

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062217\
 Data File : BF096153.D
 Acq On : 23 Jun 2017 9:10
 Operator : SJ/MA
 Sample : I3822-01
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 23 11:14:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

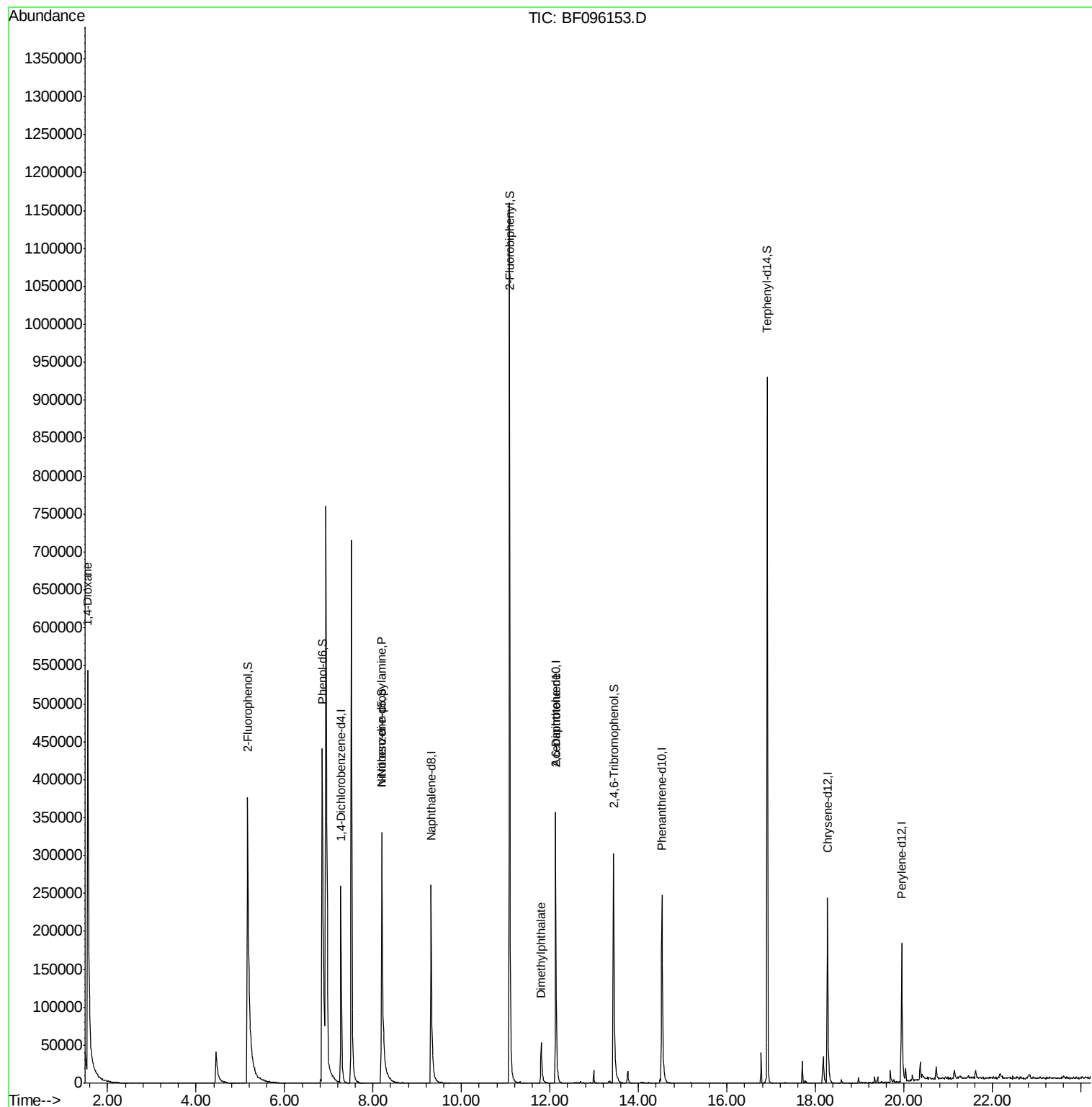
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	68016	20.00	ng	-0.02
21) Naphthalene-d8	9.31	136	270239	20.00	ng	-0.02
38) Acenaphthene-d10	12.13	164	116638	20.00	ng	-0.02
63) Phenanthrene-d10	14.53	188	186319	20.00	ng	-0.01
75) Chrysene-d12	18.27	240	138772	20.00	ng	0.00
86) Perylene-d12	19.94	264	116628	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	372606	87.29	ng	-0.02
7) Phenol-d6	6.85	99	477192	93.38	ng	-0.02
23) Nitrobenzene-d5	8.20	82	267008	61.36	ng	-0.02
41) 2,4,6-Tribromophenol	13.43	330	74428	72.12	ng	-0.02
44) 2-Fluorobiphenyl	11.09	172	557129	66.47	ng	-0.02
78) Terphenyl-d14	16.91	244	364046	65.10	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	1.55	88	31231	15.38	ng	# 21
19) n-Nitroso-di-n-propylamine	8.20	70	31287	9.66	ng	# 75
49) Dimethylphthalate	11.80	163	56108	6.34	ng	97
50) 2,6-Dinitrotoluene	12.13	165	14276	7.39	ng	# 31

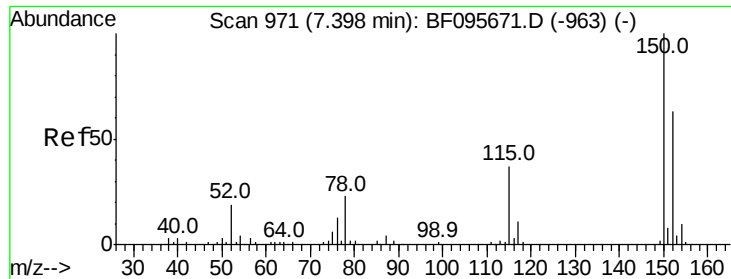
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.27 min Scan# 984

Delta R.T. -0.02 min

Lab File: BF096153.D

Acq: 23 Jun 2017 9:10

Instrument :

BNA_F

ClientSampled :

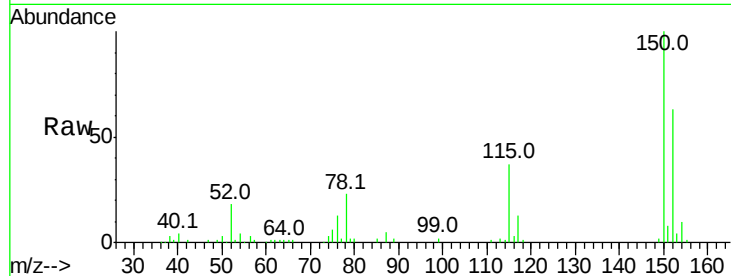
Tot Ion:152 Resp: 68016

Ion Ratio Lower Upper

152 100

150 158.4 126.2 189.2

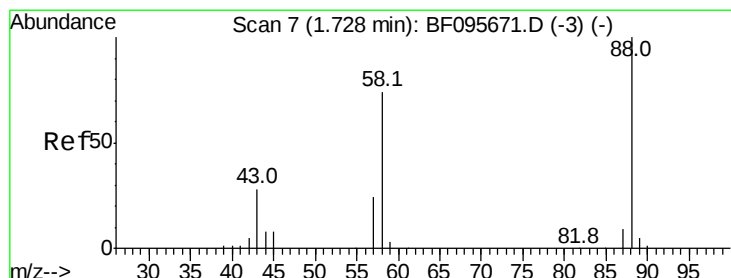
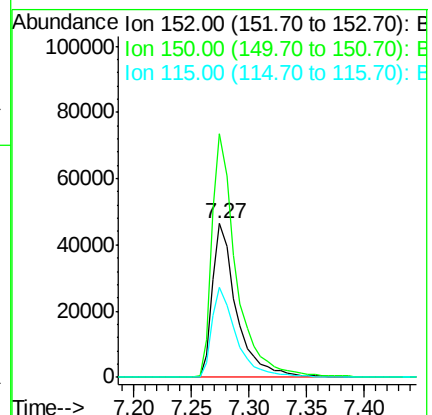
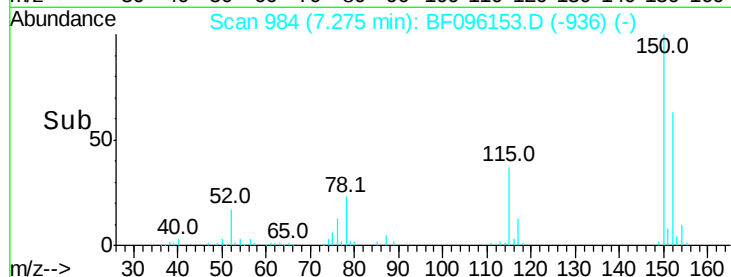
115 58.5 52.2 78.2



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



#2

1,4-Dioxane

Concen: 15.38 ng

RT: 1.55 min Scan# 11

Delta R.T. -0.06 min

Lab File: BF096153.D

Acq: 23 Jun 2017 9:10

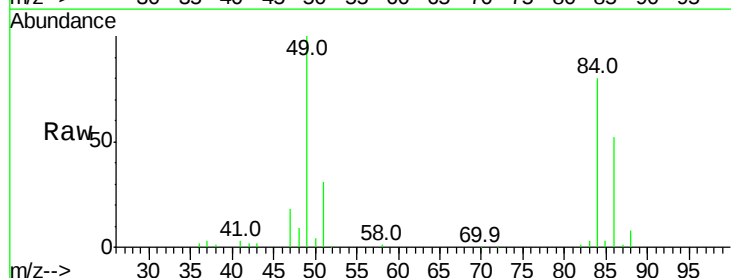
Tgt Ion: 88 Resp: 31231

Ion Ratio Lower Upper

88 100

58 0.0 61.4 92.0#

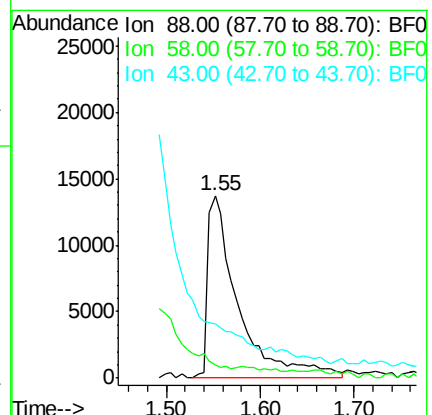
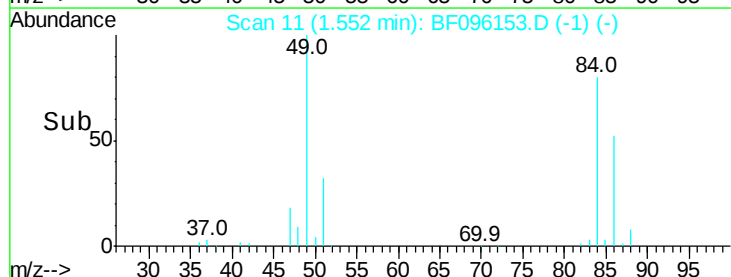
43 0.0 23.4 35.0#

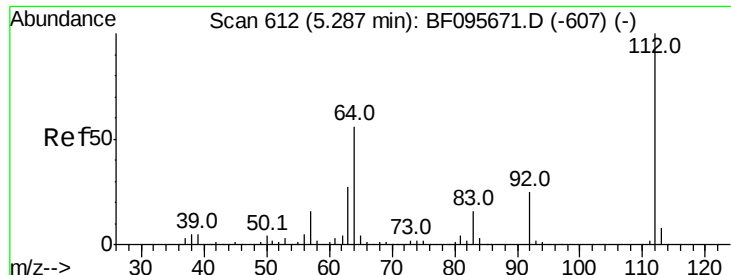


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 87.29 ng

RT: 5.16 min Scan# 625

Delta R.T. -0.02 min

Lab File: BF096153.D

Acq: 23 Jun 2017 9:10

Instrument :

BNA_F

ClientSampleId :

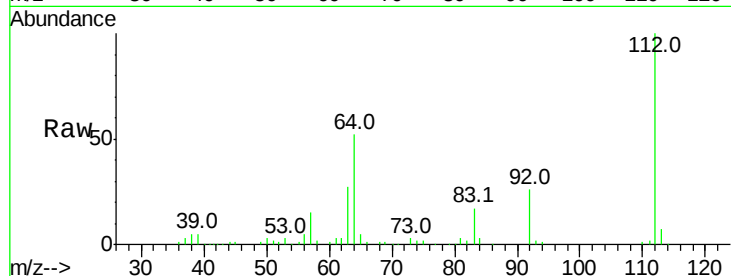
Tot Ion:112 Resp: 372606

Ion Ratio Lower Upper

112 100

64 51.9 46.0 69.0

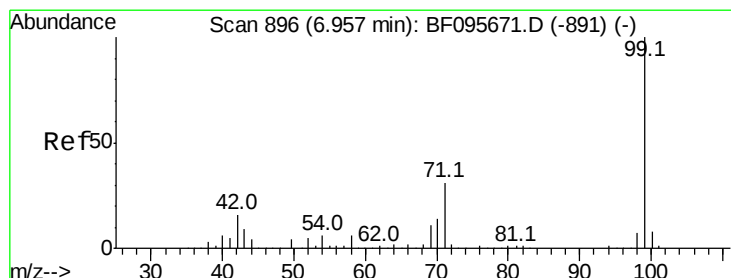
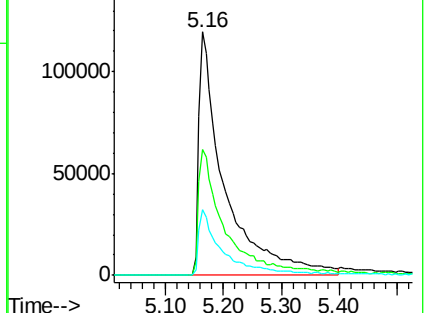
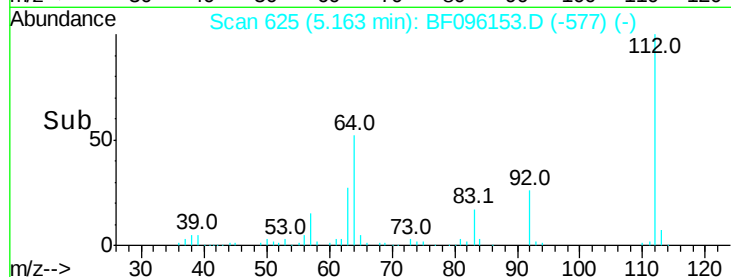
63 26.9 23.4 35.0



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: 93.38 ng

RT: 6.85 min Scan# 912

Delta R.T. -0.02 min

Lab File: BF096153.D

Acq: 23 Jun 2017 9:10

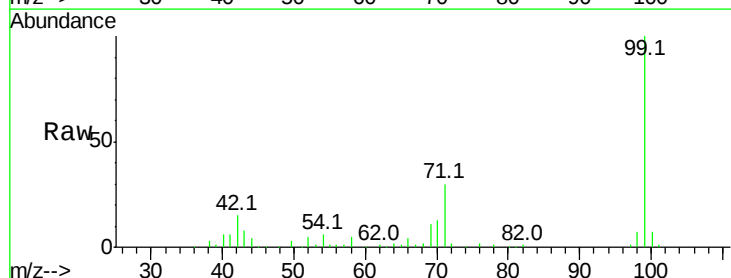
Tgt Ion: 99 Resp: 477192

Ion Ratio Lower Upper

99 100

42 14.8 13.5 20.3

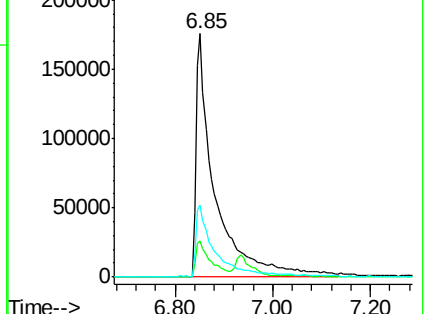
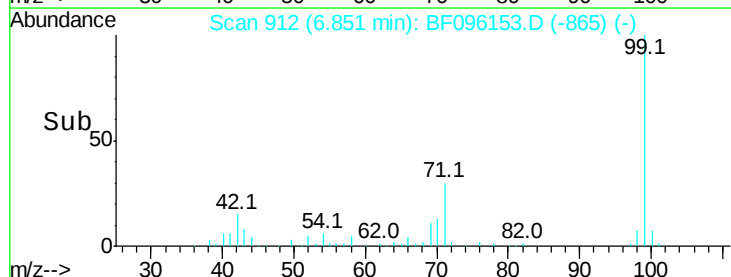
71 29.8 24.5 36.7

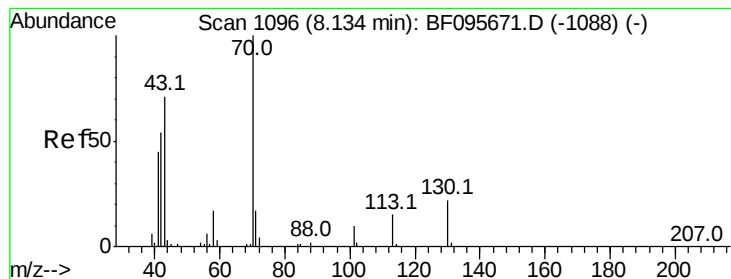


Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 9.66 ng

RT: 8.20 min Scan# 1141

Delta R.T. 0.16 min

Lab File: BF096153.D

Acq: 23 Jun 2017 9:10

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 31287

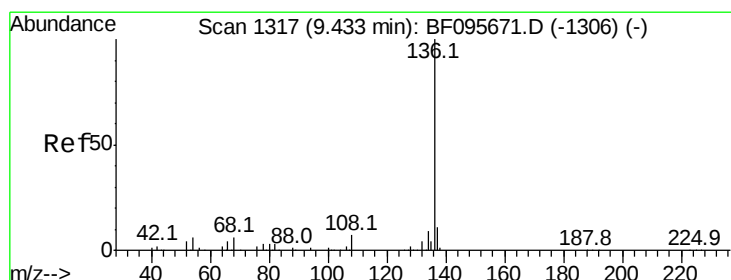
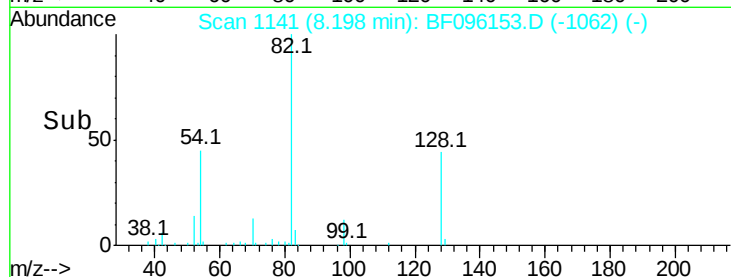
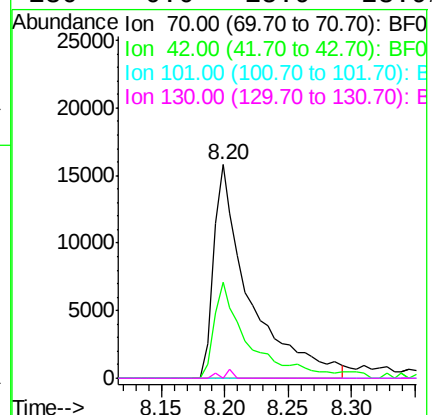
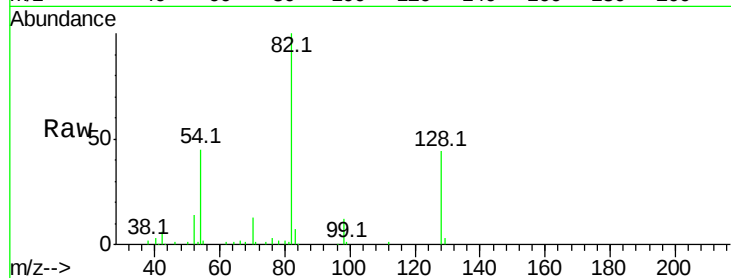
Ion Ratio Lower Upper

70 100

42 44.9 47.2 70.8#

101 0.0 7.2 10.8#

130 0.0 15.9 23.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.31 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF096153.D

Acq: 23 Jun 2017 9:10

Tgt Ion: 136 Resp: 270239

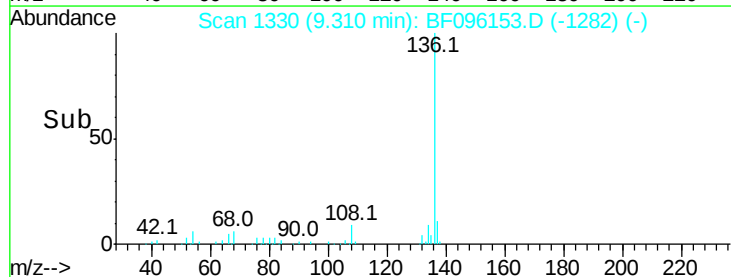
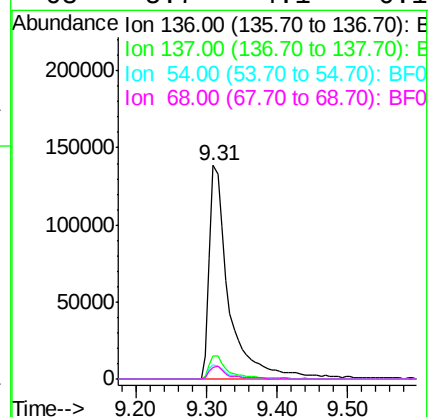
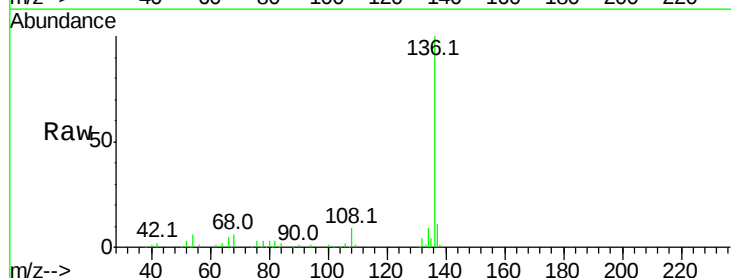
Ion Ratio Lower Upper

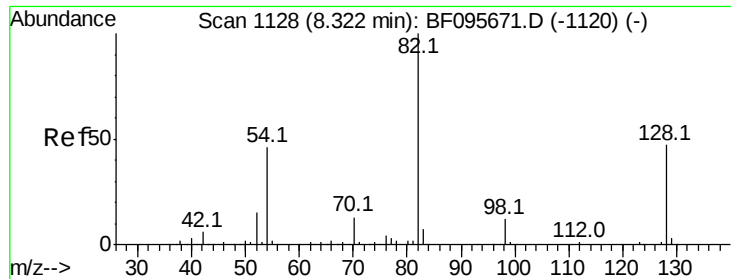
136 100

137 11.1 8.5 12.7

54 6.4 4.9 7.3

68 5.7 4.1 6.1

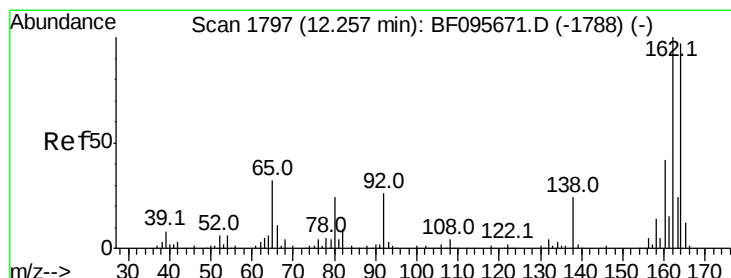
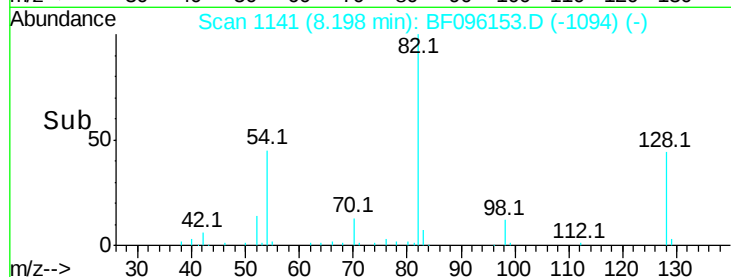
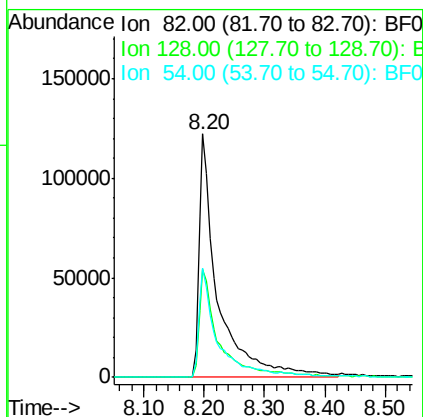
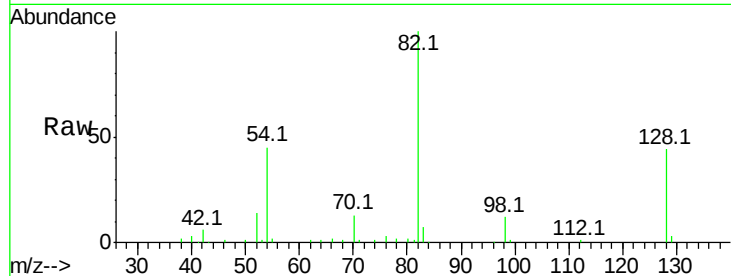




#23
 Nitrobenzene-d5
 Concen: 61.36 ng
 RT: 8.20 min Scan# 1141
 Delta R.T. -0.02 min
 Lab File: BF096153.D
 Acq: 23 Jun 2017 9:10

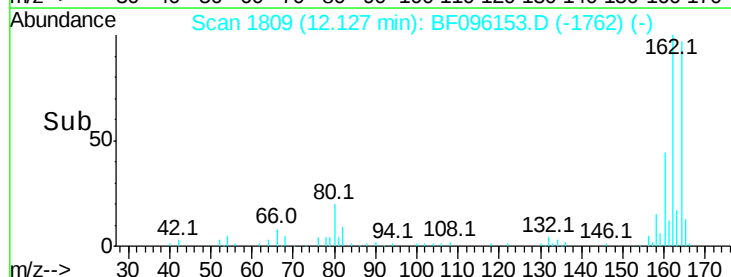
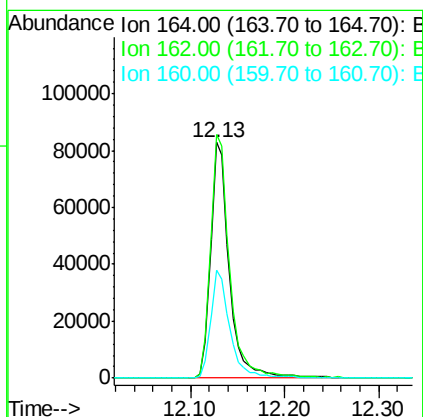
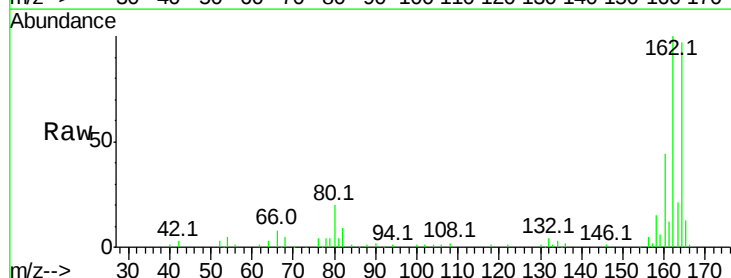
Instrument :
 BNA_F
 ClientSampleId :

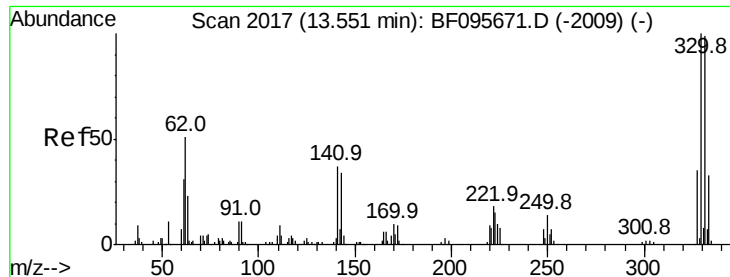
Tot Ion: 82 Resp: 267008
 Ion Ratio Lower Upper
 82 100
 128 44.4 34.0 51.0
 54 44.8 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.13 min Scan# 1809
 Delta R.T. -0.02 min
 Lab File: BF096153.D
 Acq: 23 Jun 2017 9:10

Tgt Ion:164 Resp: 116638
 Ion Ratio Lower Upper
 164 100
 162 103.3 82.6 123.8
 160 45.5 36.2 54.2

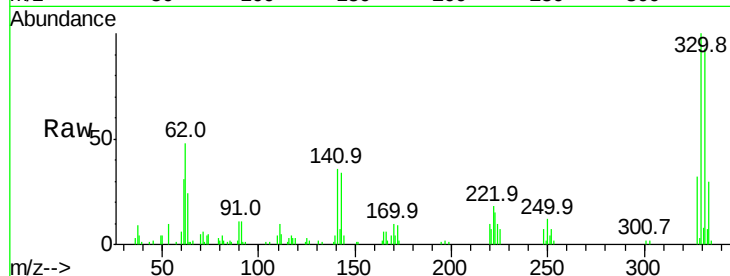




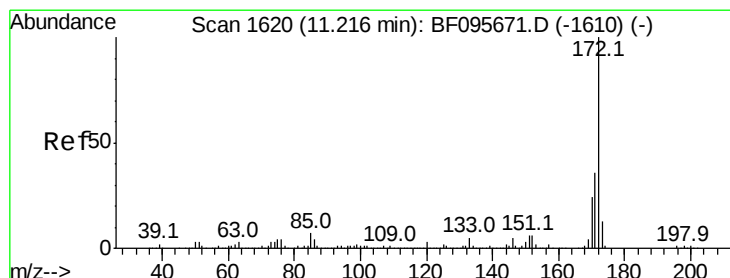
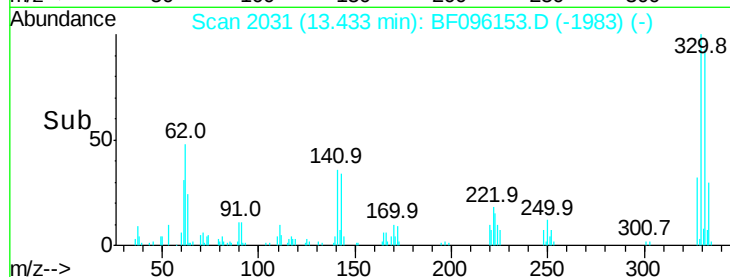
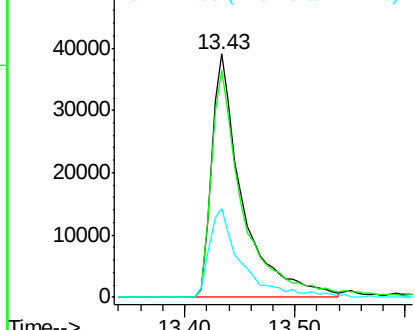
#41
 2,4,6-Tribromophenol
 Concen: 72.12 ng
 RT: 13.43 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BF096153.D
 Acq: 23 Jun 2017 9:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 74428
 Ion Ratio Lower Upper
 330 100
 332 98.7 76.6 115.0
 141 36.4 31.4 47.2

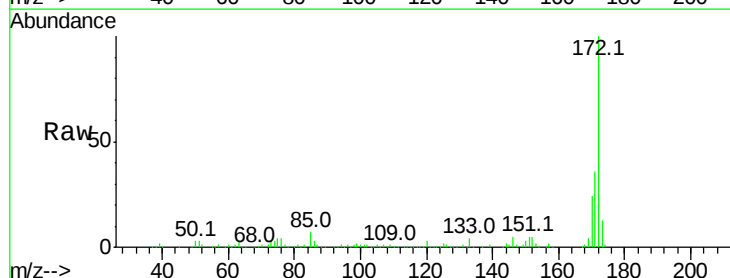


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

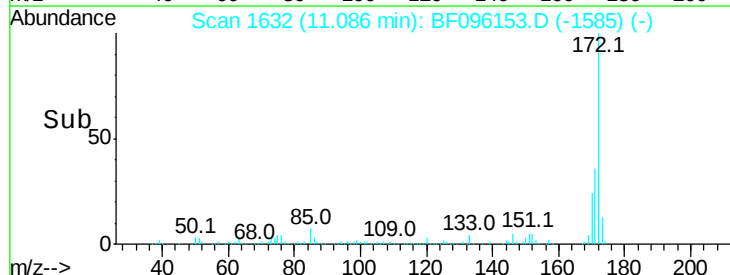
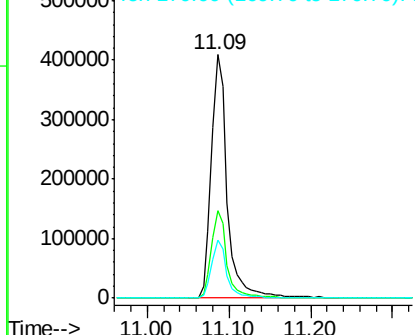


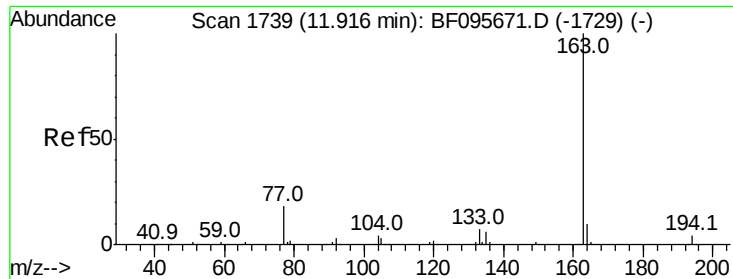
#44
 2-Fluorobiphenyl
 Concen: 66.47 ng
 RT: 11.09 min Scan# 1632
 Delta R.T. -0.02 min
 Lab File: BF096153.D
 Acq: 23 Jun 2017 9:10

Tgt Ion:172 Resp: 557129
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 23.6 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: 6.34 ng

RT: 11.80 min Scan# 1753

Delta R.T. -0.02 min

Lab File: BF096153.D

Acq: 23 Jun 2017 9:10

Instrument :

BNA_F

ClientSampleId :

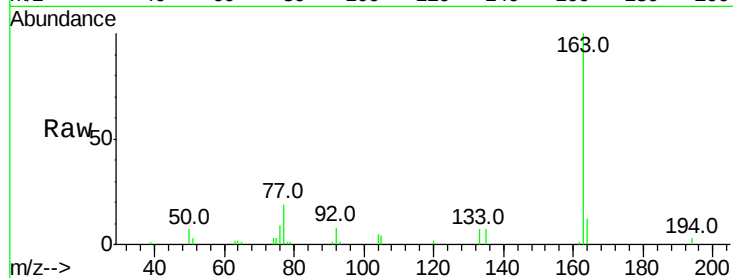
Tot Ion:163 Resp: 56108

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

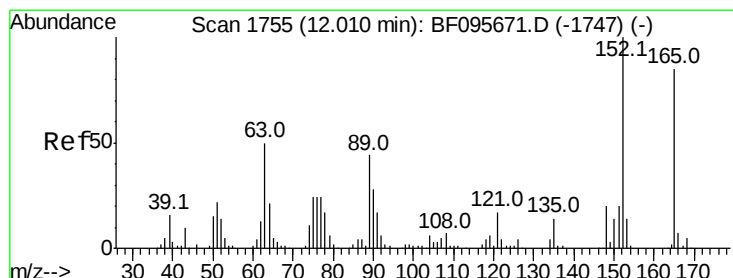
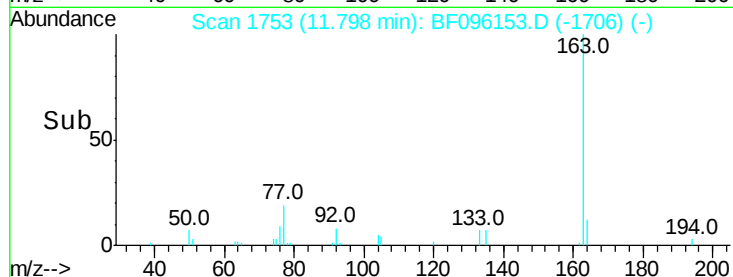
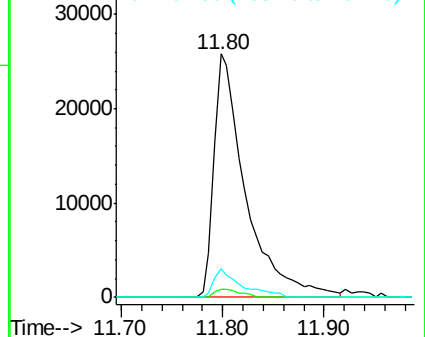
164 11.7 8.4 12.6



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



#50

2,6-Dinitrotoluene

Concen: 7.39 ng

RT: 12.13 min Scan# 1809

Delta R.T. 0.21 min

Lab File: BF096153.D

Acq: 23 Jun 2017 9:10

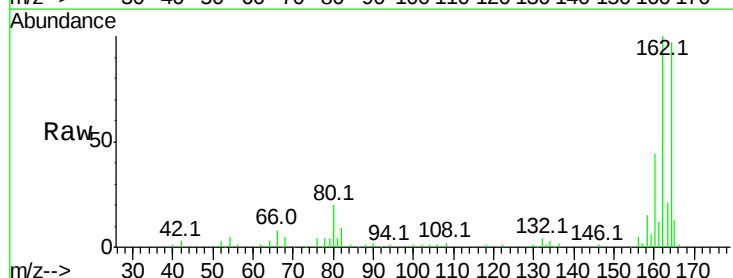
Tgt Ion:165 Resp: 14276

Ion Ratio Lower Upper

165 100

63 0.0 34.3 51.5#

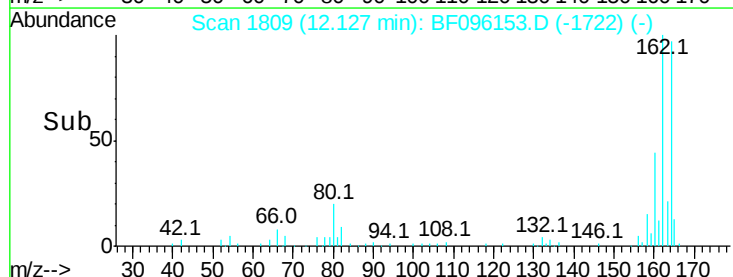
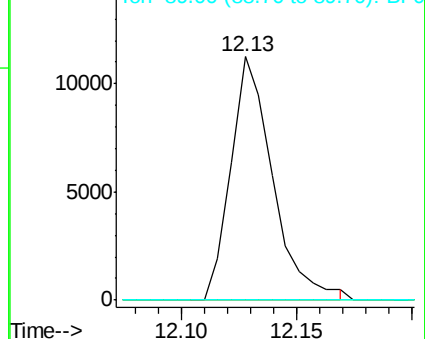
89 0.0 37.1 55.7#

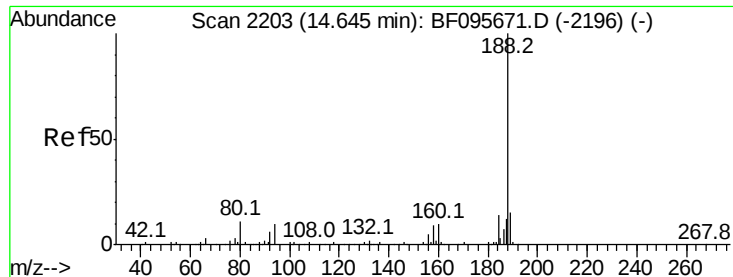


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

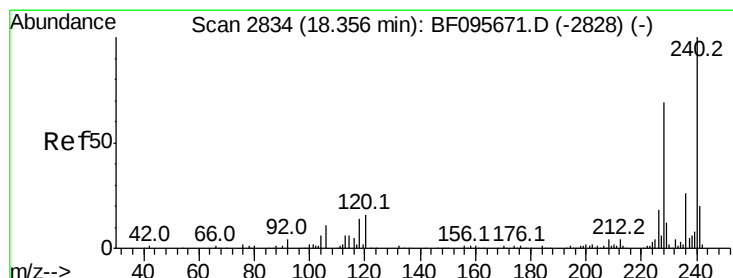
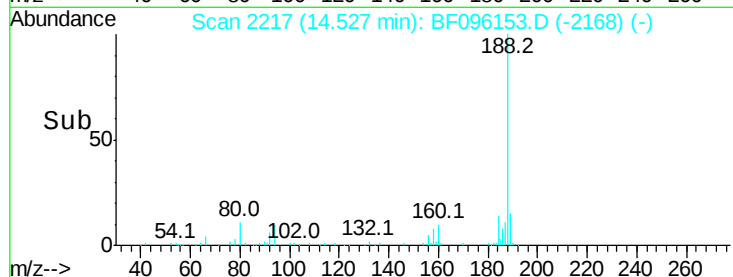
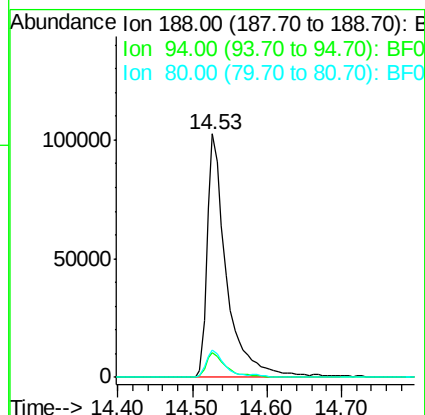
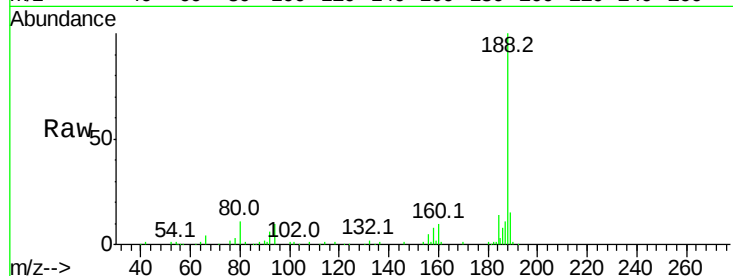




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.53 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF096153.D
Acq: 23 Jun 2017 9:10

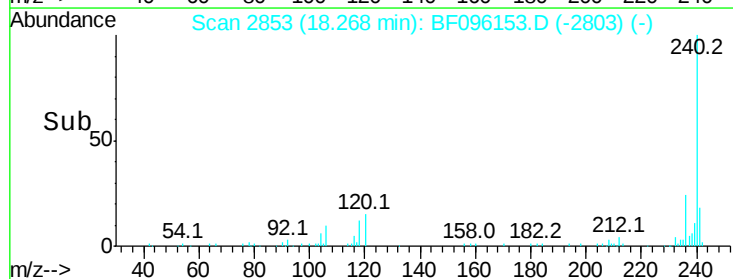
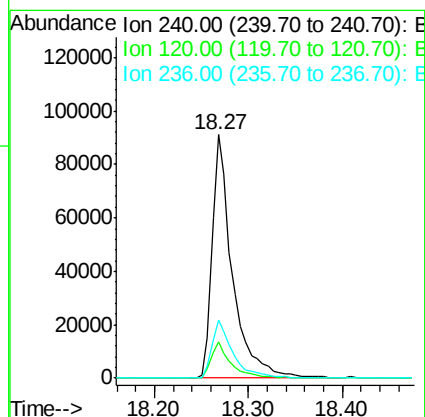
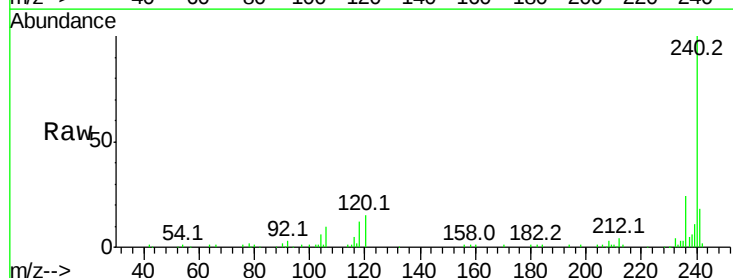
Instrument :
BNA_F
ClientSampled :

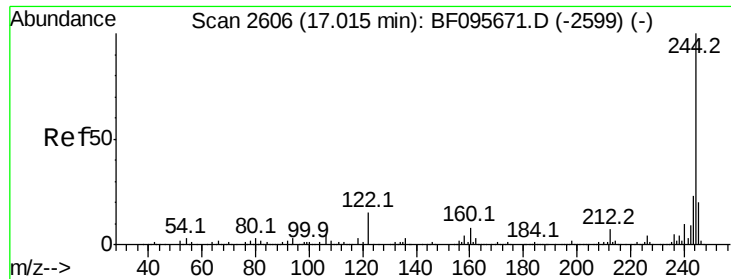
Tot Ion:188 Resp: 186319
Ion Ratio Lower Upper
188 100
94 10.4 9.4 14.2
80 11.0 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.27 min Scan# 2853
Delta R.T. -0.01 min
Lab File: BF096153.D
Acq: 23 Jun 2017 9:10

Tgt Ion:240 Resp: 138772
Ion Ratio Lower Upper
240 100
120 14.8 5.8 8.8#
236 23.6 20.5 30.7

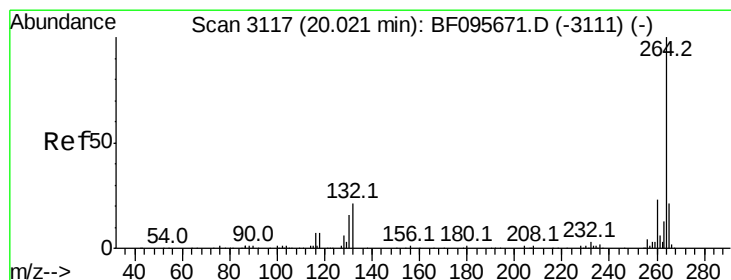
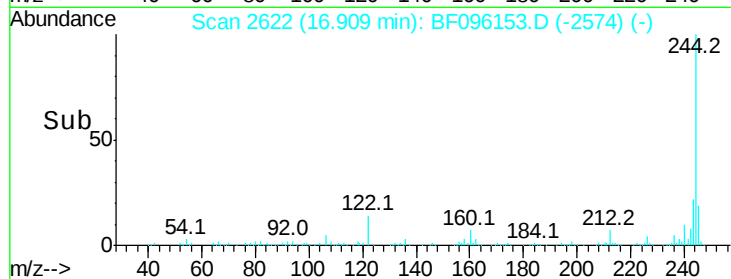
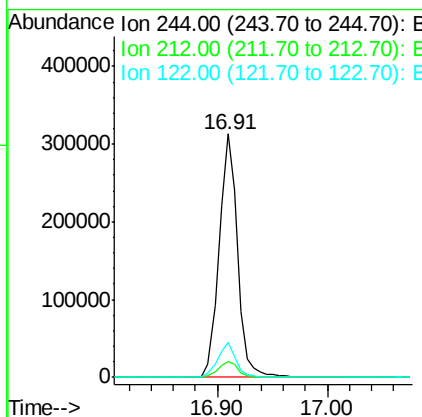
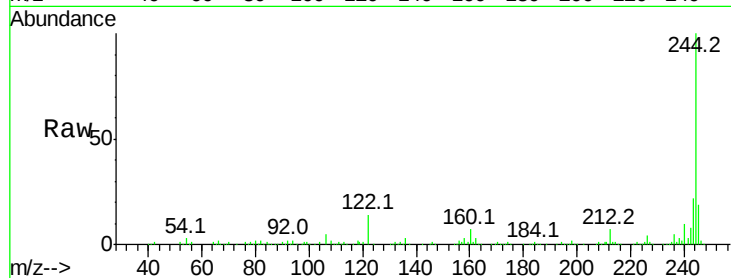




#78
 Terphenyl-d14
 Concen: 65.10 ng
 RT: 16.91 min Scan# 2622
 Delta R.T. -0.02 min
 Lab File: BF096153.D
 Acq: 23 Jun 2017 9:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 364046
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 14.5 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.94 min Scan# 3138
 Delta R.T. 0.01 min
 Lab File: BF096153.D
 Acq: 23 Jun 2017 9:10

Tgt Ion:264 Resp: 116628
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 20.5 17.2 25.8

