

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\
 Data File : BF109736.D
 Acq On : 10 Oct 2018 10:27
 Operator : JU/SJ
 Sample : J5299-06
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 100518-SIDI-F-D-M

Quant Time: Oct 10 11:04:01 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

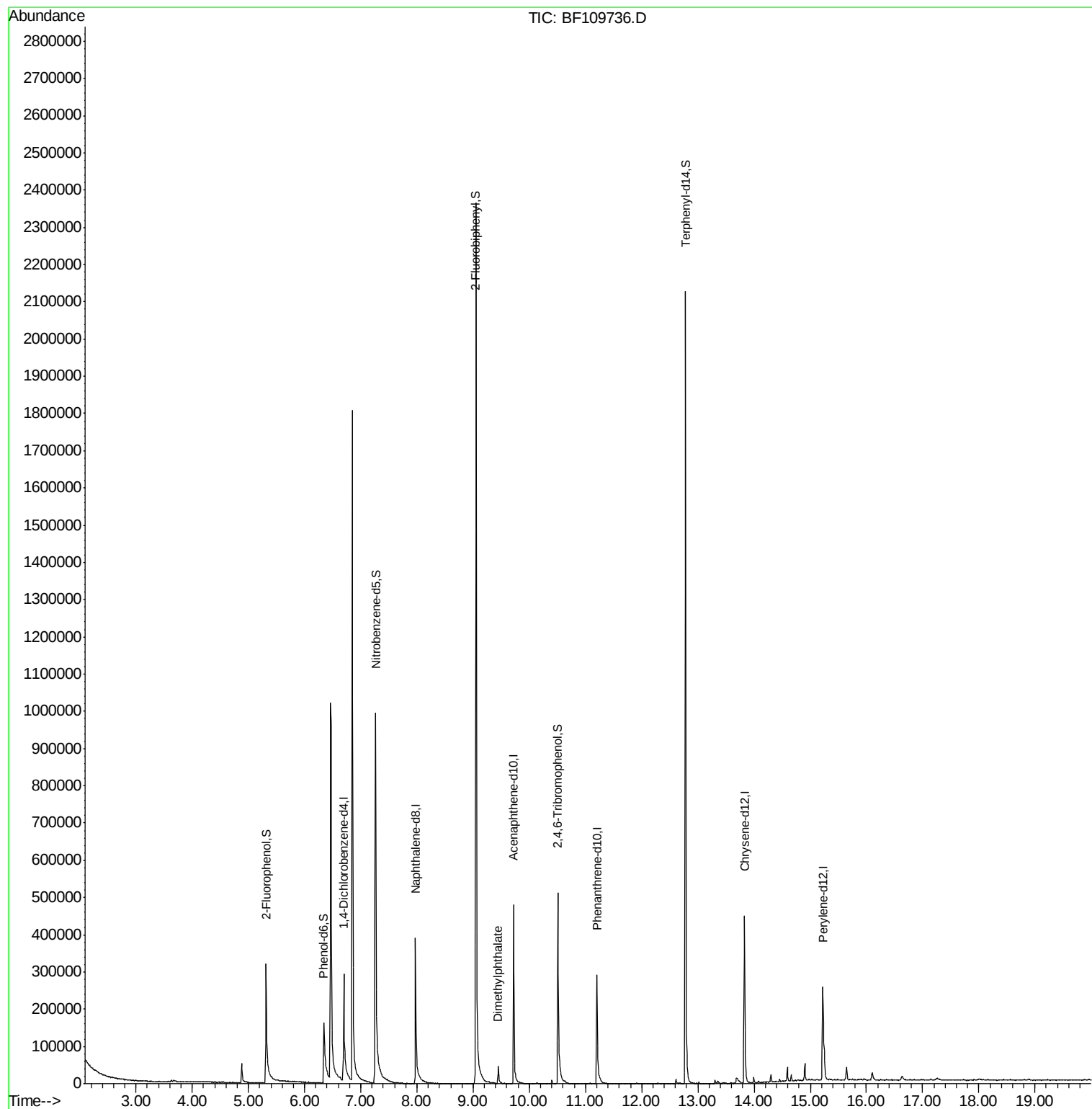
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	75698	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	295088	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	116215	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	192519	20.00	ng	0.00
75) Chrysene-d12	13.83	240	210981	20.00	ng	0.00
86) Perylene-d12	15.23	264	156432	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	172585	40.47	ng	-0.01
7) Phenol-d6	6.34	99	158201	27.77	ng	-0.02
23) Nitrobenzene-d5	7.26	82	544732	101.76	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	99114	78.27	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	903925	107.12	ng	0.00
78) Terphenyl-d14	12.78	244	804259	73.79	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.45	163	30151	3.537	ng	99

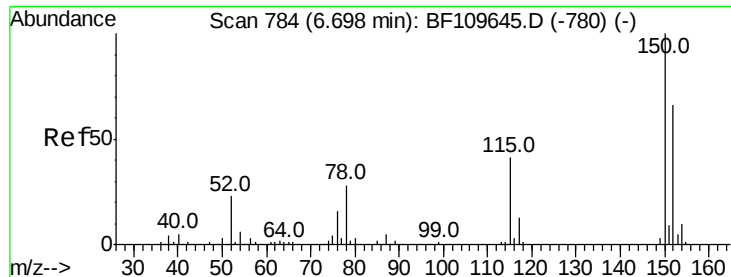
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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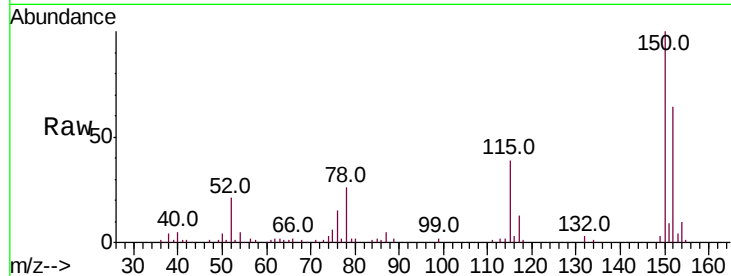


#1

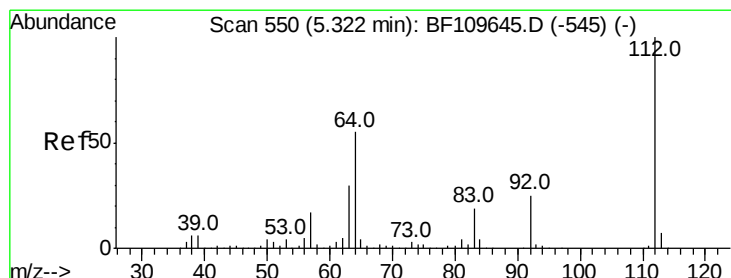
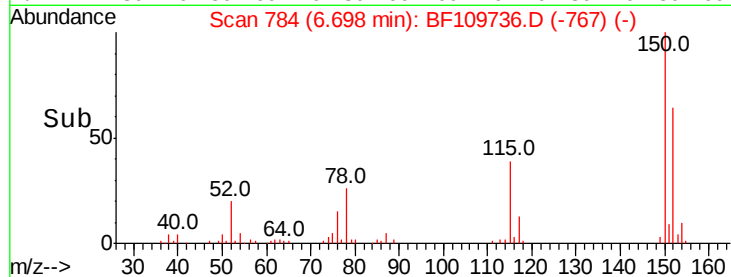
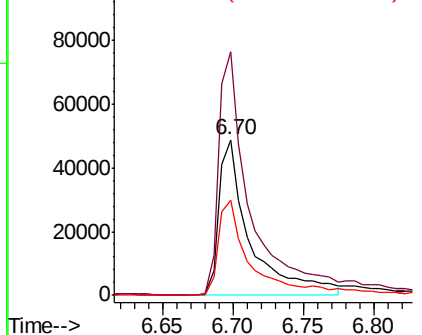
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF109736.D
 Acq: 10 Oct 2018 10:27

Instrument :
 BNA_F
 ClientSampleId :
 100518-SIDI-F-D-M

Tot Ion:152 Resp: 75698
 Ion Ratio Lower Upper
 152 100
 150 156.3 122.7 184.1
 115 60.7 49.1 73.7



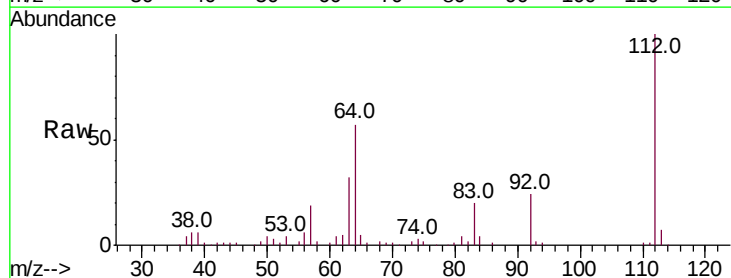
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



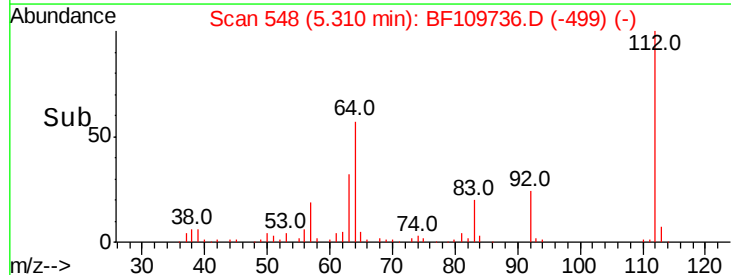
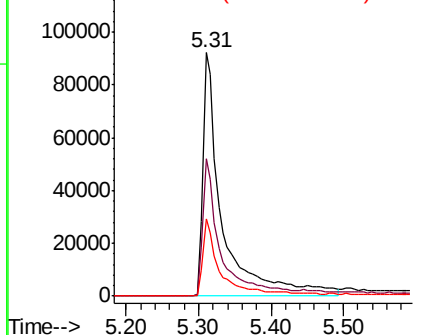
#5

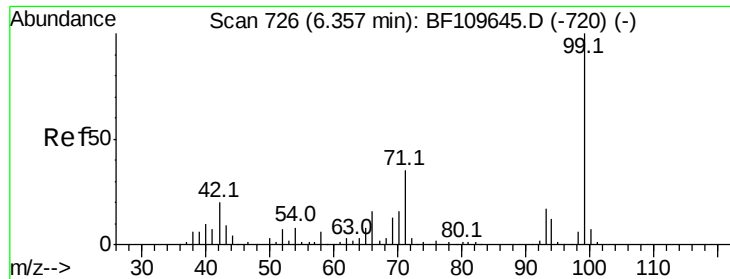
2-Fluorophenol
 Concen: 40.469 ng
 RT: 5.31 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF109736.D
 Acq: 10 Oct 2018 10:27

Tgt Ion:112 Resp: 172585
 Ion Ratio Lower Upper
 112 100
 64 56.6 44.1 66.1
 63 31.6 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: 27.769 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109736.D

Acq: 10 Oct 2018 10:27

Instrument :

BNA_F

ClientSampleId :

100518-SIDI-F-D-M

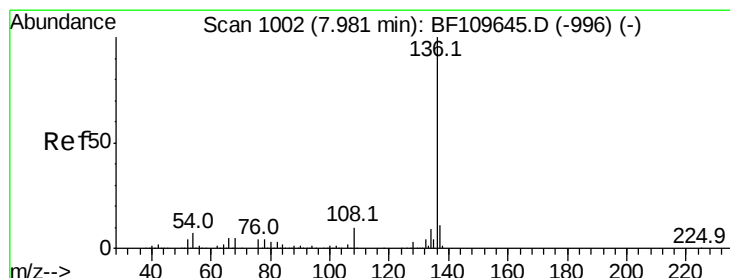
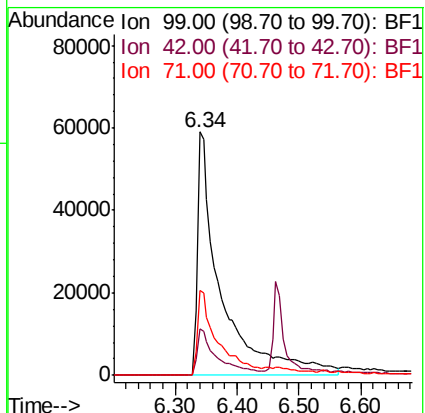
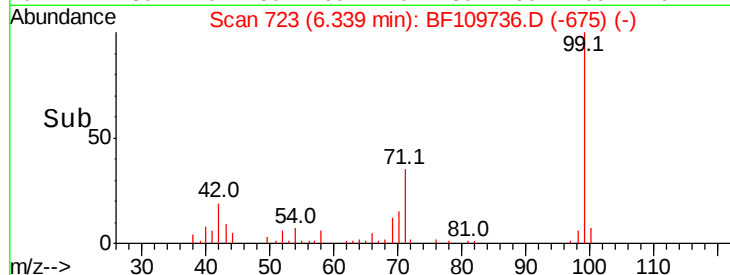
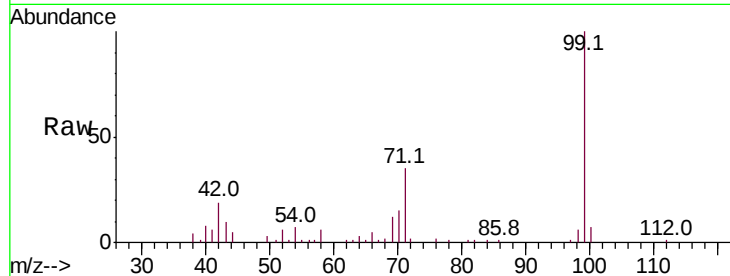
Tot Ion: 99 Resp: 158201

Ion Ratio Lower Upper

99 100

42 19.3 15.8 23.6

71 34.9 28.0 42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109736.D

Acq: 10 Oct 2018 10:27

Tgt Ion: 136 Resp: 295088

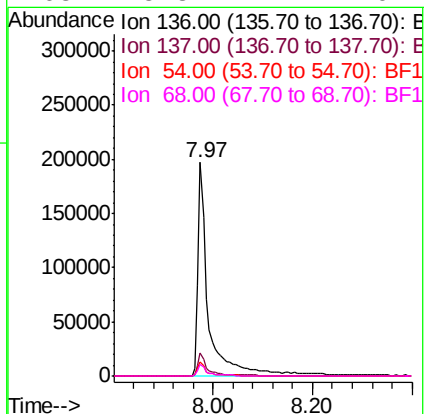
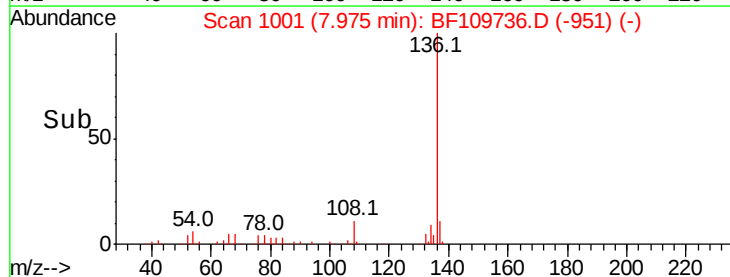
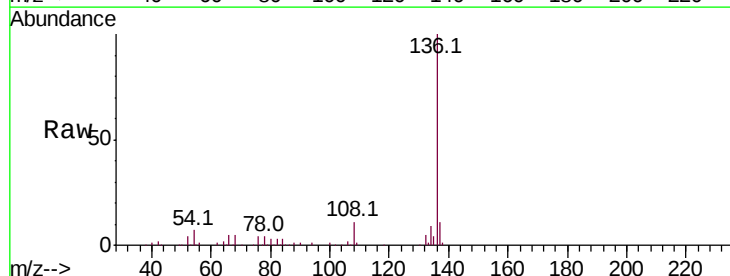
Ion Ratio Lower Upper

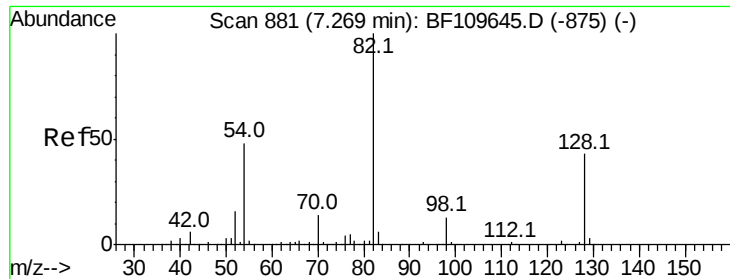
136 100

137 10.9 8.8 13.2

54 6.7 5.4 8.2

68 5.3 4.2 6.2

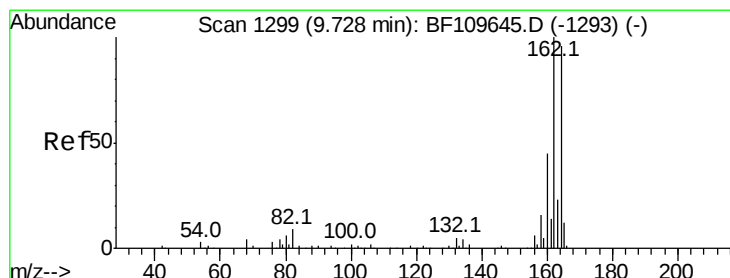
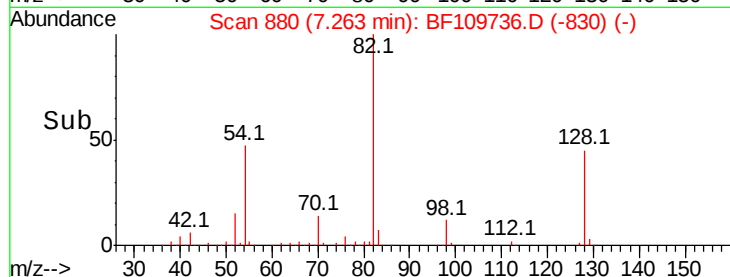
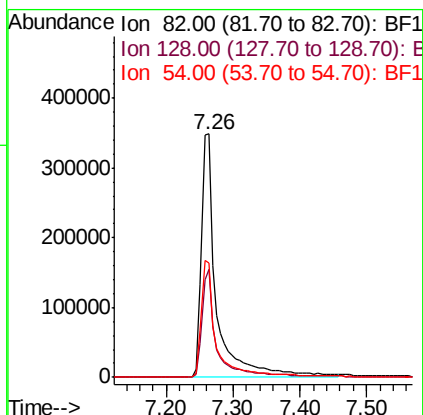
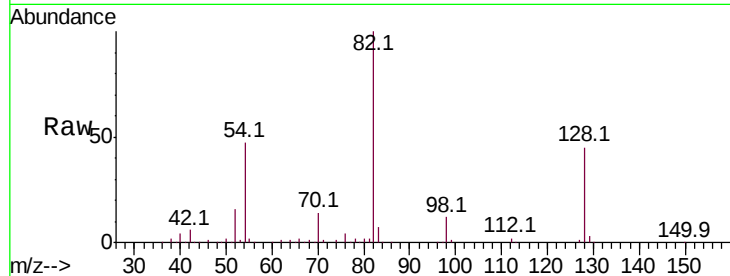




#23
 Nitrobenzene-d5
 Concen: 101.758 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF109736.D
 Acq: 10 Oct 2018 10:27

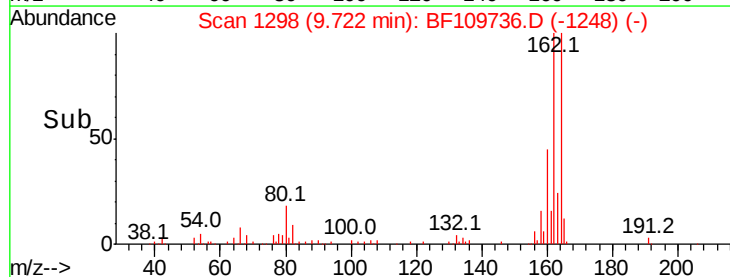
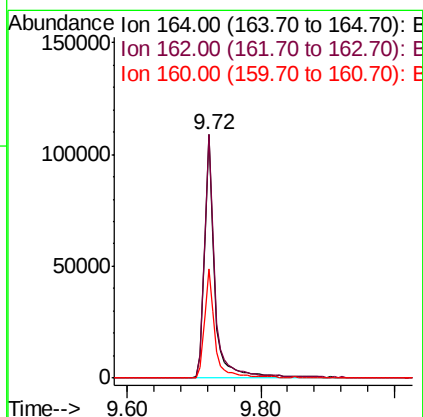
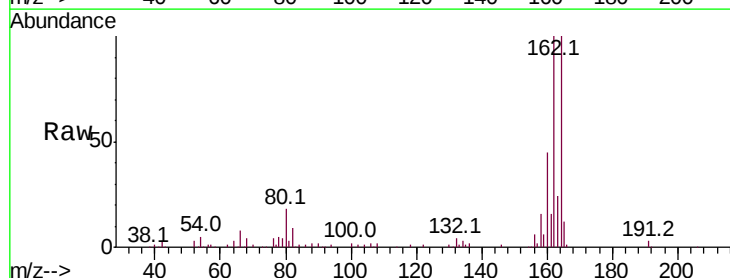
Instrument :
 BNA_F
 ClientSampleId :
 100518-SIDI-F-D-M

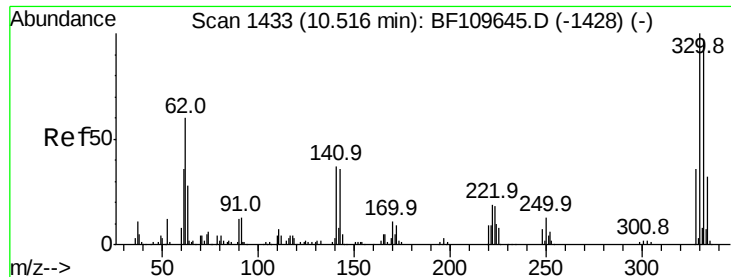
Tot Ion: 82 Resp: 544732
 Ion Ratio Lower Upper
 82 100
 128 44.6 34.2 51.2
 54 47.0 38.6 58.0



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109736.D
 Acq: 10 Oct 2018 10:27

Tgt Ion: 164 Resp: 116215
 Ion Ratio Lower Upper
 164 100
 162 100.1 83.0 124.6
 160 45.0 37.0 55.6





#41

2,4,6-Tribromophenol

Concen: 78.271 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF109736.D

Acq: 10 Oct 2018 10:27

Instrument :

BNA_F

ClientSampleId :

100518-SIDI-F-D-M

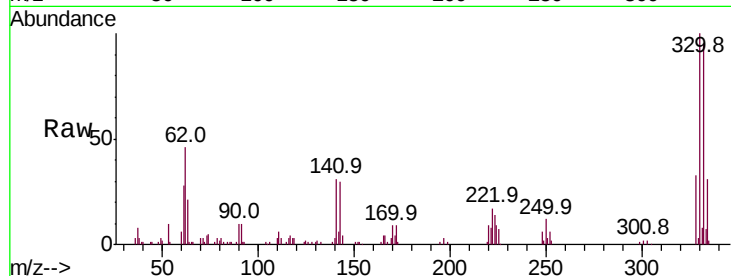
Tot Ion:330 Resp: 99114

Ion Ratio Lower Upper

330 100

332 92.4 77.1 115.7

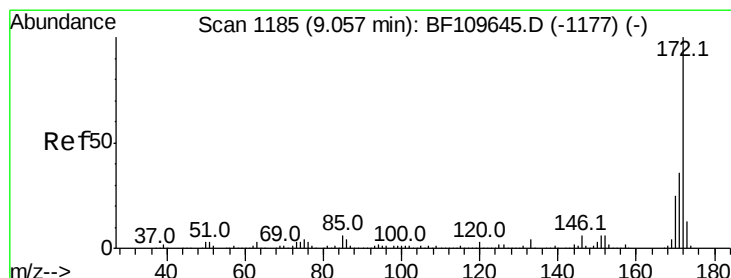
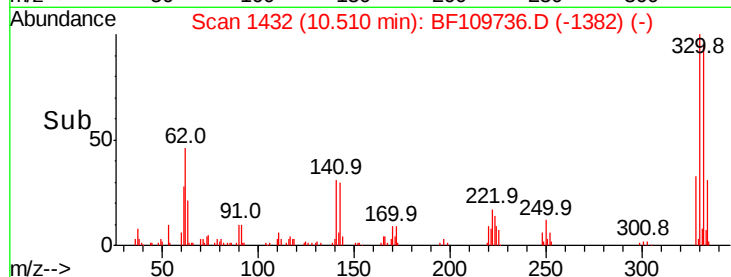
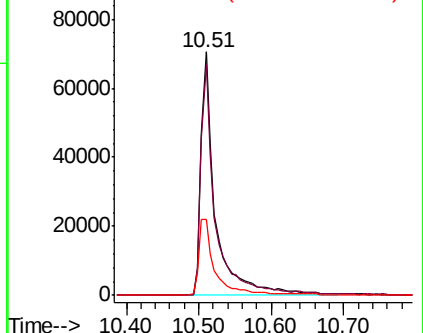
141 34.7 27.0 40.4



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: 107.123 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BF109736.D

Acq: 10 Oct 2018 10:27

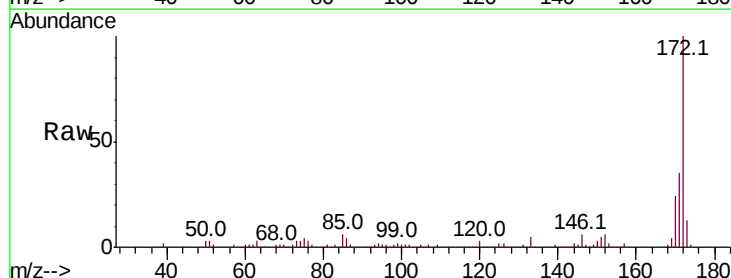
Tgt Ion:172 Resp: 903925

Ion Ratio Lower Upper

172 100

171 35.3 28.6 43.0

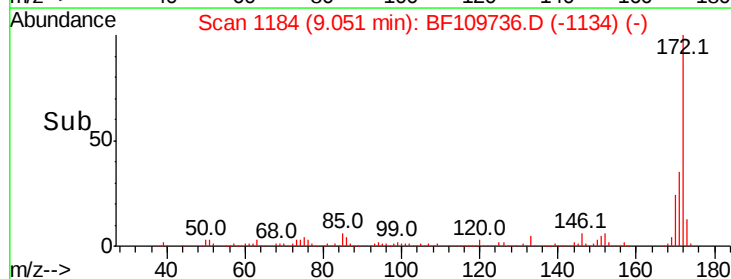
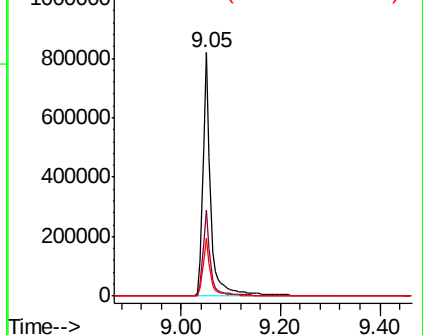
170 23.7 19.7 29.5

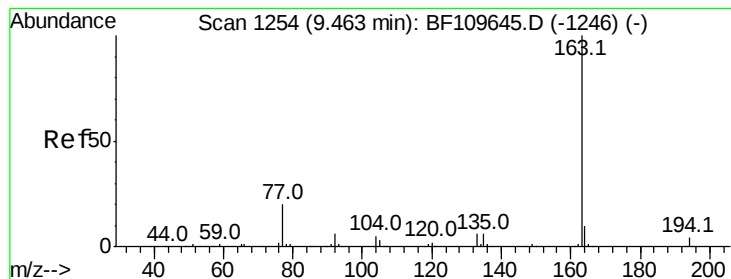


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 3.537 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.02 min

Lab File: BF109736.D

Acq: 10 Oct 2018 10:27

Instrument :

BNA_F

ClientSampleId :

100518-SIDI-F-D-M

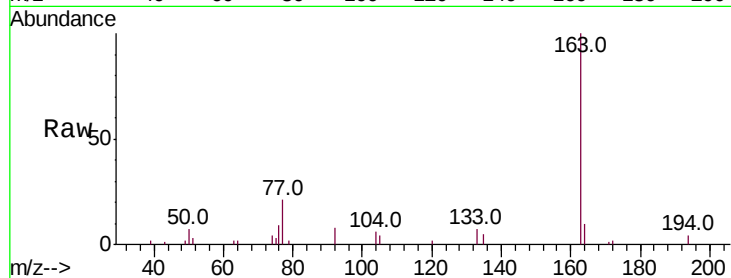
Tot Ion:163 Resp: 30151

Ion Ratio Lower Upper

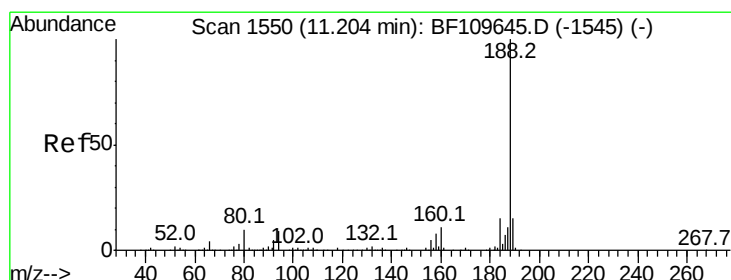
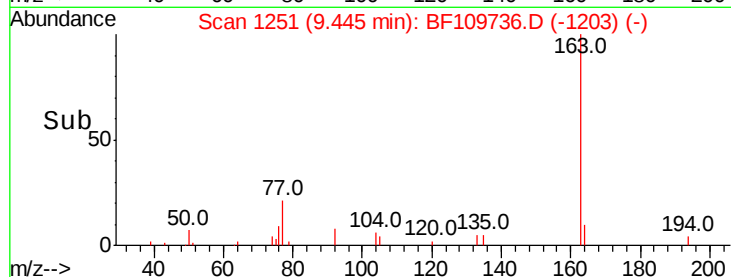
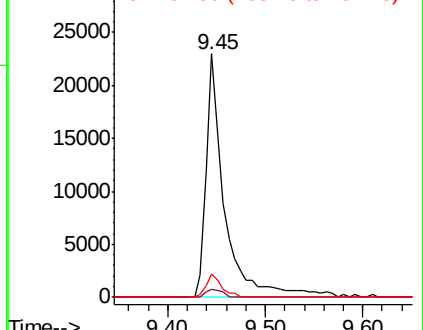
163 100

194 3.5 3.2 4.8

164 9.6 8.1 12.1



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: 11.20 min Scan# 1550

Delta R.T. -0.00 min

Lab File: BF109736.D

Acq: 10 Oct 2018 10:27

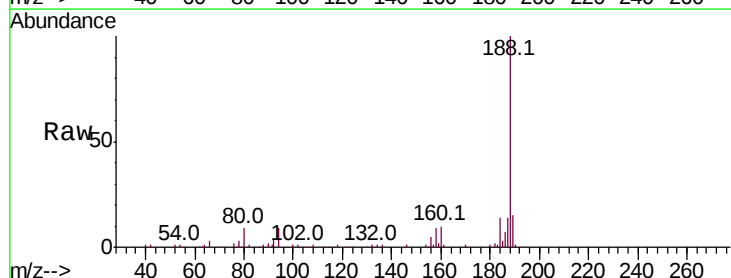
Tgt Ion:188 Resp: 192519

Ion Ratio Lower Upper

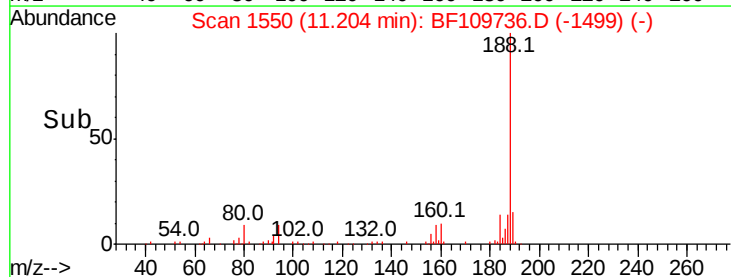
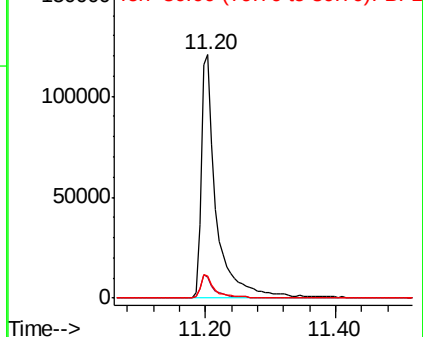
188 100

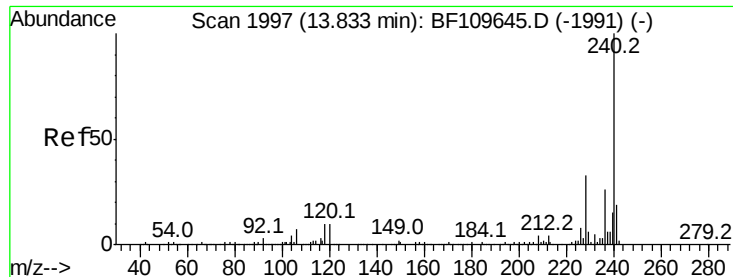
94 8.7 7.2 10.8

80 8.9 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: BF109736.D

Acq: 10 Oct 2018 10:27

Instrument :

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ClientSampleId :

100518-SIDI-F-D-M

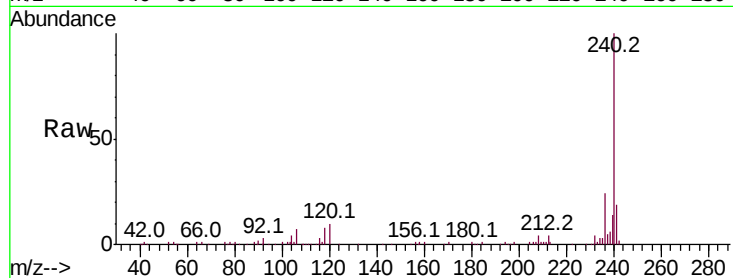
Tot Ion:240 Resp: 210981

Ion Ratio Lower Upper

240 100

120 9.9 8.3 12.5

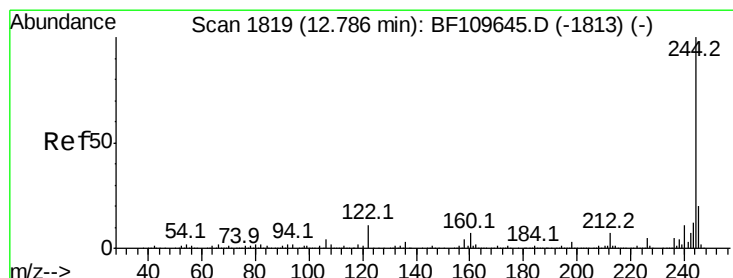
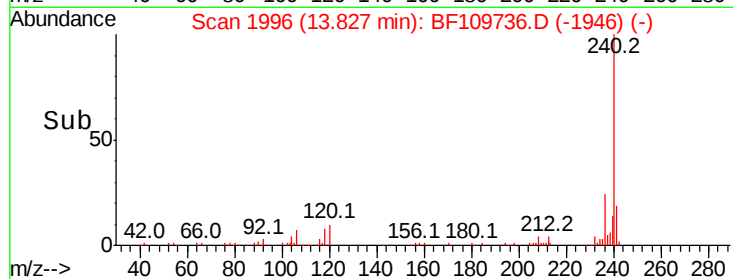
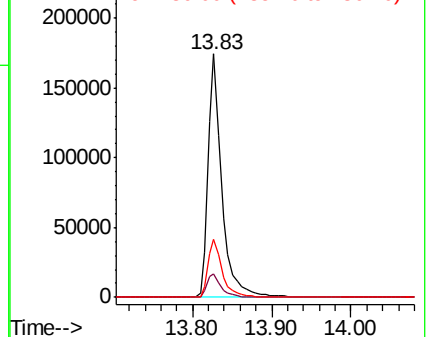
236 23.8 21.2 31.8



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: 73.794 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109736.D

Acq: 10 Oct 2018 10:27

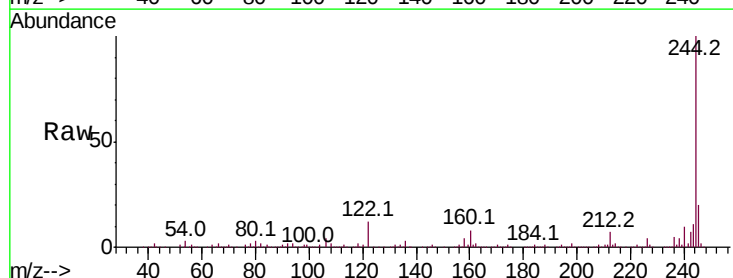
Tgt Ion:244 Resp: 804259

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

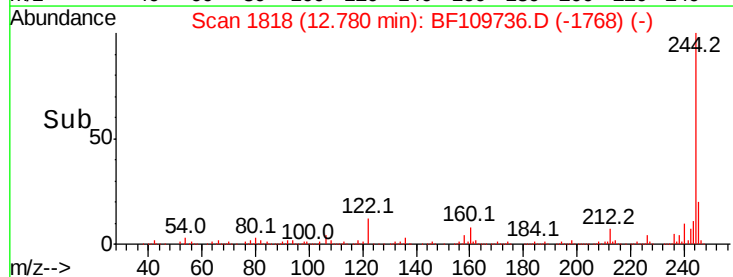
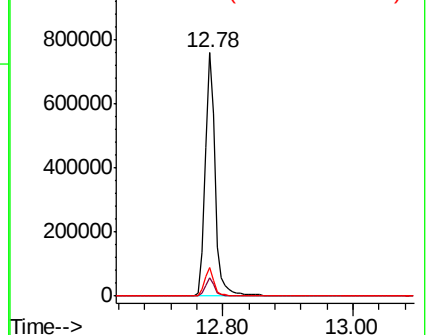
122 11.7 8.7 13.1

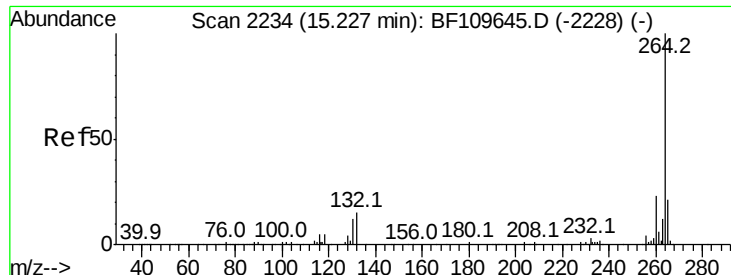


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.23 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BF109736.D
Acq: 10 Oct 2018 10:27

Instrument :
BNA_F
ClientSampleId :
100518-SIDI-F-D-M

Tot Ion:264 Resp: 156432

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	21.3	16.7	25.1

