

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110317\
 Data File : BF100141.D
 Acq On : 3 Nov 2017 18:16
 Operator : SJ/JU
 Sample : I6276-02 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Quant Time: Nov 03 19:29:11 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	101194	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	417704	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	199654	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	347559	20.00	ng	0.00
75) Chrysene-d12	13.95	240	217992	20.00	ng	0.00
86) Perylene-d12	15.41	264	149185	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	46722	7.25	ng	0.03
7) Phenol-d6	6.48	99	50815	6.65	ng	0.05
23) Nitrobenzene-d5	7.35	82	109984	16.95	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	29139	16.02	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	264073	20.41	ng	0.00
78) Terphenyl-d14	12.88	244	224787	22.53	ng	0.00

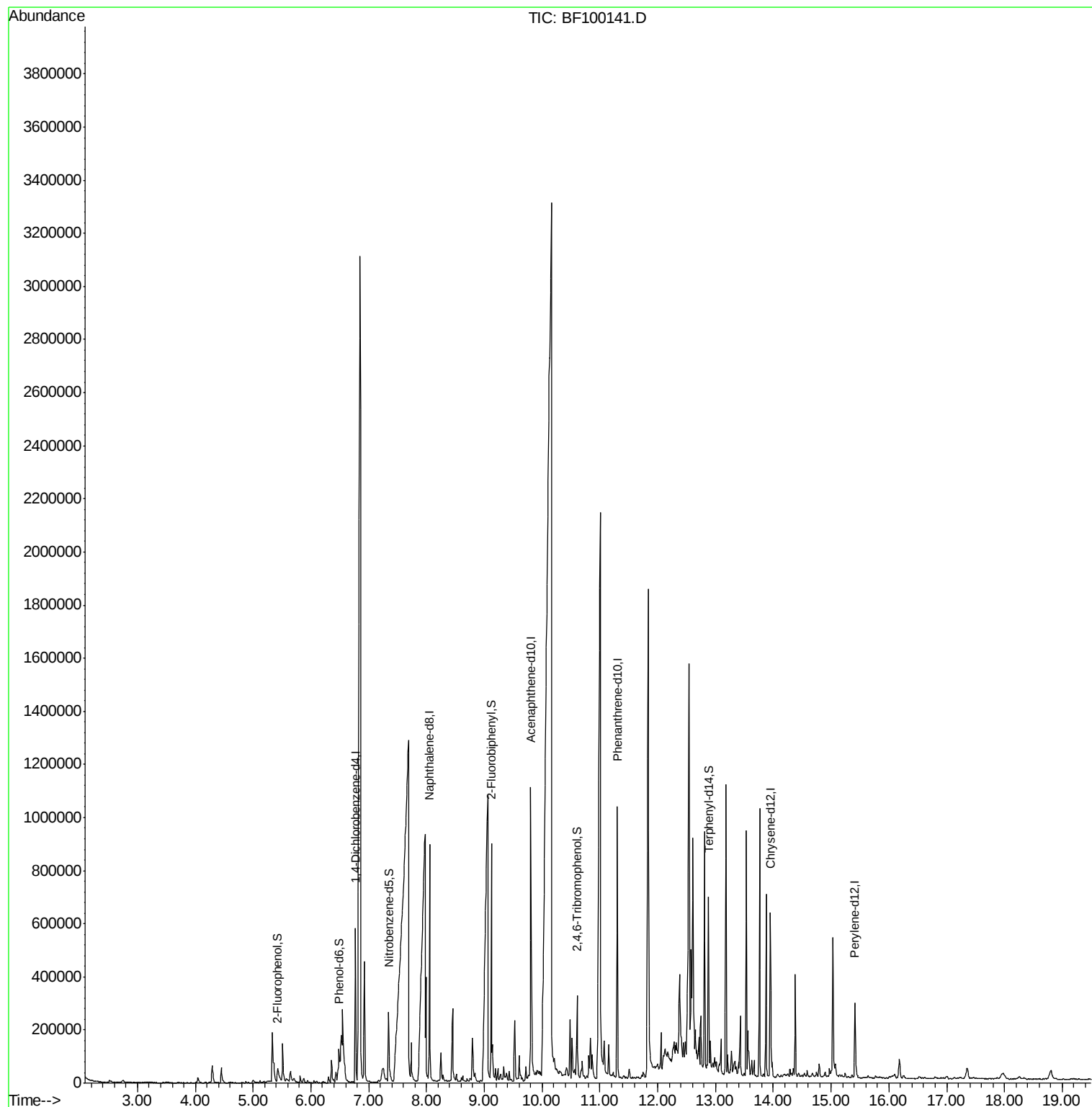
Target Compounds	Qvalue
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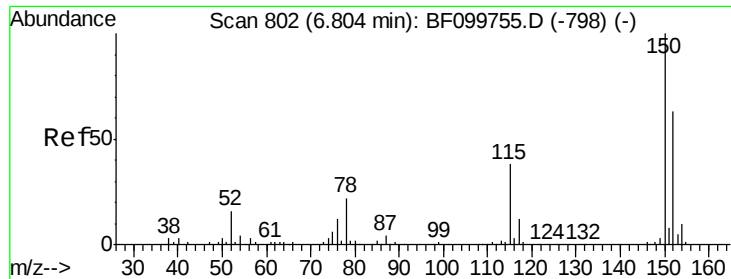
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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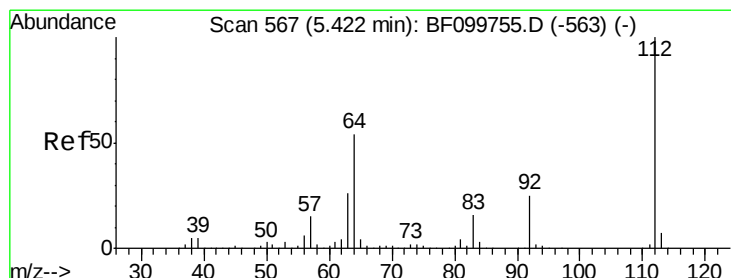
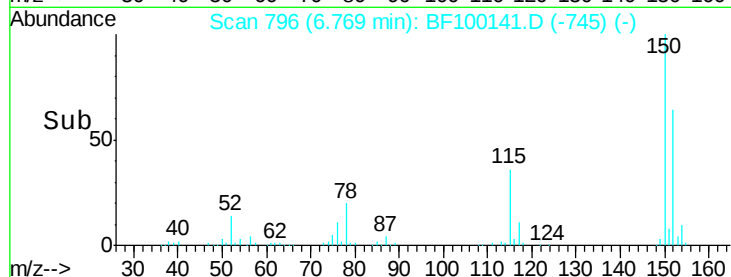
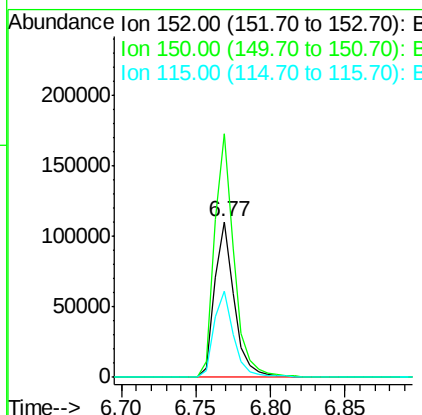
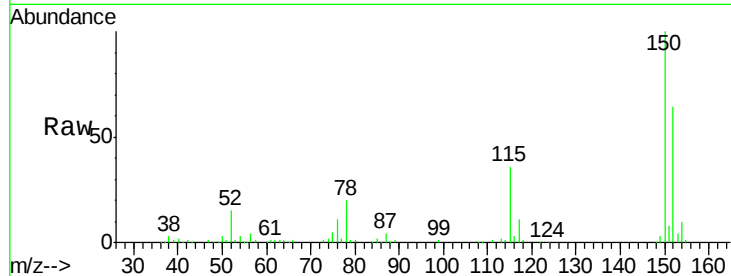




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF100141.D
 Acq: 3 Nov 2017 18:16

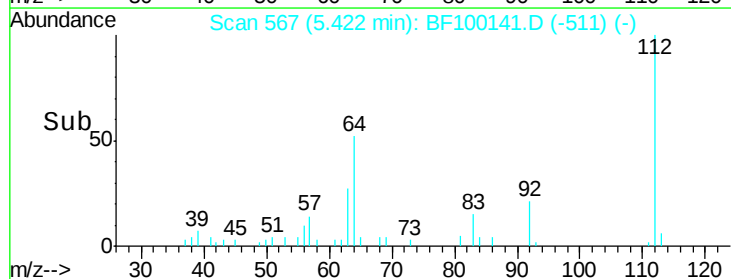
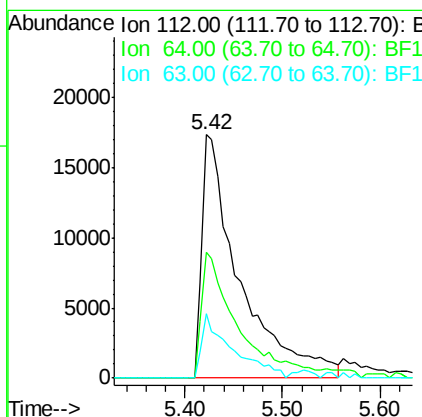
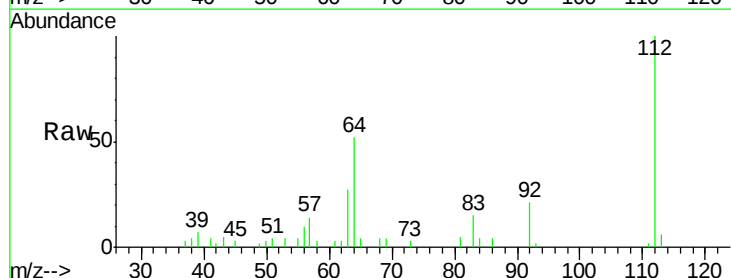
Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

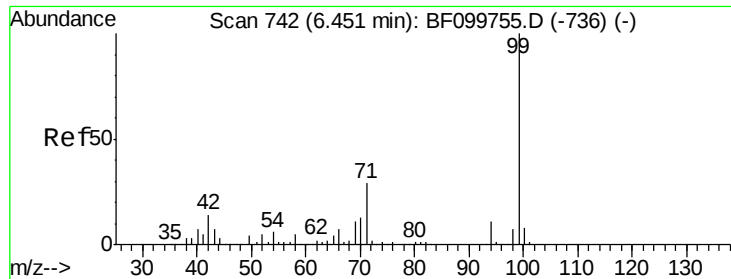
Tgt Ion:152 Resp: 101194
 Ion Ratio Lower Upper
 152 100
 150 156.2 124.6 186.8
 115 55.7 50.1 75.1



#5
 2-Fluorophenol
 Concen: 7.249 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.03 min
 Lab File: BF100141.D
 Acq: 3 Nov 2017 18:16

Tgt Ion:112 Resp: 46722
 Ion Ratio Lower Upper
 112 100
 64 51.8 47.9 71.9
 63 26.5 23.7 35.5





#7

Phenol-d6

Concen: 6.649 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.05 min

Lab File: BF100141.D

Acq: 3 Nov 2017 18:16

Instrument :

BNA_F

ClientSampleId :

EFF-WW

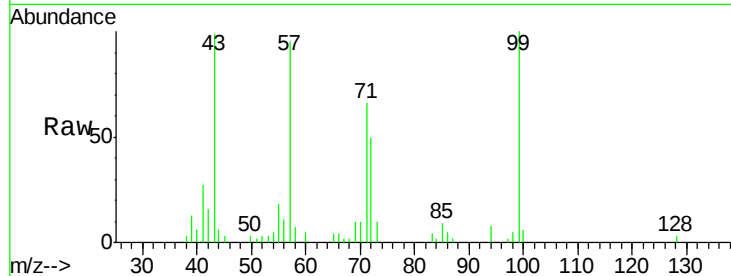
Tgt Ion: 99 Resp: 50815

Ion Ratio Lower Upper

99 100

42 16.5 14.5 21.7

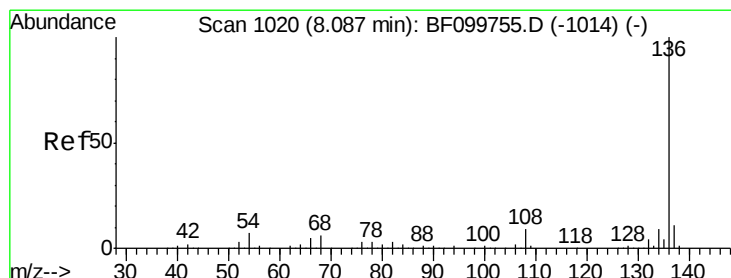
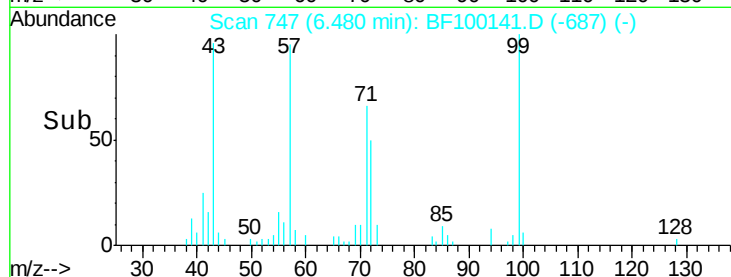
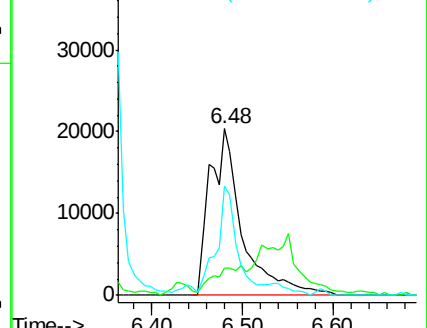
71 65.9 25.4 38.0#



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BF100141.D

Acq: 3 Nov 2017 18:16

Tgt Ion: 136 Resp: 417704

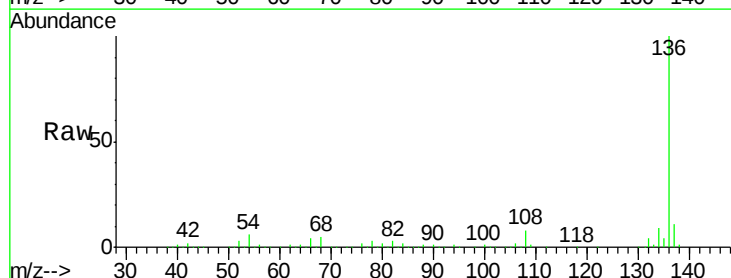
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.1 6.6 9.8#

68 5.3 5.0 7.4

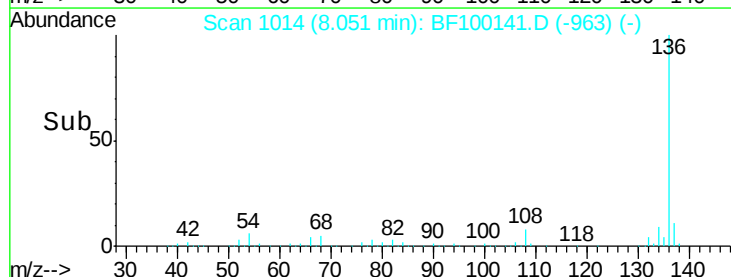
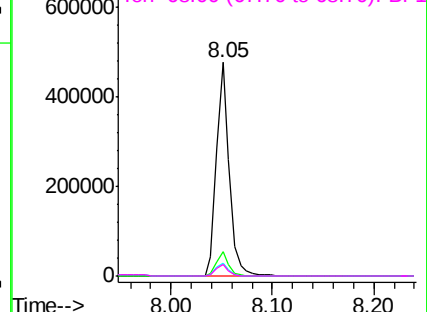


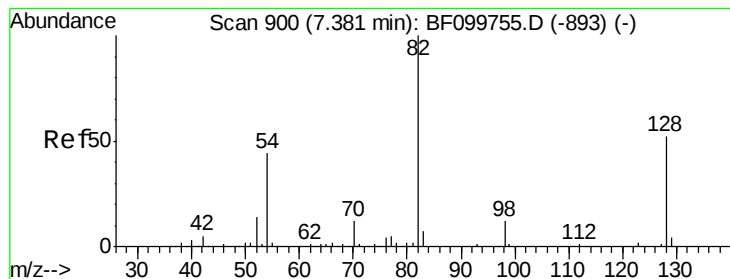
Abundance Ion 136.00 (135.70 to 136.70): E

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: 16.952 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF100141.D

Acq: 3 Nov 2017 18:16

Instrument :

BNA_F

ClientSampleId :

EFF-WW

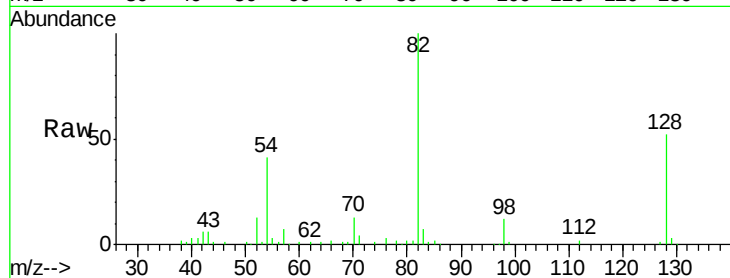
Tgt Ion: 82 Resp: 109984

Ion Ratio Lower Upper

82 100

128 52.4 36.1 54.1

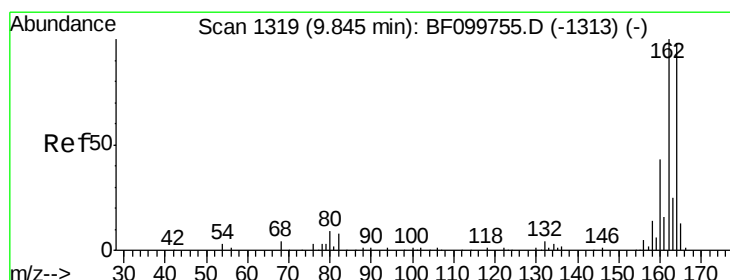
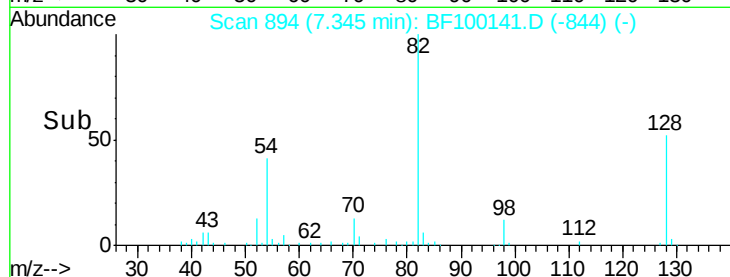
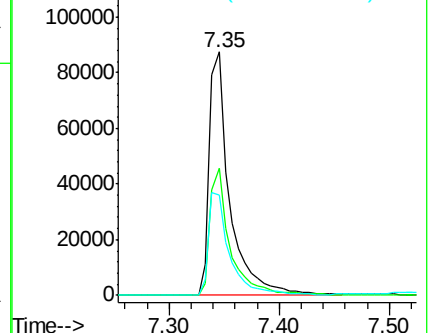
54 41.3 41.4 62.2#



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# 1312

Delta R.T. -0.01 min

Lab File: BF100141.D

Acq: 3 Nov 2017 18:16

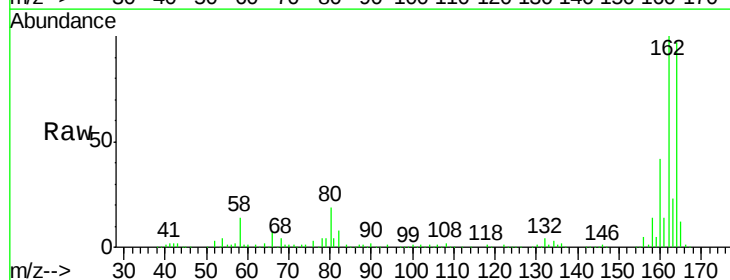
Tgt Ion: 164 Resp: 199654

Ion Ratio Lower Upper

164 100

162 103.6 86.1 129.1

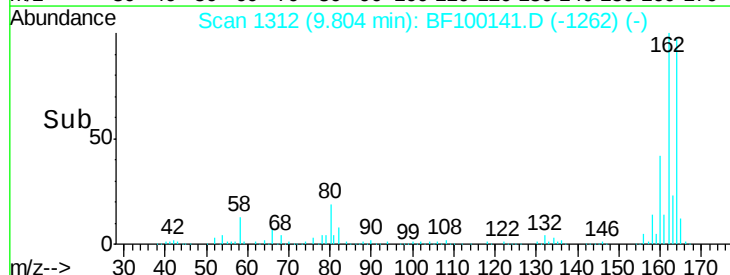
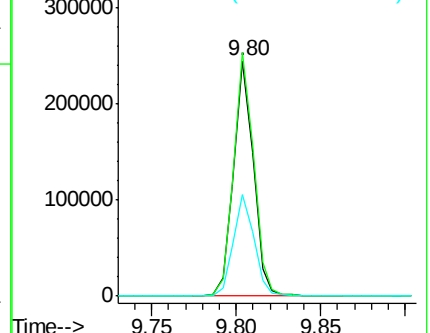
160 43.2 38.3 57.5

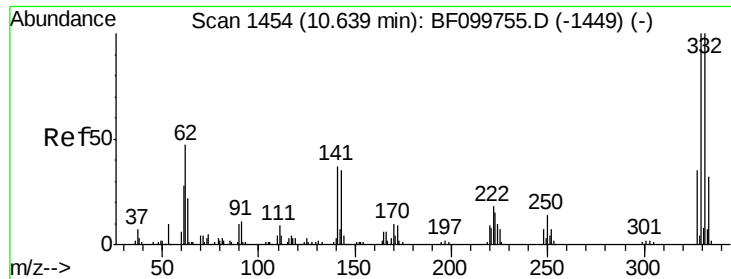


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

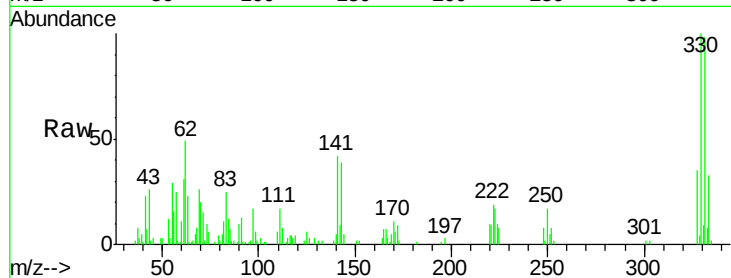




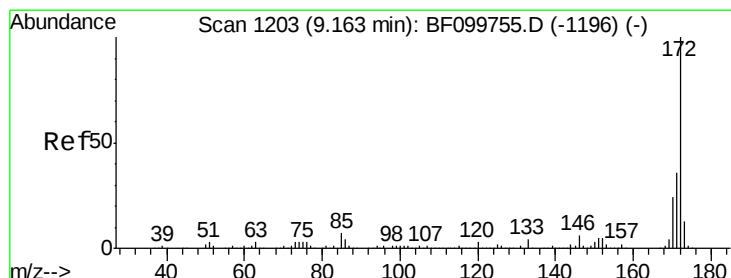
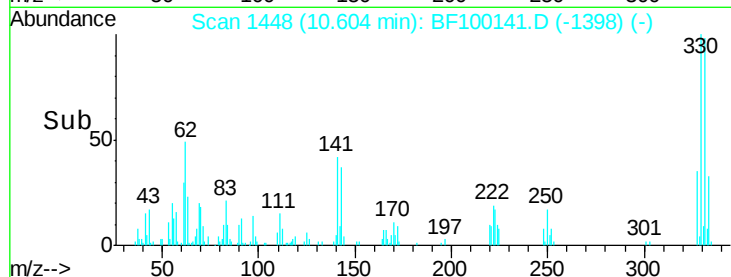
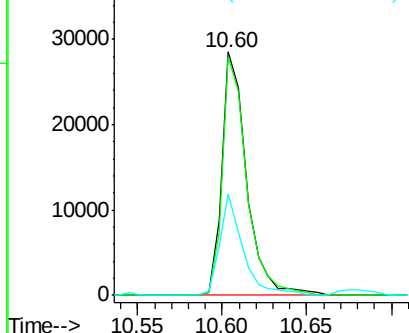
#41
 2,4,6-Tribromophenol
 Concen: 16.015 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF100141.D
 Acq: 3 Nov 2017 18:16

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Tgt Ion: 330 Resp: 29139
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 39.3 29.9 44.9

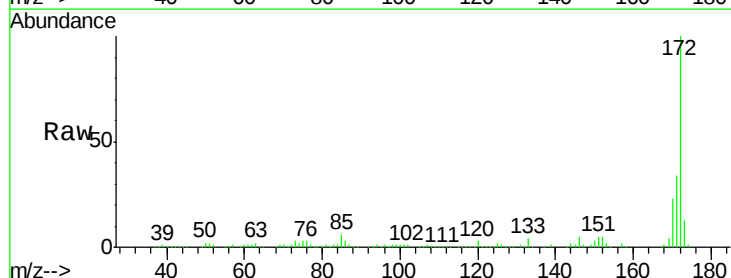


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

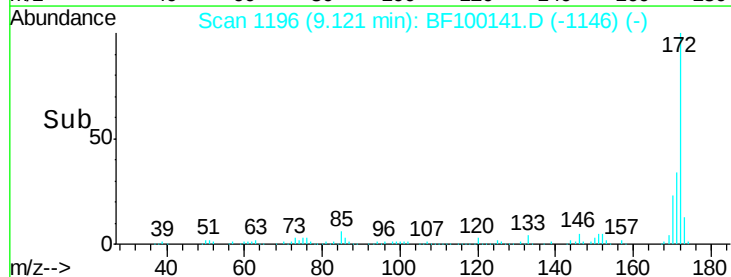
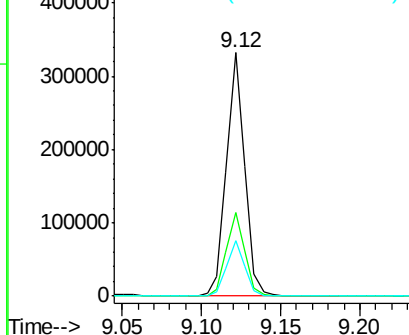


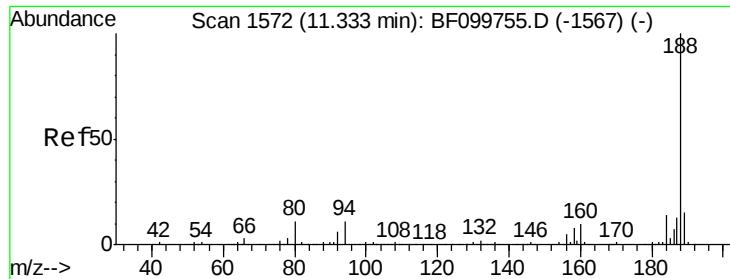
#44
 2-Fluorobiphenyl
 Concen: 20.406 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF100141.D
 Acq: 3 Nov 2017 18:16

Tgt Ion: 172 Resp: 264073
 Ion Ratio Lower Upper
 172 100
 171 34.1 29.7 44.5
 170 22.6 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

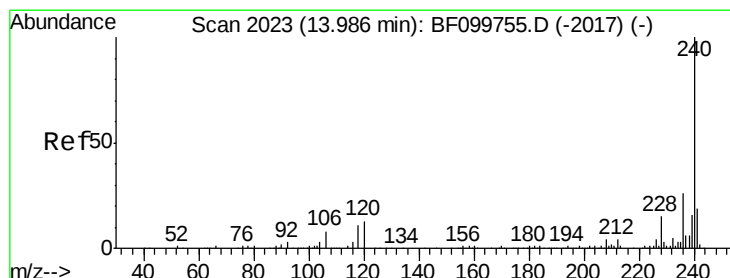
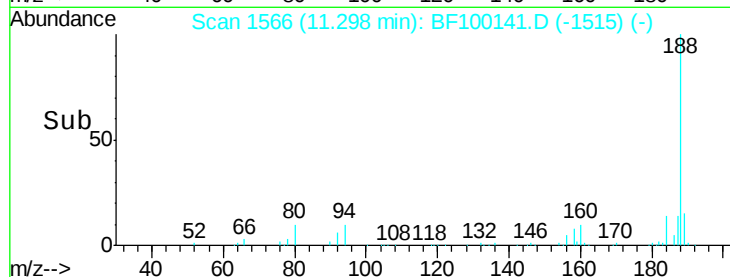
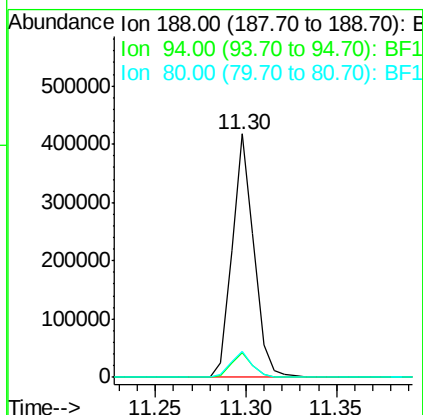
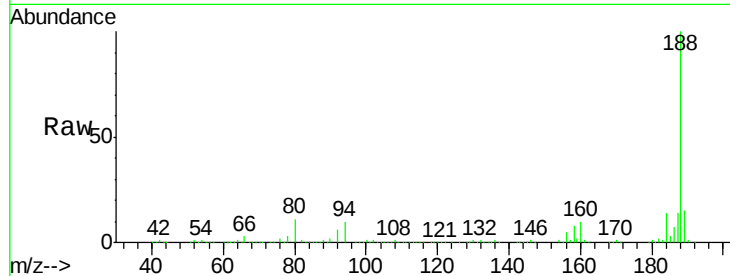




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.00 min
Lab File: BF100141.D
Acq: 3 Nov 2017 18:16

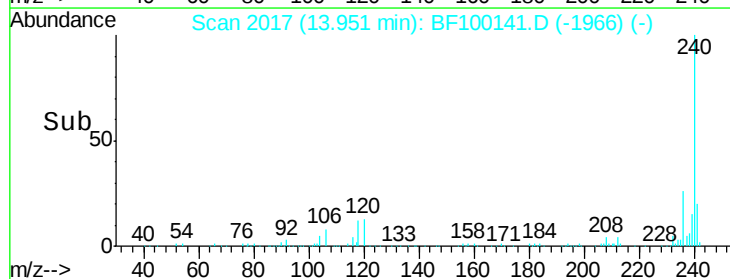
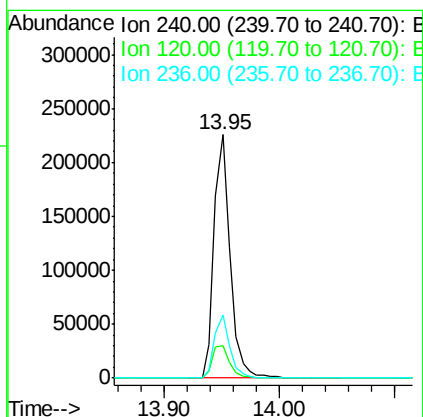
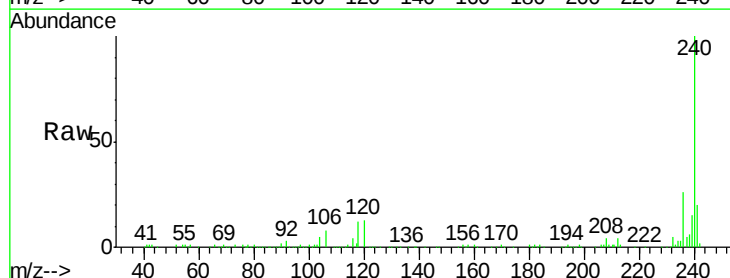
Instrument :
BNA_F
ClientSampled :
EFF-WW

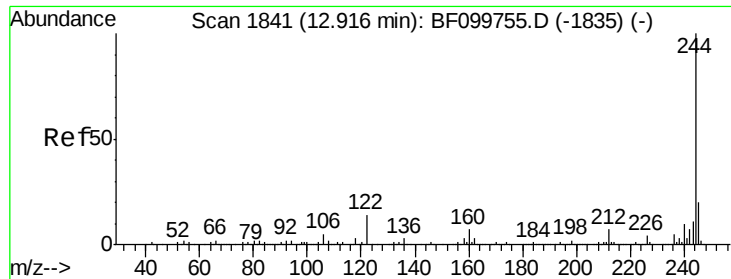
Tgt Ion:188 Resp: 347559
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 10.9 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BF100141.D
Acq: 3 Nov 2017 18:16

Tgt Ion:240 Resp: 217992
Ion Ratio Lower Upper
240 100
120 13.1 9.5 14.3
236 26.0 20.7 31.1

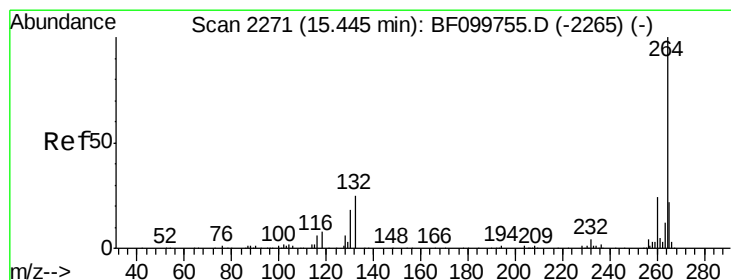
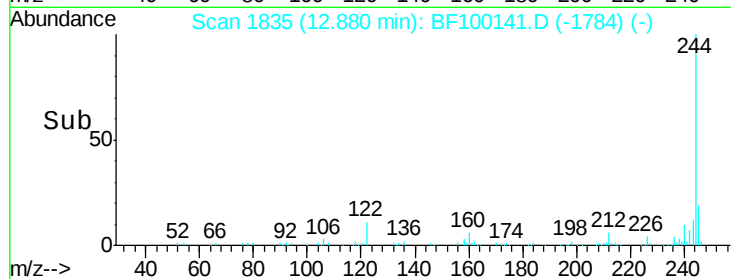
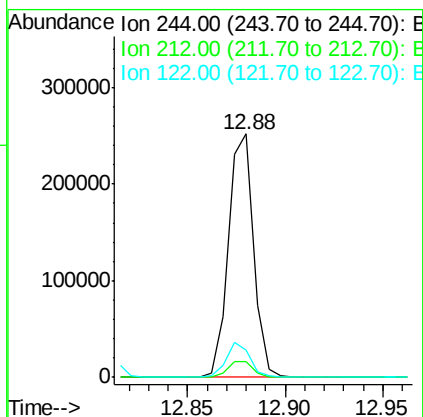
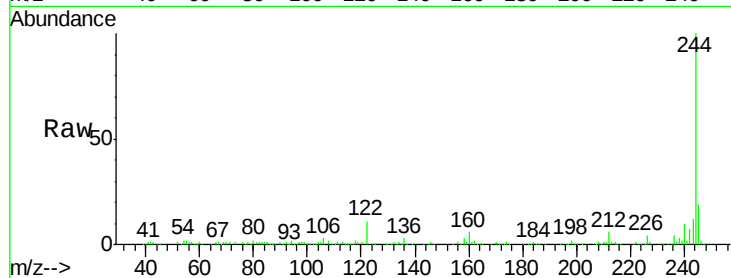




#78
 Terphenyl-d14
 Concen: 22.535 ng
 RT: 12.88 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: BF100141.D
 Acq: 3 Nov 2017 18:16

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Tgt Ion:244 Resp: 224787
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.0
 122 11.2 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. -0.00 min
 Lab File: BF100141.D
 Acq: 3 Nov 2017 18:16

Tgt Ion:264 Resp: 149185
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.2 28.8
 265 20.9 17.5 26.3

