

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111218\
 Data File : BF110703.D
 Acq On : 13 Nov 2018 5:22
 Operator : JU/SJ
 Sample : J5904-14
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 110818-SIDI-F-U-B

Quant Time: Nov 13 07:19:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 09 15:13:13 2018
 Response via : Initial Calibration

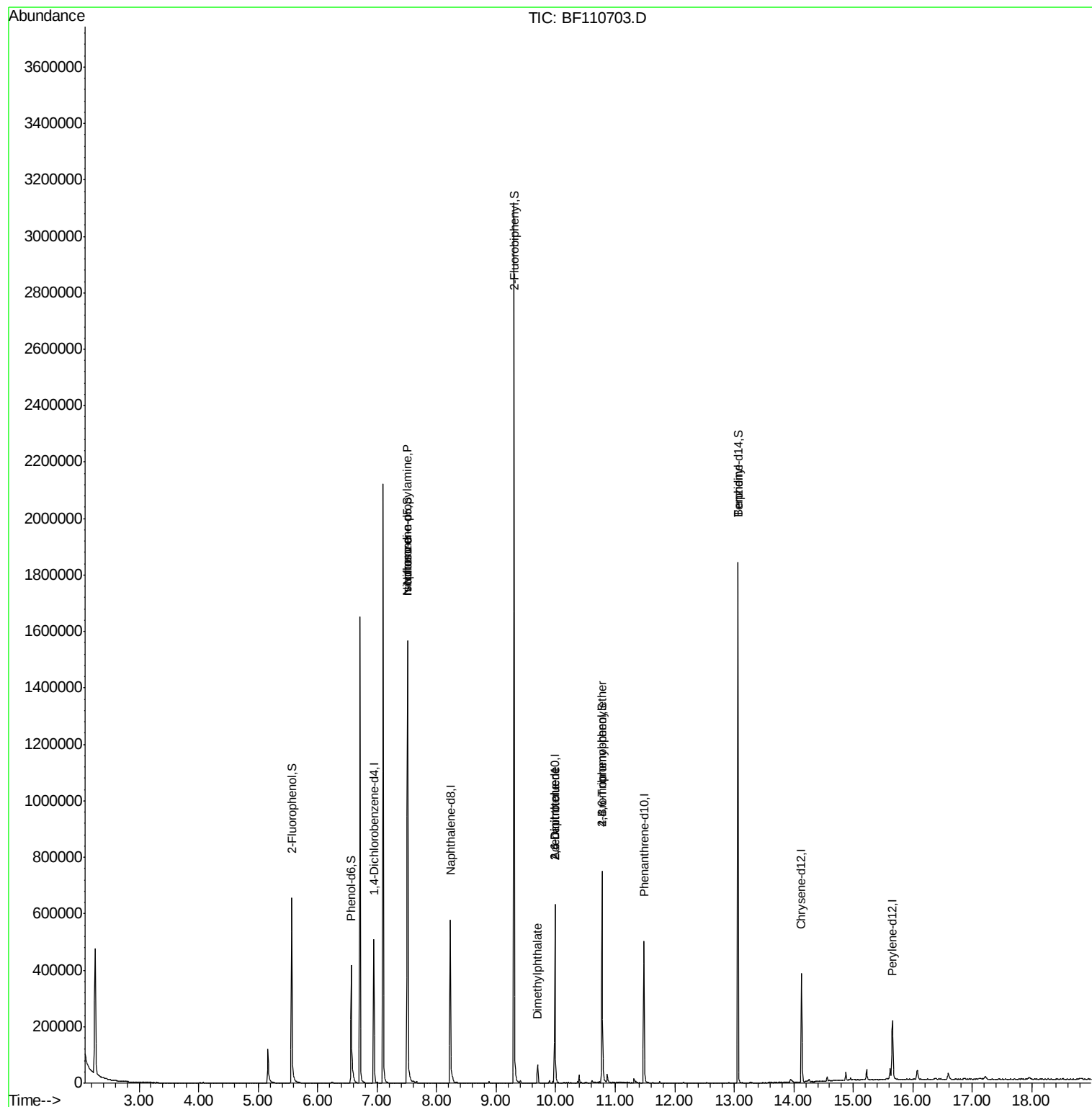
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	80767	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	329538	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	136087	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	213494	20.00	ng	0.00
76) Chrysene-d12	14.13	240	149582	20.00	ng	-0.01
87) Perylene-d12	15.66	264	109243	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	210660	42.37	ng	0.00
7) Phenol-d6	6.56	99	157422	24.76	ng	-0.01
23) Nitrobenzene-d5	7.51	82	567232	99.13	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	95637	69.74	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	994883	104.41	ng	0.00
79) Terphenyl-d14	13.06	244	640756	80.22	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	75375	18.571	ng	# 79
25) Isophorone	7.51	82	567228	60.480	ng	# 67
50) Dimethylphthalate	9.69	163	35426	3.489	ng	# 98
51) 2,6-Dinitrotoluene	9.99	165	17393	7.786	ng	# 22
57) 2,4-Dinitrotoluene	9.99	165	17393	5.988	ng	# 18
67) 4-Bromophenyl-phenylether	10.77	248	5760	2.441	ng	# 1
77) Benzidine	13.06	184	8547	2.078	ng	# 96

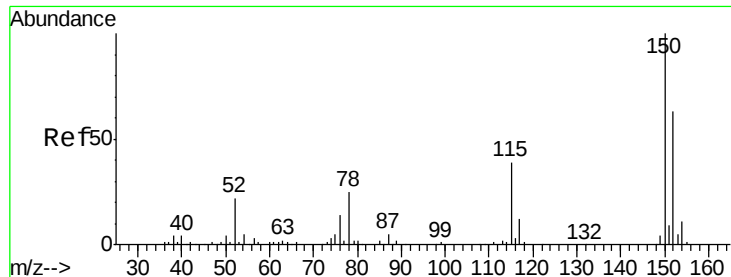
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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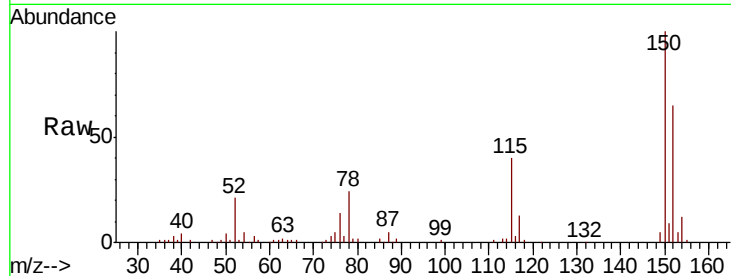


#1

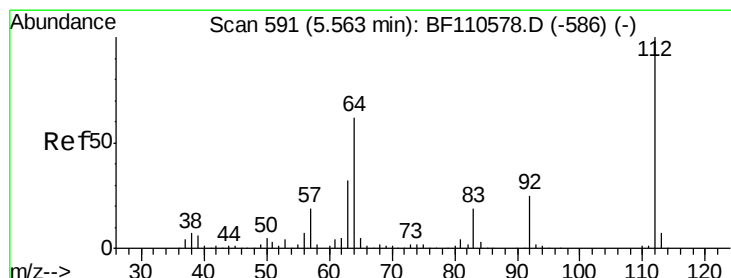
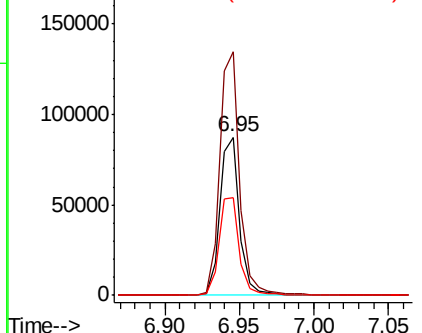
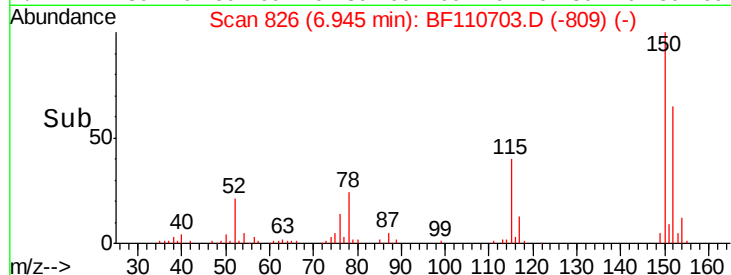
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110703.D
Acq: 13 Nov 2018 5:22

Instrument :
BNA_F
ClientSampleId :
110818-SIDI-F-U-B

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.0	122.7	184.1
115	61.9	49.1	73.7



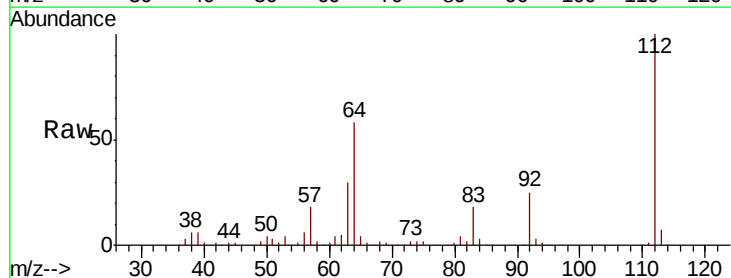
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



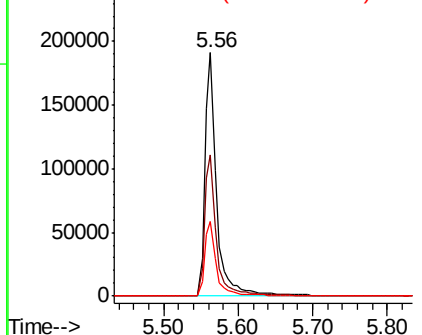
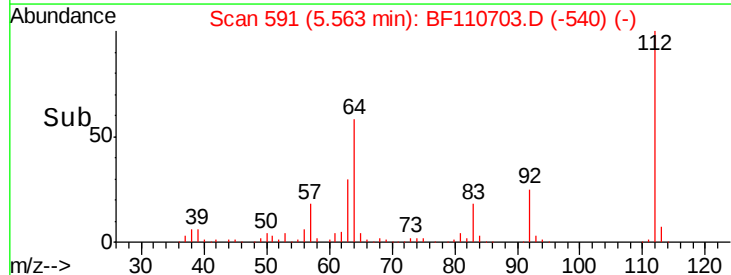
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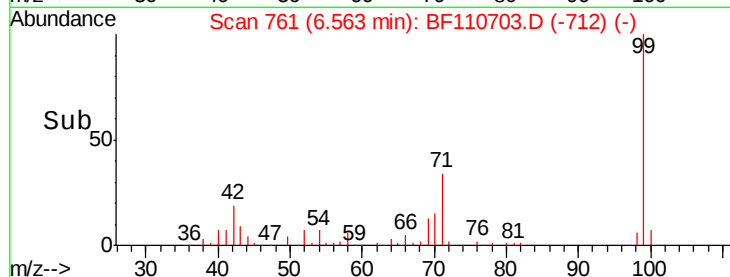
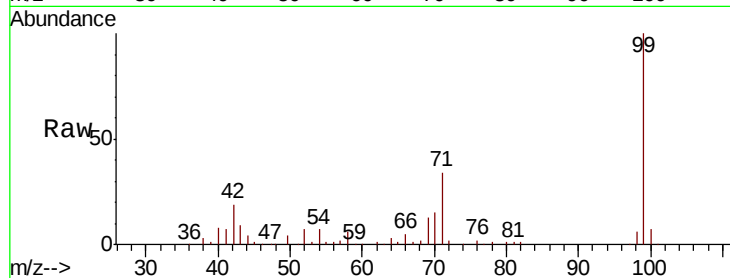
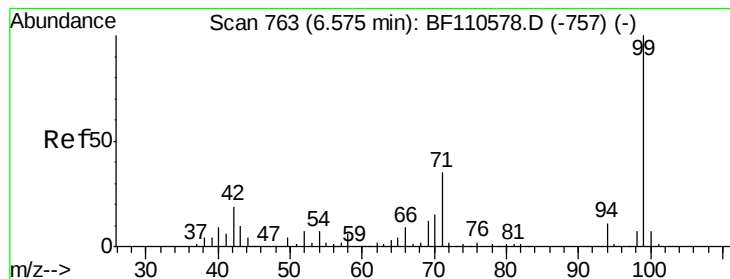
2-Fluorophenol
Concen: 42.366 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110703.D
Acq: 13 Nov 2018 5:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	44.1	66.1
63	30.4	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: 24.758 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110703.D

Acq: 13 Nov 2018 5:22

Instrument :

BNA_F

ClientSampleId :

110818-SIDI-F-U-B

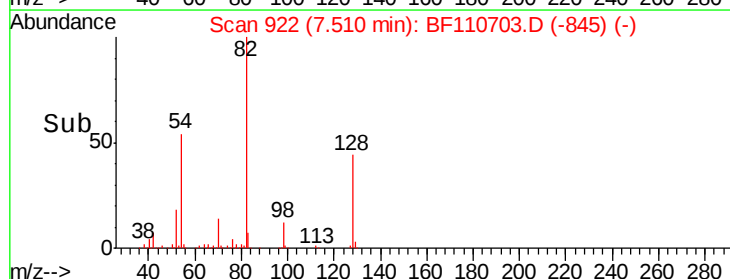
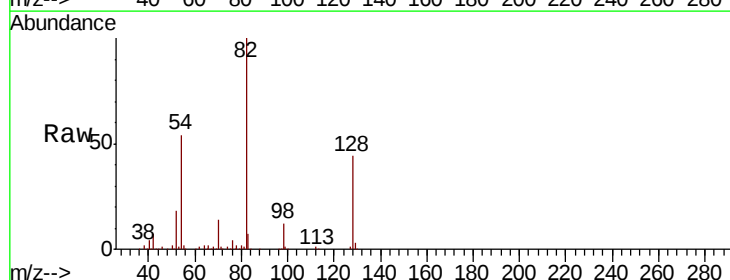
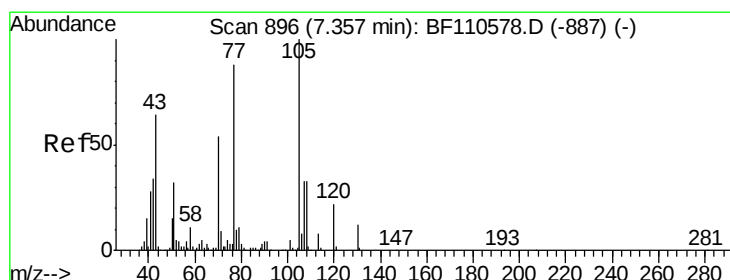
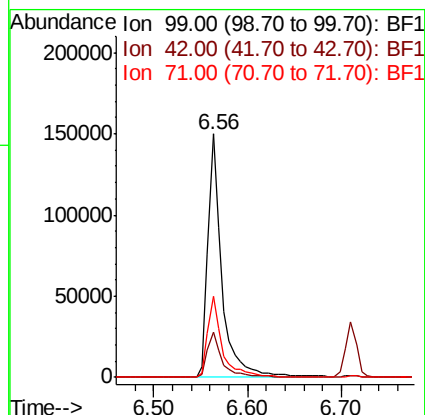
Tgt Ion: 99 Resp: 157422

Ion Ratio Lower Upper

99 100

42 18.7 15.8 23.6

71 33.5 28.0 42.0



#19

n-Nitroso-di-n-propylamine

Concen: 18.571 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.15 min

Lab File: BF110703.D

Acq: 13 Nov 2018 5:22

Tgt Ion: 70 Resp: 75375

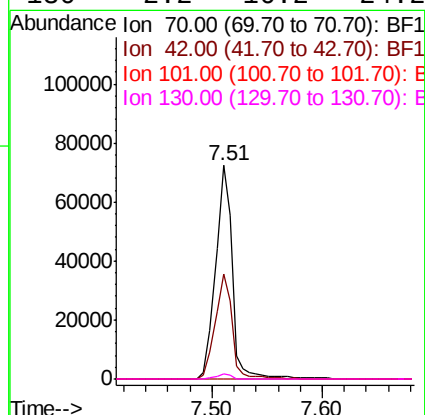
Ion Ratio Lower Upper

70 100

42 49.0 47.4 71.2

101 0.0 7.3 10.9#

130 2.2 16.2 24.2#

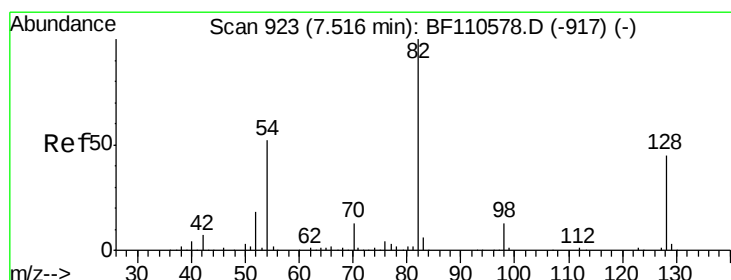
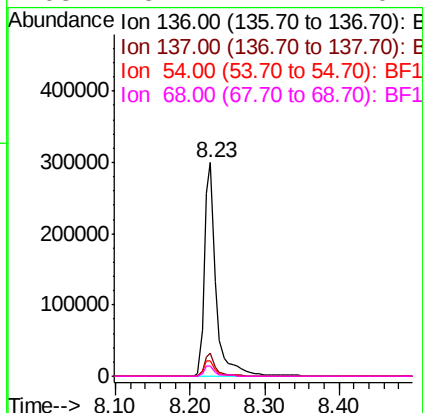
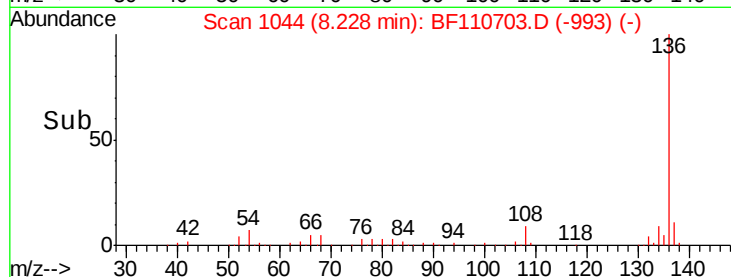
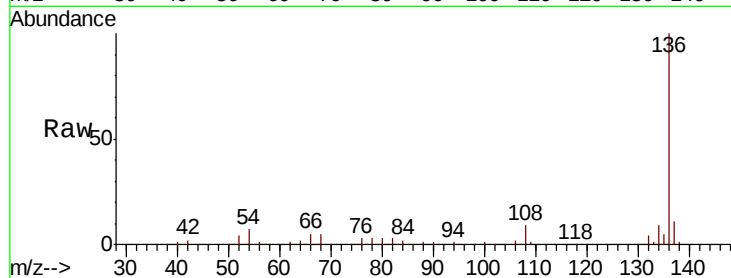




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110703.D
Acq: 13 Nov 2018 5:22

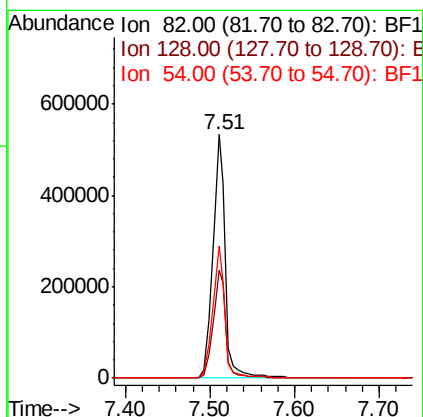
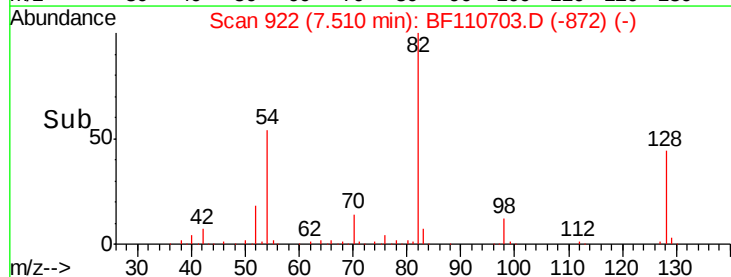
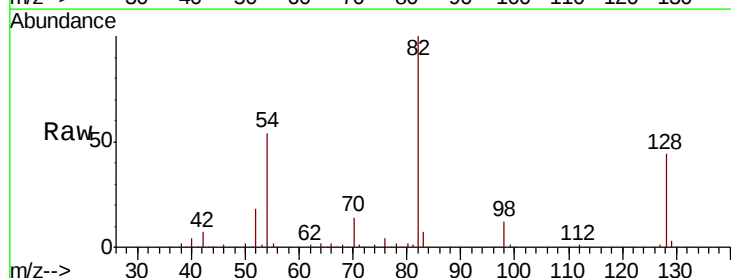
Instrument :
BNA_F
ClientSampleId :
110818-SIDI-F-U-B

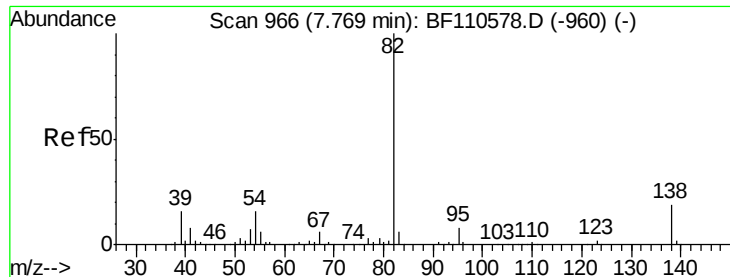
Tgt Ion:	136	Resp:	329538
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.5	5.4	8.2
68	5.1	4.2	6.2



#23
Nitrobenzene-d5
Concen: 99.129 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110703.D
Acq: 13 Nov 2018 5:22

Tgt Ion:	82	Resp:	567232
Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.2	51.2
54	54.3	38.6	58.0





#25

Isophorone

Concen: 60.480 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.26 min

Lab File: BF110703.D

Acq: 13 Nov 2018 5:22

Instrument :

BNA_F

ClientSampleId :

110818-SIDI-F-U-B

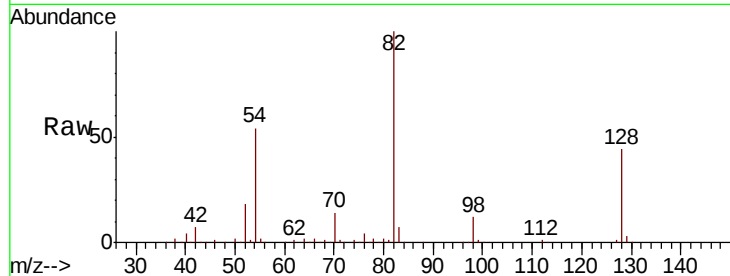
Tgt Ion: 82 Resp: 567228

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

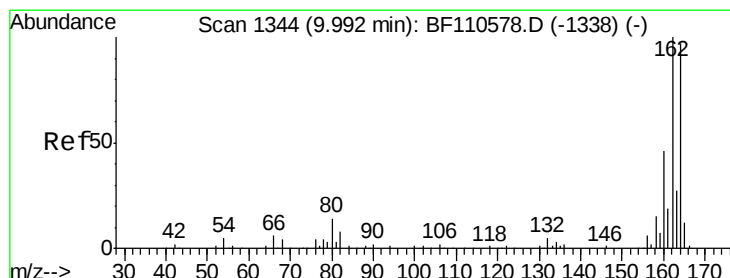
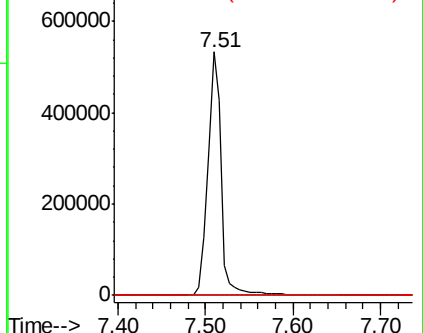
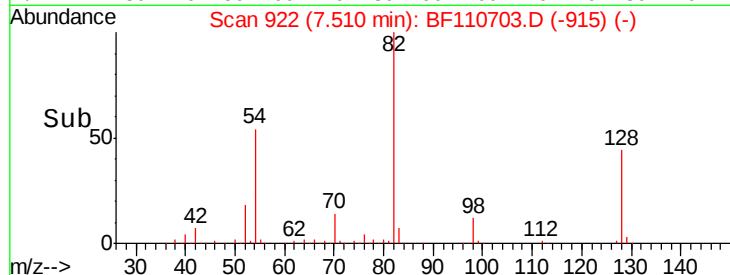
138 0.0 13.2 19.8#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF110703.D

Acq: 13 Nov 2018 5:22

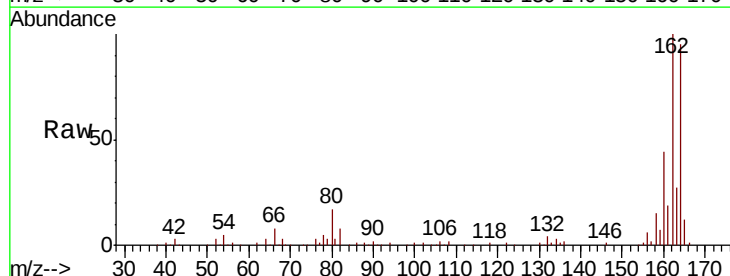
Tgt Ion: 164 Resp: 136087

Ion Ratio Lower Upper

164 100

162 105.3 83.0 124.6

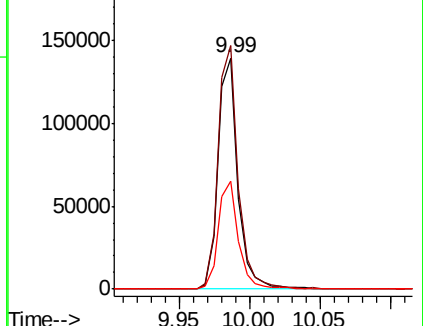
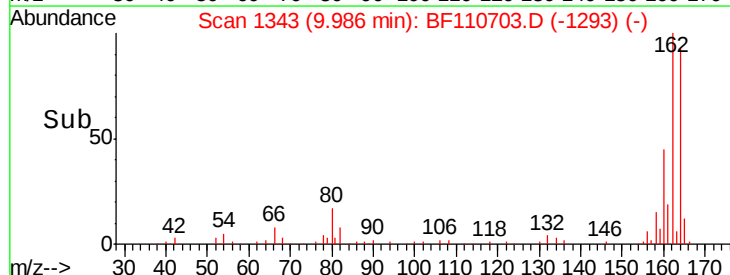
160 46.8 37.0 55.6

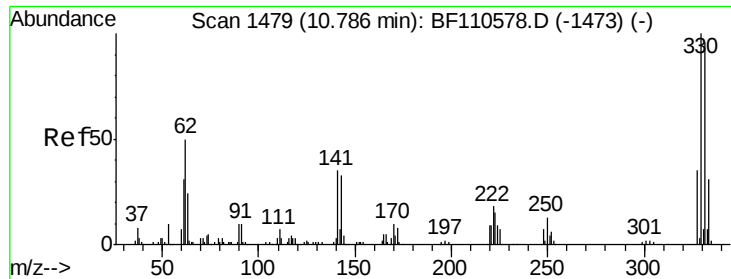


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

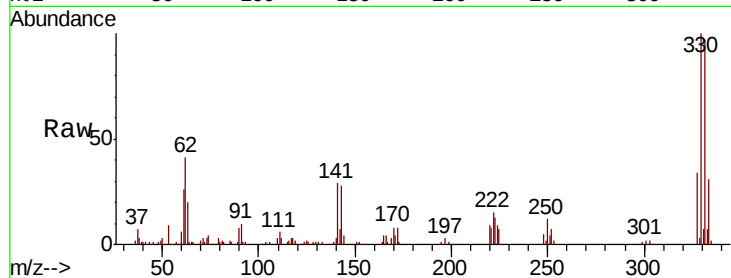




#42
 2,4,6-Tribromophenol
 Concen: 69.745 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110703.D
 Acq: 13 Nov 2018 5:22

Instrument :
 BNA_F
 ClientSampleId :
 110818-SIDI-F-U-B

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.1	115.7
141	37.2	27.0	40.4

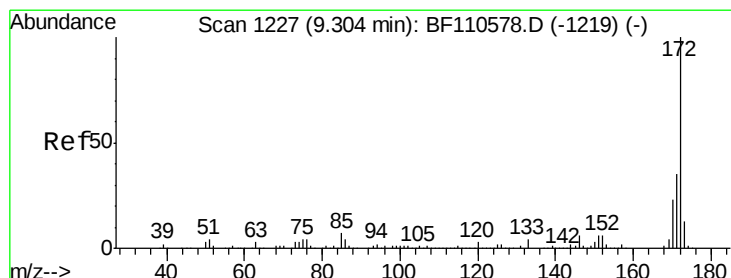
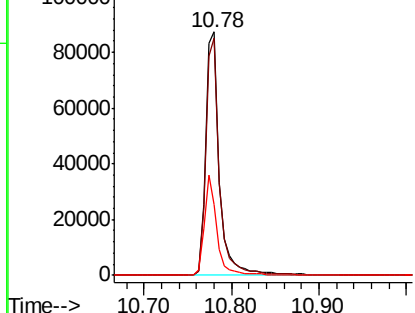
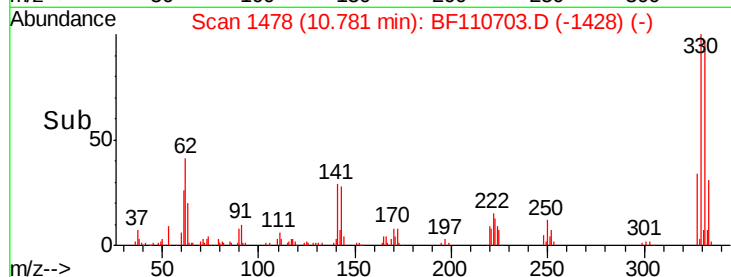


Abundance

Ion 329.80 (329.50 to 330.50): E

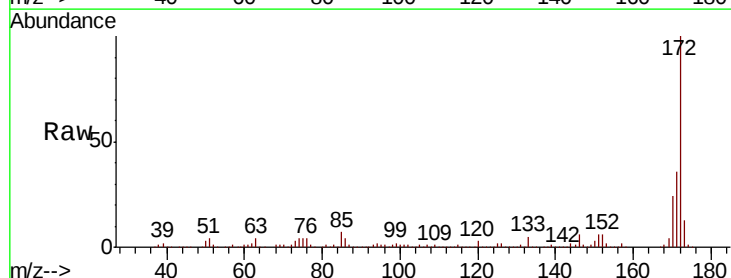
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 104.409 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110703.D
 Acq: 13 Nov 2018 5:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.9	19.7	29.5

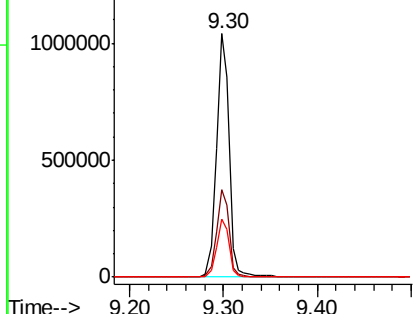
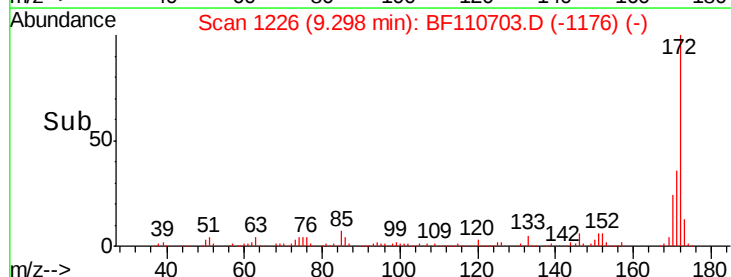


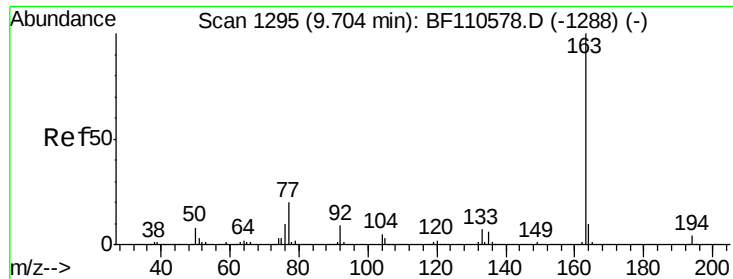
Abundance

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

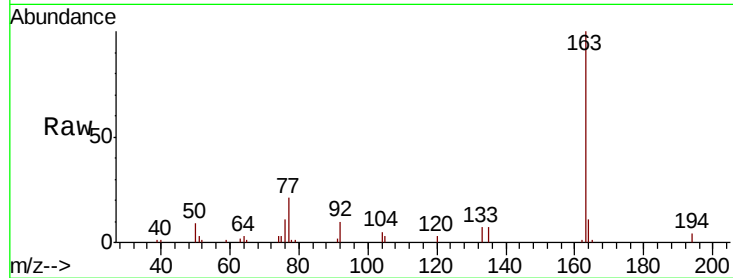




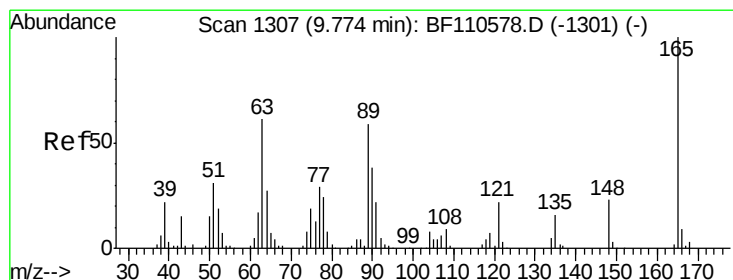
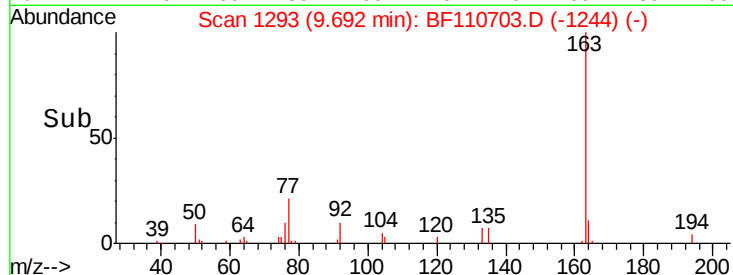
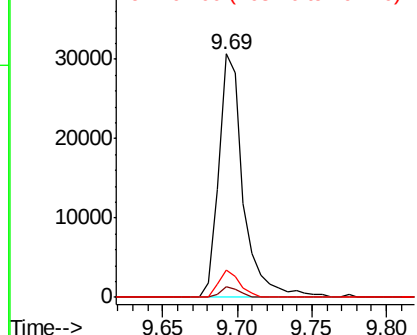
#50
Dimethylphthalate
Concen: 3.489 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110703.D
Acq: 13 Nov 2018 5:22

Instrument :
BNA_F
ClientSampleId :
110818-SIDI-F-U-B

Tgt Ion:163 Resp: 35426
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 11.1 8.1 12.1

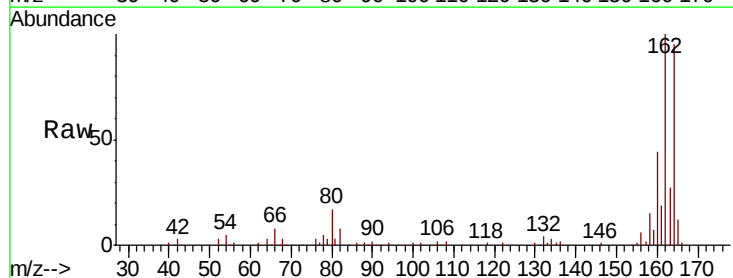


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

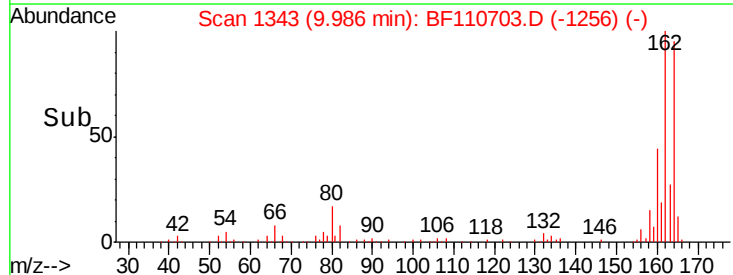
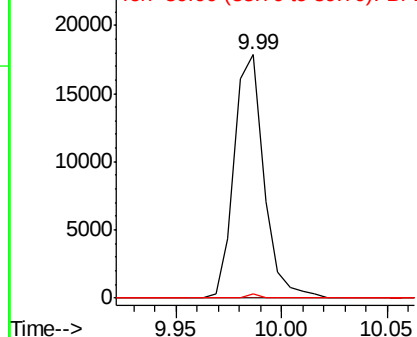


#51
2,6-Dinitrotoluene
Concen: 7.786 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.21 min
Lab File: BF110703.D
Acq: 13 Nov 2018 5:22

Tgt Ion:165 Resp: 17393
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

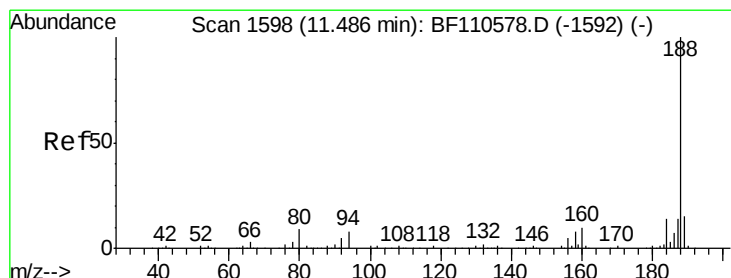
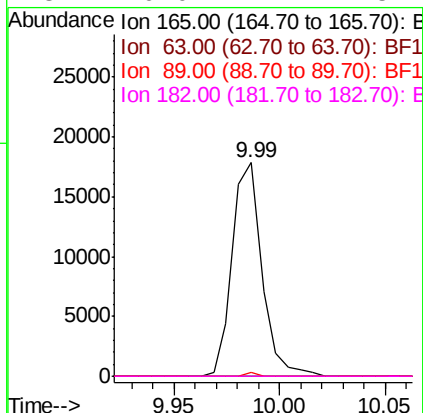
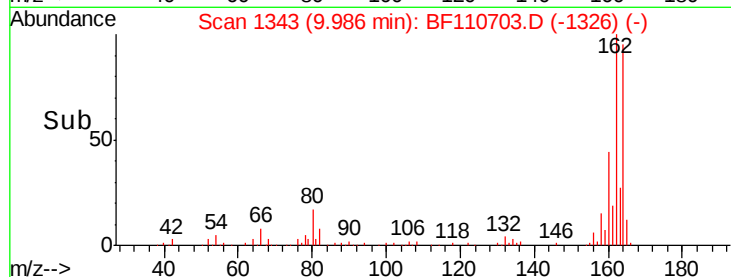
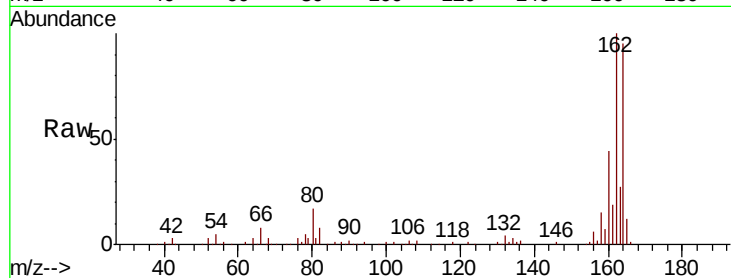




#57
 2,4-Dinitrotoluene
 Concen: 5.988 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.20 min
 Lab File: BF110703.D
 Acq: 13 Nov 2018 5:22

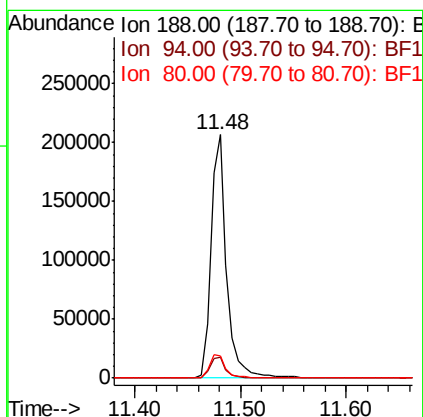
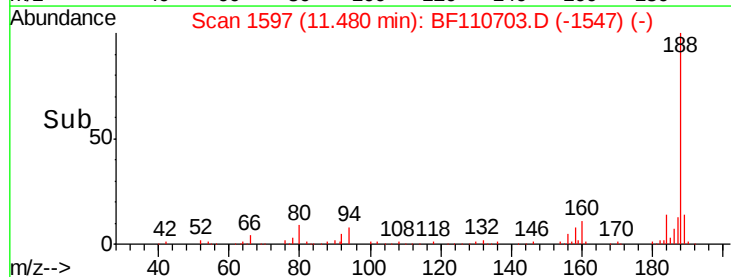
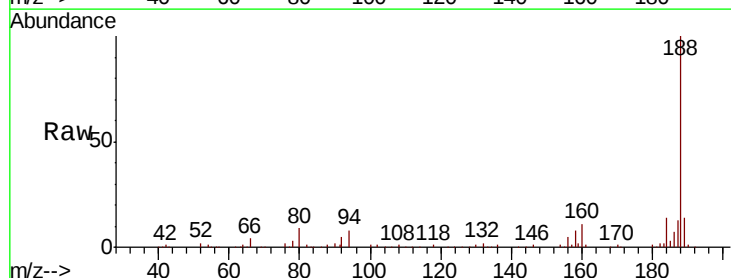
Instrument :
 BNA_F
 ClientSampleId :
 110818-SIDI-F-U-B

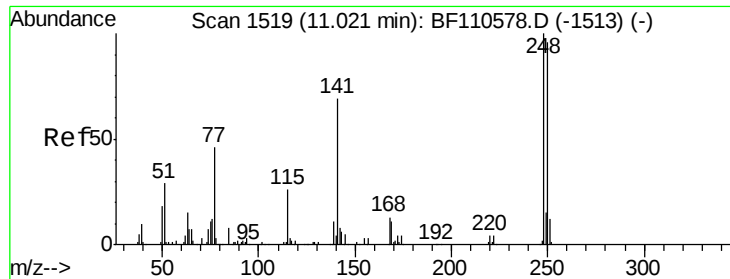
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	1.8	62.2	93.4#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110703.D
 Acq: 13 Nov 2018 5:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.2	10.8
80	9.1	7.9	11.9

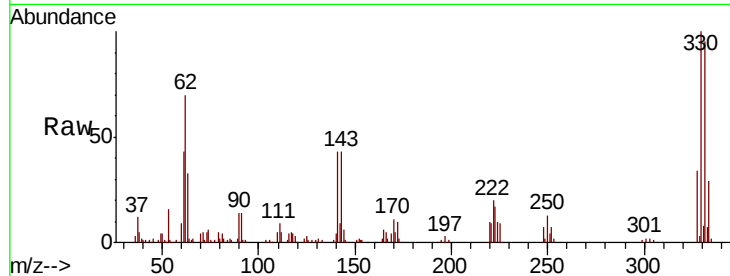




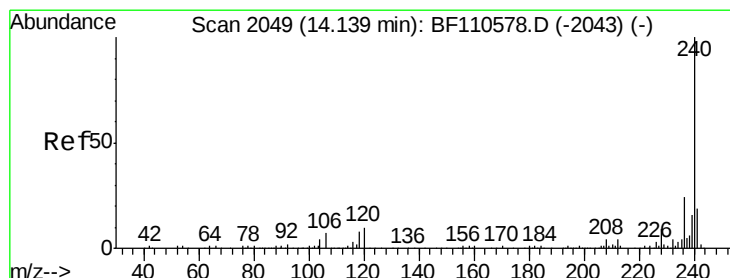
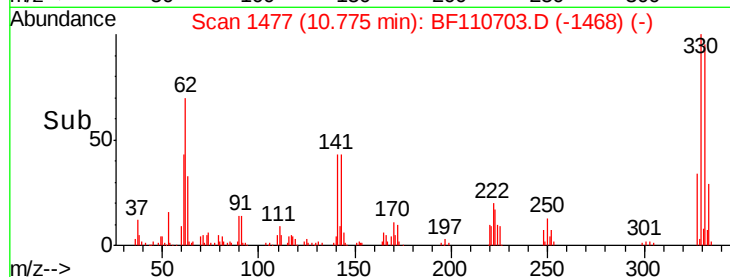
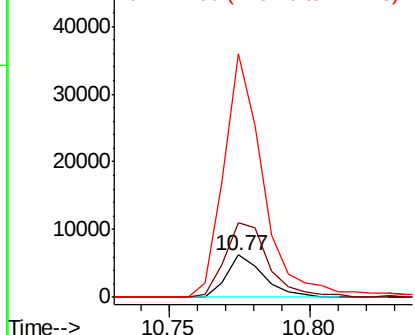
#67
4-Bromophenyl-phenylether
Concen: 2.441 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.25 min
Lab File: BF110703.D
Acq: 13 Nov 2018 5:22

Instrument :
BNA_F
ClientSampleId :
110818-SIDI-F-U-B

Tgt Ion: 248 Resp: 5760
Ion Ratio Lower Upper
248 100
250 177.4 79.4 119.2#
141 578.6 55.9 83.9#

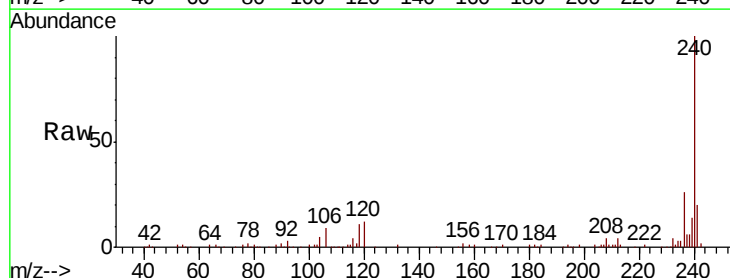


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

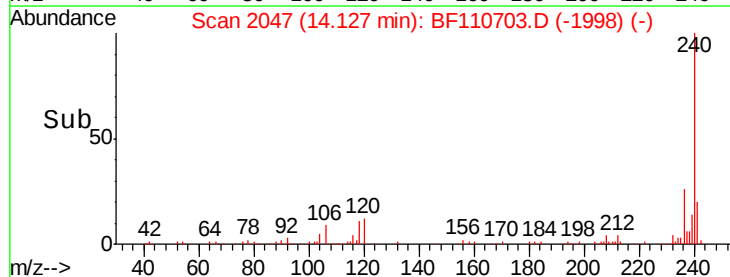
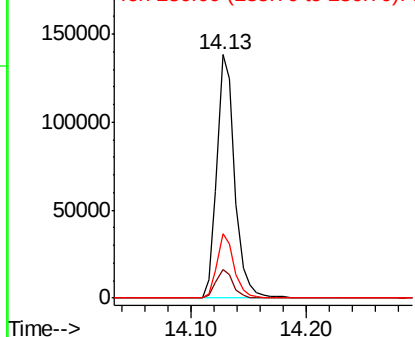


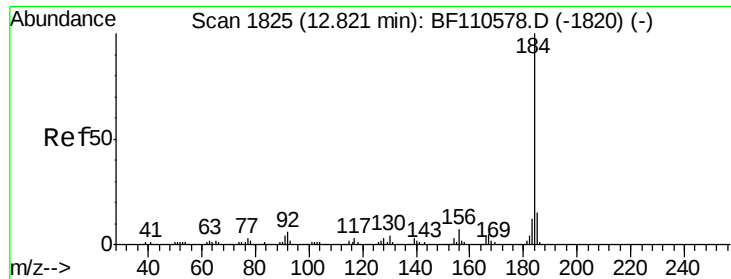
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110703.D
Acq: 13 Nov 2018 5:22

Tgt Ion: 240 Resp: 149582
Ion Ratio Lower Upper
240 100
120 11.9 8.3 12.5
236 26.5 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

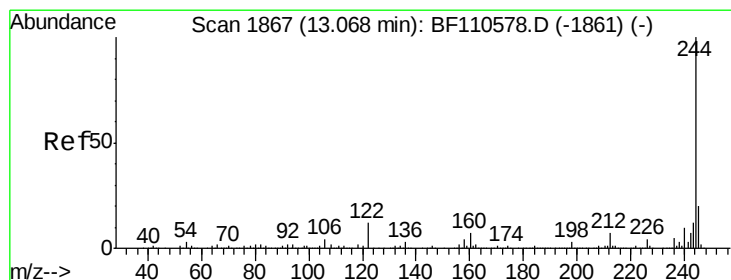
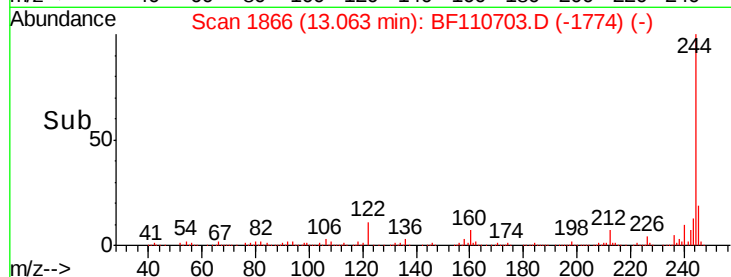
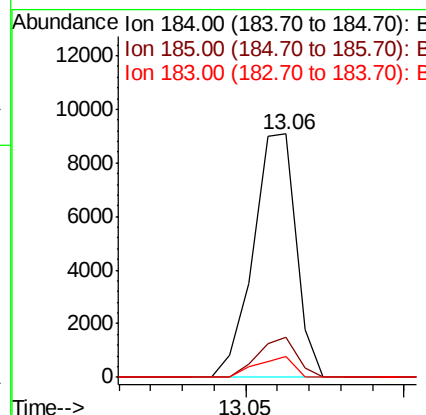
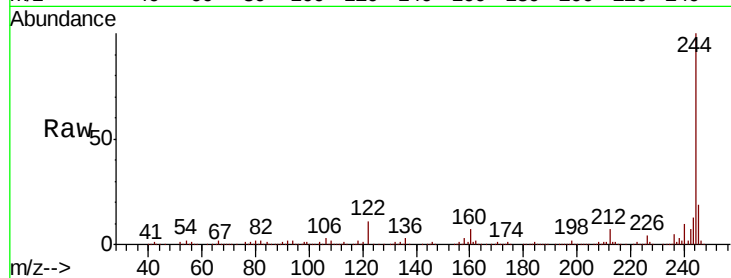




#77
Benzidine
Concen: 2.078 ng
RT: 13.06 min Scan# 1866
Delta R.T. 0.24 min
Lab File: BF110703.D
Acq: 13 Nov 2018 5:22

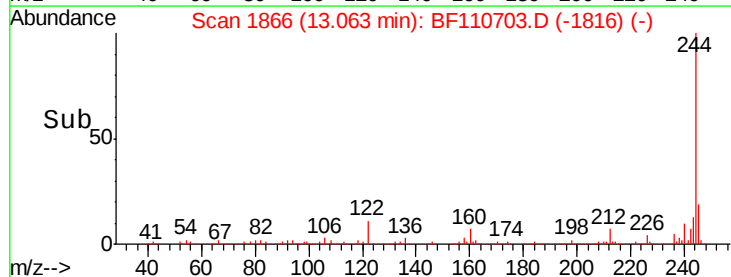
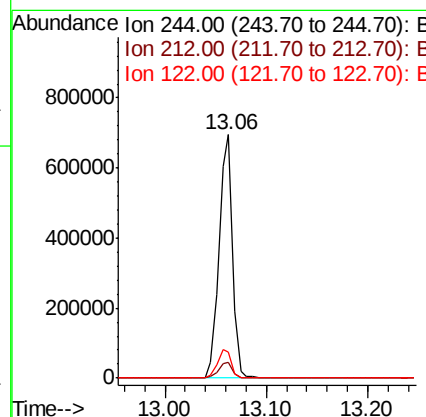
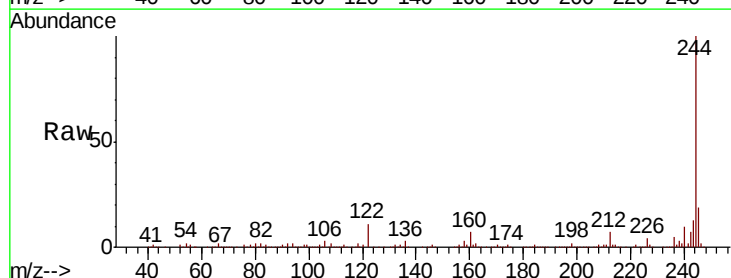
Instrument :
BNA_F
ClientSampleId :
110818-SIDI-F-U-B

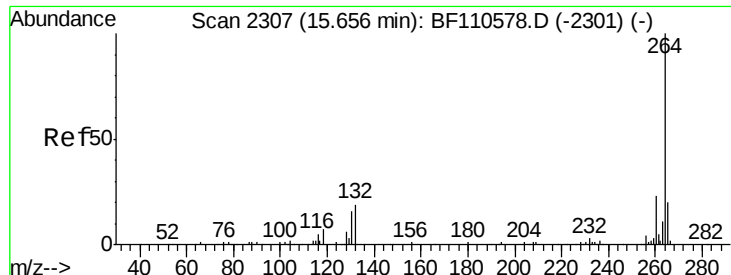
Tgt Ion:184 Resp: 8547
Ion Ratio Lower Upper
184 100
185 16.3 13.4 20.2
183 8.4 9.4 14.2#



#79
Terphenyl-d14
Concen: 80.223 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110703.D
Acq: 13 Nov 2018 5:22

Tgt Ion:244 Resp: 640756
Ion Ratio Lower Upper
244 100
212 6.6 5.8 8.8
122 10.6 8.7 13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110703.D
Acq: 13 Nov 2018 5:22

Instrument :
BNA_F
ClientSampleId :
110818-SIDI-F-U-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	22.2	16.7	25.1

