

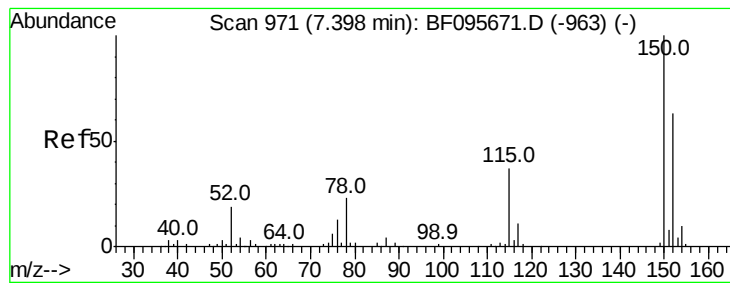
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
 Data File : BF095983.D
 Acq On : 17 Jun 2017 7:08
 Operator : SJ/MA
 Sample : I3694-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 19 01:07:11 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	63403	20.00	ng	0.00
21) Naphthalene-d8	9.35	136	262033	20.00	ng	0.00
38) Acenaphthene-d10	12.17	164	114188	20.00	ng	-0.01
63) Phenanthrene-d10	14.56	188	174088	20.00	ng	0.00
75) Chrysene-d12	18.29	240	126886	20.00	ng	0.00
86) Perylene-d12	19.96	264	120849	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	505410	127.02	ng	0.02
7) Phenol-d6	6.90	99	589632	123.78	ng	-0.01
23) Nitrobenzene-d5	8.24	82	396788	94.04	ng	-0.01
41) 2,4,6-Tribromophenol	13.47	330	127666	126.36	ng	-0.01
44) 2-Fluorobiphenyl	11.13	172	768720	93.68	ng	0.00
78) Terphenyl-d14	16.94	244	480077	93.90	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.24	70	48630	16.11	ng	# 76
50) 2,6-Dinitrotoluene	12.17	165	13614	7.20	ng	# 31

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

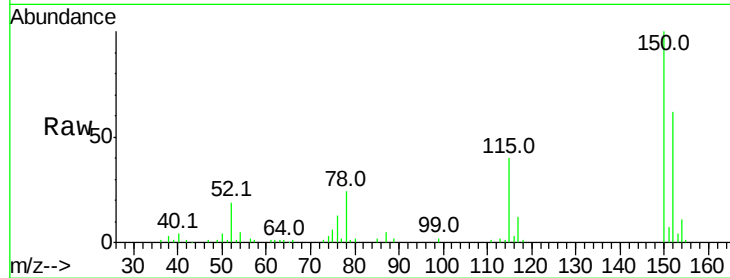


#1

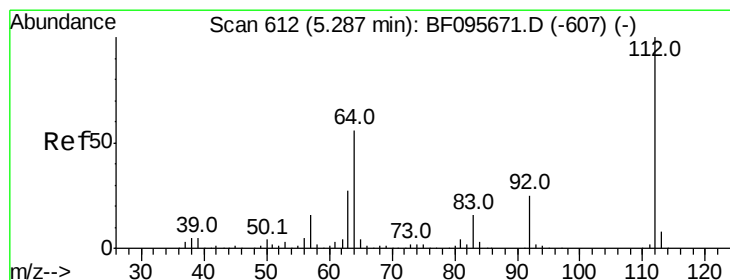
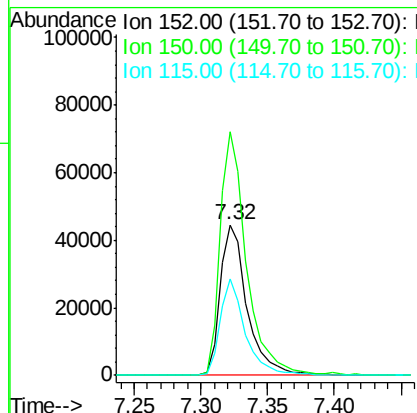
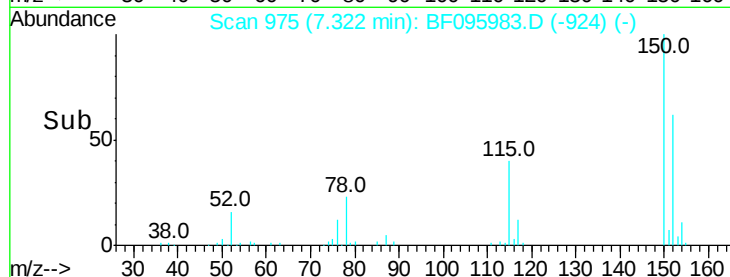
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF095983.D
Acq: 17 Jun 2017 7:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.6	126.2	189.2
115	64.1	52.2	78.2



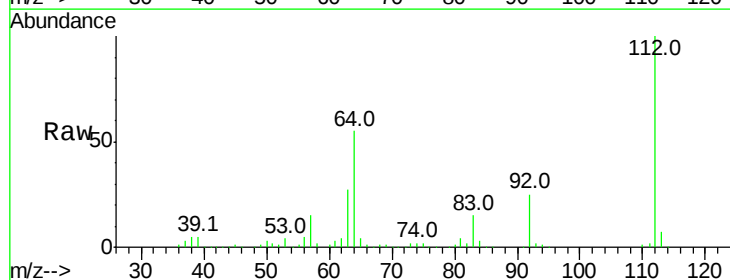
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



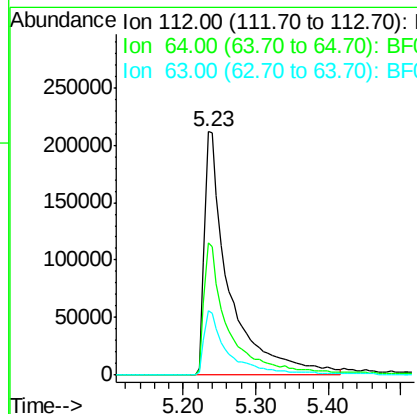
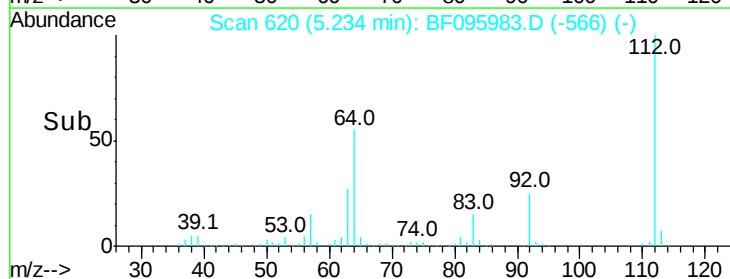
#5

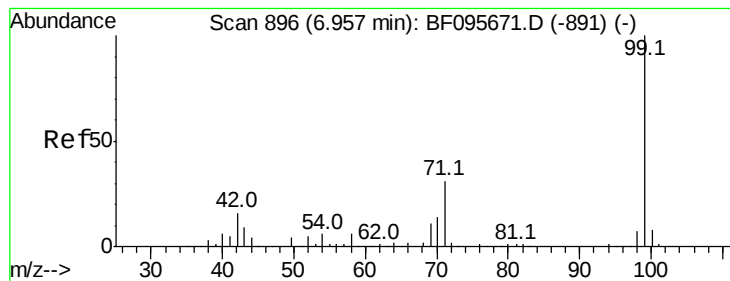
2-Fluorophenol
Concen: 127.02 ng
RT: 5.23 min Scan# 620
Delta R.T. 0.02 min
Lab File: BF095983.D
Acq: 17 Jun 2017 7:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.6	46.0	69.0
63	26.7	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: 123.78 ng

RT: 6.90 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF095983.D

Acq: 17 Jun 2017 7:08

Instrument :

BNA_F

ClientSampleId :

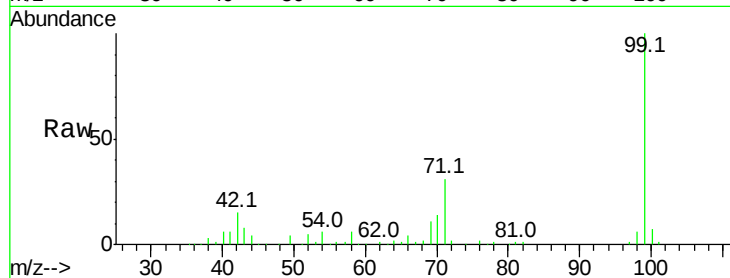
Tot Ion: 99 Resp: 589632

Ion Ratio Lower Upper

99 100

42 15.3 13.5 20.3

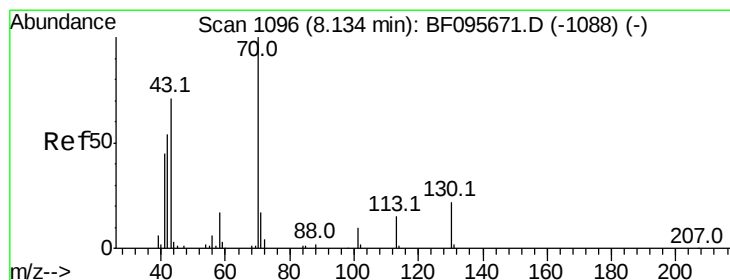
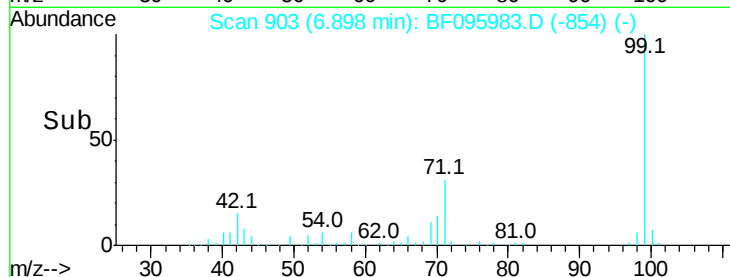
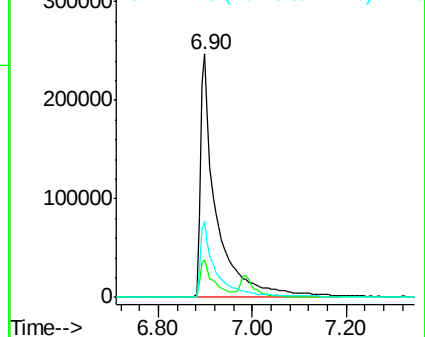
71 31.0 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.11 ng

RT: 8.24 min Scan# 1131

Delta R.T. 0.17 min

Lab File: BF095983.D

Acq: 17 Jun 2017 7:08

Tgt Ion: 70 Resp: 48630

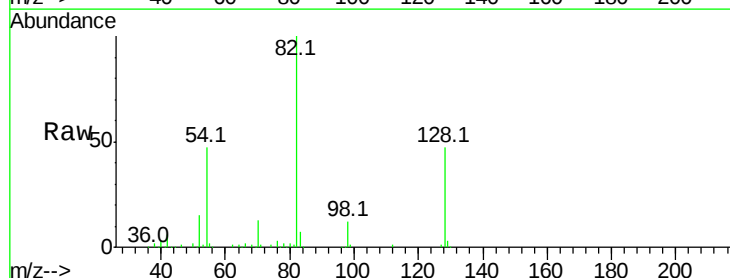
Ion Ratio Lower Upper

70 100

42 44.6 47.2 70.8#

101 0.0 7.2 10.8#

130 2.4 15.9 23.9#

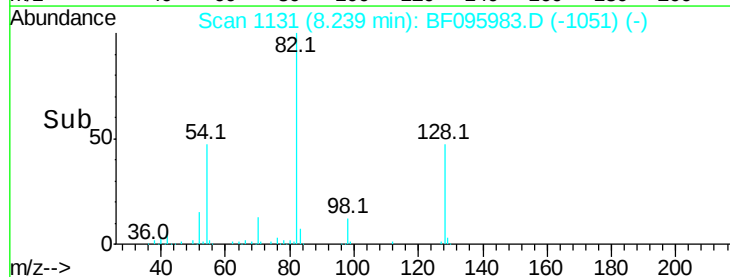
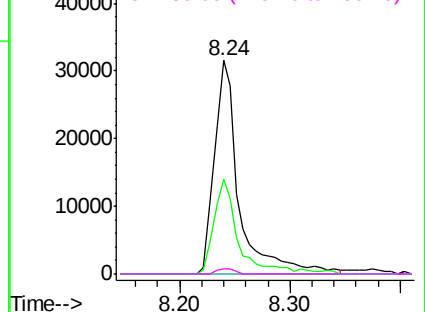


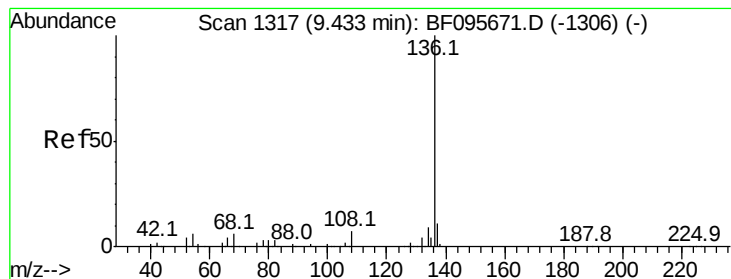
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.35 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF095983.D

Acq: 17 Jun 2017 7:08

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 262033

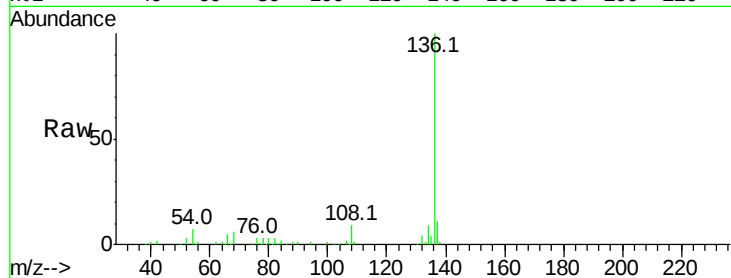
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.6 4.9 7.3

68 5.6 4.1 6.1

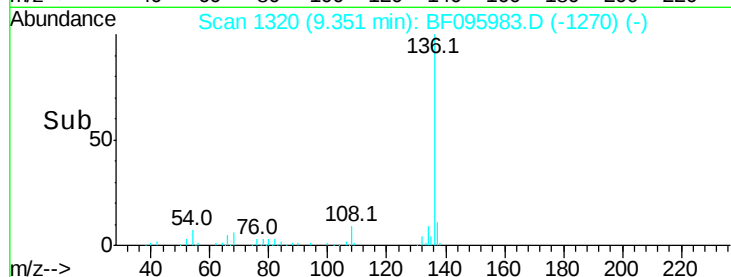


Abundance Ion 136.00 (135.70 to 136.70): E

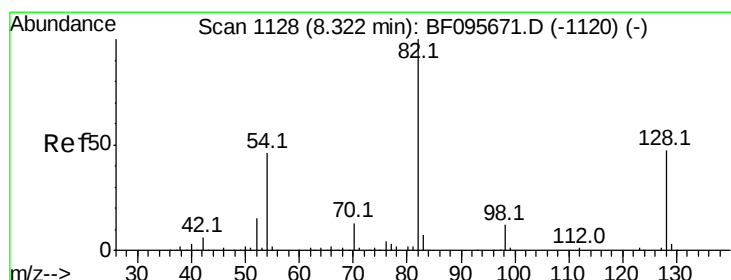
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 9.20 9.30 9.40 9.50 9.60



#23

Nitrobenzene-d5

Concen: 94.04 ng

RT: 8.24 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BF095983.D

Acq: 17 Jun 2017 7:08

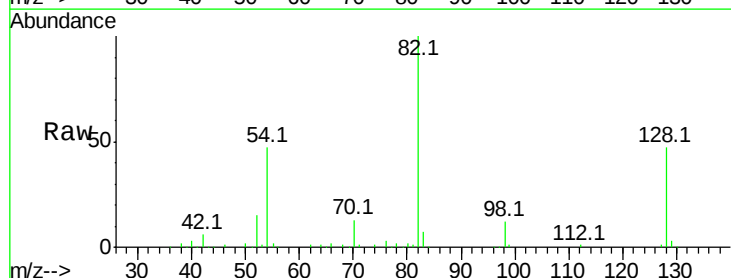
Tgt Ion: 82 Resp: 396788

Ion Ratio Lower Upper

82 100

128 46.8 34.0 51.0

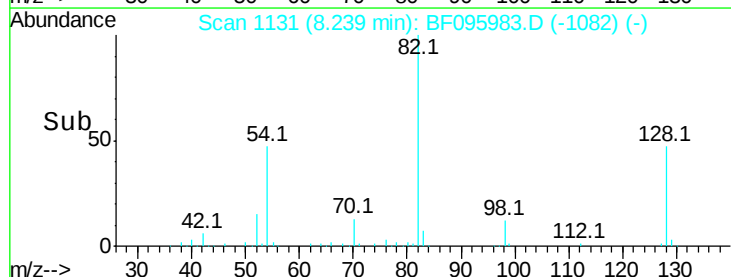
54 47.3 42.2 63.2



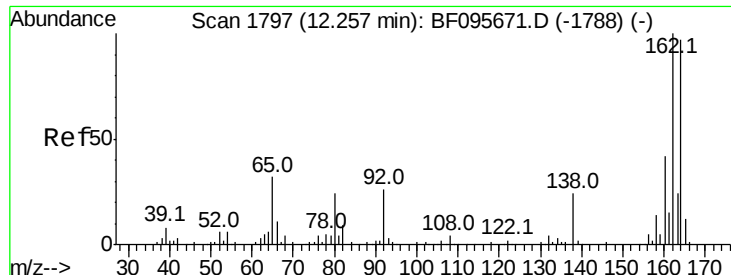
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time--> 8.10 8.20 8.30 8.40 8.50



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.17 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BF095983.D

Acq: 17 Jun 2017 7:08

Instrument :

BNA_F

ClientSampleId :

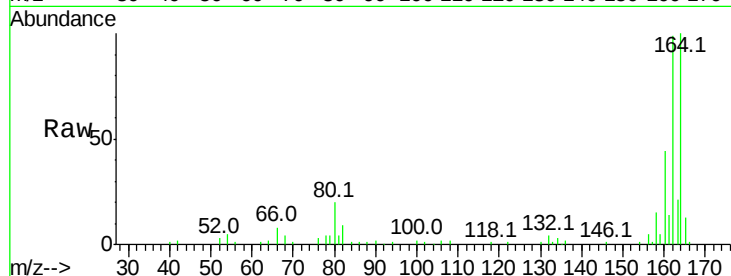
Tot Ion:164 Resp: 114188

Ion Ratio Lower Upper

164 100

162 99.1 82.6 123.8

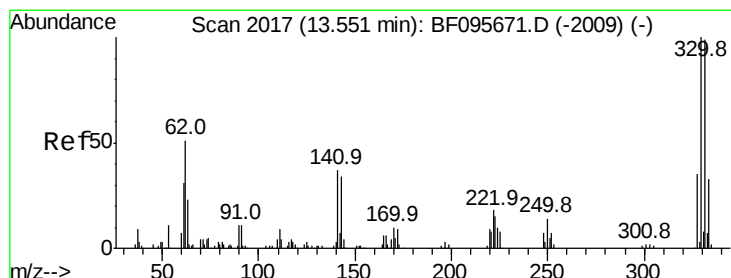
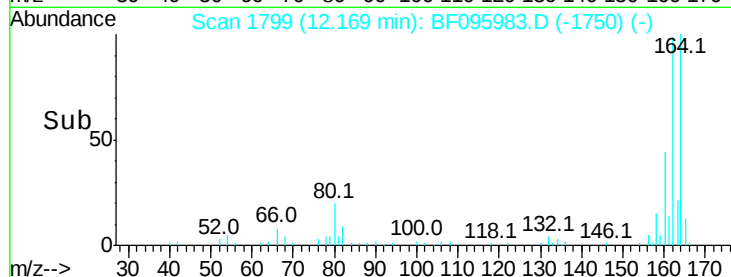
160 43.9 36.2 54.2



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: 126.36 ng

RT: 13.47 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF095983.D

Acq: 17 Jun 2017 7:08

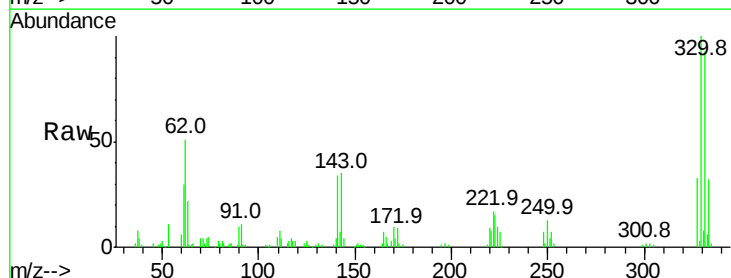
Tgt Ion:330 Resp: 127666

Ion Ratio Lower Upper

330 100

332 96.3 76.6 115.0

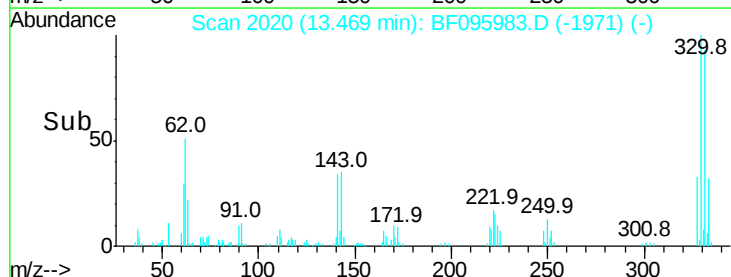
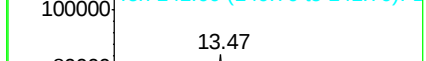
141 37.3 31.4 47.2

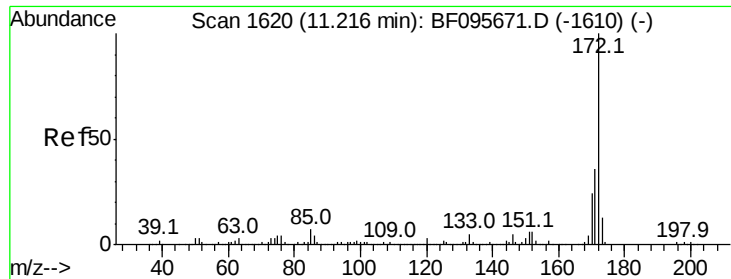


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

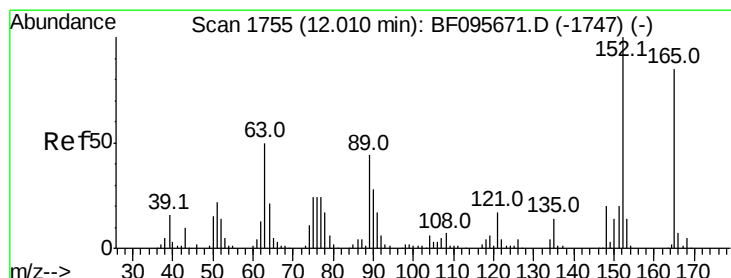
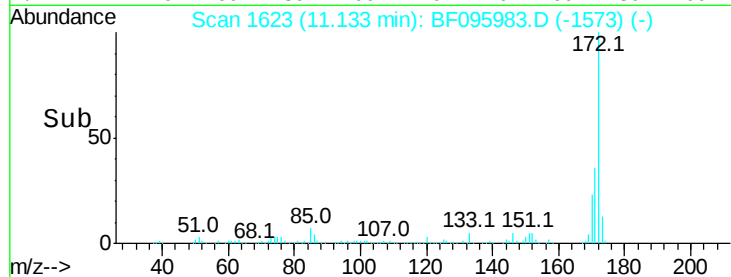
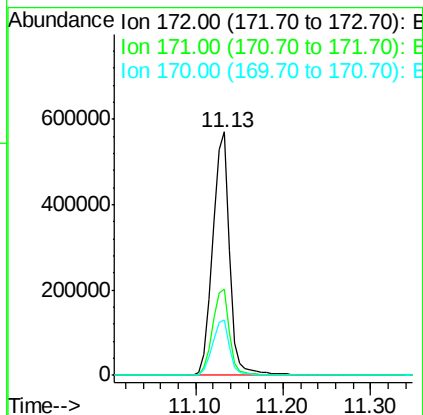
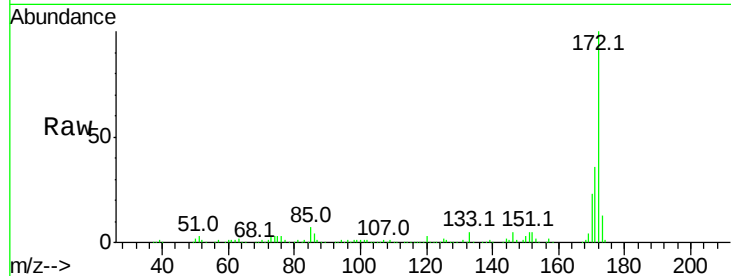




#44
 2-Fluorobiphenyl
 Concen: 93.68 ng
 RT: 11.13 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF095983.D
 Acq: 17 Jun 2017 7:08

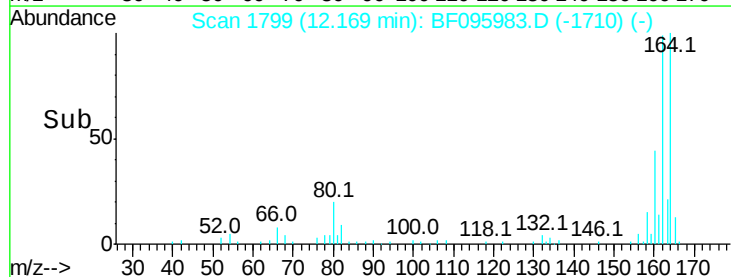
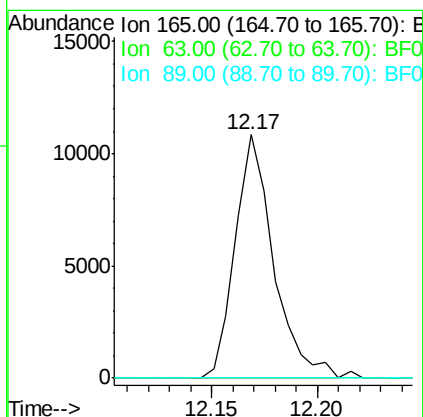
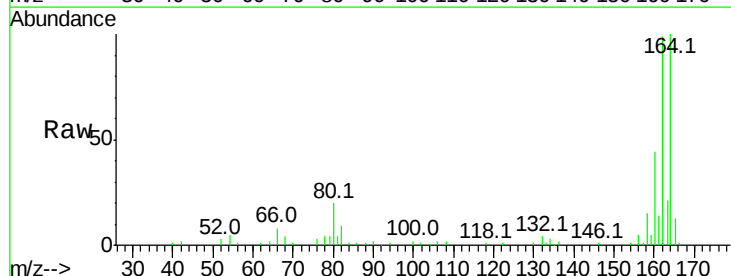
Instrument :
 BNA_F
 ClientSampleId :

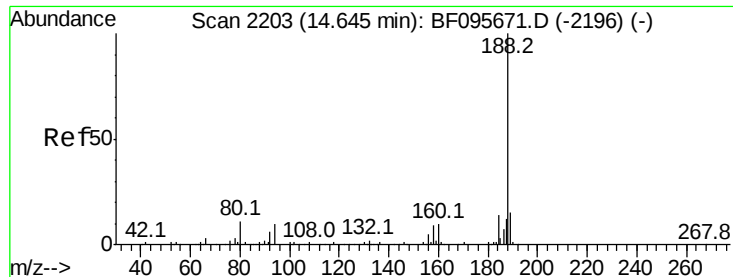
Tot Ion:172 Resp: 768720
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 22.9 19.8 29.8



#50
 2,6-Dinitrotoluene
 Concen: 7.20 ng
 RT: 12.17 min Scan# 1799
 Delta R.T. 0.22 min
 Lab File: BF095983.D
 Acq: 17 Jun 2017 7:08

Tgt Ion:165 Resp: 13614
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#

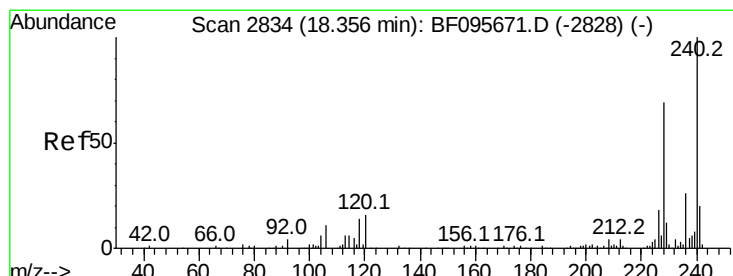
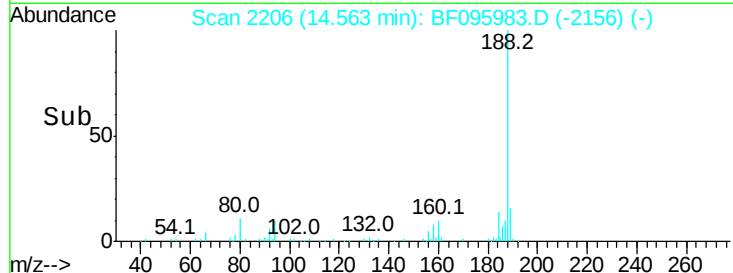
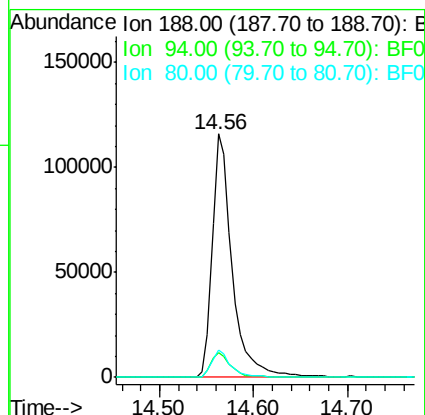
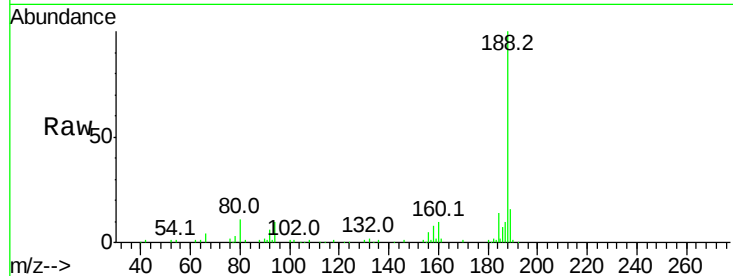




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.56 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF095983.D
Acq: 17 Jun 2017 7:08

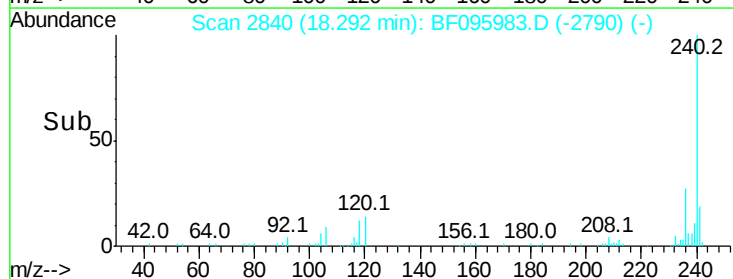
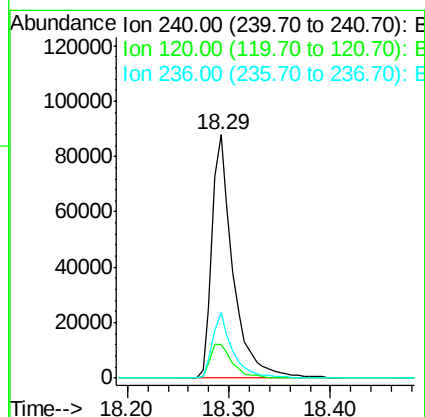
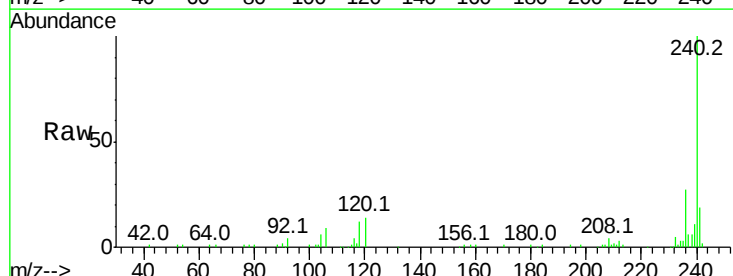
Instrument :
BNA_F
ClientSampleId :

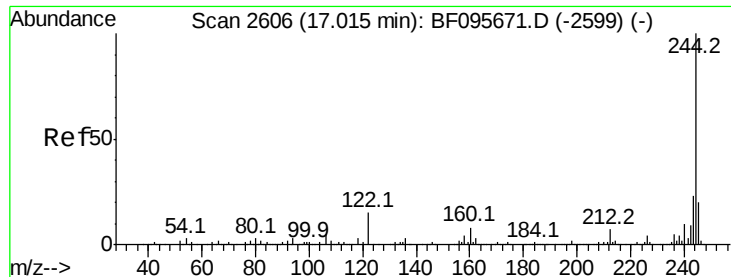
Tot Ion:188 Resp: 174088
Ion Ratio Lower Upper
188 100
94 10.2 9.4 14.2
80 11.1 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.29 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BF095983.D
Acq: 17 Jun 2017 7:08

Tgt Ion:240 Resp: 126886
Ion Ratio Lower Upper
240 100
120 14.0 5.8 8.8#
236 27.0 20.5 30.7

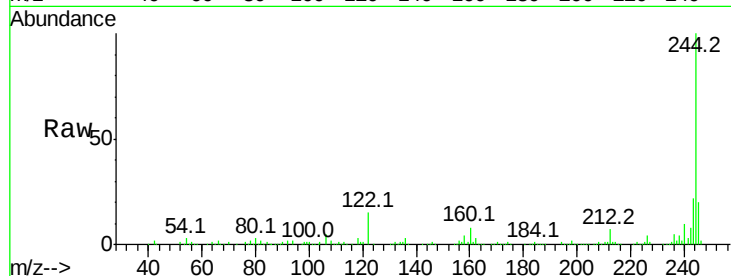




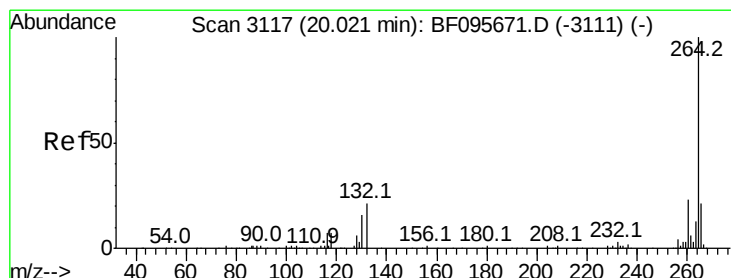
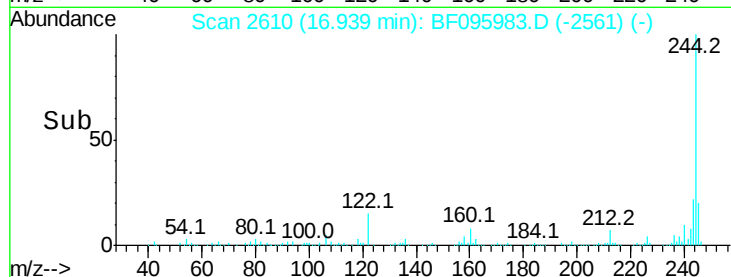
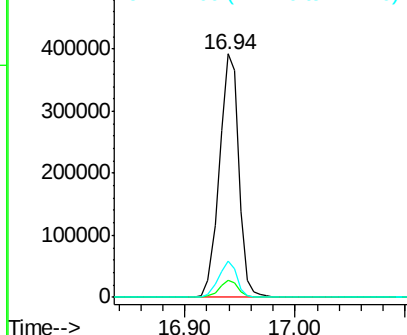
#78
 Terphenyl-d14
 Concen: 93.90 ng
 RT: 16.94 min Scan# 2610
 Delta R.T. -0.01 min
 Lab File: BF095983.D
 Acq: 17 Jun 2017 7:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 480077
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 15.0 10.3 15.5

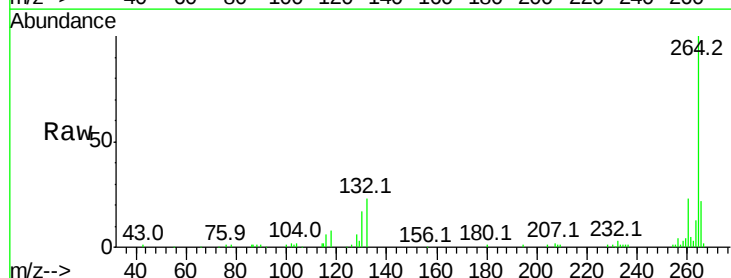


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.96 min Scan# 3124
 Delta R.T. 0.00 min
 Lab File: BF095983.D
 Acq: 17 Jun 2017 7:08

Tgt Ion:264 Resp: 120849
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.5 29.3
 265 21.8 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

