

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
 Data File : BF109858.D
 Acq On : 13 Oct 2018 2:50
 Operator : JU/SJ
 Sample : J5444-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 101018-SIDI-F-D-B

Quant Time: Oct 13 03:57:00 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

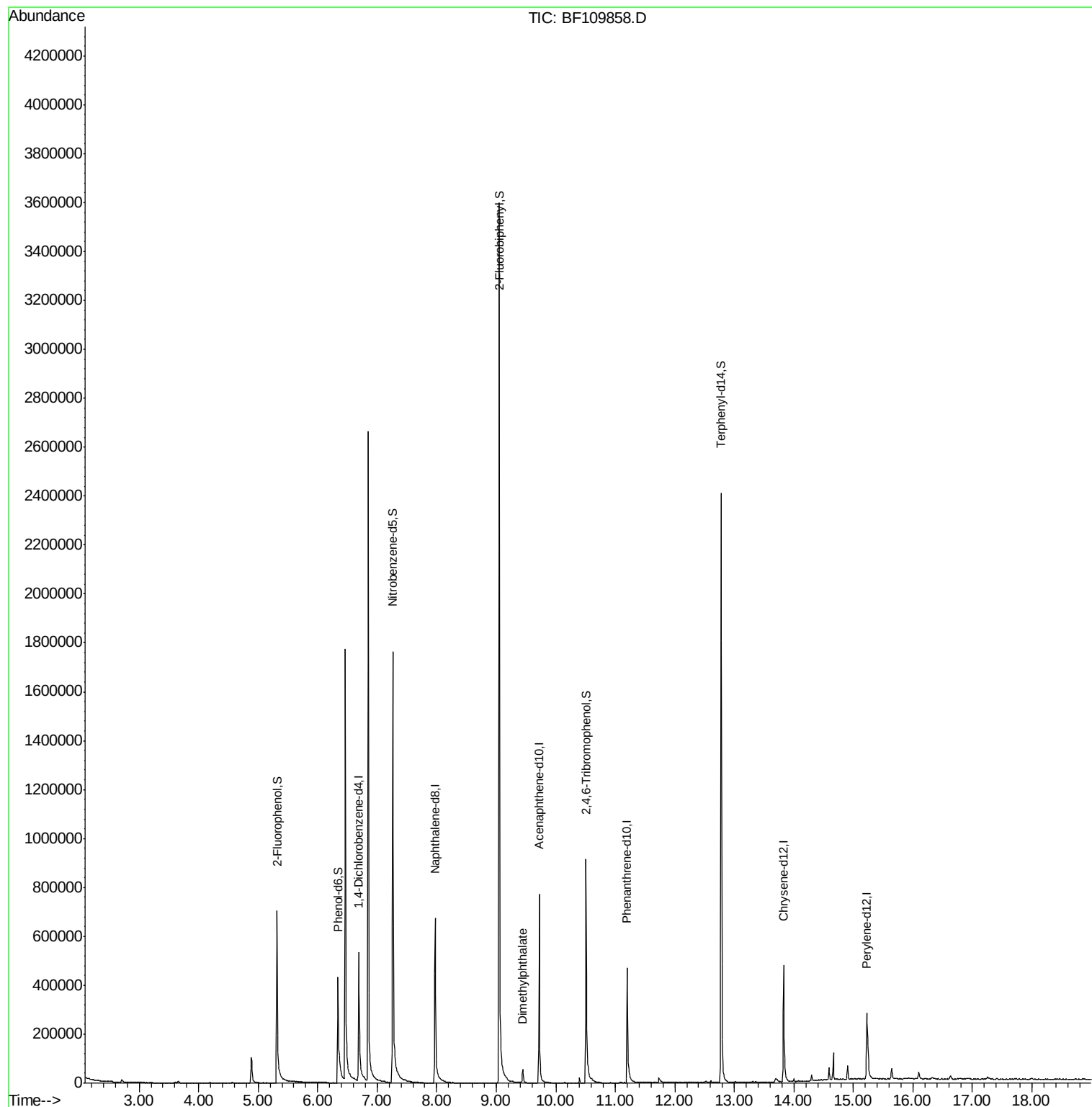
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	111657	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	442484	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	176443	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	270398	20.00	ng	0.00
75) Chrysene-d12	13.83	240	226787	20.00	ng	0.00
86) Perylene-d12	15.23	264	170027	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	285865	45.44	ng	0.00
7) Phenol-d6	6.34	99	260882	31.05	ng	-0.02
23) Nitrobenzene-d5	7.26	82	840476	104.70	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	160411	83.44	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1422789	111.06	ng	0.00
78) Terphenyl-d14	12.78	244	960167	81.96	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.45	163	34349	2.654	ng	Qvalue # 97

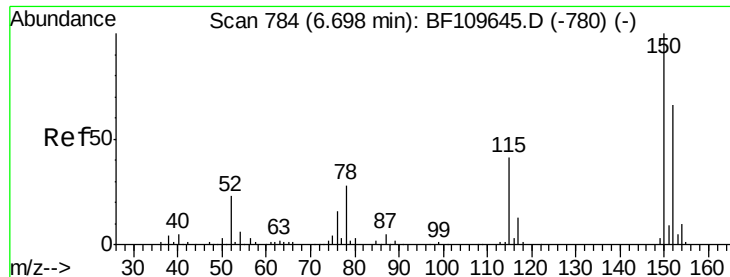
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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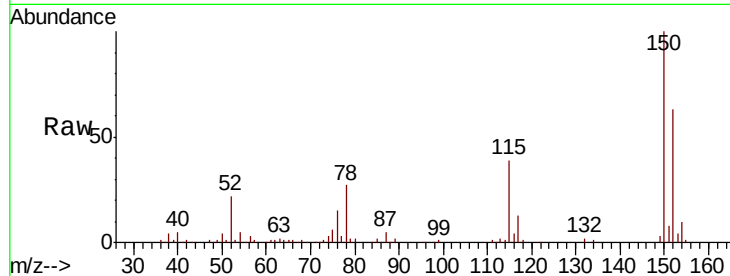


#1

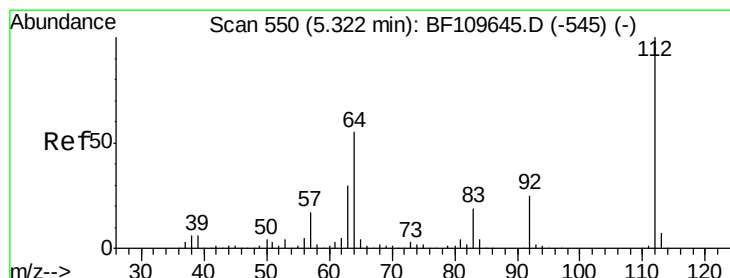
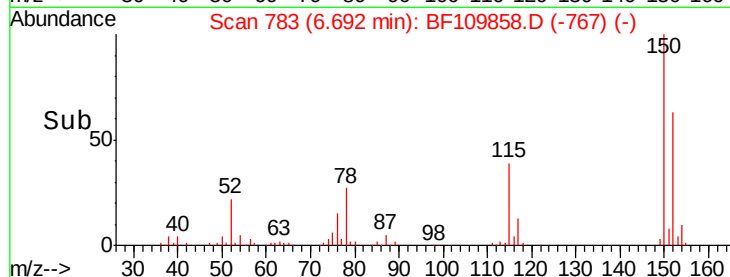
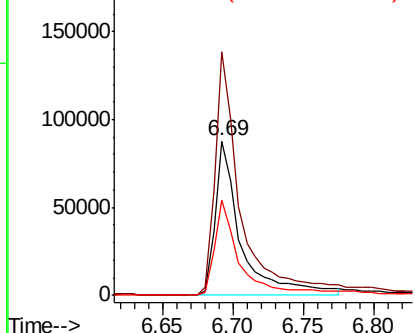
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109858.D
Acq: 13 Oct 2018 2:50

Instrument :
BNA_F
ClientSampleId :
101018-SIDI-F-D-B

Tot Ion:152 Resp: 111657
Ion Ratio Lower Upper
152 100
150 157.9 122.7 184.1
115 61.7 49.1 73.7



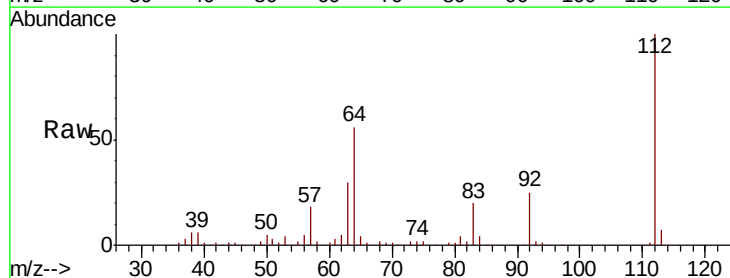
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



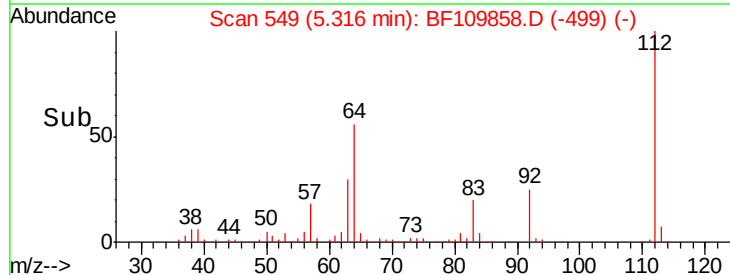
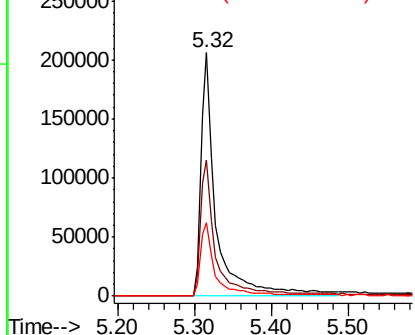
#5

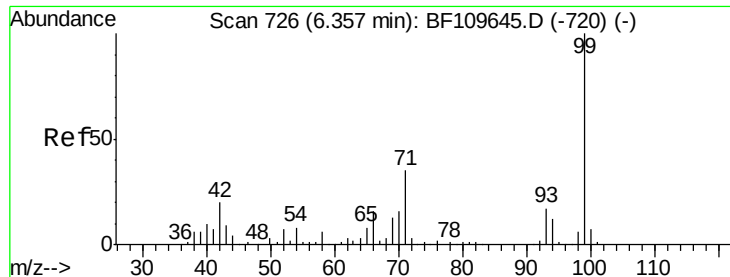
2-Fluorophenol
Concen: 45.444 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF109858.D
Acq: 13 Oct 2018 2:50

Tgt Ion:112 Resp: 285865
Ion Ratio Lower Upper
112 100
64 55.7 44.1 66.1
63 29.9 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: 31.045 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109858.D

Acq: 13 Oct 2018 2:50

Instrument :

BNA_F

ClientSampleId :

101018-SIDI-F-D-B

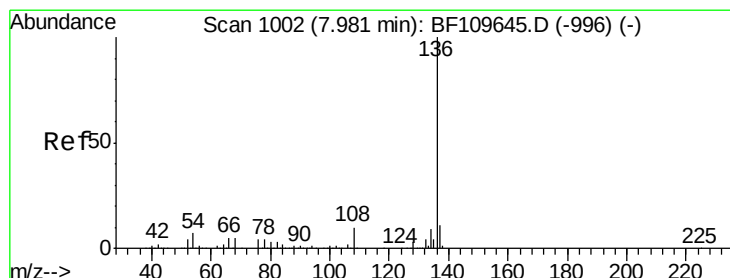
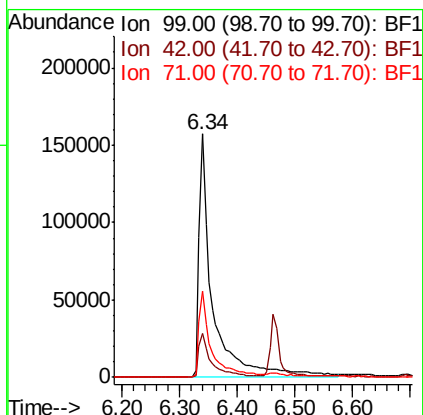
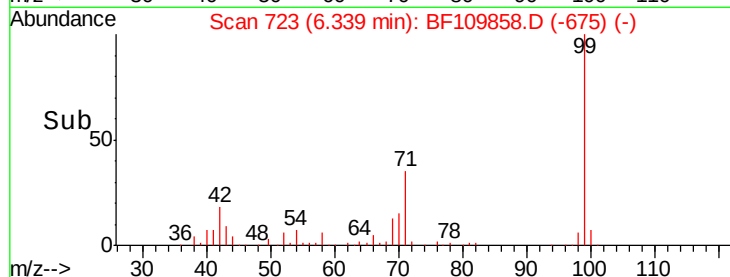
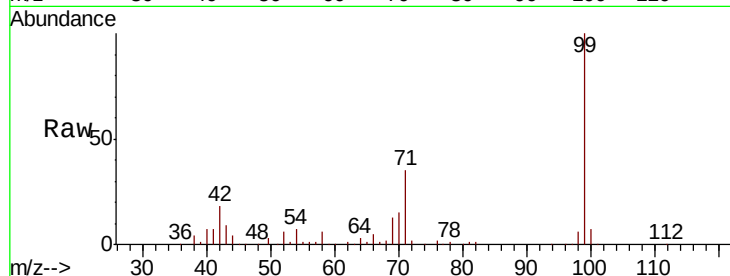
Tot Ion: 99 Resp: 260882

Ion Ratio Lower Upper

99 100

42 18.1 15.8 23.6

71 35.5 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: BF109858.D

Acq: 13 Oct 2018 2:50

Tgt Ion: 136 Resp: 442484

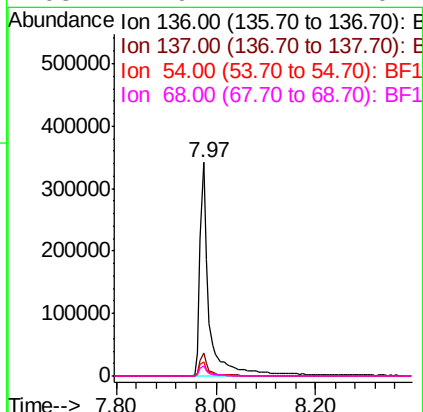
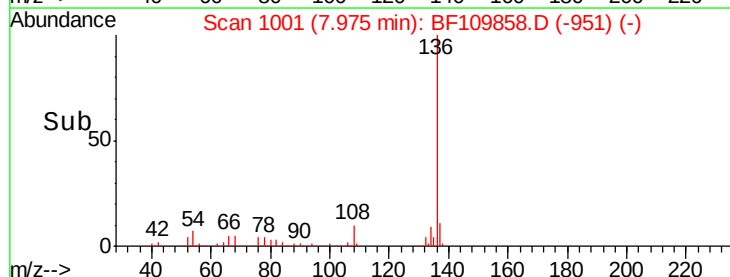
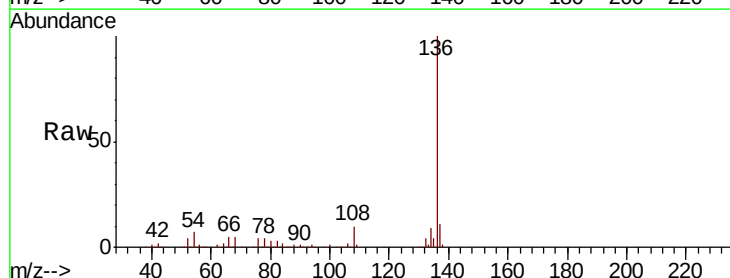
Ion Ratio Lower Upper

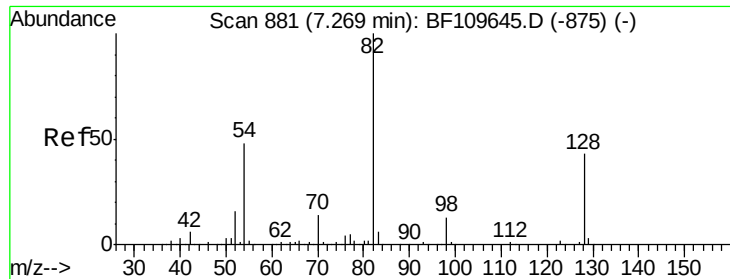
136 100

137 10.6 8.8 13.2

54 6.8 5.4 8.2

68 4.9 4.2 6.2

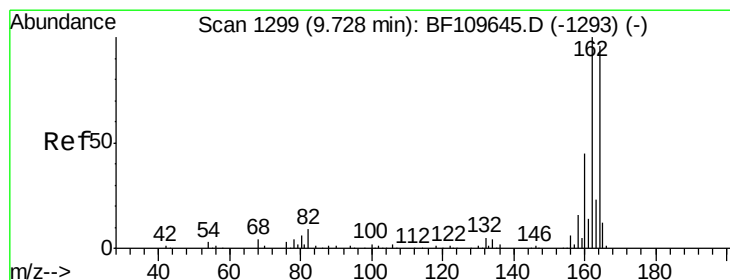
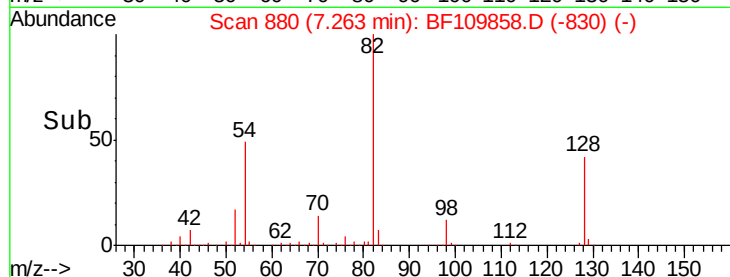
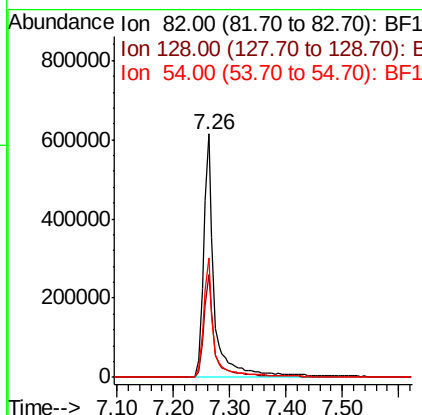
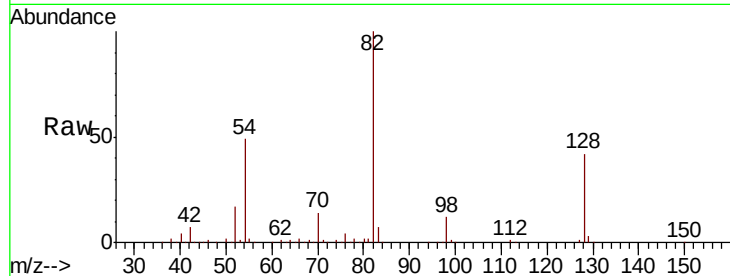




#23
 Nitrobenzene-d5
 Concen: 104.704 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF109858.D
 Acq: 13 Oct 2018 2:50

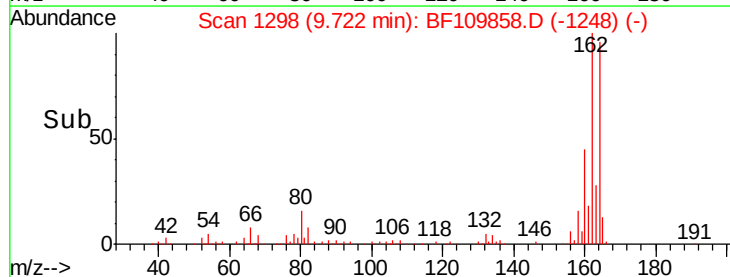
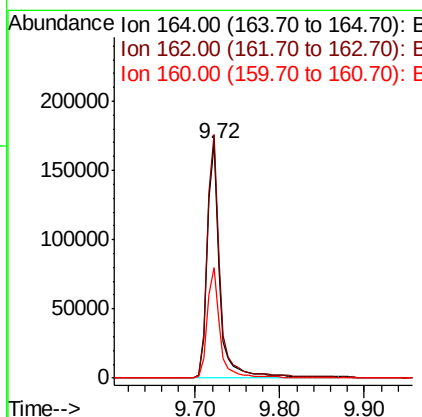
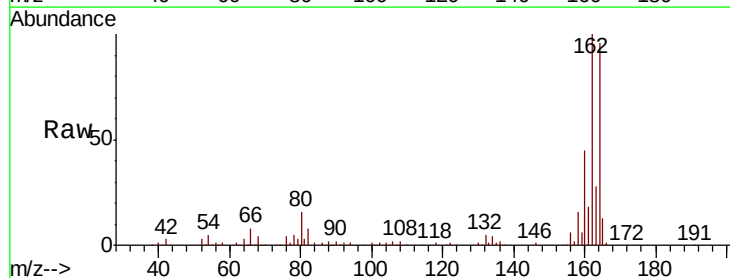
Instrument :
 BNA_F
 ClientSampleId :
 101018-SIDI-F-D-B

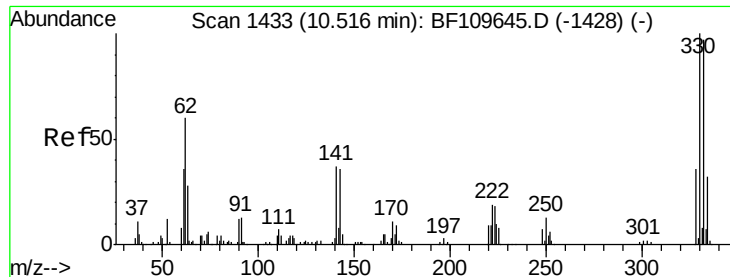
Tot Ion	82	Resp	840476
Ion Ratio	Lower	Upper	
82	100		
128	42.3	34.2	51.2
54	49.1	38.6	58.0



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109858.D
 Acq: 13 Oct 2018 2:50

Tgt Ion	164	Resp	176443
Ion Ratio	Lower	Upper	
164	100		
162	103.8	83.0	124.6
160	47.1	37.0	55.6

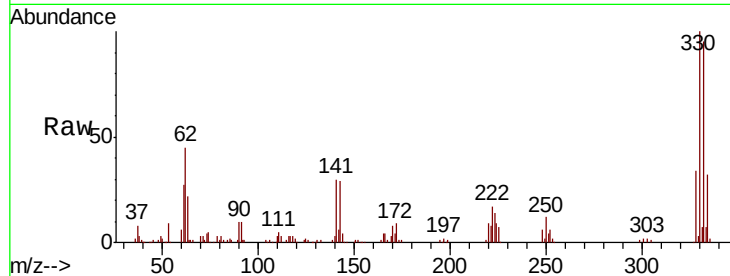




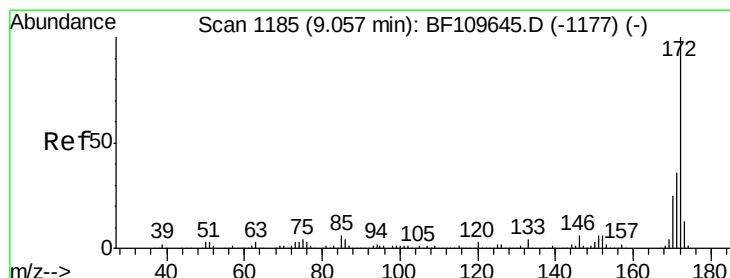
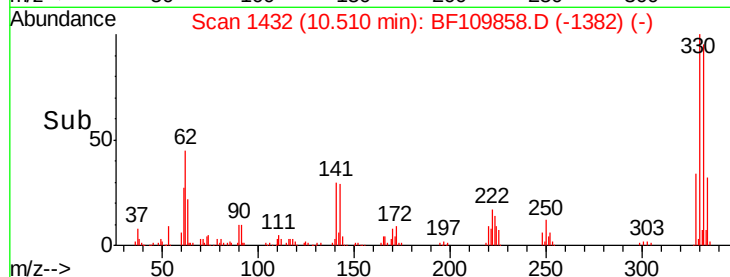
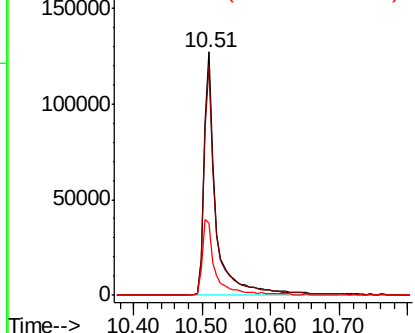
#41
 2,4,6-Tribromophenol
 Concen: 83.437 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109858.D
 Acq: 13 Oct 2018 2:50

Instrument :
 BNA_F
 ClientSampleId :
 101018-SIDI-F-D-B

Tot Ion:330 Resp: 160411
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.1 115.7
 141 34.1 27.0 40.4

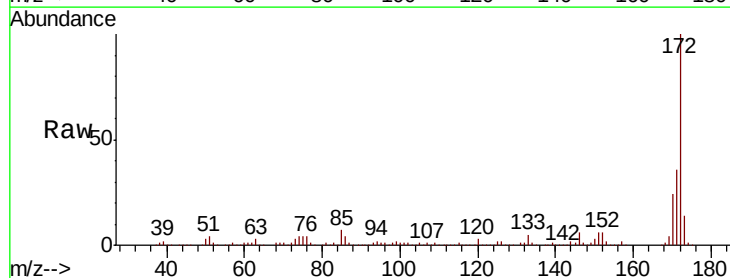


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

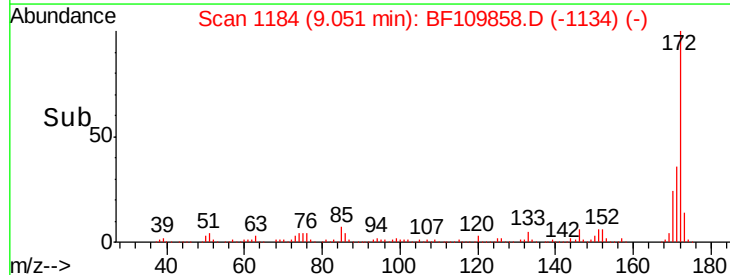
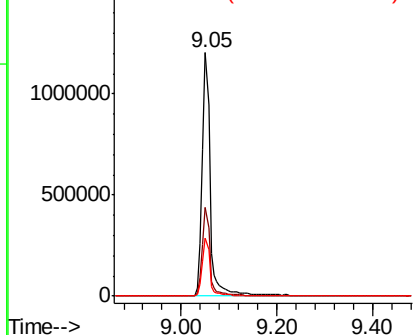


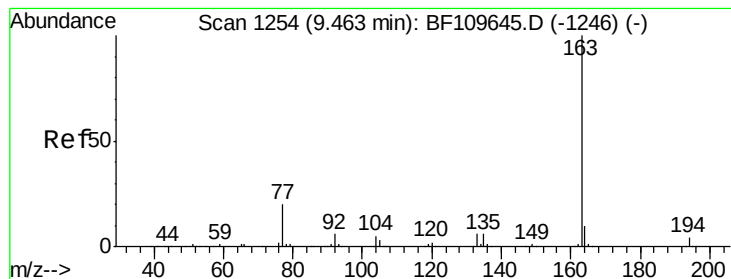
#44
 2-Fluorobiphenyl
 Concen: 111.058 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109858.D
 Acq: 13 Oct 2018 2:50

Tgt Ion:172 Resp: 1422789
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.6 43.0
 170 24.0 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: 2.654 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.02 min

Lab File: BF109858.D

Acq: 13 Oct 2018 2:50

Instrument :

BNA_F

ClientSampleId :

101018-SIDI-F-D-B

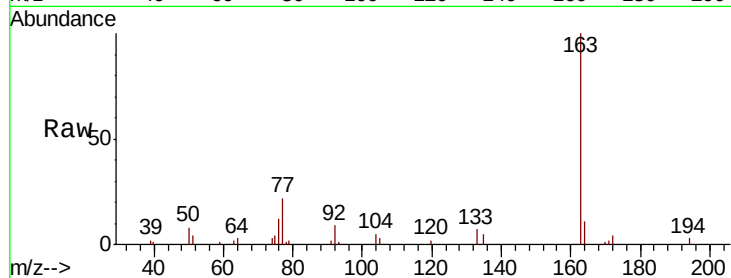
Tot Ion:163 Resp: 34349

Ion Ratio Lower Upper

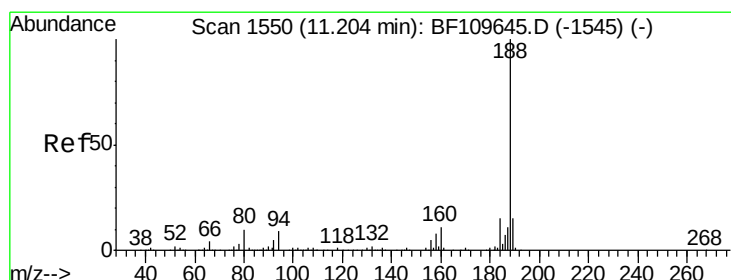
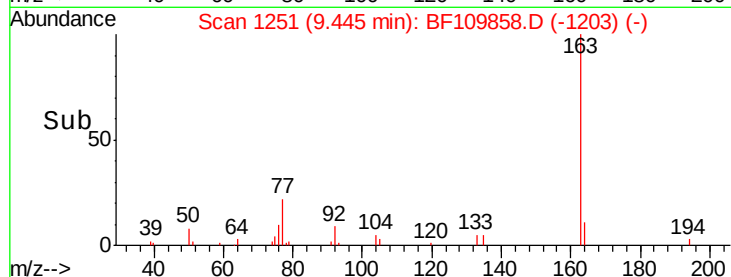
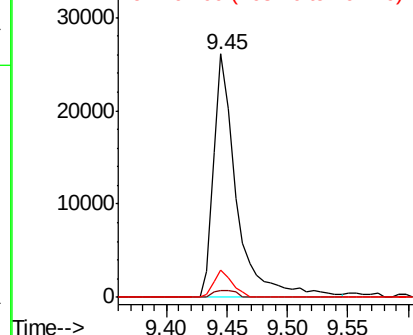
163 100

194 3.0 3.2 4.8#

164 11.3 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# 1549

Delta R.T. -0.01 min

Lab File: BF109858.D

Acq: 13 Oct 2018 2:50

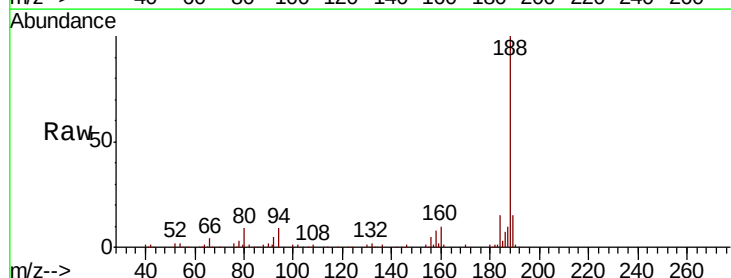
Tgt Ion:188 Resp: 270398

Ion Ratio Lower Upper

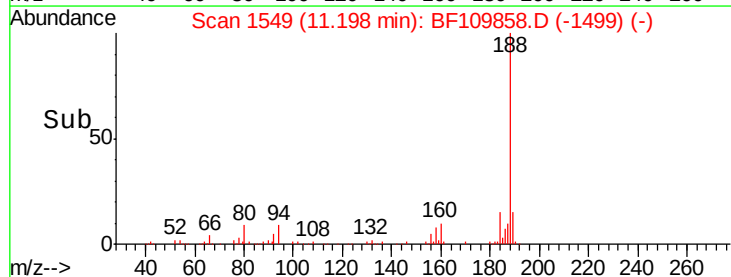
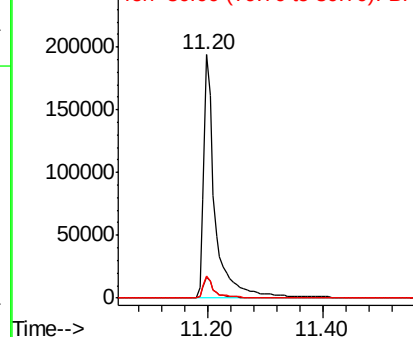
188 100

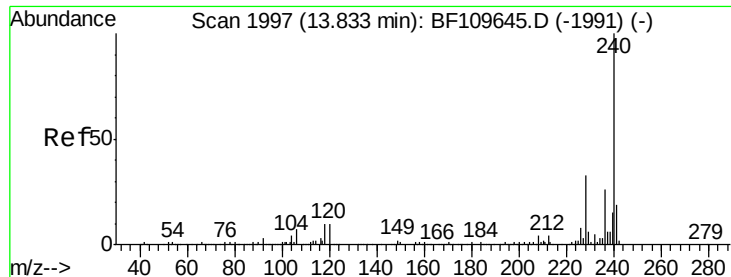
94 8.8 7.2 10.8

80 9.2 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: BF109858.D

Acq: 13 Oct 2018 2:50

Instrument :

BNA_F

ClientSampleId :

101018-SIDI-F-D-B

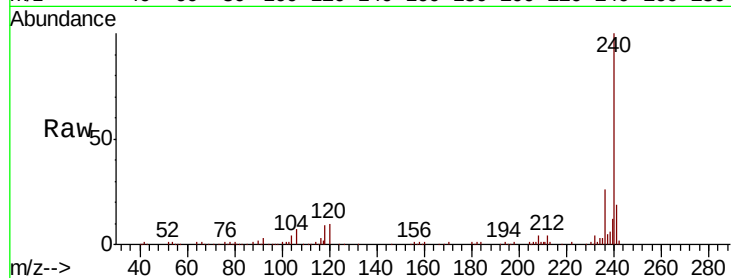
Tot Ion:240 Resp: 226787

Ion Ratio Lower Upper

240 100

120 10.5 8.3 12.5

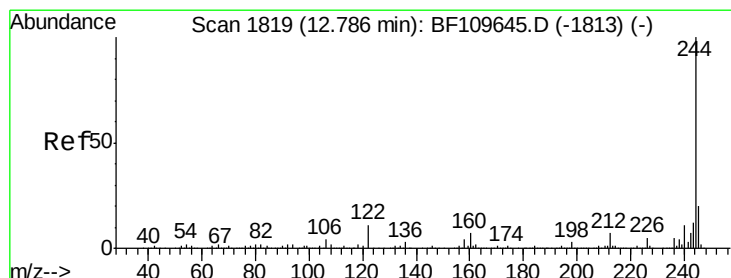
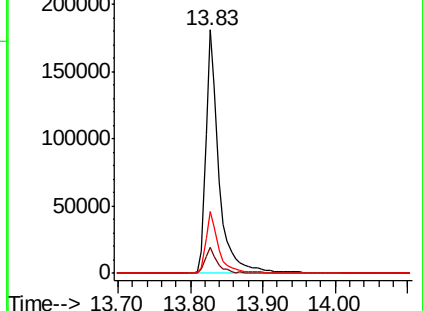
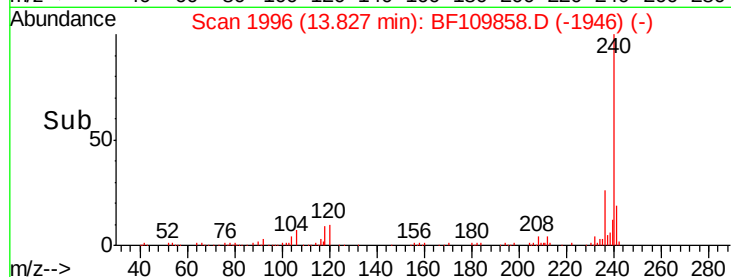
236 25.6 21.2 31.8



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: 81.959 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109858.D

Acq: 13 Oct 2018 2:50

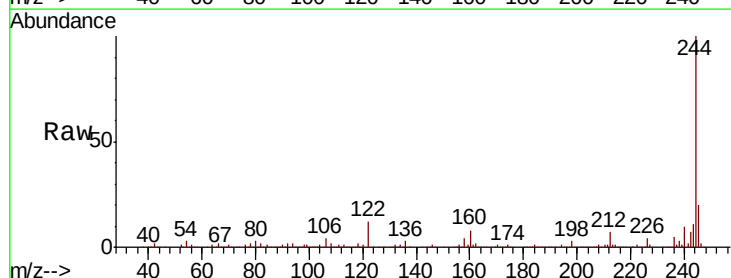
Tgt Ion:244 Resp: 960167

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

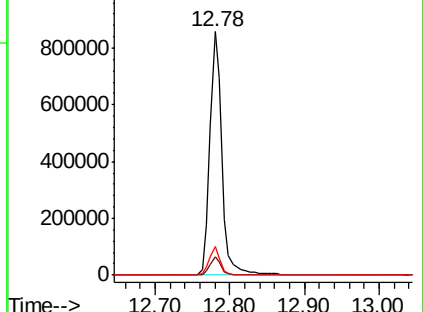
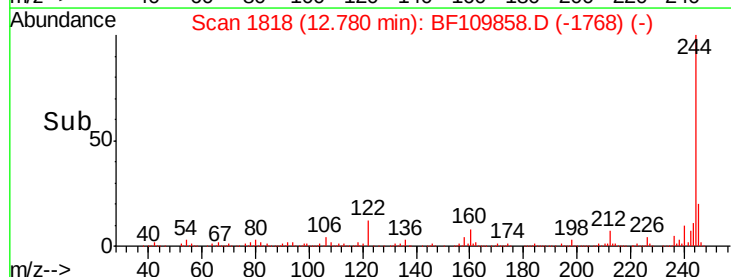
122 12.0 8.7 13.1

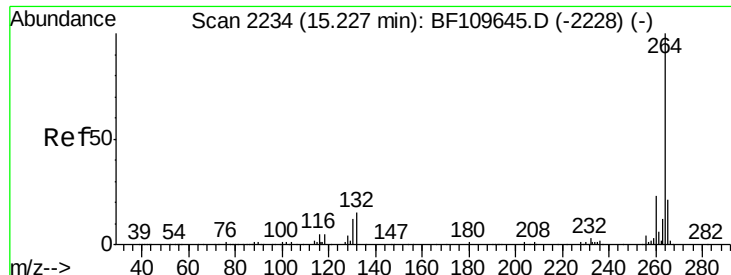


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF109858.D
Acq: 13 Oct 2018 2:50

Instrument :
BNA_F
ClientSampleId :
101018-SIDI-F-D-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	22.0	16.7	25.1

