

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
 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 04:54:17 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

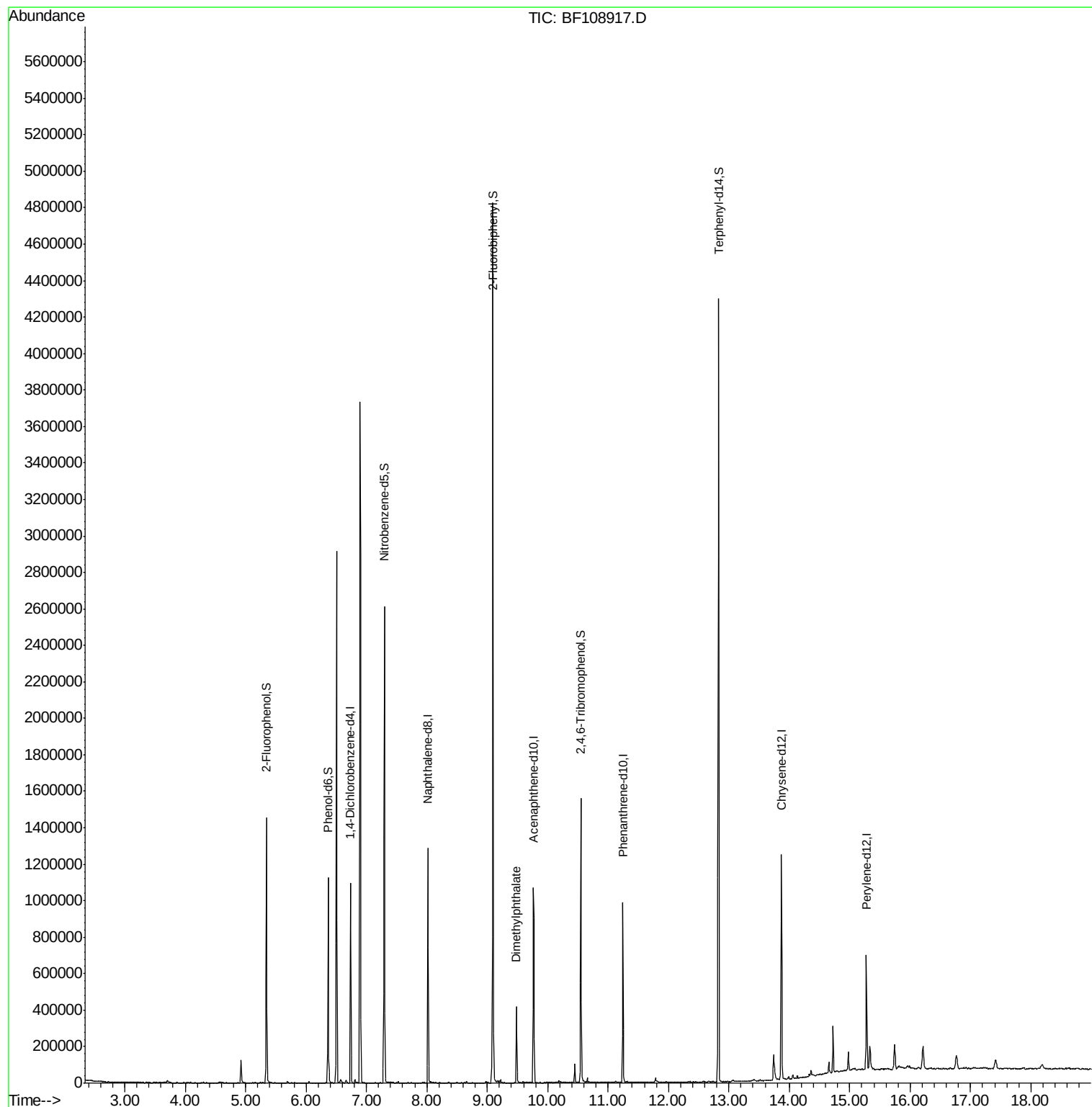
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	149282	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	505210	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	200880	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	361747	20.00	ng	0.00
75) Chrysene-d12	13.87	240	385803	20.00	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
49) Dimethylphthalate	9.48	163	152537	10.857	ng	99

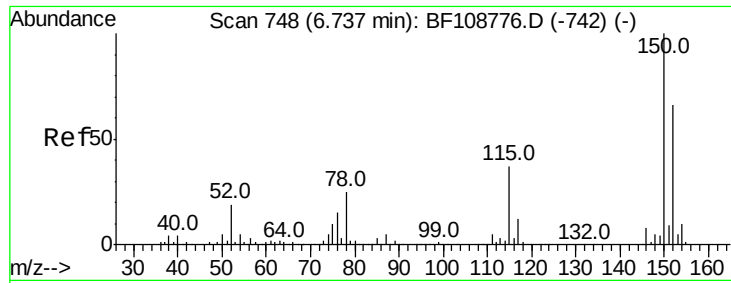
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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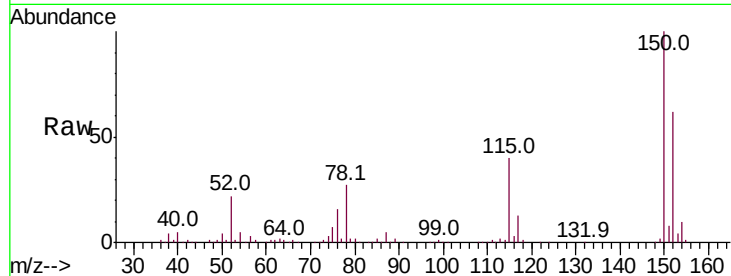


#1

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

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

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

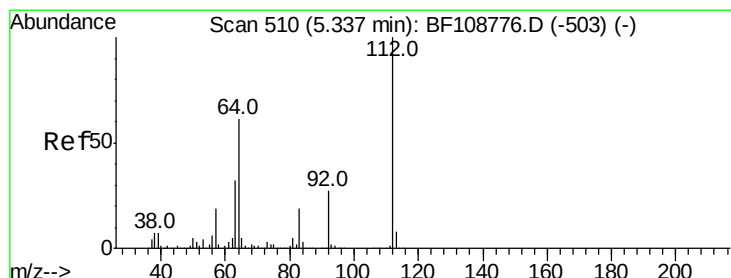
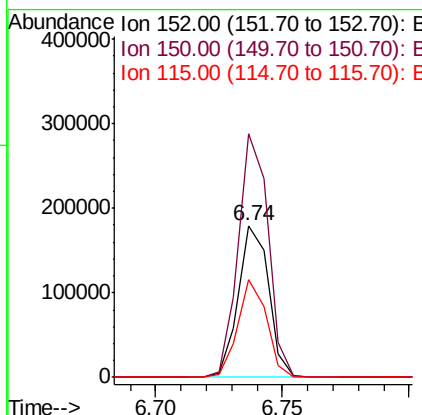
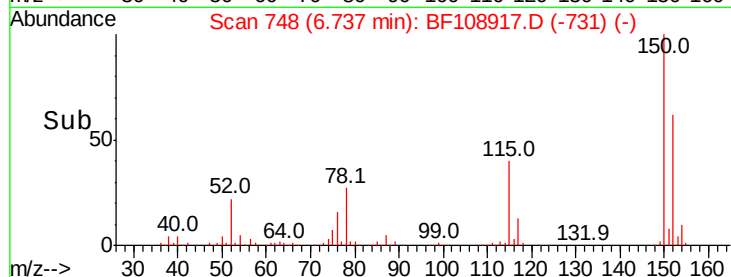


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

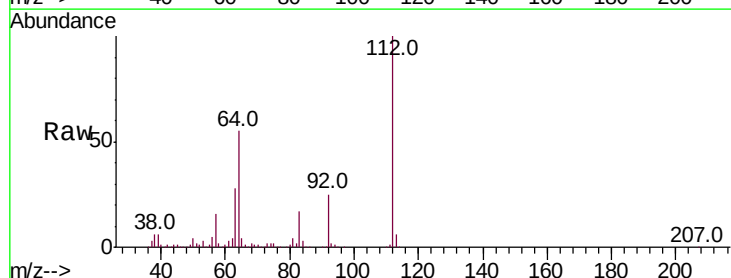
Ion 115.00 (114.70 to 115.70): E



#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

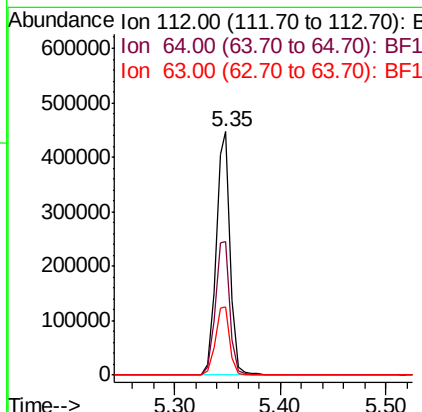
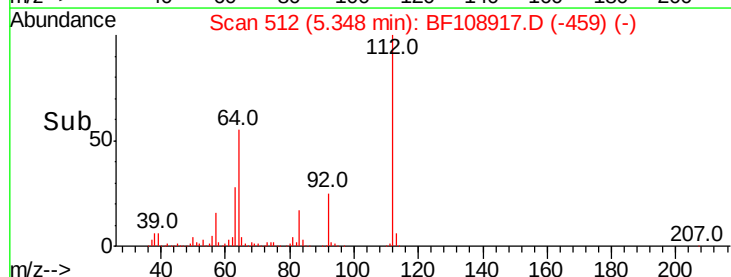


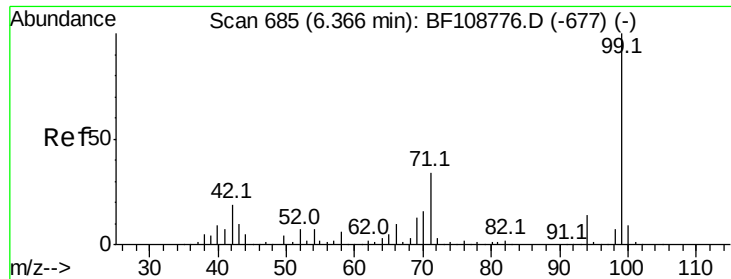
Abundance

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

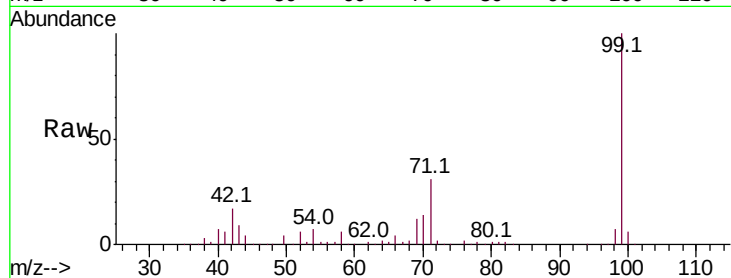
Tot Ion: 99 Resp: 319779

Ion Ratio Lower Upper

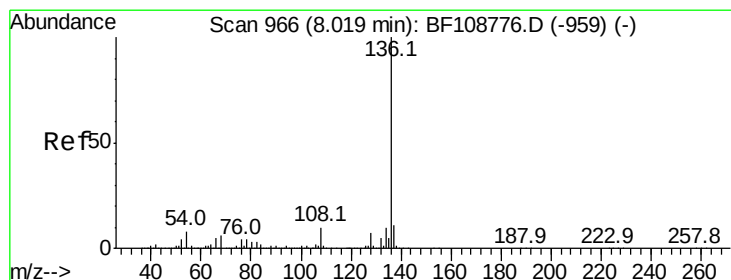
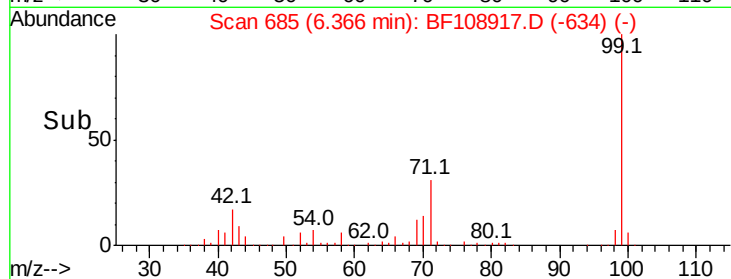
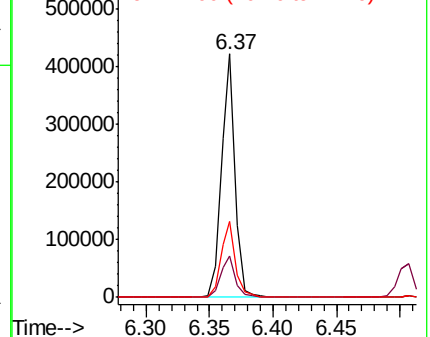
99 100

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



#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

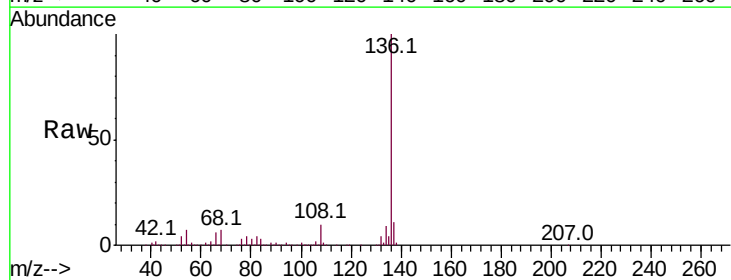
Ion Ratio Lower Upper

136 100

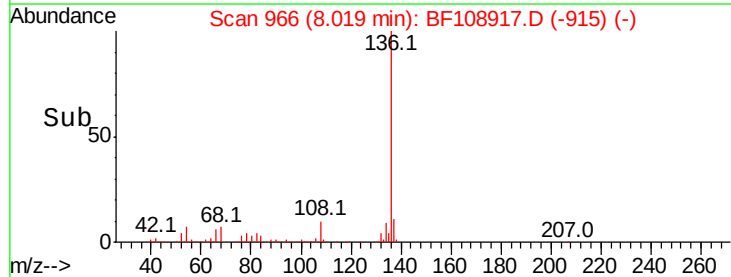
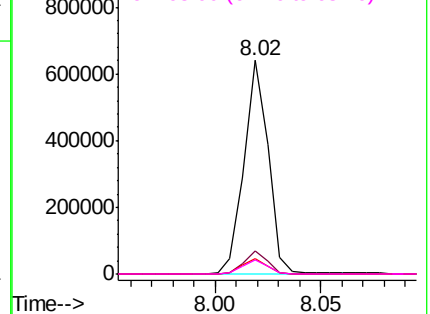
137 11.1 8.9 13.3

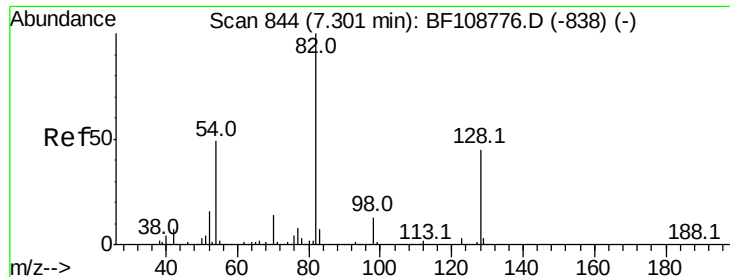
54 7.4 6.6 9.8

68 6.6 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

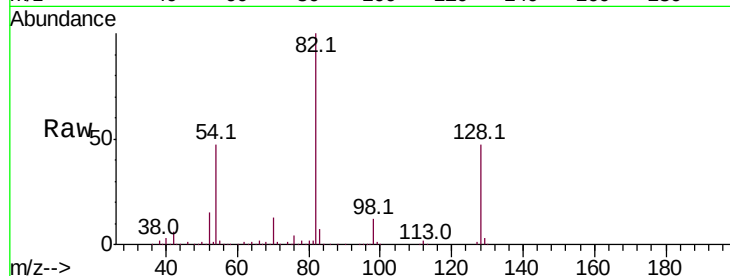




#23
Nitrobenzene-d5
Concen: 113.346 ng
RT: 7.30 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF108917.D
Acq: 11 Sep 2018 2:37

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

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

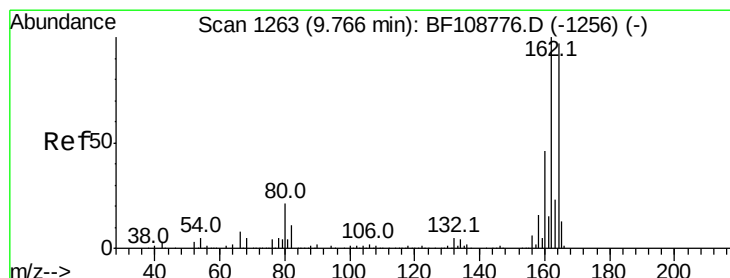
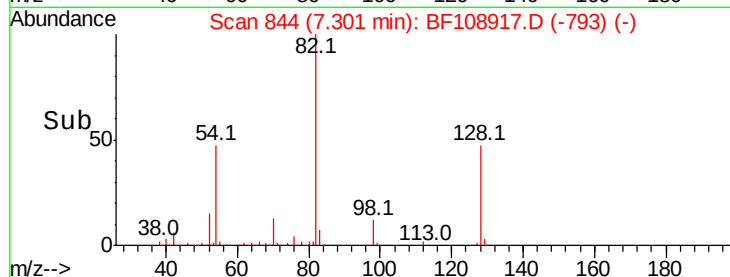
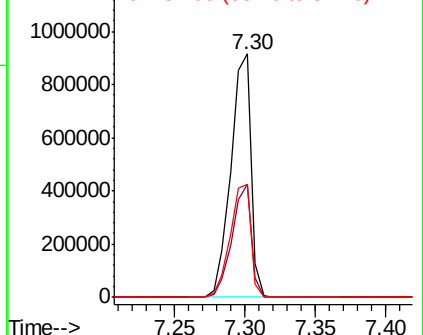


Abundance

Ion 82.00 (81.70 to 82.70): BF1

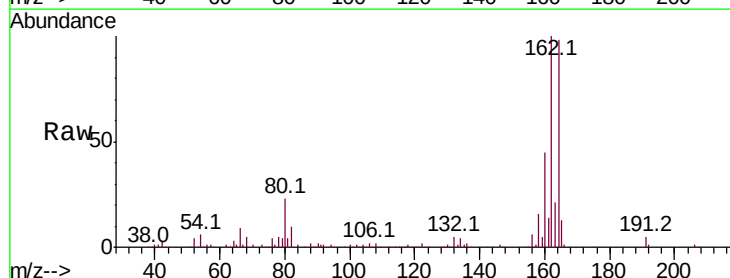
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#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

Tgt Ion	164	Resp	200880
Ion Ratio	Lower	Upper	
164	100		
162	101.6	86.1	129.1
160	46.1	38.3	57.5

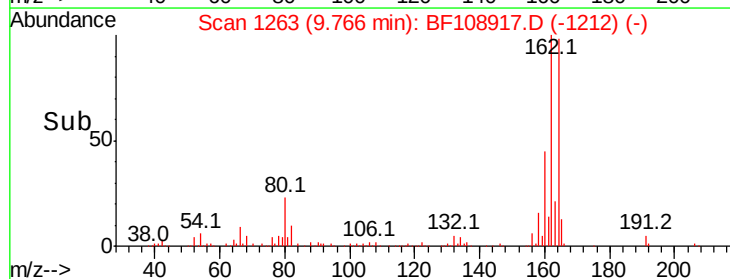
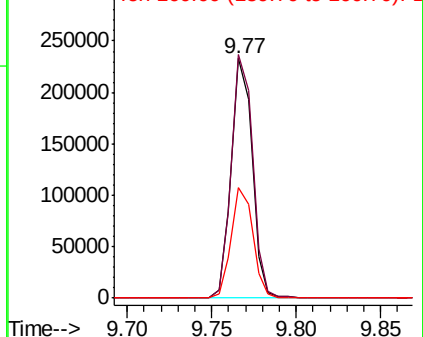


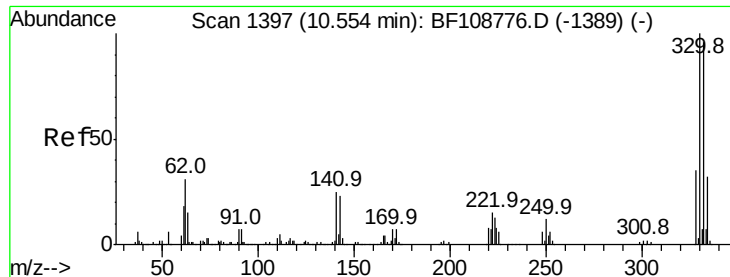
Abundance

Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

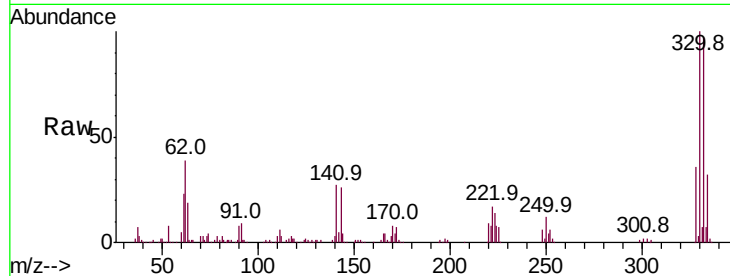




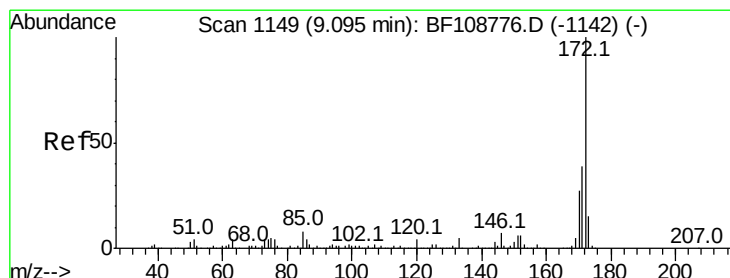
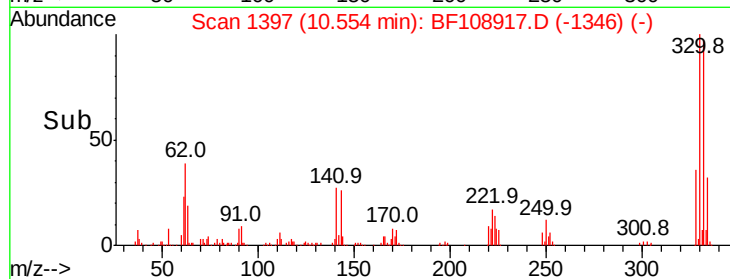
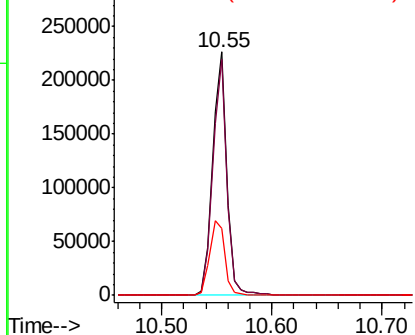
#41
 2,4,6-Tribromophenol
 Concen: 103.725 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: BF108917.D
 Acq: 11 Sep 2018 2:37

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	32.6	29.9	44.9

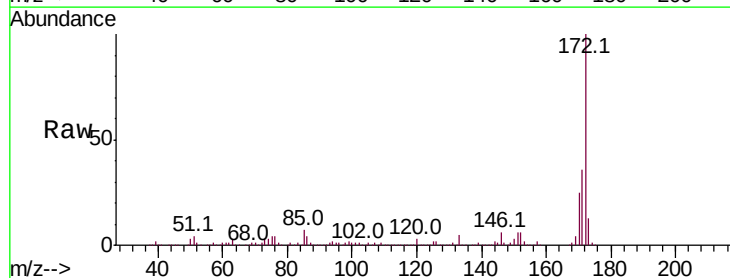


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

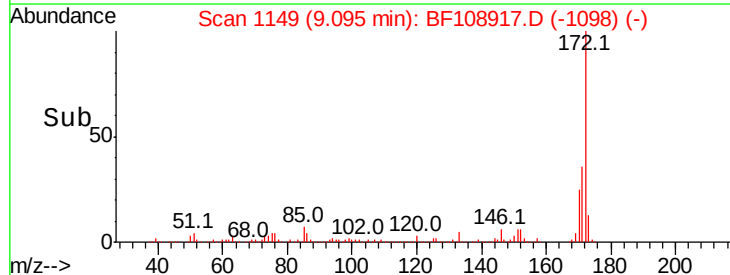
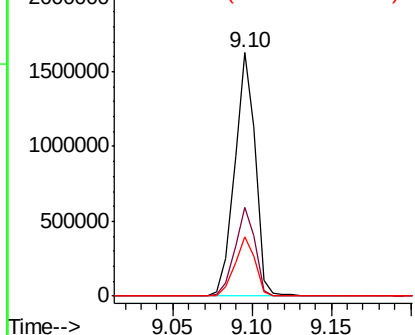


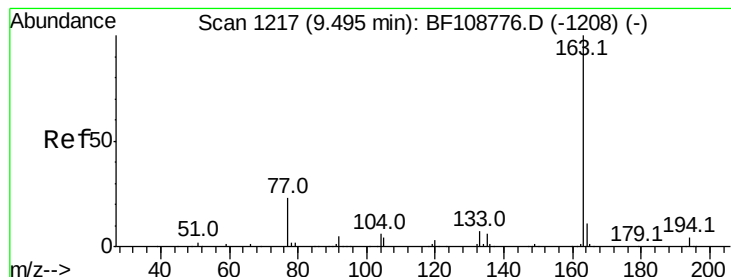
#44
 2-Fluorobiphenyl
 Concen: 123.996 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BF108917.D
 Acq: 11 Sep 2018 2:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.5	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: 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

Instrument :

BNA_F

ClientSampleId :

090618-SIDI-F-D-S

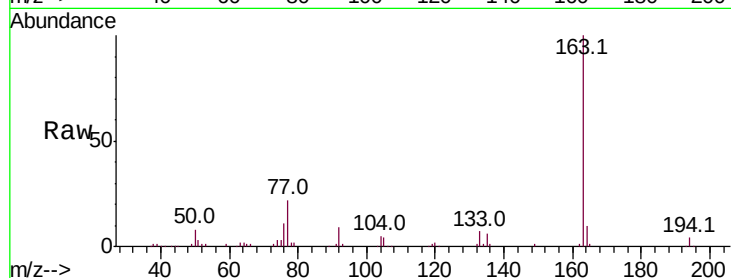
Tot Ion:163 Resp: 152537

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

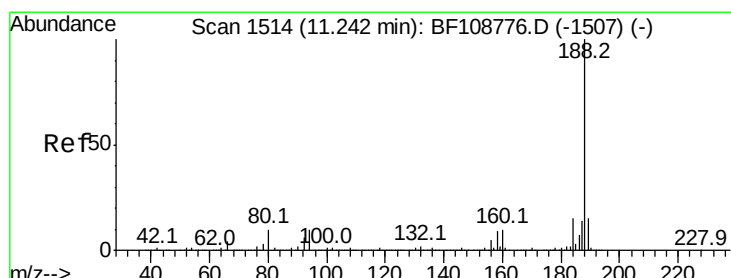
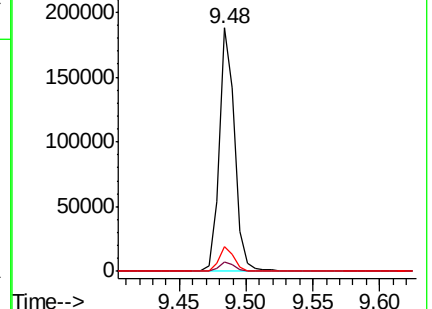
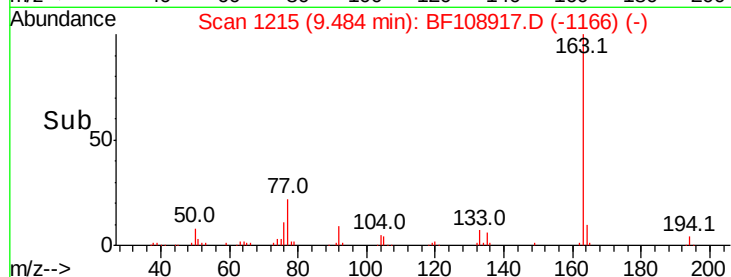
164 10.4 8.2 12.2



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



#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

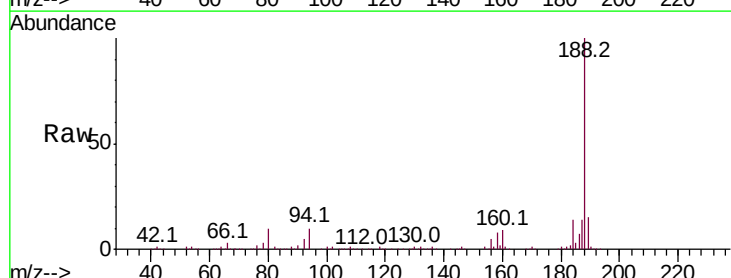
Tgt Ion:188 Resp: 361747

Ion Ratio Lower Upper

188 100

94 9.6 8.5 12.7

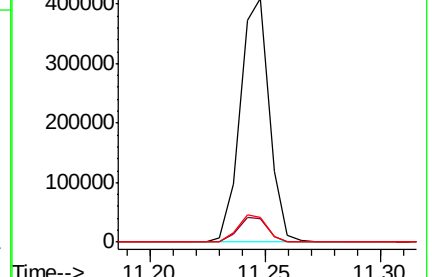
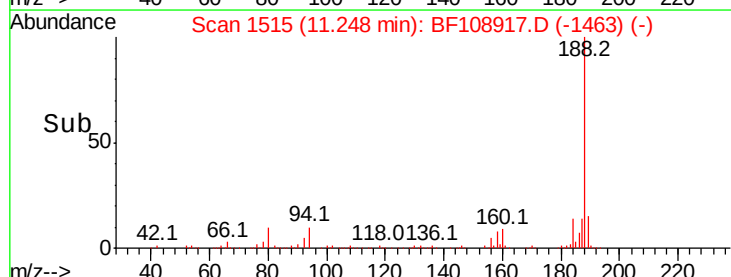
80 10.2 9.2 13.8

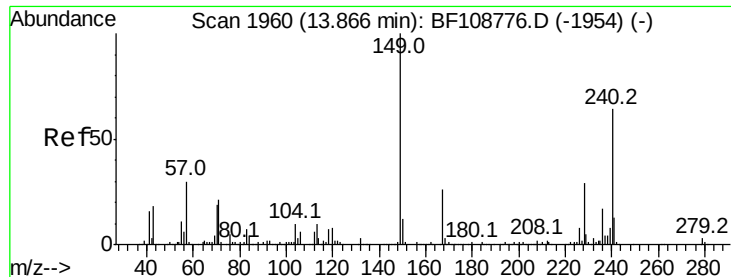


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#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

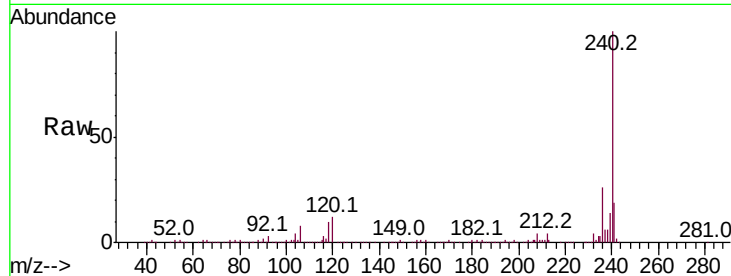
Tot Ion:240 Resp: 385803

Ion Ratio Lower Upper

240 100

120 11.9 9.5 14.3

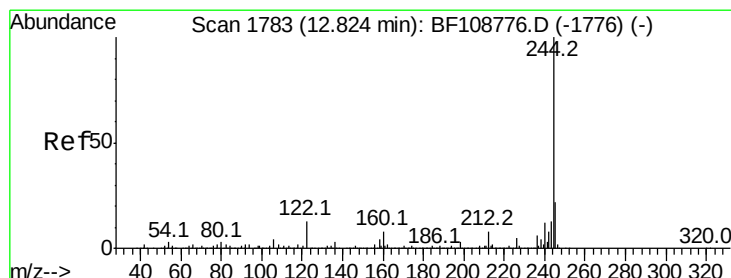
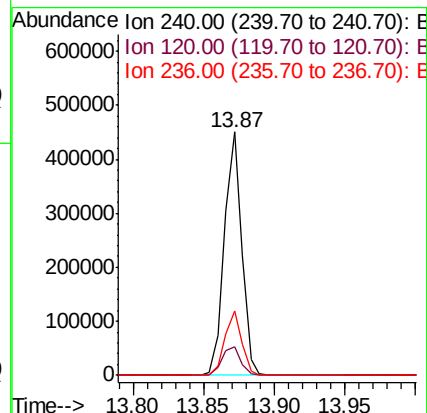
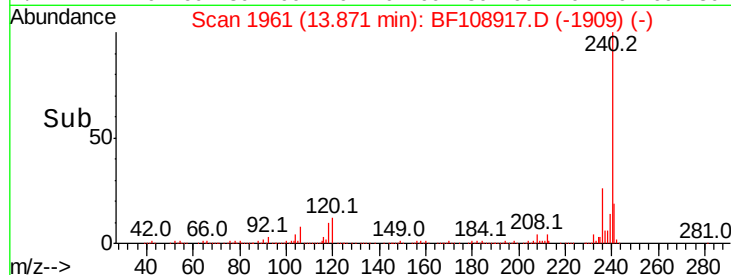
236 26.4 20.7 31.1



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

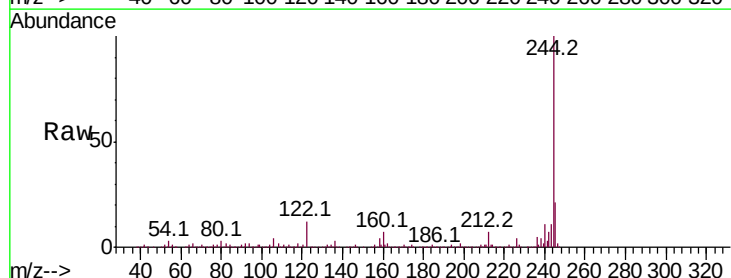
Tgt Ion:244 Resp: 1432784

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

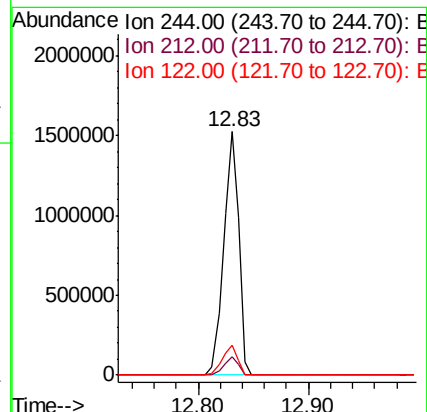
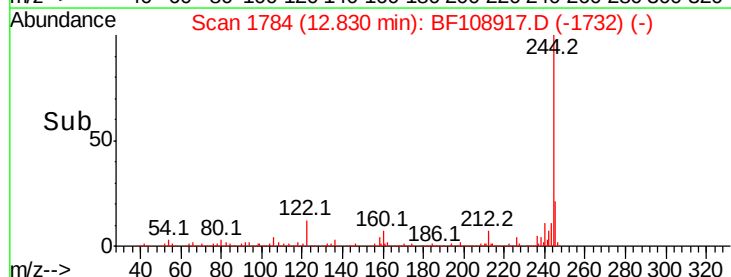
122 12.3 11.0 16.4

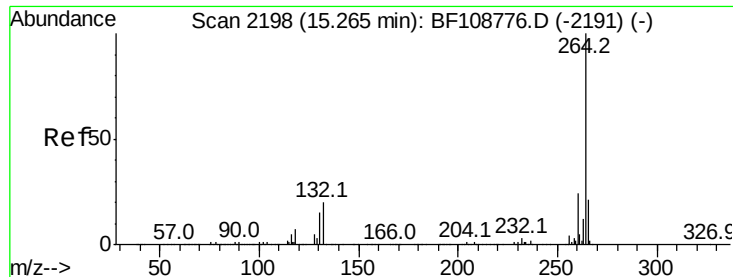


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-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

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

