

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
 Data File : BF109675.D
 Acq On : 9 Oct 2018 4:01
 Operator : JU/SJ
 Sample : J5299-10
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 100518-SIDI-F-U-S

Quant Time: Oct 09 05:37:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	92861	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	349684	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	138370	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	222917	20.00	ng	0.00
75) Chrysene-d12	13.83	240	211369	20.00	ng	0.00
86) Perylene-d12	15.22	264	183718	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	187157	35.77	ng	0.00
7) Phenol-d6	6.35	99	178942	25.60	ng	-0.01
23) Nitrobenzene-d5	7.26	82	625754	98.64	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	119348	79.16	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1017300	101.26	ng	0.00
78) Terphenyl-d14	12.78	244	816043	74.74	ng	0.00

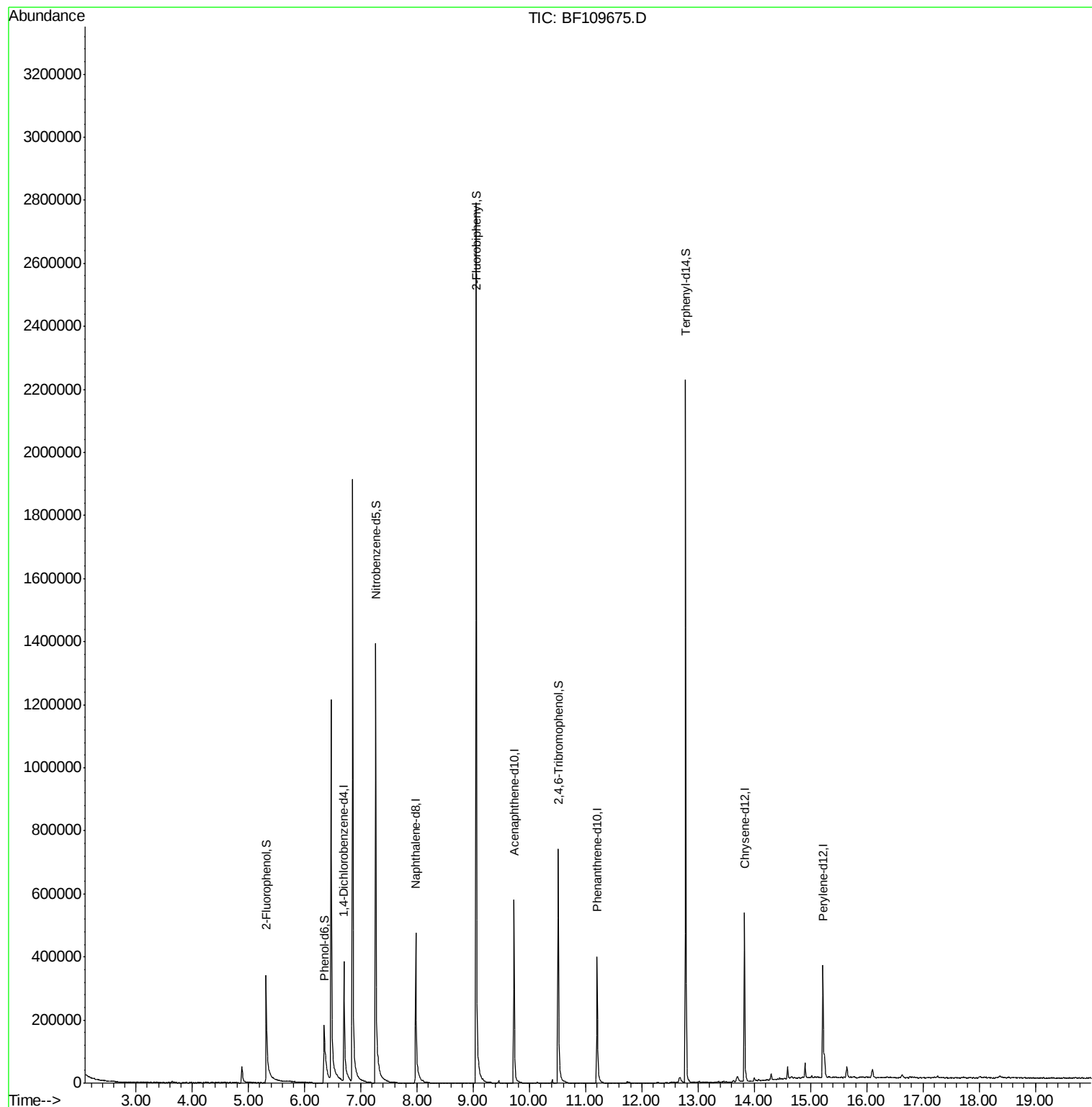
Target Compounds Qvalue

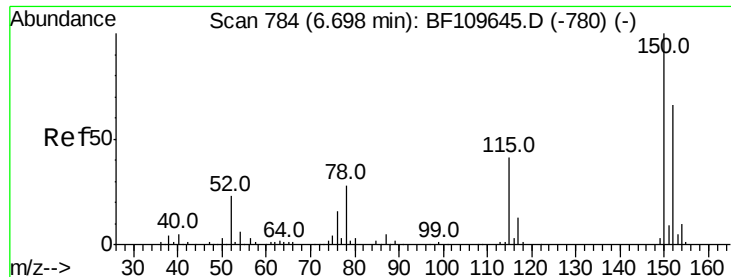
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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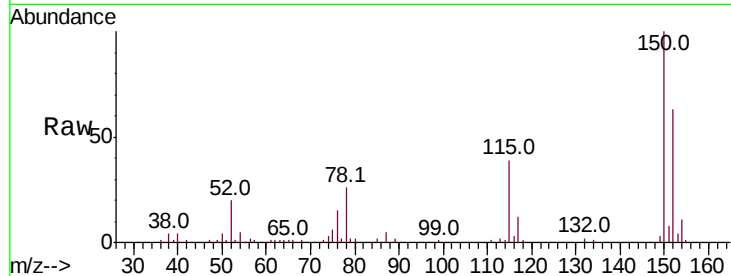


#1

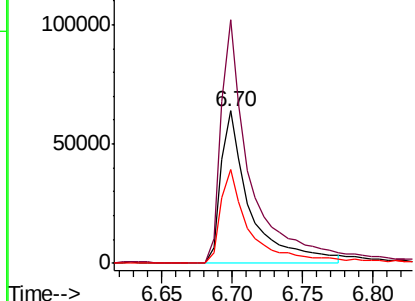
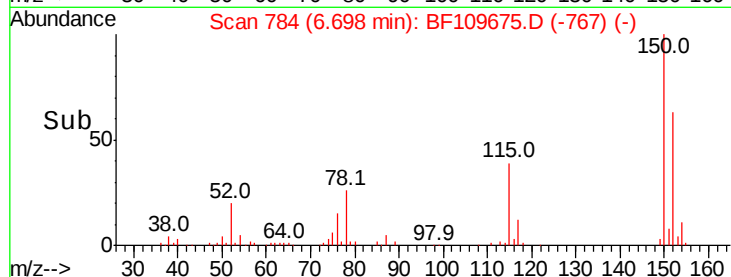
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF109675.D
Acq: 9 Oct 2018 4:01

Instrument :
BNA_F
ClientSampleId :
100518-SIDI-F-U-S

Tot Ion:152 Resp: 92861
Ion Ratio Lower Upper
152 100
150 159.9 122.7 184.1
115 61.7 49.1 73.7



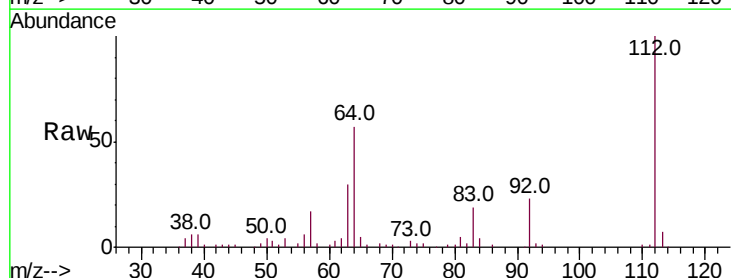
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



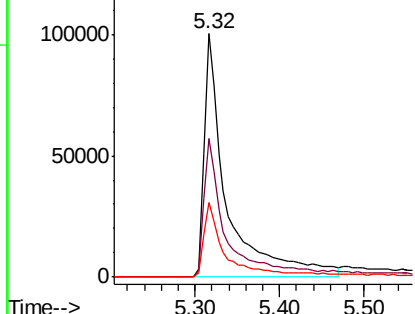
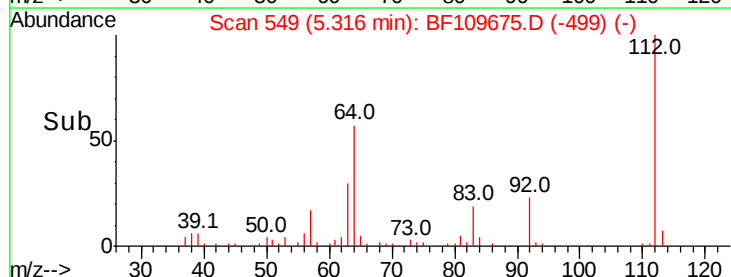
#5

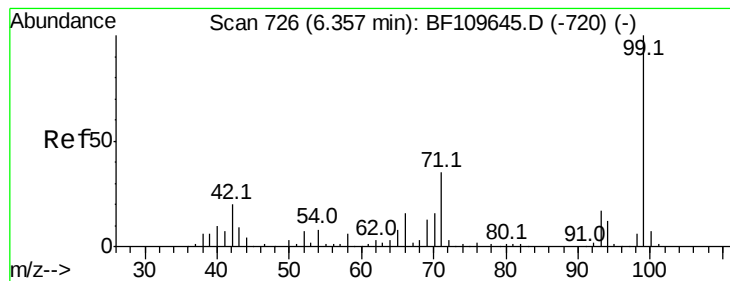
2-Fluorophenol
Concen: 35.775 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF109675.D
Acq: 9 Oct 2018 4:01

Tgt Ion:112 Resp: 187157
Ion Ratio Lower Upper
112 100
64 57.0 44.1 66.1
63 30.5 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: 25.604 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109675.D

Acq: 9 Oct 2018 4:01

Instrument :

BNA_F

ClientSampleId :

100518-SIDI-F-U-S

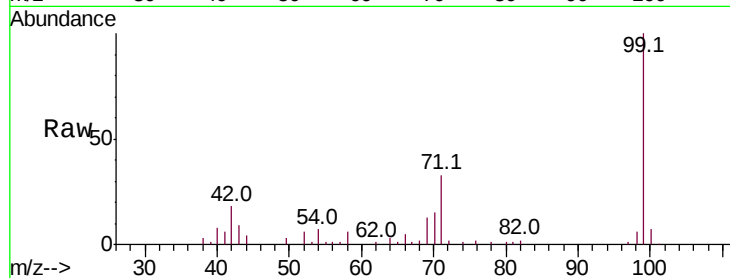
Tot Ion: 99 Resp: 178942

Ion Ratio Lower Upper

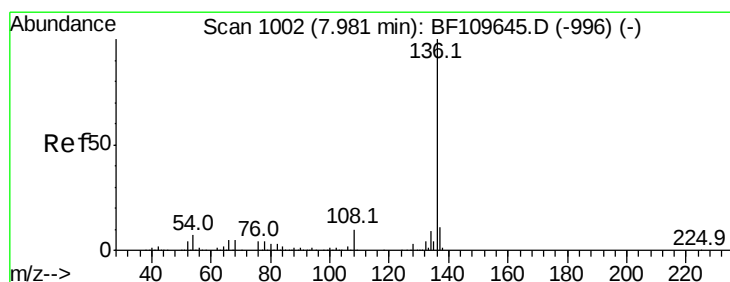
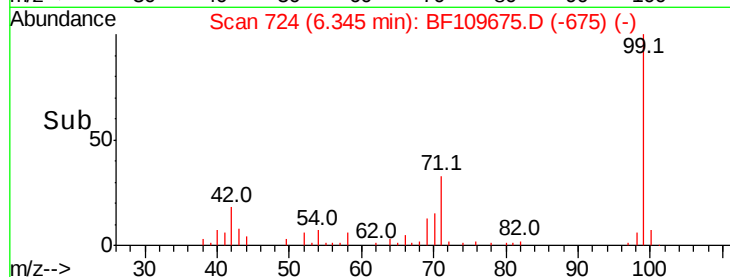
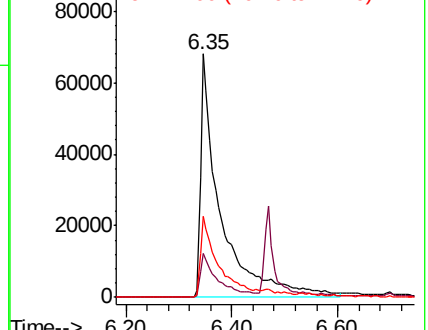
99 100

42 18.1 15.8 23.6

71 33.1 28.0 42.0



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: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109675.D

Acq: 9 Oct 2018 4:01

Tgt Ion: 136 Resp: 349684

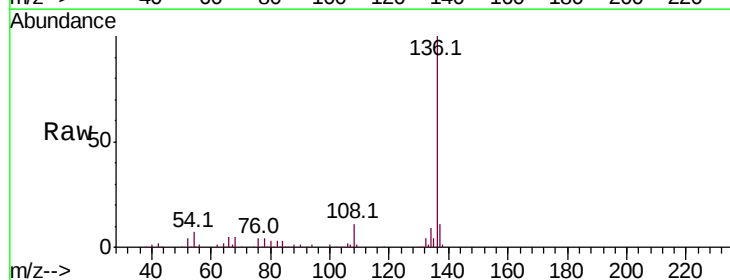
Ion Ratio Lower Upper

136 100

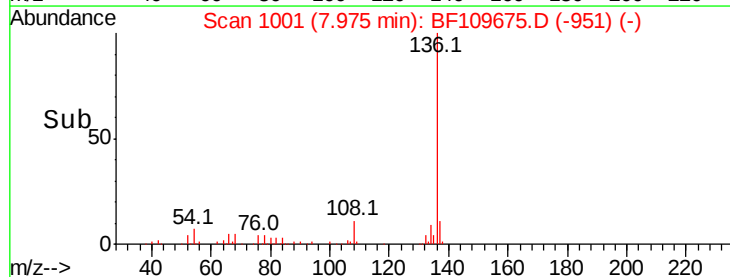
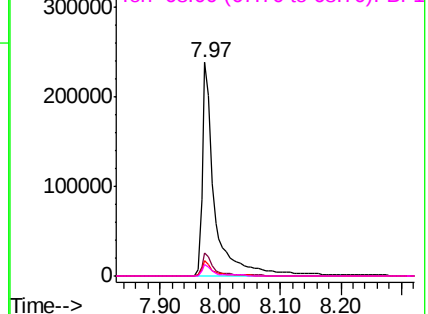
137 10.9 8.8 13.2

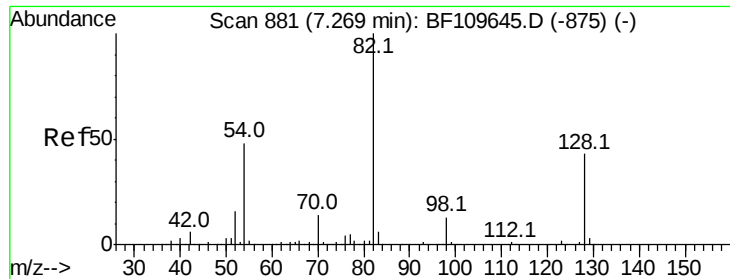
54 7.3 5.4 8.2

68 5.2 4.2 6.2



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

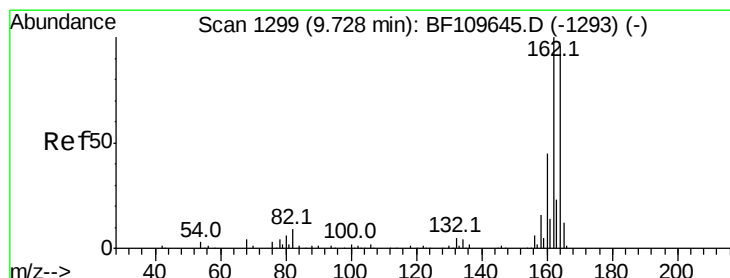
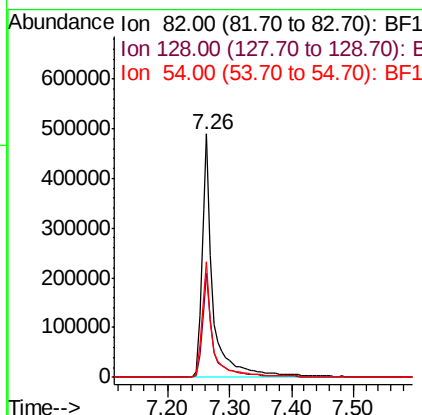
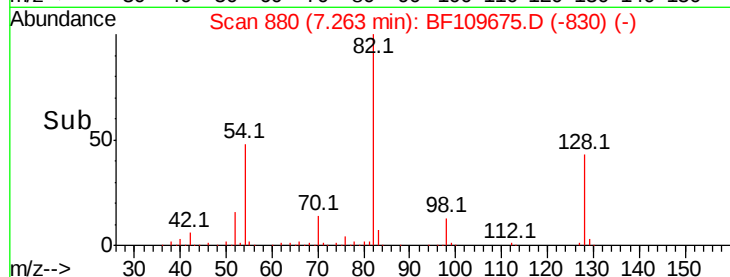
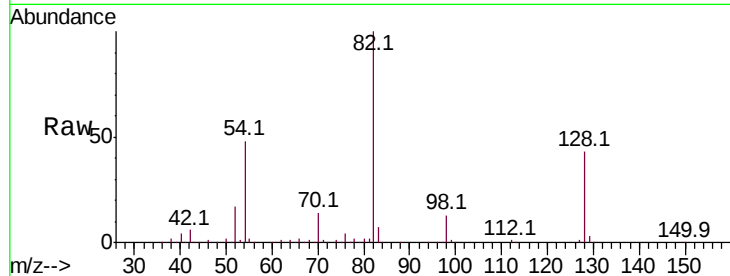




#23
 Nitrobenzene-d5
 Concen: 98.642 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF109675.D
 Acq: 9 Oct 2018 4:01

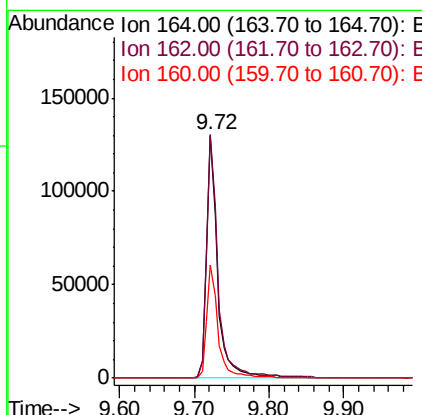
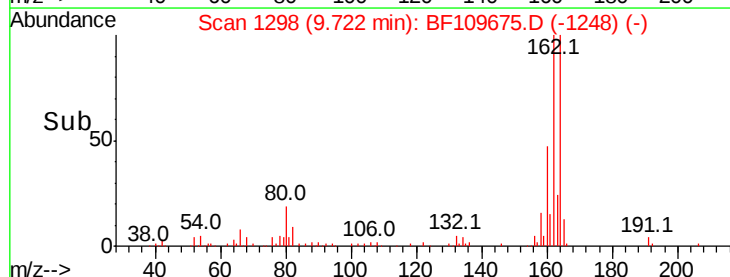
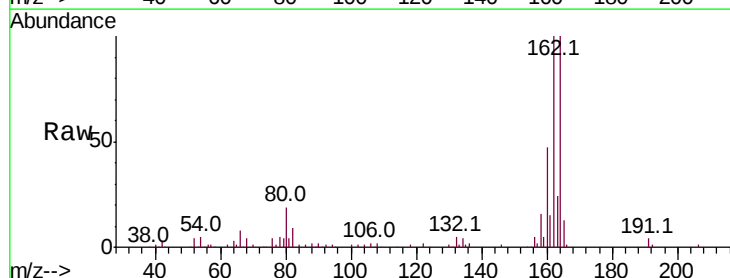
Instrument :
 BNA_F
 ClientSampleId :
 100518-SIDI-F-U-S

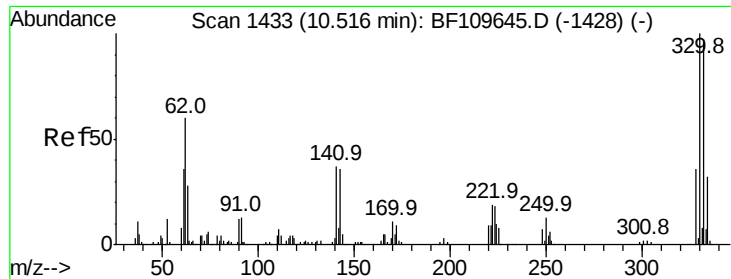
Tot Ion: 82 Resp: 625754
 Ion Ratio Lower Upper
 82 100
 128 42.7 34.2 51.2
 54 47.7 38.6 58.0



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109675.D
 Acq: 9 Oct 2018 4:01

Tgt Ion:164 Resp: 138370
 Ion Ratio Lower Upper
 164 100
 162 100.5 83.0 124.6
 160 46.9 37.0 55.6

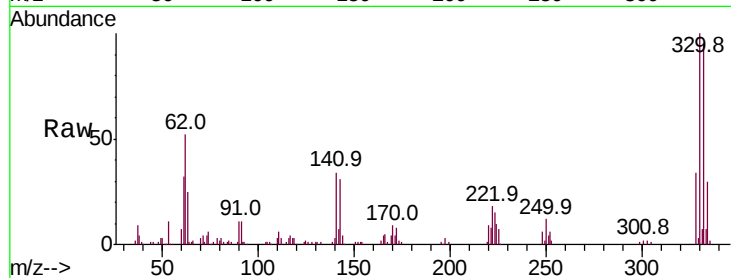




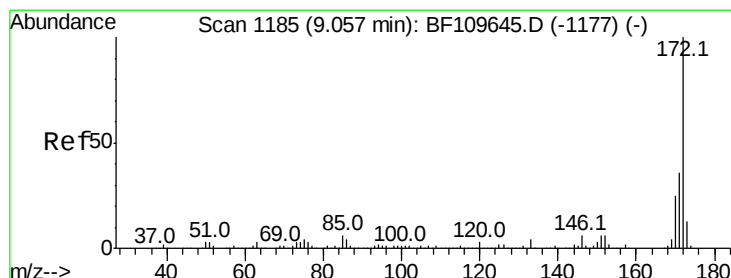
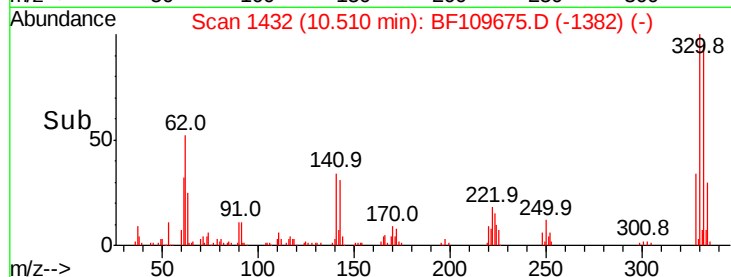
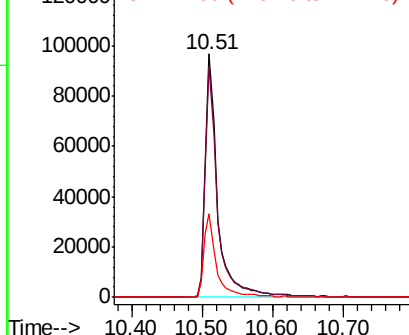
#41
2,4,6-Tribromophenol
Concen: 79.159 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF109675.D
Acq: 9 Oct 2018 4:01

Instrument :
BNA_F
ClientSampleId :
100518-SIDI-F-U-S

Tot Ion:330 Resp: 119348
Ion Ratio Lower Upper
330 100
332 95.1 77.1 115.7
141 34.5 27.0 40.4

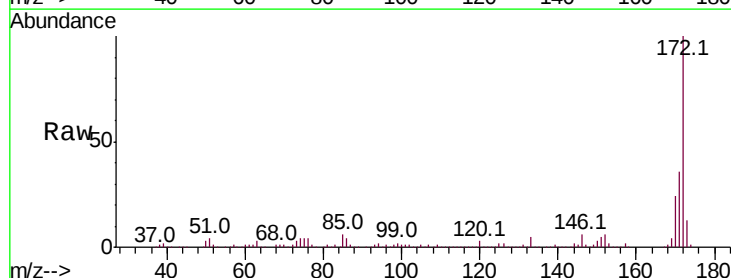


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

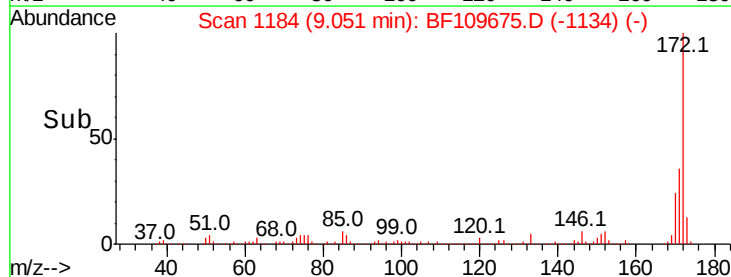
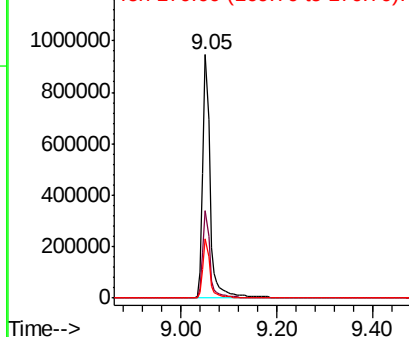


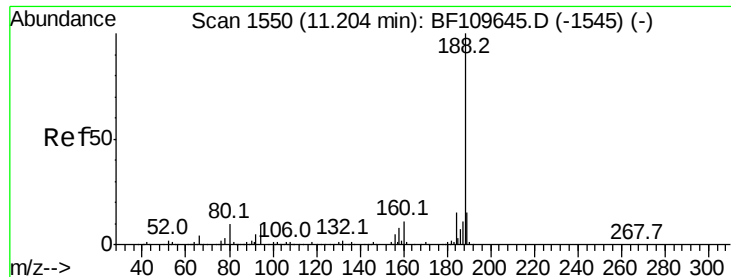
#44
2-Fluorobiphenyl
Concen: 101.256 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109675.D
Acq: 9 Oct 2018 4:01

Tgt Ion:172 Resp: 1017300
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 24.2 19.7 29.5



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

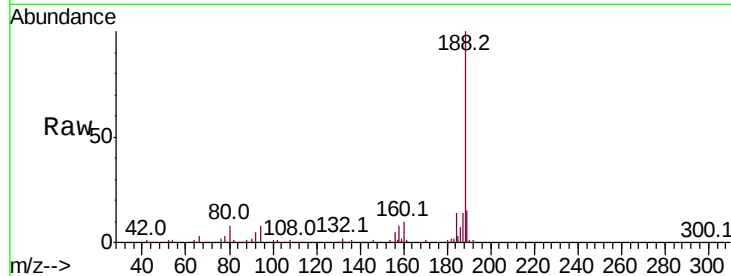




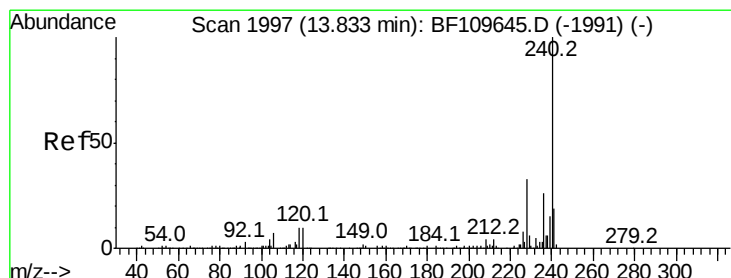
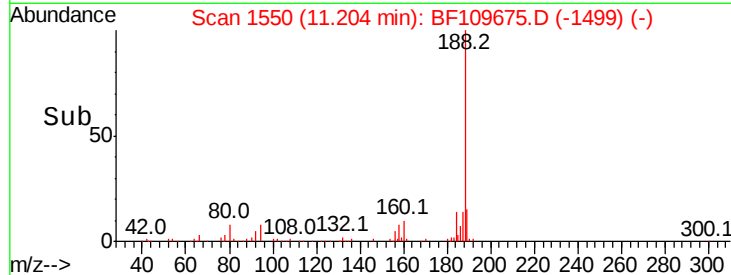
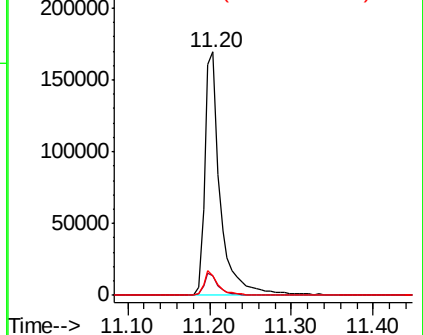
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BF109675.D
Acq: 9 Oct 2018 4:01

Instrument :
BNA_F
ClientSampleId :
100518-SIDI-F-U-S

Tot Ion:188 Resp: 222917
Ion Ratio Lower Upper
188 100
94 7.9 7.2 10.8
80 8.2 7.9 11.9

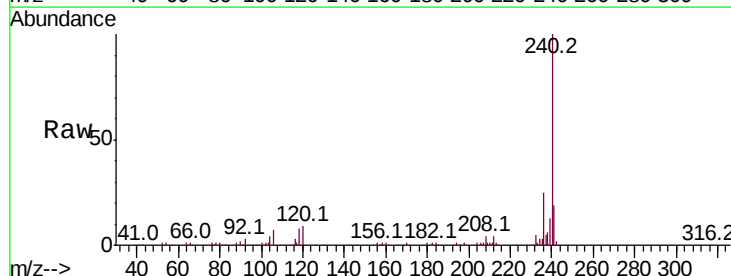


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

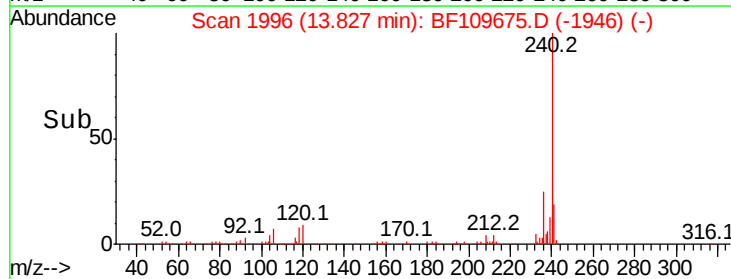
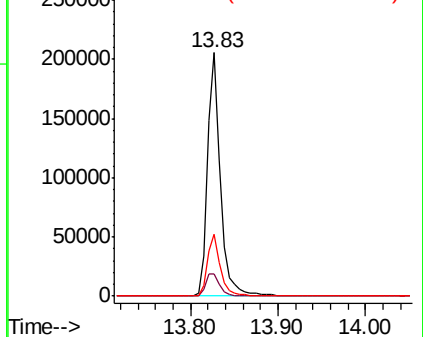


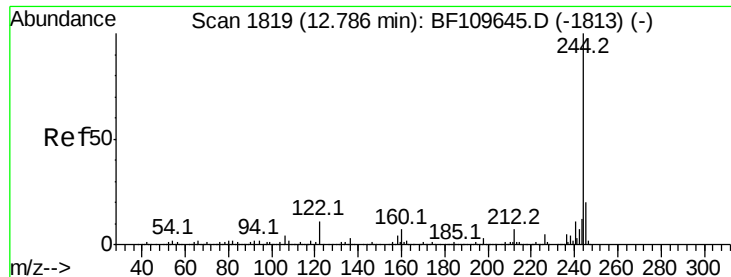
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109675.D
Acq: 9 Oct 2018 4:01

Tgt Ion:240 Resp: 211369
Ion Ratio Lower Upper
240 100
120 9.4 8.3 12.5
236 25.4 21.2 31.8



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: 74.738 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109675.D

Acq: 9 Oct 2018 4:01

Instrument :

BNA_F

ClientSampleId :

100518-SIDI-F-U-S

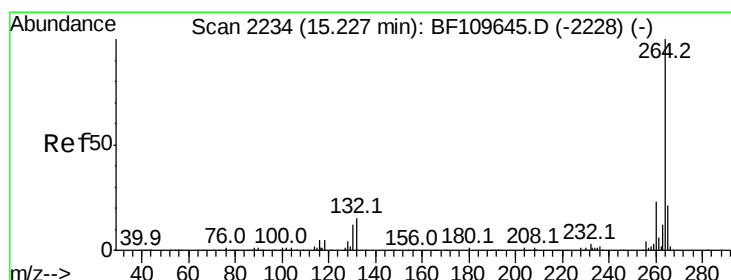
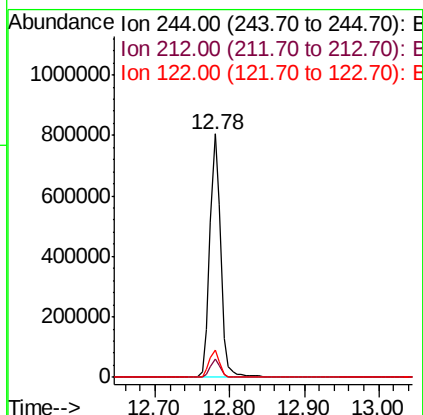
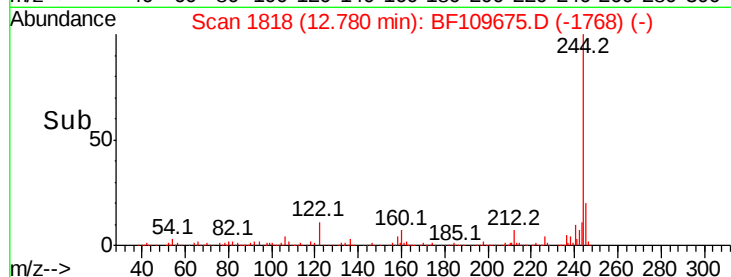
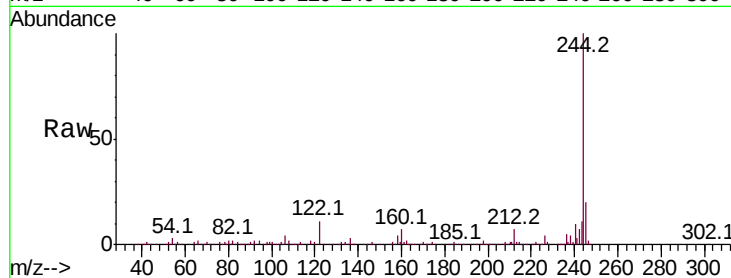
Tot Ion:244 Resp: 816043

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 11.3 8.7 13.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.22 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BF109675.D

Acq: 9 Oct 2018 4:01

Tgt Ion:264 Resp: 183718

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 22.0 16.7 25.1

