

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062217\
 Data File : BF096144.D
 Acq On : 23 Jun 2017 4:18
 Operator : SJ/MA
 Sample : I3813-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 23 06:44:32 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

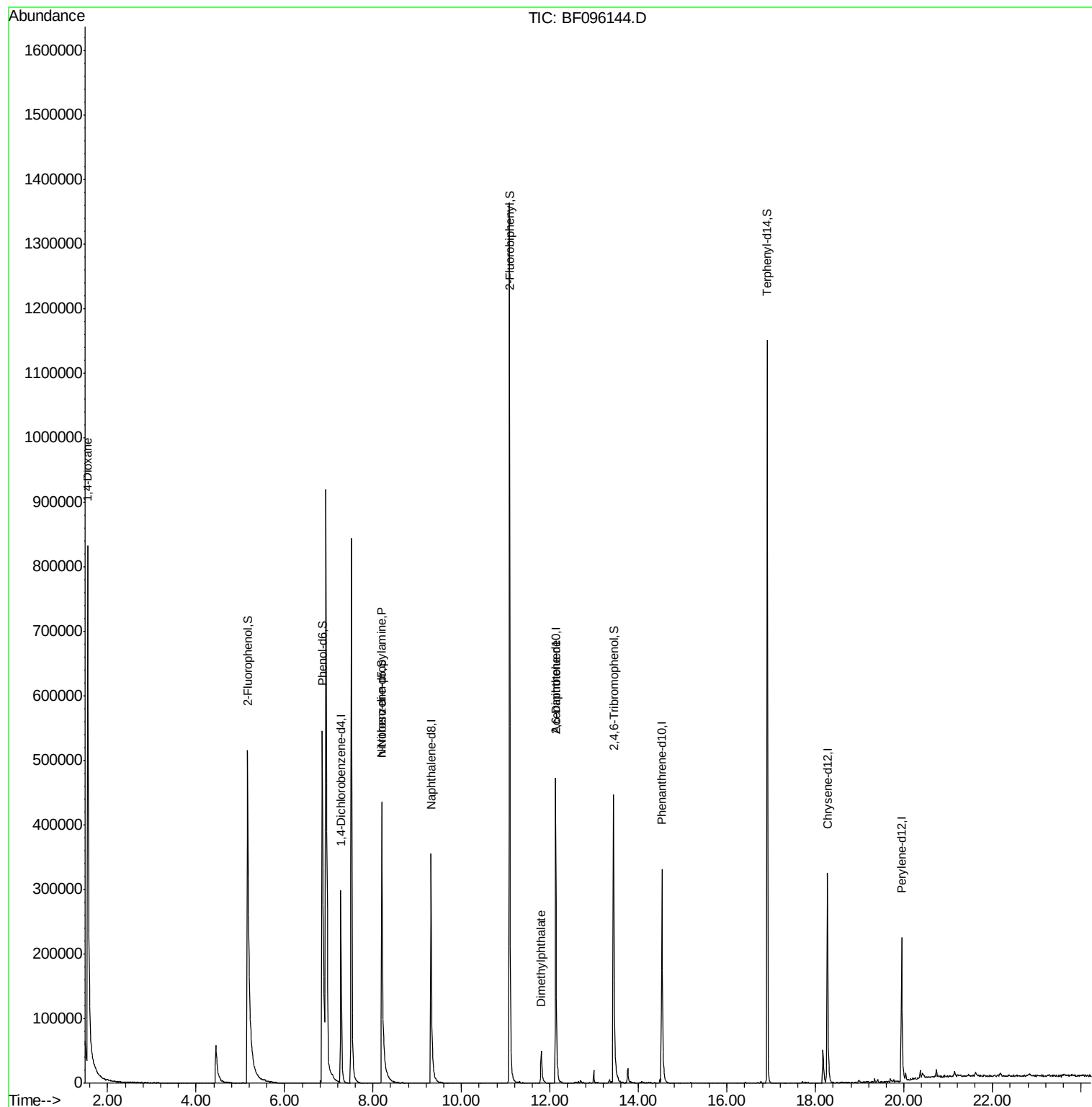
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	77918	20.00	ng	-0.02
21) Naphthalene-d8	9.31	136	332748	20.00	ng	-0.02
38) Acenaphthene-d10	12.13	164	153468	20.00	ng	-0.02
63) Phenanthrene-d10	14.53	188	228455	20.00	ng	-0.01
75) Chrysene-d12	18.27	240	181184	20.00	ng	0.00
86) Perylene-d12	19.94	264	133616	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	508991	104.09	ng	-0.02
7) Phenol-d6	6.85	99	567101	96.87	ng	-0.02
23) Nitrobenzene-d5	8.20	82	322067	60.11	ng	-0.02
41) 2,4,6-Tribromophenol	13.43	330	106484	78.42	ng	-0.02
44) 2-Fluorobiphenyl	11.09	172	664686	60.27	ng	-0.02
78) Terphenyl-d14	16.91	244	450731	61.74	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	1.55	88	39713	17.07	ng	# 21
19) n-Nitroso-di-n-propylamine	8.20	70	38006	10.24	ng	# 74
49) Dimethylphthalate	11.80	163	54749	4.70	ng	98
50) 2,6-Dinitrotoluene	12.13	165	18738	7.37	ng	# 31

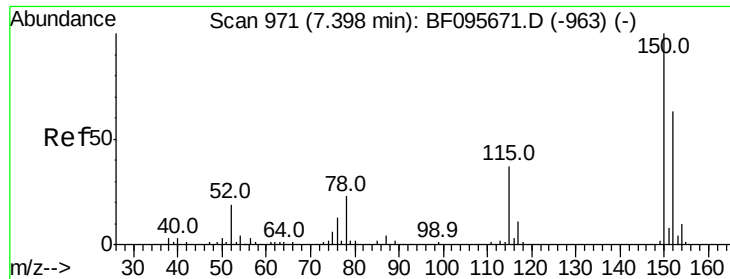
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF096144.D

Acq: 23 Jun 2017 4:18

Instrument :

BNA_F

ClientSampleId :

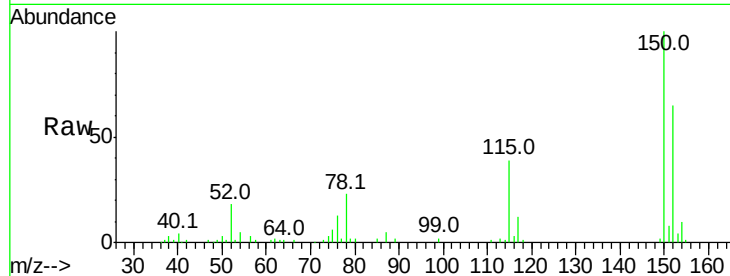
Tot Ion:152 Resp: 77918

Ion Ratio Lower Upper

152 100

150 155.0 126.2 189.2

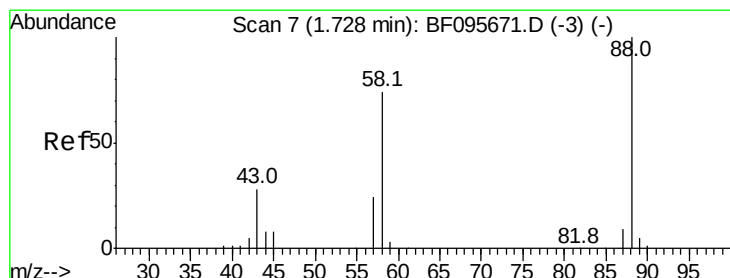
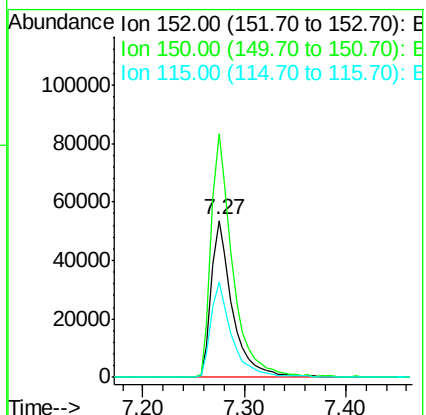
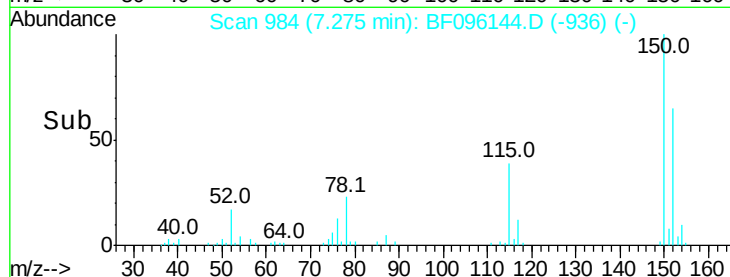
115 60.8 52.2 78.2



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: 17.07 ng

RT: 1.55 min Scan# 10

Delta R.T. -0.06 min

Lab File: BF096144.D

Acq: 23 Jun 2017 4:18

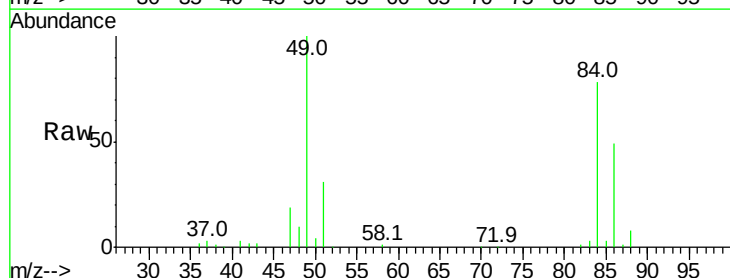
Tgt Ion: 88 Resp: 39713

Ion Ratio Lower Upper

88 100

58 0.0 61.4 92.0#

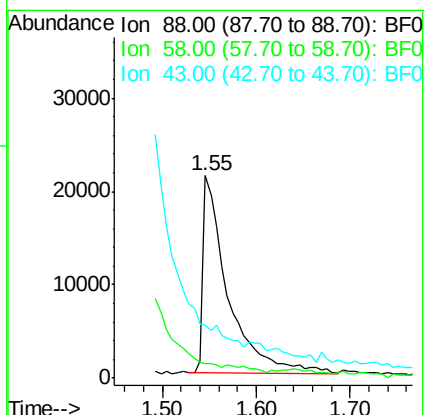
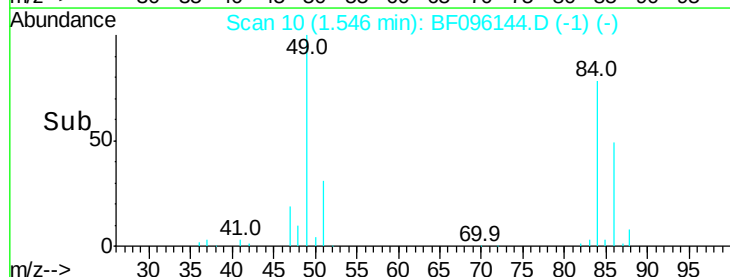
43 0.0 23.4 35.0#

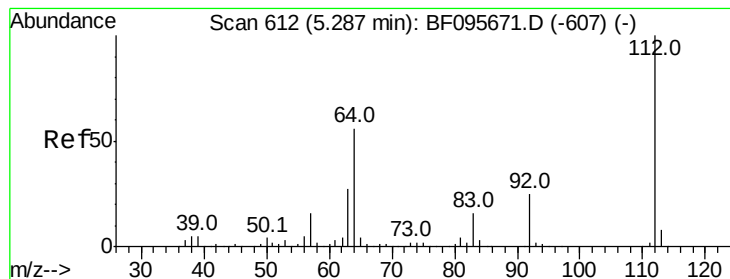


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 104.09 ng

RT: 5.16 min Scan# 625

Delta R.T. -0.02 min

Lab File: BF096144.D

Acq: 23 Jun 2017 4:18

Instrument :

BNA_F

ClientSampled :

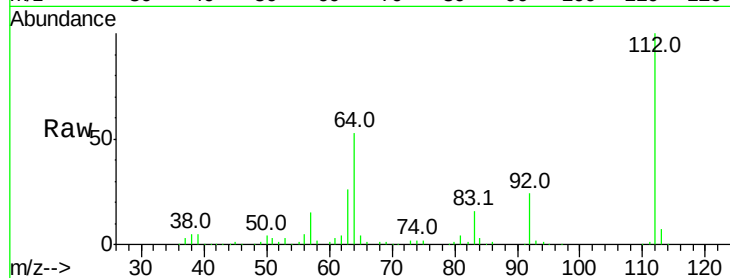
Tot Ion:112 Resp: 508991

Ion Ratio Lower Upper

112 100

64 52.8 46.0 69.0

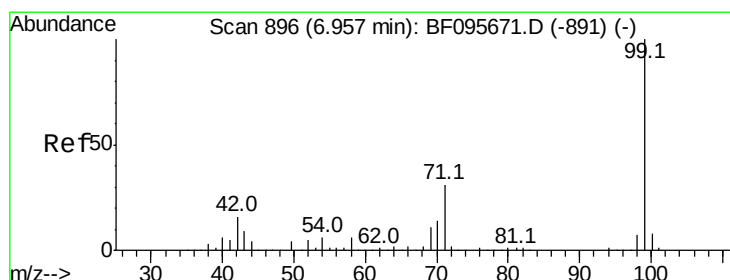
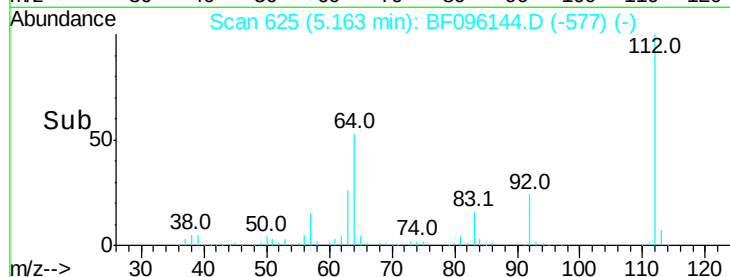
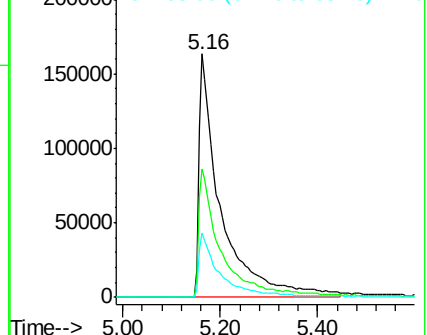
63 26.4 23.4 35.0



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: 96.87 ng

RT: 6.85 min Scan# 912

Delta R.T. -0.02 min

Lab File: BF096144.D

Acq: 23 Jun 2017 4:18

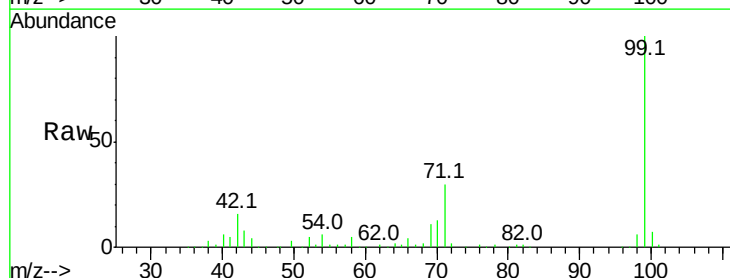
Tgt Ion: 99 Resp: 567101

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

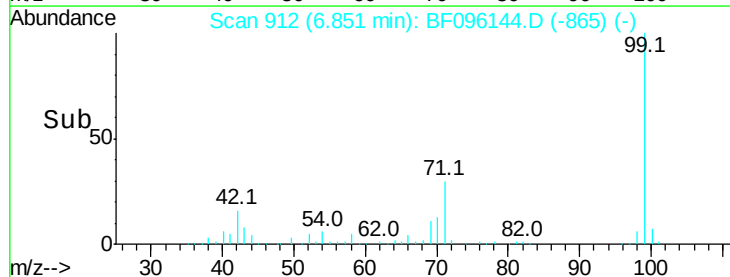
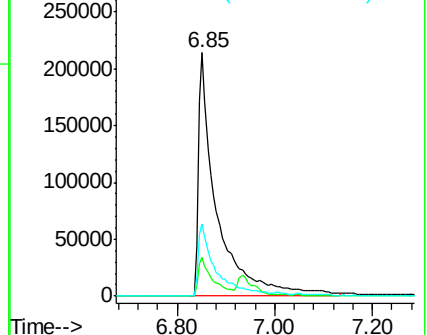
71 29.9 24.5 36.7

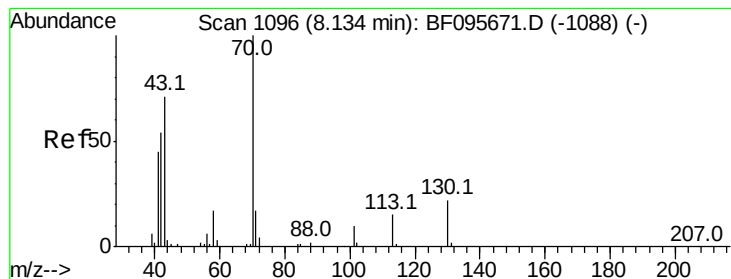


Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 10.24 ng

RT: 8.20 min Scan# 1141

Delta R.T. 0.16 min

Lab File: BF096144.D

Acq: 23 Jun 2017 4:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 38006

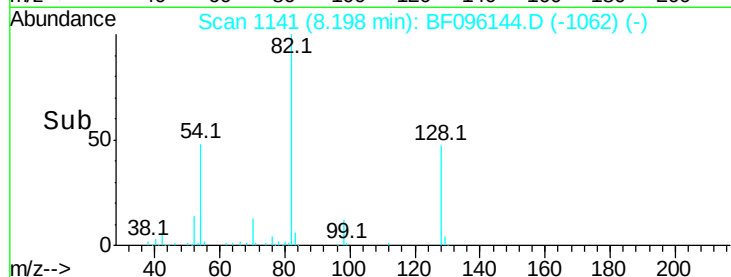
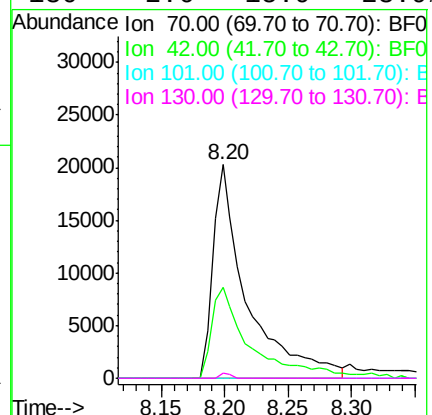
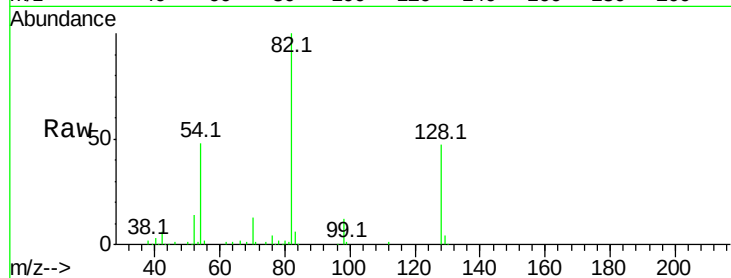
Ion Ratio Lower Upper

70 100

42 42.4 47.2 70.8#

101 0.0 7.2 10.8#

130 2.6 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: BF096144.D

Acq: 23 Jun 2017 4:18

Tgt Ion: 136 Resp: 332748

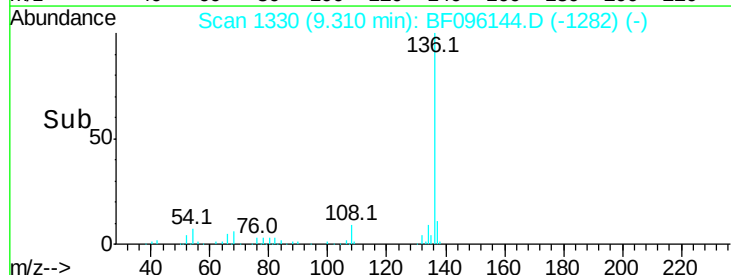
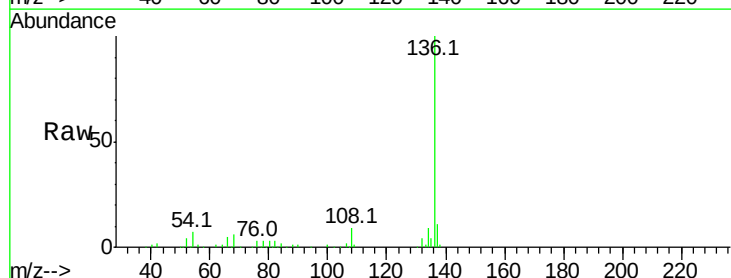
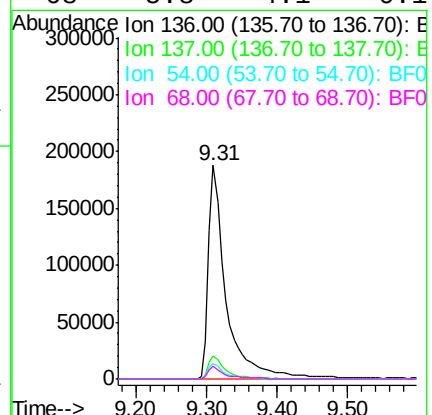
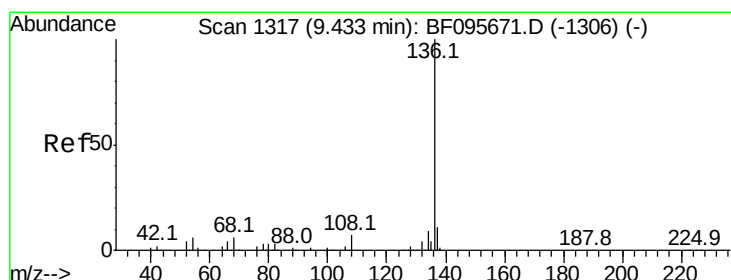
Ion Ratio Lower Upper

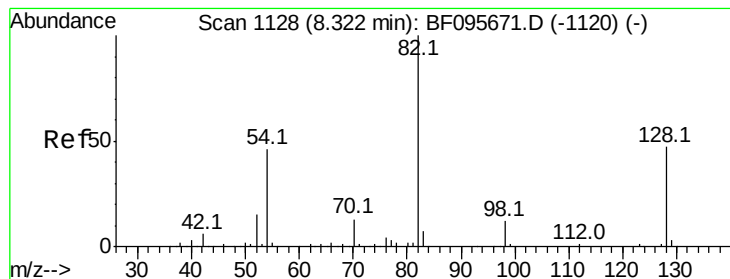
136 100

137 10.6 8.5 12.7

54 7.2 4.9 7.3

68 5.8 4.1 6.1





#23

Nitrobenzene-d5

Concen: 60.11 ng

RT: 8.20 min Scan# 1141

Delta R.T. -0.02 min

Lab File: BF096144.D

Acq: 23 Jun 2017 4:18

Instrument :

BNA_F

ClientSampleId :

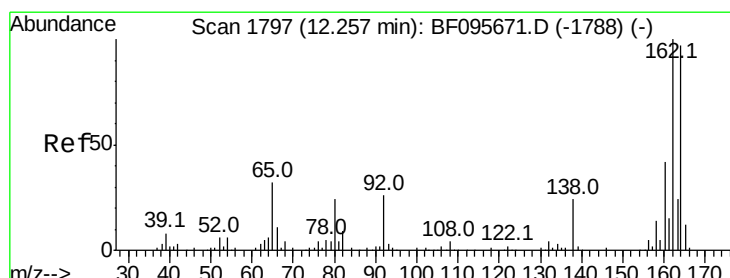
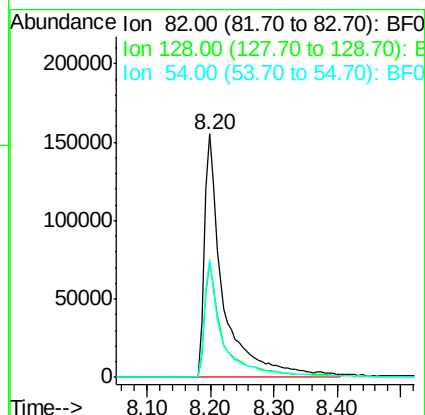
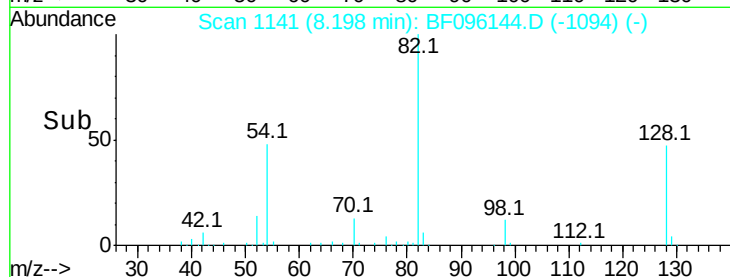
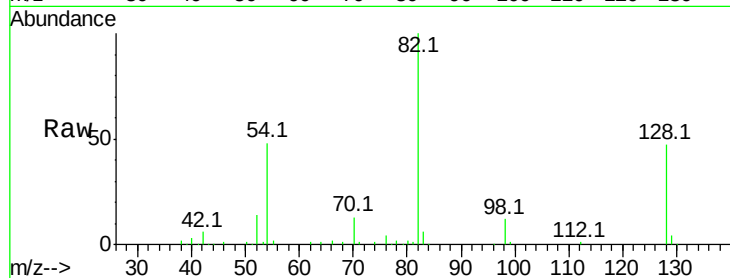
Tot Ion: 82 Resp: 322067

Ion Ratio Lower Upper

82 100

128 47.2 34.0 51.0

54 48.5 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: BF096144.D

Acq: 23 Jun 2017 4:18

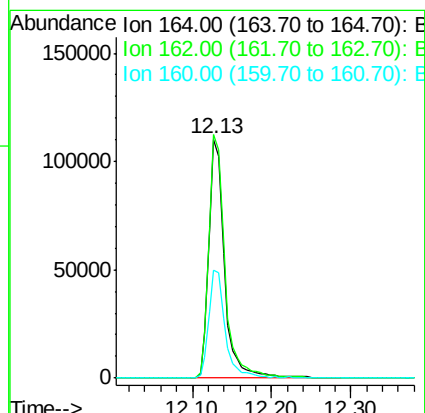
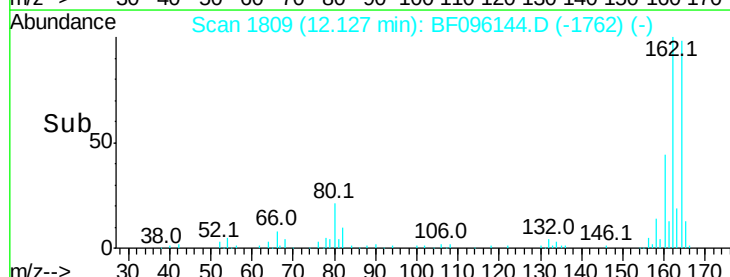
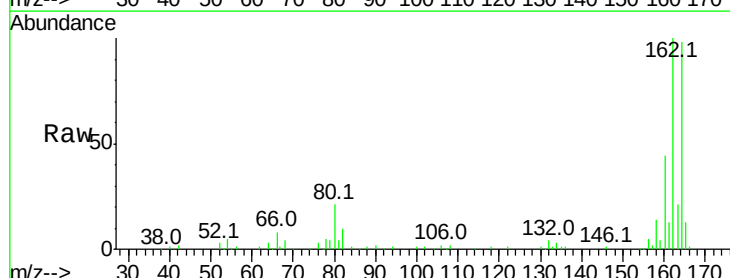
Tgt Ion:164 Resp: 153468

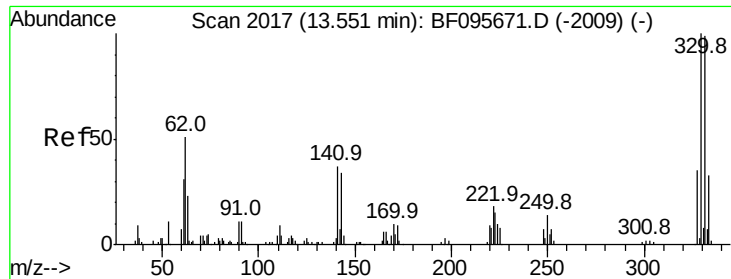
Ion Ratio Lower Upper

164 100

162 101.8 82.6 123.8

160 45.0 36.2 54.2

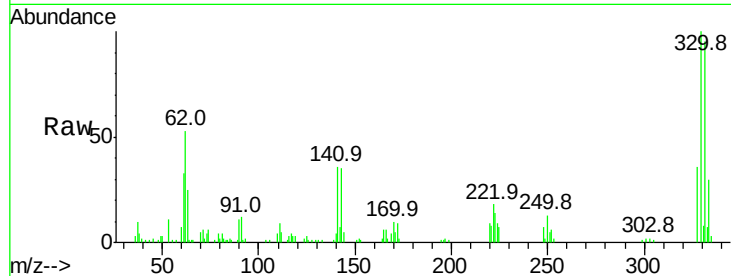




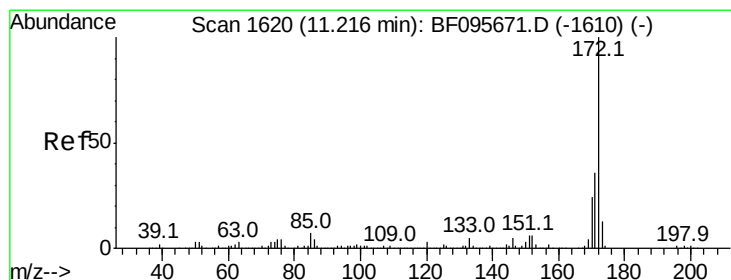
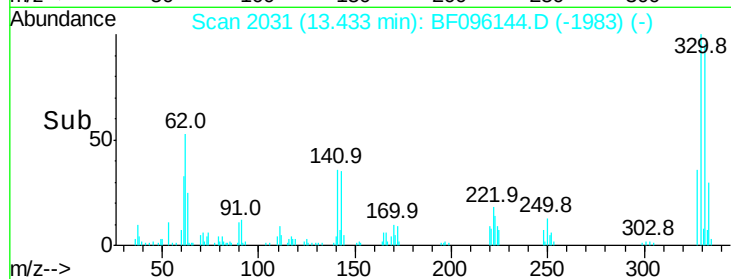
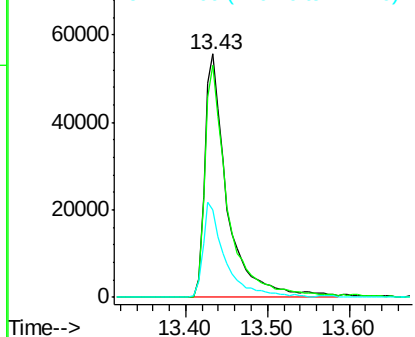
#41
 2,4,6-Tribromophenol
 Concen: 78.42 ng
 RT: 13.43 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BF096144.D
 Acq: 23 Jun 2017 4:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 106484
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 115.0
 141 38.3 31.4 47.2

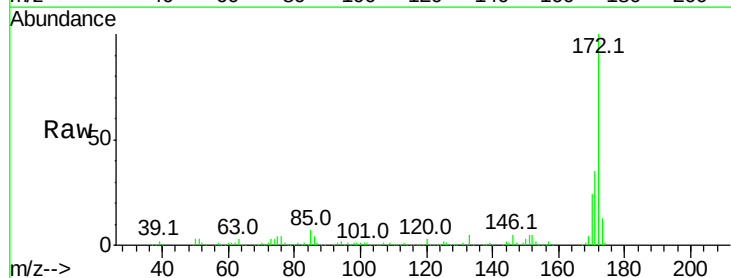


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

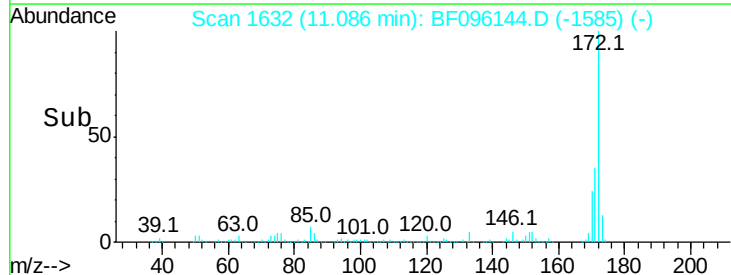
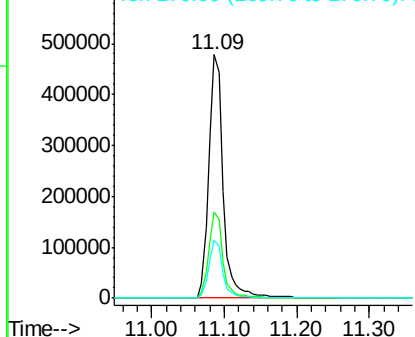


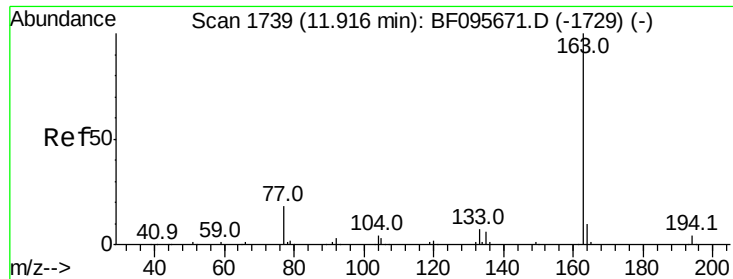
#44
 2-Fluorobiphenyl
 Concen: 60.27 ng
 RT: 11.09 min Scan# 1632
 Delta R.T. -0.02 min
 Lab File: BF096144.D
 Acq: 23 Jun 2017 4:18

Tgt Ion:172 Resp: 664686
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.6 44.4
 170 24.0 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: 4.70 ng

RT: 11.80 min Scan# 1753

Delta R.T. -0.02 min

Lab File: BF096144.D

Acq: 23 Jun 2017 4:18

Instrument :

BNA_F

ClientSampleId :

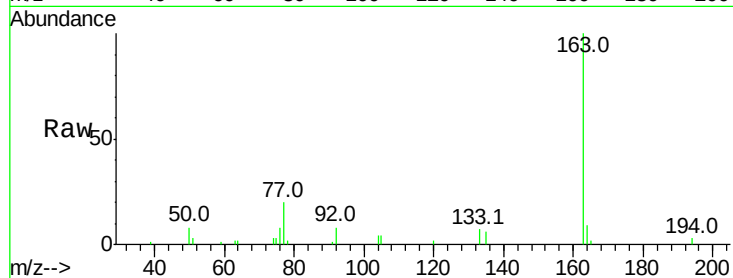
Tot Ion:163 Resp: 54749

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

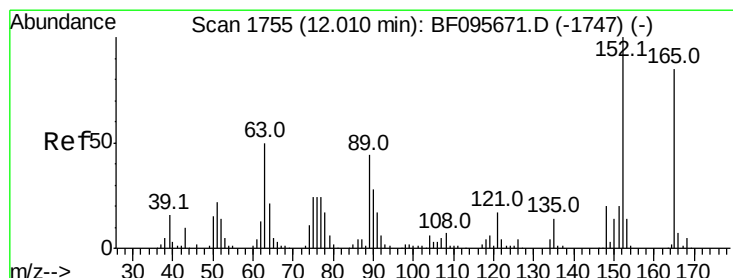
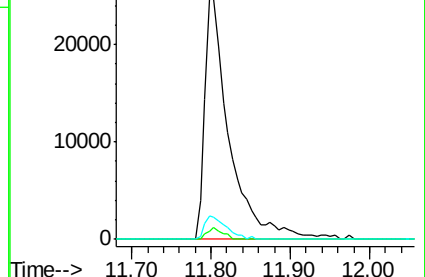
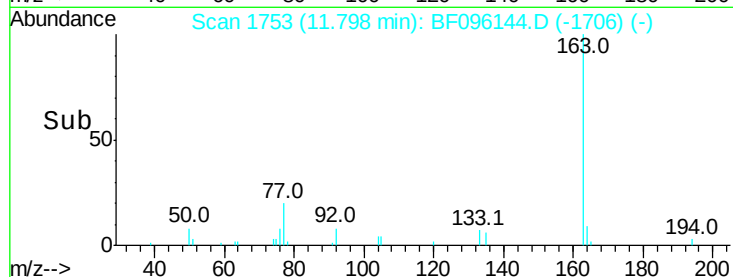
164 9.5 8.4 12.6



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: 7.37 ng

RT: 12.13 min Scan# 1809

Delta R.T. 0.21 min

Lab File: BF096144.D

Acq: 23 Jun 2017 4:18

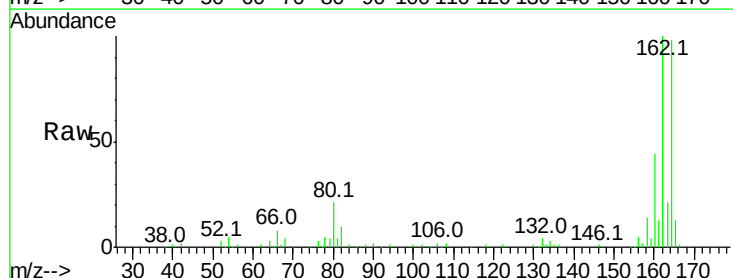
Tgt Ion:165 Resp: 18738

Ion Ratio Lower Upper

165 100

63 0.0 34.3 51.5#

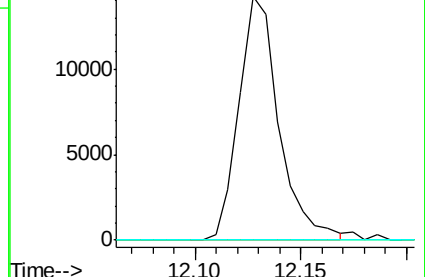
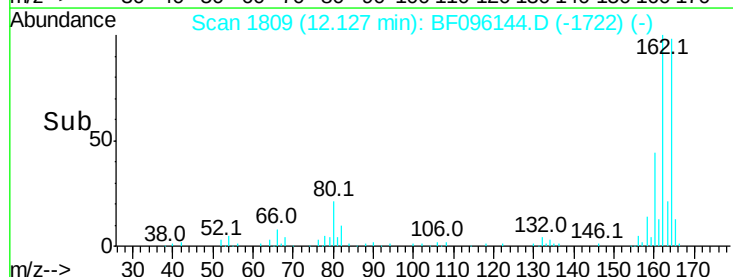
89 0.0 37.1 55.7#

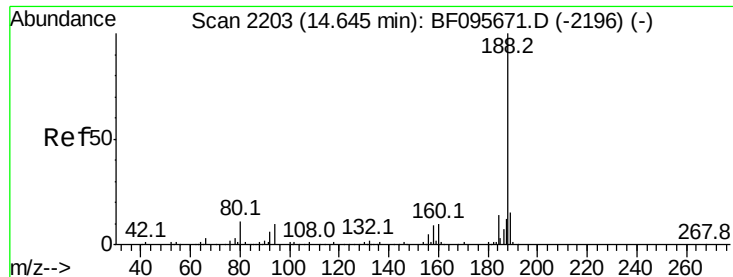


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

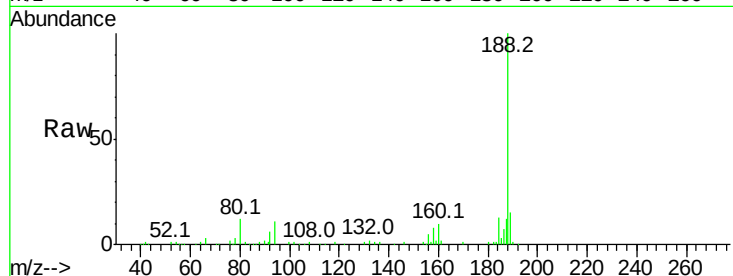




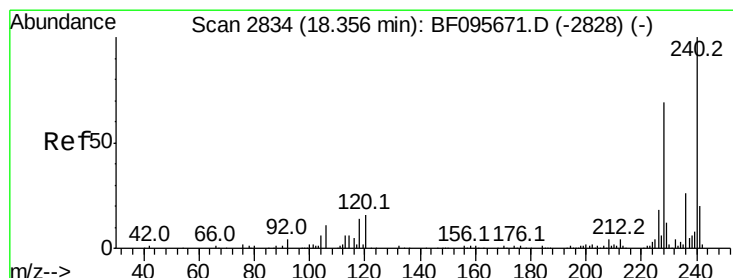
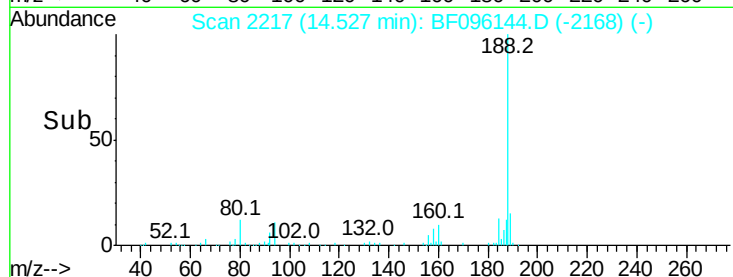
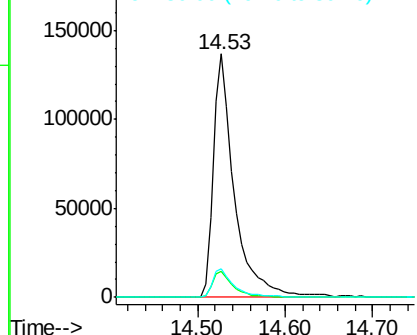
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.53 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF096144.D
Acq: 23 Jun 2017 4:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 228455
Ion Ratio Lower Upper
188 100
94 10.8 9.4 14.2
80 11.6 10.2 15.2

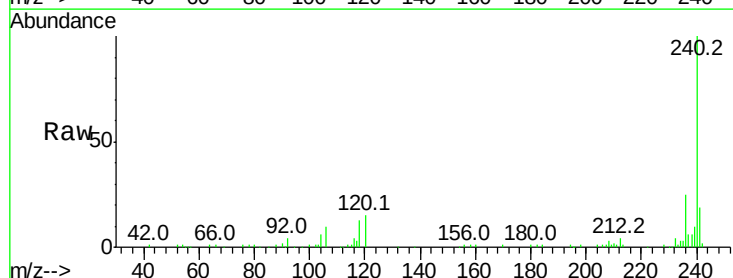


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

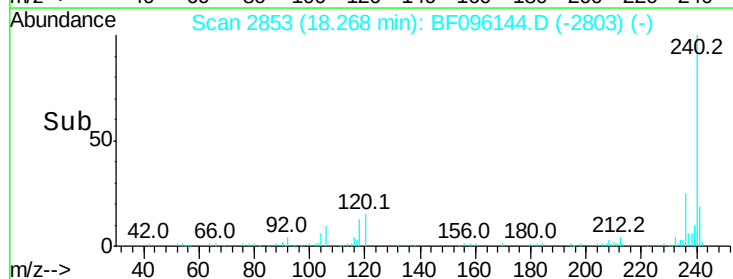
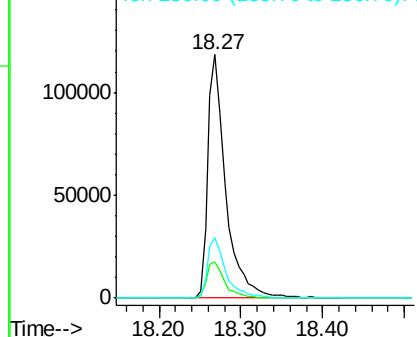


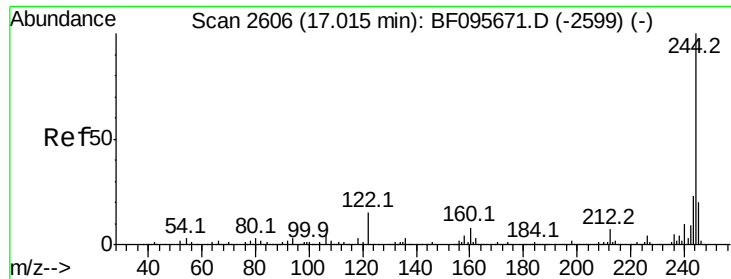
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.27 min Scan# 2853
Delta R.T. -0.01 min
Lab File: BF096144.D
Acq: 23 Jun 2017 4:18

Tgt Ion:240 Resp: 181184
Ion Ratio Lower Upper
240 100
120 14.8 5.8 8.8#
236 24.6 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

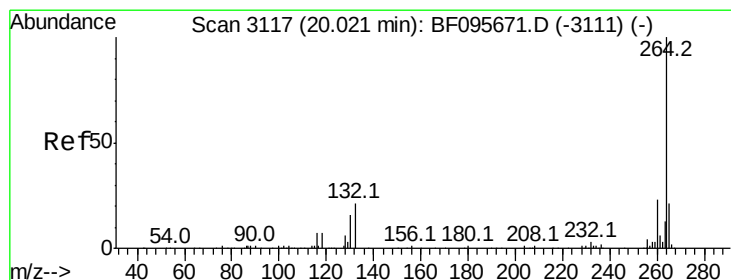
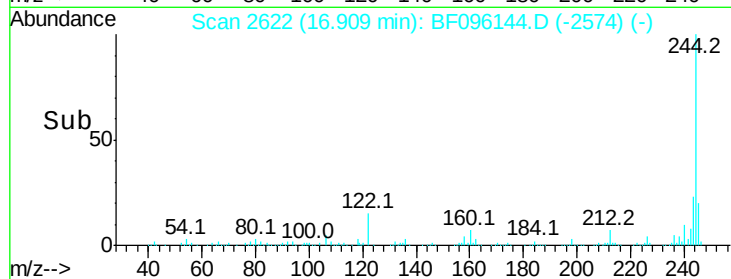
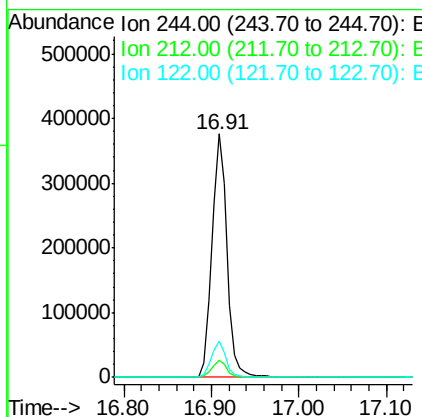
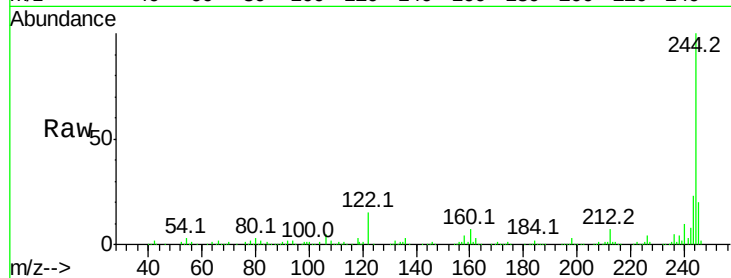




#78
 Terphenyl-d14
 Concen: 61.74 ng
 RT: 16.91 min Scan# 2622
 Delta R.T. -0.02 min
 Lab File: BF096144.D
 Acq: 23 Jun 2017 4:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 450731
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 14.8 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: BF096144.D
 Acq: 23 Jun 2017 4:18

Tgt Ion:264 Resp: 133616
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.5 29.3
 265 21.4 17.2 25.8

