

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032117\
 Data File : BF093795.D
 Acq On : 21 Mar 2017 13:52
 Operator : SJ/MA
 Sample : I2263-24
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-104D

Quant Time: Mar 22 01:55:50 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 21 14:38:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	188187	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	745155	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	359866	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	648662	20.00	ng	0.00
75) Chrysene-d12	13.97	240	486636	20.00	ng	0.00
86) Perylene-d12	15.37	264	316988	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	688352	63.96	ng	0.00
7) Phenol-d6	6.45	99	611331	45.97	ng	-0.01
23) Nitrobenzene-d5	7.38	82	1108568	84.39	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	404624	145.17	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1920184	89.72	ng	0.00
78) Terphenyl-d14	12.93	244	1431219	59.96	ng	0.00

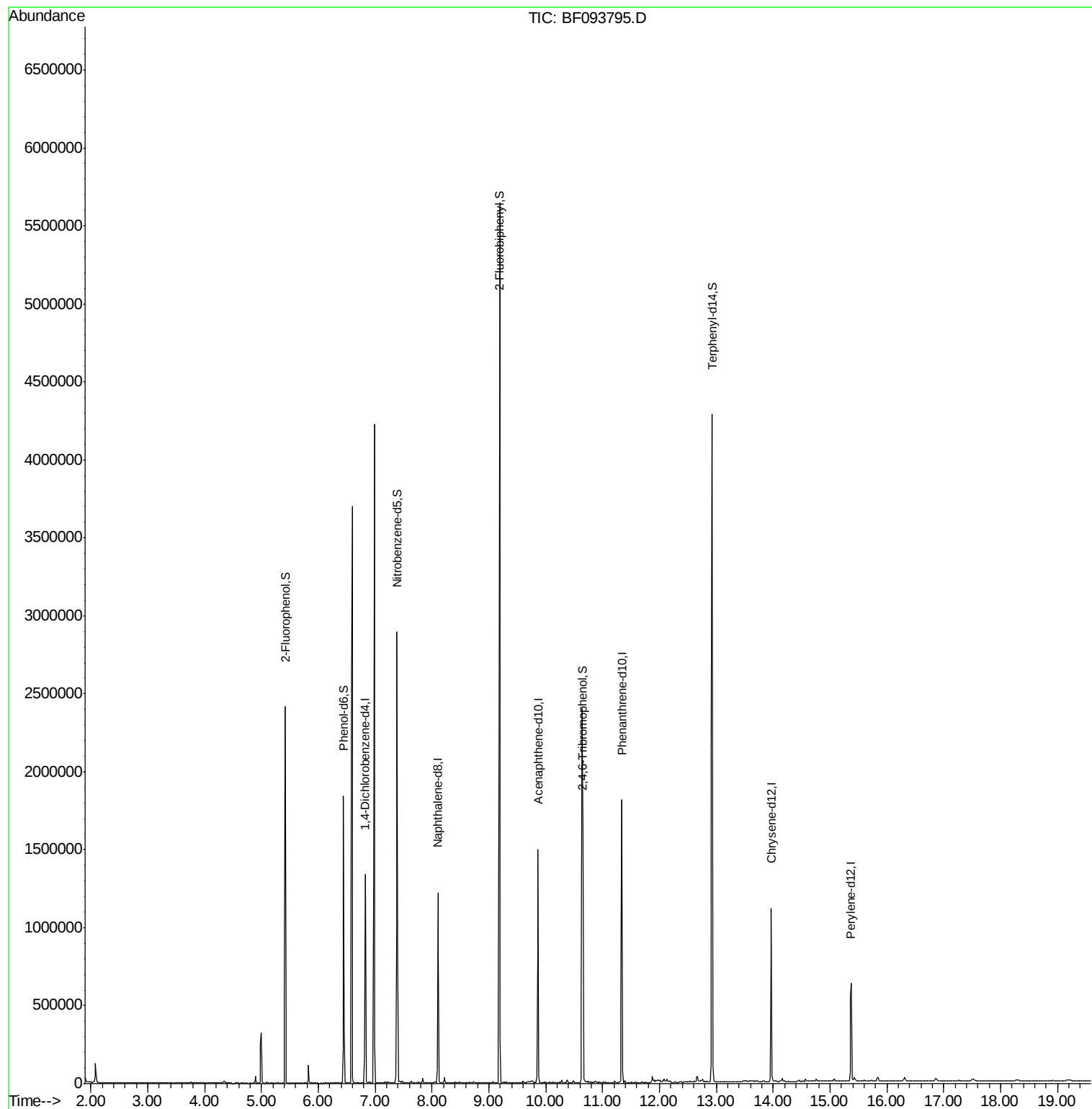
Target Compounds	Qvalue
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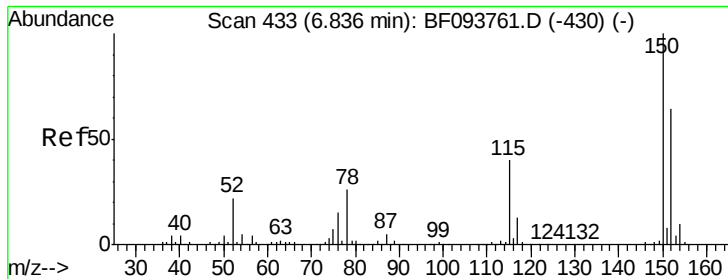
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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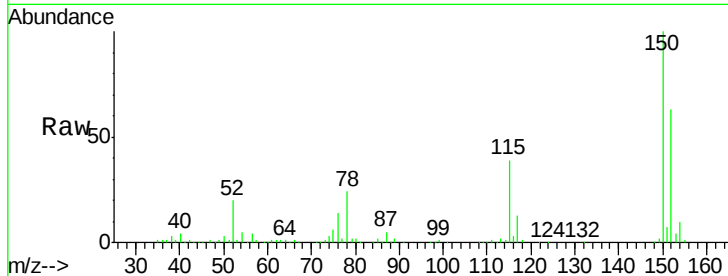




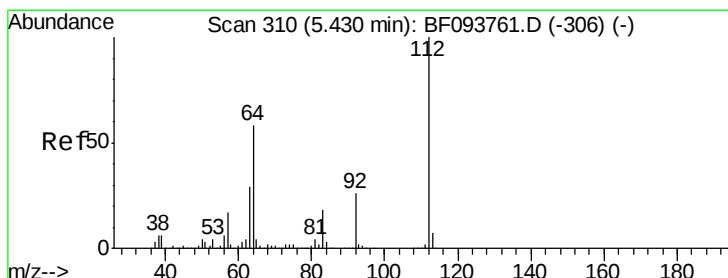
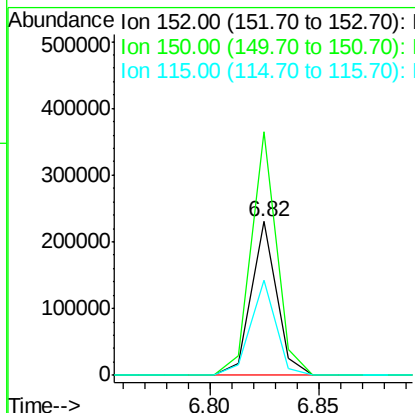
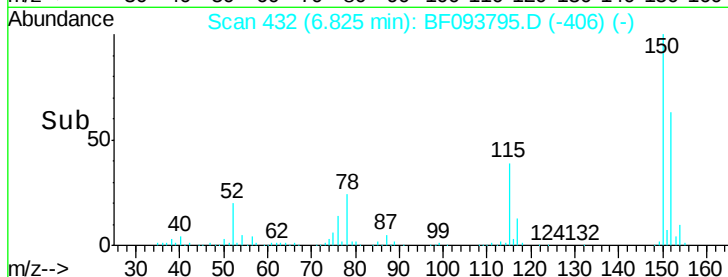
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.82 min Scan# 432
 Delta R.T. -0.00 min
 Lab File: BF093795.D
 Acq: 21 Mar 2017 13:52

Instrument :
 BNA_F
 ClientSampleId :
 MW-104D

Tgt Ion:152 Resp: 188187
 Ion Ratio Lower Upper
 152 100
 150 158.5 126.2 189.2
 115 61.9 52.2 78.2

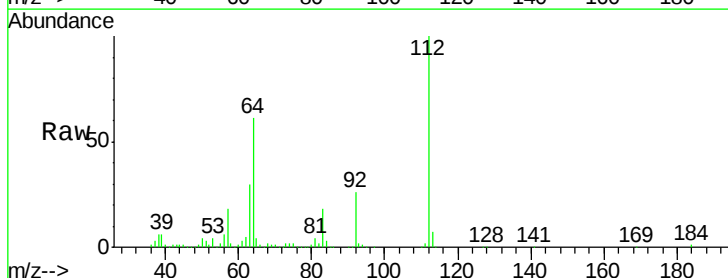


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

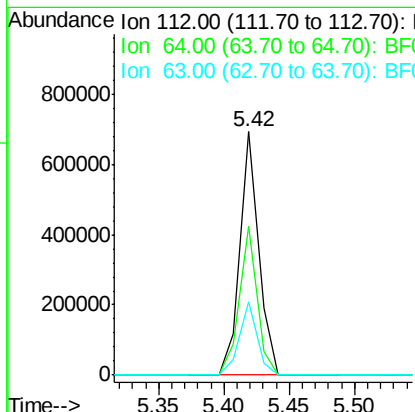
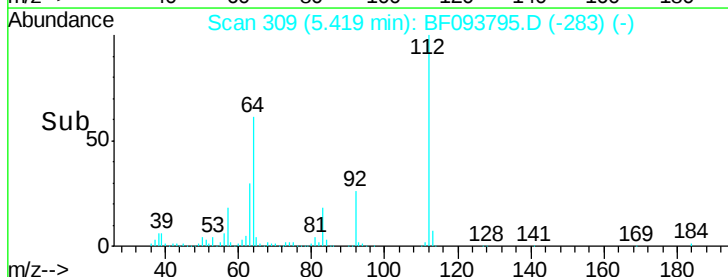


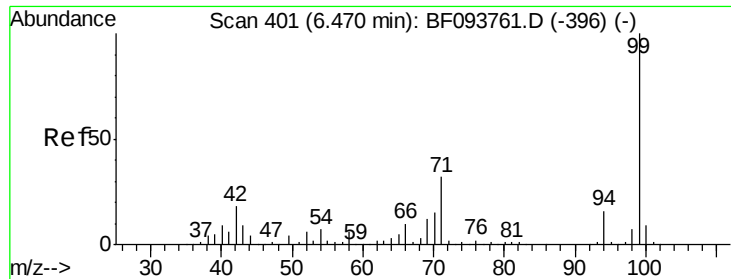
#5
 2-Fluorophenol
 Concen: 63.96 ng
 RT: 5.42 min Scan# 309
 Delta R.T. -0.00 min
 Lab File: BF093795.D
 Acq: 21 Mar 2017 13:52

Tgt Ion:112 Resp: 688352
 Ion Ratio Lower Upper
 112 100
 64 61.2 46.0 69.0
 63 30.0 23.4 35.0



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: 45.97 ng

RT: 6.45 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF093795.D

Acq: 21 Mar 2017 13:52

Instrument :

BNA_F

ClientSampleId :

MW-104D

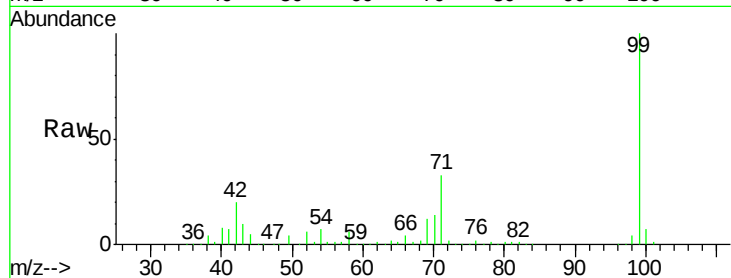
Tgt Ion: 99 Resp: 611331

Ion Ratio Lower Upper

99 100

42 19.7 13.5 20.3

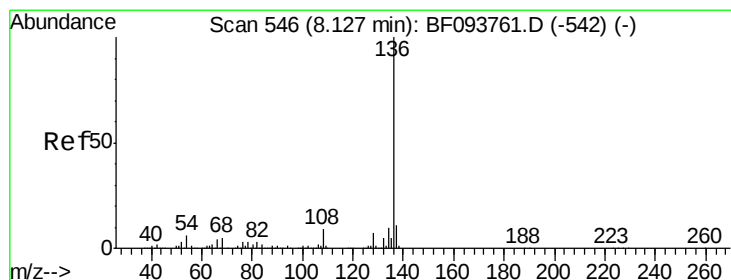
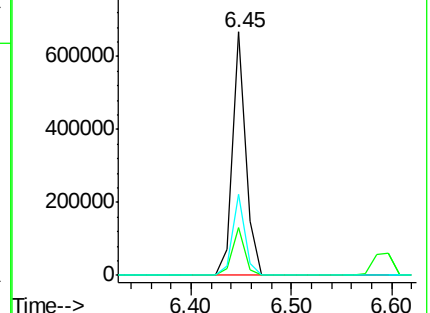
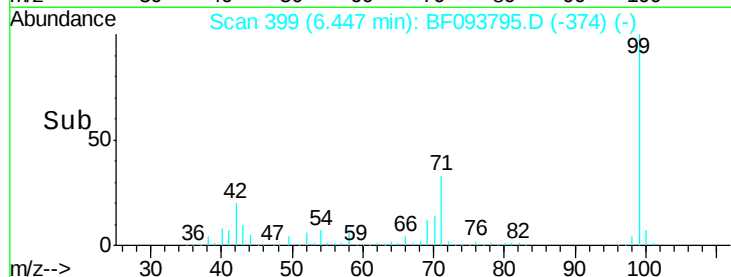
71 33.3 24.5 36.7



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: 8.10 min Scan# 544

Delta R.T. -0.01 min

Lab File: BF093795.D

Acq: 21 Mar 2017 13:52

Tgt Ion: 136 Resp: 745155

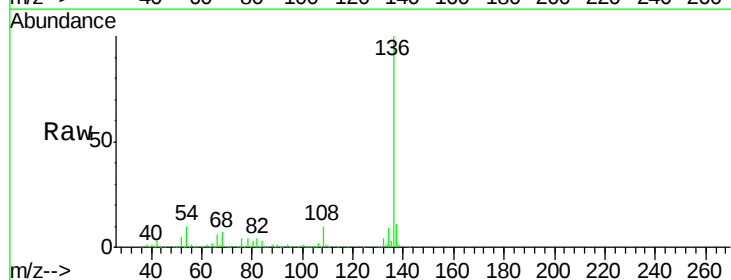
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 9.8 4.9 7.3#

68 7.5 4.1 6.1#

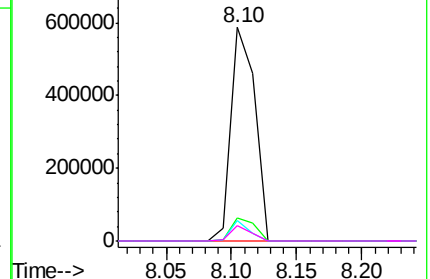
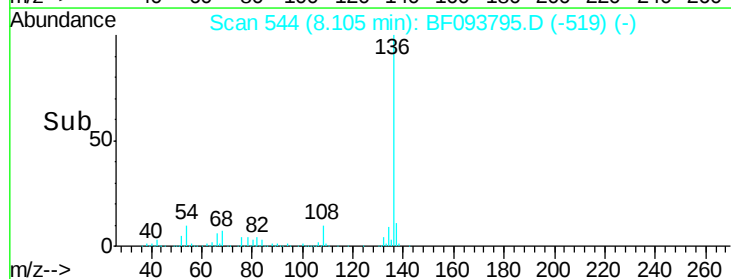


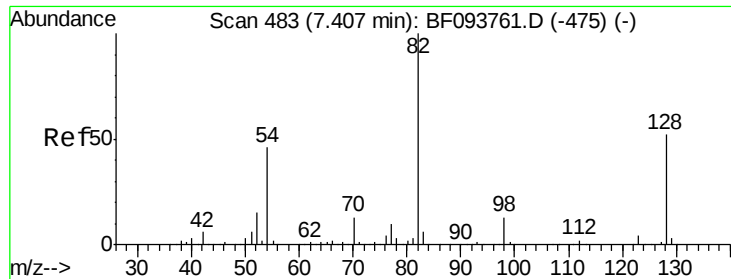
Abundance Ion 136.00 (135.70 to 136.70): E

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

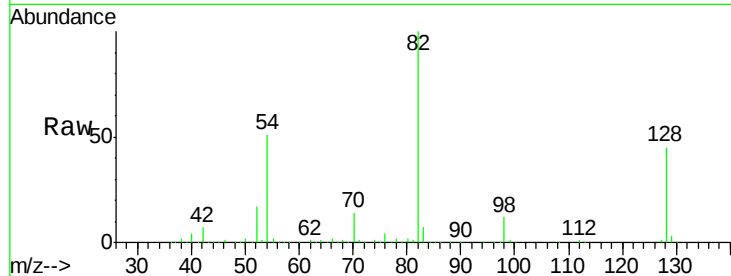




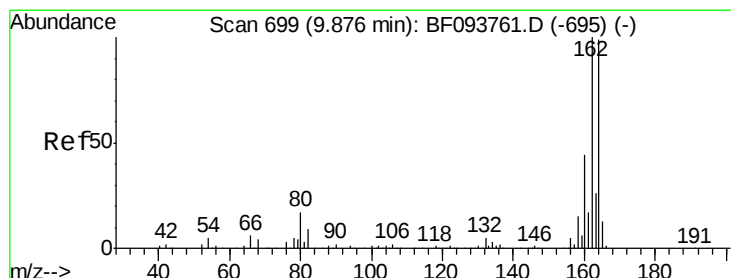
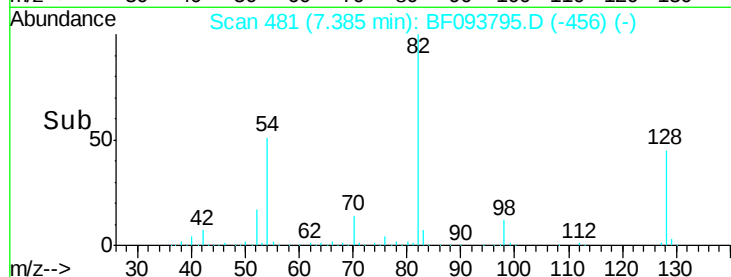
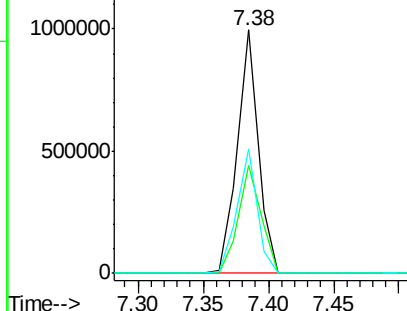
#23
 Nitrobenzene-d5
 Concen: 84.39 ng
 RT: 7.38 min Scan# 481
 Delta R.T. -0.01 min
 Lab File: BF093795.D
 Acq: 21 Mar 2017 13:52

Instrument :
 BNA_F
 ClientSampleId :
 MW-104D

Tgt Ion: 82 Resp: 1108568
 Ion Ratio Lower Upper
 82 100
 128 44.5 34.0 51.0
 54 51.3 42.2 63.2

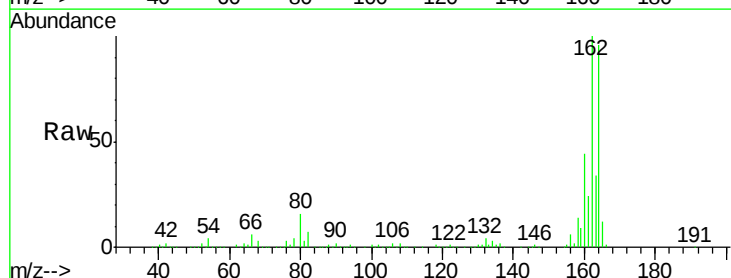


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

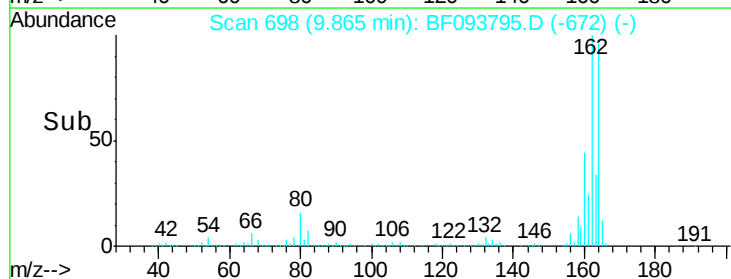
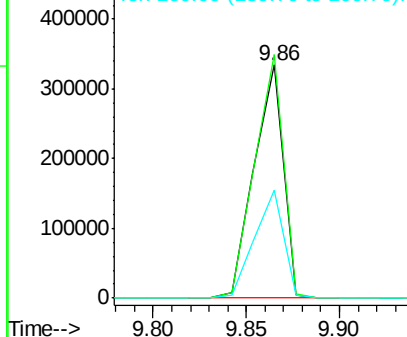


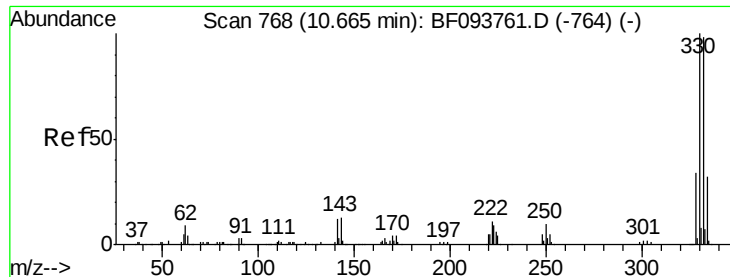
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 698
 Delta R.T. -0.00 min
 Lab File: BF093795.D
 Acq: 21 Mar 2017 13:52

Tgt Ion: 164 Resp: 359866
 Ion Ratio Lower Upper
 164 100
 162 104.4 82.6 123.8
 160 46.1 36.2 54.2



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

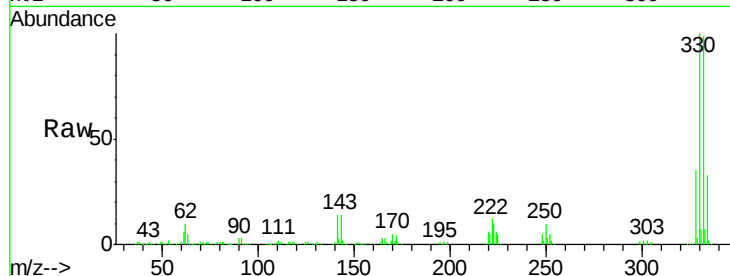




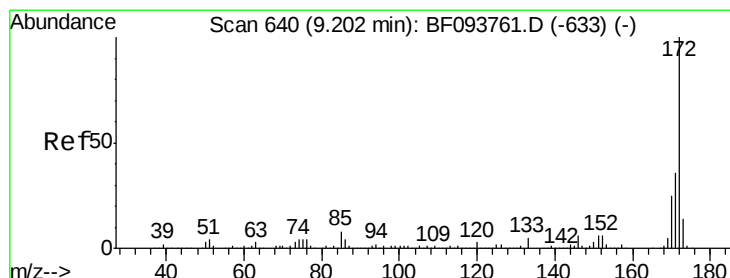
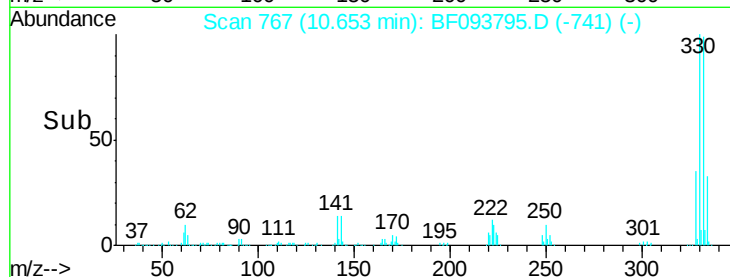
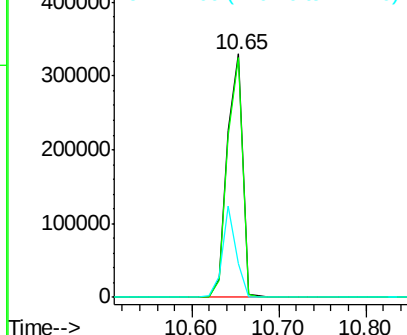
#41
 2,4,6-Tribromophenol
 Concen: 145.17 ng
 RT: 10.65 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BF093795.D
 Acq: 21 Mar 2017 13:52

Instrument :
 BNA_F
 ClientSampleId :
 MW-104D

Tgt Ion:330 Resp: 404624
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 115.0
 141 34.5 31.4 47.2

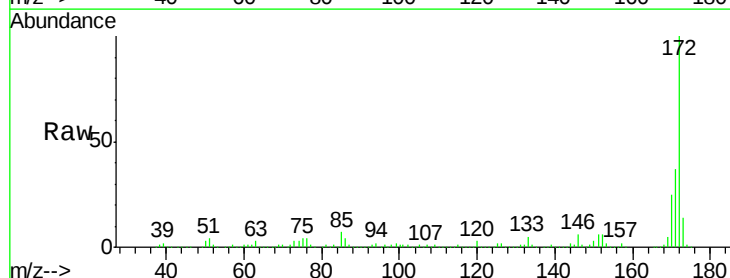


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

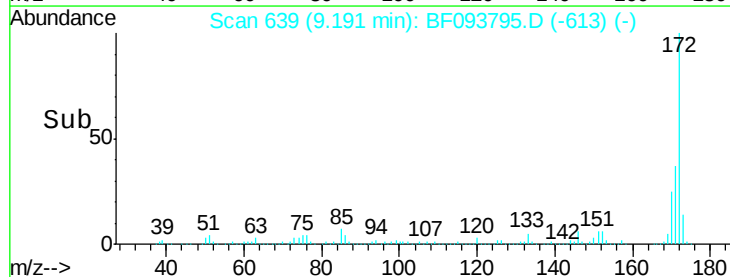
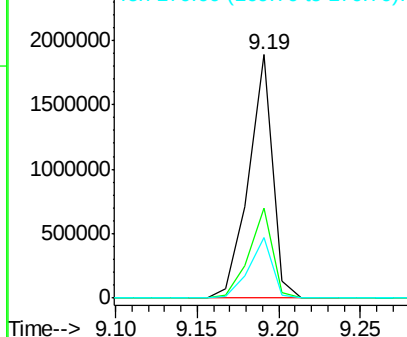


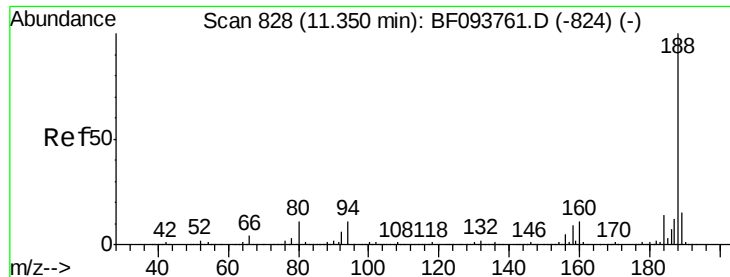
#44
 2-Fluorobiphenyl
 Concen: 89.72 ng
 RT: 9.19 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF093795.D
 Acq: 21 Mar 2017 13:52

Tgt Ion:172 Resp: 1920184
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.6 44.4
 170 24.7 19.8 29.8



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

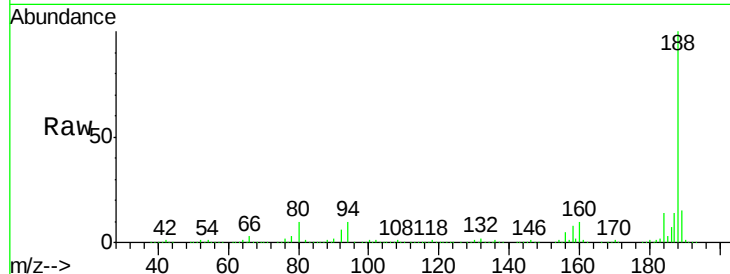




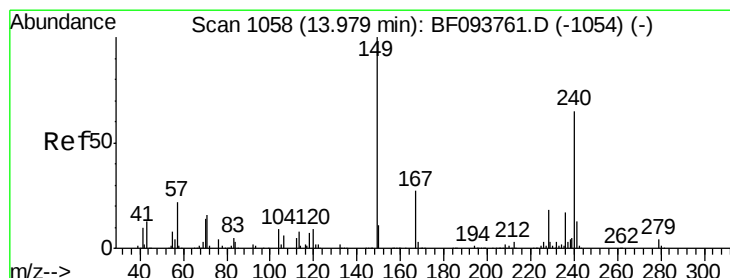
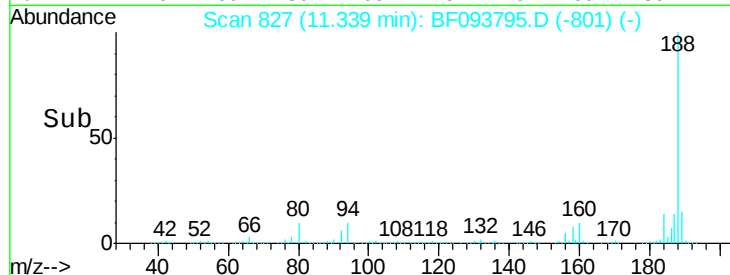
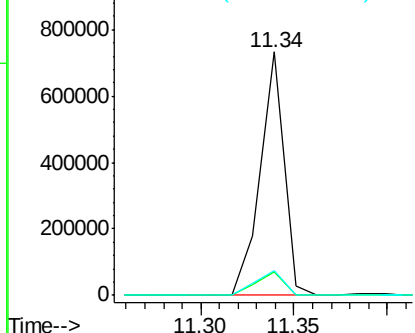
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF093795.D
Acq: 21 Mar 2017 13:52

Instrument :
BNA_F
ClientSampleId :
MW-104D

Tgt Ion:188 Resp: 648662
Ion Ratio Lower Upper
188 100
94 9.8 9.4 14.2
80 10.4 10.2 15.2

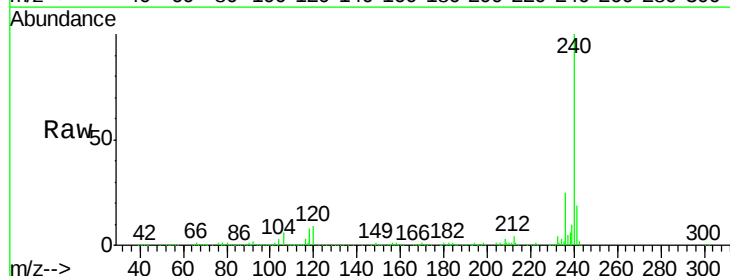


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

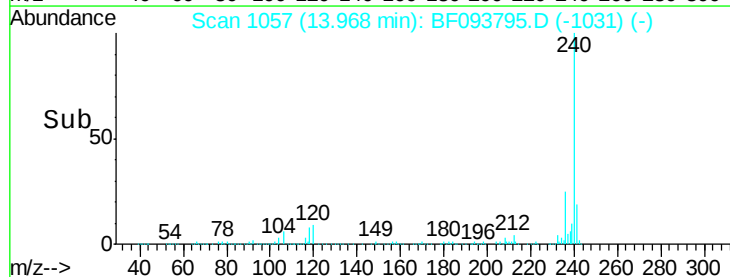
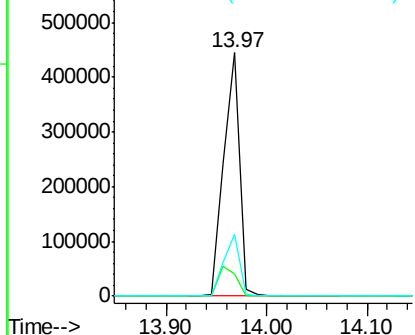


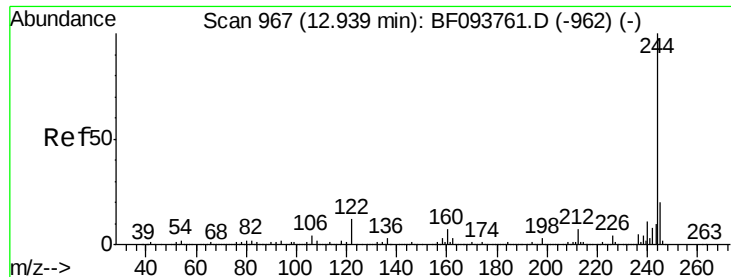
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF093795.D
Acq: 21 Mar 2017 13:52

Tgt Ion:240 Resp: 486636
Ion Ratio Lower Upper
240 100
120 9.3 5.8 8.8#
236 25.3 20.5 30.7



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

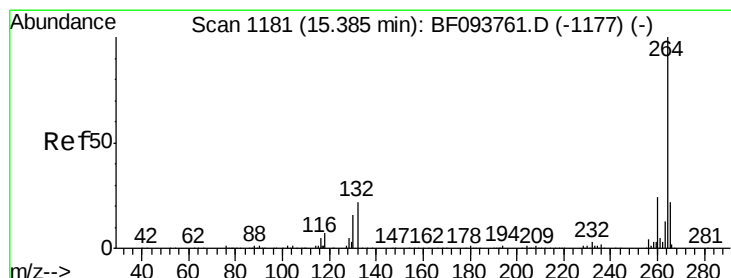
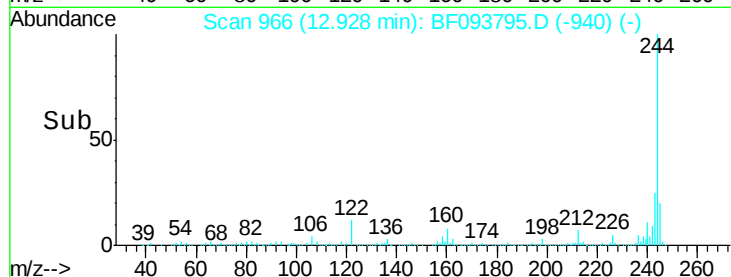
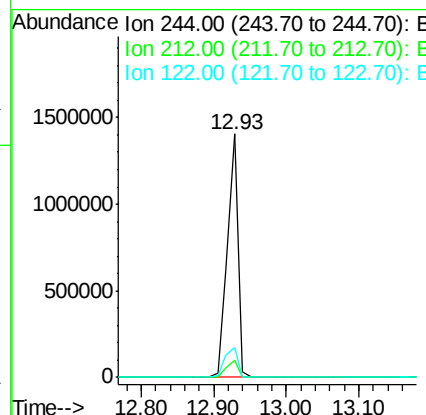
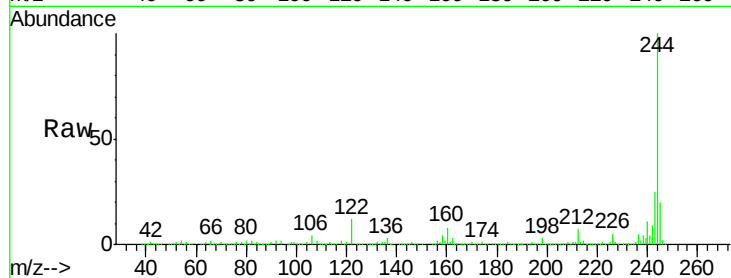




#78
 Terphenyl-d14
 Concen: 59.96 ng
 RT: 12.93 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: BF093795.D
 Acq: 21 Mar 2017 13:52

Instrument :
 BNA_F
 ClientSampleId :
 MW-104D

Tgt Ion:244 Resp: 1431219
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 12.4 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF093795.D
 Acq: 21 Mar 2017 13:52

Tgt Ion:264 Resp: 316988
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 21.6 17.2 25.8

