

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
 Data File : BF095905.D
 Acq On : 13 Jun 2017 21:18
 Operator : SJ/MA
 Sample : I3624-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 14 04:13:26 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	7.35	152	70629	20.00	ng	-0.05
21) Naphthalene-d8	9.39	136	283505	20.00	ng	-0.05
38) Acenaphthene-d10	12.20	164	114466	20.00	ng	-0.06
63) Phenanthrene-d10	14.60	188	176471	20.00	ng	-0.05
75) Chrysene-d12	18.32	240	146149	20.00	ng	-0.04
86) Perylene-d12	19.99	264	102962	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	498186	112.40	ng	-0.05
7) Phenol-d6	6.92	99	594626	112.06	ng	-0.04
23) Nitrobenzene-d5	8.27	82	345543	75.69	ng	-0.05
41) 2,4,6-Tribromophenol	13.50	330	97755	96.52	ng	-0.05
44) 2-Fluorobiphenyl	11.16	172	555318	67.51	ng	-0.06
78) Terphenyl-d14	16.97	244	341642	58.01	ng	-0.05
Target Compounds						
10) Phenol	6.93	94	13546	2.46	ng	# 15
19) n-Nitroso-di-n-propylamine	8.27	70	42058	12.51	ng	# 74
49) Dimethylphthalate	11.86	163	68706	7.91	ng	97
50) 2,6-Dinitrotoluene	12.20	165	14341	7.57	ng	# 31
87) Benzo(b)fluoranthene	19.60	252	15662	2.43	ng	# 63
88) Benzo(k)fluoranthene	19.60	252	15662	2.54	ng	# 67

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

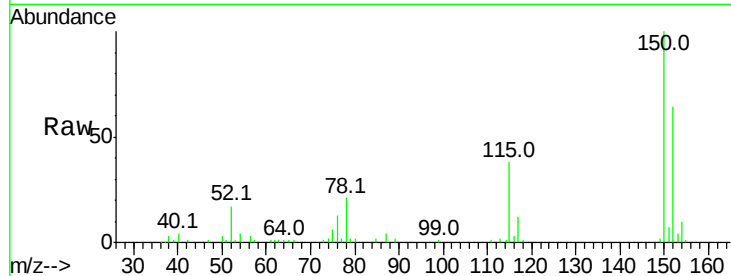


#1

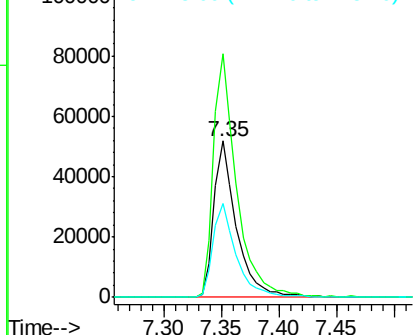
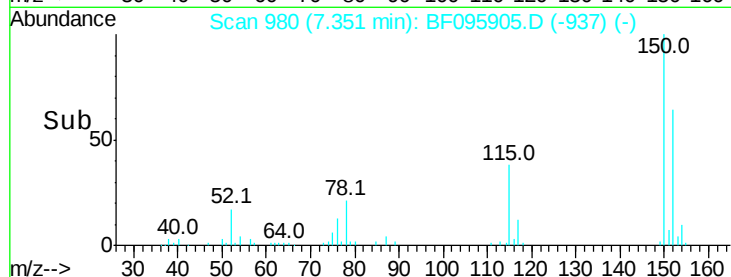
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 980
Delta R.T. -0.05 min
Lab File: BF095905.D
Acq: 13 Jun 2017 21:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 70629
Ion Ratio Lower Upper
152 100
150 155.8 126.2 189.2
115 59.8 52.2 78.2



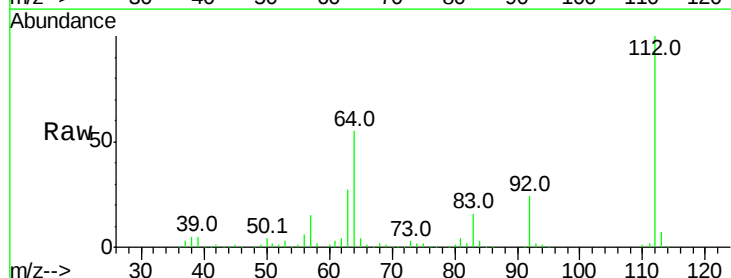
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



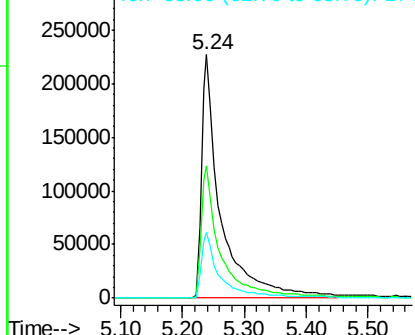
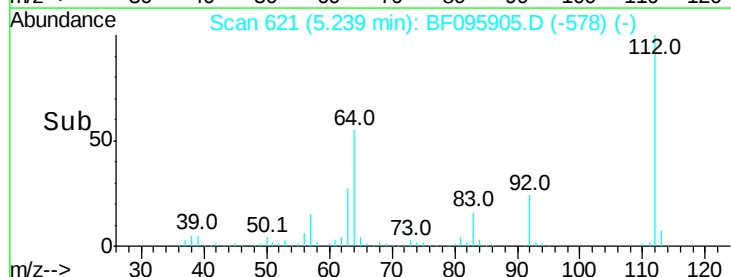
#5

2-Fluorophenol
Concen: 112.40 ng
RT: 5.24 min Scan# 621
Delta R.T. -0.05 min
Lab File: BF095905.D
Acq: 13 Jun 2017 21:18

Tgt Ion:112 Resp: 498186
Ion Ratio Lower Upper
112 100
64 54.6 46.0 69.0
63 27.1 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: 112.06 ng

RT: 6.92 min Scan# 906

Delta R.T. -0.04 min

Lab File: BF095905.D

Acq: 13 Jun 2017 21:18

Instrument :

BNA_F

ClientSampled :

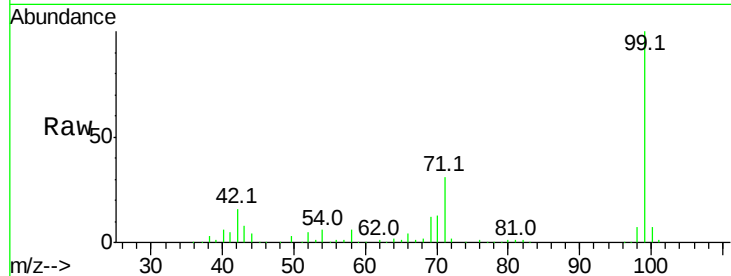
Tot Ion: 99 Resp: 594626

Ion Ratio Lower Upper

99 100

42 15.6 13.5 20.3

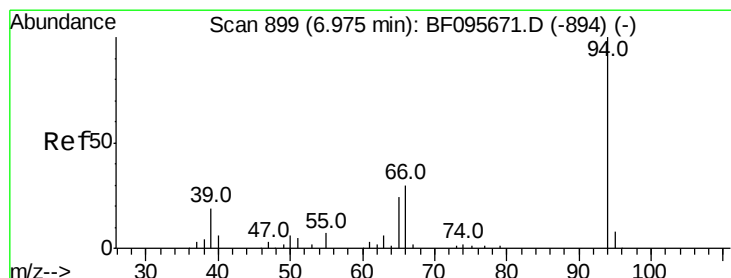
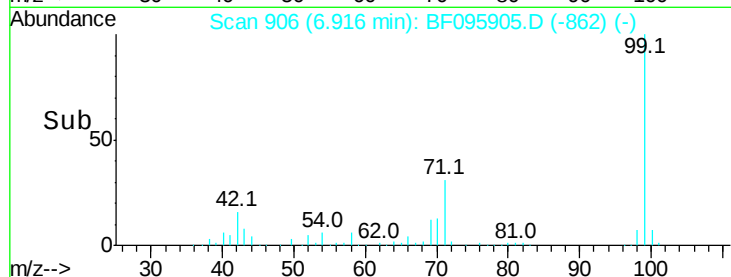
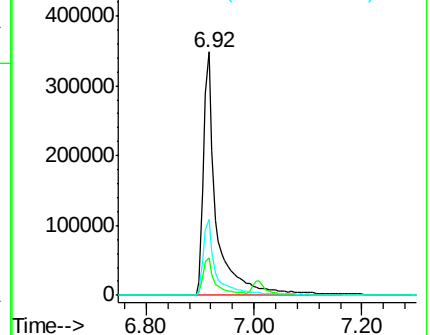
71 31.2 24.5 36.7



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



#10

Phenol

Concen: 2.46 ng

RT: 6.93 min Scan# 909

Delta R.T. -0.04 min

Lab File: BF095905.D

Acq: 13 Jun 2017 21:18

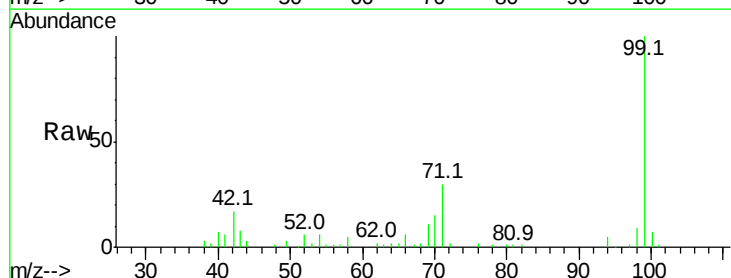
Tgt Ion: 94 Resp: 13546

Ion Ratio Lower Upper

94 100

65 51.1 9.9 49.9#

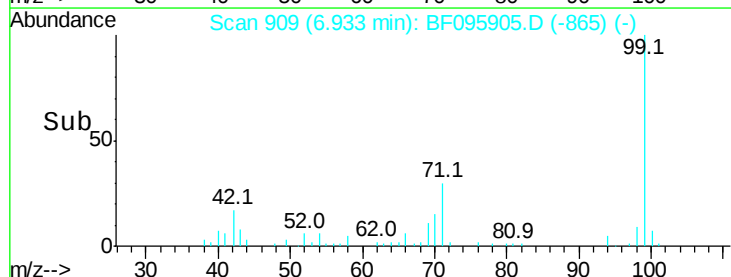
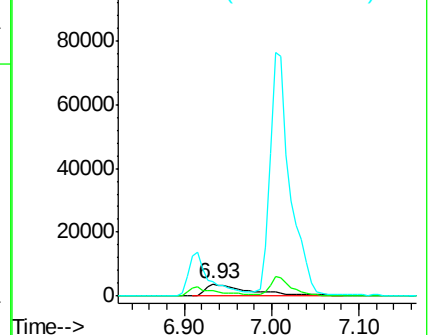
66 118.3 23.1 63.1#

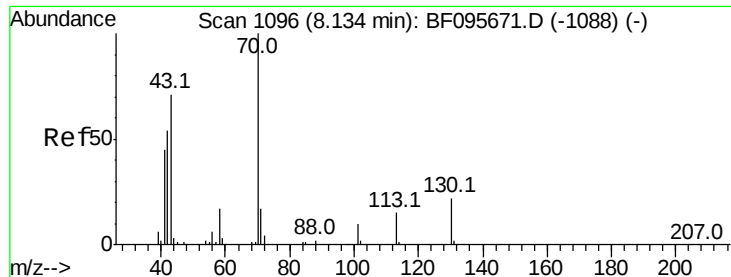


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

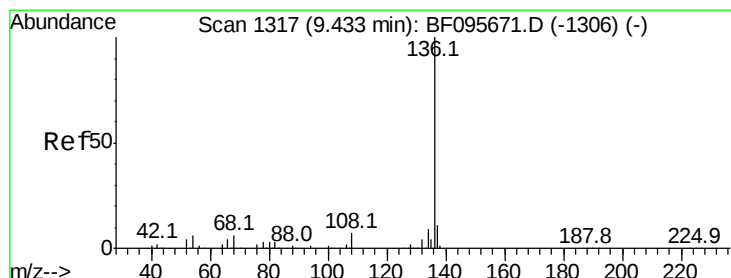
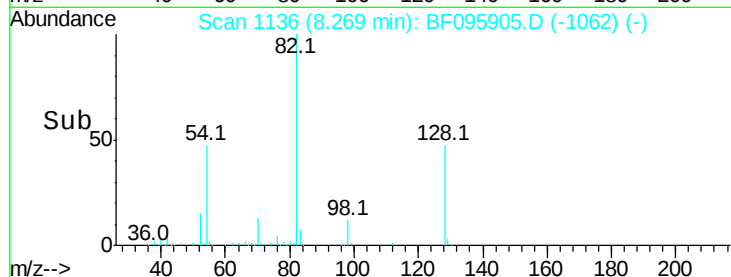
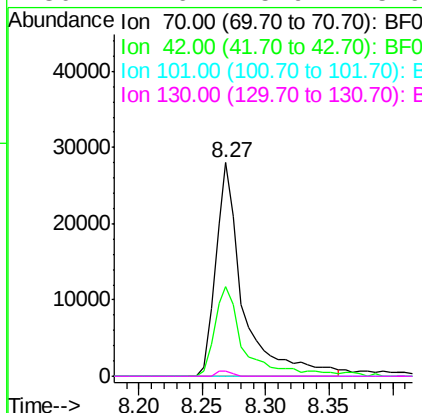
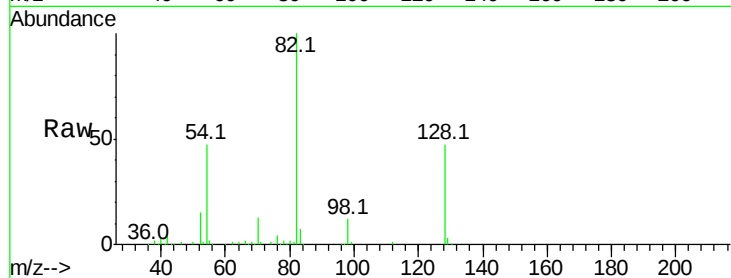




#19
n-Nitroso-di-n-propylamine
Concen: 12.51 ng
RT: 8.27 min Scan# 1136
Delta R.T. 0.14 min
Lab File: BF095905.D
Acq: 13 Jun 2017 21:18

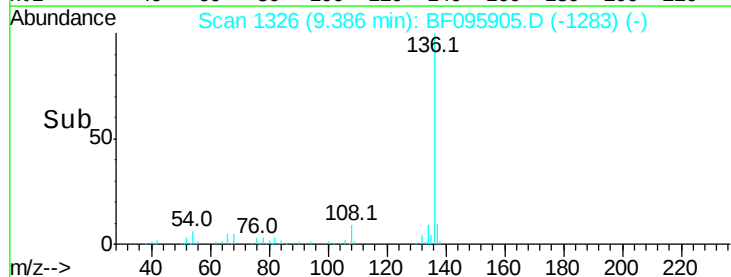
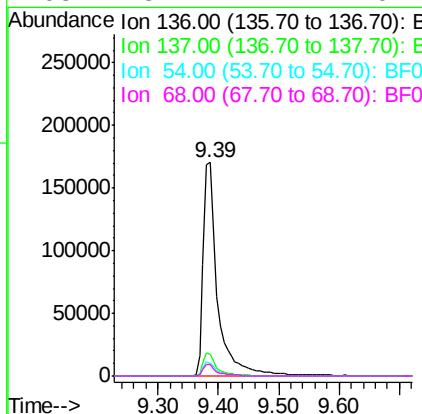
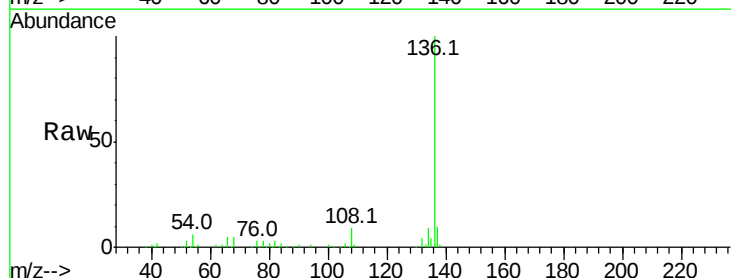
Instrument :
BNA_F
ClientSampleId :

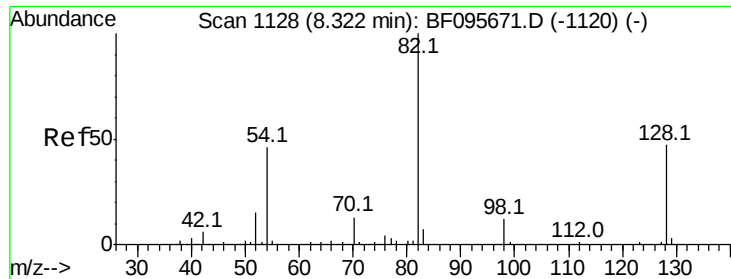
Tot Ion: 70 Resp: 42058
Ion Ratio Lower Upper
70 100
42 42.0 47.2 70.8#
101 0.0 7.2 10.8#
130 2.6 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.39 min Scan# 1326
Delta R.T. -0.05 min
Lab File: BF095905.D
Acq: 13 Jun 2017 21:18

Tgt Ion:136 Resp: 283505
Ion Ratio Lower Upper
136 100
137 10.1 8.5 12.7
54 6.2 4.9 7.3
68 5.4 4.1 6.1

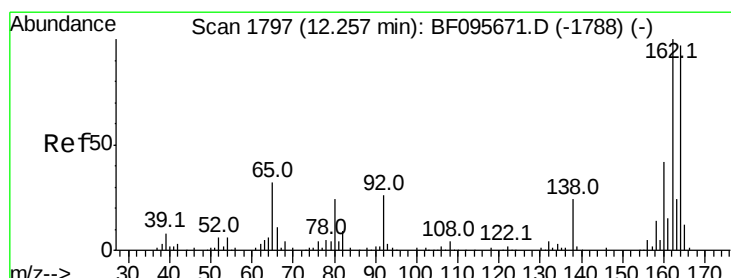
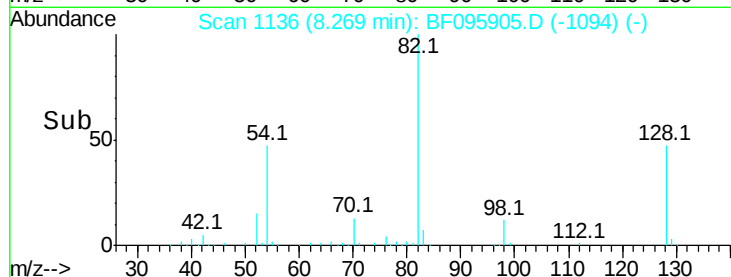
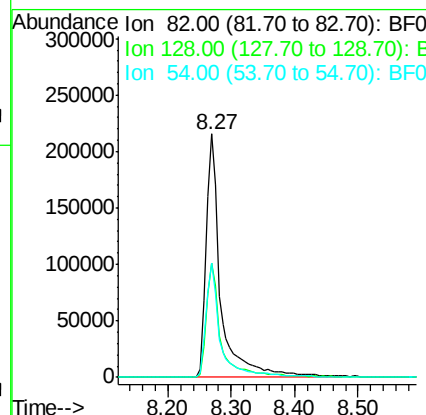
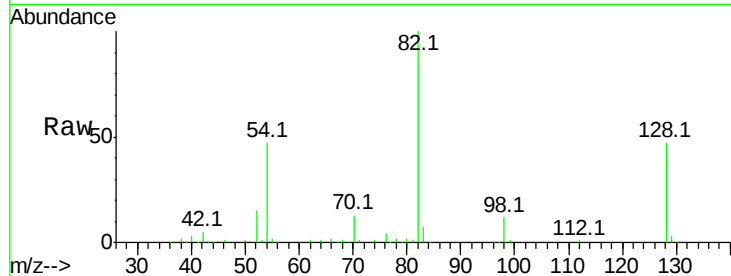




#23
 Nitrobenzene-d5
 Concen: 75.69 ng
 RT: 8.27 min Scan# 1136
 Delta R.T. -0.05 min
 Lab File: BF095905.D
 Acq: 13 Jun 2017 21:18

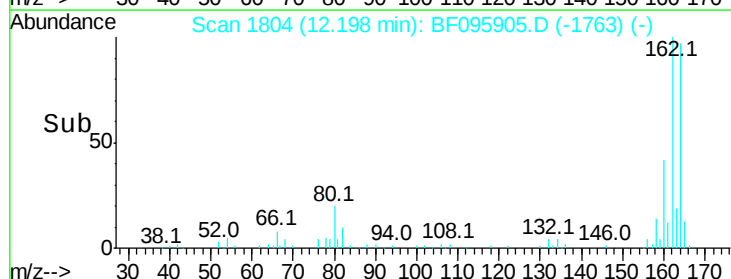
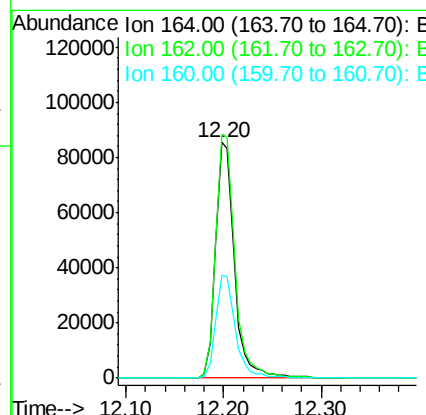
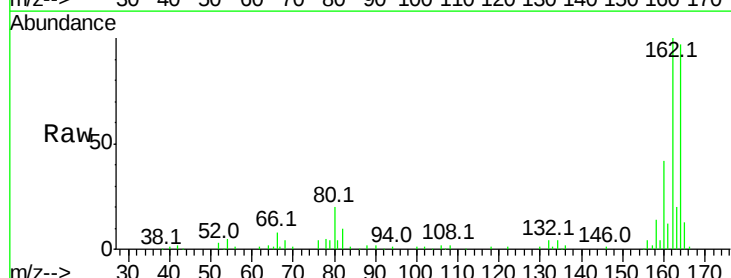
Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 345543
 Ion Ratio Lower Upper
 82 100
 128 46.8 34.0 51.0
 54 46.9 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.20 min Scan# 1804
 Delta R.T. -0.06 min
 Lab File: BF095905.D
 Acq: 13 Jun 2017 21:18

Tgt Ion:164 Resp: 114466
 Ion Ratio Lower Upper
 164 100
 162 103.2 82.6 123.8
 160 43.6 36.2 54.2

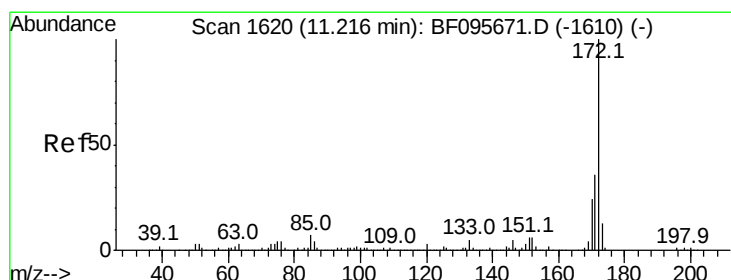
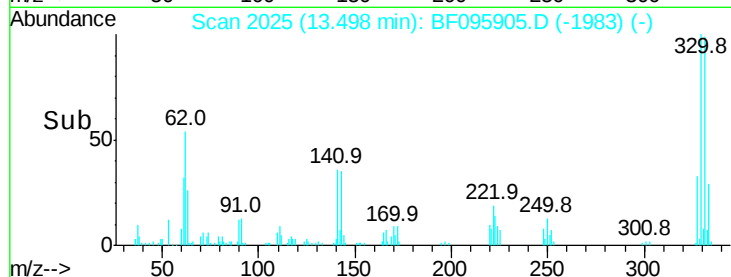
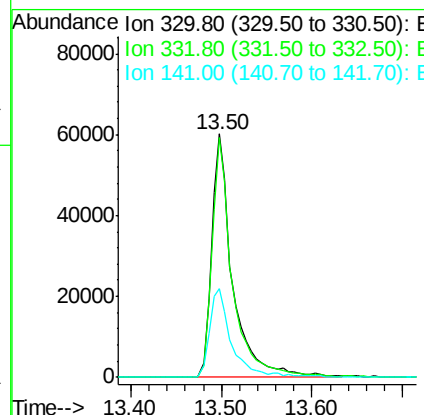
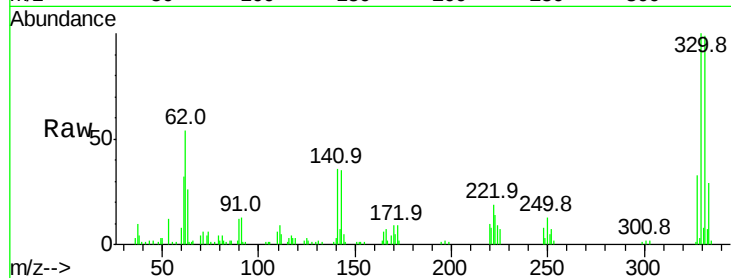




#41
 2,4,6-Tribromophenol
 Concen: 96.52 ng
 RT: 13.50 min Scan# 2025
 Delta R.T. -0.05 min
 Lab File: BF095905.D
 Acq: 13 Jun 2017 21:18

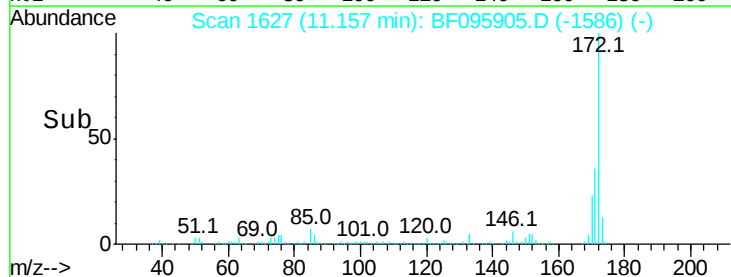
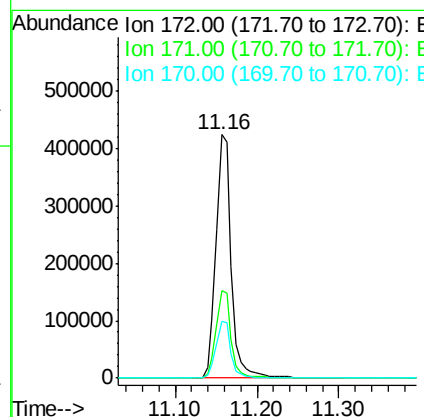
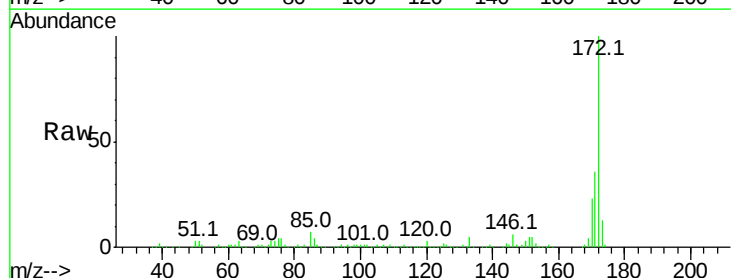
Instrument :
 BNA_F
 ClientSampleId :

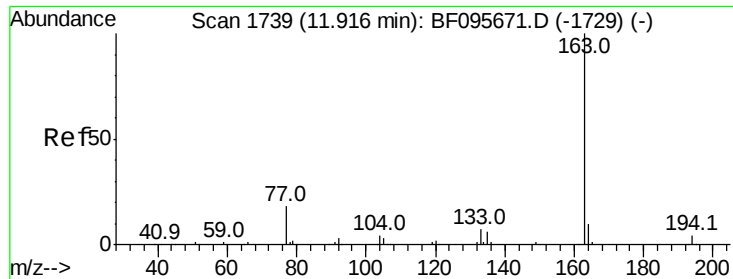
Tot Ion:330 Resp: 97755
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 115.0
 141 38.1 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 67.51 ng
 RT: 11.16 min Scan# 1627
 Delta R.T. -0.06 min
 Lab File: BF095905.D
 Acq: 13 Jun 2017 21:18

Tgt Ion:172 Resp: 555318
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 23.5 19.8 29.8





#49

Dimethylphthalate

Concen: 7.91 ng

RT: 11.86 min Scan# 1747

Delta R.T. -0.05 min

Lab File: BF095905.D

Acq: 13 Jun 2017 21:18

Instrument :

BNA_F

ClientSampleId :

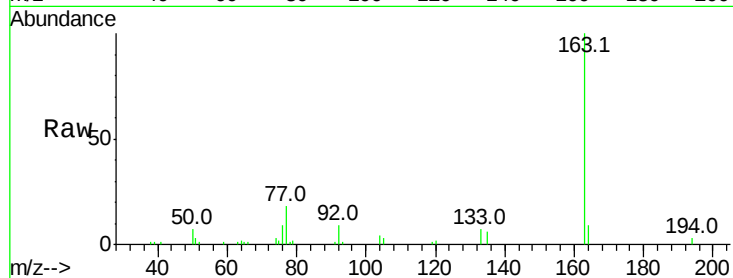
Tot Ion:163 Resp: 68706

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

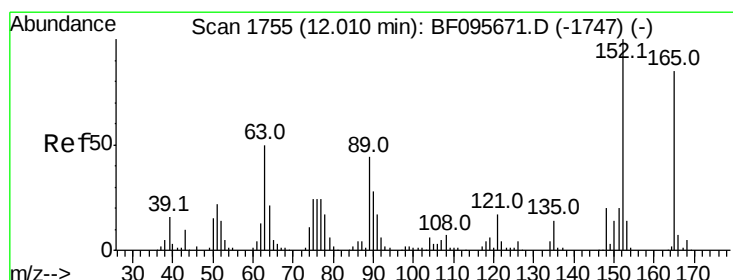
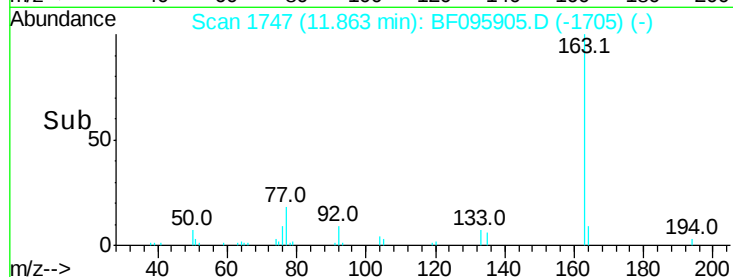
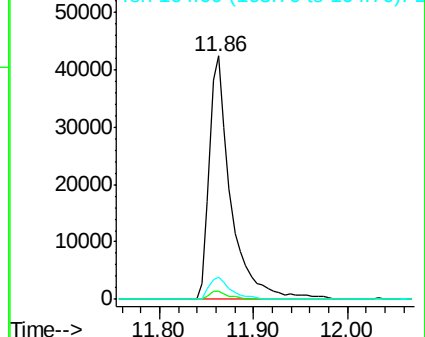
164 9.3 8.4 12.6



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



#50

2,6-Dinitrotoluene

Concen: 7.57 ng

RT: 12.20 min Scan# 1804

Delta R.T. 0.19 min

Lab File: BF095905.D

Acq: 13 Jun 2017 21:18

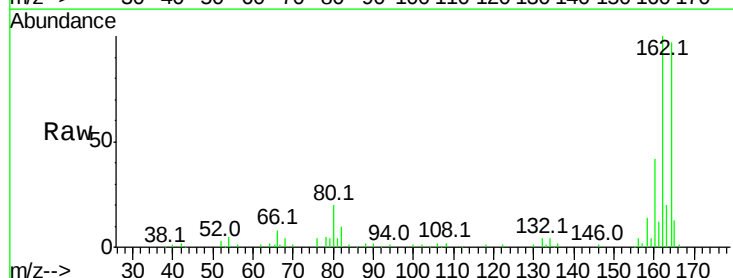
Tgt Ion:165 Resp: 14341

Ion Ratio Lower Upper

165 100

63 0.0 34.3 51.5#

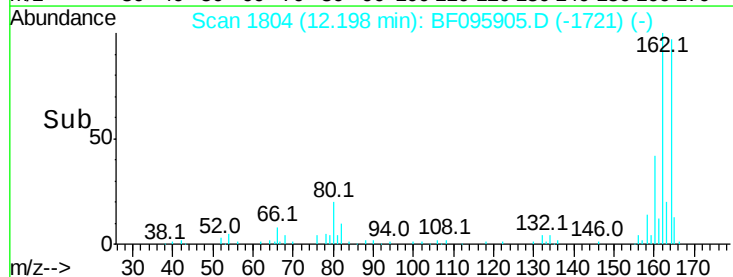
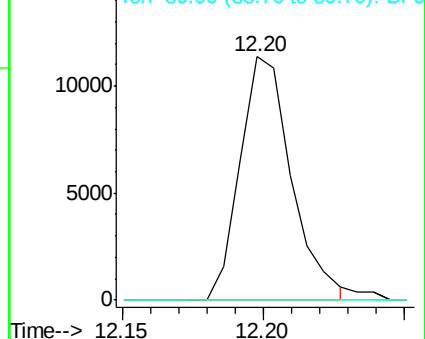
89 0.0 37.1 55.7#

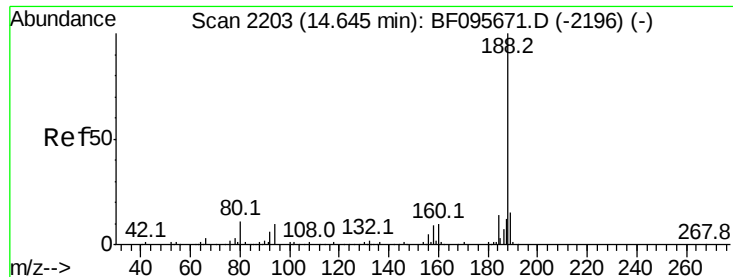


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

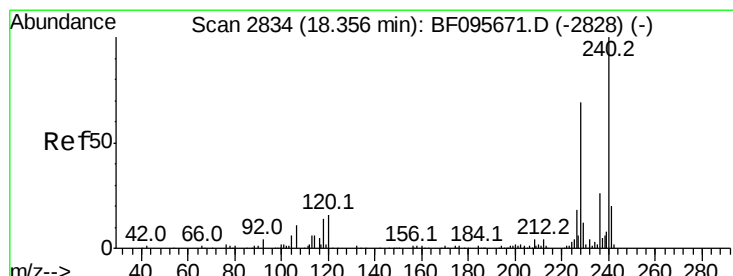
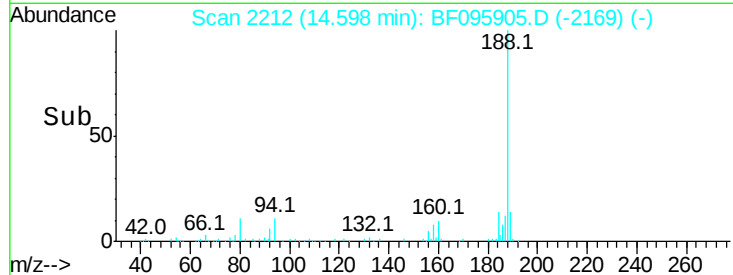
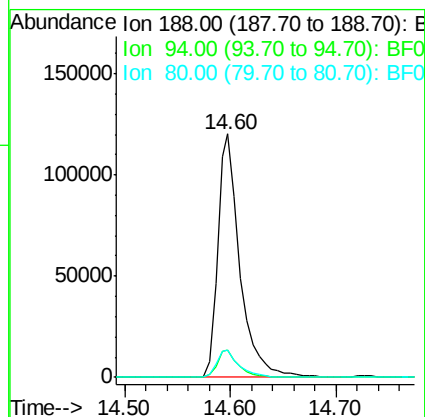
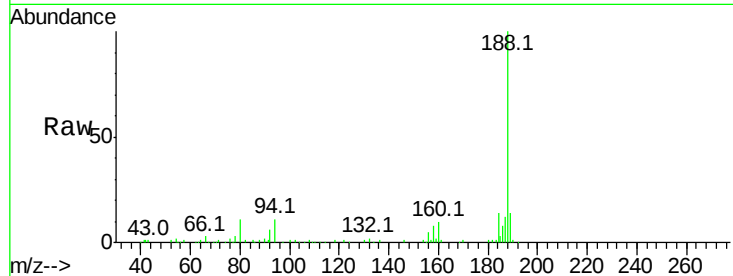




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.60 min Scan# 2212
Delta R.T. -0.05 min
Lab File: BF095905.D
Acq: 13 Jun 2017 21:18

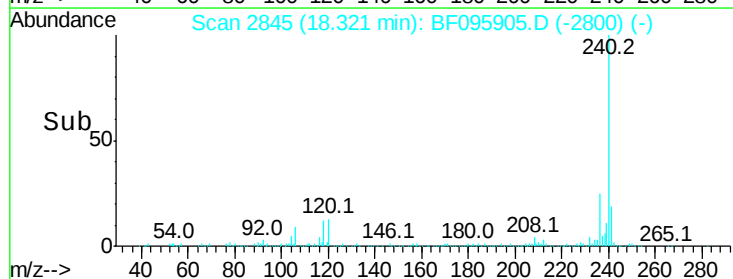
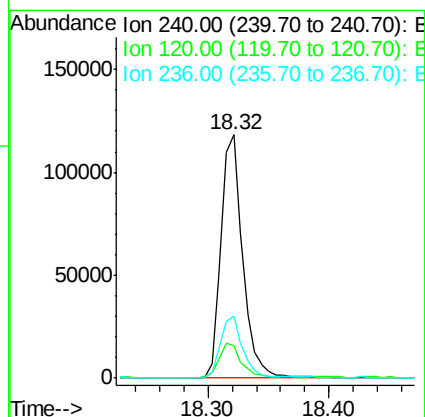
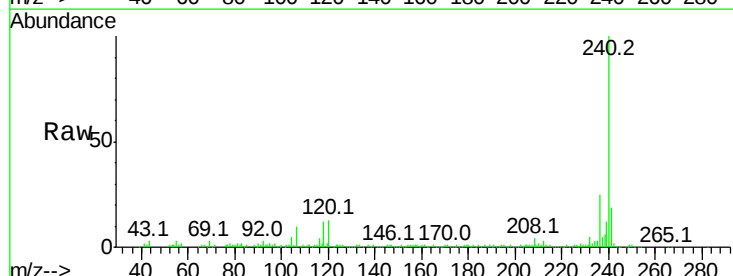
Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 176471
Ion Ratio Lower Upper
188 100
94 11.4 9.4 14.2
80 11.4 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.32 min Scan# 2845
Delta R.T. -0.04 min
Lab File: BF095905.D
Acq: 13 Jun 2017 21:18

Tgt Ion:240 Resp: 146149
Ion Ratio Lower Upper
240 100
120 13.2 5.8 8.8#
236 25.3 20.5 30.7





#78

Terphenyl-d14

Concen: 58.01 ng

RT: 16.97 min Scan# 2615

Delta R.T. -0.05 min

Lab File: BF095905.D

Acq: 13 Jun 2017 21:18

Instrument :

BNA_F

ClientSampleId :

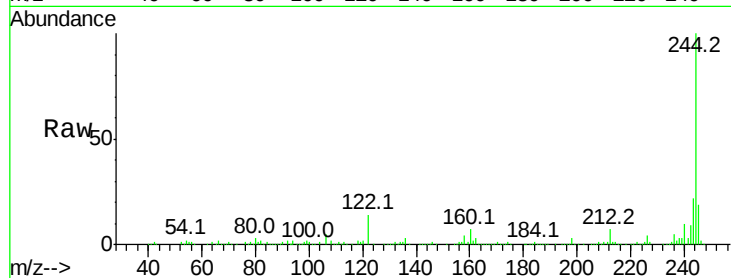
Tot Ion:244 Resp: 341642

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

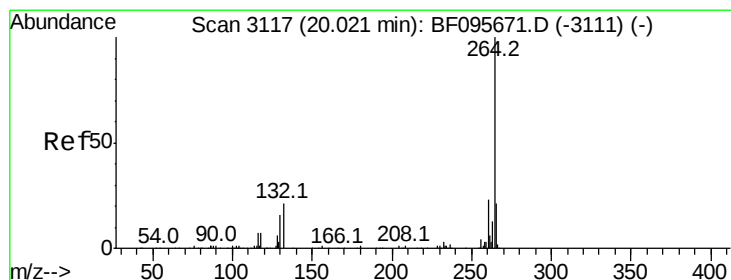
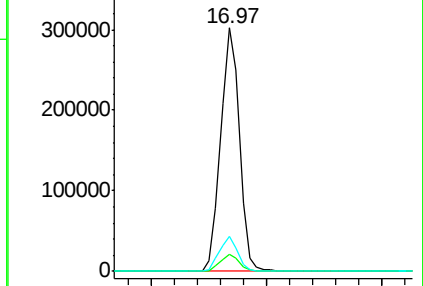
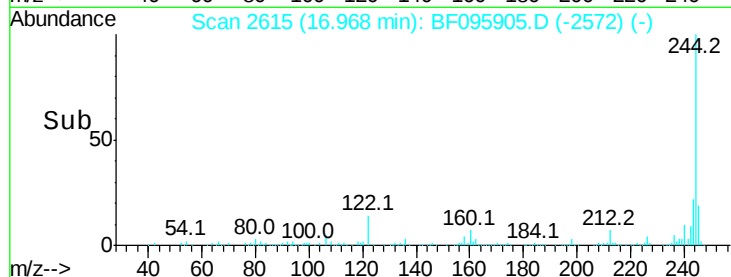
122 14.2 10.3 15.5



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

Perylene-d12

Concen: 20.00 ng

RT: 19.99 min Scan# 3129

Delta R.T. -0.03 min

Lab File: BF095905.D

Acq: 13 Jun 2017 21:18

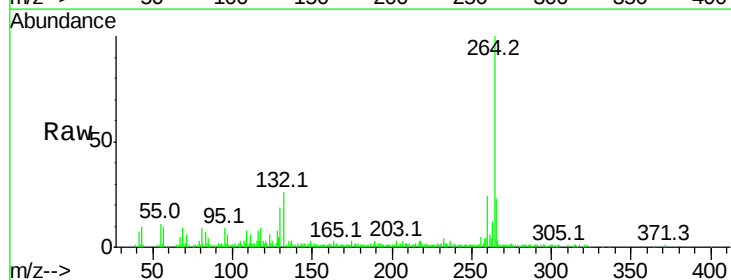
Tgt Ion:264 Resp: 102962

Ion Ratio Lower Upper

264 100

260 23.6 19.5 29.3

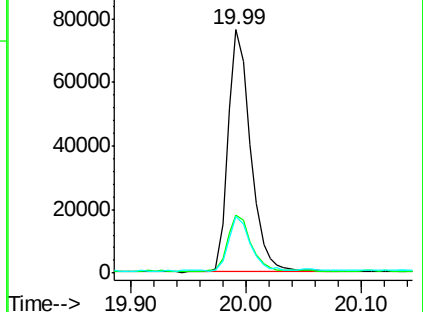
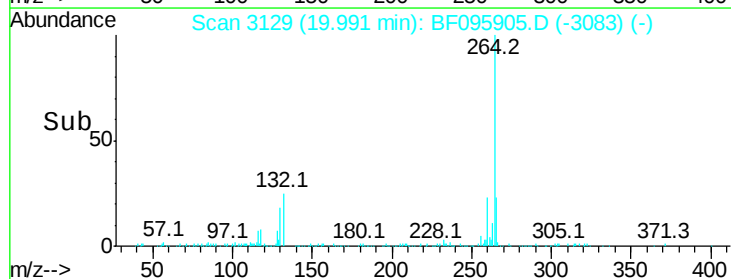
265 23.1 17.2 25.8

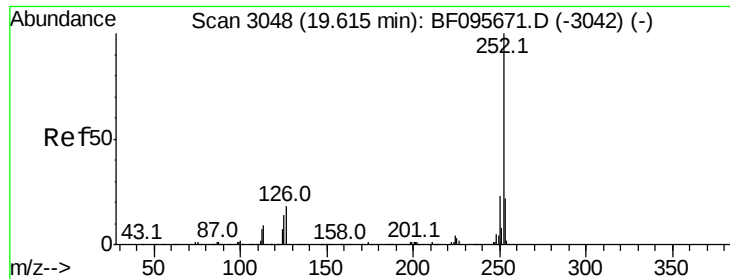


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

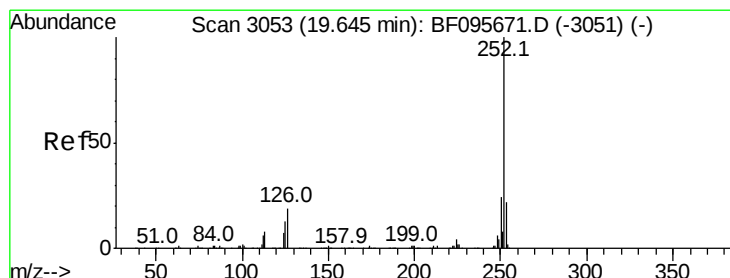
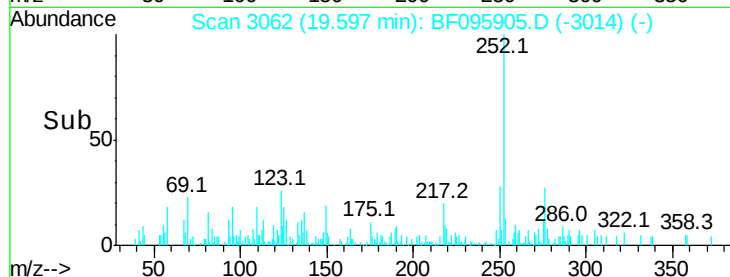
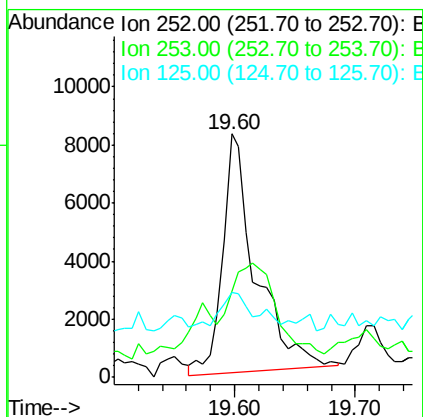
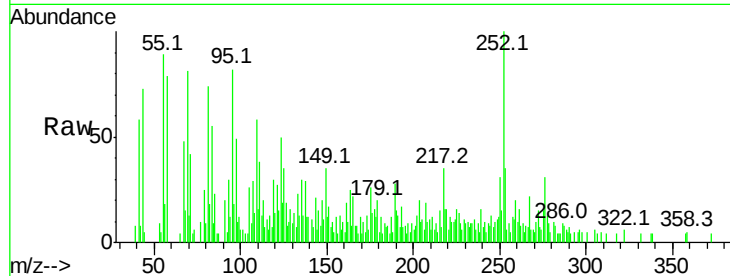




#87
Benzo(b)fluoranthene
Concen: 2.43 ng
RT: 19.60 min Scan# 3062
Delta R.T. -0.02 min
Lab File: BF095905.D
Acq: 13 Jun 2017 21:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 15662
Ion Ratio Lower Upper
252 100
253 35.2 18.1 27.1#
125 35.0 9.8 14.8#



#88
Benzo(k)fluoranthene
Concen: 2.54 ng
RT: 19.60 min Scan# 3062
Delta R.T. -0.05 min
Lab File: BF095905.D
Acq: 13 Jun 2017 21:18

Tgt Ion:252 Resp: 15662
Ion Ratio Lower Upper
252 100
253 35.2 18.4 27.6#
125 35.0 13.1 19.7#

