

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062417\
 Data File : BF096201.D
 Acq On : 24 Jun 2017 21:03
 Operator : SJ/MA
 Sample : I3852-08 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 26 01:25:27 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

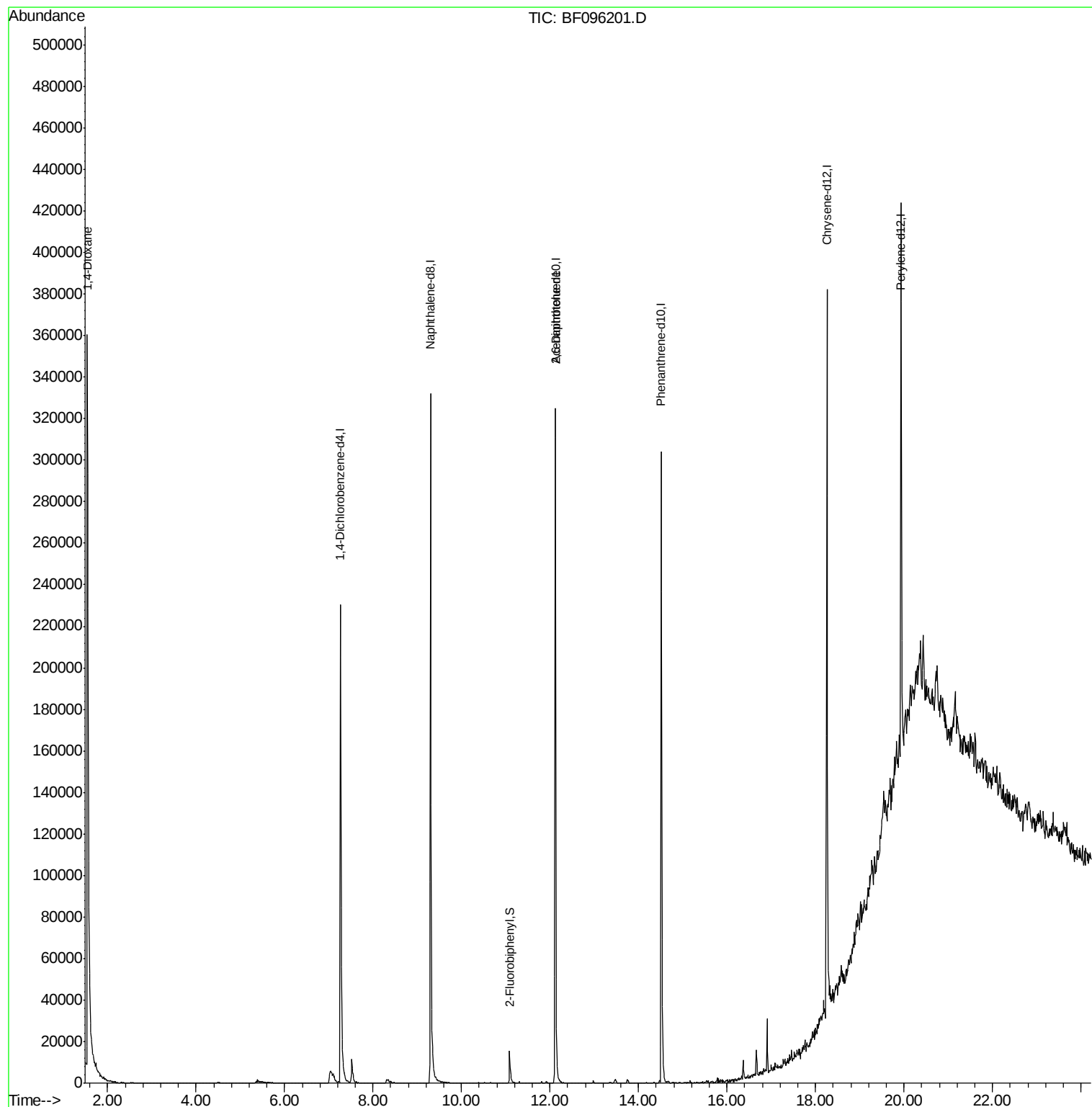
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	70085	20.00	ng	-0.03
21) Naphthalene-d8	9.30	136	269890	20.00	ng	-0.03
38) Acenaphthene-d10	12.12	164	106241	20.00	ng	-0.03
63) Phenanthrene-d10	14.52	188	180589	20.00	ng	-0.02
75) Chrysene-d12	18.26	240	153582	20.00	ng	-0.02
86) Perylene-d12	19.93	264	113430	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1179	0.27	ng	0.18
7) Phenol-d6	7.04	99	1820	0.35	ng	0.16
23) Nitrobenzene-d5	8.31	82	1400	0.32	ng	0.09
41) 2,4,6-Tribromophenol	13.47	330	1594	1.70	ng	0.02
44) 2-Fluorobiphenyl	11.09	172	15589	2.04	ng	-0.02
78) Terphenyl-d14	16.90	244	11464	1.85	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	1.54	88	19494	9.32	ng	# 21
50) 2,6-Dinitrotoluene	12.12	165	12766	7.26	ng	# 31

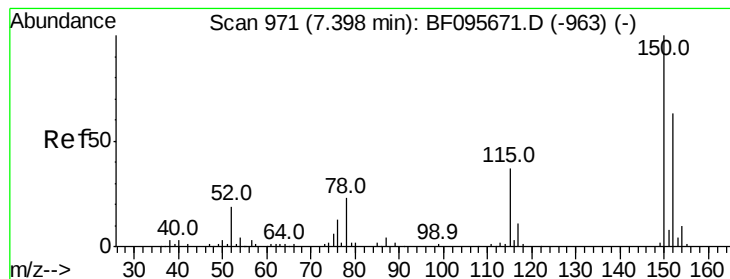
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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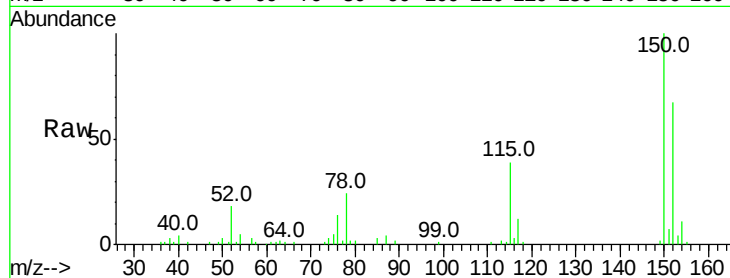


#1

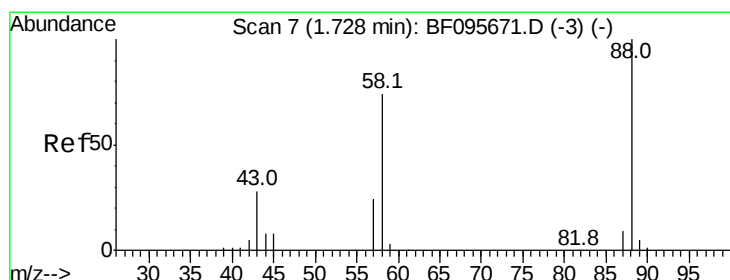
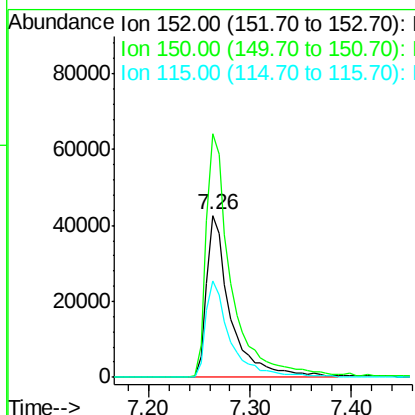
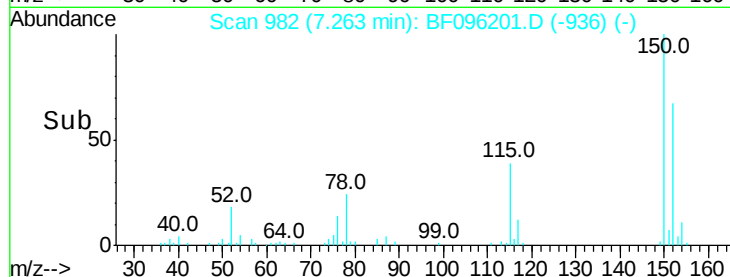
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.26 min Scan# 982
Delta R.T. -0.03 min
Lab File: BF096201.D
Acq: 24 Jun 2017 21:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 70085
Ion Ratio Lower Upper
152 100
150 150.4 126.2 189.2
115 59.2 52.2 78.2



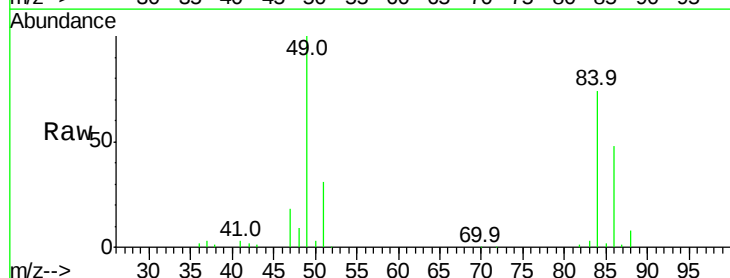
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



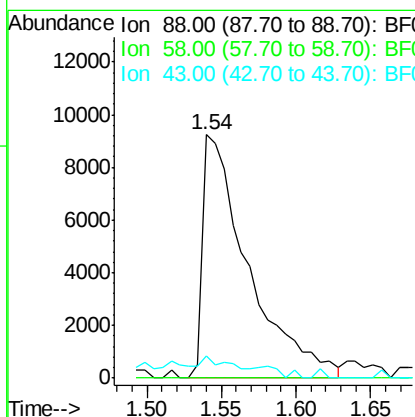
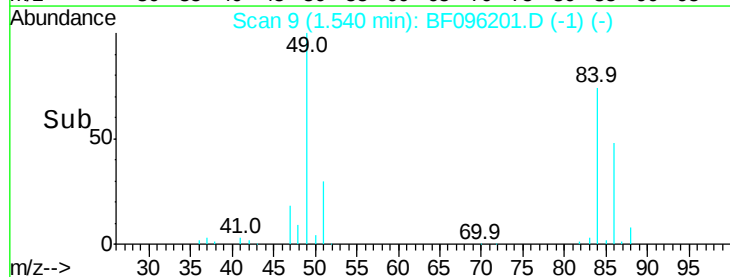
#2

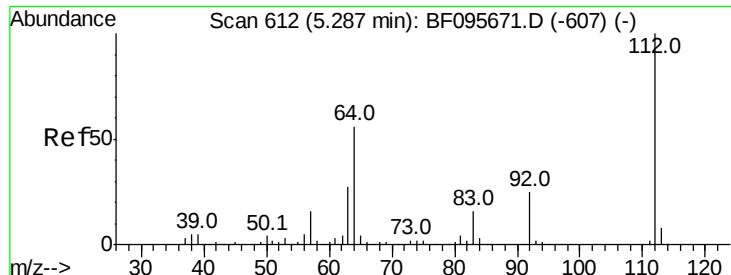
1,4-Dioxane
Concen: 9.32 ng
RT: 1.54 min Scan# 9
Delta R.T. -0.07 min
Lab File: BF096201.D
Acq: 24 Jun 2017 21:03

Tgt Ion: 88 Resp: 19494
Ion Ratio Lower Upper
88 100
58 0.0 61.4 92.0#
43 1.8 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: 0.27 ng

RT: 5.36 min Scan# 659

Delta R.T. 0.18 min

Lab File: BF096201.D

Acq: 24 Jun 2017 21:03

Instrument :

BNA_F

ClientSampleId :

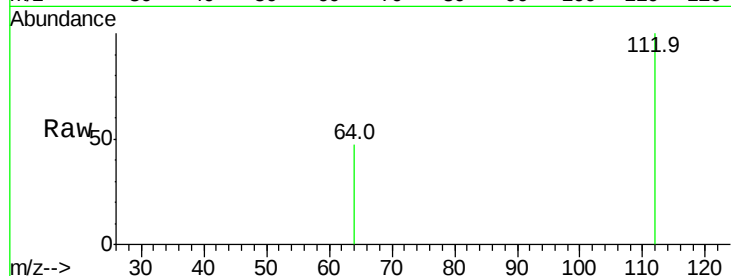
Tot Ion:112 Resp: 1179

Ion Ratio Lower Upper

112 100

64 46.7 46.0 69.0

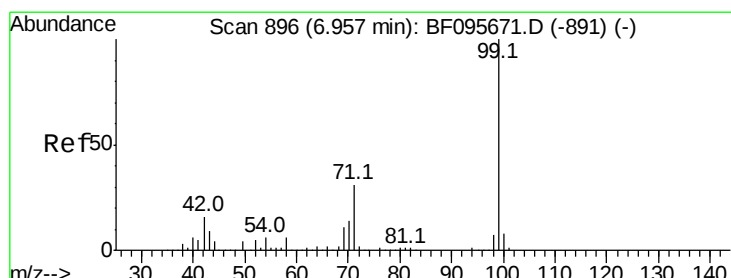
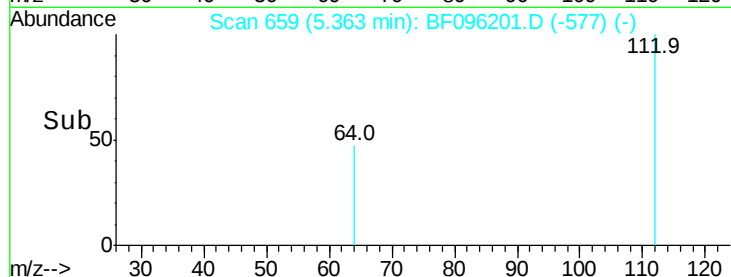
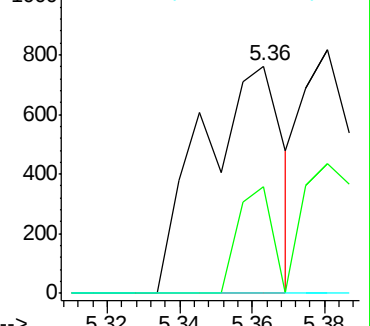
63 0.0 23.4 35.0#



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: 0.35 ng

RT: 7.04 min Scan# 944

Delta R.T. 0.16 min

Lab File: BF096201.D

Acq: 24 Jun 2017 21:03

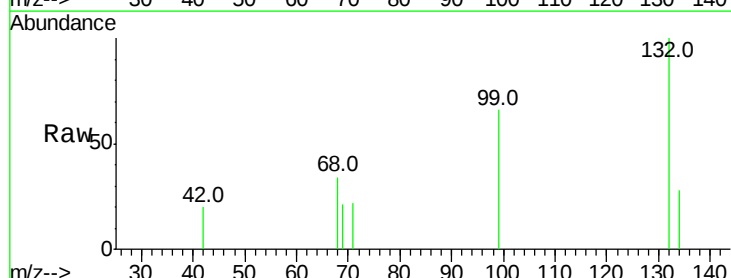
Tgt Ion: 99 Resp: 1820

Ion Ratio Lower Upper

99 100

42 30.1 13.5 20.3#

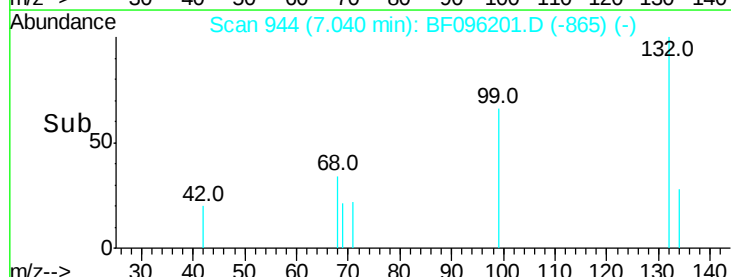
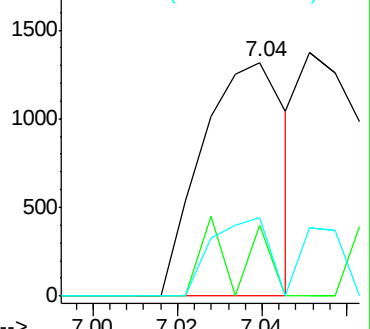
71 33.6 24.5 36.7

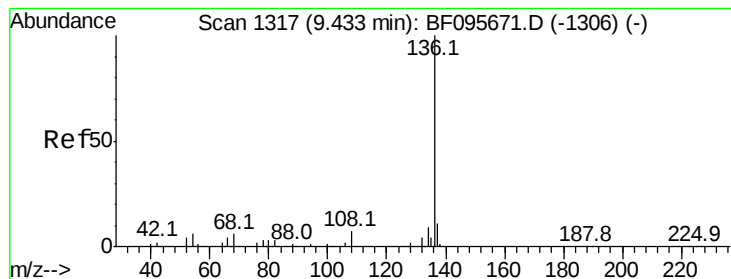


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.30 min Scan# 1328

Delta R.T. -0.03 min

Lab File: BF096201.D

Acq: 24 Jun 2017 21:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 269890

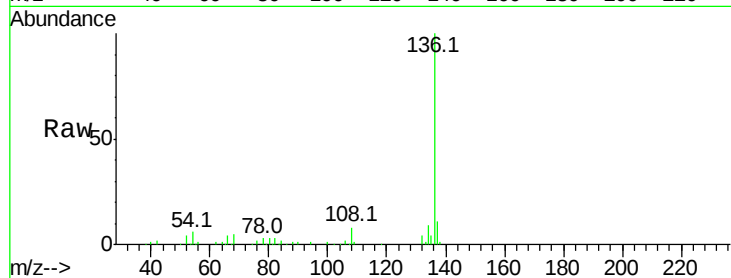
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.3 4.9 7.3

68 5.4 4.1 6.1

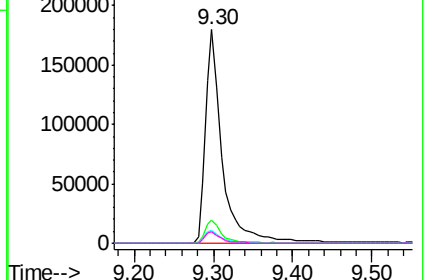
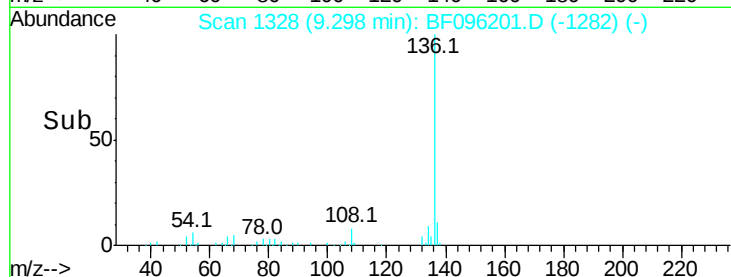


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.32 ng

RT: 8.31 min Scan# 1160

Delta R.T. 0.09 min

Lab File: BF096201.D

Acq: 24 Jun 2017 21:03

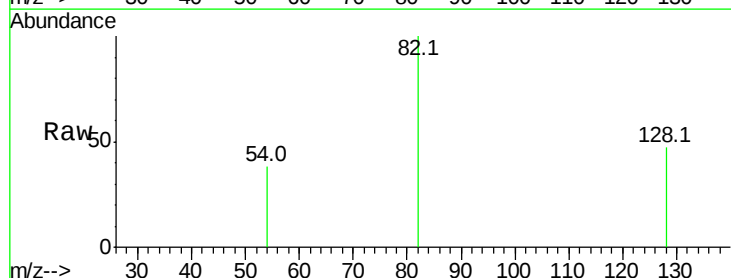
Tgt Ion: 82 Resp: 1400

Ion Ratio Lower Upper

82 100

128 47.2 34.0 51.0

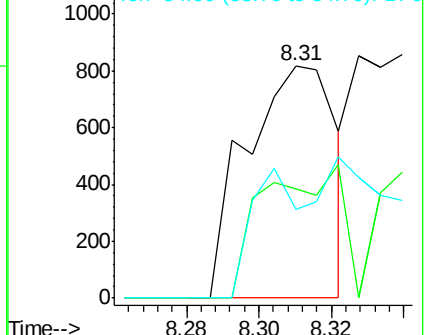
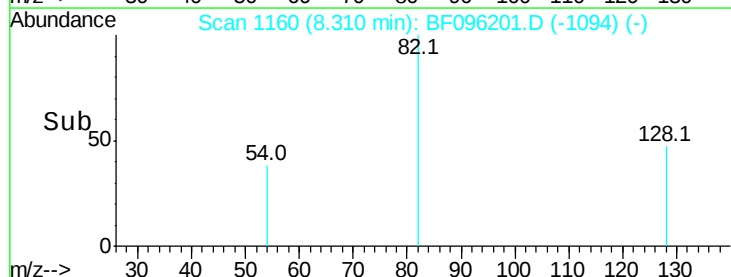
54 38.3 42.2 63.2#

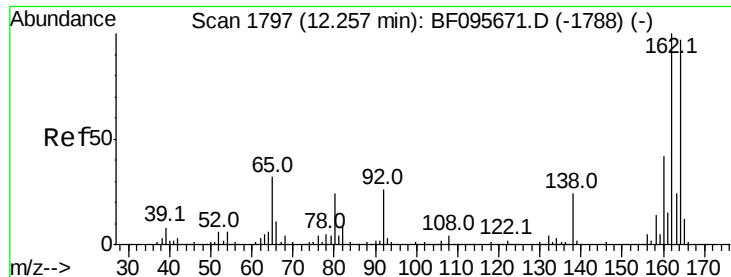


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.12 min Scan# 1808

Delta R.T. -0.03 min

Lab File: BF096201.D

Acq: 24 Jun 2017 21:03

Instrument :

BNA_F

ClientSampleId :

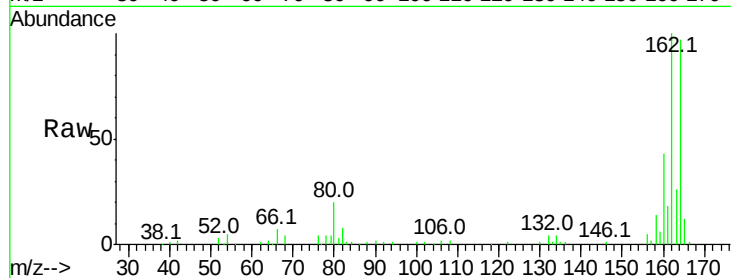
Tot Ion:164 Resp: 106241

Ion Ratio Lower Upper

164 100

162 102.7 82.6 123.8

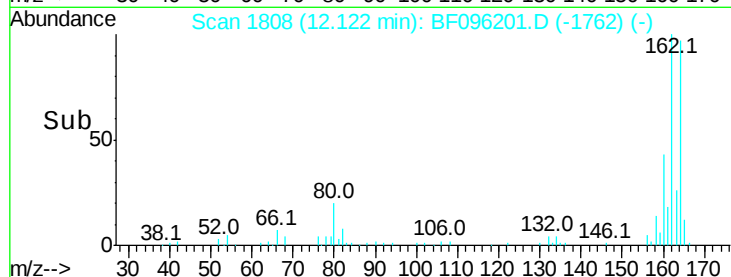
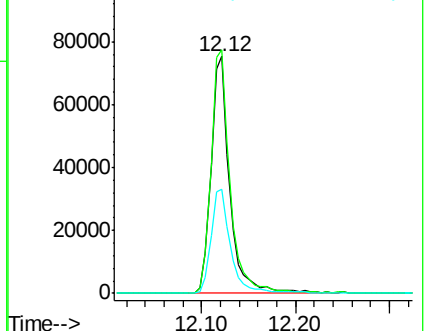
160 44.1 36.2 54.2



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: 1.70 ng

RT: 13.47 min Scan# 2037

Delta R.T. 0.02 min

Lab File: BF096201.D

Acq: 24 Jun 2017 21:03

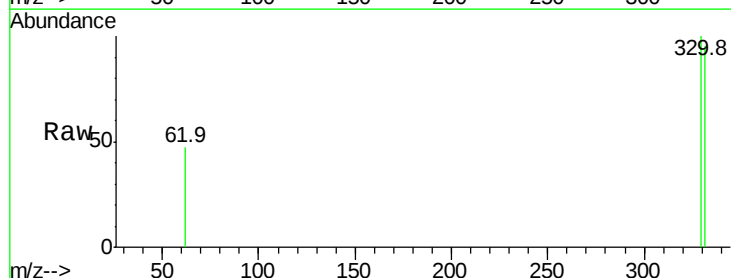
Tgt Ion:330 Resp: 1594

Ion Ratio Lower Upper

330 100

332 44.0 76.6 115.0#

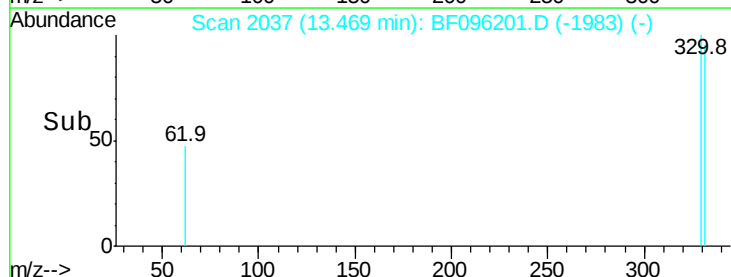
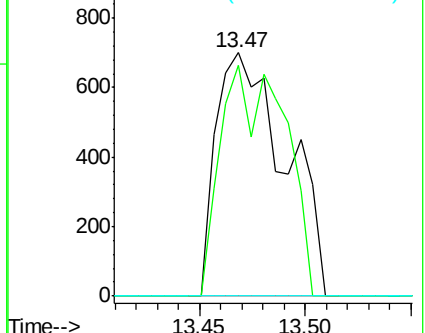
141 0.0 31.4 47.2#



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

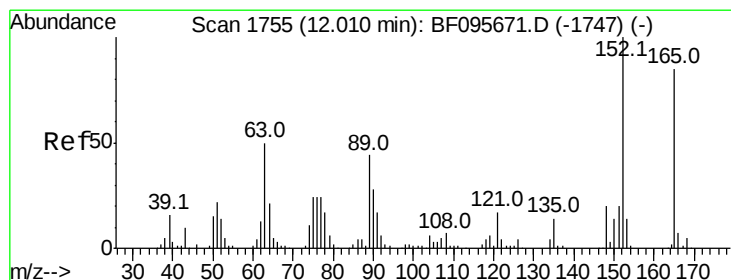
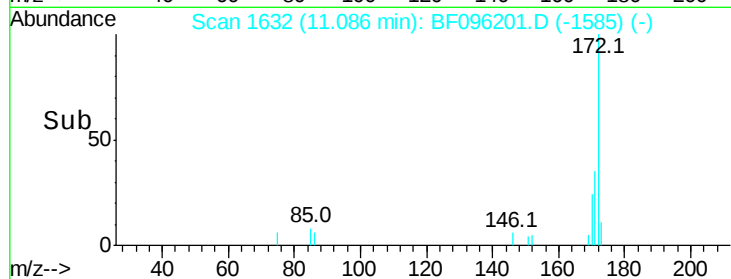
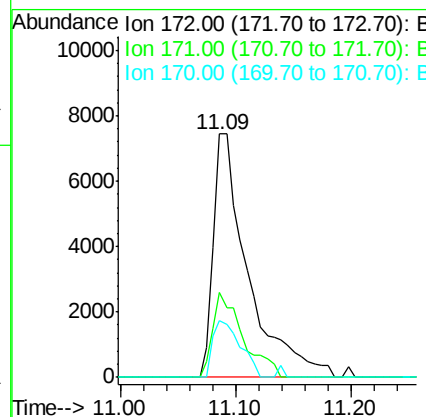
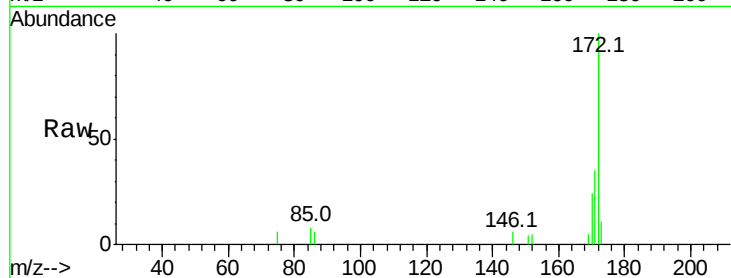




#44
 2-Fluorobiphenyl
 Concen: 2.04 ng
 RT: 11.09 min Scan# 1632
 Delta R.T. -0.02 min
 Lab File: BF096201.D
 Acq: 24 Jun 2017 21:03

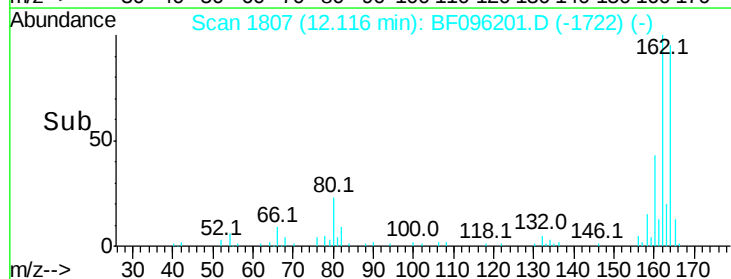
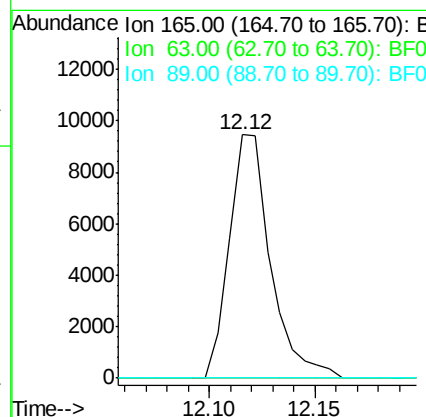
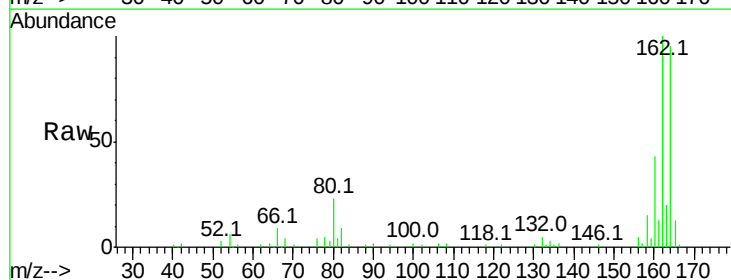
Instrument :
 BNA_F
 ClientSampleId :

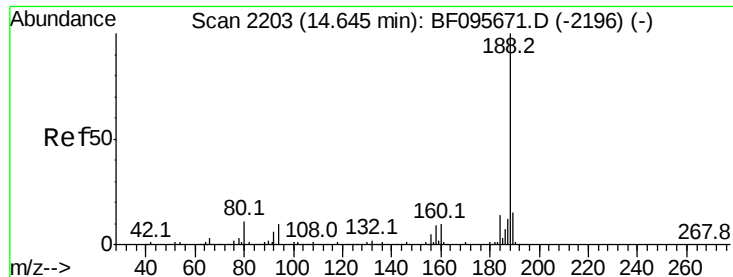
Tot Ion:172 Resp: 15589
 Ion Ratio Lower Upper
 172 100
 171 34.6 29.6 44.4
 170 23.5 19.8 29.8



#50
 2,6-Dinitrotoluene
 Concen: 7.26 ng
 RT: 12.12 min Scan# 1807
 Delta R.T. 0.20 min
 Lab File: BF096201.D
 Acq: 24 Jun 2017 21:03

Tgt Ion:165 Resp: 12766
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#

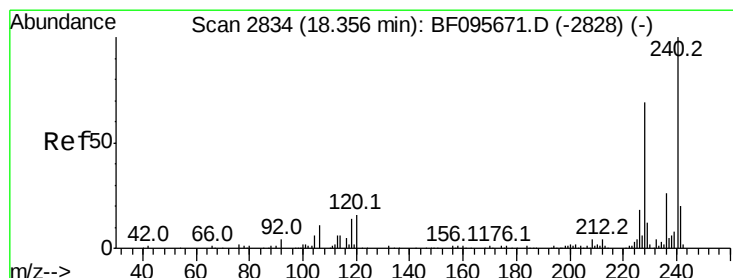
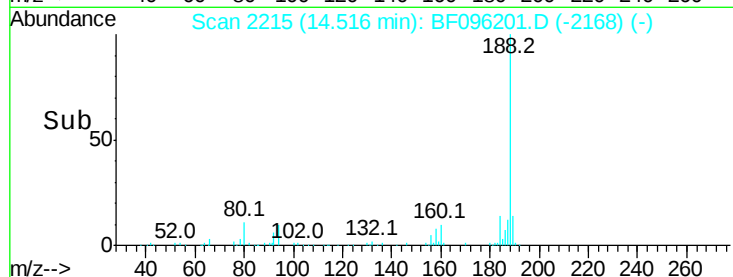
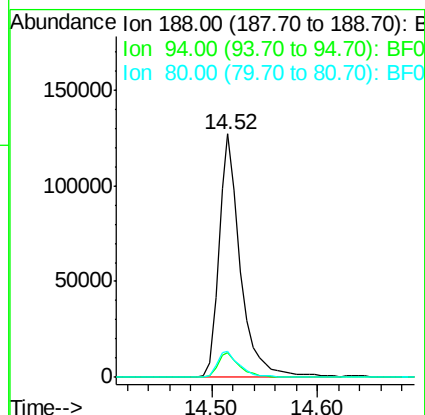
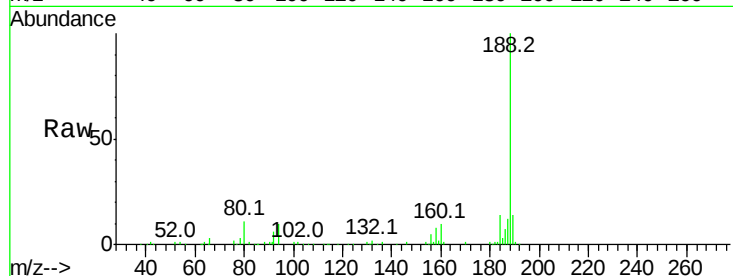




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.52 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF096201.D
Acq: 24 Jun 2017 21:03

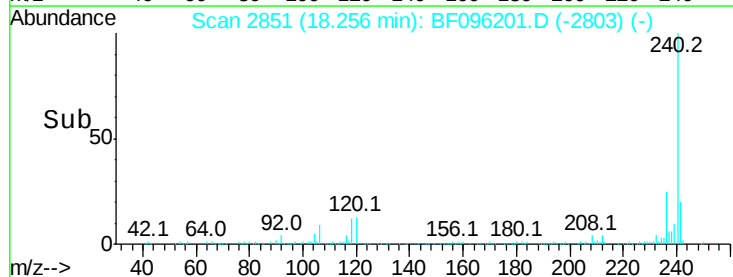
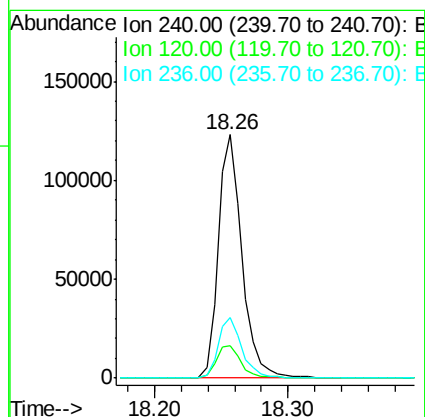
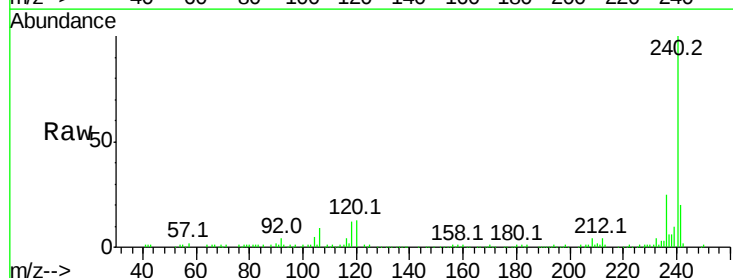
Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 180589
Ion Ratio Lower Upper
188 100
94 10.4 9.4 14.2
80 10.8 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.26 min Scan# 2851
Delta R.T. -0.02 min
Lab File: BF096201.D
Acq: 24 Jun 2017 21:03

Tgt Ion:240 Resp: 153582
Ion Ratio Lower Upper
240 100
120 13.4 5.8 8.8#
236 24.9 20.5 30.7

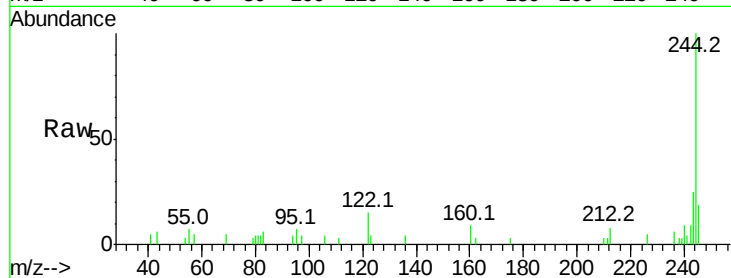




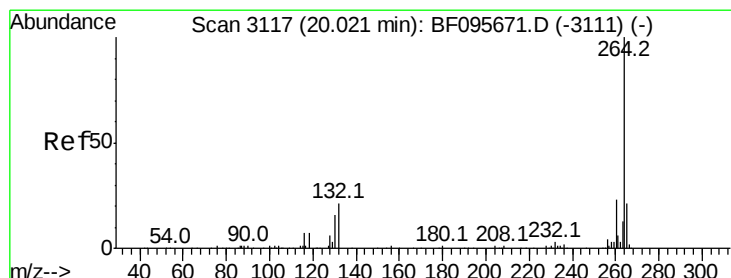
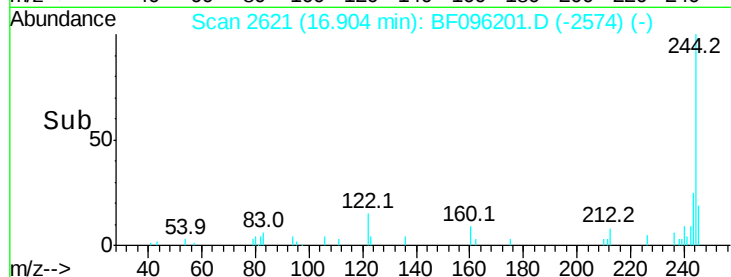
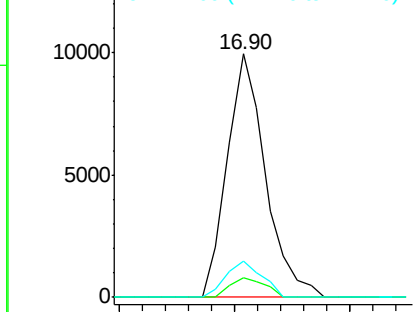
#78
 Terphenyl-d14
 Concen: 1.85 ng
 RT: 16.90 min Scan# 2621
 Delta R.T. -0.02 min
 Lab File: BF096201.D
 Acq: 24 Jun 2017 21:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 11464
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.0 9.0
 122 15.0 10.3 15.5

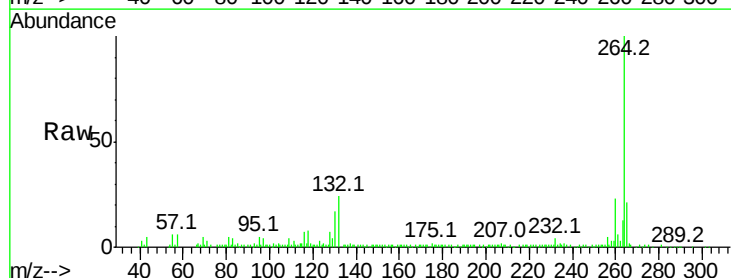


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.93 min Scan# 3136
 Delta R.T. -0.01 min
 Lab File: BF096201.D
 Acq: 24 Jun 2017 21:03

Tgt Ion:264 Resp: 113430
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 20.7 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

