

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060717\
 Data File : BF095749.D
 Acq On : 7 Jun 2017 16:51
 Operator : SJ/MA
 Sample : I3488-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 08 04:06:05 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

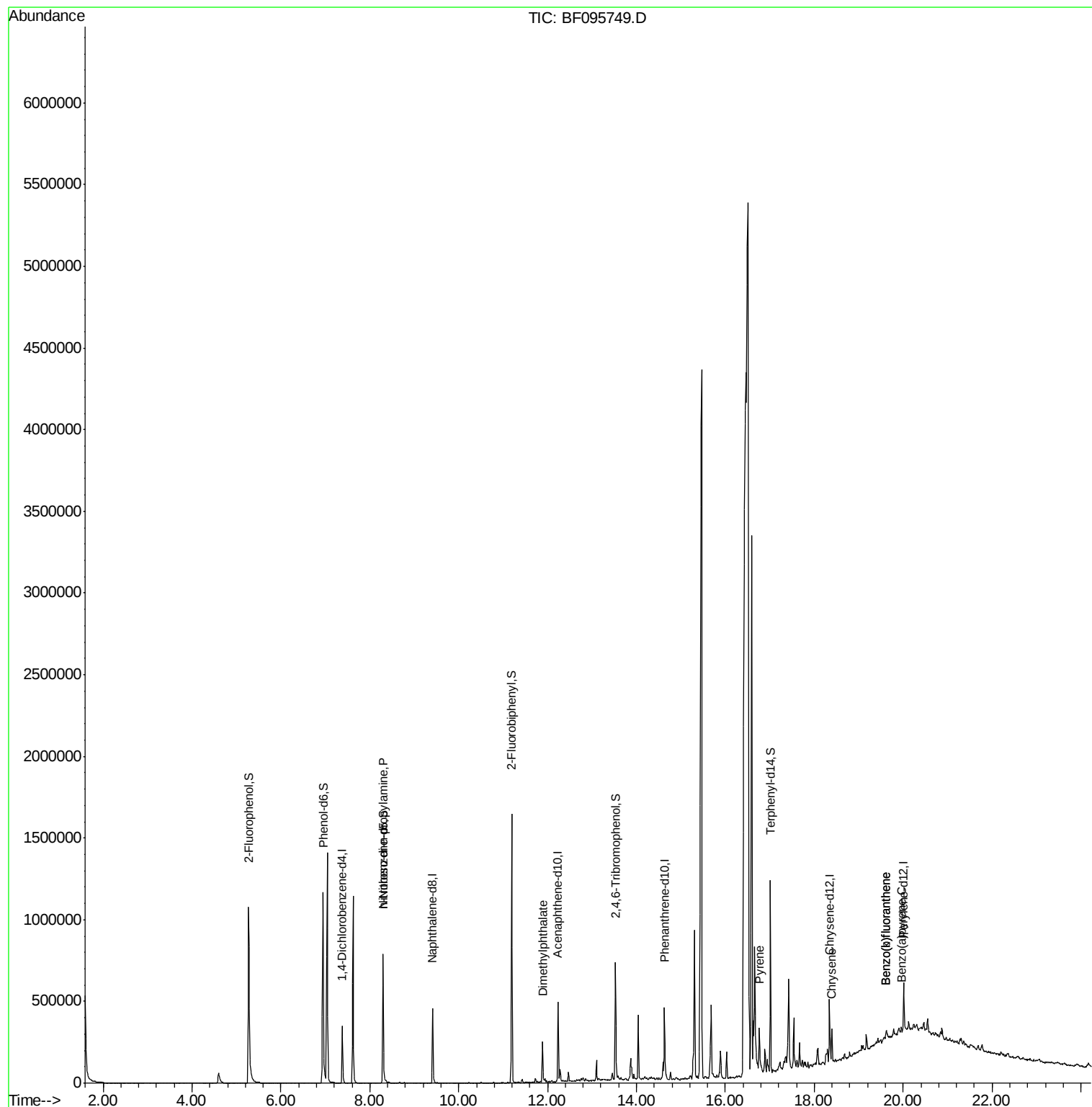
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	81379	20.00	ng	-0.02
21) Naphthalene-d8	9.41	136	322604	20.00	ng	-0.02
38) Acenaphthene-d10	12.23	164	136544	20.00	ng	-0.02
63) Phenanthrene-d10	14.63	188	211977	20.00	ng	-0.02
75) Chrysene-d12	18.34	240	156124	20.00	ng	-0.01
86) Perylene-d12	20.02	264	119422	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	579954	113.56	ng	-0.01
7) Phenol-d6	6.95	99	677966	110.89	ng	-0.01
23) Nitrobenzene-d5	8.30	82	393333	75.72	ng	-0.02
41) 2,4,6-Tribromophenol	13.53	330	117865	97.56	ng	-0.02
44) 2-Fluorobiphenyl	11.20	172	709512	72.31	ng	-0.02
78) Terphenyl-d14	17.02	244	421891	67.06	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.30	70	50317	12.99	ng	# 75
49) Dimethylphthalate	11.89	163	138101	13.32	ng	99
77) Pyrene	16.77	202	34600	2.97	ng	97
82) Chrysene	18.38	228	18761	2.07	ng	# 86
87) Benzo(b)fluoranthene	19.62	252	31658	4.23	ng	# 79
88) Benzo(k)fluoranthene	19.62	252	31658	4.43	ng	# 83
89) Benzo(a)pyrene	19.97	252	14658	2.13	ng	# 74

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

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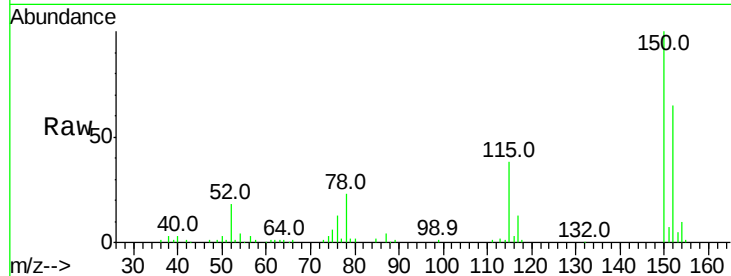


#1

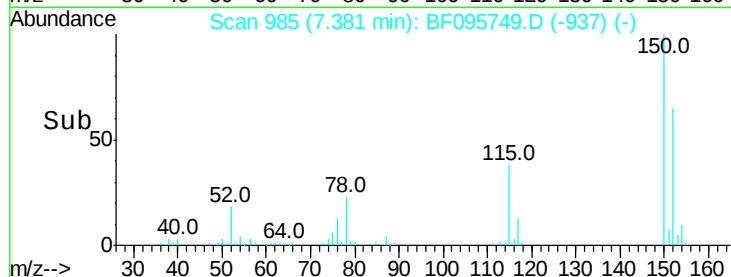
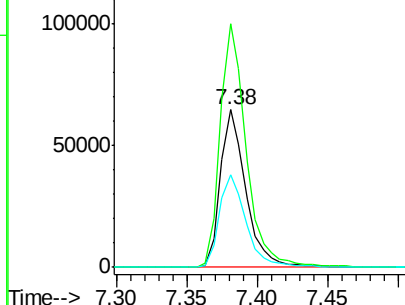
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 985
Delta R.T. -0.02 min
Lab File: BF095749.D
Acq: 7 Jun 2017 16:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 81379
Ion Ratio Lower Upper
152 100
150 154.7 126.2 189.2
115 59.0 52.2 78.2



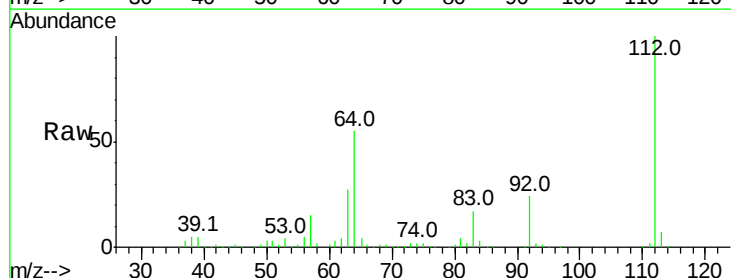
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



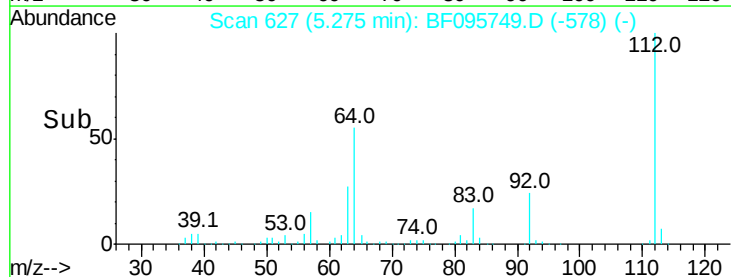
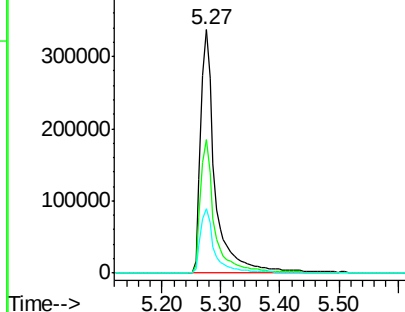
#5

2-Fluorophenol
Concen: 113.56 ng
RT: 5.27 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF095749.D
Acq: 7 Jun 2017 16:51

Tgt Ion:112 Resp: 579954
Ion Ratio Lower Upper
112 100
64 54.9 46.0 69.0
63 26.6 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: 110.89 ng

RT: 6.95 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF095749.D

Acq: 7 Jun 2017 16:51

Instrument :

BNA_F

ClientSampleId :

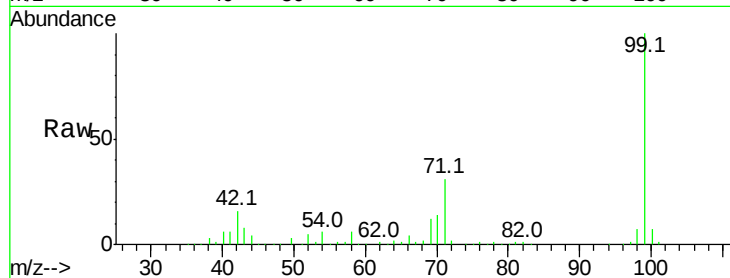
Tot Ion: 99 Resp: 677966

Ion Ratio Lower Upper

99 100

42 15.6 13.5 20.3

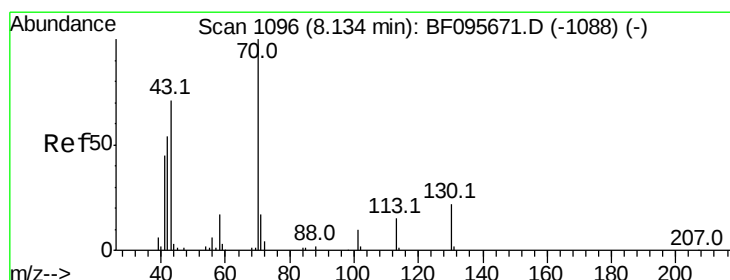
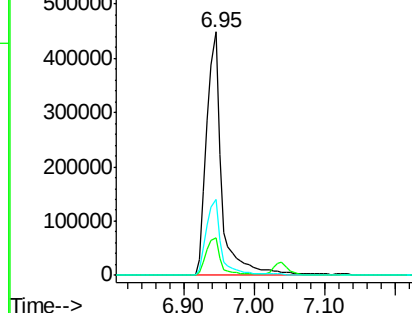
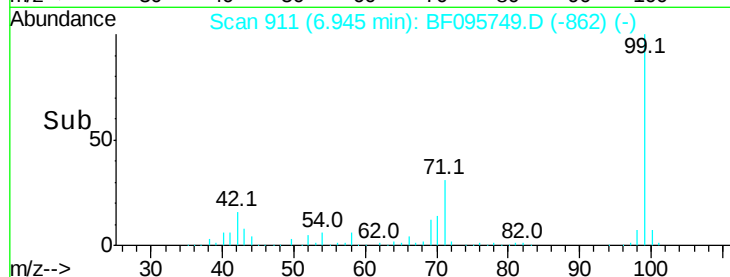
71 31.2 24.5 36.7



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: 12.99 ng

RT: 8.30 min Scan# 1141

Delta R.T. 0.16 min

Lab File: BF095749.D

Acq: 7 Jun 2017 16:51

Tgt Ion: 70 Resp: 50317

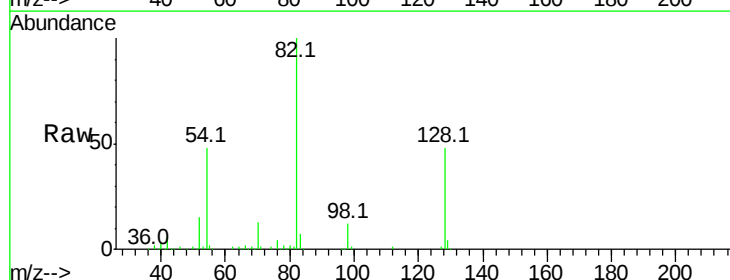
Ion Ratio Lower Upper

70 100

42 43.6 47.2 70.8#

101 0.0 7.2 10.8#

130 2.4 15.9 23.9#

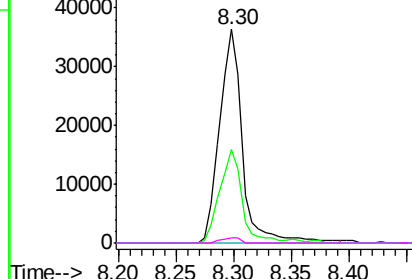
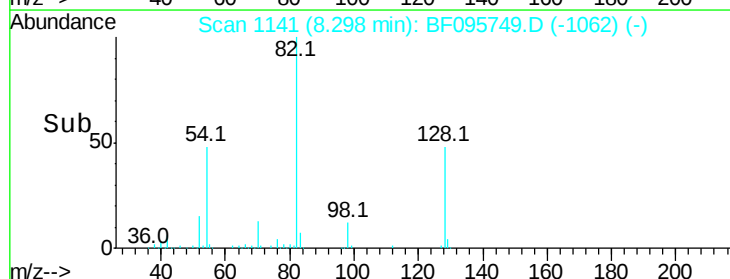


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF095749.D

Acq: 7 Jun 2017 16:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 322604

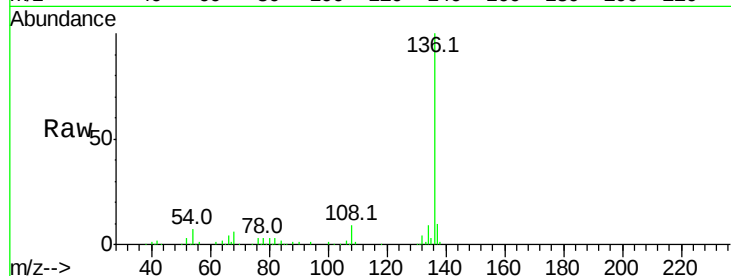
Ion Ratio Lower Upper

136 100

137 10.2 8.5 12.7

54 6.7 4.9 7.3

68 5.5 4.1 6.1

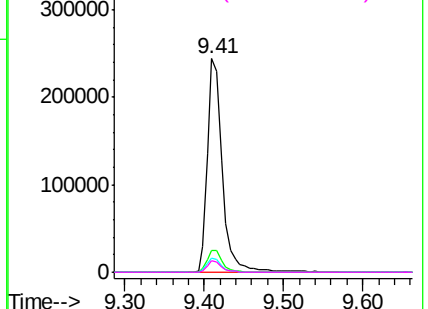
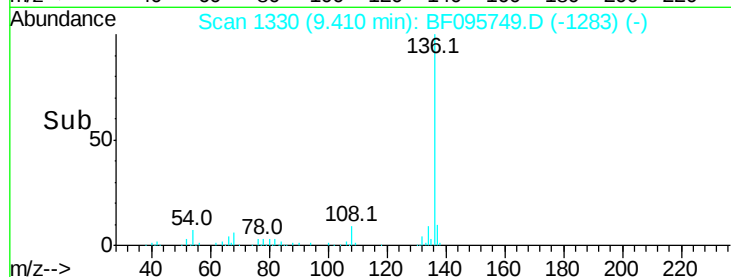


Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.72 ng

RT: 8.30 min Scan# 1141

Delta R.T. -0.02 min

Lab File: BF095749.D

Acq: 7 Jun 2017 16:51

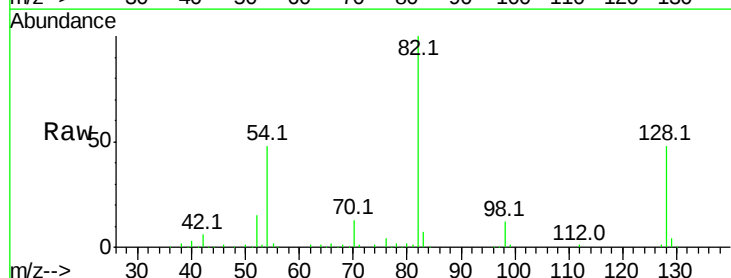
Tgt Ion: 82 Resp: 393333

Ion Ratio Lower Upper

82 100

128 48.3 34.0 51.0

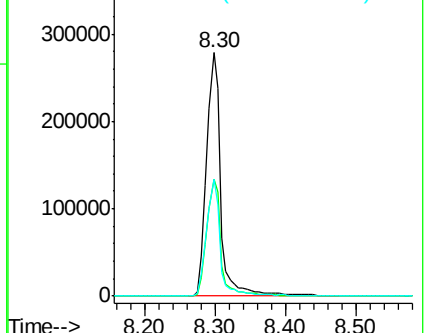
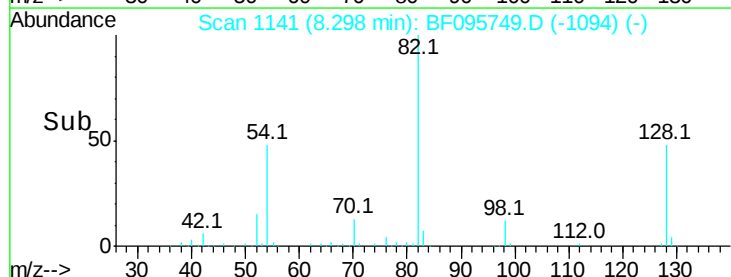
54 48.3 42.2 63.2



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

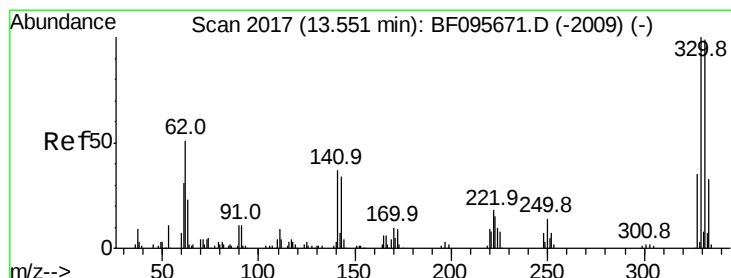
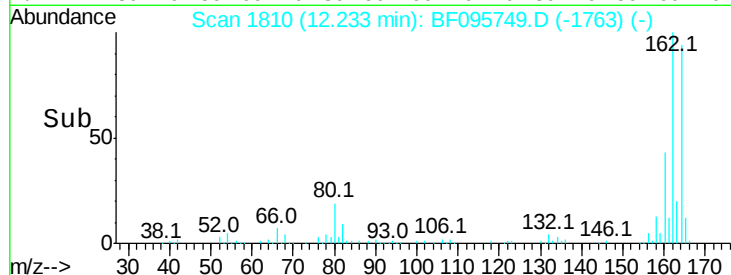
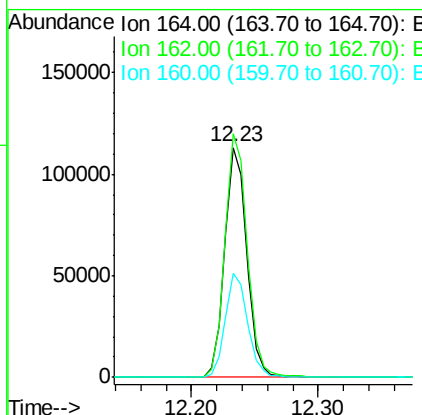
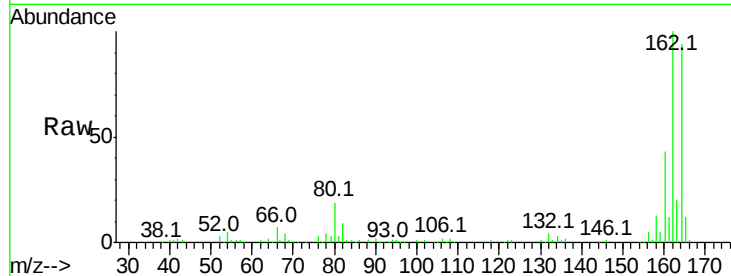




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.23 min Scan# 1810
Delta R.T. -0.02 min
Lab File: BF095749.D
Acq: 7 Jun 2017 16:51

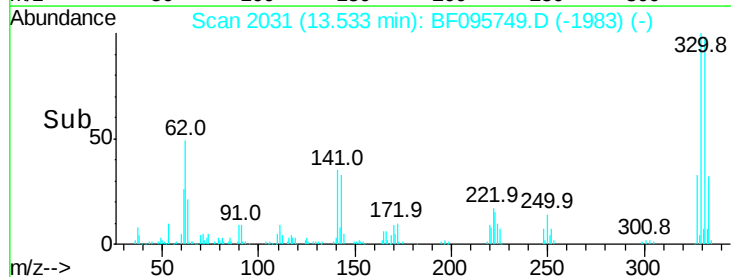
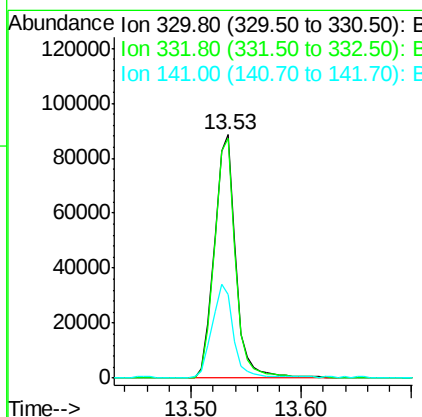
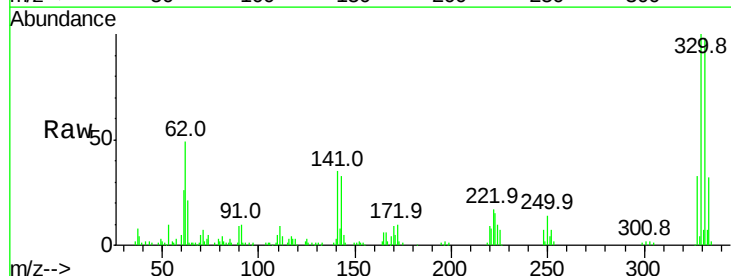
Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 136544
Ion Ratio Lower Upper
164 100
162 105.8 82.6 123.8
160 45.2 36.2 54.2



#41
2,4,6-Tribromophenol
Concen: 97.56 ng
RT: 13.53 min Scan# 2031
Delta R.T. -0.02 min
Lab File: BF095749.D
Acq: 7 Jun 2017 16:51

Tgt Ion:330 Resp: 117865
Ion Ratio Lower Upper
330 100
332 97.0 76.6 115.0
141 38.9 31.4 47.2

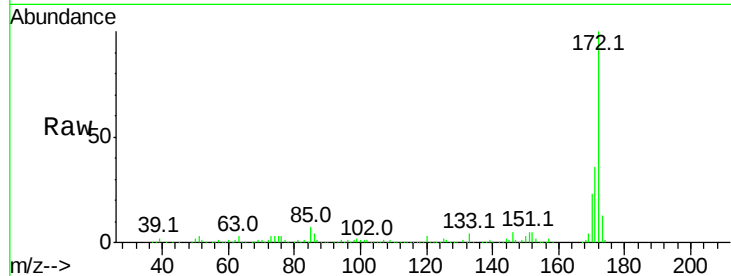




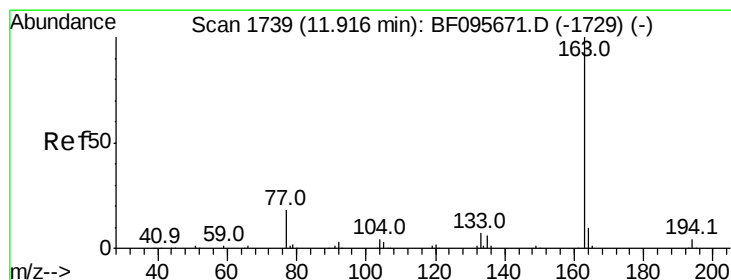
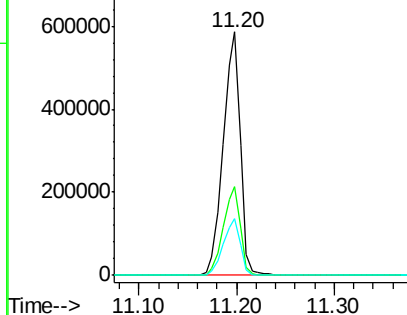
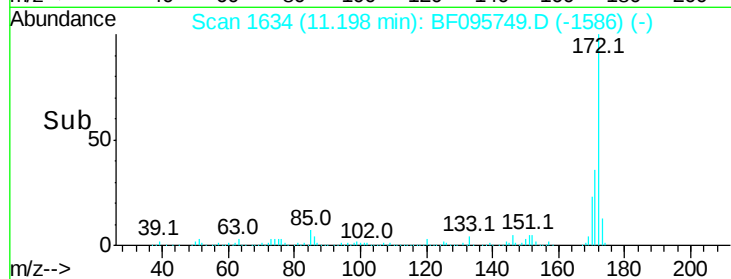
#44
2-Fluorobiphenyl
Concen: 72.31 ng
RT: 11.20 min Scan# 1634
Delta R.T. -0.02 min
Lab File: BF095749.D
Acq: 7 Jun 2017 16:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	23.2	19.8	29.8

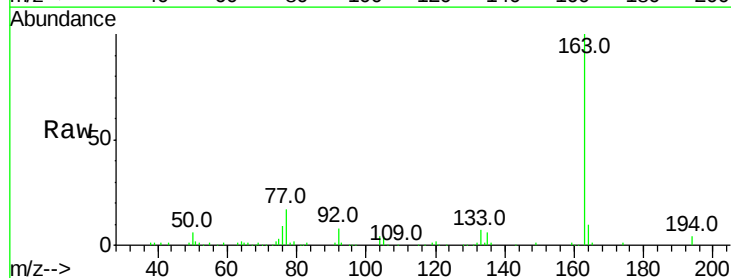


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

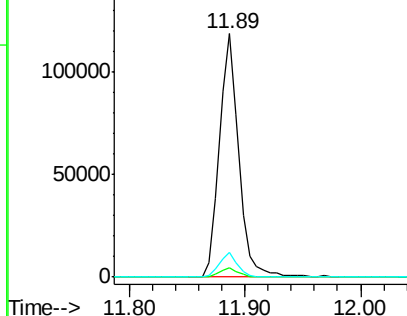
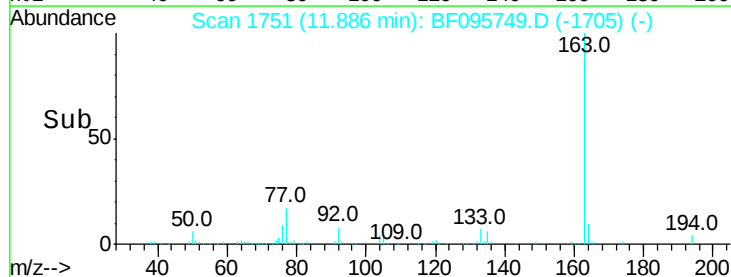


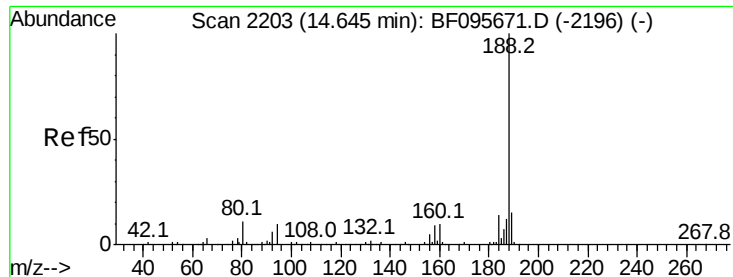
#49
Dimethylphthalate
Concen: 13.32 ng
RT: 11.89 min Scan# 1751
Delta R.T. -0.03 min
Lab File: BF095749.D
Acq: 7 Jun 2017 16:51

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	10.0	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

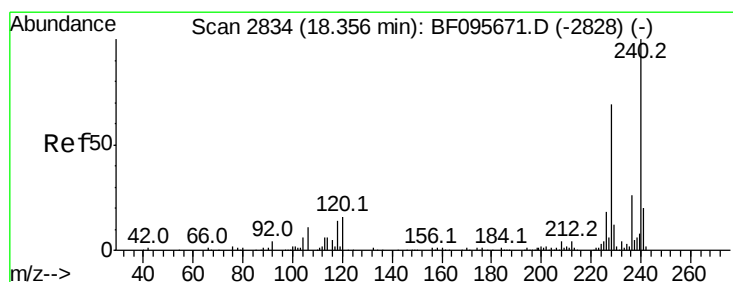
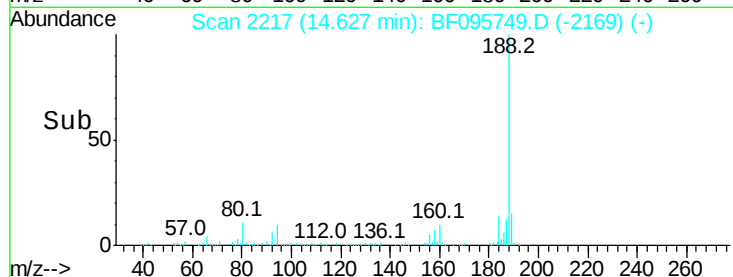
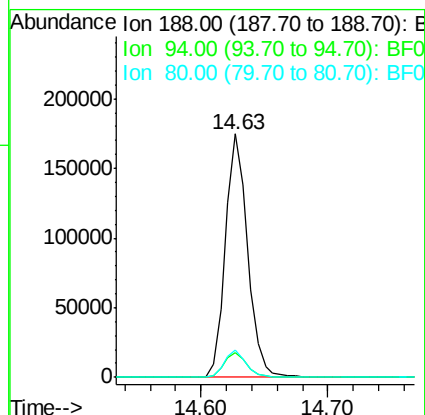
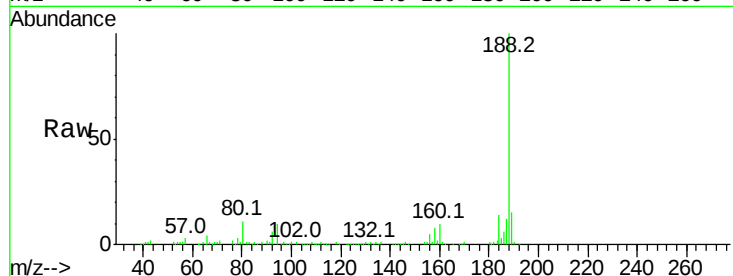




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2217
Delta R.T. -0.02 min
Lab File: BF095749.D
Acq: 7 Jun 2017 16:51

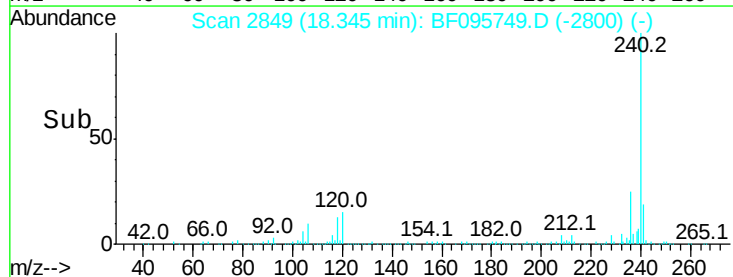
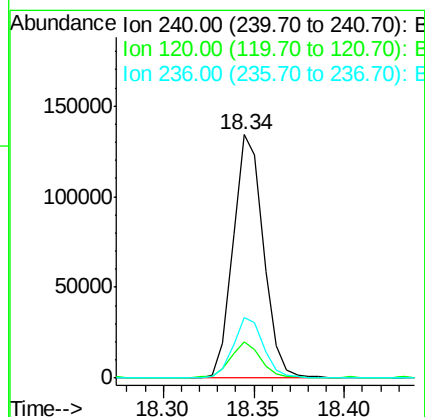
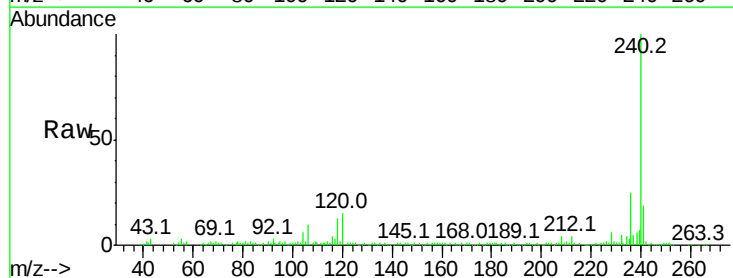
Instrument :
BNA_F
ClientSampleId :

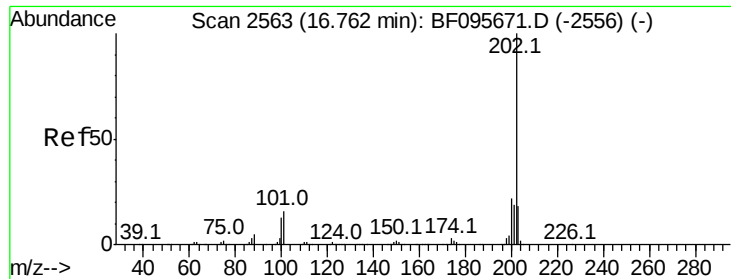
Tot Ion:188 Resp: 211977
Ion Ratio Lower Upper
188 100
94 10.3 9.4 14.2
80 11.2 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.34 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BF095749.D
Acq: 7 Jun 2017 16:51

Tgt Ion:240 Resp: 156124
Ion Ratio Lower Upper
240 100
120 14.9 5.8 8.8#
236 25.1 20.5 30.7





#77

Pvrene

Concen: 2.97 ng

RT: 16.77 min Scan# 2581

Delta R.T. 0.01 min

Lab File: BF095749.D

Acq: 7 Jun 2017 16:51

Instrument :

BNA_F

ClientSampleId :

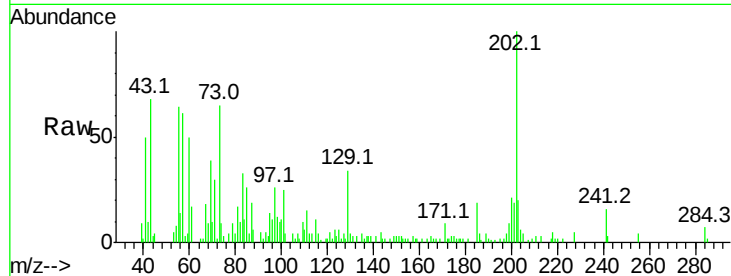
Tot Ion:202 Resp: 34600

Ion Ratio Lower Upper

202 100

200 20.9 17.6 26.4

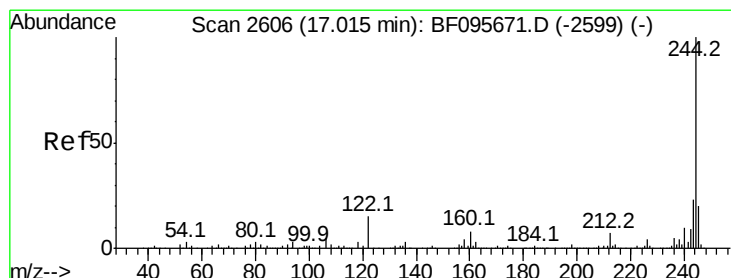
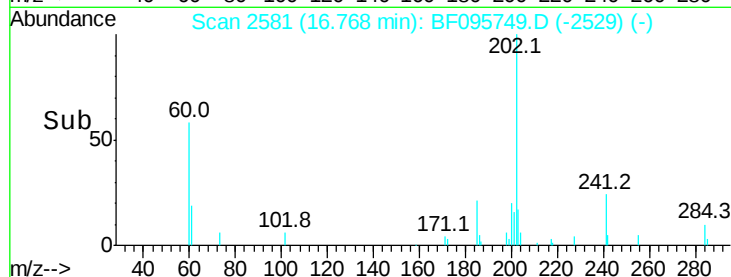
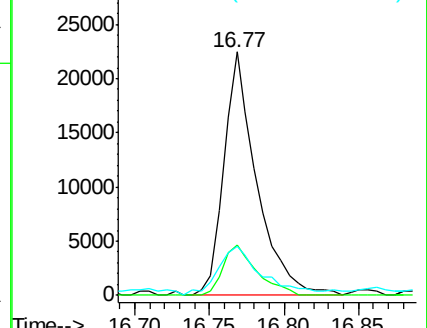
203 20.0 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 67.06 ng

RT: 17.02 min Scan# 2623

Delta R.T. -0.00 min

Lab File: BF095749.D

Acq: 7 Jun 2017 16:51

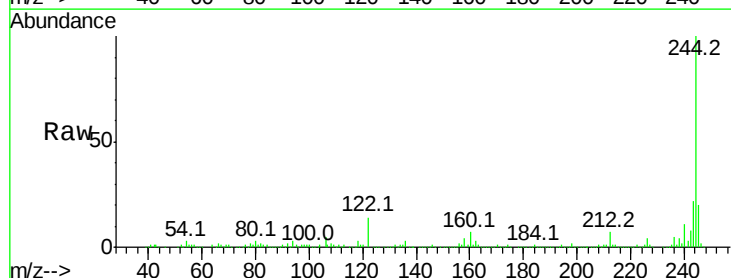
Tgt Ion:244 Resp: 421891

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

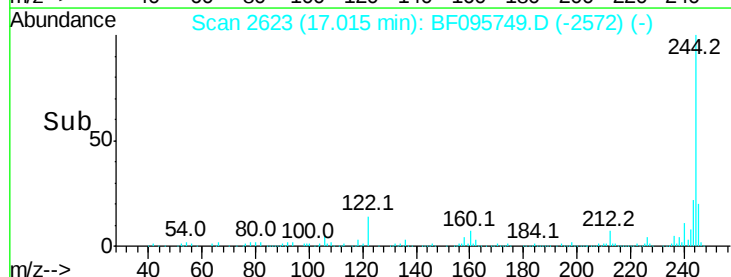
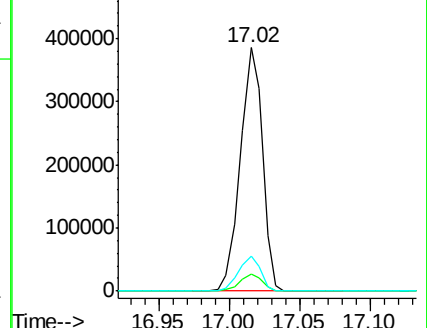
122 14.1 10.3 15.5

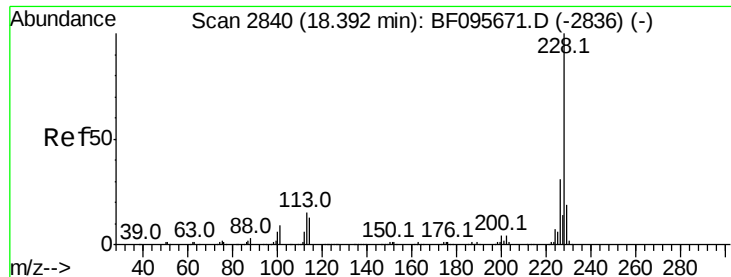


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#82

Chrysene

Concen: 2.07 ng

RT: 18.38 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BF095749.D

Acq: 7 Jun 2017 16:51

Instrument :

BNA_F

ClientSampleId :

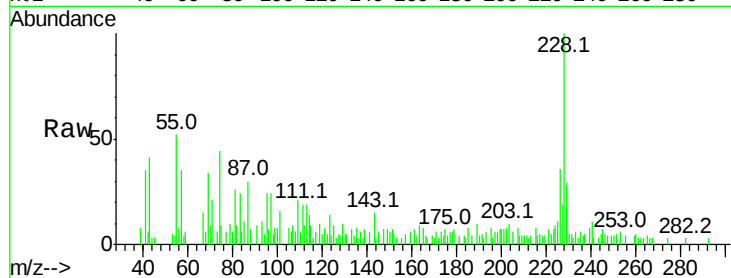
Tot Ion:228 Resp: 18761

Ion Ratio Lower Upper

228 100

226 35.9 24.9 37.3

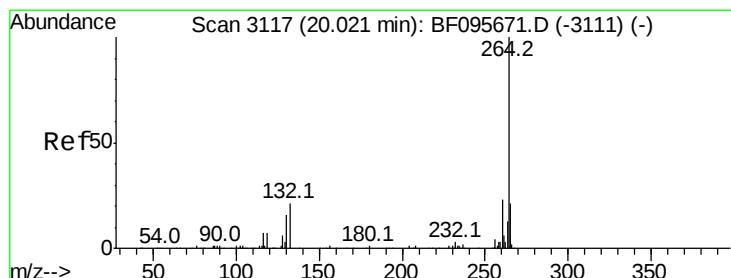
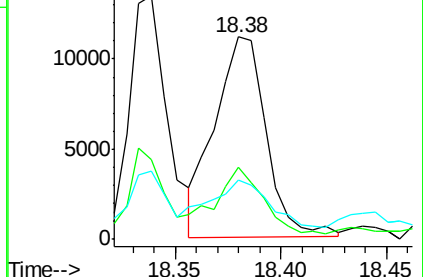
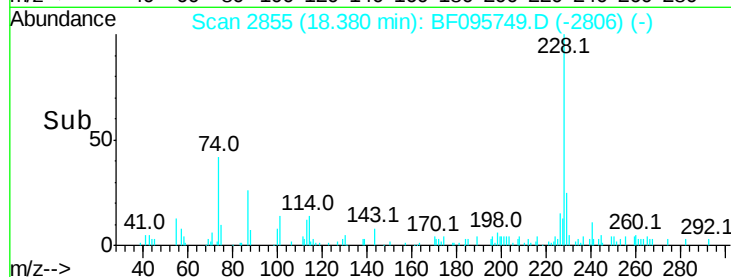
229 29.4 15.8 23.6#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 20.02 min Scan# 3133

Delta R.T. -0.01 min

Lab File: BF095749.D

Acq: 7 Jun 2017 16:51

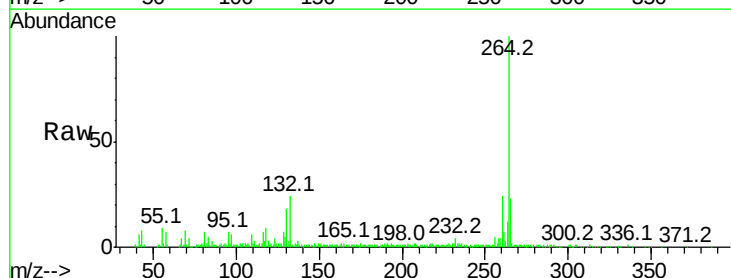
Tgt Ion:264 Resp: 119422

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

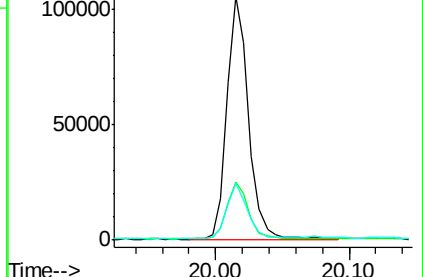
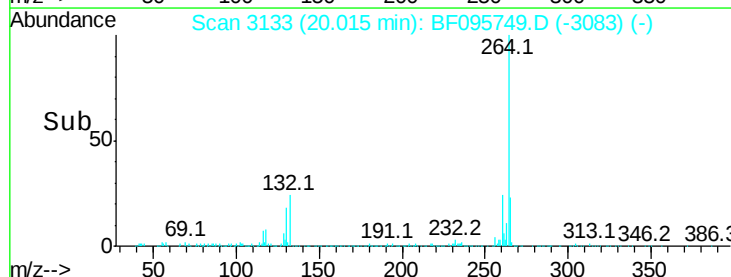
265 23.2 17.2 25.8

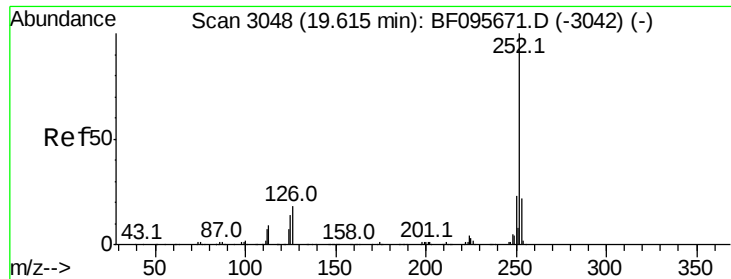


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 4.23 ng

RT: 19.62 min Scan# 3065

Delta R.T. -0.00 min

Lab File: BF095749.D

Acq: 7 Jun 2017 16:51

Instrument :

BNA_F

ClientSampleId :

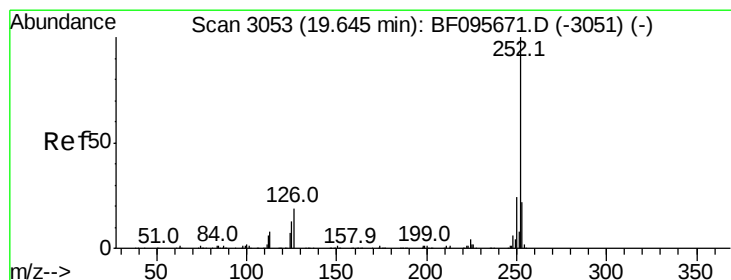
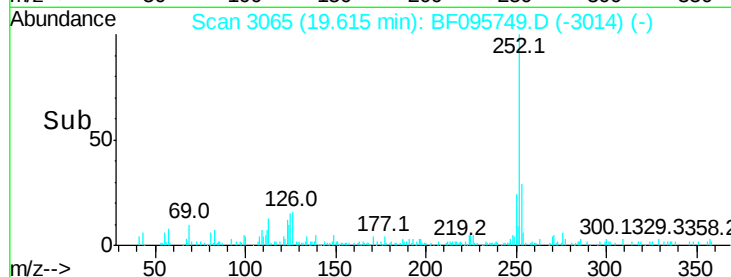
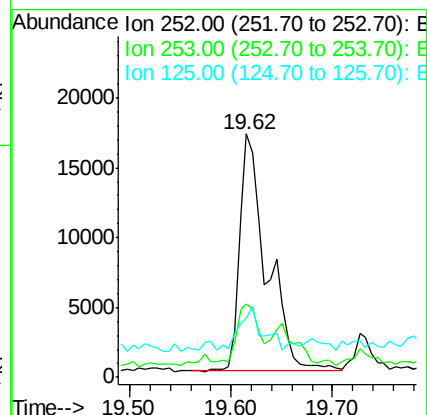
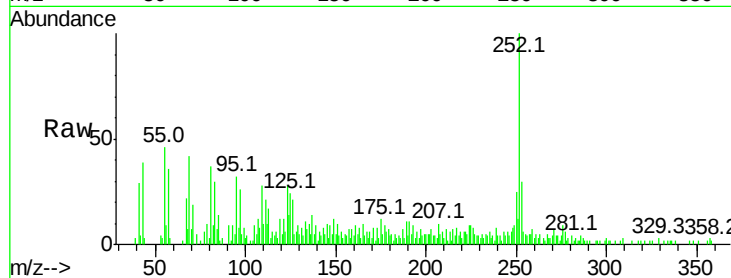
Tot Ion:252 Resp: 31658

Ion Ratio Lower Upper

252 100

253 30.3 18.1 27.1#

125 24.5 9.8 14.8#



#88

Benzo(k)fluoranthene

Concen: 4.43 ng

RT: 19.62 min Scan# 3065

Delta R.T. -0.03 min

Lab File: BF095749.D

Acq: 7 Jun 2017 16:51

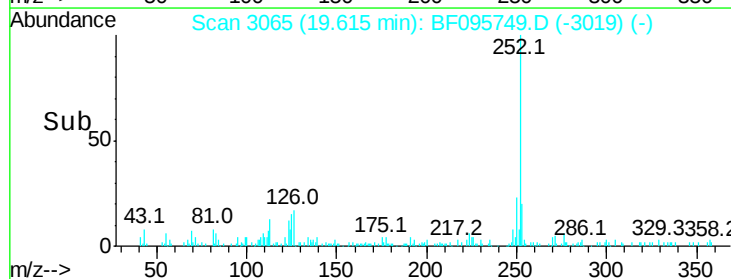
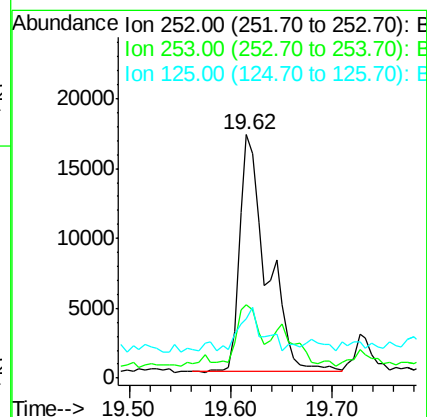
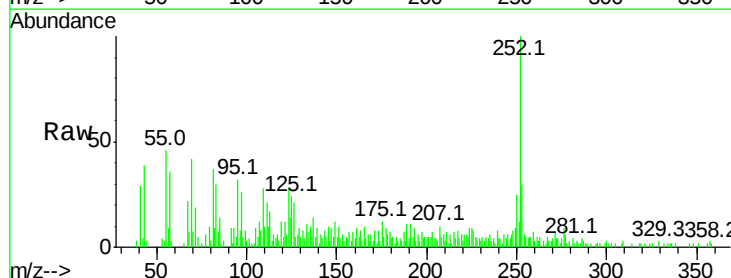
Tgt Ion:252 Resp: 31658

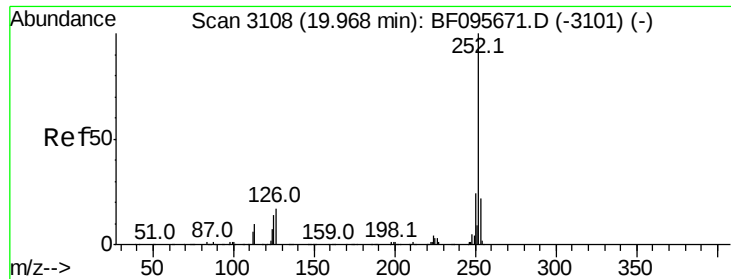
Ion Ratio Lower Upper

252 100

253 30.3 18.4 27.6#

125 24.5 13.1 19.7#

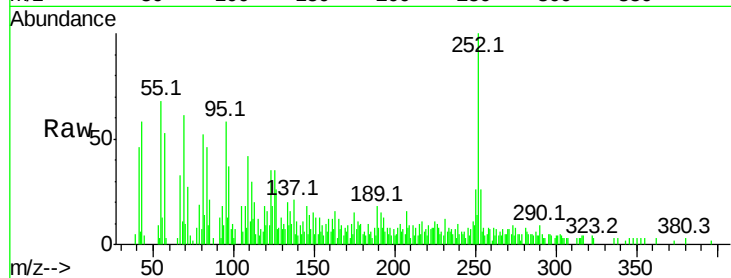




#89
 Benzo(a)pyrene
 Concen: 2.13 ng
 RT: 19.97 min Scan# 3125
 Delta R.T. -0.00 min
 Lab File: BF095749.D
 Acq: 7 Jun 2017 16:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.5	26.3
125	34.9	11.0	16.4



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

