

Data File : BF108920.D
Acq On : 11 Sep 2018 3:58
Operator : JU/SJ
Sample : J4830-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

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

Quant Time: Sep 11 04:51:56 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	154027	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	523819	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	212074	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	357910	20.00	ng	0.00
75) Chrysene-d12	13.87	240	386999	20.00	ng	0.00
86) Perylene-d12	15.28	264	292968	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	360574	38.78	ng	0.00
7) Phenol-d6	6.37	99	274718	22.96	ng	0.00
23) Nitrobenzene-d5	7.30	82	844592	100.90	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	174535	86.21	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1341889	107.95	ng	0.00
78) Terphenyl-d14	12.83	244	1207213	72.74	ng	0.00

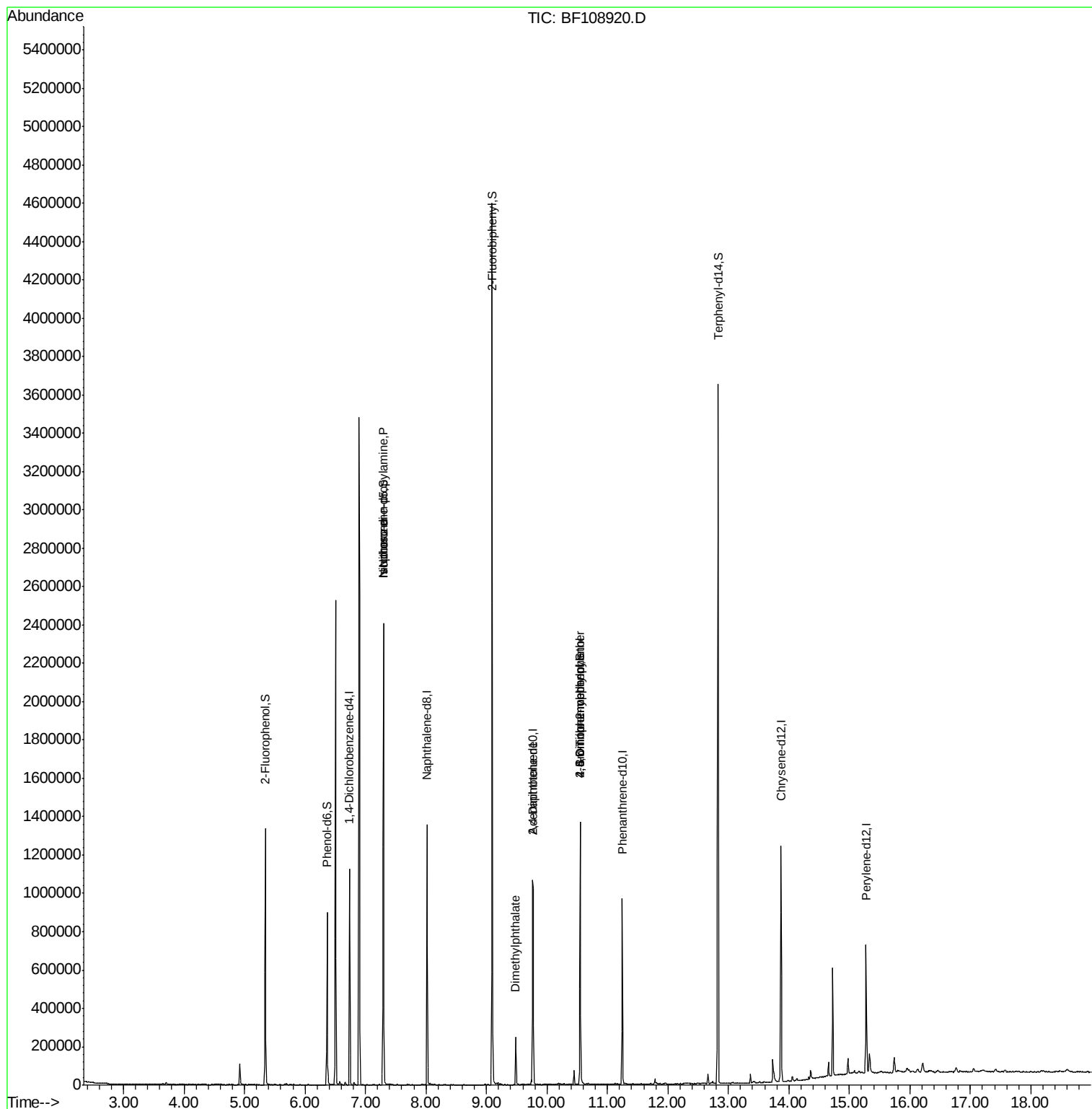
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.30	70	112534	13.533	ng	# 76
25) Isophorone	7.30	82	839359	50.273	ng	# 64
49) Dimethylphthalate	9.48	163	98066	6.611	ng	100
56) 2,4-Dinitrotoluene	9.77	165	26844	7.427	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	307	7.055	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	10587	2.619	ng	# 1

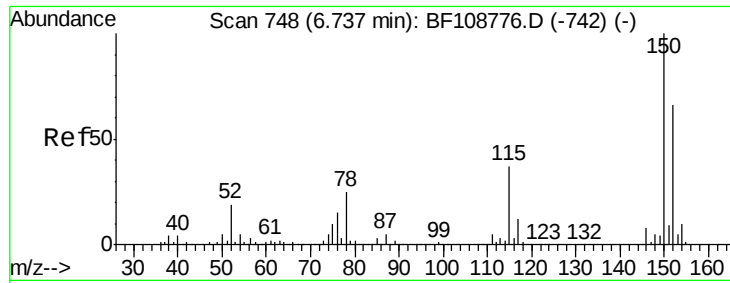
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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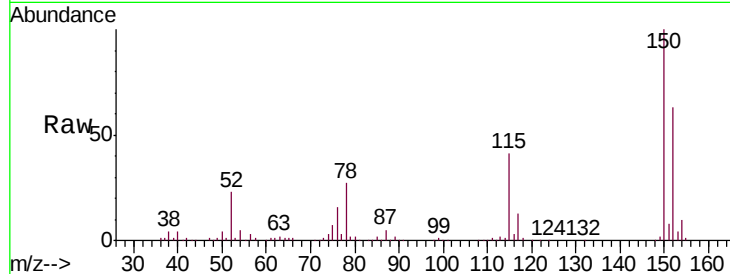


#1

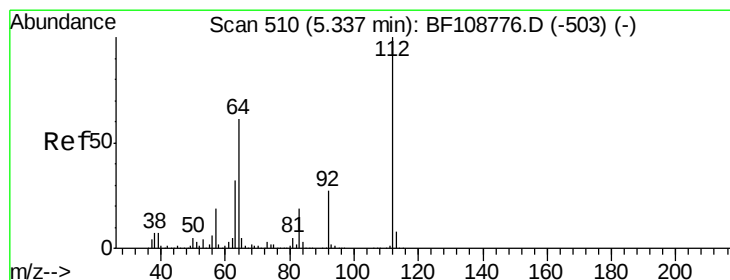
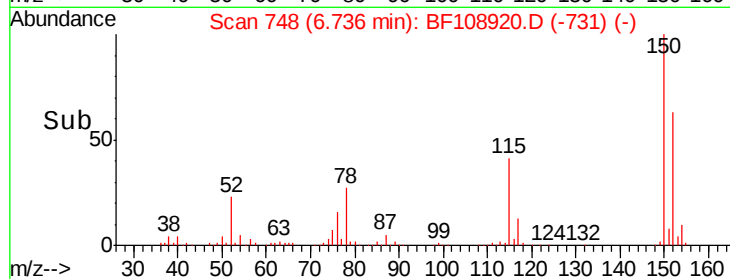
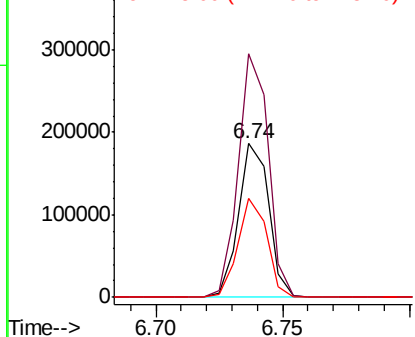
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108920.D
Acq: 11 Sep 2018 3:58

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

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.6	186.8
115	64.8	50.1	75.1



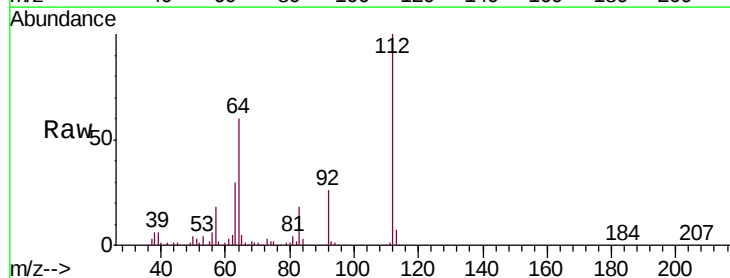
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



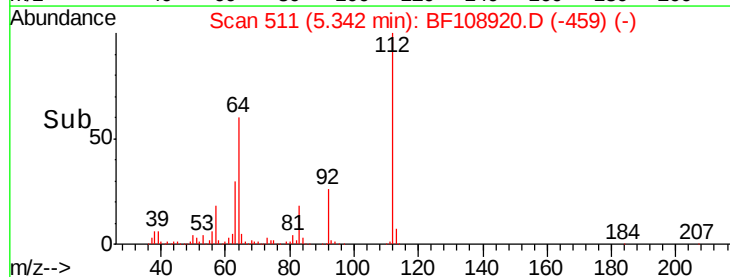
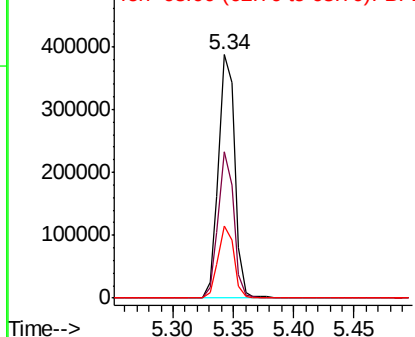
#5

2-Fluorophenol
Concen: 38.782 ng
RT: 5.34 min Scan# 511
Delta R.T. 0.01 min
Lab File: BF108920.D
Acq: 11 Sep 2018 3:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.0	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: 22.965 ng

RT: 6.37 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF108920.D

Acq: 11 Sep 2018 3:58

Instrument :

BNA_F

ClientSampleId :

090618-SIDI-F-U-S

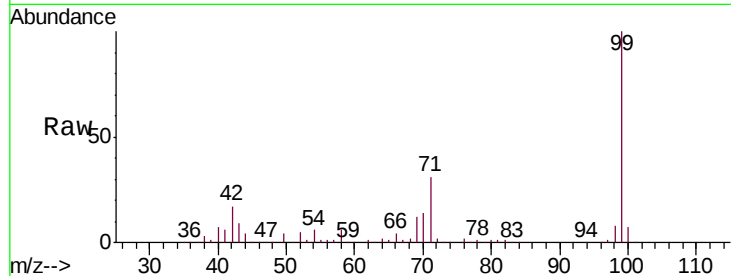
Tgt Ion: 99 Resp: 274718

Ion Ratio Lower Upper

99 100

42 16.8 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

400000

300000

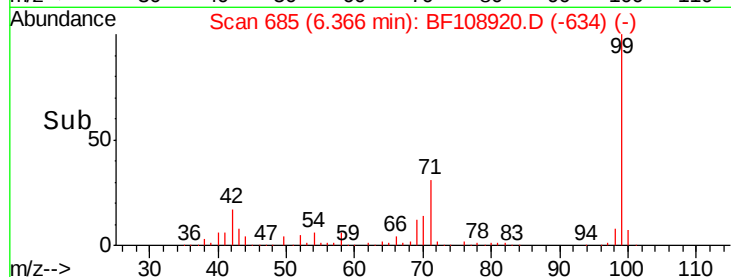
200000

100000

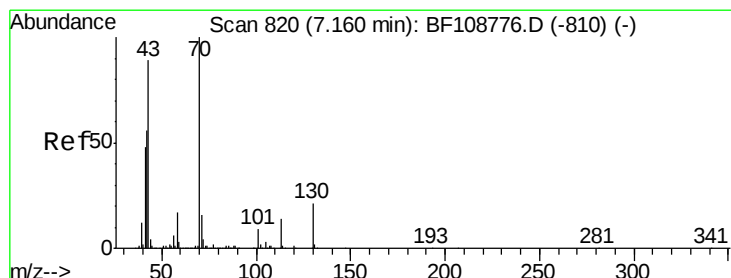
0

6.37

6.30 6.35 6.40 6.45



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 13.533 ng

RT: 7.30 min Scan# 844

Delta R.T. 0.14 min

Lab File: BF108920.D

Acq: 11 Sep 2018 3:58

Tgt Ion: 70 Resp: 112534

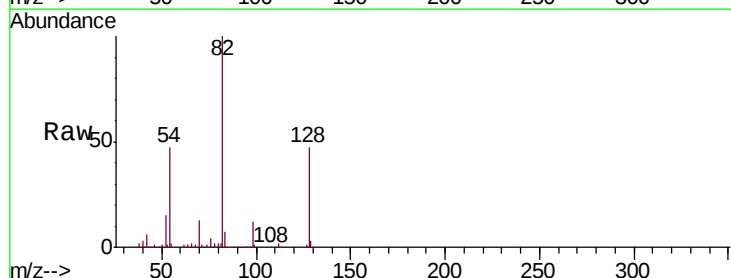
Ion Ratio Lower Upper

70 100

42 45.8 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 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

150000

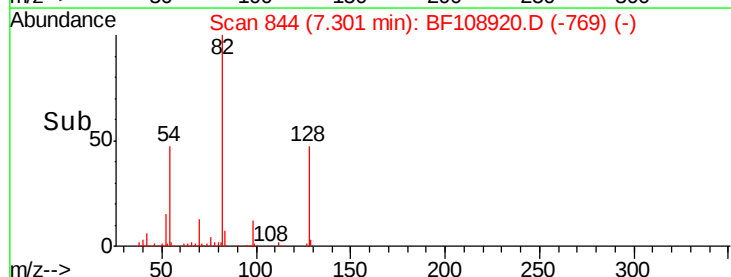
100000

50000

0

7.30

7.25 7.30 7.35



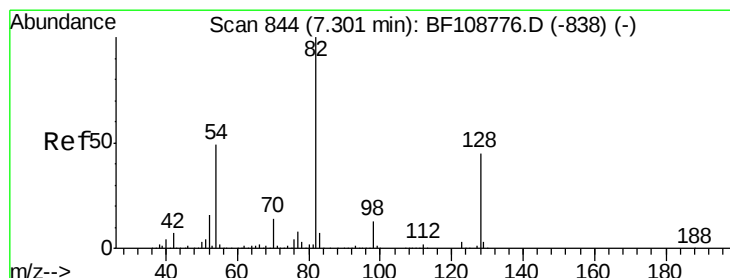
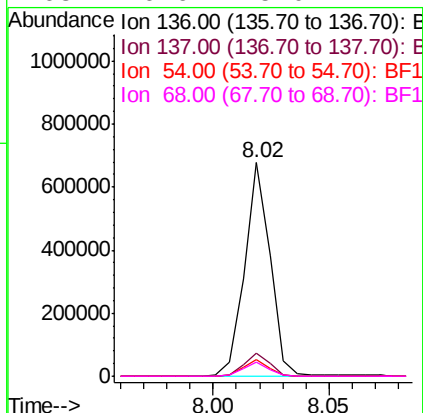
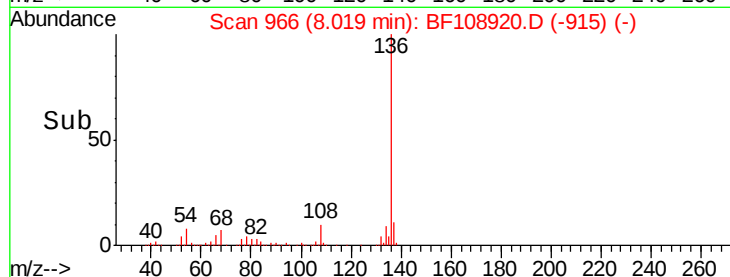
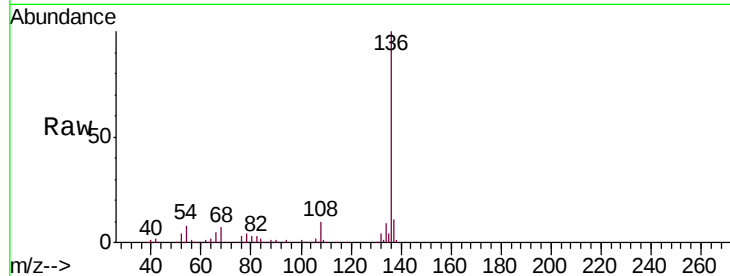
Time-->



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108920.D
Acq: 11 Sep 2018 3:58

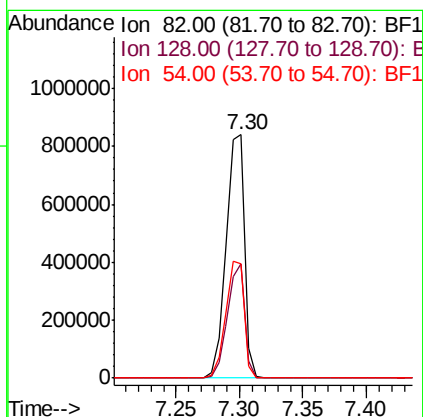
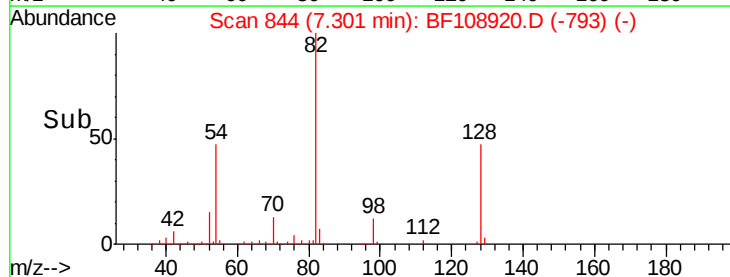
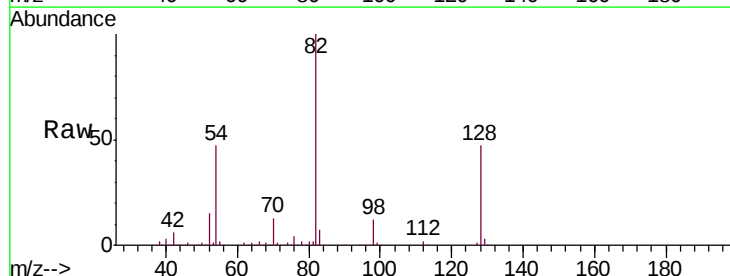
Instrument :
BNA_F
ClientSampleId :
090618-SIDI-F-U-S

Tgt Ion:	136	Resp:	523819
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.7	6.6	9.8
68	6.6	5.0	7.4



#23
Nitrobenzene-d5
Concen: 100.904 ng
RT: 7.30 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF108920.D
Acq: 11 Sep 2018 3:58

Tgt Ion:	82	Resp:	844592
Ion	Ratio	Lower	Upper
82	100		
128	47.1	36.1	54.1
54	47.1	41.4	62.2





#25

Isophorone

Concen: 50.273 ng

RT: 7.30 min Scan# 844

Delta R.T. -0.26 min

Lab File: BF108920.D

Acq: 11 Sep 2018 3:58

Instrument :

BNA_F

ClientSampleId :

090618-SIDI-F-U-S

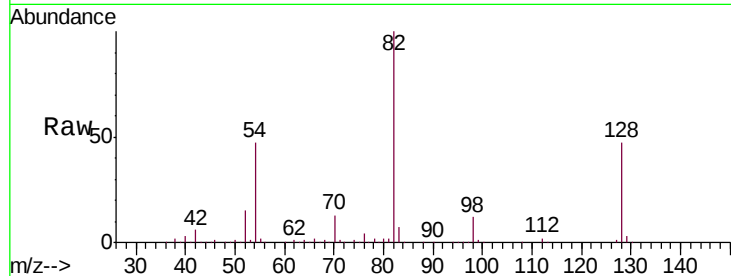
Tgt Ion: 82 Resp: 839359

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

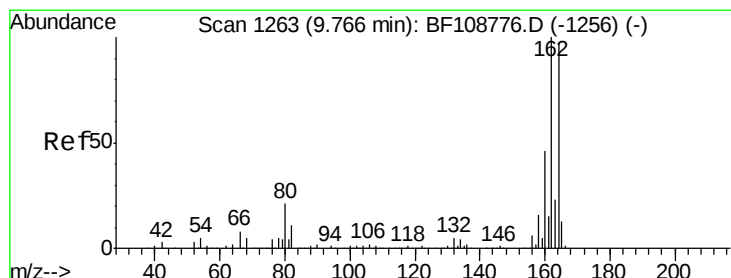
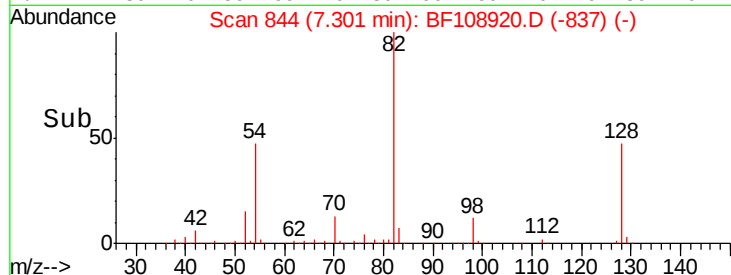
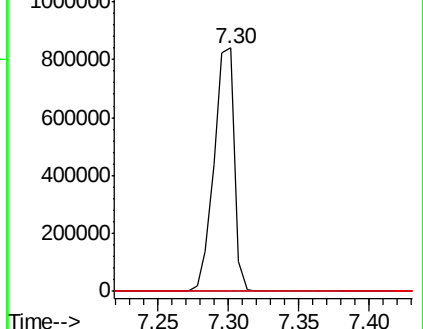
138 0.0 14.9 22.3#



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# 1263

Delta R.T. -0.00 min

Lab File: BF108920.D

Acq: 11 Sep 2018 3:58

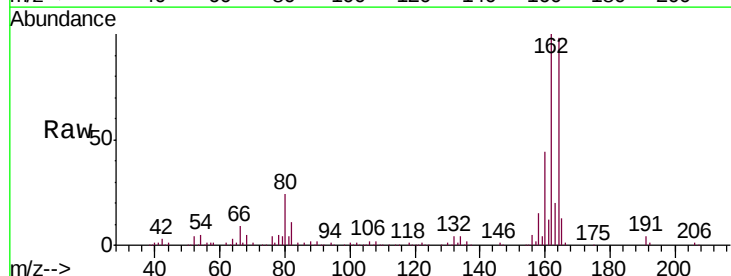
Tgt Ion: 164 Resp: 212074

Ion Ratio Lower Upper

164 100

162 102.4 86.1 129.1

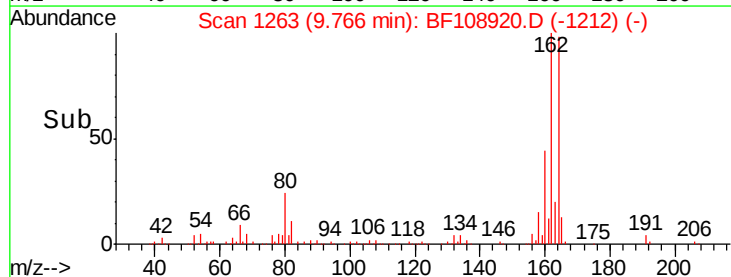
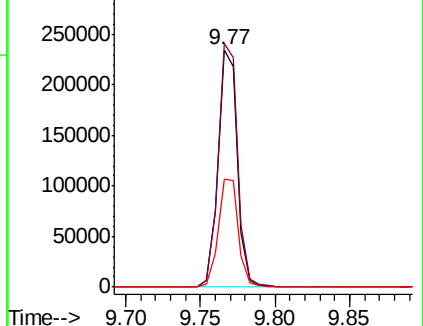
160 45.4 38.3 57.5



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

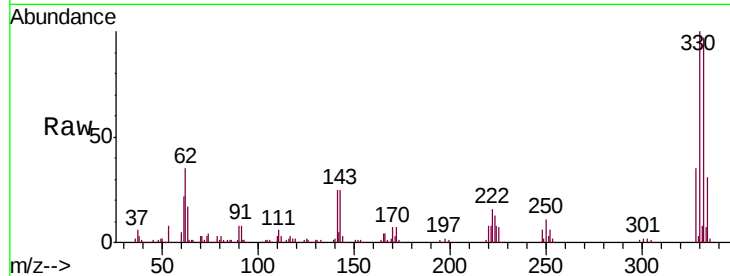




#41
 2,4,6-Tribromophenol
 Concen: 86.209 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF108920.D
 Acq: 11 Sep 2018 3:58

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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	32.2	29.9	44.9

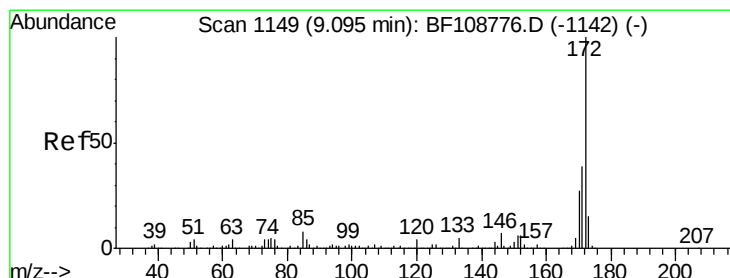
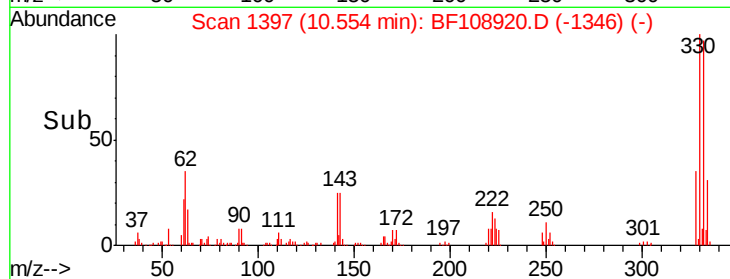
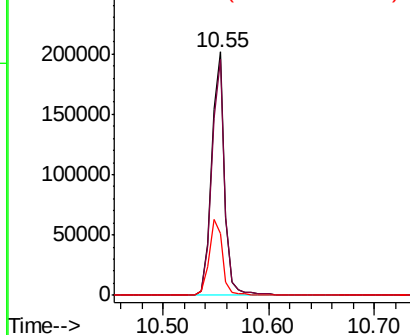


Abundance

Ion 329.80 (329.50 to 330.50): E

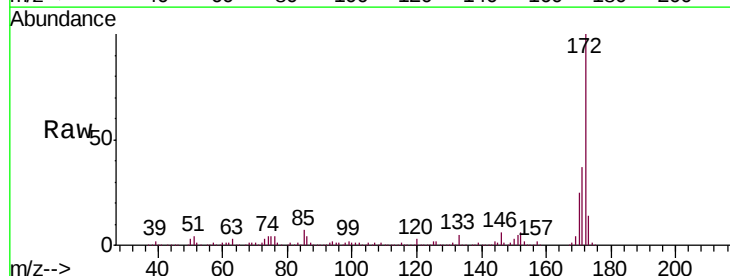
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 107.945 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108920.D
 Acq: 11 Sep 2018 3:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	25.1	19.6	29.4

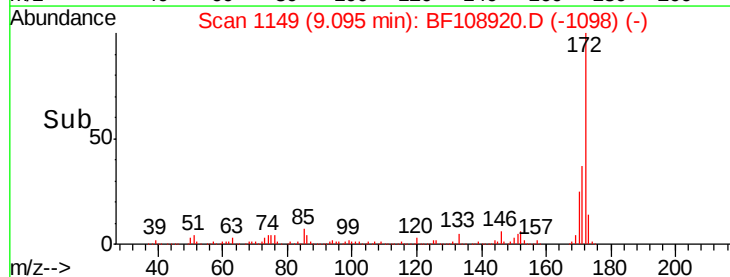
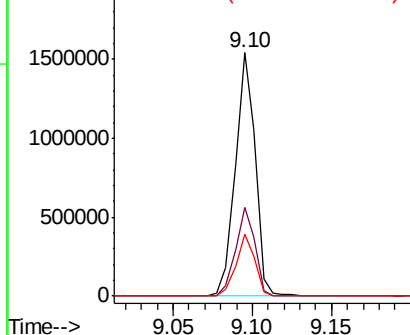


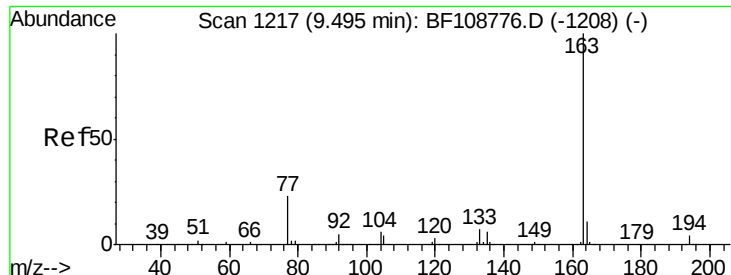
Abundance

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

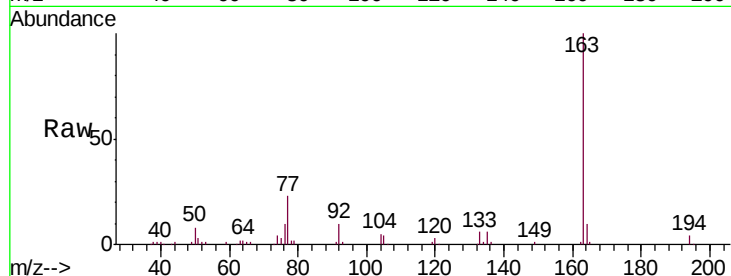




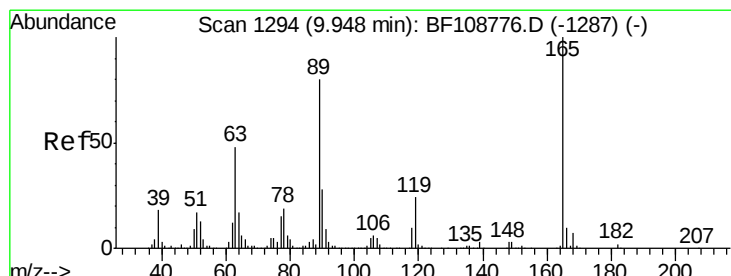
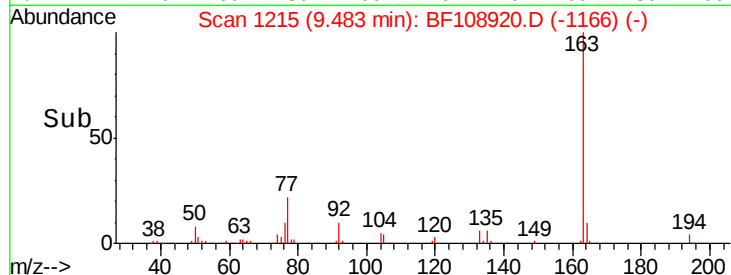
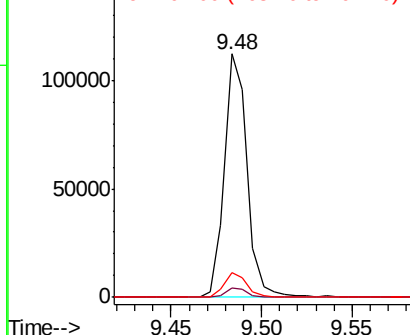
#49
Dimethylphthalate
Concen: 6.611 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108920.D
Acq: 11 Sep 2018 3:58

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

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.2	8.2	12.2



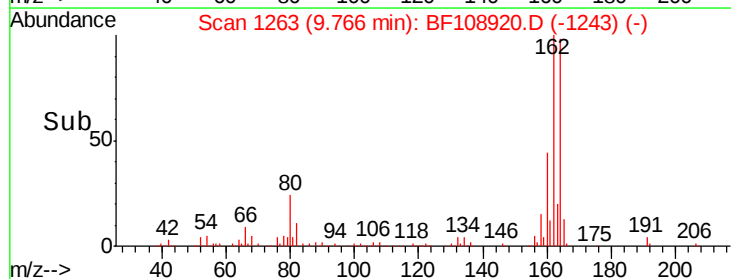
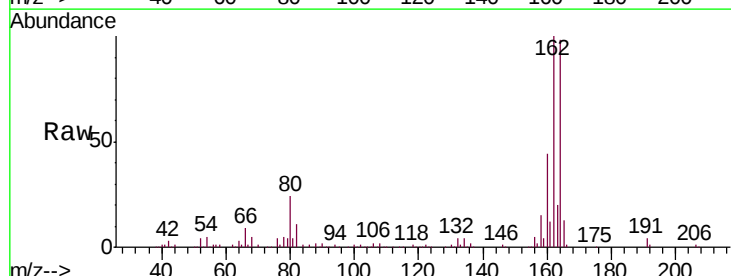
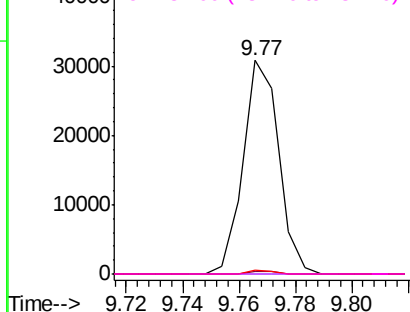
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

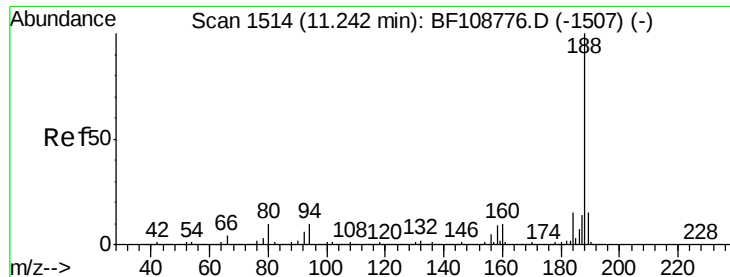


#56
2,4-Dinitrotoluene
Concen: 7.427 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.18 min
Lab File: BF108920.D
Acq: 11 Sep 2018 3:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.5	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

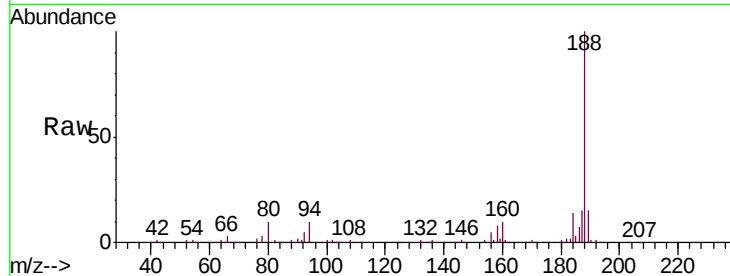




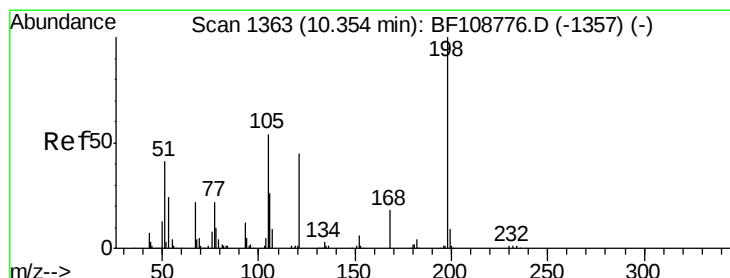
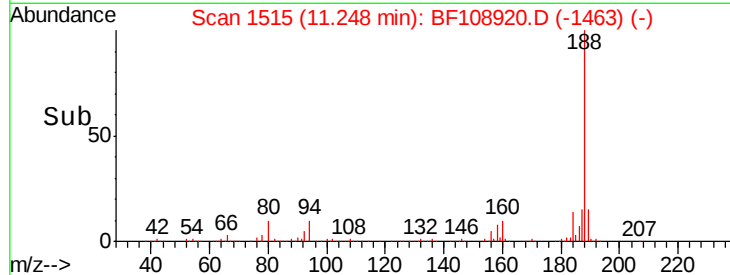
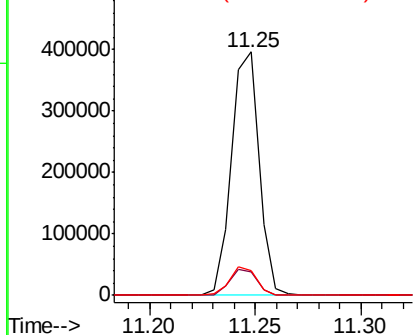
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF108920.D
Acq: 11 Sep 2018 3:58

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

Tgt Ion:188 Resp: 357910
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 10.2 9.2 13.8

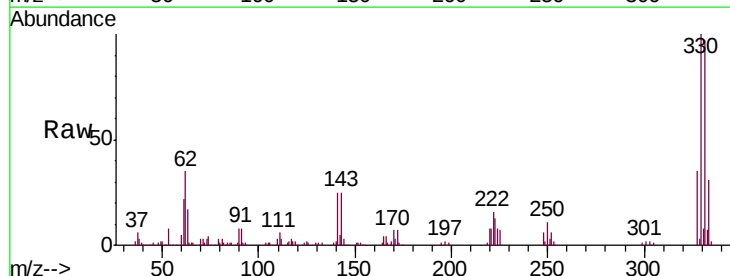


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

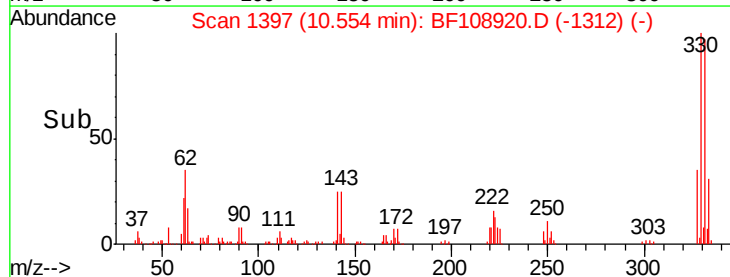
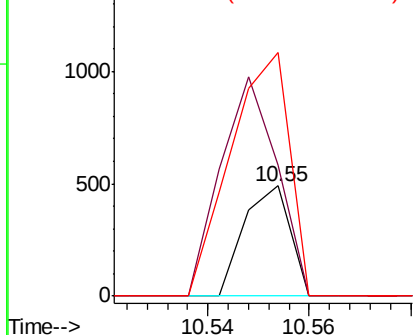


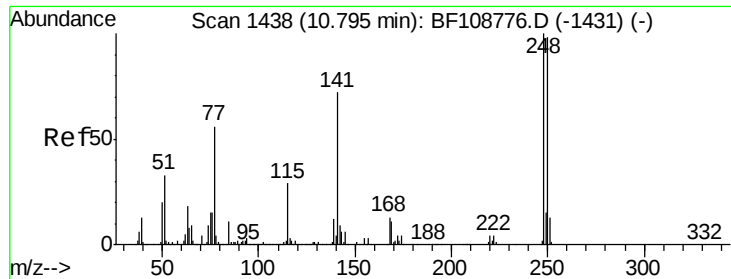
#64
4,6-Dinitro-2-methylphenol
Concen: 7.055 ng
RT: 10.55 min Scan# 1397
Delta R.T. 0.20 min
Lab File: BF108920.D
Acq: 11 Sep 2018 3:58

Tgt Ion:198 Resp: 307
Ion Ratio Lower Upper
198 100
51 119.4 37.7 77.7#
105 221.5 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

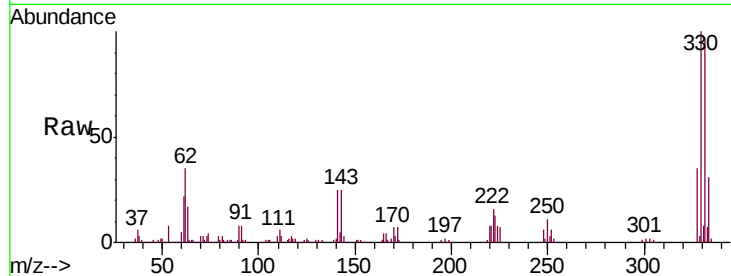




#66
 4-Bromophenyl-phenylether
 Concen: 2.619 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.24 min
 Lab File: BF108920.D
 Acq: 11 Sep 2018 3:58

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

Tgt Ion	Ratio	Lower	Upper
248	100		
250	197.3	76.9	115.3#
141	444.5	74.4	111.6#

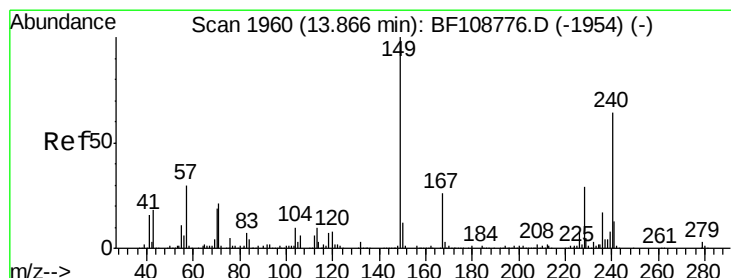
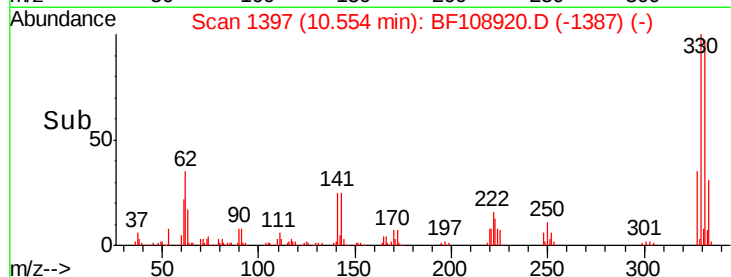
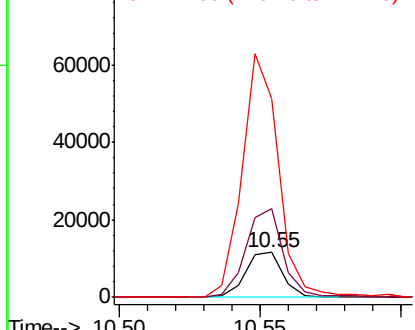


Abundance

Ion 248.00 (247.70 to 248.70): E

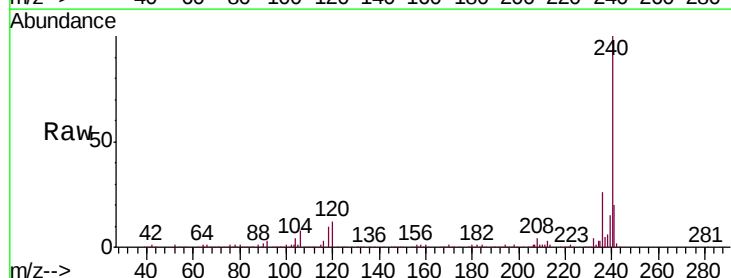
Ion 250.00 (249.70 to 250.70): E

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: BF108920.D
 Acq: 11 Sep 2018 3:58

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.5	14.3
236	26.0	20.7	31.1

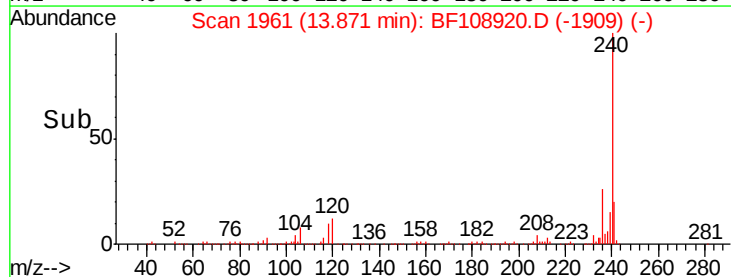
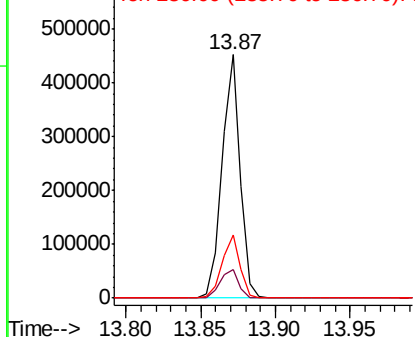


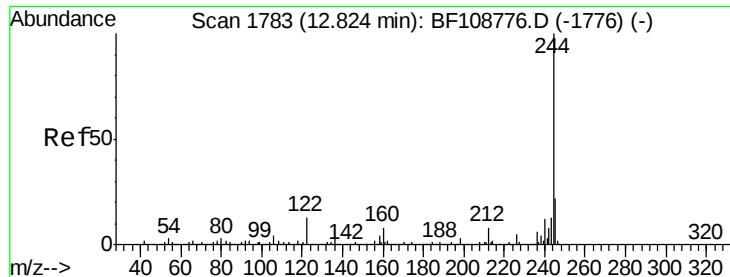
Abundance

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: 72.742 ng

RT: 12.83 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF108920.D

Acq: 11 Sep 2018 3:58

Instrument :

BNA_F

ClientSampleId :

090618-SIDI-F-U-S

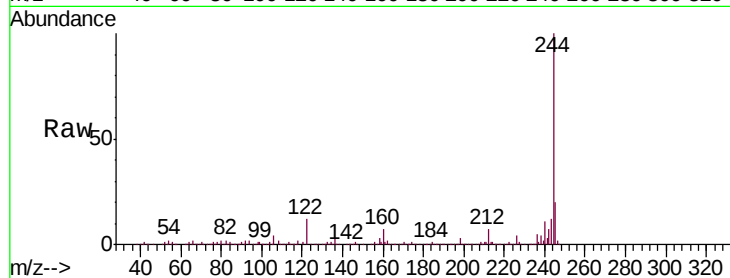
Tgt Ion:244 Resp: 1207213

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

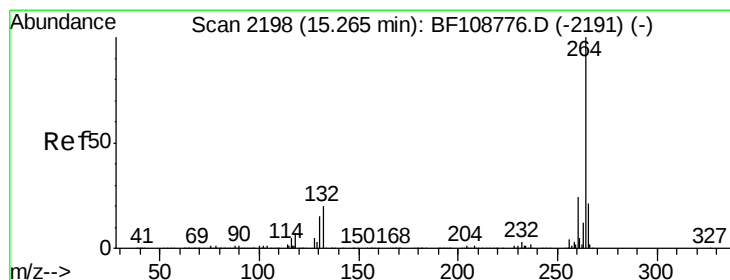
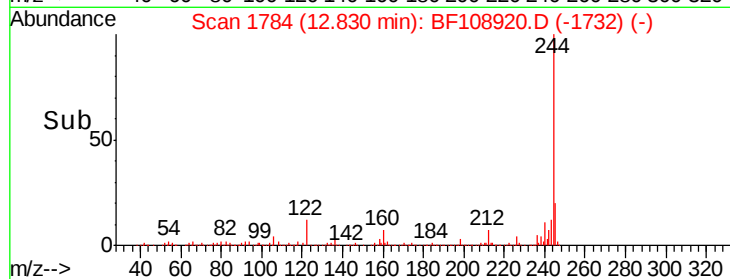
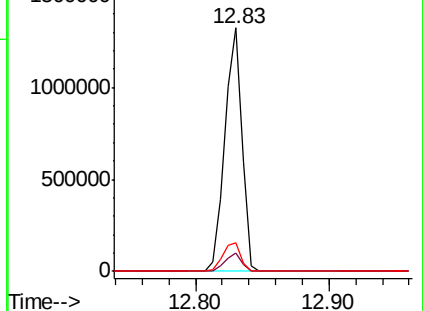
122 11.8 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.28 min Scan# 2200

Delta R.T. 0.01 min

Lab File: BF108920.D

Acq: 11 Sep 2018 3:58

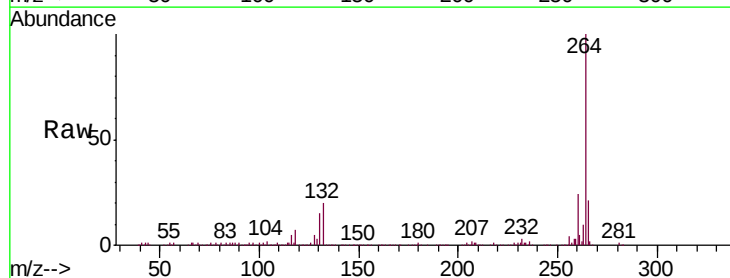
Tgt Ion:264 Resp: 292968

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.3 17.5 26.3



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

