

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
 Data File : BF109828.D
 Acq On : 12 Oct 2018 12:45
 Operator : JU/SJ
 Sample : PB113657BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB113657BL

Quant Time: Oct 12 13:17:21 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	86781	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	368444	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	189232	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	400340	20.00	ng	0.00
75) Chrysene-d12	13.83	240	328605	20.00	ng	0.00
86) Perylene-d12	15.23	264	273532	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	495639	101.38	ng	0.00
7) Phenol-d6	6.34	99	724975	111.00	ng	-0.02
23) Nitrobenzene-d5	7.26	82	473766	70.88	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	216430	104.97	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	947074	68.93	ng	0.00
78) Terphenyl-d14	12.78	244	974390	57.40	ng	0.00

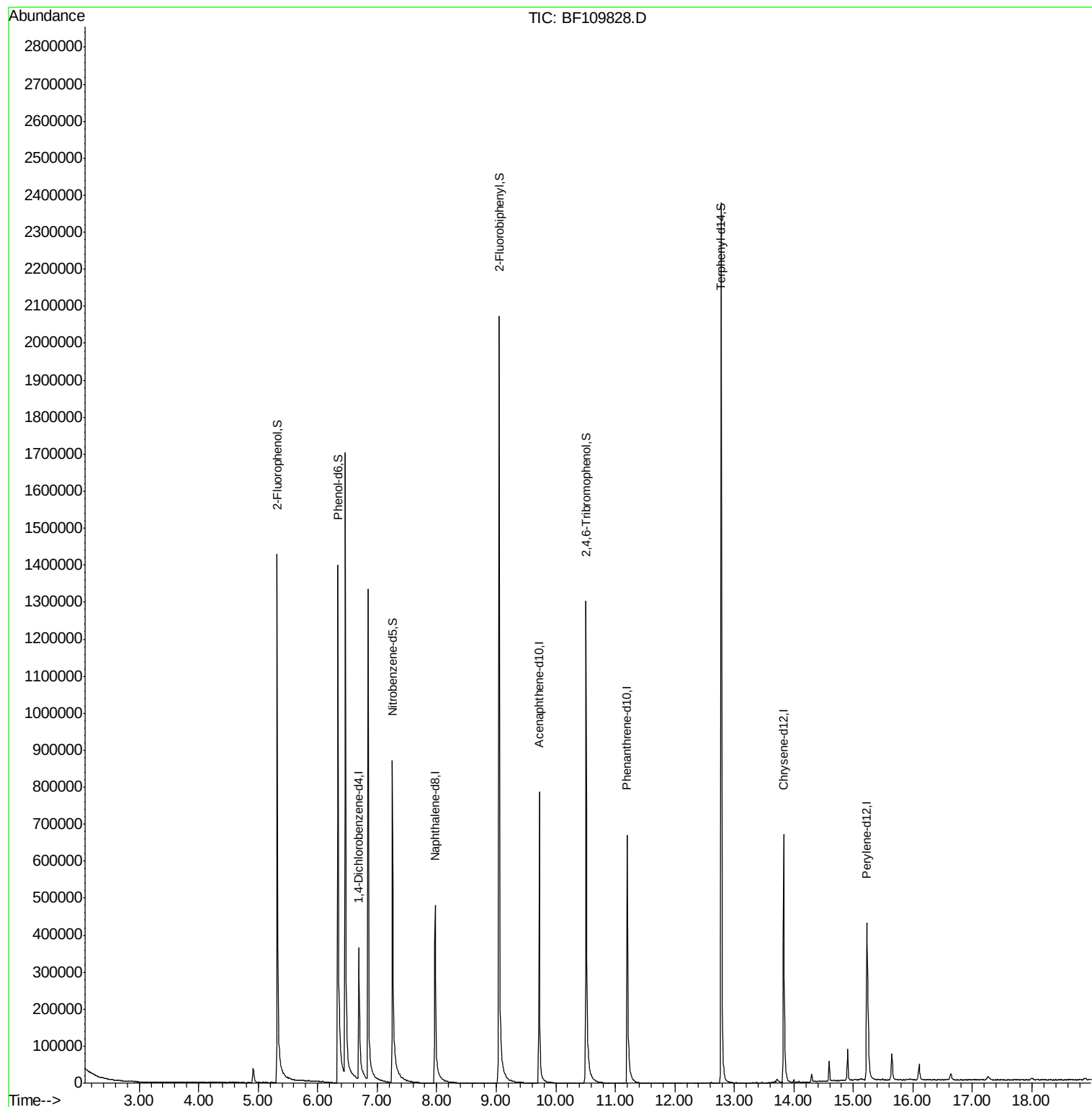
Target Compounds Qvalue

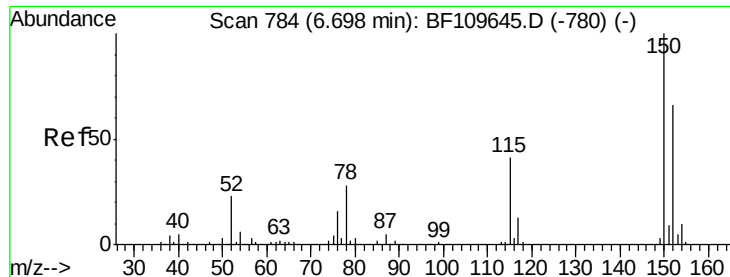
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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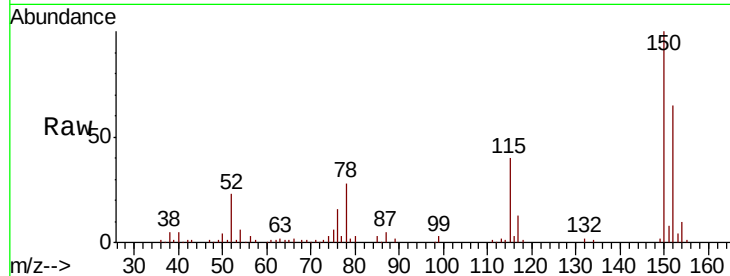


#1

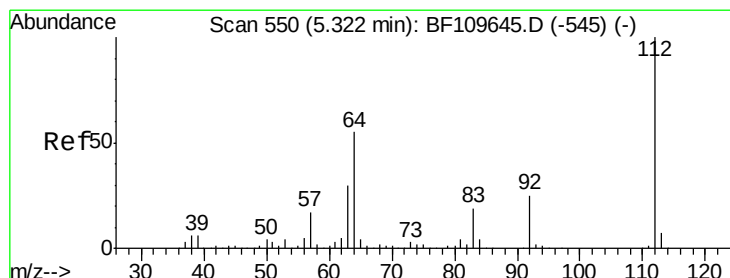
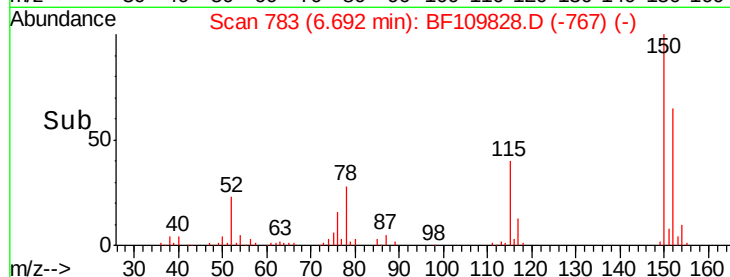
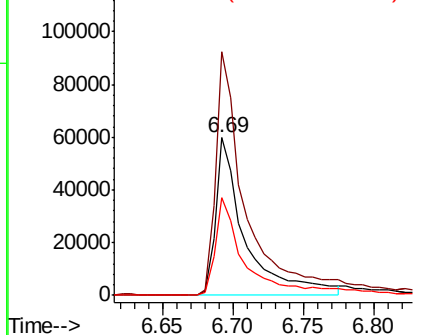
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109828.D
Acq: 12 Oct 2018 12:45

Instrument :
BNA_F
ClientSampleId :
PB113657BL

Tot Ion:152 Resp: 86781
Ion Ratio Lower Upper
152 100
150 154.8 122.7 184.1
115 62.5 49.1 73.7



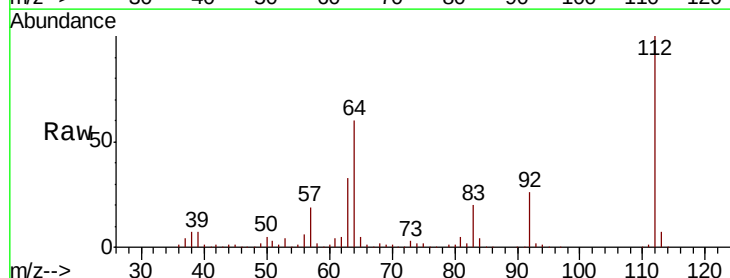
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



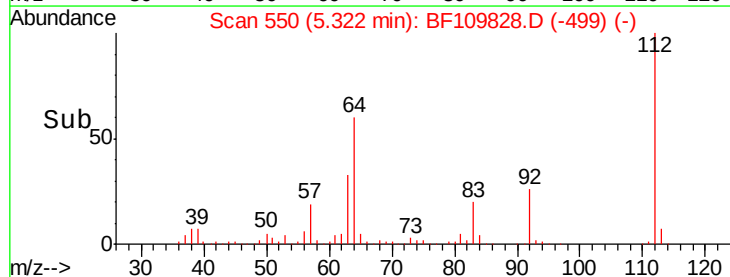
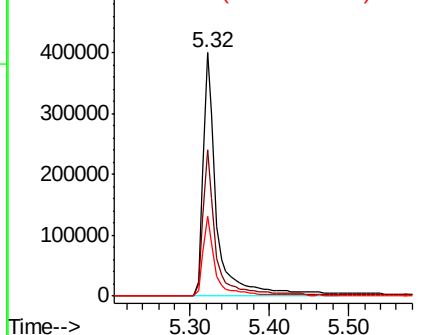
#5

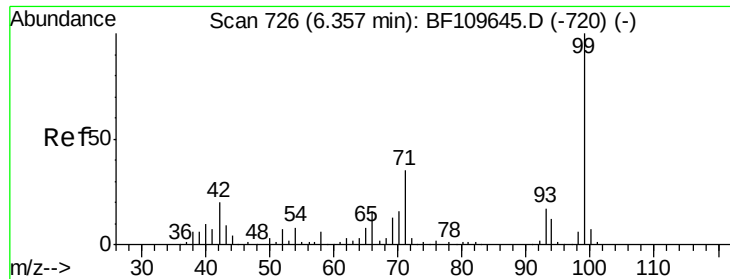
2-Fluorophenol
Concen: 101.379 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF109828.D
Acq: 12 Oct 2018 12:45

Tgt Ion:112 Resp: 495639
Ion Ratio Lower Upper
112 100
64 60.0 44.1 66.1
63 32.6 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: 111.003 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109828.D

Acq: 12 Oct 2018 12:45

Instrument :

BNA_F

ClientSampleId :

PB113657BL

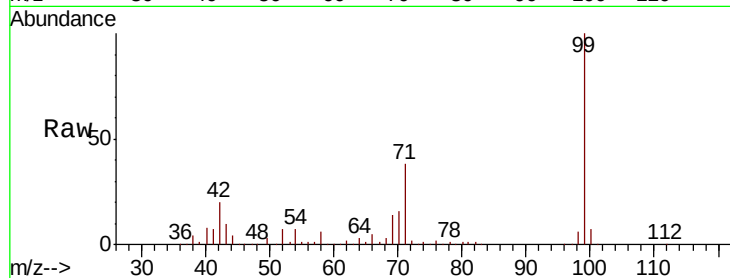
Tot Ion: 99 Resp: 724975

Ion Ratio Lower Upper

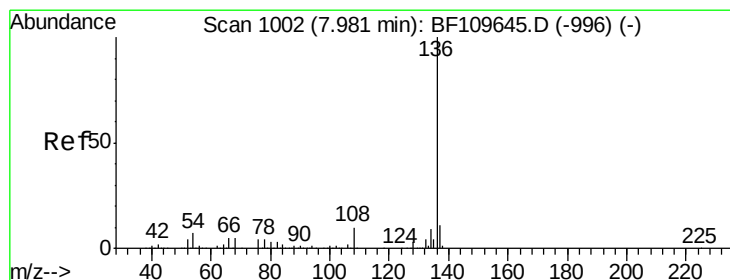
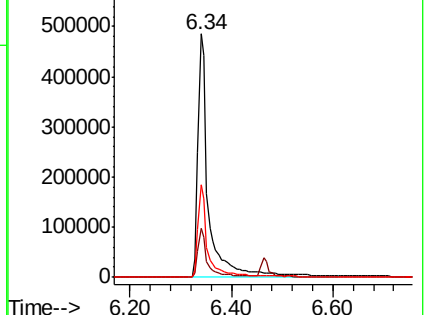
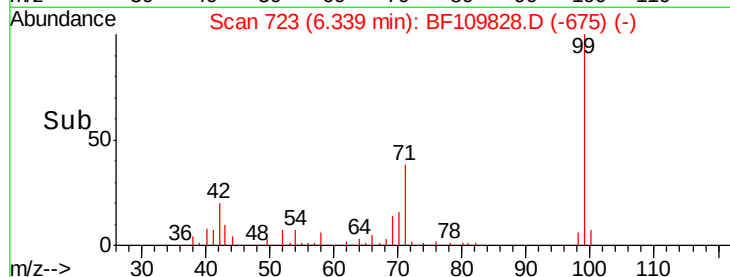
99 100

42 20.2 15.8 23.6

71 37.8 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: BF109828.D

Acq: 12 Oct 2018 12:45

Tgt Ion: 136 Resp: 368444

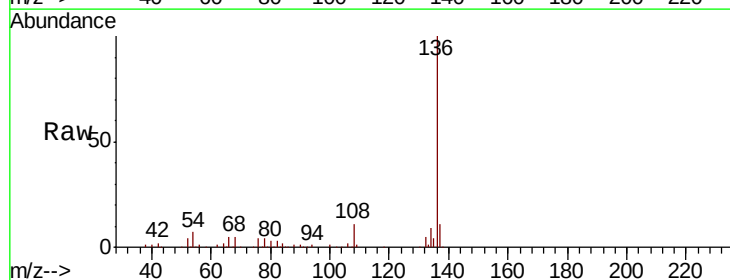
Ion Ratio Lower Upper

136 100

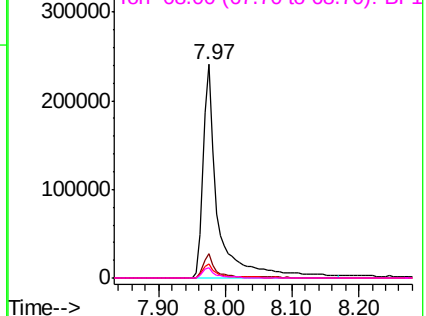
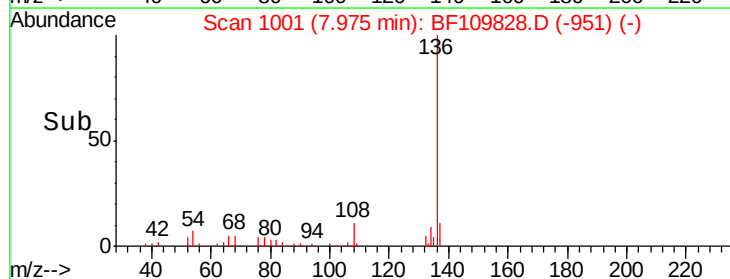
137 11.3 8.8 13.2

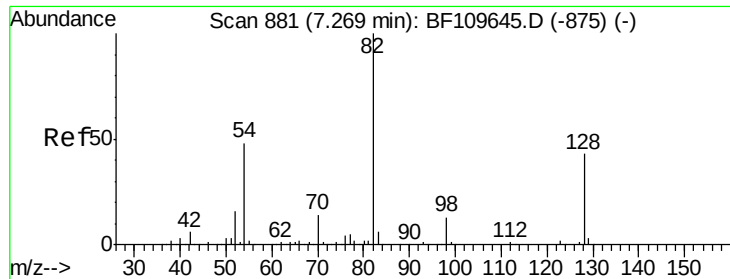
54 6.8 5.4 8.2

68 5.1 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

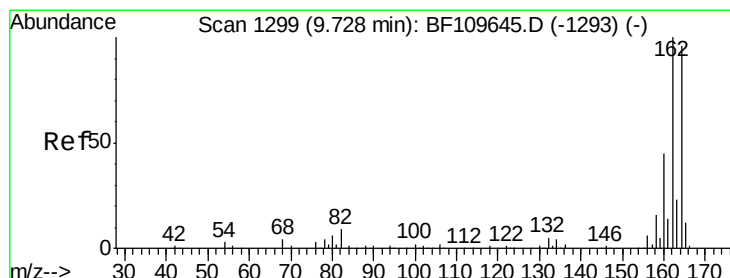
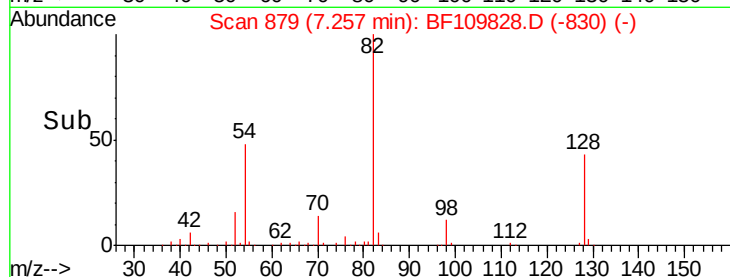
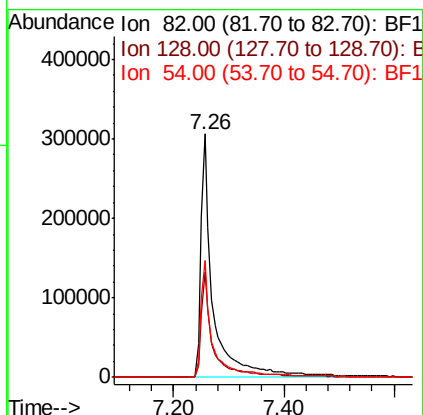
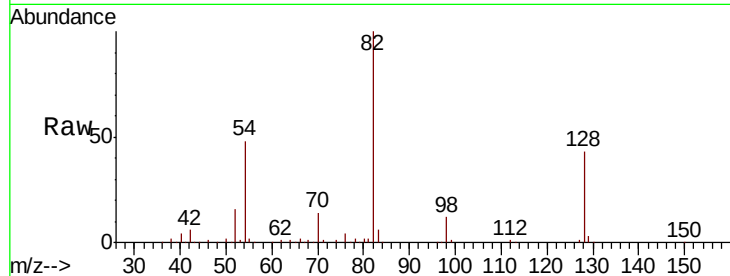




#23
 Nitrobenzene-d5
 Concen: 70.881 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF109828.D
 Acq: 12 Oct 2018 12:45

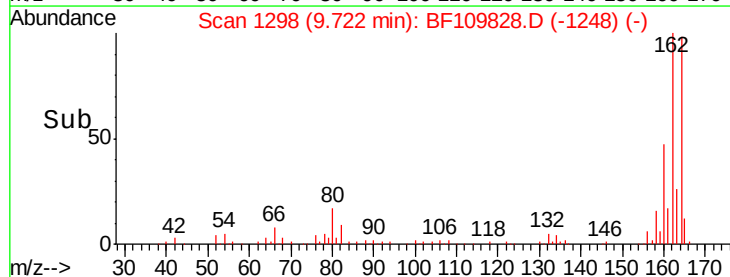
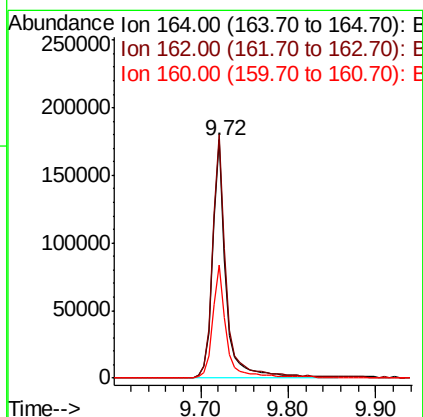
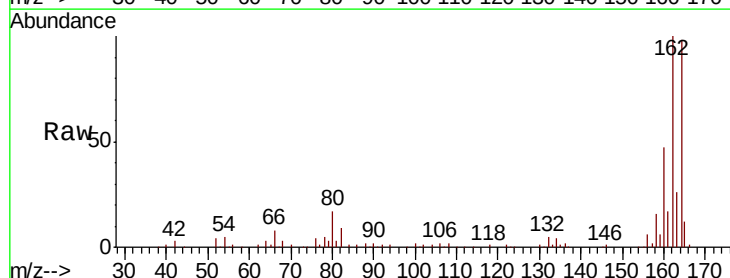
Instrument :
 BNA_F
 ClientSampled :
 PB113657BL

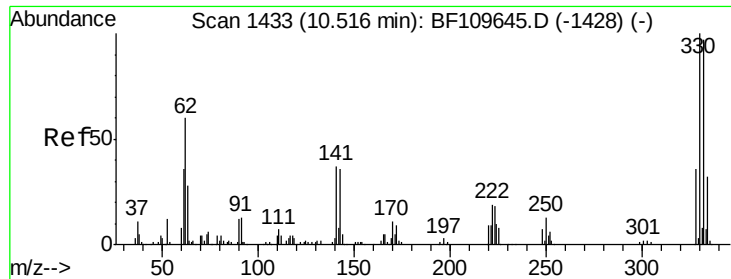
Tot Ion	82	Resp	473766
Ion Ratio	Lower	Upper	
82	100		
128	43.3	34.2	51.2
54	48.0	38.6	58.0



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109828.D
 Acq: 12 Oct 2018 12:45

Tgt Ion	164	Resp	189232
Ion Ratio	Lower	Upper	
164	100		
162	102.2	83.0	124.6
160	47.6	37.0	55.6

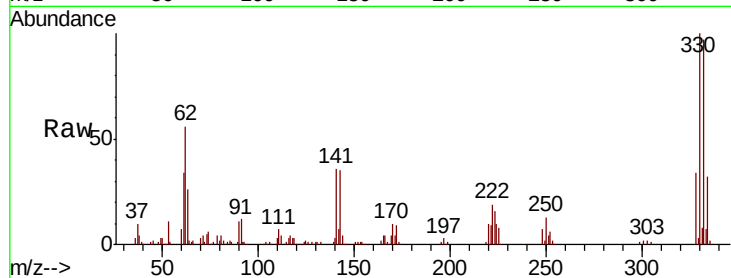




#41
 2,4,6-Tribromophenol
 Concen: 104.967 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109828.D
 Acq: 12 Oct 2018 12:45

Instrument :
 BNA_F
 ClientSampled :
 PB113657BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.1	115.7
141	35.1	27.0	40.4

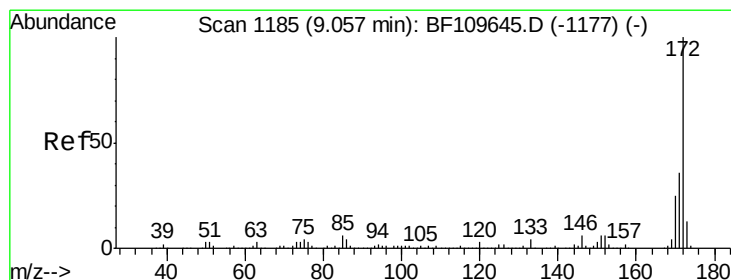
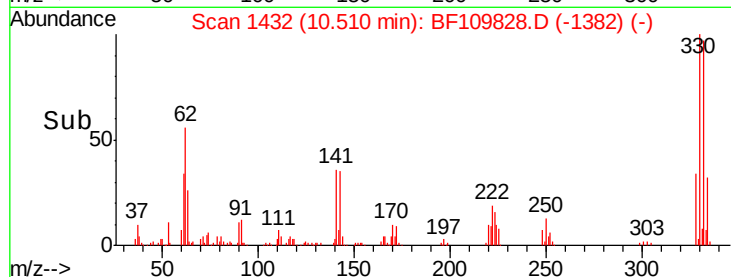
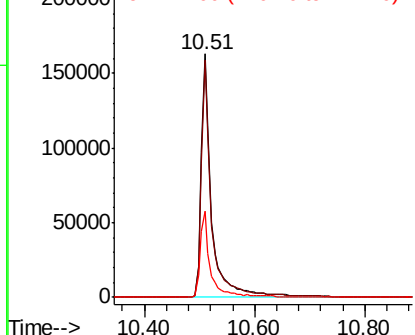


Abundance

Ion 329.80 (329.50 to 330.50): E

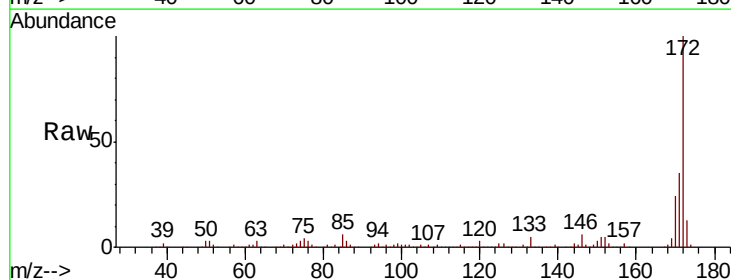
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 68.929 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109828.D
 Acq: 12 Oct 2018 12:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	43.0
170	23.9	19.7	29.5

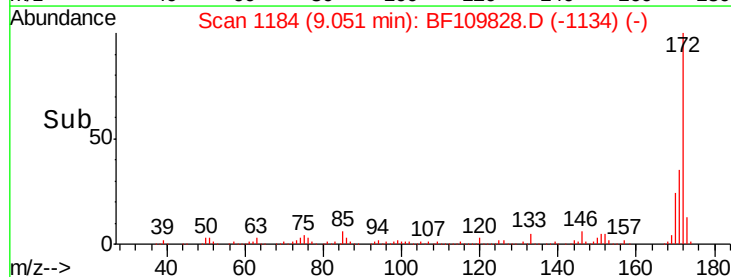
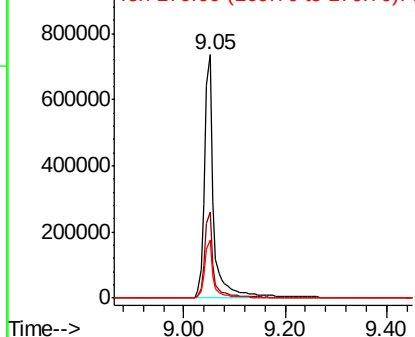


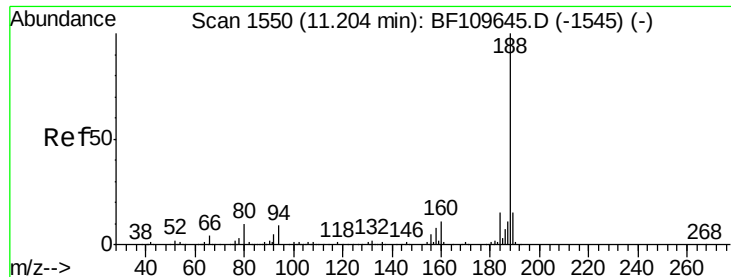
Abundance

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

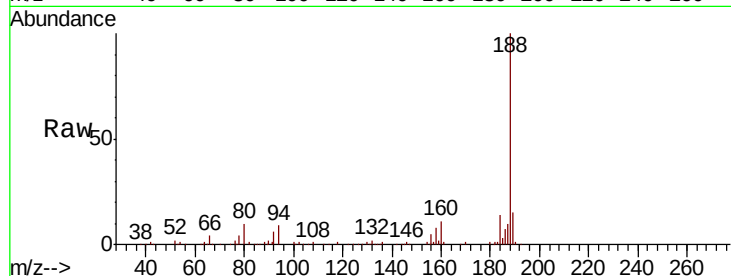




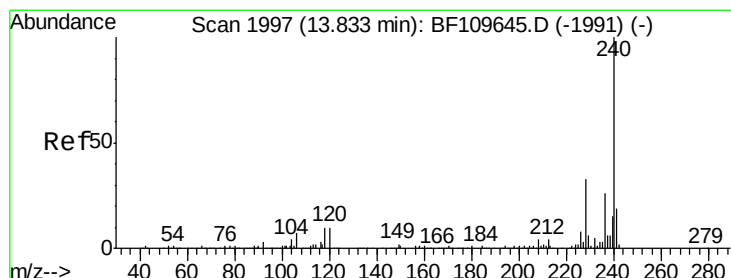
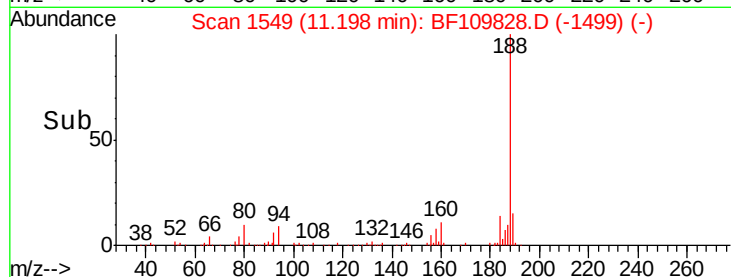
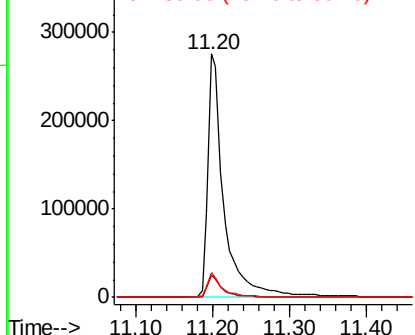
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109828.D
Acq: 12 Oct 2018 12:45

Instrument :
BNA_F
ClientSampleId :
PB113657BL

Tot Ion:188 Resp: 400340
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 10.1 7.9 11.9

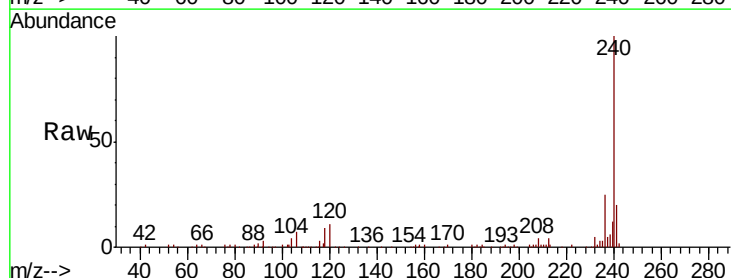


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

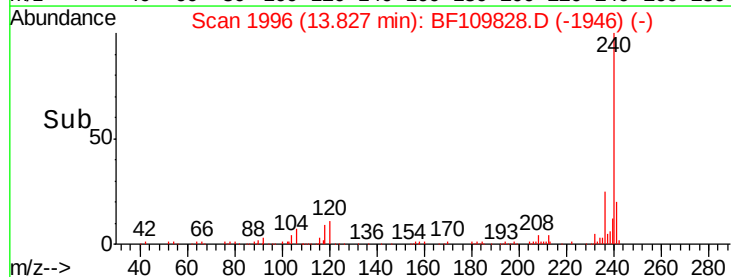
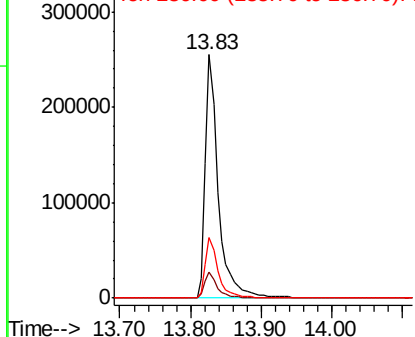


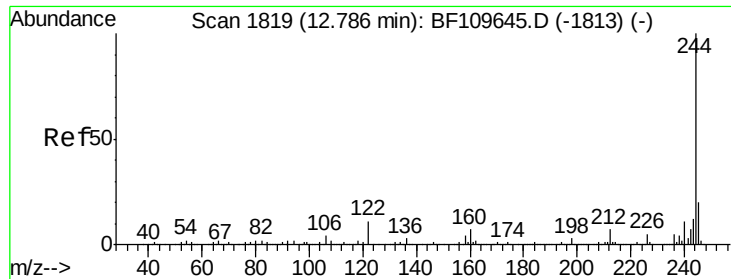
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109828.D
Acq: 12 Oct 2018 12:45

Tgt Ion:240 Resp: 328605
Ion Ratio Lower Upper
240 100
120 10.6 8.3 12.5
236 25.0 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: 57.402 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109828.D

Acq: 12 Oct 2018 12:45

Instrument :

BNA_F

ClientSampleId :

PB113657BL

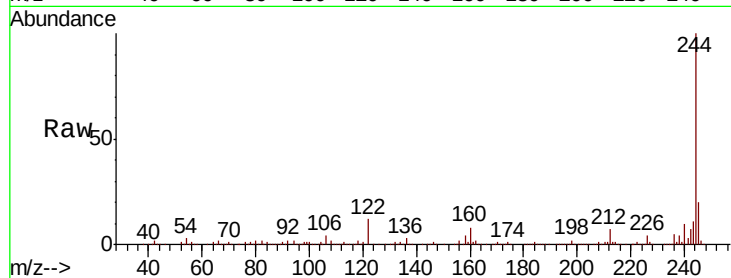
Tot Ion:244 Resp: 974390

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

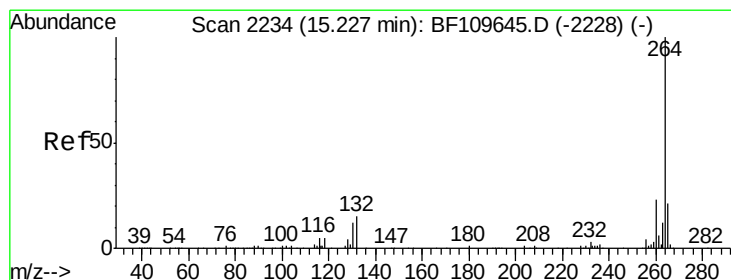
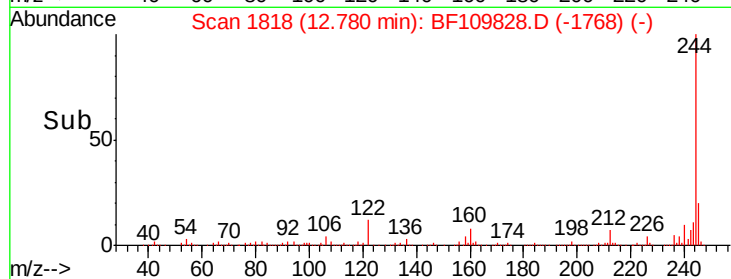
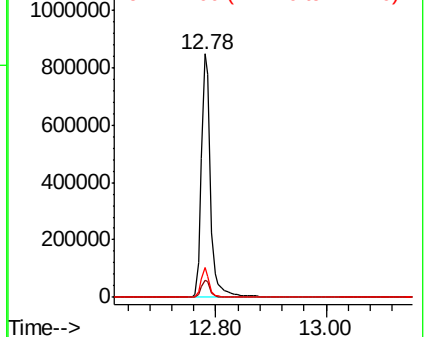
122 12.2 8.7 13.1



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

Perylene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2234

Delta R.T. -0.00 min

Lab File: BF109828.D

Acq: 12 Oct 2018 12:45

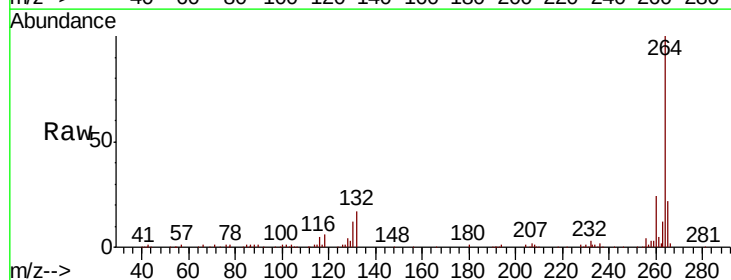
Tgt Ion:264 Resp: 273532

Ion Ratio Lower Upper

264 100

260 24.4 18.7 28.1

265 22.2 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

