

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060517\
 Data File : BF095694.D
 Acq On : 6 Jun 2017 2:26
 Operator : SJ/MA
 Sample : I3438-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 06 03:00:03 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

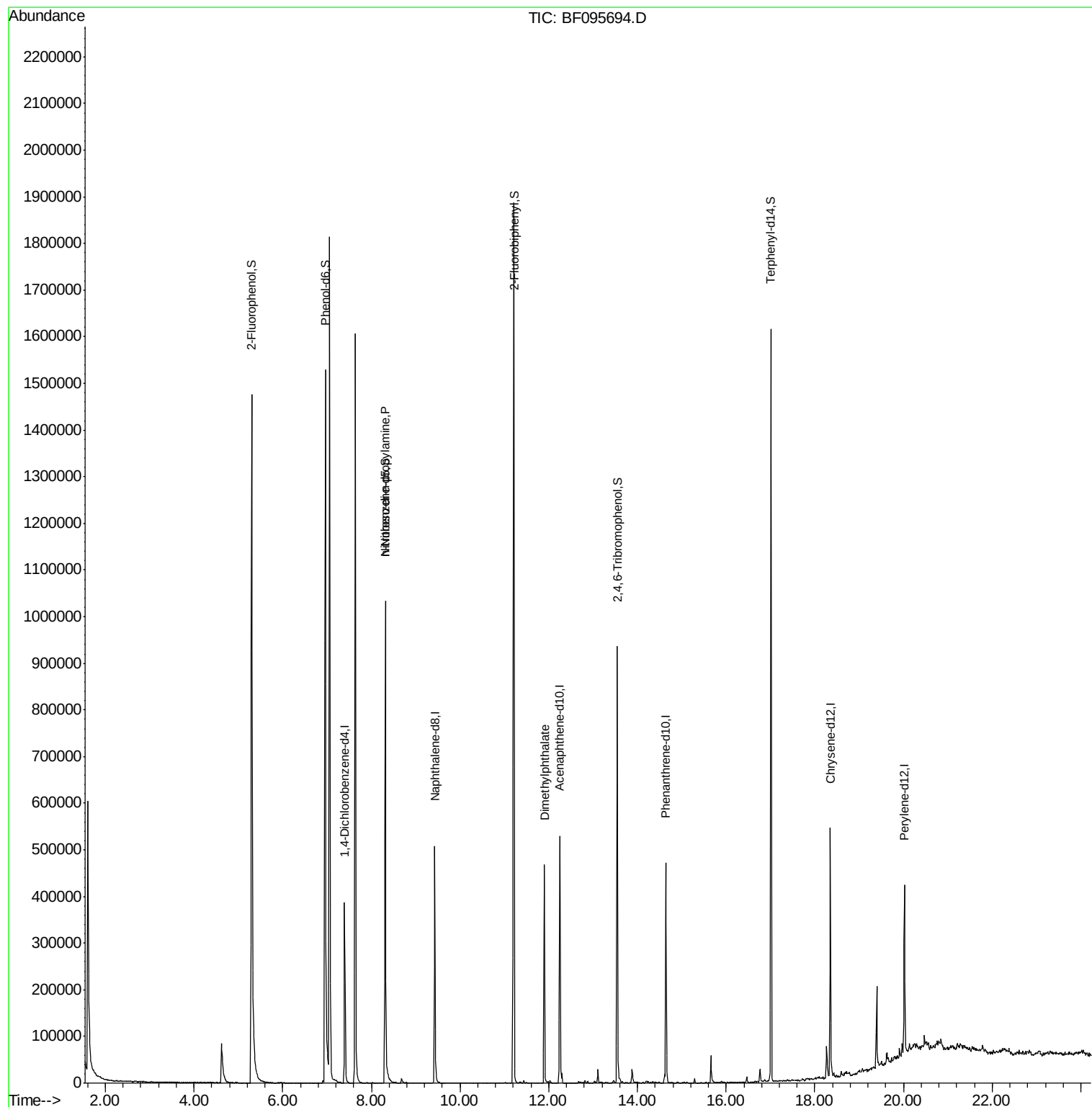
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	95380	20.00	ng	0.00
21) Naphthalene-d8	9.43	136	350396	20.00	ng	0.00
38) Acenaphthene-d10	12.25	164	149267	20.00	ng	0.00
63) Phenanthrene-d10	14.64	188	239809	20.00	ng	0.00
75) Chrysene-d12	18.35	240	220826	20.00	ng	0.00
86) Perylene-d12	20.02	264	146516	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	803378	134.22	ng	0.02
7) Phenol-d6	6.96	99	887743	123.88	ng	0.00
23) Nitrobenzene-d5	8.31	82	509324	90.27	ng	0.00
41) 2,4,6-Tribromophenol	13.55	330	148248	112.25	ng	0.00
44) 2-Fluorobiphenyl	11.21	172	891588	83.12	ng	0.00
78) Terphenyl-d14	17.01	244	622470	69.96	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.31	70	64985	14.31	ng	Qvalue # 74
49) Dimethylphthalate	11.90	163	274266	24.20	ng	98

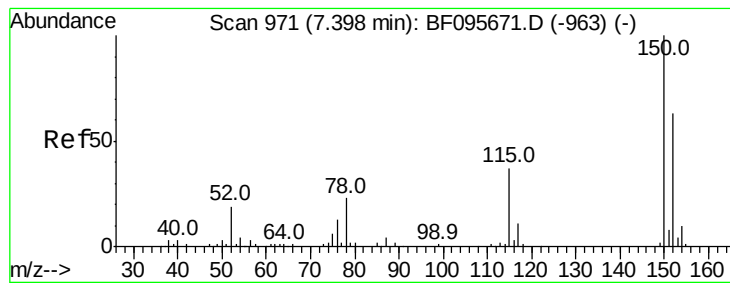
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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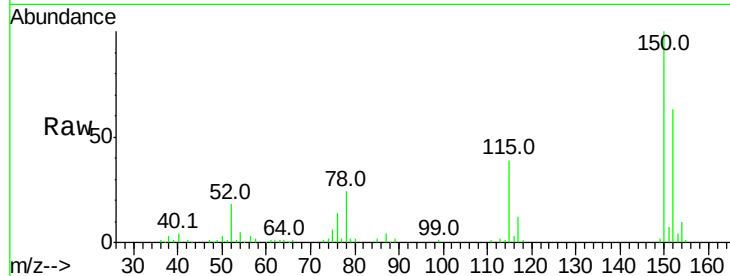


#1

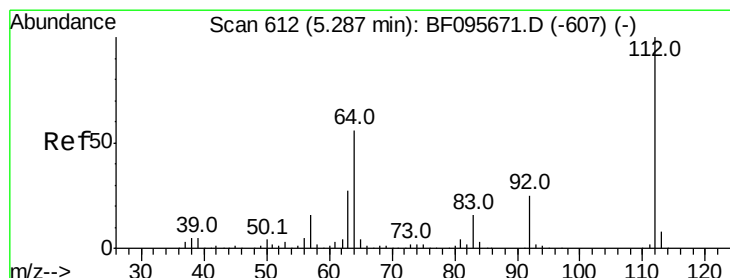
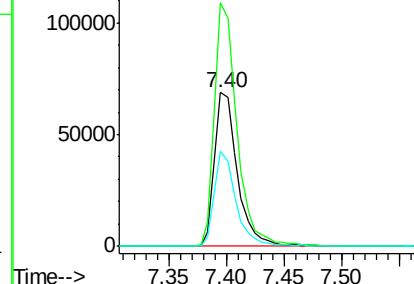
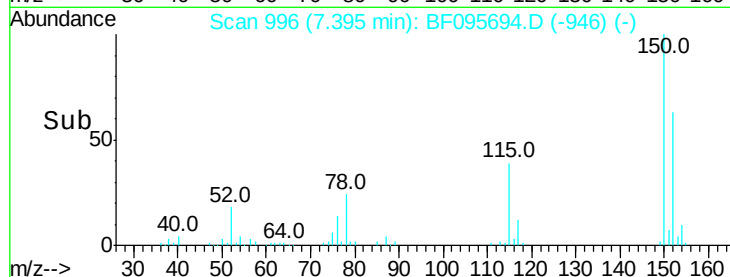
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.40 min Scan# 996
Delta R.T. -0.00 min
Lab File: BF095694.D
Acq: 6 Jun 2017 2:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 95380
Ion Ratio Lower Upper
152 100
150 158.3 126.2 189.2
115 61.9 52.2 78.2



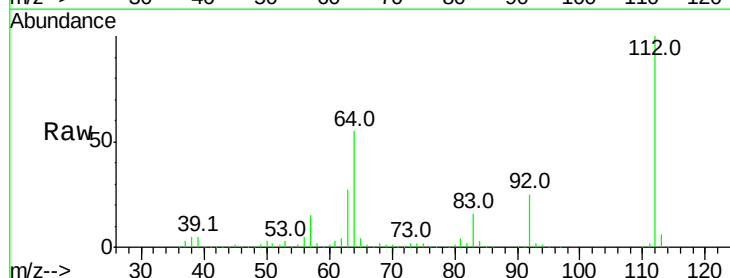
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



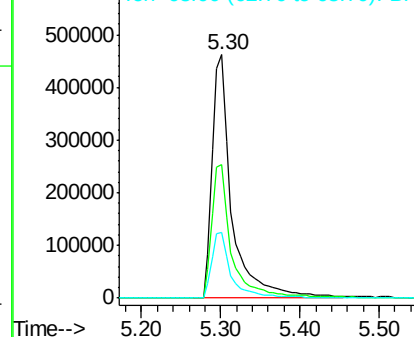
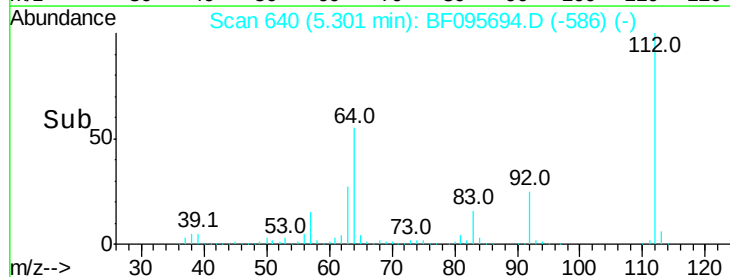
#5

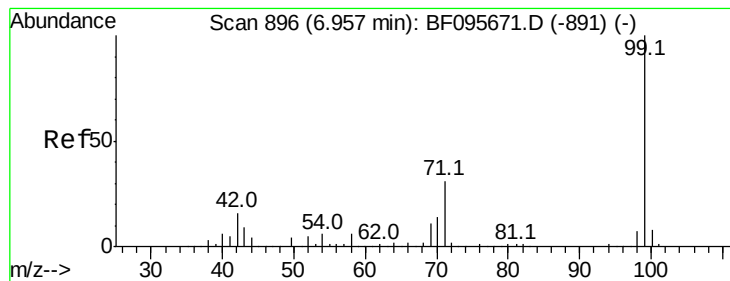
2-Fluorophenol
Concen: 134.22 ng
RT: 5.30 min Scan# 640
Delta R.T. 0.02 min
Lab File: BF095694.D
Acq: 6 Jun 2017 2:26

Tgt Ion:112 Resp: 803378
Ion Ratio Lower Upper
112 100
64 54.6 46.0 69.0
63 26.9 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: 123.88 ng

RT: 6.96 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF095694.D

Acq: 6 Jun 2017 2:26

Instrument :

BNA_F

ClientSampled :

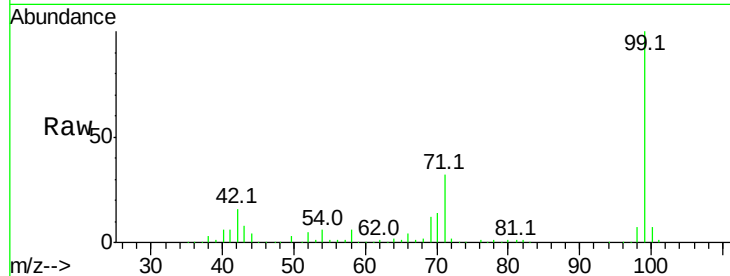
Tot Ion: 99 Resp: 887743

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

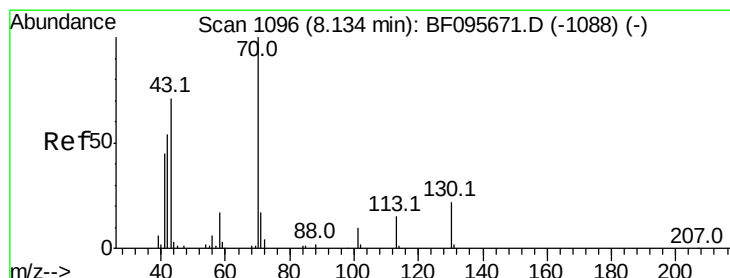
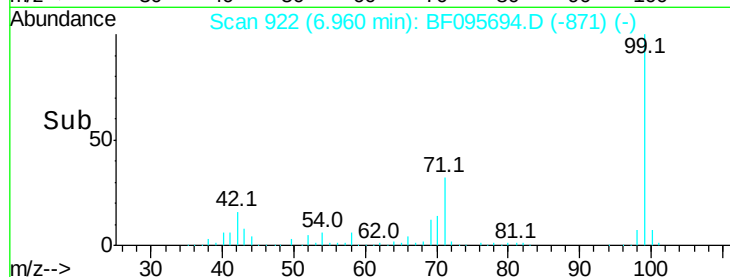
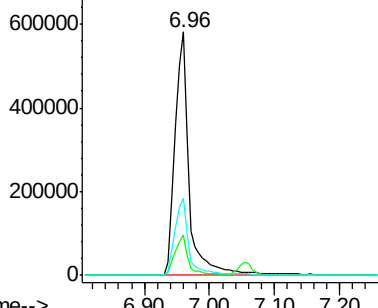
71 31.8 24.5 36.7



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: 14.31 ng

RT: 8.31 min Scan# 1152

Delta R.T. 0.18 min

Lab File: BF095694.D

Acq: 6 Jun 2017 2:26

Tgt Ion: 70 Resp: 64985

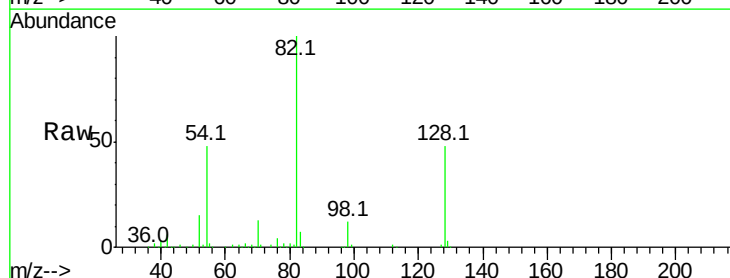
Ion Ratio Lower Upper

70 100

42 42.9 47.2 70.8#

101 0.0 7.2 10.8#

130 2.4 15.9 23.9#

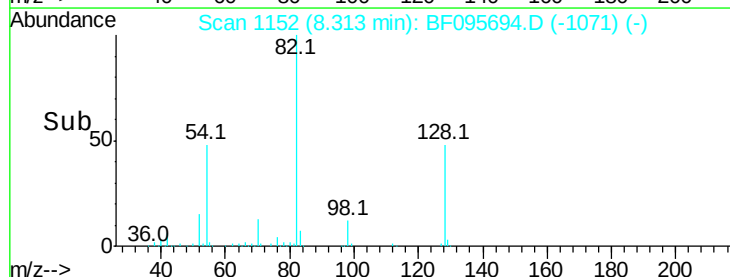
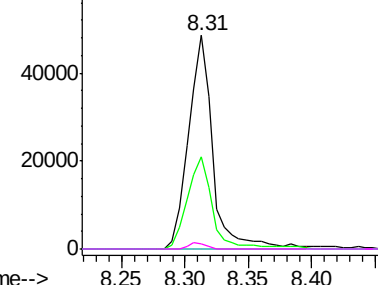


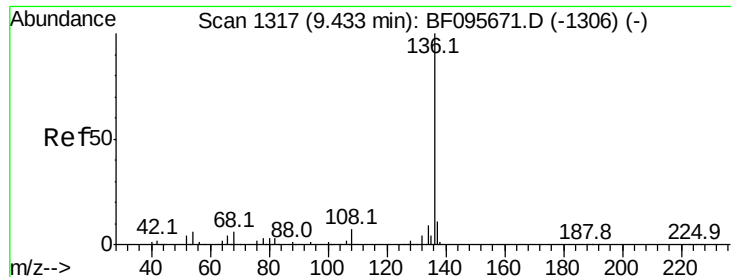
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.43 min Scan# 1342

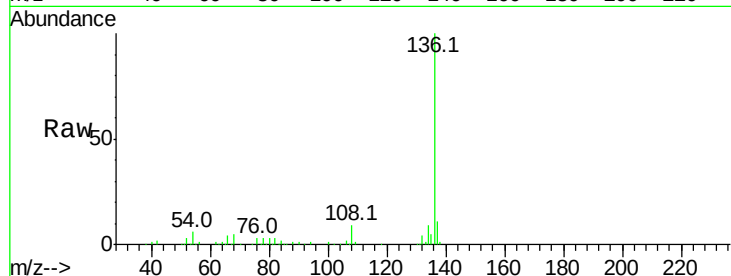
Delta R.T. -0.00 min

Lab File: BF095694.D

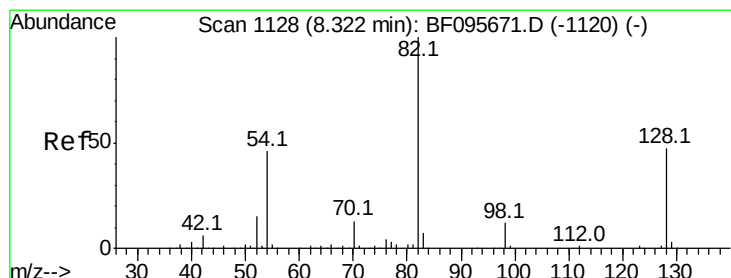
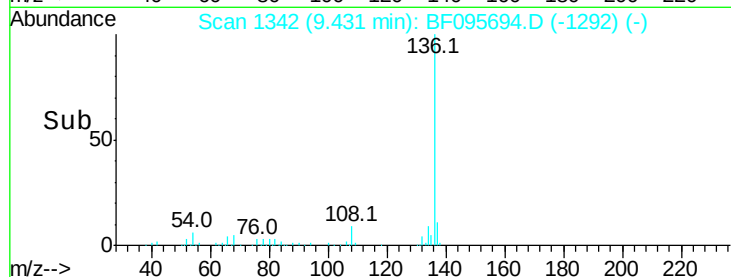
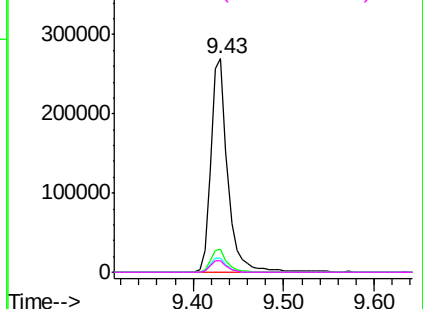
Acq: 6 Jun 2017 2:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	350396
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.5 12.7
54	6.4	4.9 7.3
68	5.4	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: 90.27 ng

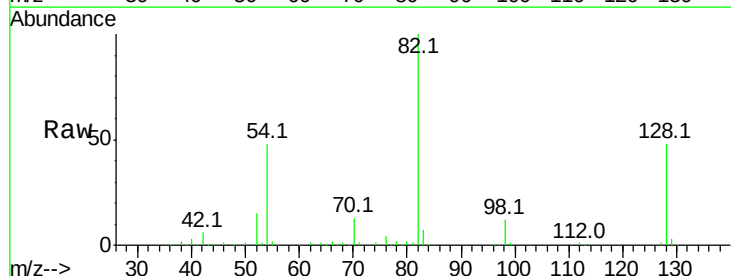
RT: 8.31 min Scan# 1152

Delta R.T. -0.01 min

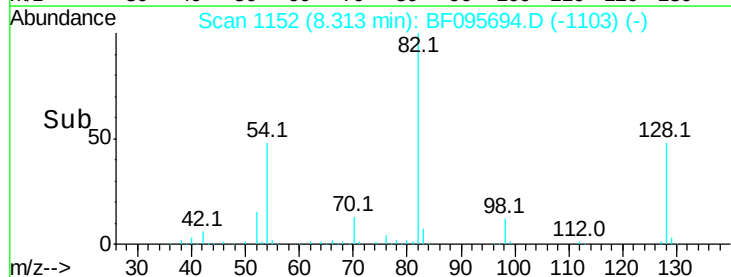
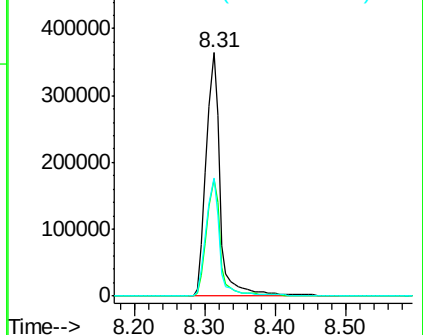
Lab File: BF095694.D

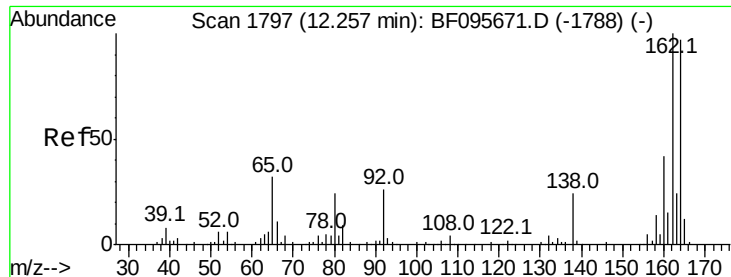
Acq: 6 Jun 2017 2:26

Tgt Ion: 82	Resp:	509324
Ion Ratio	Lower	Upper
82	100	
128	48.2	34.0 51.0
54	48.4	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

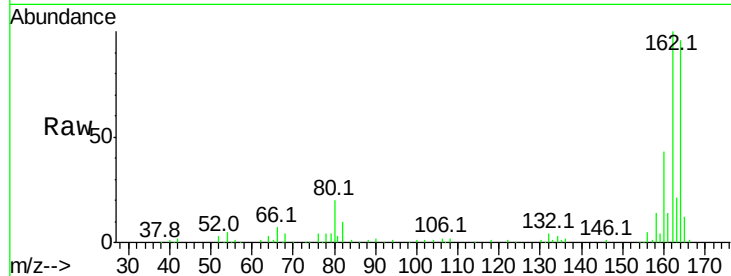




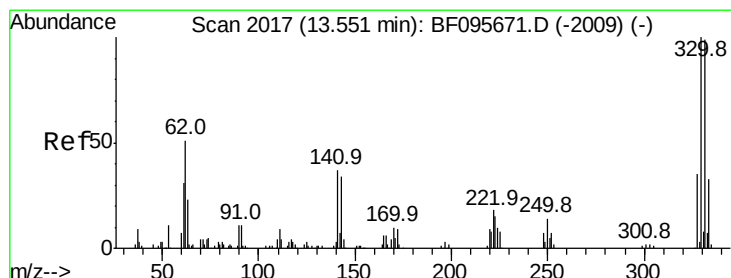
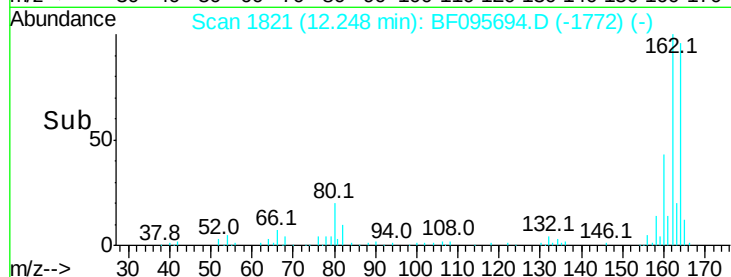
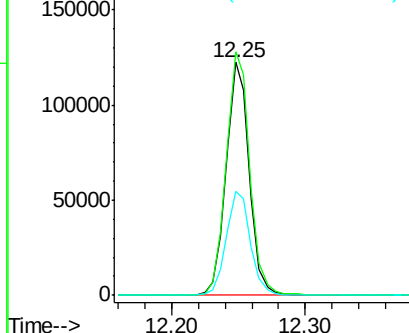
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.25 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BF095694.D
 Acq: 6 Jun 2017 2:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 149267
 Ion Ratio Lower Upper
 164 100
 162 104.4 82.6 123.8
 160 44.9 36.2 54.2

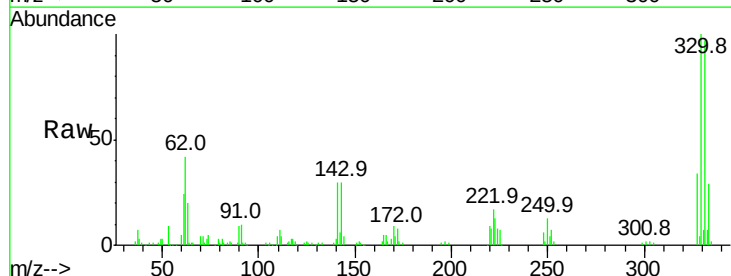


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

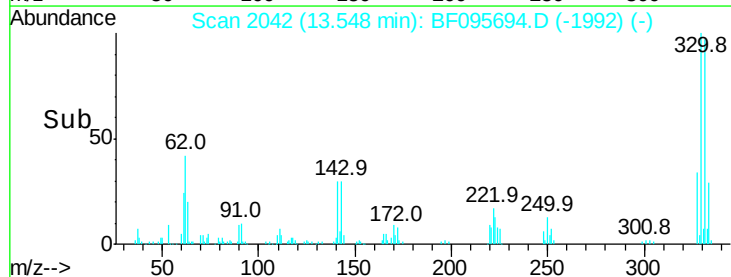
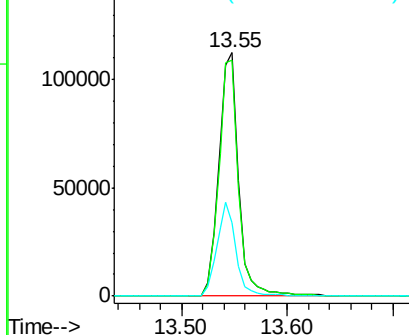


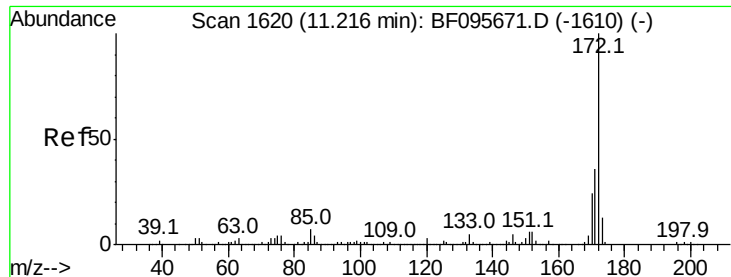
#41
 2,4,6-Tribromophenol
 Concen: 112.25 ng
 RT: 13.55 min Scan# 2042
 Delta R.T. -0.00 min
 Lab File: BF095694.D
 Acq: 6 Jun 2017 2:26

Tgt Ion:330 Resp: 148248
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 115.0
 141 37.3 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

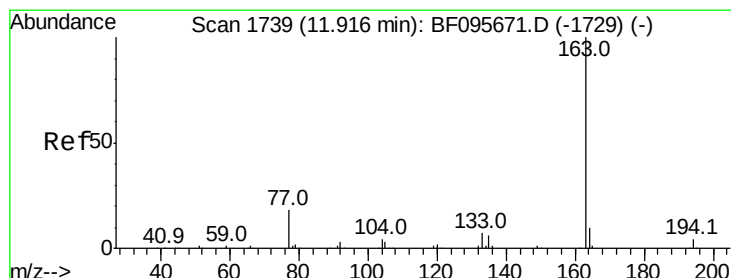
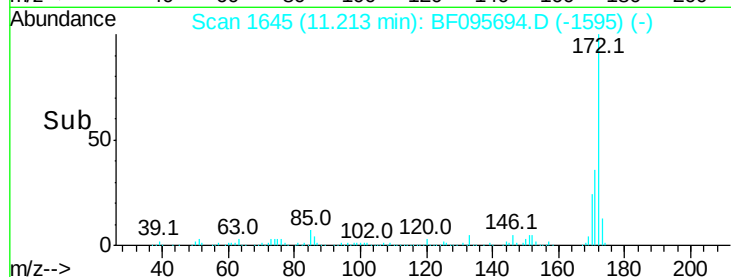
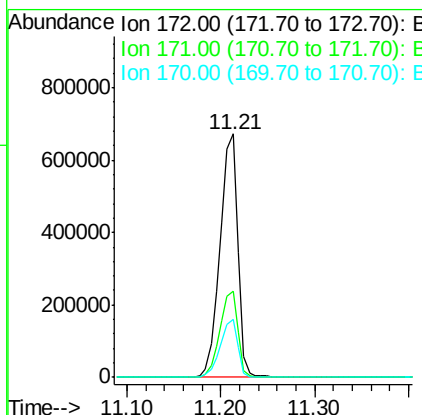
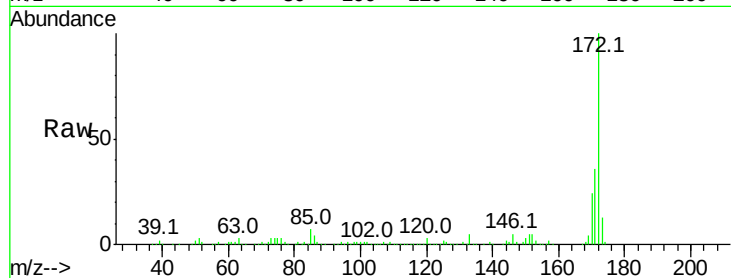




#44
2-Fluorobiphenyl
Concen: 83.12 ng
RT: 11.21 min Scan# 1645
Delta R.T. -0.00 min
Lab File: BF095694.D
Acq: 6 Jun 2017 2:26

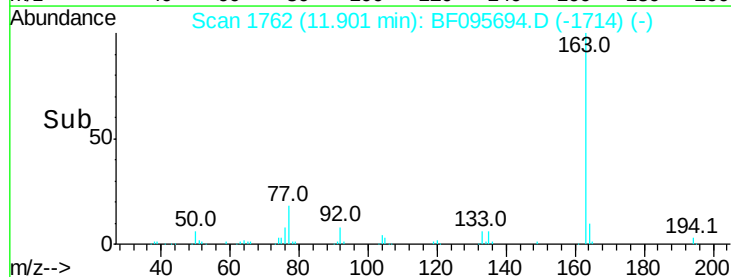
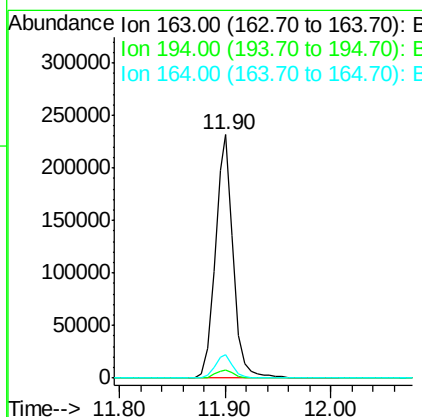
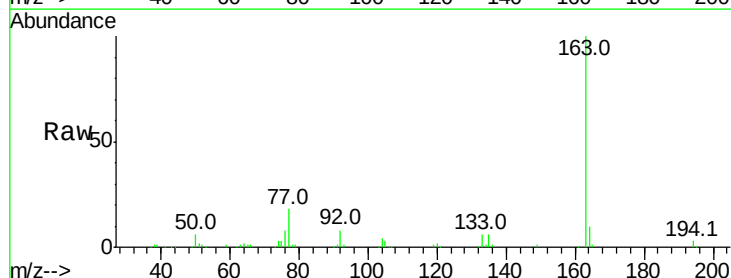
Instrument :
BNA_F
ClientSampleId :

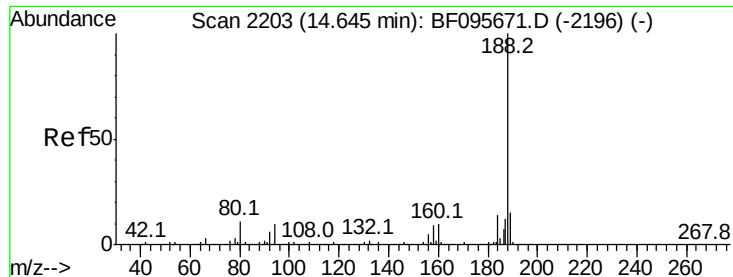
Tot Ion:172 Resp: 891588
Ion Ratio Lower Upper
172 100
171 35.6 29.6 44.4
170 24.0 19.8 29.8



#49
Dimethylphthalate
Concen: 24.20 ng
RT: 11.90 min Scan# 1762
Delta R.T. -0.01 min
Lab File: BF095694.D
Acq: 6 Jun 2017 2:26

Tgt Ion:163 Resp: 274266
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.7 8.4 12.6

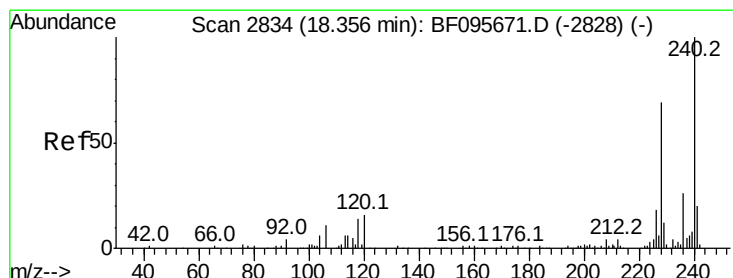
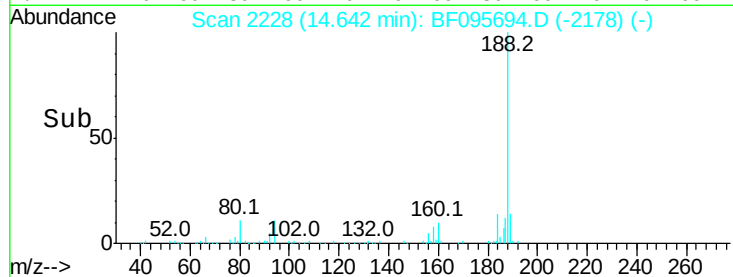
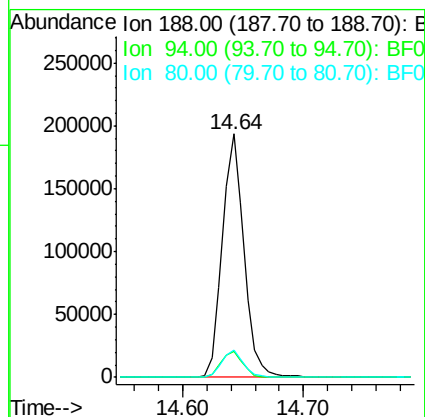
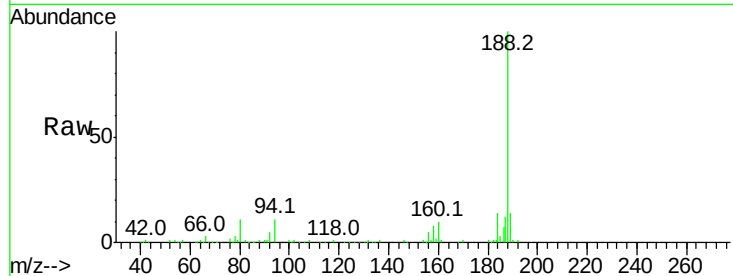




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.64 min Scan# 2228
Delta R.T. -0.00 min
Lab File: BF095694.D
Acq: 6 Jun 2017 2:26

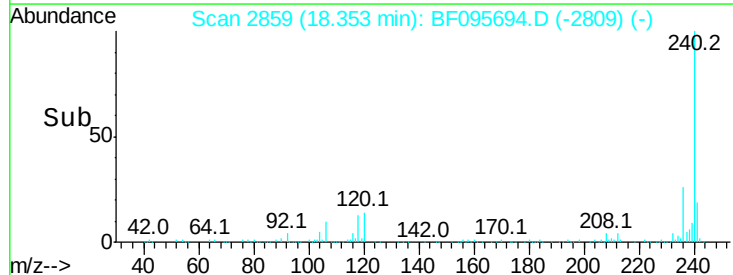
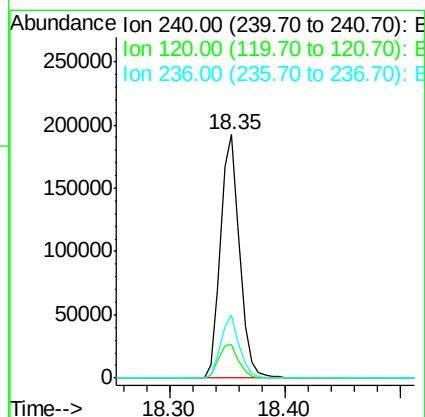
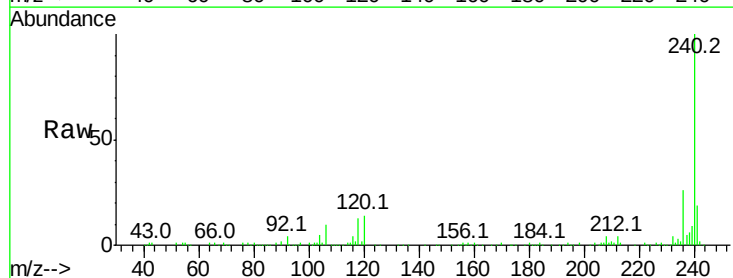
Instrument :
BNA_F
ClientSampled :

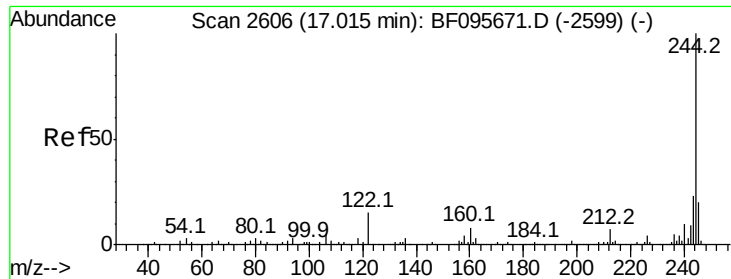
Tot Ion:188 Resp: 239809
Ion Ratio Lower Upper
188 100
94 10.7 9.4 14.2
80 11.1 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.35 min Scan# 2859
Delta R.T. -0.00 min
Lab File: BF095694.D
Acq: 6 Jun 2017 2:26

Tgt Ion:240 Resp: 220826
Ion Ratio Lower Upper
240 100
120 13.8 5.8 8.8#
236 25.9 20.5 30.7

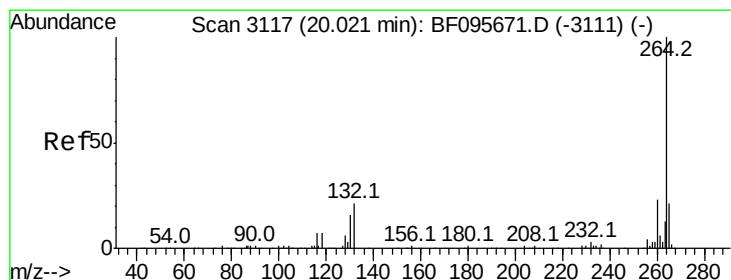
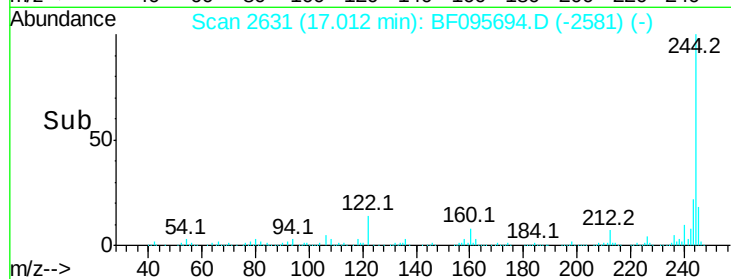
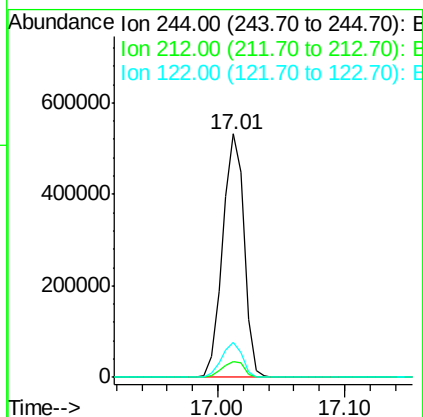
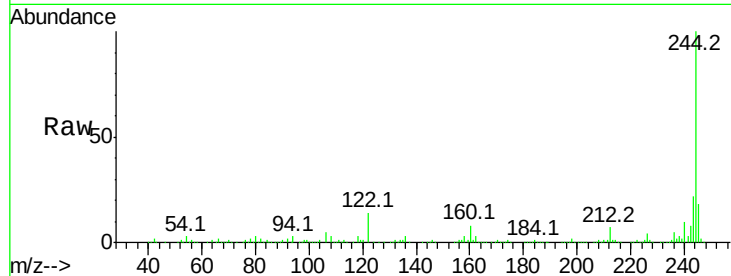




#78
 Terphenyl-d14
 Concen: 69.96 ng
 RT: 17.01 min Scan# 2631
 Delta R.T. -0.00 min
 Lab File: BF095694.D
 Acq: 6 Jun 2017 2:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 622470
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 14.3 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.02 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BF095694.D
 Acq: 6 Jun 2017 2:26

Tgt Ion:264 Resp: 146516
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.5 29.3
 265 22.2 17.2 25.8

