

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051117\
 Data File : BF095090.D
 Acq On : 11 May 2017 20:41
 Operator : SJ/MA
 Sample : I3092-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 12 02:57:47 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

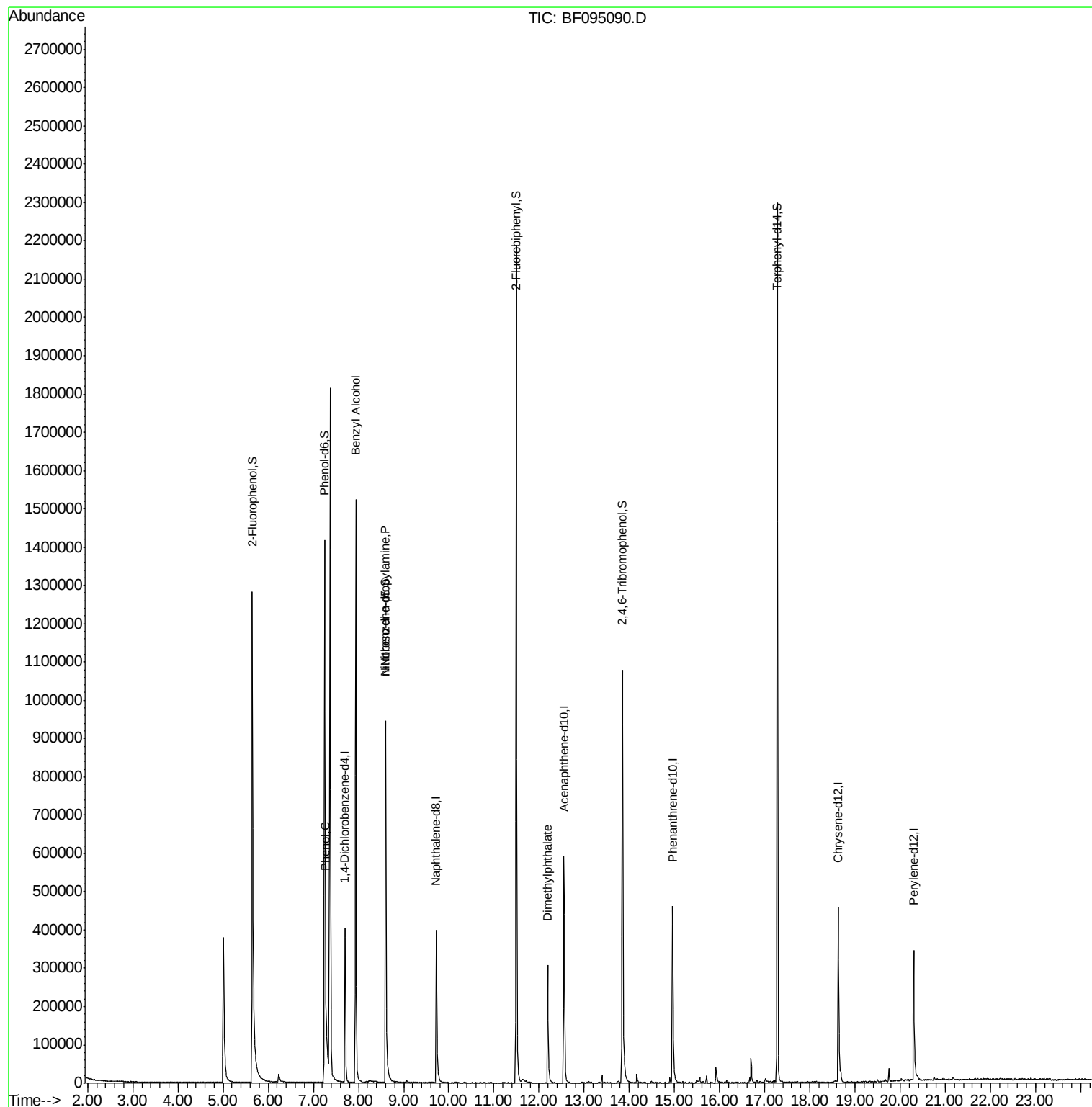
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	91143	20.00	ng	-0.03
21) Naphthalene-d8	9.72	136	328915	20.00	ng	-0.03
38) Acenaphthene-d10	12.55	164	177633	20.00	ng	-0.03
63) Phenanthrene-d10	14.96	188	303309	20.00	ng	-0.02
75) Chrysene-d12	18.63	240	272210	20.00	ng	-0.02
86) Perylene-d12	20.30	264	210211	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	732821	134.05	ng	-0.03
7) Phenol-d6	7.25	99	880501	134.24	ng	-0.03
23) Nitrobenzene-d5	8.60	82	494162	94.74	ng	-0.04
41) 2,4,6-Tribromophenol	13.85	330	201744	138.68	ng	-0.04
44) 2-Fluorobiphenyl	11.49	172	1029655	83.43	ng	-0.04
78) Terphenyl-d14	17.28	244	892159	72.19	ng	-0.03
Target Compounds						
10) Phenol	7.27	94	18247	2.64	ng	# 46
15) Benzyl Alcohol	7.94	79	8444	2.00	ng	# 45
19) n-Nitroso-di-n-propylamine	8.60	70	62971	14.19	ng	# 76
49) Dimethylphthalate	12.19	163	226646	15.54	ng	99

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

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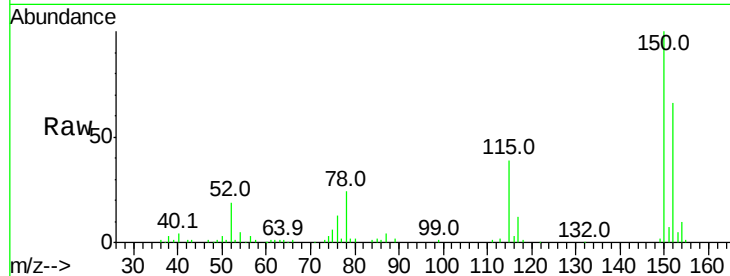


#1

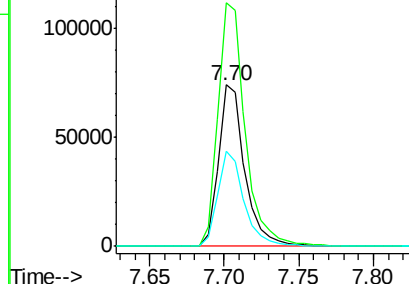
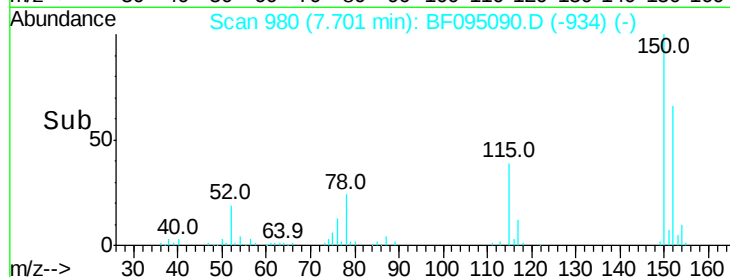
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.70 min Scan# 980
Delta R.T. -0.03 min
Lab File: BF095090.D
Acq: 11 May 2017 20:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 91143
Ion Ratio Lower Upper
152 100
150 151.1 126.2 189.2
115 58.9 52.2 78.2



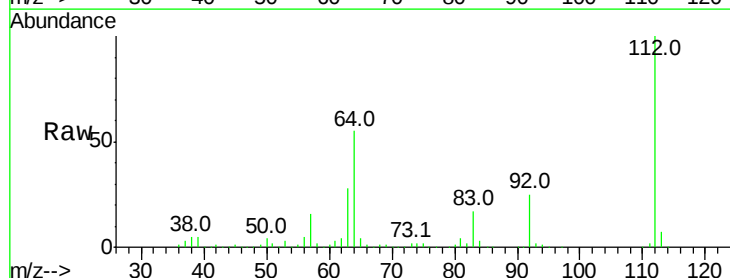
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



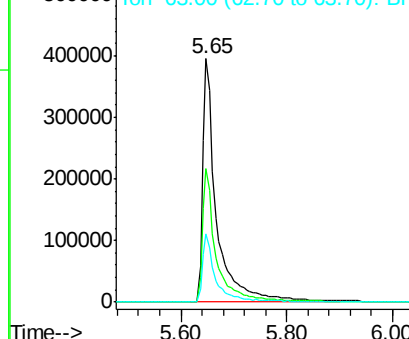
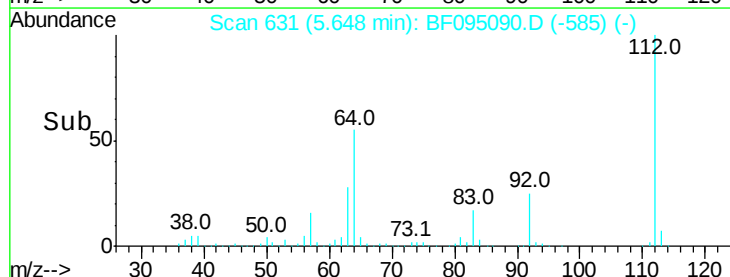
#5

2-Fluorophenol
Concen: 134.05 ng
RT: 5.65 min Scan# 631
Delta R.T. -0.03 min
Lab File: BF095090.D
Acq: 11 May 2017 20:41

Tgt Ion:112 Resp: 732821
Ion Ratio Lower Upper
112 100
64 55.0 46.0 69.0
63 27.9 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: 134.24 ng

RT: 7.25 min Scan# 903

Delta R.T. -0.03 min

Lab File: BF095090.D

Acq: 11 May 2017 20:41

Instrument :

BNA_F

ClientSampled :

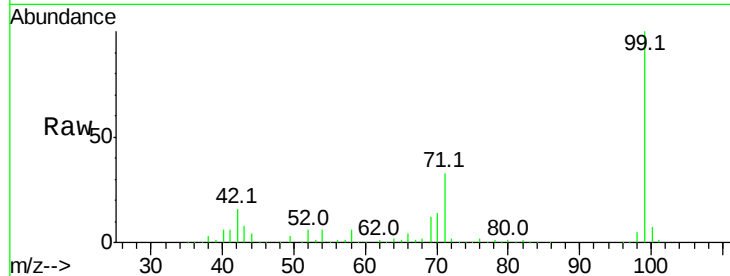
Tot Ion: 99 Resp: 880501

Ion Ratio Lower Upper

99 100

42 16.4 13.5 20.3

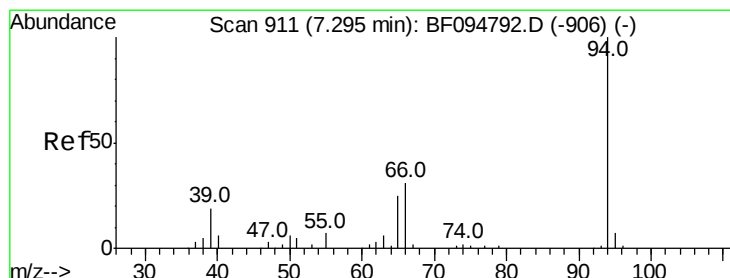
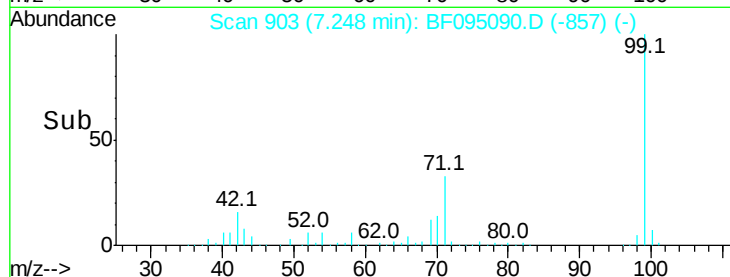
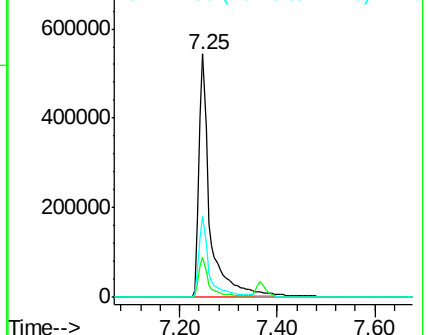
71 33.0 24.5 36.7



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



#10

Phenol

Concen: 2.64 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.03 min

Lab File: BF095090.D

Acq: 11 May 2017 20:41

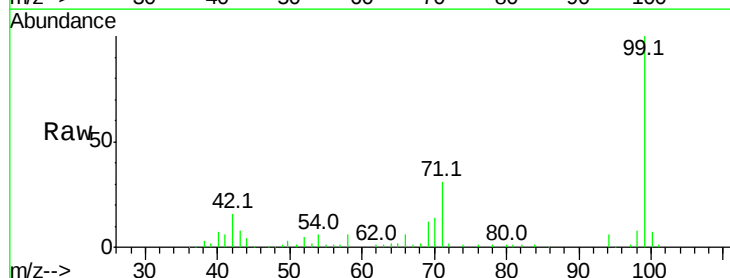
Tgt Ion: 94 Resp: 18247

Ion Ratio Lower Upper

94 100

65 35.6 9.9 49.9

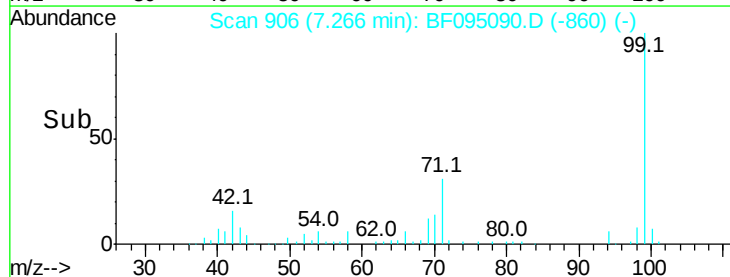
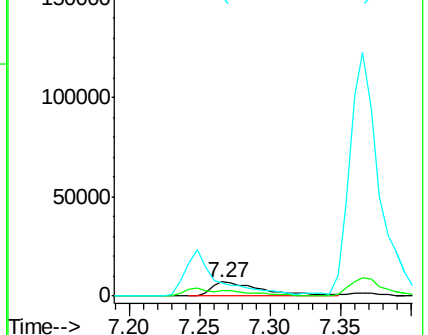
66 97.3 23.1 63.1#

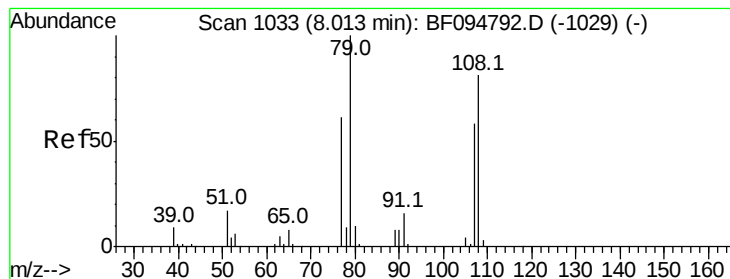


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.00 ng

RT: 7.94 min Scan# 1020

Delta R.T. -0.08 min

Lab File: BF095090.D

Acq: 11 May 2017 20:41

Instrument :

BNA_F

ClientSampled :

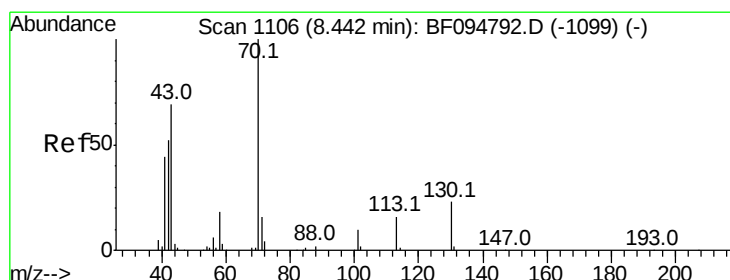
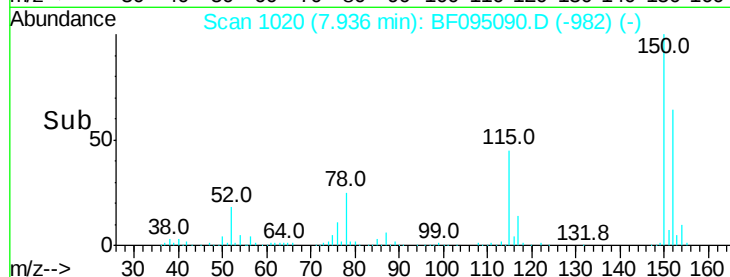
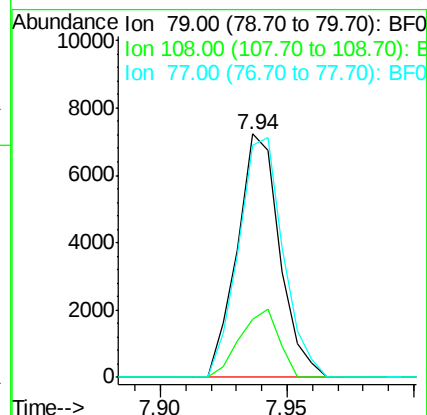
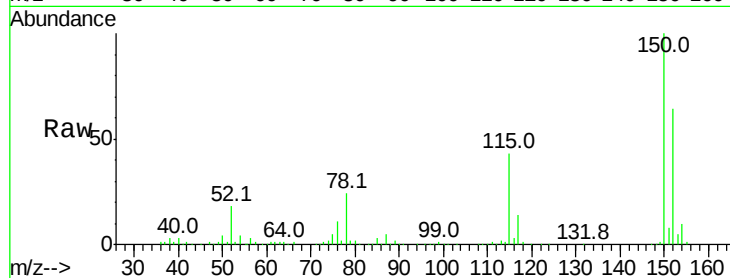
Tot Ion: 79 Resp: 8444

Ion Ratio Lower Upper

79 100

108 23.6 63.4 95.0#

77 95.5 49.2 73.8#



#19

n-Nitroso-di-n-propylamine

Concen: 14.19 ng

RT: 8.60 min Scan# 1133

Delta R.T. 0.16 min

Lab File: BF095090.D

Acq: 11 May 2017 20:41

Tgt Ion: 70 Resp: 62971

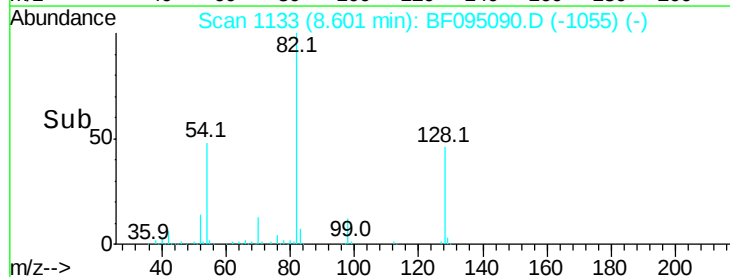
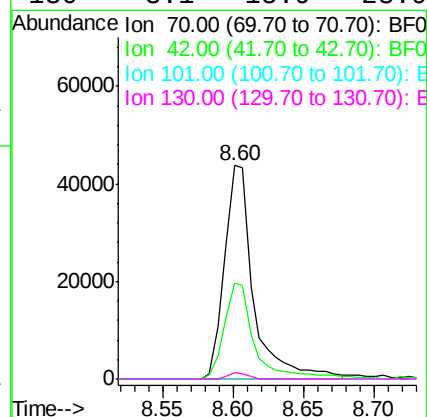
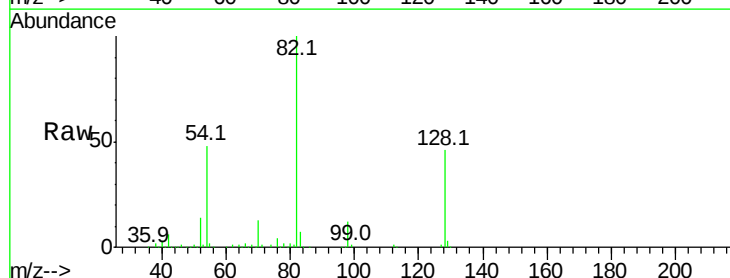
Ion Ratio Lower Upper

70 100

42 44.8 47.2 70.8#

101 0.0 7.2 10.8#

130 3.1 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.72 min Scan# 1324

Delta R.T. -0.03 min

Lab File: BF095090.D

Acq: 11 May 2017 20:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 328915

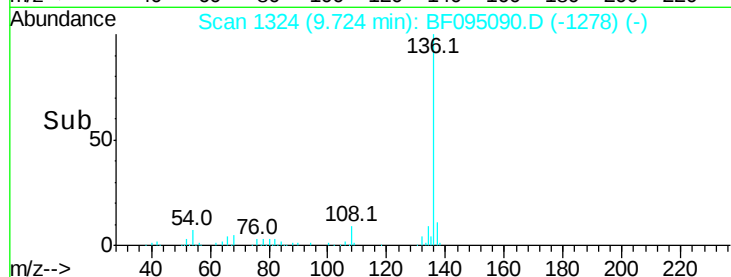
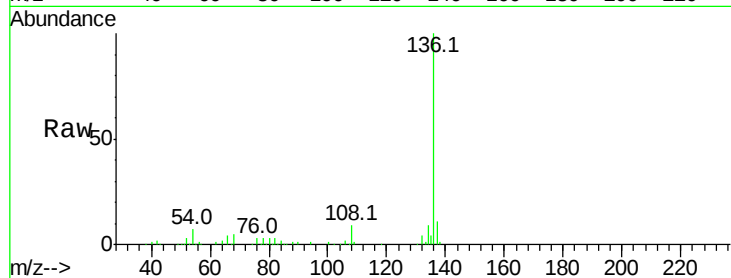
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.8 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

Time-->

9.60 9.70 9.80 9.90

300000

250000

200000

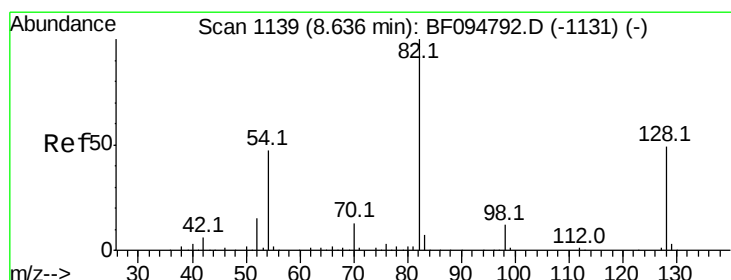
150000

100000

50000

0

9.72



#23

Nitrobenzene-d5

Concen: 94.74 ng

RT: 8.60 min Scan# 1133

Delta R.T. -0.04 min

Lab File: BF095090.D

Acq: 11 May 2017 20:41

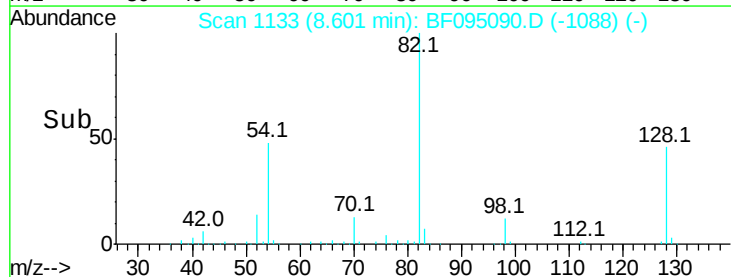
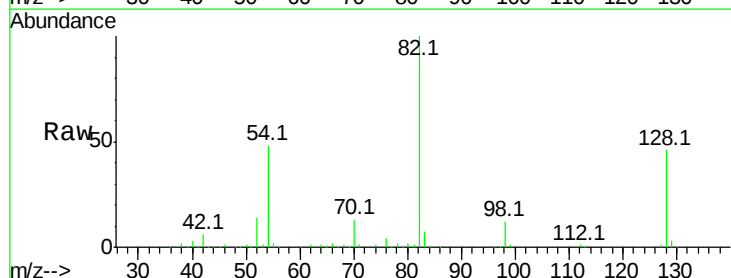
Tgt Ion: 82 Resp: 494162

Ion Ratio Lower Upper

82 100

128 46.3 34.0 51.0

54 47.7 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

Time-->

8.50 8.60 8.70 8.80

400000

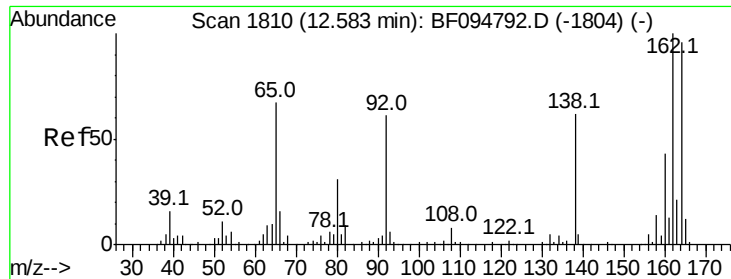
300000

200000

100000

0

8.60



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.55 min Scan# 1805

Delta R.T. -0.03 min

Lab File: BF095090.D

Acq: 11 May 2017 20:41

Instrument :

BNA_F

ClientSampleId :

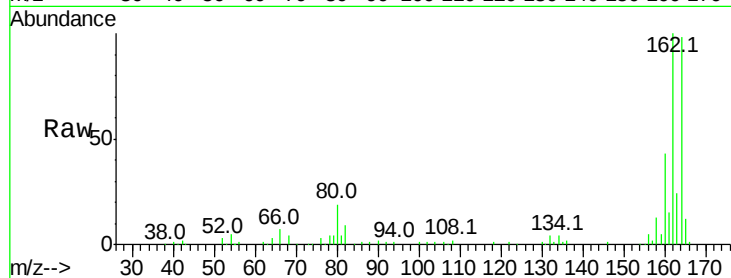
Tot Ion:164 Resp: 177633

Ion Ratio Lower Upper

164 100

162 102.5 82.6 123.8

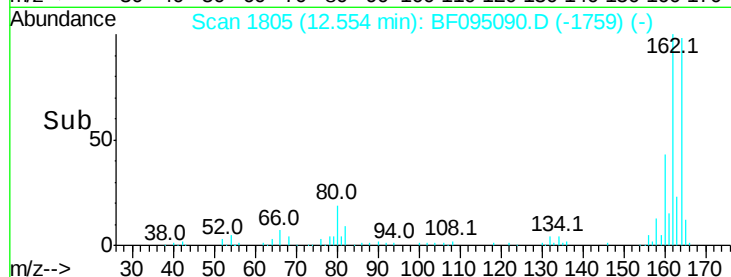
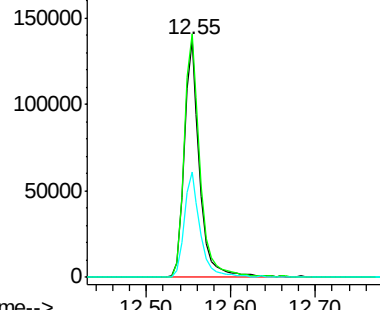
160 44.5 36.2 54.2



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: 138.68 ng

RT: 13.85 min Scan# 2025

Delta R.T. -0.04 min

Lab File: BF095090.D

Acq: 11 May 2017 20:41

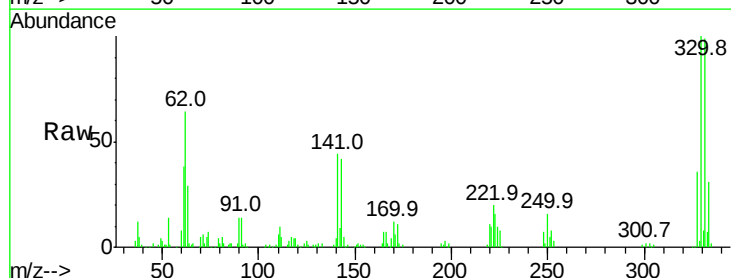
Tgt Ion:330 Resp: 201744

Ion Ratio Lower Upper

330 100

332 96.7 76.6 115.0

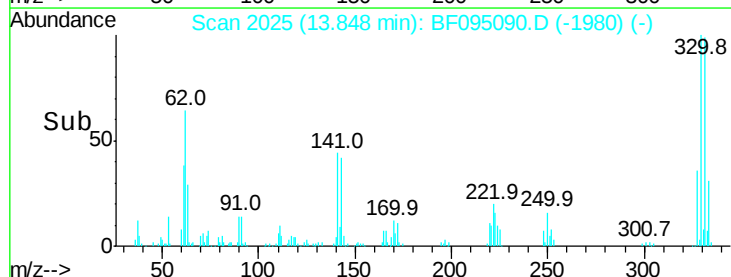
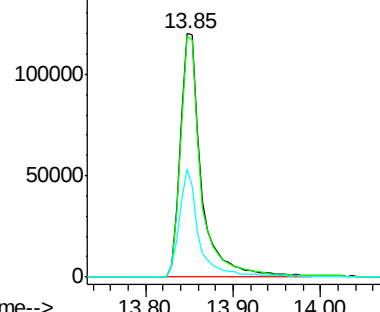
141 40.9 31.4 47.2



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



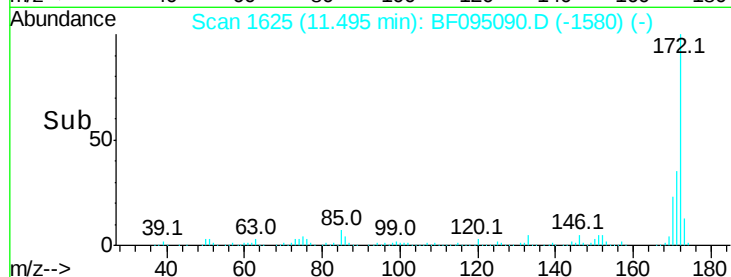
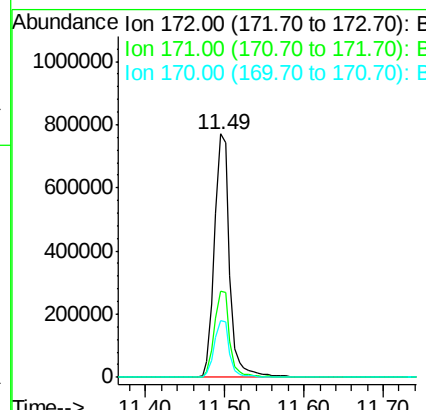
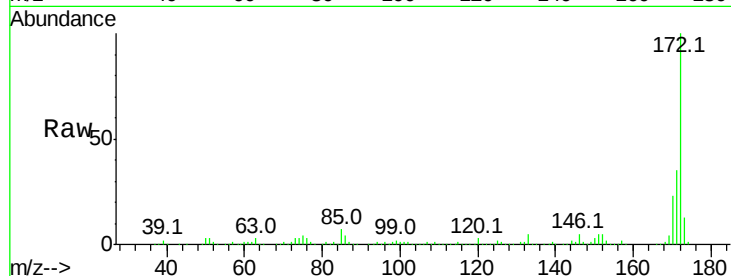


#44
 2-Fluorobiphenyl
 Concen: 83.43 ng
 RT: 11.49 min Scan# 1625
 Delta R.T. -0.04 min
 Lab File: BF095090.D
 Acq: 11 May 2017 20:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1029655

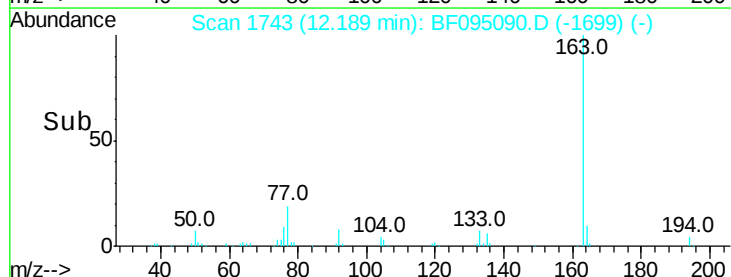
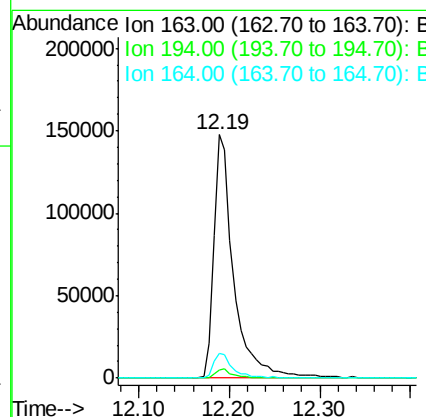
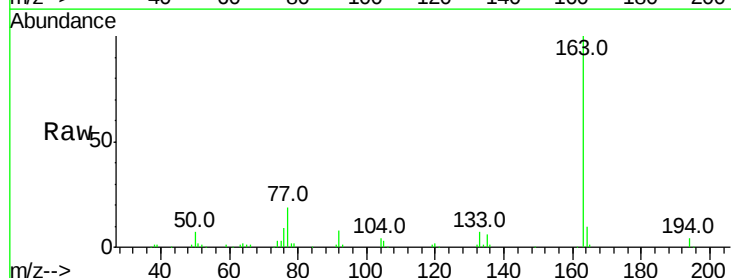
Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.6	44.4
170	23.1	19.8	29.8



#49
 Dimethylphthalate
 Concen: 15.54 ng
 RT: 12.19 min Scan# 1743
 Delta R.T. -0.04 min
 Lab File: BF095090.D
 Acq: 11 May 2017 20:41

Tgt Ion:163 Resp: 226646

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.0	8.4	12.6

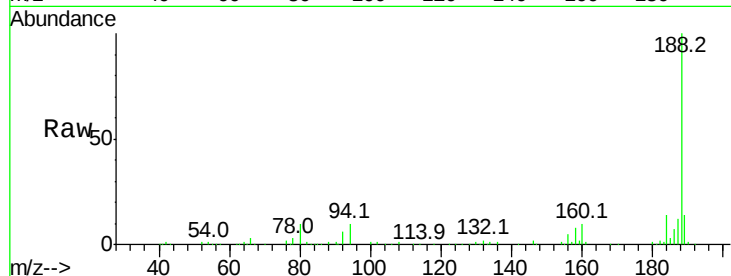




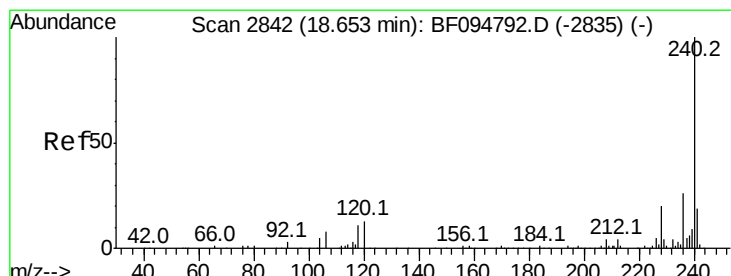
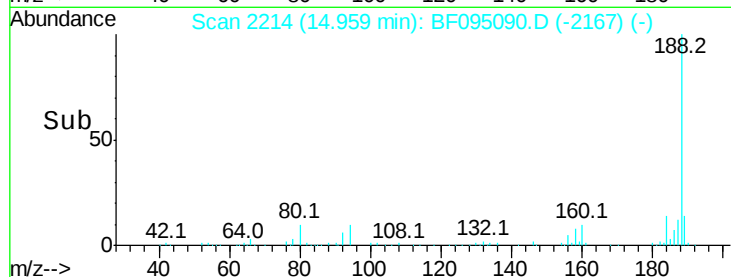
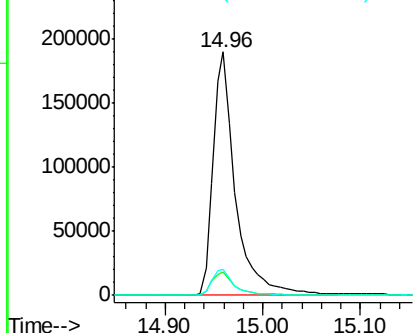
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.96 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BF095090.D
Acq: 11 May 2017 20:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 303309
Ion Ratio Lower Upper
188 100
94 9.9 9.4 14.2
80 10.5 10.2 15.2

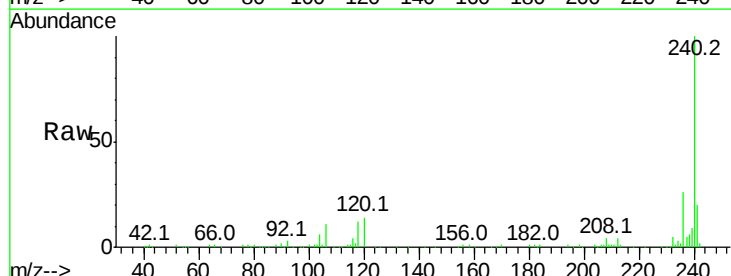


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

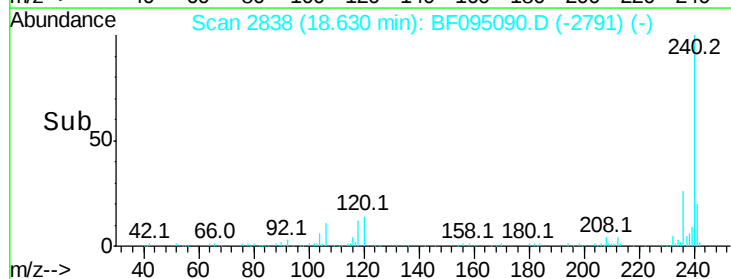
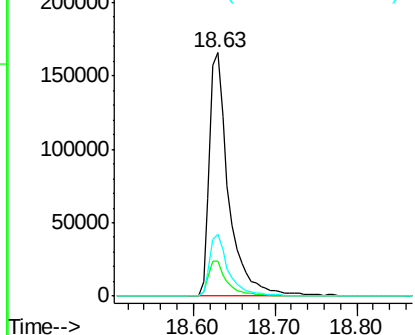


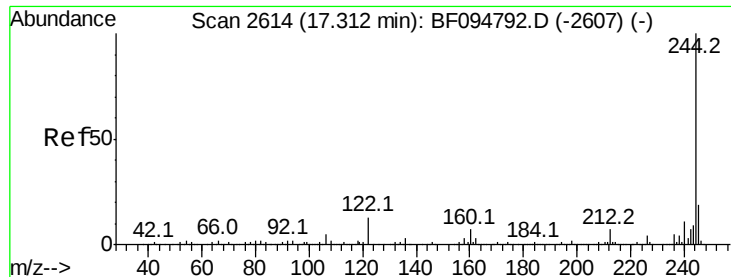
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.63 min Scan# 2838
Delta R.T. -0.02 min
Lab File: BF095090.D
Acq: 11 May 2017 20:41

Tgt Ion:240 Resp: 272210
Ion Ratio Lower Upper
240 100
120 14.4 5.8 8.8#
236 25.5 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

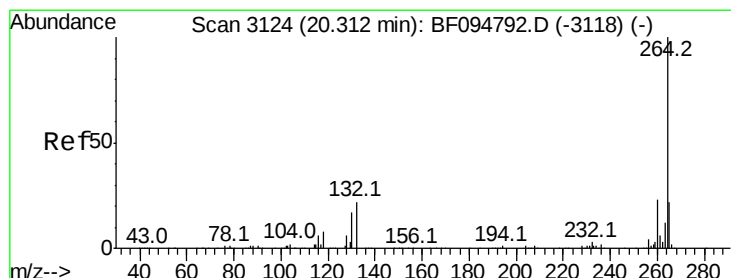
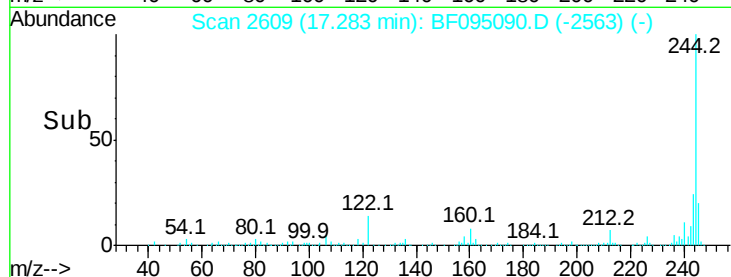
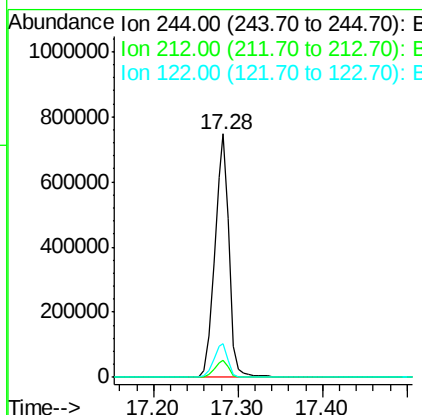
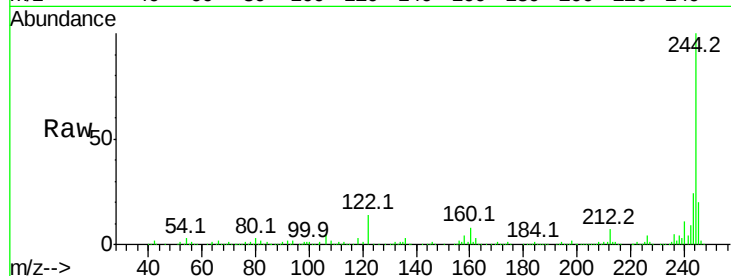




#78
 Terphenyl-d14
 Concen: 72.19 ng
 RT: 17.28 min Scan# 2609
 Delta R.T. -0.03 min
 Lab File: BF095090.D
 Acq: 11 May 2017 20:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 892159
 Ion Ratio Lower Upper
 244 100
 212 7.1 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: BF095090.D
 Acq: 11 May 2017 20:41

Tgt Ion:264 Resp: 210211
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.5 29.3
 265 21.6 17.2 25.8

