

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060217\
 Data File : BF095636.D
 Acq On : 2 Jun 2017 16:20
 Operator : SJ/MA
 Sample : I3413-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 03 01:31:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 18:51:16 2017
 Response via : Initial Calibration

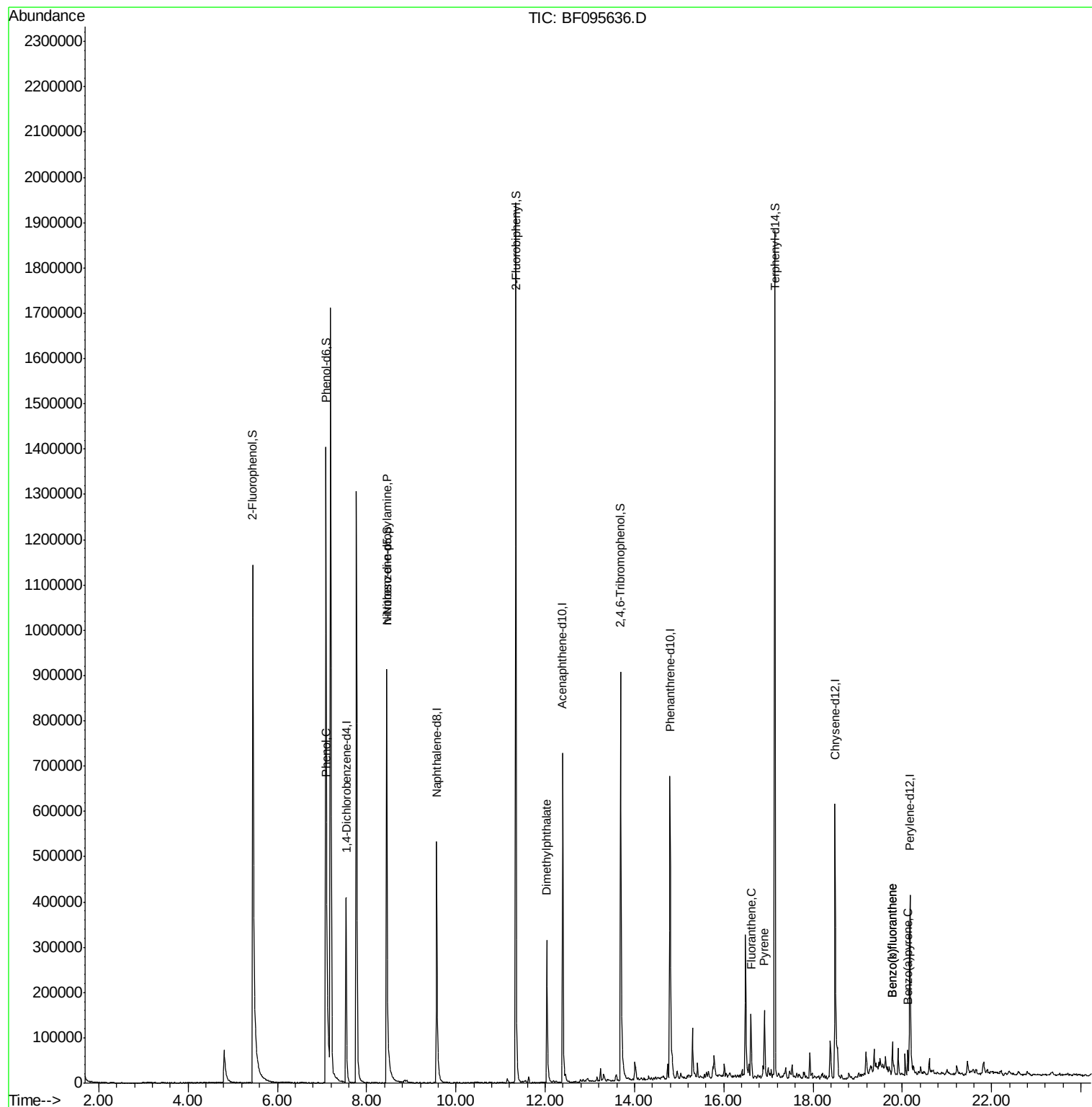
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	105012	20.00	ng	0.00
21) Naphthalene-d8	9.57	136	440195	20.00	ng	0.00
38) Acenaphthene-d10	12.39	164	205953	20.00	ng	0.00
63) Phenanthrene-d10	14.80	188	378815	20.00	ng	0.00
75) Chrysene-d12	18.49	240	289870	20.00	ng	0.00
86) Perylene-d12	20.17	264	201443	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	758819	120.47	ng	0.00
7) Phenol-d6	7.09	99	933123	123.47	ng	-0.01
23) Nitrobenzene-d5	8.45	82	539371	77.27	ng	-0.01
41) 2,4,6-Tribromophenol	13.69	330	171079	101.43	ng	0.00
44) 2-Fluorobiphenyl	11.35	172	911944	63.73	ng	0.00
78) Terphenyl-d14	17.14	244	702705	53.39	ng	0.00
Target Compounds						
10) Phenol	7.10	94	36614	4.60	ng	# 75
19) n-Nitroso-di-n-propylamine	8.45	70	65795	12.87	ng	# 74
49) Dimethylphthalate	12.04	163	225380	13.33	ng	100
74) Fluoranthene	16.61	202	84033	3.76	ng	98
77) Pyrene	16.91	202	79359	3.66	ng	98
87) Benzo(b)fluoranthene	19.78	252	38703	3.11	ng	# 96
88) Benzo(k)fluoranthene	19.78	252	38703	3.22	ng	97
89) Benzo(a)pyrene	20.12	252	24306	2.12	ng	98

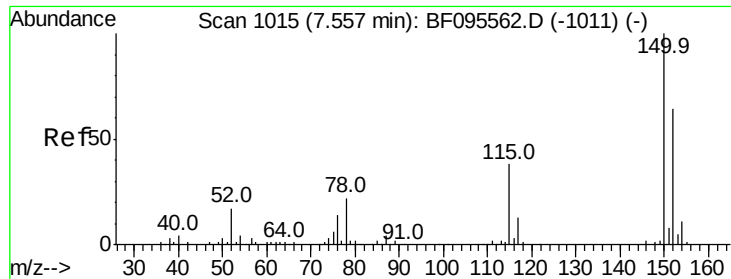
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.54 min Scan# 995

Delta R.T. -0.00 min

Lab File: BF095636.D

Acq: 2 Jun 2017 16:20

Instrument :

BNA_F

ClientSampleId :

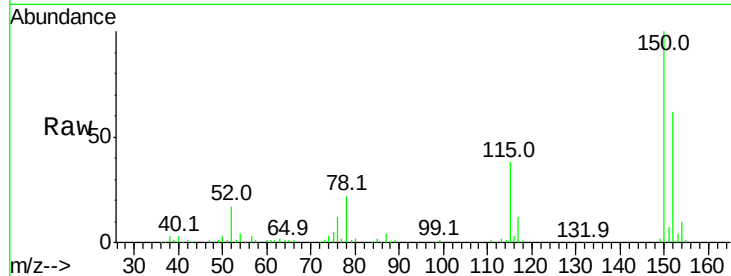
Tot Ion:152 Resp: 105012

Ion Ratio Lower Upper

152 100

150 160.3 126.2 189.2

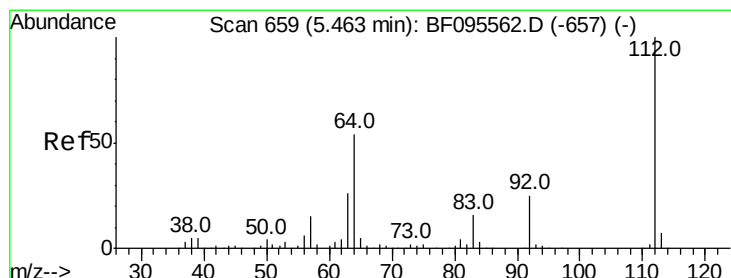
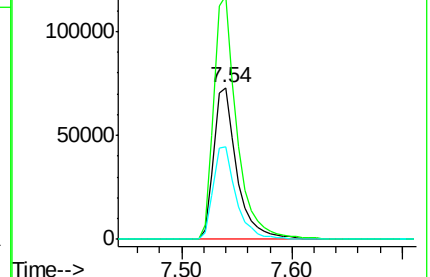
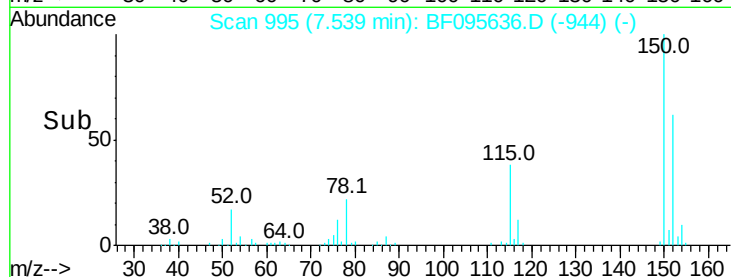
115 60.8 52.2 78.2



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



#5

2-Fluorophenol

Concen: 120.47 ng

RT: 5.45 min Scan# 640

Delta R.T. 0.01 min

Lab File: BF095636.D

Acq: 2 Jun 2017 16:20

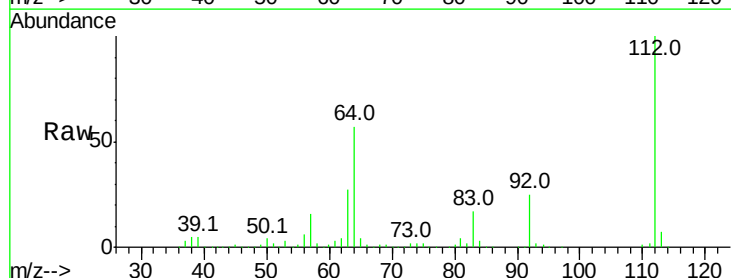
Tgt Ion:112 Resp: 758819

Ion Ratio Lower Upper

112 100

64 57.4 46.0 69.0

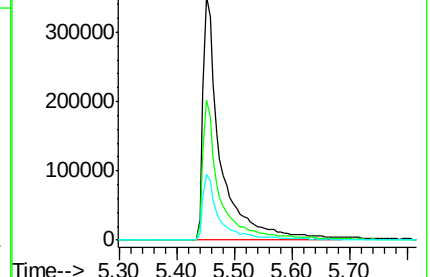
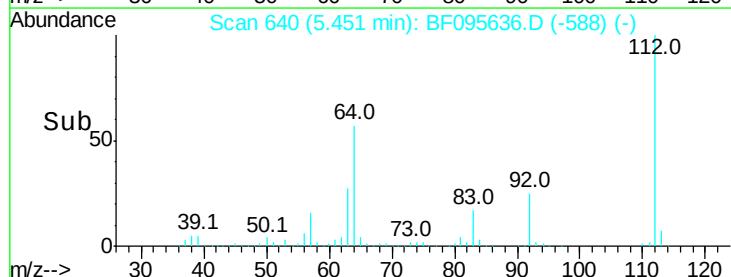
63 26.9 23.4 35.0

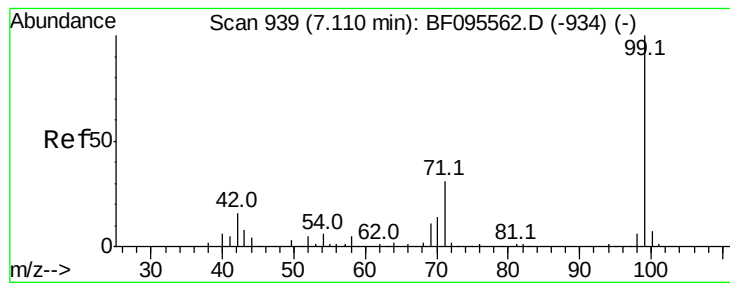


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 123.47 ng

RT: 7.09 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF095636.D

Acq: 2 Jun 2017 16:20

Instrument :

BNA_F

ClientSampleId :

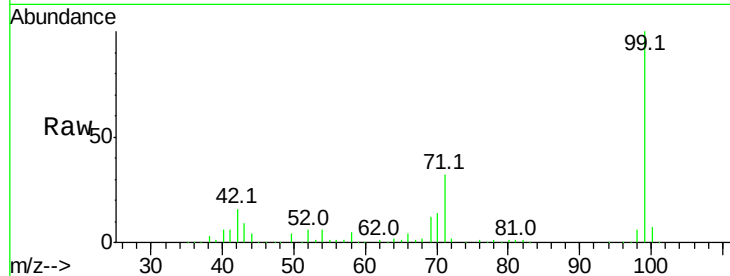
Tot Ion: 99 Resp: 933123

Ion Ratio Lower Upper

99 100

42 16.4 13.5 20.3

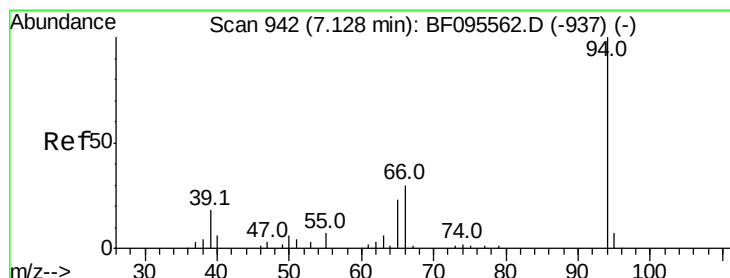
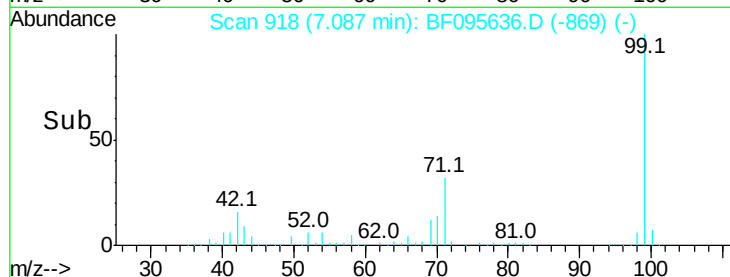
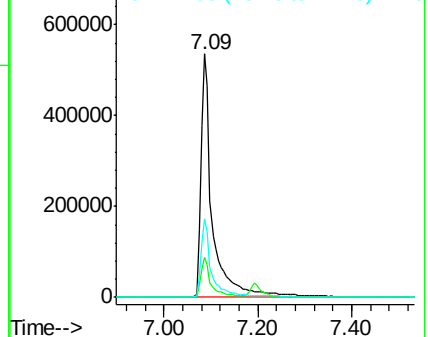
71 32.3 24.5 36.7



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



#10

Phenol

Concen: 4.60 ng

RT: 7.10 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF095636.D

Acq: 2 Jun 2017 16:20

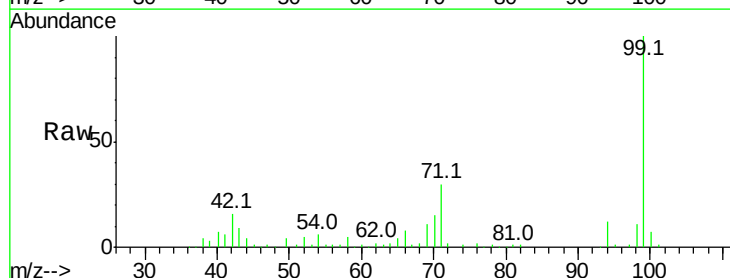
Tgt Ion: 94 Resp: 36614

Ion Ratio Lower Upper

94 100

65 31.7 9.9 49.9

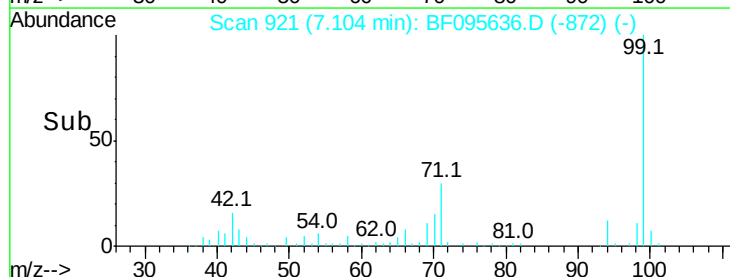
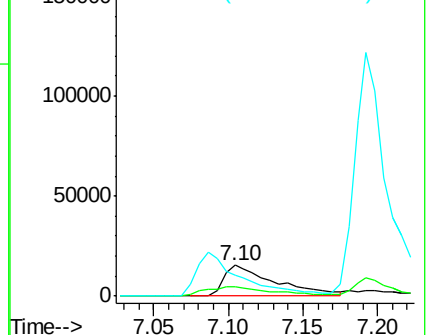
66 68.6 23.1 63.1#

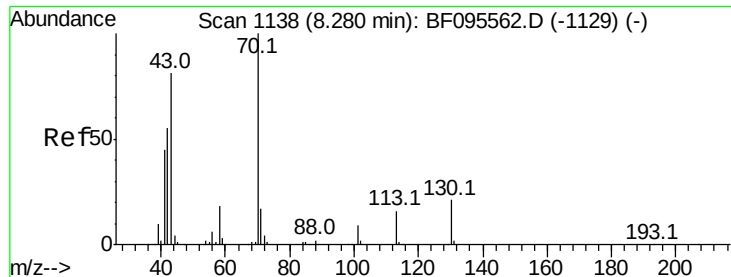


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

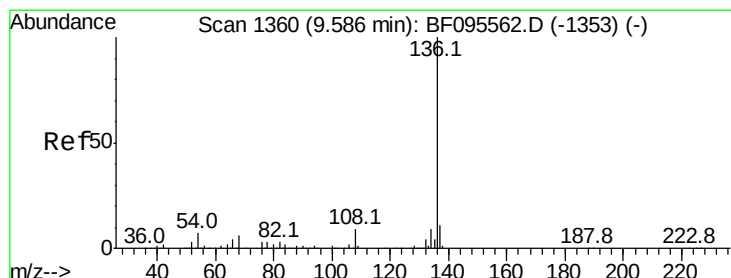
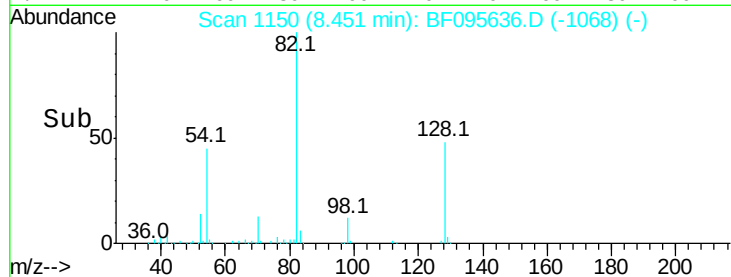
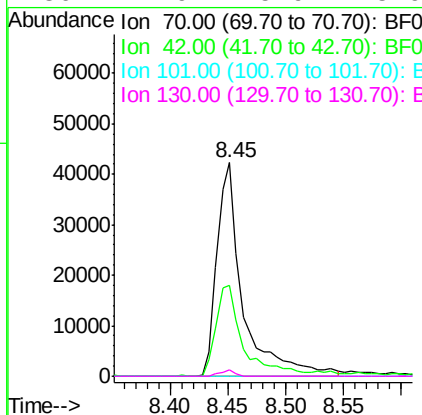
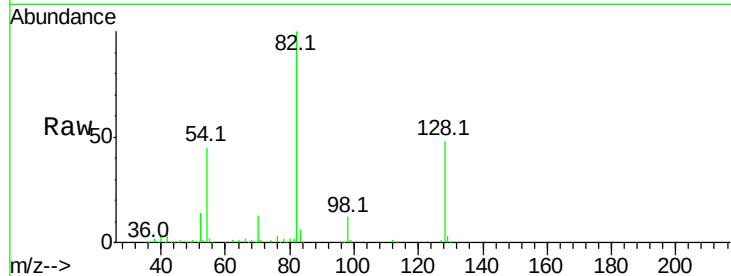




#19
n-Nitroso-di-n-propylamine
Concen: 12.87 ng
RT: 8.45 min Scan# 1150
Delta R.T. 0.18 min
Lab File: BF095636.D
Acq: 2 Jun 2017 16:20

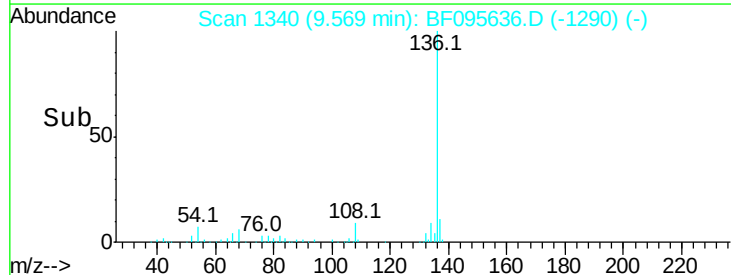
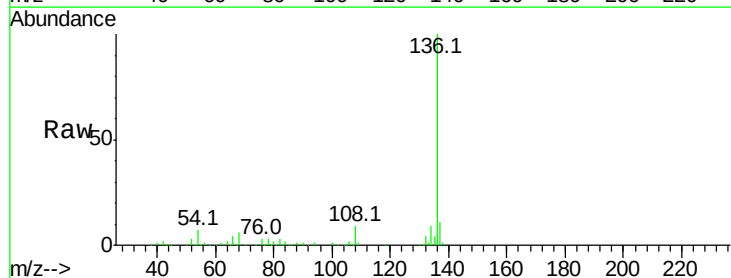
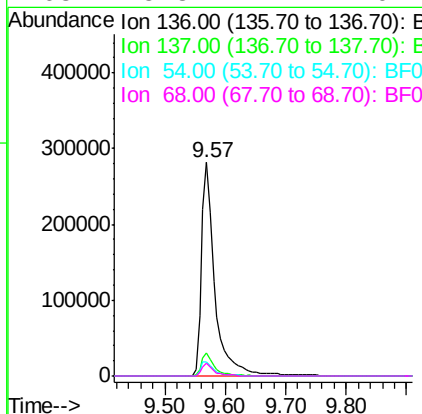
Instrument :
BNA_F
ClientSampleId :

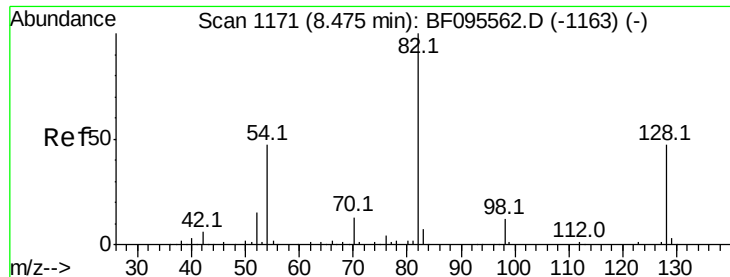
Tot Ion: 70 Resp: 65795
Ion Ratio Lower Upper
70 100
42 42.3 47.2 70.8#
101 0.0 7.2 10.8#
130 2.9 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.57 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF095636.D
Acq: 2 Jun 2017 16:20

Tgt Ion: 136 Resp: 440195
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 6.9 4.9 7.3
68 5.8 4.1 6.1

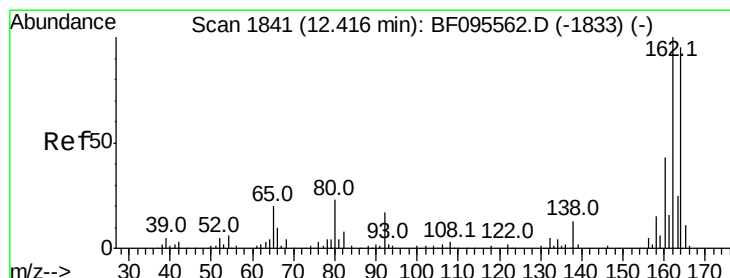
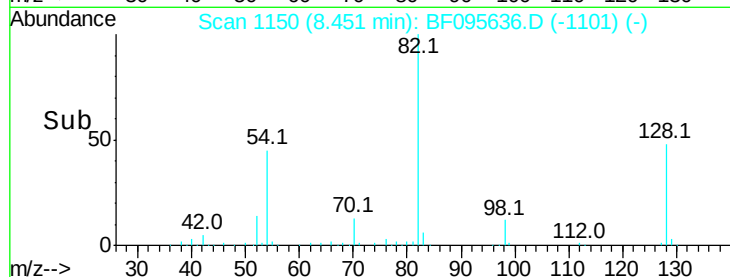
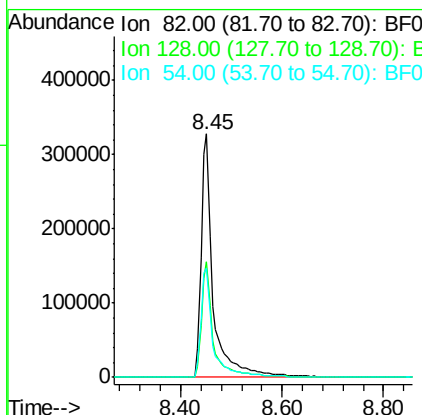
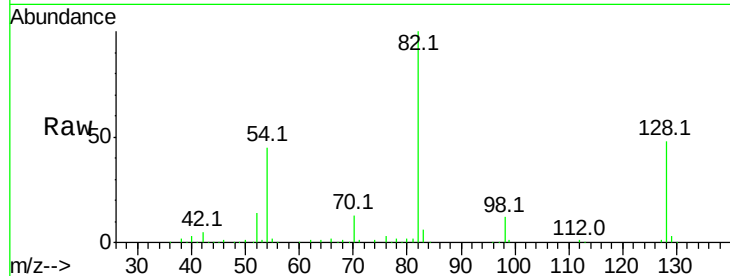




#23
 Nitrobenzene-d5
 Concen: 77.27 ng
 RT: 8.45 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF095636.D
 Acq: 2 Jun 2017 16:20

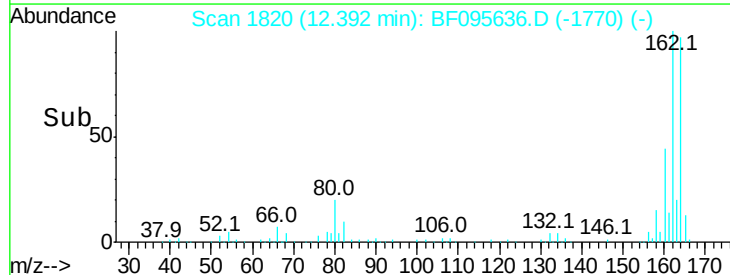
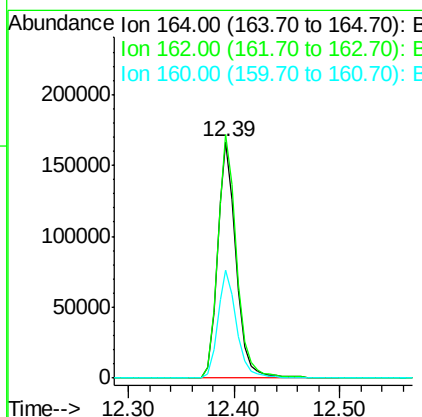
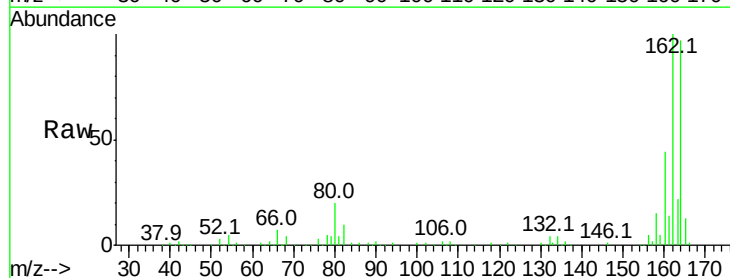
Instrument :
 BNA_F
 ClientSampled :

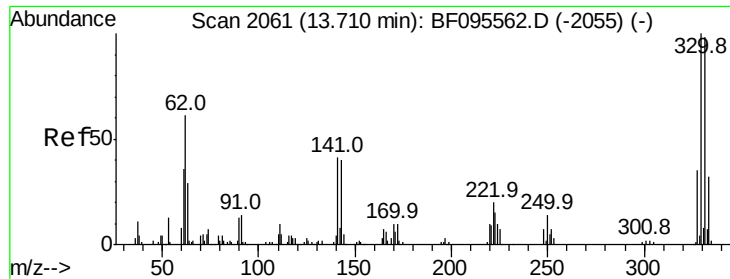
Tot Ion: 82 Resp: 539371
 Ion Ratio Lower Upper
 82 100
 128 47.6 34.0 51.0
 54 44.9 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.39 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF095636.D
 Acq: 2 Jun 2017 16:20

Tgt Ion:164 Resp: 205953
 Ion Ratio Lower Upper
 164 100
 162 103.0 82.6 123.8
 160 45.7 36.2 54.2

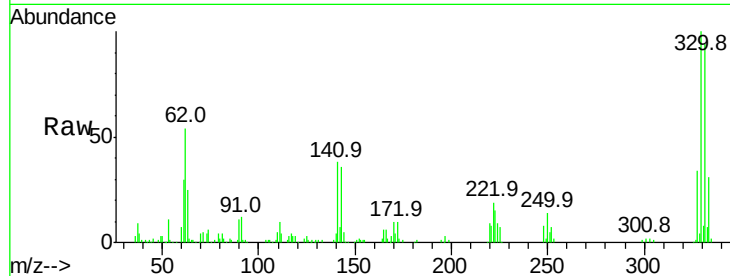




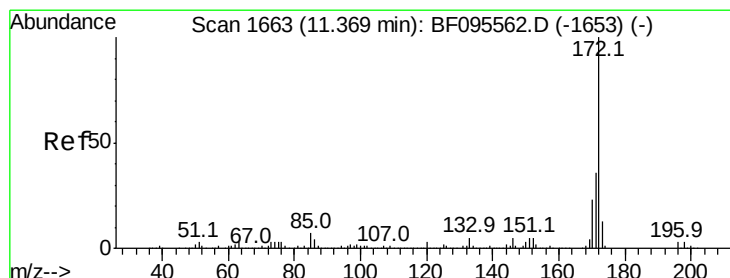
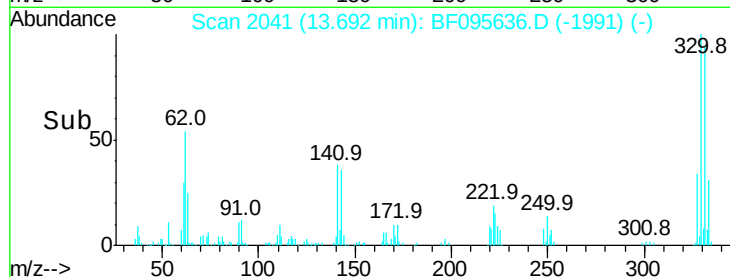
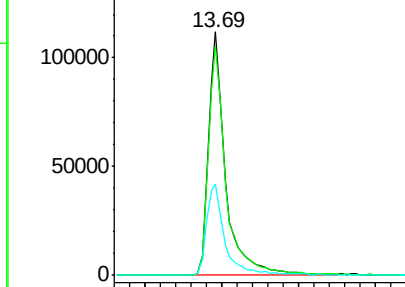
#41
 2,4,6-Tribromophenol
 Concen: 101.43 ng
 RT: 13.69 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF095636.D
 Acq: 2 Jun 2017 16:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 171079
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 115.0
 141 40.6 31.4 47.2

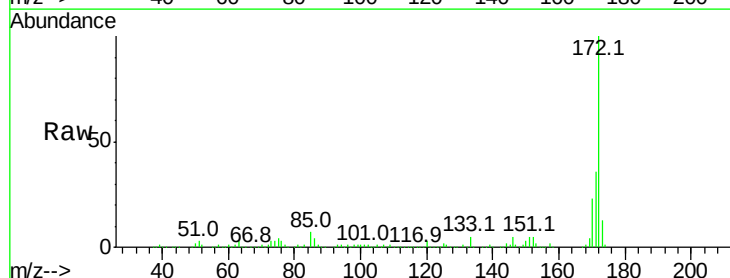


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

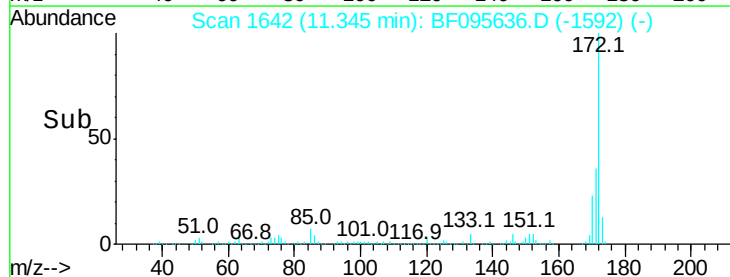
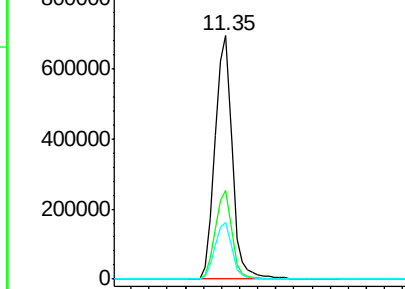


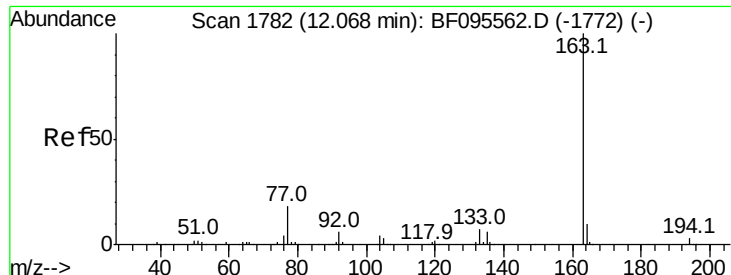
#44
 2-Fluorobiphenyl
 Concen: 63.73 ng
 RT: 11.35 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BF095636.D
 Acq: 2 Jun 2017 16:20

Tgt Ion:172 Resp: 911944
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 23.1 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

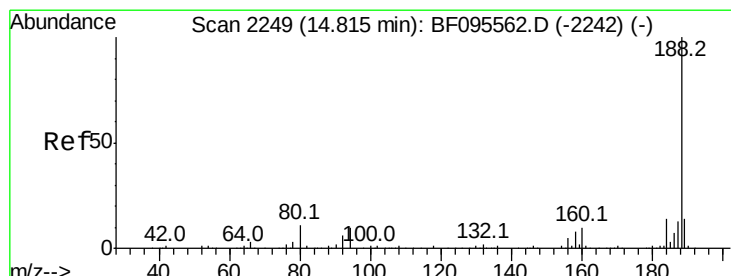
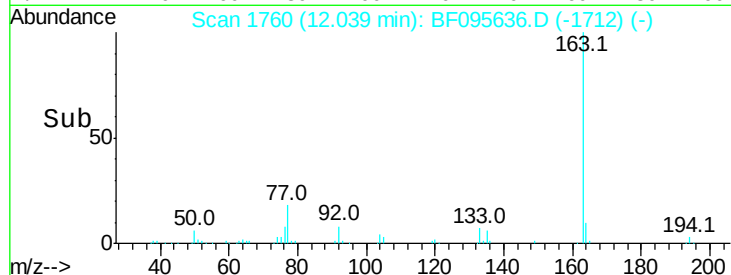
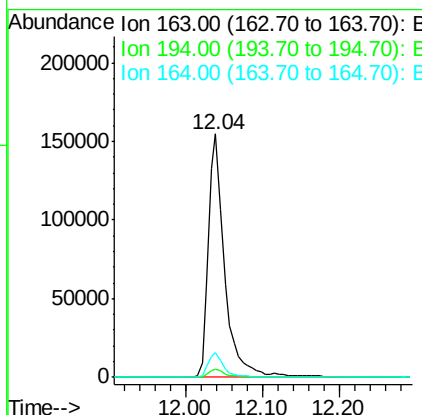
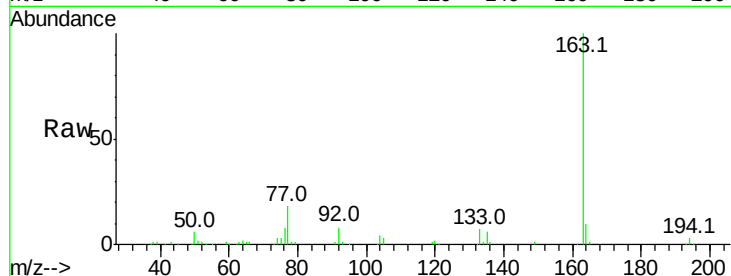




#49
 Dimethylphthalate
 Concen: 13.33 ng
 RT: 12.04 min Scan# 1760
 Delta R.T. -0.02 min
 Lab File: BF095636.D
 Acq: 2 Jun 2017 16:20

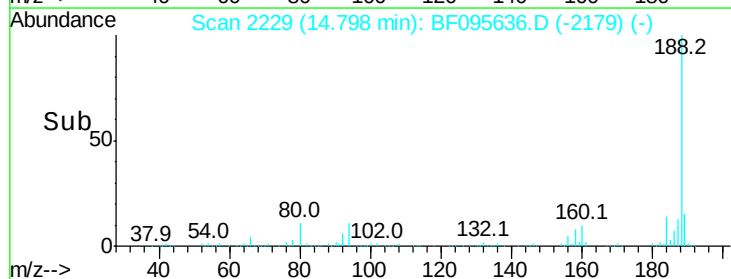
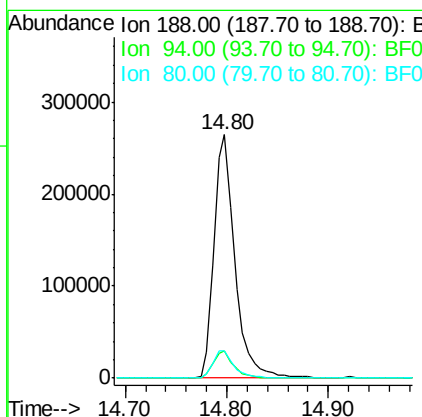
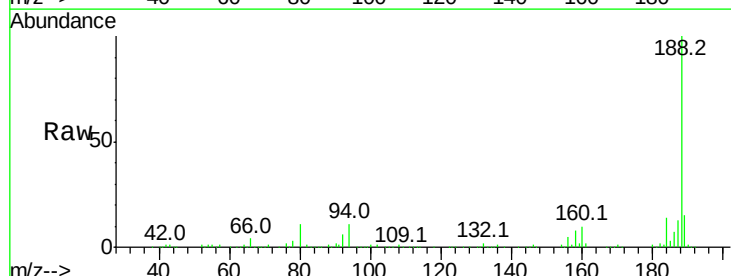
Instrument :
 BNA_F
 ClientSampleId :

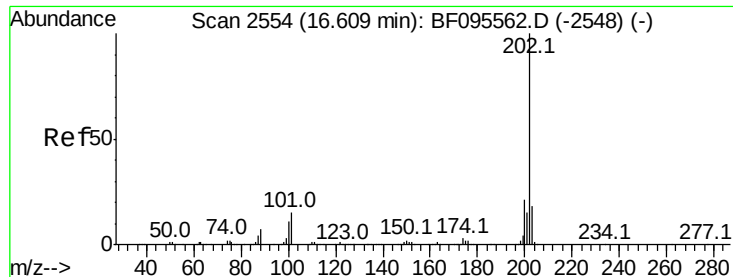
Tot Ion:163 Resp: 225380
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.6 4.0
 164 10.3 8.4 12.6



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BF095636.D
 Acq: 2 Jun 2017 16:20

Tgt Ion:188 Resp: 378815
 Ion Ratio Lower Upper
 188 100
 94 11.2 9.4 14.2
 80 11.1 10.2 15.2





#74

Fluoranthene

Concen: 3.76 ng

RT: 16.61 min Scan# 2537

Delta R.T. 0.01 min

Lab File: BF095636.D

Acq: 2 Jun 2017 16:20

Instrument :

BNA_F

ClientSampleId :

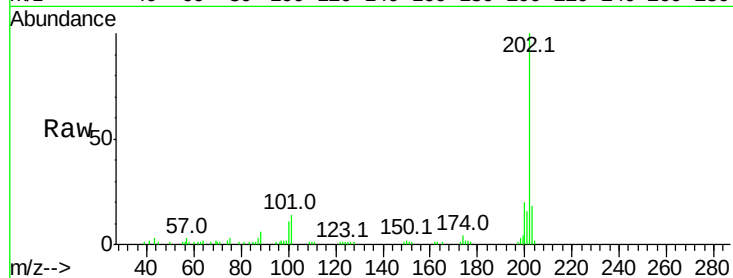
Tot Ion:202 Resp: 84033

Ion Ratio Lower Upper

202 100

101 14.3 0.0 33.2

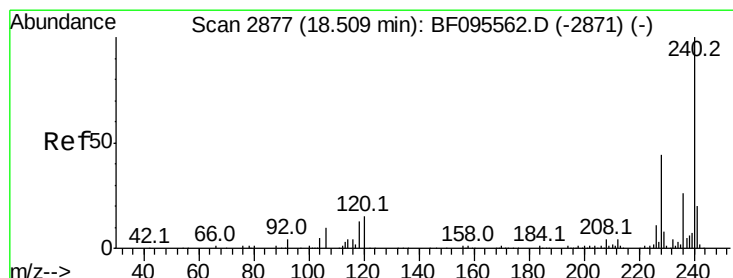
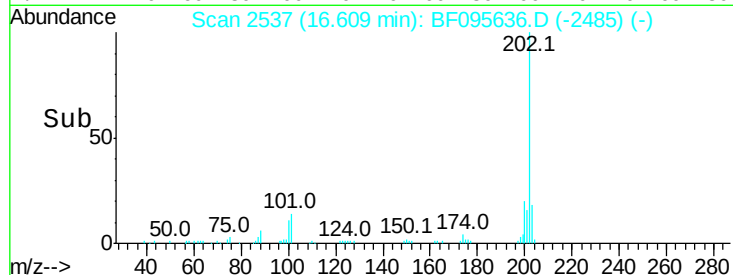
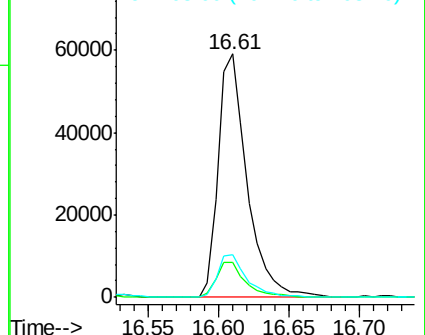
203 17.7 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.49 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BF095636.D

Acq: 2 Jun 2017 16:20

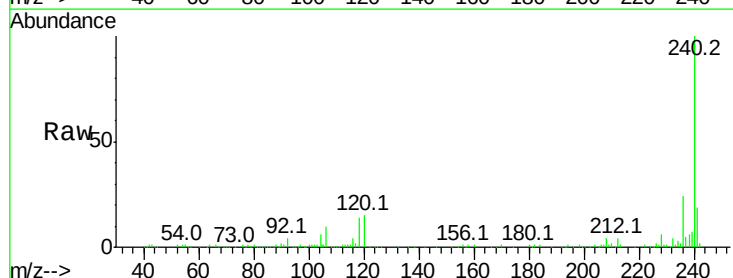
Tgt Ion:240 Resp: 289870

Ion Ratio Lower Upper

240 100

120 15.2 5.8 8.8#

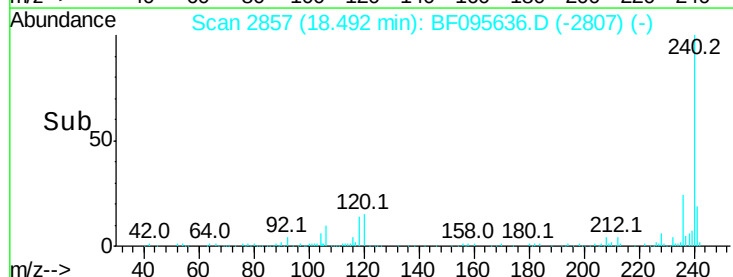
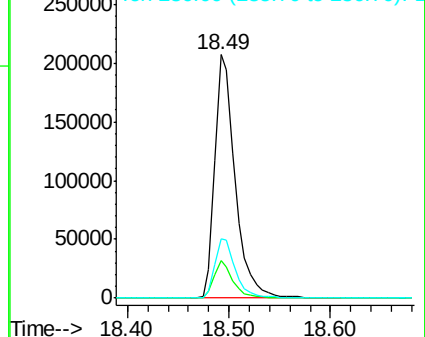
236 24.2 20.5 30.7

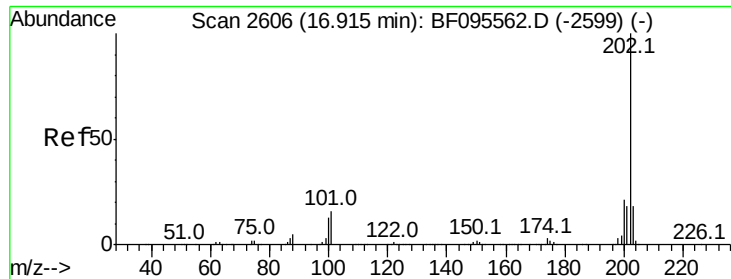


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

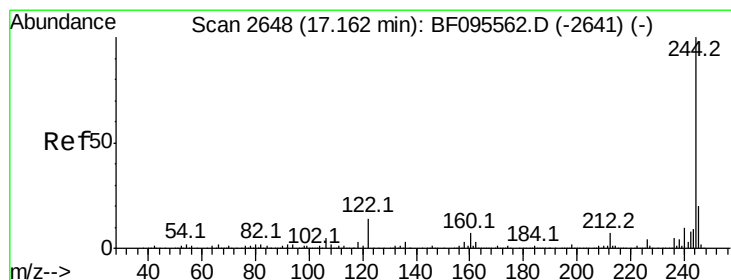
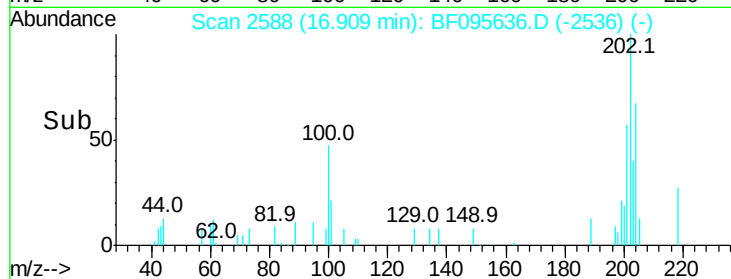
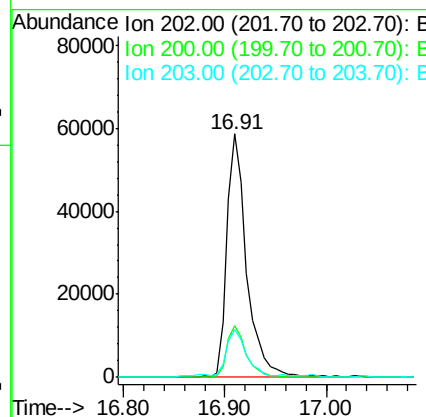
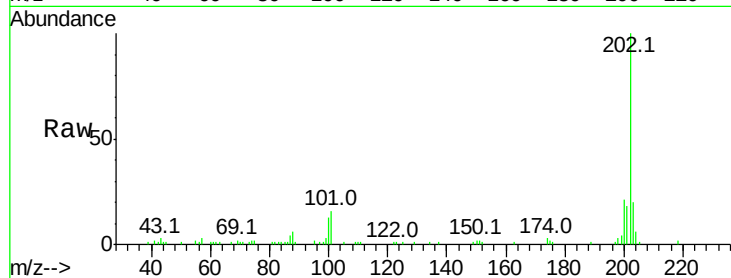




#77
Pvrene
Concen: 3.66 ng
RT: 16.91 min Scan# 2588
Delta R.T. 0.01 min
Lab File: BF095636.D
Acq: 2 Jun 2017 16:20

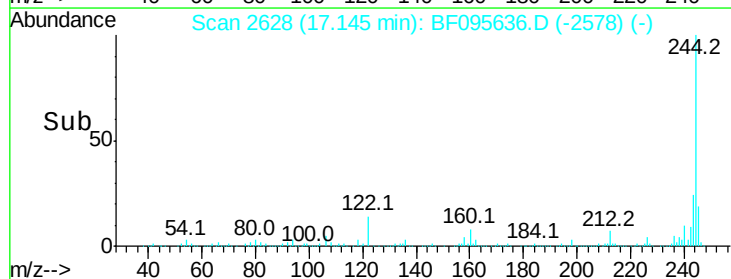
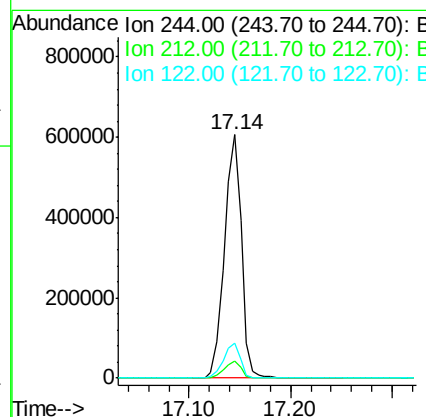
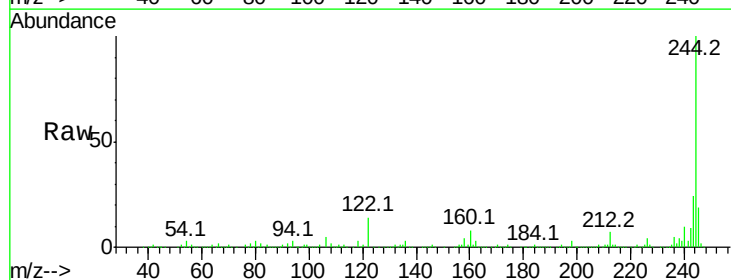
Instrument :
BNA_F
ClientSampleId :

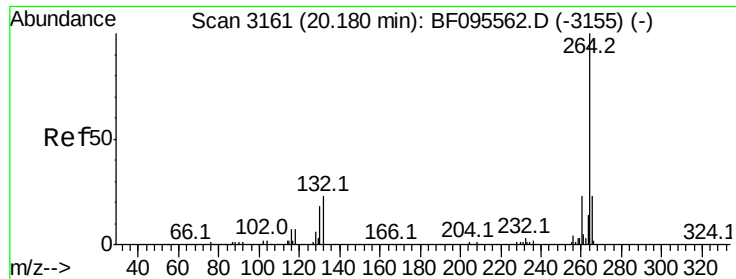
Tot Ion:202 Resp: 79359
Ion Ratio Lower Upper
202 100
200 21.3 17.6 26.4
203 19.6 14.4 21.6



#78
Terphenyl-d14
Concen: 53.39 ng
RT: 17.14 min Scan# 2628
Delta R.T. -0.01 min
Lab File: BF095636.D
Acq: 2 Jun 2017 16:20

Tgt Ion:244 Resp: 702705
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 14.3 10.3 15.5

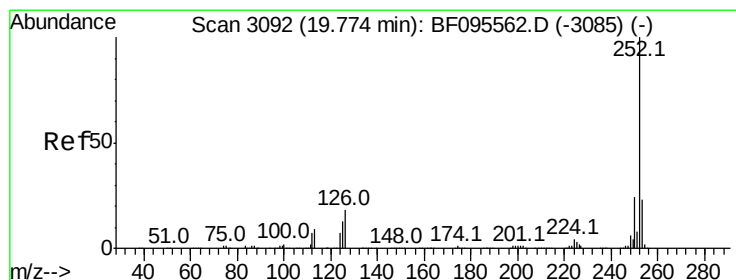
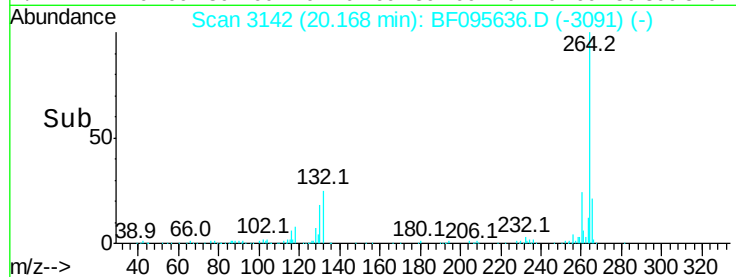
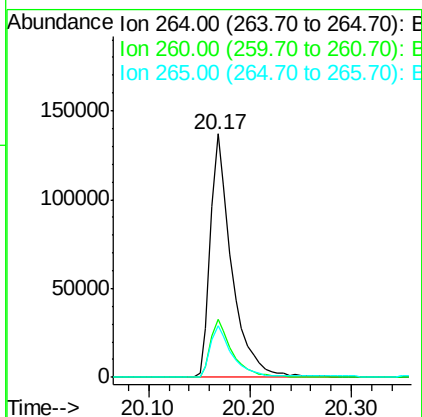
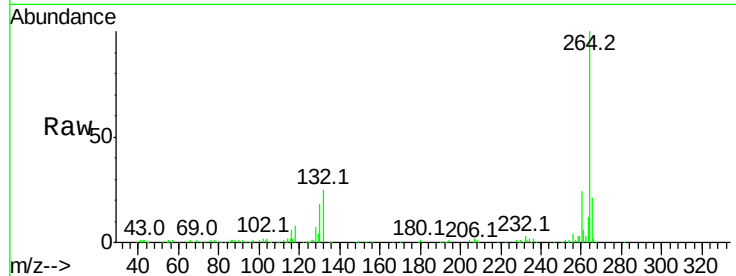




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.17 min Scan# 3142
Delta R.T. 0.00 min
Lab File: BF095636.D
Acq: 2 Jun 2017 16:20

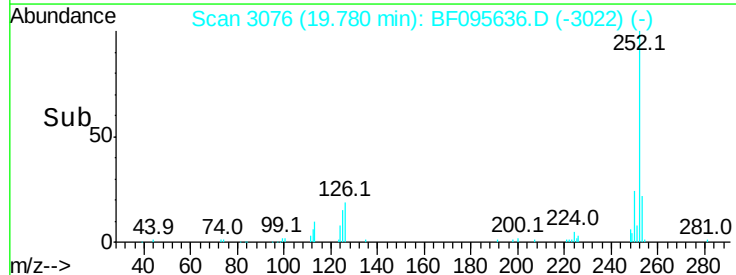
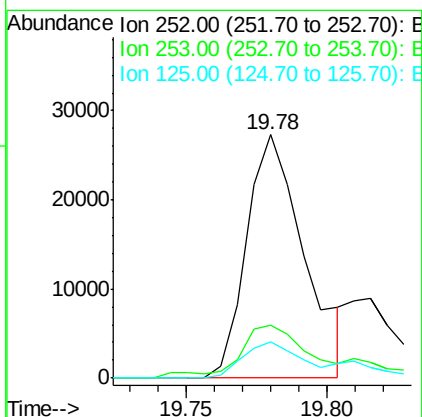
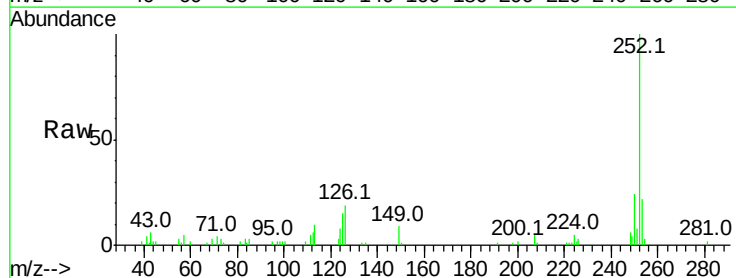
Instrument :
BNA_F
ClientSampleId :

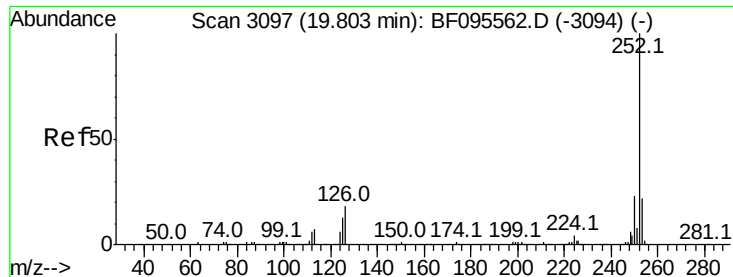
Tot Ion:264 Resp: 201443
Ion Ratio Lower Upper
264 100
260 24.0 19.5 29.3
265 21.2 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 3.11 ng
RT: 19.78 min Scan# 3076
Delta R.T. 0.02 min
Lab File: BF095636.D
Acq: 2 Jun 2017 16:20

Tgt Ion:252 Resp: 38703
Ion Ratio Lower Upper
252 100
253 21.6 18.1 27.1
125 14.9 9.8 14.8#

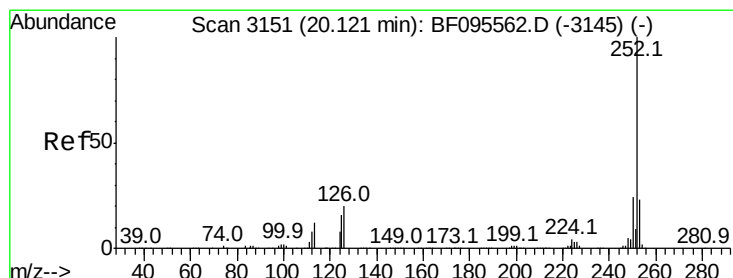
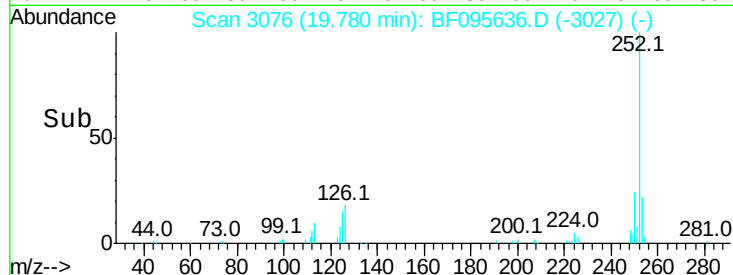
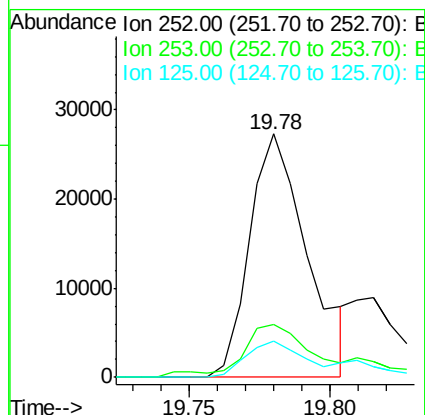
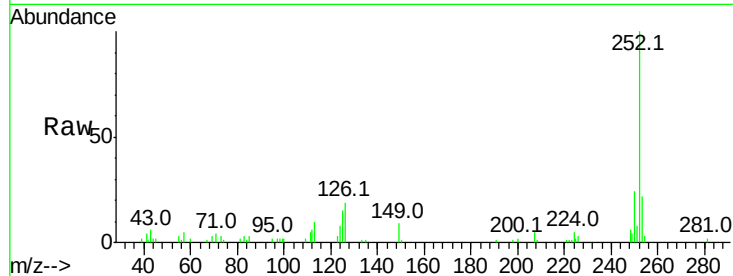




#88
Benzo(k)fluoranthene
Concen: 3.22 ng
RT: 19.78 min Scan# 3076
Delta R.T. -0.01 min
Lab File: BF095636.D
Acq: 2 Jun 2017 16:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 38703
Ion Ratio Lower Upper
252 100
253 21.6 18.4 27.6
125 14.9 13.1 19.7



#89
Benzo(a)pyrene
Concen: 2.12 ng
RT: 20.12 min Scan# 3134
Delta R.T. 0.01 min
Lab File: BF095636.D
Acq: 2 Jun 2017 16:20

Tgt Ion:252 Resp: 24306
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 15.4 11.0 16.4

