

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\
 Data File : BF109693.D
 Acq On : 9 Oct 2018 14:22
 Operator : JU/SJ
 Sample : PB113605BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB113605BL

Quant Time: Oct 09 15:00:45 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	6.70	152	98390	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	433307	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	216310	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	445071	20.00	ng	0.00
75) Chrysene-d12	13.83	240	381347	20.00	ng	0.00
86) Perylene-d12	15.23	264	337802	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	583546	105.28	ng	0.00
7) Phenol-d6	6.35	99	850871	114.91	ng	-0.01
23) Nitrobenzene-d5	7.26	82	553145	70.37	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	248459	105.42	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1063642	67.72	ng	0.00
78) Terphenyl-d14	12.79	244	1119556	56.83	ng	0.00

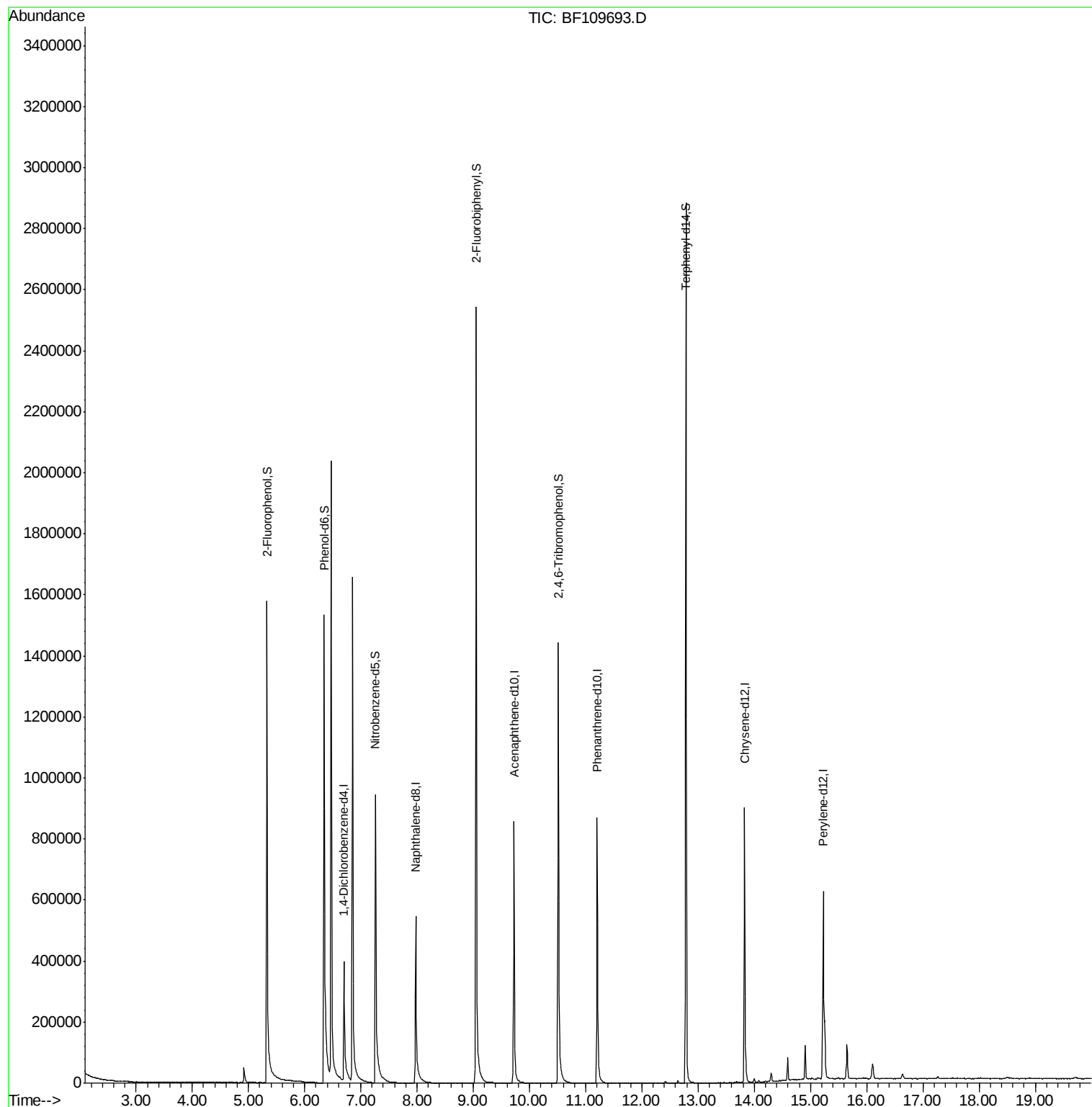
Target Compounds Qvalue

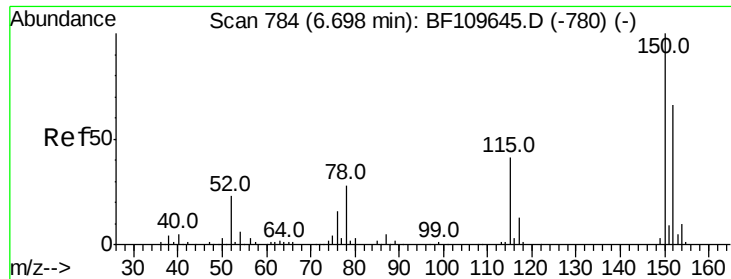
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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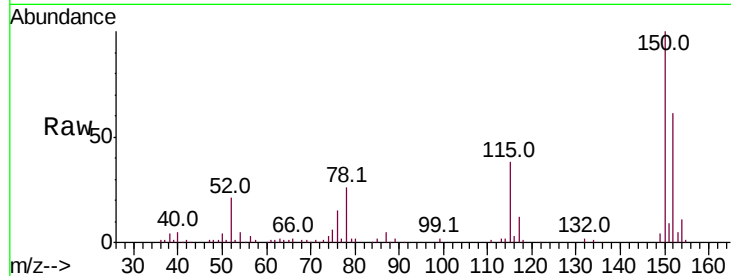


#1

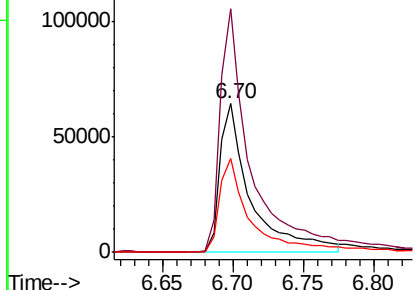
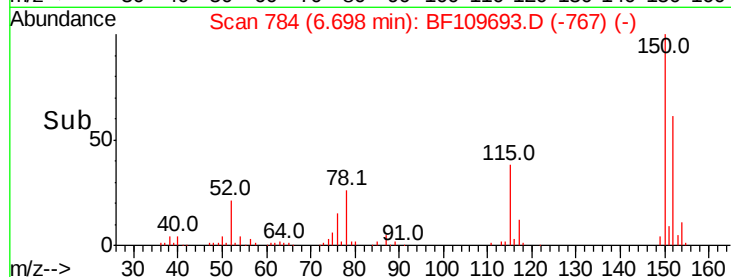
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF109693.D
 Acq: 9 Oct 2018 14:22

Instrument :
 BNA_F
 ClientSampleId :
 PB113605BL

Tot Ion:152 Resp: 98390
 Ion Ratio Lower Upper
 152 100
 150 163.7 122.7 184.1
 115 62.9 49.1 73.7



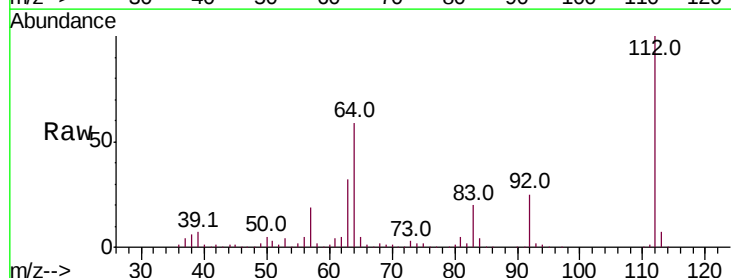
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



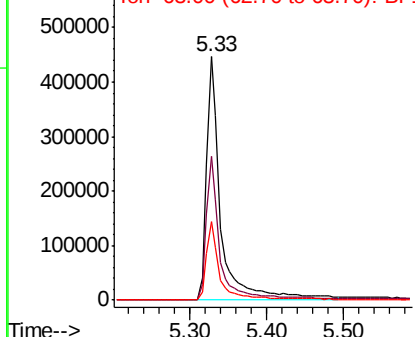
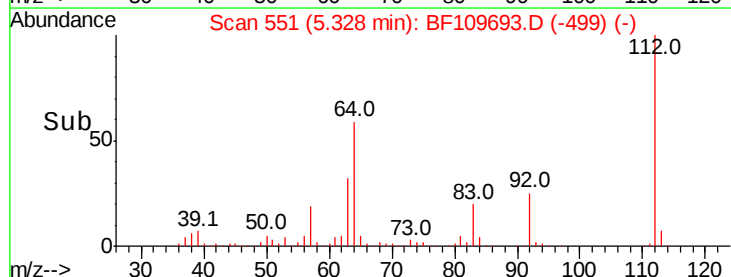
#5

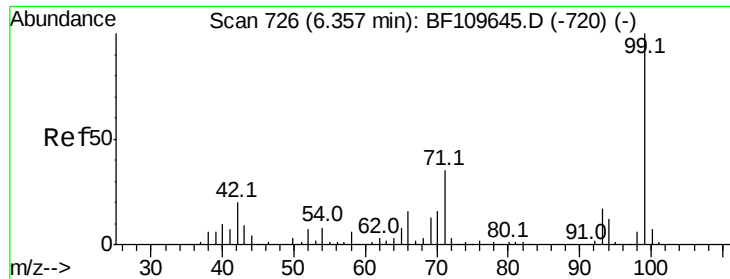
2-Fluorophenol
 Concen: 105.276 ng
 RT: 5.33 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: BF109693.D
 Acq: 9 Oct 2018 14:22

Tgt Ion:112 Resp: 583546
 Ion Ratio Lower Upper
 112 100
 64 59.0 44.1 66.1
 63 32.3 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: 114.908 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109693.D

Acq: 9 Oct 2018 14:22

Instrument :

BNA_F

ClientSampleId :

PB113605BL

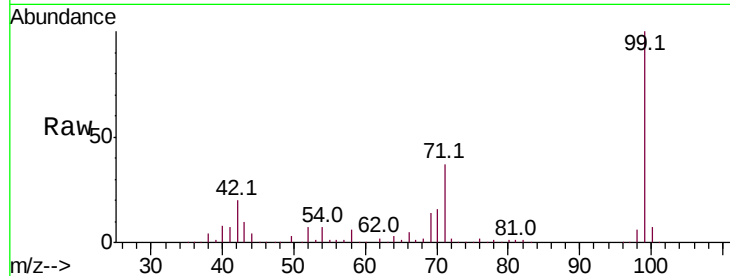
Tot Ion: 99 Resp: 850871

Ion Ratio Lower Upper

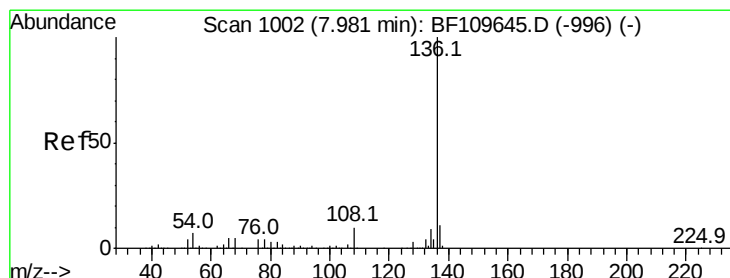
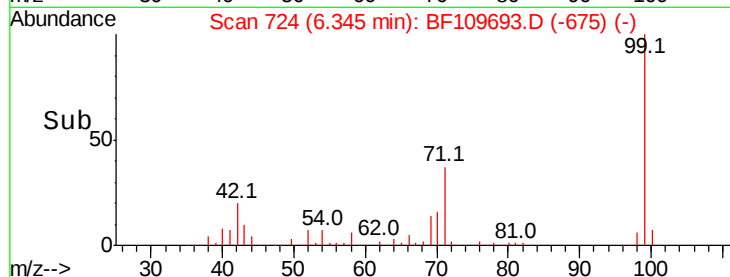
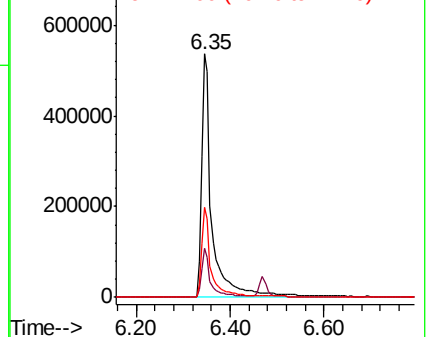
99 100

42 20.2 15.8 23.6

71 36.8 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: BF109693.D

Acq: 9 Oct 2018 14:22

Tgt Ion: 136 Resp: 433307

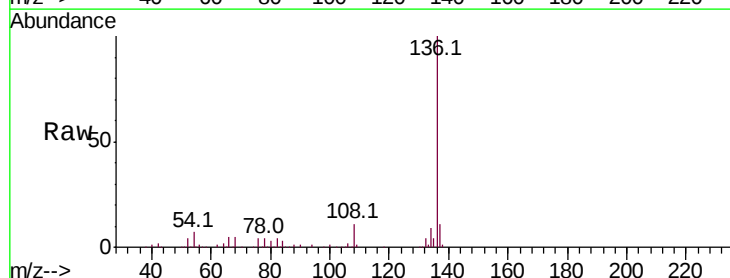
Ion Ratio Lower Upper

136 100

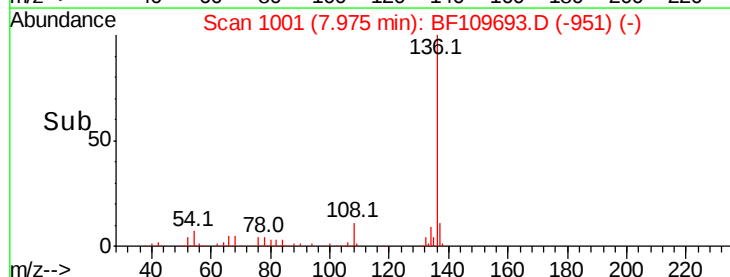
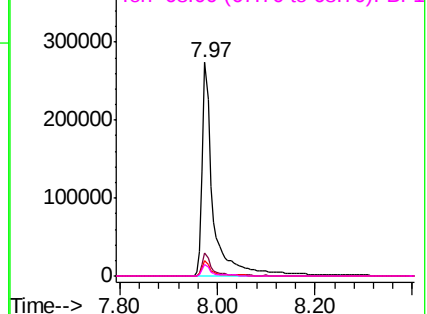
137 10.8 8.8 13.2

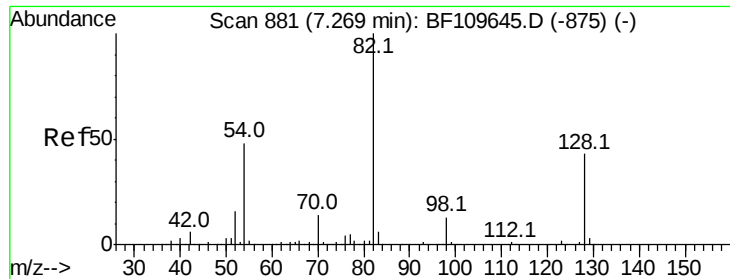
54 7.0 5.4 8.2

68 5.4 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

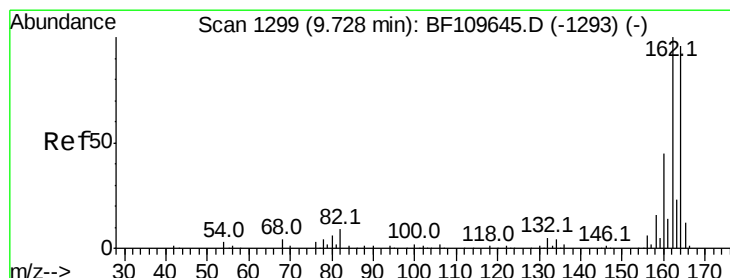
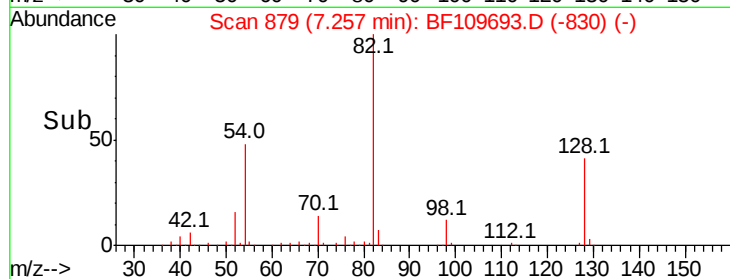
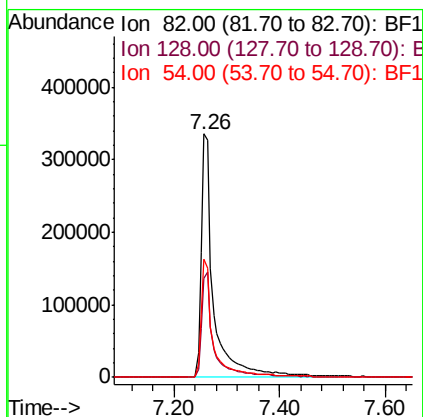
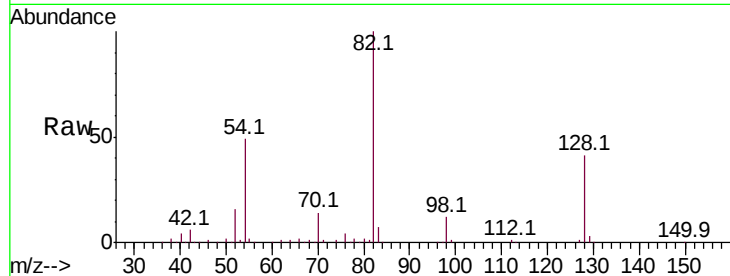




#23
Nitrobenzene-d5
Concen: 70.369 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF109693.D
Acq: 9 Oct 2018 14:22

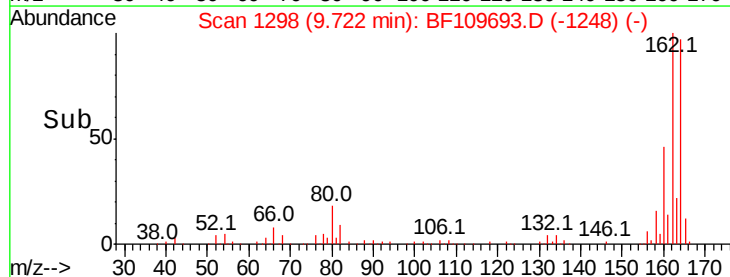
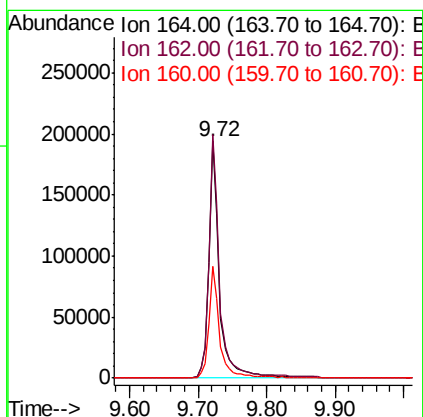
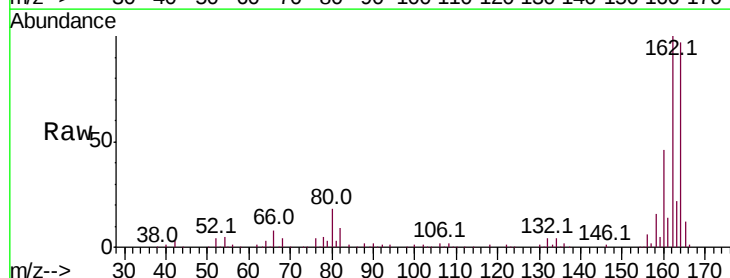
Instrument :
BNA_F
ClientSampleId :
PB113605BL

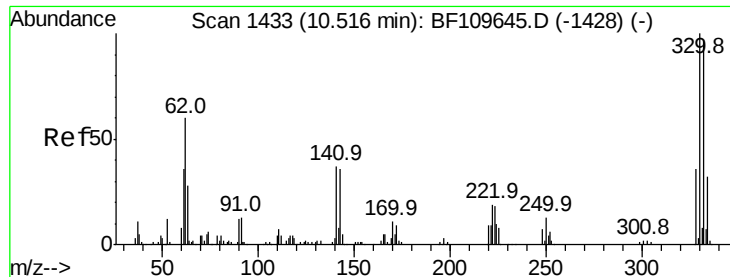
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.8	34.2	51.2
54	48.5	38.6	58.0



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109693.D
Acq: 9 Oct 2018 14:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	83.0	124.6
160	47.1	37.0	55.6

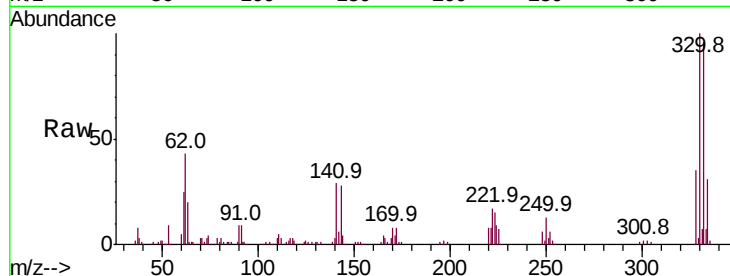




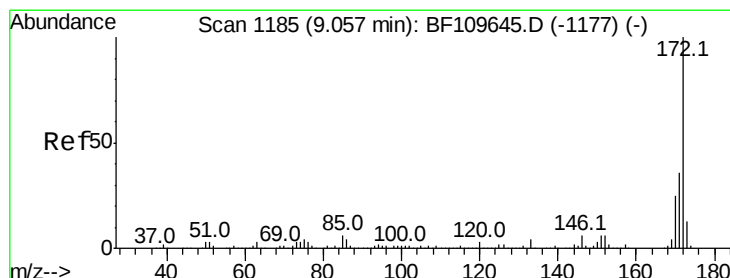
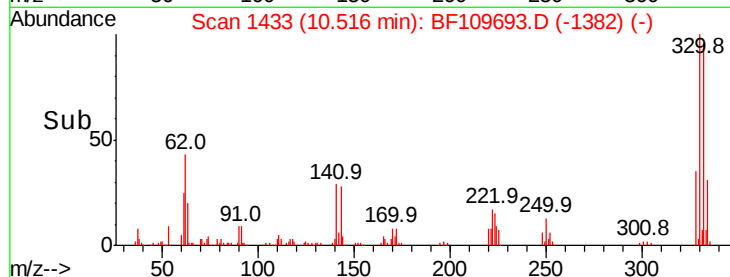
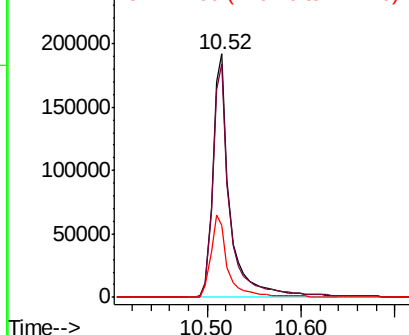
#41
 2,4,6-Tribromophenol
 Concen: 105.416 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF109693.D
 Acq: 9 Oct 2018 14:22

Instrument :
 BNA_F
 ClientSampleId :
 PB113605BL

Tot Ion:330 Resp: 248459
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.1 115.7
 141 34.6 27.0 40.4

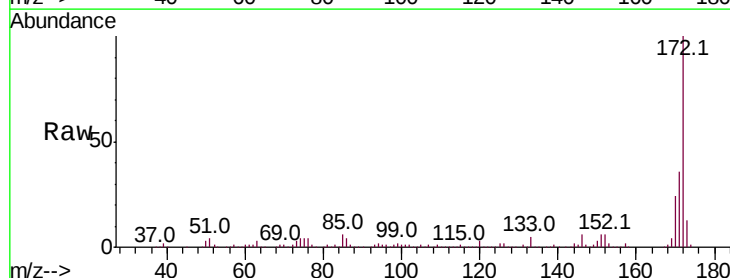


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

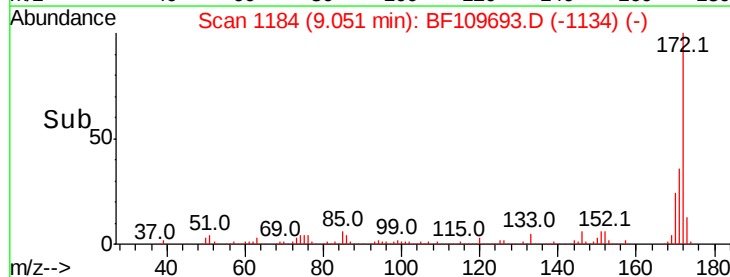
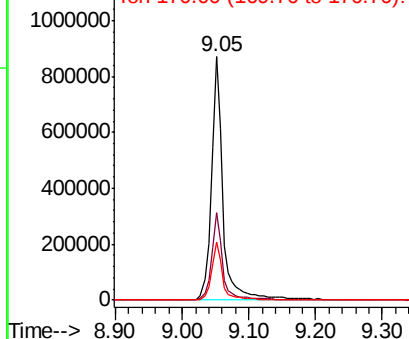


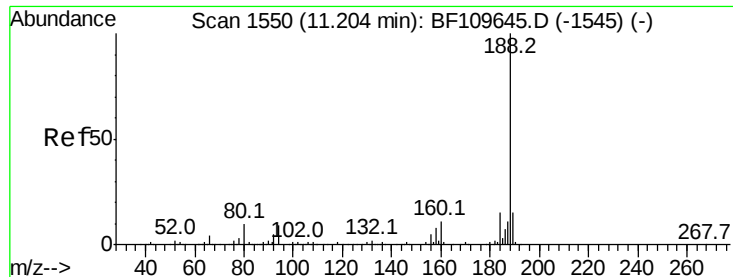
#44
 2-Fluorobiphenyl
 Concen: 67.722 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109693.D
 Acq: 9 Oct 2018 14:22

Tgt Ion:172 Resp: 1063642
 Ion Ratio Lower Upper
 172 100
 171 35.7 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

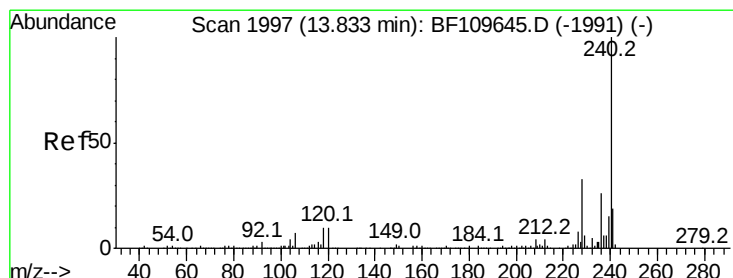
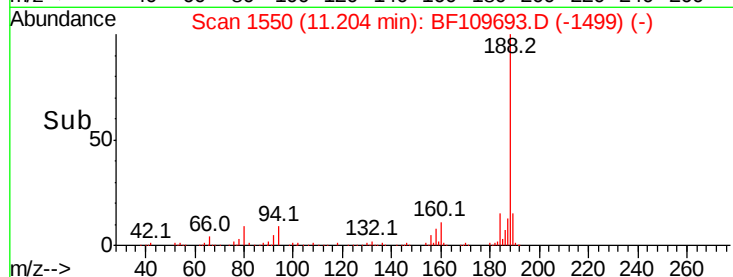
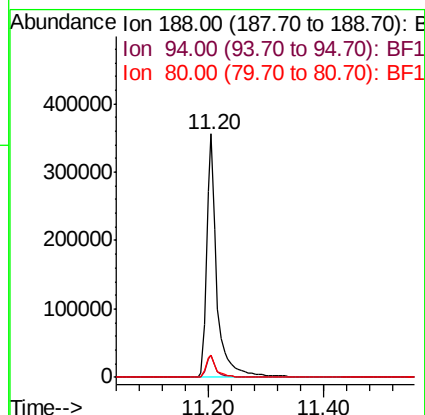
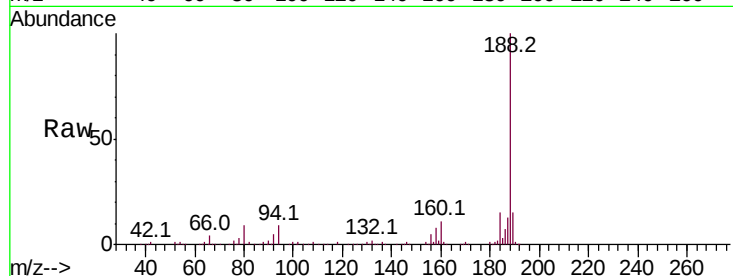




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF109693.D
Acq: 9 Oct 2018 14:22

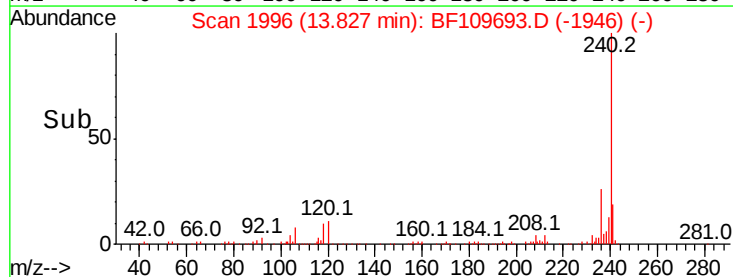
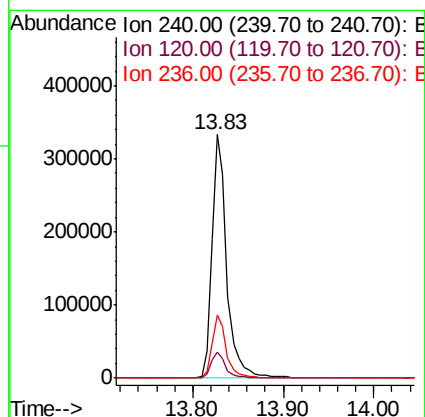
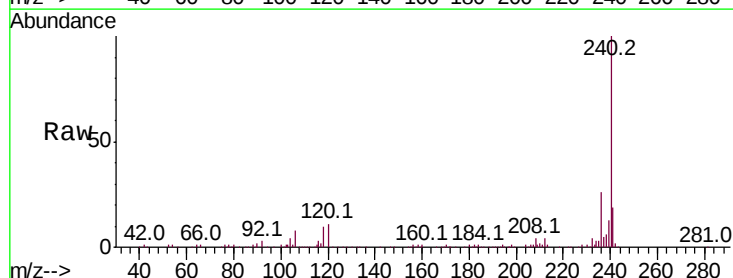
Instrument :
BNA_F
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PB113605BL

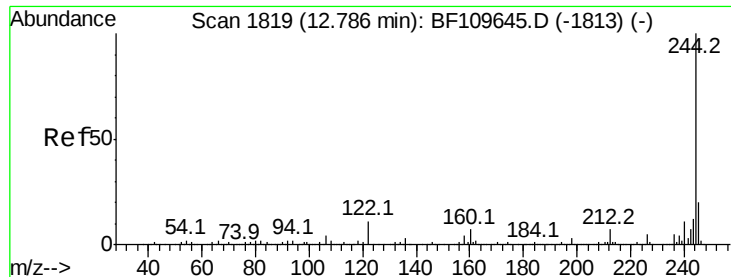
Tot Ion:188 Resp: 445071
Ion Ratio Lower Upper
188 100
94 9.0 7.2 10.8
80 9.1 7.9 11.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109693.D
Acq: 9 Oct 2018 14:22

Tgt Ion:240 Resp: 381347
Ion Ratio Lower Upper
240 100
120 10.9 8.3 12.5
236 26.1 21.2 31.8

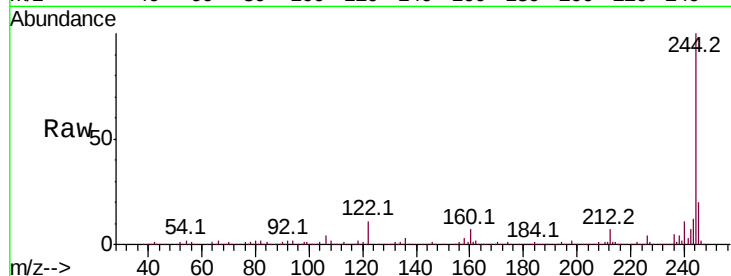




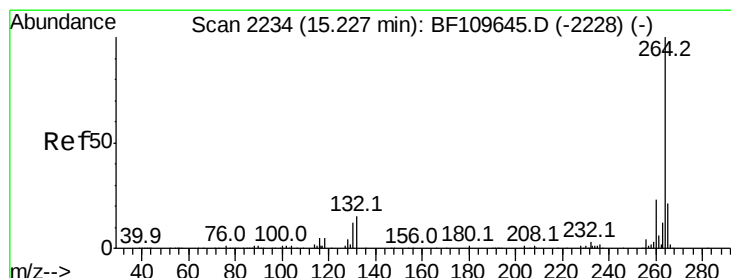
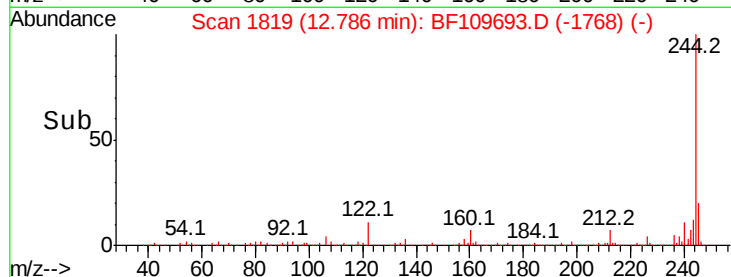
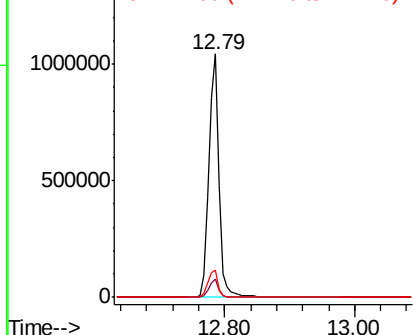
#78
 Terphenyl-d14
 Concen: 56.832 ng
 RT: 12.79 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: BF109693.D
 Acq: 9 Oct 2018 14:22

Instrument :
 BNA_F
 ClientSampleId :
 PB113605BL

Tot Ion:244 Resp: 1119556
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 11.0 8.7 13.1

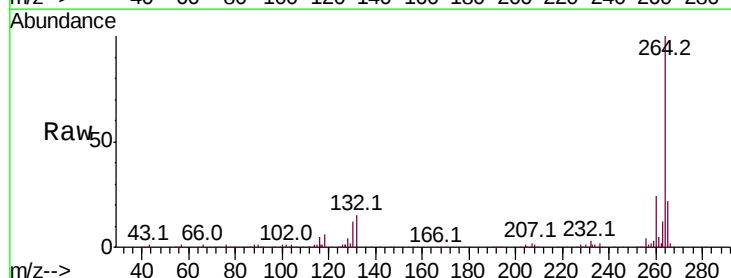


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. -0.00 min
 Lab File: BF109693.D
 Acq: 9 Oct 2018 14:22

Tgt Ion:264 Resp: 337802
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.7 28.1
 265 21.6 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

