

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100617\
 Data File : BF099139.D
 Acq On : 6 Oct 2017 10:44
 Operator : SJ/JU
 Sample : PB102898TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102898TB

Quant Time: Oct 06 14:37:58 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	131210	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	536682	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	243236	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	442645	20.00	ng	0.00
75) Chrysene-d12	14.02	240	371988	20.00	ng	-0.01
86) Perylene-d12	15.50	264	284097	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	931943	113.07	ng	0.02
7) Phenol-d6	6.50	99	1110115	109.18	ng	0.00
23) Nitrobenzene-d5	7.43	82	668773	79.91	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	235191	118.17	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1224241	84.02	ng	0.00
78) Terphenyl-d14	12.97	244	1116180	68.24	ng	0.00

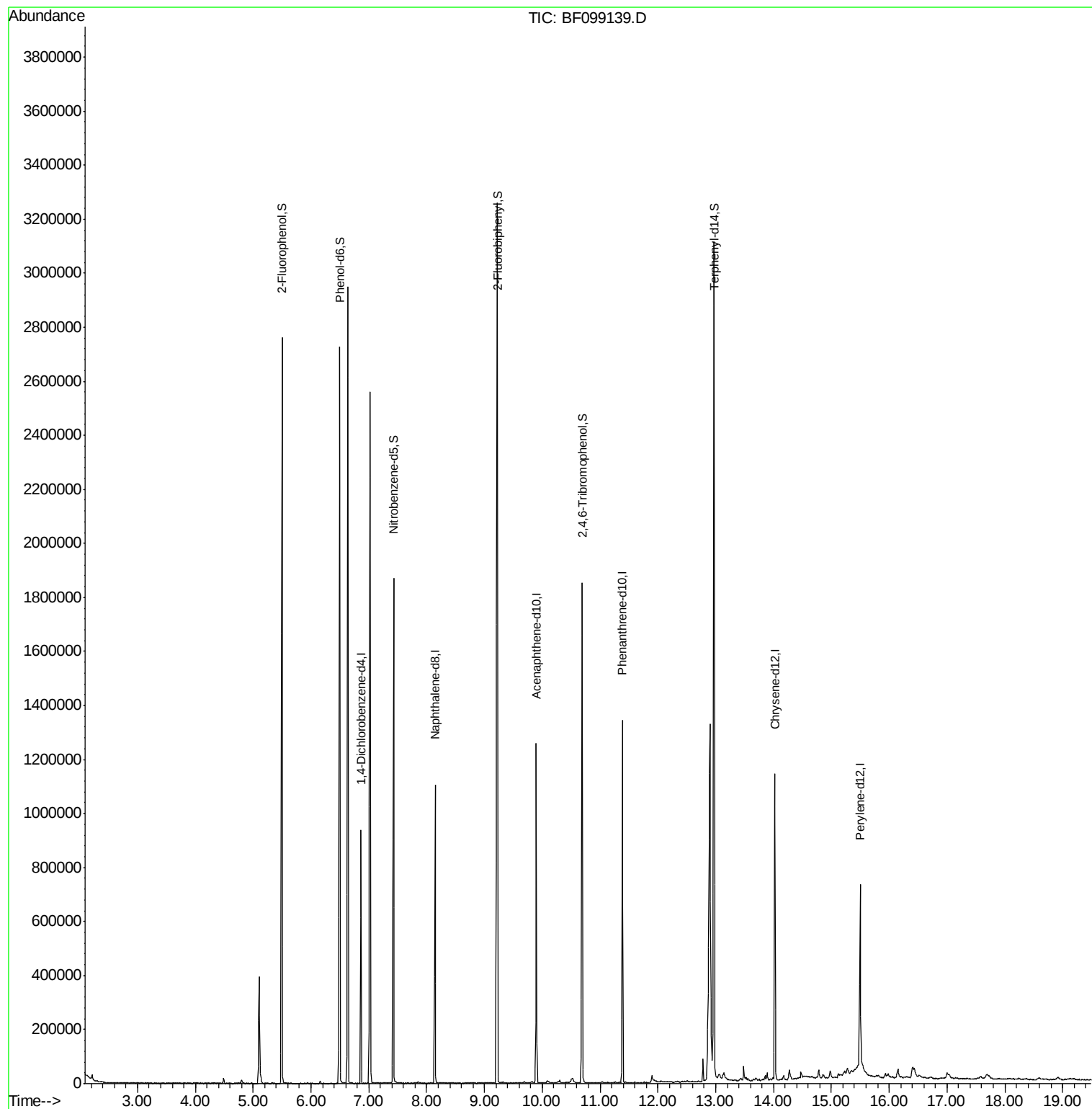
Target Compounds	Qvalue
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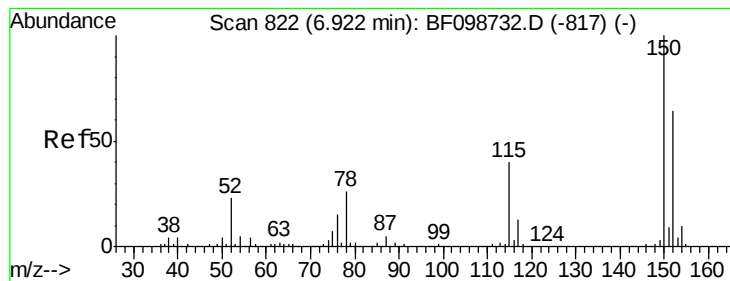
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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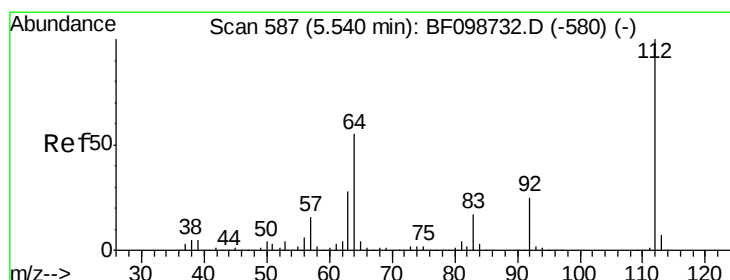
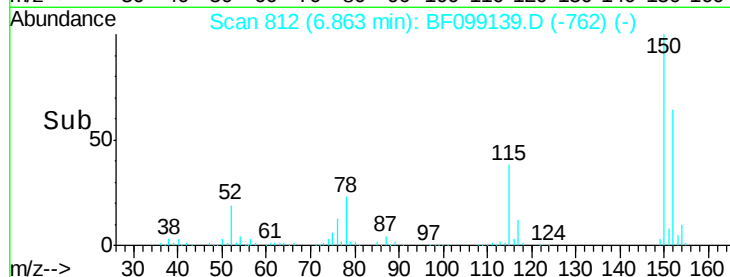
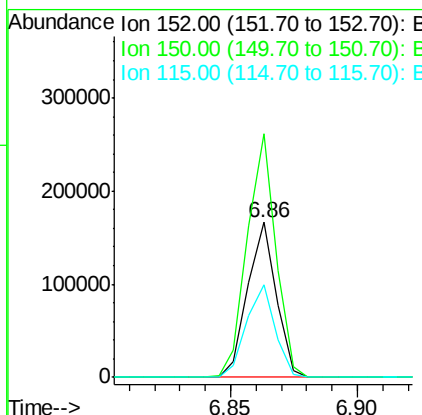
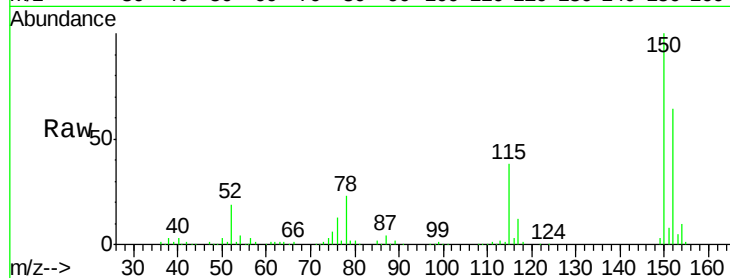


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099139.D
 Acq: 6 Oct 2017 10:44

Instrument :
 BNA_F
 ClientSampleId :
 PB102898TB

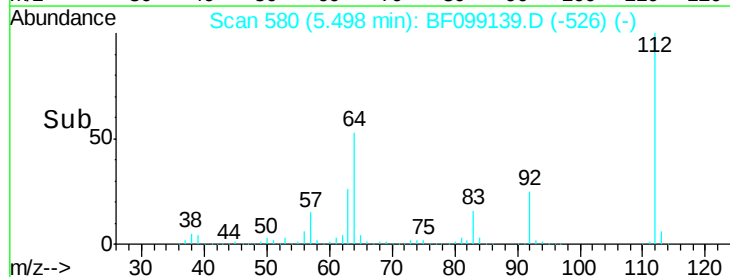
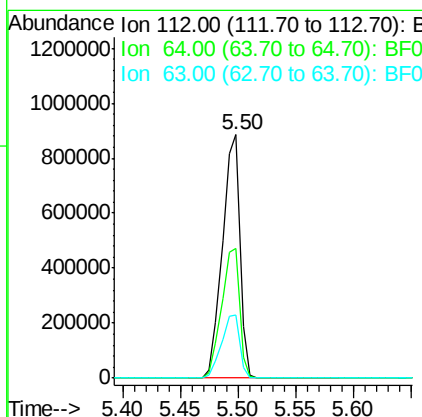
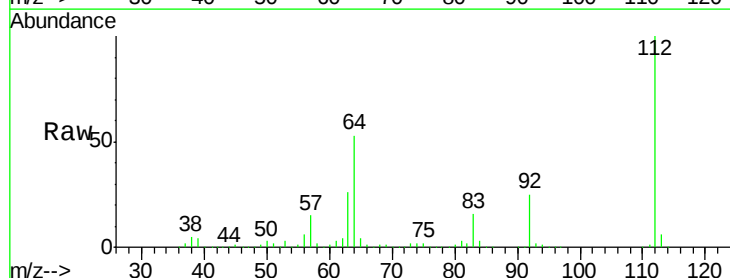
Tgt Ion:152 Resp: 131210
 Ion Ratio Lower Upper
 152 100
 150 157.3 124.6 186.8
 115 59.6 50.1 75.1

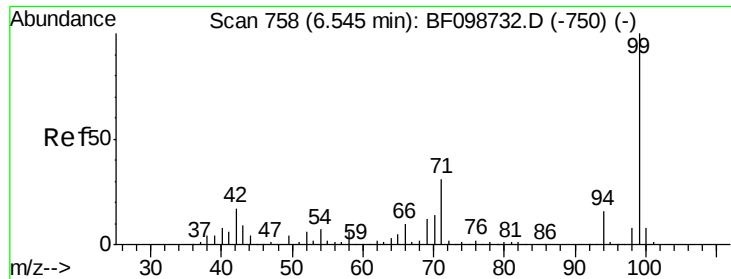


#5

2-Fluorophenol
 Concen: 113.07 ng
 RT: 5.50 min Scan# 580
 Delta R.T. 0.02 min
 Lab File: BF099139.D
 Acq: 6 Oct 2017 10:44

Tgt Ion:112 Resp: 931943
 Ion Ratio Lower Upper
 112 100
 64 53.2 47.9 71.9
 63 25.9 23.7 35.5





#7

Phenol-d6

Concen: 109.18 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF099139.D

Acq: 6 Oct 2017 10:44

Instrument :

BNA_F

ClientSampleId :

PB102898TB

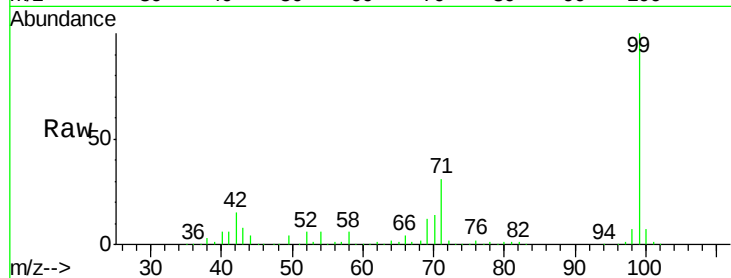
Tgt Ion: 99 Resp: 1110115

Ion Ratio Lower Upper

99 100

42 15.4 14.5 21.7

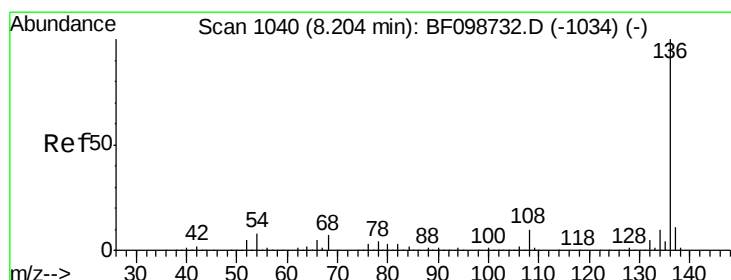
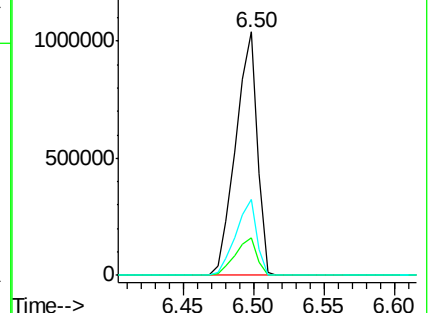
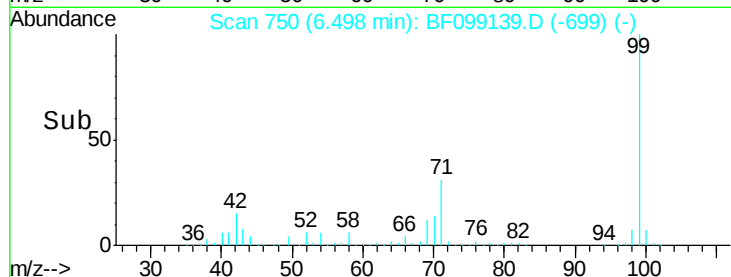
71 31.3 25.4 38.0



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: BF099139.D

Acq: 6 Oct 2017 10:44

Tgt Ion: 136 Resp: 536682

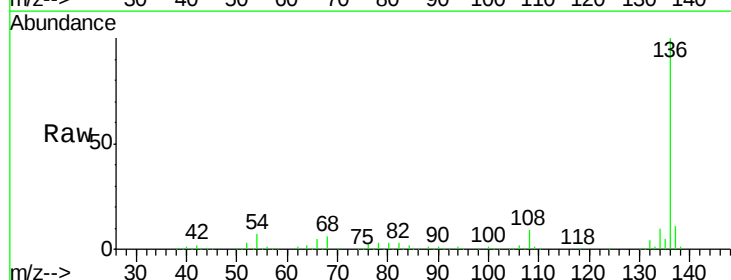
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.9 6.6 9.8

68 6.0 5.0 7.4

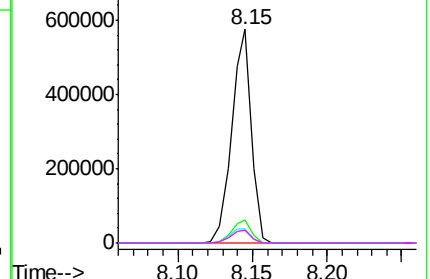
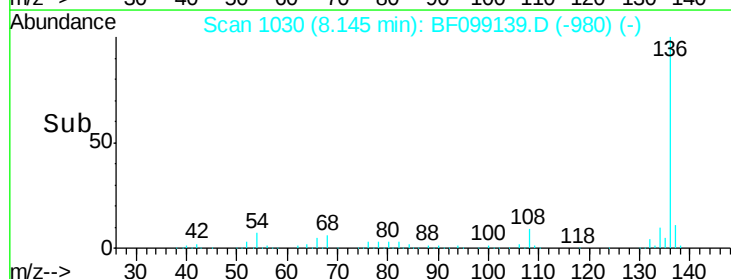


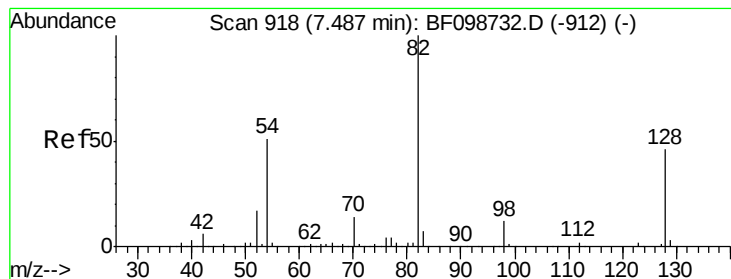
Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.91 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF099139.D

Acq: 6 Oct 2017 10:44

Instrument :

BNA_F

ClientSampleId :

PB102898TB

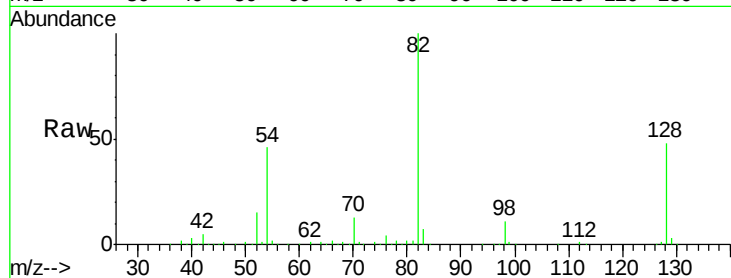
Tgt Ion: 82 Resp: 668773

Ion Ratio Lower Upper

82 100

128 48.0 36.1 54.1

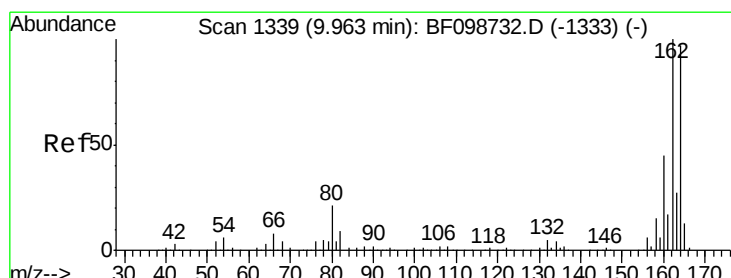
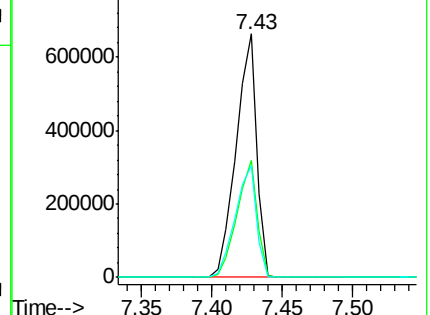
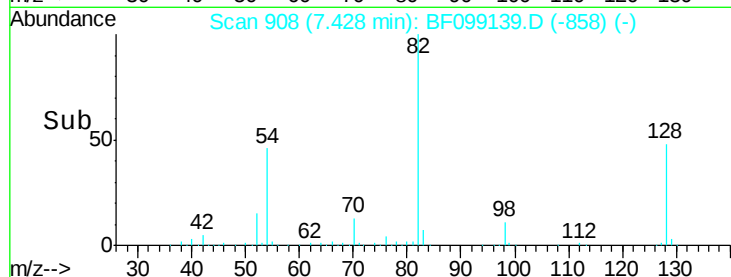
54 46.2 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

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: BF099139.D

Acq: 6 Oct 2017 10:44

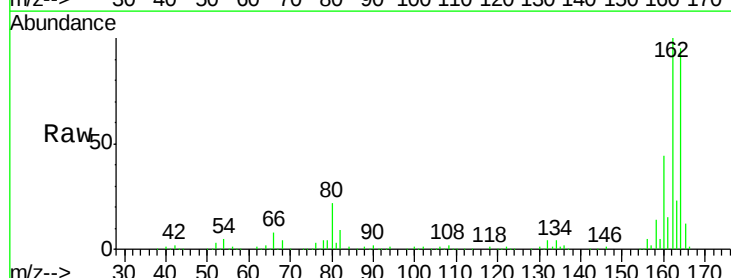
Tgt Ion: 164 Resp: 243236

Ion Ratio Lower Upper

164 100

162 105.2 86.1 129.1

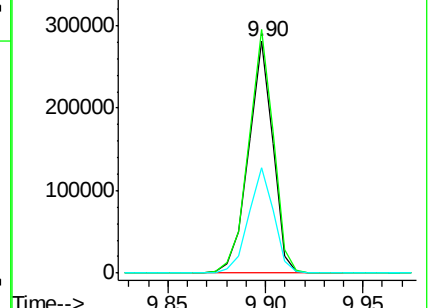
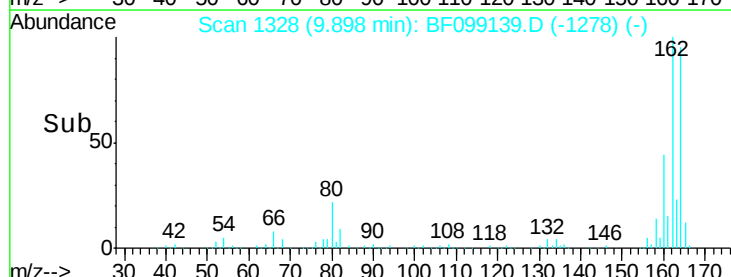
160 45.8 38.3 57.5

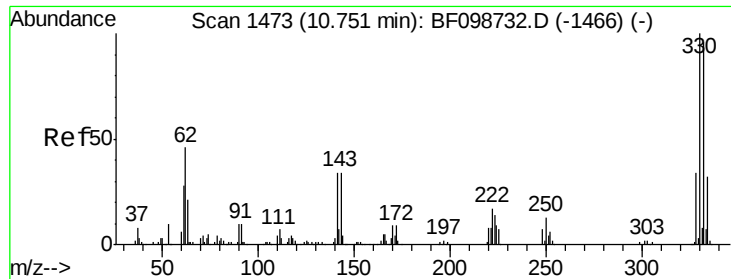


Abundance Ion 164.00 (163.70 to 164.70): BF0

Ion 162.00 (161.70 to 162.70): BF0

Ion 160.00 (159.70 to 160.70): BF0

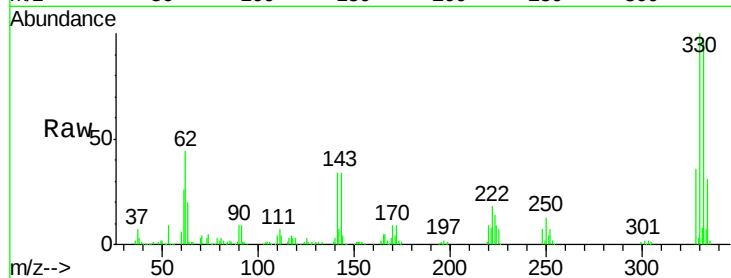




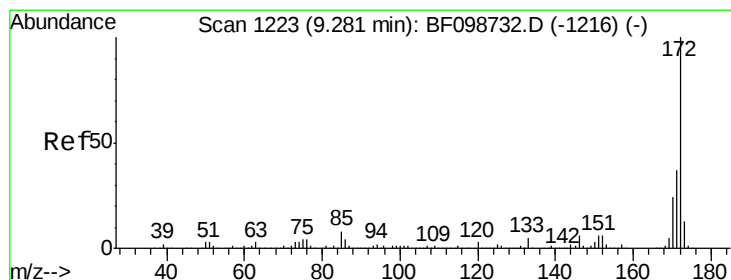
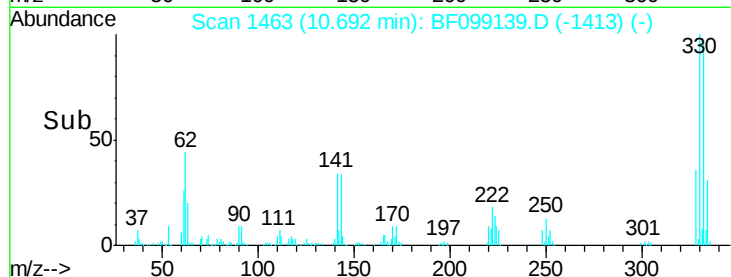
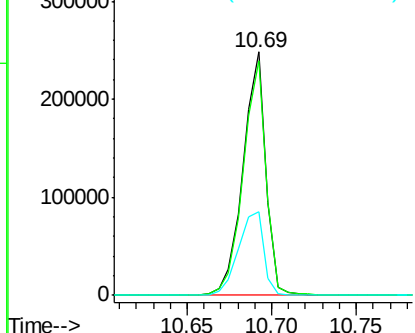
#41
 2,4,6-Tribromophenol
 Concen: 118.17 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099139.D
 Acq: 6 Oct 2017 10:44

Instrument :
 BNA_F
 ClientSampleId :
 PB102898TB

Tgt Ion:330 Resp: 235191
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 38.5 29.9 44.9

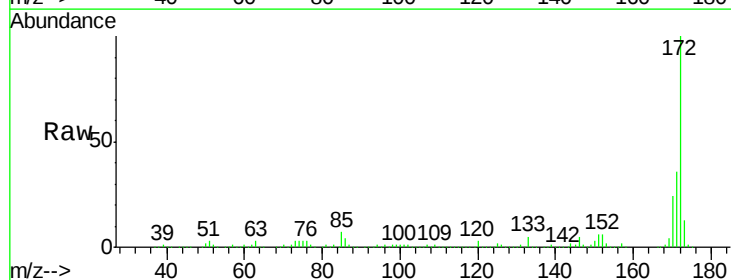


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

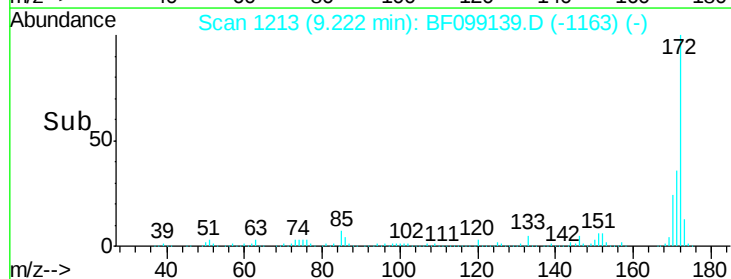
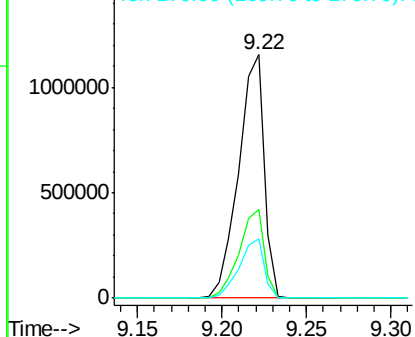


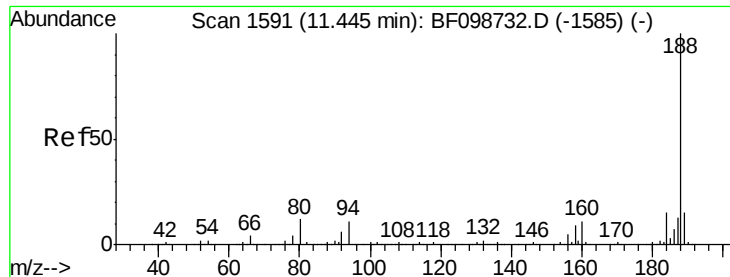
#44
 2-Fluorobiphenyl
 Concen: 84.02 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099139.D
 Acq: 6 Oct 2017 10:44

Tgt Ion:172 Resp: 1224241
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.1 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

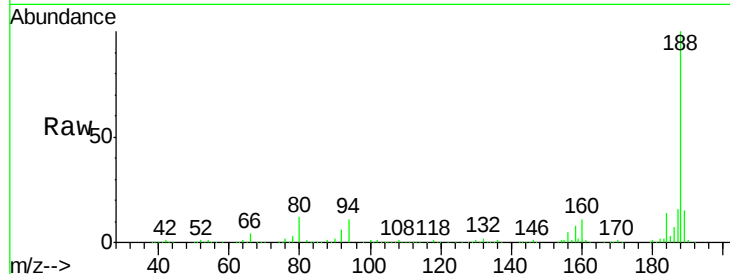




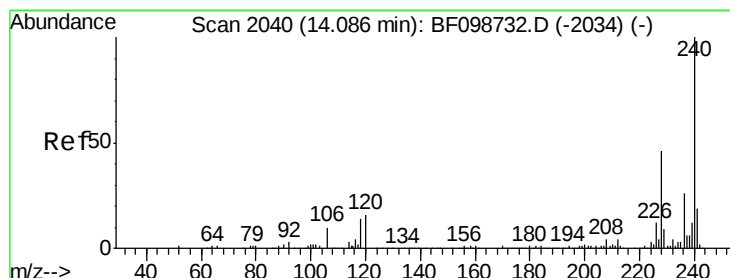
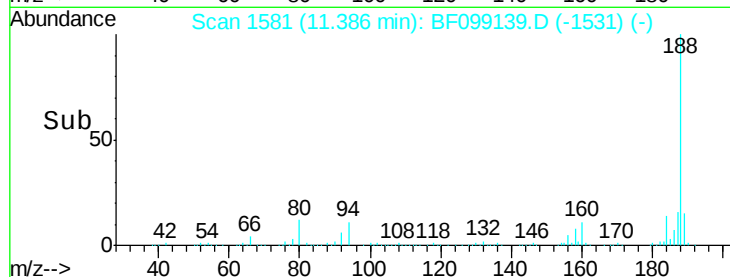
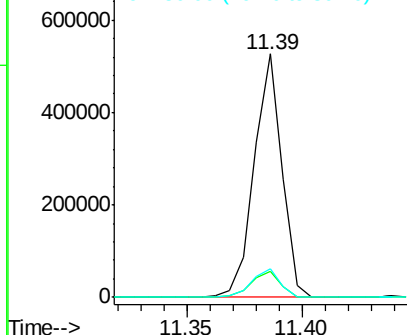
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099139.D
Acq: 6 Oct 2017 10:44

Instrument :
BNA_F
ClientSampleId :
PB102898TB

Tgt Ion:188 Resp: 442645
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 11.9 9.2 13.8

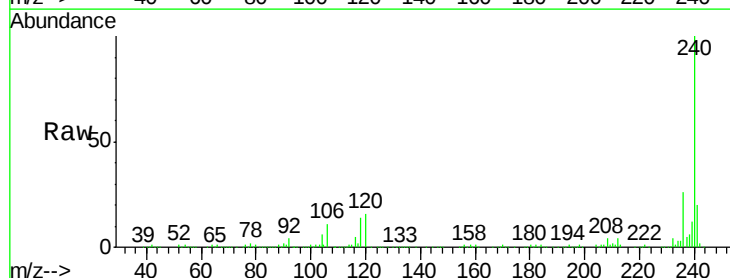


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

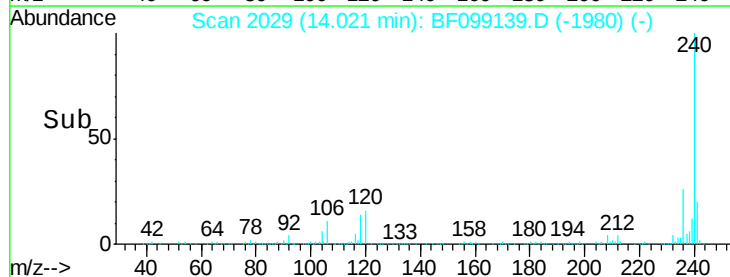
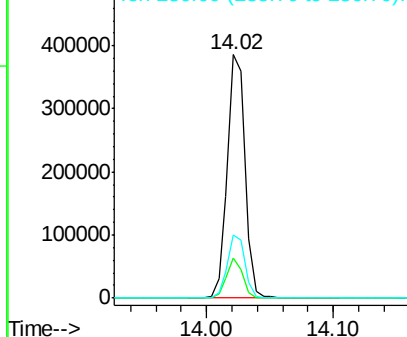


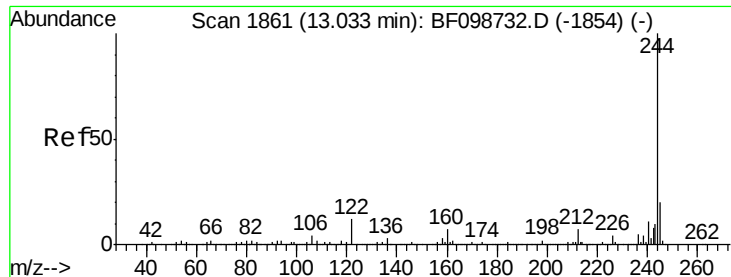
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF099139.D
Acq: 6 Oct 2017 10:44

Tgt Ion:240 Resp: 371988
Ion Ratio Lower Upper
240 100
120 16.3 9.5 14.3#
236 25.7 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: 68.24 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BF099139.D

Acq: 6 Oct 2017 10:44

Instrument :

BNA_F

ClientSampleId :

PB102898TB

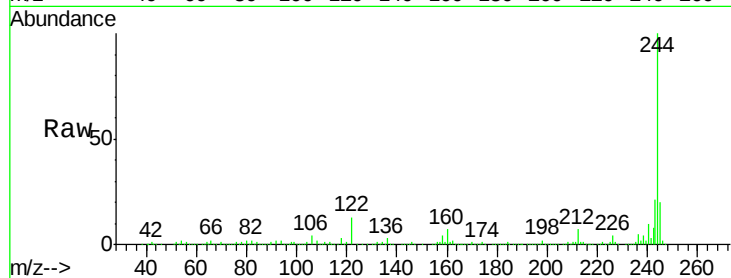
Tgt Ion:244 Resp: 1116180

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

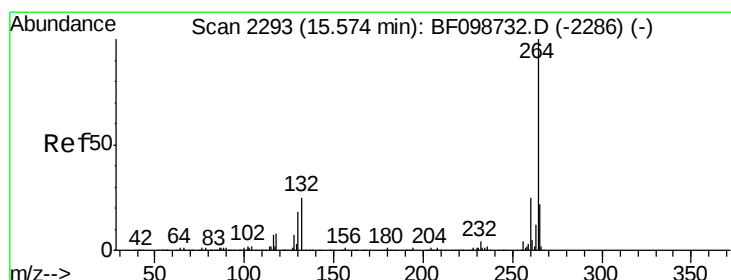
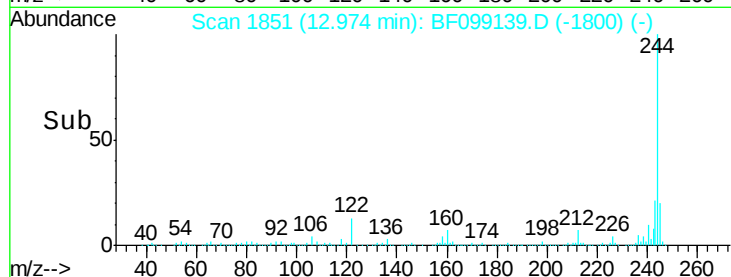
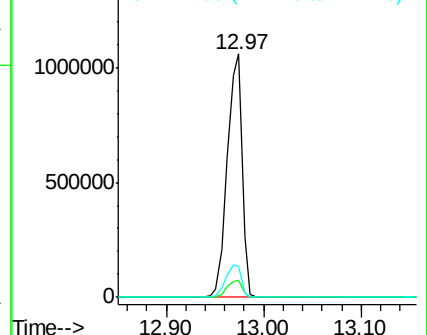
122 12.6 11.0 16.4



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: 20.00 ng

RT: 15.50 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF099139.D

Acq: 6 Oct 2017 10:44

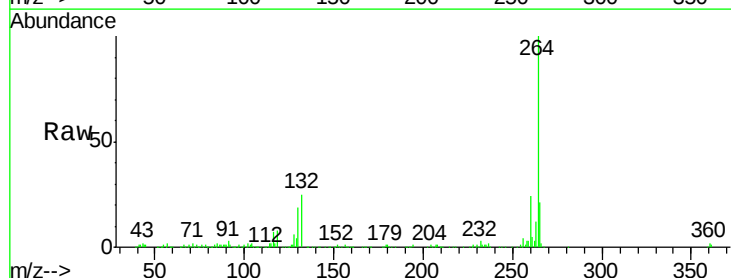
Tgt Ion:264 Resp: 284097

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.1 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

