

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
 Data File : BF094985.D
 Acq On : 8 May 2017 17:55
 Operator : SJ/MA
 Sample : PB98770BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98770BL

Quant Time: May 08 19:06:37 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	92123	20.00	ng	-0.01
21) Naphthalene-d8	9.74	136	372892	20.00	ng	-0.02
38) Acenaphthene-d10	12.57	164	173620	20.00	ng	-0.02
63) Phenanthrene-d10	14.97	188	326979	20.00	ng	-0.02
75) Chrysene-d12	18.64	240	294324	20.00	ng	-0.02
86) Perylene-d12	20.30	264	243580	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	751567	136.02	ng	-0.02
7) Phenol-d6	7.25	99	960731	144.91	ng	-0.02
23) Nitrobenzene-d5	8.61	82	510275	86.29	ng	-0.02
41) 2,4,6-Tribromophenol	13.86	330	205169	144.29	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	982693	81.47	ng	-0.02
78) Terphenyl-d14	17.29	244	993680	74.36	ng	-0.02

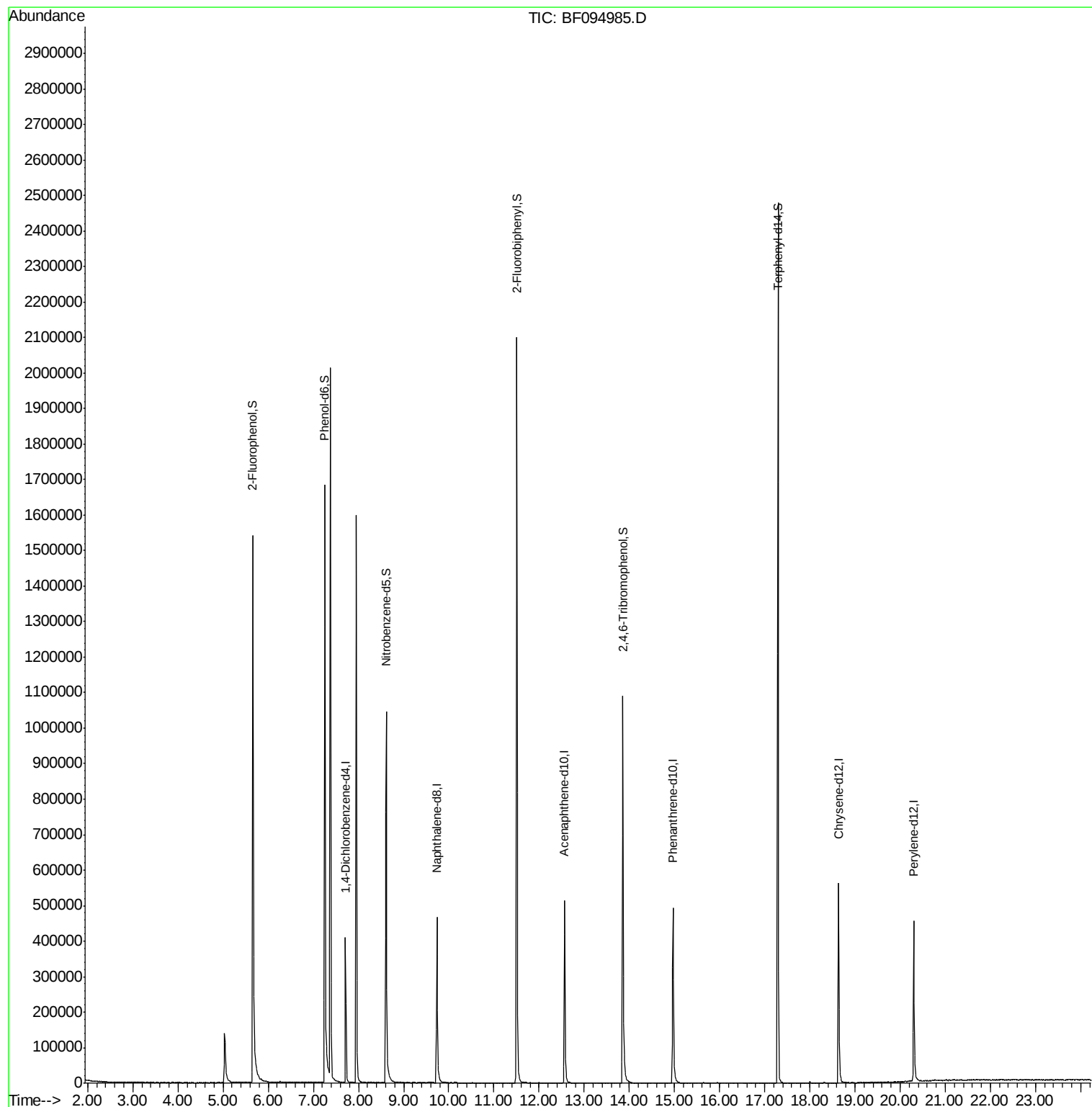
Target Compounds Qvalue

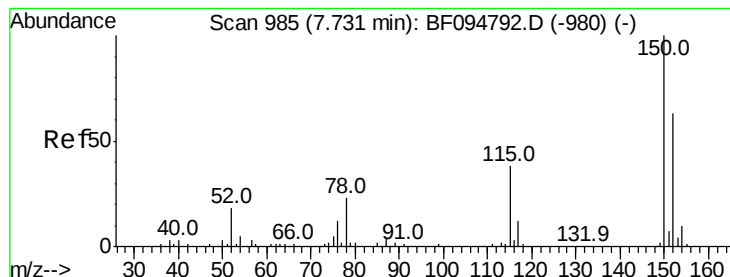
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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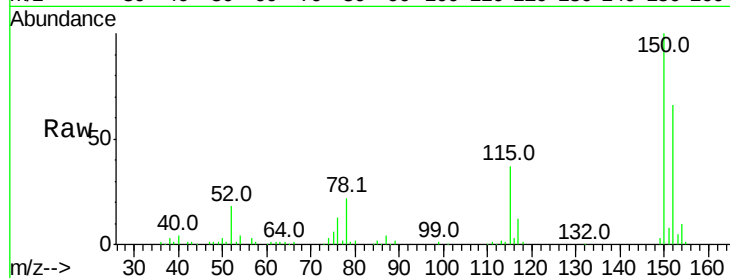


#1

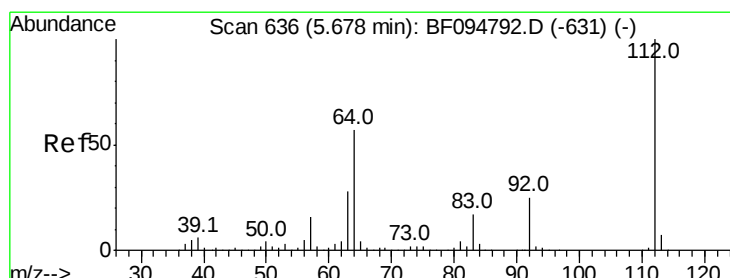
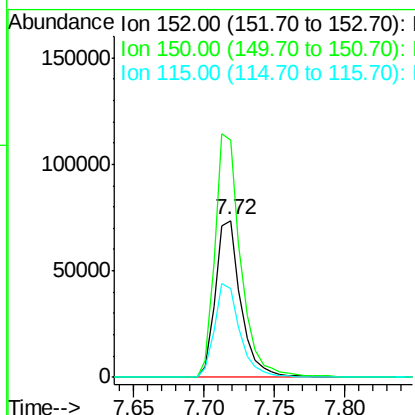
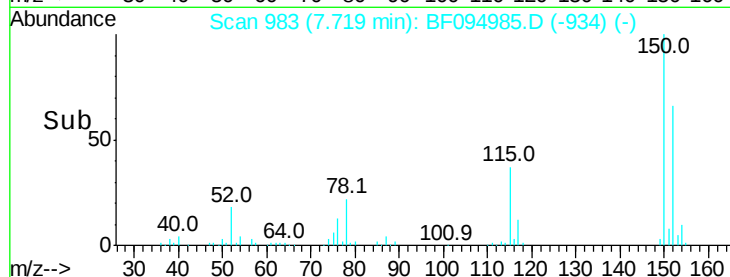
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.72 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: BF094985.D
 Acq: 8 May 2017 17:55

Instrument :
 BNA_F
 ClientSampleId :
 PB98770BL

Tot Ion:152 Resp: 92123
 Ion Ratio Lower Upper
 152 100
 150 151.0 126.2 189.2
 115 56.4 52.2 78.2



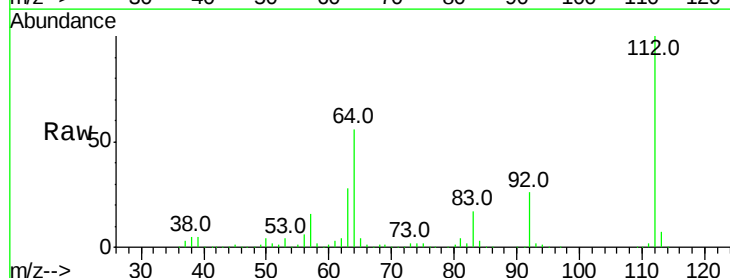
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



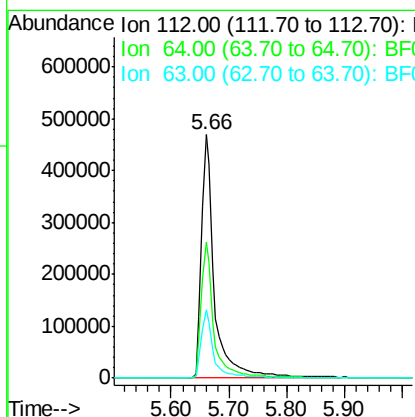
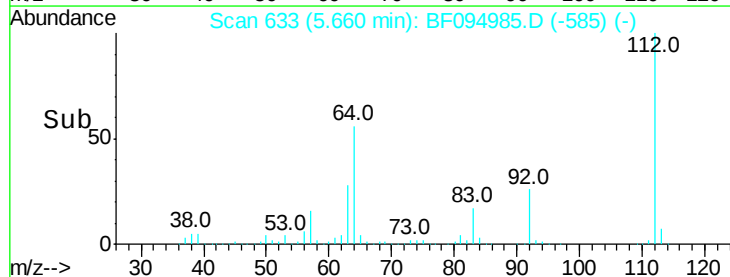
#5

2-Fluorophenol
 Concen: 136.02 ng
 RT: 5.66 min Scan# 633
 Delta R.T. -0.02 min
 Lab File: BF094985.D
 Acq: 8 May 2017 17:55

Tgt Ion:112 Resp: 751567
 Ion Ratio Lower Upper
 112 100
 64 55.8 46.0 69.0
 63 28.1 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: 144.91 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF094985.D

Acq: 8 May 2017 17:55

Instrument :

BNA_F

ClientSampleId :

PB98770BL

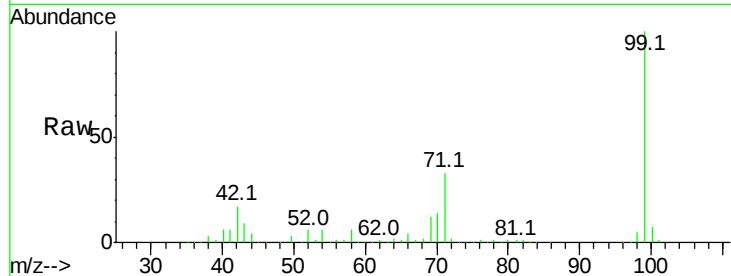
Tot Ion: 99 Resp: 960731

Ion Ratio Lower Upper

99 100

42 16.9 13.5 20.3

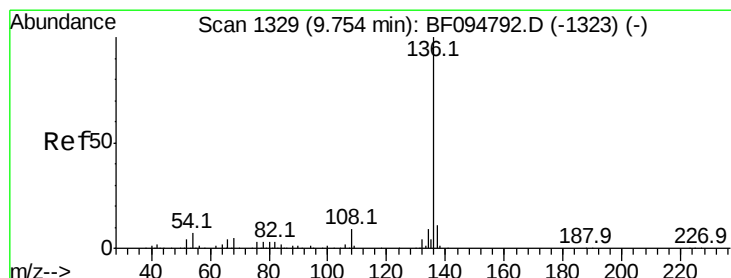
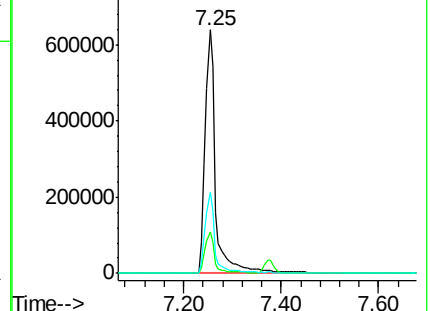
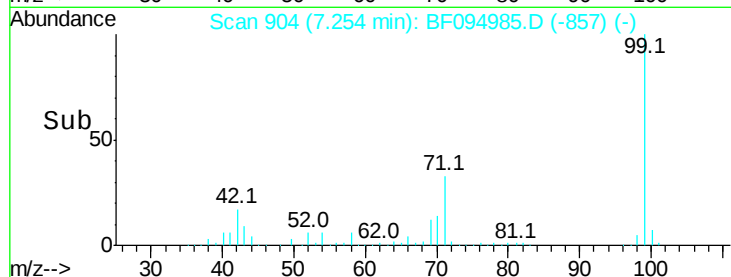
71 33.4 24.5 36.7



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# 1326

Delta R.T. -0.02 min

Lab File: BF094985.D

Acq: 8 May 2017 17:55

Tgt Ion: 136 Resp: 372892

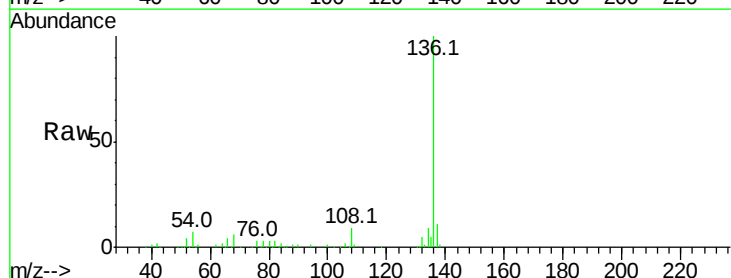
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 7.0 4.9 7.3

68 5.5 4.1 6.1

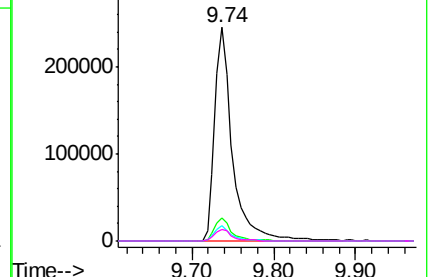
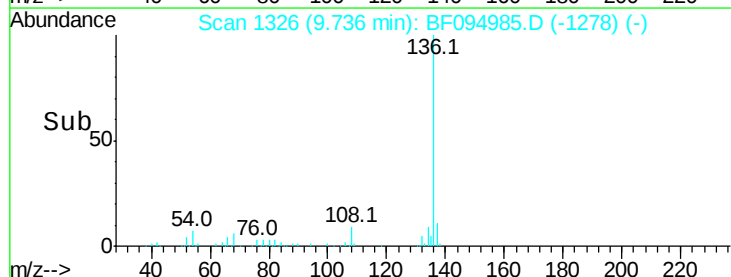


Abundance Ion 136.00 (135.70 to 136.70): E

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

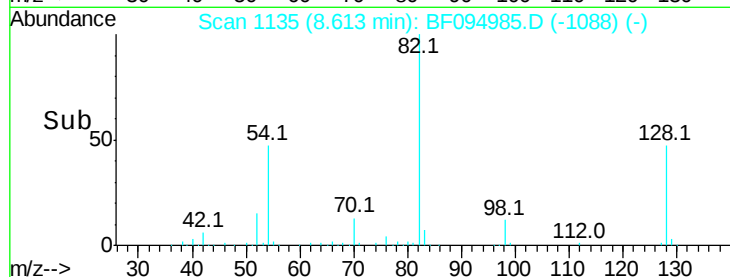
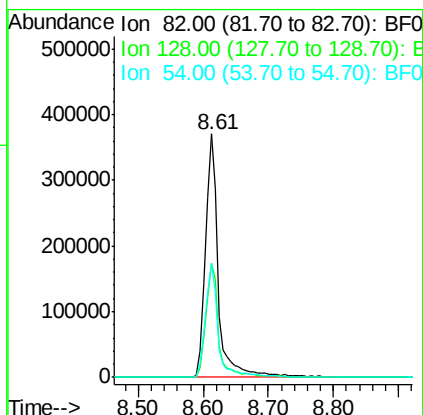
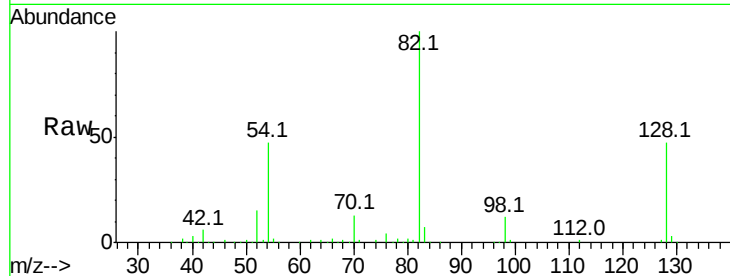




#23
Nitrobenzene-d5
Concen: 86.29 ng
RT: 8.61 min Scan# 1135
Delta R.T. -0.02 min
Lab File: BF094985.D
Acq: 8 May 2017 17:55

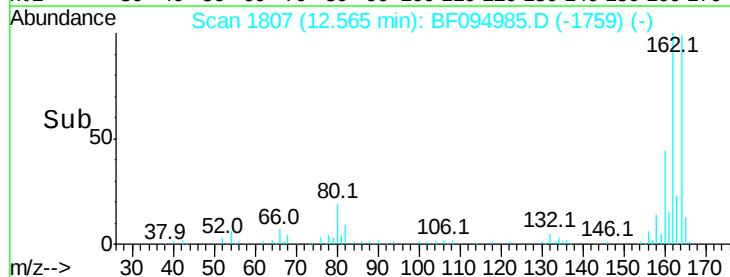
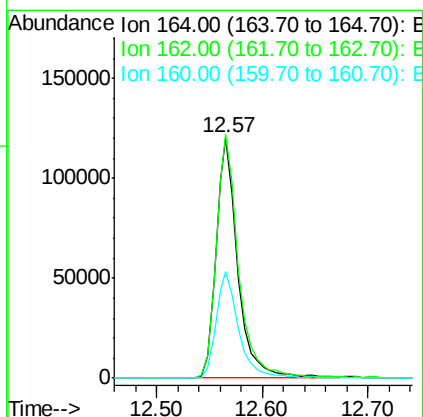
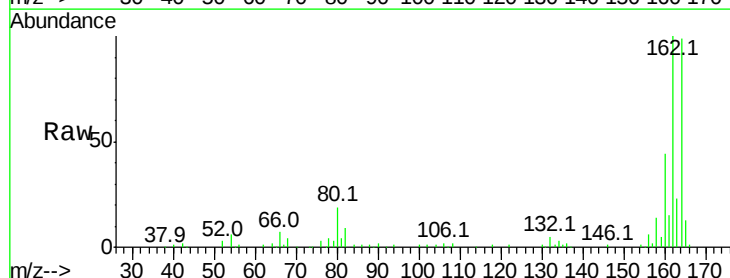
Instrument :
BNA_F
ClientSampleID :
PB98770BL

Tot Ion: 82 Resp: 510275
Ion Ratio Lower Upper
82 100
128 46.9 34.0 51.0
54 46.8 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.57 min Scan# 1807
Delta R.T. -0.02 min
Lab File: BF094985.D
Acq: 8 May 2017 17:55

Tgt Ion: 164 Resp: 173620
Ion Ratio Lower Upper
164 100
162 101.4 82.6 123.8
160 44.2 36.2 54.2

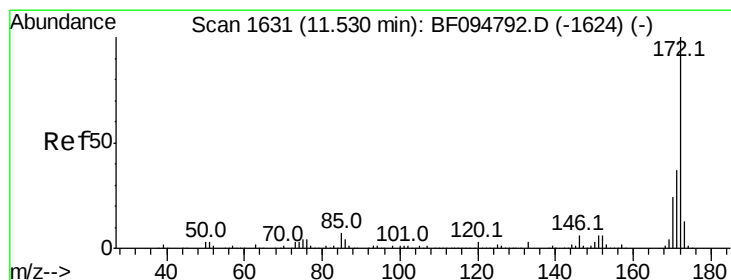
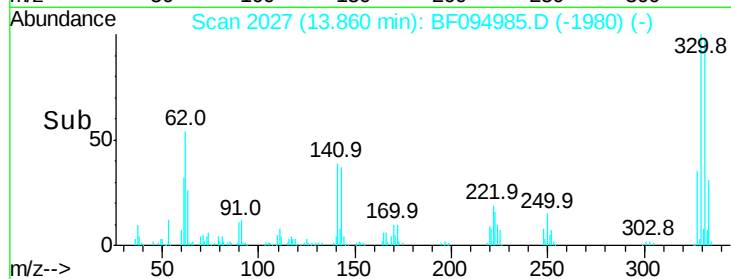
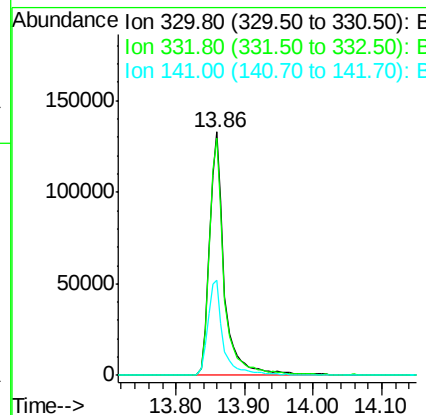
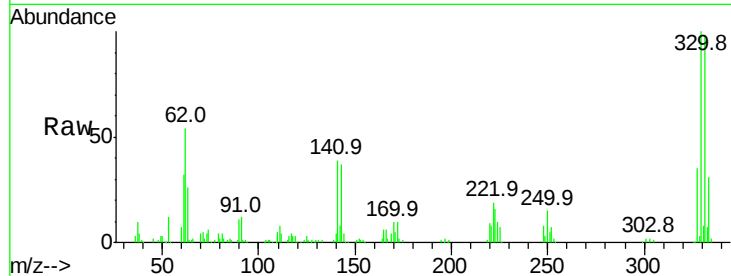




#41
 2,4,6-Tribromophenol
 Concen: 144.29 ng
 RT: 13.86 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BF094985.D
 Acq: 8 May 2017 17:55

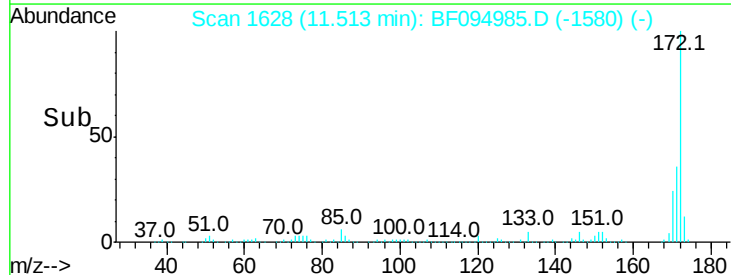
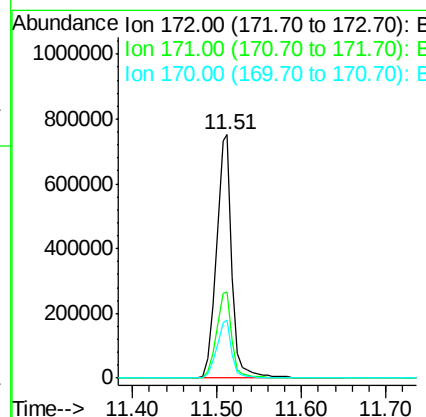
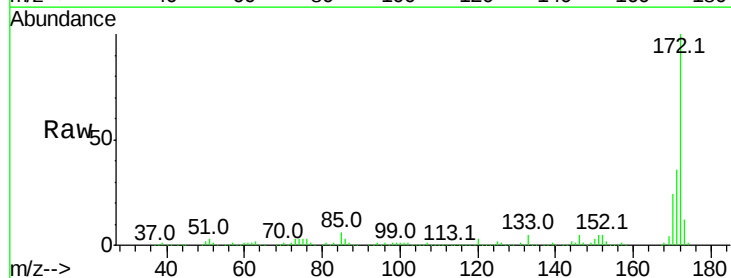
Instrument :
 BNA_F
 ClientSampleId :
 PB98770BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	115.0
141	39.9	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 81.47 ng
 RT: 11.51 min Scan# 1628
 Delta R.T. -0.02 min
 Lab File: BF094985.D
 Acq: 8 May 2017 17:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.8	19.8	29.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.97 min Scan# 2215

Delta R.T. -0.02 min

Lab File: BF094985.D

Acq: 8 May 2017 17:55

Instrument :

BNA_F

ClientSampleId :

PB98770BL

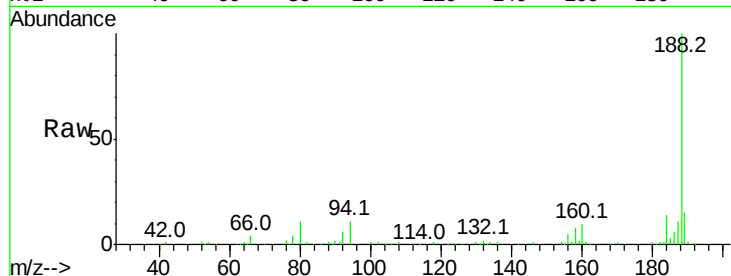
Tot Ion:188 Resp: 326979

Ion Ratio Lower Upper

188 100

94 10.7 9.4 14.2

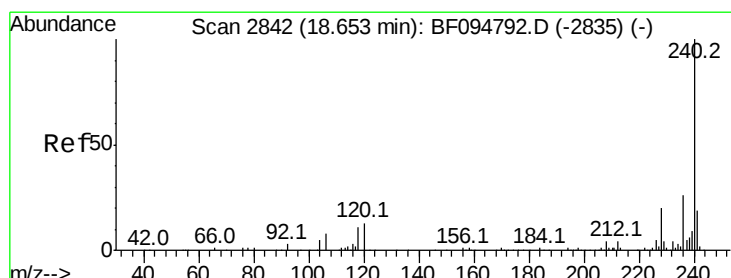
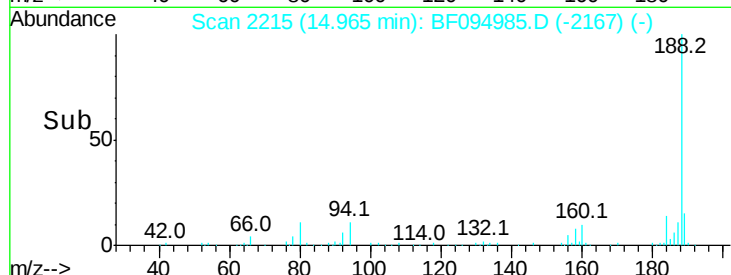
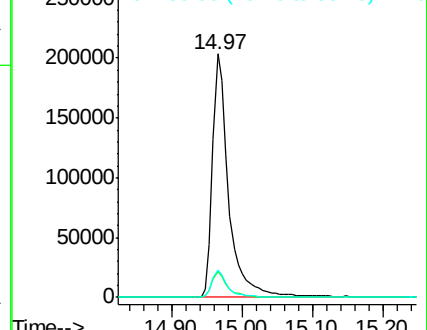
80 11.0 10.2 15.2



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: BF094985.D

Acq: 8 May 2017 17:55

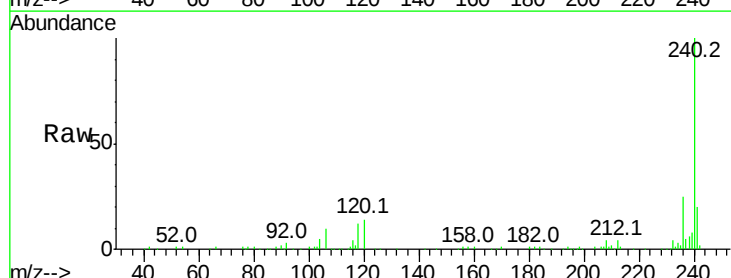
Tgt Ion:240 Resp: 294324

Ion Ratio Lower Upper

240 100

120 14.3 5.8 8.8#

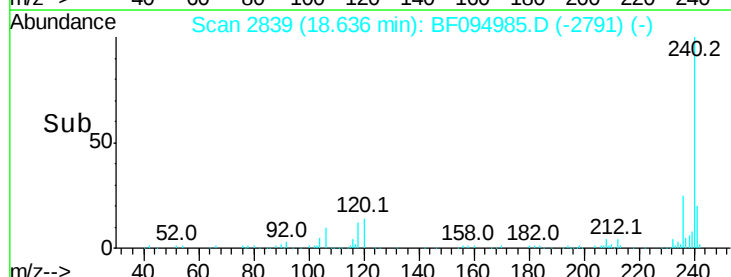
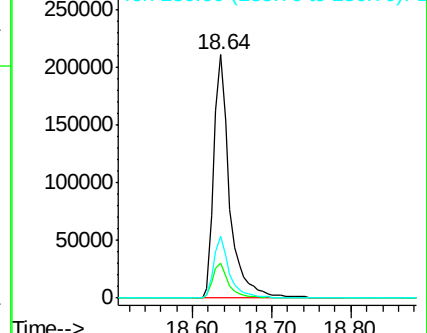
236 25.4 20.5 30.7

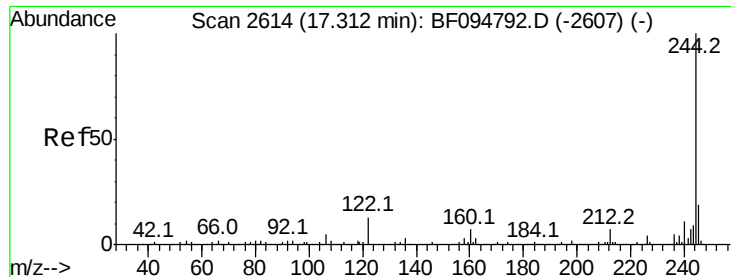


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

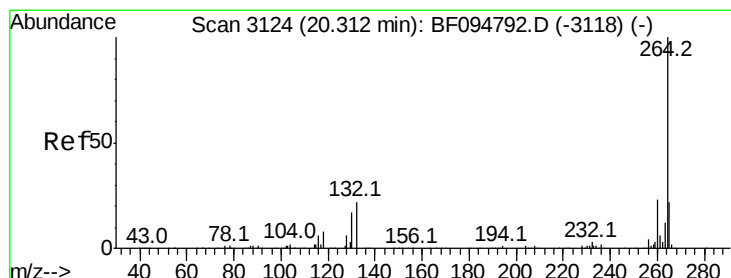
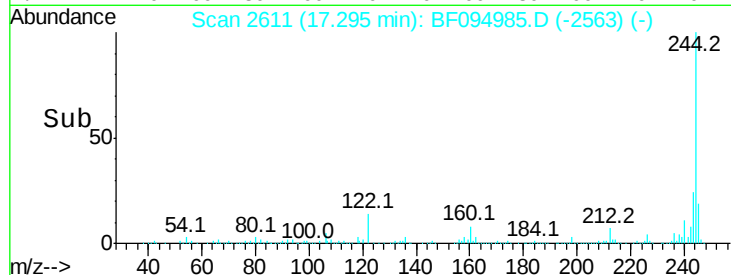
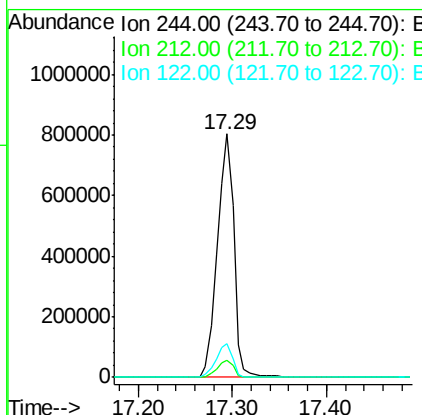
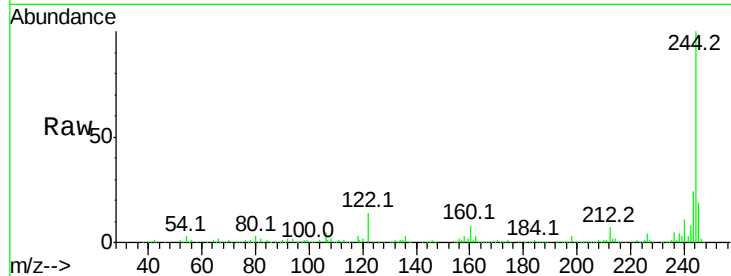




#78
 Terphenyl-d14
 Concen: 74.36 ng
 RT: 17.29 min Scan# 2611
 Delta R.T. -0.02 min
 Lab File: BF094985.D
 Acq: 8 May 2017 17:55

Instrument :
 BNA_F
 ClientSampleId :
 PB98770BL

Tot Ion:244 Resp: 993680
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 13.9 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: BF094985.D
 Acq: 8 May 2017 17:55

Tgt Ion:264 Resp: 243580
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.5 29.3
 265 20.7 17.2 25.8

