

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
 Data File : BF109832.D
 Acq On : 12 Oct 2018 14:32
 Operator : JU/SJ
 Sample : PB113692BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB113692BL

Quant Time: Oct 12 15:31:06 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	87762	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	388966	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	193581	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	409229	20.00	ng	0.00
75) Chrysene-d12	13.83	240	328695	20.00	ng	0.00
86) Perylene-d12	15.23	264	268644	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	464978	94.04	ng	0.00
7) Phenol-d6	6.34	99	667550	101.07	ng	-0.02
23) Nitrobenzene-d5	7.26	82	446052	63.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	197849	93.80	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	885941	63.03	ng	0.00
78) Terphenyl-d14	12.78	244	918512	54.10	ng	0.00

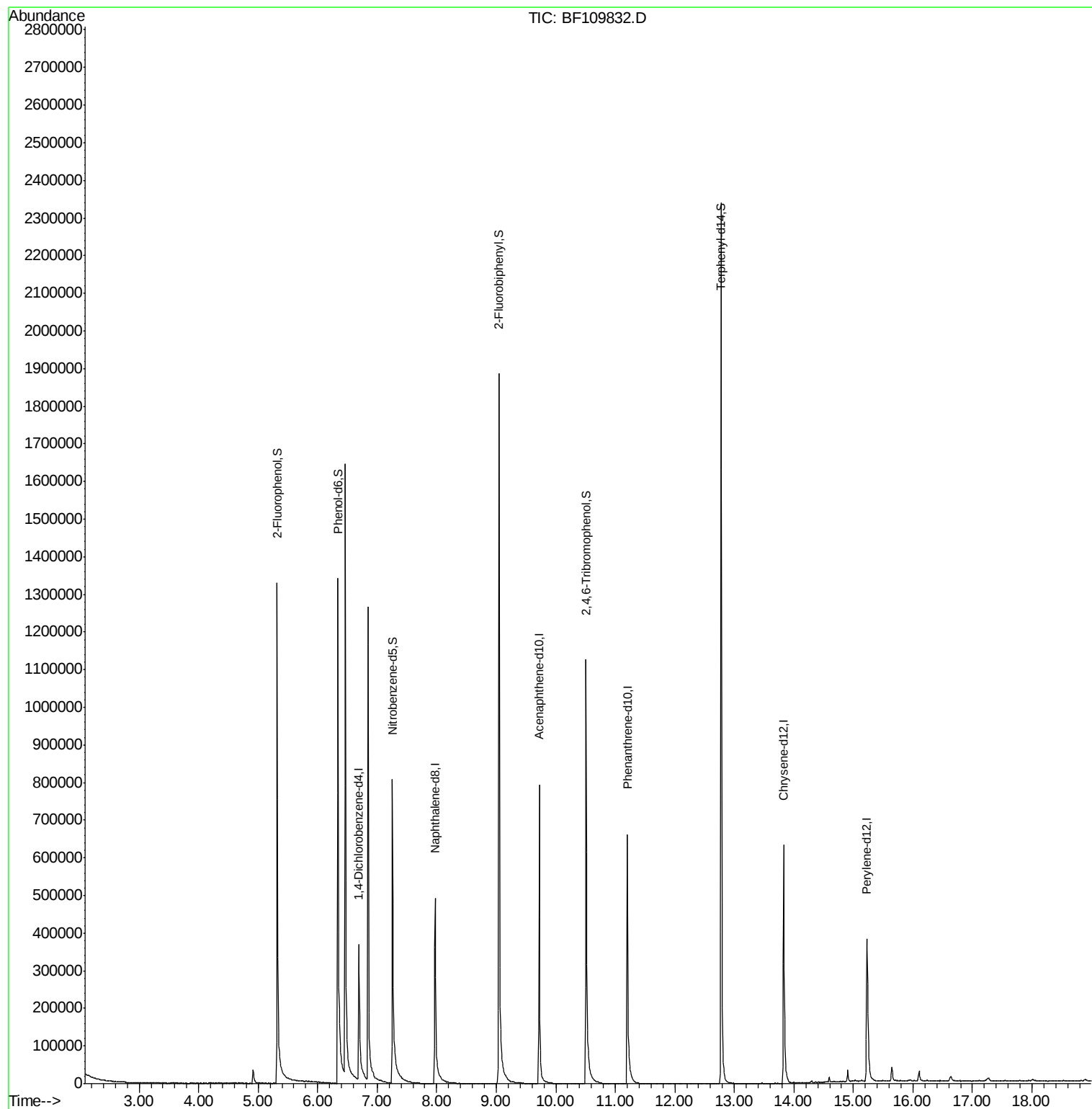
Target Compounds Qvalue

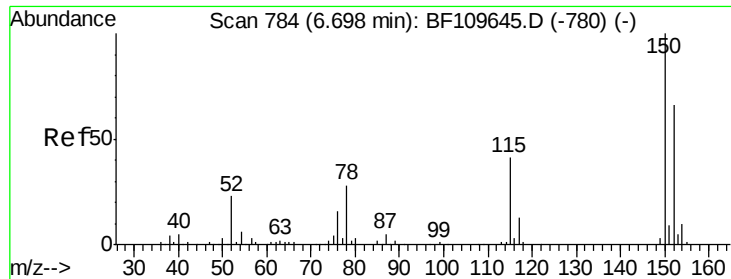
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
Data File : BF109832.D
Acq On : 12 Oct 2018 14:32
Operator : JU/SJ
Sample : PB113692BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB113692BL

Quant Time: Oct 12 15:31:06 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



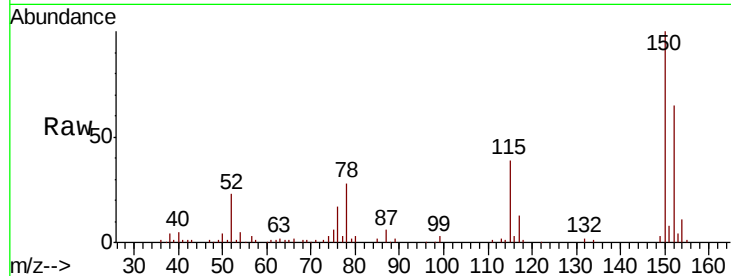


#1

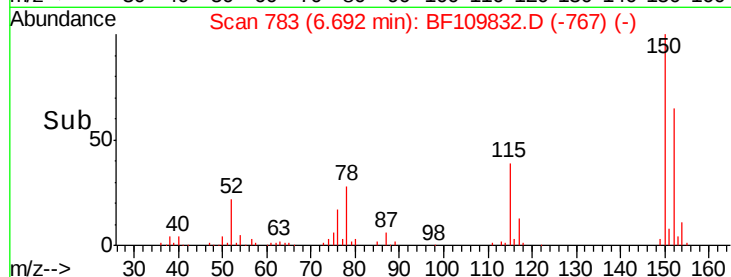
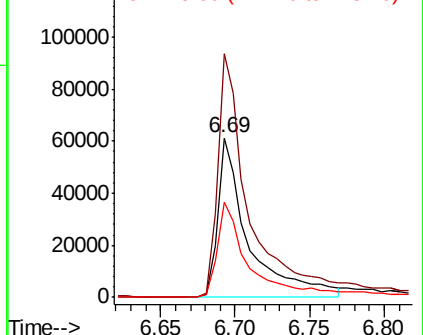
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109832.D
Acq: 12 Oct 2018 14:32

Instrument :
BNA_F
ClientSampleId :
PB113692BL

Tot Ion:152 Resp: 87762
Ion Ratio Lower Upper
152 100
150 152.9 122.7 184.1
115 59.8 49.1 73.7



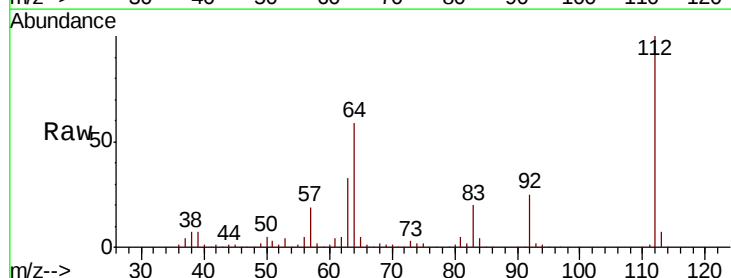
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



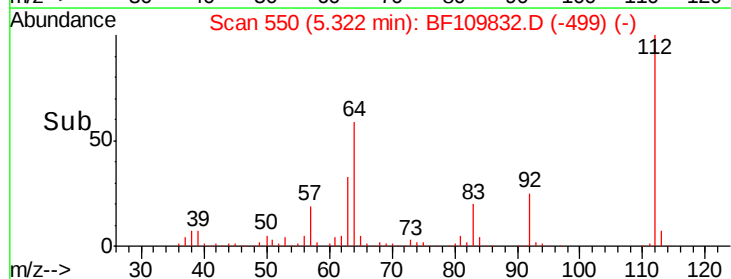
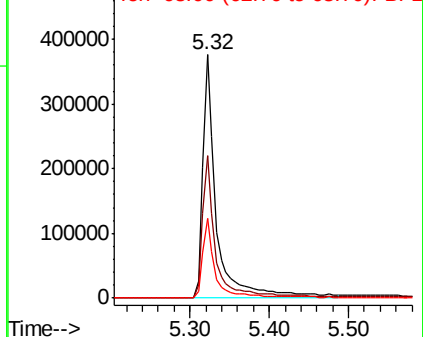
#5

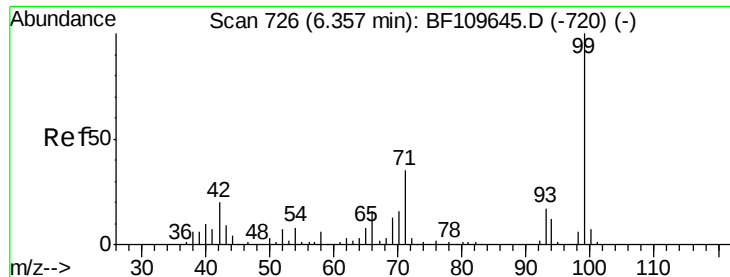
2-Fluorophenol
Concen: 94.044 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF109832.D
Acq: 12 Oct 2018 14:32

Tgt Ion:112 Resp: 464978
Ion Ratio Lower Upper
112 100
64 58.7 44.1 66.1
63 32.9 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: 101.068 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109832.D

Acq: 12 Oct 2018 14:32

Instrument :

BNA_F

ClientSampleId :

PB113692BL

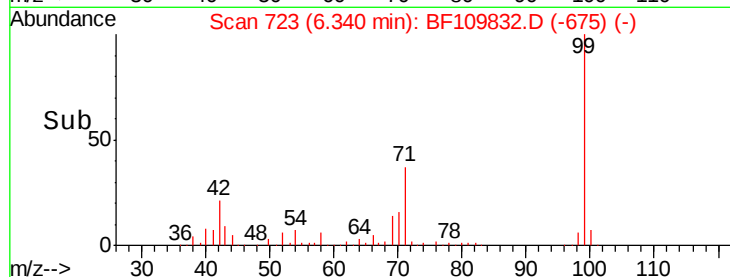
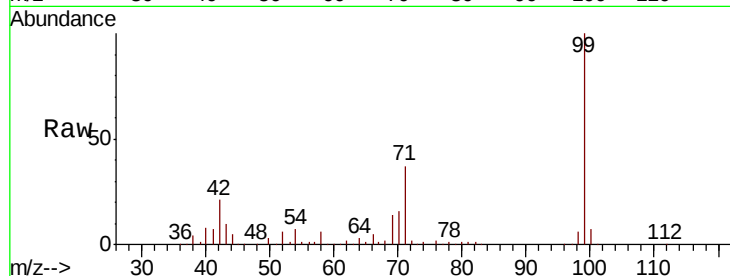
Tot Ion: 99 Resp: 667550

Ion Ratio Lower Upper

99 100

42 20.5 15.8 23.6

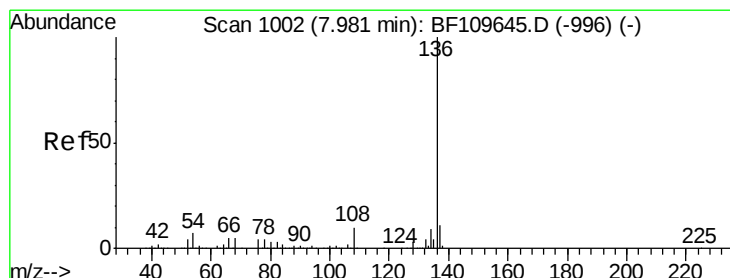
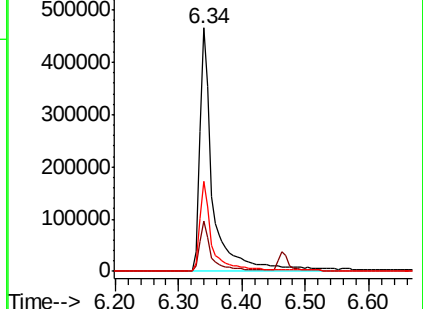
71 37.2 28.0 42.0



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: BF109832.D

Acq: 12 Oct 2018 14:32

Tgt Ion: 136 Resp: 388966

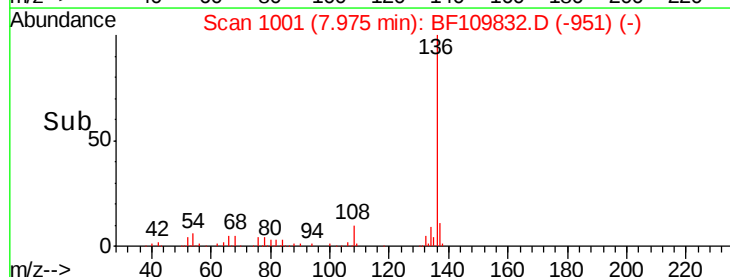
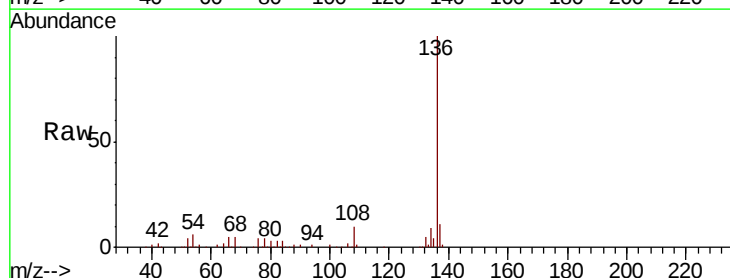
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 6.5 5.4 8.2

68 5.2 4.2 6.2

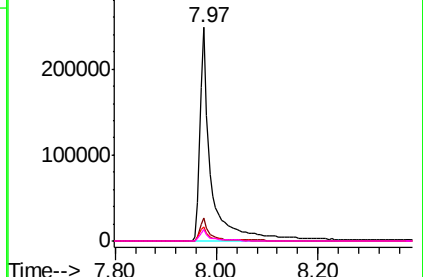


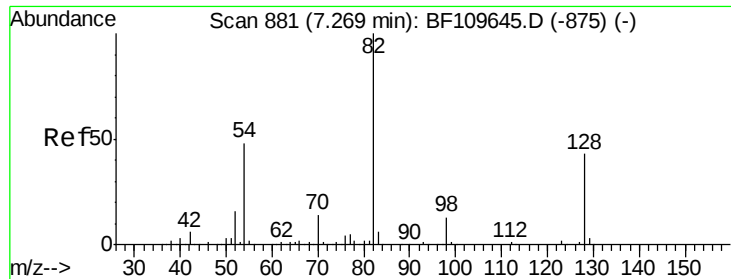
Abundance Ion 136.00 (135.70 to 136.70): E

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

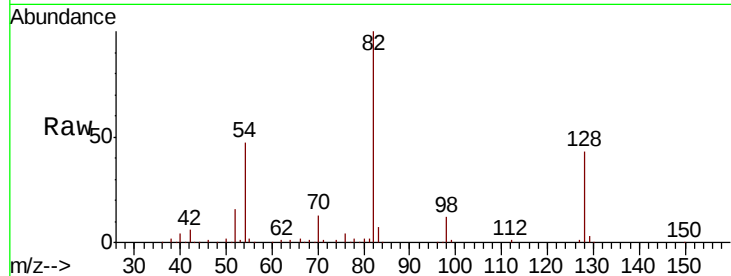




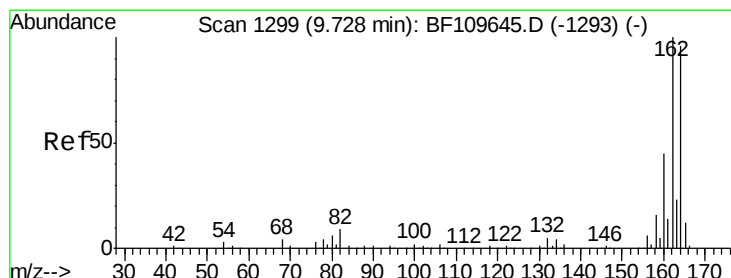
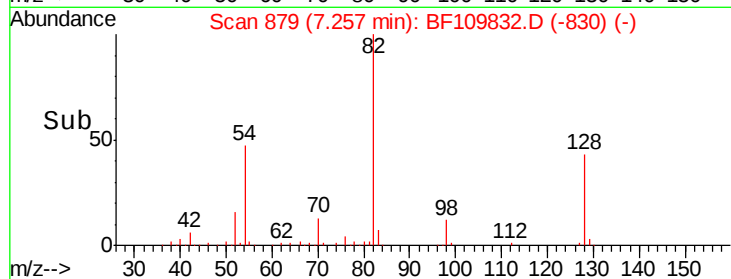
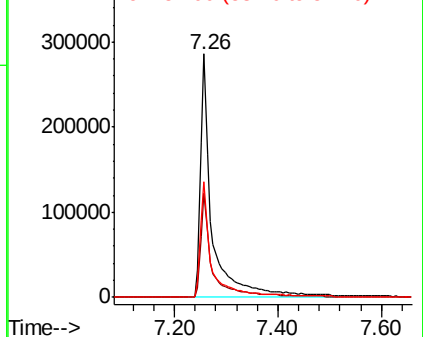
#23
 Nitrobenzene-d5
 Concen: 63.214 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF109832.D
 Acq: 12 Oct 2018 14:32

Instrument :
 BNA_F
 ClientSampleId :
 PB113692BL

Tot Ion	82	Resp	446052
Ion Ratio	Lower	Upper	
82	100		
128	42.9	34.2	51.2
54	47.2	38.6	58.0

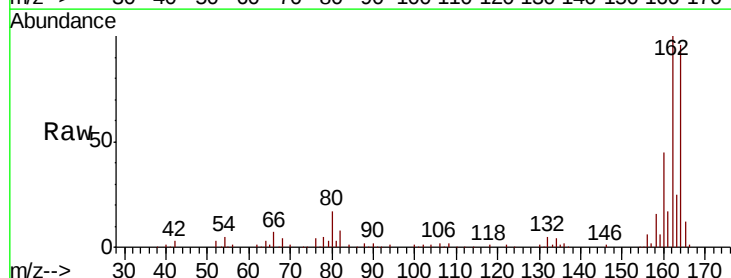


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

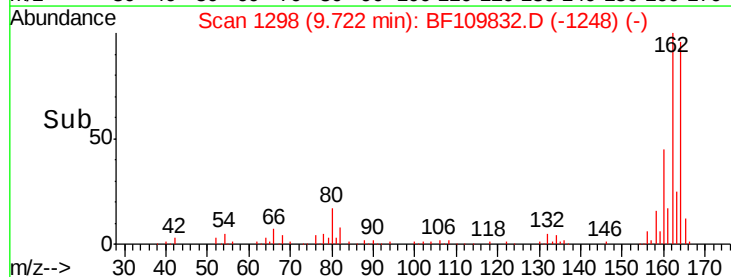
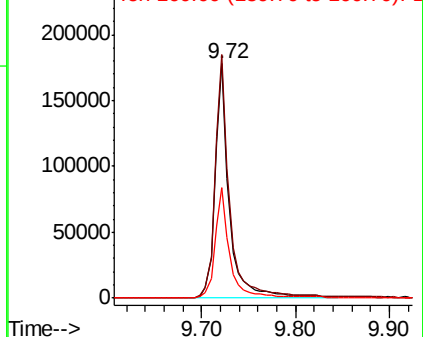


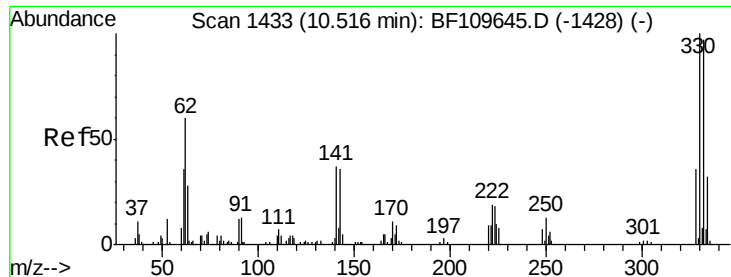
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109832.D
 Acq: 12 Oct 2018 14:32

Tgt Ion	164	Resp	193581
Ion Ratio	Lower	Upper	
164	100		
162	103.9	83.0	124.6
160	47.2	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

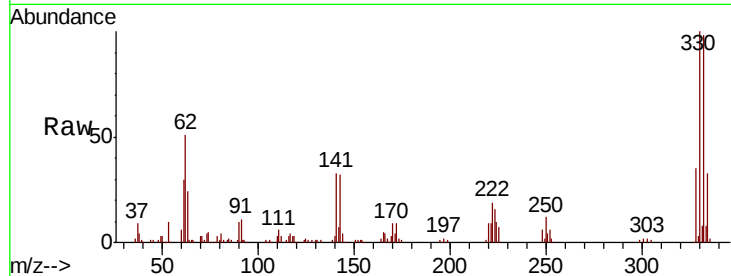




#41
 2,4,6-Tribromophenol
 Concen: 93.800 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109832.D
 Acq: 12 Oct 2018 14:32

Instrument :
 BNA_F
 ClientSampleId :
 PB113692BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.1	115.7
141	34.5	27.0	40.4

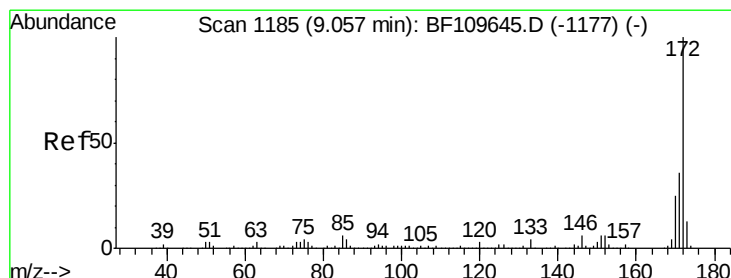
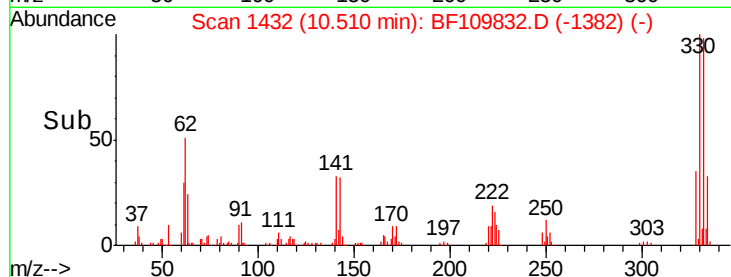
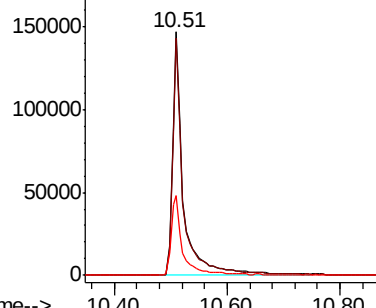


Abundance

Ion 329.80 (329.50 to 330.50): E

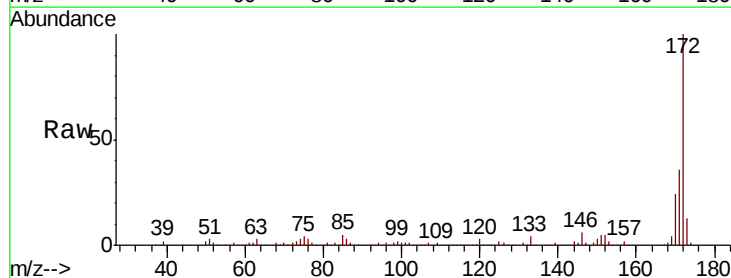
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 63.031 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109832.D
 Acq: 12 Oct 2018 14:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	24.0	19.7	29.5

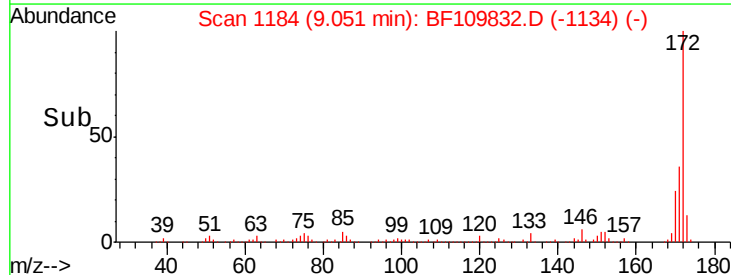
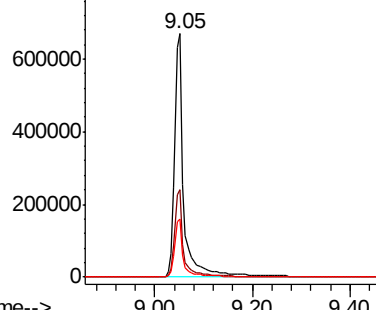


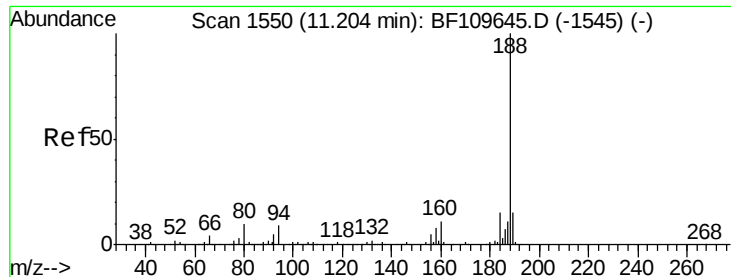
Abundance

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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.20 min Scan# 1550

Delta R.T. 0.00 min

Lab File: BF109832.D

Acq: 12 Oct 2018 14:32

Instrument :

BNA_F

ClientSampleId :

PB113692BL

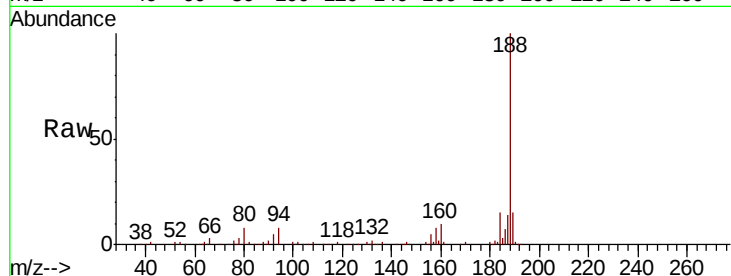
Tot Ion:188 Resp: 409229

Ion Ratio Lower Upper

188 100

94 8.2 7.2 10.8

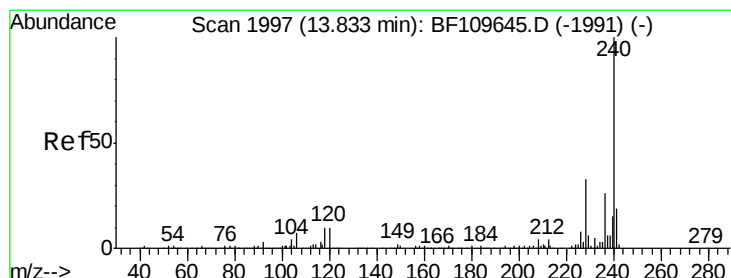
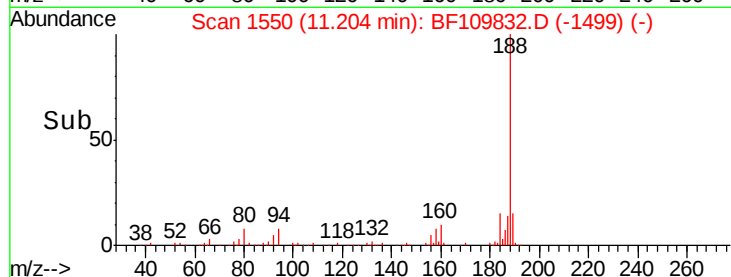
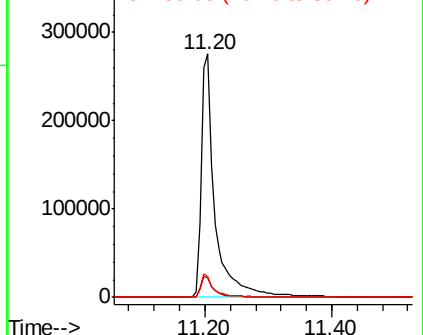
80 8.4 7.9 11.9



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: BF109832.D

Acq: 12 Oct 2018 14:32

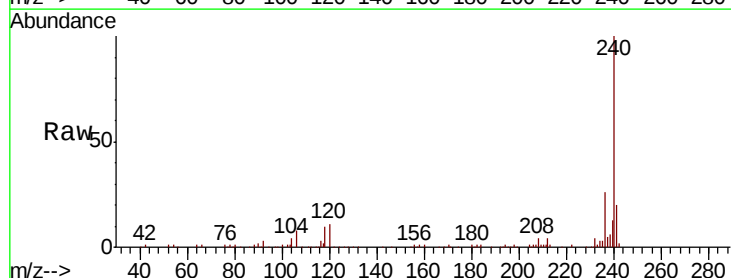
Tgt Ion:240 Resp: 328695

Ion Ratio Lower Upper

240 100

120 11.1 8.3 12.5

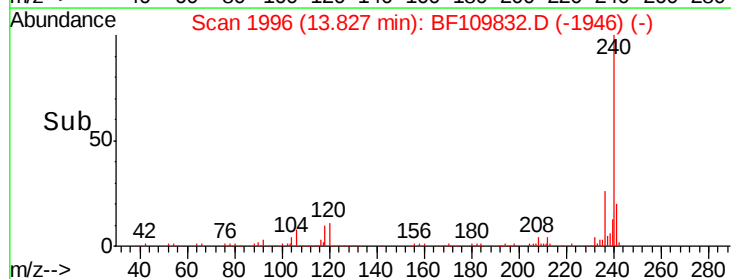
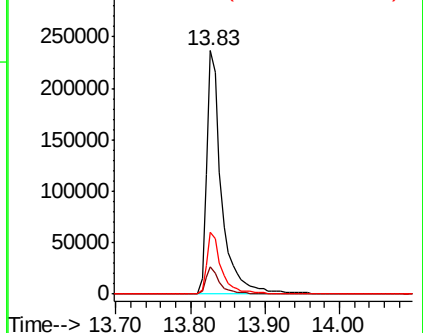
236 25.5 21.2 31.8

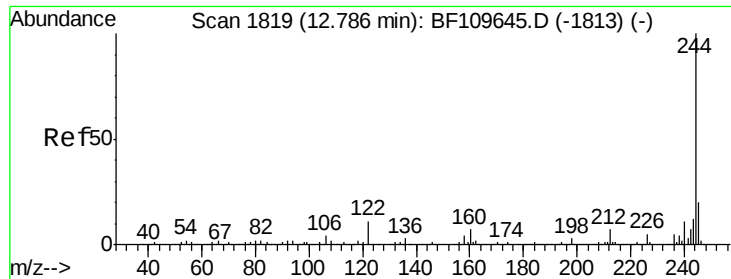


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 54.095 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109832.D

Acq: 12 Oct 2018 14:32

Instrument :

BNA_F

ClientSampleId :

PB113692BL

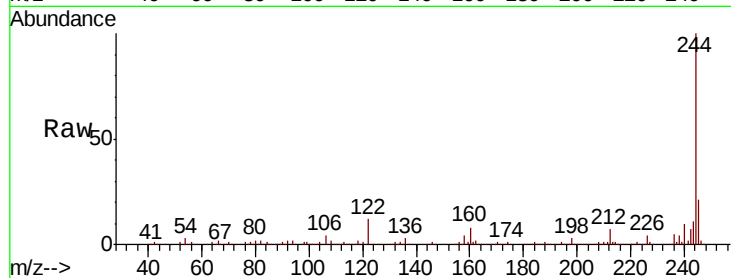
Tot Ion:244 Resp: 918512

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

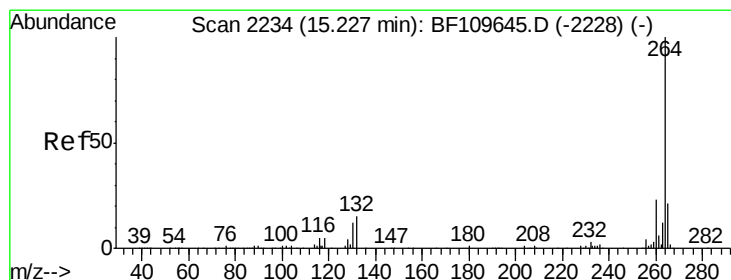
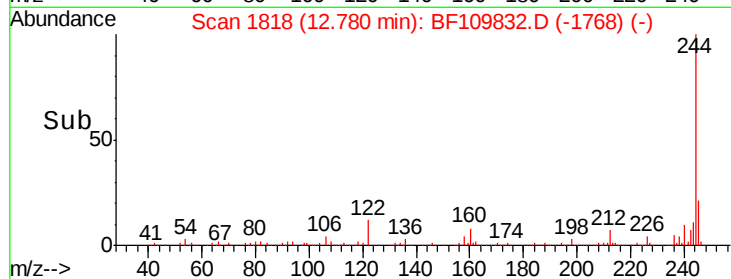
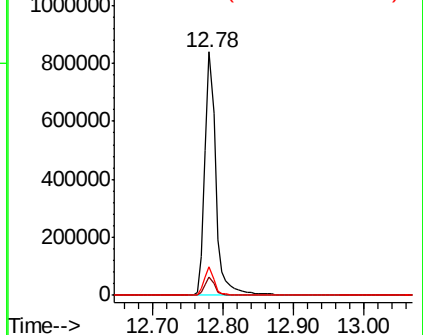
122 11.9 8.7 13.1



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

Perylene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2234

Delta R.T. 0.00 min

Lab File: BF109832.D

Acq: 12 Oct 2018 14:32

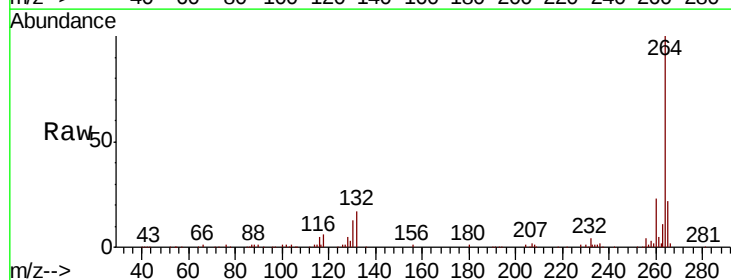
Tgt Ion:264 Resp: 268644

Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

265 21.5 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

