

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF083018\
 Data File : BF108661.D
 Acq On : 31 Aug 2018 00:49
 Operator : JU/SJ
 Sample : J4700-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 082818-SIDI-F-D-B

Quant Time: Aug 31 04:34:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 15:06:55 2018
 Response via : Initial Calibration

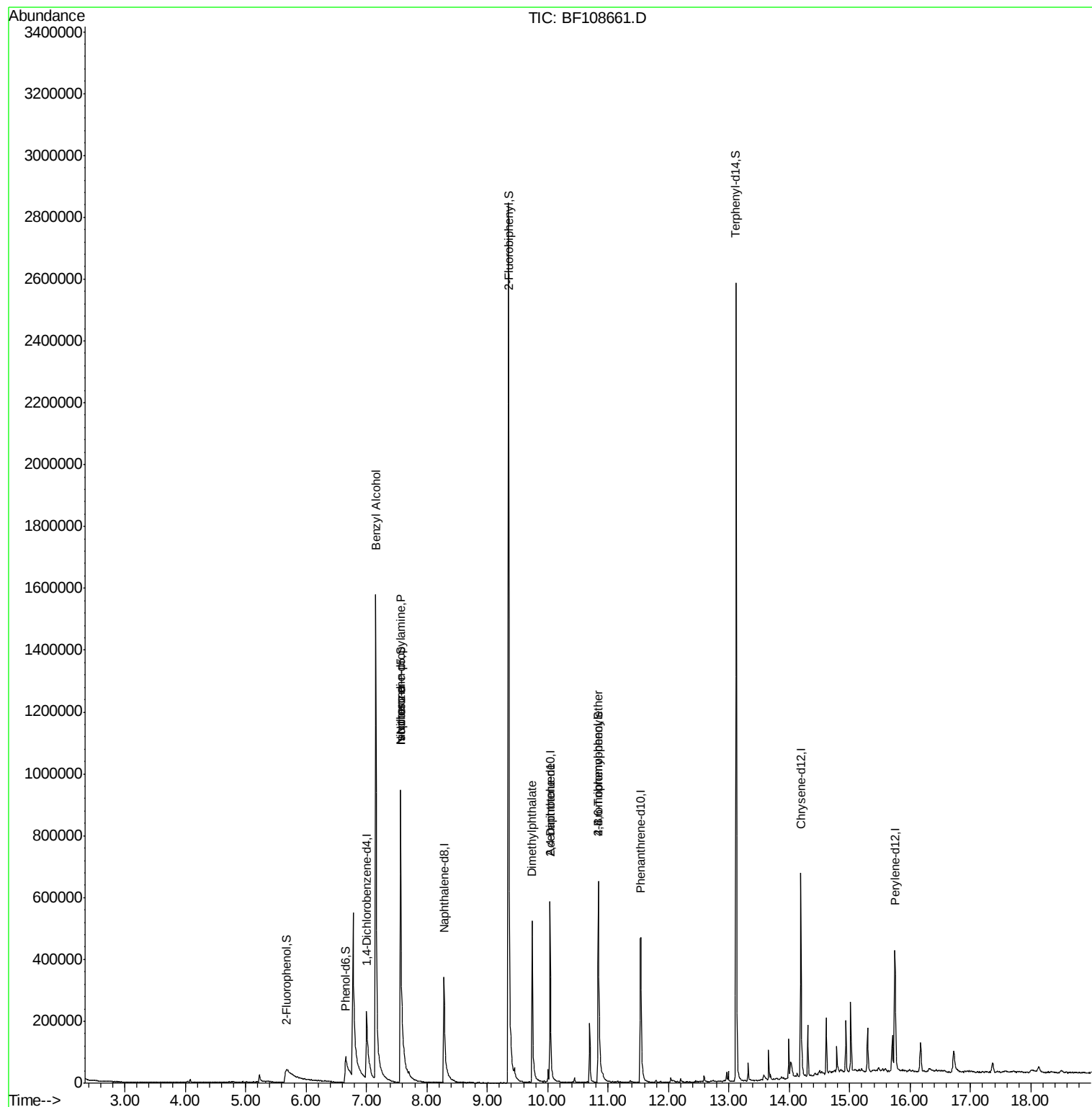
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	79923	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	332467	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	159664	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	293858	20.00	ng	0.00
75) Chrysene-d12	14.19	240	283439	20.00	ng	-0.01
86) Perylene-d12	15.75	264	239834	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	32387	7.04	ng	0.04
7) Phenol-d6	6.66	99	125143	18.99	ng	0.01
23) Nitrobenzene-d5	7.57	82	613307	93.64	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	134258	63.70	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1204315	101.42	ng	0.00
78) Terphenyl-d14	13.12	244	1053383	72.21	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	7.15	79	9548	2.014	ng	# 46
19) n-Nitroso-di-n-propylamine	7.57	70	75520	17.114	ng	# 84
25) Isophorone	7.57	82	619957	56.978	ng	# 64
49) Dimethylphthalate	9.74	163	316282	25.156	ng	# 98
56) 2,4-Dinitrotoluene	10.04	165	19528	5.322	ng	# 23
66) 4-Bromophenyl-phenylether	10.84	248	8427	2.333	ng	# 1

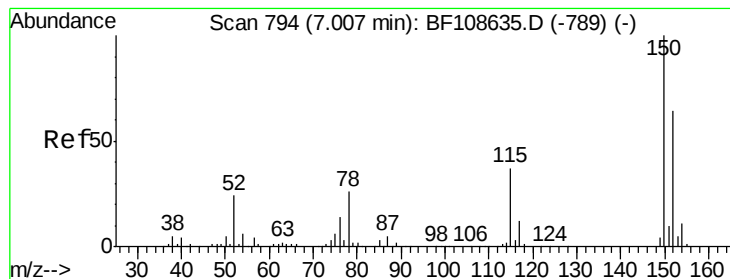
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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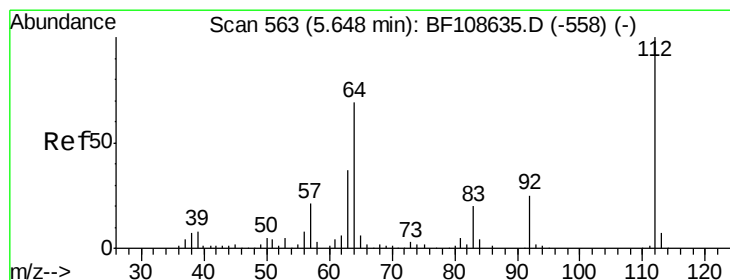
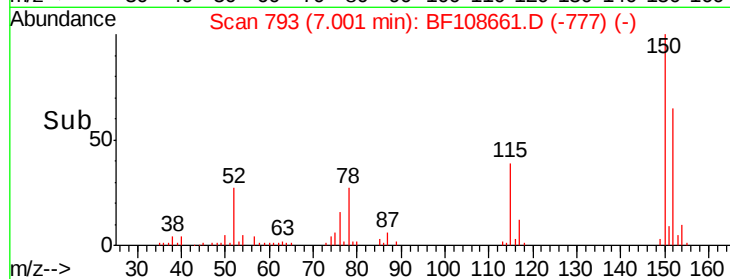
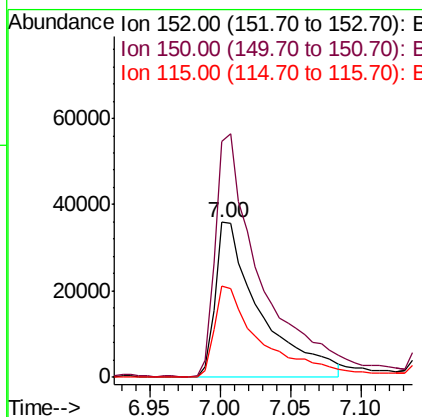
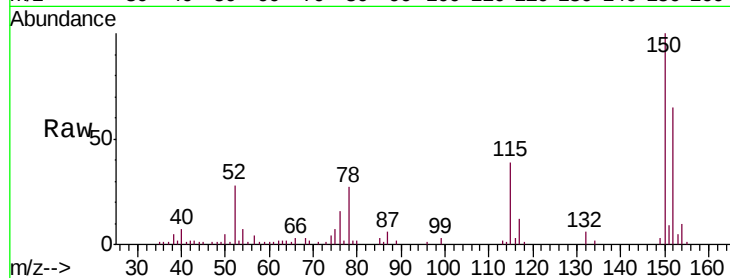




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.00 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BF108661.D
 Acq: 31 Aug 2018 00:49

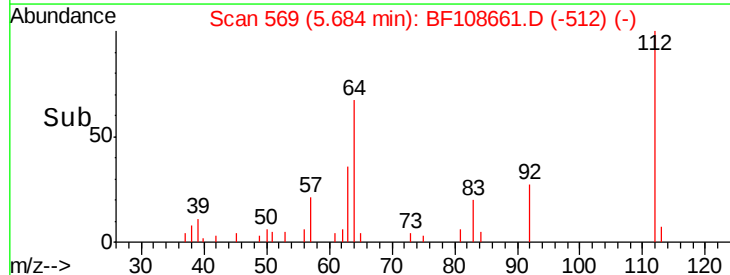
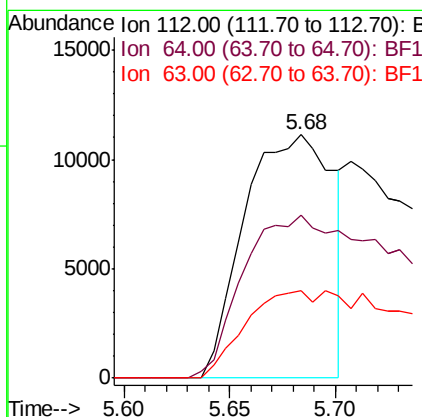
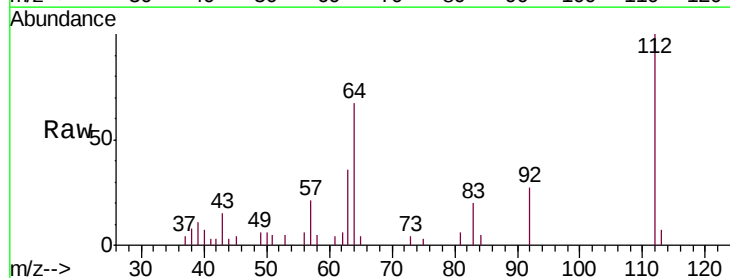
Instrument :
 BNA_F
 ClientSampleId :
 082818-SIDI-F-D-B

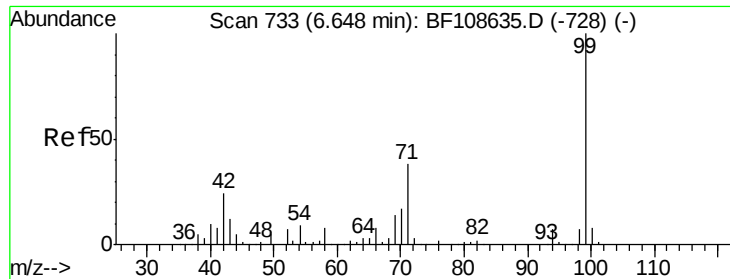
Tgt Ion:152 Resp: 79923
 Ion Ratio Lower Upper
 152 100
 150 152.8 124.6 186.8
 115 59.2 50.1 75.1



#5
 2-Fluorophenol
 Concen: 7.040 ng
 RT: 5.68 min Scan# 569
 Delta R.T. 0.04 min
 Lab File: BF108661.D
 Acq: 31 Aug 2018 00:49

Tgt Ion:112 Resp: 32387
 Ion Ratio Lower Upper
 112 100
 64 66.7 47.9 71.9
 63 35.8 23.7 35.5#





#7

Phenol-d6

Concen: 18.992 ng

RT: 6.66 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF108661.D

Acq: 31 Aug 2018 00:49

Instrument :

BNA_F

ClientSampleId :

082818-SIDI-F-D-B

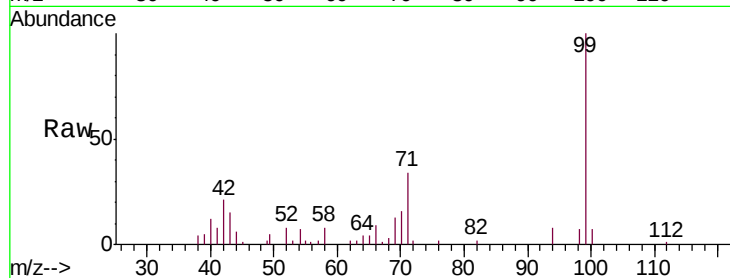
Tgt Ion: 99 Resp: 125143

Ion Ratio Lower Upper

99 100

42 20.8 14.5 21.7

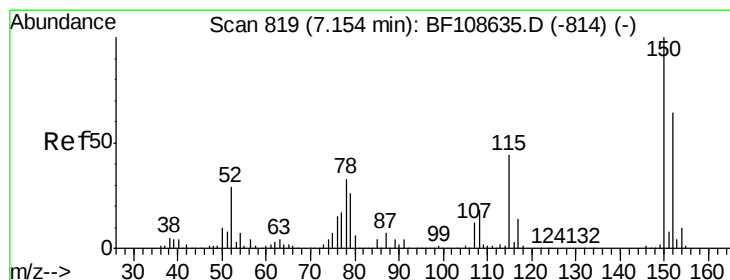
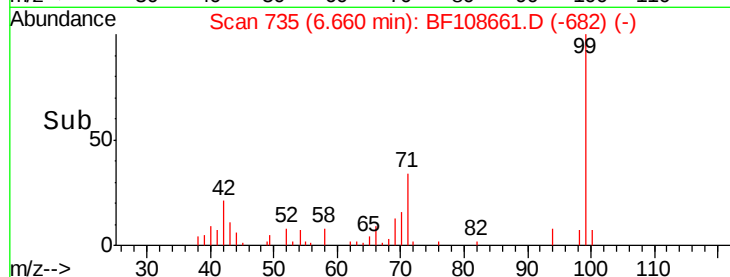
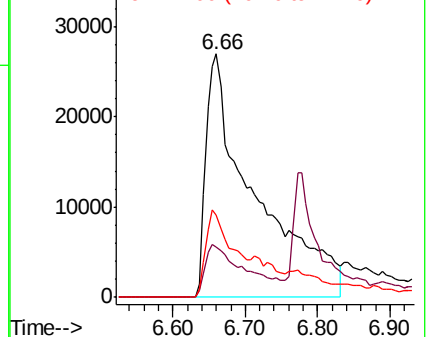
71 34.0 25.4 38.0



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



#15

Benzyl Alcohol

Concen: 2.014 ng

RT: 7.15 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF108661.D

Acq: 31 Aug 2018 00:49

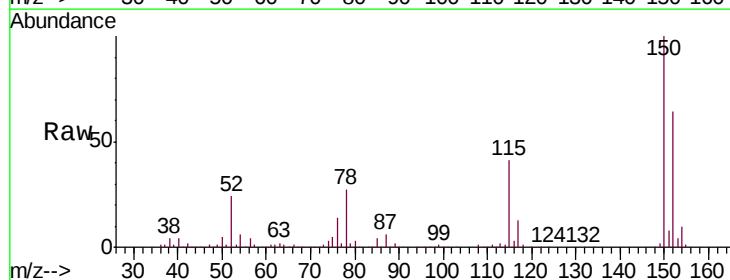
Tgt Ion: 79 Resp: 9548

Ion Ratio Lower Upper

79 100

108 30.5 65.1 97.7#

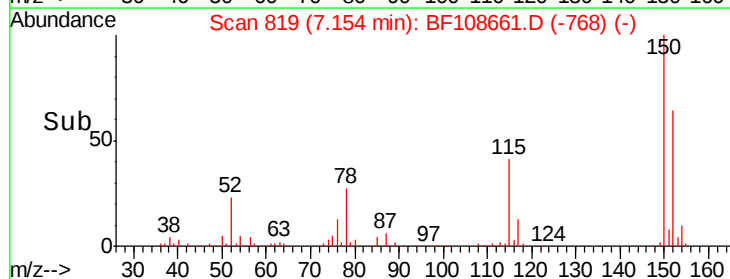
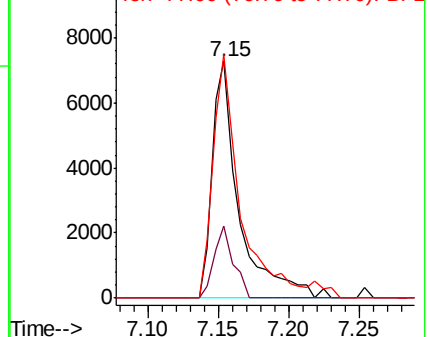
77 102.8 50.6 75.8#

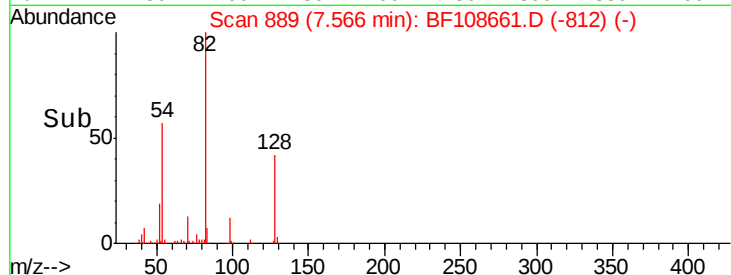
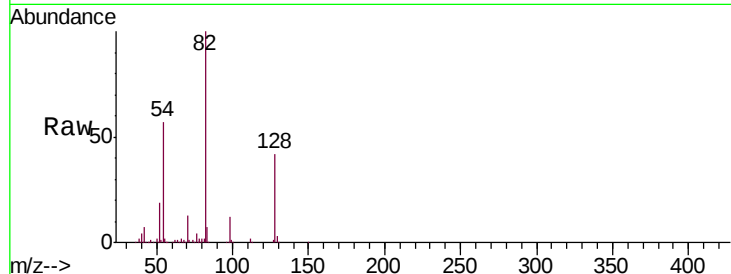
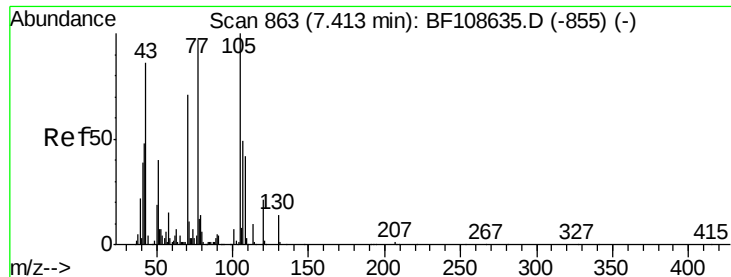


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

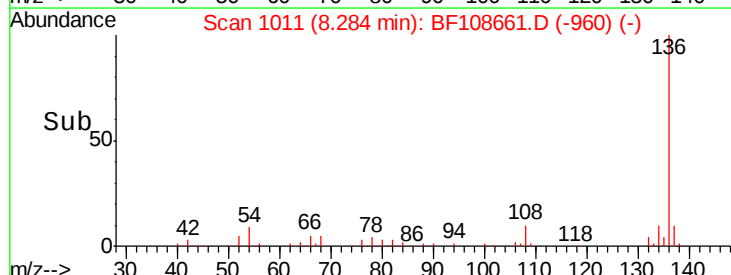
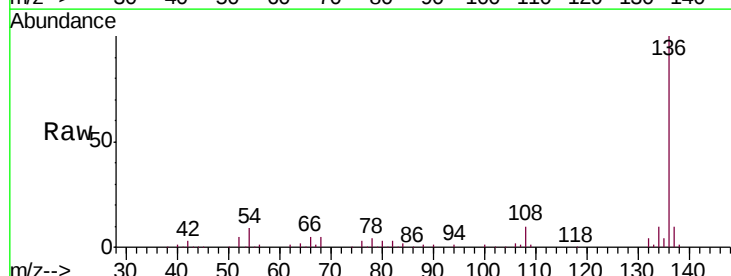
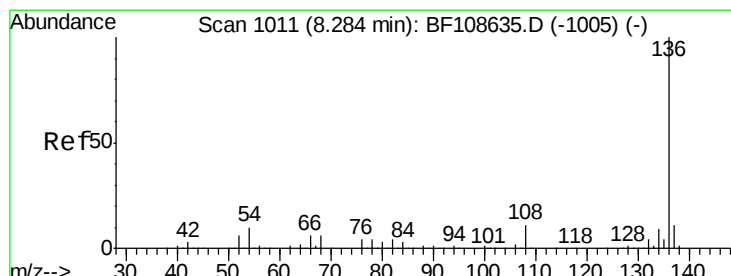
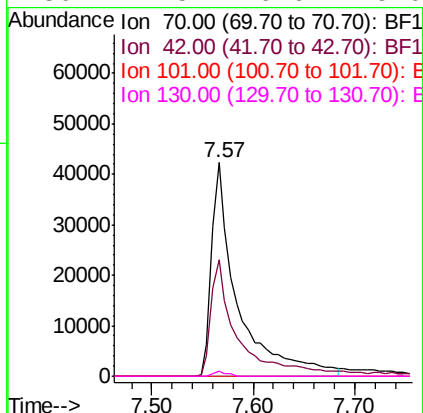




#19
n-Nitroso-di-n-propylamine
Concen: 17.114 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.15 min
Lab File: BF108661.D
Acq: 31 Aug 2018 00:49

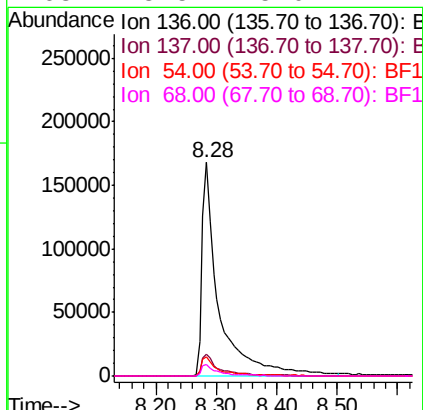
Instrument :
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ClientSampleId :
082818-SIDI-F-D-B

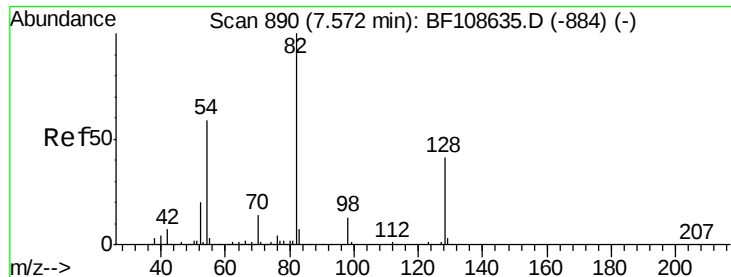
Tgt Ion:	70	Resp:	75520
Ion	Ratio	Lower	Upper
70	100		
42	54.3	47.5	71.3
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF108661.D
Acq: 31 Aug 2018 00:49

Tgt Ion:	136	Resp:	332467
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	8.9	6.6	9.8
68	5.5	5.0	7.4

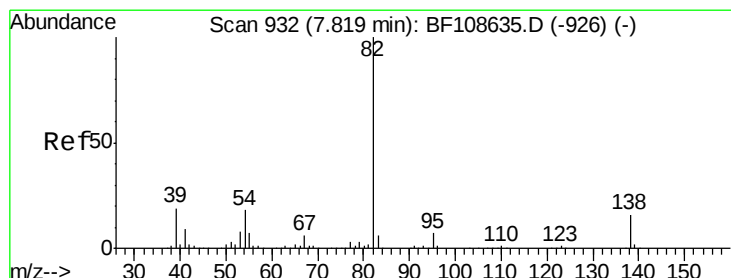
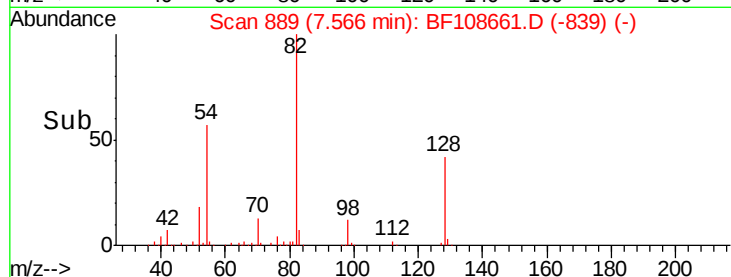
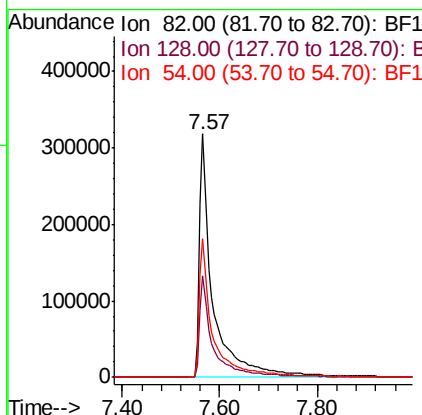
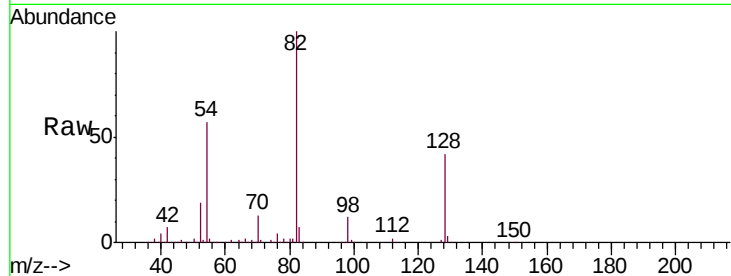




#23
Nitrobenzene-d5
Concen: 93.635 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108661.D
Acq: 31 Aug 2018 00:49

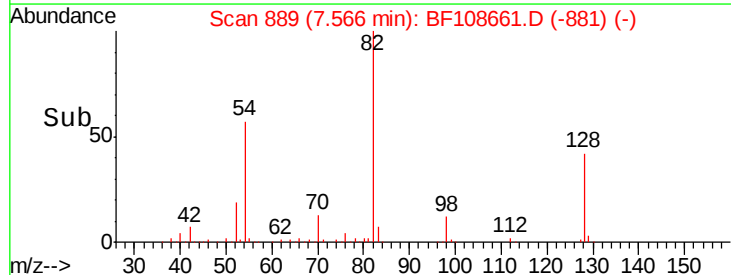
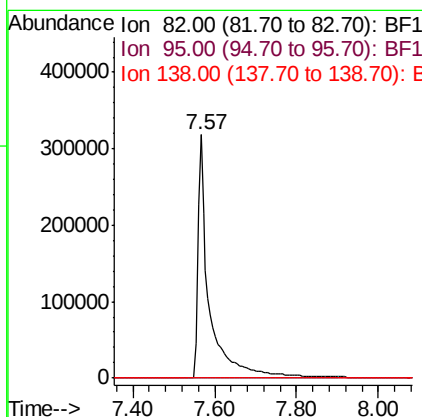
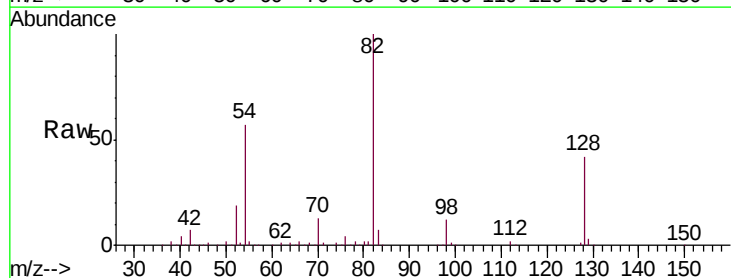
Instrument :
BNA_F
ClientSampleId :
082818-SIDI-F-D-B

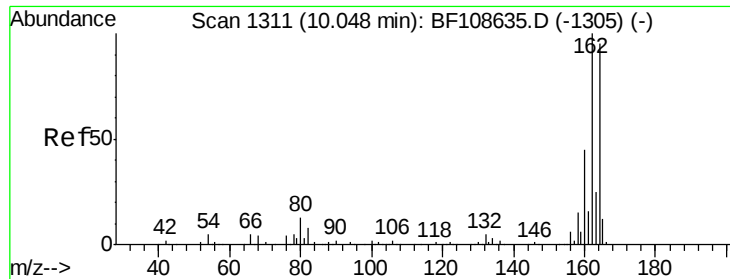
Tgt Ion: 82 Resp: 613307
Ion Ratio Lower Upper
82 100
128 41.6 36.1 54.1
54 57.0 41.4 62.2



#25
Isophorone
Concen: 56.978 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.25 min
Lab File: BF108661.D
Acq: 31 Aug 2018 00:49

Tgt Ion: 82 Resp: 619957
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

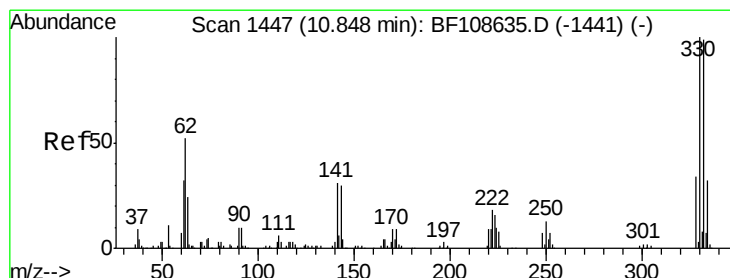
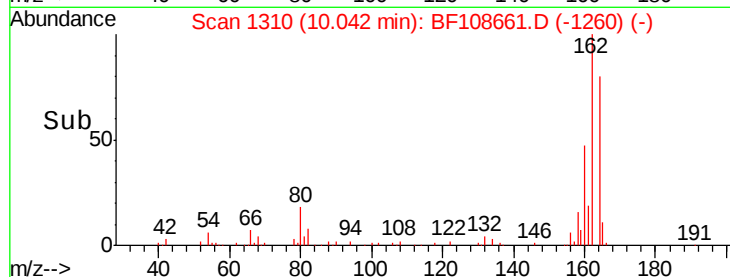
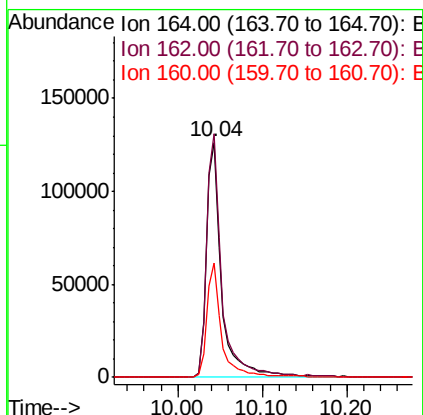
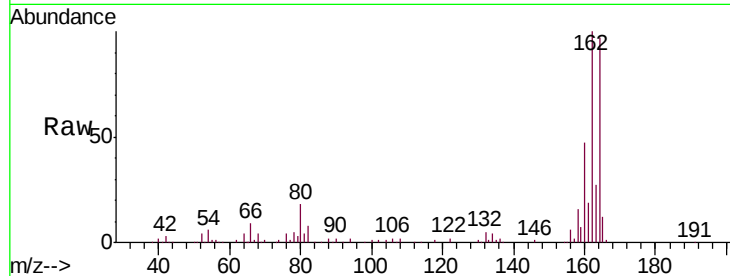




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108661.D
 Acq: 31 Aug 2018 00:49

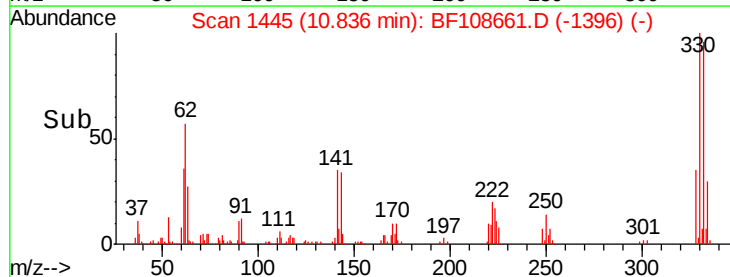
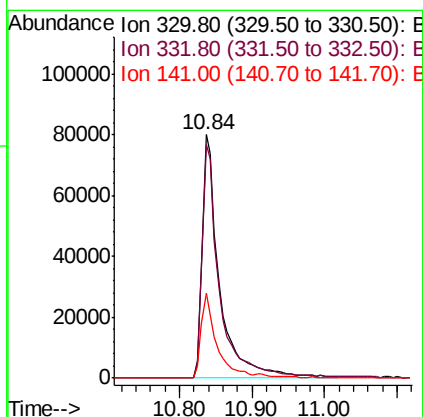
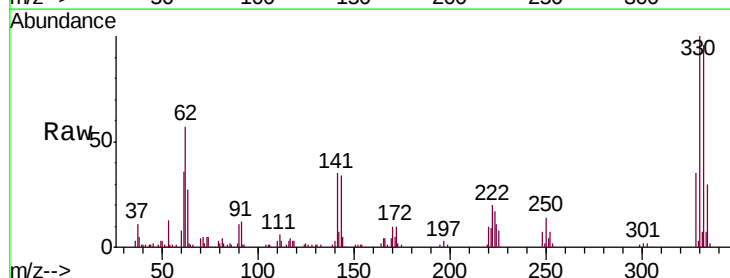
Instrument :
 BNA_F
 ClientSampleId :
 082818-SIDI-F-D-B

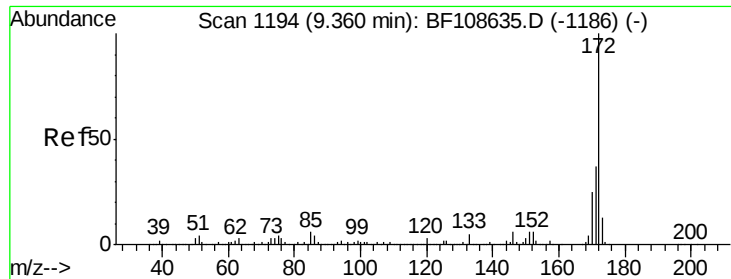
Tgt Ion:164 Resp: 159664
 Ion Ratio Lower Upper
 164 100
 162 103.5 86.1 129.1
 160 48.7 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 63.697 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108661.D
 Acq: 31 Aug 2018 00:49

Tgt Ion:330 Resp: 134258
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 32.6 29.9 44.9

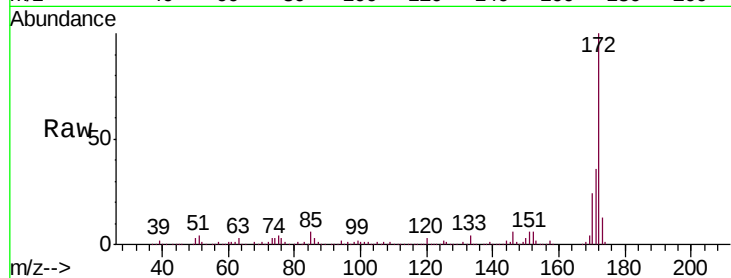




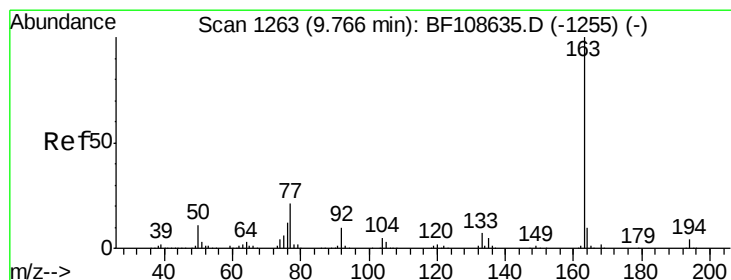
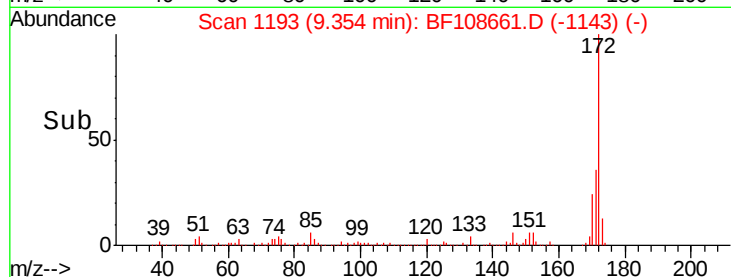
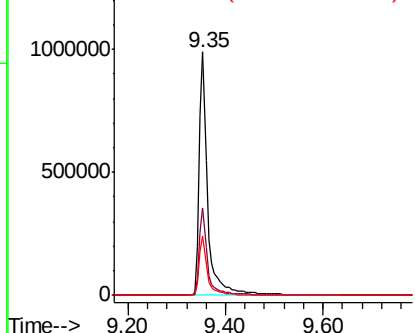
#44
 2-Fluorobiphenyl
 Concen: 101.419 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108661.D
 Acq: 31 Aug 2018 00:49

Instrument :
 BNA_F
 ClientSampleId :
 082818-SIDI-F-D-B

Tgt Ion:172 Resp: 1204315
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 24.1 19.6 29.4

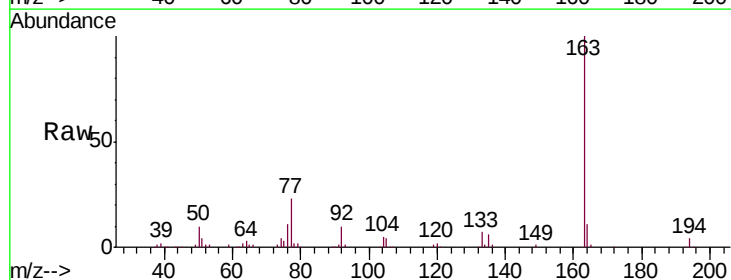


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

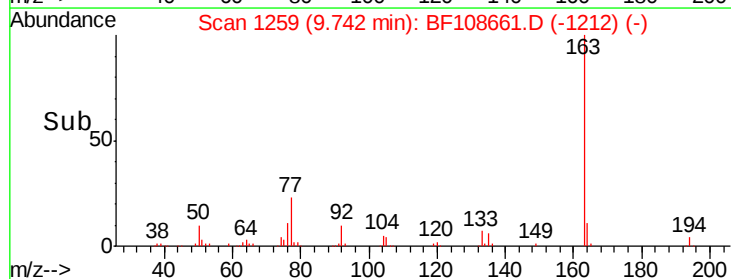
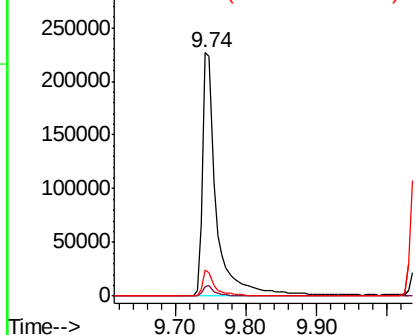


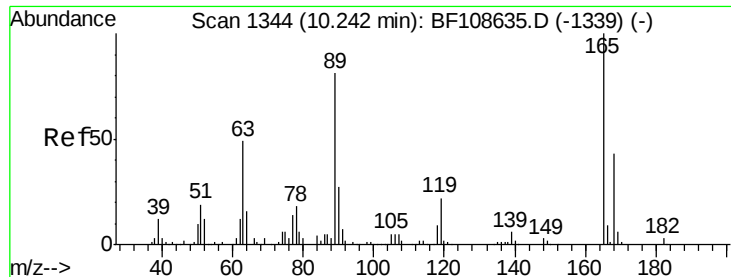
#49
 Dimethylphthalate
 Concen: 25.156 ng
 RT: 9.74 min Scan# 1259
 Delta R.T. -0.02 min
 Lab File: BF108661.D
 Acq: 31 Aug 2018 00:49

Tgt Ion:163 Resp: 316282
 Ion Ratio Lower Upper
 163 100
 194 4.0 2.7 4.1
 164 10.9 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

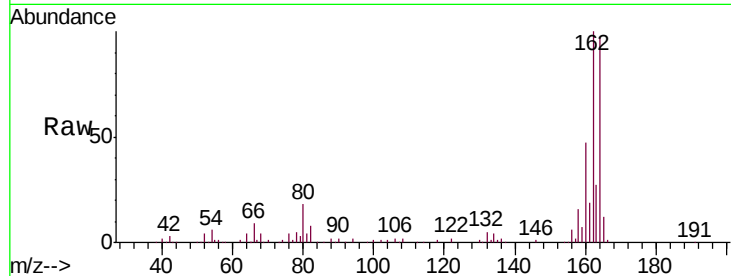




#56
2,4-Dinitrotoluene
Concen: 5.322 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.20 min
Lab File: BF108661.D
Acq: 31 Aug 2018 00:49

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.9	57.8	86.6#
182	0.0	1.6	2.4#

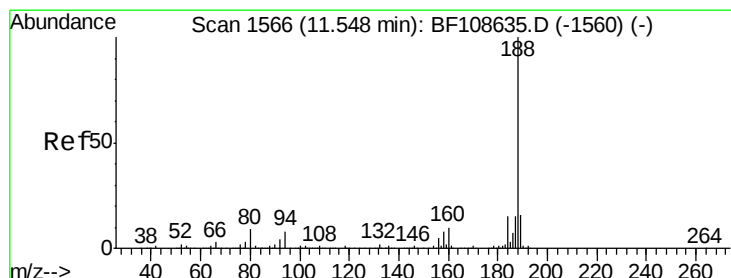
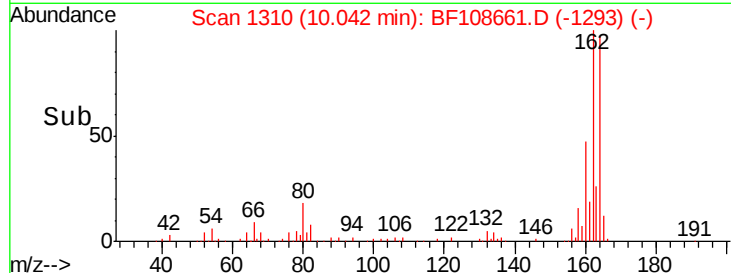
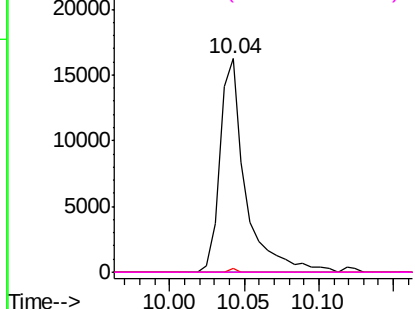


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

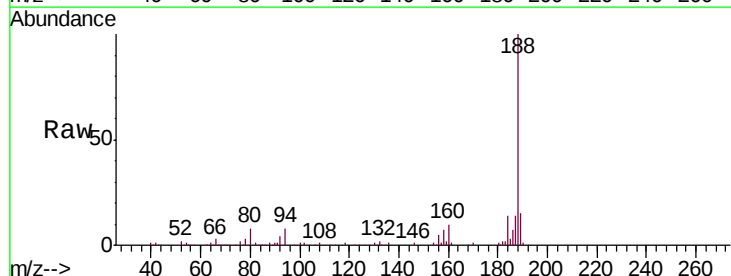
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108661.D
Acq: 31 Aug 2018 00:49

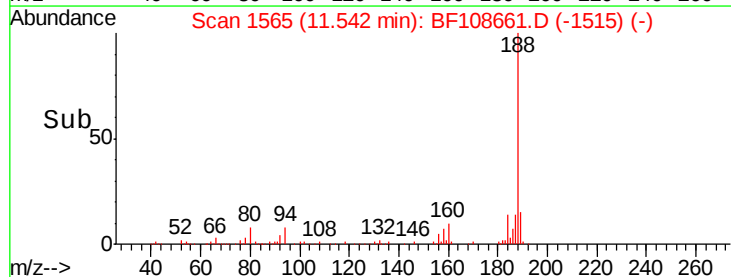
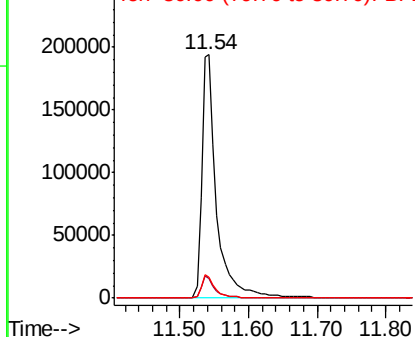
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.5	12.7#
80	8.5	9.2	13.8#

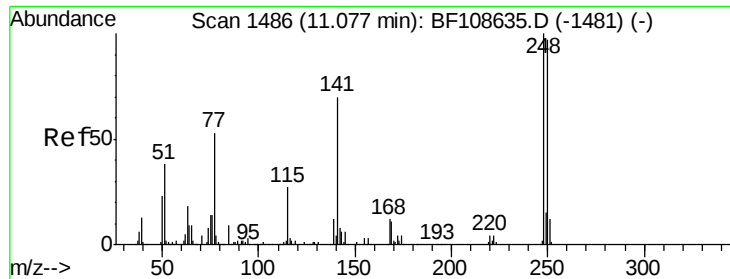


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

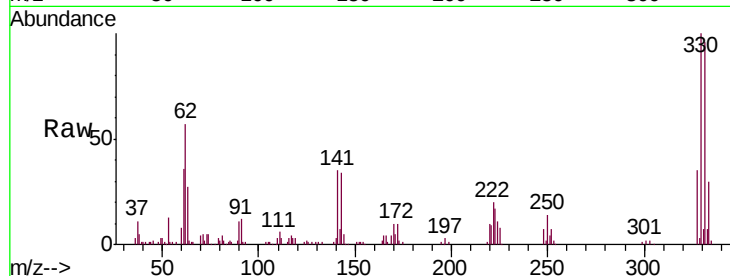




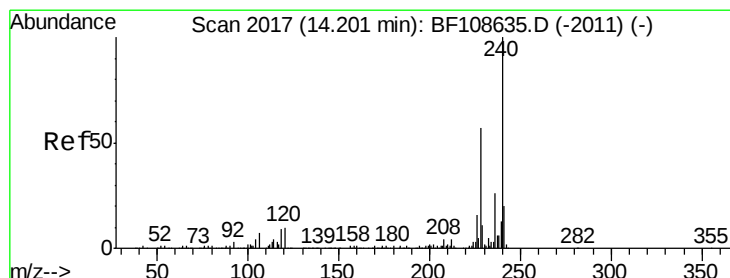
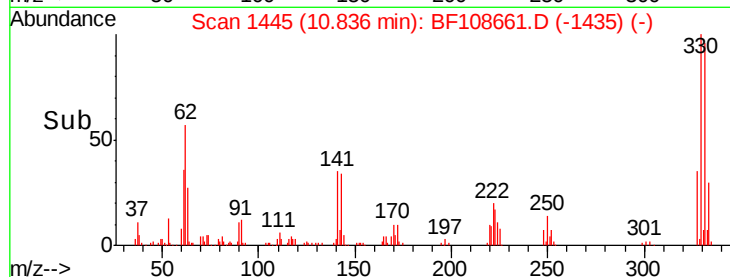
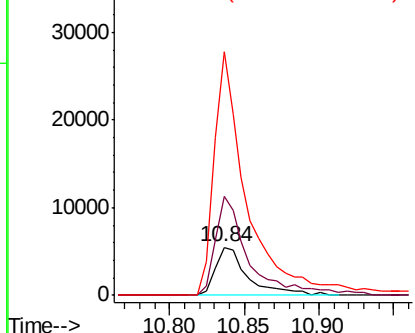
#66
 4-Bromophenyl-phenylether
 Concen: 2.333 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.24 min
 Lab File: BF108661.D
 Acq: 31 Aug 2018 00:49

Instrument :
 BNA_F
 ClientSampleId :
 082818-SIDI-F-D-B

Tgt Ion:248 Resp: 8427
 Ion Ratio Lower Upper
 248 100
 250 207.4 76.9 115.3#
 141 507.2 74.4 111.6#

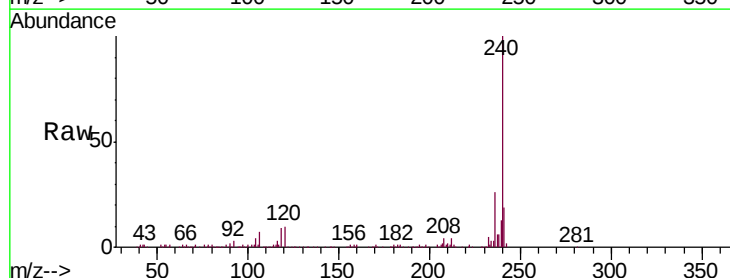


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

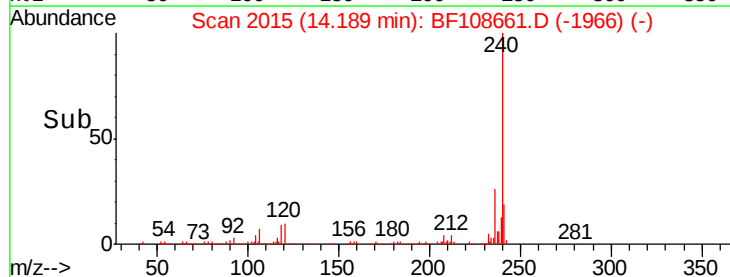
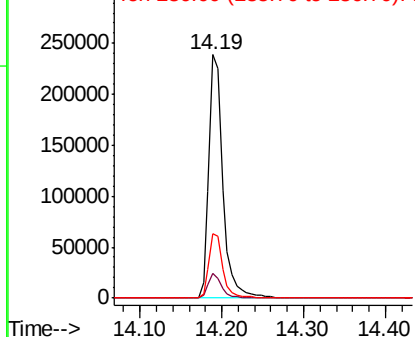


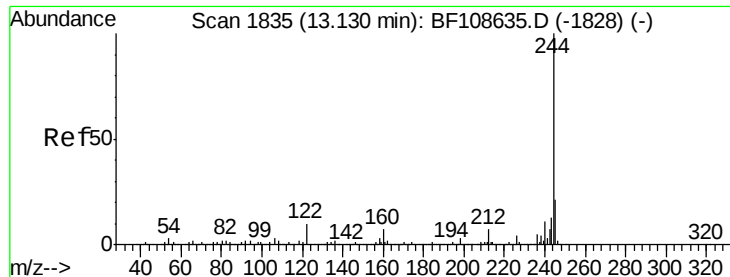
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.19 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF108661.D
 Acq: 31 Aug 2018 00:49

Tgt Ion:240 Resp: 283439
 Ion Ratio Lower Upper
 240 100
 120 10.1 9.5 14.3
 236 26.4 20.7 31.1



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





#78

Terphenyl-d14

Concen: 72.209 ng

RT: 13.12 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF108661.D

Acq: 31 Aug 2018 00:49

Instrument :

BNA_F

ClientSampleId :

082818-SIDI-F-D-B

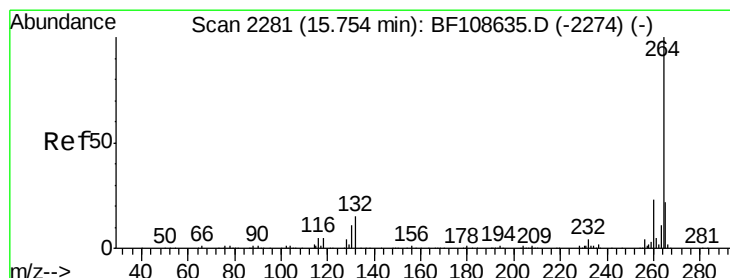
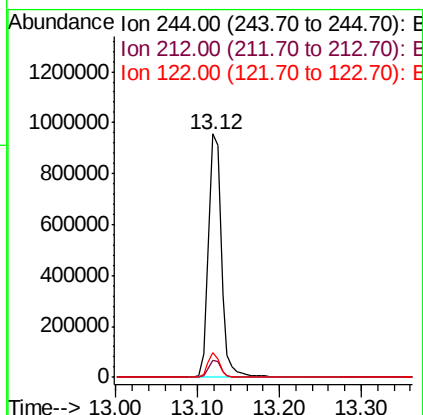
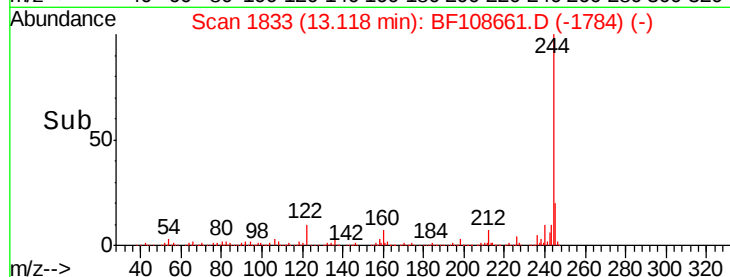
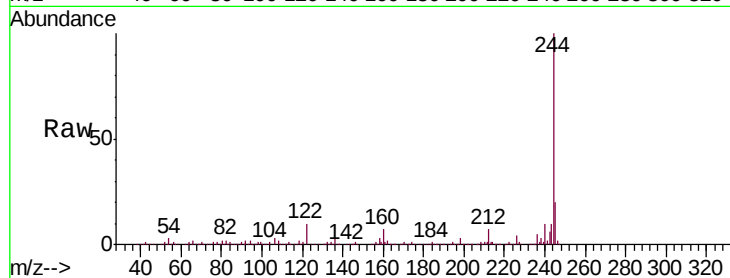
Tgt Ion:244 Resp: 1053383

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

122 10.0 11.0 16.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.75 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF108661.D

Acq: 31 Aug 2018 00:49

Tgt Ion:264 Resp: 239834

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.1 17.5 26.3

