

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111318\
 Data File : BF110749.D
 Acq On : 14 Nov 2018 5:33
 Operator : JU/SJ
 Sample : J5916-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

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

Quant Time: Nov 14 07:14:17 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

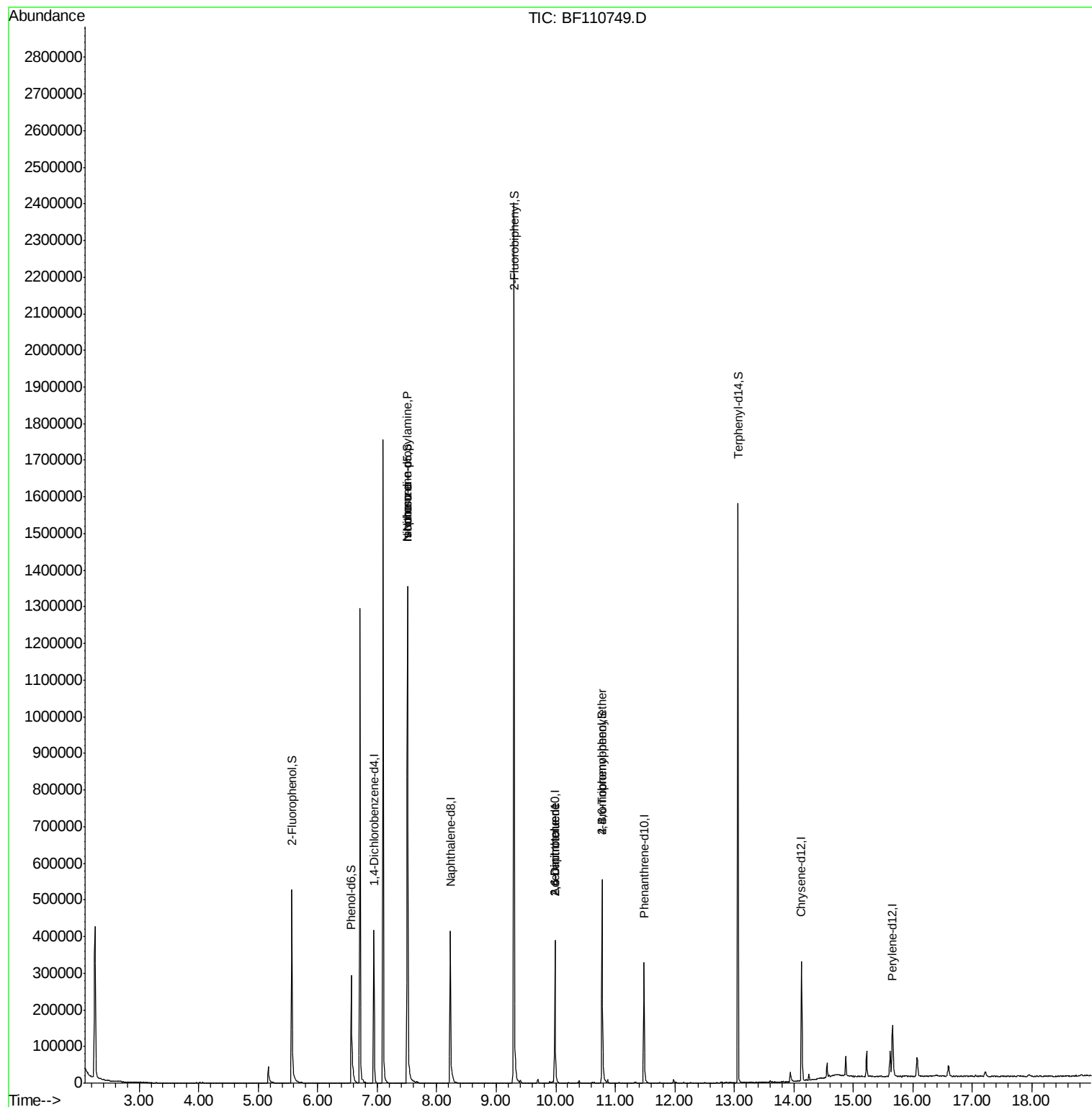
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	63461	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	242426	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	91504	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	144912	20.00	ng	0.00
76) Chrysene-d12	14.13	240	130296	20.00	ng	-0.01
87) Perylene-d12	15.66	264	80682	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	177701	45.48	ng	0.00
7) Phenol-d6	6.56	99	129699	25.96	ng	-0.01
23) Nitrobenzene-d5	7.51	82	451341	107.22	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	75869	82.29	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	742322	115.86	ng	0.00
79) Terphenyl-d14	13.06	244	554114	79.64	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	59000	18.500	ng	Qvalue # 80
25) Isophorone	7.51	82	451338	65.416	ng	# 67
51) 2,6-Dinitrotoluene	9.99	165	11175	7.440	ng	# 21
57) 2,4-Dinitrotoluene	9.99	165	11175	5.722	ng	# 17
67) 4-Bromophenyl-phenylether	10.78	248	4787	2.989	ng	# 1

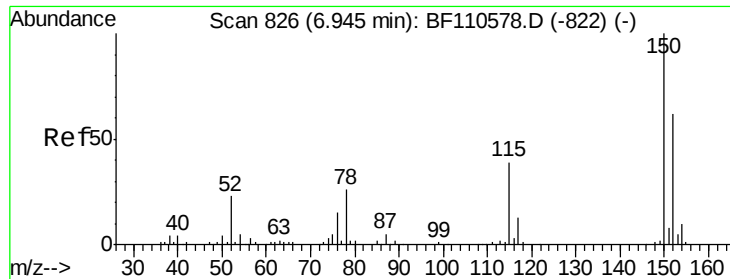
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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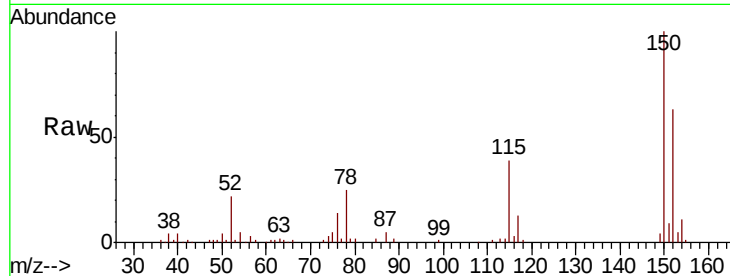




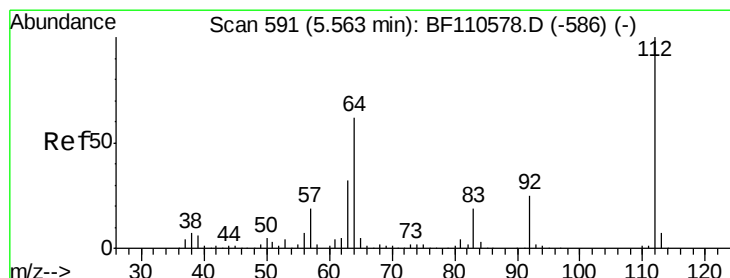
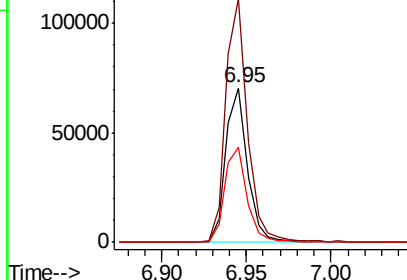
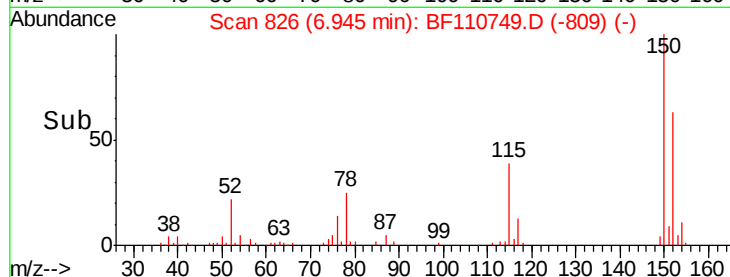
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF110749.D
 Acq: 14 Nov 2018 5:33

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

Tgt Ion:152 Resp: 63461
 Ion Ratio Lower Upper
 152 100
 150 157.6 122.7 184.1
 115 61.4 49.1 73.7

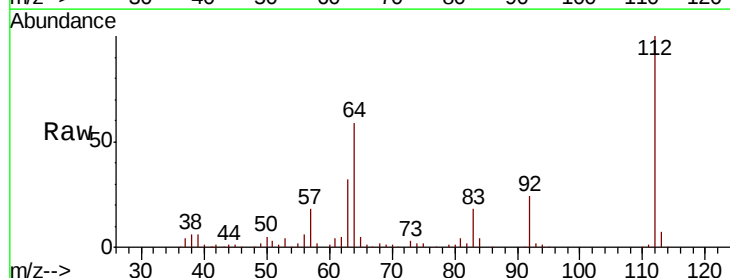


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

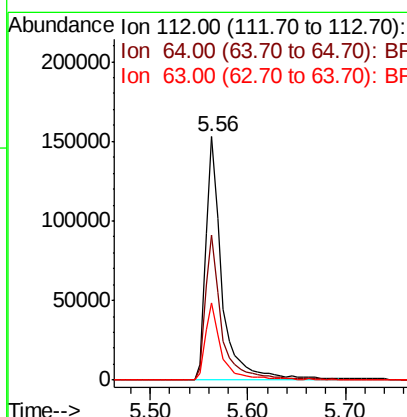
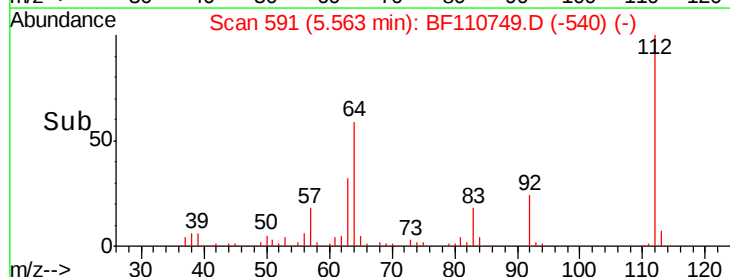


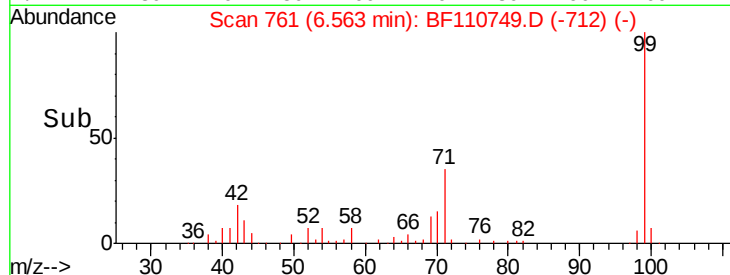
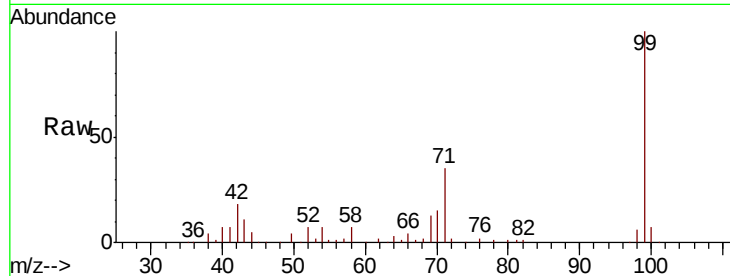
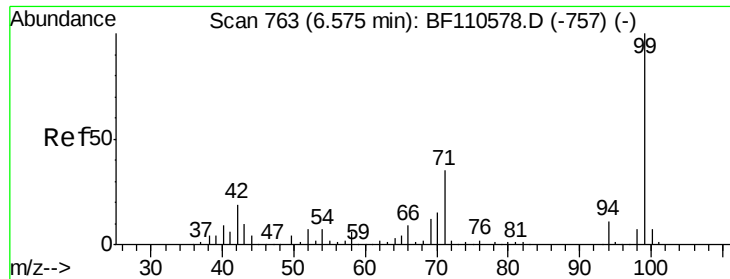
#5
 2-Fluorophenol
 Concen: 45.483 ng
 RT: 5.56 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF110749.D
 Acq: 14 Nov 2018 5:33

Tgt Ion:112 Resp: 177701
 Ion Ratio Lower Upper
 112 100
 64 59.4 44.1 66.1
 63 31.8 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: 25.960 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110749.D

Acq: 14 Nov 2018 5:33

Instrument :

BNA_F

ClientSampleId :

110918-SIDI-F-U-M

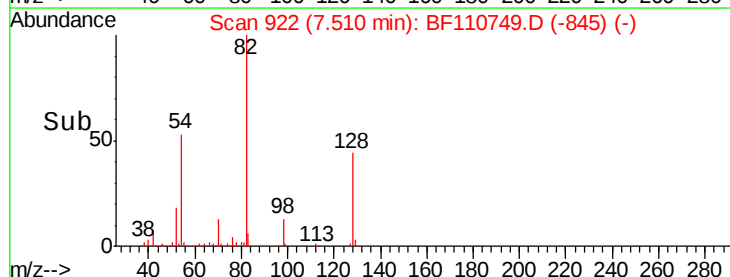
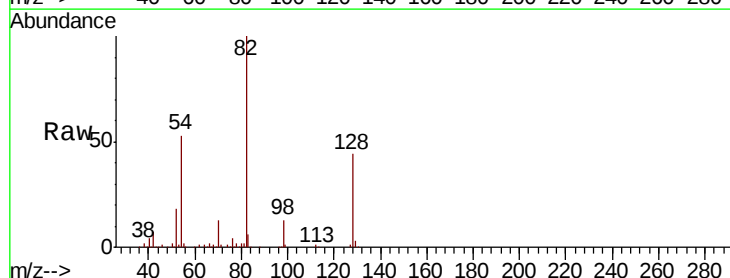
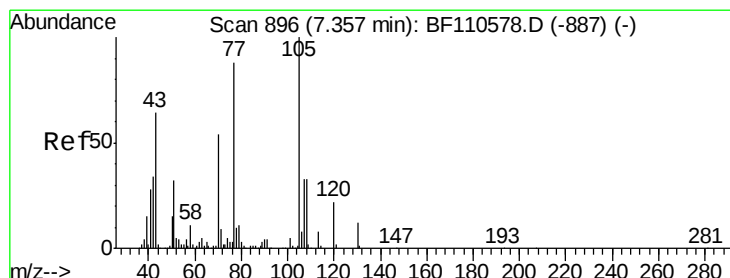
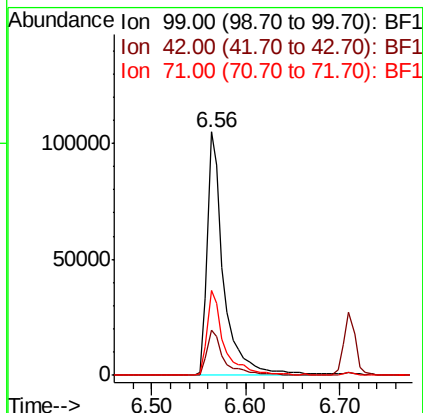
Tgt Ion: 99 Resp: 129699

Ion Ratio Lower Upper

99 100

42 18.5 15.8 23.6

71 34.9 28.0 42.0



#19

n-Nitroso-di-n-propylamine

Concen: 18.500 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.15 min

Lab File: BF110749.D

Acq: 14 Nov 2018 5:33

Tgt Ion: 70 Resp: 59000

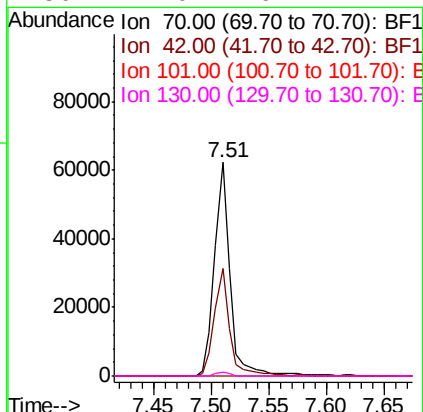
Ion Ratio Lower Upper

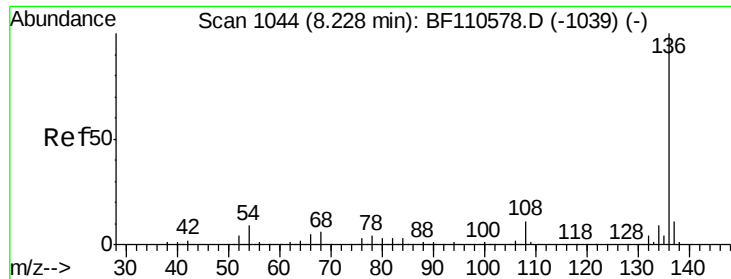
70 100

42 50.4 47.4 71.2

101 0.0 7.3 10.9#

130 2.0 16.2 24.2#

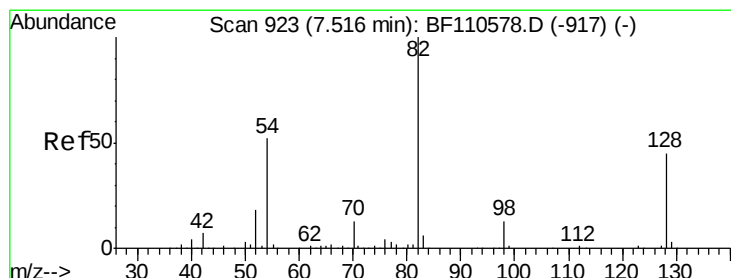
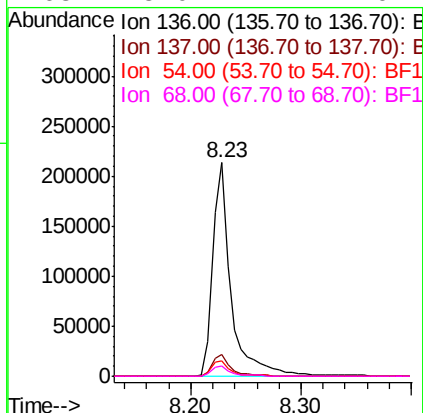
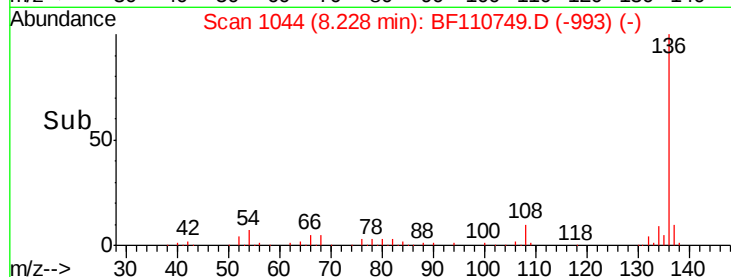
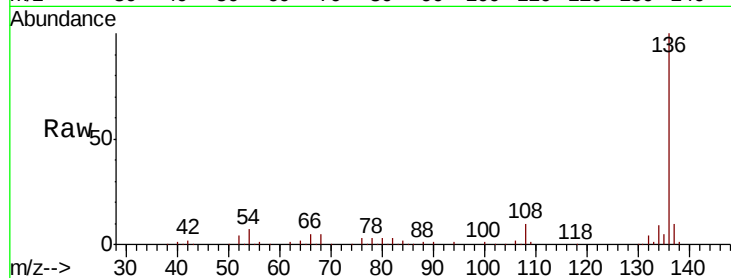




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110749.D
Acq: 14 Nov 2018 5:33

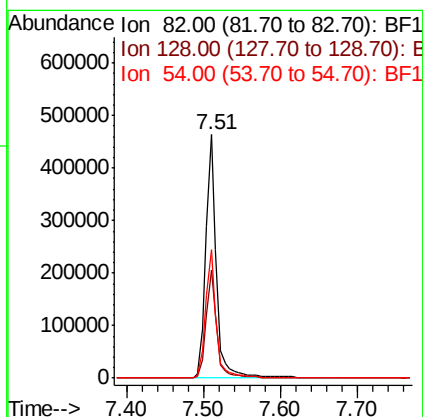
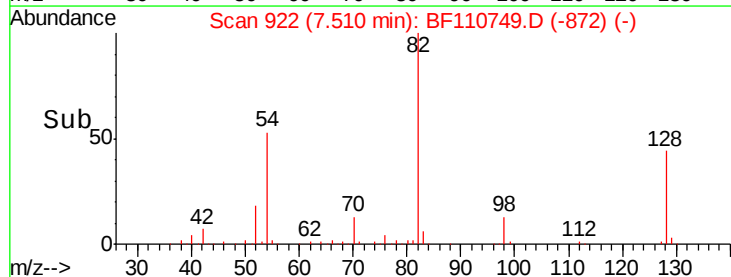
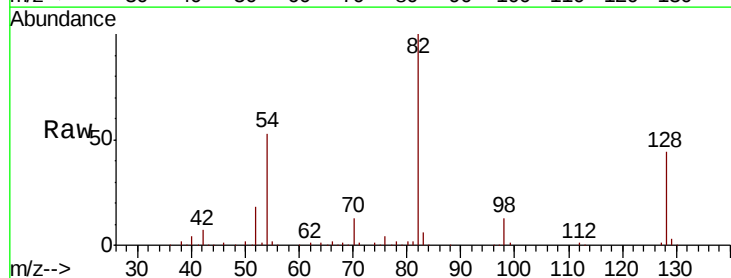
Instrument :
BNA_F
ClientSampleId :
110918-SIDI-F-U-M

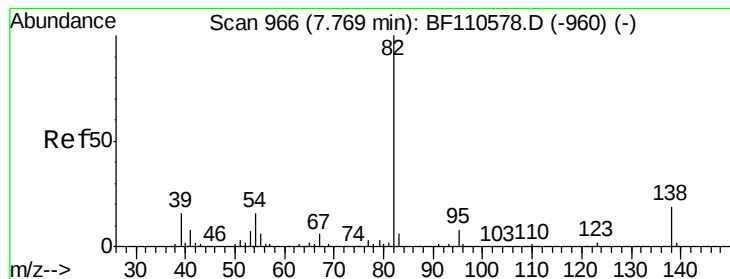
Tgt Ion:	136	Resp:	242426
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.8	13.2
54	7.5	5.4	8.2
68	5.0	4.2	6.2



#23
Nitrobenzene-d5
Concen: 107.218 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110749.D
Acq: 14 Nov 2018 5:33

Tgt Ion:	82	Resp:	451341
Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.2	51.2
54	52.6	38.6	58.0





#25

Isophorone

Concen: 65.416 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.26 min

Lab File: BF110749.D

Acq: 14 Nov 2018 5:33

Instrument :

BNA_F

ClientSampleId :

110918-SIDI-F-U-M

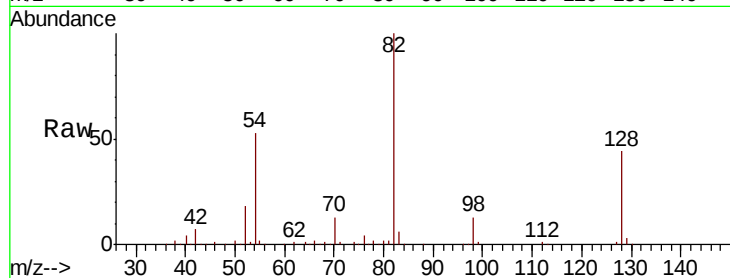
Tgt Ion: 82 Resp: 451338

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

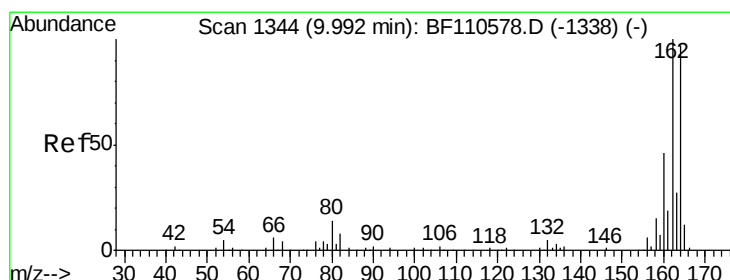
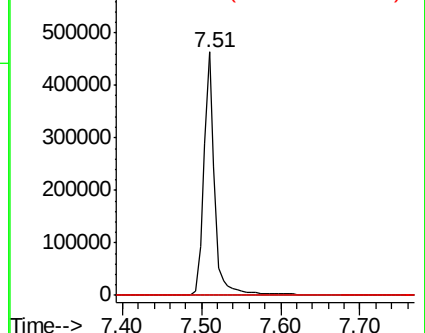
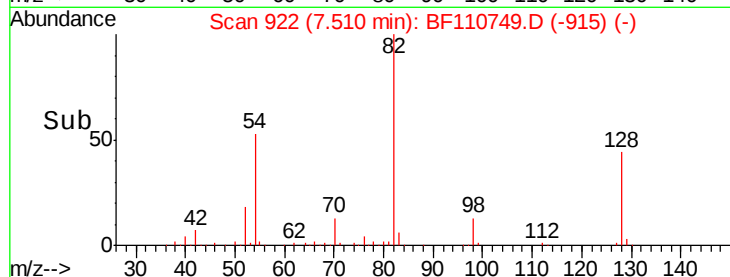
138 0.0 13.2 19.8#



Abundance Ion 82.00 (81.70 to 82.70): BF110749.D (-915) (-)

Ion 95.00 (94.70 to 95.70): BF110749.D (-915) (-)

Ion 138.00 (137.70 to 138.70): BF110749.D (-915) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF110749.D

Acq: 14 Nov 2018 5:33

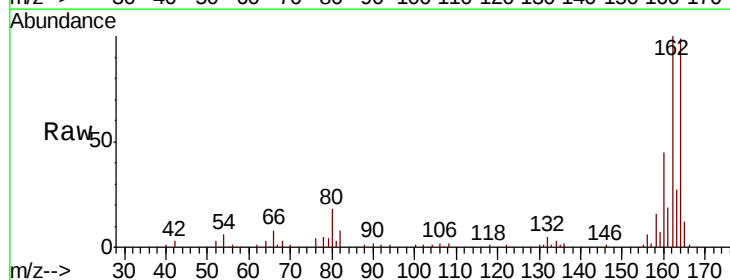
Tgt Ion: 164 Resp: 91504

Ion Ratio Lower Upper

164 100

162 101.0 83.0 124.6

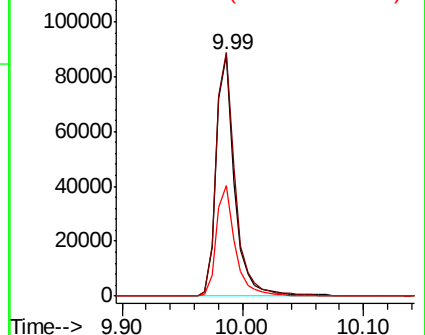
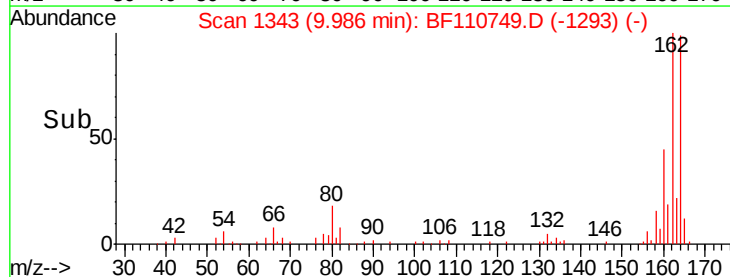
160 45.8 37.0 55.6

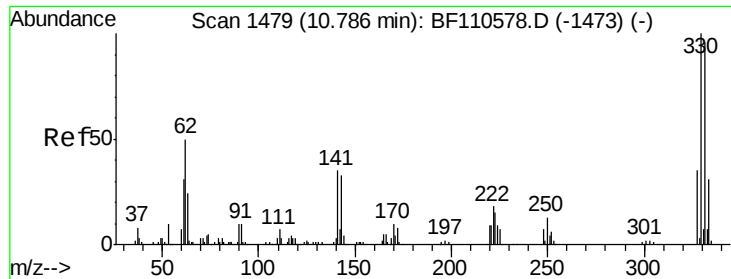


Abundance Ion 164.00 (163.70 to 164.70): BF110749.D (-1293) (-)

Ion 162.00 (161.70 to 162.70): BF110749.D (-1293) (-)

Ion 160.00 (159.70 to 160.70): BF110749.D (-1293) (-)

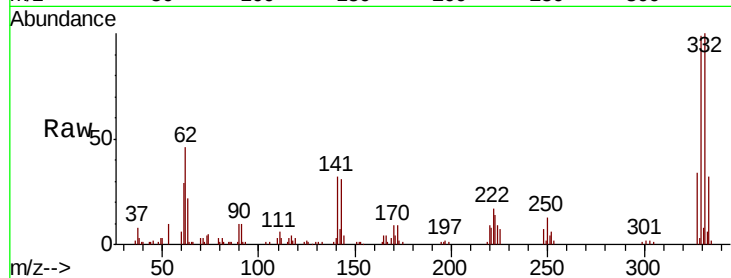




#42
 2,4,6-Tribromophenol
 Concen: 82.286 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110749.D
 Acq: 14 Nov 2018 5:33

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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.1	115.7
141	38.1	27.0	40.4

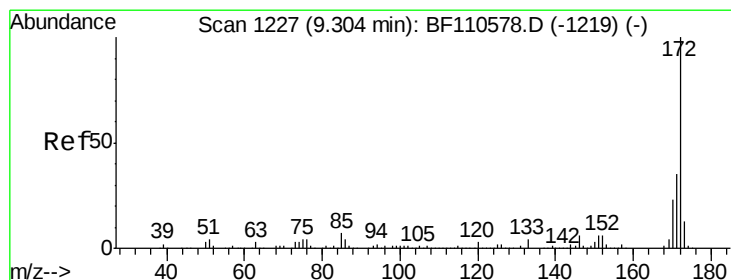
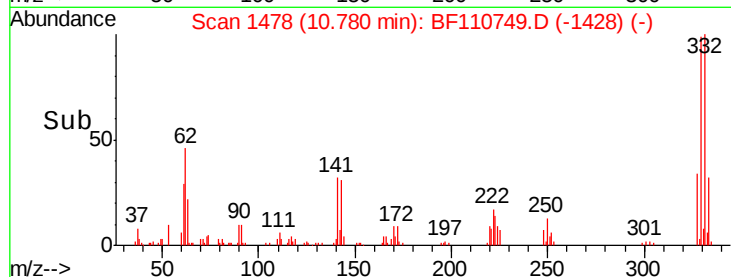
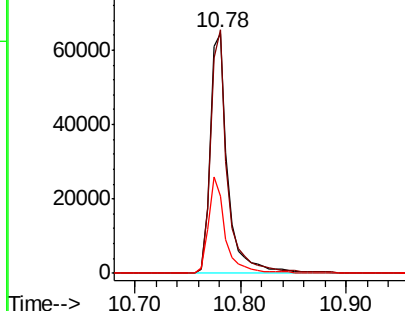


Abundance

Ion 329.80 (329.50 to 330.50): E

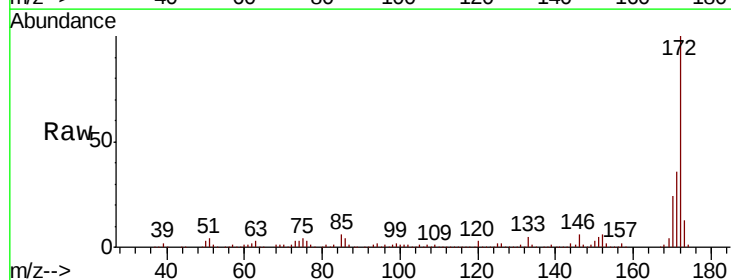
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 115.861 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110749.D
 Acq: 14 Nov 2018 5:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	23.7	19.7	29.5

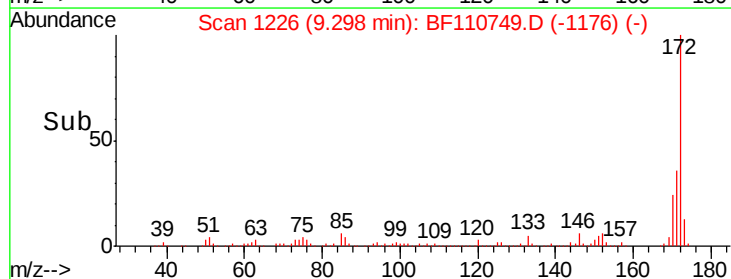
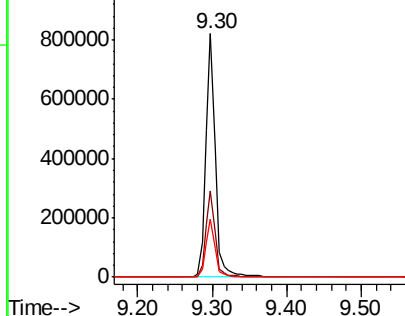


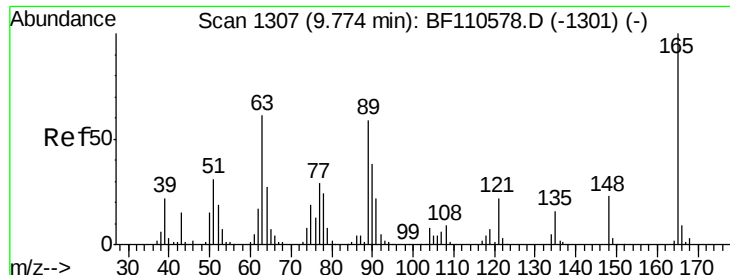
Abundance

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

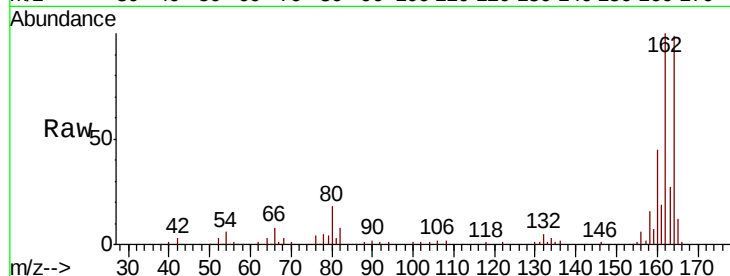




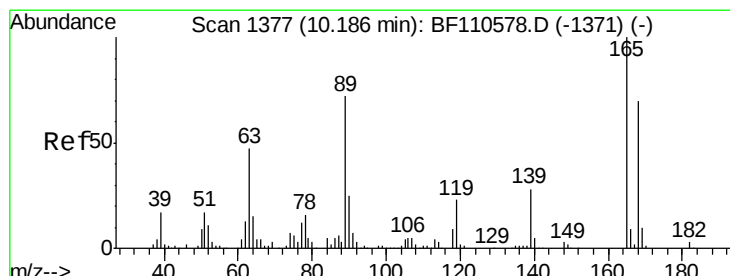
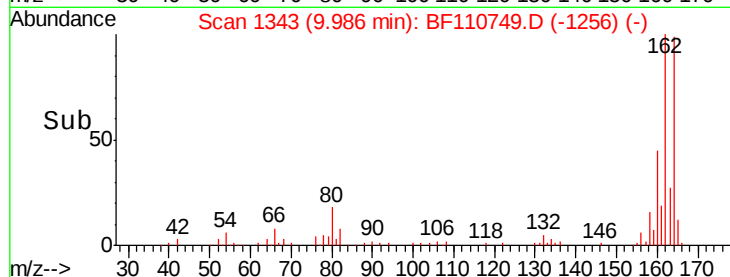
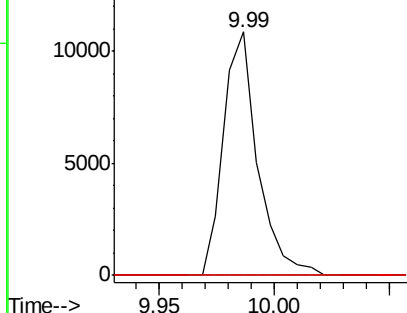
#51
 2,6-Dinitrotoluene
 Concen: 7.440 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.21 min
 Lab File: BF110749.D
 Acq: 14 Nov 2018 5:33

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Tgt Ion:	165	Resp:	11175
Ion Ratio	Lower	Upper	
165	100		
63	0.0	48.9	73.3#
89	0.0	46.6	69.8#

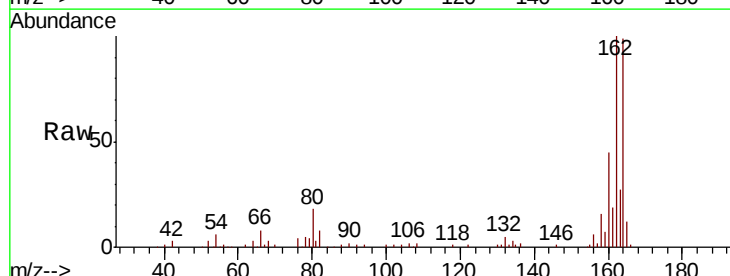


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

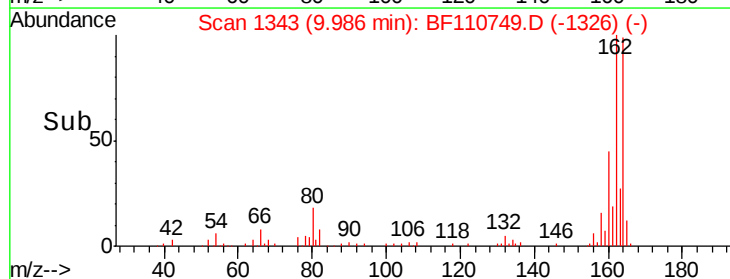
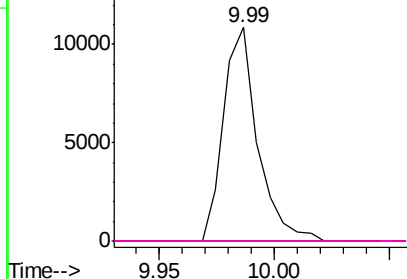


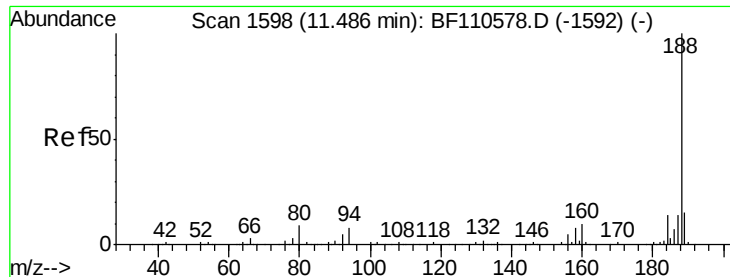
#57
 2,4-Dinitrotoluene
 Concen: 5.722 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.20 min
 Lab File: BF110749.D
 Acq: 14 Nov 2018 5:33

Tgt Ion:	165	Resp:	11175
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

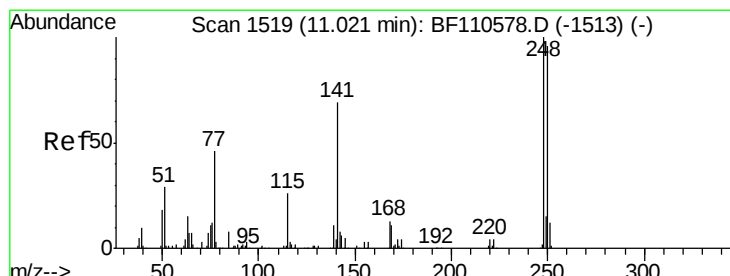
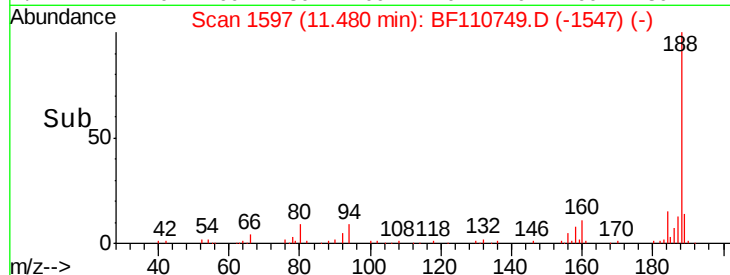
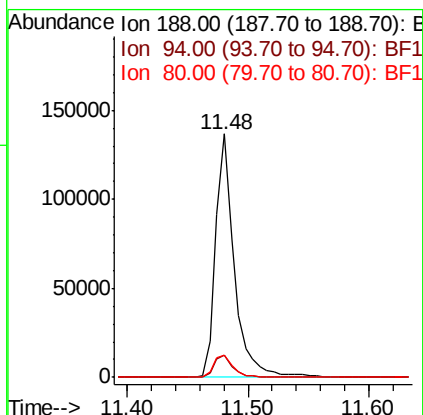
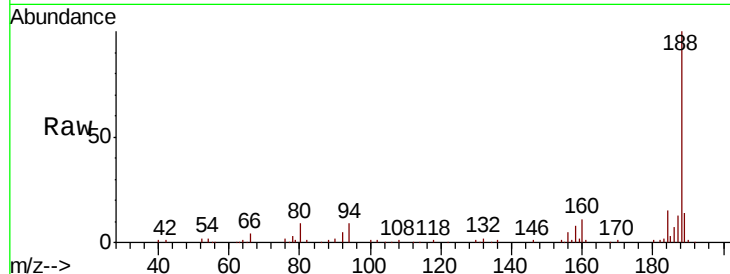




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110749.D
 Acq: 14 Nov 2018 5:33

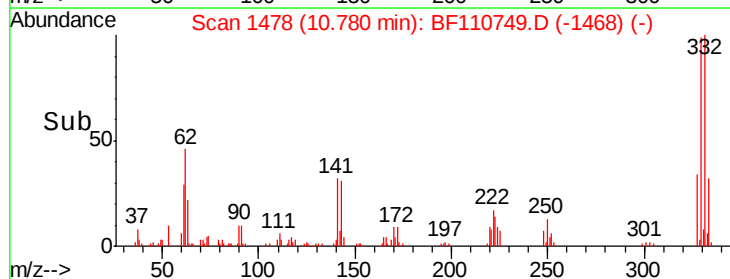
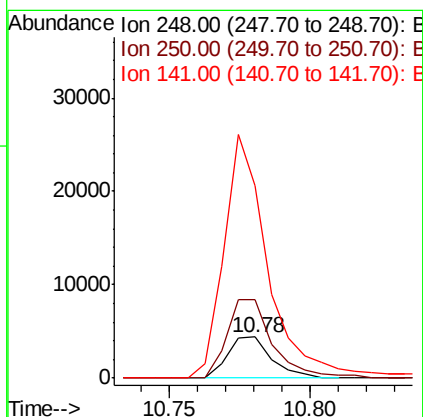
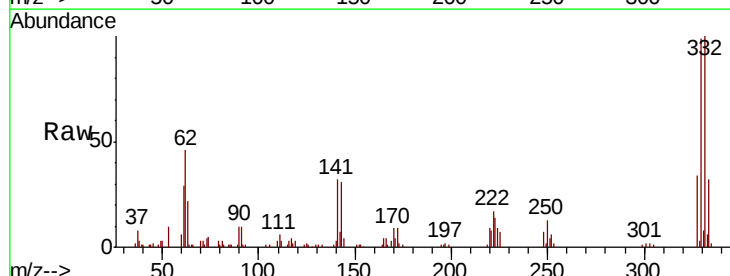
Instrument :
 BNA_F
 ClientSampleId :
 110918-SIDI-F-U-M

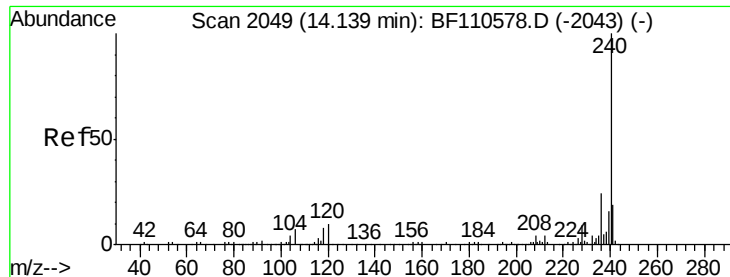
Tgt Ion:188 Resp: 144912
 Ion Ratio Lower Upper
 188 100
 94 8.9 7.2 10.8
 80 9.3 7.9 11.9



#67
 4-Bromophenyl-phenylether
 Concen: 2.989 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.24 min
 Lab File: BF110749.D
 Acq: 14 Nov 2018 5:33

Tgt Ion:248 Resp: 4787
 Ion Ratio Lower Upper
 248 100
 250 190.6 79.4 119.2#
 141 471.4 55.9 83.9#

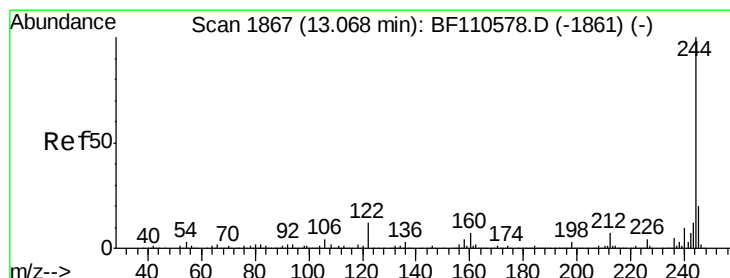
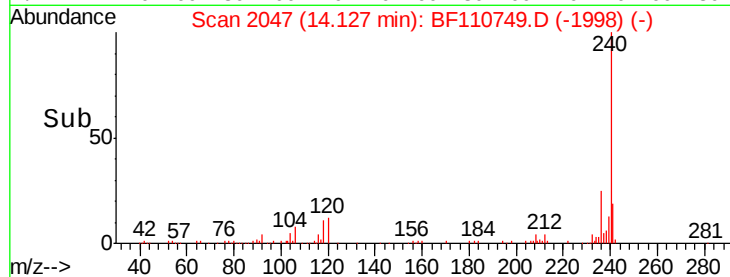
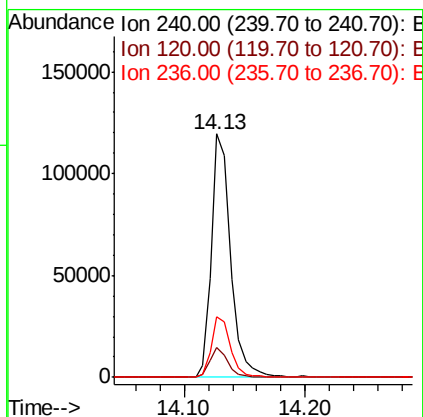
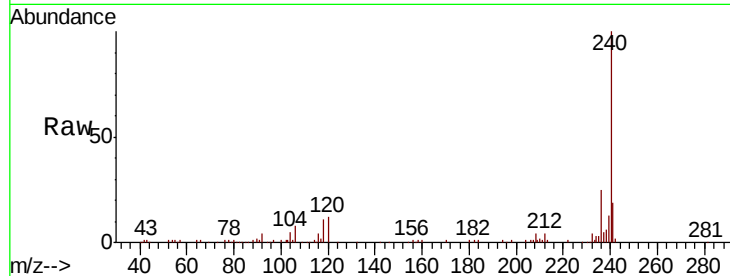




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110749.D
Acq: 14 Nov 2018 5:33

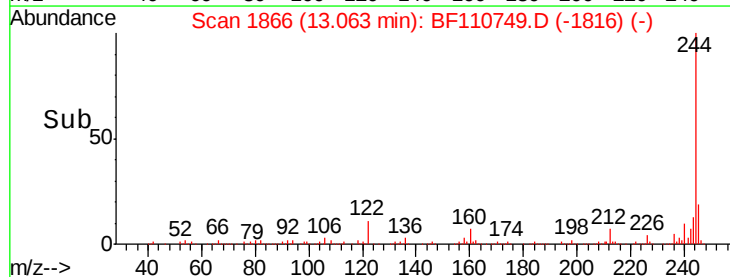
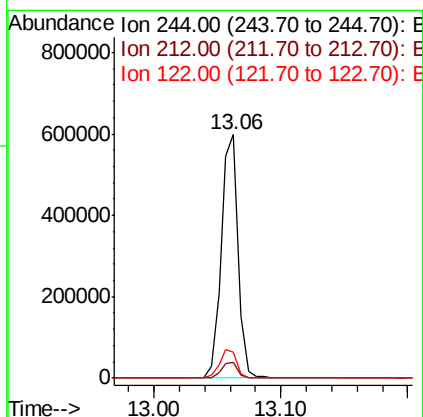
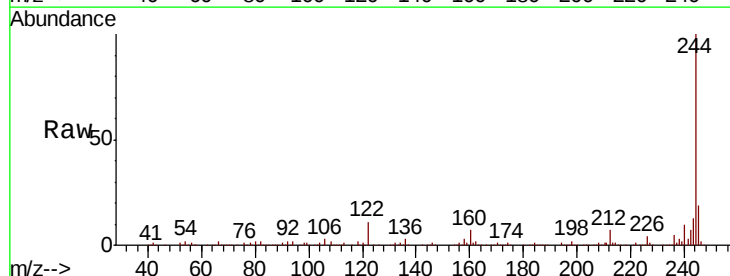
Instrument :
BNA_F
ClientSampleId :
110918-SIDI-F-U-M

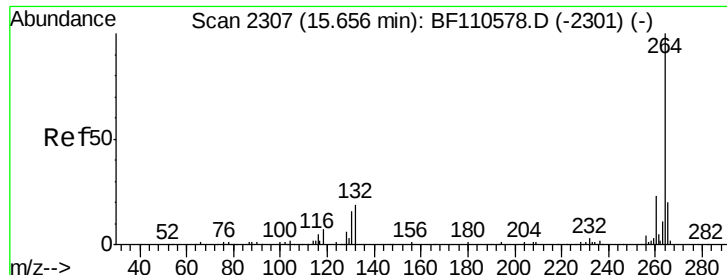
Tgt Ion:240 Resp: 130296
Ion Ratio Lower Upper
240 100
120 12.2 8.3 12.5
236 24.9 21.2 31.8



#79
Terphenyl-d14
Concen: 79.644 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110749.D
Acq: 14 Nov 2018 5:33

Tgt Ion:244 Resp: 554114
Ion Ratio Lower Upper
244 100
212 6.7 5.8 8.8
122 10.6 8.7 13.1

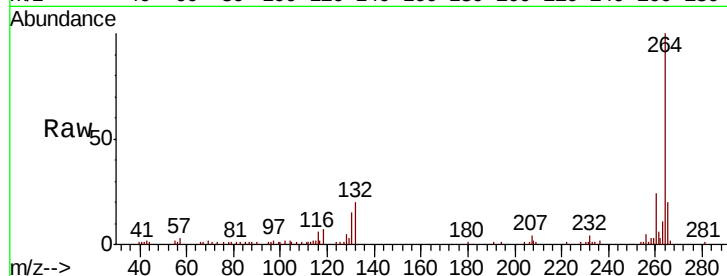




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110749.D
Acq: 14 Nov 2018 5:33

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	20.3	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

