

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
 Data File : BF095202.D
 Acq On : 18 May 2017 00:24
 Operator : SJ/MA
 Sample : I3172-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 18 04:13:46 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	7.77	152	94665	20.00	ng	0.04
21) Naphthalene-d8	9.79	136	371896	20.00	ng	0.04
38) Acenaphthene-d10	12.62	164	144557	20.00	ng	0.04
63) Phenanthrene-d10	15.02	188	237718	20.00	ng	0.04
75) Chrysene-d12	18.69	240	159904	20.00	ng	0.04
86) Perylene-d12	20.37	264	160096	20.00	ng	0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.77	112	824853	145.27	ng	0.09
7) Phenol-d6	7.34	99	1045662	153.49	ng	0.06
23) Nitrobenzene-d5	8.68	82	612392	103.84	ng	0.04
41) 2,4,6-Tribromophenol	13.92	330	169703	143.35	ng	0.04
44) 2-Fluorobiphenyl	11.56	172	865134	86.14	ng	0.03
78) Terphenyl-d14	17.34	244	549036	75.63	ng	0.03

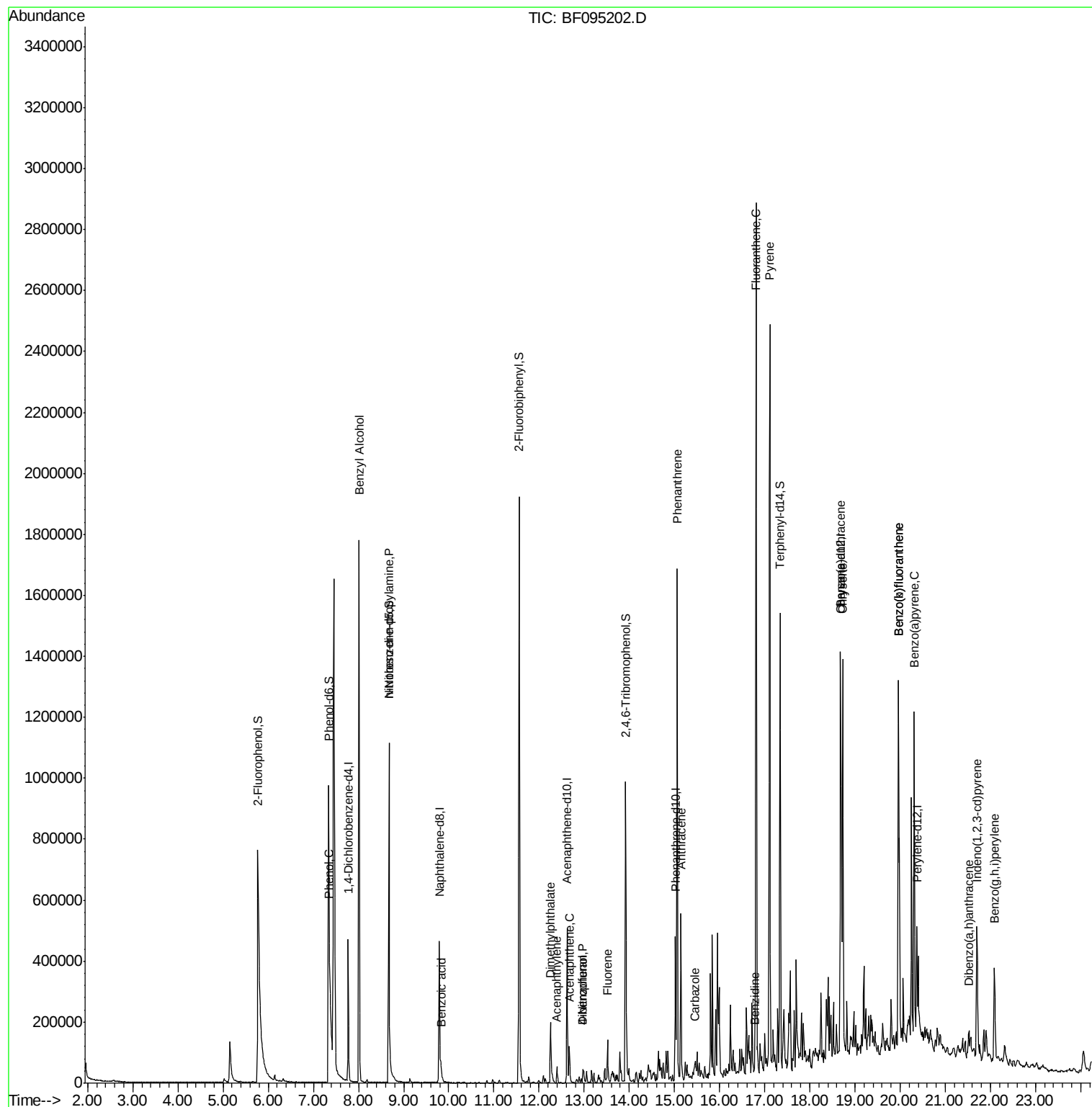
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	7.36	94	18527	2.58	ng	# 24
15) Benzyl Alcohol	8.01	79	9495	2.17	ng	# 44
19) n-Nitroso-di-n-propylamine	8.67	70	77676	16.86	ng	# 76
32) Benzoic acid	9.85	122	109	5.11	ng	# 1
48) Acenaphthylene	12.39	152	38007	2.47	ng	100
49) Dimethylphthalate	12.25	163	148103	12.48	ng	99
51) Acenaphthene	12.67	154	40495	4.40	ng	95
54) Dibenzofuran	12.97	168	28015	2.20	ng	97
55) 4-Nitrophenol	12.97	139	9802	6.28	ng	# 25
57) Fluorene	13.52	166	46476	4.20	ng	99
70) Phenanthrene	15.07	178	896796	65.66	ng	98
71) Anthracene	15.14	178	309282	22.17	ng	98
72) Carbazole	15.44	167	31556	2.49	ng	97
74) Fluoranthene	16.81	202	1581263	112.86	ng	99
76) Benzidine	16.77	184	110	6.61	ng	# 62
77) Pyrene	17.11	202	1331430	111.33	ng	97
80) Benzo(a)anthracene	18.68	228	605592	65.07	ng	100
82) Chrysene	18.73	228	532159	59.14	ng	98
85) Indeno(1,2,3-cd)pyrene	21.70	276	252692	34.58	ng	93
87) Benzo(b)fluoranthene	19.96	252	894274	90.40	ng	98
88) Benzo(k)fluoranthene	19.96	252	894274	93.72	ng	96
89) Benzo(a)pyrene	20.31	252	472585	51.77	ng	98
90) Dibenzo(a,h)anthracene	21.52	278	51382	6.82	ng	95
91) Benzo(g,h,i)perylene	22.09	276	231115	31.24	ng	95

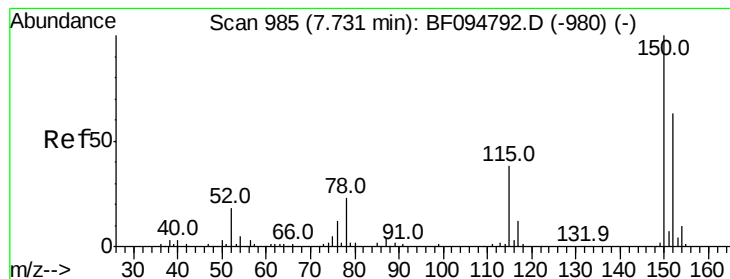
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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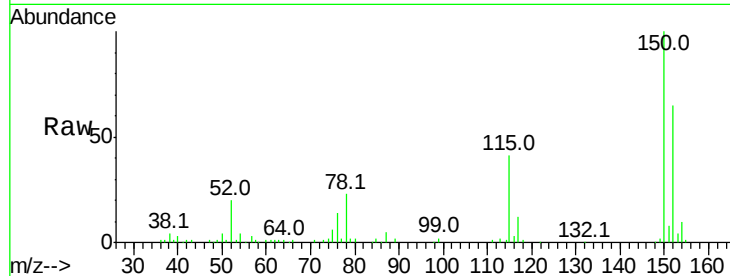


#1

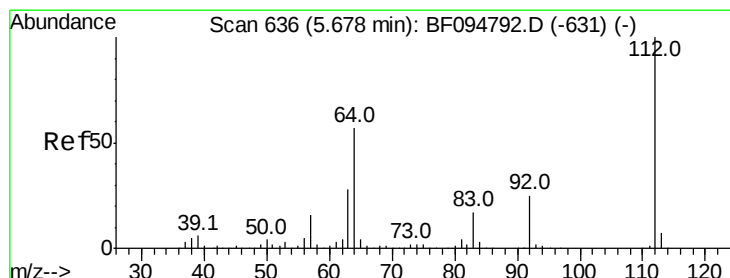
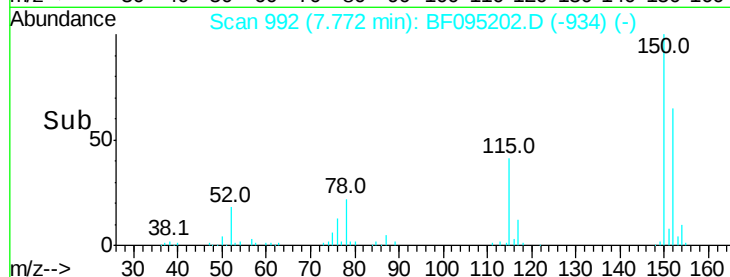
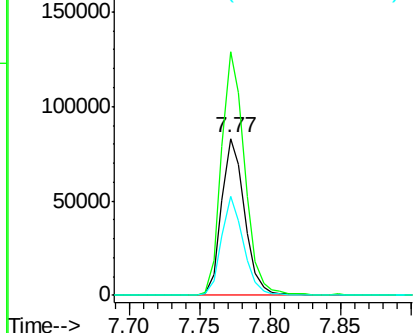
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 992
Delta R.T. 0.04 min
Lab File: BF095202.D
Acq: 18 May 2017 00:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 94665
Ion Ratio Lower Upper
152 100
150 154.9 126.2 189.2
115 63.2 52.2 78.2



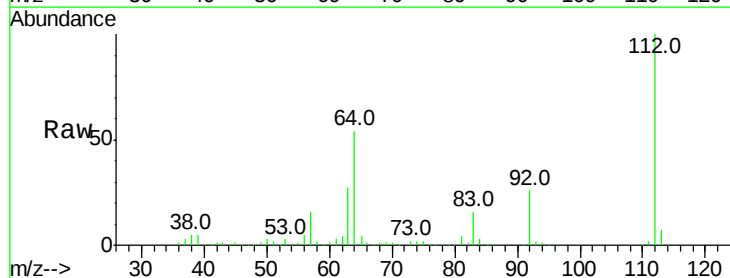
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



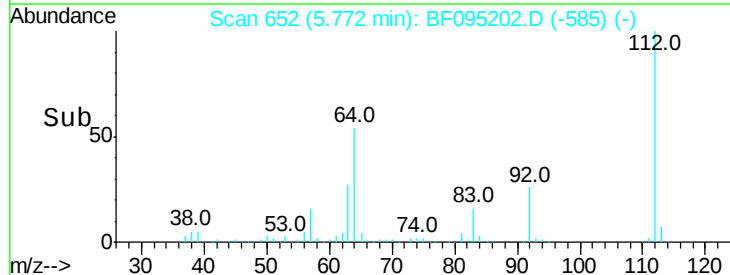
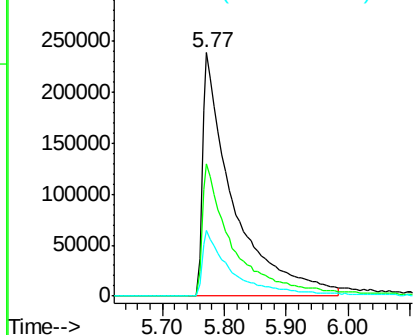
#5

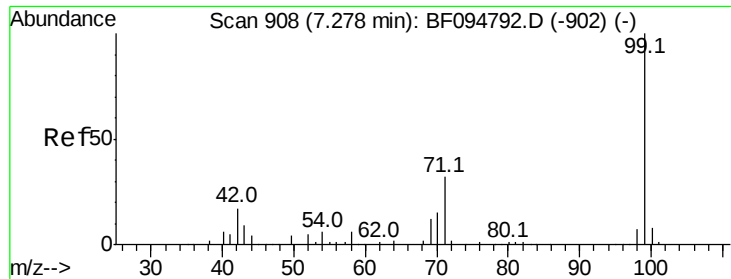
2-Fluorophenol
Concen: 145.27 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.09 min
Lab File: BF095202.D
Acq: 18 May 2017 00:24

Tgt Ion:112 Resp: 824853
Ion Ratio Lower Upper
112 100
64 54.2 46.0 69.0
63 26.9 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: 153.49 ng

RT: 7.34 min Scan# 918

Delta R.T. 0.06 min

Lab File: BF095202.D

Acq: 18 May 2017 00:24

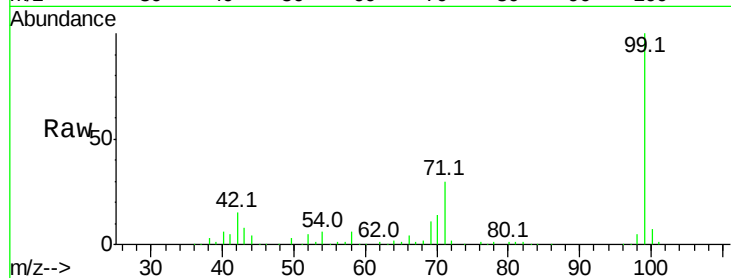
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1045662

Ion	Ratio	Lower	Upper
99	100		
42	15.4	13.5	20.3
71	30.3	24.5	36.7

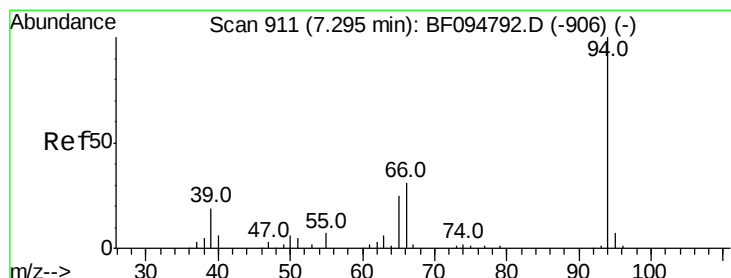
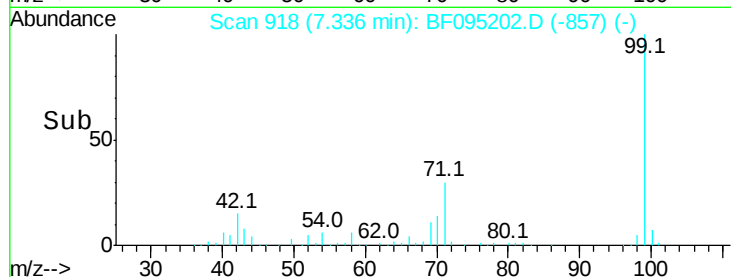
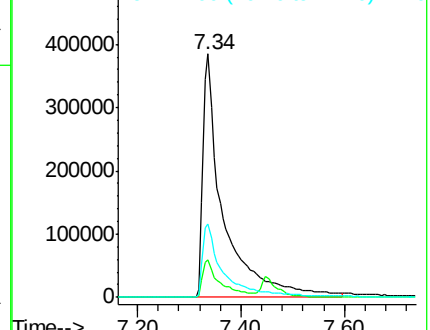


Abundance

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: 2.58 ng

RT: 7.36 min Scan# 922

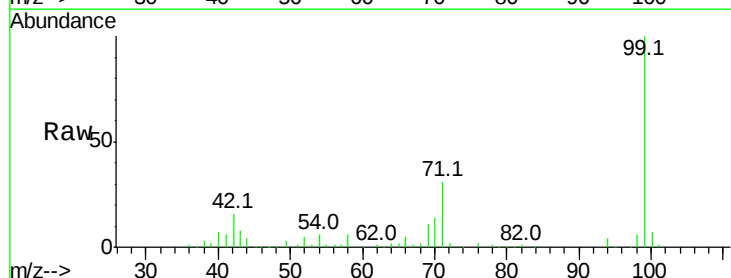
Delta R.T. 0.06 min

Lab File: BF095202.D

Acq: 18 May 2017 00:24

Tgt Ion: 94 Resp: 18527

Ion	Ratio	Lower	Upper
94	100		
65	37.6	9.9	49.9
66	118.9	23.1	63.1#

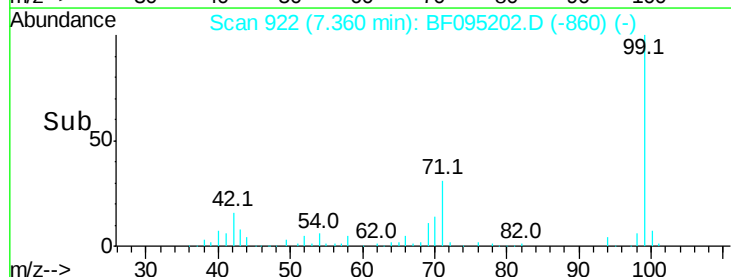
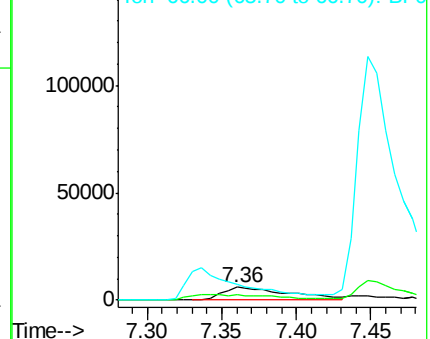


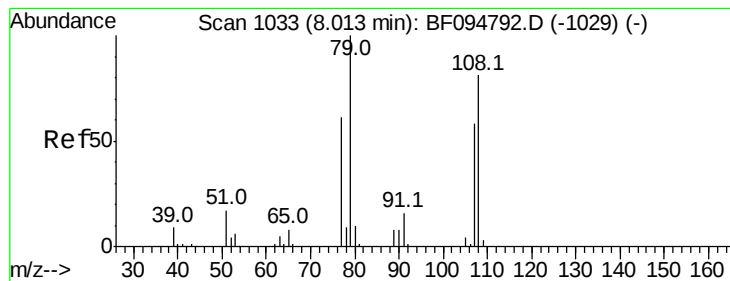
Abundance

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: 2.17 ng

RT: 8.01 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF095202.D

Acq: 18 May 2017 00:24

Instrument :

BNA_F

ClientSampled :

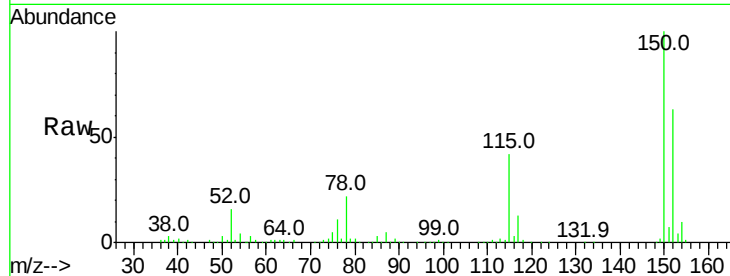
Tot Ion: 79 Resp: 9495

Ion Ratio Lower Upper

79 100

108 31.7 63.4 95.0#

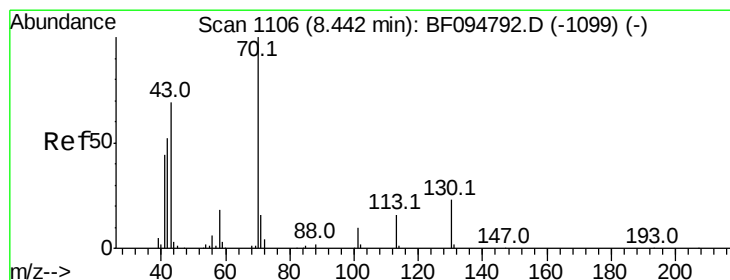
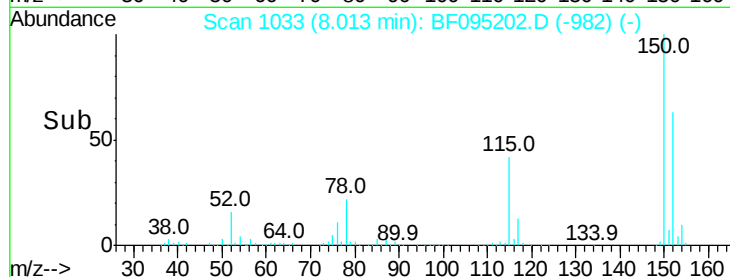
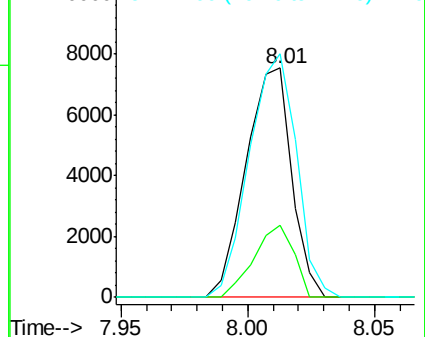
77 106.1 49.2 73.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 16.86 ng

RT: 8.67 min Scan# 1145

Delta R.T. 0.23 min

Lab File: BF095202.D

Acq: 18 May 2017 00:24

Tgt Ion: 70 Resp: 77676

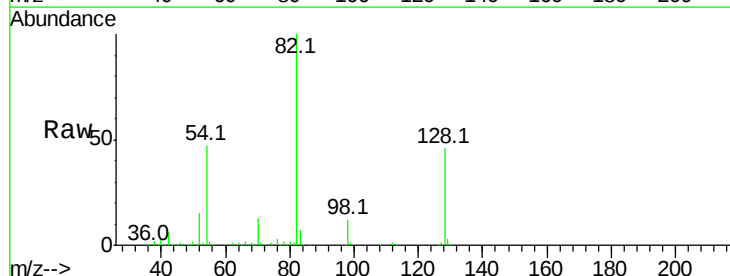
Ion Ratio Lower Upper

70 100

42 44.6 47.2 70.8#

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#

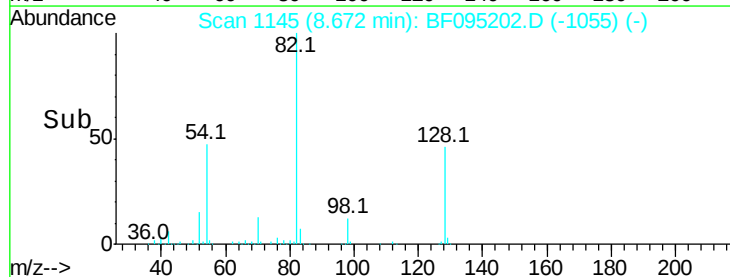
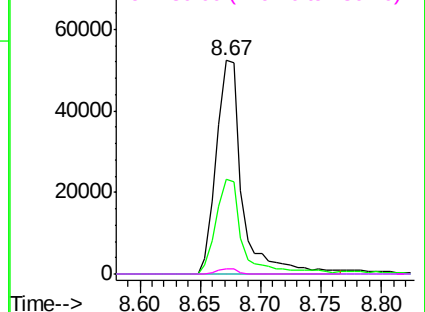


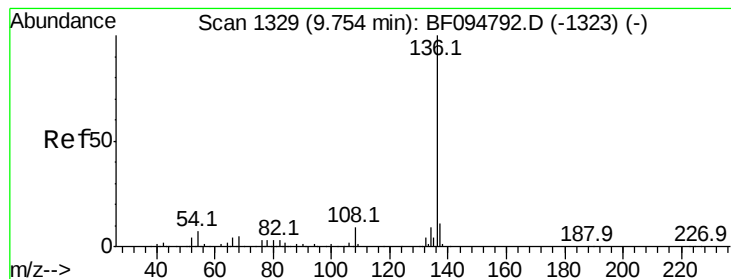
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.79 min Scan# 1335

Delta R.T. 0.04 min

Lab File: BF095202.D

Acq: 18 May 2017 00:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 371896

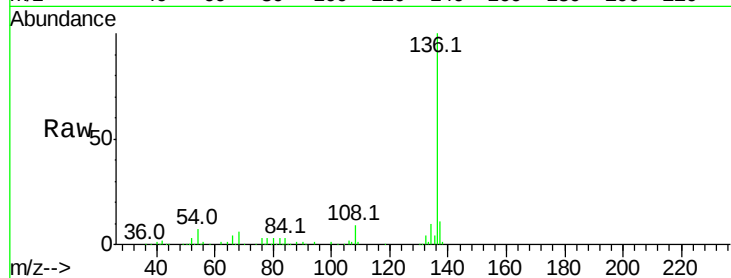
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 6.5 4.9 7.3

68 6.0 4.1 6.1

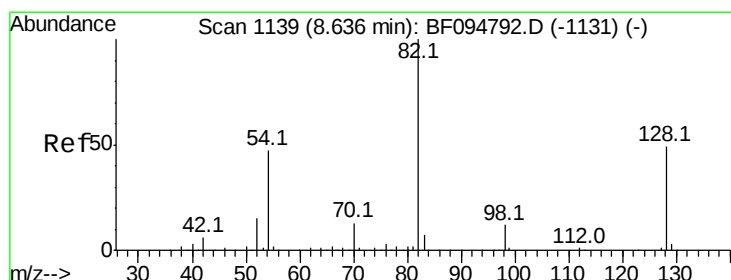
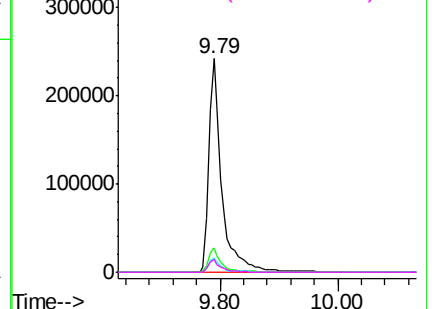
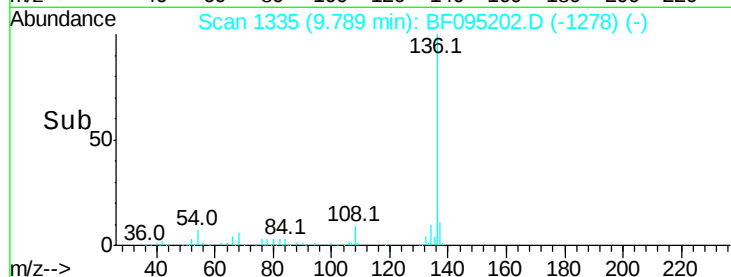


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 103.84 ng

RT: 8.68 min Scan# 1146

Delta R.T. 0.04 min

Lab File: BF095202.D

Acq: 18 May 2017 00:24

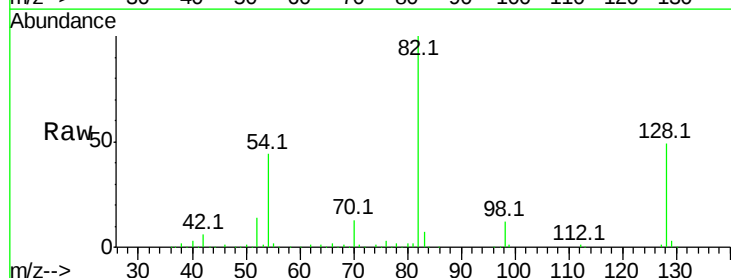
Tgt Ion: 82 Resp: 612392

Ion Ratio Lower Upper

82 100

128 48.6 34.0 51.0

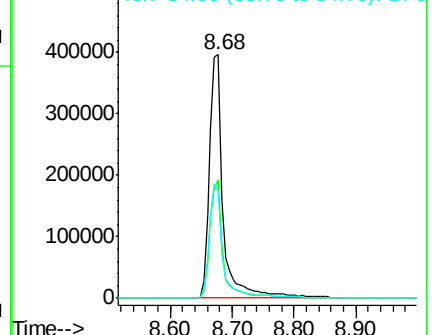
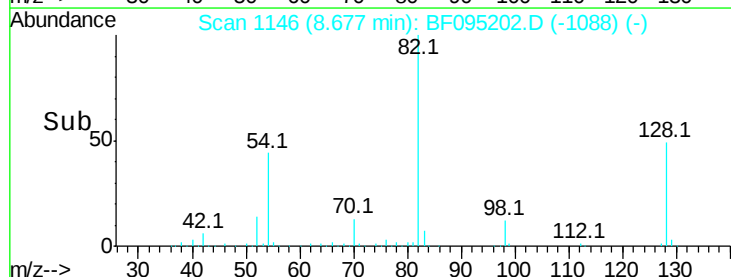
54 44.3 42.2 63.2

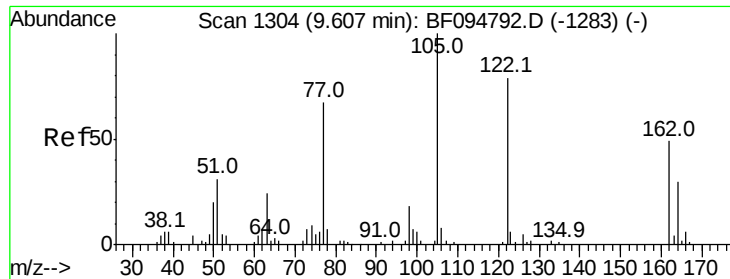


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

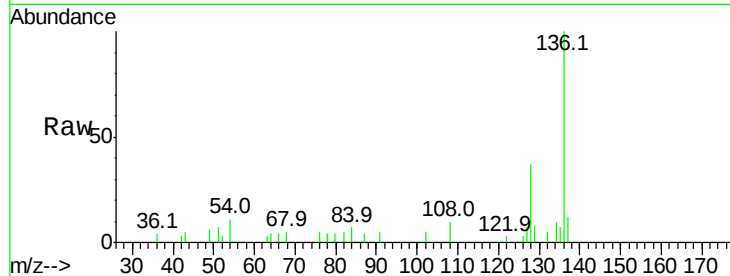




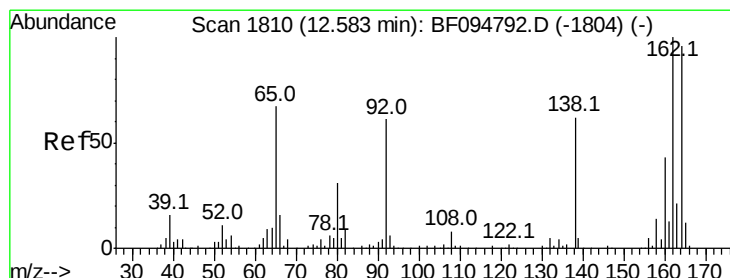
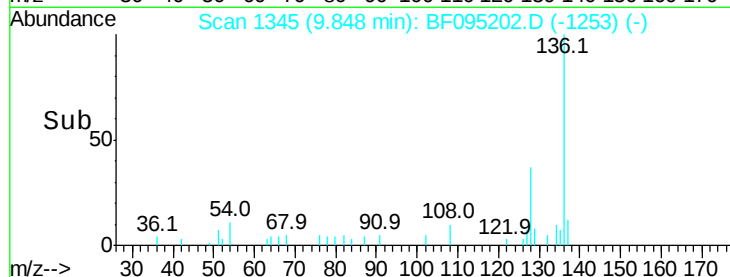
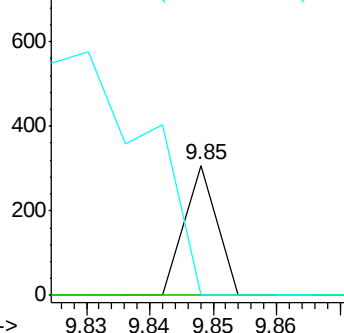
#32
Benzoic acid
Concen: 5.11 ng
RT: 9.85 min Scan# 1345
Delta R.T. 0.24 min
Lab File: BF095202.D
Acq: 18 May 2017 00:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 109
Ion Ratio Lower Upper
122 100
105 0.0 103.3 143.3#
77 0.0 73.7 113.7#

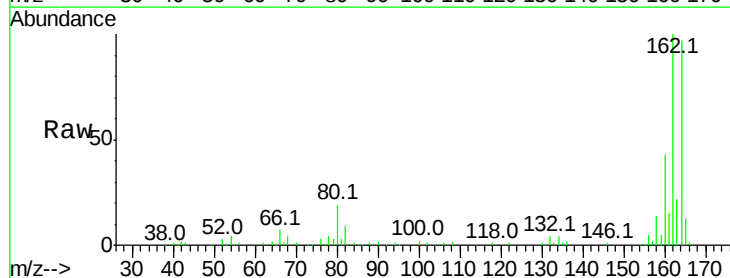


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

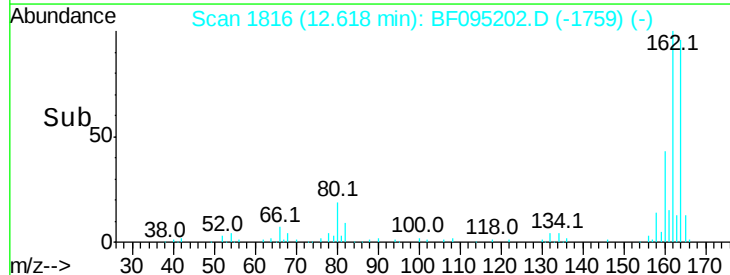
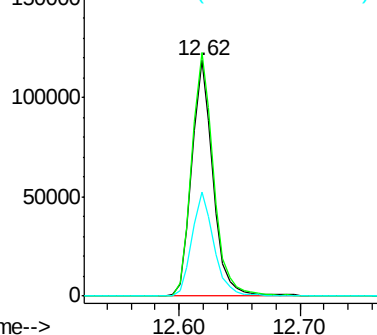


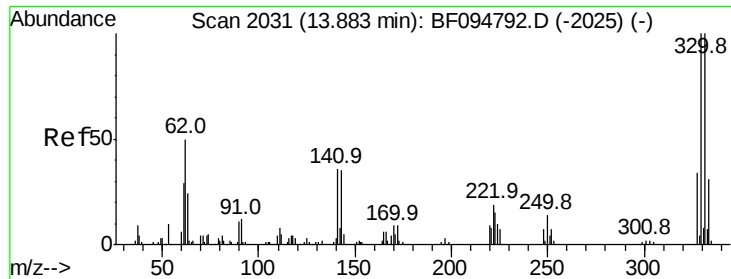
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.62 min Scan# 1816
Delta R.T. 0.04 min
Lab File: BF095202.D
Acq: 18 May 2017 00:24

Tgt Ion:164 Resp: 144557
Ion Ratio Lower Upper
164 100
162 103.2 82.6 123.8
160 44.4 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

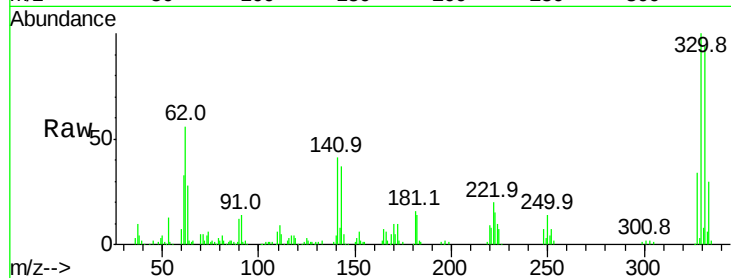




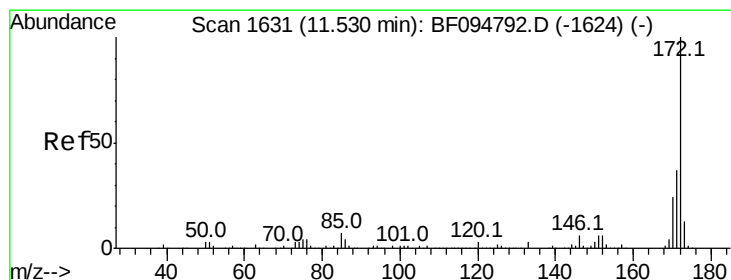
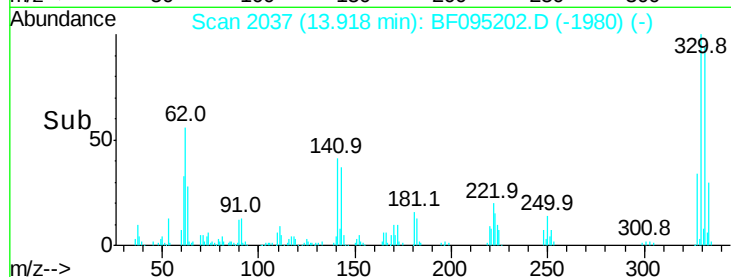
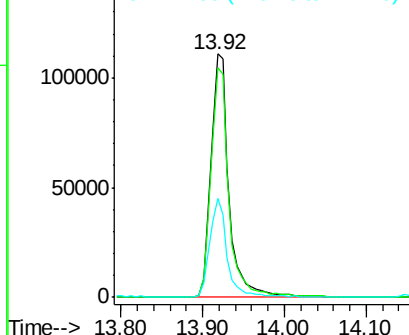
#41
 2,4,6-Tribromophenol
 Concen: 143.35 ng
 RT: 13.92 min Scan# 2037
 Delta R.T. 0.04 min
 Lab File: BF095202.D
 Acq: 18 May 2017 00:24

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:330 Resp: 169703
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.6 115.0
 141 40.2 31.4 47.2

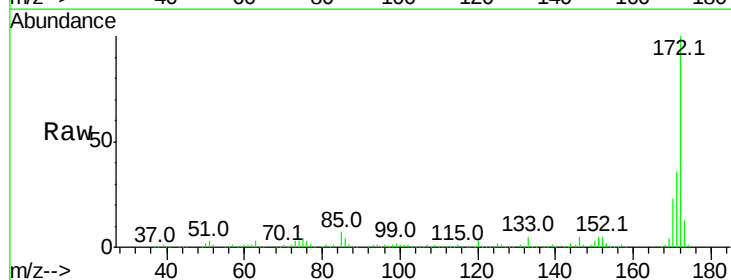


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

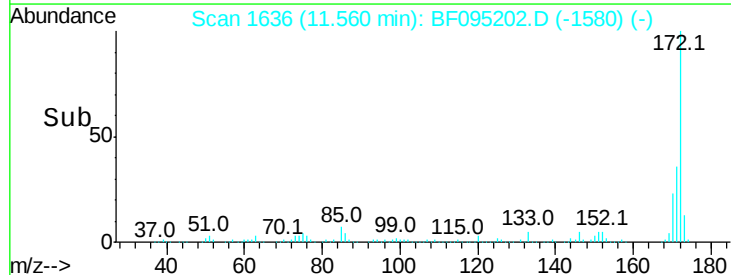
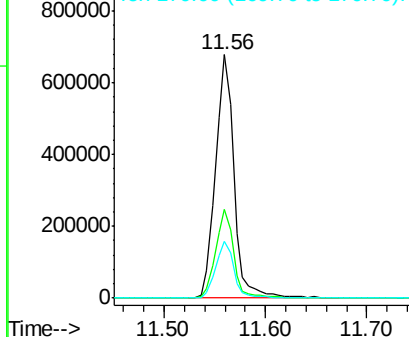


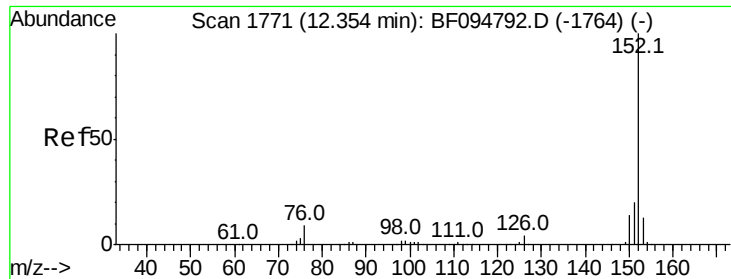
#44
 2-Fluorobiphenyl
 Concen: 86.14 ng
 RT: 11.56 min Scan# 1636
 Delta R.T. 0.03 min
 Lab File: BF095202.D
 Acq: 18 May 2017 00:24

Tgt Ion:172 Resp: 865134
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 23.1 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

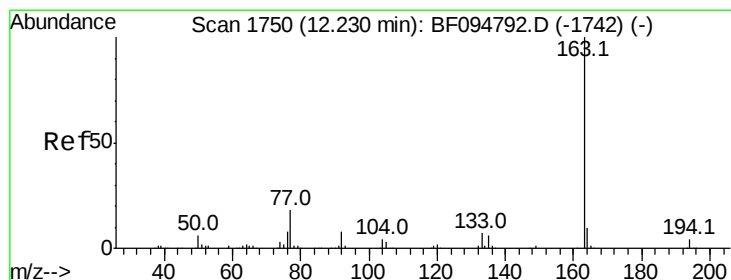
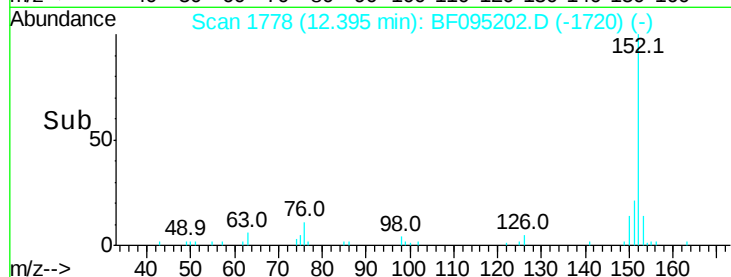
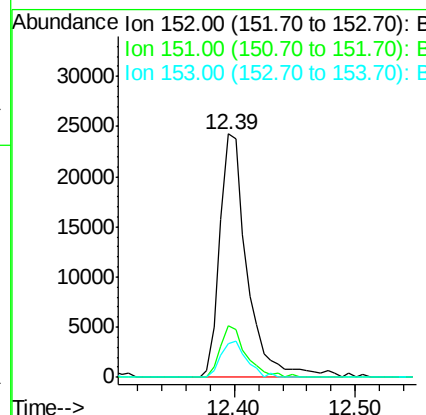
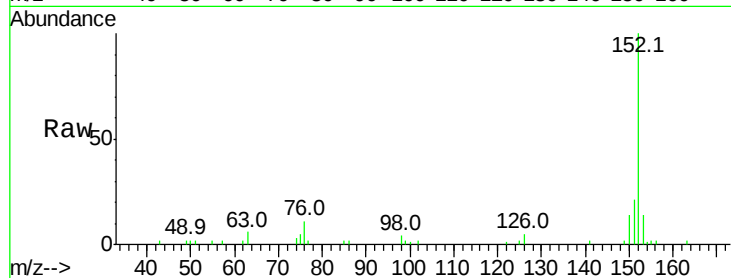




#48
Acenaphthylene
Concen: 2.47 ng
RT: 12.39 min Scan# 1778
Delta R.T. 0.04 min
Lab File: BF095202.D
Acq: 18 May 2017 00:24

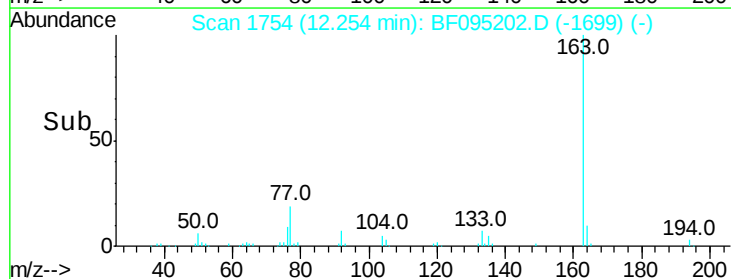
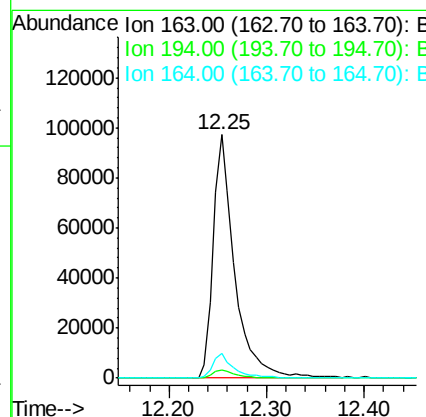
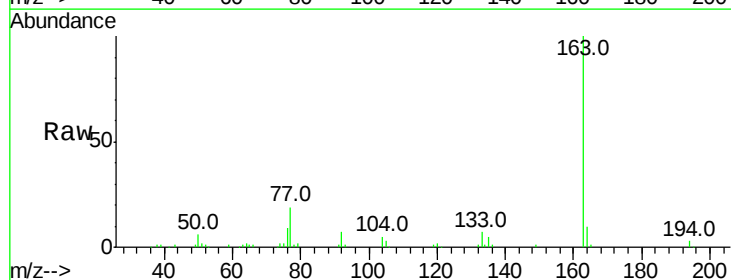
Instrument :
BNA_F
ClientSampleId :

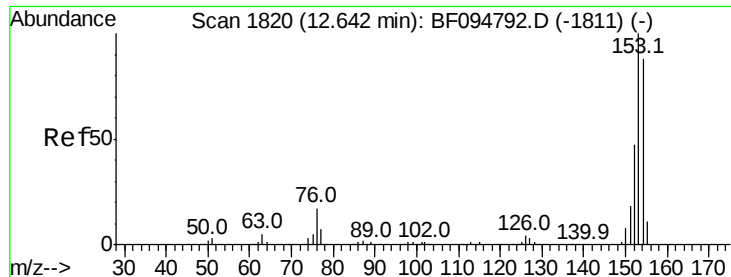
Tot Ion:152 Resp: 38007
Ion Ratio Lower Upper
152 100
151 21.2 16.8 25.2
153 13.7 10.8 16.2



#49
Dimethylphthalate
Concen: 12.48 ng
RT: 12.25 min Scan# 1754
Delta R.T. 0.02 min
Lab File: BF095202.D
Acq: 18 May 2017 00:24

Tgt Ion:163 Resp: 148103
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.0 8.4 12.6





#51

Acenaphthene

Concen: 4.40 ng

RT: 12.67 min Scan# 1825

Delta R.T. 0.03 min

Lab File: BF095202.D

Acq: 18 May 2017 00:24

Instrument :

BNA_F

ClientSampleId :

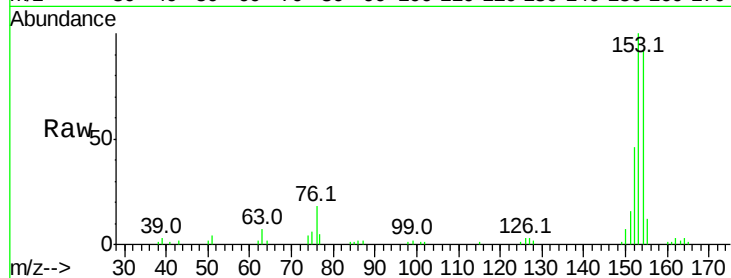
Tot Ion:154 Resp: 40495

Ion Ratio Lower Upper

154 100

153 108.6 90.5 135.7

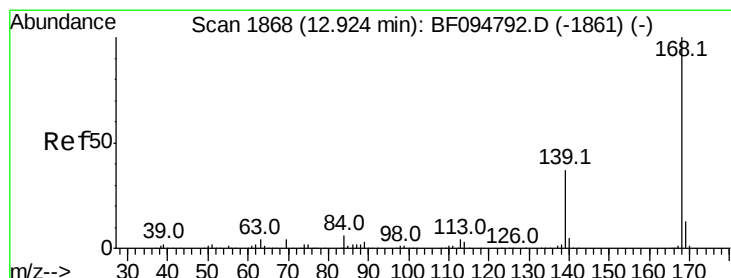
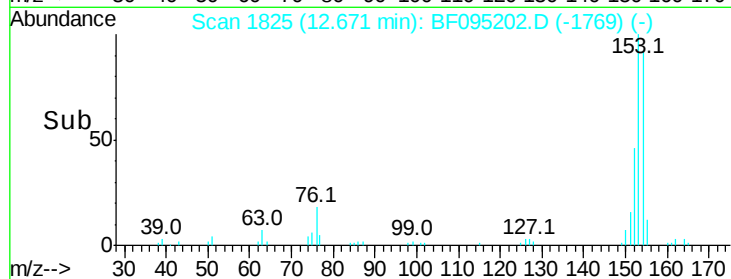
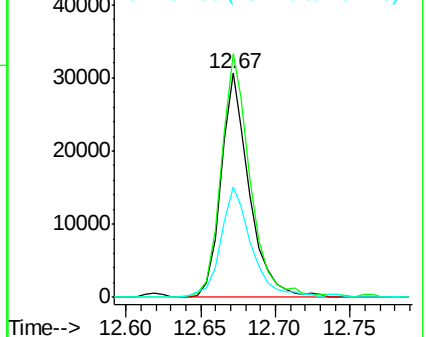
152 49.6 43.6 65.4



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: 2.20 ng

RT: 12.97 min Scan# 1876

Delta R.T. 0.05 min

Lab File: BF095202.D

Acq: 18 May 2017 00:24

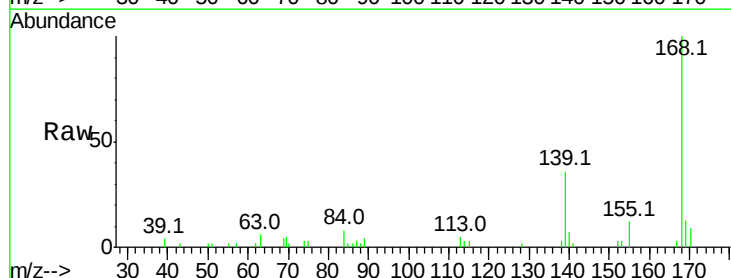
Tgt Ion:168 Resp: 28015

Ion Ratio Lower Upper

168 100

139 35.8 30.6 45.8

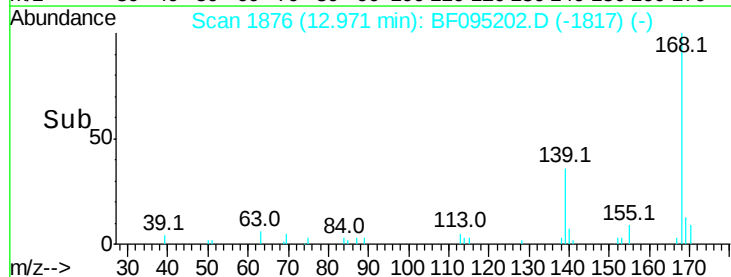
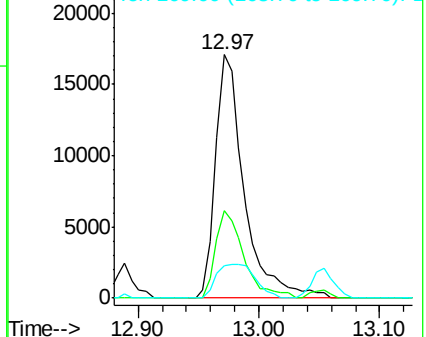
169 13.1 10.8 16.2

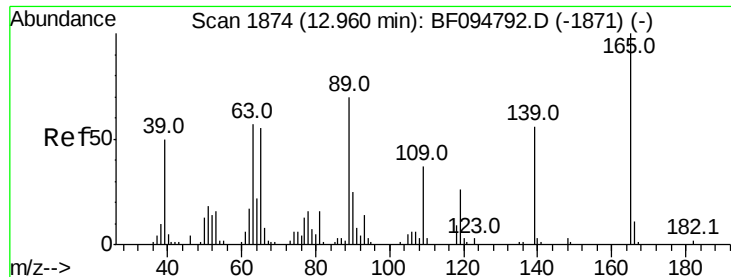


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

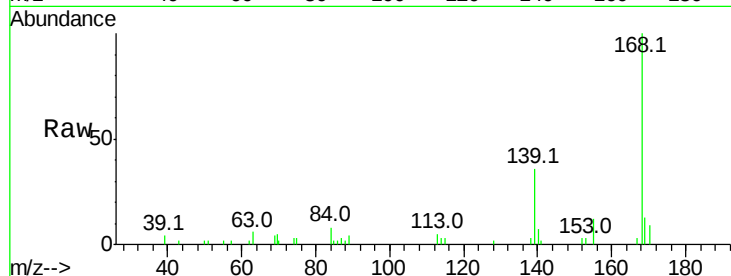




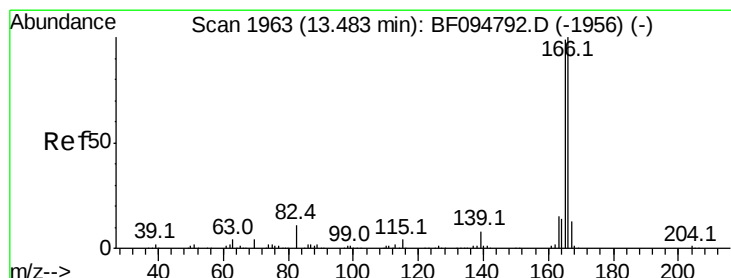
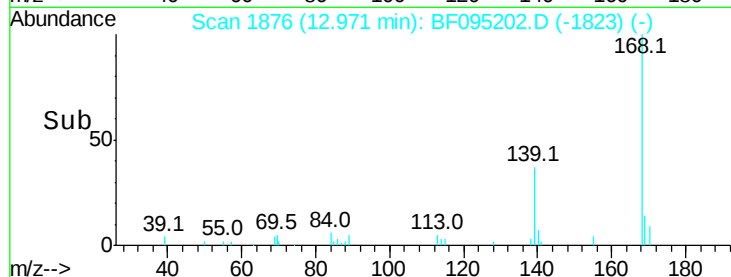
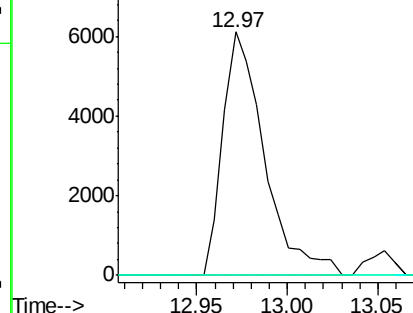
#55
4-Nitrophenol
Concen: 6.28 ng
RT: 12.97 min Scan# 1876
Delta R.T. 0.01 min
Lab File: BF095202.D
Acq: 18 May 2017 00:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 9802
Ion Ratio Lower Upper
139 100
109 0.0 34.1 74.1#
65 0.0 31.4 71.4#

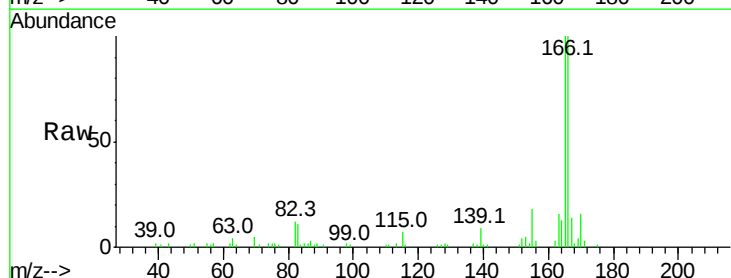


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BFO

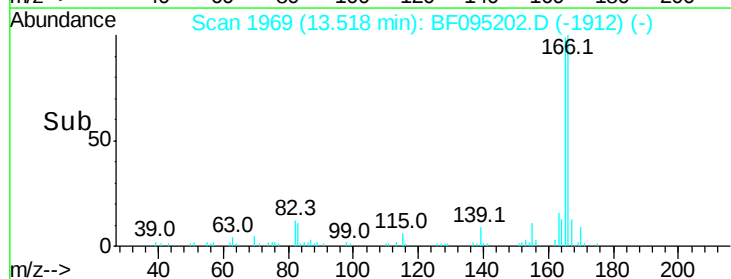
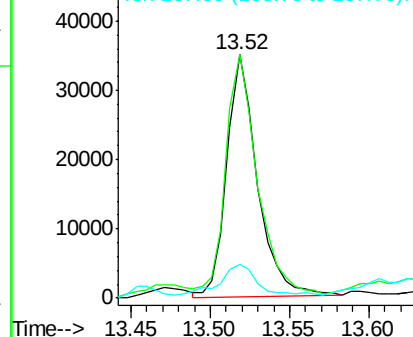


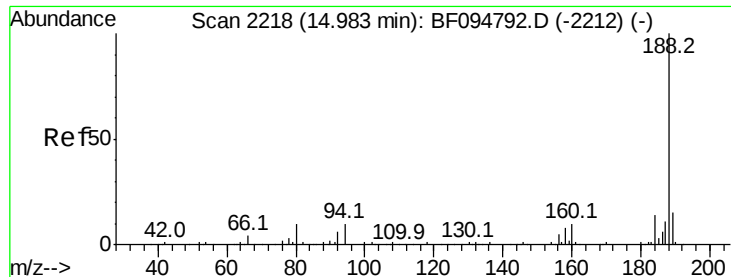
#57
Fluorene
Concen: 4.20 ng
RT: 13.52 min Scan# 1969
Delta R.T. 0.04 min
Lab File: BF095202.D
Acq: 18 May 2017 00:24

Tgt Ion:166 Resp: 46476
Ion Ratio Lower Upper
166 100
165 99.9 78.8 118.2
167 14.0 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

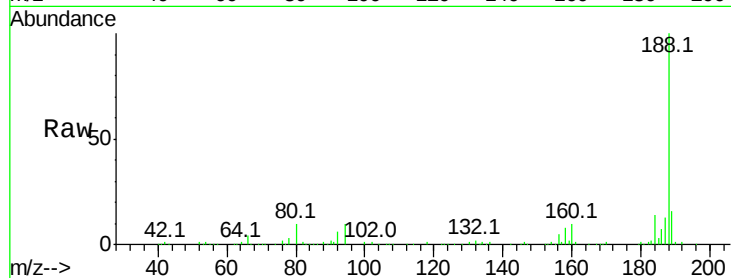




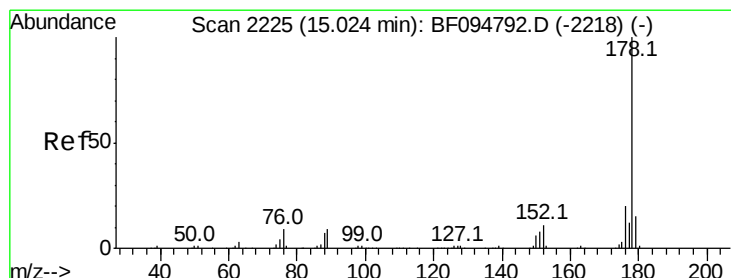
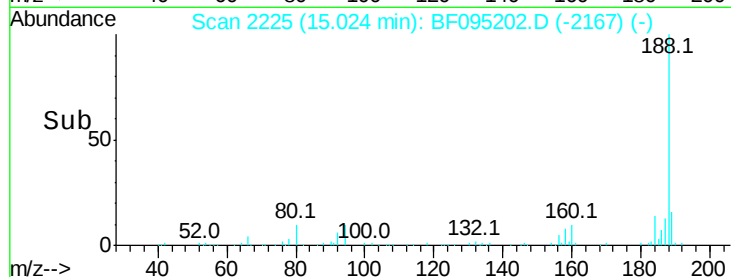
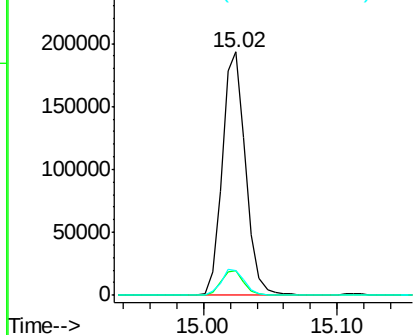
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2225
 Delta R.T. 0.04 min
 Lab File: BF095202.D
 Acq: 18 May 2017 00:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:188 Resp: 237718
 Ion Ratio Lower Upper
 188 100
 94 10.1 9.4 14.2
 80 10.1 10.2 15.2#

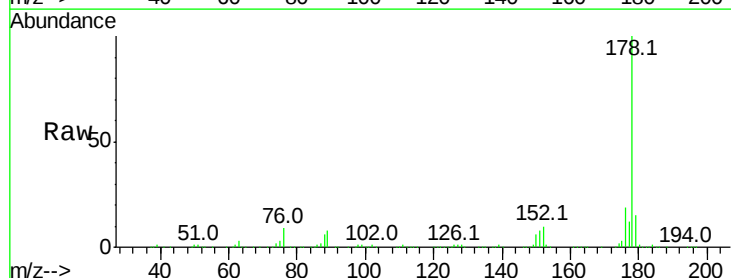


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

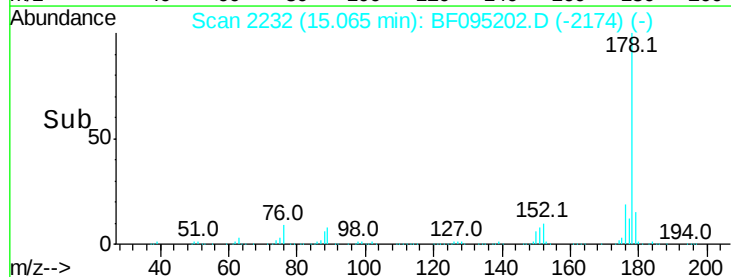
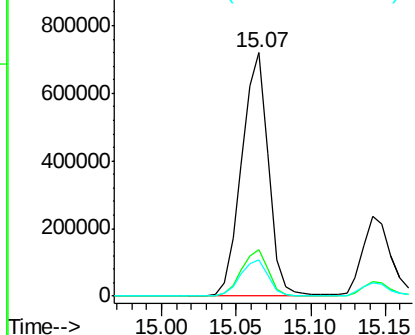


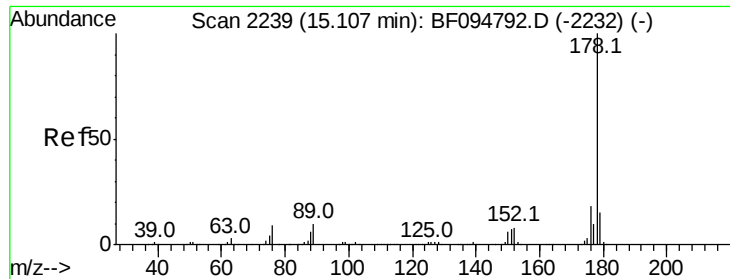
#70
 Phenanthrene
 Concen: 65.66 ng
 RT: 15.07 min Scan# 2232
 Delta R.T. 0.04 min
 Lab File: BF095202.D
 Acq: 18 May 2017 00:24

Tgt Ion:178 Resp: 896796
 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

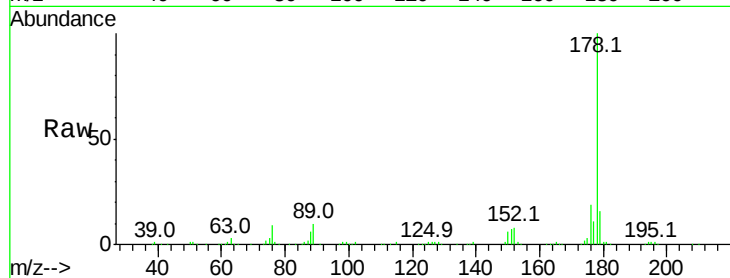




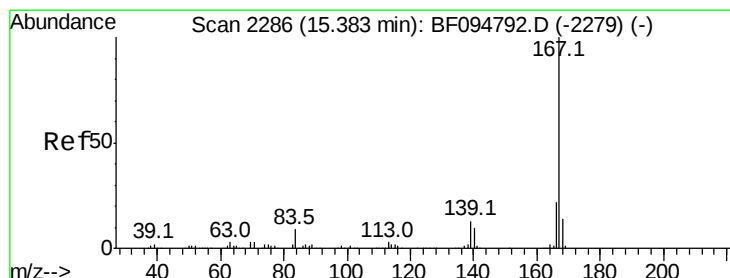
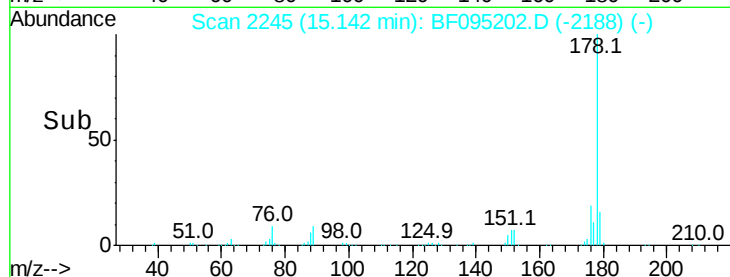
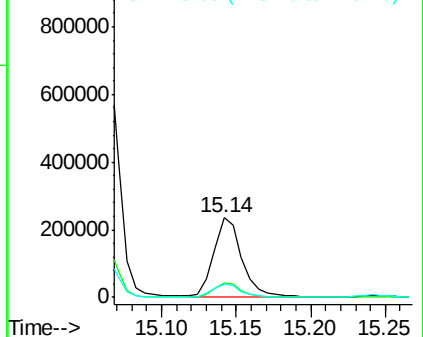
#71
 Anthracene
 Concen: 22.17 ng
 RT: 15.14 min Scan# 2245
 Delta R.T. 0.04 min
 Lab File: BF095202.D
 Acq: 18 May 2017 00:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 309282
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.8 23.8
 179 16.4 12.7 19.1

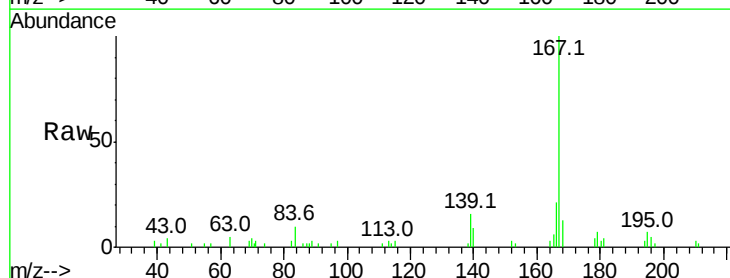


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

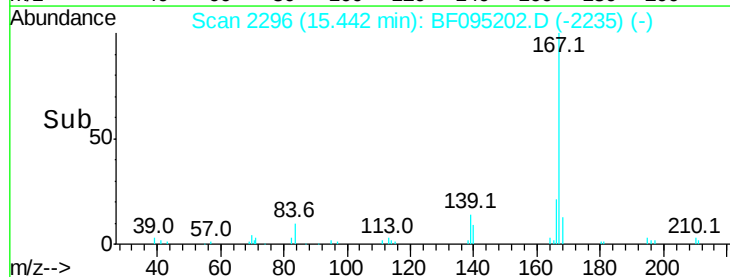
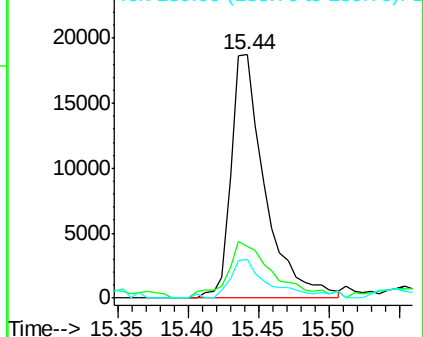


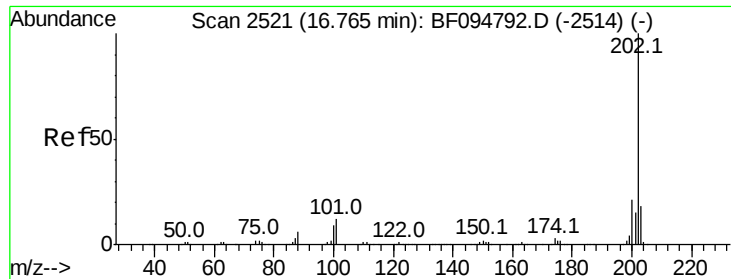
#72
 Carbazole
 Concen: 2.49 ng
 RT: 15.44 min Scan# 2296
 Delta R.T. 0.06 min
 Lab File: BF095202.D
 Acq: 18 May 2017 00:24

Tgt Ion:167 Resp: 31556
 Ion Ratio Lower Upper
 167 100
 166 21.0 18.1 27.1
 139 15.9 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: 112.86 ng

RT: 16.81 min Scan# 2529

Delta R.T. 0.05 min

Lab File: BF095202.D

Acq: 18 May 2017 00:24

Instrument :

BNA_F

ClientSampleId :

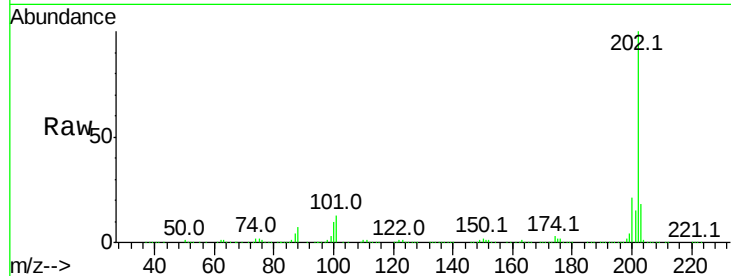
Tot Ion:202 Resp: 1581263

Ion Ratio Lower Upper

202 100

101 13.5 0.0 33.2

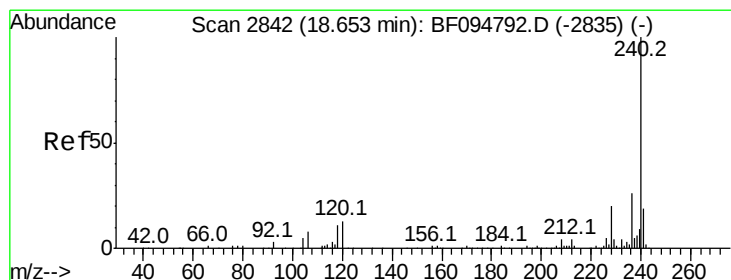
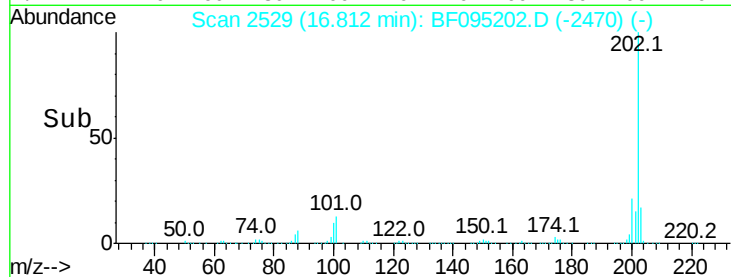
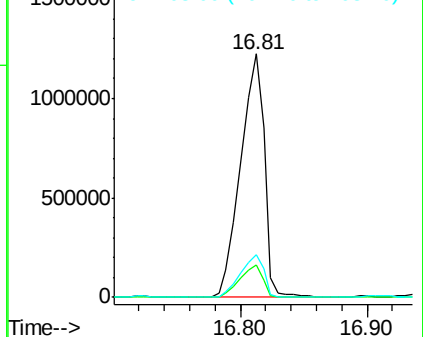
203 17.5 0.0 38.1



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: BF095202.D

Acq: 18 May 2017 00:24

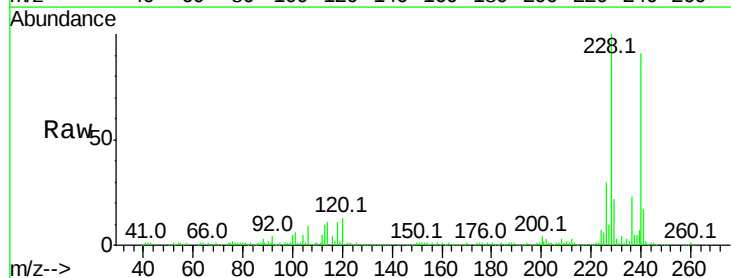
Tgt Ion:240 Resp: 159904

Ion Ratio Lower Upper

240 100

120 13.8 5.8 8.8#

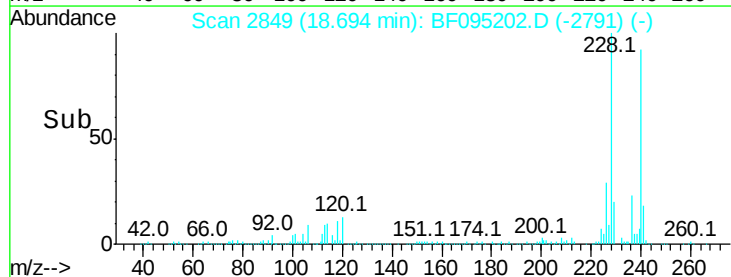
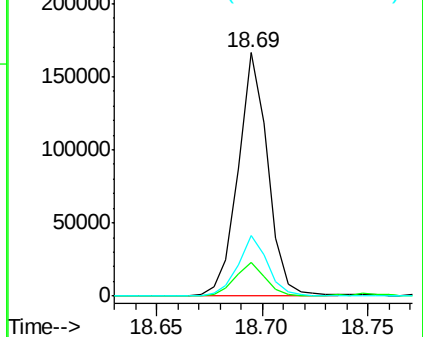
236 25.0 20.5 30.7

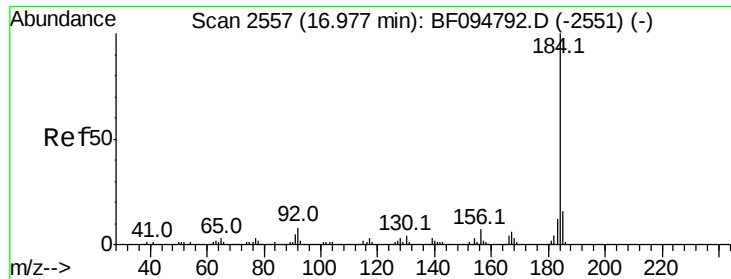


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 6.61 ng

RT: 16.77 min Scan# 2522

Delta R.T. -0.21 min

Lab File: BF095202.D

Acq: 18 May 2017 00:24

Instrument :

BNA_F

ClientSampled :

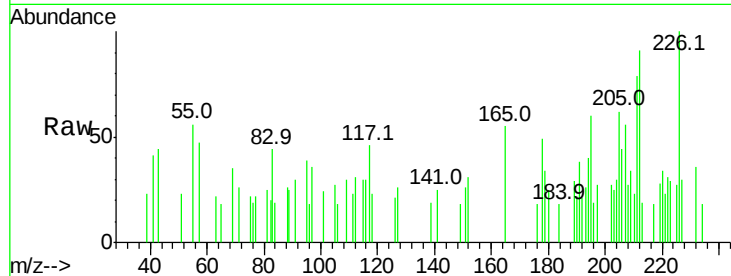
Tot Ion:184 Resp: 110

Ion Ratio Lower Upper

184 100

185 0.0 15.5 23.3#

183 0.0 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

16.77

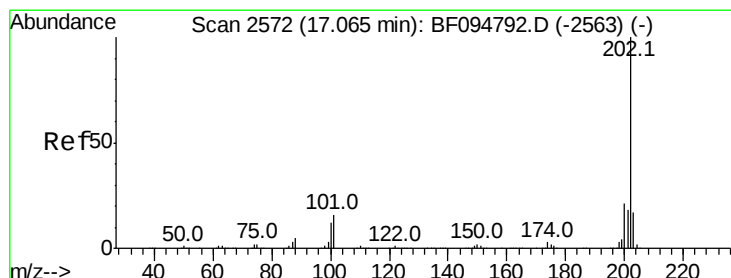
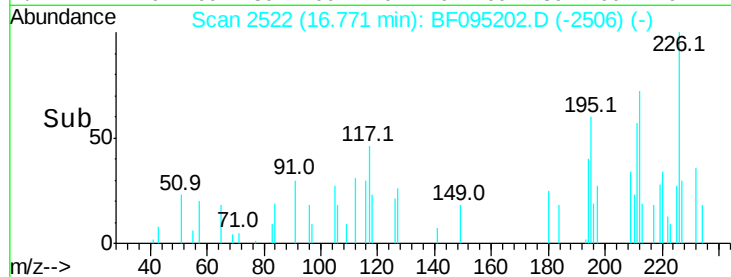
300

200

100

0

Time-->



#77

Pyrene

Concen: 111.33 ng

RT: 17.11 min Scan# 2580

Delta R.T. 0.05 min

Lab File: BF095202.D

Acq: 18 May 2017 00:24

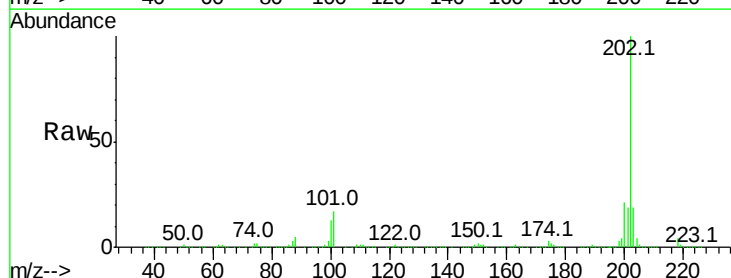
Tgt Ion:202 Resp: 1331430

Ion Ratio Lower Upper

202 100

200 21.0 17.6 26.4

203 19.5 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

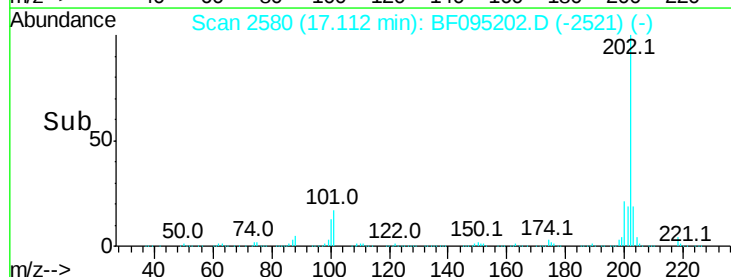
17.11

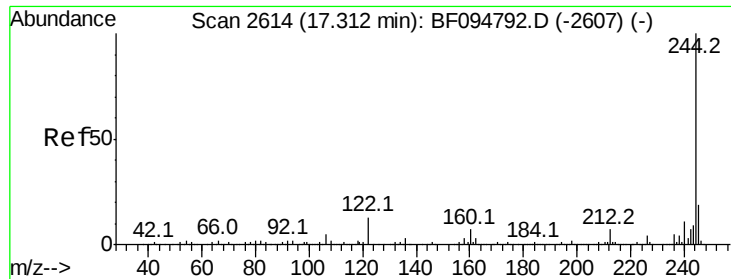
1000000

500000

0

Time-->





#78

Terphenyl-d14

Concen: 75.63 ng

RT: 17.34 min Scan# 2619

Delta R.T. 0.03 min

Lab File: BF095202.D

Acq: 18 May 2017 00:24

Instrument :

BNA_F

ClientSampleId :

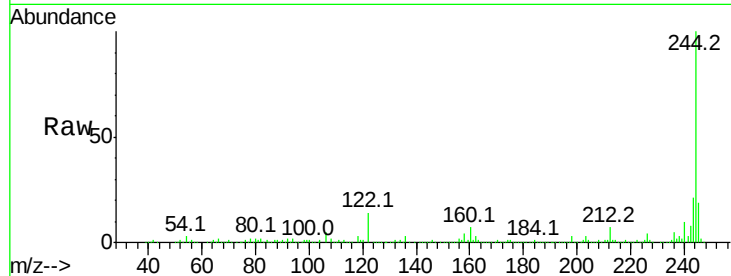
Tot Ion:244 Resp: 549036

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

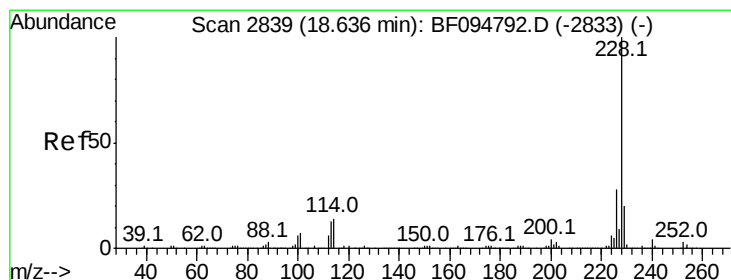
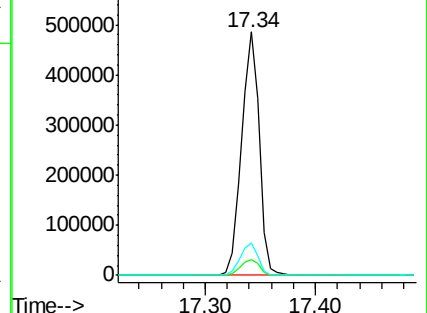
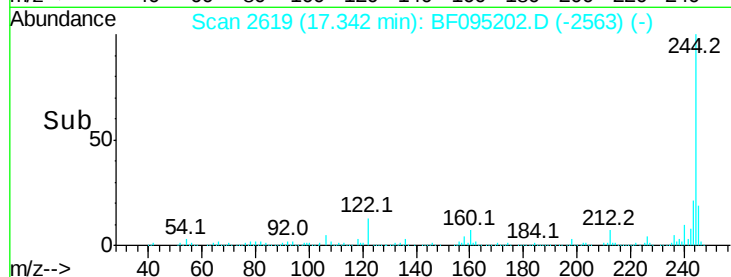
122 13.6 10.3 15.5



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



#80

Benzo(a)anthracene

Concen: 65.07 ng

RT: 18.68 min Scan# 2847

Delta R.T. 0.05 min

Lab File: BF095202.D

Acq: 18 May 2017 00:24

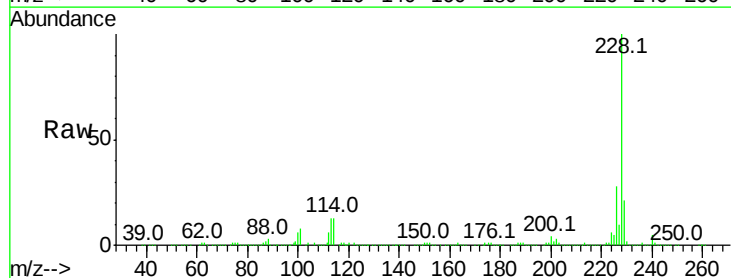
Tgt Ion:228 Resp: 605592

Ion Ratio Lower Upper

228 100

226 28.3 22.6 33.8

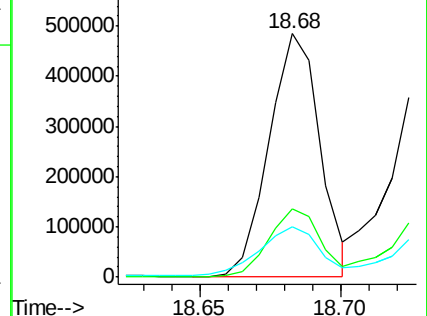
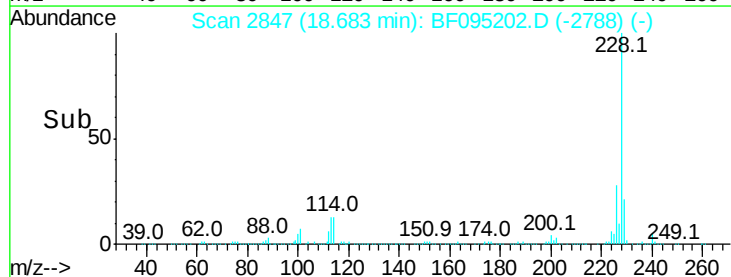
229 20.7 16.3 24.5

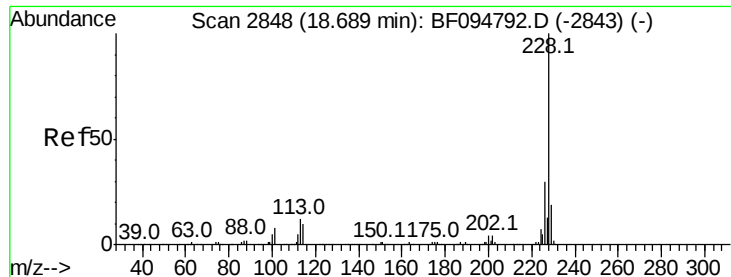


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 59.14 ng

RT: 18.73 min Scan# 2855

Delta R.T. 0.04 min

Lab File: BF095202.D

Acq: 18 May 2017 00:24

Instrument :

BNA_F

ClientSampleId :

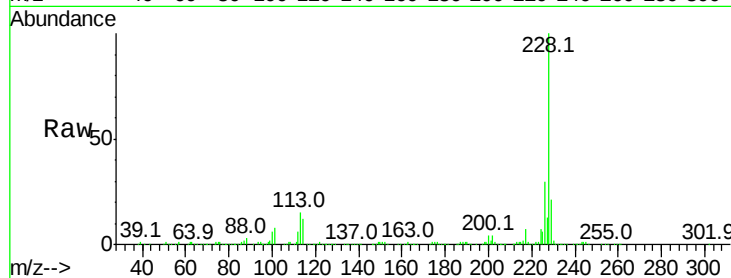
Tot Ion:228 Resp: 532159

Ion Ratio Lower Upper

228 100

226 30.4 24.9 37.3

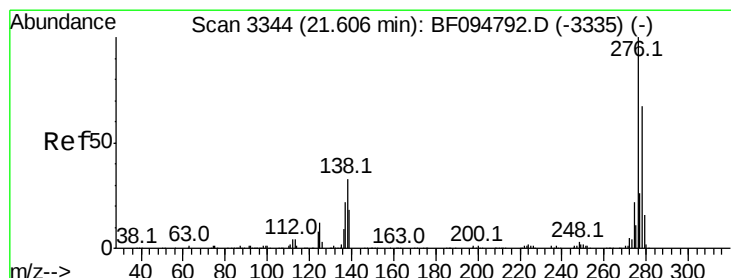
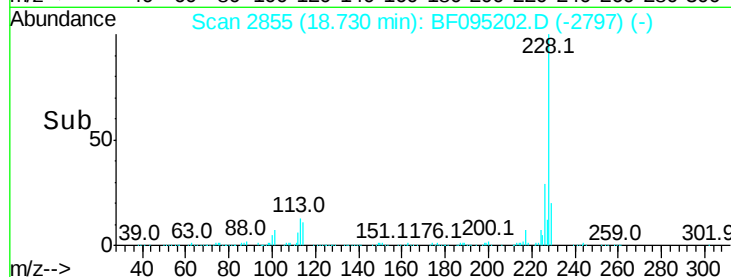
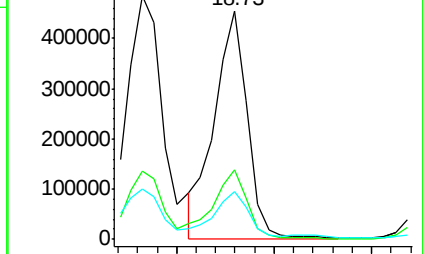
229 21.1 15.8 23.6



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 34.58 ng

RT: 21.70 min Scan# 3360

Delta R.T. 0.09 min

Lab File: BF095202.D

Acq: 18 May 2017 00:24

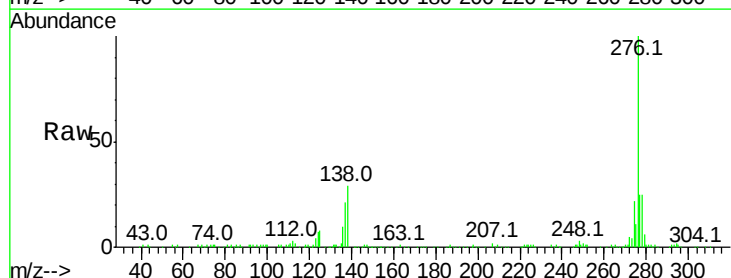
Tgt Ion:276 Resp: 252692

Ion Ratio Lower Upper

276 100

138 30.1 27.8 41.6

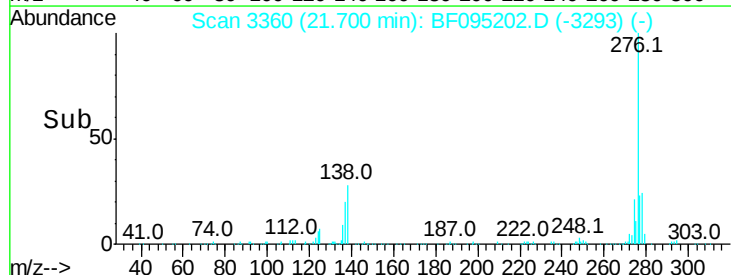
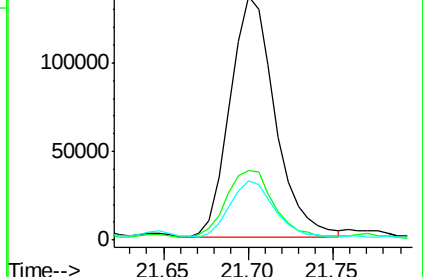
277 22.9 20.2 30.4

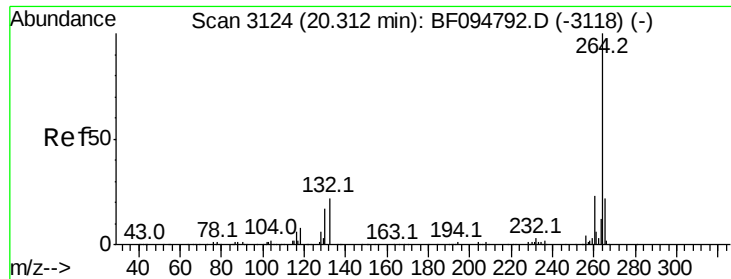


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

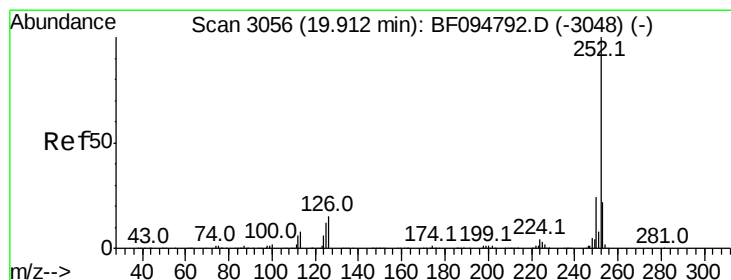
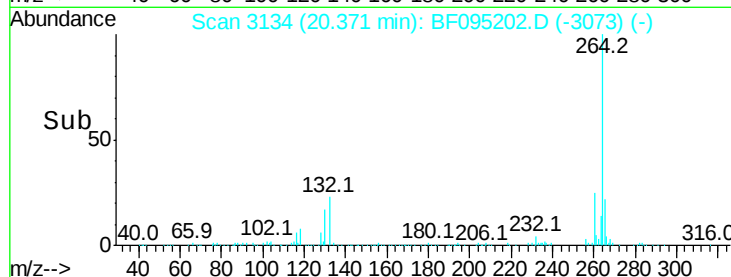
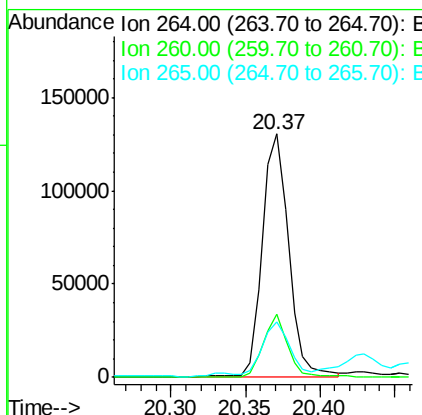
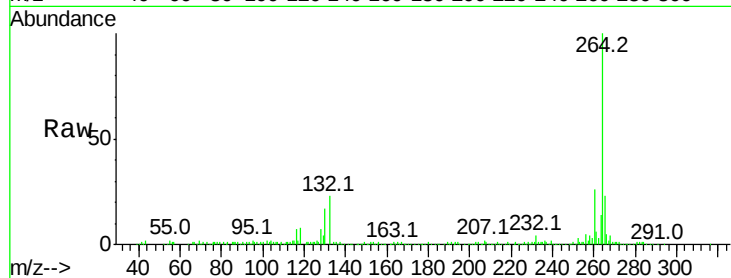




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.37 min Scan# 3134
Delta R.T. 0.06 min
Lab File: BF095202.D
Acq: 18 May 2017 00:24

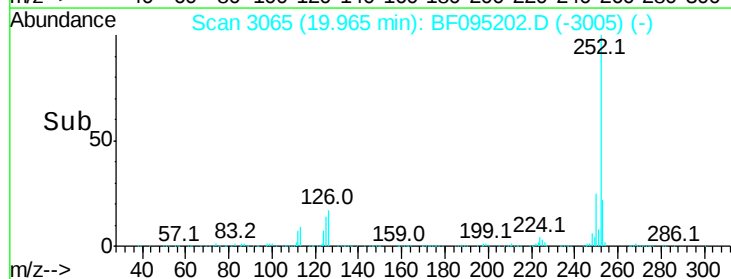
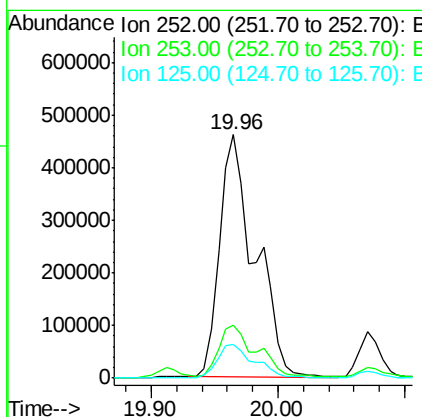
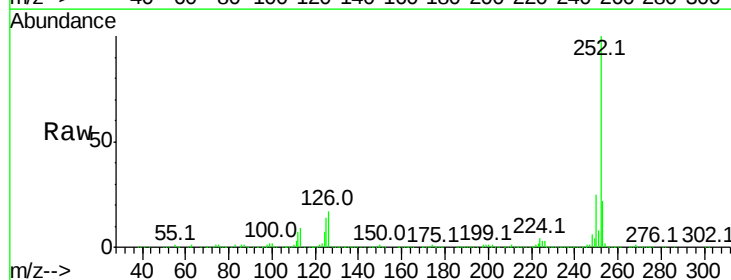
Instrument :
BNA_F
ClientSampleId :

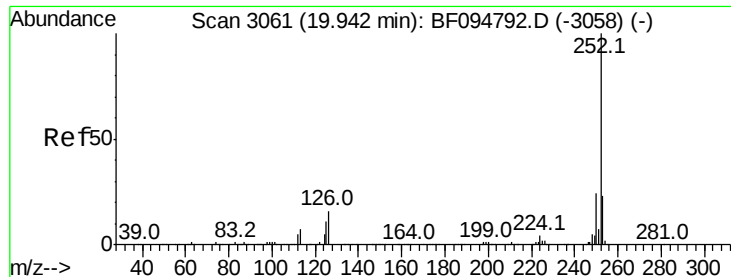
Tot Ion:264 Resp: 160096
Ion Ratio Lower Upper
264 100
260 25.7 19.5 29.3
265 22.6 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 90.40 ng
RT: 19.96 min Scan# 3065
Delta R.T. 0.05 min
Lab File: BF095202.D
Acq: 18 May 2017 00:24

Tgt Ion:252 Resp: 894274
Ion Ratio Lower Upper
252 100
253 21.9 18.1 27.1
125 13.8 9.8 14.8





#88

Benzo(k)fluoranthene

Concen: 93.72 ng

RT: 19.96 min Scan# 3065

Delta R.T. 0.02 min

Lab File: BF095202.D

Acq: 18 May 2017 00:24

Instrument :

BNA_F

ClientSampleId :

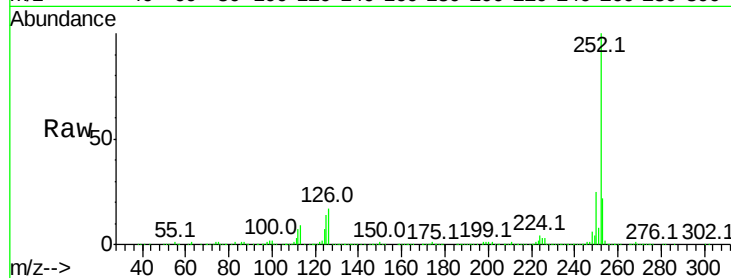
Tot Ion:252 Resp: 894274

Ion Ratio Lower Upper

252 100

253 21.9 18.4 27.6

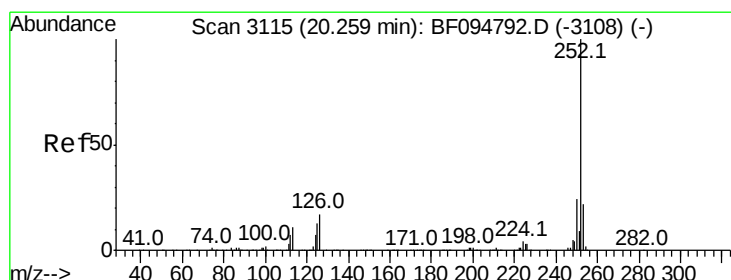
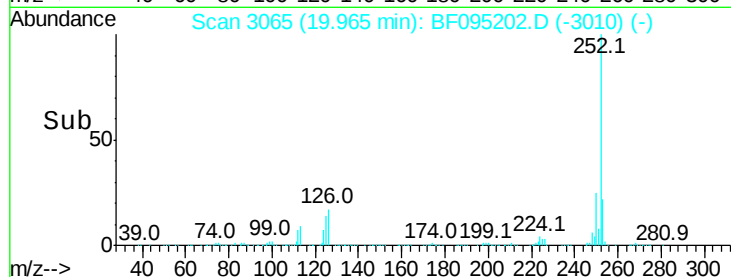
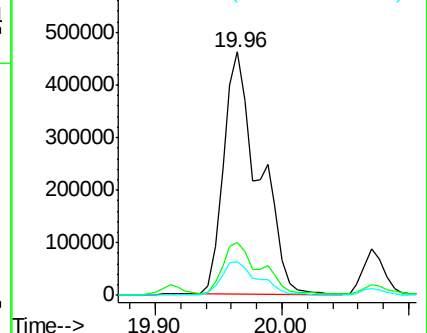
125 13.8 13.1 19.7



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



#89

Benzo(a)pyrene

Concen: 51.77 ng

RT: 20.31 min Scan# 3124

Delta R.T. 0.05 min

Lab File: BF095202.D

Acq: 18 May 2017 00:24

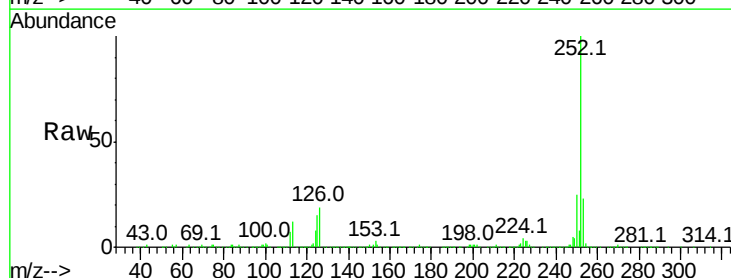
Tgt Ion:252 Resp: 472585

Ion Ratio Lower Upper

252 100

253 22.7 17.5 26.3

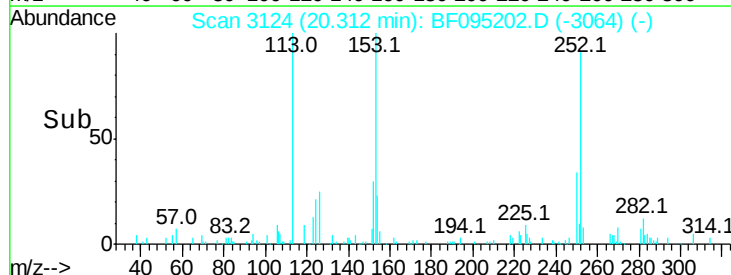
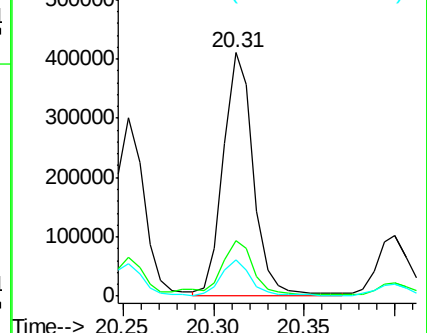
125 15.0 11.0 16.4

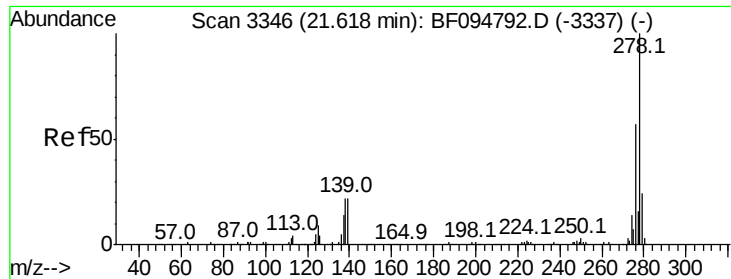


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 6.82 ng

RT: 21.52 min Scan# 3330

Delta R.T. -0.09 min

Lab File: BF095202.D

Acq: 18 May 2017 00:24

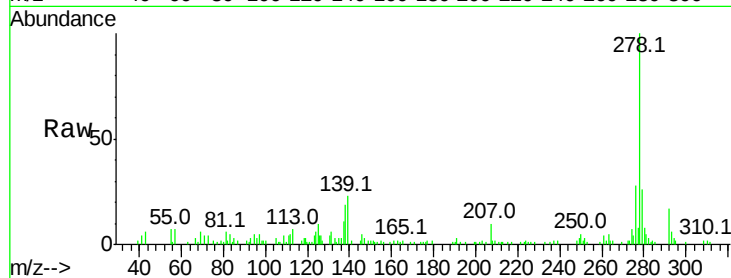
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 51382

Ion	Ratio	Lower	Upper
278	100		
139	22.8	16.6	24.8
279	26.4	19.3	28.9

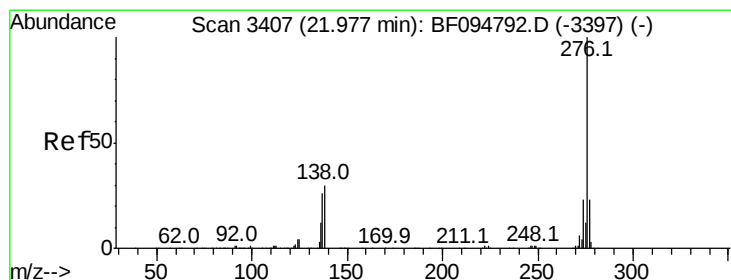
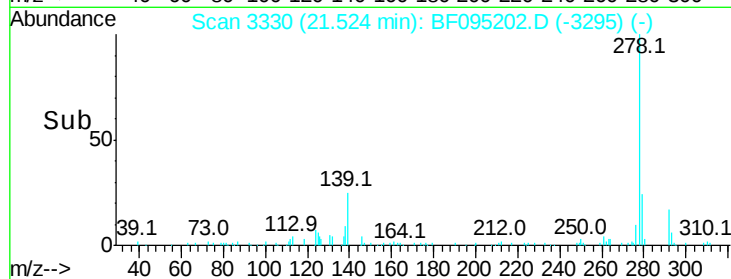
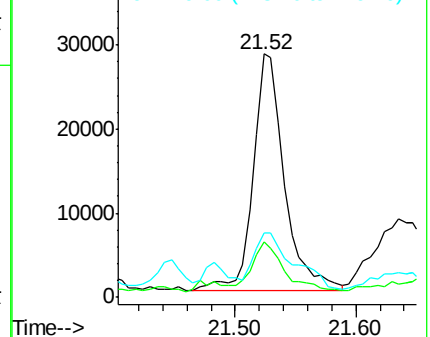


Abundance

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: 31.24 ng

RT: 22.09 min Scan# 3426

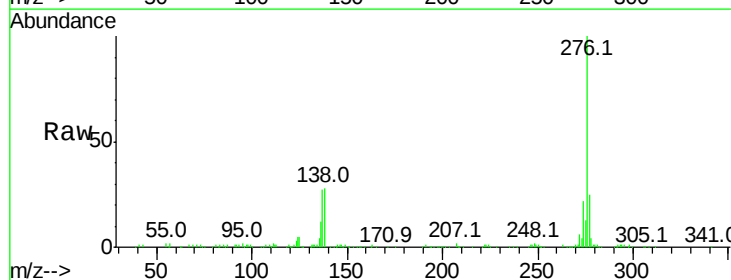
Delta R.T. 0.11 min

Lab File: BF095202.D

Acq: 18 May 2017 00:24

Tgt Ion:276 Resp: 231115

Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.6	28.0
138	28.1	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

