

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062217\
 Data File : BF096117.D
 Acq On : 22 Jun 2017 12:31
 Operator : SJ/MA
 Sample : I3762-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 22 16:22:21 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

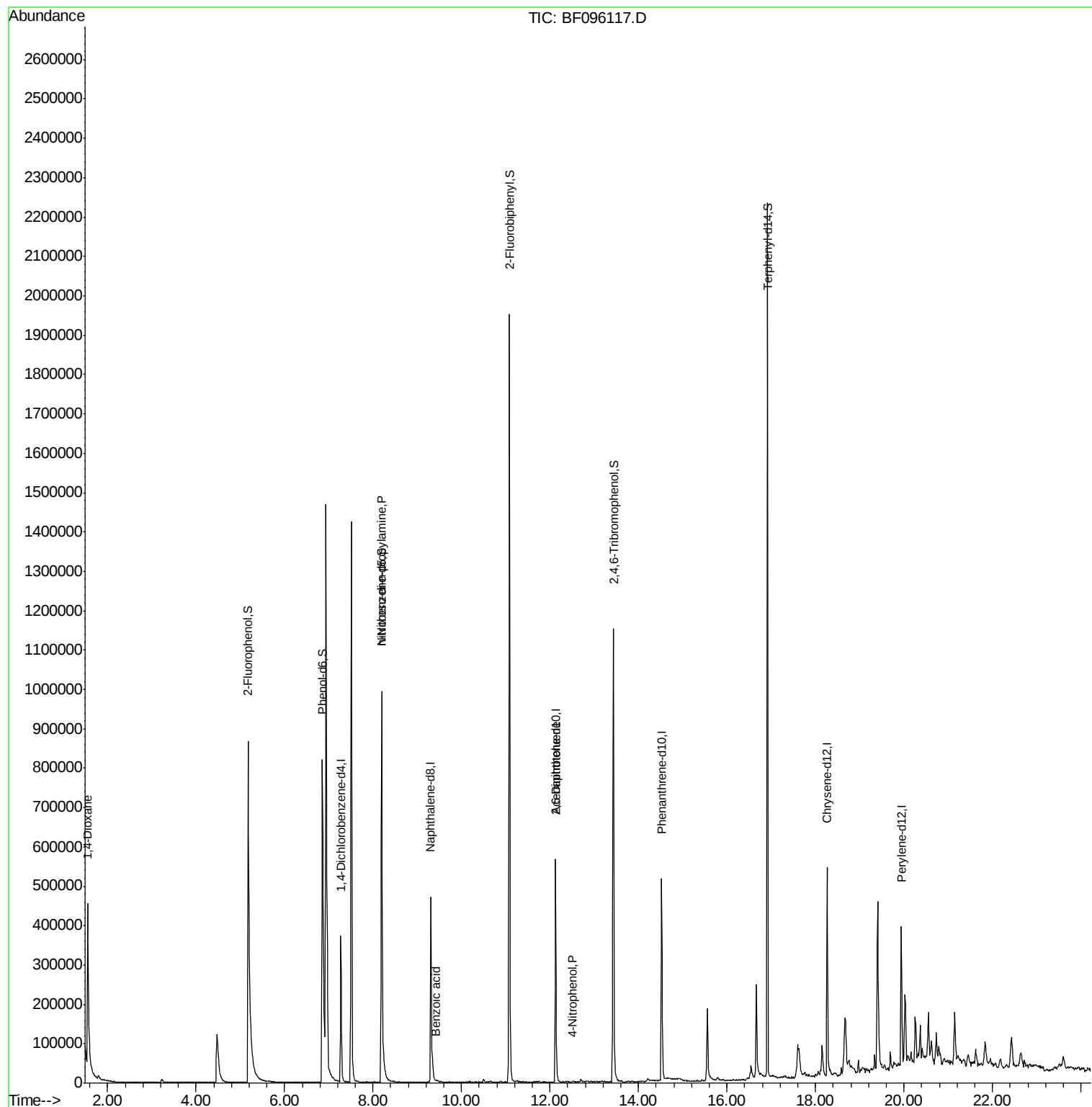
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	89565	20.00	ng	-0.02
21) Naphthalene-d8	9.30	136	390208	20.00	ng	-0.02
38) Acenaphthene-d10	12.13	164	173336	20.00	ng	-0.02
63) Phenanthrene-d10	14.52	188	302914	20.00	ng	-0.02
75) Chrysene-d12	18.26	240	255087	20.00	ng	-0.01
86) Perylene-d12	19.94	264	189980	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	723273	128.68	ng	0.00
7) Phenol-d6	6.86	99	788117	117.12	ng	-0.02
23) Nitrobenzene-d5	8.20	82	573273	91.24	ng	-0.02
41) 2,4,6-Tribromophenol	13.43	330	217270	141.67	ng	-0.02
44) 2-Fluorobiphenyl	11.09	172	1051107	84.38	ng	-0.02
78) Terphenyl-d14	16.92	244	997727	97.07	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.55	88	21567	8.07	ng	# 21
19) n-Nitroso-di-n-propylamine	8.20	70	73017	17.12	ng	# 74
32) Benzoic acid	9.43	122	109	5.15	ng	# 31
50) 2,6-Dinitrotoluene	12.13	165	22321	7.78	ng	# 33
55) 4-Nitrophenol	12.51	139	248	4.75	ng	# 25

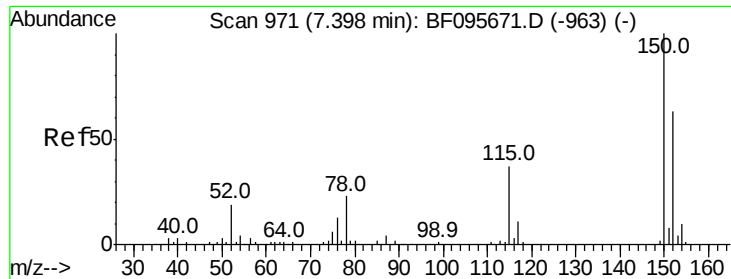
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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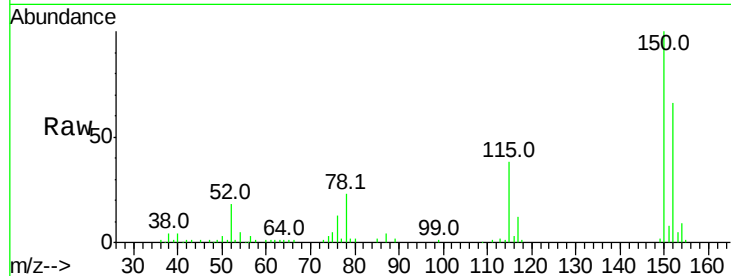


#1

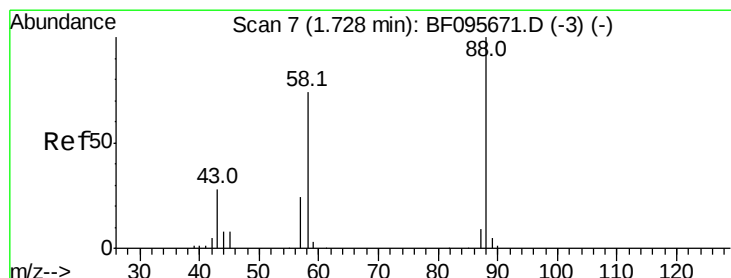
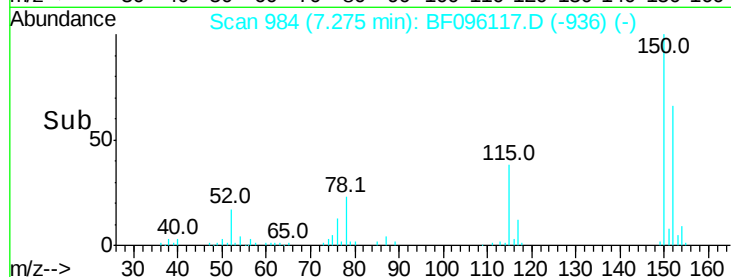
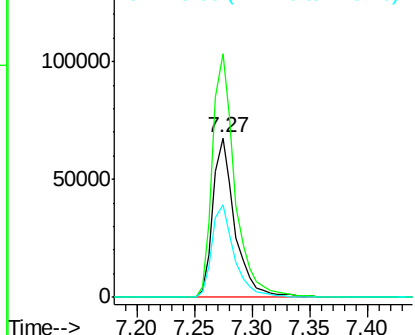
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.27 min Scan# 984
Delta R.T. -0.02 min
Lab File: BF096117.D
Acq: 22 Jun 2017 12:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 89565
Ion Ratio Lower Upper
152 100
150 152.6 126.2 189.2
115 58.2 52.2 78.2



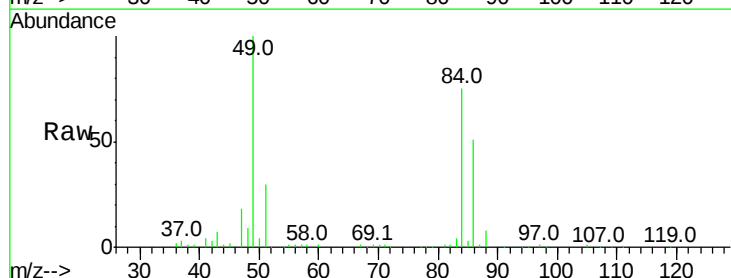
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



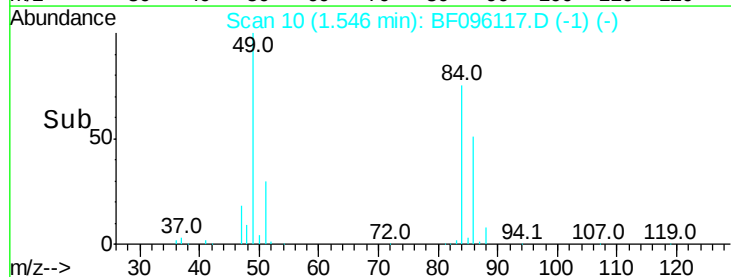
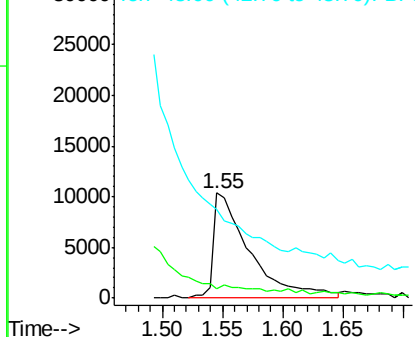
#2

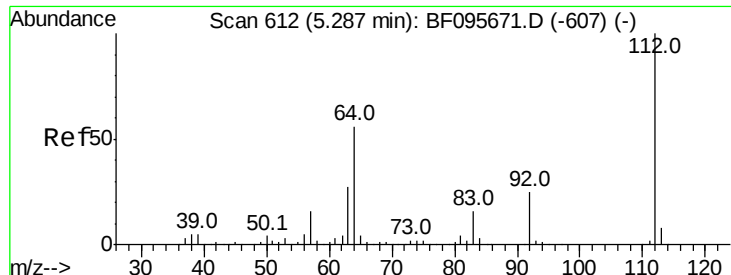
1,4-Dioxane
Concen: 8.07 ng
RT: 1.55 min Scan# 10
Delta R.T. -0.06 min
Lab File: BF096117.D
Acq: 22 Jun 2017 12:31

Tgt Ion: 88 Resp: 21567
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: 128.68 ng

RT: 5.17 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF096117.D

Acq: 22 Jun 2017 12:31

Instrument :

BNA_F

ClientSampleId :

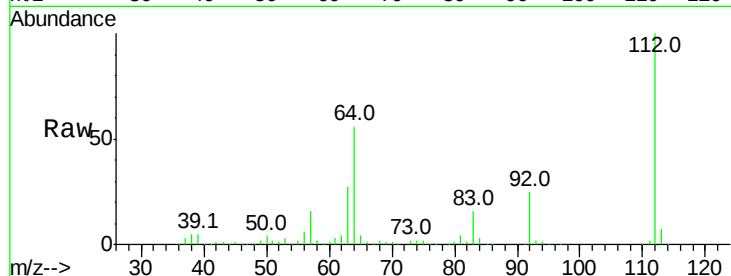
Tot Ion:112 Resp: 723273

Ion Ratio Lower Upper

112 100

64 55.9 46.0 69.0

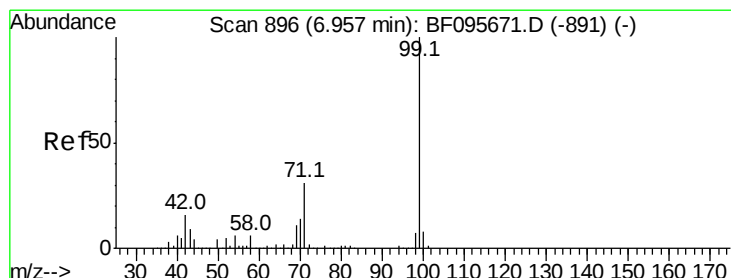
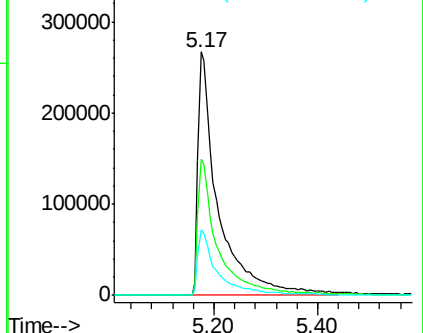
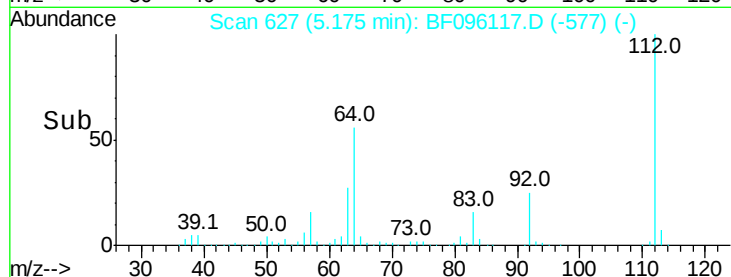
63 27.2 23.4 35.0



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: 117.12 ng

RT: 6.86 min Scan# 913

Delta R.T. -0.02 min

Lab File: BF096117.D

Acq: 22 Jun 2017 12:31

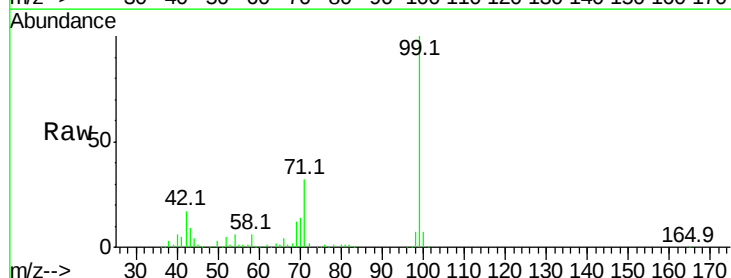
Tgt Ion: 99 Resp: 788117

Ion Ratio Lower Upper

99 100

42 16.8 13.5 20.3

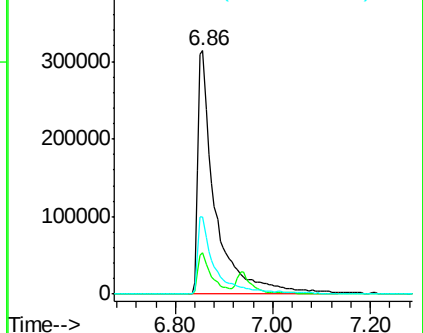
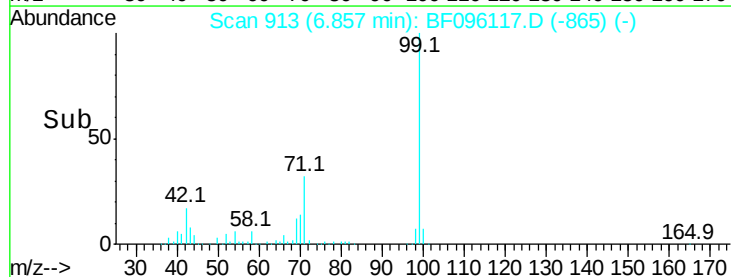
71 31.8 24.5 36.7

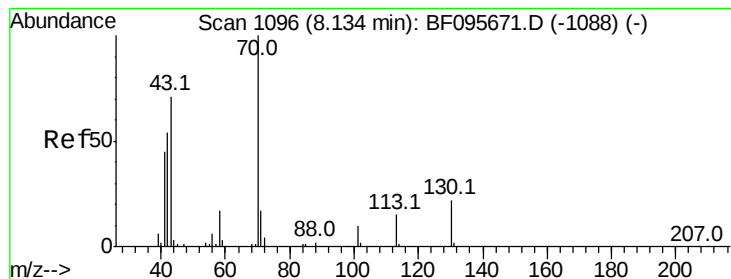


Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 17.12 ng

RT: 8.20 min Scan# 1141

Delta R.T. 0.16 min

Lab File: BF096117.D

Acq: 22 Jun 2017 12:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 73017

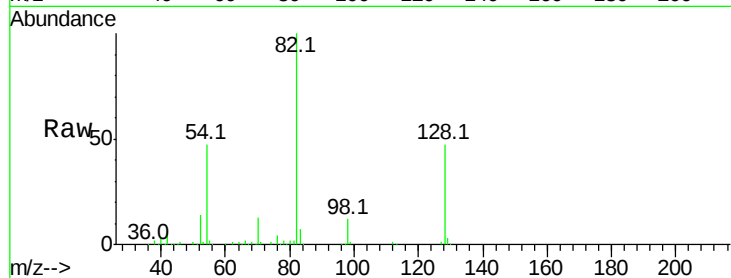
Ion Ratio Lower Upper

70 100

42 42.7 47.2 70.8#

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

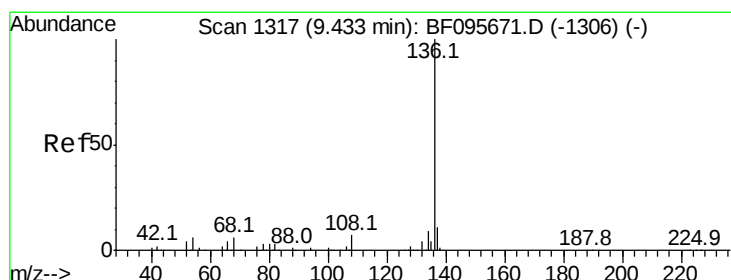
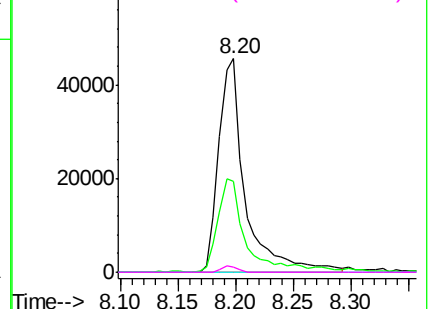
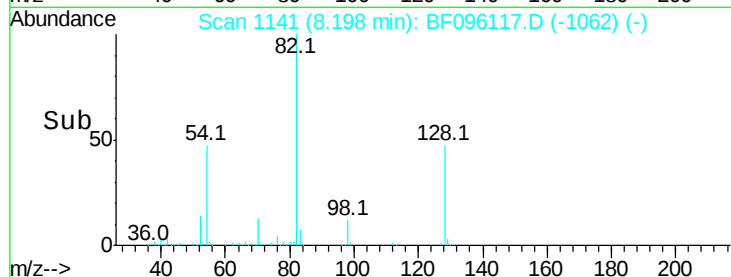


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.30 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BF096117.D

Acq: 22 Jun 2017 12:31

Tgt Ion:136 Resp: 390208

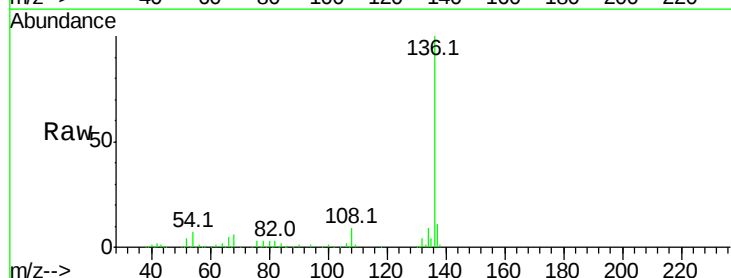
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 7.0 4.9 7.3

68 5.8 4.1 6.1

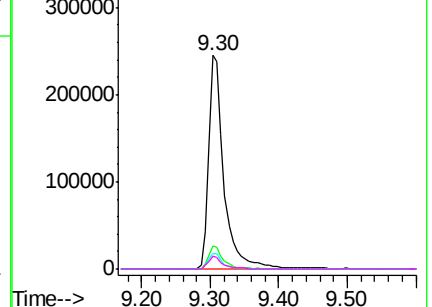
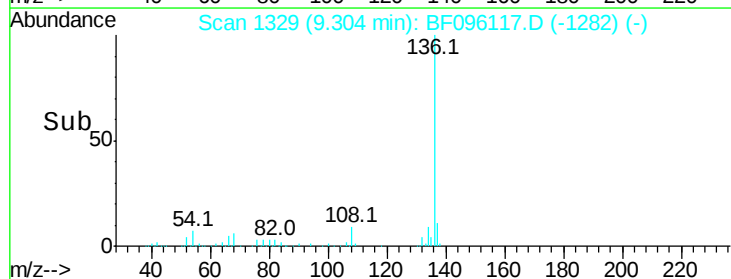


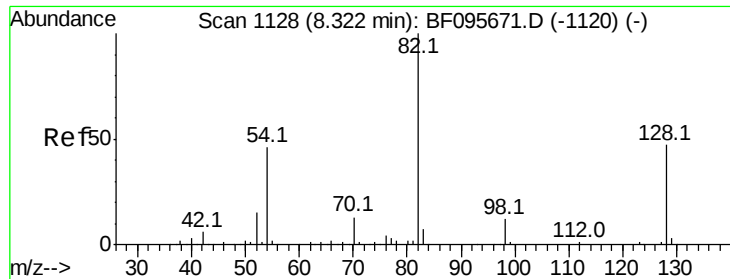
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

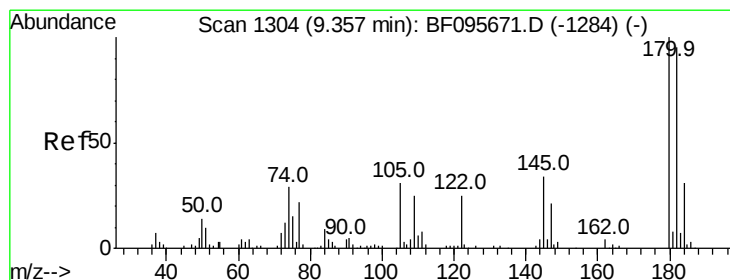
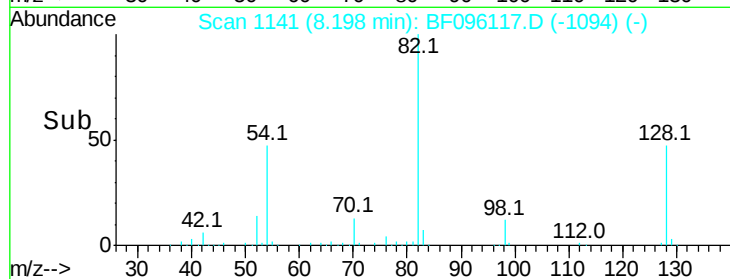
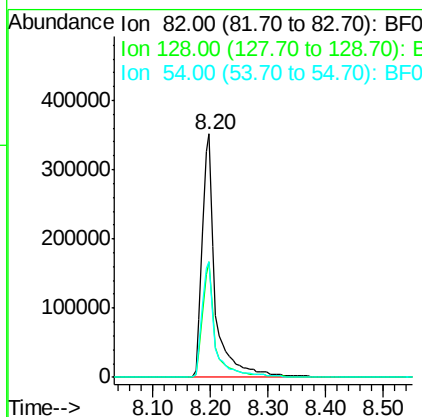
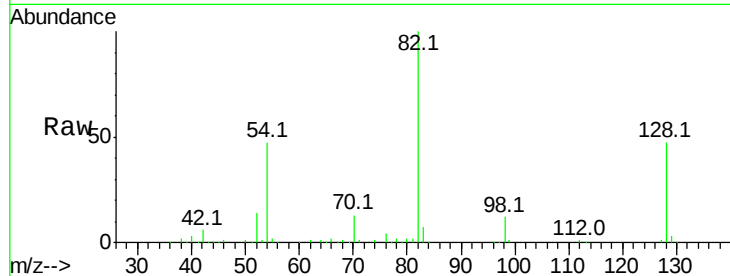




#23
 Nitrobenzene-d5
 Concen: 91.24 ng
 RT: 8.20 min Scan# 1141
 Delta R.T. -0.02 min
 Lab File: BF096117.D
 Acq: 22 Jun 2017 12:31

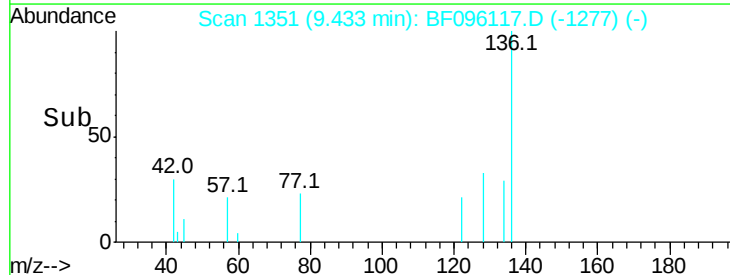
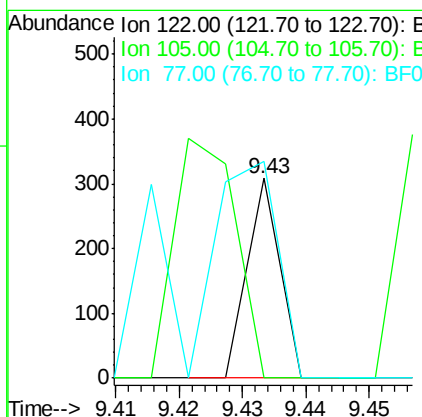
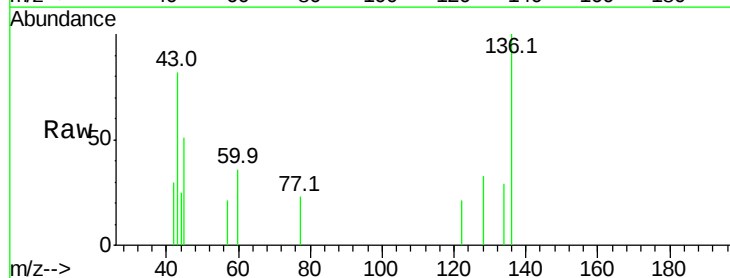
Instrument :
 BNA_F
 ClientSampleId :

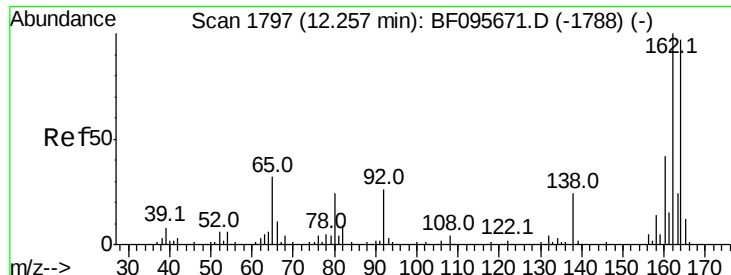
Tot Ion: 82 Resp: 573273
 Ion Ratio Lower Upper
 82 100
 128 47.3 34.0 51.0
 54 47.5 42.2 63.2



#32
 Benzoic acid
 Concen: 5.15 ng
 RT: 9.43 min Scan# 1351
 Delta R.T. 0.14 min
 Lab File: BF096117.D
 Acq: 22 Jun 2017 12:31

Tgt Ion:122 Resp: 109
 Ion Ratio Lower Upper
 122 100
 105 0.0 103.3 143.3#
 77 108.8 73.7 113.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.13 min Scan# 1809

Delta R.T. -0.02 min

Lab File: BF096117.D

Acq: 22 Jun 2017 12:31

Instrument :

BNA_F

ClientSampleId :

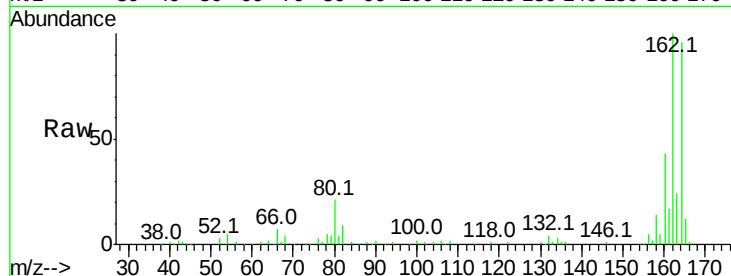
Tot Ion:164 Resp: 173336

Ion Ratio Lower Upper

164 100

162 103.9 82.6 123.8

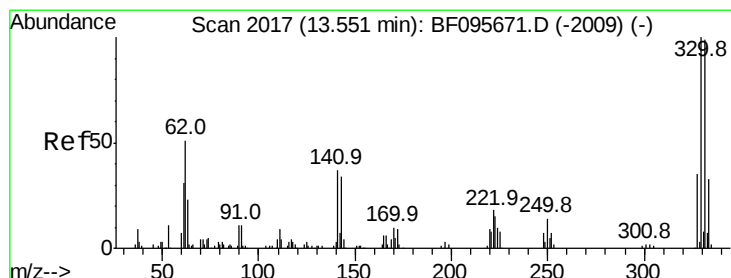
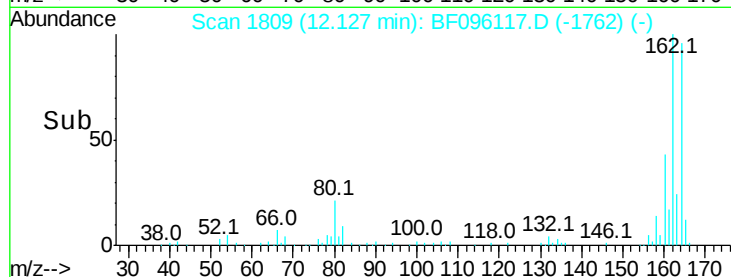
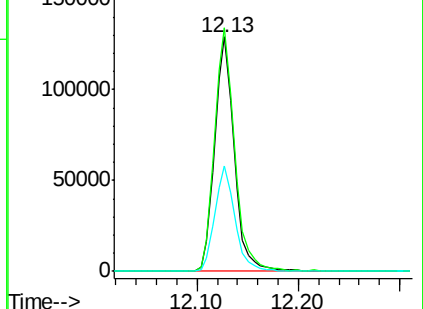
160 45.2 36.2 54.2



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: 141.67 ng

RT: 13.43 min Scan# 2031

Delta R.T. -0.02 min

Lab File: BF096117.D

Acq: 22 Jun 2017 12:31

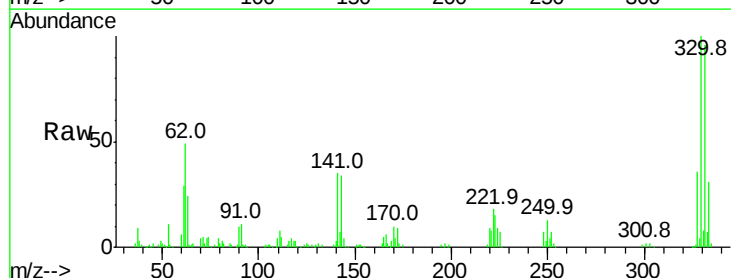
Tgt Ion:330 Resp: 217270

Ion Ratio Lower Upper

330 100

332 95.1 76.6 115.0

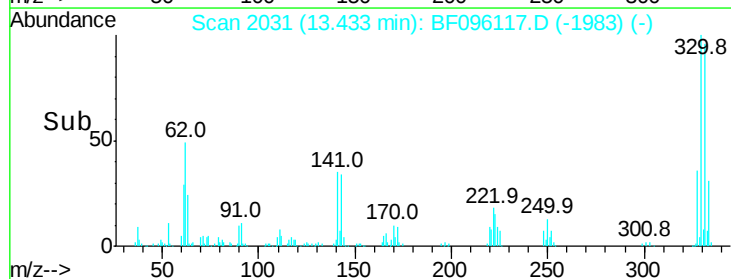
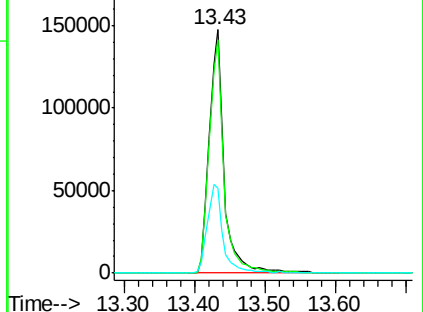
141 38.3 31.4 47.2

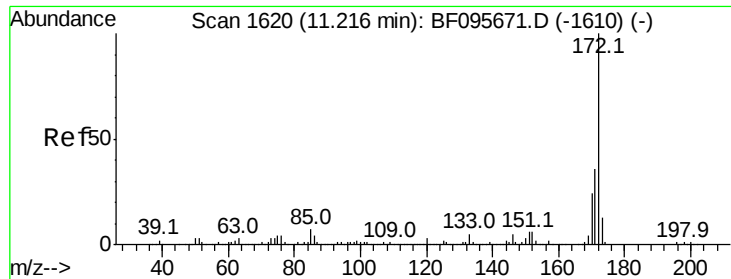


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

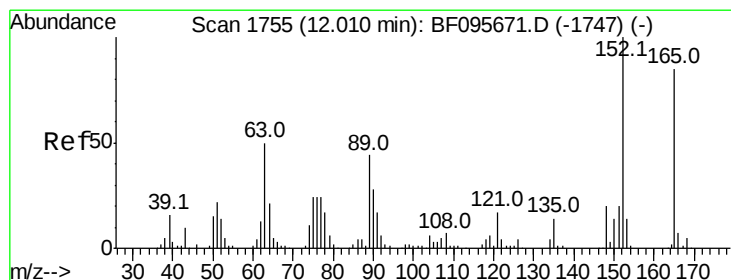
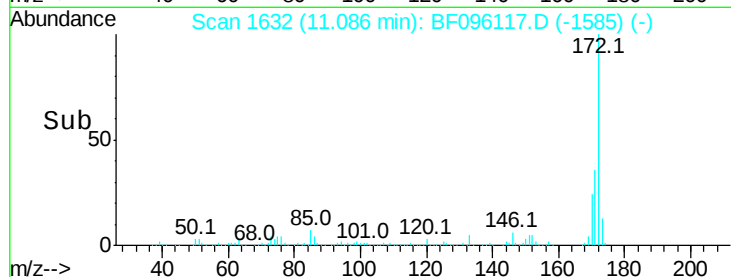
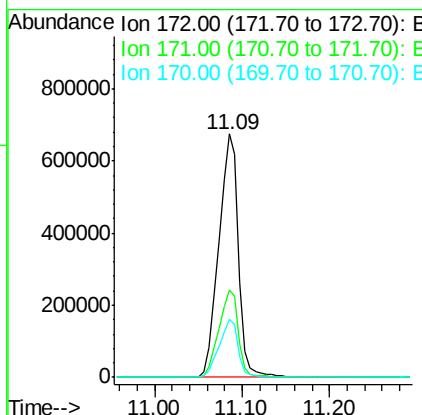
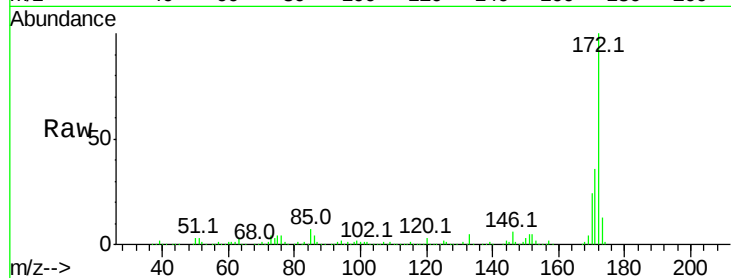




#44
2-Fluorobiphenyl
Concen: 84.38 ng
RT: 11.09 min Scan# 1632
Delta R.T. -0.02 min
Lab File: BF096117.D
Acq: 22 Jun 2017 12:31

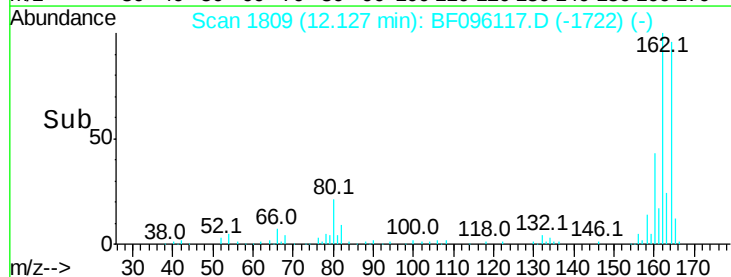
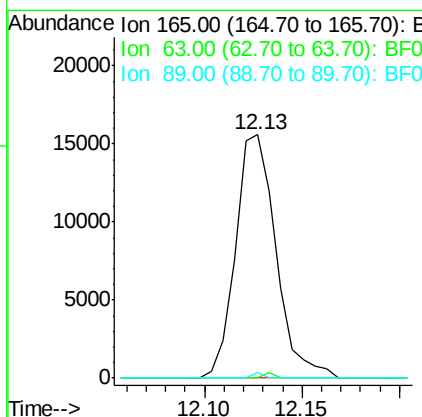
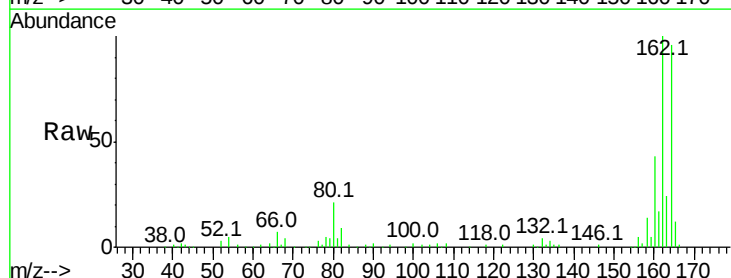
Instrument :
BNA_F
ClientSampleId :

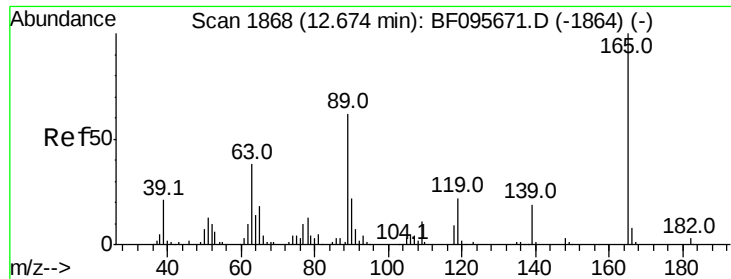
Tot Ion:172 Resp: 1051107
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 23.7 19.8 29.8



#50
2,6-Dinitrotoluene
Concen: 7.78 ng
RT: 12.13 min Scan# 1809
Delta R.T. 0.21 min
Lab File: BF096117.D
Acq: 22 Jun 2017 12:31

Tgt Ion:165 Resp: 22321
Ion Ratio Lower Upper
165 100
63 0.0 34.3 51.5#
89 2.5 37.1 55.7#

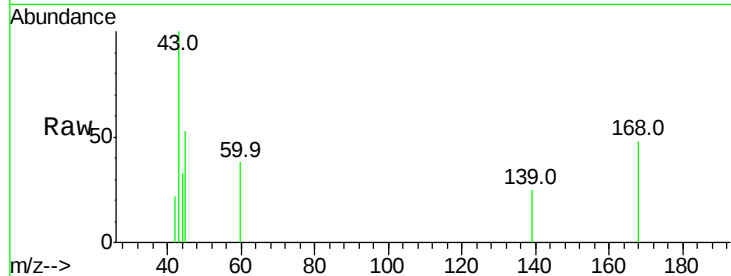




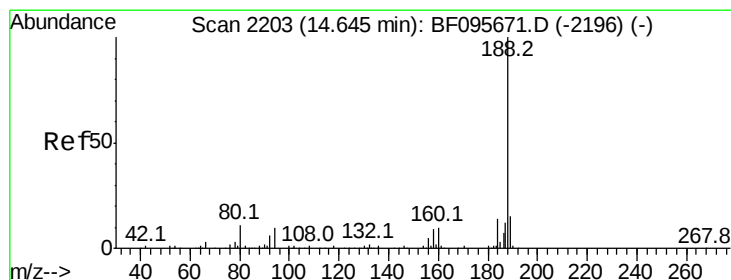
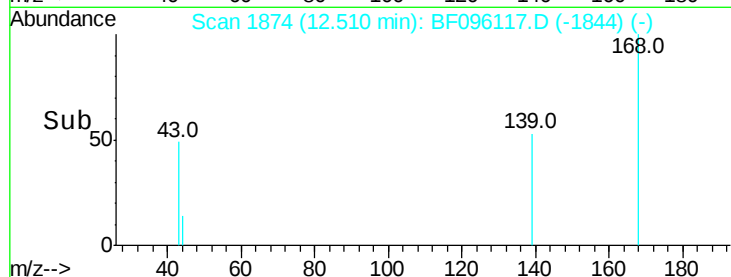
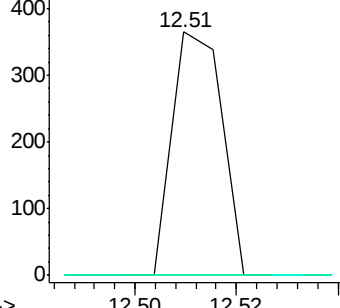
#55
4-Nitrophenol
Concen: 4.75 ng
RT: 12.51 min Scan# 1874
Delta R.T. -0.12 min
Lab File: BF096117.D
Acq: 22 Jun 2017 12:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 248
Ion Ratio Lower Upper
139 100
109 0.0 34.1 74.1#
65 0.0 31.4 71.4#

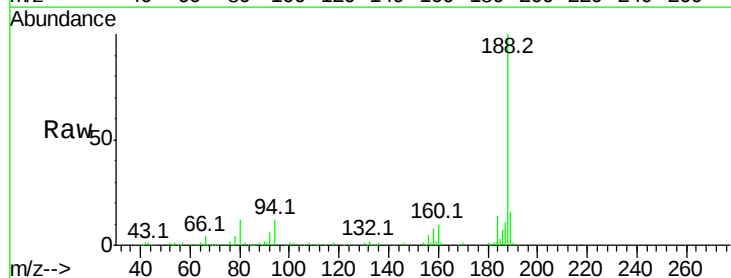


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

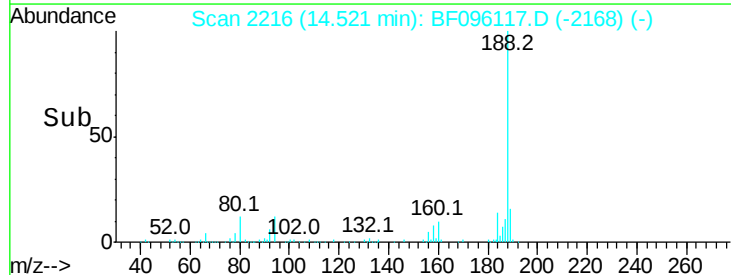
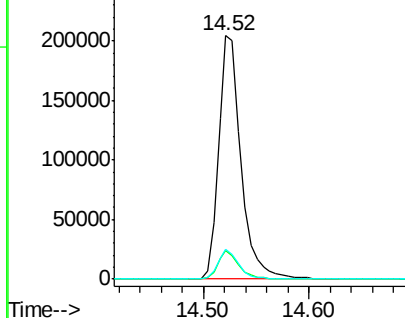


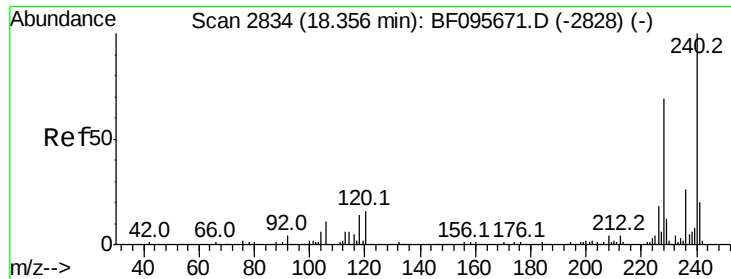
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.52 min Scan# 2216
Delta R.T. -0.02 min
Lab File: BF096117.D
Acq: 22 Jun 2017 12:31

Tgt Ion:188 Resp: 302914
Ion Ratio Lower Upper
188 100
94 11.6 9.4 14.2
80 12.3 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: 18.26 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BF096117.D

Acq: 22 Jun 2017 12:31

Instrument :

BNA_F

ClientSampled :

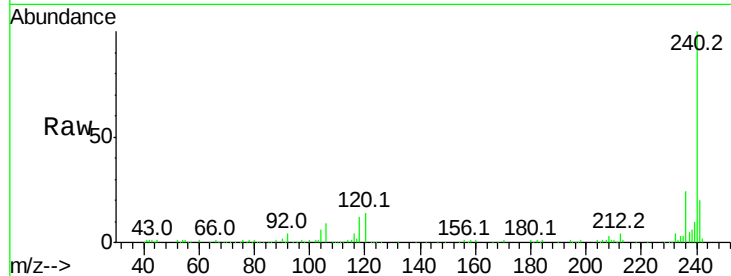
Tot Ion:240 Resp: 255087

Ion Ratio Lower Upper

240 100

120 14.3 5.8 8.8#

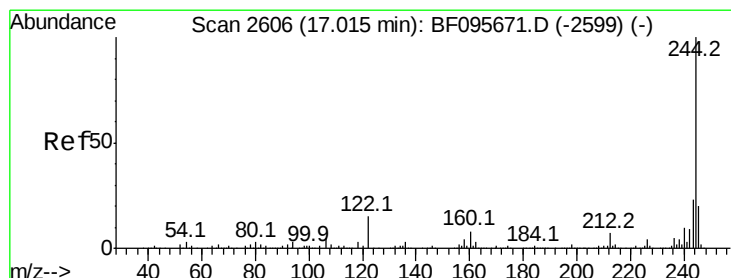
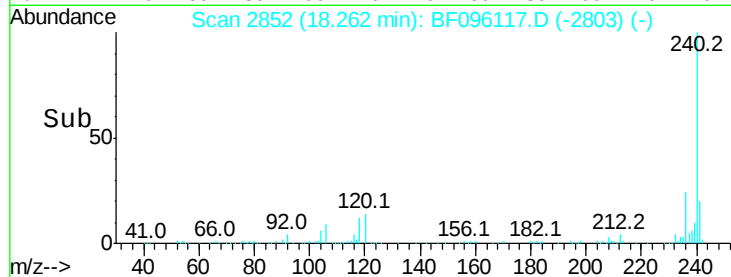
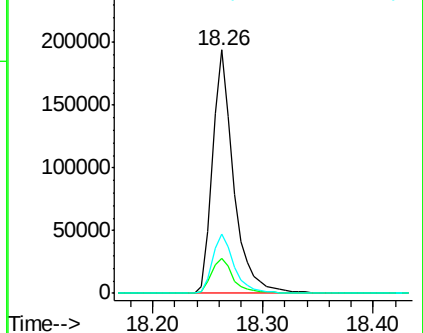
236 24.4 20.5 30.7



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: 97.07 ng

RT: 16.92 min Scan# 2624

Delta R.T. -0.01 min

Lab File: BF096117.D

Acq: 22 Jun 2017 12:31

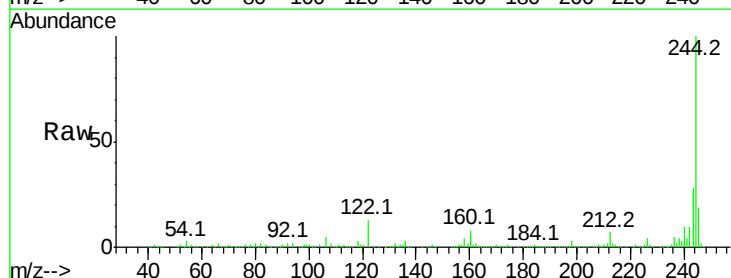
Tgt Ion:244 Resp: 997727

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

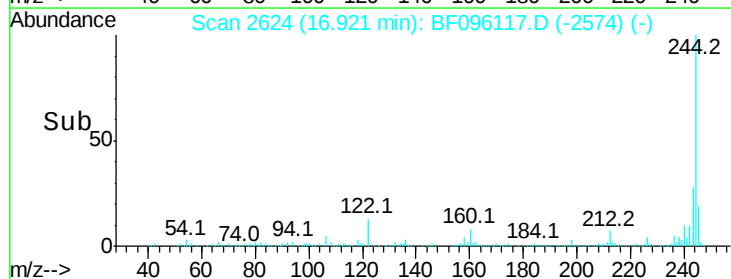
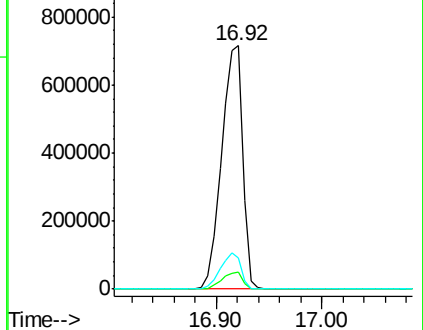
122 12.7 10.3 15.5

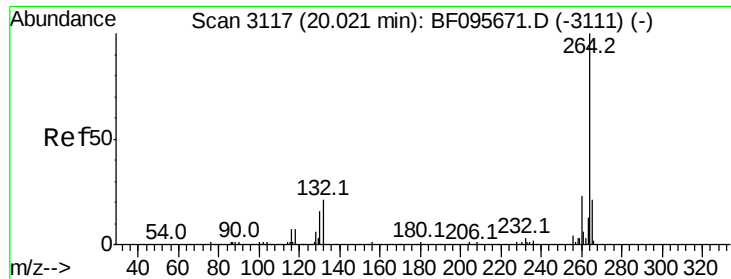


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 19.94 min Scan# 3137
 Delta R.T. 0.00 min
 Lab File: BF096117.D
 Acq: 22 Jun 2017 12:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.9	17.2	25.8

