

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050317\
 Data File : BF094842.D
 Acq On : 3 May 2017 19:30
 Operator : SJ/MA
 Sample : I2914-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMP(0-7)

Quant Time: May 04 01:59:01 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	81689	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	314976	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	51035	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	142592	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	27453	20.00	ng	-0.01
86) Perylene-d12	20.31	264	1356	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	749430	152.95	ng	0.02
7) Phenol-d6	7.27	99	367957	62.59	ng	-0.01
23) Nitrobenzene-d5	8.62	82	560944	112.30	ng	-0.01
41) 2,4,6-Tribromophenol	13.87	330	238325	570.21	ng	-0.01
44) 2-Fluorobiphenyl	11.52	172	1165012	328.57	ng	0.00
78) Terphenyl-d14	17.30	244	430764	345.60	ng	-0.01

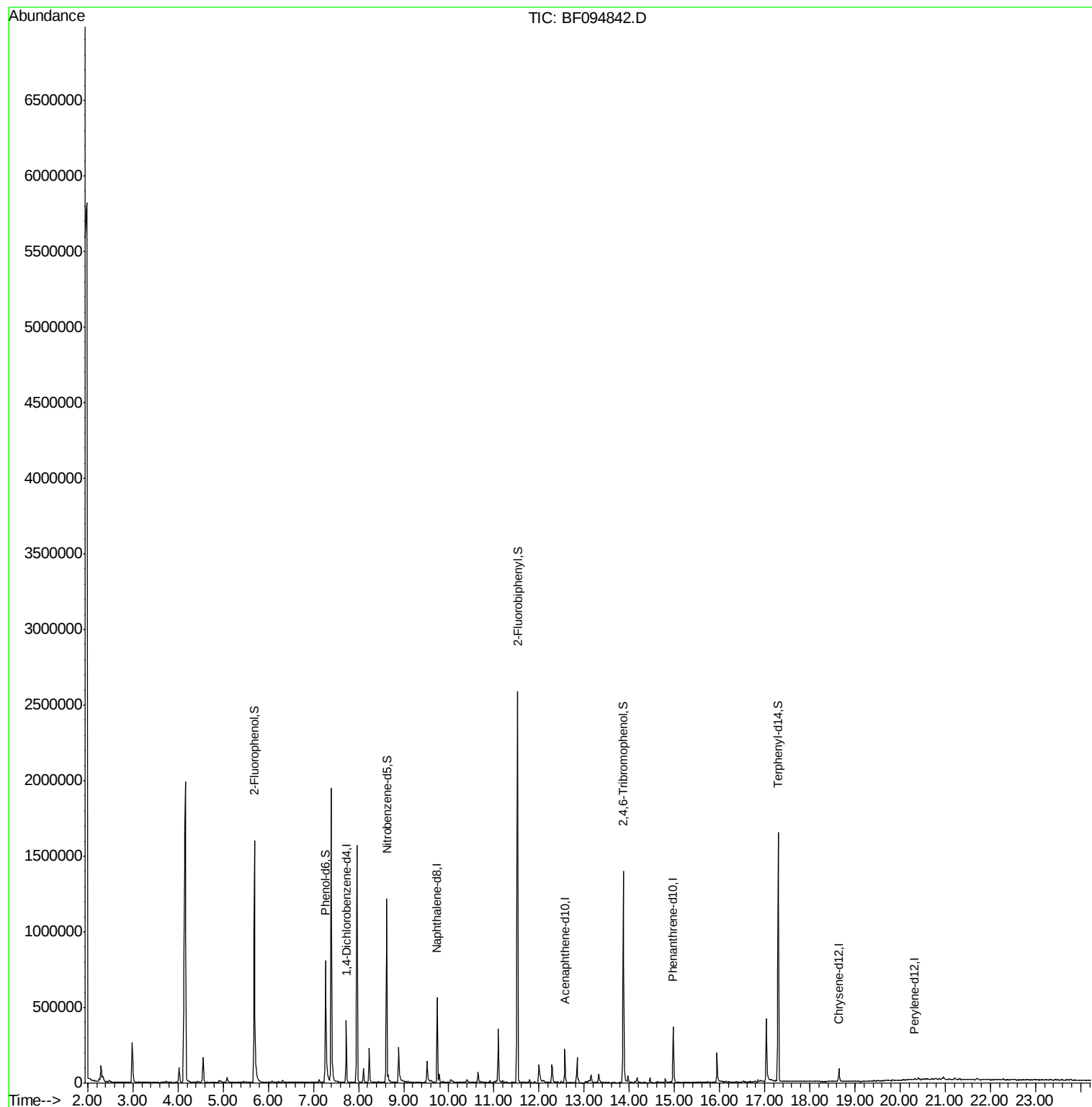
Target Compounds	Qvalue
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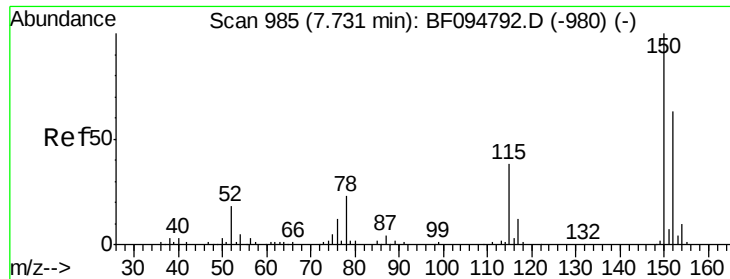
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF094842.D

Acq: 3 May 2017 19:30

Instrument :

BNA_F

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SB-06-COMP(0-7)

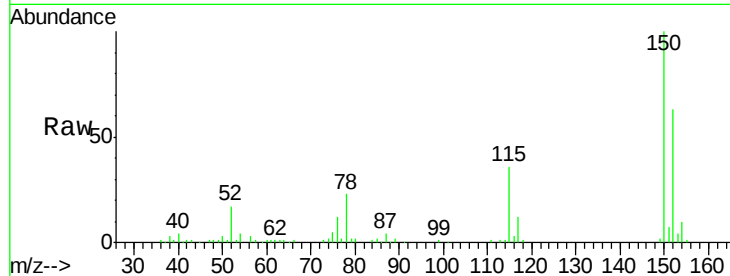
Tgt Ion:152 Resp: 81689

Ion Ratio Lower Upper

152 100

150 158.8 126.2 189.2

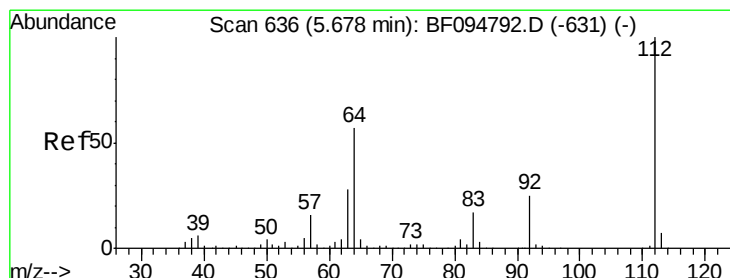
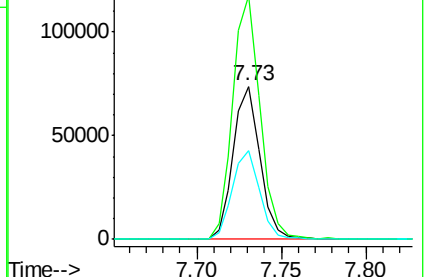
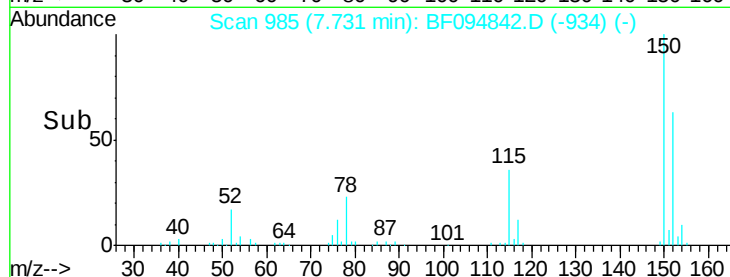
115 57.6 52.2 78.2



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: 152.95 ng

RT: 5.70 min Scan# 639

Delta R.T. 0.02 min

Lab File: BF094842.D

Acq: 3 May 2017 19:30

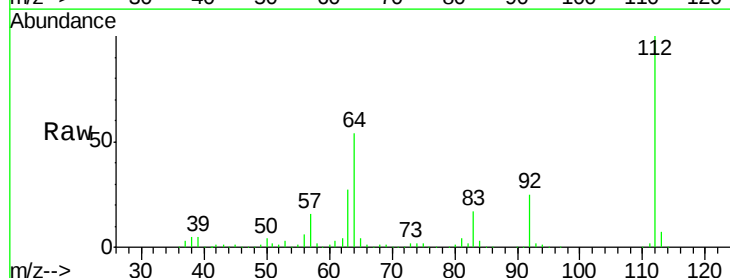
Tgt Ion:112 Resp: 749430

Ion Ratio Lower Upper

112 100

64 53.8 46.0 69.0

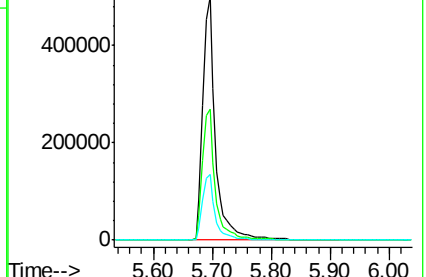
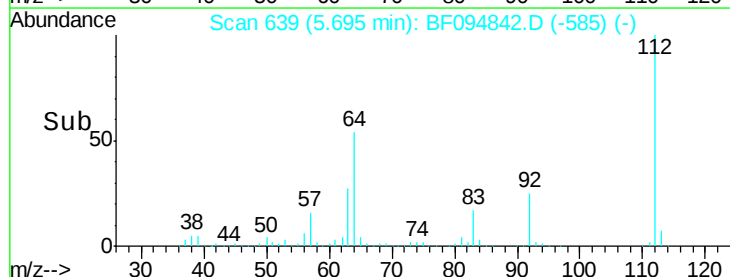
63 26.8 23.4 35.0

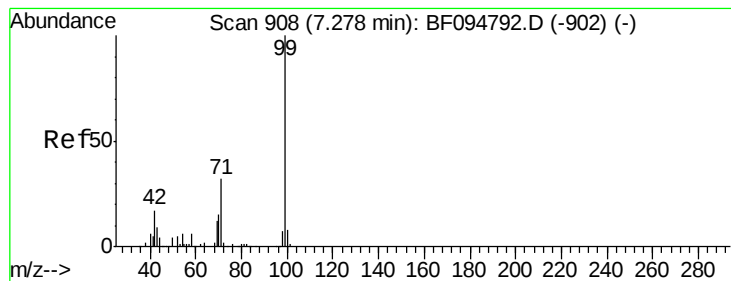


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 62.59 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF094842.D

Acq: 3 May 2017 19:30

Instrument :

BNA_F

ClientSampleId :

SB-06-COMP(0-7)

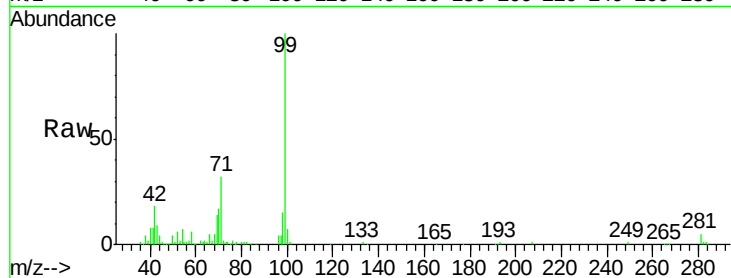
Tgt Ion: 99 Resp: 367957

Ion Ratio Lower Upper

99 100

42 18.2 13.5 20.3

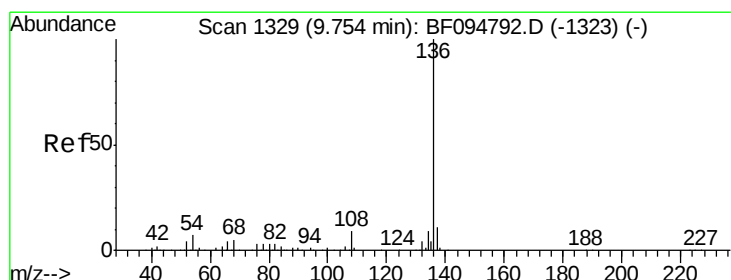
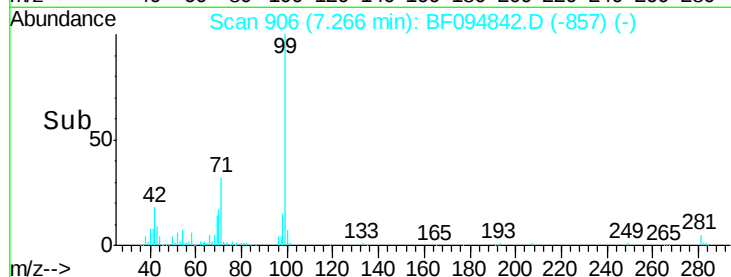
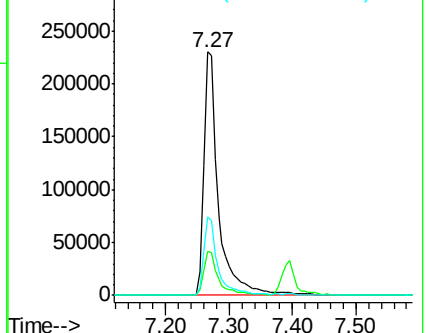
71 32.3 24.5 36.7



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: BF094842.D

Acq: 3 May 2017 19:30

Tgt Ion: 136 Resp: 314976

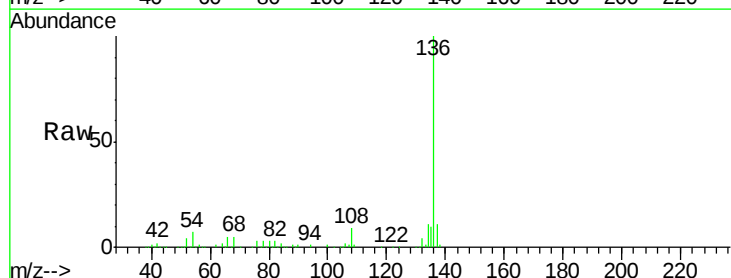
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.1 4.9 7.3

68 5.2 4.1 6.1

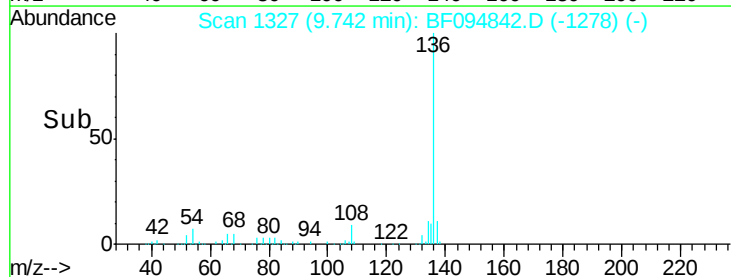
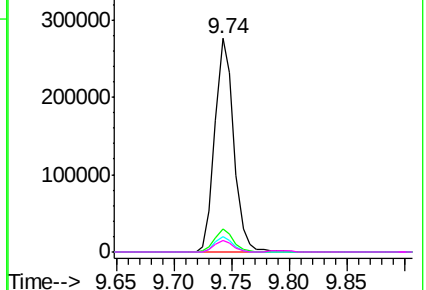


Abundance Ion 136.00 (135.70 to 136.70): E

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

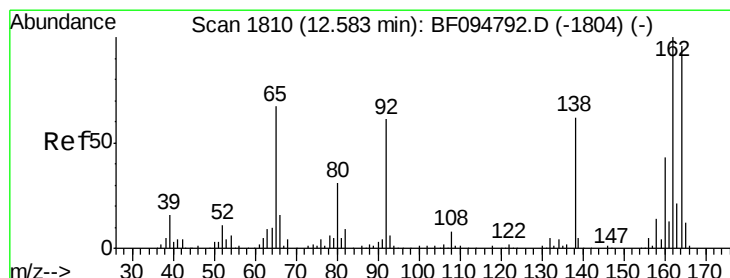
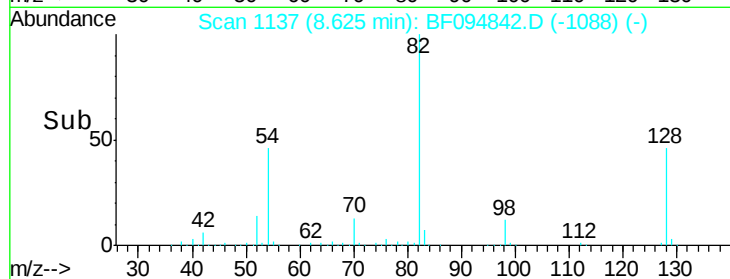
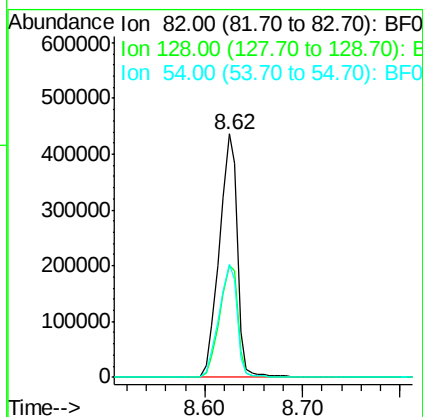
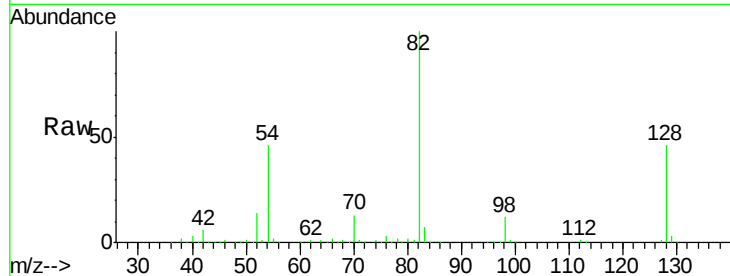




#23
 Nitrobenzene-d5
 Concen: 112.30 ng
 RT: 8.62 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BF094842.D
 Acq: 3 May 2017 19:30

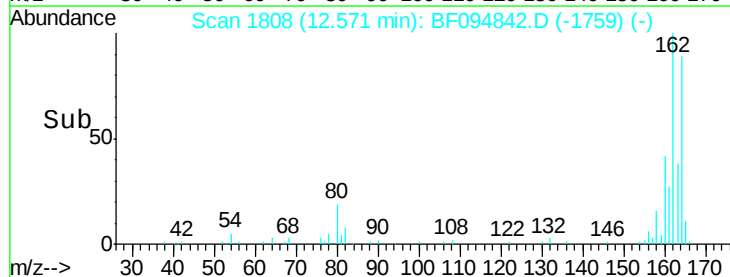
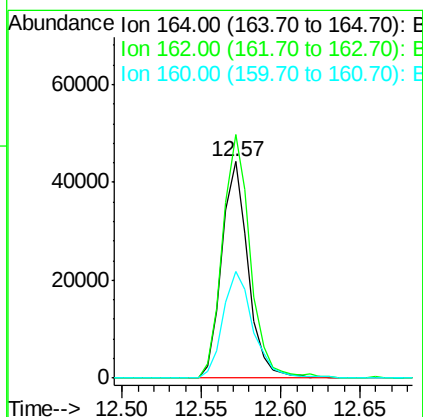
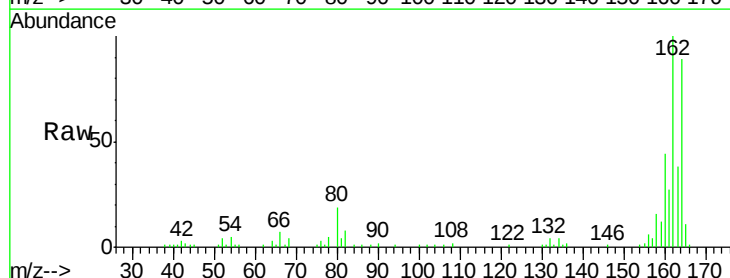
Instrument :
 BNA_F
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 SB-06-COMP(0-7)

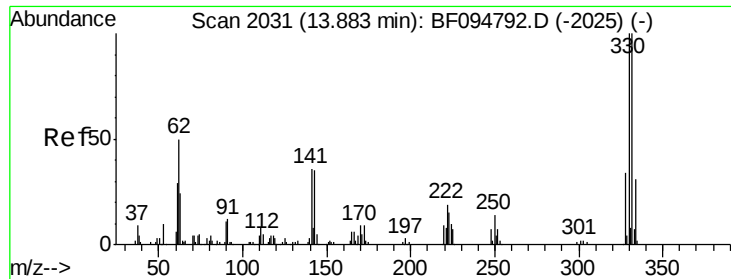
Tgt Ion: 82 Resp: 560944
 Ion Ratio Lower Upper
 82 100
 128 46.0 34.0 51.0
 54 46.4 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.57 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: BF094842.D
 Acq: 3 May 2017 19:30

Tgt Ion: 164 Resp: 51035
 Ion Ratio Lower Upper
 164 100
 162 112.4 82.6 123.8
 160 49.3 36.2 54.2

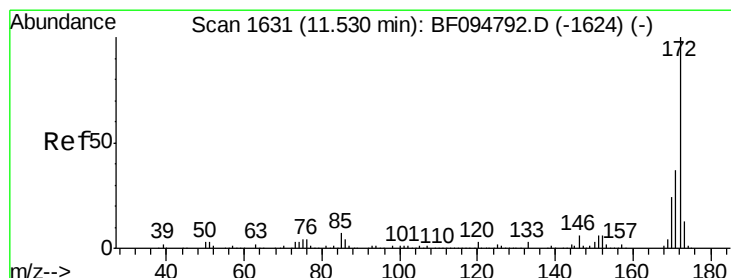
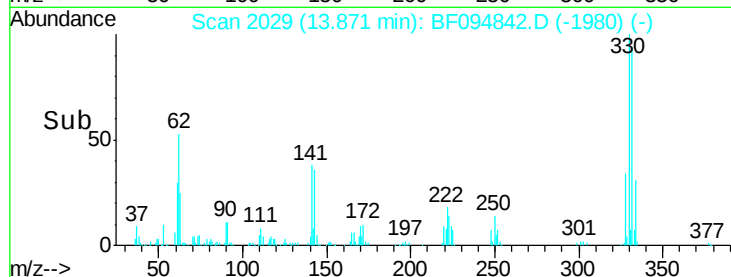
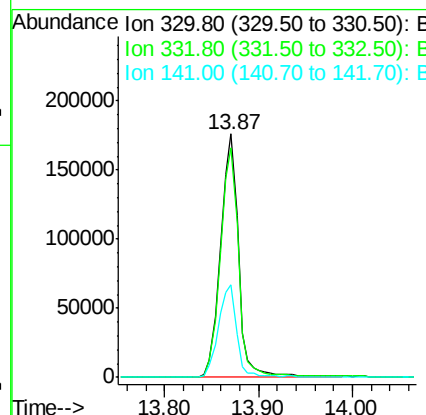
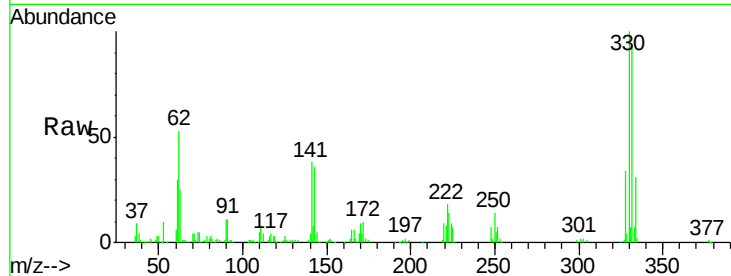




#41
 2,4,6-Tribromophenol
 Concen: 570.21 ng
 RT: 13.87 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF094842.D
 Acq: 3 May 2017 19:30

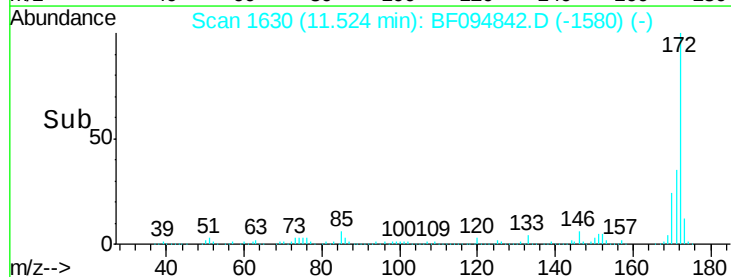
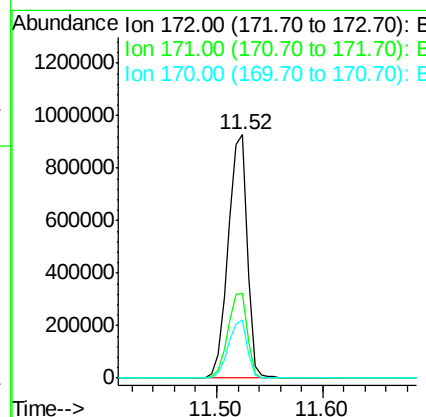
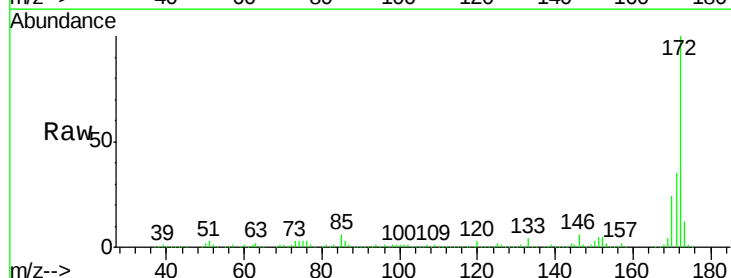
Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMP(0-7)

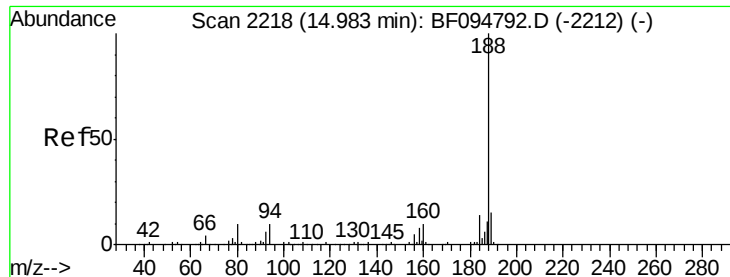
Tgt Ion:330 Resp: 238325
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 115.0
 141 38.9 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 328.57 ng
 RT: 11.52 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BF094842.D
 Acq: 3 May 2017 19:30

Tgt Ion:172 Resp: 1165012
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.6 44.4
 170 23.7 19.8 29.8

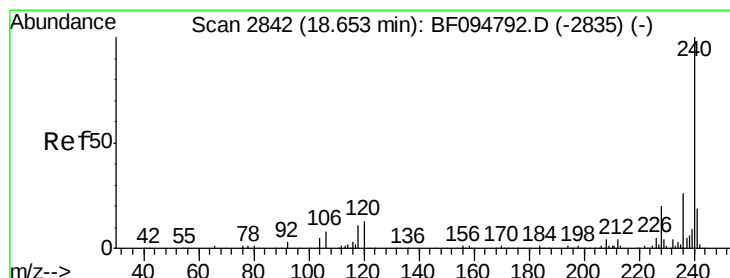
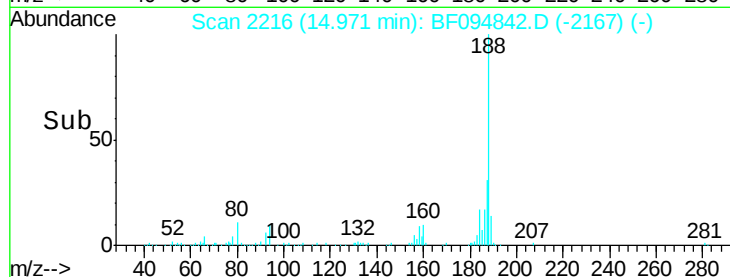
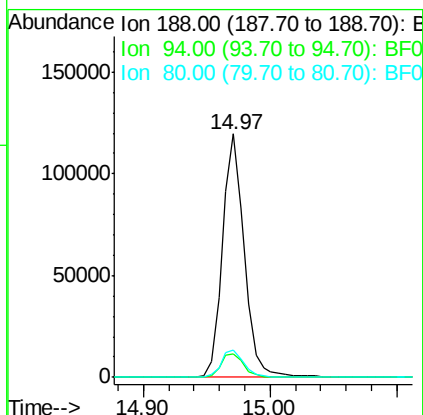
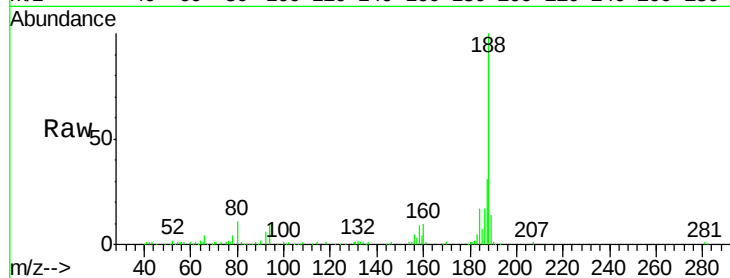




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF094842.D
Acq: 3 May 2017 19:30

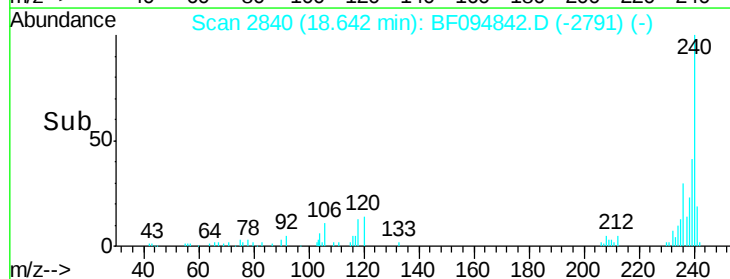
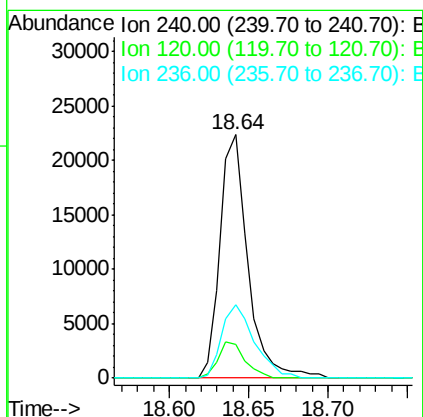
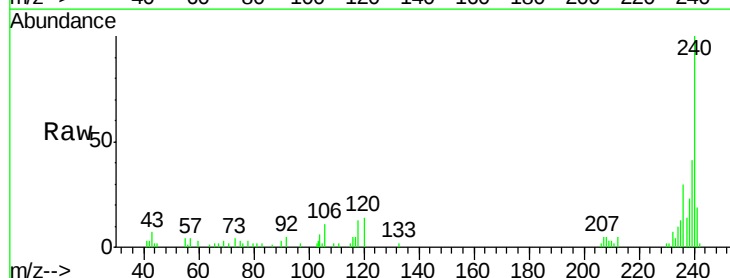
Instrument :
BNA_F
ClientSampleId :
SB-06-COMP(0-7)

Tgt Ion:188 Resp: 142592
Ion Ratio Lower Upper
188 100
94 9.8 9.4 14.2
80 11.0 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BF094842.D
Acq: 3 May 2017 19:30

Tgt Ion:240 Resp: 27453
Ion Ratio Lower Upper
240 100
120 14.0 5.8 8.8#
236 30.2 20.5 30.7

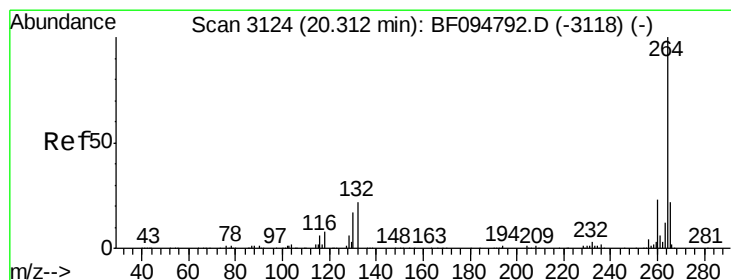
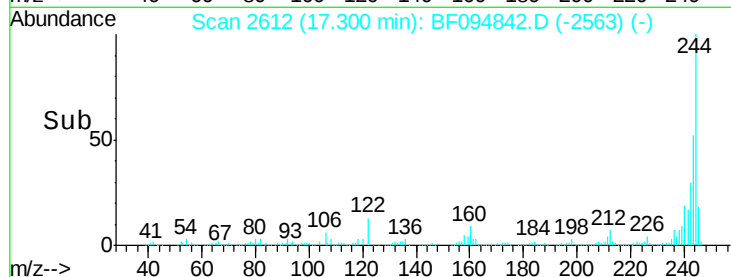
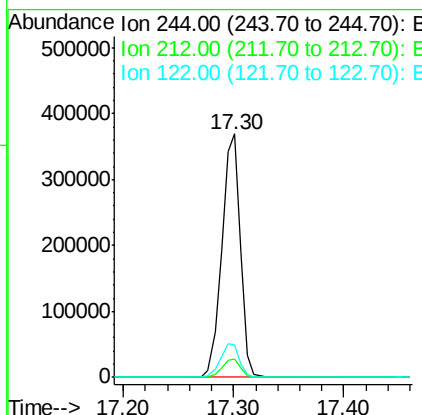
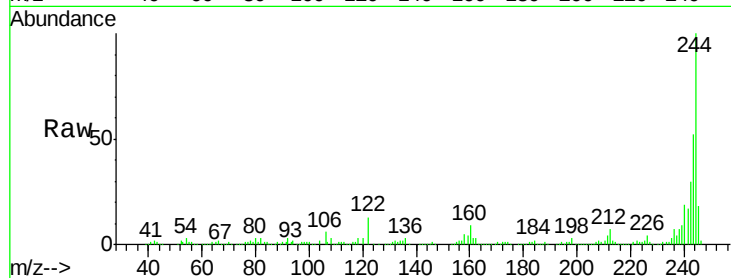




#78
 Terphenyl-d14
 Concen: 345.60 ng
 RT: 17.30 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BF094842.D
 Acq: 3 May 2017 19:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMP(0-7)

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	13.5	10.3	15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.31 min Scan# 3124
 Delta R.T. -0.00 min
 Lab File: BF094842.D
 Acq: 3 May 2017 19:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	0.0	19.5	29.3#
265	0.0	17.2	25.8#

