

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110317\
 Data File : BF100169.D
 Acq On : 4 Nov 2017 8:00
 Operator : SJ/JU
 Sample : I6143-06
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RLF-FD-01

Quant Time: Nov 06 00:16:43 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

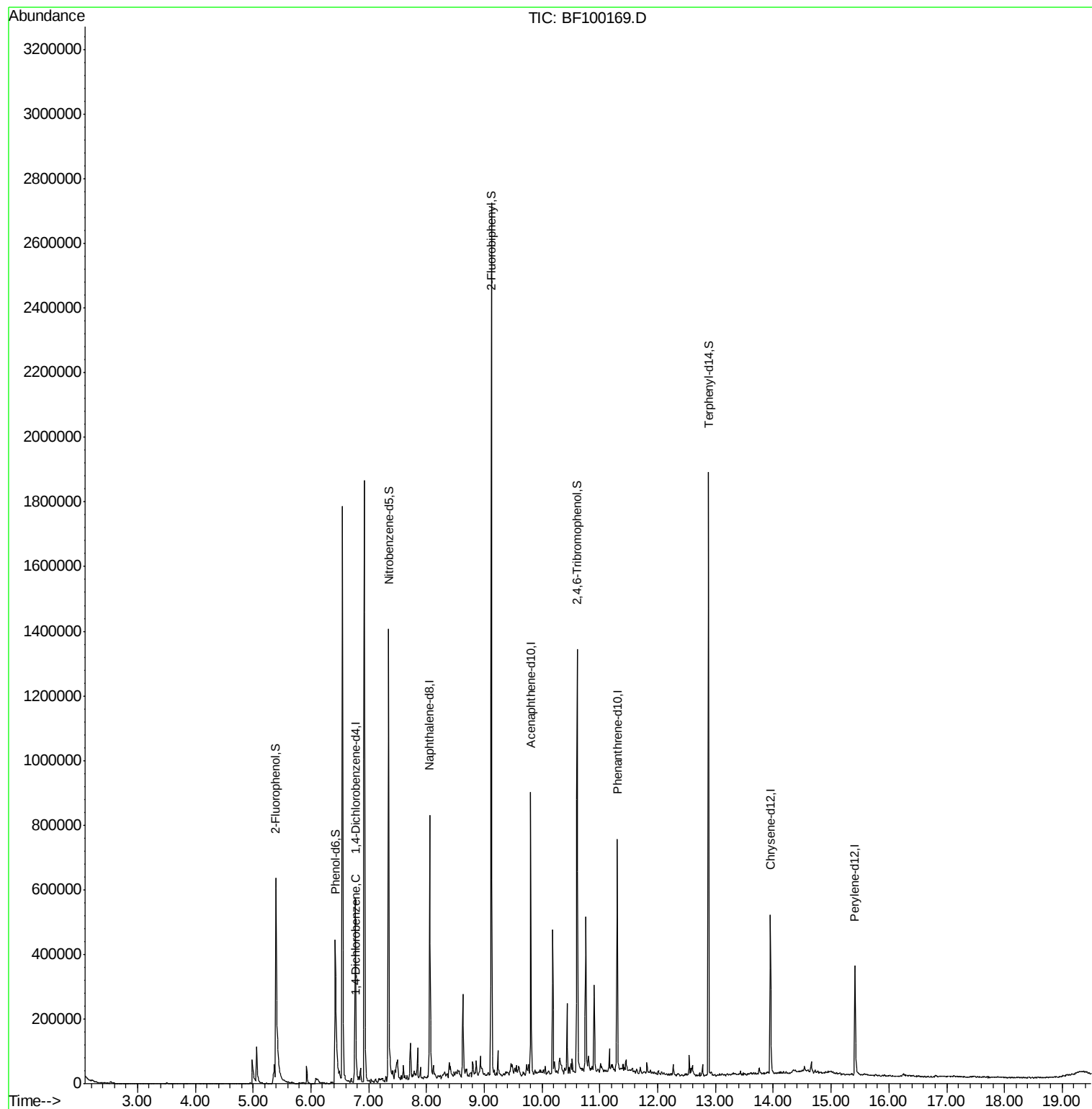
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	96954	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	384433	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	167413	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	247858	20.00	ng	0.00
75) Chrysene-d12	13.95	240	161017	20.00	ng	0.00
86) Perylene-d12	15.41	264	164587	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	354221	57.36	ng	0.00
7) Phenol-d6	6.42	99	279492	38.17	ng	0.00
23) Nitrobenzene-d5	7.35	82	485277	81.27	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	161195	105.66	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	945433	87.13	ng	0.00
78) Terphenyl-d14	12.88	244	598493	81.23	ng	0.00
Target Compounds						
13) 1,4-Dichlorobenzene	6.79	146	15229	2.030	ng	Qvalue 95

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

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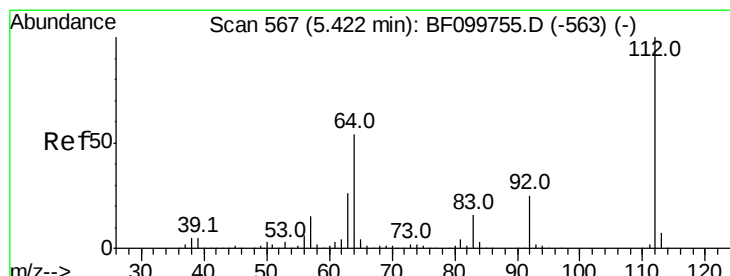
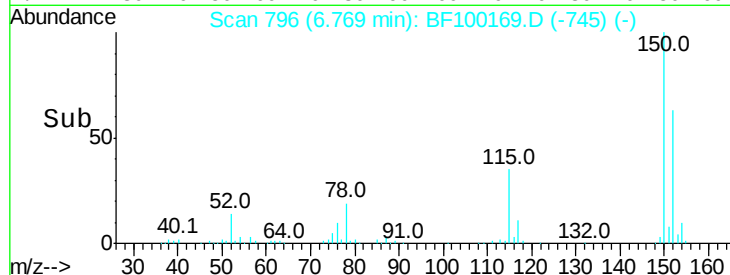
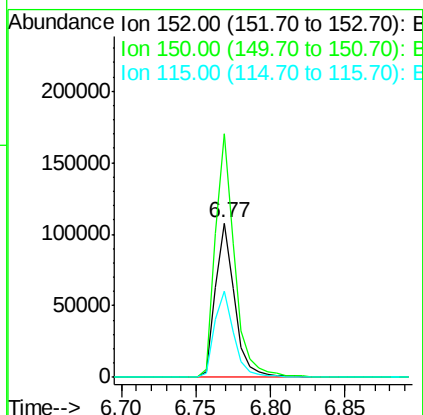
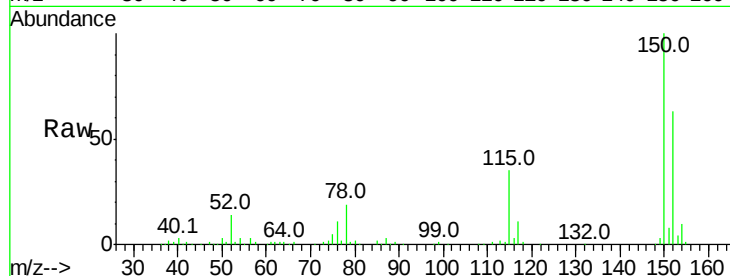


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF100169.D
 Acq: 4 Nov 2017 8:00

Instrument :
 BNA_F
 ClientSampleId :
 RLF-FD-01

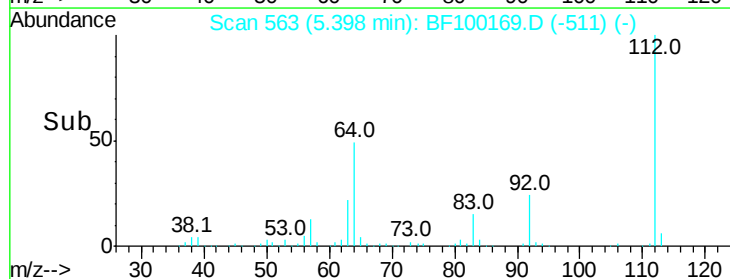
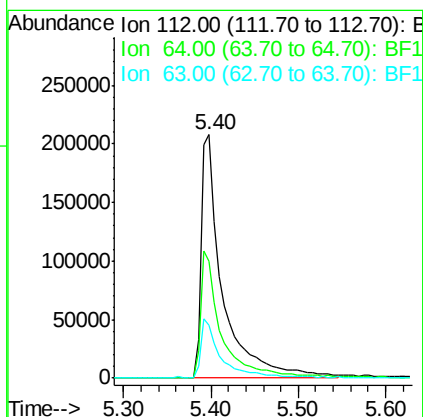
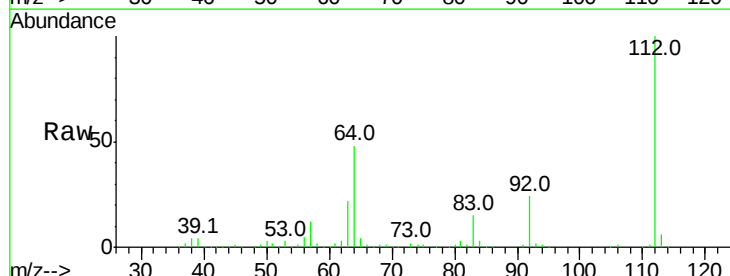
Tot Ion:152 Resp: 96954
 Ion Ratio Lower Upper
 152 100
 150 157.6 124.6 186.8
 115 55.7 50.1 75.1

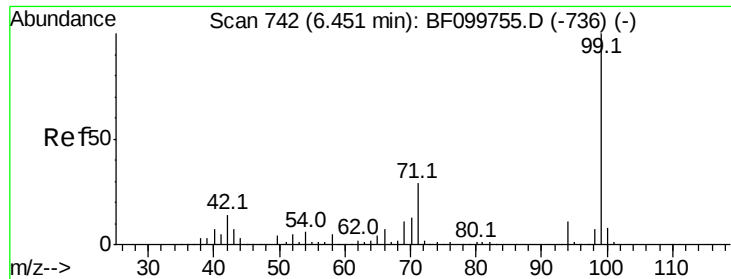


#5

2-Fluorophenol
 Concen: 57.359 ng
 RT: 5.40 min Scan# 563
 Delta R.T. 0.01 min
 Lab File: BF100169.D
 Acq: 4 Nov 2017 8:00

Tgt Ion:112 Resp: 354221
 Ion Ratio Lower Upper
 112 100
 64 48.0 47.9 71.9
 63 21.9 23.7 35.5#





#7

Phenol-d6

Concen: 38.169 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100169.D

Acq: 4 Nov 2017 8:00

Instrument :

BNA_F

ClientSampled :

RLF-FD-01

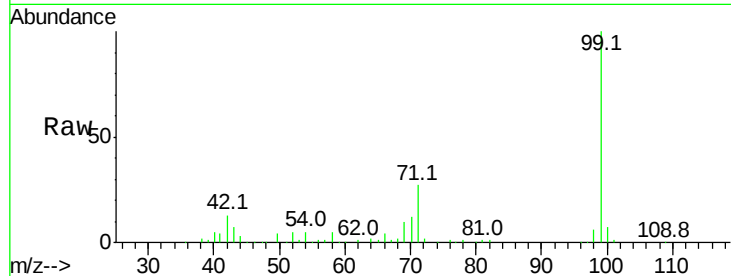
Tot Ion: 99 Resp: 279492

Ion Ratio Lower Upper

99 100

42 12.8 14.5 21.7#

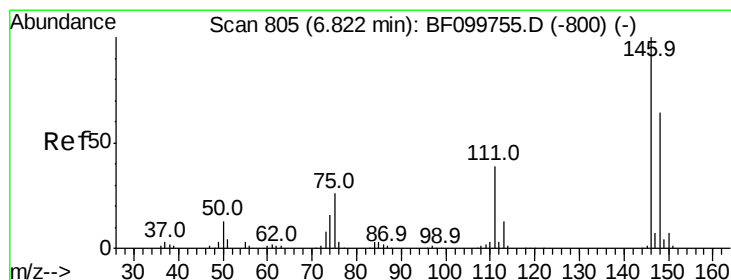
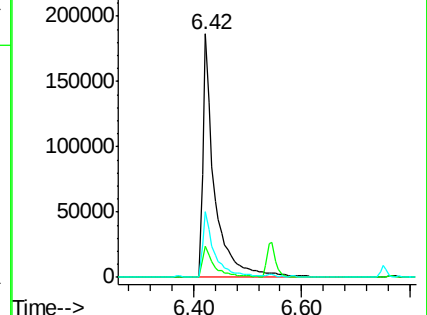
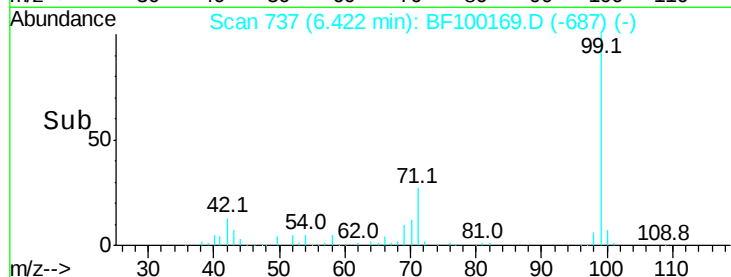
71 27.2 25.4 38.0



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



#13

1,4-Dichlorobenzene

Concen: 2.030 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.00 min

Lab File: BF100169.D

Acq: 4 Nov 2017 8:00

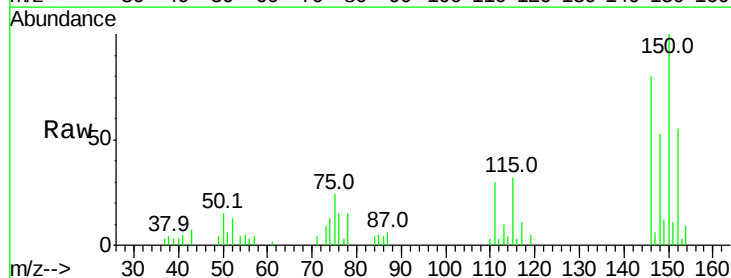
Tgt Ion: 146 Resp: 15229

Ion Ratio Lower Upper

146 100

148 65.6 50.8 76.2

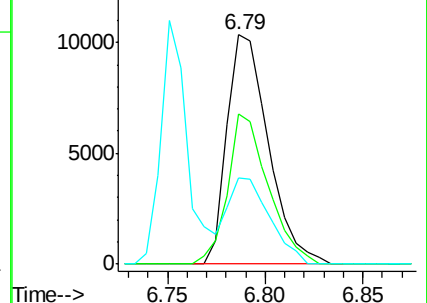
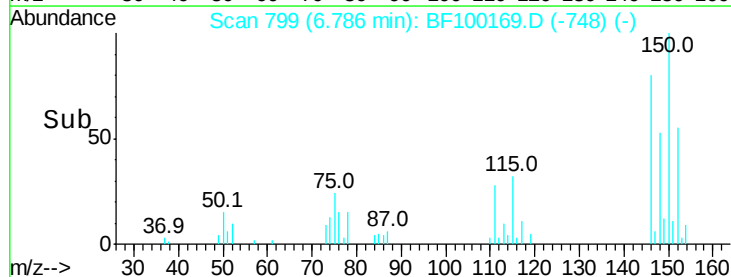
111 37.4 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

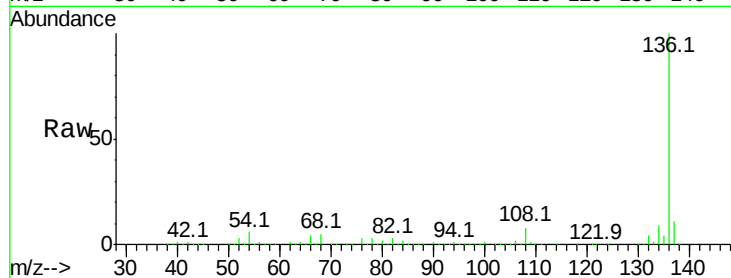




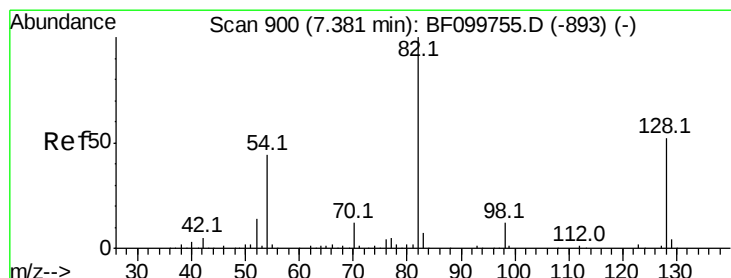
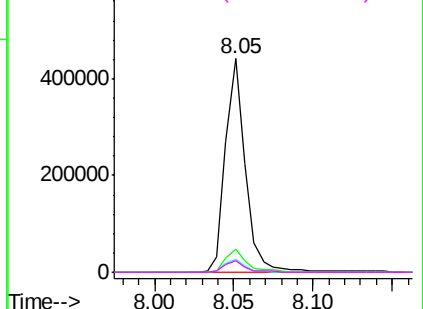
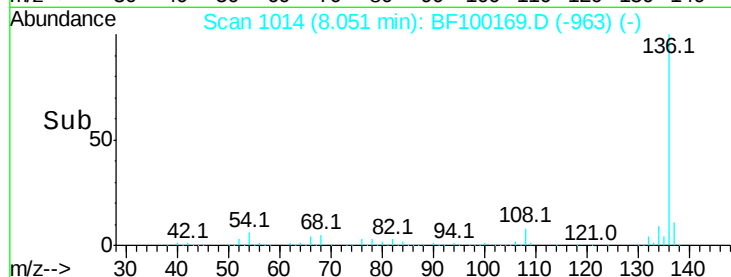
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BF100169.D
Acq: 4 Nov 2017 8:00

Instrument :
BNA_F
ClientSampleId :
RLF-FD-01

Tot Ion:	136	Resp:	384433
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.1	6.6	9.8#
68	5.4	5.0	7.4

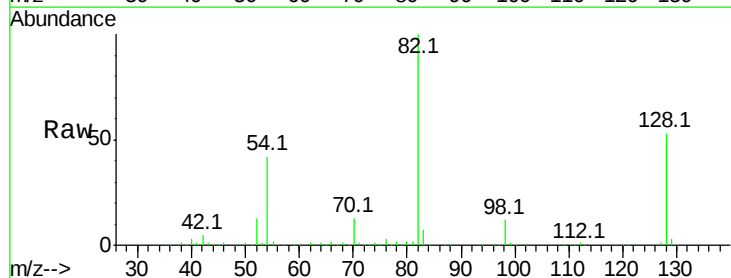


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

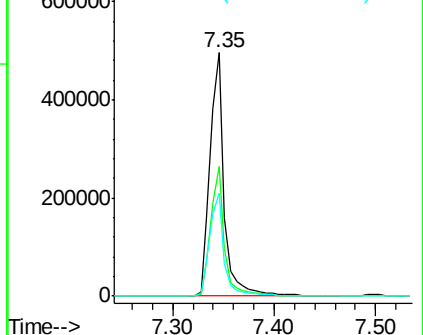
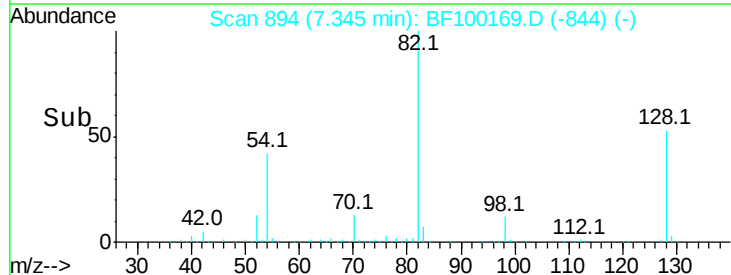


#23
Nitrobenzene-d5
Concen: 81.269 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF100169.D
Acq: 4 Nov 2017 8:00

Tgt Ion:	82	Resp:	485277
Ion	Ratio	Lower	Upper
82	100		
128	53.4	36.1	54.1
54	42.5	41.4	62.2



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

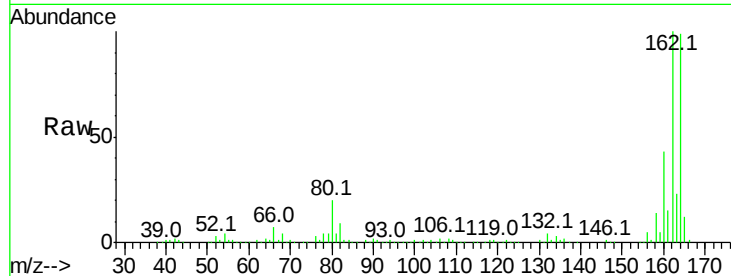




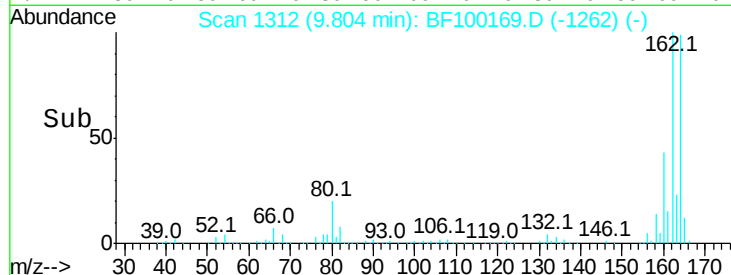
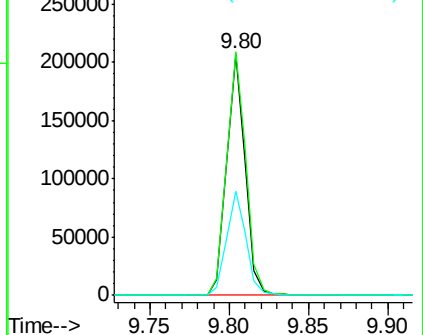
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF100169.D
Acq: 4 Nov 2017 8:00

Instrument :
BNA_F
ClientSampleId :
RLF-FD-01

Tot Ion:164 Resp: 167413
Ion Ratio Lower Upper
164 100
162 100.8 86.1 129.1
160 43.2 38.3 57.5

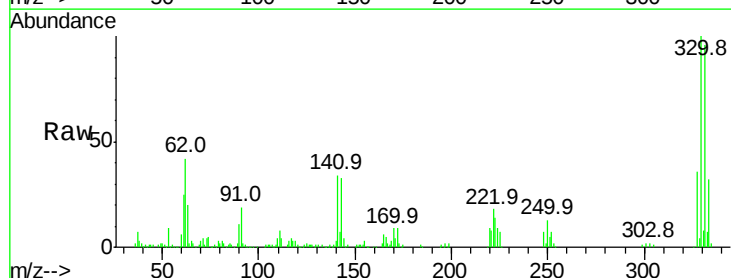


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

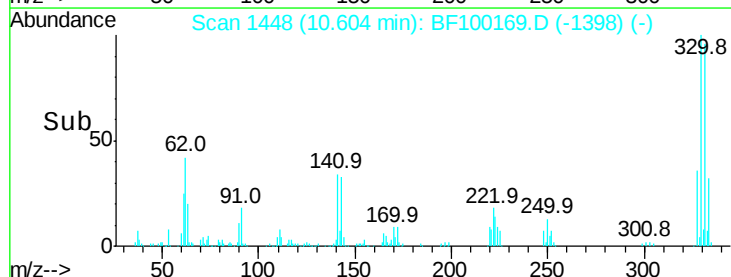
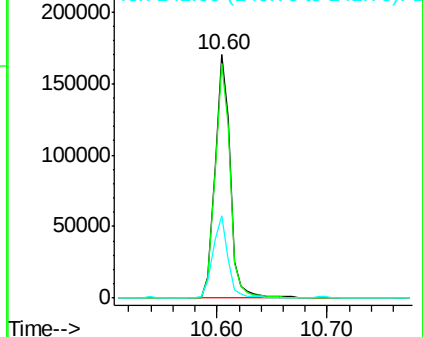


#41
2,4,6-Tribromophenol
Concen: 105.656 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF100169.D
Acq: 4 Nov 2017 8:00

Tgt Ion:330 Resp: 161195
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.6
141 33.4 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

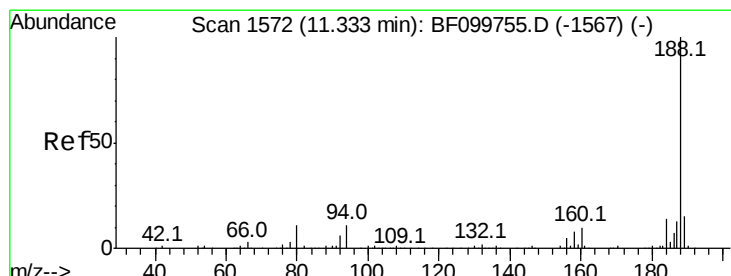
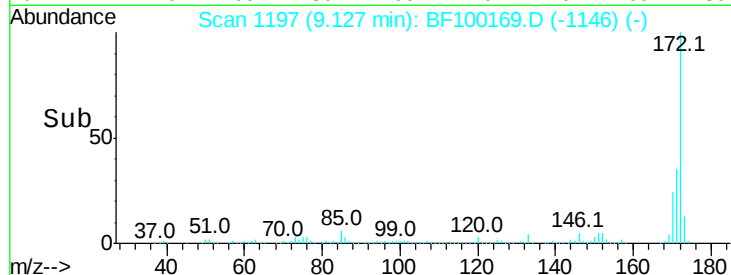
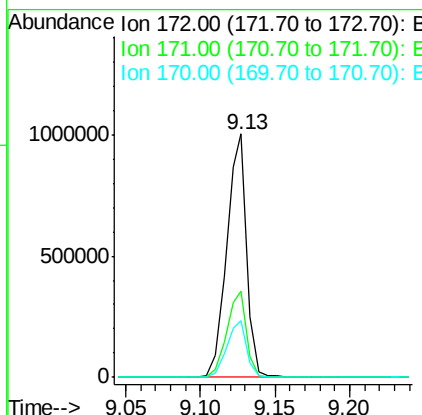
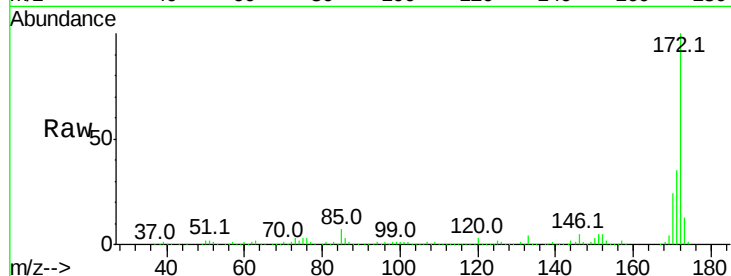




#44
 2-Fluorobiphenyl
 Concen: 87.129 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF100169.D
 Acq: 4 Nov 2017 8:00

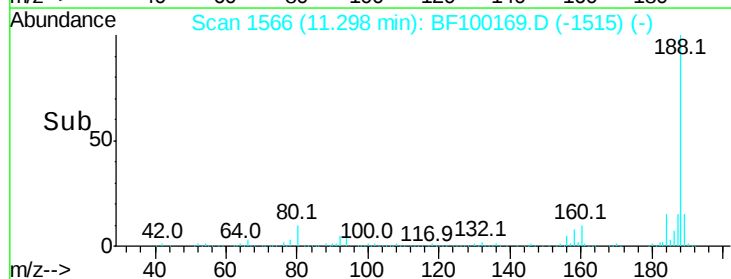
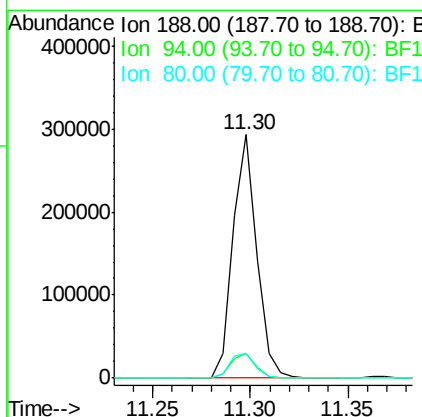
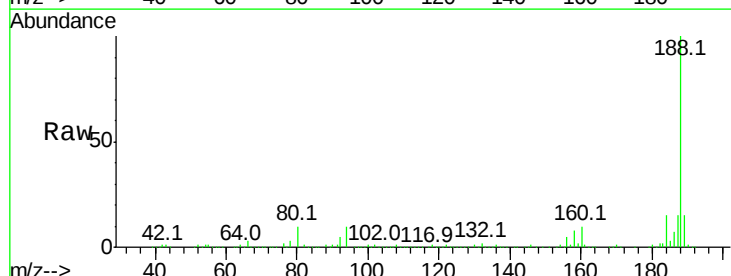
Instrument :
 BNA_F
 ClientSampleId :
 RLF-FD-01

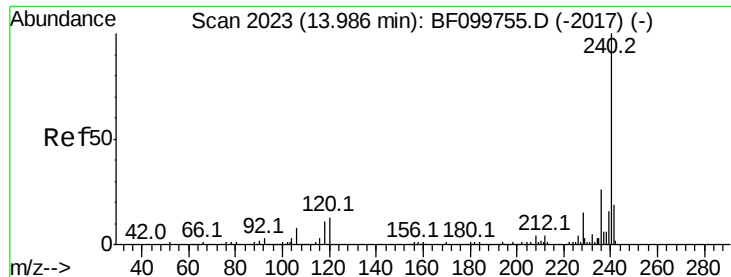
Tot Ion:172 Resp: 945433
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.7 44.5
 170 23.5 19.6 29.4



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: BF100169.D
 Acq: 4 Nov 2017 8:00

Tgt Ion:188 Resp: 247858
 Ion Ratio Lower Upper
 188 100
 94 10.0 8.5 12.7
 80 10.2 9.2 13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF100169.D

Acq: 4 Nov 2017 8:00

Instrument :

BNA_F

ClientSampleId :

RLF-FD-01

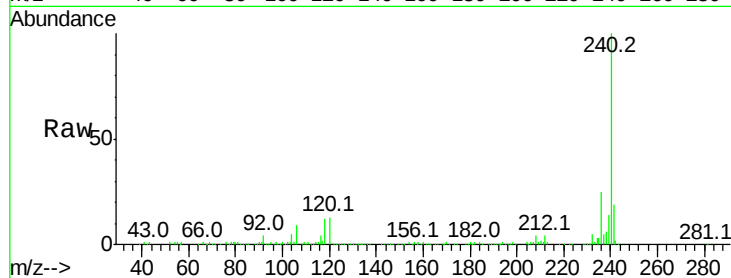
Tot Ion:240 Resp: 161017

Ion Ratio Lower Upper

240 100

120 13.0 9.5 14.3

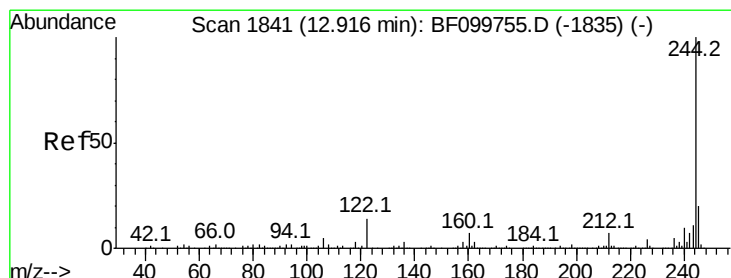
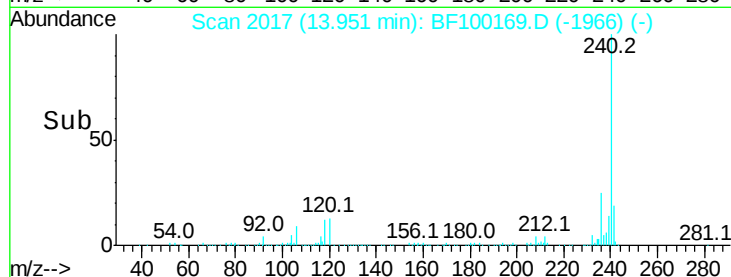
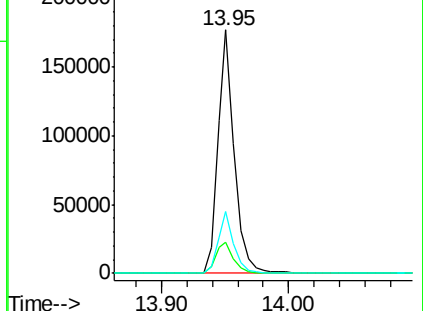
236 25.3 20.7 31.1



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: 81.229 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.00 min

Lab File: BF100169.D

Acq: 4 Nov 2017 8:00

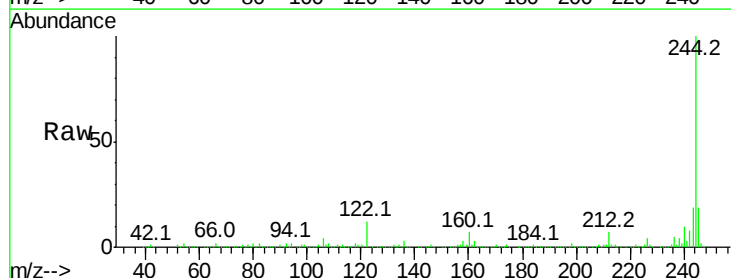
Tgt Ion:244 Resp: 598493

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

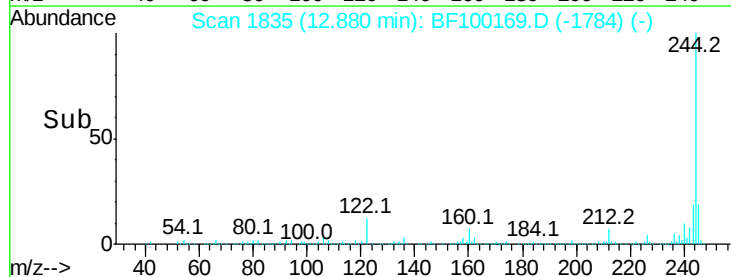
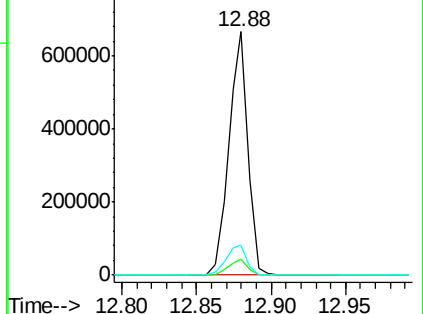
122 12.4 11.0 16.4

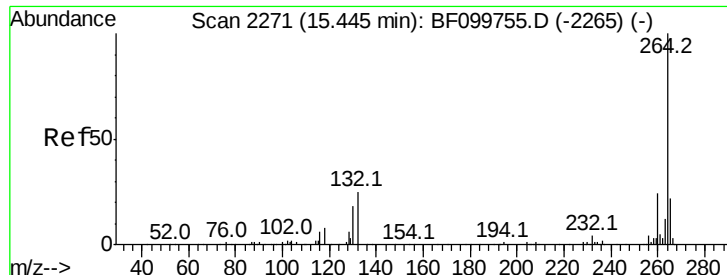


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

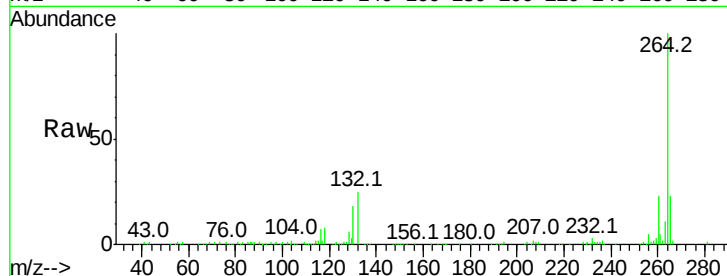




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. -0.00 min
 Lab File: BF100169.D
 Acq: 4 Nov 2017 8:00

Instrument :
 BNA_F
 ClientSampleId :
 RLF-FD-01

Tot Ion: 264 Resp: 164587
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.2 28.8
 265 23.3 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

