

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052317\
 Data File : BF095374.D
 Acq On : 24 May 2017 5:54
 Operator : SJ/MA
 Sample : I3269-08
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 24 07:22:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

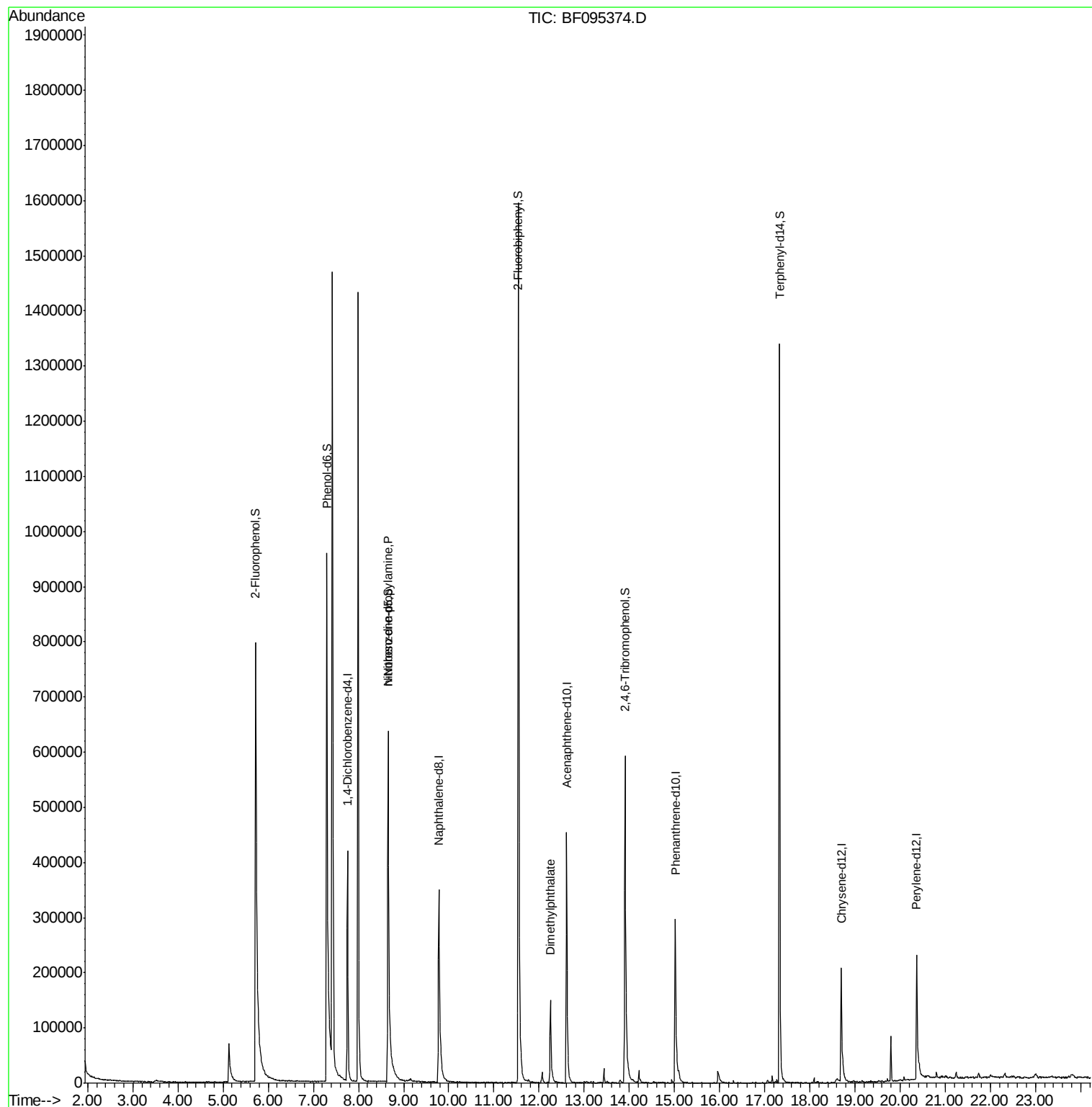
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	97571	20.00	ng	-0.01
21) Naphthalene-d8	9.78	136	418388	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	168226	20.00	ng	-0.01
63) Phenanthrene-d10	15.02	188	274049	20.00	ng	0.00
75) Chrysene-d12	18.69	240	165647	20.00	ng	0.00
86) Perylene-d12	20.36	264	167137	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	667483	114.05	ng	-0.02
7) Phenol-d6	7.30	99	821773	117.03	ng	-0.02
23) Nitrobenzene-d5	8.65	82	487765	73.51	ng	-0.02
41) 2,4,6-Tribromophenol	13.91	330	146993	106.69	ng	-0.01
44) 2-Fluorobiphenyl	11.54	172	926787	79.30	ng	-0.02
78) Terphenyl-d14	17.33	244	615853	81.89	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.65	70	54470	11.47	ng	# 81
49) Dimethylphthalate	12.25	163	145275	10.52	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: 7.75 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF095374.D

Acq: 24 May 2017 5:54

Instrument :

BNA_F

ClientSampleId :

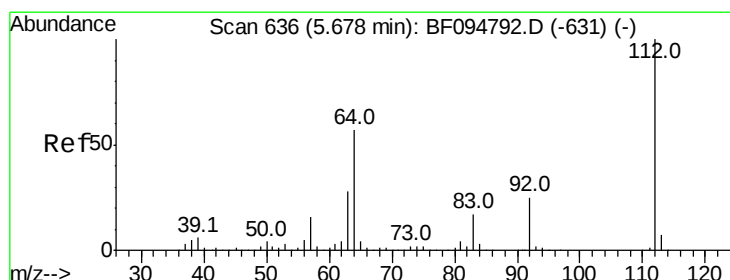
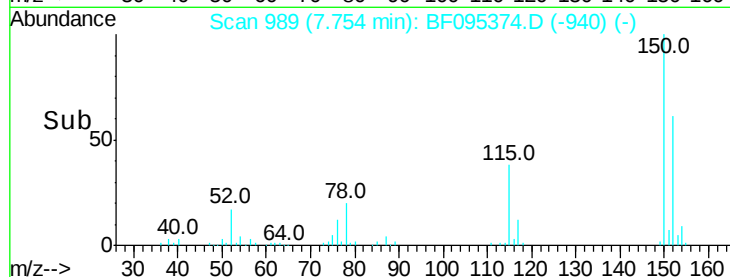
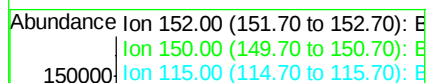
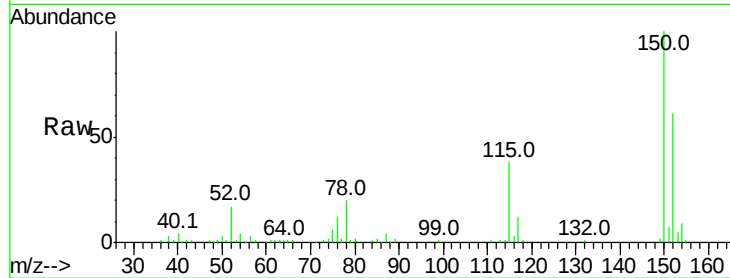
Tot Ion:152 Resp: 97571

Ion Ratio Lower Upper

152 100

150 164.6 126.2 189.2

115 62.3 52.2 78.2



#5

2-Fluorophenol

Concen: 114.05 ng

RT: 5.72 min Scan# 643

Delta R.T. -0.02 min

Lab File: BF095374.D

Acq: 24 May 2017 5:54

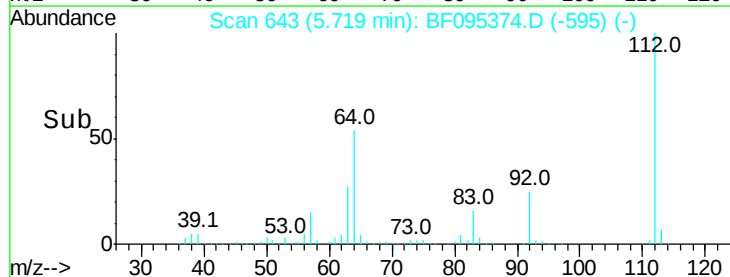
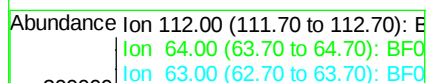
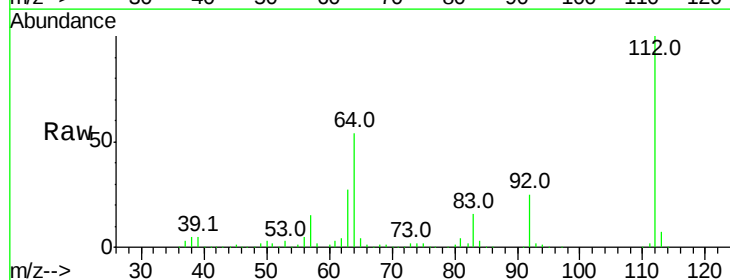
Tgt Ion:112 Resp: 667483

Ion Ratio Lower Upper

112 100

64 53.8 46.0 69.0

63 26.5 23.4 35.0





#7

Phenol-d6

Concen: 117.03 ng

RT: 7.30 min Scan# 911

Delta R.T. -0.02 min

Lab File: BF095374.D

Acq: 24 May 2017 5:54

Instrument :

BNA_F

ClientSampled :

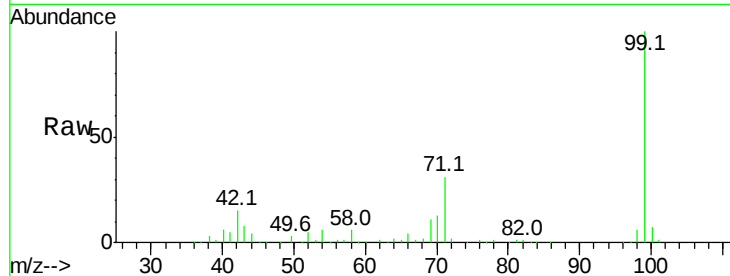
Tot Ion: 99 Resp: 821773

Ion Ratio Lower Upper

99 100

42 15.4 13.5 20.3

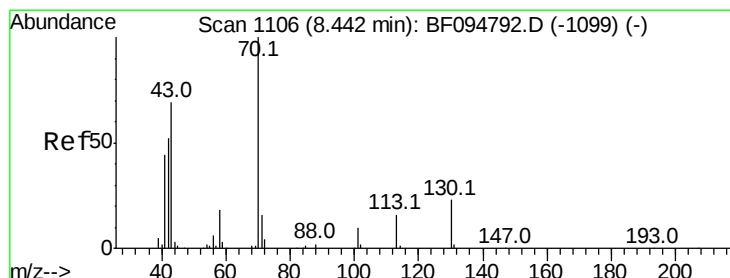
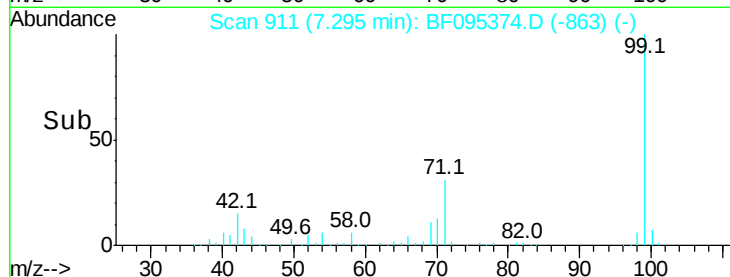
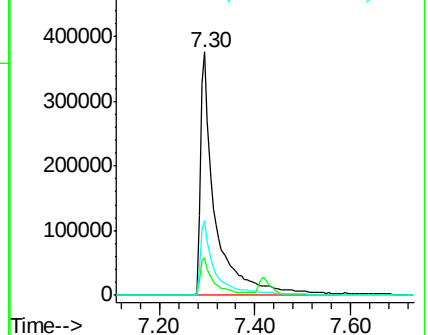
71 30.8 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.47 ng

RT: 8.65 min Scan# 1142

Delta R.T. 0.18 min

Lab File: BF095374.D

Acq: 24 May 2017 5:54

Tgt Ion: 70 Resp: 54470

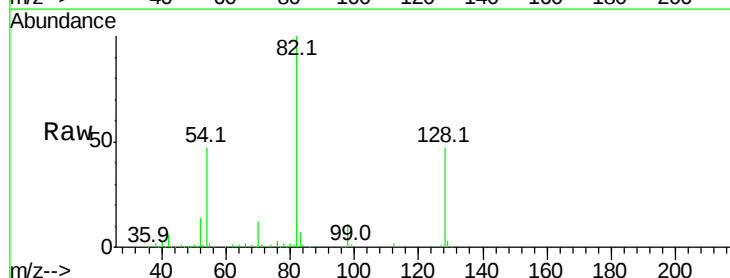
Ion Ratio Lower Upper

70 100

42 50.3 47.2 70.8

101 0.0 7.2 10.8#

130 2.6 15.9 23.9#

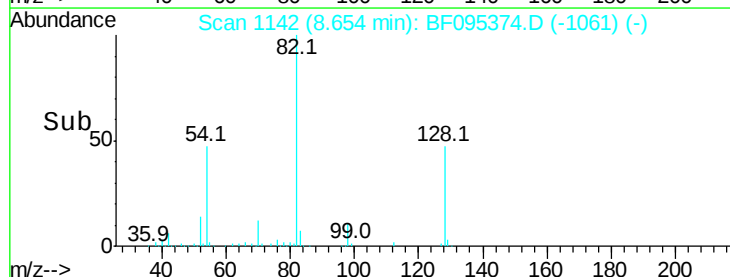
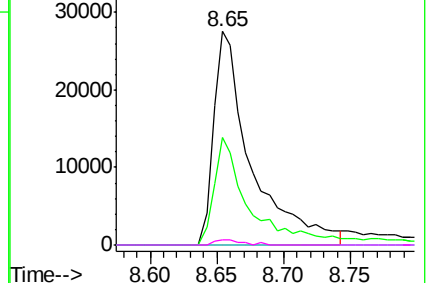


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.78 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF095374.D

Acq: 24 May 2017 5:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 418388

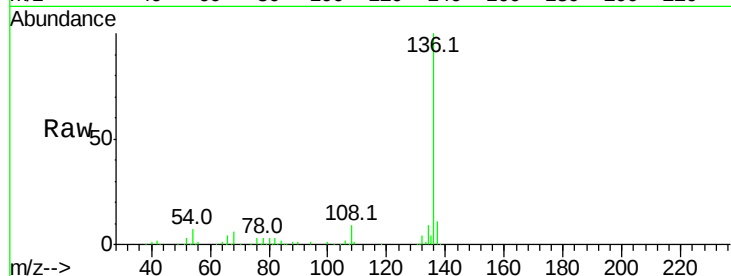
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.0 4.9 7.3

68 5.8 4.1 6.1

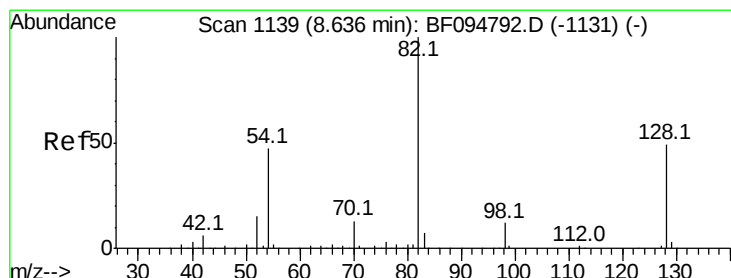
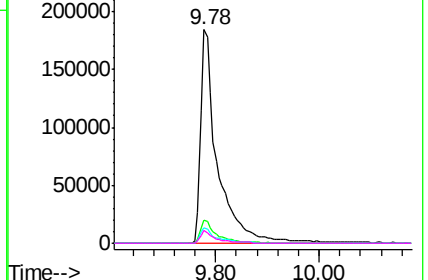
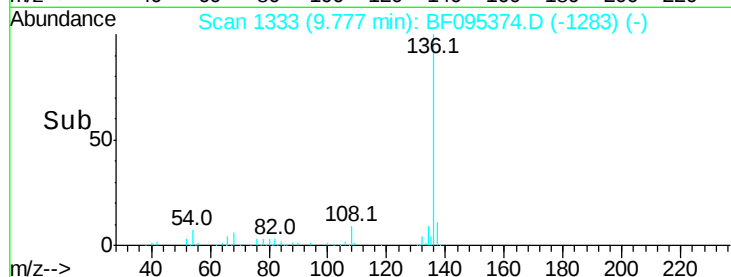


Abundance Ion 136.00 (135.70 to 136.70): E

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: 73.51 ng

RT: 8.65 min Scan# 1142

Delta R.T. -0.02 min

Lab File: BF095374.D

Acq: 24 May 2017 5:54

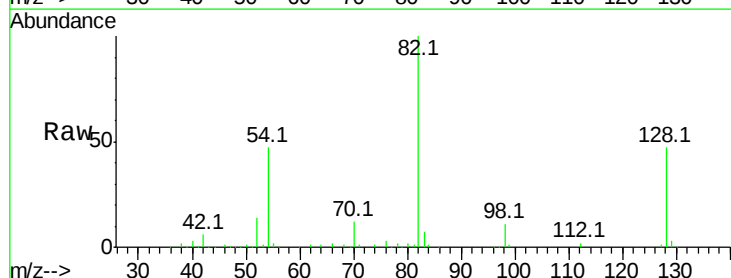
Tgt Ion: 82 Resp: 487765

Ion Ratio Lower Upper

82 100

128 46.8 34.0 51.0

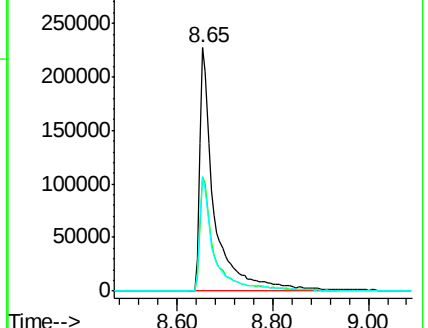
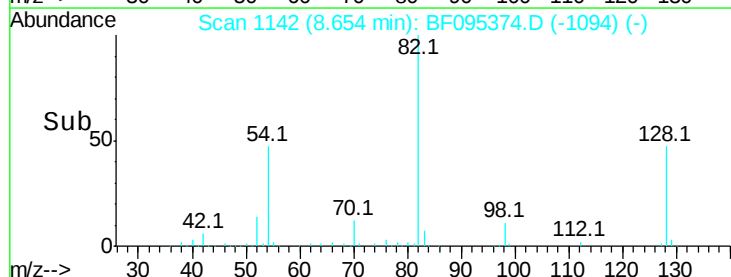
54 47.1 42.2 63.2



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: 12.61 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BF095374.D

Acq: 24 May 2017 5:54

Instrument :

BNA_F

ClientSampleId :

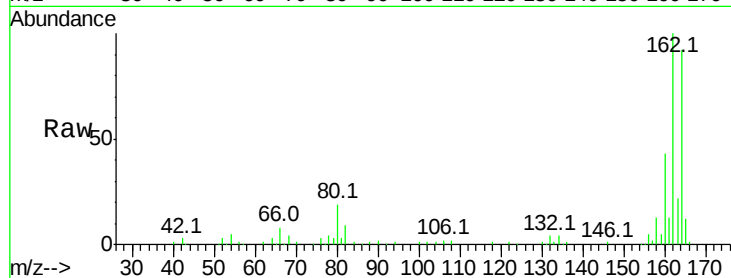
Tot Ion:164 Resp: 168226

Ion Ratio Lower Upper

164 100

162 108.7 82.6 123.8

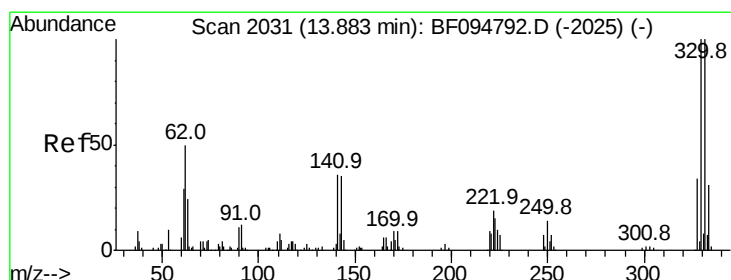
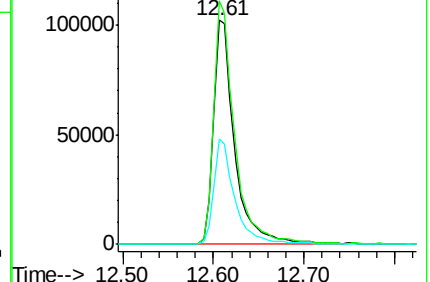
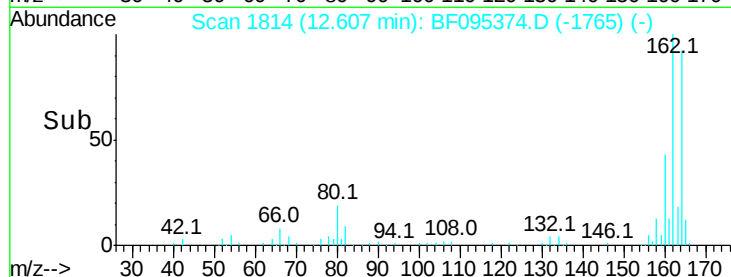
160 46.8 36.2 54.2



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: 106.69 ng

RT: 13.91 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF095374.D

Acq: 24 May 2017 5:54

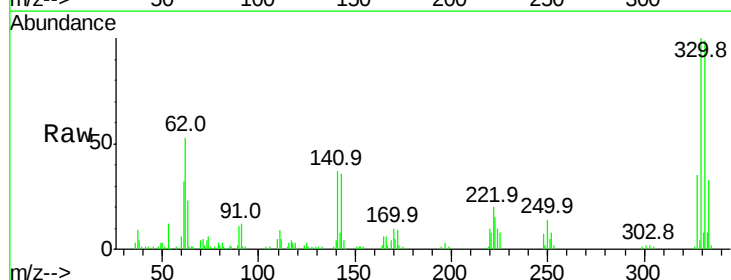
Tgt Ion:330 Resp: 146993

Ion Ratio Lower Upper

330 100

332 96.5 76.6 115.0

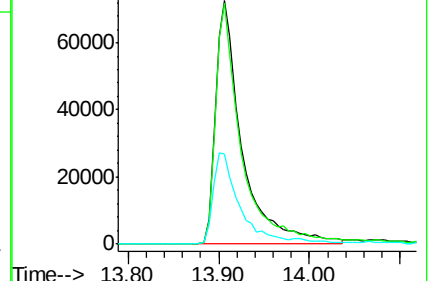
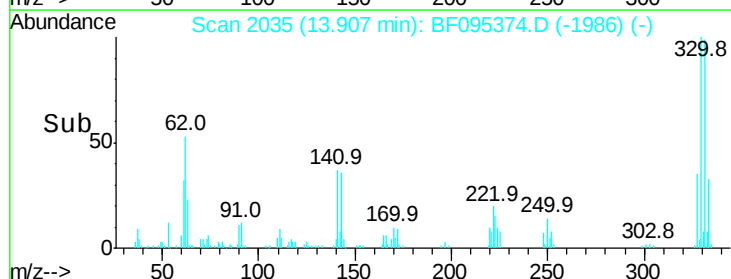
141 39.6 31.4 47.2



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

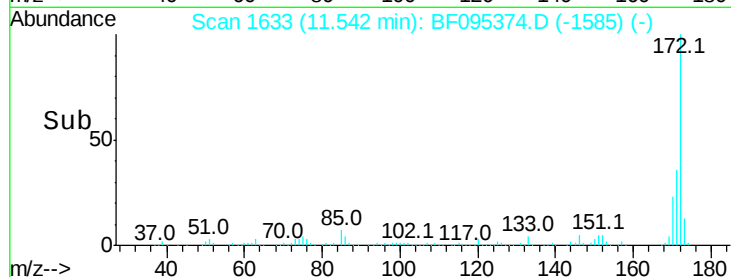
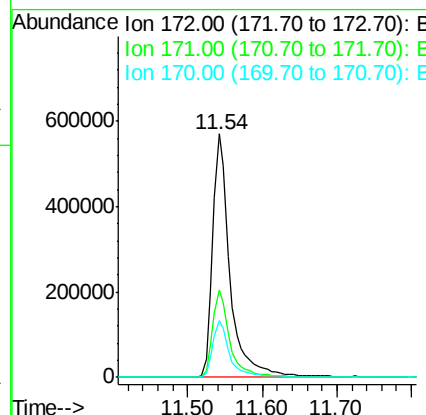
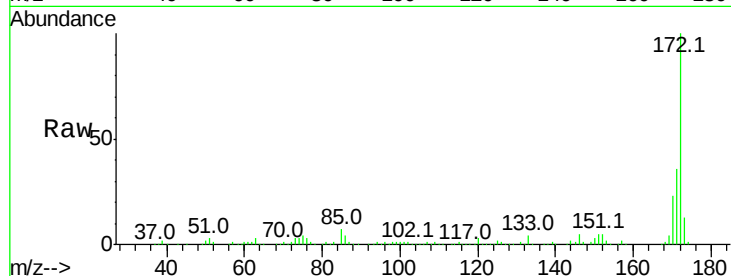




#44
2-Fluorobiphenyl
Concen: 79.30 ng
RT: 11.54 min Scan# 1633
Delta R.T. -0.02 min
Lab File: BF095374.D
Acq: 24 May 2017 5:54

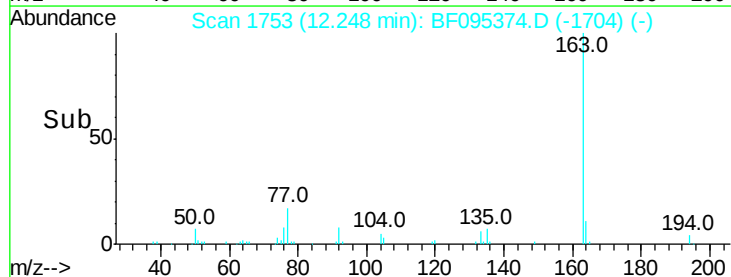
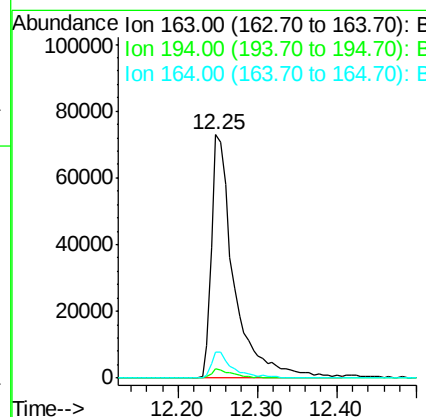
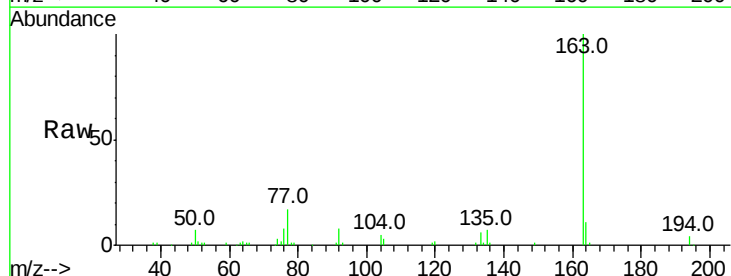
Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 926787
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 23.3 19.8 29.8



#49
Dimethylphthalate
Concen: 10.52 ng
RT: 12.25 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BF095374.D
Acq: 24 May 2017 5:54

Tgt Ion:163 Resp: 145275
Ion Ratio Lower Upper
163 100
194 4.1 2.6 4.0#
164 10.8 8.4 12.6

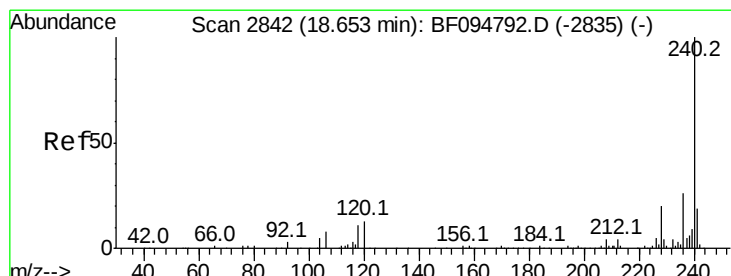
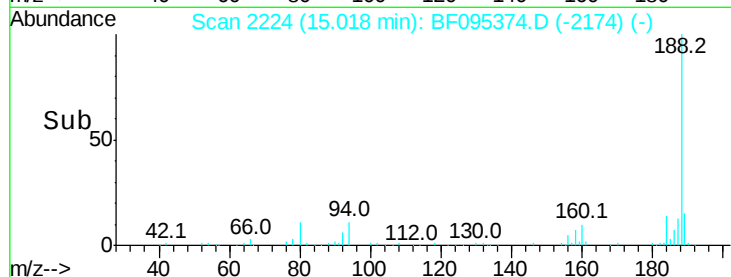
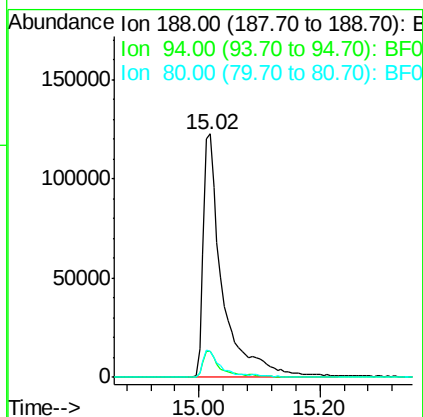
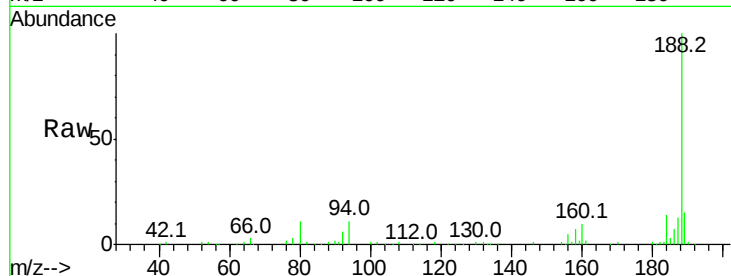




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF095374.D
 Acq: 24 May 2017 5:54

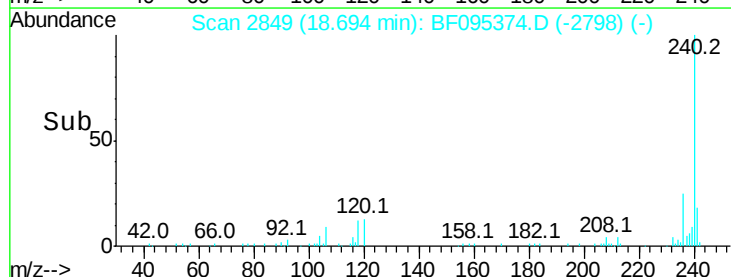
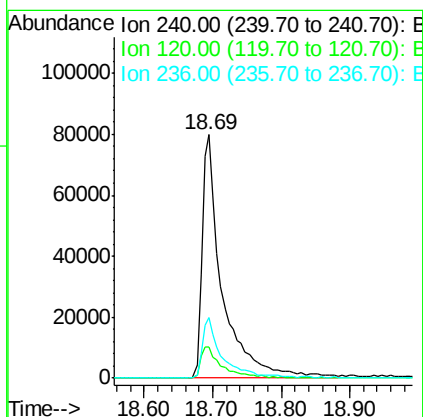
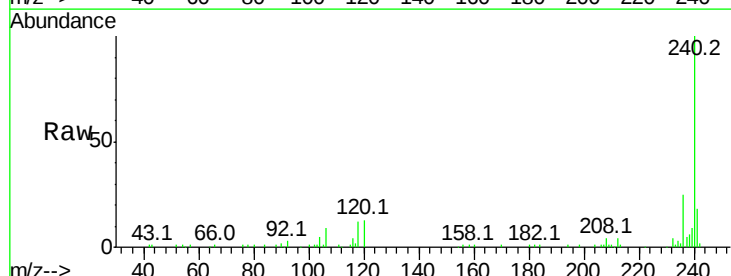
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 274049
 Ion Ratio Lower Upper
 188 100
 94 10.6 9.4 14.2
 80 10.7 10.2 15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2849
 Delta R.T. -0.00 min
 Lab File: BF095374.D
 Acq: 24 May 2017 5:54

Tgt Ion:240 Resp: 165647
 Ion Ratio Lower Upper
 240 100
 120 12.7 5.8 8.8#
 236 24.9 20.5 30.7

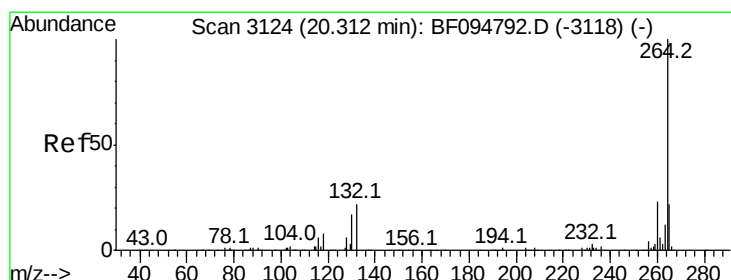
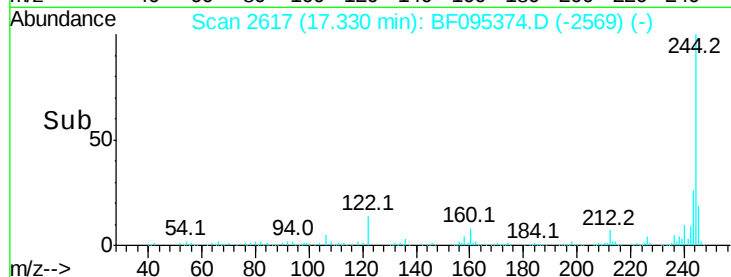
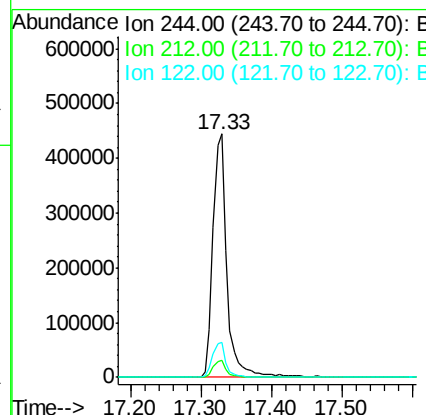
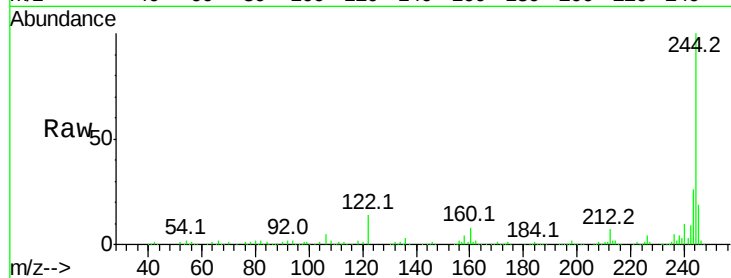




#78
 Terphenyl-d14
 Concen: 81.89 ng
 RT: 17.33 min Scan# 2617
 Delta R.T. -0.02 min
 Lab File: BF095374.D
 Acq: 24 May 2017 5:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 615853
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 14.3 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3133
 Delta R.T. -0.00 min
 Lab File: BF095374.D
 Acq: 24 May 2017 5:54

Tgt Ion:264 Resp: 167137
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.5 29.3
 265 21.8 17.2 25.8

