

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091418\
 Data File : BF109025.D
 Acq On : 15 Sep 2018 5:29
 Operator : JU/SJ
 Sample : J4901-08
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 091218-DBRI-F-U-B

Quant Time: Sep 15 06:55:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

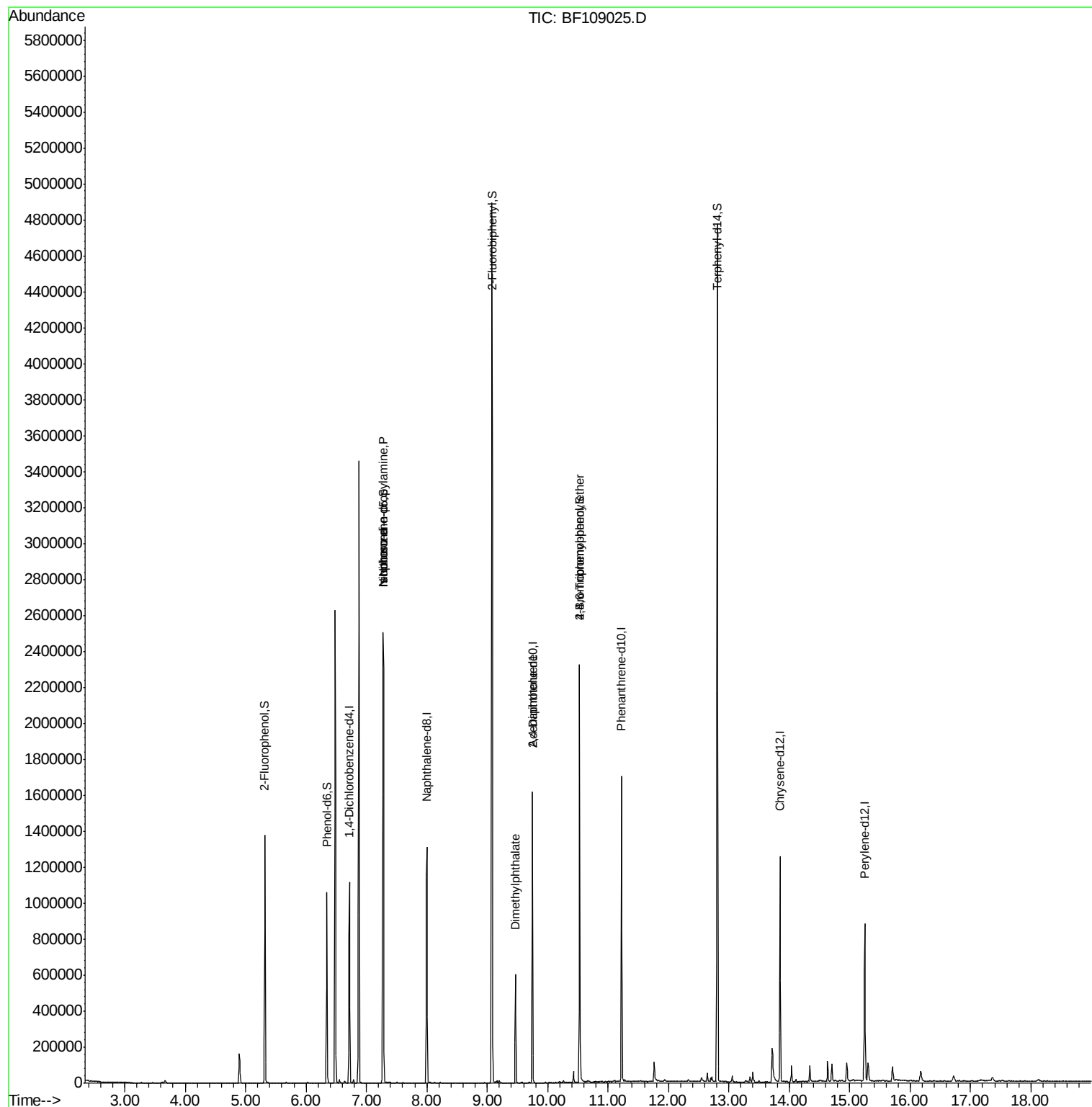
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	153842	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	587596	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	285749	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	562521	20.00	ng	0.00
75) Chrysene-d12	13.85	240	401700	20.00	ng	-0.01
86) Perylene-d12	15.25	264	391576	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	360314	38.90	ng	0.00
7) Phenol-d6	6.34	99	304965	25.53	ng	-0.02
23) Nitrobenzene-d5	7.28	82	946821	90.38	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	278390	89.77	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	1592601	87.32	ng	0.00
78) Terphenyl-d14	12.81	244	1757621	103.71	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	127331	16.128	ng	# 78
25) Isophorone	7.28	82	940749	52.239	ng	# 64
49) Dimethylphthalate	9.47	163	213448	10.451	ng	99
56) 2,4-Dinitrotoluene	9.75	165	37227	6.285	ng	# 23
66) 4-Bromophenyl-phenylether	10.53	248	17012	2.683	ng	# 1

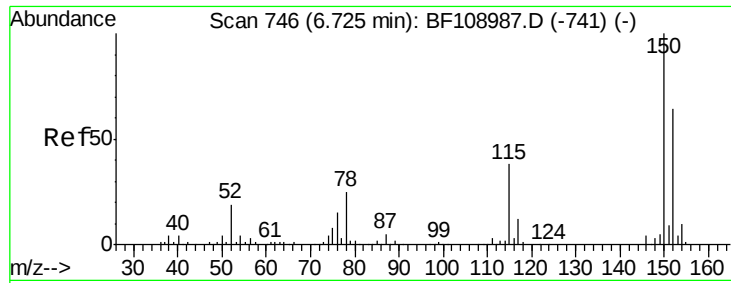
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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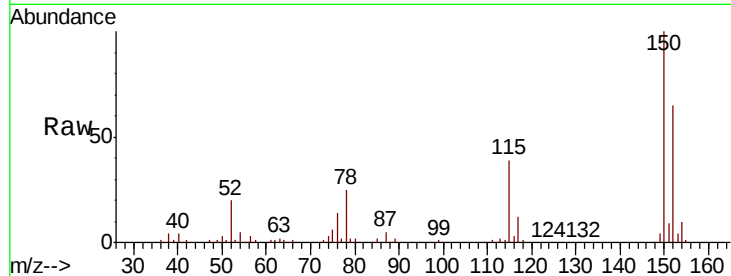




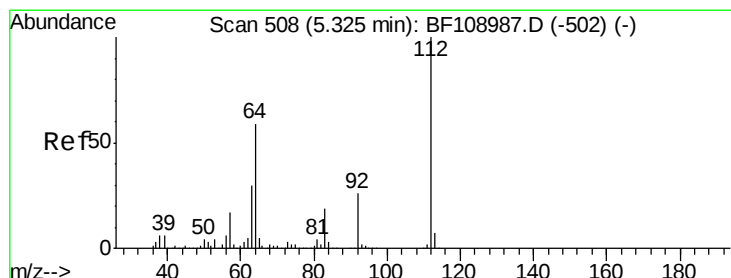
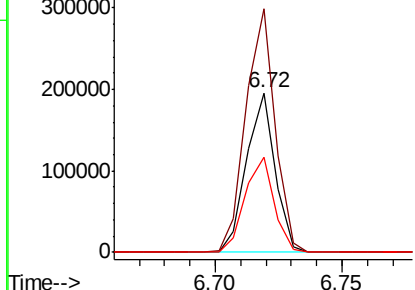
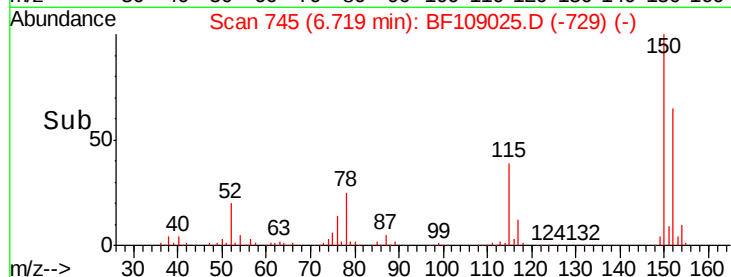
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109025.D
 Acq: 15 Sep 2018 5:29

Instrument :
 BNA_F
 ClientSampleId :
 091218-DBRI-F-U-B

Tgt Ion:152 Resp: 153842
 Ion Ratio Lower Upper
 152 100
 150 152.9 124.6 186.8
 115 59.4 50.1 75.1

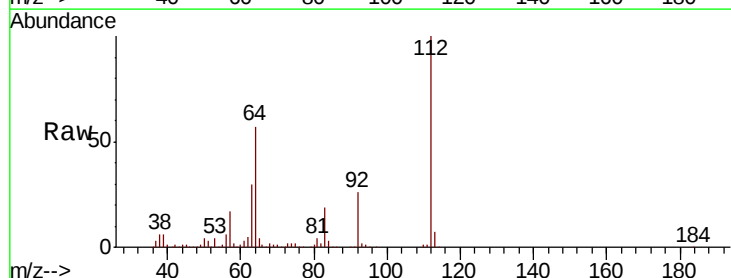


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

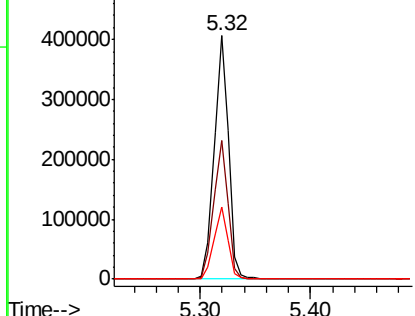
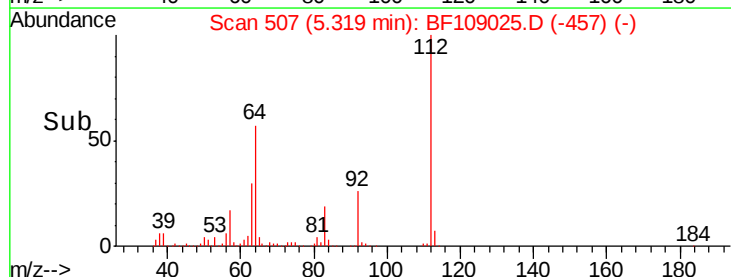


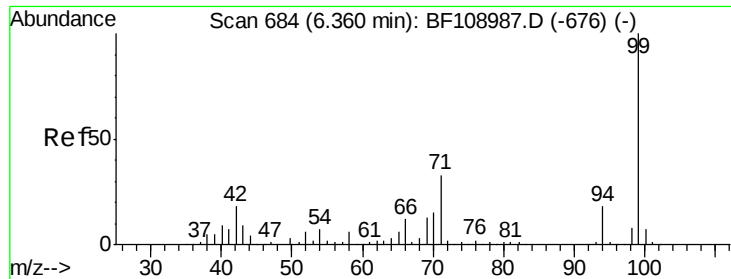
#5
 2-Fluorophenol
 Concen: 38.900 ng
 RT: 5.32 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: BF109025.D
 Acq: 15 Sep 2018 5:29

Tgt Ion:112 Resp: 360314
 Ion Ratio Lower Upper
 112 100
 64 56.7 47.9 71.9
 63 29.9 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: 25.533 ng

RT: 6.34 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF109025.D

Acq: 15 Sep 2018 5:29

Instrument :

BNA_F

ClientSampleId :

091218-DBRI-F-U-B

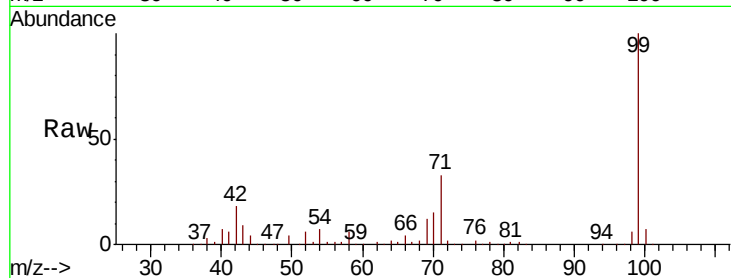
Tgt Ion: 99 Resp: 304965

Ion Ratio Lower Upper

99 100

42 18.0 14.5 21.7

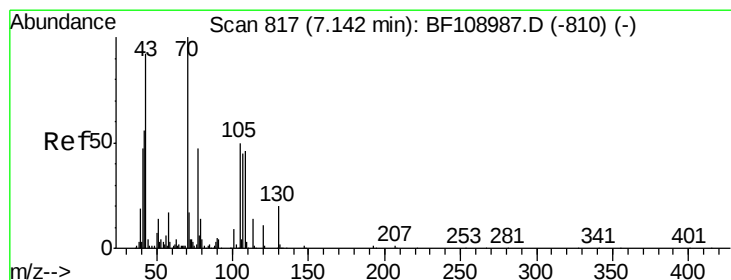
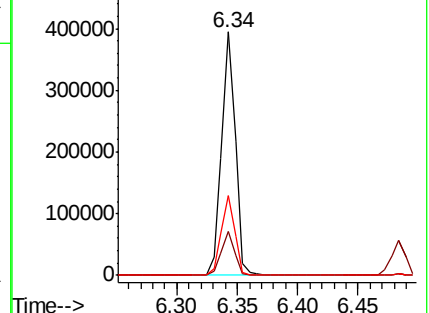
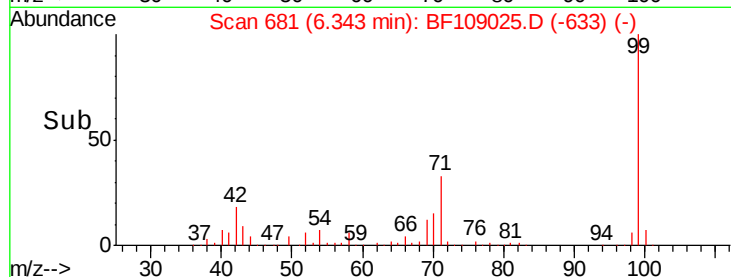
71 32.6 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.128 ng

RT: 7.28 min Scan# 840

Delta R.T. 0.14 min

Lab File: BF109025.D

Acq: 15 Sep 2018 5:29

Tgt Ion: 70 Resp: 127331

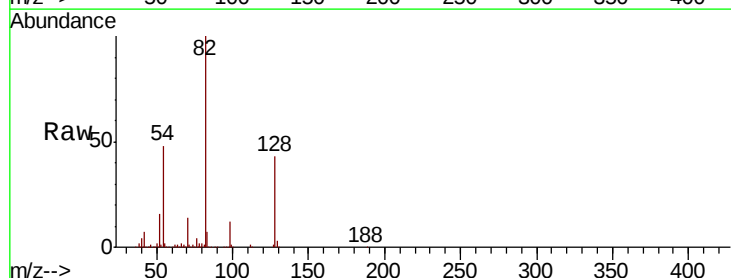
Ion Ratio Lower Upper

70 100

42 48.0 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

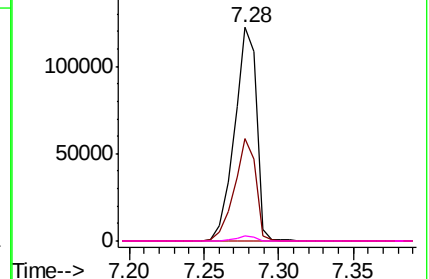
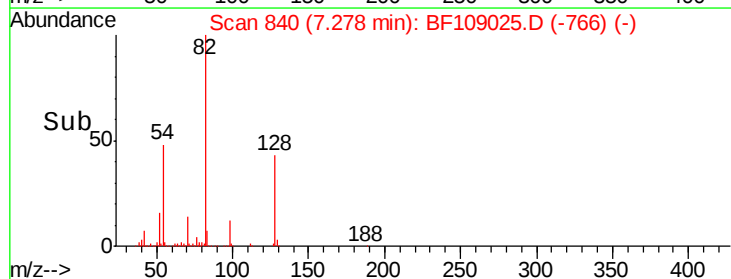


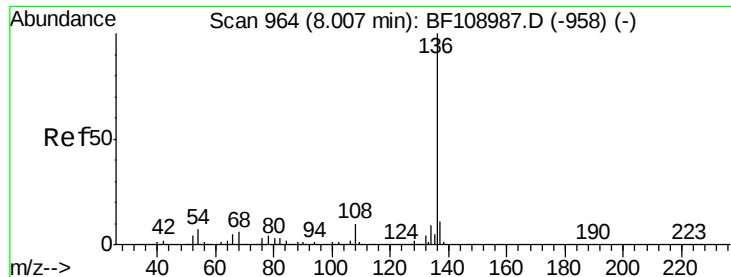
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

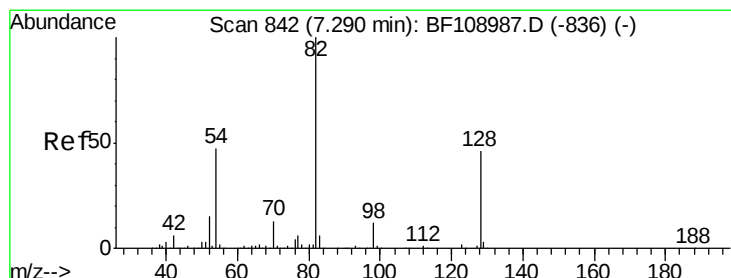
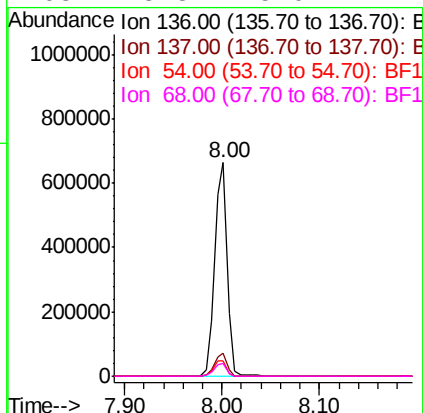
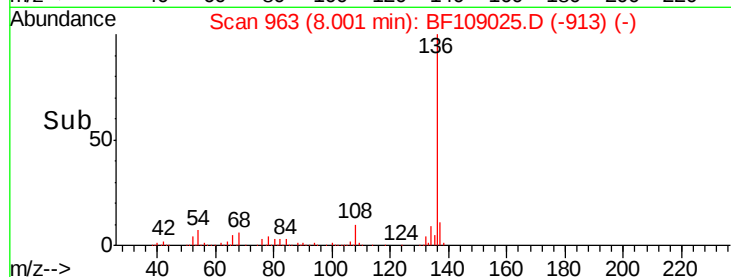
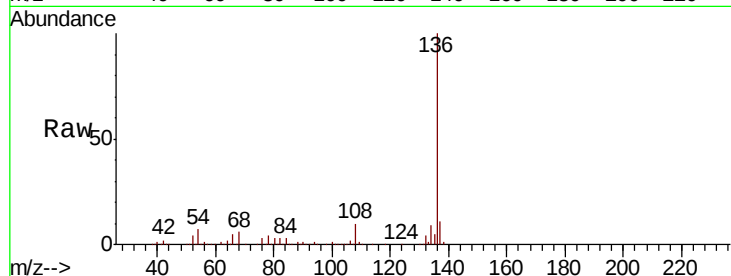




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109025.D
Acq: 15 Sep 2018 5:29

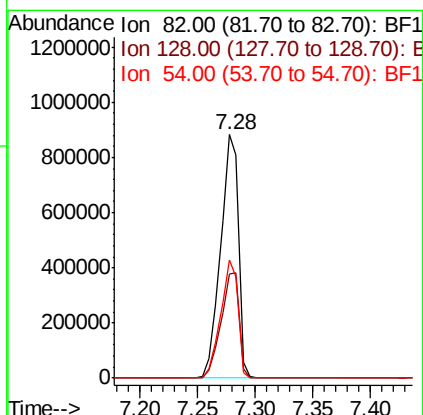
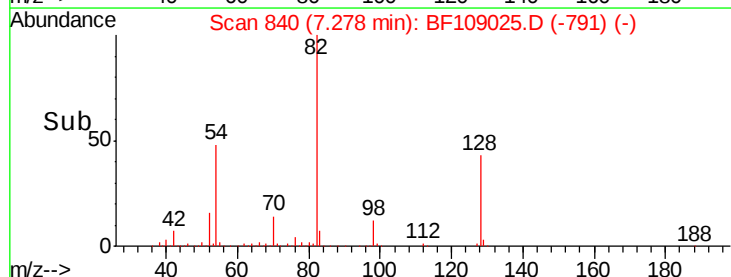
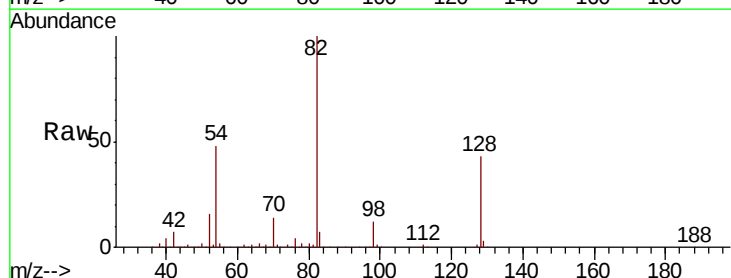
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091218-DBRI-F-U-B

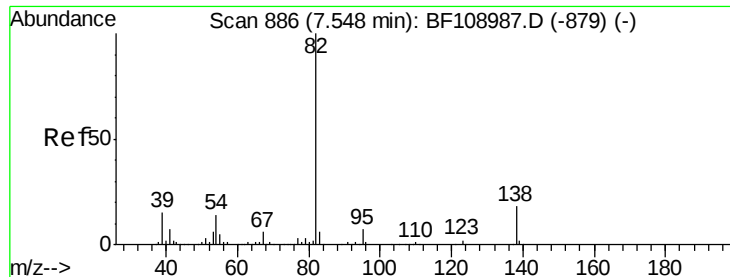
Tgt Ion:	136	Resp:	587596
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.2	6.6	9.8
68	5.8	5.0	7.4



#23
Nitrobenzene-d5
Concen: 90.378 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF109025.D
Acq: 15 Sep 2018 5:29

Tgt Ion:	82	Resp:	946821
Ion	Ratio	Lower	Upper
82	100		
128	43.0	36.1	54.1
54	48.3	41.4	62.2

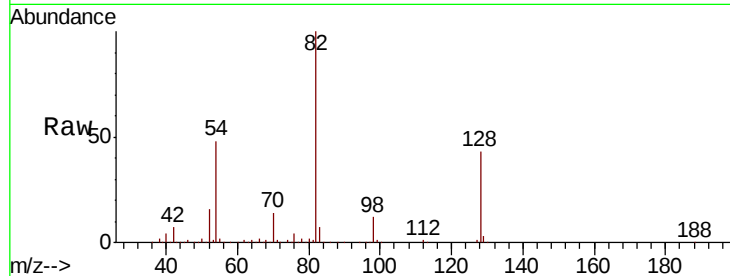




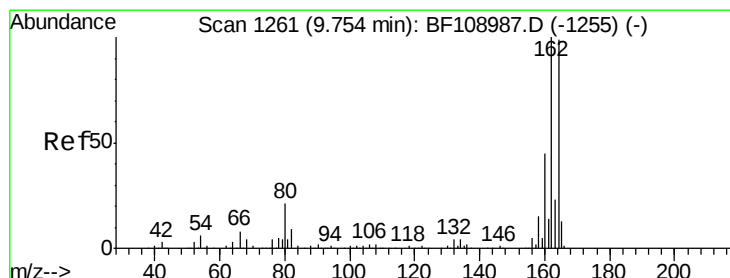
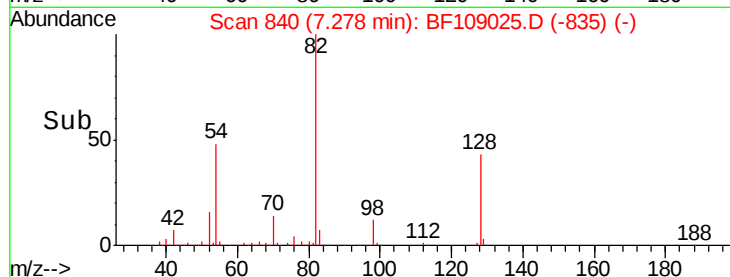
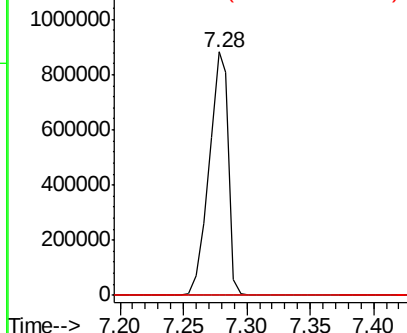
#25
Isophorone
Concen: 52.239 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.27 min
Lab File: BF109025.D
Acq: 15 Sep 2018 5:29

Instrument :
BNA_F
ClientSampleId :
091218-DBRI-F-U-B

Tgt Ion: 82 Resp: 940749
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

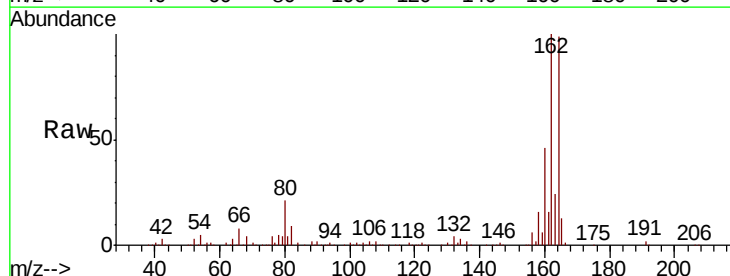


Abundance Ion 82.00 (81.70 to 82.70): BF1
1200000
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): E

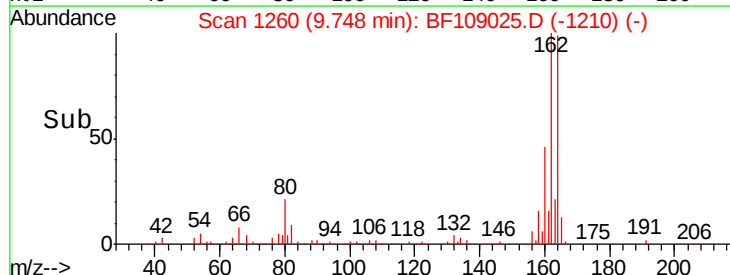
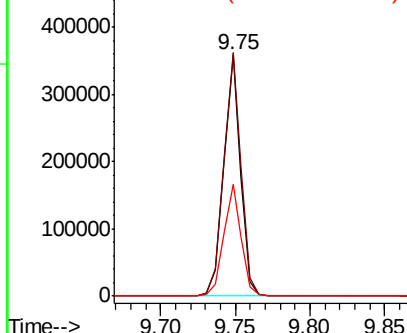


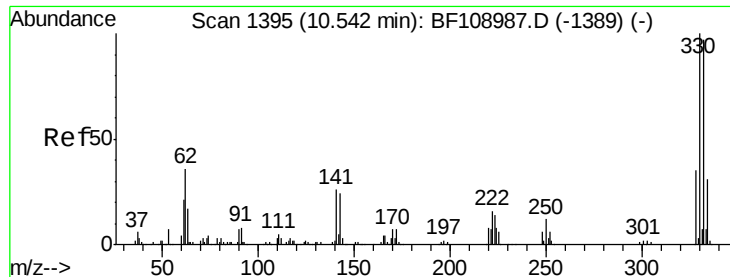
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF109025.D
Acq: 15 Sep 2018 5:29

Tgt Ion: 164 Resp: 285749
Ion Ratio Lower Upper
164 100
162 100.8 86.1 129.1
160 46.5 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
500000
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

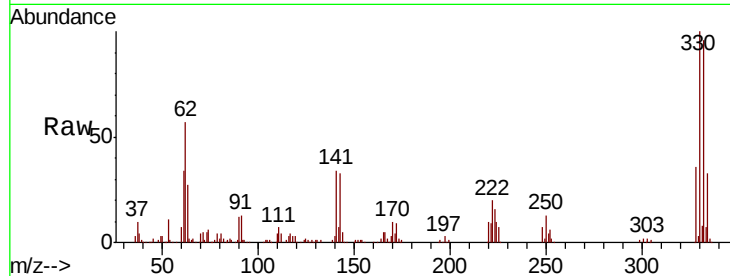




#41
 2,4,6-Tribromophenol
 Concen: 89.770 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF109025.D
 Acq: 15 Sep 2018 5:29

Instrument :
 BNA_F
 ClientSampleId :
 091218-DBRI-F-U-B

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	32.3	29.9	44.9

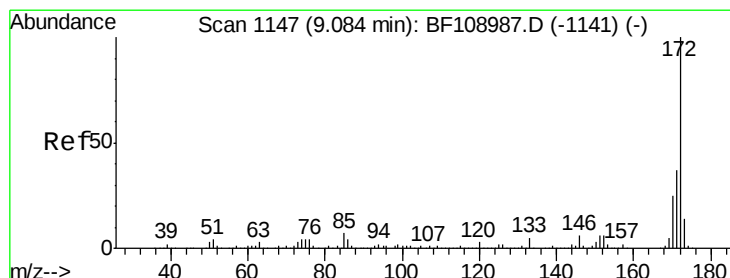
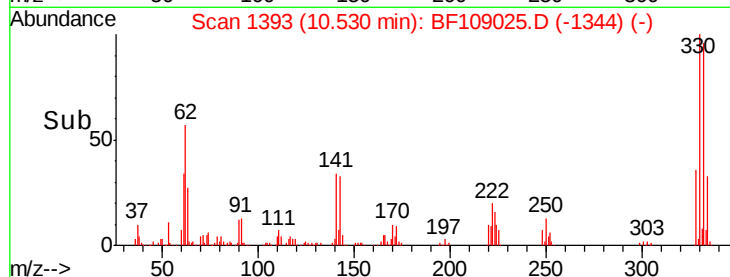
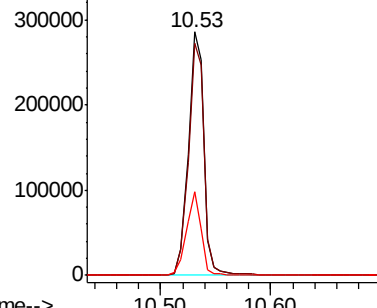


Abundance

Ion 329.80 (329.50 to 330.50): E

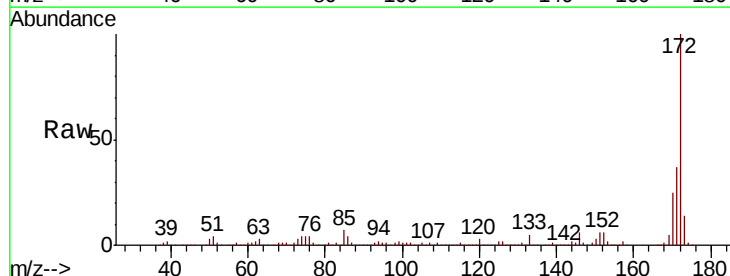
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 87.321 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109025.D
 Acq: 15 Sep 2018 5:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.7	44.5
170	25.3	19.6	29.4

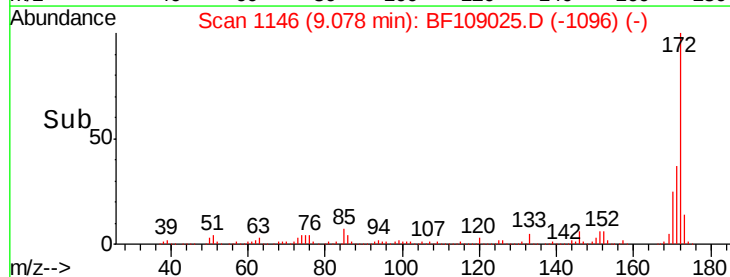
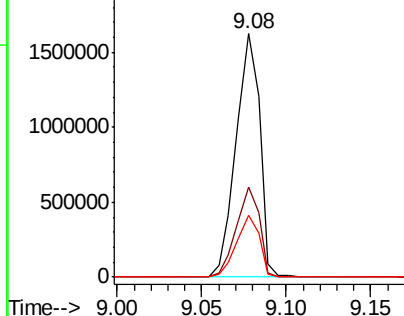


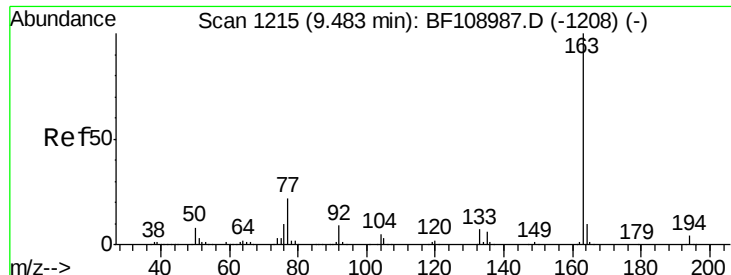
Abundance

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

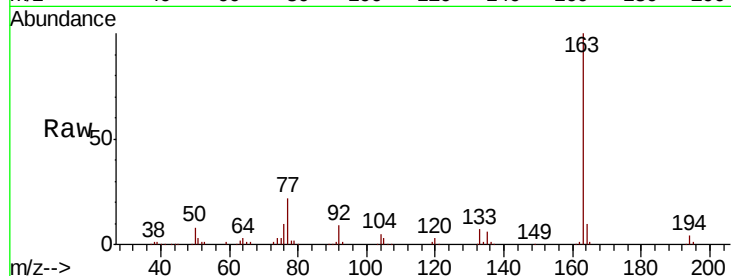




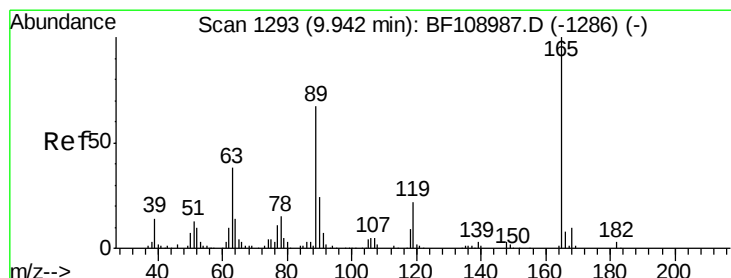
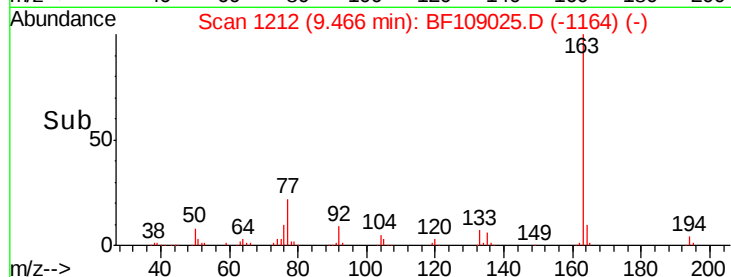
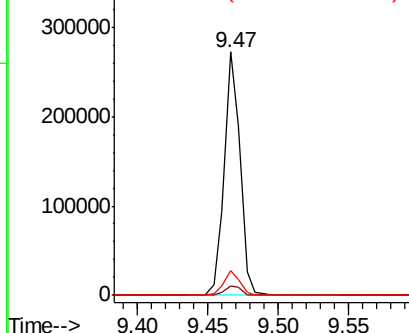
#49
Dimethylphthalate
Concen: 10.451 ng
RT: 9.47 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF109025.D
Acq: 15 Sep 2018 5:29

Instrument :
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Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.0	8.2	12.2

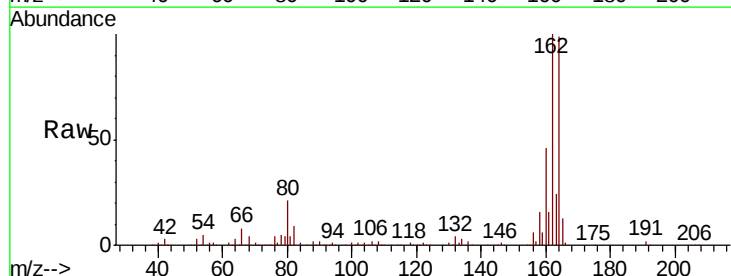


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

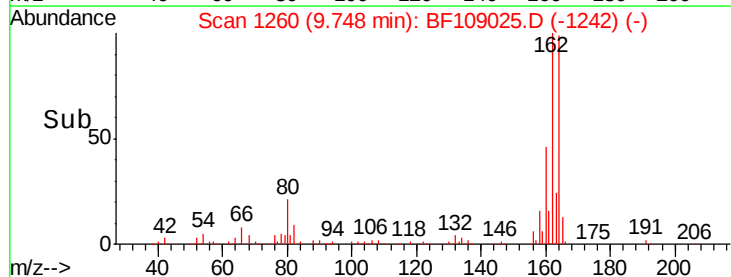
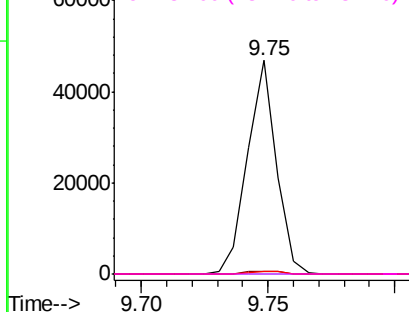


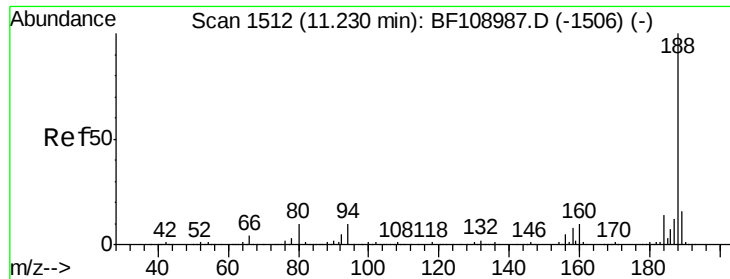
#56
2,4-Dinitrotoluene
Concen: 6.285 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.19 min
Lab File: BF109025.D
Acq: 15 Sep 2018 5:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.2	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

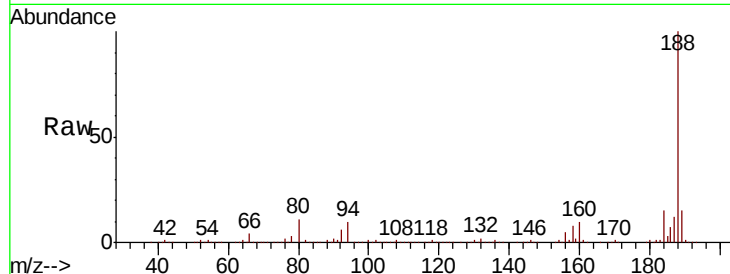




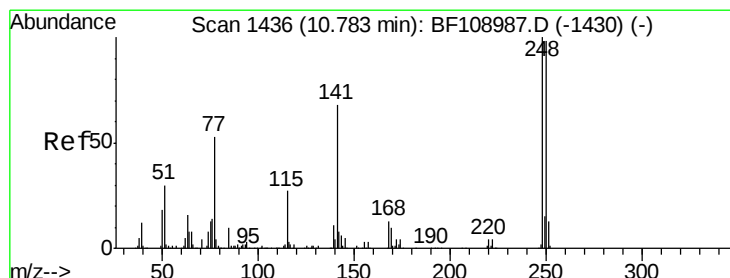
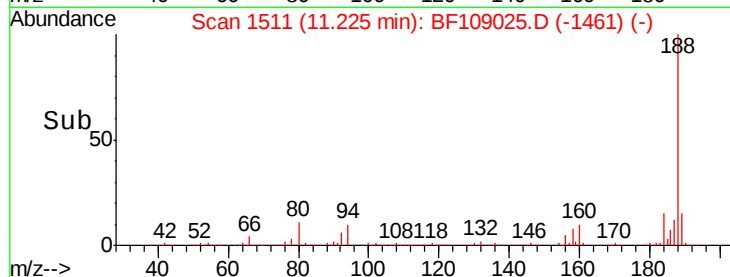
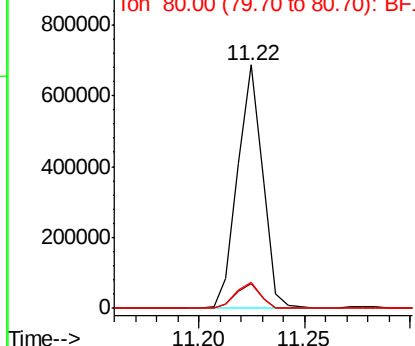
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF109025.D
 Acq: 15 Sep 2018 5:29

Instrument :
 BNA_F
 ClientSampleId :
 091218-DBRI-F-U-B

Tgt Ion:188 Resp: 562521
 Ion Ratio Lower Upper
 188 100
 94 10.0 8.5 12.7
 80 10.6 9.2 13.8

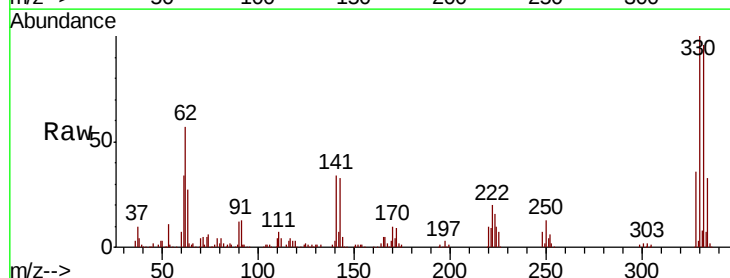


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

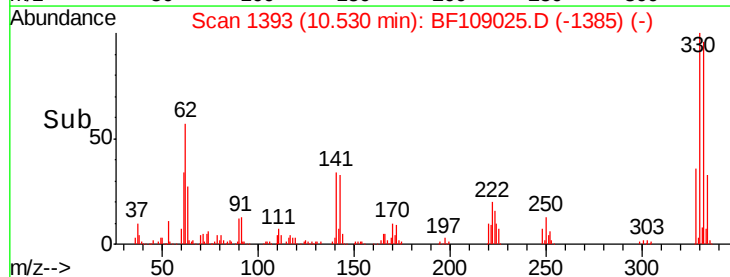
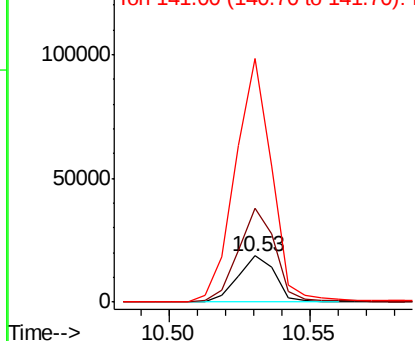


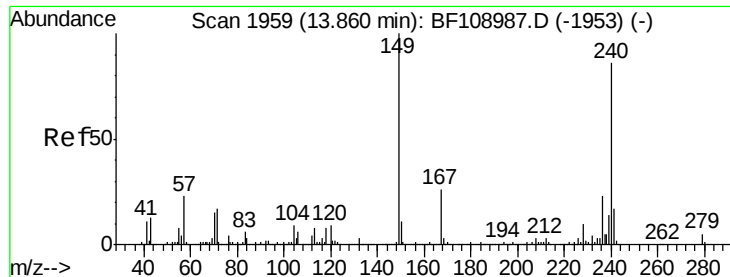
#66
 4-Bromophenyl-phenylether
 Concen: 2.683 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.25 min
 Lab File: BF109025.D
 Acq: 15 Sep 2018 5:29

Tgt Ion:248 Resp: 17012
 Ion Ratio Lower Upper
 248 100
 250 201.9 76.9 115.3#
 141 527.1 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: 13.85 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BF109025.D

Acq: 15 Sep 2018 5:29

Instrument :

BNA_F

ClientSampleId :

091218-DBRI-F-U-B

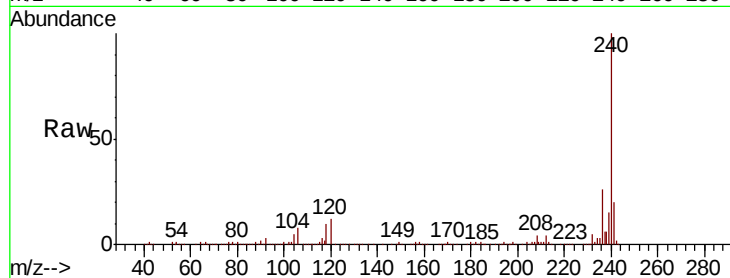
Tgt Ion:240 Resp: 401700

Ion Ratio Lower Upper

240 100

120 11.9 9.5 14.3

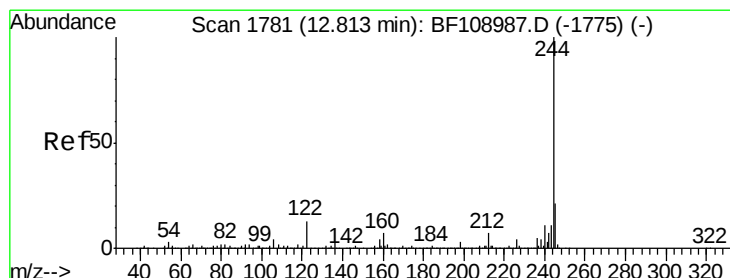
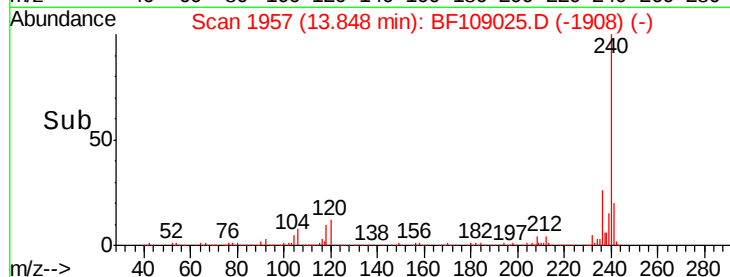
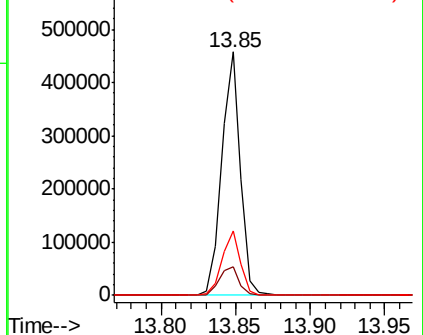
236 26.3 20.7 31.1



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: 103.710 ng

RT: 12.81 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BF109025.D

Acq: 15 Sep 2018 5:29

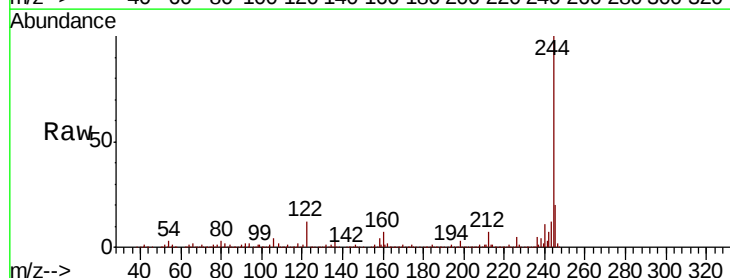
Tgt Ion:244 Resp: 1757621

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

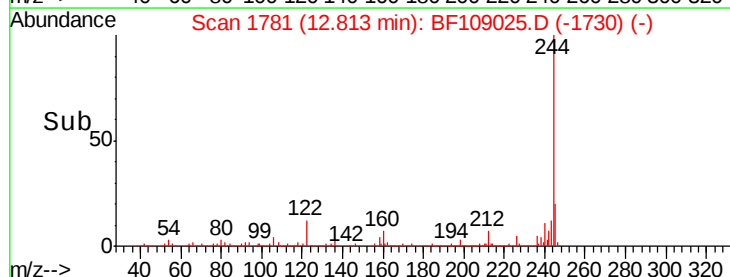
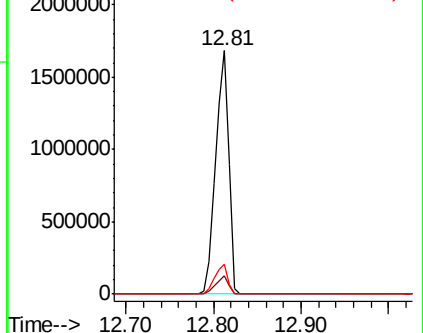
122 12.2 11.0 16.4

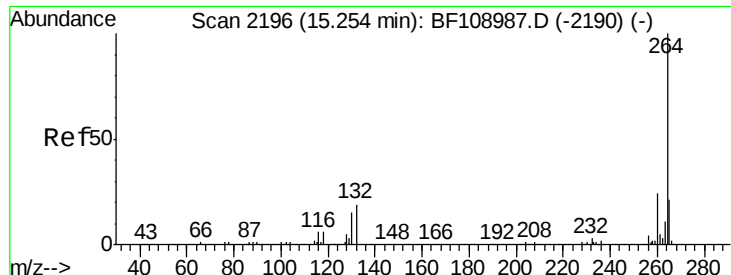


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

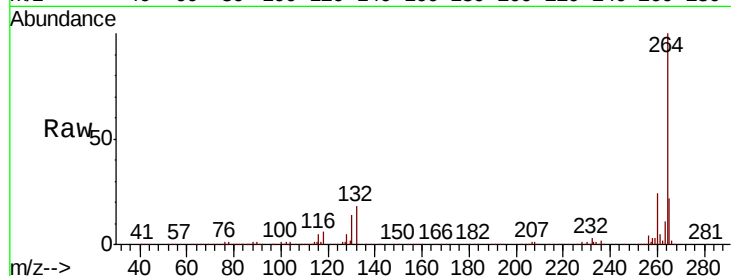




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF109025.D
Acq: 15 Sep 2018 5:29

Instrument :
BNA_F
ClientSampleId :
091218-DBRI-F-U-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.7	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

