

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
 Data File : BF108915.D
 Acq On : 11 Sep 2018 1:44
 Operator : JU/SJ
 Sample : J4830-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

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

Quant Time: Sep 11 04:21:54 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

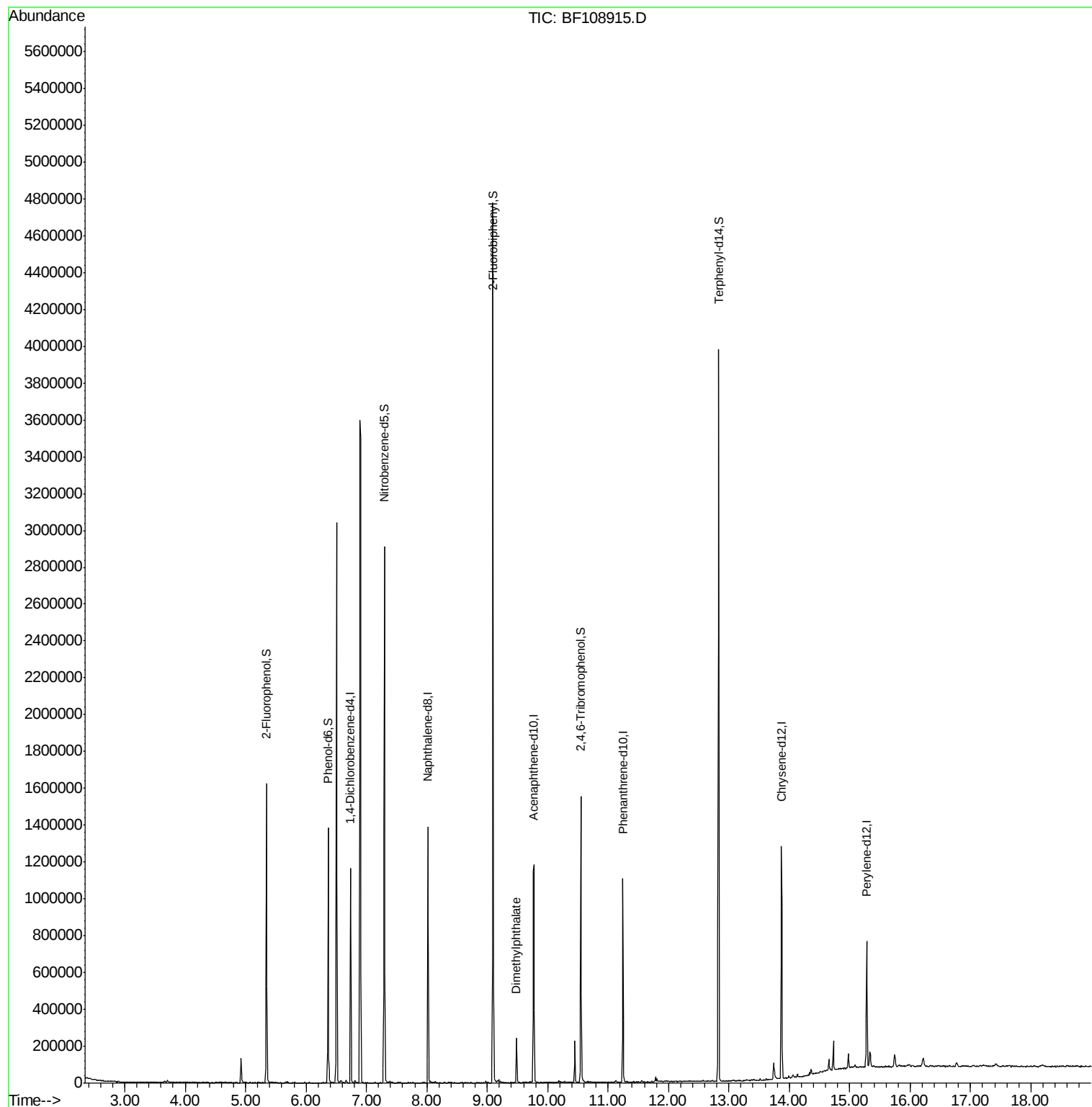
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	164780	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	570067	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	234596	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	379568	20.00	ng	0.00
75) Chrysene-d12	13.87	240	396088	20.00	ng	0.00
86) Perylene-d12	15.28	264	287285	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	456997	45.95	ng	0.01
7) Phenol-d6	6.37	99	388781	30.38	ng	0.00
23) Nitrobenzene-d5	7.30	82	986929	108.34	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	195588	87.33	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1588432	115.51	ng	0.00
78) Terphenyl-d14	12.83	244	1341267	78.96	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.48	163	94355	5.750	ng	100

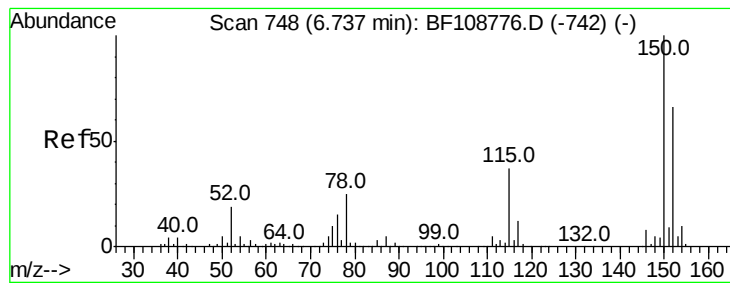
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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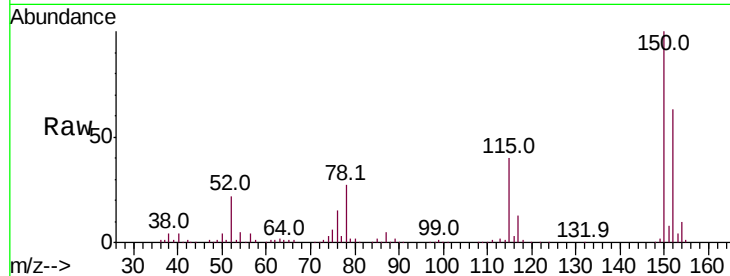


#1

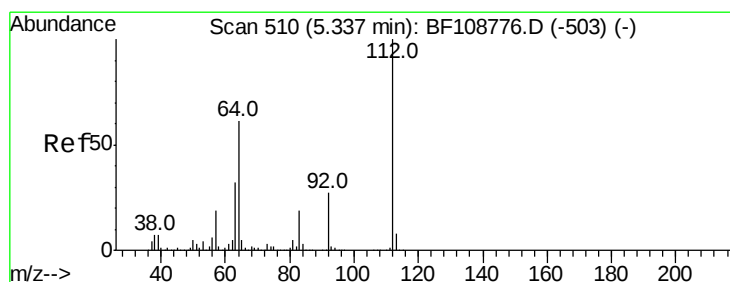
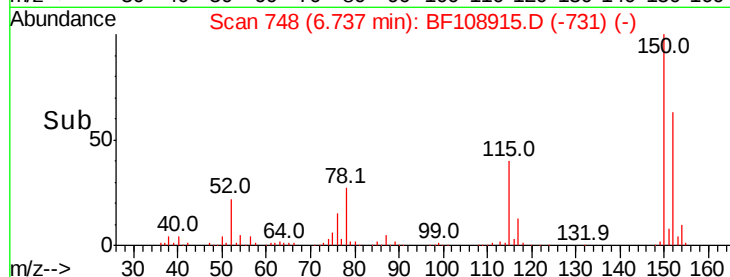
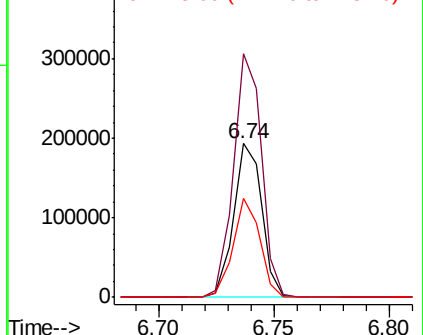
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF108915.D
Acq: 11 Sep 2018 1:44

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

Tot Ion:152 Resp: 164780
Ion Ratio Lower Upper
152 100
150 158.2 124.6 186.8
115 64.0 50.1 75.1



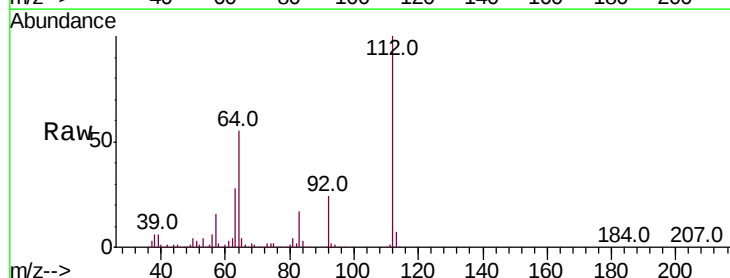
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



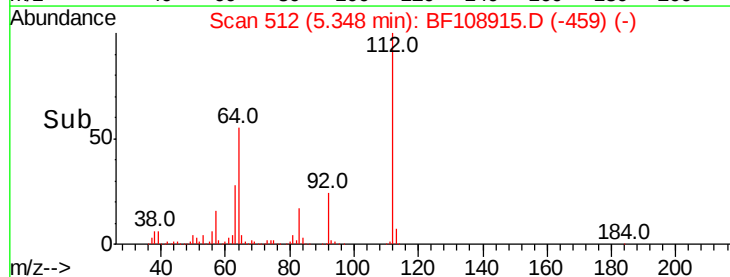
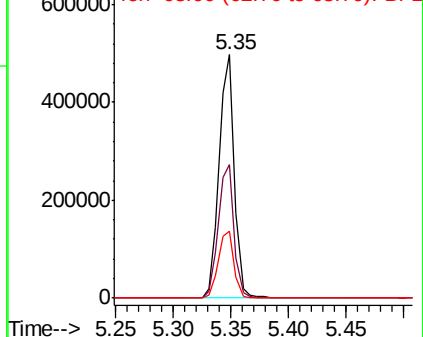
#5

2-Fluorophenol
Concen: 45.946 ng
RT: 5.35 min Scan# 512
Delta R.T. 0.01 min
Lab File: BF108915.D
Acq: 11 Sep 2018 1:44

Tgt Ion:112 Resp: 456997
Ion Ratio Lower Upper
112 100
64 54.8 47.9 71.9
63 27.7 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: 30.379 ng

RT: 6.37 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF108915.D

Acq: 11 Sep 2018 1:44

Instrument :

BNA_F

ClientSampleId :

090618-SIDI-F-D-B

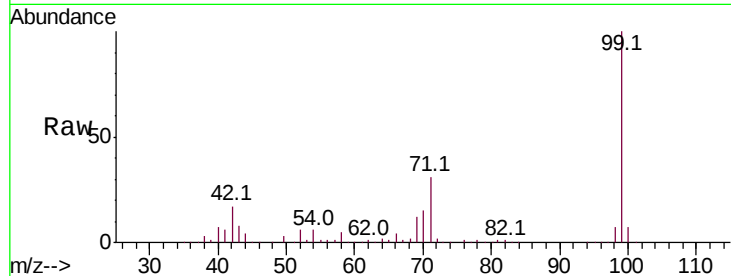
Tot Ion: 99 Resp: 388781

Ion Ratio Lower Upper

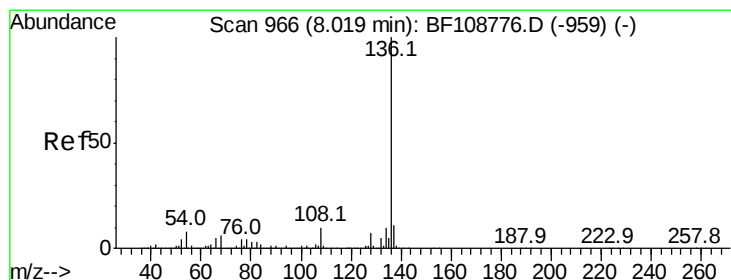
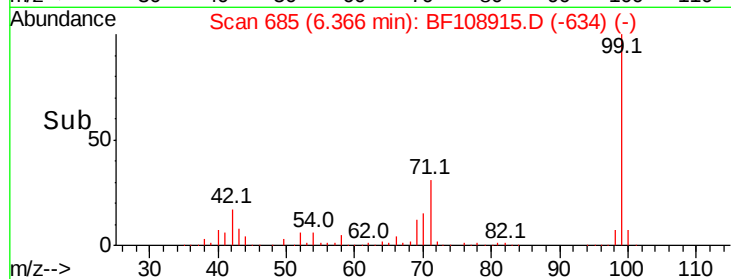
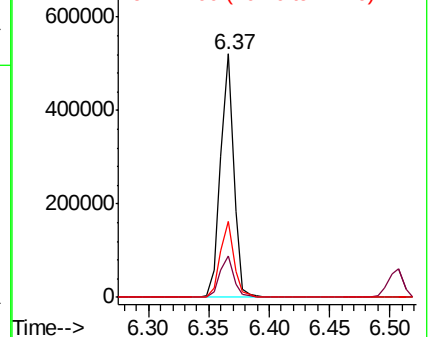
99 100

42 16.9 14.5 21.7

71 31.2 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: BF108915.D

Acq: 11 Sep 2018 1:44

Tgt Ion: 136 Resp: 570067

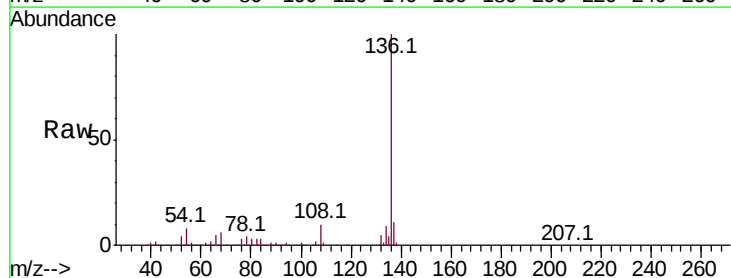
Ion Ratio Lower Upper

136 100

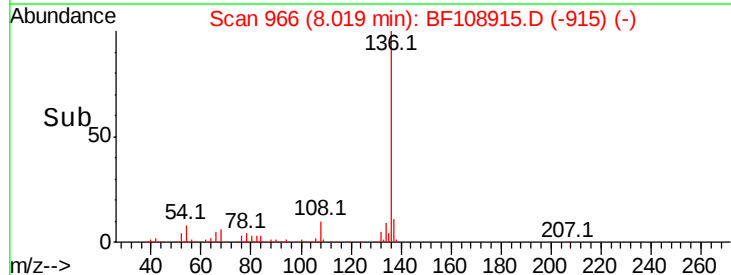
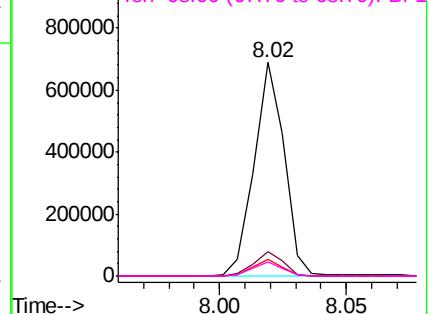
137 11.2 8.9 13.3

54 7.8 6.6 9.8

68 6.5 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

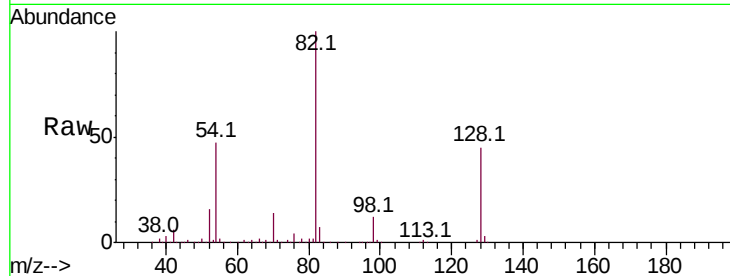




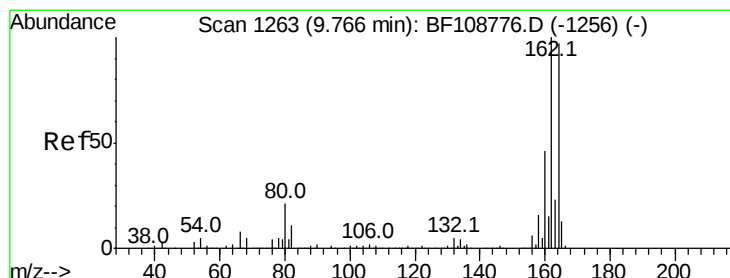
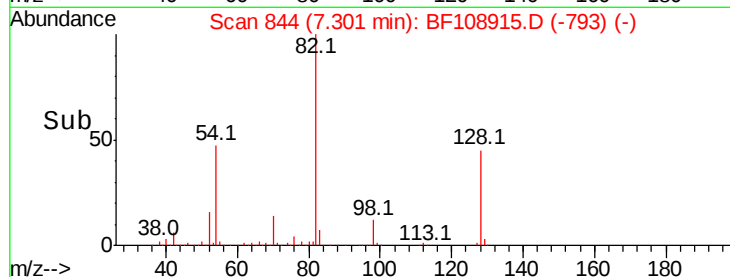
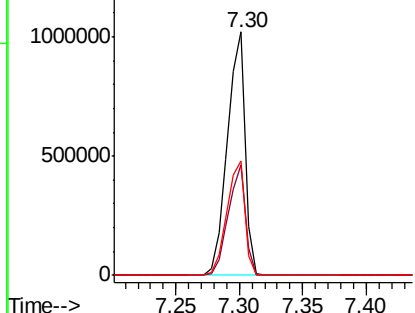
#23
Nitrobenzene-d5
Concen: 108.343 ng
RT: 7.30 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF108915.D
Acq: 11 Sep 2018 1:44

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

Tot Ion: 82 Resp: 986929
Ion Ratio Lower Upper
82 100
128 45.4 36.1 54.1
54 47.1 41.4 62.2

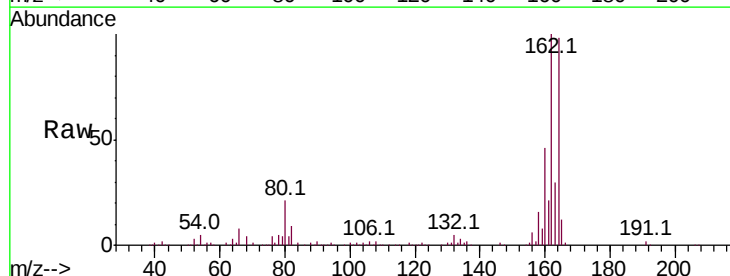


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

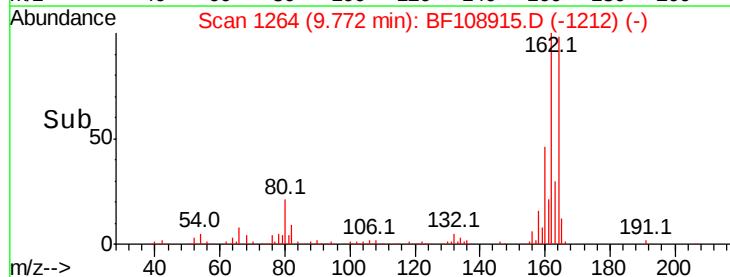
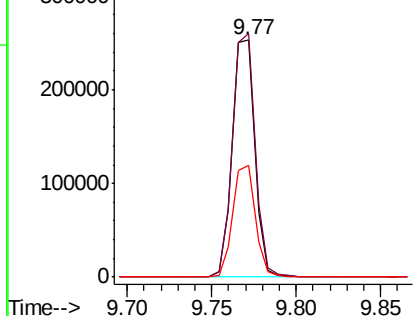


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BF108915.D
Acq: 11 Sep 2018 1:44

Tgt Ion:164 Resp: 234596
Ion Ratio Lower Upper
164 100
162 102.4 86.1 129.1
160 47.1 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: 87.333 ng

RT: 10.55 min Scan# 1397

Delta R.T. 0.00 min

Lab File: BF108915.D

Acq: 11 Sep 2018 1:44

Instrument :

BNA_F

ClientSampleId :

090618-SIDI-F-D-B

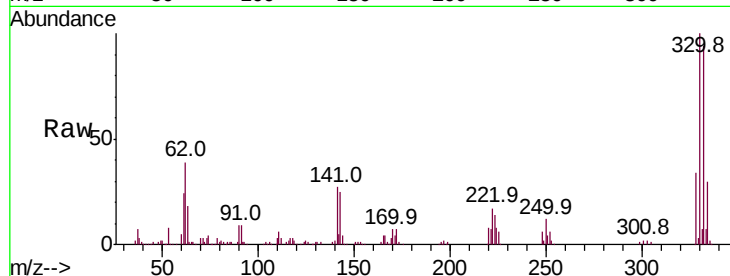
Tot Ion:330 Resp: 195588

Ion Ratio Lower Upper

330 100

332 95.3 77.0 115.6

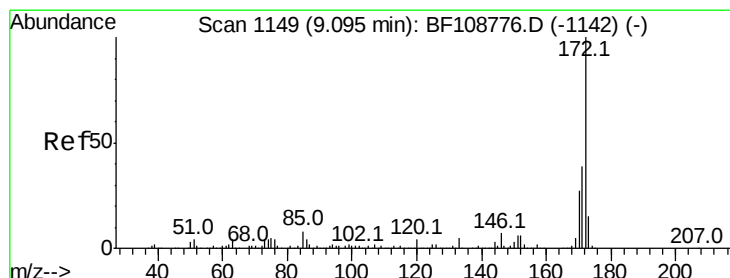
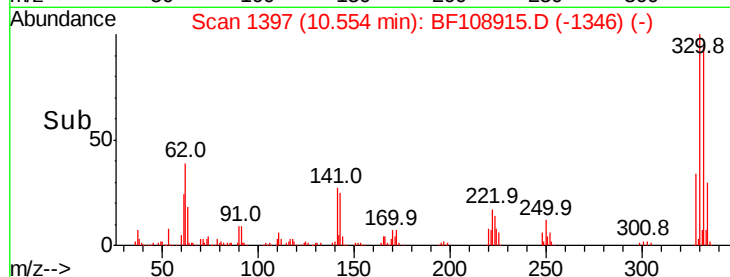
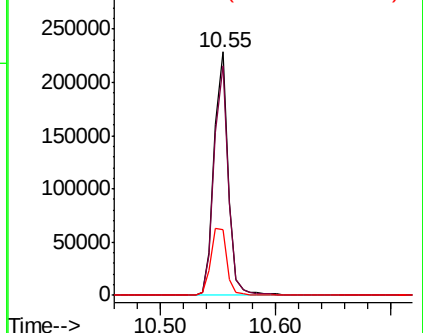
141 31.3 29.9 44.9



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: 115.511 ng

RT: 9.10 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF108915.D

Acq: 11 Sep 2018 1:44

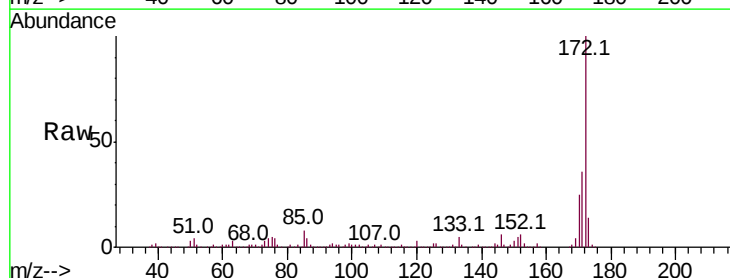
Tgt Ion:172 Resp: 1588432

Ion Ratio Lower Upper

172 100

171 36.4 29.7 44.5

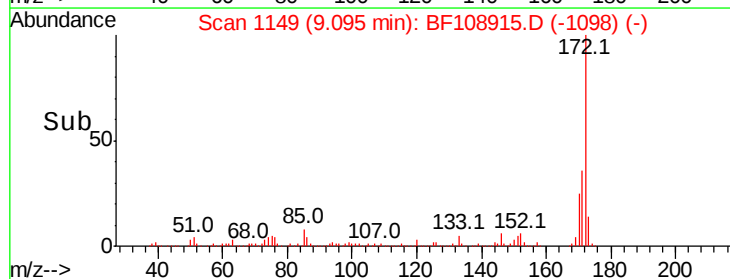
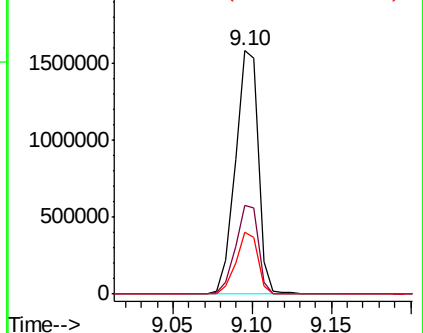
170 25.3 19.6 29.4

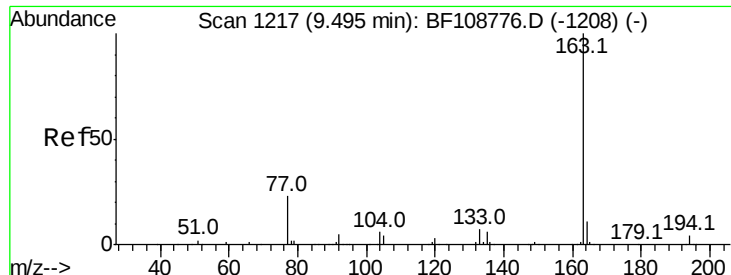


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

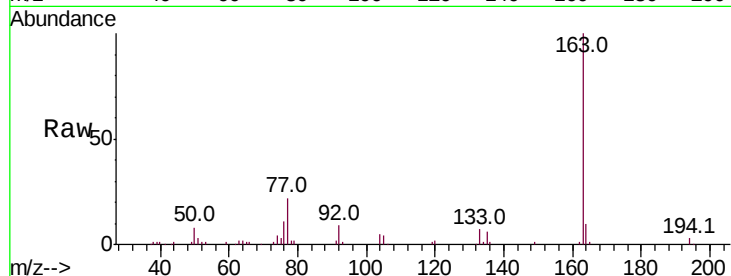




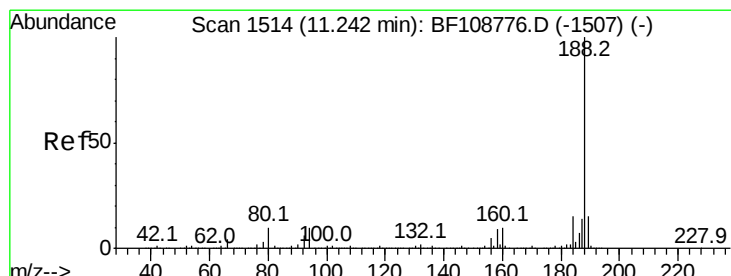
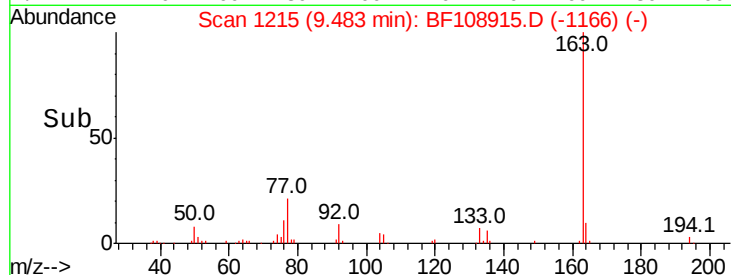
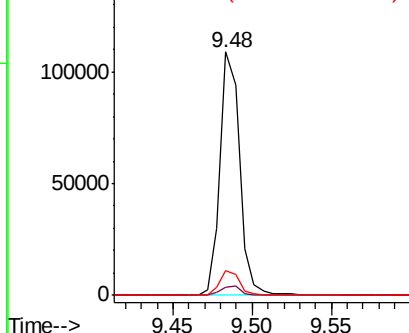
#49
Dimethylphthalate
Concen: 5.750 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108915.D
Acq: 11 Sep 2018 1:44

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

Tot Ion:163 Resp: 94355
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.2 8.2 12.2

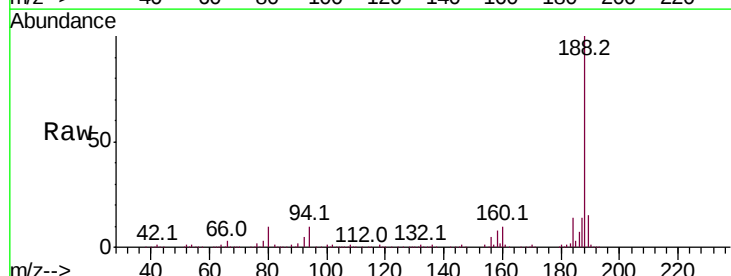


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

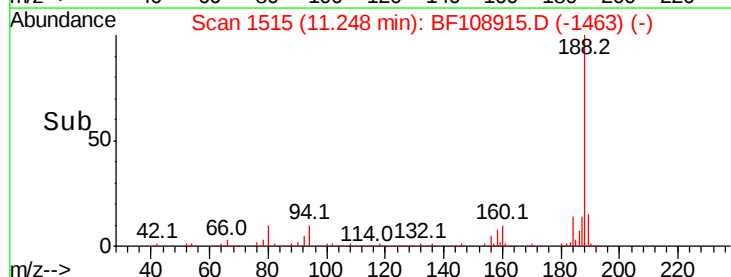
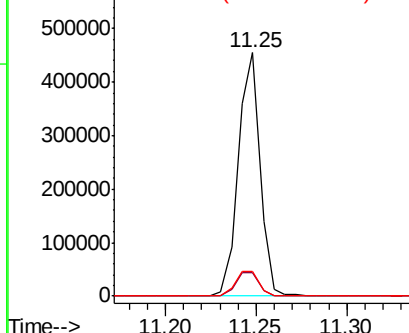


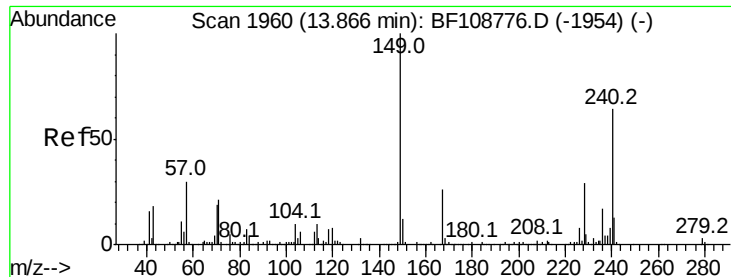
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF108915.D
Acq: 11 Sep 2018 1:44

Tgt Ion:188 Resp: 379568
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 10.1 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: BF108915.D

Acq: 11 Sep 2018 1:44

Instrument :

BNA_F

ClientSampleId :

090618-SIDI-F-D-B

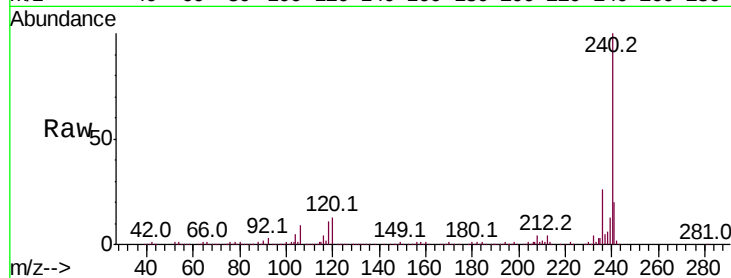
Tot Ion:240 Resp: 396088

Ion Ratio Lower Upper

240 100

120 13.3 9.5 14.3

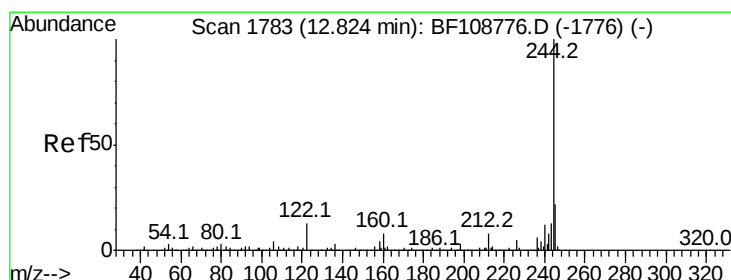
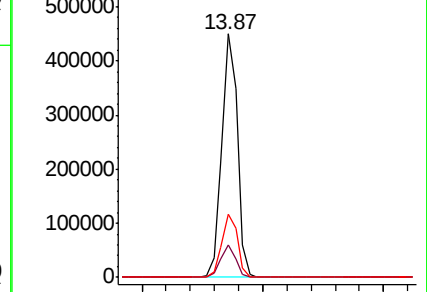
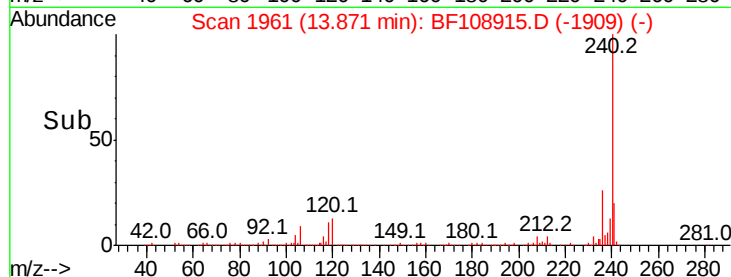
236 25.9 20.7 31.1



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: 78.965 ng

RT: 12.83 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF108915.D

Acq: 11 Sep 2018 1:44

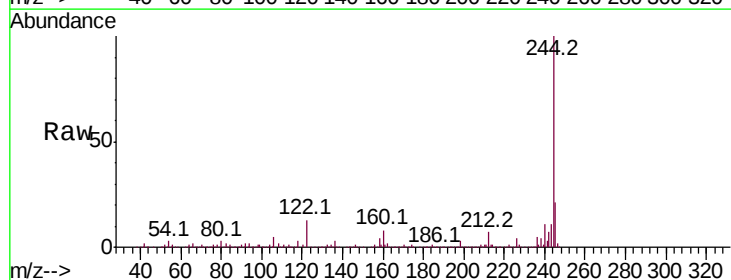
Tgt Ion:244 Resp: 1341267

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

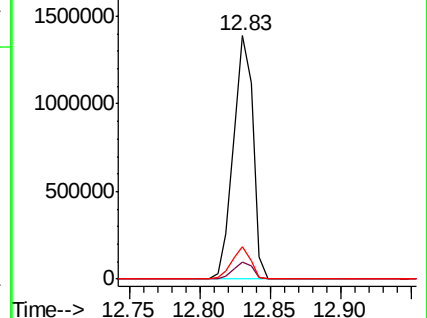
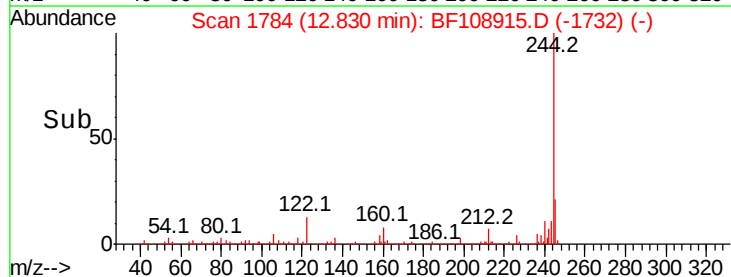
122 13.2 11.0 16.4

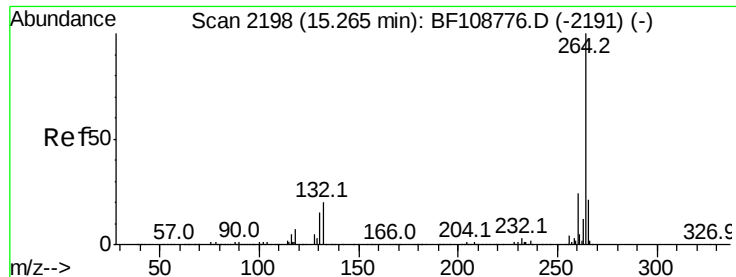


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2201
Delta R.T. 0.02 min
Lab File: BF108915.D
Acq: 11 Sep 2018 1:44

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.8	17.5	26.3

