

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\
 Data File : BF109729.D
 Acq On : 10 Oct 2018 7:12
 Operator : JU/SJ
 Sample : J5309-24
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-32

Quant Time: Oct 10 08:32:43 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

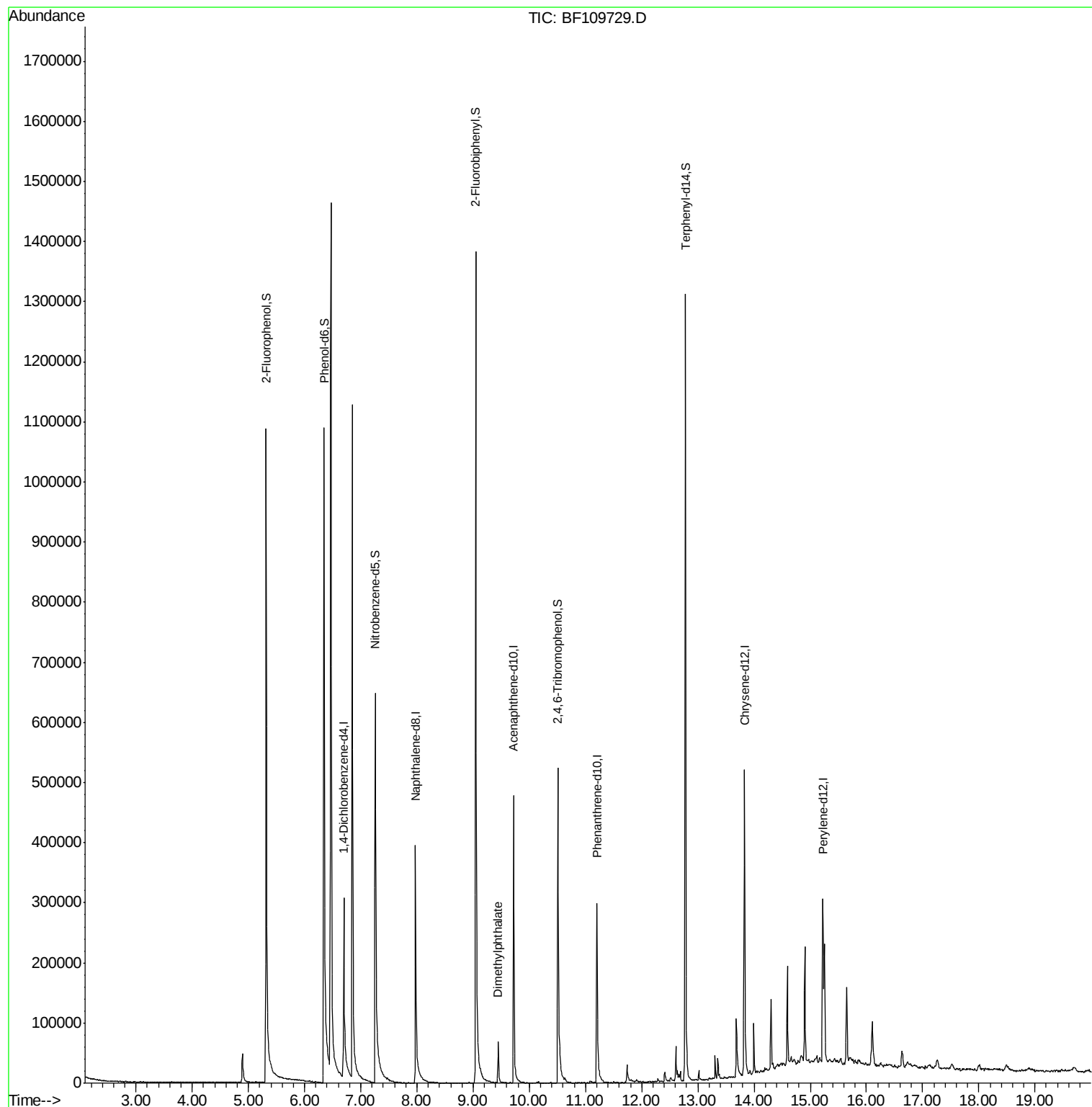
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	73489	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	288494	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	109600	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	190513	20.00	ng	0.00
75) Chrysene-d12	13.83	240	201816	20.00	ng	0.00
86) Perylene-d12	15.22	264	152989	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	429999	103.86	ng	0.00
7) Phenol-d6	6.35	99	607351	109.81	ng	-0.01
23) Nitrobenzene-d5	7.26	82	368873	70.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	99926	83.68	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	582843	73.24	ng	0.00
78) Terphenyl-d14	12.78	244	488914	46.90	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.45	163	38789	4.826	ng	99

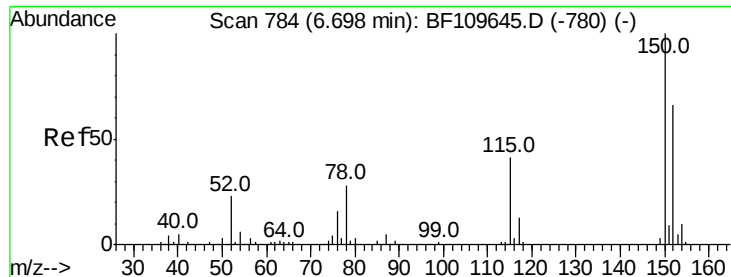
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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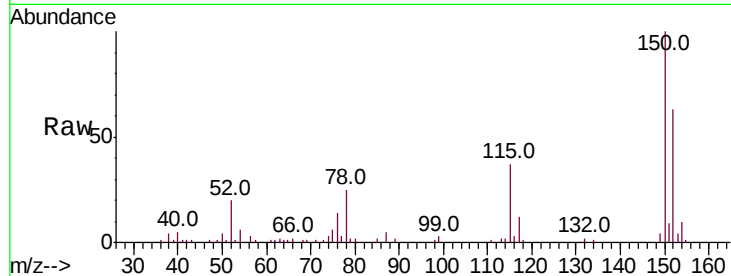


#1

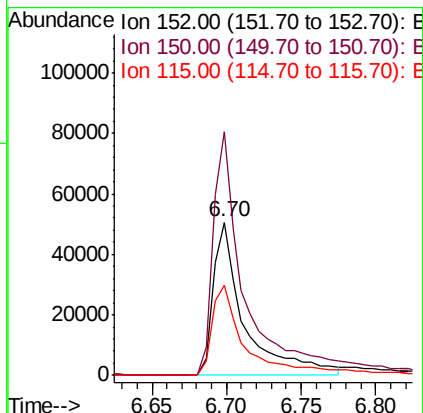
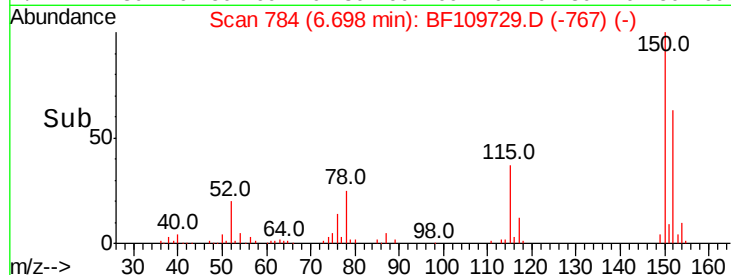
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF109729.D
 Acq: 10 Oct 2018 7:12

Instrument :
 BNA_F
 ClientSampleId :
 S-32

Tot Ion:152 Resp: 73489
 Ion Ratio Lower Upper
 152 100
 150 159.2 122.7 184.1
 115 59.3 49.1 73.7



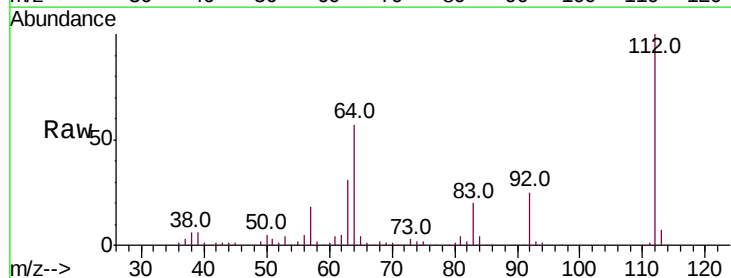
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



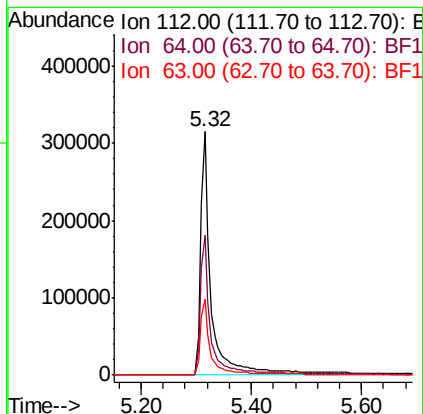
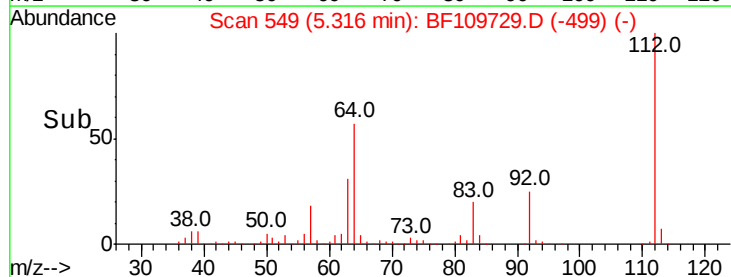
#5

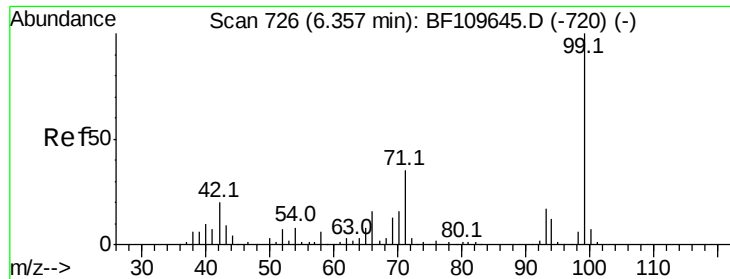
2-Fluorophenol
 Concen: 103.861 ng
 RT: 5.32 min Scan# 549
 Delta R.T. -0.01 min
 Lab File: BF109729.D
 Acq: 10 Oct 2018 7:12

Tgt Ion:112 Resp: 429999
 Ion Ratio Lower Upper
 112 100
 64 57.4 44.1 66.1
 63 31.2 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: 109.813 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109729.D

Acq: 10 Oct 2018 7:12

Instrument :

BNA_F

ClientSampled :

S-32

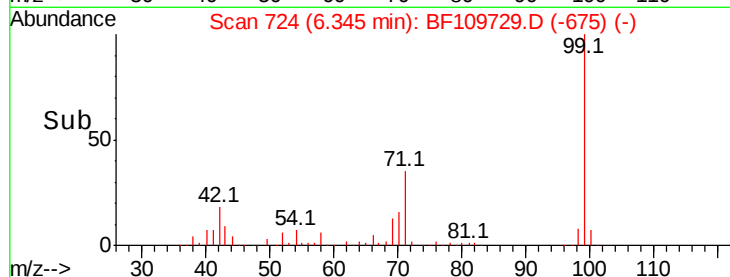
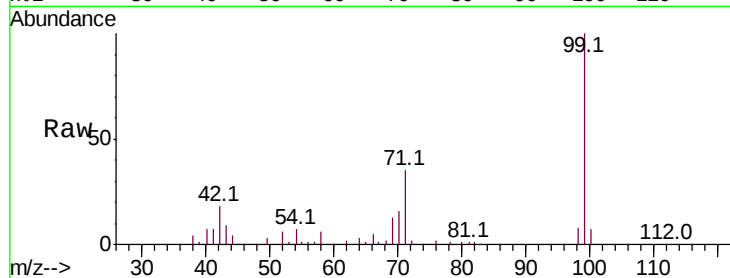
Tot Ion: 99 Resp: 607351

Ion Ratio Lower Upper

99 100

42 18.3 15.8 23.6

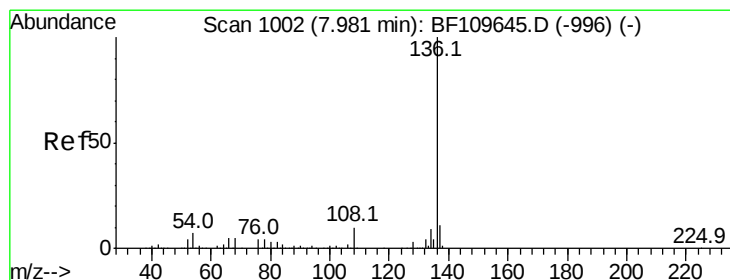
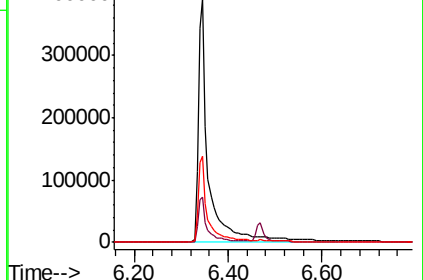
71 35.3 28.0 42.0



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: BF109729.D

Acq: 10 Oct 2018 7:12

Tgt Ion:136 Resp: 288494

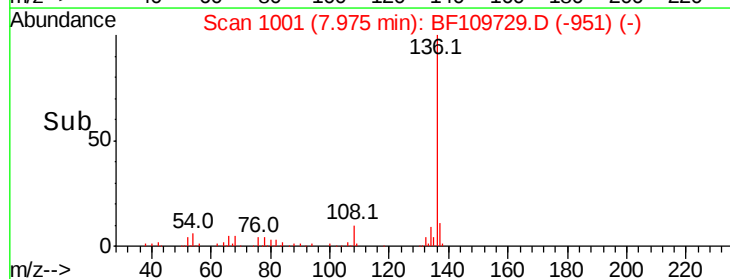
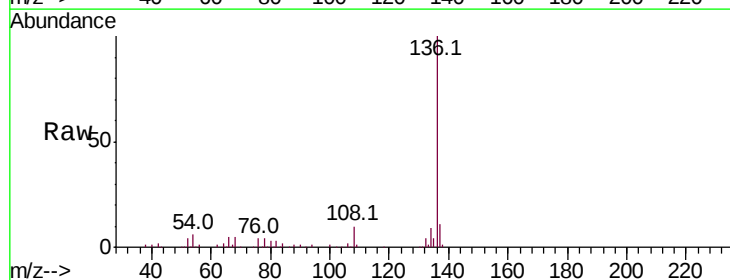
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 6.5 5.4 8.2

68 5.4 4.2 6.2

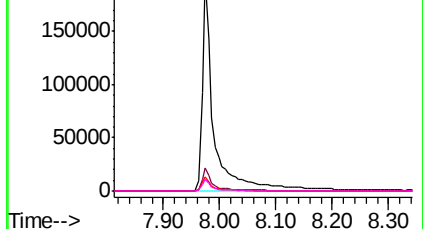


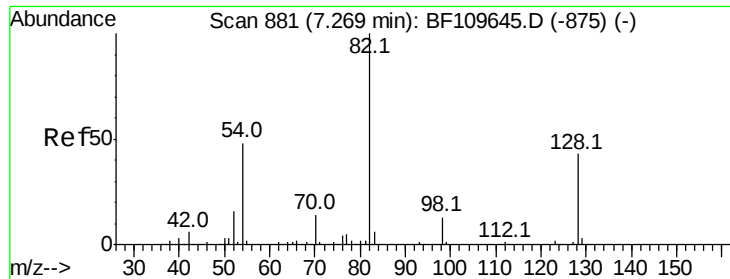
Abundance Ion 136.00 (135.70 to 136.70): E

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

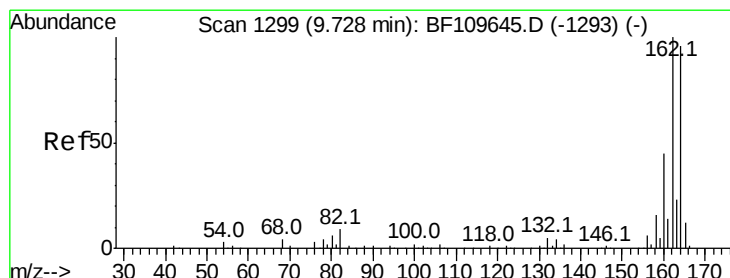
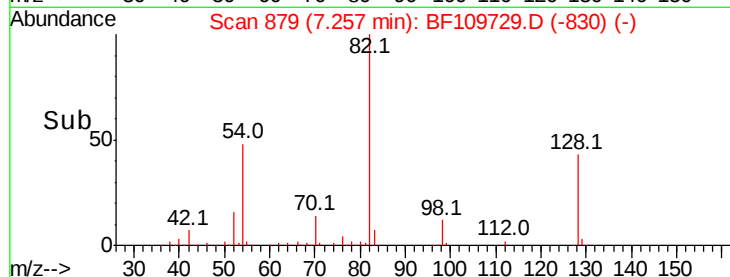
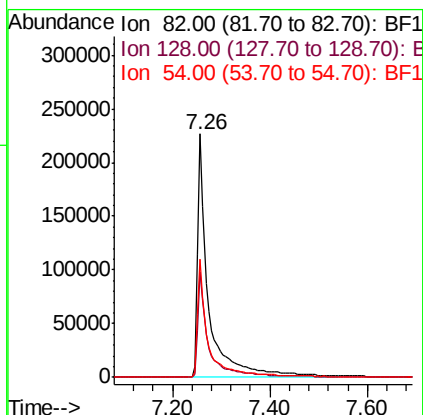
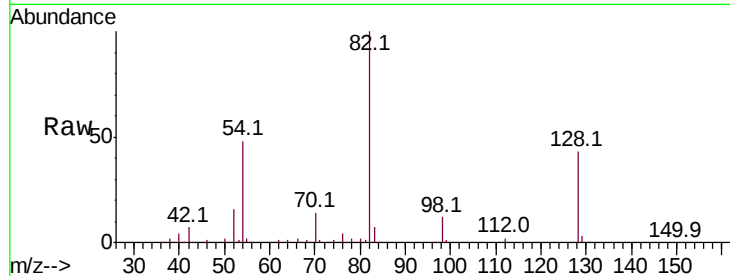




#23
 Nitrobenzene-d5
 Concen: 70.482 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF109729.D
 Acq: 10 Oct 2018 7:12

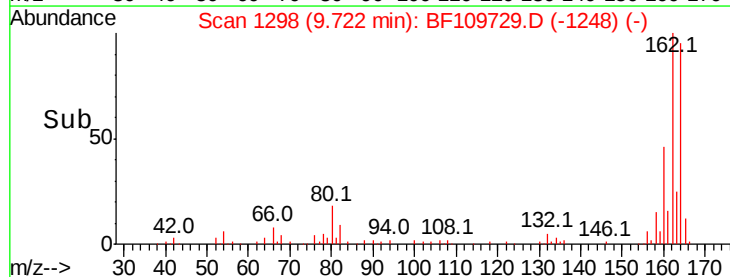
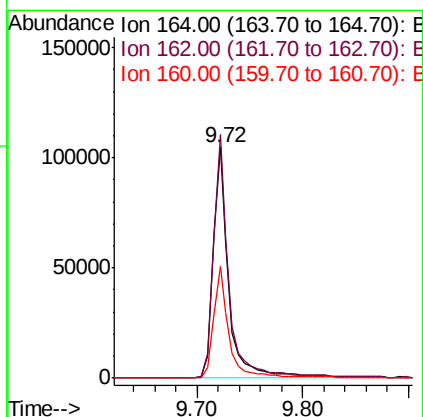
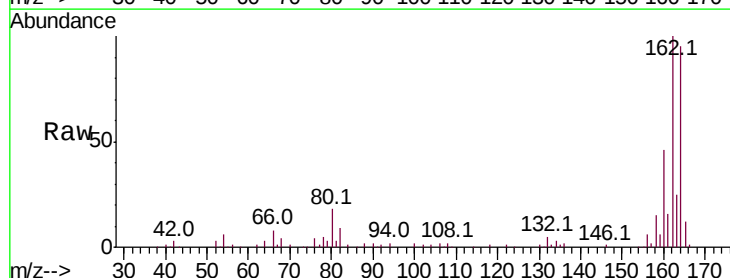
Instrument :
 BNA_F
 ClientSampled :
 S-32

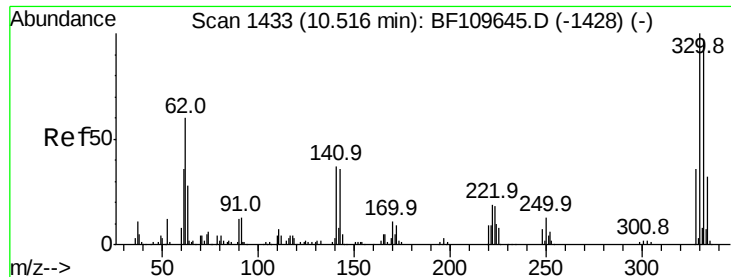
Tot Ion	82	Resp	368873
Ion Ratio	Lower	Upper	
82	100		
128	43.2	34.2	51.2
54	48.4	38.6	58.0



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109729.D
 Acq: 10 Oct 2018 7:12

Tgt Ion	164	Resp	109600
Ion Ratio	Lower	Upper	
164	100		
162	105.6	83.0	124.6
160	48.6	37.0	55.6

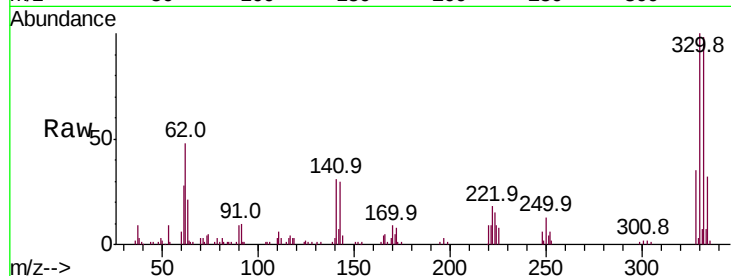




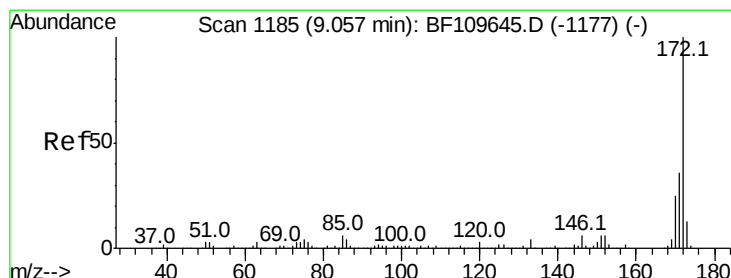
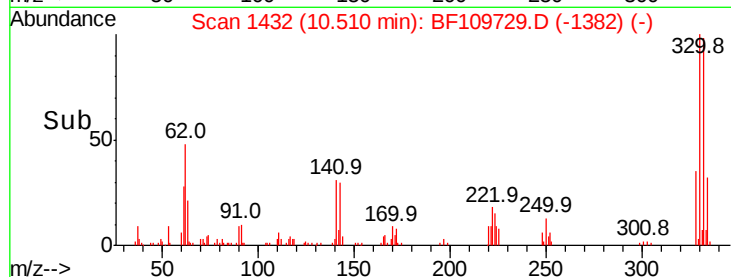
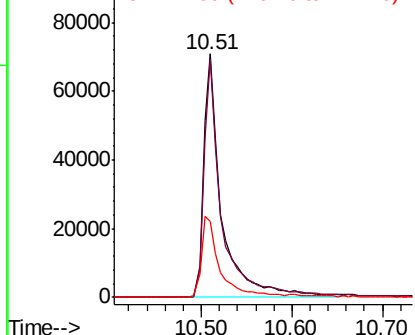
#41
 2,4,6-Tribromophenol
 Concen: 83.675 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109729.D
 Acq: 10 Oct 2018 7:12

Instrument :
 BNA_F
 ClientSampled :
 S-32

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.1	115.7
141	33.8	27.0	40.4

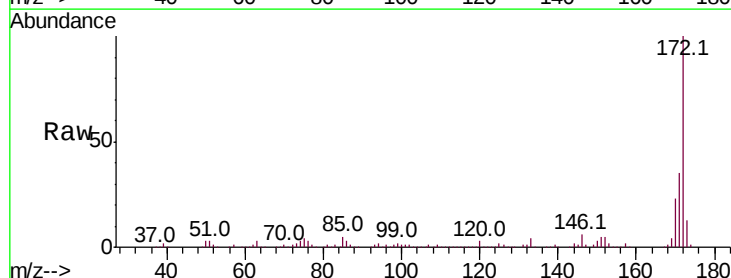


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

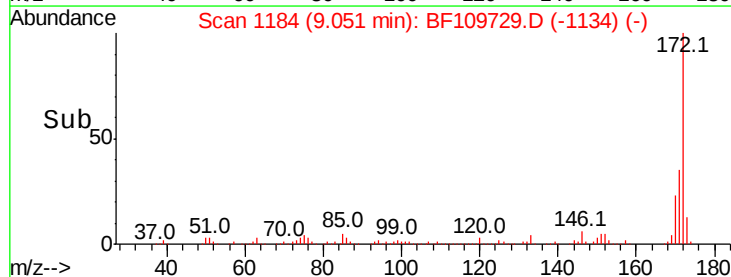
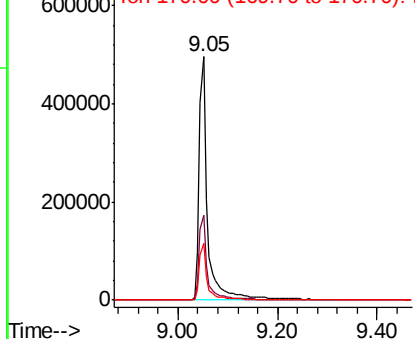


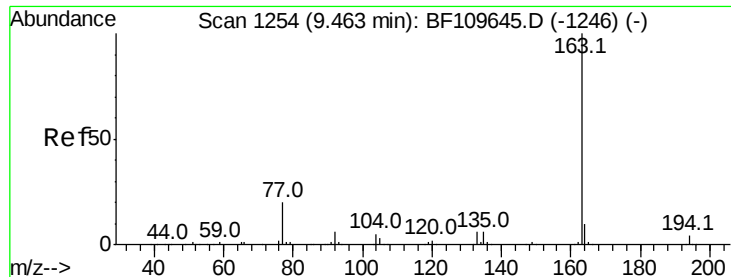
#44
 2-Fluorobiphenyl
 Concen: 73.241 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109729.D
 Acq: 10 Oct 2018 7:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.6	43.0
170	23.3	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

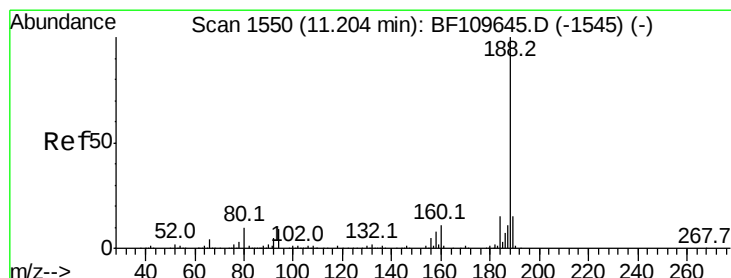
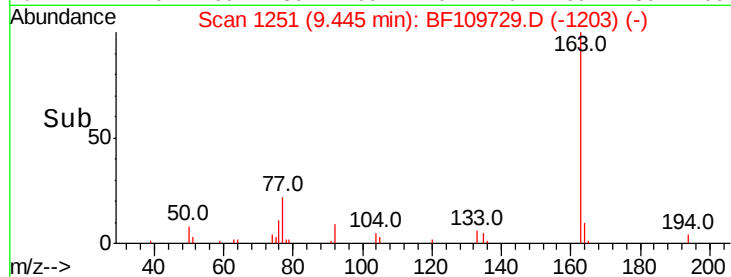
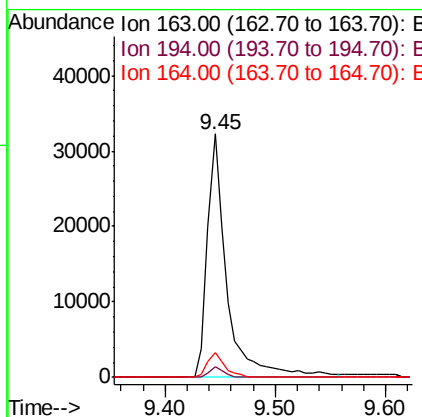
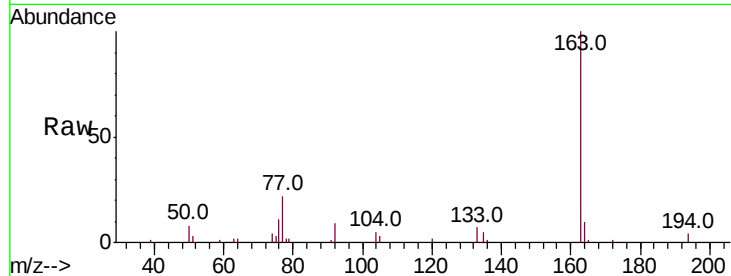




#49
 Dimethylphthalate
 Concen: 4.826 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.02 min
 Lab File: BF109729.D
 Acq: 10 Oct 2018 7:12

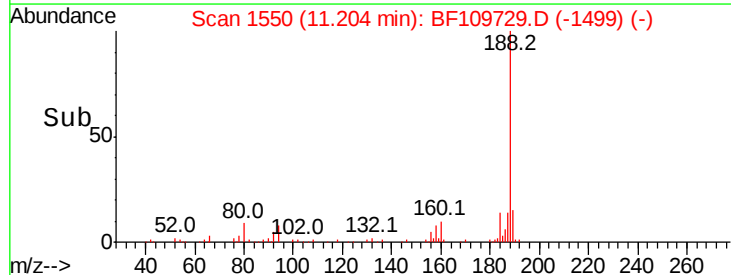
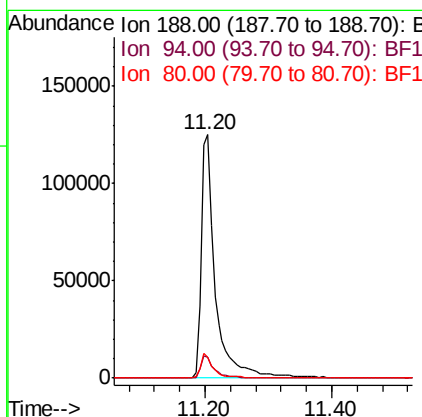
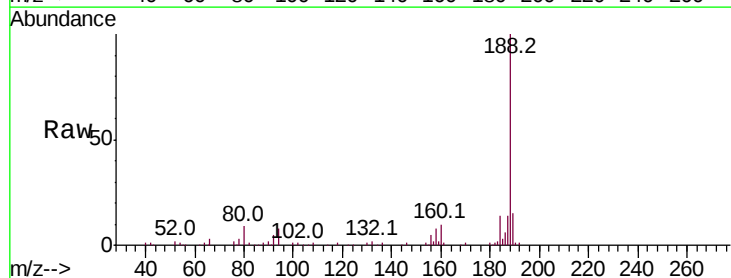
Instrument :
 BNA_F
 ClientSampleId :
 S-32

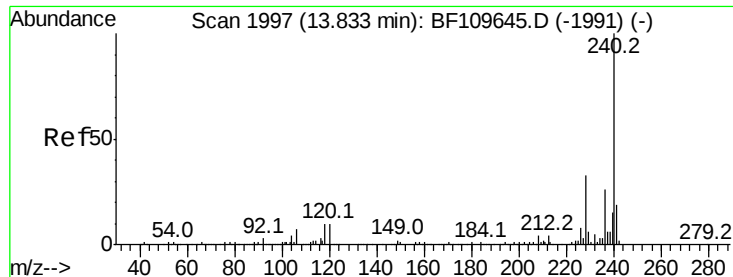
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.4	8.1	12.1



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.00 min
 Lab File: BF109729.D
 Acq: 10 Oct 2018 7:12

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.2	10.8
80	8.5	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: BF109729.D

Acq: 10 Oct 2018 7:12

Instrument :

BNA_F

ClientSampleId :

S-32

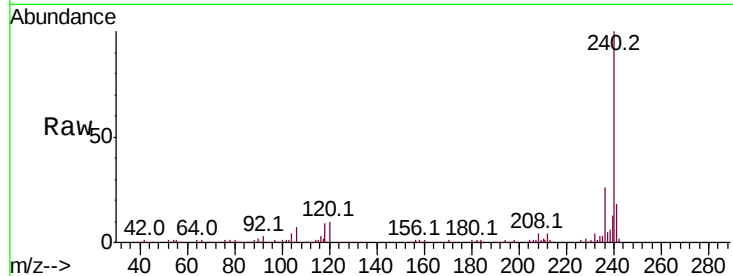
Tot Ion:240 Resp: 201816

Ion Ratio Lower Upper

240 100

120 9.9 8.3 12.5

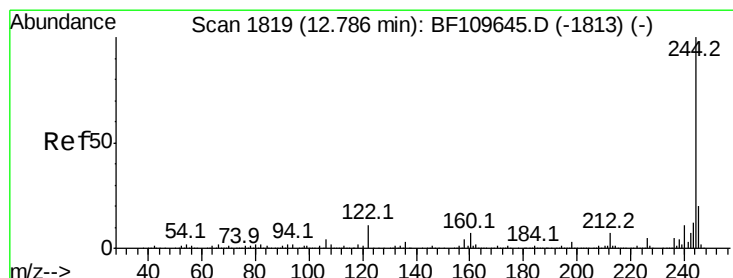
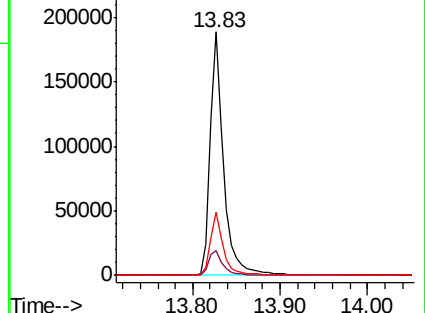
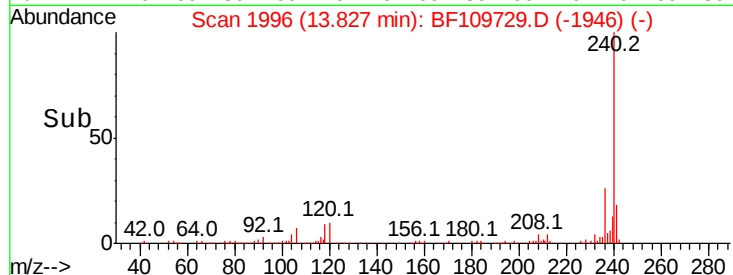
236 25.7 21.2 31.8



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: 46.897 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109729.D

Acq: 10 Oct 2018 7:12

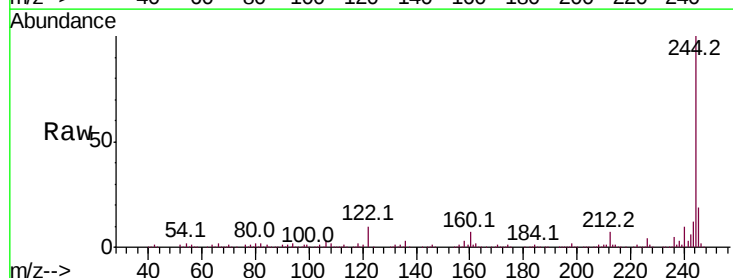
Tgt Ion:244 Resp: 488914

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

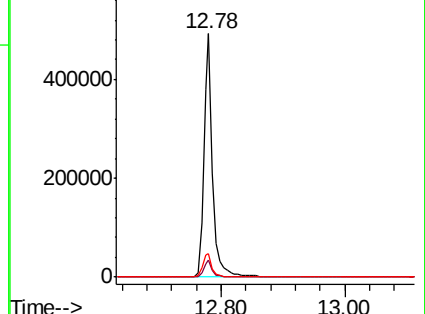
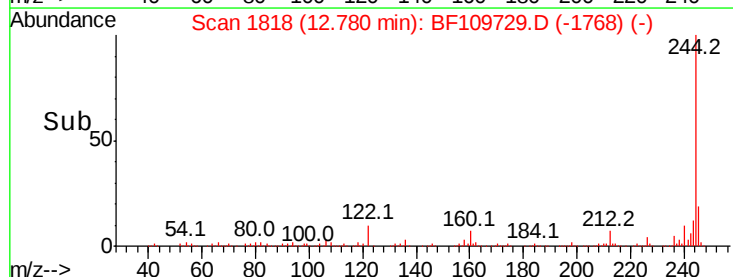
122 9.8 8.7 13.1

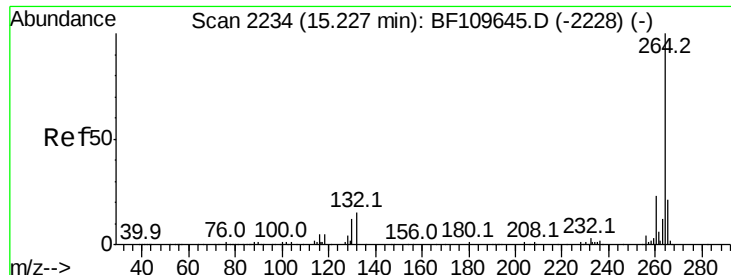


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

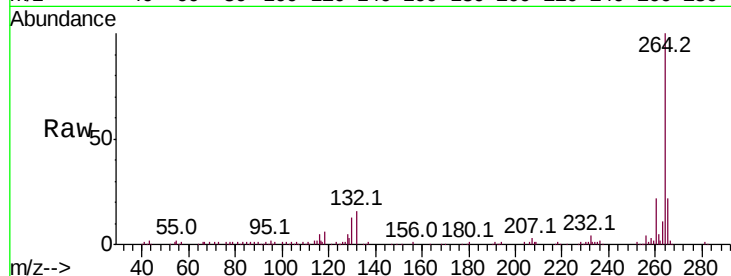




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BF109729.D
 Acq: 10 Oct 2018 7:12

Instrument :
 BNA_F
 ClientSampleId :
 S-32

Tot Ion:	264	Resp:	152989
Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.7	28.1
265	21.9	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

