

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111218\
 Data File : BF110700.D
 Acq On : 13 Nov 2018 4:00
 Operator : JU/SJ
 Sample : J5904-11
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

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

Quant Time: Nov 13 07:19:18 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

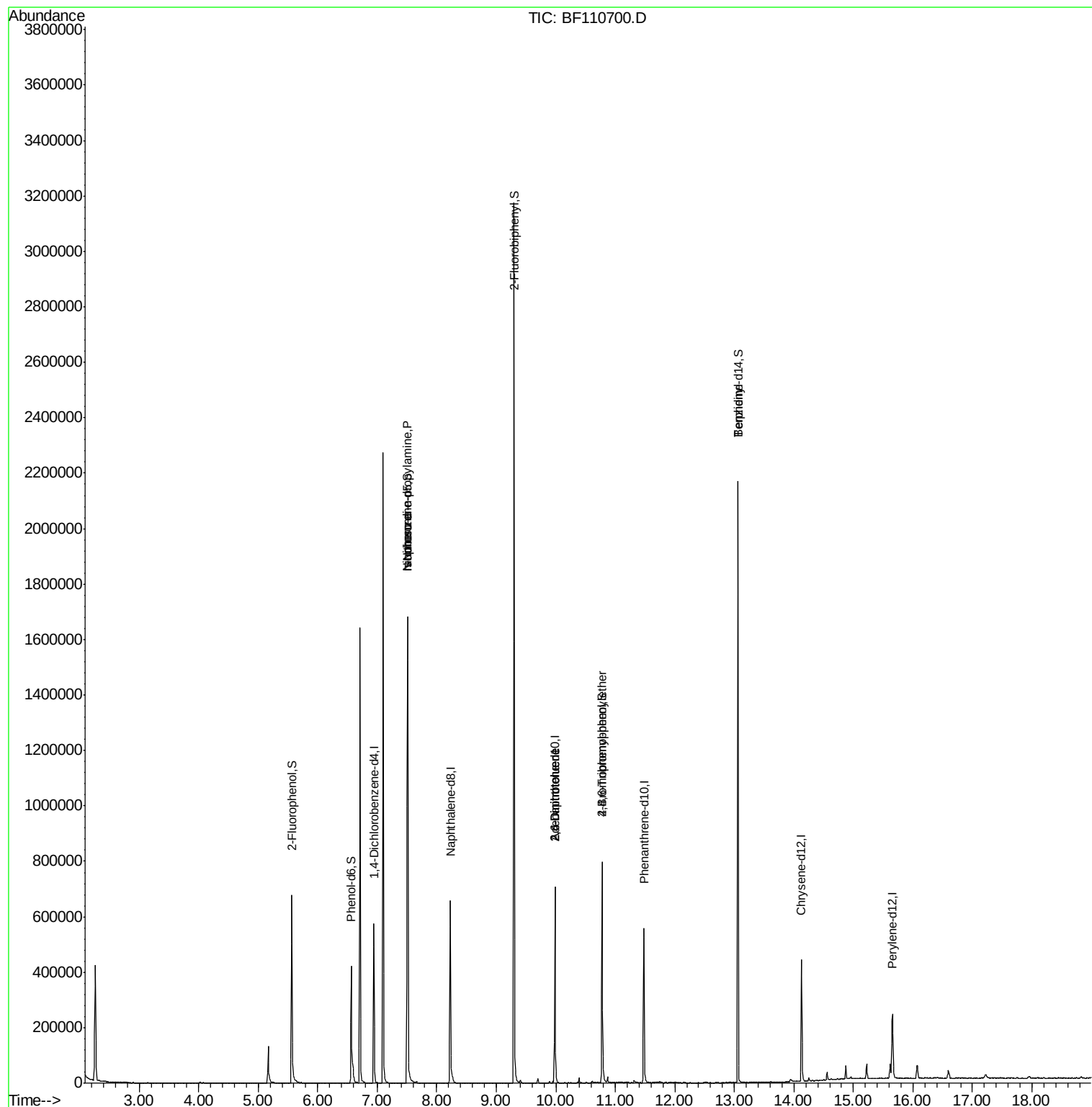
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	88047	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	362250	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	152031	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	243108	20.00	ng	0.00
76) Chrysene-d12	14.13	240	163804	20.00	ng	-0.01
87) Perylene-d12	15.66	264	125088	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	213448	39.38	ng	0.00
7) Phenol-d6	6.56	99	157497	22.72	ng	-0.01
23) Nitrobenzene-d5	7.51	82	624980	99.36	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	103223	67.38	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	1092099	102.59	ng	0.00
79) Terphenyl-d14	13.06	244	714911	81.74	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	81931	18.517	ng	# 79
25) Isophorone	7.51	82	624975	60.620	ng	# 67
51) 2,6-Dinitrotoluene	9.99	165	19111	7.658	ng	# 23
57) 2,4-Dinitrotoluene	9.99	165	19111	5.890	ng	# 19
67) 4-Bromophenyl-phenylether	10.77	248	6571	2.446	ng	# 1
77) Benzidine	13.06	184	9350	2.076	ng	97

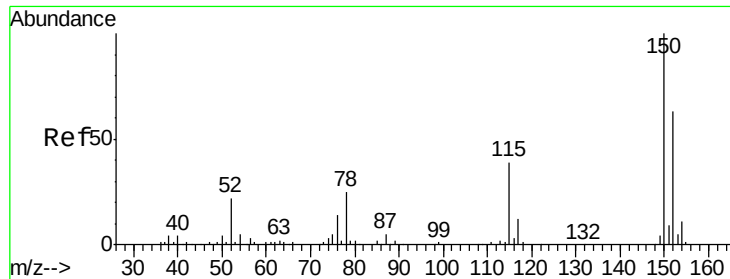
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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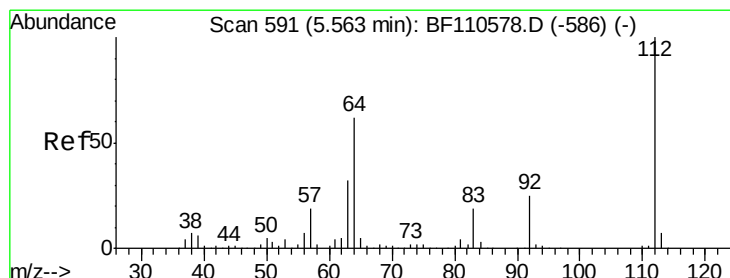
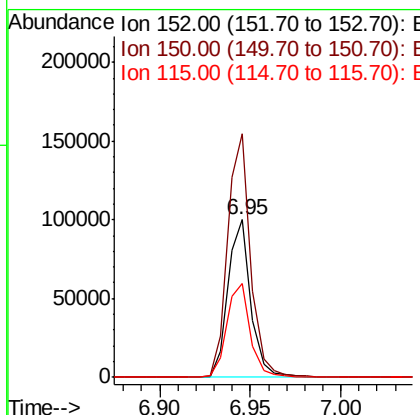
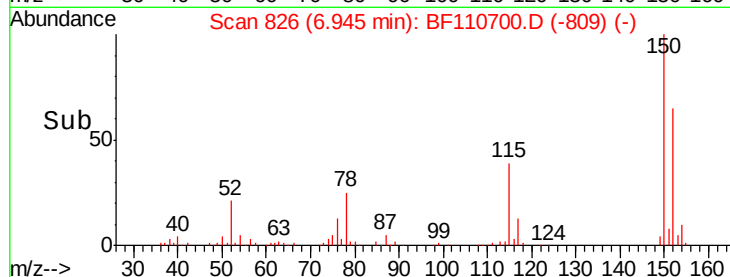
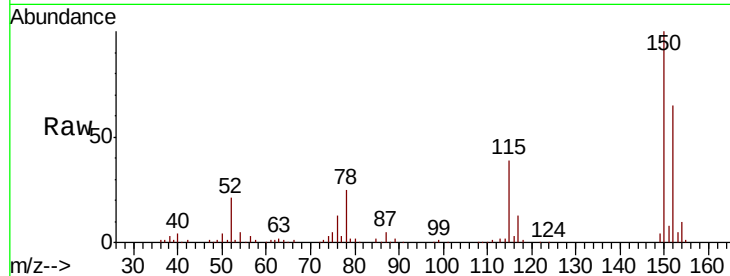




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF110700.D
 Acq: 13 Nov 2018 4:00

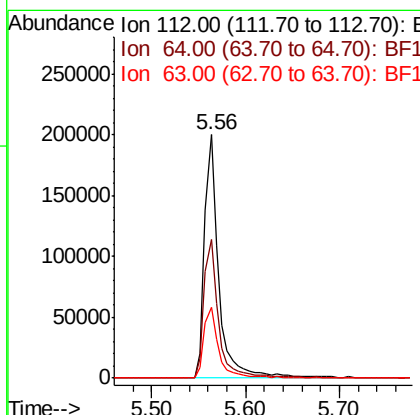
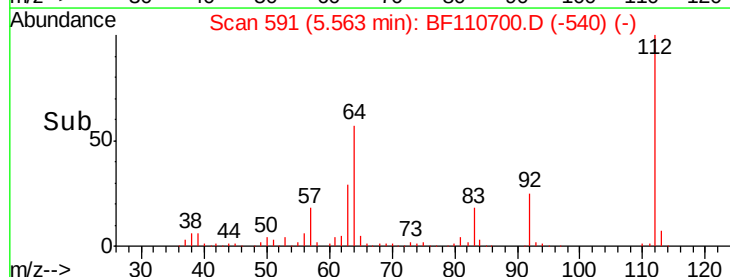
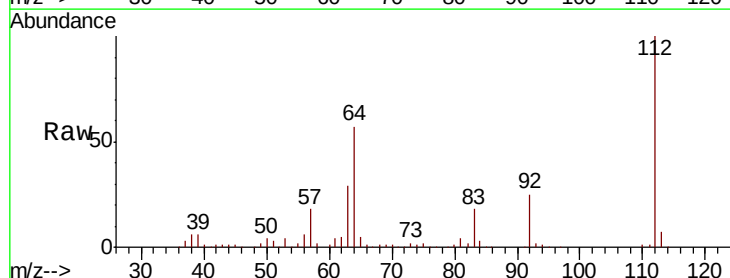
Instrument :
 BNA_F
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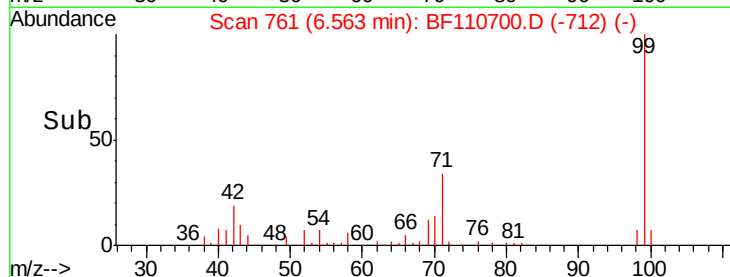
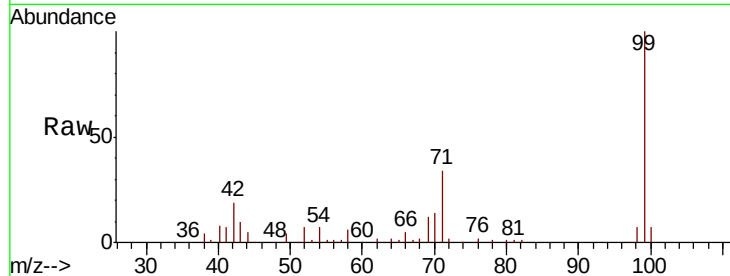
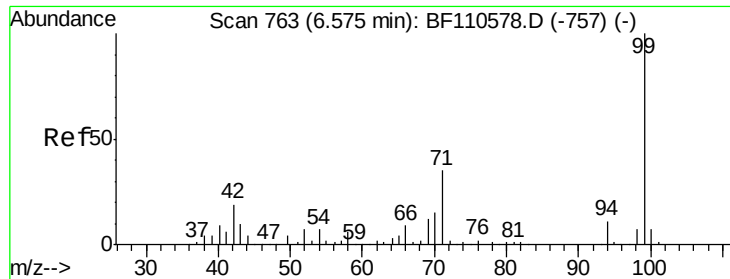
Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.4	122.7	184.1
115	59.9	49.1	73.7



#5
 2-Fluorophenol
 Concen: 39.377 ng
 RT: 5.56 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF110700.D
 Acq: 13 Nov 2018 4:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	44.1	66.1
63	29.3	23.7	35.5





#7

Phenol-d6

Concen: 22.722 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110700.D

Acq: 13 Nov 2018 4:00

Instrument :

BNA_F

ClientSampleId :

110818-SIDI-F-D-B

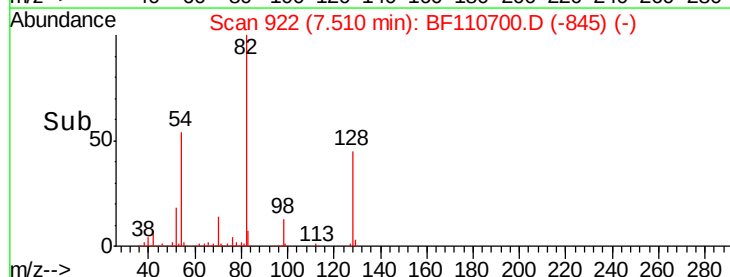
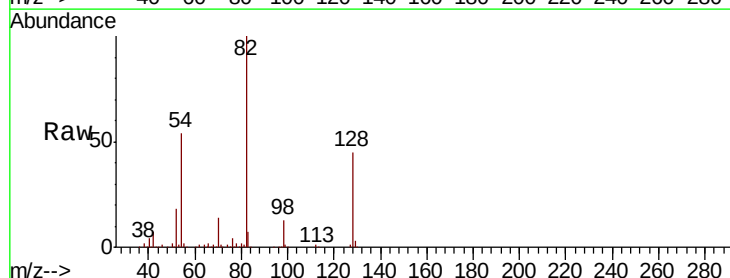
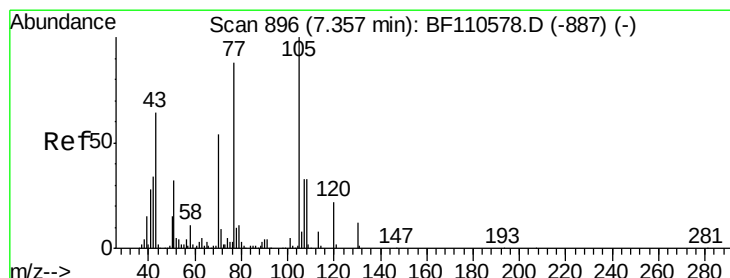
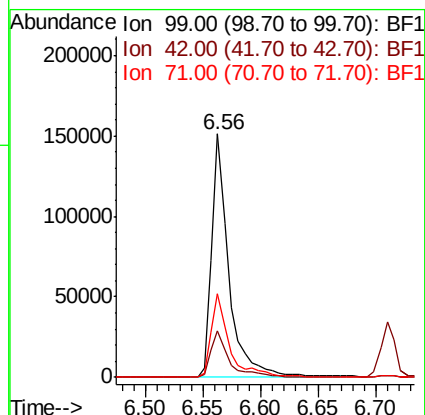
Tgt Ion: 99 Resp: 157497

Ion Ratio Lower Upper

99 100

42 19.1 15.8 23.6

71 34.4 28.0 42.0



#19

n-Nitroso-di-n-propylamine

Concen: 18.517 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.15 min

Lab File: BF110700.D

Acq: 13 Nov 2018 4:00

Tgt Ion: 70 Resp: 81931

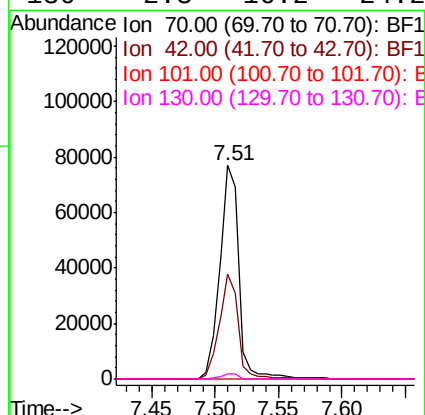
Ion Ratio Lower Upper

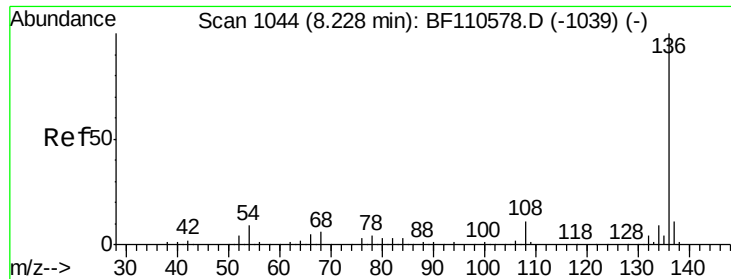
70 100

42 48.9 47.4 71.2

101 0.0 7.3 10.9#

130 2.3 16.2 24.2#

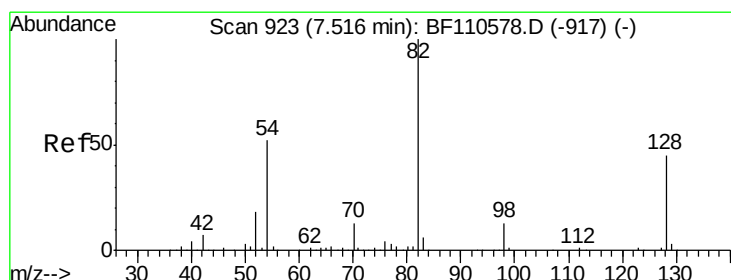
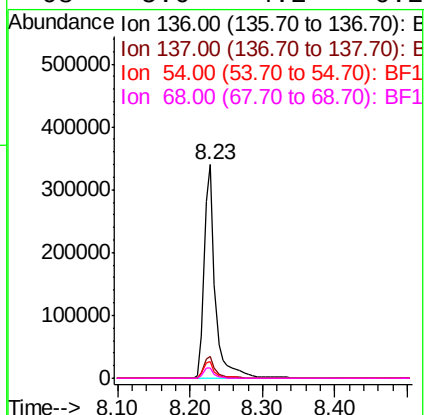
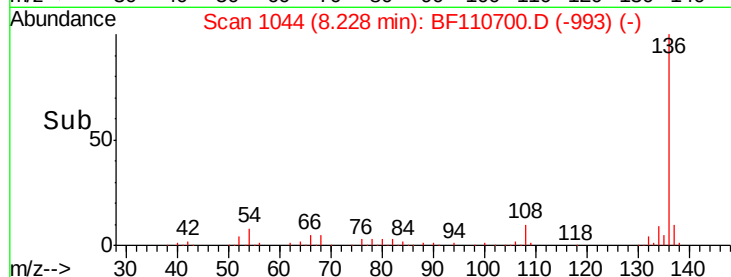
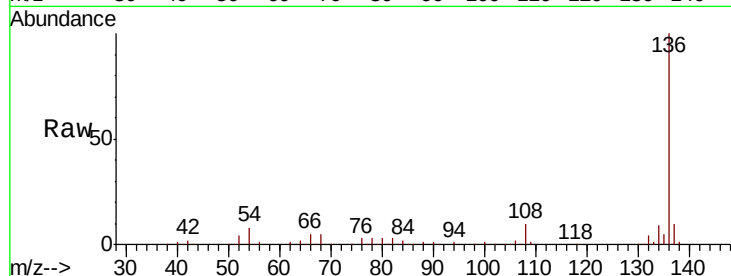




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110700.D
Acq: 13 Nov 2018 4:00

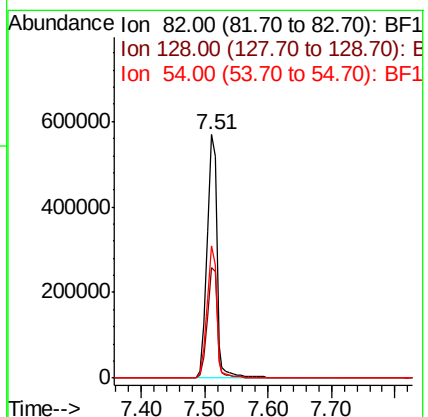
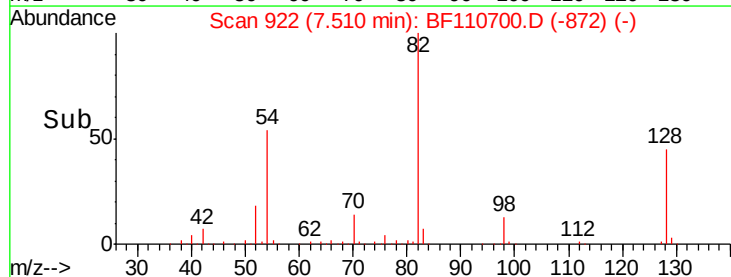
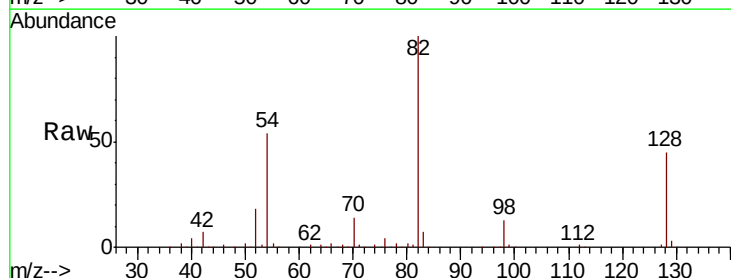
Instrument :
BNA_F
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110818-SIDI-F-D-B

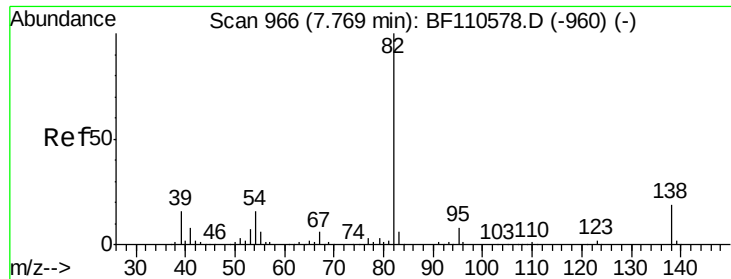
Tgt Ion:	136	Resp:	362250
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.8	13.2
54	7.7	5.4	8.2
68	5.0	4.2	6.2



#23
Nitrobenzene-d5
Concen: 99.358 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110700.D
Acq: 13 Nov 2018 4:00

Tgt Ion:	82	Resp:	624980
Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.2	51.2
54	54.2	38.6	58.0

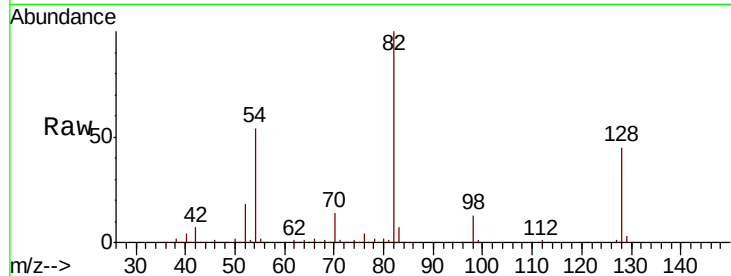




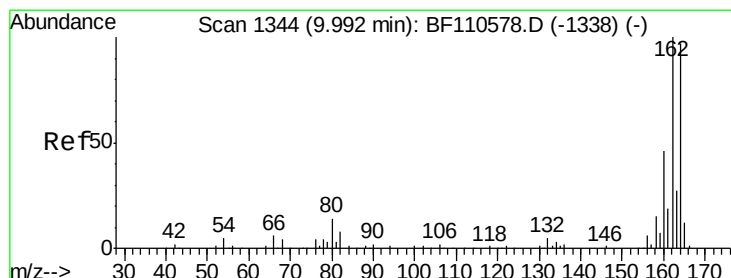
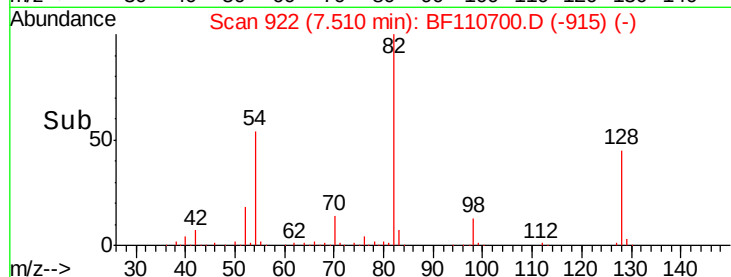
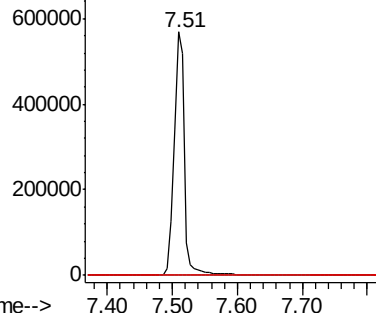
#25
Isophorone
Concen: 60.620 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF110700.D
Acq: 13 Nov 2018 4:00

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

Tgt Ion: 82 Resp: 624975
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#

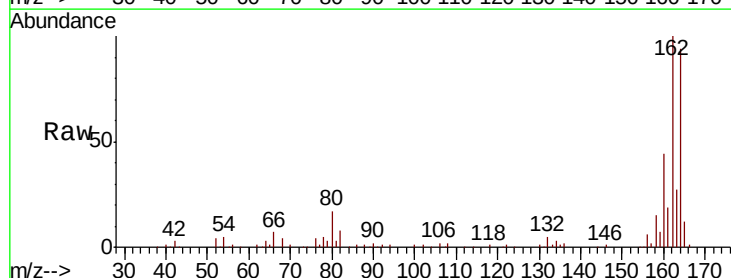


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

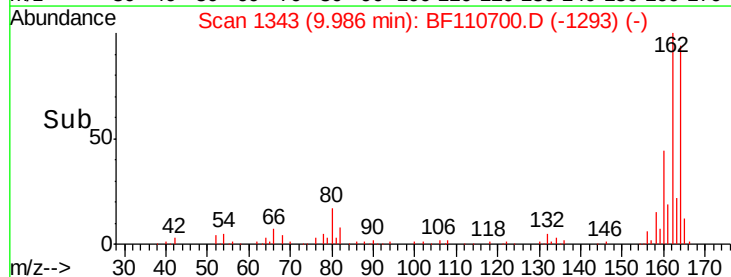
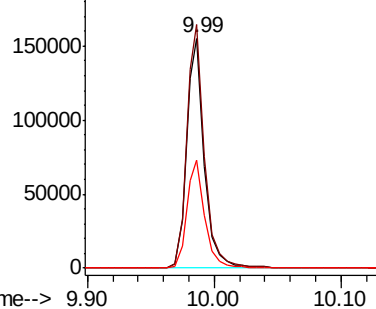


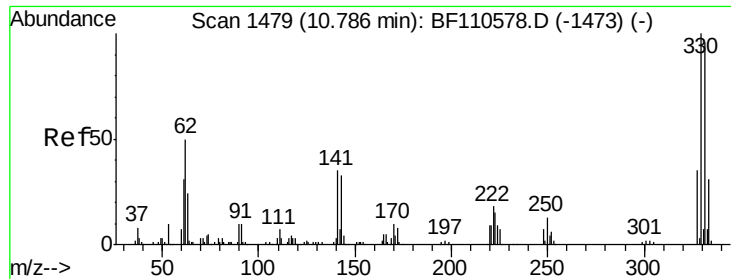
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110700.D
Acq: 13 Nov 2018 4:00

Tgt Ion: 164 Resp: 152031
Ion Ratio Lower Upper
164 100
162 106.1 83.0 124.6
160 46.9 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: 67.382 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF110700.D

Acq: 13 Nov 2018 4:00

Instrument :

BNA_F

ClientSampleId :

110818-SIDI-F-D-B

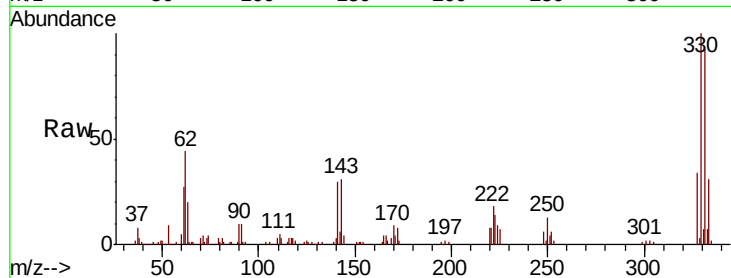
Tgt Ion:330 Resp: 103223

Ion Ratio Lower Upper

330 100

332 95.9 77.1 115.7

141 37.7 27.0 40.4

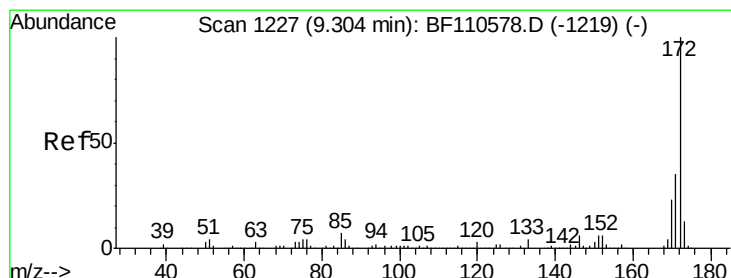
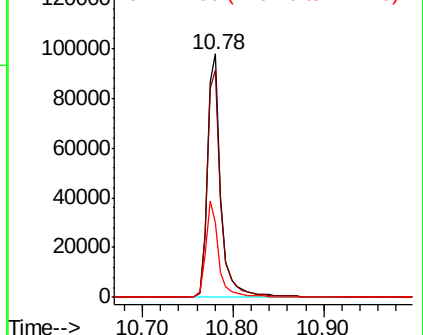
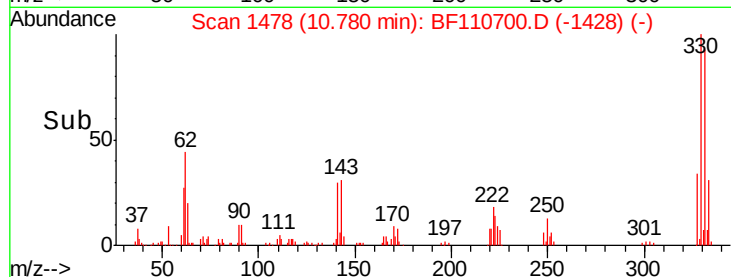


Abundance

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: 102.592 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF110700.D

Acq: 13 Nov 2018 4:00

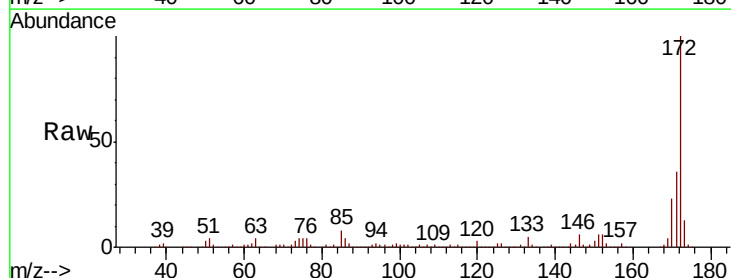
Tgt Ion:172 Resp: 1092099

Ion Ratio Lower Upper

172 100

171 36.4 28.6 43.0

170 23.5 19.7 29.5

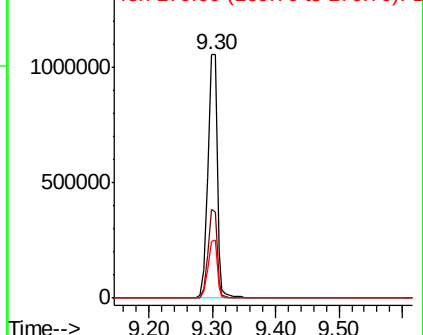
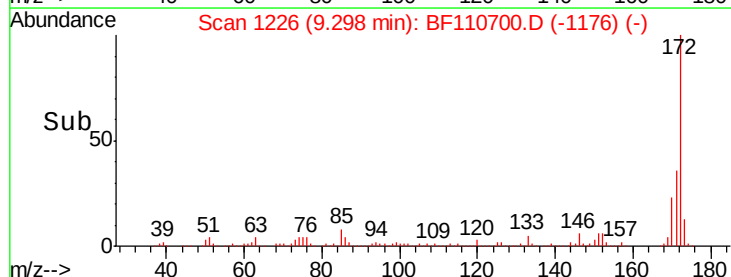


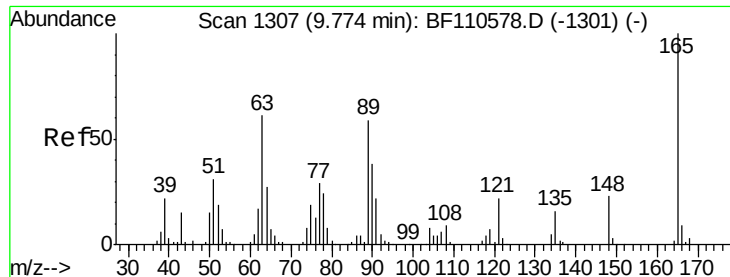
Abundance

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

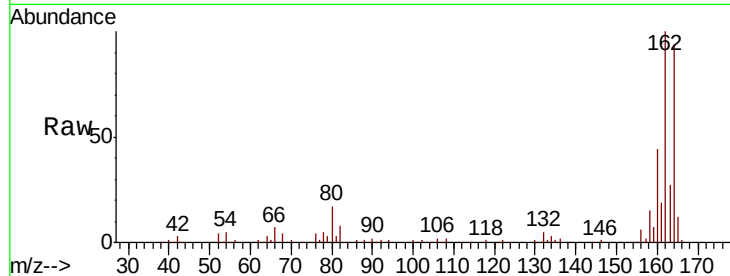




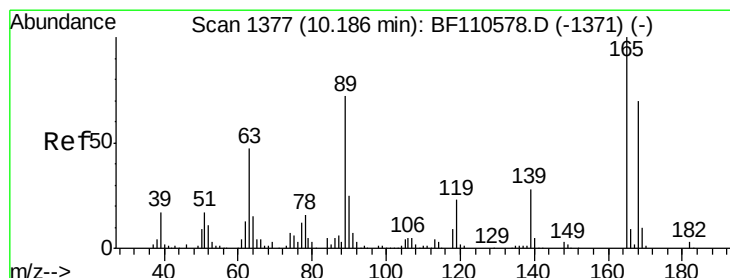
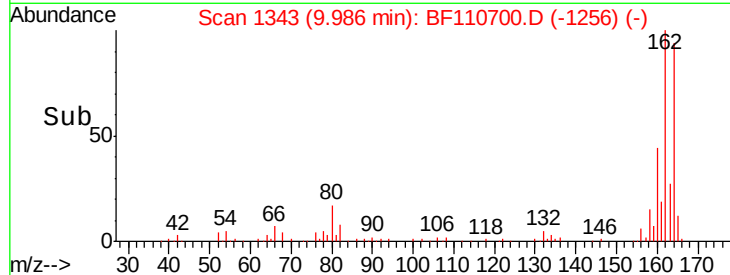
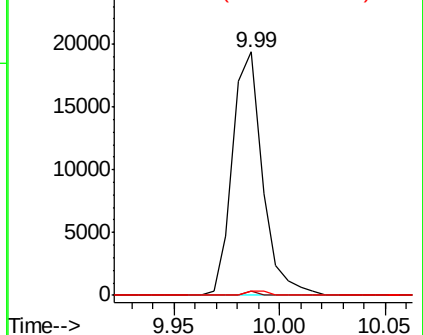
#51
 2,6-Dinitrotoluene
 Concen: 7.658 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.21 min
 Lab File: BF110700.D
 Acq: 13 Nov 2018 4:00

Instrument :
 BNA_F
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 110818-SIDI-F-D-B

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	48.9	73.3#
89	1.6	46.6	69.8#

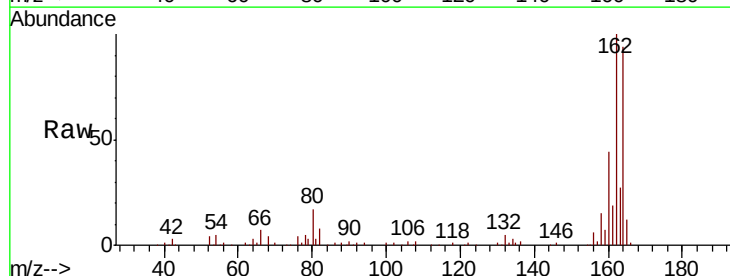


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

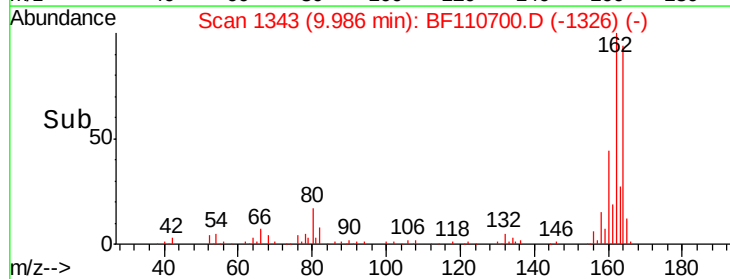
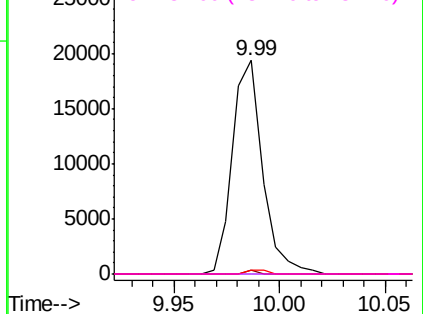


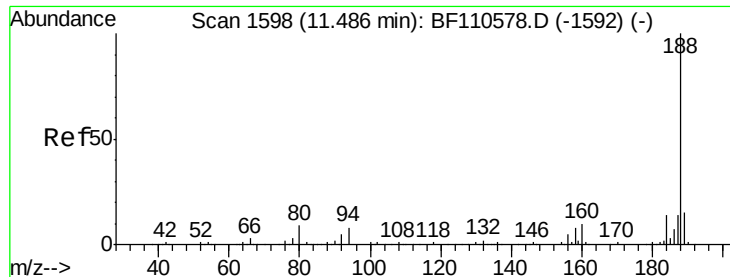
#57
 2,4-Dinitrotoluene
 Concen: 5.890 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.20 min
 Lab File: BF110700.D
 Acq: 13 Nov 2018 4:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	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

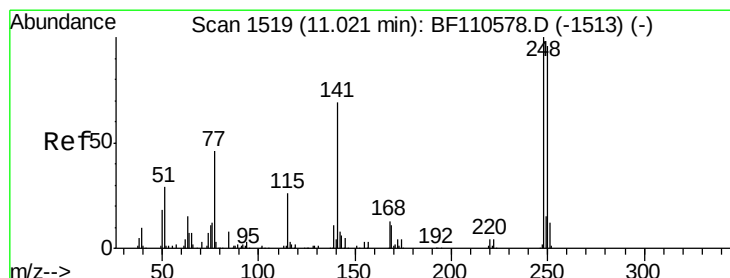
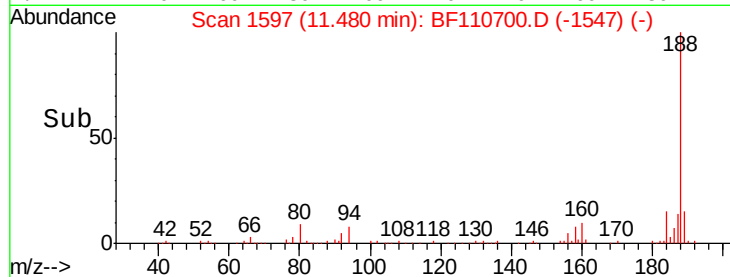
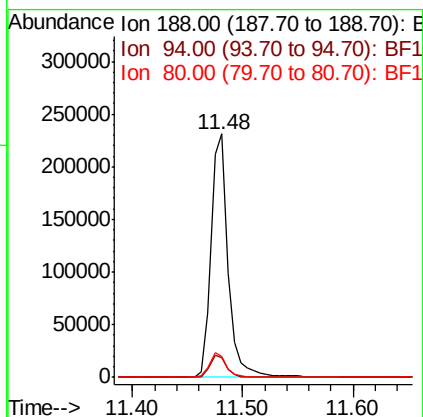
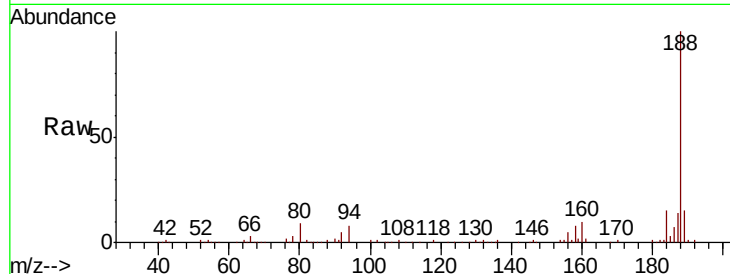




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110700.D
 Acq: 13 Nov 2018 4:00

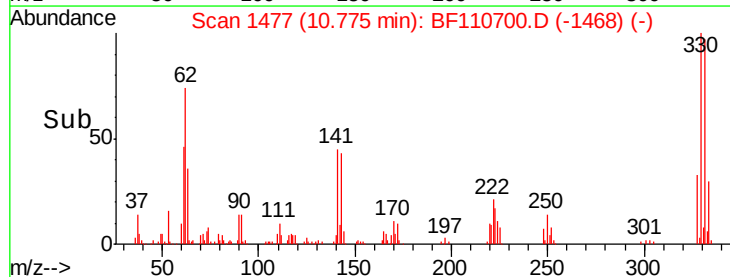
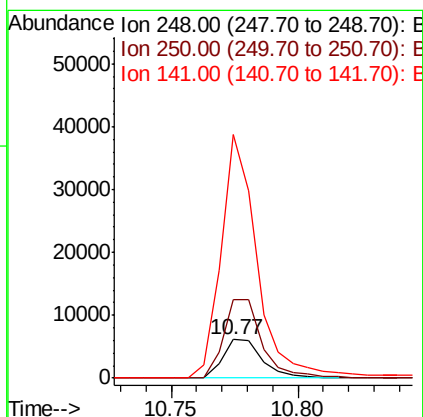
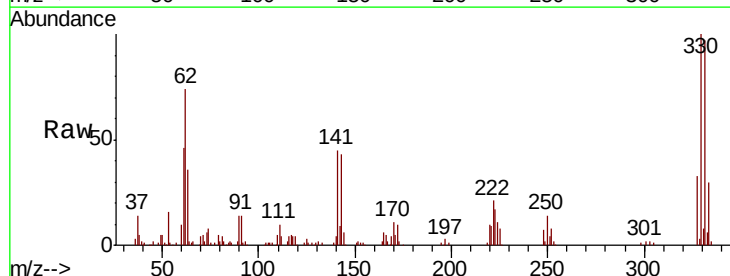
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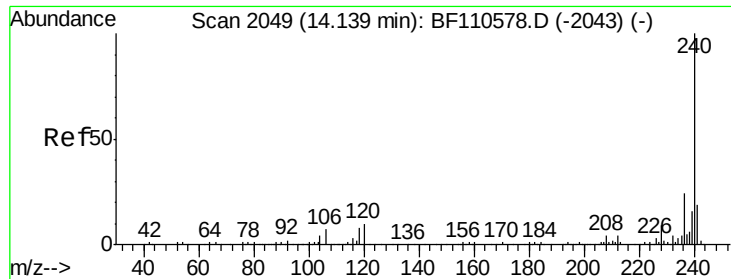
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.2	10.8
80	8.6	7.9	11.9



#67
 4-Bromophenyl-phenylether
 Concen: 2.446 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. -0.25 min
 Lab File: BF110700.D
 Acq: 13 Nov 2018 4:00

Tgt Ion	Ratio	Lower	Upper
248	100		
250	203.0	79.4	119.2#
141	629.4	55.9	83.9#

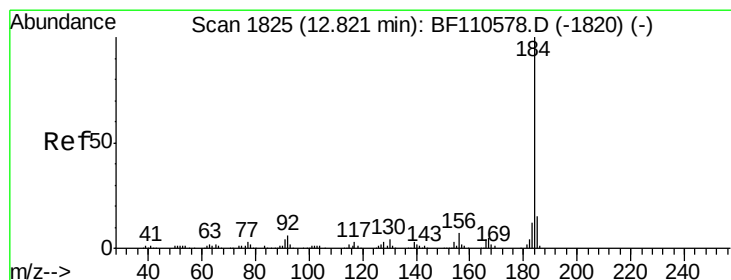
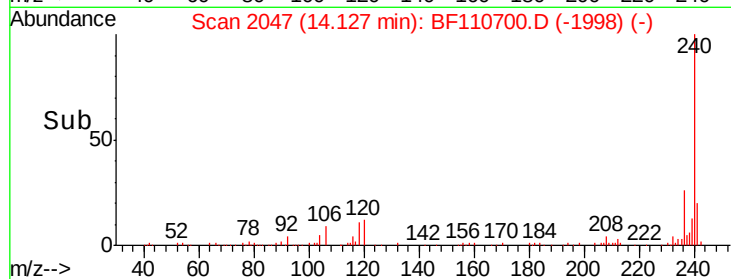
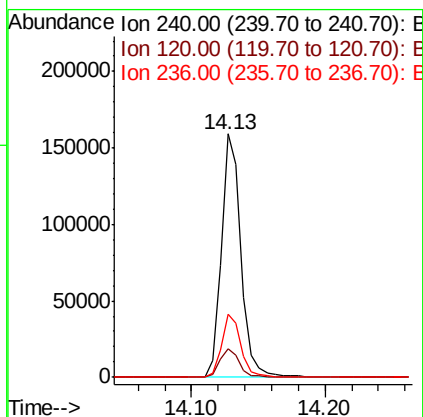
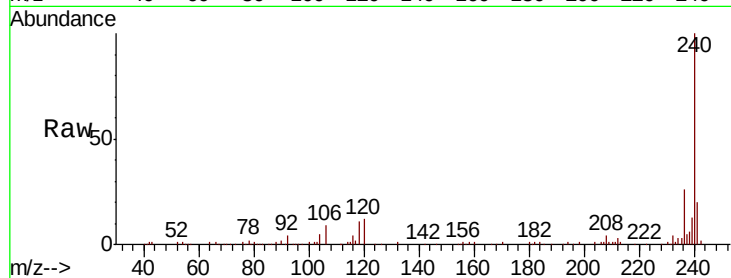




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110700.D
Acq: 13 Nov 2018 4:00

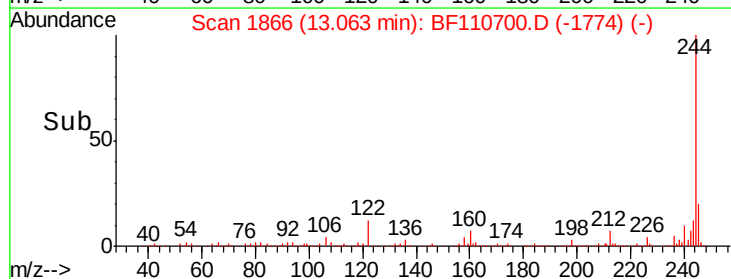
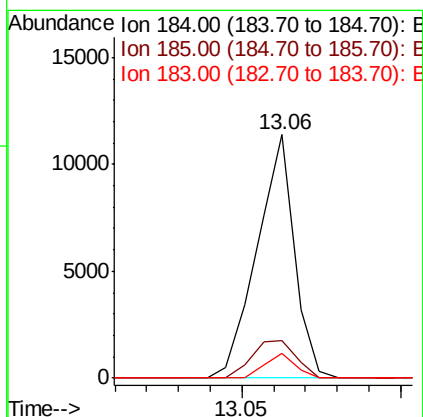
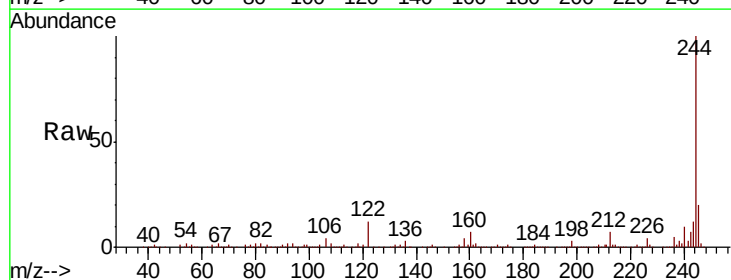
Instrument :
BNA_F
ClientSampleId :
110818-SIDI-F-D-B

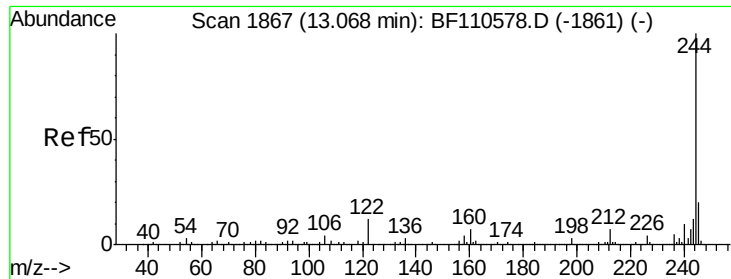
Tgt Ion:240 Resp: 163804
Ion Ratio Lower Upper
240 100
120 12.0 8.3 12.5
236 25.7 21.2 31.8



#77
Benzidine
Concen: 2.076 ng
RT: 13.06 min Scan# 1866
Delta R.T. 0.24 min
Lab File: BF110700.D
Acq: 13 Nov 2018 4:00

Tgt Ion:184 Resp: 9350
Ion Ratio Lower Upper
184 100
185 15.5 13.4 20.2
183 10.3 9.4 14.2





#79

Terphenyl-d14

Concen: 81.735 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110700.D

Acq: 13 Nov 2018 4:00

Instrument :

BNA_F

ClientSampleId :

110818-SIDI-F-D-B

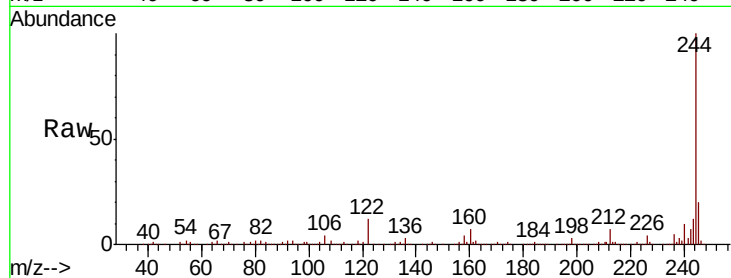
Tgt Ion:244 Resp: 714911

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

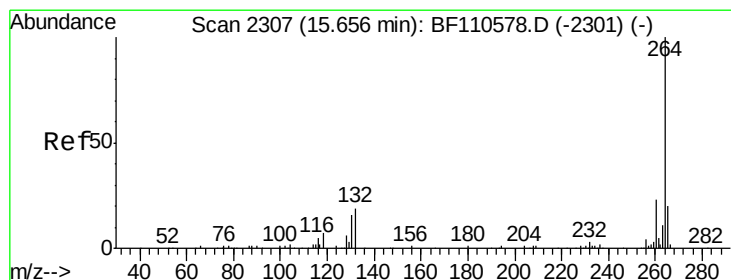
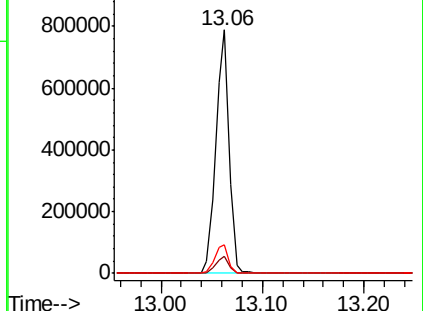
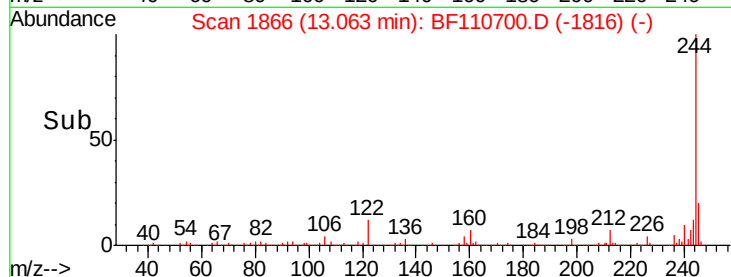
122 11.7 8.7 13.1



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: BF110700.D

Acq: 13 Nov 2018 4:00

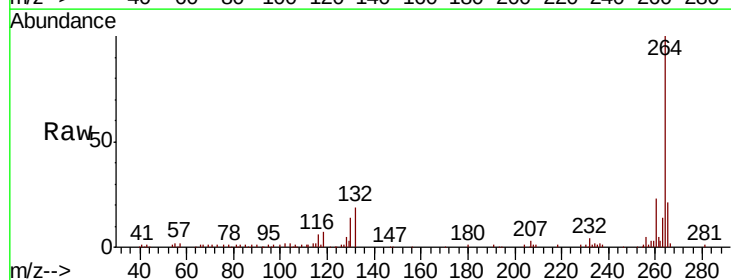
Tgt Ion:264 Resp: 125088

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 21.3 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

