

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051217\
 Data File : BF095118.D
 Acq On : 12 May 2017 18:30
 Operator : SJ/MA
 Sample : PB98933BL
 Misc : Waste Dilution
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98933BL

Quant Time: May 13 01:02:46 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	7.70	152	89627	20.00	ng	-0.03
21) Naphthalene-d8	9.72	136	380321	20.00	ng	-0.03
38) Acenaphthene-d10	12.55	164	176755	20.00	ng	-0.03
63) Phenanthrene-d10	14.96	188	335694	20.00	ng	-0.02
75) Chrysene-d12	18.63	240	275206	20.00	ng	-0.02
86) Perylene-d12	20.30	264	205061	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	61463	11.43	ng	0.04
7) Phenol-d6	7.31	99	99933m	15.49	ng	0.04
23) Nitrobenzene-d5	8.65	82	56222	9.32	ng	0.01
41) 2,4,6-Tribromophenol	13.88	330	20312	14.03	ng	0.00
44) 2-Fluorobiphenyl	11.50	172	133825	10.90	ng	-0.03
78) Terphenyl-d14	17.28	244	122305	9.79	ng	-0.04

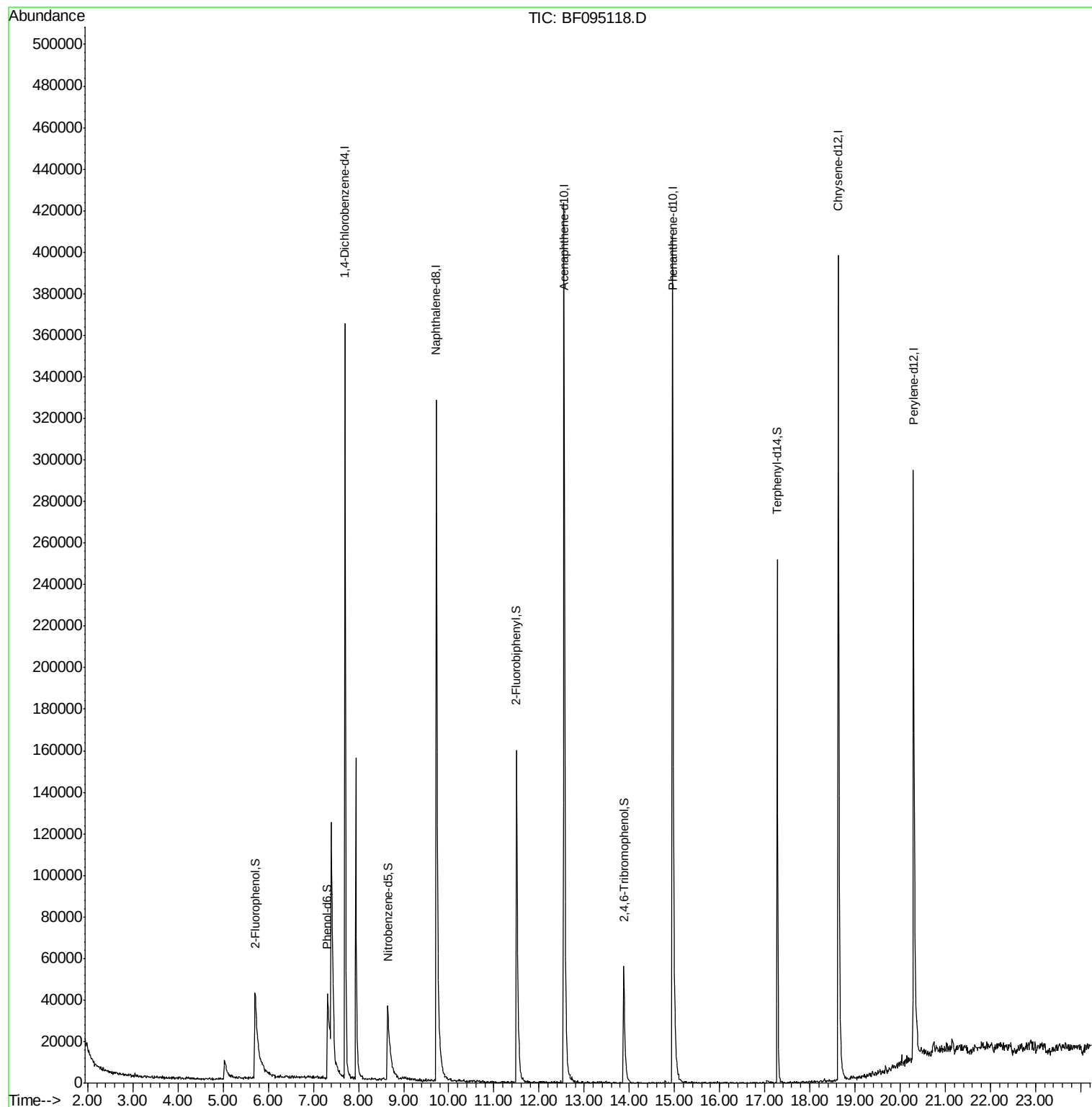
Target Compounds Qvalue

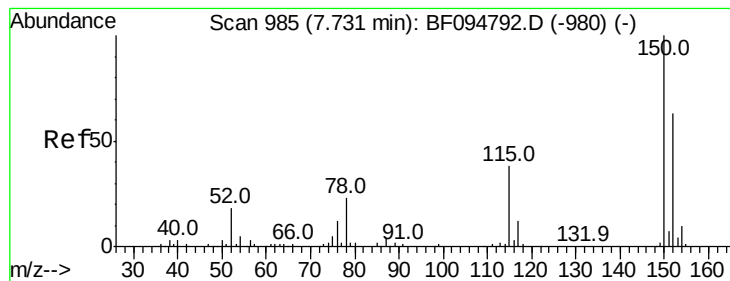
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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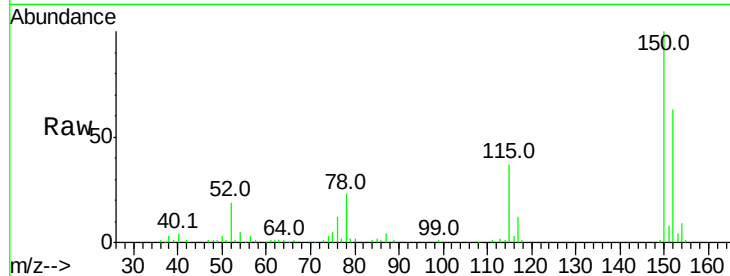


#1

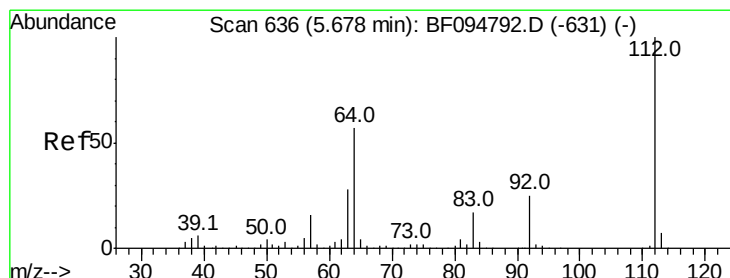
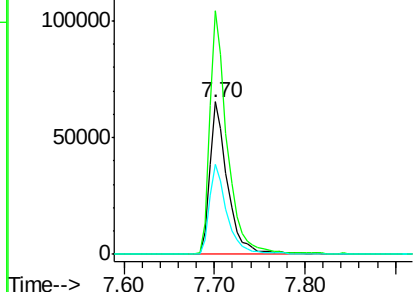
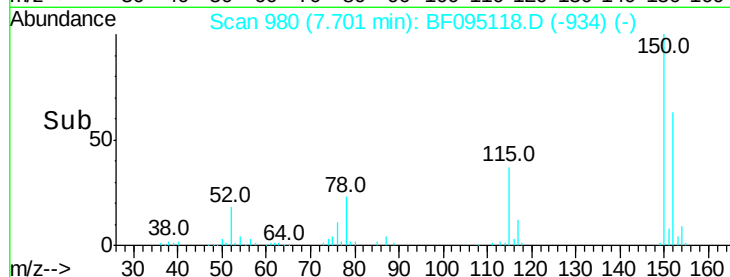
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.70 min Scan# 980
Delta R.T. -0.03 min
Lab File: BF095118.D
Acq: 12 May 2017 18:30

Instrument :
BNA_F
ClientSampleId :
PB98933BL

Tot Ion:152 Resp: 89627
Ion Ratio Lower Upper
152 100
150 159.7 126.2 189.2
115 59.5 52.2 78.2



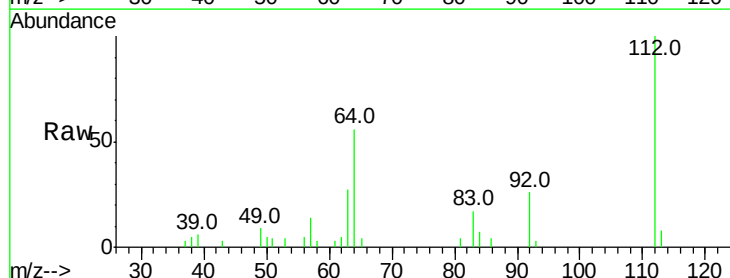
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



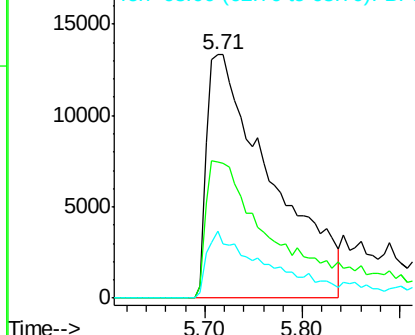
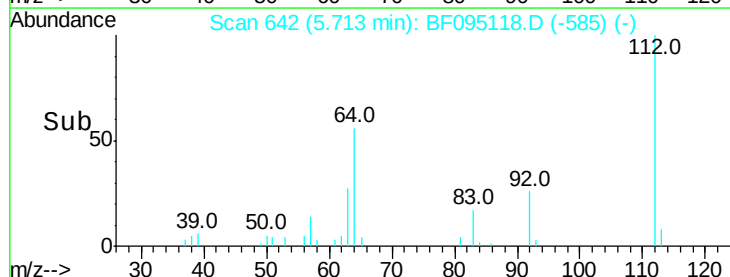
#5

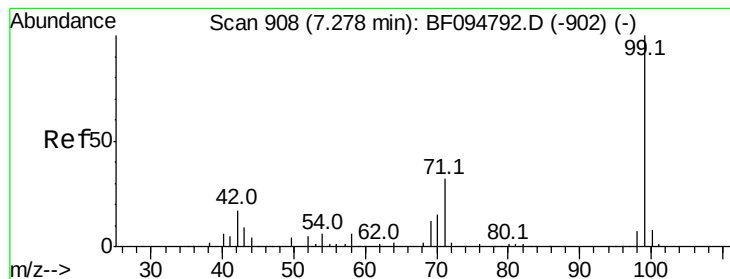
2-Fluorophenol
Concen: 11.43 ng
RT: 5.71 min Scan# 642
Delta R.T. 0.04 min
Lab File: BF095118.D
Acq: 12 May 2017 18:30

Tgt Ion:112 Resp: 61463
Ion Ratio Lower Upper
112 100
64 55.7 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: 15.49 ng/mL

RT: 7.31 min Scan# 914

Delta R.T. 0.04 min

Lab File: BF095118.D

Acq: 12 May 2017 18:30

Instrument :

BNA_F

ClientSampleId :

PB98933BL

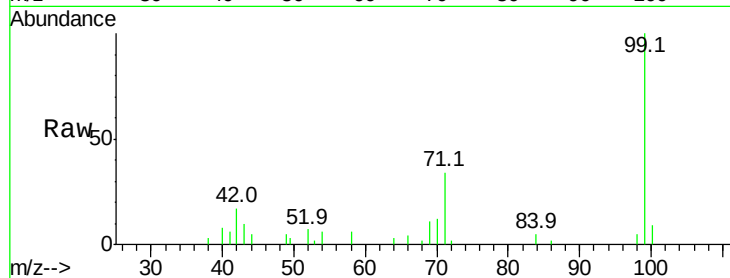
Tot Ion: 99 Resp: 99933

Ion Ratio Lower Upper

99 100

42 17.2 13.5 20.3

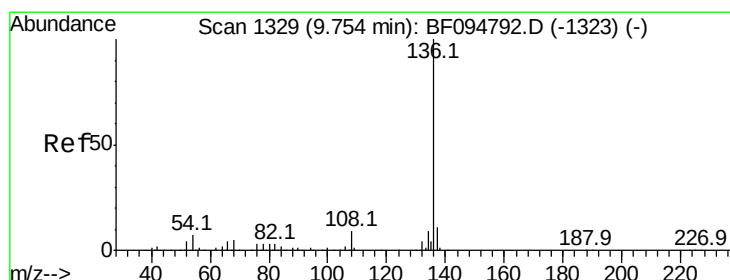
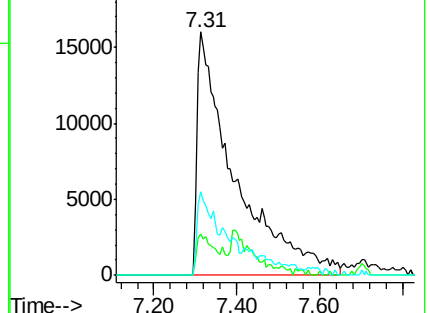
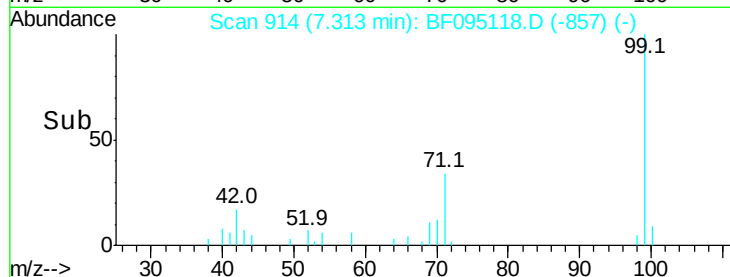
71 34.2 24.5 36.7



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: 9.72 min Scan# 1324

Delta R.T. -0.03 min

Lab File: BF095118.D

Acq: 12 May 2017 18:30

Tgt Ion: 136 Resp: 380321

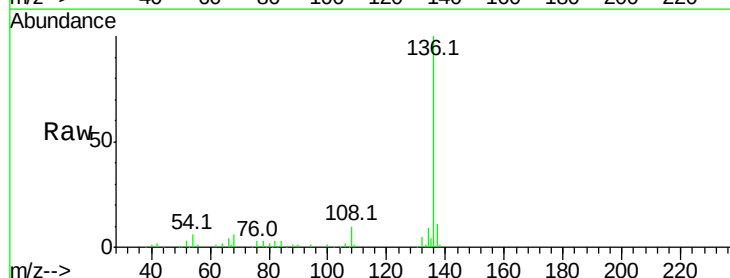
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 6.4 4.9 7.3

68 5.5 4.1 6.1

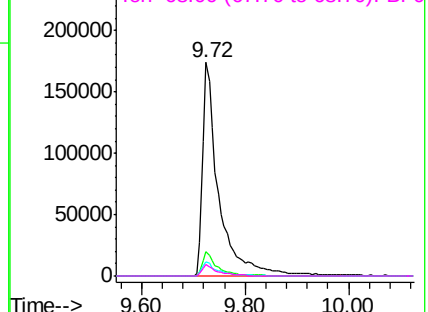
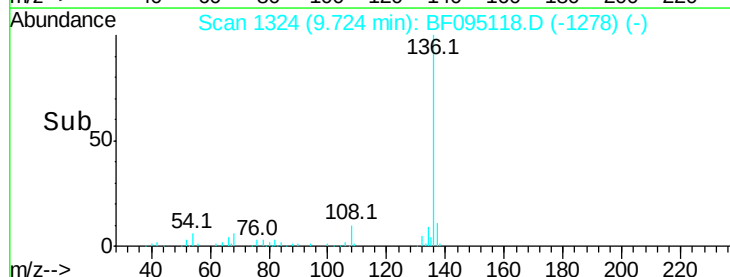


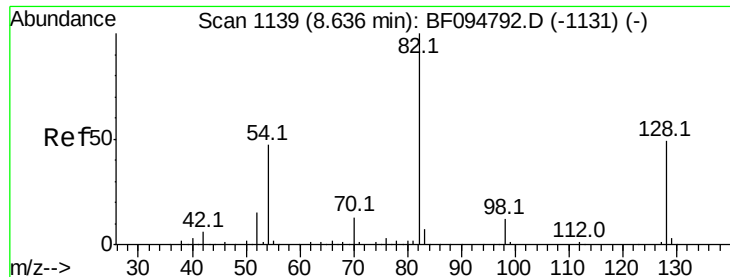
Abundance Ion 136.00 (135.70 to 136.70): E

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

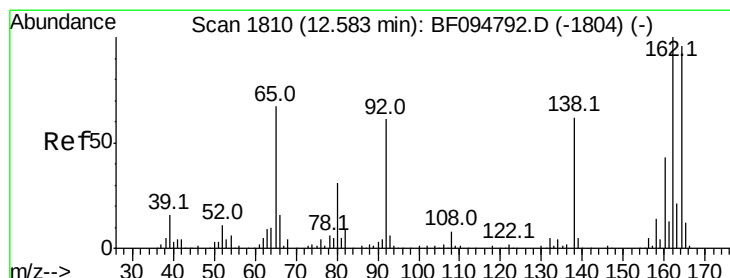
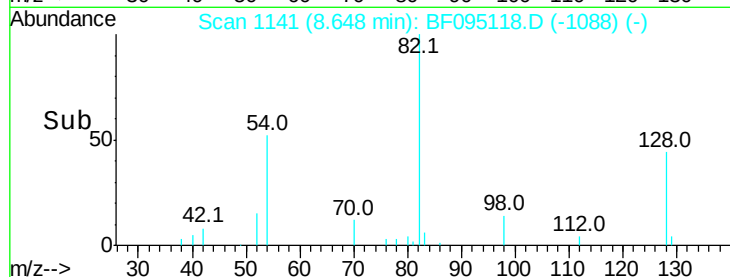
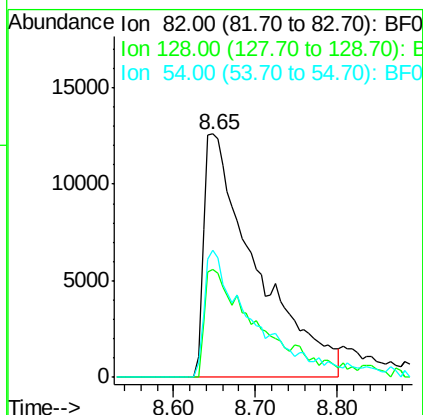
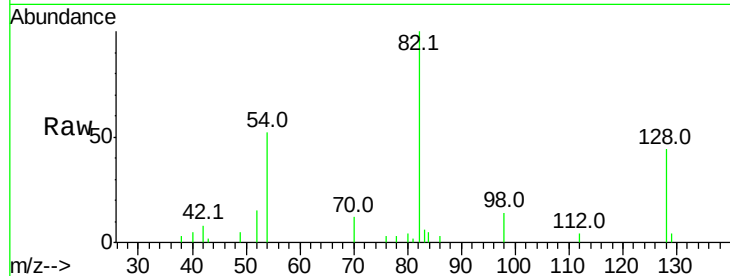




#23
 Nitrobenzene-d5
 Concen: 9.32 ng
 RT: 8.65 min Scan# 1141
 Delta R.T. 0.01 min
 Lab File: BF095118.D
 Acq: 12 May 2017 18:30

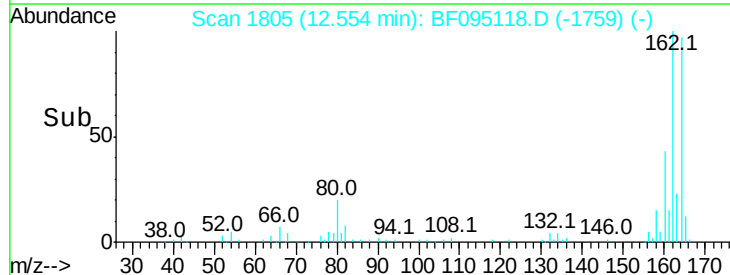
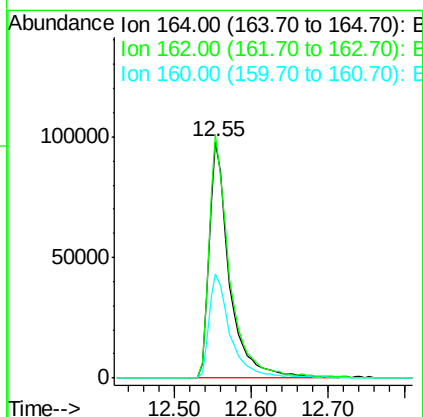
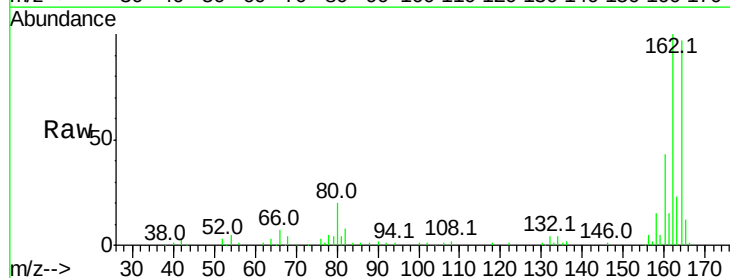
Instrument :
 BNA_F
 ClientSampleId :
 PB98933BL

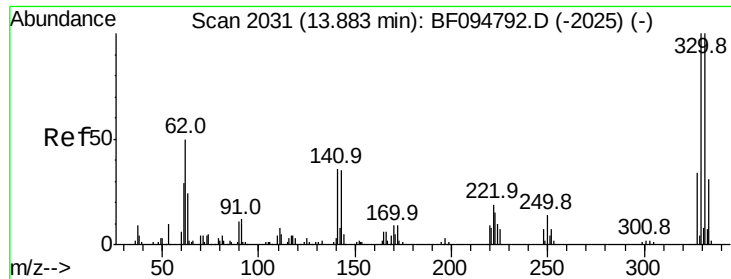
Tot Ion: 82 Resp: 56222
 Ion Ratio Lower Upper
 82 100
 128 44.3 34.0 51.0
 54 52.3 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.55 min Scan# 1805
 Delta R.T. -0.03 min
 Lab File: BF095118.D
 Acq: 12 May 2017 18:30

Tgt Ion:164 Resp: 176755
 Ion Ratio Lower Upper
 164 100
 162 103.0 82.6 123.8
 160 44.2 36.2 54.2

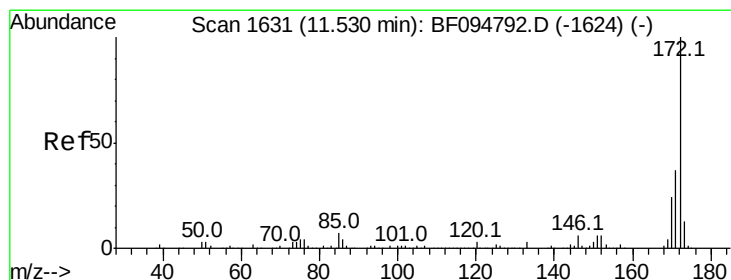
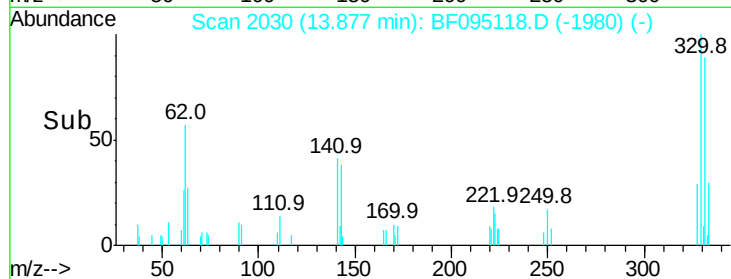
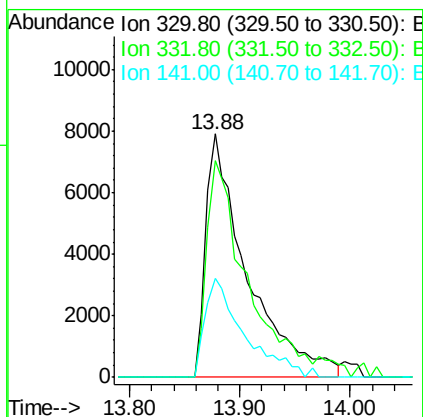
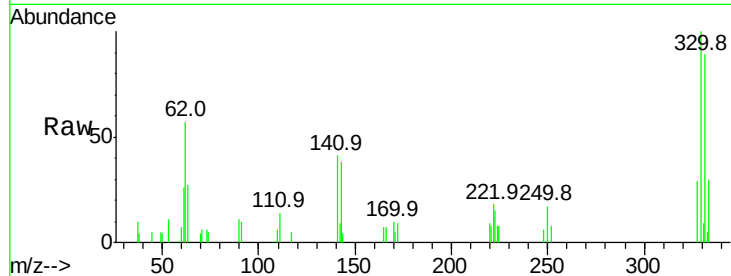




#41
 2,4,6-Tribromophenol
 Concen: 14.03 ng
 RT: 13.88 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF095118.D
 Acq: 12 May 2017 18:30

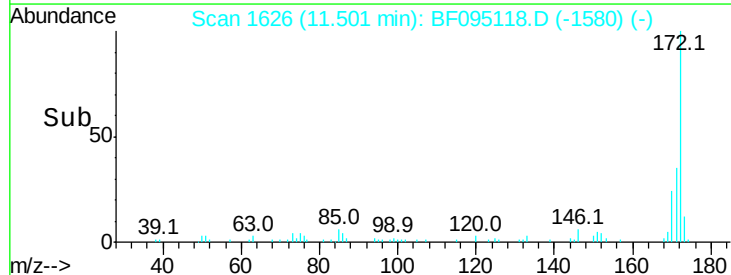
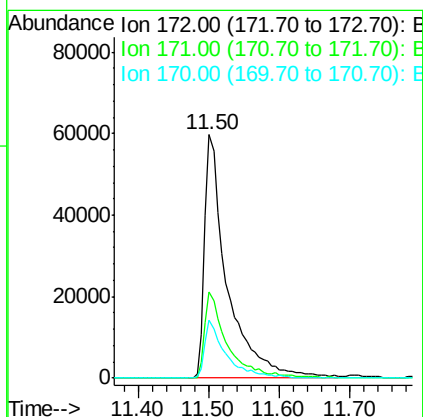
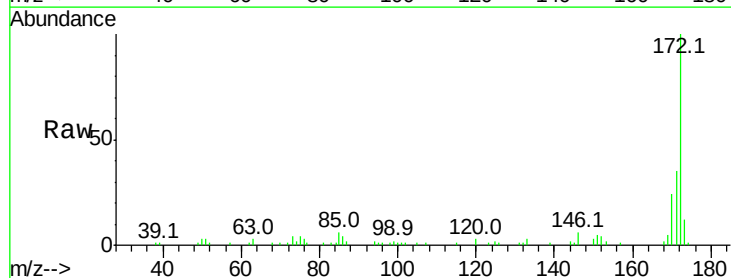
Instrument :
 BNA_F
 ClientSampleId :
 PB98933BL

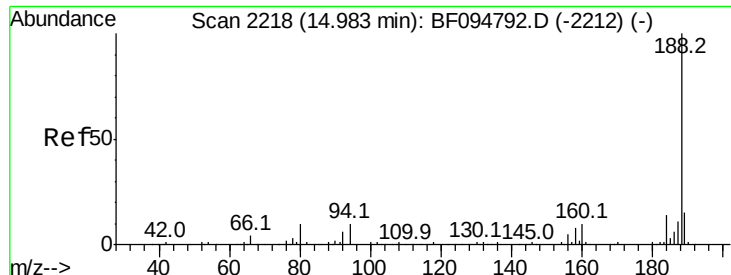
Tot Ion:330 Resp: 20312
 Ion Ratio Lower Upper
 330 100
 332 86.0 76.6 115.0
 141 38.6 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 10.90 ng
 RT: 11.50 min Scan# 1626
 Delta R.T. -0.03 min
 Lab File: BF095118.D
 Acq: 12 May 2017 18:30

Tgt Ion:172 Resp: 133825
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.6 44.4
 170 23.8 19.8 29.8

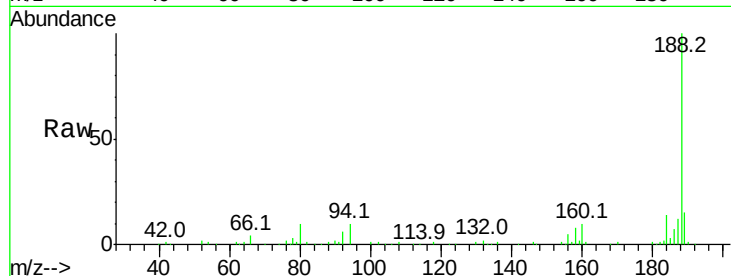




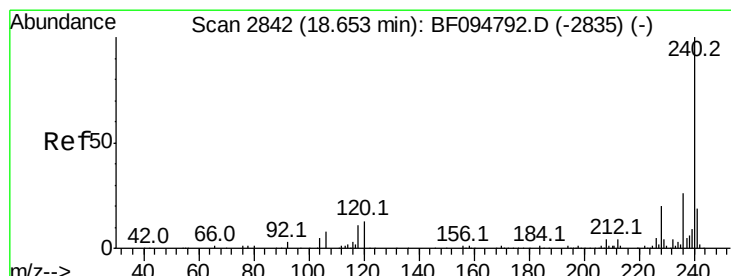
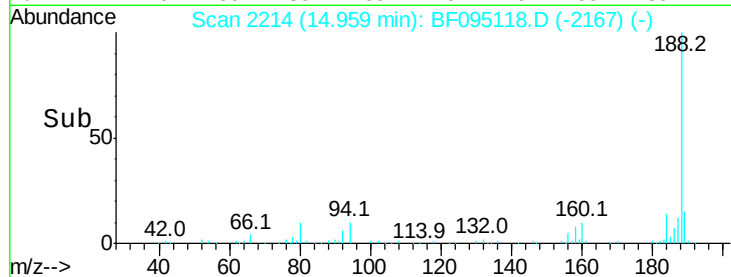
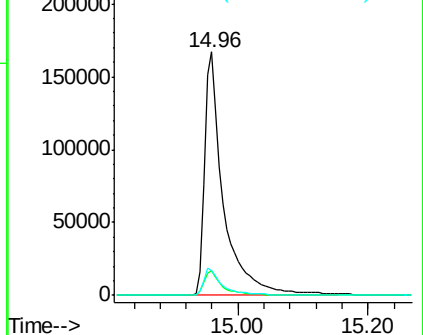
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.96 min Scan# 2214
 Delta R.T. -0.02 min
 Lab File: BF095118.D
 Acq: 12 May 2017 18:30

Instrument :
 BNA_F
 ClientSampleId :
 PB98933BL

Tot Ion:188 Resp: 335694
 Ion Ratio Lower Upper
 188 100
 94 10.2 9.4 14.2
 80 10.3 10.2 15.2

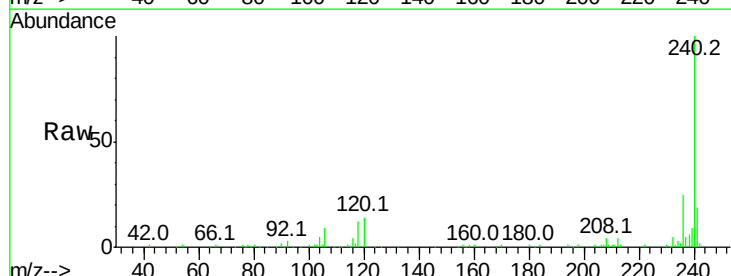


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

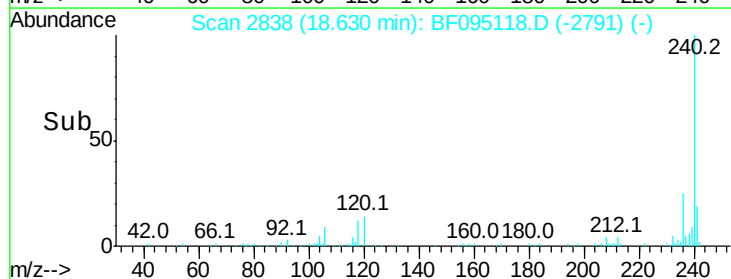
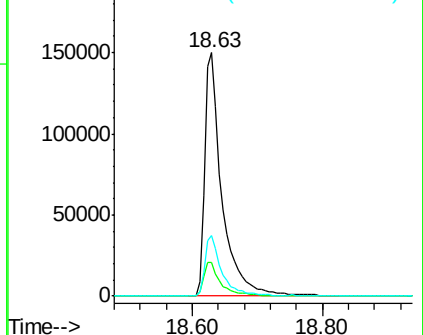


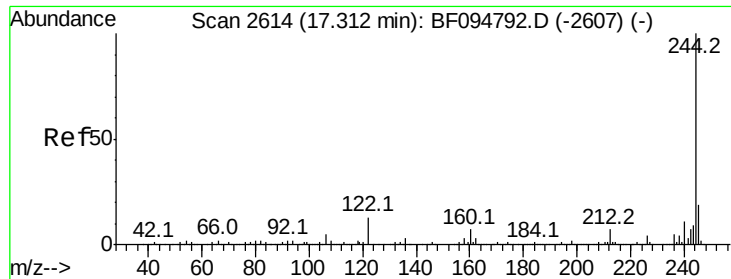
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.63 min Scan# 2838
 Delta R.T. -0.02 min
 Lab File: BF095118.D
 Acq: 12 May 2017 18:30

Tgt Ion:240 Resp: 275206
 Ion Ratio Lower Upper
 240 100
 120 13.8 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

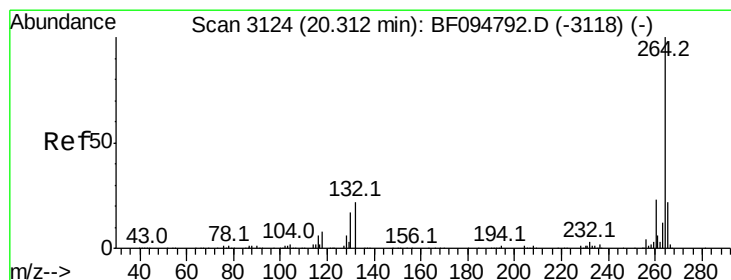
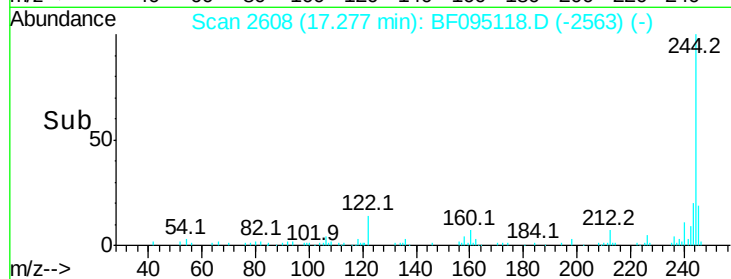
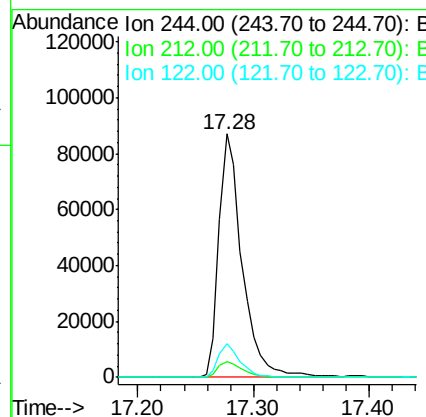
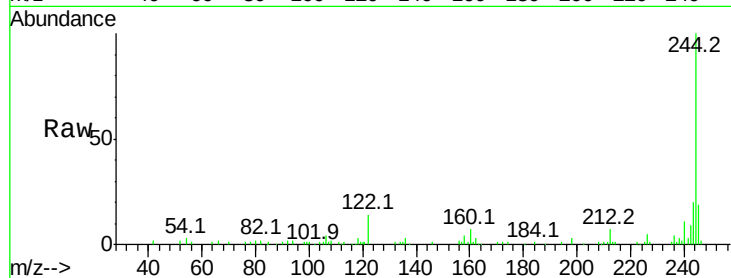




#78
 Terphenyl-d14
 Concen: 9.79 ng
 RT: 17.28 min Scan# 2608
 Delta R.T. -0.04 min
 Lab File: BF095118.D
 Acq: 12 May 2017 18:30

Instrument :
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 PB98933BL

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	14.1	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: BF095118.D
 Acq: 12 May 2017 18:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.5	29.3
265	22.7	17.2	25.8

