

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
 Data File : BF108685.D
 Acq On : 31 Aug 2018 12:10
 Operator : JU/SJ
 Sample : PB112495BL
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112495BL

Quant Time: Aug 31 12:35:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 15:06:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	85850	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	358789	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	172446	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	316395	20.00	ng	0.00
75) Chrysene-d12	14.19	240	290363	20.00	ng	-0.01
86) Perylene-d12	15.75	264	251853	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	297808	60.26	ng	0.00
7) Phenol-d6	6.64	99	551869	77.97	ng	-0.01
23) Nitrobenzene-d5	7.57	82	571279	80.82	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	145777	64.04	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1148363	89.54	ng	0.00
78) Terphenyl-d14	13.12	244	970019	64.91	ng	-0.01

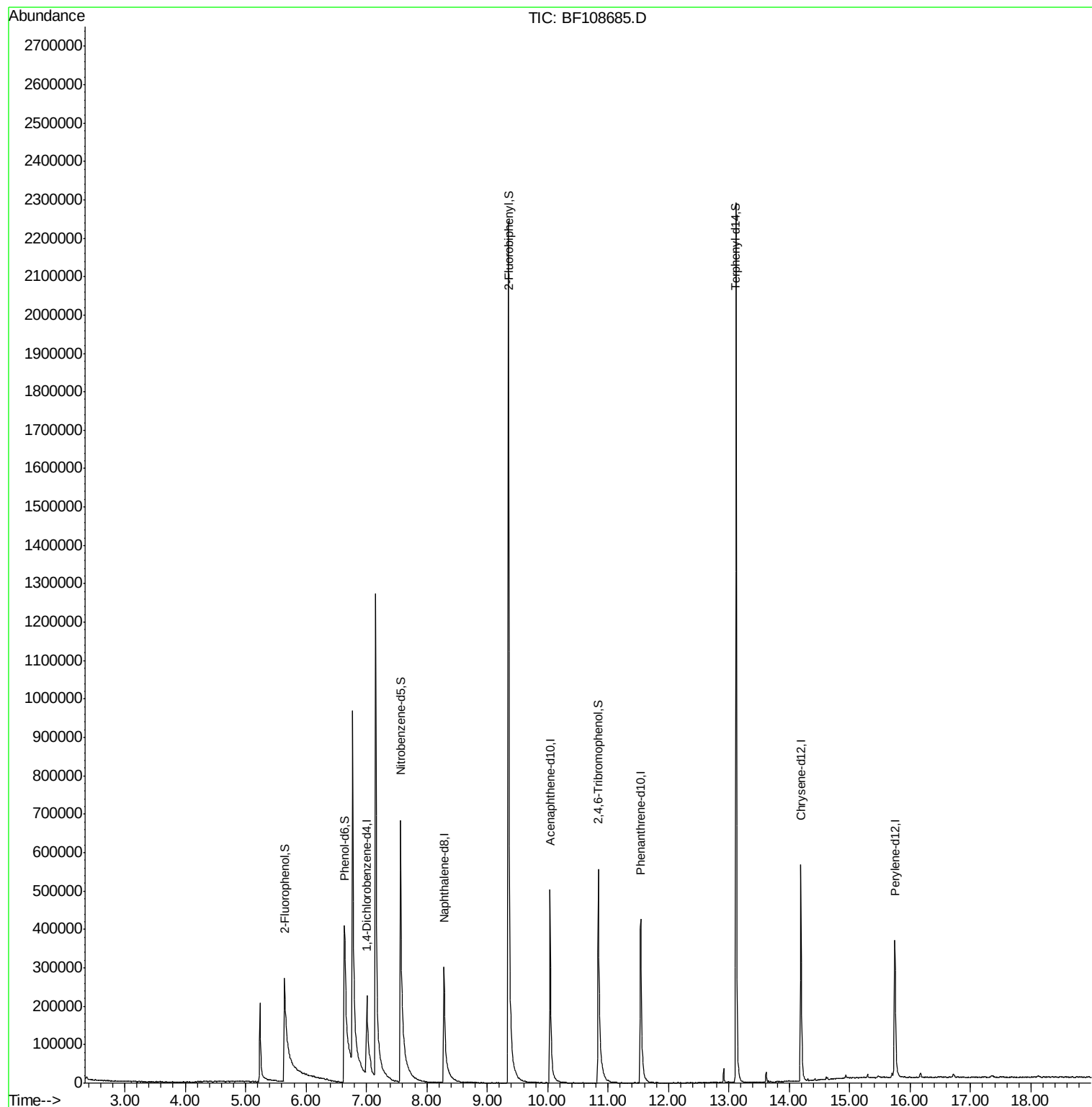
Target Compounds Qvalue

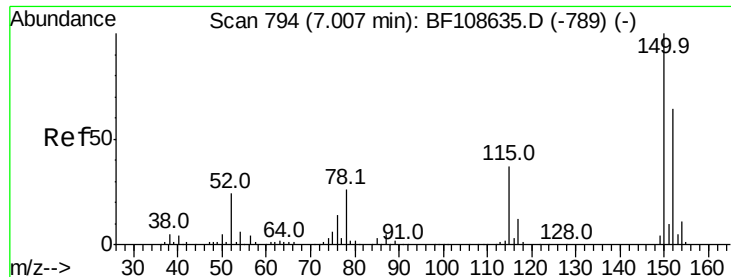
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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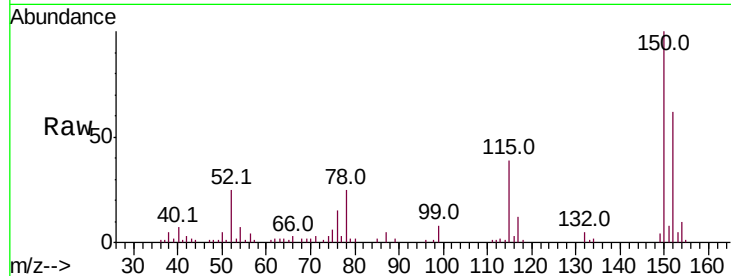


#1

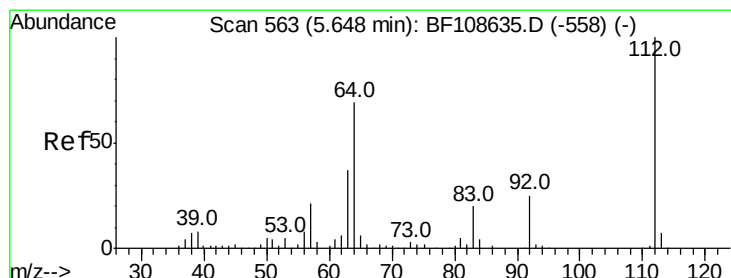
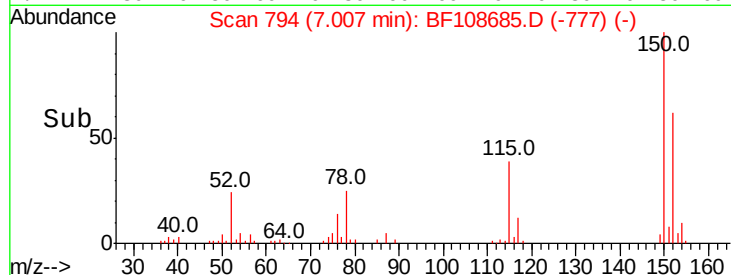
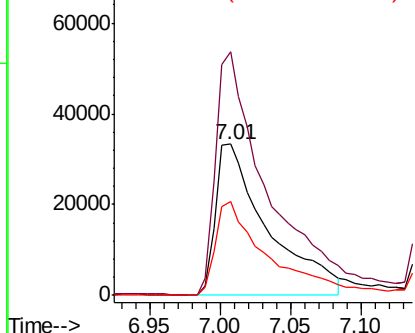
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF108685.D
Acq: 31 Aug 2018 12:10

Instrument :
BNA_F
ClientSampleId :
PB112495BL

Tot Ion:152 Resp: 85850
Ion Ratio Lower Upper
152 100
150 161.1 124.6 186.8
115 62.4 50.1 75.1



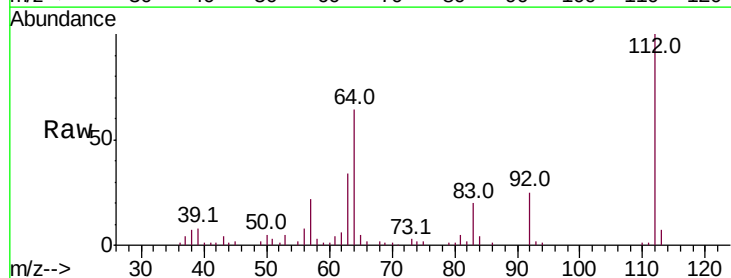
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



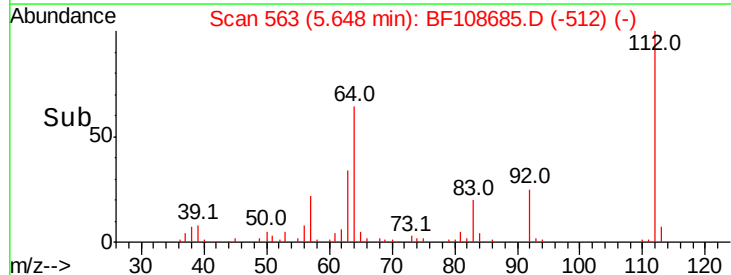
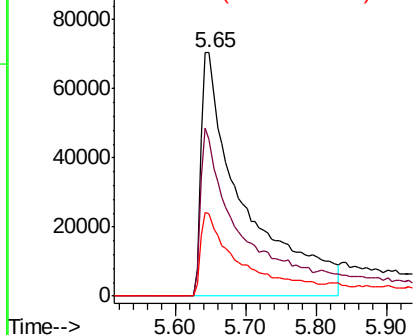
#5

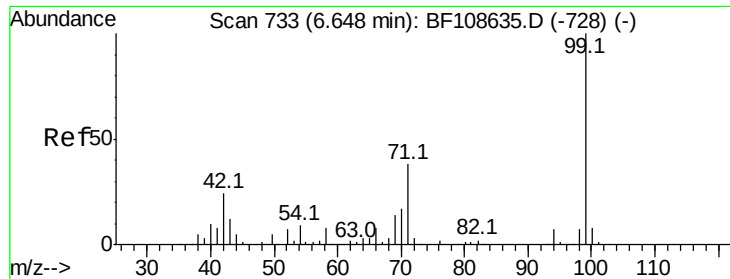
2-Fluorophenol
Concen: 60.262 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.00 min
Lab File: BF108685.D
Acq: 31 Aug 2018 12:10

Tgt Ion:112 Resp: 297808
Ion Ratio Lower Upper
112 100
64 64.4 47.9 71.9
63 33.9 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: 77.970 ng

RT: 6.64 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF108685.D

Acq: 31 Aug 2018 12:10

Instrument :

BNA_F

ClientSampleId :

PB112495BL

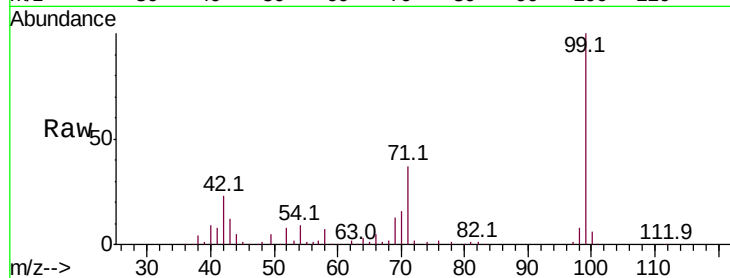
Tot Ion: 99 Resp: 551869

Ion Ratio Lower Upper

99 100

42 23.1 14.5 21.7#

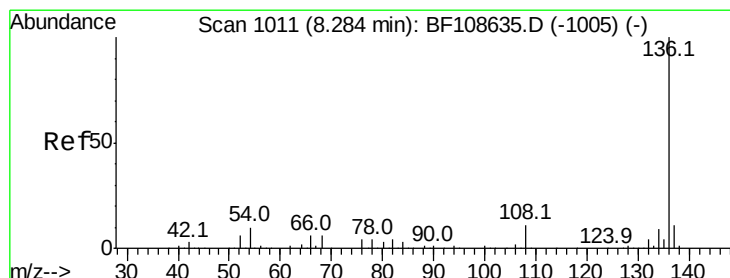
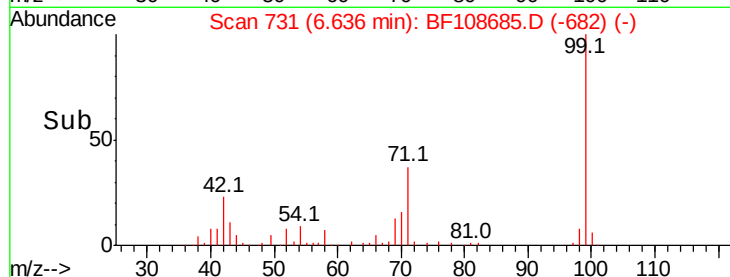
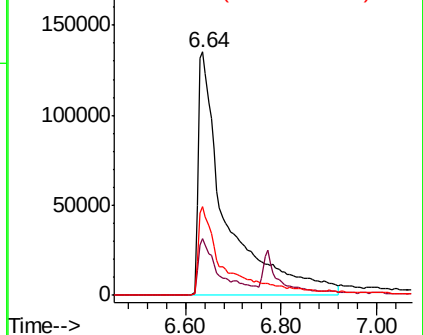
71 36.5 25.4 38.0



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: 8.28 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BF108685.D

Acq: 31 Aug 2018 12:10

Tgt Ion: 136 Resp: 358789

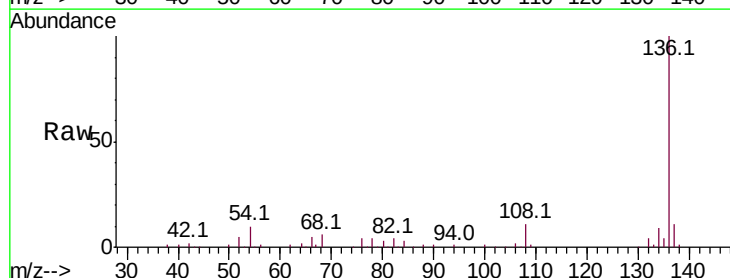
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 9.9 6.6 9.8#

68 5.9 5.0 7.4

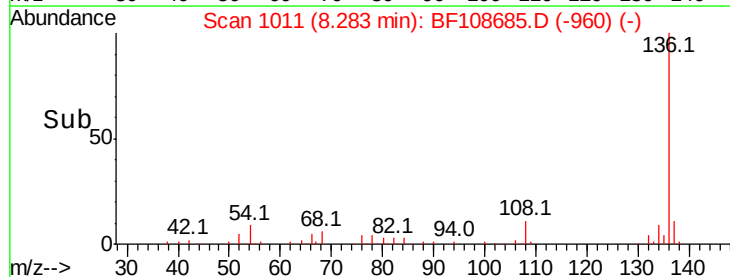
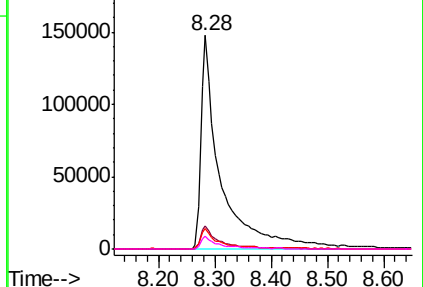


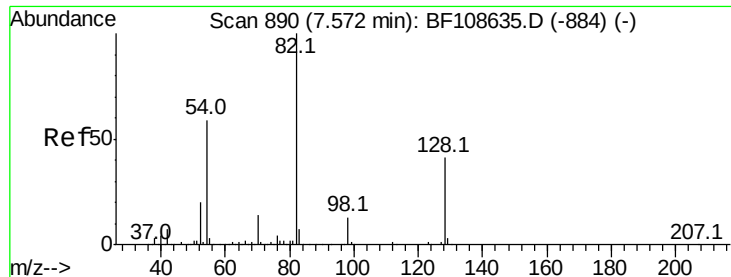
Abundance Ion 136.00 (135.70 to 136.70): E

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

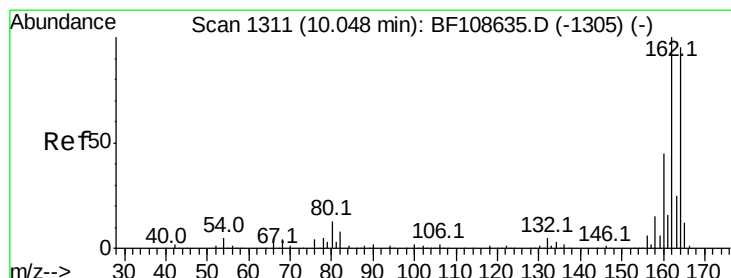
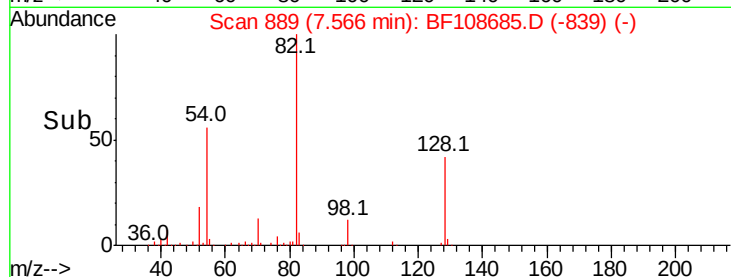
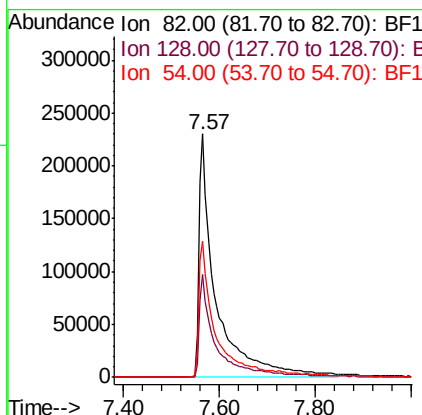
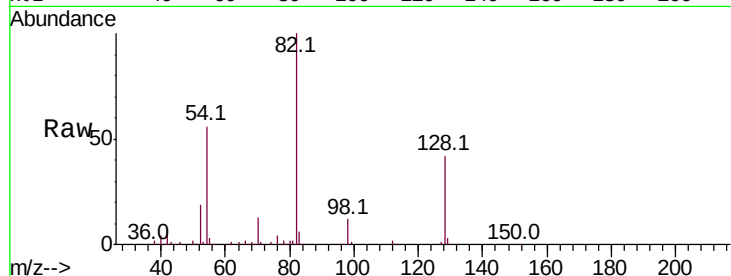




#23
 Nitrobenzene-d5
 Concen: 80.820 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF108685.D
 Acq: 31 Aug 2018 12:10

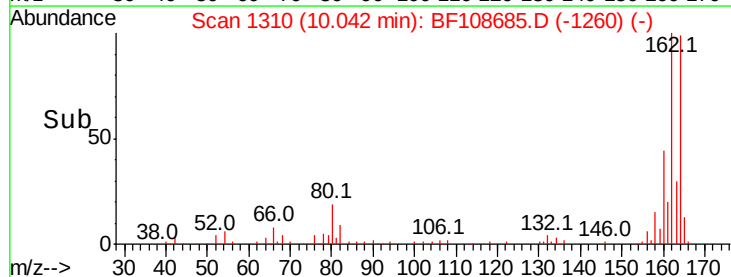
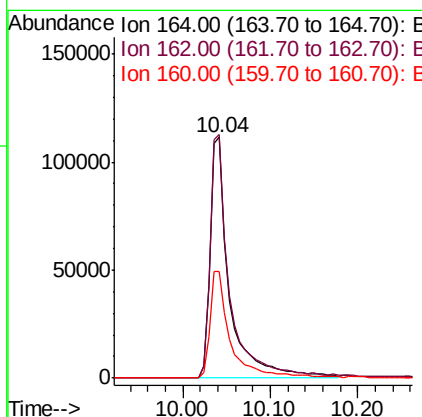
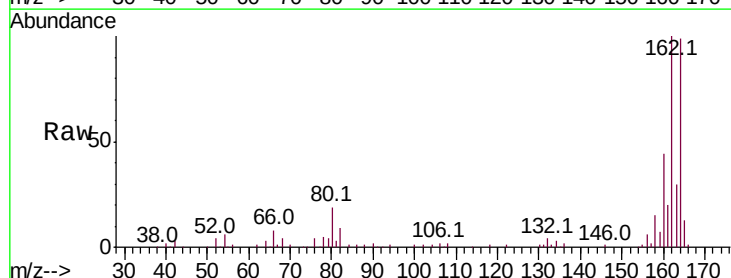
Instrument :
 BNA_F
 ClientSampleId :
 PB112495BL

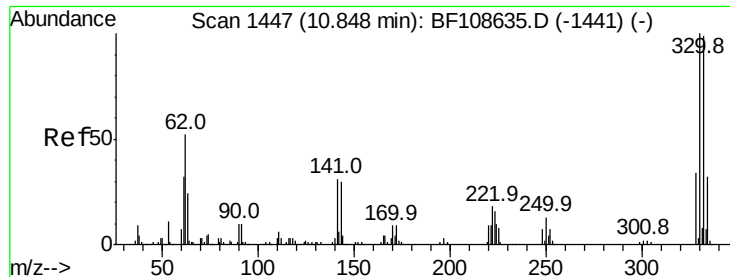
Tot Ion: 82 Resp: 571279
 Ion Ratio Lower Upper
 82 100
 128 42.4 36.1 54.1
 54 56.0 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108685.D
 Acq: 31 Aug 2018 12:10

Tgt Ion:164 Resp: 172446
 Ion Ratio Lower Upper
 164 100
 162 101.1 86.1 129.1
 160 44.3 38.3 57.5

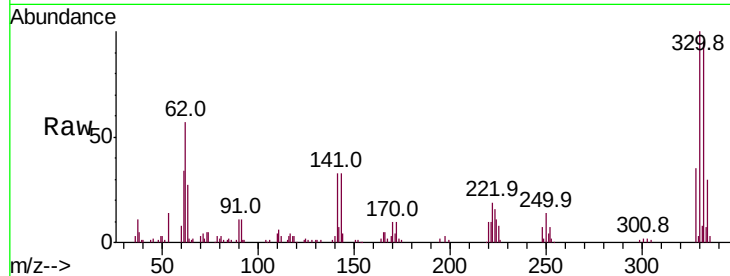




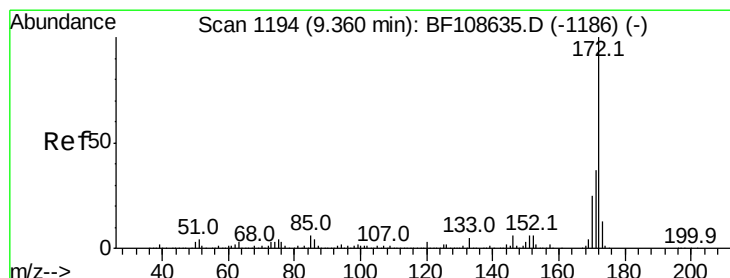
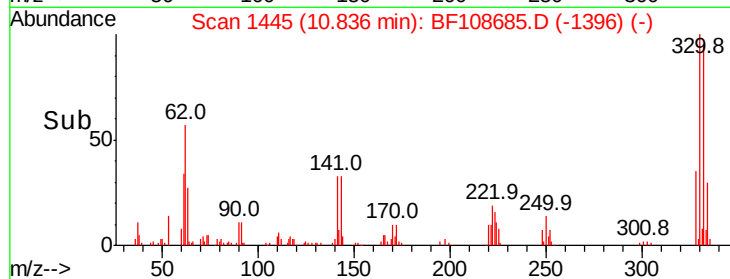
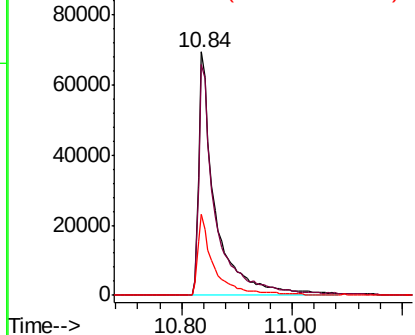
#41
 2,4,6-Tribromophenol
 Concen: 64.036 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108685.D
 Acq: 31 Aug 2018 12:10

Instrument :
 BNA_F
 ClientSampleId :
 PB112495BL

Tot Ion:330 Resp: 145777
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 31.7 29.9 44.9

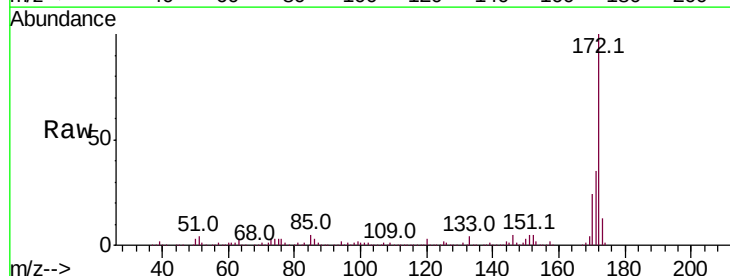


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

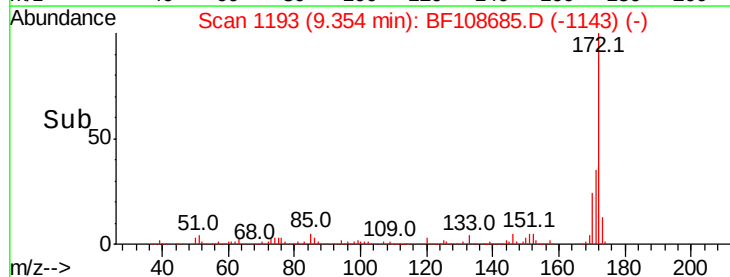
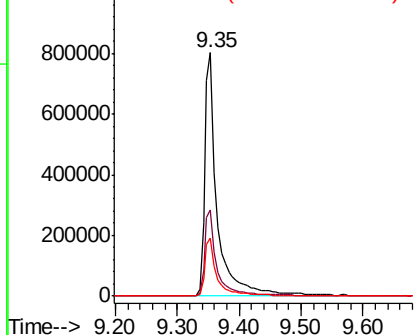


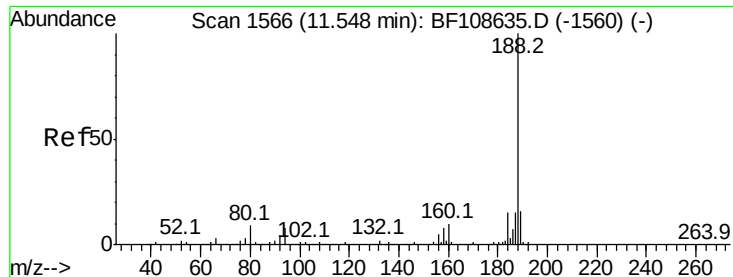
#44
 2-Fluorobiphenyl
 Concen: 89.539 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108685.D
 Acq: 31 Aug 2018 12:10

Tgt Ion:172 Resp: 1148363
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.7 44.5
 170 23.6 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

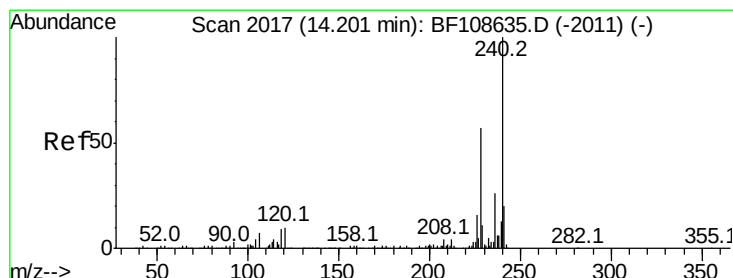
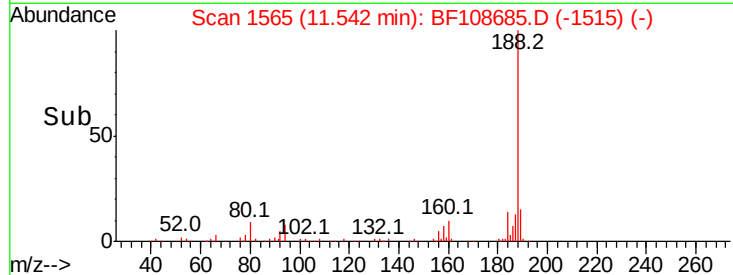
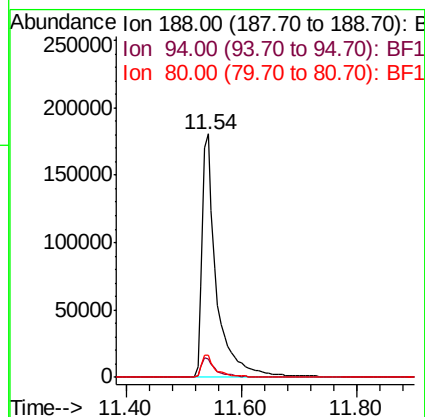
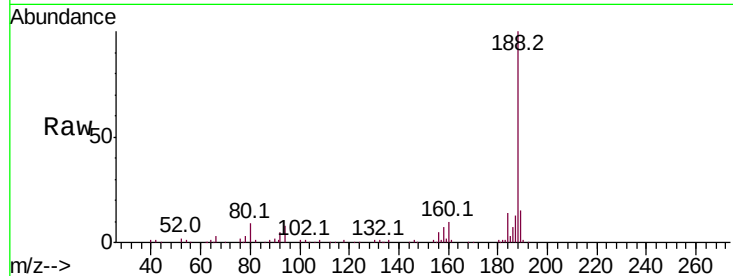




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108685.D
Acq: 31 Aug 2018 12:10

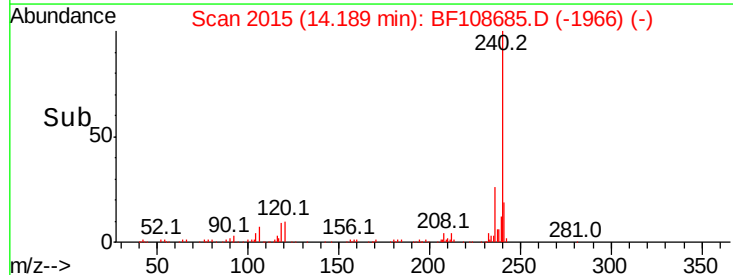
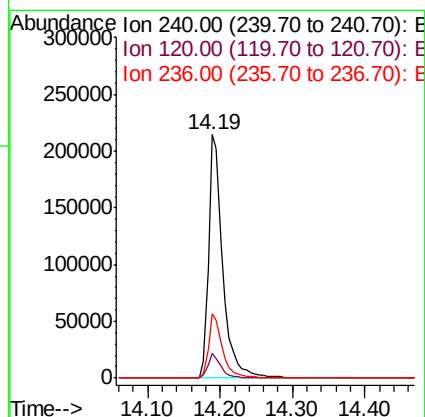
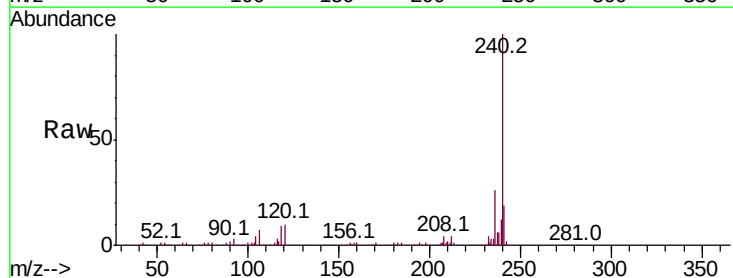
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BNA_F
ClientSampleId :
PB112495BL

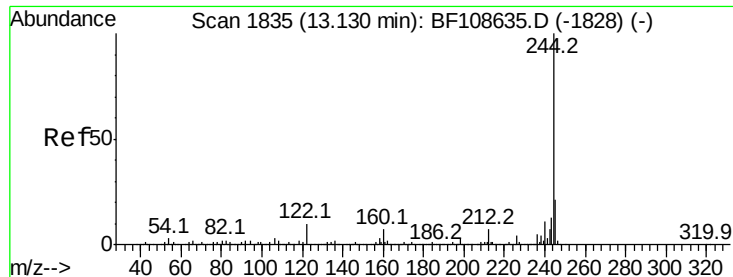
Tot Ion:188 Resp: 316395
Ion Ratio Lower Upper
188 100
94 7.6 8.5 12.7#
80 9.2 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF108685.D
Acq: 31 Aug 2018 12:10

Tgt Ion:240 Resp: 290363
Ion Ratio Lower Upper
240 100
120 10.0 9.5 14.3
236 26.3 20.7 31.1





#78

Terphenyl-d14

Concen: 64.908 ng

RT: 13.12 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF108685.D

Acq: 31 Aug 2018 12:10

Instrument :

BNA_F

ClientSampleId :

PB112495BL

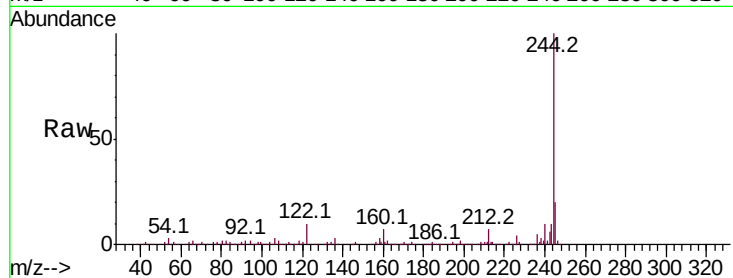
Tot Ion:244 Resp: 970019

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

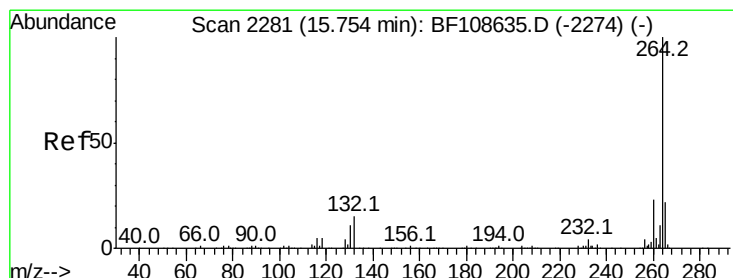
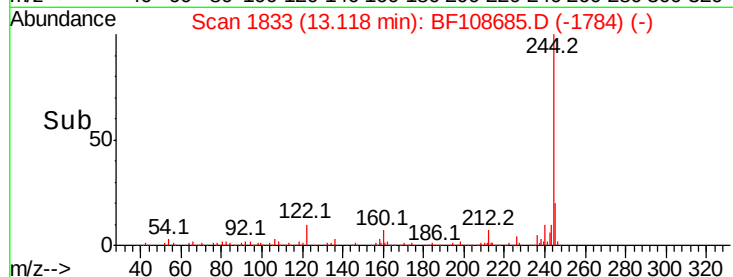
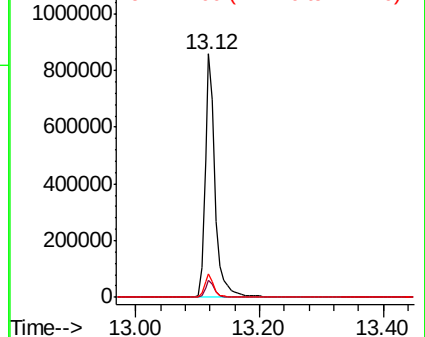
122 9.7 11.0 16.4#



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: 15.75 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF108685.D

Acq: 31 Aug 2018 12:10

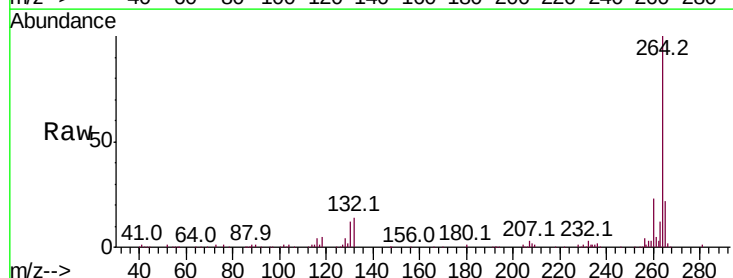
Tgt Ion:264 Resp: 251853

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 21.7 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

