

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
 Data File : BF109865.D
 Acq On : 13 Oct 2018 6:00
 Operator : JU/SJ
 Sample : J5444-08
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 101018-DBRI-F-D-S

Quant Time: Oct 15 01:33:32 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

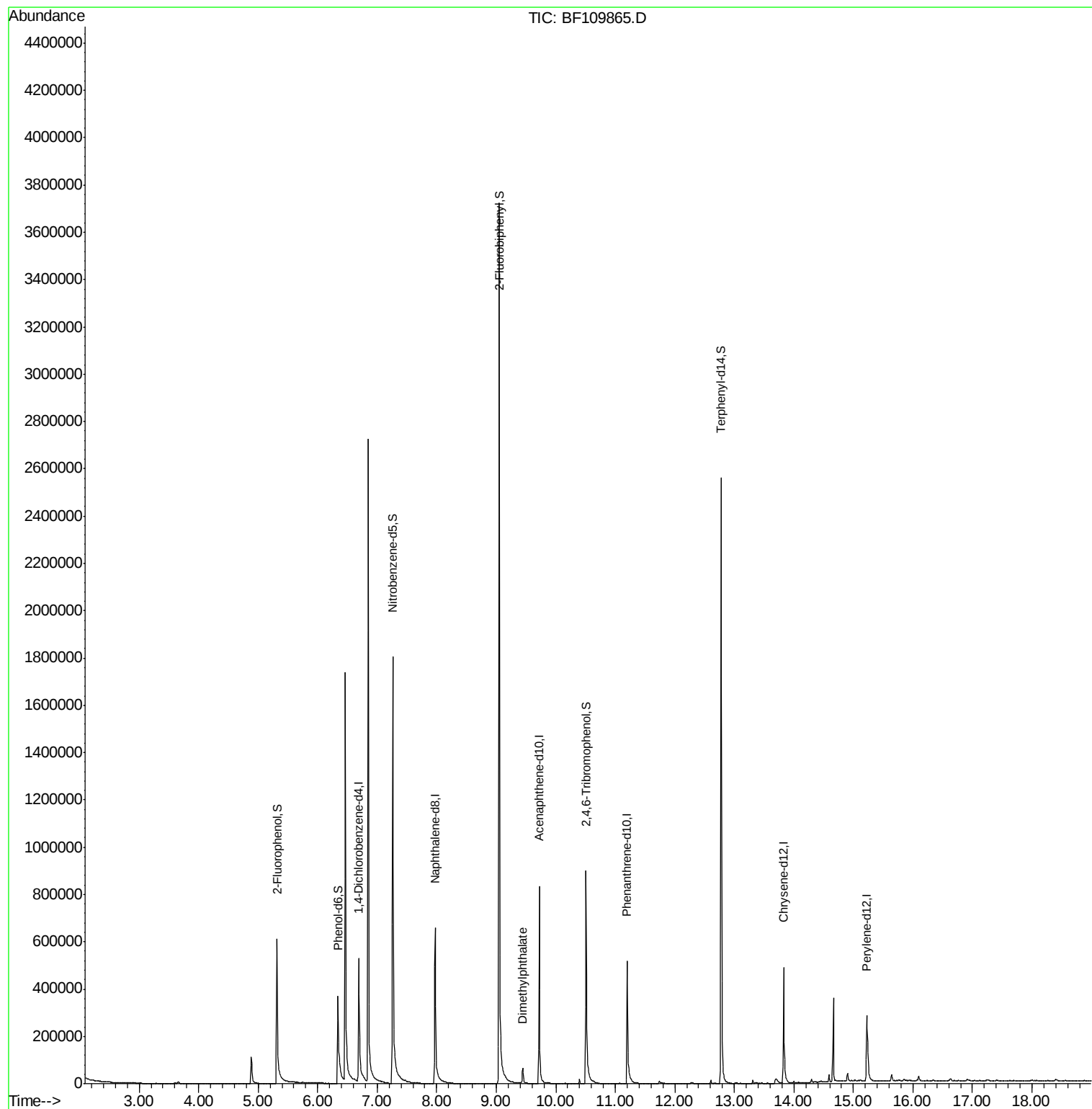
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	113571	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	451280	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	184701	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	301005	20.00	ng	0.00
75) Chrysene-d12	13.83	240	236063	20.00	ng	0.00
86) Perylene-d12	15.23	264	182970	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	263727	41.22	ng	0.00
7) Phenol-d6	6.34	99	245999	28.78	ng	-0.02
23) Nitrobenzene-d5	7.26	82	874097	106.77	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	165588	82.28	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1450705	108.17	ng	0.00
78) Terphenyl-d14	12.78	244	1001278	82.11	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.45	163	44088	3.255	ng	100

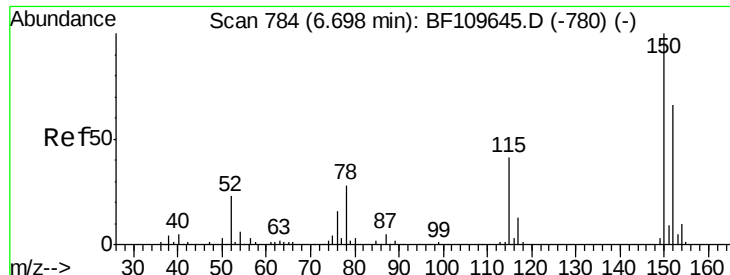
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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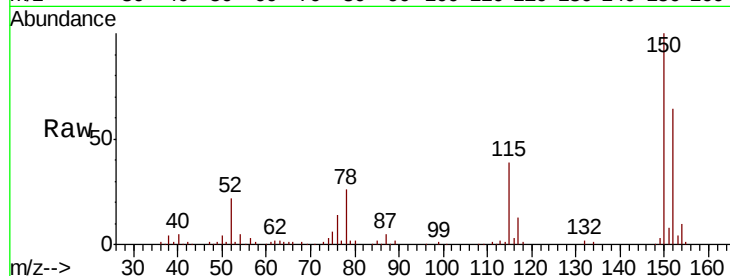


#1

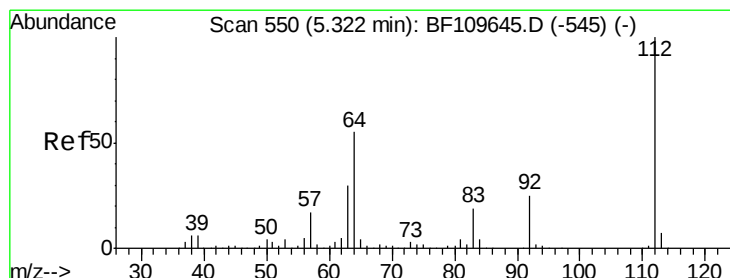
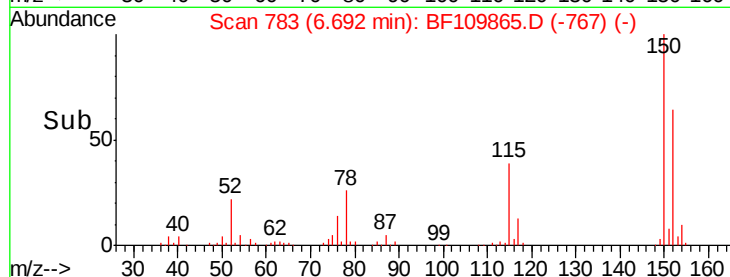
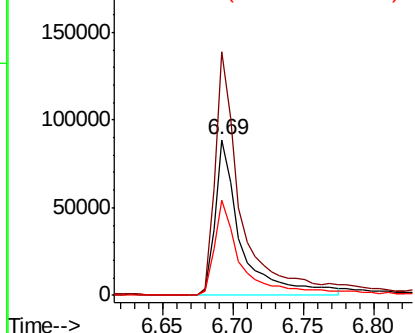
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109865.D
Acq: 13 Oct 2018 6:00

Instrument :
BNA_F
ClientSampleId :
101018-DBRI-F-D-S

Tot Ion:152 Resp: 113571
Ion Ratio Lower Upper
152 100
150 156.5 122.7 184.1
115 60.9 49.1 73.7



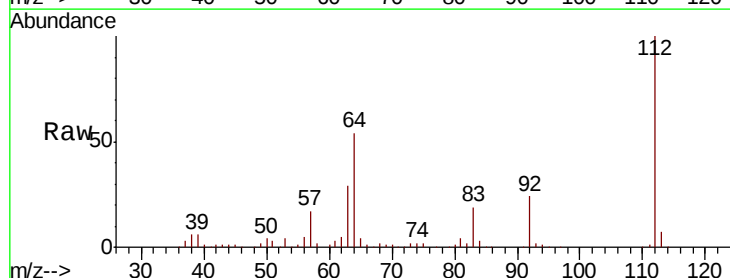
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



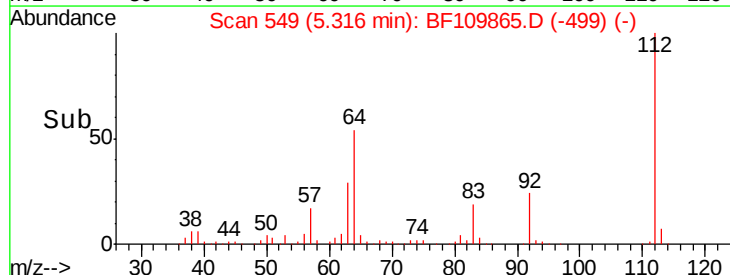
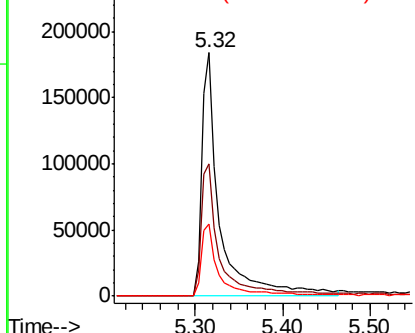
#5

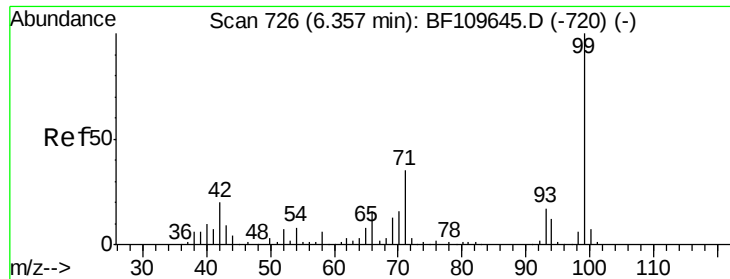
2-Fluorophenol
Concen: 41.219 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF109865.D
Acq: 13 Oct 2018 6:00

Tgt Ion:112 Resp: 263727
Ion Ratio Lower Upper
112 100
64 54.4 44.1 66.1
63 29.4 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: 28.781 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109865.D

Acq: 13 Oct 2018 6:00

Instrument :

BNA_F

ClientSampleId :

101018-DBRI-F-D-S

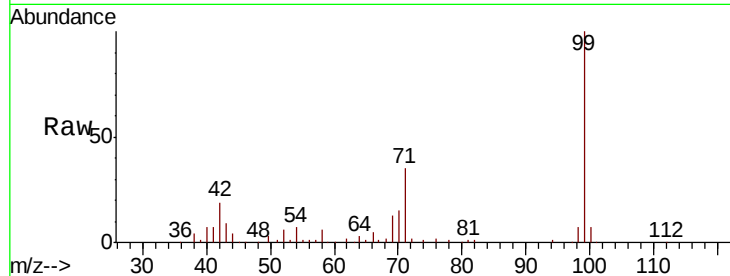
Tot Ion: 99 Resp: 245999

Ion Ratio Lower Upper

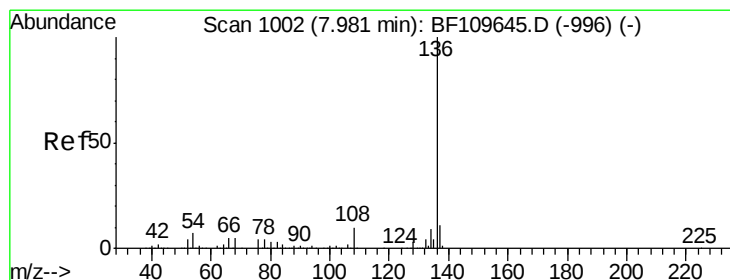
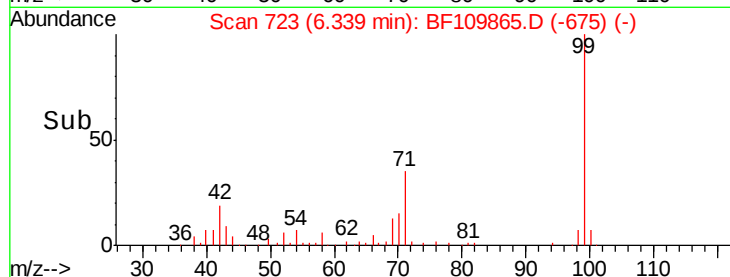
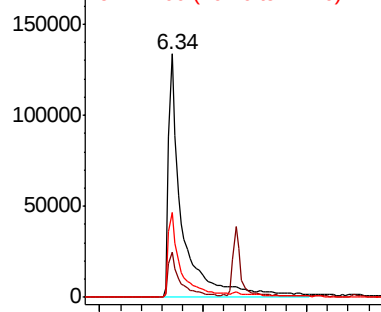
99 100

42 18.6 15.8 23.6

71 34.6 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: BF109865.D

Acq: 13 Oct 2018 6:00

Tgt Ion: 136 Resp: 451280

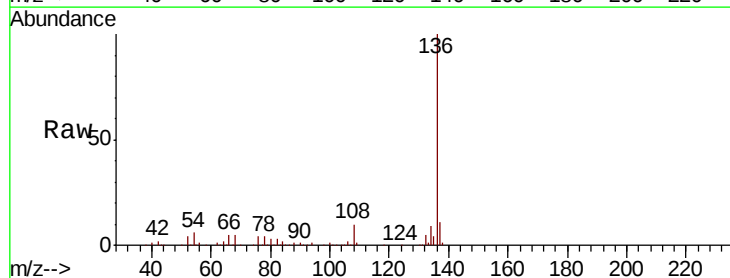
Ion Ratio Lower Upper

136 100

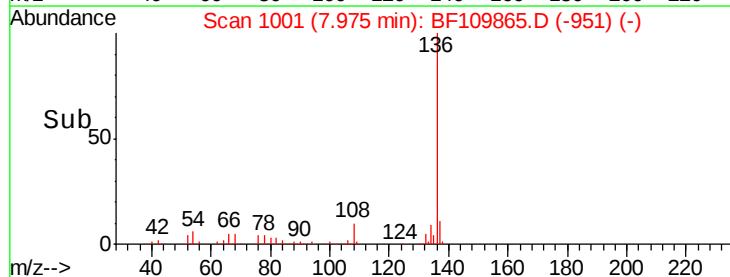
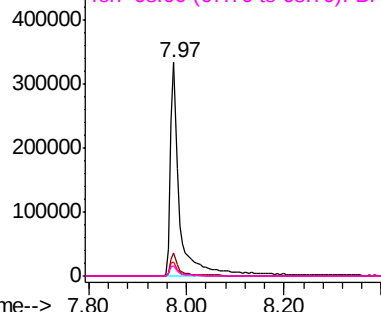
137 10.7 8.8 13.2

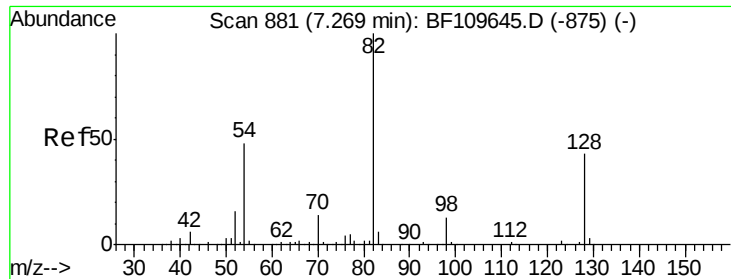
54 6.4 5.4 8.2

68 5.0 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

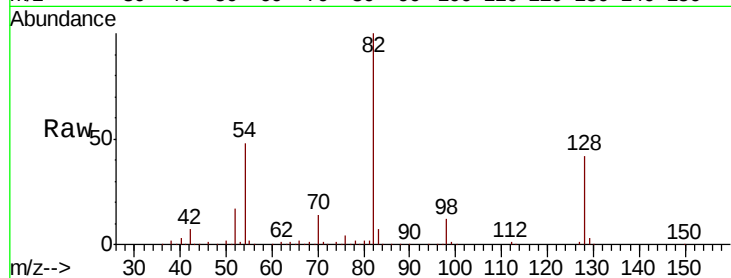




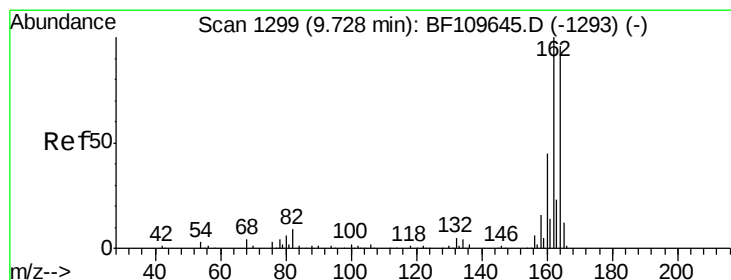
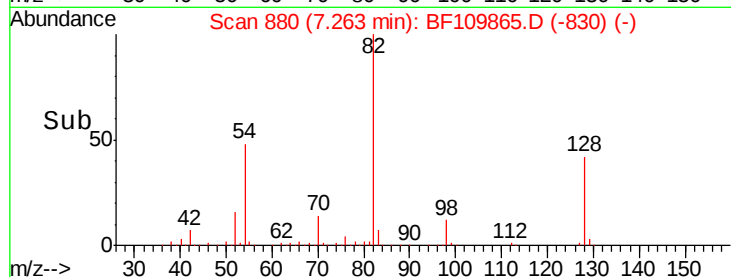
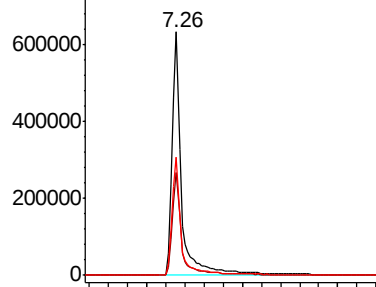
#23
 Nitrobenzene-d5
 Concen: 106.770 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF109865.D
 Acq: 13 Oct 2018 6:00

Instrument :
 BNA_F
 ClientSampleId :
 101018-DBRI-F-D-S

Tot Ion	82	Resp	874097
Ion Ratio	Lower	Upper	
82	100		
128	42.2	34.2	51.2
54	48.3	38.6	58.0

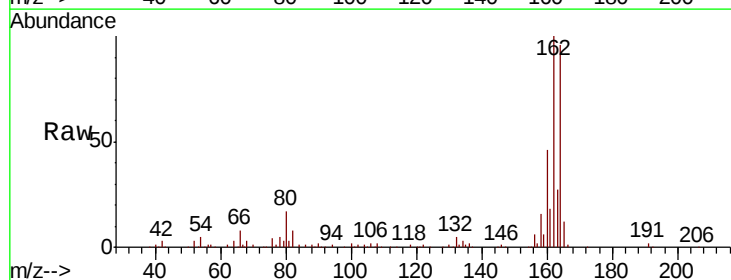


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

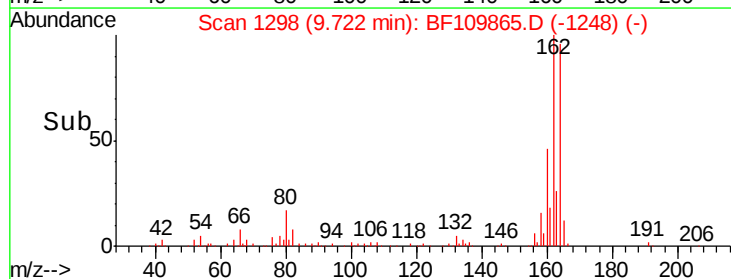
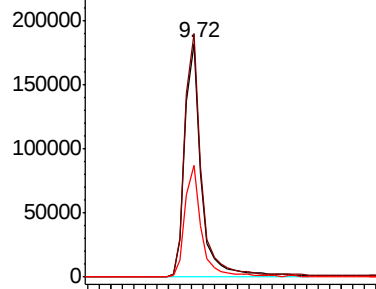


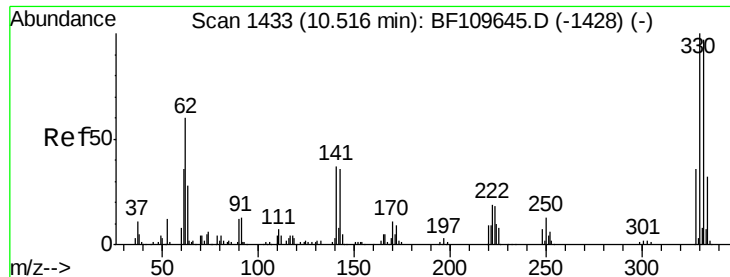
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109865.D
 Acq: 13 Oct 2018 6:00

Tgt Ion	164	Resp	184701
Ion Ratio	Lower	Upper	
164	100		
162	104.3	83.0	124.6
160	47.8	37.0	55.6



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

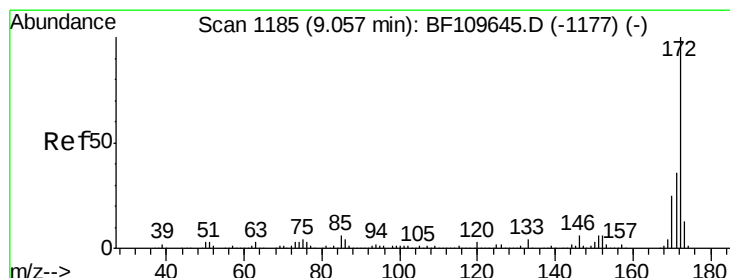
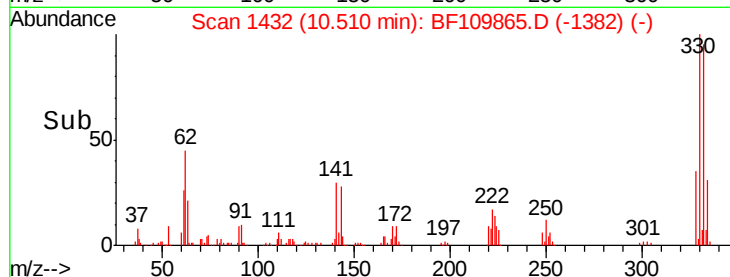
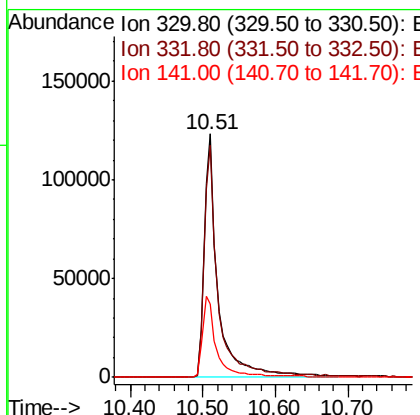
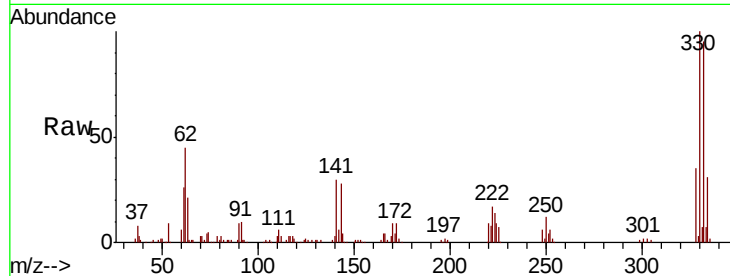




#41
 2,4,6-Tribromophenol
 Concen: 82.279 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109865.D
 Acq: 13 Oct 2018 6:00

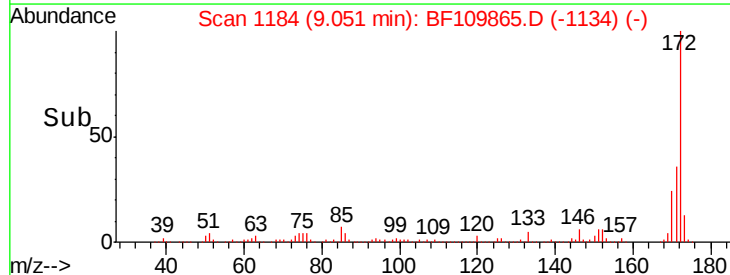
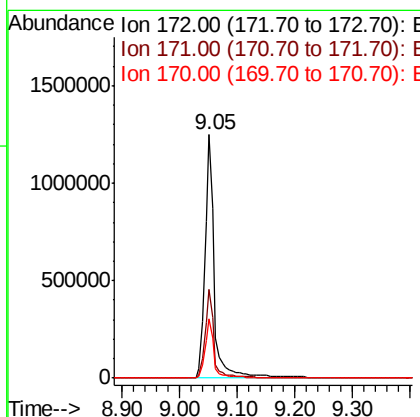
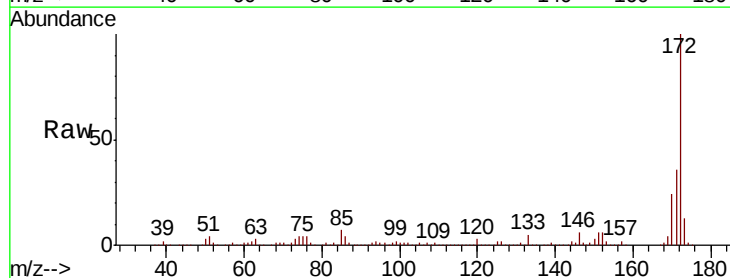
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 BNA_F
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 101018-DBRI-F-D-S

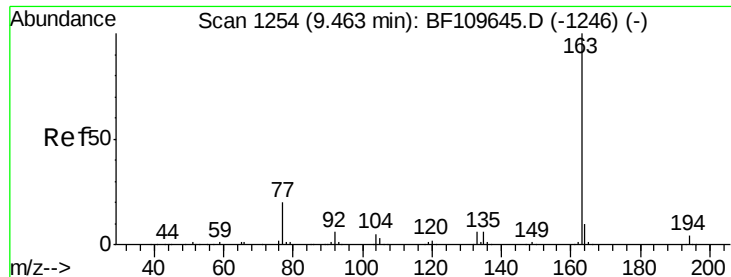
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.1	115.7
141	33.9	27.0	40.4



#44
 2-Fluorobiphenyl
 Concen: 108.174 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109865.D
 Acq: 13 Oct 2018 6:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.4	19.7	29.5

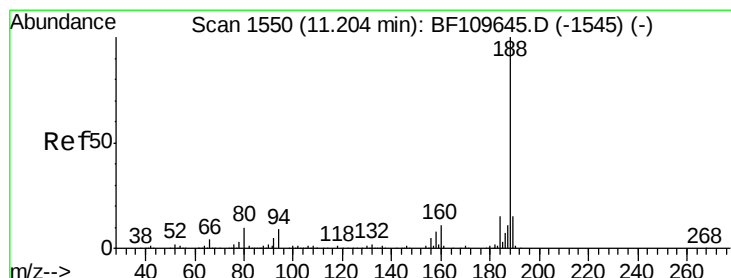
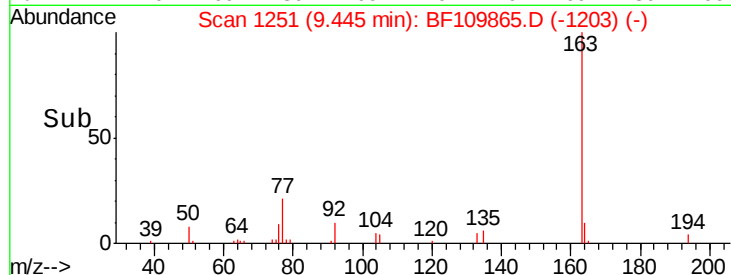
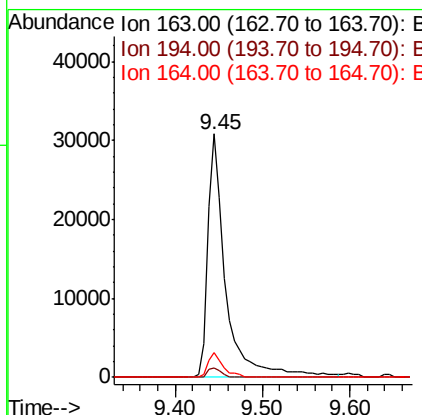
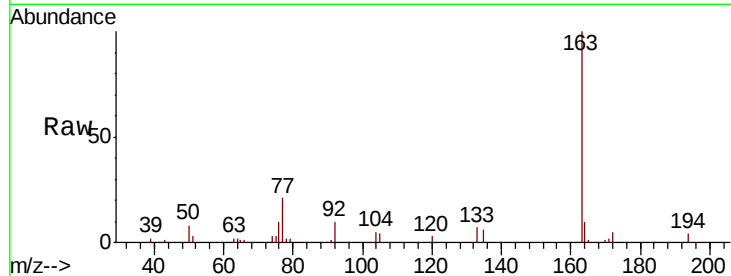




#49
Dimethylphthalate
Concen: 3.255 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109865.D
Acq: 13 Oct 2018 6:00

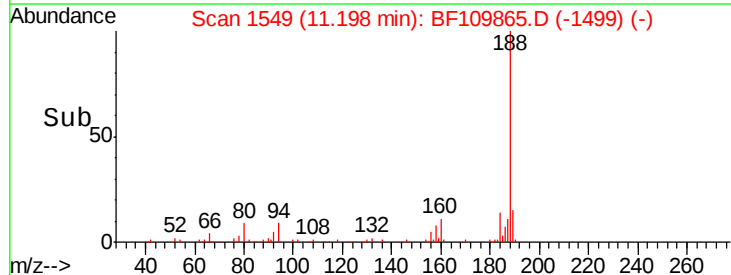
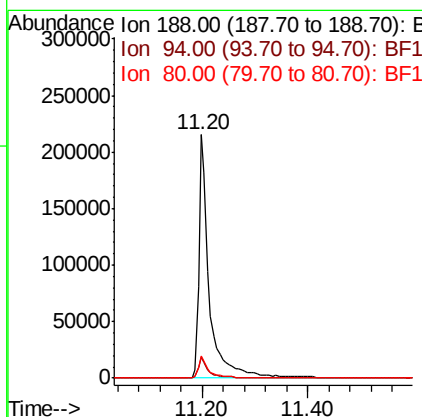
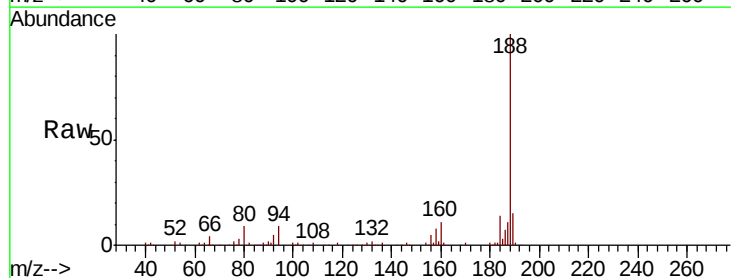
Instrument :
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101018-DBRI-F-D-S

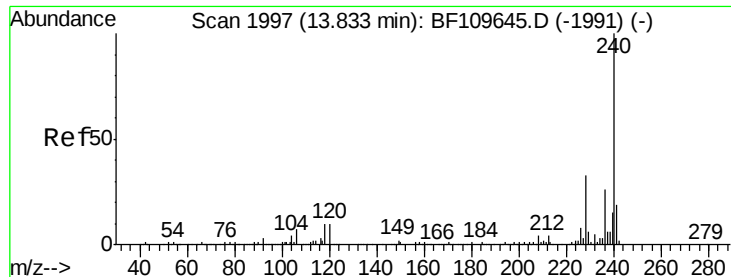
Tot Ion:163 Resp: 44088
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.0 8.1 12.1



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109865.D
Acq: 13 Oct 2018 6:00

Tgt Ion:188 Resp: 301005
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 9.3 7.9 11.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109865.D

Acq: 13 Oct 2018 6:00

Instrument :

BNA_F

ClientSampleId :

101018-DBRI-F-D-S

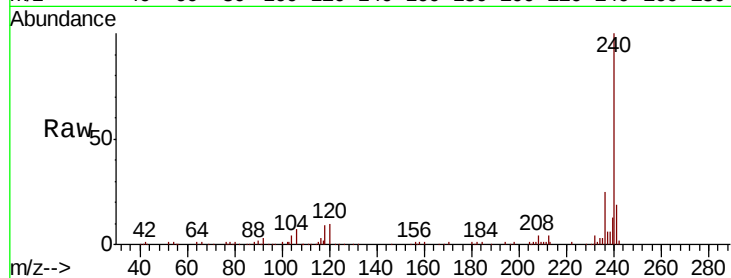
Tot Ion:240 Resp: 236063

Ion Ratio Lower Upper

240 100

120 10.0 8.3 12.5

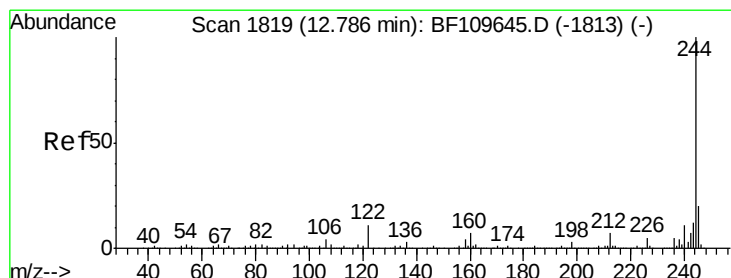
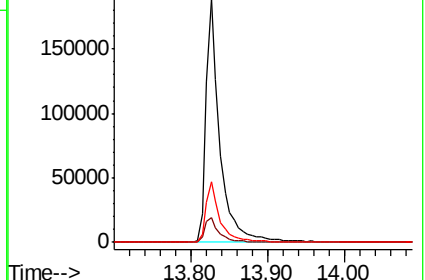
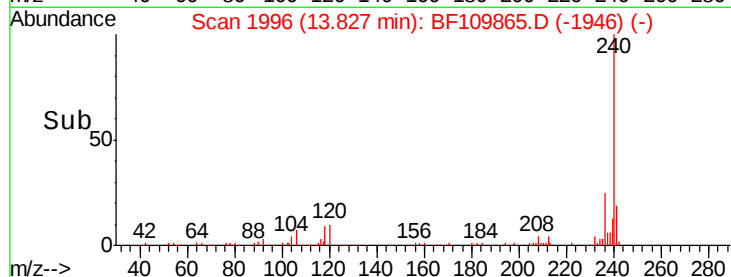
236 24.8 21.2 31.8



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: 82.110 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109865.D

Acq: 13 Oct 2018 6:00

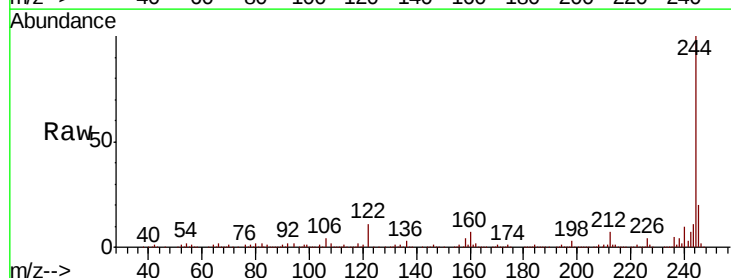
Tgt Ion:244 Resp: 1001278

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

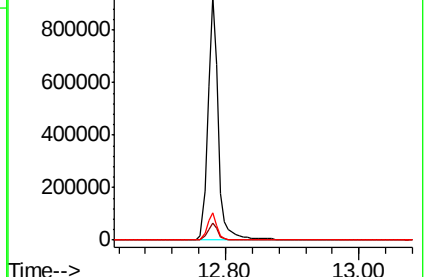
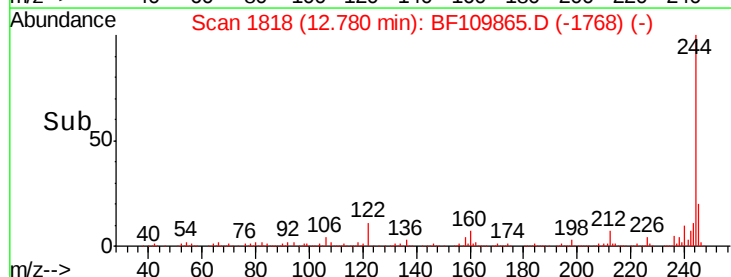
122 11.2 8.7 13.1

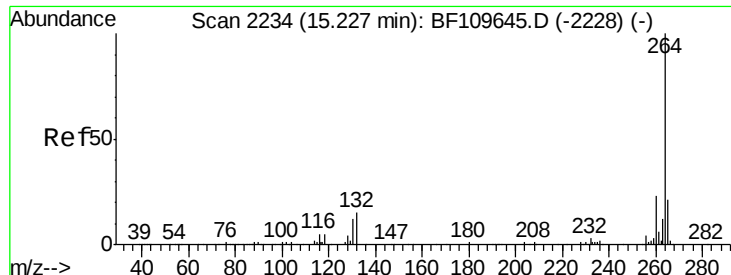


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

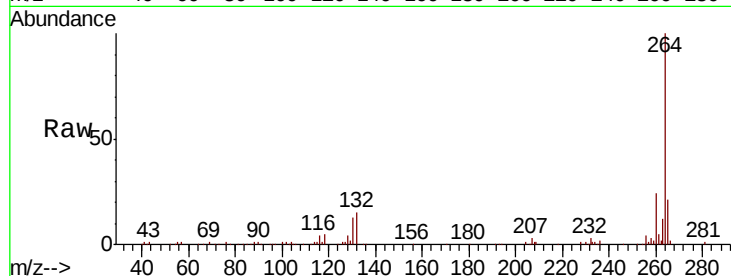




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. -0.00 min
 Lab File: BF109865.D
 Acq: 13 Oct 2018 6:00

Instrument :
 BNA_F
 ClientSampleId :
 101018-DBRI-F-D-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.0	16.7	25.1



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

