

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060717\
 Data File : BF095755.D
 Acq On : 7 Jun 2017 20:03
 Operator : SJ/MA
 Sample : I3479-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 08 04:07:46 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

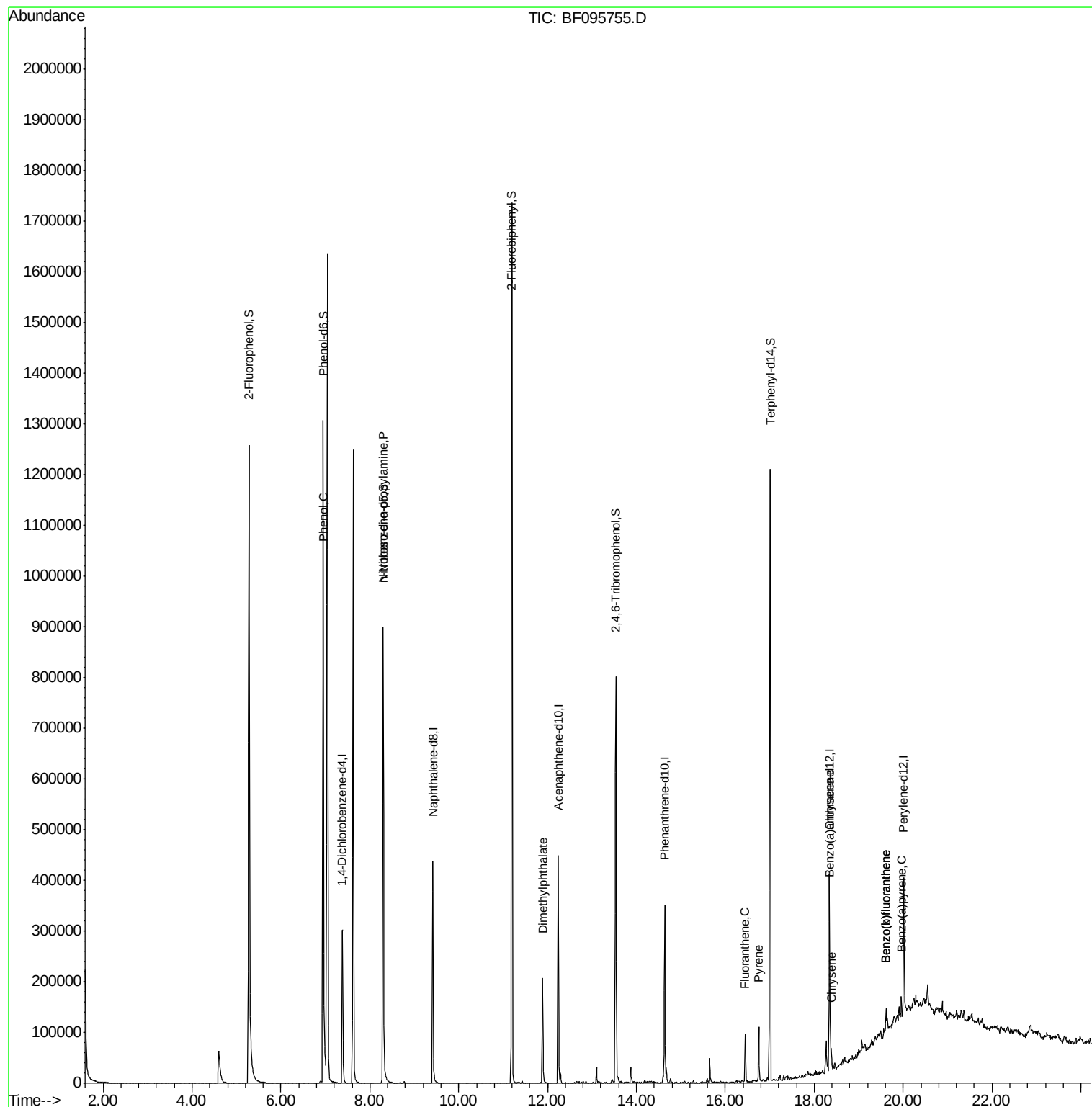
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	74307	20.00	ng	-0.01
21) Naphthalene-d8	9.42	136	295529	20.00	ng	-0.02
38) Acenaphthene-d10	12.24	164	119934	20.00	ng	-0.02
63) Phenanthrene-d10	14.63	188	180417	20.00	ng	-0.01
75) Chrysene-d12	18.34	240	145052	20.00	ng	-0.01
86) Perylene-d12	20.01	264	107388	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	665842	142.78	ng	0.00
7) Phenol-d6	6.95	99	789065	141.34	ng	0.00
23) Nitrobenzene-d5	8.30	82	453912	95.39	ng	-0.02
41) 2,4,6-Tribromophenol	13.53	330	129849	122.37	ng	-0.02
44) 2-Fluorobiphenyl	11.20	172	831487	96.48	ng	-0.01
78) Terphenyl-d14	17.01	244	479862	82.10	ng	0.00
Target Compounds						
10) Phenol	6.96	94	14099	2.43	ng	# 77
19) n-Nitroso-di-n-propylamine	8.30	70	57537	16.26	ng	# 72
49) Dimethylphthalate	11.89	163	124246	13.64	ng	99
74) Fluoranthene	16.44	202	46378	4.50	ng	99
77) Pyrene	16.75	202	41466	3.83	ng	# 94
80) Benzo(a)anthracene	18.33	228	20305	2.41	ng	95
82) Chrysene	18.38	228	20398	2.42	ng	# 93
87) Benzo(b)fluoranthene	19.62	252	32325	4.81	ng	# 89
88) Benzo(k)fluoranthene	19.62	252	32325	5.03	ng	94
89) Benzo(a)pyrene	19.96	252	15966	2.58	ng	# 91

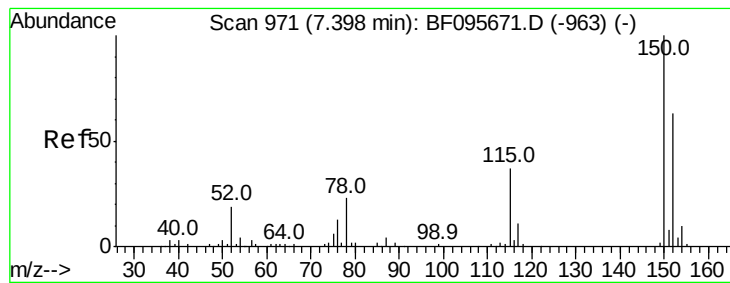
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060717\
Data File : BF095755.D
Acq On : 7 Jun 2017 20:03
Operator : SJ/MA
Sample : I3479-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 08 04:07:46 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



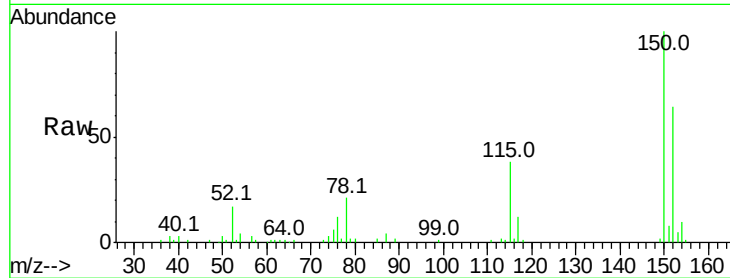


#1

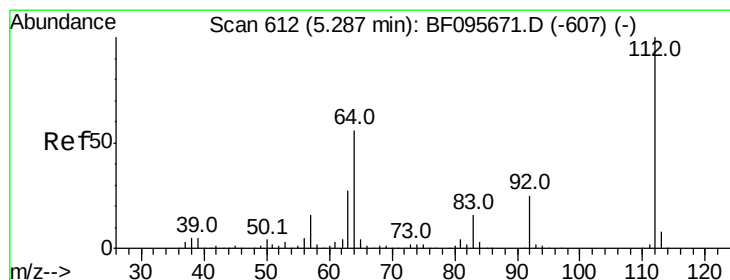
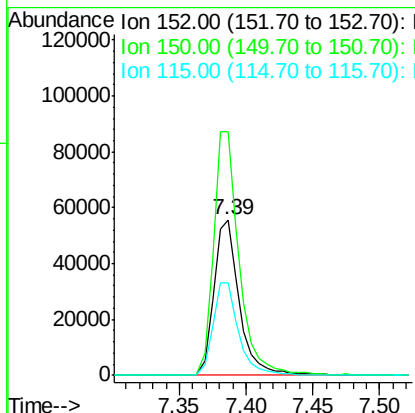
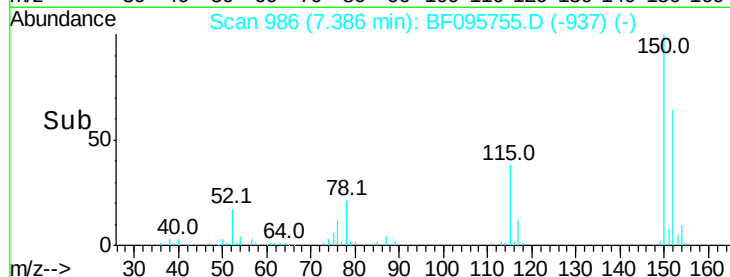
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.39 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF095755.D
Acq: 7 Jun 2017 20:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 74307
Ion Ratio Lower Upper
152 100
150 156.1 126.2 189.2
115 59.3 52.2 78.2



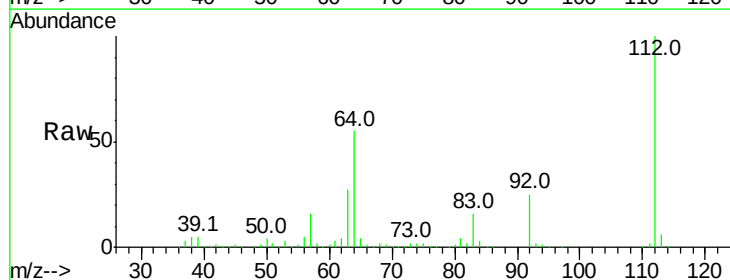
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



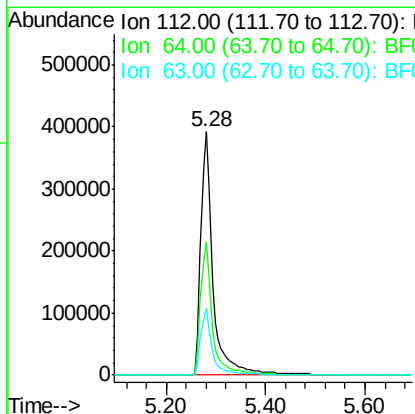
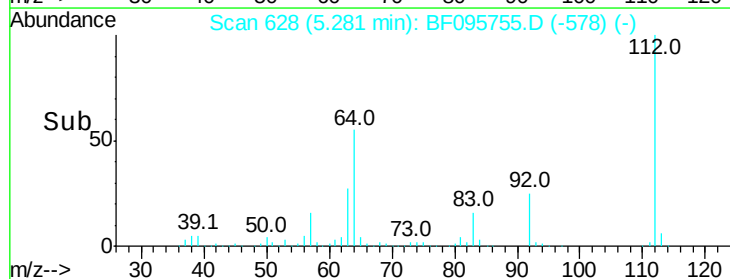
#5

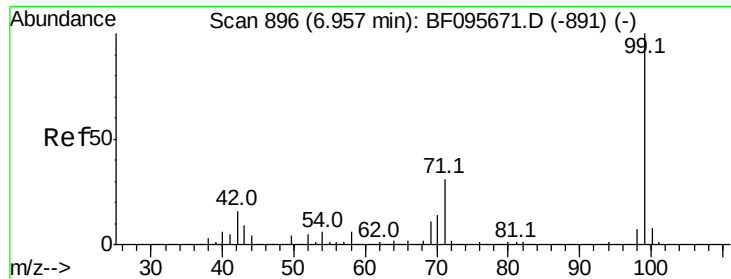
2-Fluorophenol
Concen: 142.78 ng
RT: 5.28 min Scan# 628
Delta R.T. -0.01 min
Lab File: BF095755.D
Acq: 7 Jun 2017 20:03

Tgt Ion:112 Resp: 665842
Ion Ratio Lower Upper
112 100
64 55.1 46.0 69.0
63 27.3 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: 141.34 ng

RT: 6.95 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095755.D

Acq: 7 Jun 2017 20:03

Instrument :

BNA_F

ClientSampleId :

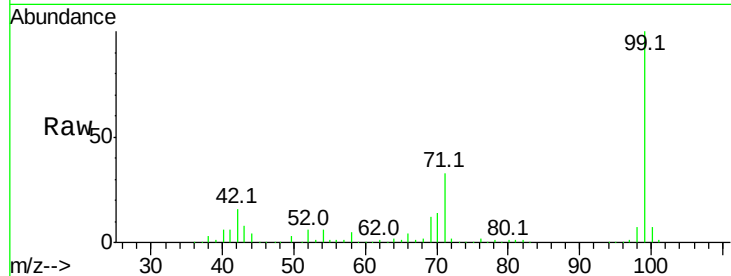
Tot Ion: 99 Resp: 789065

Ion Ratio Lower Upper

99 100

42 16.2 13.5 20.3

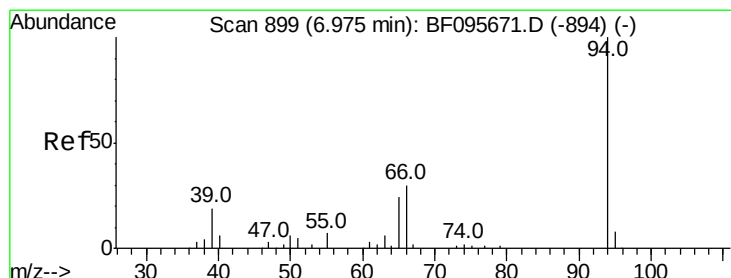
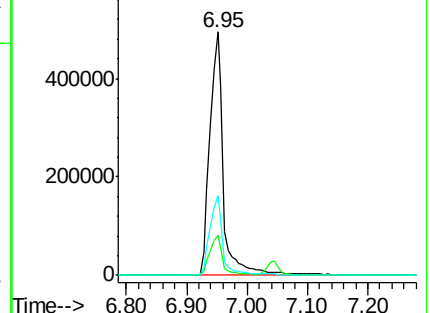
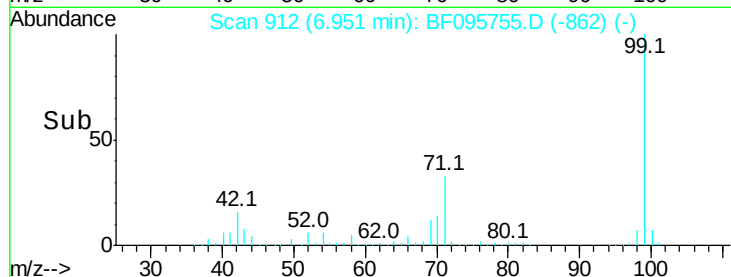
71 32.5 24.5 36.7



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: 2.43 ng

RT: 6.96 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF095755.D

Acq: 7 Jun 2017 20:03

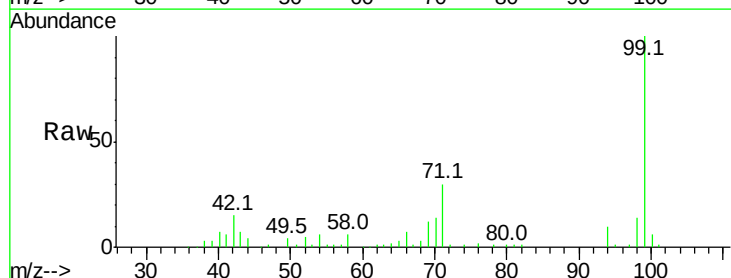
Tgt Ion: 94 Resp: 14099

Ion Ratio Lower Upper

94 100

65 32.3 9.9 49.9

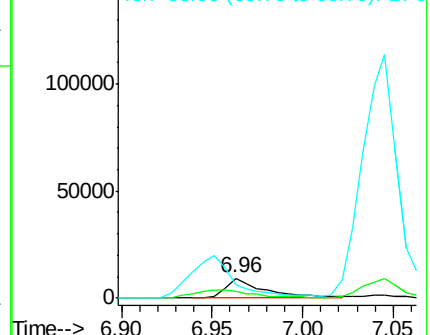
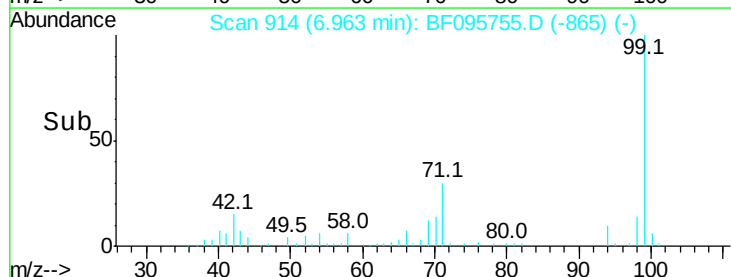
66 66.1 23.1 63.1#

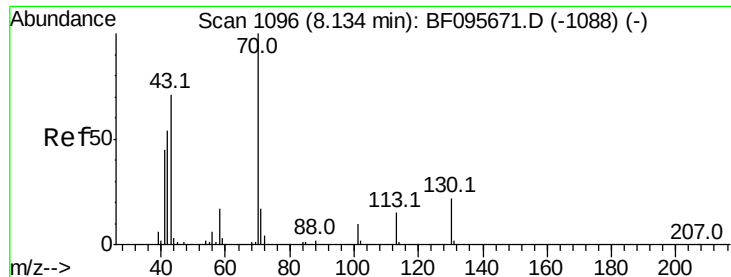


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

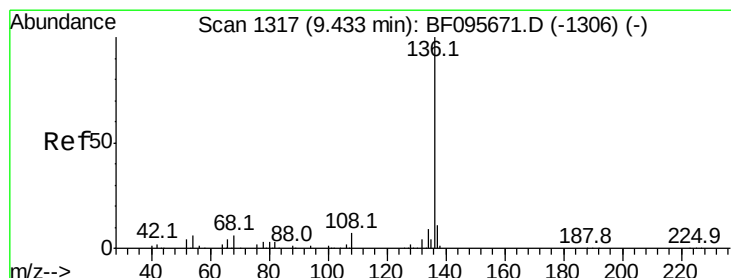
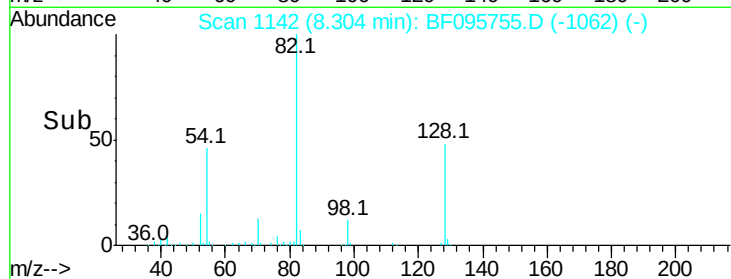
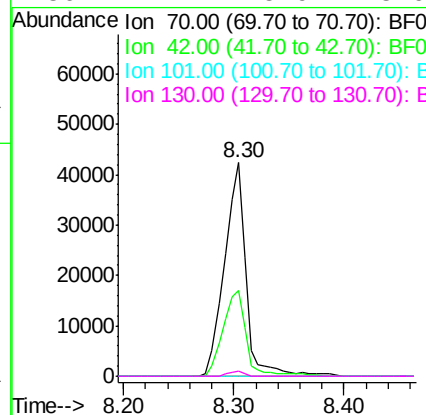
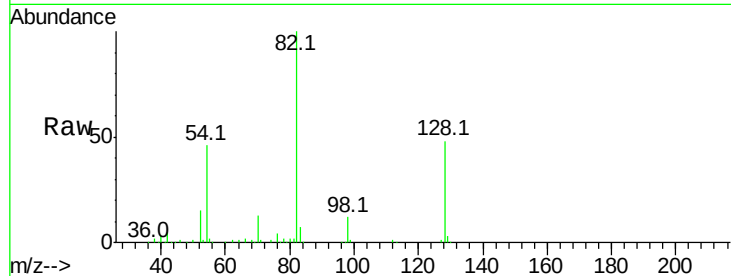




#19
n-Nitroso-di-n-propylamine
Concen: 16.26 ng
RT: 8.30 min Scan# 1142
Delta R.T. 0.17 min
Lab File: BF095755.D
Acq: 7 Jun 2017 20:03

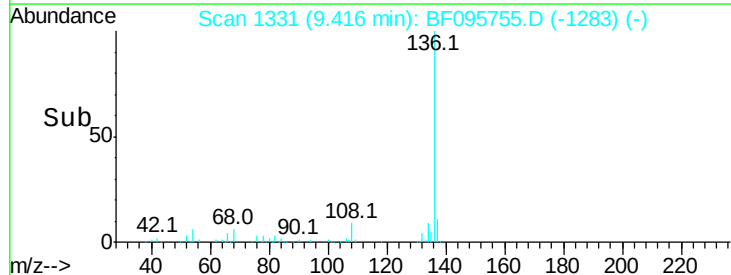
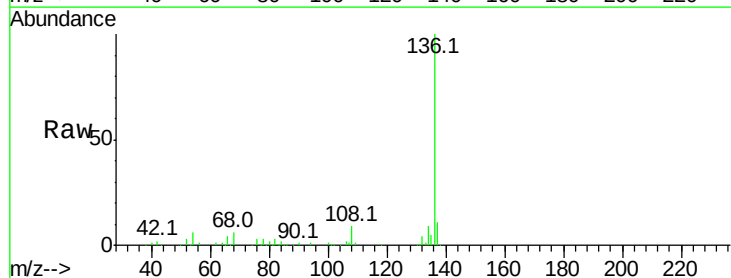
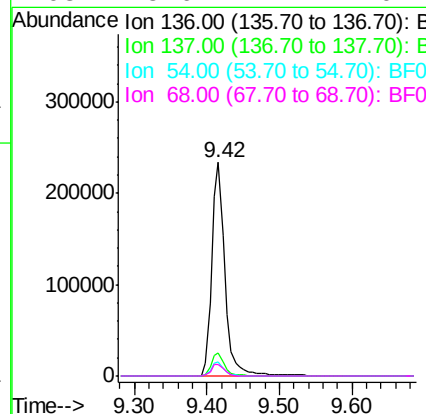
Instrument :
BNA_F
ClientSampleId :

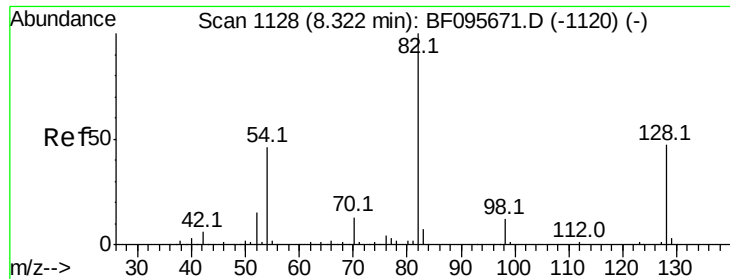
Tot Ion: 70 Resp: 57537
Ion Ratio Lower Upper
70 100
42 40.4 47.2 70.8#
101 0.0 7.2 10.8#
130 2.2 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.42 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF095755.D
Acq: 7 Jun 2017 20:03

Tgt Ion:136 Resp: 295529
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 6.5 4.9 7.3
68 5.6 4.1 6.1

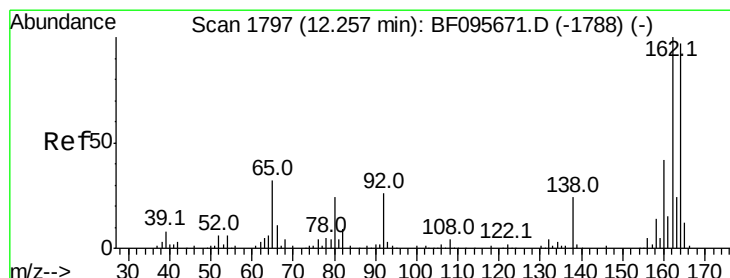
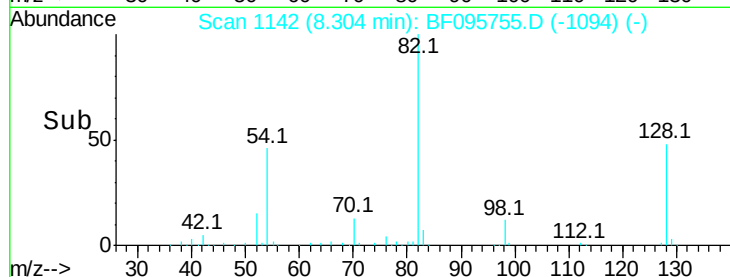
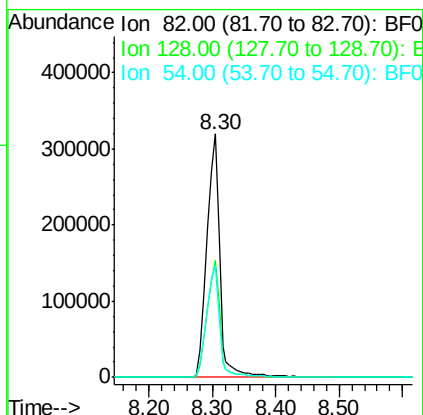
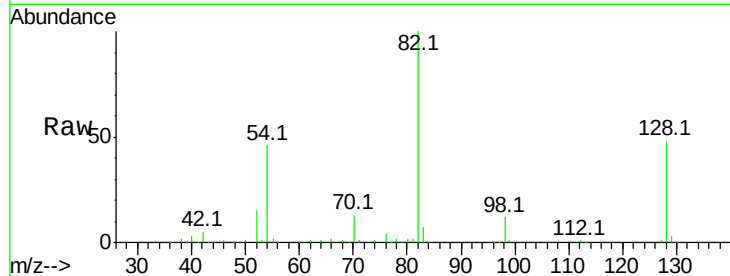




#23
Nitrobenzene-d5
Concen: 95.39 ng
RT: 8.30 min Scan# 1142
Delta R.T. -0.02 min
Lab File: BF095755.D
Acq: 7 Jun 2017 20:03

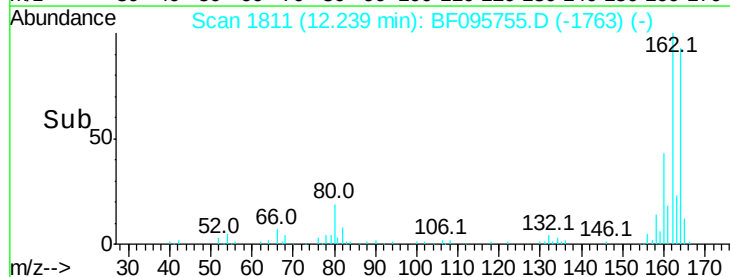
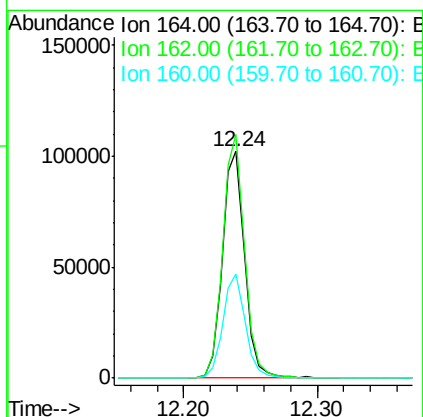
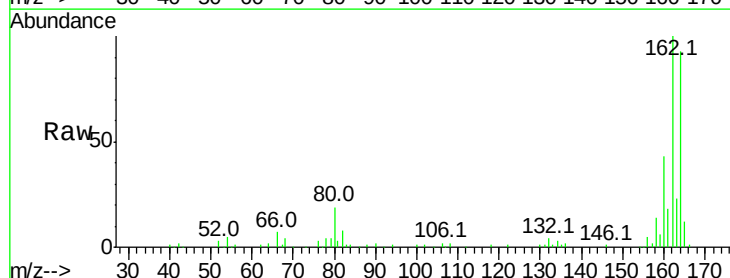
Instrument :
BNA_F
ClientSampleId :

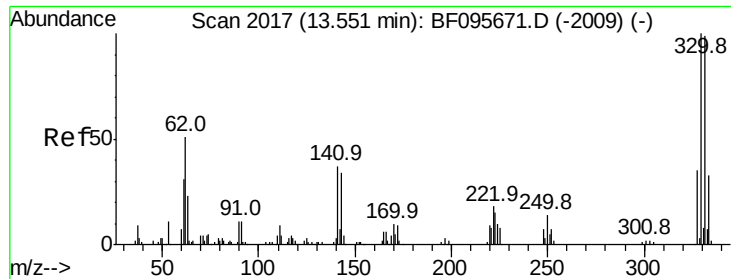
Tot Ion: 82 Resp: 453912
Ion Ratio Lower Upper
82 100
128 48.2 34.0 51.0
54 46.1 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.24 min Scan# 1811
Delta R.T. -0.02 min
Lab File: BF095755.D
Acq: 7 Jun 2017 20:03

Tgt Ion:164 Resp: 119934
Ion Ratio Lower Upper
164 100
162 107.4 82.6 123.8
160 46.0 36.2 54.2

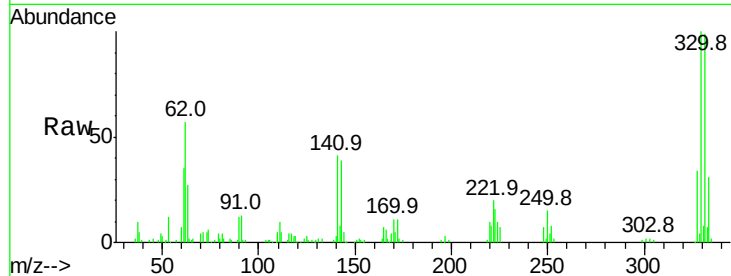




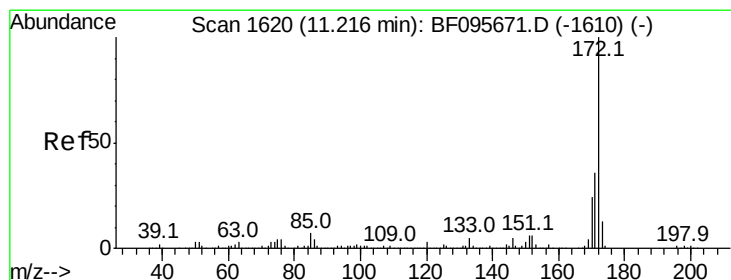
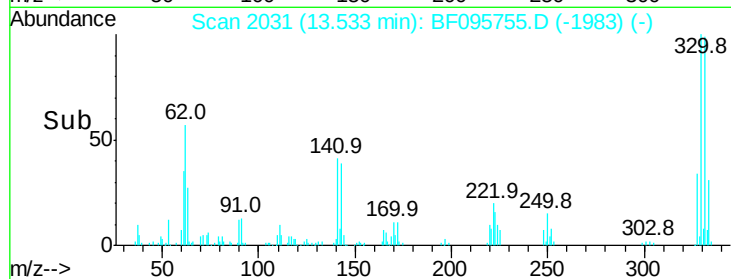
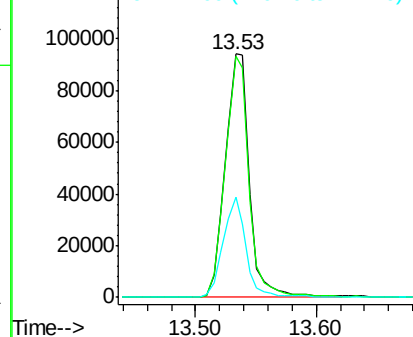
#41
 2,4,6-Tribromophenol
 Concen: 122.37 ng
 RT: 13.53 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BF095755.D
 Acq: 7 Jun 2017 20:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 129849
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 115.0
 141 38.6 31.4 47.2

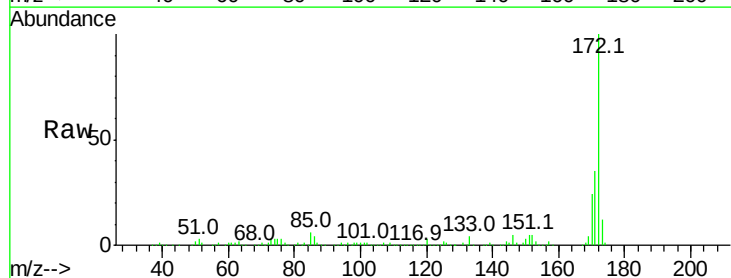


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

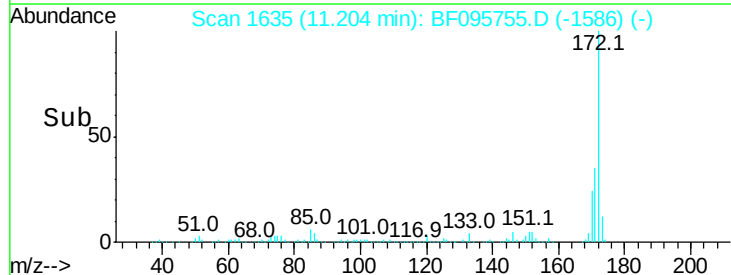
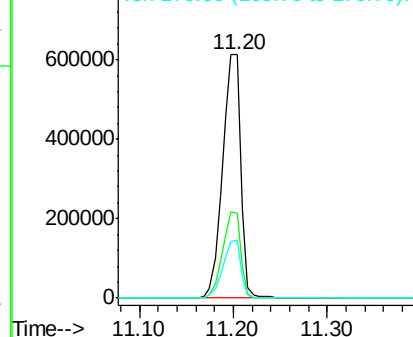


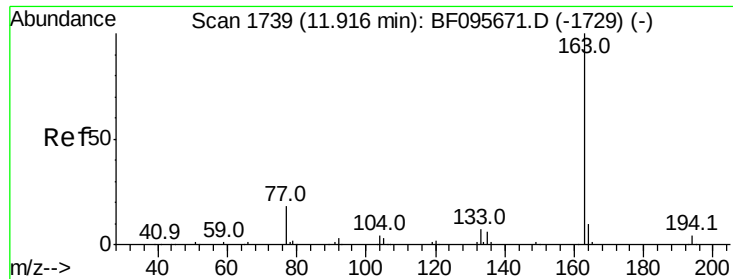
#44
 2-Fluorobiphenyl
 Concen: 96.48 ng
 RT: 11.20 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BF095755.D
 Acq: 7 Jun 2017 20:03

Tgt Ion:172 Resp: 831487
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.6 44.4
 170 23.7 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

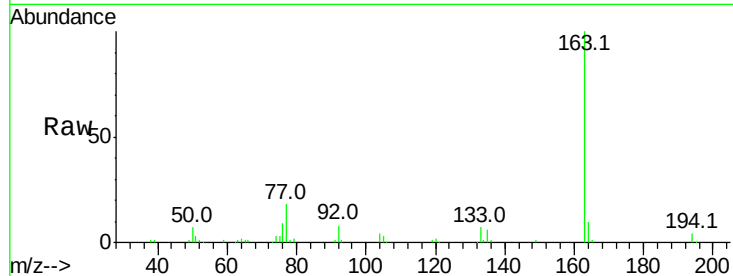




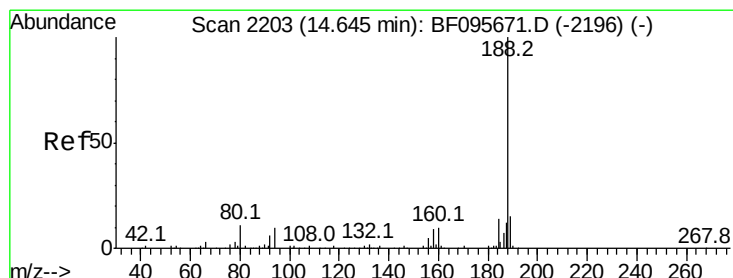
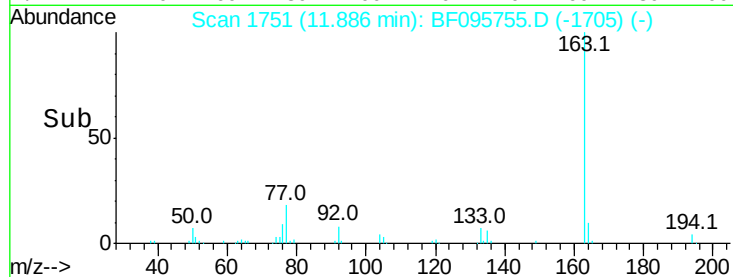
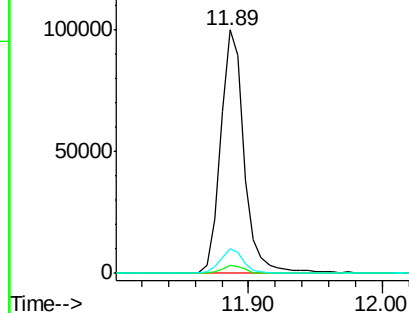
#49
Dimethylphthalate
Concen: 13.64 ng
RT: 11.89 min Scan# 1751
Delta R.T. -0.03 min
Lab File: BF095755.D
Acq: 7 Jun 2017 20:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 124246
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.9 8.4 12.6

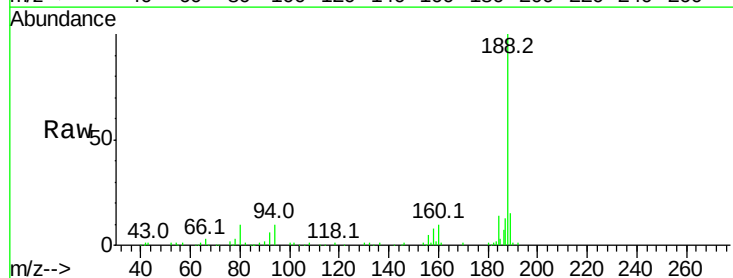


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

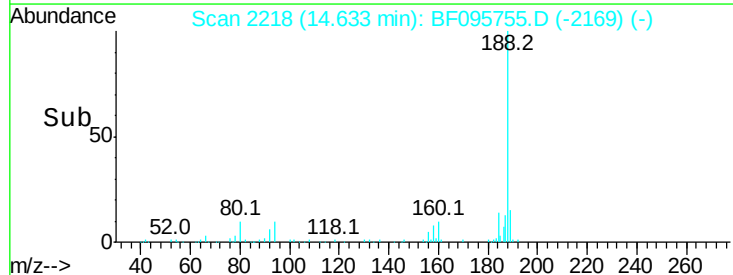
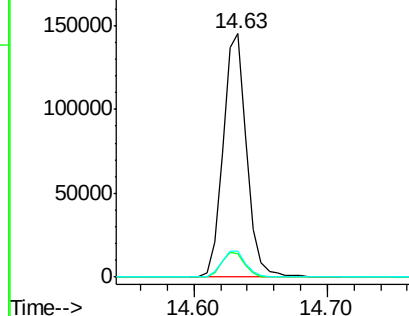


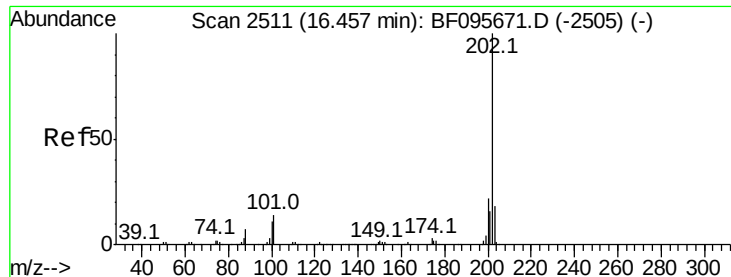
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF095755.D
Acq: 7 Jun 2017 20:03

Tgt Ion:188 Resp: 180417
Ion Ratio Lower Upper
188 100
94 9.6 9.4 14.2
80 10.5 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





#74

Fluoranthene

Concen: 4.50 ng

RT: 16.44 min Scan# 2526

Delta R.T. -0.01 min

Lab File: BF095755.D

Acq: 7 Jun 2017 20:03

Instrument :

BNA_F

ClientSampleId :

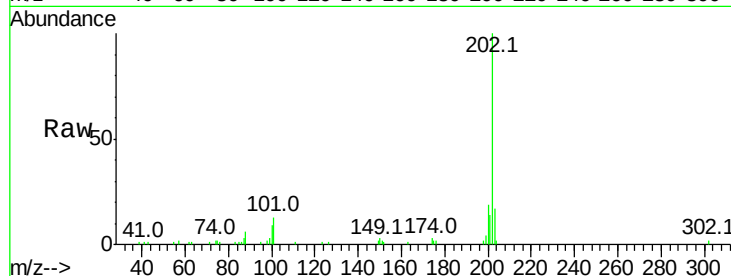
Tot Ion:202 Resp: 46378

Ion Ratio Lower Upper

202 100

101 12.9 0.0 33.2

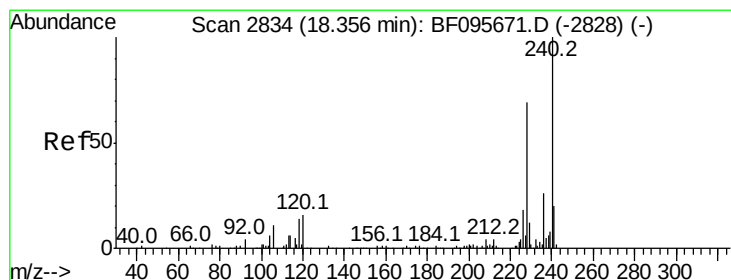
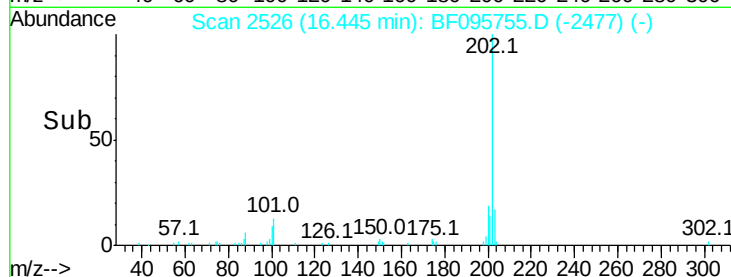
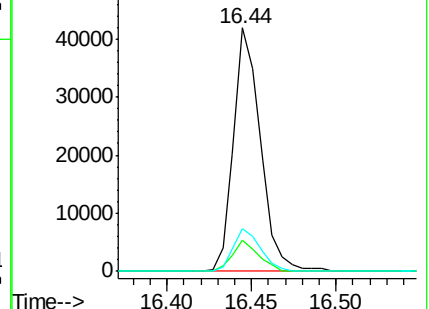
203 17.3 0.0 38.1



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: 18.34 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BF095755.D

Acq: 7 Jun 2017 20:03

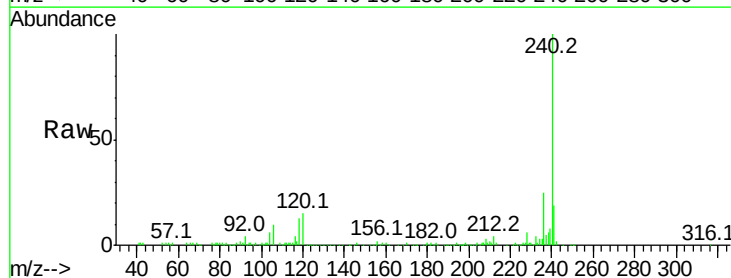
Tgt Ion:240 Resp: 145052

Ion Ratio Lower Upper

240 100

120 15.1 5.8 8.8#

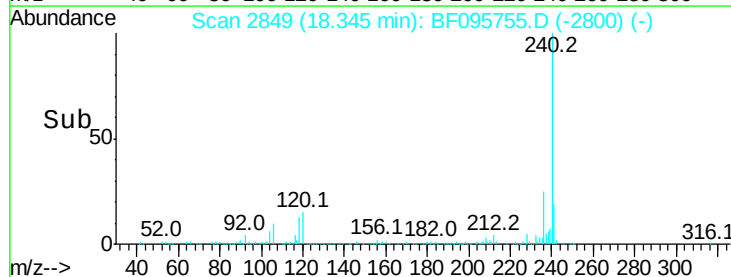
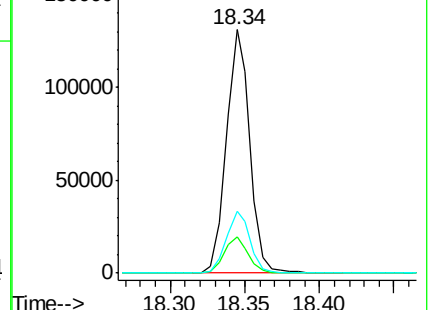
236 25.2 20.5 30.7

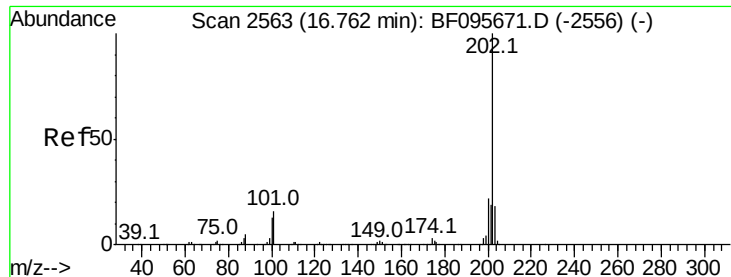


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 3.83 ng

RT: 16.75 min Scan# 2578

Delta R.T. -0.01 min

Lab File: BF095755.D

Acq: 7 Jun 2017 20:03

Instrument :

BNA_F

ClientSampleId :

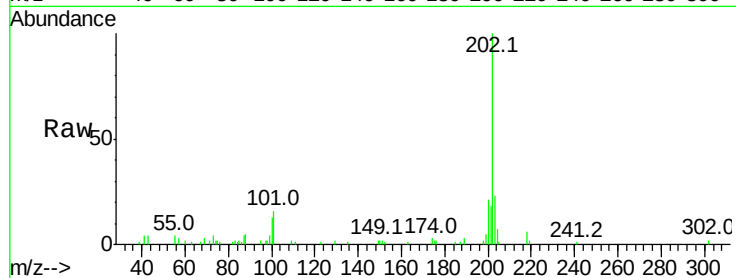
Tot Ion:202 Resp: 41466

Ion Ratio Lower Upper

202 100

200 20.8 17.6 26.4

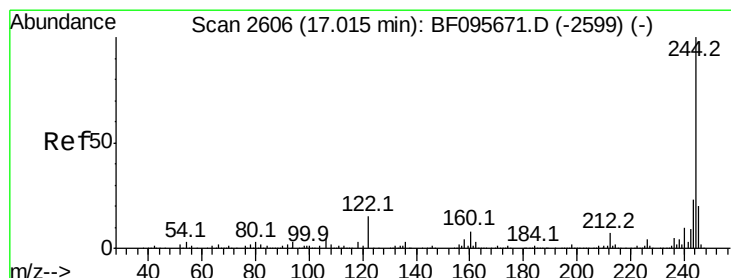
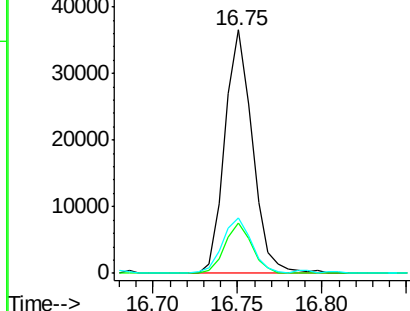
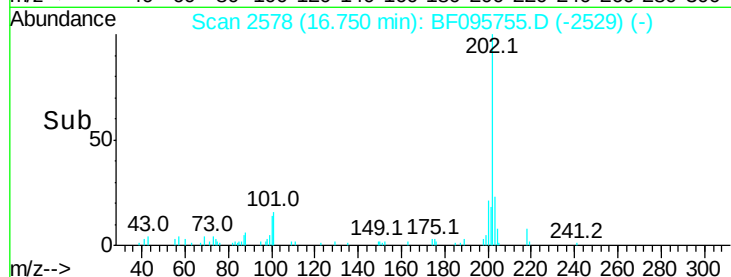
203 22.7 14.4 21.6#



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: 82.10 ng

RT: 17.01 min Scan# 2622

Delta R.T. -0.01 min

Lab File: BF095755.D

Acq: 7 Jun 2017 20:03

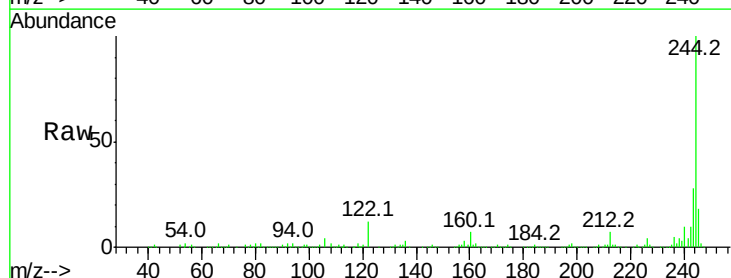
Tgt Ion:244 Resp: 479862

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

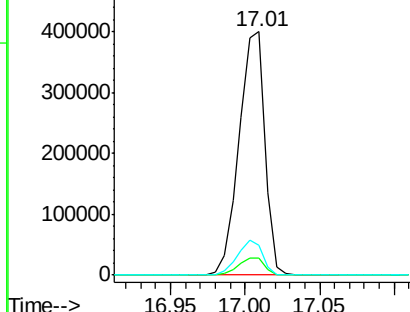
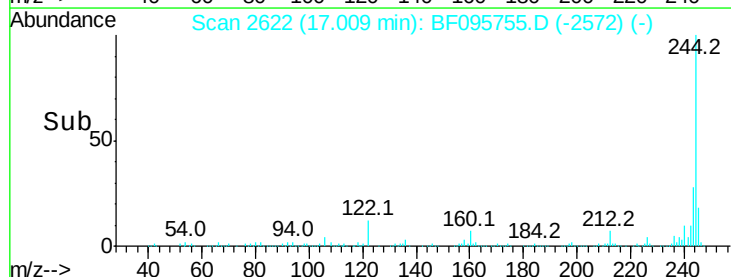
122 12.1 10.3 15.5

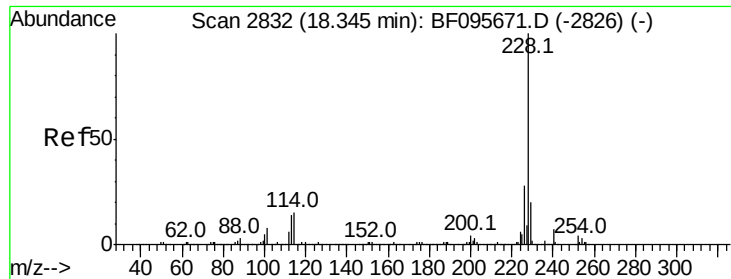


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 2.41 ng

RT: 18.33 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BF095755.D

Acq: 7 Jun 2017 20:03

Instrument :

BNA_F

ClientSampleId :

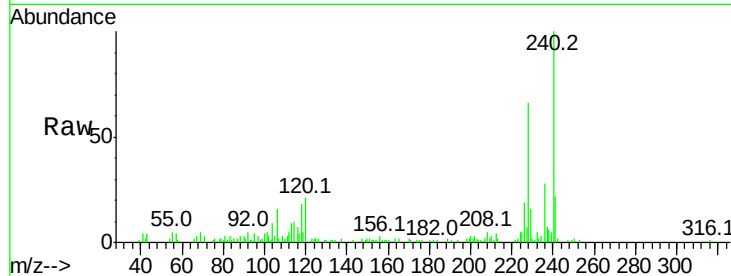
Tot Ion:228 Resp: 20305

Ion Ratio Lower Upper

228 100

226 29.2 22.6 33.8

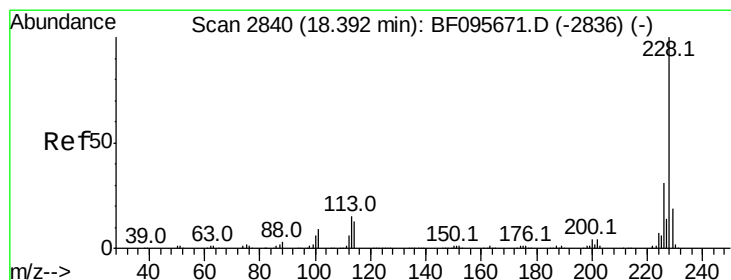
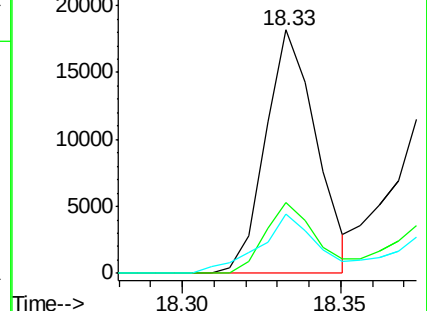
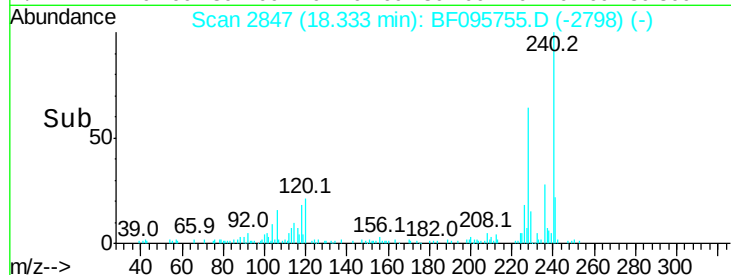
229 24.3 16.3 24.5



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



#82

Chrysene

Concen: 2.42 ng

RT: 18.38 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BF095755.D

Acq: 7 Jun 2017 20:03

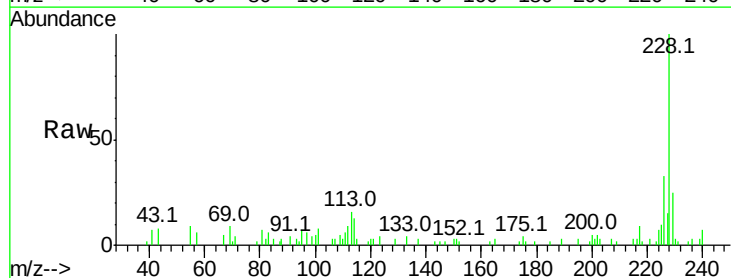
Tgt Ion:228 Resp: 20398

Ion Ratio Lower Upper

228 100

226 33.1 24.9 37.3

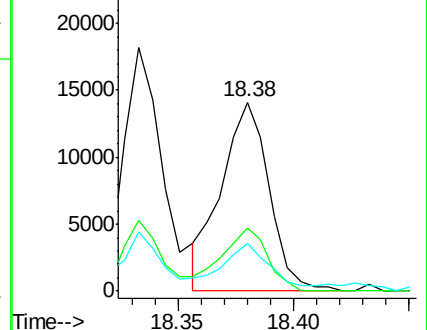
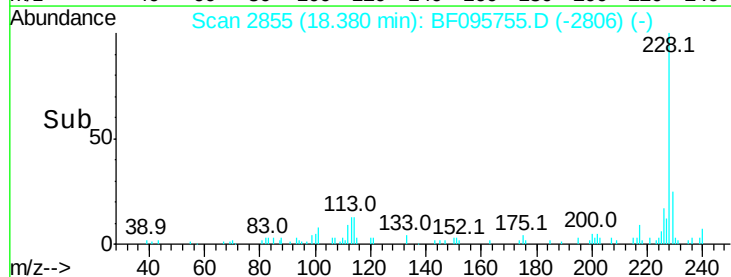
229 25.3 15.8 23.6#

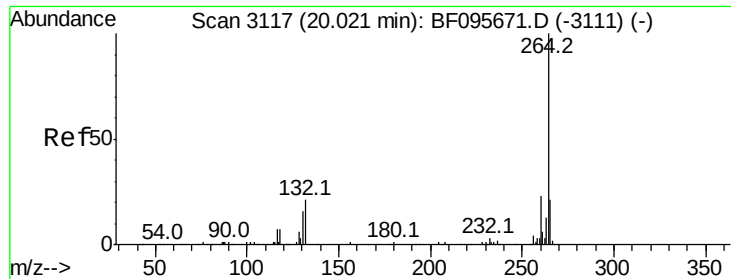


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

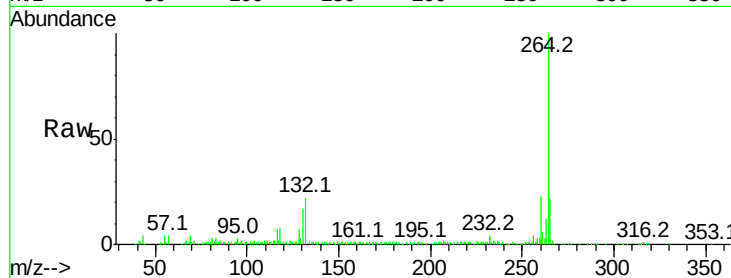




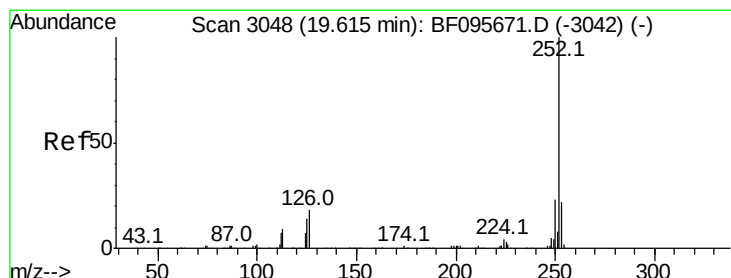
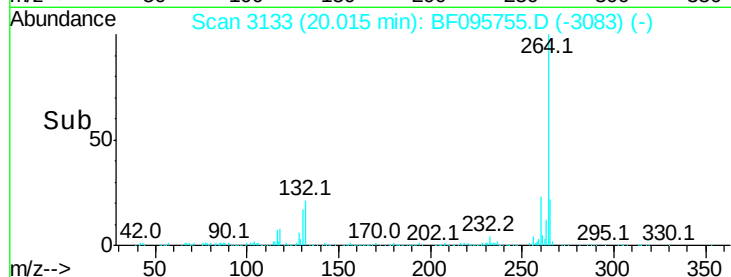
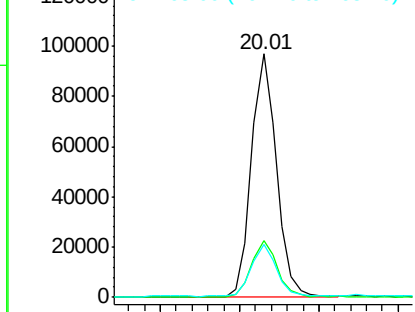
#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.01 min Scan# 3133
 Delta R.T. -0.01 min
 Lab File: BF095755.D
 Acq: 7 Jun 2017 20:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 107388
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 21.7 17.2 25.8

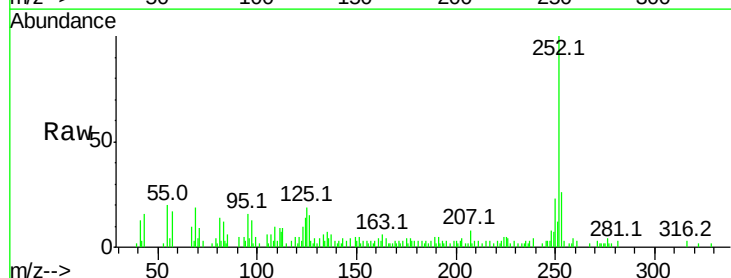


Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

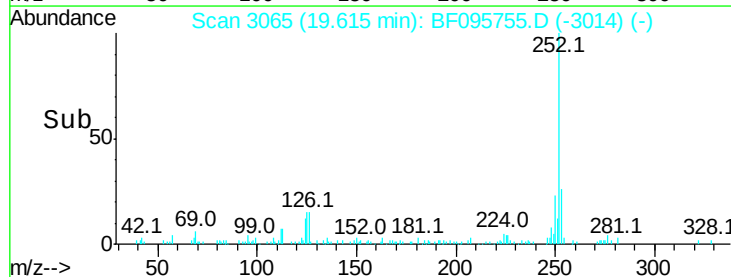
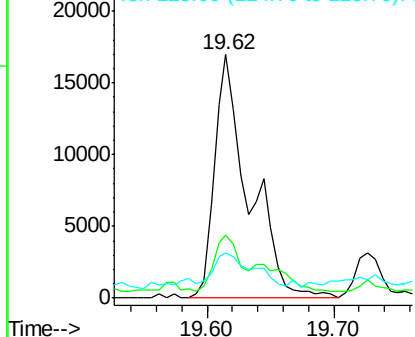


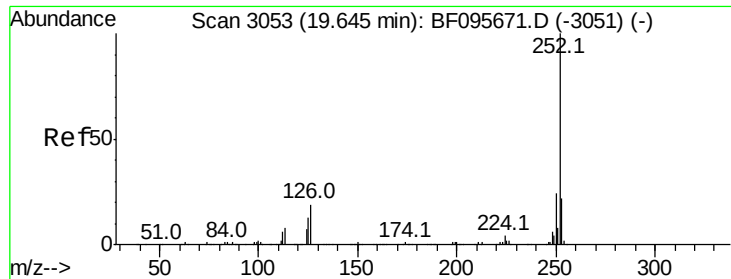
#87
 Benzo(b)fluoranthene
 Concen: 4.81 ng
 RT: 19.62 min Scan# 3065
 Delta R.T. -0.00 min
 Lab File: BF095755.D
 Acq: 7 Jun 2017 20:03

Tgt Ion:252 Resp: 32325
 Ion Ratio Lower Upper
 252 100
 253 26.1 18.1 27.1
 125 18.8 9.8 14.8#



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

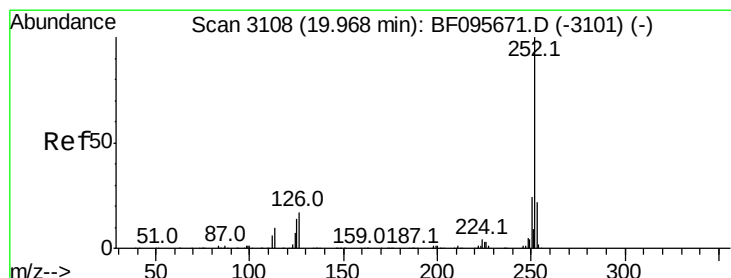
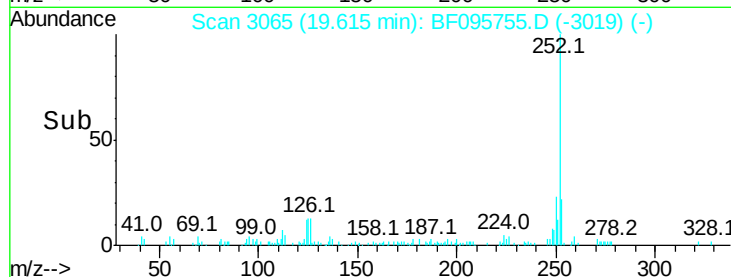
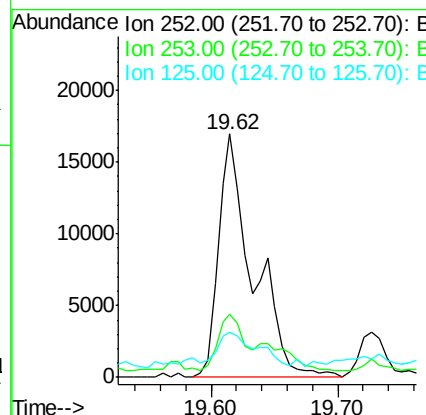
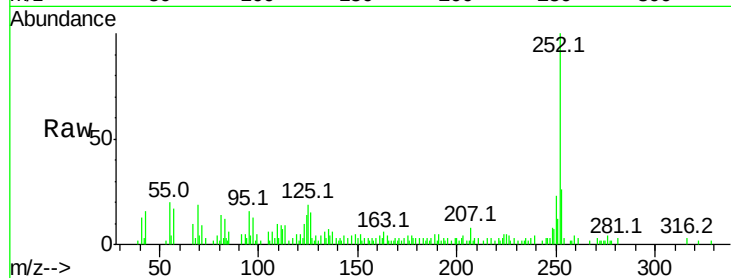




#88
Benzo(k)fluoranthene
Concen: 5.03 ng
RT: 19.62 min Scan# 3065
Delta R.T. -0.03 min
Lab File: BF095755.D
Acq: 7 Jun 2017 20:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.1	18.4	27.6
125	18.8	13.1	19.7



#89
Benzo(a)pyrene
Concen: 2.58 ng
RT: 19.96 min Scan# 3124
Delta R.T. -0.01 min
Lab File: BF095755.D
Acq: 7 Jun 2017 20:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.5	26.3
125	20.1	11.0	16.4

