

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
 Data File : BF108465.D
 Acq On : 24 Aug 2018 16:02
 Operator : JU/SJ
 Sample : PB112335BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112335BL

Quant Time: Aug 24 16:34:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	125579	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	481754	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	248392	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	513466	20.00	ng	0.00
75) Chrysene-d12	14.19	240	317848	20.00	ng	0.00
86) Perylene-d12	15.75	264	266792	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	694948	100.19	ng	0.00
7) Phenol-d6	6.62	99	924315	100.28	ng	0.00
23) Nitrobenzene-d5	7.56	82	621673	72.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	279013	112.61	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1218491	78.76	ng	-0.01
78) Terphenyl-d14	13.12	244	1365230	109.21	ng	0.00

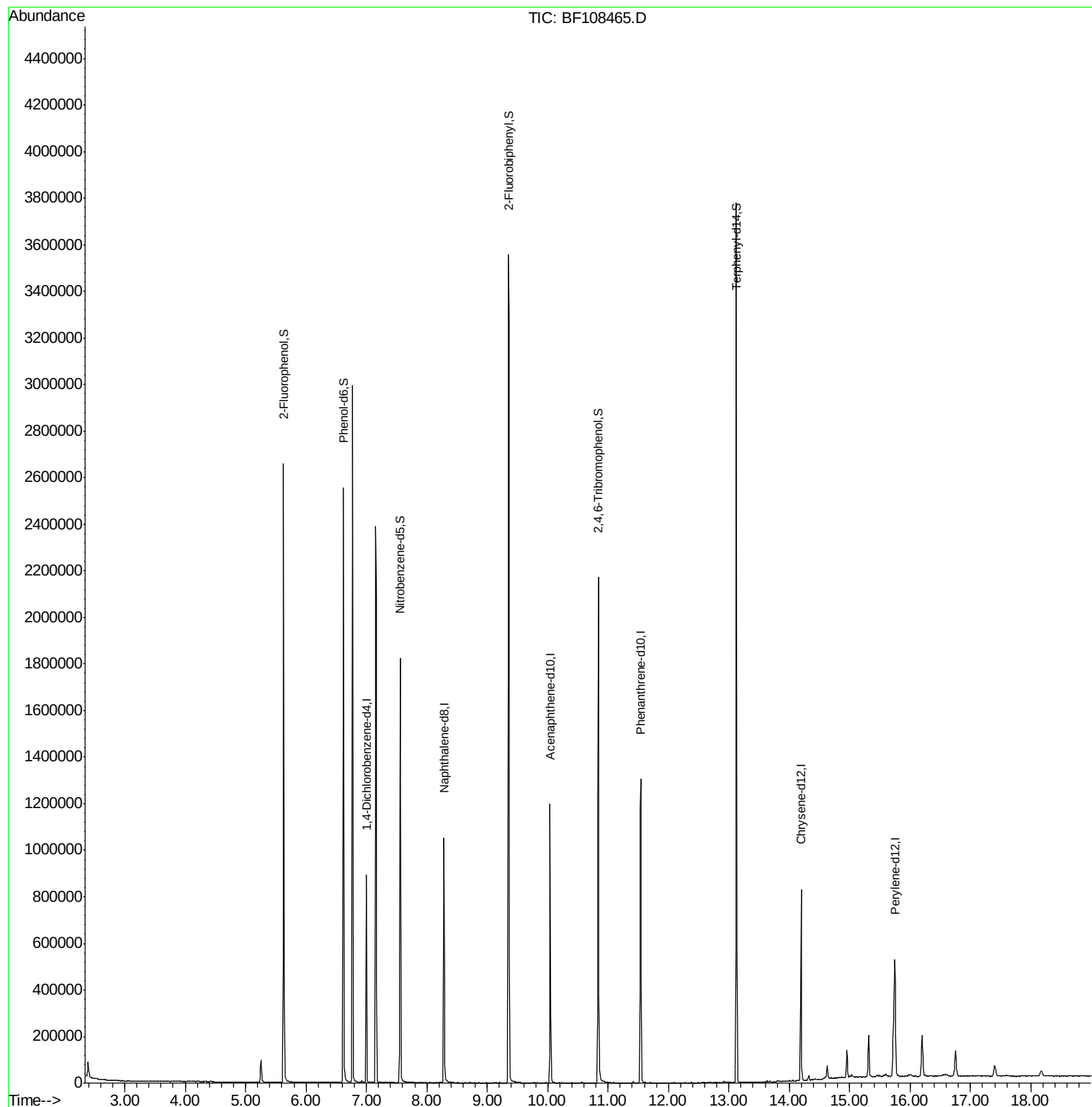
Target Compounds Qvalue

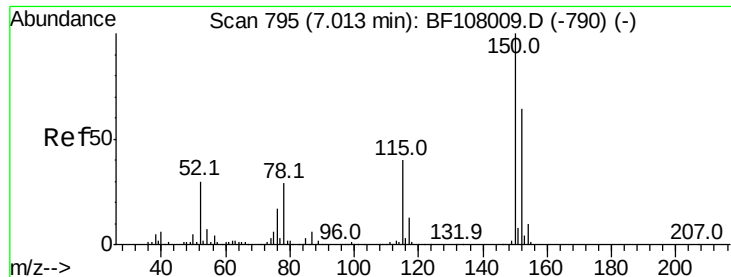
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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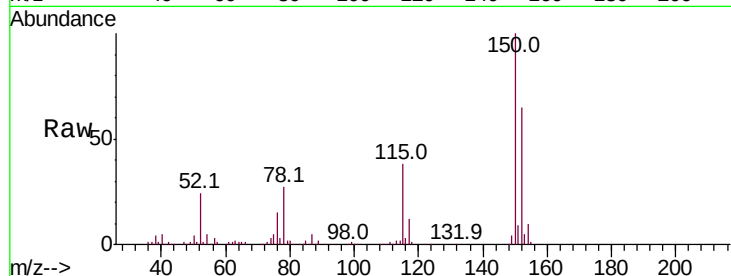


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108465.D
Acq: 24 Aug 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB112335BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.6	186.8
115	58.6	50.1	75.1

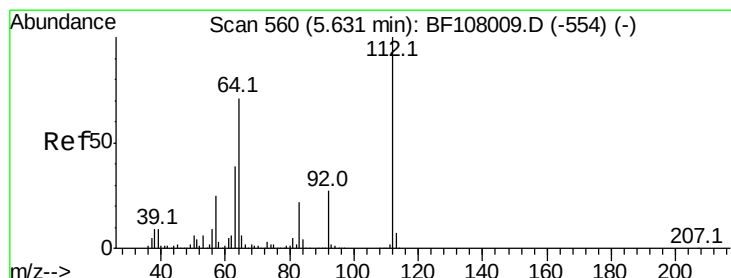
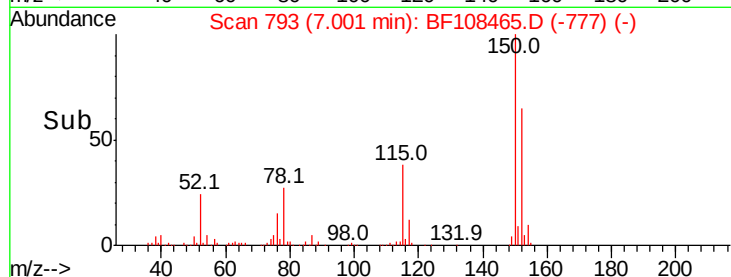
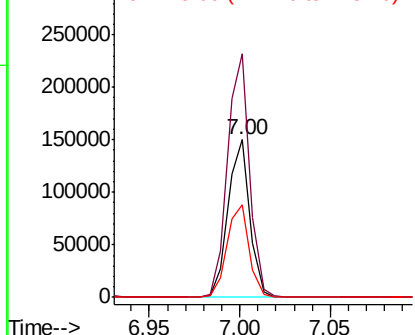


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

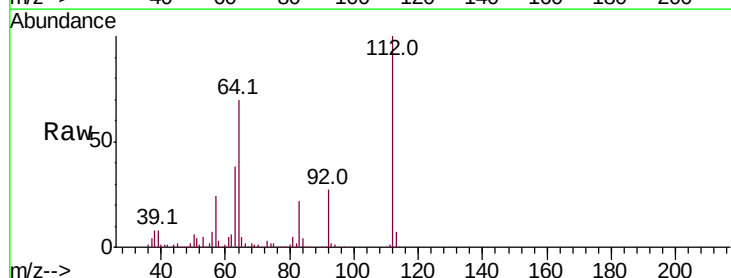
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 100.190 ng
RT: 5.63 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF108465.D
Acq: 24 Aug 2018 16:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.1	47.9	71.9
63	37.6	23.7	35.5

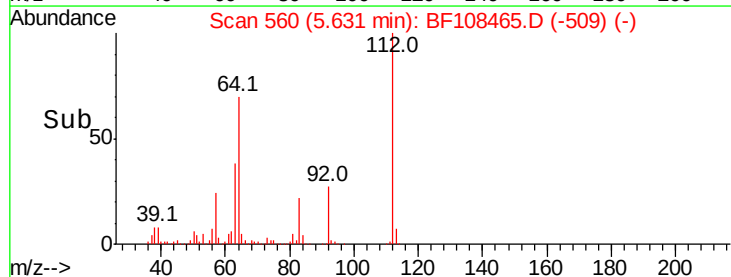
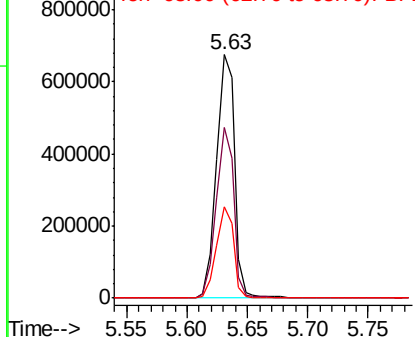


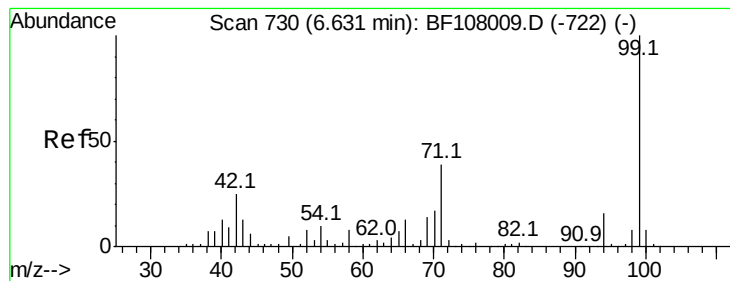
Abundance

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: 100.279 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108465.D

Acq: 24 Aug 2018 16:02

Instrument :

BNA_F

ClientSampleId :

PB112335BL

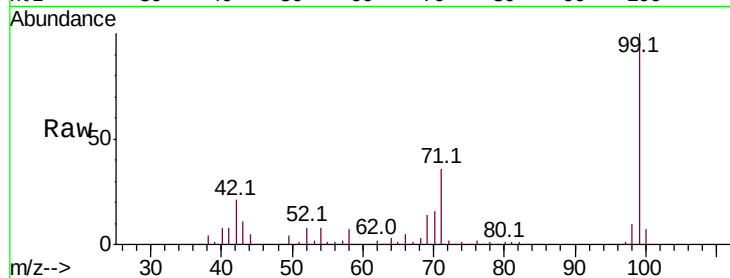
Tot Ion: 99 Resp: 924315

Ion Ratio Lower Upper

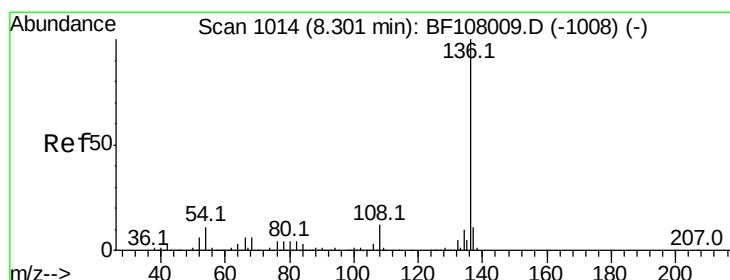
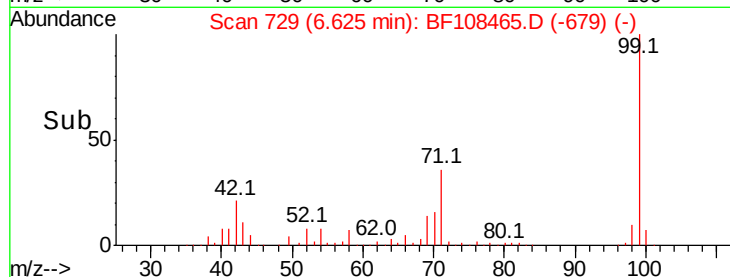
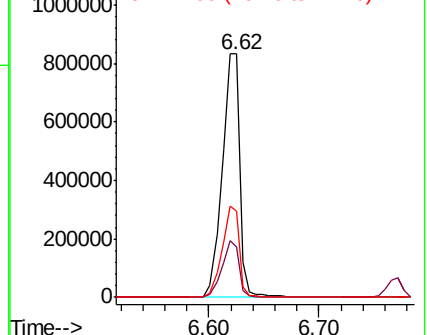
99 100

42 20.9 14.5 21.7

71 35.6 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. -0.01 min

Lab File: BF108465.D

Acq: 24 Aug 2018 16:02

Tgt Ion: 136 Resp: 481754

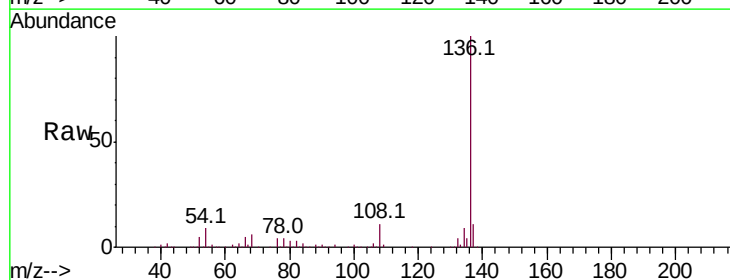
Ion Ratio Lower Upper

136 100

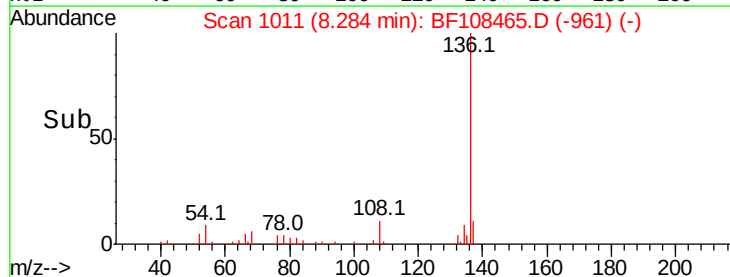
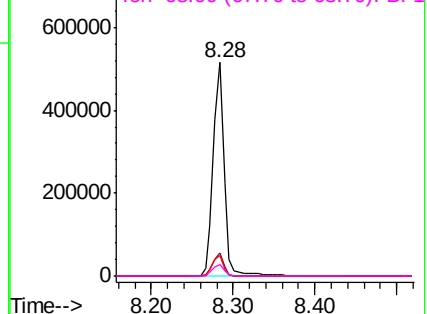
137 10.7 8.9 13.3

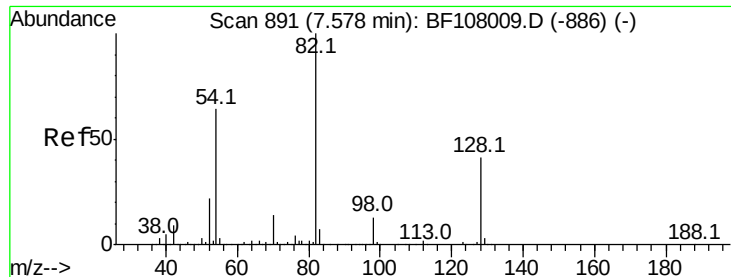
54 9.4 6.6 9.8

68 5.5 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: 72.008 ng

RT: 7.56 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF108465.D

Acq: 24 Aug 2018 16:02

Instrument :

BNA_F

ClientSampleId :

PB112335BL

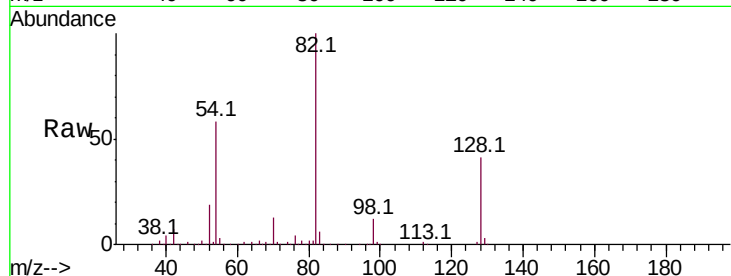
Tot Ion: 82 Resp: 621673

Ion Ratio Lower Upper

82 100

128 41.0 36.1 54.1

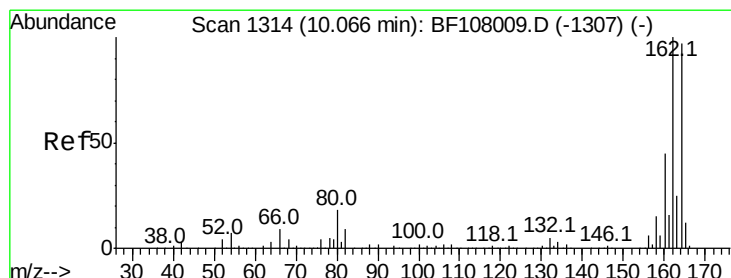
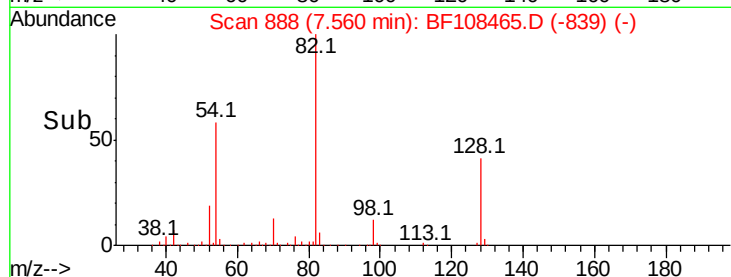
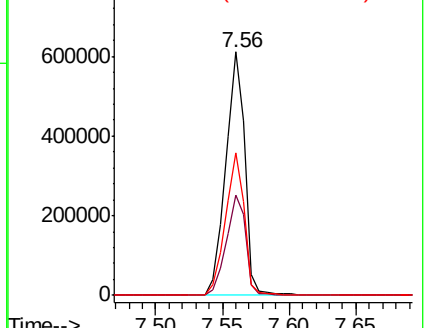
54 58.3 41.4 62.2



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: 10.04 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF108465.D

Acq: 24 Aug 2018 16:02

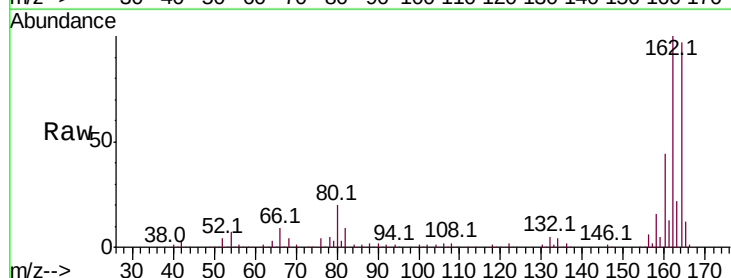
Tgt Ion: 164 Resp: 248392

Ion Ratio Lower Upper

164 100

162 102.7 86.1 129.1

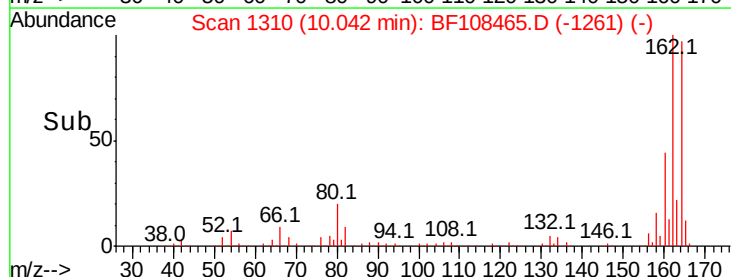
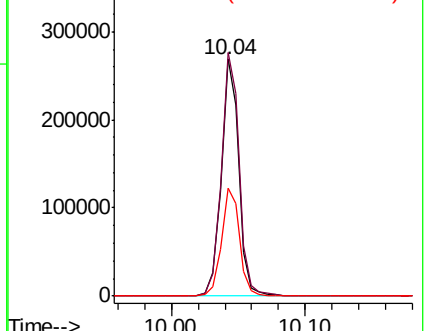
160 45.3 38.3 57.5

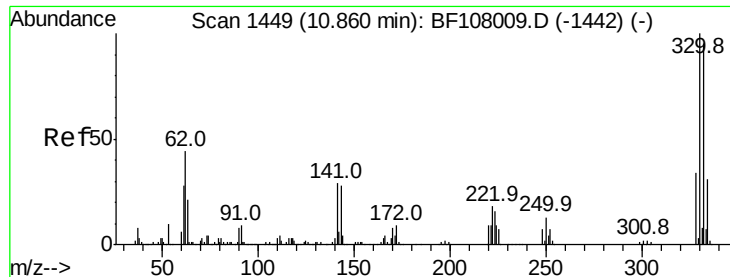


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

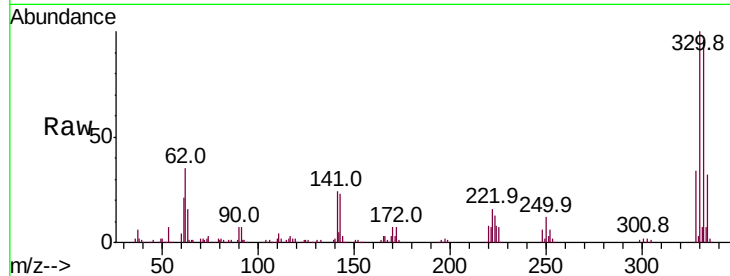




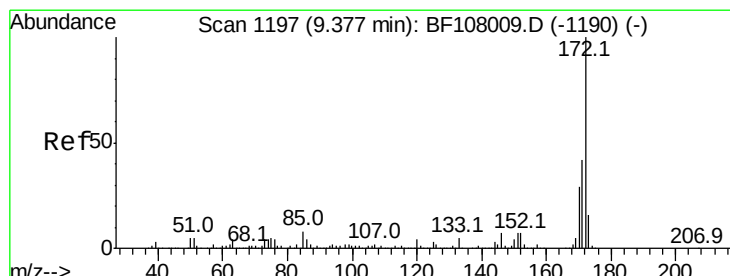
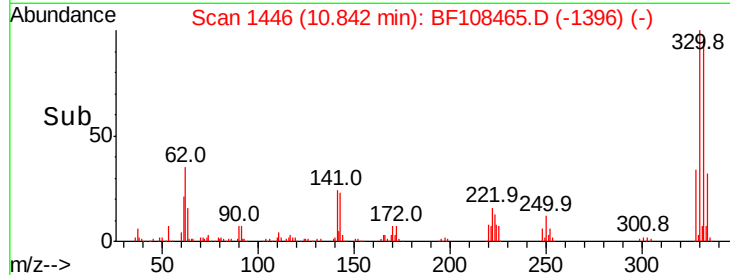
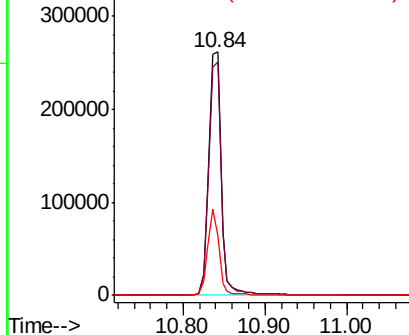
#41
 2,4,6-Tribromophenol
 Concen: 112.612 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108465.D
 Acq: 24 Aug 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB112335BL

Tot Ion:330 Resp: 279013
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 32.2 29.9 44.9

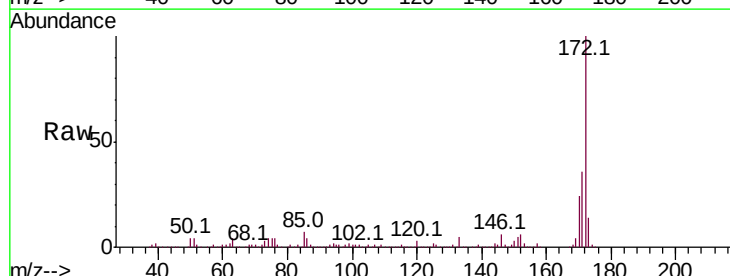


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

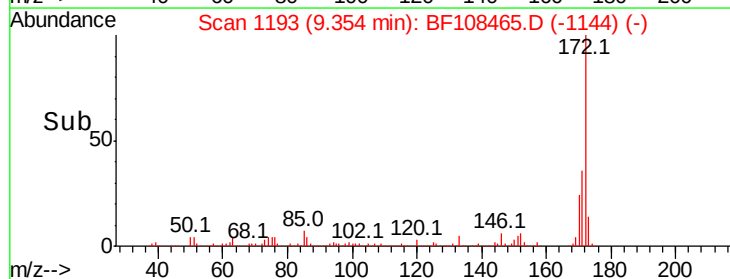
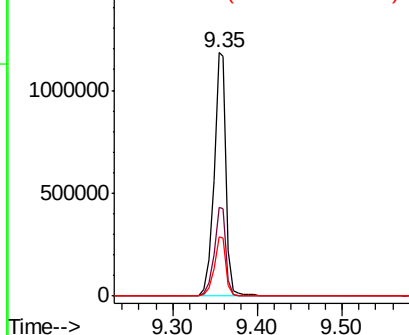


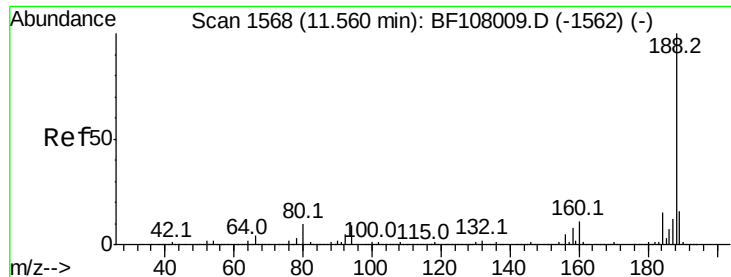
#44
 2-Fluorobiphenyl
 Concen: 78.757 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108465.D
 Acq: 24 Aug 2018 16:02

Tgt Ion:172 Resp: 1218491
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.5 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

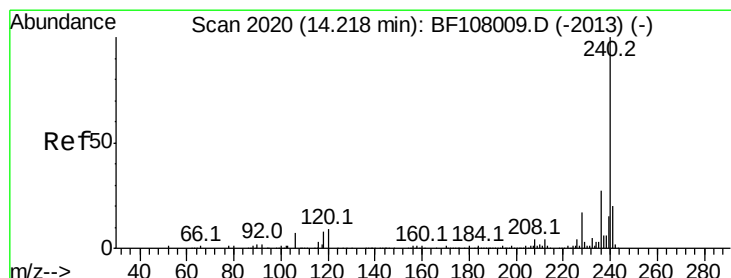
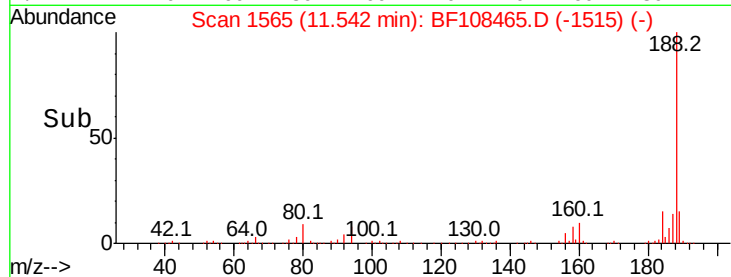
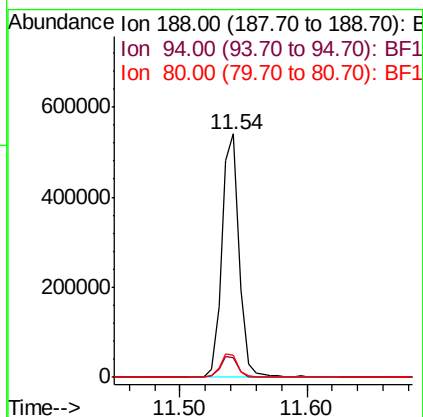
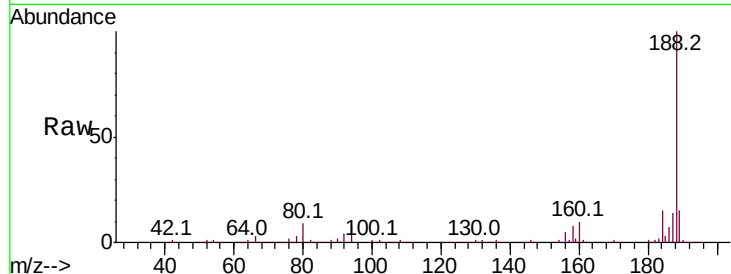




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF108465.D
 Acq: 24 Aug 2018 16:02

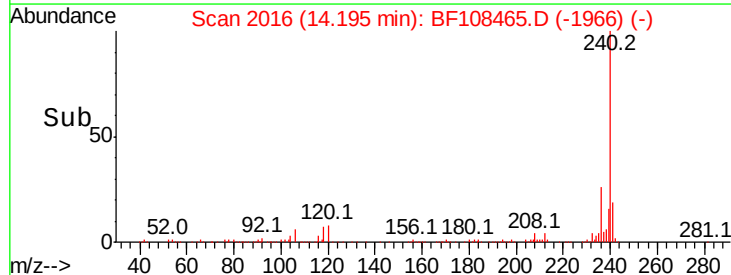
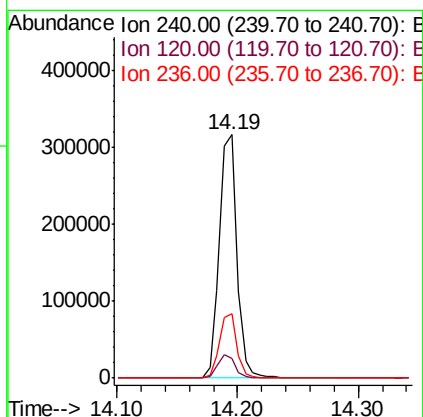
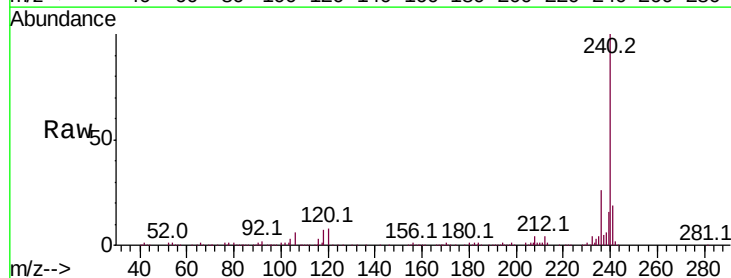
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 BNA_F
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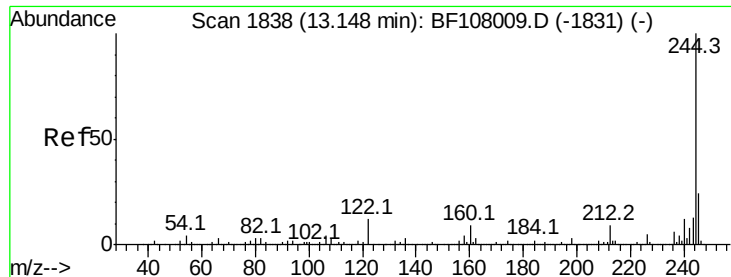
Tot Ion:188 Resp: 513466
 Ion Ratio Lower Upper
 188 100
 94 7.9 8.5 12.7#
 80 9.0 9.2 13.8#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.19 min Scan# 2016
 Delta R.T. -0.01 min
 Lab File: BF108465.D
 Acq: 24 Aug 2018 16:02

Tgt Ion:240 Resp: 317848
 Ion Ratio Lower Upper
 240 100
 120 8.2 9.5 14.3#
 236 26.4 20.7 31.1

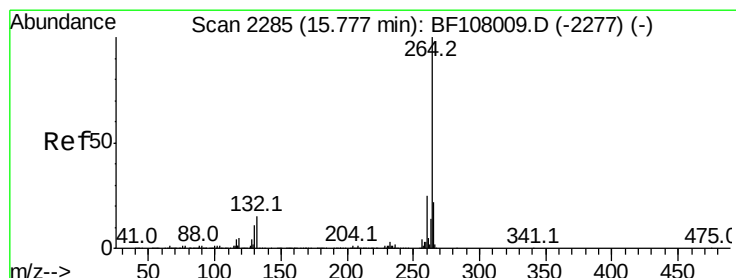
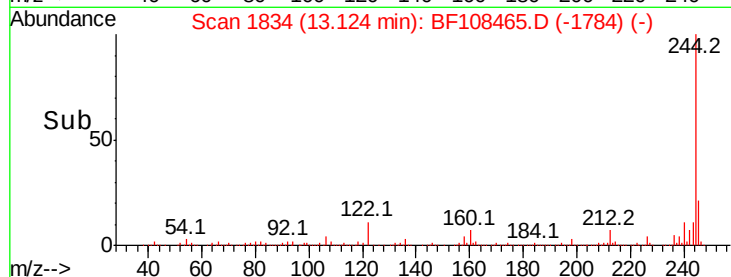
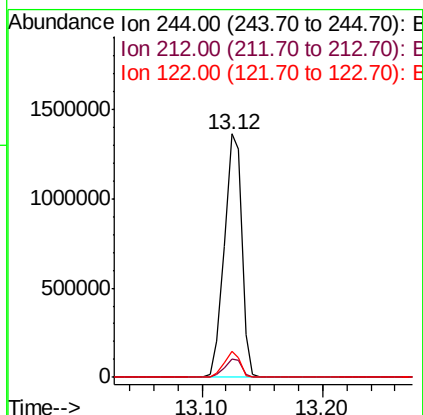
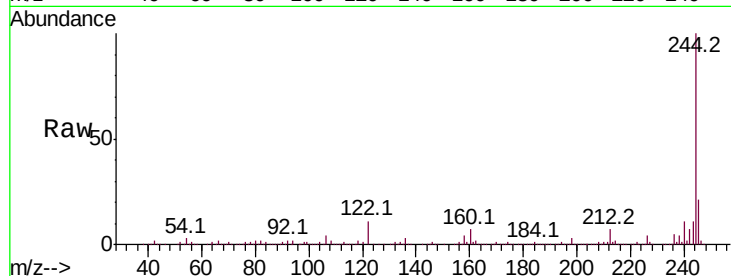




#78
 Terphenyl-d14
 Concen: 109.209 ng
 RT: 13.12 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF108465.D
 Acq: 24 Aug 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB112335BL

Tot Ion:244 Resp: 1365230
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.0
 122 10.8 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.75 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF108465.D
 Acq: 24 Aug 2018 16:02

Tgt Ion:264 Resp: 266792
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 20.7 17.5 26.3

