

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101118\
 Data File : BF109816.D
 Acq On : 12 Oct 2018 5:44
 Operator : JU/SJ
 Sample : J5296-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 100418-SIDI-E-U-B

Quant Time: Oct 12 06:37:43 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

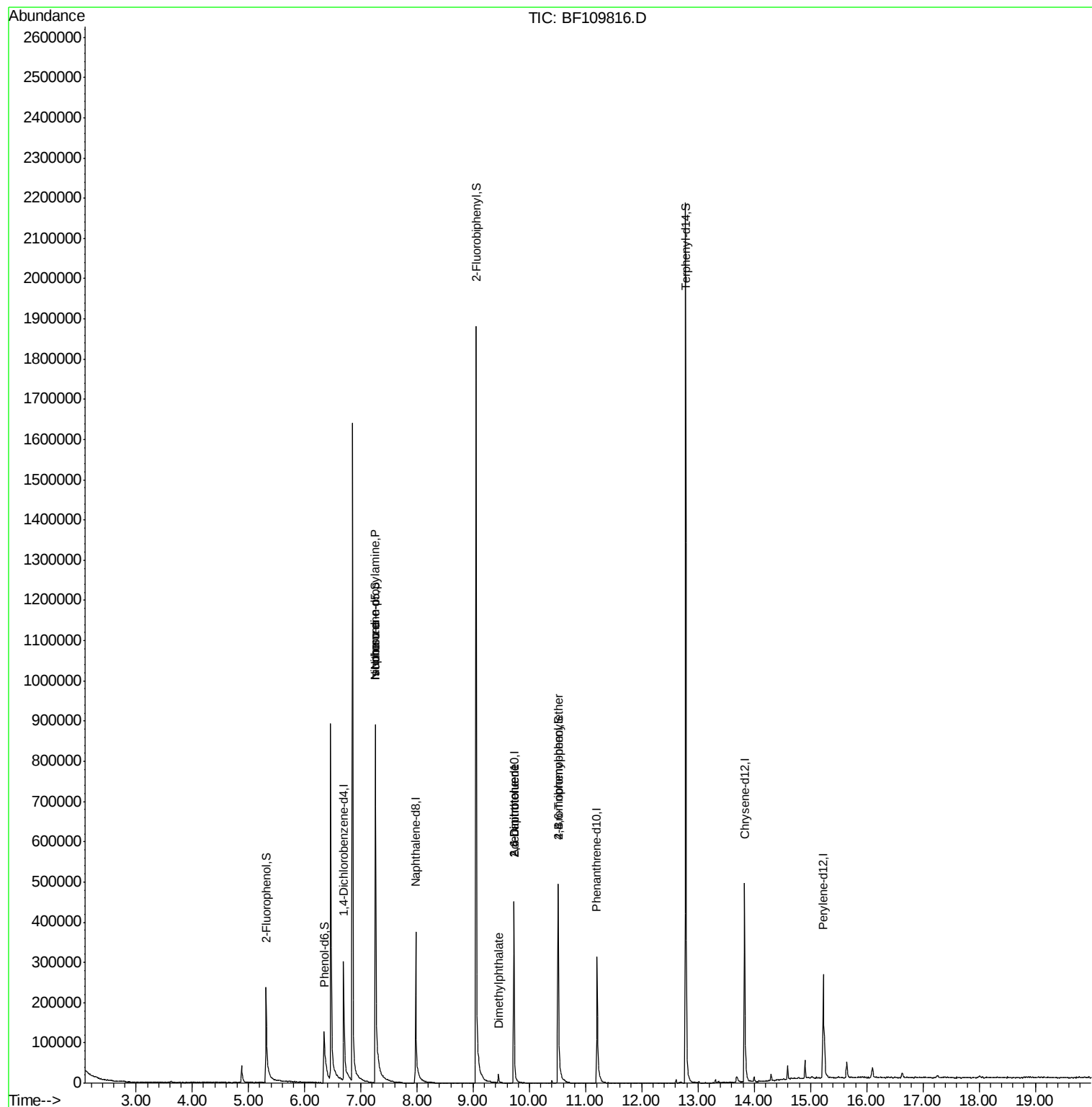
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	71664	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	271844	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	107387	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	198629	20.00	ng	0.00
75) Chrysene-d12	13.83	240	229154	20.00	ng	0.00
86) Perylene-d12	15.23	264	157264	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	134705	33.36	ng	-0.01
7) Phenol-d6	6.35	99	106867	19.81	ng	-0.01
23) Nitrobenzene-d5	7.26	82	476434	96.61	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	94696	80.93	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	776536	99.59	ng	0.00
78) Terphenyl-d14	12.78	244	827264	69.89	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	60511	15.999	ng	# 78
25) Isophorone	7.26	82	481965	58.854	ng	# 67
49) Dimethylphthalate	9.45	163	15764	2.002	ng	# 97
50) 2,6-Dinitrotoluene	9.72	165	12718	7.450	ng	# 21
56) 2,4-Dinitrotoluene	9.72	165	12718	5.969	ng	# 17
66) 4-Bromophenyl-phenylether	10.51	248	5462	2.393	ng	# 1

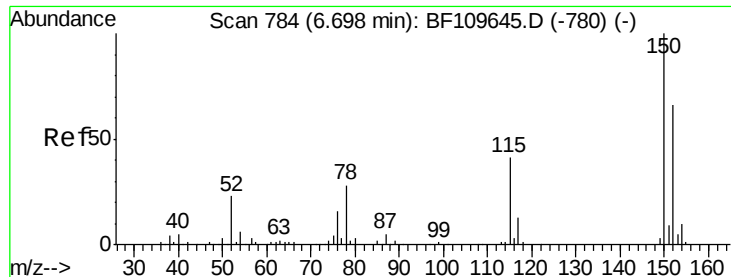
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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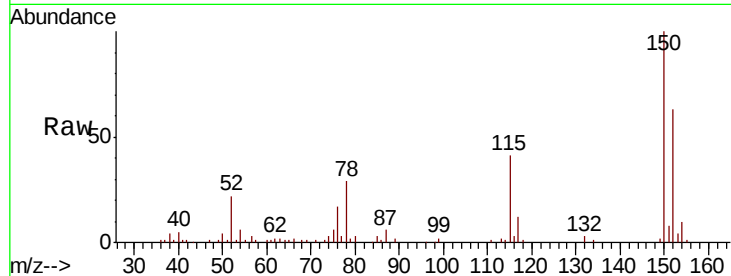




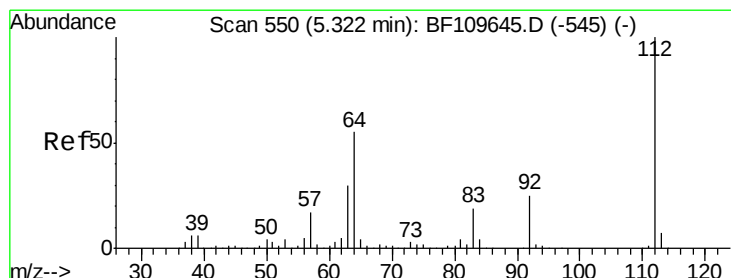
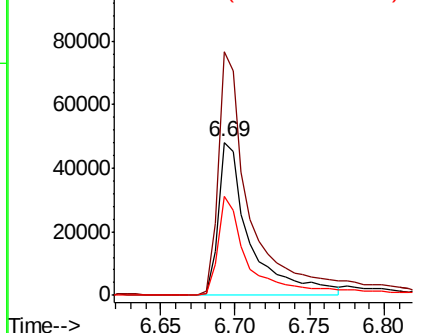
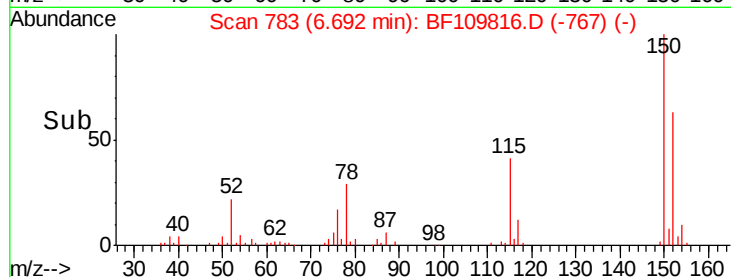
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF109816.D
 Acq: 12 Oct 2018 5:44

Instrument :
 BNA_F
 ClientSampleId :
 100418-SIDI-E-U-B

Tgt Ion:152 Resp: 71664
 Ion Ratio Lower Upper
 152 100
 150 158.8 122.7 184.1
 115 64.4 49.1 73.7

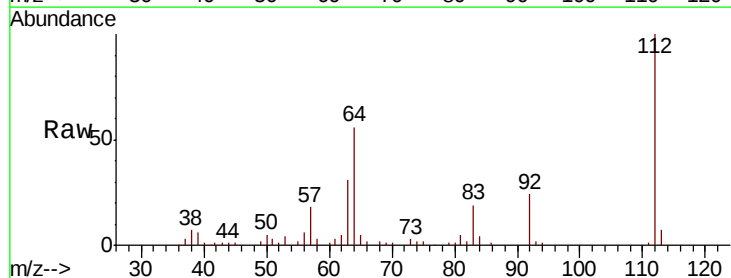


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

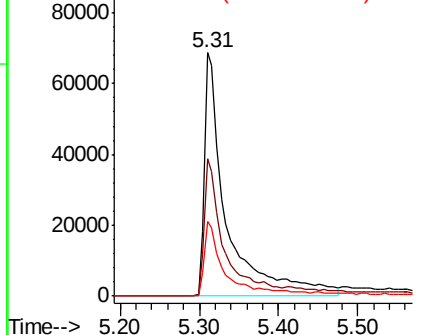
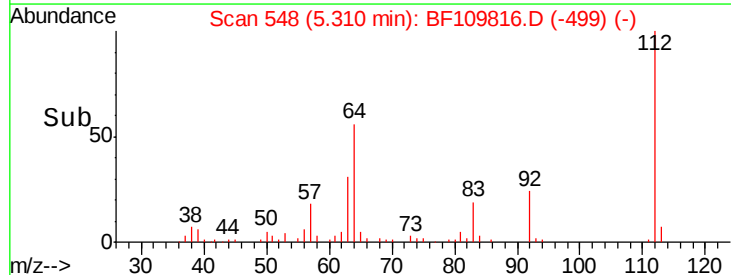


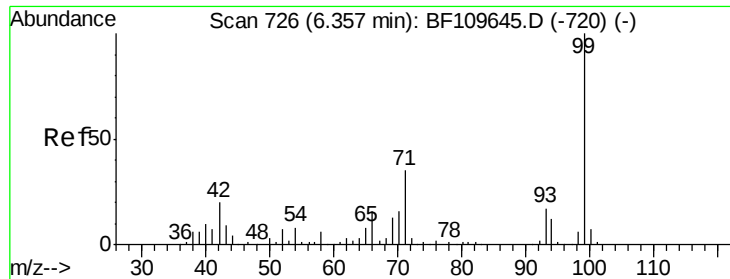
#5
 2-Fluorophenol
 Concen: 33.365 ng
 RT: 5.31 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF109816.D
 Acq: 12 Oct 2018 5:44

Tgt Ion:112 Resp: 134705
 Ion Ratio Lower Upper
 112 100
 64 56.4 44.1 66.1
 63 30.8 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: 19.814 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109816.D

Acq: 12 Oct 2018 5:44

Instrument :

BNA_F

ClientSampleId :

100418-SIDI-E-U-B

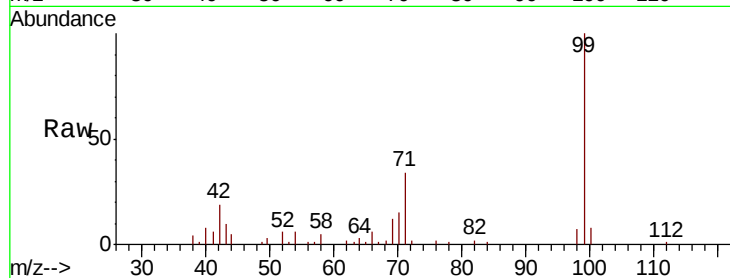
Tgt Ion: 99 Resp: 106867

Ion Ratio Lower Upper

99 100

42 19.0 15.8 23.6

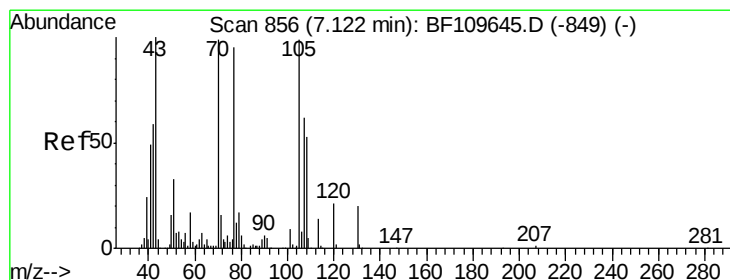
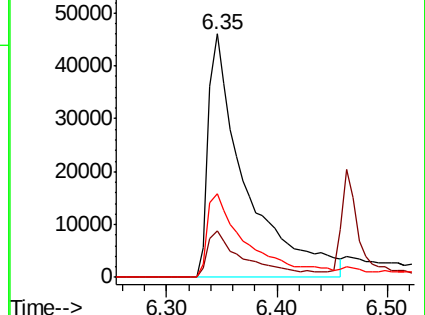
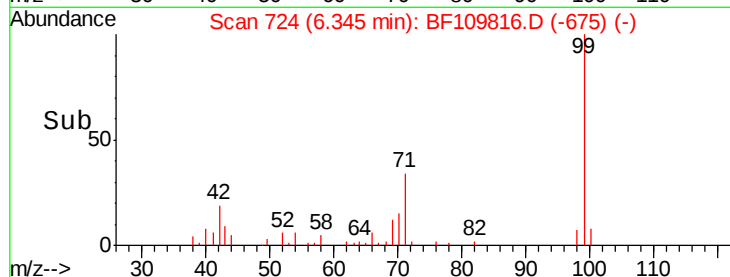
71 34.3 28.0 42.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.999 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF109816.D

Acq: 12 Oct 2018 5:44

Tgt Ion: 70 Resp: 60511

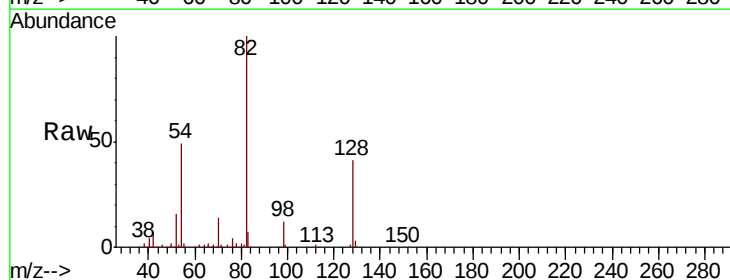
Ion Ratio Lower Upper

70 100

42 47.8 47.4 71.2

101 0.0 7.3 10.9#

130 1.9 16.2 24.2#

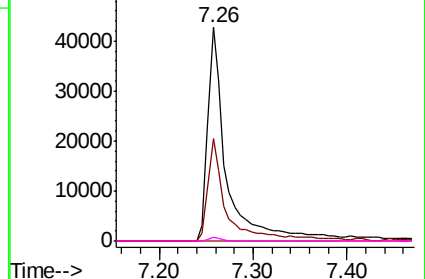
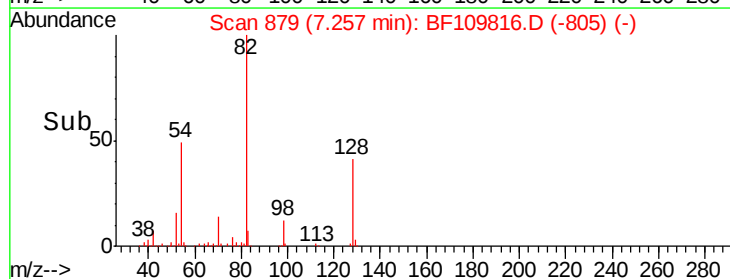


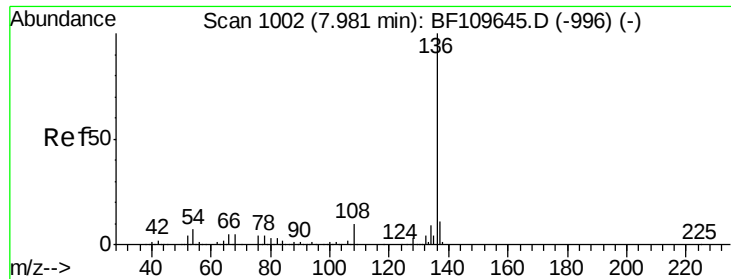
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF109816.D

Acq: 12 Oct 2018 5:44

Instrument :

BNA_F

ClientSampleId :

100418-SIDI-E-U-B

Tgt Ion:136 Resp: 271844

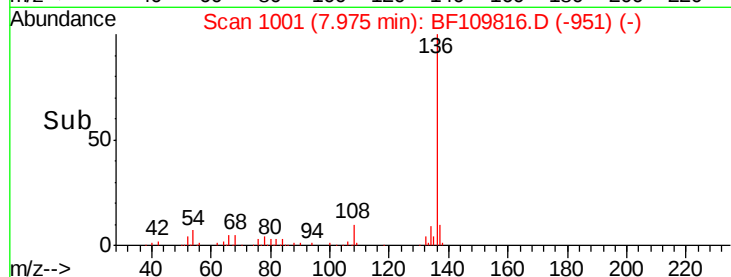
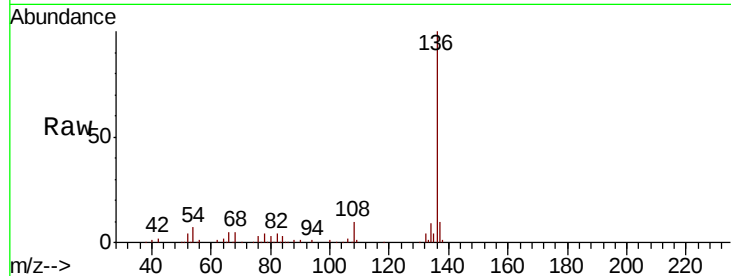
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 6.8 5.4 8.2

68 5.4 4.2 6.2

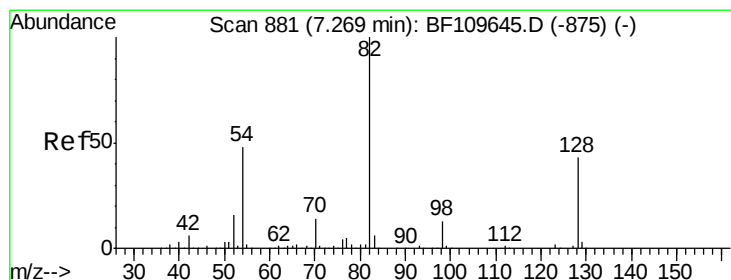
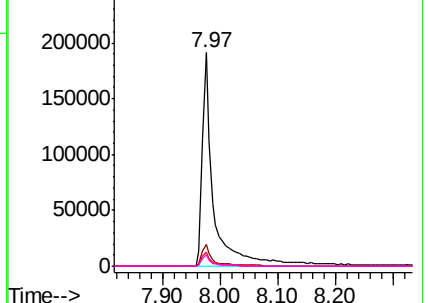


Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.609 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF109816.D

Acq: 12 Oct 2018 5:44

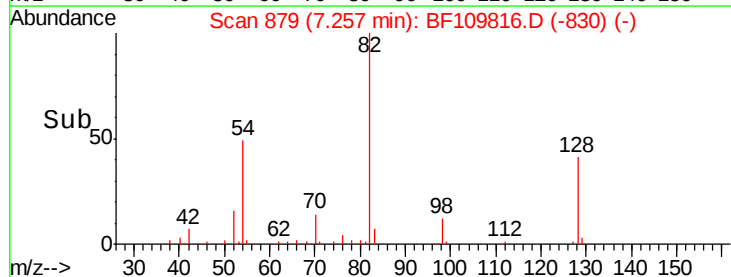
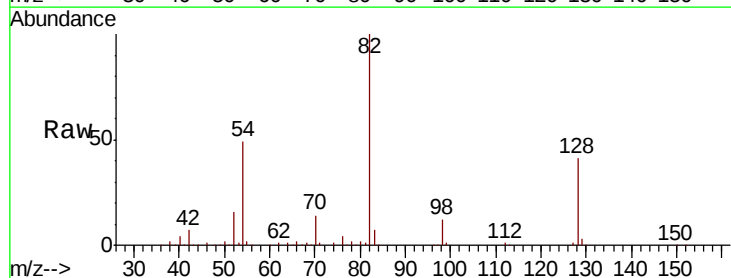
Tgt Ion: 82 Resp: 476434

Ion Ratio Lower Upper

82 100

128 41.4 34.2 51.2

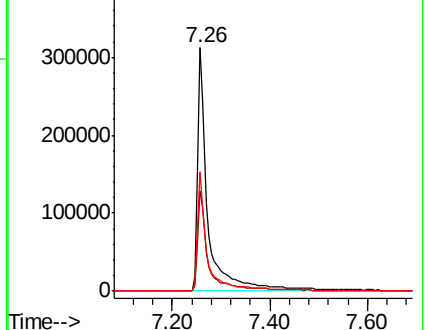
54 49.3 38.6 58.0

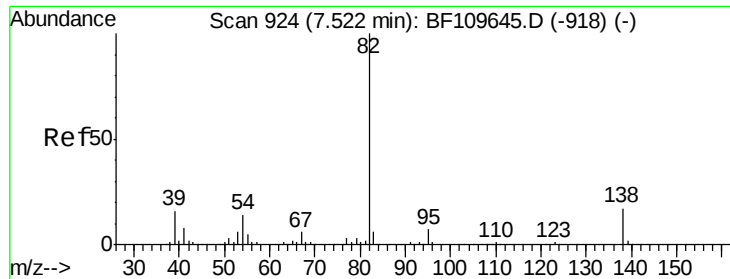


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 58.854 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.26 min

Lab File: BF109816.D

Acq: 12 Oct 2018 5:44

Instrument :

BNA_F

ClientSampleId :

100418-SIDI-E-U-B

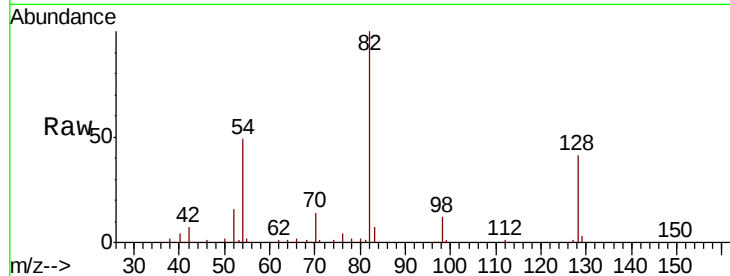
Tgt Ion: 82 Resp: 481965

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

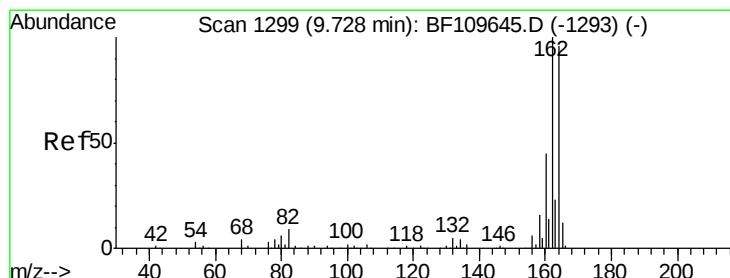
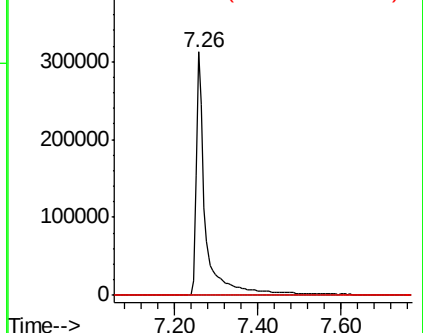
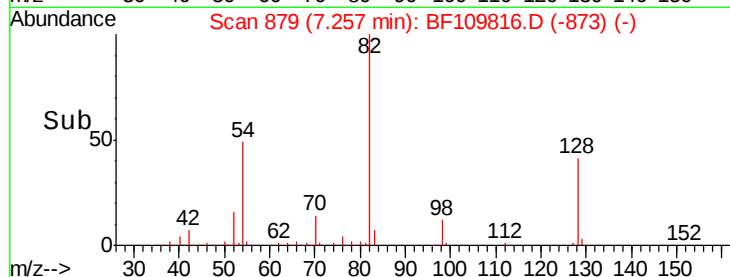
138 0.0 13.2 19.8#



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: BF109816.D

Acq: 12 Oct 2018 5:44

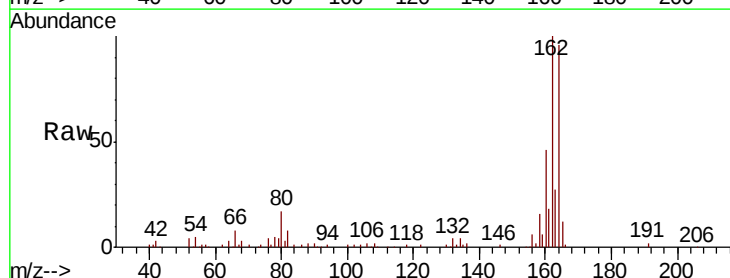
Tgt Ion: 164 Resp: 107387

Ion Ratio Lower Upper

164 100

162 104.0 83.0 124.6

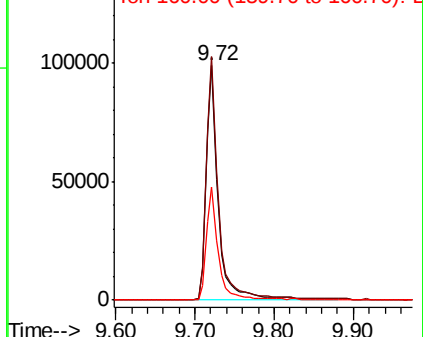
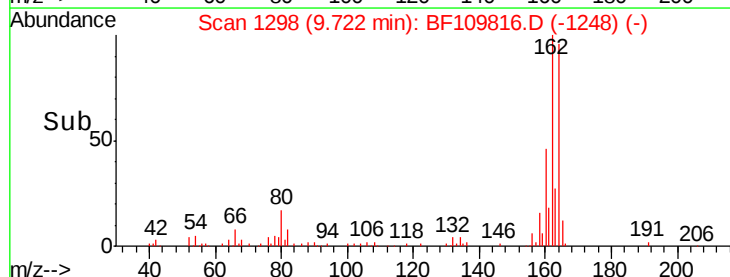
160 48.2 37.0 55.6

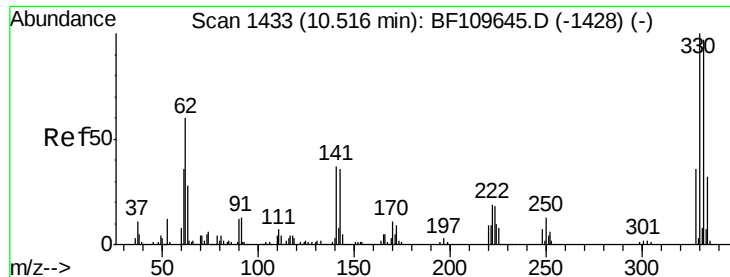


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

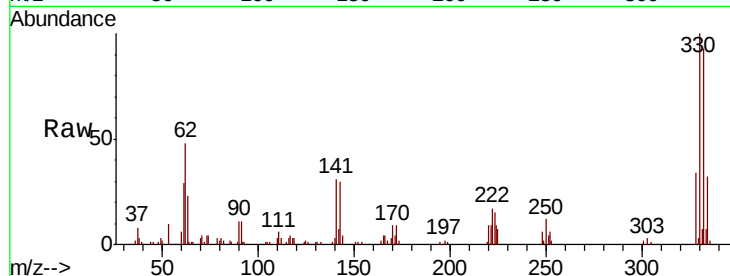




#41
 2,4,6-Tribromophenol
 Concen: 80.930 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109816.D
 Acq: 12 Oct 2018 5:44

Instrument :
 BNA_F
 ClientSampleId :
 100418-SIDI-E-U-B

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.1	115.7
141	34.5	27.0	40.4

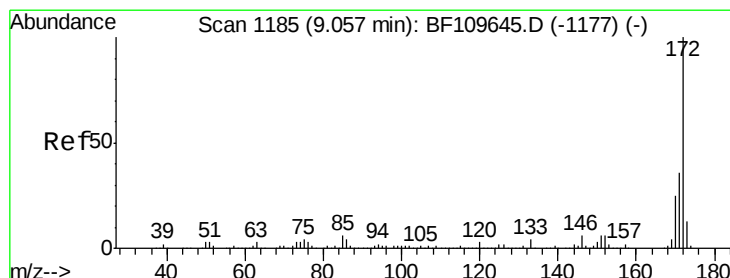
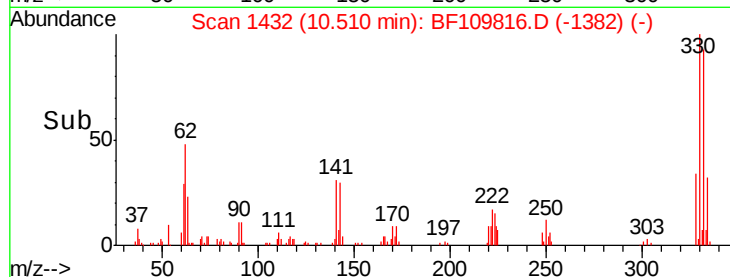
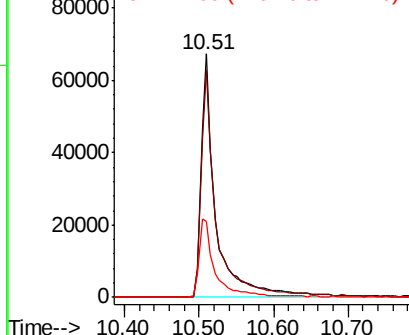


Abundance

Ion 329.80 (329.50 to 330.50): E

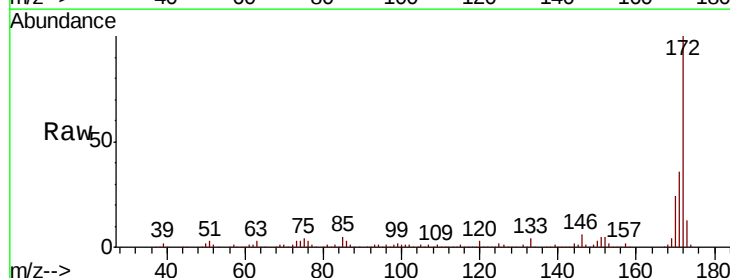
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 99.592 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109816.D
 Acq: 12 Oct 2018 5:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	23.7	19.7	29.5

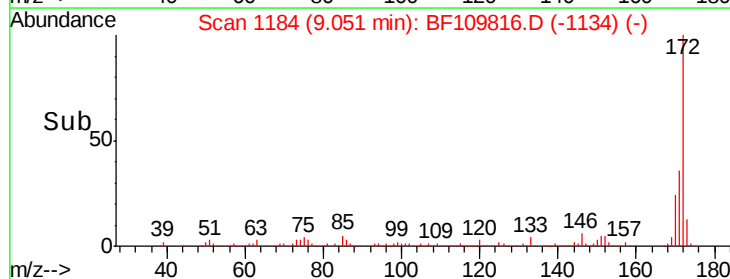
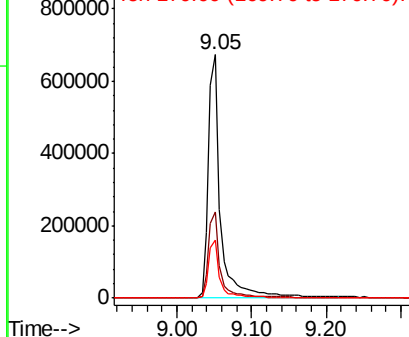


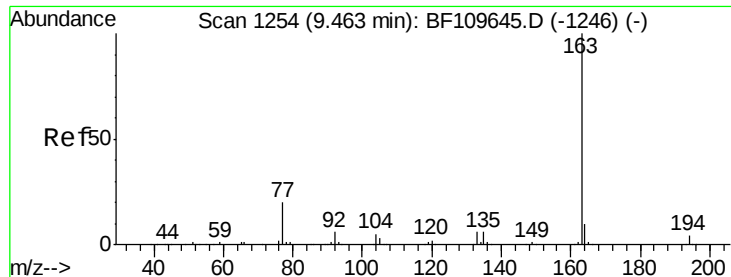
Abundance

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

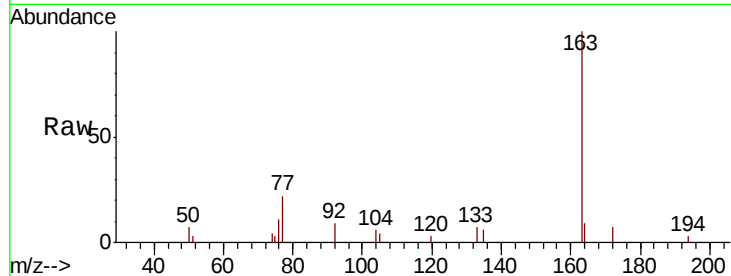




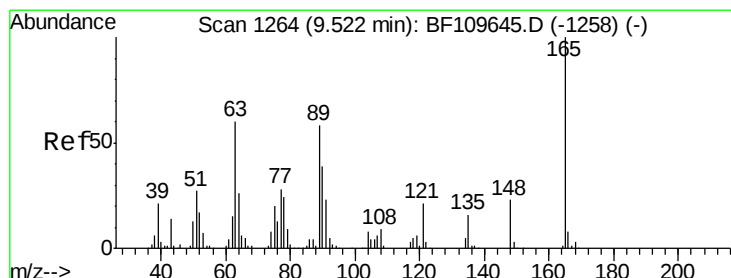
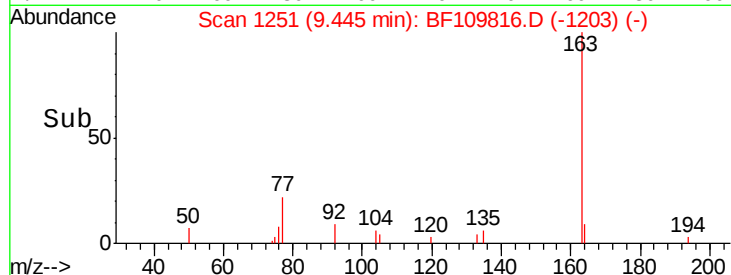
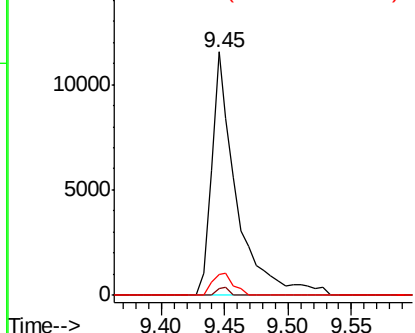
#49
Dimethylphthalate
Concen: 2.002 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109816.D
Acq: 12 Oct 2018 5:44

Instrument :
BNA_F
ClientSampleId :
100418-SIDI-E-U-B

Tgt Ion:163 Resp: 15764
Ion Ratio Lower Upper
163 100
194 3.0 3.2 4.8#
164 8.8 8.1 12.1

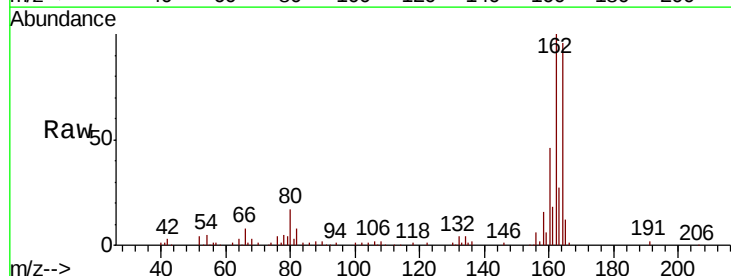


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

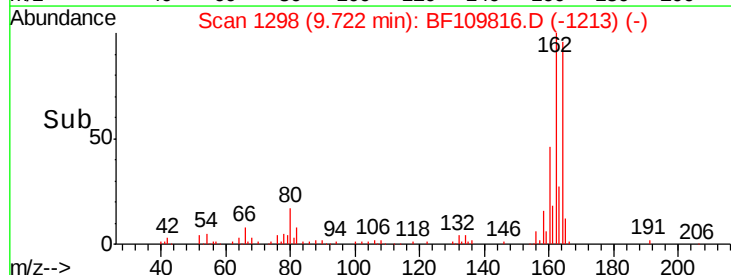
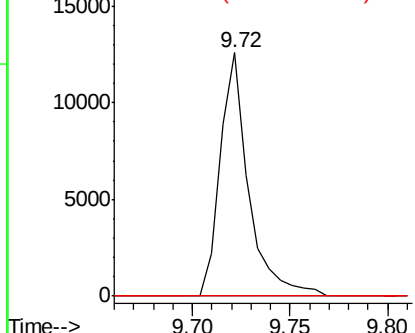


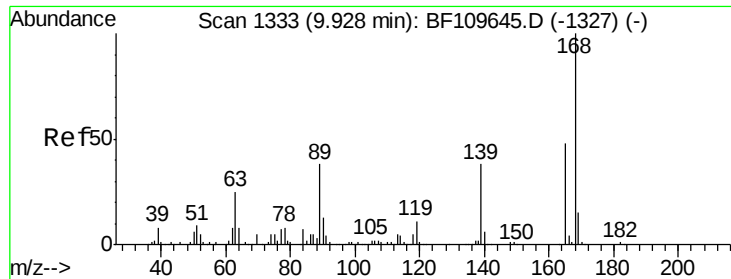
#50
2,6-Dinitrotoluene
Concen: 7.450 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.20 min
Lab File: BF109816.D
Acq: 12 Oct 2018 5:44

Tgt Ion:165 Resp: 12718
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

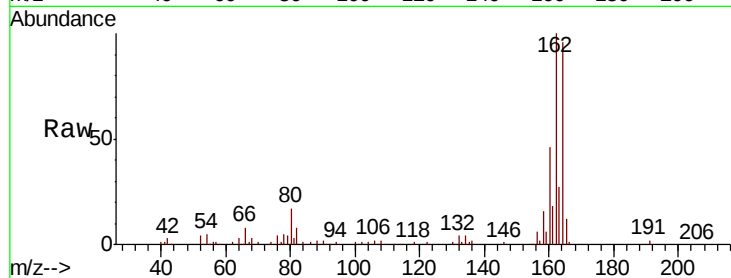




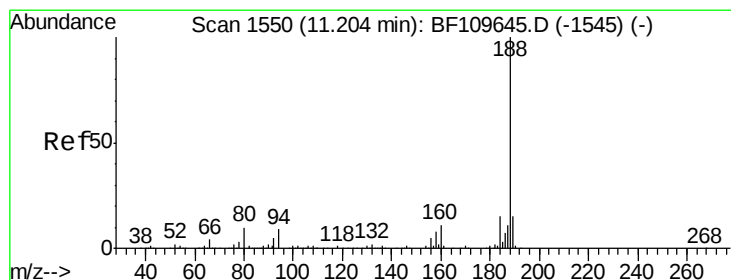
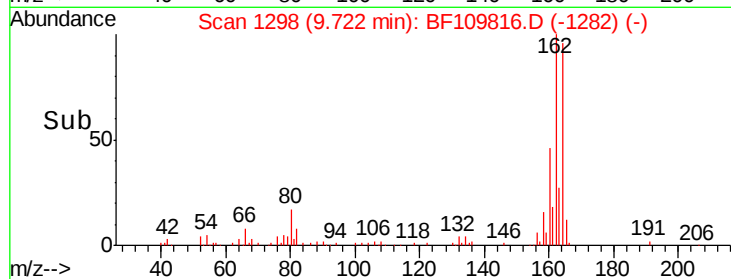
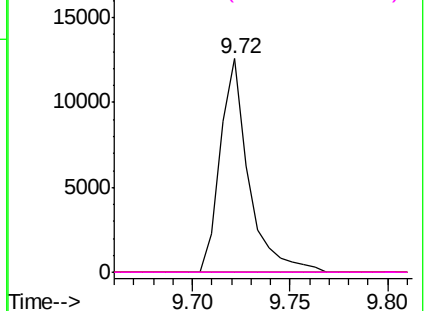
#56
 2,4-Dinitrotoluene
 Concen: 5.969 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.21 min
 Lab File: BF109816.D
 Acq: 12 Oct 2018 5:44

Instrument :
 BNA_F
 ClientSampleId :
 100418-SIDI-E-U-B

Tgt Ion:	165	Resp:	12718
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#

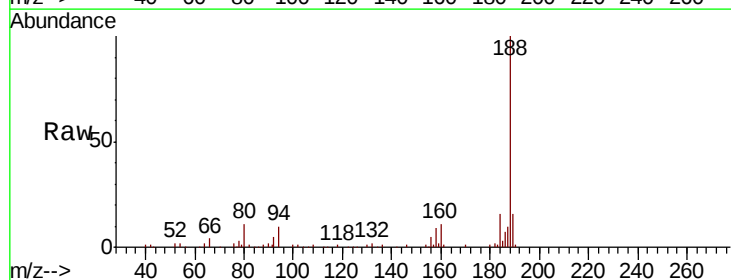


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

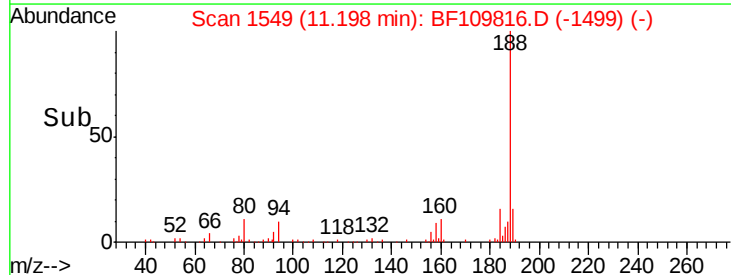
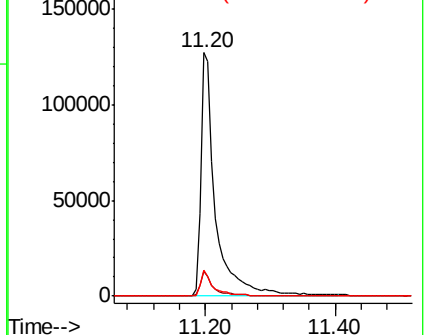


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF109816.D
 Acq: 12 Oct 2018 5:44

Tgt Ion:	188	Resp:	198629
Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.2	10.8
80	10.8	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

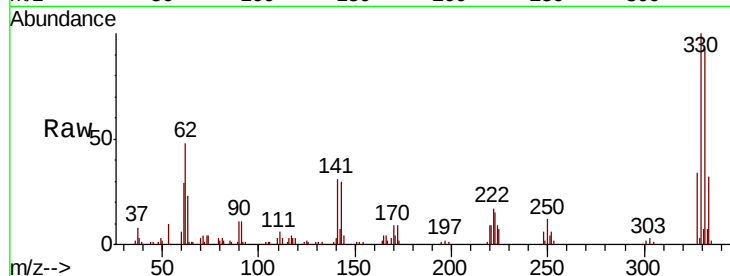




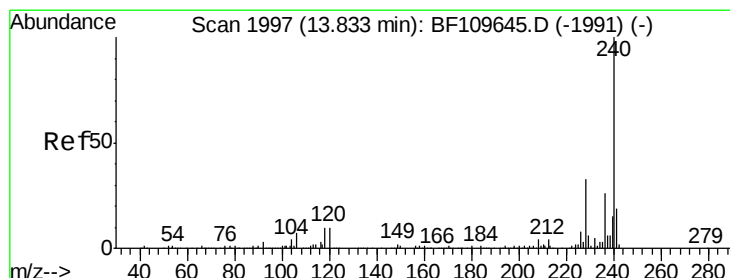
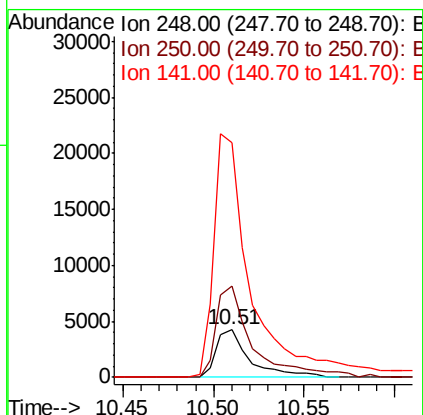
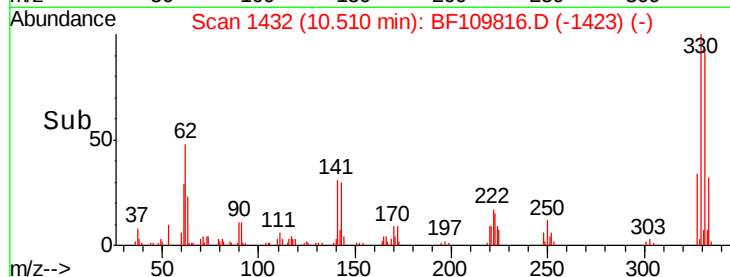
#66
4-Bromophenyl-phenylether
Concen: 2.393 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF109816.D
Acq: 12 Oct 2018 5:44

Instrument :
BNA_F
ClientSampleId :
100418-SIDI-E-U-B

Tgt Ion:248 Resp: 5462
Ion Ratio Lower Upper
248 100
250 192.0 79.4 119.2#
141 496.4 55.9 83.9#

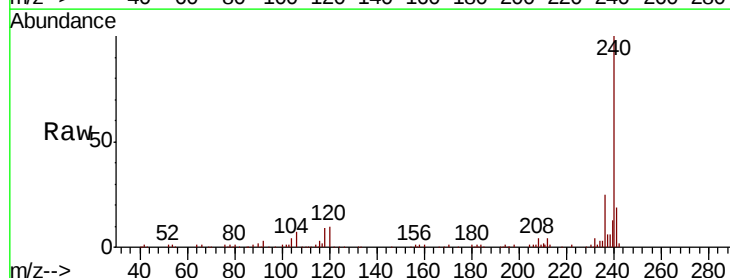


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

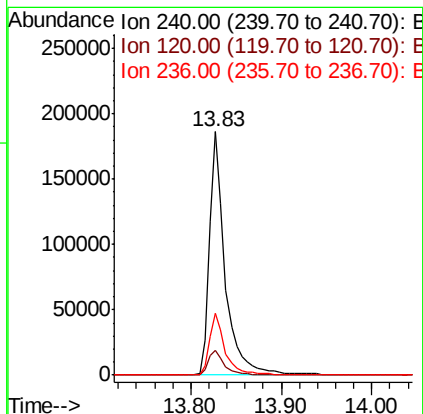
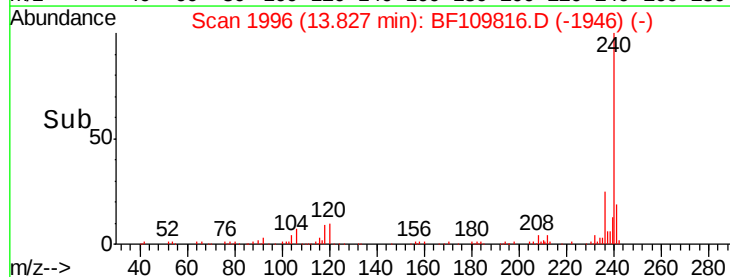


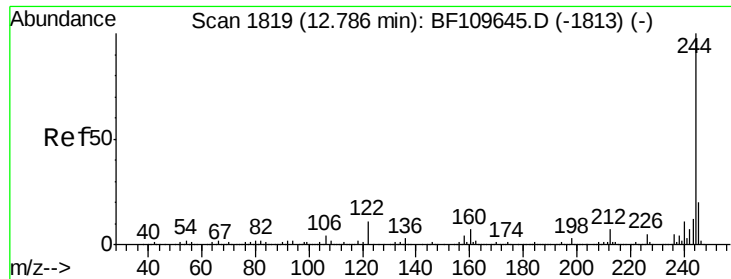
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109816.D
Acq: 12 Oct 2018 5:44

Tgt Ion:240 Resp: 229154
Ion Ratio Lower Upper
240 100
120 10.4 8.3 12.5
236 25.2 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

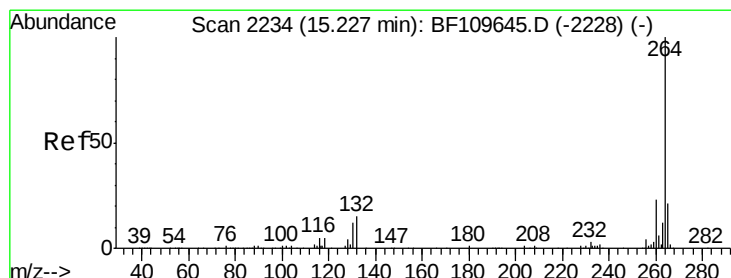
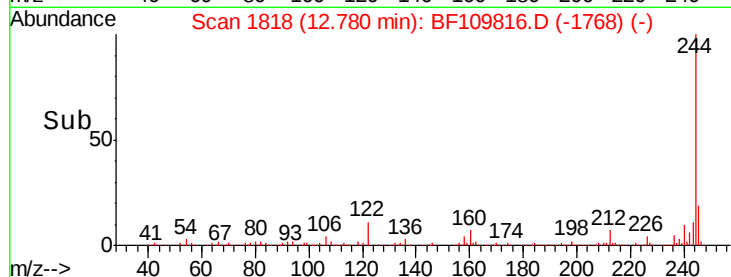
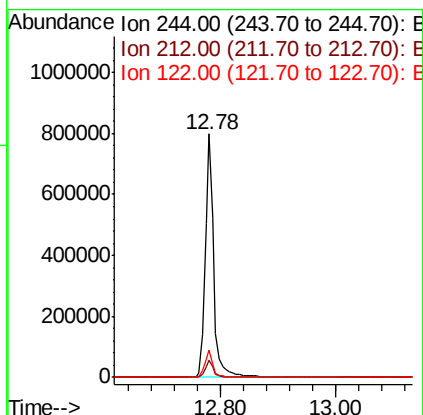
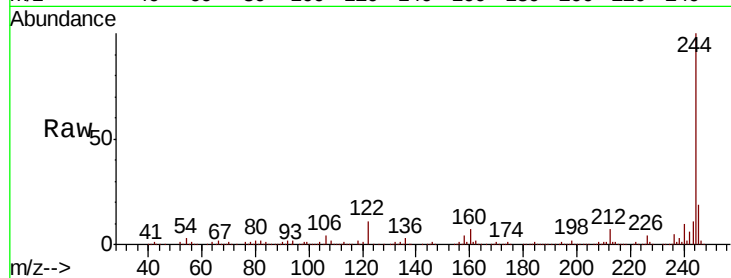




#78
 Terphenyl-d14
 Concen: 69.885 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BF109816.D
 Acq: 12 Oct 2018 5:44

Instrument :
 BNA_F
 ClientSampleId :
 100418-SIDI-E-U-B

Tgt Ion: 244 Resp: 827264
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 11.4 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: BF109816.D
 Acq: 12 Oct 2018 5:44

Tgt Ion: 264 Resp: 157264
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.7 28.1
 265 22.0 16.7 25.1

