

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101218\
 Data File : BF109857.D
 Acq On : 13 Oct 2018 2:23
 Operator : JU/SJ
 Sample : J5371-15
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 100818-SIDI-E-U-M

Quant Time: Oct 13 03:09:24 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	94357	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	365328	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	151726	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	231055	20.00	ng	0.00
75) Chrysene-d12	13.83	240	196409	20.00	ng	0.00
86) Perylene-d12	15.23	264	151658	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.31	112	181639	34.17	ng	-0.01
7) Phenol-d6	6.34	99	169925	23.93	ng	-0.02
23) Nitrobenzene-d5	7.26	82	651024	98.23	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	121375	73.42	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1099417	99.80	ng	0.00
78) Terphenyl-d14	12.78	244	765503	75.45	ng	0.00

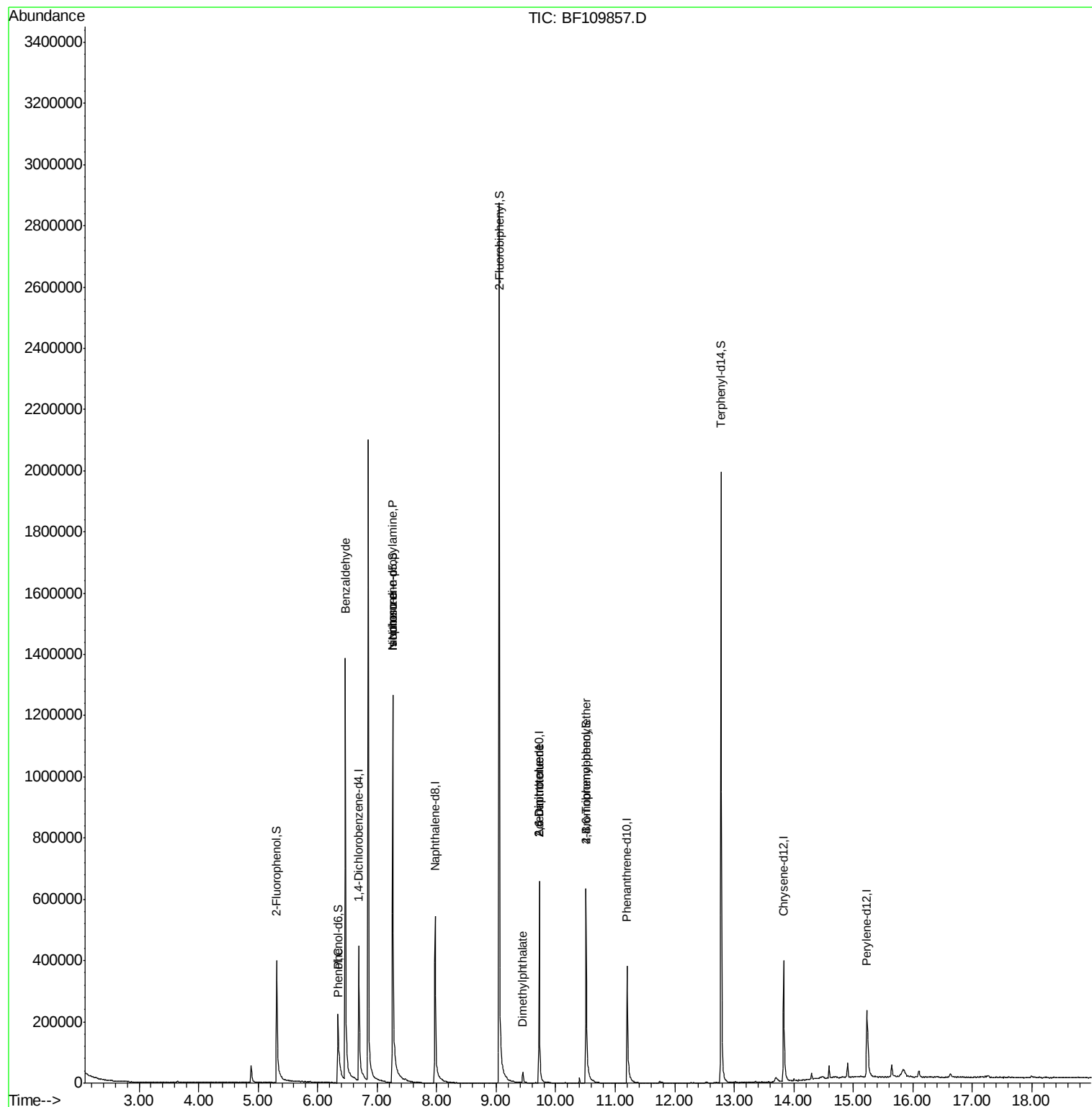
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.46	77	9639	2.109	ng	# 75
10) Phenol	6.36	94	16531	2.030	ng	# 87
19) n-Nitroso-di-n-propylamine	7.26	70	84680	17.004	ng	# 75
25) Isophorone	7.26	82	651021	59.155	ng	# 67
49) Dimethylphthalate	9.45	163	24664	2.216	ng	# 96
50) 2,6-Dinitrotoluene	9.72	165	18881	7.828	ng	# 21
56) 2,4-Dinitrotoluene	9.72	165	18881	6.272	ng	# 17
66) 4-Bromophenyl-phenylether	10.51	248	6781	2.554	ng	# 1

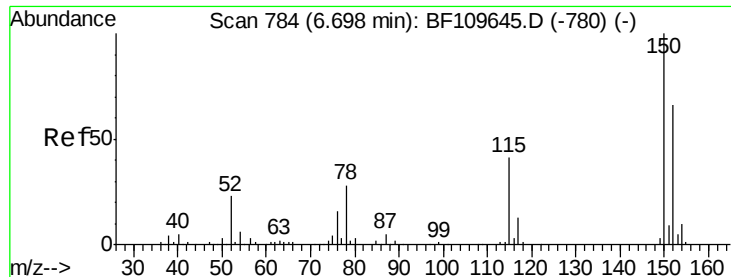
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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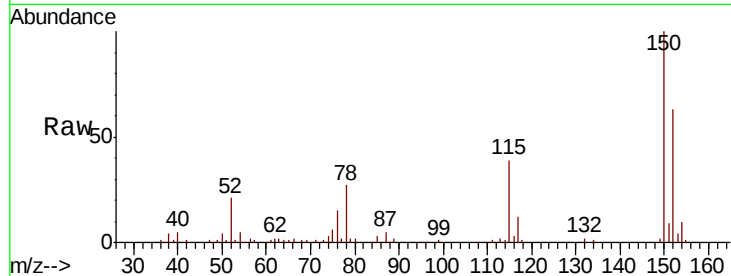




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF109857.D
 Acq: 13 Oct 2018 2:23

Instrument :
 BNA_F
 ClientSampleId :
 100818-SIDI-E-U-M

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.6	122.7	184.1
115	62.2	49.1	73.7

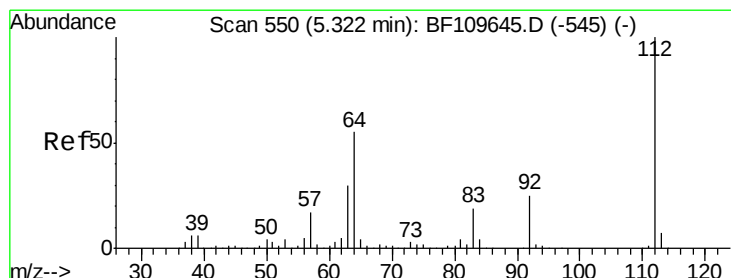
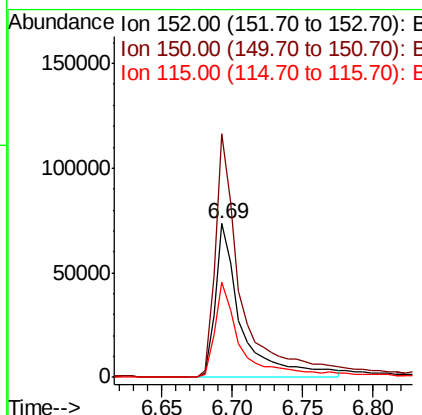
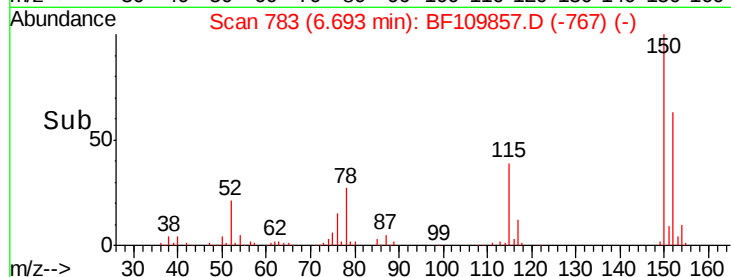


Abundance

Ion 152.00 (151.70 to 152.70): E

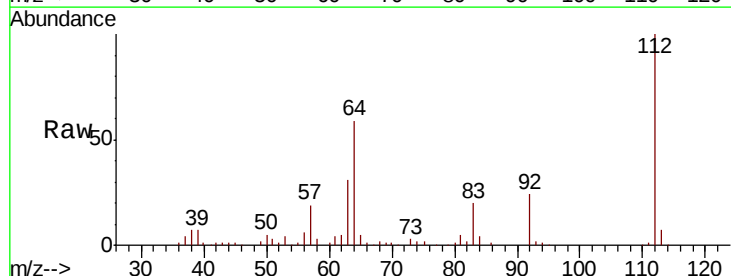
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 34.170 ng
 RT: 5.31 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF109857.D
 Acq: 13 Oct 2018 2:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.9	44.1	66.1
63	31.3	23.7	35.5

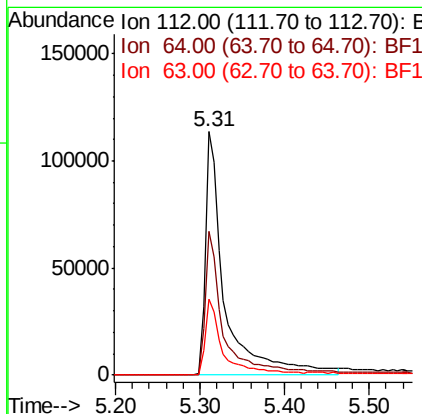
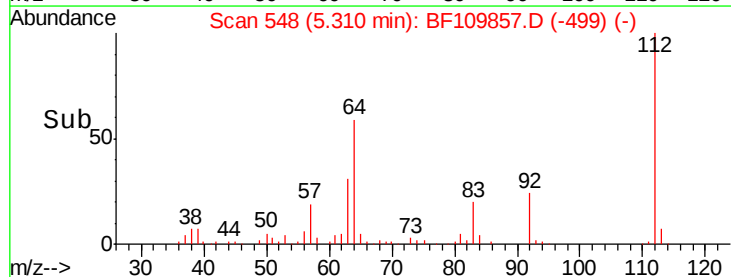


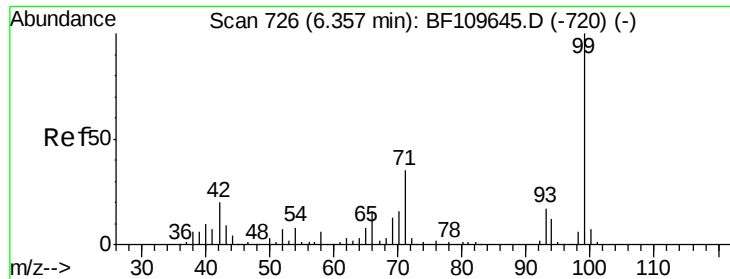
Abundance

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: 23.929 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109857.D

Acq: 13 Oct 2018 2:23

Instrument :

BNA_F

ClientSampleId :

100818-SIDI-E-U-M

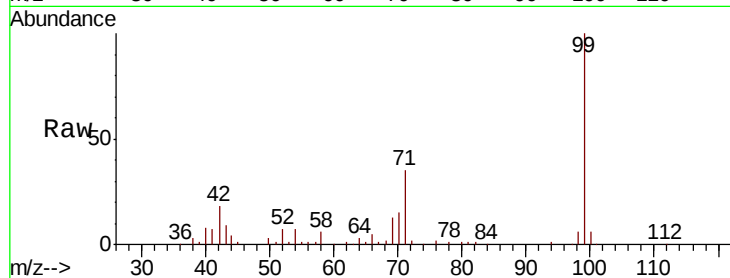
Tgt Ion: 99 Resp: 169925

Ion Ratio Lower Upper

99 100

42 17.8 15.8 23.6

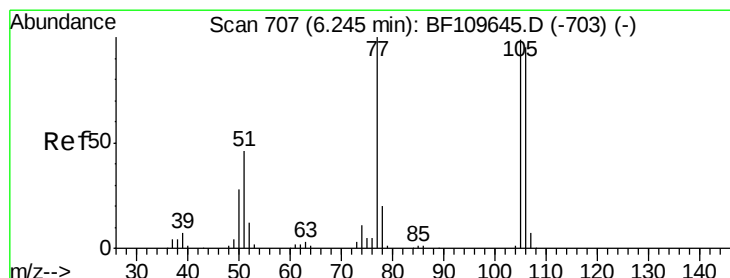
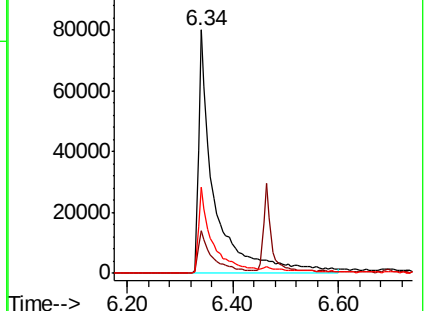
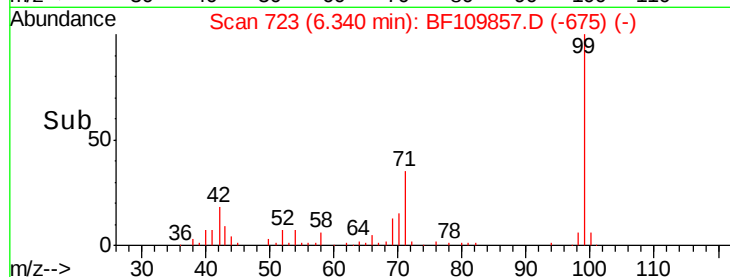
71 35.4 28.0 42.0



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: 2.109 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.22 min

Lab File: BF109857.D

Acq: 13 Oct 2018 2:23

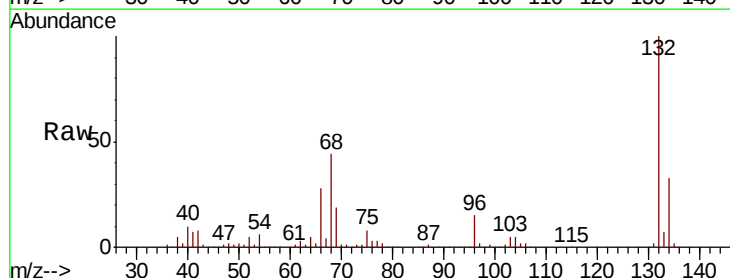
Tgt Ion: 77 Resp: 9639

Ion Ratio Lower Upper

77 100

105 78.8 78.6 118.6

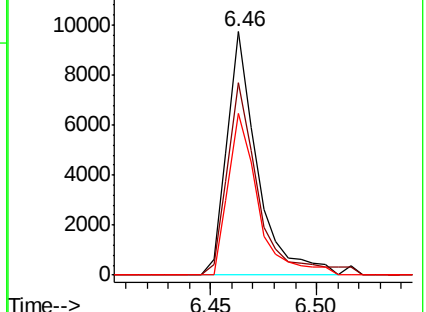
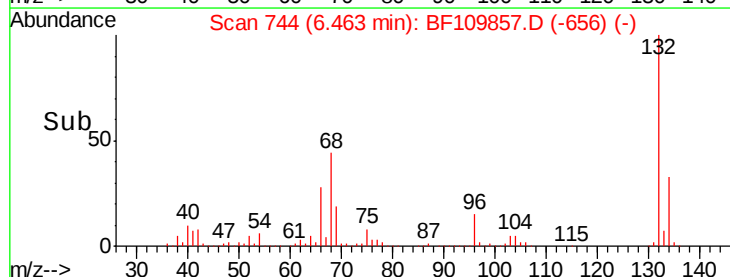
106 66.4 74.8 114.8#

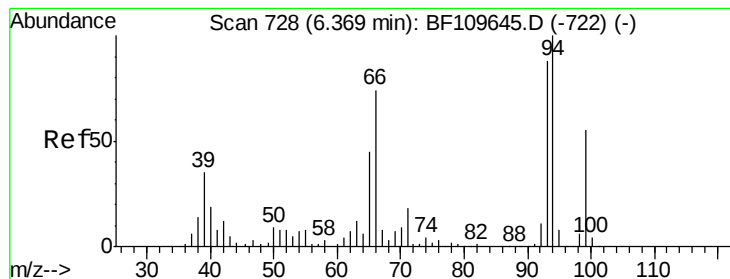


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.030 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF109857.D

Acq: 13 Oct 2018 2:23

Instrument :

BNA_F

ClientSampleId :

100818-SIDI-E-U-M

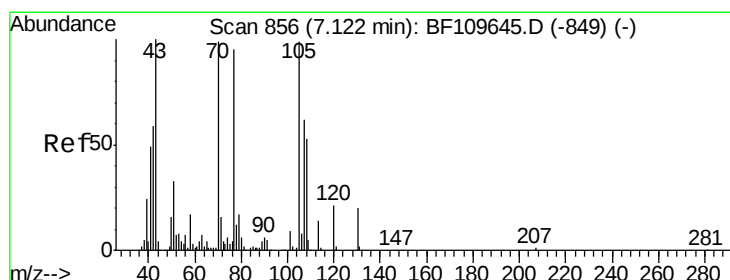
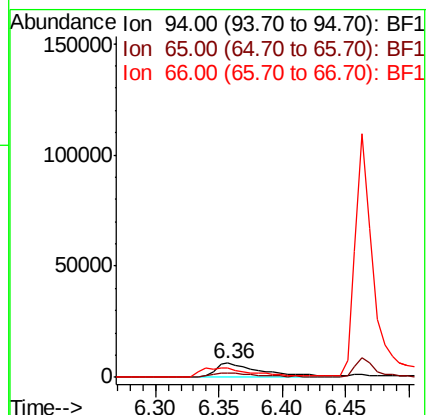
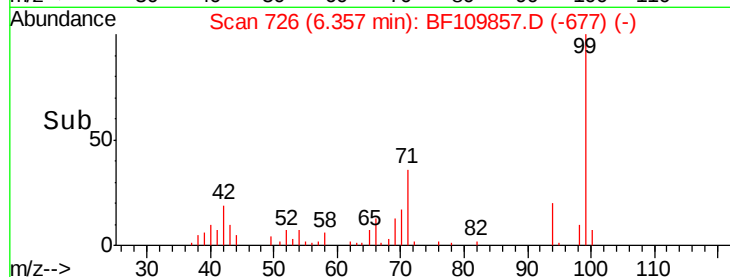
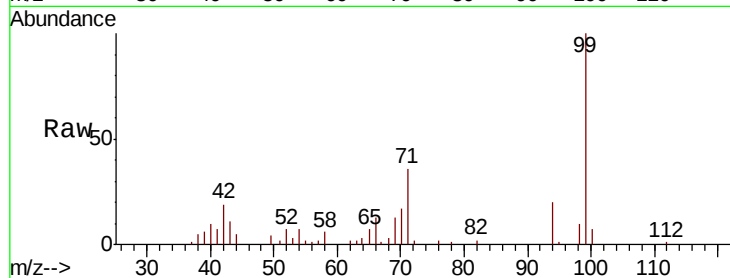
Tgt Ion: 94 Resp: 16531

Ion Ratio Lower Upper

94 100

65 33.9 25.3 65.3

66 65.9 54.5 94.5



#19

n-Nitroso-di-n-propylamine

Concen: 17.004 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.14 min

Lab File: BF109857.D

Acq: 13 Oct 2018 2:23

Tgt Ion: 70 Resp: 84680

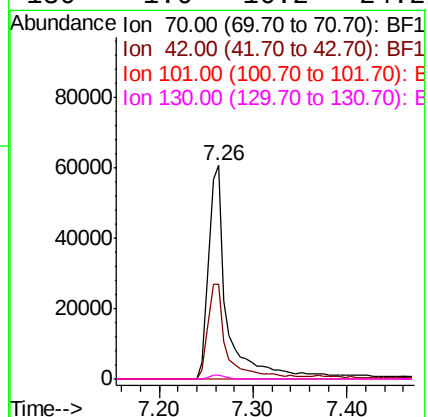
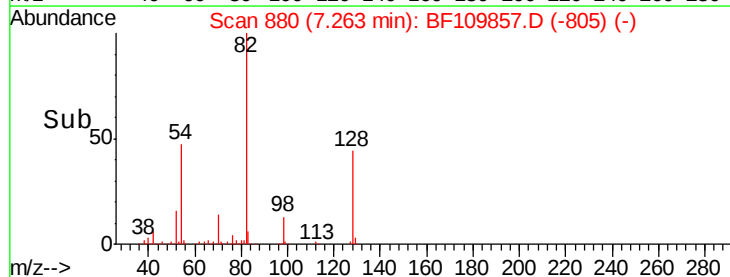
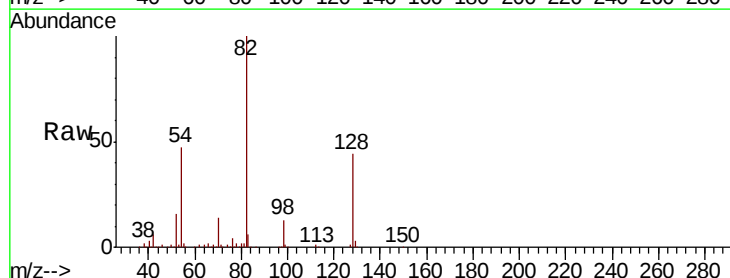
Ion Ratio Lower Upper

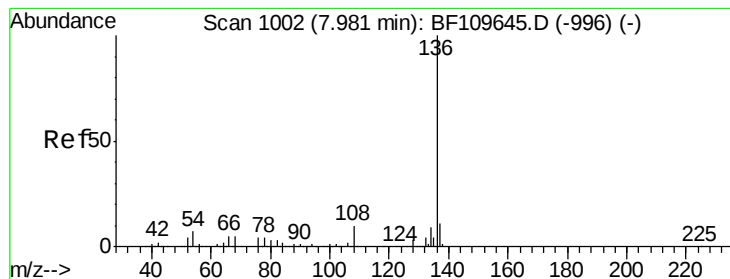
70 100

42 44.3 47.4 71.2#

101 0.0 7.3 10.9#

130 1.6 16.2 24.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109857.D

Acq: 13 Oct 2018 2:23

Instrument :

BNA_F

ClientSampleId :

100818-SIDI-E-U-M

Tgt Ion: 136 Resp: 365328

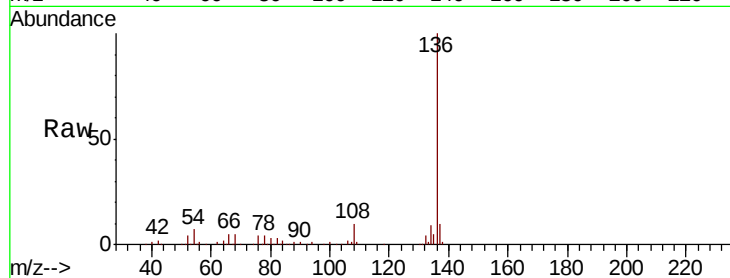
Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

54 6.6 5.4 8.2

68 5.2 4.2 6.2

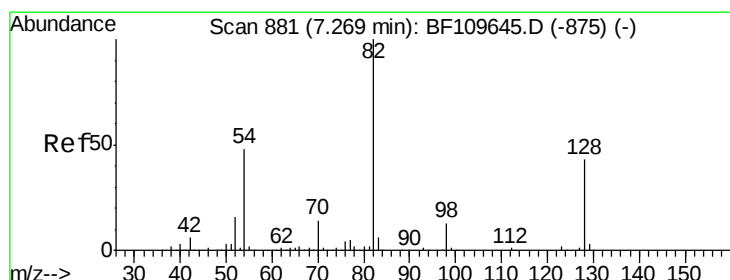
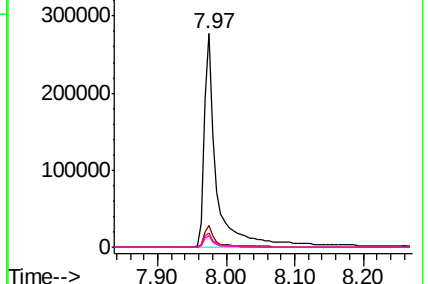
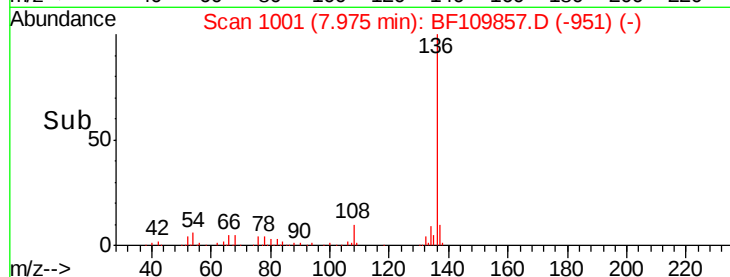


Abundance Ion 136.00 (135.70 to 136.70): E

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: 98.231 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF109857.D

Acq: 13 Oct 2018 2:23

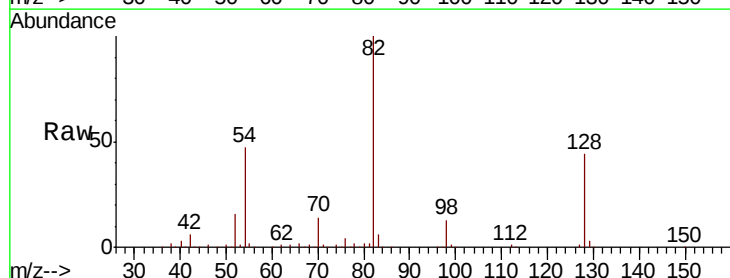
Tgt Ion: 82 Resp: 651024

Ion Ratio Lower Upper

82 100

128 44.2 34.2 51.2

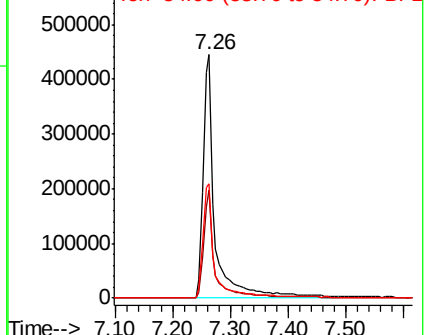
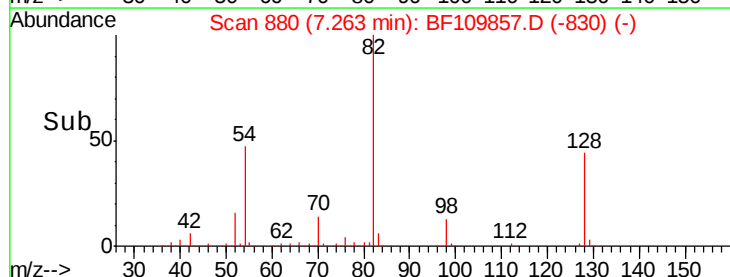
54 46.9 38.6 58.0

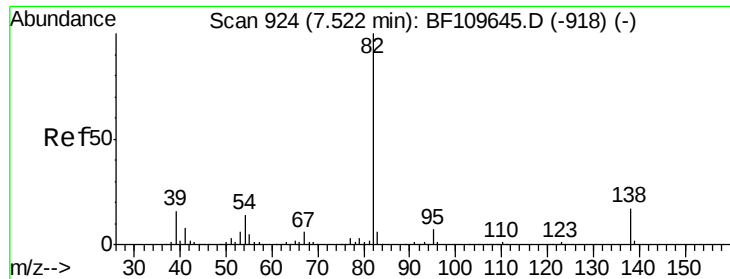


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 59.155 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.26 min

Lab File: BF109857.D

Acq: 13 Oct 2018 2:23

Instrument :

BNA_F

ClientSampleId :

100818-SIDI-E-U-M

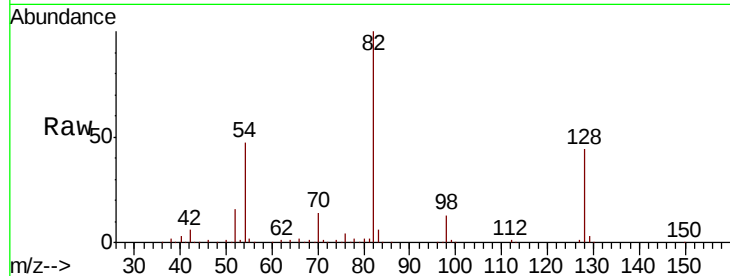
Tgt Ion: 82 Resp: 651021

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

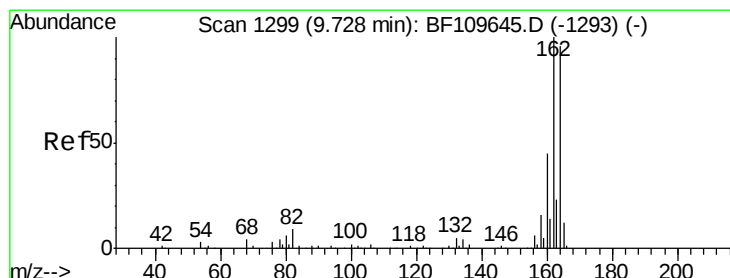
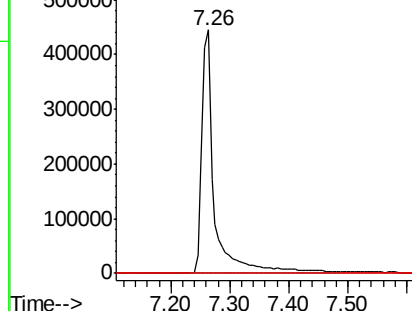
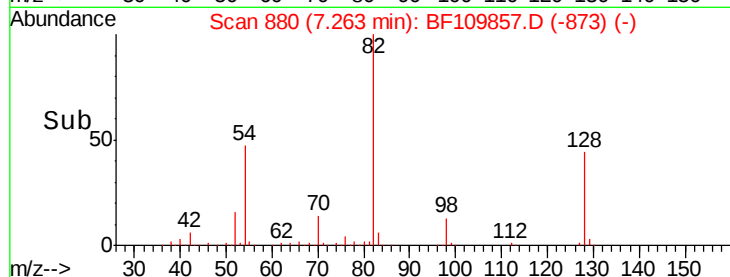
138 0.0 13.2 19.8#



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: BF109857.D

Acq: 13 Oct 2018 2:23

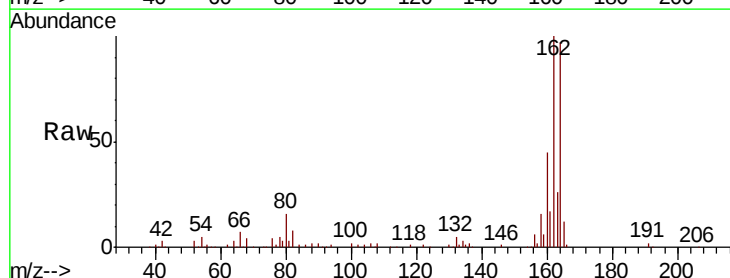
Tgt Ion: 164 Resp: 151726

Ion Ratio Lower Upper

164 100

162 102.8 83.0 124.6

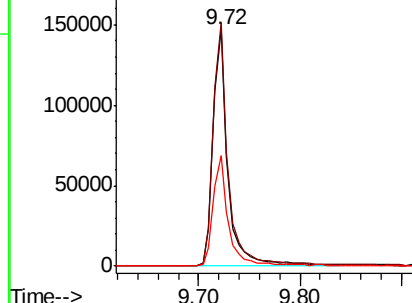
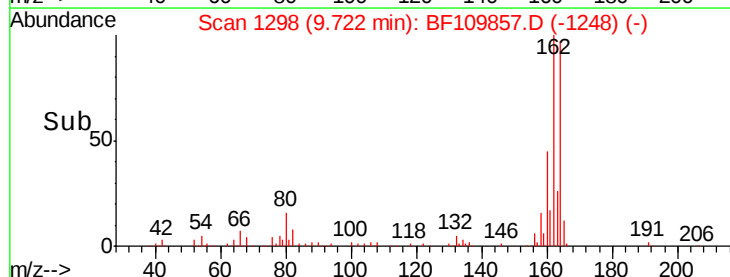
160 46.4 37.0 55.6

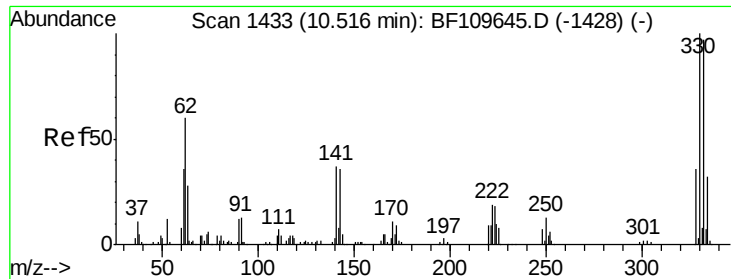


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

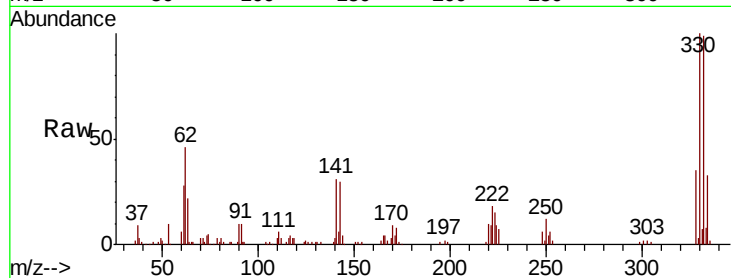




#41
 2,4,6-Tribromophenol
 Concen: 73.417 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109857.D
 Acq: 13 Oct 2018 2:23

Instrument :
 BNA_F
 ClientSampleId :
 100818-SIDI-E-U-M

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.1	115.7
141	33.6	27.0	40.4

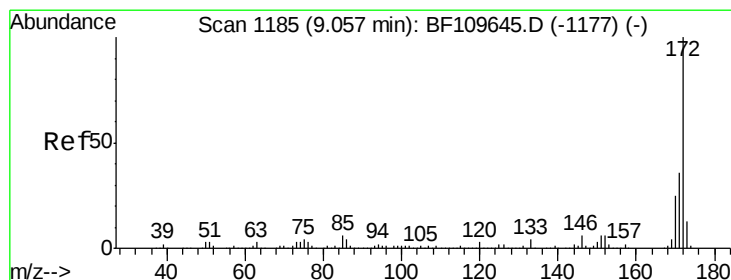
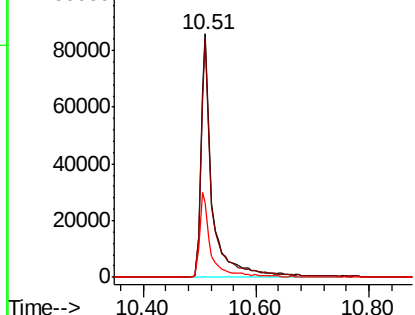
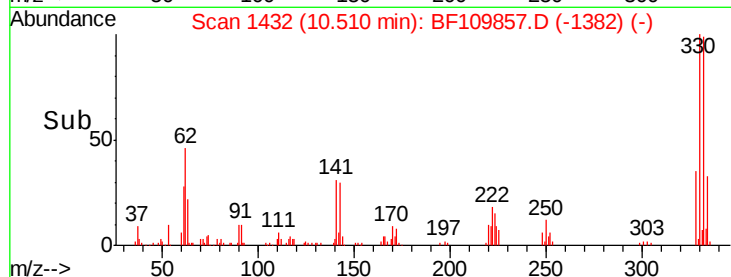


Abundance

Ion 329.80 (329.50 to 330.50): E

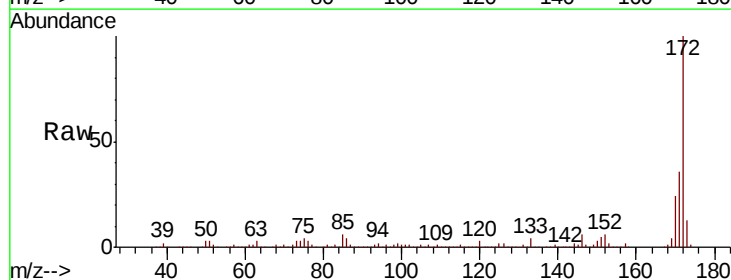
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 99.797 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109857.D
 Acq: 13 Oct 2018 2:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	43.0
170	24.2	19.7	29.5

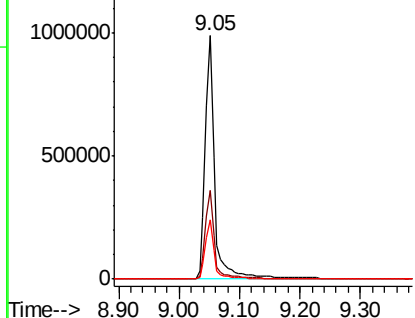
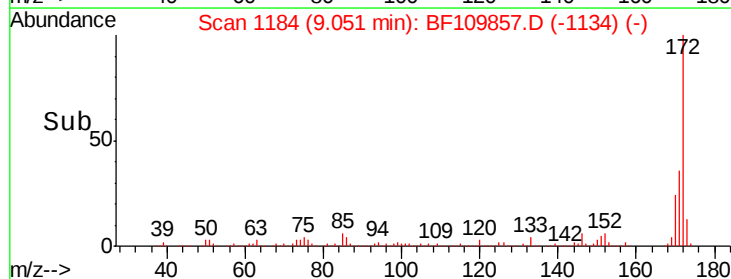


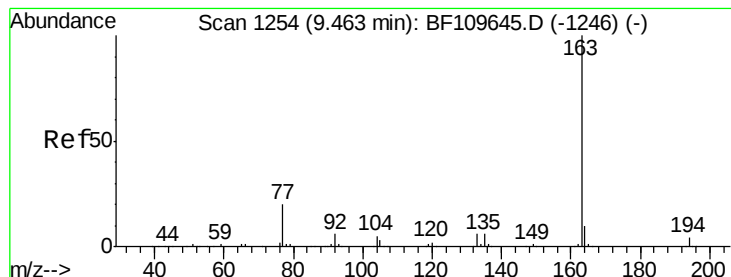
Abundance

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: 2.216 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.02 min

Lab File: BF109857.D

Acq: 13 Oct 2018 2:23

Instrument :

BNA_F

ClientSampleId :

100818-SIDI-E-U-M

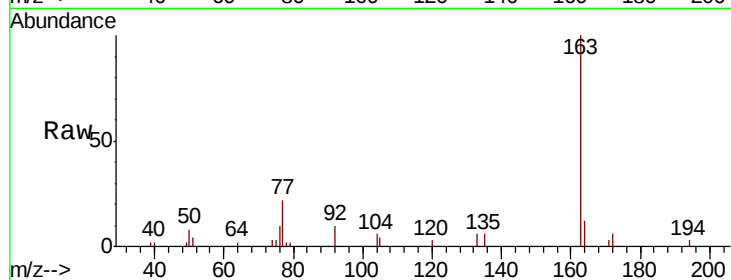
Tgt Ion:163 Resp: 24664

Ion Ratio Lower Upper

163 100

194 3.2 3.2 4.8#

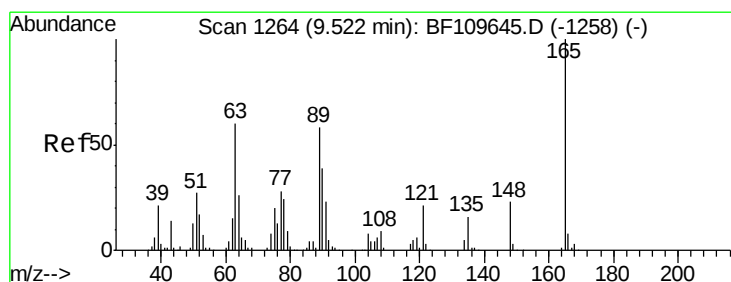
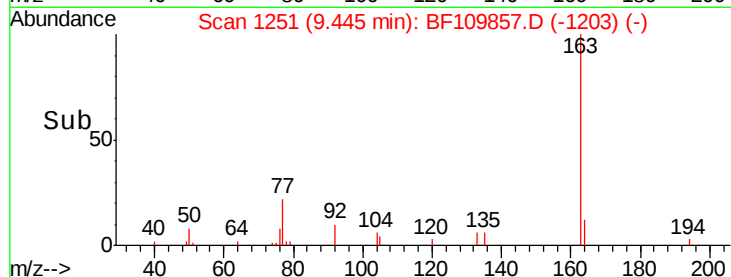
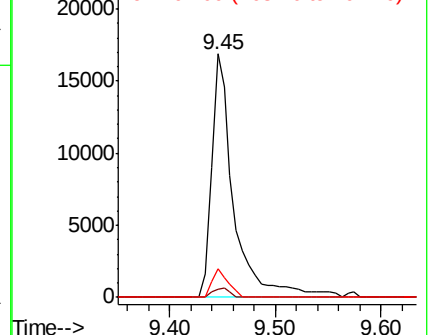
164 11.6 8.1 12.1



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: 7.828 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.20 min

Lab File: BF109857.D

Acq: 13 Oct 2018 2:23

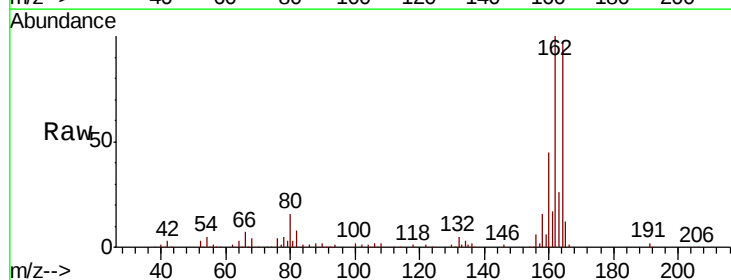
Tgt Ion:165 Resp: 18881

Ion Ratio Lower Upper

165 100

63 0.0 48.9 73.3#

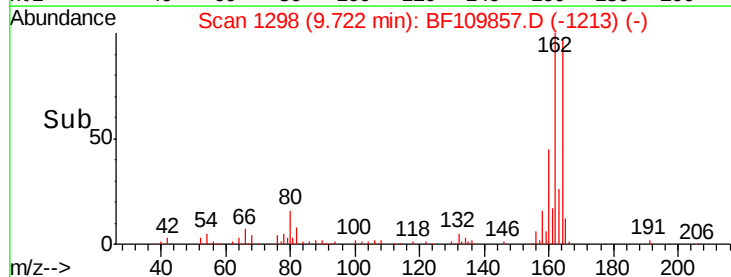
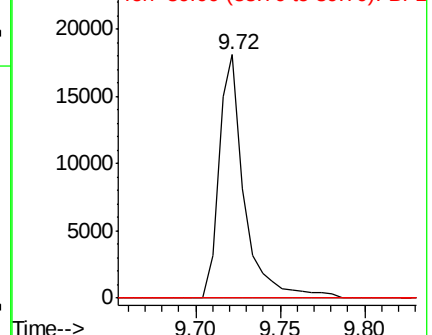
89 0.0 46.6 69.8#

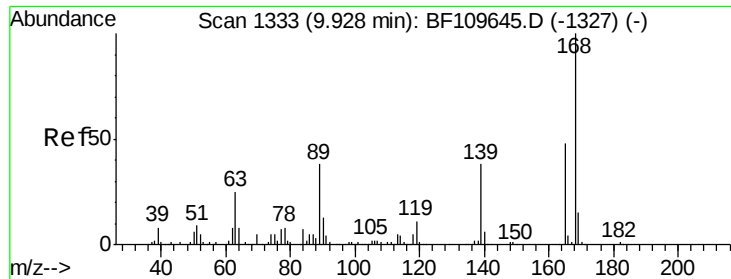


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

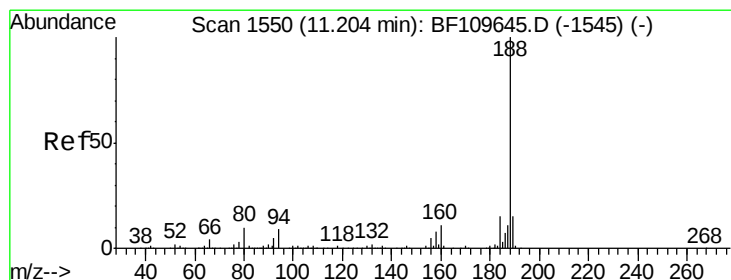
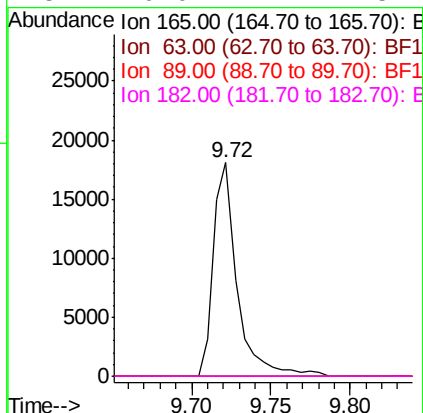
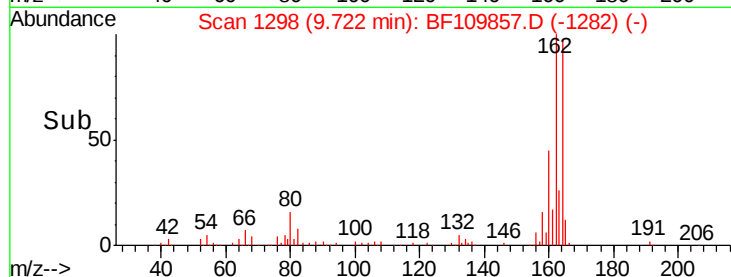
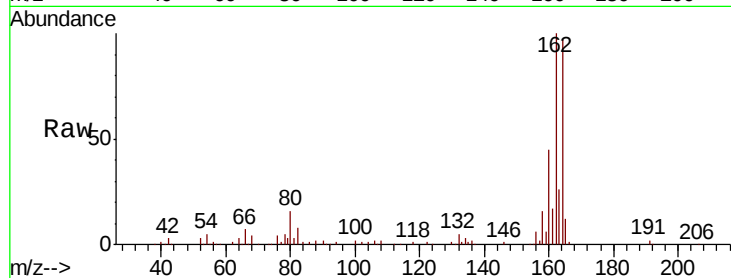




#56
 2,4-Dinitrotoluene
 Concen: 6.272 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.21 min
 Lab File: BF109857.D
 Acq: 13 Oct 2018 2:23

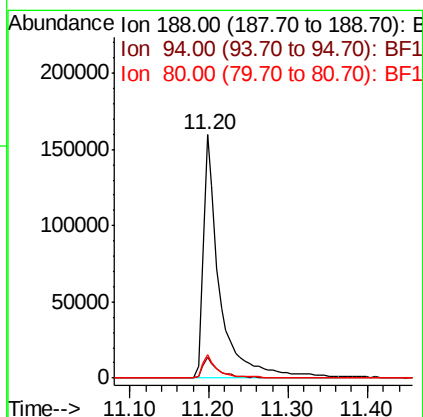
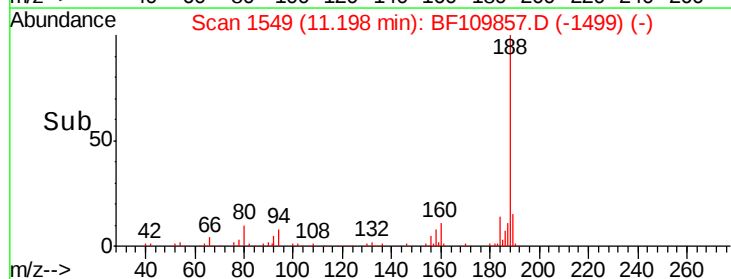
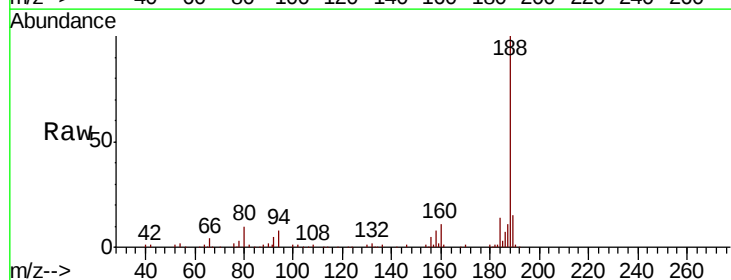
Instrument :
 BNA_F
 ClientSampleId :
 100818-SIDI-E-U-M

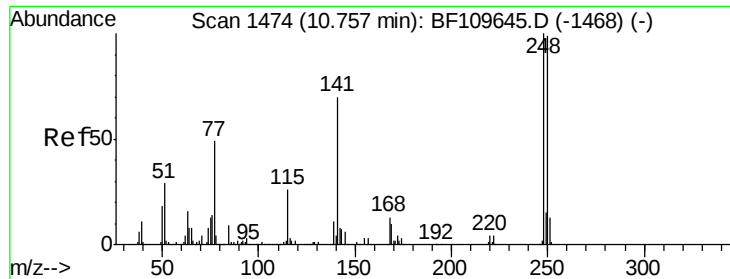
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF109857.D
 Acq: 13 Oct 2018 2:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.2	10.8
80	9.6	7.9	11.9

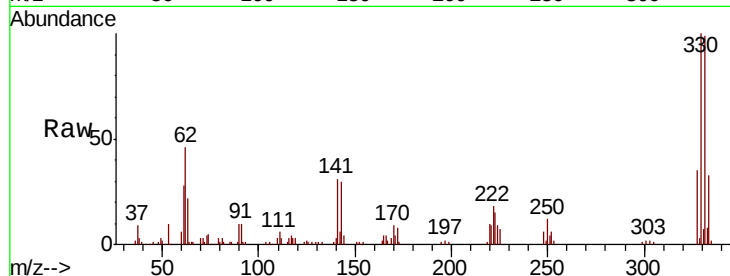




#66
 4-Bromophenyl-phenylether
 Concen: 2.554 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.25 min
 Lab File: BF109857.D
 Acq: 13 Oct 2018 2:23

Instrument :
 BNA_F
 ClientSampleId :
 100818-SIDI-E-U-M

Tgt Ion	Ratio	Lower	Upper
248	100		
250	194.1	79.4	119.2#
141	482.0	55.9	83.9#

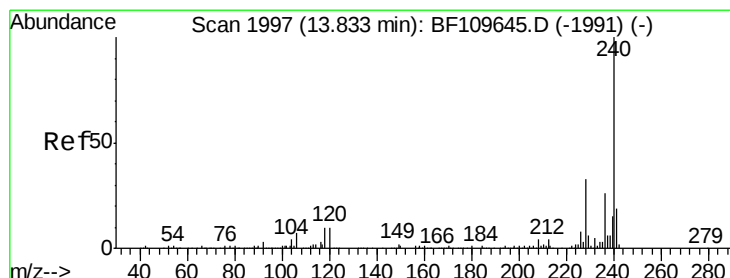
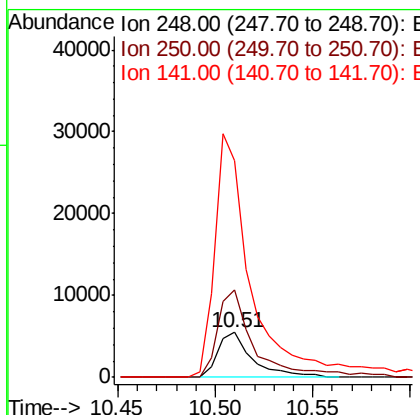
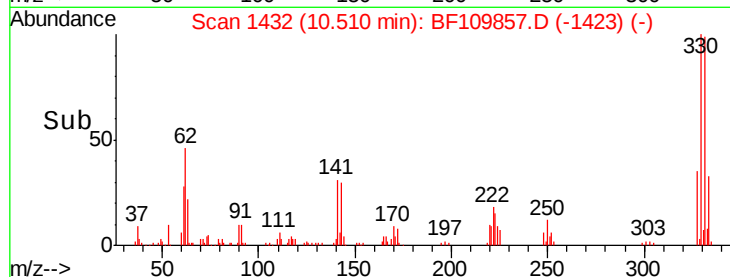


Abundance

Ion 248.00 (247.70 to 248.70): E

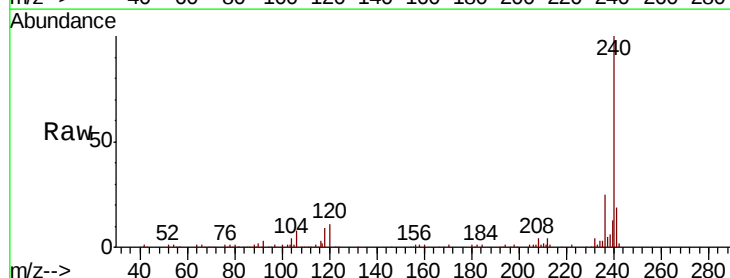
Ion 250.00 (249.70 to 250.70): E

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: BF109857.D
 Acq: 13 Oct 2018 2:23

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.3	12.5
236	24.8	21.2	31.8

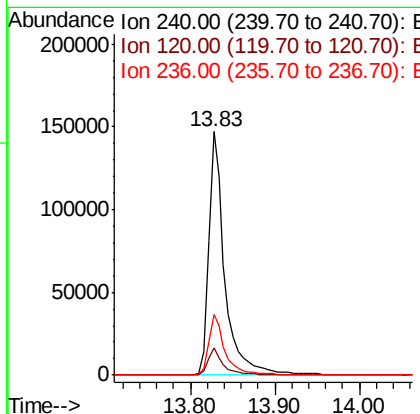
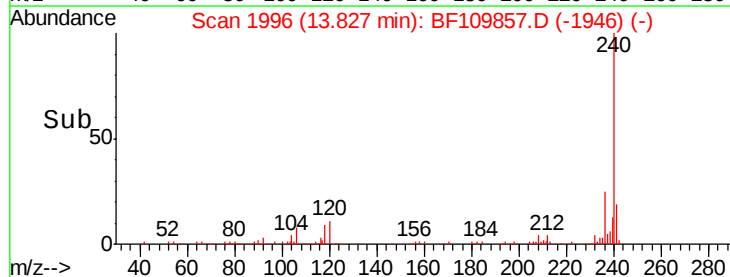


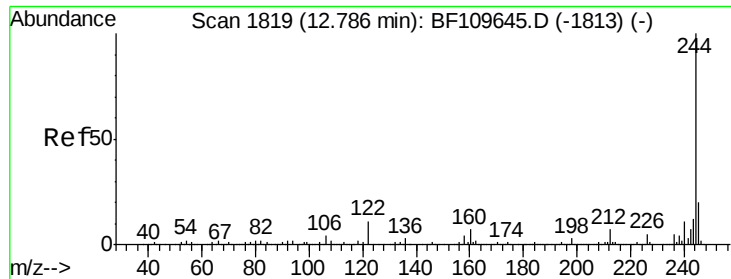
Abundance

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

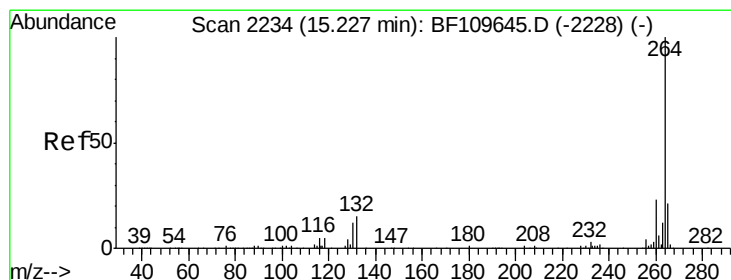
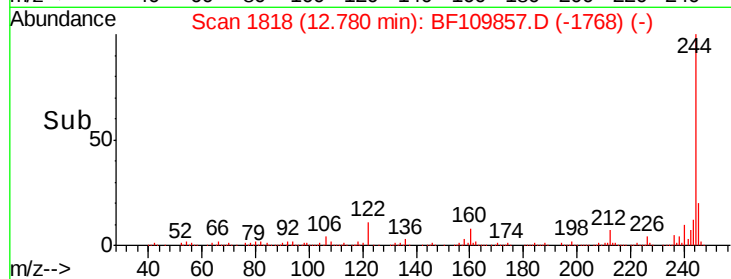
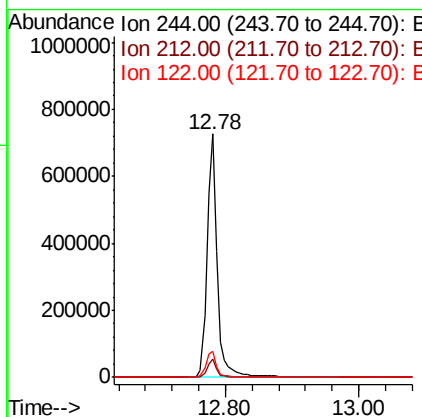
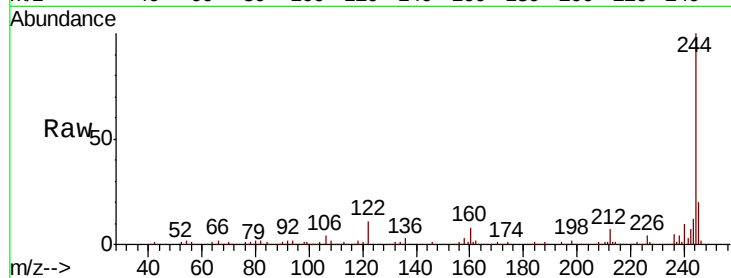




#78
 Terphenyl-d14
 Concen: 75.449 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BF109857.D
 Acq: 13 Oct 2018 2:23

Instrument :
 BNA_F
 ClientSampleId :
 100818-SIDI-E-U-M

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	10.6	8.7	13.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. 0.00 min
 Lab File: BF109857.D
 Acq: 13 Oct 2018 2:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.7	28.1
265	20.7	16.7	25.1

