

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082818\
 Data File : BF108582.D
 Acq On : 29 Aug 2018 3:49
 Operator : JU/SJ
 Sample : J4656-05
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 082418-SIDI-F-U-M

Quant Time: Aug 29 05:38:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

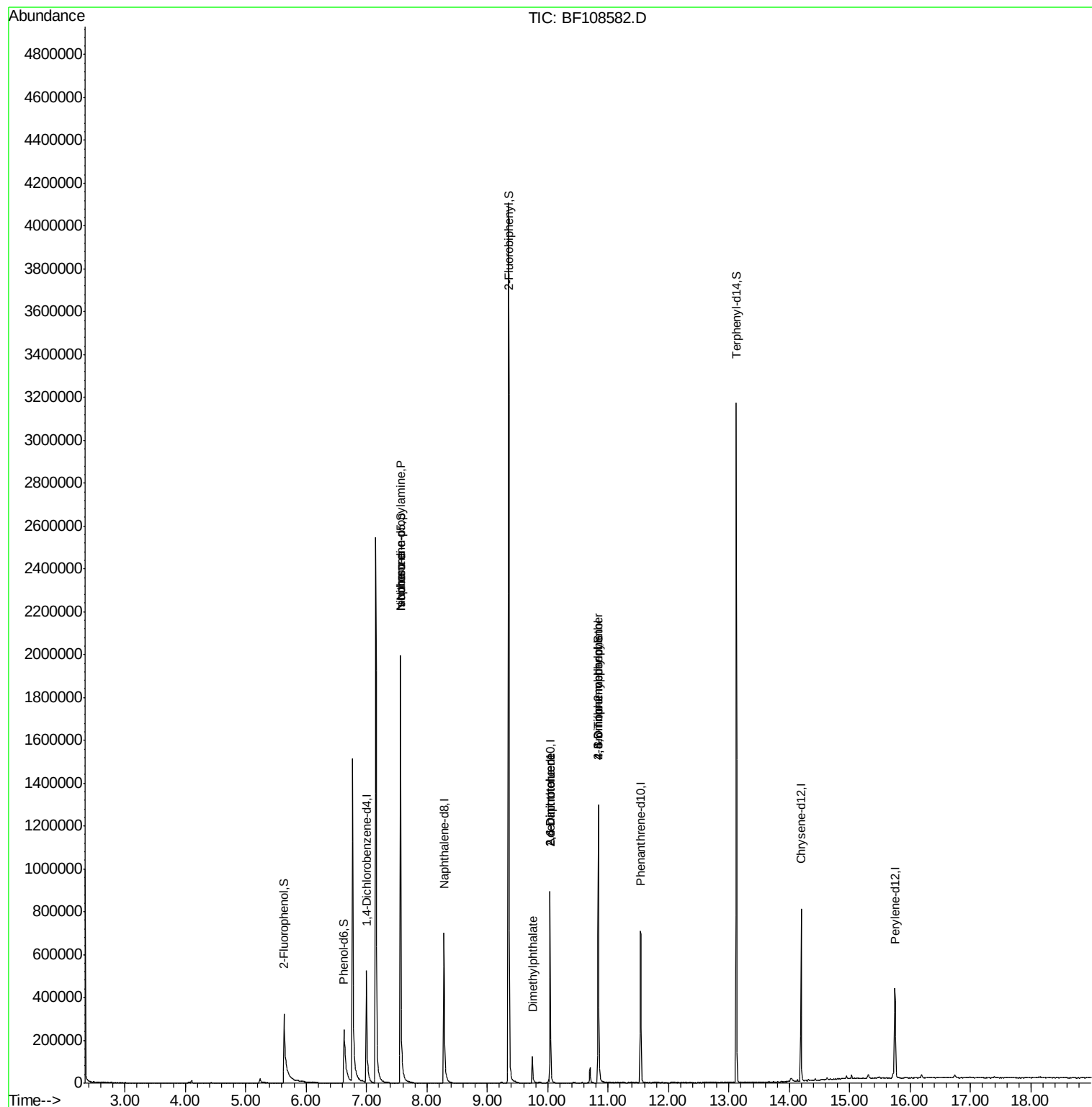
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	111635	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	417553	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	188581	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	303666	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	279974	20.00	ng	0.00
86) Perylene-d12	15.75	264	220053	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	241828	39.22	ng	0.00
7) Phenol-d6	6.63	99	201062	24.54	ng	0.00
23) Nitrobenzene-d5	7.57	82	775821	103.68	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	173775	92.38	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1410134	120.05	ng	-0.01
78) Terphenyl-d14	13.12	244	1059213	96.19	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.57	70	102396	18.480	ng	# 81
25) Isophorone	7.57	82	775815	54.395	ng	# 64
49) Dimethylphthalate	9.75	163	72464	5.516	ng	# 98
50) 2,6-Dinitrotoluene	10.04	165	23678	8.615	ng	# 25
56) 2,4-Dinitrotoluene	10.04	165	23678	6.693	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.84	198	349	5.631	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	10951	3.318	ng	# 1

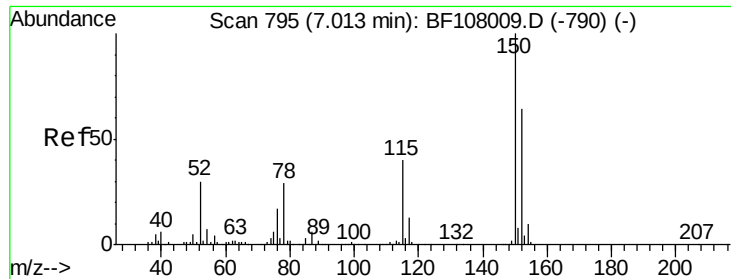
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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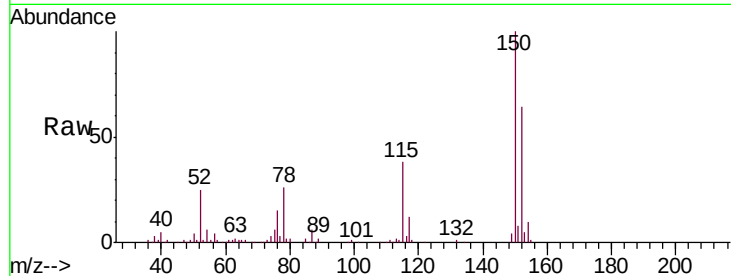


#1

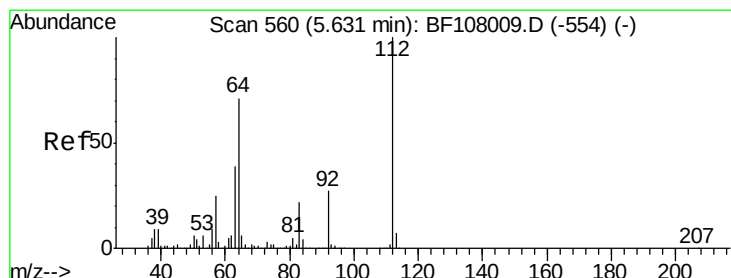
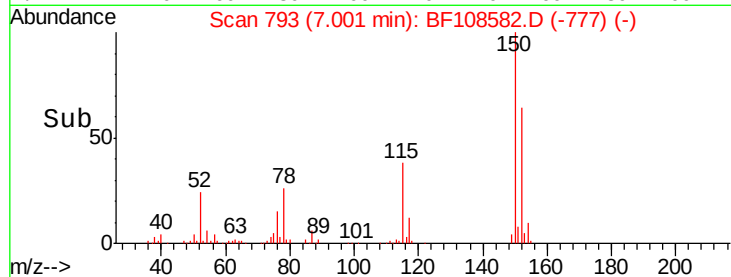
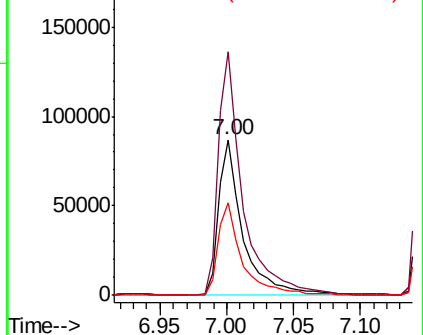
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108582.D
Acq: 29 Aug 2018 3:49

Instrument :
BNA_F
ClientSampleId :
082418-SIDI-F-U-M

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.6	186.8
115	59.5	50.1	75.1



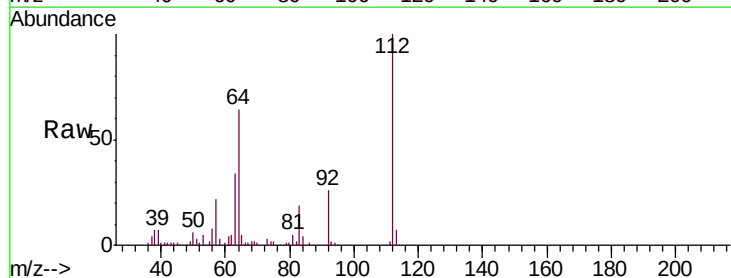
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



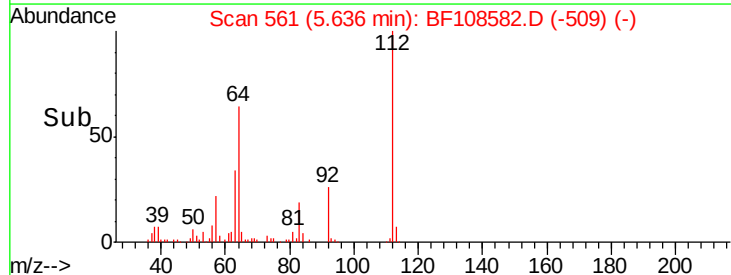
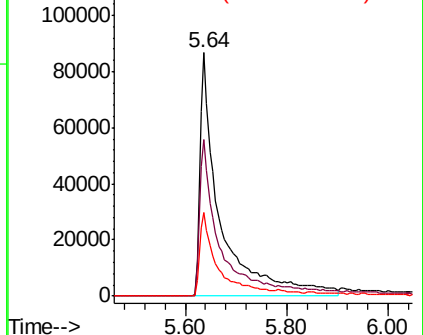
#5

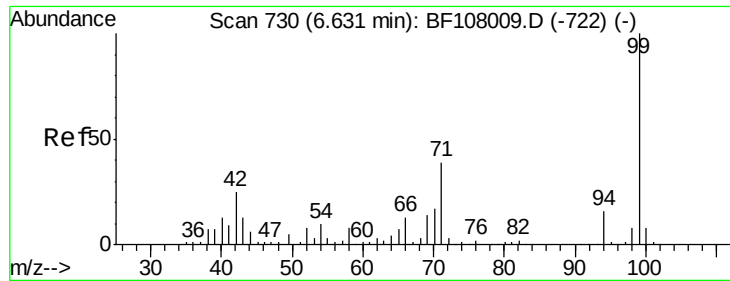
2-Fluorophenol
Concen: 39.219 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108582.D
Acq: 29 Aug 2018 3:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.1	47.9	71.9
63	34.5	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: 24.538 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF108582.D

Acq: 29 Aug 2018 3:49

Instrument :

BNA_F

ClientSampleId :

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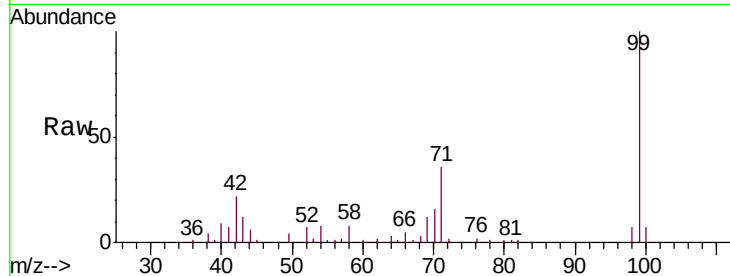
Tgt Ion: 99 Resp: 201062

Ion Ratio Lower Upper

99 100

42 22.0 14.5 21.7#

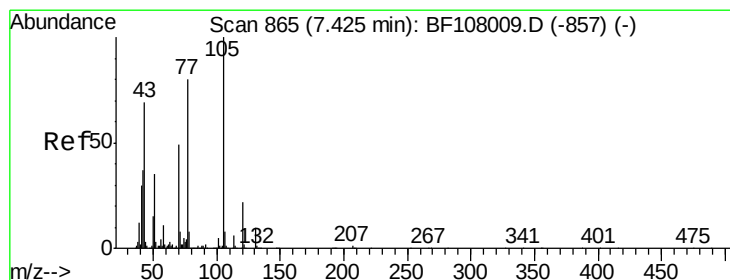
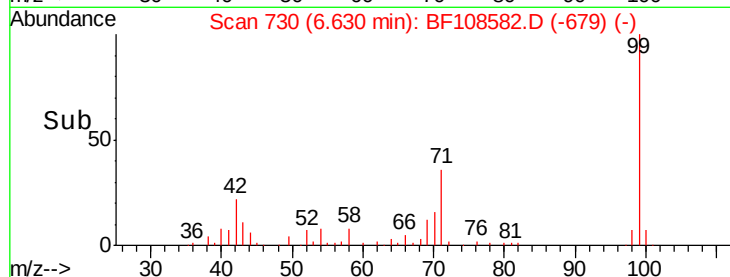
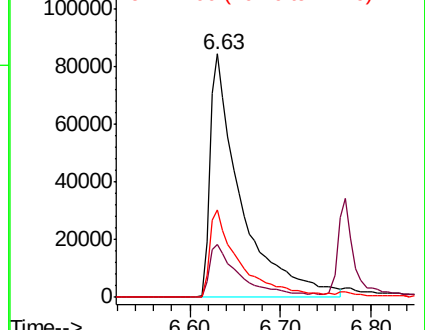
71 35.8 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 18.480 ng

RT: 7.57 min Scan# 889

Delta R.T. 0.15 min

Lab File: BF108582.D

Acq: 29 Aug 2018 3:49

Tgt Ion: 70 Resp: 102396

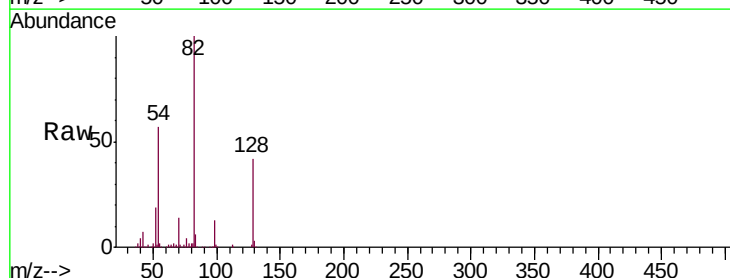
Ion Ratio Lower Upper

70 100

42 51.7 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

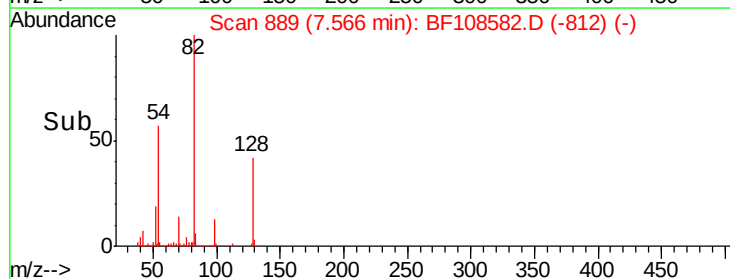
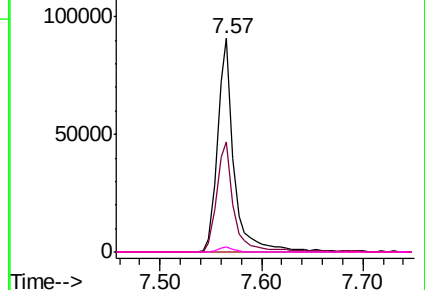


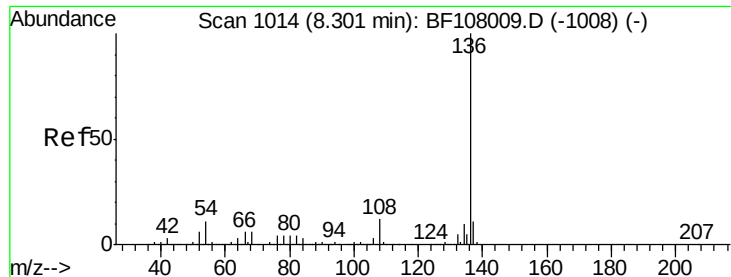
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

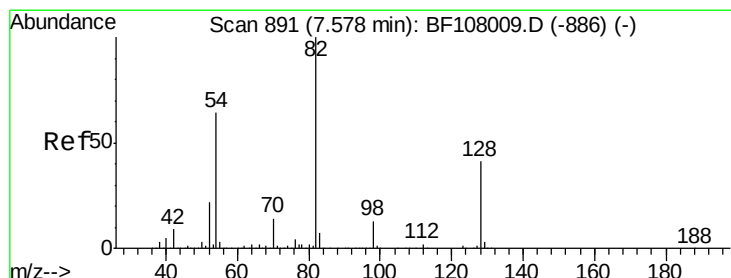
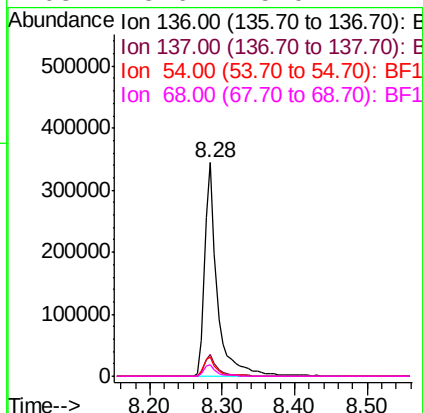
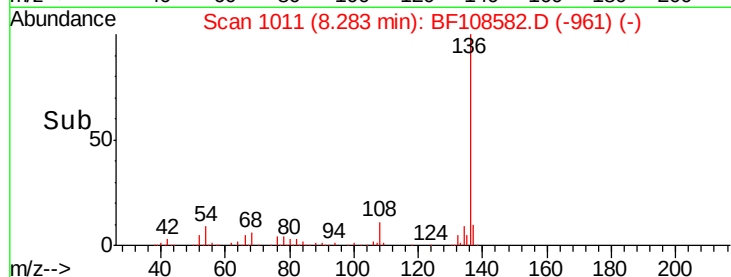
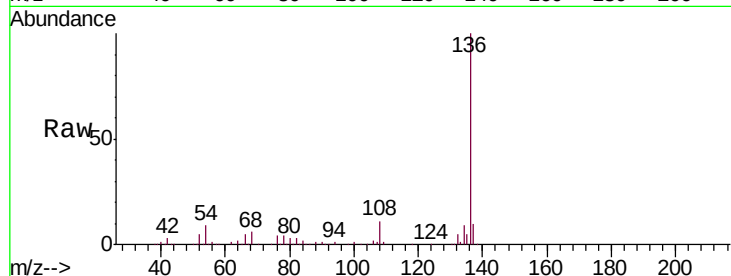




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108582.D
Acq: 29 Aug 2018 3:49

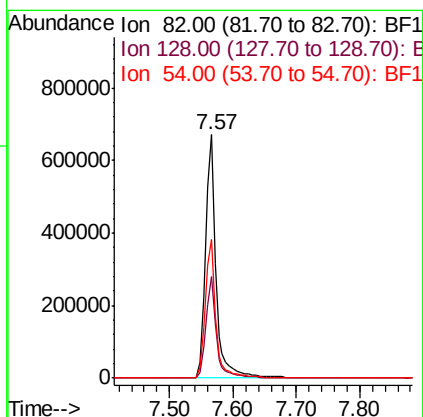
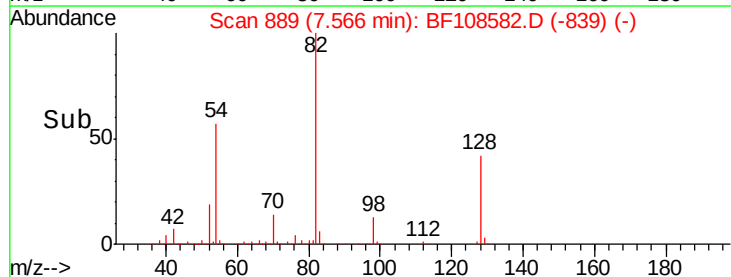
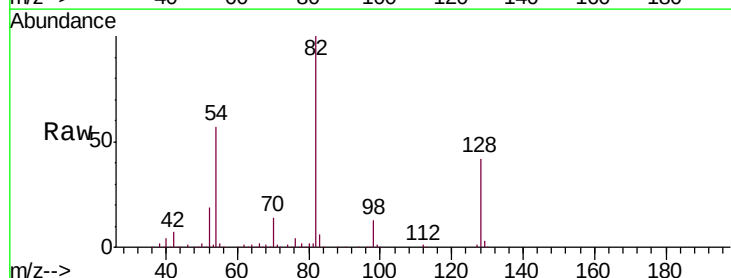
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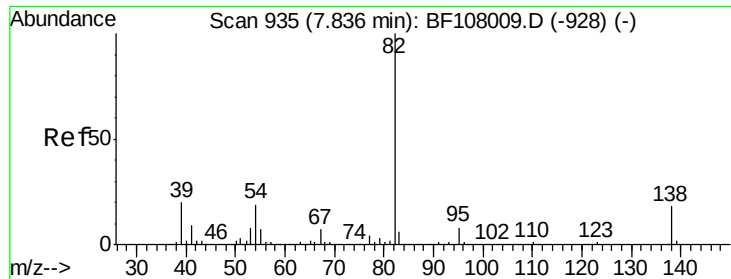
Tgt Ion:	136	Resp:	417553
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	8.8	6.6	9.8
68	5.6	5.0	7.4



#23
Nitrobenzene-d5
Concen: 103.680 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108582.D
Acq: 29 Aug 2018 3:49

Tgt Ion:	82	Resp:	775821
Ion	Ratio	Lower	Upper
82	100		
128	41.5	36.1	54.1
54	56.9	41.4	62.2

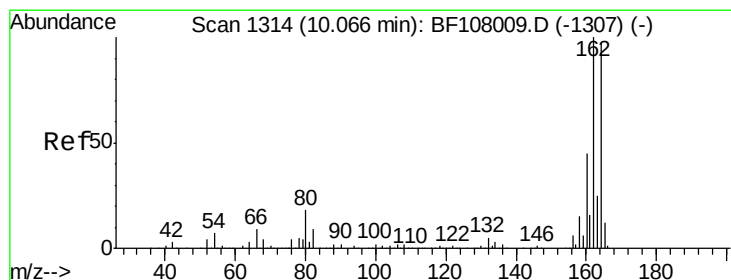
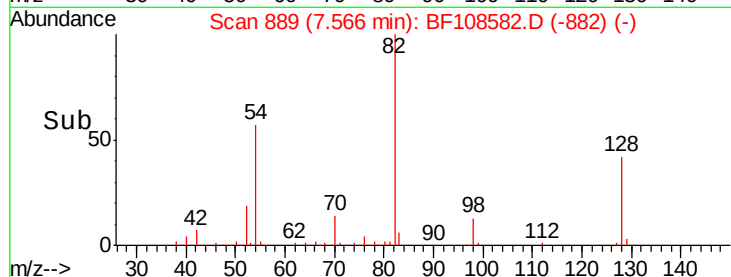
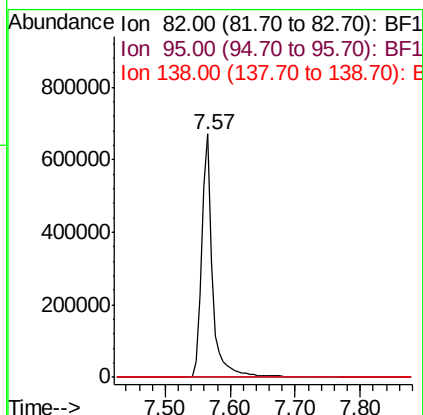
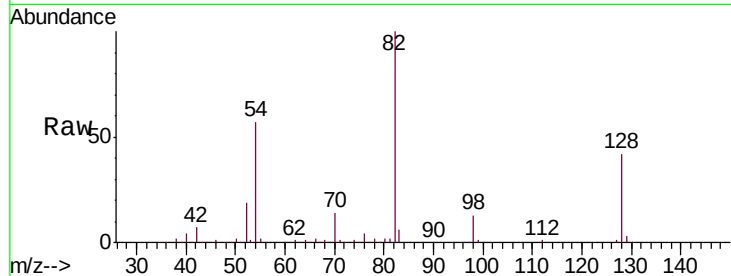




#25
Isophorone
Concen: 54.395 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.26 min
Lab File: BF108582.D
Acq: 29 Aug 2018 3:49

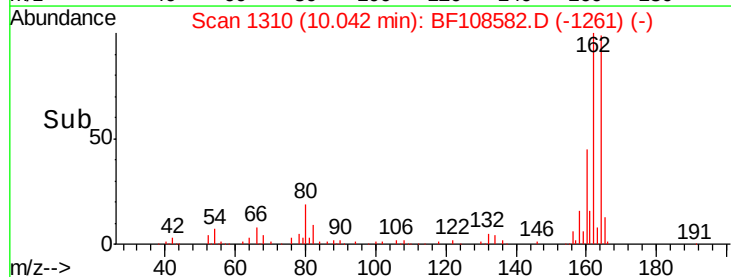
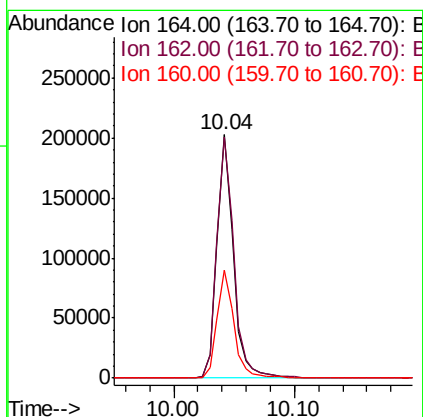
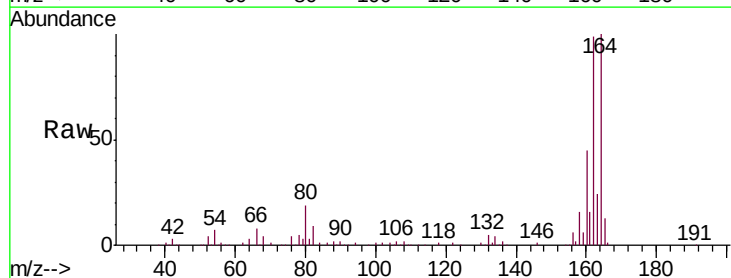
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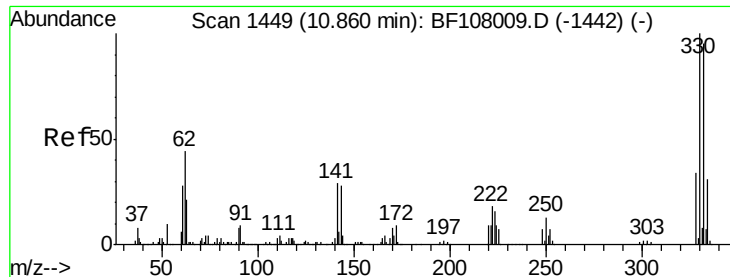
Tgt Ion: 82 Resp: 775815
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108582.D
Acq: 29 Aug 2018 3:49

Tgt Ion: 164 Resp: 188581
Ion Ratio Lower Upper
164 100
162 99.1 86.1 129.1
160 44.6 38.3 57.5

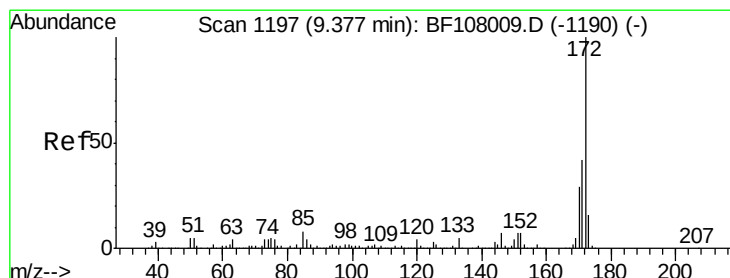
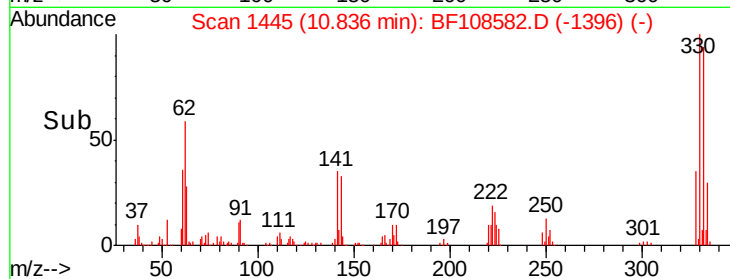
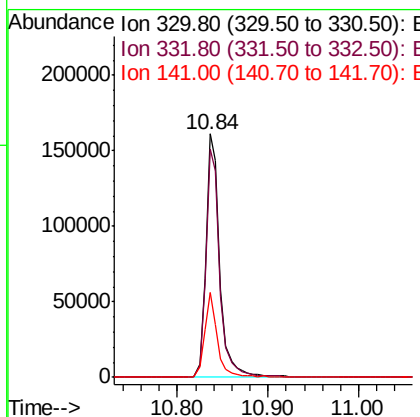
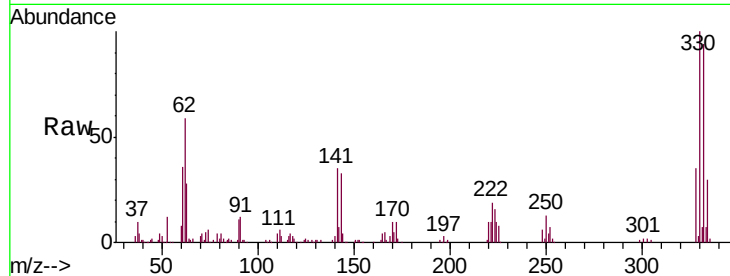




#41
 2,4,6-Tribromophenol
 Concen: 92.382 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108582.D
 Acq: 29 Aug 2018 3:49

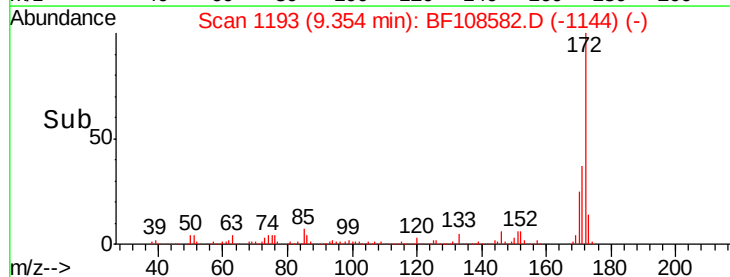
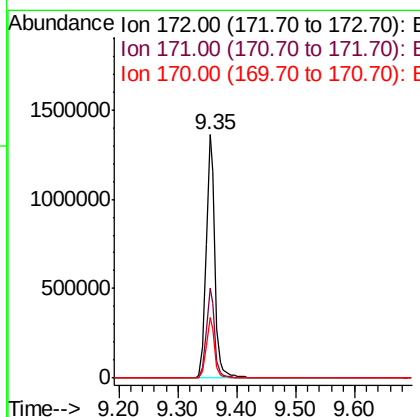
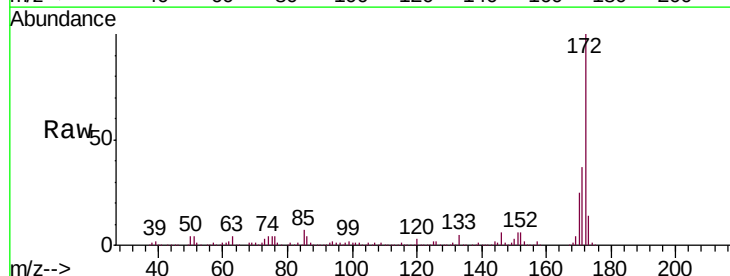
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 BNA_F
 ClientSampleId :
 082418-SIDI-F-U-M

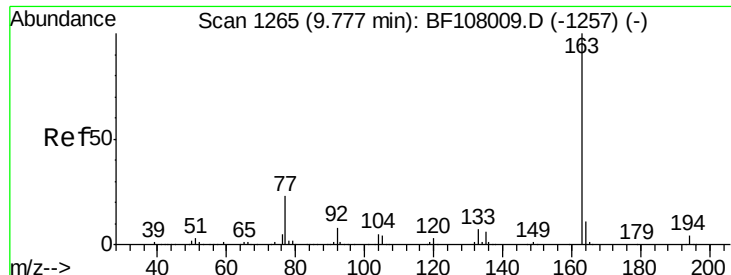
Tgt Ion:330 Resp: 173775
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.0 115.6
 141 32.1 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 120.051 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108582.D
 Acq: 29 Aug 2018 3:49

Tgt Ion:172 Resp: 1410134
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.7 44.5
 170 24.7 19.6 29.4

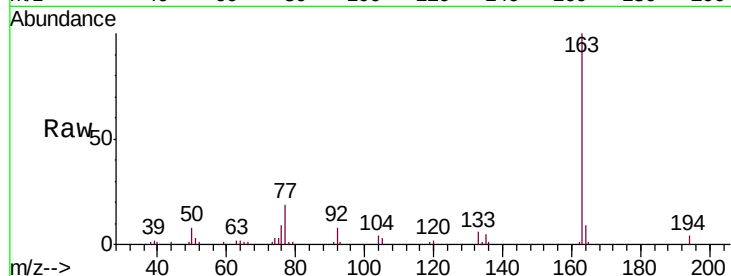




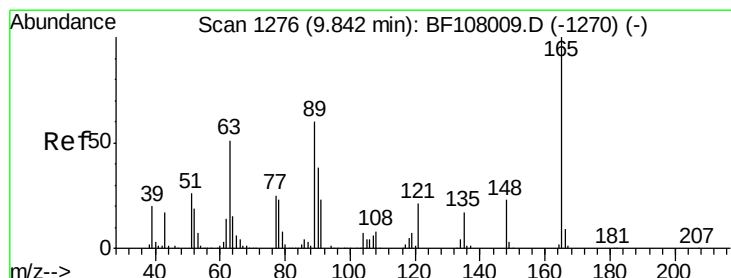
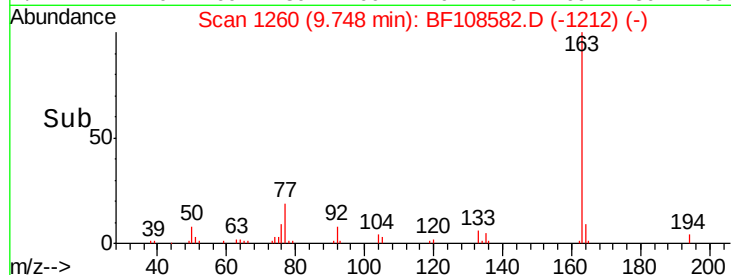
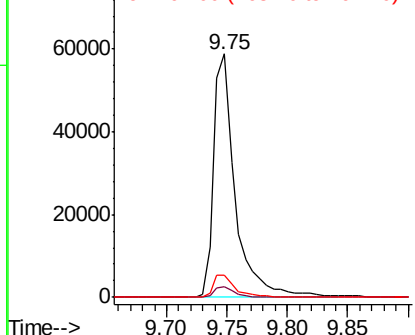
#49
Dimethylphthalate
Concen: 5.516 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108582.D
Acq: 29 Aug 2018 3:49

Instrument :
BNA_F
ClientSampleId :
082418-SIDI-F-U-M

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	9.4	8.2	12.2

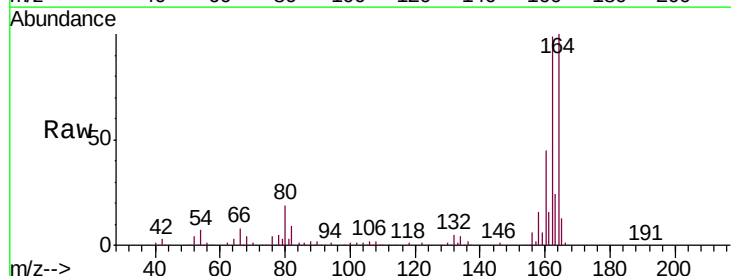


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

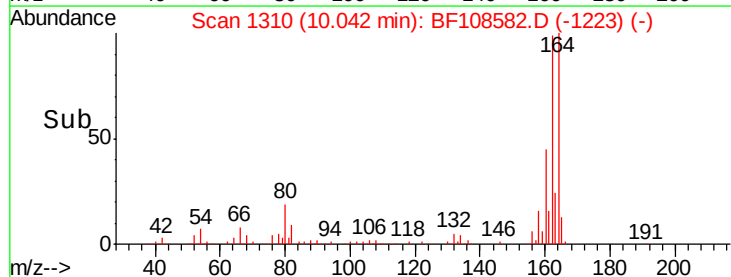
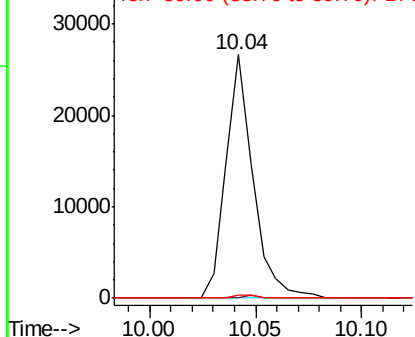


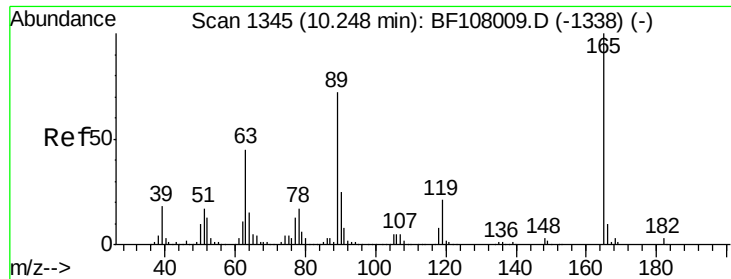
#50
2,6-Dinitrotoluene
Concen: 8.615 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.21 min
Lab File: BF108582.D
Acq: 29 Aug 2018 3:49

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.4	44.0	66.0#



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

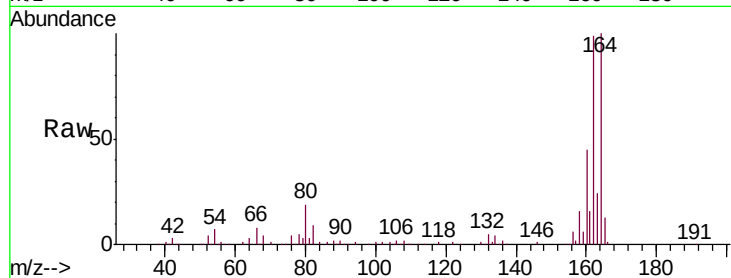




#56
 2,4-Dinitrotoluene
 Concen: 6.693 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.19 min
 Lab File: BF108582.D
 Acq: 29 Aug 2018 3:49

Instrument :
 BNA_F
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 082418-SIDI-F-U-M

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



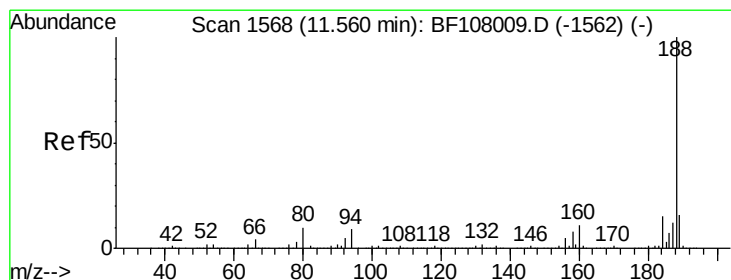
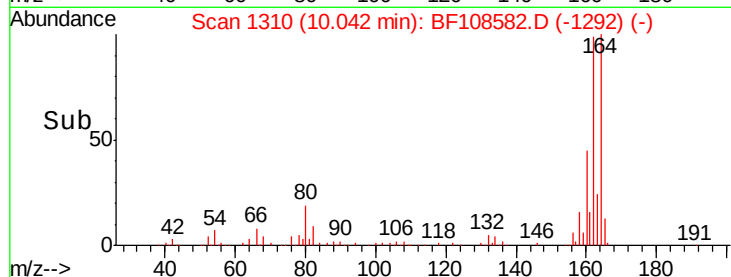
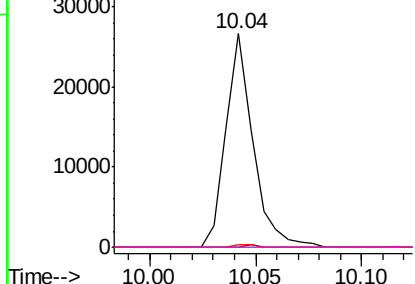
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

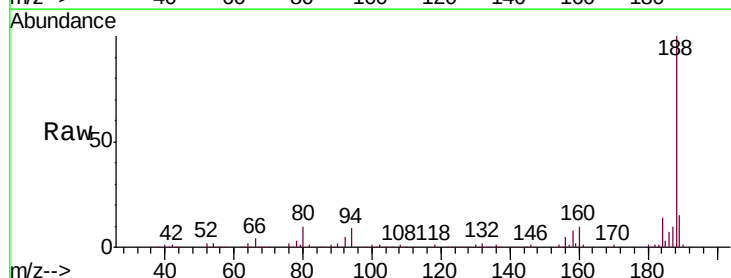
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF108582.D
 Acq: 29 Aug 2018 3:49

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	10.1	9.2	13.8

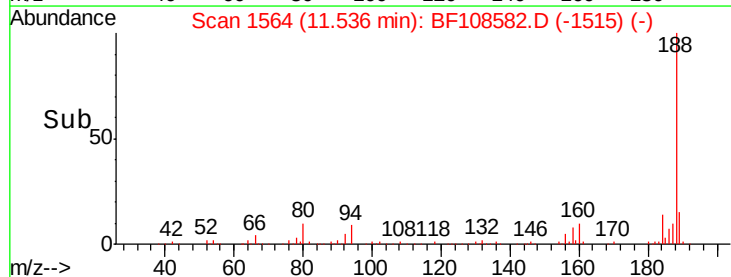
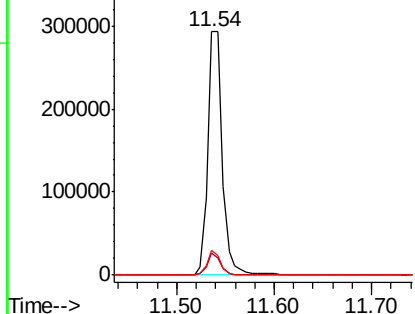


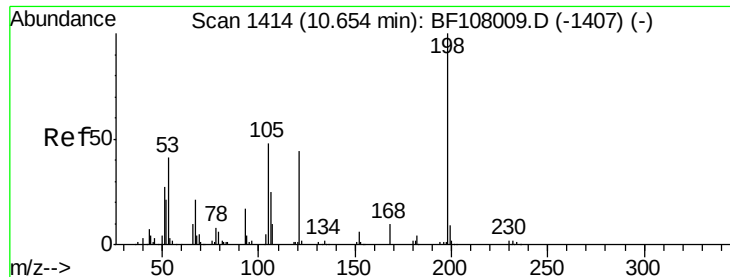
Abundance

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

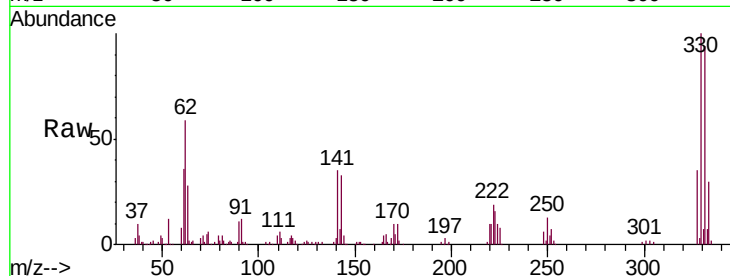




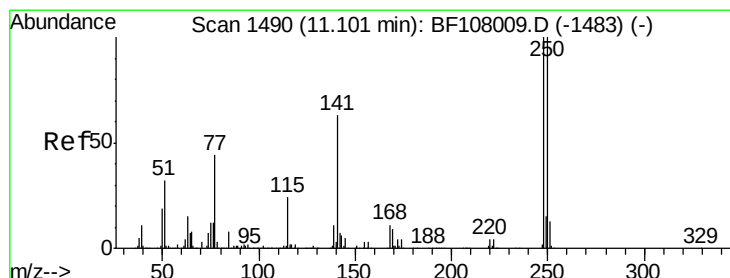
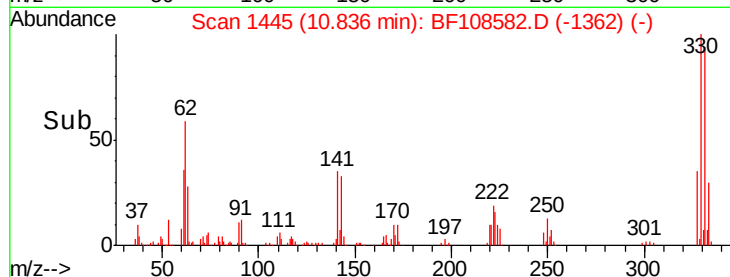
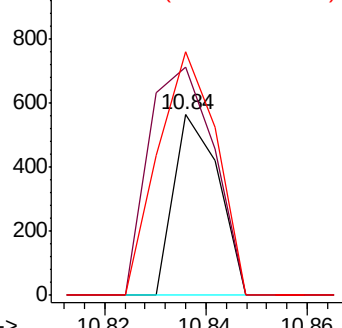
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.631 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. 0.19 min
 Lab File: BF108582.D
 Acq: 29 Aug 2018 3:49

Instrument :
 BNA_F
 ClientSampleId :
 082418-SIDI-F-U-M

Tgt Ion:198 Resp: 349
 Ion Ratio Lower Upper
 198 100
 51 126.2 37.7 77.7#
 105 134.7 36.3 76.3#

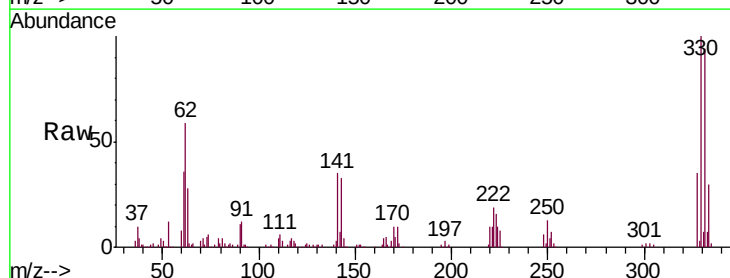


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

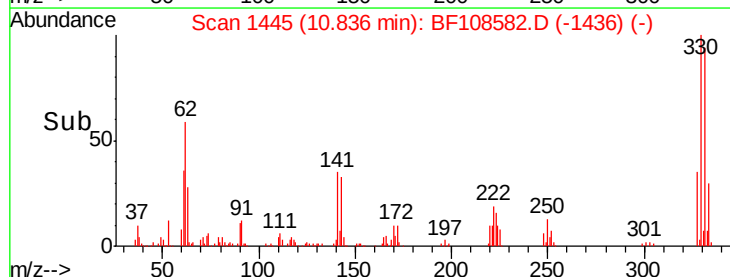
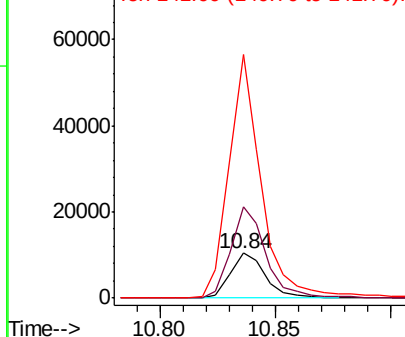


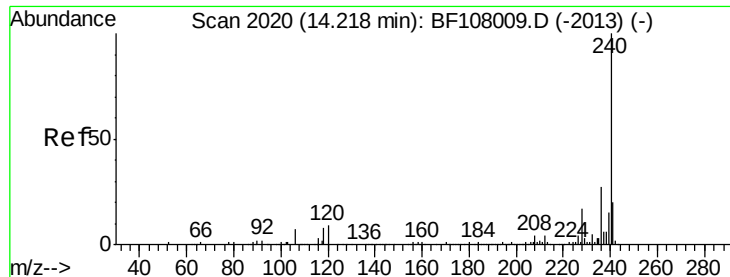
#66
 4-Bromophenyl-phenylether
 Concen: 3.318 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.25 min
 Lab File: BF108582.D
 Acq: 29 Aug 2018 3:49

Tgt Ion:248 Resp: 10951
 Ion Ratio Lower Upper
 248 100
 250 204.4 76.9 115.3#
 141 542.3 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# 2016

Delta R.T. -0.01 min

Lab File: BF108582.D

Acq: 29 Aug 2018 3:49

Instrument :

BNA_F

ClientSampleId :

082418-SIDI-F-U-M

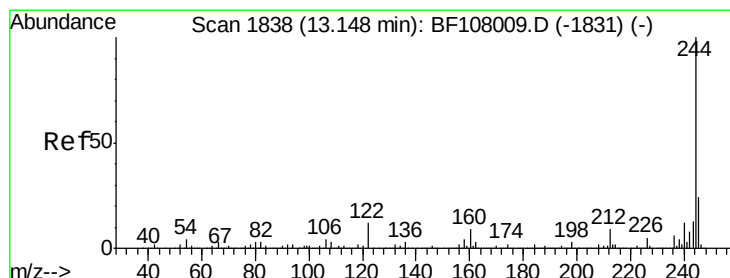
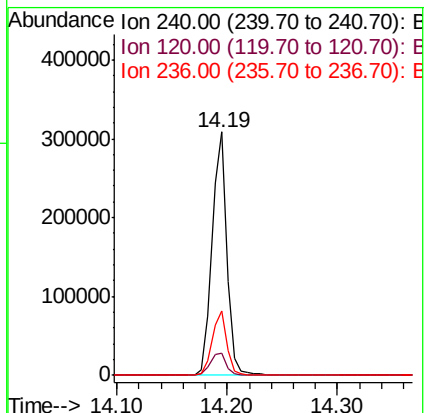
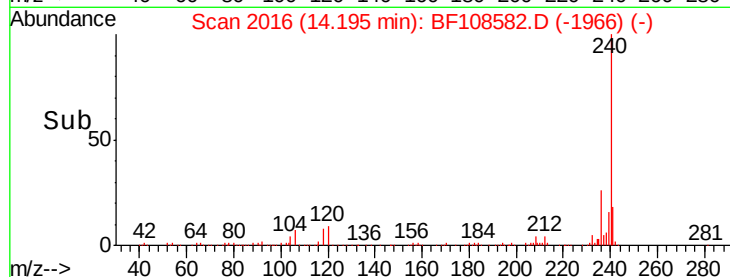
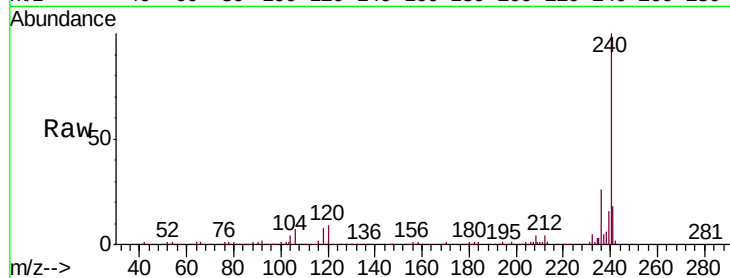
Tgt Ion:240 Resp: 279974

Ion Ratio Lower Upper

240 100

120 9.0 9.5 14.3#

236 26.2 20.7 31.1



#78

Terphenyl-d14

Concen: 96.192 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108582.D

Acq: 29 Aug 2018 3:49

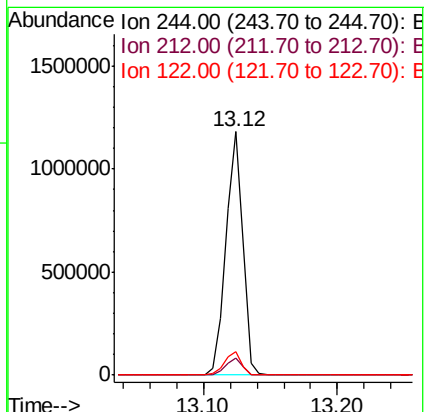
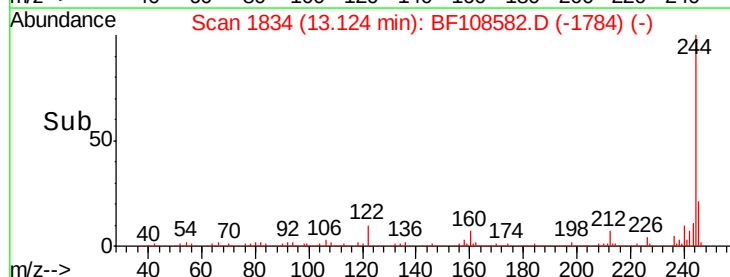
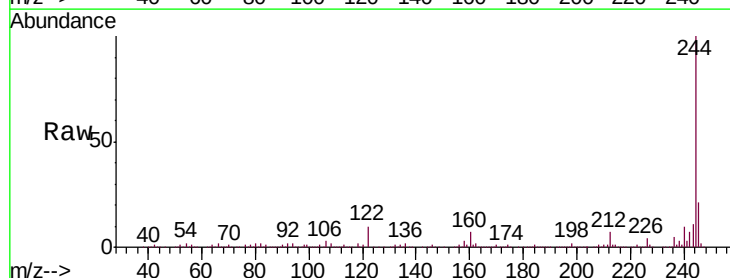
Tgt Ion:244 Resp: 1059213

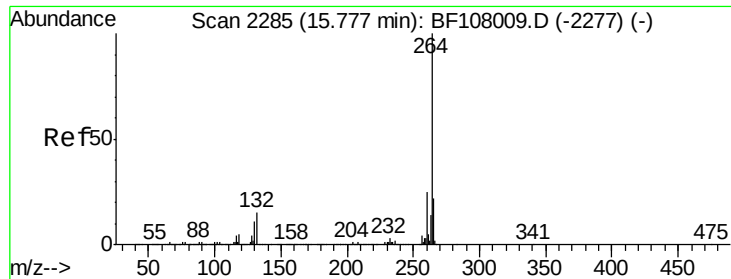
Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

122 9.6 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: BF108582.D
Acq: 29 Aug 2018 3:49

Instrument :
BNA_F
ClientSampleId :
082418-SIDI-F-U-M

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.1	17.5	26.3

