

Data File : BF108919.D
Acq On : 11 Sep 2018 3:31
Operator : JU/SJ
Sample : J4830-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
090618-SIDI-F-U-M

Quant Time: Sep 11 04:51:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

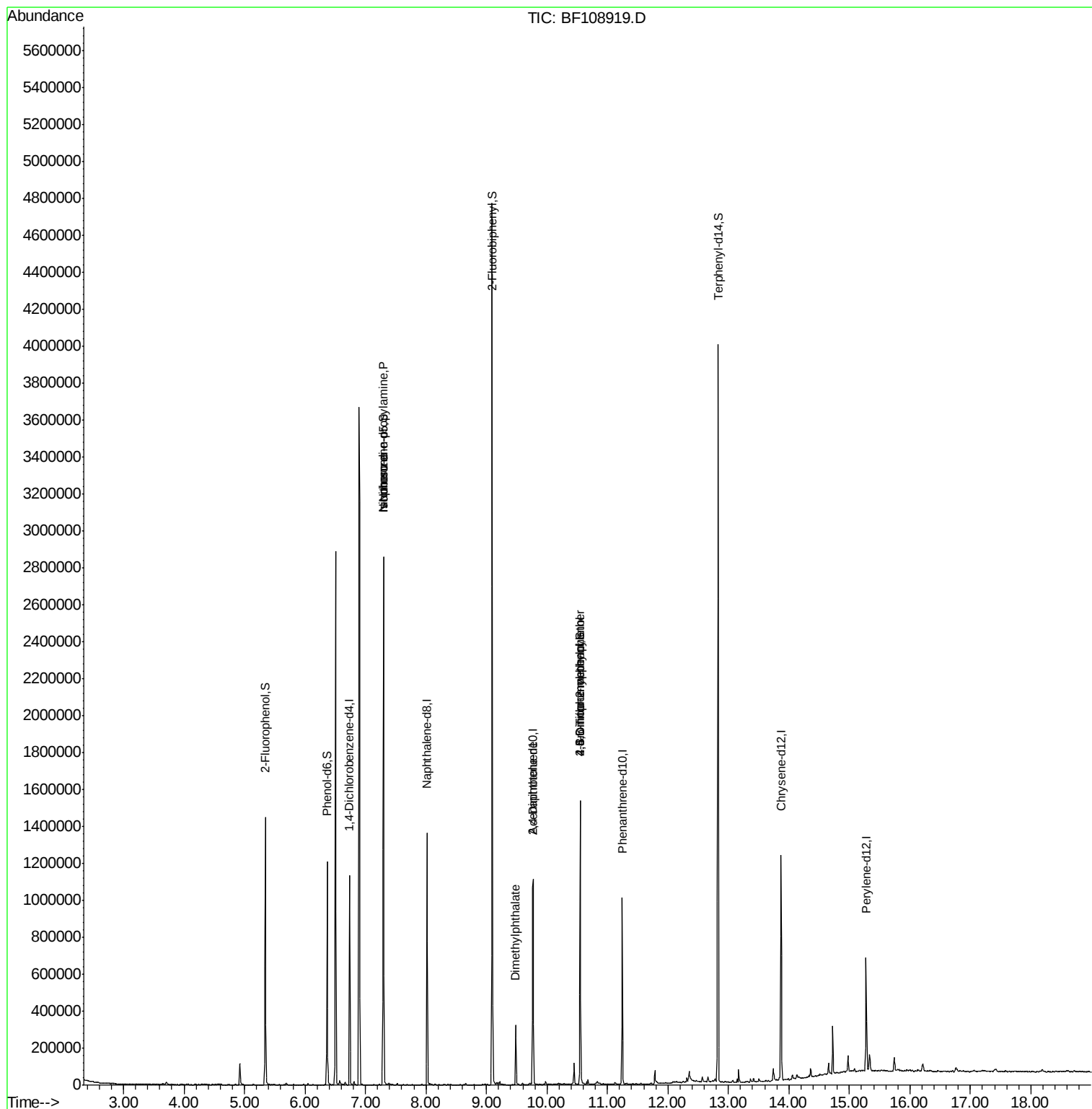
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	157875	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	548962	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	218924	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	363002	20.00	ng	0.00
75) Chrysene-d12	13.87	240	379014	20.00	ng	0.00
86) Perylene-d12	15.28	264	263105	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	418969	43.96	ng	0.00
7) Phenol-d6	6.37	99	342302	27.92	ng	0.00
23) Nitrobenzene-d5	7.30	82	949150	108.20	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	189086	90.47	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1523517	118.72	ng	0.00
78) Terphenyl-d14	12.83	244	1309160	80.55	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	125849	14.766	ng	# 77
25) Isophorone	7.30	82	943942	53.948	ng	# 64
49) Dimethylphthalate	9.48	163	125575	8.201	ng	# 99
56) 2,4-Dinitrotoluene	9.77	165	27728	7.431	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	323	7.062	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	11837	2.887	ng	# 1

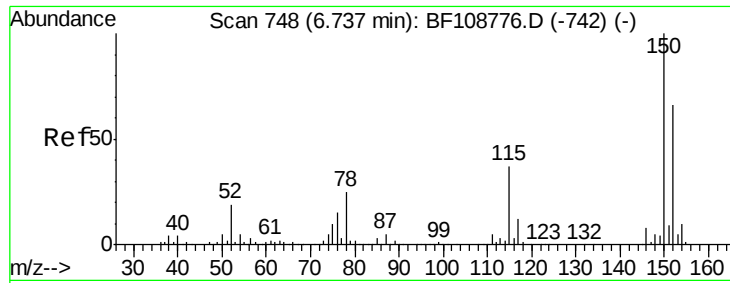
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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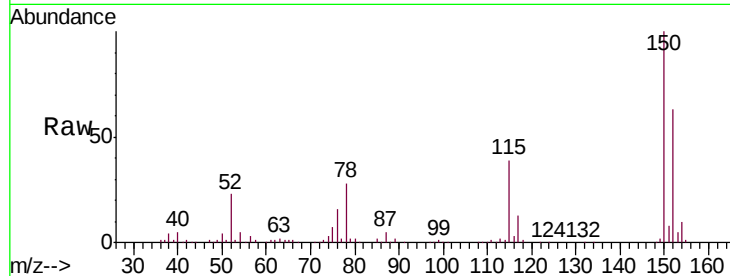




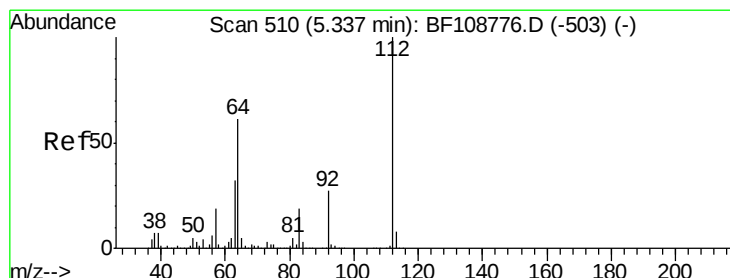
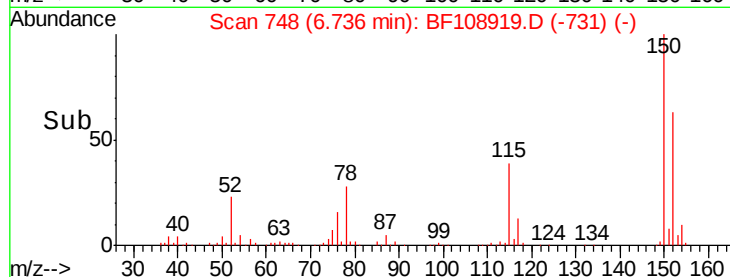
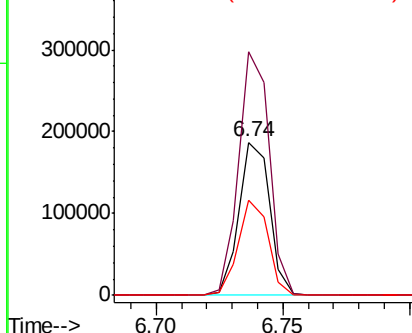
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF108919.D
 Acq: 11 Sep 2018 3:31

Instrument :
 BNA_F
 ClientSampleId :
 090618-SIDI-F-U-M

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.6	186.8
115	62.5	50.1	75.1

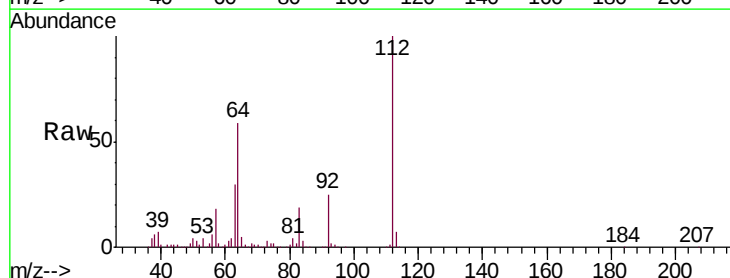


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

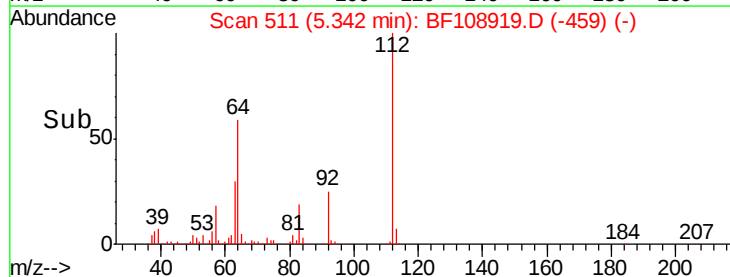
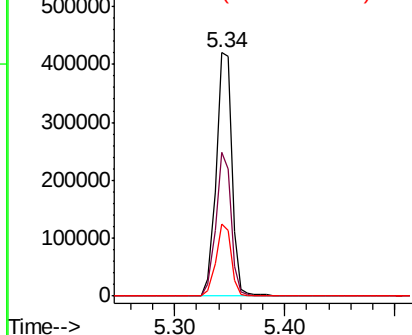


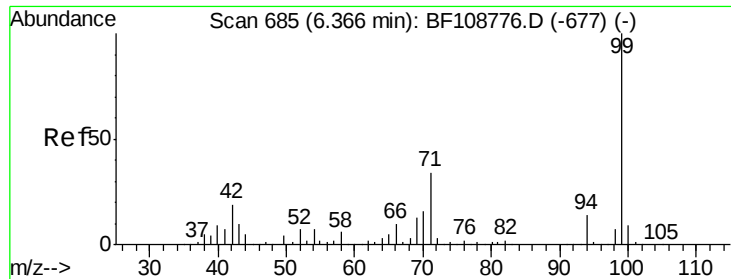
#5
 2-Fluorophenol
 Concen: 43.965 ng
 RT: 5.34 min Scan# 511
 Delta R.T. 0.01 min
 Lab File: BF108919.D
 Acq: 11 Sep 2018 3:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.2	47.9	71.9
63	29.7	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: 27.917 ng

RT: 6.37 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF108919.D

Acq: 11 Sep 2018 3:31

Instrument :

BNA_F

ClientSampleId :

090618-SIDI-F-U-M

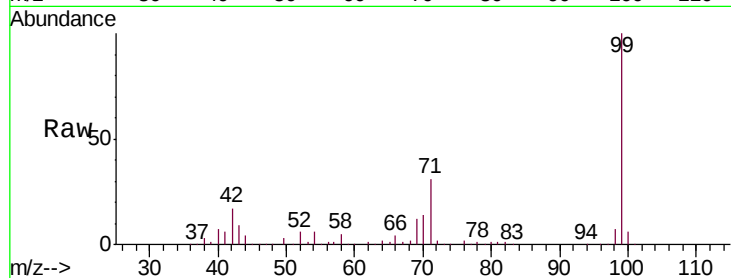
Tgt Ion: 99 Resp: 342302

Ion Ratio Lower Upper

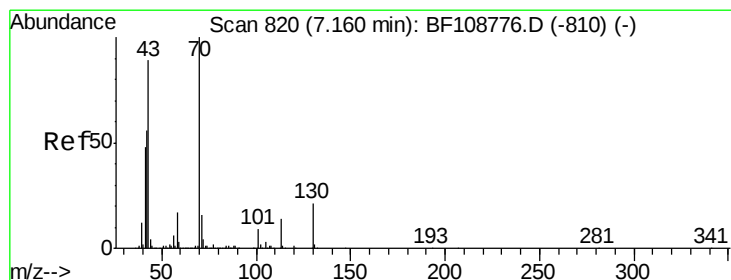
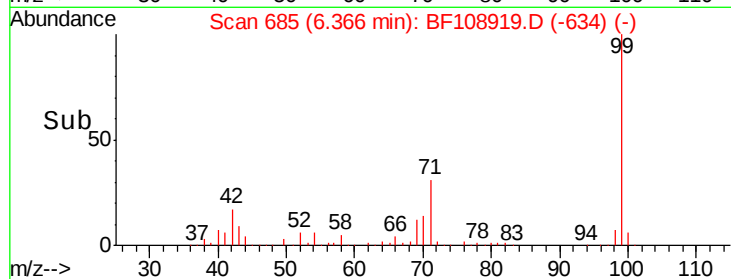
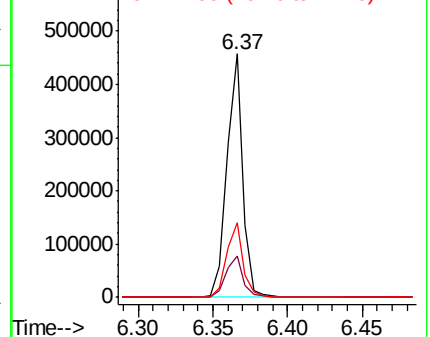
99 100

42 17.0 14.5 21.7

71 30.9 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: 14.766 ng

RT: 7.30 min Scan# 844

Delta R.T. 0.14 min

Lab File: BF108919.D

Acq: 11 Sep 2018 3:31

Tgt Ion: 70 Resp: 125849

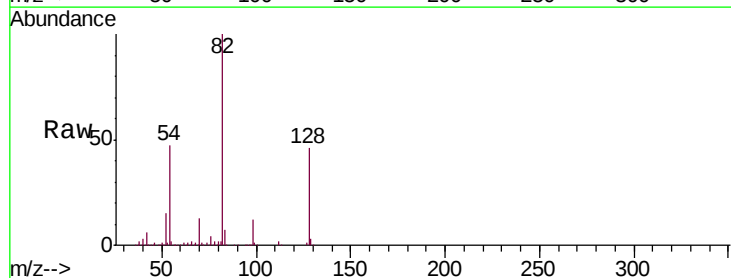
Ion Ratio Lower Upper

70 100

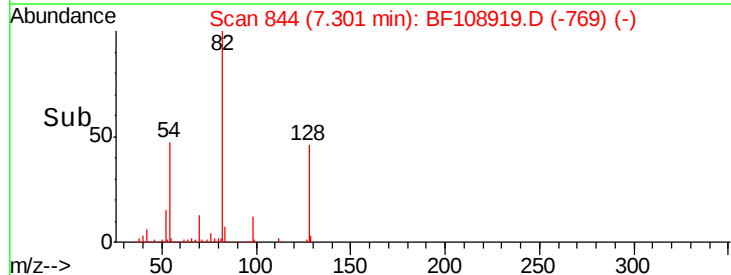
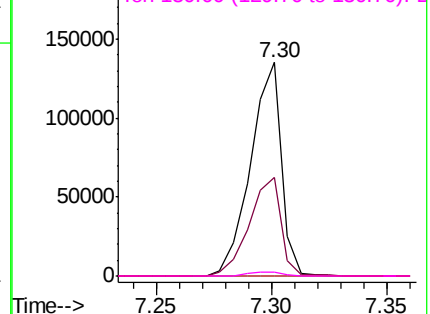
42 46.4 47.5 71.3#

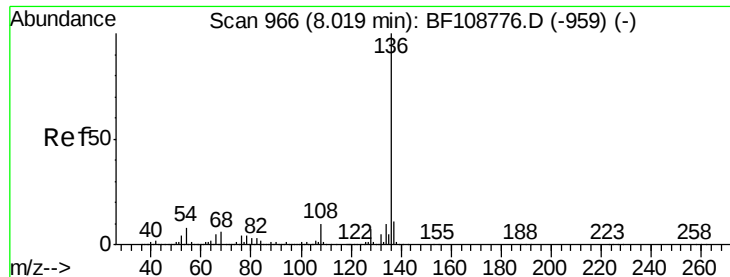
101 0.0 7.4 11.2#

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

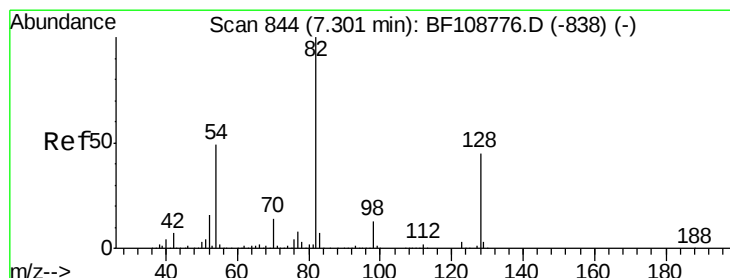
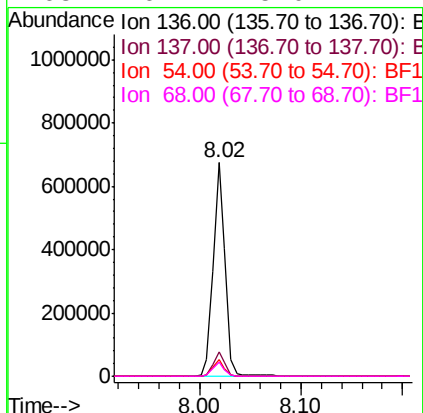
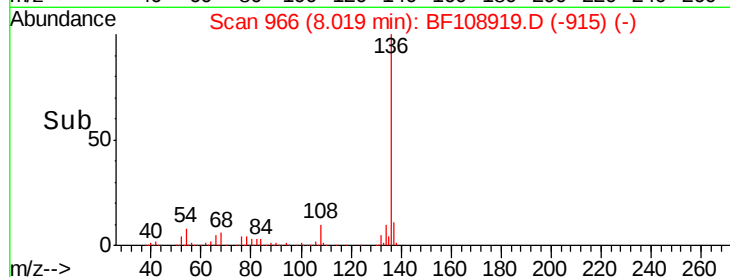
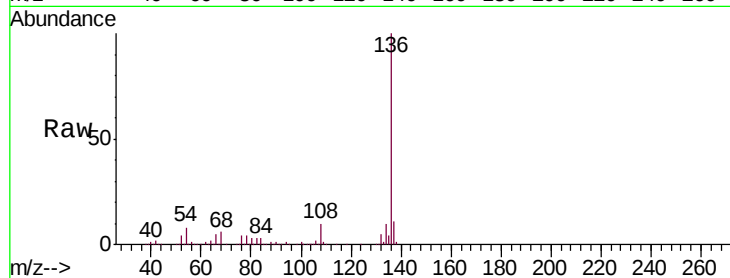




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108919.D
Acq: 11 Sep 2018 3:31

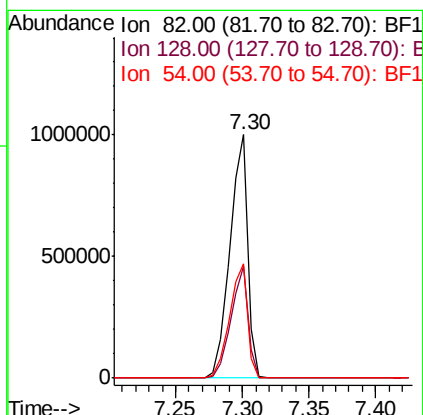
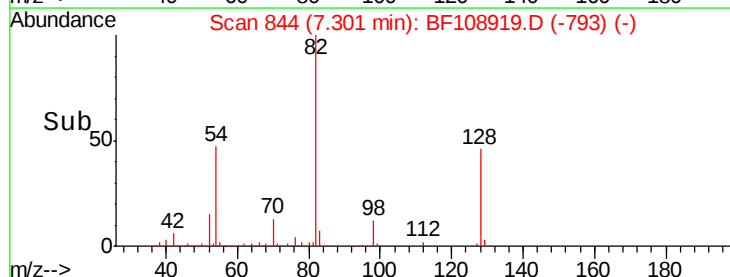
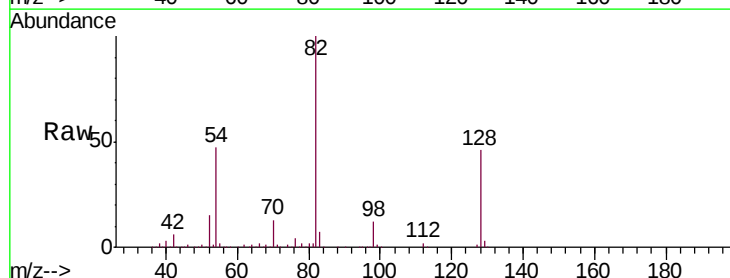
Instrument :
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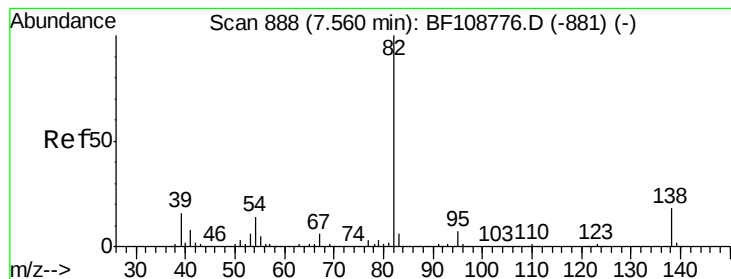
Tgt Ion:	136	Resp:	548962
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.8	6.6	9.8
68	6.4	5.0	7.4



#23
Nitrobenzene-d5
Concen: 108.202 ng
RT: 7.30 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF108919.D
Acq: 11 Sep 2018 3:31

Tgt Ion:	82	Resp:	949150
Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	47.0	41.4	62.2





#25

Isophorone

Concen: 53.948 ng

RT: 7.30 min Scan# 844

Delta R.T. -0.26 min

Lab File: BF108919.D

Acq: 11 Sep 2018 3:31

Instrument :

BNA_F

ClientSampleId :

090618-SIDI-F-U-M

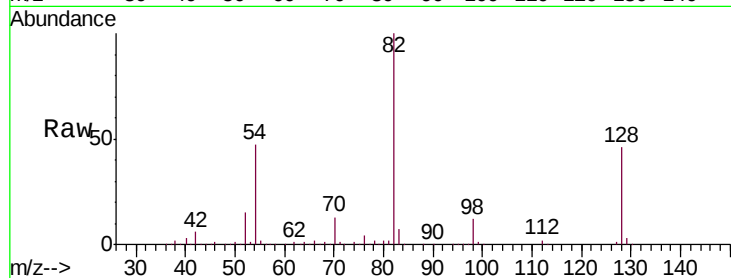
Tgt Ion: 82 Resp: 943942

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

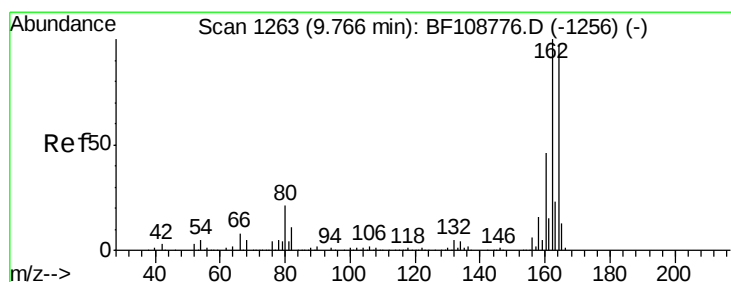
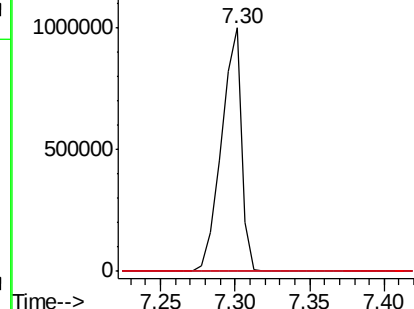
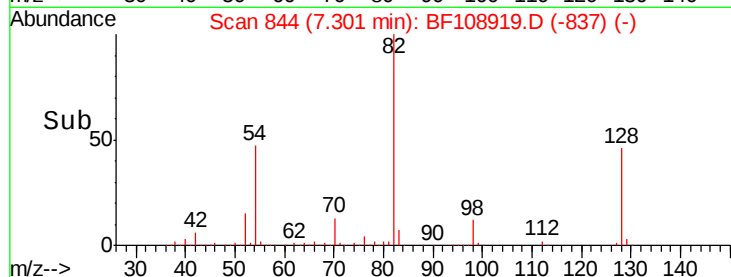
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1264

Delta R.T. 0.01 min

Lab File: BF108919.D

Acq: 11 Sep 2018 3:31

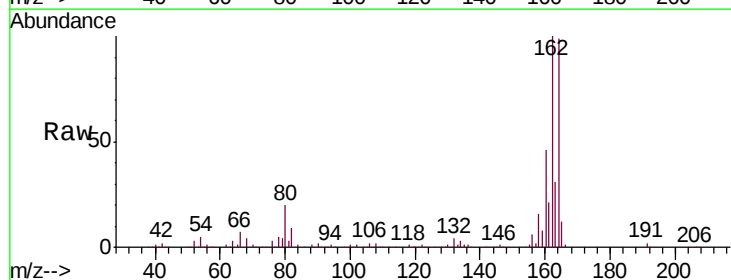
Tgt Ion: 164 Resp: 218924

Ion Ratio Lower Upper

164 100

162 100.9 86.1 129.1

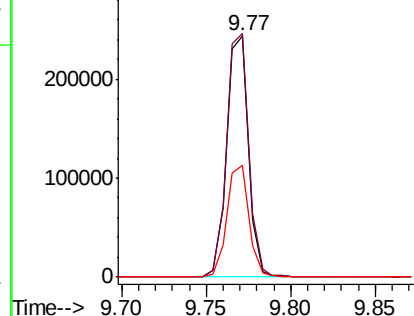
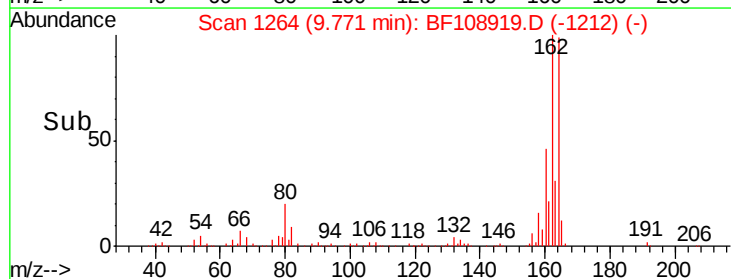
160 46.1 38.3 57.5

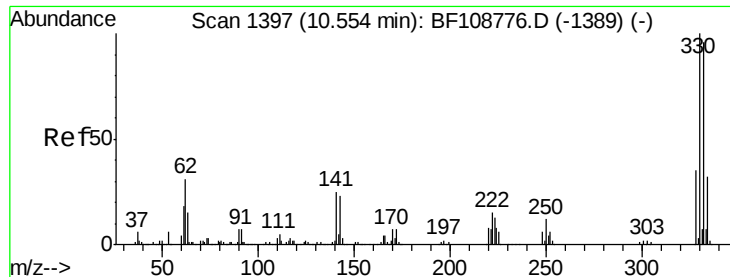


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

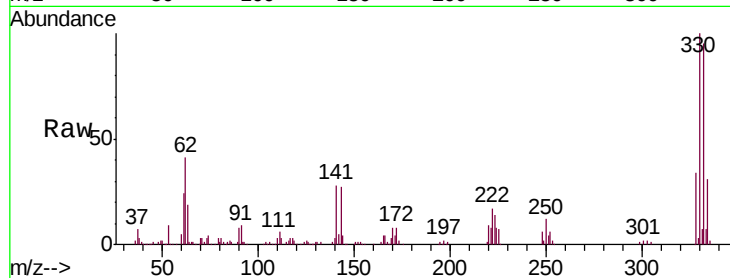




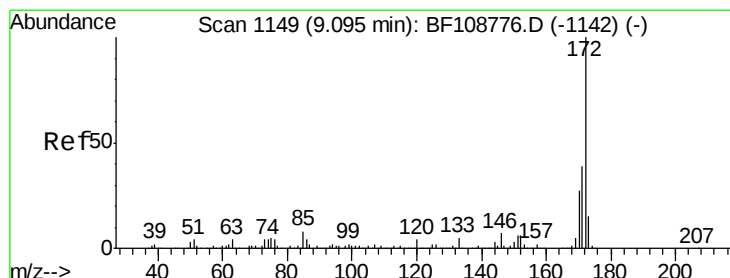
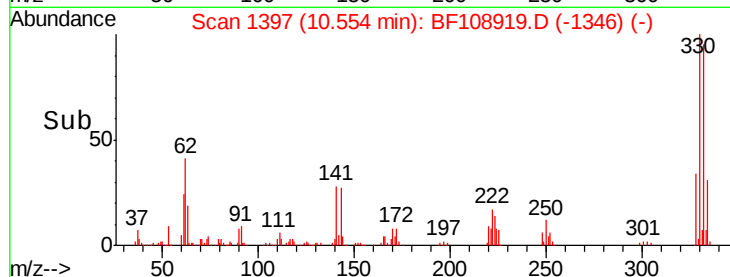
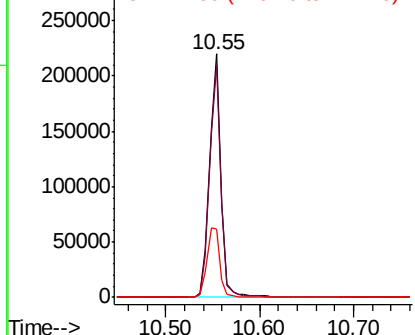
#41
 2,4,6-Tribromophenol
 Concen: 90.474 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF108919.D
 Acq: 11 Sep 2018 3:31

Instrument :
 BNA_F
 ClientSampleId :
 090618-SIDI-F-U-M

Tgt Ion:330 Resp: 189086
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 32.0 29.9 44.9

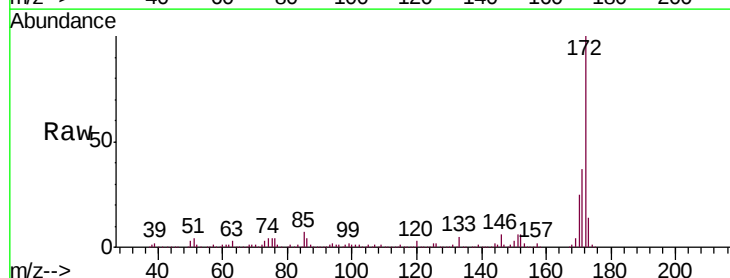


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

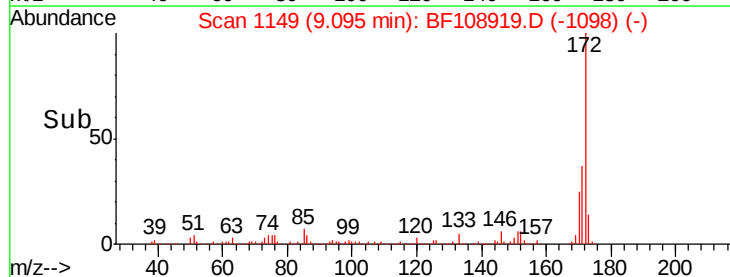
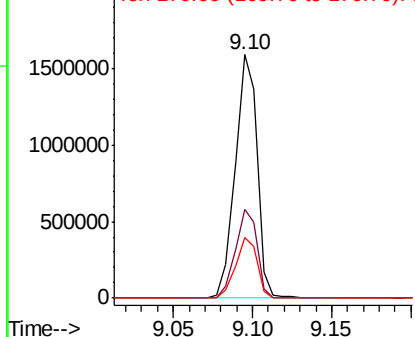


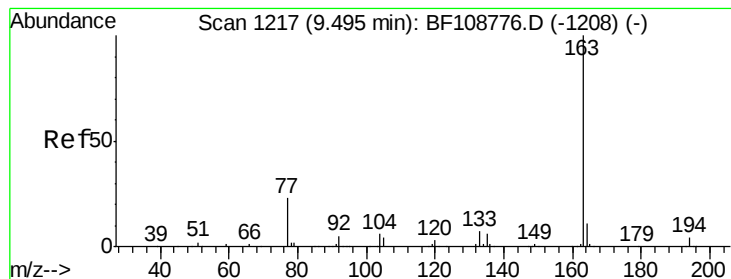
#44
 2-Fluorobiphenyl
 Concen: 118.721 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108919.D
 Acq: 11 Sep 2018 3:31

Tgt Ion:172 Resp: 1523517
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.6 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: 8.201 ng

RT: 9.48 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF108919.D

Acq: 11 Sep 2018 3:31

Instrument :

BNA_F

ClientSampleId :

090618-SIDI-F-U-M

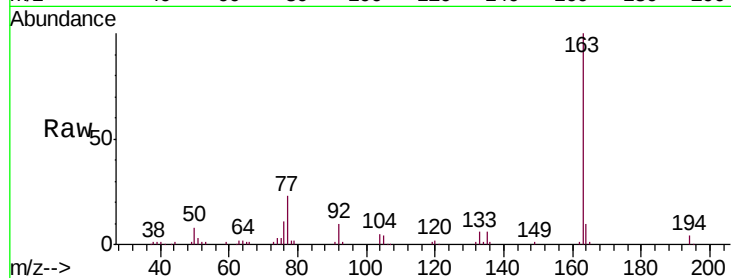
Tgt Ion:163 Resp: 125575

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

164 9.9 8.2 12.2

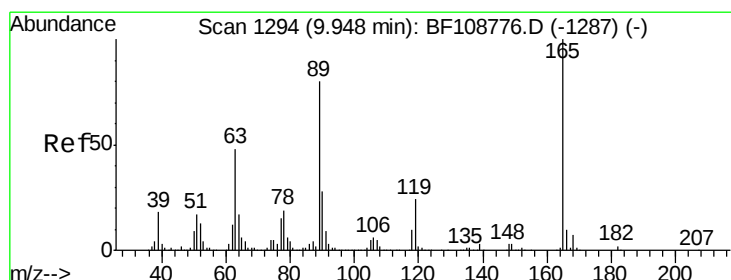
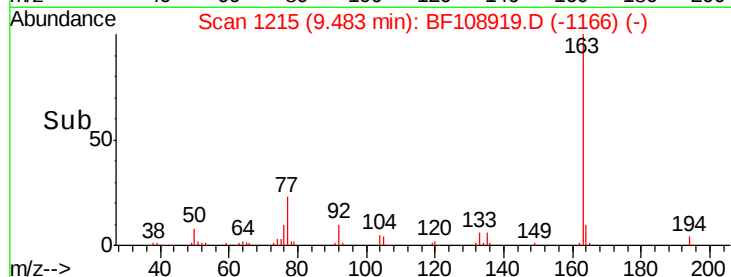
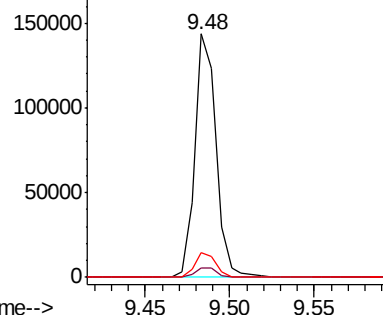


Abundance

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: 7.431 ng

RT: 9.77 min Scan# 1263

Delta R.T. -0.18 min

Lab File: BF108919.D

Acq: 11 Sep 2018 3:31

Tgt Ion:165 Resp: 27728

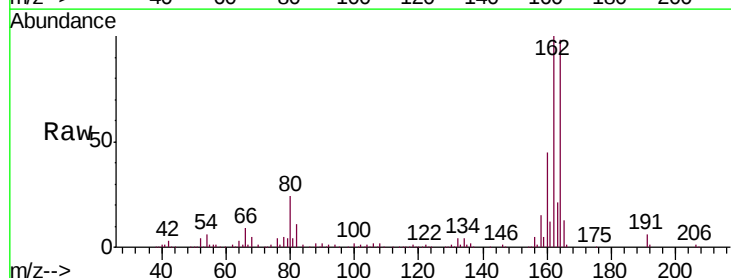
Ion Ratio Lower Upper

165 100

63 1.7 36.4 54.6#

89 1.4 57.8 86.6#

182 0.0 1.6 2.4#



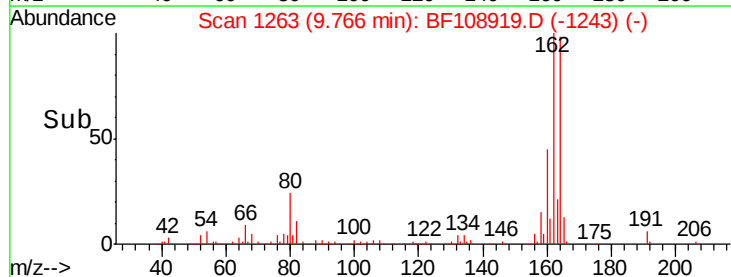
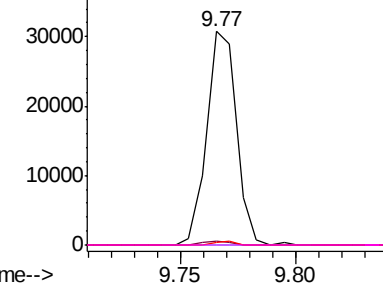
Abundance

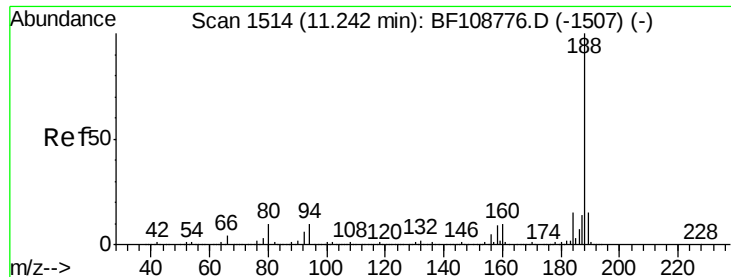
Ion 165.00 (164.70 to 165.70): E

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

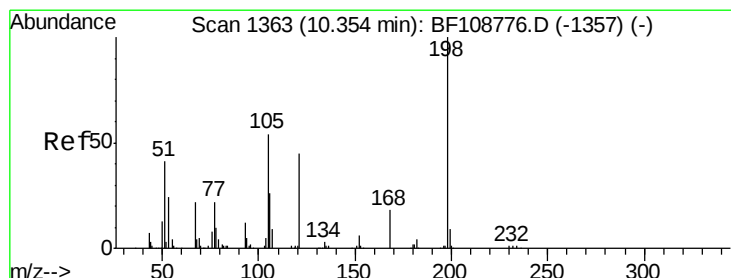
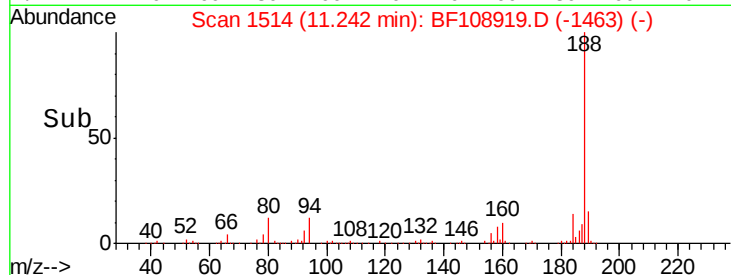
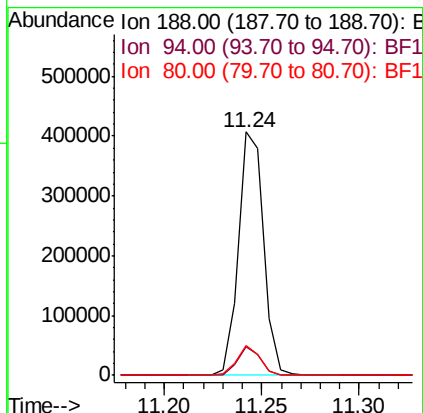
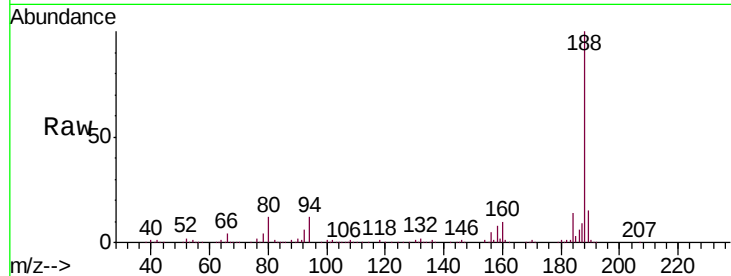




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: BF108919.D
 Acq: 11 Sep 2018 3:31

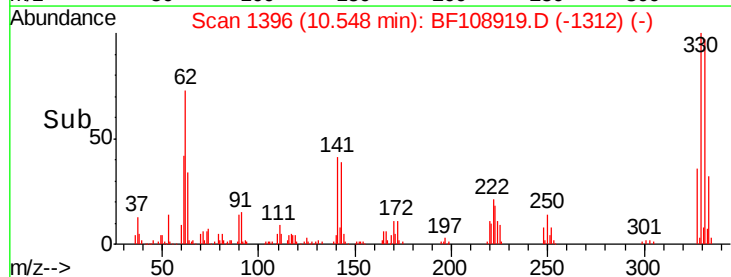
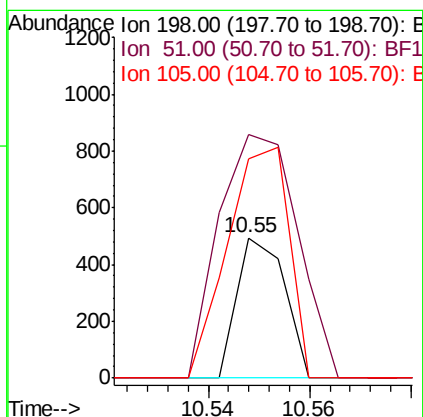
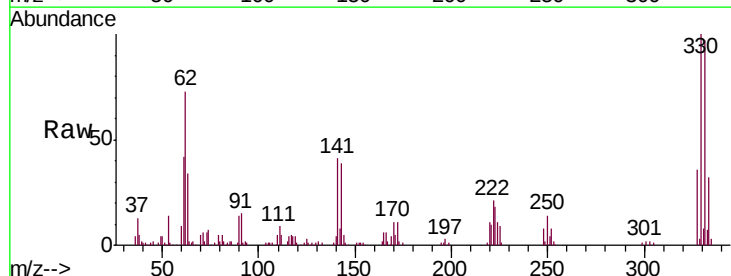
Instrument :
 BNA_F
 ClientSampleId :
 090618-SIDI-F-U-M

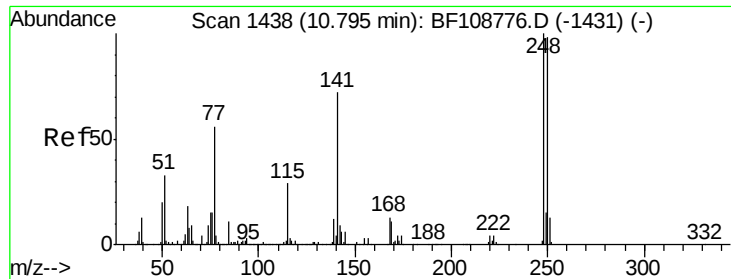
Tgt Ion:188 Resp: 363002
 Ion Ratio Lower Upper
 188 100
 94 12.0 8.5 12.7
 80 12.1 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.062 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. 0.19 min
 Lab File: BF108919.D
 Acq: 11 Sep 2018 3:31

Tgt Ion:198 Resp: 323
 Ion Ratio Lower Upper
 198 100
 51 174.0 37.7 77.7#
 105 156.4 36.3 76.3#

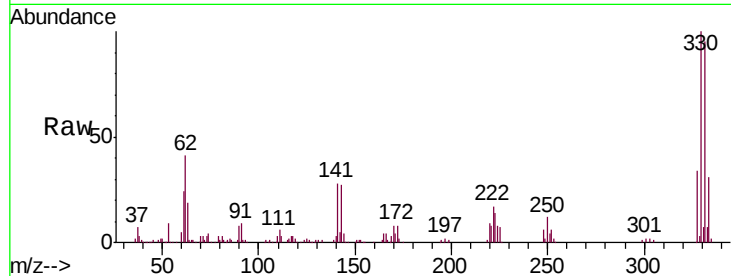




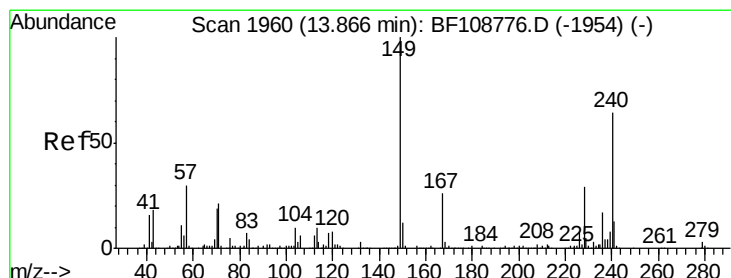
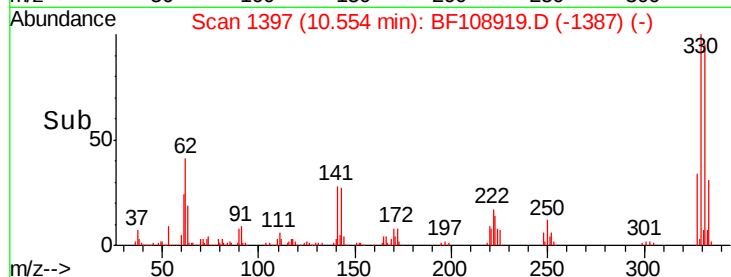
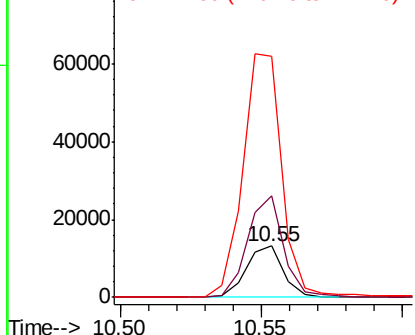
#66
4-Bromophenyl-phenylether
Concen: 2.887 ng
RT: 10.55 min Scan# 1397
Delta R.T. -0.24 min
Lab File: BF108919.D
Acq: 11 Sep 2018 3:31

Instrument :
BNA_F
ClientSampleId :
090618-SIDI-F-U-M

Tgt Ion:248 Resp: 11837
Ion Ratio Lower Upper
248 100
250 199.2 76.9 115.3#
141 471.3 74.4 111.6#

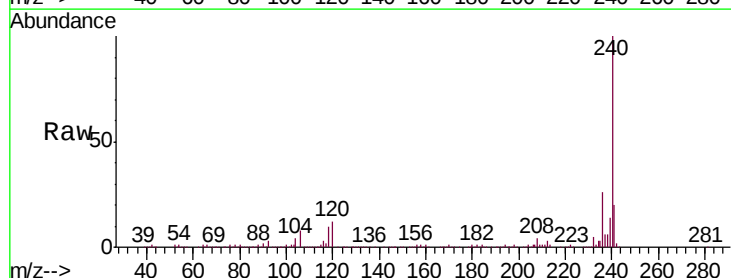


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

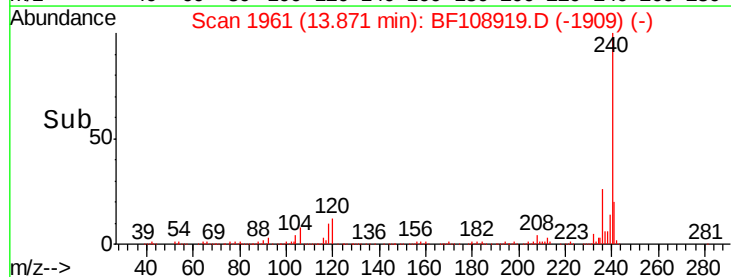
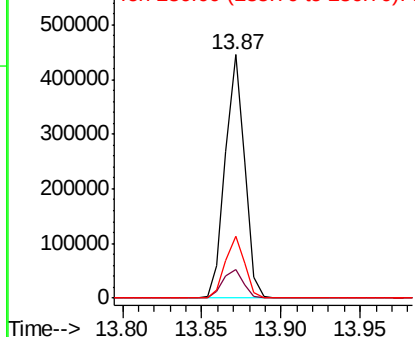


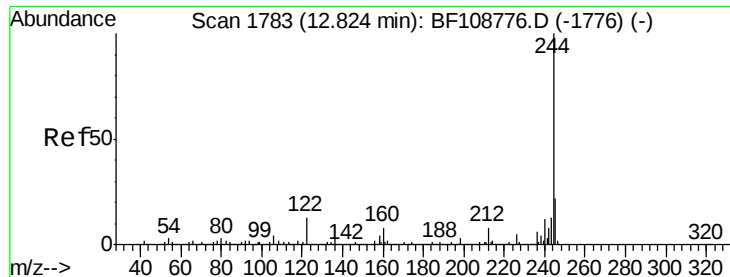
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1961
Delta R.T. 0.01 min
Lab File: BF108919.D
Acq: 11 Sep 2018 3:31

Tgt Ion:240 Resp: 379014
Ion Ratio Lower Upper
240 100
120 11.6 9.5 14.3
236 25.5 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

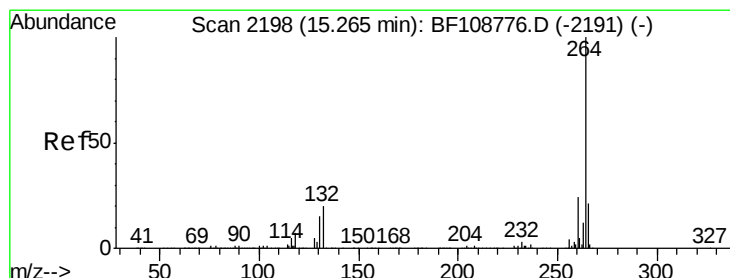
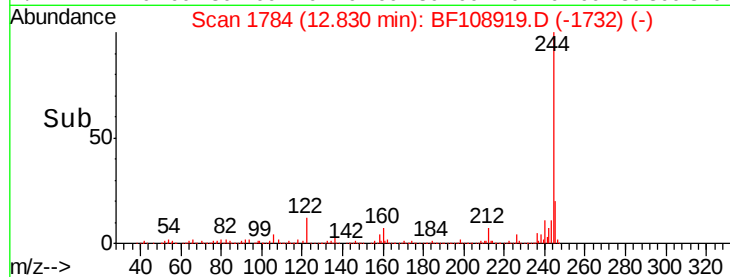
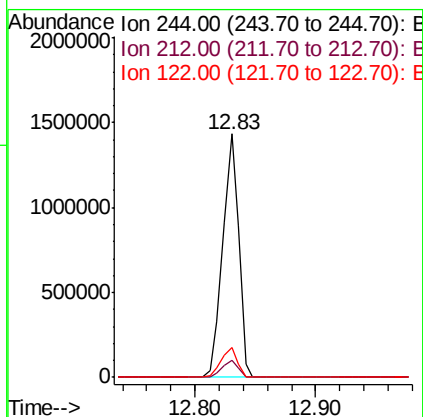
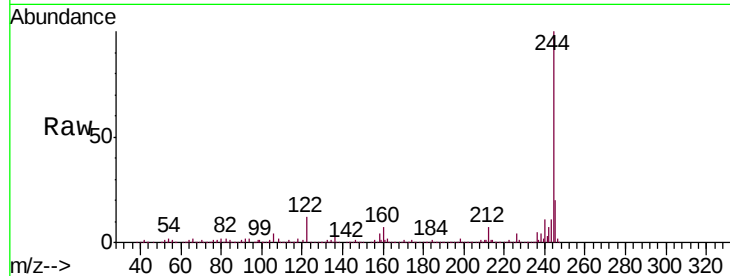




#78
 Terphenyl-d14
 Concen: 80.547 ng
 RT: 12.83 min Scan# 1784
 Delta R.T. 0.01 min
 Lab File: BF108919.D
 Acq: 11 Sep 2018 3:31

Instrument :
 BNA_F
 ClientSampleId :
 090618-SIDI-F-U-M

Tgt Ion:244 Resp: 1309160
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 12.4 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: BF108919.D
 Acq: 11 Sep 2018 3:31

Tgt Ion:264 Resp: 263105
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.5 17.5 26.3

