

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF083018\
 Data File : BF108664.D
 Acq On : 31 Aug 2018 2:10
 Operator : JU/SJ
 Sample : J4700-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 082818-SIDI-F-U-S

Quant Time: Aug 31 04:34:40 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

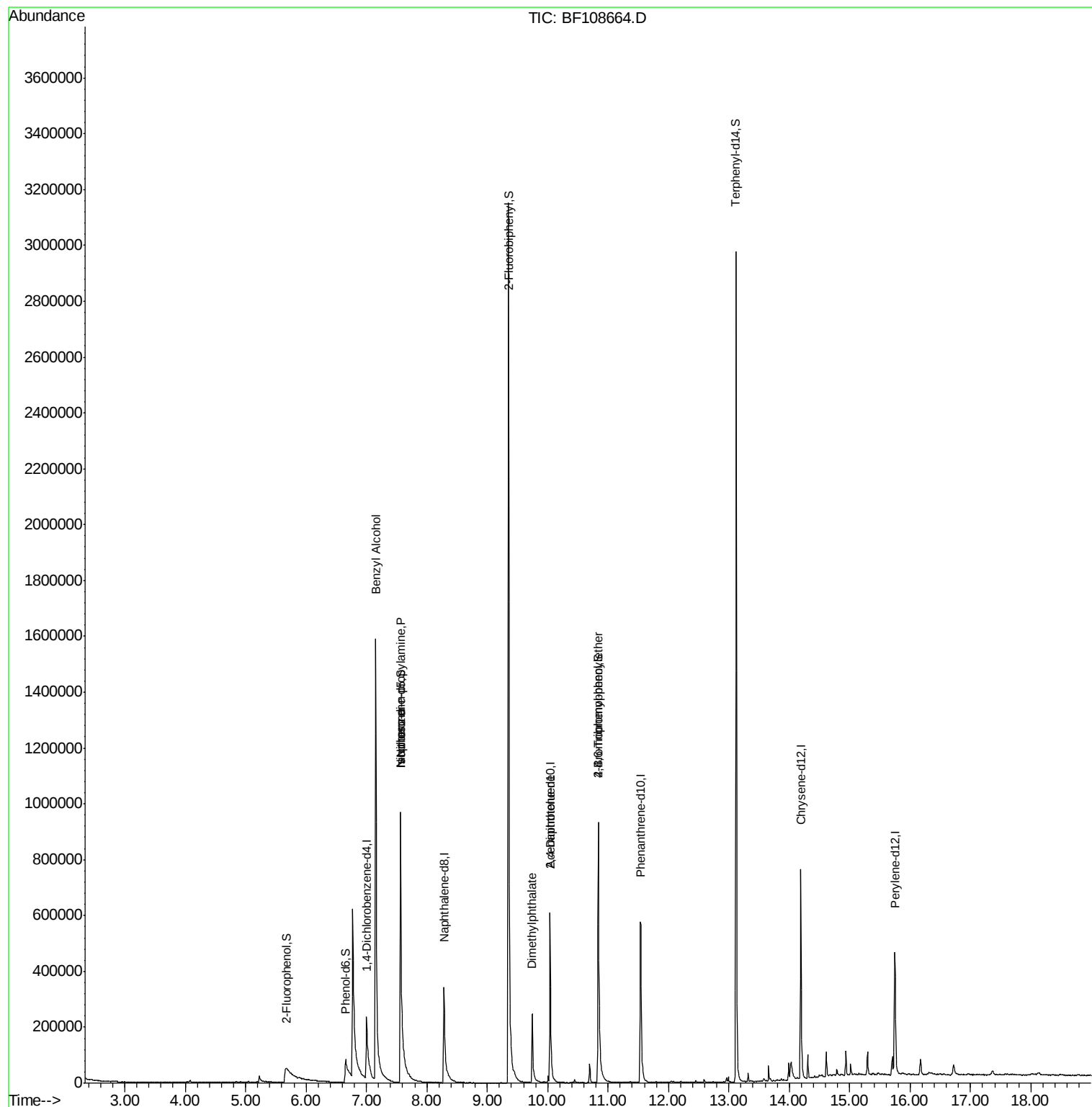
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	82120	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	350142	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	177233	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	354857	20.00	ng	0.00
75) Chrysene-d12	14.19	240	328177	20.00	ng	-0.01
86) Perylene-d12	15.75	264	268532	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	65905	13.94	ng	0.03
7) Phenol-d6	6.66	99	147229	21.75	ng	0.01
23) Nitrobenzene-d5	7.57	82	634356	91.96	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	185984	79.49	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1285942	97.56	ng	0.00
78) Terphenyl-d14	13.12	244	1258748	74.52	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.15	79	10172	2.089	ng	# 46
19) n-Nitroso-di-n-propylamine	7.57	70	77739	17.146	ng	# 83
25) Isophorone	7.57	82	634356	55.358	ng	# 64
49) Dimethylphthalate	9.75	163	175461	12.572	ng	# 99
56) 2,4-Dinitrotoluene	10.04	165	21380	5.249	ng	# 23
66) 4-Bromophenyl-phenylether	10.84	248	11928	2.735	ng	# 1

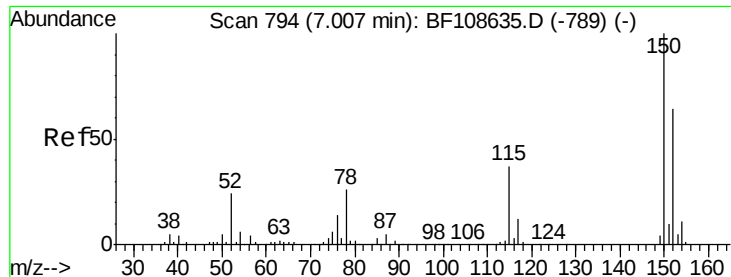
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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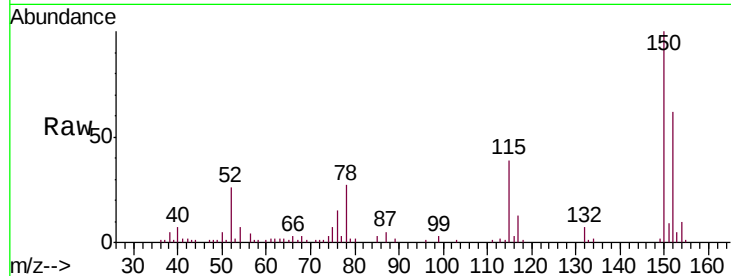


#1

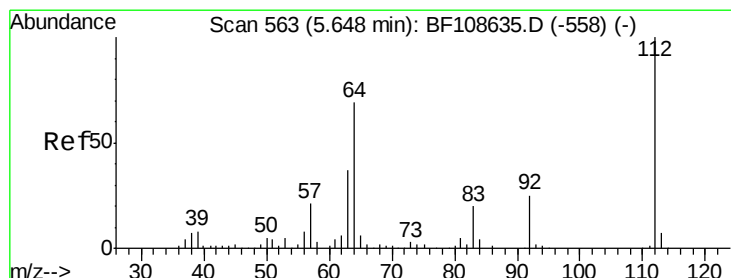
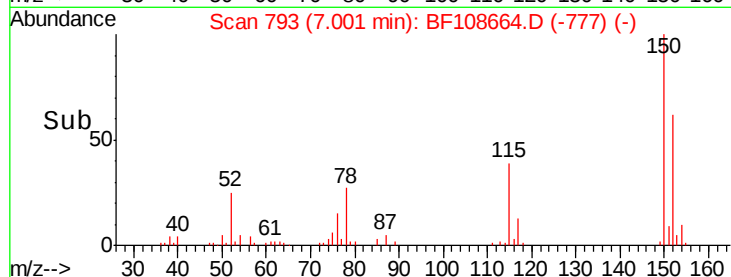
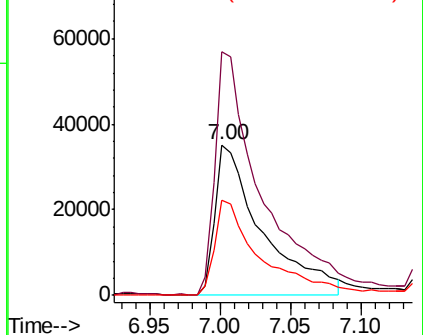
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108664.D
Acq: 31 Aug 2018 2:10

Instrument :
BNA_F
ClientSampleId :
082818-SIDI-F-U-S

Tgt Ion:152 Resp: 82120
Ion Ratio Lower Upper
152 100
150 161.5 124.6 186.8
115 62.9 50.1 75.1



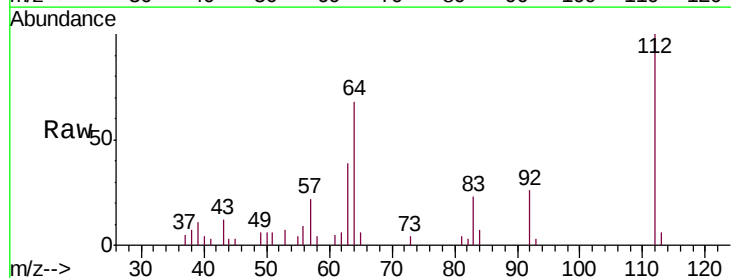
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



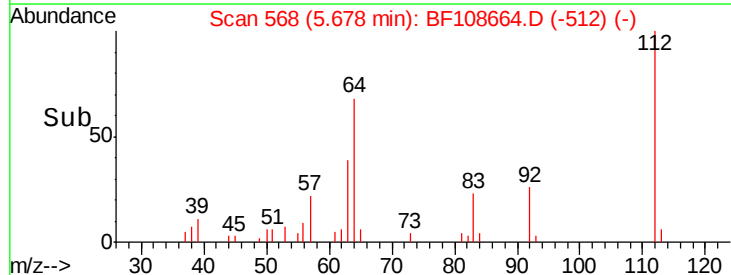
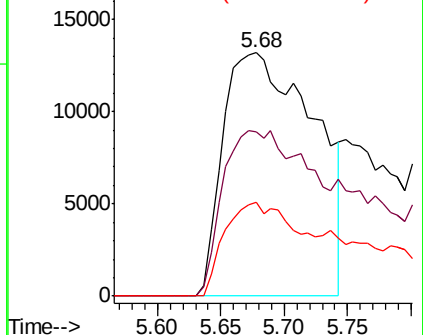
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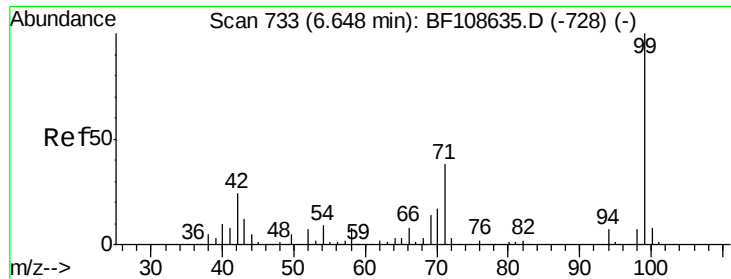
2-Fluorophenol
Concen: 13.942 ng
RT: 5.68 min Scan# 568
Delta R.T. 0.03 min
Lab File: BF108664.D
Acq: 31 Aug 2018 2:10

Tgt Ion:112 Resp: 65905
Ion Ratio Lower Upper
112 100
64 67.6 47.9 71.9
63 38.6 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: 21.746 ng

RT: 6.66 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF108664.D

Acq: 31 Aug 2018 2:10

Instrument :

BNA_F

ClientSampleId :

082818-SIDI-F-U-S

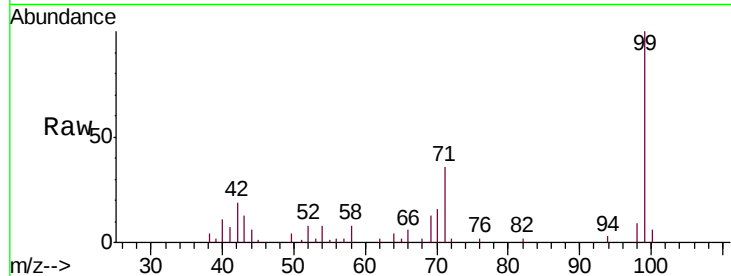
Tgt Ion: 99 Resp: 147229

Ion Ratio Lower Upper

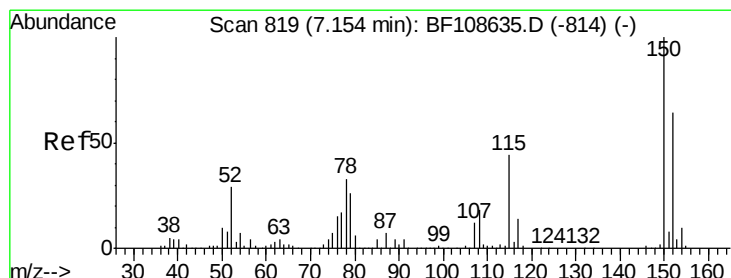
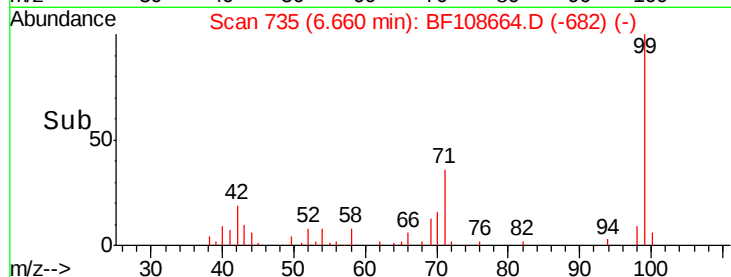
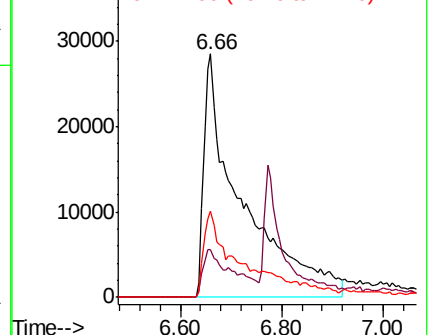
99 100

42 19.5 14.5 21.7

71 35.6 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: 2.089 ng

RT: 7.15 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF108664.D

Acq: 31 Aug 2018 2:10

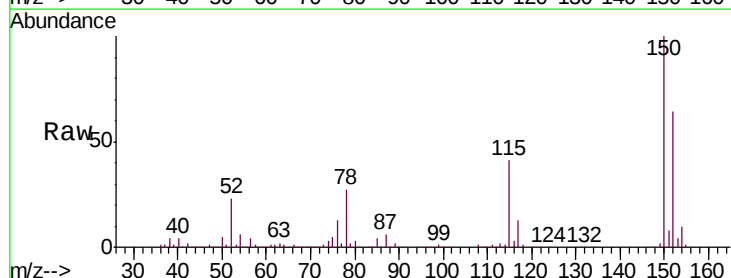
Tgt Ion: 79 Resp: 10172

Ion Ratio Lower Upper

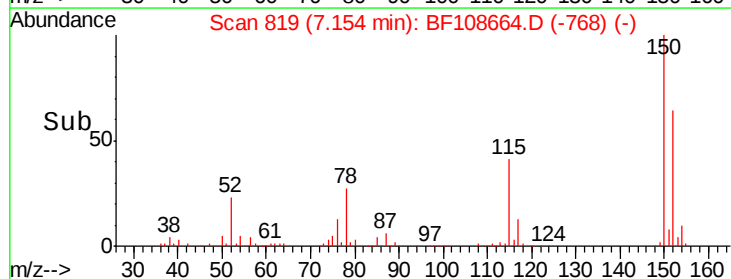
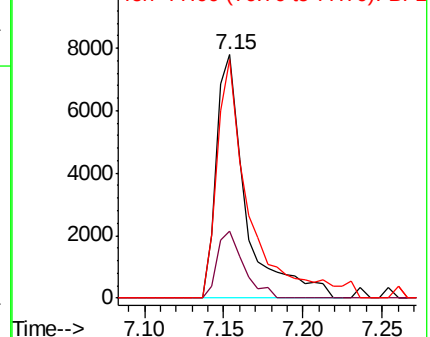
79 100

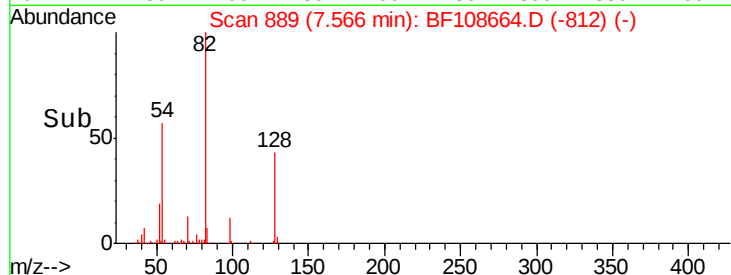
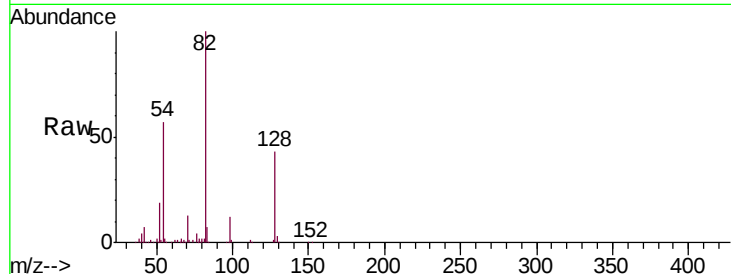
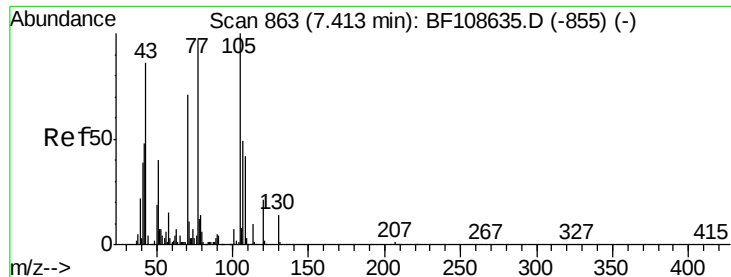
108 27.5 65.1 97.7#

77 97.9 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1

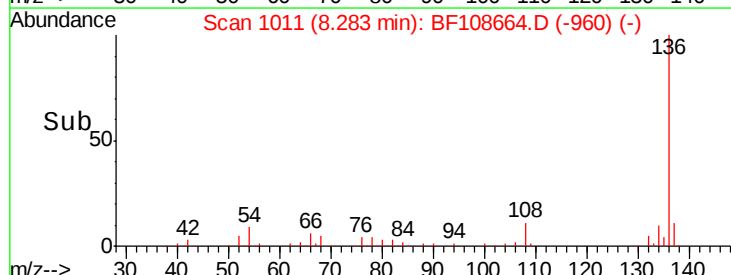
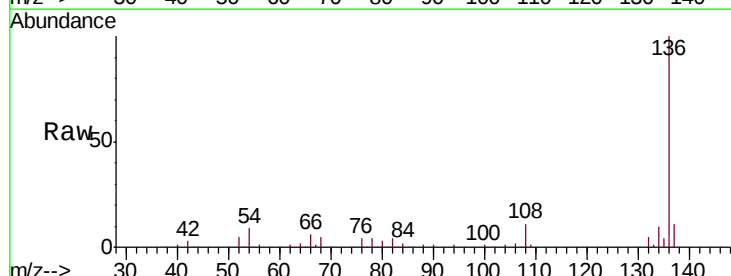
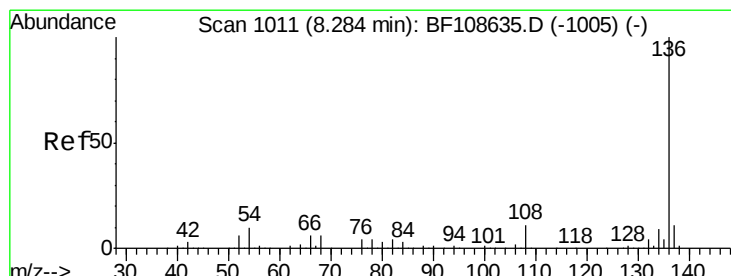
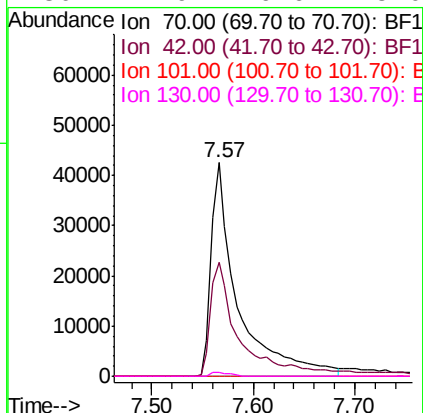




#19
n-Nitroso-di-n-propylamine
Concen: 17.146 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.15 min
Lab File: BF108664.D
Acq: 31 Aug 2018 2:10

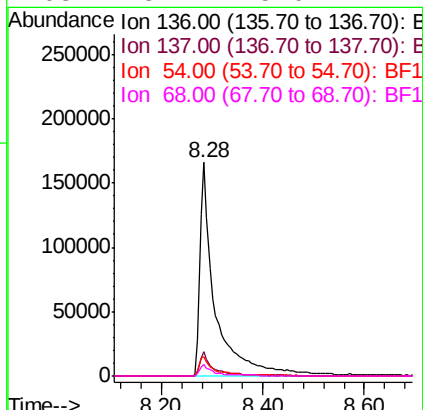
Instrument :
BNA_F
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082818-SIDI-F-U-S

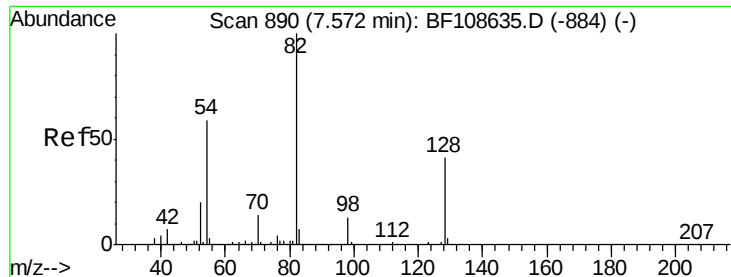
Tgt Ion:	70	Resp:	77739
Ion	Ratio	Lower	Upper
70	100		
42	53.3	47.5	71.3
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF108664.D
Acq: 31 Aug 2018 2:10

Tgt Ion:	136	Resp:	350142
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.2	6.6	9.8
68	5.4	5.0	7.4

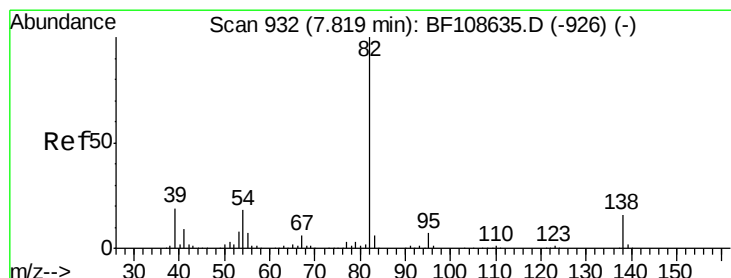
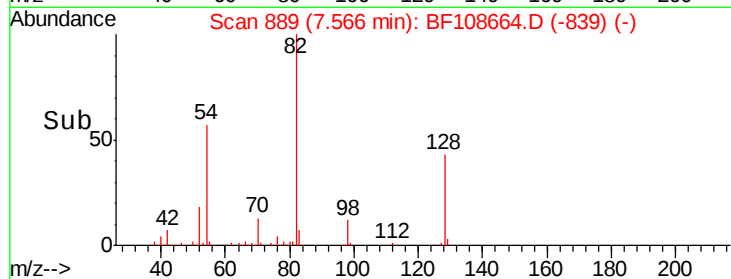
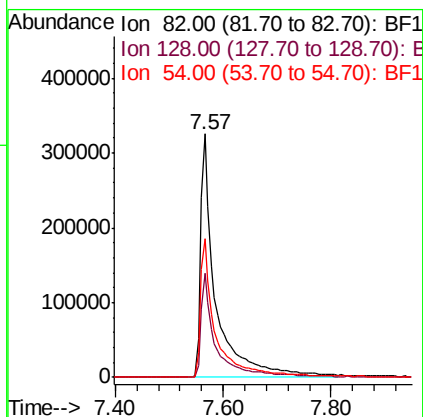
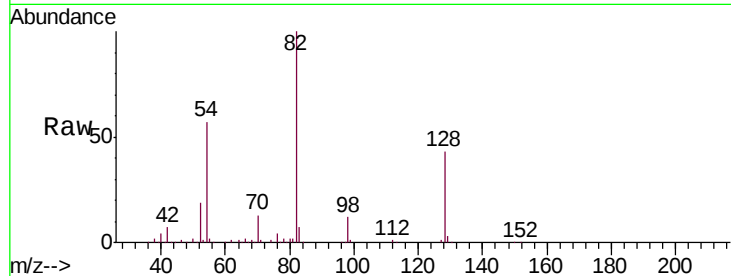




#23
 Nitrobenzene-d5
 Concen: 91.960 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF108664.D
 Acq: 31 Aug 2018 2:10

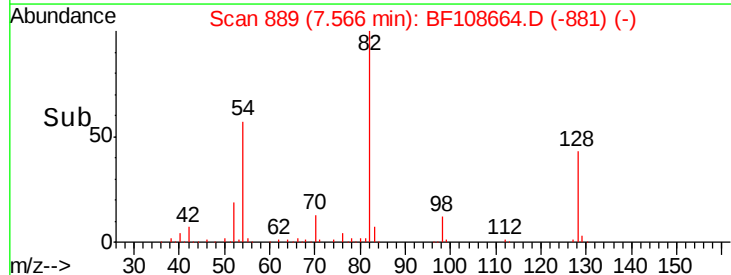
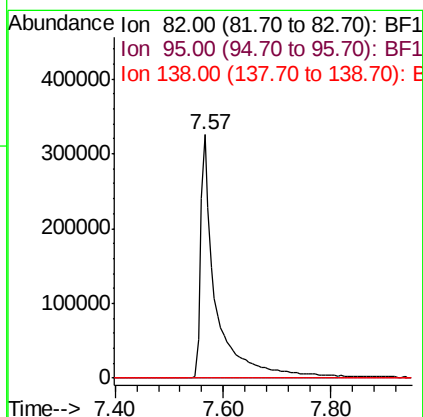
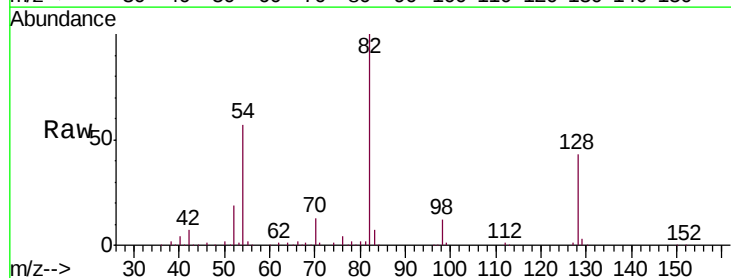
Instrument :
 BNA_F
 ClientSampleId :
 082818-SIDI-F-U-S

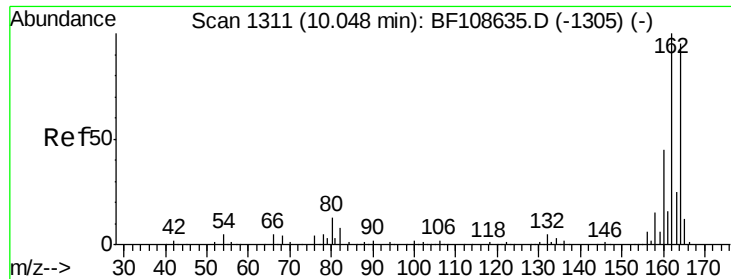
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.5	36.1	54.1
54	57.2	41.4	62.2



#25
 Isophorone
 Concen: 55.358 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.25 min
 Lab File: BF108664.D
 Acq: 31 Aug 2018 2:10

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

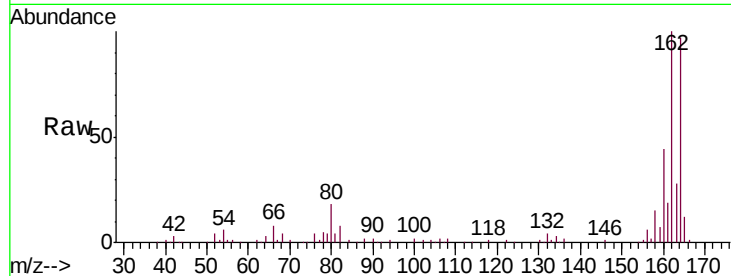




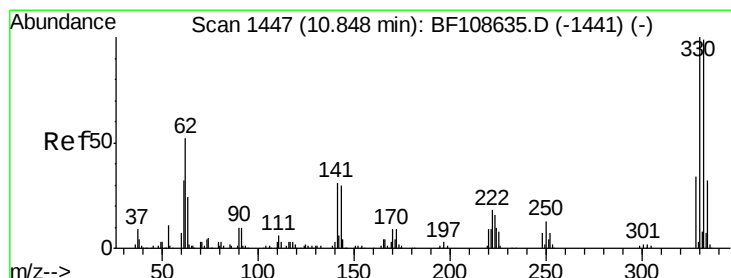
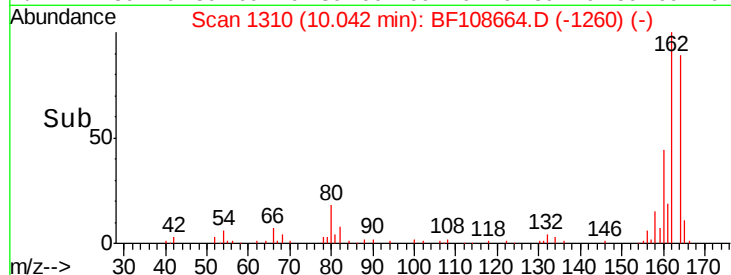
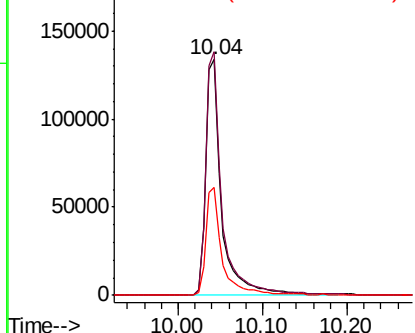
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108664.D
 Acq: 31 Aug 2018 2:10

Instrument :
 BNA_F
 ClientSampleId :
 082818-SIDI-F-U-S

Tgt Ion:164 Resp: 177233
 Ion Ratio Lower Upper
 164 100
 162 103.3 86.1 129.1
 160 45.5 38.3 57.5

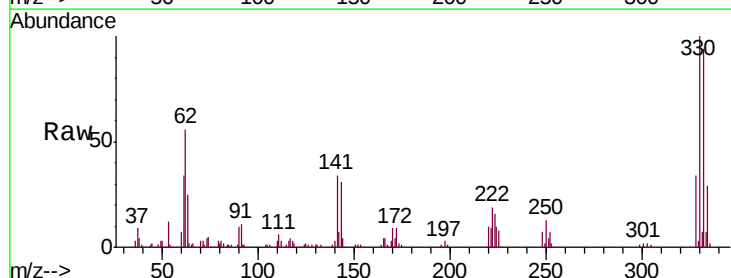


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

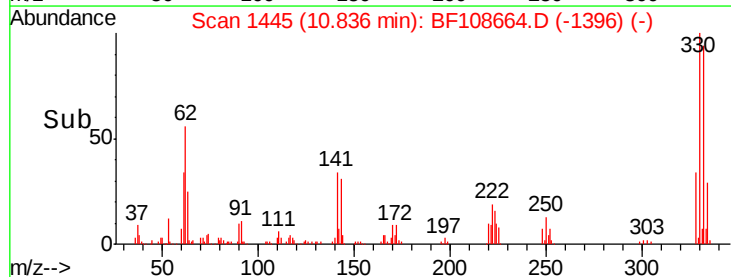
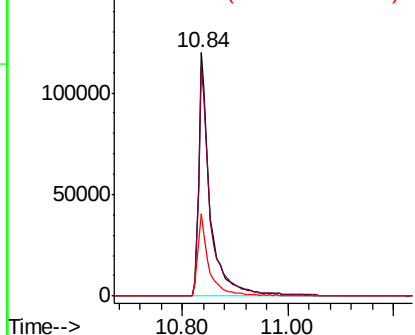


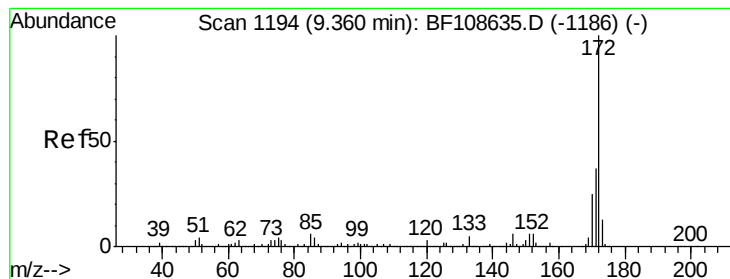
#41
 2,4,6-Tribromophenol
 Concen: 79.491 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108664.D
 Acq: 31 Aug 2018 2:10

Tgt Ion:330 Resp: 185984
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 33.1 29.9 44.9



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





#44

2-Fluorobiphenyl

Concen: 97.558 ng

RT: 9.35 min Scan# 1193

Delta R.T. -0.01 min

Lab File: BF108664.D

Acq: 31 Aug 2018 2:10

Instrument :

BNA_F

ClientSampleId :

082818-SIDI-F-U-S

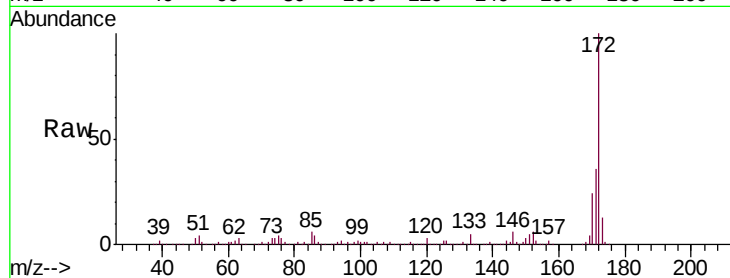
Tgt Ion:172 Resp: 1285942

Ion Ratio Lower Upper

172 100

171 36.1 29.7 44.5

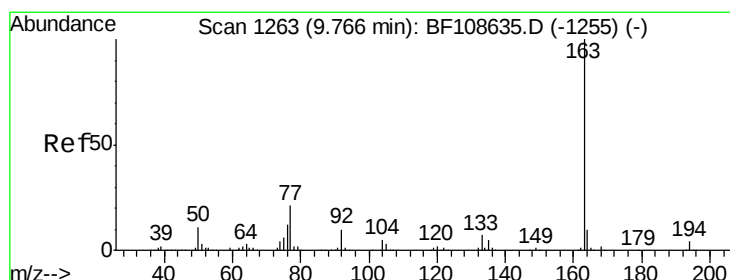
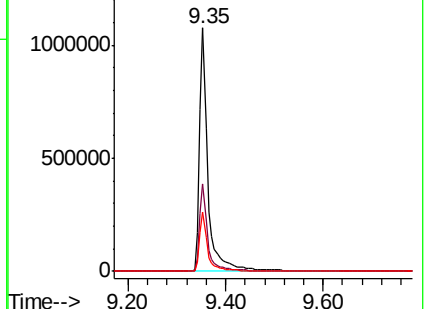
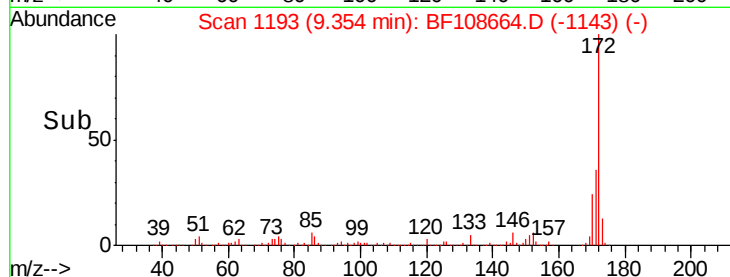
170 24.4 19.6 29.4



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: 12.572 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BF108664.D

Acq: 31 Aug 2018 2:10

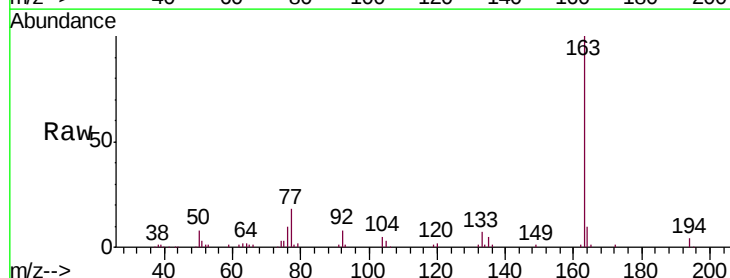
Tgt Ion:163 Resp: 175461

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

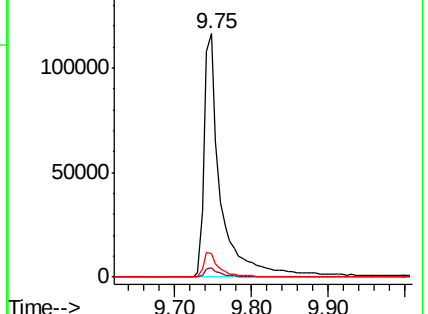
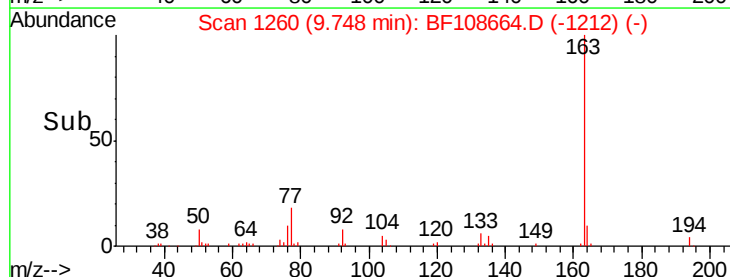
164 9.8 8.2 12.2

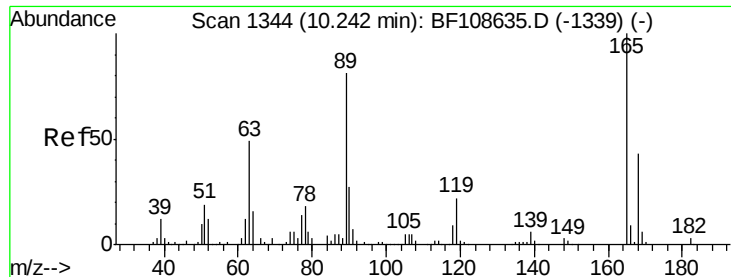


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

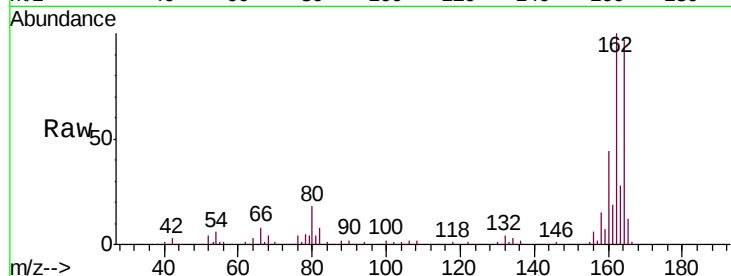




#56
 2,4-Dinitrotoluene
 Concen: 5.249 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.20 min
 Lab File: BF108664.D
 Acq: 31 Aug 2018 2:10

Instrument :
 BNA_F
 ClientSampleId :
 082818-SIDI-F-U-S

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



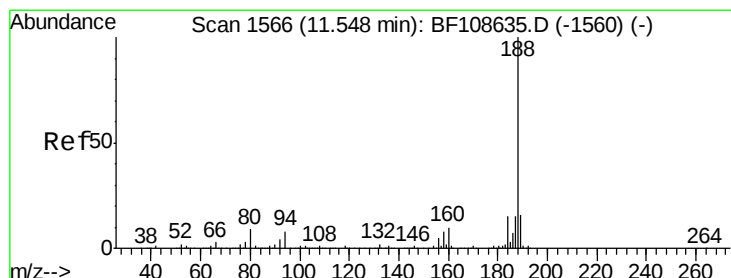
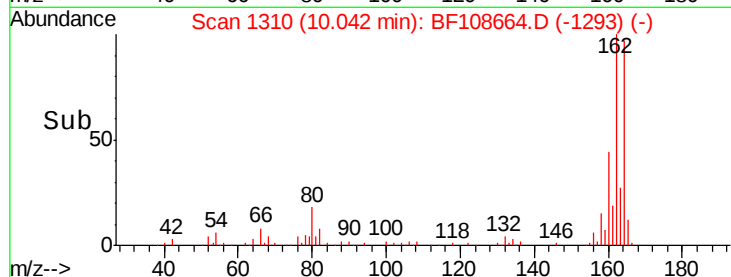
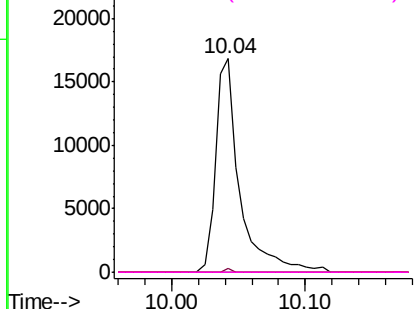
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

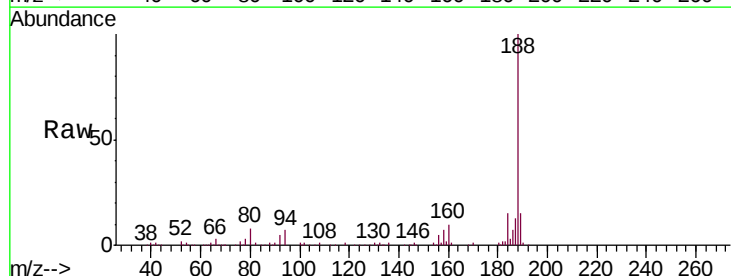
Ion 89.00 (88.70 to 89.70): BF1

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: BF108664.D
 Acq: 31 Aug 2018 2:10

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.4	8.5	12.7#
80	8.4	9.2	13.8#

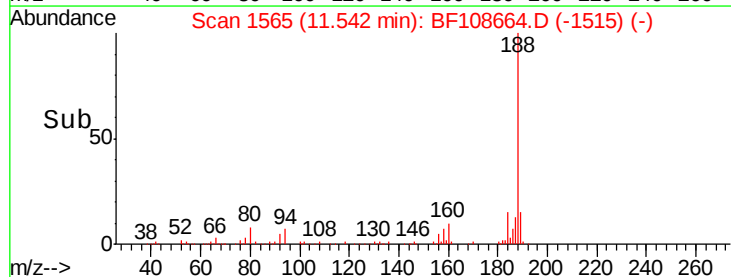
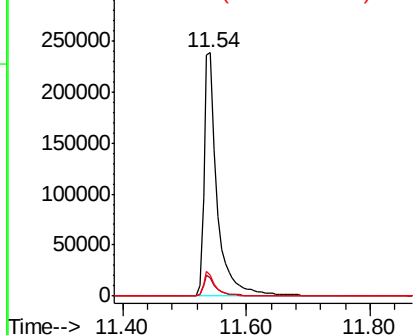


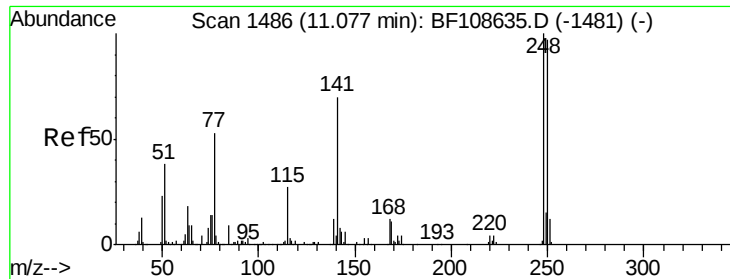
Abundance

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

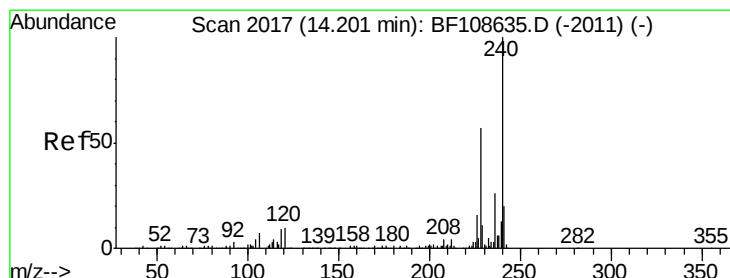
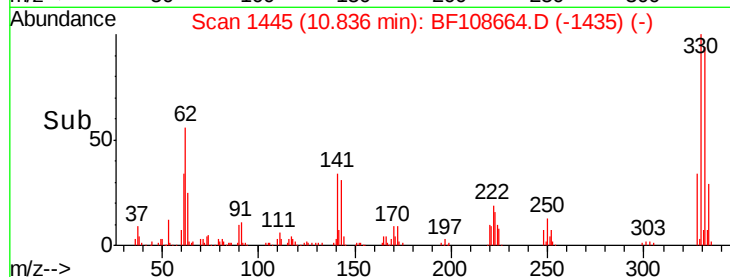
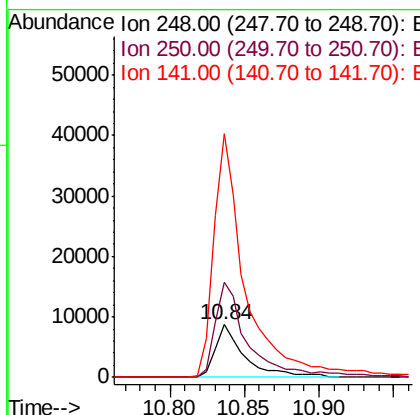
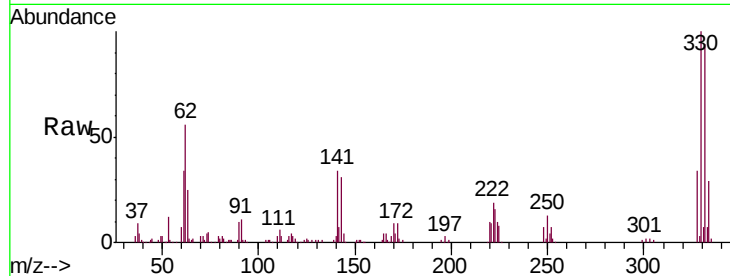




#66
 4-Bromophenyl-phenylether
 Concen: 2.735 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.24 min
 Lab File: BF108664.D
 Acq: 31 Aug 2018 2:10

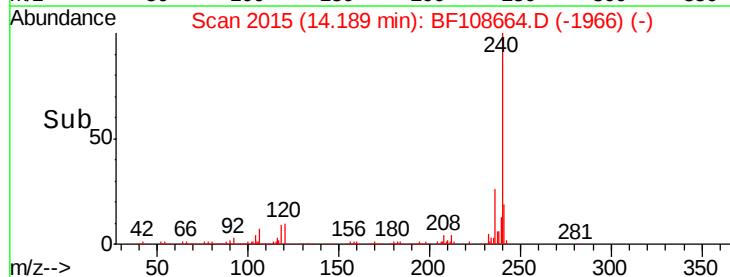
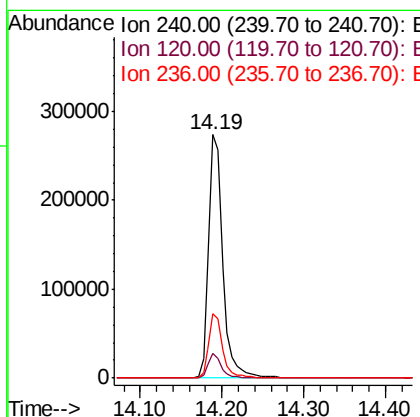
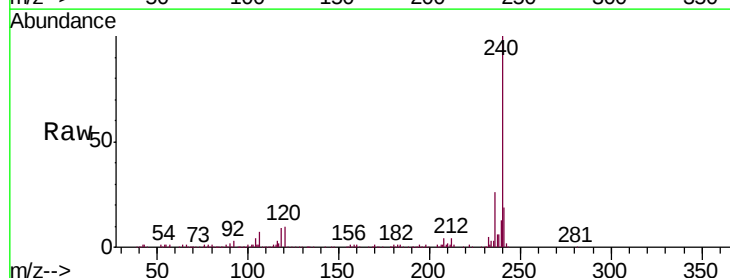
Instrument :
 BNA_F
 ClientSampleId :
 082818-SIDI-F-U-S

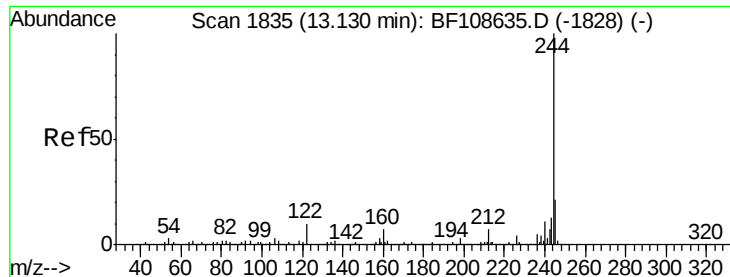
Tgt Ion:248 Resp: 11928
 Ion Ratio Lower Upper
 248 100
 250 180.4 76.9 115.3#
 141 462.4 74.4 111.6#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.19 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF108664.D
 Acq: 31 Aug 2018 2:10

Tgt Ion:240 Resp: 328177
 Ion Ratio Lower Upper
 240 100
 120 10.1 9.5 14.3
 236 26.4 20.7 31.1





#78

Terphenyl-d14

Concen: 74.523 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108664.D

Acq: 31 Aug 2018 2:10

Instrument :

BNA_F

ClientSampleId :

082818-SIDI-F-U-S

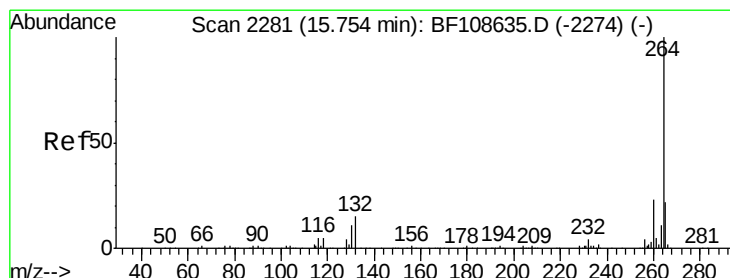
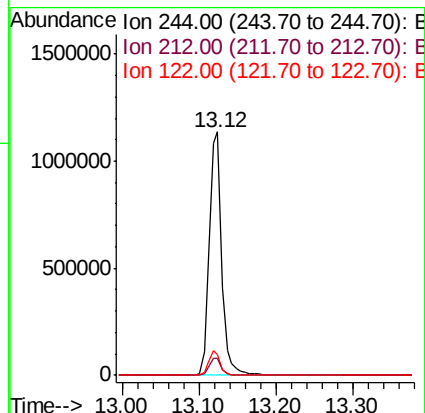
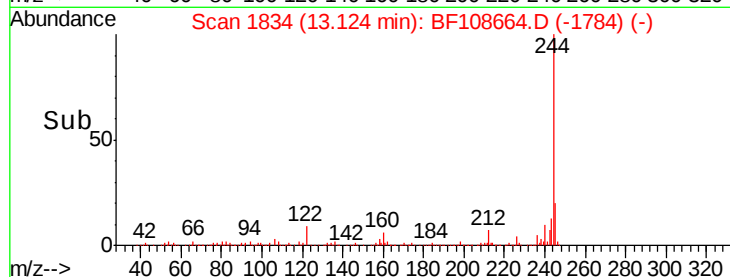
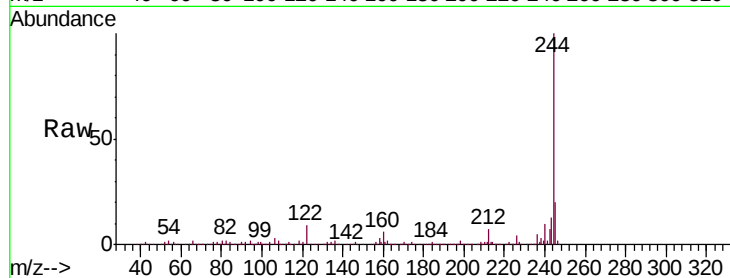
Tgt Ion:244 Resp: 1258748

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

122 8.6 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: BF108664.D

Acq: 31 Aug 2018 2:10

Tgt Ion:264 Resp: 268532

Ion Ratio Lower Upper

264 100

260 25.3 19.2 28.8

265 21.4 17.5 26.3

