

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100318\
 Data File : BF109560.D
 Acq On : 3 Oct 2018 21:22
 Operator : JU/SJ
 Sample : J5221-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Oct 04 02:19:32 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

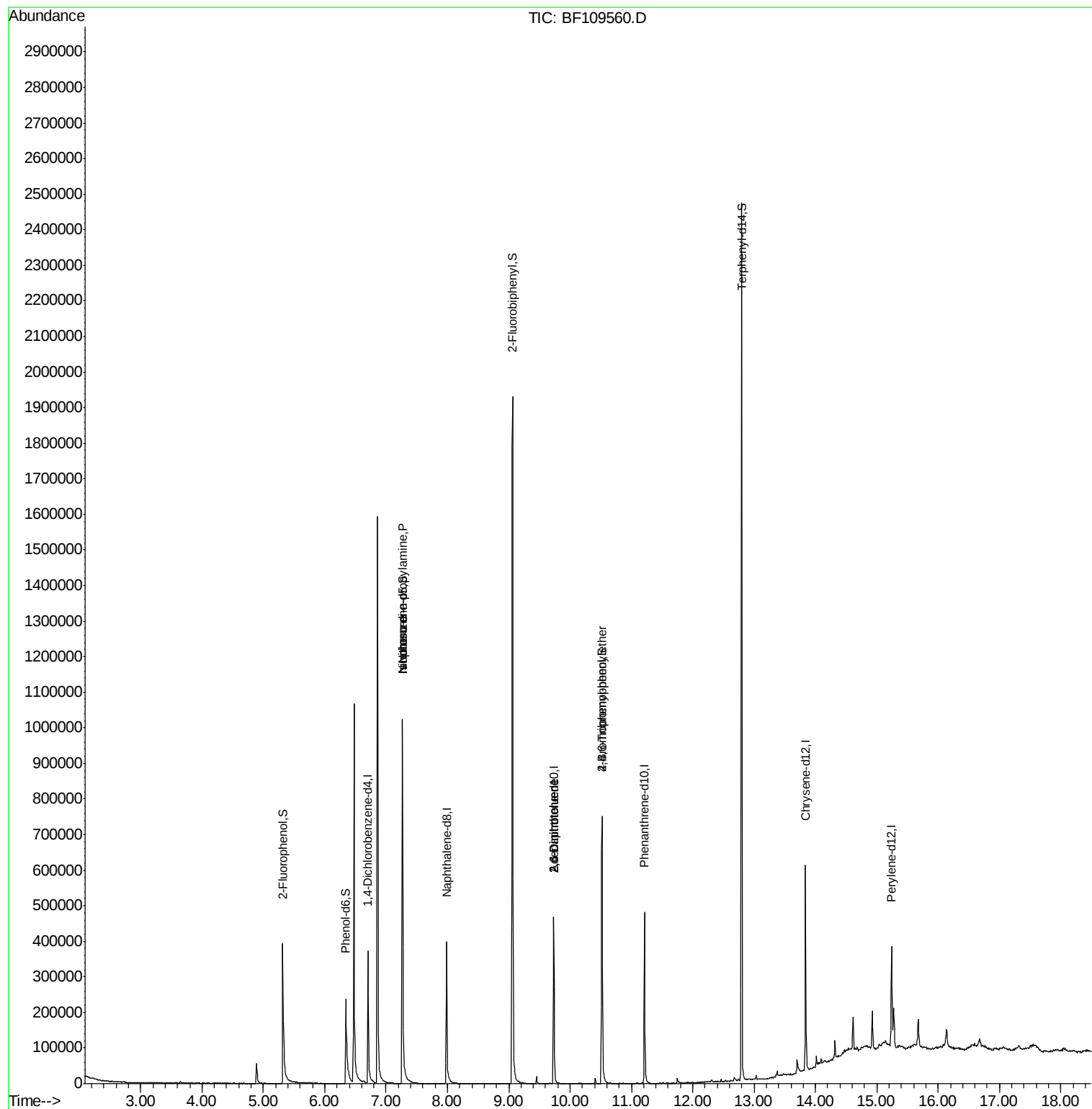
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	68055	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	226885	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	97347	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	206692	20.00	ng	0.00
75) Chrysene-d12	13.84	240	202469	20.00	ng	0.00
86) Perylene-d12	15.24	264	137192	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	173212	41.92	ng	0.00
7) Phenol-d6	6.35	99	128072	24.29	ng	-0.01
23) Nitrobenzene-d5	7.27	82	409918	106.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	108850	113.43	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	699848	108.43	ng	-0.01
78) Terphenyl-d14	12.80	244	876597	106.25	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	54438	15.757	ng	# 75
25) Isophorone	7.27	82	395777	57.184	ng	# 64
50) 2,6-Dinitrotoluene	9.73	165	11909	8.493	ng	# 24
56) 2,4-Dinitrotoluene	9.73	165	11909	6.712	ng	# 21
66) 4-Bromophenyl-phenylether	10.52	248	6314	2.751	ng	# 1

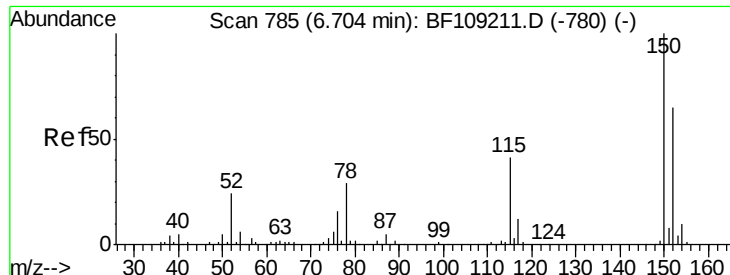
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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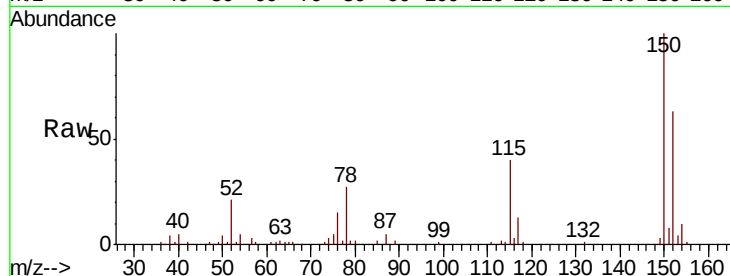




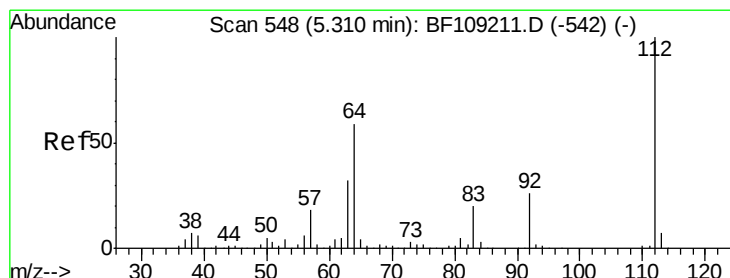
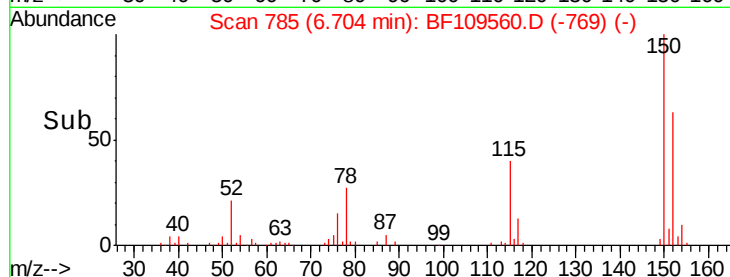
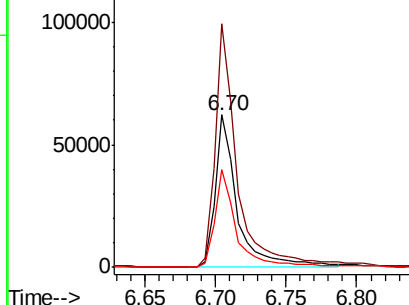
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109560.D
 Acq: 3 Oct 2018 21:22

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

Tgt Ion:152 Resp: 68055
 Ion Ratio Lower Upper
 152 100
 150 159.6 124.6 186.8
 115 63.7 50.1 75.1

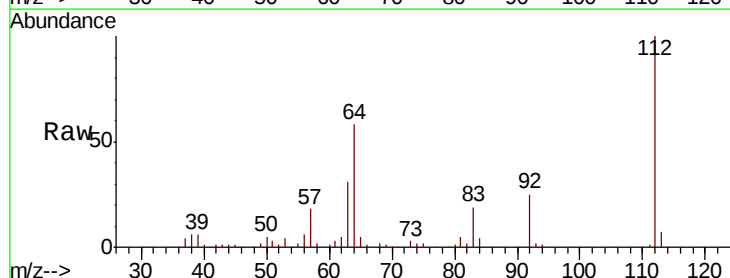


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

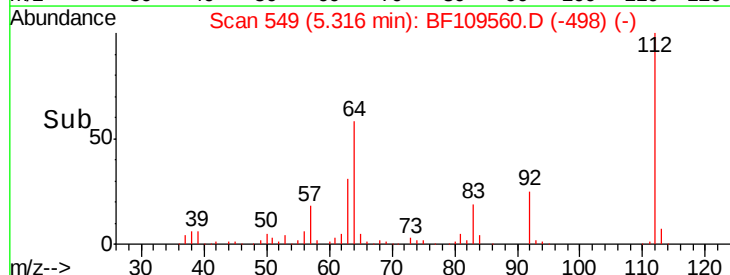
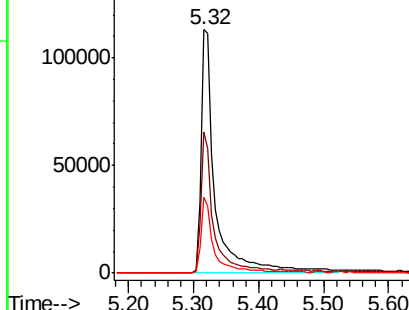


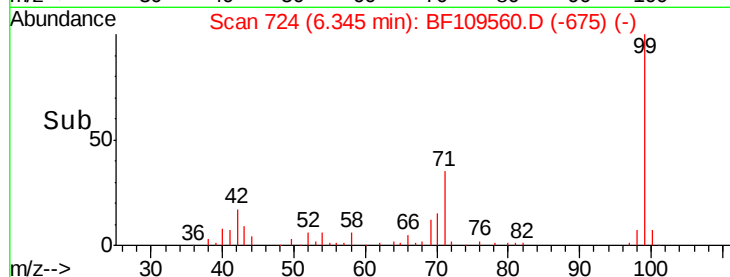
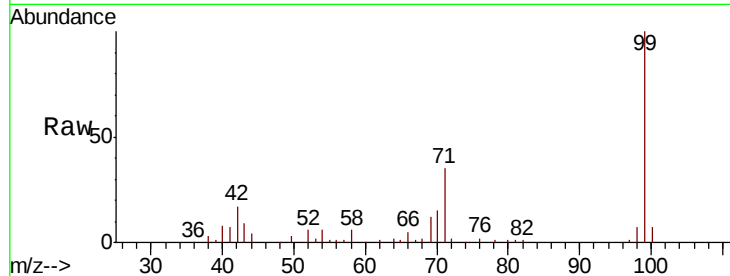
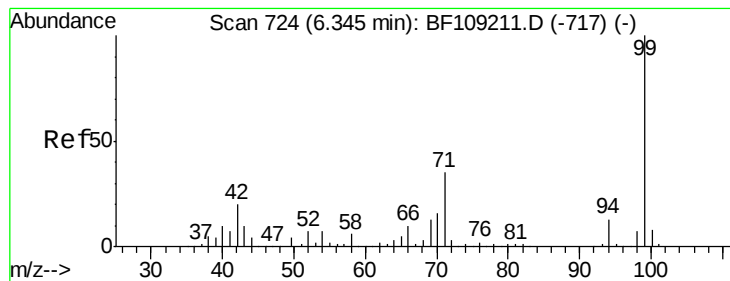
#5
 2-Fluorophenol
 Concen: 41.921 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF109560.D
 Acq: 3 Oct 2018 21:22

Tgt Ion:112 Resp: 173212
 Ion Ratio Lower Upper
 112 100
 64 57.9 47.9 71.9
 63 31.1 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: 24.291 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109560.D

Acq: 3 Oct 2018 21:22

Instrument :

BNA_F

ClientSampleId :

100118-JETT-E-D-S

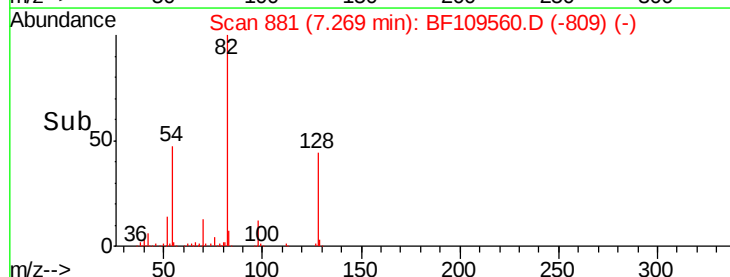
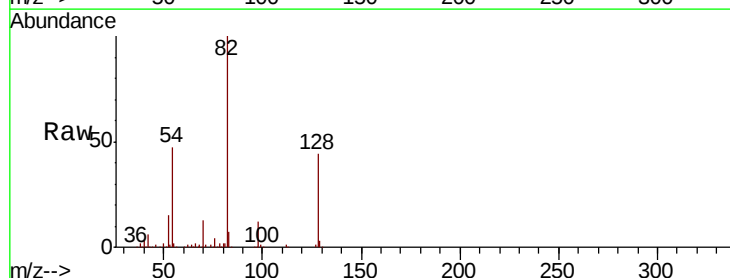
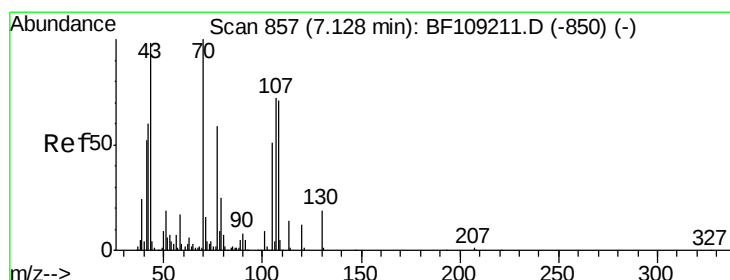
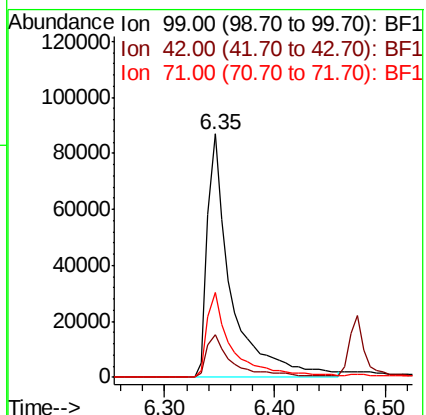
Tgt Ion: 99 Resp: 128072

Ion Ratio Lower Upper

99 100

42 17.3 14.5 21.7

71 34.7 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.757 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.12 min

Lab File: BF109560.D

Acq: 3 Oct 2018 21:22

Tgt Ion: 70 Resp: 54438

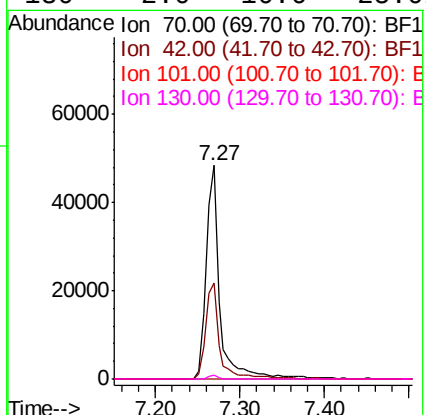
Ion Ratio Lower Upper

70 100

42 44.8 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 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: BF109560.D

Acq: 3 Oct 2018 21:22

Instrument :

BNA_F

ClientSampleId :

100118-JETT-E-D-S

Tgt Ion: 136 Resp: 226885

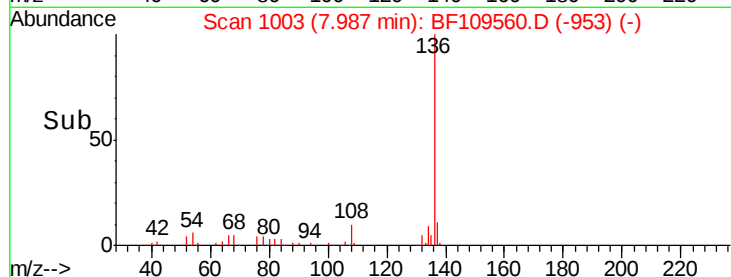
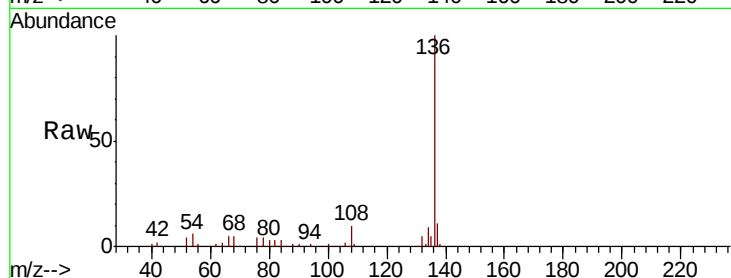
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.5 6.6 9.8#

68 5.4 5.0 7.4

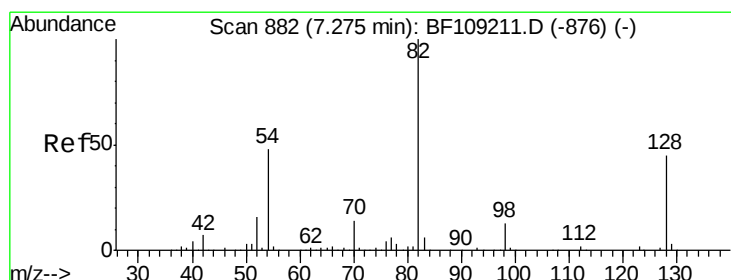
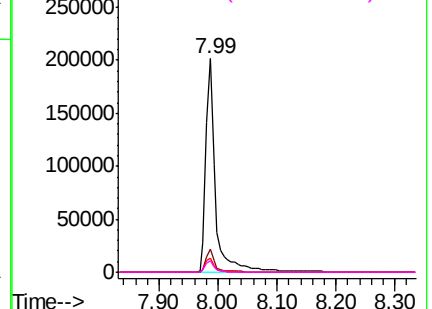


Abundance Ion 136.00 (135.70 to 136.70): E

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: 106.654 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF109560.D

Acq: 3 Oct 2018 21:22

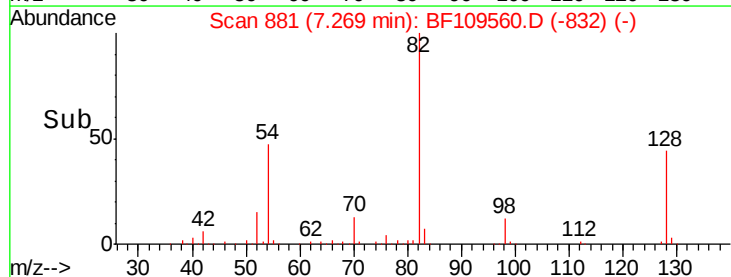
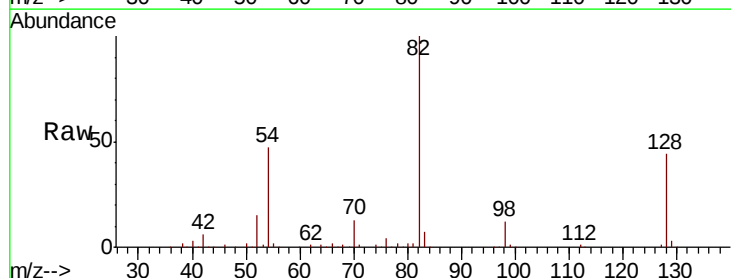
Tgt Ion: 82 Resp: 409918

Ion Ratio Lower Upper

82 100

128 44.0 36.1 54.1

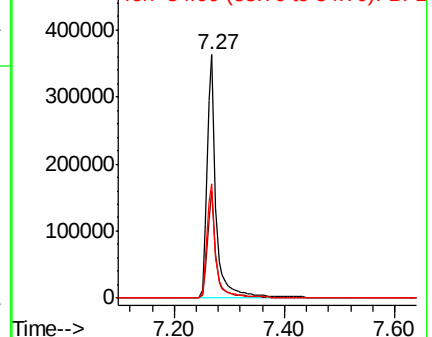
54 46.9 41.4 62.2

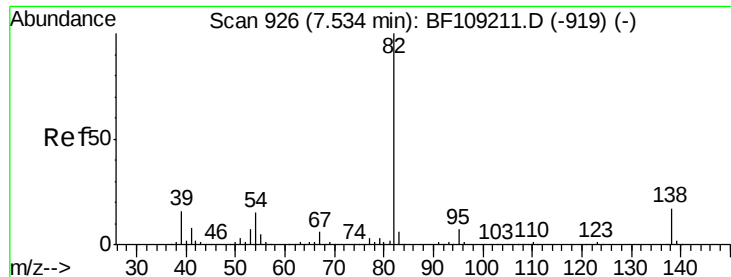


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 57.184 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.28 min

Lab File: BF109560.D

Acq: 3 Oct 2018 21:22

Instrument :

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ClientSampleId :

100118-JETT-E-D-S

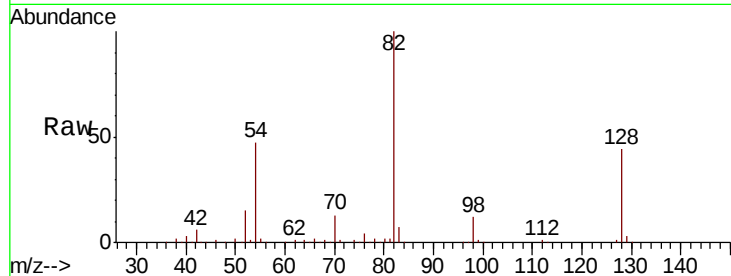
Tgt Ion: 82 Resp: 395777

Ion Ratio Lower Upper

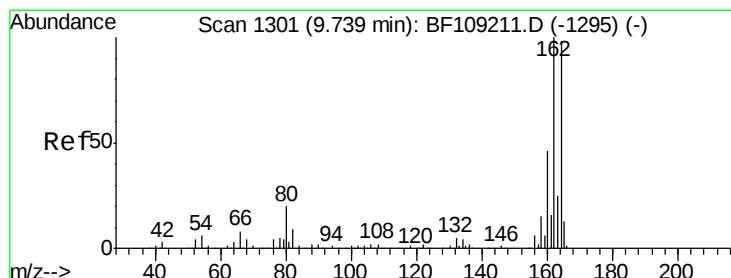
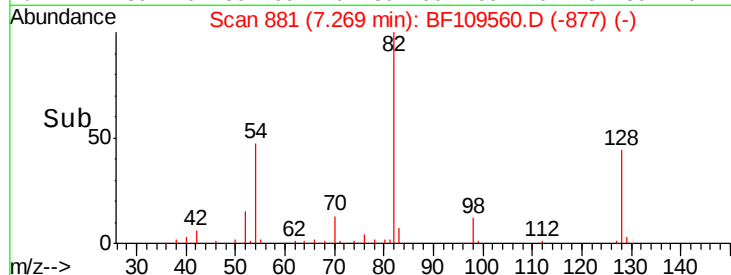
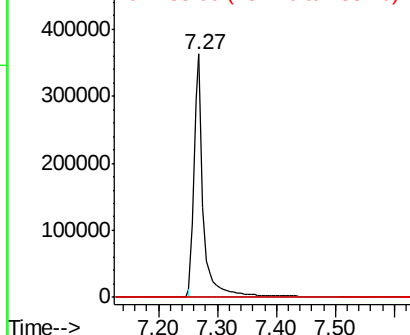
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF109560.D

Acq: 3 Oct 2018 21:22

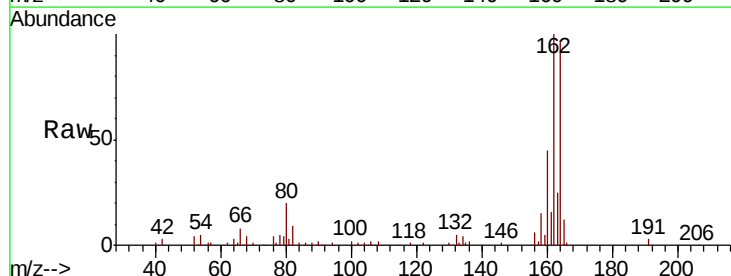
Tgt Ion: 164 Resp: 97347

Ion Ratio Lower Upper

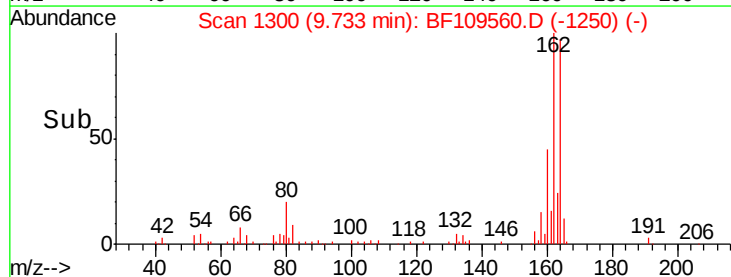
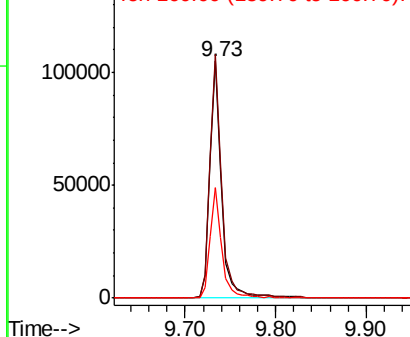
164 100

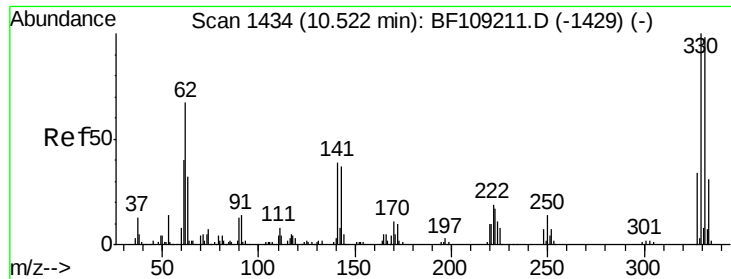
162 102.9 86.1 129.1

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

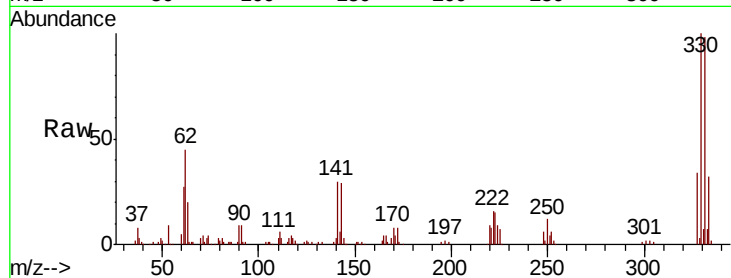




#41
 2,4,6-Tribromophenol
 Concen: 113.428 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109560.D
 Acq: 3 Oct 2018 21:22

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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	32.7	29.9	44.9

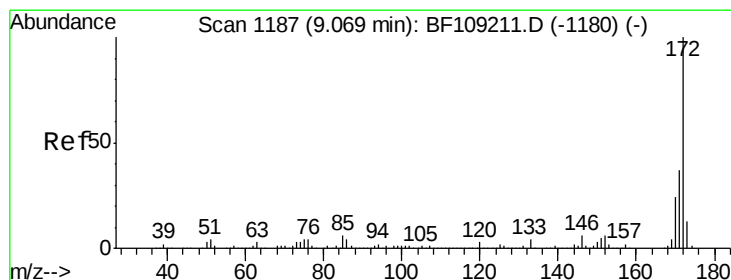
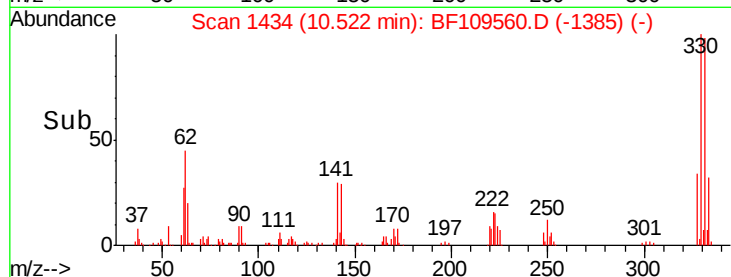
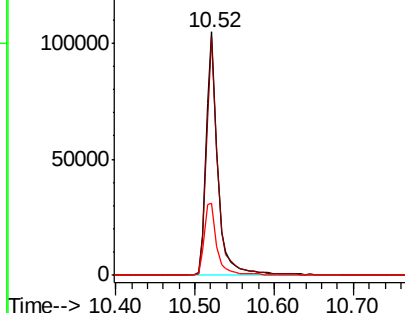


Abundance

Ion 329.80 (329.50 to 330.50): E

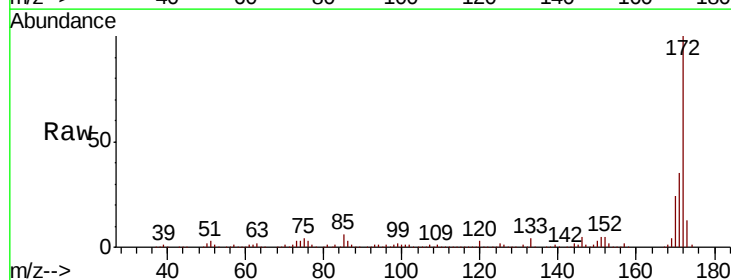
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 108.427 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109560.D
 Acq: 3 Oct 2018 21:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	24.0	19.6	29.4

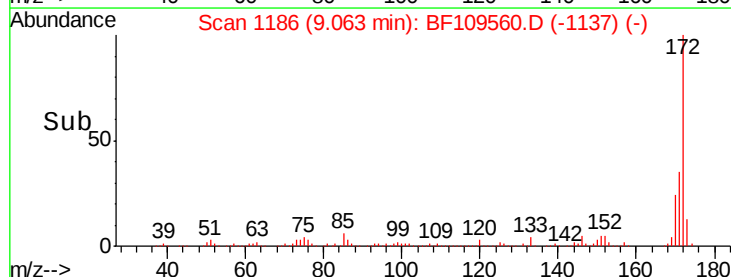
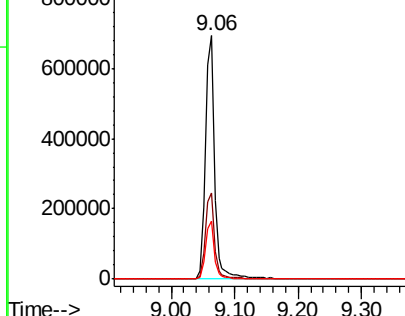


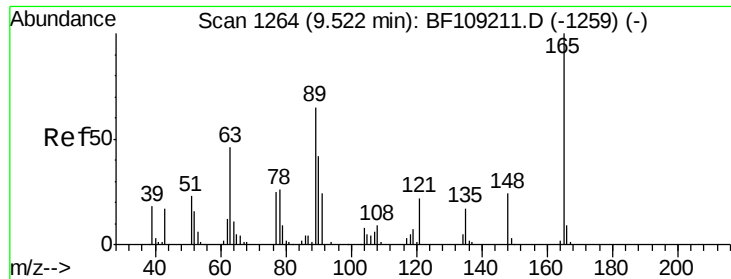
Abundance

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

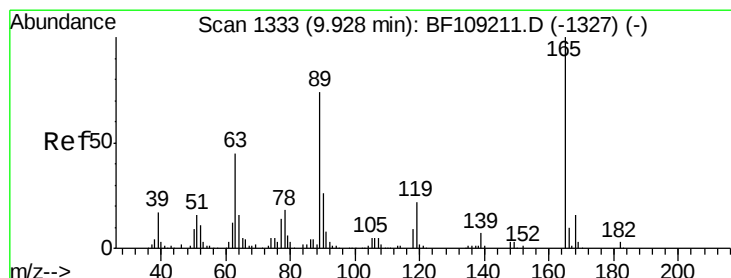
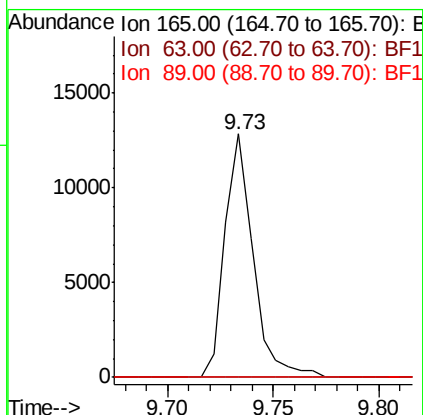
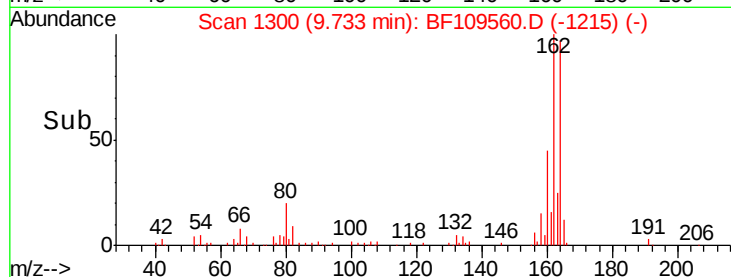
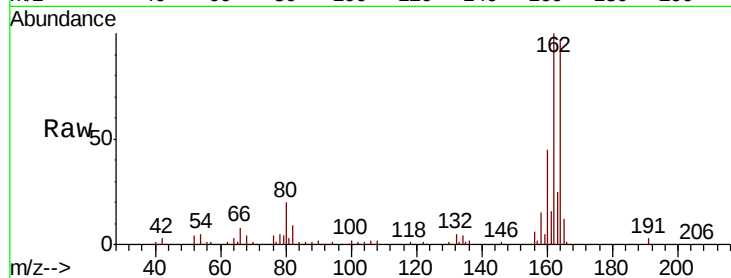




#50
2,6-Dinitrotoluene
Concen: 8.493 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.20 min
Lab File: BF109560.D
Acq: 3 Oct 2018 21:22

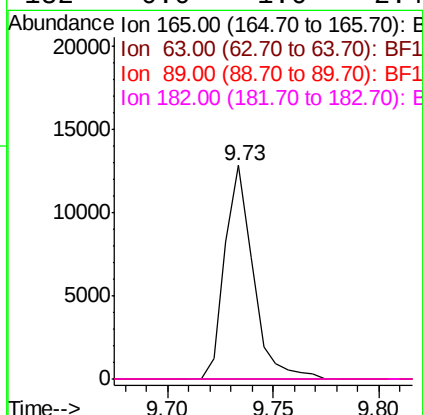
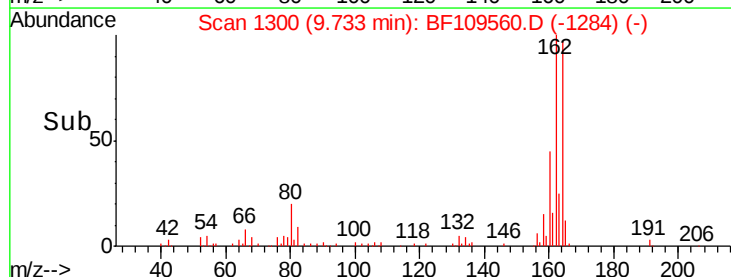
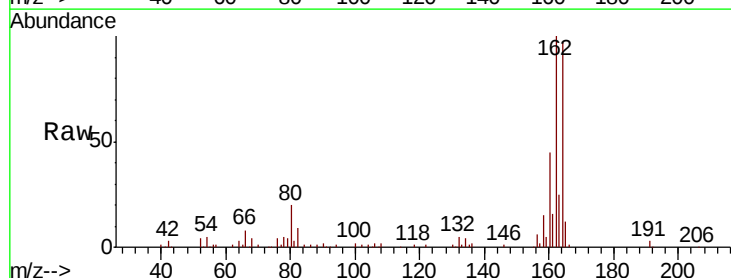
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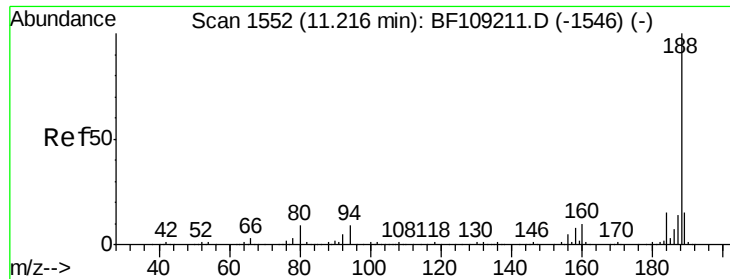
Tgt Ion:165 Resp: 11909
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 0.0 44.0 66.0#



#56
2,4-Dinitrotoluene
Concen: 6.712 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.21 min
Lab File: BF109560.D
Acq: 3 Oct 2018 21:22

Tgt Ion:165 Resp: 11909
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#

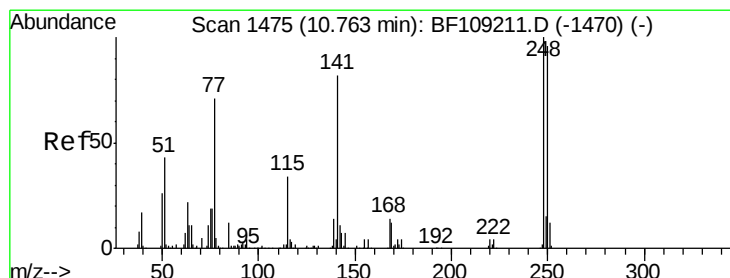
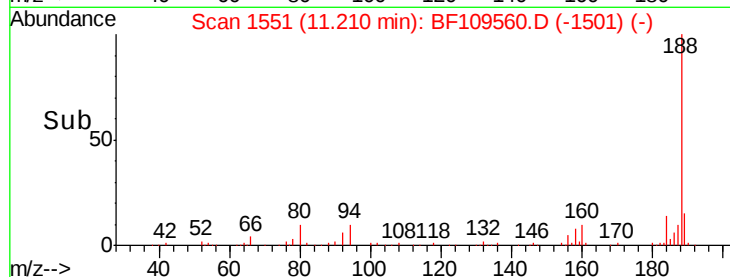
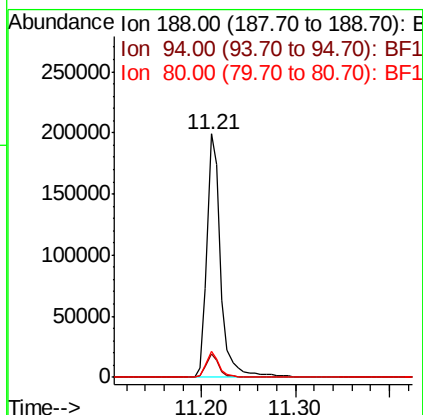
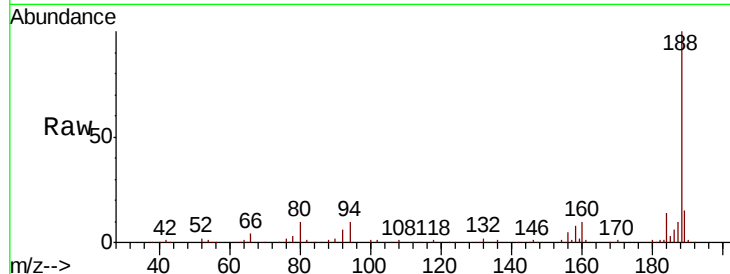




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF109560.D
 Acq: 3 Oct 2018 21:22

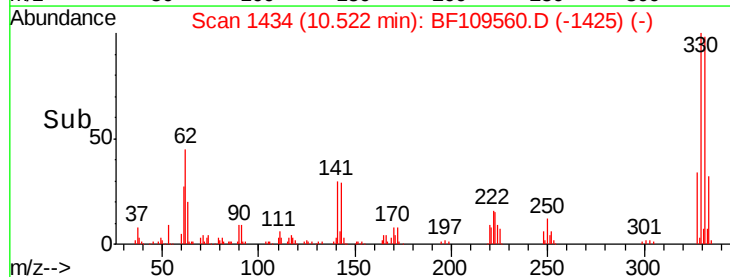
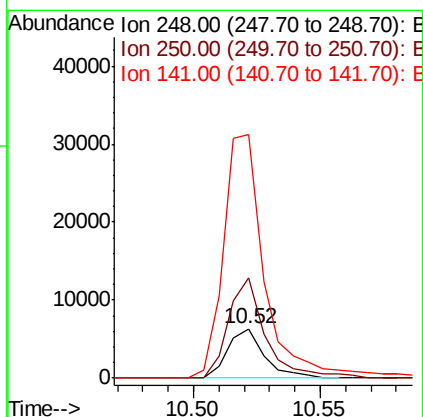
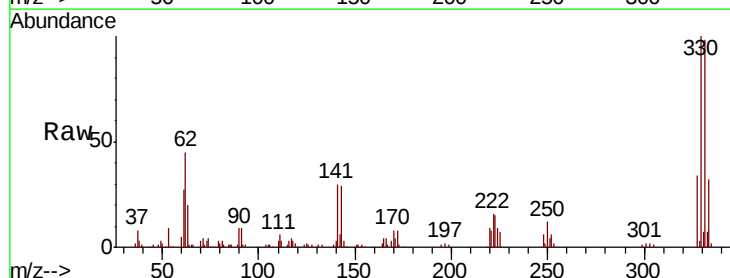
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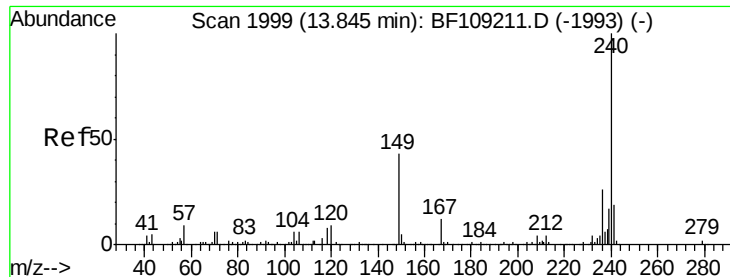
Tgt Ion:188 Resp: 206692
 Ion Ratio Lower Upper
 188 100
 94 9.6 8.5 12.7
 80 10.4 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 2.751 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.25 min
 Lab File: BF109560.D
 Acq: 3 Oct 2018 21:22

Tgt Ion:248 Resp: 6314
 Ion Ratio Lower Upper
 248 100
 250 202.5 76.9 115.3#
 141 493.1 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109560.D

Acq: 3 Oct 2018 21:22

Instrument :

BNA_F

ClientSampleId :

100118-JETT-E-D-S

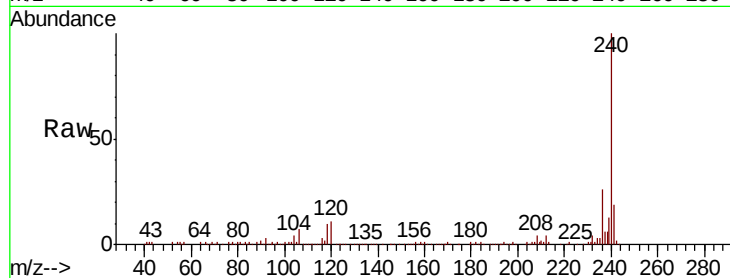
Tgt Ion:240 Resp: 202469

Ion Ratio Lower Upper

240 100

120 10.7 9.5 14.3

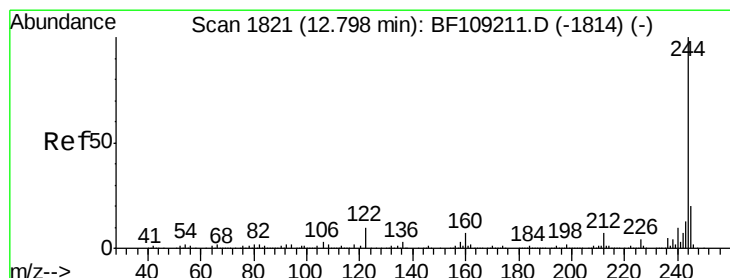
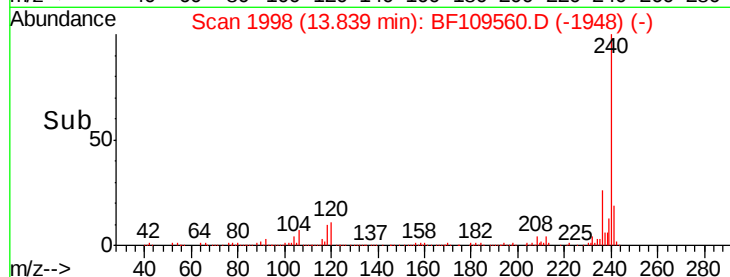
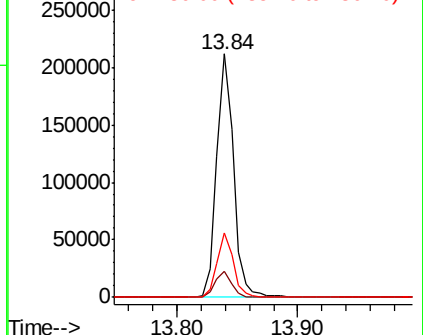
236 26.2 20.7 31.1



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: 106.254 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109560.D

Acq: 3 Oct 2018 21:22

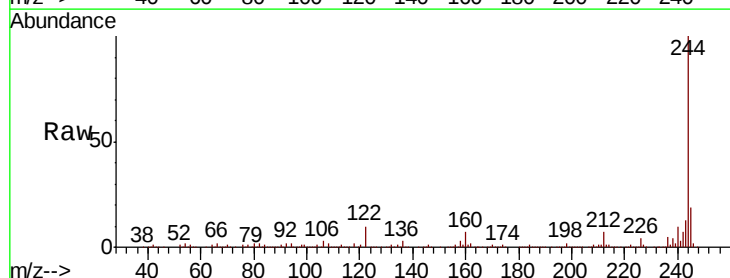
Tgt Ion:244 Resp: 876597

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

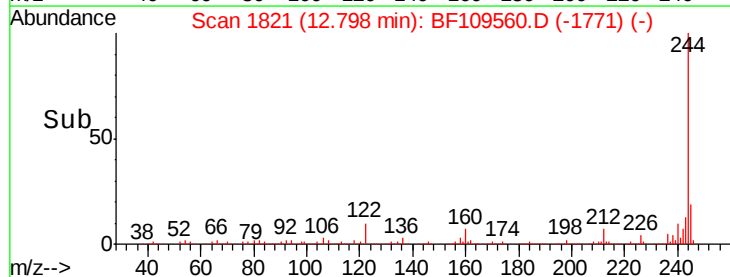
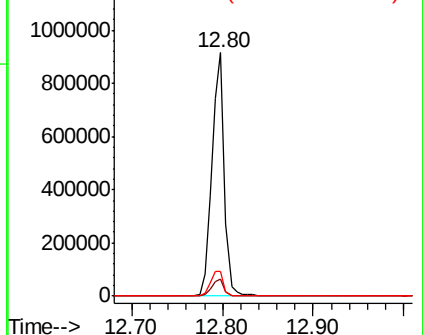
122 10.4 11.0 16.4#

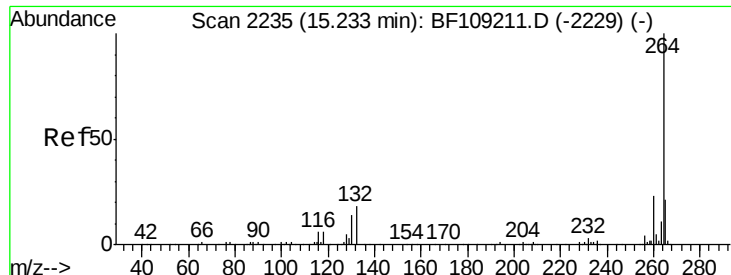


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF109560.D
Acq: 3 Oct 2018 21:22

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.2	17.5	26.3

