

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100617\
 Data File : BF099167.D
 Acq On : 7 Oct 2017 00:27
 Operator : SJ/JU
 Sample : I5517-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-9

Quant Time: Oct 07 01:45:10 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

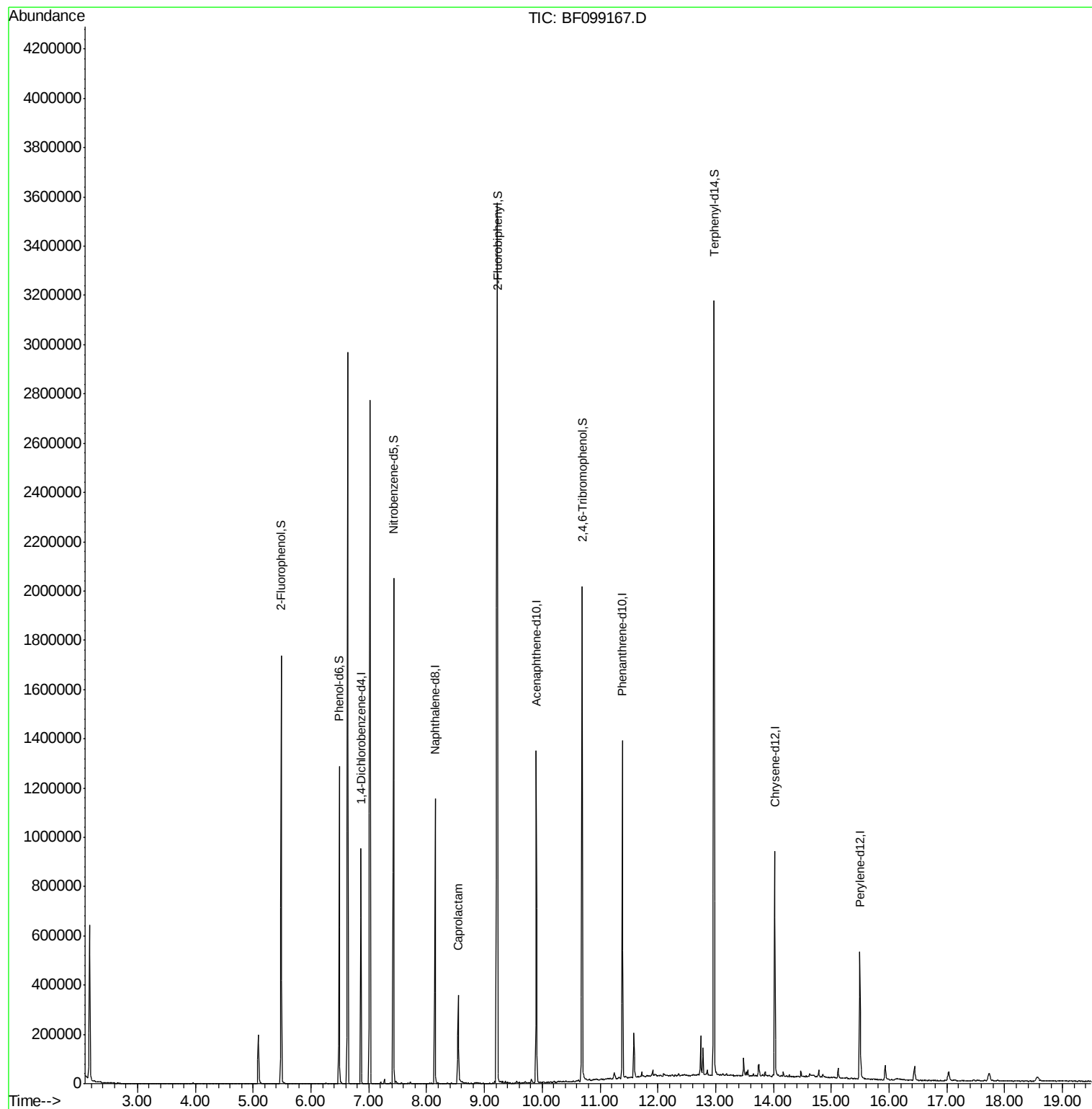
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	134532	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	559272	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	252831	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	459864	20.00	ng	0.00
75) Chrysene-d12	14.02	240	283567	20.00	ng	-0.01
86) Perylene-d12	15.49	264	219004	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	519730	61.50	ng	0.00
7) Phenol-d6	6.49	99	392210	37.62	ng	-0.01
23) Nitrobenzene-d5	7.43	82	757455	86.86	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	261740	126.52	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1320967	87.22	ng	0.00
78) Terphenyl-d14	12.97	244	1168784	93.74	ng	0.00
Target Compounds						
35) Caprolactam	8.55	113	47074	19.03	ng	Qvalue 90

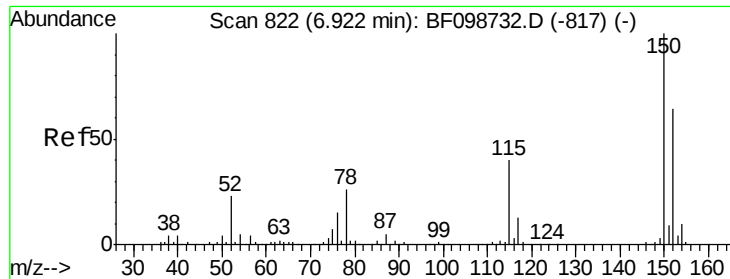
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF099167.D

Acq: 7 Oct 2017 00:27

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MW-9

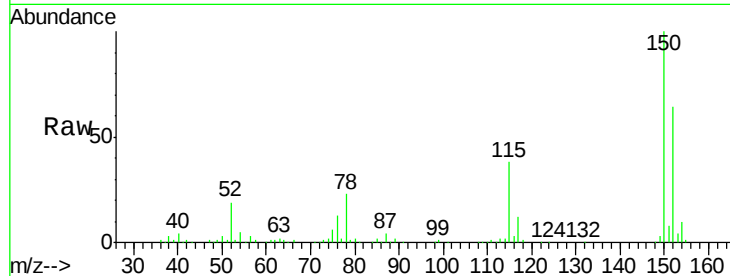
Tgt Ion:152 Resp: 134532

Ion Ratio Lower Upper

152 100

150 157.1 124.6 186.8

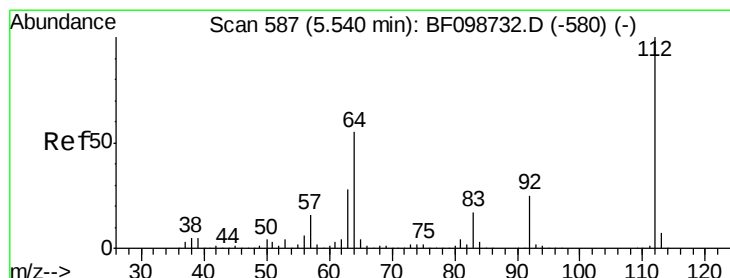
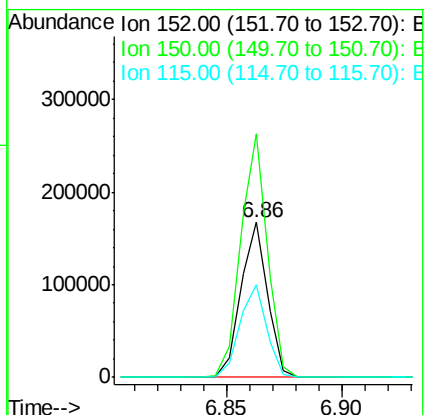
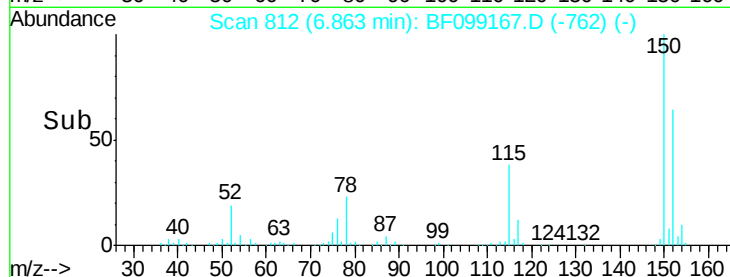
115 60.1 50.1 75.1



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: 61.50 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF099167.D

Acq: 7 Oct 2017 00:27

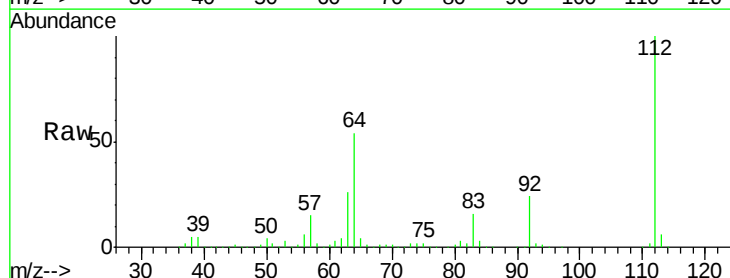
Tgt Ion:112 Resp: 519730

Ion Ratio Lower Upper

112 100

64 53.8 47.9 71.9

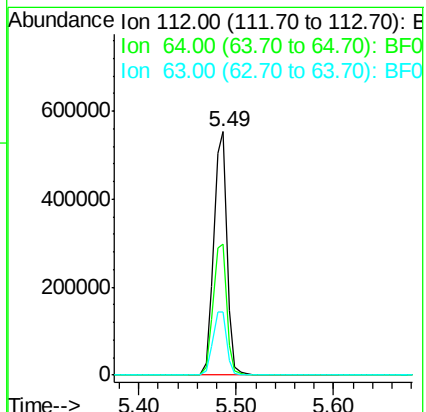
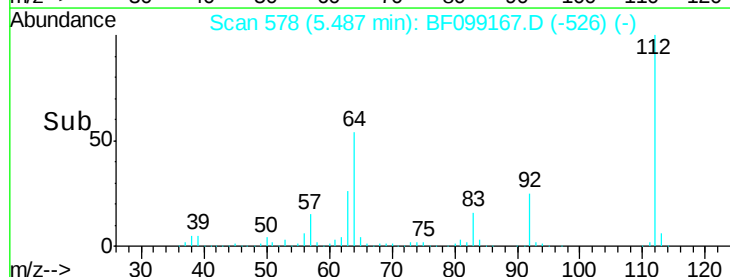
63 25.9 23.7 35.5

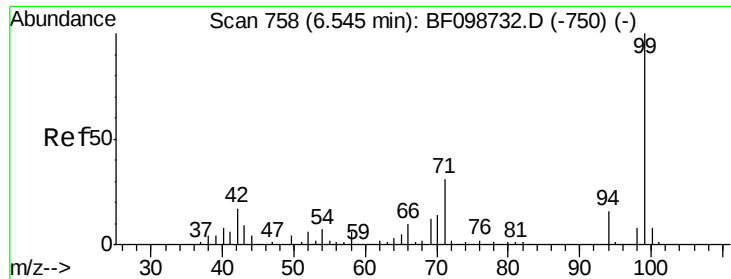


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 37.62 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF099167.D

Acq: 7 Oct 2017 00:27

Instrument :

BNA_F

ClientSampleId :

MW-9

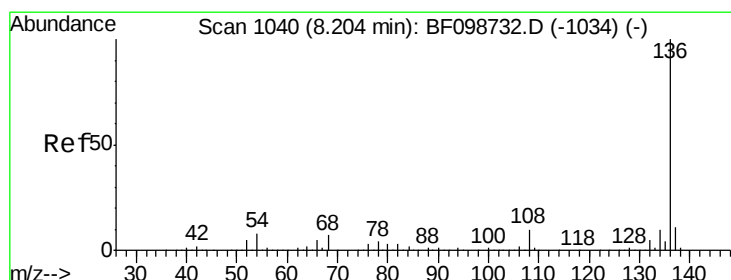
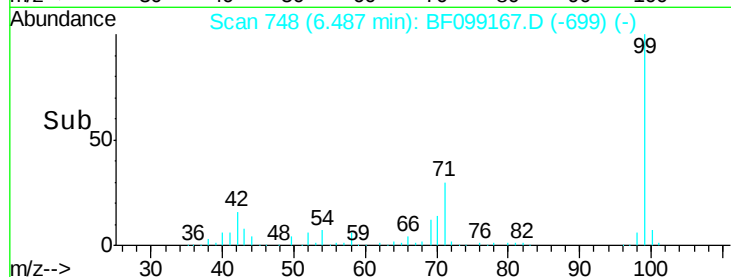
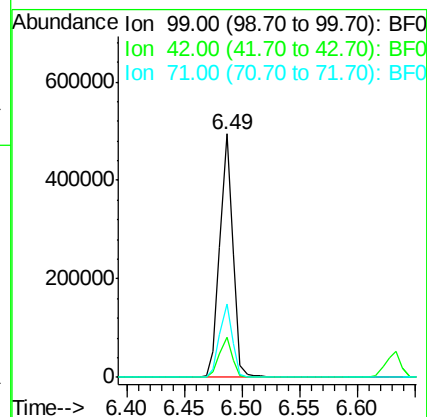
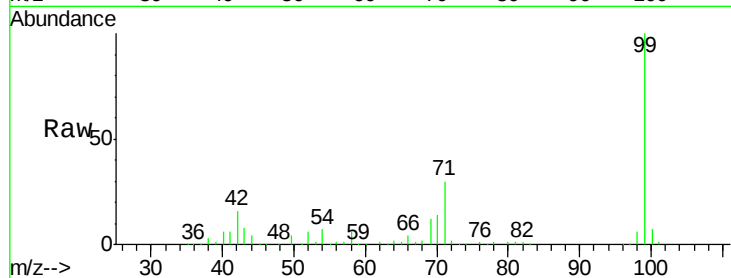
Tgt Ion: 99 Resp: 392210

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

71 30.3 25.4 38.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF099167.D

Acq: 7 Oct 2017 00:27

Tgt Ion: 136 Resp: 559272

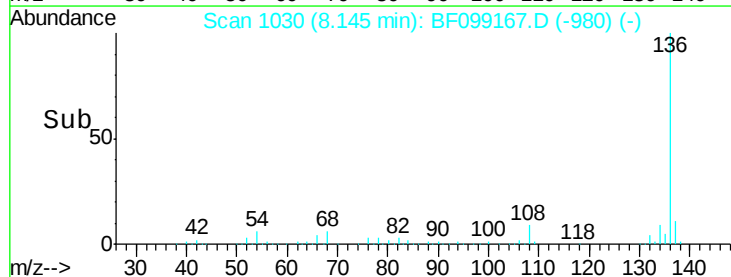
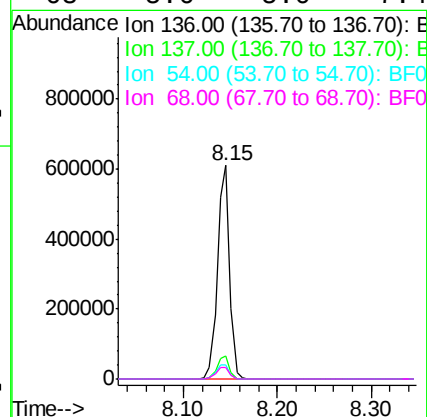
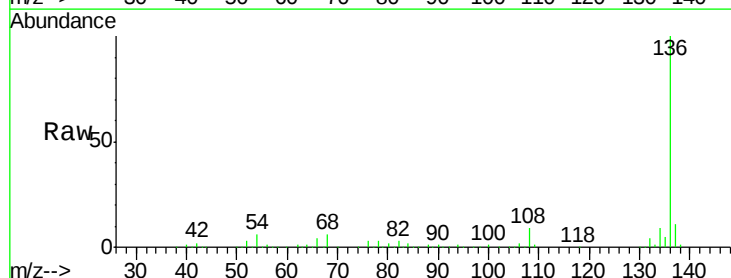
Ion Ratio Lower Upper

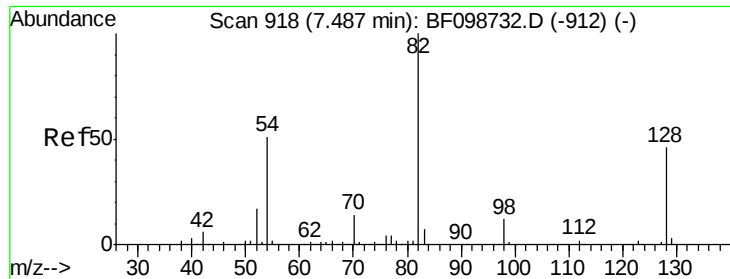
136 100

137 10.6 8.9 13.3

54 6.5 6.6 9.8#

68 5.6 5.0 7.4

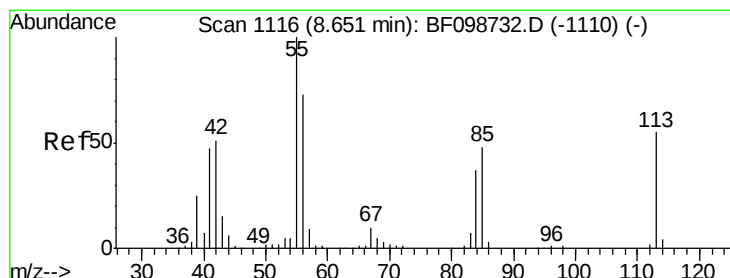
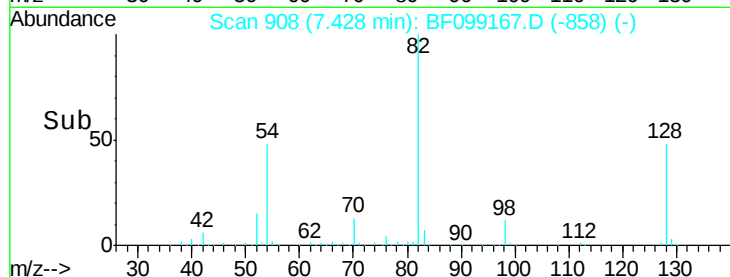
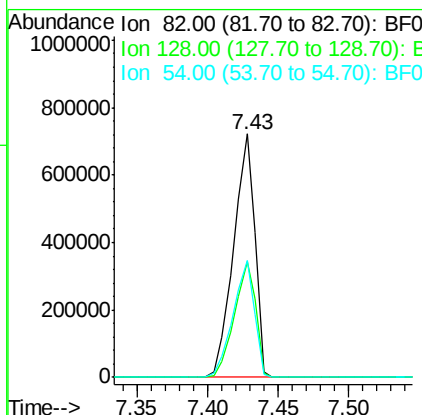
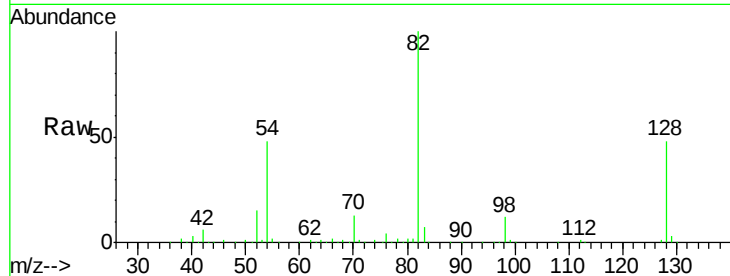




#23
 Nitrobenzene-d5
 Concen: 86.86 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099167.D
 Acq: 7 Oct 2017 00:27

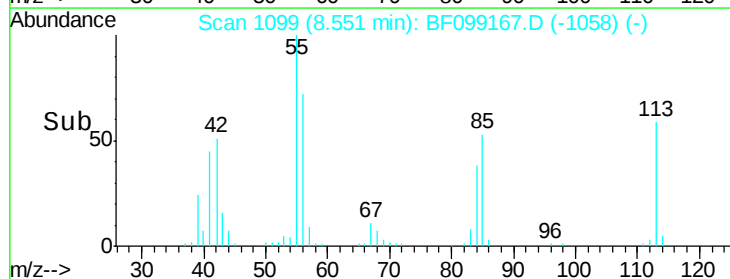
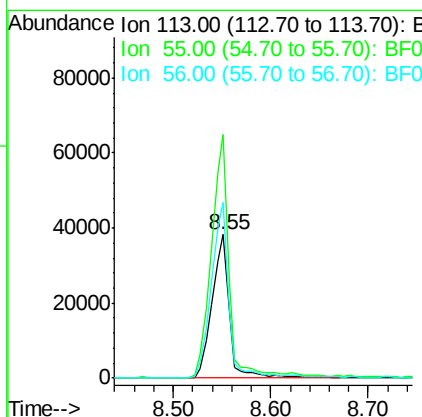
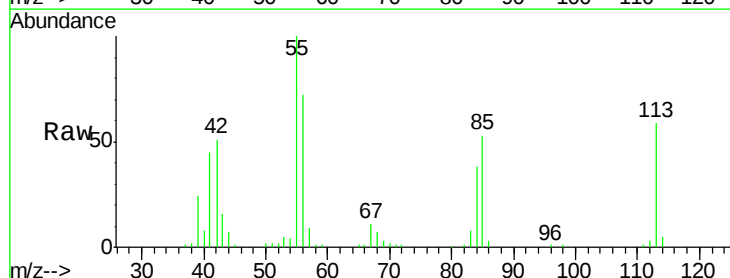
Instrument :
 BNA_F
 ClientSampleId :
 MW-9

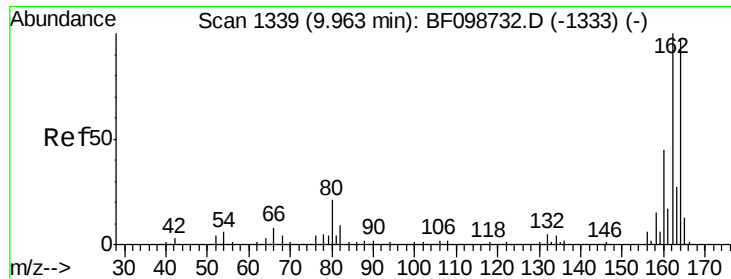
Tgt Ion: 82 Resp: 757455
 Ion Ratio Lower Upper
 82 100
 128 47.5 36.1 54.1
 54 47.8 41.4 62.2



#35
 Caprolactam
 Concen: 19.03 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.06 min
 Lab File: BF099167.D
 Acq: 7 Oct 2017 00:27

Tgt Ion: 113 Resp: 47074
 Ion Ratio Lower Upper
 113 100
 55 169.7 163.3 203.3
 56 122.5 115.7 155.7

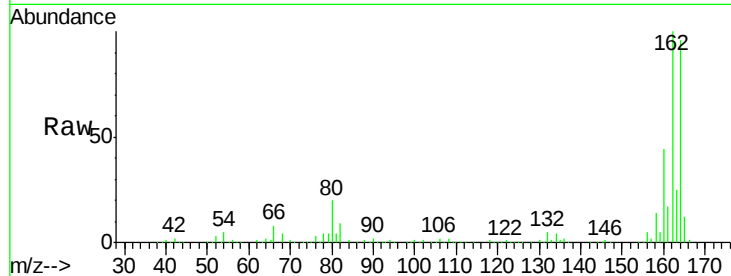




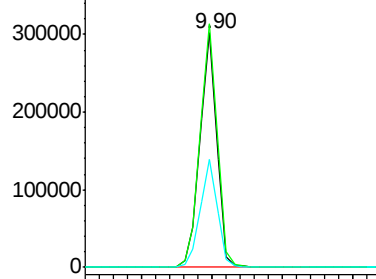
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099167.D
Acq: 7 Oct 2017 00:27

Instrument :
BNA_F
ClientSampleId :
MW-9

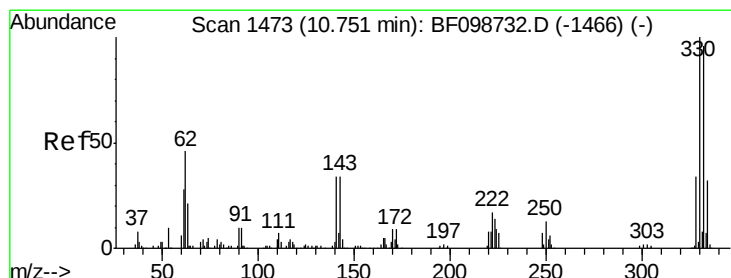
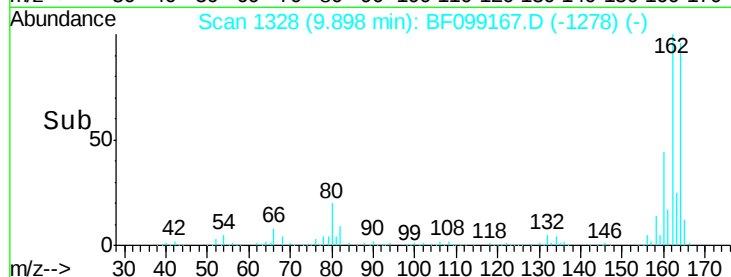
Tgt Ion:164 Resp: 252831
Ion Ratio Lower Upper
164 100
162 103.9 86.1 129.1
160 45.8 38.3 57.5



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

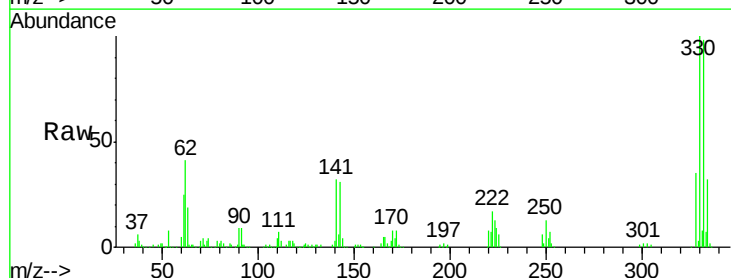


Time-->

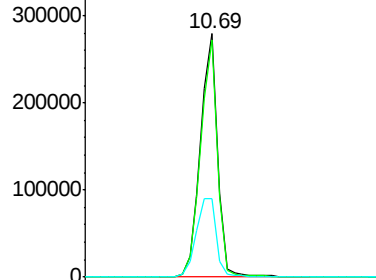


#41
2,4,6-Tribromophenol
Concen: 126.52 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF099167.D
Acq: 7 Oct 2017 00:27

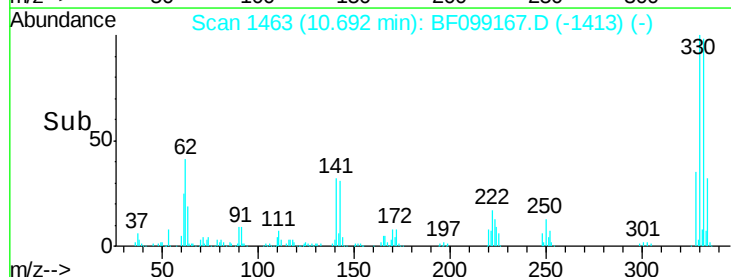
Tgt Ion:330 Resp: 261740
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 38.5 29.9 44.9

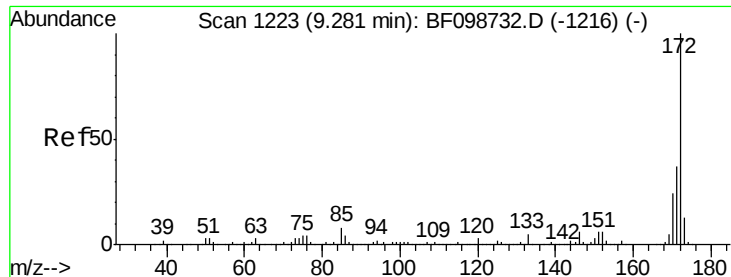


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



Time-->

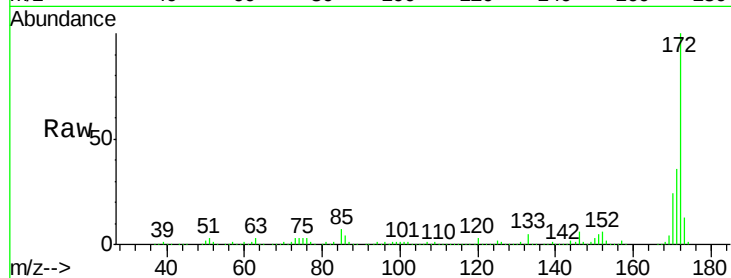




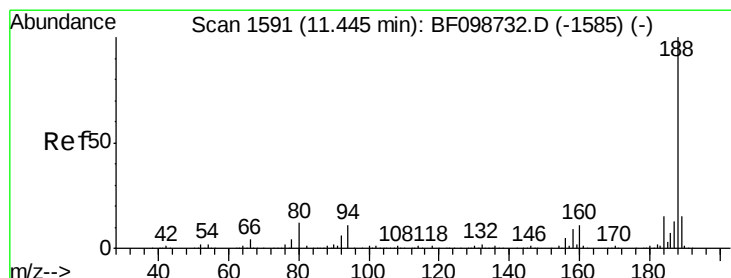
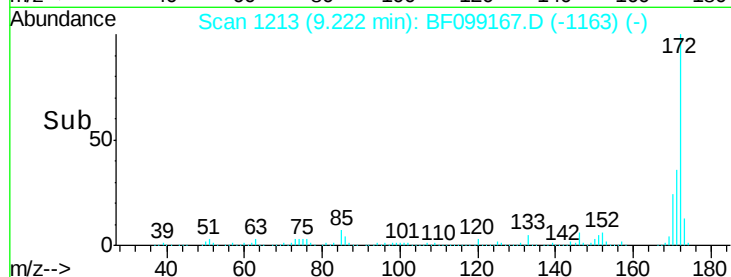
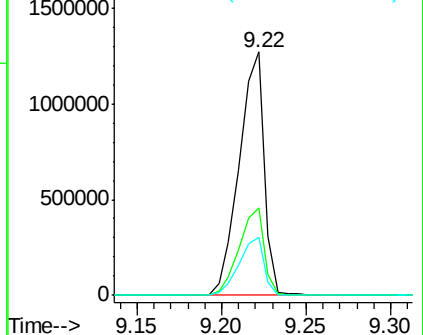
#44
 2-Fluorobiphenyl
 Concen: 87.22 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099167.D
 Acq: 7 Oct 2017 00:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-9

Tgt Ion:172 Resp: 1320967
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 23.9 19.6 29.4

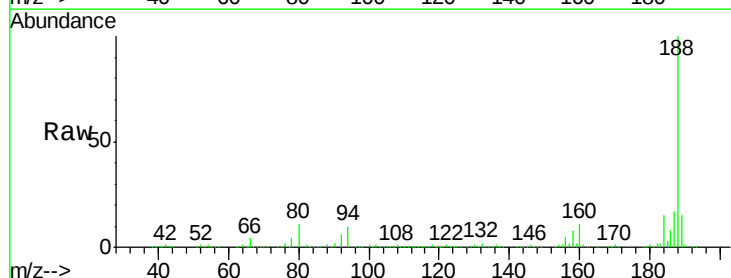


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

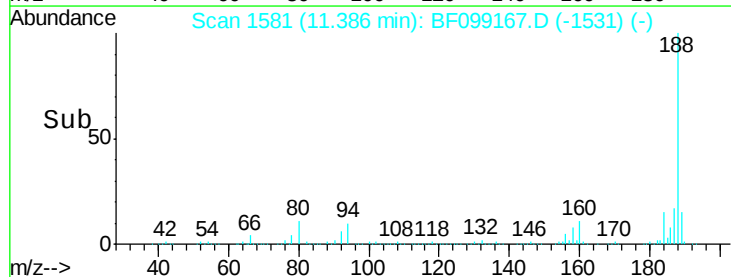
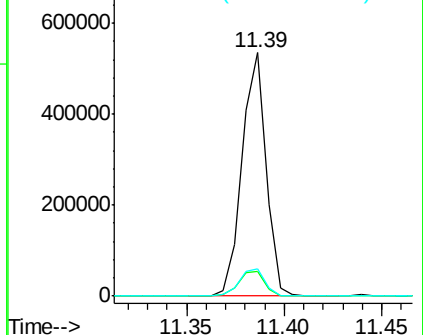


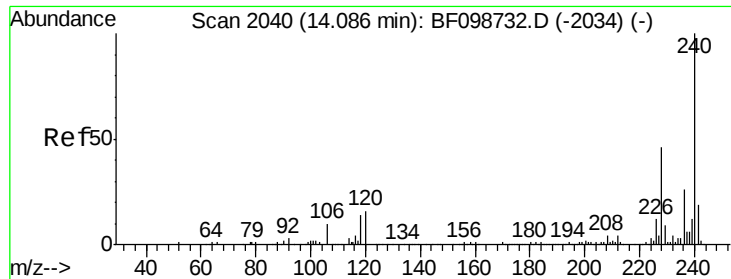
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF099167.D
 Acq: 7 Oct 2017 00:27

Tgt Ion:188 Resp: 459864
 Ion Ratio Lower Upper
 188 100
 94 10.3 8.5 12.7
 80 11.2 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: BF099167.D

Acq: 7 Oct 2017 00:27

Instrument :

BNA_F

ClientSampleId :

MW-9

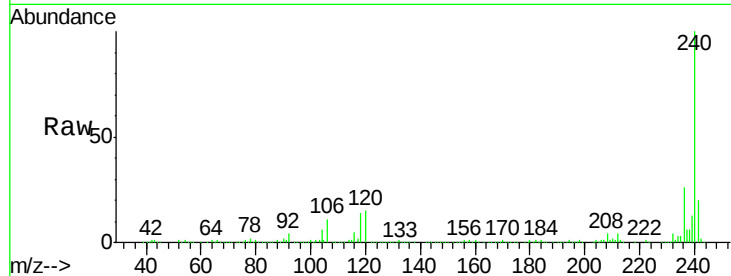
Tgt Ion:240 Resp: 283567

Ion Ratio Lower Upper

240 100

120 15.5 9.5 14.3#

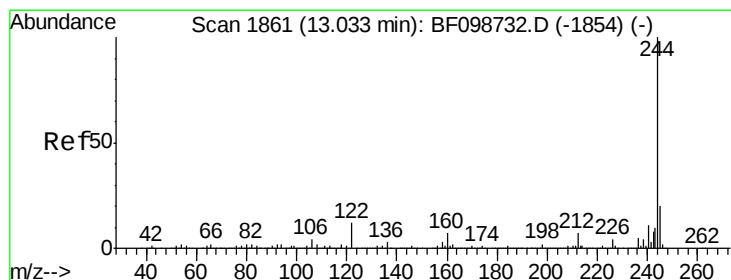
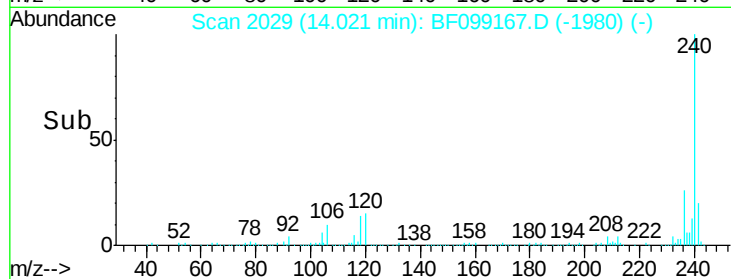
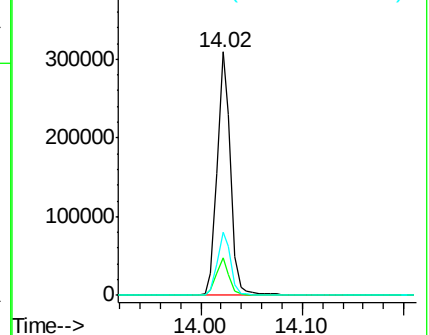
236 25.8 20.7 31.1



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: 93.74 ng

RT: 12.97 min Scan# 1851

Delta R.T. 0.00 min

Lab File: BF099167.D

Acq: 7 Oct 2017 00:27

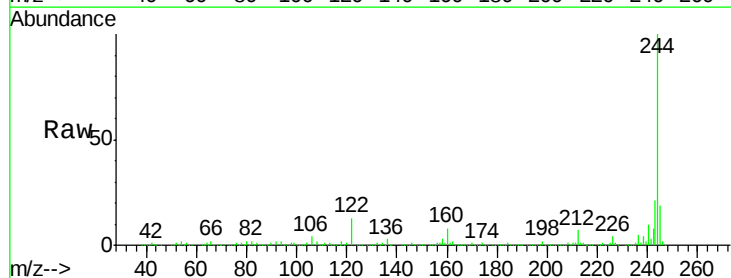
Tgt Ion:244 Resp: 1168784

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

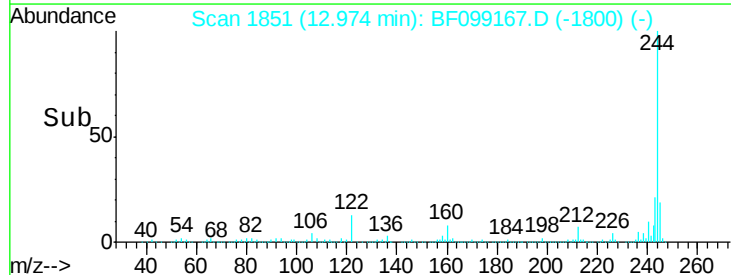
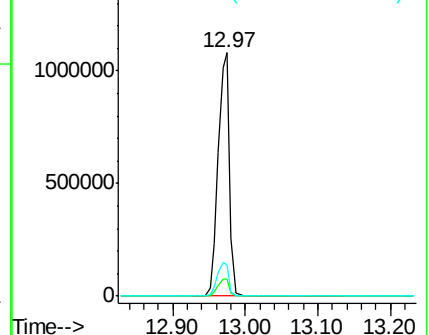
122 12.7 11.0 16.4

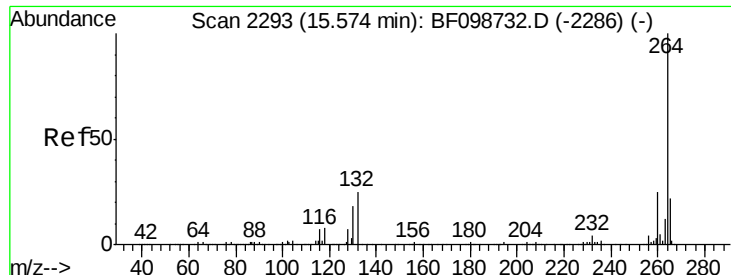


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

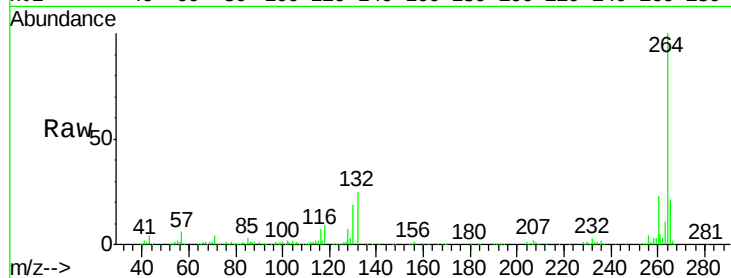




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF099167.D
Acq: 7 Oct 2017 00:27

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion: 264 Resp: 219004
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 20.9 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

