

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100617\
 Data File : BF099150.D
 Acq On : 6 Oct 2017 16:33
 Operator : SJ/JU
 Sample : PB102939BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102939BL

Quant Time: Oct 06 23:08:10 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	117254	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	478561	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	215681	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	383306	20.00	ng	0.00
75) Chrysene-d12	14.02	240	260367	20.00	ng	-0.01
86) Perylene-d12	15.50	264	195400	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	905849	122.98	ng	0.01
7) Phenol-d6	6.50	99	1068646	117.61	ng	0.00
23) Nitrobenzene-d5	7.43	82	644853	86.41	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	224283	127.08	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1189189	92.05	ng	0.00
78) Terphenyl-d14	12.97	244	1040135	90.85	ng	0.00

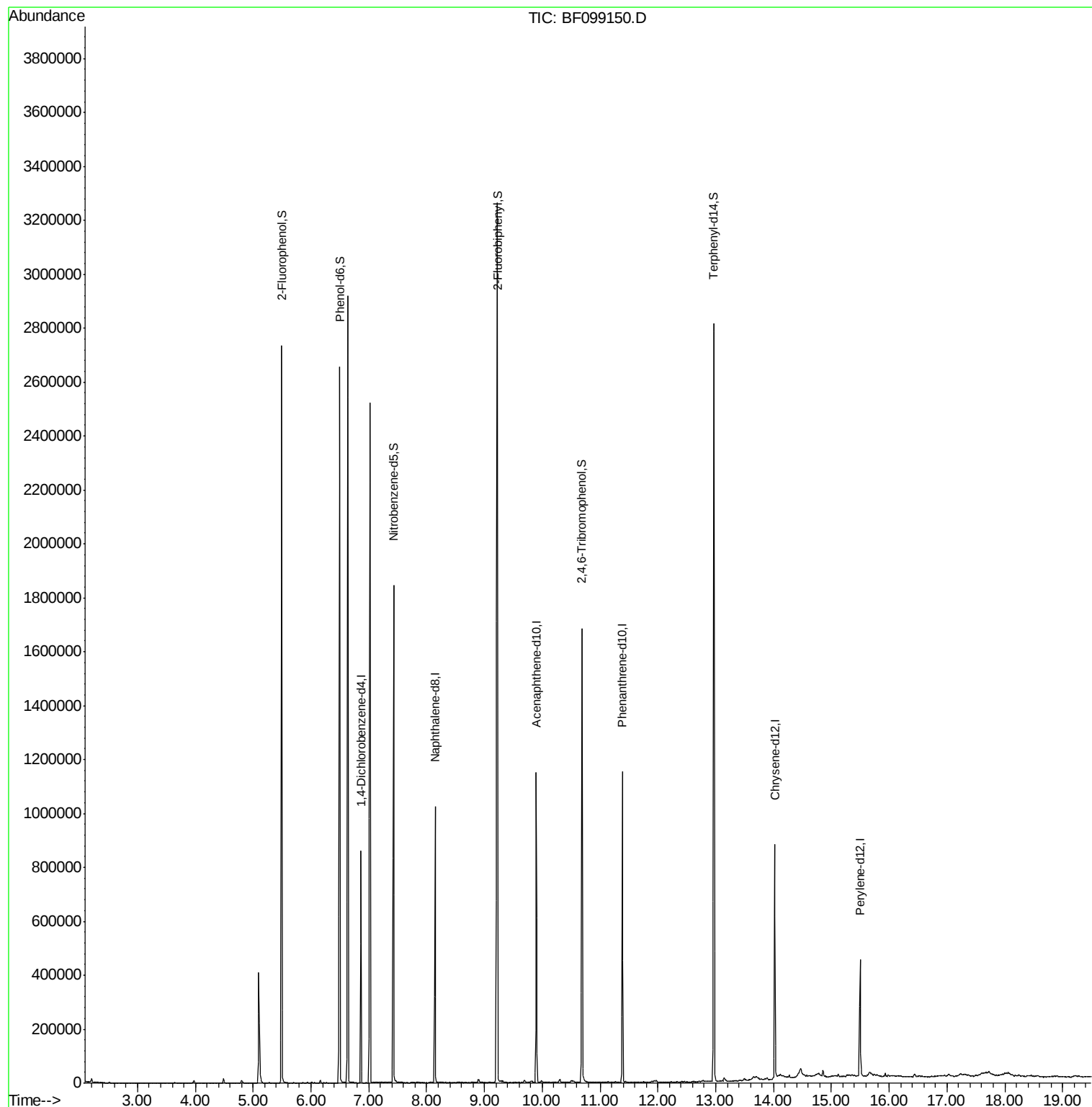
Target Compounds	Qvalue
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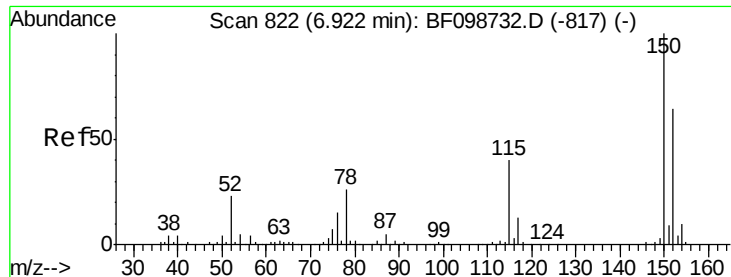
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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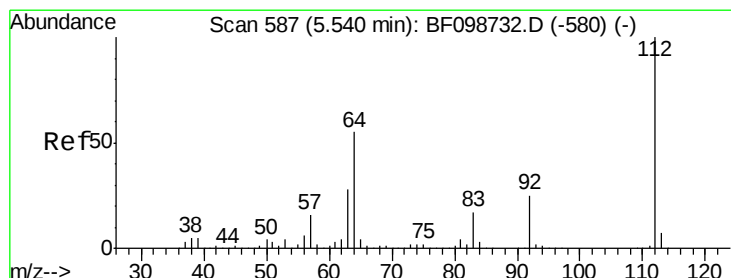
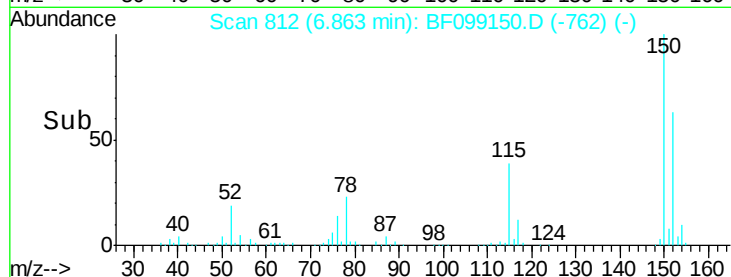
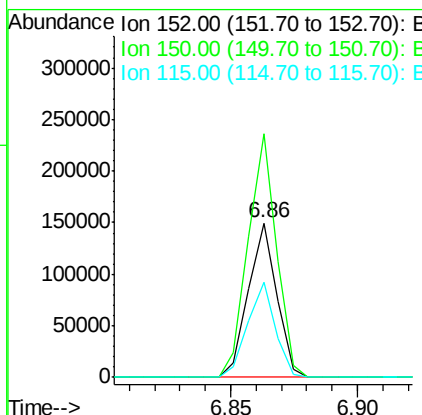
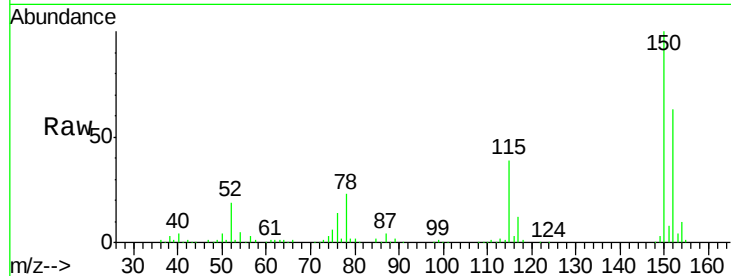




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099150.D
 Acq: 6 Oct 2017 16:33

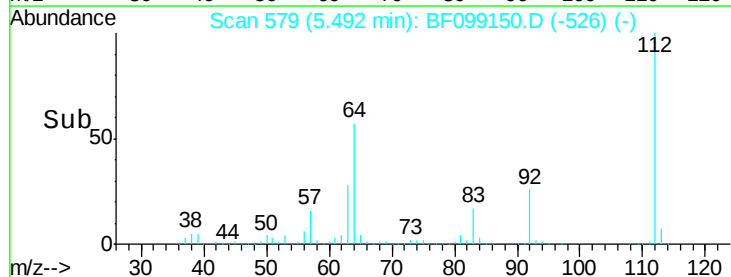
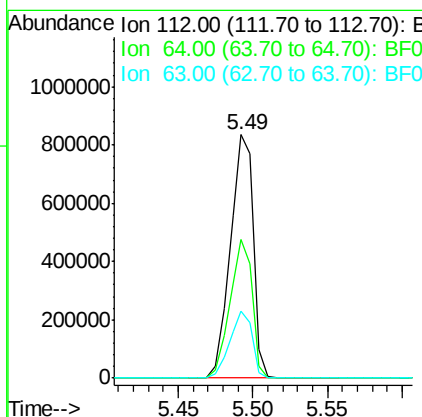
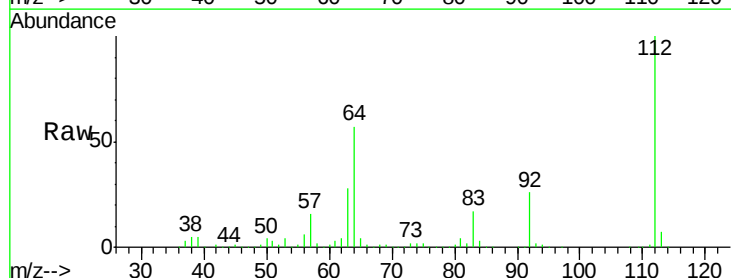
Instrument :
 BNA_F
 ClientSampleId :
 PB102939BL

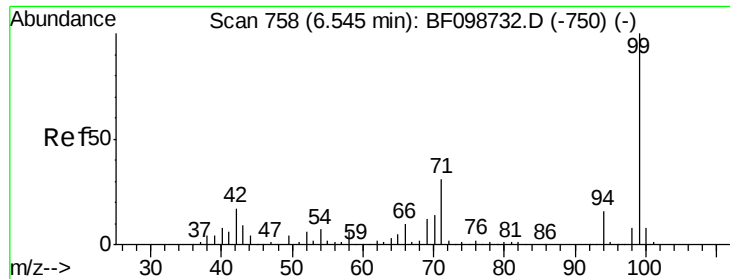
Tgt Ion:152 Resp: 117254
 Ion Ratio Lower Upper
 152 100
 150 157.9 124.6 186.8
 115 61.6 50.1 75.1



#5
 2-Fluorophenol
 Concen: 122.98 ng
 RT: 5.49 min Scan# 579
 Delta R.T. 0.01 min
 Lab File: BF099150.D
 Acq: 6 Oct 2017 16:33

Tgt Ion:112 Resp: 905849
 Ion Ratio Lower Upper
 112 100
 64 57.1 47.9 71.9
 63 27.6 23.7 35.5





#7

Phenol-d6

Concen: 117.61 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF099150.D

Acq: 6 Oct 2017 16:33

Instrument :

BNA_F

ClientSampleId :

PB102939BL

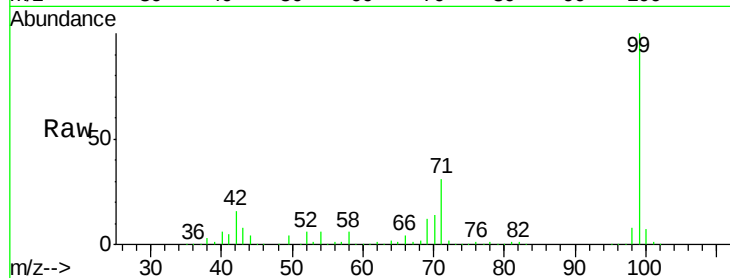
Tgt Ion: 99 Resp: 1068646

Ion Ratio Lower Upper

99 100

42 15.6 14.5 21.7

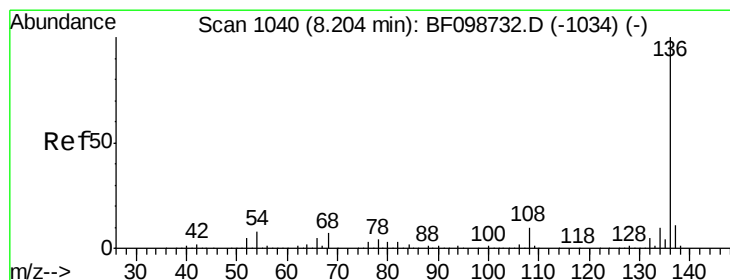
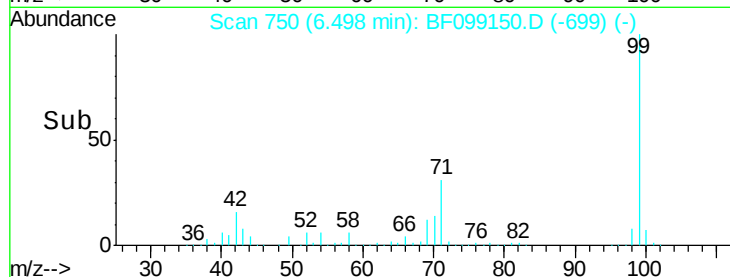
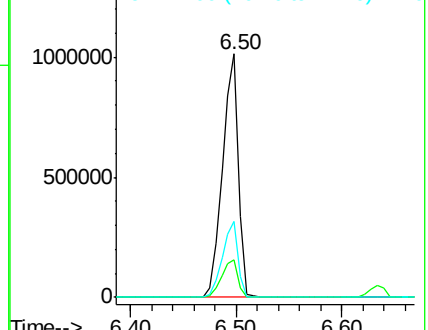
71 31.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF099150.D

Acq: 6 Oct 2017 16:33

Tgt Ion: 136 Resp: 478561

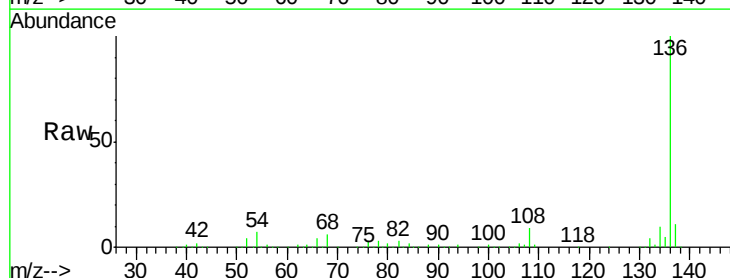
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.9 6.6 9.8

68 5.7 5.0 7.4

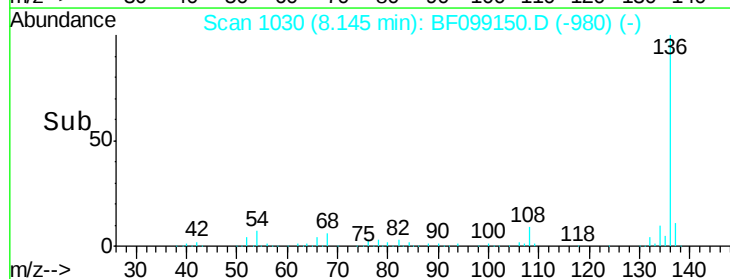
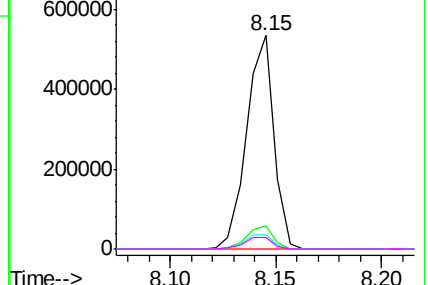


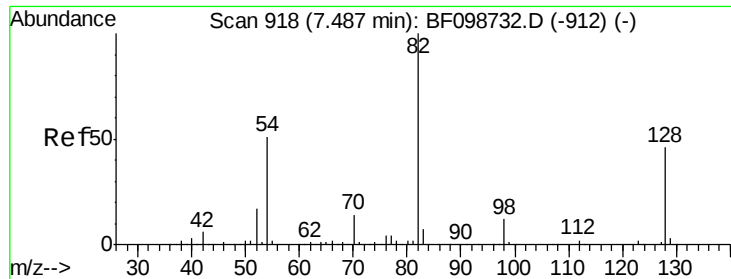
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

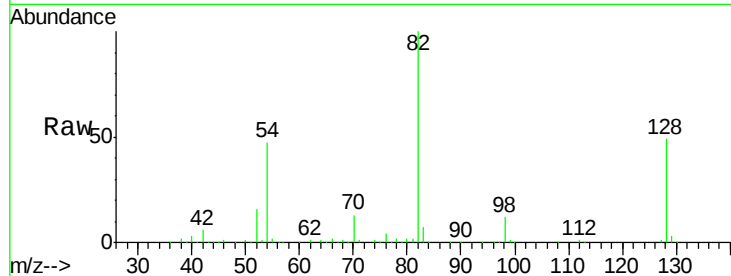




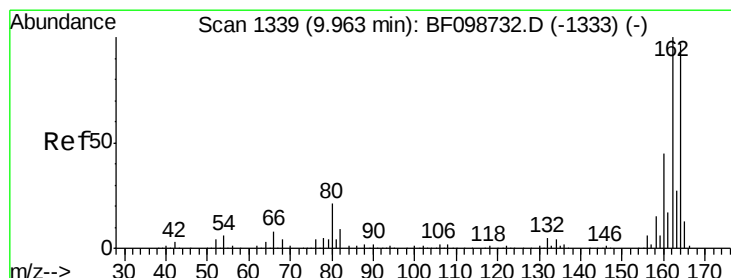
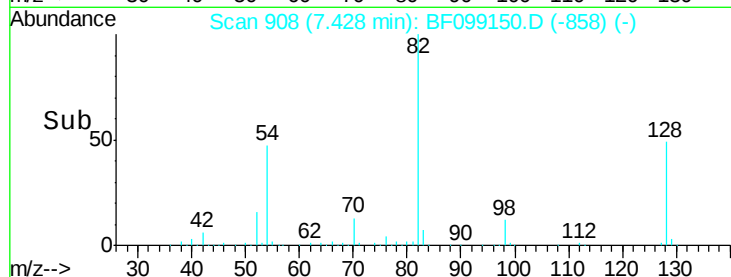
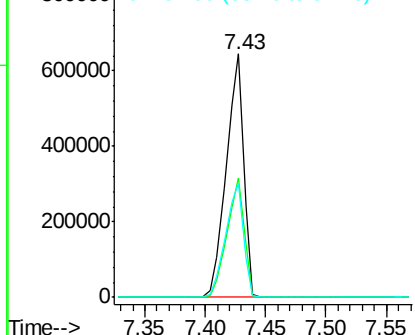
#23
 Nitrobenzene-d5
 Concen: 86.41 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099150.D
 Acq: 6 Oct 2017 16:33

Instrument :
 BNA_F
 ClientSampleId :
 PB102939BL

Tgt Ion: 82 Resp: 644853
 Ion Ratio Lower Upper
 82 100
 128 48.9 36.1 54.1
 54 47.2 41.4 62.2

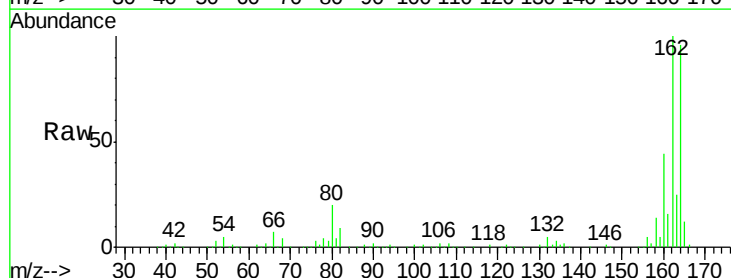


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

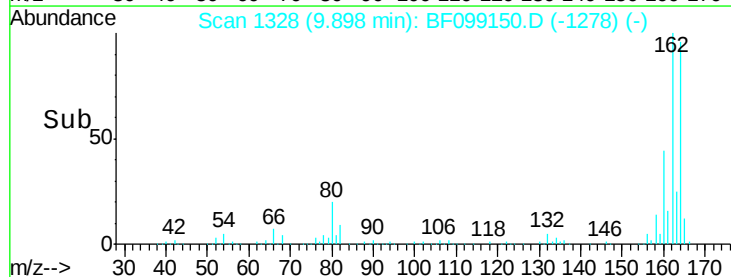
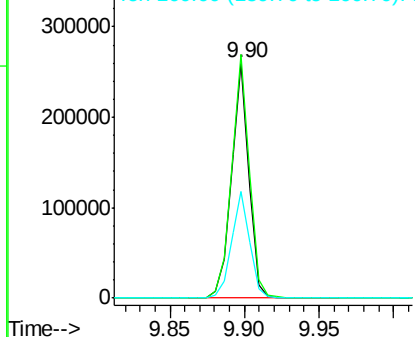


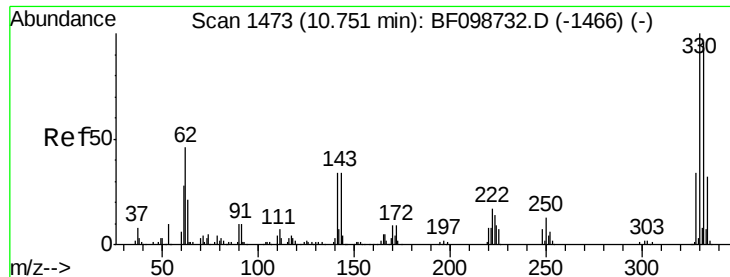
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF099150.D
 Acq: 6 Oct 2017 16:33

Tgt Ion: 164 Resp: 215681
 Ion Ratio Lower Upper
 164 100
 162 103.7 86.1 129.1
 160 45.4 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

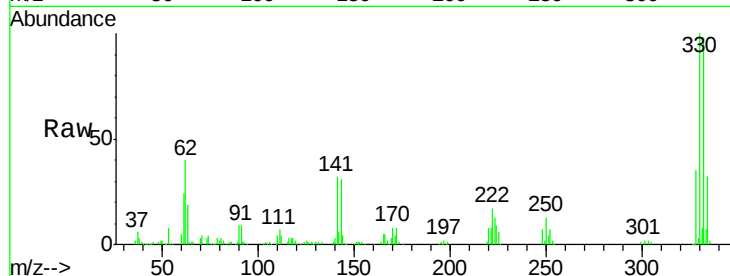




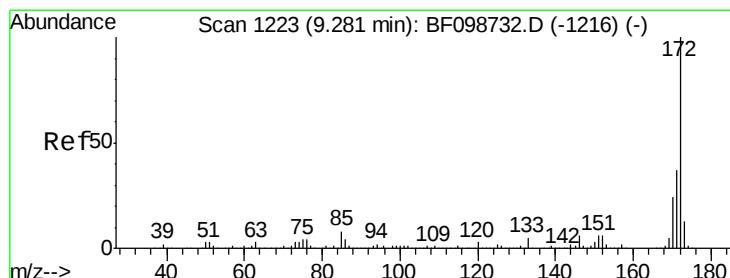
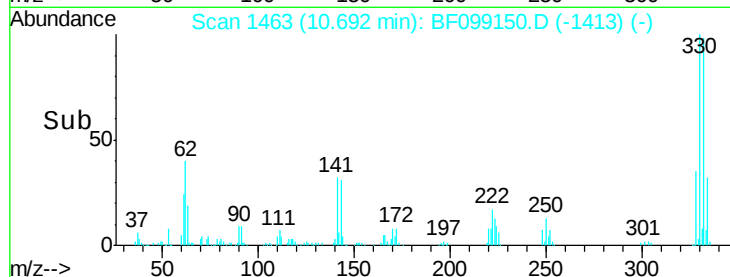
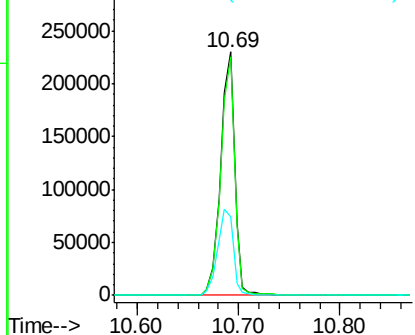
#41
 2,4,6-Tribromophenol
 Concen: 127.08 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099150.D
 Acq: 6 Oct 2017 16:33

Instrument :
 BNA_F
 ClientSampleId :
 PB102939BL

Tgt Ion:330 Resp: 224283
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 39.4 29.9 44.9

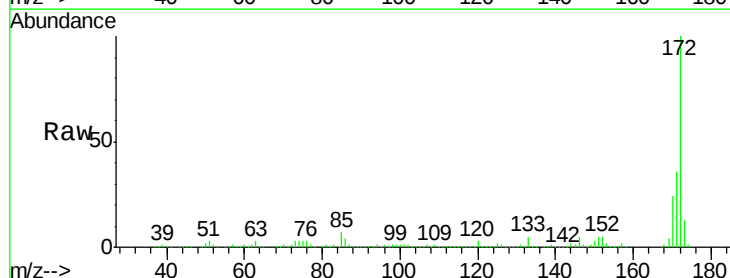


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

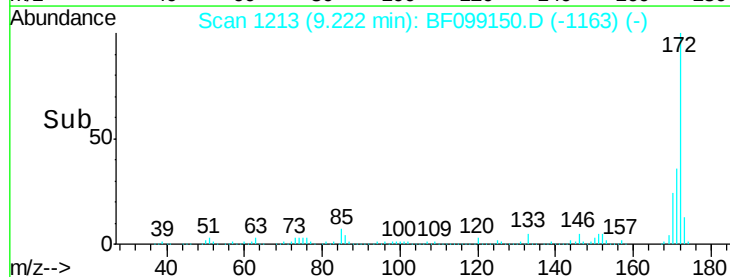
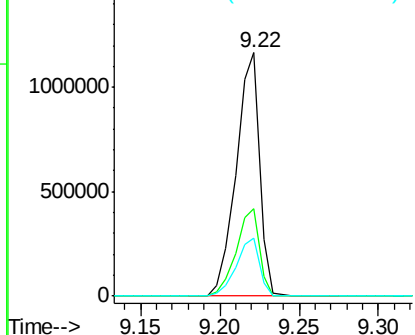


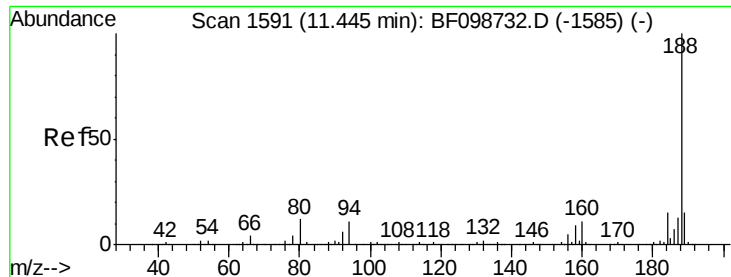
#44
 2-Fluorobiphenyl
 Concen: 92.05 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099150.D
 Acq: 6 Oct 2017 16:33

Tgt Ion:172 Resp: 1189189
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 23.8 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

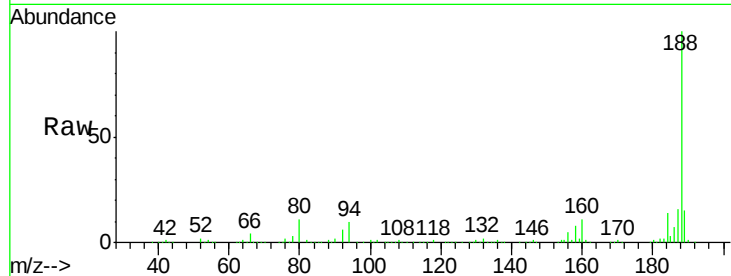




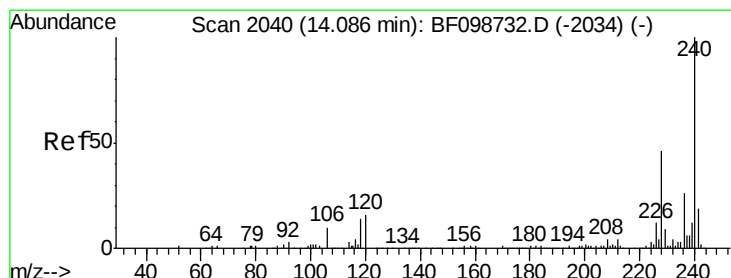
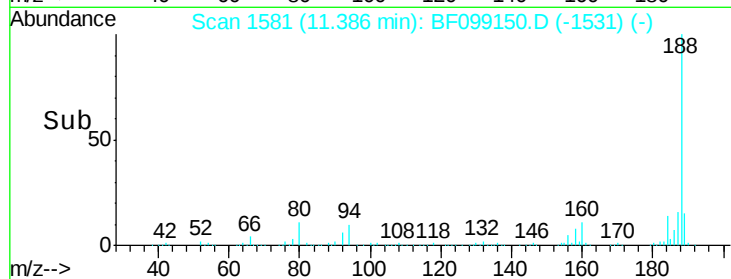
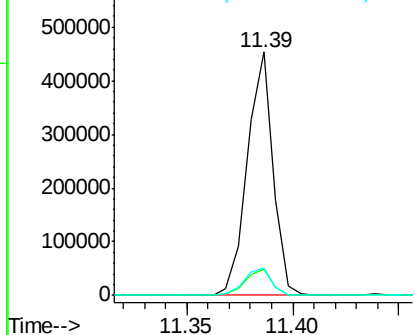
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099150.D
Acq: 6 Oct 2017 16:33

Instrument :
BNA_F
ClientSampleId :
PB102939BL

Tgt Ion:188 Resp: 383306
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.4 9.2 13.8

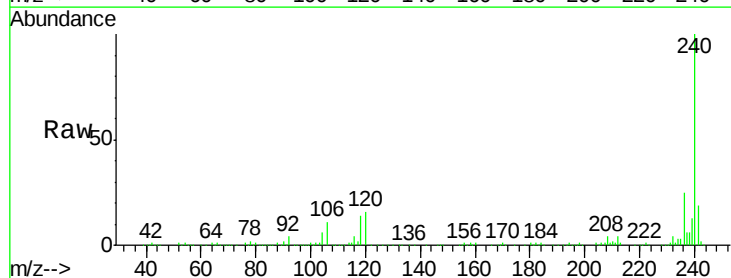


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

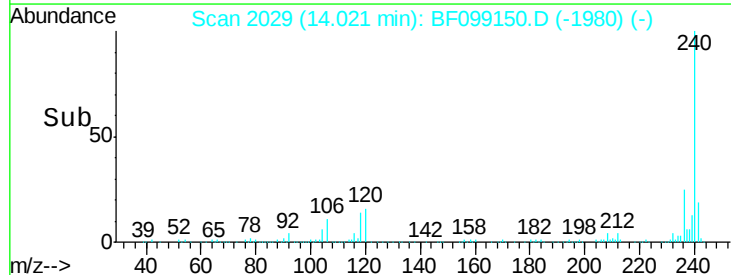
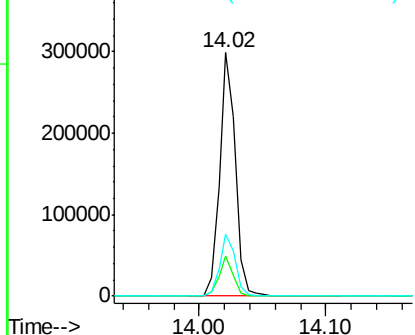


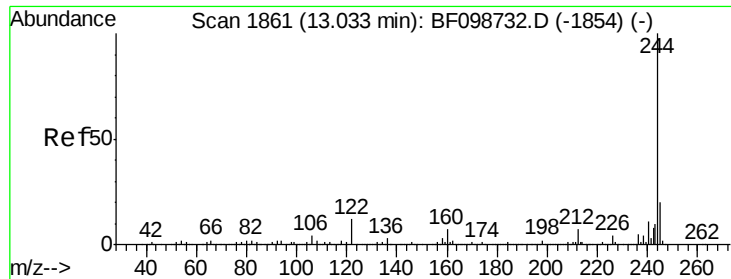
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF099150.D
Acq: 6 Oct 2017 16:33

Tgt Ion:240 Resp: 260367
Ion Ratio Lower Upper
240 100
120 16.4 9.5 14.3#
236 25.2 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

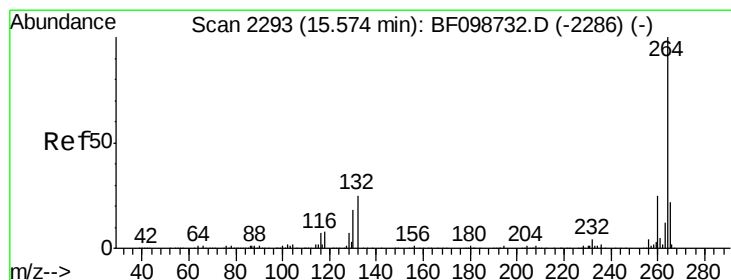
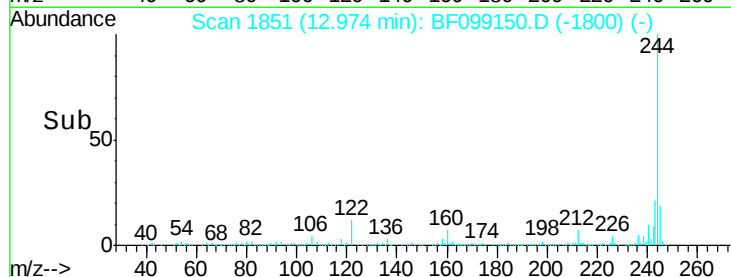
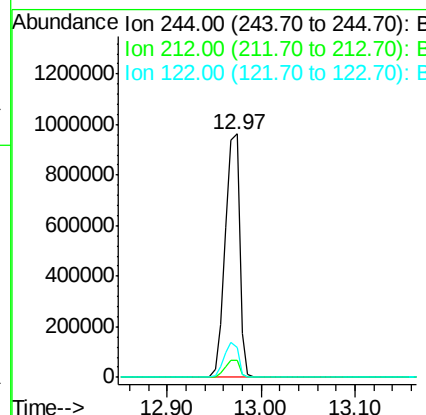
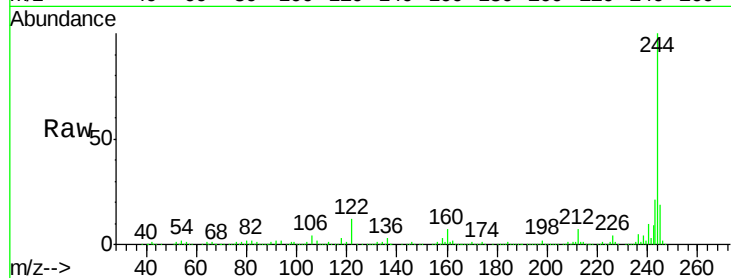




#78
 Terphenyl-d14
 Concen: 90.85 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: BF099150.D
 Acq: 6 Oct 2017 16:33

Instrument :
 BNA_F
 ClientSampleId :
 PB102939BL

Tgt Ion:244 Resp: 1040135
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 12.3 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF099150.D
 Acq: 6 Oct 2017 16:33

Tgt Ion:264 Resp: 195400
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.3 17.5 26.3

