

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\
 Data File : BF095318.D
 Acq On : 22 May 2017 17:22
 Operator : SJ/MA
 Sample : I3157-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 23 01:15:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

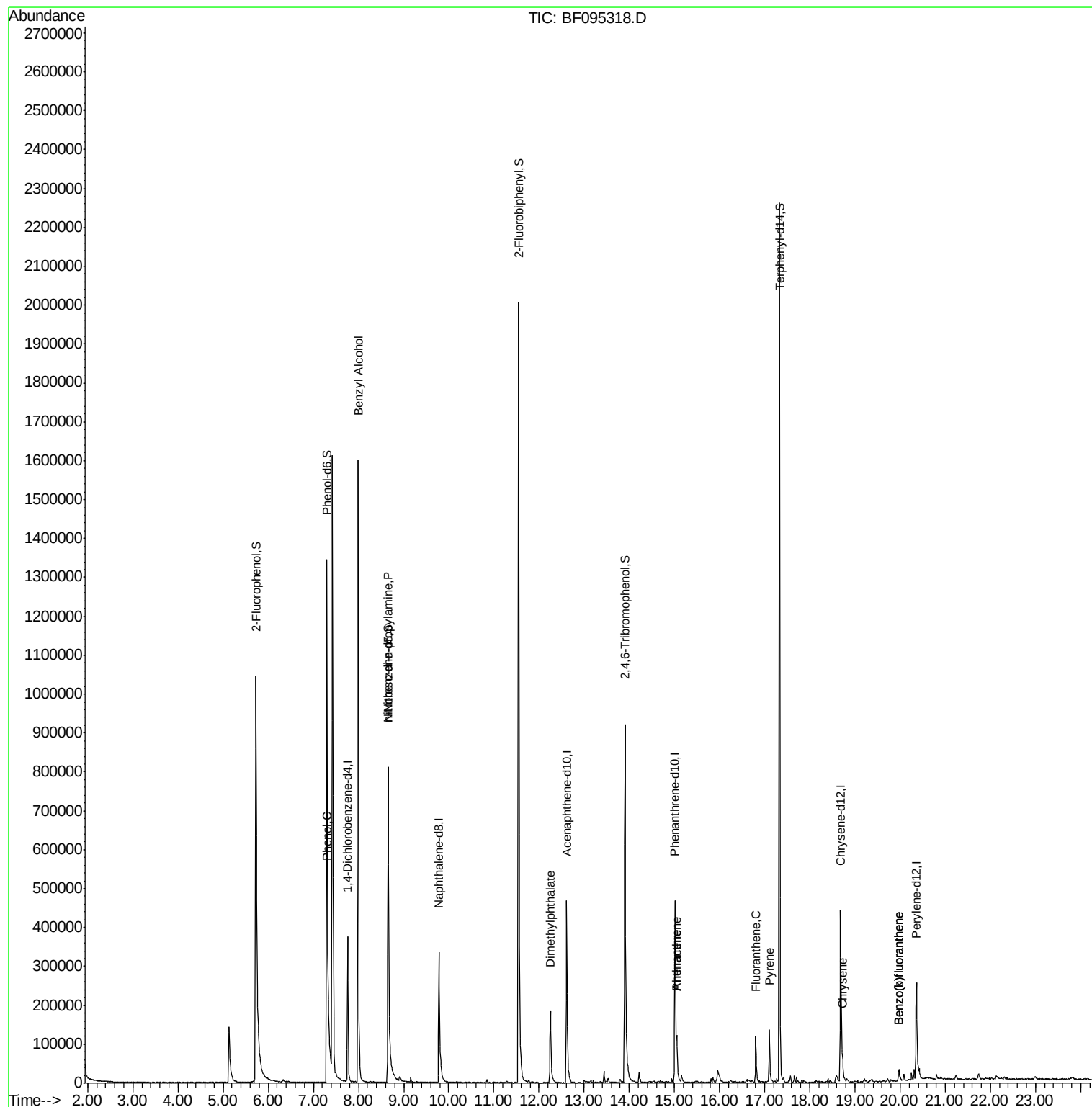
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	84524	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	353135	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	163769	20.00	ng	0.00
63) Phenanthrene-d10	15.01	188	314524	20.00	ng	-0.01
75) Chrysene-d12	18.68	240	240053	20.00	ng	-0.01
86) Perylene-d12	20.36	264	165102	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	768525	151.59	ng	-0.01
7) Phenol-d6	7.30	99	920186	151.27	ng	-0.01
23) Nitrobenzene-d5	8.66	82	527589	94.21	ng	-0.01
41) 2,4,6-Tribromophenol	13.91	330	205115	152.93	ng	-0.01
44) 2-Fluorobiphenyl	11.55	172	1095677	96.30	ng	-0.01
78) Terphenyl-d14	17.33	244	935656	85.85	ng	-0.02
Target Compounds						
10) Phenol	7.32	94	18585	2.90	ng	# 61
15) Benzyl Alcohol	8.00	79	8270	2.11	ng	# 38
19) n-Nitroso-di-n-propylamine	8.66	70	61325	14.91	ng	# 78
49) Dimethylphthalate	12.25	163	165291	12.29	ng	99
70) Phenanthrene	15.05	178	66001	3.65	ng	99
71) Anthracene	15.05	178	66001	3.58	ng	99
74) Fluoranthene	16.80	202	84510	4.56	ng	96
77) Pyrene	17.11	202	76198	4.24	ng	97
82) Chrysene	18.72	228	27656	2.05	ng	94
87) Benzo(b)fluoranthene	19.97	252	26922	2.64	ng	# 90
88) Benzo(k)fluoranthene	19.97	252	26922	2.74	ng	94

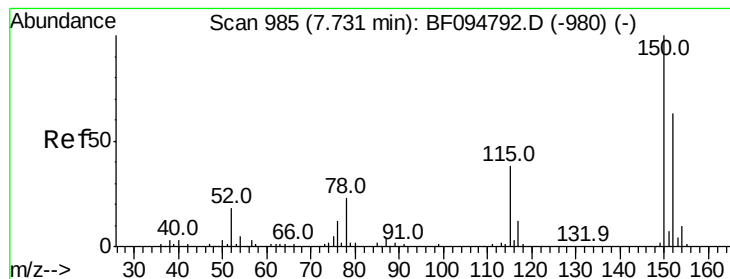
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\
Data File : BF095318.D
Acq On : 22 May 2017 17:22
Operator : SJ/MA
Sample : I3157-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 23 01:15:28 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 17:07:53 2017
Response via : Initial Calibration



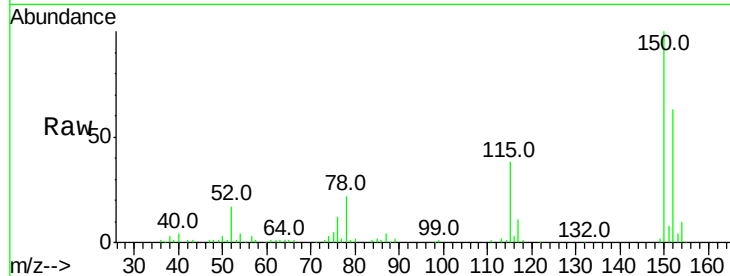


#1

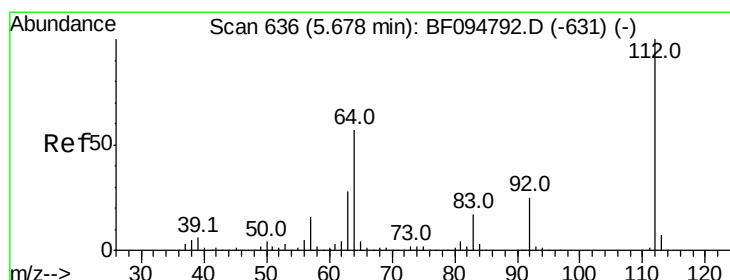
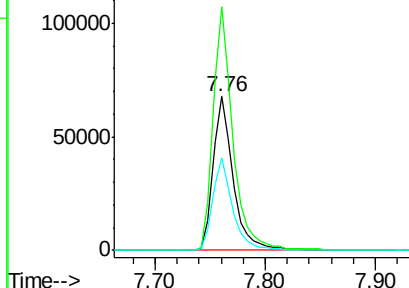
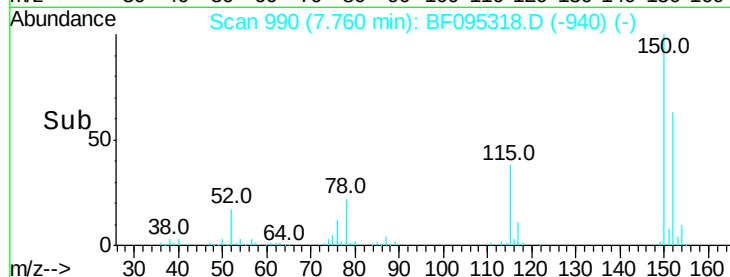
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF095318.D
Acq: 22 May 2017 17:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 84524
Ion Ratio Lower Upper
152 100
150 158.3 126.2 189.2
115 59.9 52.2 78.2



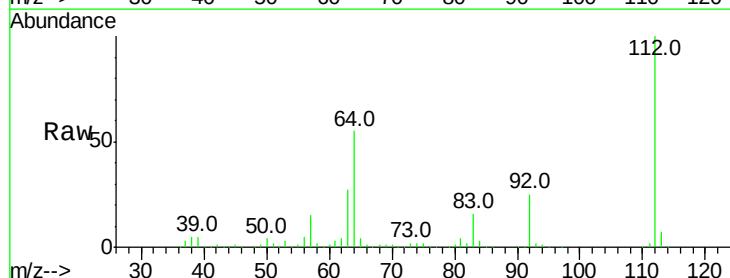
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



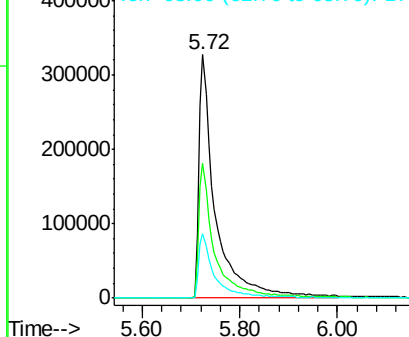
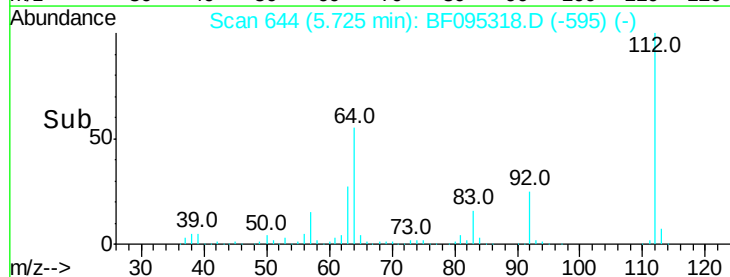
#5

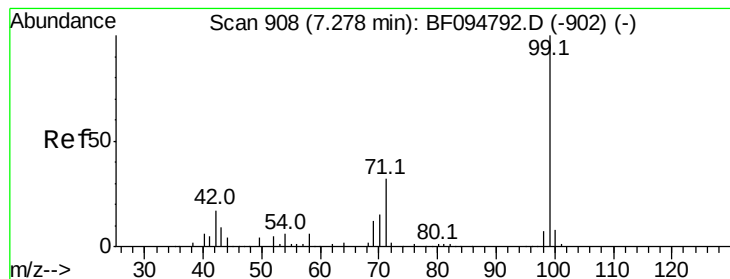
2-Fluorophenol
Concen: 151.59 ng
RT: 5.72 min Scan# 644
Delta R.T. -0.01 min
Lab File: BF095318.D
Acq: 22 May 2017 17:22

Tgt Ion:112 Resp: 768525
Ion Ratio Lower Upper
112 100
64 55.4 46.0 69.0
63 26.5 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: 151.27 ng

RT: 7.30 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095318.D

Acq: 22 May 2017 17:22

Instrument :

BNA_F

ClientSampleId :

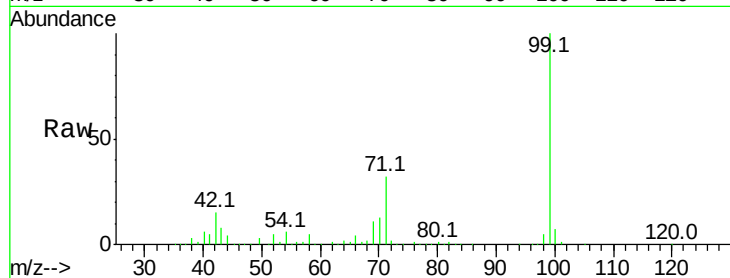
Tot Ion: 99 Resp: 920186

Ion Ratio Lower Upper

99 100

42 15.2 13.5 20.3

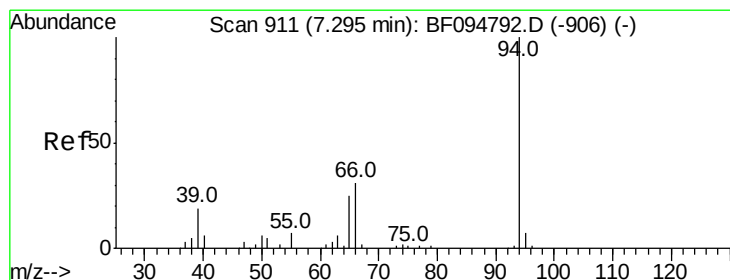
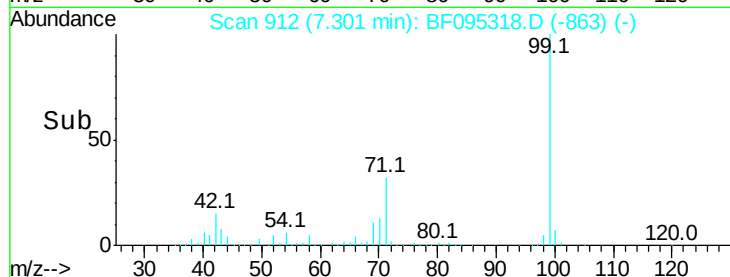
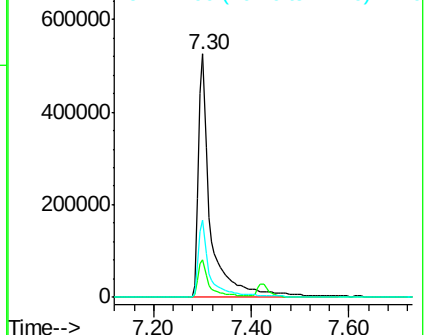
71 31.9 24.5 36.7



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: 2.90 ng

RT: 7.32 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF095318.D

Acq: 22 May 2017 17:22

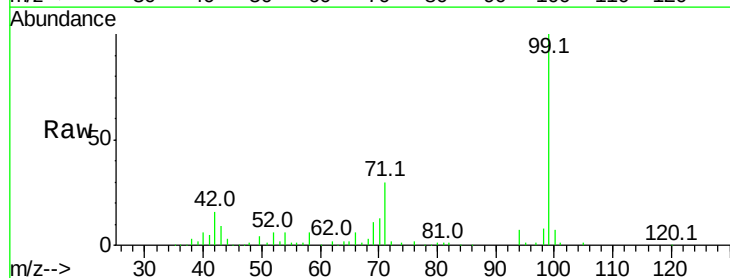
Tgt Ion: 94 Resp: 18585

Ion Ratio Lower Upper

94 100

65 34.6 9.9 49.9

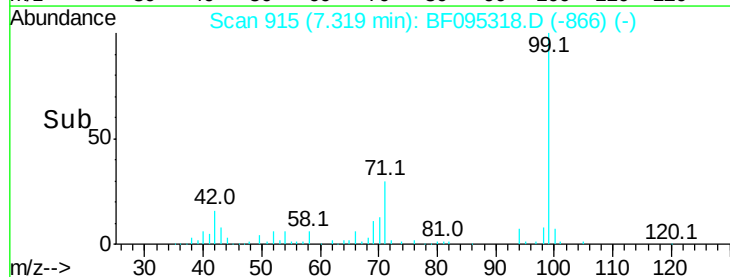
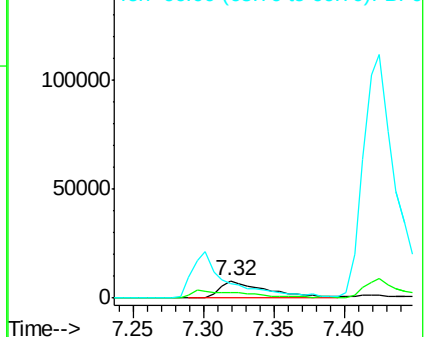
66 82.1 23.1 63.1#

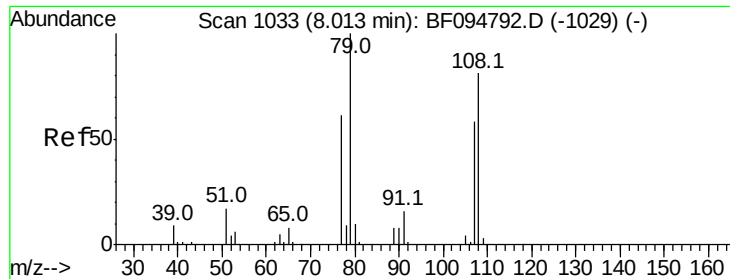


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

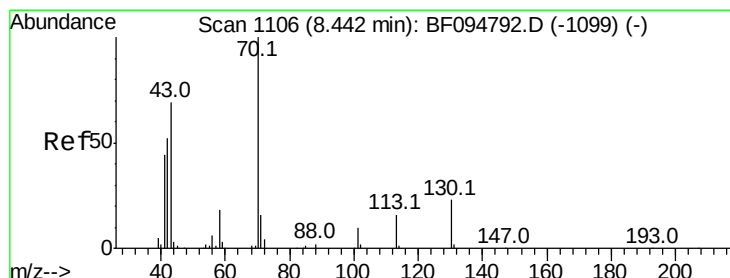
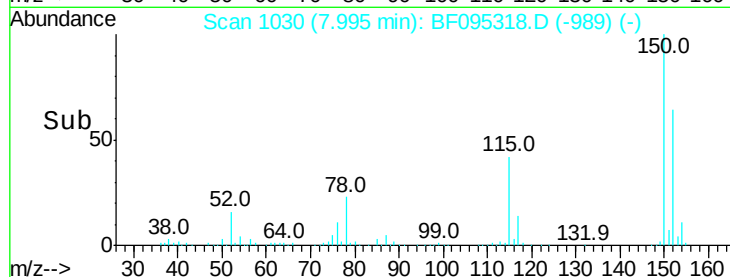
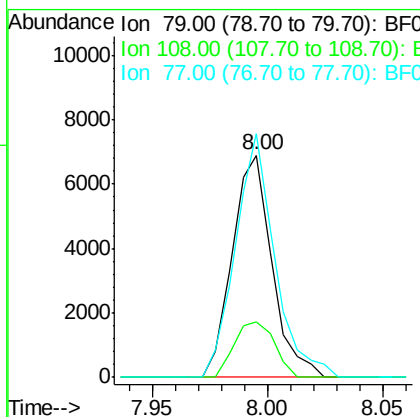
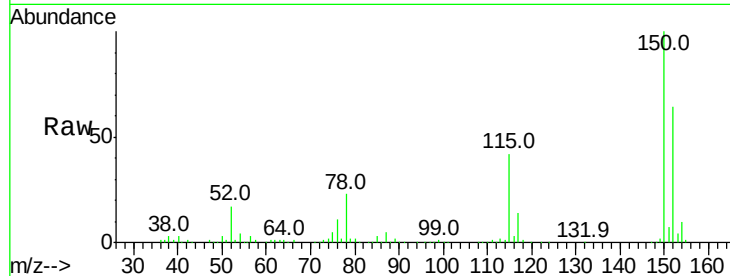




#15
Benzyl Alcohol
Concen: 2.11 ng
RT: 8.00 min Scan# 1030
Delta R.T. -0.06 min
Lab File: BF095318.D
Acq: 22 May 2017 17:22

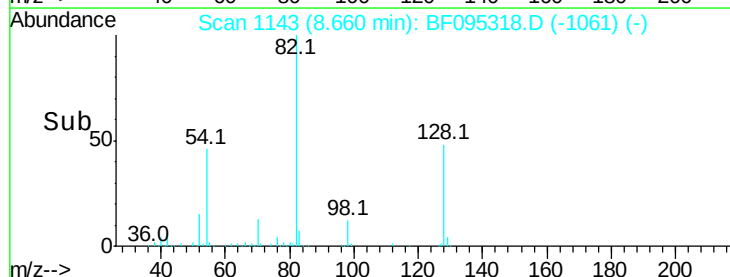
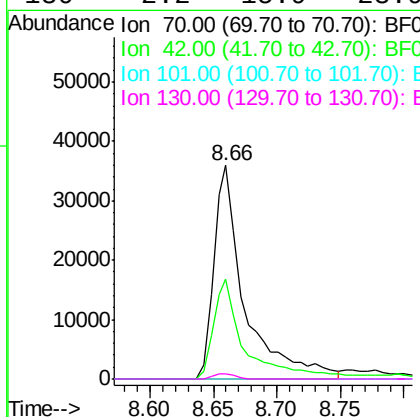
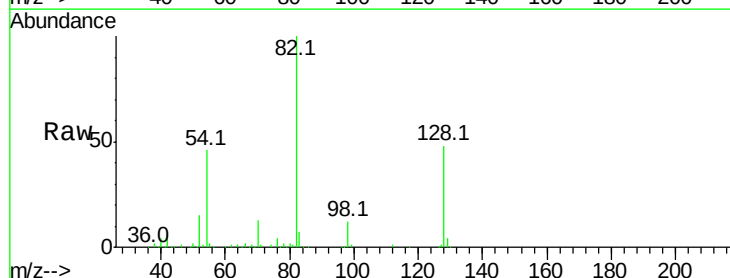
Instrument :
BNA_F
ClientSampleId :

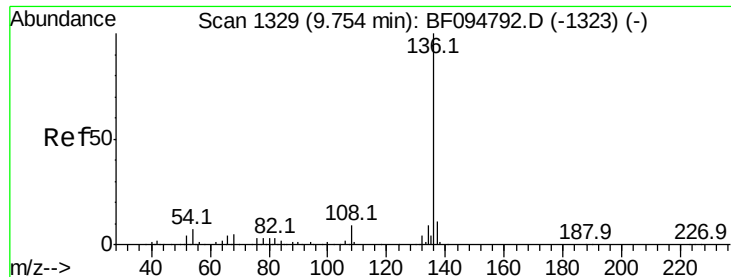
Tot Ion: 79 Resp: 8270
Ion Ratio Lower Upper
79 100
108 25.3 63.4 95.0#
77 109.6 49.2 73.8#



#19
n-Nitroso-di-n-propylamine
Concen: 14.91 ng
RT: 8.66 min Scan# 1143
Delta R.T. 0.18 min
Lab File: BF095318.D
Acq: 22 May 2017 17:22

Tgt Ion: 70 Resp: 61325
Ion Ratio Lower Upper
70 100
42 47.0 47.2 70.8#
101 0.0 7.2 10.8#
130 2.2 15.9 23.9#

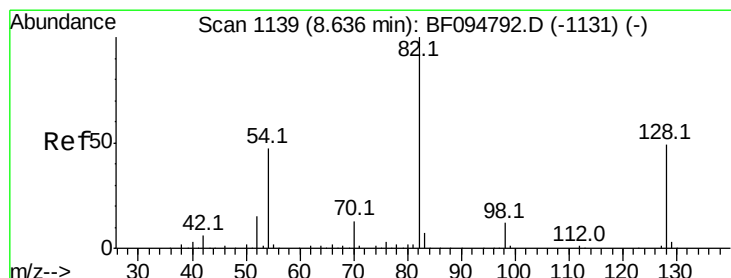
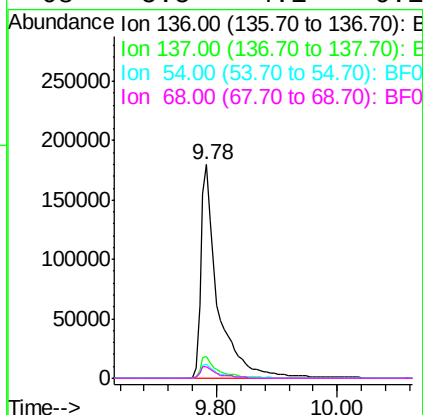
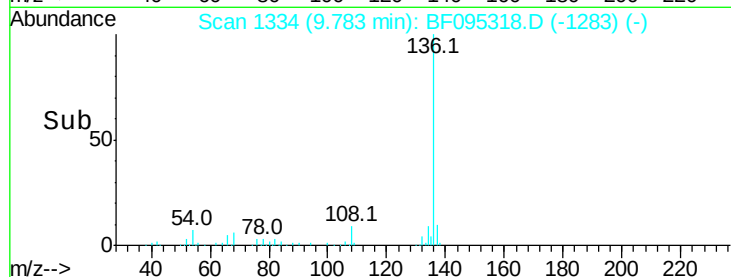
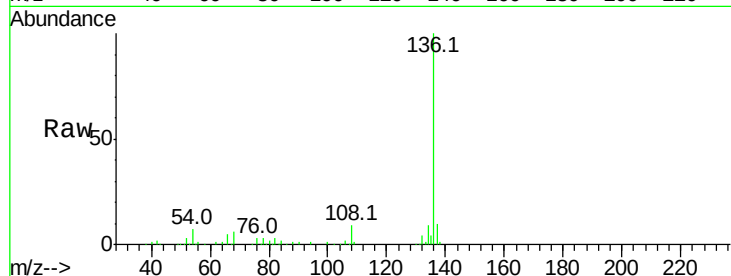




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.78 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF095318.D
Acq: 22 May 2017 17:22

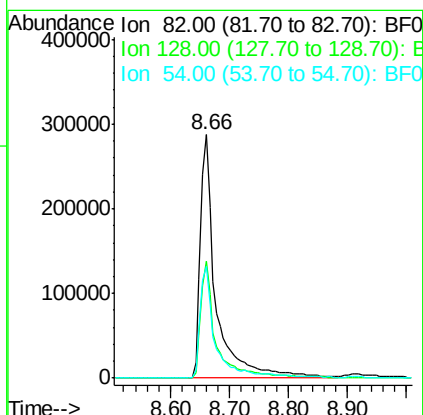
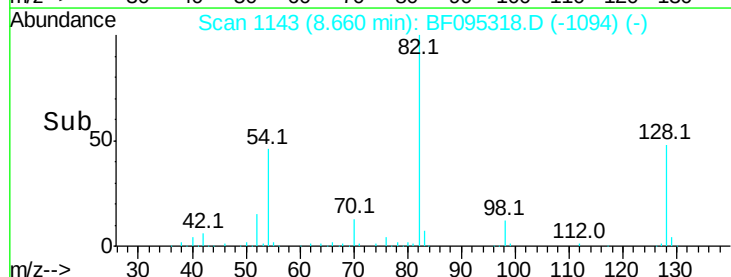
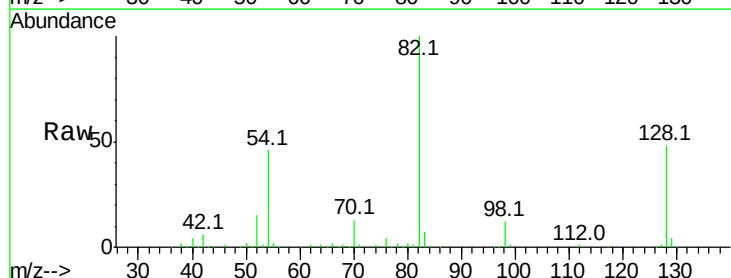
Instrument :
BNA_F
ClientSampleId :

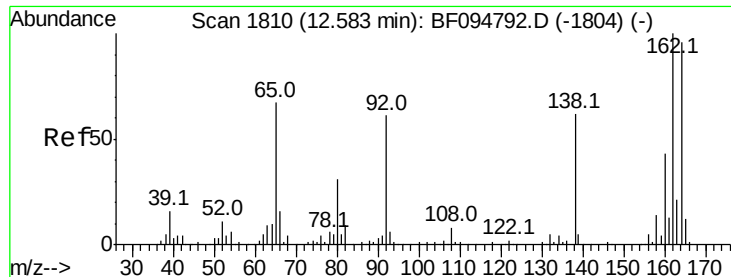
Tot Ion:136	Resp:	353135
Ion Ratio	Lower	Upper
136	100	
137	10.3	8.5 12.7
54	6.7	4.9 7.3
68	5.5	4.1 6.1



#23
Nitrobenzene-d5
Concen: 94.21 ng
RT: 8.66 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF095318.D
Acq: 22 May 2017 17:22

Tgt Ion: 82	Resp:	527589
Ion Ratio	Lower	Upper
82	100	
128	47.8	34.0 51.0
54	45.7	42.2 63.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.61 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF095318.D

Acq: 22 May 2017 17:22

Instrument :

BNA_F

ClientSampleId :

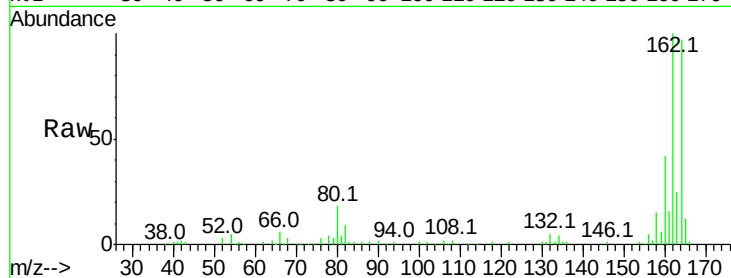
Tot Ion:164 Resp: 163769

Ion Ratio Lower Upper

164 100

162 103.6 82.6 123.8

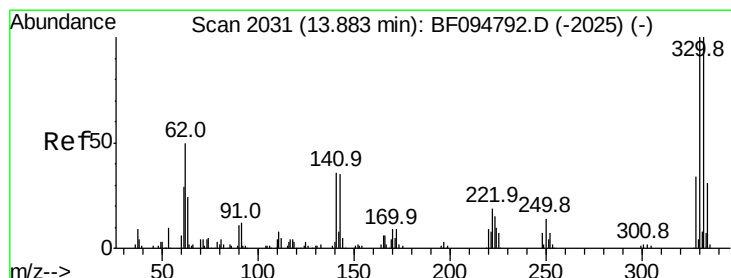
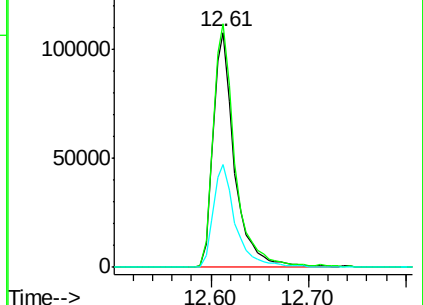
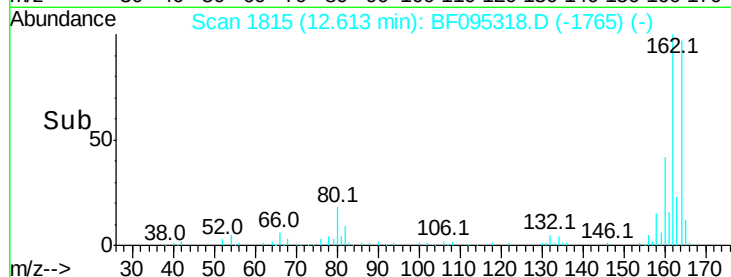
160 43.6 36.2 54.2



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: 152.93 ng

RT: 13.91 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF095318.D

Acq: 22 May 2017 17:22

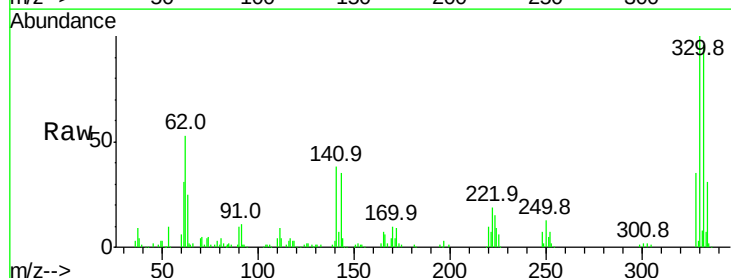
Tgt Ion:330 Resp: 205115

Ion Ratio Lower Upper

330 100

332 97.3 76.6 115.0

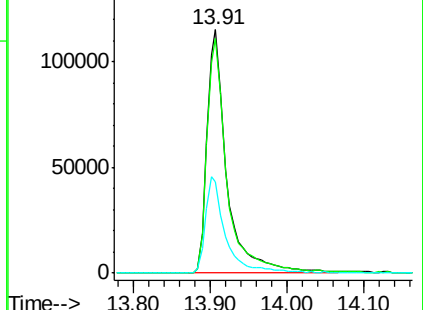
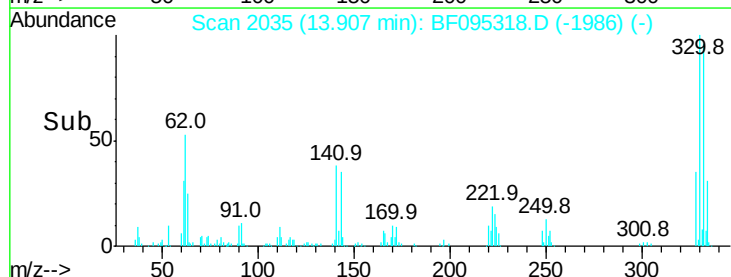
141 40.0 31.4 47.2

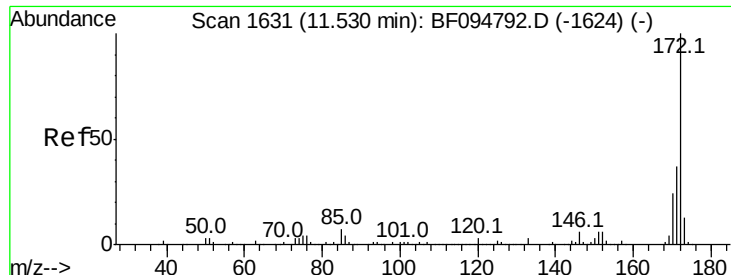


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

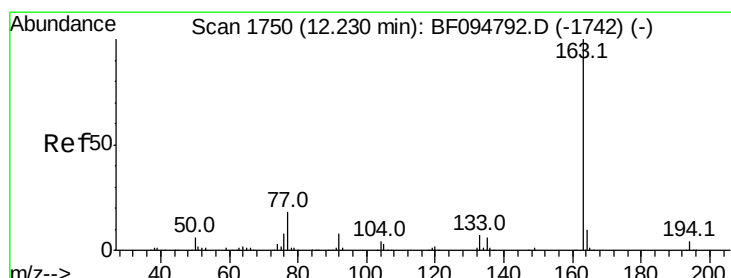
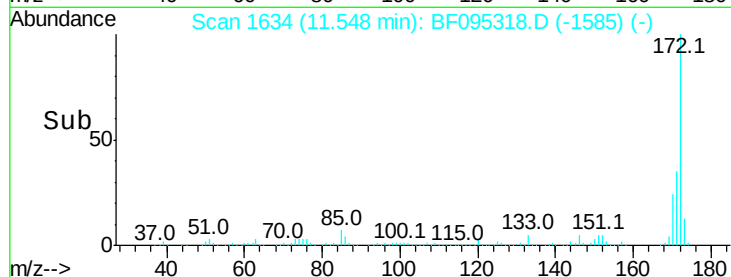
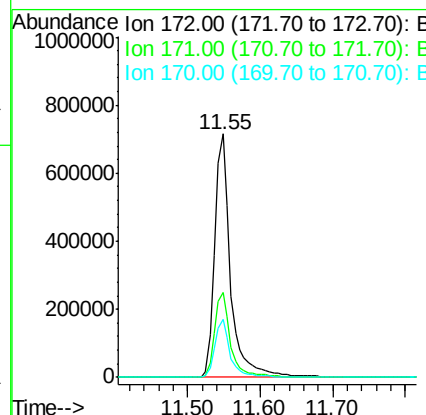
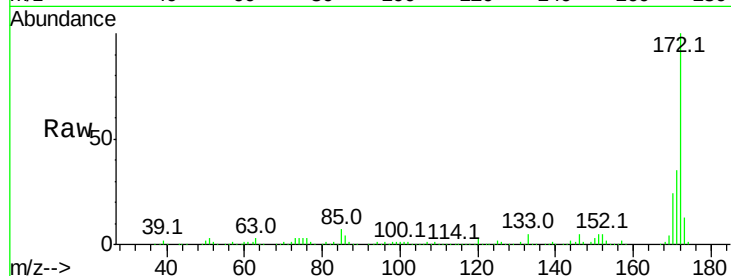




#44
2-Fluorobiphenyl
Concen: 96.30 ng
RT: 11.55 min Scan# 1634
Delta R.T. -0.01 min
Lab File: BF095318.D
Acq: 22 May 2017 17:22

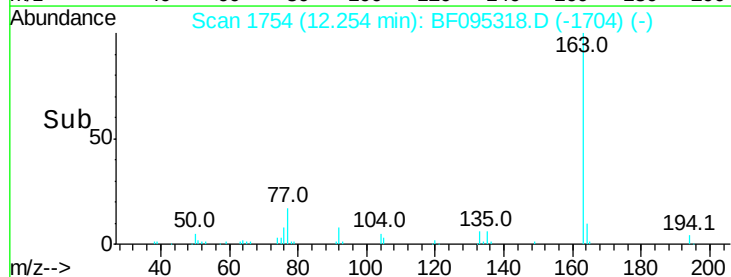
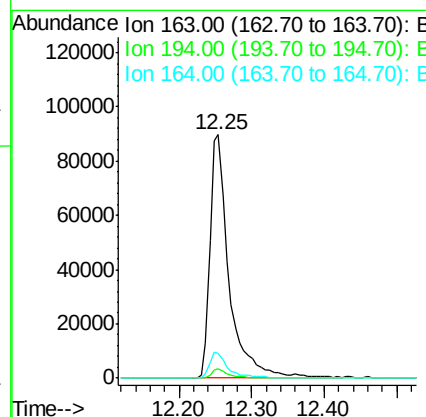
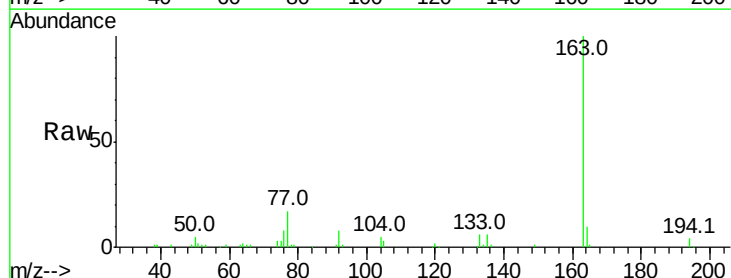
Instrument :
BNA_F
ClientSampled :

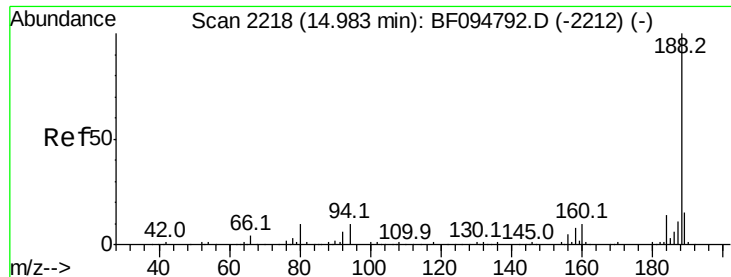
Tot Ion:172 Resp: 1095677
Ion Ratio Lower Upper
172 100
171 35.0 29.6 44.4
170 24.0 19.8 29.8



#49
Dimethylphthalate
Concen: 12.29 ng
RT: 12.25 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BF095318.D
Acq: 22 May 2017 17:22

Tgt Ion:163 Resp: 165291
Ion Ratio Lower Upper
163 100
194 3.9 2.6 4.0
164 10.2 8.4 12.6

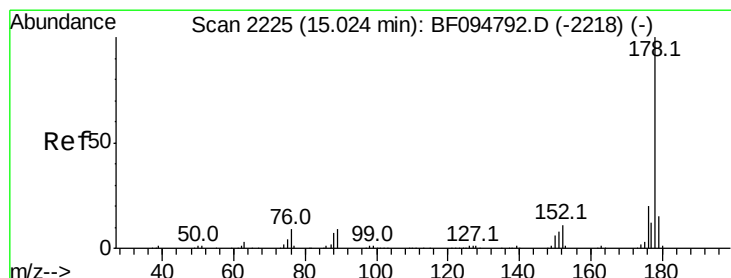
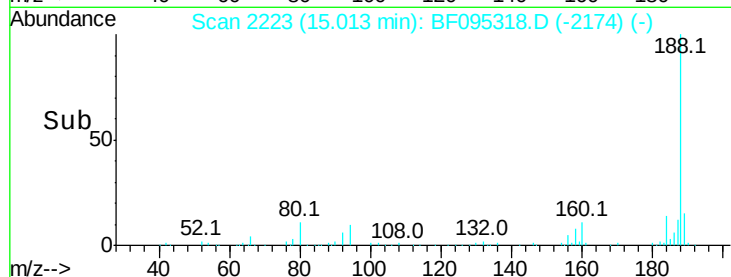
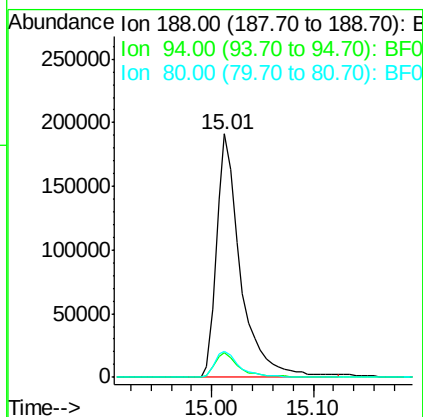
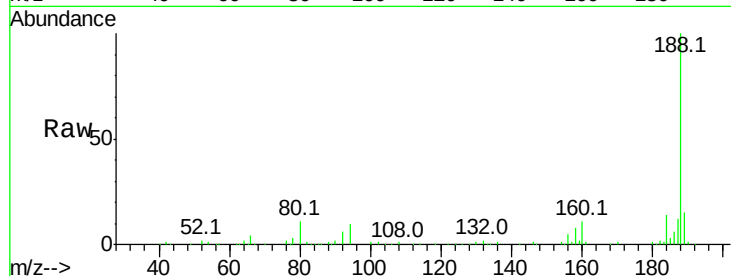




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.01 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF095318.D
 Acq: 22 May 2017 17:22

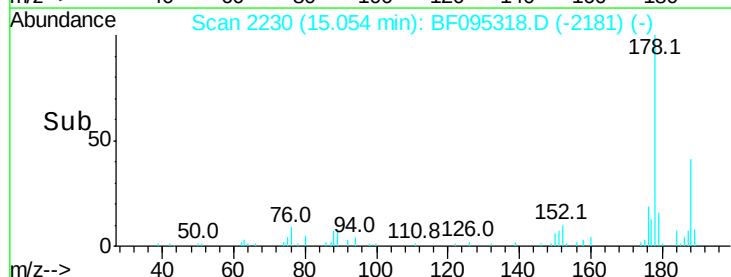
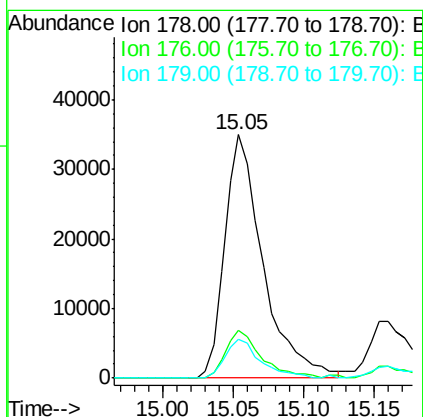
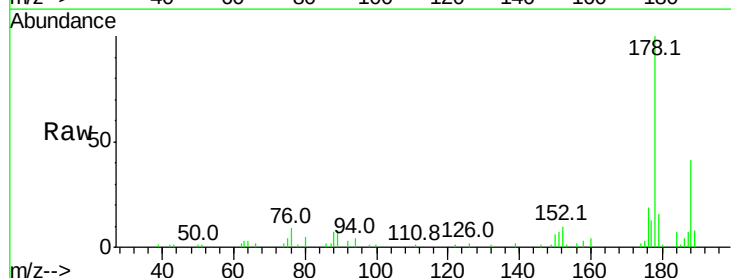
Instrument :
 BNA_F
 ClientSampled :

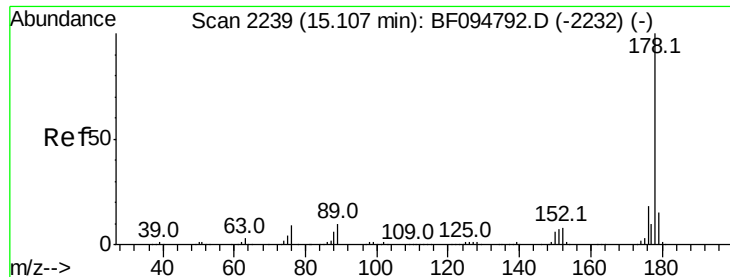
Tot Ion:188 Resp: 314524
 Ion Ratio Lower Upper
 188 100
 94 10.4 9.4 14.2
 80 10.7 10.2 15.2



#70
 Phenanthrene
 Concen: 3.65 ng
 RT: 15.05 min Scan# 2230
 Delta R.T. -0.01 min
 Lab File: BF095318.D
 Acq: 22 May 2017 17:22

Tgt Ion:178 Resp: 66001
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.2 24.4
 179 16.1 12.6 19.0

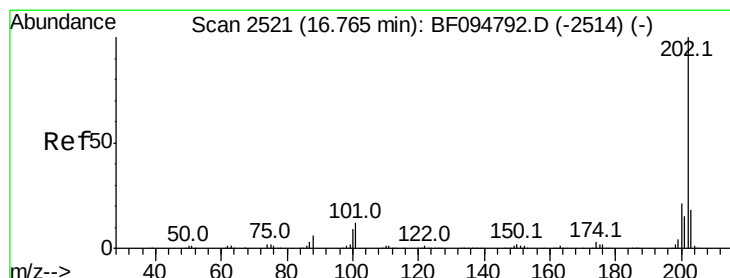
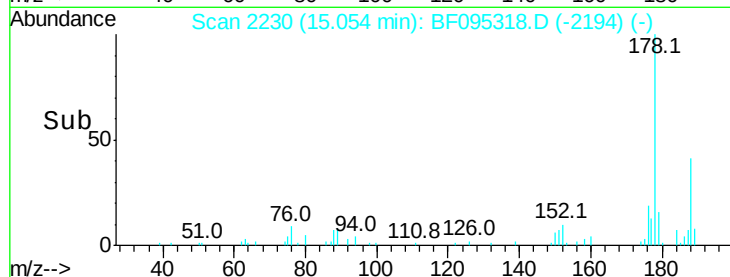
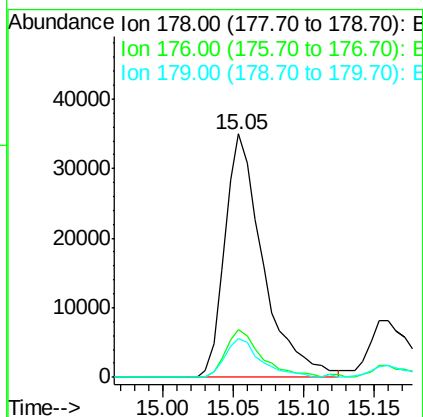
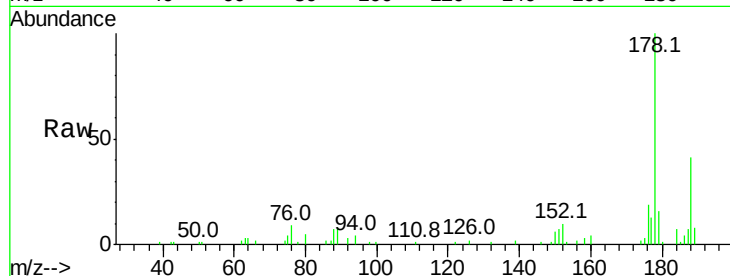




#71
 Anthracene
 Concen: 3.58 ng
 RT: 15.05 min Scan# 2230
 Delta R.T. -0.09 min
 Lab File: BF095318.D
 Acq: 22 May 2017 17:22

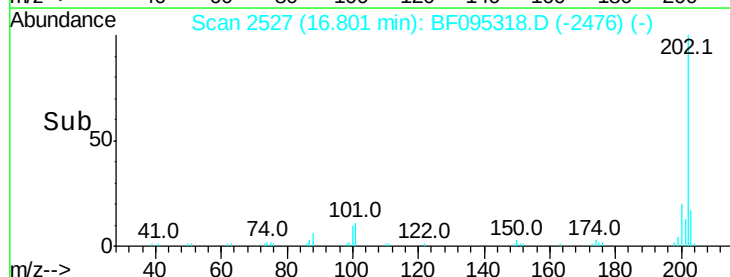
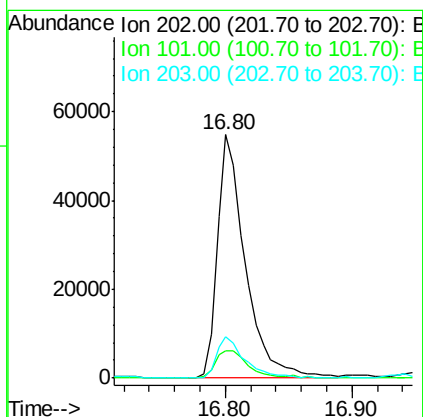
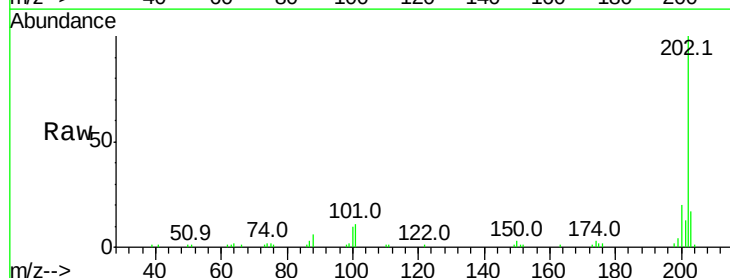
Instrument :
 BNA_F
 ClientSampleId :

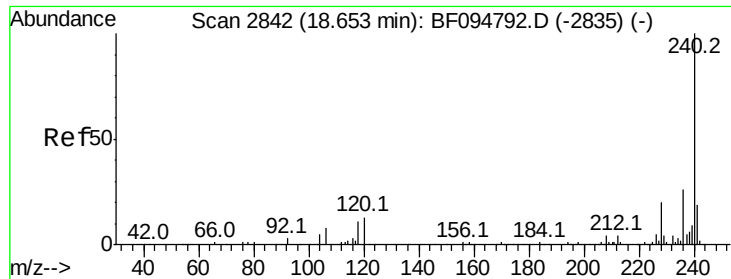
Tot Ion:178 Resp: 66001
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 16.1 12.7 19.1



#74
 Fluoranthene
 Concen: 4.56 ng
 RT: 16.80 min Scan# 2527
 Delta R.T. 0.00 min
 Lab File: BF095318.D
 Acq: 22 May 2017 17:22

Tgt Ion:202 Resp: 84510
 Ion Ratio Lower Upper
 202 100
 101 11.1 0.0 33.2
 203 17.0 0.0 38.1

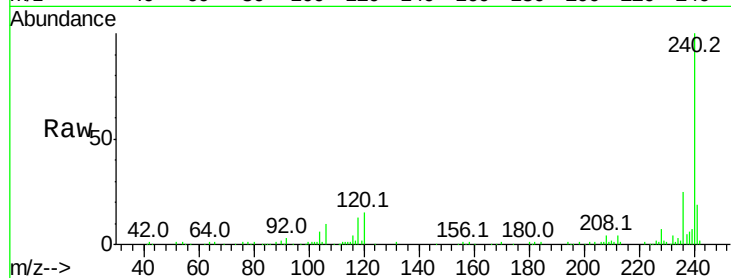




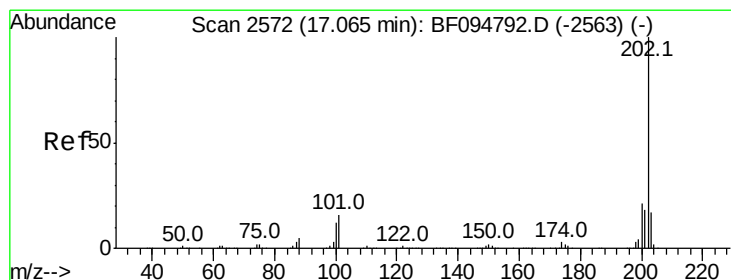
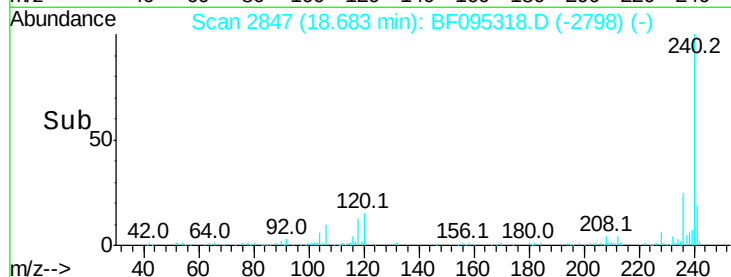
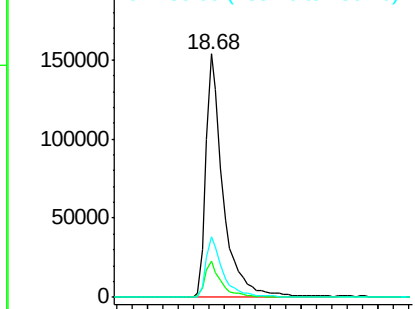
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.68 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BF095318.D
 Acq: 22 May 2017 17:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 240053
 Ion Ratio Lower Upper
 240 100
 120 14.9 5.8 8.8#
 236 24.8 20.5 30.7

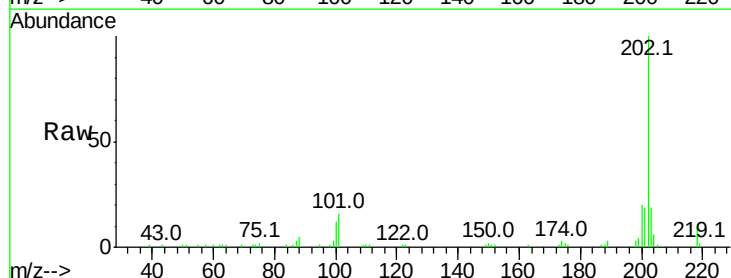


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

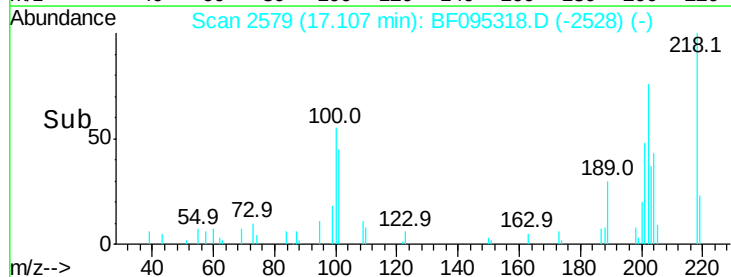
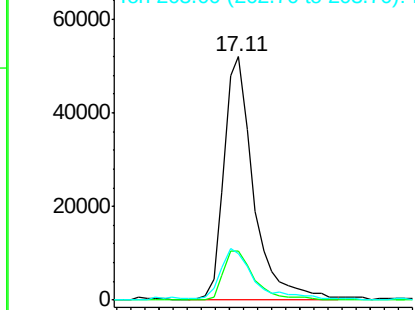


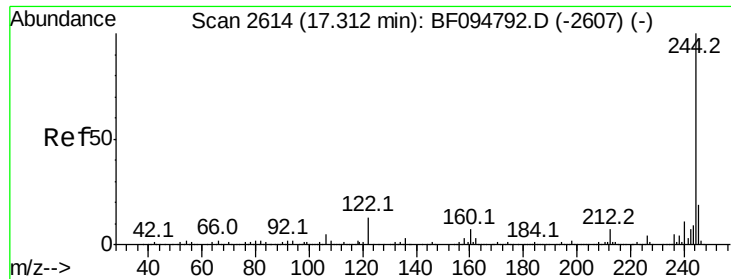
#77
 Pyrene
 Concen: 4.24 ng
 RT: 17.11 min Scan# 2579
 Delta R.T. 0.00 min
 Lab File: BF095318.D
 Acq: 22 May 2017 17:22

Tgt Ion:202 Resp: 76198
 Ion Ratio Lower Upper
 202 100
 200 20.3 17.6 26.4
 203 19.1 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: 85.85 ng

RT: 17.33 min Scan# 2617

Delta R.T. -0.02 min

Lab File: BF095318.D

Acq: 22 May 2017 17:22

Instrument :

BNA_F

ClientSampled :

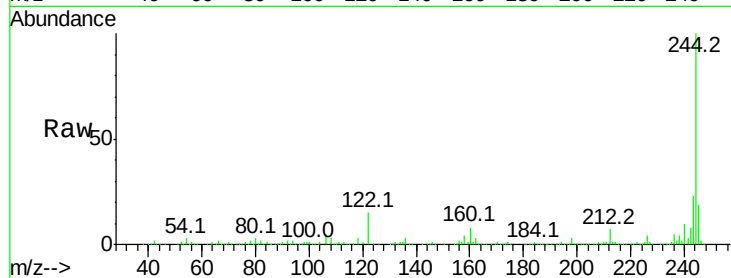
Tot Ion:244 Resp: 935656

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

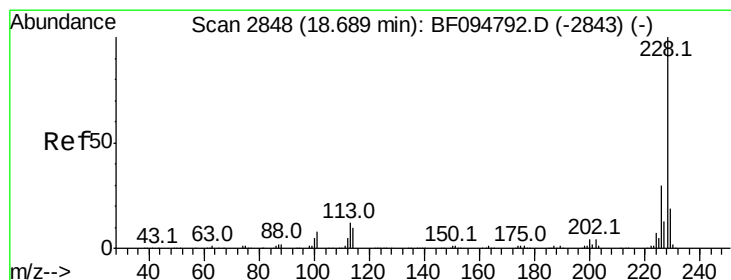
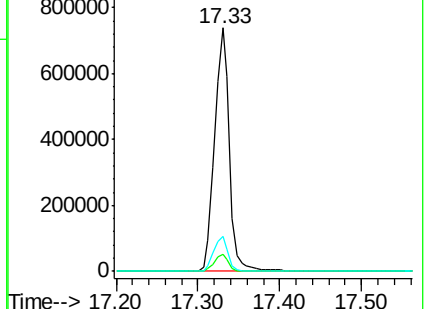
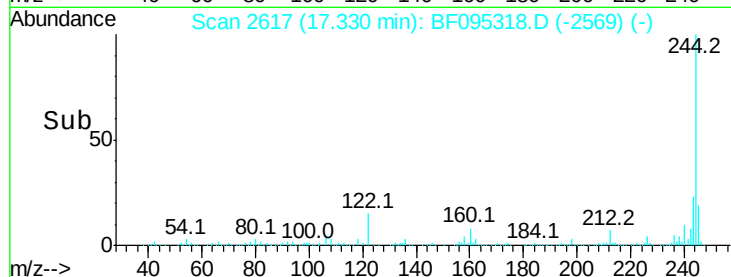
122 14.6 10.3 15.5



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: 2.05 ng

RT: 18.72 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BF095318.D

Acq: 22 May 2017 17:22

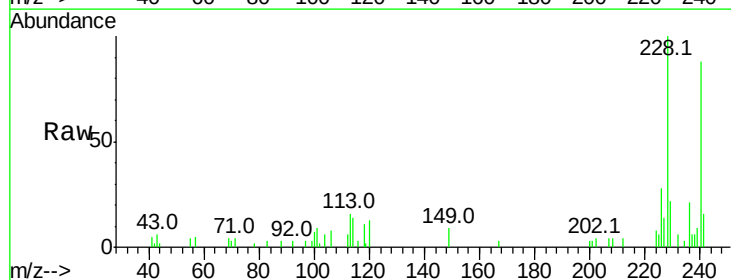
Tgt Ion:228 Resp: 27656

Ion Ratio Lower Upper

228 100

226 28.1 24.9 37.3

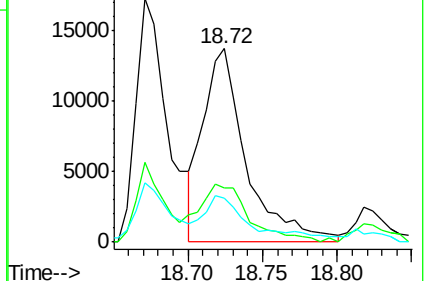
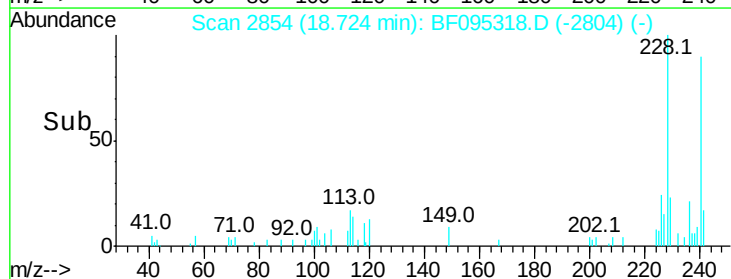
229 22.4 15.8 23.6

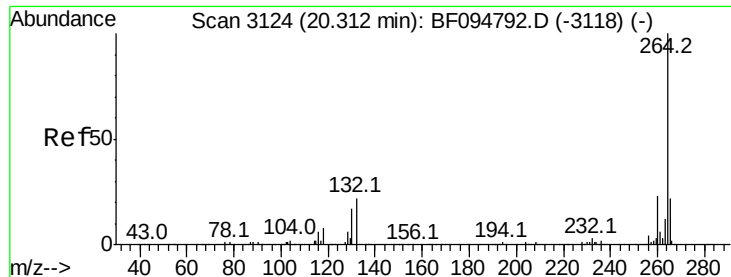


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



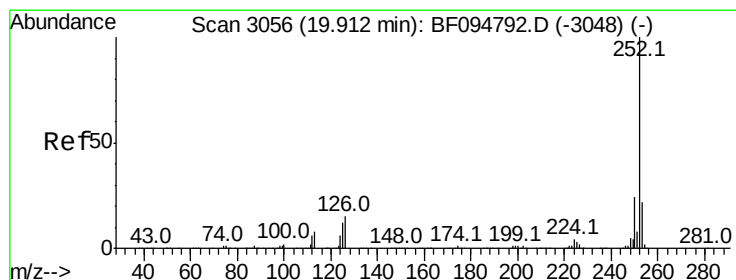
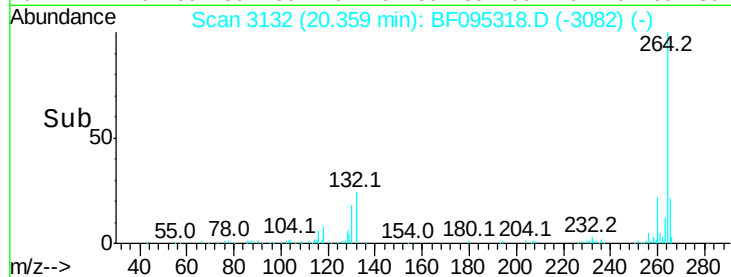
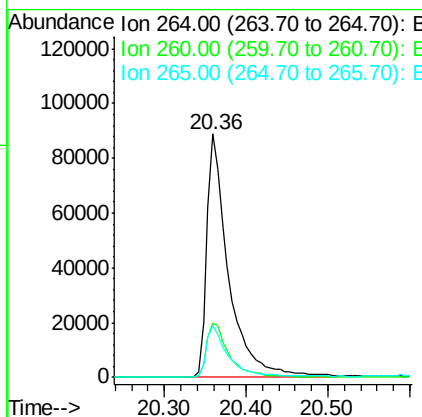
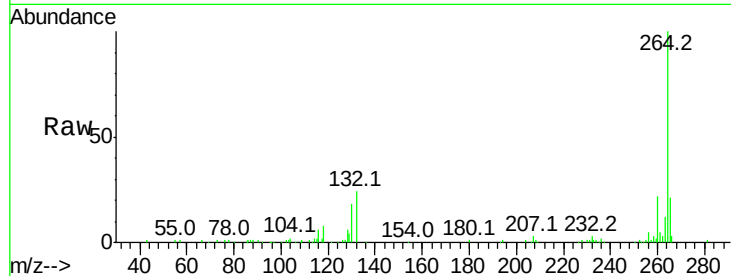


#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.36 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BF095318.D
Acq: 22 May 2017 17:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 165102

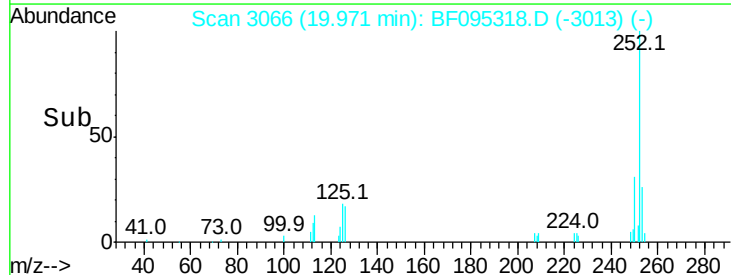
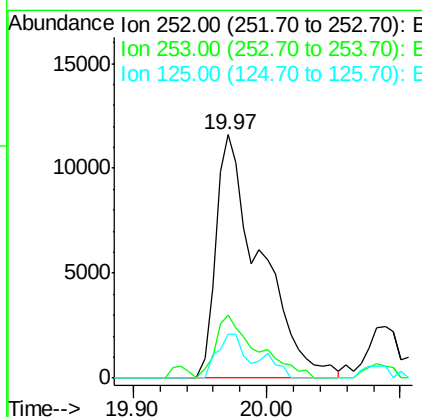
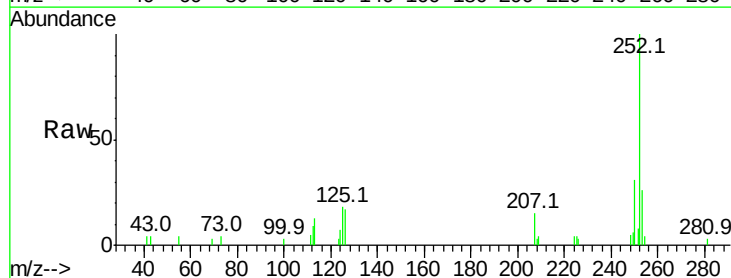
Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.5	29.3
265	21.0	17.2	25.8

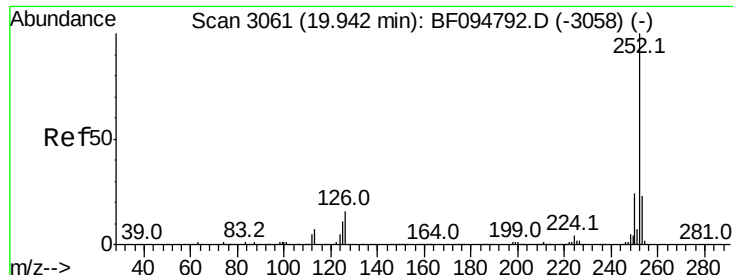


#87
Benzo(b)fluoranthene
Concen: 2.64 ng
RT: 19.97 min Scan# 3066
Delta R.T. 0.01 min
Lab File: BF095318.D
Acq: 22 May 2017 17:22

Tgt Ion:252 Resp: 26922

Ion	Ratio	Lower	Upper
252	100		
253	26.1	18.1	27.1
125	18.3	9.8	14.8





#88

Benzo(k)fluoranthene

Concen: 2.74 ng

RT: 19.97 min Scan# 3066

Delta R.T. -0.02 min

Lab File: BF095318.D

Acq: 22 May 2017 17:22

Instrument :

BNA_F

ClientSampleId :

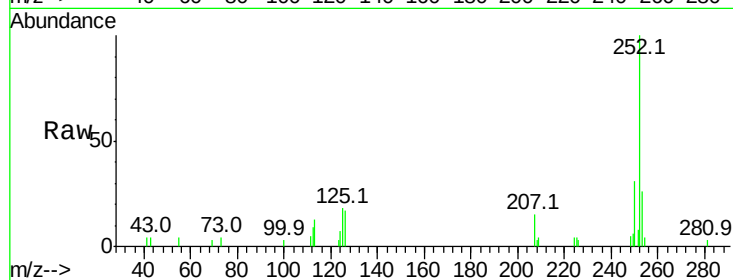
Tot Ion:252 Resp: 26922

Ion Ratio Lower Upper

252 100

253 26.1 18.4 27.6

125 18.3 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

