

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101218\
 Data File : BF109859.D
 Acq On : 13 Oct 2018 3:17
 Operator : JU/SJ
 Sample : J5444-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 101018-SIDI-F-D-M

Quant Time: Oct 13 03:55:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

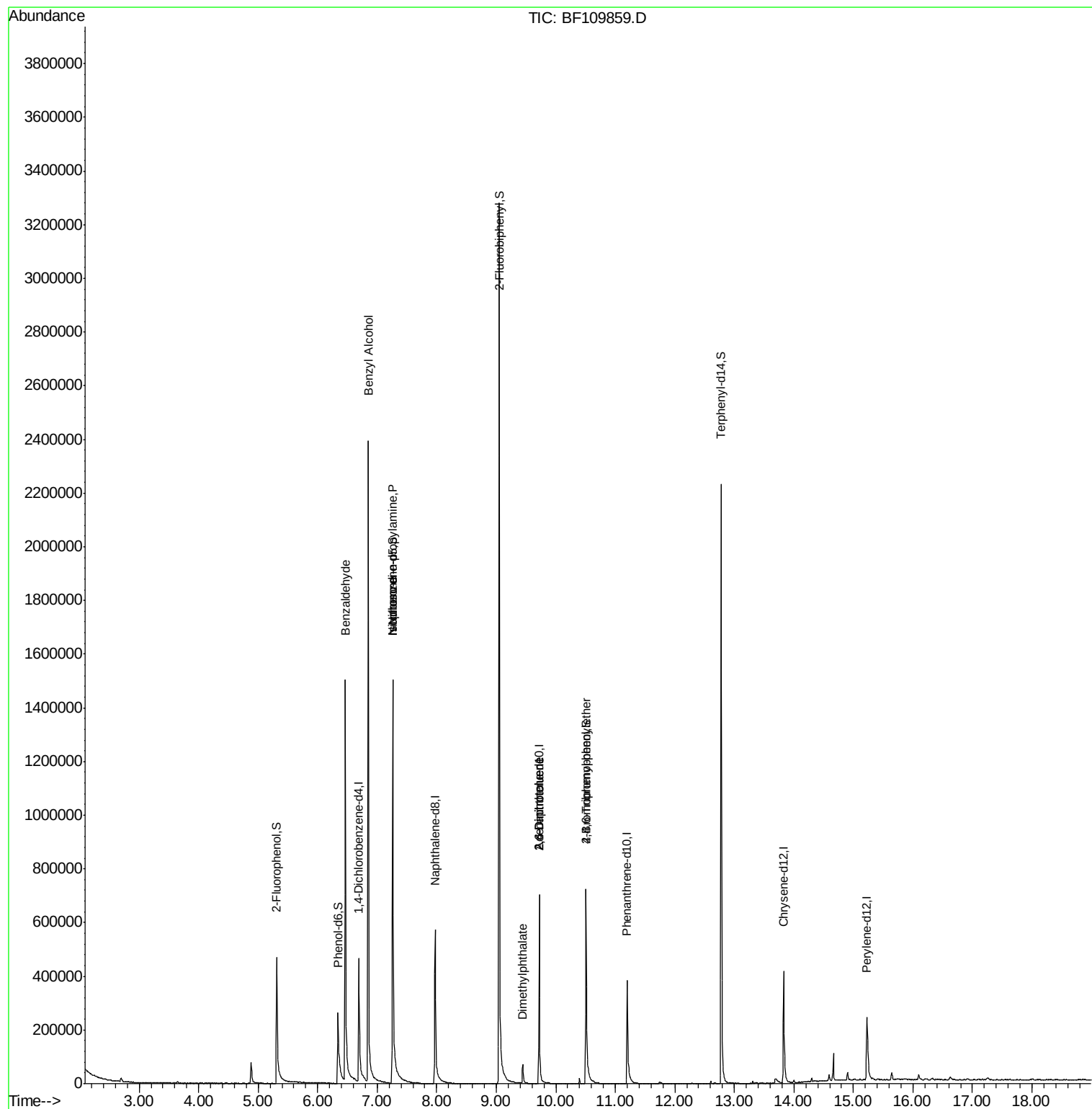
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	100362	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	383321	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	160379	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	245172	20.00	ng	0.00
75) Chrysene-d12	13.83	240	209040	20.00	ng	0.00
86) Perylene-d12	15.23	264	157357	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	213257	37.72	ng	-0.01
7) Phenol-d6	6.34	99	197989	26.21	ng	-0.02
23) Nitrobenzene-d5	7.26	82	740530	106.49	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	133382	76.33	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1260195	108.22	ng	0.00
78) Terphenyl-d14	12.78	244	857694	79.43	ng	0.00
Target Compounds						
9) Benzaldehyde	6.46	77	10722	2.206	ng	# 76
15) Benzyl Alcohol	6.85	79	11312	2.020	ng	# 54
19) n-Nitroso-di-n-propylamine	7.26	70	94712	17.881	ng	# 75
25) Isophorone	7.26	82	740527	64.130	ng	# 67
49) Dimethylphthalate	9.45	163	42635	3.625	ng	# 98
50) 2,6-Dinitrotoluene	9.72	165	19777	7.757	ng	# 21
56) 2,4-Dinitrotoluene	9.72	165	19778	6.216	ng	# 17
66) 4-Bromophenyl-phenylether	10.51	248	7872	2.794	ng	# 1

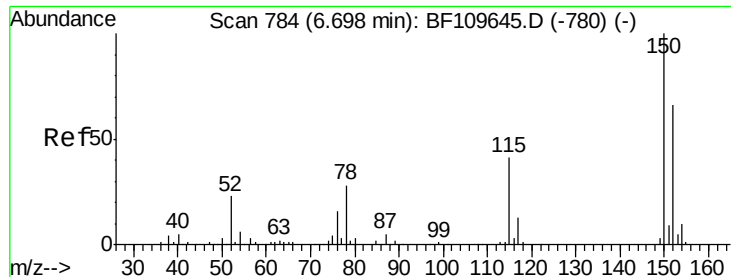
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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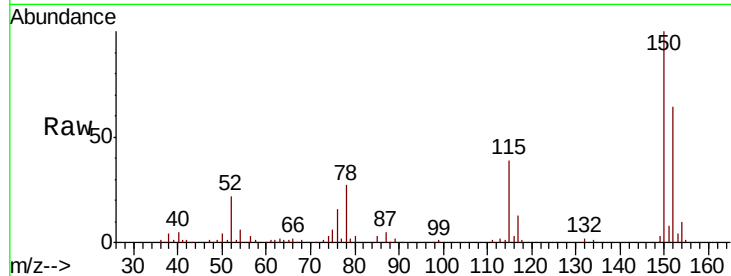




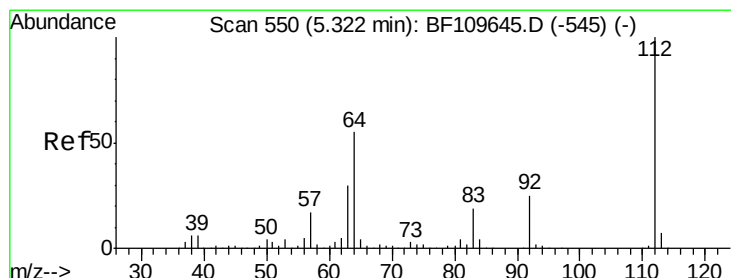
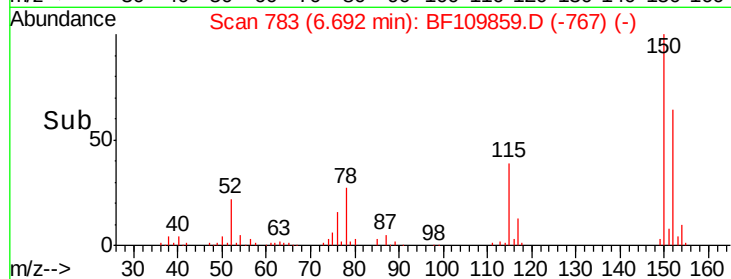
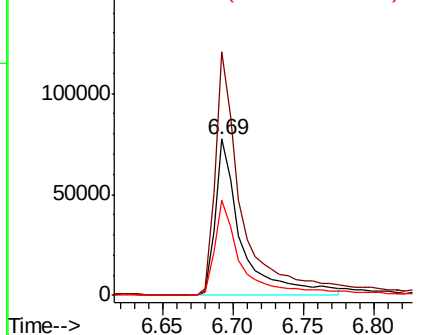
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF109859.D
 Acq: 13 Oct 2018 3:17

Instrument :
 BNA_F
 ClientSampleId :
 101018-SIDI-F-D-M

Tgt Ion:152 Resp: 100362
 Ion Ratio Lower Upper
 152 100
 150 155.8 122.7 184.1
 115 60.7 49.1 73.7

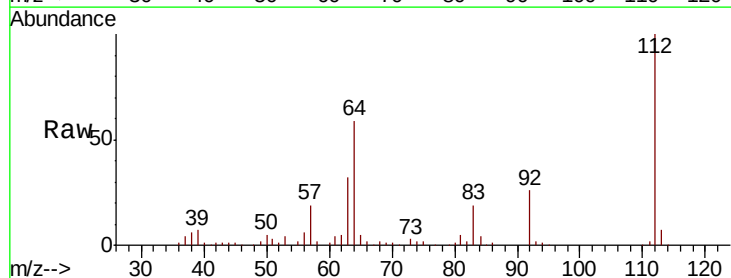


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

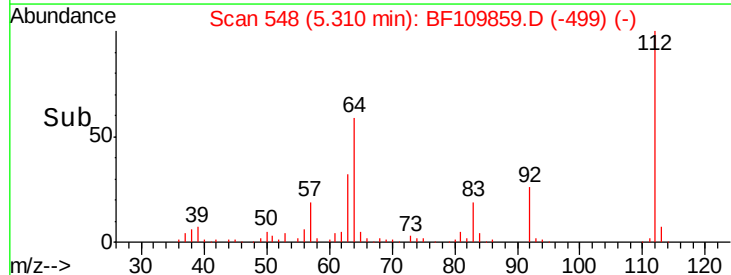
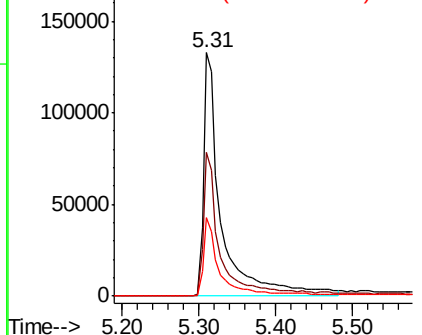


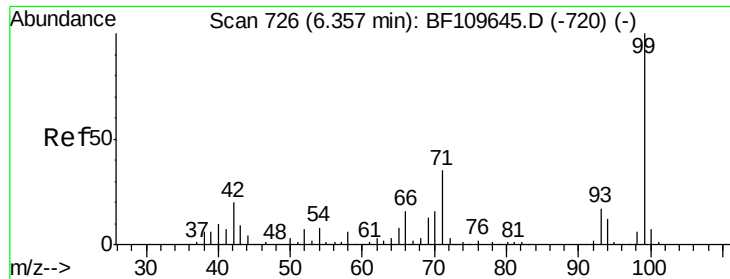
#5
 2-Fluorophenol
 Concen: 37.717 ng
 RT: 5.31 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF109859.D
 Acq: 13 Oct 2018 3:17

Tgt Ion:112 Resp: 213257
 Ion Ratio Lower Upper
 112 100
 64 59.1 44.1 66.1
 63 32.3 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: 26.212 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109859.D

Acq: 13 Oct 2018 3:17

Instrument :

BNA_F

ClientSampleId :

101018-SIDI-F-D-M

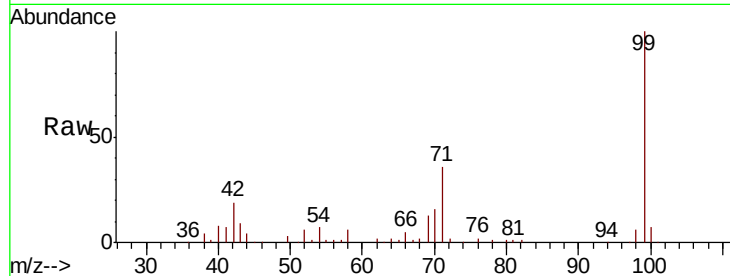
Tgt Ion: 99 Resp: 197989

Ion Ratio Lower Upper

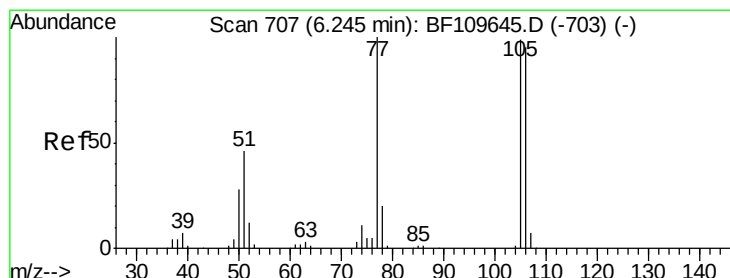
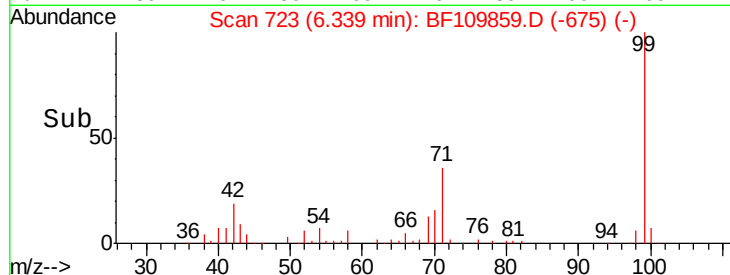
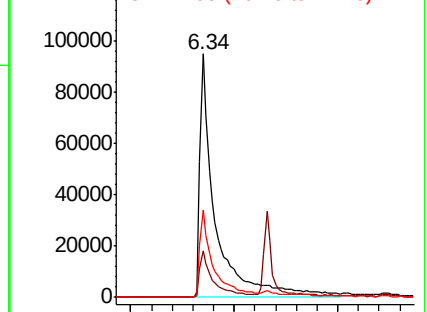
99 100

42 18.9 15.8 23.6

71 35.9 28.0 42.0



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: 2.206 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.22 min

Lab File: BF109859.D

Acq: 13 Oct 2018 3:17

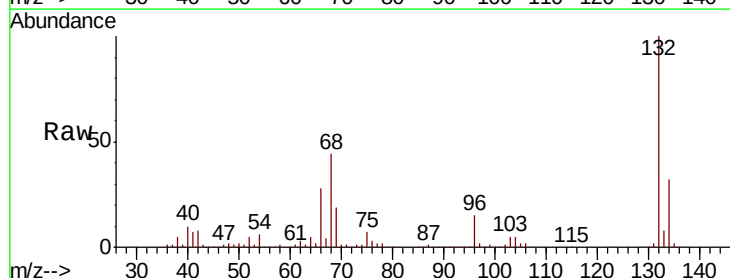
Tgt Ion: 77 Resp: 10722

Ion Ratio Lower Upper

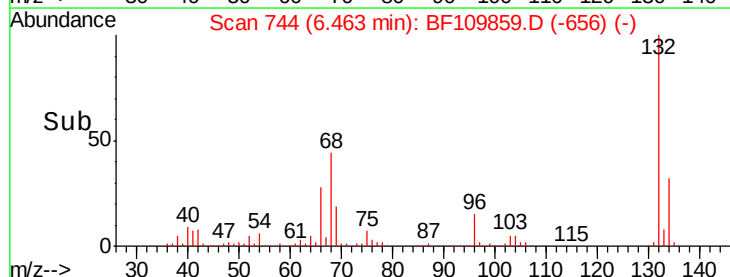
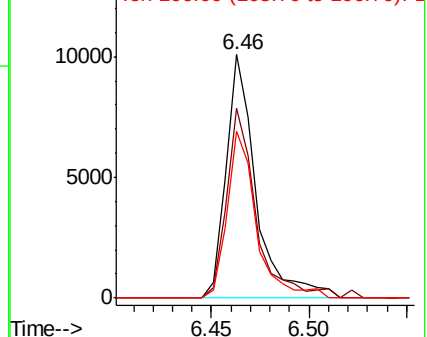
77 100

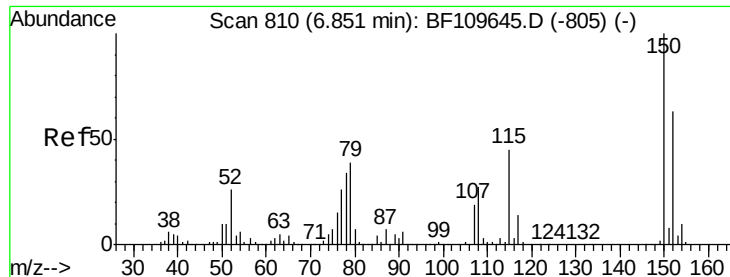
105 78.2 78.6 118.6#

106 68.3 74.8 114.8#



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





#15

Benzyl Alcohol

Concen: 2.020 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF109859.D

Acq: 13 Oct 2018 3:17

Instrument :

BNA_F

ClientSampleId :

101018-SIDI-F-D-M

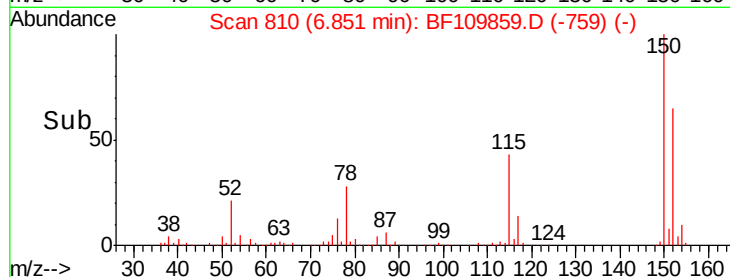
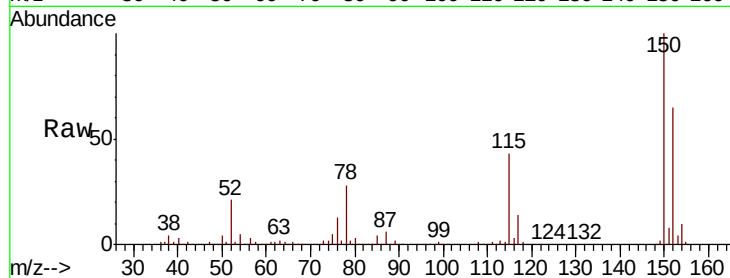
Tgt Ion: 79 Resp: 11312

Ion Ratio Lower Upper

79 100

108 28.3 56.3 84.5#

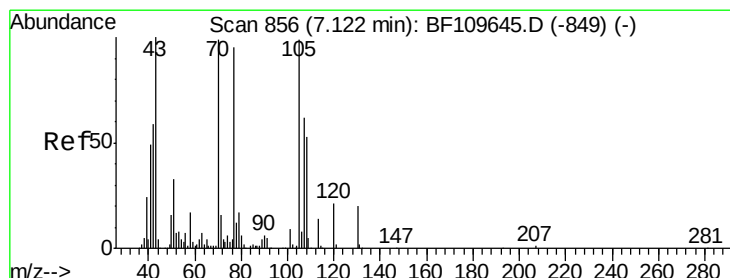
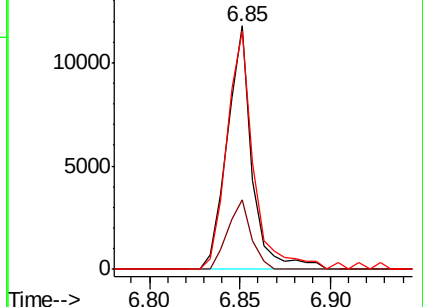
77 98.0 52.9 79.3#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 17.881 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.14 min

Lab File: BF109859.D

Acq: 13 Oct 2018 3:17

Tgt Ion: 70 Resp: 94712

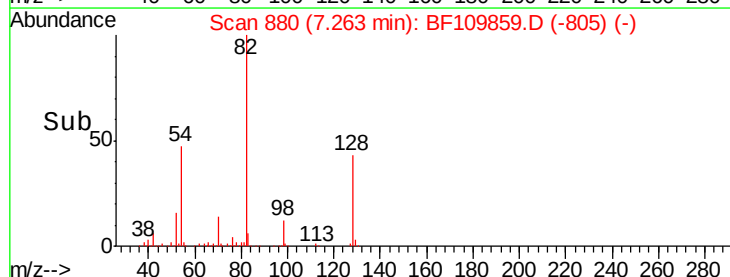
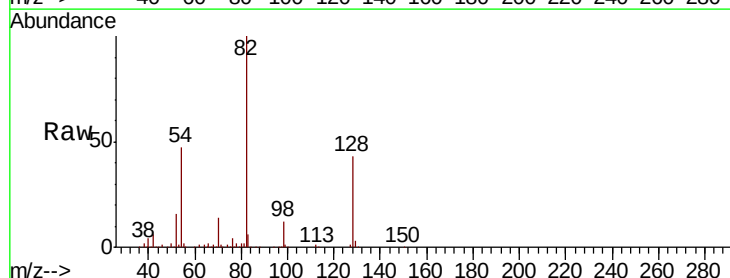
Ion Ratio Lower Upper

70 100

42 44.3 47.4 71.2#

101 0.0 7.3 10.9#

130 2.1 16.2 24.2#

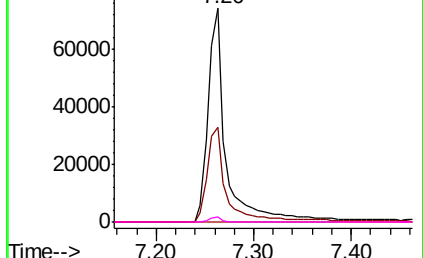


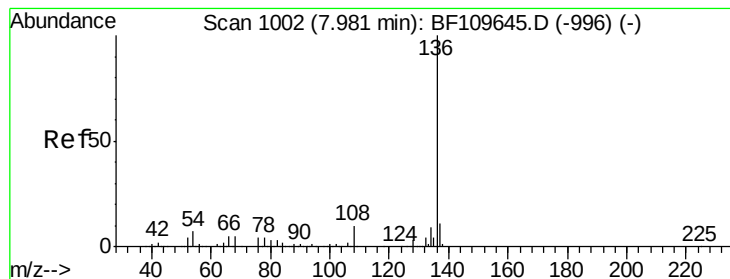
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109859.D

Acq: 13 Oct 2018 3:17

Instrument :

BNA_F

ClientSampleId :

101018-SIDI-F-D-M

Tgt Ion: 136 Resp: 383321

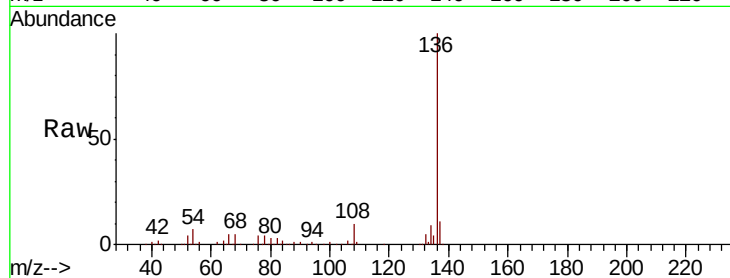
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 6.7 5.4 8.2

68 5.2 4.2 6.2

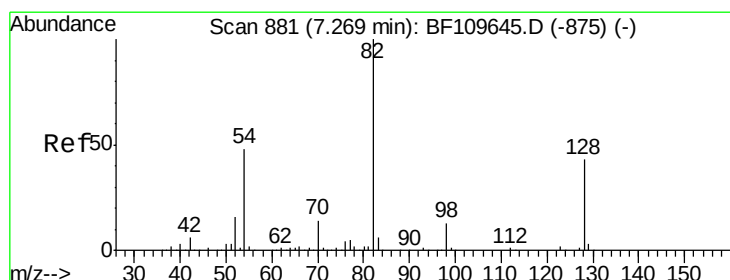
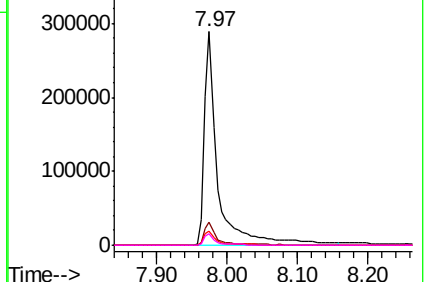
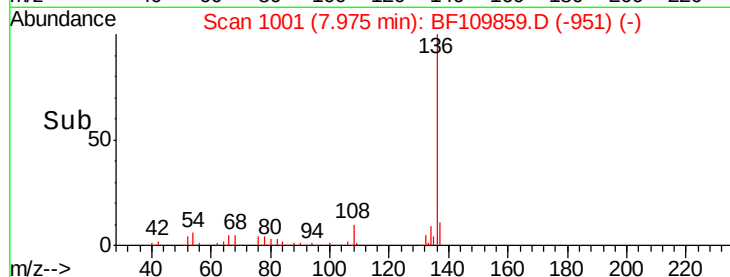


Abundance Ion 136.00 (135.70 to 136.70): E

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: 106.492 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF109859.D

Acq: 13 Oct 2018 3:17

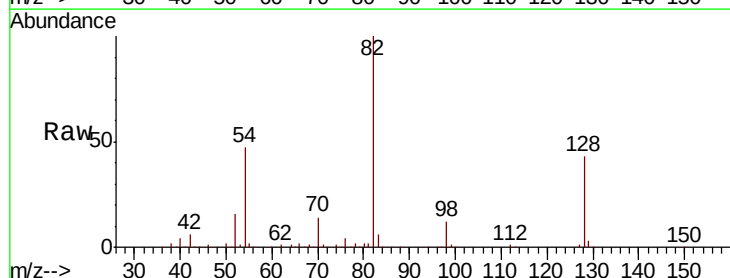
Tgt Ion: 82 Resp: 740530

Ion Ratio Lower Upper

82 100

128 43.2 34.2 51.2

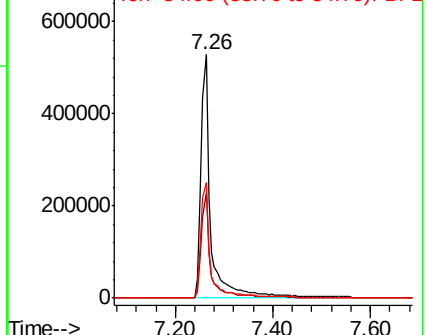
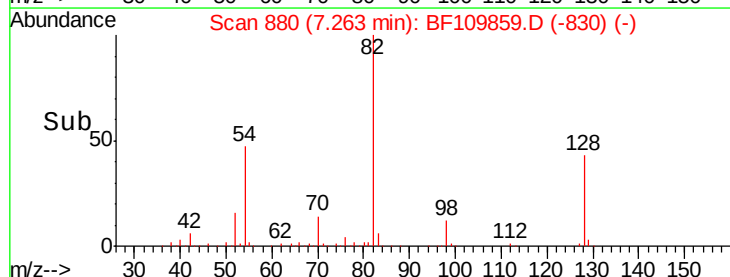
54 47.4 38.6 58.0

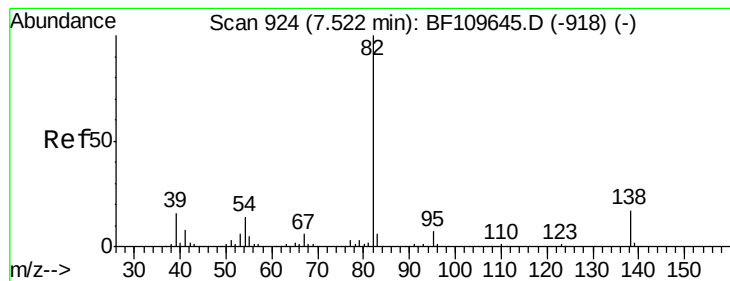


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 64.130 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.26 min

Lab File: BF109859.D

Acq: 13 Oct 2018 3:17

Instrument :

BNA_F

ClientSampleId :

101018-SIDI-F-D-M

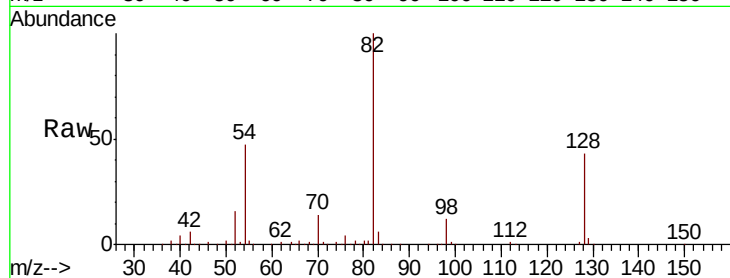
Tgt Ion: 82 Resp: 740527

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

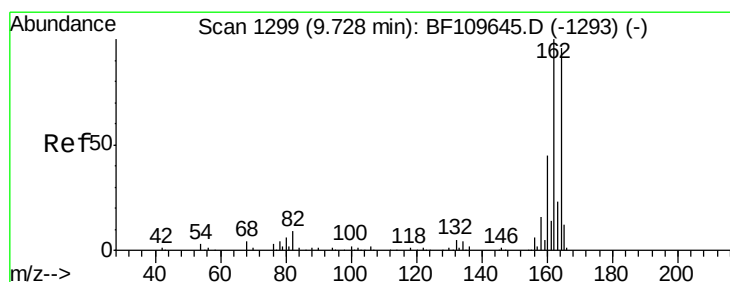
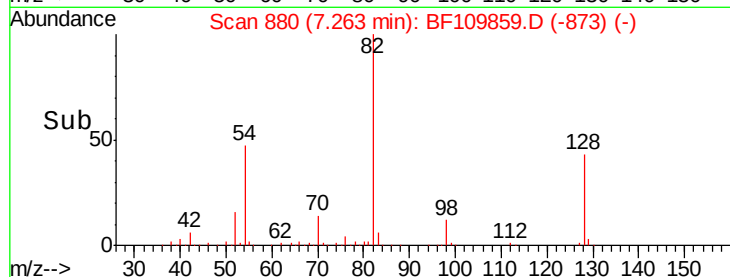
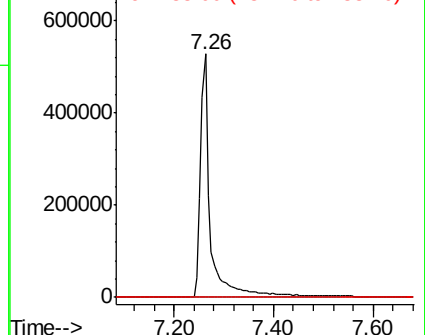
138 0.0 13.2 19.8#



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: 9.72 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF109859.D

Acq: 13 Oct 2018 3:17

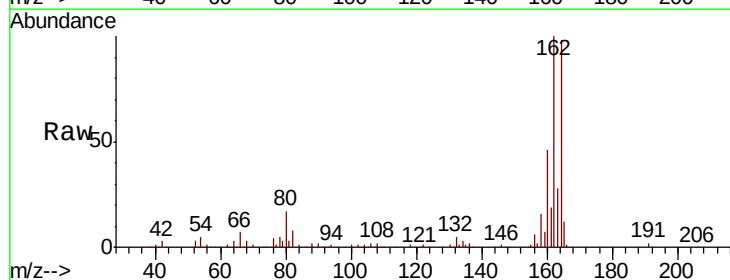
Tgt Ion: 164 Resp: 160379

Ion Ratio Lower Upper

164 100

162 101.9 83.0 124.6

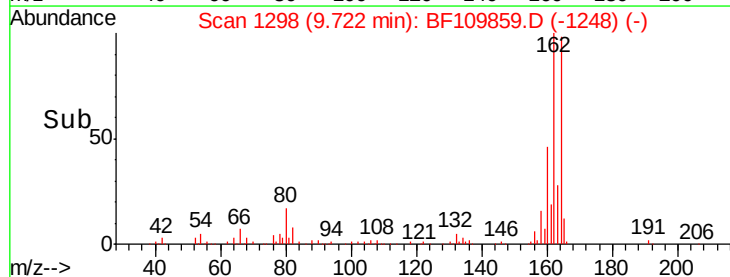
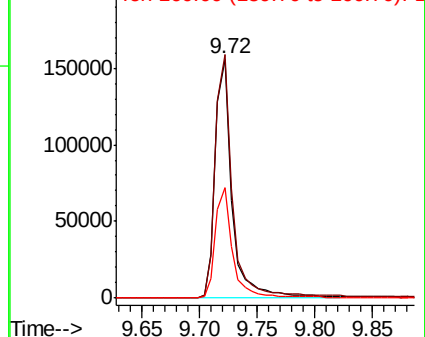
160 46.5 37.0 55.6

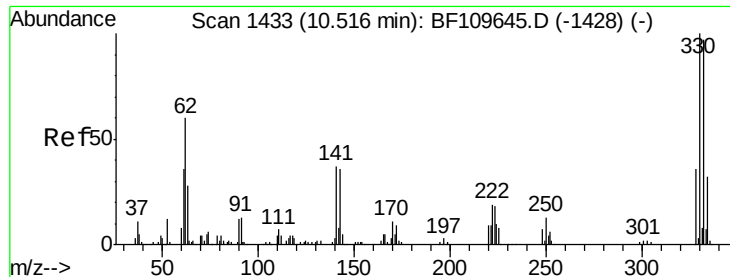


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

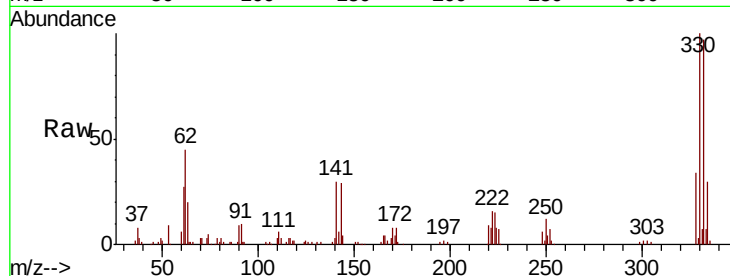




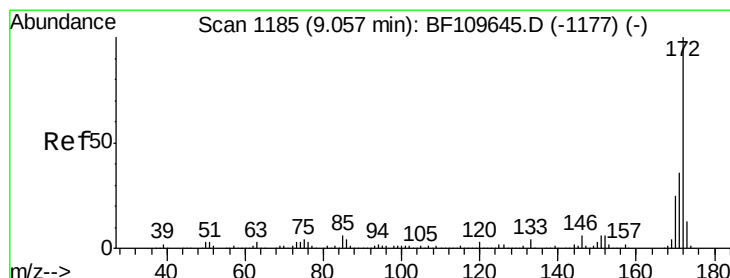
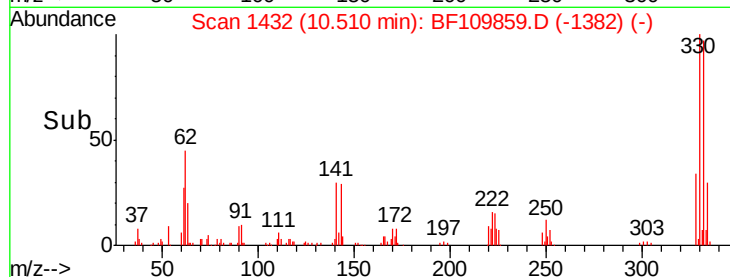
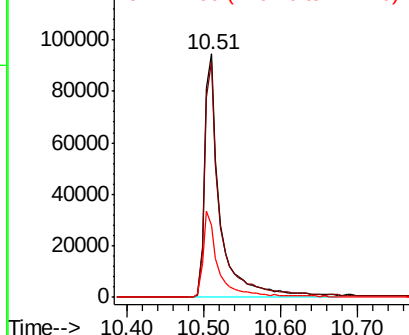
#41
 2,4,6-Tribromophenol
 Concen: 76.327 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109859.D
 Acq: 13 Oct 2018 3:17

Instrument :
 BNA_F
 ClientSampleId :
 101018-SIDI-F-D-M

Tgt Ion:330 Resp: 133382
 Ion Ratio Lower Upper
 330 100
 332 98.3 77.1 115.7
 141 34.8 27.0 40.4

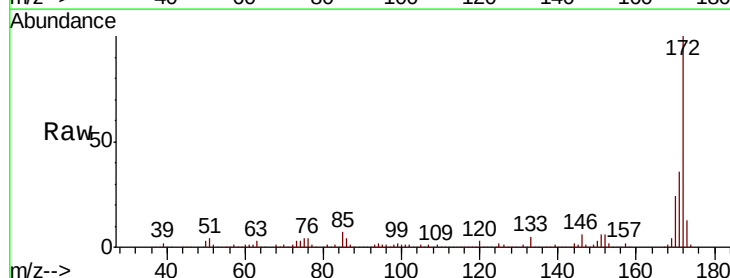


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

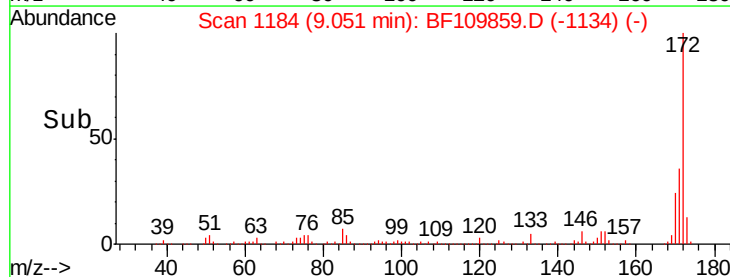
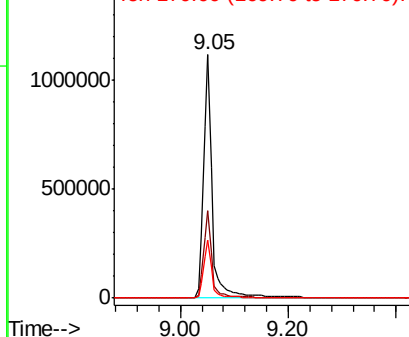


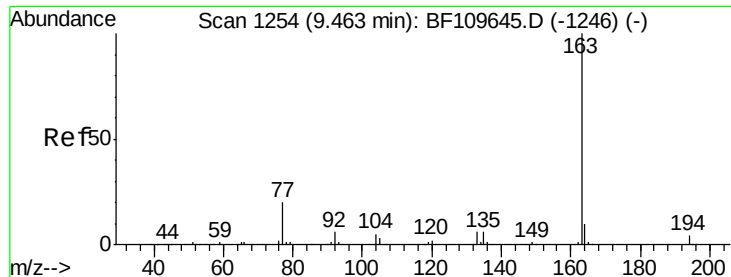
#44
 2-Fluorobiphenyl
 Concen: 108.219 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109859.D
 Acq: 13 Oct 2018 3:17

Tgt Ion:172 Resp: 1260195
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 43.0
 170 24.0 19.7 29.5



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

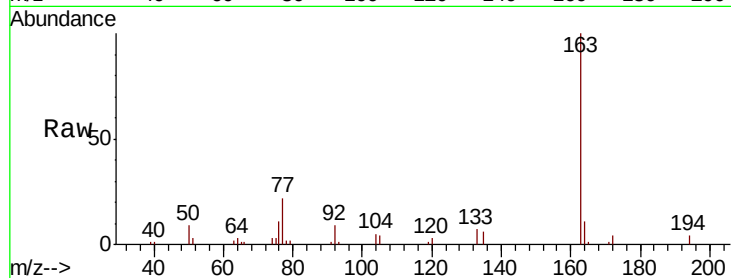




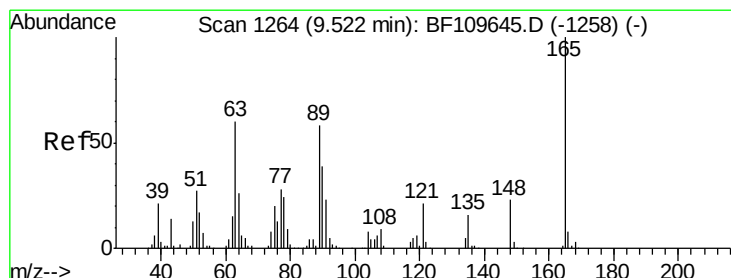
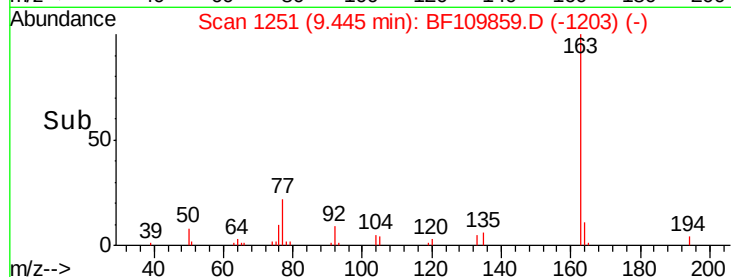
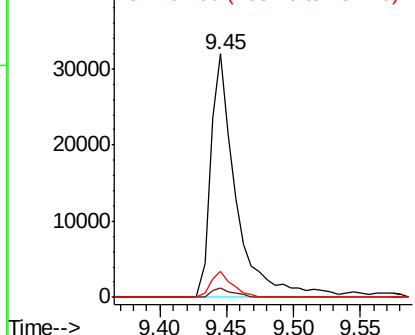
#49
Dimethylphthalate
Concen: 3.625 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109859.D
Acq: 13 Oct 2018 3:17

Instrument :
BNA_F
ClientSampleId :
101018-SIDI-F-D-M

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	10.8	8.1	12.1

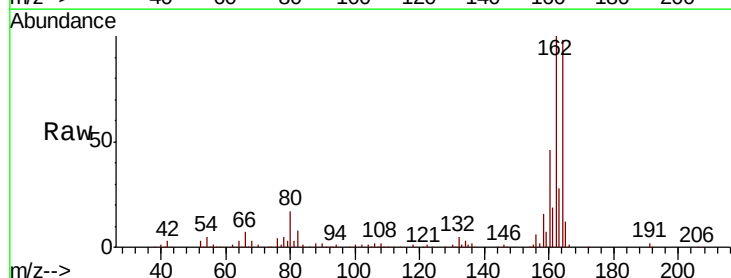


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

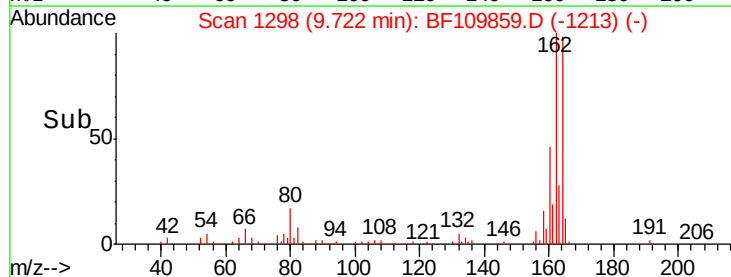
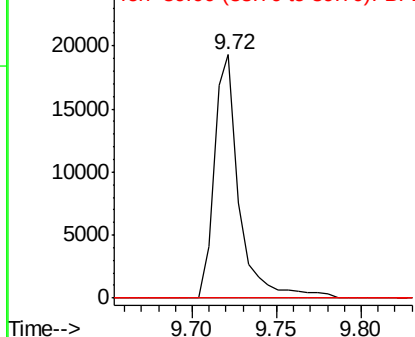


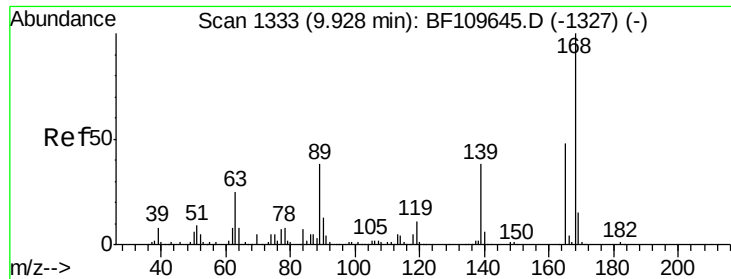
#50
2,6-Dinitrotoluene
Concen: 7.757 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.20 min
Lab File: BF109859.D
Acq: 13 Oct 2018 3:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	0.0	46.6	69.8#



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

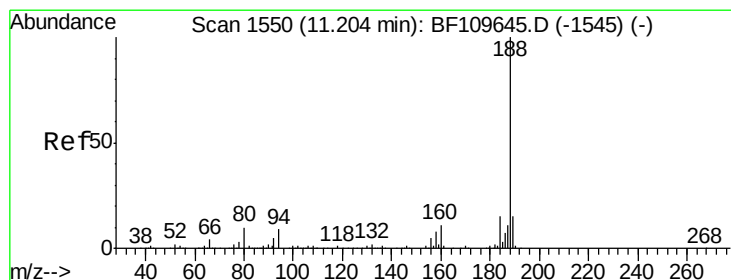
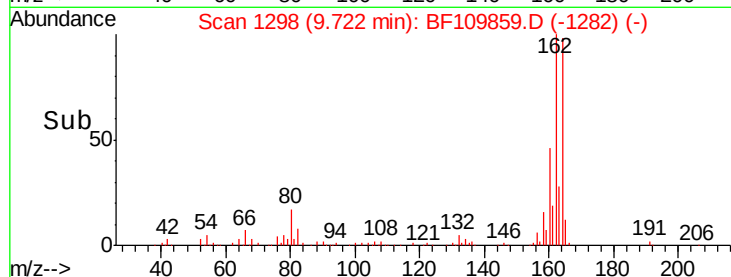
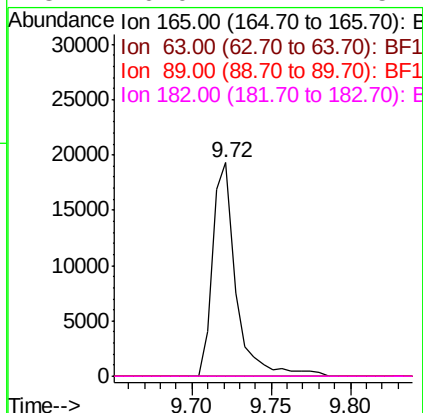
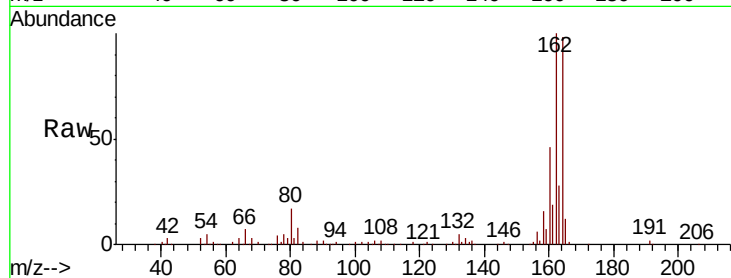




#56
 2,4-Dinitrotoluene
 Concen: 6.216 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.21 min
 Lab File: BF109859.D
 Acq: 13 Oct 2018 3:17

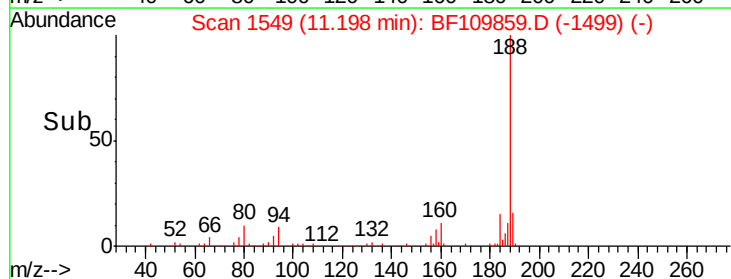
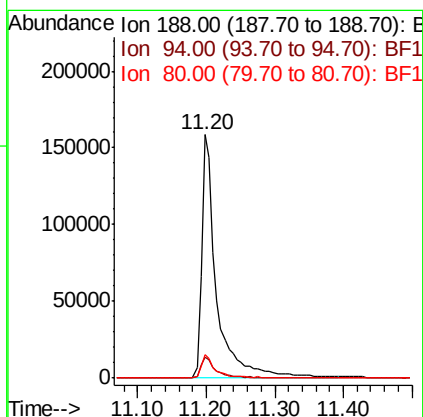
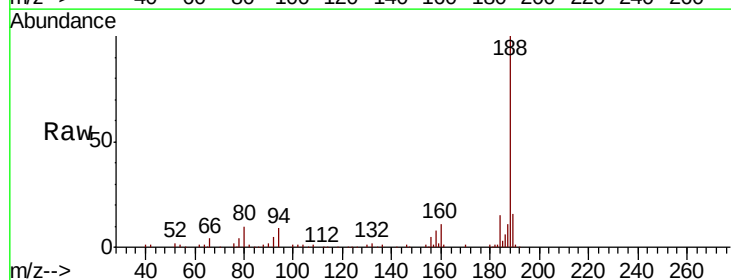
Instrument :
 BNA_F
 ClientSampleId :
 101018-SIDI-F-D-M

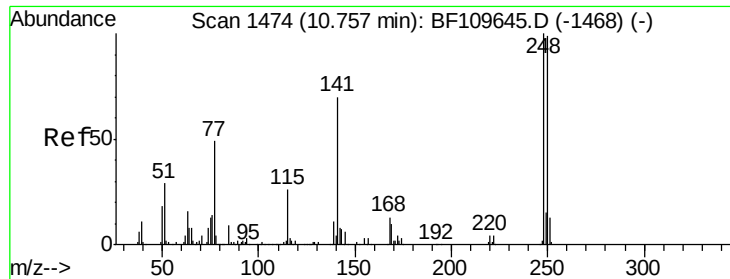
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF109859.D
 Acq: 13 Oct 2018 3:17

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	9.8	7.9	11.9

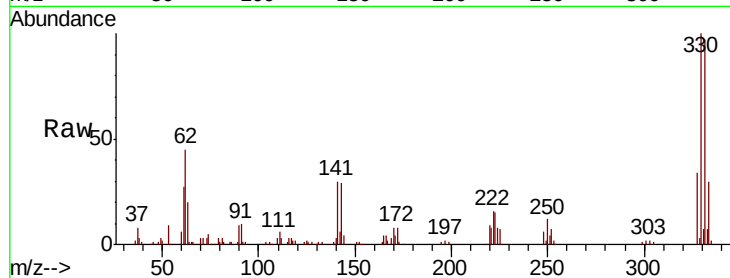




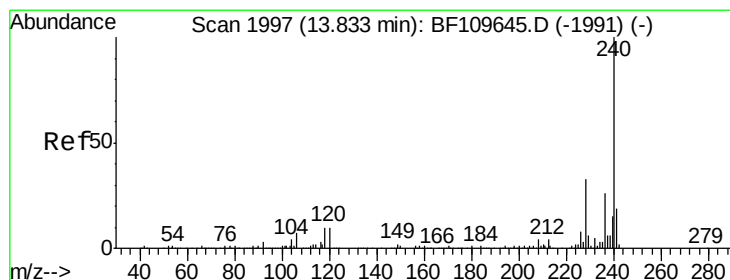
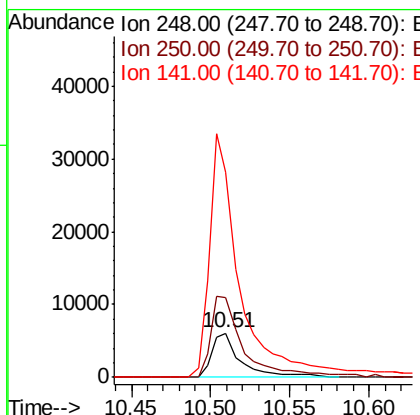
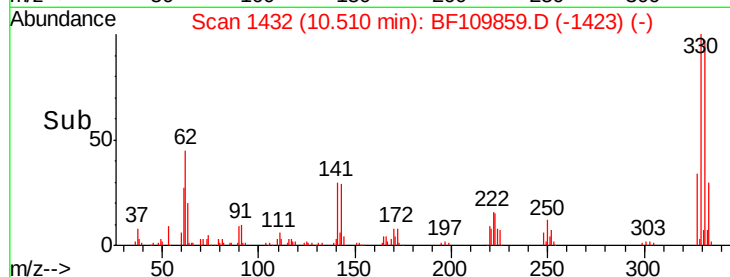
#66
 4-Bromophenyl-phenylether
 Concen: 2.794 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.25 min
 Lab File: BF109859.D
 Acq: 13 Oct 2018 3:17

Instrument :
 BNA_F
 ClientSampleId :
 101018-SIDI-F-D-M

Tgt Ion:248 Resp: 7872
 Ion Ratio Lower Upper
 248 100
 250 181.2 79.4 119.2#
 141 462.1 55.9 83.9#

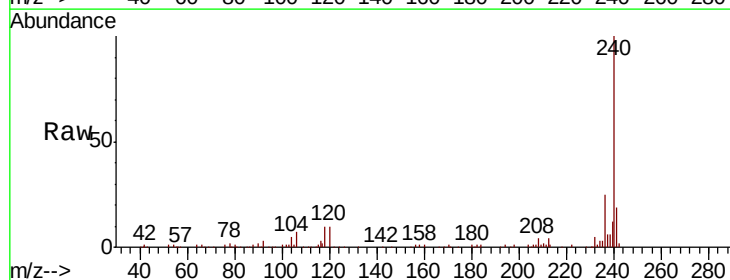


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

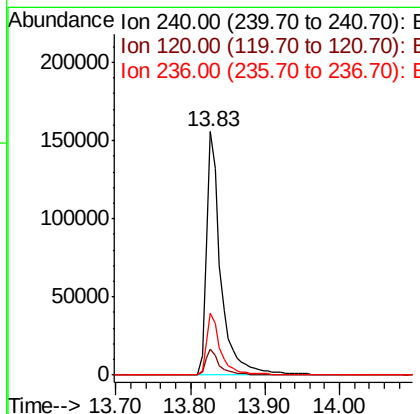
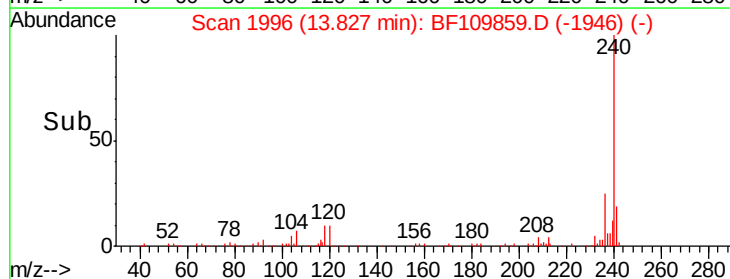


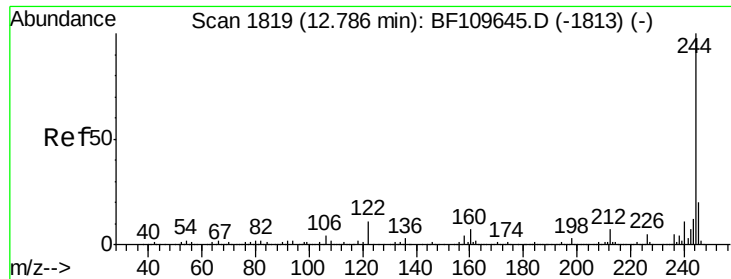
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF109859.D
 Acq: 13 Oct 2018 3:17

Tgt Ion:240 Resp: 209040
 Ion Ratio Lower Upper
 240 100
 120 10.5 8.3 12.5
 236 25.4 21.2 31.8



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: 79.428 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109859.D

Acq: 13 Oct 2018 3:17

Instrument :

BNA_F

ClientSampleId :

101018-SIDI-F-D-M

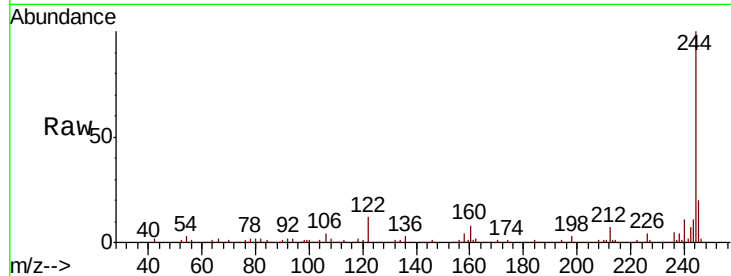
Tgt Ion:244 Resp: 857694

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

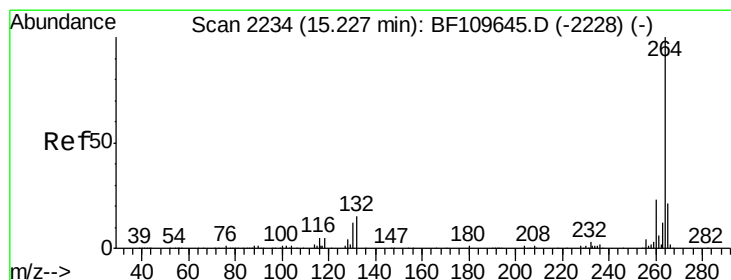
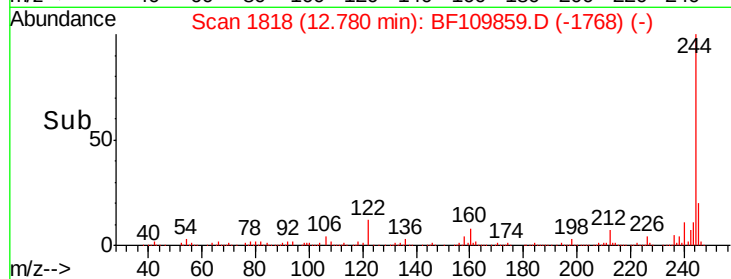
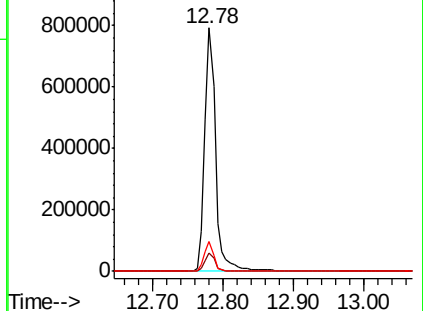
122 12.1 8.7 13.1



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: 15.23 min Scan# 2234

Delta R.T. -0.00 min

Lab File: BF109859.D

Acq: 13 Oct 2018 3:17

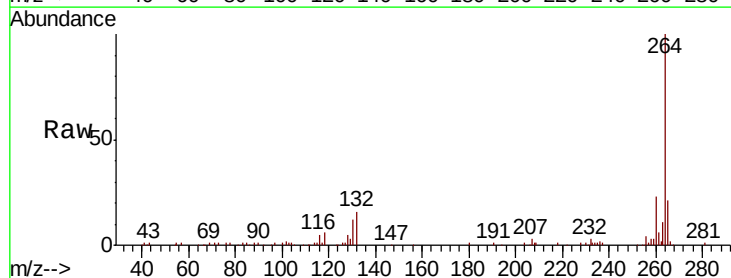
Tgt Ion:264 Resp: 157357

Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 20.7 16.7 25.1



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

