

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
 Data File : BF109126.D
 Acq On : 19 Sep 2018 5:36
 Operator : JU/SJ
 Sample : J4931-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 091418-SIDI-E-D-B

Quant Time: Sep 19 06:38:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	126251	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	436102	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	175048	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	292323	20.00	ng	0.00
75) Chrysene-d12	13.85	240	336187	20.00	ng	0.00
86) Perylene-d12	15.26	264	280851	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	328841	43.26	ng	0.00
7) Phenol-d6	6.35	99	261718	26.70	ng	-0.01
23) Nitrobenzene-d5	7.28	82	754101	96.99	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	161546	85.04	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1200683	107.46	ng	0.00
78) Terphenyl-d14	12.81	244	1157429	81.60	ng	0.00

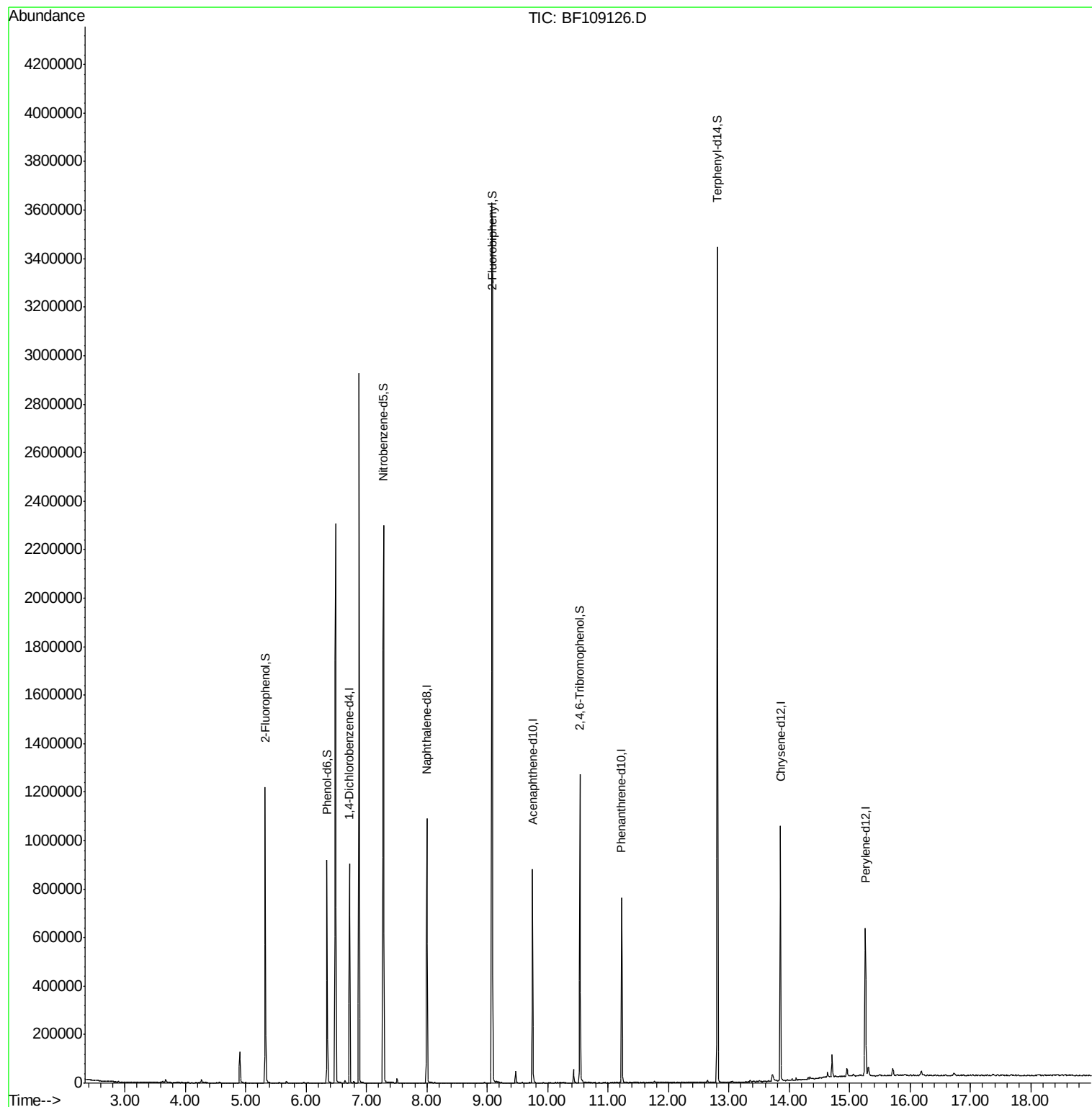
Target Compounds Qvalue

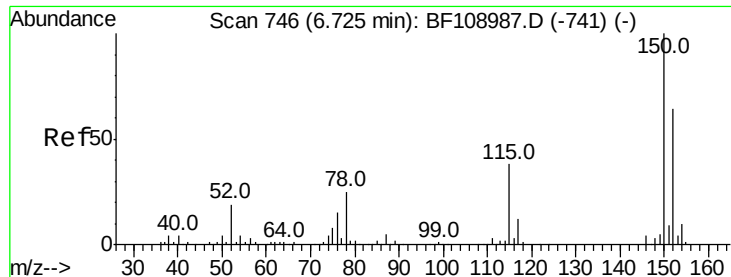
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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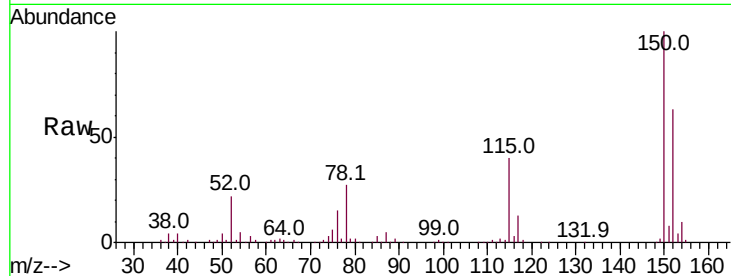


#1

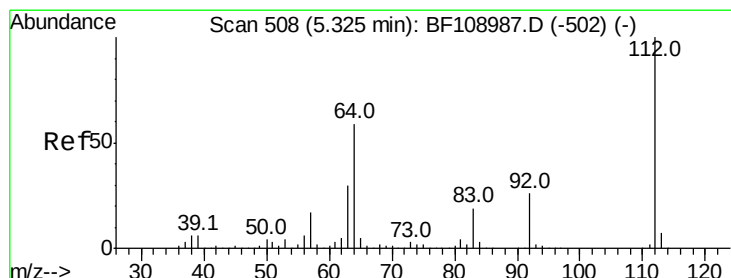
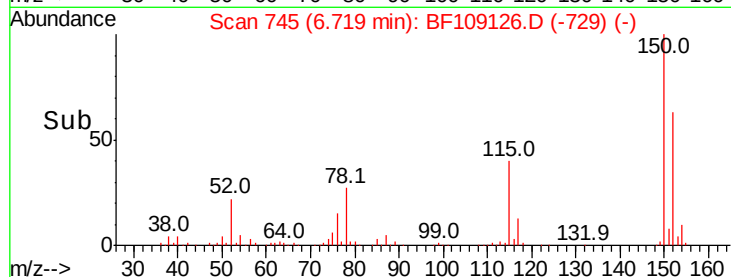
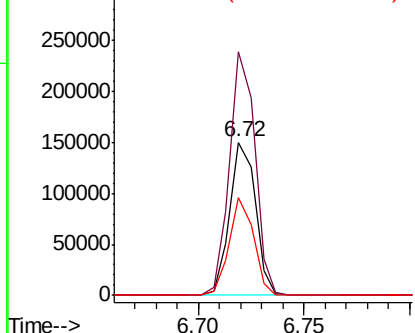
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109126.D
 Acq: 19 Sep 2018 5:36

Instrument :
 BNA_F
 ClientSampleId :
 091418-SIDI-E-D-B

Tot Ion:152 Resp: 126251
 Ion Ratio Lower Upper
 152 100
 150 159.4 124.6 186.8
 115 63.6 50.1 75.1



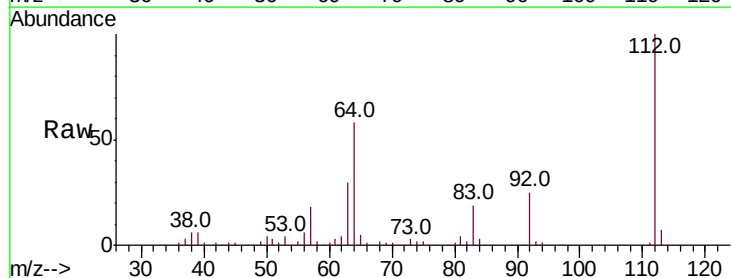
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



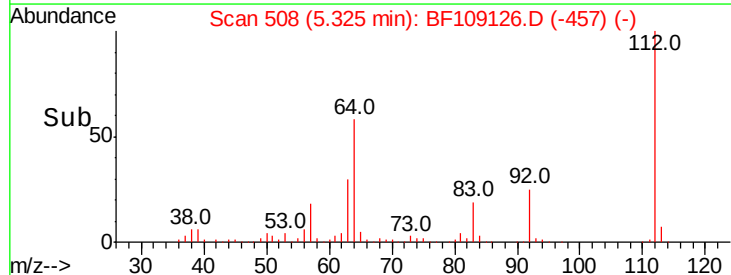
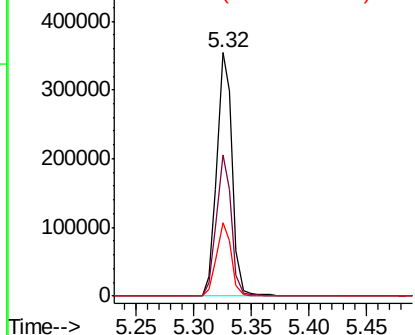
#5

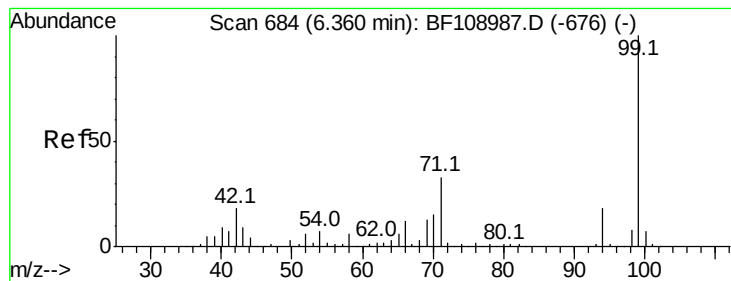
2-Fluorophenol
 Concen: 43.260 ng
 RT: 5.32 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF109126.D
 Acq: 19 Sep 2018 5:36

Tgt Ion:112 Resp: 328841
 Ion Ratio Lower Upper
 112 100
 64 58.3 47.9 71.9
 63 30.4 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: 26.701 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109126.D

Acq: 19 Sep 2018 5:36

Instrument :

BNA_F

ClientSampleId :

091418-SIDI-E-D-B

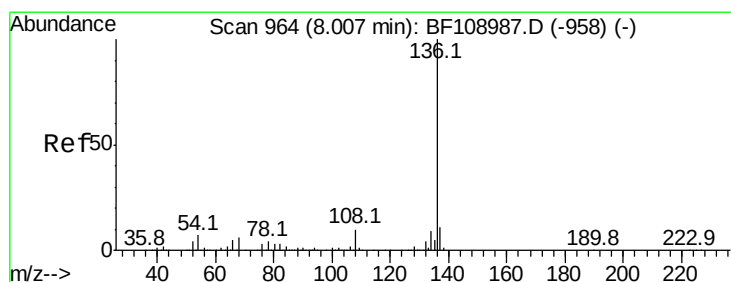
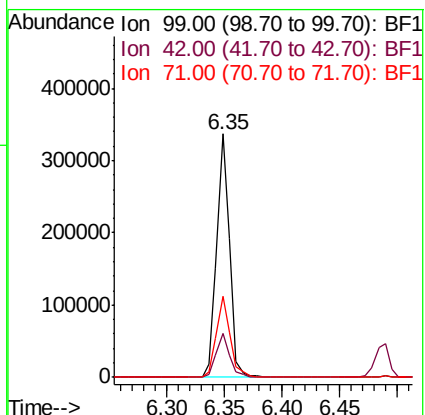
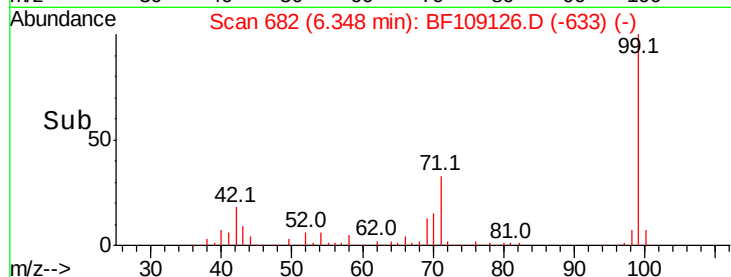
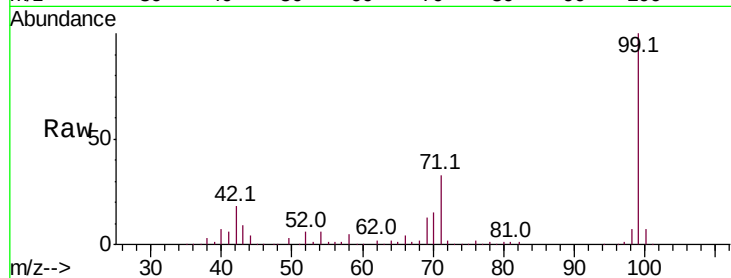
Tot Ion: 99 Resp: 261718

Ion Ratio Lower Upper

99 100

42 18.1 14.5 21.7

71 33.5 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF109126.D

Acq: 19 Sep 2018 5:36

Tgt Ion: 136 Resp: 436102

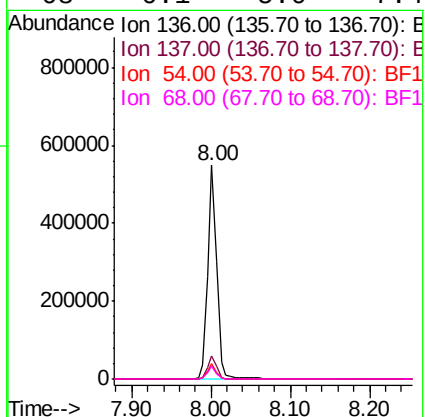
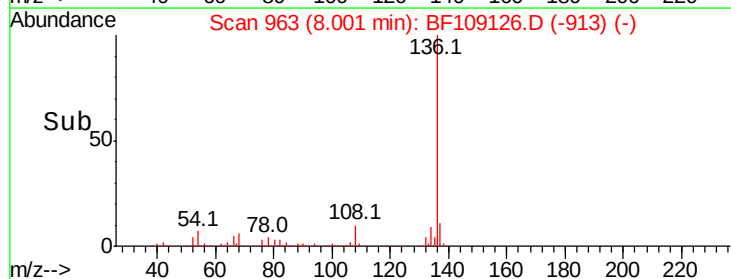
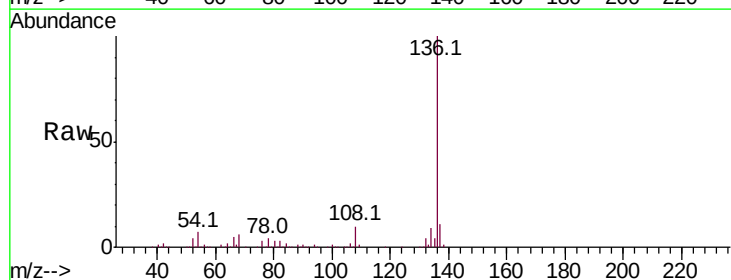
Ion Ratio Lower Upper

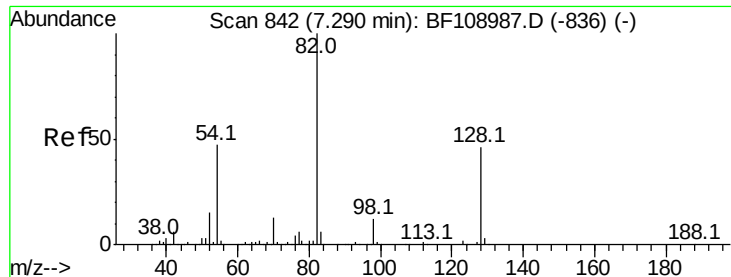
136 100

137 10.7 8.9 13.3

54 7.3 6.6 9.8

68 6.1 5.0 7.4

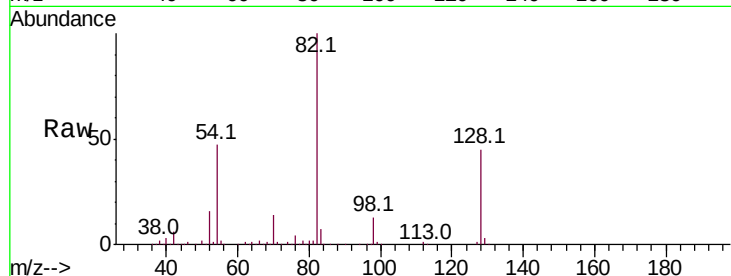




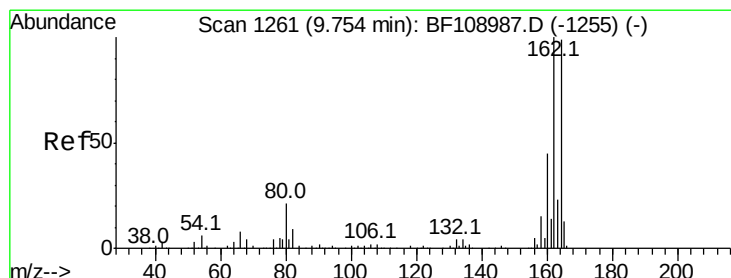
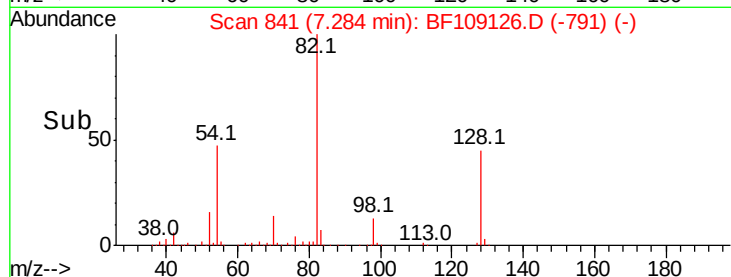
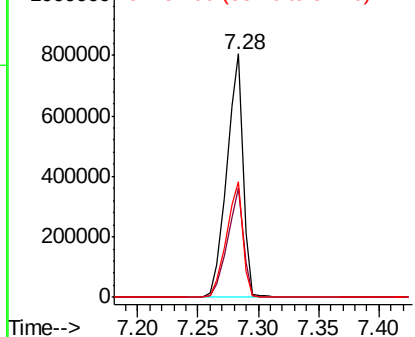
#23
Nitrobenzene-d5
Concen: 96.987 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF109126.D
Acq: 19 Sep 2018 5:36

Instrument :
BNA_F
ClientSampleId :
091418-SIDI-E-D-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.1	54.1
54	47.3	41.4	62.2

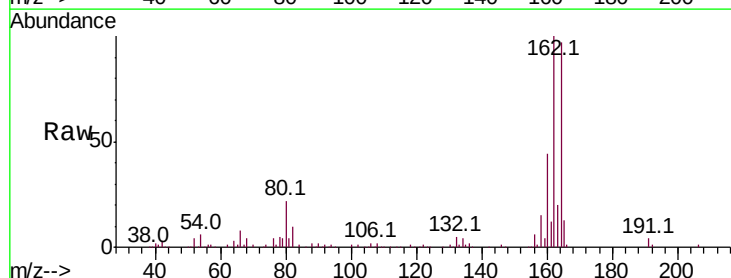


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

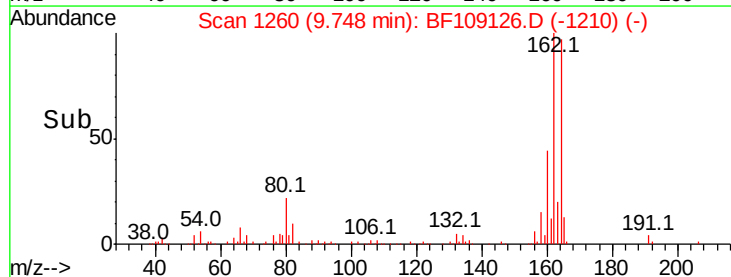
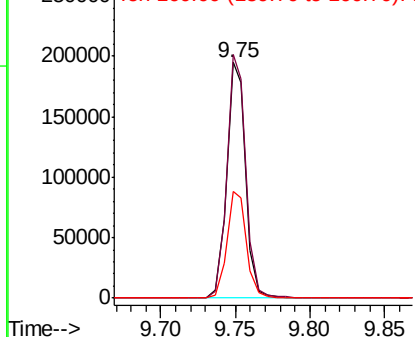


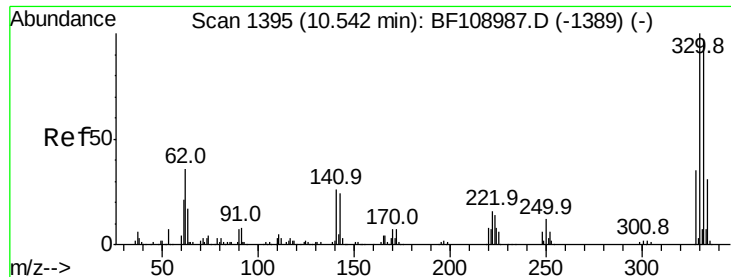
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF109126.D
Acq: 19 Sep 2018 5:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	86.1	129.1
160	45.4	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

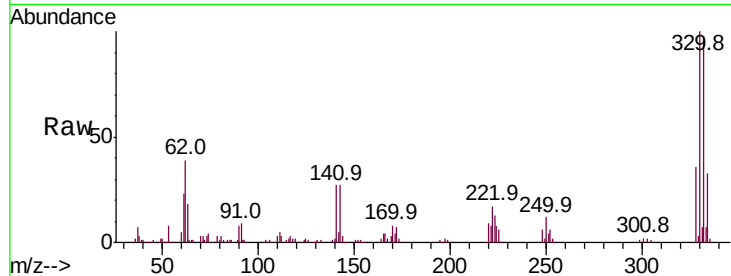




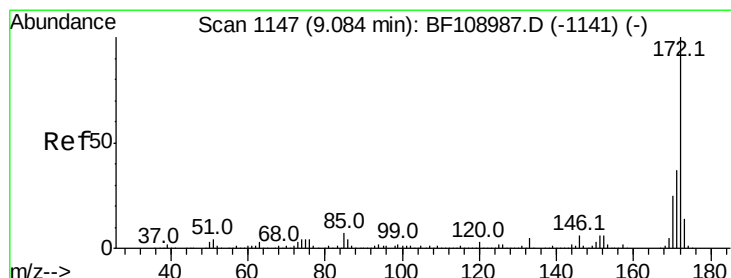
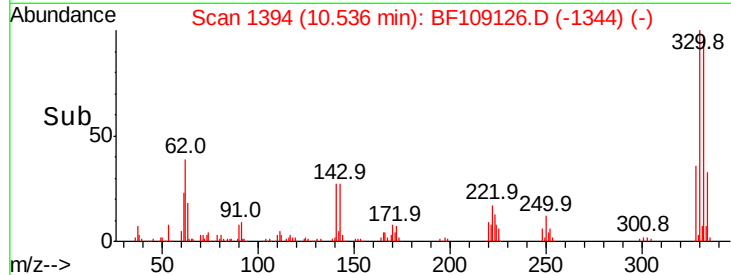
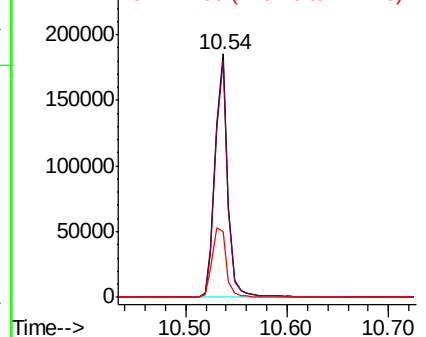
#41
 2,4,6-Tribromophenol
 Concen: 85.036 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109126.D
 Acq: 19 Sep 2018 5:36

Instrument :
 BNA_F
 ClientSampleId :
 091418-SIDI-E-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	32.0	29.9	44.9

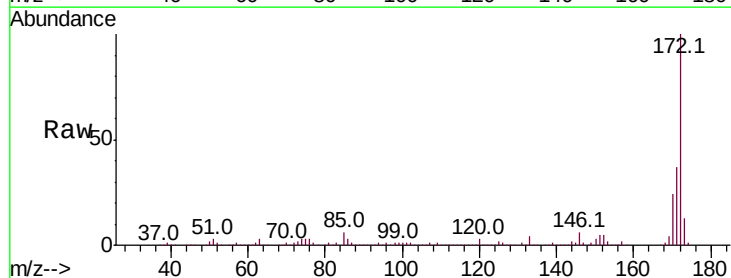


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

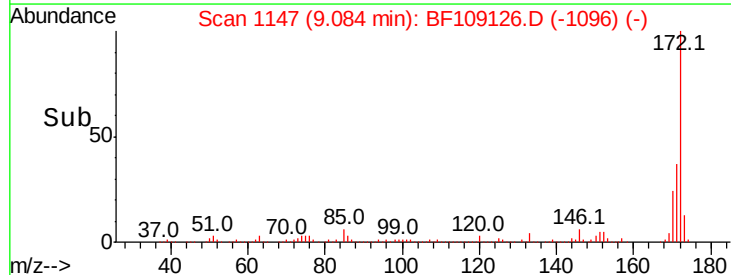
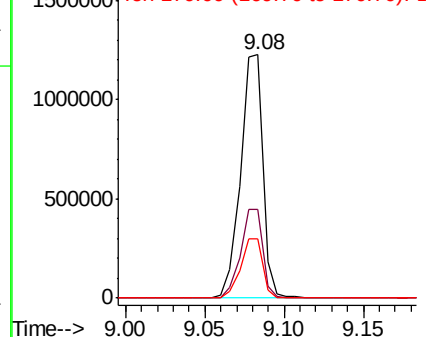


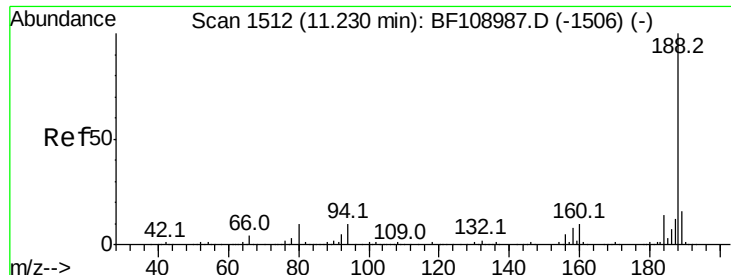
#44
 2-Fluorobiphenyl
 Concen: 107.465 ng
 RT: 9.08 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF109126.D
 Acq: 19 Sep 2018 5:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.3	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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BF109126.D

Acq: 19 Sep 2018 5:36

Instrument :

BNA_F

ClientSampleId :

091418-SIDI-E-D-B

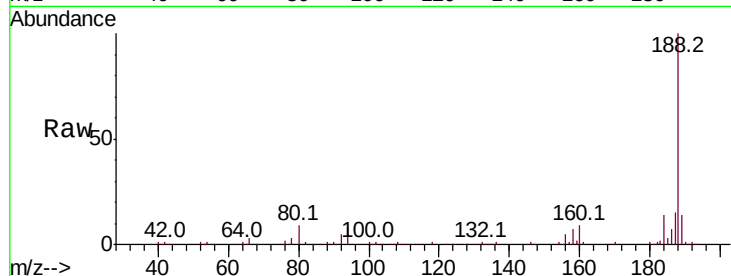
Tot Ion:188 Resp: 292323

Ion Ratio Lower Upper

188 100

94 8.3 8.5 12.7#

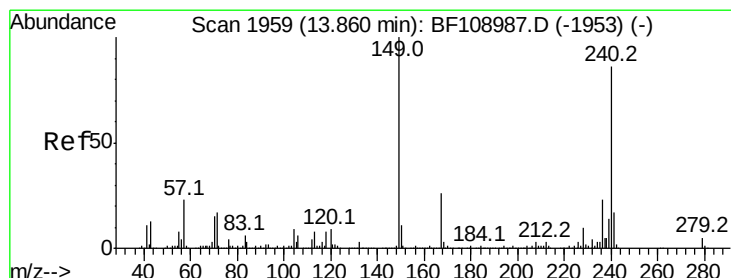
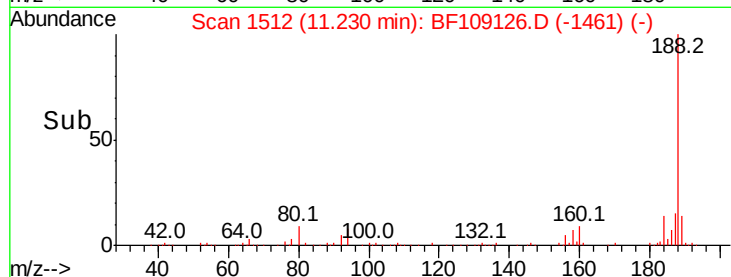
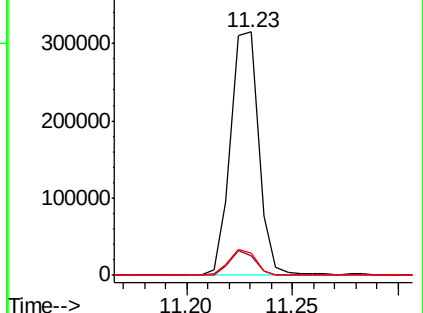
80 8.9 9.2 13.8#



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: 13.85 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BF109126.D

Acq: 19 Sep 2018 5:36

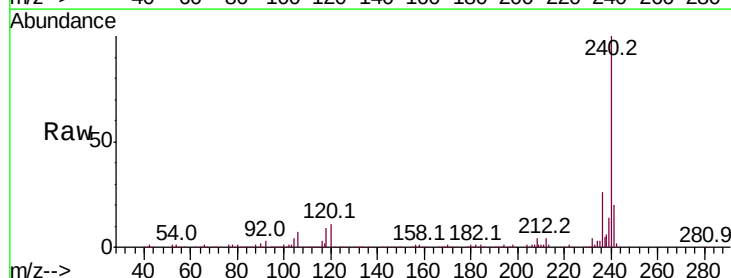
Tgt Ion:240 Resp: 336187

Ion Ratio Lower Upper

240 100

120 10.8 9.5 14.3

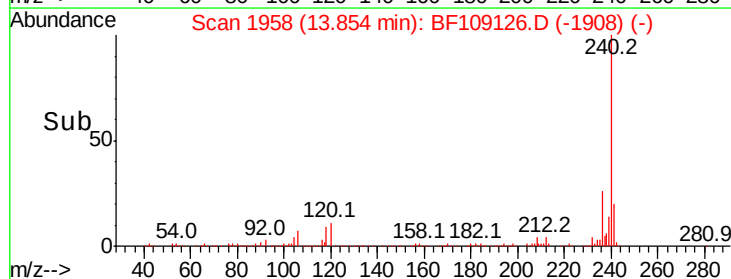
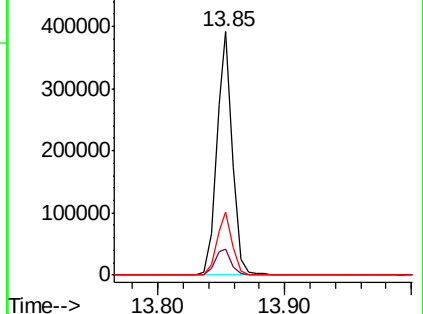
236 26.0 20.7 31.1

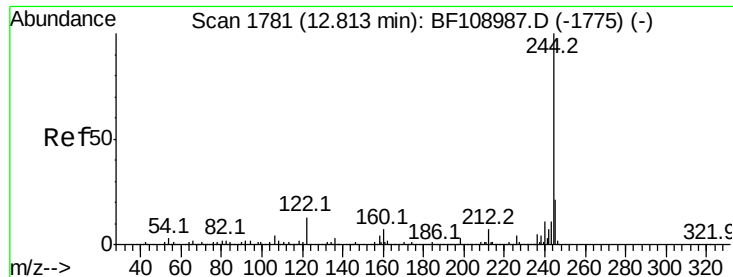


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

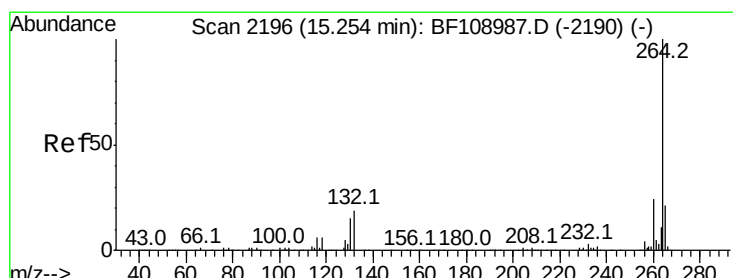
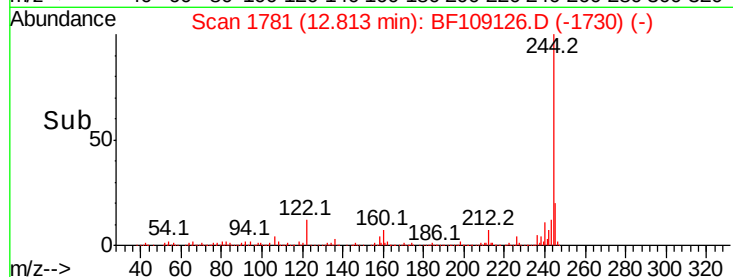
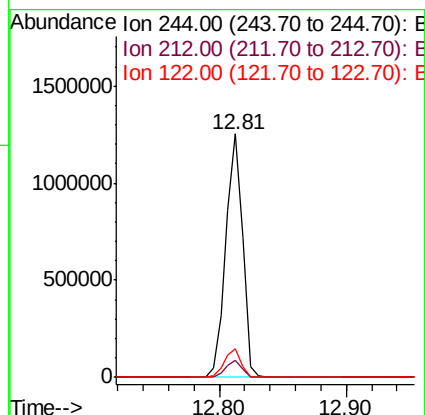
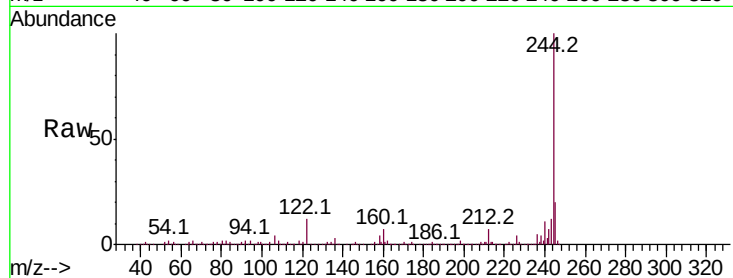




#78
 Terphenyl-d14
 Concen: 81.604 ng
 RT: 12.81 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BF109126.D
 Acq: 19 Sep 2018 5:36

Instrument :
 BNA_F
 ClientSampleId :
 091418-SIDI-E-D-B

Tot Ion:244 Resp: 1157429
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 11.7 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2197
 Delta R.T. 0.01 min
 Lab File: BF109126.D
 Acq: 19 Sep 2018 5:36

Tgt Ion:264 Resp: 280851
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.3 17.5 26.3

