

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111318\
 Data File : BF110748.D
 Acq On : 14 Nov 2018 5:05
 Operator : JU/SJ
 Sample : J5916-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

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

Quant Time: Nov 14 07:14:09 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

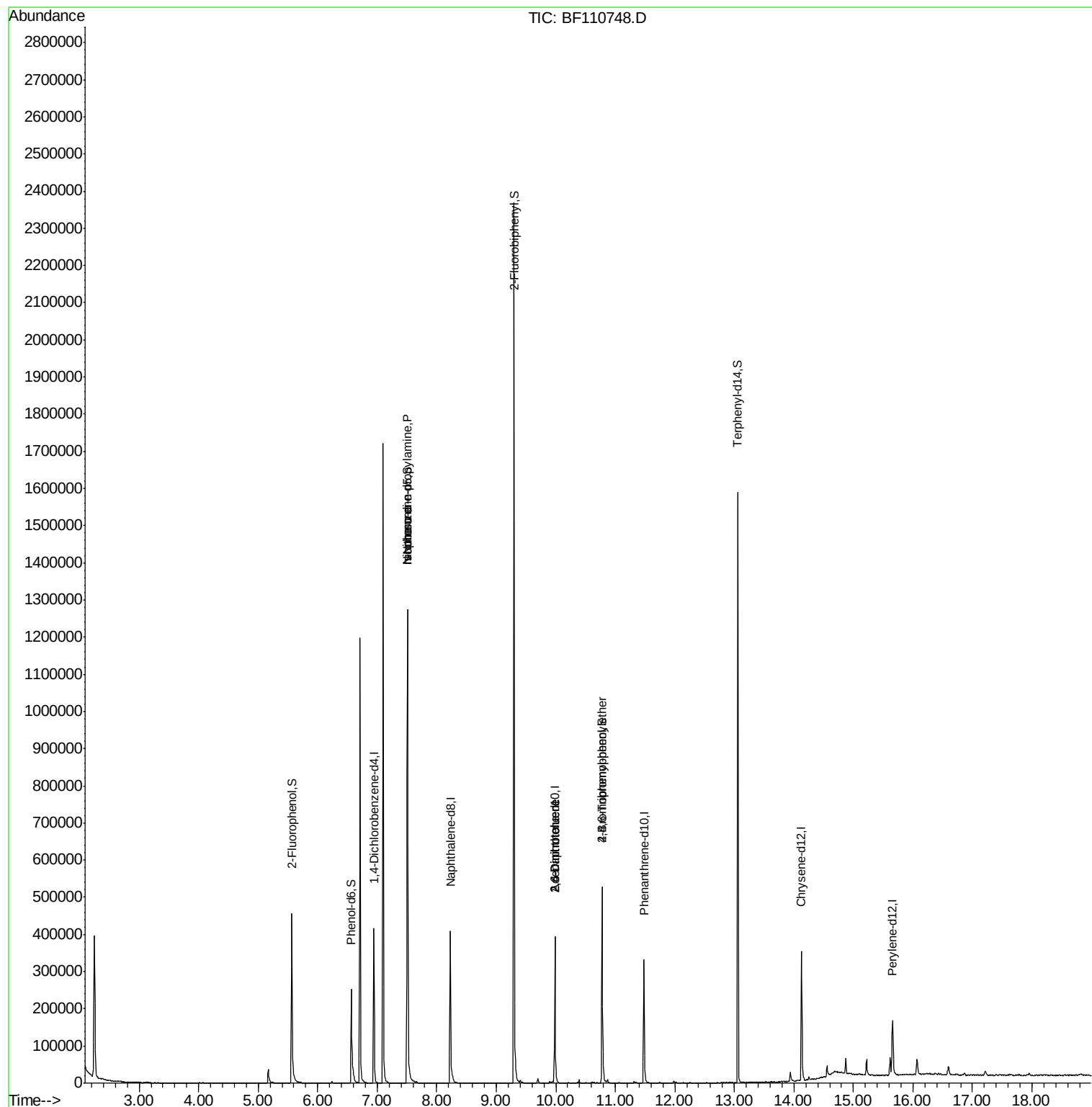
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	62780	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	240045	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	92854	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	150473	20.00	ng	0.00
76) Chrysene-d12	14.13	240	134151	20.00	ng	-0.01
87) Perylene-d12	15.66	264	84098	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	157498	40.75	ng	0.00
7) Phenol-d6	6.56	99	115528	23.37	ng	-0.01
23) Nitrobenzene-d5	7.51	82	432938	103.87	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	72421	77.40	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	730808	112.41	ng	0.00
79) Terphenyl-d14	13.06	244	554403	77.40	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	56421	17.884	ng	# 79
25) Isophorone	7.51	82	432935	63.371	ng	# 67
51) 2,6-Dinitrotoluene	9.99	165	11586	7.602	ng	# 21
57) 2,4-Dinitrotoluene	9.99	165	11586	5.846	ng	# 17
67) 4-Bromophenyl-phenylether	10.77	248	4793	2.882	ng	# 1

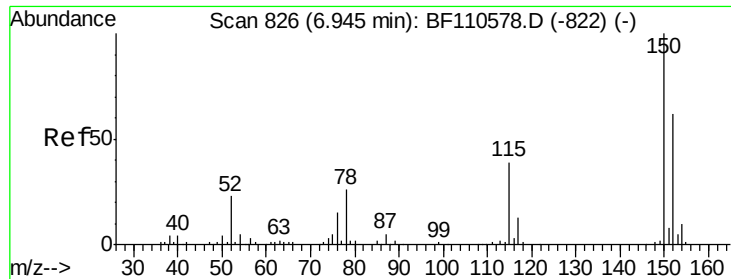
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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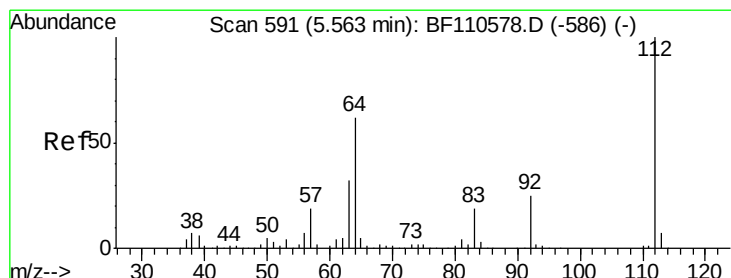
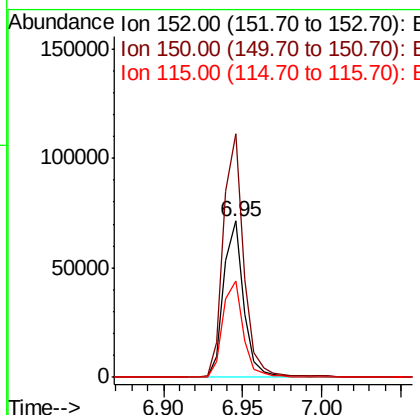
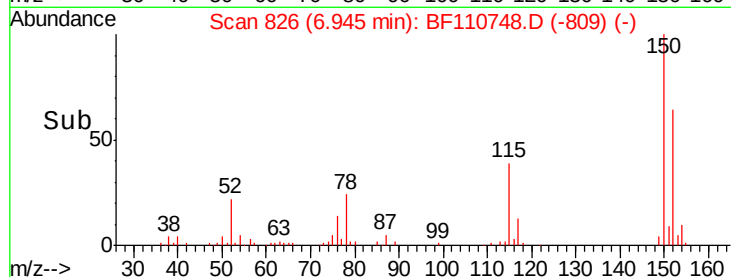
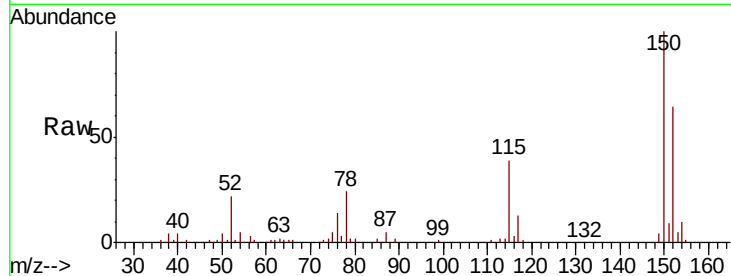




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF110748.D
 Acq: 14 Nov 2018 5:05

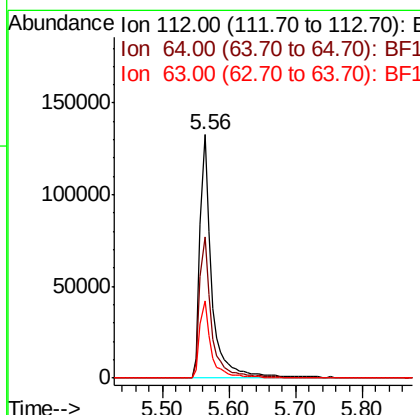
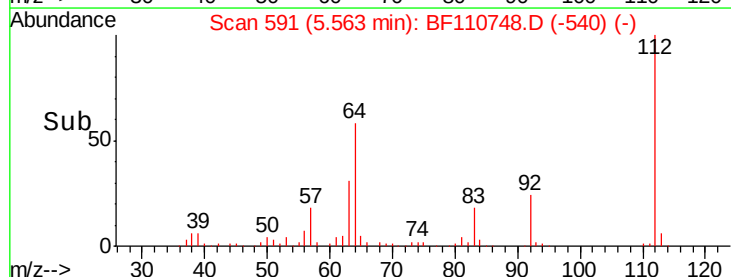
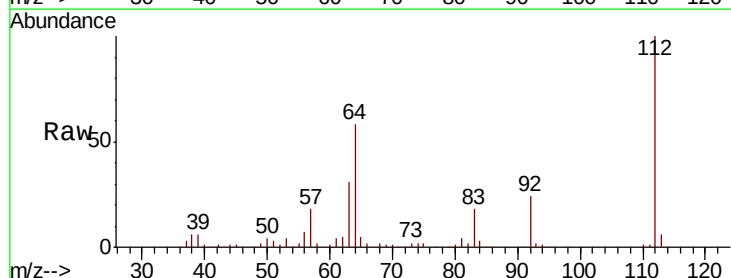
Instrument :
 BNA_F
 ClientSampleId :
 110918-SIDI-F-U-B

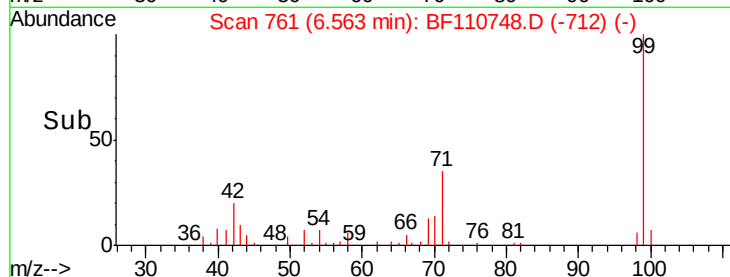
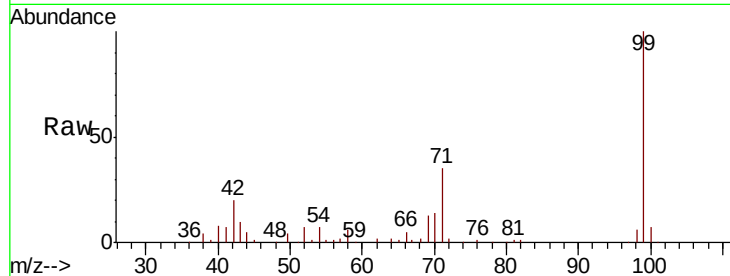
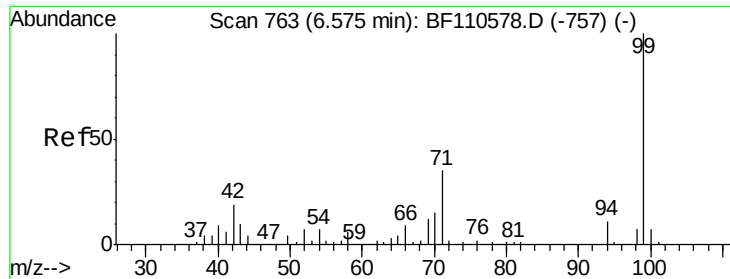
Tgt Ion:152 Resp: 62780
 Ion Ratio Lower Upper
 152 100
 150 155.9 122.7 184.1
 115 61.5 49.1 73.7



#5
 2-Fluorophenol
 Concen: 40.750 ng
 RT: 5.56 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF110748.D
 Acq: 14 Nov 2018 5:05

Tgt Ion:112 Resp: 157498
 Ion Ratio Lower Upper
 112 100
 64 58.1 44.1 66.1
 63 31.5 23.7 35.5





#7

Phenol-d6

Concen: 23.375 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110748.D

Acq: 14 Nov 2018 5:05

Instrument :

BNA_F

ClientSampleId :

110918-SIDI-F-U-B

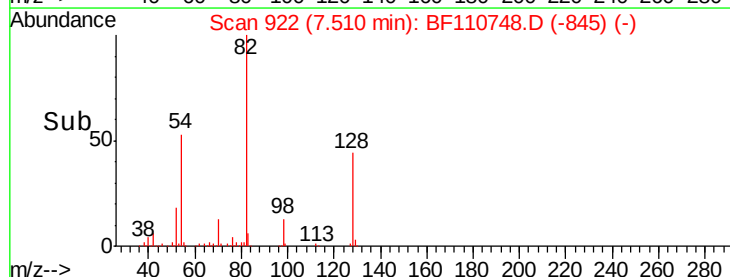
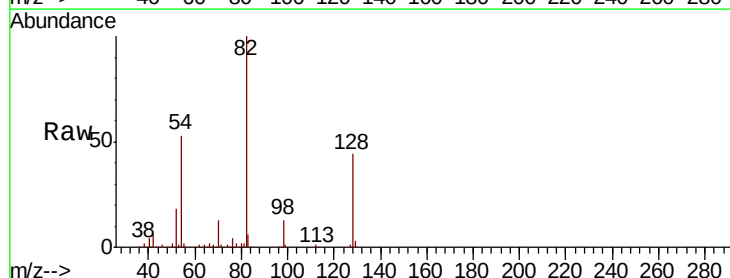
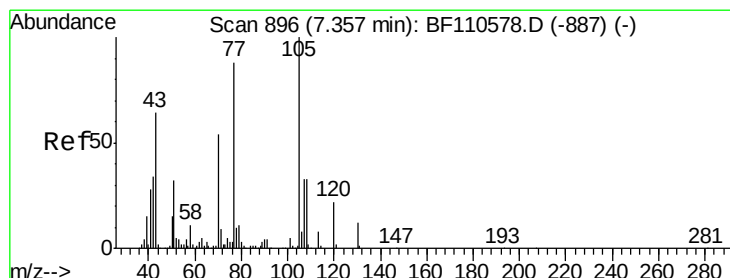
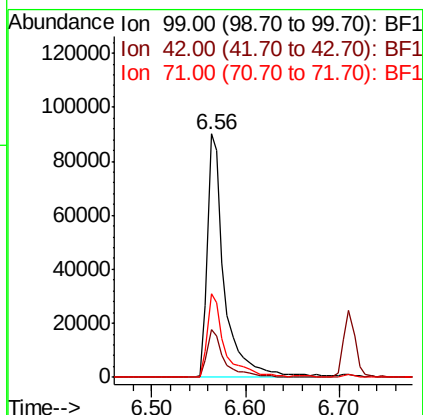
Tgt Ion: 99 Resp: 115528

Ion Ratio Lower Upper

99 100

42 19.6 15.8 23.6

71 34.5 28.0 42.0



#19

n-Nitroso-di-n-propylamine

Concen: 17.884 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.15 min

Lab File: BF110748.D

Acq: 14 Nov 2018 5:05

Tgt Ion: 70 Resp: 56421

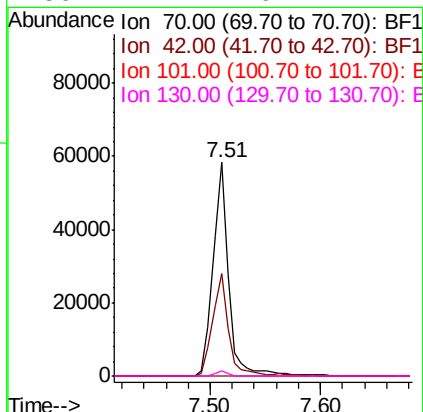
Ion Ratio Lower Upper

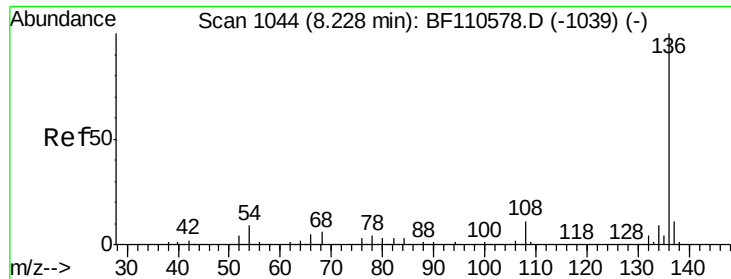
70 100

42 48.1 47.4 71.2

101 0.0 7.3 10.9#

130 2.4 16.2 24.2#

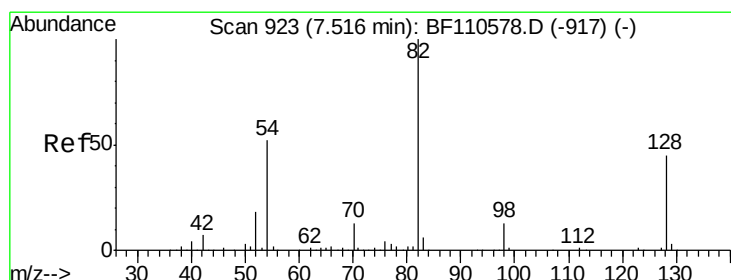
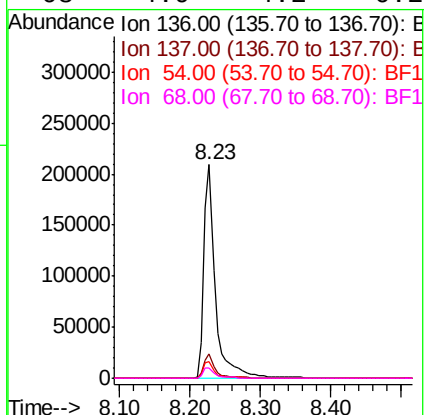
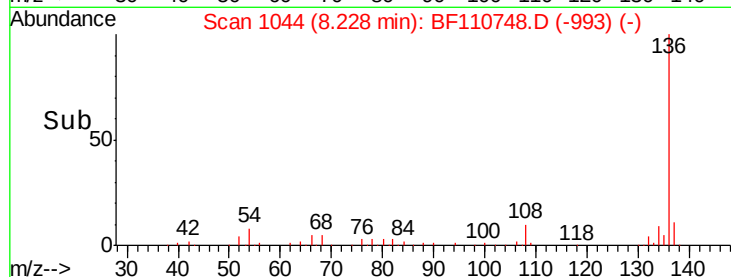
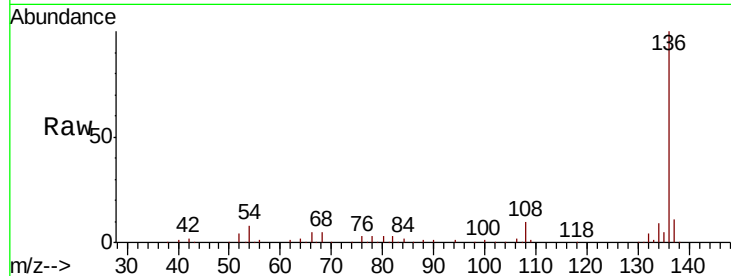




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110748.D
Acq: 14 Nov 2018 5:05

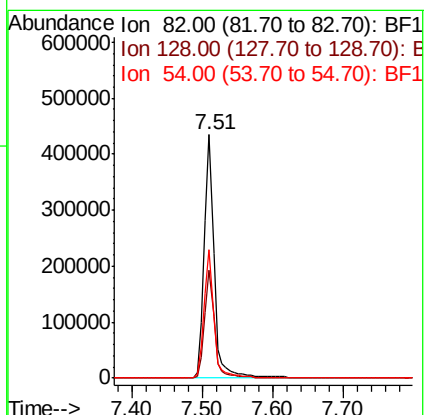
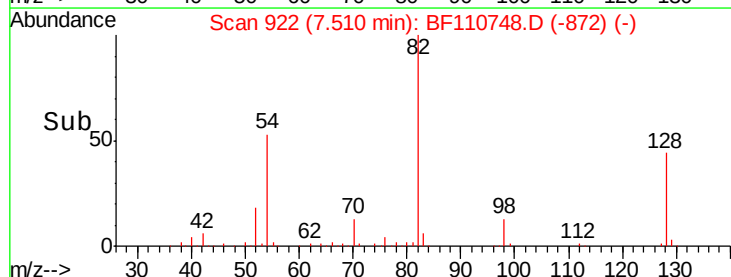
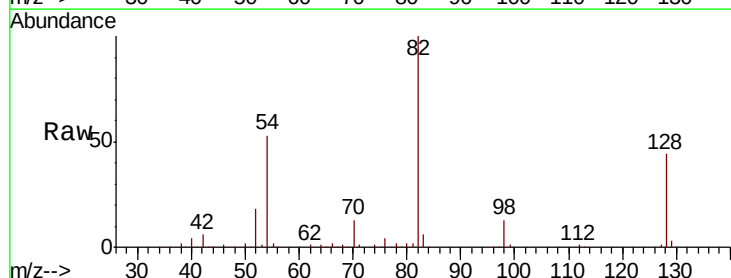
Instrument :
BNA_F
ClientSampleId :
110918-SIDI-F-U-B

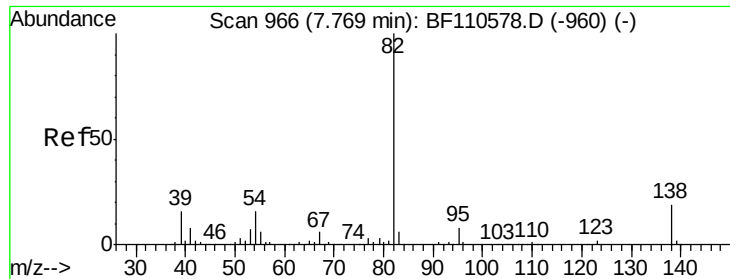
Tgt Ion:	136	Resp:	240045
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.0	5.4	8.2
68	4.9	4.2	6.2



#23
Nitrobenzene-d5
Concen: 103.867 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110748.D
Acq: 14 Nov 2018 5:05

Tgt Ion:	82	Resp:	432938
Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.2	51.2
54	52.6	38.6	58.0





#25

Isophorone

Concen: 63.371 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.26 min

Lab File: BF110748.D

Acq: 14 Nov 2018 5:05

Instrument :

BNA_F

ClientSampleId :

110918-SIDI-F-U-B

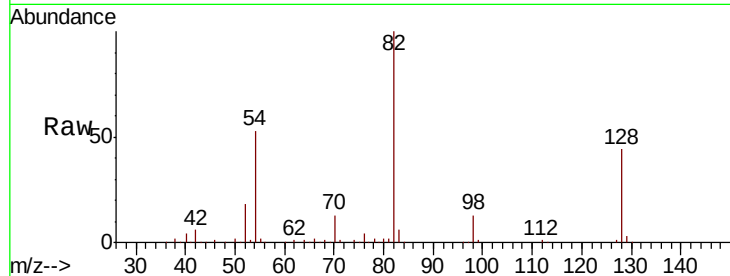
Tgt Ion: 82 Resp: 432935

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

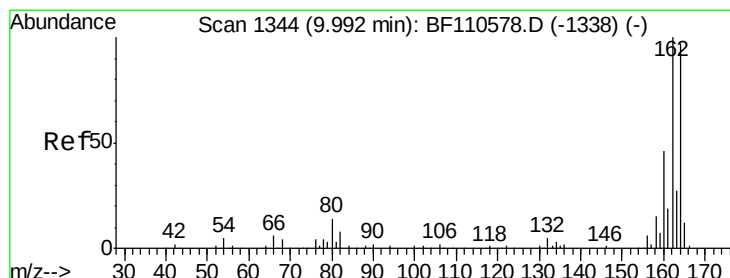
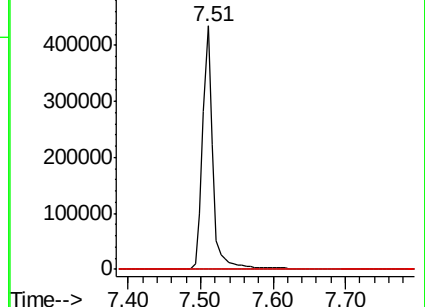
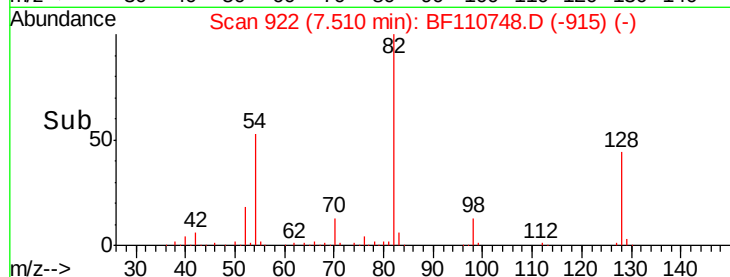
138 0.0 13.2 19.8#



Abundance Ion 82.00 (81.70 to 82.70): BF110578.D (-960) (-)

Ion 95.00 (94.70 to 95.70): BF110578.D (-960) (-)

Ion 138.00 (137.70 to 138.70): BF110578.D (-960) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF110748.D

Acq: 14 Nov 2018 5:05

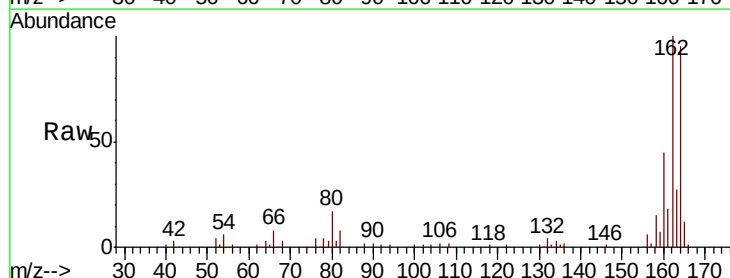
Tgt Ion: 164 Resp: 92854

Ion Ratio Lower Upper

164 100

162 104.9 83.0 124.6

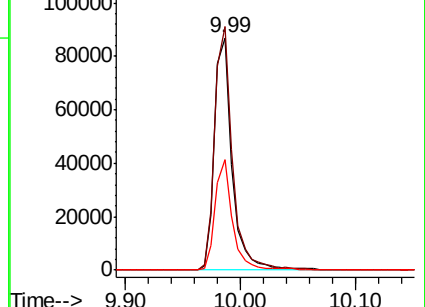
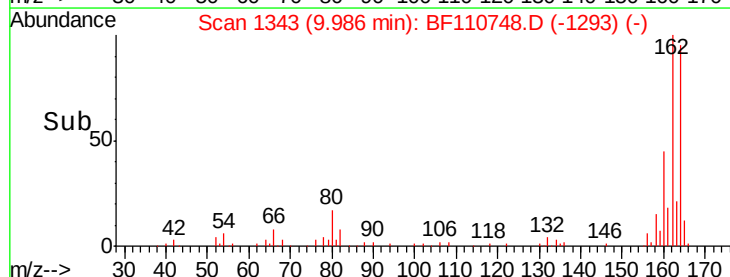
160 47.3 37.0 55.6

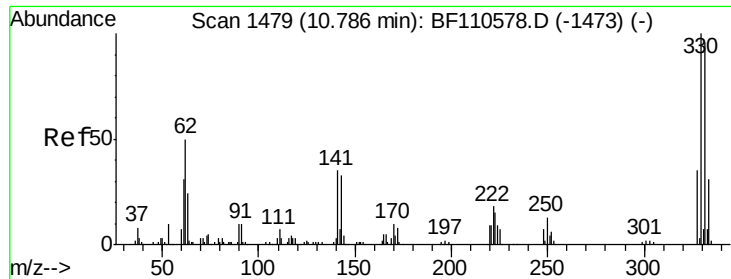


Abundance Ion 164.00 (163.70 to 164.70): BF110578.D (-1338) (-)

Ion 162.00 (161.70 to 162.70): BF110578.D (-1338) (-)

Ion 160.00 (159.70 to 160.70): BF110578.D (-1338) (-)

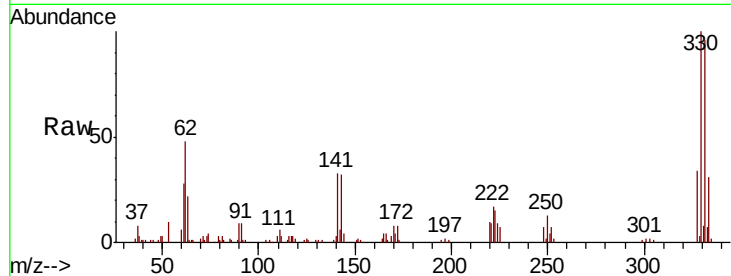




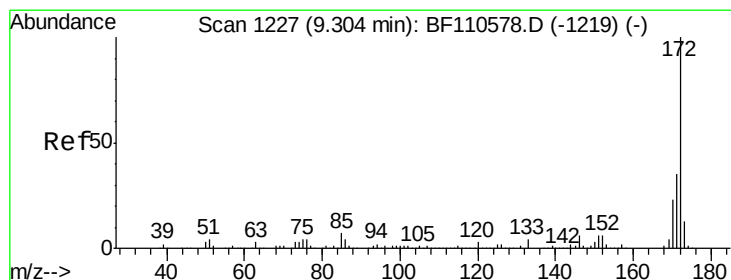
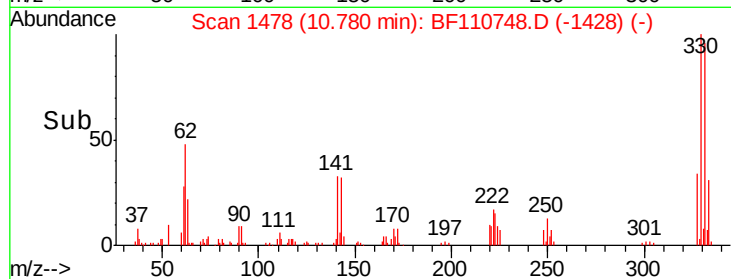
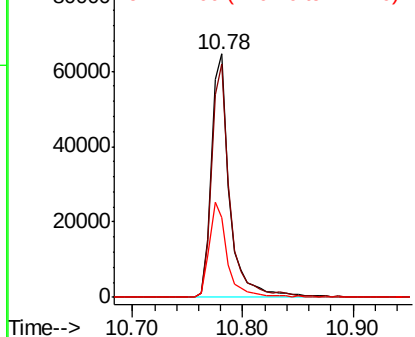
#42
 2,4,6-Tribromophenol
 Concen: 77.404 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110748.D
 Acq: 14 Nov 2018 5:05

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

Tgt Ion: 330 Resp: 72421
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.1 115.7
 141 38.4 27.0 40.4

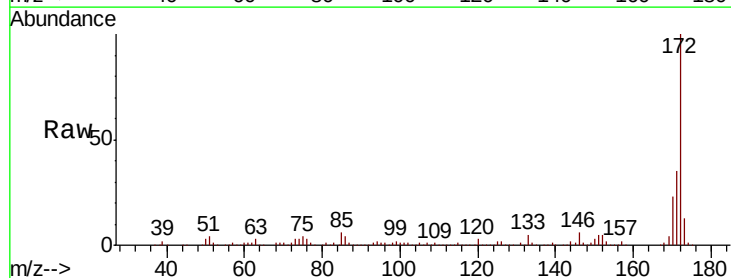


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

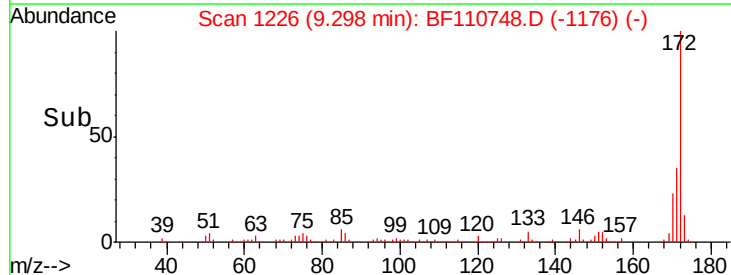
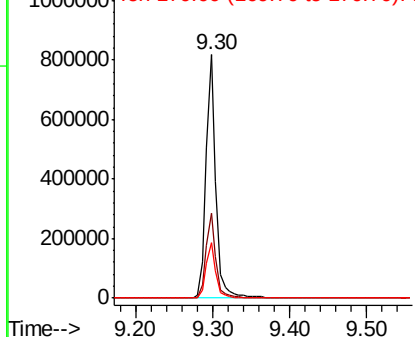


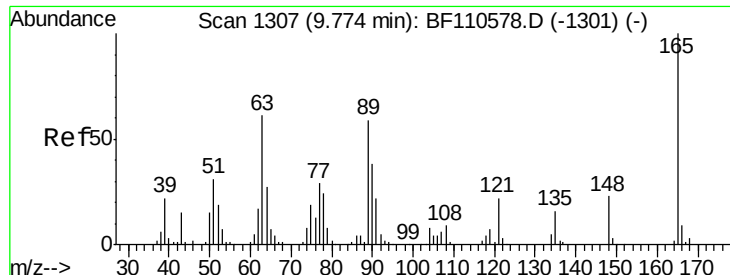
#45
 2-Fluorobiphenyl
 Concen: 112.405 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110748.D
 Acq: 14 Nov 2018 5:05

Tgt Ion: 172 Resp: 730808
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.6 43.0
 170 23.0 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

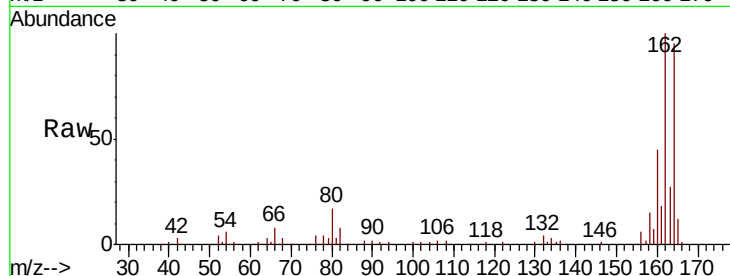




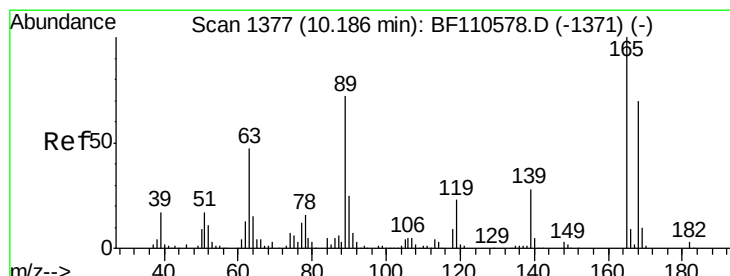
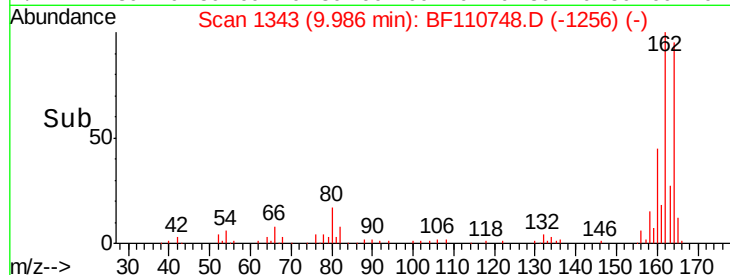
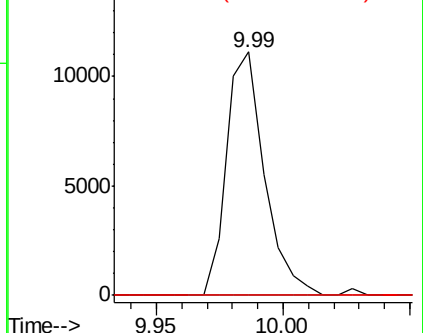
#51
 2,6-Dinitrotoluene
 Concen: 7.602 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.21 min
 Lab File: BF110748.D
 Acq: 14 Nov 2018 5:05

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

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



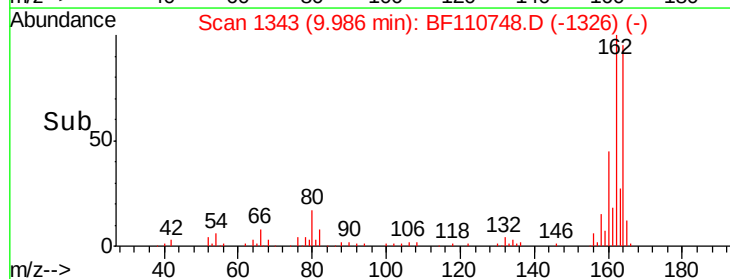
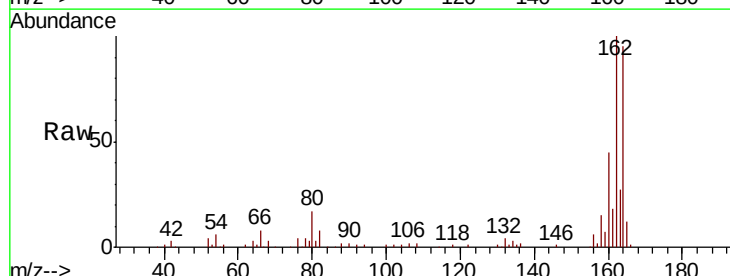
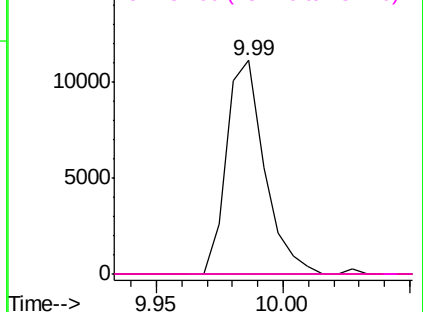
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

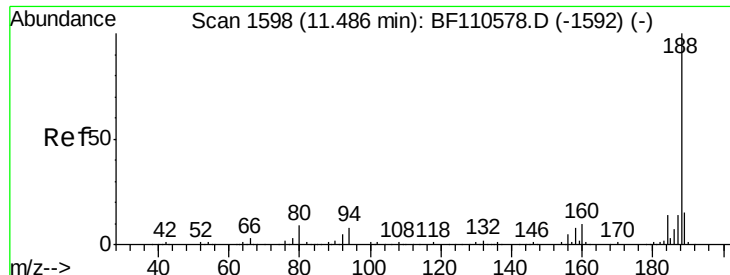


#57
 2,4-Dinitrotoluene
 Concen: 5.846 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.20 min
 Lab File: BF110748.D
 Acq: 14 Nov 2018 5:05

Tgt 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

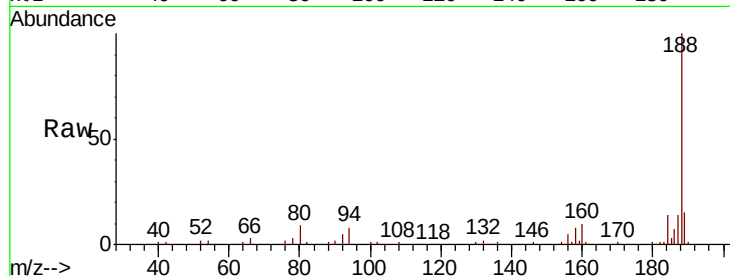




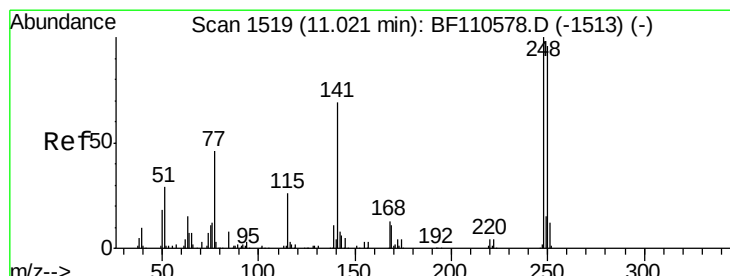
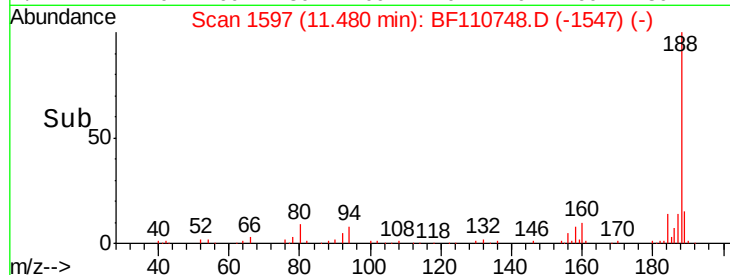
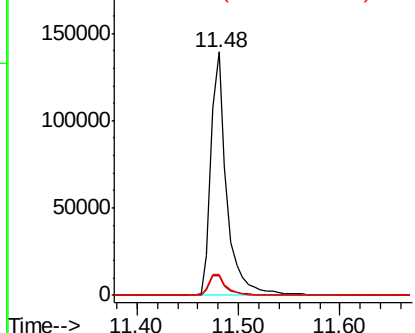
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110748.D
 Acq: 14 Nov 2018 5:05

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

Tgt Ion:188 Resp: 150473
 Ion Ratio Lower Upper
 188 100
 94 7.9 7.2 10.8
 80 8.8 7.9 11.9

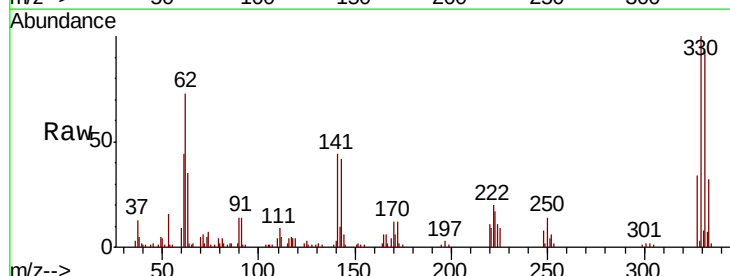


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

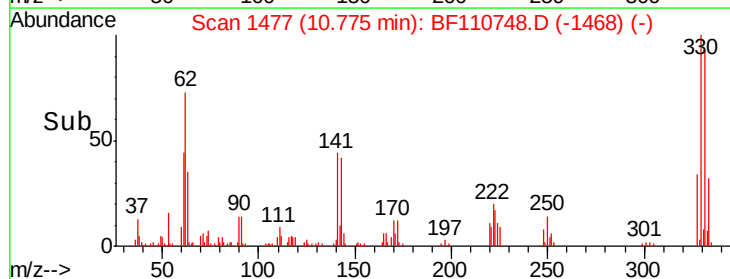
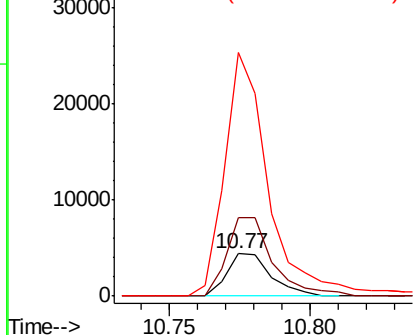


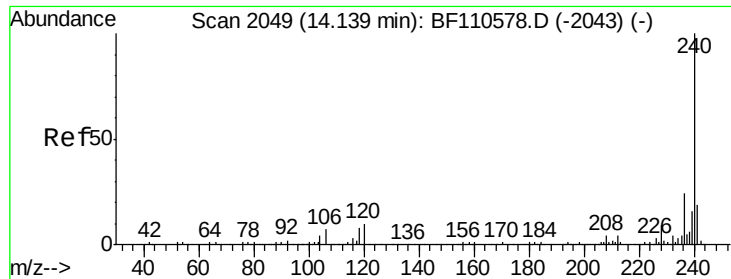
#67
 4-Bromophenyl-phenylether
 Concen: 2.882 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. -0.25 min
 Lab File: BF110748.D
 Acq: 14 Nov 2018 5:05

Tgt Ion:248 Resp: 4793
 Ion Ratio Lower Upper
 248 100
 250 185.0 79.4 119.2#
 141 575.2 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

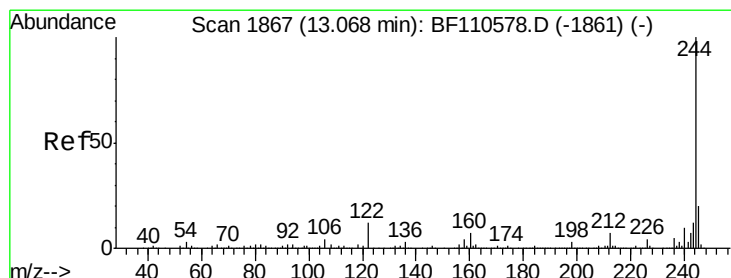
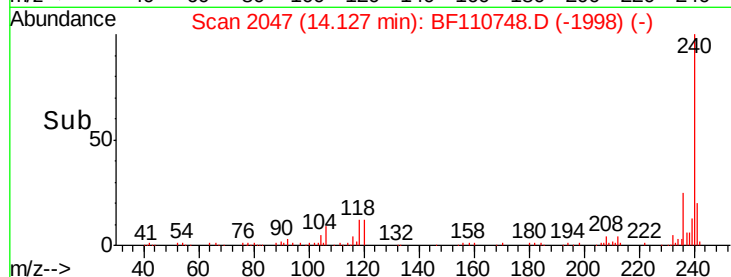
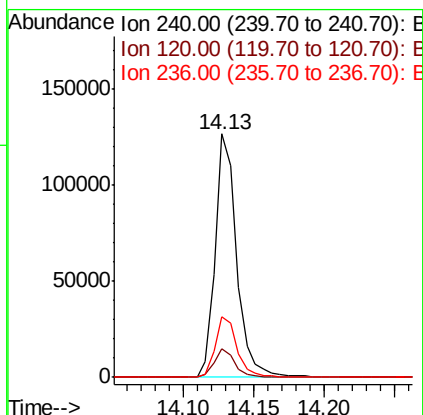
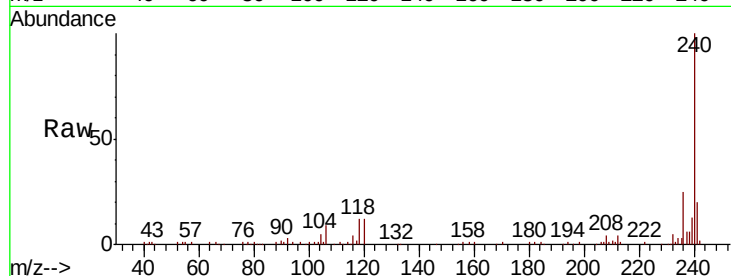




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110748.D
Acq: 14 Nov 2018 5:05

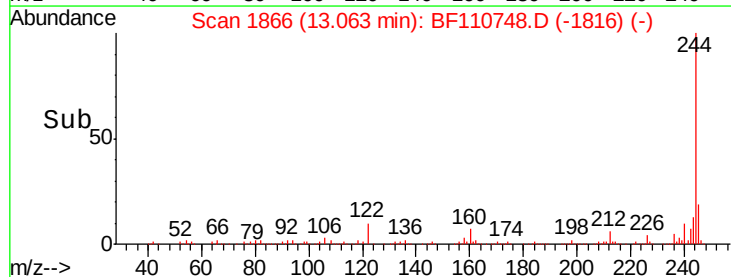
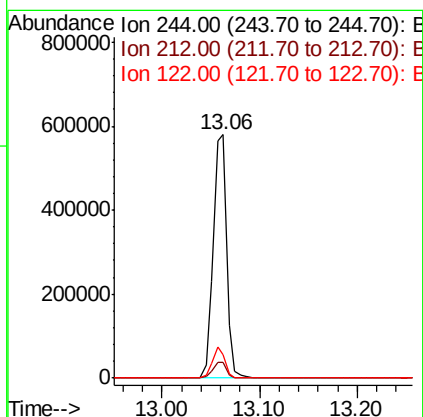
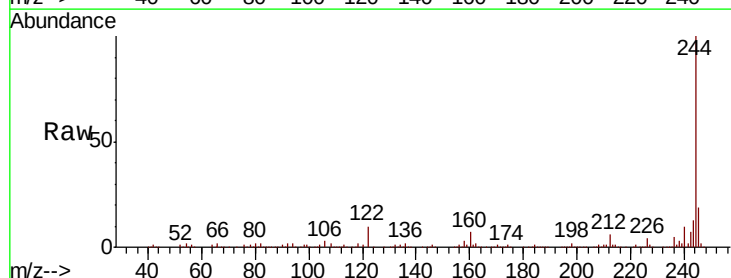
Instrument :
BNA_F
ClientSampleId :
110918-SIDI-F-U-B

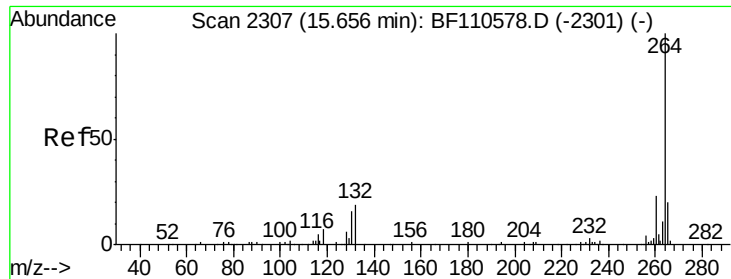
Tgt Ion:240 Resp: 134151
Ion Ratio Lower Upper
240 100
120 11.6 8.3 12.5
236 24.7 21.2 31.8



#79
Terphenyl-d14
Concen: 77.395 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110748.D
Acq: 14 Nov 2018 5:05

Tgt Ion:244 Resp: 554403
Ion Ratio Lower Upper
244 100
212 6.3 5.8 8.8
122 9.8 8.7 13.1

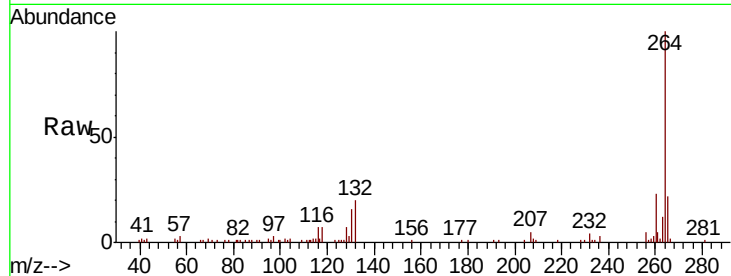




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110748.D
Acq: 14 Nov 2018 5:05

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.7	28.1
265	21.6	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

