

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050317\
 Data File : BF094841.D
 Acq On : 3 May 2017 18:58
 Operator : SJ/MA
 Sample : PB98646BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98646BL

Quant Time: May 04 01:48:48 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	7.73	152	92056	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	362845	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	173797	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	349423	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	323744	20.00	ng	-0.02
86) Perylene-d12	20.30	264	245225	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	658299	119.22	ng	0.00
7) Phenol-d6	7.27	99	797047	120.31	ng	0.00
23) Nitrobenzene-d5	8.62	82	460924	80.10	ng	-0.01
41) 2,4,6-Tribromophenol	13.87	330	179270	125.95	ng	-0.02
44) 2-Fluorobiphenyl	11.52	172	949445	78.63	ng	-0.01
78) Terphenyl-d14	17.30	244	979302	66.63	ng	-0.01

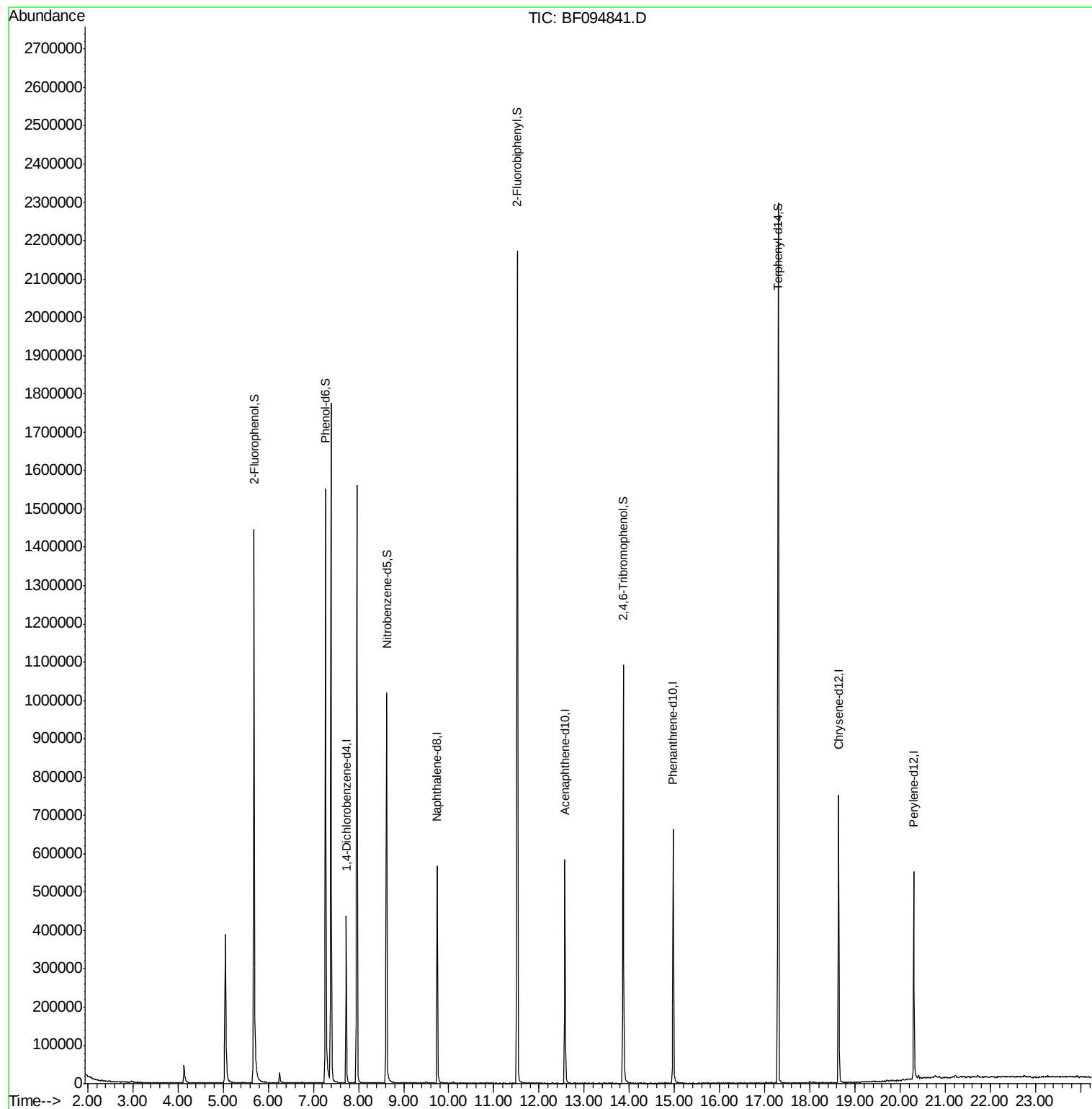
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.73 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF094841.D

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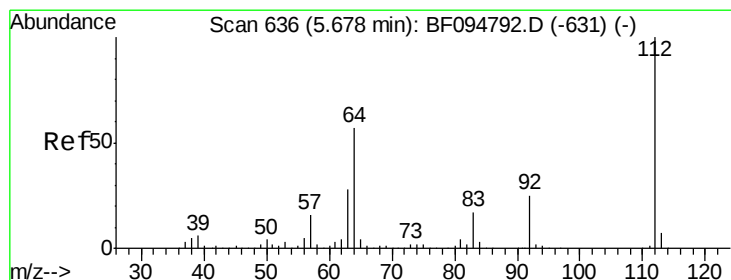
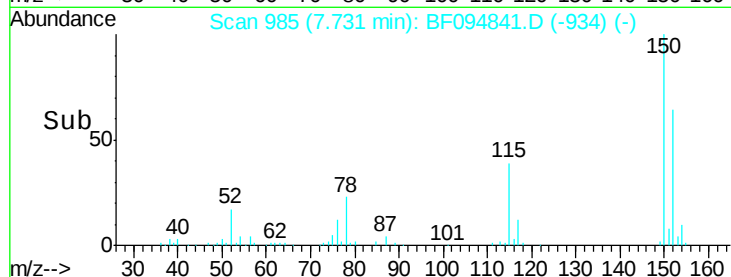
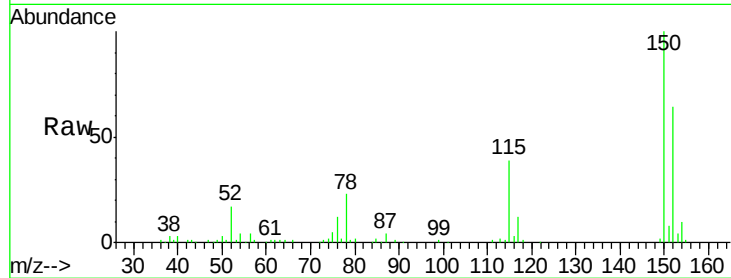
Tgt Ion:152 Resp: 92056

Ion Ratio Lower Upper

152 100

150 155.4 126.2 189.2

115 60.8 52.2 78.2



#5

2-Fluorophenol

Concen: 119.22 ng

RT: 5.68 min Scan# 637

Delta R.T. 0.01 min

Lab File: BF094841.D

Acq: 3 May 2017 18:58

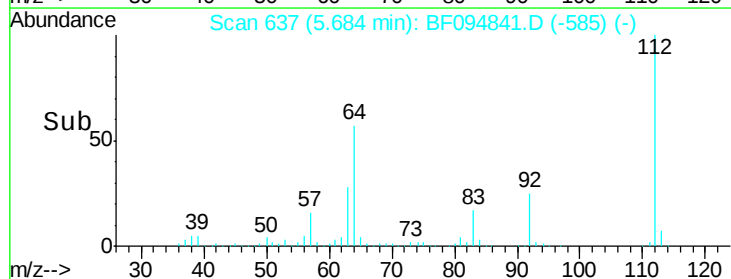
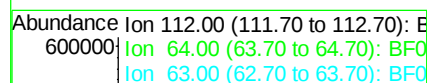
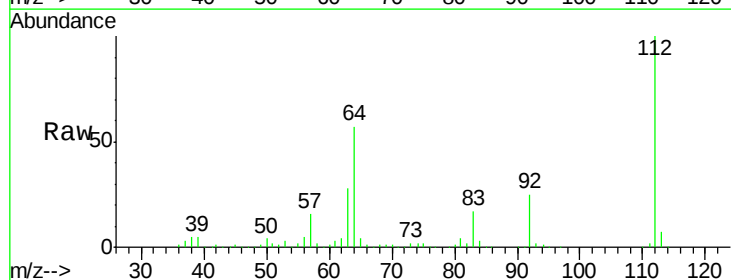
Tgt Ion:112 Resp: 658299

Ion Ratio Lower Upper

112 100

64 56.8 46.0 69.0

63 27.9 23.4 35.0





#7

Phenol-d6

Concen: 120.31 ng

RT: 7.27 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF094841.D

Acq: 3 May 2017 18:58

Instrument :

BNA_F

ClientSampleId :

PB98646BL

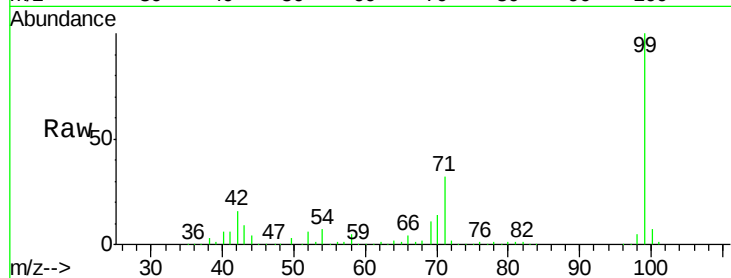
Tgt Ion: 99 Resp: 797047

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

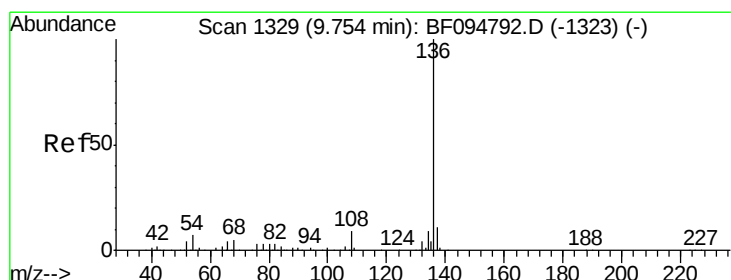
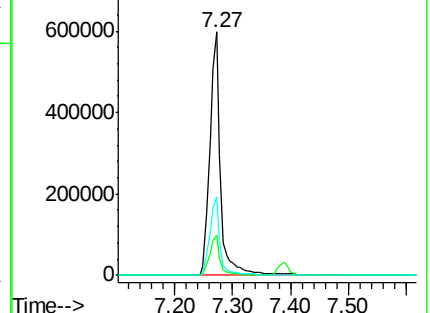
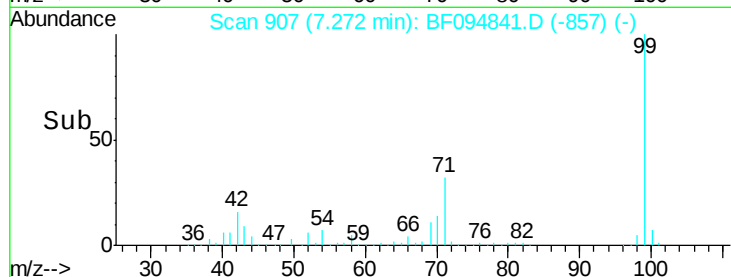
71 32.0 24.5 36.7



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: BF094841.D

Acq: 3 May 2017 18:58

Tgt Ion: 136 Resp: 362845

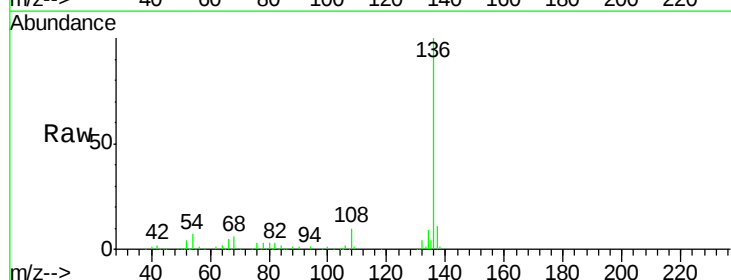
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.1 4.9 7.3

68 5.5 4.1 6.1

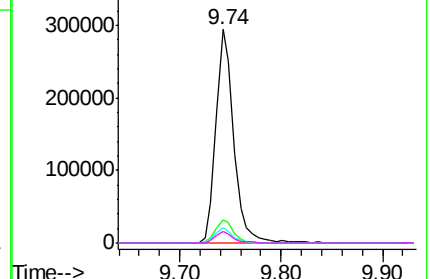
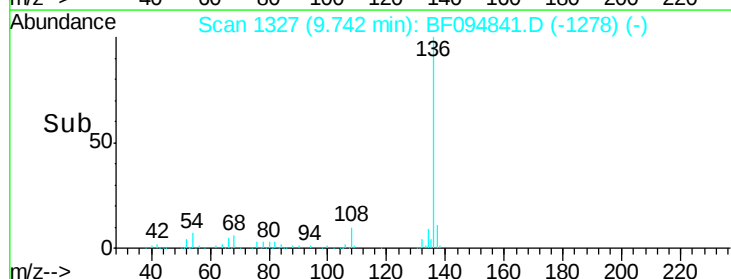


Abundance Ion 136.00 (135.70 to 136.70): E

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

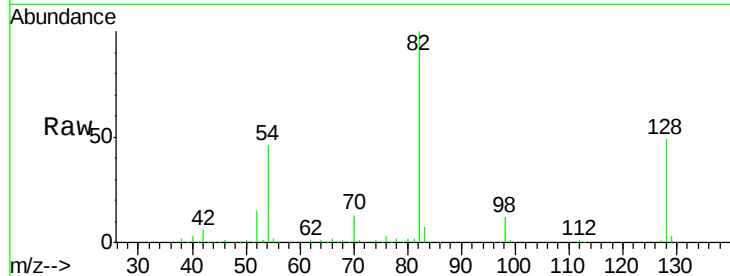




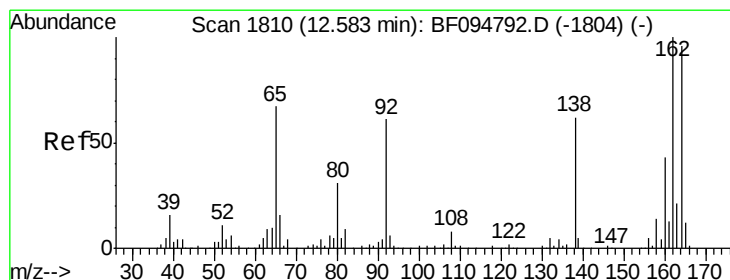
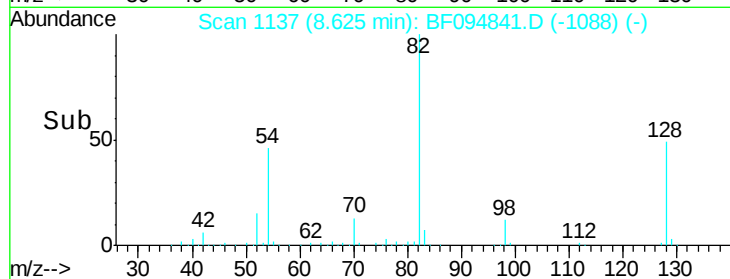
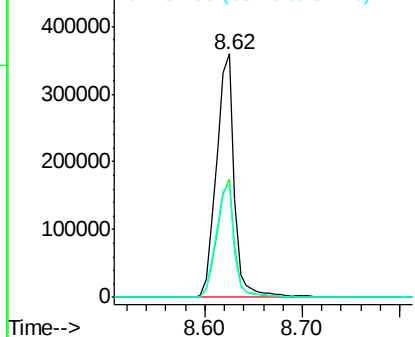
#23
 Nitrobenzene-d5
 Concen: 80.10 ng
 RT: 8.62 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BF094841.D
 Acq: 3 May 2017 18:58

Instrument :
 BNA_F
 ClientSampleId :
 PB98646BL

Tgt Ion: 82 Resp: 460924
 Ion Ratio Lower Upper
 82 100
 128 48.7 34.0 51.0
 54 46.1 42.2 63.2

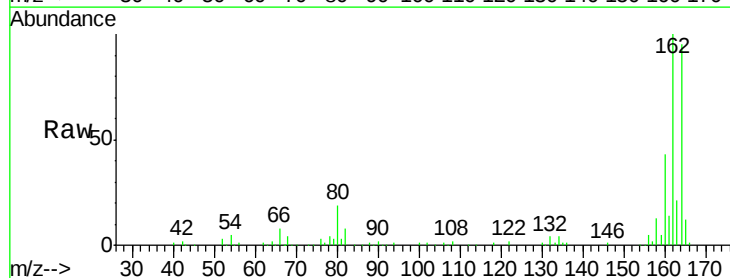


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

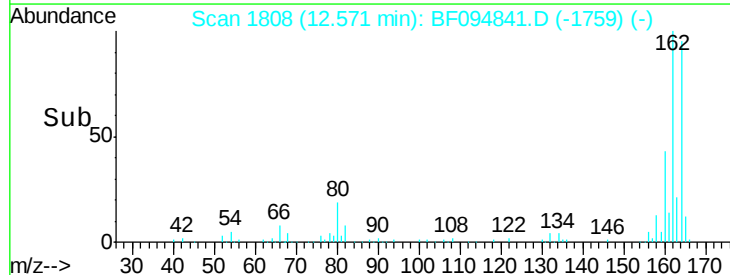
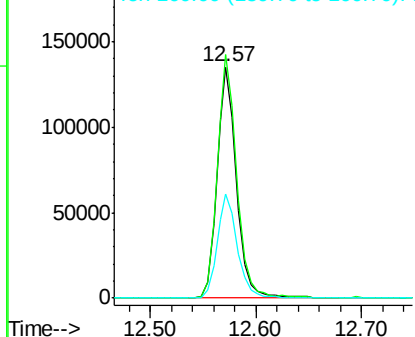


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.57 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: BF094841.D
 Acq: 3 May 2017 18:58

Tgt Ion: 164 Resp: 173797
 Ion Ratio Lower Upper
 164 100
 162 105.4 82.6 123.8
 160 45.1 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

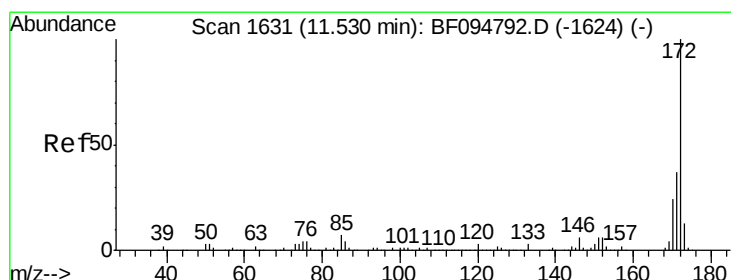
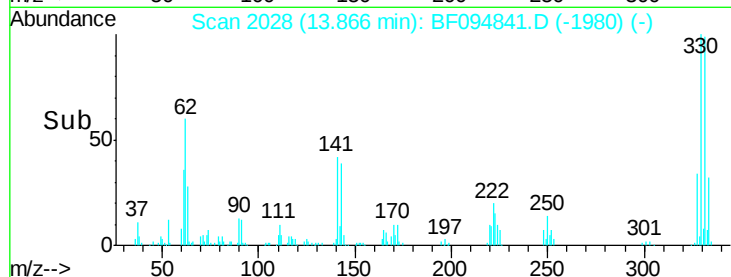
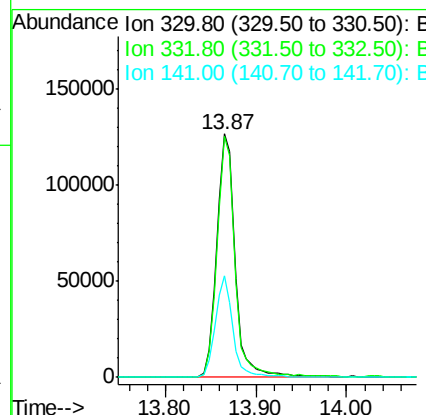
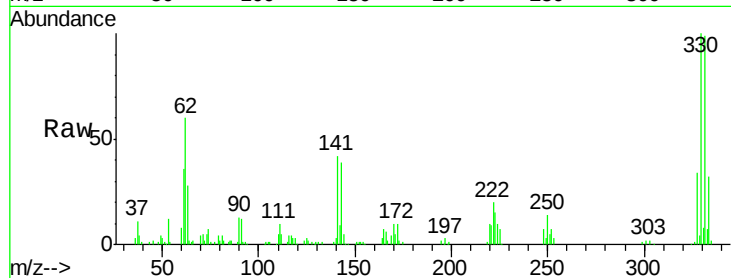




#41
 2,4,6-Tribromophenol
 Concen: 125.95 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF094841.D
 Acq: 3 May 2017 18:58

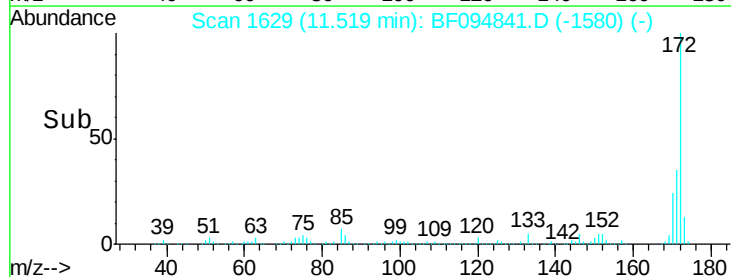
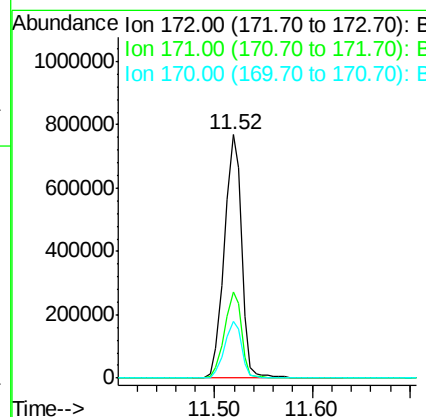
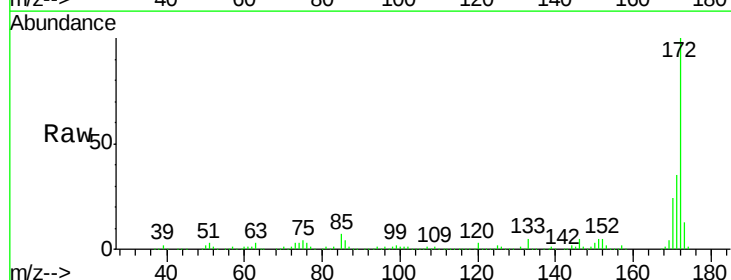
Instrument :
 BNA_F
 ClientSampleId :
 PB98646BL

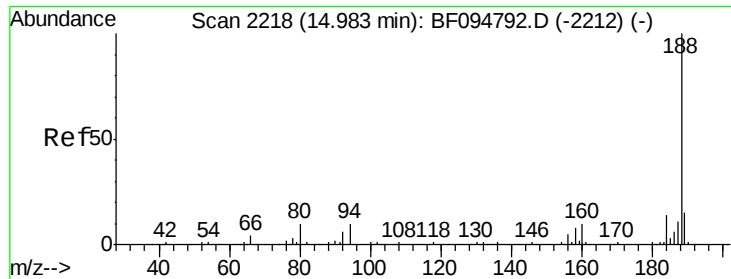
Tgt Ion:330 Resp: 179270
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 115.0
 141 39.4 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 78.63 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094841.D
 Acq: 3 May 2017 18:58

Tgt Ion:172 Resp: 949445
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.6 44.4
 170 23.5 19.8 29.8

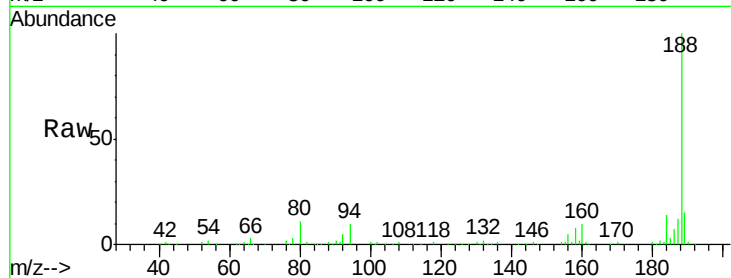




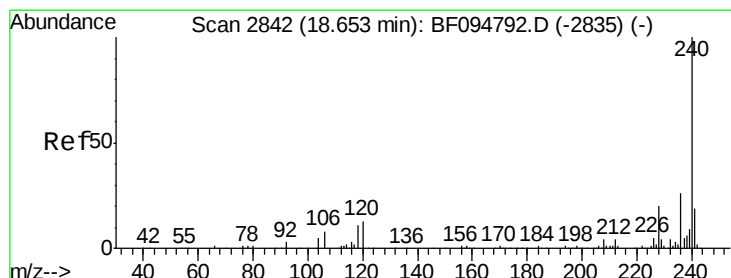
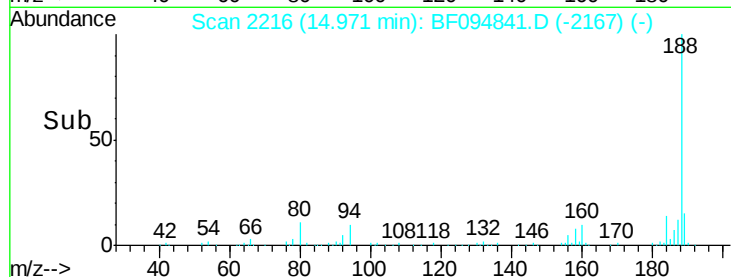
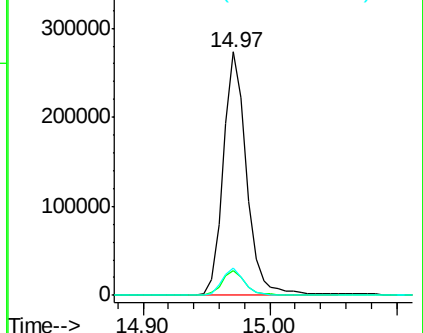
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF094841.D
Acq: 3 May 2017 18:58

Instrument :
BNA_F
ClientSampleId :
PB98646BL

Tgt Ion:188 Resp: 349423
Ion Ratio Lower Upper
188 100
94 10.0 9.4 14.2
80 11.0 10.2 15.2

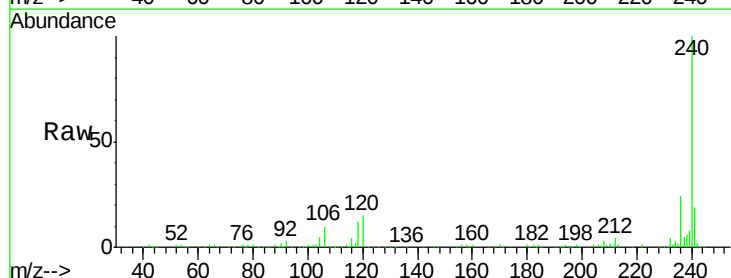


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

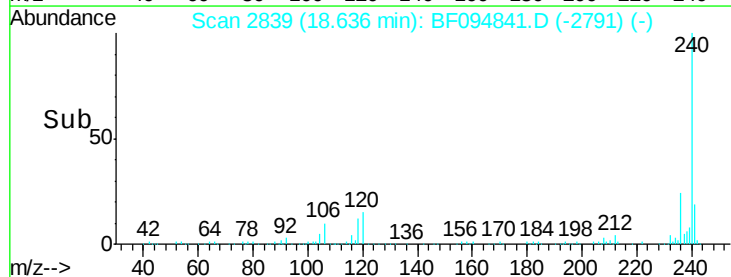
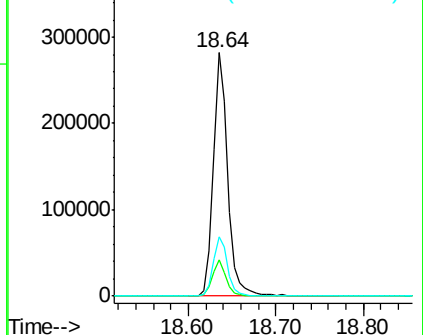


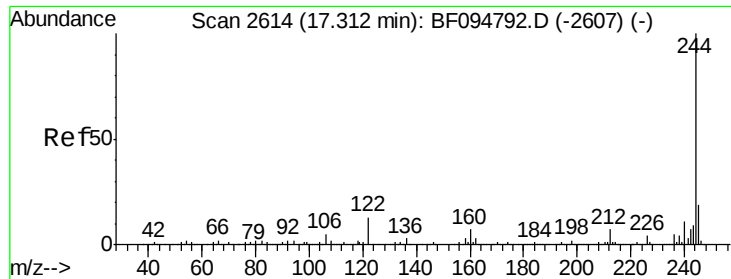
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2839
Delta R.T. -0.02 min
Lab File: BF094841.D
Acq: 3 May 2017 18:58

Tgt Ion:240 Resp: 323744
Ion Ratio Lower Upper
240 100
120 14.7 5.8 8.8#
236 24.4 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

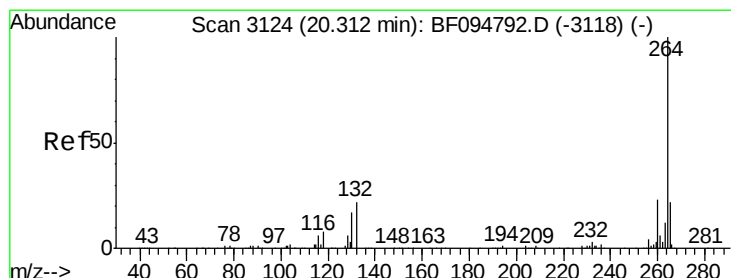
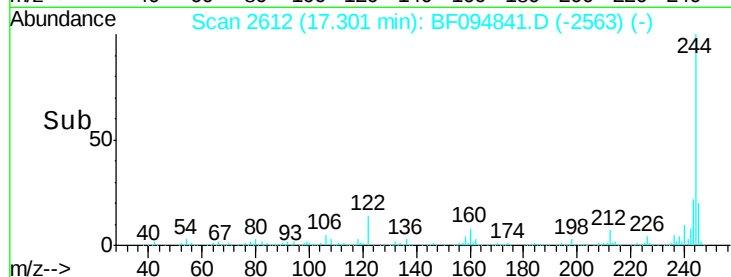
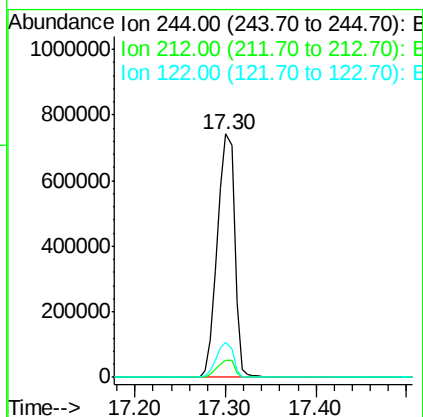
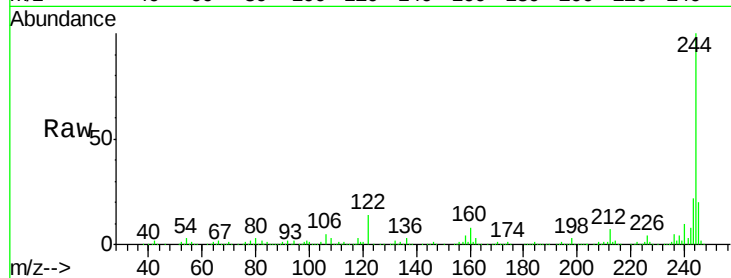




#78
 Terphenyl-d14
 Concen: 66.63 ng
 RT: 17.30 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BF094841.D
 Acq: 3 May 2017 18:58

Instrument :
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Tgt Ion: 244 Resp: 979302
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 14.3 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.30 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BF094841.D
 Acq: 3 May 2017 18:58

Tgt Ion: 264 Resp: 245225
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 21.8 17.2 25.8

