

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060617\
 Data File : BF095724.D
 Acq On : 6 Jun 2017 23:12
 Operator : SJ/MA
 Sample : I3478-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 07 02:49:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

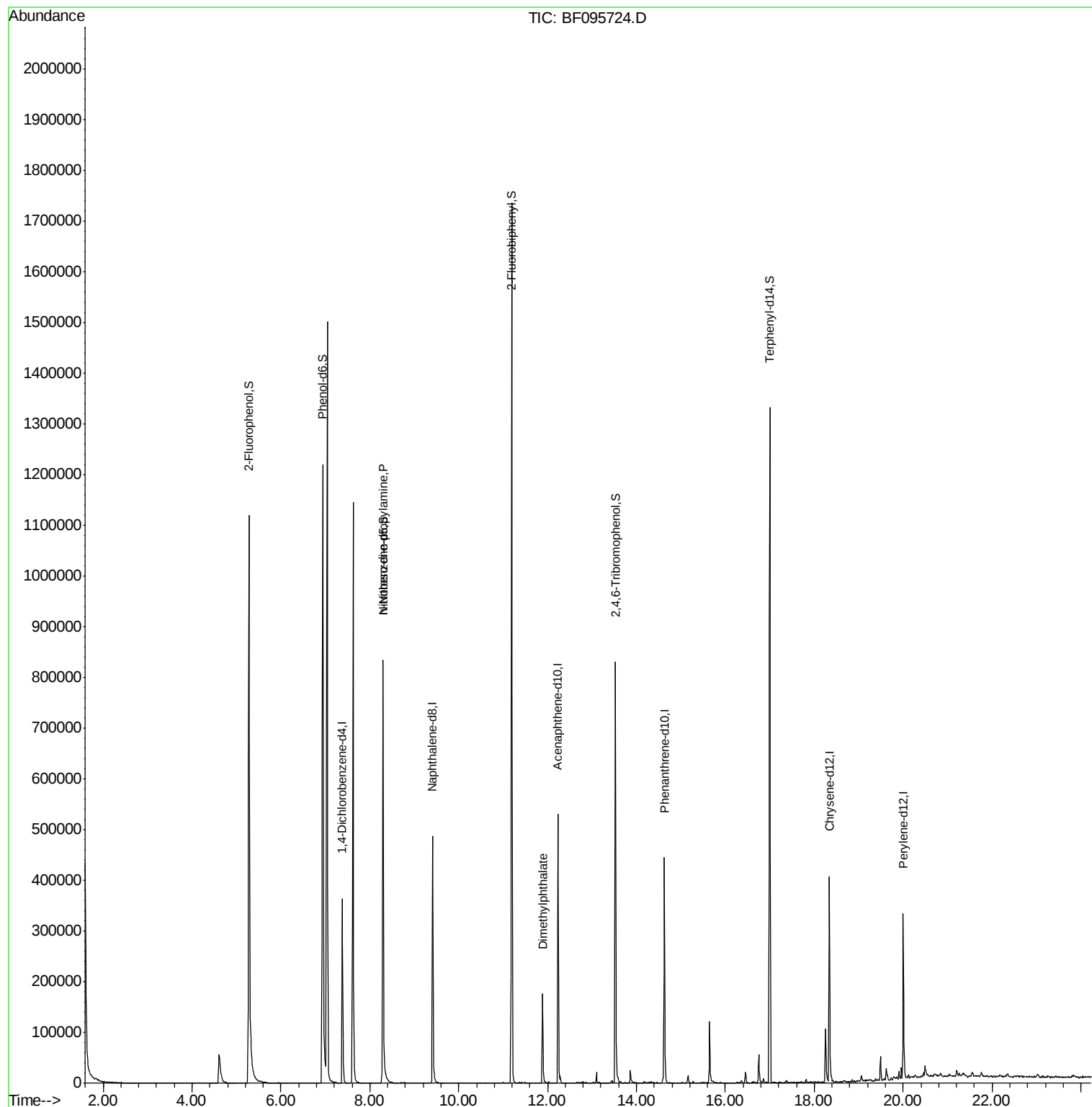
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	86344	20.00	ng	-0.02
21) Naphthalene-d8	9.41	136	343454	20.00	ng	-0.02
38) Acenaphthene-d10	12.23	164	148242	20.00	ng	-0.02
63) Phenanthrene-d10	14.63	188	246641	20.00	ng	-0.02
75) Chrysene-d12	18.34	240	165833	20.00	ng	-0.02
86) Perylene-d12	20.00	264	147076	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	600417	110.81	ng	0.00
7) Phenol-d6	6.94	99	718806	110.81	ng	-0.02
23) Nitrobenzene-d5	8.30	82	419751	75.90	ng	-0.02
41) 2,4,6-Tribromophenol	13.53	330	136265	103.89	ng	-0.02
44) 2-Fluorobiphenyl	11.20	172	809699	76.01	ng	-0.02
78) Terphenyl-d14	17.00	244	541388	81.02	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.30	70	52566	12.79	ng	Qvalue # 78
49) Dimethylphthalate	11.89	163	110765	9.84	ng	99

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

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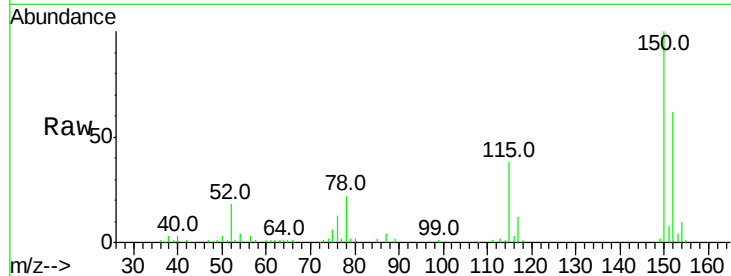


#1

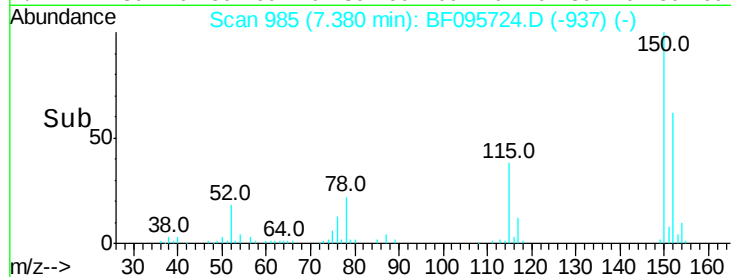
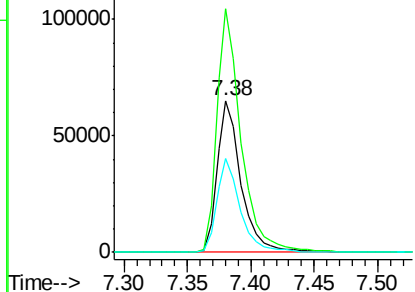
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 985
Delta R.T. -0.02 min
Lab File: BF095724.D
Acq: 6 Jun 2017 23:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 86344
Ion Ratio Lower Upper
152 100
150 160.3 126.2 189.2
115 61.6 52.2 78.2



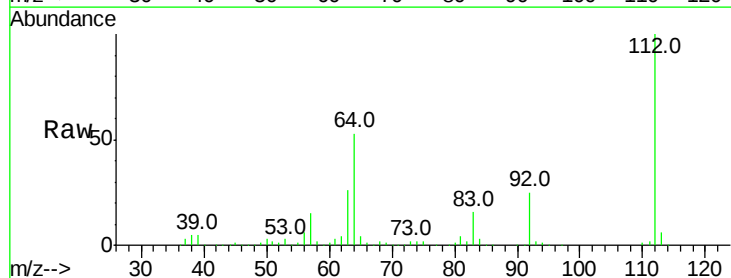
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



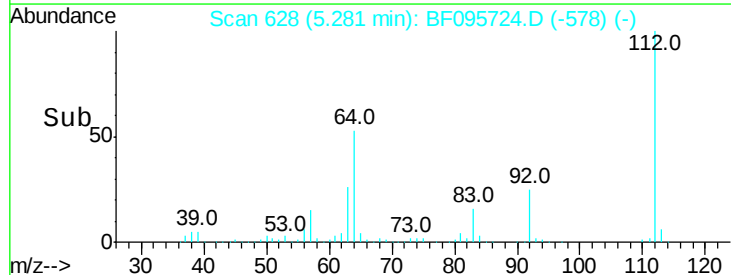
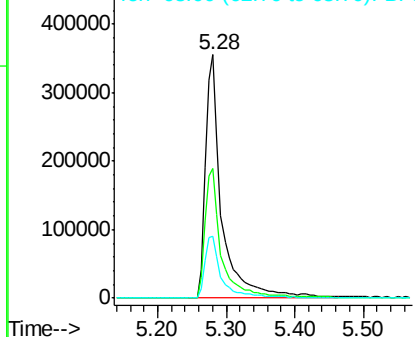
#5

2-Fluorophenol
Concen: 110.81 ng
RT: 5.28 min Scan# 628
Delta R.T. -0.01 min
Lab File: BF095724.D
Acq: 6 Jun 2017 23:12

Tgt Ion:112 Resp: 600417
Ion Ratio Lower Upper
112 100
64 53.4 46.0 69.0
63 25.6 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: 110.81 ng

RT: 6.94 min Scan# 910

Delta R.T. -0.02 min

Lab File: BF095724.D

Acq: 6 Jun 2017 23:12

Instrument :

BNA_F

ClientSampleId :

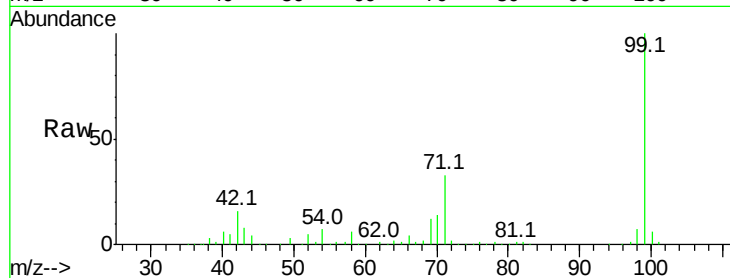
Tot Ion: 99 Resp: 718806

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

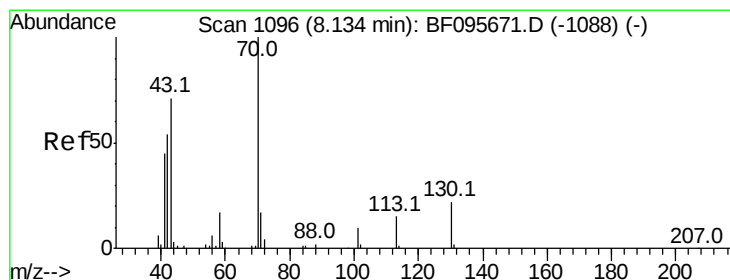
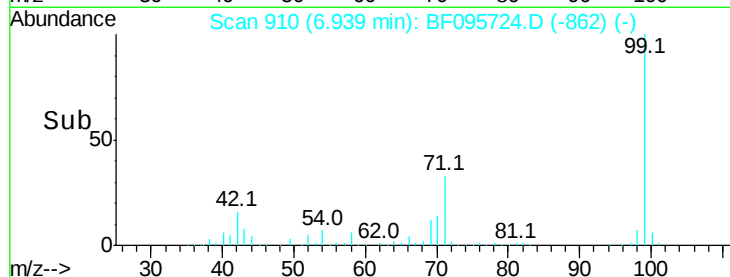
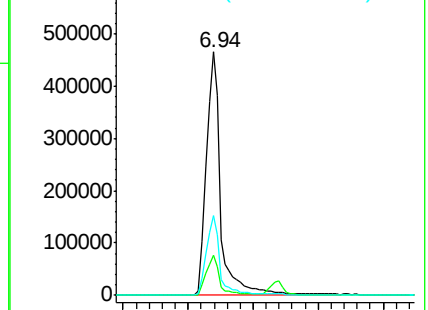
71 32.7 24.5 36.7



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: 12.79 ng

RT: 8.30 min Scan# 1141

Delta R.T. 0.16 min

Lab File: BF095724.D

Acq: 6 Jun 2017 23:12

Tgt Ion: 70 Resp: 52566

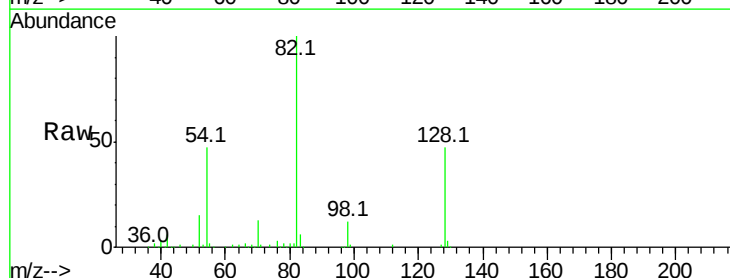
Ion Ratio Lower Upper

70 100

42 46.4 47.2 70.8#

101 0.0 7.2 10.8#

130 3.0 15.9 23.9#

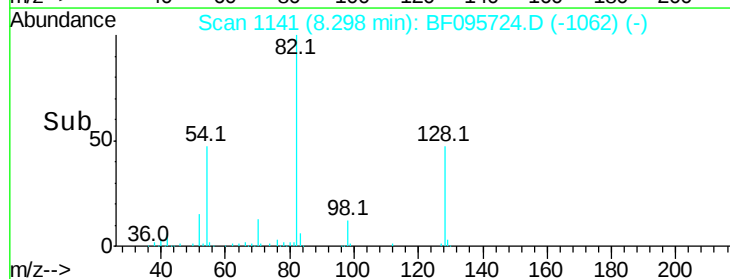
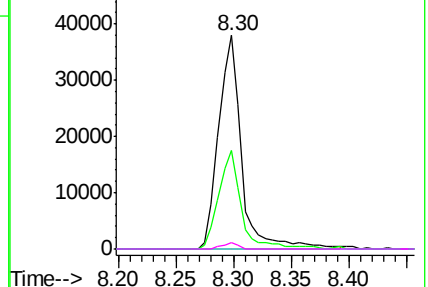


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.41 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF095724.D

Acq: 6 Jun 2017 23:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 343454

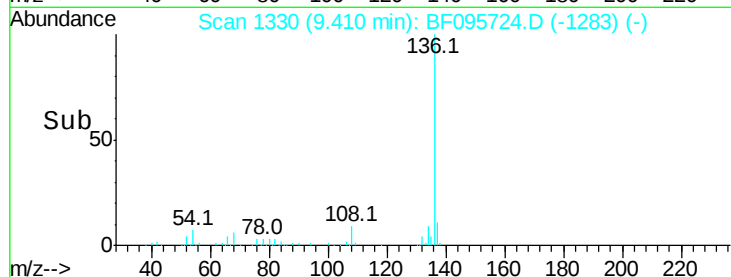
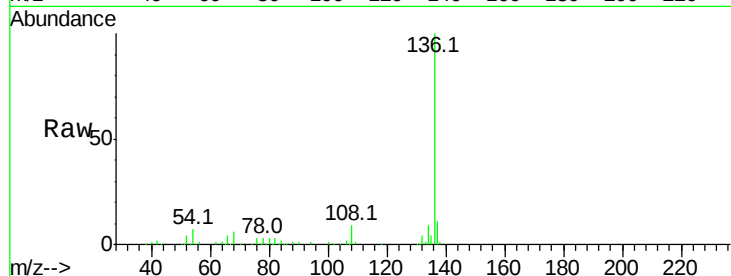
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.9 4.9 7.3

68 5.5 4.1 6.1

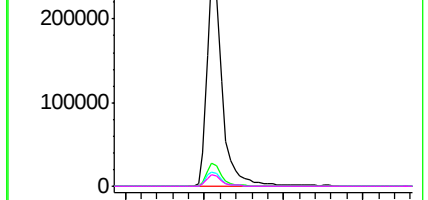


Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.90 ng

RT: 8.30 min Scan# 1141

Delta R.T. -0.02 min

Lab File: BF095724.D

Acq: 6 Jun 2017 23:12

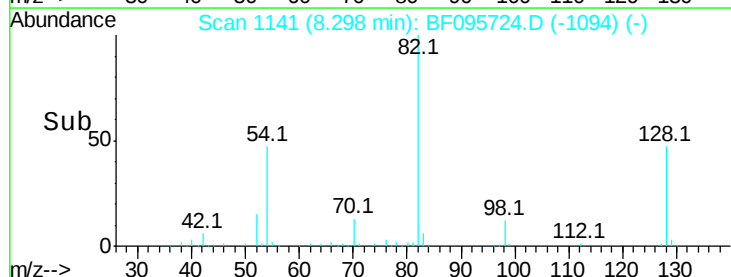
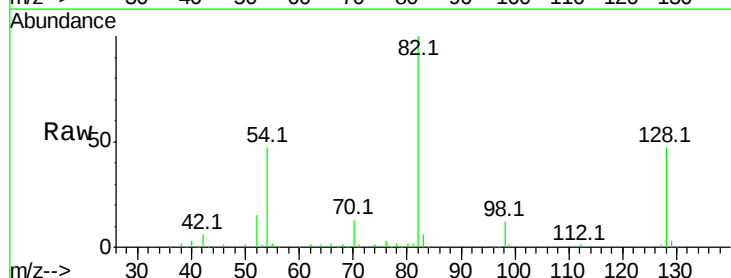
Tgt Ion: 82 Resp: 419751

Ion Ratio Lower Upper

82 100

128 47.2 34.0 51.0

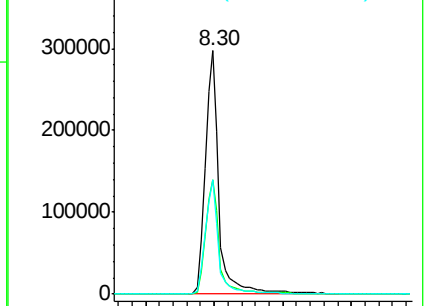
54 47.0 42.2 63.2



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

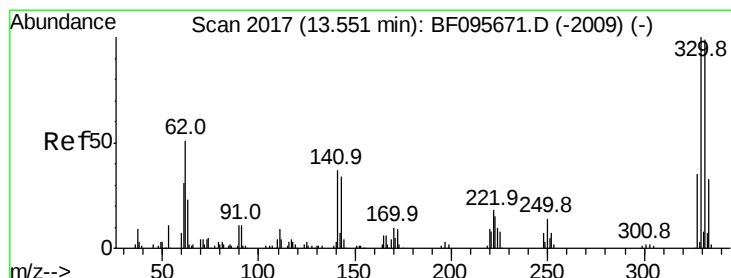
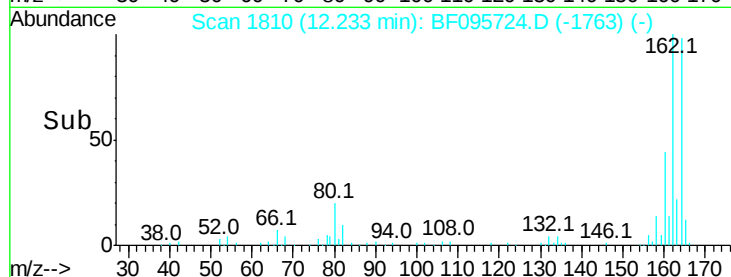
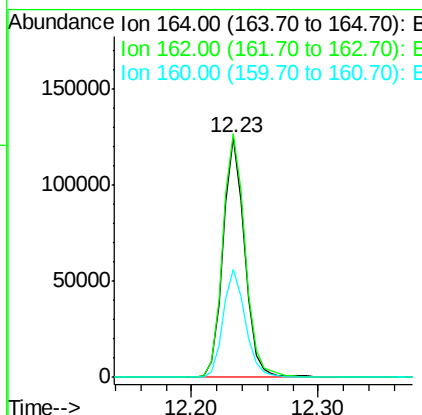
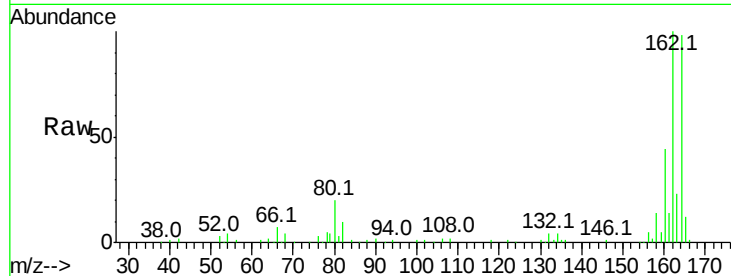




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.23 min Scan# 1810
 Delta R.T. -0.02 min
 Lab File: BF095724.D
 Acq: 6 Jun 2017 23:12

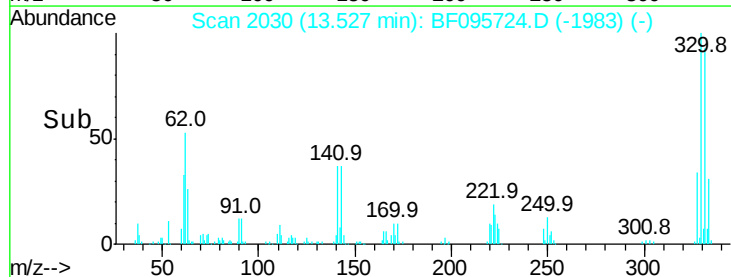
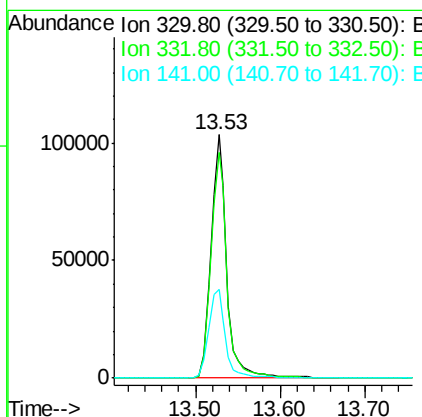
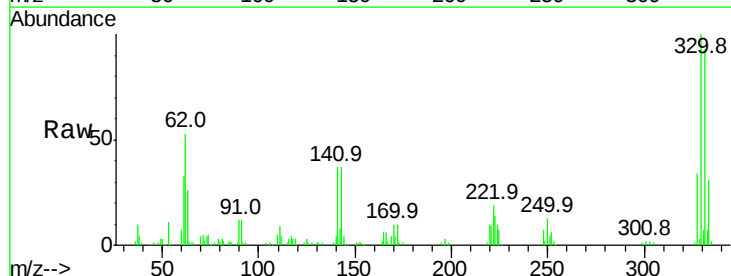
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 148242
 Ion Ratio Lower Upper
 164 100
 162 101.6 82.6 123.8
 160 45.2 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 103.89 ng
 RT: 13.53 min Scan# 2030
 Delta R.T. -0.02 min
 Lab File: BF095724.D
 Acq: 6 Jun 2017 23:12

Tgt Ion:330 Resp: 136265
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 115.0
 141 38.9 31.4 47.2

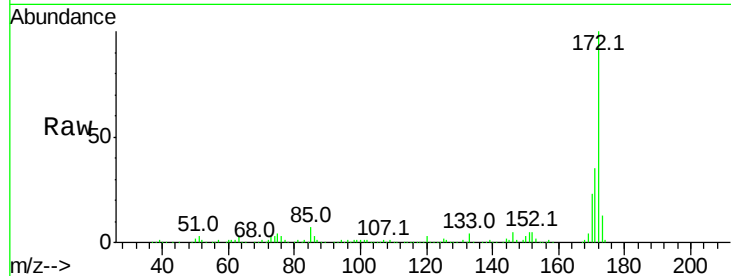




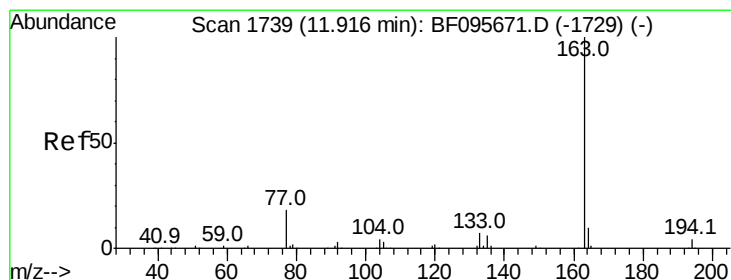
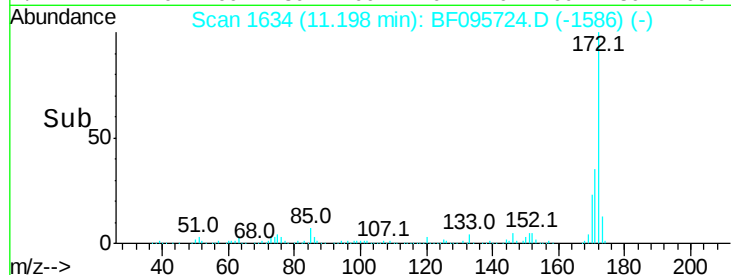
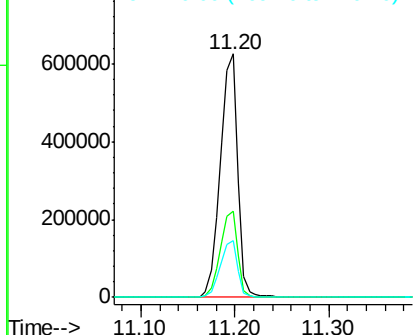
#44
2-Fluorobiphenyl
Concen: 76.01 ng
RT: 11.20 min Scan# 1634
Delta R.T. -0.02 min
Lab File: BF095724.D
Acq: 6 Jun 2017 23:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 809699
Ion Ratio Lower Upper
172 100
171 35.5 29.6 44.4
170 23.3 19.8 29.8

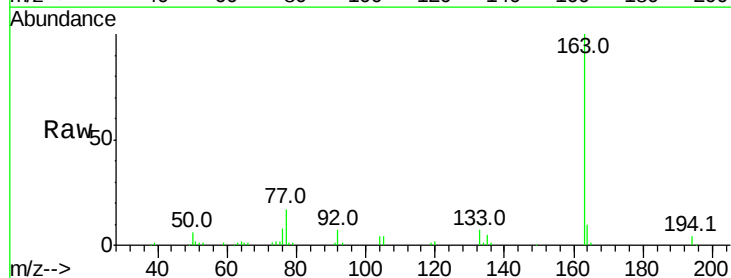


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

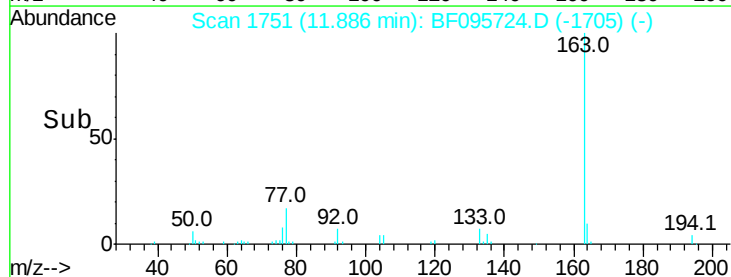
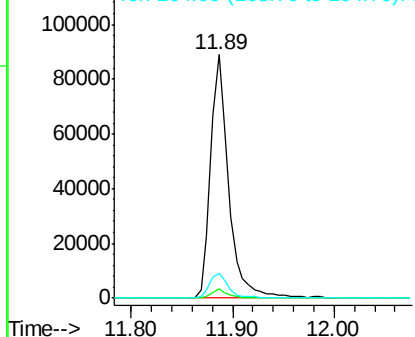


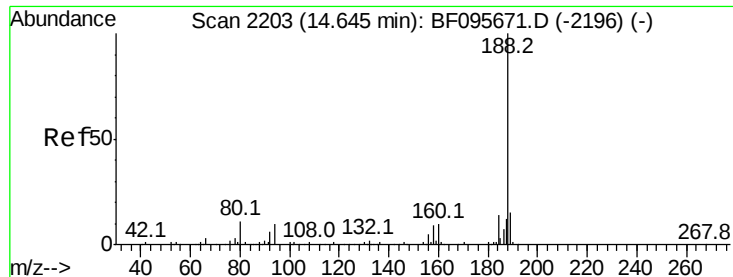
#49
Dimethylphthalate
Concen: 9.84 ng
RT: 11.89 min Scan# 1751
Delta R.T. -0.03 min
Lab File: BF095724.D
Acq: 6 Jun 2017 23:12

Tgt Ion:163 Resp: 110765
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 10.0 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

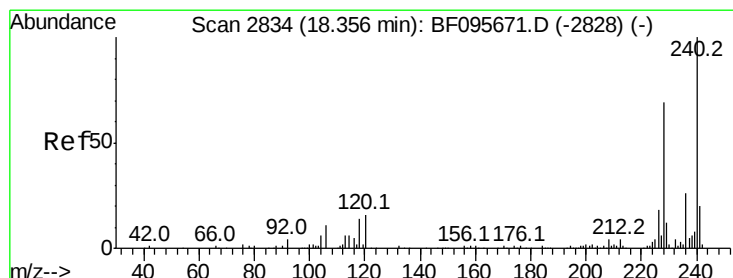
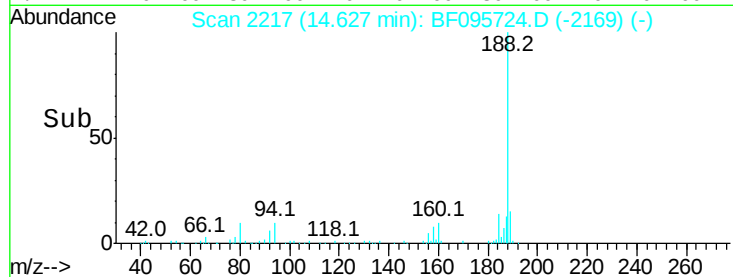
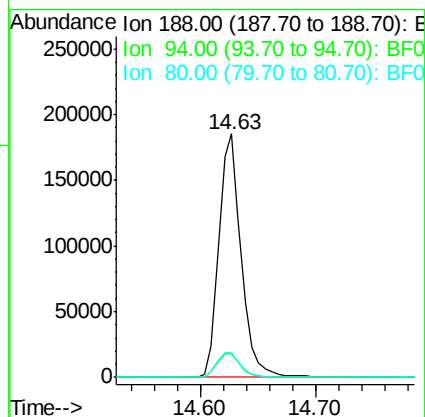
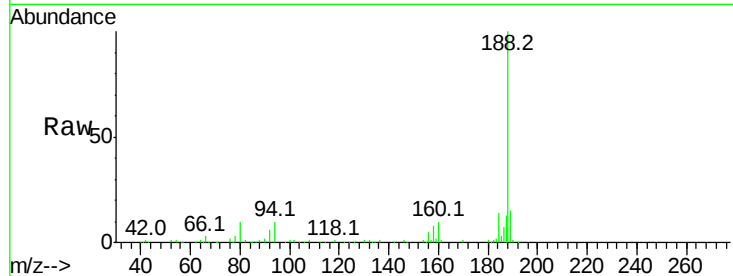




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2217
Delta R.T. -0.02 min
Lab File: BF095724.D
Acq: 6 Jun 2017 23:12

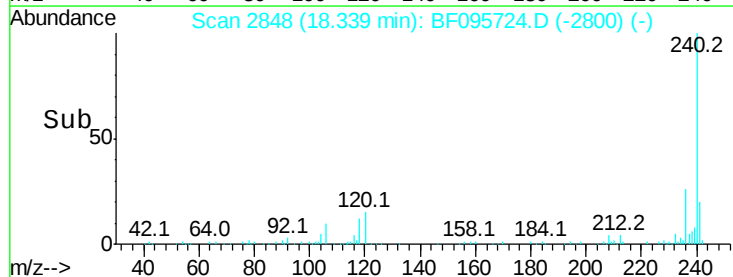
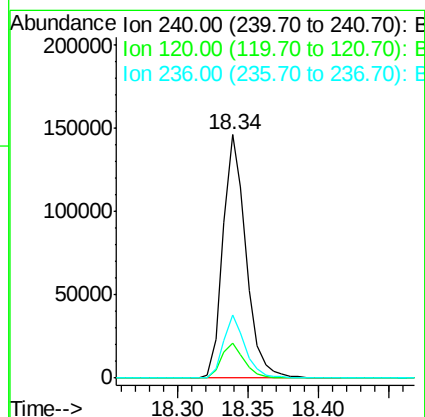
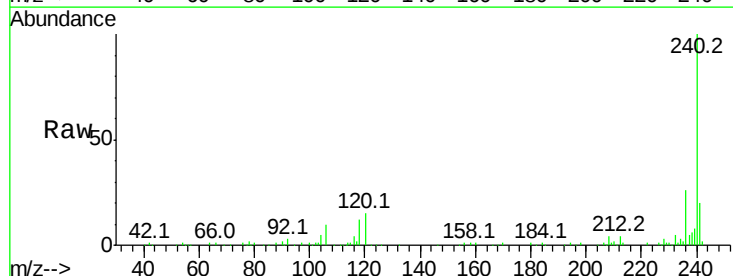
Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 246641
Ion Ratio Lower Upper
188 100
94 9.6 9.4 14.2
80 10.0 10.2 15.2#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.34 min Scan# 2848
Delta R.T. -0.02 min
Lab File: BF095724.D
Acq: 6 Jun 2017 23:12

Tgt Ion:240 Resp: 165833
Ion Ratio Lower Upper
240 100
120 14.6 5.8 8.8#
236 25.8 20.5 30.7

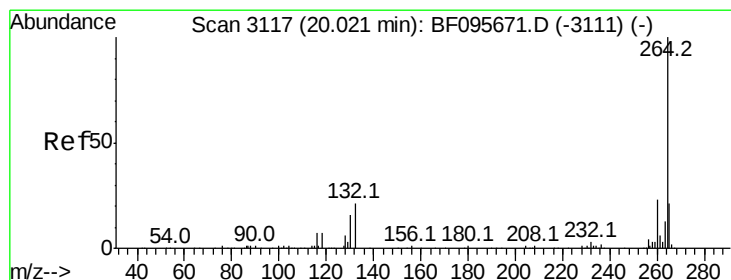
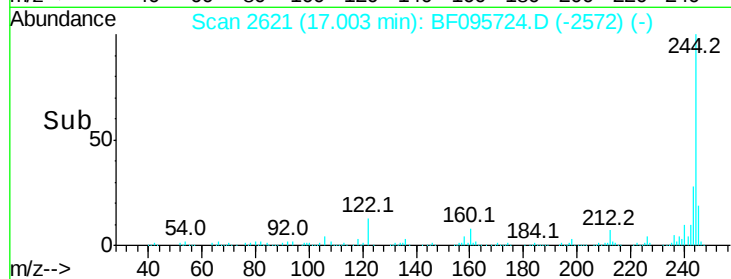
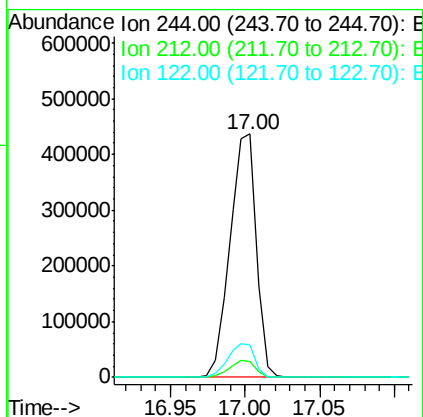
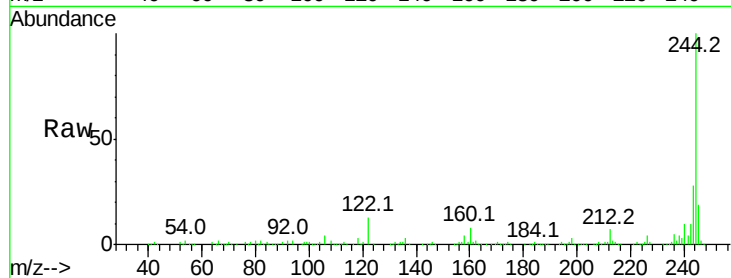




#78
 Terphenyl-d14
 Concen: 81.02 ng
 RT: 17.00 min Scan# 2621
 Delta R.T. -0.01 min
 Lab File: BF095724.D
 Acq: 6 Jun 2017 23:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 541388
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 13.5 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.00 min Scan# 3131
 Delta R.T. -0.02 min
 Lab File: BF095724.D
 Acq: 6 Jun 2017 23:12

Tgt Ion:264 Resp: 147076
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.5 29.3
 265 21.7 17.2 25.8

