

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100318\
 Data File : BF109570.D
 Acq On : 4 Oct 2018 2:48
 Operator : JU/SJ
 Sample : J5221-10
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 100118-TIPC-E-U-M

Quant Time: Oct 04 03:35:08 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

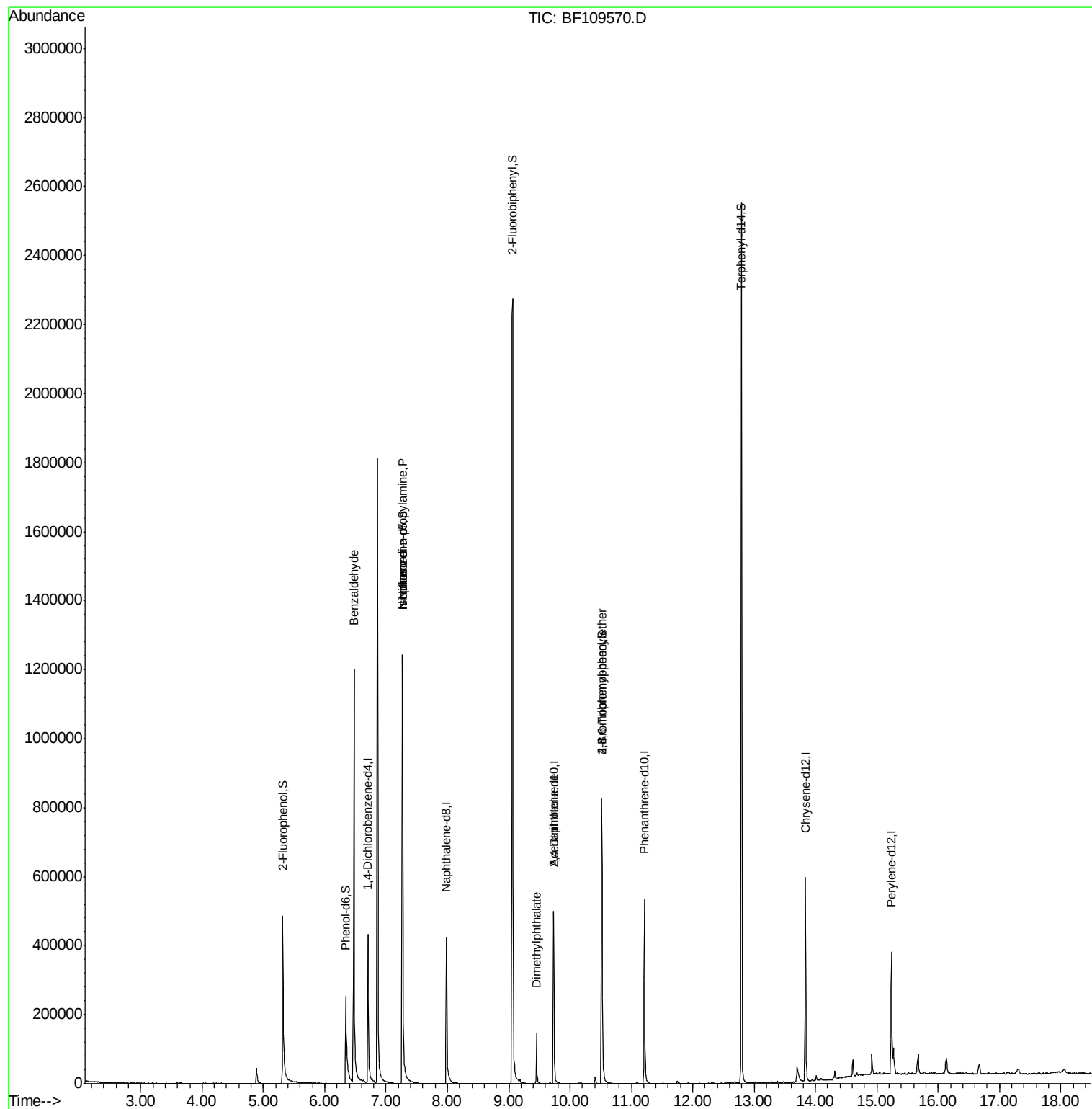
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	81936	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	272073	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	111770	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	225215	20.00	ng	0.00
75) Chrysene-d12	13.84	240	235591	20.00	ng	0.00
86) Perylene-d12	15.24	264	165433	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	196088	39.42	ng	0.00
7) Phenol-d6	6.34	99	150969	23.78	ng	-0.02
23) Nitrobenzene-d5	7.27	82	507507	110.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	120704	109.55	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	844824	114.00	ng	-0.01
78) Terphenyl-d14	12.79	244	951712	99.14	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.47	77	8359	2.050	ng	# 77
19) n-Nitroso-di-n-propylamine	7.27	70	67415	16.208	ng	# 77
25) Isophorone	7.27	82	483806	58.293	ng	# 64
49) Dimethylphthalate	9.45	163	65769	8.090	ng	# 99
56) 2,4-Dinitrotoluene	9.73	165	13836	6.792	ng	# 21
66) 4-Bromophenyl-phenylether	10.52	248	7174	2.869	ng	# 1

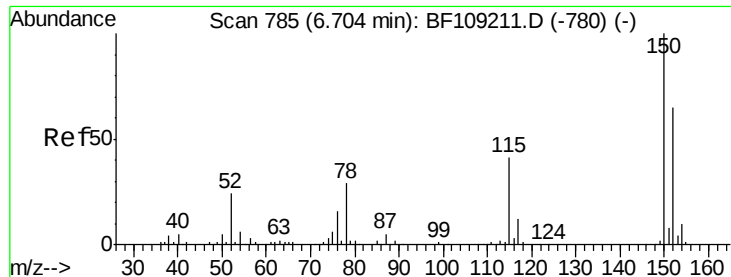
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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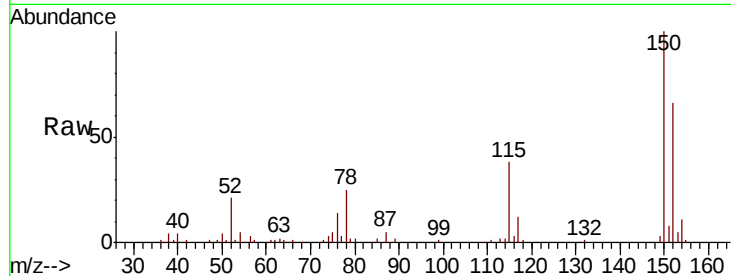




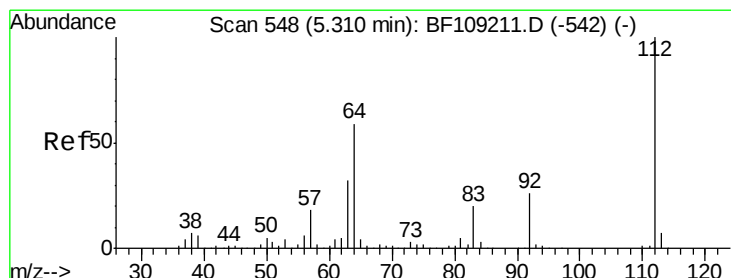
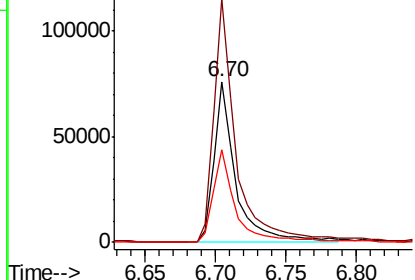
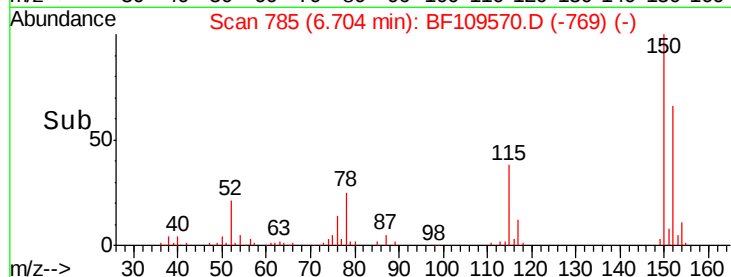
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109570.D
 Acq: 4 Oct 2018 2:48

Instrument :
 BNA_F
 ClientSampleId :
 100118-TIPC-E-U-M

Tgt Ion:152 Resp: 81936
 Ion Ratio Lower Upper
 152 100
 150 151.7 124.6 186.8
 115 57.7 50.1 75.1

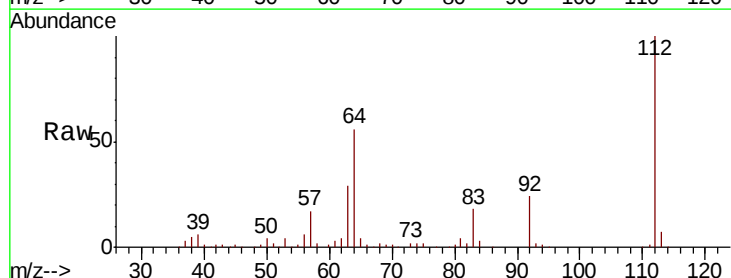


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

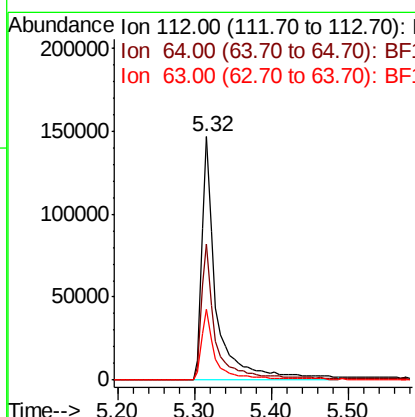
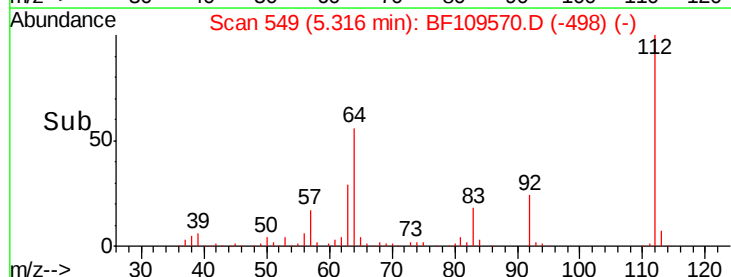


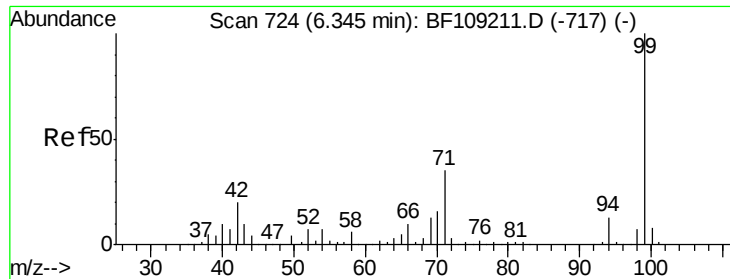
#5
 2-Fluorophenol
 Concen: 39.418 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF109570.D
 Acq: 4 Oct 2018 2:48

Tgt Ion:112 Resp: 196088
 Ion Ratio Lower Upper
 112 100
 64 55.9 47.9 71.9
 63 29.0 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: 23.783 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109570.D

Acq: 4 Oct 2018 2:48

Instrument :

BNA_F

ClientSampleId :

100118-TIPC-E-U-M

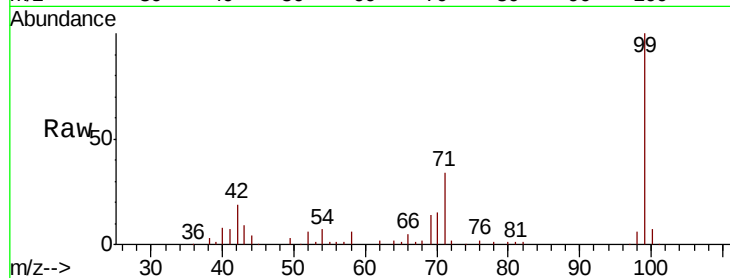
Tgt Ion: 99 Resp: 150969

Ion Ratio Lower Upper

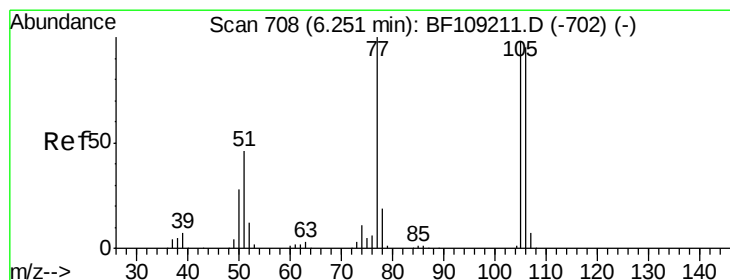
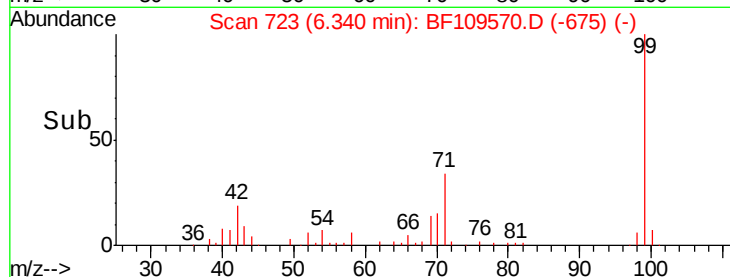
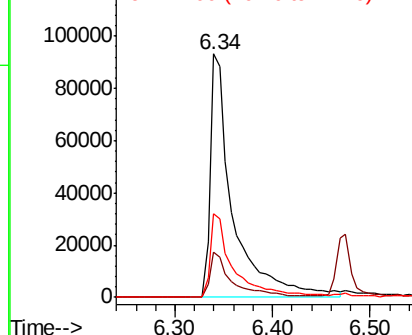
99 100

42 18.5 14.5 21.7

71 34.4 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: 2.050 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF109570.D

Acq: 4 Oct 2018 2:48

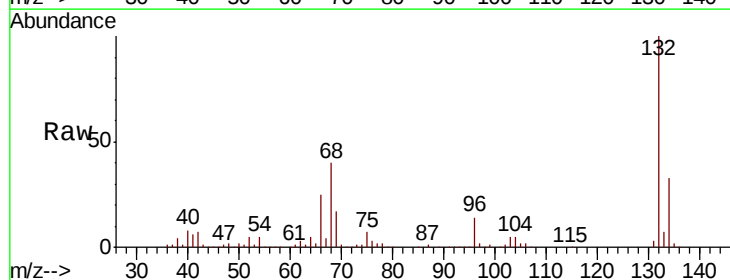
Tgt Ion: 77 Resp: 8359

Ion Ratio Lower Upper

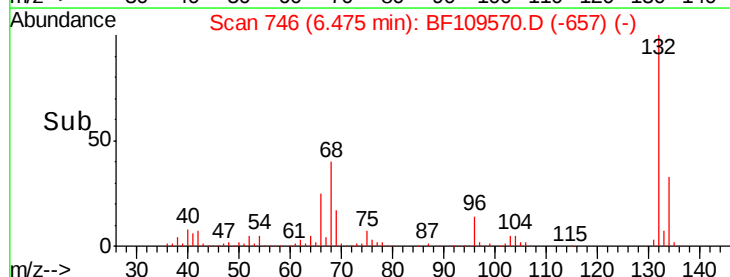
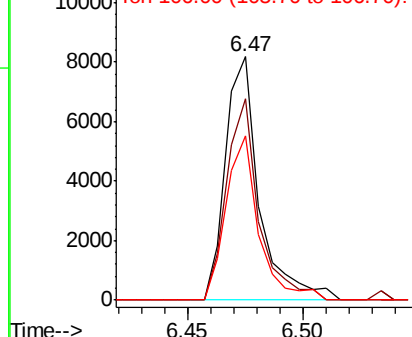
77 100

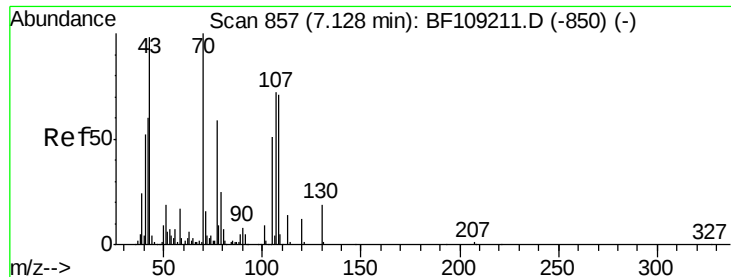
105 82.5 81.1 121.1

106 67.4 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

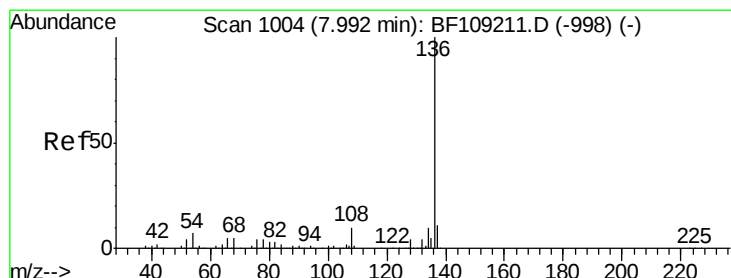
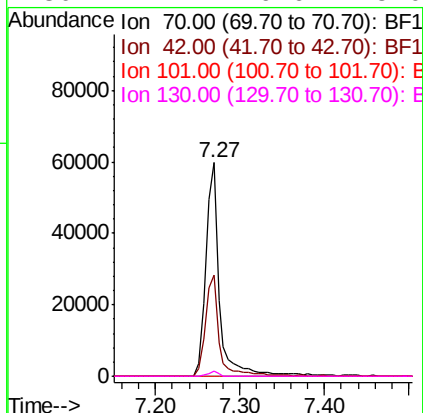
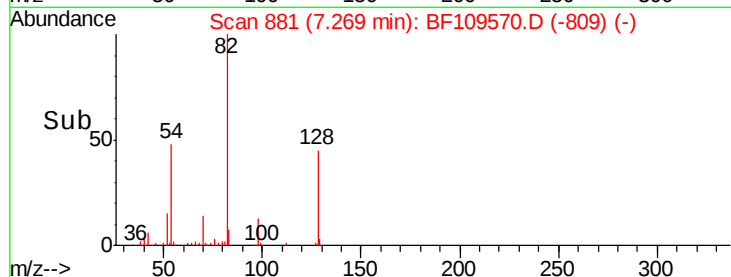
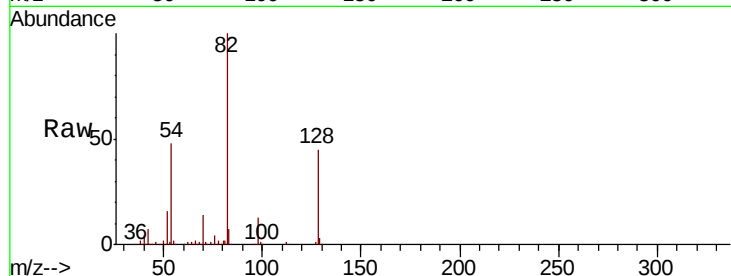




#19
n-Nitroso-di-n-propylamine
Concen: 16.208 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109570.D
Acq: 4 Oct 2018 2:48

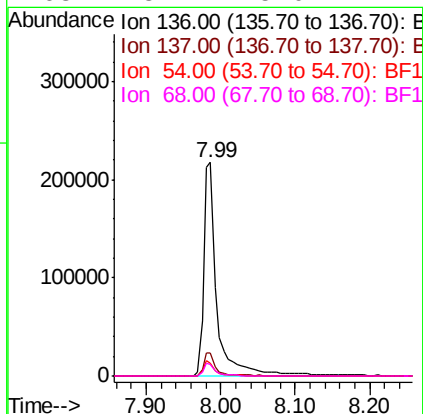
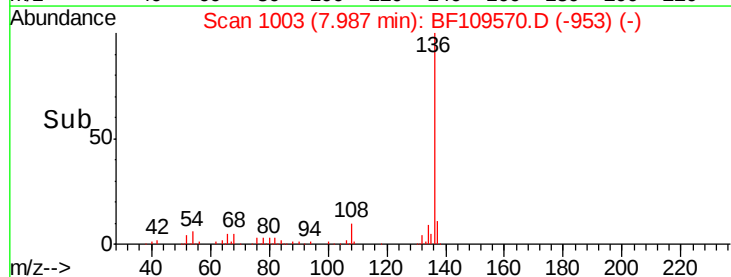
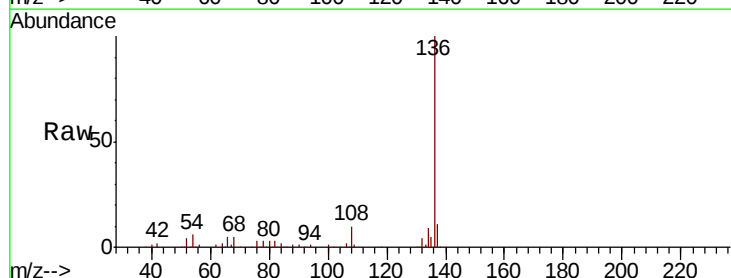
Instrument :
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100118-TIPC-E-U-M

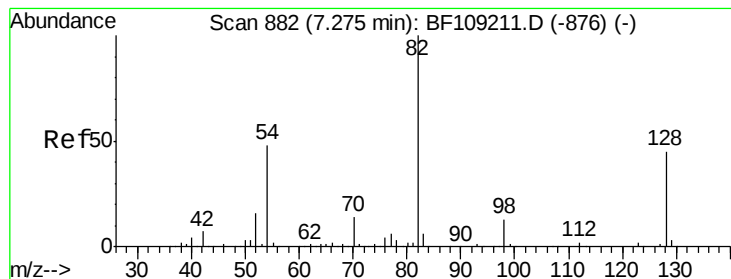
Tgt Ion: 70 Resp: 67415
Ion Ratio Lower Upper
70 100
42 47.3 47.5 71.3#
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109570.D
Acq: 4 Oct 2018 2:48

Tgt Ion: 136 Resp: 272073
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 6.1 6.6 9.8#
68 5.2 5.0 7.4





#23

Nitrobenzene-d5

Concen: 110.113 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF109570.D

Acq: 4 Oct 2018 2:48

Instrument :

BNA_F

ClientSampleId :

100118-TIPC-E-U-M

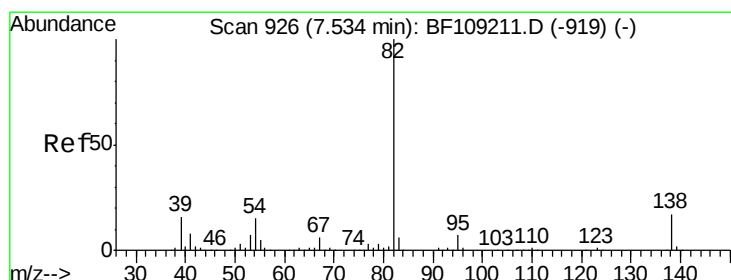
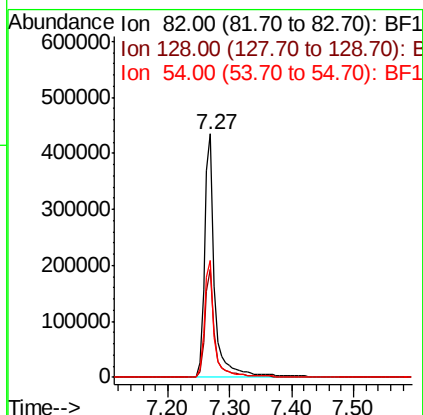
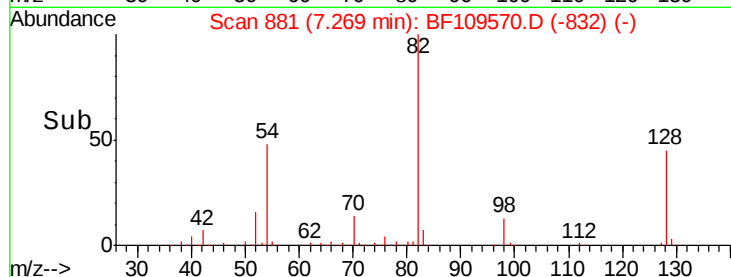
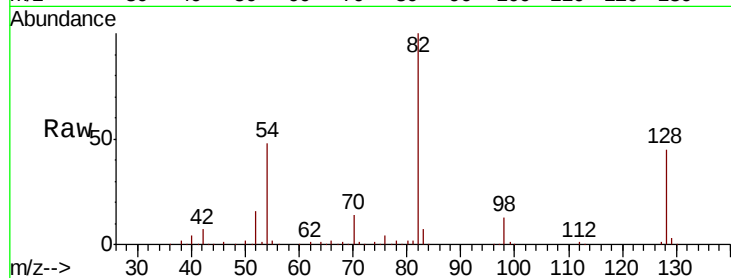
Tgt Ion: 82 Resp: 507507

Ion Ratio Lower Upper

82 100

128 44.6 36.1 54.1

54 47.9 41.4 62.2



#25

Isophorone

Concen: 58.293 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.28 min

Lab File: BF109570.D

Acq: 4 Oct 2018 2:48

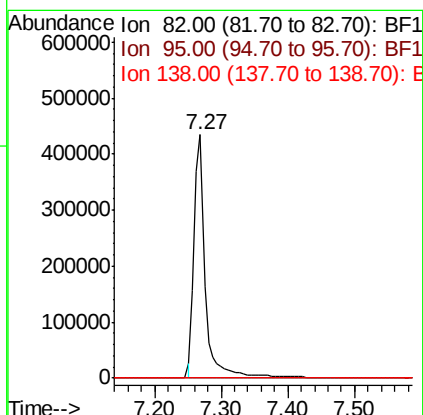
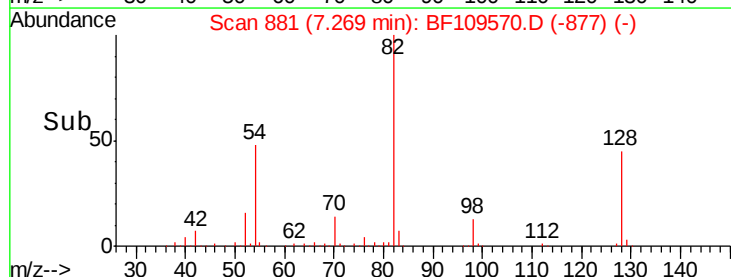
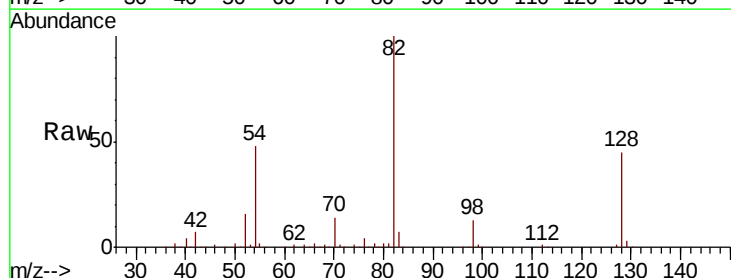
Tgt Ion: 82 Resp: 483806

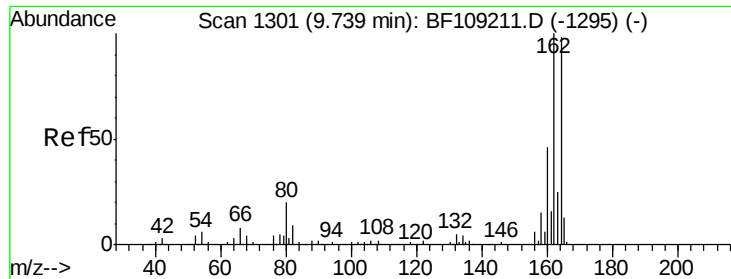
Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#

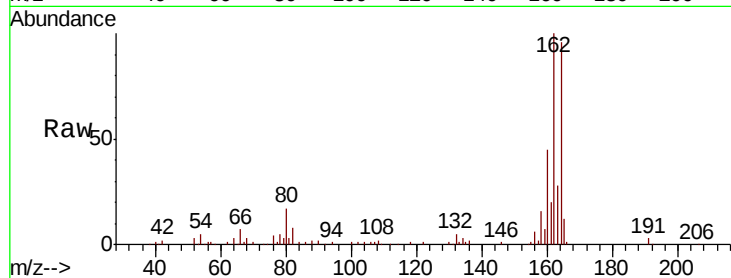




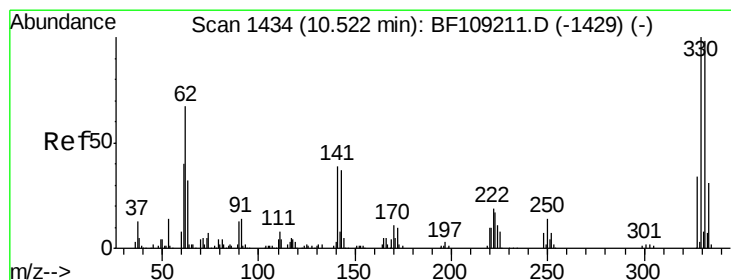
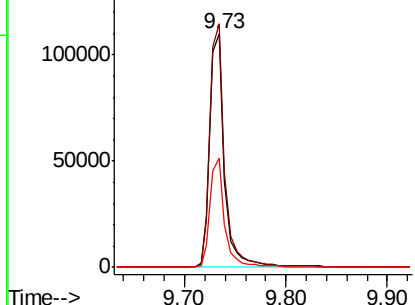
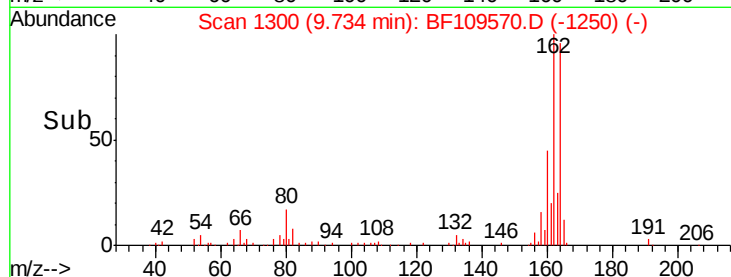
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109570.D
 Acq: 4 Oct 2018 2:48

Instrument :
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 ClientSampleId :
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Tgt Ion:164 Resp: 111770
 Ion Ratio Lower Upper
 164 100
 162 104.1 86.1 129.1
 160 46.8 38.3 57.5

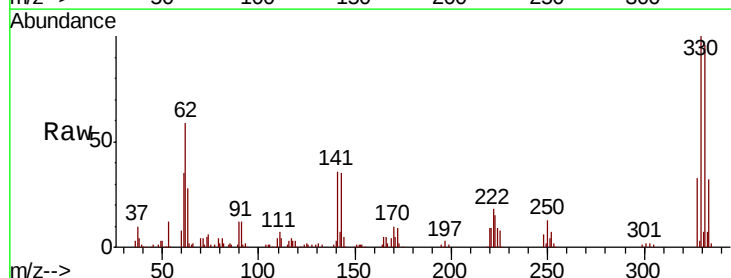


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

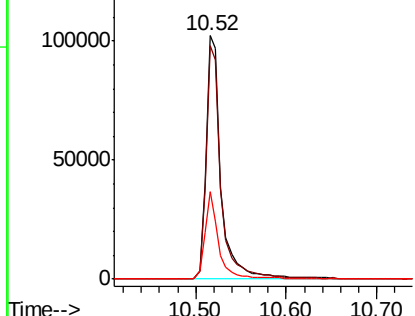
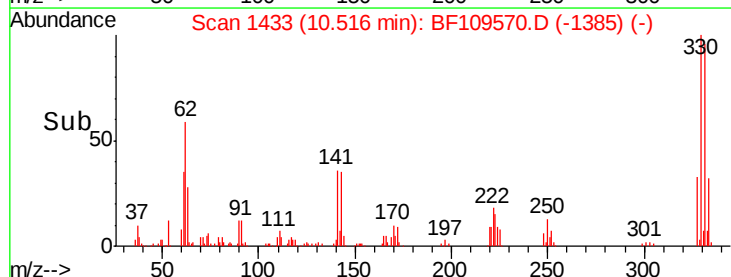


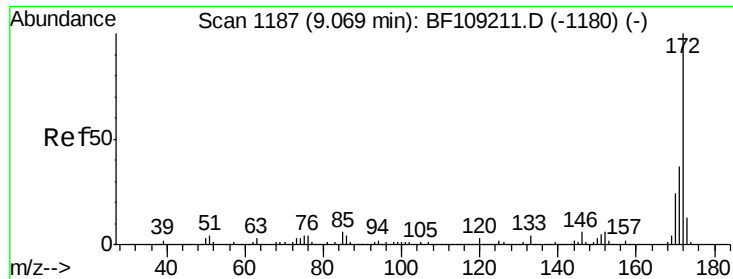
#41
 2,4,6-Tribromophenol
 Concen: 109.550 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF109570.D
 Acq: 4 Oct 2018 2:48

Tgt Ion:330 Resp: 120704
 Ion Ratio Lower Upper
 330 100
 332 95.3 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

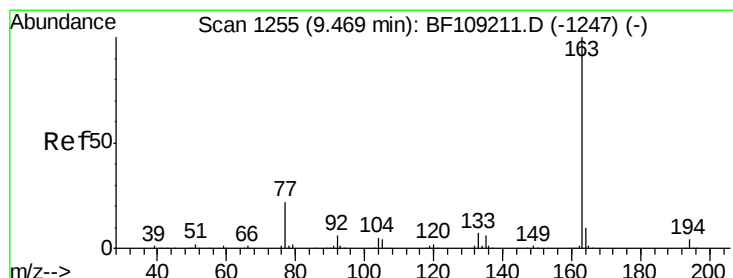
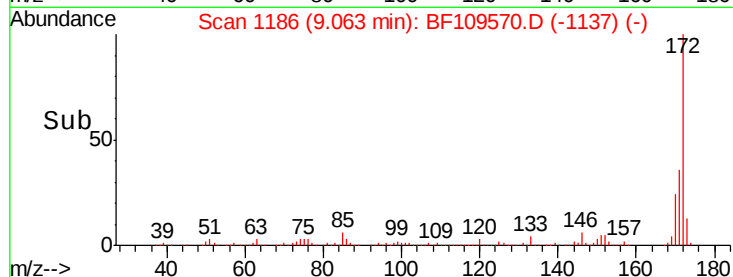
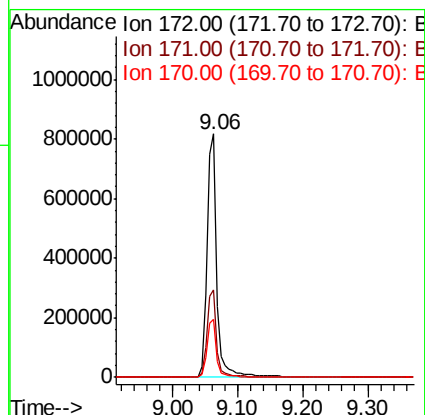
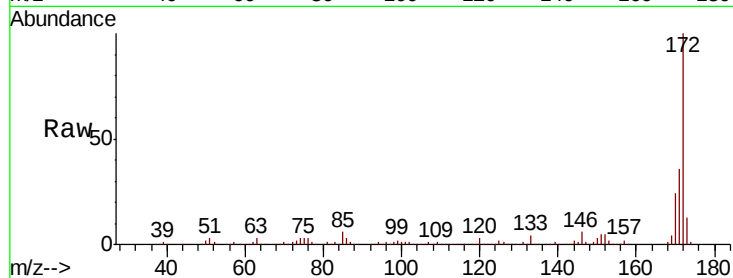




#44
2-Fluorobiphenyl
Concen: 113.998 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109570.D
Acq: 4 Oct 2018 2:48

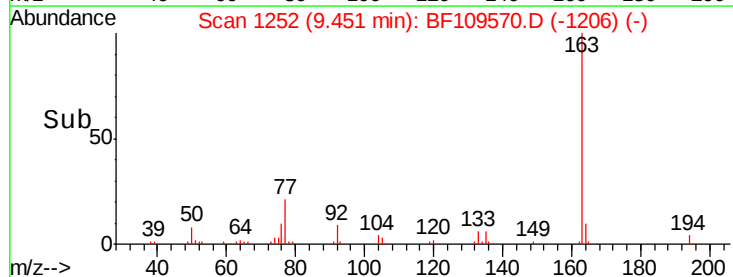
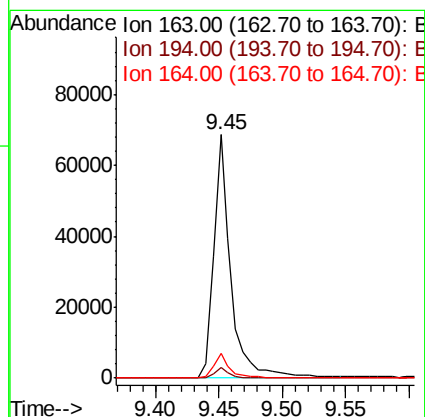
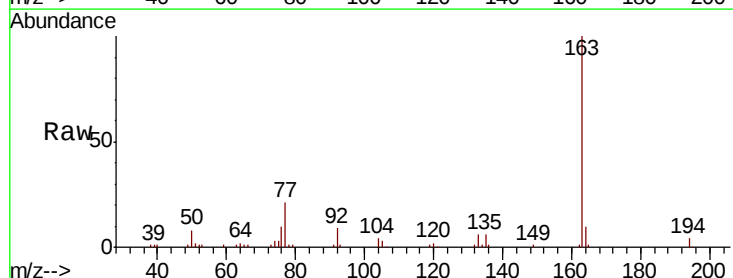
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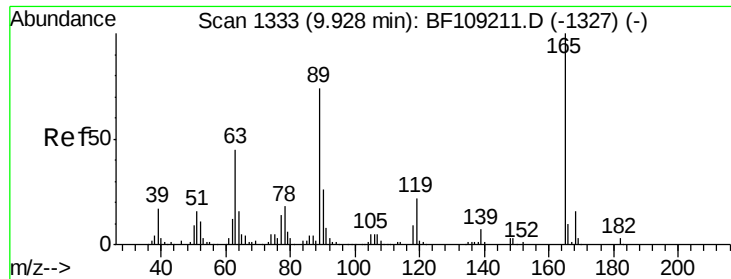
Tgt Ion:172 Resp: 844824
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 23.9 19.6 29.4



#49
Dimethylphthalate
Concen: 8.090 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109570.D
Acq: 4 Oct 2018 2:48

Tgt Ion:163 Resp: 65769
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 10.3 8.2 12.2

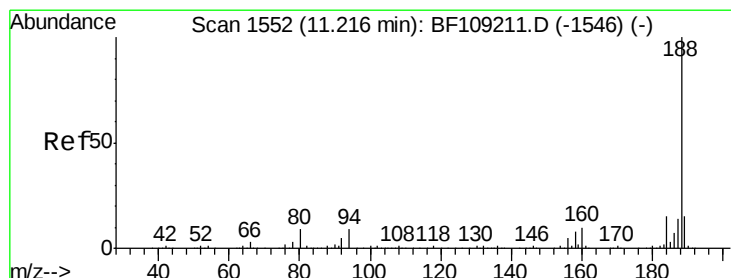
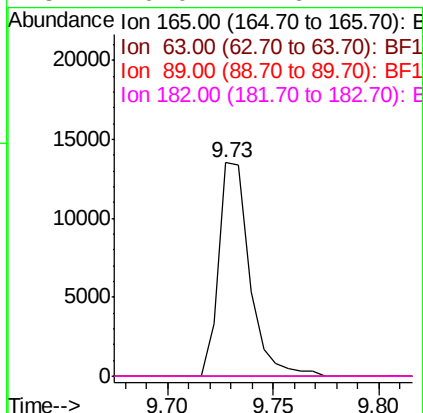
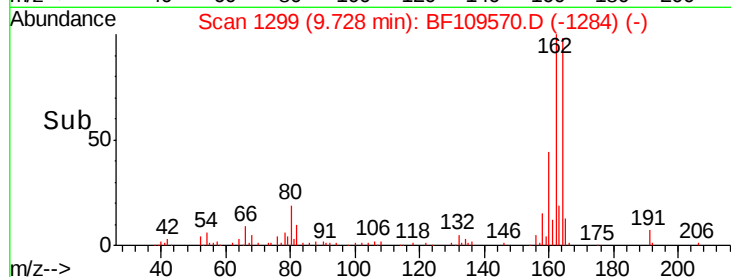
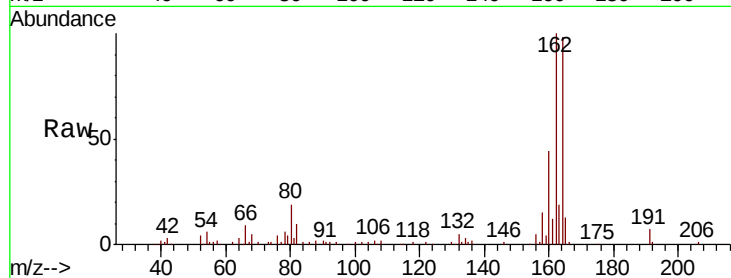




#56
 2,4-Dinitrotoluene
 Concen: 6.792 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.21 min
 Lab File: BF109570.D
 Acq: 4 Oct 2018 2:48

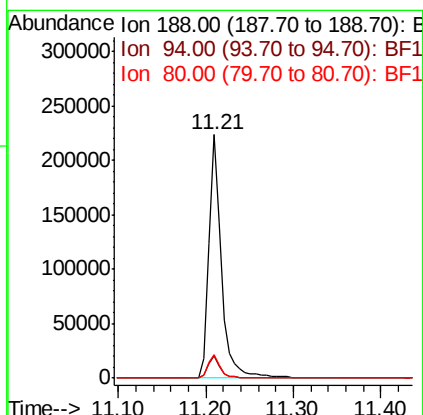
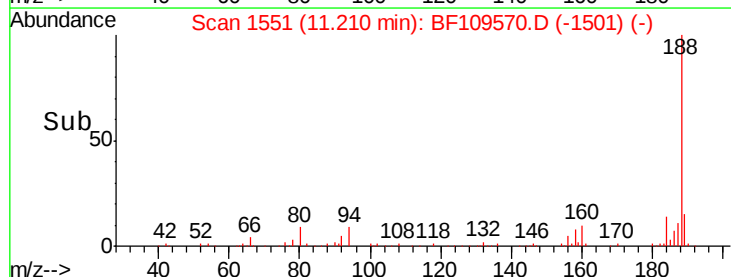
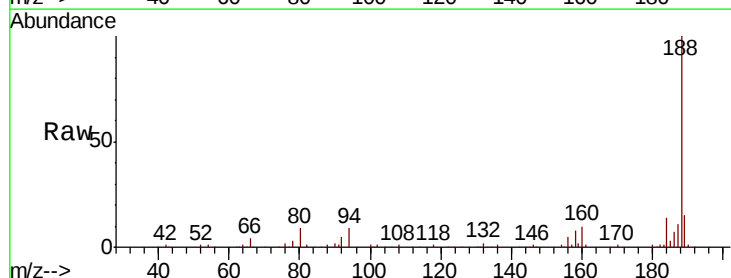
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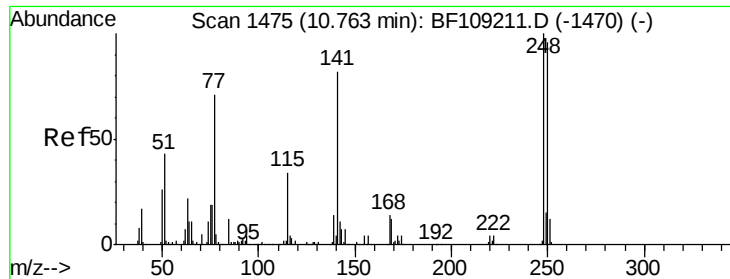
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF109570.D
 Acq: 4 Oct 2018 2:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	9.5	9.2	13.8

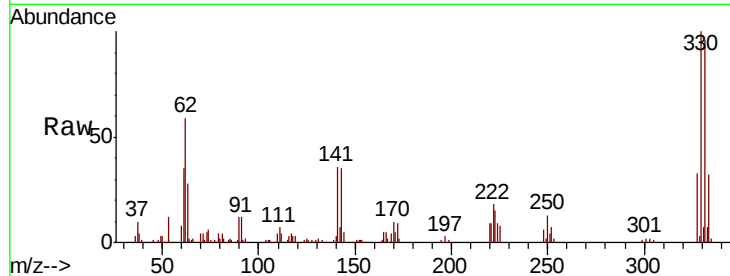




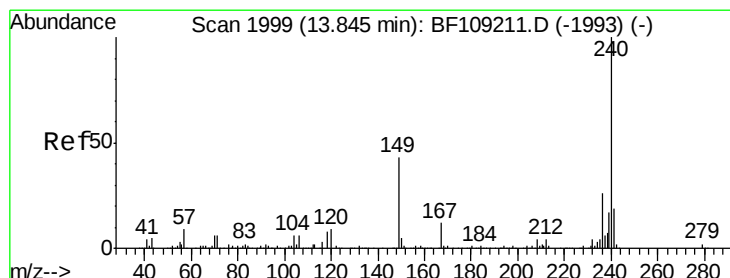
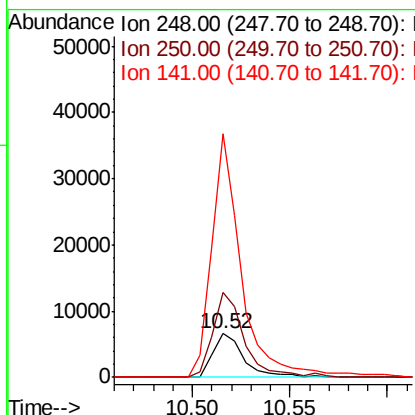
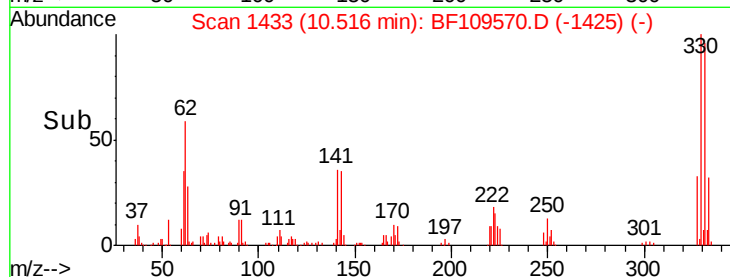
#66
4-Bromophenyl-phenylether
Concen: 2.869 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF109570.D
Acq: 4 Oct 2018 2:48

Instrument :
BNA_F
ClientSampleId :
100118-TIPC-E-U-M

Tgt Ion: 248 Resp: 7174
Ion Ratio Lower Upper
248 100
250 197.0 76.9 115.3#
141 562.0 74.4 111.6#

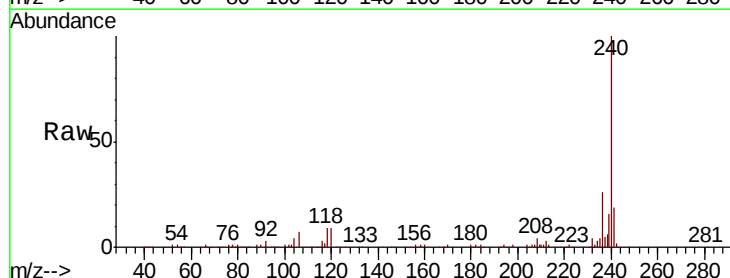


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

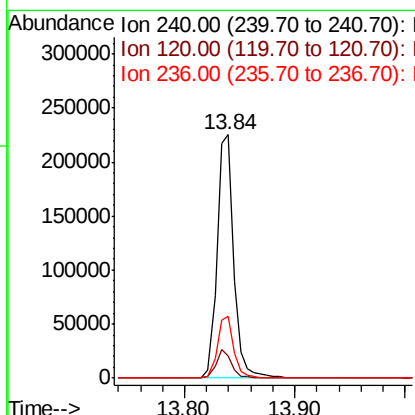
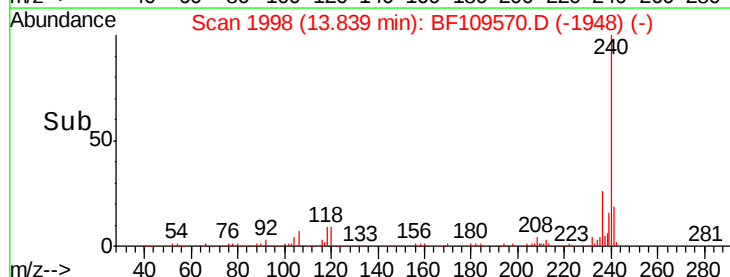


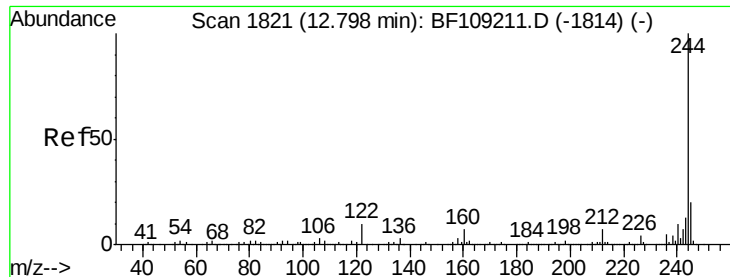
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109570.D
Acq: 4 Oct 2018 2:48

Tgt Ion: 240 Resp: 235591
Ion Ratio Lower Upper
240 100
120 9.3 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: 99.140 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109570.D

Acq: 4 Oct 2018 2:48

Instrument :

BNA_F

ClientSampleId :

100118-TIPC-E-U-M

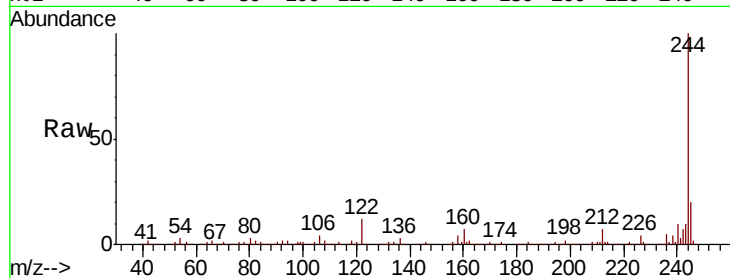
Tgt Ion:244 Resp: 951712

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

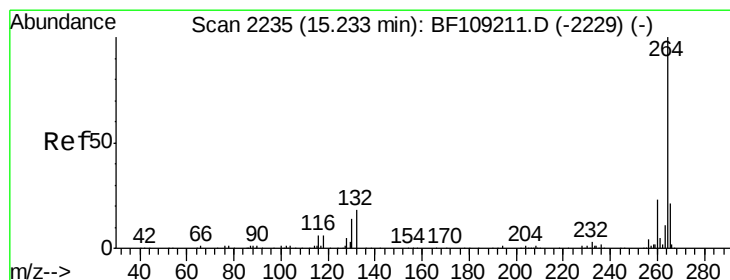
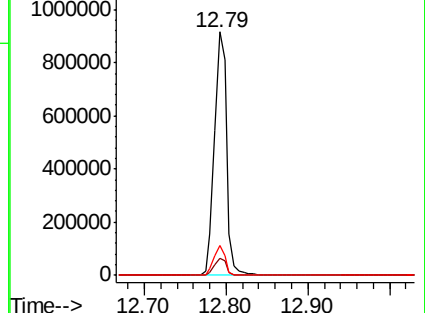
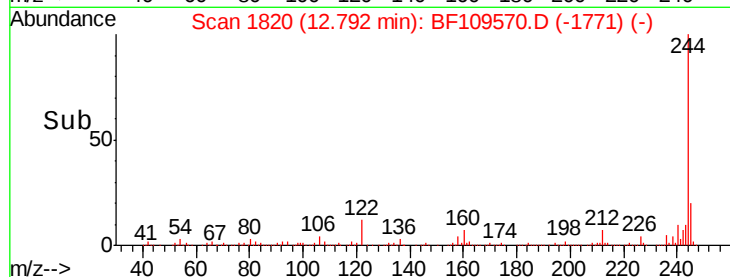
122 12.0 11.0 16.4



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# 2236

Delta R.T. 0.00 min

Lab File: BF109570.D

Acq: 4 Oct 2018 2:48

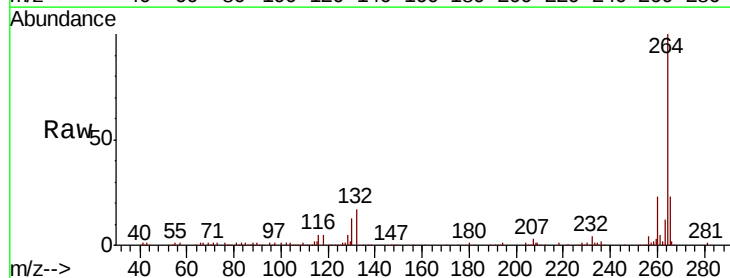
Tgt Ion:264 Resp: 165433

Ion Ratio Lower Upper

264 100

260 22.7 19.2 28.8

265 22.9 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

