

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060617\
 Data File : BF095723.D
 Acq On : 6 Jun 2017 22:40
 Operator : SJ/MA
 Sample : I3478-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 07 02:48:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

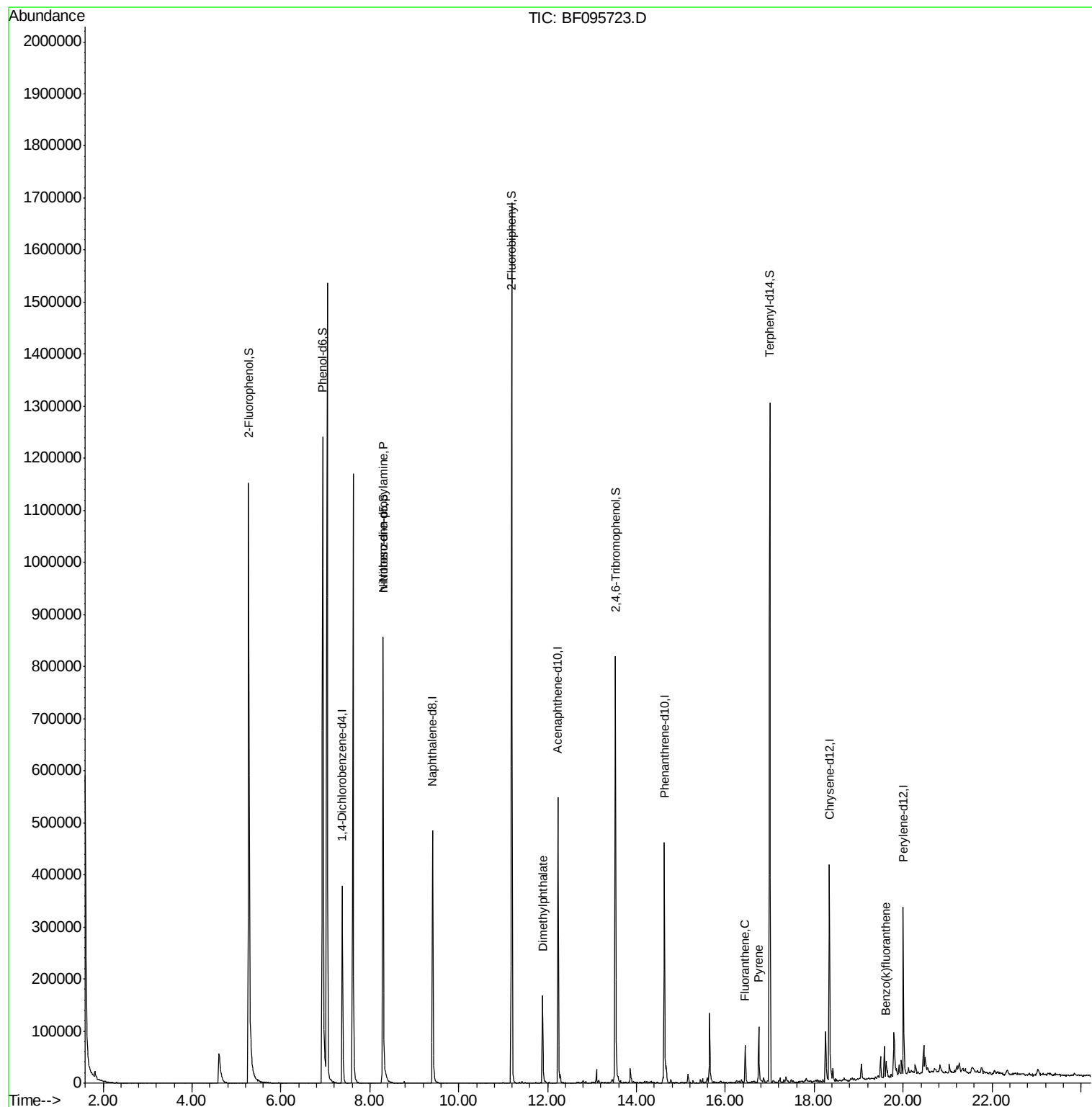
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	89658	20.00	ng	-0.02
21) Naphthalene-d8	9.41	136	354168	20.00	ng	-0.02
38) Acenaphthene-d10	12.23	164	150386	20.00	ng	-0.02
63) Phenanthrene-d10	14.63	188	242405	20.00	ng	-0.02
75) Chrysene-d12	18.34	240	163759	20.00	ng	-0.02
86) Perylene-d12	20.01	264	146052	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	621169	110.40	ng	-0.01
7) Phenol-d6	6.94	99	740751	109.97	ng	-0.02
23) Nitrobenzene-d5	8.30	82	431726	75.70	ng	-0.02
41) 2,4,6-Tribromophenol	13.53	330	133289	100.17	ng	-0.02
44) 2-Fluorobiphenyl	11.20	172	806373	74.62	ng	-0.02
78) Terphenyl-d14	17.00	244	511912	77.58	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.30	70	54005	12.65	ng	Qvalue # 78
49) Dimethylphthalate	11.89	163	104246	9.13	ng	99
74) Fluoranthene	16.44	202	39751	2.87	ng	99
77) Pyrene	16.75	202	34899	2.86	ng	# 96
88) Benzo(k)fluoranthene	19.62	252	17706	2.03	ng	99

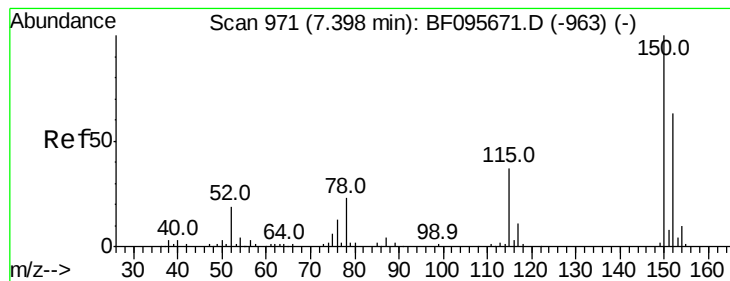
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.38 min Scan# 985

Delta R.T. -0.02 min

Lab File: BF095723.D

Acq: 6 Jun 2017 22:40

Instrument :

BNA_F

ClientSampled :

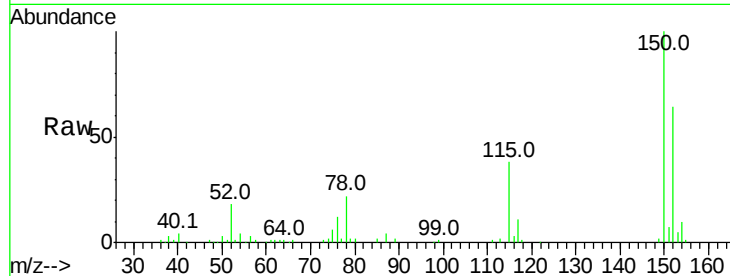
Tot Ion:152 Resp: 89658

Ion Ratio Lower Upper

152 100

150 155.9 126.2 189.2

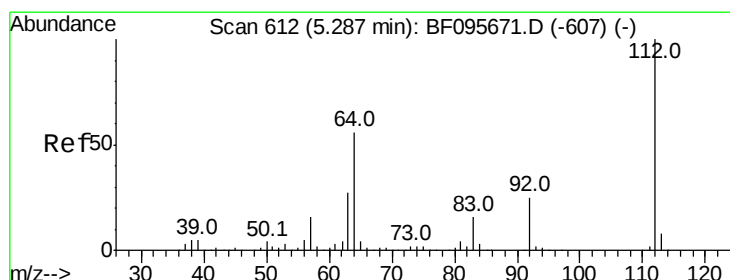
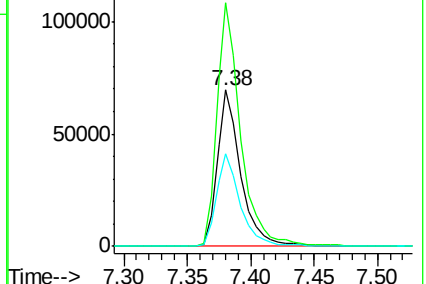
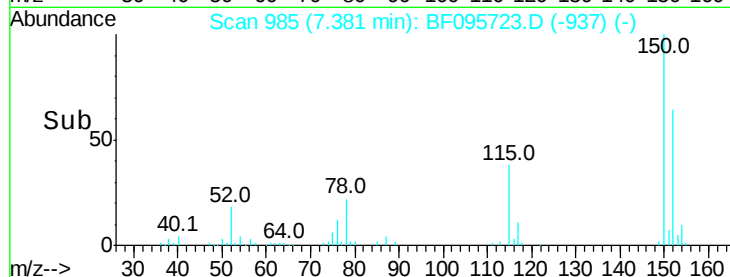
115 59.6 52.2 78.2



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: 110.40 ng

RT: 5.27 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF095723.D

Acq: 6 Jun 2017 22:40

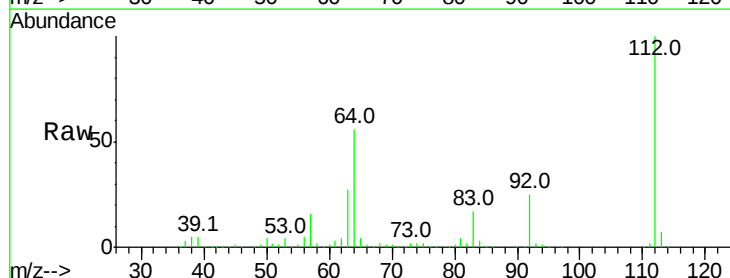
Tgt Ion:112 Resp: 621169

Ion Ratio Lower Upper

112 100

64 55.7 46.0 69.0

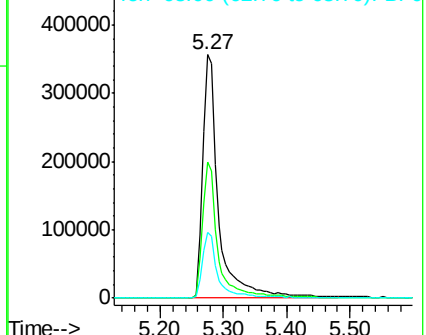
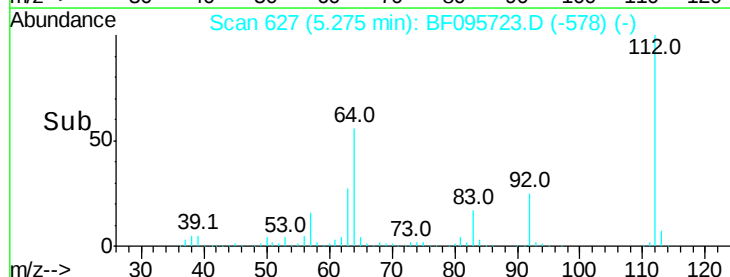
63 27.0 23.4 35.0

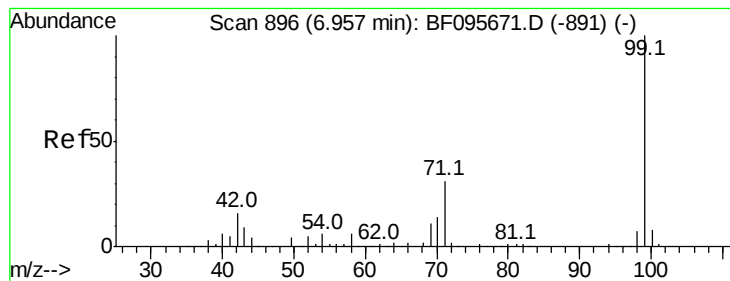


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 109.97 ng

RT: 6.94 min Scan# 910

Delta R.T. -0.02 min

Lab File: BF095723.D

Acq: 6 Jun 2017 22:40

Instrument :

BNA_F

ClientSampleId :

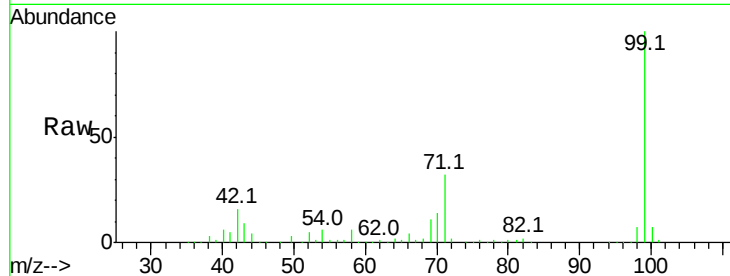
Tot Ion: 99 Resp: 740751

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

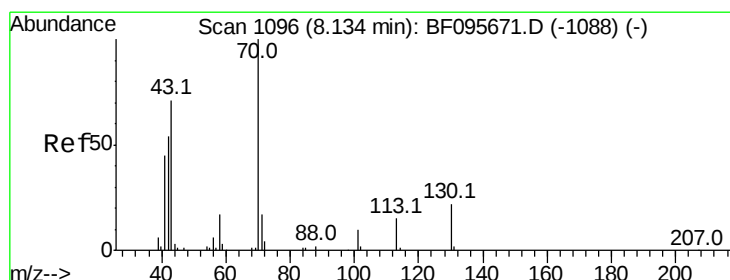
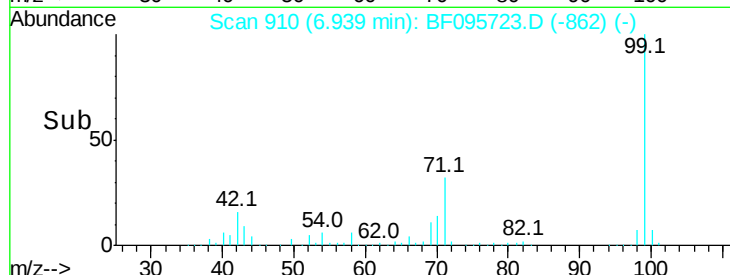
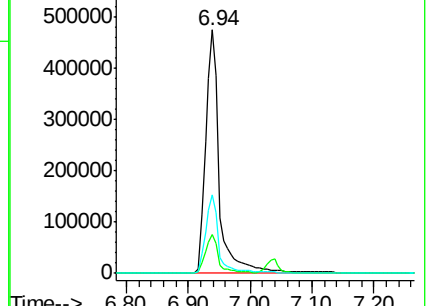
71 32.1 24.5 36.7



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: 12.65 ng

RT: 8.30 min Scan# 1141

Delta R.T. 0.16 min

Lab File: BF095723.D

Acq: 6 Jun 2017 22:40

Tgt Ion: 70 Resp: 54005

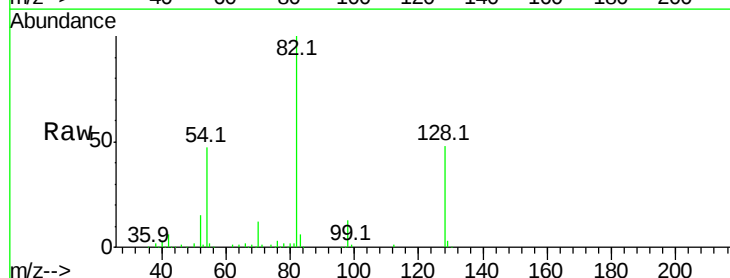
Ion Ratio Lower Upper

70 100

42 46.7 47.2 70.8#

101 0.0 7.2 10.8#

130 1.8 15.9 23.9#

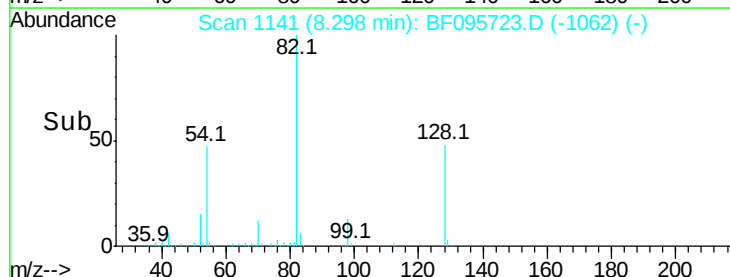
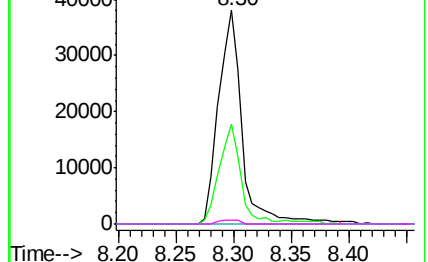


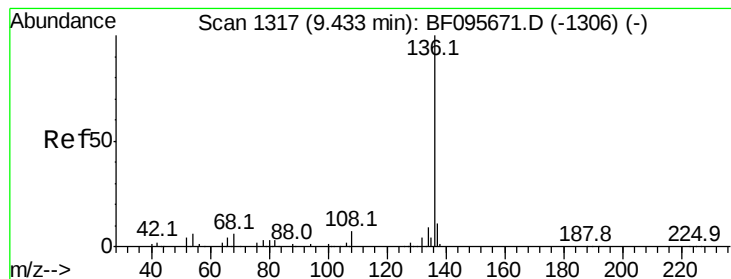
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.41 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF095723.D

Acq: 6 Jun 2017 22:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 354168

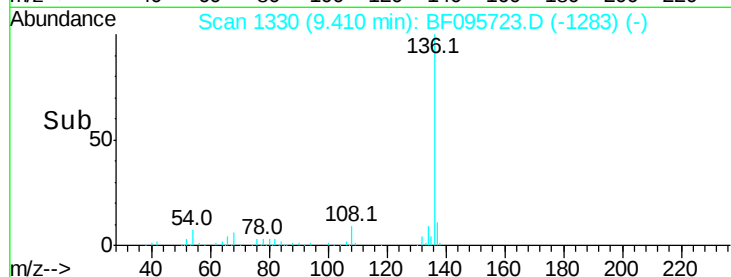
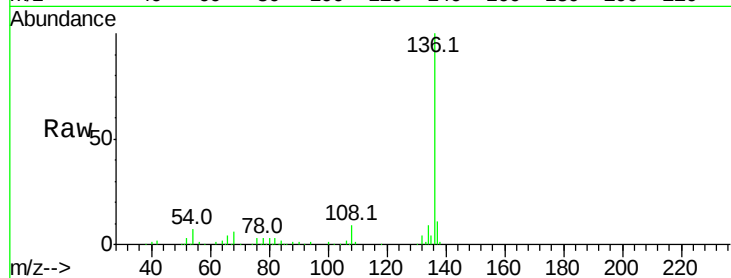
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 6.7 4.9 7.3

68 5.8 4.1 6.1

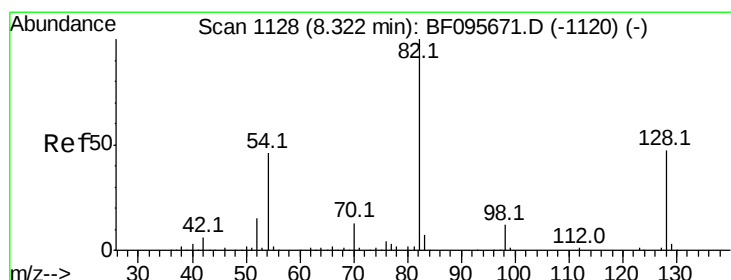
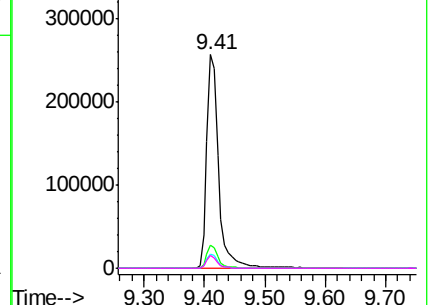


Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.70 ng

RT: 8.30 min Scan# 1141

Delta R.T. -0.02 min

Lab File: BF095723.D

Acq: 6 Jun 2017 22:40

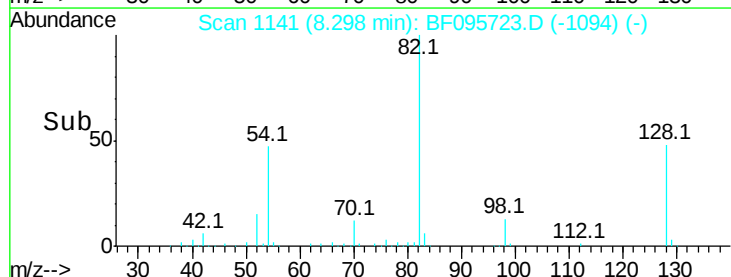
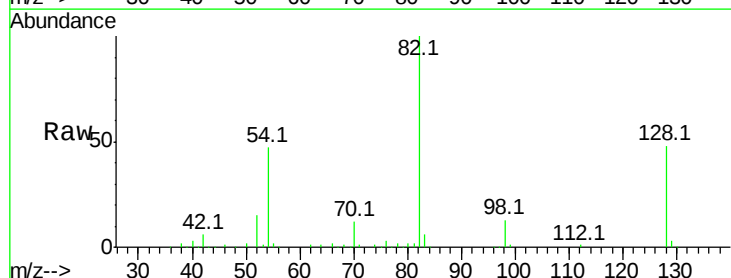
Tgt Ion: 82 Resp: 431726

Ion Ratio Lower Upper

82 100

128 47.6 34.0 51.0

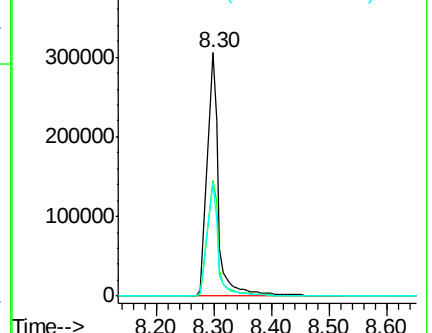
54 46.5 42.2 63.2

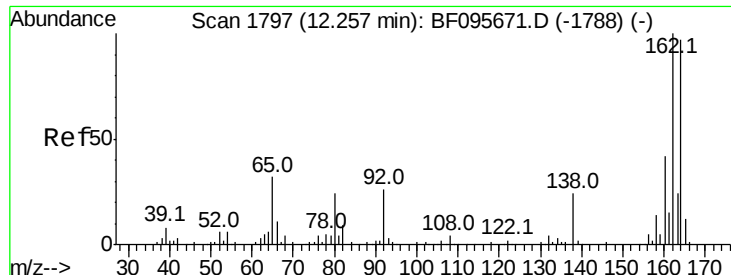


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

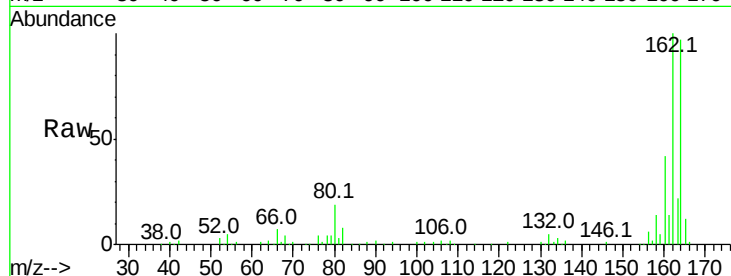




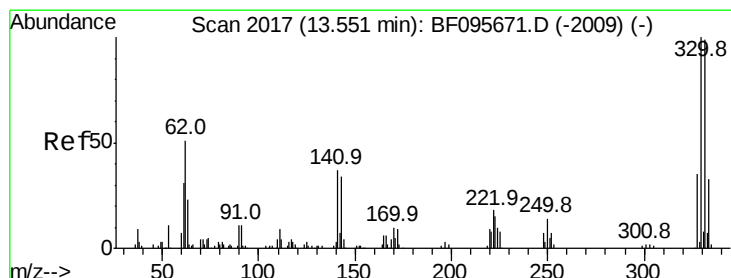
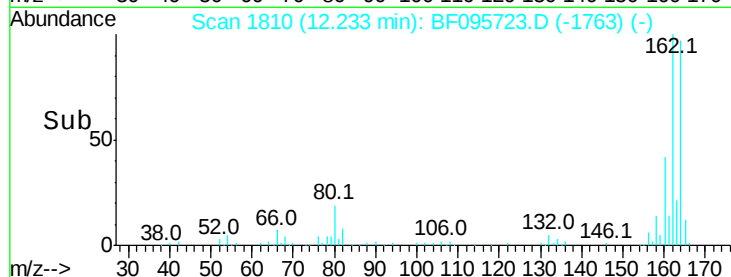
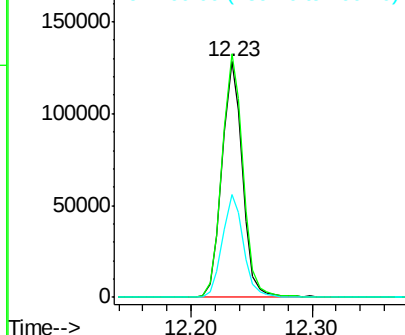
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.23 min Scan# 1810
 Delta R.T. -0.02 min
 Lab File: BF095723.D
 Acq: 6 Jun 2017 22:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 150386
 Ion Ratio Lower Upper
 164 100
 162 103.3 82.6 123.8
 160 43.8 36.2 54.2

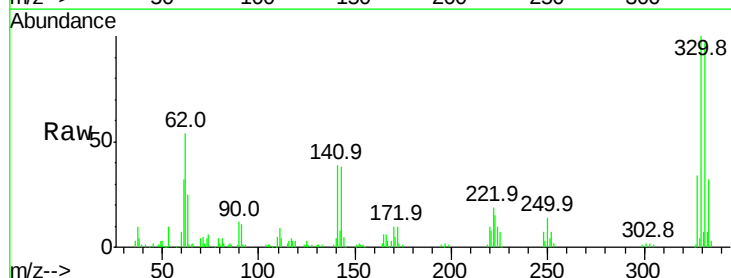


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

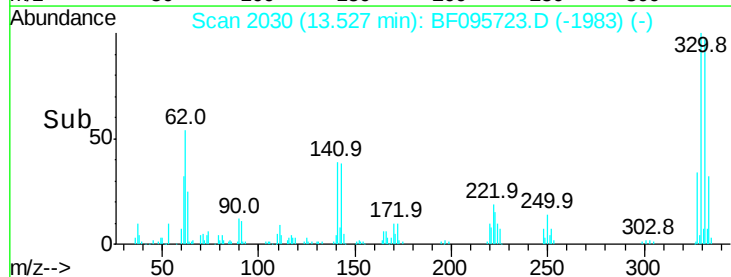
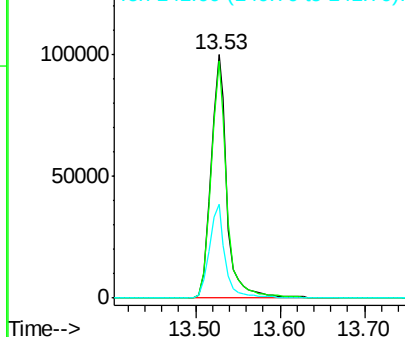


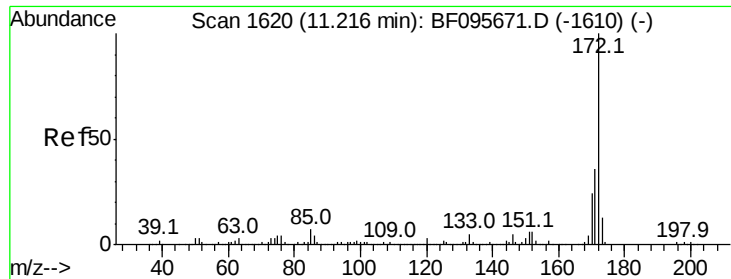
#41
 2,4,6-Tribromophenol
 Concen: 100.17 ng
 RT: 13.53 min Scan# 2030
 Delta R.T. -0.02 min
 Lab File: BF095723.D
 Acq: 6 Jun 2017 22:40

Tgt Ion:330 Resp: 133289
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 115.0
 141 37.8 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

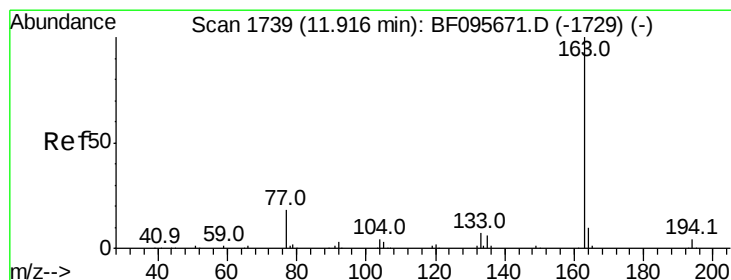
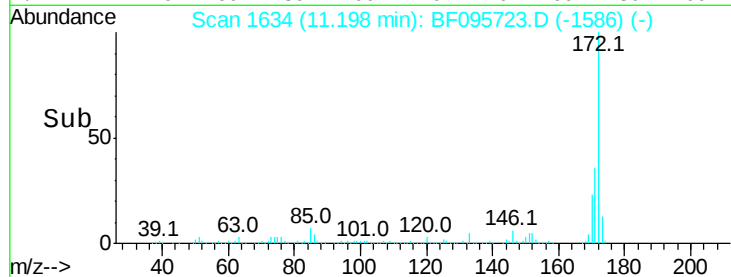
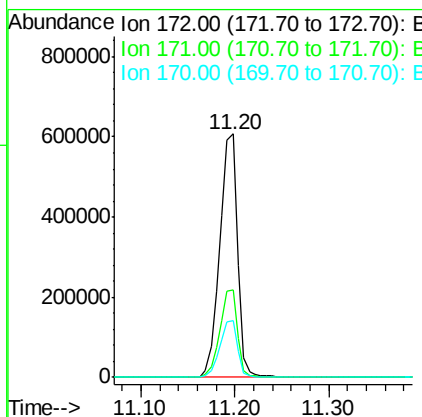
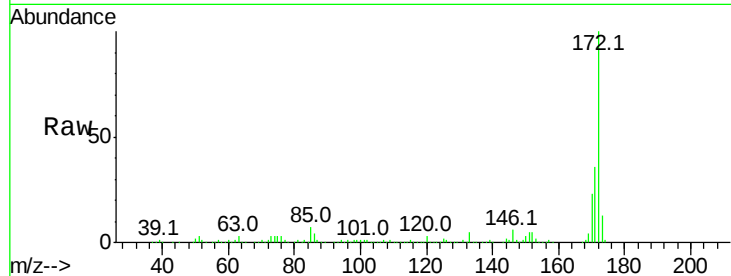




#44
2-Fluorobiphenyl
Concen: 74.62 ng
RT: 11.20 min Scan# 1634
Delta R.T. -0.02 min
Lab File: BF095723.D
Acq: 6 Jun 2017 22:40

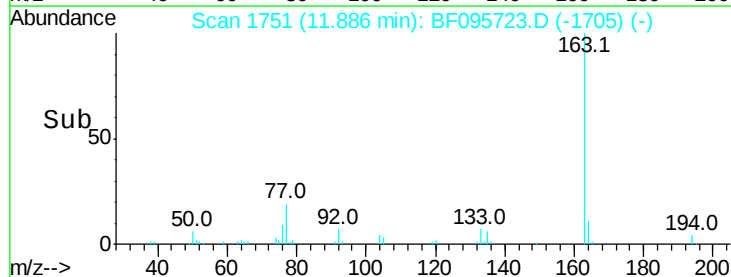
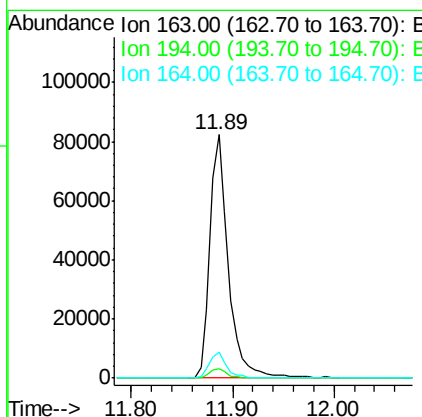
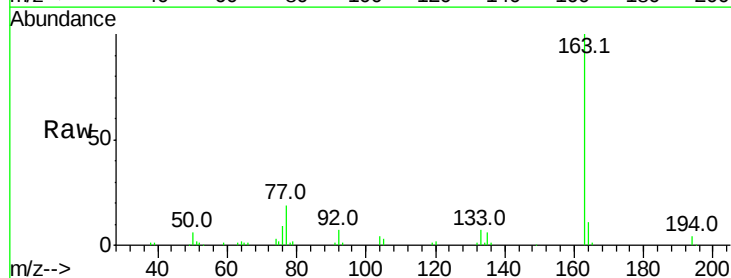
Instrument :
BNA_F
ClientSampleId :

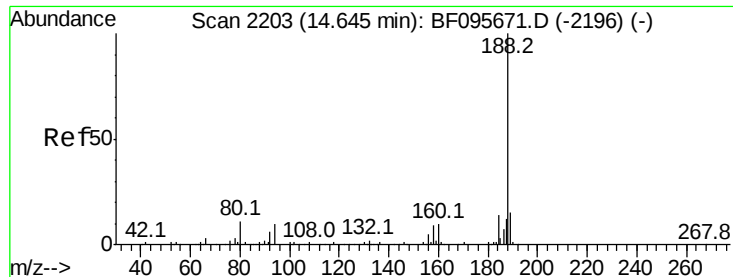
Tot Ion:172 Resp: 806373
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 23.4 19.8 29.8



#49
Dimethylphthalate
Concen: 9.13 ng
RT: 11.89 min Scan# 1751
Delta R.T. -0.03 min
Lab File: BF095723.D
Acq: 6 Jun 2017 22:40

Tgt Ion:163 Resp: 104246
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 10.7 8.4 12.6

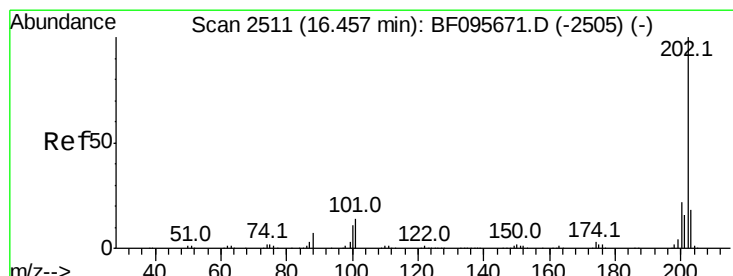
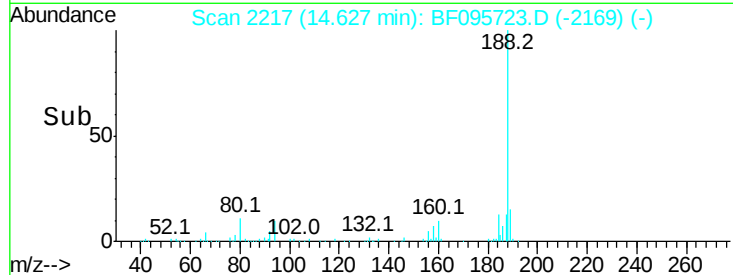
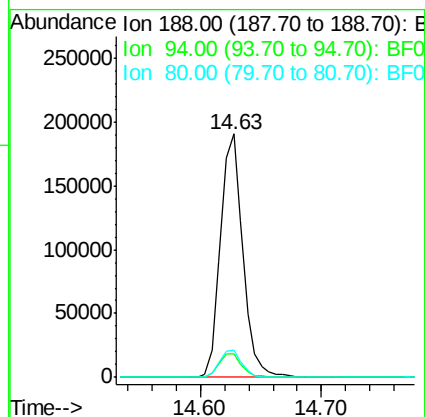
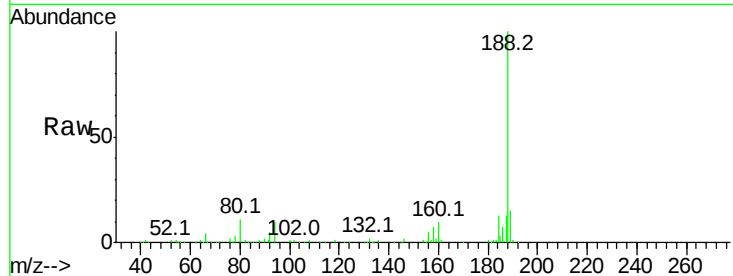




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2217
Delta R.T. -0.02 min
Lab File: BF095723.D
Acq: 6 Jun 2017 22:40

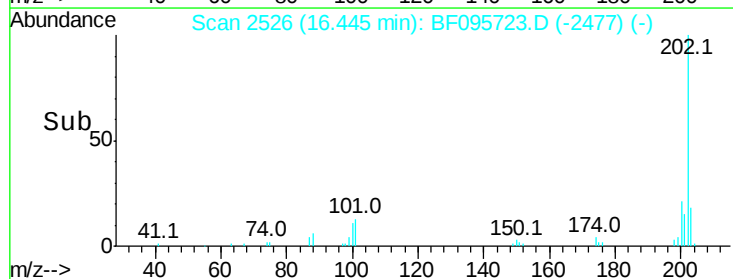
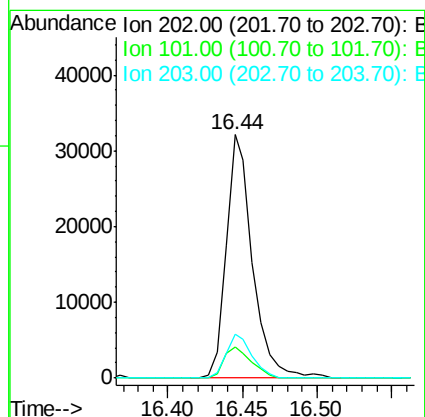
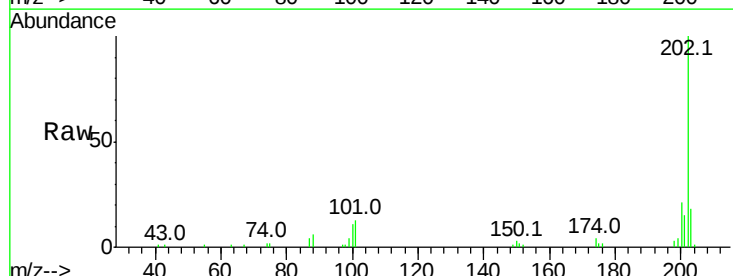
Instrument :
BNA_F
ClientSampleId :

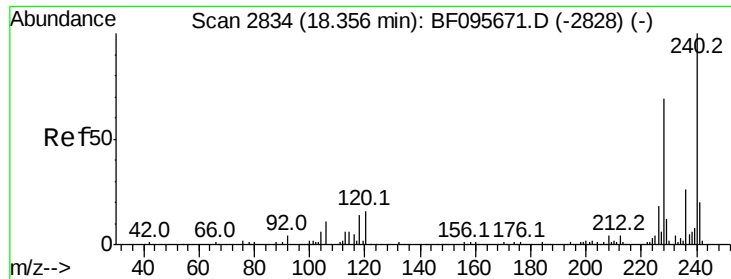
Tot Ion:188 Resp: 242405
Ion Ratio Lower Upper
188 100
94 9.7 9.4 14.2
80 11.0 10.2 15.2



#74
Fluoranthene
Concen: 2.87 ng
RT: 16.44 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BF095723.D
Acq: 6 Jun 2017 22:40

Tgt Ion:202 Resp: 39751
Ion Ratio Lower Upper
202 100
101 12.7 0.0 33.2
203 18.2 0.0 38.1

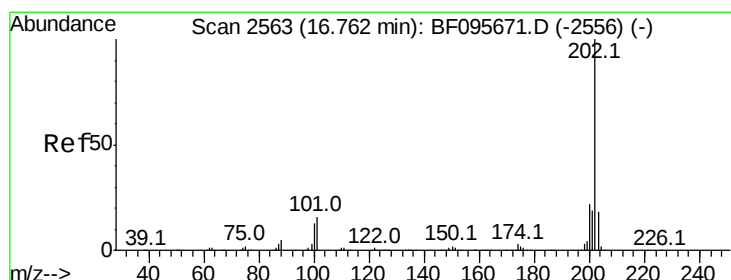
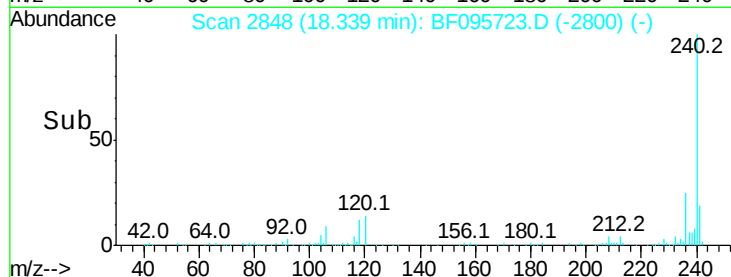
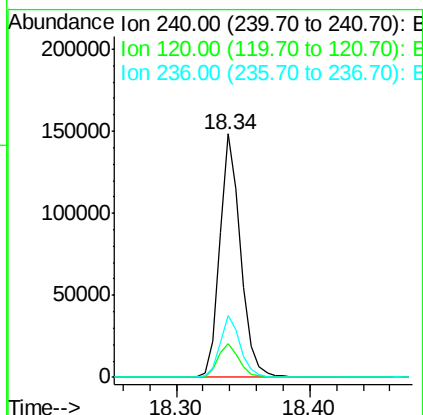
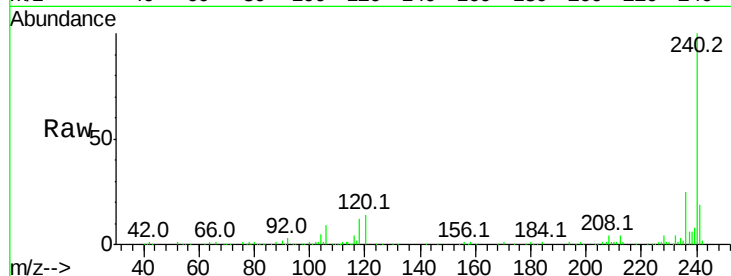




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.34 min Scan# 2848
 Delta R.T. -0.02 min
 Lab File: BF095723.D
 Acq: 6 Jun 2017 22:40

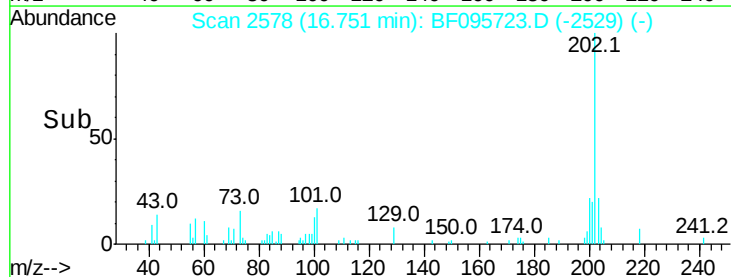
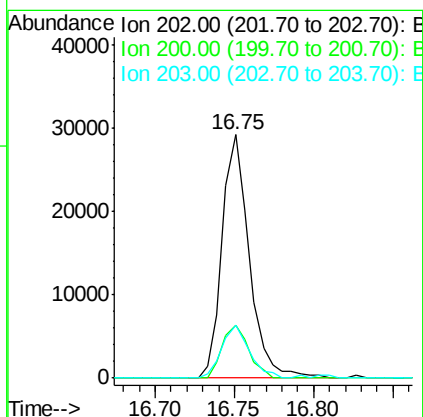
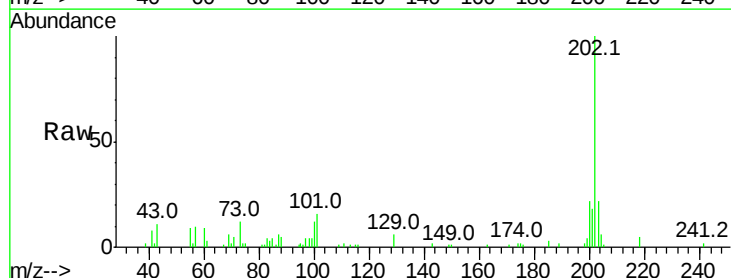
Instrument :
 BNA_F
 ClientSampleId :

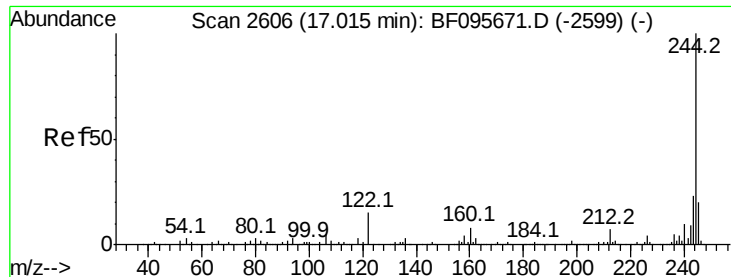
Tot Ion:240 Resp: 163759
 Ion Ratio Lower Upper
 240 100
 120 13.7 5.8 8.8#
 236 25.4 20.5 30.7



#77
 Pyrene
 Concen: 2.86 ng
 RT: 16.75 min Scan# 2578
 Delta R.T. -0.01 min
 Lab File: BF095723.D
 Acq: 6 Jun 2017 22:40

Tgt Ion:202 Resp: 34899
 Ion Ratio Lower Upper
 202 100
 200 21.9 17.6 26.4
 203 21.6 14.4 21.6#

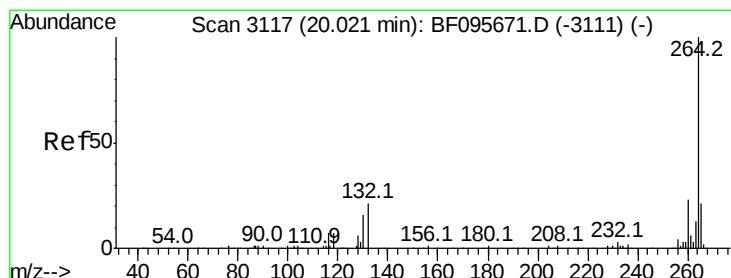
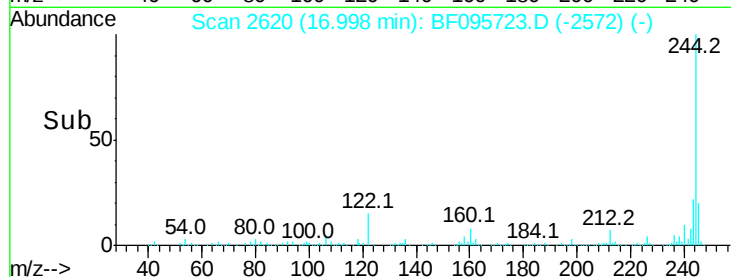
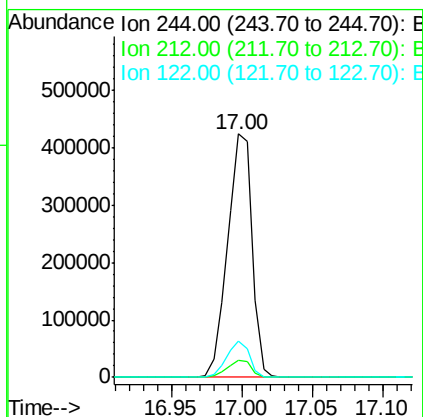
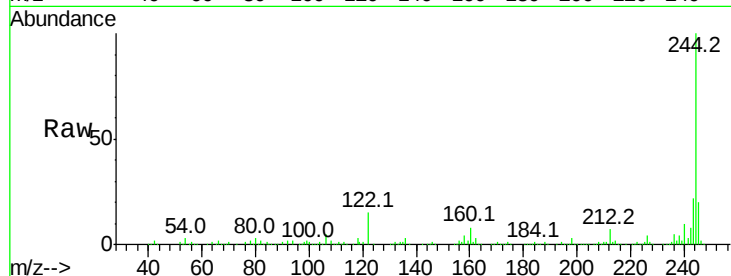




#78
 Terphenyl-d14
 Concen: 77.58 ng
 RT: 17.00 min Scan# 2620
 Delta R.T. -0.02 min
 Lab File: BF095723.D
 Acq: 6 Jun 2017 22:40

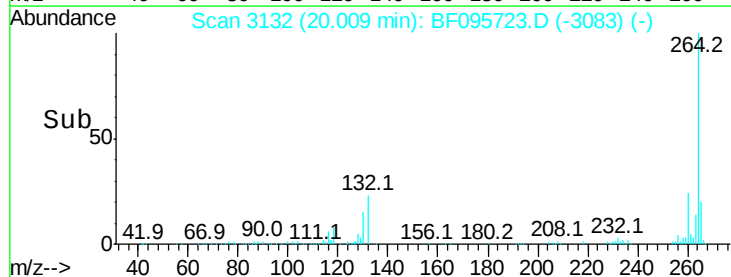
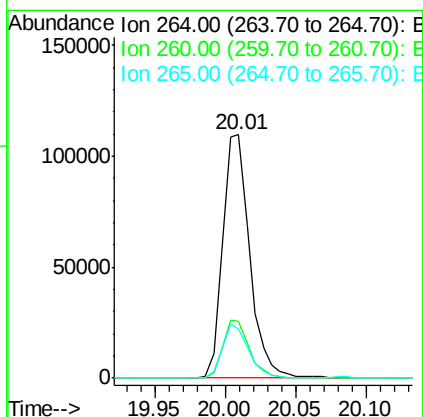
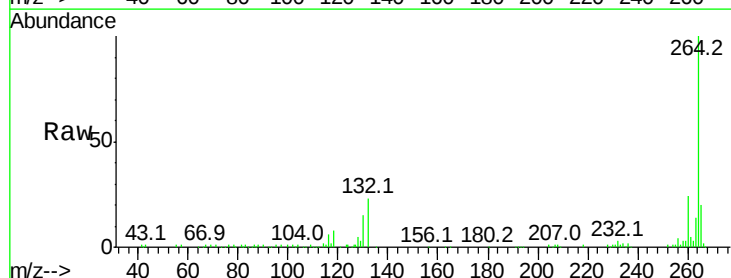
Instrument :
 BNA_F
 ClientSampleID :

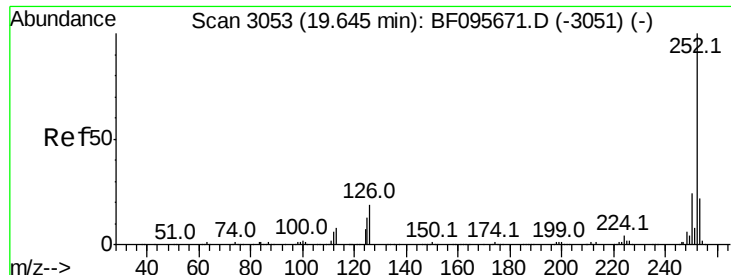
Tot Ion:244 Resp: 511912
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 14.9 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.01 min Scan# 3132
 Delta R.T. -0.01 min
 Lab File: BF095723.D
 Acq: 6 Jun 2017 22:40

Tgt Ion:264 Resp: 146052
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 20.2 17.2 25.8





#88

Benzo(k)fluoranthene

Concen: 2.03 ng

RT: 19.62 min Scan# 3065

Delta R.T. -0.03 min

Lab File: BF095723.D

Acq: 6 Jun 2017 22:40

Instrument :

BNA_F

ClientSampleId :

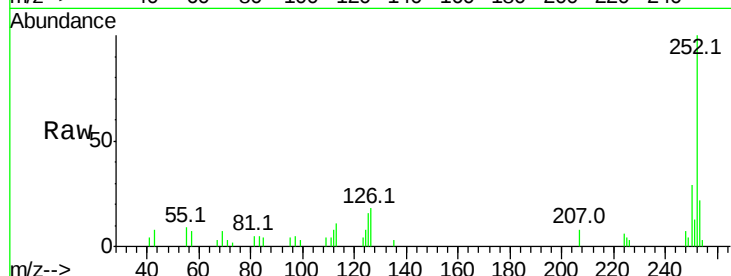
Tot Ion:252 Resp: 17706

Ion Ratio Lower Upper

252 100

253 22.1 18.4 27.6

125 16.0 13.1 19.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

