

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101218\
 Data File : BF109858.D
 Acq On : 13 Oct 2018 2:50
 Operator : JU/SJ
 Sample : J5444-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

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

Quant Time: Oct 13 03:55:07 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

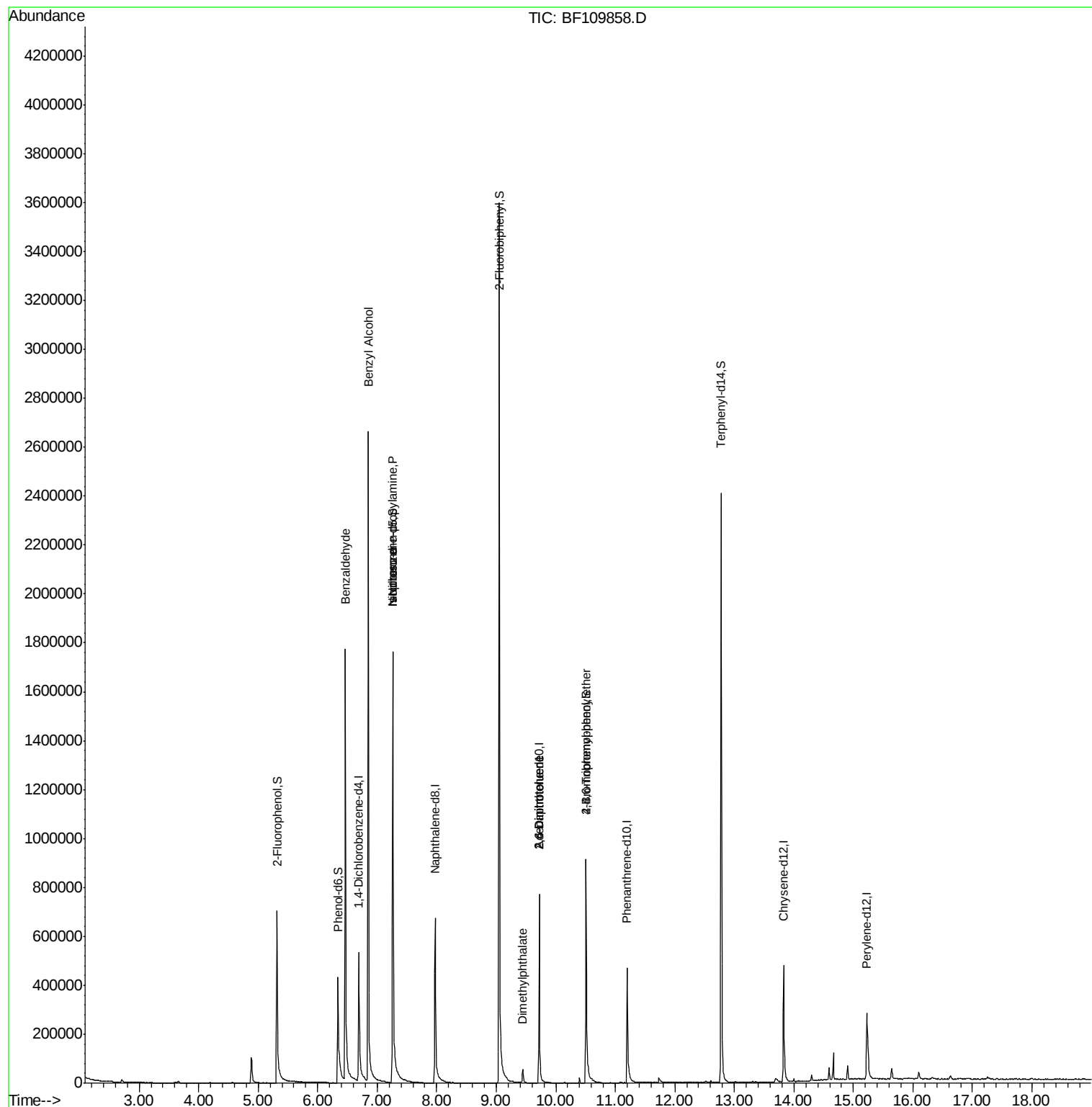
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	111657	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	442484	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	176443	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	270398	20.00	ng	0.00
75) Chrysene-d12	13.83	240	226787	20.00	ng	0.00
86) Perylene-d12	15.23	264	170027	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	285865	45.44	ng	0.00
7) Phenol-d6	6.34	99	260882	31.05	ng	-0.02
23) Nitrobenzene-d5	7.26	82	840476	104.70	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	160411	83.44	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1422789	111.06	ng	0.00
78) Terphenyl-d14	12.78	244	960167	81.96	ng	0.00
Target Compounds						
9) Benzaldehyde	6.46	77	13507	2.498	ng	# 74
15) Benzyl Alcohol	6.85	79	13638	2.189	ng	# 53
19) n-Nitroso-di-n-propylamine	7.26	70	110392	18.733	ng	# 80
25) Isophorone	7.26	82	840473	63.053	ng	# 67
49) Dimethylphthalate	9.45	163	34349	2.654	ng	# 97
50) 2,6-Dinitrotoluene	9.72	165	21773	7.762	ng	# 22
56) 2,4-Dinitrotoluene	9.72	165	21774	6.220	ng	# 18
66) 4-Bromophenyl-phenylether	10.51	248	8873	2.856	ng	# 1

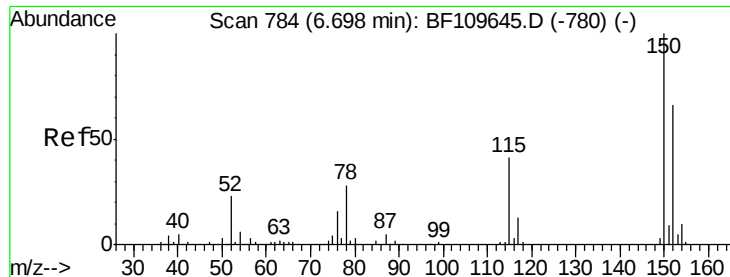
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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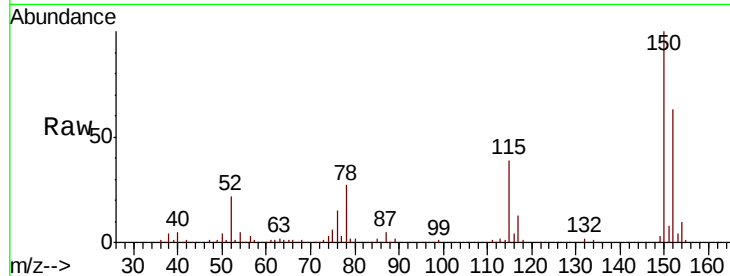


#1

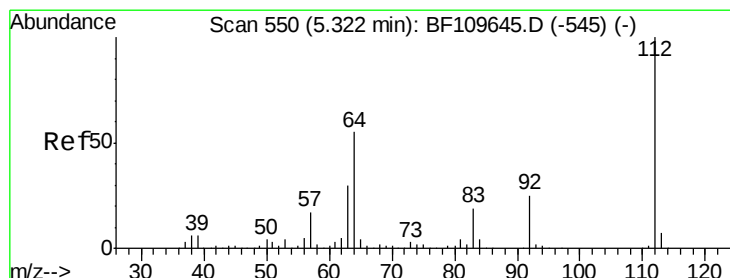
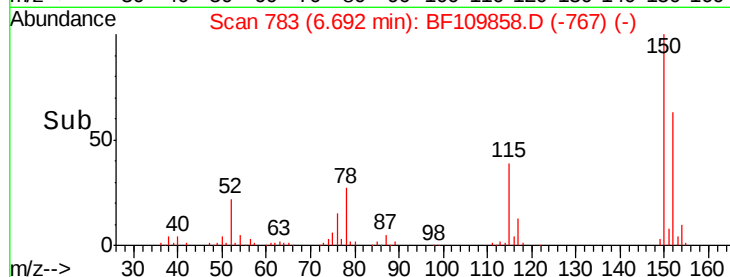
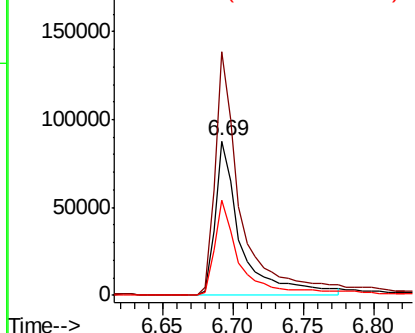
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF109858.D
 Acq: 13 Oct 2018 2:50

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

Tgt Ion:152 Resp: 111657
 Ion Ratio Lower Upper
 152 100
 150 157.9 122.7 184.1
 115 61.7 49.1 73.7



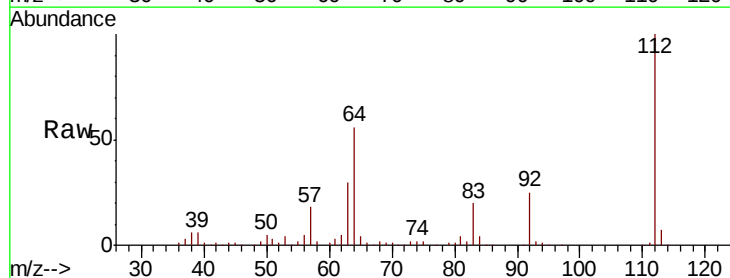
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



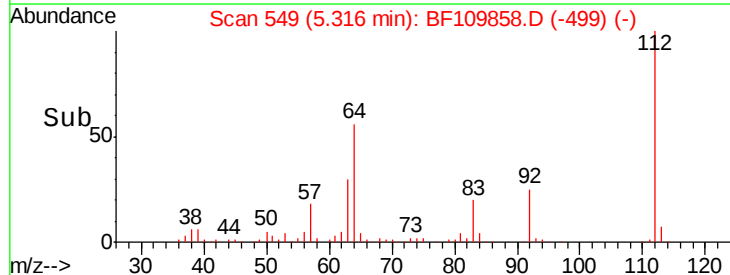
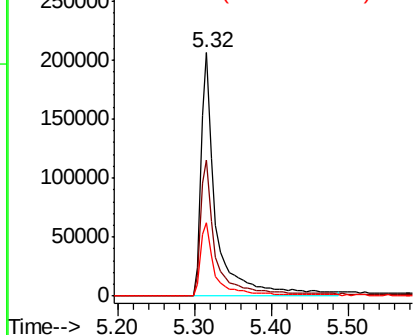
#5

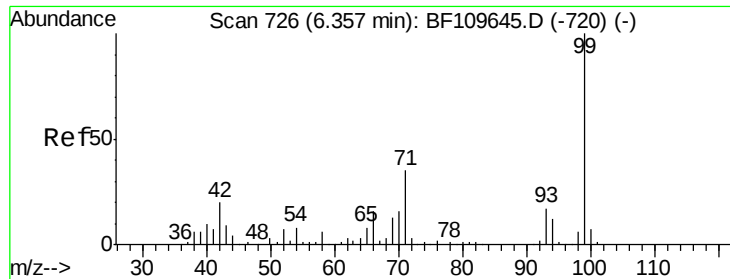
2-Fluorophenol
 Concen: 45.444 ng
 RT: 5.32 min Scan# 549
 Delta R.T. -0.00 min
 Lab File: BF109858.D
 Acq: 13 Oct 2018 2:50

Tgt Ion:112 Resp: 285865
 Ion Ratio Lower Upper
 112 100
 64 55.7 44.1 66.1
 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: 31.045 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109858.D

Acq: 13 Oct 2018 2:50

Instrument :

BNA_F

ClientSampleId :

101018-SIDI-F-D-B

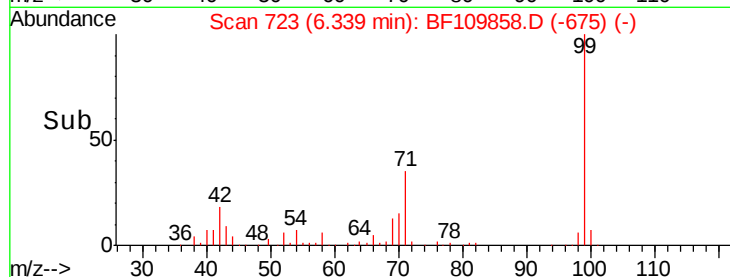
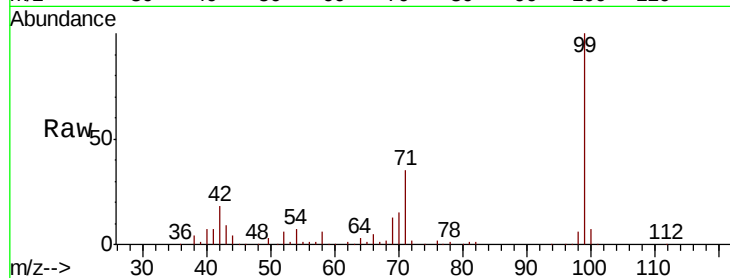
Tgt Ion: 99 Resp: 260882

Ion Ratio Lower Upper

99 100

42 18.1 15.8 23.6

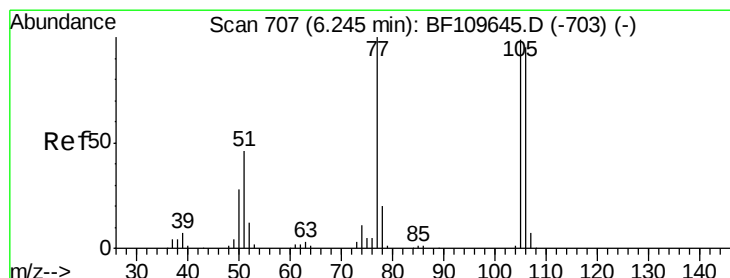
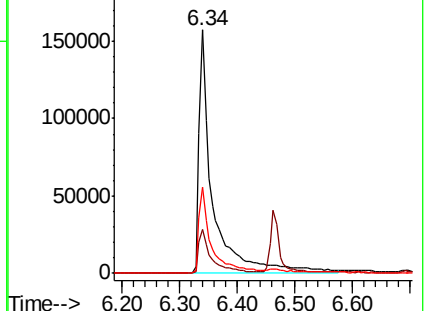
71 35.5 28.0 42.0



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: 2.498 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.22 min

Lab File: BF109858.D

Acq: 13 Oct 2018 2:50

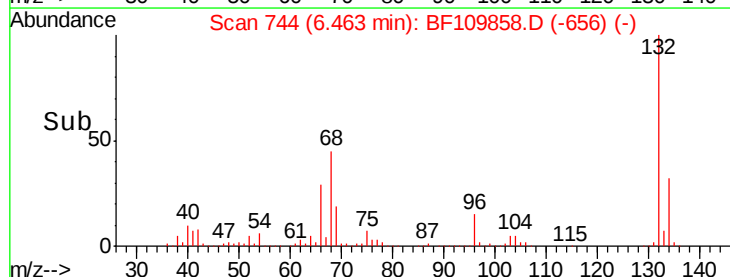
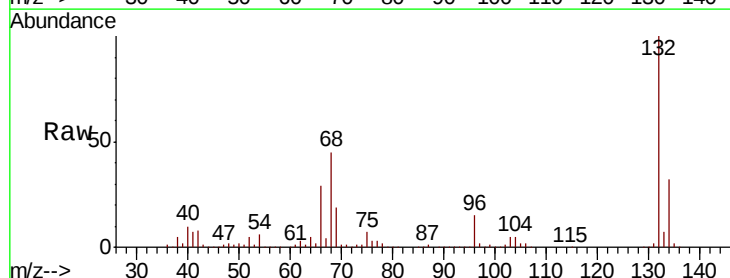
Tgt Ion: 77 Resp: 13507

Ion Ratio Lower Upper

77 100

105 76.3 78.6 118.6#

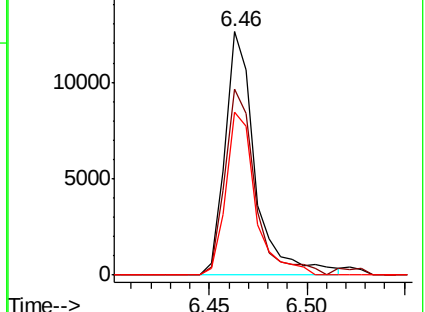
106 66.9 74.8 114.8#

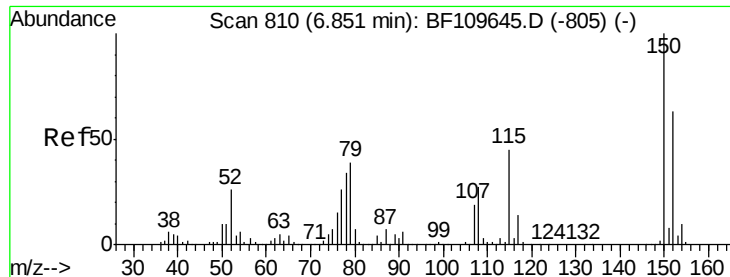


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.189 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF109858.D

Acq: 13 Oct 2018 2:50

Instrument :

BNA_F

ClientSampleId :

101018-SIDI-F-D-B

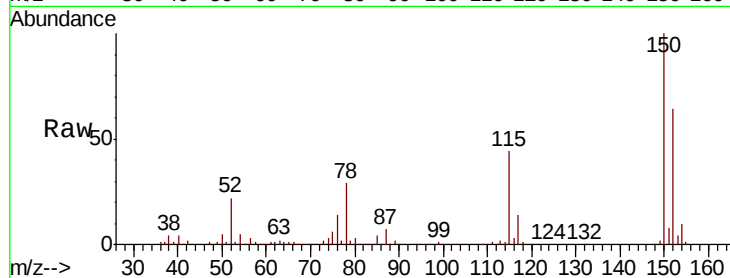
Tgt Ion: 79 Resp: 13638

Ion Ratio Lower Upper

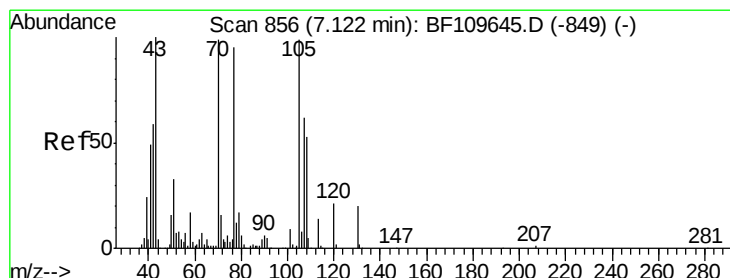
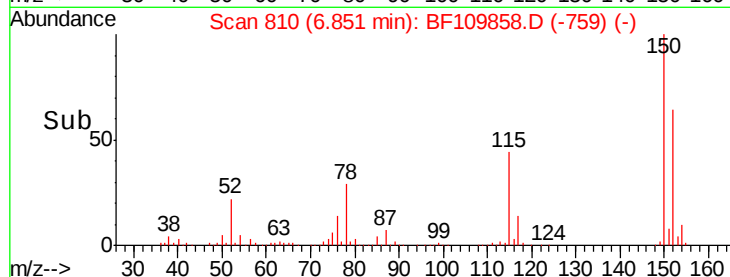
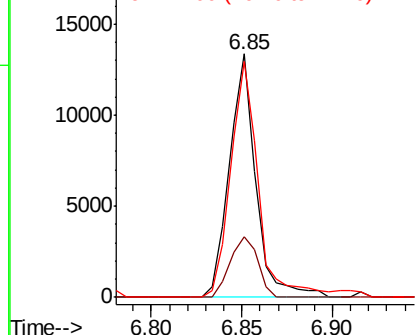
79 100

108 24.6 56.3 84.5#

77 96.8 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: 18.733 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.14 min

Lab File: BF109858.D

Acq: 13 Oct 2018 2:50

Tgt Ion: 70 Resp: 110392

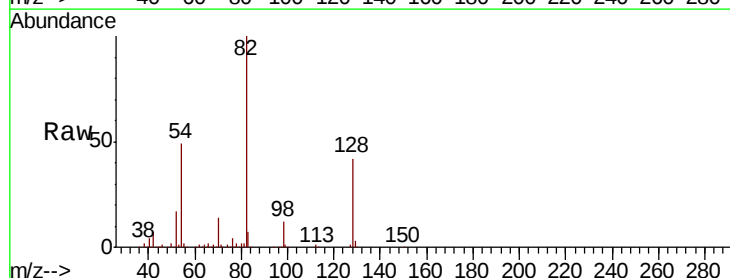
Ion Ratio Lower Upper

70 100

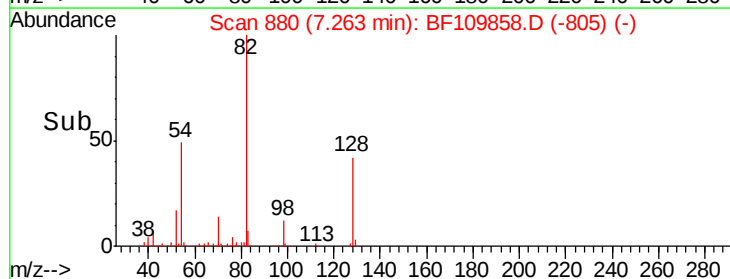
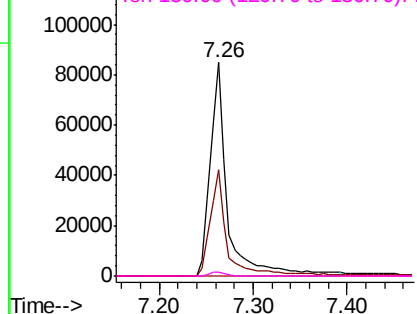
42 49.5 47.4 71.2

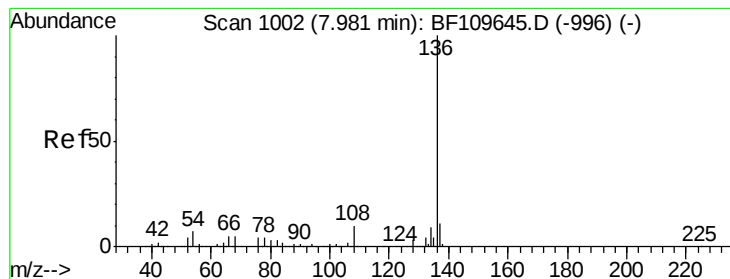
101 0.0 7.3 10.9#

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: BF109858.D

Acq: 13 Oct 2018 2:50

Instrument :

BNA_F

ClientSampleId :

101018-SIDI-F-D-B

Tgt Ion: 136 Resp: 442484

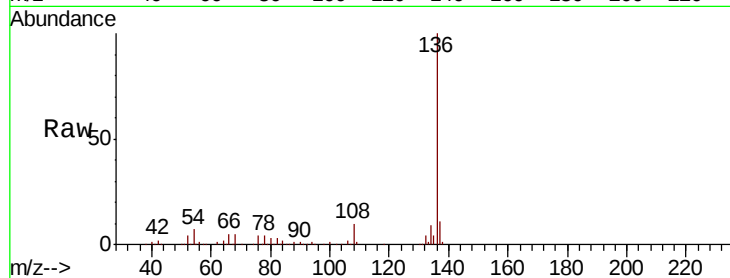
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 6.8 5.4 8.2

68 4.9 4.2 6.2

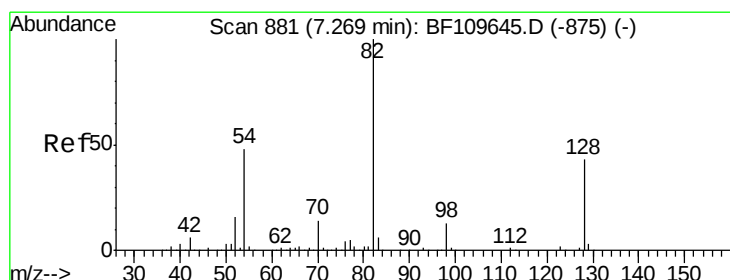
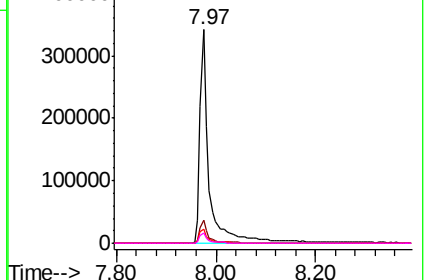
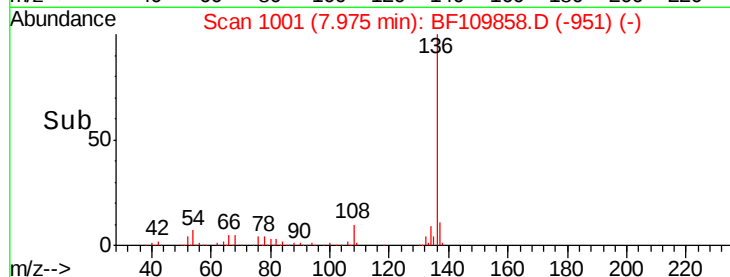


Abundance Ion 136.00 (135.70 to 136.70): E

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: 104.704 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF109858.D

Acq: 13 Oct 2018 2:50

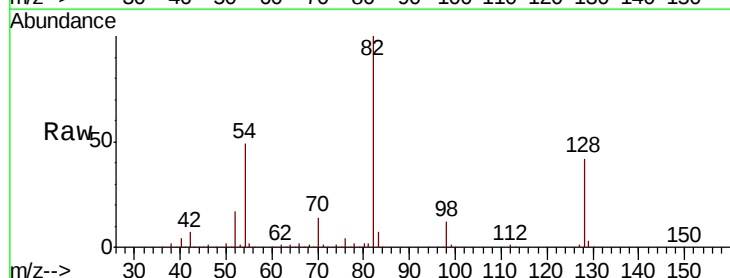
Tgt Ion: 82 Resp: 840476

Ion Ratio Lower Upper

82 100

128 42.3 34.2 51.2

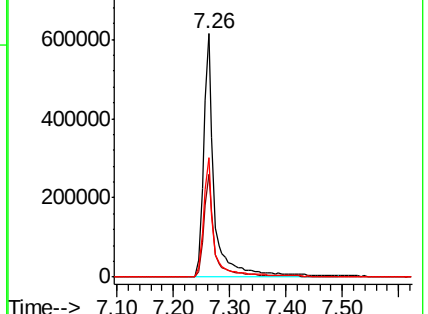
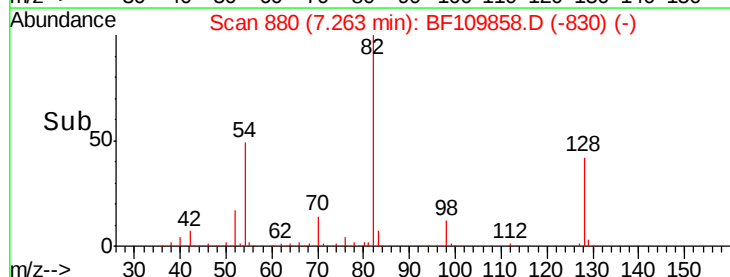
54 49.1 38.6 58.0

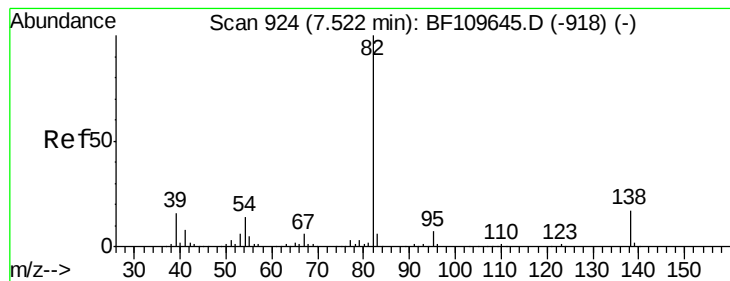


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 63.053 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.26 min

Lab File: BF109858.D

Acq: 13 Oct 2018 2:50

Instrument :

BNA_F

ClientSampleId :

101018-SIDI-F-D-B

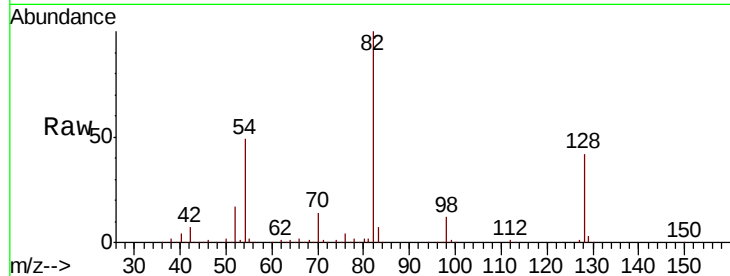
Tgt Ion: 82 Resp: 840473

Ion Ratio Lower Upper

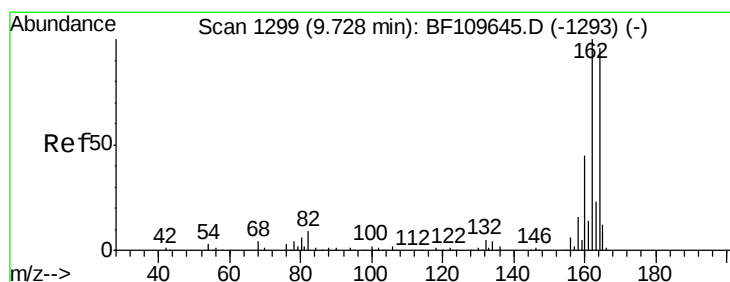
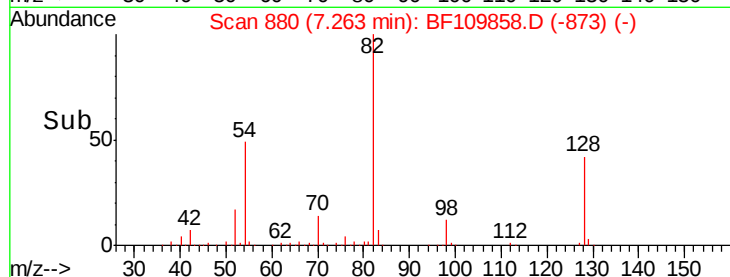
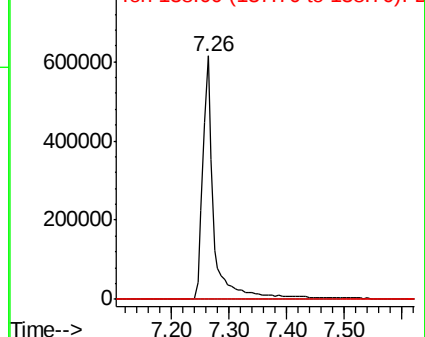
82 100

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: BF109858.D

Acq: 13 Oct 2018 2:50

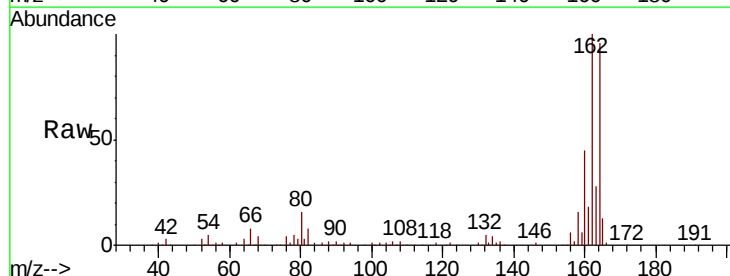
Tgt Ion: 164 Resp: 176443

Ion Ratio Lower Upper

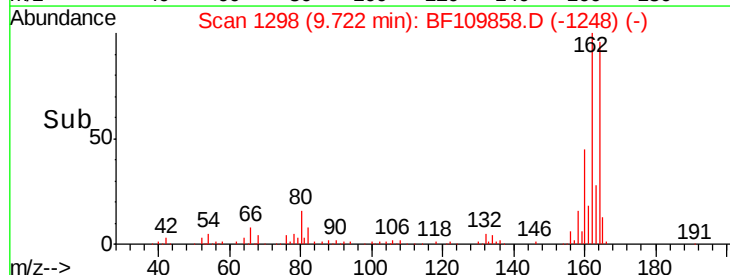
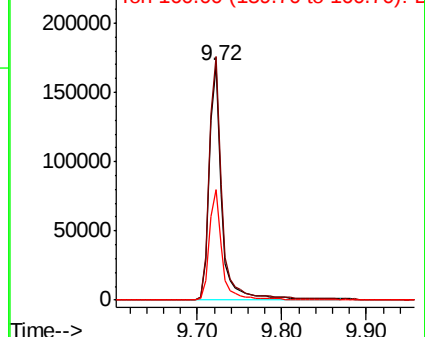
164 100

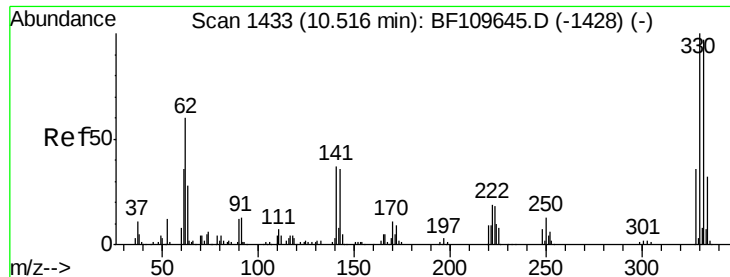
162 103.8 83.0 124.6

160 47.1 37.0 55.6



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

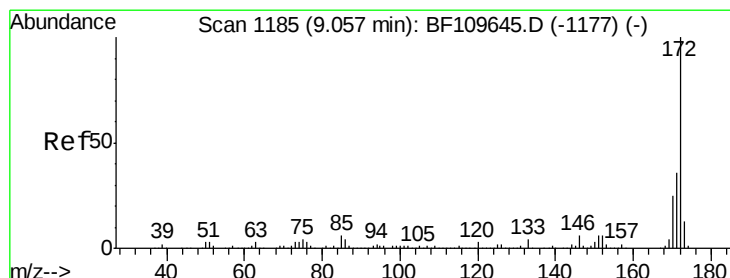
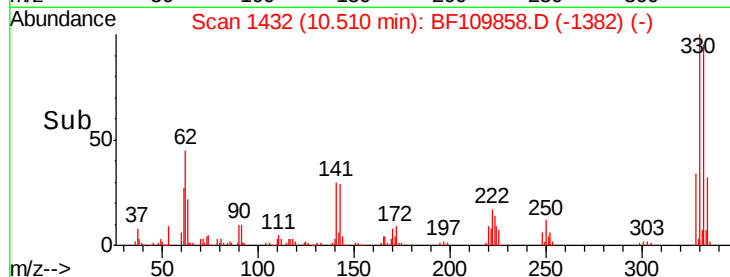
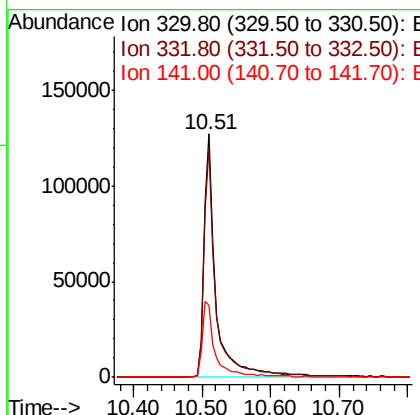
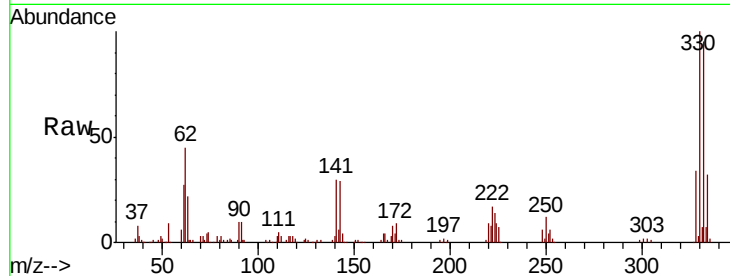




#41
 2,4,6-Tribromophenol
 Concen: 83.437 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109858.D
 Acq: 13 Oct 2018 2:50

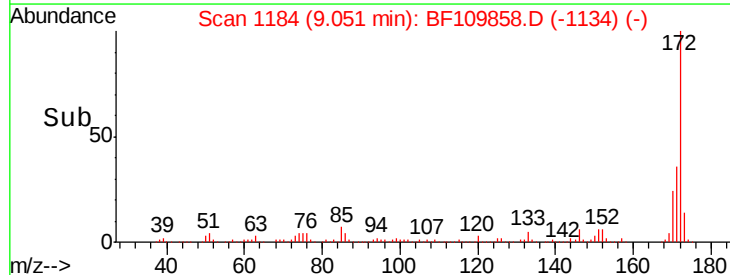
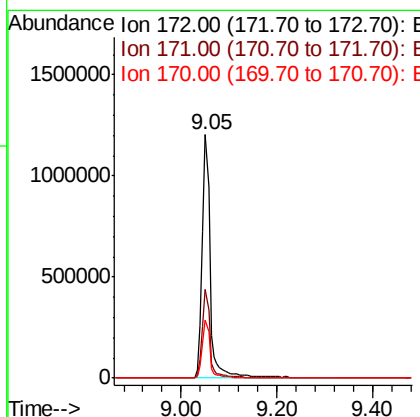
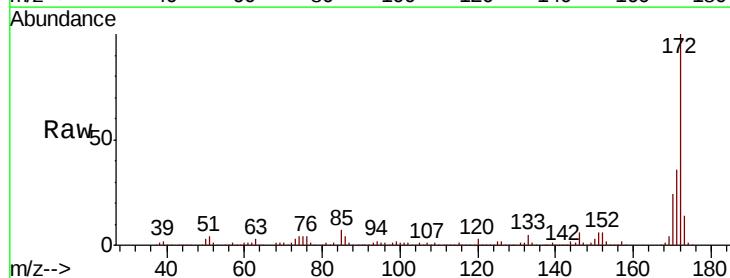
Instrument :
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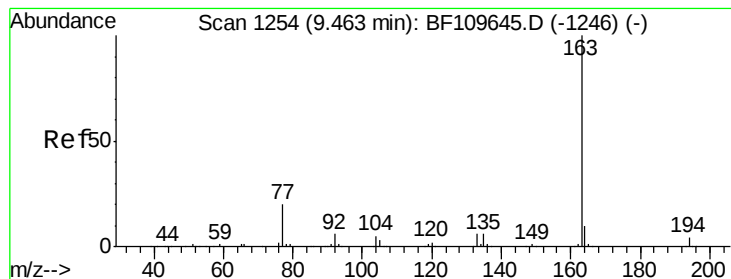
Tgt Ion:330 Resp: 160411
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.1 115.7
 141 34.1 27.0 40.4



#44
 2-Fluorobiphenyl
 Concen: 111.058 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109858.D
 Acq: 13 Oct 2018 2:50

Tgt Ion:172 Resp: 1422789
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.6 43.0
 170 24.0 19.7 29.5





#49

Dimethylphthalate

Concen: 2.654 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.02 min

Lab File: BF109858.D

Acq: 13 Oct 2018 2:50

Instrument :

BNA_F

ClientSampleId :

101018-SIDI-F-D-B

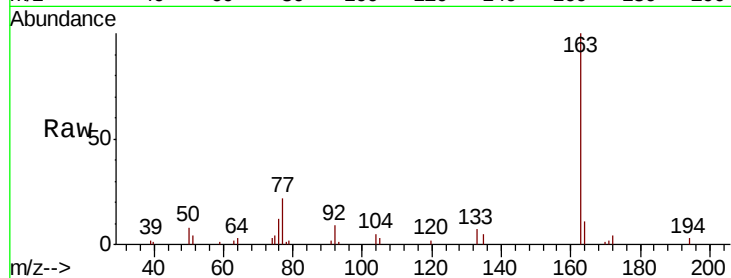
Tgt Ion:163 Resp: 34349

Ion Ratio Lower Upper

163 100

194 3.0 3.2 4.8#

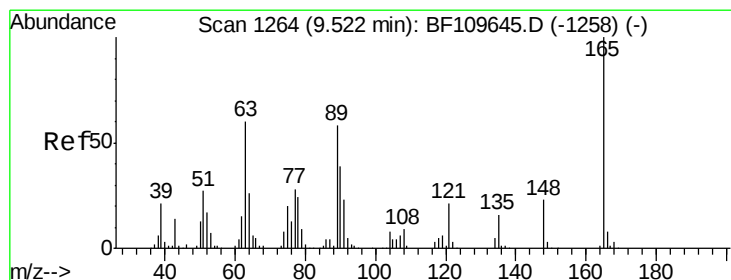
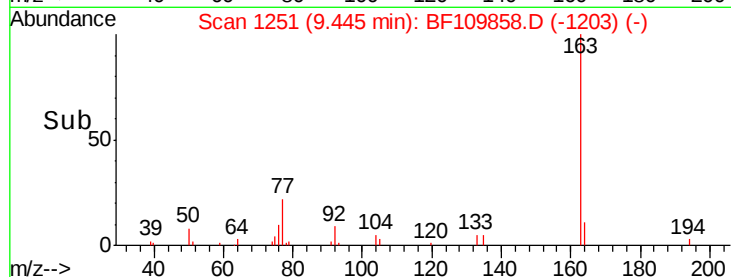
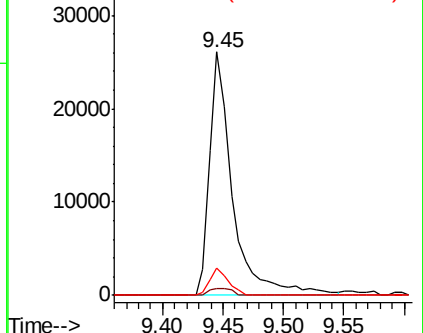
164 11.3 8.1 12.1



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: 7.762 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.20 min

Lab File: BF109858.D

Acq: 13 Oct 2018 2:50

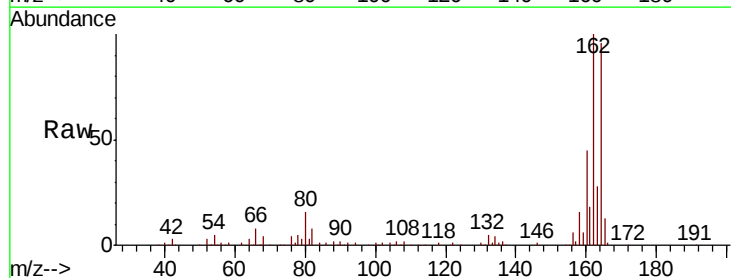
Tgt Ion:165 Resp: 21773

Ion Ratio Lower Upper

165 100

63 0.0 48.9 73.3#

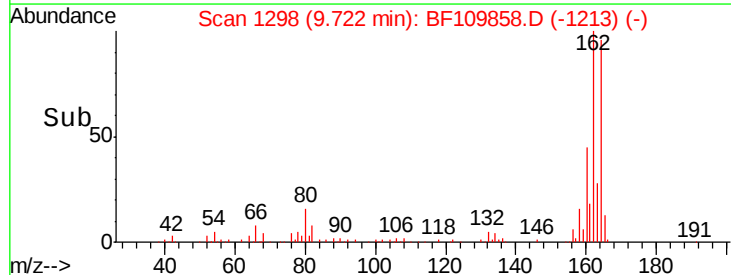
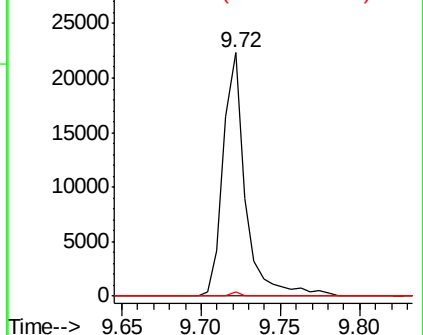
89 1.8 46.6 69.8#

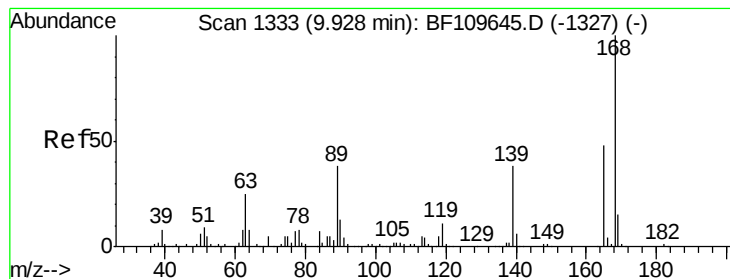


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#56

2,4-Dinitrotoluene

Concen: 6.220 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.21 min

Lab File: BF109858.D

Acq: 13 Oct 2018 2:50

Instrument :

BNA_F

ClientSampleId :

101018-SIDI-F-D-B

Tgt Ion:165 Resp: 21774

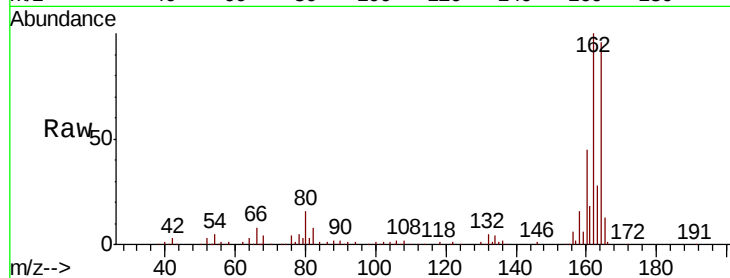
Ion Ratio Lower Upper

165 100

63 0.0 44.8 67.2#

89 1.8 62.2 93.4#

182 0.0 2.1 3.1#

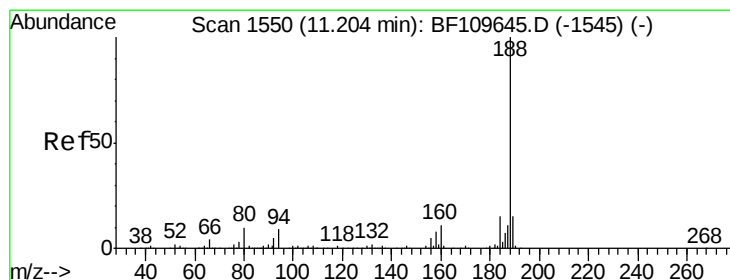
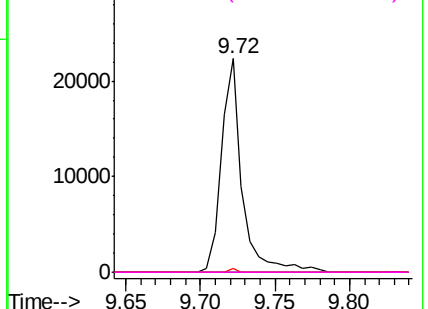
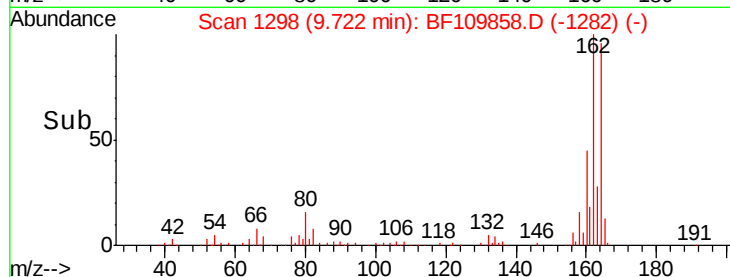


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.20 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BF109858.D

Acq: 13 Oct 2018 2:50

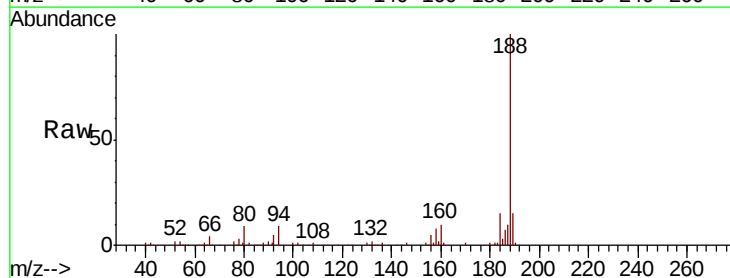
Tgt Ion:188 Resp: 270398

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

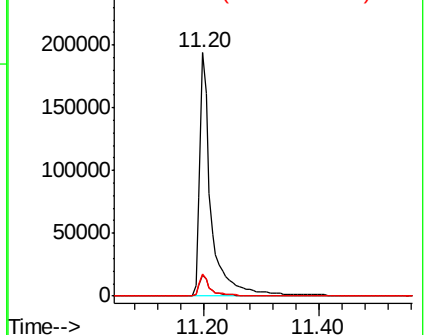
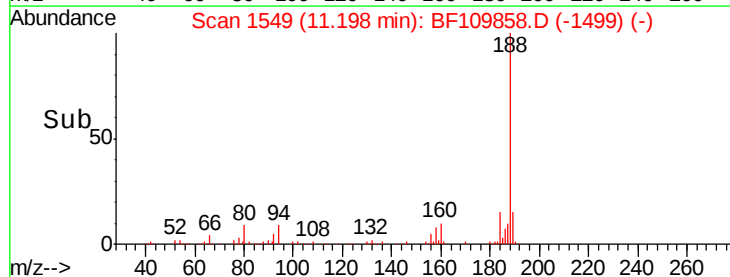
80 9.2 7.9 11.9

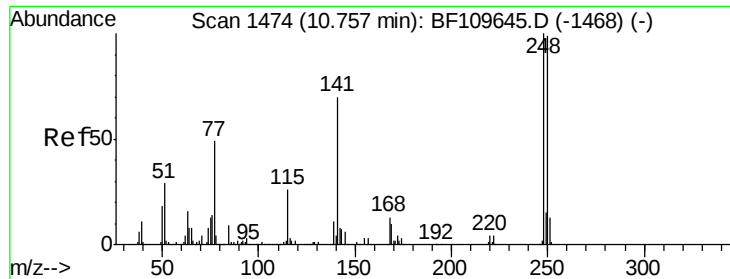


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

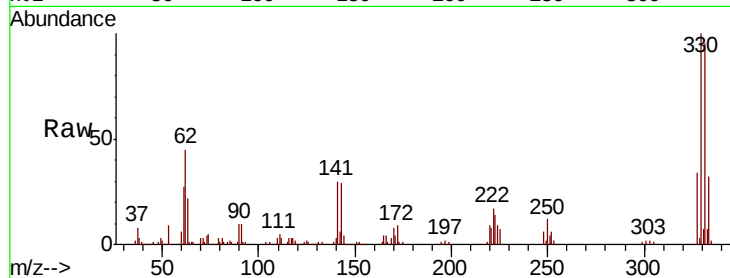




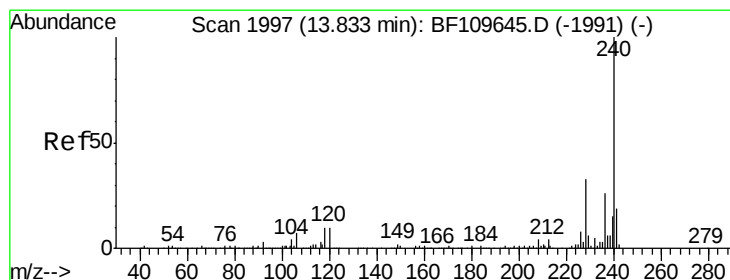
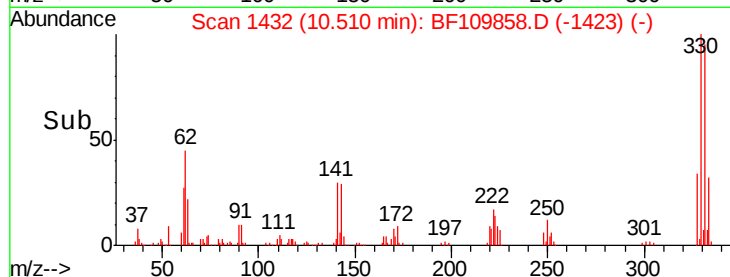
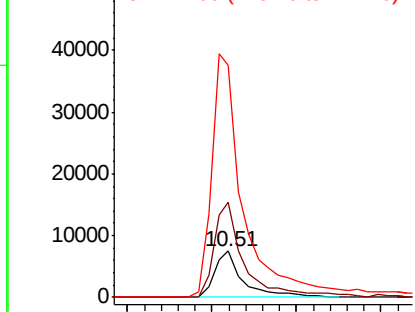
#66
4-Bromophenyl-phenylether
Concen: 2.856 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF109858.D
Acq: 13 Oct 2018 2:50

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

Tgt Ion:248 Resp: 8873
Ion Ratio Lower Upper
248 100
250 205.1 79.4 119.2#
141 501.5 55.9 83.9#

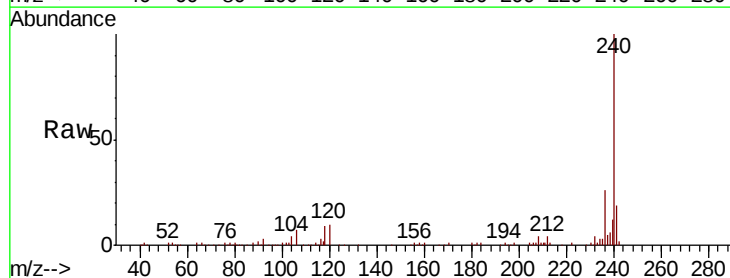


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

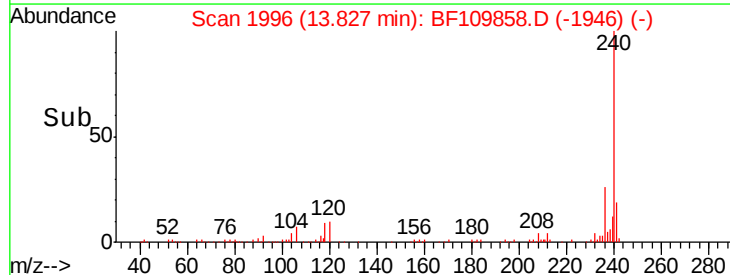
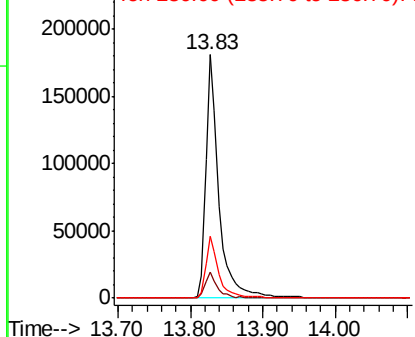


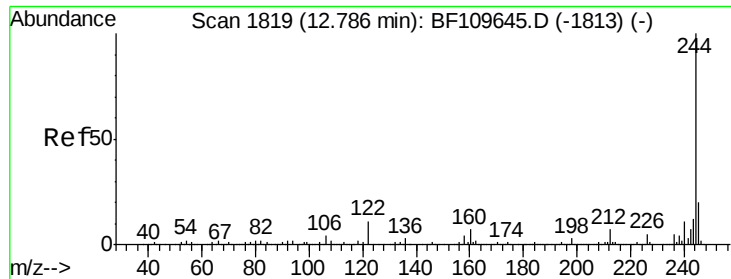
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109858.D
Acq: 13 Oct 2018 2:50

Tgt Ion:240 Resp: 226787
Ion Ratio Lower Upper
240 100
120 10.5 8.3 12.5
236 25.6 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: 81.959 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109858.D

Acq: 13 Oct 2018 2:50

Instrument :

BNA_F

ClientSampleId :

101018-SIDI-F-D-B

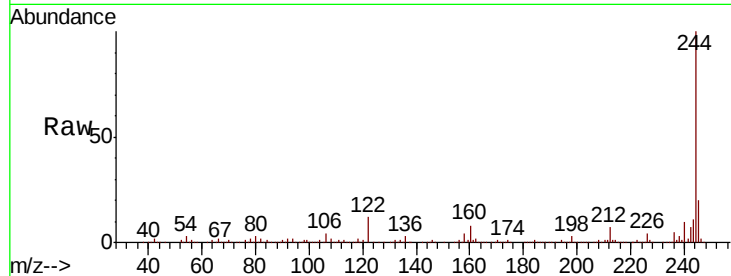
Tgt Ion:244 Resp: 960167

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

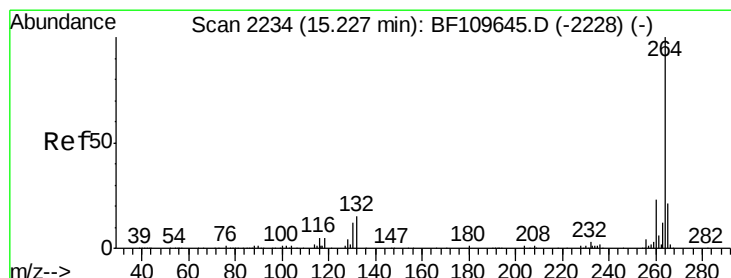
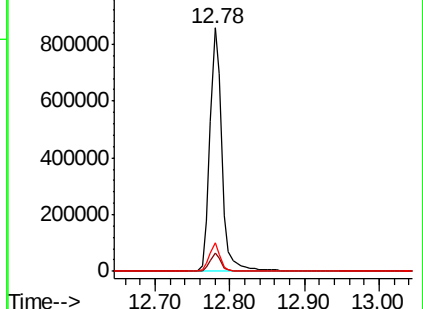
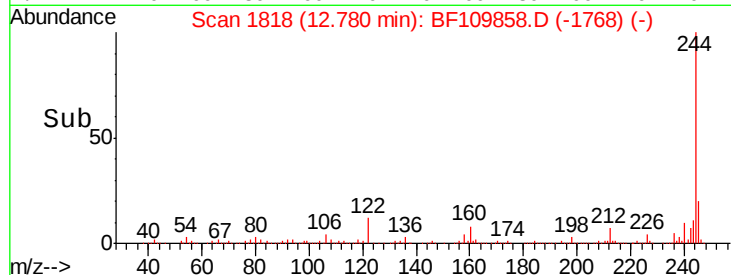
122 12.0 8.7 13.1



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: BF109858.D

Acq: 13 Oct 2018 2:50

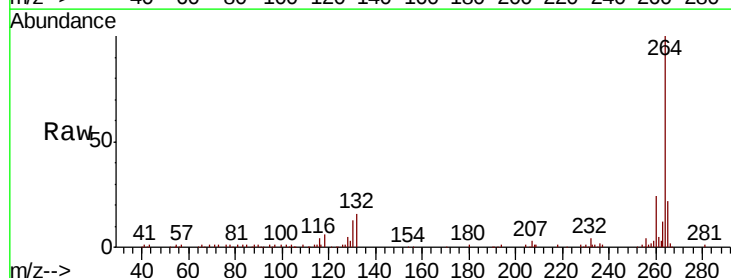
Tgt Ion:264 Resp: 170027

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 22.0 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

