

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
 Data File : BF108916.D
 Acq On : 11 Sep 2018 2:11
 Operator : JU/SJ
 Sample : J4830-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

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

Quant Time: Sep 11 04:23:22 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

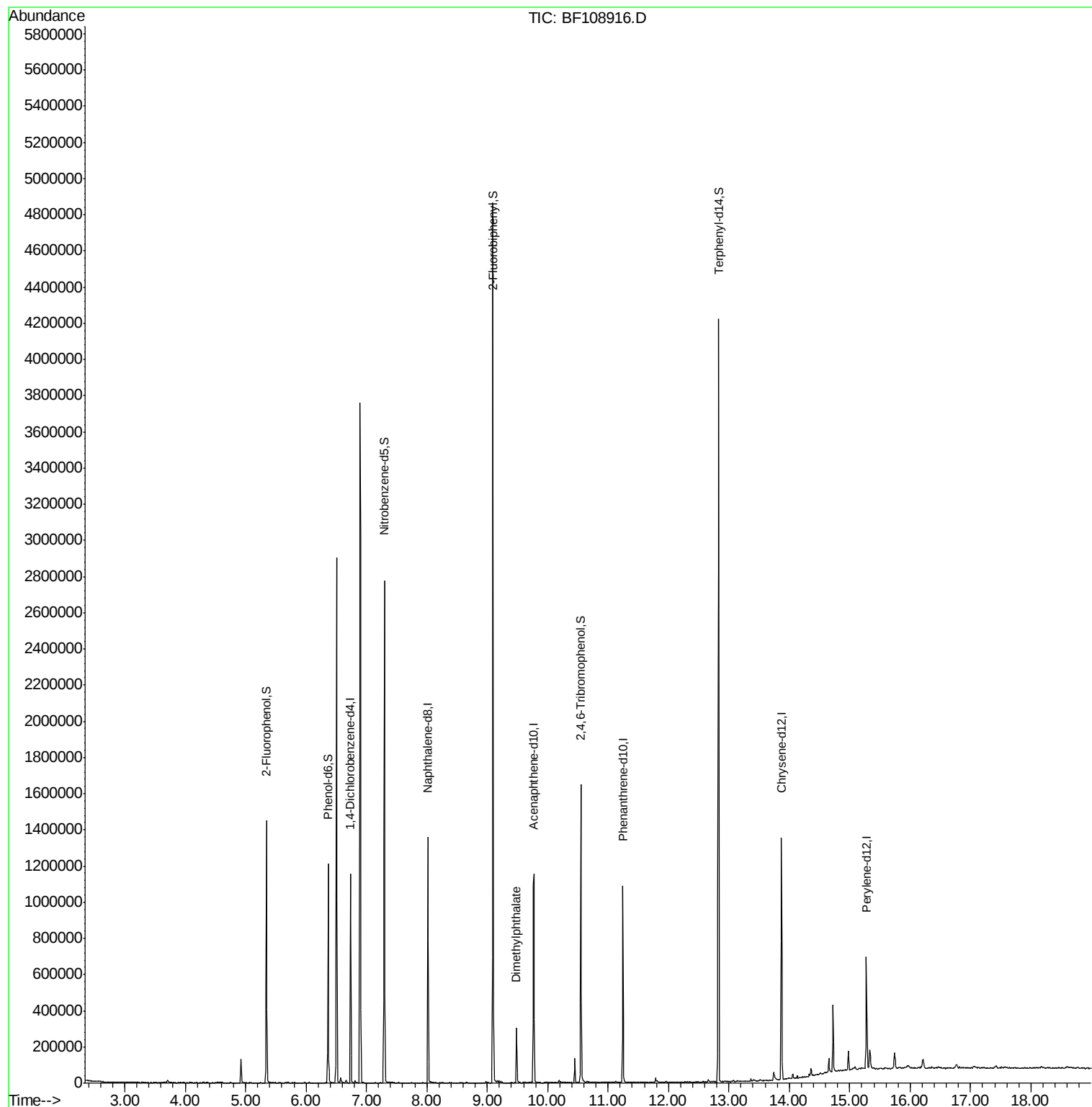
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	158326	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	553684	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	223960	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	377042	20.00	ng	0.00
75) Chrysene-d12	13.87	240	391866	20.00	ng	0.00
86) Perylene-d12	15.28	264	271972	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	409975	42.90	ng	0.01
7) Phenol-d6	6.37	99	344340	28.00	ng	0.00
23) Nitrobenzene-d5	7.30	82	939486	106.19	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	197731	92.48	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1521454	115.89	ng	0.00
78) Terphenyl-d14	12.83	244	1379018	82.06	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.48	163	120444	7.689	ng	99

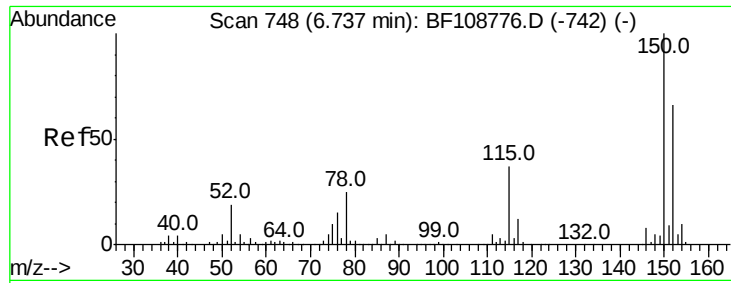
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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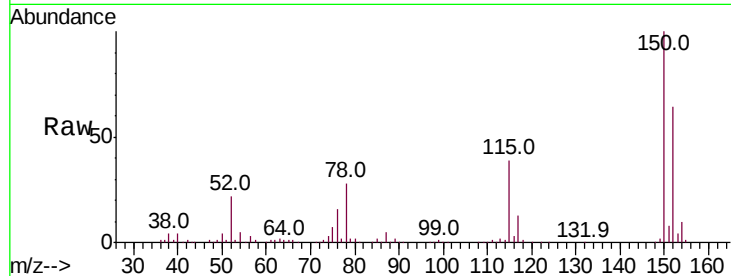


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108916.D
Acq: 11 Sep 2018 2:11

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.6	186.8
115	62.0	50.1	75.1

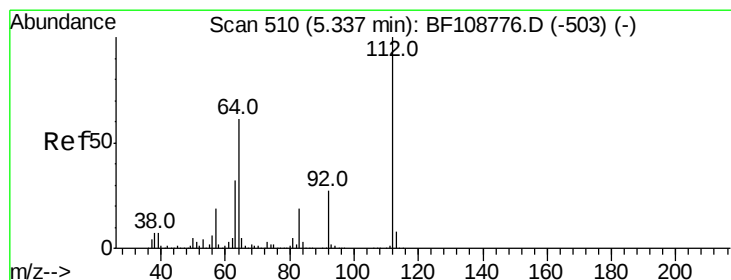
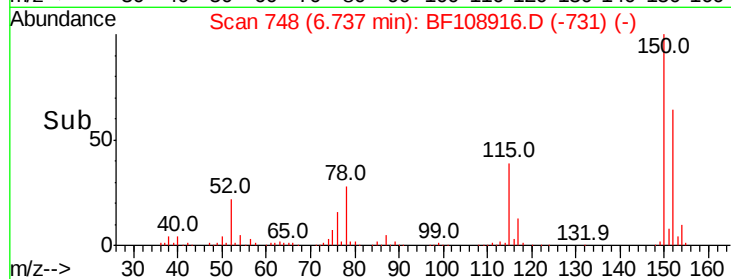
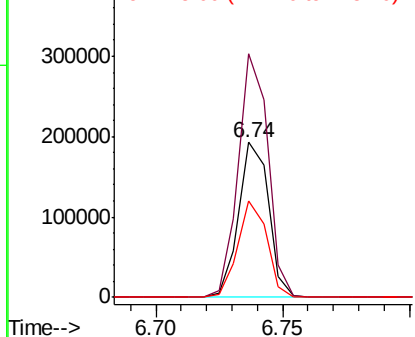


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

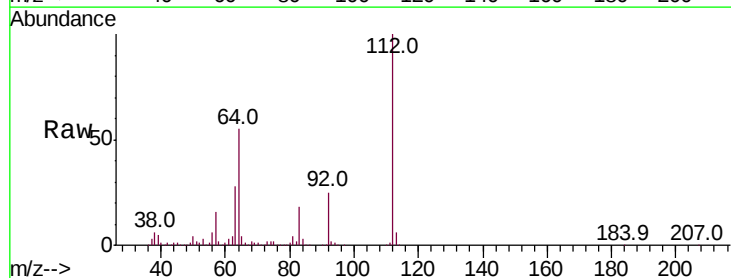
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 42.898 ng
RT: 5.35 min Scan# 512
Delta R.T. 0.01 min
Lab File: BF108916.D
Acq: 11 Sep 2018 2:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.6	47.9	71.9
63	28.2	23.7	35.5

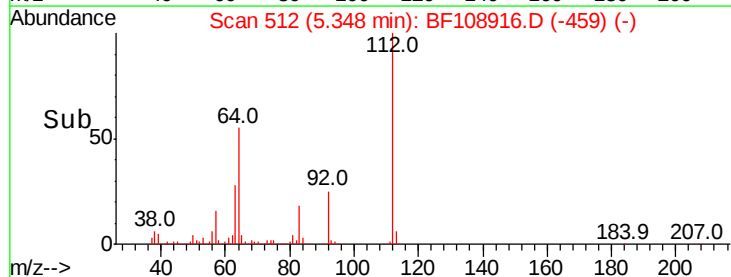
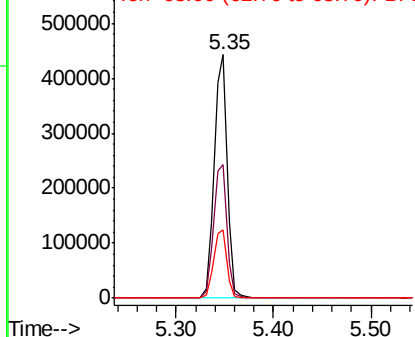


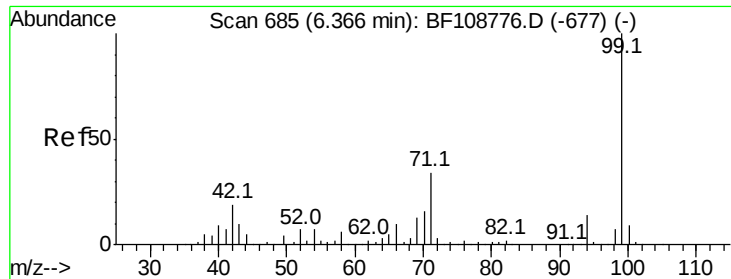
Abundance

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: 28.003 ng

RT: 6.37 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF108916.D

Acq: 11 Sep 2018 2:11

Instrument :

BNA_F

ClientSampleId :

090618-SIDI-F-D-M

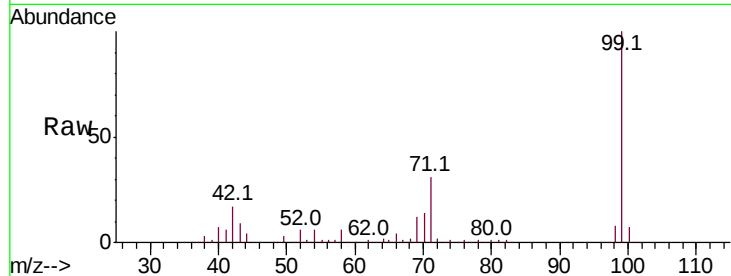
Tot Ion: 99 Resp: 344340

Ion Ratio Lower Upper

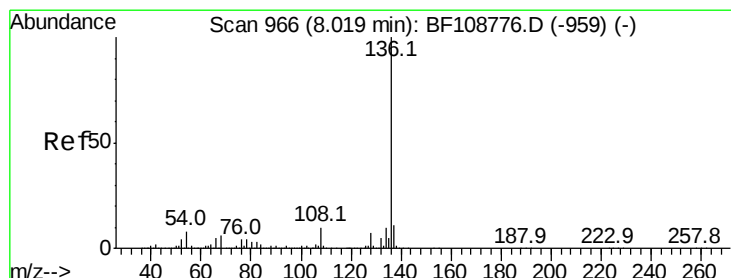
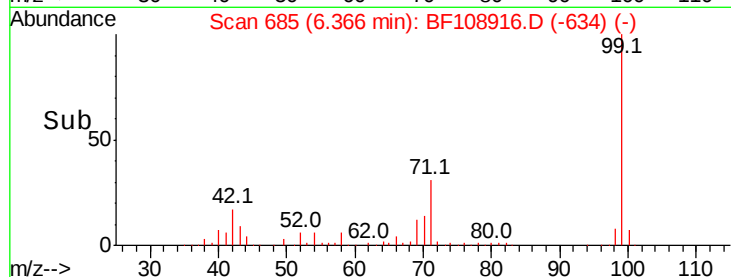
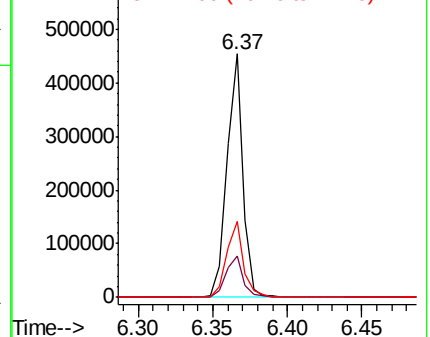
99 100

42 17.0 14.5 21.7

71 31.1 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: BF108916.D

Acq: 11 Sep 2018 2:11

Tgt Ion: 136 Resp: 553684

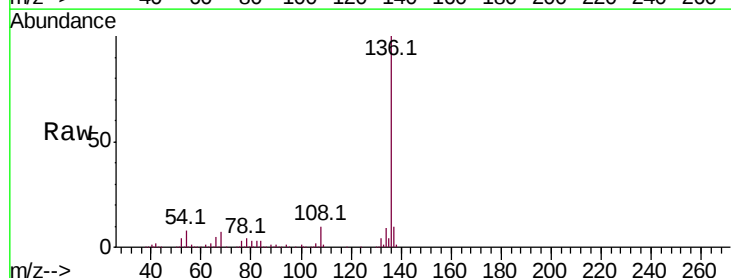
Ion Ratio Lower Upper

136 100

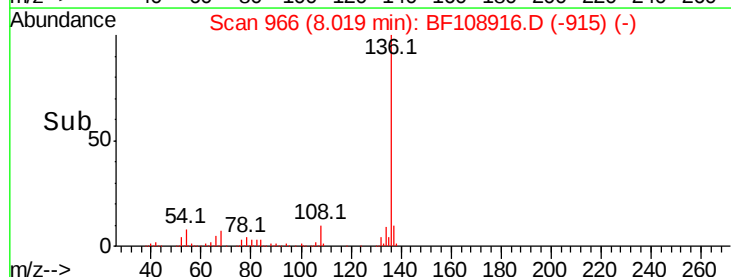
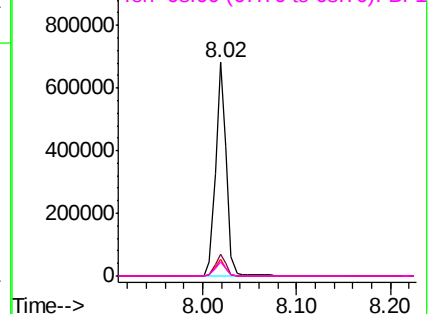
137 10.5 8.9 13.3

54 7.6 6.6 9.8

68 6.8 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

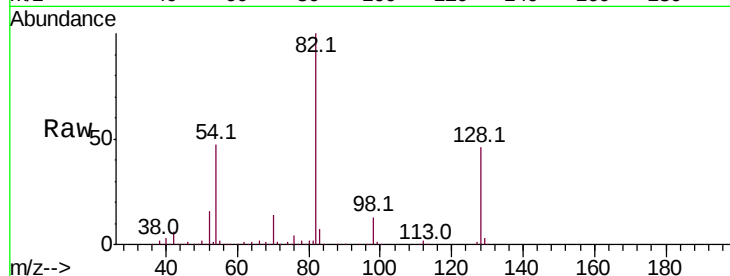




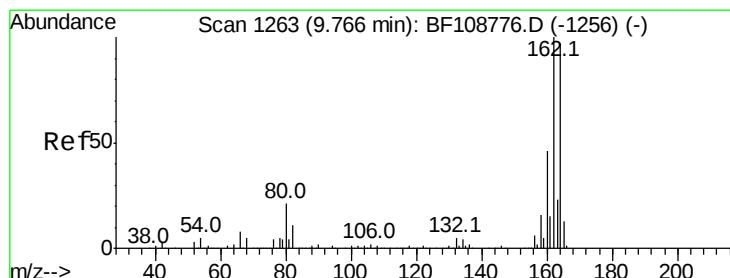
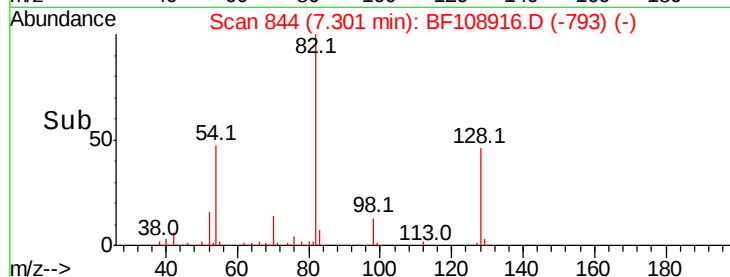
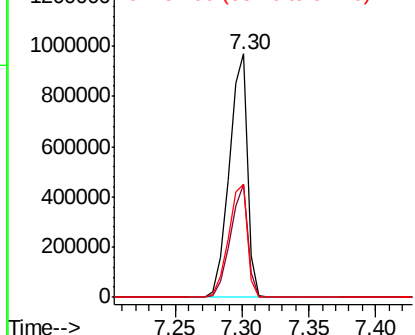
#23
 Nitrobenzene-d5
 Concen: 106.187 ng
 RT: 7.30 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: BF108916.D
 Acq: 11 Sep 2018 2:11

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

Tot Ion: 82 Resp: 939486
 Ion Ratio Lower Upper
 82 100
 128 46.4 36.1 54.1
 54 46.7 41.4 62.2

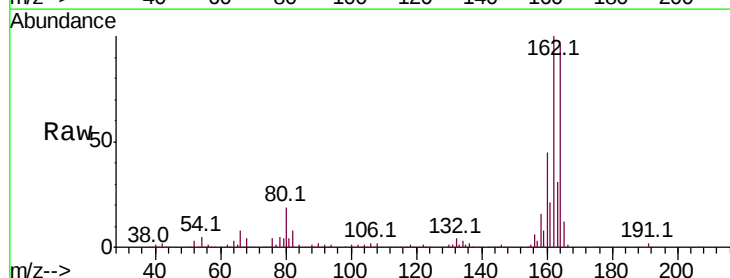


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

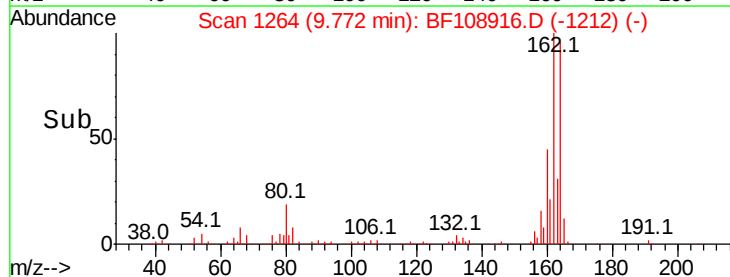
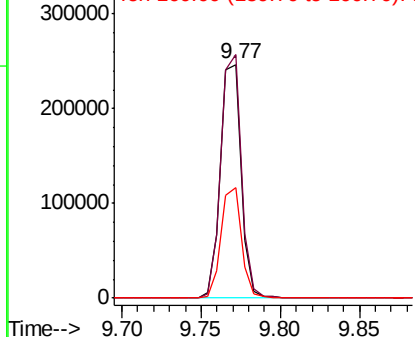


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1264
 Delta R.T. 0.01 min
 Lab File: BF108916.D
 Acq: 11 Sep 2018 2:11

Tgt Ion:164 Resp: 223960
 Ion Ratio Lower Upper
 164 100
 162 104.0 86.1 129.1
 160 47.0 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

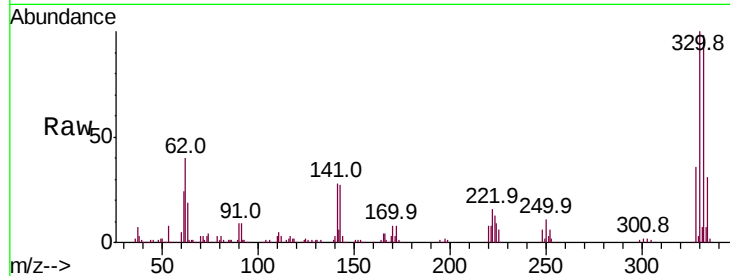




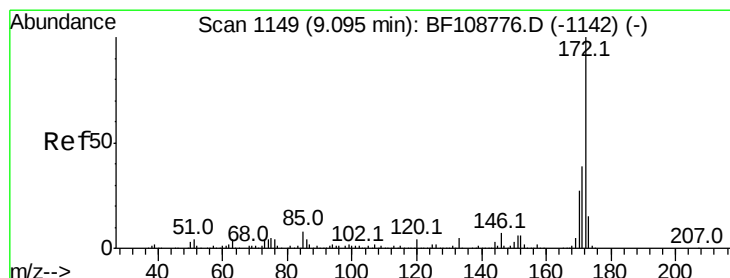
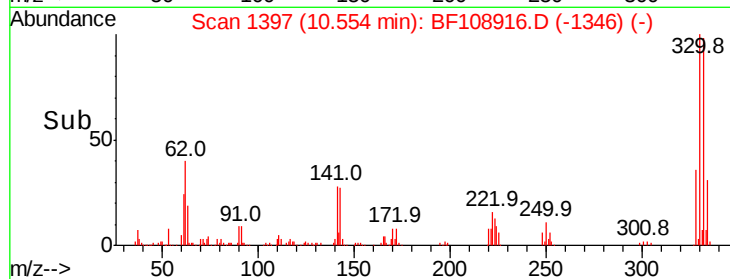
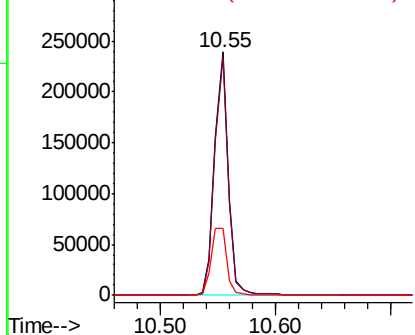
#41
 2,4,6-Tribromophenol
 Concen: 92.483 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF108916.D
 Acq: 11 Sep 2018 2:11

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	31.8	29.9	44.9

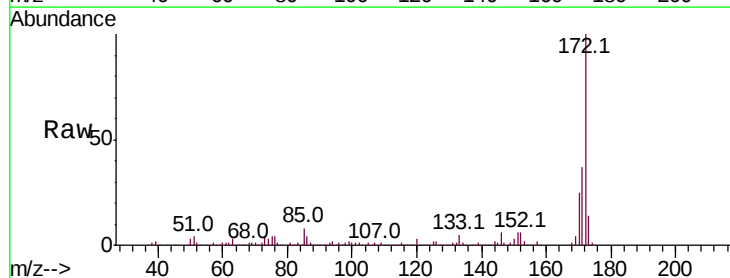


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

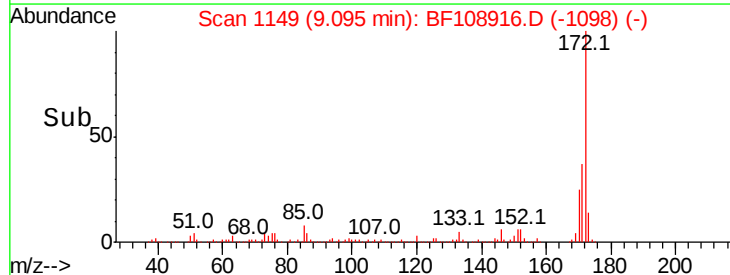
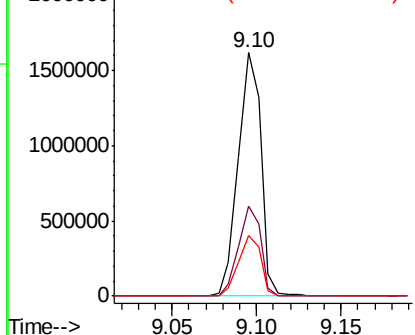


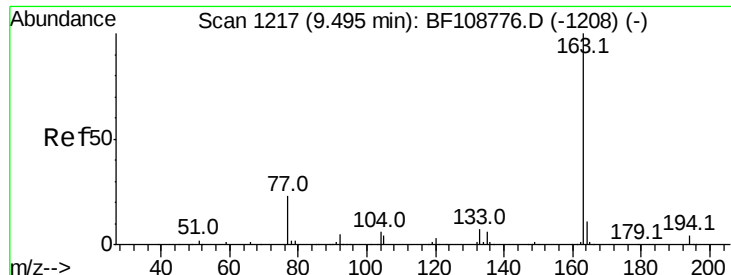
#44
 2-Fluorobiphenyl
 Concen: 115.895 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108916.D
 Acq: 11 Sep 2018 2:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.8	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

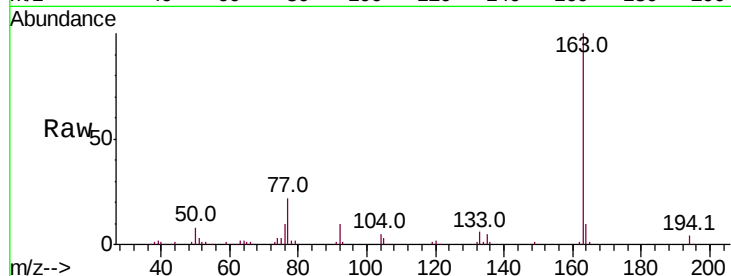




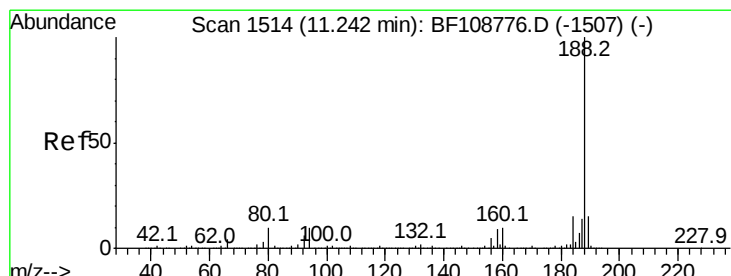
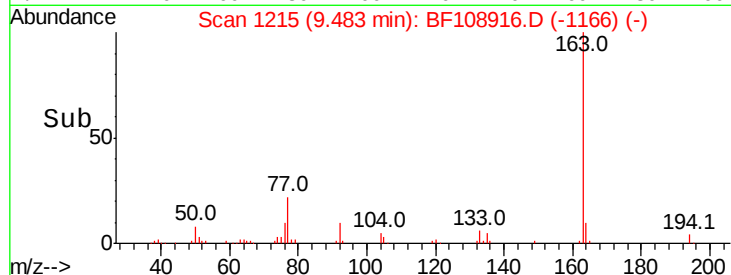
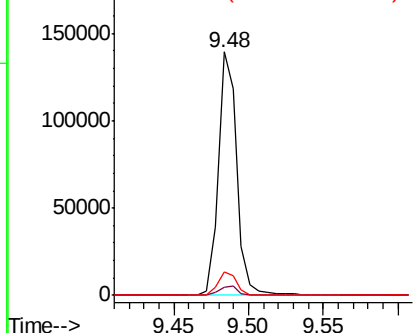
#49
Dimethylphthalate
Concen: 7.689 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108916.D
Acq: 11 Sep 2018 2:11

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

Tot Ion:163 Resp: 120444
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.7 8.2 12.2

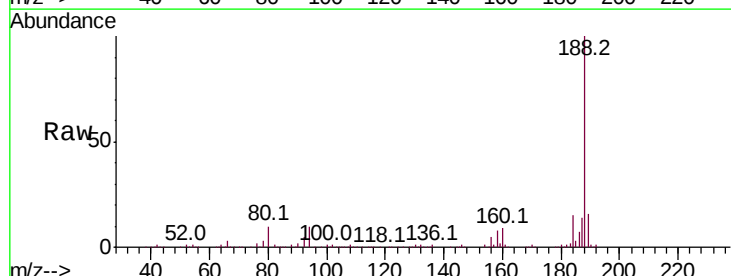


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

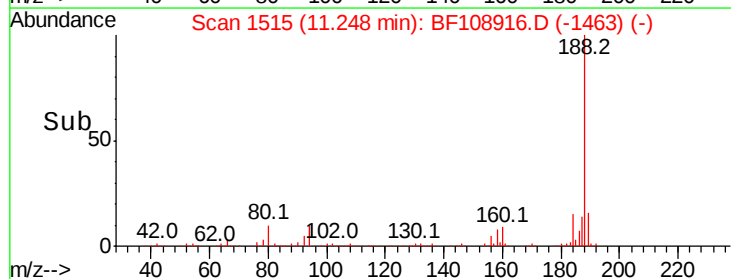
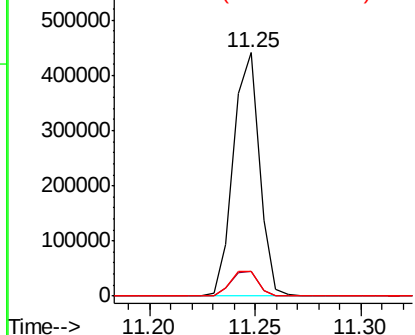


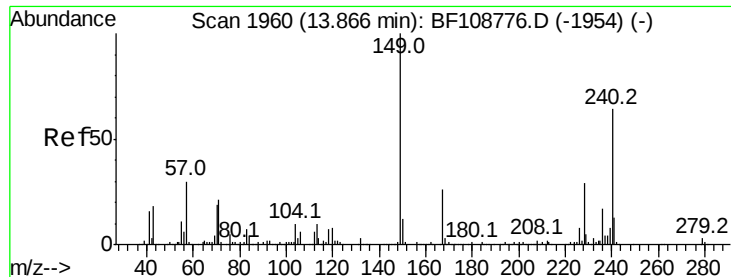
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF108916.D
Acq: 11 Sep 2018 2:11

Tgt Ion:188 Resp: 377042
Ion Ratio Lower Upper
188 100
94 10.1 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: BF108916.D

Acq: 11 Sep 2018 2:11

Instrument :

BNA_F

ClientSampleId :

090618-SIDI-F-D-M

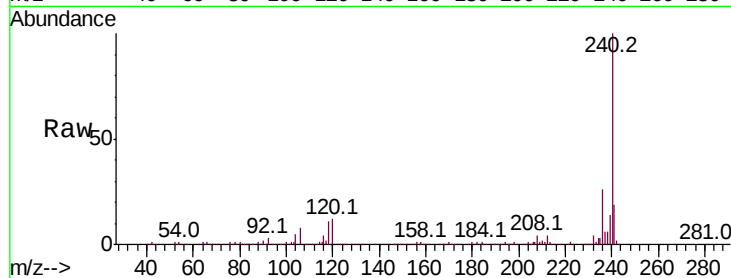
Tot Ion:240 Resp: 391866

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

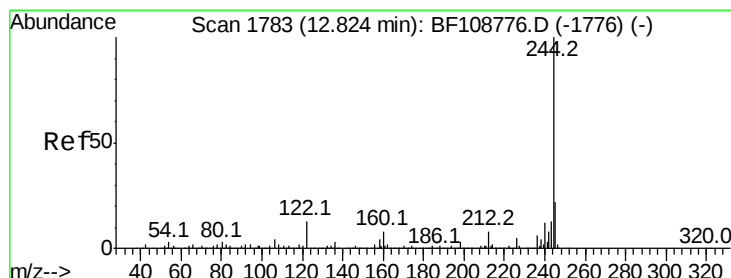
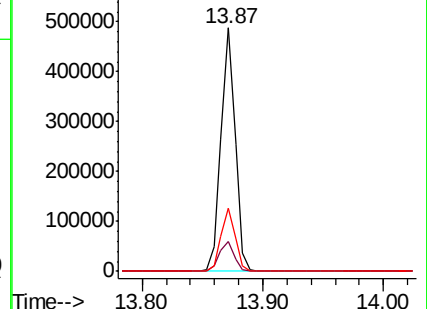
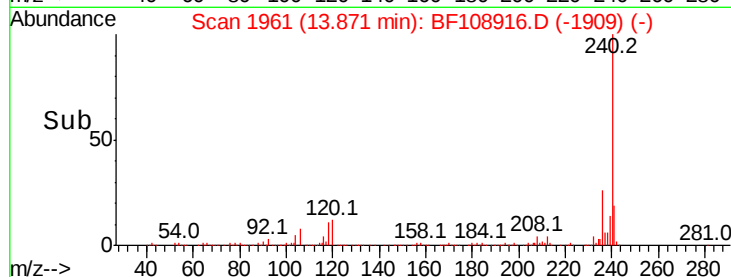
236 26.0 20.7 31.1



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: 82.062 ng

RT: 12.83 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF108916.D

Acq: 11 Sep 2018 2:11

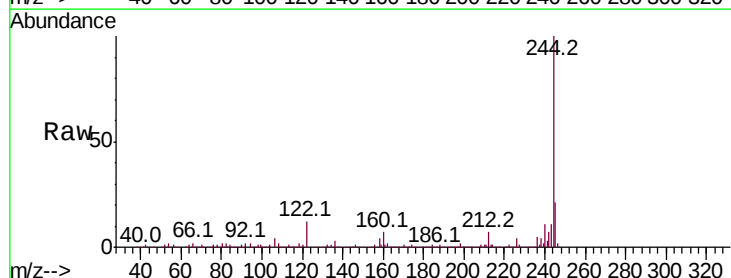
Tgt Ion:244 Resp: 1379018

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

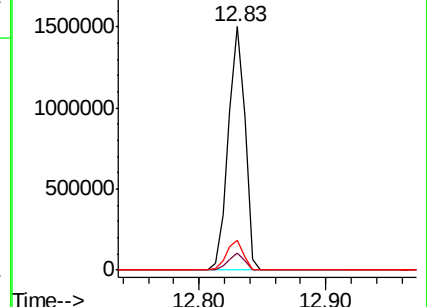
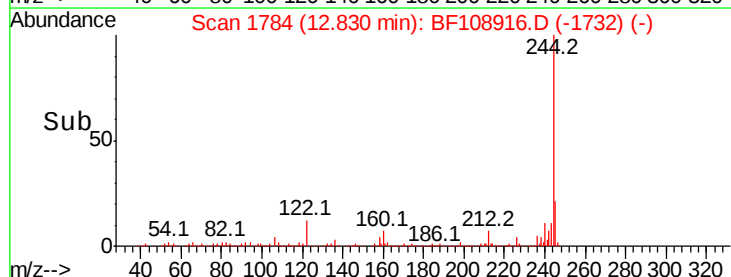
122 12.3 11.0 16.4

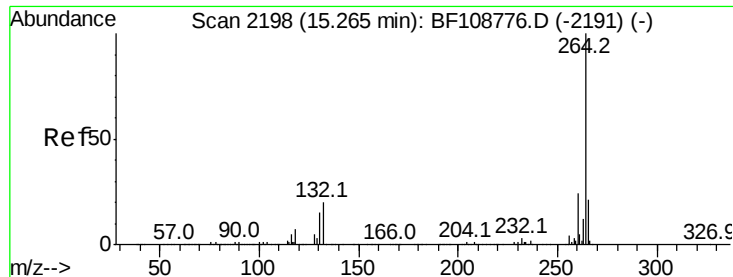


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2201
Delta R.T. 0.02 min
Lab File: BF108916.D
Acq: 11 Sep 2018 2:11

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.5	17.5	26.3

