

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010517\
 Data File : BF092099.D
 Acq On : 5 Jan 2017 20:02
 Operator : UM/SJ
 Sample : I1004-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-19

Quant Time: Jan 06 00:20:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 00:13:42 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	197872	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	735251	20.00	ng	-0.01
38) Acenaphthene-d10	9.68	164	380357	20.00	ng	-0.01
63) Phenanthrene-d10	11.17	188	685666	20.00	ng	0.00
75) Chrysene-d12	13.80	240	549039	20.00	ng	0.00
86) Perylene-d12	15.17	264	397796	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	783013	66.07	ng	0.00
7) Phenol-d6	6.31	99	662048	45.76	ng	-0.01
23) Nitrobenzene-d5	7.22	82	1439041	108.83	ng	0.00
41) 2,4,6-Tribromophenol	10.48	330	514157	163.34	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	1950894	108.69	ng	0.00
78) Terphenyl-d14	12.76	244	1894806	83.70	ng	0.00

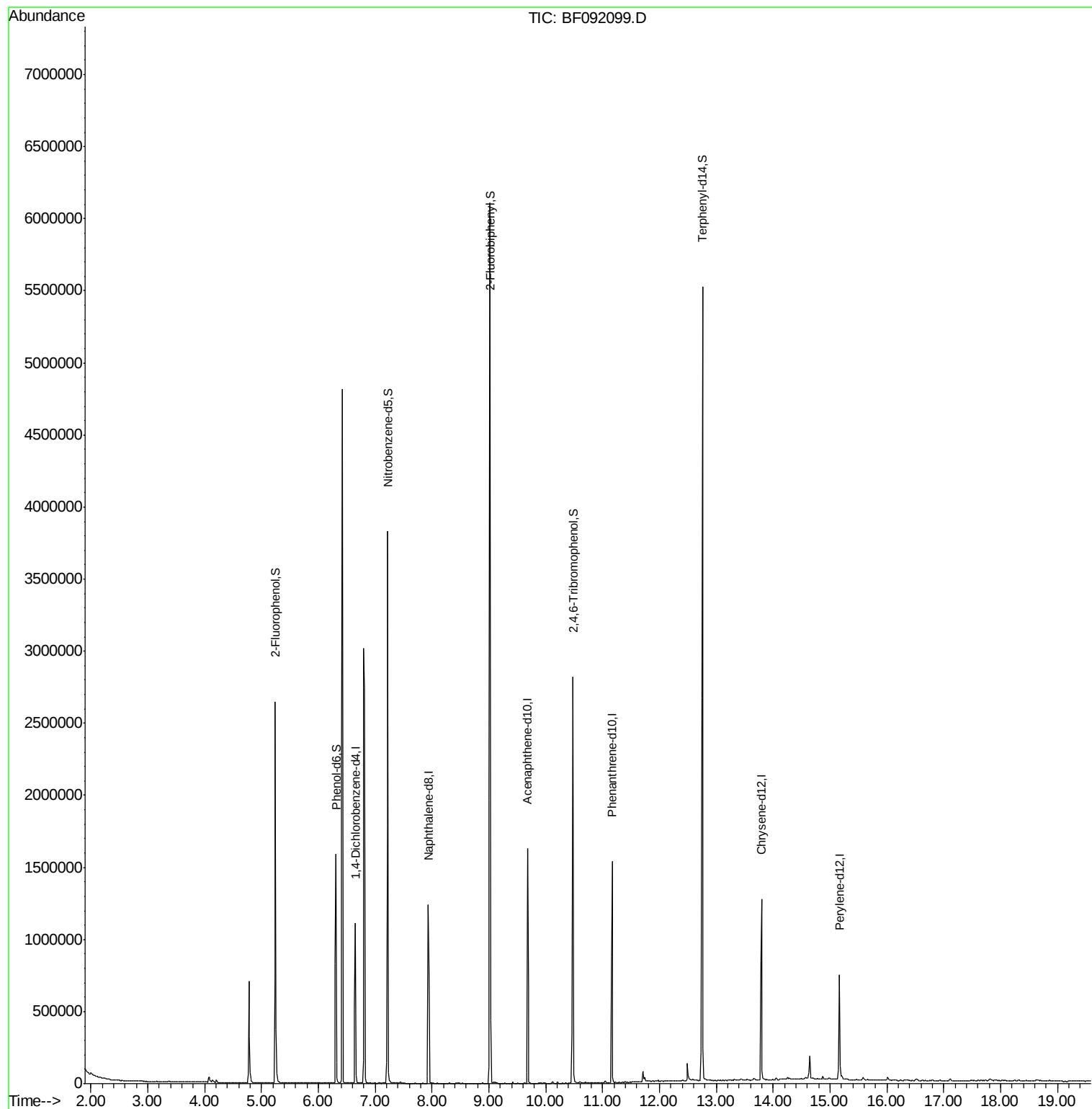
Target Compounds Qvalue

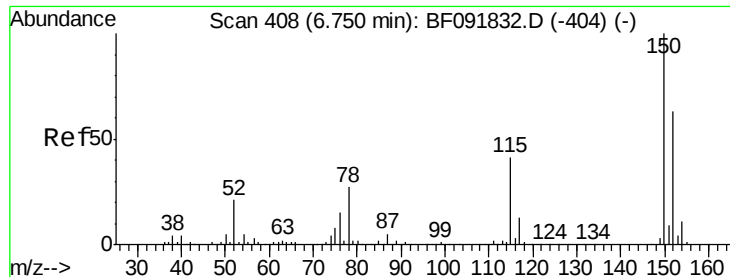
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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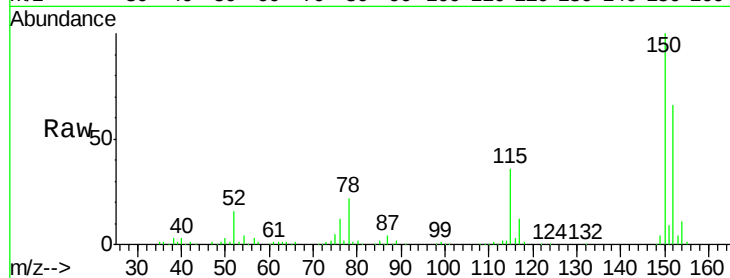


#1

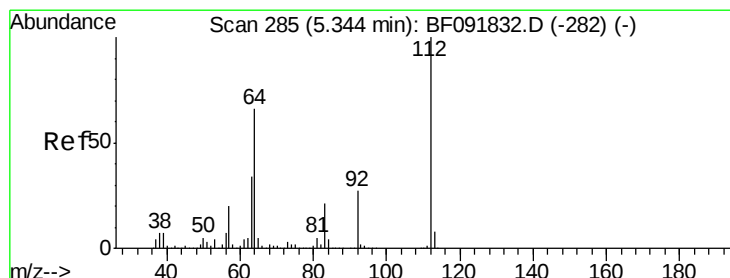
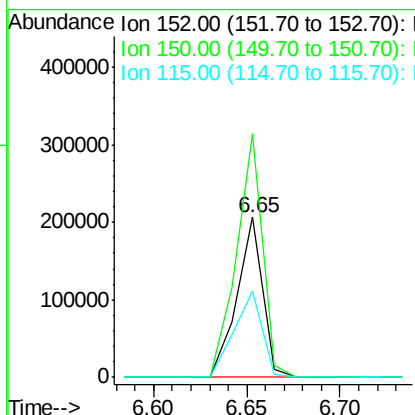
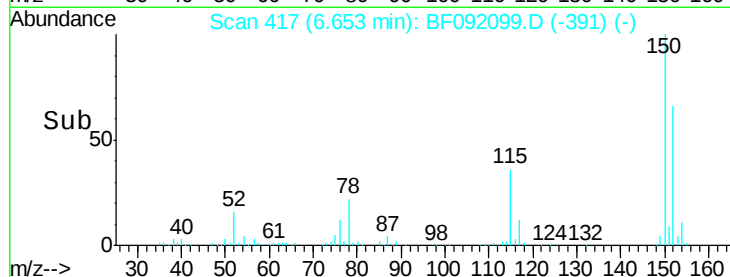
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.65 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: BF092099.D
 Acq: 5 Jan 2017 20:02

Instrument :
 BNA_F
 ClientSampleId :
 MW-19

Tot Ion:152 Resp: 197872
 Ion Ratio Lower Upper
 152 100
 150 152.1 124.9 187.3
 115 54.2 46.0 69.0



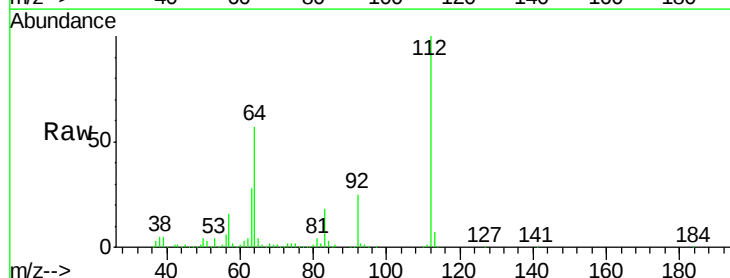
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



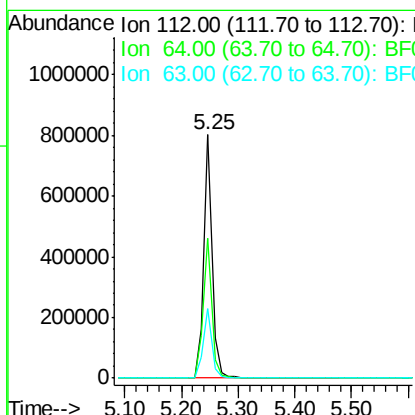
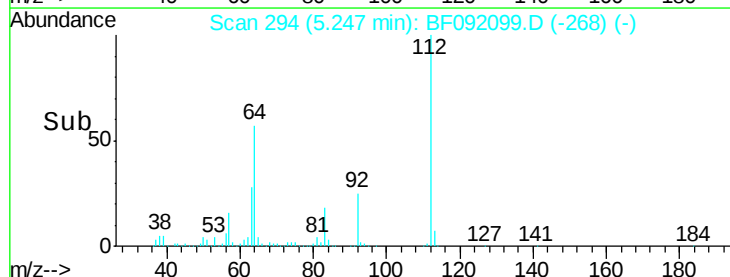
#5

2-Fluorophenol
 Concen: 66.07 ng
 RT: 5.25 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: BF092099.D
 Acq: 5 Jan 2017 20:02

Tgt Ion:112 Resp: 783013
 Ion Ratio Lower Upper
 112 100
 64 57.2 46.1 69.1
 63 28.3 23.8 35.6



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: 45.76 ng

RT: 6.31 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF092099.D

Acq: 5 Jan 2017 20:02

Instrument :

BNA_F

ClientSampleId :

MW-19

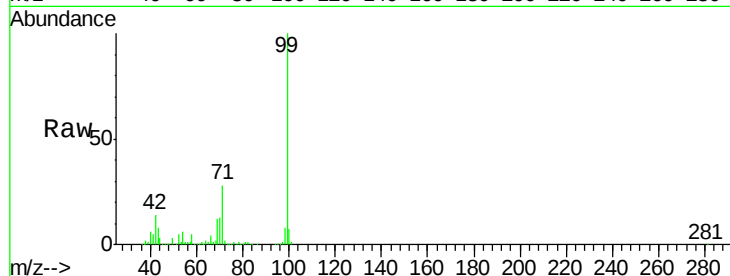
Tot Ion: 99 Resp: 662048

Ion Ratio Lower Upper

99 100

42 14.5 15.6 23.4#

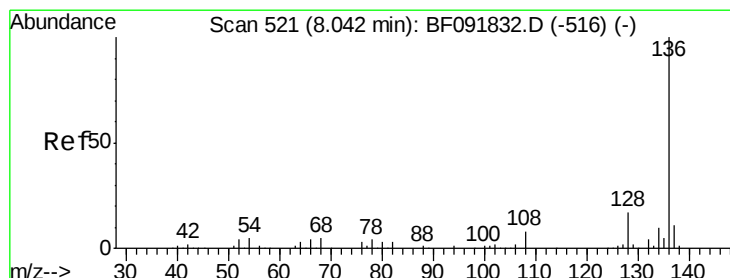
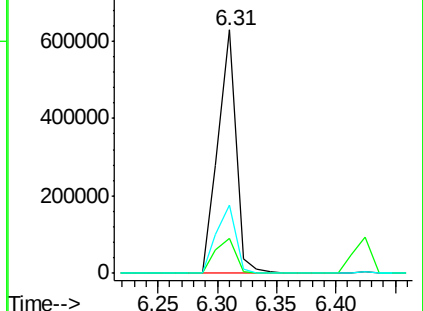
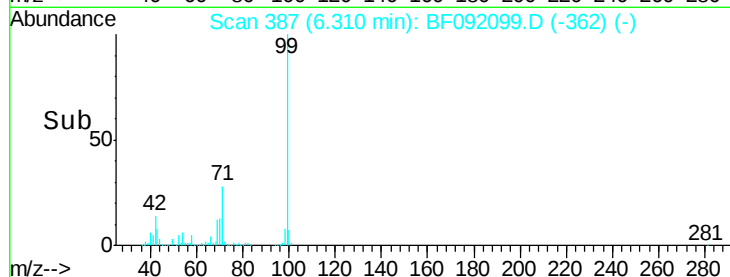
71 28.2 27.5 41.3



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: 7.93 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF092099.D

Acq: 5 Jan 2017 20:02

Tgt Ion: 136 Resp: 735251

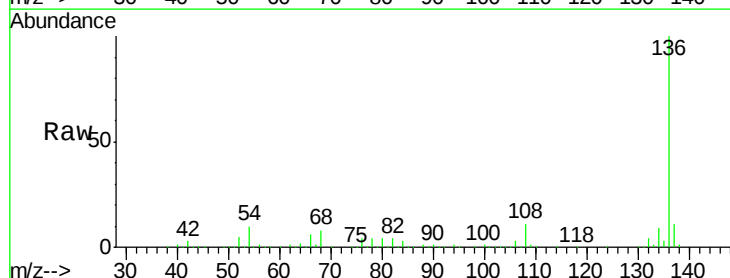
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 9.6 4.5 6.7#

68 7.8 3.6 5.4#

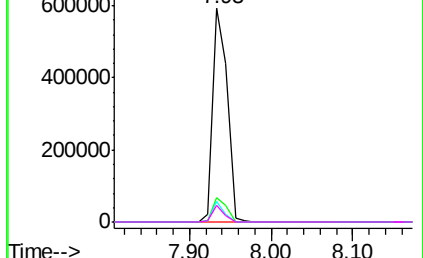
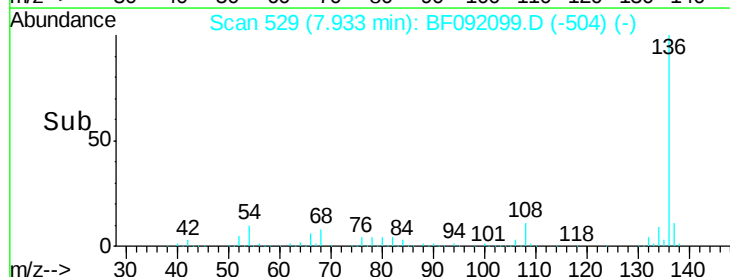


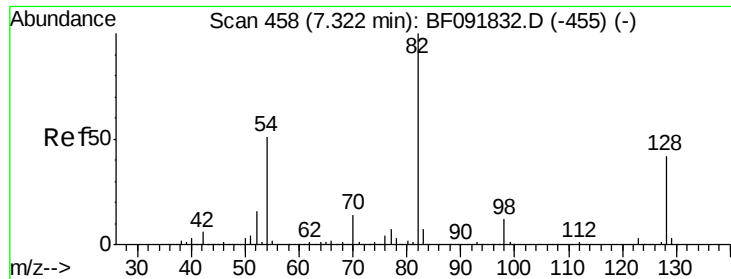
Abundance Ion 136.00 (135.70 to 136.70): E

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



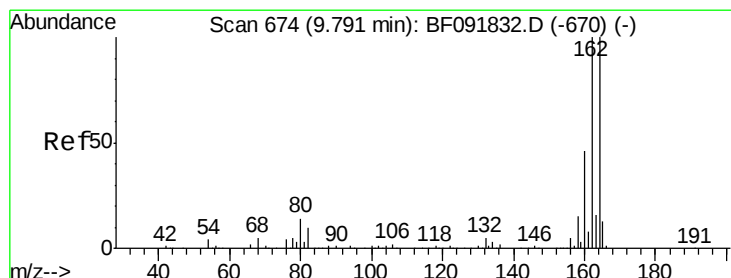
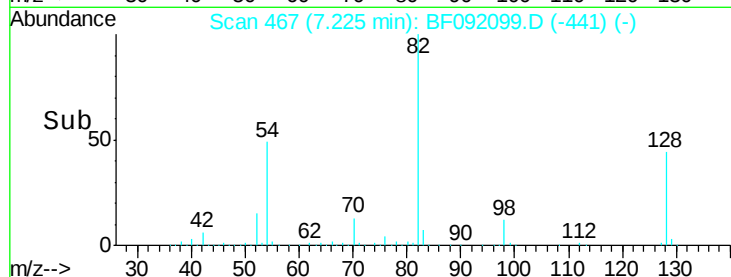
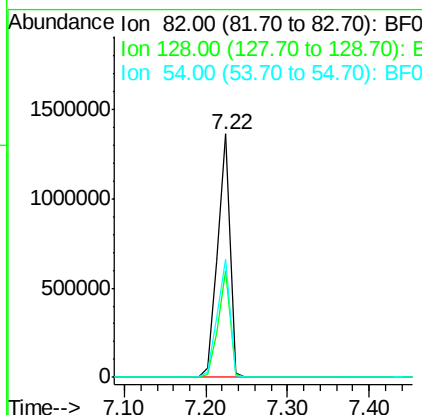
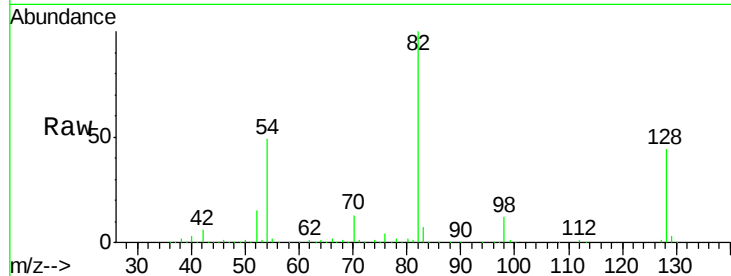


#23
 Nitrobenzene-d5
 Concen: 108.83 ng
 RT: 7.22 min Scan# 467
 Delta R.T. 0.00 min
 Lab File: BF092099.D
 Acq: 5 Jan 2017 20:02

Instrument :
 BNA_F
 ClientSampleId :
 MW-19

Tot Ion: 82 Resp: 1439041

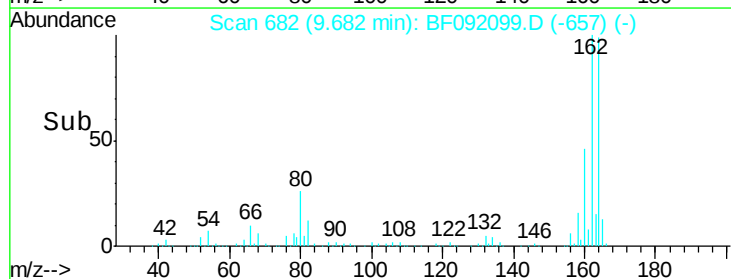
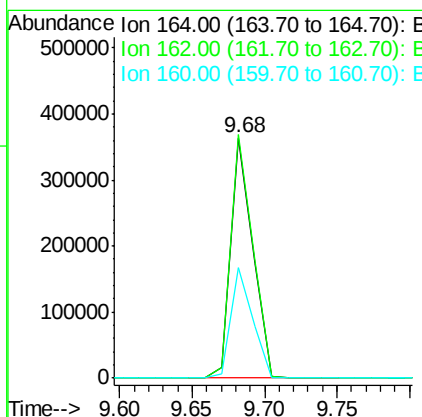
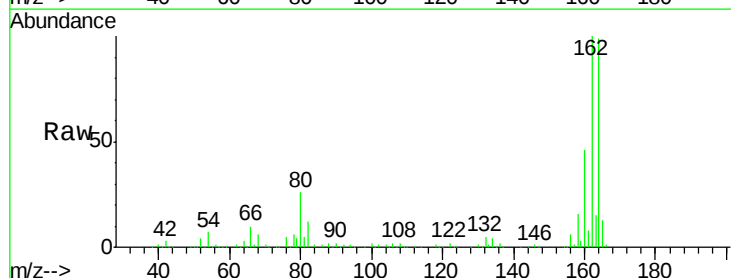
Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.6	52.0
54	48.6	39.5	59.3

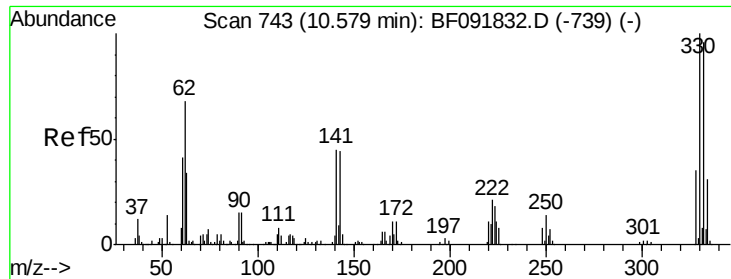


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF092099.D
 Acq: 5 Jan 2017 20:02

Tgt Ion:164 Resp: 380357

Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.2	120.2
160	46.1	36.9	55.3

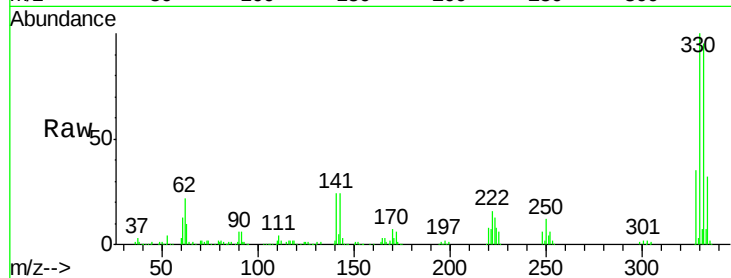




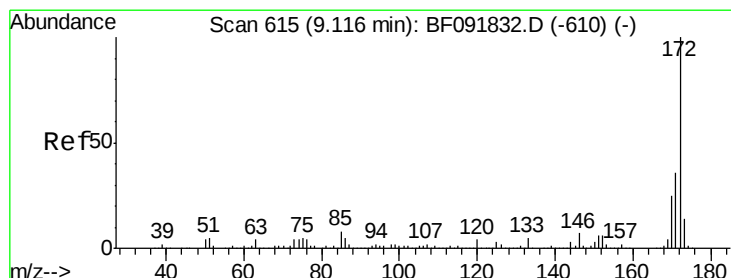
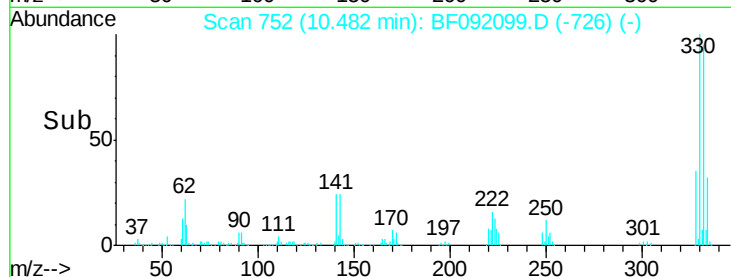
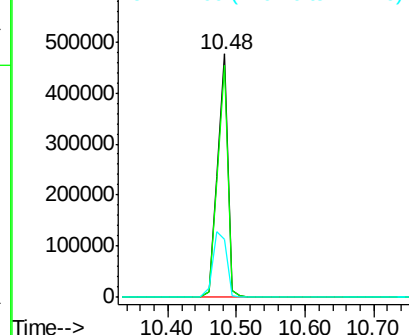
#41
 2,4,6-Tribromophenol
 Concen: 163.34 ng
 RT: 10.48 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF092099.D
 Acq: 5 Jan 2017 20:02

Instrument :
 BNA_F
 ClientSampleId :
 MW-19

Tot Ion:330 Resp: 514157
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.4 116.2
 141 35.4 34.1 51.1

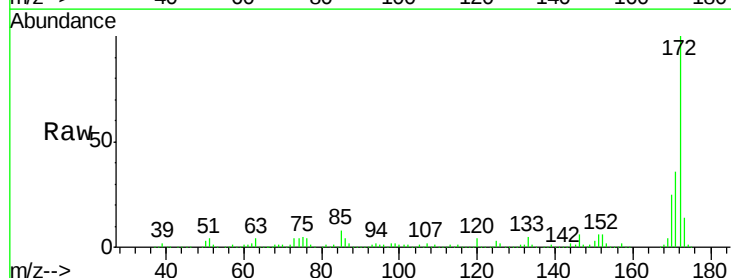


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

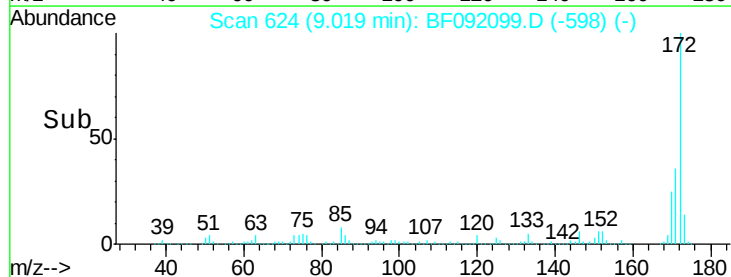
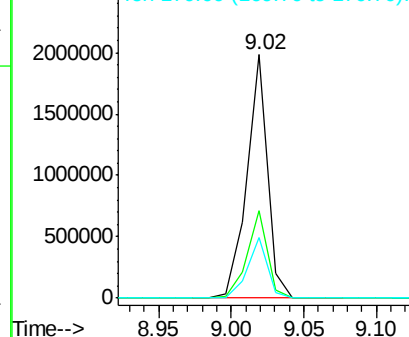


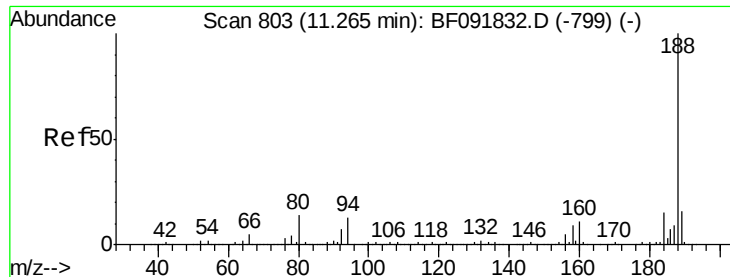
#44
 2-Fluorobiphenyl
 Concen: 108.69 ng
 RT: 9.02 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF092099.D
 Acq: 5 Jan 2017 20:02

Tgt Ion:172 Resp: 1950894
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.8 20.2 30.4



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

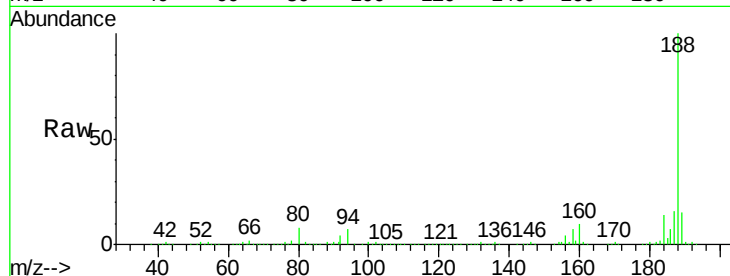




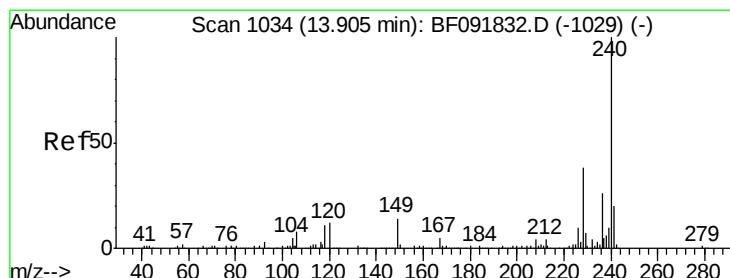
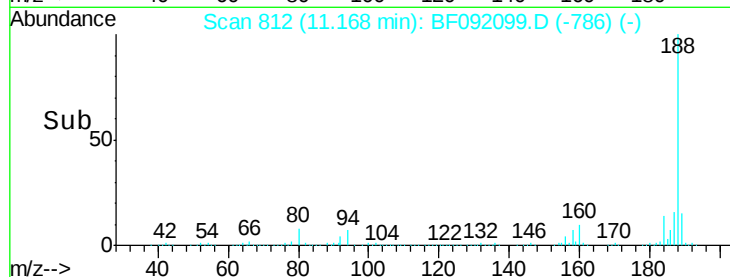
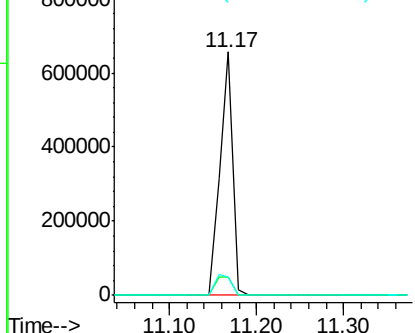
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF092099.D
Acq: 5 Jan 2017 20:02

Instrument :
BNA_F
ClientSampleId :
MW-19

Tot Ion:188 Resp: 685666
Ion Ratio Lower Upper
188 100
94 7.4 10.0 15.0#
80 7.5 11.2 16.8#

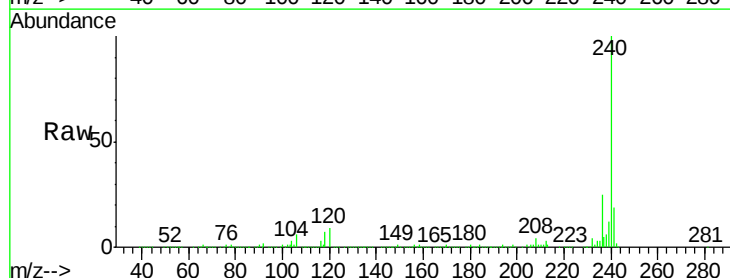


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

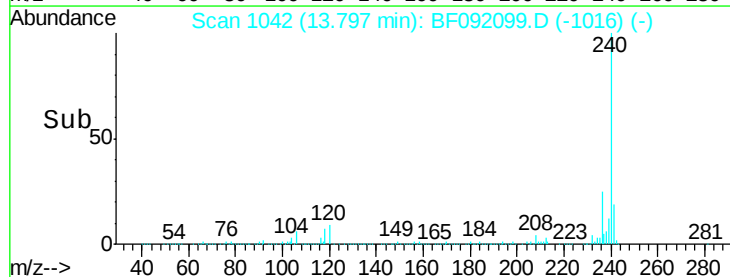
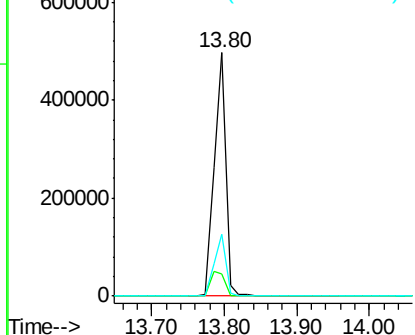


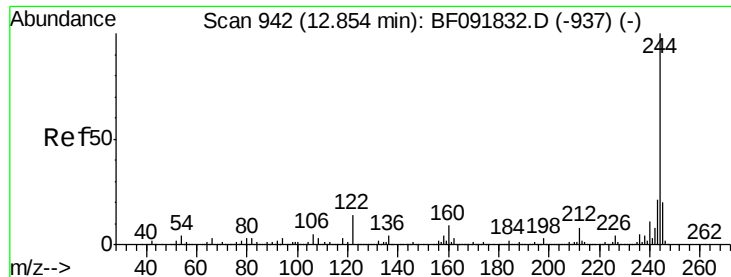
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BF092099.D
Acq: 5 Jan 2017 20:02

Tgt Ion:240 Resp: 549039
Ion Ratio Lower Upper
240 100
120 8.9 12.9 19.3#
236 25.4 20.9 31.3



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

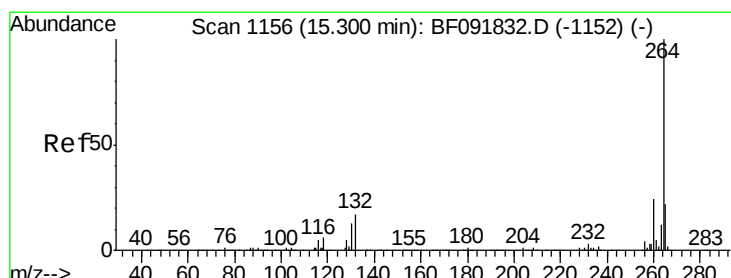
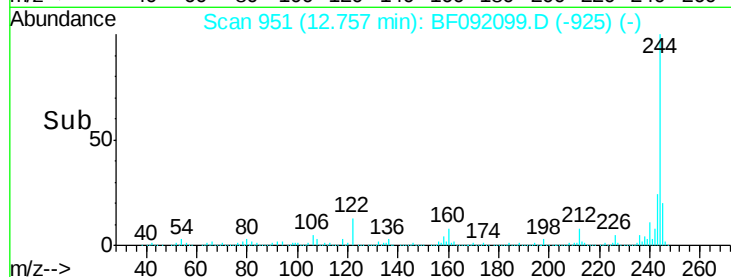
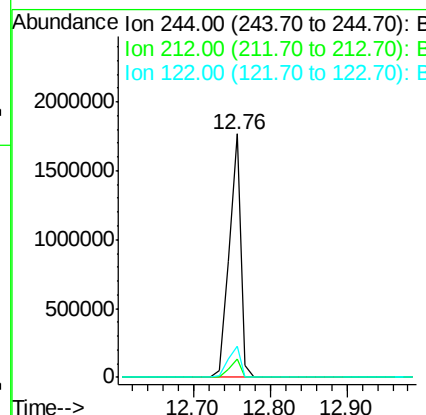
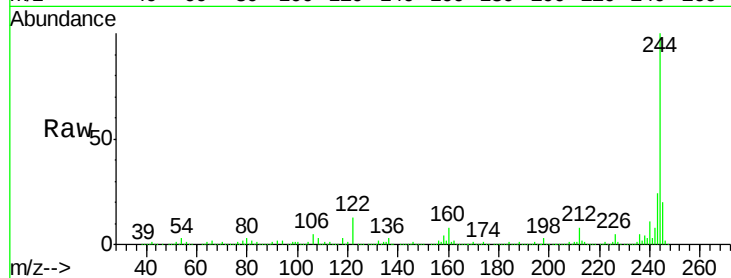




#78
 Terphenyl-d14
 Concen: 83.70 ng
 RT: 12.76 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: BF092099.D
 Acq: 5 Jan 2017 20:02

Instrument :
 BNA_F
 ClientSampleId :
 MW-19

Tot Ion:244 Resp: 1894806
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 12.9 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.17 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: BF092099.D
 Acq: 5 Jan 2017 20:02

Tgt Ion:264 Resp: 397796
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 20.7 17.4 26.0

