

Data File : BF109356.D
Acq On : 26 Sep 2018 23:52
Operator : JU/SJ
Sample : J5078-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
600-WILSON-AVE-NEWARK

Quant Time: Sep 27 05:41:27 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	93099	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	318751	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	130109	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	257976	20.00	ng	0.00
75) Chrysene-d12	13.84	240	277192	20.00	ng	0.00
86) Perylene-d12	15.24	264	231976	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	286681	50.72	ng	0.00
7) Phenol-d6	6.35	99	219518	30.44	ng	-0.01
23) Nitrobenzene-d5	7.27	82	466316	86.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	157544	122.83	ng	0.06
44) 2-Fluorobiphenyl	9.06	172	766455	88.85	ng	-0.01
78) Terphenyl-d14	12.80	244	795937	70.47	ng	0.00

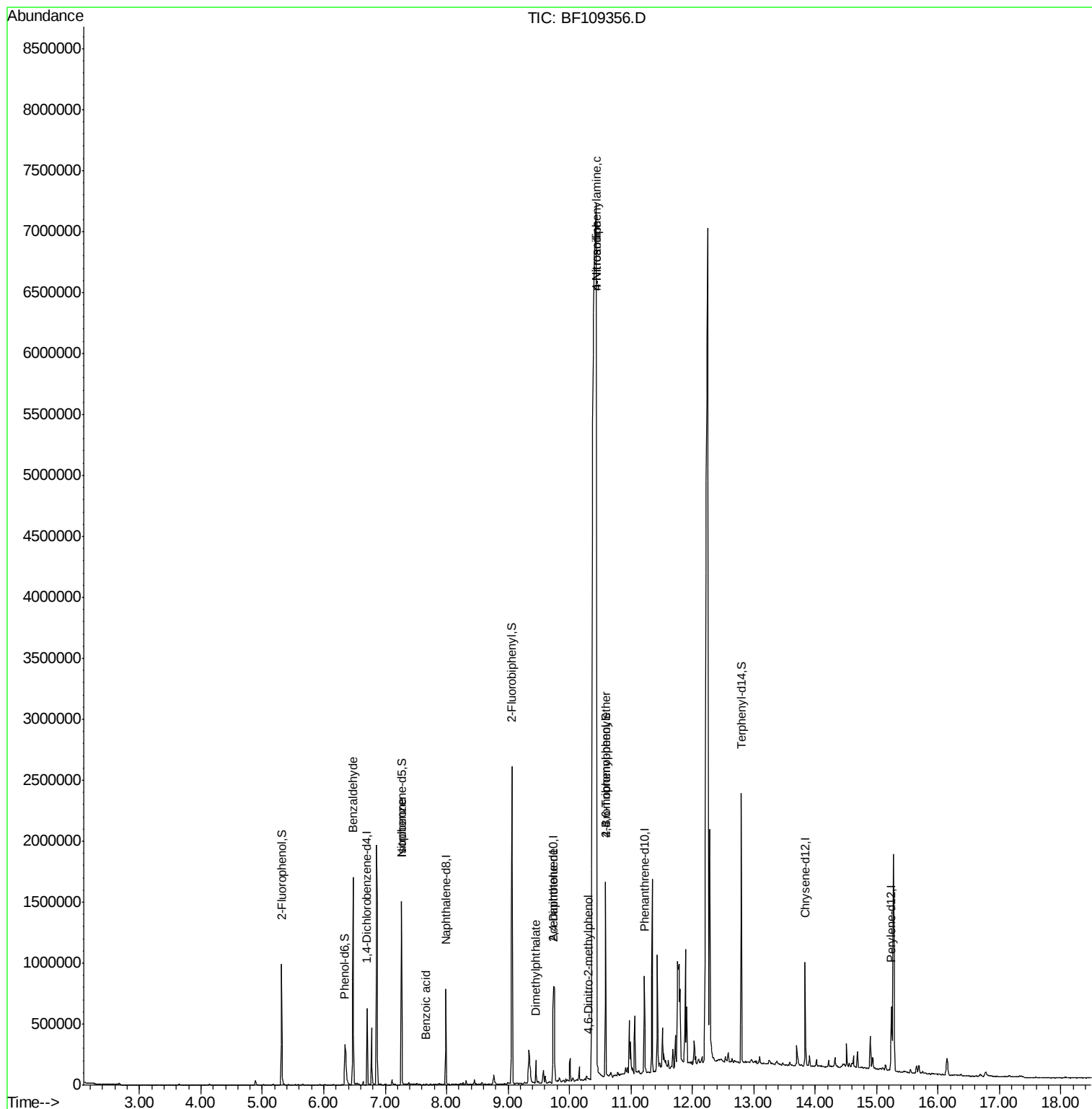
Target Compounds				Qvalue		
9) Benzaldehyde	6.47	77	11338	2.447	ng	# 77
25) Isophorone	7.27	82	450913	46.374	ng	# 64
32) Benzoic acid	7.67	122	436	6.927	ng	# 1
49) Dimethylphthalate	9.46	163	65889	6.963	ng	98
56) 2,4-Dinitrotoluene	9.74	165	17081	7.203	ng	# 25
61) 4-Nitroaniline	10.44	138	55222	26.088	ng	# 37
64) 4,6-Dinitro-2-methylphenol	10.32	198	348	6.811	ng	# 1
65) n-Nitrosodiphenylamine	10.44	169	29544	3.466	ng	# 1
66) 4-Bromophenyl-phenylether	10.59	248	9848	3.438	ng	# 1

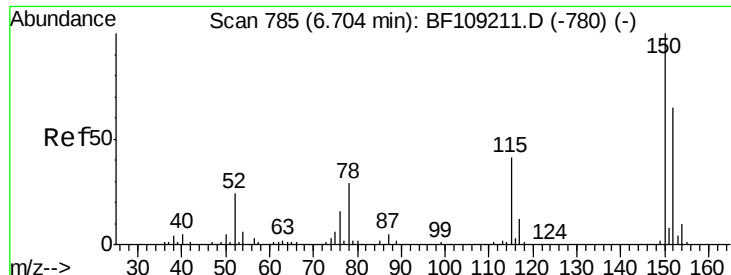
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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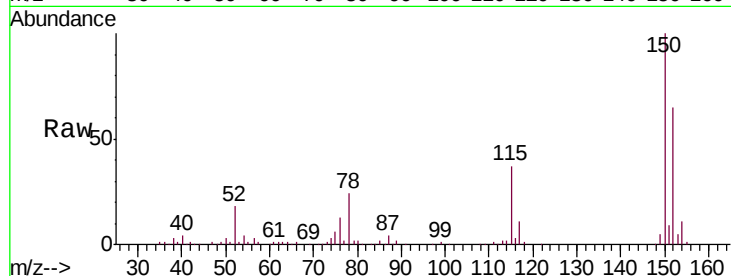




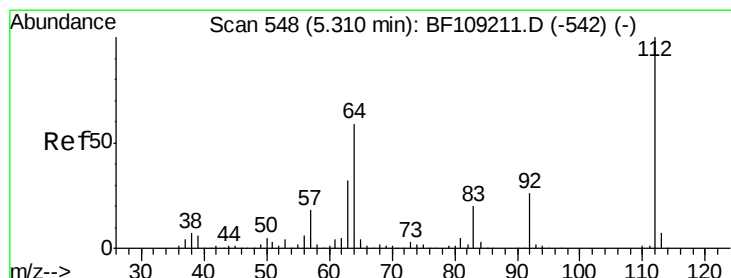
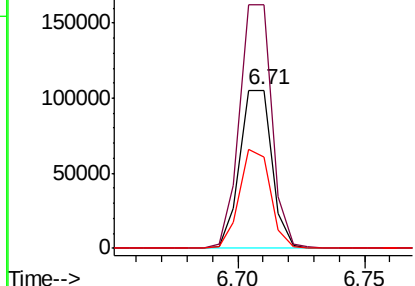
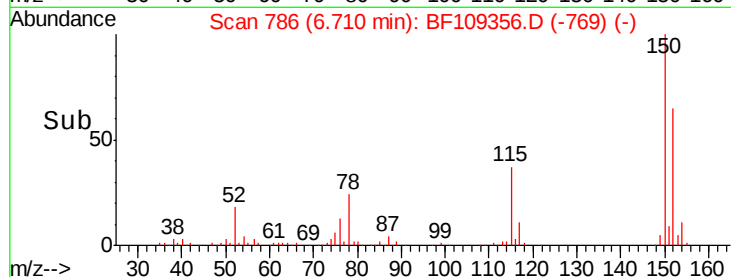
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF109356.D
 Acq: 26 Sep 2018 23:52

Instrument :
 BNA_F
 ClientSampleId :
 600-WILSON-AVE-NEWARK

Tgt Ion:152 Resp: 93099
 Ion Ratio Lower Upper
 152 100
 150 153.9 124.6 186.8
 115 57.6 50.1 75.1

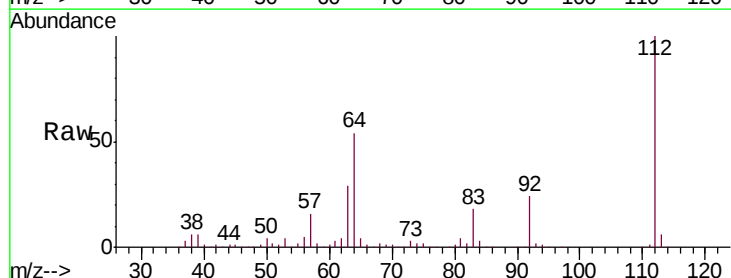


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

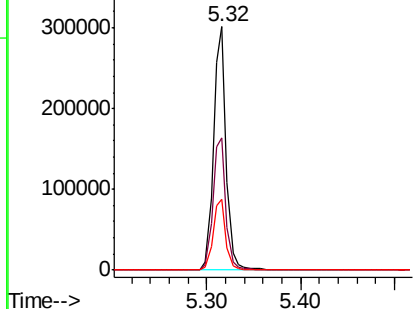
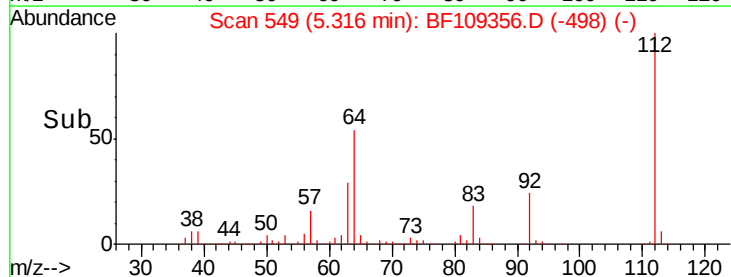


#5
 2-Fluorophenol
 Concen: 50.719 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF109356.D
 Acq: 26 Sep 2018 23:52

Tgt Ion:112 Resp: 286681
 Ion Ratio Lower Upper
 112 100
 64 54.5 47.9 71.9
 63 28.9 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: 30.435 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109356.D

Acq: 26 Sep 2018 23:52

Instrument :

BNA_F

ClientSampleId :

600-WILSON-AVE-NEWARK

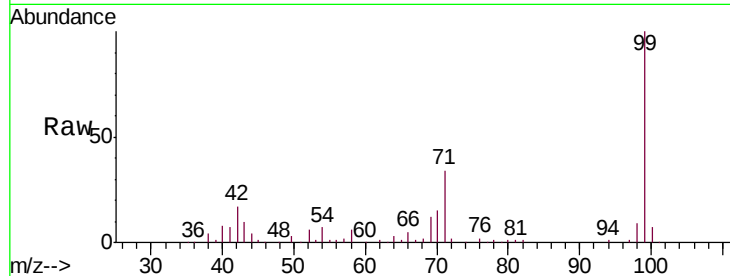
Tgt Ion: 99 Resp: 219518

Ion Ratio Lower Upper

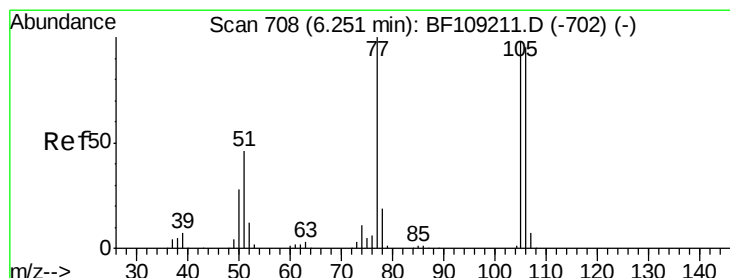
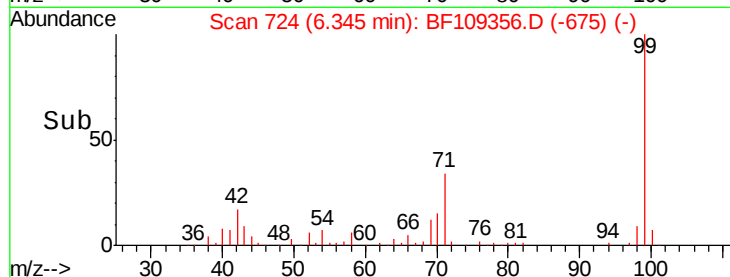
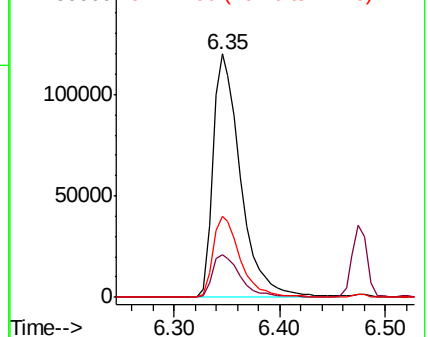
99 100

42 17.4 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: 2.447 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF109356.D

Acq: 26 Sep 2018 23:52

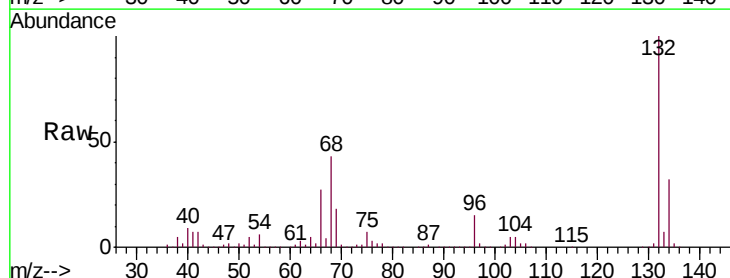
Tgt Ion: 77 Resp: 11338

Ion Ratio Lower Upper

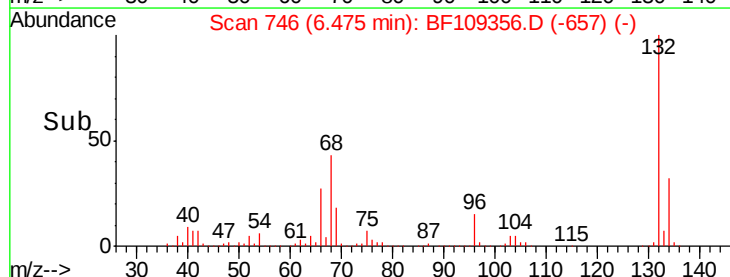
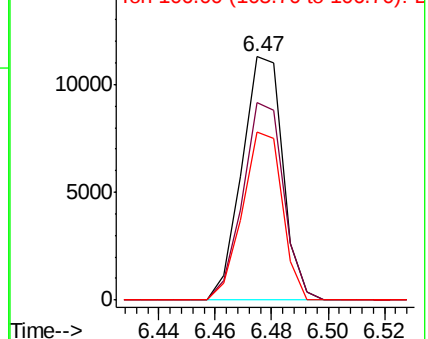
77 100

105 81.2 81.1 121.1

106 69.3 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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109356.D

Acq: 26 Sep 2018 23:52

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ClientSampleId :

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Tgt Ion:136 Resp: 318751

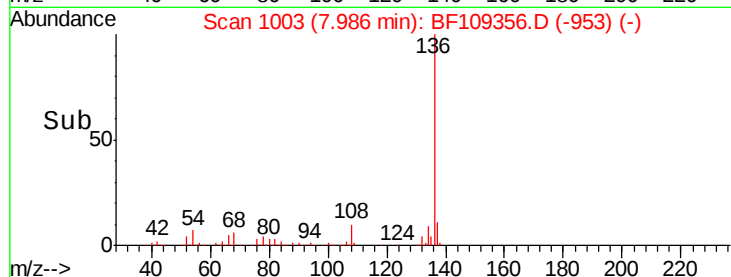
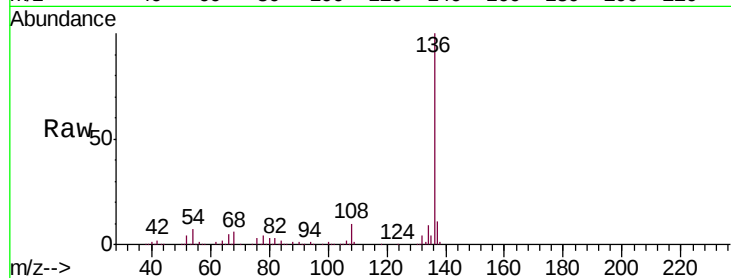
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.2 6.6 9.8

68 6.1 5.0 7.4

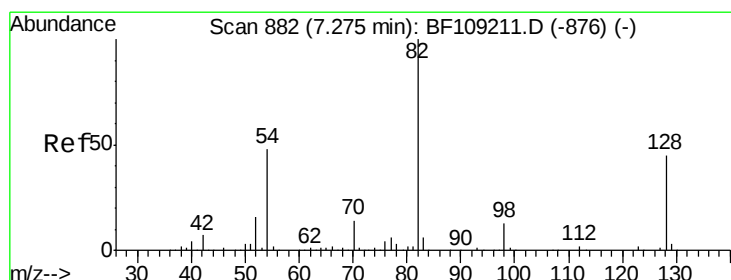
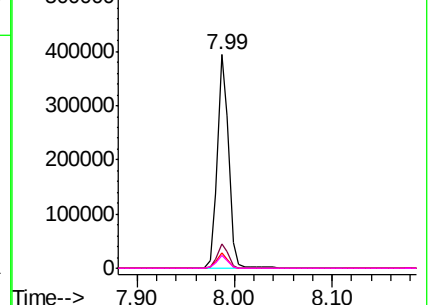


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.360 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF109356.D

Acq: 26 Sep 2018 23:52

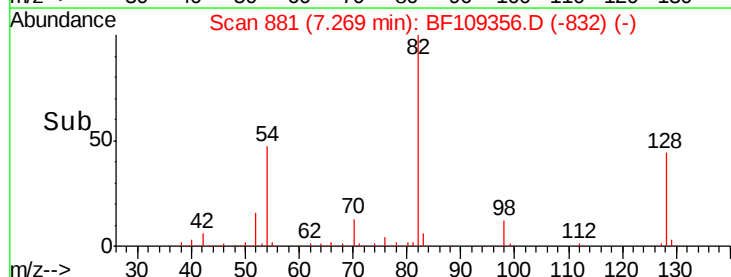
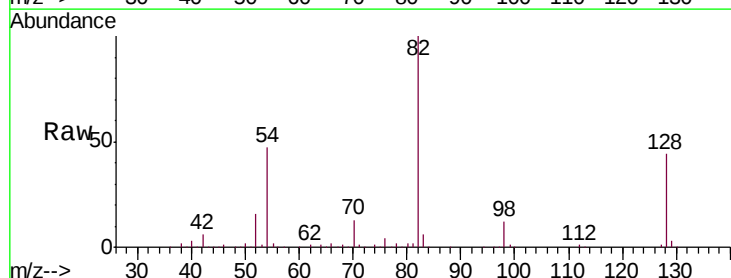
Tgt Ion: 82 Resp: 466316

Ion Ratio Lower Upper

82 100

128 44.2 36.1 54.1

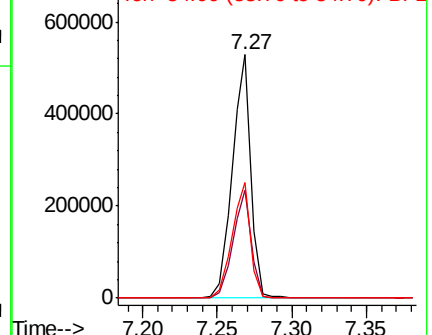
54 47.3 41.4 62.2

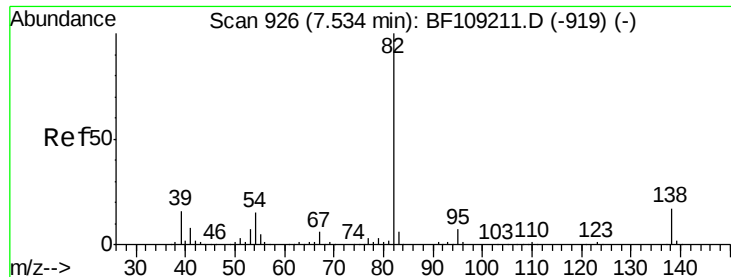


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 46.374 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.28 min

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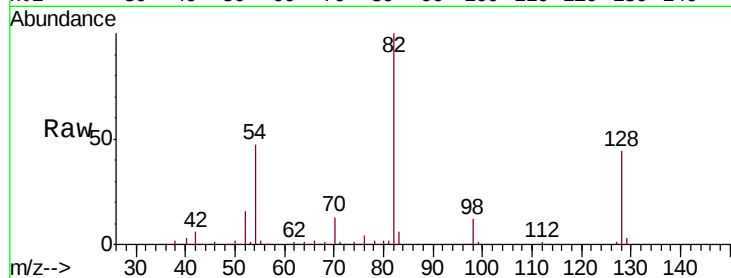
Tgt Ion: 82 Resp: 450913

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

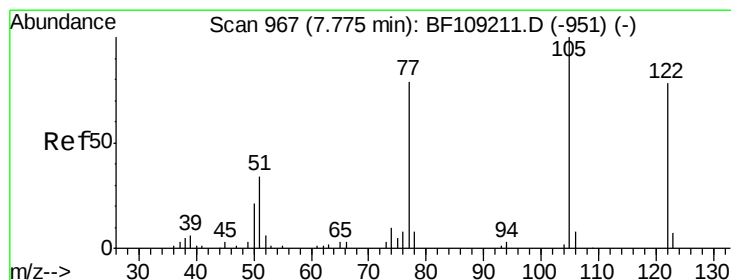
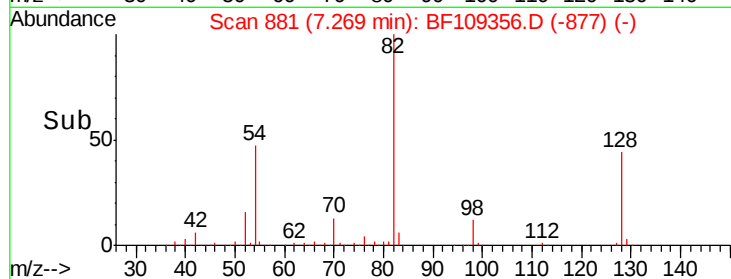
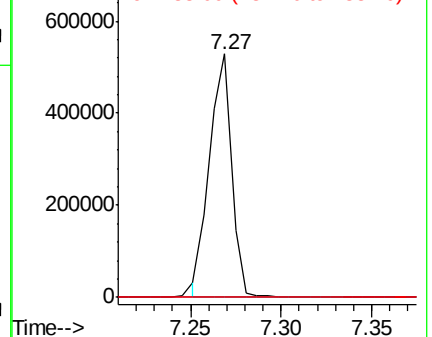
138 0.0 14.9 22.3#



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



#32

Benzoic acid

Concen: 6.927 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.15 min

Lab File: BF109356.D

Acq: 26 Sep 2018 23:52

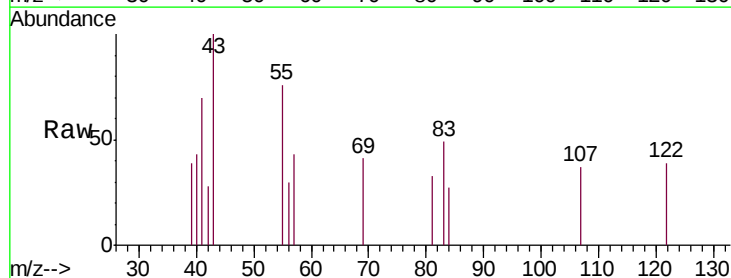
Tgt Ion: 122 Resp: 436

Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

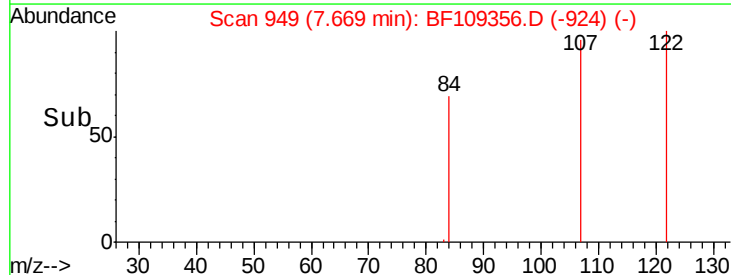
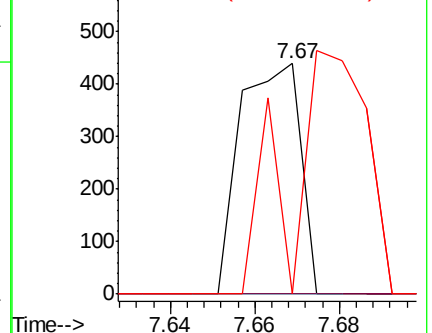
77 0.0 70.7 110.7#

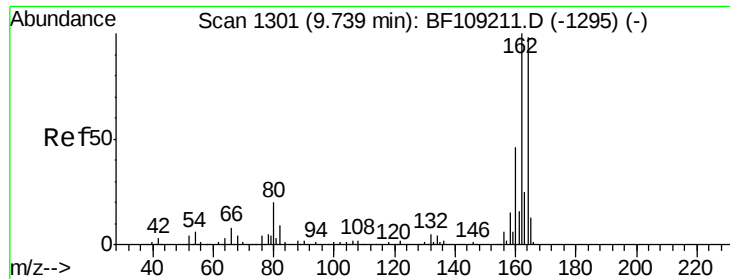


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

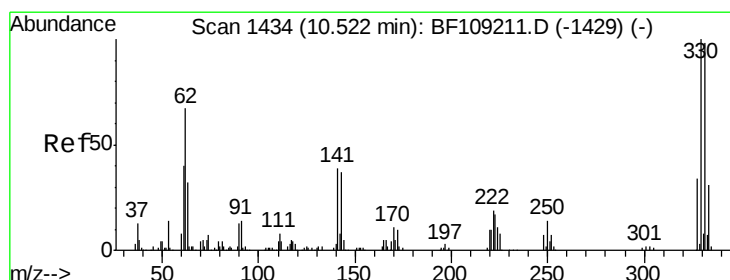
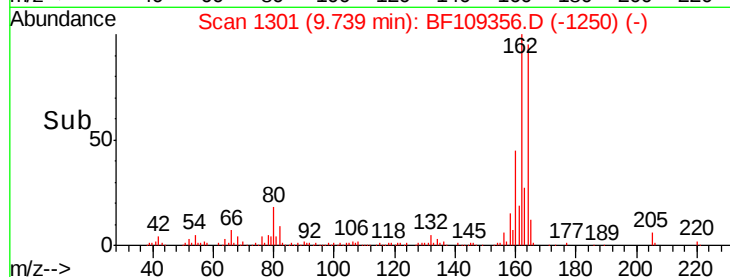
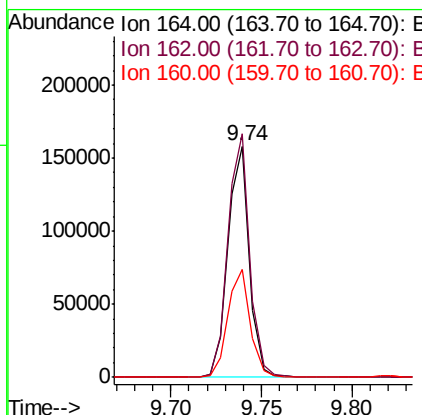
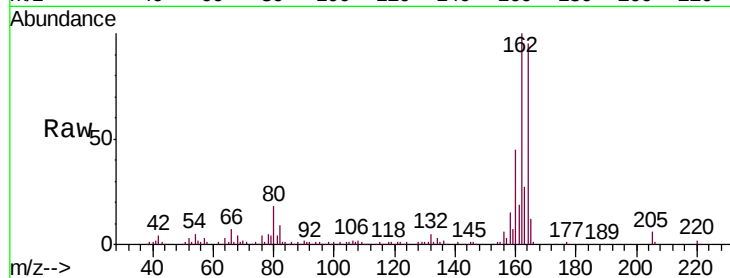




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF109356.D
Acq: 26 Sep 2018 23:52

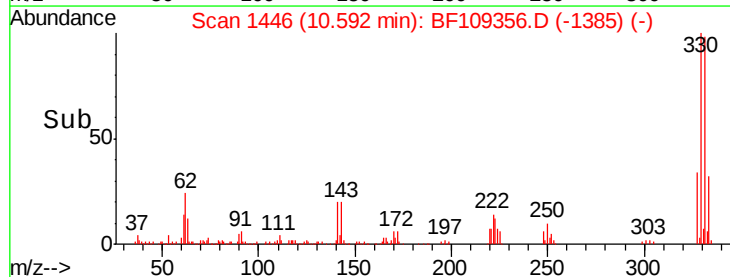
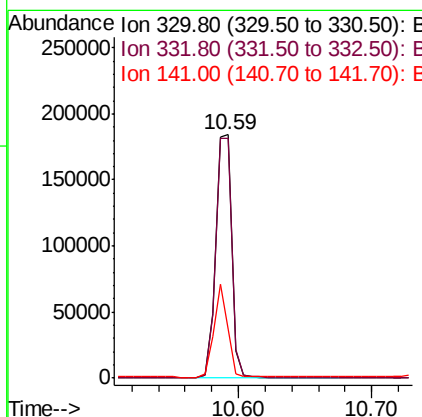
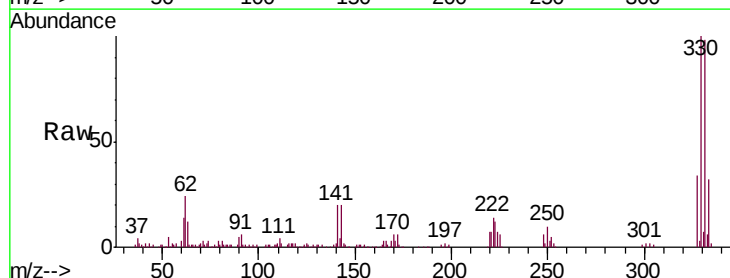
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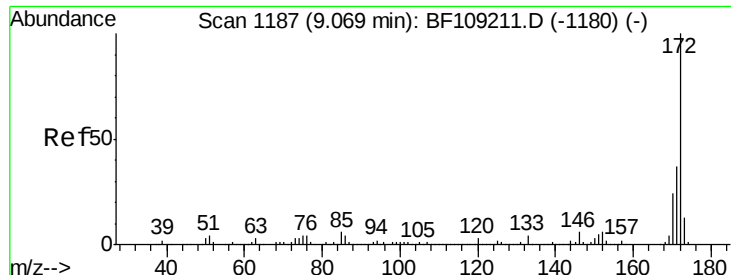
Tgt Ion:164 Resp: 130109
Ion Ratio Lower Upper
164 100
162 105.2 86.1 129.1
160 46.8 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 122.831 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.06 min
Lab File: BF109356.D
Acq: 26 Sep 2018 23:52

Tgt Ion:330 Resp: 157544
Ion Ratio Lower Upper
330 100
332 98.5 77.0 115.6
141 32.7 29.9 44.9

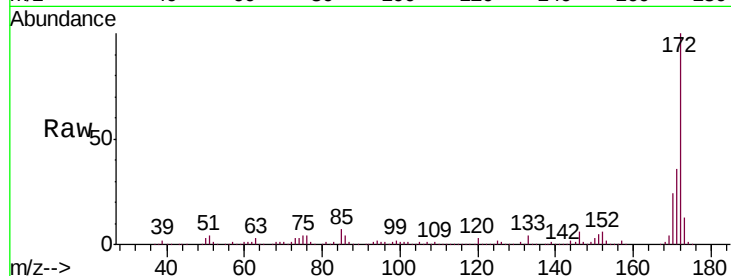




#44
2-Fluorobiphenyl
Concen: 88.846 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109356.D
Acq: 26 Sep 2018 23:52

Instrument :
BNA_F
ClientSampleId :
600-WILSON-AVE-NEWARK

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.7	19.6	29.4

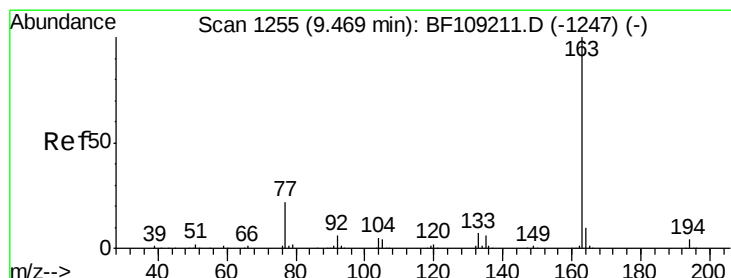
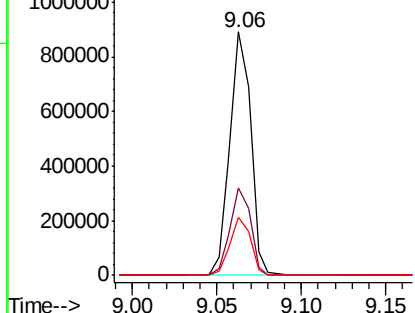
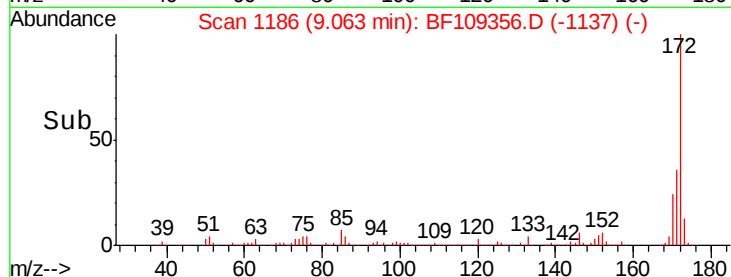


Abundance

Ion 172.00 (171.70 to 172.70): E

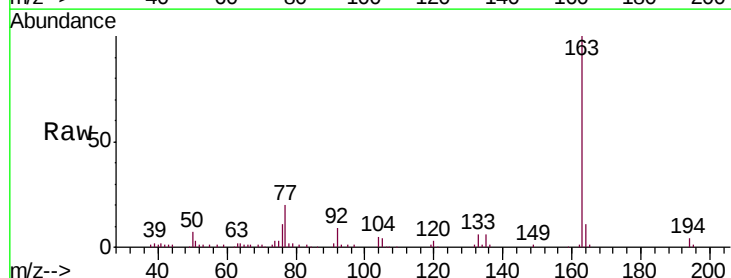
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#49
Dimethylphthalate
Concen: 6.963 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109356.D
Acq: 26 Sep 2018 23:52

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1
164	10.9	8.2	12.2

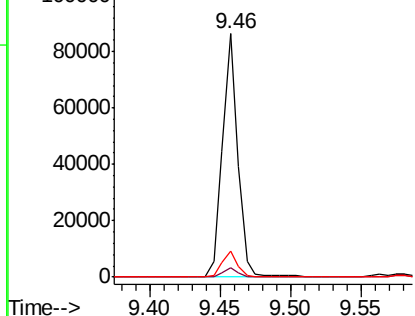
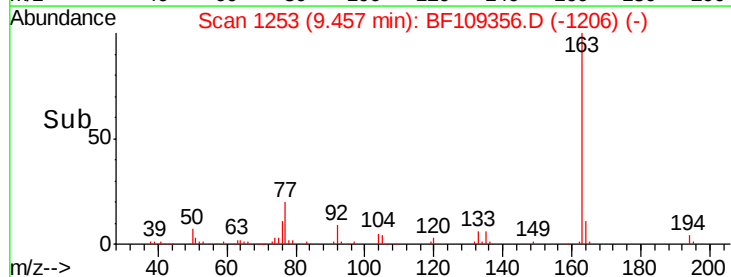


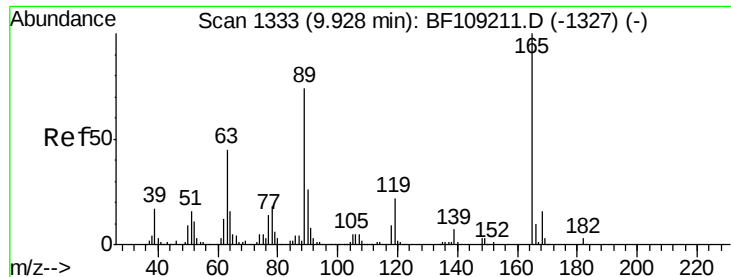
Abundance

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

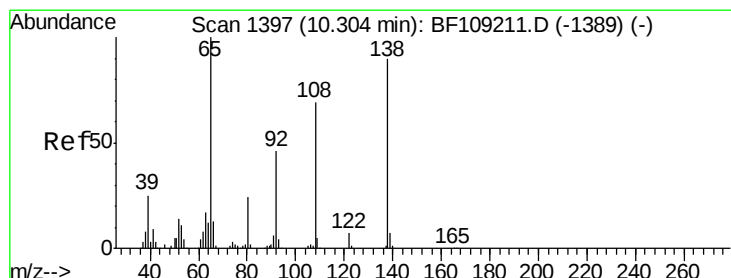
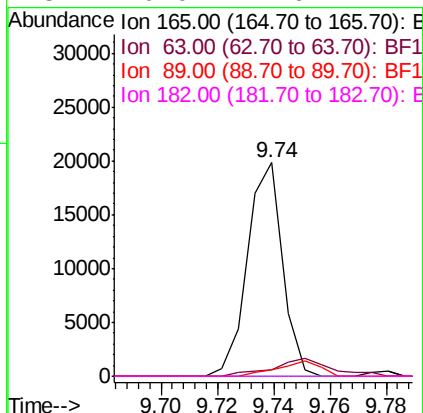
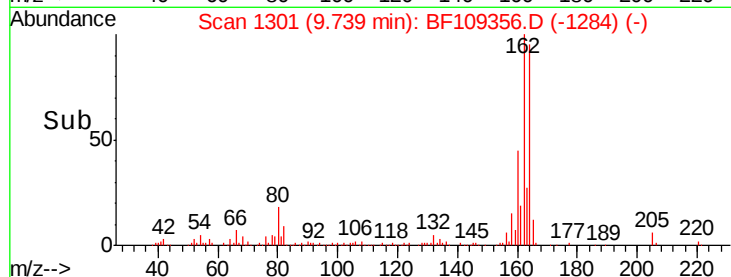
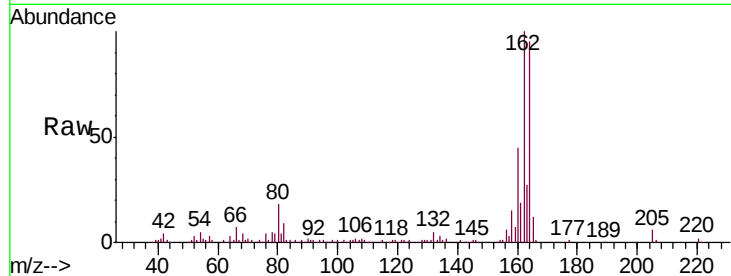




#56
 2,4-Dinitrotoluene
 Concen: 7.203 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.20 min
 Lab File: BF109356.D
 Acq: 26 Sep 2018 23:52

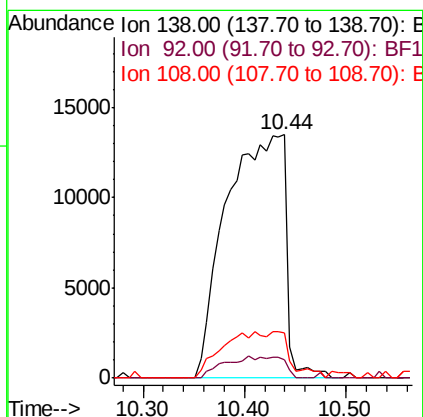
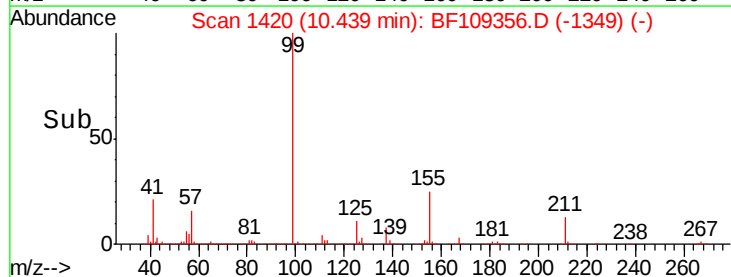
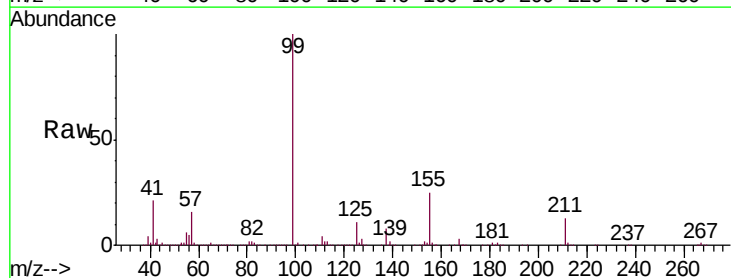
Instrument :
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 600-WILSON-AVE-NEWARK

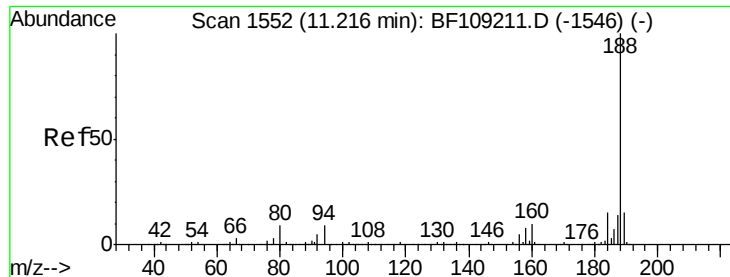
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	17081		
63	2.7	36.4	54.6#	
89	2.9	57.8	86.6#	
182	0.0	1.6	2.4#	



#61
 4-Nitroaniline
 Concen: 26.088 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.12 min
 Lab File: BF109356.D
 Acq: 26 Sep 2018 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	55222		
92	7.8	30.2	70.2#	
108	18.4	52.5	92.5#	

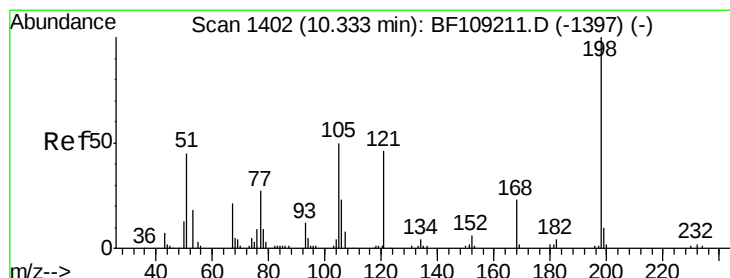
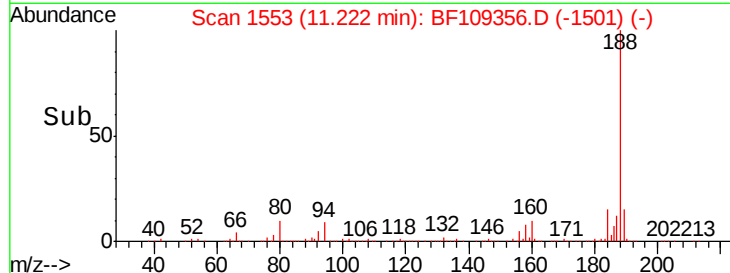
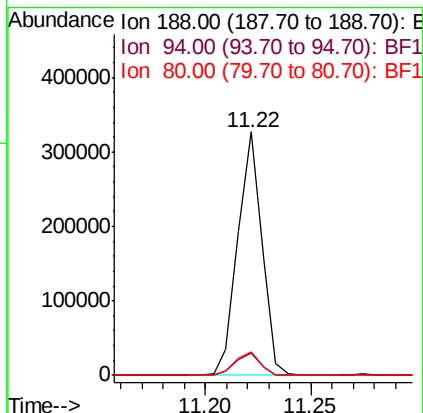
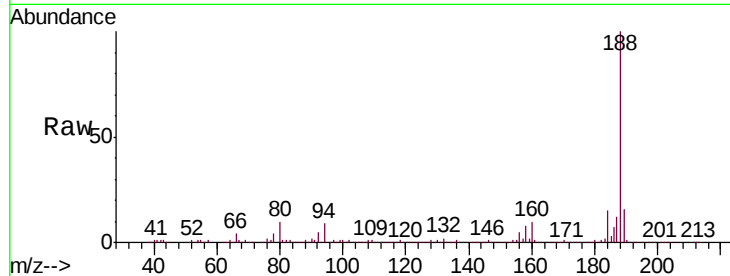




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. 0.01 min
 Lab File: BF109356.D
 Acq: 26 Sep 2018 23:52

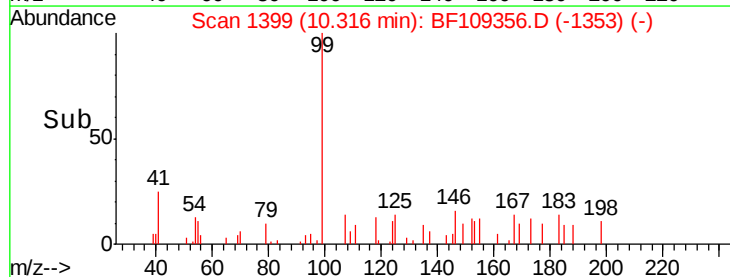
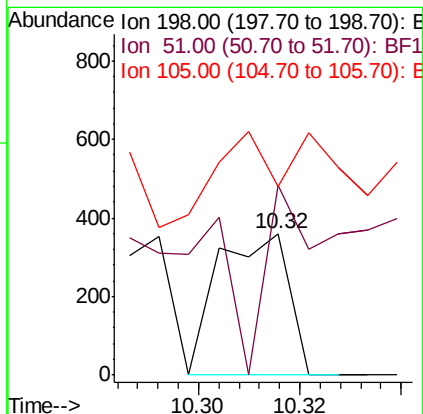
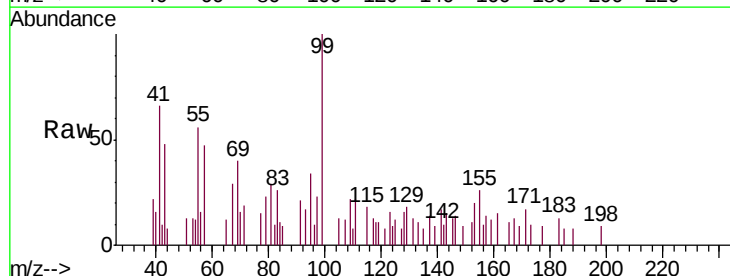
Instrument :
 BNA_F
 ClientSampleId :
 600-WILSON-AVE-NEWARK

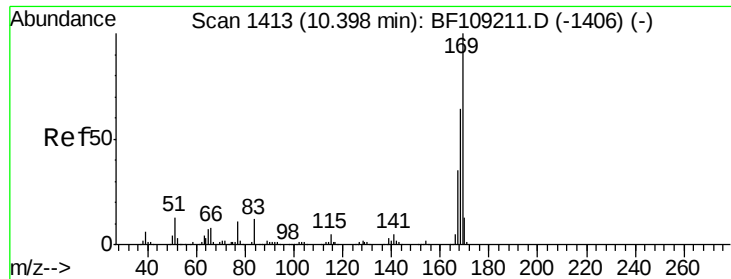
Tgt Ion:188 Resp: 257976
 Ion Ratio Lower Upper
 188 100
 94 9.3 8.5 12.7
 80 9.8 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.811 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.03 min
 Lab File: BF109356.D
 Acq: 26 Sep 2018 23:52

Tgt Ion:198 Resp: 348
 Ion Ratio Lower Upper
 198 100
 51 134.2 37.7 77.7#
 105 133.3 36.3 76.3#





#65

n-Nitrosodiphenylamine

Concen: 3.466 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.04 min

Lab File: BF109356.D

Acq: 26 Sep 2018 23:52

Instrument :

BNA_F

ClientSampleId :

600-WILSON-AVE-NEWARK

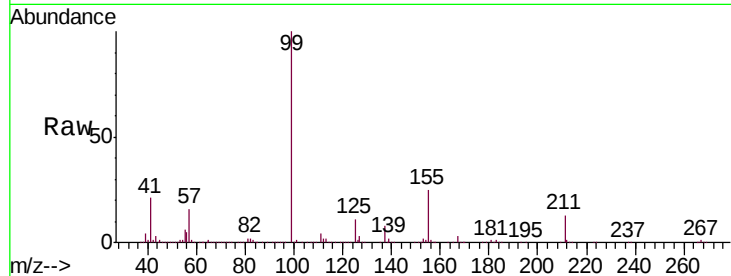
Tgt Ion:169 Resp: 29544

Ion Ratio Lower Upper

169 100

168 62.5 54.4 81.6

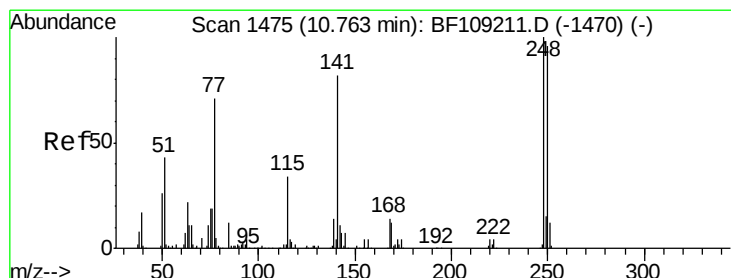
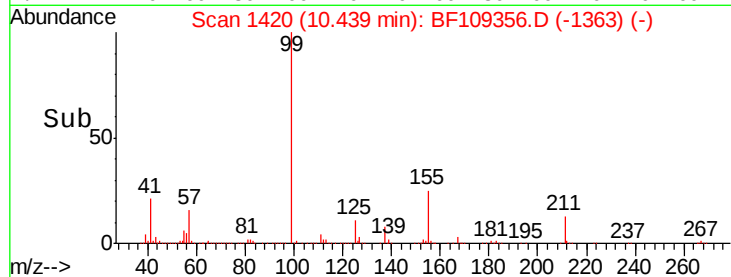
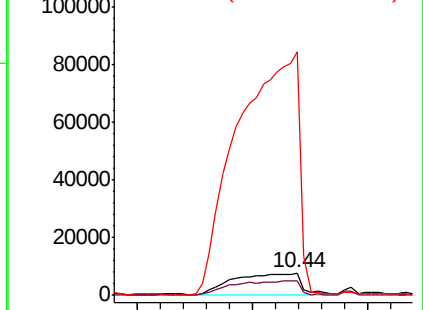
167 1092.9 29.8 44.6#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 3.438 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.18 min

Lab File: BF109356.D

Acq: 26 Sep 2018 23:52

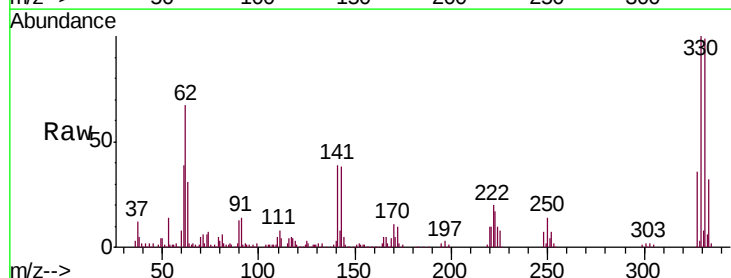
Tgt Ion:248 Resp: 9848

Ion Ratio Lower Upper

248 100

250 201.0 76.9 115.3#

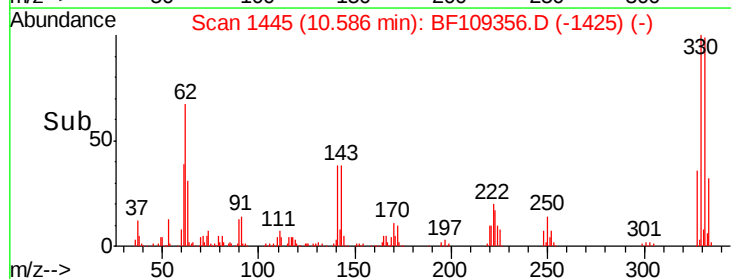
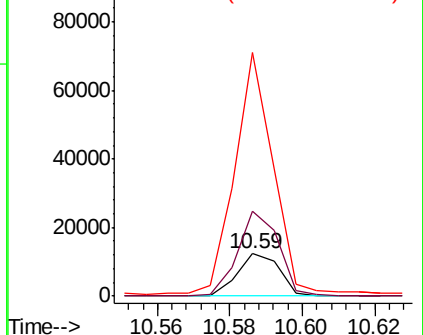
141 579.3 74.4 111.6#

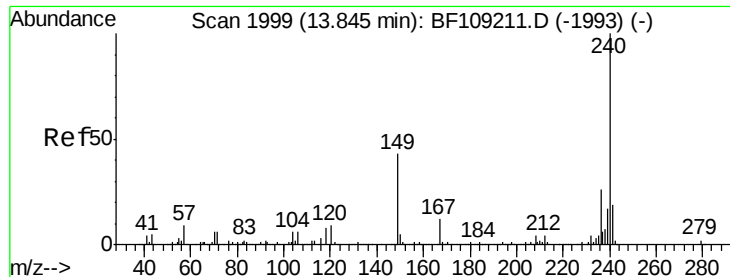


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF109356.D

Acq: 26 Sep 2018 23:52

Instrument :

BNA_F

ClientSampleId :

600-WILSON-AVE-NEWARK

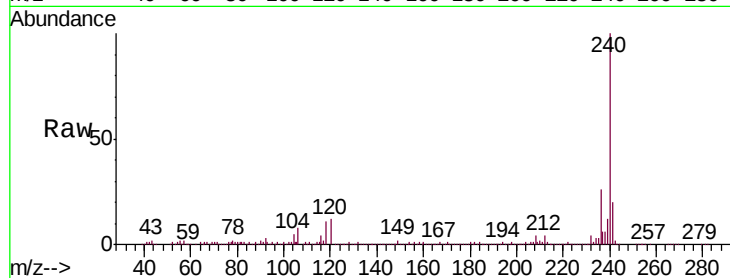
Tgt Ion:240 Resp: 277192

Ion Ratio Lower Upper

240 100

120 12.0 9.5 14.3

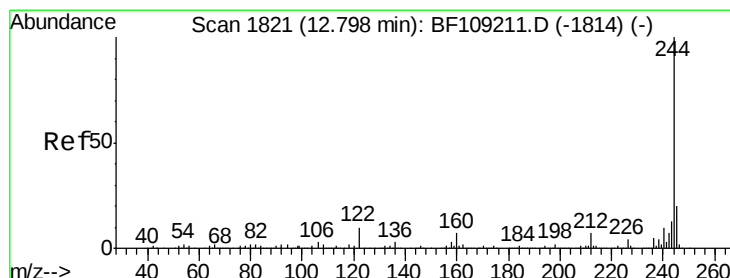
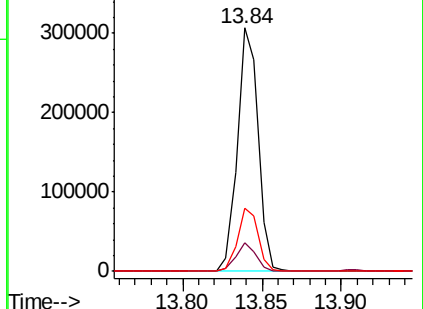
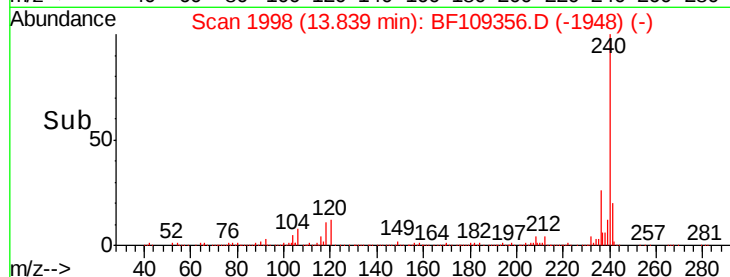
236 25.8 20.7 31.1



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: 70.470 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109356.D

Acq: 26 Sep 2018 23:52

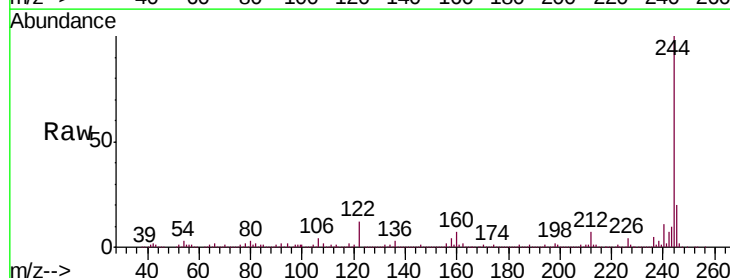
Tgt Ion:244 Resp: 795937

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

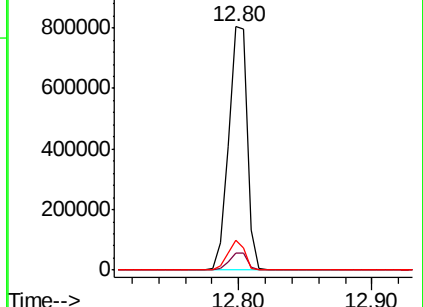
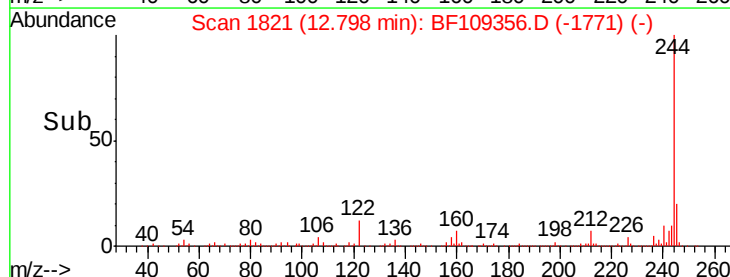
122 12.3 11.0 16.4

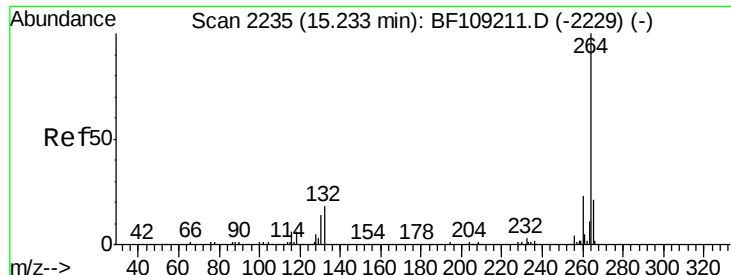


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF109356.D
Acq: 26 Sep 2018 23:52

Instrument :
BNA_F
ClientSampleId :
600-WILSON-AVE-NEWARK

Tgt Ion: 264 Resp: 231976
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 21.4 17.5 26.3

