

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092518\
 Data File : BF109313.D
 Acq On : 26 Sep 2018 3:51
 Operator : JU/SJ
 Sample : J5052-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092018-JETT-F-D-S

Quant Time: Sep 26 08:26:32 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

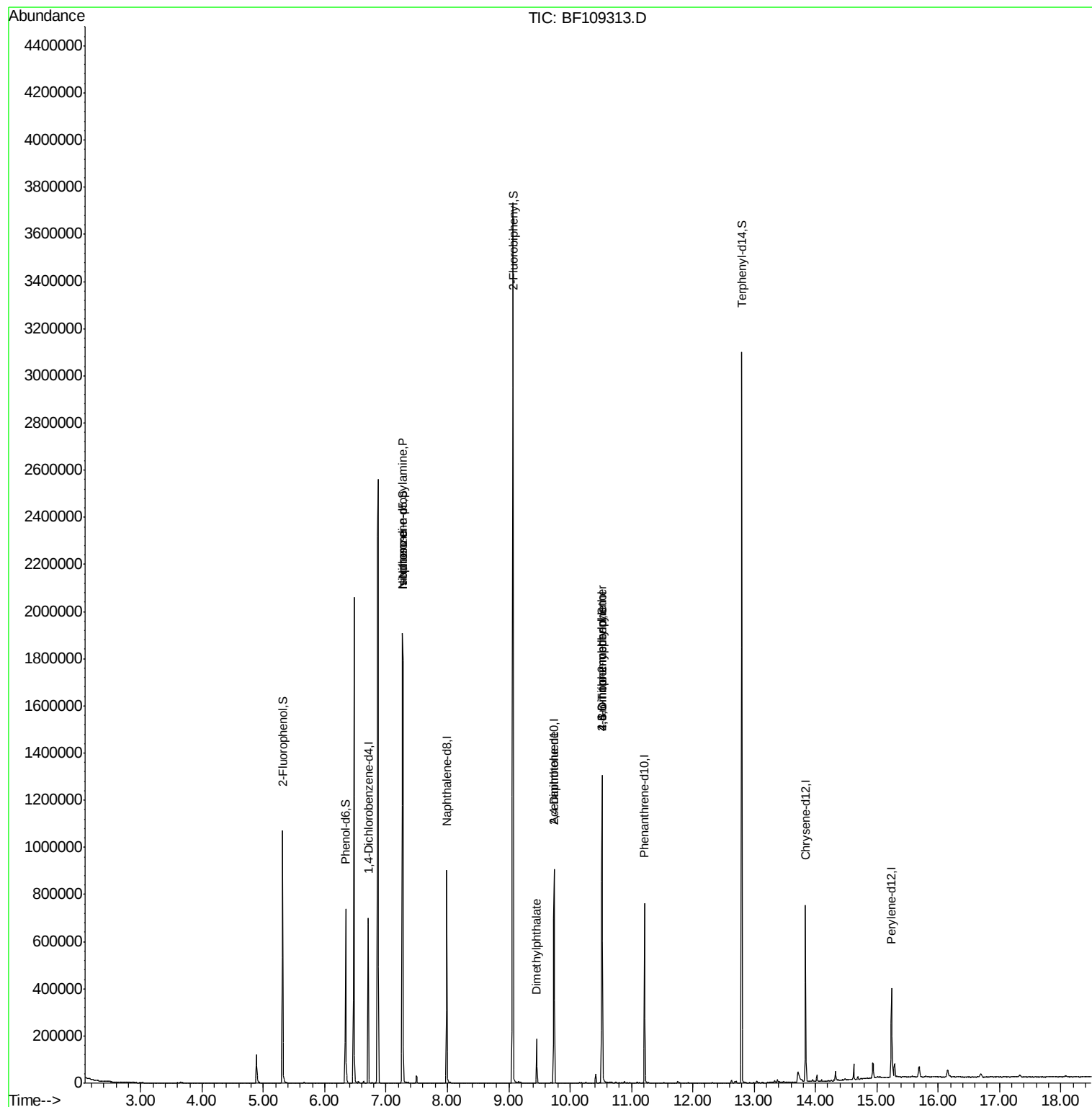
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	106707	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	390994	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	166984	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	267154	20.00	ng	0.00
75) Chrysene-d12	13.84	240	244093	20.00	ng	0.00
86) Perylene-d12	15.24	264	176577	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	290415	44.83	ng	0.00
7) Phenol-d6	6.34	99	233154	28.20	ng	-0.02
23) Nitrobenzene-d5	7.27	82	710336	107.25	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	149214	90.65	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1160339	104.80	ng	0.00
78) Terphenyl-d14	12.80	244	1052104	105.78	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	96260	17.770	ng	# 79
25) Isophorone	7.27	82	690617	57.903	ng	# 64
49) Dimethylphthalate	9.46	163	69983	5.762	ng	# 99
56) 2,4-Dinitrotoluene	9.74	165	20644	6.783	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	139	6.632	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	9085	3.062	ng	# 1

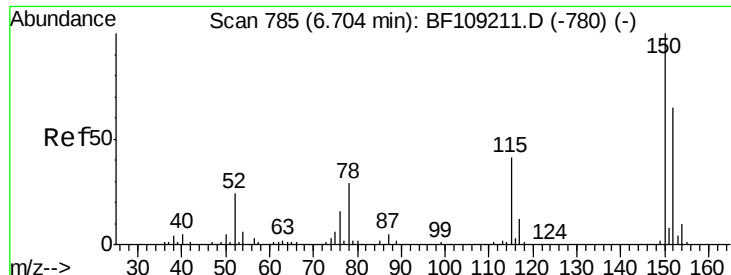
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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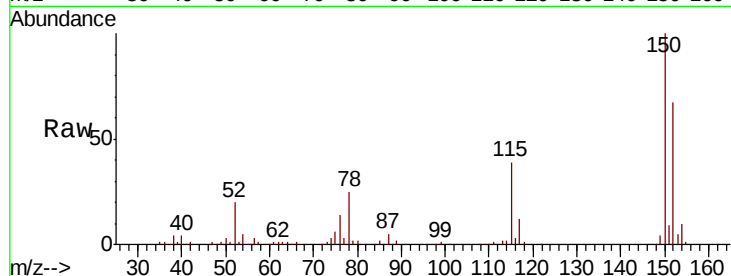


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF109313.D
Acq: 26 Sep 2018 3:51

Instrument :
BNA_F
ClientSampleId :
092018-JETT-F-D-S

Tgt Ion	Ratio	Lower	Upper
152	100		
150	150.2	124.6	186.8
115	58.3	50.1	75.1

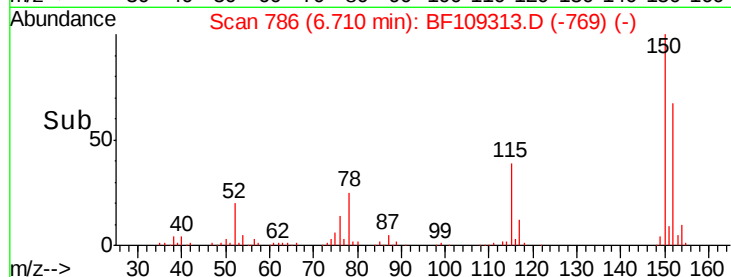
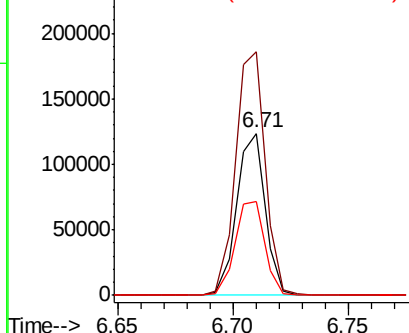


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

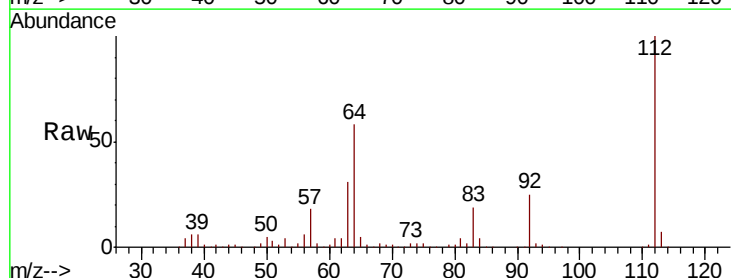
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 44.827 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109313.D
Acq: 26 Sep 2018 3:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	47.9	71.9
63	31.0	23.7	35.5

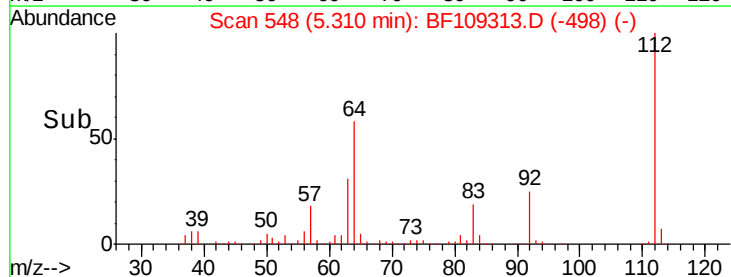
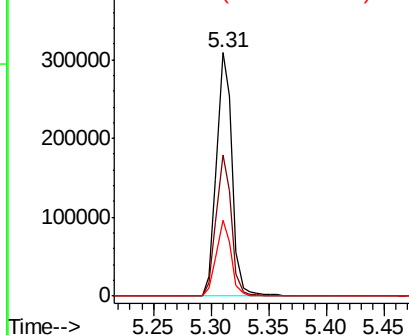


Abundance

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: 28.203 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109313.D

Acq: 26 Sep 2018 3:51

Instrument :

BNA_F

ClientSampleId :

092018-JETT-F-D-S

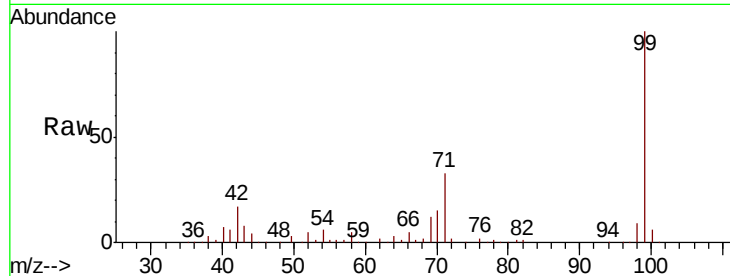
Tgt Ion: 99 Resp: 233154

Ion Ratio Lower Upper

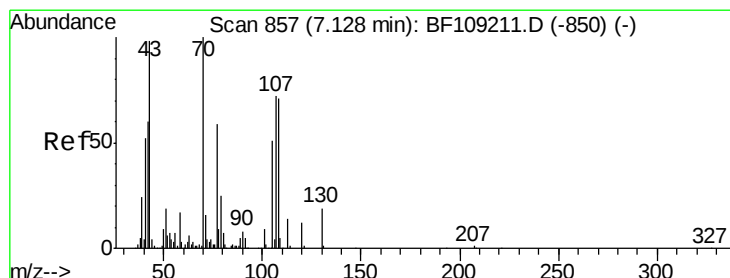
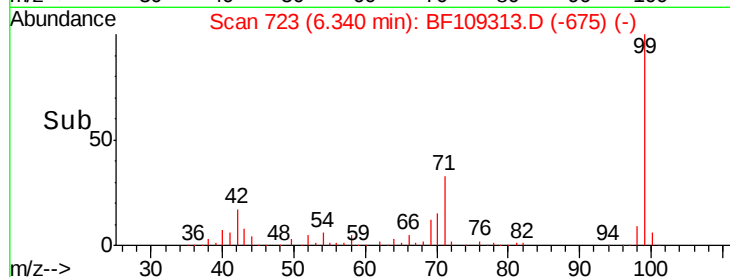
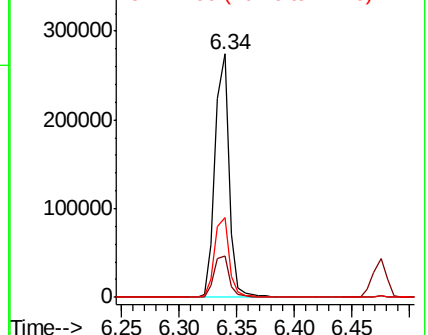
99 100

42 17.0 14.5 21.7

71 32.9 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: 17.770 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.12 min

Lab File: BF109313.D

Acq: 26 Sep 2018 3:51

Tgt Ion: 70 Resp: 96260

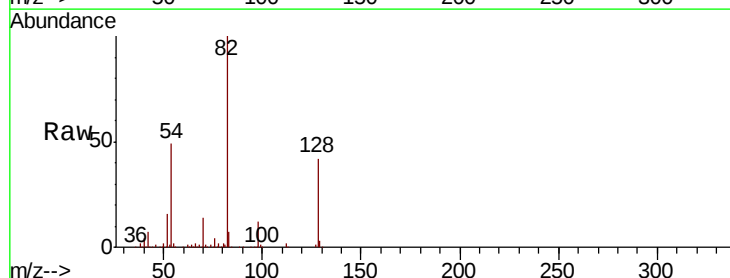
Ion Ratio Lower Upper

70 100

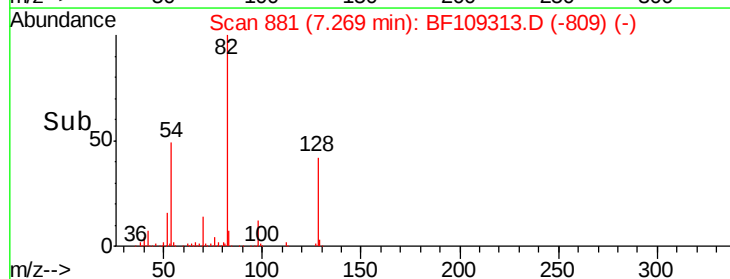
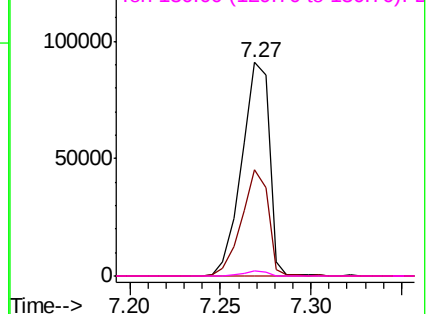
42 49.6 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 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: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109313.D

Acq: 26 Sep 2018 3:51

Instrument :

BNA_F

ClientSampleId :

092018-JETT-F-D-S

Tgt Ion:136 Resp: 390994

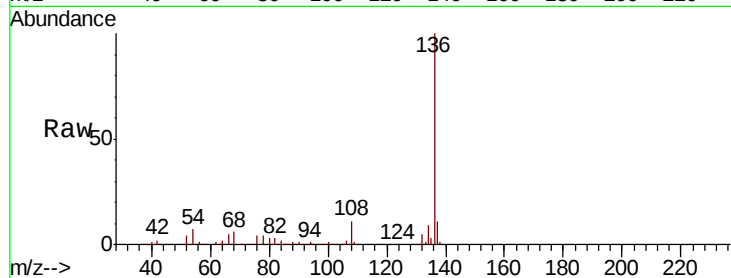
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.5 6.6 9.8

68 6.0 5.0 7.4

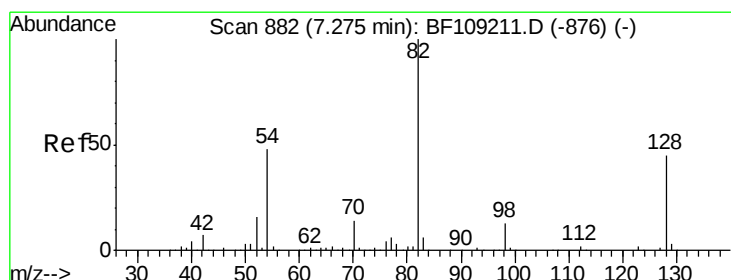
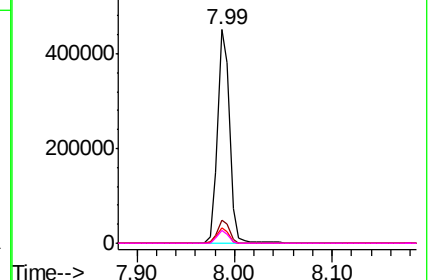
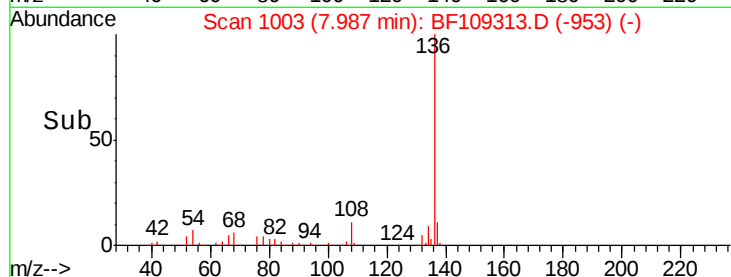


Abundance Ion 136.00 (135.70 to 136.70): E

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: 107.245 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF109313.D

Acq: 26 Sep 2018 3:51

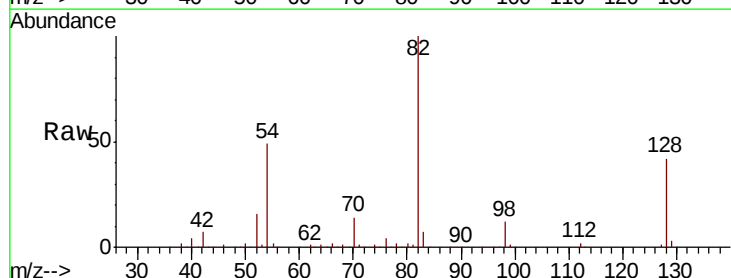
Tgt Ion: 82 Resp: 710336

Ion Ratio Lower Upper

82 100

128 42.2 36.1 54.1

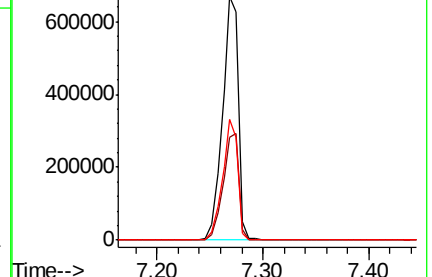
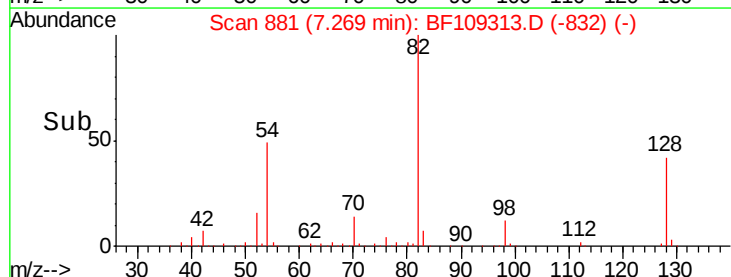
54 49.3 41.4 62.2

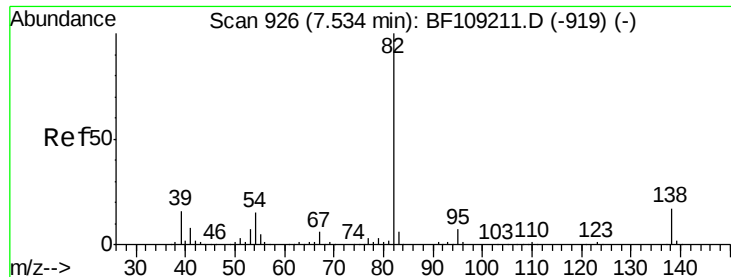


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

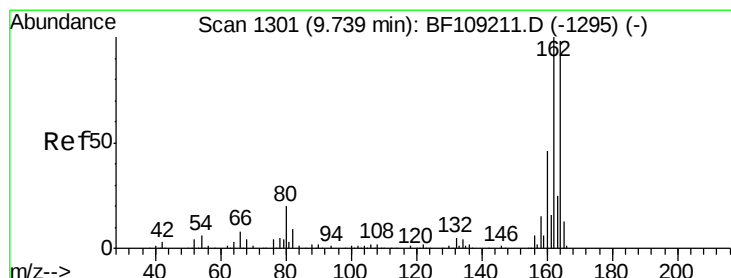
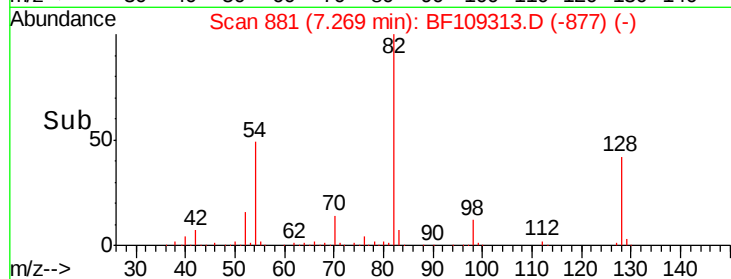
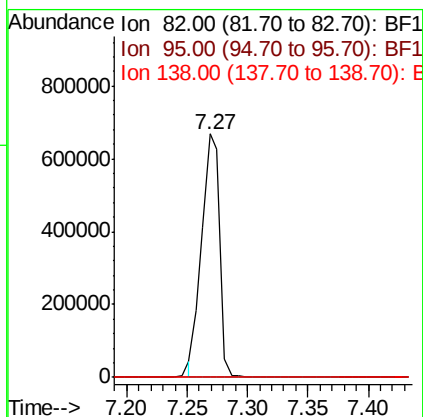
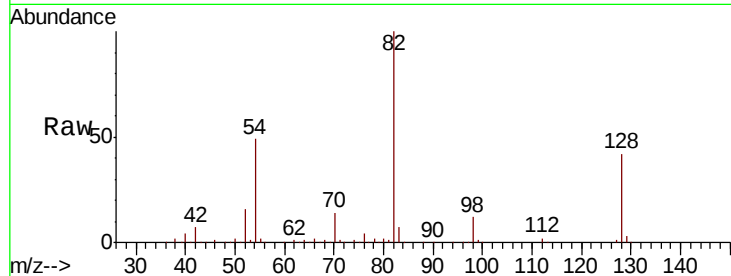




#25
Isophorone
Concen: 57.903 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109313.D
Acq: 26 Sep 2018 3:51

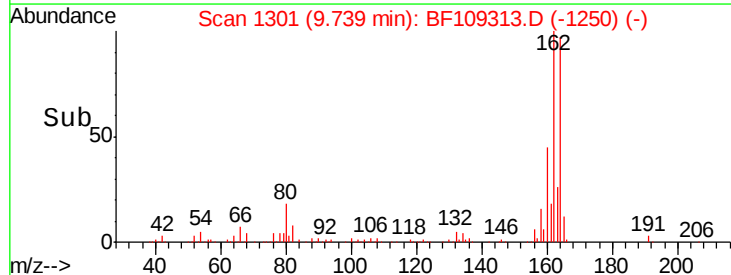
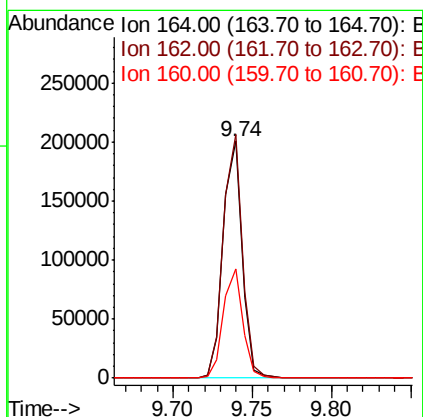
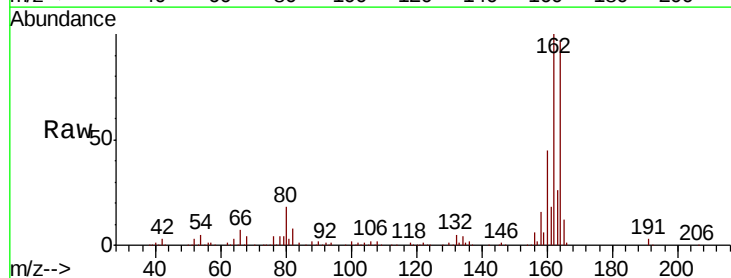
Instrument :
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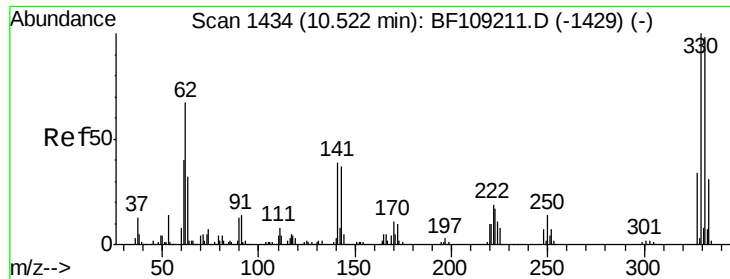
Tgt Ion: 82 Resp: 690617
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF109313.D
Acq: 26 Sep 2018 3:51

Tgt Ion: 164 Resp: 166984
Ion Ratio Lower Upper
164 100
162 102.8 86.1 129.1
160 46.3 38.3 57.5

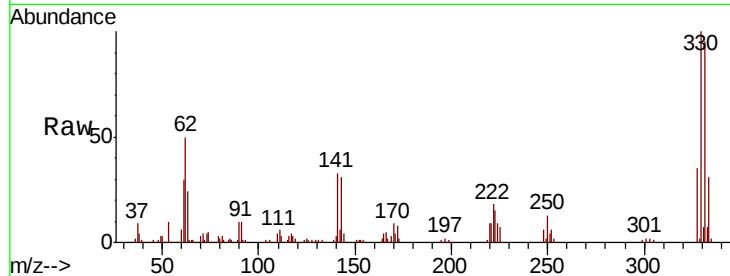




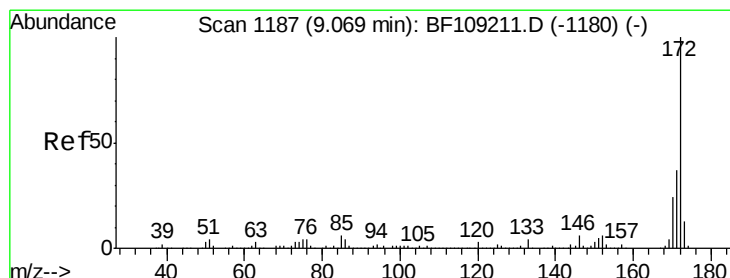
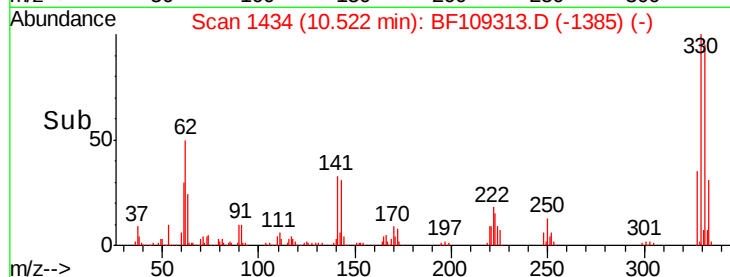
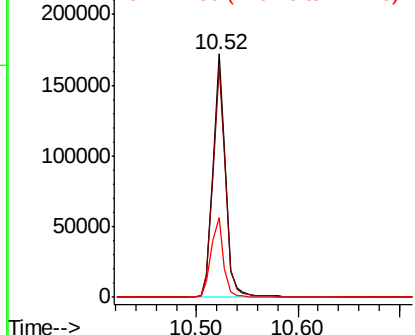
#41
 2,4,6-Tribromophenol
 Concen: 90.646 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109313.D
 Acq: 26 Sep 2018 3:51

Instrument :
 BNA_F
 ClientSampleId :
 092018-JETT-F-D-S

Tgt Ion:330 Resp: 149214
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 32.4 29.9 44.9

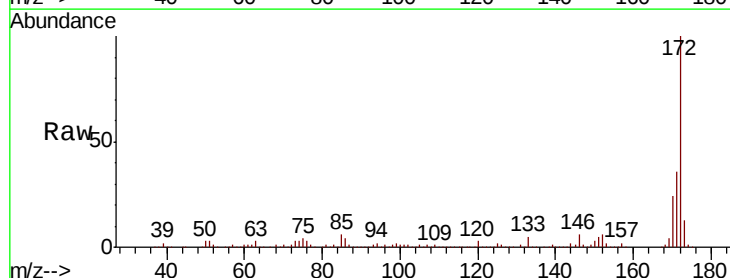


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

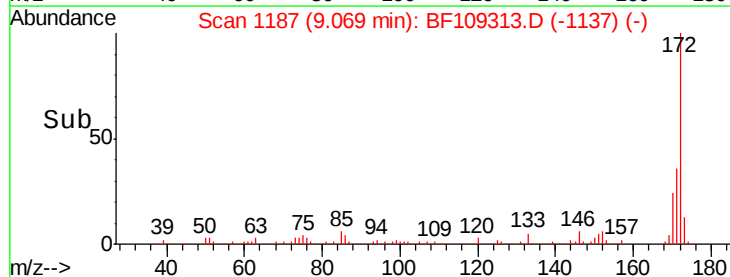
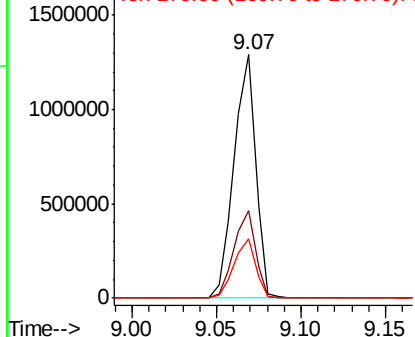


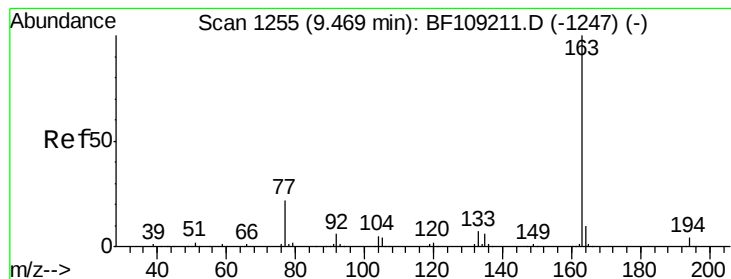
#44
 2-Fluorobiphenyl
 Concen: 104.801 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109313.D
 Acq: 26 Sep 2018 3:51

Tgt Ion:172 Resp: 1160339
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 24.3 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: 5.762 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF109313.D

Acq: 26 Sep 2018 3:51

Instrument :

BNA_F

ClientSampleId :

092018-JETT-F-D-S

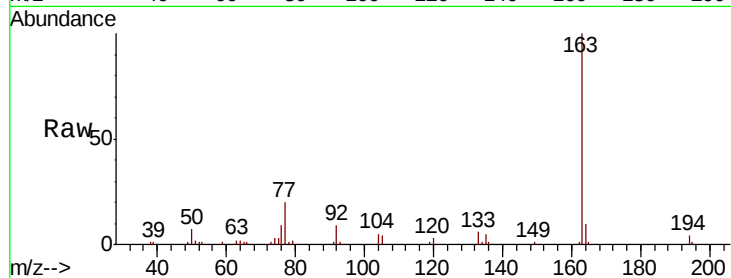
Tgt Ion:163 Resp: 69983

Ion Ratio Lower Upper

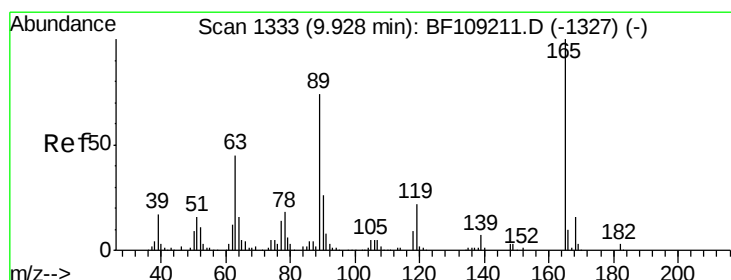
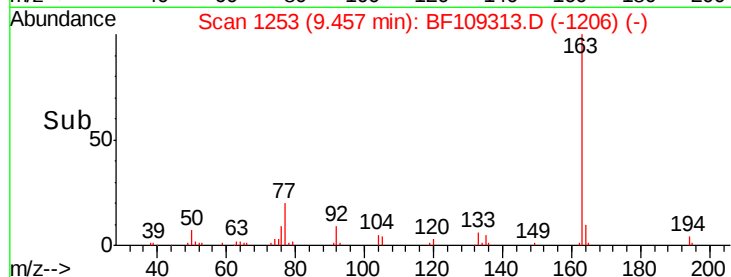
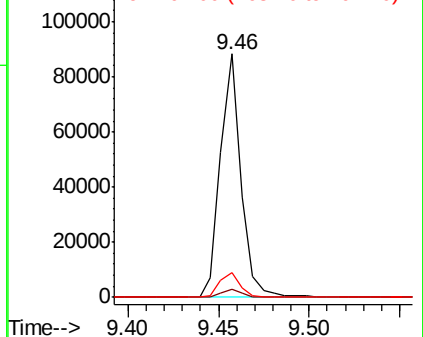
163 100

194 3.6 2.7 4.1

164 9.9 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: 6.783 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.20 min

Lab File: BF109313.D

Acq: 26 Sep 2018 3:51

Tgt Ion:165 Resp: 20644

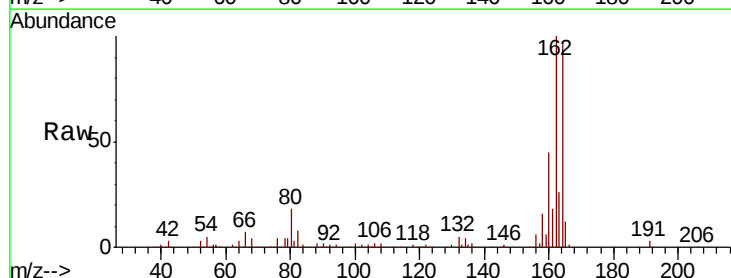
Ion Ratio Lower Upper

165 100

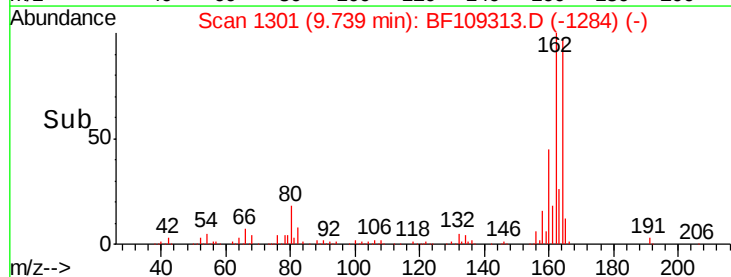
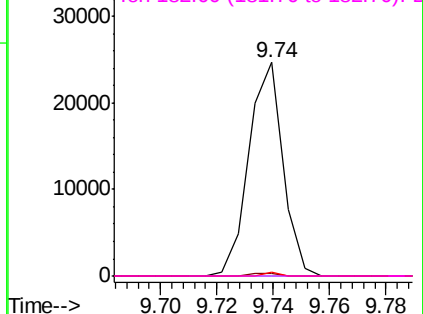
63 1.3 36.4 54.6#

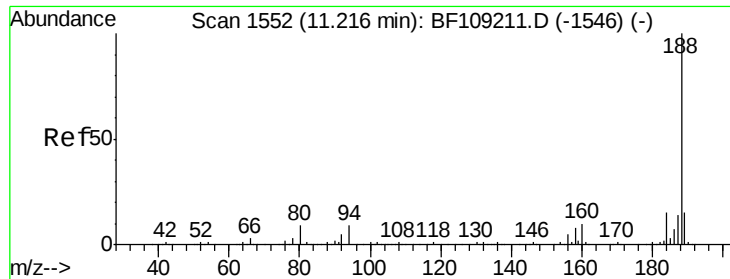
89 1.6 57.8 86.6#

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: BF109313.D

Acq: 26 Sep 2018 3:51

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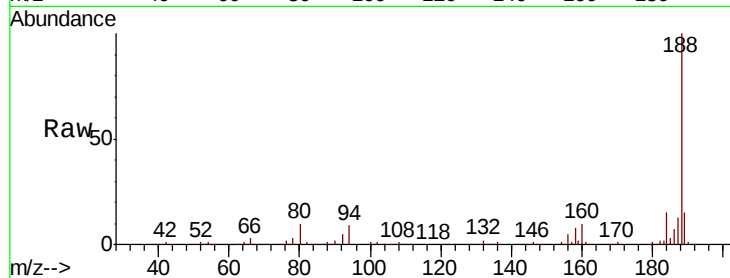
Tgt Ion:188 Resp: 267154

Ion Ratio Lower Upper

188 100

94 9.1 8.5 12.7

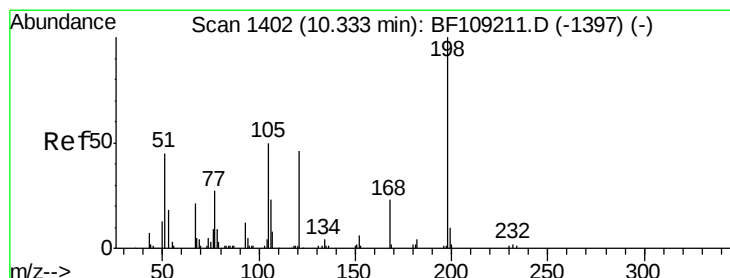
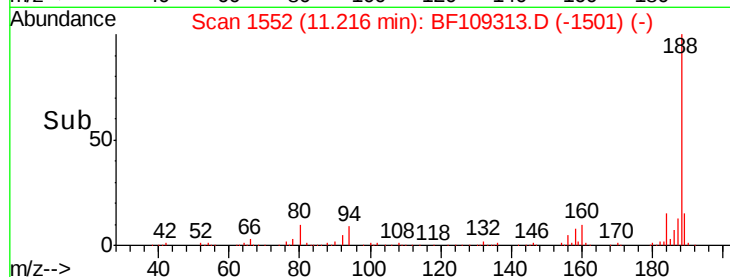
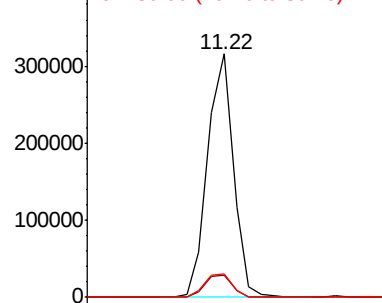
80 9.7 9.2 13.8



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: 6.632 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.18 min

Lab File: BF109313.D

Acq: 26 Sep 2018 3:51

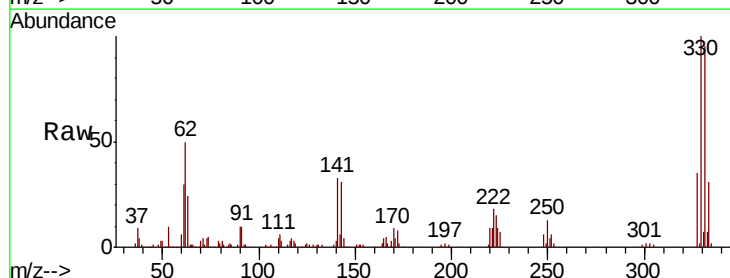
Tgt Ion:198 Resp: 139

Ion Ratio Lower Upper

198 100

51 176.1 37.7 77.7#

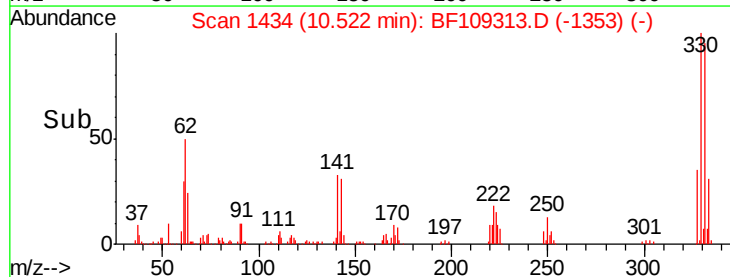
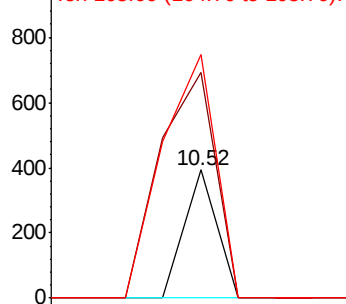
105 189.6 36.3 76.3#



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

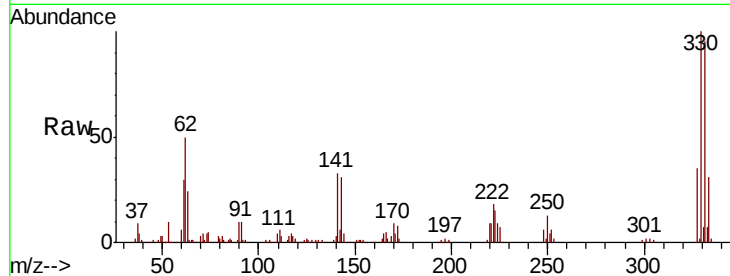




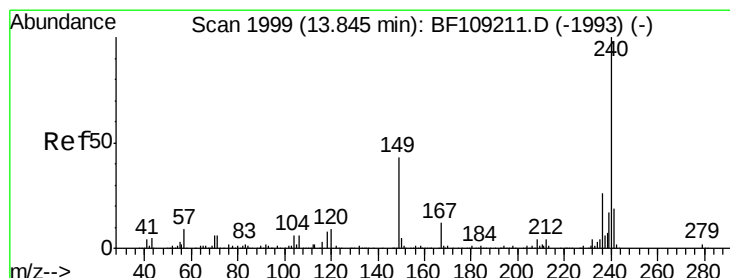
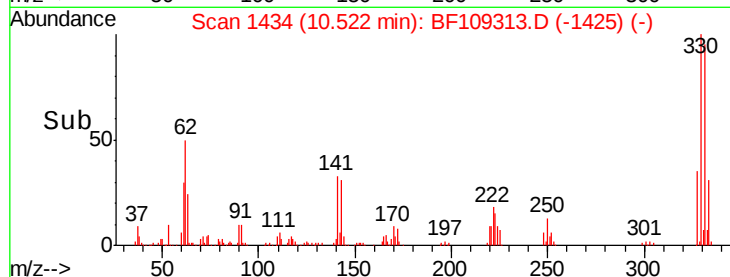
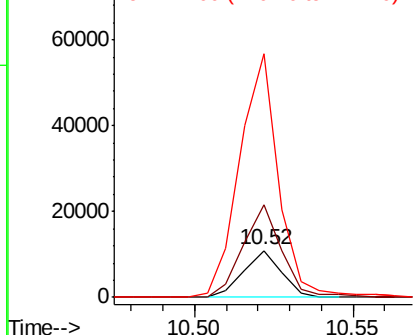
#66
4-Bromophenyl-phenylether
Concen: 3.062 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109313.D
Acq: 26 Sep 2018 3:51

Instrument :
BNA_F
ClientSampleId :
092018-JETT-F-D-S

Tgt Ion:248 Resp: 9085
Ion Ratio Lower Upper
248 100
250 196.9 76.9 115.3#
141 519.1 74.4 111.6#

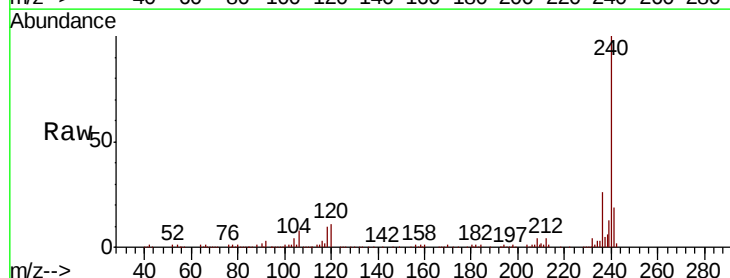


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

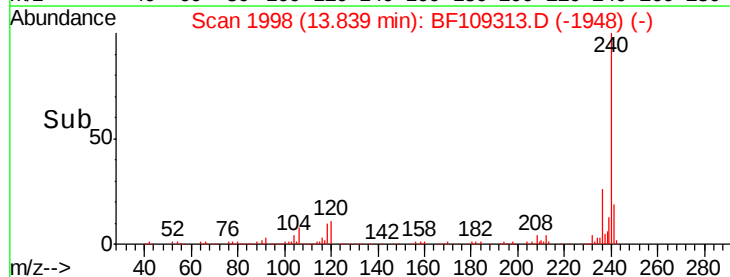
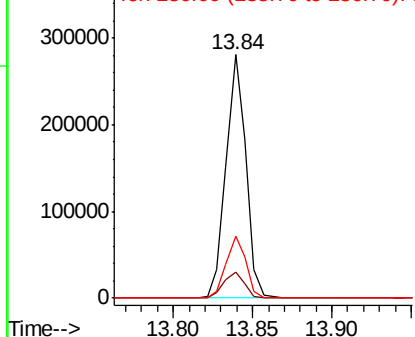


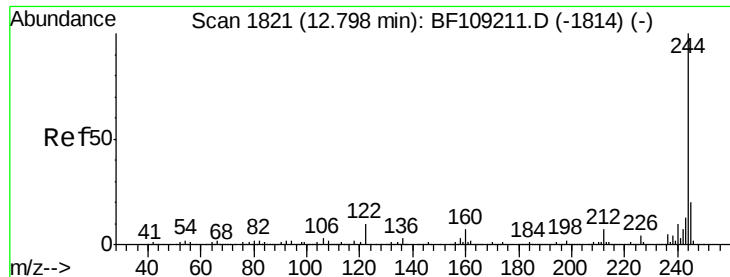
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109313.D
Acq: 26 Sep 2018 3:51

Tgt Ion:240 Resp: 244093
Ion Ratio Lower Upper
240 100
120 10.9 9.5 14.3
236 25.6 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: 105.781 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109313.D

Acq: 26 Sep 2018 3:51

Instrument :

BNA_F

ClientSampleId :

092018-JETT-F-D-S

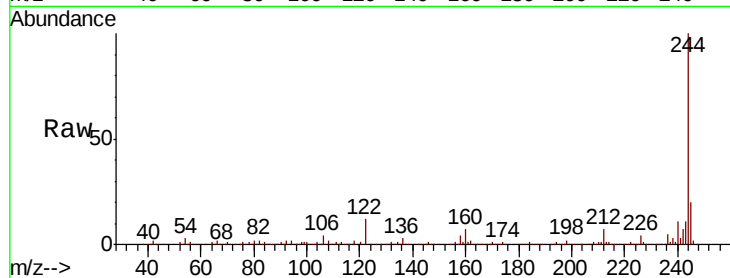
Tgt Ion:244 Resp: 1052104

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

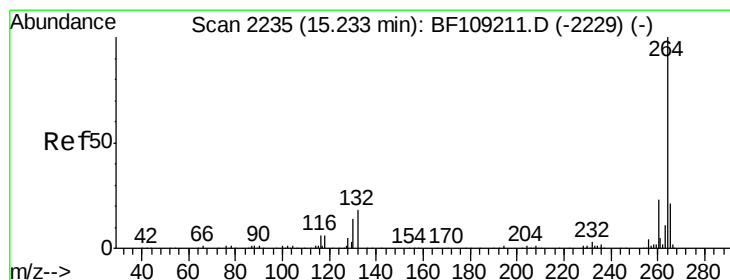
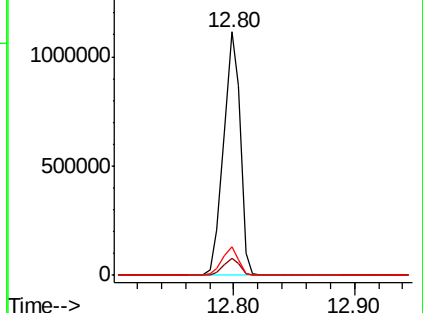
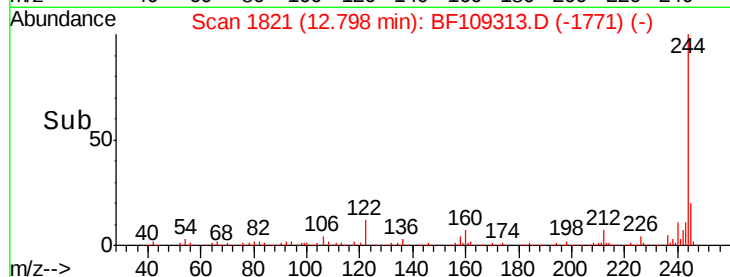
122 11.9 11.0 16.4



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# 2236

Delta R.T. 0.00 min

Lab File: BF109313.D

Acq: 26 Sep 2018 3:51

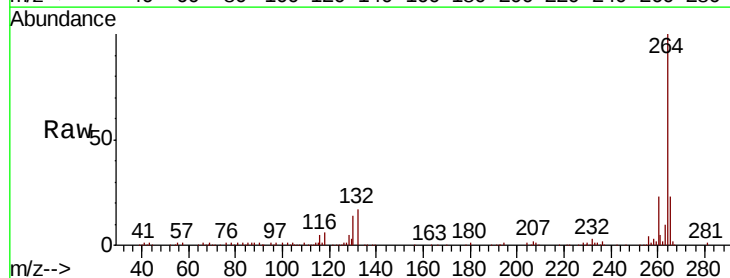
Tgt Ion:264 Resp: 176577

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 23.0 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

