

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
 Data File : BF095961.D
 Acq On : 16 Jun 2017 18:09
 Operator : SJ/MA
 Sample : PB99832BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 16 23:03:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

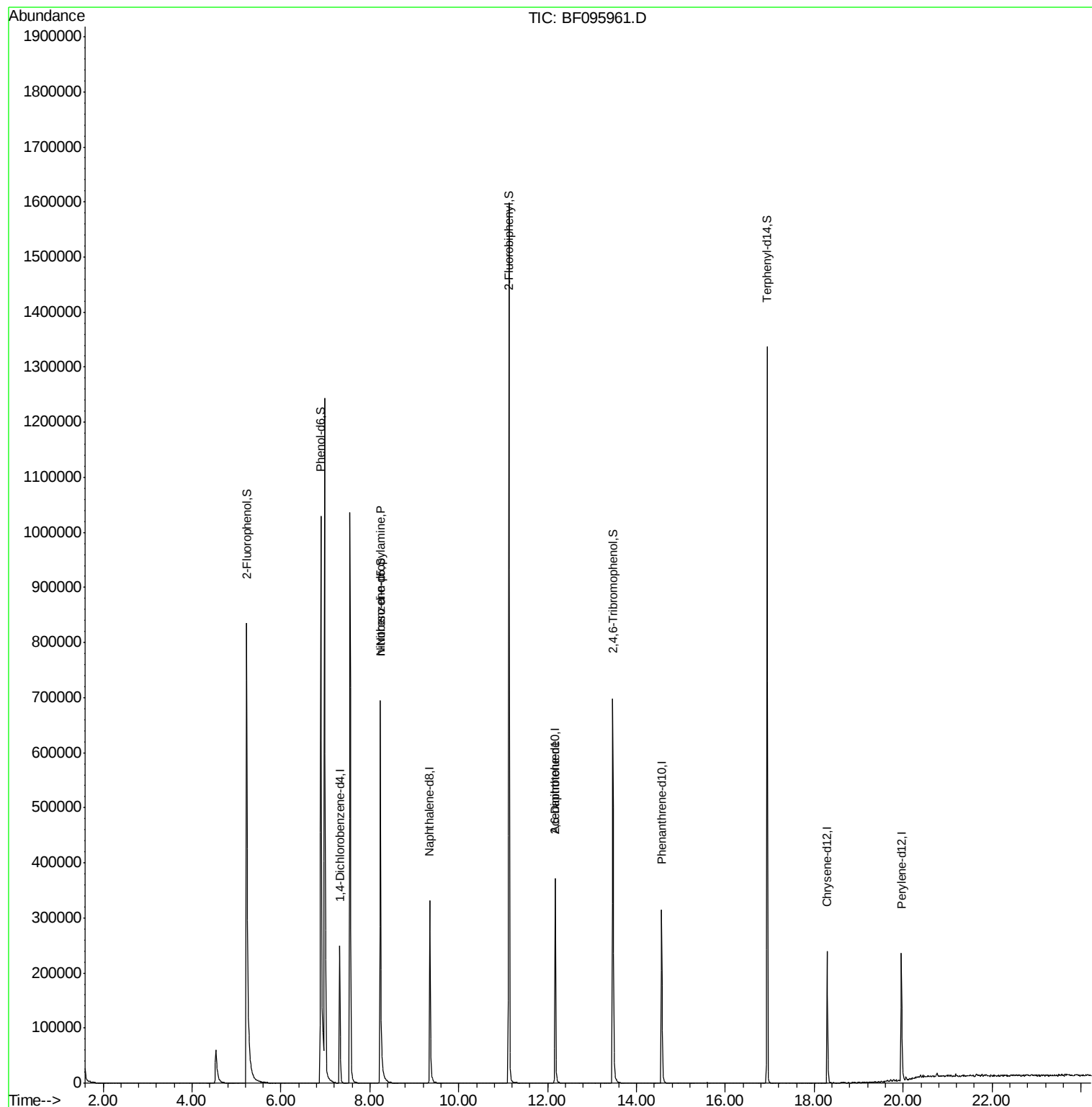
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	61071	20.00	ng	0.00
21) Naphthalene-d8	9.35	136	253610	20.00	ng	0.00
38) Acenaphthene-d10	12.17	164	113380	20.00	ng	-0.01
63) Phenanthrene-d10	14.56	188	194673	20.00	ng	0.00
75) Chrysene-d12	18.29	240	122497	20.00	ng	0.00
86) Perylene-d12	19.96	264	117586	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	535777	139.79	ng	0.01
7) Phenol-d6	6.90	99	642030	139.93	ng	-0.01
23) Nitrobenzene-d5	8.24	82	371672	91.02	ng	-0.01
41) 2,4,6-Tribromophenol	13.47	330	125842	125.45	ng	-0.01
44) 2-Fluorobiphenyl	11.13	172	740174	90.85	ng	0.00
78) Terphenyl-d14	16.94	244	513359	104.00	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.24	70	45424	15.62	ng	# 78
50) 2,6-Dinitrotoluene	12.17	165	14326	7.63	ng	# 31

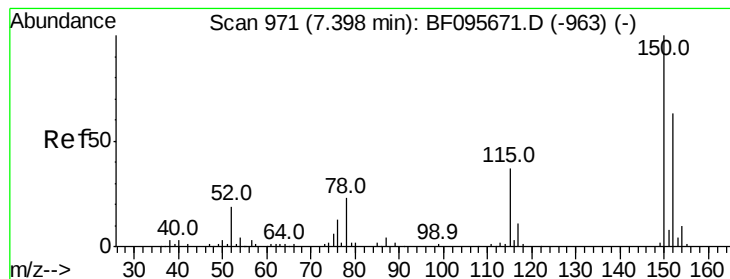
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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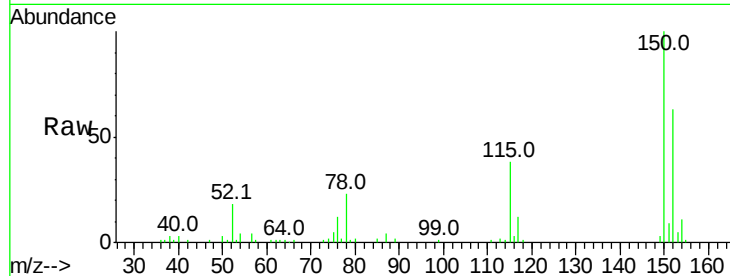


#1

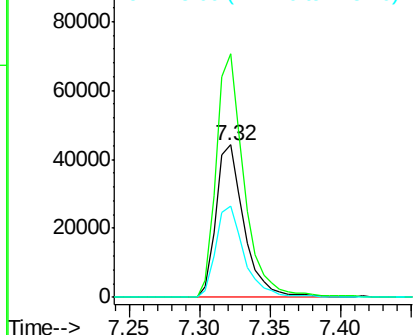
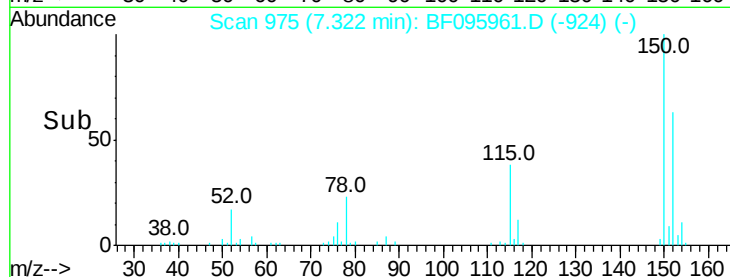
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF095961.D
Acq: 16 Jun 2017 18:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 61071
Ion Ratio Lower Upper
152 100
150 159.9 126.2 189.2
115 60.4 52.2 78.2



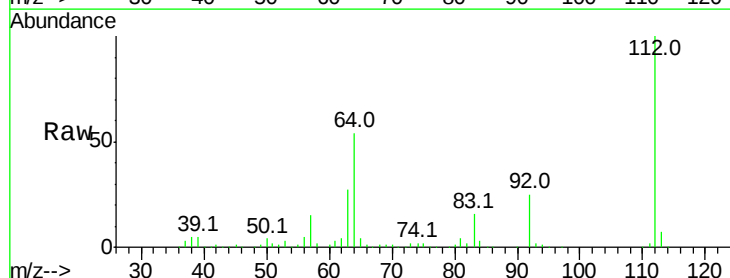
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



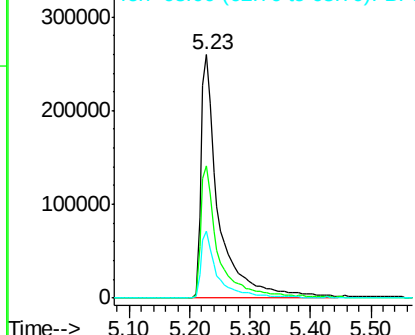
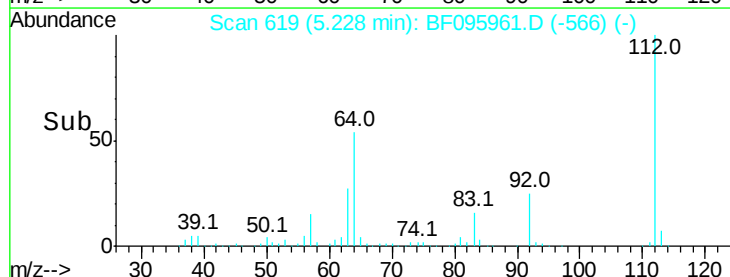
#5

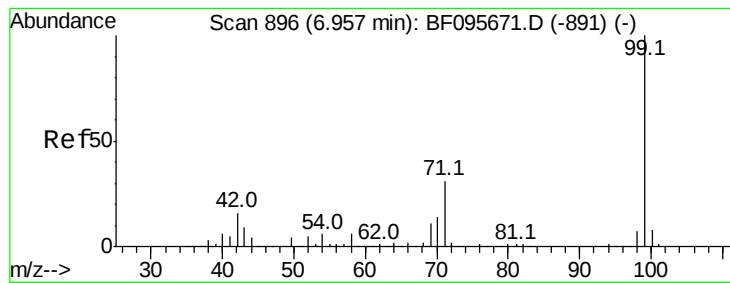
2-Fluorophenol
Concen: 139.79 ng
RT: 5.23 min Scan# 619
Delta R.T. 0.01 min
Lab File: BF095961.D
Acq: 16 Jun 2017 18:09

Tgt Ion:112 Resp: 535777
Ion Ratio Lower Upper
112 100
64 54.4 46.0 69.0
63 27.3 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: 139.93 ng

RT: 6.90 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF095961.D

Acq: 16 Jun 2017 18:09

Instrument :

BNA_F

ClientSampled :

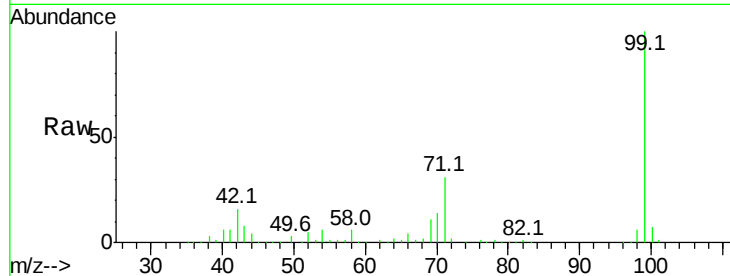
Tot Ion: 99 Resp: 642030

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

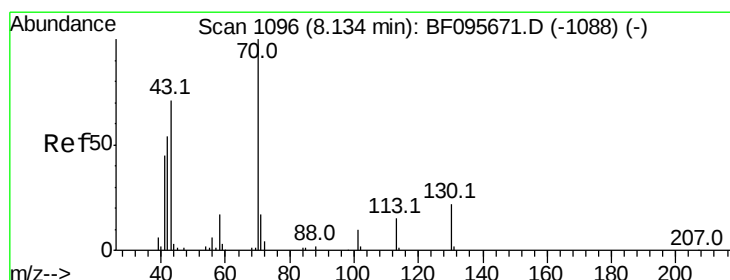
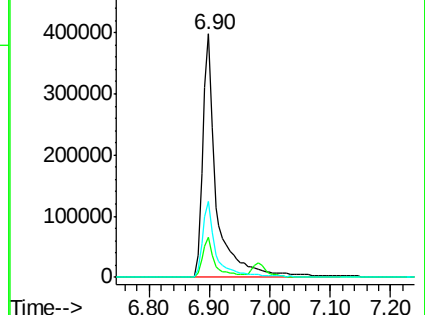
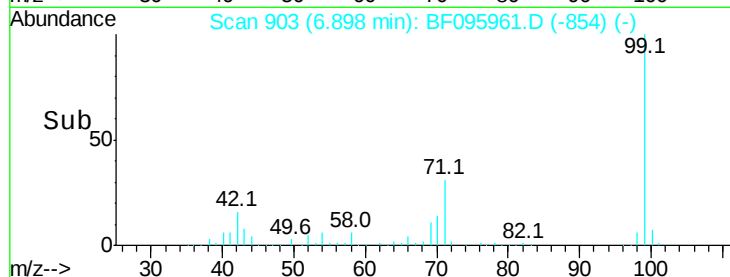
71 31.2 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.62 ng

RT: 8.24 min Scan# 1131

Delta R.T. 0.17 min

Lab File: BF095961.D

Acq: 16 Jun 2017 18:09

Tgt Ion: 70 Resp: 45424

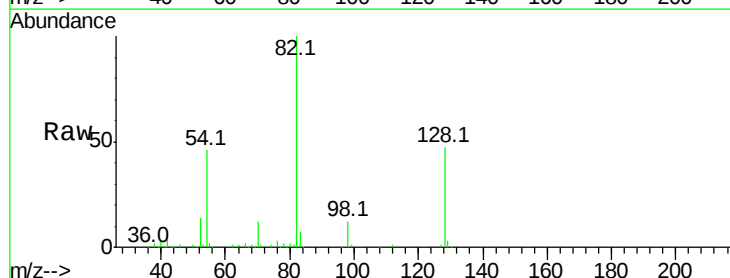
Ion Ratio Lower Upper

70 100

42 46.9 47.2 70.8#

101 0.0 7.2 10.8#

130 1.8 15.9 23.9#

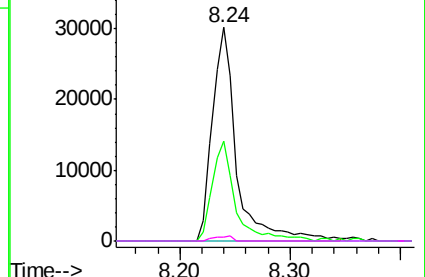
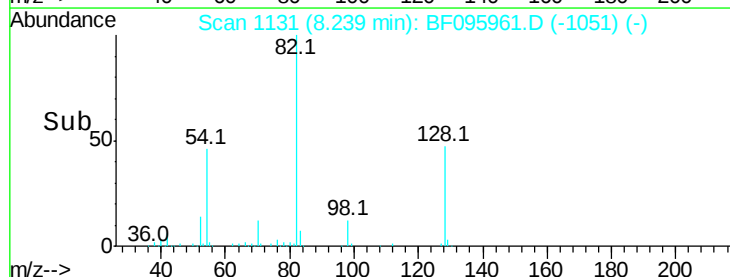


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.35 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF095961.D

Acq: 16 Jun 2017 18:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 253610

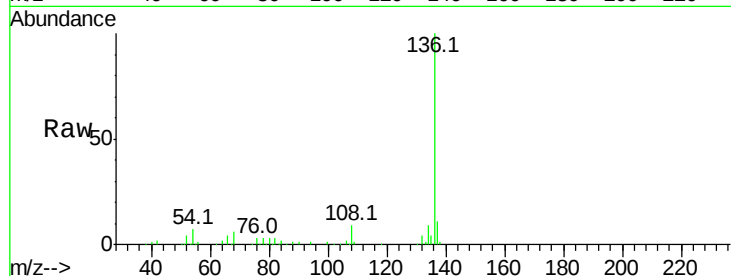
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.8 4.9 7.3

68 5.5 4.1 6.1

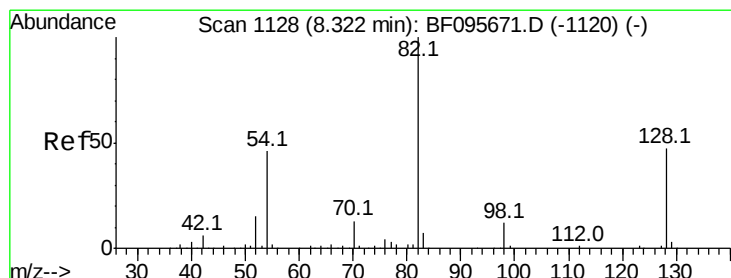
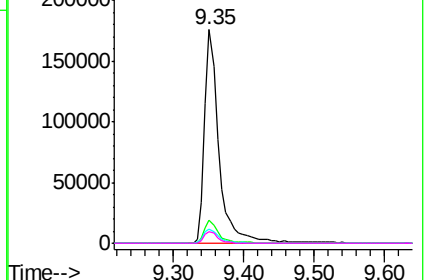
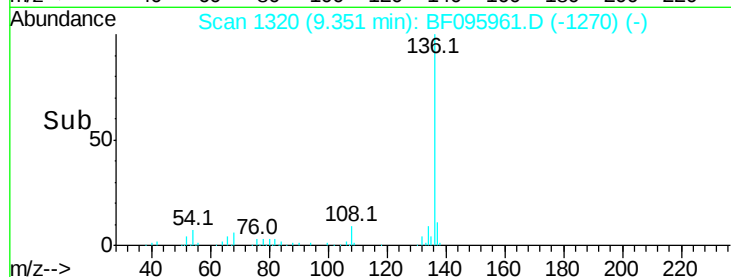


Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.02 ng

RT: 8.24 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BF095961.D

Acq: 16 Jun 2017 18:09

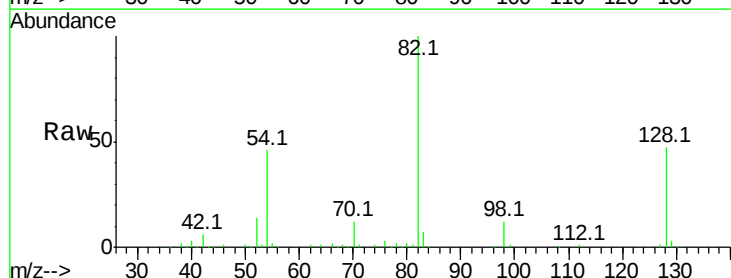
Tgt Ion: 82 Resp: 371672

Ion Ratio Lower Upper

82 100

128 46.7 34.0 51.0

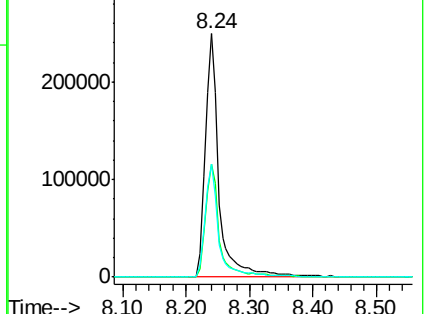
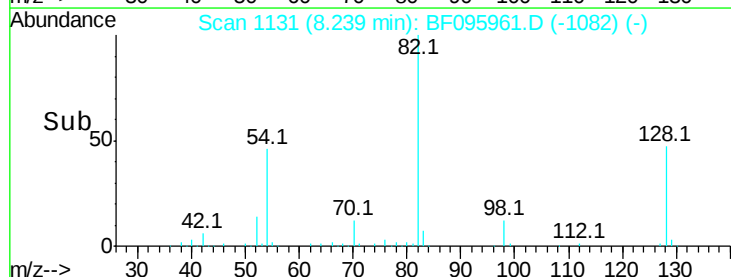
54 46.4 42.2 63.2



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

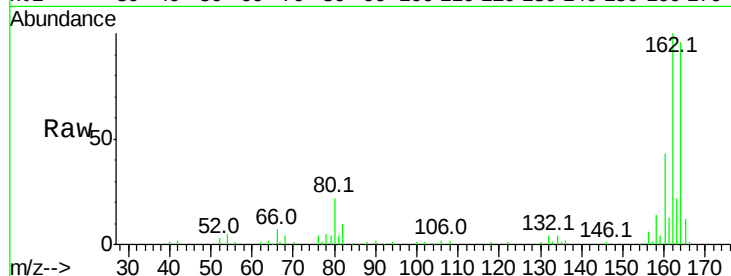




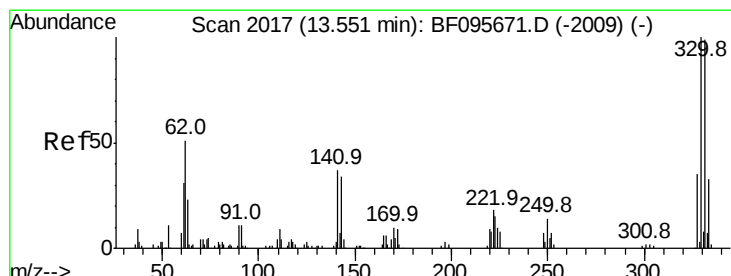
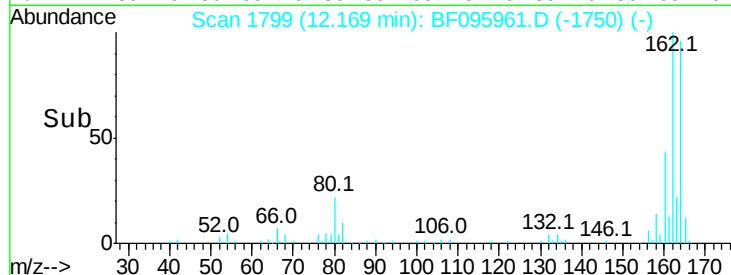
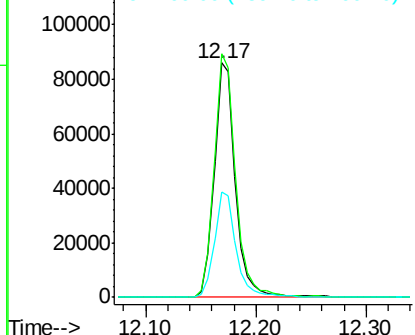
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.17 min Scan# 1799
 Delta R.T. -0.01 min
 Lab File: BF095961.D
 Acq: 16 Jun 2017 18:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 113380
 Ion Ratio Lower Upper
 164 100
 162 103.9 82.6 123.8
 160 44.9 36.2 54.2

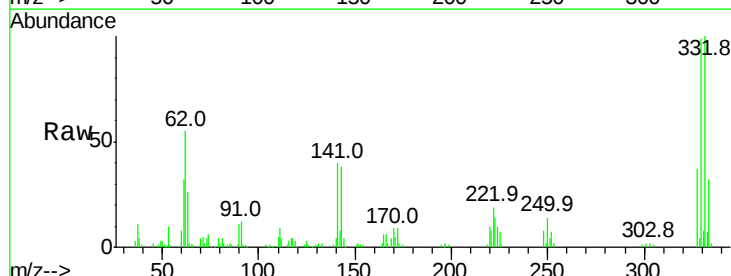


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

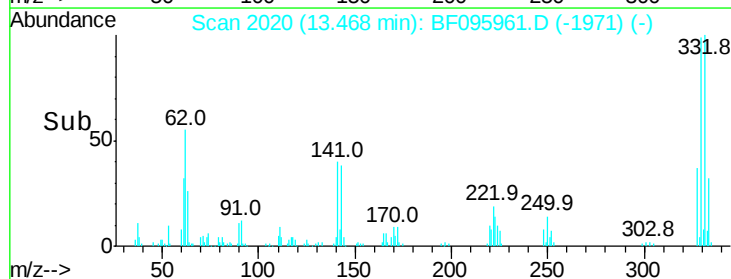
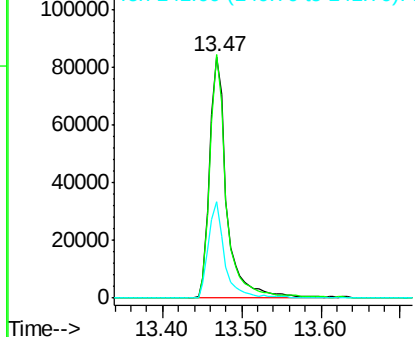


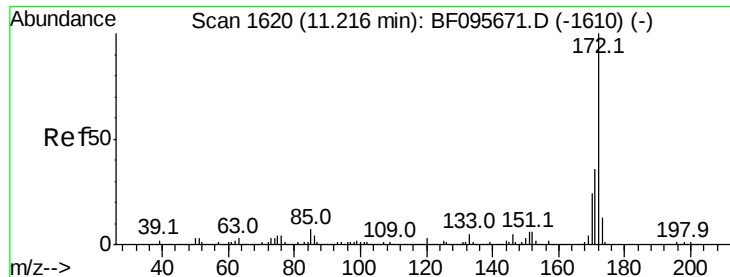
#41
 2,4,6-Tribromophenol
 Concen: 125.45 ng
 RT: 13.47 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF095961.D
 Acq: 16 Jun 2017 18:09

Tgt Ion:330 Resp: 125842
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 115.0
 141 37.6 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

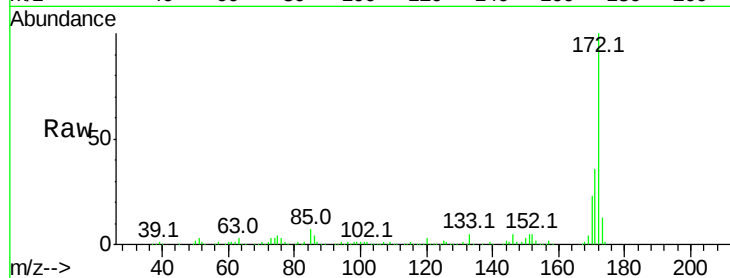




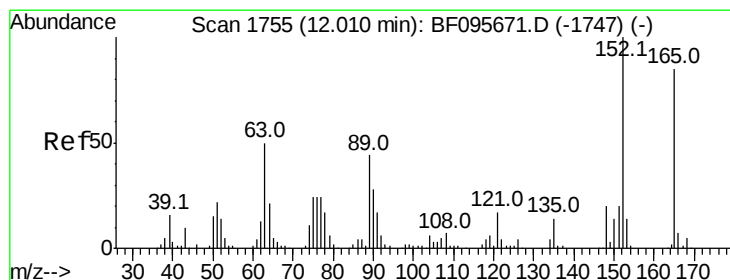
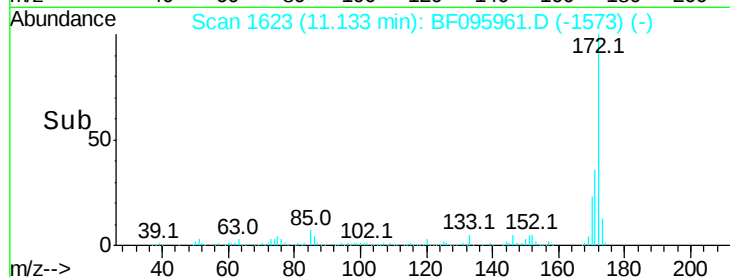
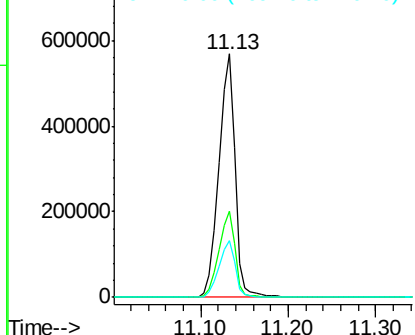
#44
2-Fluorobiphenyl
Concen: 90.85 ng
RT: 11.13 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BF095961.D
Acq: 16 Jun 2017 18:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 740174
Ion Ratio Lower Upper
172 100
171 35.6 29.6 44.4
170 23.1 19.8 29.8

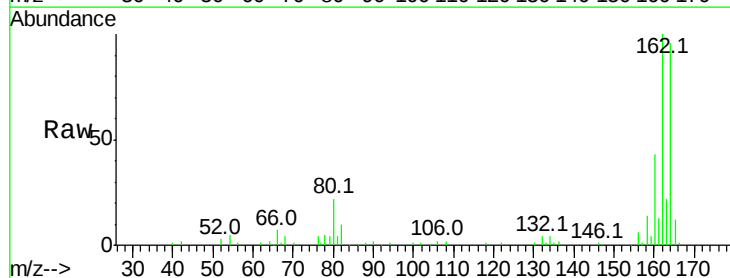


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

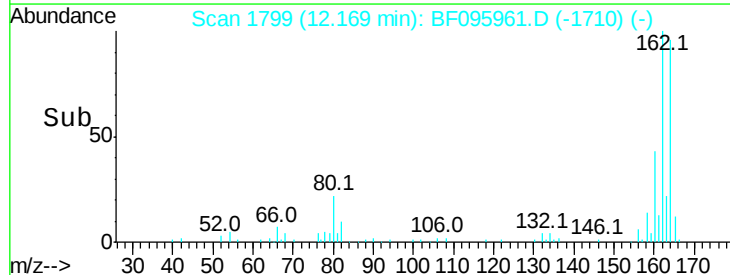
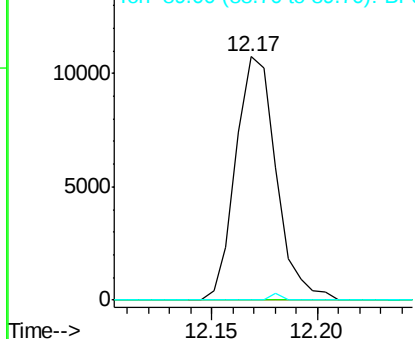


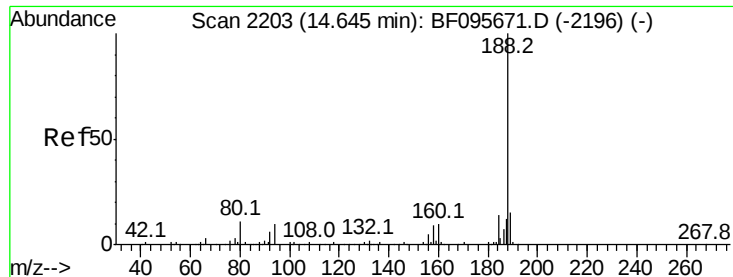
#50
2,6-Dinitrotoluene
Concen: 7.63 ng
RT: 12.17 min Scan# 1799
Delta R.T. 0.22 min
Lab File: BF095961.D
Acq: 16 Jun 2017 18:09

Tgt Ion:165 Resp: 14326
Ion Ratio Lower Upper
165 100
63 0.0 34.3 51.5#
89 0.0 37.1 55.7#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

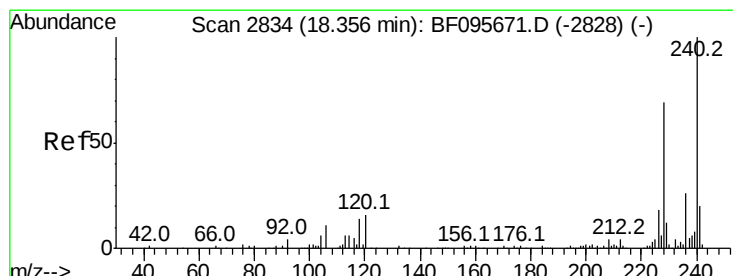
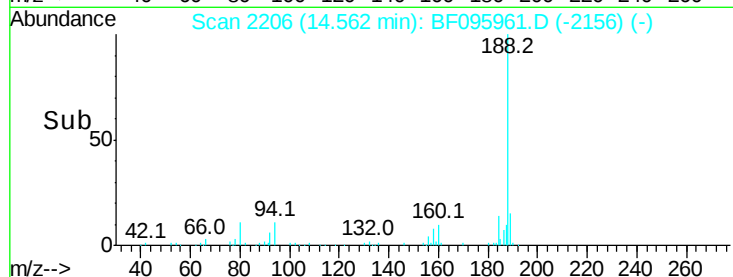
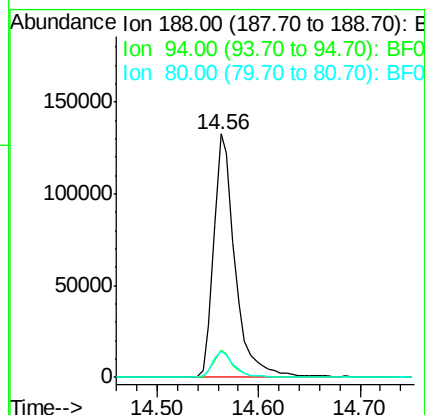
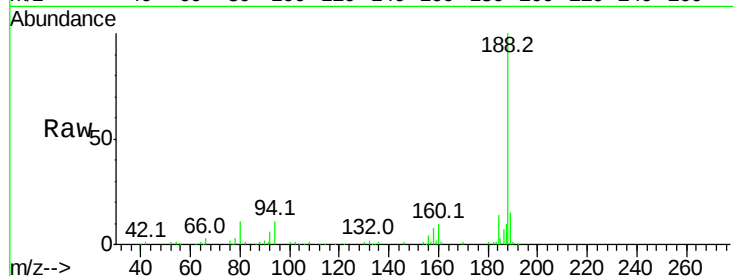




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.56 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF095961.D
Acq: 16 Jun 2017 18:09

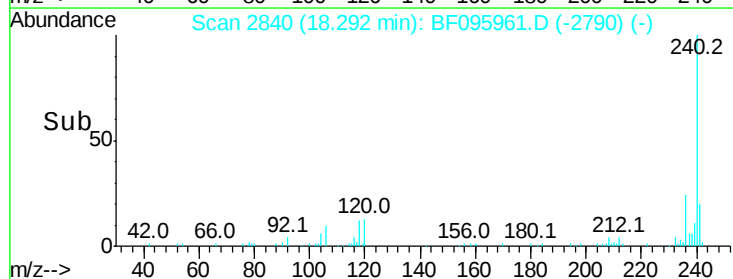
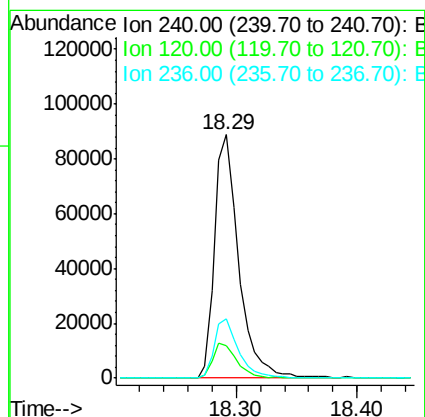
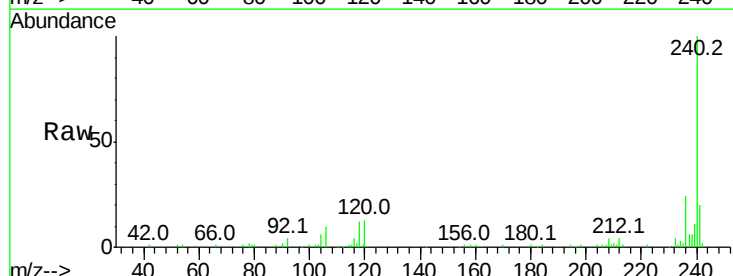
Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 194673
Ion Ratio Lower Upper
188 100
94 11.1 9.4 14.2
80 10.6 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.29 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BF095961.D
Acq: 16 Jun 2017 18:09

Tgt Ion:240 Resp: 122497
Ion Ratio Lower Upper
240 100
120 13.3 5.8 8.8#
236 24.3 20.5 30.7

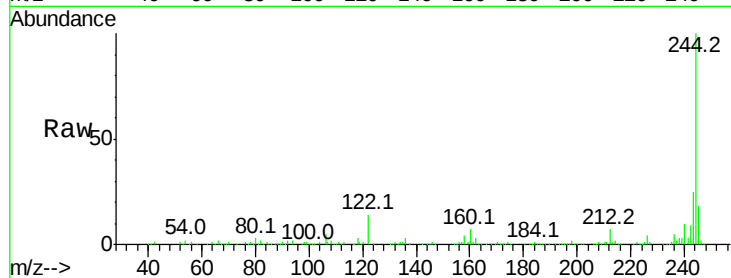




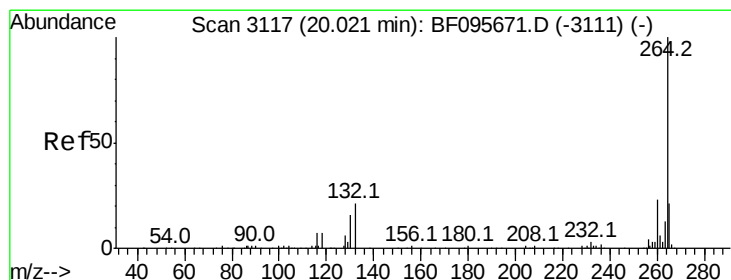
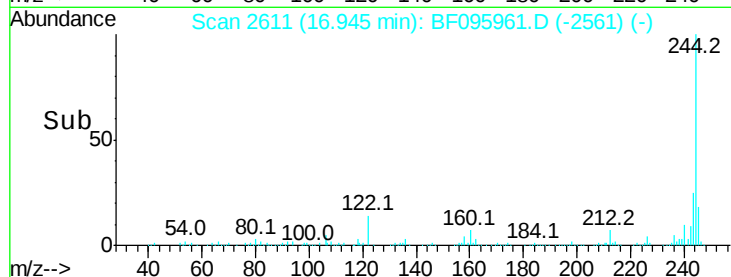
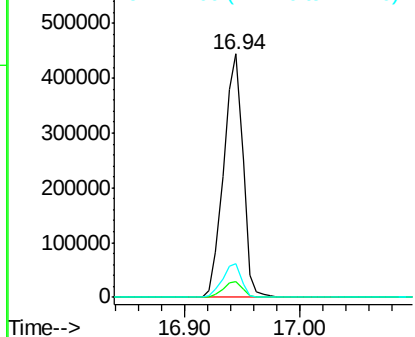
#78
 Terphenyl-d14
 Concen: 104.00 ng
 RT: 16.94 min Scan# 2611
 Delta R.T. -0.01 min
 Lab File: BF095961.D
 Acq: 16 Jun 2017 18:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 513359
 Ion Ratio Lower Upper
 244 100
 212 6.5 6.0 9.0
 122 13.9 10.3 15.5

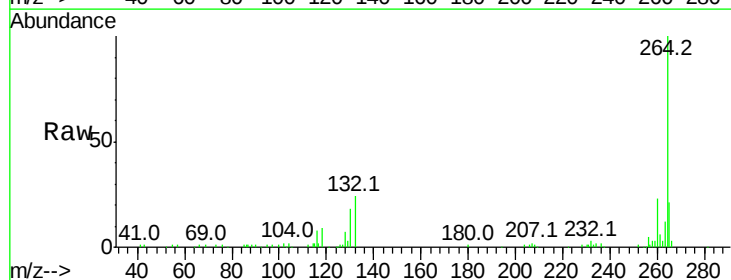


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.96 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF095961.D
 Acq: 16 Jun 2017 18:09

Tgt Ion:264 Resp: 117586
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.5 29.3
 265 20.9 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

