

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100418\
 Data File : BF109587.D
 Acq On : 4 Oct 2018 15:30
 Operator : JU/SJ
 Sample : J5221-01RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Oct 04 17:59:58 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

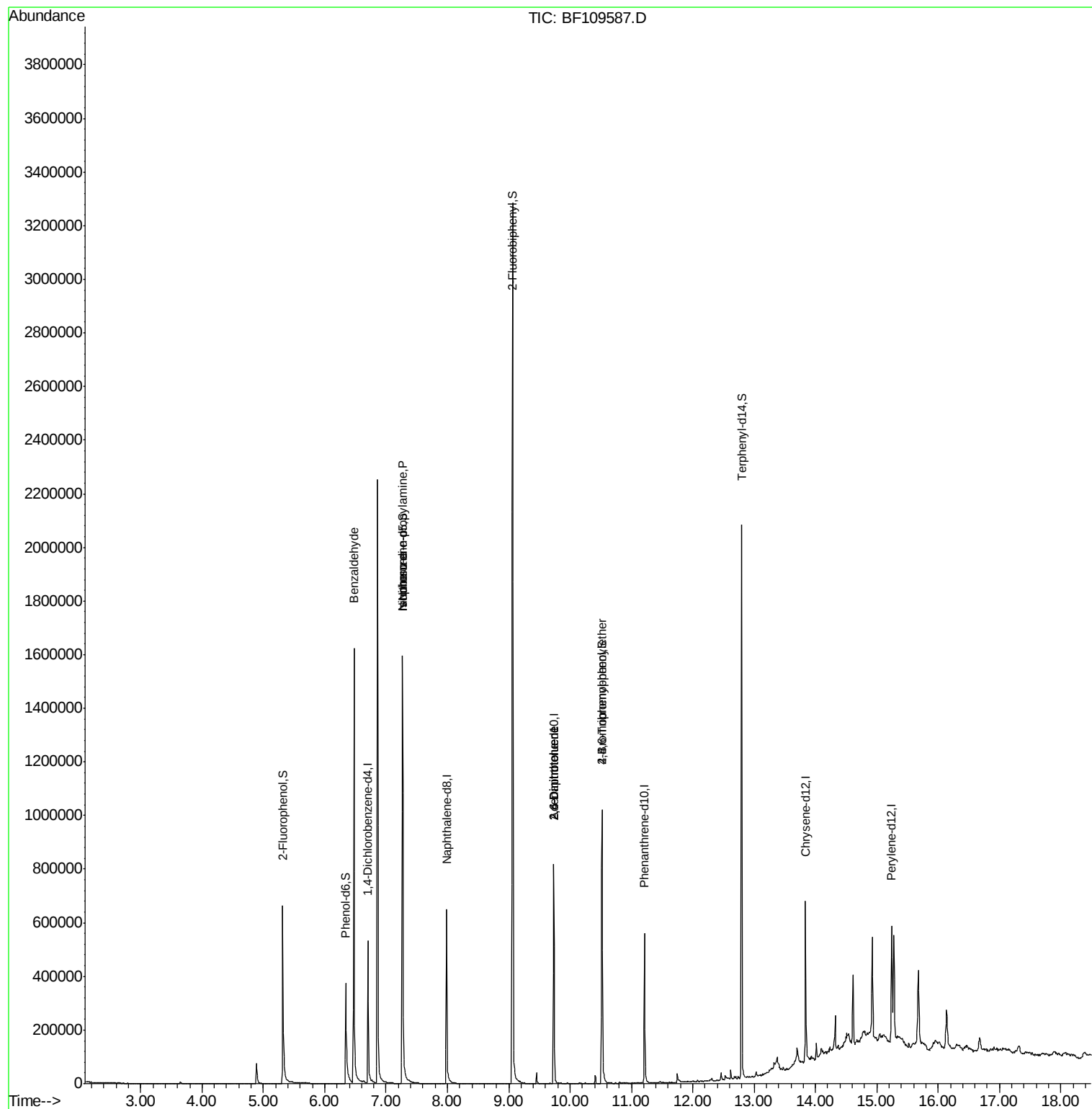
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	91221	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	350221	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	155199	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	250514	20.00	ng	0.00
75) Chrysene-d12	13.84	240	204707	20.00	ng	0.00
86) Perylene-d12	15.24	264	205590	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	236441	42.69	ng	0.00
7) Phenol-d6	6.35	99	190329	26.93	ng	-0.01
23) Nitrobenzene-d5	7.27	82	640254	107.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	139325	91.07	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1111086	107.97	ng	-0.01
78) Terphenyl-d14	12.80	244	779279	93.43	ng	0.00
Target Compounds						
9) Benzaldehyde	6.47	77	10816	2.382	ng	# 76
19) n-Nitroso-di-n-propylamine	7.27	70	85189	18.396	ng	# 79
25) Isophorone	7.27	82	614239	57.495	ng	# 64
50) 2,6-Dinitrotoluene	9.73	165	19529	8.735	ng	# 26
56) 2,4-Dinitrotoluene	9.73	165	19529	6.904	ng	# 24
66) 4-Bromophenyl-phenylether	10.52	248	8668	3.116	ng	# 1

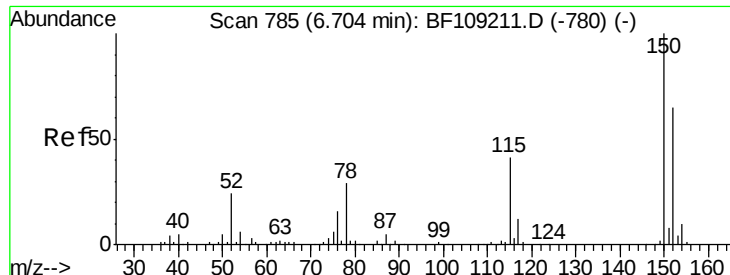
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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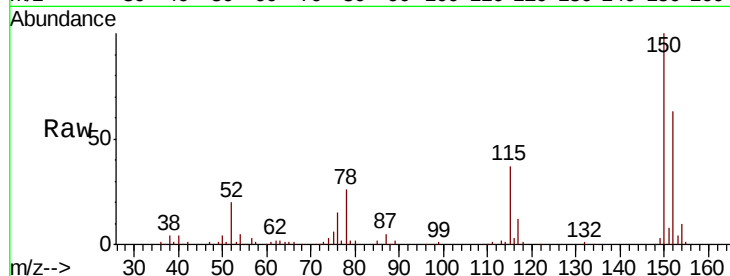


#1

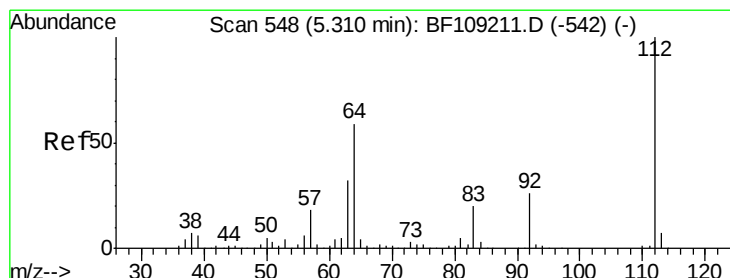
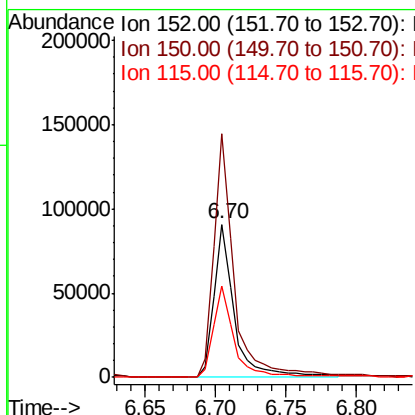
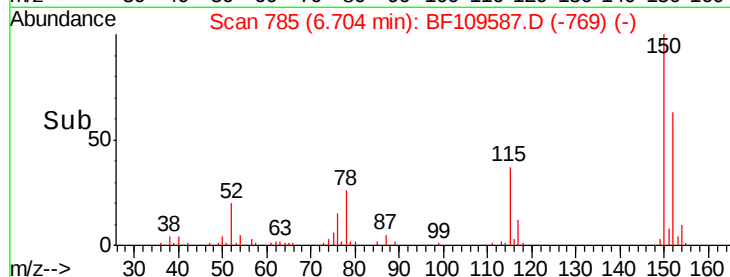
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109587.D
Acq: 4 Oct 2018 15:30

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

Tot Ion:152 Resp: 91221
Ion Ratio Lower Upper
152 100
150 159.0 124.6 186.8
115 59.6 50.1 75.1



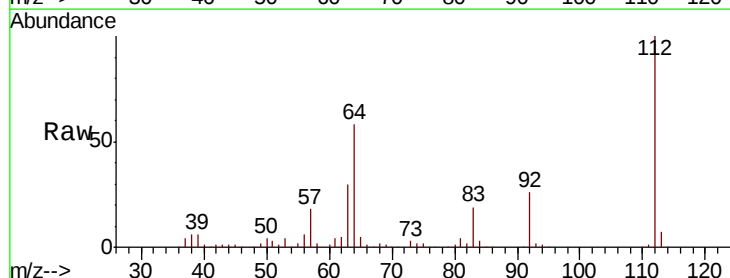
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



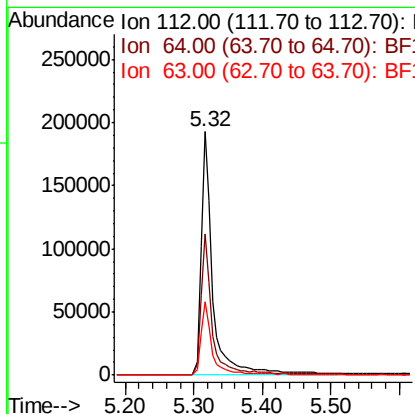
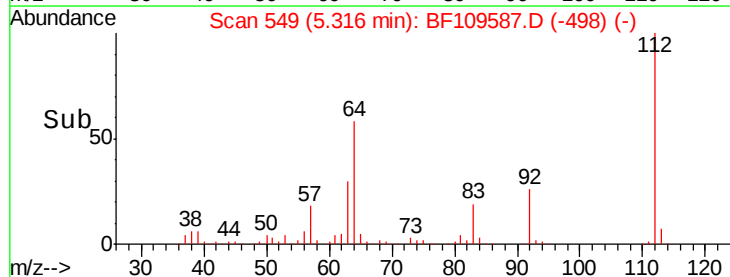
#5

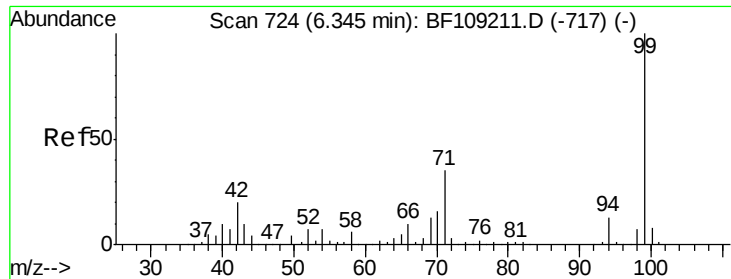
2-Fluorophenol
Concen: 42.692 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109587.D
Acq: 4 Oct 2018 15:30

Tgt Ion:112 Resp: 236441
Ion Ratio Lower Upper
112 100
64 57.8 47.9 71.9
63 30.3 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: 26.932 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109587.D

Acq: 4 Oct 2018 15:30

Instrument :

BNA_G

ClientSampleId :

100118-JETT-E-D-B

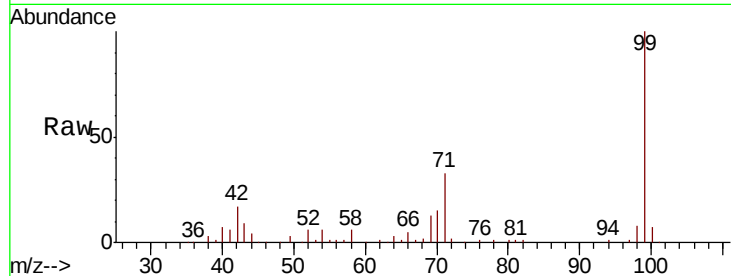
Tot Ion: 99 Resp: 190329

Ion Ratio Lower Upper

99 100

42 17.0 14.5 21.7

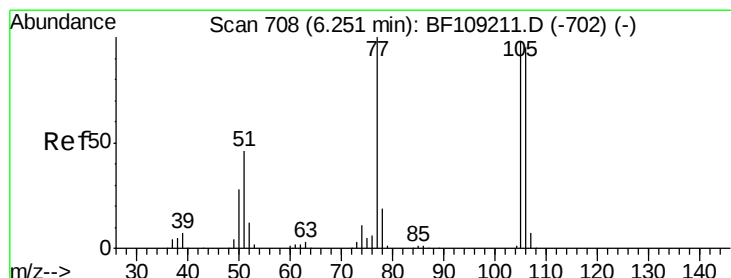
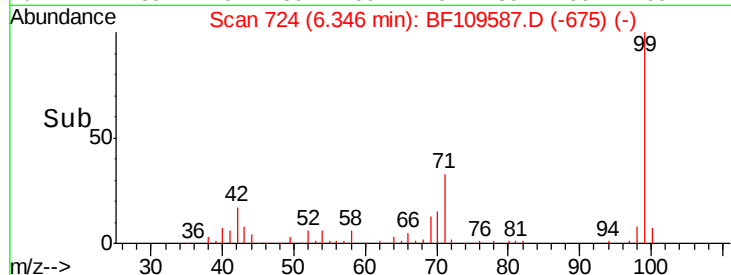
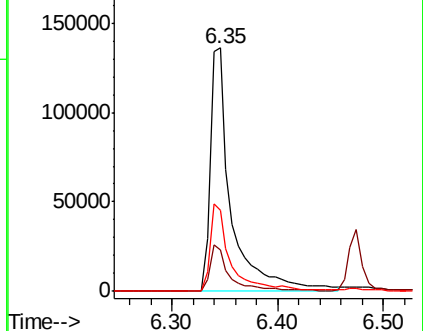
71 33.5 25.4 38.0



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: 2.382 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF109587.D

Acq: 4 Oct 2018 15:30

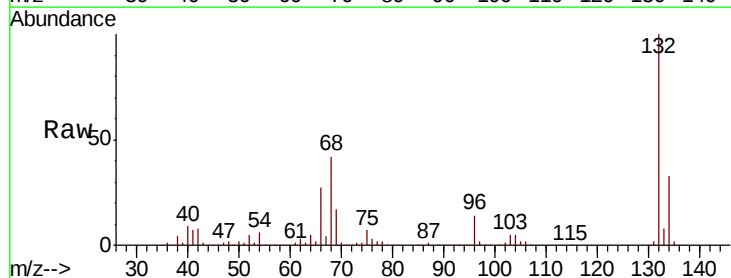
Tgt Ion: 77 Resp: 10816

Ion Ratio Lower Upper

77 100

105 79.4 81.1 121.1#

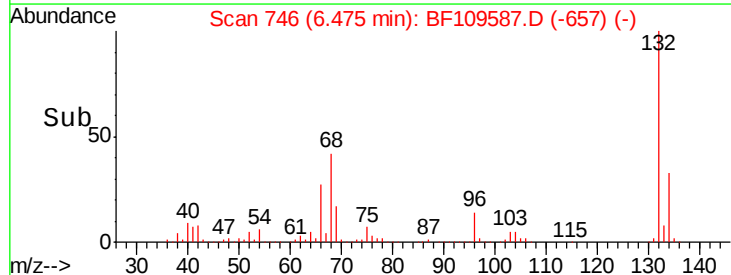
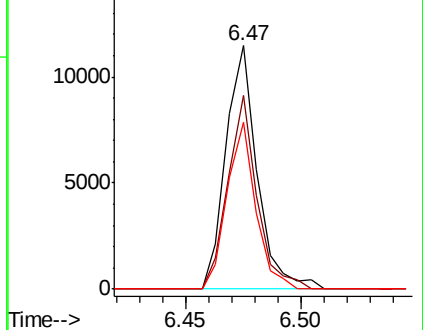
106 68.4 74.5 114.5#

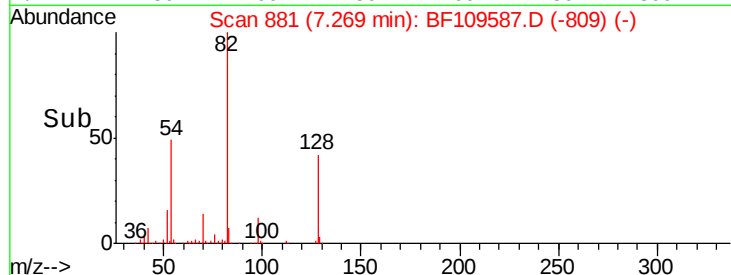
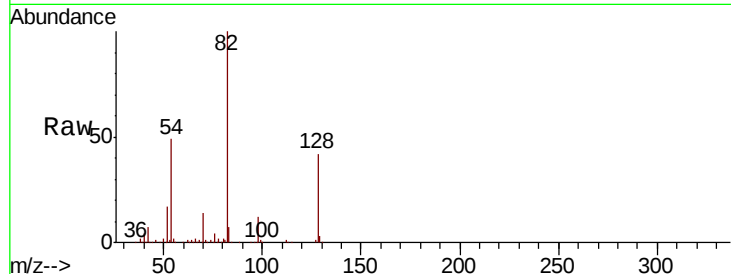
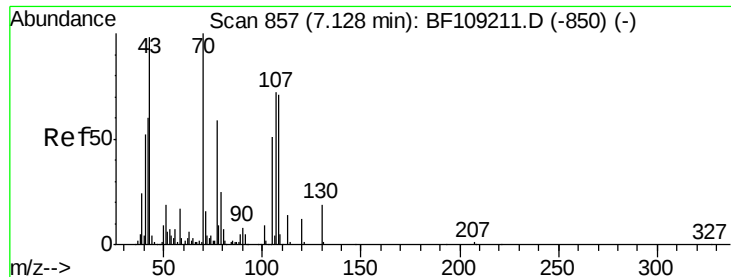


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

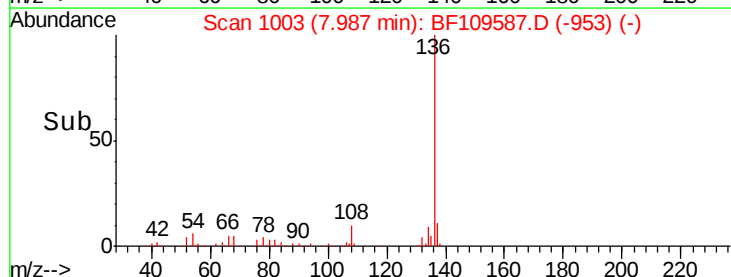
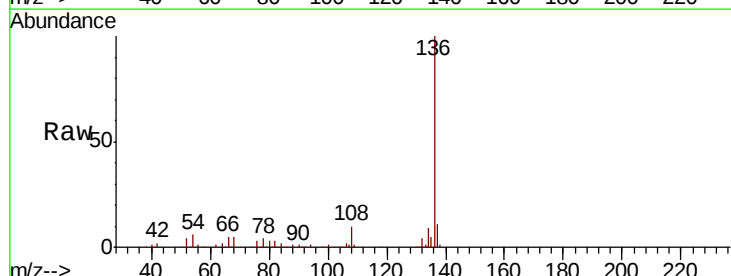
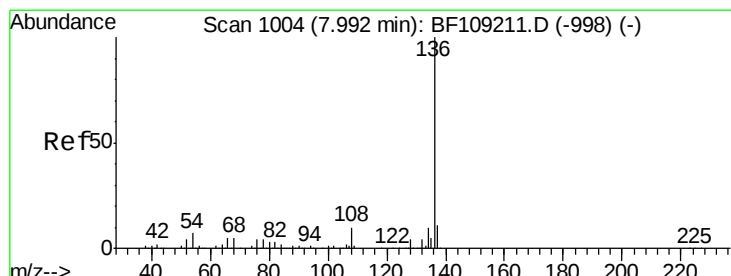
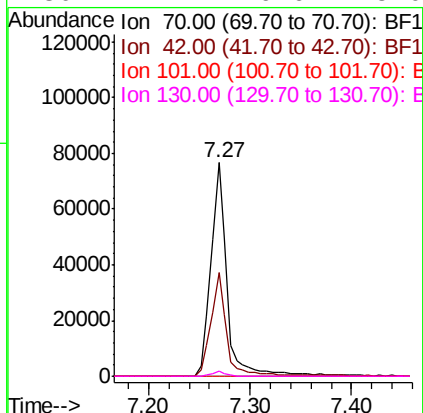




#19
n-Nitroso-di-n-propylamine
Concen: 18.396 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109587.D
Acq: 4 Oct 2018 15:30

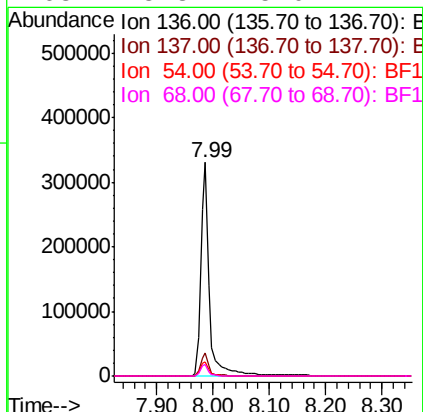
Instrument :
BNA_G
ClientSampleId :
100118-JETT-E-D-B

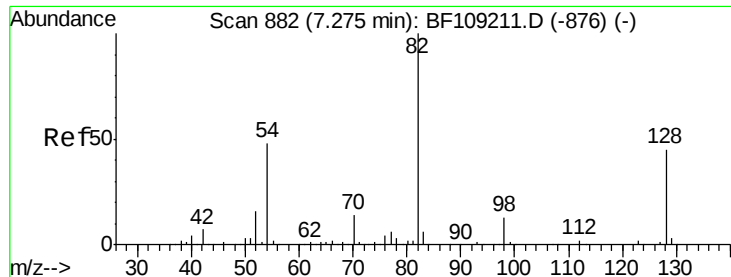
Tot Ion: 70 Resp: 85189
Ion Ratio Lower Upper
70 100
42 48.8 47.5 71.3
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109587.D
Acq: 4 Oct 2018 15:30

Tgt Ion: 136 Resp: 350221
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 6.4 6.6 9.8#
68 5.3 5.0 7.4

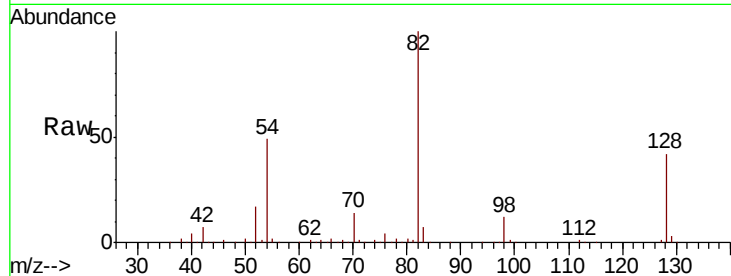




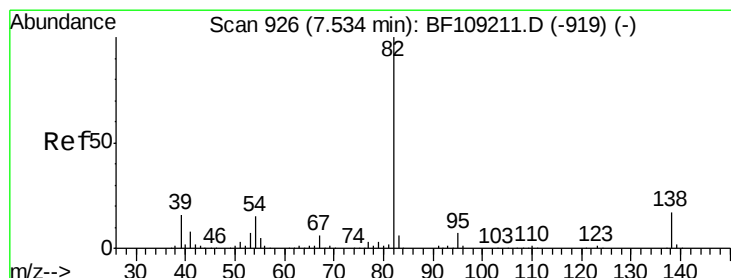
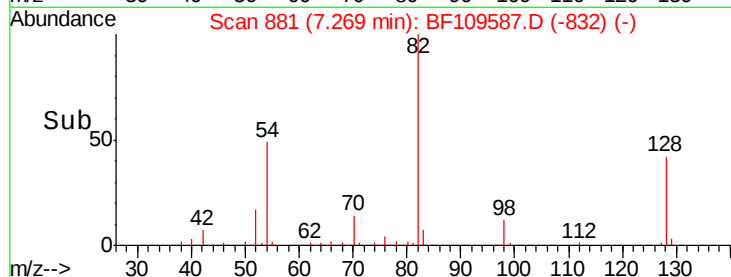
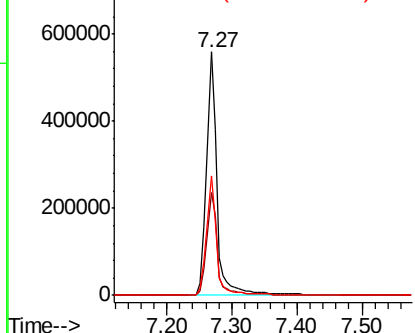
#23
Nitrobenzene-d5
Concen: 107.918 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109587.D
Acq: 4 Oct 2018 15:30

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

Tot Ion: 82 Resp: 640254
Ion Ratio Lower Upper
82 100
128 42.2 36.1 54.1
54 48.8 41.4 62.2

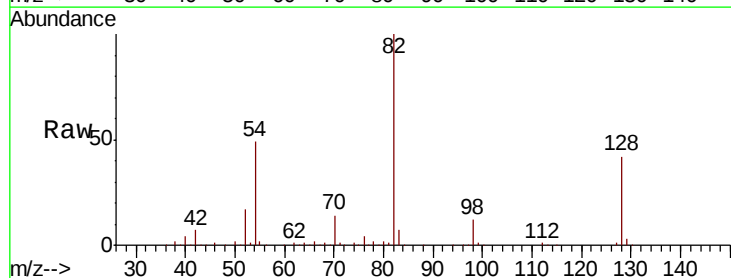


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

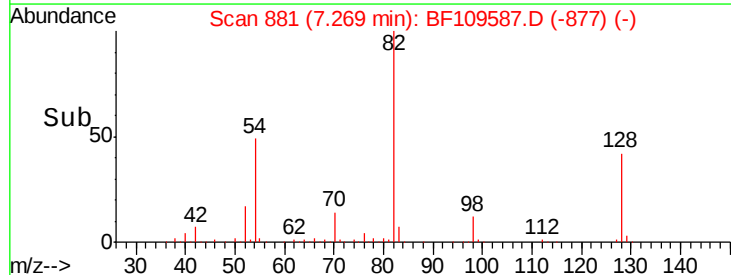
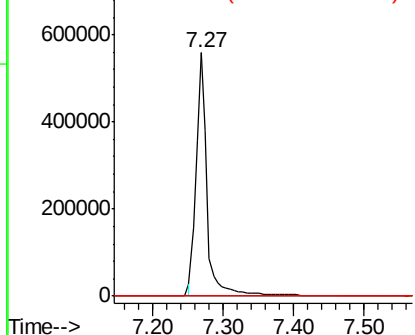


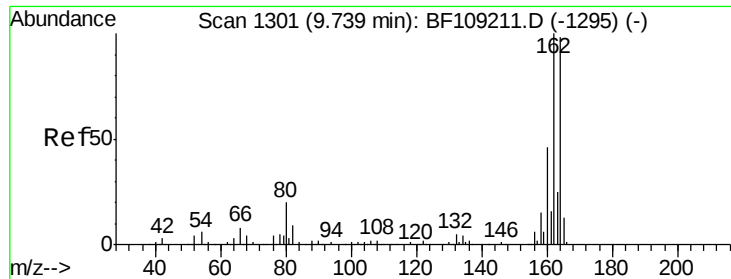
#25
Isophorone
Concen: 57.495 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109587.D
Acq: 4 Oct 2018 15:30

Tgt Ion: 82 Resp: 614239
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

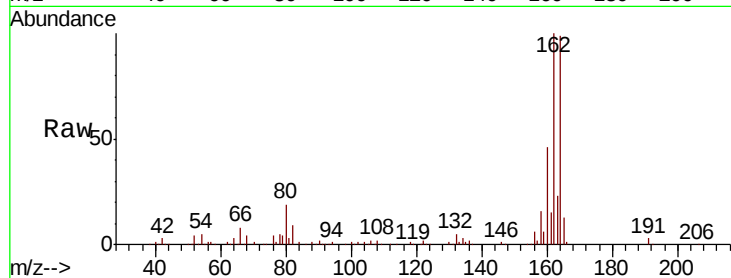




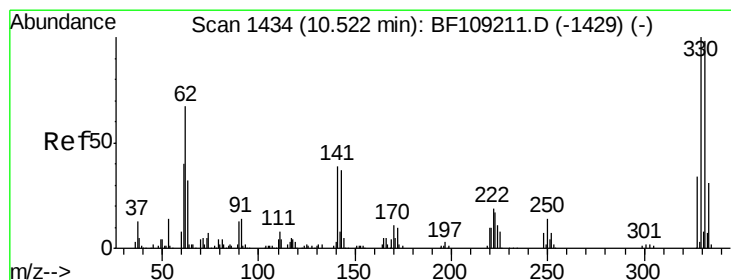
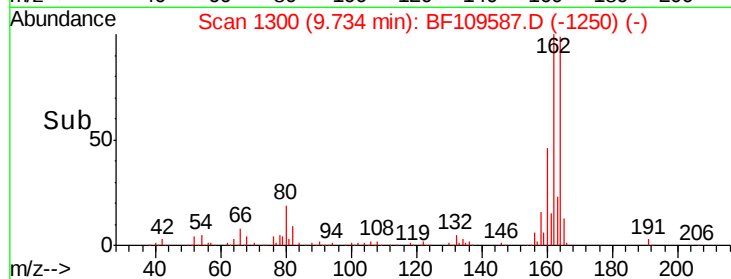
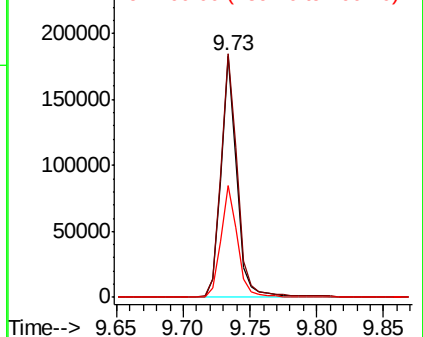
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109587.D
 Acq: 4 Oct 2018 15:30

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

Tot Ion:164 Resp: 155199
 Ion Ratio Lower Upper
 164 100
 162 100.8 86.1 129.1
 160 46.0 38.3 57.5

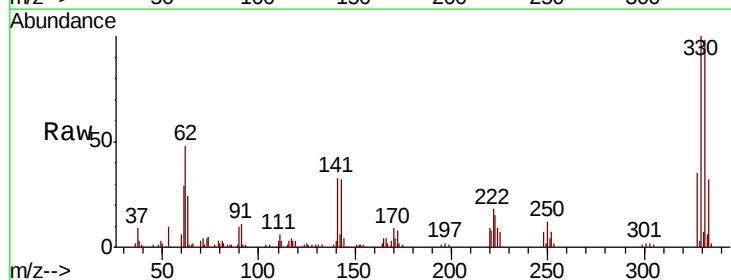


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

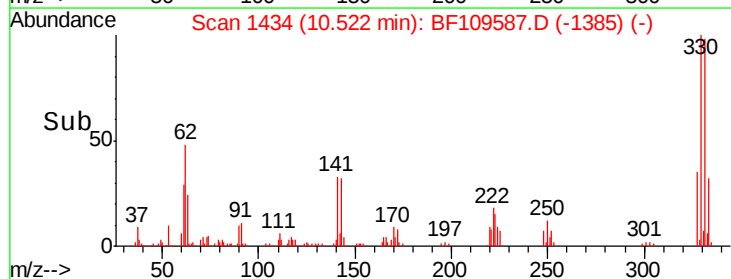
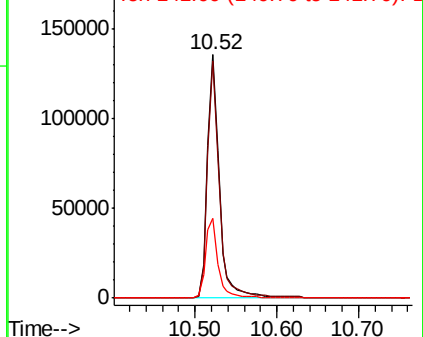


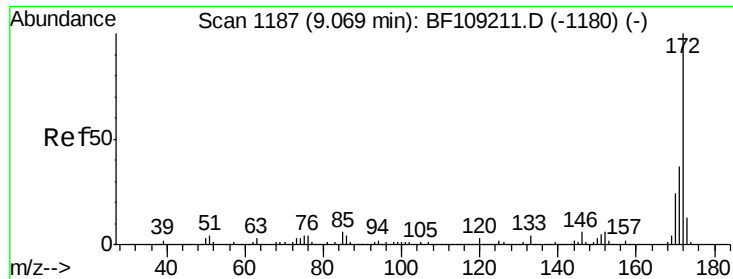
#41
 2,4,6-Tribromophenol
 Concen: 91.066 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109587.D
 Acq: 4 Oct 2018 15:30

Tgt Ion:330 Resp: 139325
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 34.5 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: 107.973 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.01 min

Lab File: BF109587.D

Acq: 4 Oct 2018 15:30

Instrument :

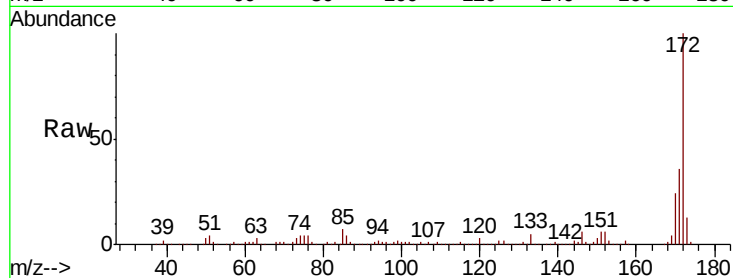
BNA_G

ClientSampleId :

100118-JETT-E-D-B

Tot Ion:172 Resp: 1111086

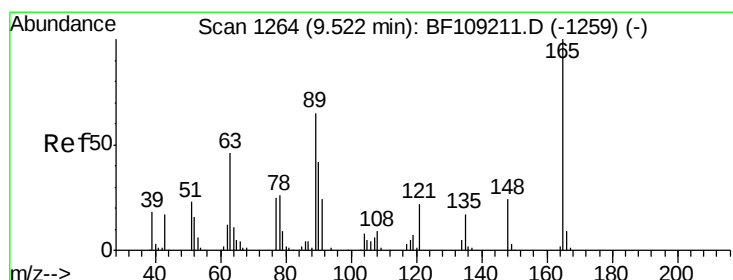
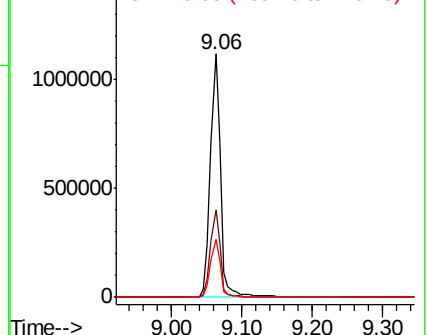
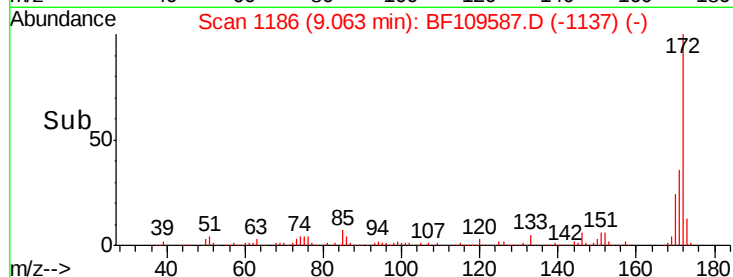
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.9	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E

1500000 Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50

2,6-Dinitrotoluene

Concen: 8.735 ng

RT: 9.73 min Scan# 1300

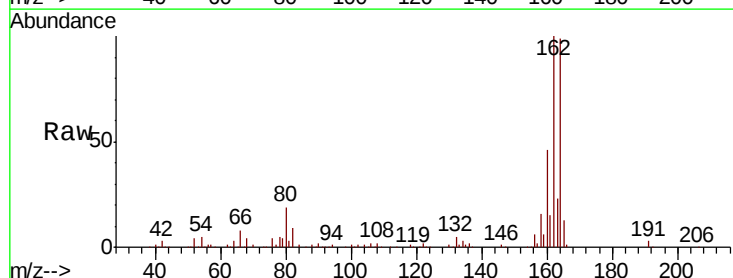
Delta R.T. 0.20 min

Lab File: BF109587.D

Acq: 4 Oct 2018 15:30

Tgt Ion:165 Resp: 19529

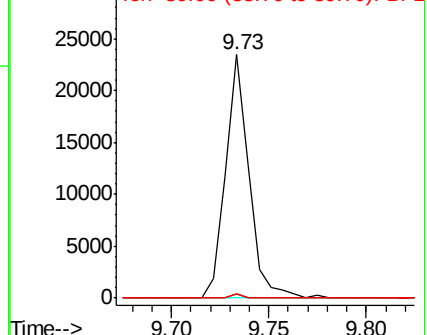
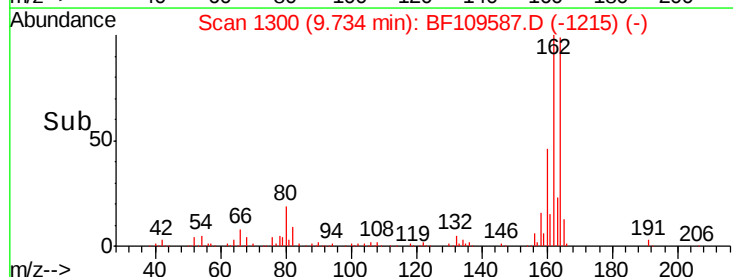
Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.9	44.0	66.0#

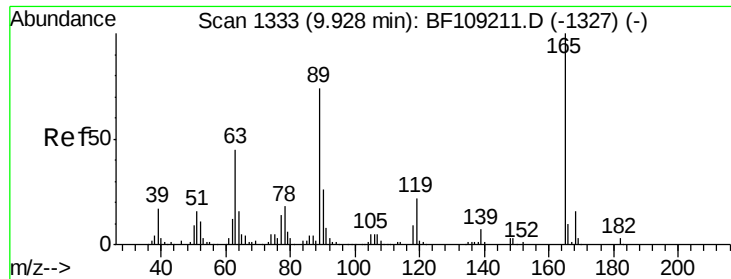


Abundance Ion 165.00 (164.70 to 165.70): E

30000 Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#56

2,4-Dinitrotoluene

Concen: 6.904 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.21 min

Lab File: BF109587.D

Acq: 4 Oct 2018 15:30

Instrument :

BNA_G

ClientSampleId :

100118-JETT-E-D-B

Tot Ion:165 Resp: 19529

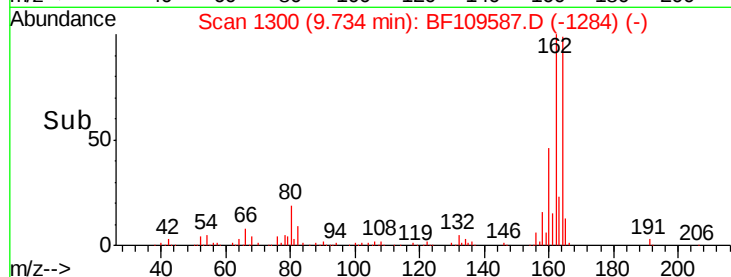
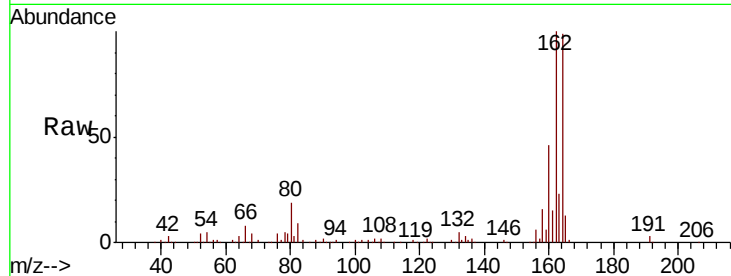
Ion Ratio Lower Upper

165 100

63 1.5 36.4 54.6#

89 1.9 57.8 86.6#

182 0.0 1.6 2.4#

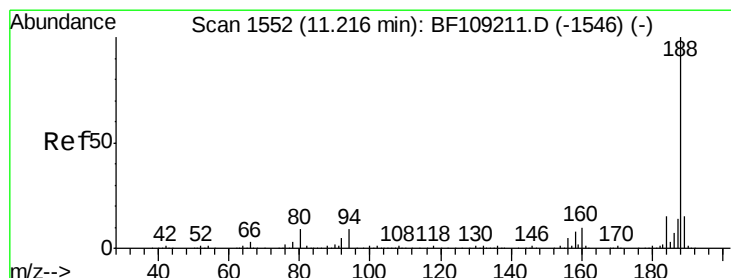
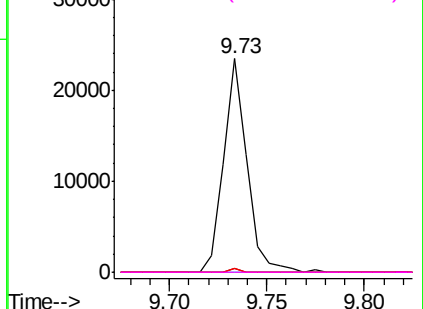


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF109587.D

Acq: 4 Oct 2018 15:30

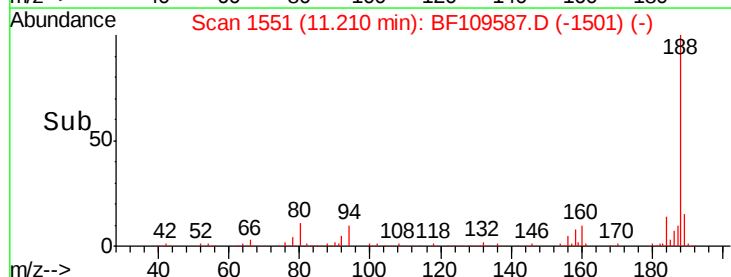
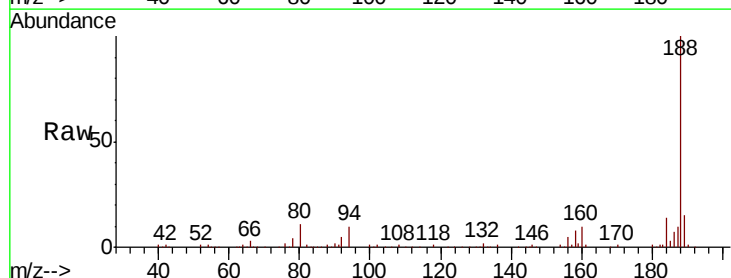
Tgt Ion:188 Resp: 250514

Ion Ratio Lower Upper

188 100

94 9.5 8.5 12.7

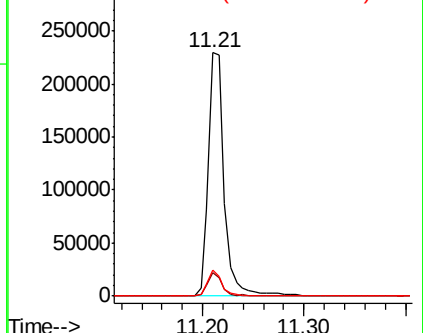
80 10.7 9.2 13.8

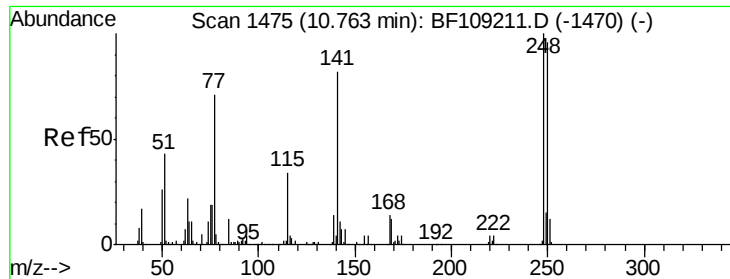


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

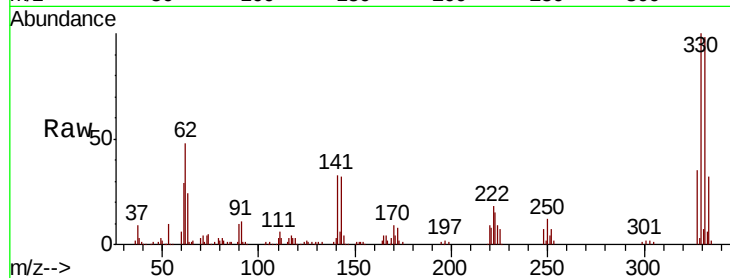




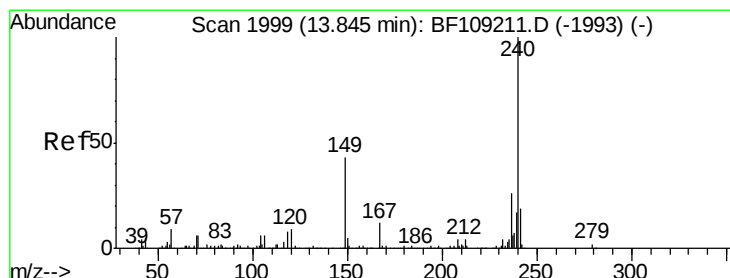
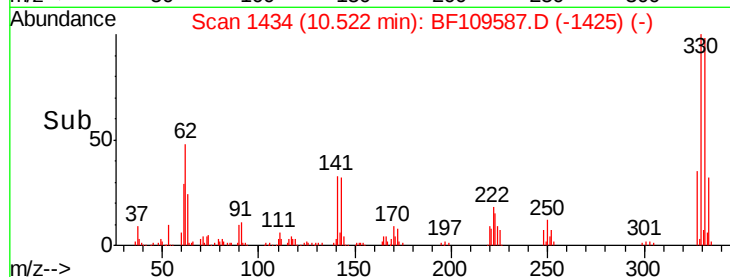
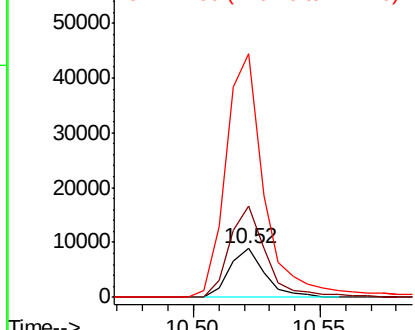
#66
4-Bromophenyl-phenylether
Concen: 3.116 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109587.D
Acq: 4 Oct 2018 15:30

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

Tot Ion:248 Resp: 8668
Ion Ratio Lower Upper
248 100
250 187.4 76.9 115.3#
141 501.2 74.4 111.6#

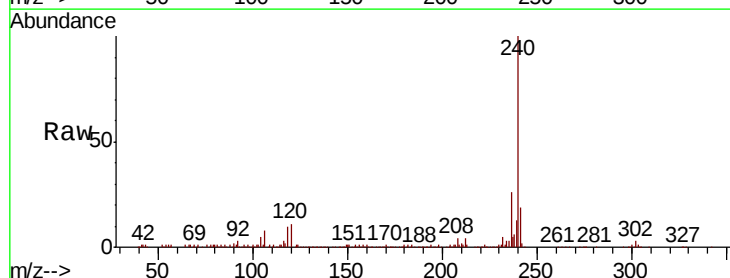


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

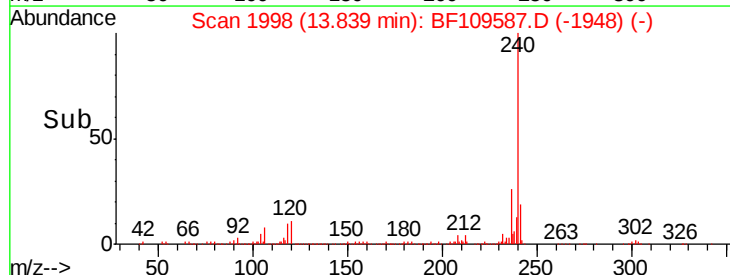
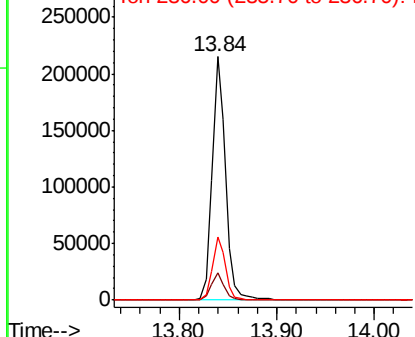


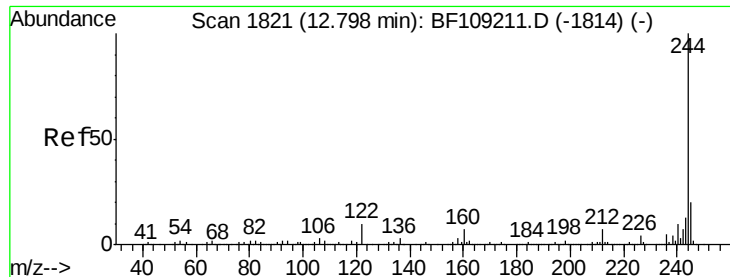
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109587.D
Acq: 4 Oct 2018 15:30

Tgt Ion:240 Resp: 204707
Ion Ratio Lower Upper
240 100
120 11.4 9.5 14.3
236 25.8 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: 93.425 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109587.D

Acq: 4 Oct 2018 15:30

Instrument :

BNA_G

ClientSampleId :

100118-JETT-E-D-B

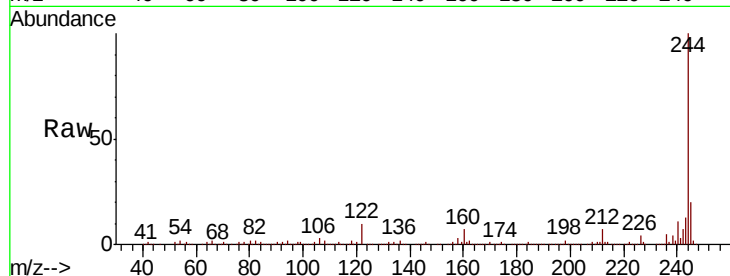
Tot Ion:244 Resp: 779279

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

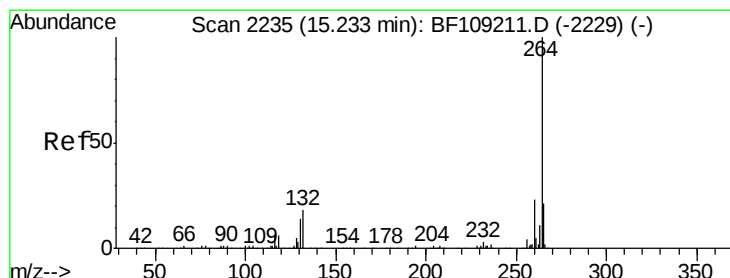
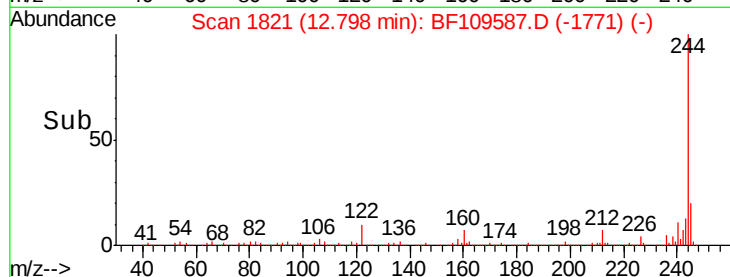
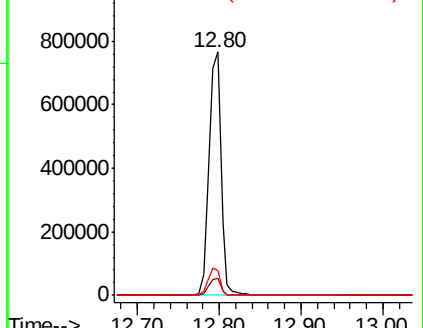
122 10.0 11.0 16.4#



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: BF109587.D

Acq: 4 Oct 2018 15:30

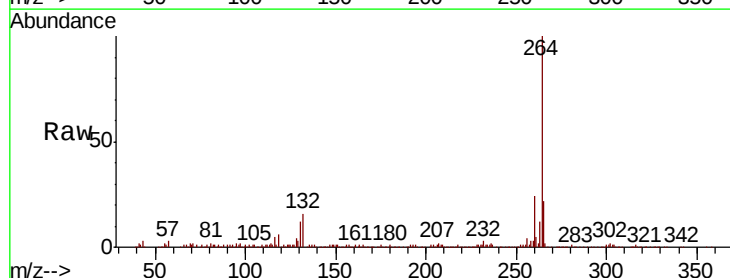
Tgt Ion:264 Resp: 205590

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.9 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

