

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110417\
 Data File : BF100199.D
 Acq On : 5 Nov 2017 00:57
 Operator : SJ/JU
 Sample : PB103984BL
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103984BL

Quant Time: Nov 06 03:29:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:46:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	83961	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	349202	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	170143	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	327304	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	217833	20.00	ng	-0.01
86) Perylene-d12	15.40	264	151800	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	316909	59.26	ng	0.01
7) Phenol-d6	6.42	99	392017	61.82	ng	-0.01
23) Nitrobenzene-d5	7.33	82	319149	58.84	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	91437	58.97	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	693837	62.92	ng	-0.01
78) Terphenyl-d14	12.87	244	701455	70.37	ng	-0.01

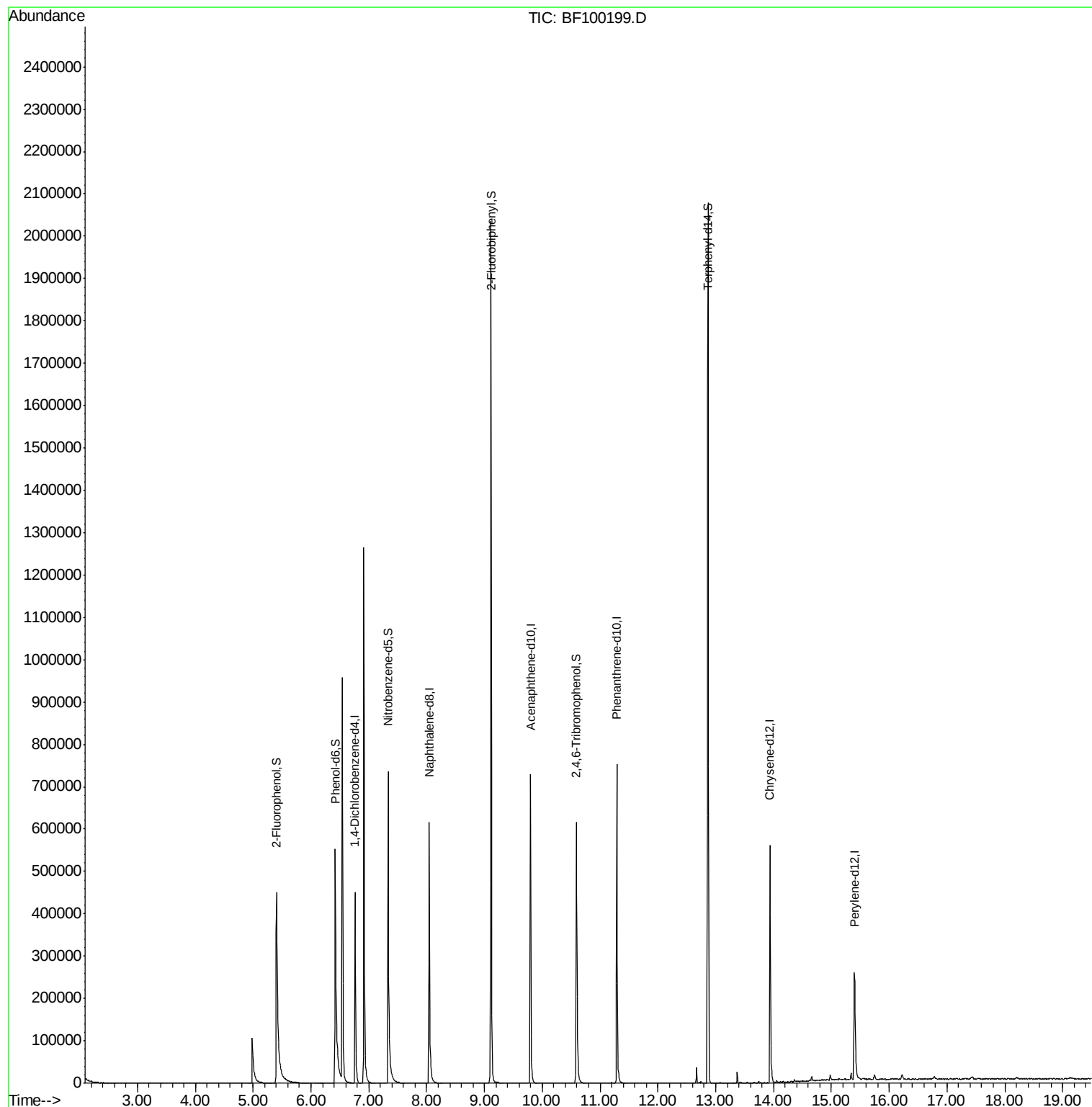
Target Compounds Qvalue

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

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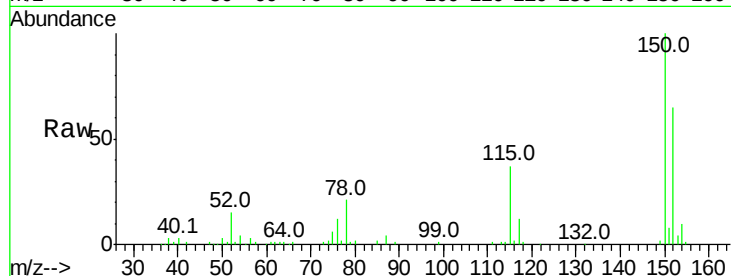


#1

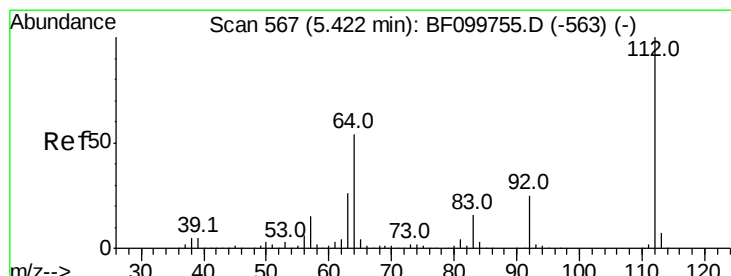
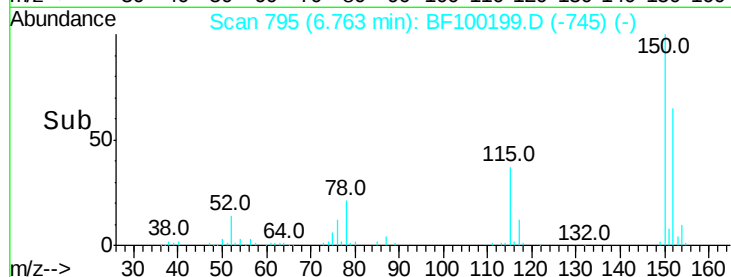
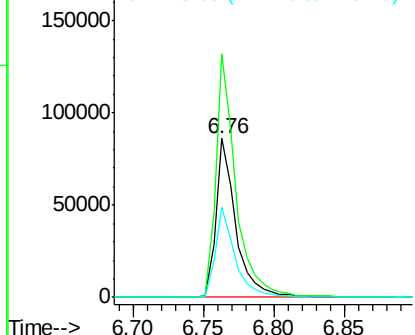
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF100199.D
Acq: 5 Nov 2017 00:57

Instrument :
BNA_F
ClientSampleId :
PB103984BL

Tot Ion:152 Resp: 83961
Ion Ratio Lower Upper
152 100
150 153.4 124.6 186.8
115 57.0 50.1 75.1



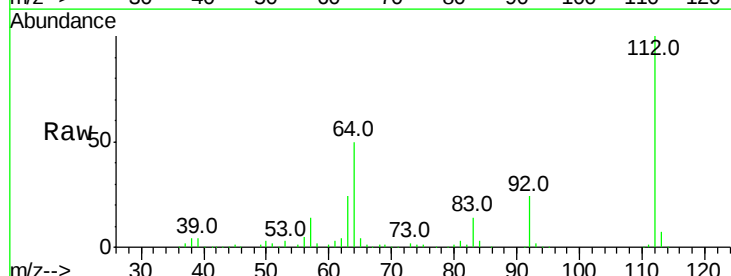
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



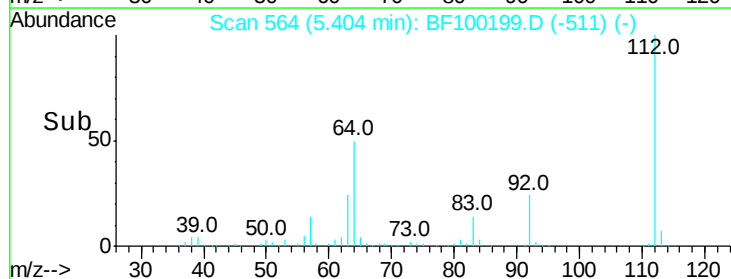
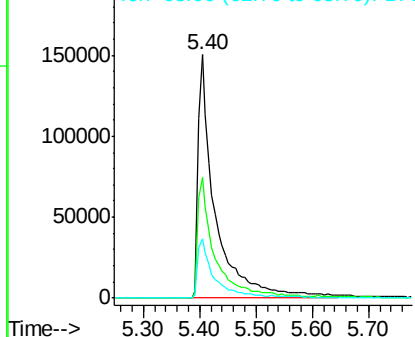
#5

2-Fluorophenol
Concen: 59.258 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.01 min
Lab File: BF100199.D
Acq: 5 Nov 2017 00:57

Tgt Ion:112 Resp: 316909
Ion Ratio Lower Upper
112 100
64 49.7 47.9 71.9
63 24.3 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: 61.821 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF100199.D

Acq: 5 Nov 2017 00:57

Instrument :

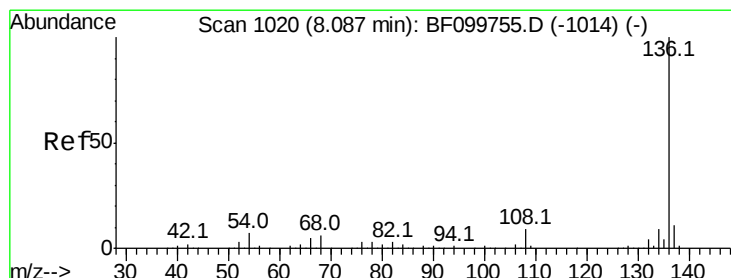
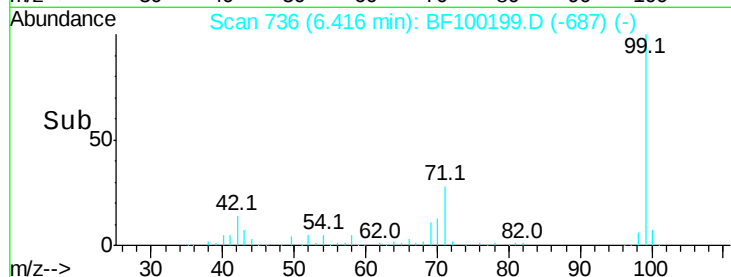
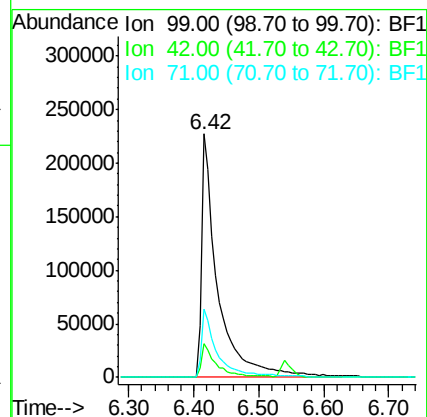
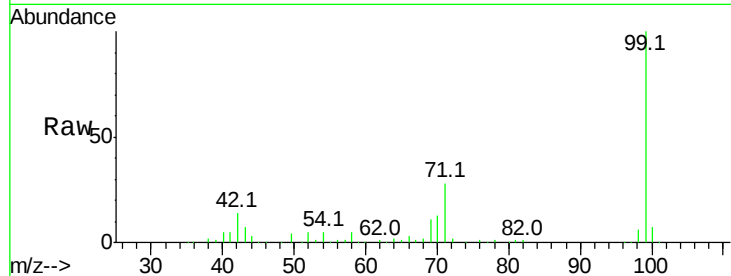
BNA_F

ClientSampleId :

PB103984BL

Tot Ion: 99 Resp: 392017

Ion	Ratio	Lower	Upper
99	100		
42	13.7	14.5	21.7#
71	28.1	25.4	38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1013

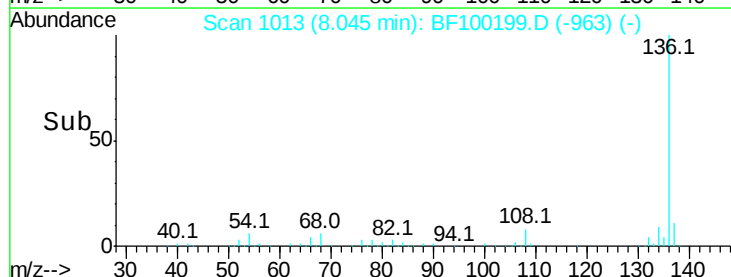
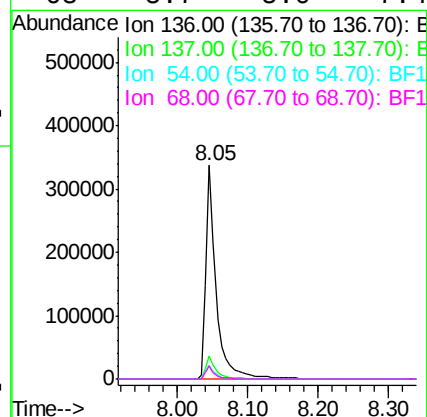
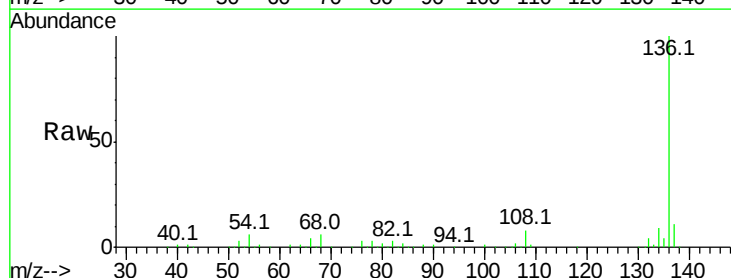
Delta R.T. -0.01 min

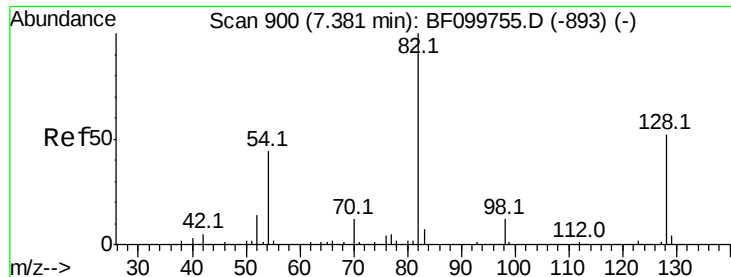
Lab File: BF100199.D

Acq: 5 Nov 2017 00:57

Tgt Ion: 136 Resp: 349202

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.3	6.6	9.8#
68	5.7	5.0	7.4

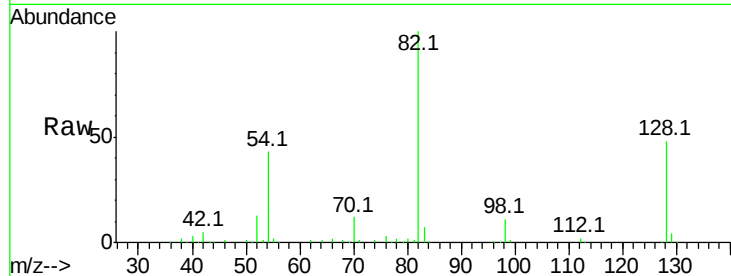




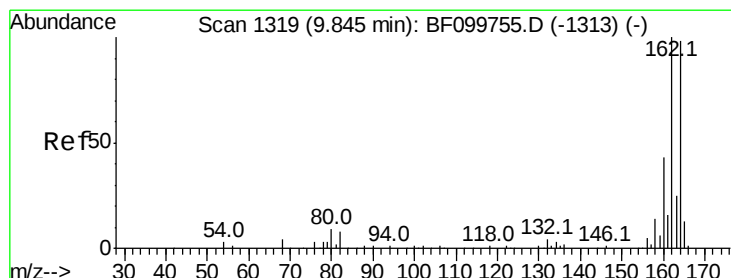
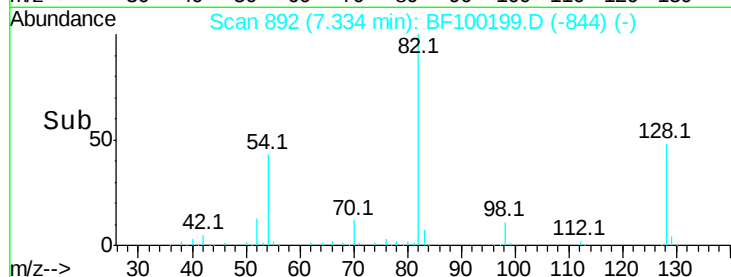
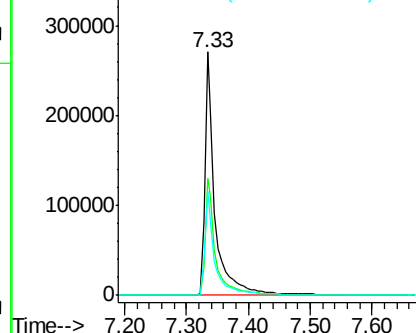
#23
Nitrobenzene-d5
Concen: 58.840 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.02 min
Lab File: BF100199.D
Acq: 5 Nov 2017 00:57

Instrument :
BNA_F
ClientSampleId :
PB103984BL

Tot Ion: 82 Resp: 319149
Ion Ratio Lower Upper
82 100
128 48.2 36.1 54.1
54 42.8 41.4 62.2

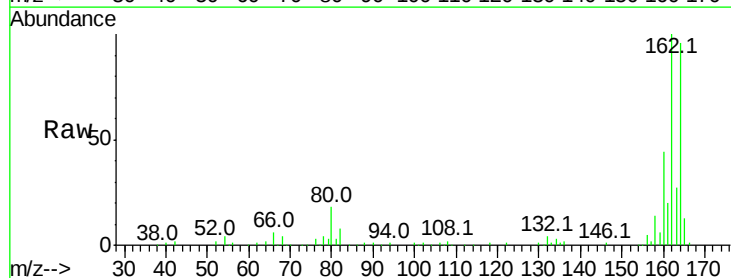


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

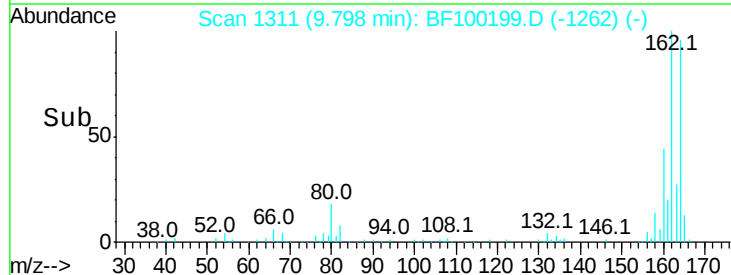
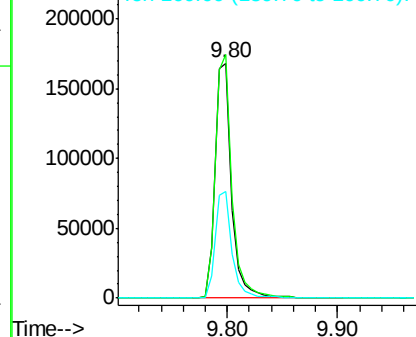


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF100199.D
Acq: 5 Nov 2017 00:57

Tgt Ion: 164 Resp: 170143
Ion Ratio Lower Upper
164 100
162 103.7 86.1 129.1
160 45.2 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

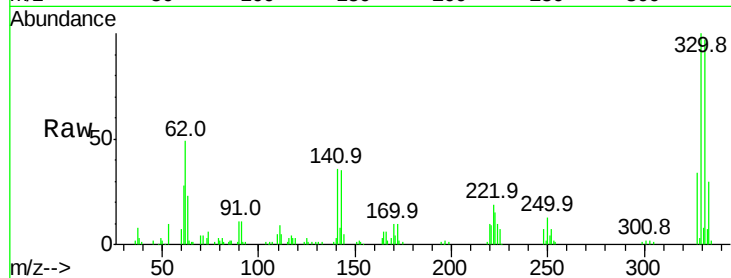




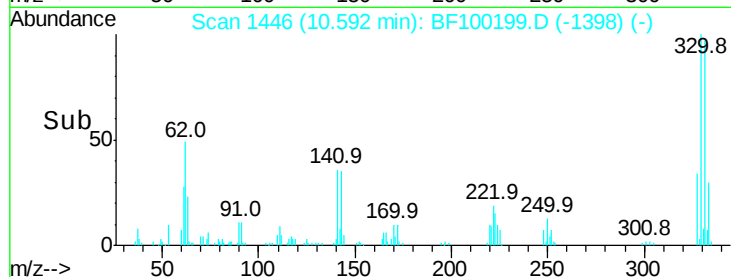
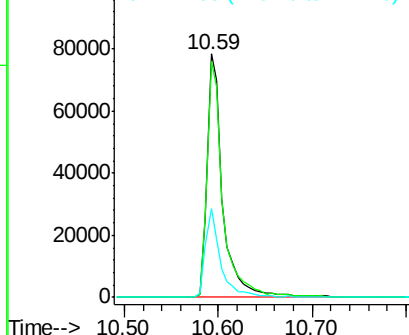
#41
 2,4,6-Tribromophenol
 Concen: 58.971 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.02 min
 Lab File: BF100199.D
 Acq: 5 Nov 2017 00:57

Instrument :
 BNA_F
 ClientSampleId :
 PB103984BL

Tot Ion:330 Resp: 91437
 Ion Ratio Lower Upper
 330 100
 332 98.7 77.0 115.6
 141 35.1 29.9 44.9

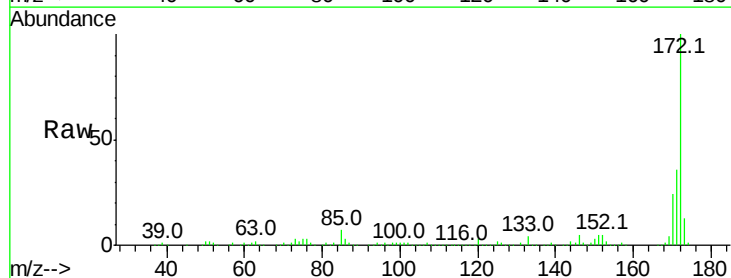


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

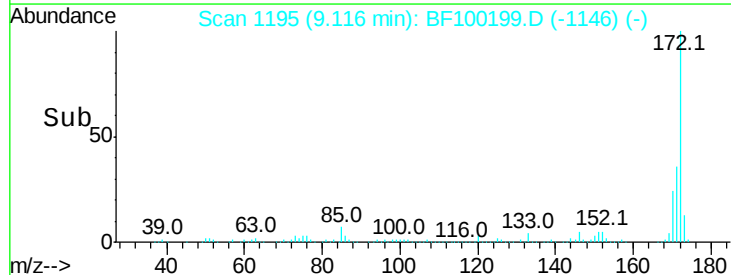
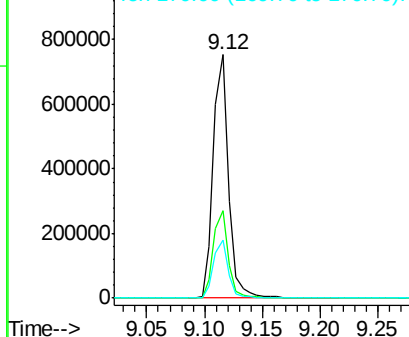


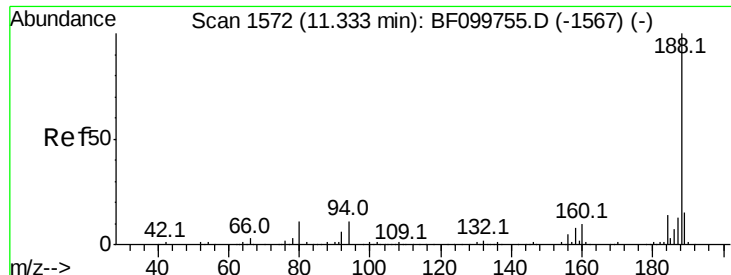
#44
 2-Fluorobiphenyl
 Concen: 62.916 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF100199.D
 Acq: 5 Nov 2017 00:57

Tgt Ion:172 Resp: 693837
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.9 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

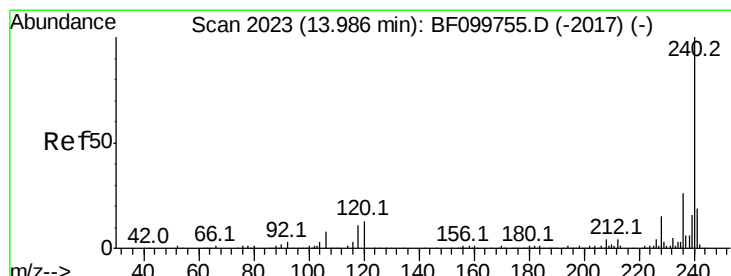
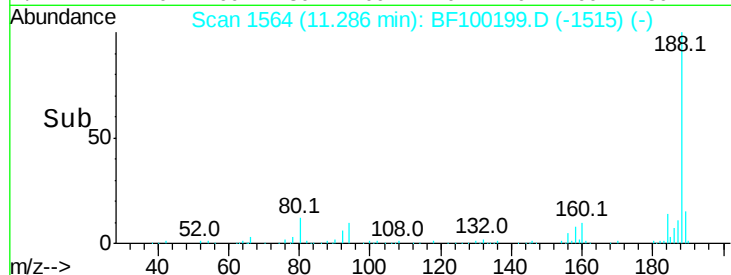
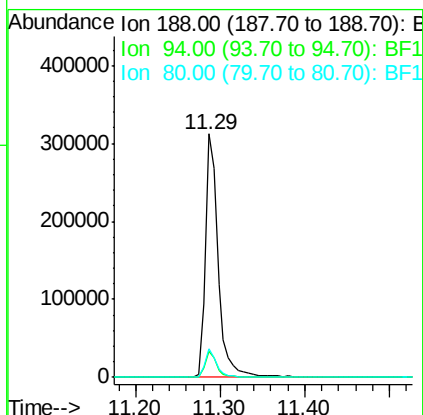
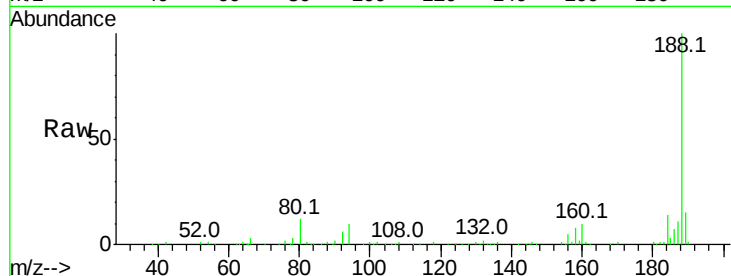




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF100199.D
Acq: 5 Nov 2017 00:57

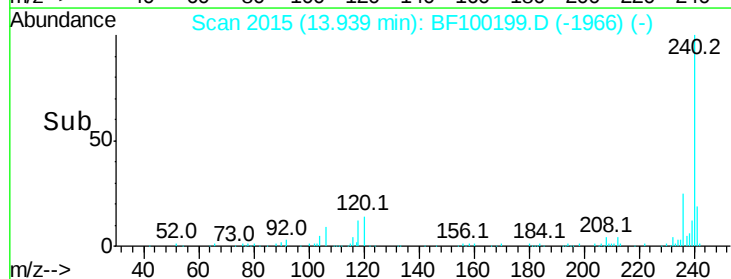
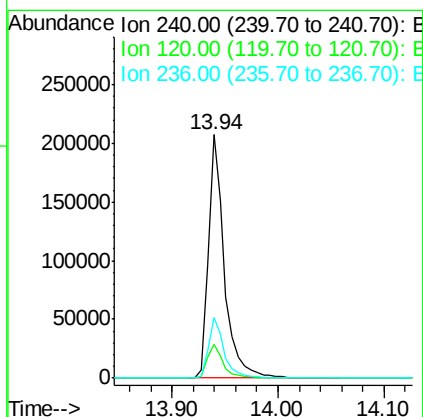
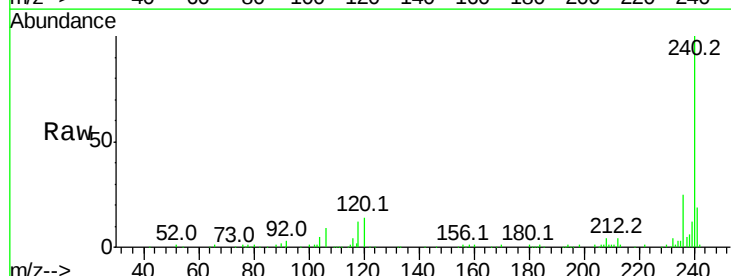
Instrument :
BNA_F
ClientSampleId :
PB103984BL

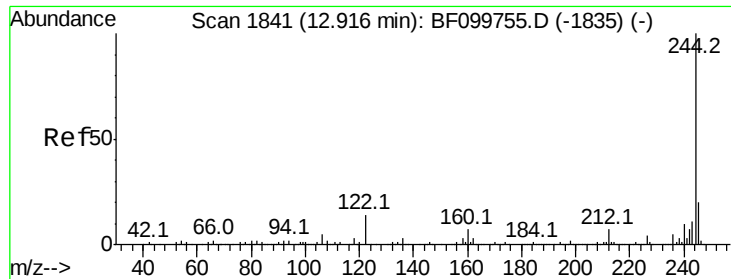
Tot Ion:188 Resp: 327304
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.7 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF100199.D
Acq: 5 Nov 2017 00:57

Tgt Ion:240 Resp: 217833
Ion Ratio Lower Upper
240 100
120 14.0 9.5 14.3
236 25.1 20.7 31.1





#78

Terphenyl-d14

Concen: 70.372 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF100199.D

Acq: 5 Nov 2017 00:57

Instrument :

BNA_F

ClientSampleId :

PB103984BL

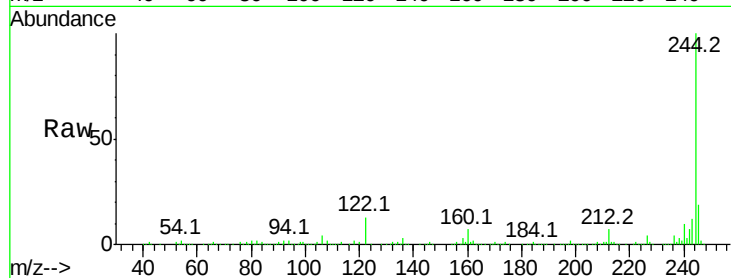
Tot Ion:244 Resp: 701455

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

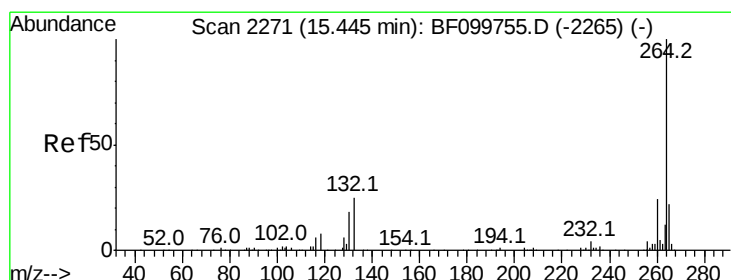
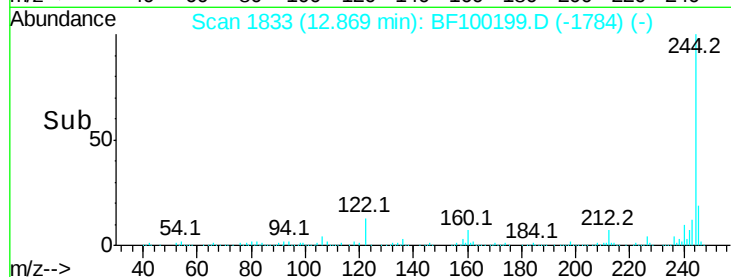
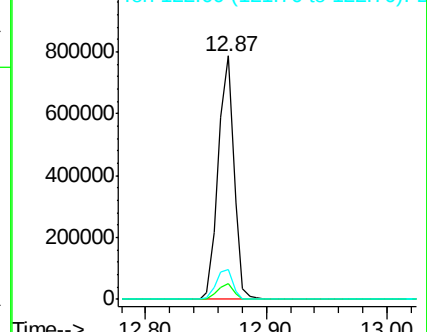
122 12.5 11.0 16.4



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: 15.40 min Scan# 2263

Delta R.T. -0.01 min

Lab File: BF100199.D

Acq: 5 Nov 2017 00:57

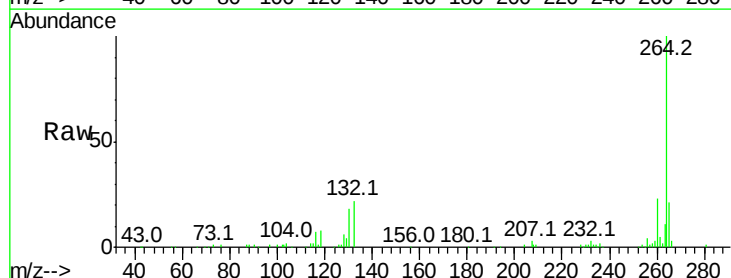
Tgt Ion:264 Resp: 151800

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 20.6 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

