

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111218\
 Data File : BF110704.D
 Acq On : 13 Nov 2018 5:50
 Operator : JU/SJ
 Sample : J5904-15
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

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

Quant Time: Nov 13 07:19:54 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

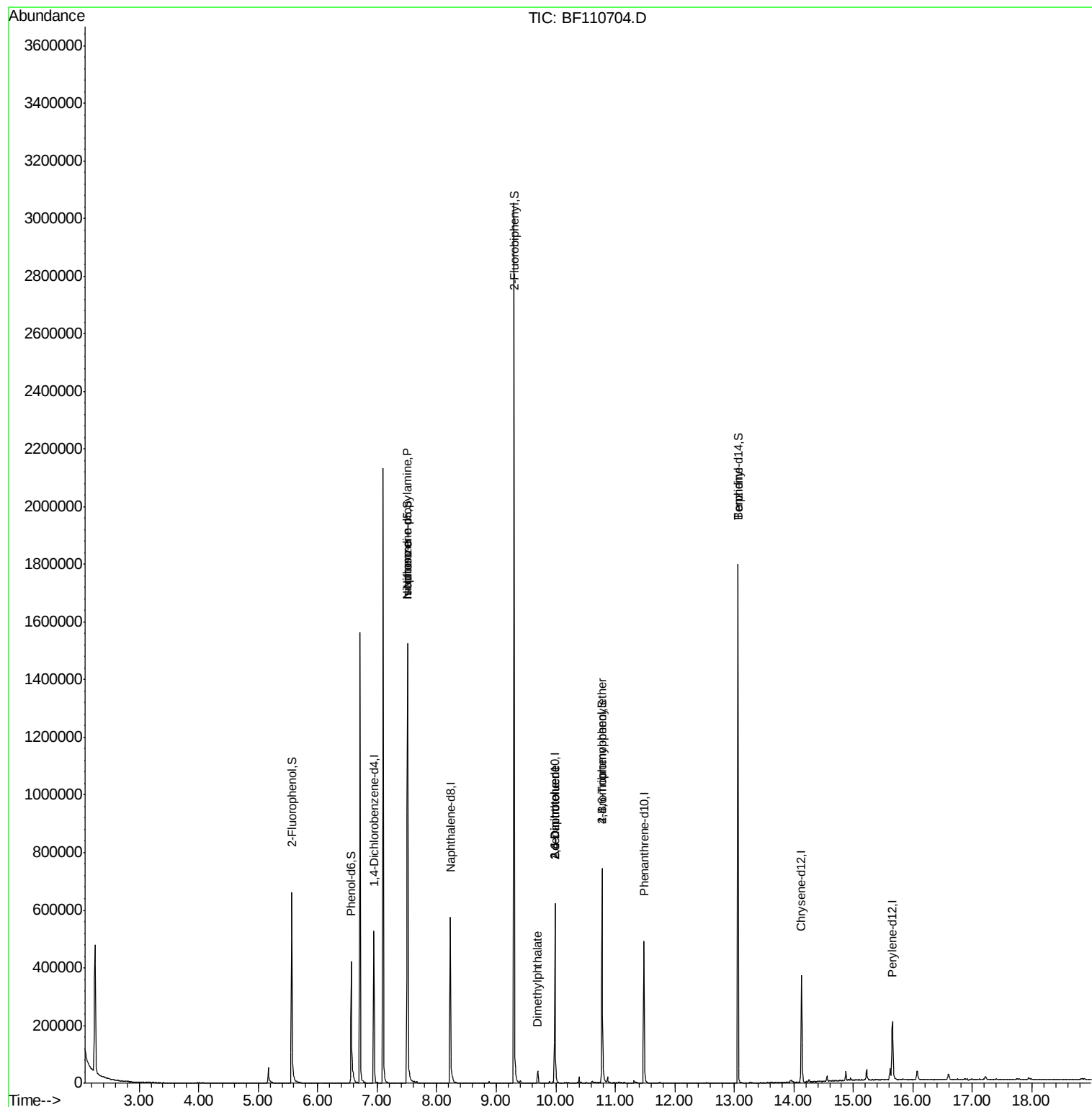
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	79261	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	322530	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	136058	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	212056	20.00	ng	0.00
76) Chrysene-d12	14.13	240	151003	20.00	ng	-0.01
87) Perylene-d12	15.66	264	109394	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	209733	42.98	ng	0.00
7) Phenol-d6	6.56	99	158646	25.42	ng	-0.01
23) Nitrobenzene-d5	7.51	82	554636	99.03	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	97652	71.23	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	991272	104.05	ng	0.00
79) Terphenyl-d14	13.06	244	631347	78.30	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	73750	18.516	ng	# 80
25) Isophorone	7.51	82	554682	60.428	ng	# 67
50) Dimethylphthalate	9.70	163	24127	2.377	ng	# 98
51) 2,6-Dinitrotoluene	9.99	165	16688	7.472	ng	# 22
57) 2,4-Dinitrotoluene	9.99	165	16688	5.747	ng	# 19
67) 4-Bromophenyl-phenylether	10.77	248	6023	2.570	ng	# 1
77) Benzidine	13.06	184	8421	2.028	ng	# 93

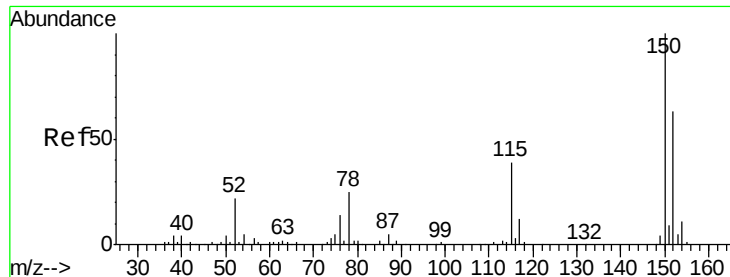
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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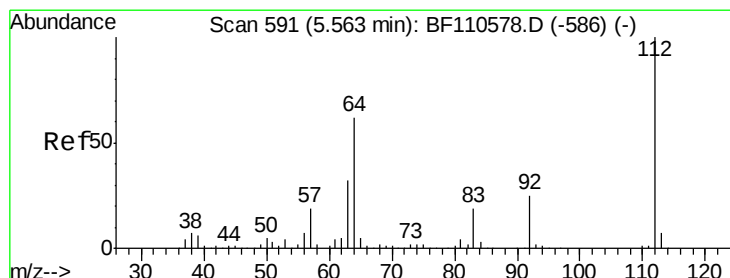
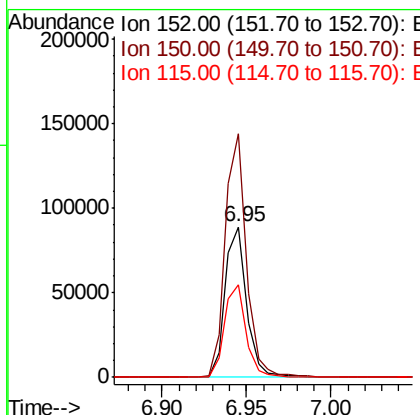
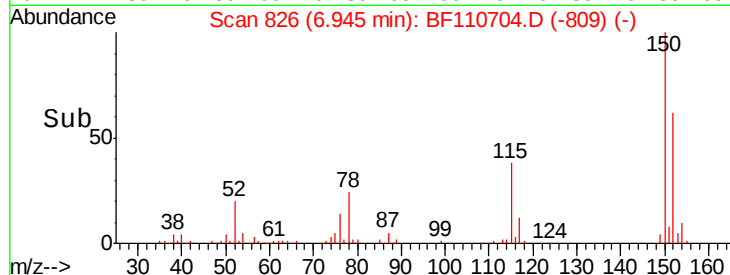
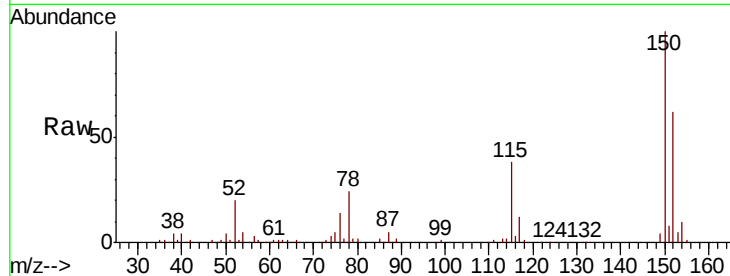


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF110704.D
 Acq: 13 Nov 2018 5:50

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

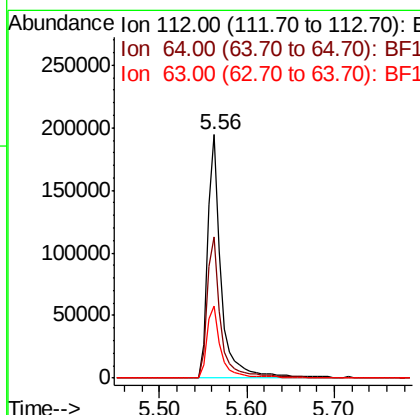
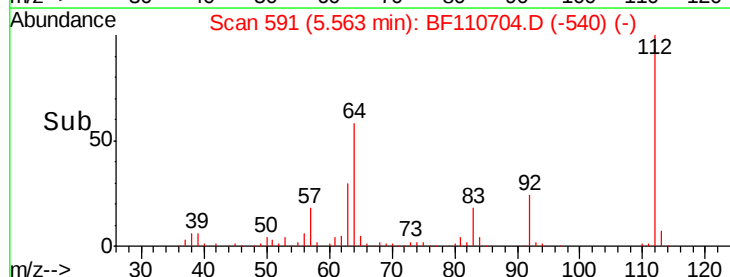
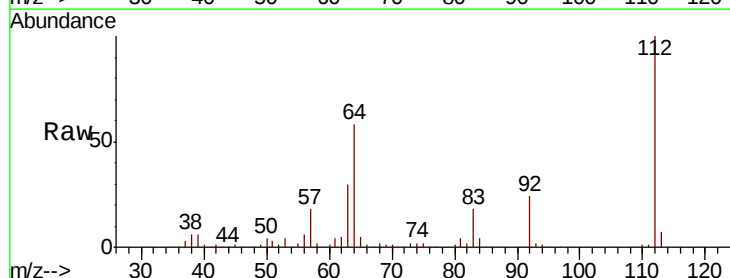
Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.1	122.7	184.1
115	61.6	49.1	73.7

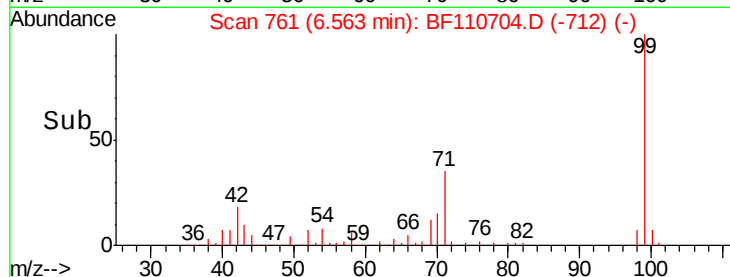
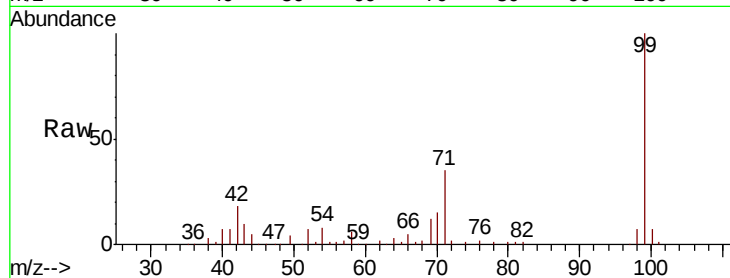
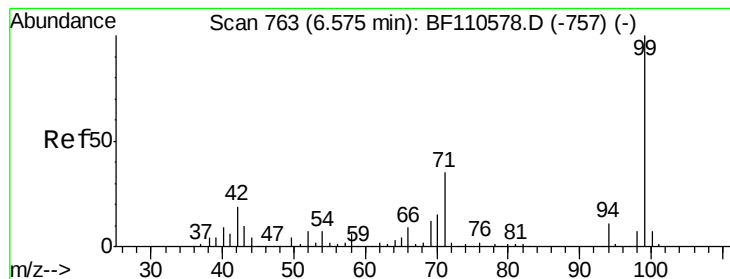


#5

2-Fluorophenol
 Concen: 42.981 ng
 RT: 5.56 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF110704.D
 Acq: 13 Nov 2018 5:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	44.1	66.1
63	29.8	23.7	35.5





#7

Phenol-d6

Concen: 25.424 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110704.D

Acq: 13 Nov 2018 5:50

Instrument :

BNA_F

ClientSampleId :

110818-SIDI-F-U-M

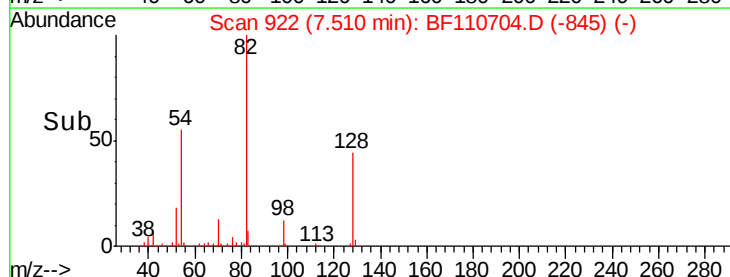
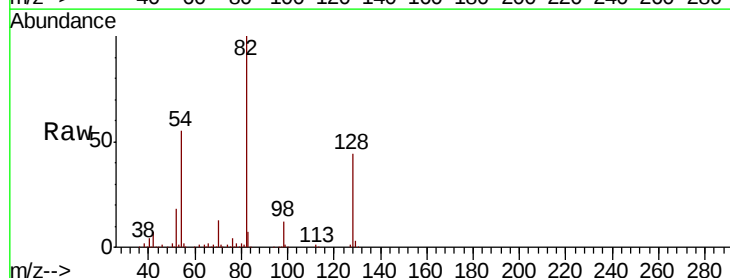
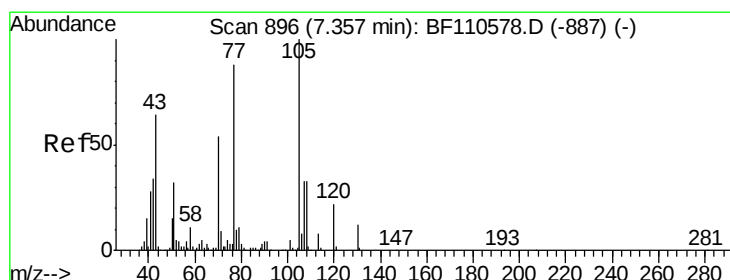
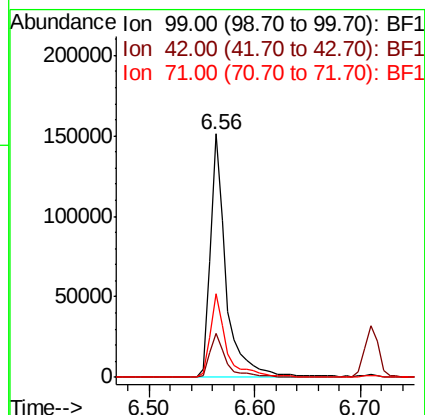
Tgt Ion: 99 Resp: 158646

Ion Ratio Lower Upper

99 100

42 18.2 15.8 23.6

71 34.6 28.0 42.0



#19

n-Nitroso-di-n-propylamine

Concen: 18.516 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.15 min

Lab File: BF110704.D

Acq: 13 Nov 2018 5:50

Tgt Ion: 70 Resp: 73750

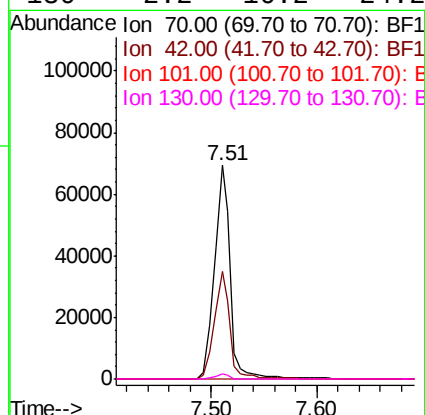
Ion Ratio Lower Upper

70 100

42 50.1 47.4 71.2

101 0.0 7.3 10.9#

130 2.2 16.2 24.2#

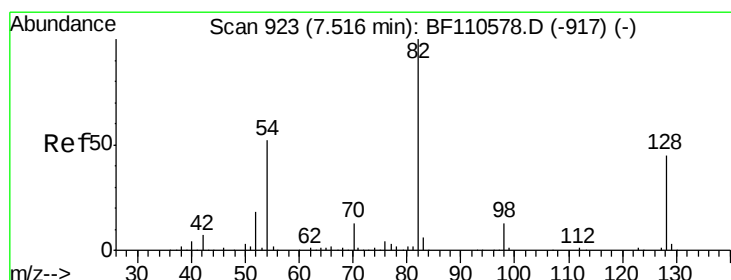
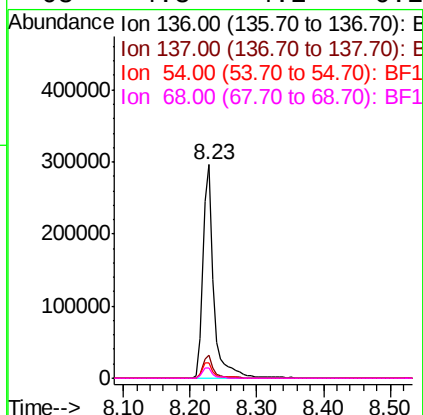
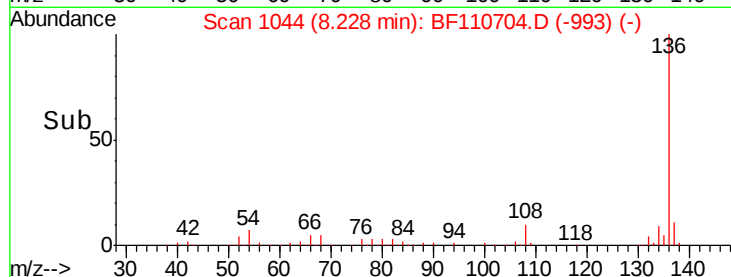
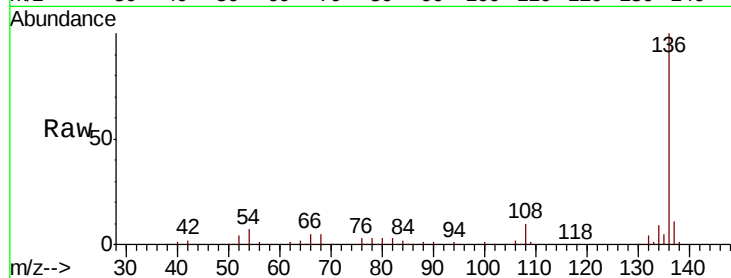




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110704.D
Acq: 13 Nov 2018 5:50

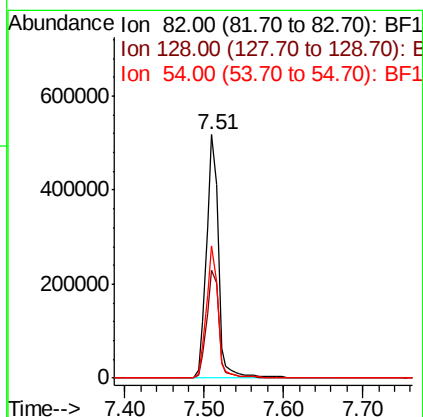
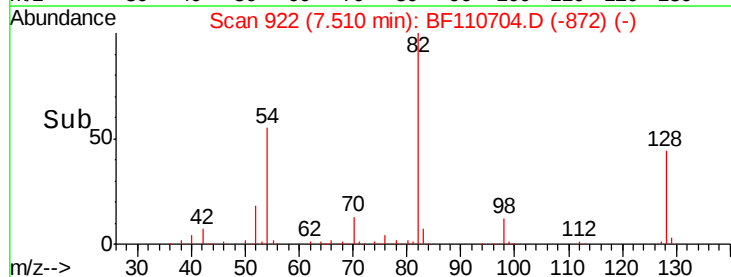
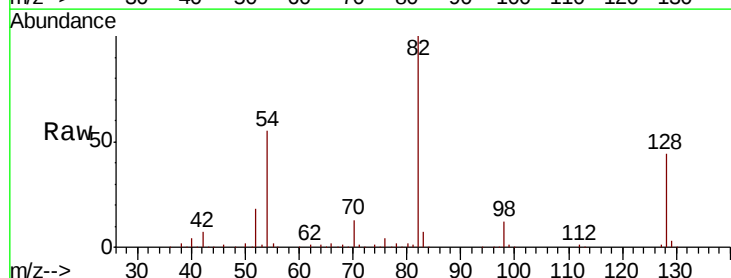
Instrument :
BNA_F
ClientSampleId :
110818-SIDI-F-U-M

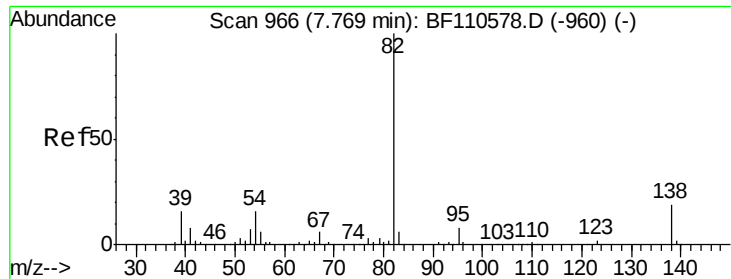
Tgt Ion:	136	Resp:	322530
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.2	5.4	8.2
68	4.8	4.2	6.2



#23
Nitrobenzene-d5
Concen: 99.033 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110704.D
Acq: 13 Nov 2018 5:50

Tgt Ion:	82	Resp:	554636
Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.2	51.2
54	54.6	38.6	58.0





#25

Isophorone

Concen: 60.428 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.26 min

Lab File: BF110704.D

Acq: 13 Nov 2018 5:50

Instrument :

BNA_F

ClientSampleId :

110818-SIDI-F-U-M

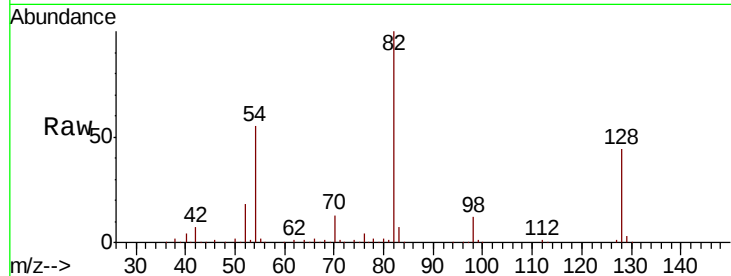
Tgt Ion: 82 Resp: 554682

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

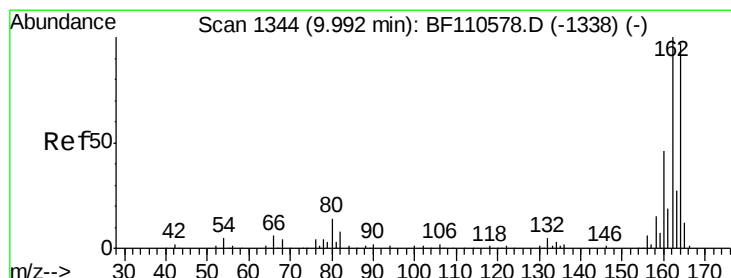
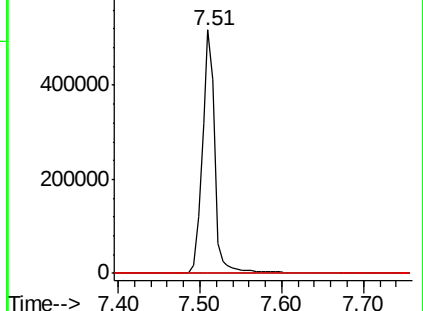
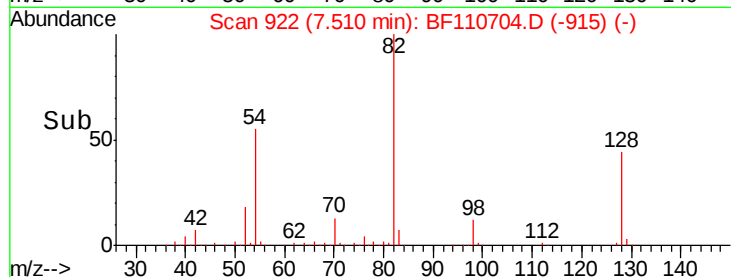
138 0.0 13.2 19.8#



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: BF110704.D

Acq: 13 Nov 2018 5:50

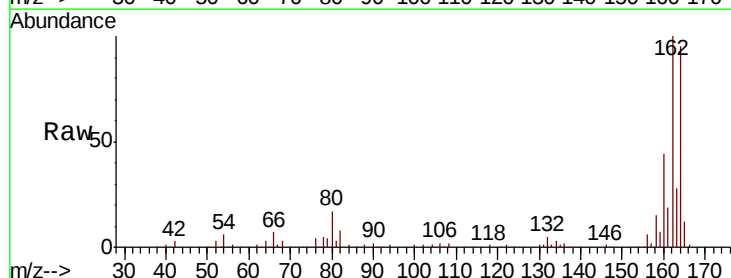
Tgt Ion: 164 Resp: 136058

Ion Ratio Lower Upper

164 100

162 105.5 83.0 124.6

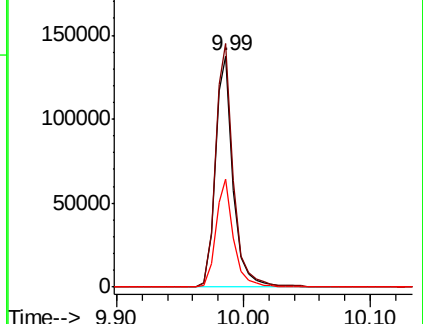
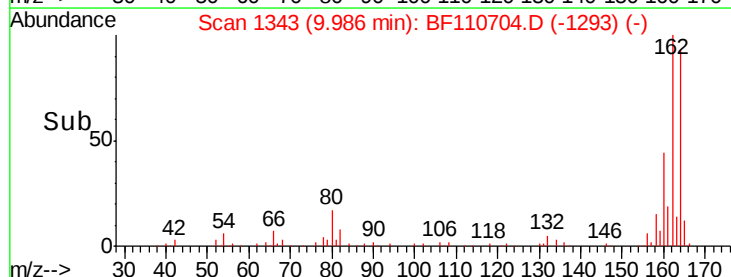
160 46.8 37.0 55.6

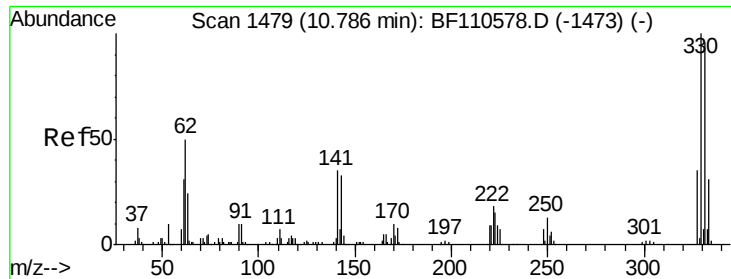


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

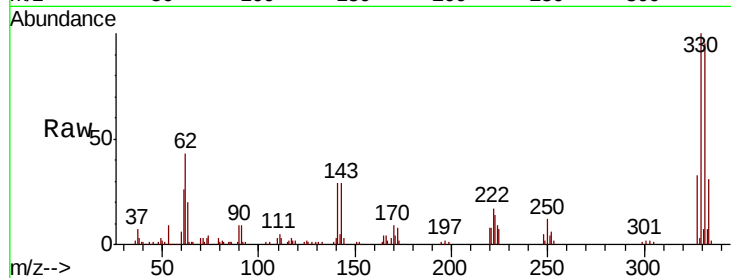




#42
 2,4,6-Tribromophenol
 Concen: 71.229 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110704.D
 Acq: 13 Nov 2018 5:50

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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.1	115.7
141	37.7	27.0	40.4

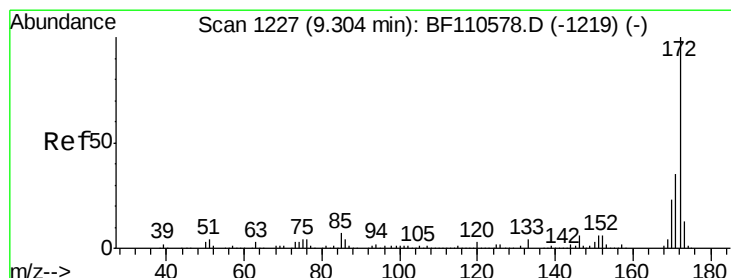
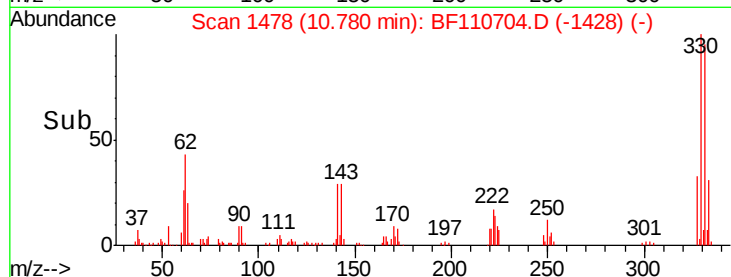
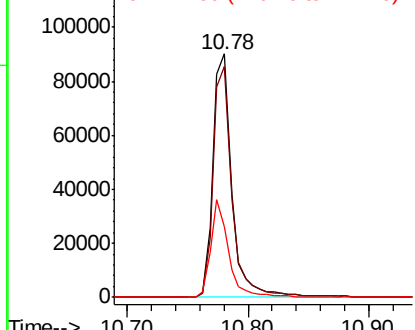


Abundance

Ion 329.80 (329.50 to 330.50): E

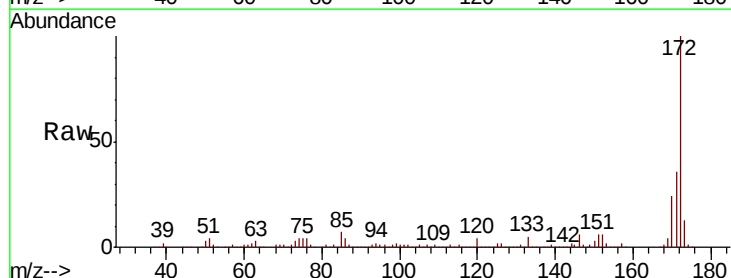
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 104.052 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110704.D
 Acq: 13 Nov 2018 5:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.2	19.7	29.5

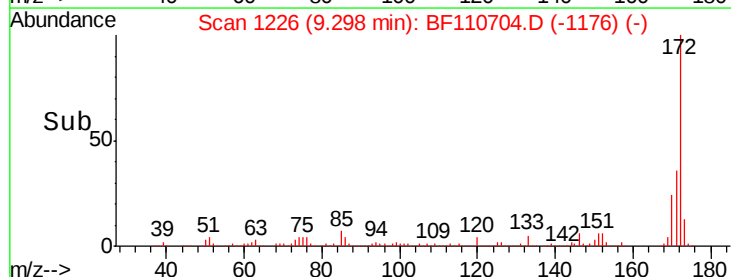
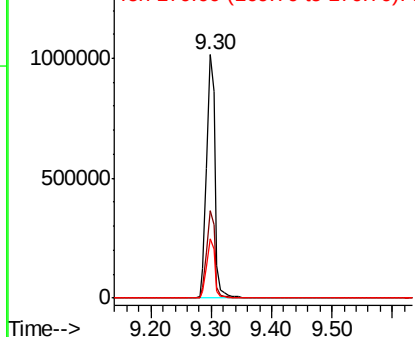


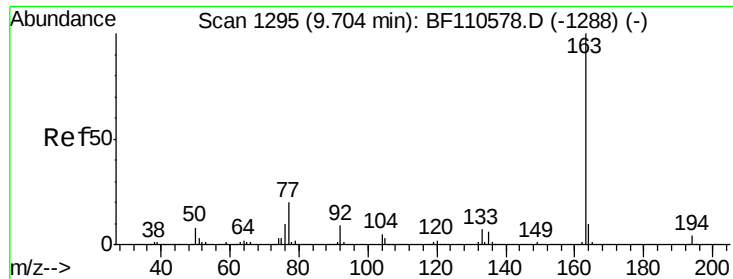
Abundance

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

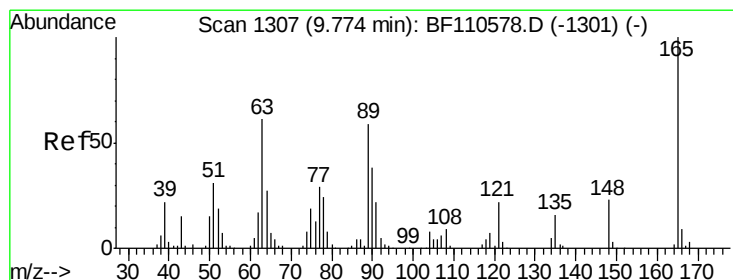
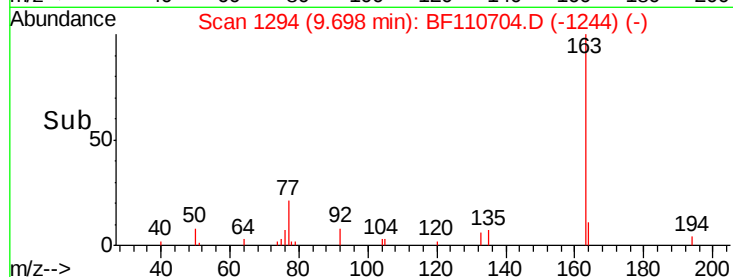
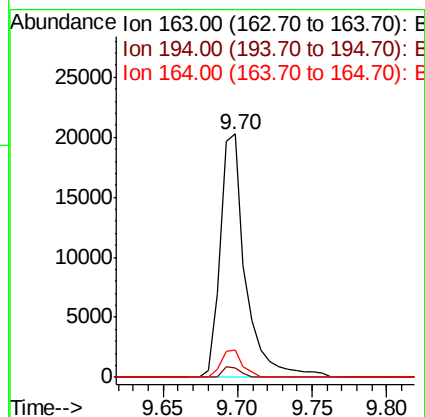
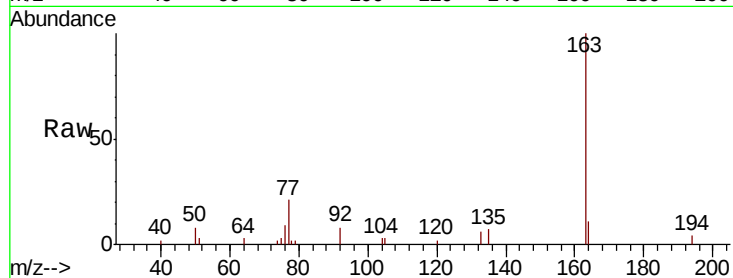




#50
Dimethylphthalate
Concen: 2.377 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF110704.D
Acq: 13 Nov 2018 5:50

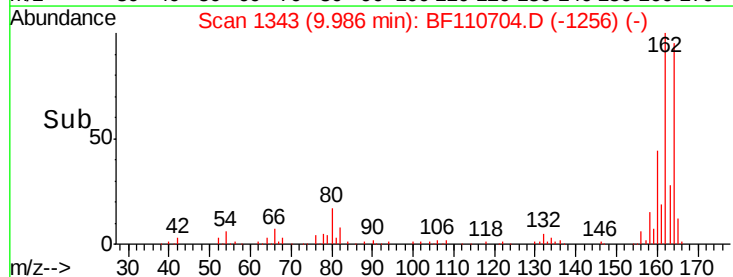
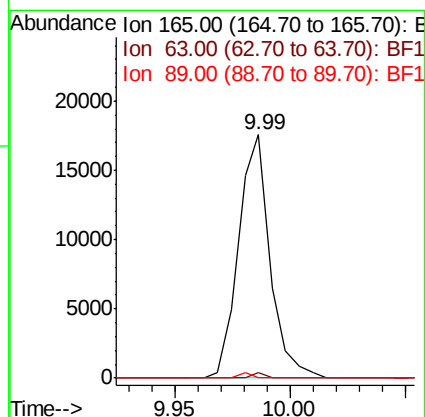
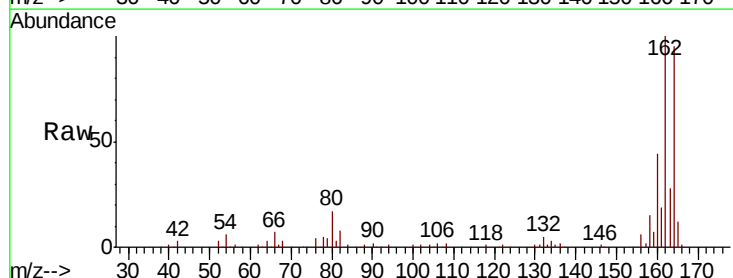
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Tgt Ion:163 Resp: 24127
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 11.2 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 7.472 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.21 min
Lab File: BF110704.D
Acq: 13 Nov 2018 5:50

Tgt Ion:165 Resp: 16688
Ion Ratio Lower Upper
165 100
63 2.2 48.9 73.3#
89 0.0 46.6 69.8#

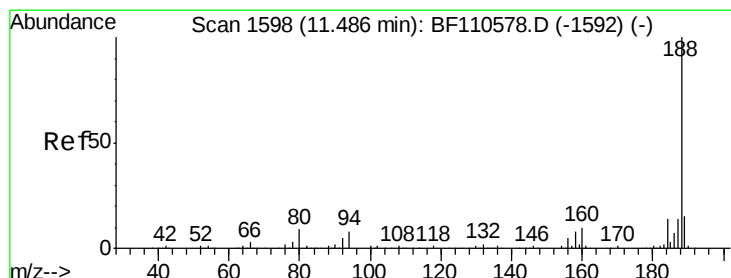
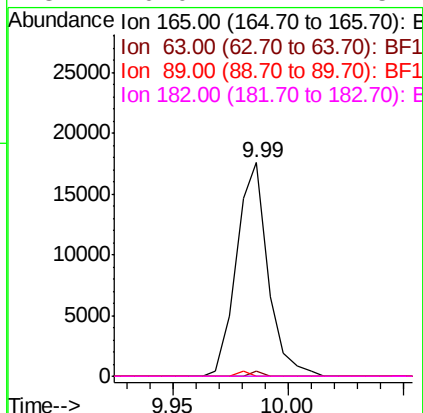
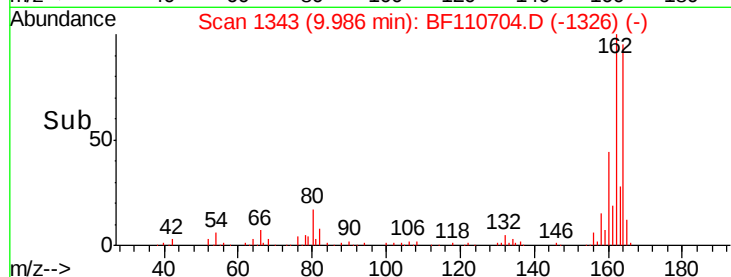
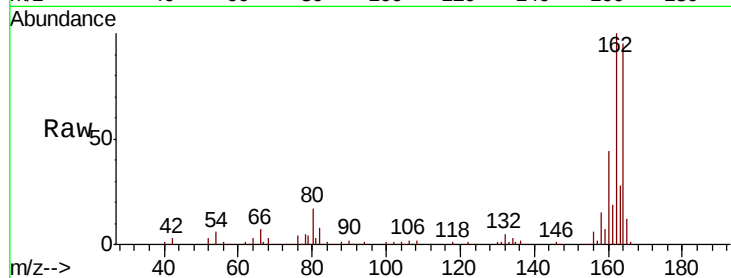




#57
 2,4-Dinitrotoluene
 Concen: 5.747 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.20 min
 Lab File: BF110704.D
 Acq: 13 Nov 2018 5:50

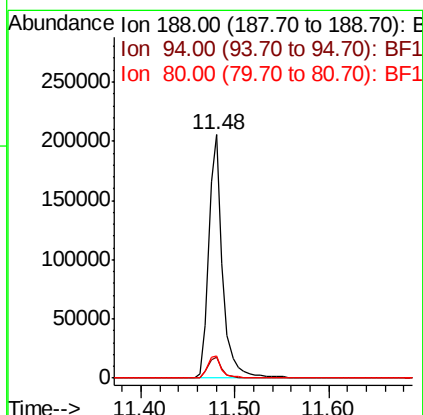
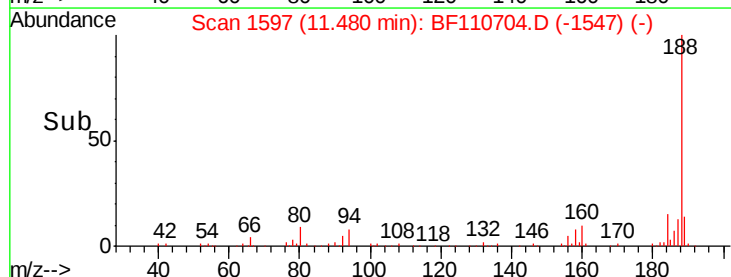
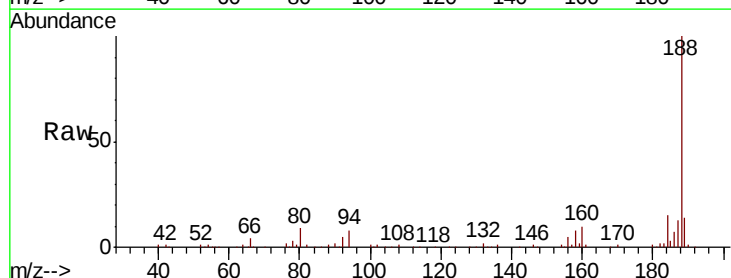
Instrument :
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 ClientSampleId :
 110818-SIDI-F-U-M

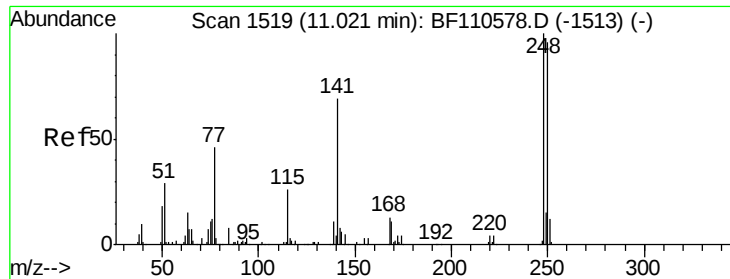
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.2	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110704.D
 Acq: 13 Nov 2018 5:50

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.2	10.8
80	9.0	7.9	11.9

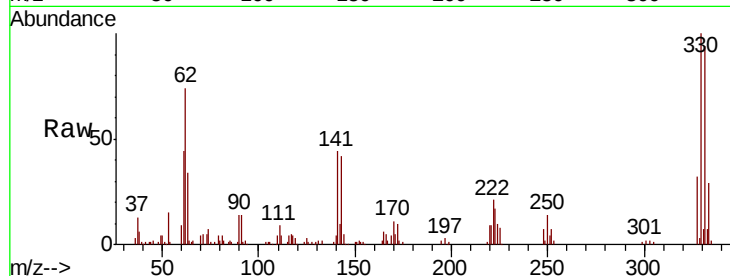




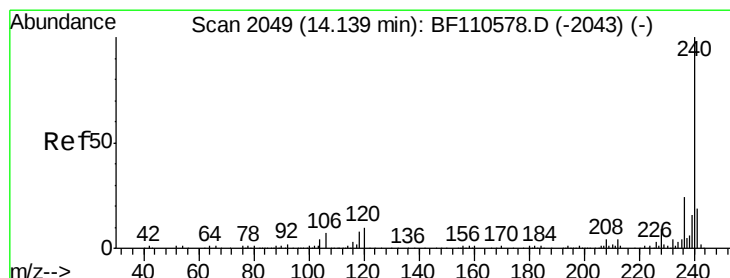
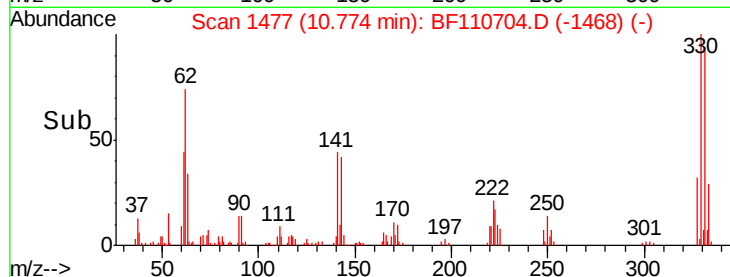
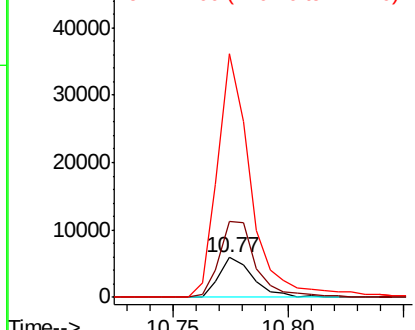
#67
4-Bromophenyl-phenylether
Concen: 2.570 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.25 min
Lab File: BF110704.D
Acq: 13 Nov 2018 5:50

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

Tgt Ion:248 Resp: 6023
Ion Ratio Lower Upper
248 100
250 190.2 79.4 119.2#
141 610.7 55.9 83.9#

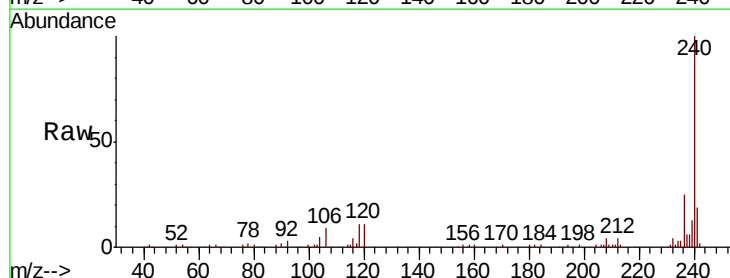


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

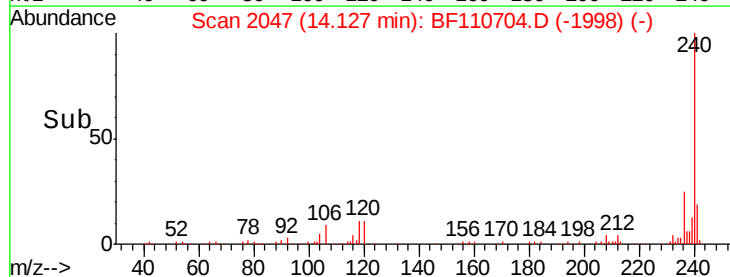
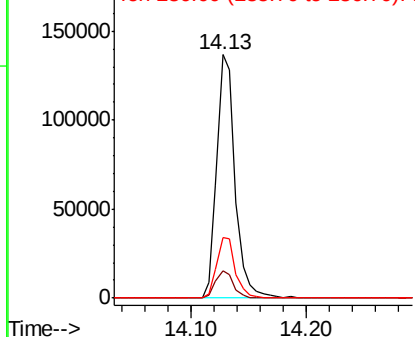


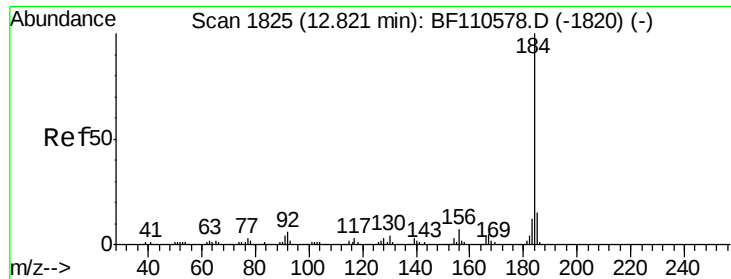
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110704.D
Acq: 13 Nov 2018 5:50

Tgt Ion:240 Resp: 151003
Ion Ratio Lower Upper
240 100
120 11.3 8.3 12.5
236 25.0 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: 2.028 ng

RT: 13.06 min Scan# 1865

Delta R.T. 0.24 min

Lab File: BF110704.D

Acq: 13 Nov 2018 5:50

Instrument :

BNA_F

ClientSampleId :

110818-SIDI-F-U-M

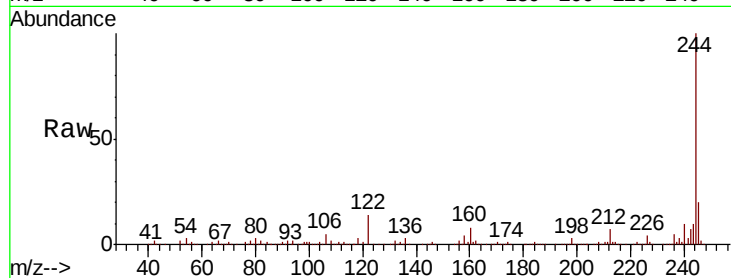
Tgt Ion:184 Resp: 8421

Ion Ratio Lower Upper

184 100

185 14.7 13.4 20.2

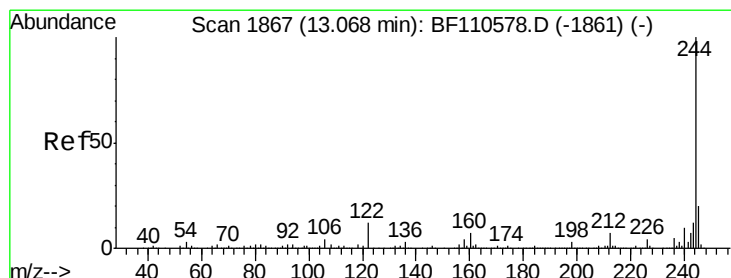
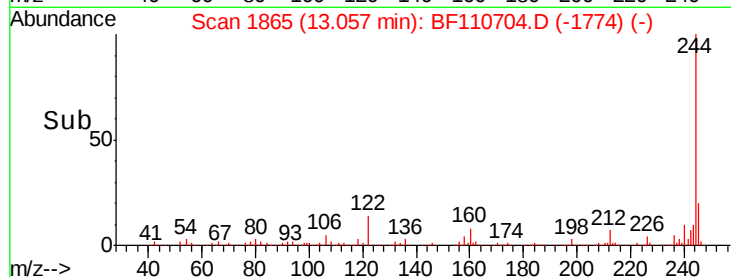
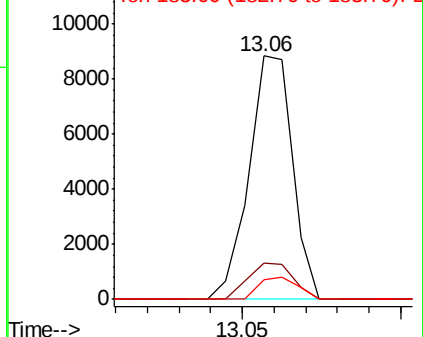
183 8.0 9.4 14.2#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 78.301 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110704.D

Acq: 13 Nov 2018 5:50

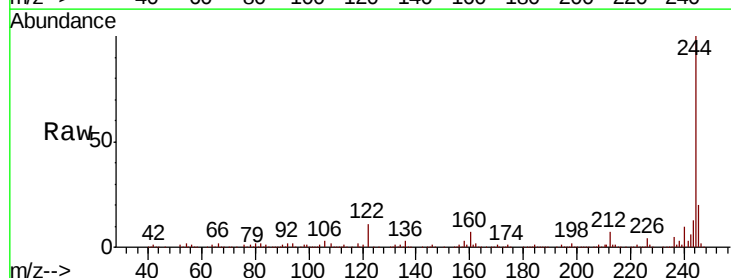
Tgt Ion:244 Resp: 631347

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

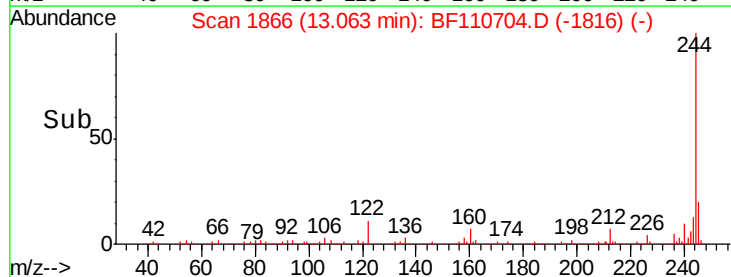
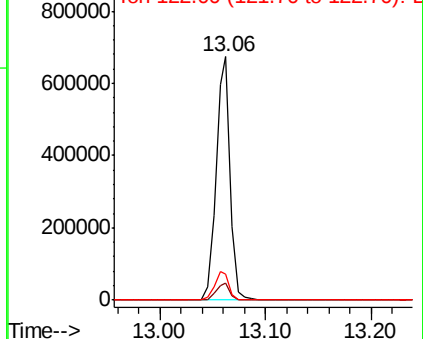
122 10.7 8.7 13.1

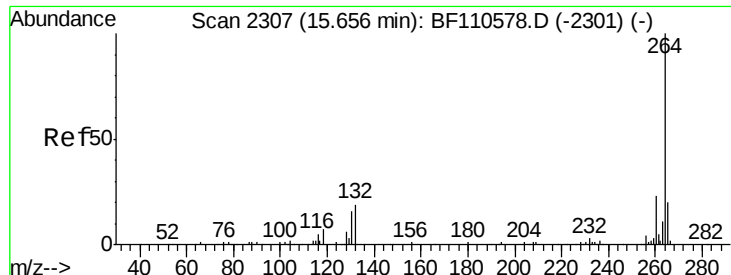


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF110704.D
Acq: 13 Nov 2018 5:50

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.7	28.1
265	21.1	16.7	25.1

