

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050517\
 Data File : BF094930.D
 Acq On : 5 May 2017 22:19
 Operator : SJ/MA
 Sample : I2949-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP-07-DUP

Quant Time: May 06 00:03:10 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	71717	20.00	ng	-0.01
21) Naphthalene-d8	9.74	136	293062	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	136899	20.00	ng	-0.01
63) Phenanthrene-d10	14.98	188	256827	20.00	ng	0.00
75) Chrysene-d12	18.64	240	236777	20.00	ng	-0.01
86) Perylene-d12	20.31	264	168028	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	200286	46.56	ng	0.00
7) Phenol-d6	7.27	99	173082	33.53	ng	-0.01
23) Nitrobenzene-d5	8.62	82	429581	92.43	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	95764	85.42	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	917313	96.45	ng	-0.02
78) Terphenyl-d14	17.30	244	854378	79.48	ng	-0.01

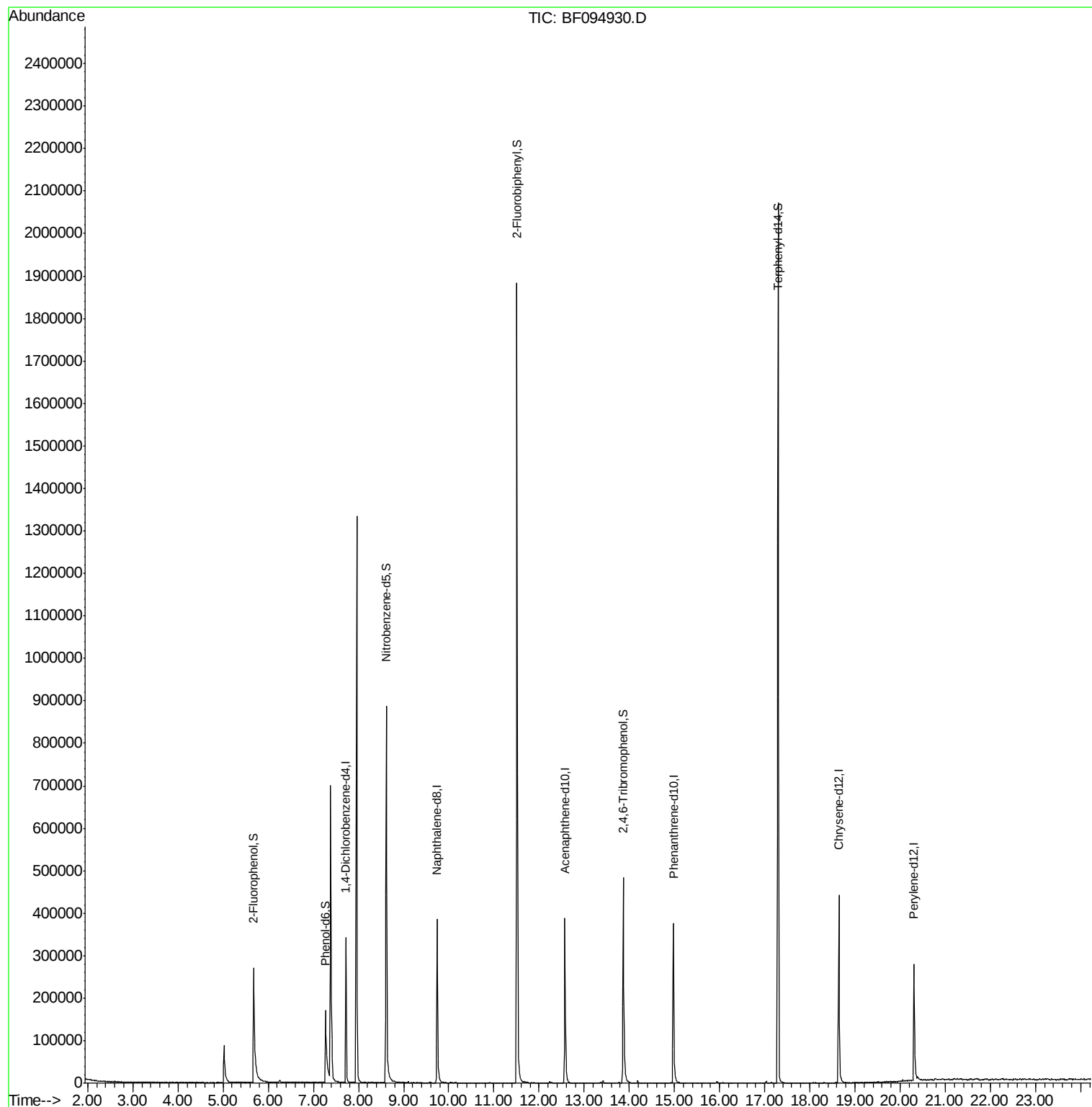
Target Compounds	Qvalue
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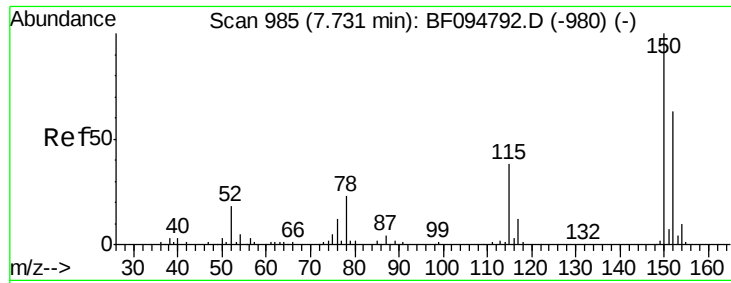
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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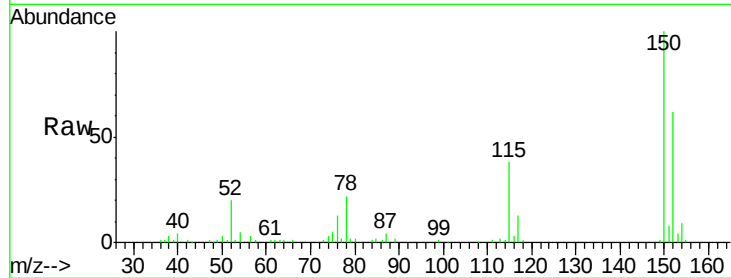


#1

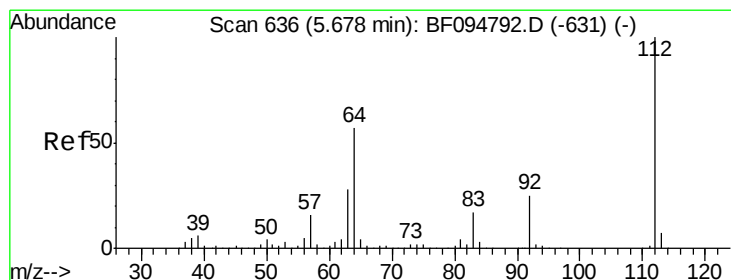
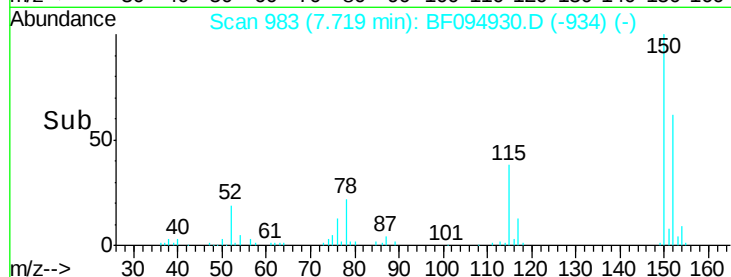
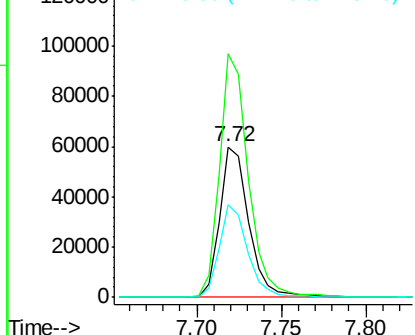
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.72 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: BF094930.D
 Acq: 5 May 2017 22:19

Instrument :
 BNA_F
 ClientSampleId :
 TWP-07-DUP

Tgt Ion:152 Resp: 71717
 Ion Ratio Lower Upper
 152 100
 150 161.8 126.2 189.2
 115 61.8 52.2 78.2



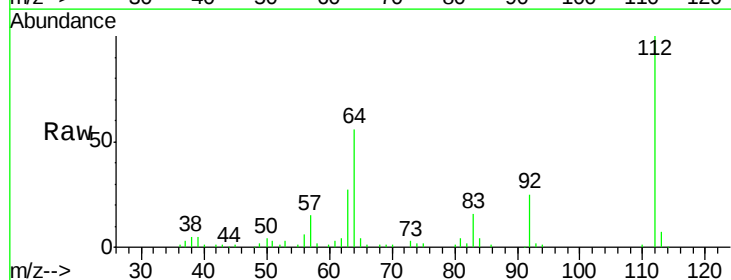
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



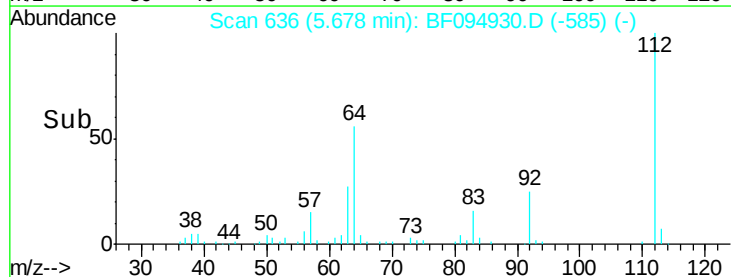
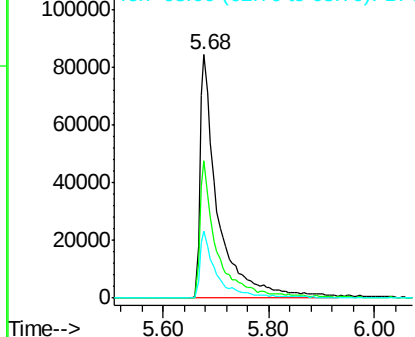
#5

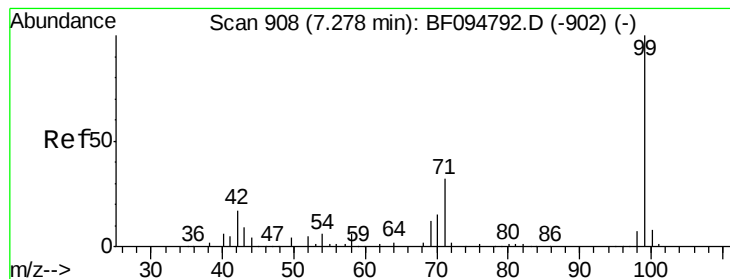
2-Fluorophenol
 Concen: 46.56 ng
 RT: 5.68 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF094930.D
 Acq: 5 May 2017 22:19

Tgt Ion:112 Resp: 200286
 Ion Ratio Lower Upper
 112 100
 64 56.3 46.0 69.0
 63 27.5 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: 33.53 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF094930.D

Acq: 5 May 2017 22:19

Instrument :

BNA_F

ClientSampleId :

TWP-07-DUP

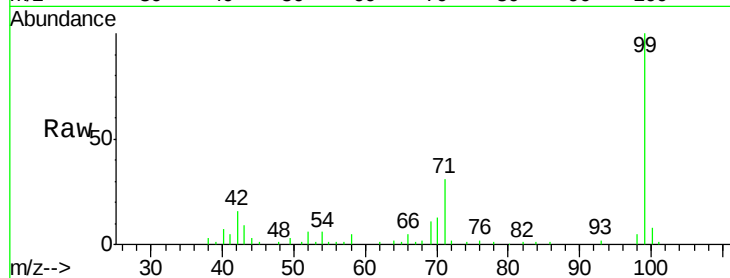
Tgt Ion: 99 Resp: 173082

Ion Ratio Lower Upper

99 100

42 15.9 13.5 20.3

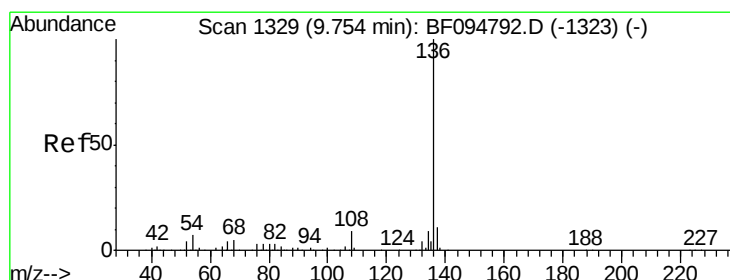
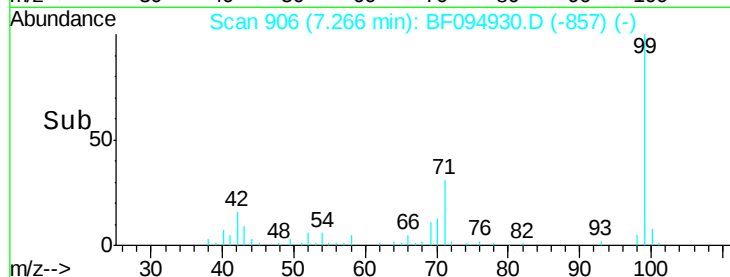
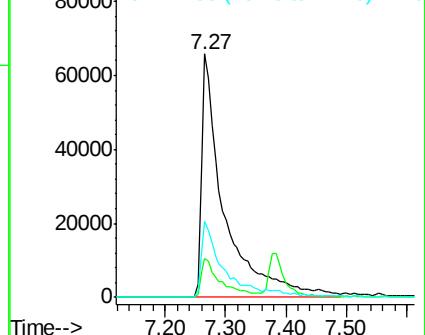
71 31.3 24.5 36.7



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: 9.74 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF094930.D

Acq: 5 May 2017 22:19

Tgt Ion: 136 Resp: 293062

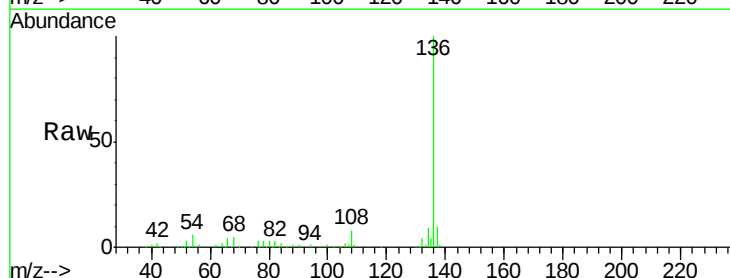
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 6.3 4.9 7.3

68 5.2 4.1 6.1

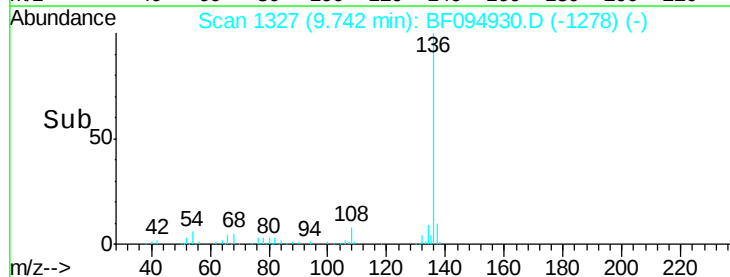
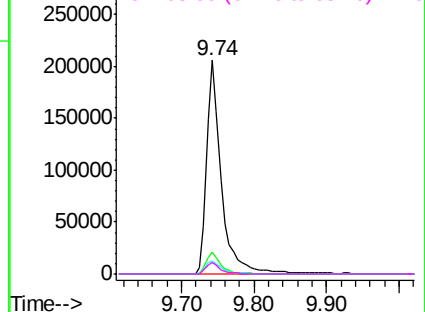


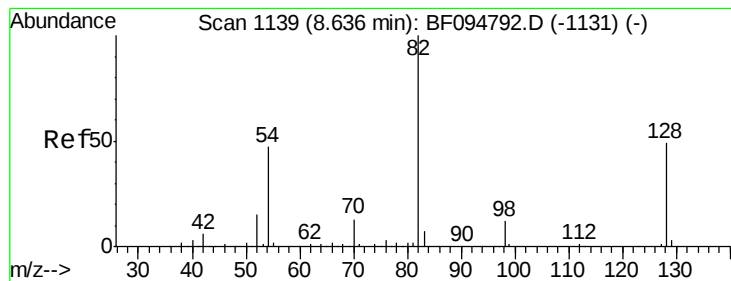
Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.43 ng

RT: 8.62 min Scan# 1136

Delta R.T. -0.02 min

Lab File: BF094930.D

Acq: 5 May 2017 22:19

Instrument :

BNA_F

ClientSampleId :

TWP-07-DUP

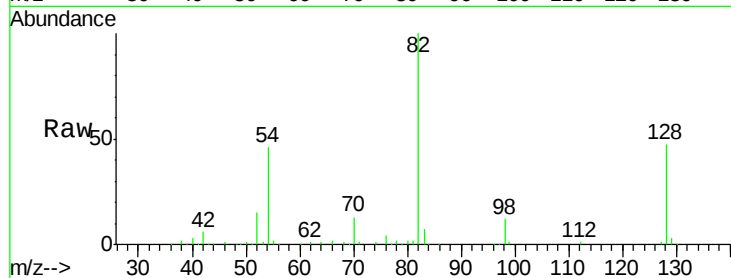
Tgt Ion: 82 Resp: 429581

Ion Ratio Lower Upper

82 100

128 47.3 34.0 51.0

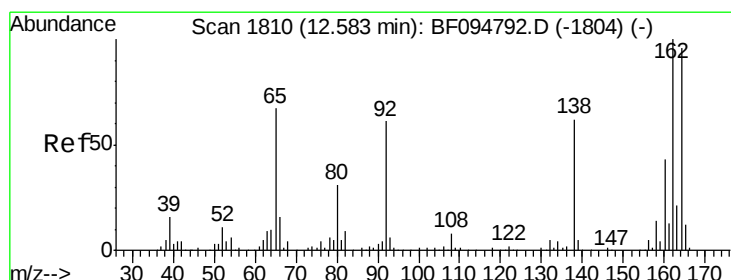
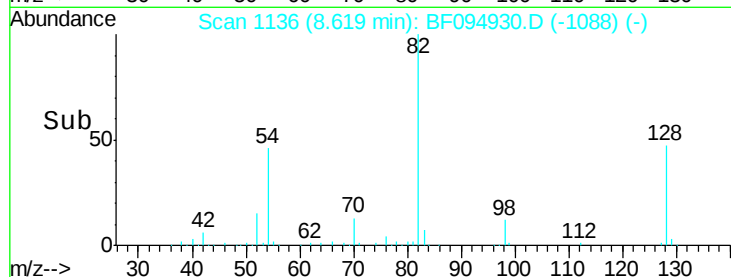
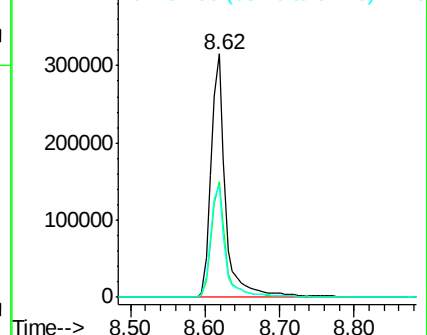
54 45.8 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.57 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF094930.D

Acq: 5 May 2017 22:19

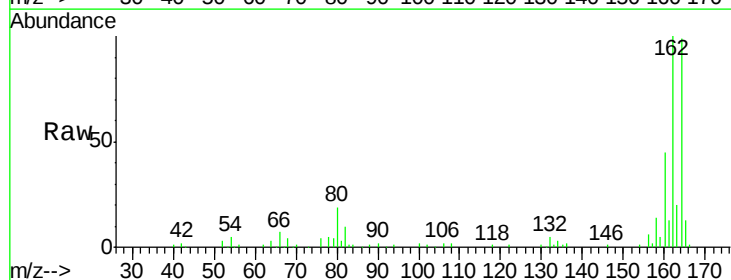
Tgt Ion: 164 Resp: 136899

Ion Ratio Lower Upper

164 100

162 100.8 82.6 123.8

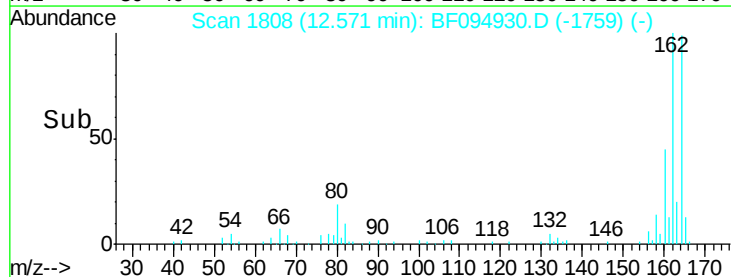
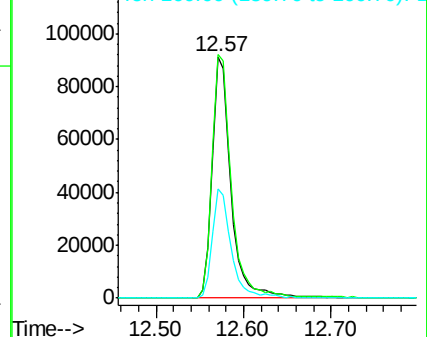
160 45.2 36.2 54.2

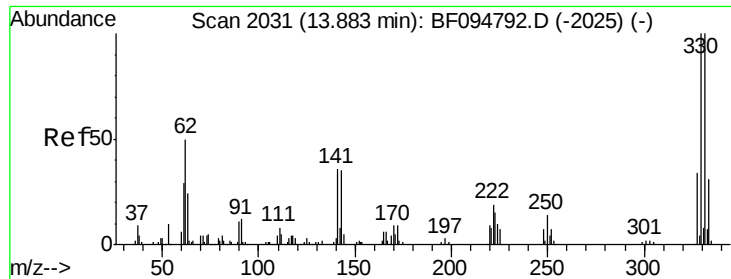


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

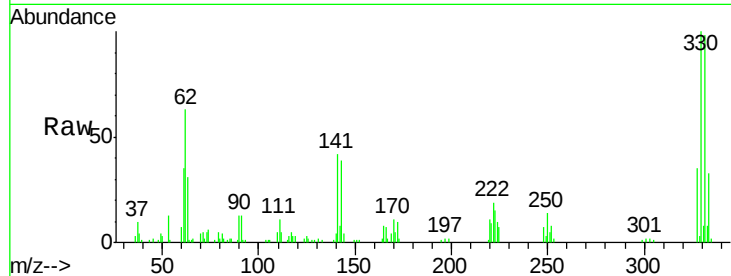




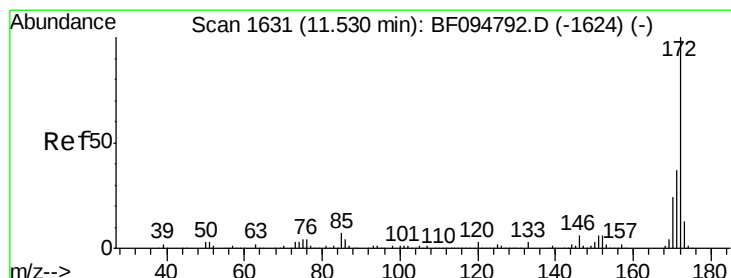
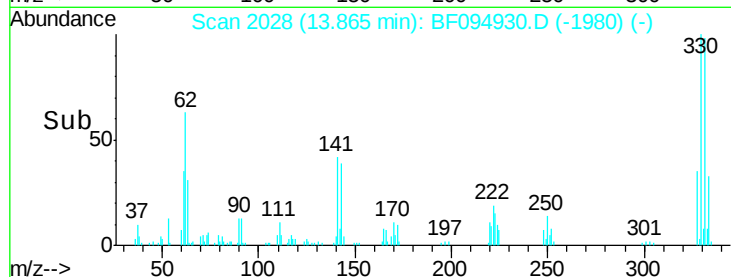
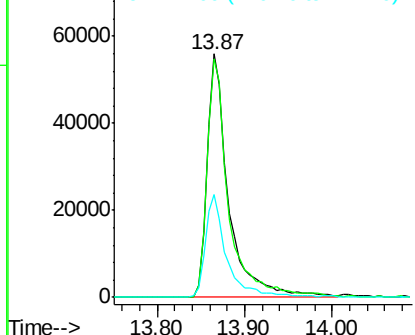
#41
 2,4,6-Tribromophenol
 Concen: 85.42 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF094930.D
 Acq: 5 May 2017 22:19

Instrument :
 BNA_F
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 TWP-07-DUP

Tgt Ion: 330 Resp: 95764
 Ion Ratio Lower Upper
 330 100
 332 98.5 76.6 115.0
 141 41.0 31.4 47.2

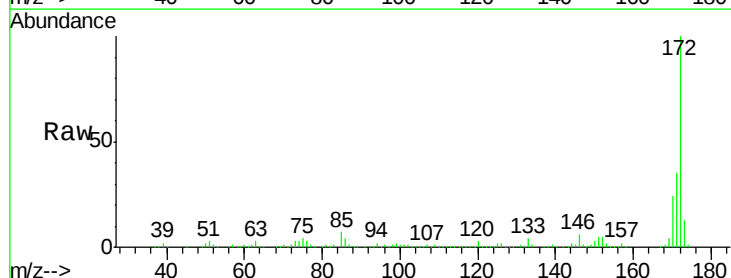


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

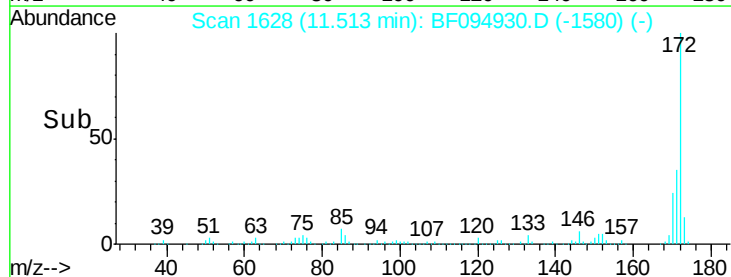
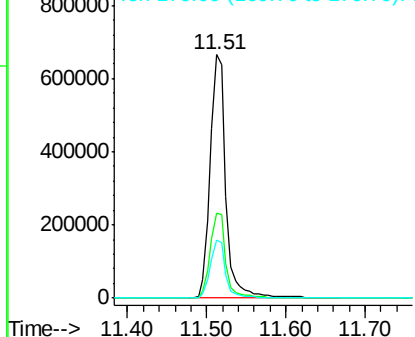


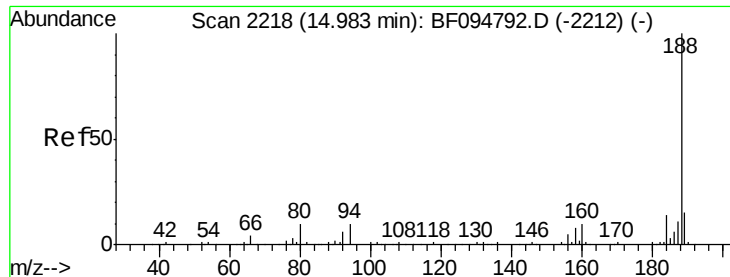
#44
 2-Fluorobiphenyl
 Concen: 96.45 ng
 RT: 11.51 min Scan# 1628
 Delta R.T. -0.02 min
 Lab File: BF094930.D
 Acq: 5 May 2017 22:19

Tgt Ion: 172 Resp: 917313
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.6 44.4
 170 23.6 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

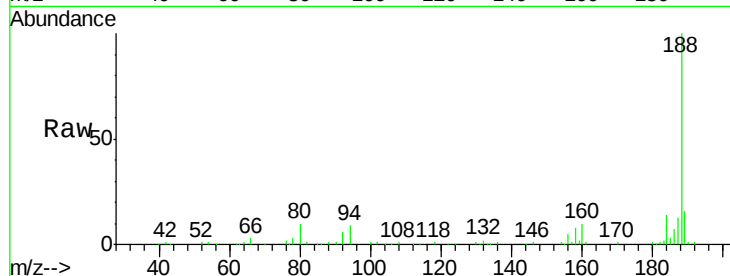




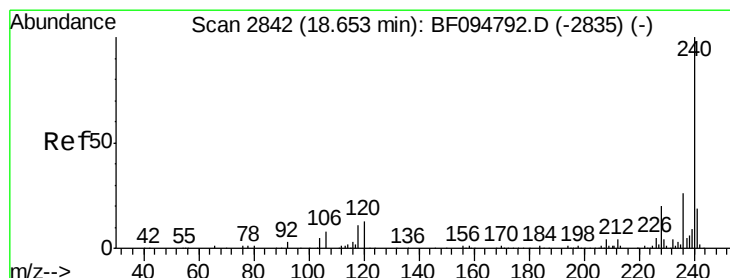
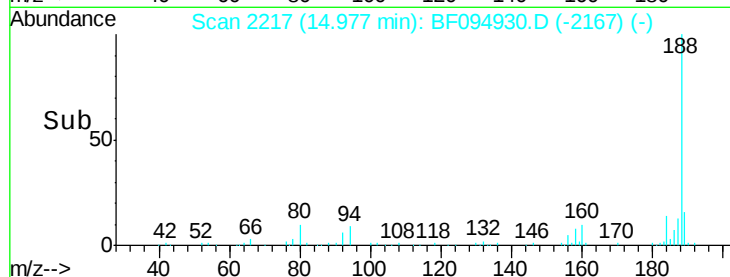
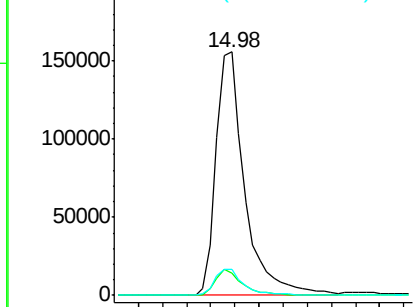
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.98 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF094930.D
Acq: 5 May 2017 22:19

Instrument :
BNA_F
ClientSampleId :
TWP-07-DUP

Tgt Ion:188 Resp: 256827
Ion Ratio Lower Upper
188 100
94 9.1 9.4 14.2#
80 10.4 10.2 15.2

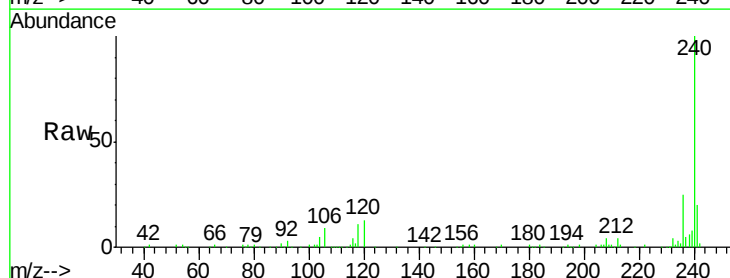


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

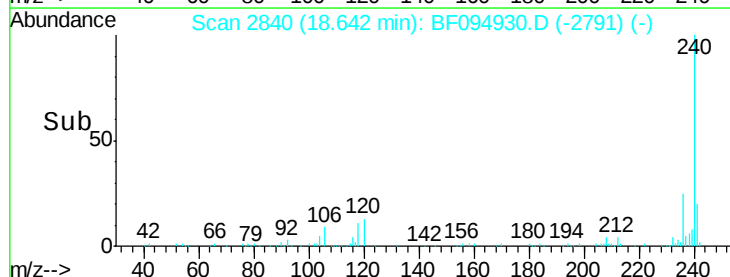
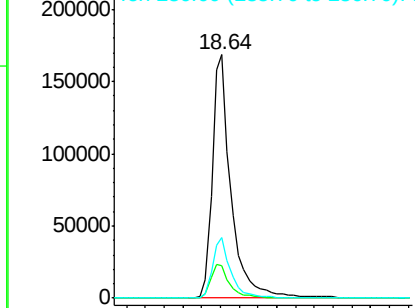


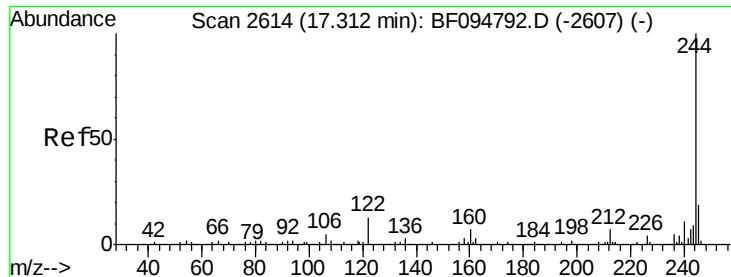
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BF094930.D
Acq: 5 May 2017 22:19

Tgt Ion:240 Resp: 236777
Ion Ratio Lower Upper
240 100
120 13.3 5.8 8.8#
236 24.9 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

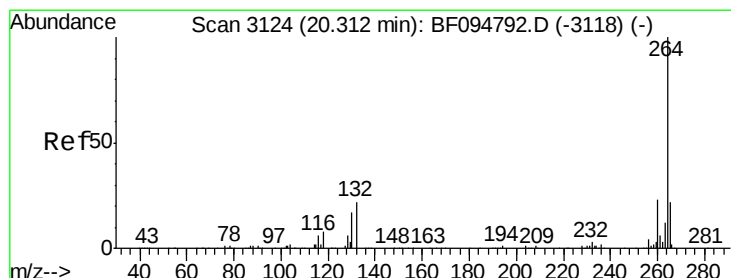
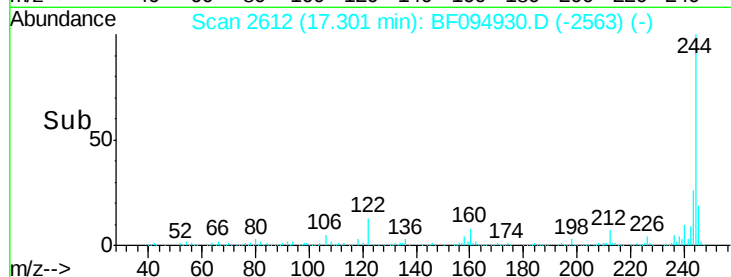
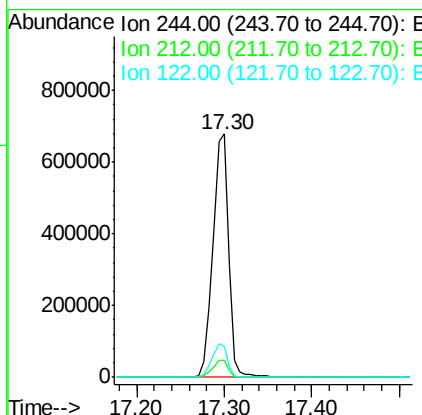
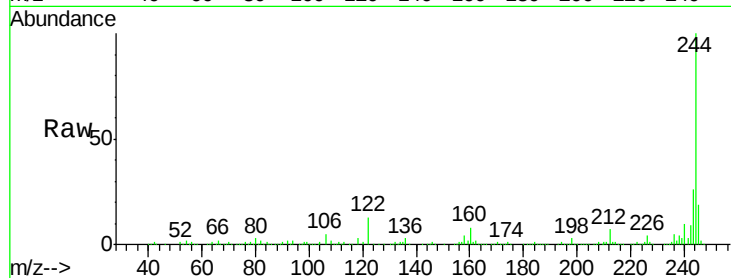




#78
 Terphenyl-d14
 Concen: 79.48 ng
 RT: 17.30 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BF094930.D
 Acq: 5 May 2017 22:19

Instrument :
 BNA_F
 ClientSampleId :
 TWP-07-DUP

Tgt Ion:244 Resp: 854378
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 12.8 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.31 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF094930.D
 Acq: 5 May 2017 22:19

Tgt Ion:264 Resp: 168028
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 20.9 17.2 25.8

