

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100318\
 Data File : BF109565.D
 Acq On : 3 Oct 2018 23:35
 Operator : JU/SJ
 Sample : J5221-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 100118-DBRI-E-U-B

Quant Time: Oct 04 02:20:18 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

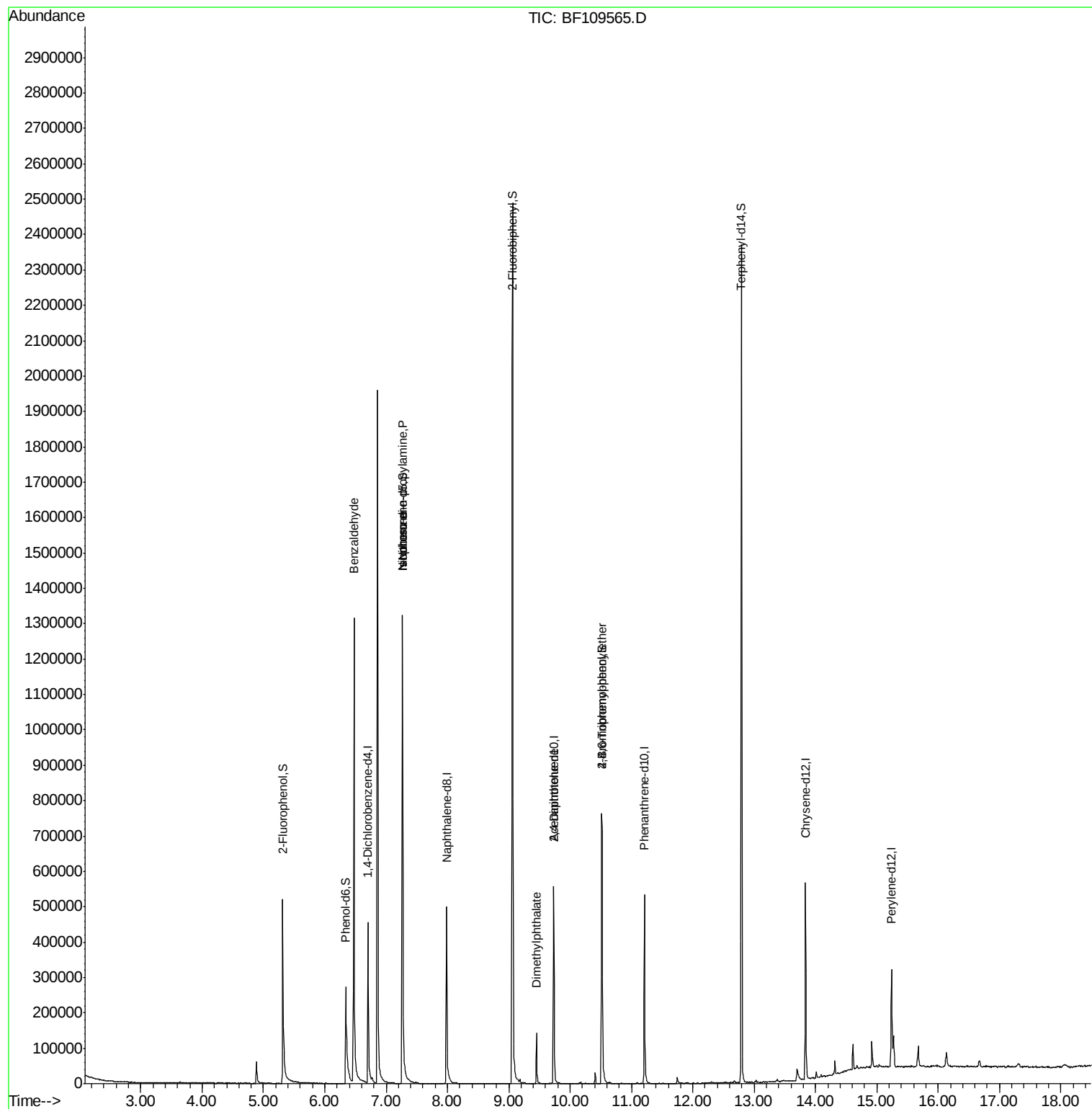
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	84179	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	287813	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	112735	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	213799	20.00	ng	0.00
75) Chrysene-d12	13.84	240	206362	20.00	ng	0.00
86) Perylene-d12	15.24	264	137861	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	199293	38.99	ng	0.00
7) Phenol-d6	6.35	99	155865	23.90	ng	-0.01
23) Nitrobenzene-d5	7.27	82	517777	106.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	115816	104.21	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	863095	115.47	ng	-0.01
78) Terphenyl-d14	12.79	244	886734	105.46	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.47	77	9077	2.167	ng	# 73
19) n-Nitroso-di-n-propylamine	7.27	70	68820	16.105	ng	# 76
25) Isophorone	7.27	82	498678	56.799	ng	# 64
49) Dimethylphthalate	9.45	163	63660	7.764	ng	# 99
56) 2,4-Dinitrotoluene	9.73	165	13961	6.794	ng	# 21
66) 4-Bromophenyl-phenylether	10.52	248	6965	2.934	ng	# 1

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

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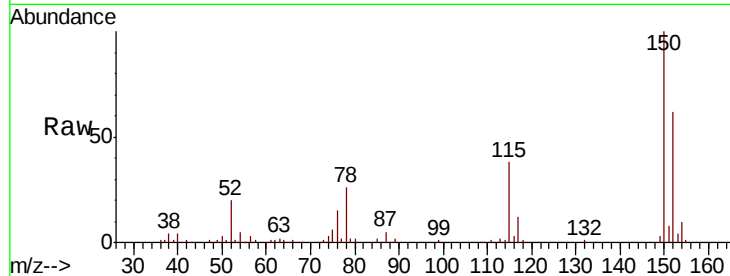




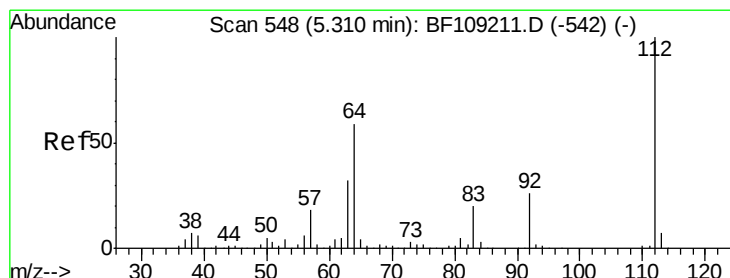
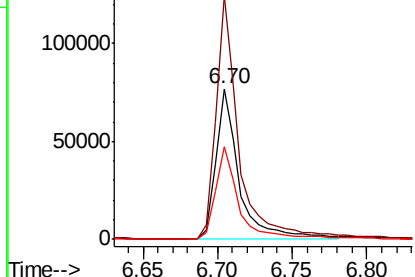
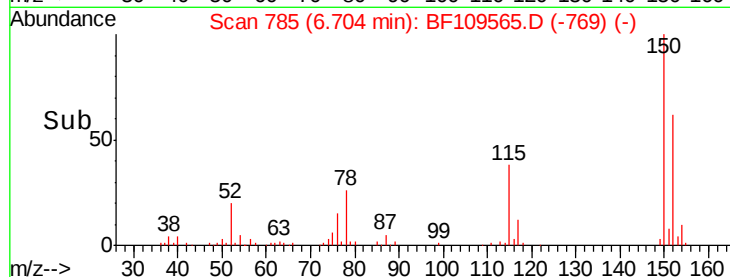
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109565.D
 Acq: 3 Oct 2018 23:35

Instrument :
 BNA_F
 ClientSampleId :
 100118-DBRI-E-U-B

Tgt Ion:152 Resp: 84179
 Ion Ratio Lower Upper
 152 100
 150 161.9 124.6 186.8
 115 61.4 50.1 75.1

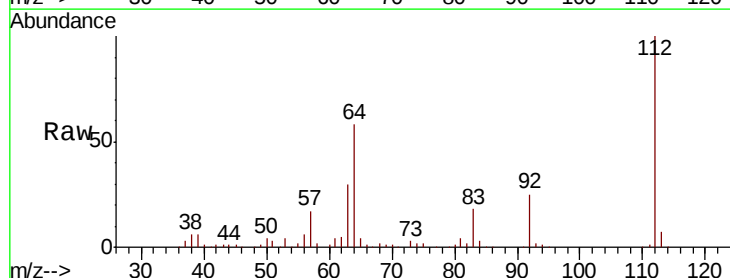


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

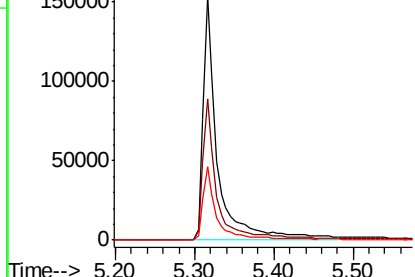
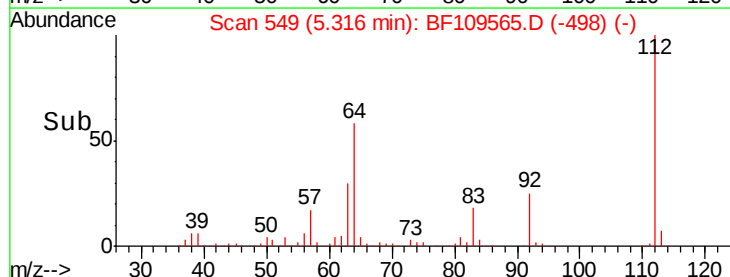


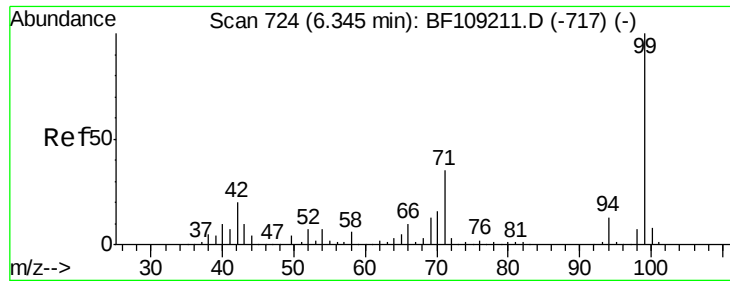
#5
 2-Fluorophenol
 Concen: 38.994 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF109565.D
 Acq: 3 Oct 2018 23:35

Tgt Ion:112 Resp: 199293
 Ion Ratio Lower Upper
 112 100
 64 58.0 47.9 71.9
 63 30.2 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: 23.900 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109565.D

Acq: 3 Oct 2018 23:35

Instrument :

BNA_F

ClientSampleId :

100118-DBRI-E-U-B

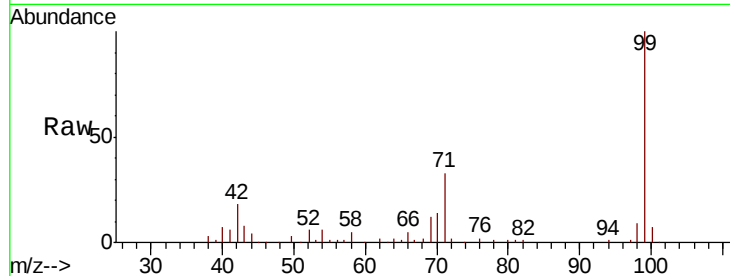
Tgt Ion: 99 Resp: 155865

Ion Ratio Lower Upper

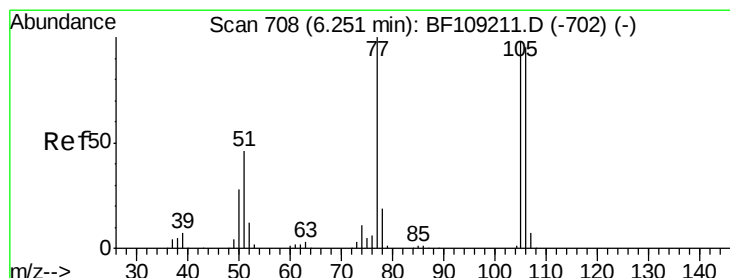
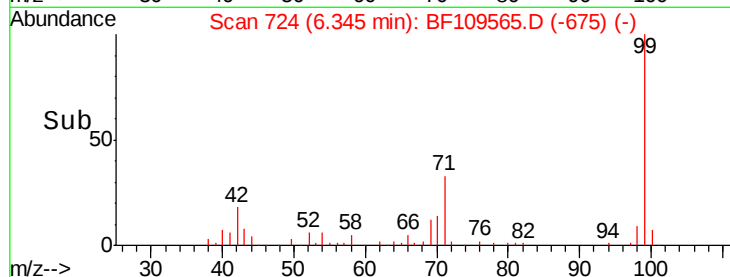
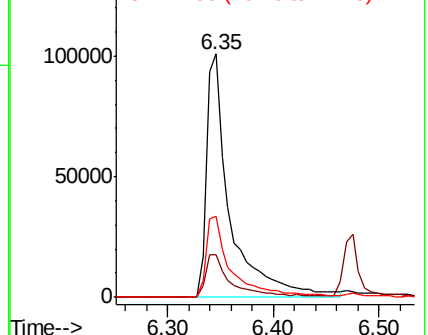
99 100

42 17.8 14.5 21.7

71 33.1 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: 2.167 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF109565.D

Acq: 3 Oct 2018 23:35

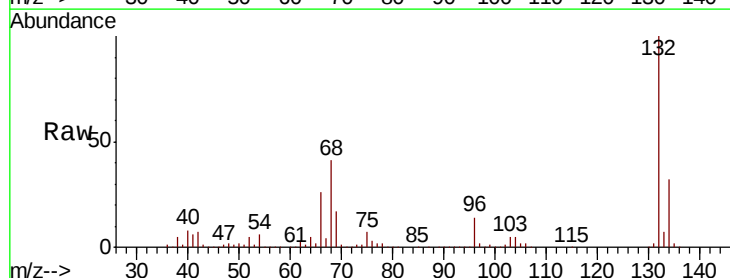
Tgt Ion: 77 Resp: 9077

Ion Ratio Lower Upper

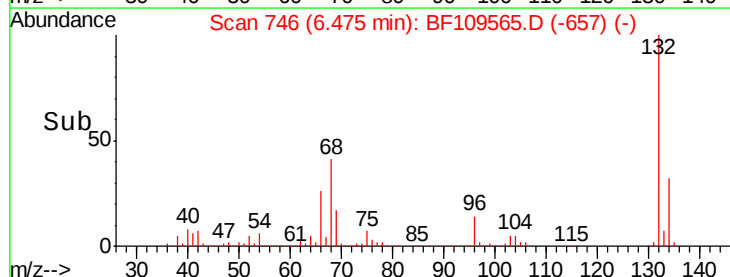
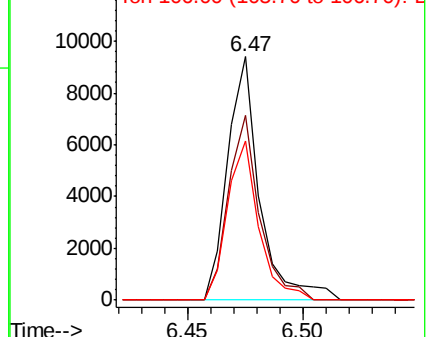
77 100

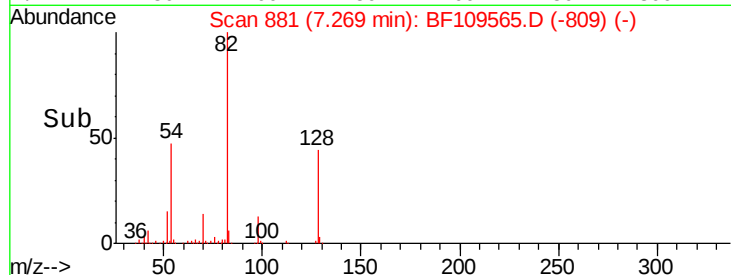
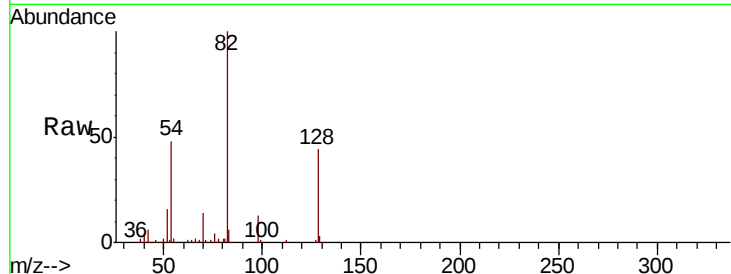
105 75.7 81.1 121.1#

106 65.5 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

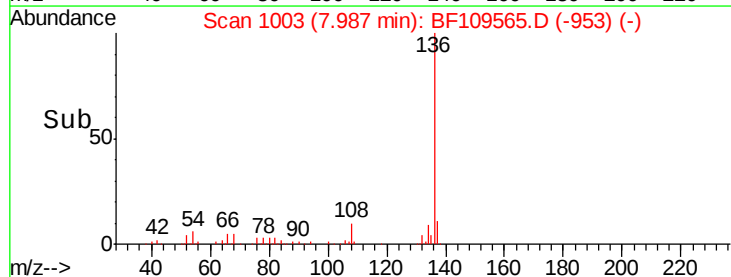
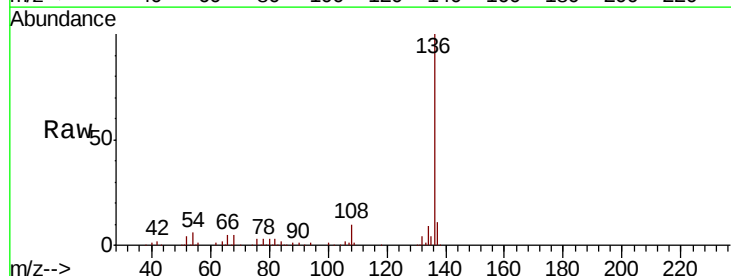
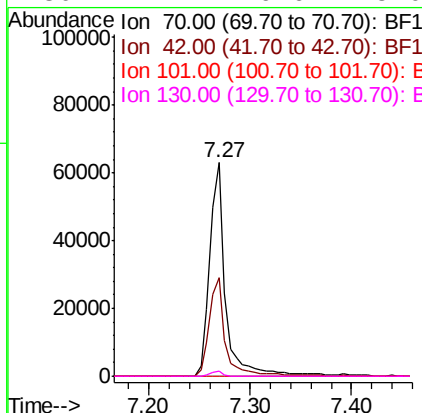




#19
n-Nitroso-di-n-propylamine
Concen: 16.105 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109565.D
Acq: 3 Oct 2018 23:35

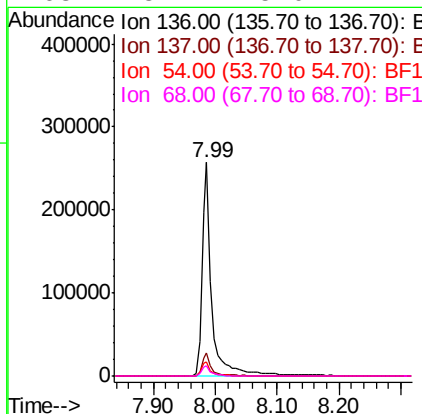
Instrument :
BNA_F
ClientSampleId :
100118-DBRI-E-U-B

Tgt Ion:	70	Resp:	68820
Ion	Ratio	Lower	Upper
70	100		
42	46.0	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: BF109565.D
Acq: 3 Oct 2018 23:35

Tgt Ion:	136	Resp:	287813
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.5	6.6	9.8#
68	5.1	5.0	7.4

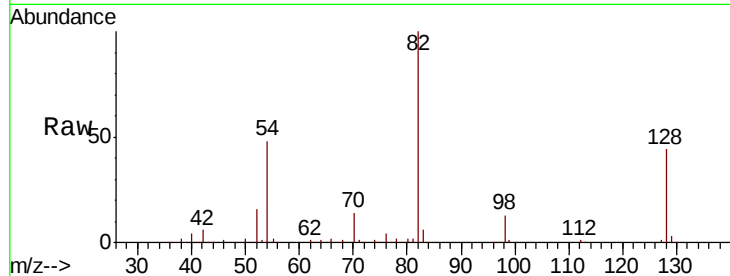




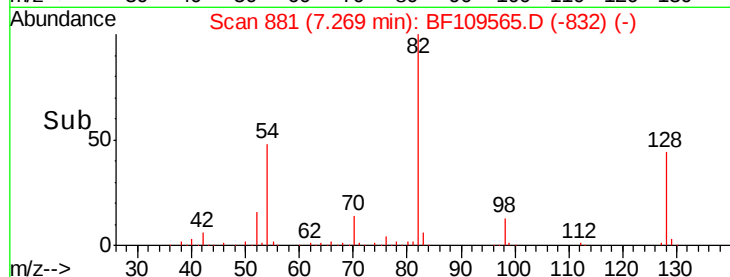
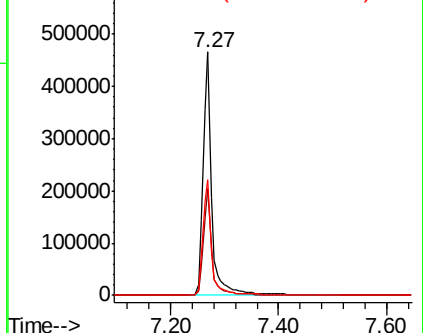
#23
 Nitrobenzene-d5
 Concen: 106.198 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109565.D
 Acq: 3 Oct 2018 23:35

Instrument :
 BNA_F
 ClientSampleId :
 100118-DBRI-E-U-B

Tgt Ion: 82 Resp: 517777
 Ion Ratio Lower Upper
 82 100
 128 43.6 36.1 54.1
 54 47.7 41.4 62.2

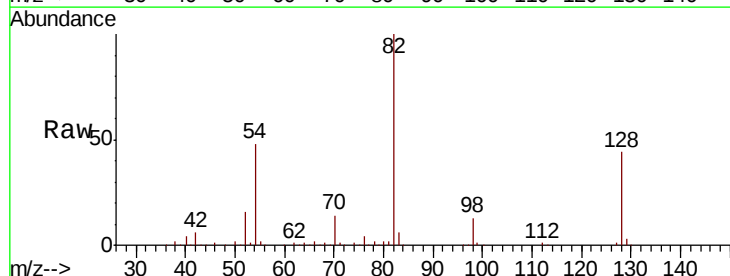


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

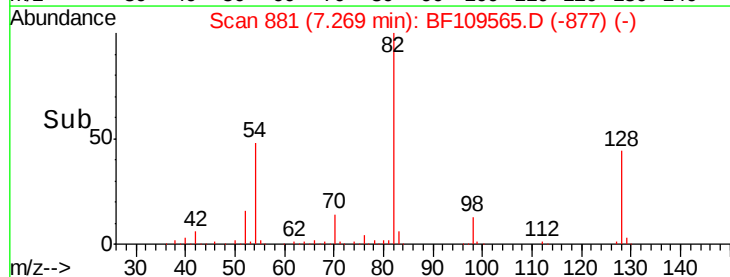
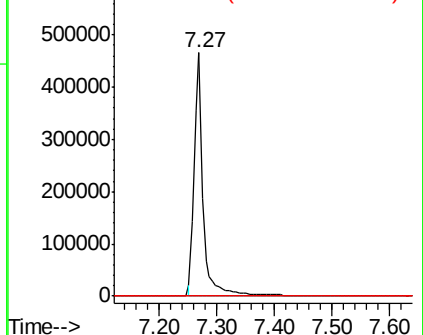


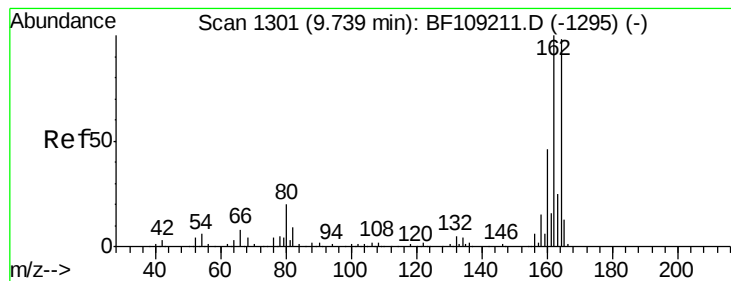
#25
 Isophorone
 Concen: 56.799 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.28 min
 Lab File: BF109565.D
 Acq: 3 Oct 2018 23:35

Tgt Ion: 82 Resp: 498678
 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: BF109565.D

Acq: 3 Oct 2018 23:35

Instrument :

BNA_F

ClientSampleId :

100118-DBRI-E-U-B

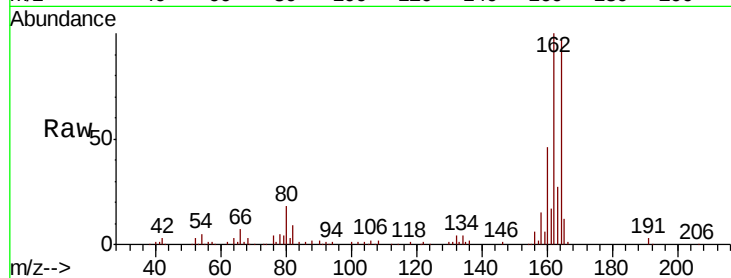
Tgt Ion:164 Resp: 112735

Ion Ratio Lower Upper

164 100

162 103.2 86.1 129.1

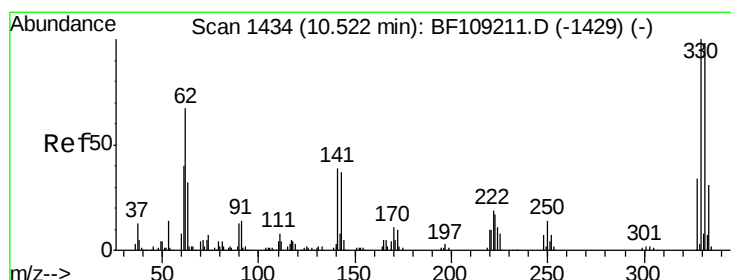
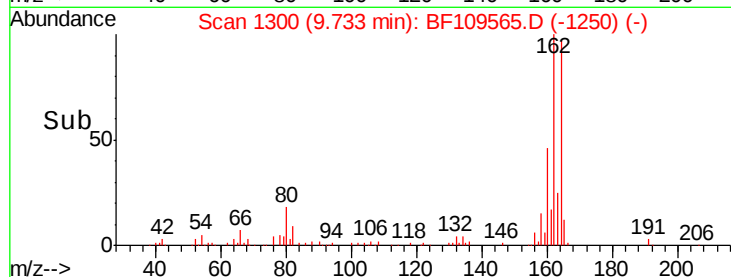
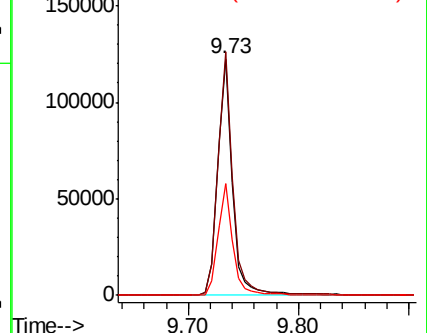
160 47.1 38.3 57.5



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: 104.214 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF109565.D

Acq: 3 Oct 2018 23:35

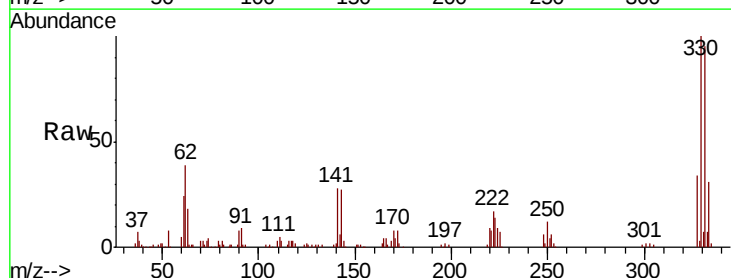
Tgt Ion:330 Resp: 115816

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

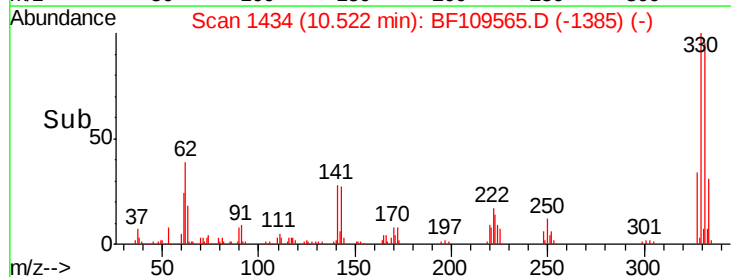
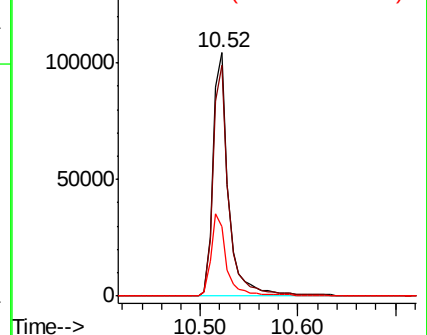
141 33.6 29.9 44.9



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

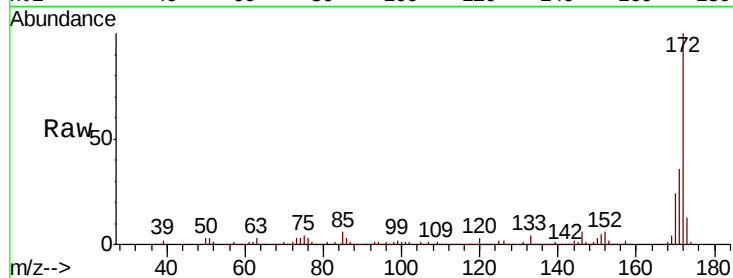




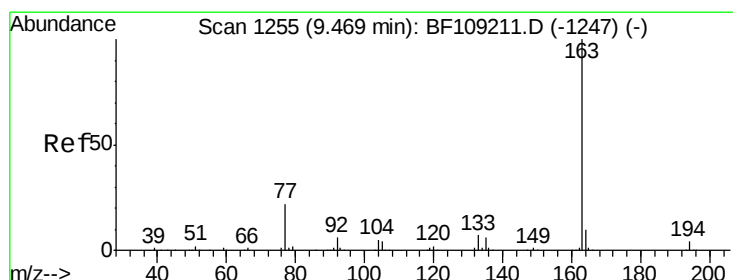
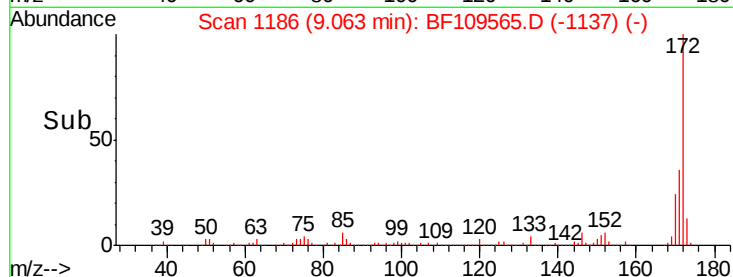
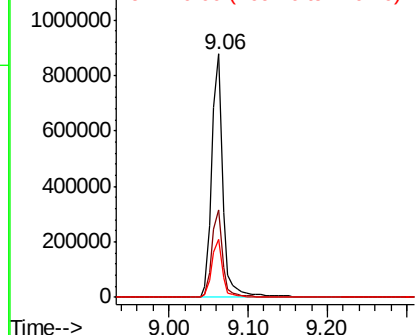
#44
2-Fluorobiphenyl
Concen: 115.467 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109565.D
Acq: 3 Oct 2018 23:35

Instrument :
BNA_F
ClientSampleId :
100118-DBRI-E-U-B

Tgt Ion:172 Resp: 863095
Ion Ratio Lower Upper
172 100
171 35.7 29.7 44.5
170 23.7 19.6 29.4

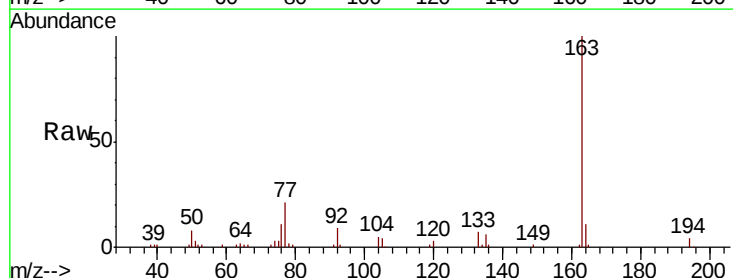


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

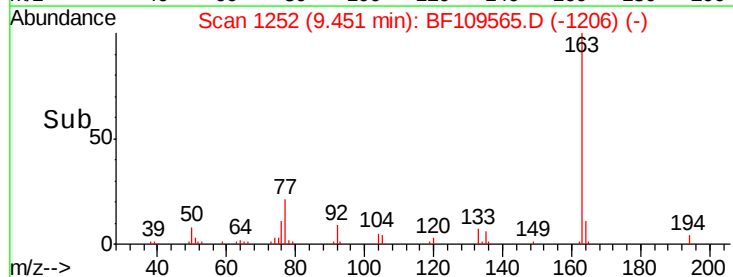
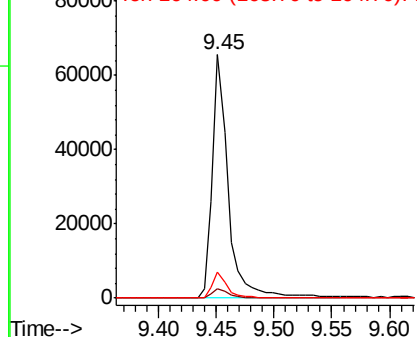


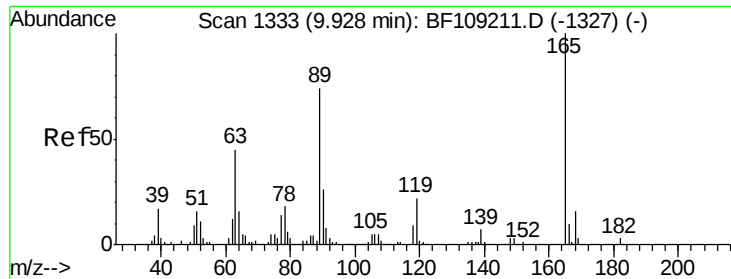
#49
Dimethylphthalate
Concen: 7.764 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109565.D
Acq: 3 Oct 2018 23:35

Tgt Ion:163 Resp: 63660
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.6 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

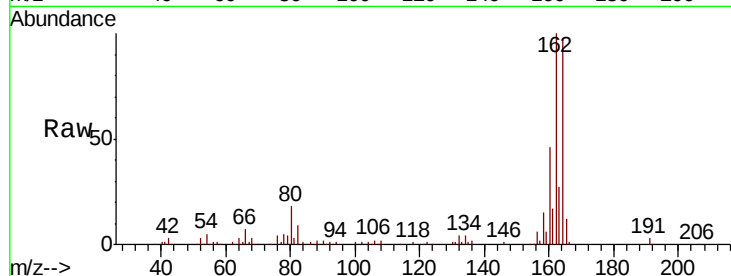




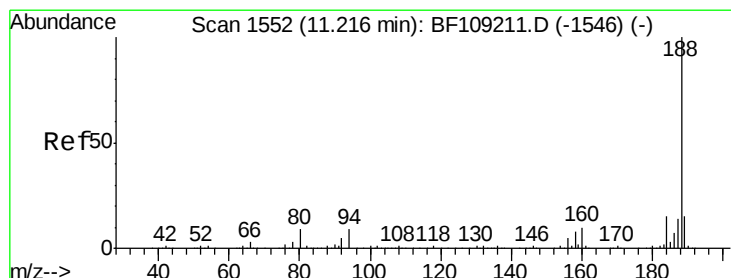
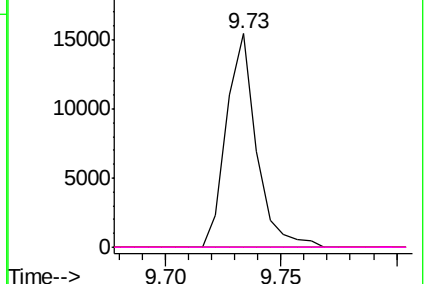
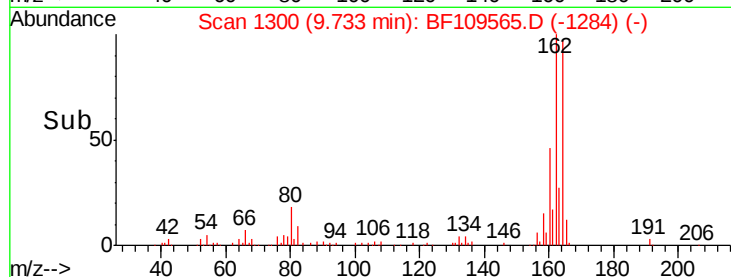
#56
 2,4-Dinitrotoluene
 Concen: 6.794 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF109565.D
 Acq: 3 Oct 2018 23:35

Instrument :
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 100118-DBRI-E-U-B

Tgt Ion:	165	Resp:	13961
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#

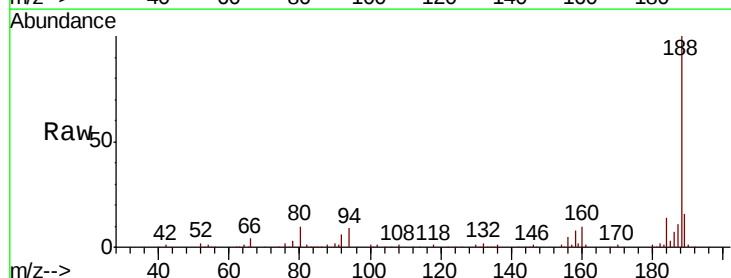


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

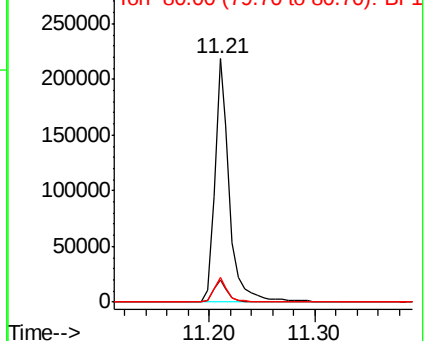
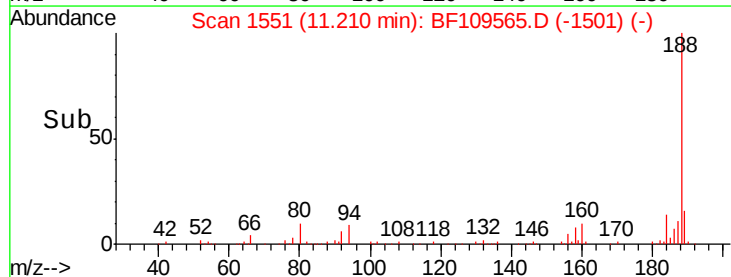


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF109565.D
 Acq: 3 Oct 2018 23:35

Tgt Ion:	188	Resp:	213799
Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	10.3	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

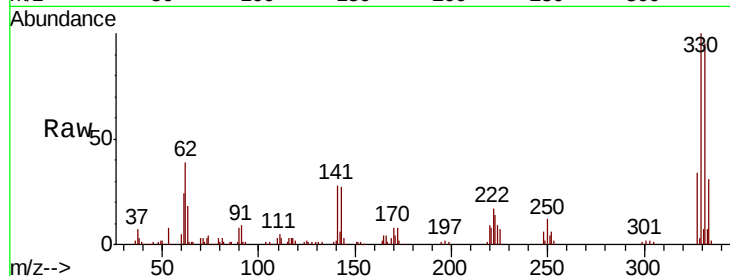




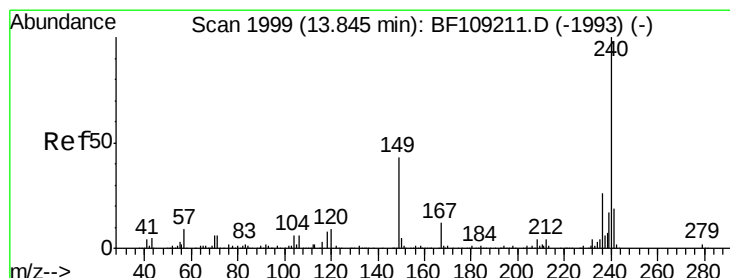
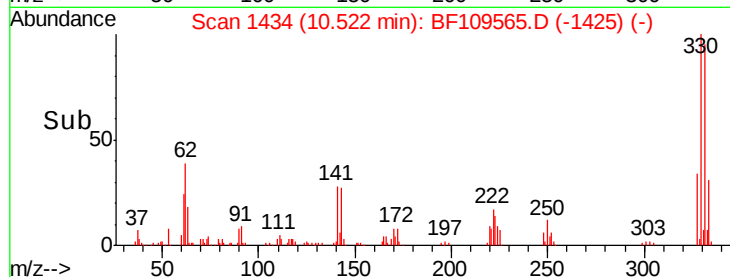
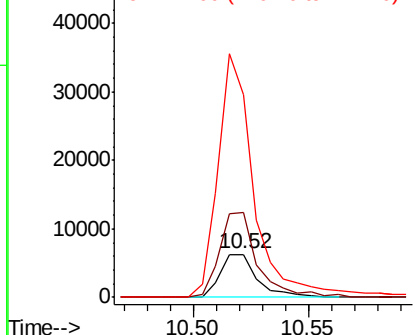
#66
4-Bromophenyl-phenylether
Concen: 2.934 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109565.D
Acq: 3 Oct 2018 23:35

Instrument :
BNA_F
ClientSampleId :
100118-DBRI-E-U-B

Tgt Ion:248 Resp: 6965
Ion Ratio Lower Upper
248 100
250 195.5 76.9 115.3#
141 470.6 74.4 111.6#

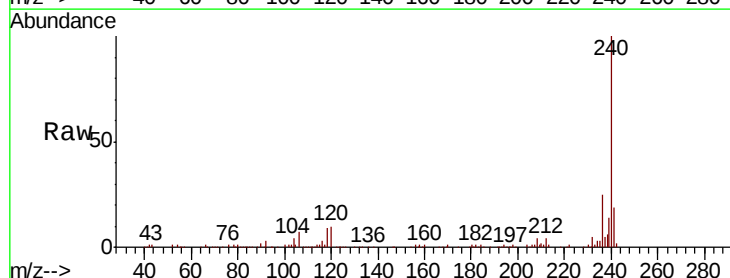


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

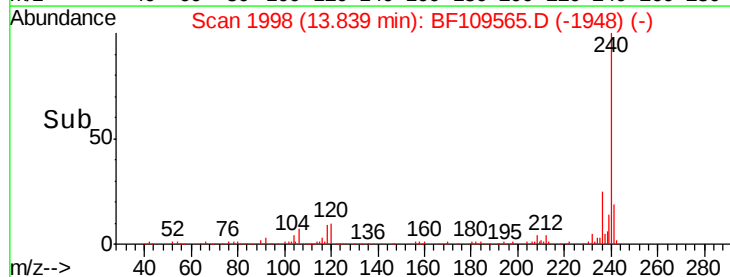
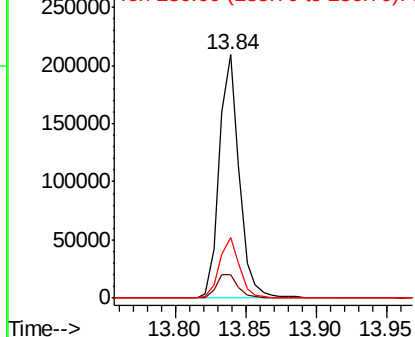


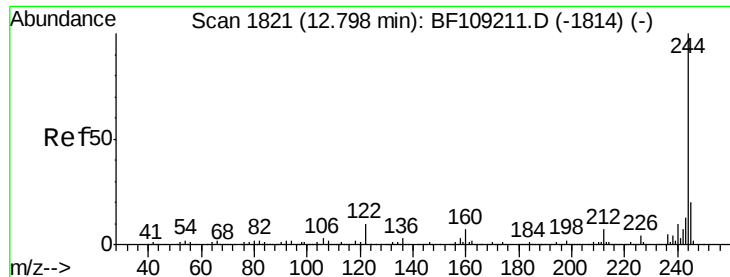
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109565.D
Acq: 3 Oct 2018 23:35

Tgt Ion:240 Resp: 206362
Ion Ratio Lower Upper
240 100
120 9.5 9.5 14.3
236 25.1 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: 105.455 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109565.D

Acq: 3 Oct 2018 23:35

Instrument :

BNA_F

ClientSampleId :

100118-DBRI-E-U-B

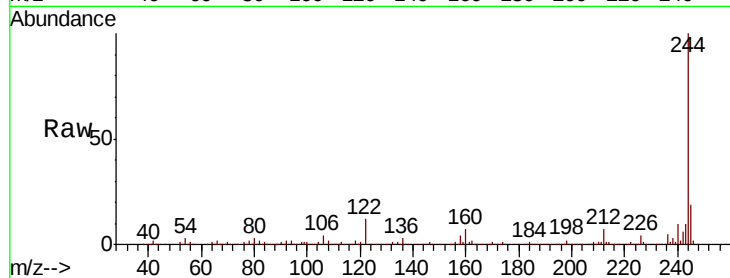
Tgt Ion:244 Resp: 886734

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

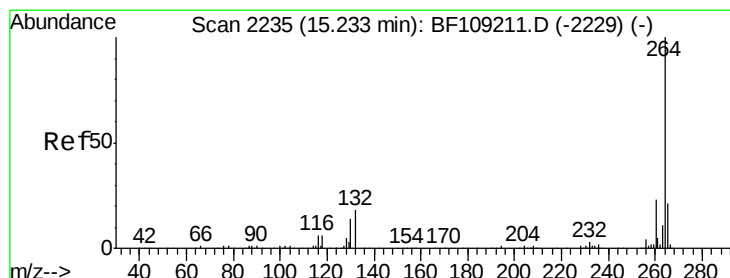
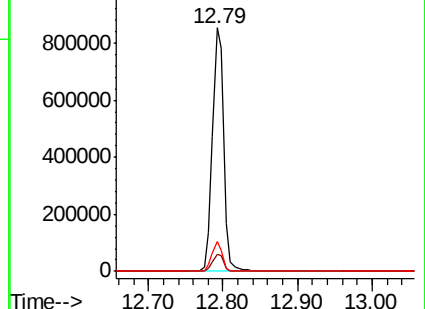
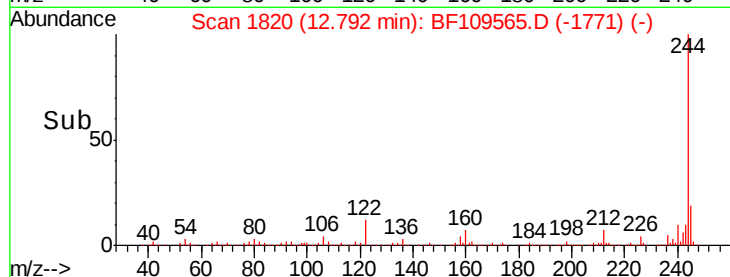
122 12.1 11.0 16.4



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: BF109565.D

Acq: 3 Oct 2018 23:35

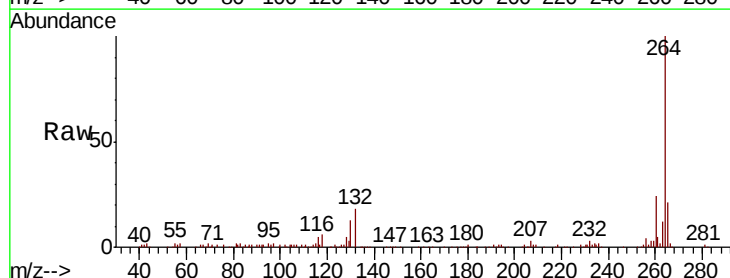
Tgt Ion:264 Resp: 137861

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 21.0 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

