

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
 Data File : BF095172.D
 Acq On : 16 May 2017 23:43
 Operator : SJ/MA
 Sample : I3170-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 17 05:59:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	98951	20.00	ng	0.05
21) Naphthalene-d8	9.79	136	377209	20.00	ng	0.04
38) Acenaphthene-d10	12.62	164	153933	20.00	ng	0.04
63) Phenanthrene-d10	15.02	188	211528	20.00	ng	0.04
75) Chrysene-d12	18.69	240	191179	20.00	ng	0.04
86) Perylene-d12	20.37	264	148009	20.00	ng	0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	671709	113.18	ng	0.07
7) Phenol-d6	7.32	99	808667	113.56	ng	0.04
23) Nitrobenzene-d5	8.67	82	457915	76.55	ng	0.04
41) 2,4,6-Tribromophenol	13.92	330	110035	87.28	ng	0.04
44) 2-Fluorobiphenyl	11.56	172	854134	79.87	ng	0.03
78) Terphenyl-d14	17.34	244	519096	59.80	ng	0.03

Target Compounds						Qvalue
10) Phenol	7.35	94	18137	2.42	ng	# 40
19) n-Nitroso-di-n-propylamine	8.67	70	56895	11.81	ng	# 72
32) Benzoic acid	9.68	122	119	5.11	ng	# 1
48) Acenaphthylene	12.39	152	94149	5.74	ng	96
49) Dimethylphthalate	12.25	163	127384	10.08	ng	99
51) Acenaphthene	12.67	154	35266	3.60	ng	97
54) Dibenzofuran	12.97	168	39811	2.94	ng	95
55) 4-Nitrophenol	12.97	139	14715	8.85	ng	# 28
57) Fluorene	13.52	166	44013	3.74	ng	# 99
70) Phenanthrene	15.07	178	764537	62.91	ng	98
71) Anthracene	15.14	178	147702	11.90	ng	96
72) Carbazole	15.43	167	59937	5.31	ng	96
74) Fluoranthene	16.81	202	1053885	84.53	ng	99
76) Benzidine	17.03	184	530	6.68	ng	# 1
77) Pyrene	17.11	202	933439	65.28	ng	99
80) Benzo(a)anthracene	18.68	228	466003	41.88	ng	98
82) Chrysene	18.72	228	498564	46.34	ng	98
83) Bis(2-ethylhexyl)phthalate	18.75	149	41945	4.43	ng	# 93
85) Indeno(1,2,3-cd)pyrene	21.70	276	177233	20.29	ng	91
87) Benzo(b)fluoranthene	19.96	252	628976	68.77	ng	# 97
88) Benzo(k)fluoranthene	19.96	252	628976	71.30	ng	99
89) Benzo(a)pyrene	20.31	252	326466	38.68	ng	97
90) Dibenzo(a,h)anthracene	21.91	278	22962	3.29	ng	92
91) Benzo(g,h,i)perylene	22.09	276	169890	24.84	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.78 min Scan# 993

Delta R.T. 0.05 min

Lab File: BF095172.D

Acq: 16 May 2017 23:43

Instrument :

BNA_F

ClientSampleId :

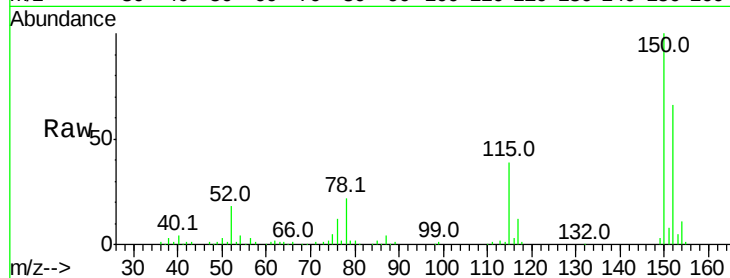
Tot Ion:152 Resp: 98951

Ion Ratio Lower Upper

152 100

150 150.4 126.2 189.2

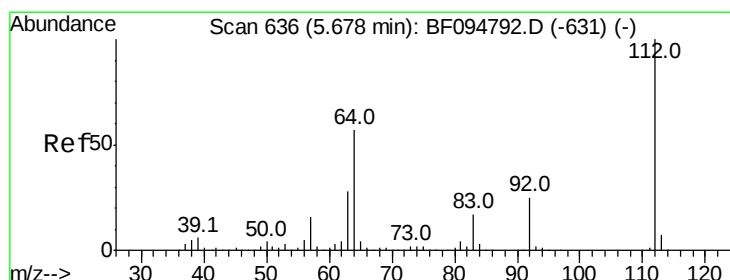
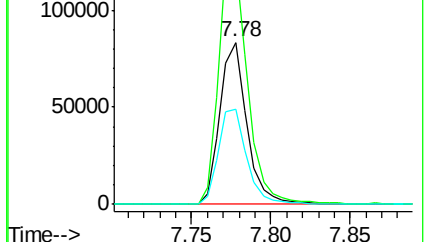
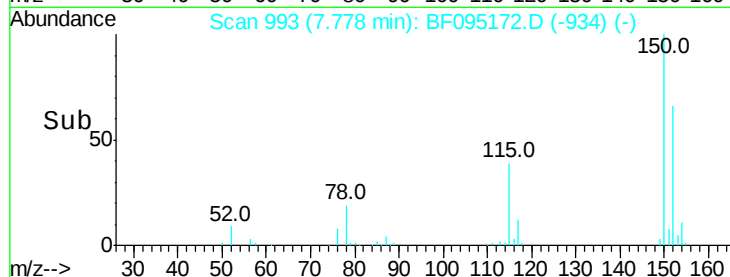
115 59.2 52.2 78.2



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: 113.18 ng

RT: 5.75 min Scan# 648

Delta R.T. 0.07 min

Lab File: BF095172.D

Acq: 16 May 2017 23:43

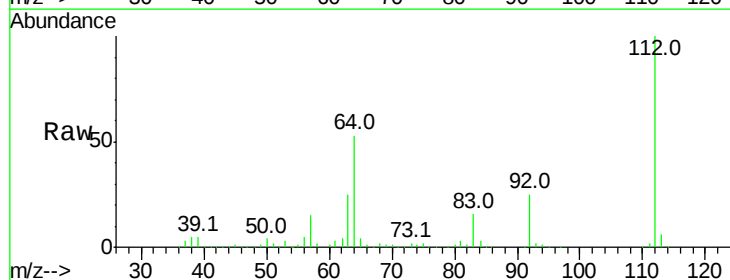
Tgt Ion:112 Resp: 671709

Ion Ratio Lower Upper

112 100

64 53.5 46.0 69.0

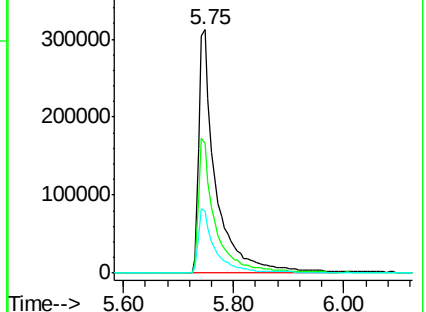
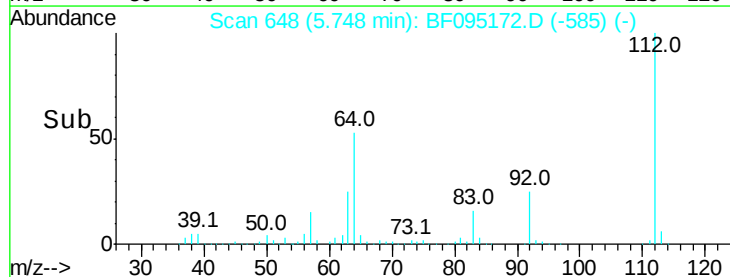
63 25.2 23.4 35.0



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: 113.56 ng

RT: 7.32 min Scan# 915

Delta R.T. 0.04 min

Lab File: BF095172.D

Acq: 16 May 2017 23:43

Instrument :

BNA_F

ClientSampleId :

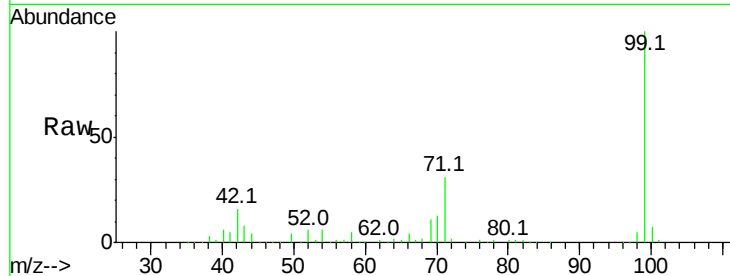
Tot Ion: 99 Resp: 808667

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

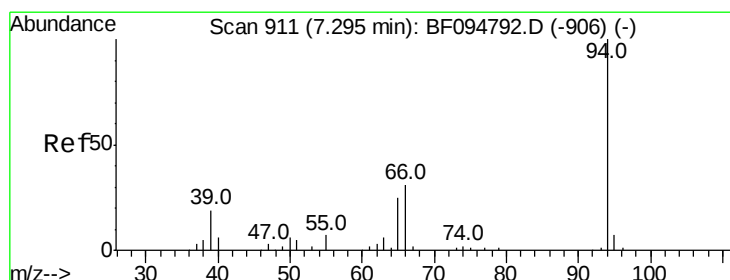
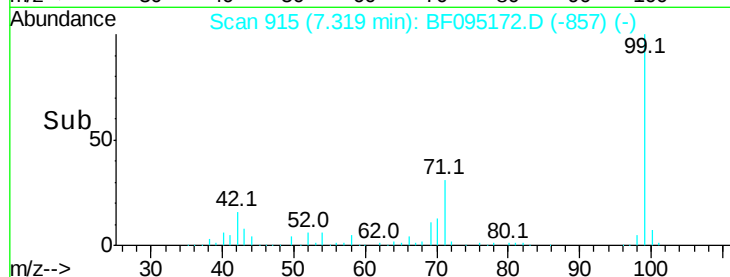
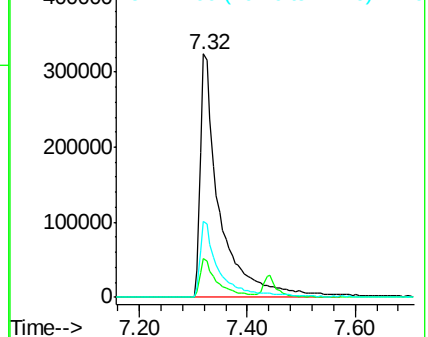
71 31.0 24.5 36.7



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: 2.42 ng

RT: 7.35 min Scan# 920

Delta R.T. 0.05 min

Lab File: BF095172.D

Acq: 16 May 2017 23:43

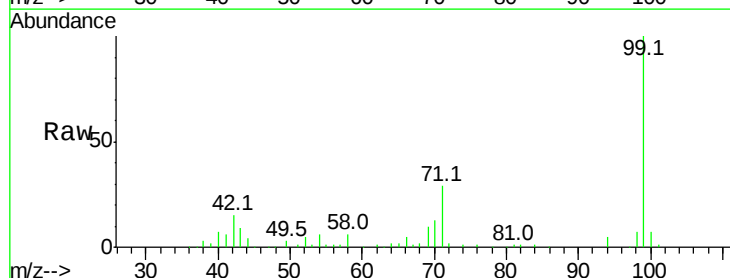
Tgt Ion: 94 Resp: 18137

Ion Ratio Lower Upper

94 100

65 41.8 9.9 49.9

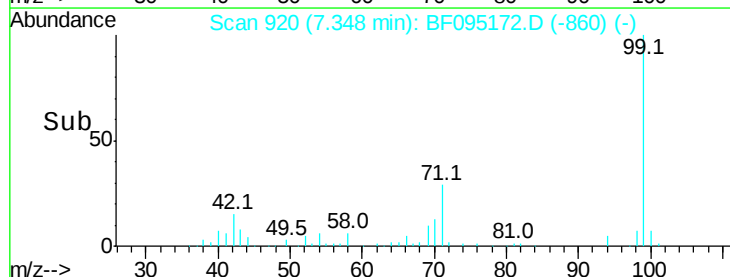
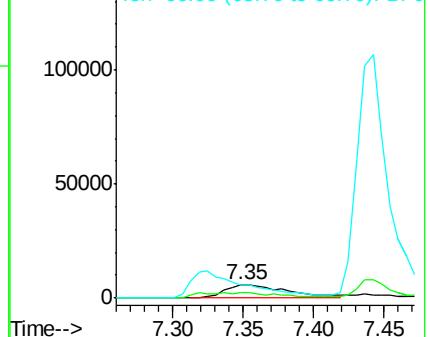
66 98.2 23.1 63.1#

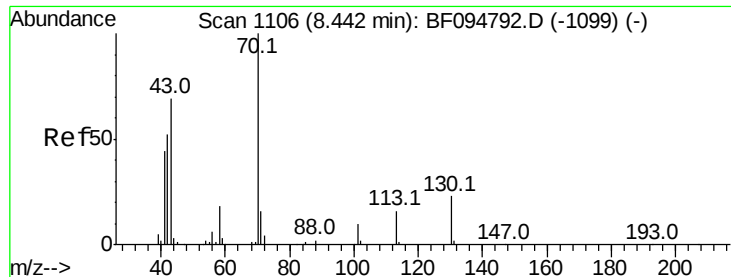


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

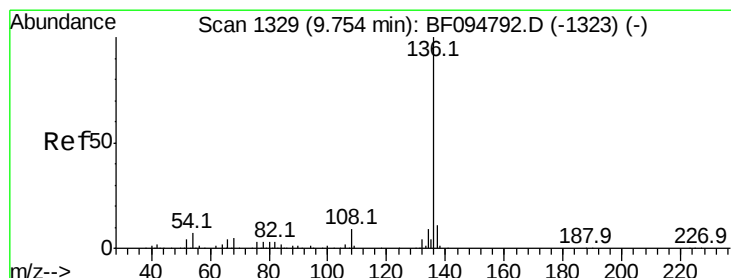
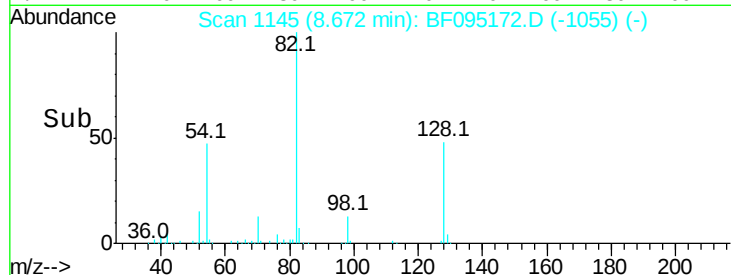
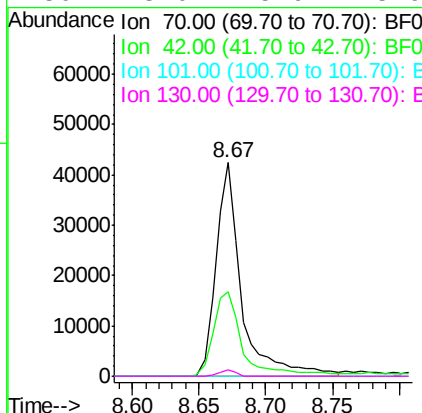
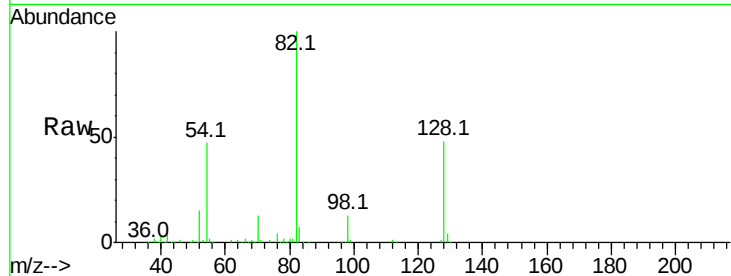




#19
n-Nitroso-di-n-propylamine
Concen: 11.81 ng
RT: 8.67 min Scan# 1145
Delta R.T. 0.23 min
Lab File: BF095172.D
Acq: 16 May 2017 23:43

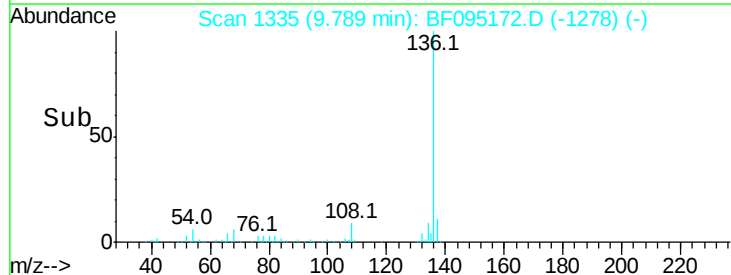
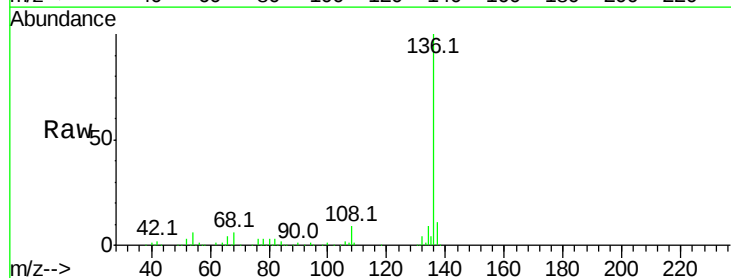
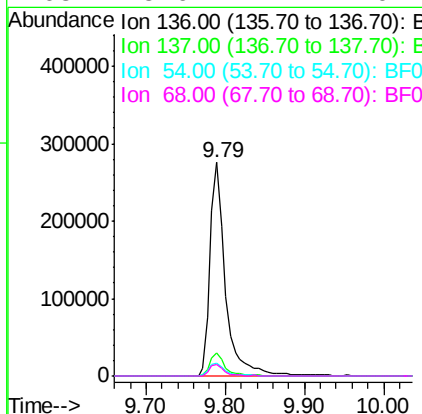
Instrument :
BNA_F
ClientSampleId :

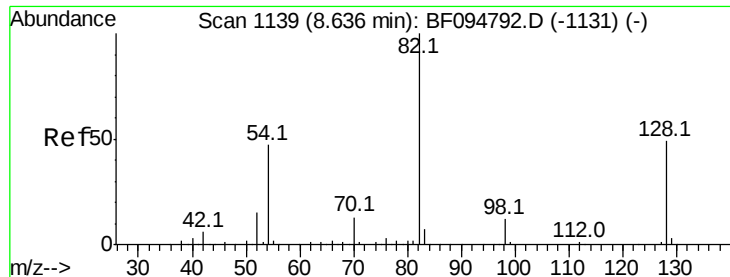
Tot Ion: 70 Resp: 56895
Ion Ratio Lower Upper
70 100
42 39.6 47.2 70.8#
101 0.0 7.2 10.8#
130 3.0 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.79 min Scan# 1335
Delta R.T. 0.04 min
Lab File: BF095172.D
Acq: 16 May 2017 23:43

Tgt Ion: 136 Resp: 377209
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 6.3 4.9 7.3
68 5.6 4.1 6.1

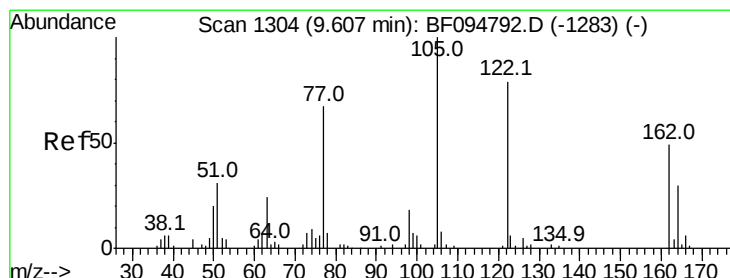
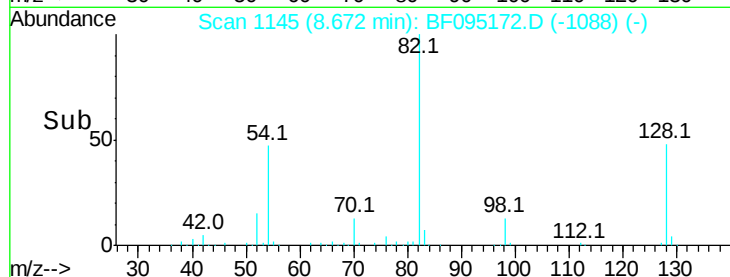
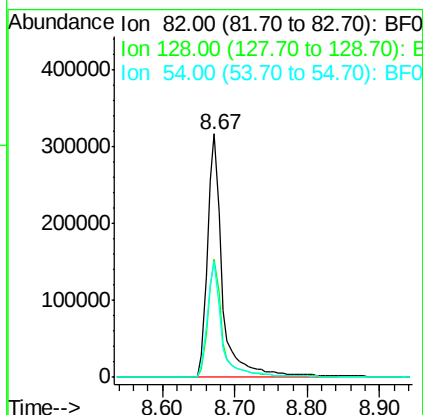
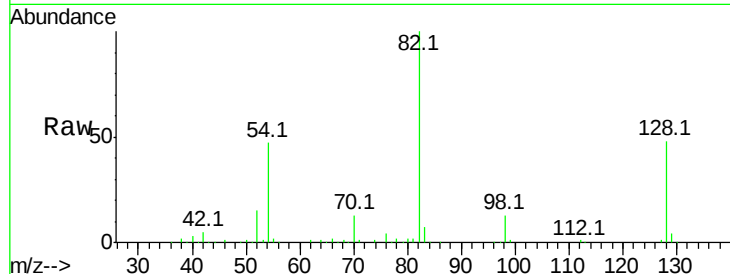




#23
 Nitrobenzene-d5
 Concen: 76.55 ng
 RT: 8.67 min Scan# 1145
 Delta R.T. 0.04 min
 Lab File: BF095172.D
 Acq: 16 May 2017 23:43

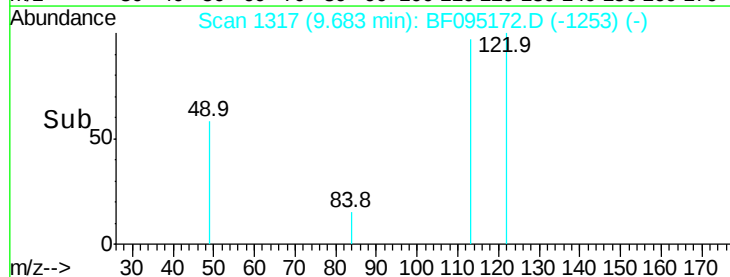
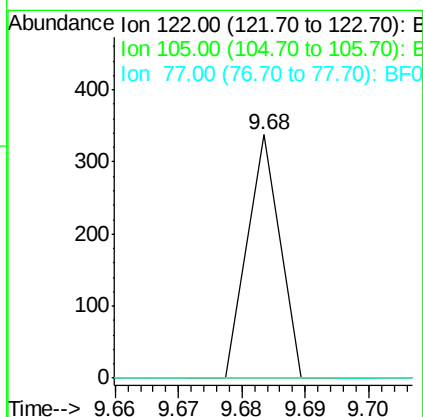
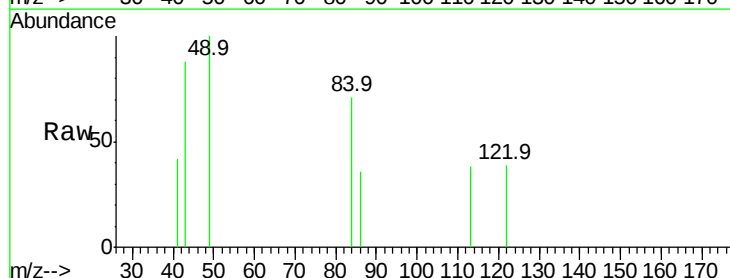
Instrument :
 BNA_F
 ClientSampleId :

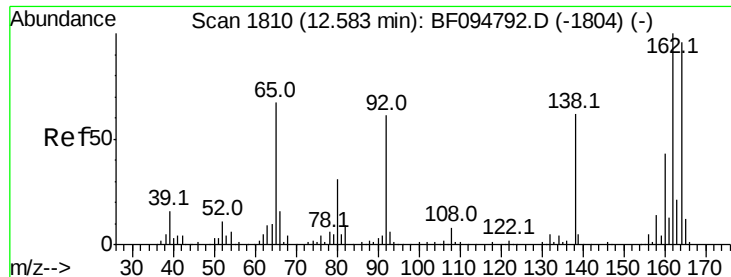
Tot Ion: 82 Resp: 457915
 Ion Ratio Lower Upper
 82 100
 128 48.3 34.0 51.0
 54 47.3 42.2 63.2



#32
 Benzoic acid
 Concen: 5.11 ng
 RT: 9.68 min Scan# 1317
 Delta R.T. 0.08 min
 Lab File: BF095172.D
 Acq: 16 May 2017 23:43

Tgt Ion:122 Resp: 119
 Ion Ratio Lower Upper
 122 100
 105 0.0 103.3 143.3#
 77 0.0 73.7 113.7#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.62 min Scan# 1816

Delta R.T. 0.04 min

Lab File: BF095172.D

Acq: 16 May 2017 23:43

Instrument :

BNA_F

ClientSampleId :

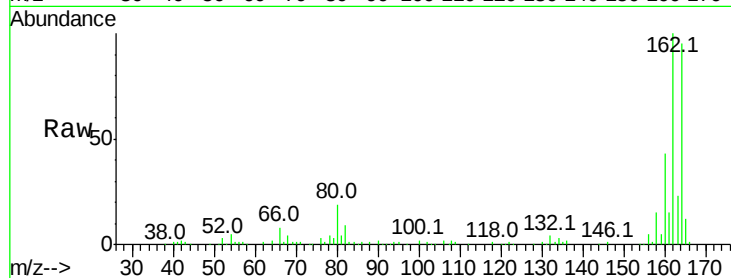
Tot Ion:164 Resp: 153933

Ion Ratio Lower Upper

164 100

162 105.4 82.6 123.8

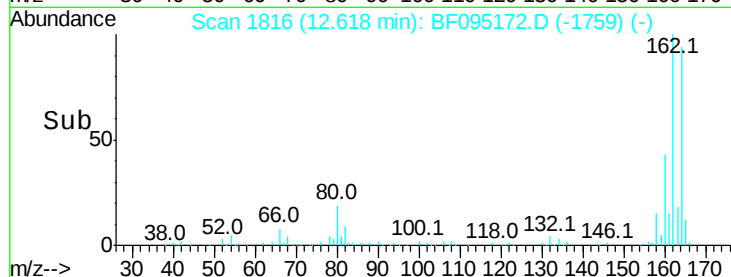
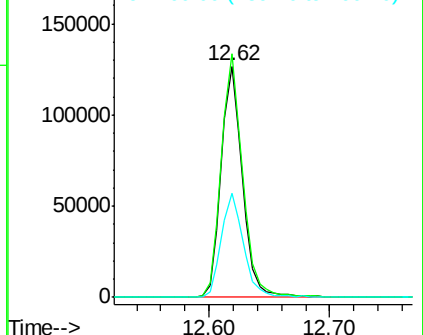
160 45.3 36.2 54.2



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: 87.28 ng

RT: 13.92 min Scan# 2037

Delta R.T. 0.04 min

Lab File: BF095172.D

Acq: 16 May 2017 23:43

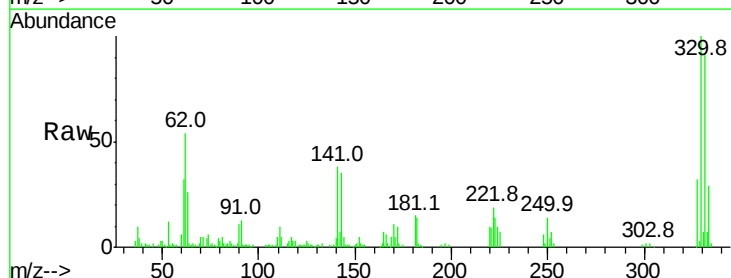
Tgt Ion:330 Resp: 110035

Ion Ratio Lower Upper

330 100

332 96.0 76.6 115.0

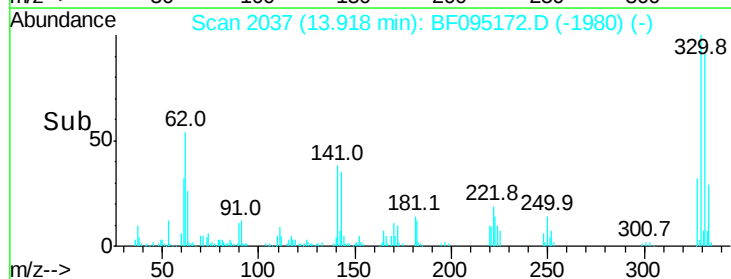
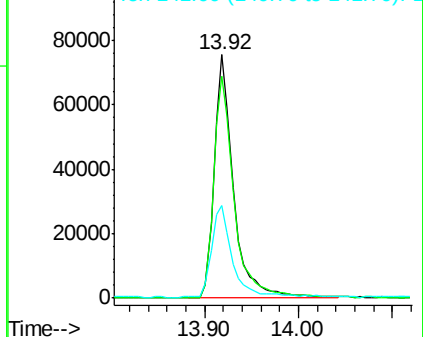
141 41.9 31.4 47.2



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

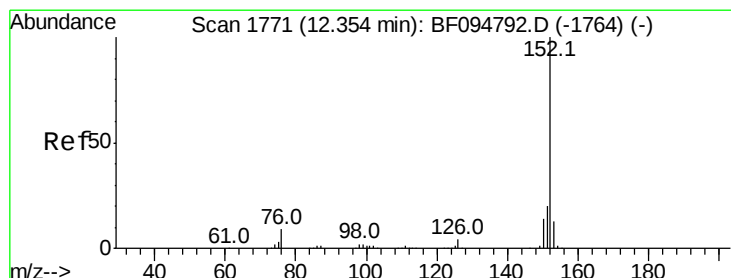
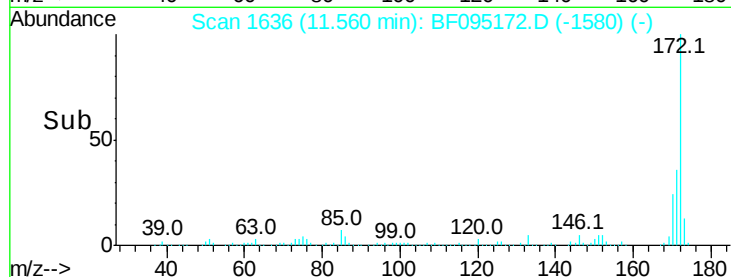
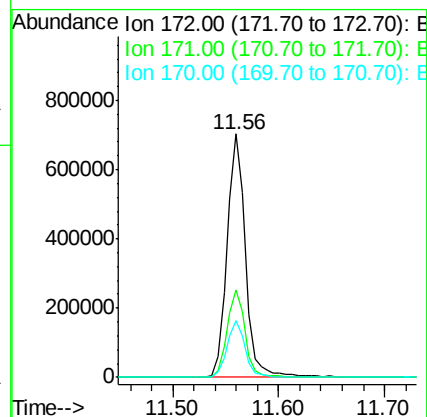
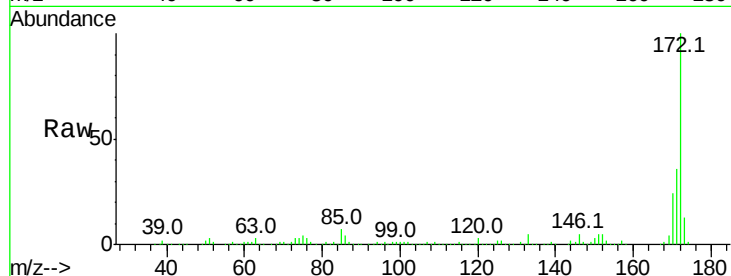




#44
 2-Fluorobiphenyl
 Concen: 79.87 ng
 RT: 11.56 min Scan# 1636
 Delta R.T. 0.03 min
 Lab File: BF095172.D
 Acq: 16 May 2017 23:43

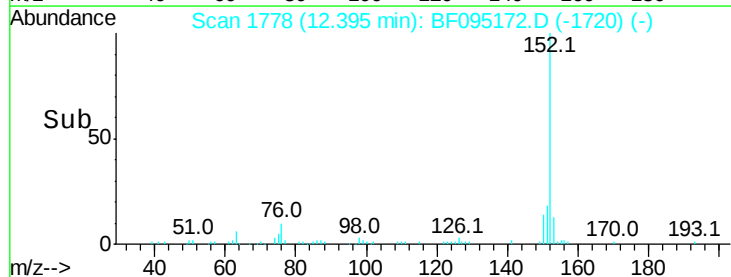
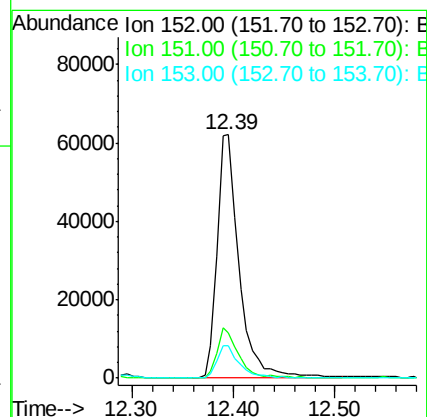
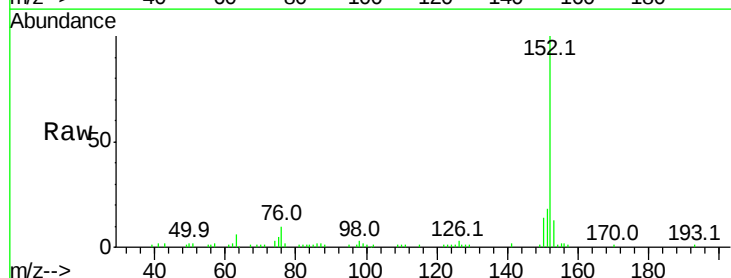
Instrument :
 BNA_F
 ClientSampleId :

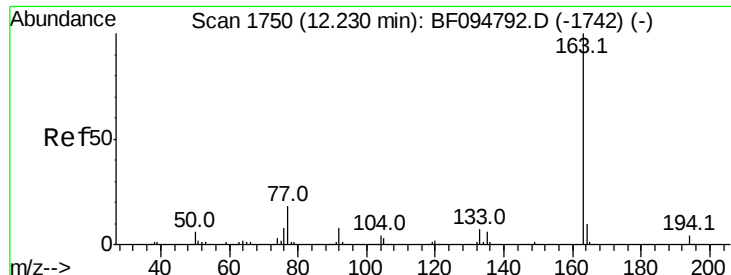
Tot Ion:172 Resp: 854134
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.6 44.4
 170 23.5 19.8 29.8



#48
 Acenaphthylene
 Concen: 5.74 ng
 RT: 12.39 min Scan# 1778
 Delta R.T. 0.04 min
 Lab File: BF095172.D
 Acq: 16 May 2017 23:43

Tgt Ion:152 Resp: 94149
 Ion Ratio Lower Upper
 152 100
 151 18.4 16.8 25.2
 153 13.4 10.8 16.2





#49

Dimethylphthalate

Concen: 10.08 ng

RT: 12.25 min Scan# 1754

Delta R.T. 0.02 min

Lab File: BF095172.D

Acq: 16 May 2017 23:43

Instrument :

BNA_F

ClientSampleId :

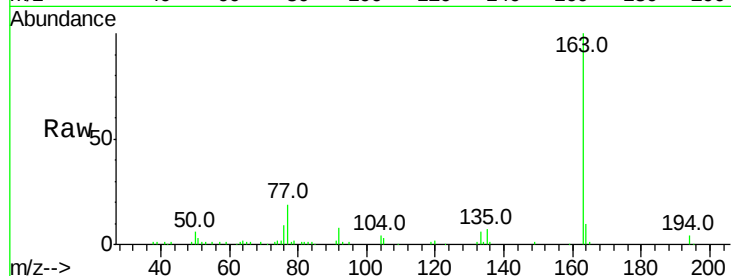
Tot Ion:163 Resp: 127384

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

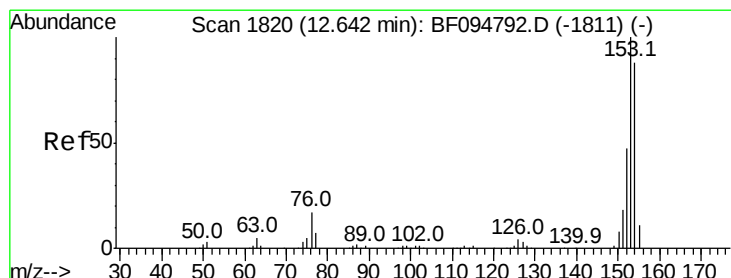
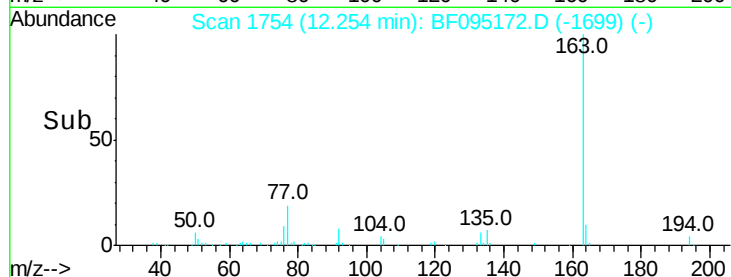
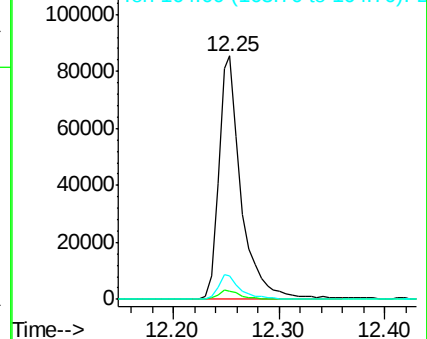
164 9.9 8.4 12.6



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



#51

Acenaphthene

Concen: 3.60 ng

RT: 12.67 min Scan# 1825

Delta R.T. 0.03 min

Lab File: BF095172.D

Acq: 16 May 2017 23:43

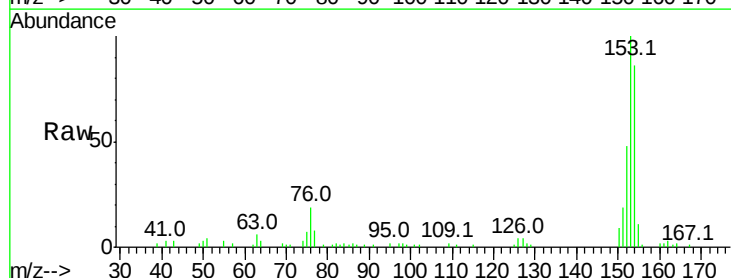
Tgt Ion:154 Resp: 35266

Ion Ratio Lower Upper

154 100

153 116.4 90.5 135.7

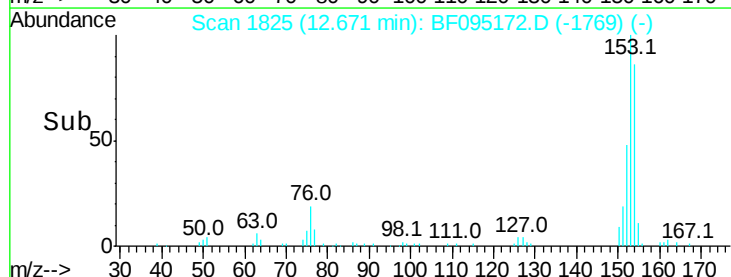
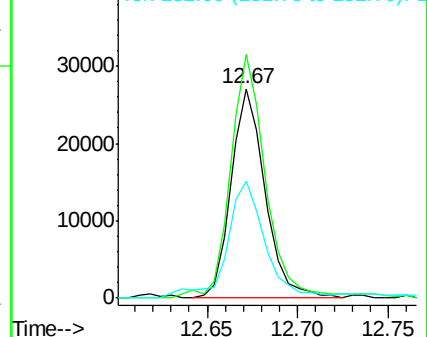
152 55.8 43.6 65.4

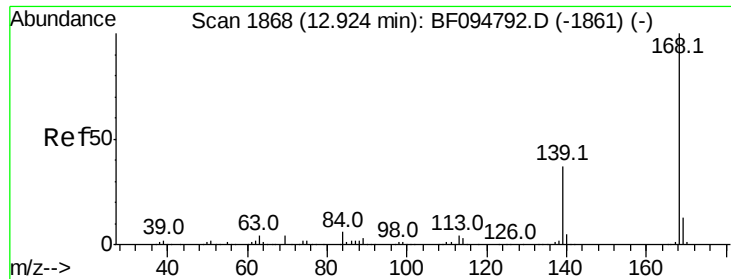


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzofuran

Concen: 2.94 ng

RT: 12.97 min Scan# 1875

Delta R.T. 0.04 min

Lab File: BF095172.D

Acq: 16 May 2017 23:43

Instrument :

BNA_F

ClientSampleId :

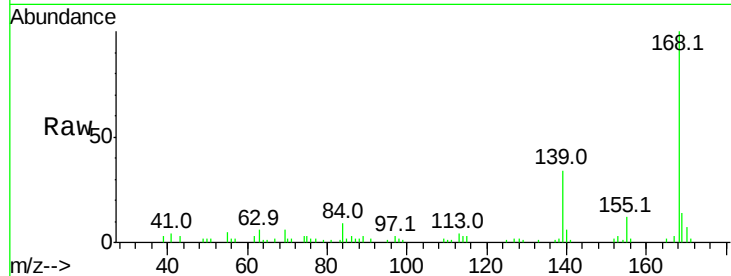
Tot Ion:168 Resp: 39811

Ion Ratio Lower Upper

168 100

139 34.0 30.6 45.8

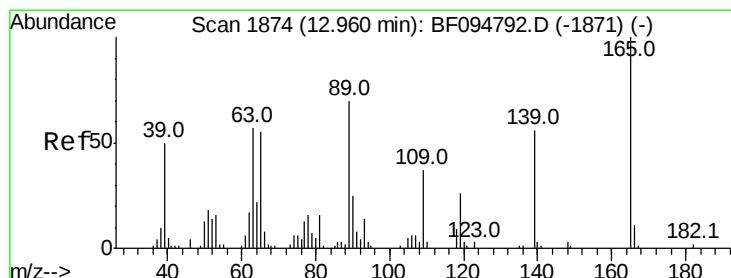
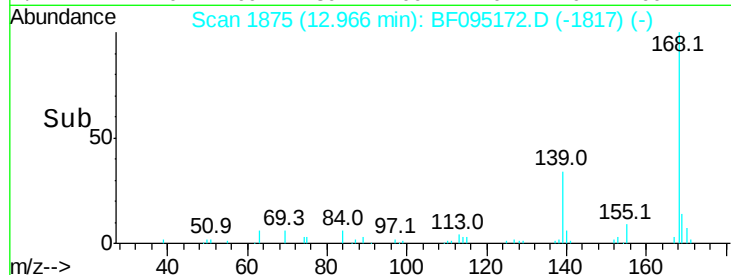
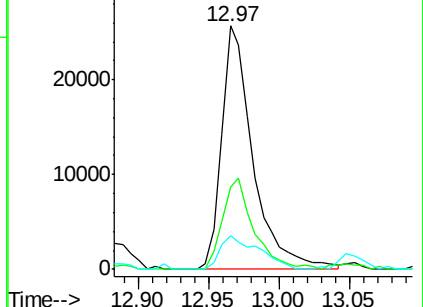
169 14.0 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 8.85 ng

RT: 12.97 min Scan# 1876

Delta R.T. 0.01 min

Lab File: BF095172.D

Acq: 16 May 2017 23:43

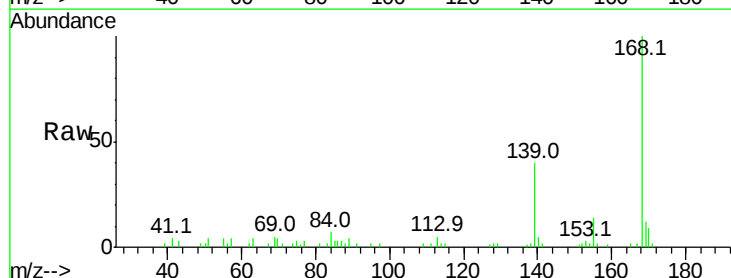
Tgt Ion:139 Resp: 14715

Ion Ratio Lower Upper

139 100

109 4.2 34.1 74.1#

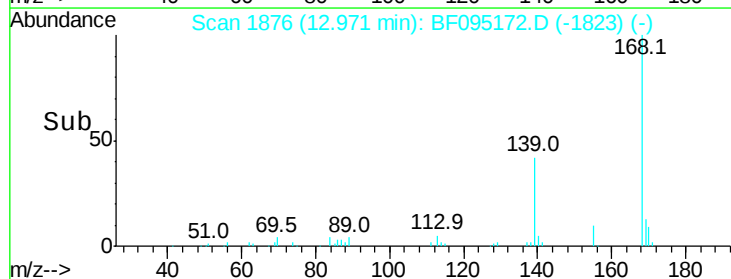
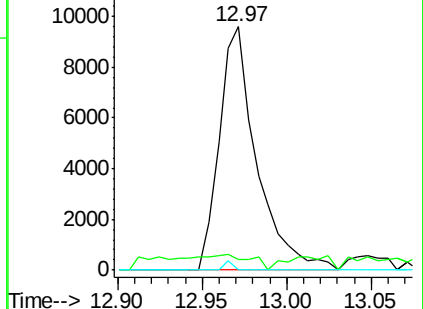
65 0.0 31.4 71.4#

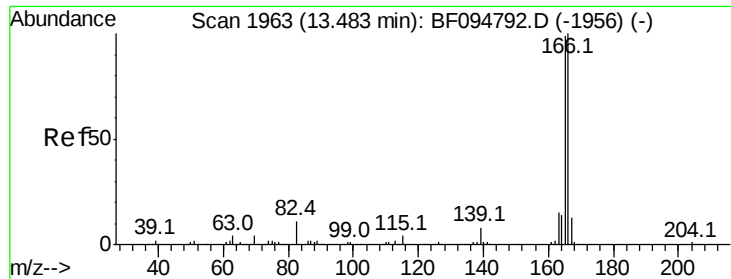


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

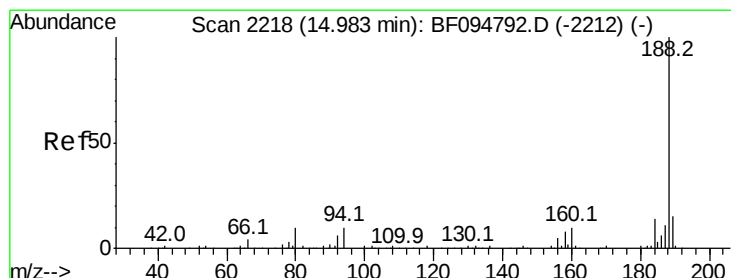
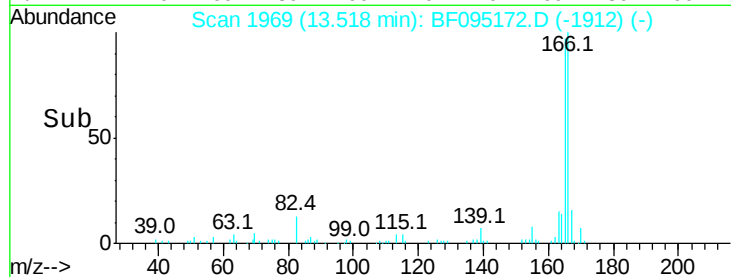
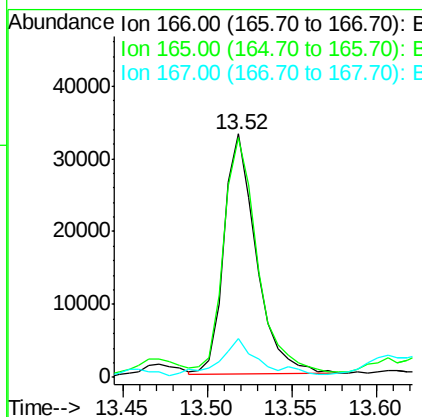
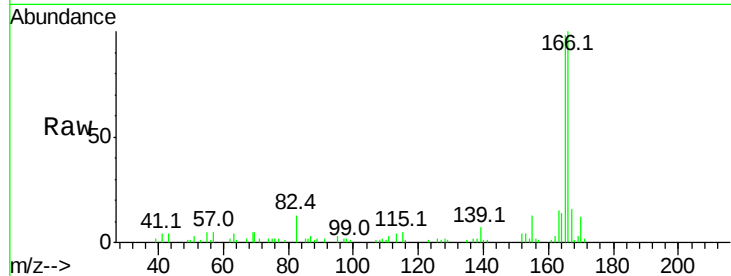




#57
Fluorene
 Concen: 3.74 ng
 RT: 13.52 min Scan# 1969
 Delta R.T. 0.04 min
 Lab File: BF095172.D
 Acq: 16 May 2017 23:43

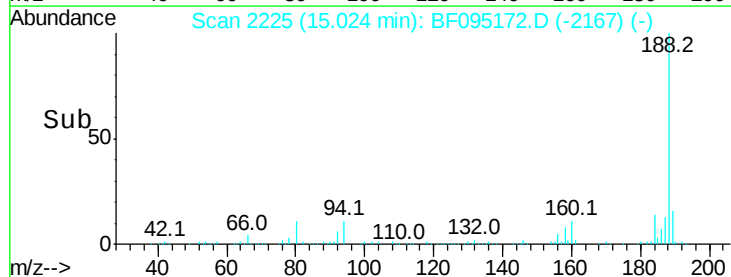
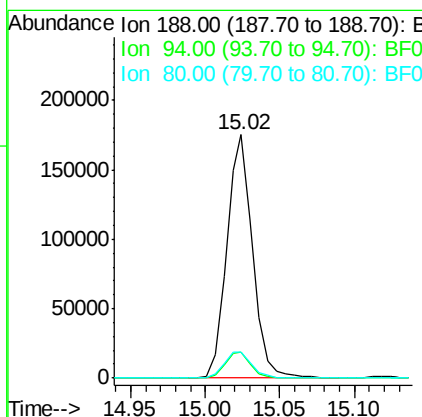
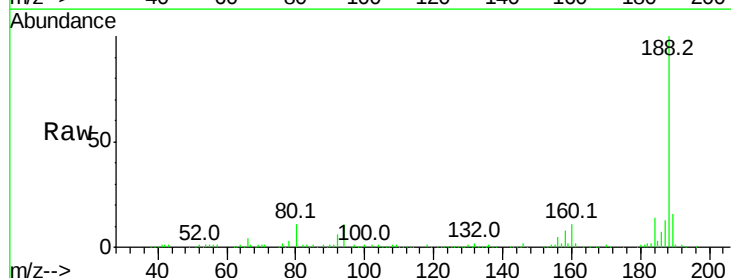
Instrument :
 BNA_F
 ClientSampleId :

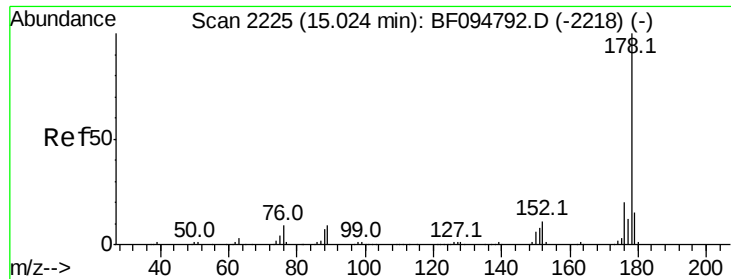
Tot Ion:166 Resp: 44013
 Ion Ratio Lower Upper
 166 100
 165 98.5 78.8 118.2
 167 16.0 10.6 16.0#



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2225
 Delta R.T. 0.04 min
 Lab File: BF095172.D
 Acq: 16 May 2017 23:43

Tgt Ion:188 Resp: 211528
 Ion Ratio Lower Upper
 188 100
 94 10.9 9.4 14.2
 80 10.6 10.2 15.2





#70

Phenanthrene

Concen: 62.91 ng

RT: 15.07 min Scan# 2232

Delta R.T. 0.04 min

Lab File: BF095172.D

Acq: 16 May 2017 23:43

Instrument :

BNA_F

ClientSampleId :

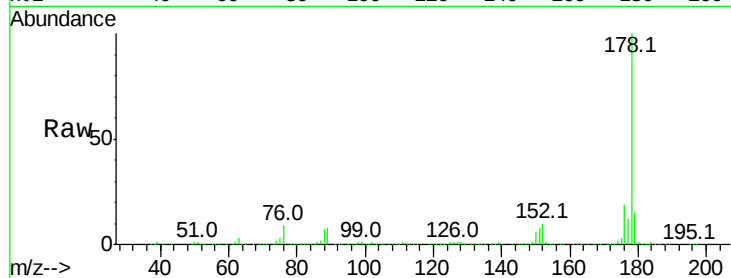
Tot Ion:178 Resp: 764537

Ion Ratio Lower Upper

178 100

176 19.4 16.2 24.4

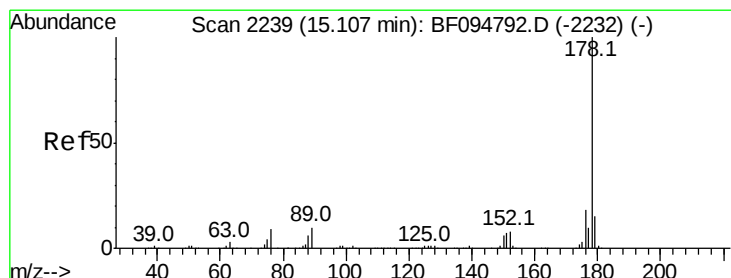
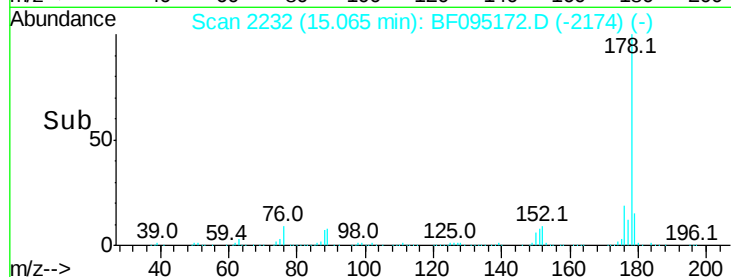
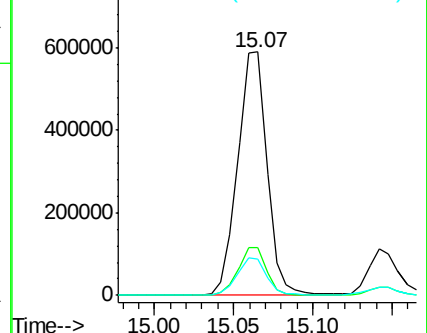
179 15.1 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 11.90 ng

RT: 15.14 min Scan# 2245

Delta R.T. 0.04 min

Lab File: BF095172.D

Acq: 16 May 2017 23:43

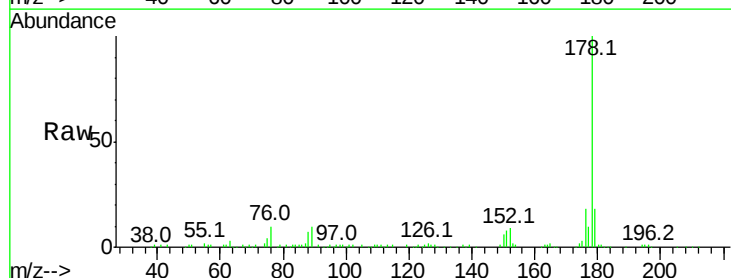
Tgt Ion:178 Resp: 147702

Ion Ratio Lower Upper

178 100

176 18.4 15.8 23.8

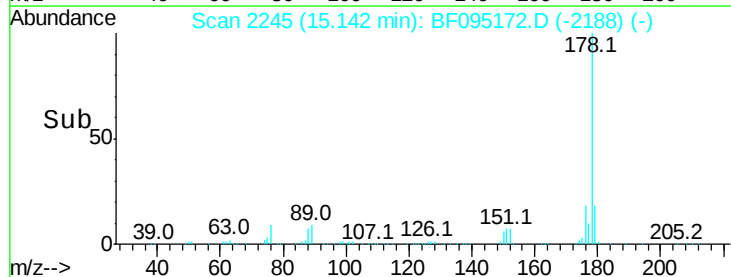
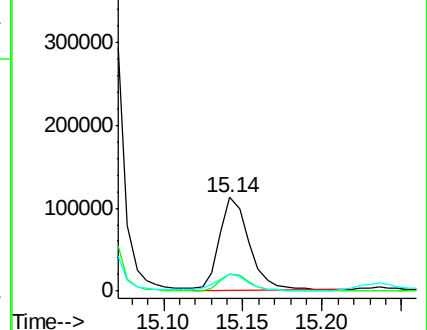
179 18.4 12.7 19.1

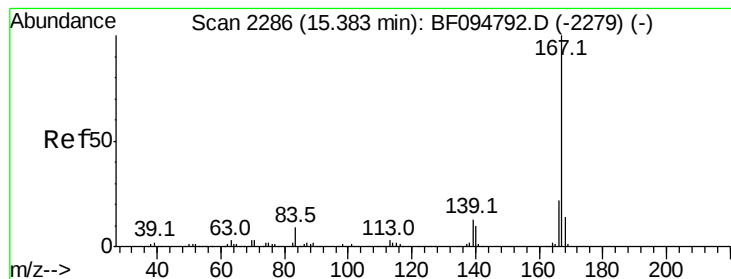


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 5.31 ng

RT: 15.43 min Scan# 2294

Delta R.T. 0.05 min

Lab File: BF095172.D

Acq: 16 May 2017 23:43

Instrument :

BNA_F

ClientSampled :

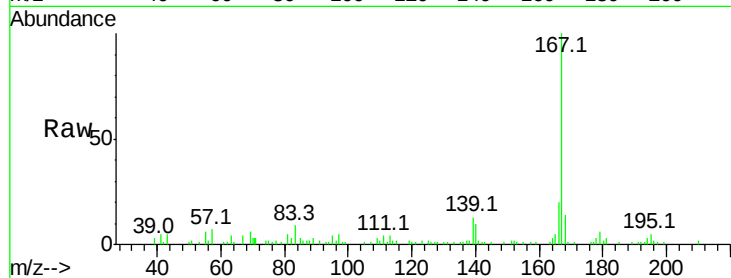
Tot Ion:167 Resp: 59937

Ion Ratio Lower Upper

167 100

166 20.4 18.1 27.1

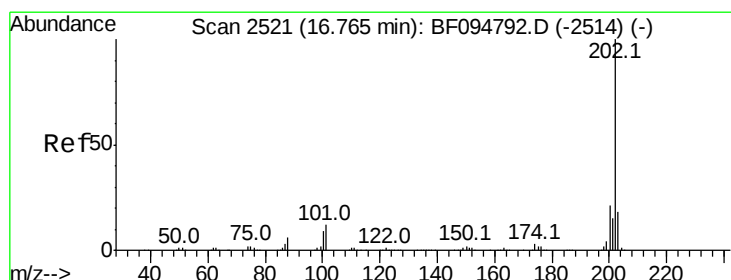
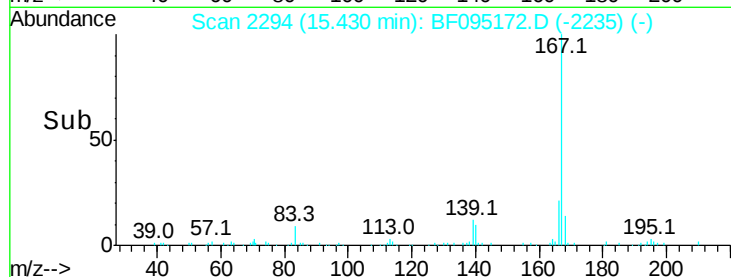
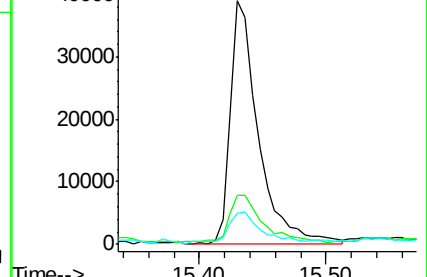
139 12.8 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 84.53 ng

RT: 16.81 min Scan# 2528

Delta R.T. 0.04 min

Lab File: BF095172.D

Acq: 16 May 2017 23:43

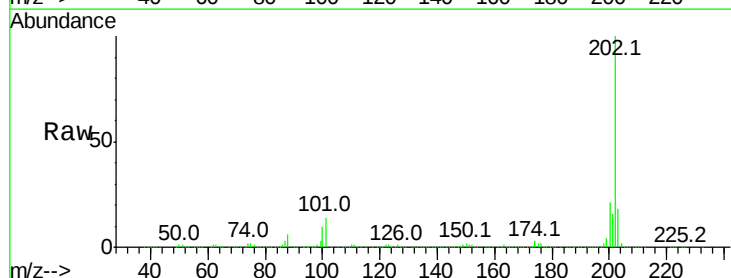
Tgt Ion:202 Resp: 1053885

Ion Ratio Lower Upper

202 100

101 13.6 0.0 33.2

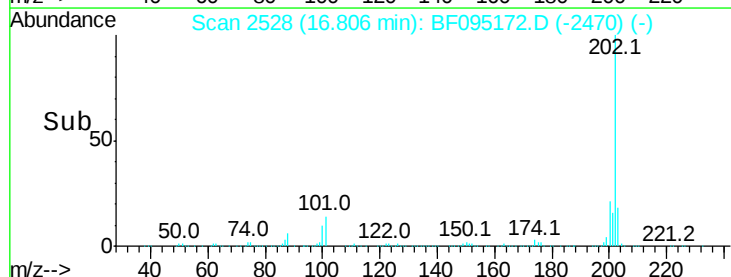
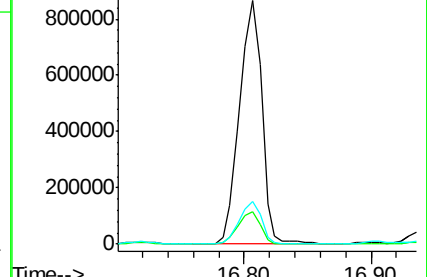
203 17.6 0.0 38.1

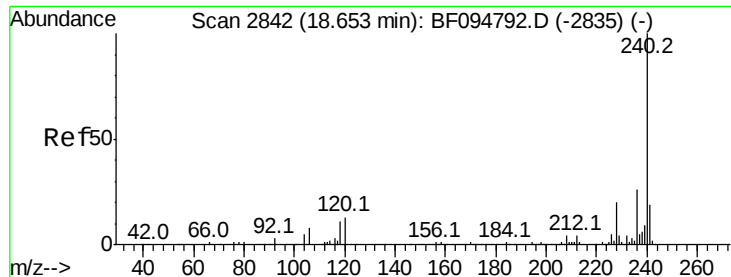


Abundance Ion 202.00 (201.70 to 202.70): E

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: 18.69 min Scan# 2849

Delta R.T. 0.04 min

Lab File: BF095172.D

Acq: 16 May 2017 23:43

Instrument :

BNA_F

ClientSampled :

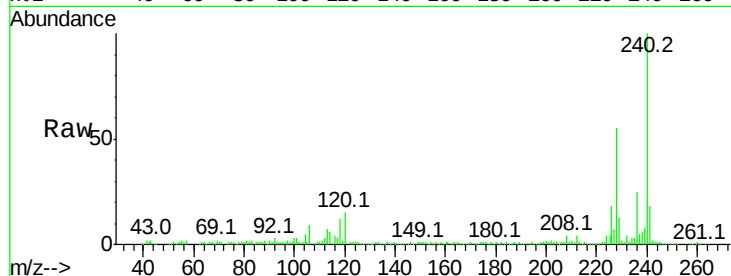
Tot Ion:240 Resp: 191179

Ion Ratio Lower Upper

240 100

120 14.8 5.8 8.8#

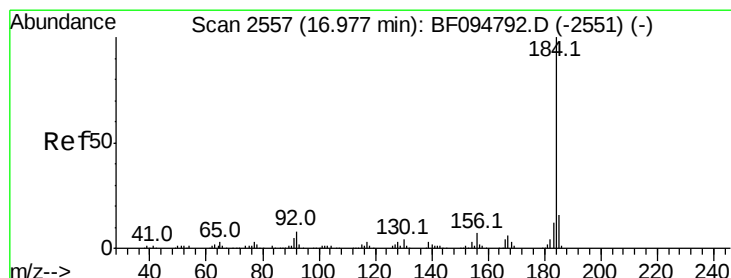
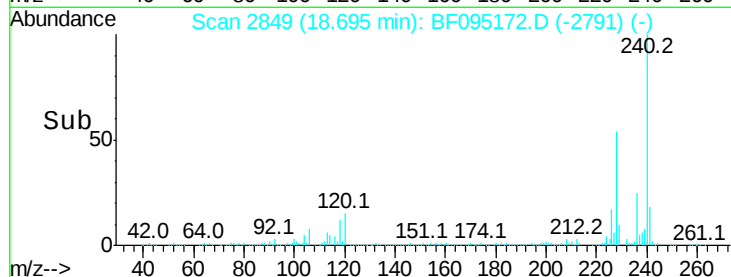
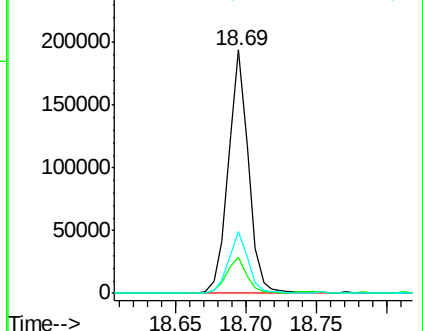
236 25.3 20.5 30.7



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



#76

Benzidine

Concen: 6.68 ng

RT: 17.03 min Scan# 2566

Delta R.T. 0.05 min

Lab File: BF095172.D

Acq: 16 May 2017 23:43

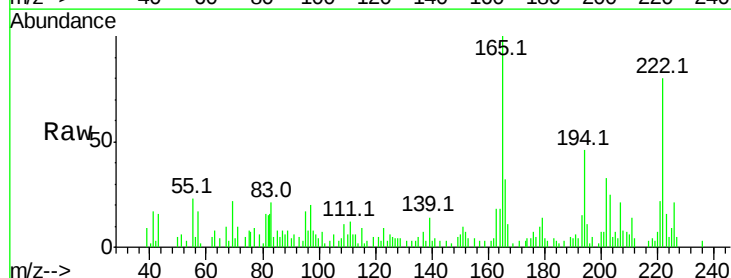
Tgt Ion:184 Resp: 530

Ion Ratio Lower Upper

184 100

185 75.1 15.5 23.3#

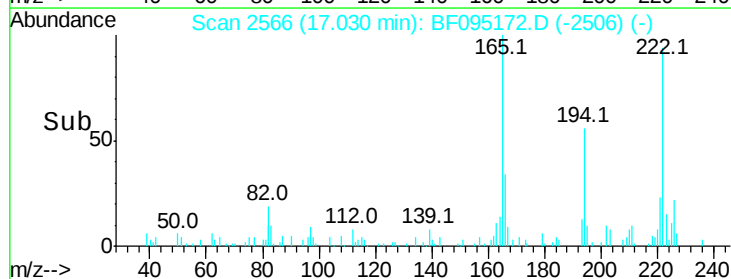
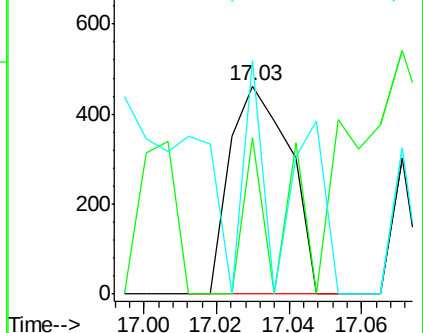
183 112.1 9.8 14.6#

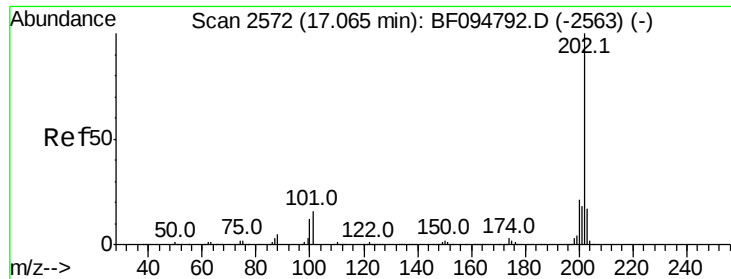


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 65.28 ng

RT: 17.11 min Scan# 2580

Delta R.T. 0.05 min

Lab File: BF095172.D

Acq: 16 May 2017 23:43

Instrument :

BNA_F

ClientSampleId :

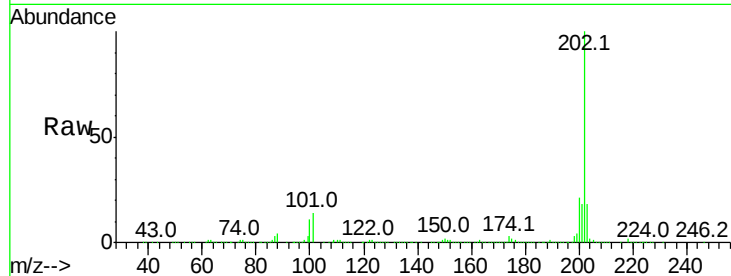
Tot Ion:202 Resp: 933439

Ion Ratio Lower Upper

202 100

200 21.0 17.6 26.4

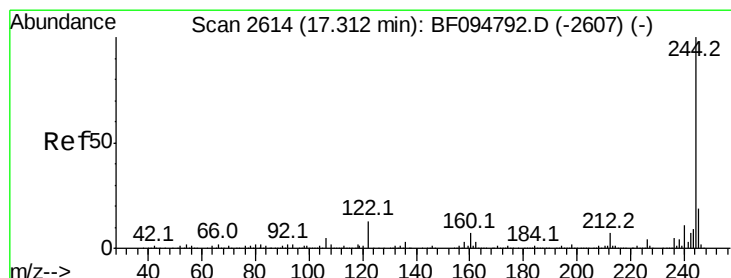
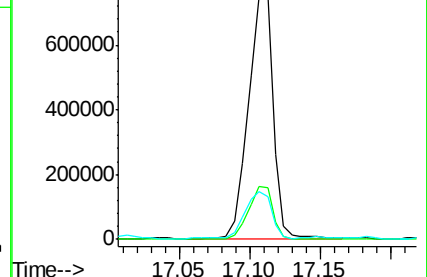
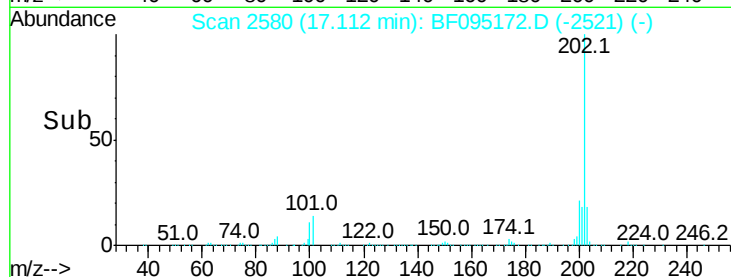
203 17.7 14.4 21.6



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: 59.80 ng

RT: 17.34 min Scan# 2619

Delta R.T. 0.03 min

Lab File: BF095172.D

Acq: 16 May 2017 23:43

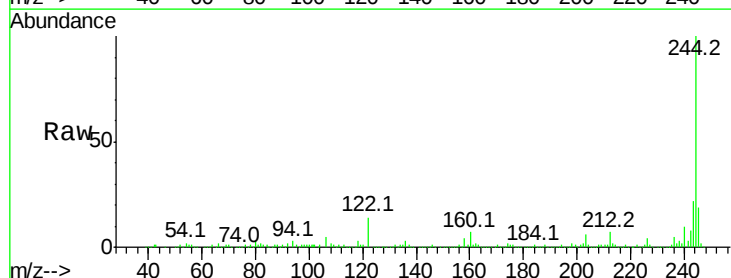
Tgt Ion:244 Resp: 519096

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

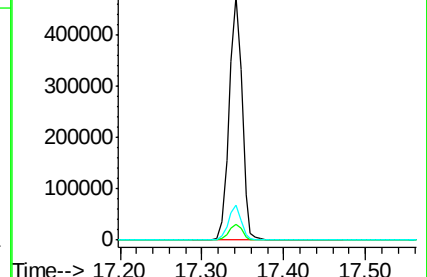
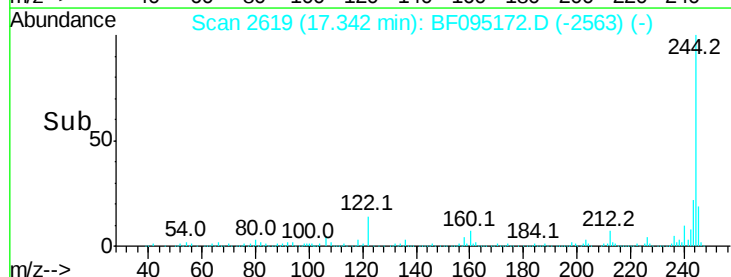
122 14.2 10.3 15.5

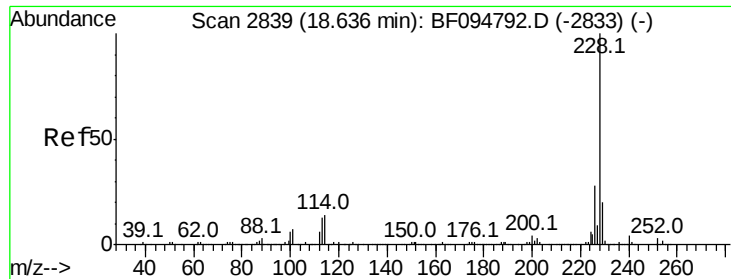


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 41.88 ng

RT: 18.68 min Scan# 2847

Delta R.T. 0.05 min

Lab File: BF095172.D

Acq: 16 May 2017 23:43

Instrument :

BNA_F

ClientSampleId :

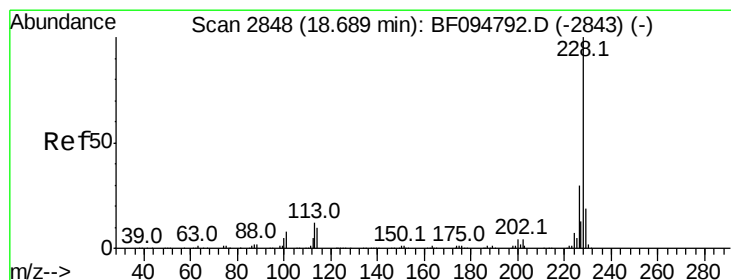
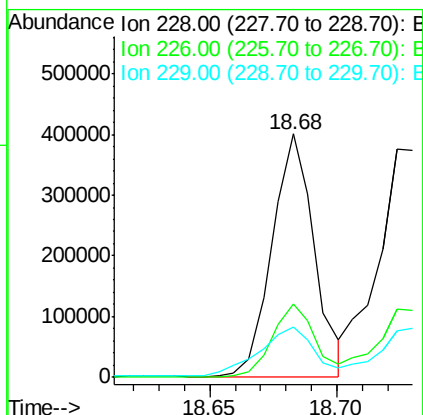
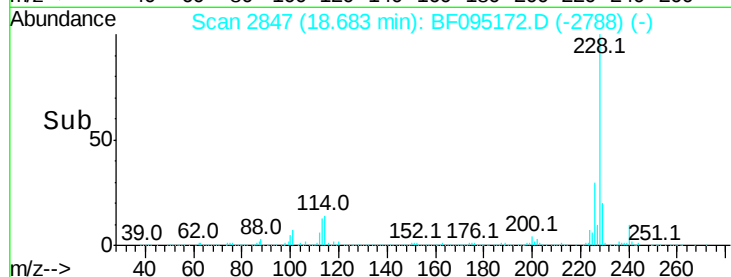
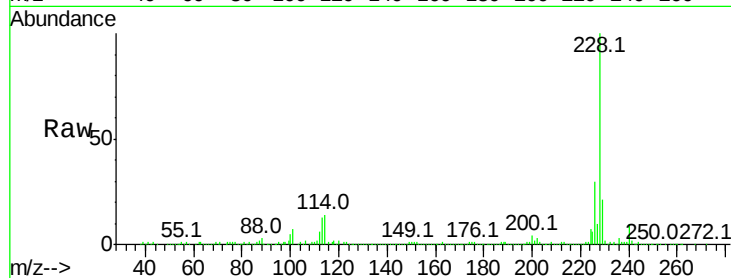
Tot Ion:228 Resp: 466003

Ion Ratio Lower Upper

228 100

226 30.1 22.6 33.8

229 20.7 16.3 24.5



#82

Chrysene

Concen: 46.34 ng

RT: 18.72 min Scan# 2854

Delta R.T. 0.04 min

Lab File: BF095172.D

Acq: 16 May 2017 23:43

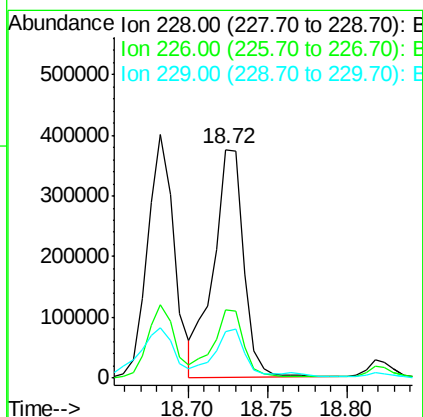
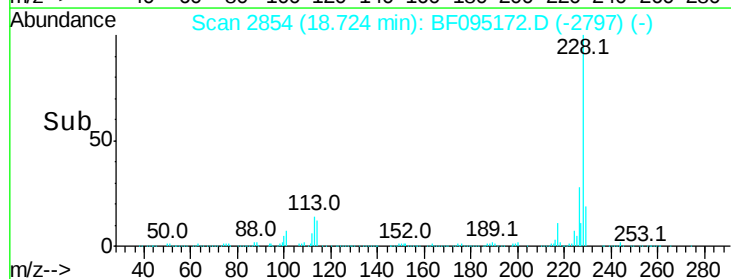
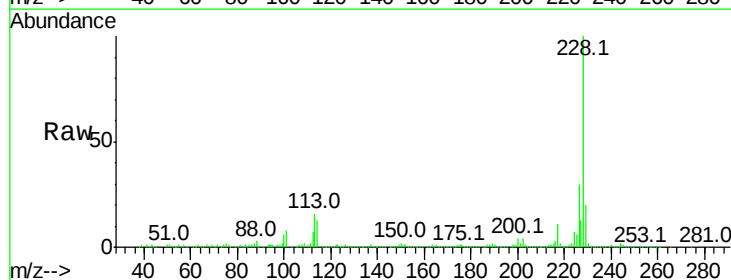
Tgt Ion:228 Resp: 498564

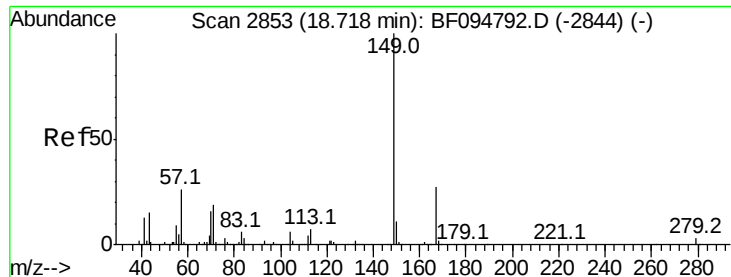
Ion Ratio Lower Upper

228 100

226 29.9 24.9 37.3

229 20.3 15.8 23.6

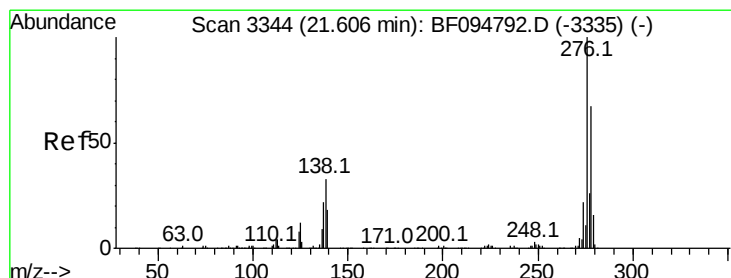
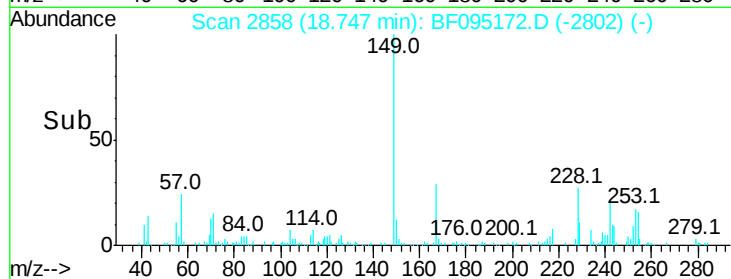
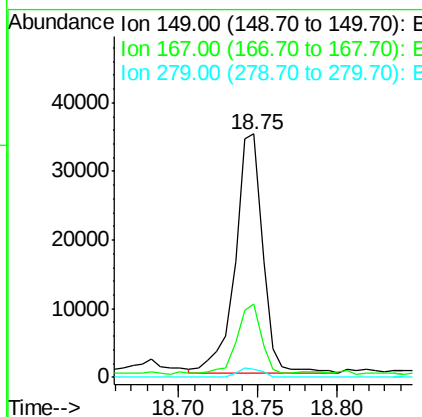
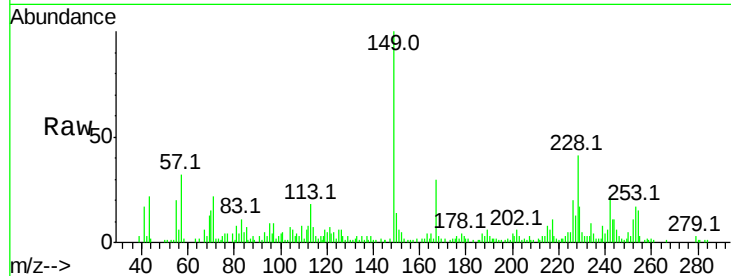




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.43 ng
 RT: 18.75 min Scan# 2858
 Delta R.T. 0.03 min
 Lab File: BF095172.D
 Acq: 16 May 2017 23:43

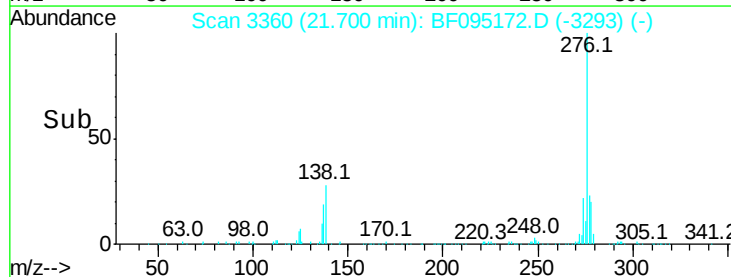
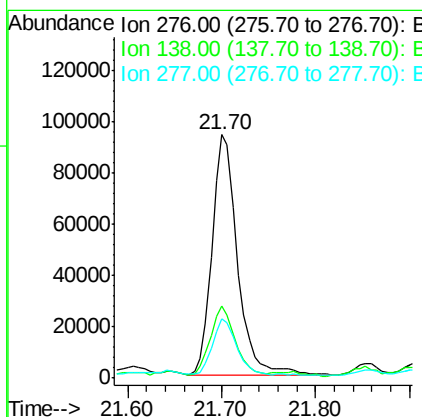
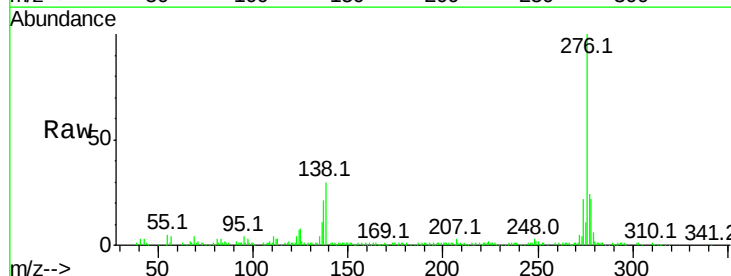
Instrument :
 BNA_F
 ClientSampleId :

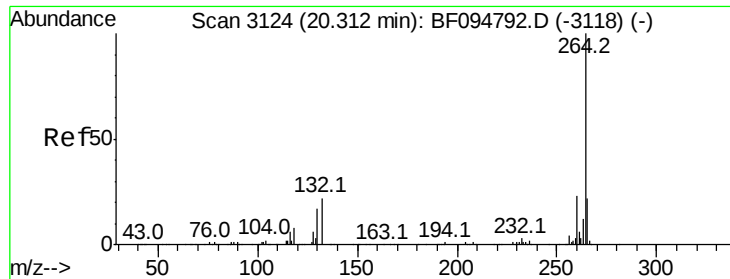
Tot Ion:149 Resp: 41945
 Ion Ratio Lower Upper
 149 100
 167 30.0 21.0 31.4
 279 3.1 1.9 2.9#



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 20.29 ng
 RT: 21.70 min Scan# 3360
 Delta R.T. 0.09 min
 Lab File: BF095172.D
 Acq: 16 May 2017 23:43

Tgt Ion:276 Resp: 177233
 Ion Ratio Lower Upper
 276 100
 138 28.0 27.8 41.6
 277 22.3 20.2 30.4



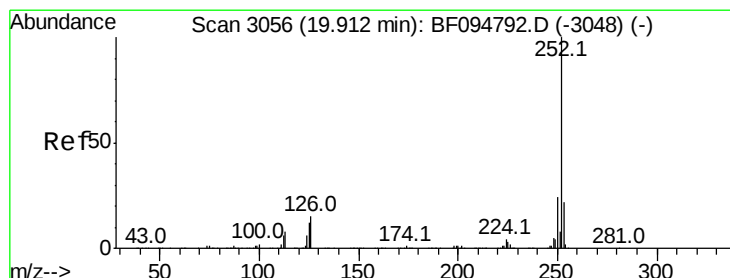
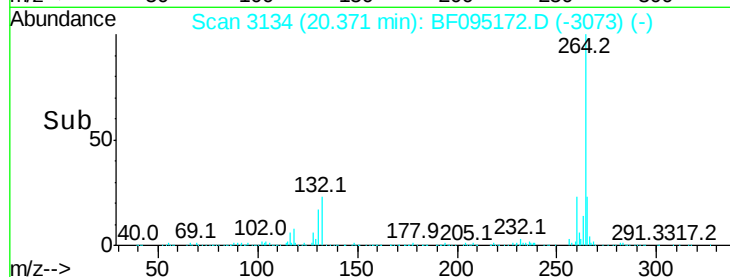
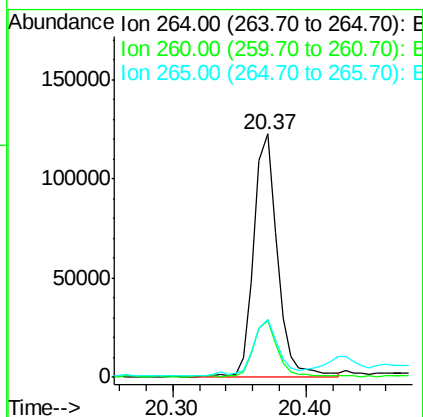
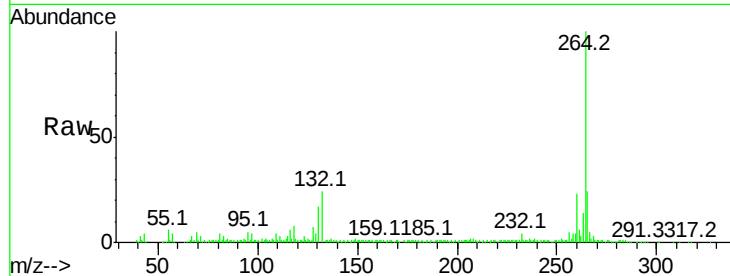


#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.37 min Scan# 3134
Delta R.T. 0.06 min
Lab File: BF095172.D
Acq: 16 May 2017 23:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 148009

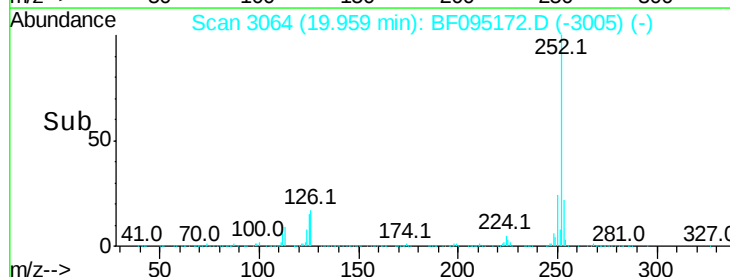
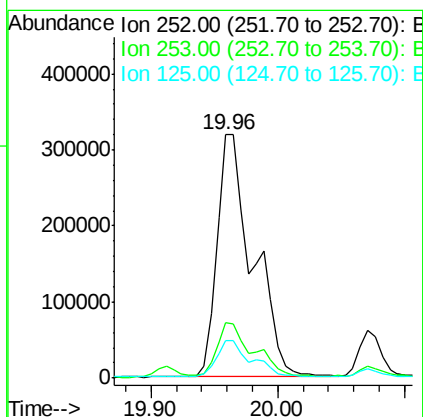
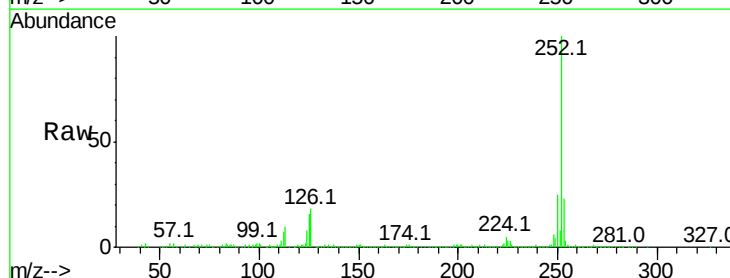
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	24.0	17.2	25.8

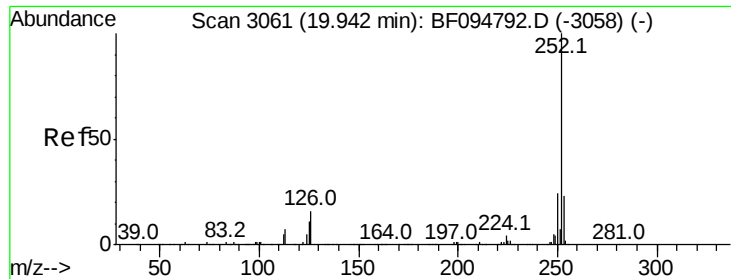


#87
Benzo(b)fluoranthene
Concen: 68.77 ng
RT: 19.96 min Scan# 3064
Delta R.T. 0.05 min
Lab File: BF095172.D
Acq: 16 May 2017 23:43

Tgt Ion:252 Resp: 628976

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	15.5	9.8	14.8

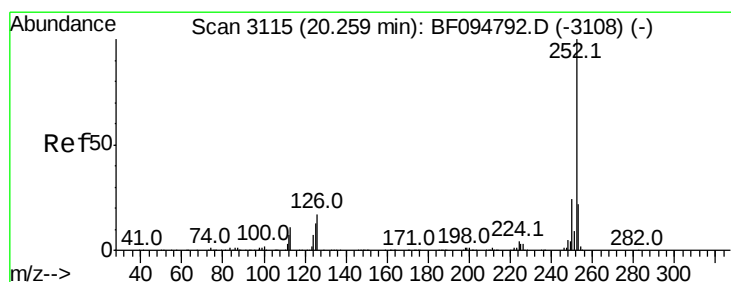
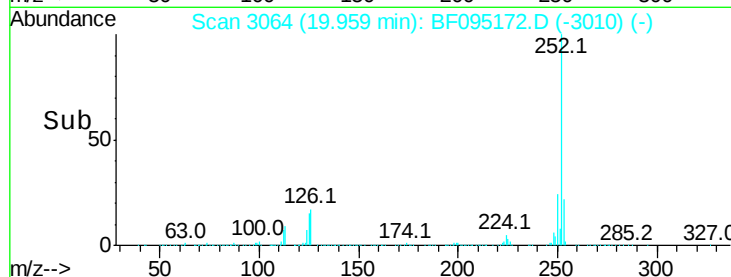
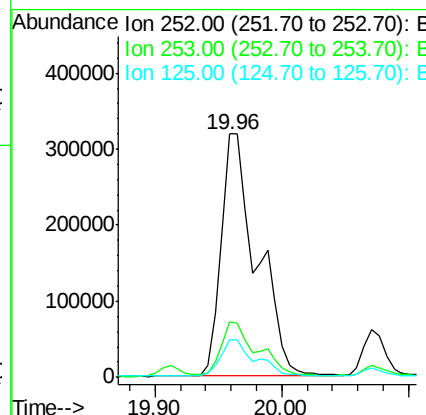
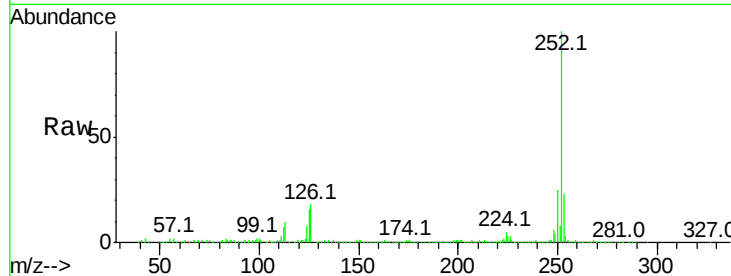




#88
Benzo(k)fluoranthene
Concen: 71.30 ng
RT: 19.96 min Scan# 3064
Delta R.T. 0.02 min
Lab File: BF095172.D
Acq: 16 May 2017 23:43

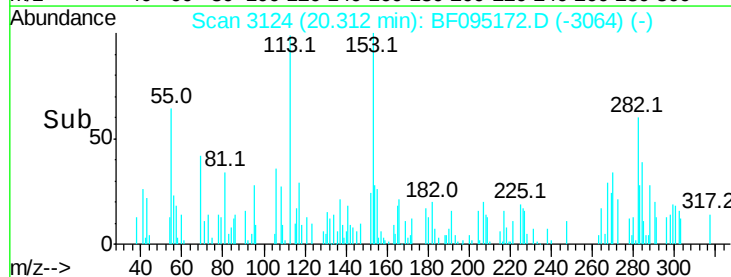
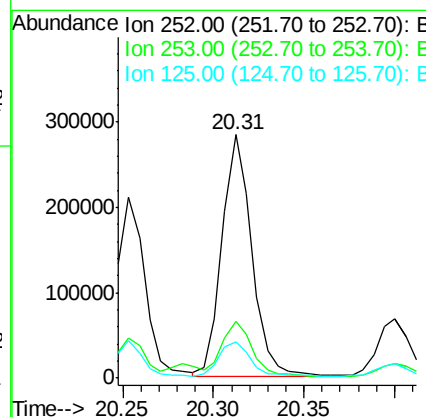
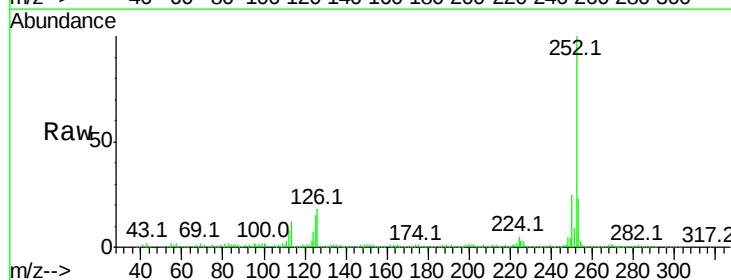
Instrument :
BNA_F
ClientSampleId :

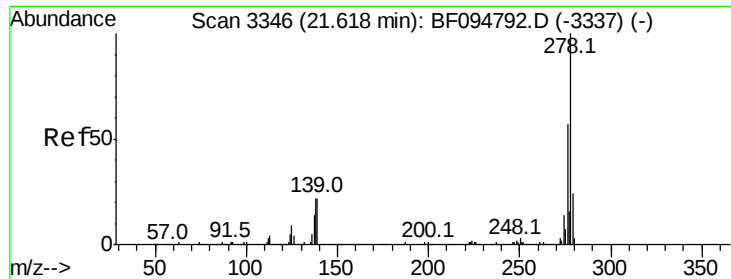
Tot Ion:252 Resp: 628976
Ion Ratio Lower Upper
252 100
253 22.7 18.4 27.6
125 15.5 13.1 19.7



#89
Benzo(a)pyrene
Concen: 38.68 ng
RT: 20.31 min Scan# 3124
Delta R.T. 0.05 min
Lab File: BF095172.D
Acq: 16 May 2017 23:43

Tgt Ion:252 Resp: 326466
Ion Ratio Lower Upper
252 100
253 23.4 17.5 26.3
125 14.8 11.0 16.4





#90

Dibenzo(a,h)anthracene

Concen: 3.29 ng

RT: 21.91 min Scan# 3395

Delta R.T. 0.29 min

Lab File: BF095172.D

Acq: 16 May 2017 23:43

Instrument :

BNA_F

ClientSampled :

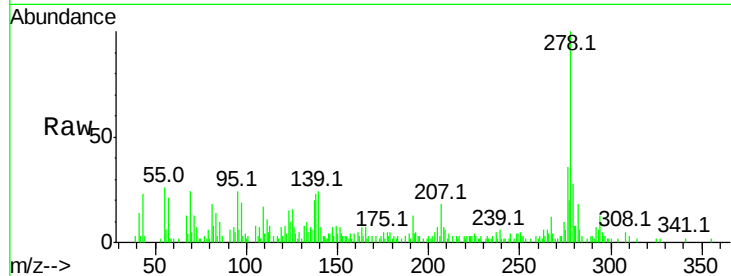
Tot Ion:278 Resp: 22962

Ion Ratio Lower Upper

278 100

139 24.1 16.6 24.8

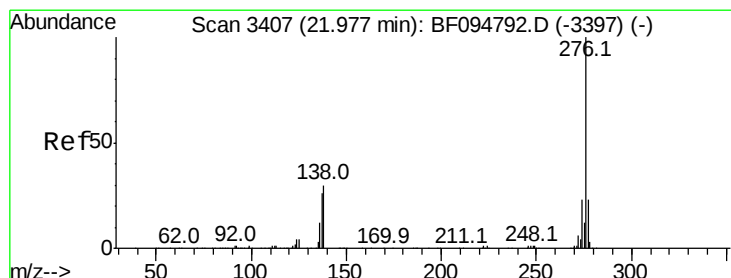
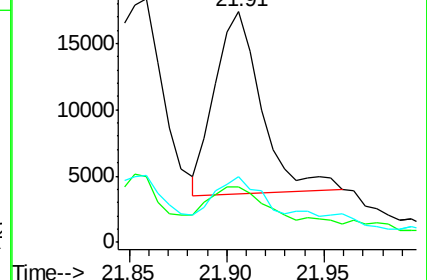
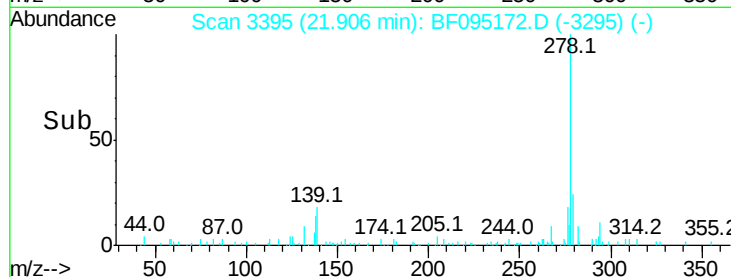
279 28.3 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 24.84 ng

RT: 22.09 min Scan# 3426

Delta R.T. 0.11 min

Lab File: BF095172.D

Acq: 16 May 2017 23:43

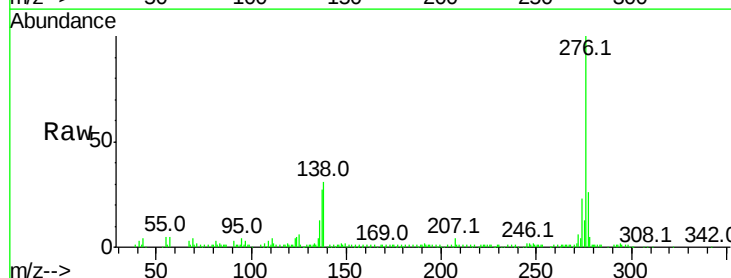
Tgt Ion:276 Resp: 169890

Ion Ratio Lower Upper

276 100

277 25.9 18.6 28.0

138 30.9 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

