

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100218\
 Data File : BF109529.D
 Acq On : 3 Oct 2018 4:30
 Operator : JU/SJ
 Sample : J5187-08
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092818-SIDI-F-D-M

Quant Time: Oct 03 05:09:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	102724	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	390545	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	188253	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	355582	20.00	ng	0.00
75) Chrysene-d12	13.83	240	239255	20.00	ng	-0.01
86) Perylene-d12	15.23	264	247995	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	268234	43.01	ng	0.00
7) Phenol-d6	6.34	99	221688	27.86	ng	-0.02
23) Nitrobenzene-d5	7.27	82	724184	109.46	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	199893	107.71	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	1283310	102.81	ng	-0.01
78) Terphenyl-d14	12.79	244	1158442	118.83	ng	-0.01

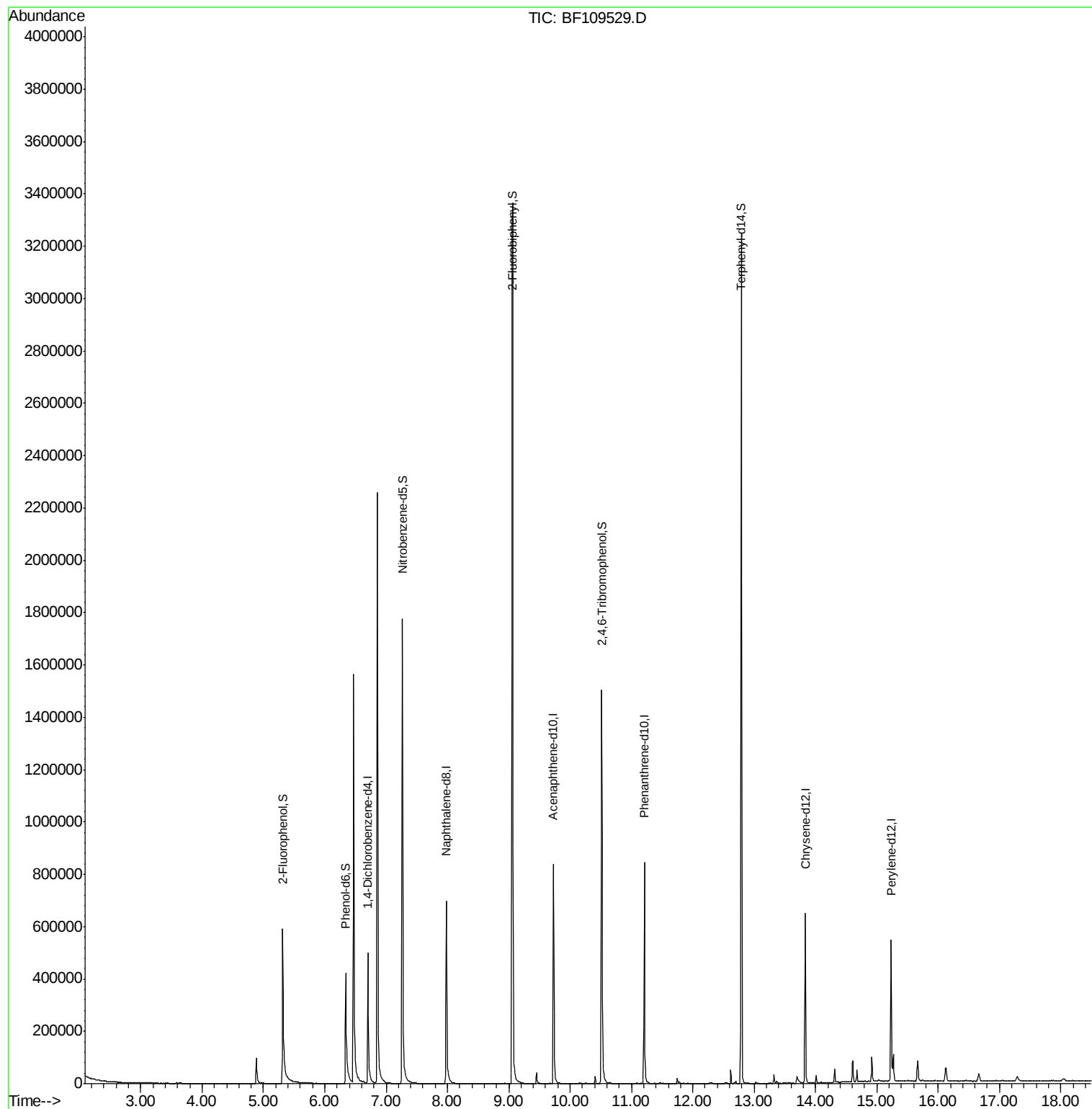
Target Compounds Qvalue

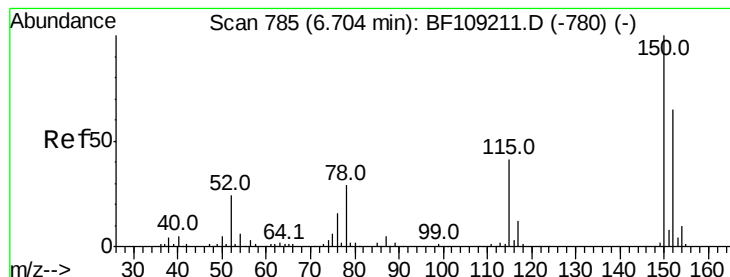
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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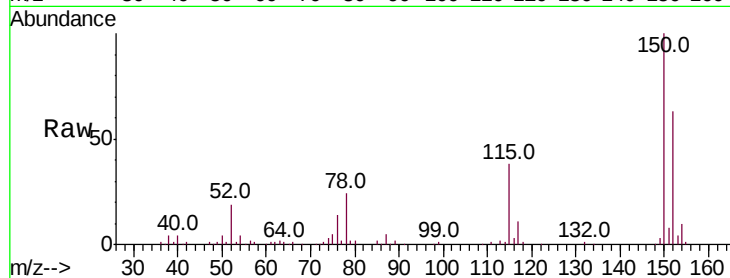


#1

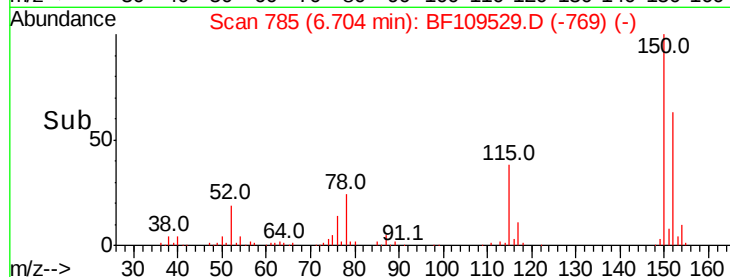
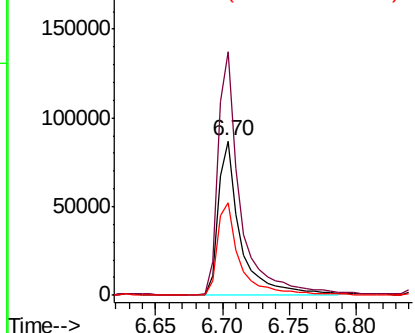
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109529.D
Acq: 3 Oct 2018 4:30

Instrument :
BNA_F
ClientSampleId :
092818-SIDI-F-D-M

Tot Ion:152 Resp: 102724
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 59.6 50.1 75.1



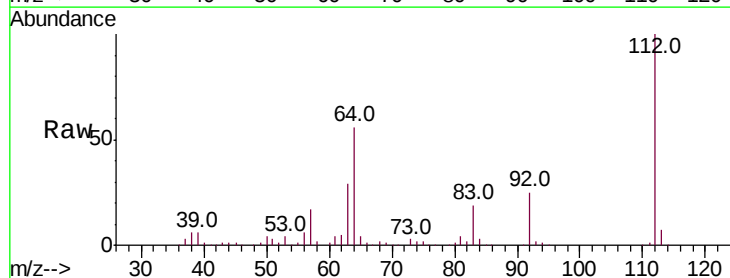
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



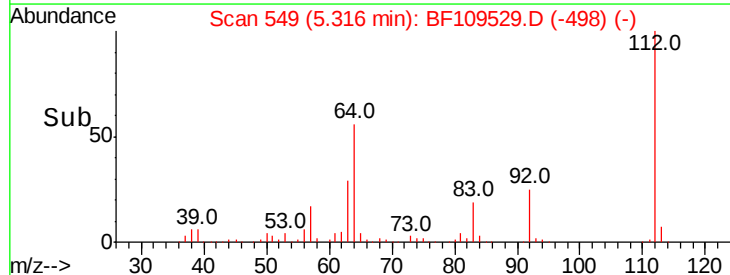
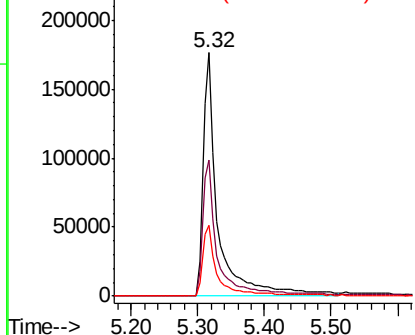
#5

2-Fluorophenol
Concen: 43.009 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109529.D
Acq: 3 Oct 2018 4:30

Tgt Ion:112 Resp: 268234
Ion Ratio Lower Upper
112 100
64 55.7 47.9 71.9
63 29.2 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: 27.856 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109529.D

Acq: 3 Oct 2018 4:30

Instrument :

BNA_F

ClientSampleId :

092818-SIDI-F-D-M

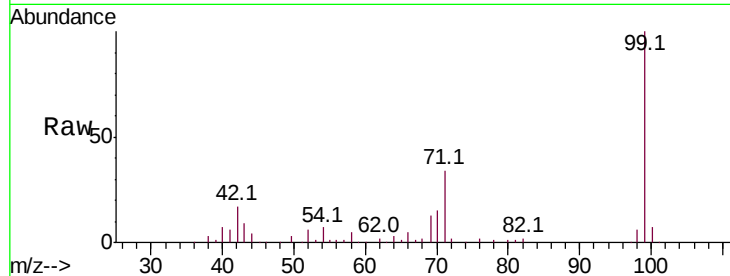
Tot Ion: 99 Resp: 221688

Ion Ratio Lower Upper

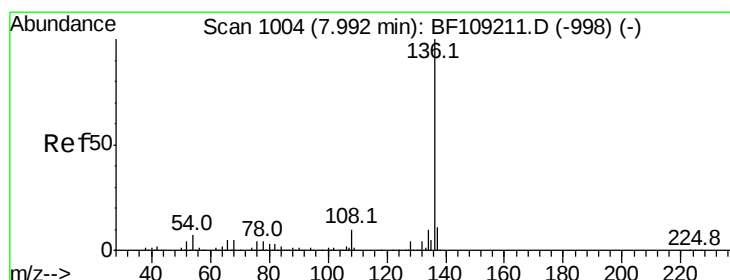
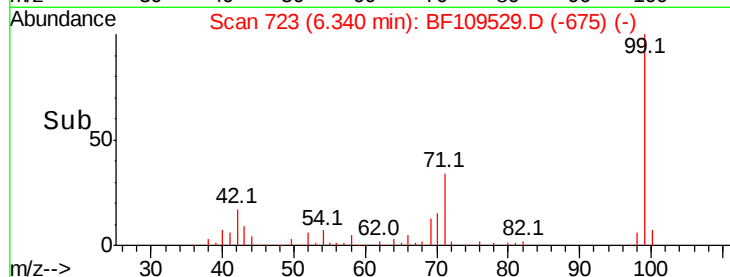
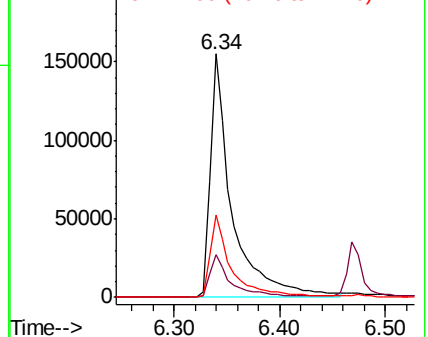
99 100

42 17.4 14.5 21.7

71 33.8 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: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF109529.D

Acq: 3 Oct 2018 4:30

Tgt Ion: 136 Resp: 390545

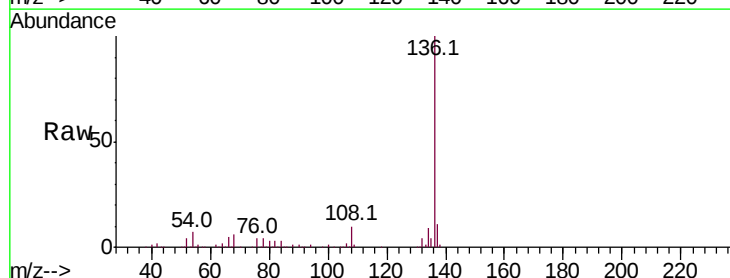
Ion Ratio Lower Upper

136 100

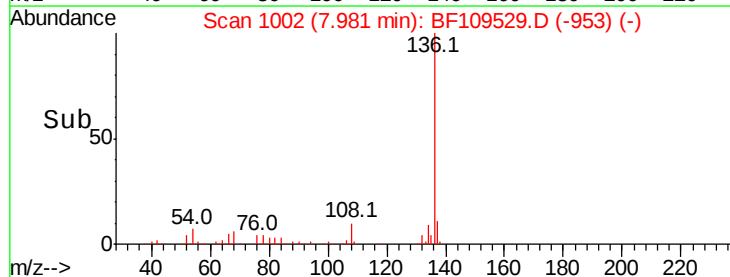
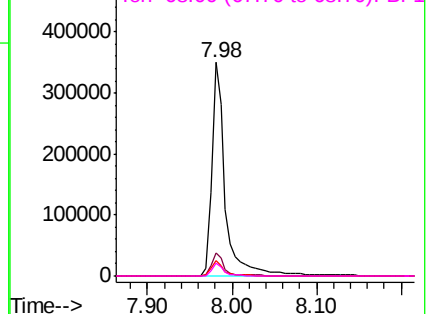
137 10.8 8.9 13.3

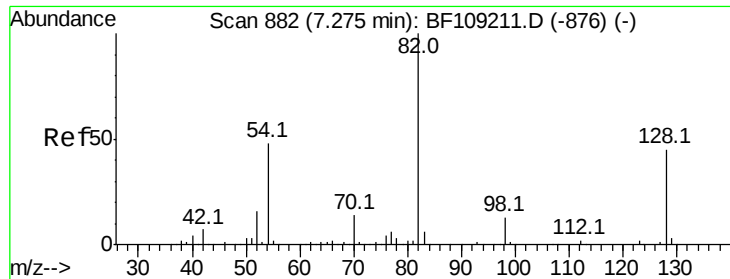
54 7.2 6.6 9.8

68 5.9 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

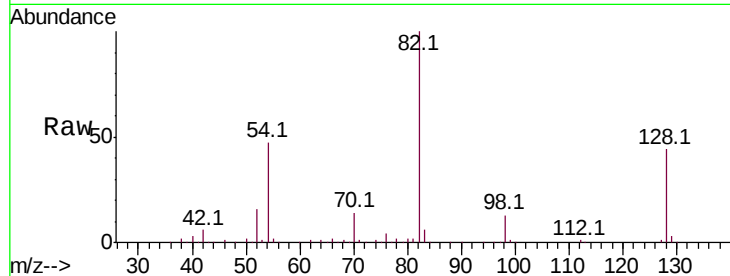




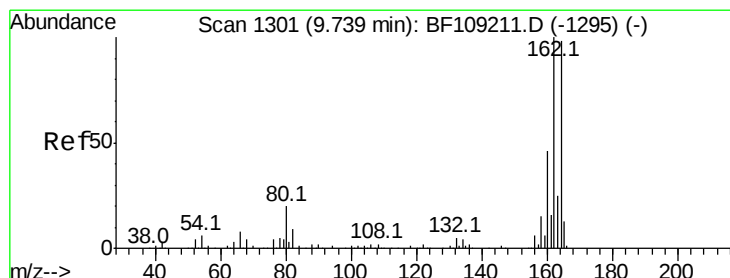
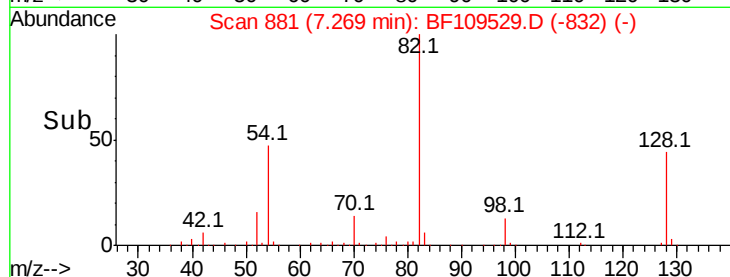
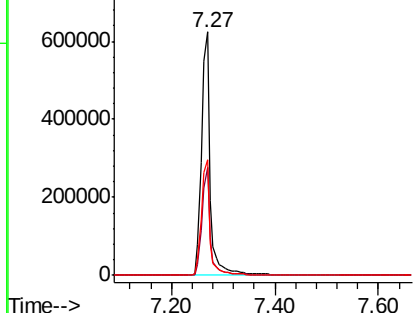
#23
 Nitrobenzene-d5
 Concen: 109.462 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109529.D
 Acq: 3 Oct 2018 4:30

Instrument :
 BNA_F
 ClientSampleId :
 092818-SIDI-F-D-M

Tot Ion: 82 Resp: 724184
 Ion Ratio Lower Upper
 82 100
 128 44.3 36.1 54.1
 54 47.3 41.4 62.2

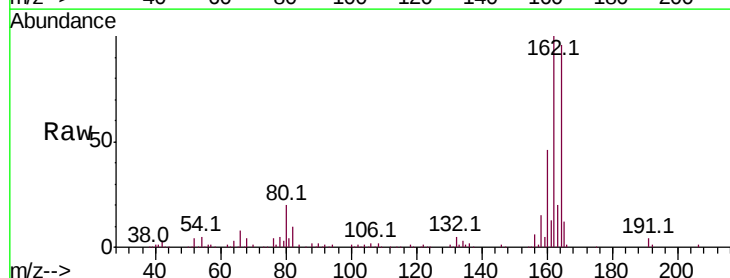


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

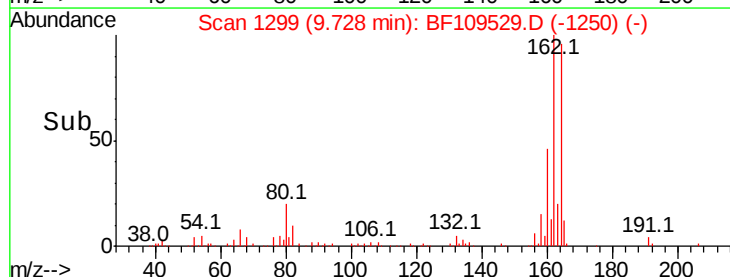
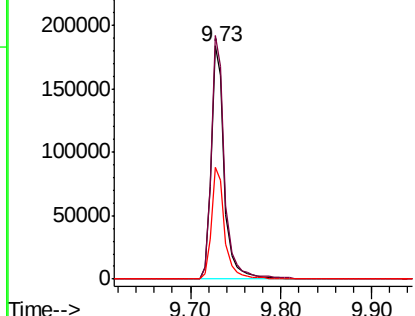


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF109529.D
 Acq: 3 Oct 2018 4:30

Tgt Ion: 164 Resp: 188253
 Ion Ratio Lower Upper
 164 100
 162 104.6 86.1 129.1
 160 47.8 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

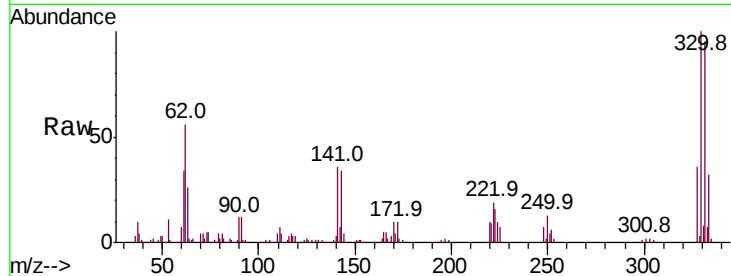




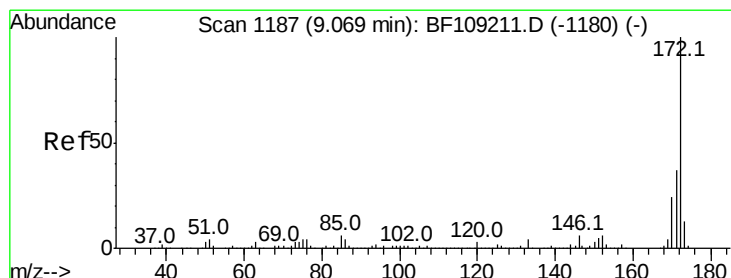
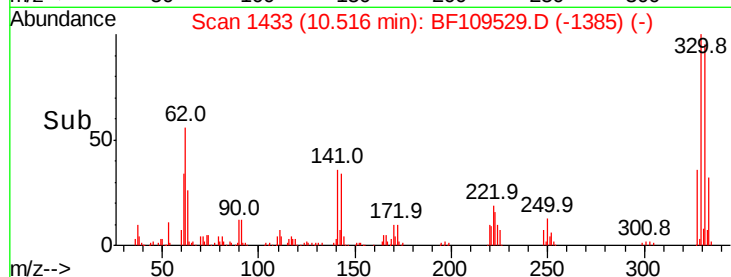
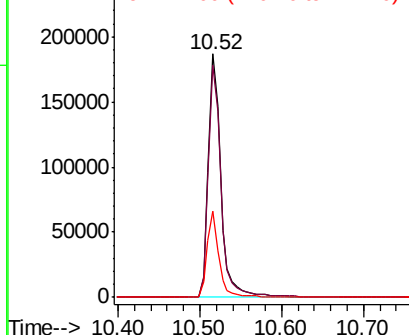
#41
 2,4,6-Tribromophenol
 Concen: 107.714 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF109529.D
 Acq: 3 Oct 2018 4:30

Instrument :
 BNA_F
 ClientSampleId :
 092818-SIDI-F-D-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	33.6	29.9	44.9

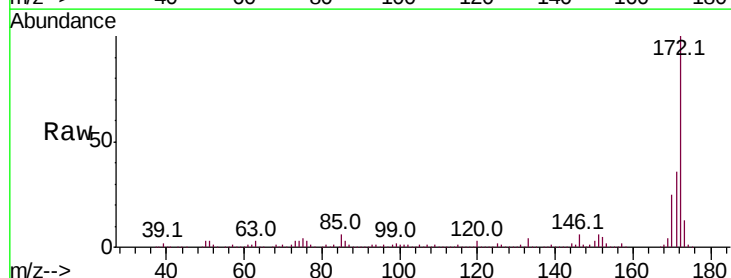


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

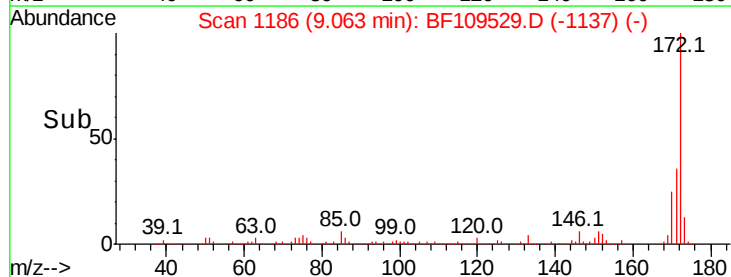
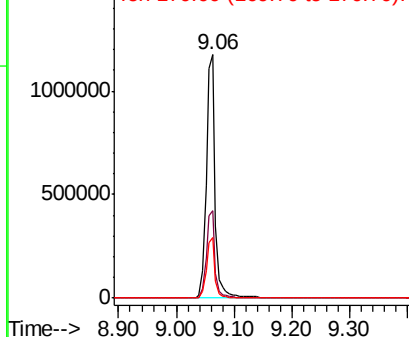


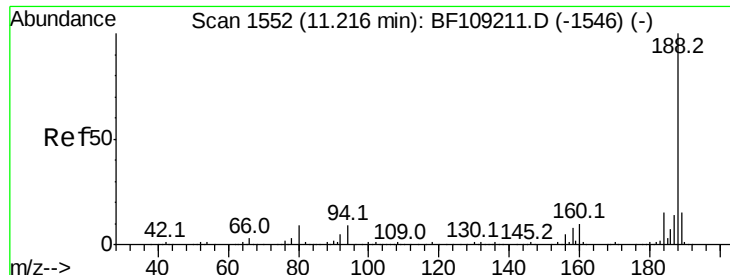
#44
 2-Fluorobiphenyl
 Concen: 102.813 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109529.D
 Acq: 3 Oct 2018 4:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.6	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

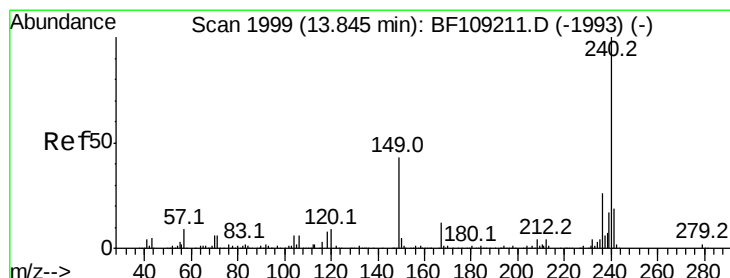
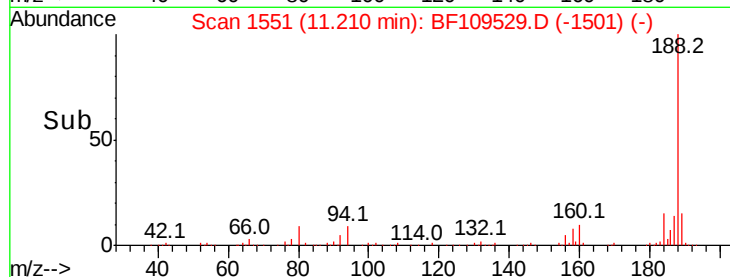
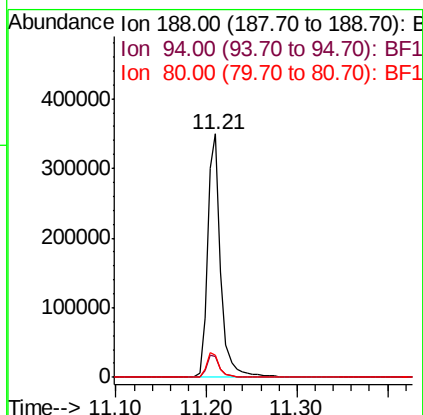
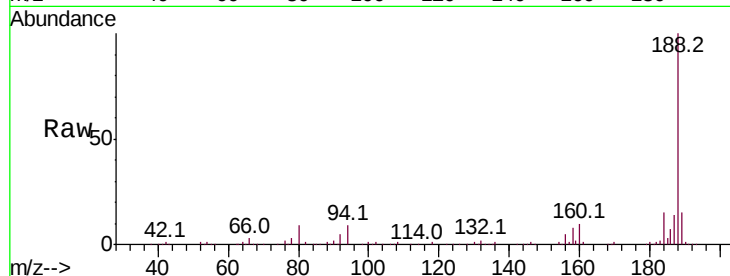




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF109529.D
 Acq: 3 Oct 2018 4:30

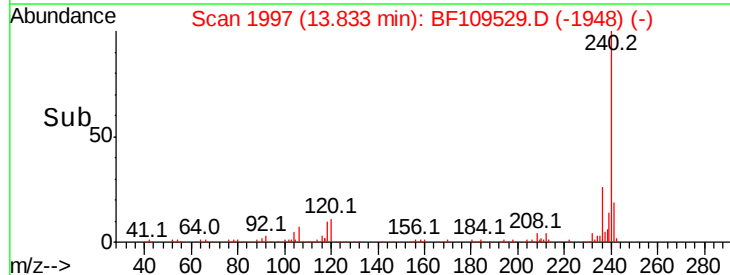
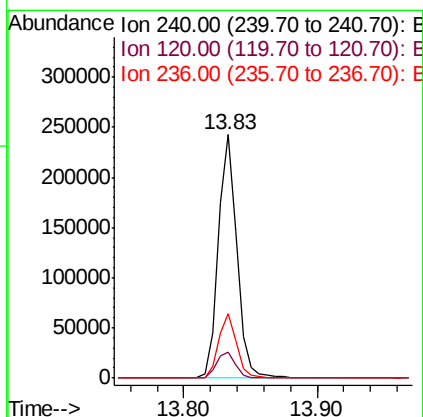
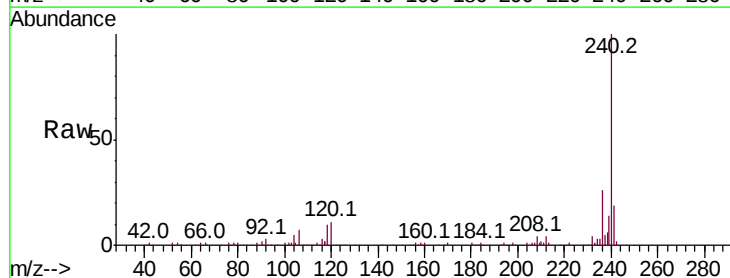
Instrument :
 BNA_F
 ClientSampleId :
 092818-SIDI-F-D-M

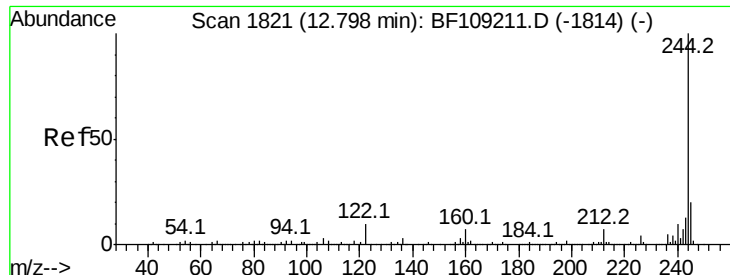
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.5	12.7
80	9.0	9.2	13.8#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF109529.D
 Acq: 3 Oct 2018 4:30

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.5	14.3
236	26.2	20.7	31.1





#78

Terphenyl-d14

Concen: 118.827 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109529.D

Acq: 3 Oct 2018 4:30

Instrument :

BNA_F

ClientSampleId :

092818-SIDI-F-D-M

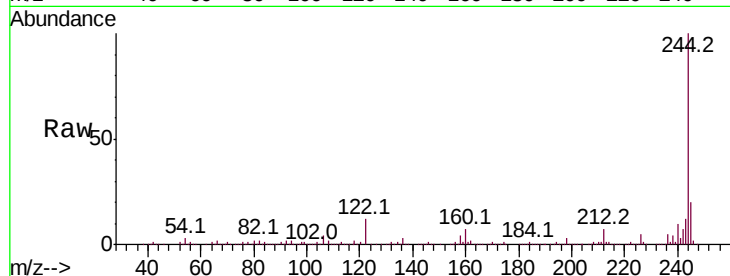
Tot Ion:244 Resp: 1158442

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

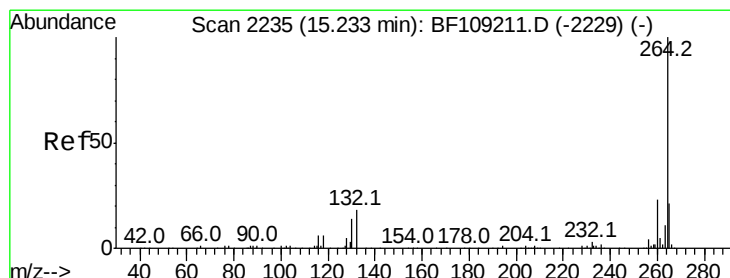
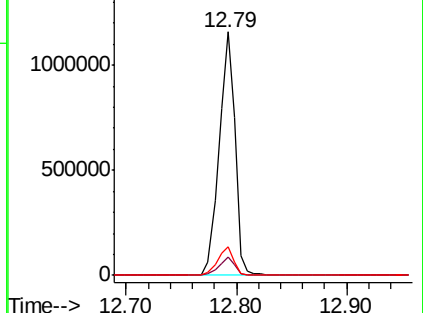
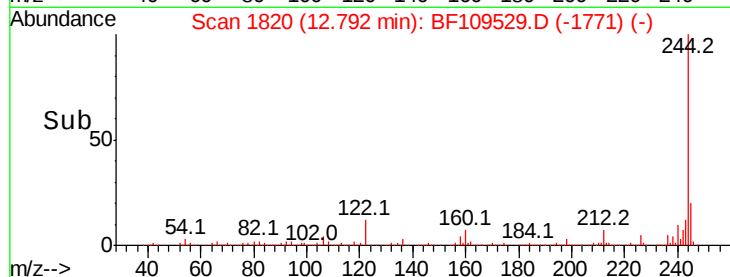
122 11.9 11.0 16.4



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: 15.23 min Scan# 2235

Delta R.T. -0.01 min

Lab File: BF109529.D

Acq: 3 Oct 2018 4:30

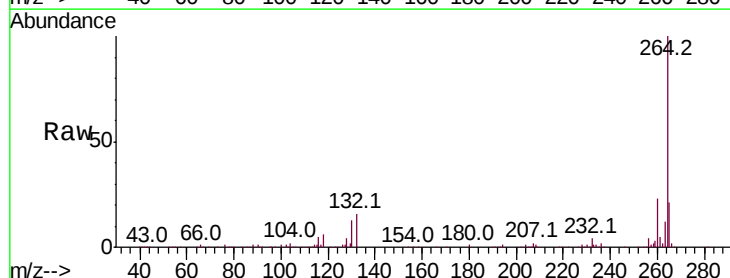
Tgt Ion:264 Resp: 247995

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.3 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

