

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102518\
 Data File : BF110201.D
 Acq On : 26 Oct 2018 10:20
 Operator : JU/SJ
 Sample : J5662-05
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 102318-SIDI-F-U-M

Quant Time: Oct 26 14:39:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

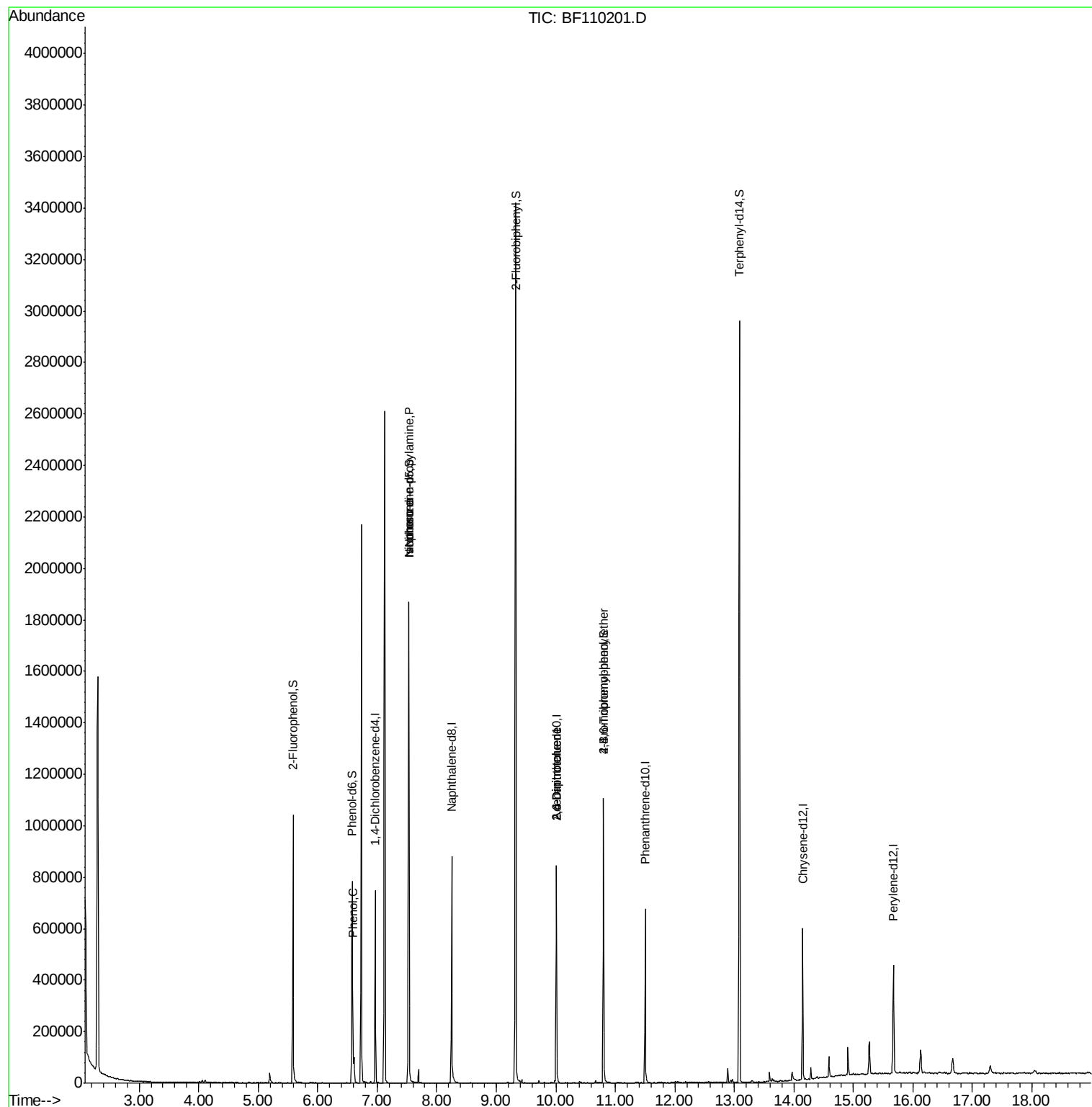
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	116558	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	412694	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	160090	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	264797	20.00	ng	-0.01
76) Chrysene-d12	14.14	240	200056	20.00	ng	-0.02
87) Perylene-d12	15.67	264	148865	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	290392	40.57	ng	-0.01
7) Phenol-d6	6.58	99	237841	25.98	ng	-0.02
23) Nitrobenzene-d5	7.53	82	666156	95.74	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	123846	78.10	ng	-0.02
45) 2-Fluorobiphenyl	9.33	172	1113900	109.26	ng	-0.01
79) Terphenyl-d14	13.09	244	916460	95.27	ng	-0.02
Target Compounds						
10) Phenol	6.59	94	28342	2.896	ng	# 64
19) n-Nitroso-di-n-propylamine	7.53	70	88256	15.026	ng	# 76
25) Isophorone	7.53	82	666241	56.173	ng	# 67
51) 2,6-Dinitrotoluene	10.01	165	19718	7.746	ng	# 23
57) 2,4-Dinitrotoluene	10.01	165	19718	6.098	ng	# 19
67) 4-Bromophenyl-phenylether	10.80	248	7831	2.726	ng	# 1

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

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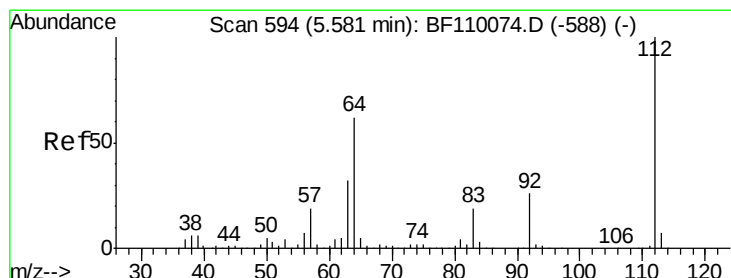
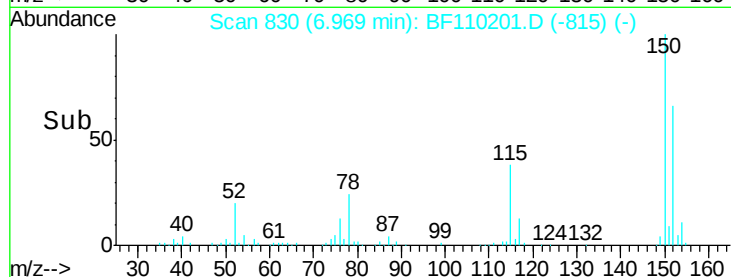
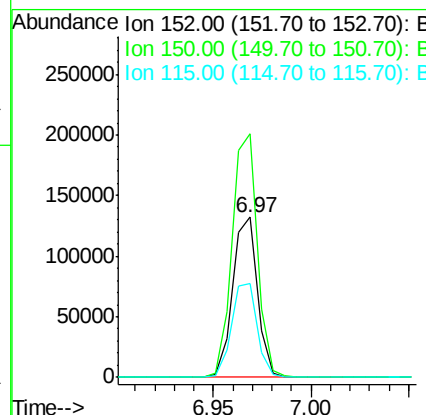
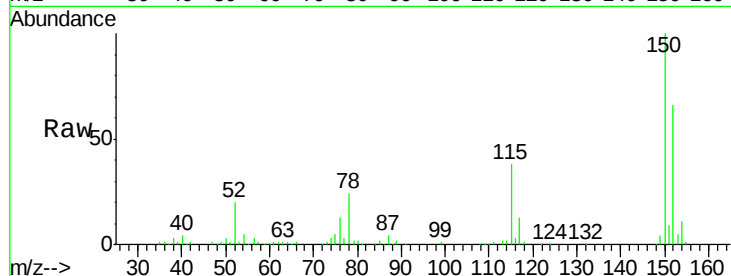




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF110201.D
 Acq: 26 Oct 2018 10:20

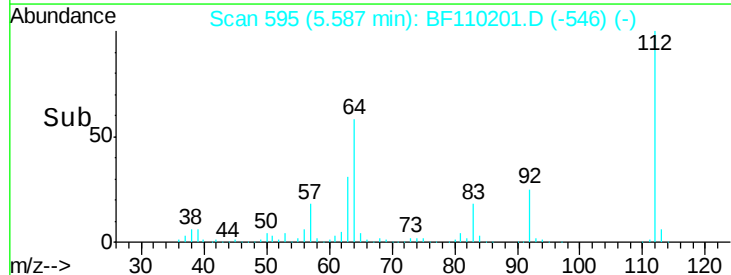
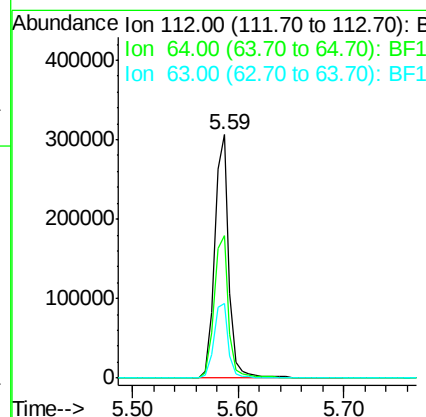
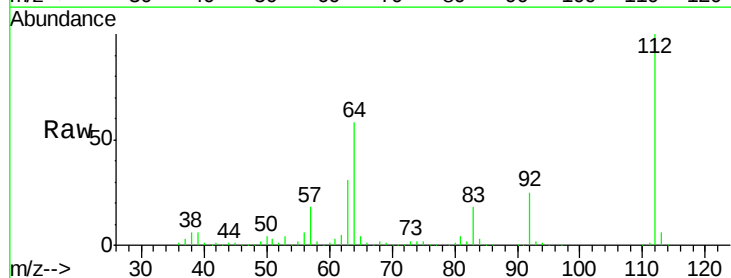
Instrument :
 BNA_F
 ClientSampleId :
 102318-SIDI-F-U-M

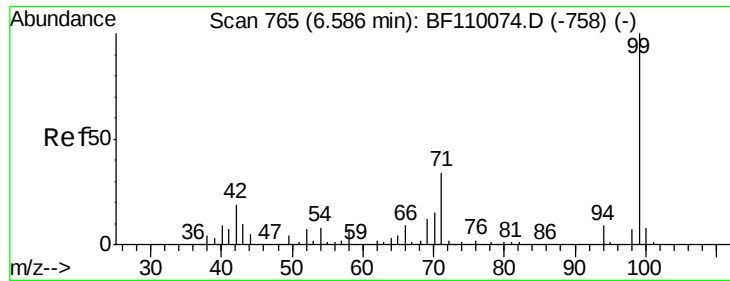
Tgt Ion:152 Resp: 116558
 Ion Ratio Lower Upper
 152 100
 150 152.1 122.7 184.1
 115 58.5 49.1 73.7



#5
 2-Fluorophenol
 Concen: 40.571 ng
 RT: 5.59 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF110201.D
 Acq: 26 Oct 2018 10:20

Tgt Ion:112 Resp: 290392
 Ion Ratio Lower Upper
 112 100
 64 58.4 44.1 66.1
 63 30.5 23.7 35.5





#7

Phenol-d6

Concen: 25.979 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110201.D

Acq: 26 Oct 2018 10:20

Instrument :

BNA_F

ClientSampleId :

102318-SIDI-F-U-M

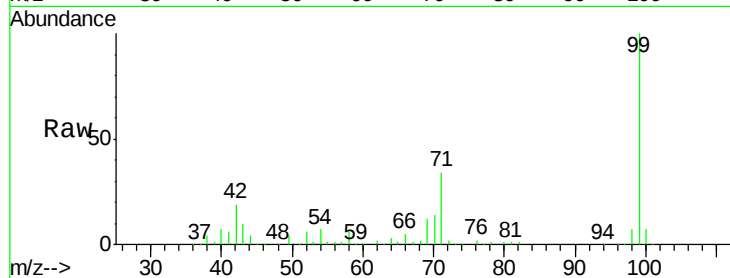
Tgt Ion: 99 Resp: 237841

Ion Ratio Lower Upper

99 100

42 18.5 15.8 23.6

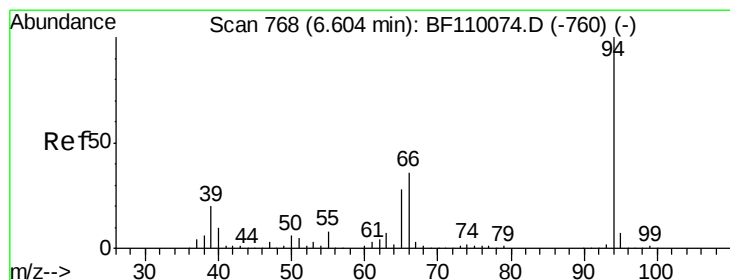
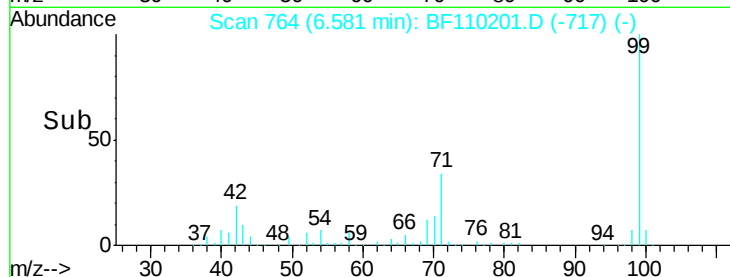
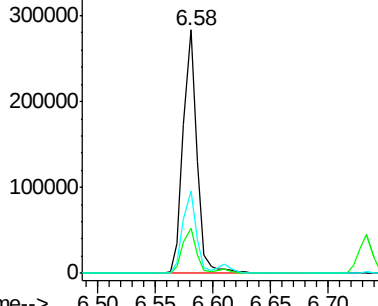
71 33.8 28.0 42.0



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



#10

Phenol

Concen: 2.896 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.02 min

Lab File: BF110201.D

Acq: 26 Oct 2018 10:20

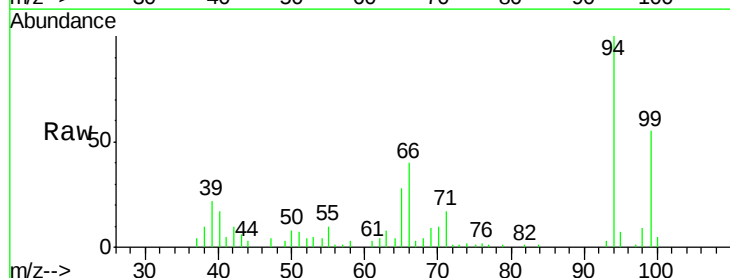
Tgt Ion: 94 Resp: 28342

Ion Ratio Lower Upper

94 100

65 27.9 25.3 65.3

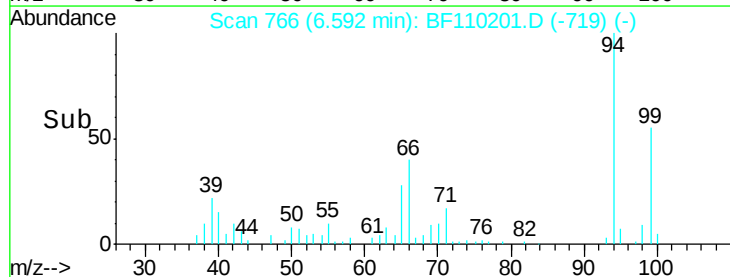
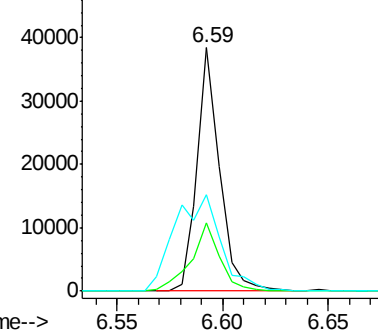
66 39.5 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

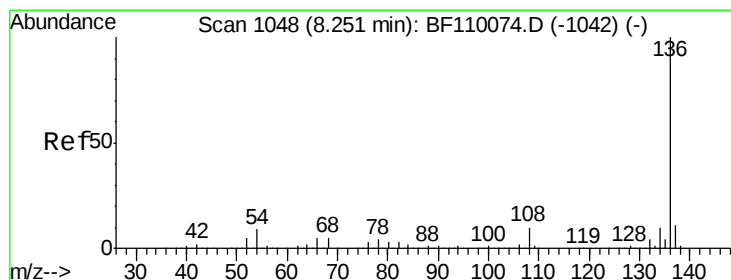
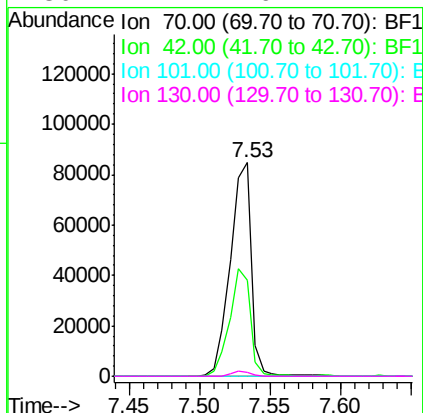
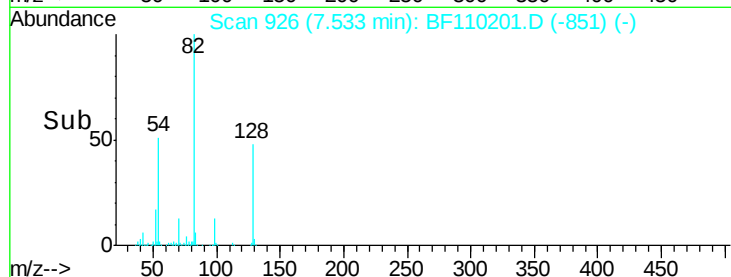
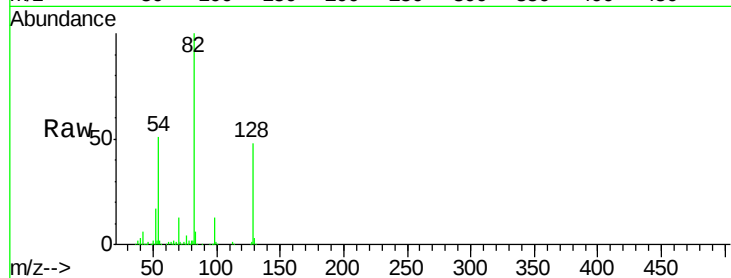




#19
n-Nitroso-di-n-propylamine
Concen: 15.026 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.14 min
Lab File: BF110201.D
Acq: 26 Oct 2018 10:20

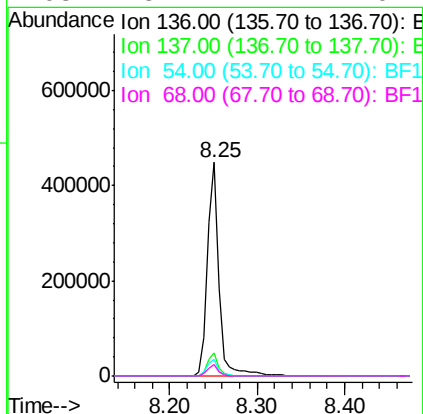
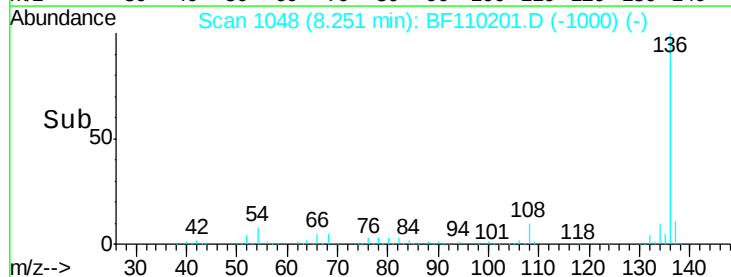
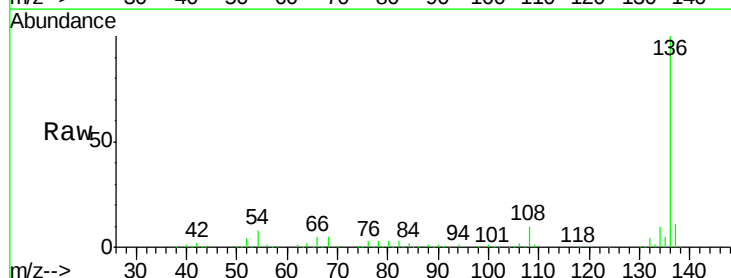
Instrument :
BNA_F
ClientSampleId :
102318-SIDI-F-U-M

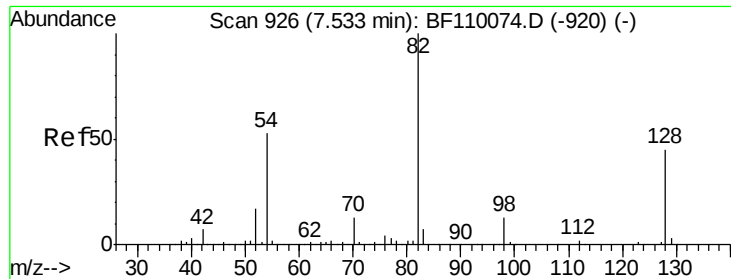
Tgt Ion: 70 Resp: 88256
Ion Ratio Lower Upper
70 100
42 45.2 47.4 71.2#
101 0.0 7.3 10.9#
130 2.1 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110201.D
Acq: 26 Oct 2018 10:20

Tgt Ion: 136 Resp: 412694
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.5 5.4 8.2
68 5.1 4.2 6.2

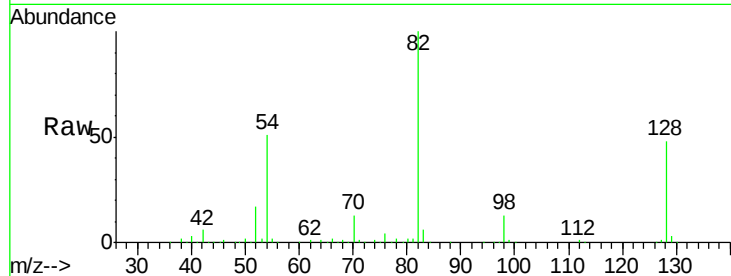




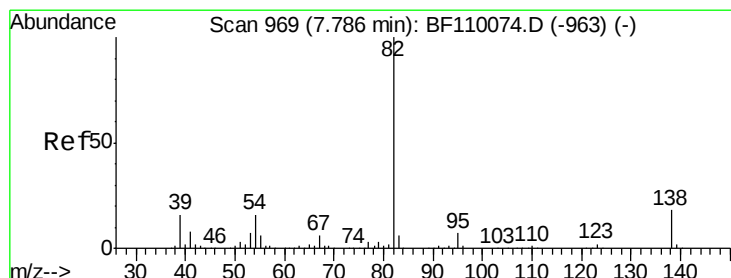
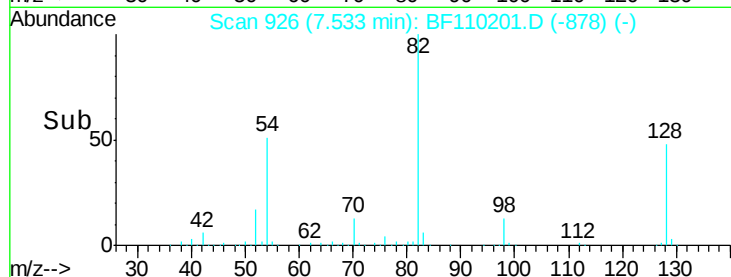
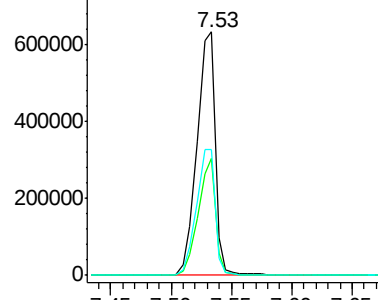
#23
 Nitrobenzene-d5
 Concen: 95.741 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.02 min
 Lab File: BF110201.D
 Acq: 26 Oct 2018 10:20

Instrument :
 BNA_F
 ClientSampleId :
 102318-SIDI-F-U-M

Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.2	34.2	51.2
54	51.5	38.6	58.0

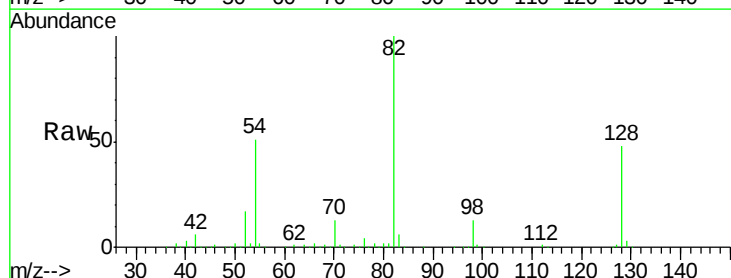


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

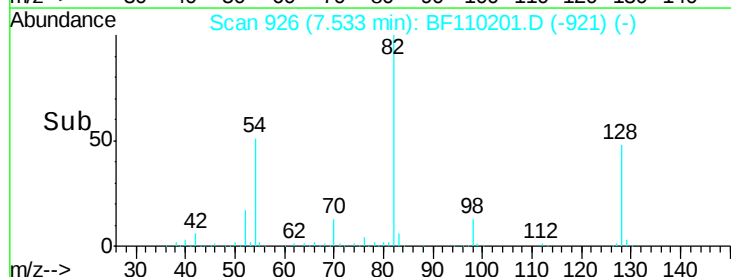
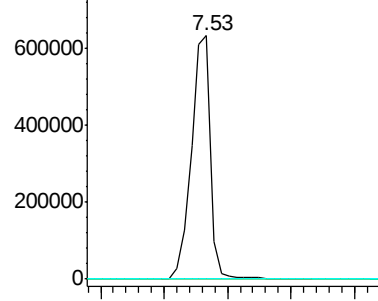


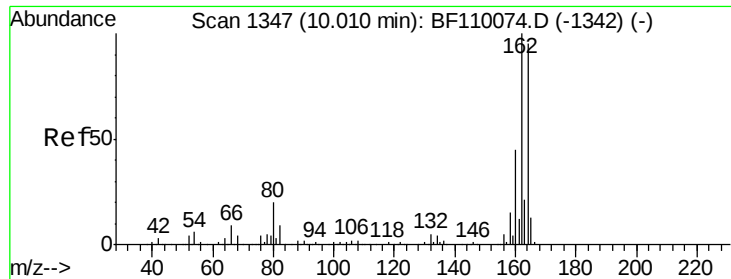
#25
 Isophorone
 Concen: 56.173 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.27 min
 Lab File: BF110201.D
 Acq: 26 Oct 2018 10:20

Tgt 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: 10.01 min Scan# 1347

Delta R.T. -0.02 min

Lab File: BF110201.D

Acq: 26 Oct 2018 10:20

Instrument :

BNA_F

ClientSampleId :

102318-SIDI-F-U-M

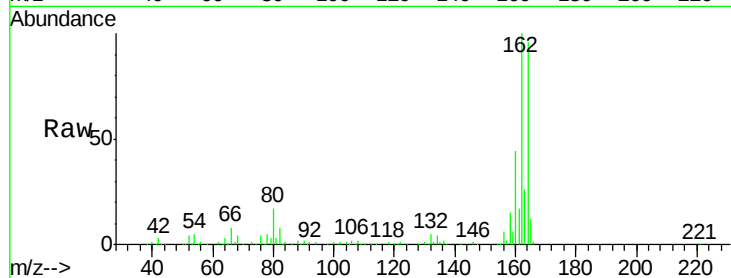
Tgt Ion:164 Resp: 160090

Ion Ratio Lower Upper

164 100

162 103.7 83.0 124.6

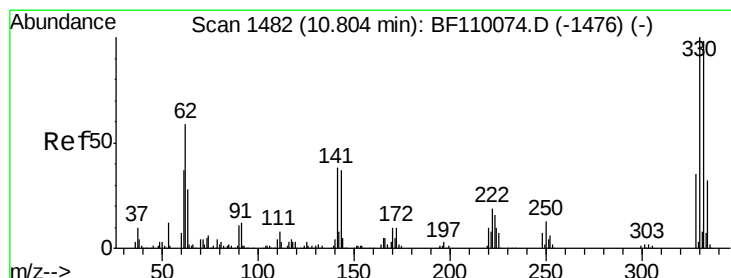
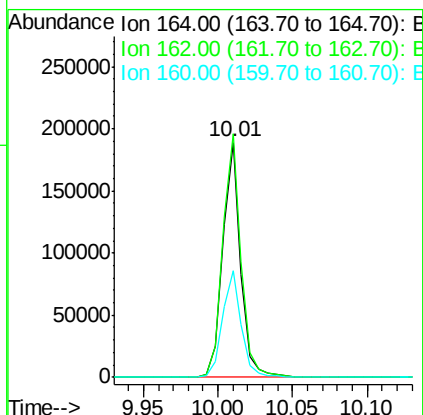
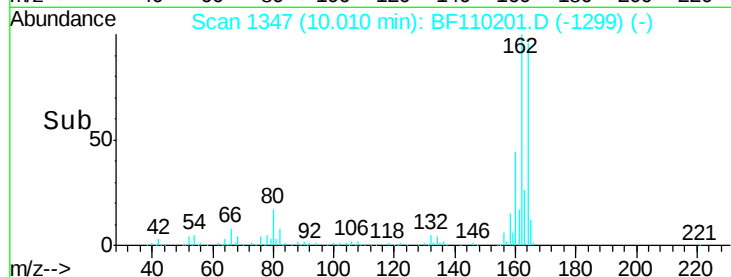
160 45.5 37.0 55.6



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: 78.097 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.02 min

Lab File: BF110201.D

Acq: 26 Oct 2018 10:20

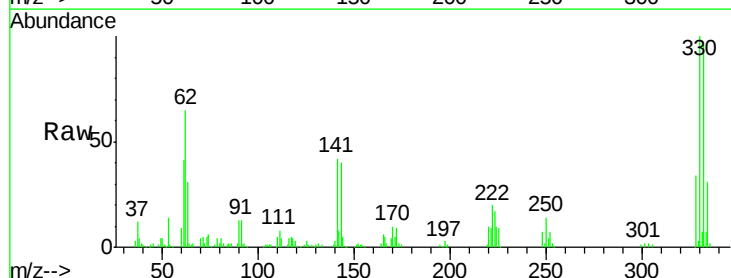
Tgt Ion:330 Resp: 123846

Ion Ratio Lower Upper

330 100

332 95.2 77.1 115.7

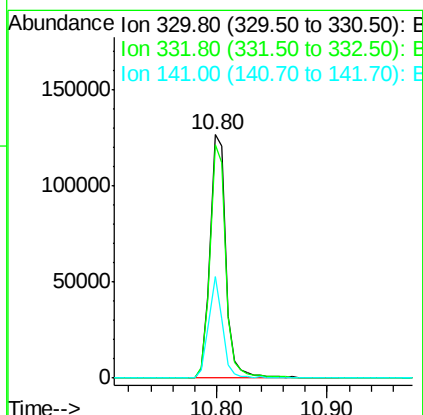
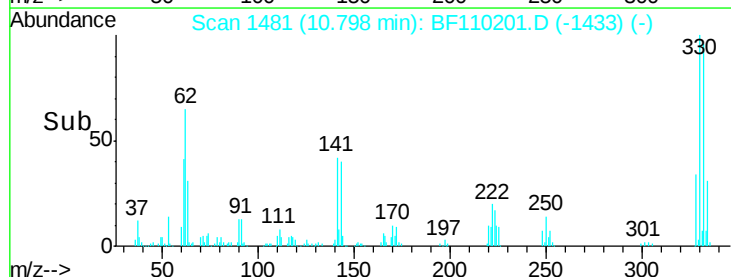
141 36.4 27.0 40.4

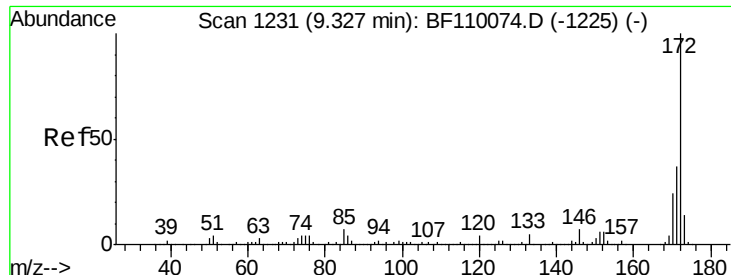


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

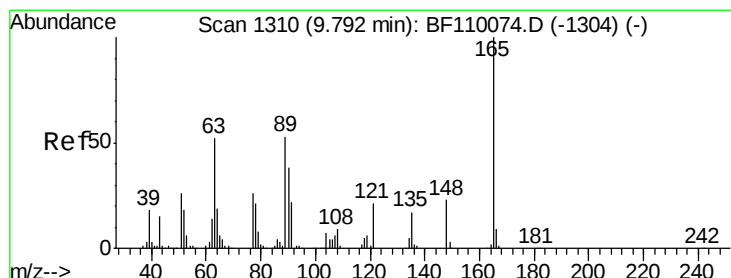
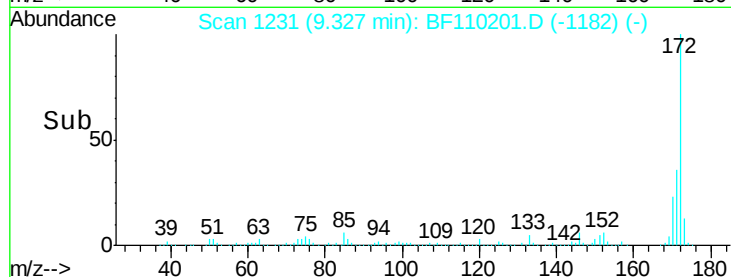
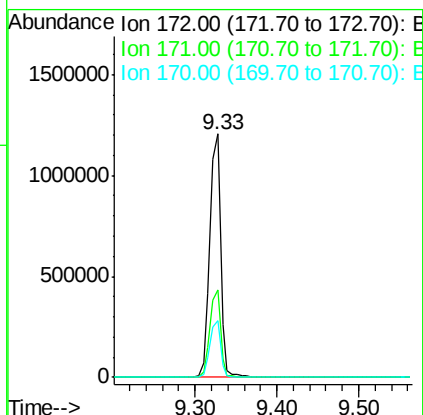
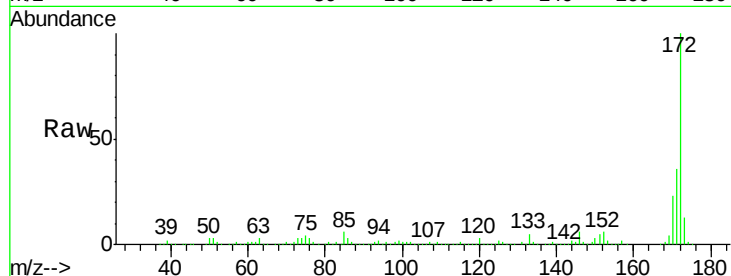




#45
 2-Fluorobiphenyl
 Concen: 109.258 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110201.D
 Acq: 26 Oct 2018 10:20

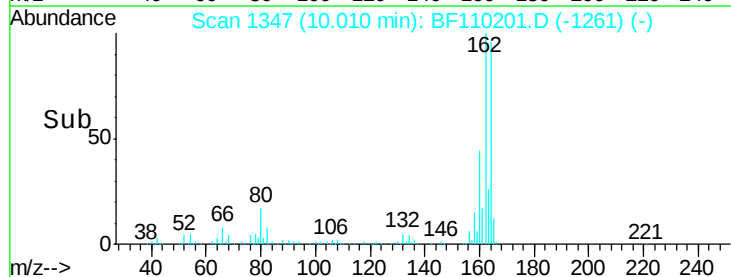
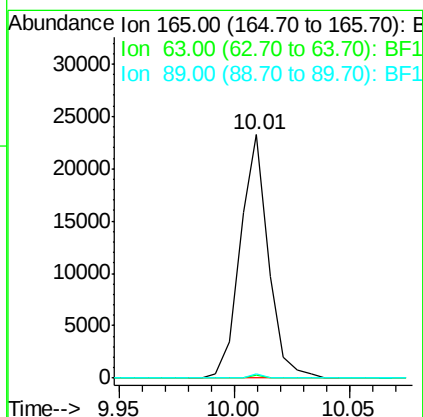
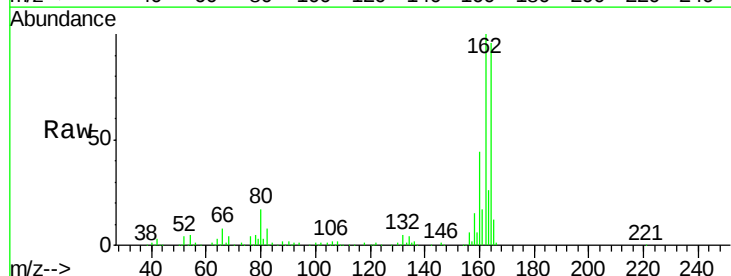
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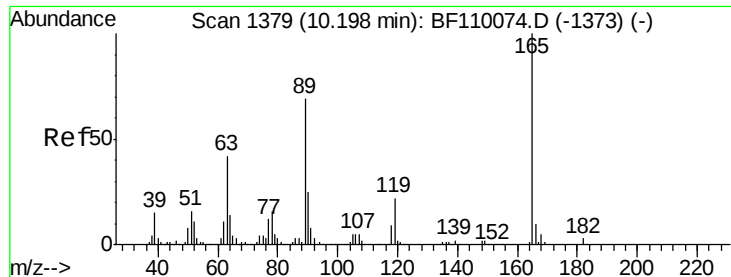
Tgt Ion:172 Resp: 1113900
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.6 43.0
 170 23.5 19.7 29.5



#51
 2,6-Dinitrotoluene
 Concen: 7.746 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. 0.21 min
 Lab File: BF110201.D
 Acq: 26 Oct 2018 10:20

Tgt Ion:165 Resp: 19718
 Ion Ratio Lower Upper
 165 100
 63 1.4 48.9 73.3#
 89 1.6 46.6 69.8#

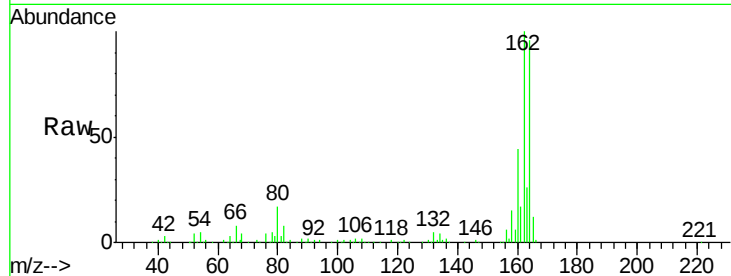




#57
 2,4-Dinitrotoluene
 Concen: 6.098 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.20 min
 Lab File: BF110201.D
 Acq: 26 Oct 2018 10:20

Instrument :
 BNA_F
 ClientSampleId :
 102318-SIDI-F-U-M

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.8	67.2#
89	1.6	62.2	93.4#
182	0.0	2.1	3.1#

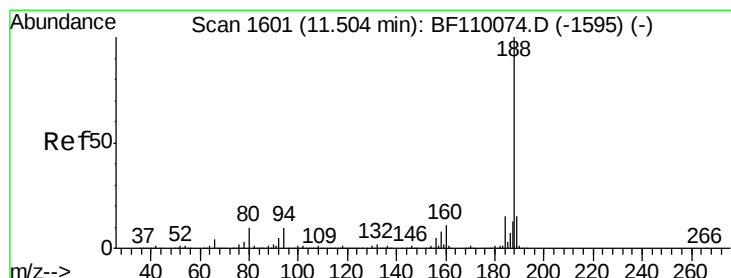
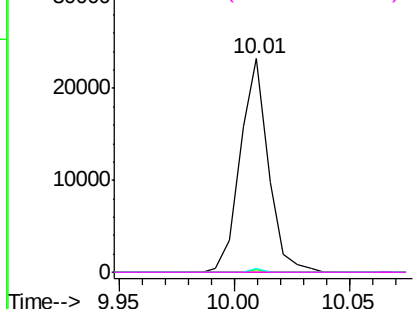
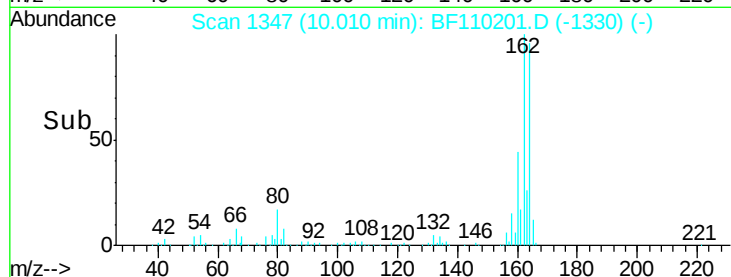


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

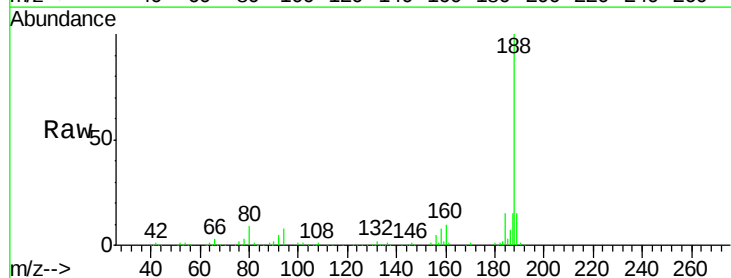
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: BF110201.D
 Acq: 26 Oct 2018 10:20

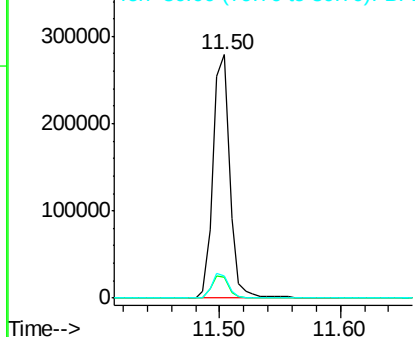
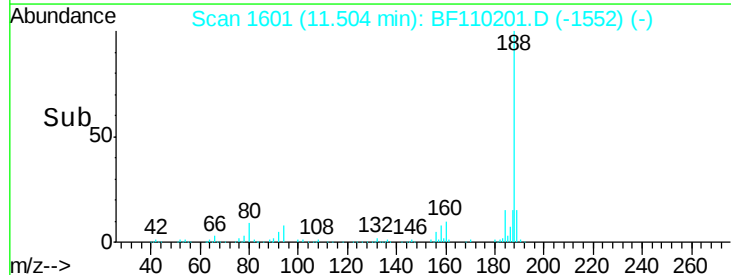
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.2	10.8
80	9.2	7.9	11.9



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

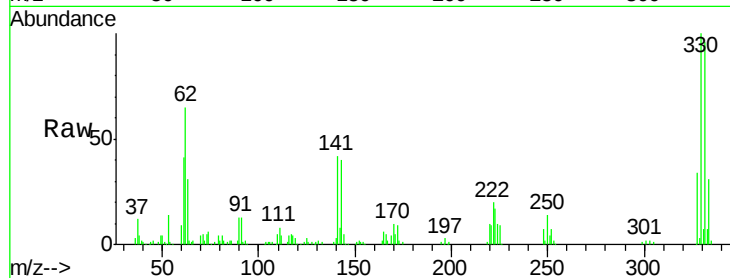




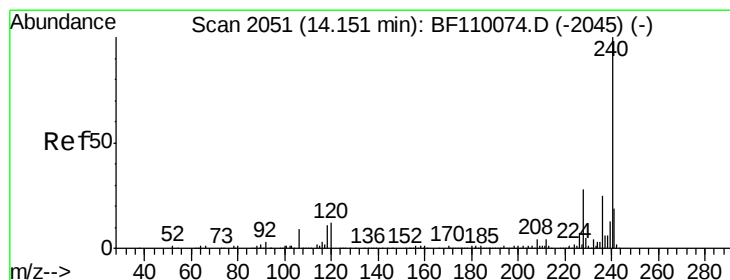
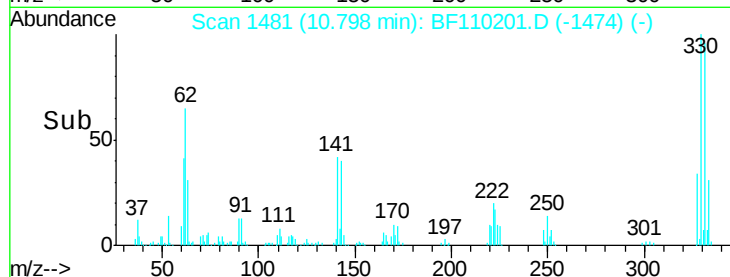
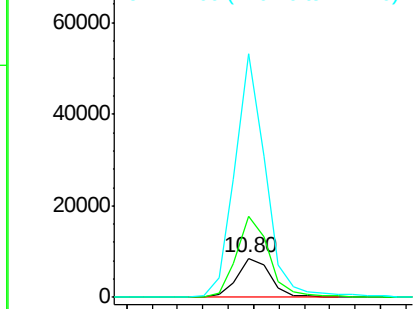
#67
4-Bromophenyl-phenylether
Concen: 2.726 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.26 min
Lab File: BF110201.D
Acq: 26 Oct 2018 10:20

Instrument :
BNA_F
ClientSampleId :
102318-SIDI-F-U-M

Tgt Ion:248 Resp: 7831
Ion Ratio Lower Upper
248 100
250 207.7 79.4 119.2#
141 627.7 55.9 83.9#

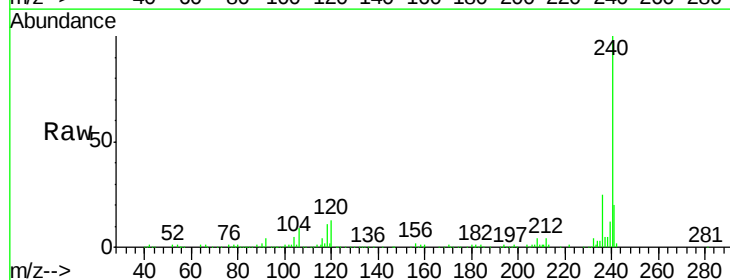


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

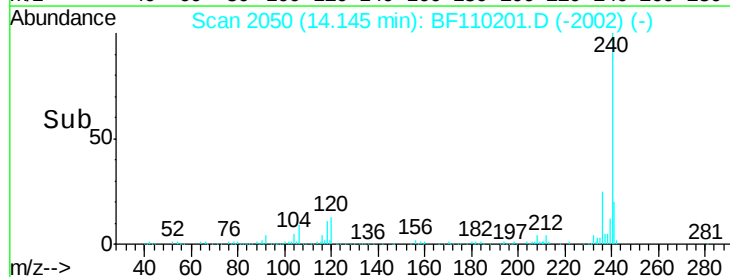
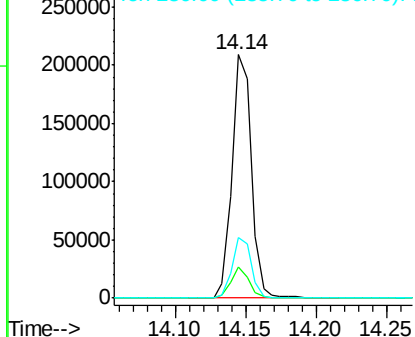


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF110201.D
Acq: 26 Oct 2018 10:20

Tgt Ion:240 Resp: 200056
Ion Ratio Lower Upper
240 100
120 13.0 8.3 12.5#
236 24.9 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





#79

Terphenyl-d14

Concen: 95.272 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110201.D

Acq: 26 Oct 2018 10:20

Instrument :

BNA_F

ClientSampleId :

102318-SIDI-F-U-M

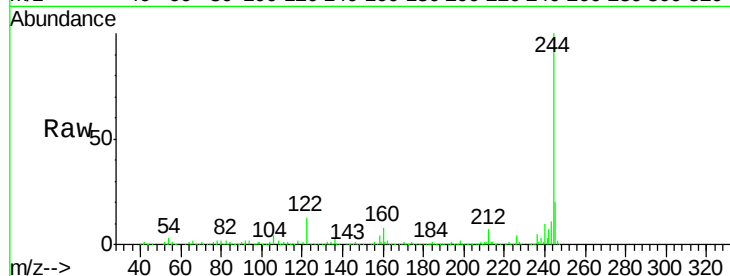
Tgt Ion:244 Resp: 916460

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

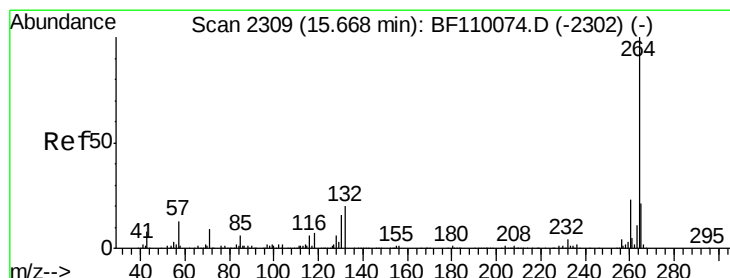
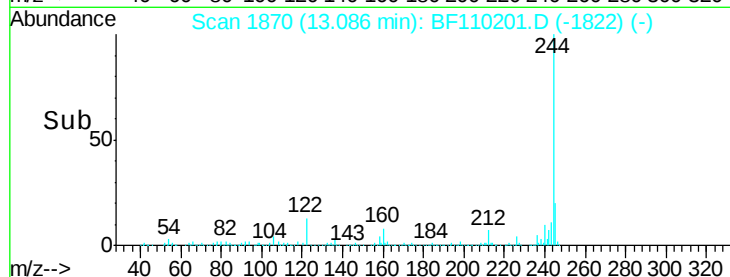
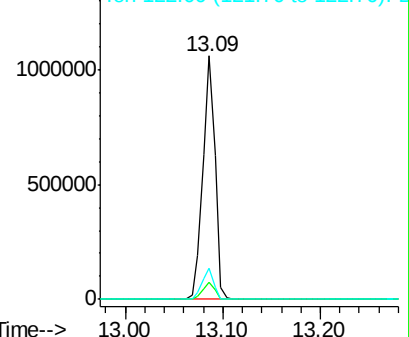
122 12.7 8.7 13.1



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: 15.67 min Scan# 2310

Delta R.T. -0.02 min

Lab File: BF110201.D

Acq: 26 Oct 2018 10:20

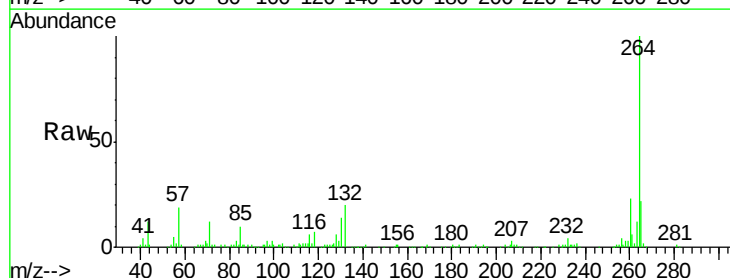
Tgt Ion:264 Resp: 148865

Ion Ratio Lower Upper

264 100

260 22.5 18.7 28.1

265 22.2 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

