

Data File : BF108917.D
Acq On : 11 Sep 2018 2:37
Operator : JU/SJ
Sample : J4830-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

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

Quant Time: Sep 11 04:51:16 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	149282	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	505210	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	200880	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	361747	20.00	ng	0.00
75) Chrysene-d12	13.87	240	385803	20.00	ng	0.00
86) Perylene-d12	15.28	264	272853	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	422606	46.90	ng	0.01
7) Phenol-d6	6.37	99	319779	27.58	ng	0.00
23) Nitrobenzene-d5	7.30	82	915032	113.35	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	198914	103.73	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1460056	124.00	ng	0.00
78) Terphenyl-d14	12.83	244	1432784	86.60	ng	0.00

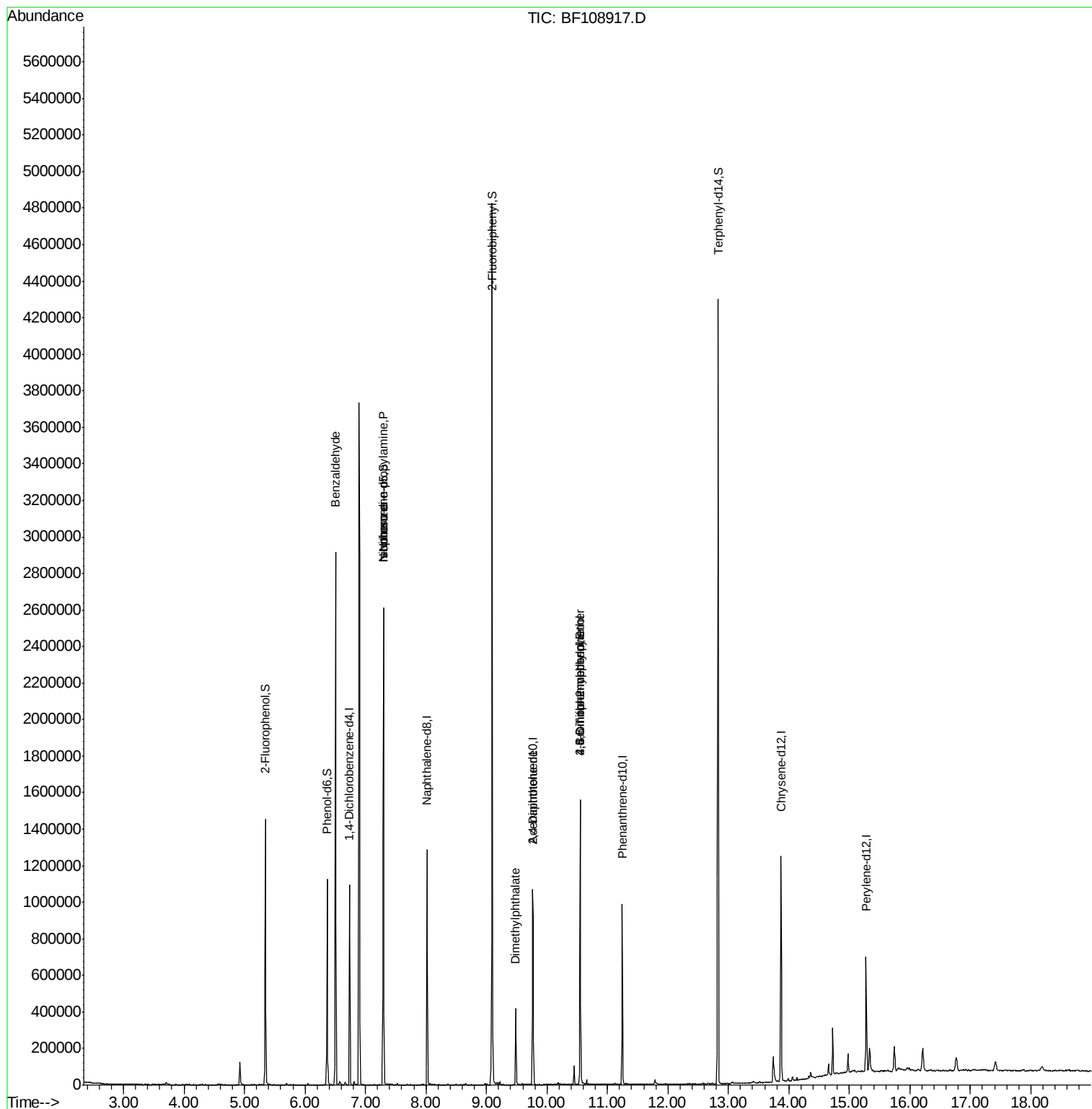
Target Compounds				Qvalue		
9) Benzaldehyde	6.51	77	16715	2.032	ng	# 75
19) n-Nitroso-di-n-propylamine	7.30	70	123372	15.308	ng	# 76
25) Isophorone	7.30	82	909550	56.484	ng	# 64
49) Dimethylphthalate	9.48	163	152537	10.857	ng	# 99
56) 2,4-Dinitrotoluene	9.77	165	25681	7.501	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.55	198	382	7.099	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	11904	2.914	ng	# 1

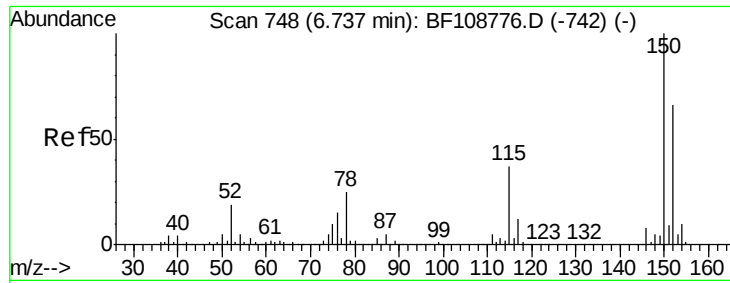
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BF108917.D
Acq On : 11 Sep 2018 2:37
Operator : JU/SJ
Sample : J4830-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

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

Quant Time: Sep 11 04:51:16 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

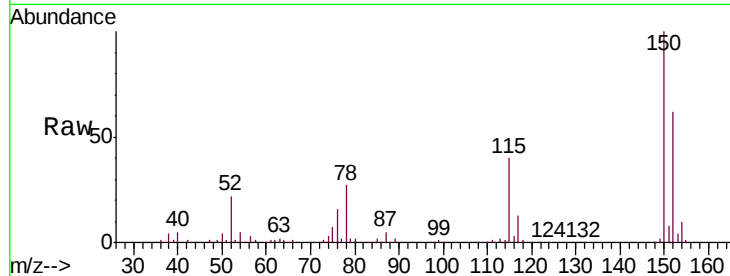




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF108917.D
 Acq: 11 Sep 2018 2:37

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

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.7	124.6	186.8
115	64.2	50.1	75.1

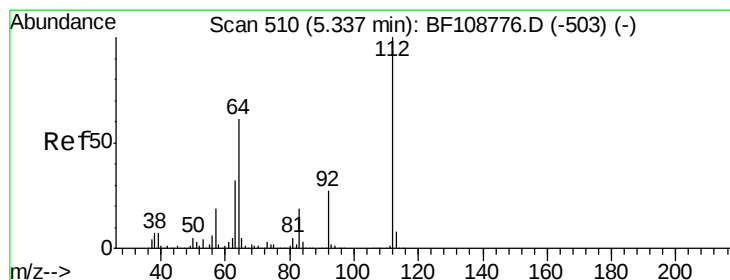
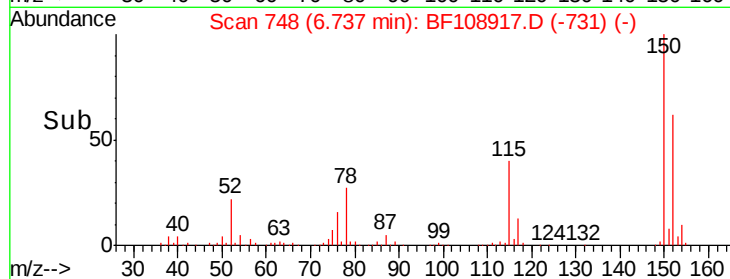
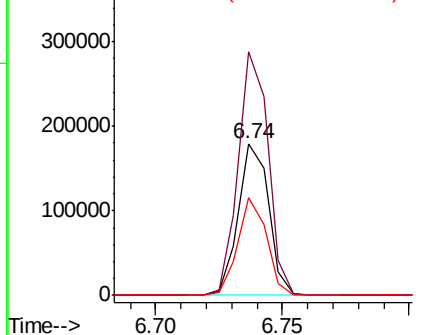


Abundance

Ion 152.00 (151.70 to 152.70): E

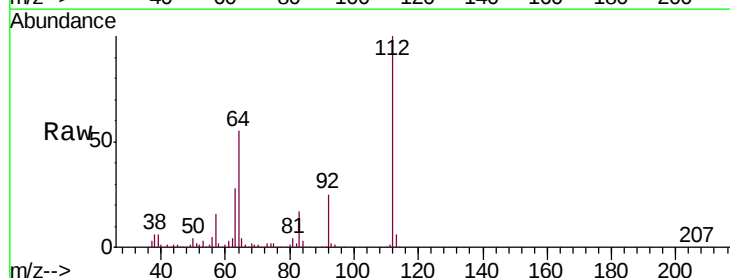
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 46.899 ng
 RT: 5.35 min Scan# 512
 Delta R.T. 0.01 min
 Lab File: BF108917.D
 Acq: 11 Sep 2018 2:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.0	47.9	71.9
63	27.8	23.7	35.5

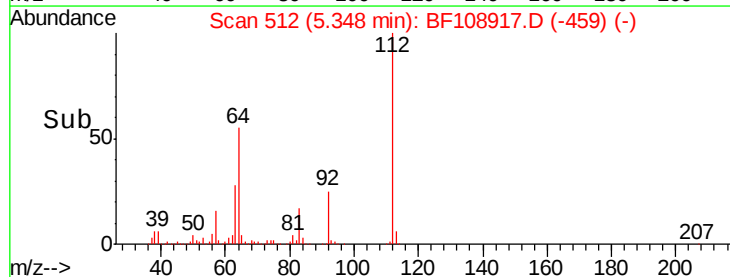
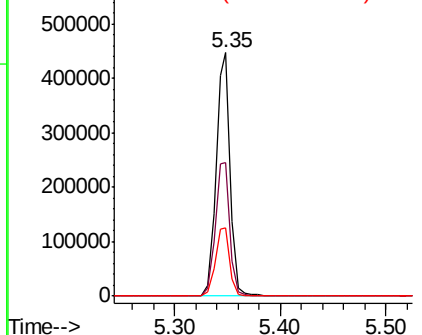


Abundance

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: 27.581 ng

RT: 6.37 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF108917.D

Acq: 11 Sep 2018 2:37

Instrument :

BNA_F

ClientSampleId :

090618-SIDI-F-D-S

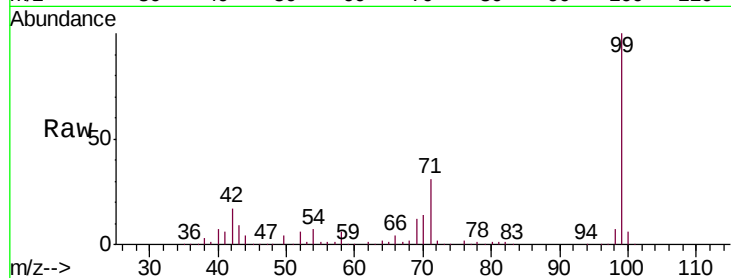
Tgt Ion: 99 Resp: 319779

Ion Ratio Lower Upper

99 100

42 17.1 14.5 21.7

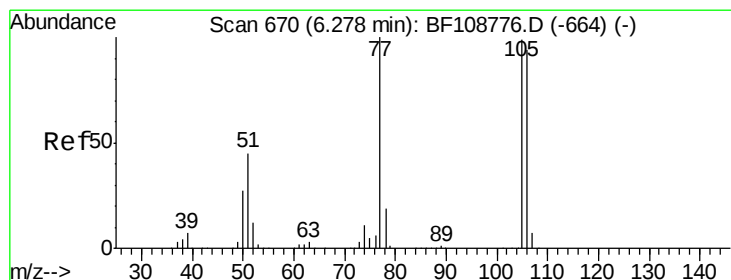
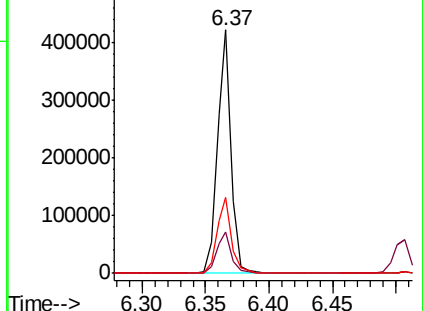
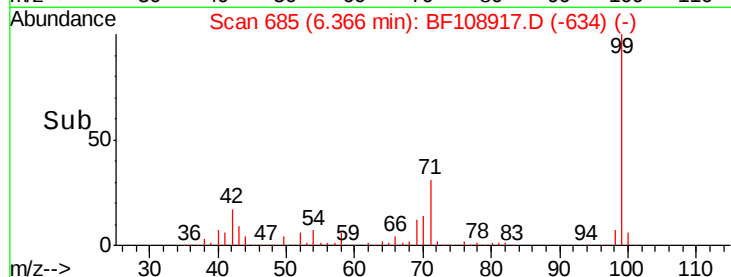
71 31.4 25.4 38.0



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: 2.032 ng

RT: 6.51 min Scan# 709

Delta R.T. 0.23 min

Lab File: BF108917.D

Acq: 11 Sep 2018 2:37

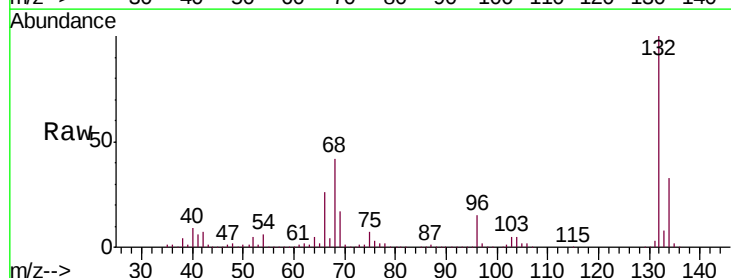
Tgt Ion: 77 Resp: 16715

Ion Ratio Lower Upper

77 100

105 77.2 81.1 121.1#

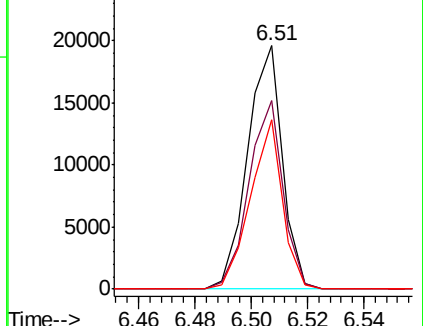
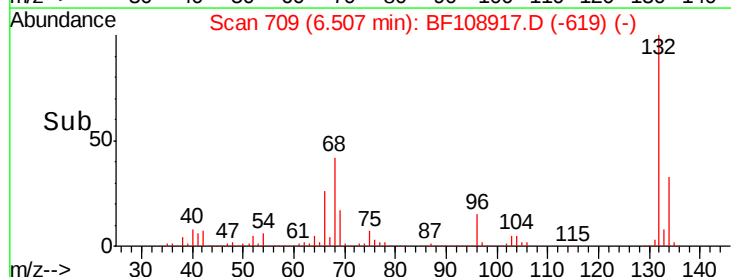
106 69.6 74.5 114.5#

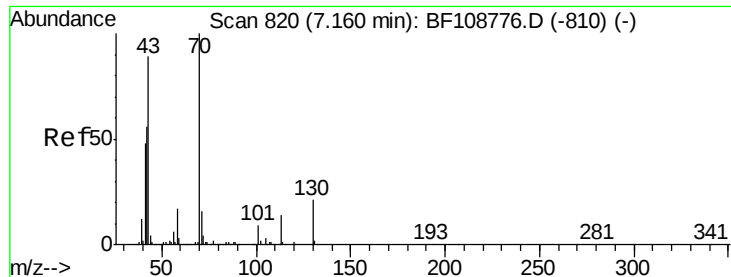


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

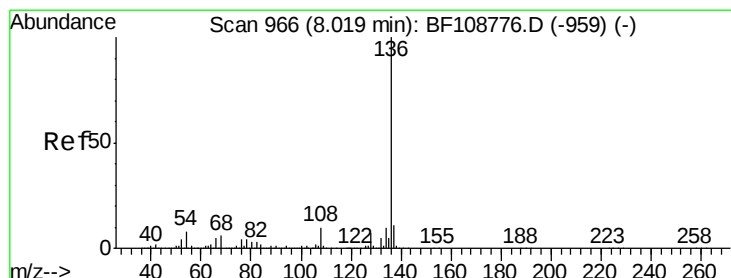
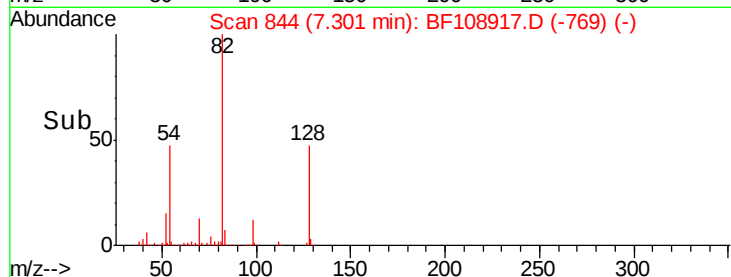
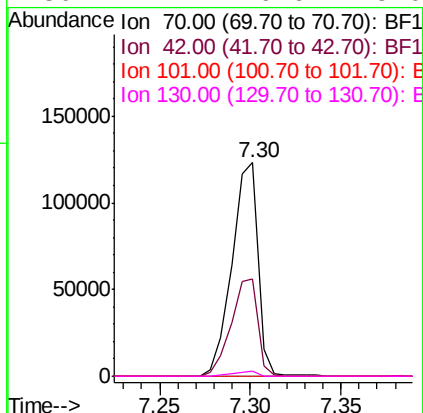
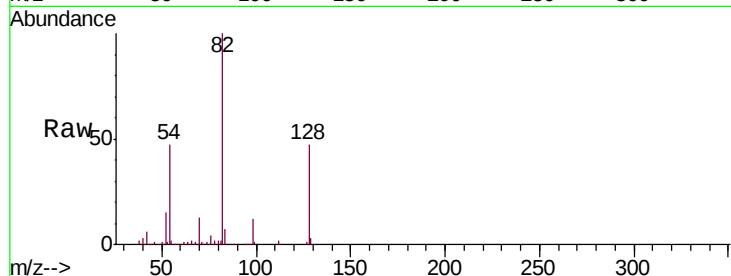




#19
n-Nitroso-di-n-propylamine
Concen: 15.308 ng
RT: 7.30 min Scan# 844
Delta R.T. 0.14 min
Lab File: BF108917.D
Acq: 11 Sep 2018 2:37

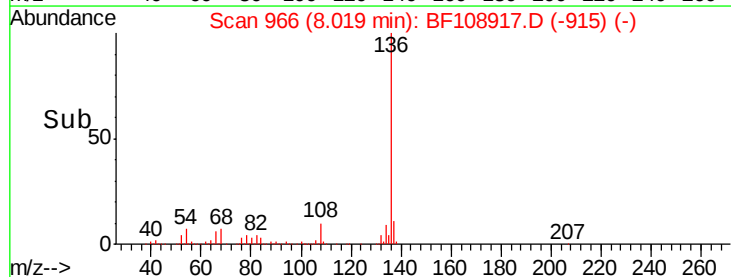
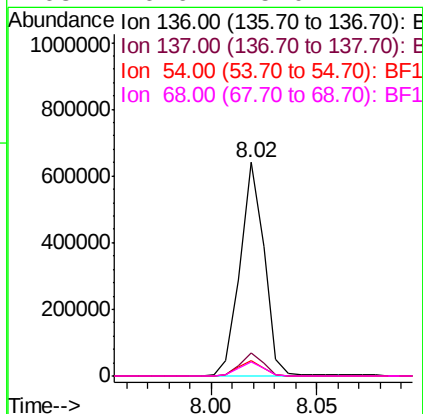
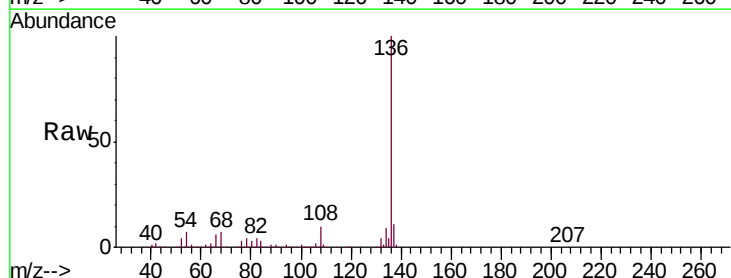
Instrument :
BNA_F
ClientSampleId :
090618-SIDI-F-D-S

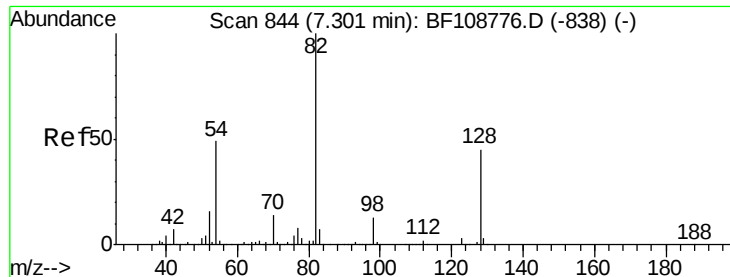
Tgt Ion:	70	Resp:	123372
Ion	Ratio	Lower	Upper
70	100		
42	45.3	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. 0.00 min
Lab File: BF108917.D
Acq: 11 Sep 2018 2:37

Tgt Ion:	136	Resp:	505210
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.4	6.6	9.8
68	6.6	5.0	7.4

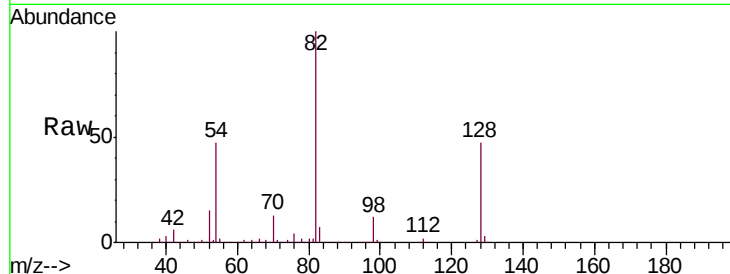




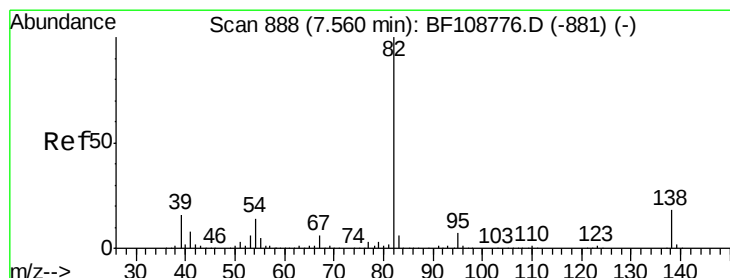
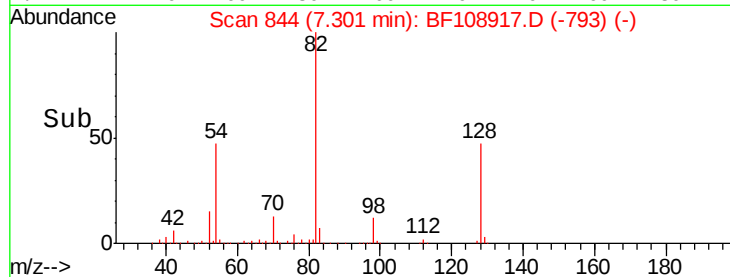
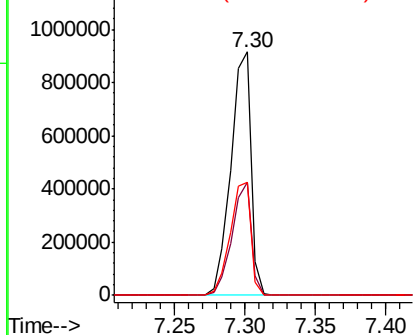
#23
 Nitrobenzene-d5
 Concen: 113.346 ng
 RT: 7.30 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: BF108917.D
 Acq: 11 Sep 2018 2:37

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

Tgt Ion: 82 Resp: 915032
 Ion Ratio Lower Upper
 82 100
 128 46.7 36.1 54.1
 54 46.6 41.4 62.2

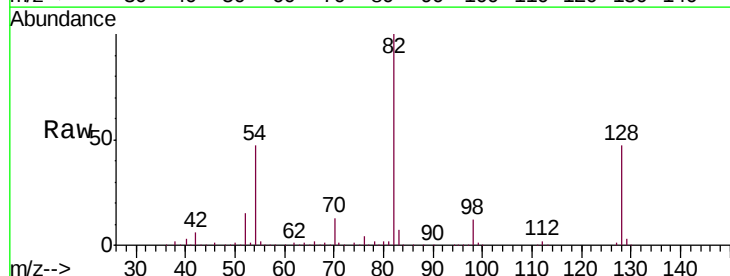


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

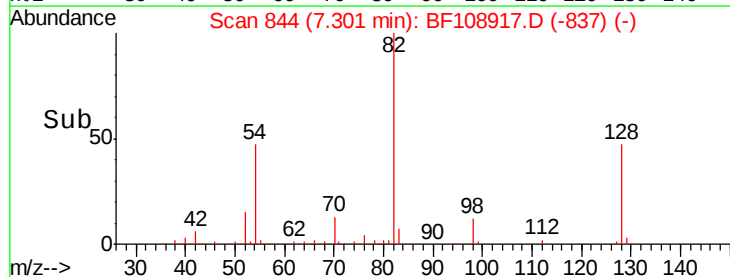
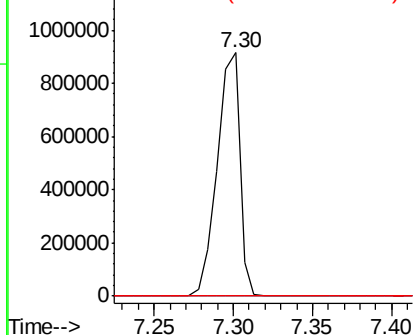


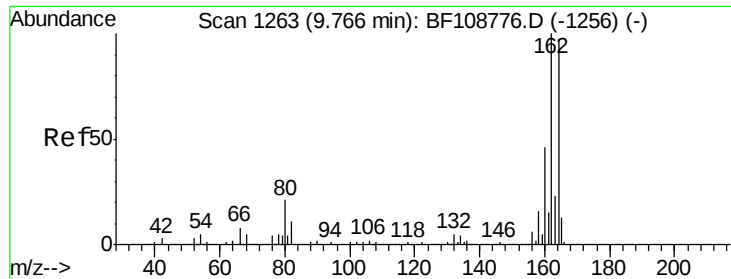
#25
 Isophorone
 Concen: 56.484 ng
 RT: 7.30 min Scan# 844
 Delta R.T. -0.26 min
 Lab File: BF108917.D
 Acq: 11 Sep 2018 2:37

Tgt Ion: 82 Resp: 909550
 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

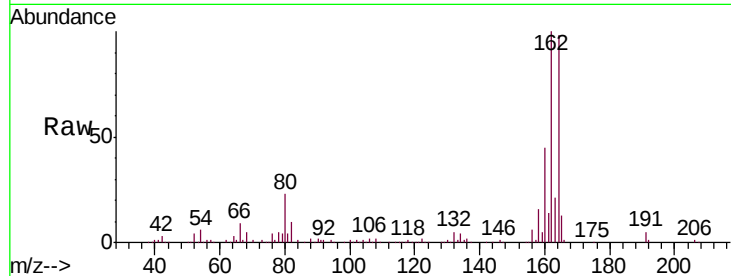




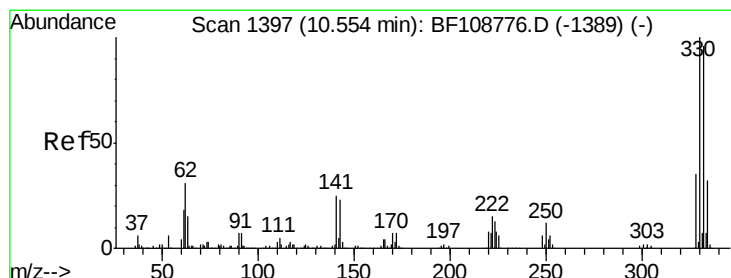
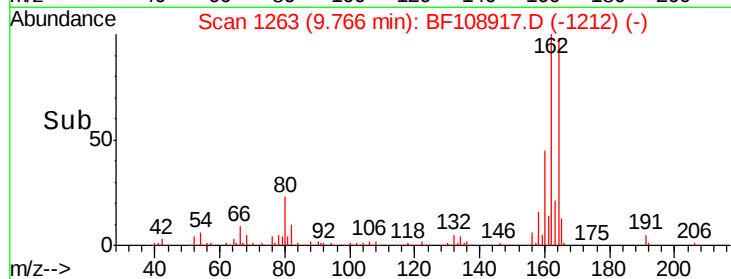
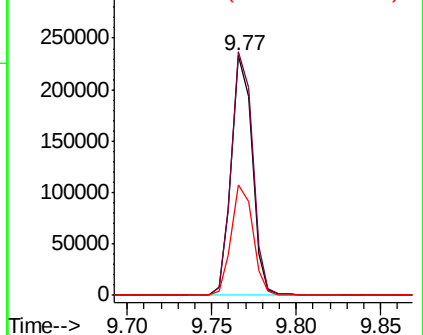
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BF108917.D
 Acq: 11 Sep 2018 2:37

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

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	86.1	129.1
160	46.1	38.3	57.5

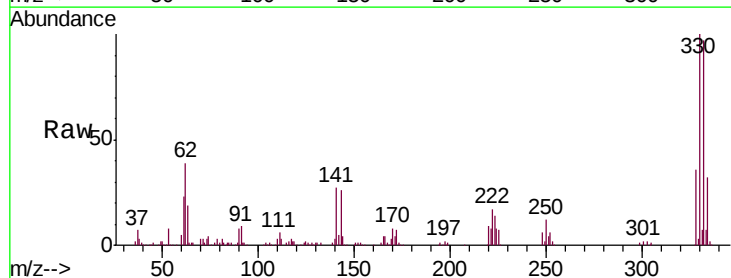


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

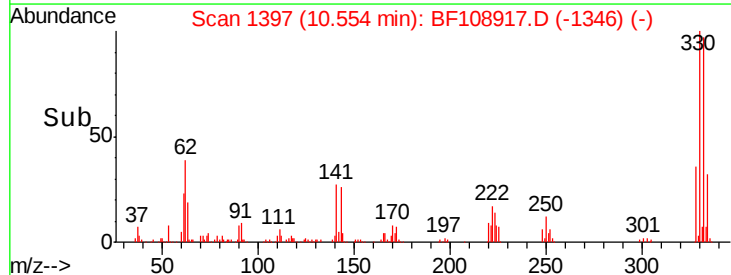
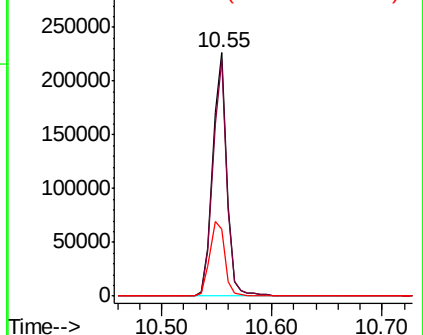


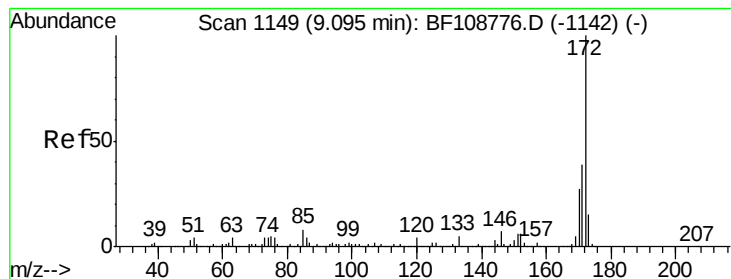
#41
 2,4,6-Tribromophenol
 Concen: 103.725 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: BF108917.D
 Acq: 11 Sep 2018 2:37

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	32.6	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

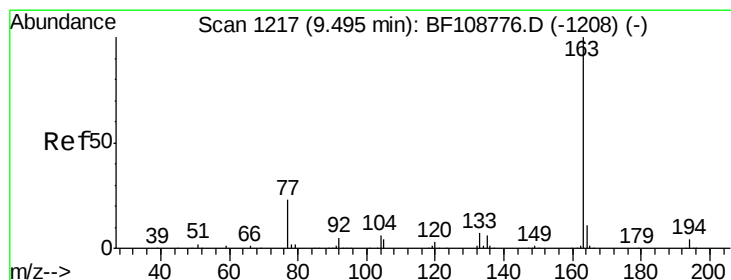
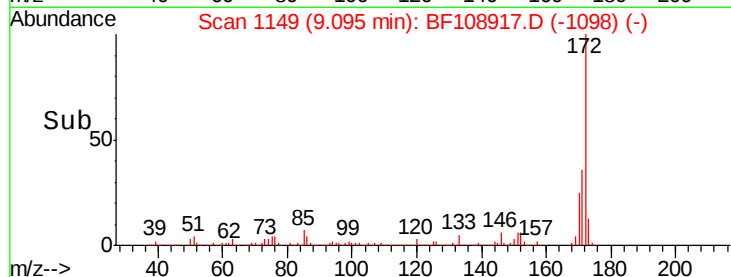
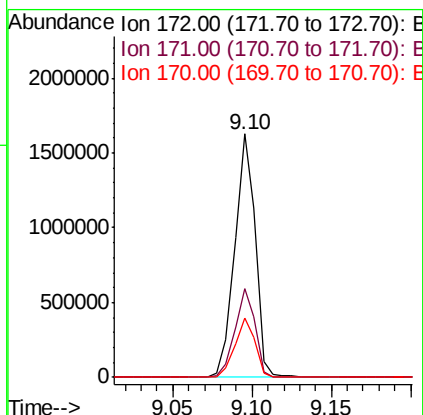
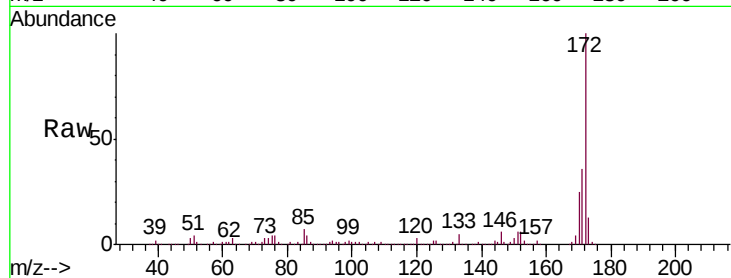




#44
2-Fluorobiphenyl
Concen: 123.996 ng
RT: 9.10 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF108917.D
Acq: 11 Sep 2018 2:37

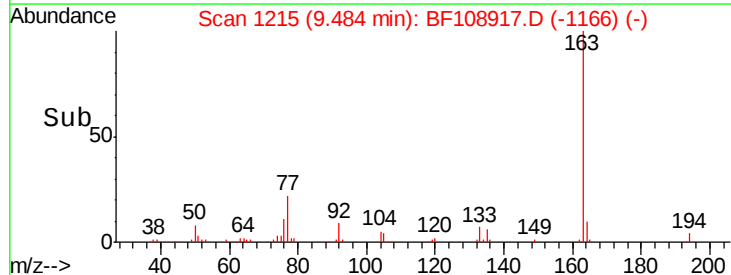
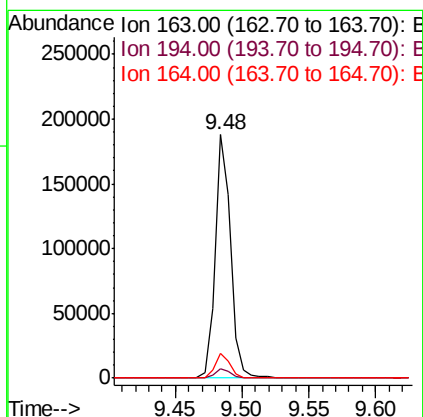
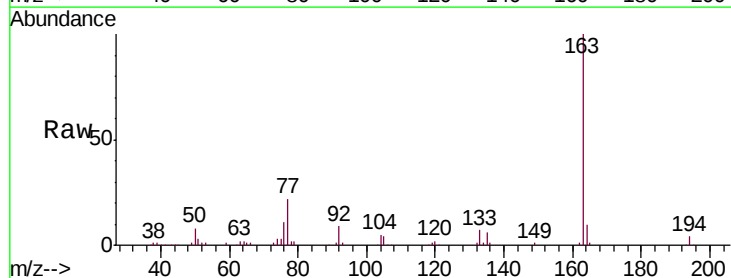
Instrument :
BNA_F
ClientSampleId :
090618-SIDI-F-D-S

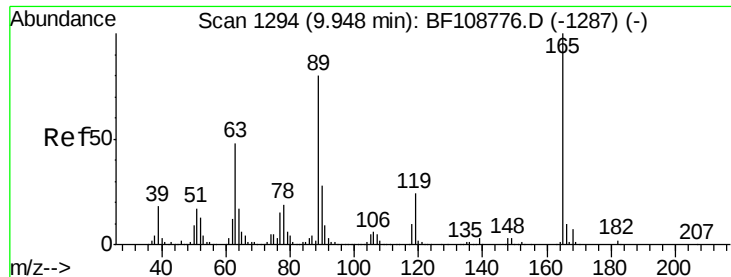
Tgt Ion:172 Resp: 1460056
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 24.5 19.6 29.4



#49
Dimethylphthalate
Concen: 10.857 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108917.D
Acq: 11 Sep 2018 2:37

Tgt Ion:163 Resp: 152537
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.4 8.2 12.2

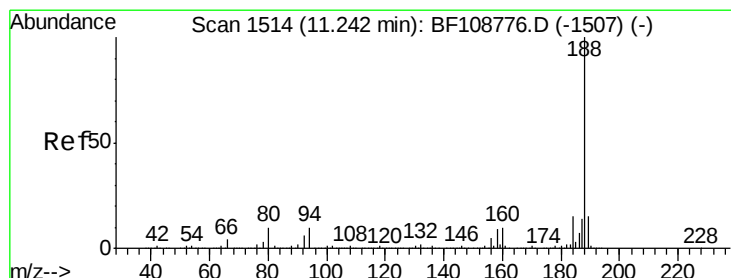
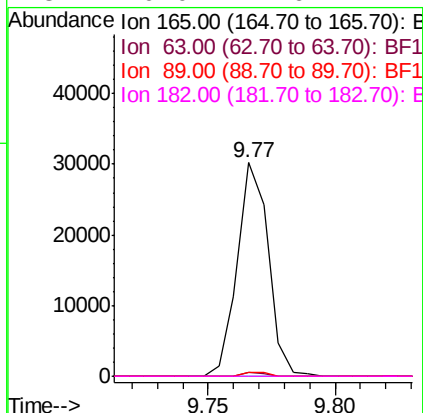
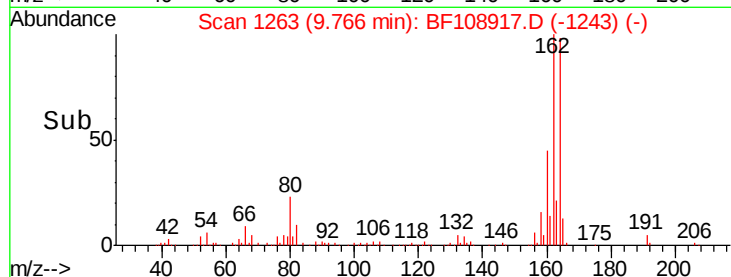
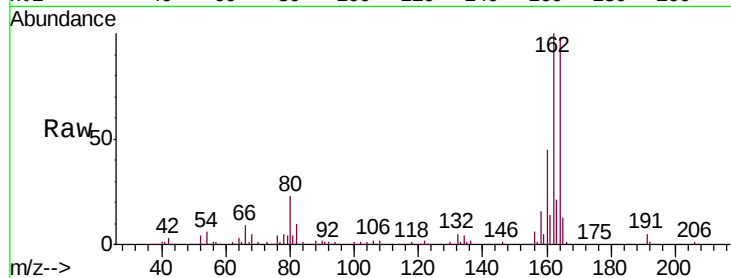




#56
 2,4-Dinitrotoluene
 Concen: 7.501 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.18 min
 Lab File: BF108917.D
 Acq: 11 Sep 2018 2:37

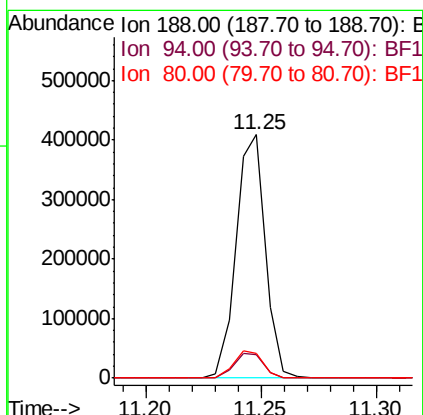
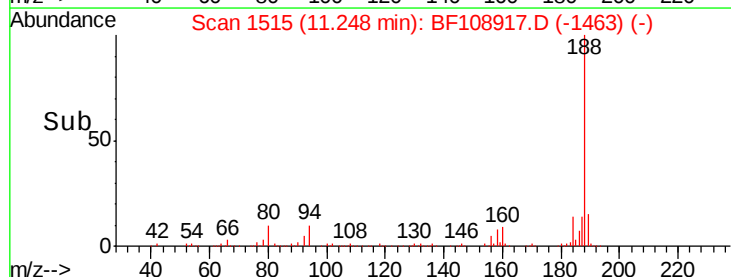
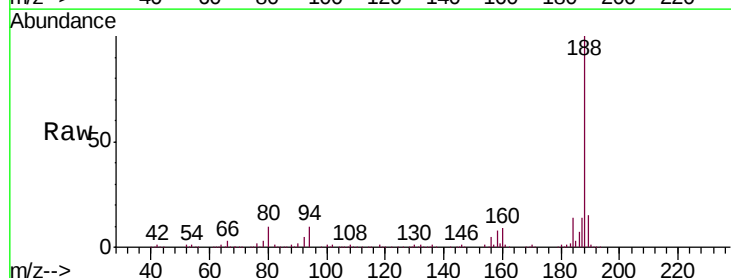
Instrument :
 BNA_F
 ClientSampleId :
 090618-SIDI-F-D-S

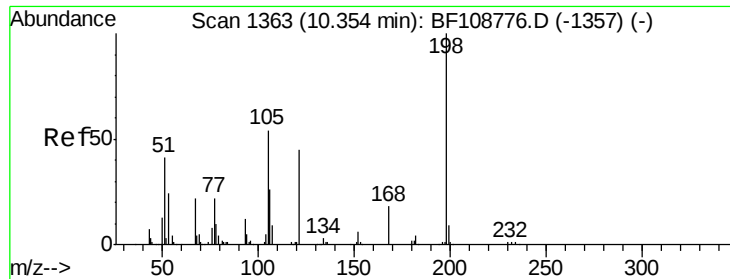
Tgt Ion:	165	Resp:	25681
Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1515
 Delta R.T. 0.01 min
 Lab File: BF108917.D
 Acq: 11 Sep 2018 2:37

Tgt Ion:	188	Resp:	361747
Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.2	9.2	13.8

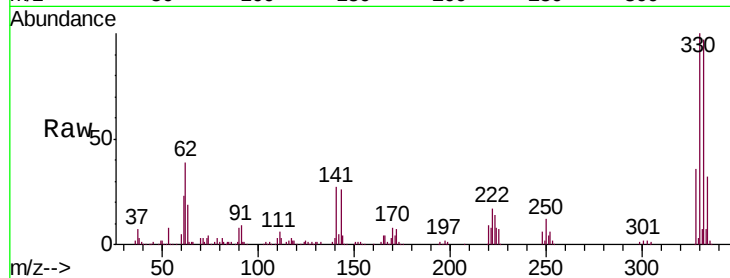




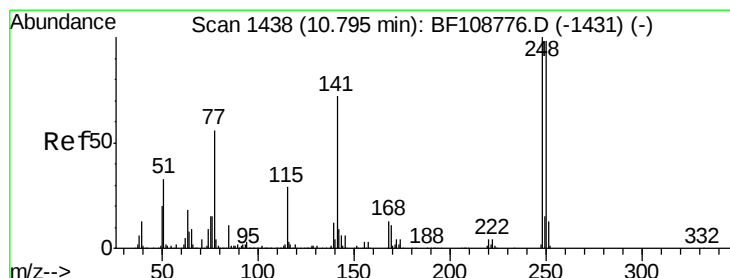
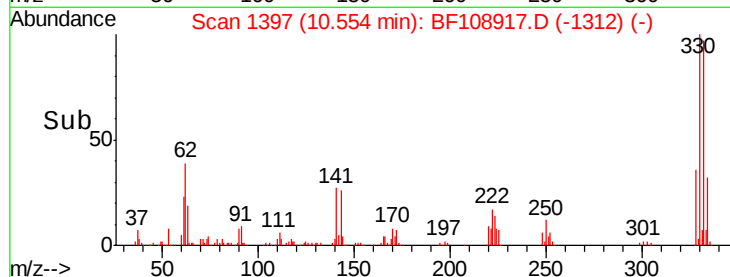
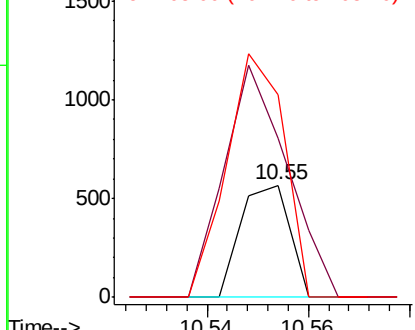
#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.099 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. 0.20 min
 Lab File: BF108917.D
 Acq: 11 Sep 2018 2:37

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

Tgt Ion:198 Resp: 382
 Ion Ratio Lower Upper
 198 100
 51 141.7 37.7 77.7#
 105 181.2 36.3 76.3#

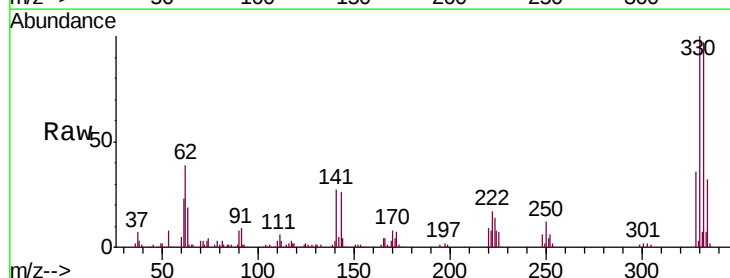


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

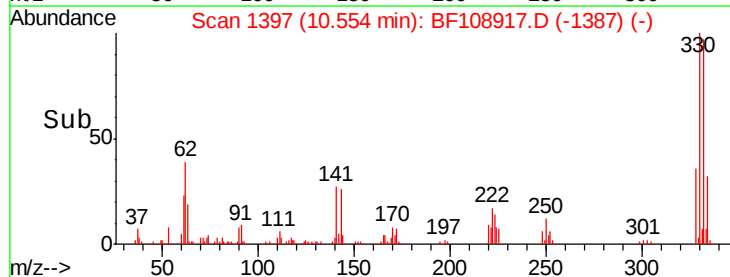
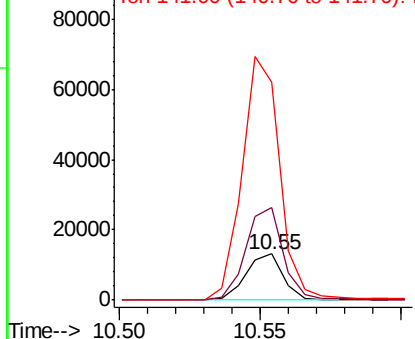


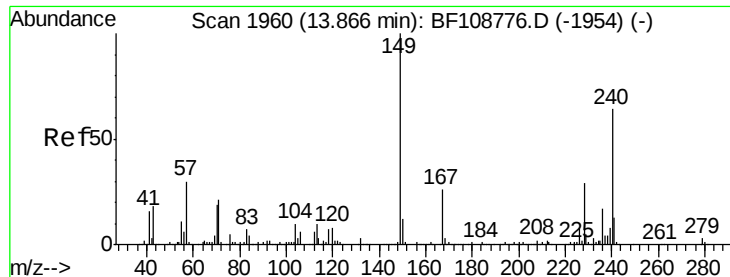
#66
 4-Bromophenyl-phenylether
 Concen: 2.914 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.24 min
 Lab File: BF108917.D
 Acq: 11 Sep 2018 2:37

Tgt Ion:248 Resp: 11904
 Ion Ratio Lower Upper
 248 100
 250 200.0 76.9 115.3#
 141 470.4 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: BF108917.D

Acq: 11 Sep 2018 2:37

Instrument :

BNA_F

ClientSampleId :

090618-SIDI-F-D-S

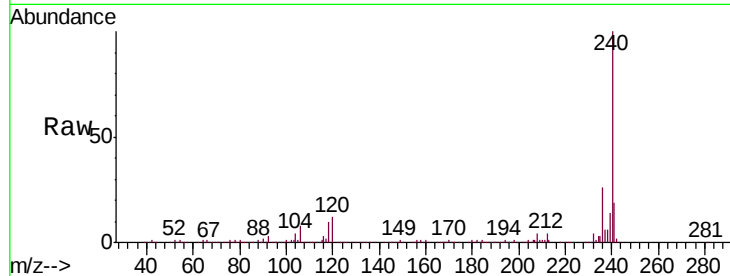
Tgt Ion:240 Resp: 385803

Ion Ratio Lower Upper

240 100

120 11.9 9.5 14.3

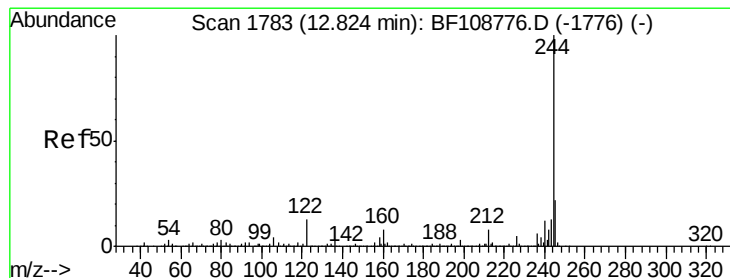
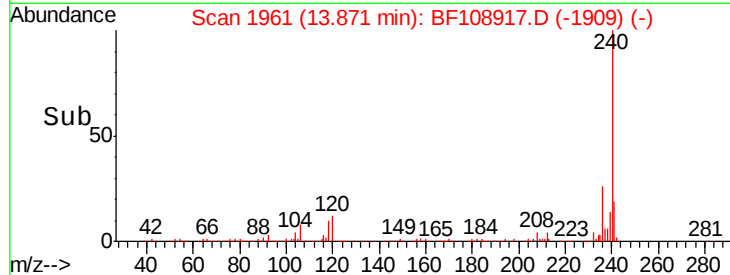
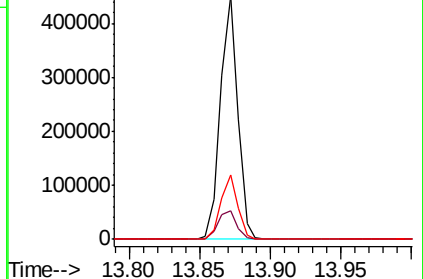
236 26.4 20.7 31.1



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: 86.601 ng

RT: 12.83 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF108917.D

Acq: 11 Sep 2018 2:37

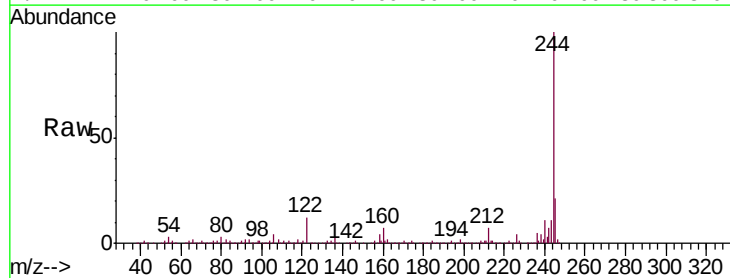
Tgt Ion:244 Resp: 1432784

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

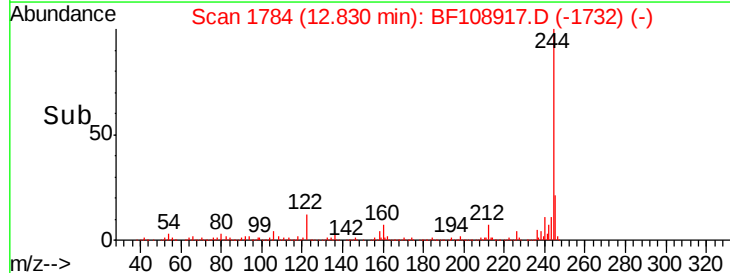
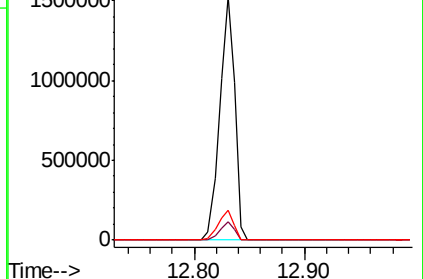
122 12.3 11.0 16.4

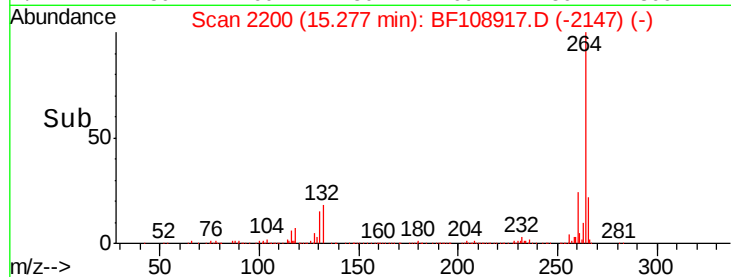
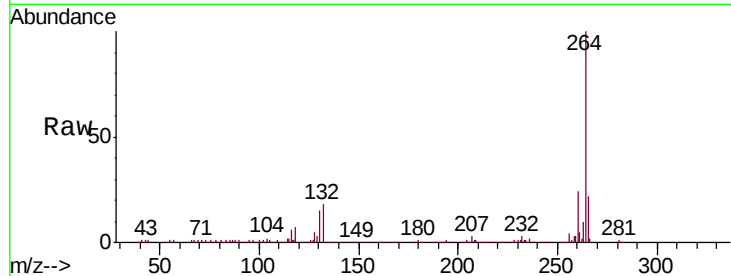
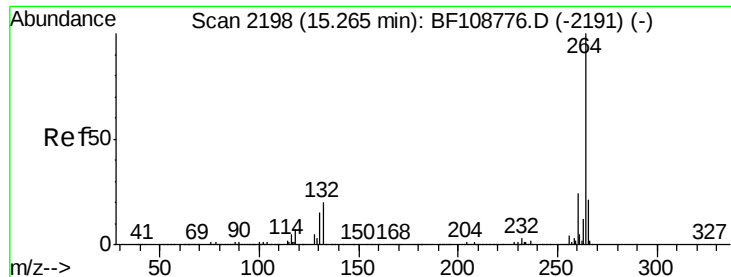


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF108917.D
Acq: 11 Sep 2018 2:37

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.7	17.5	26.3

