

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
 Data File : BF108211.D
 Acq On : 16 Aug 2018 22:41
 Operator : JU/SJ
 Sample : J4499-06 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LSB-06(0-1)

Quant Time: Aug 17 04:55:30 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 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	161916	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	615669	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	285433	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	482132	20.00	ng	0.00
75) Chrysene-d12	14.21	240	433916	20.00	ng	0.00
86) Perylene-d12	15.77	264	340565	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	141435	15.81	ng	0.00
7) Phenol-d6	6.62	99	188046	15.82	ng	0.00
23) Nitrobenzene-d5	7.57	82	119432	10.82	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	37394	13.13	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	245647	13.82	ng	0.00
78) Terphenyl-d14	13.14	244	217560	12.75	ng	0.00

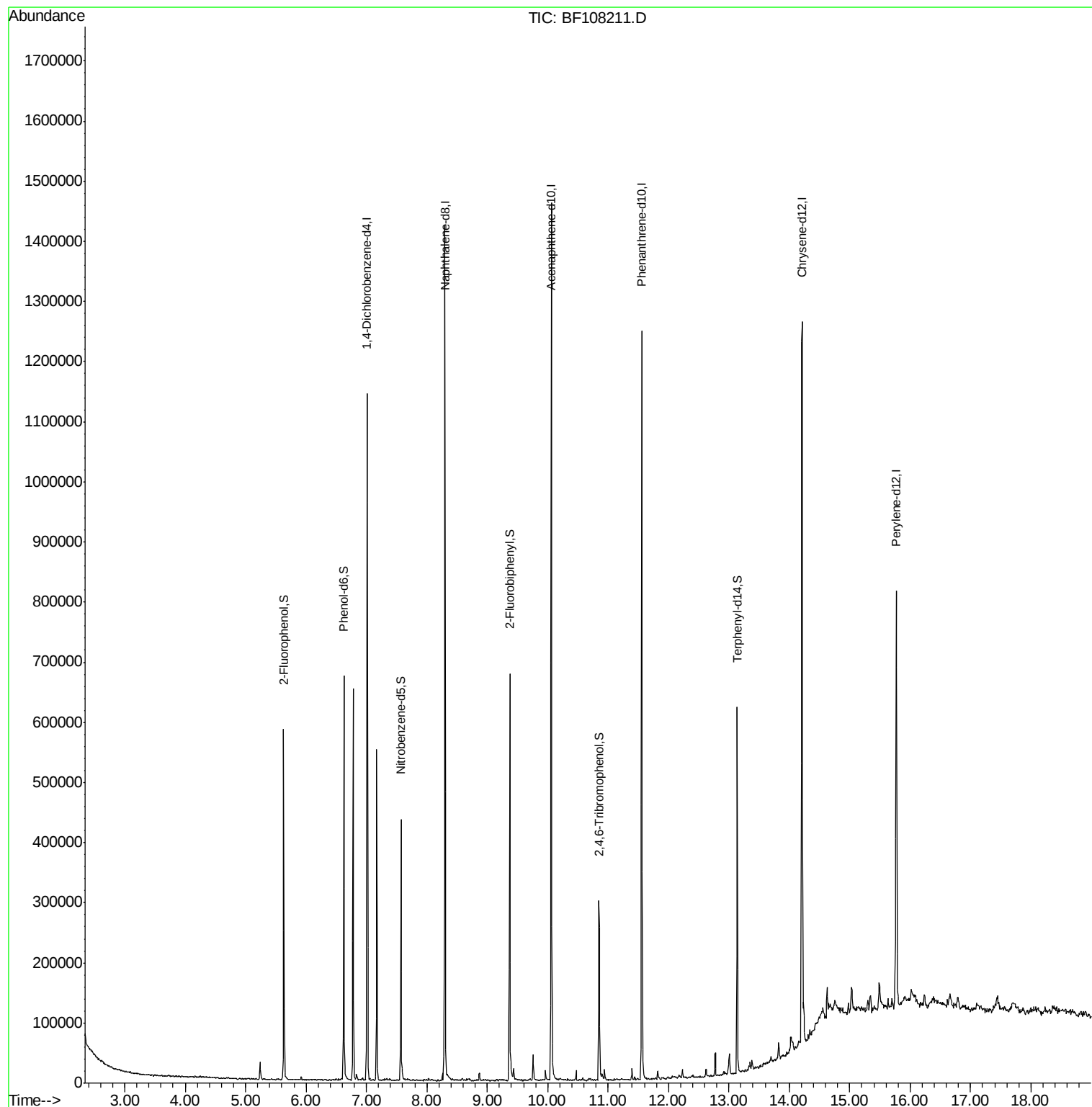
Target Compounds Qvalue

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

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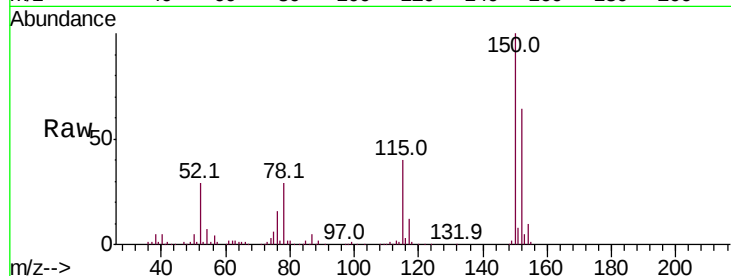


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108211.D
Acq: 16 Aug 2018 22:41

Instrument :
BNA_F
ClientSampleId :
LSB-06(0-1)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.6	186.8
115	61.9	50.1	75.1

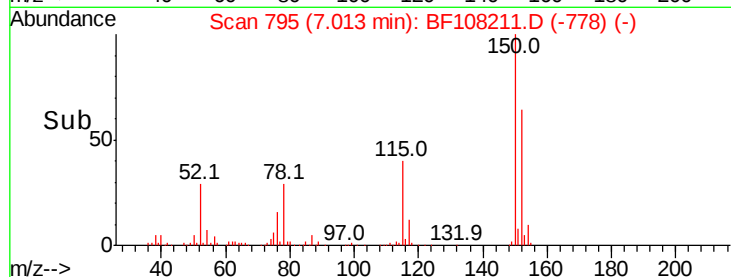
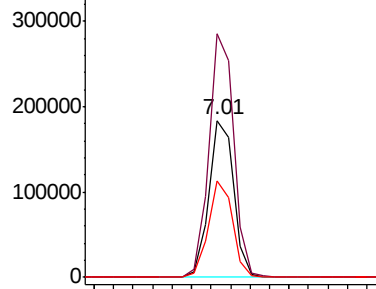


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

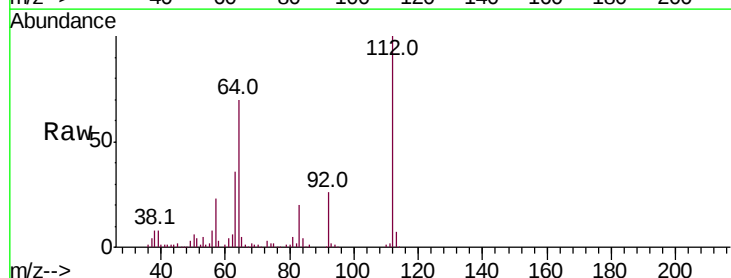
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 15.814 ng
RT: 5.63 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF108211.D
Acq: 16 Aug 2018 22:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.6	47.9	71.9
63	36.2	23.7	35.5

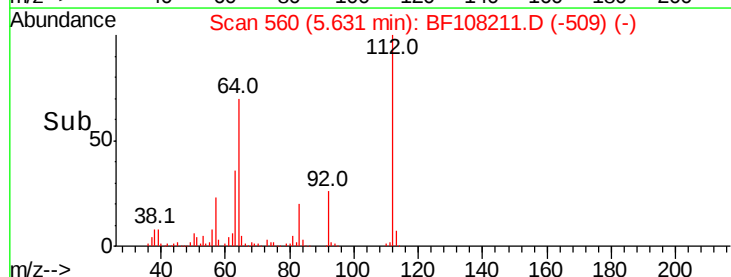
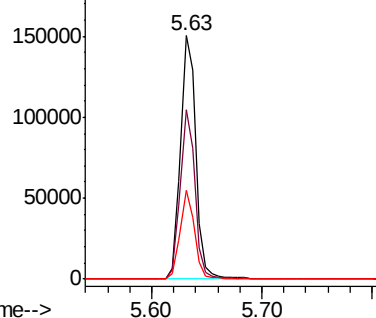


Abundance

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: 15.823 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108211.D

Acq: 16 Aug 2018 22:41

Instrument :

BNA_F

ClientSampleId :

LSB-06(0-1)

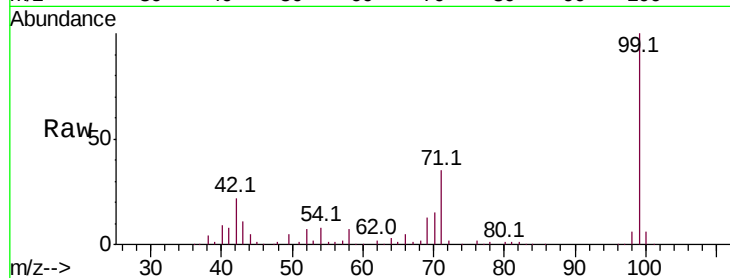
Tot Ion: 99 Resp: 188046

Ion Ratio Lower Upper

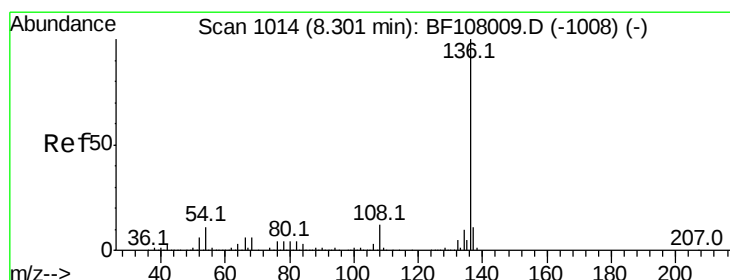
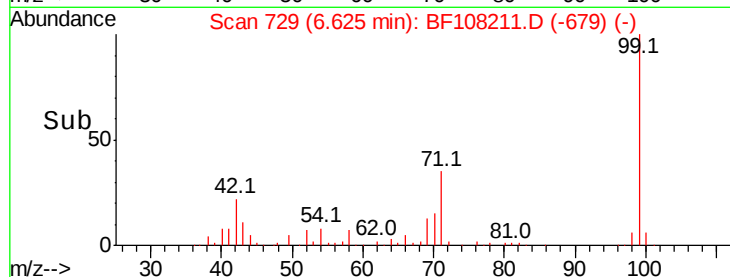
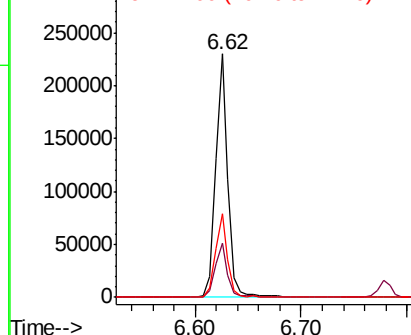
99 100

42 22.1 14.5 21.7#

71 34.5 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: 8.30 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF108211.D

Acq: 16 Aug 2018 22:41

Tgt Ion: 136 Resp: 615669

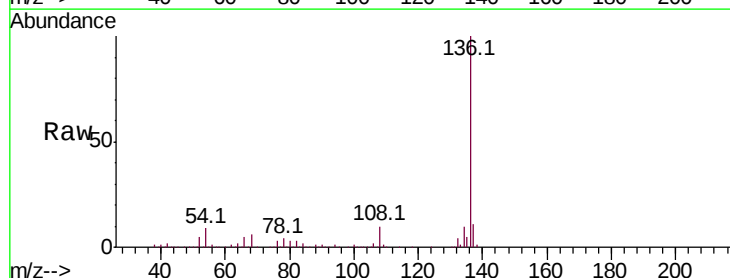
Ion Ratio Lower Upper

136 100

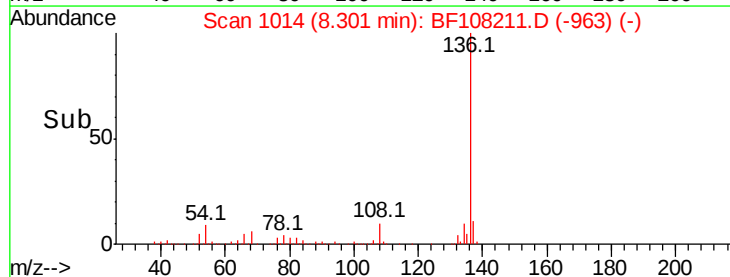
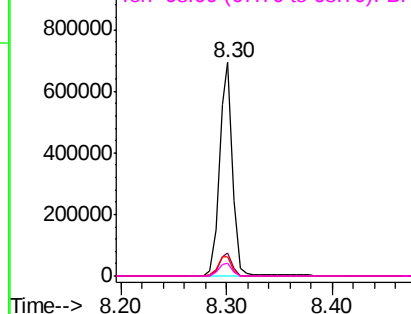
137 10.8 8.9 13.3

54 9.2 6.6 9.8

68 5.8 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

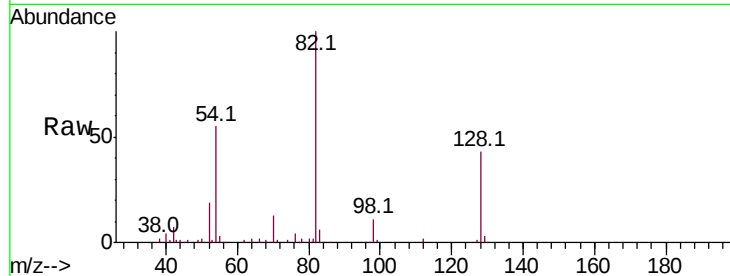




#23
Nitrobenzene-d5
Concen: 10.825 ng
RT: 7.57 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF108211.D
Acq: 16 Aug 2018 22:41

Instrument :
BNA_F
ClientSampleId :
LSB-06(0-1)

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.1	36.1	54.1
54	55.5	41.4	62.2

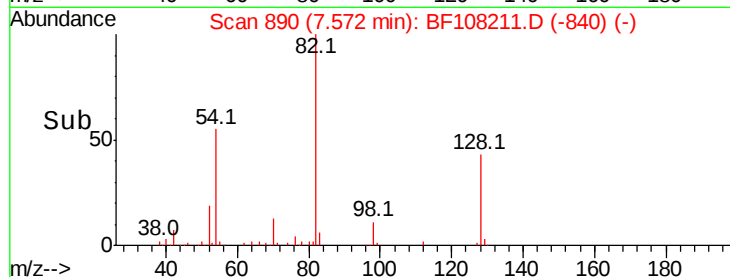
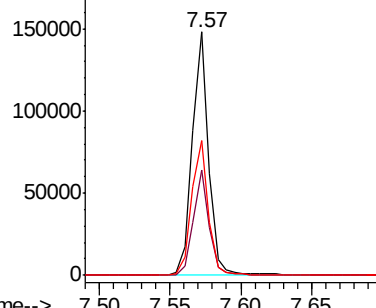


Abundance

Ion 82.00 (81.70 to 82.70): BF1

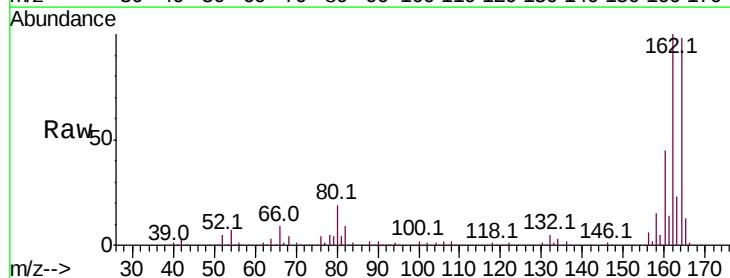
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108211.D
Acq: 16 Aug 2018 22:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	86.1	129.1
160	45.6	38.3	57.5

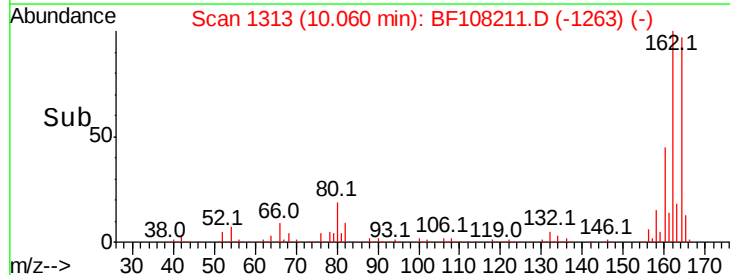
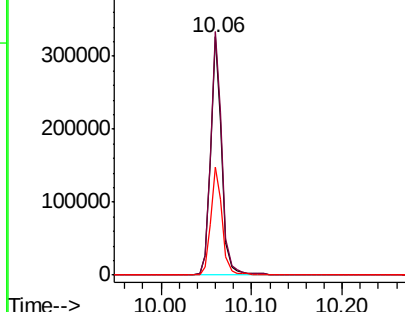


Abundance

Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

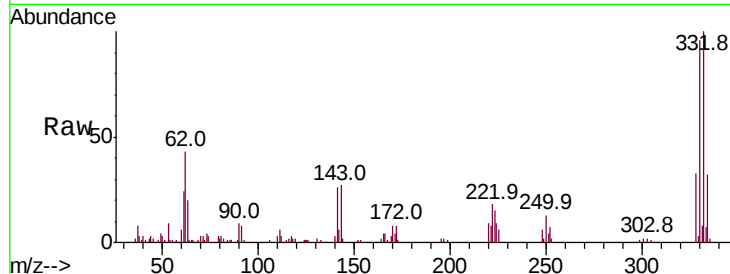




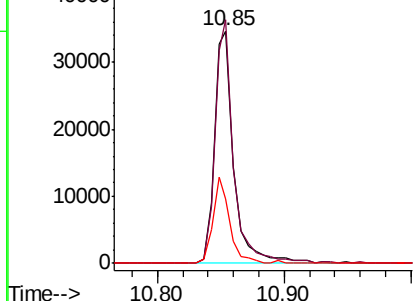
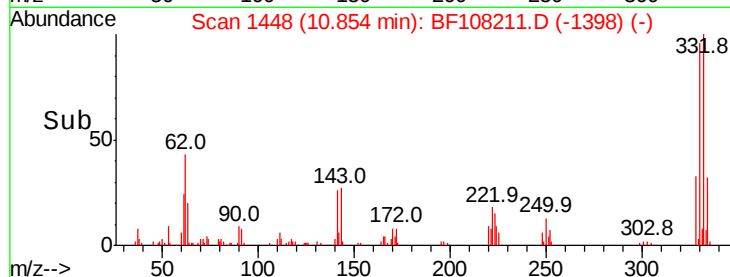
#41
 2,4,6-Tribromophenol
 Concen: 13.134 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108211.D
 Acq: 16 Aug 2018 22:41

Instrument :
 BNA_F
 ClientSampleId :
 LSB-06(0-1)

Tot Ion:330 Resp: 37394
 Ion Ratio Lower Upper
 330 100
 332 99.6 77.0 115.6
 141 32.0 29.9 44.9

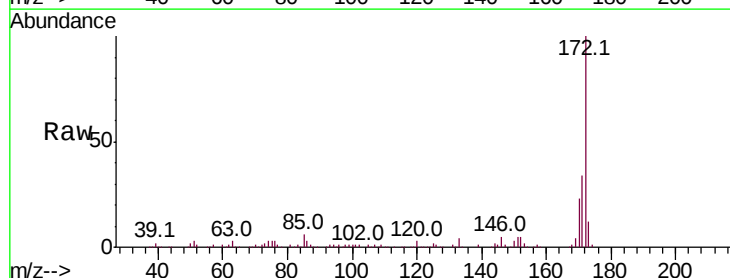


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

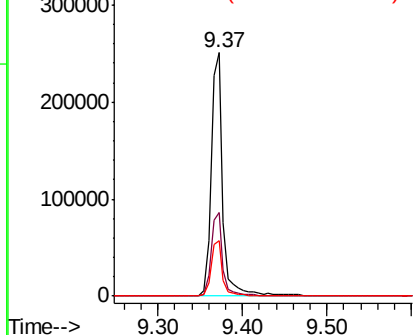
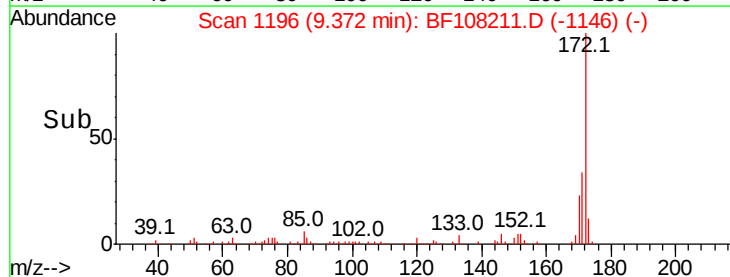


#44
 2-Fluorobiphenyl
 Concen: 13.817 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108211.D
 Acq: 16 Aug 2018 22:41

Tgt Ion:172 Resp: 245647
 Ion Ratio Lower Upper
 172 100
 171 34.4 29.7 44.5
 170 22.7 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

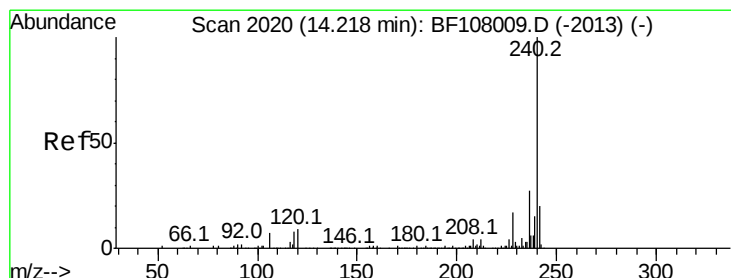
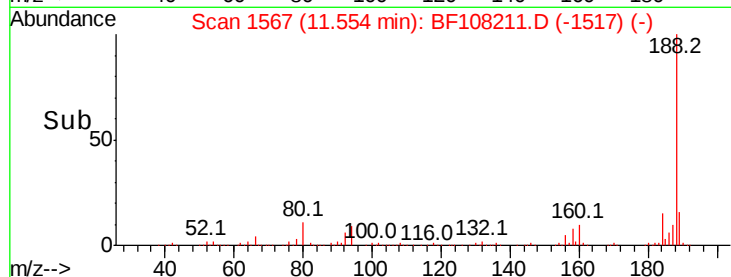
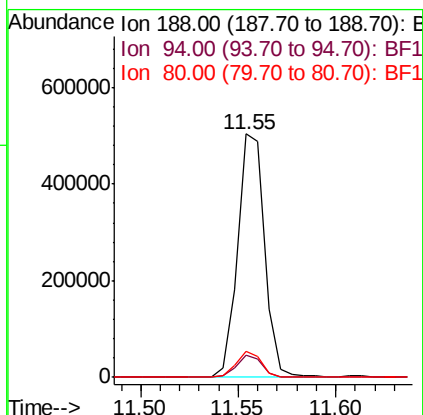
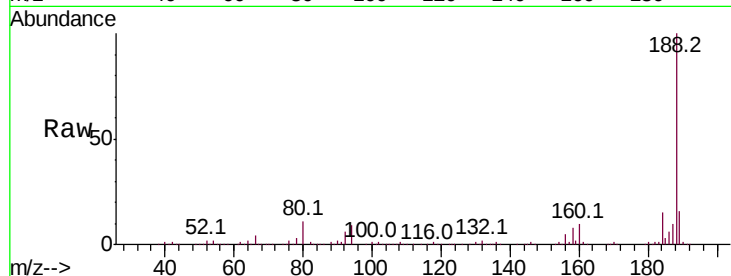




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF108211.D
Acq: 16 Aug 2018 22:41

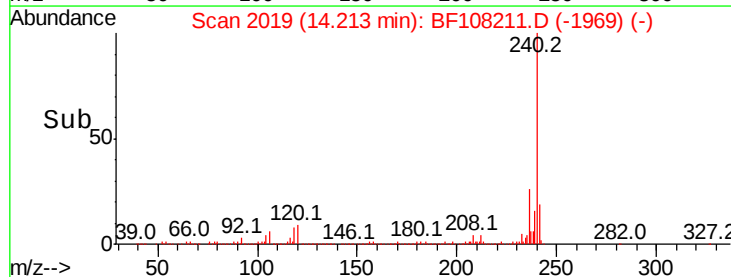
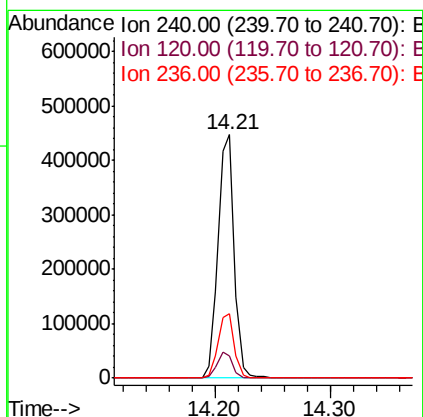
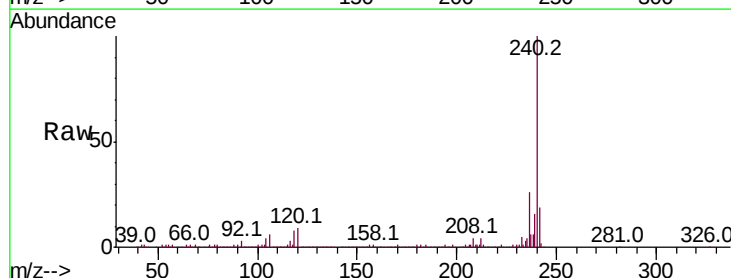
Instrument :
BNA_F
ClientSampleId :
LSB-06(0-1)

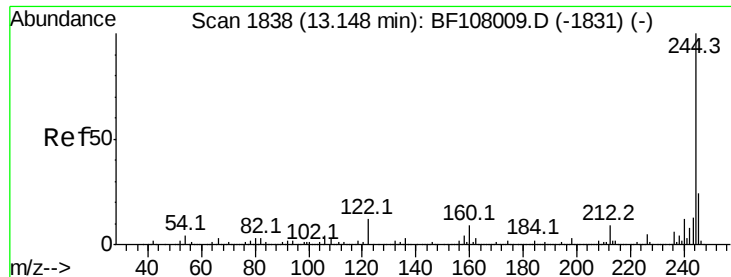
Tot Ion:188 Resp: 482132
Ion Ratio Lower Upper
188 100
94 9.3 8.5 12.7
80 10.7 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.21 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF108211.D
Acq: 16 Aug 2018 22:41

Tgt Ion:240 Resp: 433916
Ion Ratio Lower Upper
240 100
120 9.1 9.5 14.3#
236 26.4 20.7 31.1





#78

Terphenyl-d14

Concen: 12.748 ng

RT: 13.14 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF108211.D

Acq: 16 Aug 2018 22:41

Instrument :

BNA_F

ClientSampleId :

LSB-06(0-1)

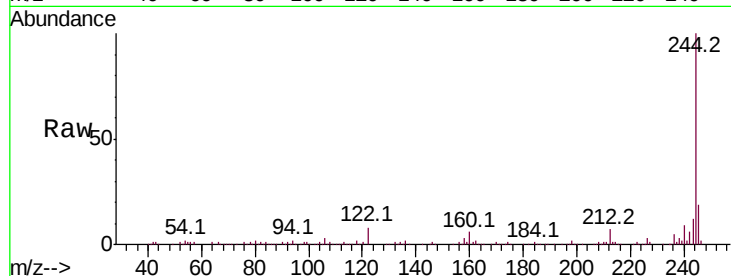
Tot Ion:244 Resp: 217560

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

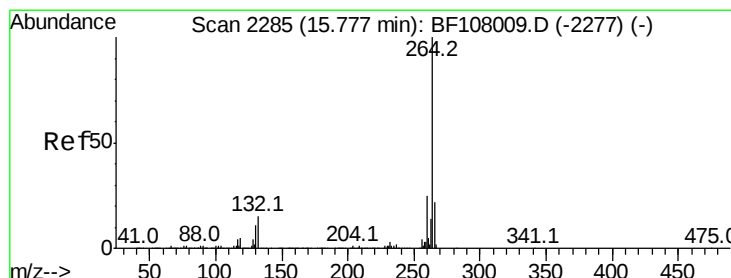
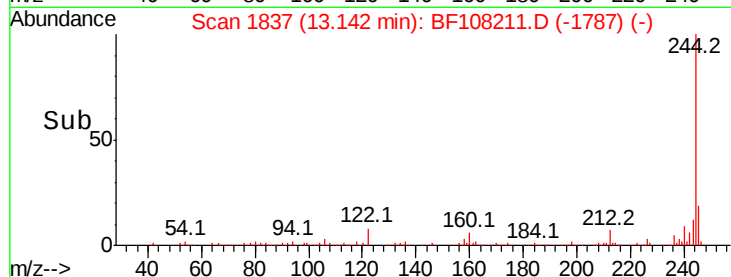
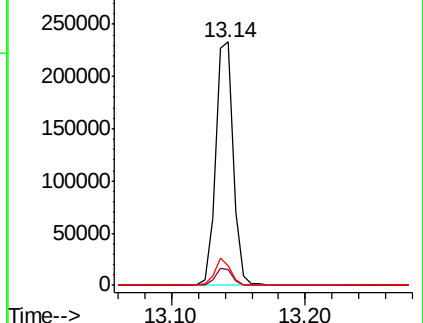
122 8.2 11.0 16.4#



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: 15.77 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BF108211.D

Acq: 16 Aug 2018 22:41

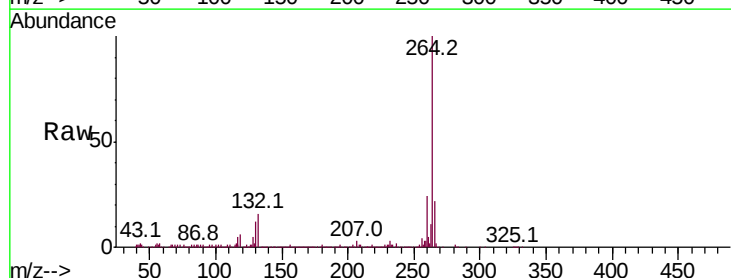
Tgt Ion:264 Resp: 340565

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.9 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

