

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100318\
 Data File : BF109559.D
 Acq On : 3 Oct 2018 20:55
 Operator : JU/SJ
 Sample : J5221-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 100118-JETT-E-D-B

Quant Time: Oct 04 02:19:23 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

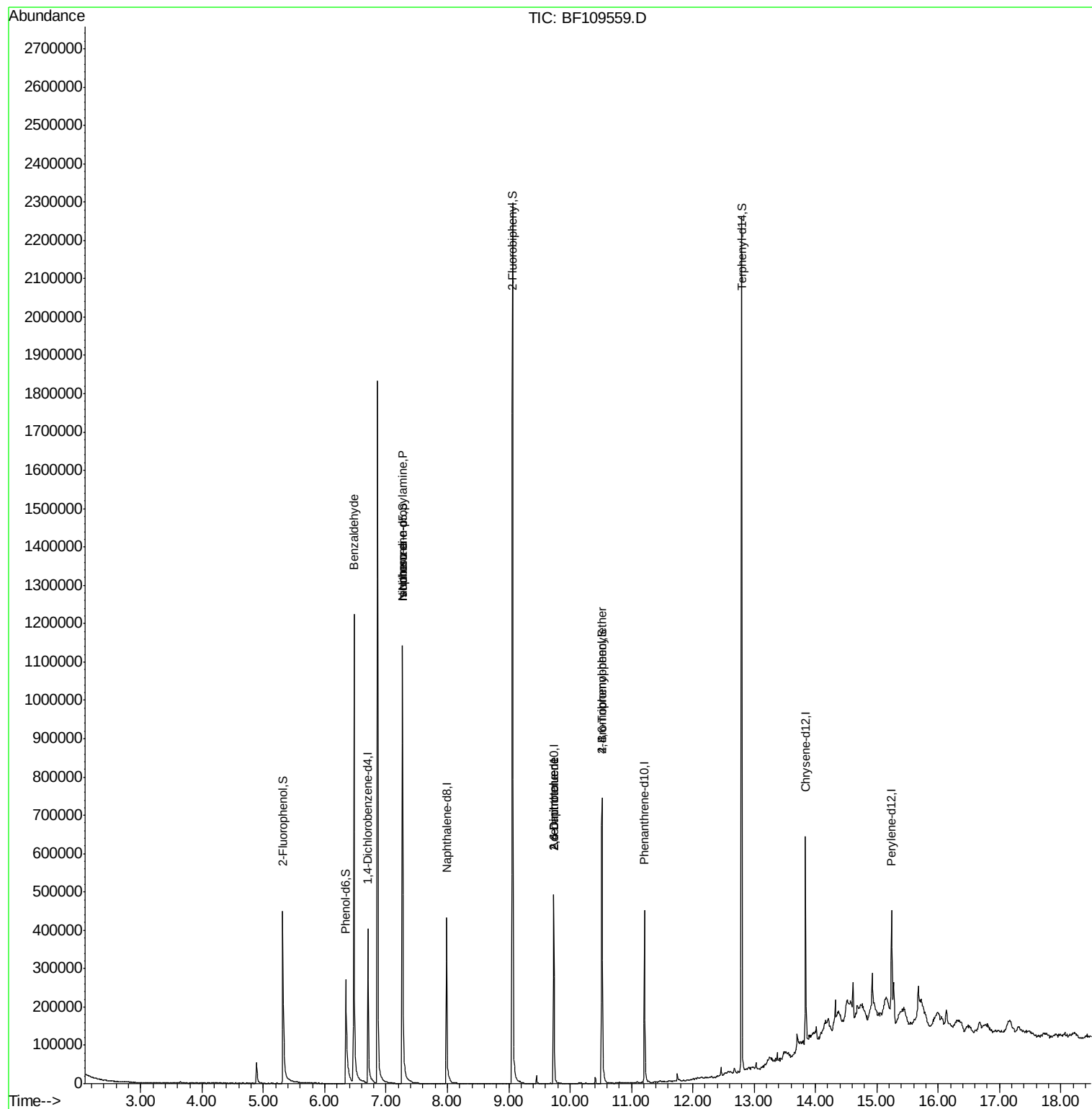
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	73164	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	243416	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	96962	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	199305	20.00	ng	0.00
75) Chrysene-d12	13.84	240	189252	20.00	ng	0.00
86) Perylene-d12	15.24	264	129623	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	192457	43.33	ng	0.00
7) Phenol-d6	6.35	99	151559	26.74	ng	-0.01
23) Nitrobenzene-d5	7.27	82	453615	110.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	108214	113.21	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	755088	117.45	ng	-0.01
78) Terphenyl-d14	12.80	244	853363	110.66	ng	0.00
Target Compounds						
9) Benzaldehyde	6.47	77	8330	2.288	ng	# 69
19) n-Nitroso-di-n-propylamine	7.27	70	61455	16.546	ng	# 76
25) Isophorone	7.27	82	433298	58.354	ng	# 64
50) 2,6-Dinitrotoluene	9.73	165	11490	8.226	ng	# 24
56) 2,4-Dinitrotoluene	9.73	165	11490	6.502	ng	# 21
66) 4-Bromophenyl-phenylether	10.52	248	6252	2.825	ng	# 1

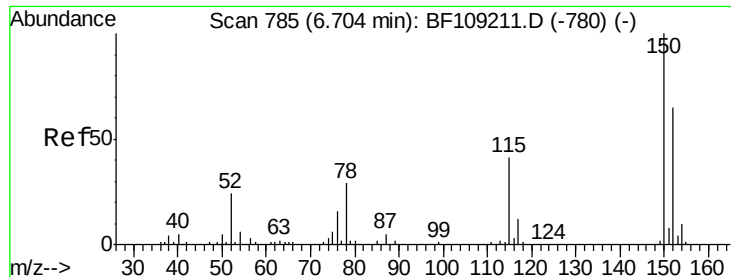
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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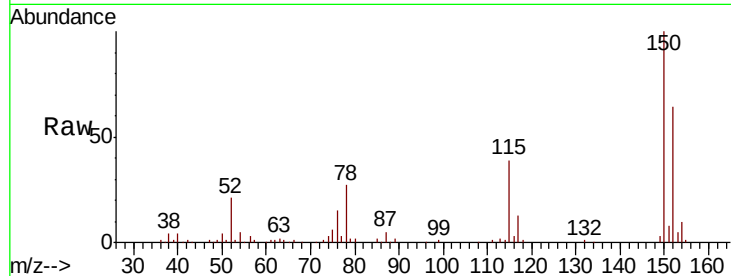




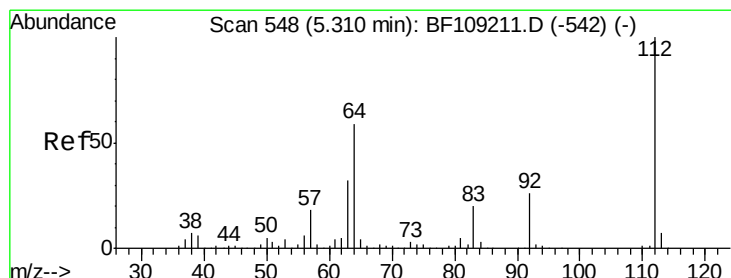
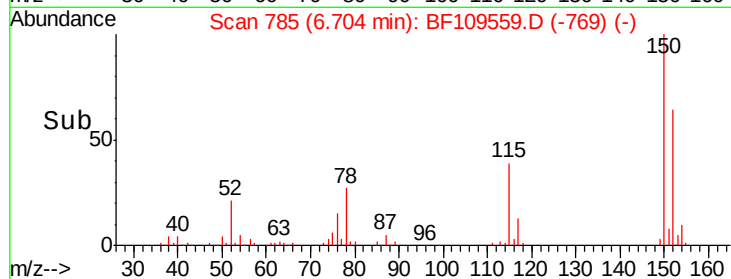
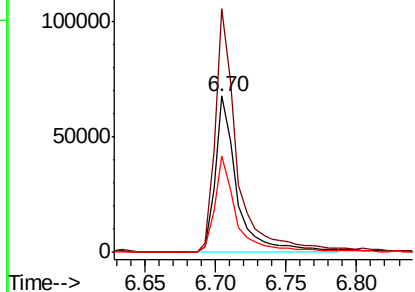
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109559.D
 Acq: 3 Oct 2018 20:55

Instrument :
 BNA_F
 ClientSampleId :
 100118-JETT-E-D-B

Tgt Ion:152 Resp: 73164
 Ion Ratio Lower Upper
 152 100
 150 155.6 124.6 186.8
 115 61.3 50.1 75.1

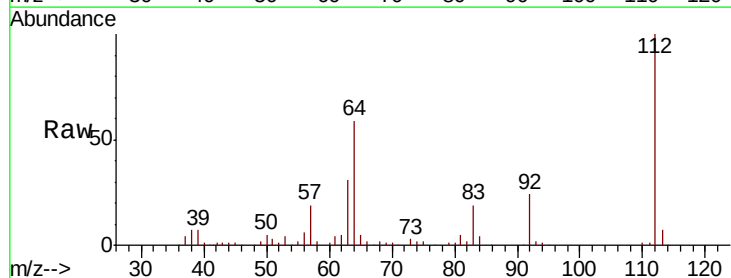


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

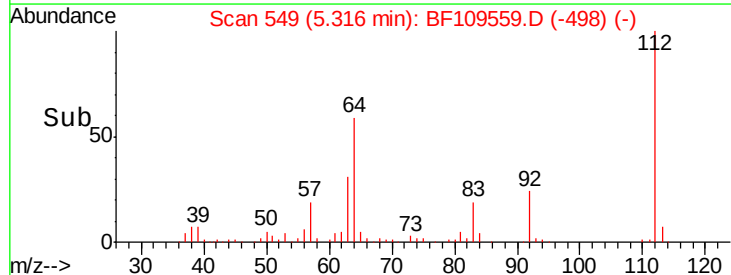
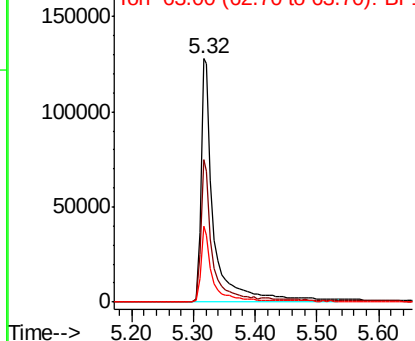


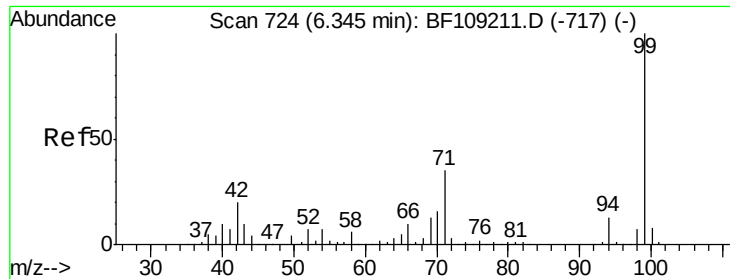
#5
 2-Fluorophenol
 Concen: 43.326 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF109559.D
 Acq: 3 Oct 2018 20:55

Tgt Ion:112 Resp: 192457
 Ion Ratio Lower Upper
 112 100
 64 58.6 47.9 71.9
 63 31.2 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: 26.738 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109559.D

Acq: 3 Oct 2018 20:55

Instrument :

BNA_F

ClientSampleId :

100118-JETT-E-D-B

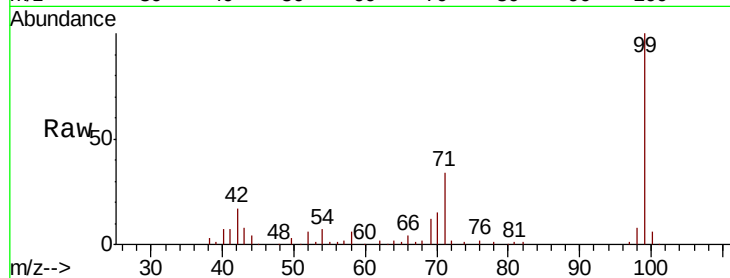
Tgt Ion: 99 Resp: 151559

Ion Ratio Lower Upper

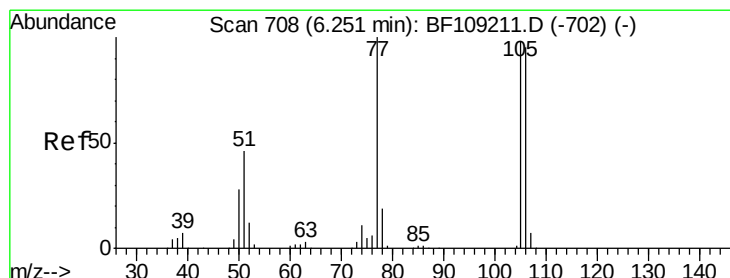
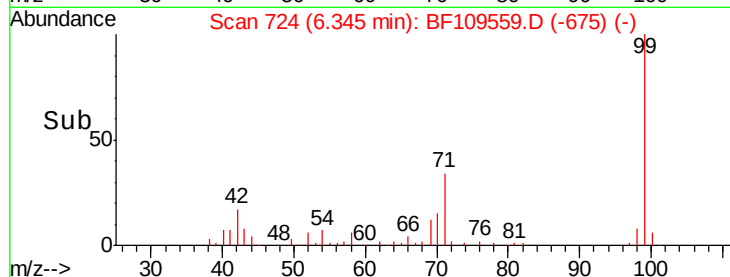
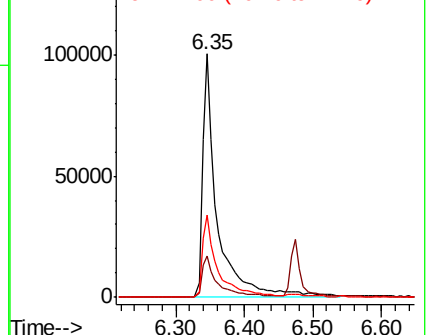
99 100

42 17.3 14.5 21.7

71 33.9 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



#9

Benzaldehyde

Concen: 2.288 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF109559.D

Acq: 3 Oct 2018 20:55

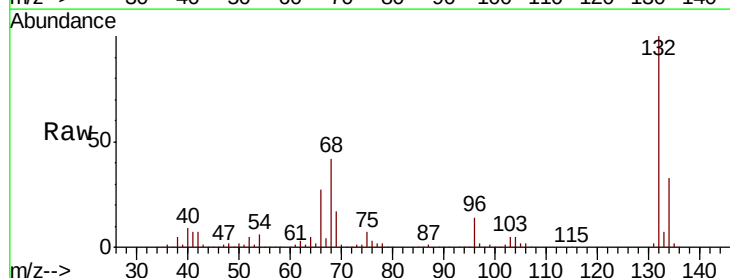
Tgt Ion: 77 Resp: 8330

Ion Ratio Lower Upper

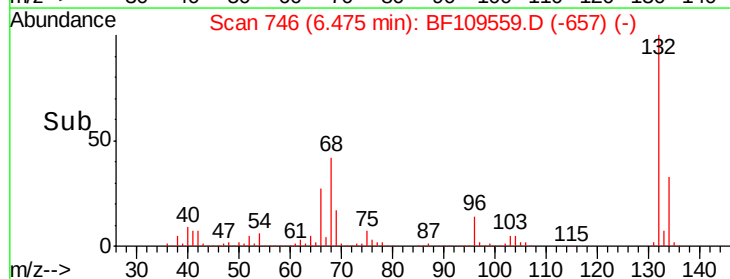
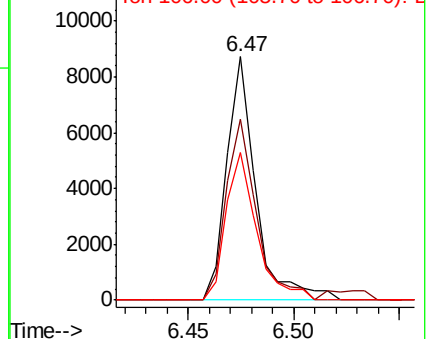
77 100

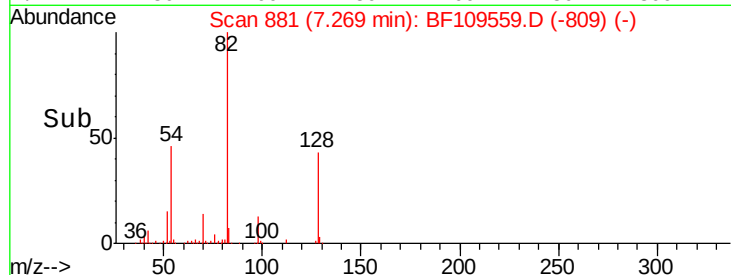
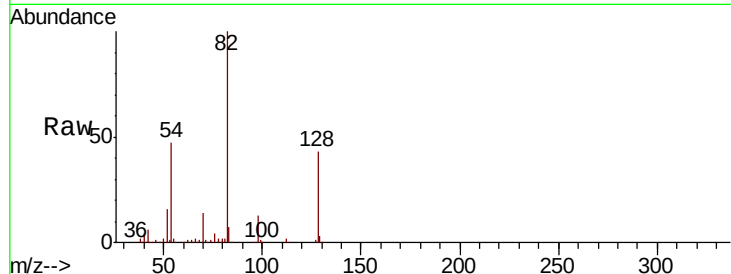
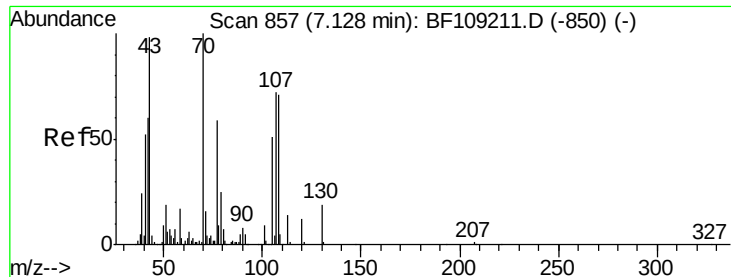
105 74.4 81.1 121.1#

106 60.8 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

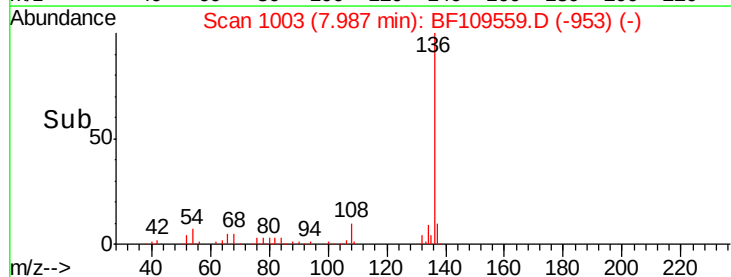
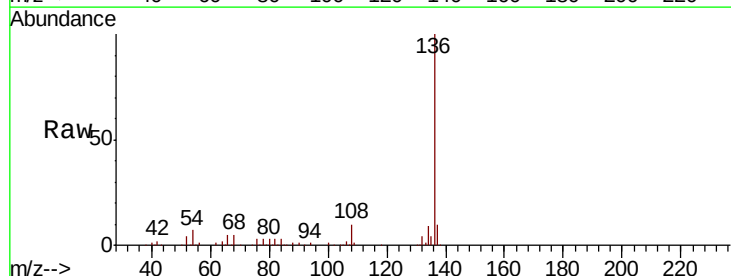
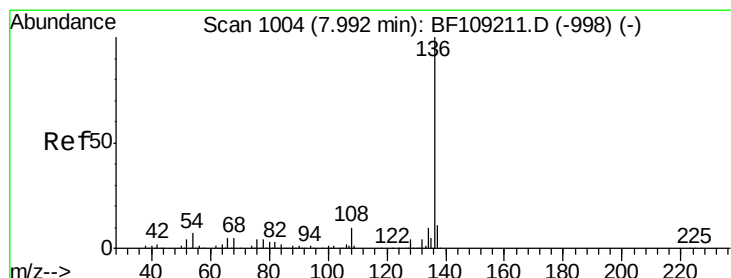
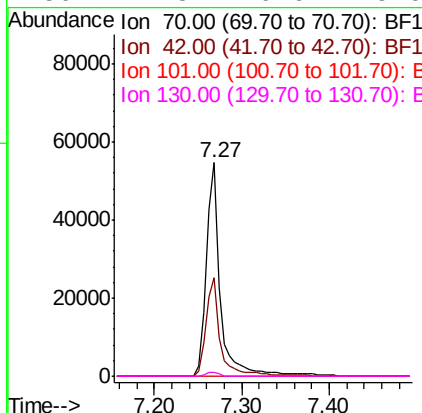




#19
n-Nitroso-di-n-propylamine
Concen: 16.546 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109559.D
Acq: 3 Oct 2018 20:55

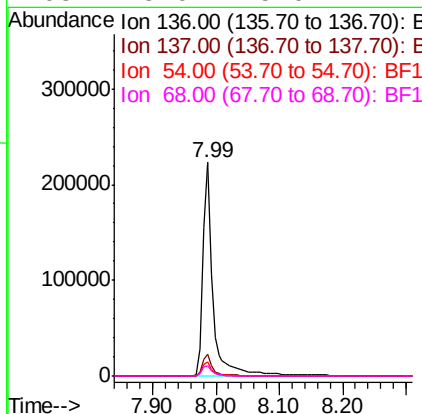
Instrument :
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100118-JETT-E-D-B

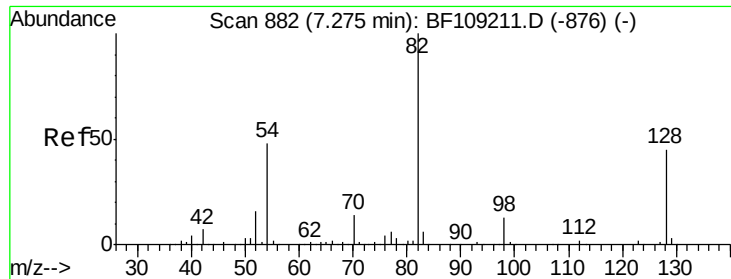
Tgt Ion: 70 Resp: 61455
Ion Ratio Lower Upper
70 100
42 46.1 47.5 71.3#
101 0.0 7.4 11.2#
130 1.8 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109559.D
Acq: 3 Oct 2018 20:55

Tgt Ion: 136 Resp: 243416
Ion Ratio Lower Upper
136 100
137 10.4 8.9 13.3
54 6.5 6.6 9.8#
68 5.0 5.0 7.4#

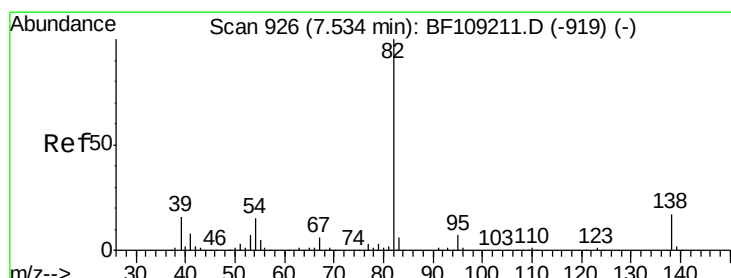
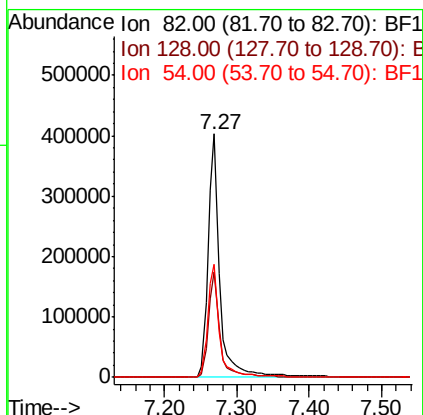
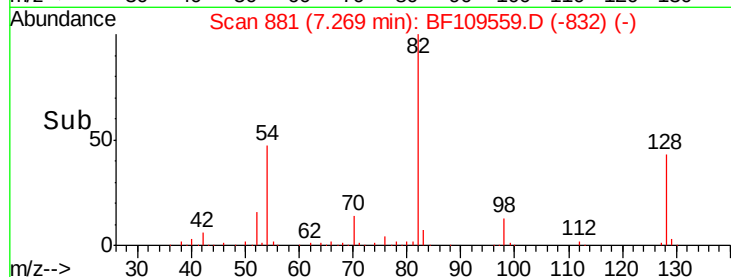
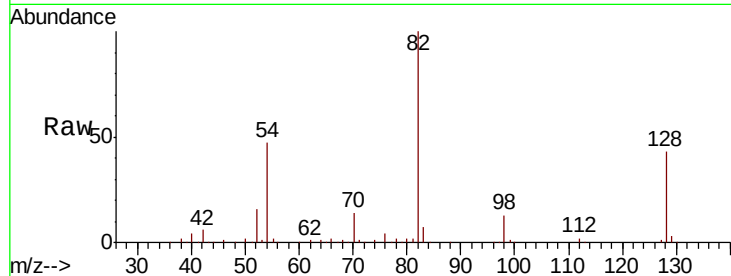




#23
Nitrobenzene-d5
Concen: 110.007 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109559.D
Acq: 3 Oct 2018 20:55

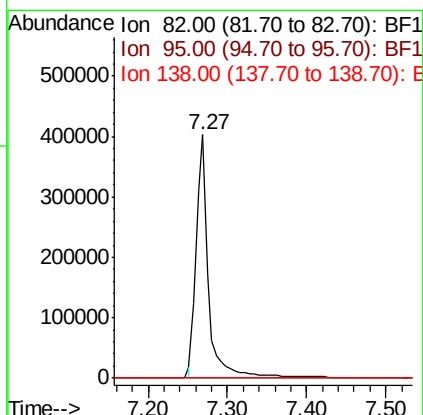
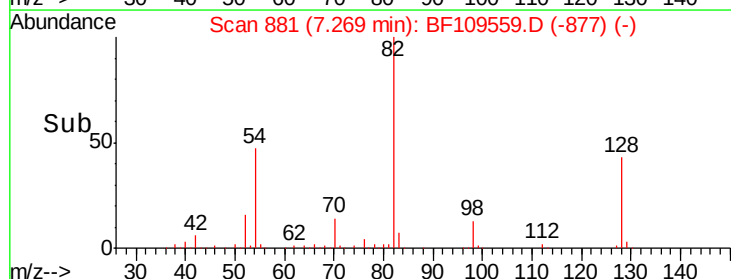
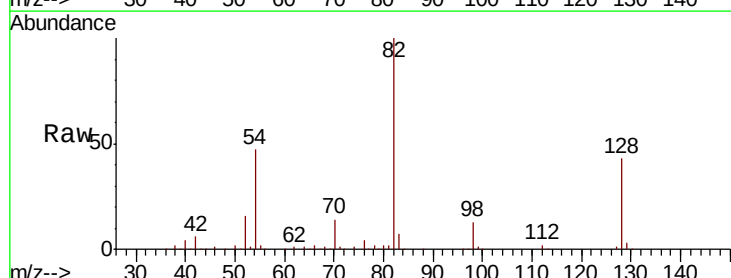
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BNA_F
ClientSampleId :
100118-JETT-E-D-B

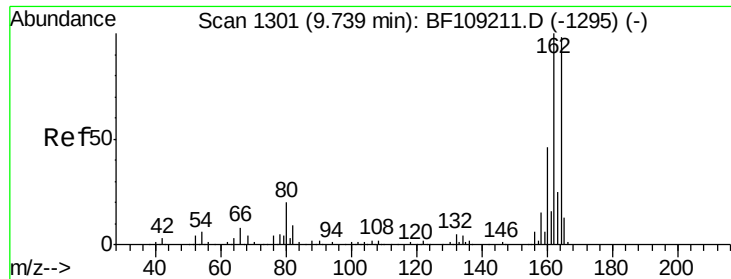
Tgt Ion: 82 Resp: 453615
Ion Ratio Lower Upper
82 100
128 43.3 36.1 54.1
54 46.5 41.4 62.2



#25
Isophorone
Concen: 58.354 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109559.D
Acq: 3 Oct 2018 20:55

Tgt Ion: 82 Resp: 433298
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

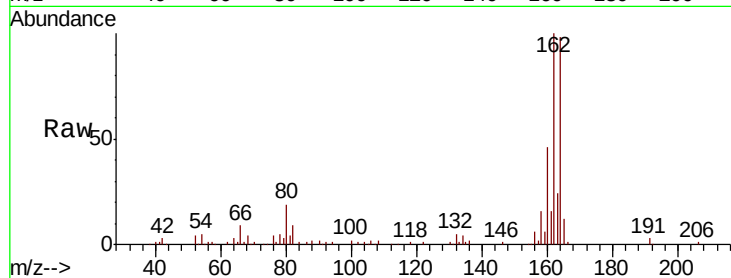




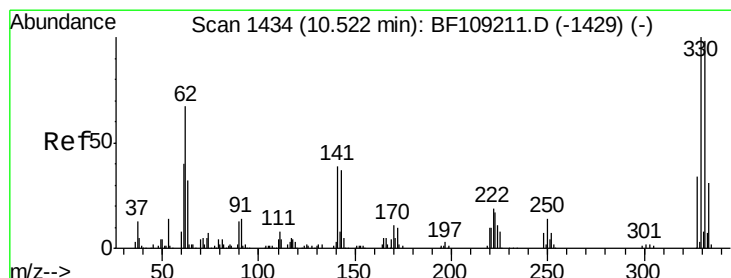
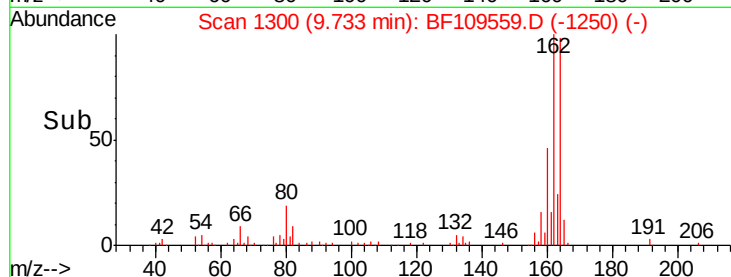
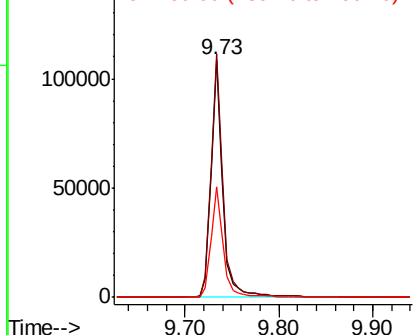
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109559.D
 Acq: 3 Oct 2018 20:55

Instrument :
 BNA_F
 ClientSampleId :
 100118-JETT-E-D-B

Tgt Ion:164 Resp: 96962
 Ion Ratio Lower Upper
 164 100
 162 102.4 86.1 129.1
 160 46.6 38.3 57.5

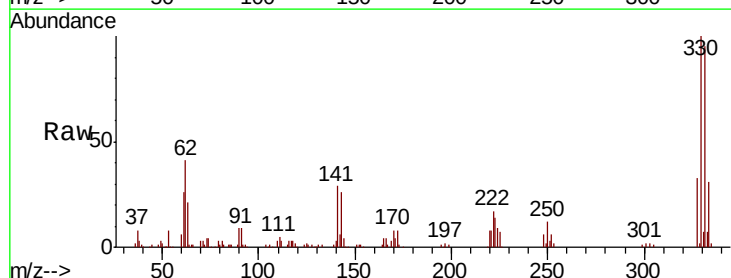


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

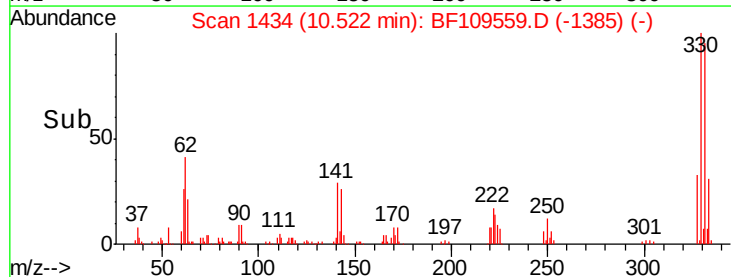
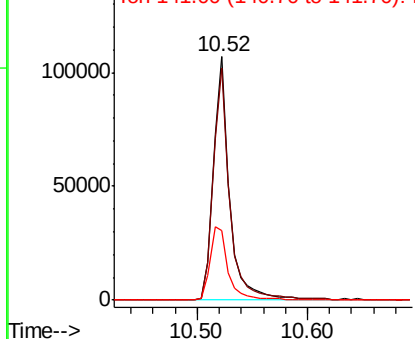


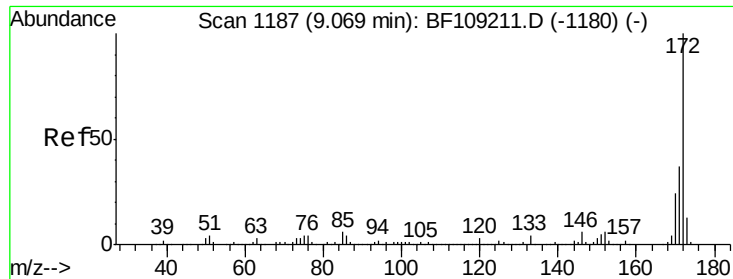
#41
 2,4,6-Tribromophenol
 Concen: 113.213 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109559.D
 Acq: 3 Oct 2018 20:55

Tgt Ion:330 Resp: 108214
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 33.4 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

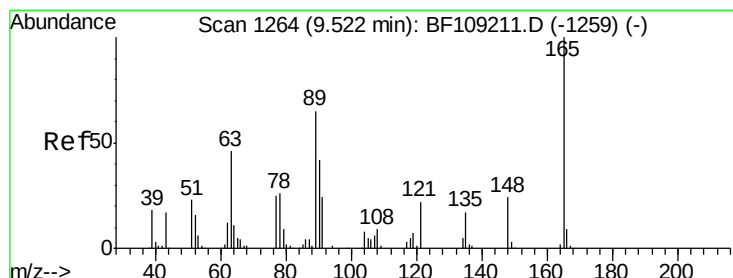
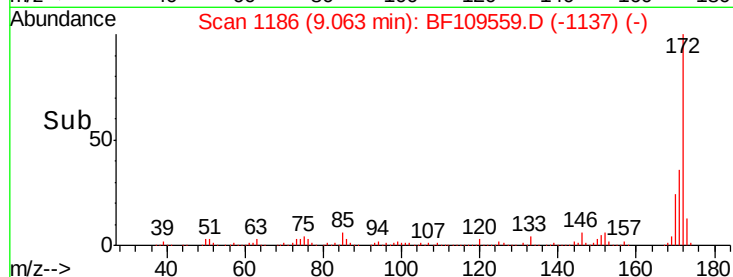
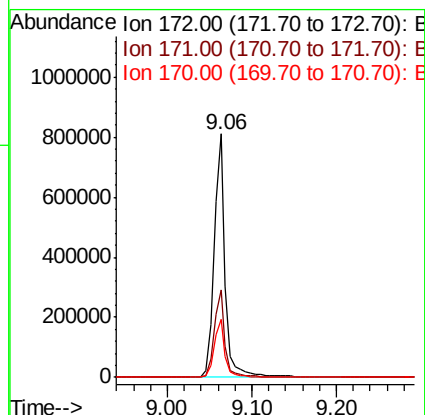
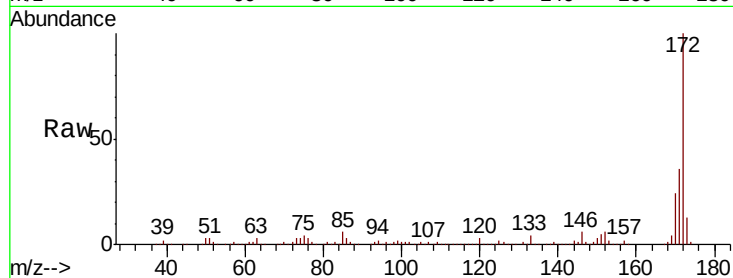




#44
 2-Fluorobiphenyl
 Concen: 117.450 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109559.D
 Acq: 3 Oct 2018 20:55

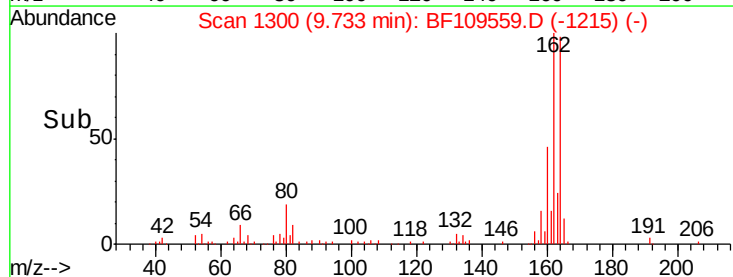
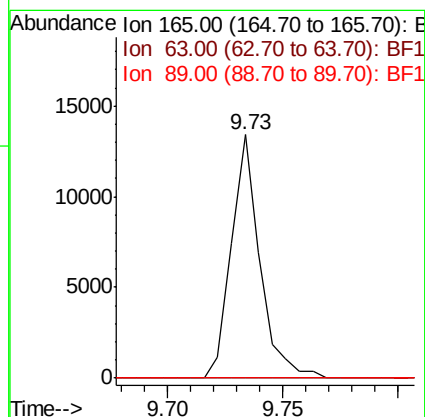
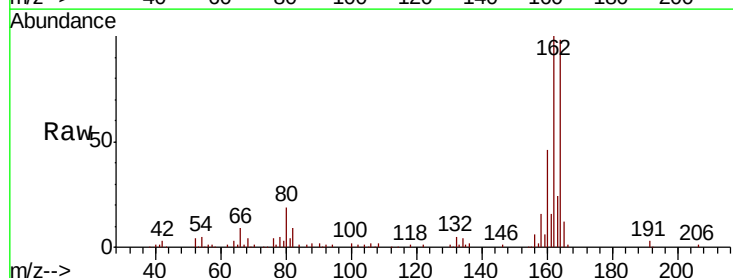
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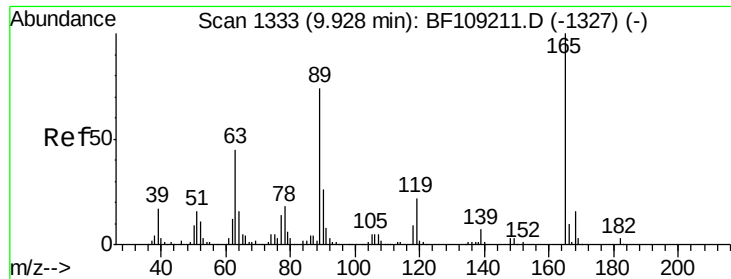
Tgt Ion:172 Resp: 755088
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 23.8 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 8.226 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.20 min
 Lab File: BF109559.D
 Acq: 3 Oct 2018 20:55

Tgt Ion:165 Resp: 11490
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#

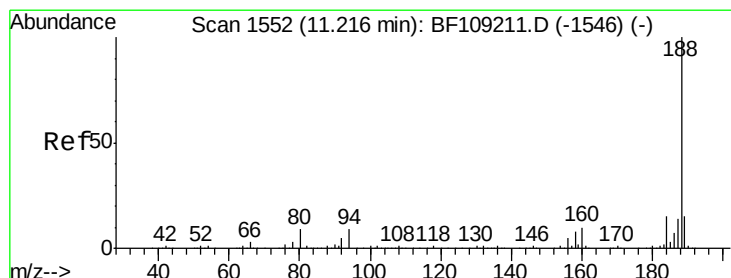
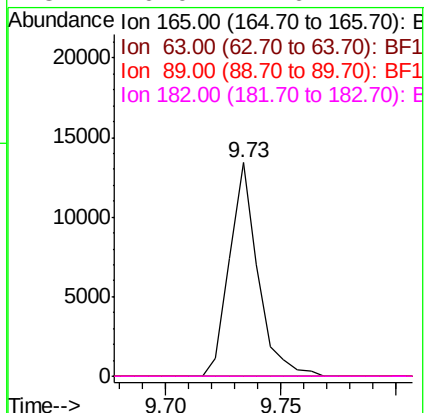
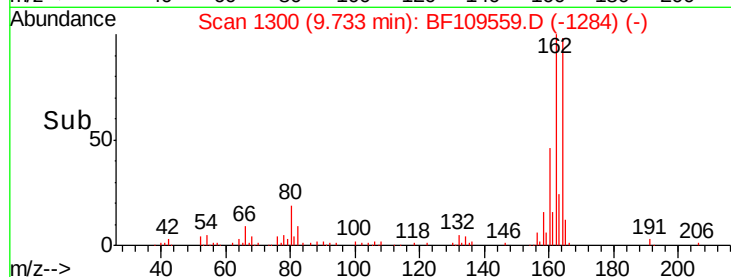
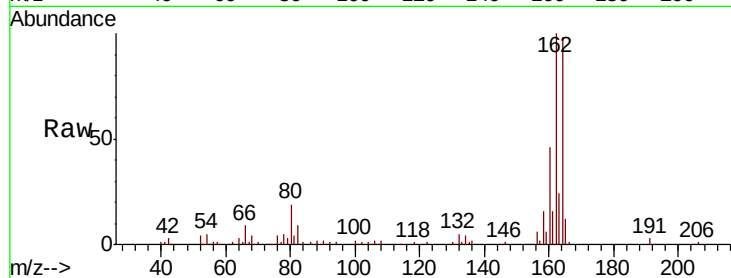




#56
2,4-Dinitrotoluene
Concen: 6.502 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.21 min
Lab File: BF109559.D
Acq: 3 Oct 2018 20:55

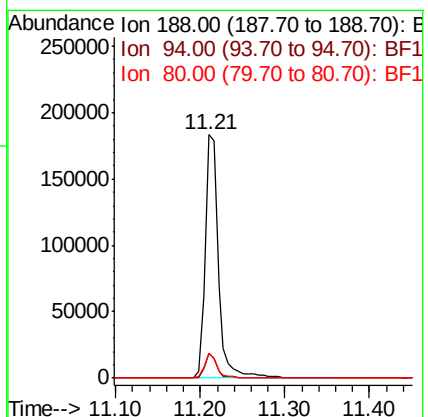
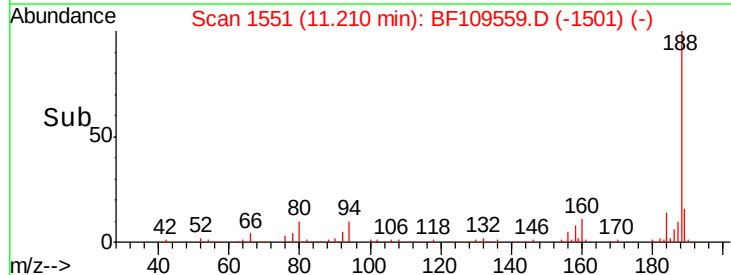
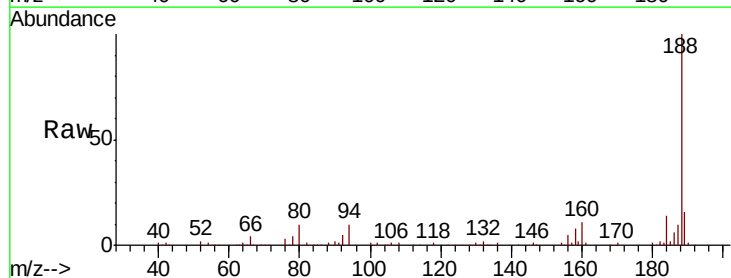
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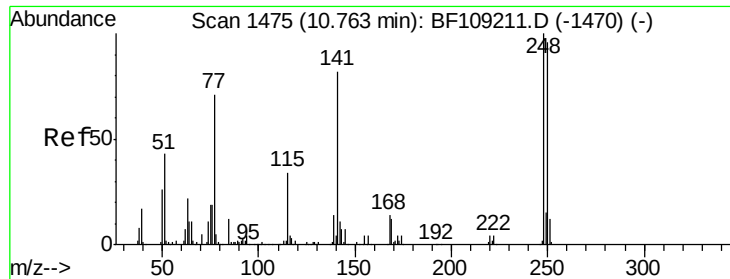
Tgt Ion:165 Resp: 11490
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 0.0 57.8 86.6#
182 0.0 1.6 2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109559.D
Acq: 3 Oct 2018 20:55

Tgt Ion:188 Resp: 199305
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 10.3 9.2 13.8

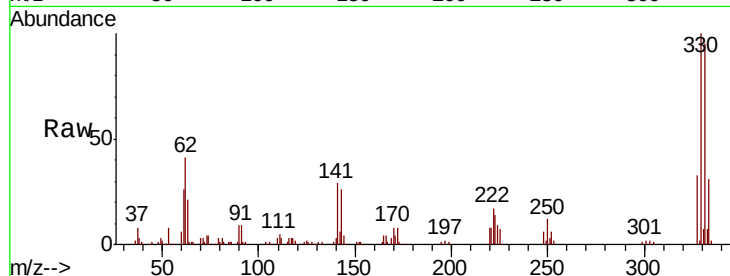




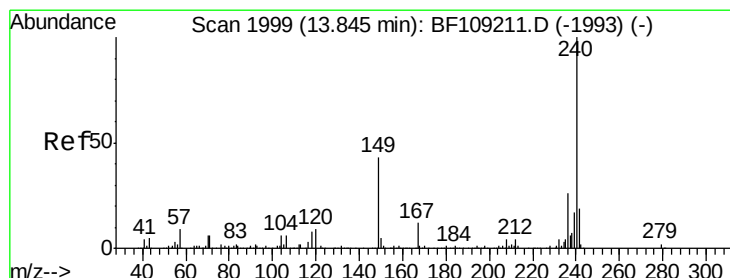
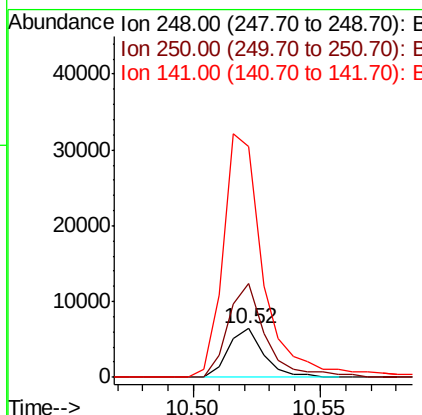
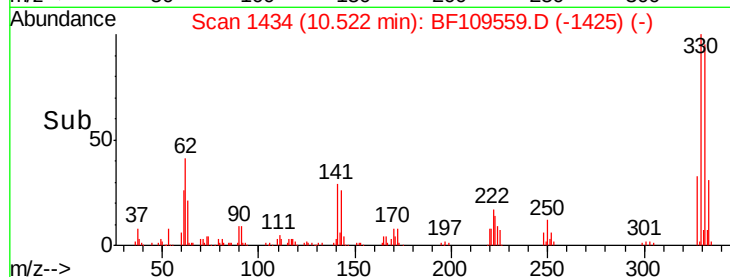
#66
4-Bromophenyl-phenylether
Concen: 2.825 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109559.D
Acq: 3 Oct 2018 20:55

Instrument :
BNA_F
ClientSampleId :
100118-JETT-E-D-B

Tgt Ion:248 Resp: 6252
Ion Ratio Lower Upper
248 100
250 191.7 76.9 115.3#
141 475.2 74.4 111.6#

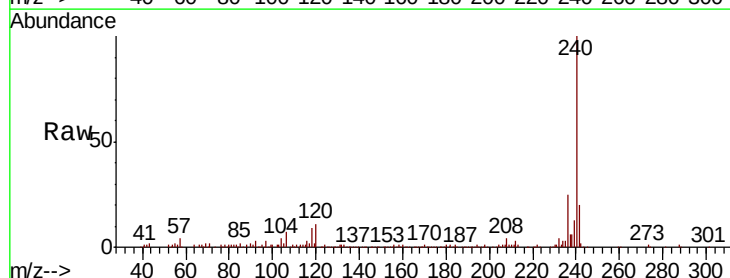


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

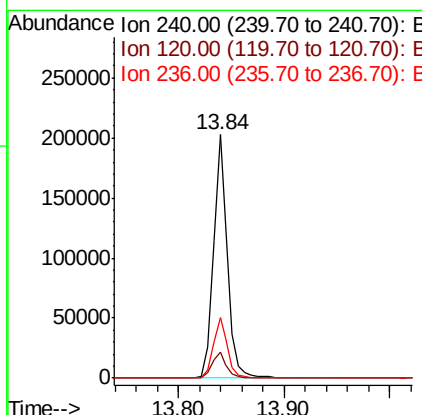
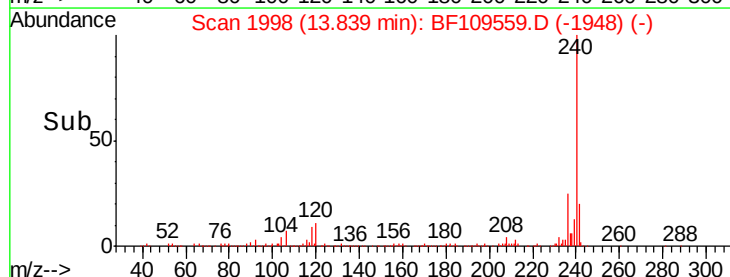


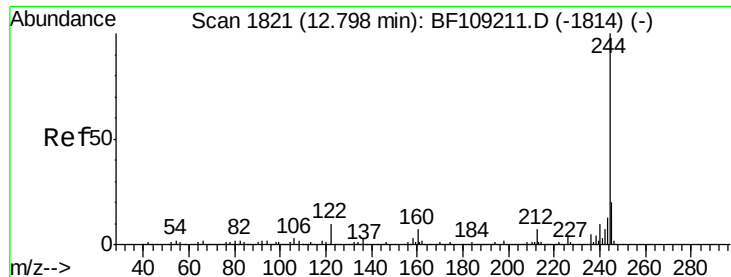
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109559.D
Acq: 3 Oct 2018 20:55

Tgt Ion:240 Resp: 189252
Ion Ratio Lower Upper
240 100
120 10.7 9.5 14.3
236 25.0 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: 110.662 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109559.D

Acq: 3 Oct 2018 20:55

Instrument :

BNA_F

ClientSampleId :

100118-JETT-E-D-B

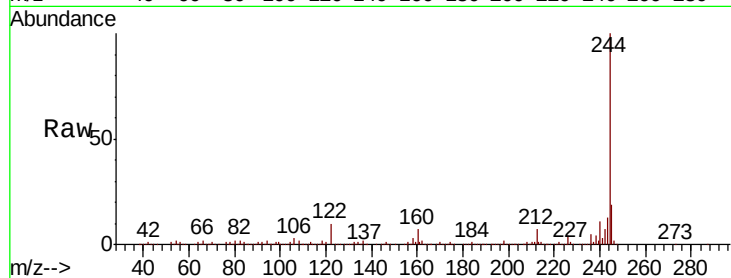
Tgt Ion:244 Resp: 853363

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

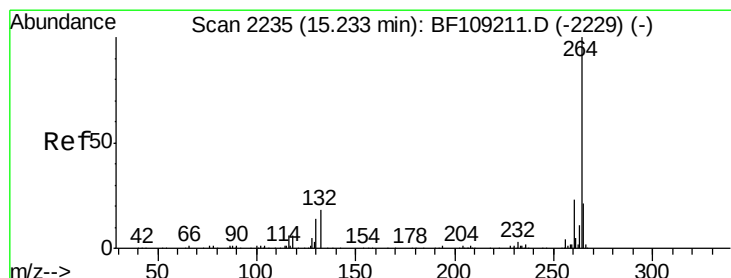
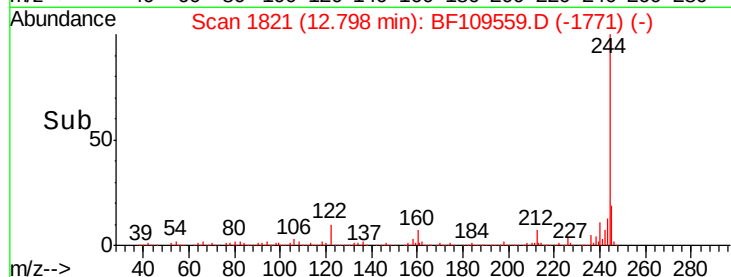
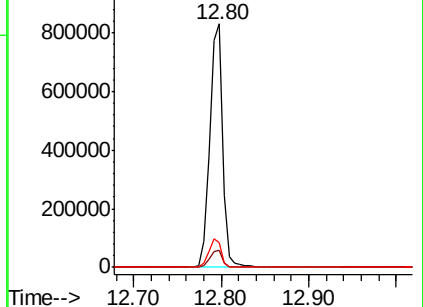
122 10.0 11.0 16.4#



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: BF109559.D

Acq: 3 Oct 2018 20:55

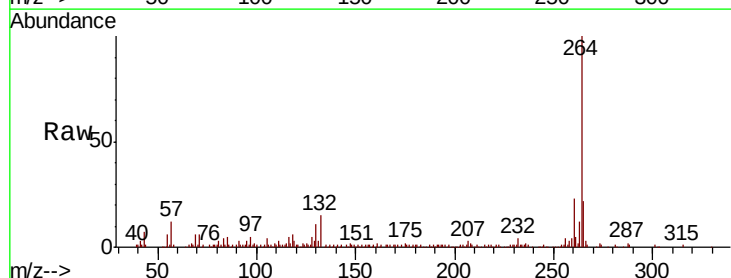
Tgt Ion:264 Resp: 129623

Ion Ratio Lower Upper

264 100

260 22.7 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

