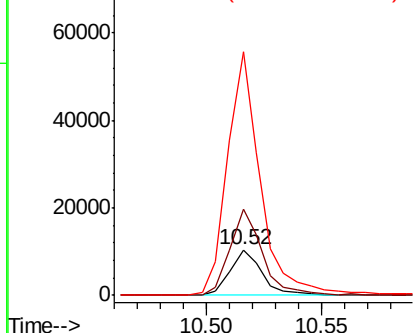
#66
4-Bromophenyl-phenylether
Concen: 2.606 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF109522.D
Acq: 3 Oct 2018 1:26

Instrument :
BNA_F
ClientSampleId :
092818-JETT-F-D-B

Tgt Ion:248 Resp: 9992
Ion Ratio Lower Upper
248 100
250 189.2 76.9 115.3#
141 533.4 74.4 111.6#

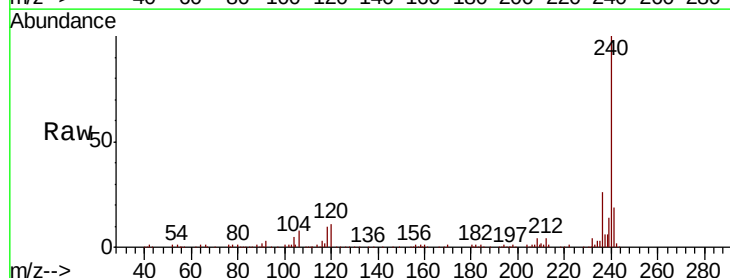


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

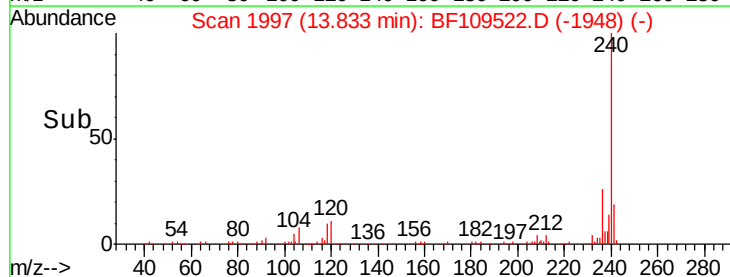
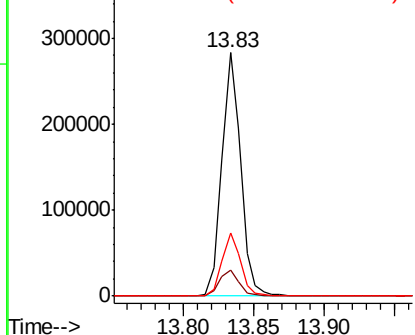


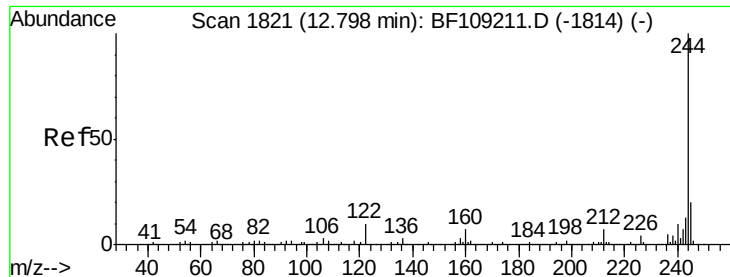
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF109522.D
Acq: 3 Oct 2018 1:26

Tgt Ion:240 Resp: 263562
Ion Ratio Lower Upper
240 100
120 10.7 9.5 14.3
236 25.9 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: 96.255 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109522.D

Acq: 3 Oct 2018 1:26

Instrument :

BNA_F

ClientSampleId :

092818-JETT-F-D-B

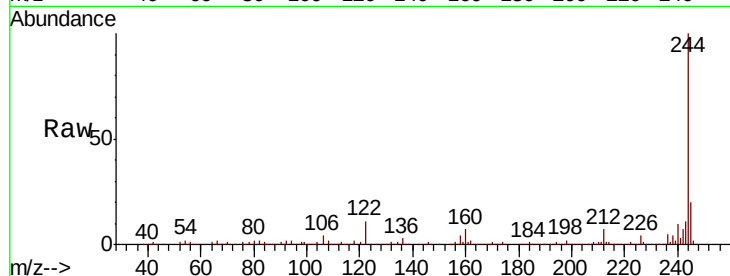
Tgt Ion:244 Resp: 1033724

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

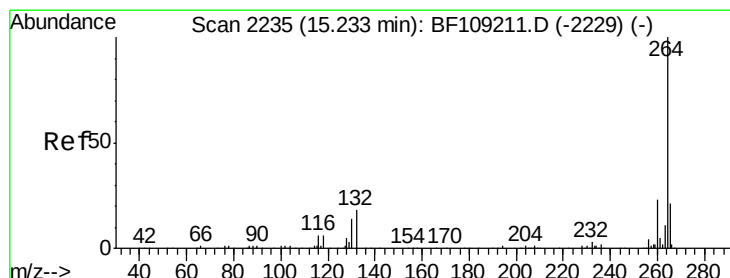
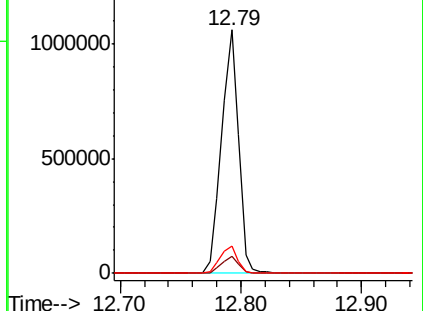
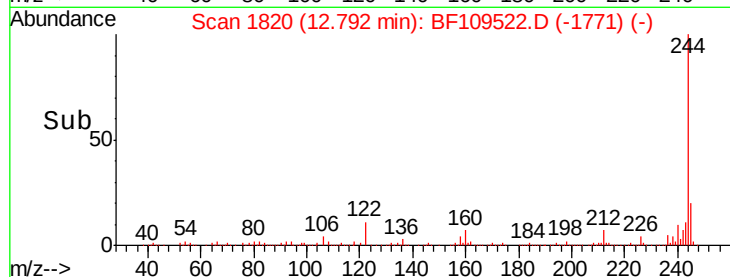
122 11.2 11.0 16.4



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: 15.23 min Scan# 2235

Delta R.T. -0.01 min

Lab File: BF109522.D

Acq: 3 Oct 2018 1:26

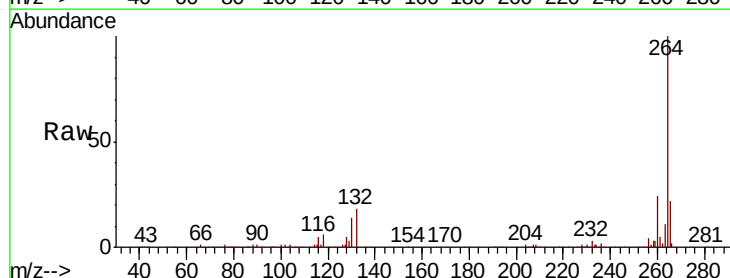
Tgt Ion:264 Resp: 271874

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.7 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

