

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092718\
 Data File : BF109417.D
 Acq On : 28 Sep 2018 6:10
 Operator : JU/SJ
 Sample : J5076-10
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092418-TIPC-F-U-S

Quant Time: Sep 28 07:10:06 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

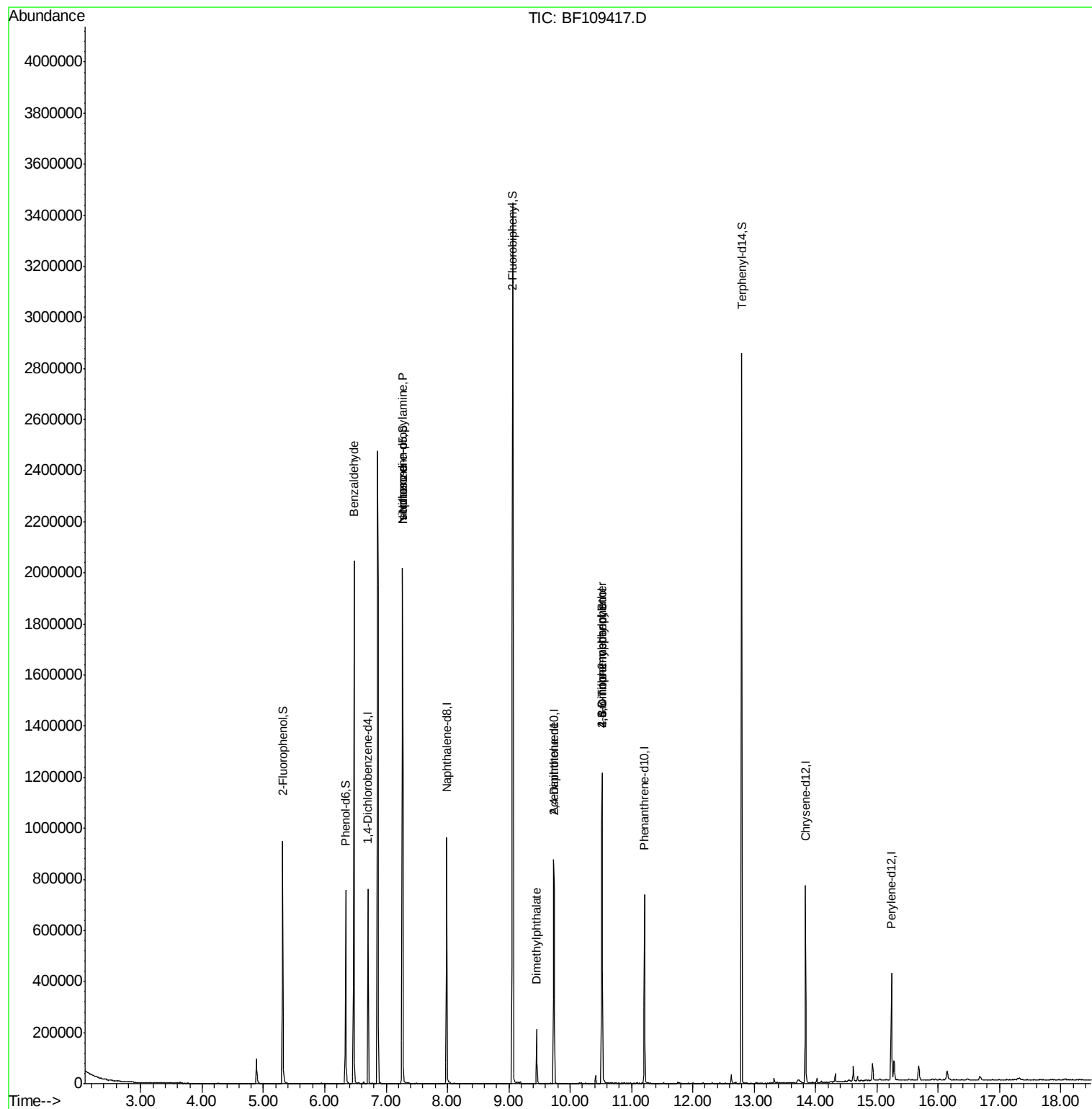
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	106210	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	394926	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	173388	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	283170	20.00	ng	0.00
75) Chrysene-d12	13.84	240	253407	20.00	ng	0.00
86) Perylene-d12	15.24	264	195281	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	277215	42.99	ng	0.00
7) Phenol-d6	6.34	99	224197	27.25	ng	-0.02
23) Nitrobenzene-d5	7.27	82	684879	102.37	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	146767	85.87	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1143461	99.46	ng	-0.01
78) Terphenyl-d14	12.80	244	987237	95.61	ng	0.00
Target Compounds						
9) Benzaldehyde	6.47	77	11400	2.157	ng	# 72
19) n-Nitroso-di-n-propylamine	7.27	70	92549	17.165	ng	# 78
25) Isophorone	7.27	82	657578	54.584	ng	# 64
49) Dimethylphthalate	9.46	163	91134	7.226	ng	# 99
56) 2,4-Dinitrotoluene	9.73	165	21668	6.856	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	279	6.732	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	9081	2.888	ng	# 1

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

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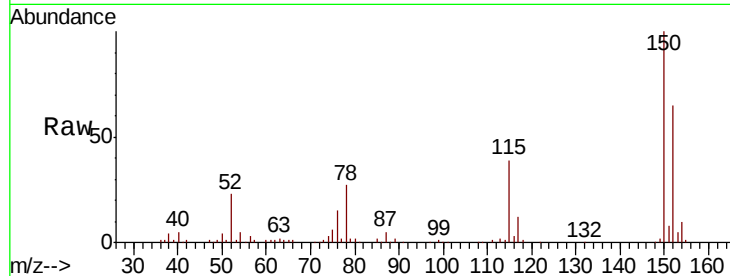


#1

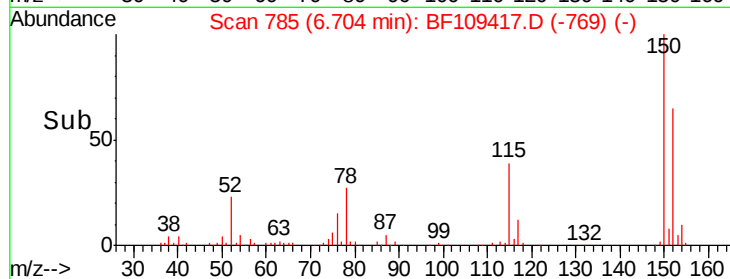
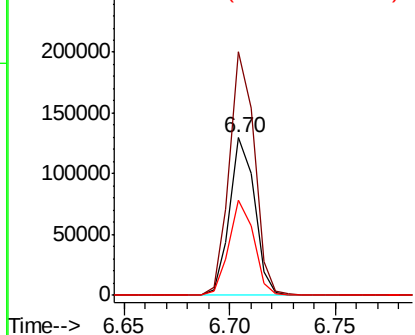
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109417.D
Acq: 28 Sep 2018 6:10

Instrument :
BNA_F
ClientSampleId :
092418-TIPC-F-U-S

Tgt Ion:152 Resp: 106210
Ion Ratio Lower Upper
152 100
150 154.5 124.6 186.8
115 60.3 50.1 75.1



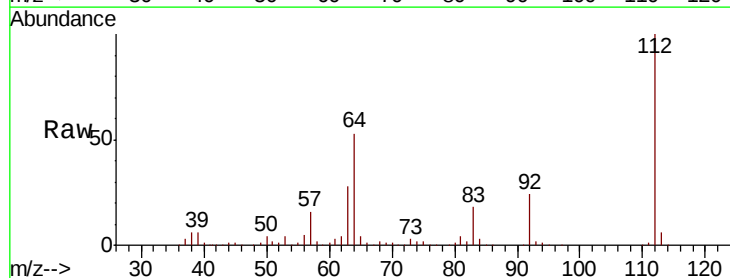
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



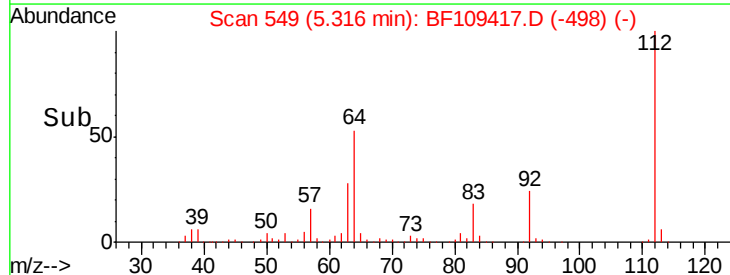
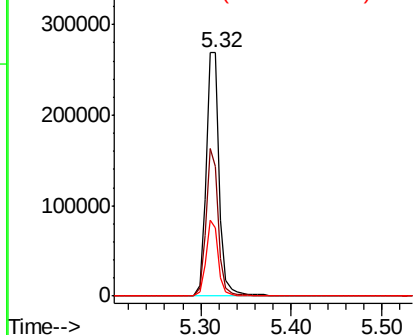
#5

2-Fluorophenol
Concen: 42.990 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109417.D
Acq: 28 Sep 2018 6:10

Tgt Ion:112 Resp: 277215
Ion Ratio Lower Upper
112 100
64 53.4 47.9 71.9
63 28.1 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: 27.247 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109417.D

Acq: 28 Sep 2018 6:10

Instrument :

BNA_F

ClientSampleId :

092418-TIPC-F-U-S

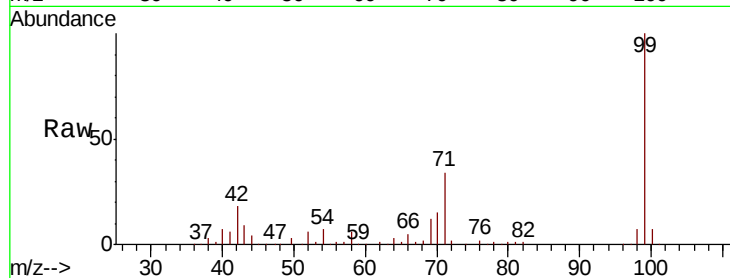
Tgt Ion: 99 Resp: 224197

Ion Ratio Lower Upper

99 100

42 17.7 14.5 21.7

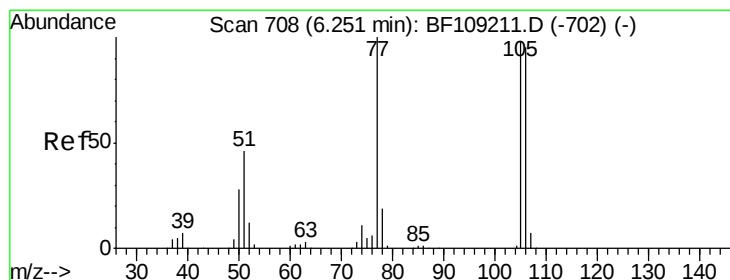
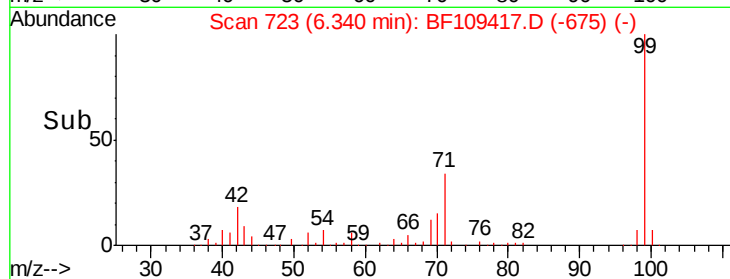
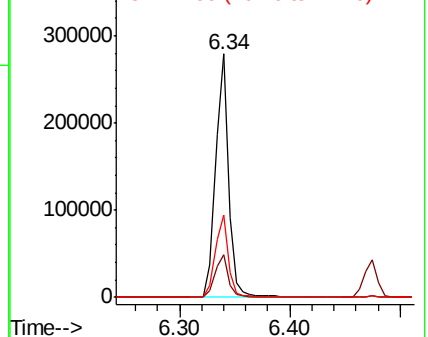
71 33.7 25.4 38.0



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: 2.157 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF109417.D

Acq: 28 Sep 2018 6:10

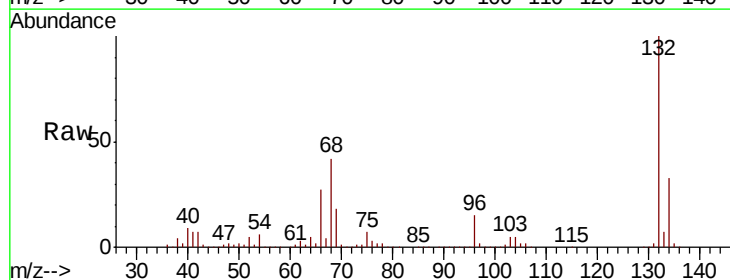
Tgt Ion: 77 Resp: 11400

Ion Ratio Lower Upper

77 100

105 75.3 81.1 121.1#

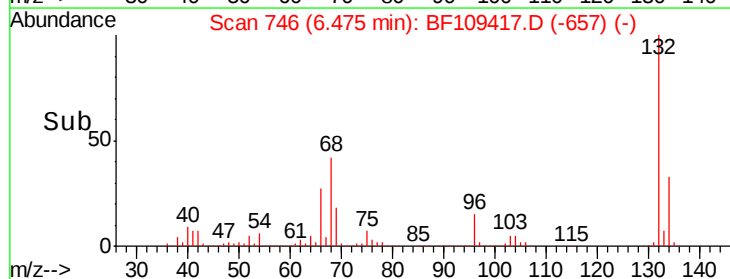
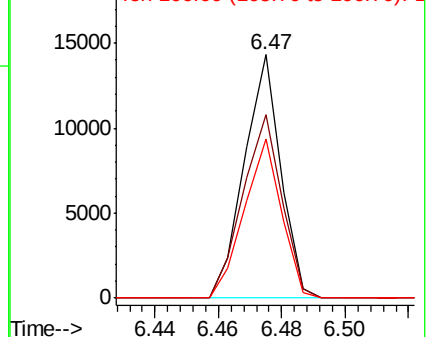
106 65.4 74.5 114.5#



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

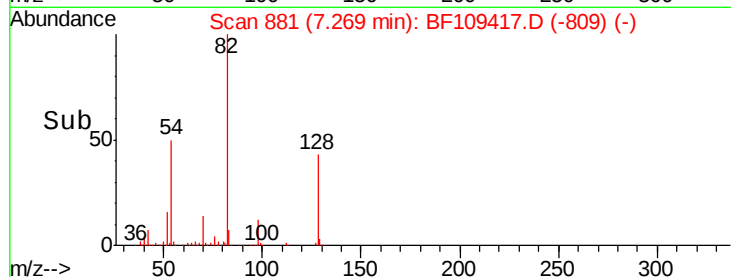
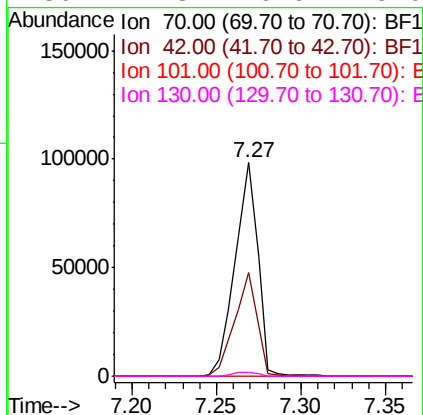
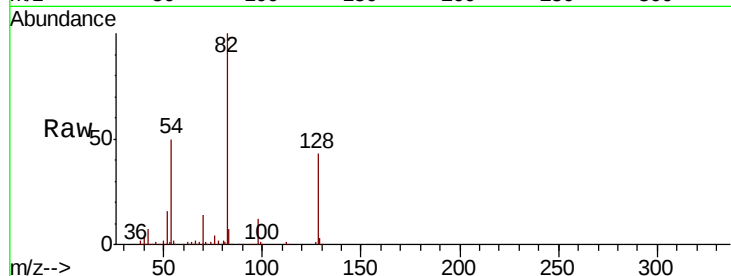




#19
n-Nitroso-di-n-propylamine
Concen: 17.165 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109417.D
Acq: 28 Sep 2018 6:10

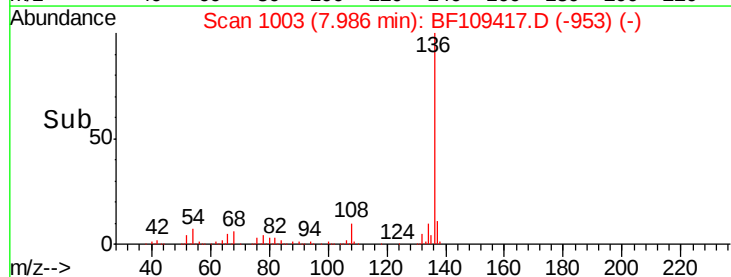
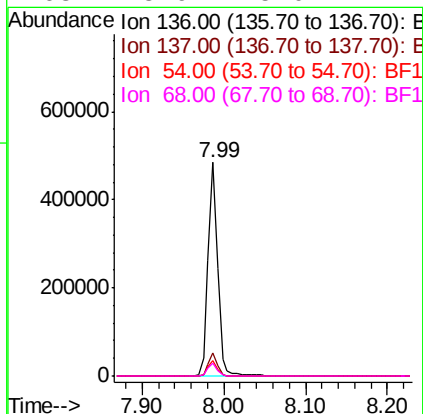
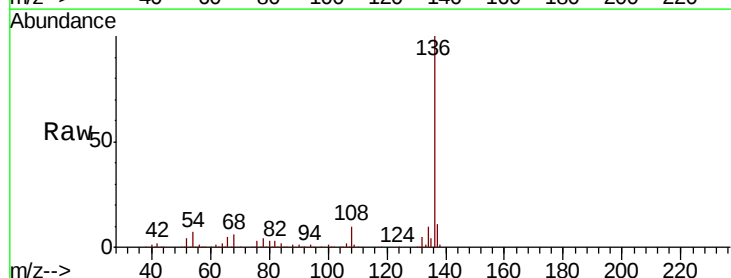
Instrument :
BNA_F
ClientSampleId :
092418-TIPC-F-U-S

Tgt Ion:	70	Resp:	92549
Ion	Ratio	Lower	Upper
70	100		
42	48.3	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: BF109417.D
Acq: 28 Sep 2018 6:10

Tgt Ion:	136	Resp:	394926
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.2	6.6	9.8
68	5.9	5.0	7.4

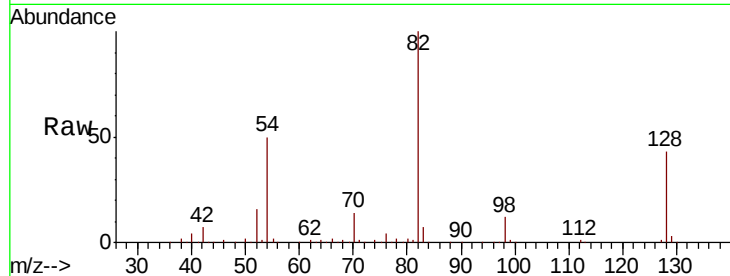




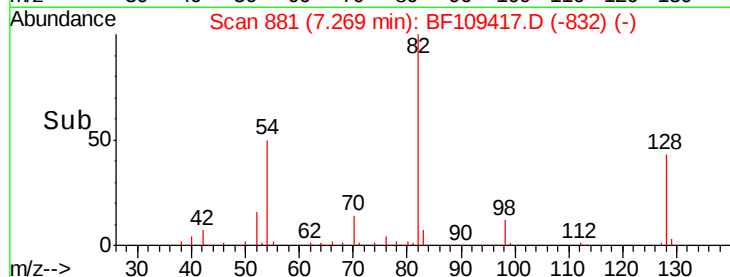
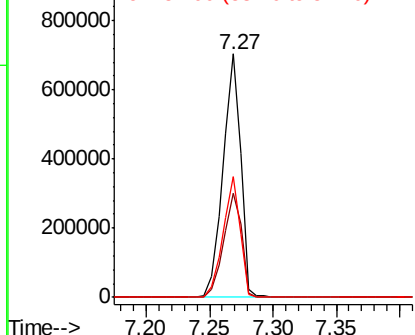
#23
 Nitrobenzene-d5
 Concen: 102.372 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109417.D
 Acq: 28 Sep 2018 6:10

Instrument :
 BNA_F
 ClientSampleId :
 092418-TIPC-F-U-S

Tgt Ion: 82 Resp: 684879
 Ion Ratio Lower Upper
 82 100
 128 42.9 36.1 54.1
 54 49.6 41.4 62.2

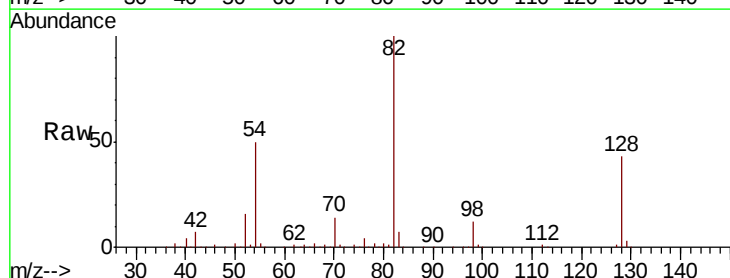


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

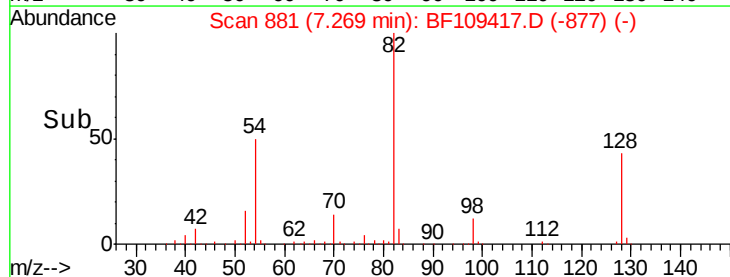
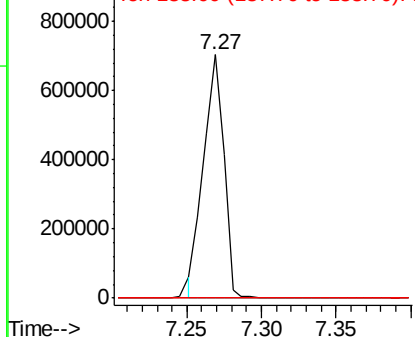


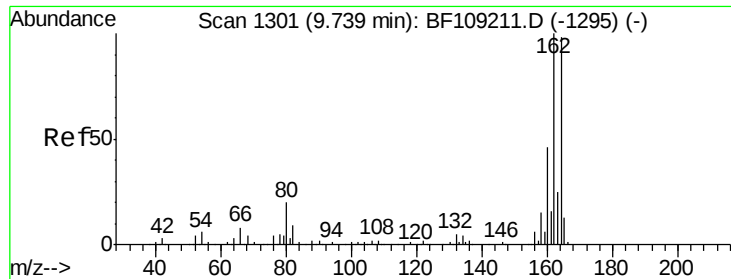
#25
 Isophorone
 Concen: 54.584 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.28 min
 Lab File: BF109417.D
 Acq: 28 Sep 2018 6:10

Tgt Ion: 82 Resp: 657578
 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

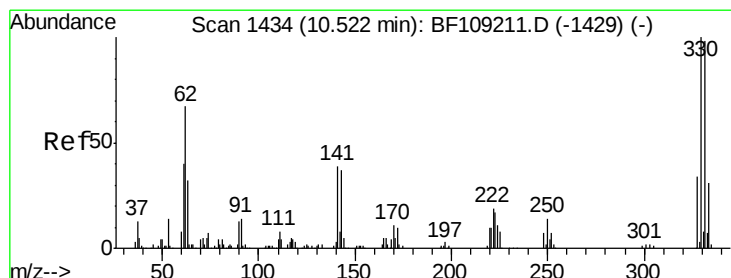
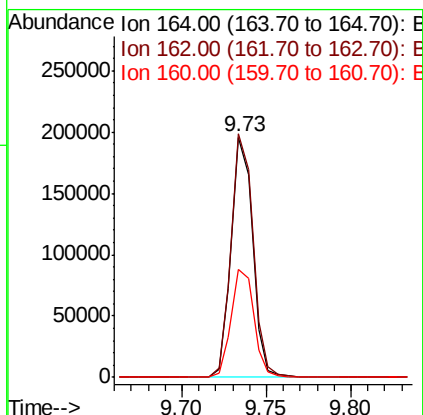
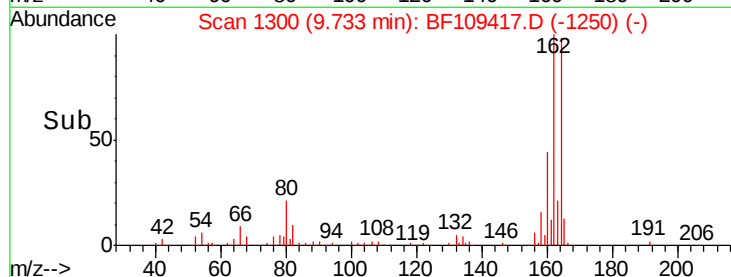
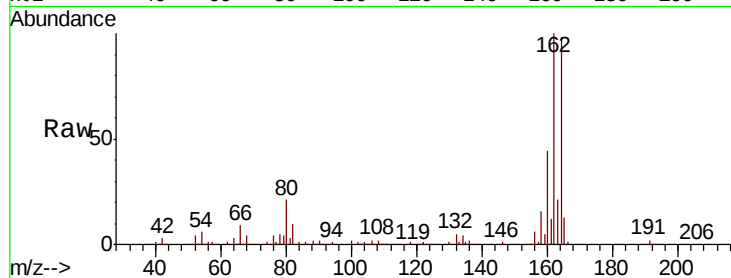




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109417.D
 Acq: 28 Sep 2018 6:10

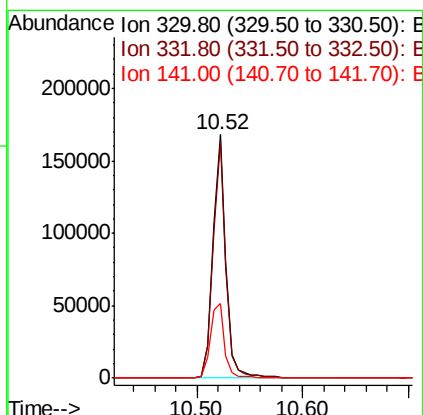
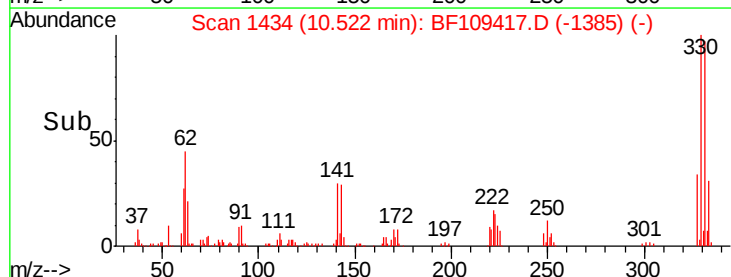
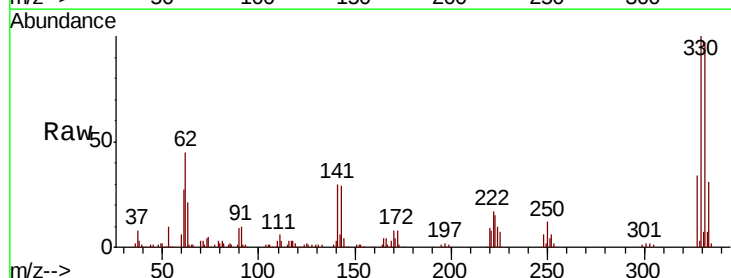
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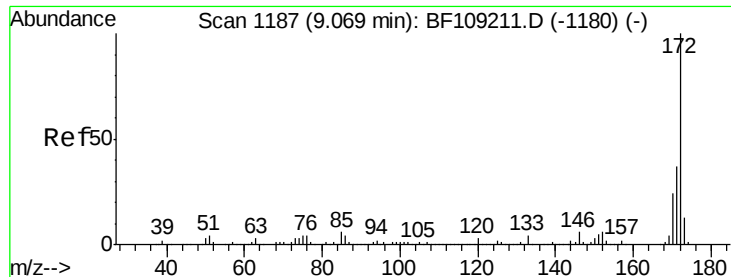
Tgt Ion:164 Resp: 173388
 Ion Ratio Lower Upper
 164 100
 162 101.5 86.1 129.1
 160 44.9 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 85.867 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109417.D
 Acq: 28 Sep 2018 6:10

Tgt Ion:330 Resp: 146767
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 33.0 29.9 44.9

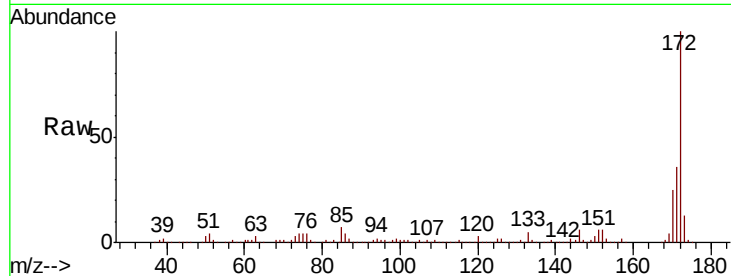




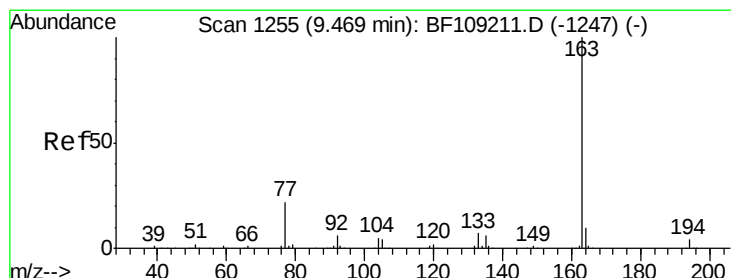
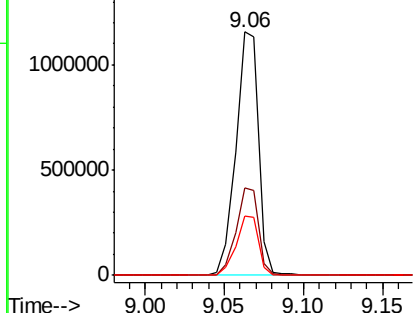
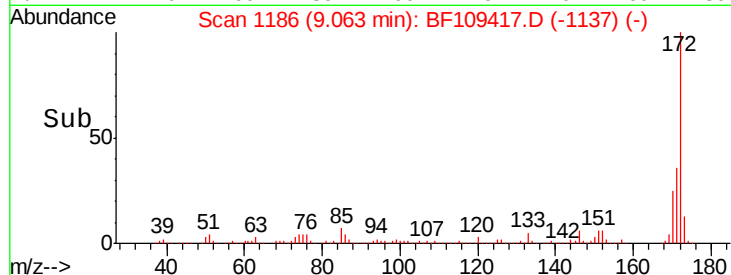
#44
 2-Fluorobiphenyl
 Concen: 99.462 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109417.D
 Acq: 28 Sep 2018 6:10

Instrument :
 BNA_F
 ClientSampleId :
 092418-TIPC-F-U-S

Tgt Ion:172 Resp: 1143461
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 24.5 19.6 29.4

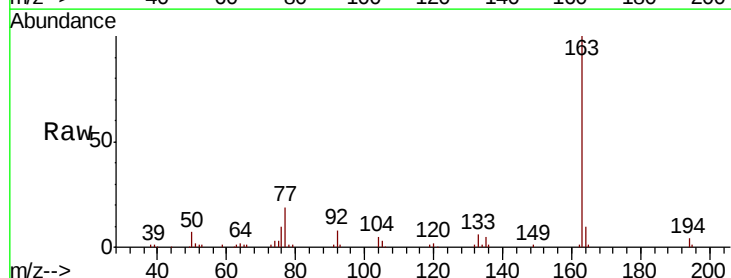


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

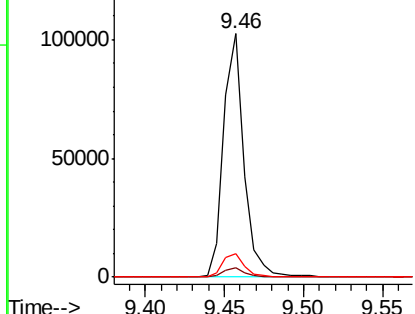
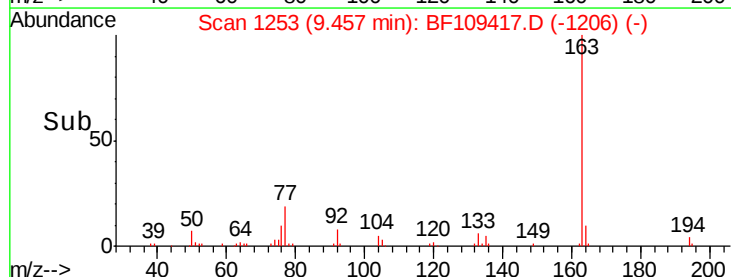


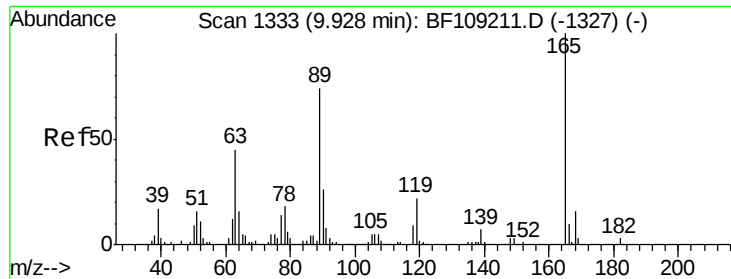
#49
 Dimethylphthalate
 Concen: 7.226 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF109417.D
 Acq: 28 Sep 2018 6:10

Tgt Ion:163 Resp: 91134
 Ion Ratio Lower Upper
 163 100
 194 3.8 2.7 4.1
 164 9.8 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

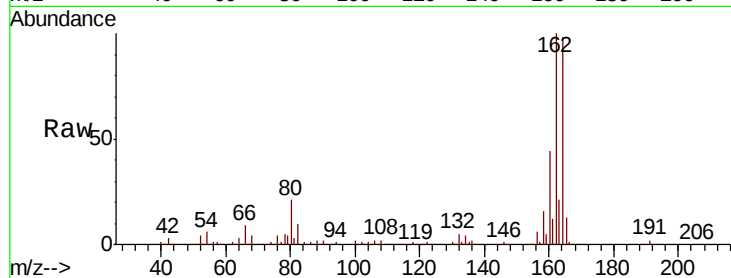




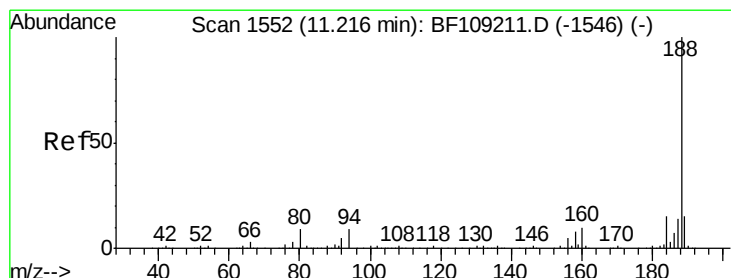
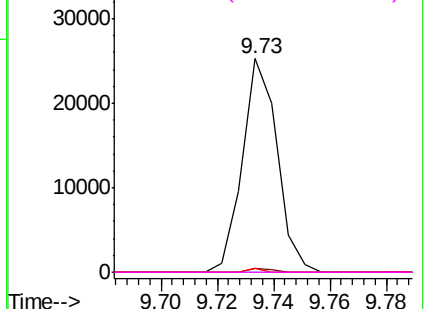
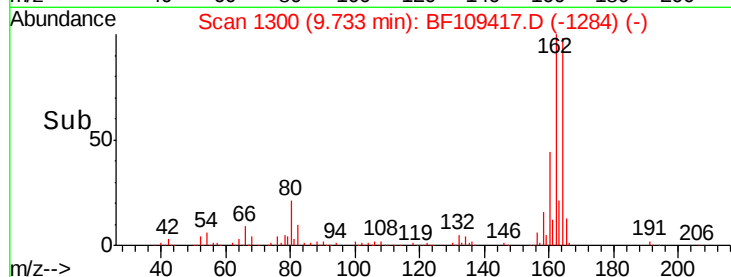
#56
 2,4-Dinitrotoluene
 Concen: 6.856 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF109417.D
 Acq: 28 Sep 2018 6:10

Instrument :
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 ClientSampleId :
 092418-TIPC-F-U-S

Tgt Ion:	165	Resp:	21668
Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

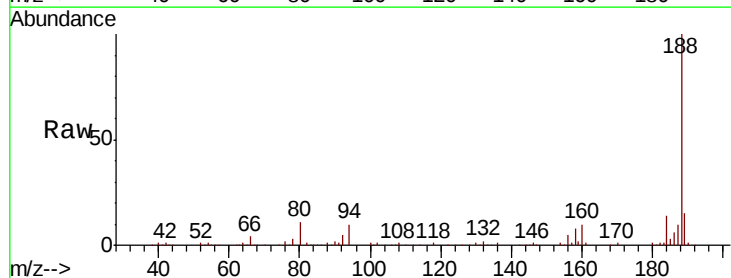


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

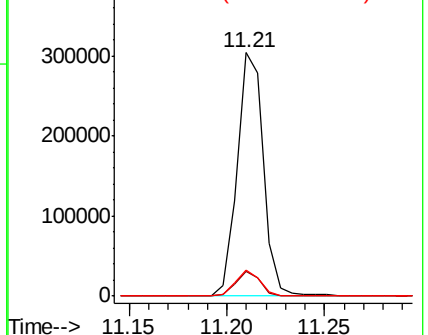
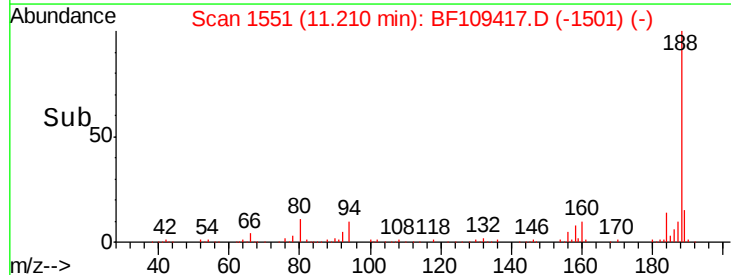


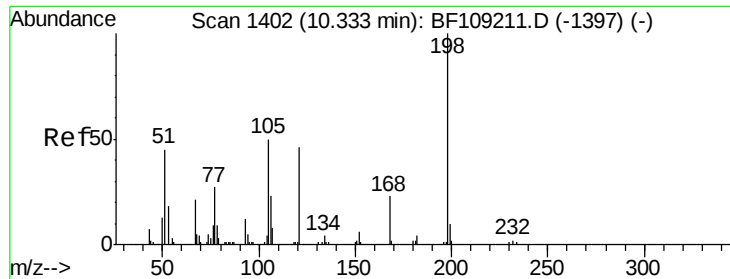
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF109417.D
 Acq: 28 Sep 2018 6:10

Tgt Ion:	188	Resp:	283170
Ion	Ratio	Lower	Upper
188	100		
94	10.2	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

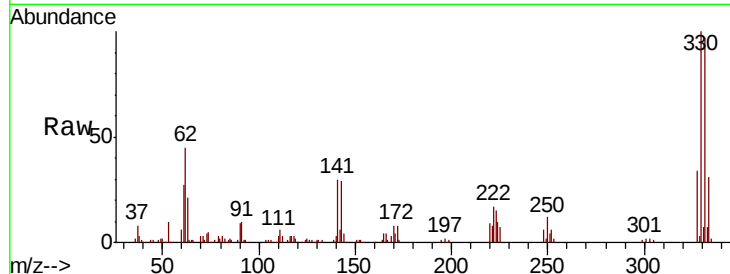




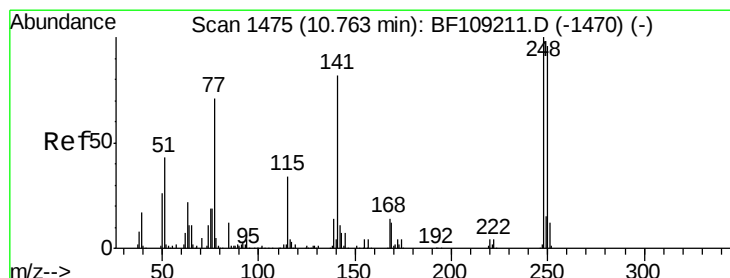
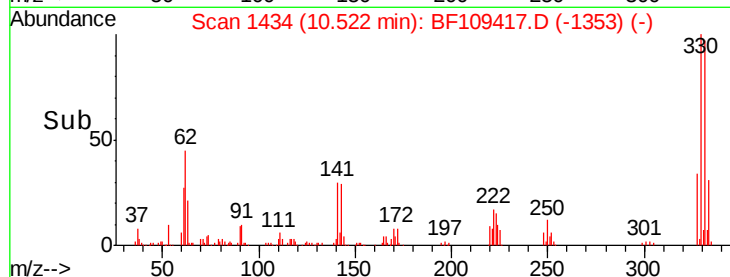
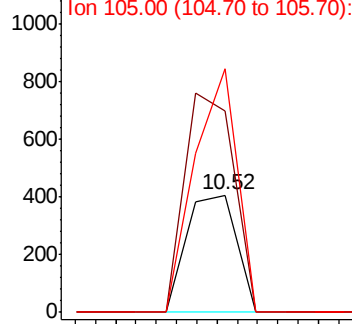
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.732 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.18 min
 Lab File: BF109417.D
 Acq: 28 Sep 2018 6:10

Instrument :
 BNA_F
 ClientSampleId :
 092418-TIPC-F-U-S

Tgt Ion:198 Resp: 279
 Ion Ratio Lower Upper
 198 100
 51 171.1 37.7 77.7#
 105 207.1 36.3 76.3#

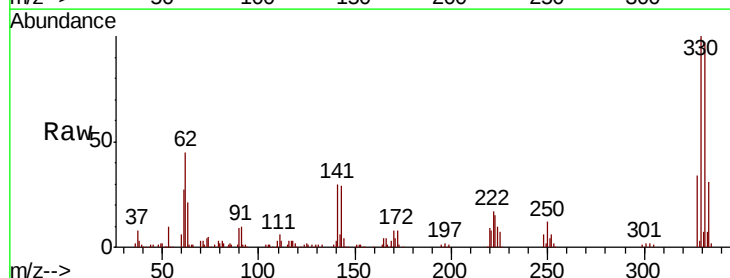


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

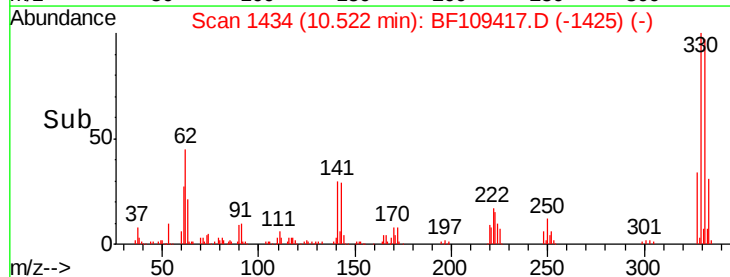
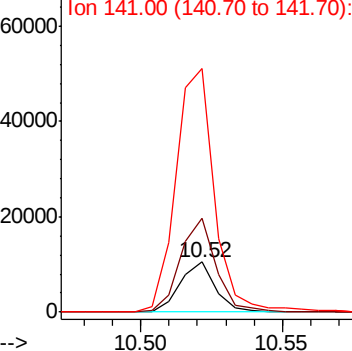


#66
 4-Bromophenyl-phenylether
 Concen: 2.888 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.25 min
 Lab File: BF109417.D
 Acq: 28 Sep 2018 6:10

Tgt Ion:248 Resp: 9081
 Ion Ratio Lower Upper
 248 100
 250 187.1 76.9 115.3#
 141 486.1 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: BF109417.D

Acq: 28 Sep 2018 6:10

Instrument :

BNA_F

ClientSampleId :

092418-TIPC-F-U-S

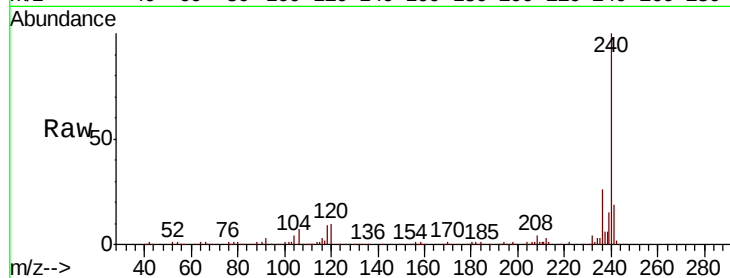
Tgt Ion:240 Resp: 253407

Ion Ratio Lower Upper

240 100

120 10.2 9.5 14.3

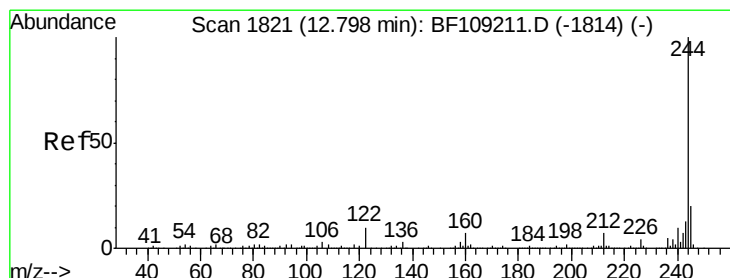
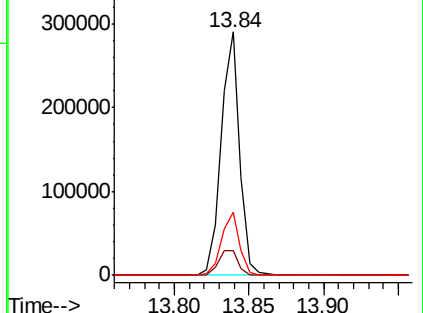
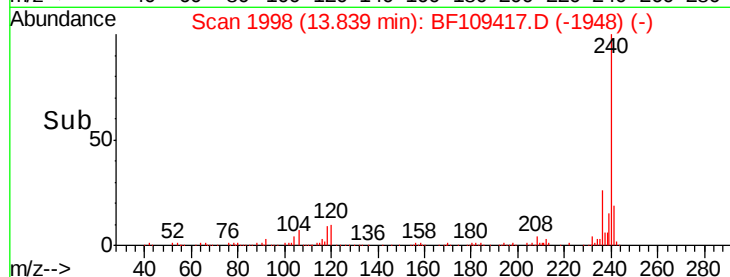
236 26.0 20.7 31.1



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: 95.611 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109417.D

Acq: 28 Sep 2018 6:10

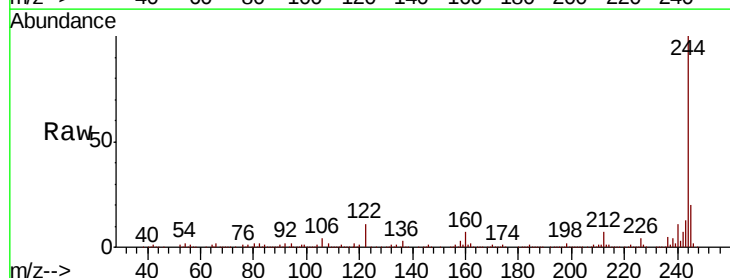
Tgt Ion:244 Resp: 987237

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

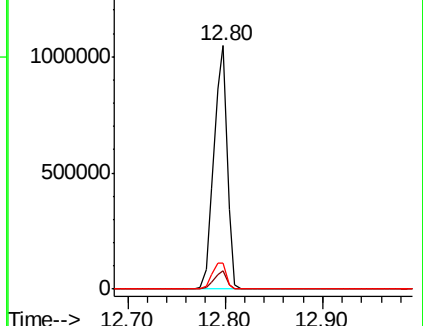
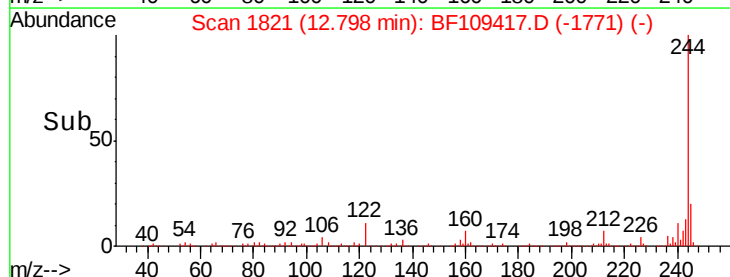
122 10.8 11.0 16.4#

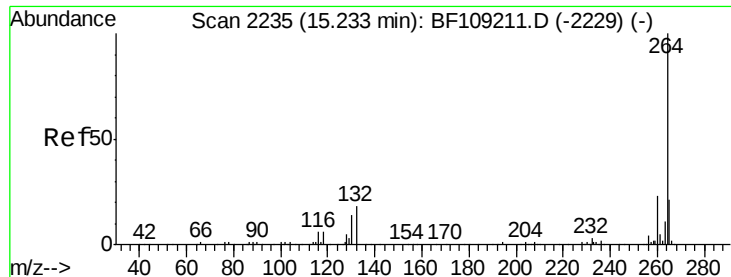


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF109417.D
Acq: 28 Sep 2018 6:10

Instrument :
BNA_F
ClientSampleId :
092418-TIPC-F-U-S

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.7	17.5	26.3

