

Data File : BF108918.D
Acq On : 11 Sep 2018 3:04
Operator : JU/SJ
Sample : J4830-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

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

Quant Time: Sep 11 04:51:28 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	163229	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	567049	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	223493	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	370988	20.00	ng	0.00
75) Chrysene-d12	13.87	240	391443	20.00	ng	0.00
86) Perylene-d12	15.28	264	268504	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	462312	46.92	ng	0.01
7) Phenol-d6	6.37	99	396945	31.31	ng	0.00
23) Nitrobenzene-d5	7.30	82	1010505	111.52	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	198632	93.10	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1601357	122.24	ng	0.00
78) Terphenyl-d14	12.83	244	1380214	82.22	ng	0.00

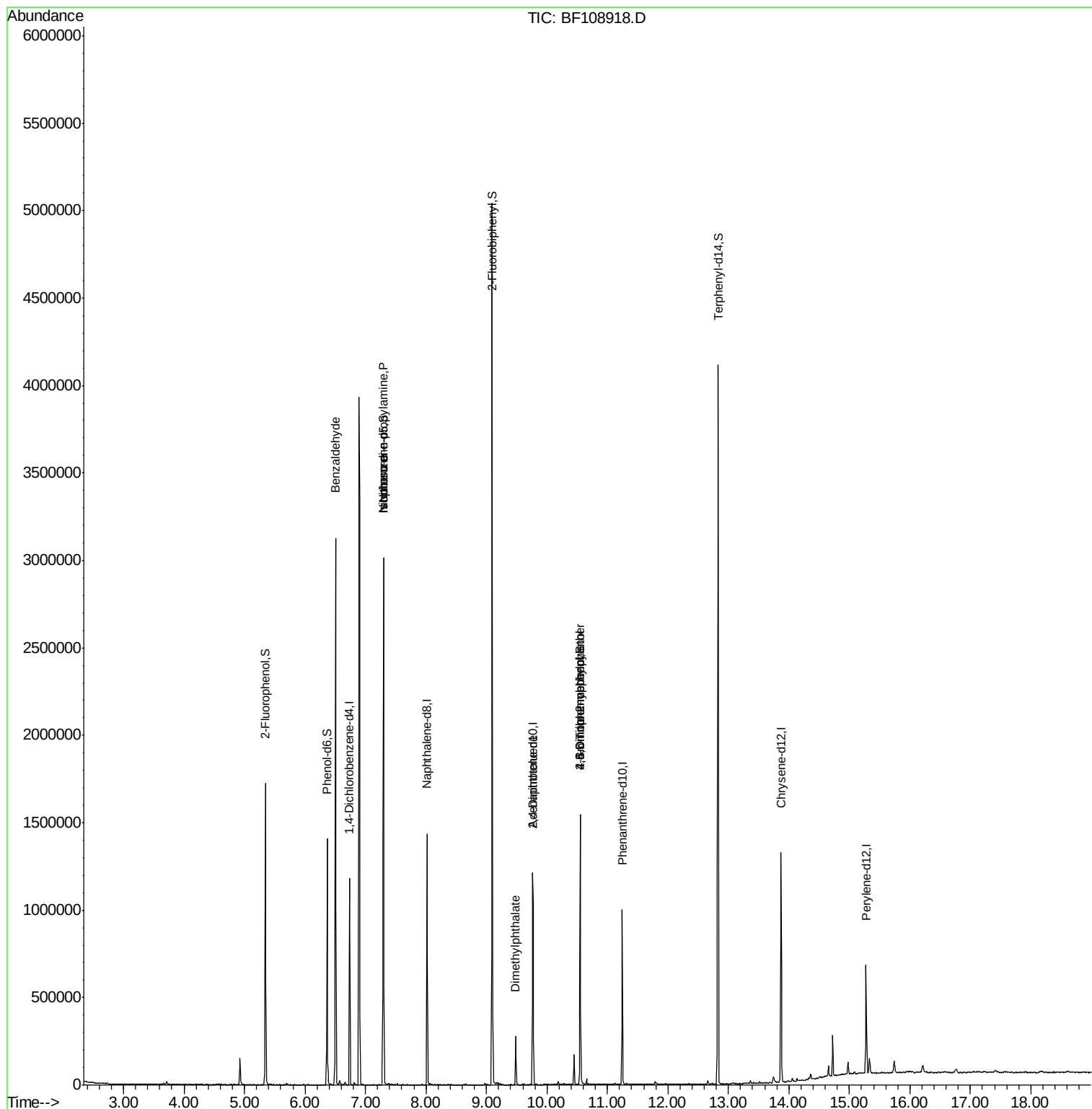
Target Compounds				Qvalue		
9) Benzaldehyde	6.51	77	18550	2.063	ng	# 71
19) n-Nitroso-di-n-propylamine	7.30	70	137272	15.578	ng	# 76
25) Isophorone	7.30	82	1005280	55.621	ng	# 64
49) Dimethylphthalate	9.48	163	101296	6.480	ng	# 98
56) 2,4-Dinitrotoluene	9.77	165	28964	7.604	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.55	198	388	7.096	ng	# 4
66) 4-Bromophenyl-phenylether	10.55	248	11700	2.792	ng	# 1

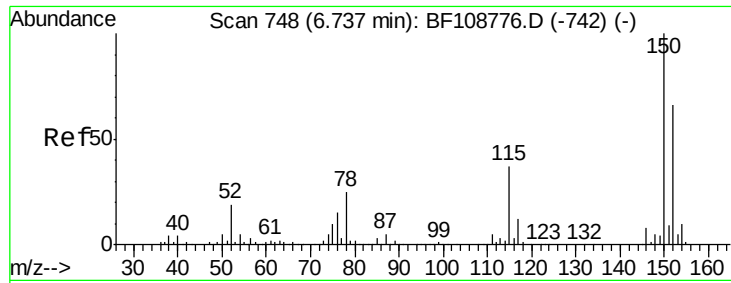
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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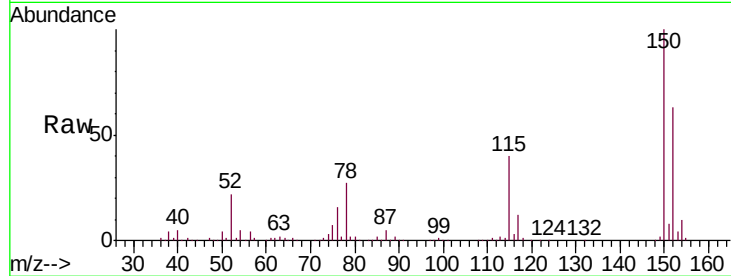


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF108918.D
 Acq: 11 Sep 2018 3:04

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

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.7	124.6	186.8
115	63.3	50.1	75.1

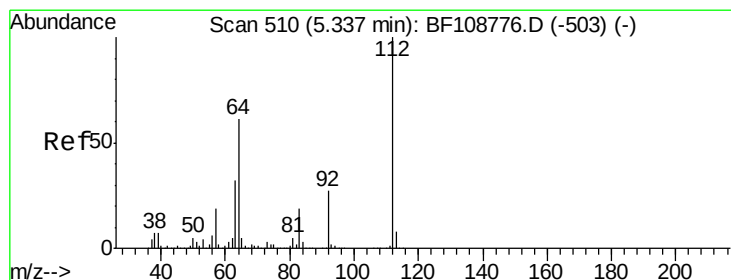
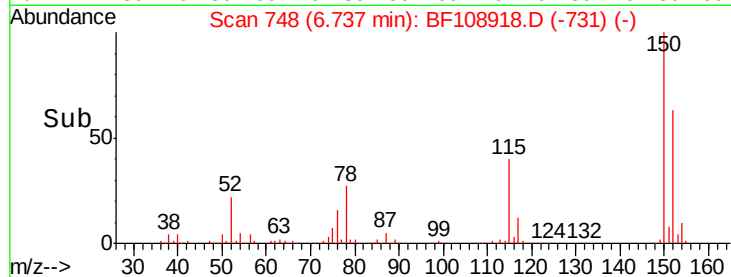
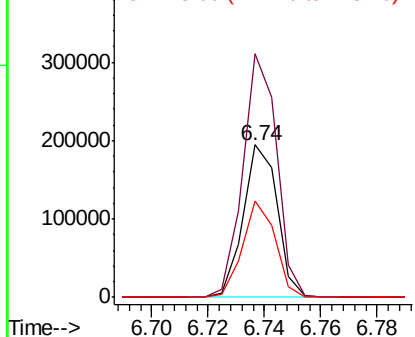


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

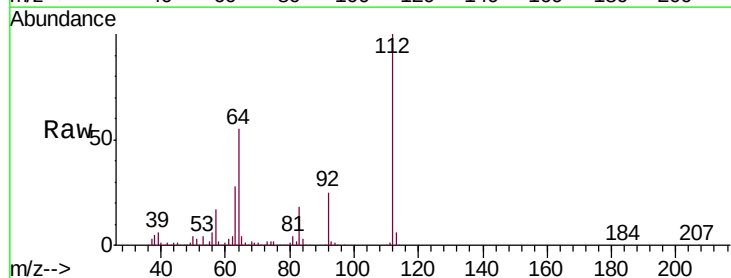
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 46.922 ng
 RT: 5.35 min Scan# 512
 Delta R.T. 0.01 min
 Lab File: BF108918.D
 Acq: 11 Sep 2018 3:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.3	47.9	71.9
63	28.0	23.7	35.5

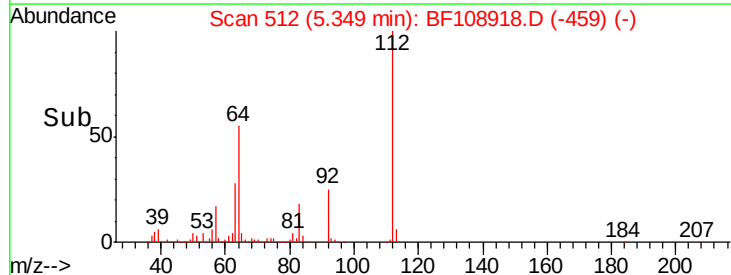
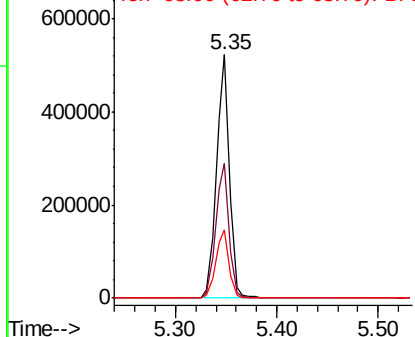


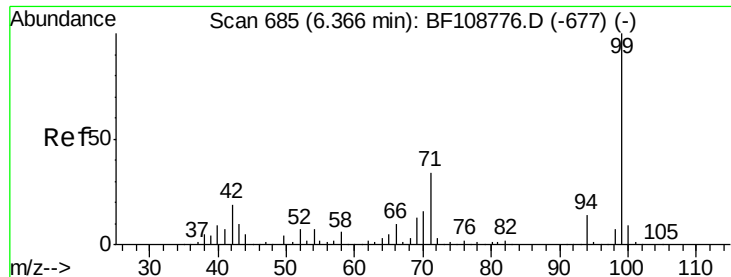
Abundance

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: 31.312 ng

RT: 6.37 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF108918.D

Acq: 11 Sep 2018 3:04

Instrument :

BNA_F

ClientSampleId :

090618-SIDI-F-U-B

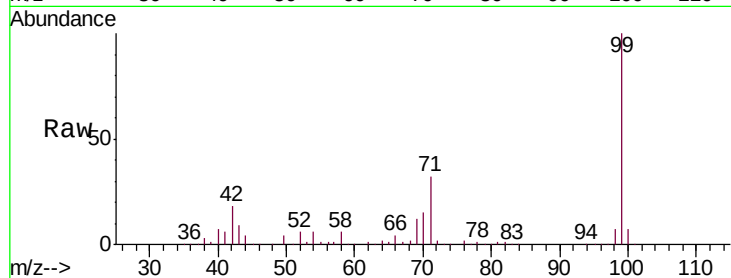
Tgt Ion: 99 Resp: 396945

Ion Ratio Lower Upper

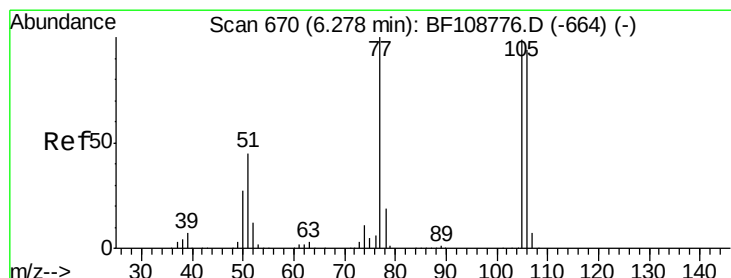
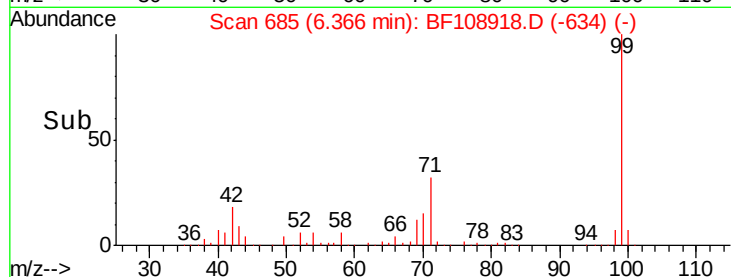
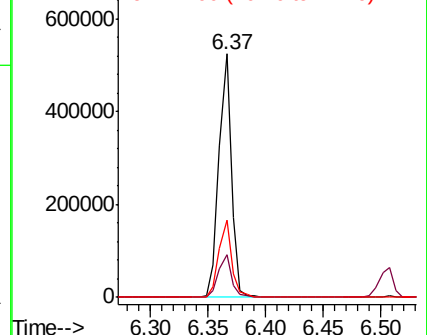
99 100

42 17.6 14.5 21.7

71 31.6 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



#9

Benzaldehyde

Concen: 2.063 ng

RT: 6.51 min Scan# 709

Delta R.T. 0.23 min

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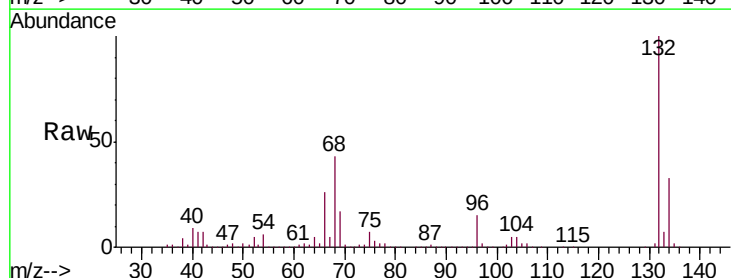
Tgt Ion: 77 Resp: 18550

Ion Ratio Lower Upper

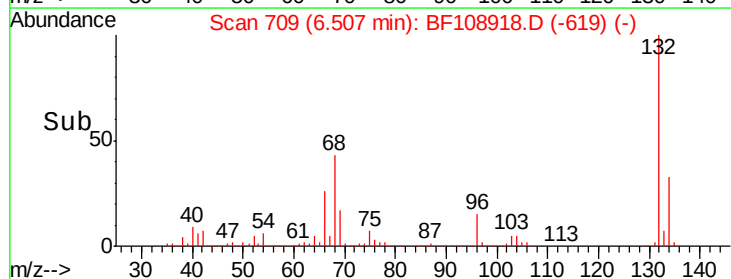
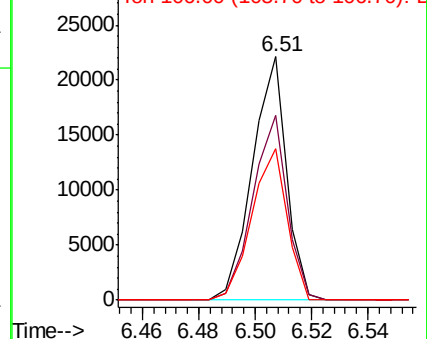
77 100

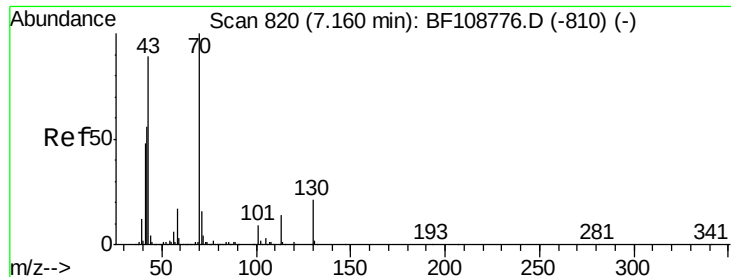
105 75.9 81.1 121.1#

106 62.4 74.5 114.5#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

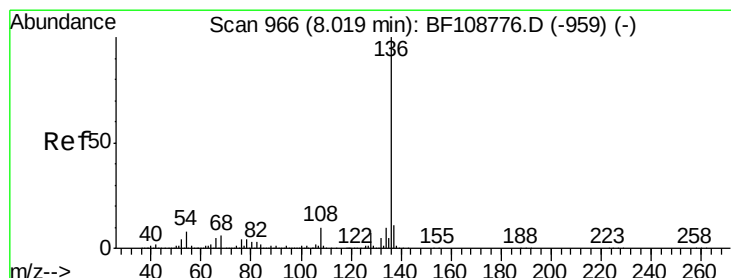
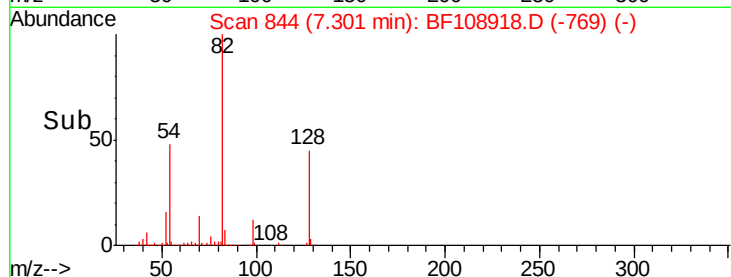
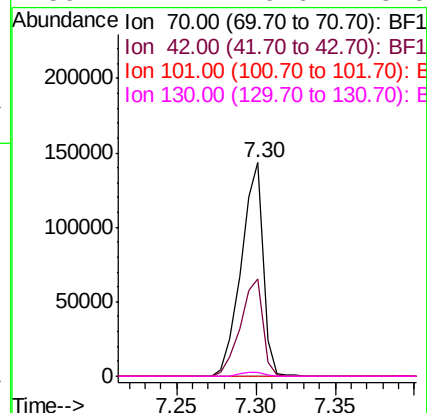
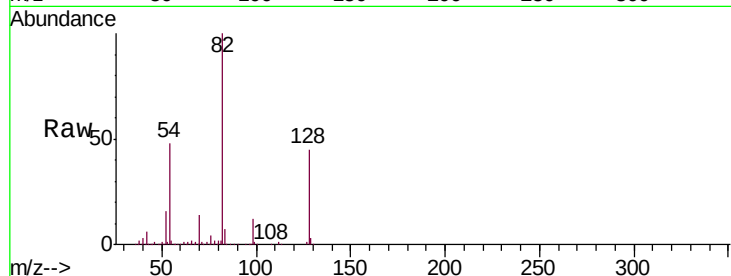




#19
n-Nitroso-di-n-propylamine
Concen: 15.578 ng
RT: 7.30 min Scan# 844
Delta R.T. 0.14 min
Lab File: BF108918.D
Acq: 11 Sep 2018 3:04

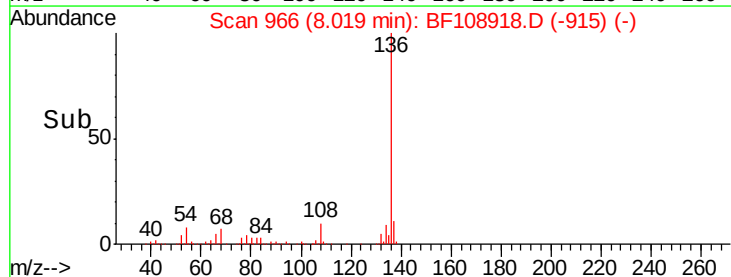
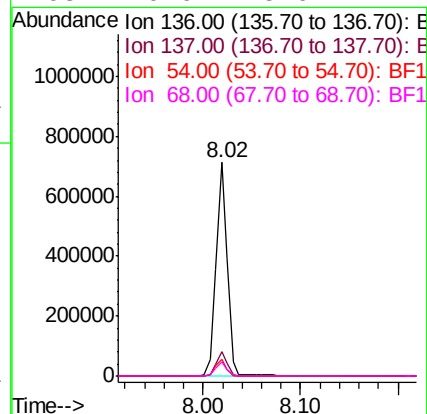
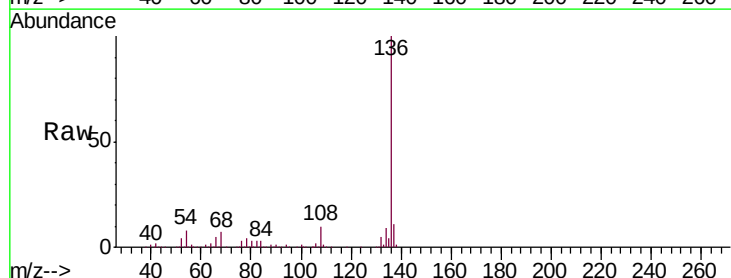
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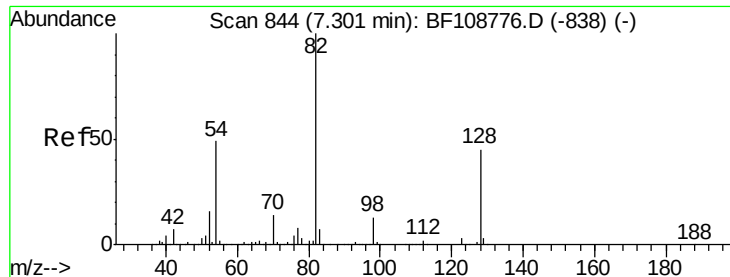
Tgt Ion: 70 Resp: 137272
Ion Ratio Lower Upper
70 100
42 45.8 47.5 71.3#
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. 0.00 min
Lab File: BF108918.D
Acq: 11 Sep 2018 3:04

Tgt Ion: 136 Resp: 567049
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 7.9 6.6 9.8
68 6.6 5.0 7.4

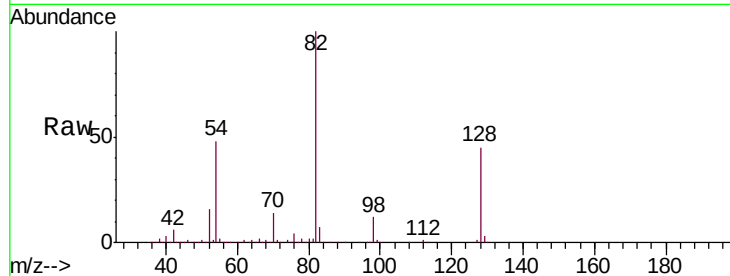




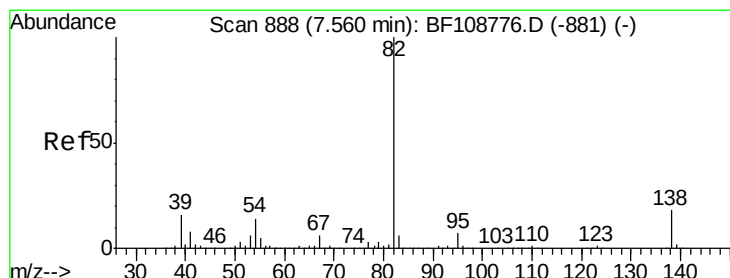
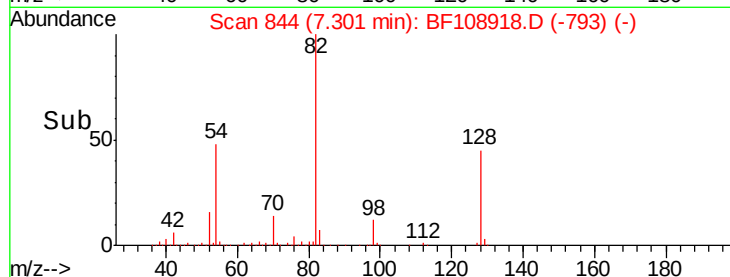
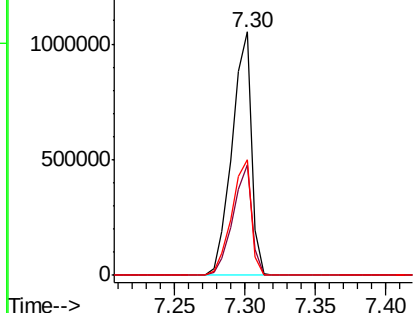
#23
 Nitrobenzene-d5
 Concen: 111.522 ng
 RT: 7.30 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: BF108918.D
 Acq: 11 Sep 2018 3:04

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

Tgt Ion: 82 Resp: 1010505
 Ion Ratio Lower Upper
 82 100
 128 45.5 36.1 54.1
 54 47.5 41.4 62.2

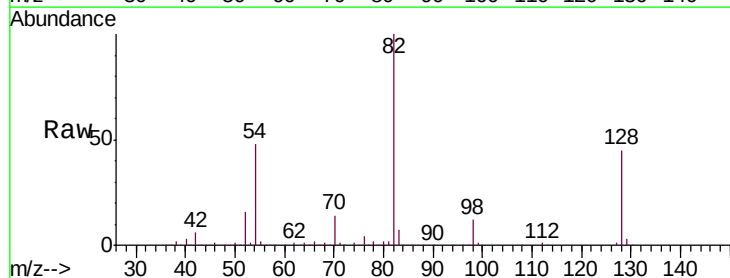


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

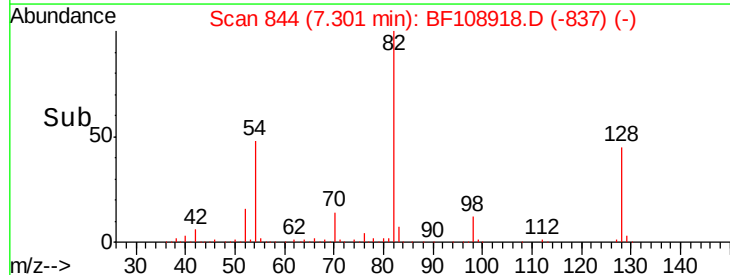
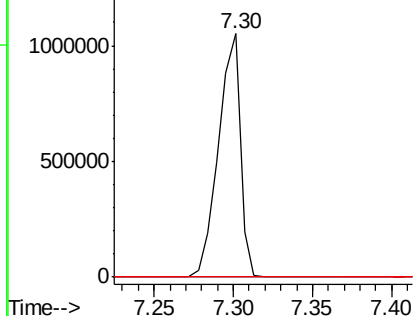


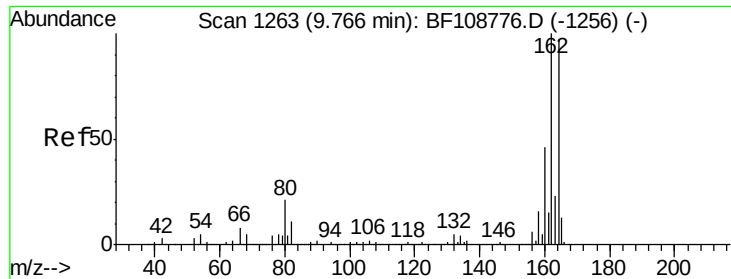
#25
 Isophorone
 Concen: 55.621 ng
 RT: 7.30 min Scan# 844
 Delta R.T. -0.26 min
 Lab File: BF108918.D
 Acq: 11 Sep 2018 3:04

Tgt Ion: 82 Resp: 1005280
 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

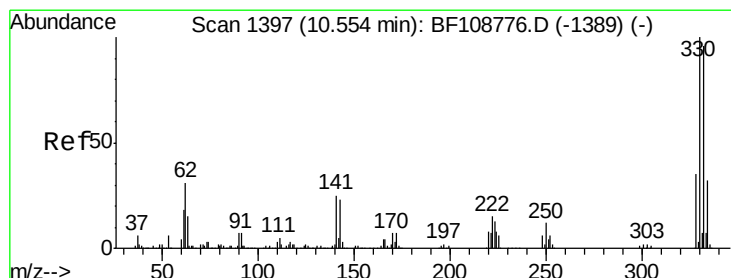
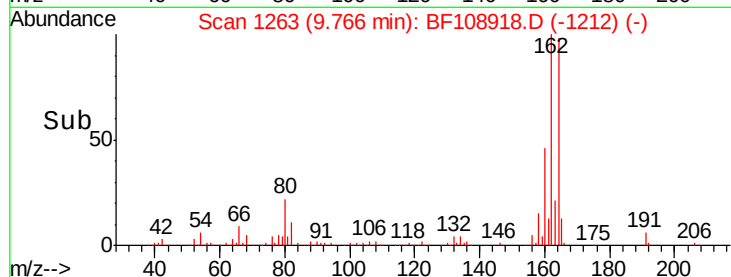
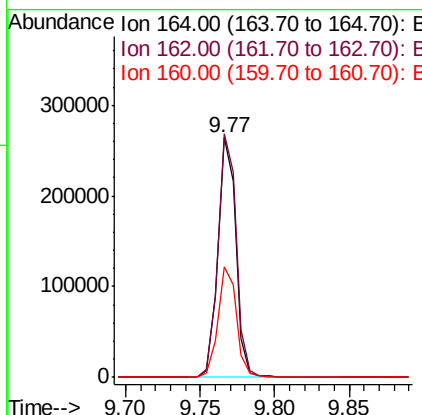
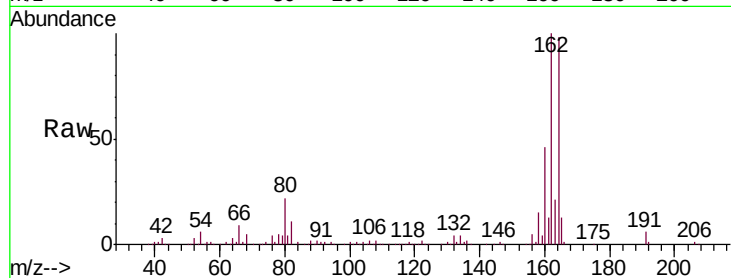




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BF108918.D
 Acq: 11 Sep 2018 3:04

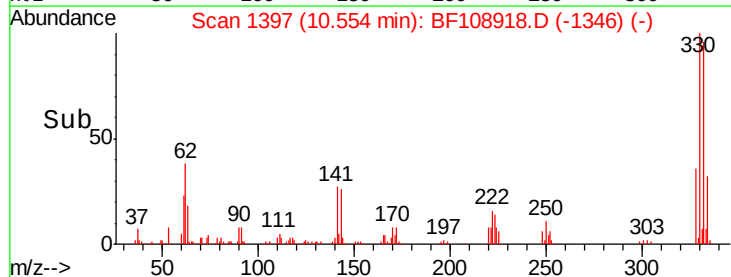
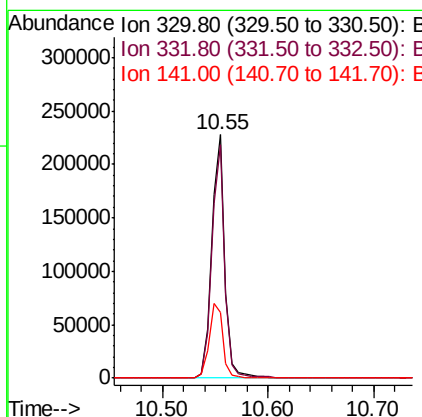
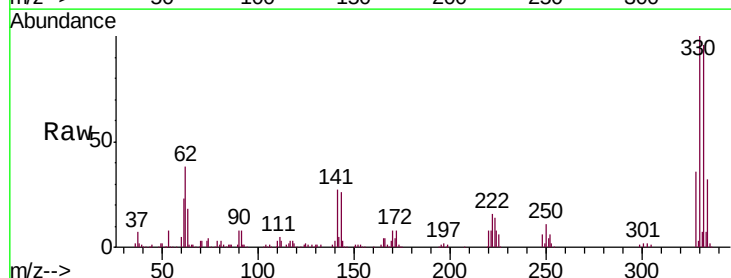
Instrument :
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 ClientSampleId :
 090618-SIDI-F-U-B

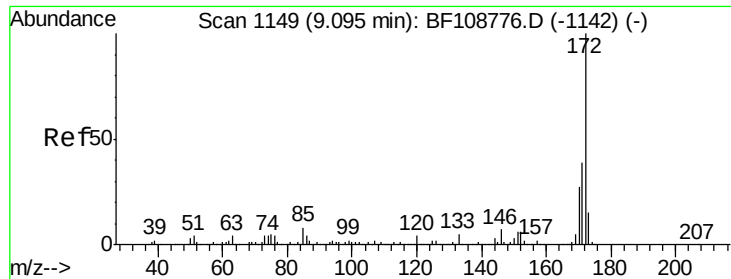
Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	86.1	129.1
160	46.2	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 93.098 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: BF108918.D
 Acq: 11 Sep 2018 3:04

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	32.3	29.9	44.9

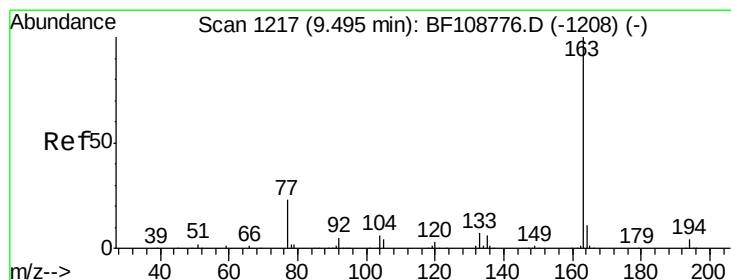
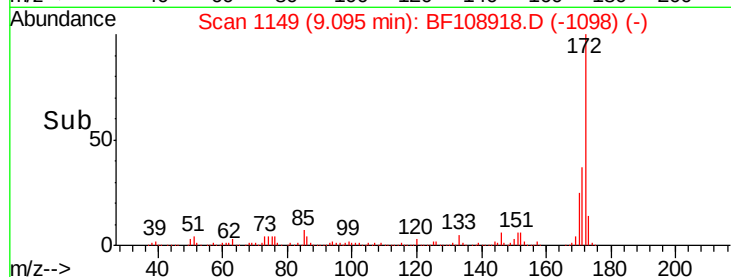
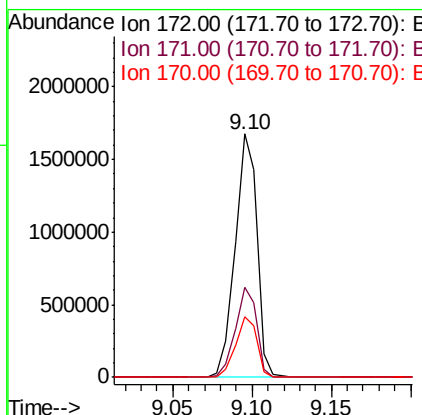
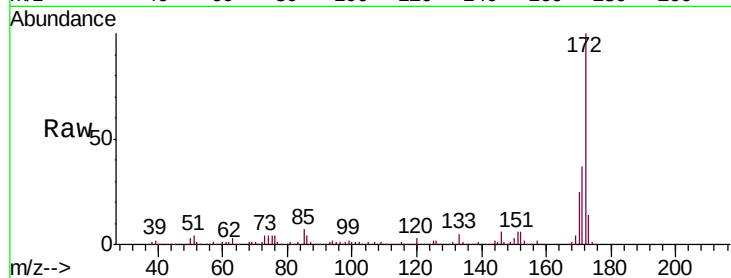




#44
 2-Fluorobiphenyl
 Concen: 122.236 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BF108918.D
 Acq: 11 Sep 2018 3:04

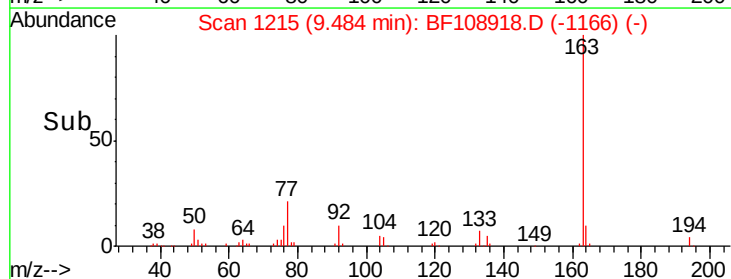
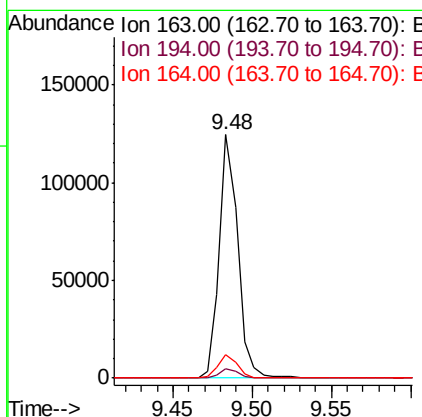
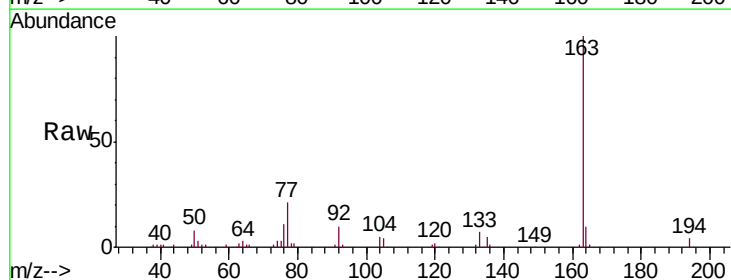
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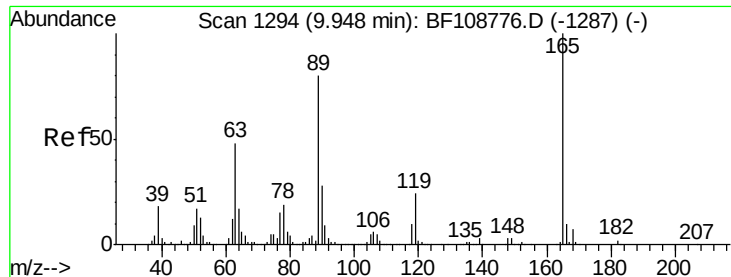
Tgt Ion:172 Resp: 1601357
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.8 19.6 29.4



#49
 Dimethylphthalate
 Concen: 6.480 ng
 RT: 9.48 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF108918.D
 Acq: 11 Sep 2018 3:04

Tgt Ion:163 Resp: 101296
 Ion Ratio Lower Upper
 163 100
 194 4.0 2.7 4.1
 164 9.7 8.2 12.2

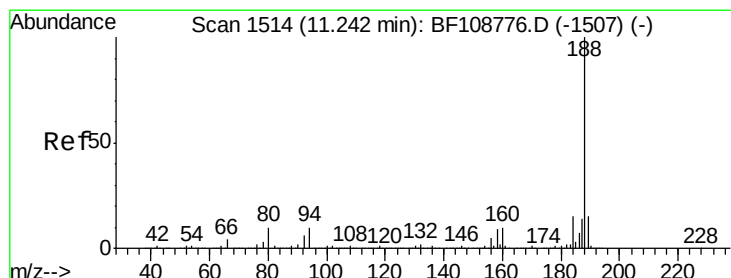
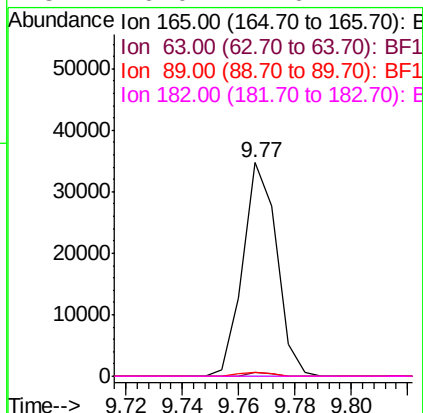
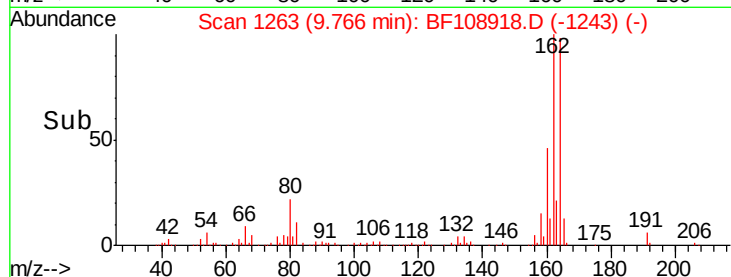
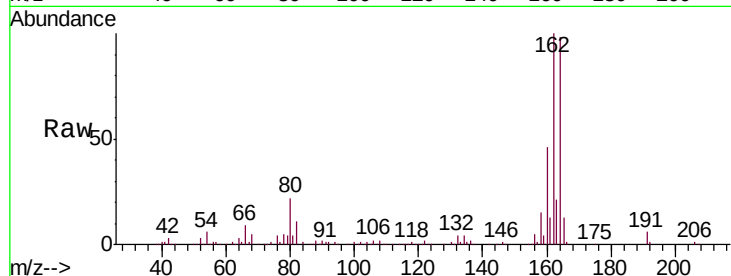




#56
 2,4-Dinitrotoluene
 Concen: 7.604 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.18 min
 Lab File: BF108918.D
 Acq: 11 Sep 2018 3:04

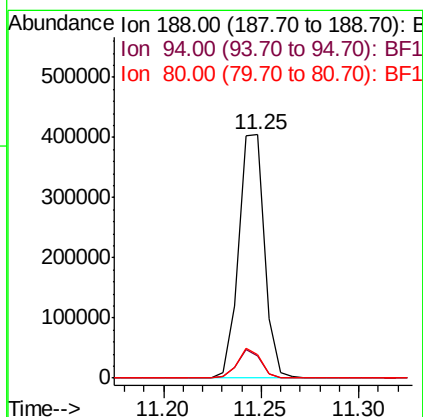
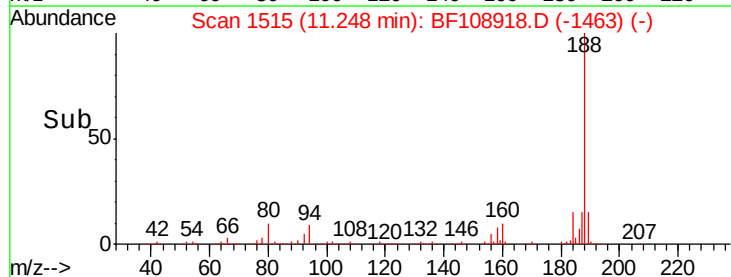
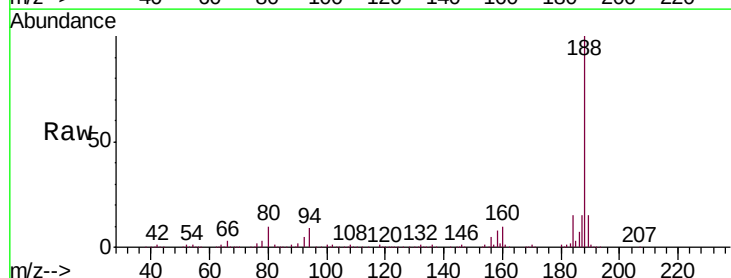
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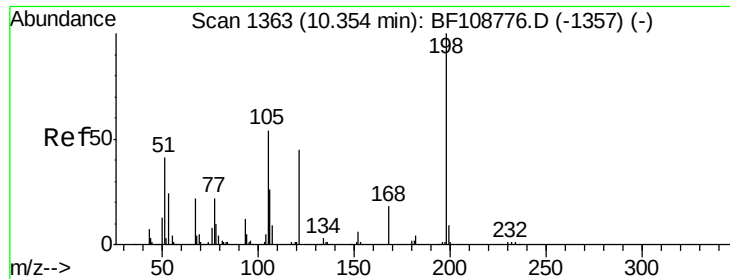
Tgt Ion:	165	Resp:	28964
Ion Ratio	Lower	Upper	
165	100		
63	1.7	36.4	54.6#
89	2.1	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1515
 Delta R.T. 0.01 min
 Lab File: BF108918.D
 Acq: 11 Sep 2018 3:04

Tgt Ion:	188	Resp:	370988
Ion Ratio	Lower	Upper	
188	100		
94	9.3	8.5	12.7
80	9.6	9.2	13.8

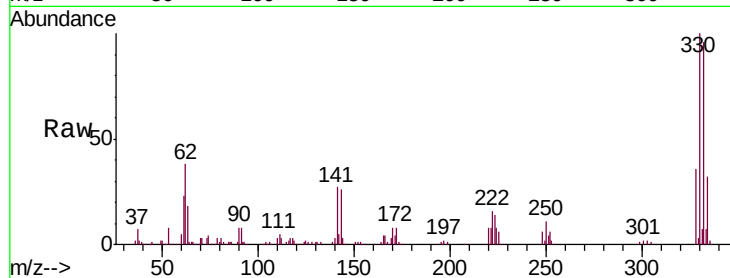




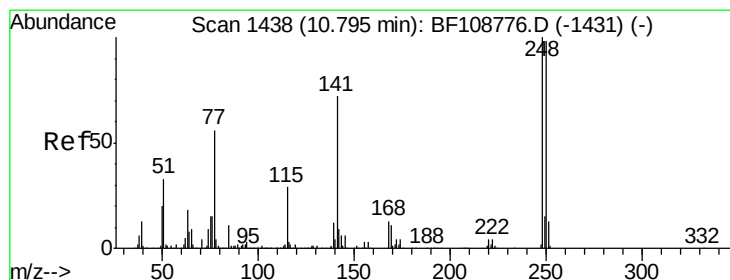
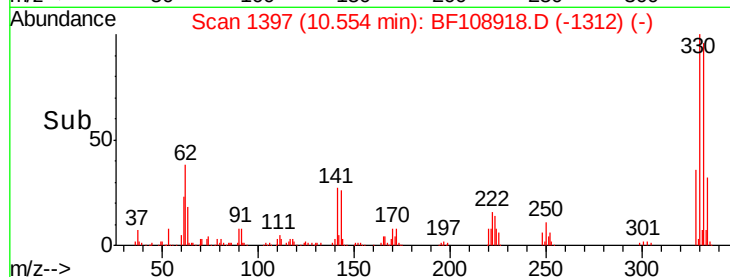
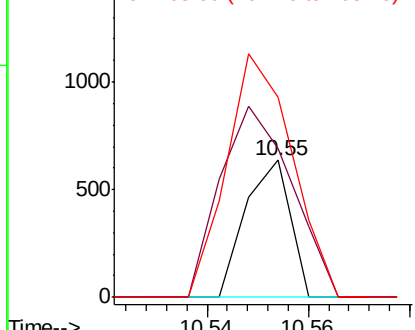
#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.096 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. 0.20 min
 Lab File: BF108918.D
 Acq: 11 Sep 2018 3:04

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

Tgt Ion:198 Resp: 388
 Ion Ratio Lower Upper
 198 100
 51 109.3 37.7 77.7#
 105 146.1 36.3 76.3#

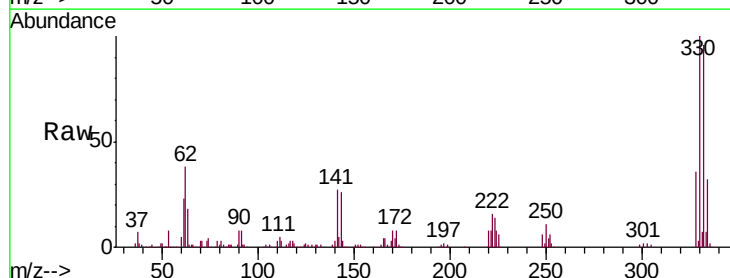


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

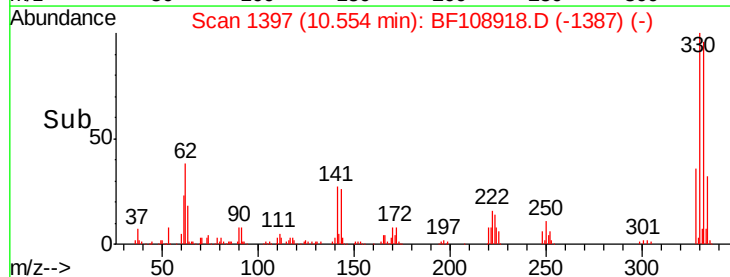
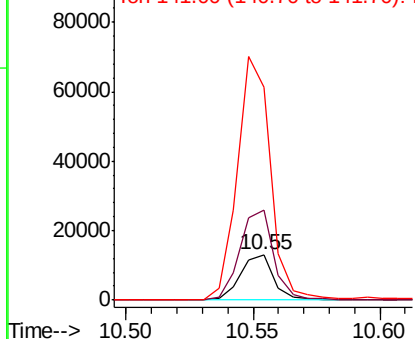


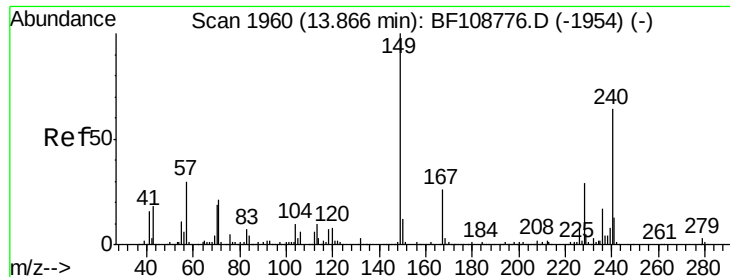
#66
 4-Bromophenyl-phenylether
 Concen: 2.792 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.24 min
 Lab File: BF108918.D
 Acq: 11 Sep 2018 3:04

Tgt Ion:248 Resp: 11700
 Ion Ratio Lower Upper
 248 100
 250 195.9 76.9 115.3#
 141 465.4 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: BF108918.D

Acq: 11 Sep 2018 3:04

Instrument :

BNA_F

ClientSampleId :

090618-SIDI-F-U-B

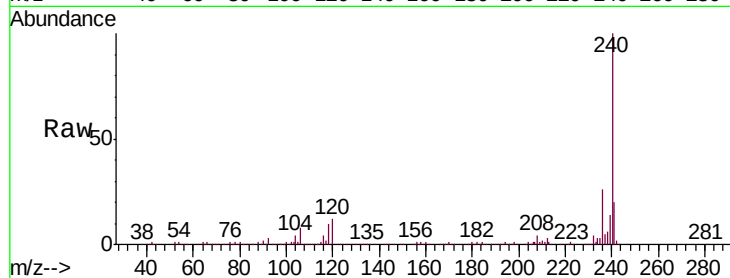
Tgt Ion:240 Resp: 391443

Ion Ratio Lower Upper

240 100

120 12.0 9.5 14.3

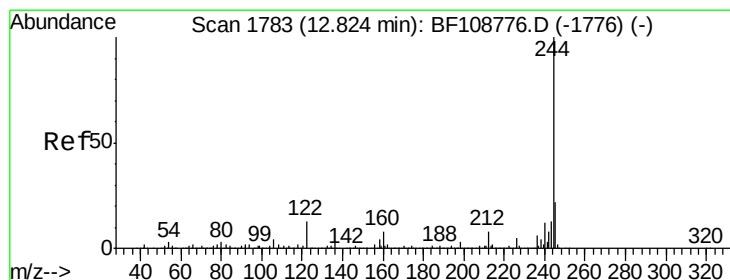
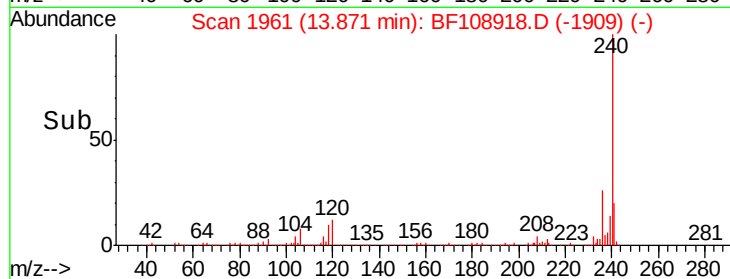
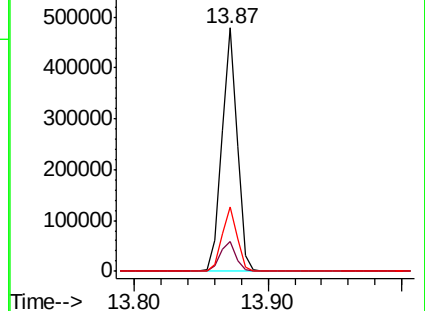
236 26.3 20.7 31.1



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: 82.222 ng

RT: 12.83 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF108918.D

Acq: 11 Sep 2018 3:04

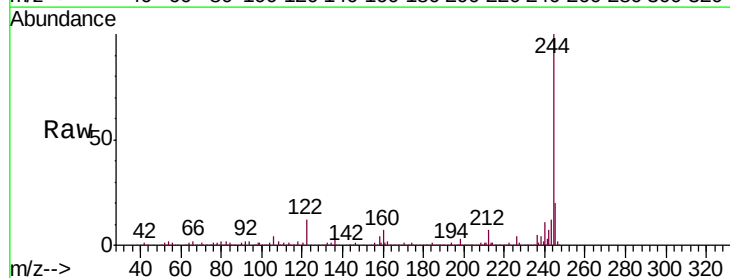
Tgt Ion:244 Resp: 1380214

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

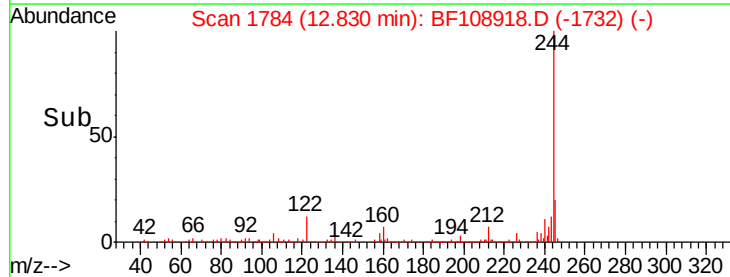
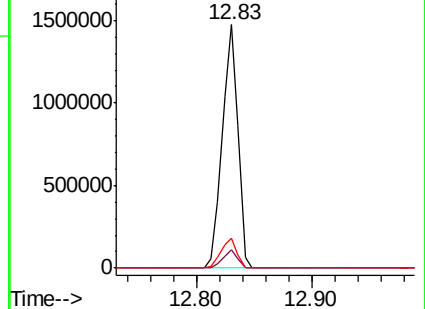
122 12.3 11.0 16.4

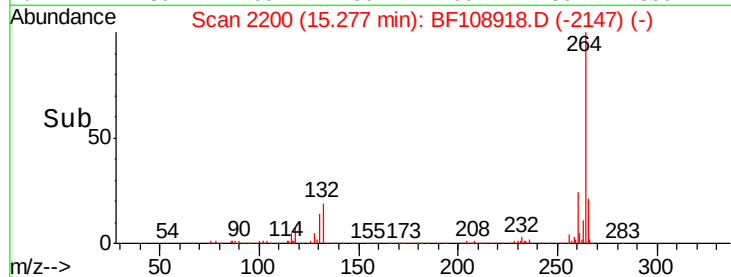
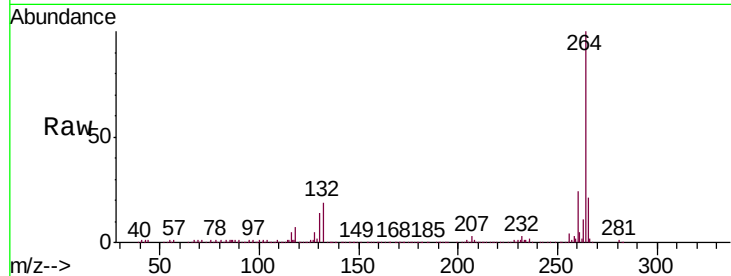
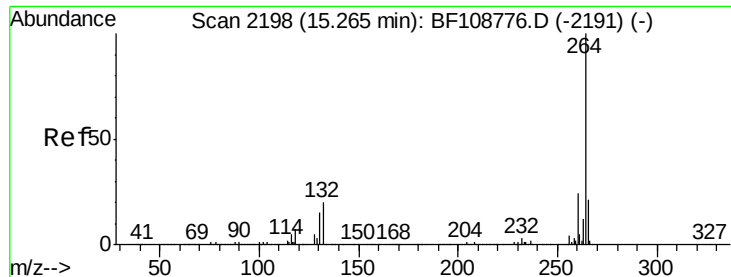


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF108918.D
Acq: 11 Sep 2018 3:04

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.3	17.5	26.3

