

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111318\
 Data File : BF110750.D
 Acq On : 14 Nov 2018 6:00
 Operator : JU/SJ
 Sample : J5916-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 110918-SIDI-F-U-S

Quant Time: Nov 14 07:14:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

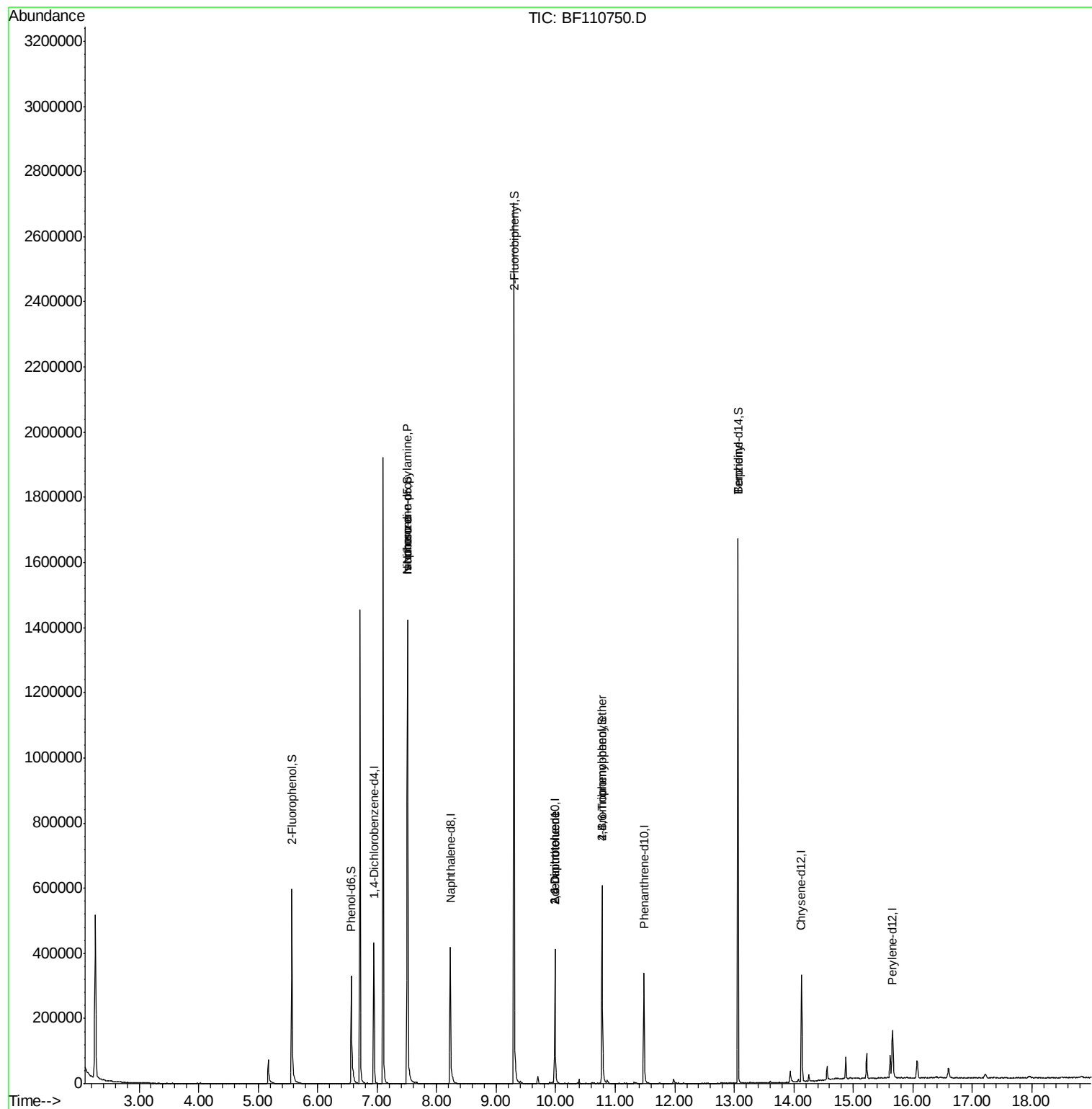
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	65528	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	254252	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	94432	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	150393	20.00	ng	0.00
76) Chrysene-d12	14.13	240	131912	20.00	ng	-0.01
87) Perylene-d12	15.66	264	82032	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	189539	46.98	ng	0.00
7) Phenol-d6	6.56	99	138824	26.91	ng	-0.01
23) Nitrobenzene-d5	7.51	82	488459	110.64	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	83454	87.71	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	805668	121.85	ng	0.00
79) Terphenyl-d14	13.06	244	587798	83.45	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	65160	19.787	ng	# 79
25) Isophorone	7.51	82	488456	67.503	ng	# 67
51) 2,6-Dinitrotoluene	9.99	165	12285	7.926	ng	# 21
57) 2,4-Dinitrotoluene	9.99	165	12285	6.096	ng	# 17
67) 4-Bromophenyl-phenylether	10.78	248	5103	3.070	ng	# 1
77) Benzidine	13.06	184	8011	2.208	ng	97

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

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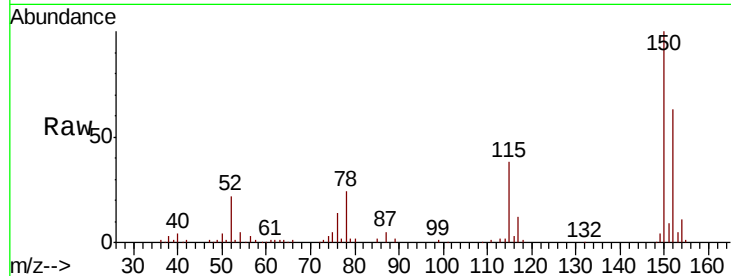




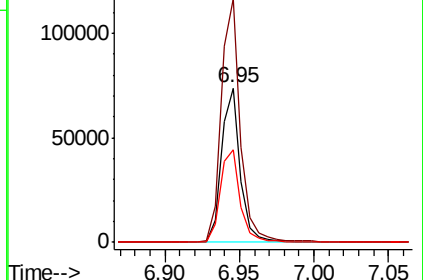
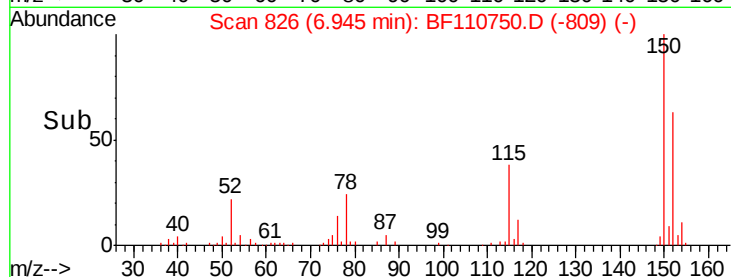
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF110750.D
 Acq: 14 Nov 2018 6:00

Instrument :
 BNA_F
 ClientSampleId :
 110918-SIDI-F-U-S

Tgt Ion:152 Resp: 65528
 Ion Ratio Lower Upper
 152 100
 150 157.8 122.7 184.1
 115 60.0 49.1 73.7

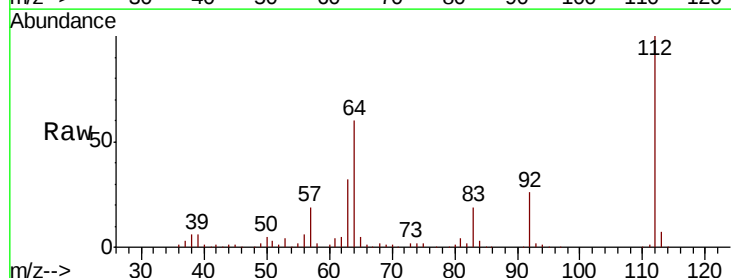


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

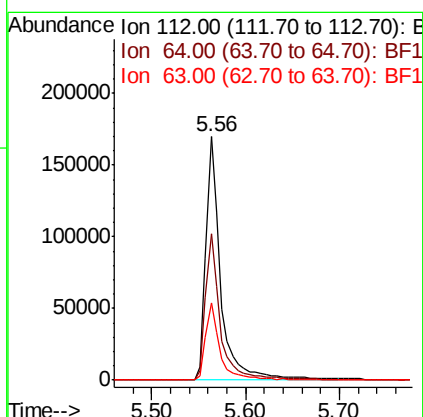
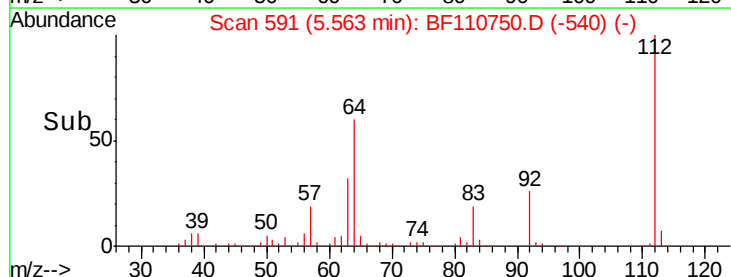


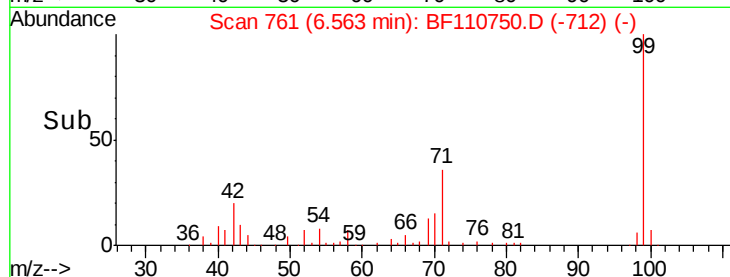
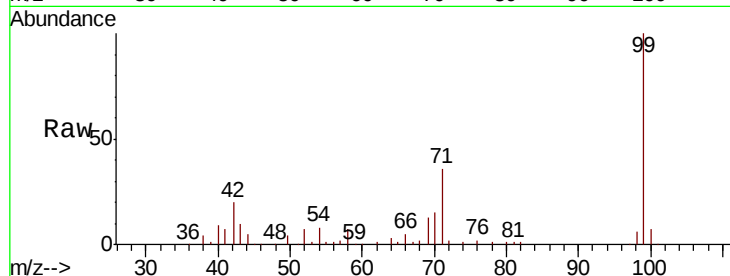
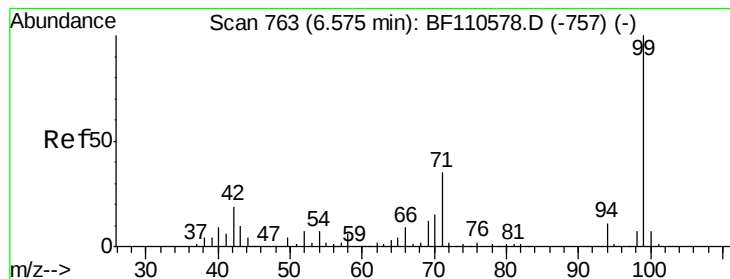
#5
 2-Fluorophenol
 Concen: 46.983 ng
 RT: 5.56 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF110750.D
 Acq: 14 Nov 2018 6:00

Tgt Ion:112 Resp: 189539
 Ion Ratio Lower Upper
 112 100
 64 60.0 44.1 66.1
 63 31.7 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: 26.910 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110750.D

Acq: 14 Nov 2018 6:00

Instrument :

BNA_F

ClientSampleId :

110918-SIDI-F-U-S

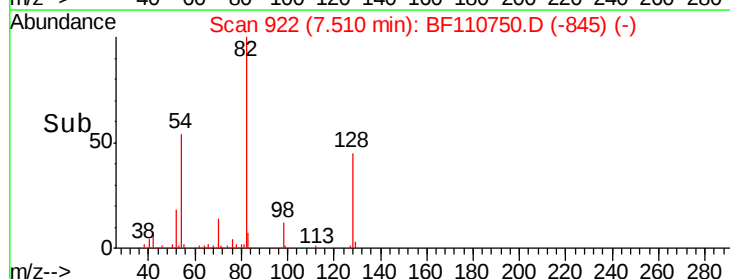
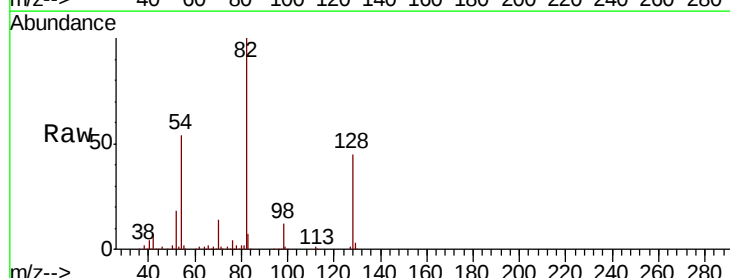
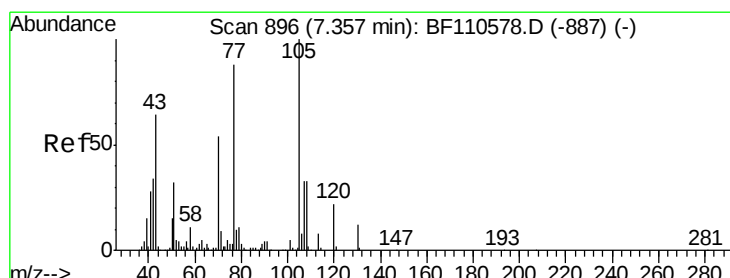
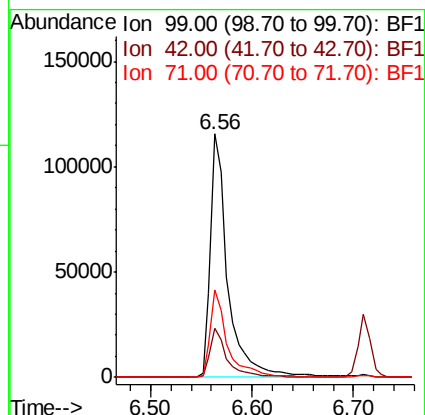
Tgt Ion: 99 Resp: 138824

Ion Ratio Lower Upper

99 100

42 20.0 15.8 23.6

71 36.2 28.0 42.0



#19

n-Nitroso-di-n-propylamine

Concen: 19.787 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.15 min

Lab File: BF110750.D

Acq: 14 Nov 2018 6:00

Tgt Ion: 70 Resp: 65160

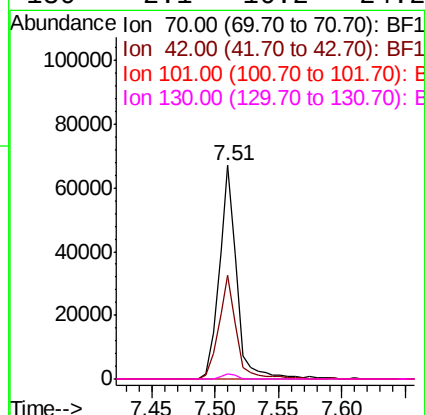
Ion Ratio Lower Upper

70 100

42 48.3 47.4 71.2

101 0.0 7.3 10.9#

130 2.1 16.2 24.2#

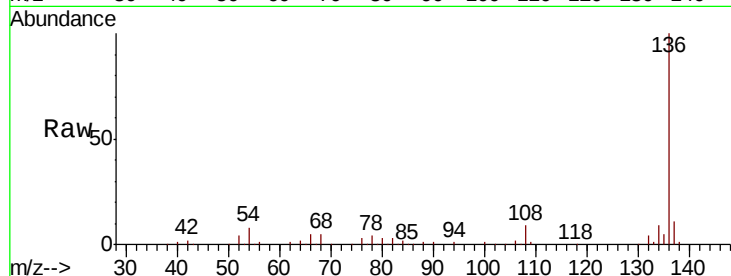




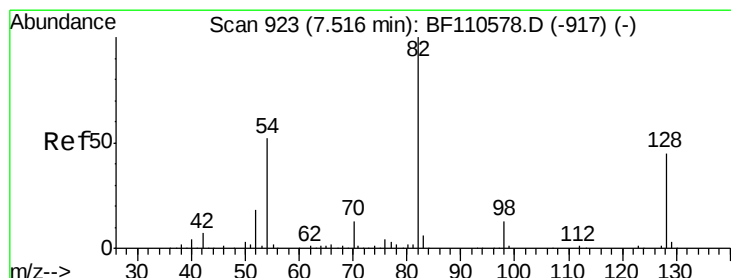
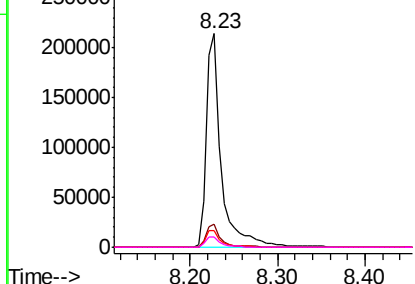
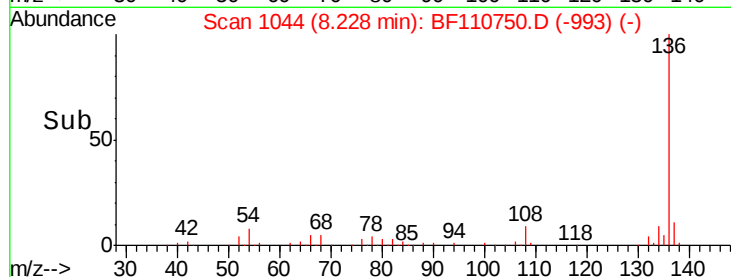
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110750.D
Acq: 14 Nov 2018 6:00

Instrument :
BNA_F
ClientSampleId :
110918-SIDI-F-U-S

Tgt Ion:	136	Resp:	254252
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.9	5.4	8.2
68	4.9	4.2	6.2

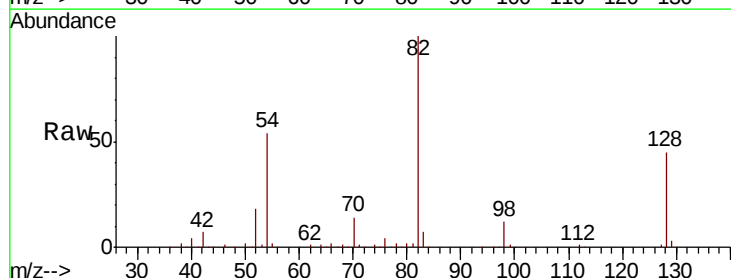


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

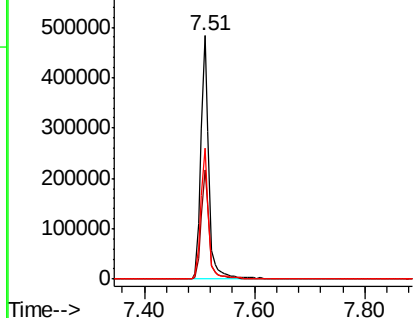
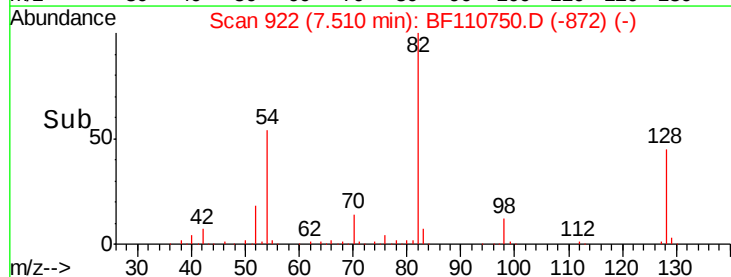


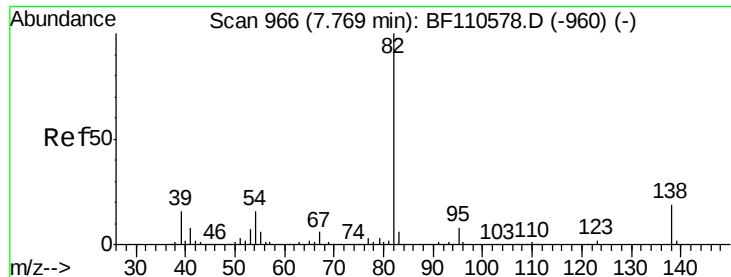
#23
Nitrobenzene-d5
Concen: 110.639 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110750.D
Acq: 14 Nov 2018 6:00

Tgt Ion:	82	Resp:	488459
Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.2	51.2
54	53.9	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

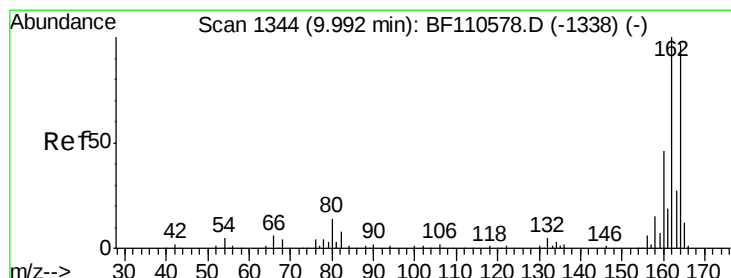
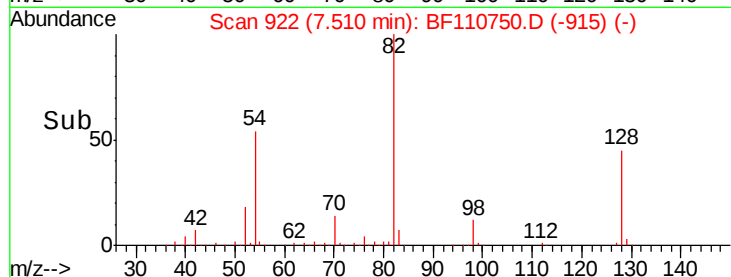
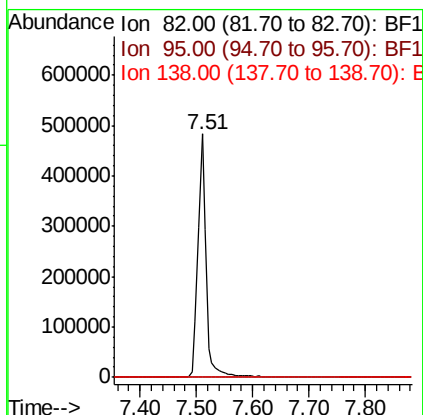
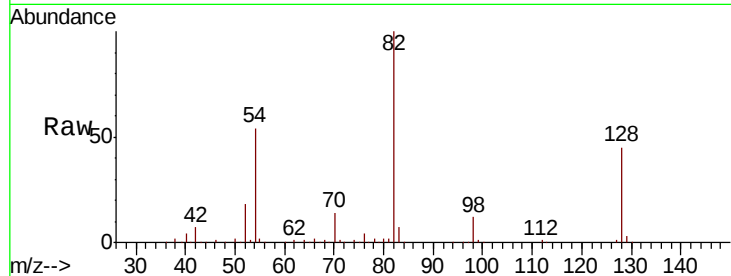




#25
Isophorone
Concen: 67.503 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF110750.D
Acq: 14 Nov 2018 6:00

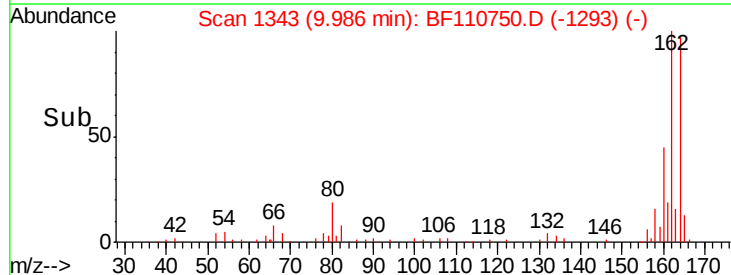
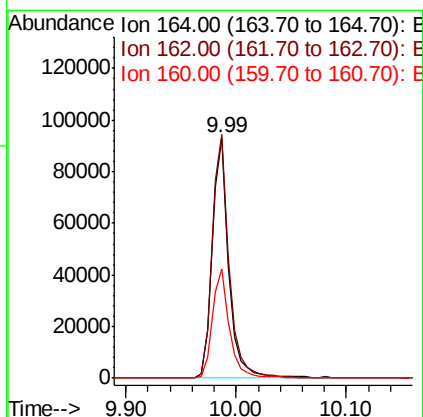
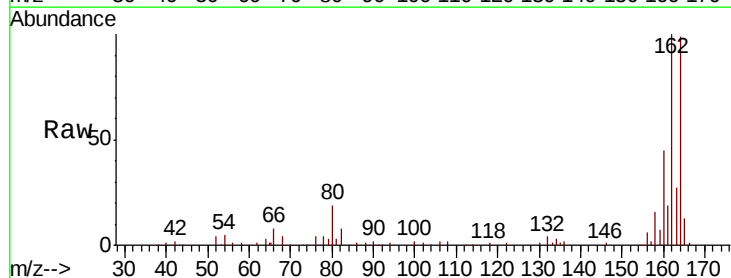
Instrument :
BNA_F
ClientSampleId :
110918-SIDI-F-U-S

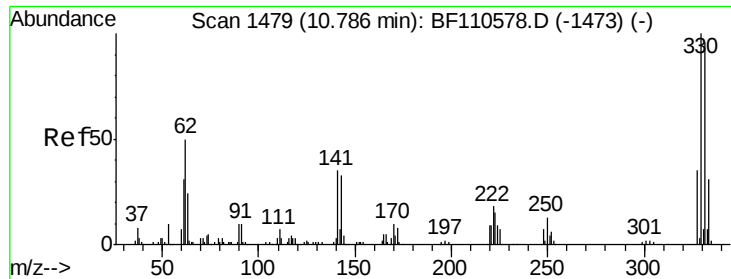
Tgt Ion: 82 Resp: 488456
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110750.D
Acq: 14 Nov 2018 6:00

Tgt Ion: 164 Resp: 94432
Ion Ratio Lower Upper
164 100
162 101.5 83.0 124.6
160 45.7 37.0 55.6

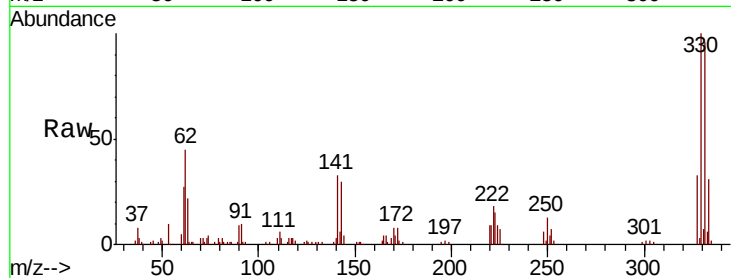




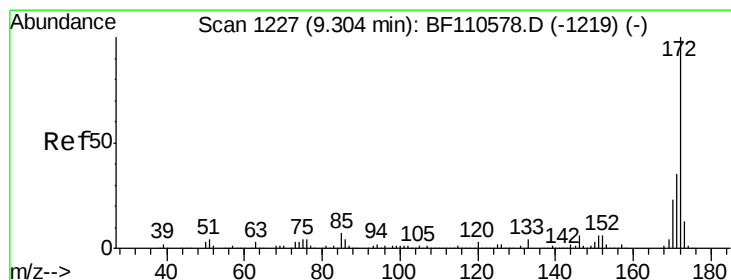
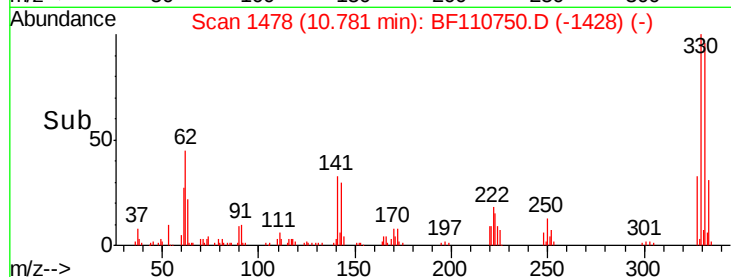
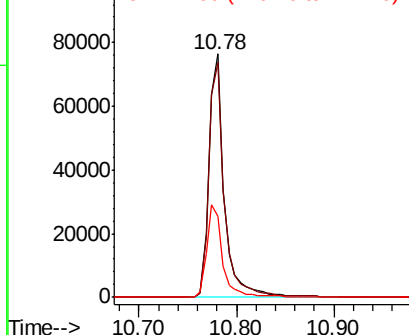
#42
 2,4,6-Tribromophenol
 Concen: 87.706 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110750.D
 Acq: 14 Nov 2018 6:00

Instrument :
 BNA_F
 ClientSampleId :
 110918-SIDI-F-U-S

Tgt Ion: 330 Resp: 83454
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.1 115.7
 141 38.9 27.0 40.4

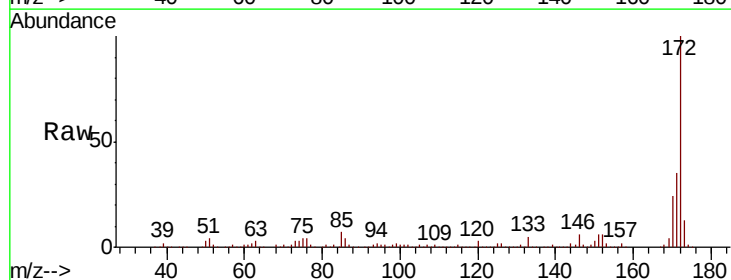


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

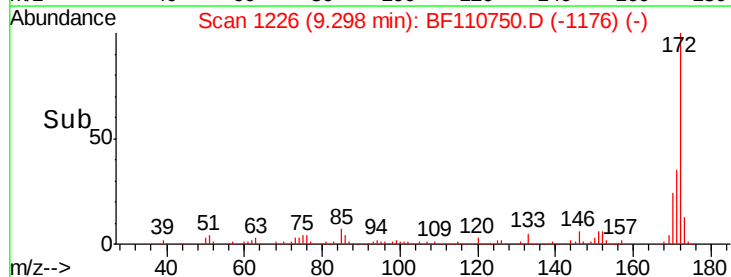
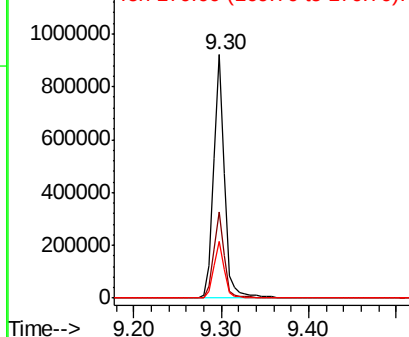


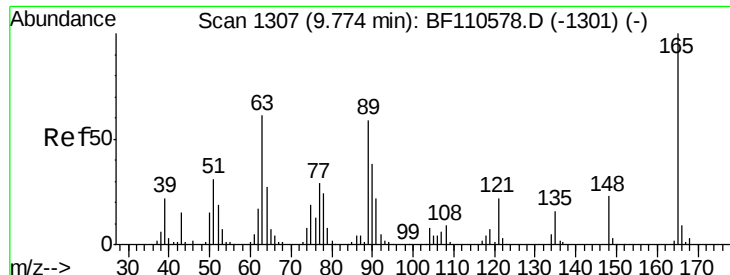
#45
 2-Fluorobiphenyl
 Concen: 121.849 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110750.D
 Acq: 14 Nov 2018 6:00

Tgt Ion: 172 Resp: 805668
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.6 43.0
 170 23.5 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

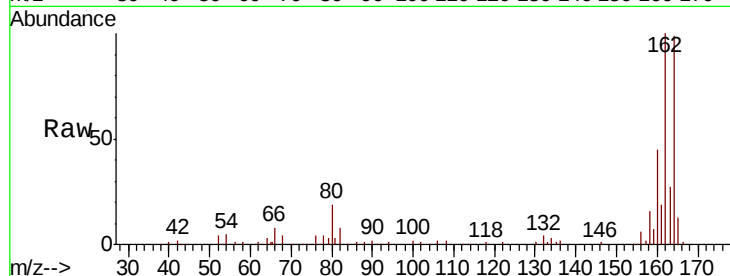




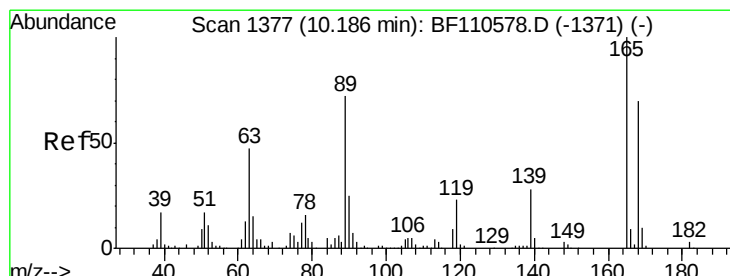
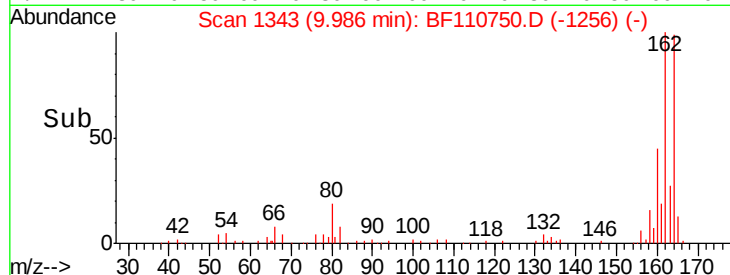
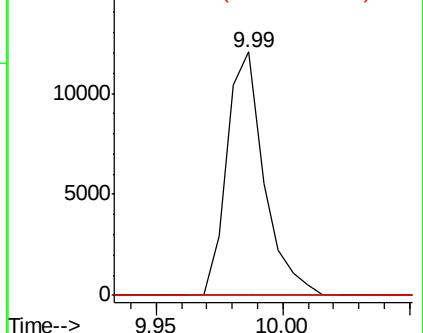
#51
 2,6-Dinitrotoluene
 Concen: 7.926 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.21 min
 Lab File: BF110750.D
 Acq: 14 Nov 2018 6:00

Instrument :
 BNA_F
 ClientSampleId :
 110918-SIDI-F-U-S

Tgt Ion:	165	Resp:	12285
Ion Ratio	Lower	Upper	
165	100		
63	0.0	48.9	73.3#
89	0.0	46.6	69.8#



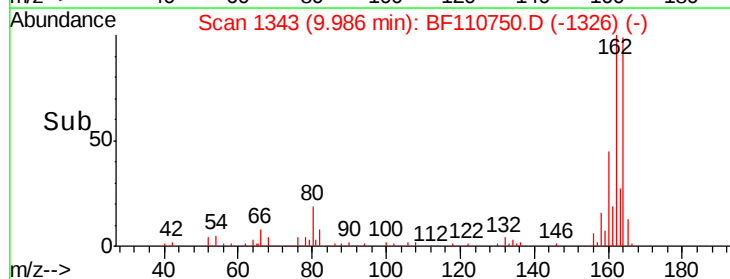
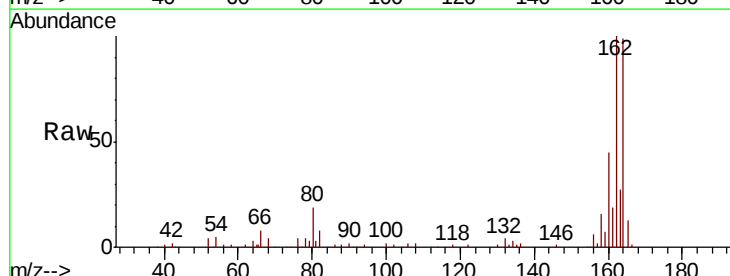
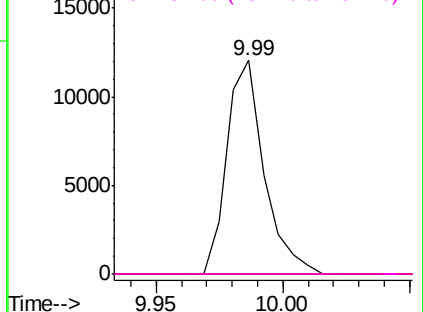
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

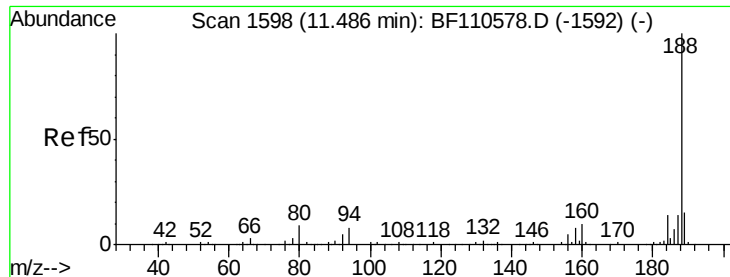


#57
 2,4-Dinitrotoluene
 Concen: 6.096 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.20 min
 Lab File: BF110750.D
 Acq: 14 Nov 2018 6:00

Tgt Ion:	165	Resp:	12285
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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF110750.D

Acq: 14 Nov 2018 6:00

Instrument :

BNA_F

ClientSampleId :

110918-SIDI-F-U-S

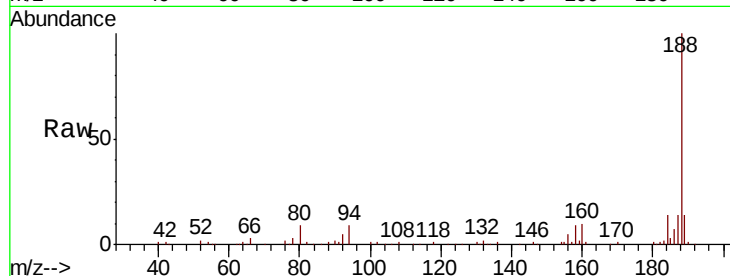
Tgt Ion:188 Resp: 150393

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

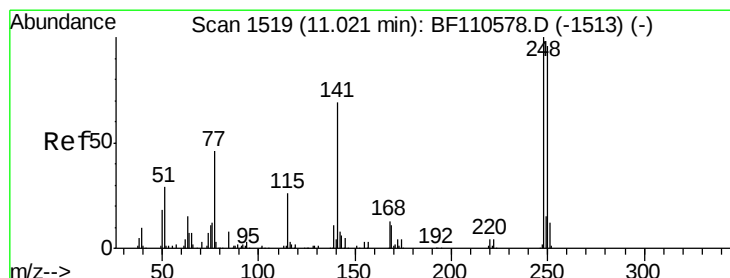
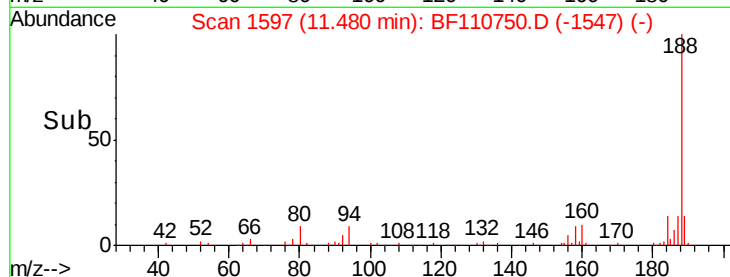
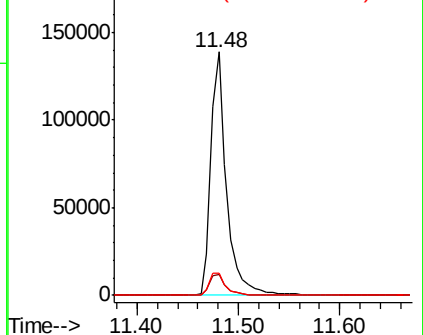
80 8.9 7.9 11.9



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



#67

4-Bromophenyl-phenylether

Concen: 3.070 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.24 min

Lab File: BF110750.D

Acq: 14 Nov 2018 6:00

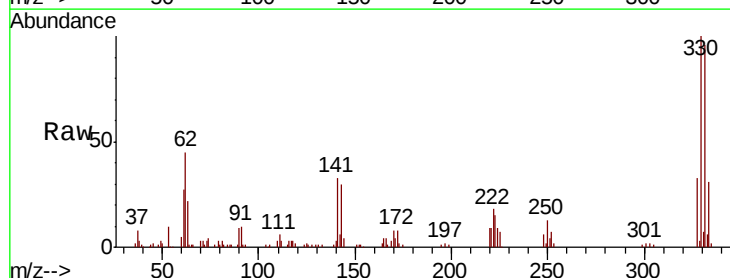
Tgt Ion:248 Resp: 5103

Ion Ratio Lower Upper

248 100

250 199.4 79.4 119.2#

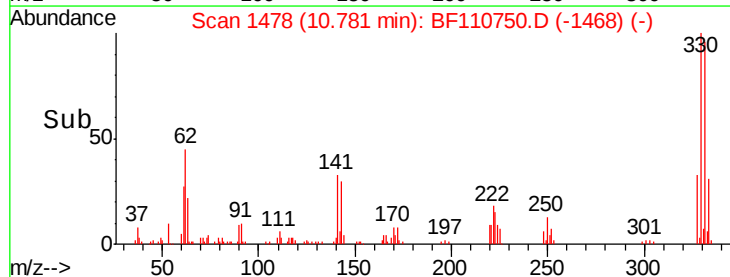
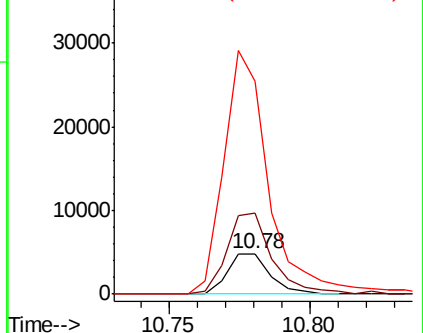
141 523.2 55.9 83.9#

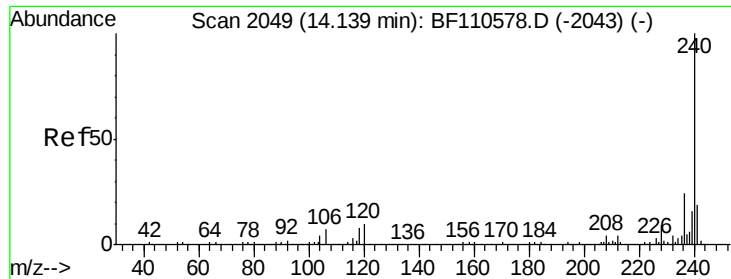


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

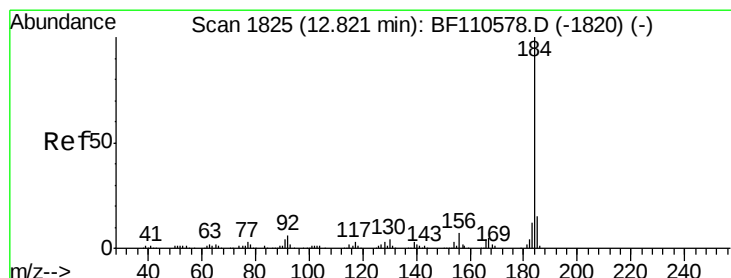
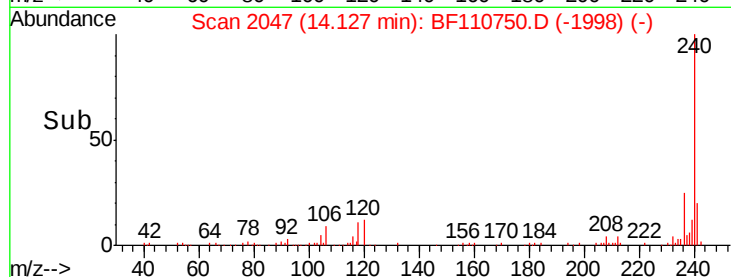
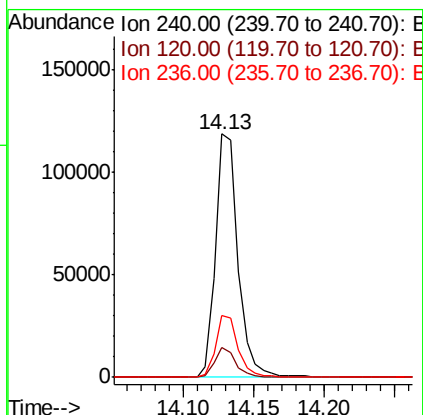
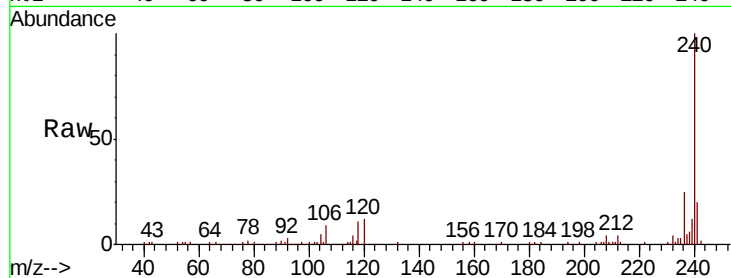




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110750.D
Acq: 14 Nov 2018 6:00

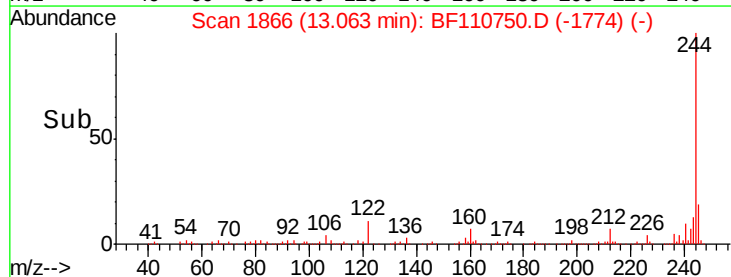
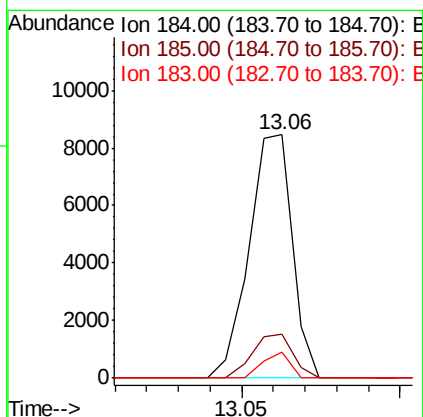
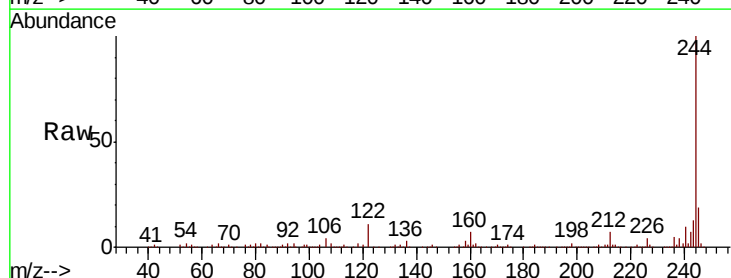
Instrument :
BNA_F
ClientSampleId :
110918-SIDI-F-U-S

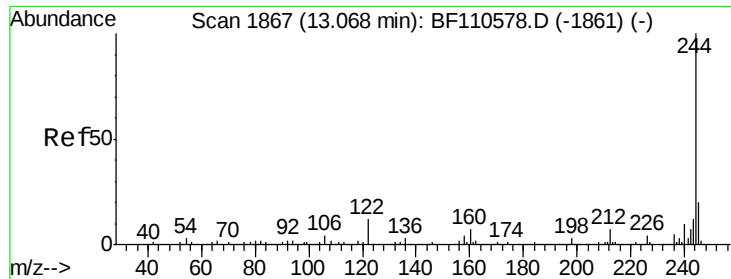
Tgt Ion:240 Resp: 131912
Ion Ratio Lower Upper
240 100
120 12.4 8.3 12.5
236 25.4 21.2 31.8



#77
Benzidine
Concen: 2.208 ng
RT: 13.06 min Scan# 1866
Delta R.T. 0.24 min
Lab File: BF110750.D
Acq: 14 Nov 2018 6:00

Tgt Ion:184 Resp: 8011
Ion Ratio Lower Upper
184 100
185 18.2 13.4 20.2
183 10.7 9.4 14.2





#79

Terphenyl-d14

Concen: 83.450 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110750.D

Acq: 14 Nov 2018 6:00

Instrument :

BNA_F

ClientSampleId :

110918-SIDI-F-U-S

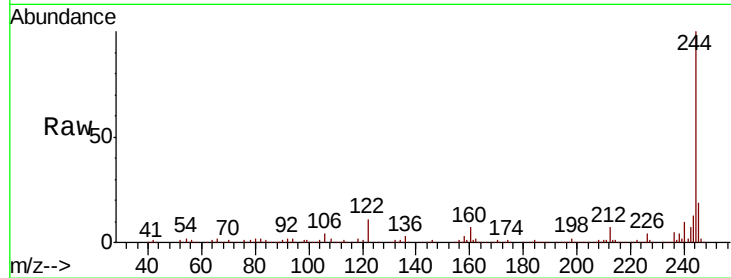
Tgt Ion:244 Resp: 587798

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

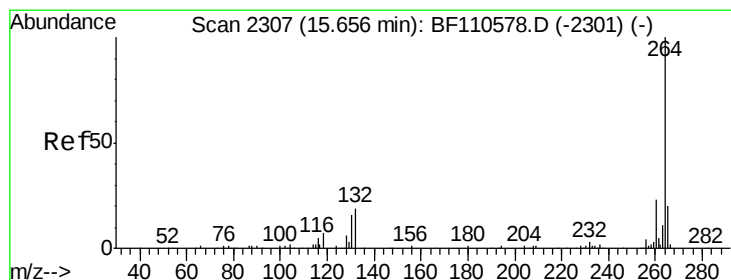
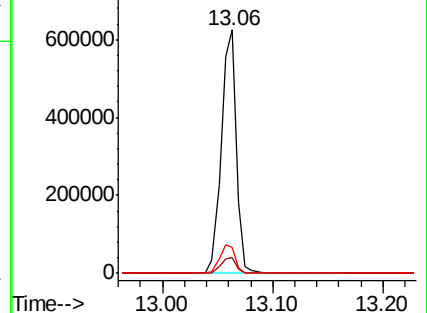
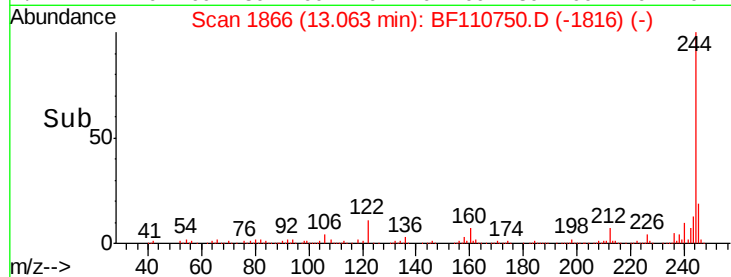
122 10.7 8.7 13.1



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110750.D

Acq: 14 Nov 2018 6:00

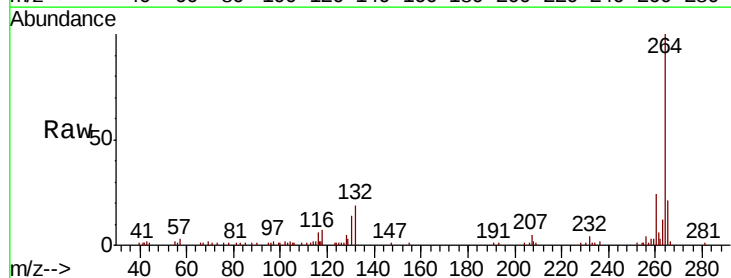
Tgt Ion:264 Resp: 82032

Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 21.2 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

