

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
 Data File : BF099005.D
 Acq On : 2 Oct 2017 17:48
 Operator : SJ/JU
 Sample : I5534-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 03 00:59:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	140123	20.00	ng	-0.02
21) Naphthalene-d8	8.18	136	555029	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	232108	20.00	ng	-0.02
63) Phenanthrene-d10	11.43	188	353260	20.00	ng	-0.02
75) Chrysene-d12	14.07	240	248405	20.00	ng	-0.02
86) Perylene-d12	15.56	264	264488	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	918810	104.38	ng	-0.01
7) Phenol-d6	6.53	99	1144462	105.40	ng	-0.02
23) Nitrobenzene-d5	7.46	82	710452	82.09	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	177283	93.34	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1169980	84.15	ng	-0.02
78) Terphenyl-d14	13.01	244	754762	69.10	ng	-0.02

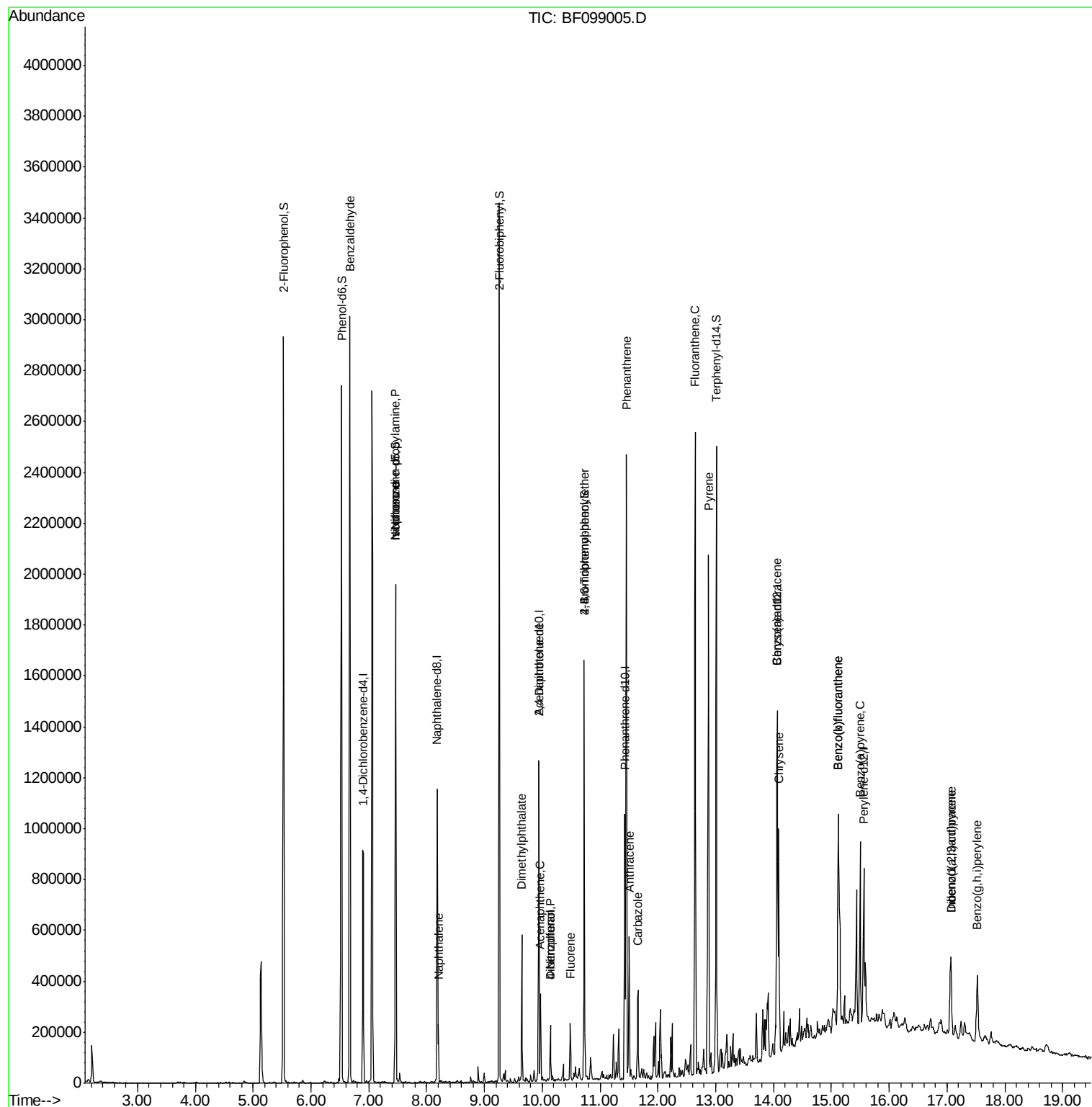
Target Compounds				Qvalue		
9) Benzaldehyde	6.67	77	19900	3.16	ng	89
19) n-Nitroso-di-n-propylamine	7.46	70	94098	13.57	ng	# 75
25) Isophorone	7.46	82	707966	39.57	ng	# 64
31) Naphthalene	8.20	128	86202	3.31	ng	99
49) Dimethylphthalate	9.65	163	232129	13.25	ng	99
51) Acenaphthene	9.97	154	69849	4.81	ng	98
54) Dibenzofuran	10.15	168	83877	4.34	ng	98
55) 4-Nitrophenol	10.15	139	30937	8.23	ng	# 10
56) 2,4-Dinitrotoluene	9.94	165	30941	6.25	ng	# 23
57) Fluorene	10.49	166	57243	3.68	ng	99
66) 4-Bromophenyl-phenylether	10.73	248	12122	3.51	ng	# 1
70) Phenanthrene	11.46	178	929529	49.16	ng	99
71) Anthracene	11.50	178	204347	10.56	ng	98
72) Carbazole	11.66	167	133016	7.02	ng	99
74) Fluoranthene	12.64	202	933765	48.77	ng	100
77) Pyrene	12.87	202	827711	43.70	ng	99
80) Benzo(a)anthracene	14.06	228	399558	26.56	ng	99
82) Chrysene	14.10	228	342448	23.91	ng	98
85) Indeno(1,2,3-cd)pyrene	17.07	276	198242	17.31	ng	97
87) Benzo(b)fluoranthene	15.12	252	624768	38.42	ng	# 95
88) Benzo(k)fluoranthene	15.12	252	624768	38.90	ng	# 97
89) Benzo(a)pyrene	15.50	252	307349	20.59	ng	# 94
90) Dibenzo(a,h)anthracene	17.07	278	49778	4.17	ng	# 94
91) Benzo(g,h,i)perylene	17.53	276	192392	16.29	ng	95

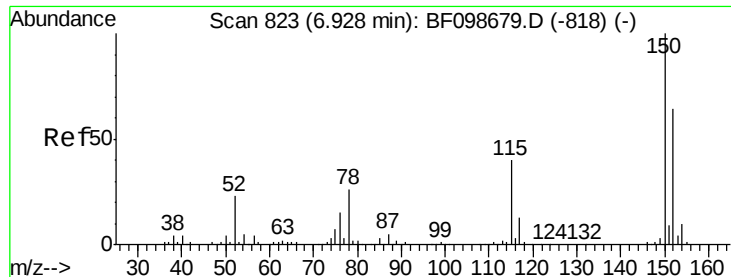
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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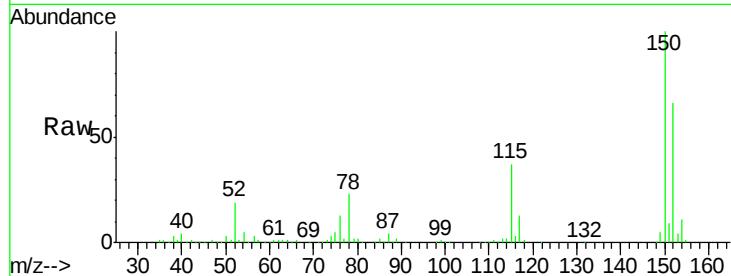


#1

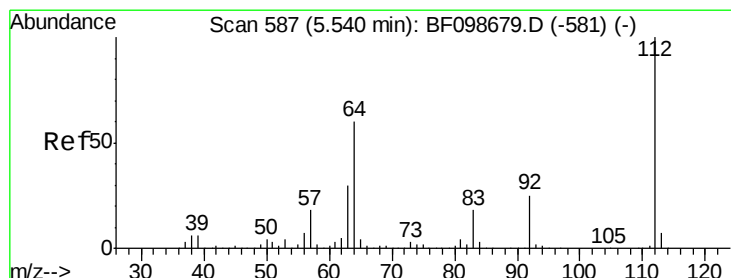
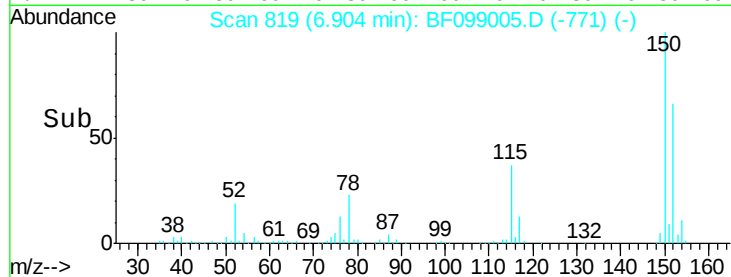
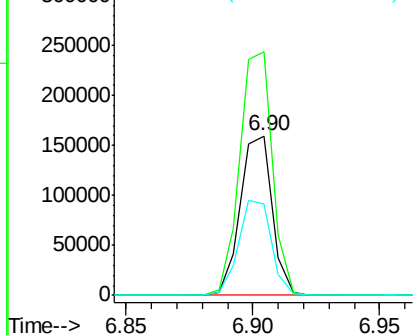
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF099005.D
Acq: 2 Oct 2017 17:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 140123
Ion Ratio Lower Upper
152 100
150 152.6 124.6 186.8
115 57.2 50.1 75.1



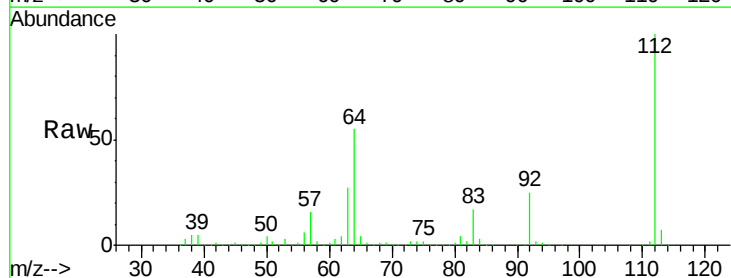
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



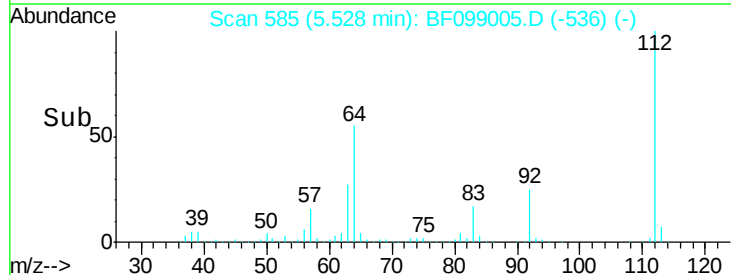
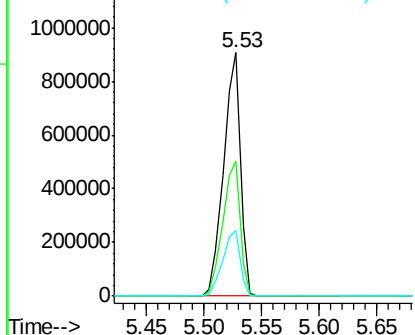
#5

2-Fluorophenol
Concen: 104.38 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF099005.D
Acq: 2 Oct 2017 17:48

Tgt Ion:112 Resp: 918810
Ion Ratio Lower Upper
112 100
64 55.5 47.9 71.9
63 27.2 23.7 35.5



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: 105.40 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF099005.D

Acq: 2 Oct 2017 17:48

Instrument :

BNA_F

ClientSampled :

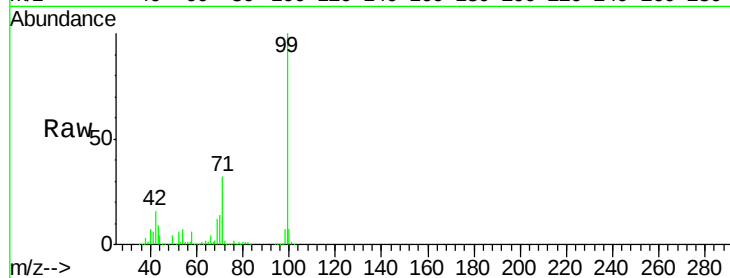
Tot Ion: 99 Resp: 1144462

Ion Ratio Lower Upper

99 100

42 16.5 14.5 21.7

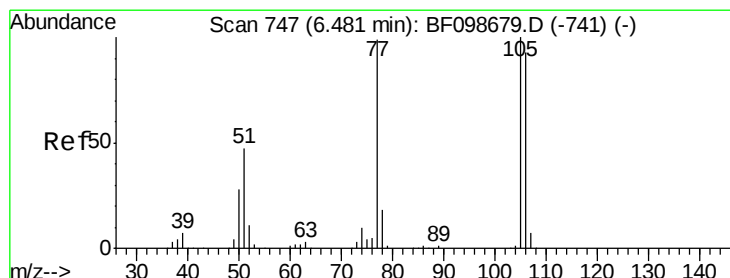
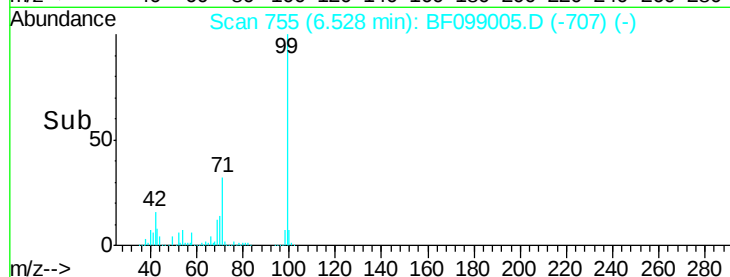
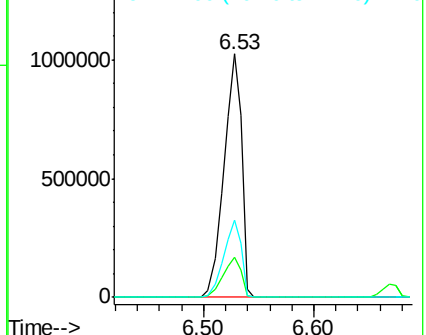
71 31.7 25.4 38.0



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



#9

Benzaldehyde

Concen: 3.16 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.20 min

Lab File: BF099005.D

Acq: 2 Oct 2017 17:48

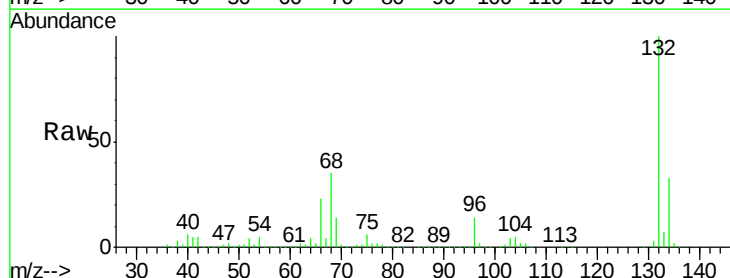
Tgt Ion: 77 Resp: 19900

Ion Ratio Lower Upper

77 100

105 87.9 81.1 121.1

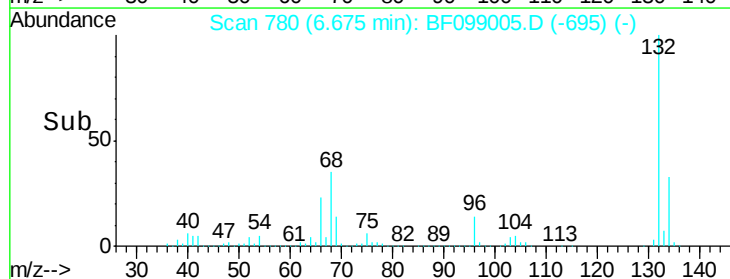
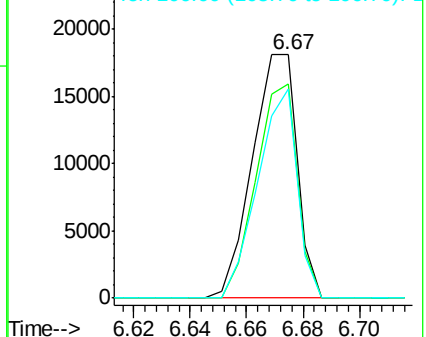
106 86.1 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0

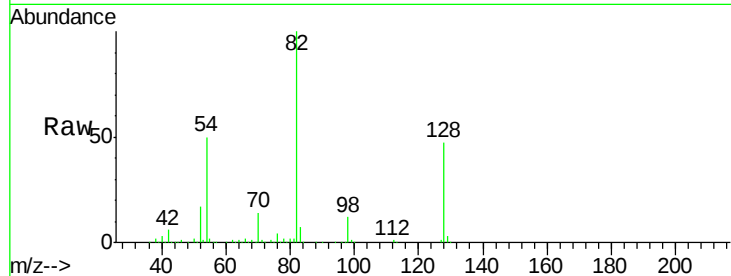




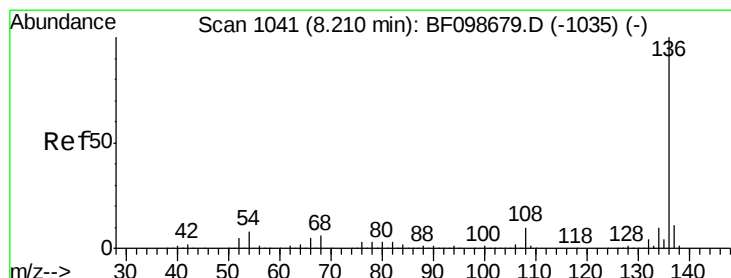
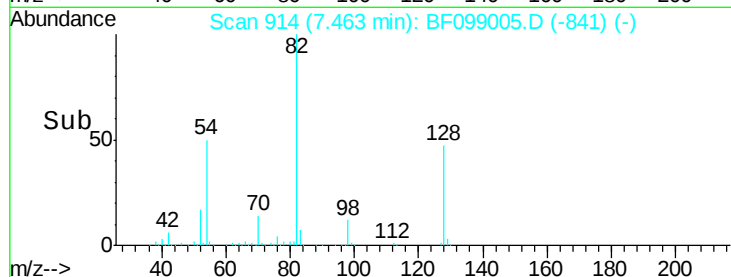
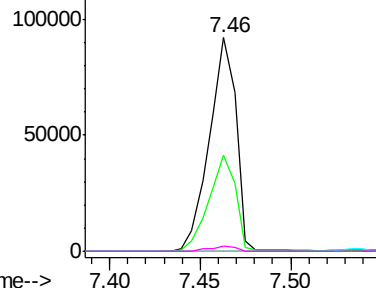
#19
n-Nitroso-di-n-propylamine
Concen: 13.57 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.13 min
Lab File: BF099005.D
Acq: 2 Oct 2017 17:48

Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 94098
Ion Ratio Lower Upper
70 100
42 45.0 47.5 71.3#
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#

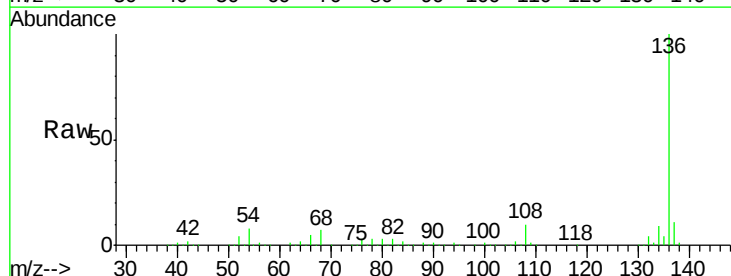


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

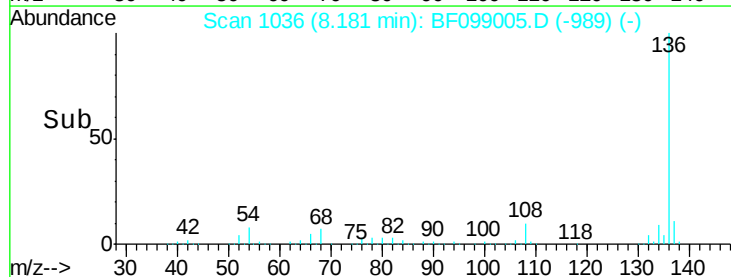
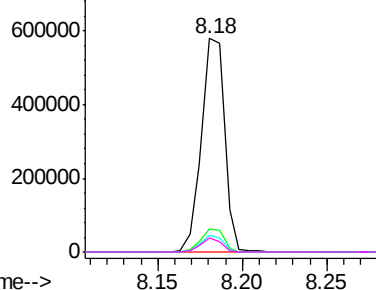


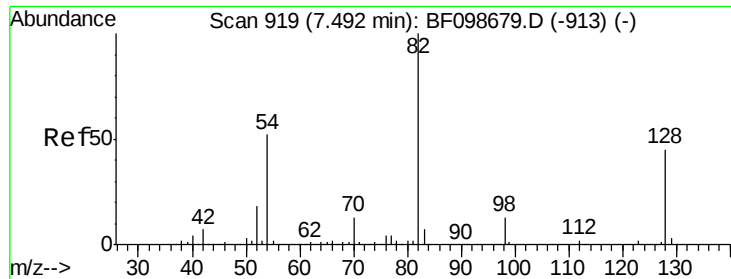
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF099005.D
Acq: 2 Oct 2017 17:48

Tgt Ion:136 Resp: 555029
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.1 6.6 9.8
68 6.6 5.0 7.4



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

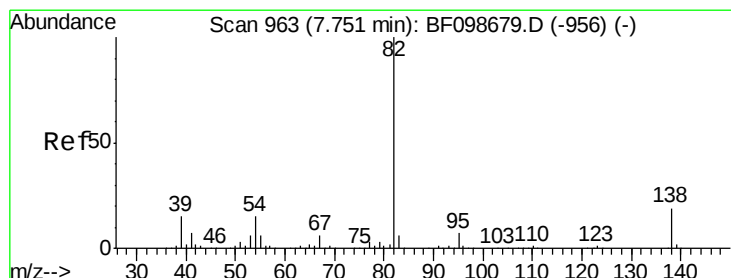
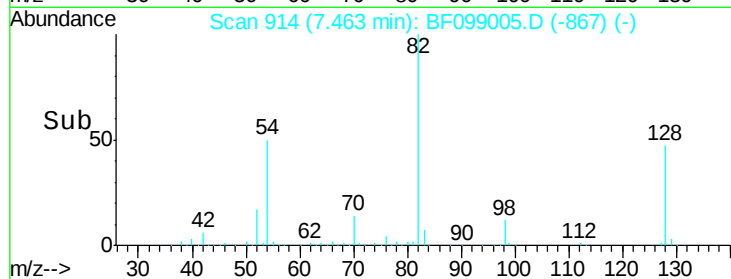
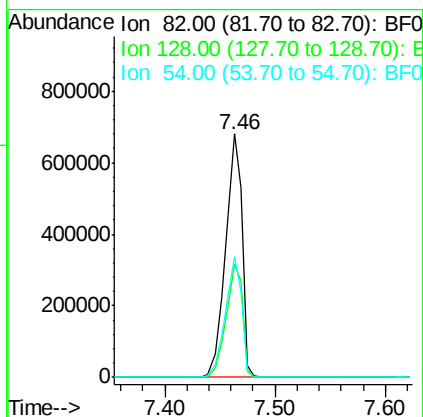
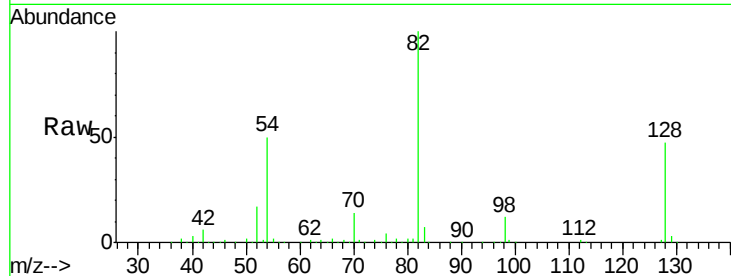




#23
 Nitrobenzene-d5
 Concen: 82.09 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.02 min
 Lab File: BF099005.D
 Acq: 2 Oct 2017 17:48

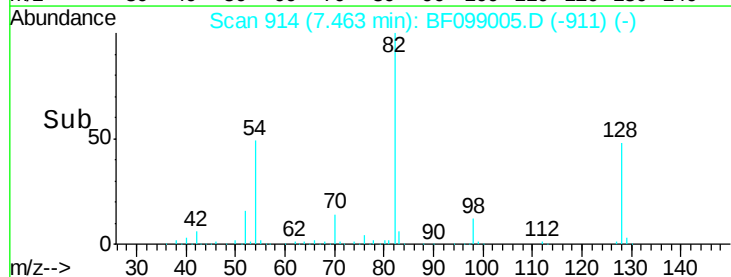
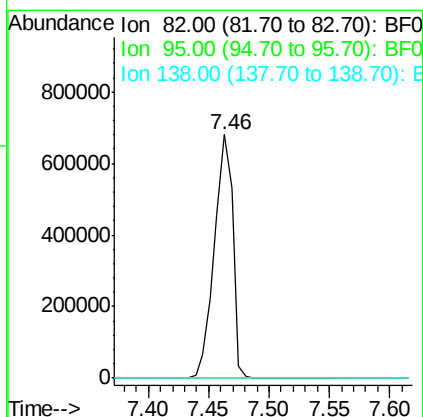
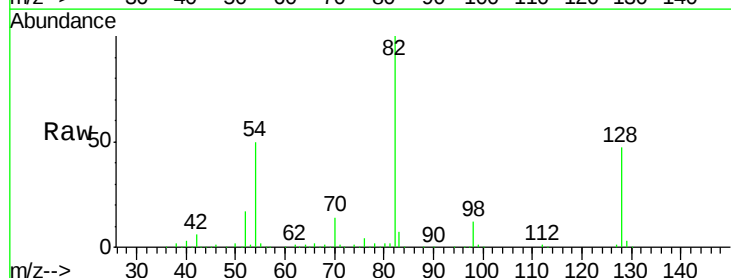
Instrument :
 BNA_F
 ClientSampleId :

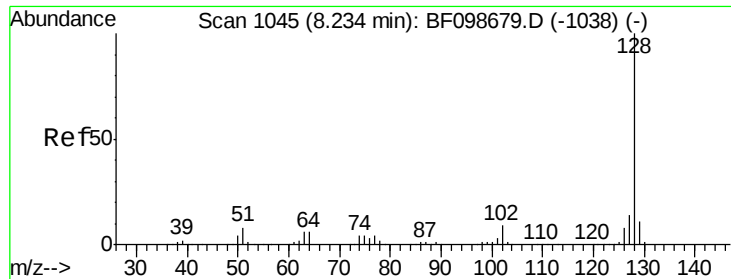
Tot Ion: 82 Resp: 710452
 Ion Ratio Lower Upper
 82 100
 128 46.5 36.1 54.1
 54 49.5 41.4 62.2



#25
 Isophorone
 Concen: 39.57 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.28 min
 Lab File: BF099005.D
 Acq: 2 Oct 2017 17:48

Tgt Ion: 82 Resp: 707966
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#

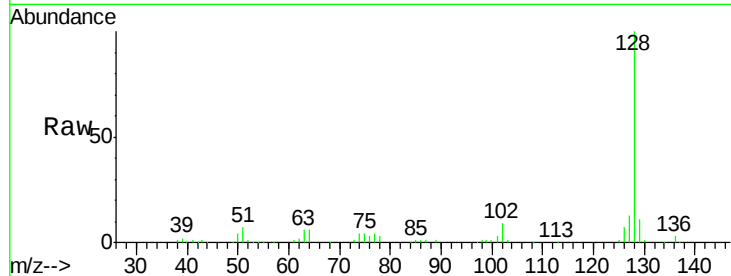




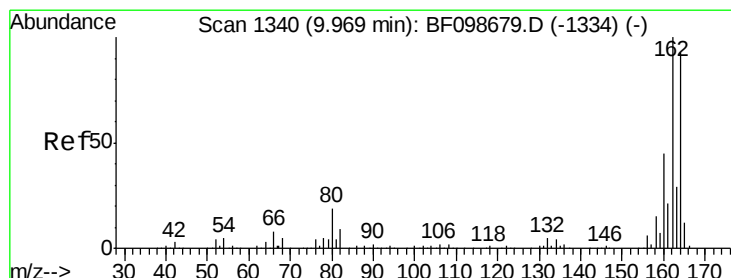
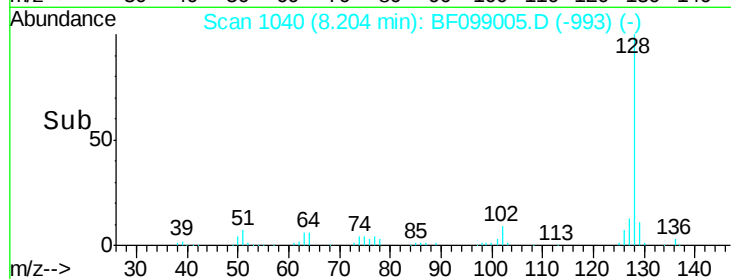
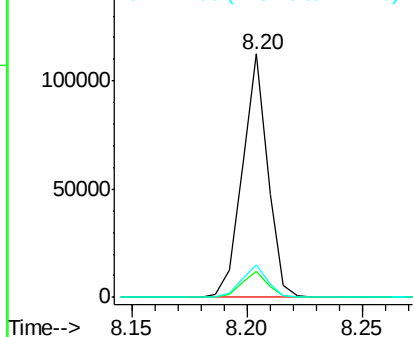
#31
Naphthalene
Concen: 3.31 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BF099005.D
Acq: 2 Oct 2017 17:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 86202
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 13.1 10.9 16.3

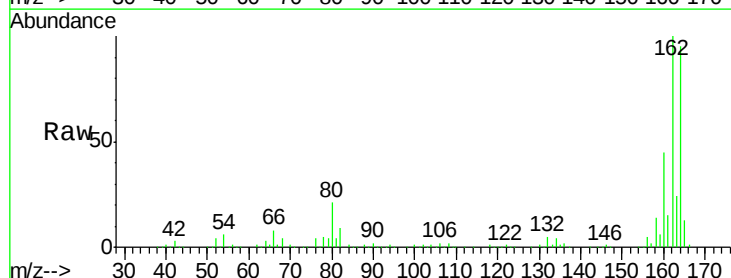


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

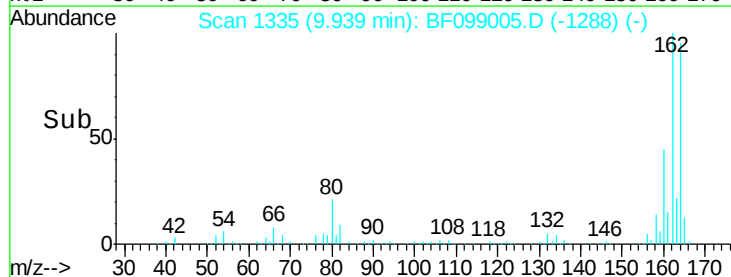
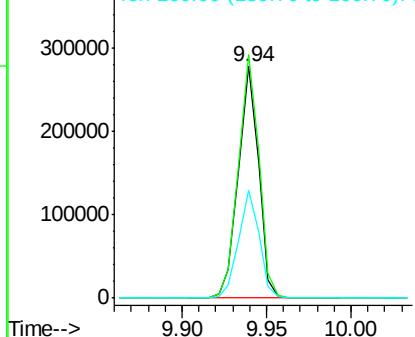


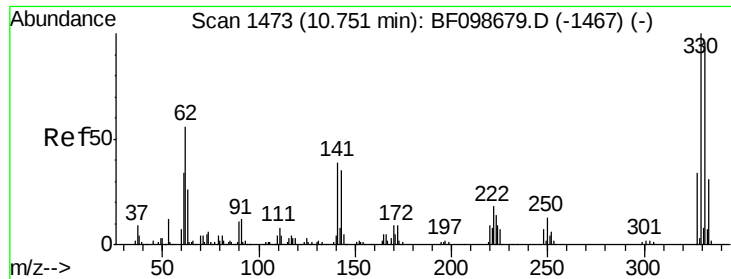
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BF099005.D
Acq: 2 Oct 2017 17:48

Tgt Ion:164 Resp: 232108
Ion Ratio Lower Upper
164 100
162 104.9 86.1 129.1
160 46.7 38.3 57.5



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: 93.34 ng

RT: 10.73 min Scan# 1469

Delta R.T. -0.02 min

Lab File: BF099005.D

Acq: 2 Oct 2017 17:48

Instrument :

BNA_F

ClientSampled :

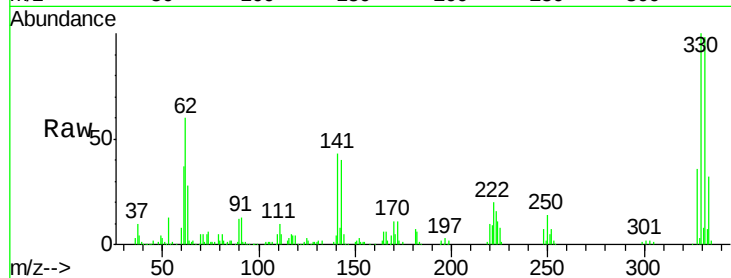
Tot Ion:330 Resp: 177283

Ion Ratio Lower Upper

330 100

332 97.4 77.0 115.6

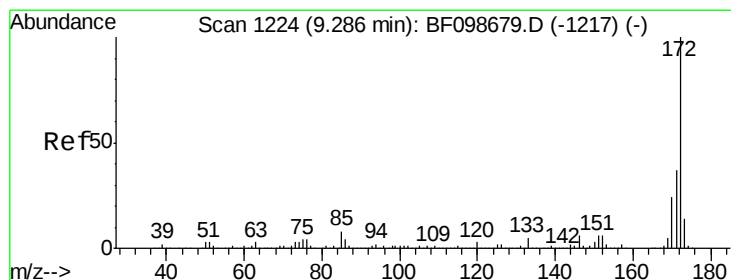
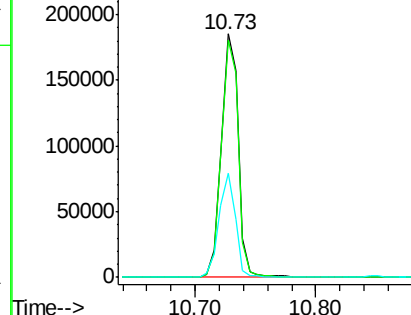
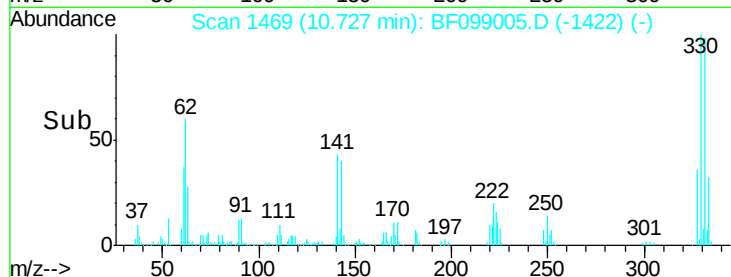
141 41.7 29.9 44.9



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: 84.15 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.02 min

Lab File: BF099005.D

Acq: 2 Oct 2017 17:48

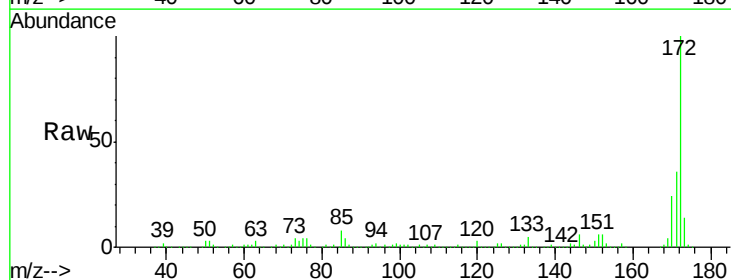
Tgt Ion:172 Resp: 1169980

Ion Ratio Lower Upper

172 100

171 35.6 29.7 44.5

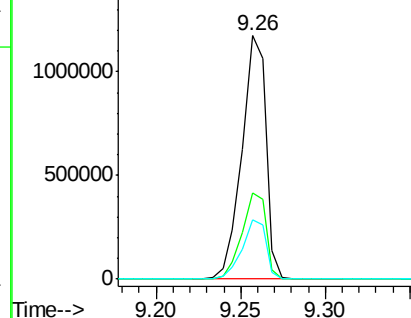
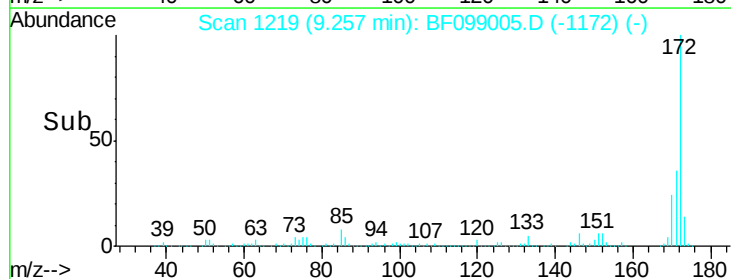
170 24.2 19.6 29.4

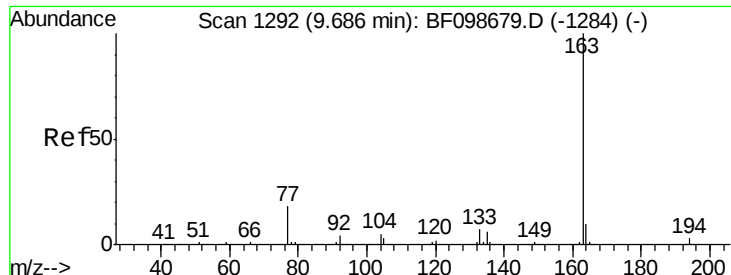


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

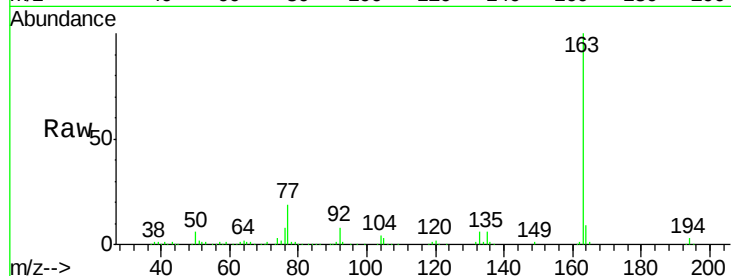




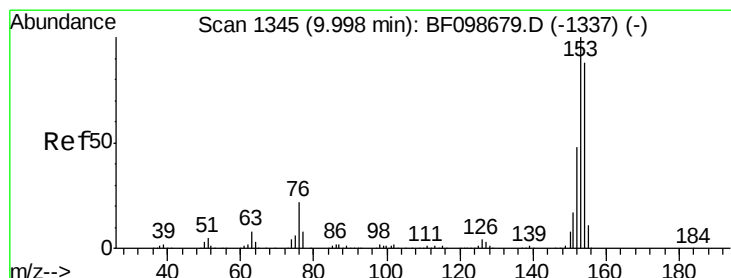
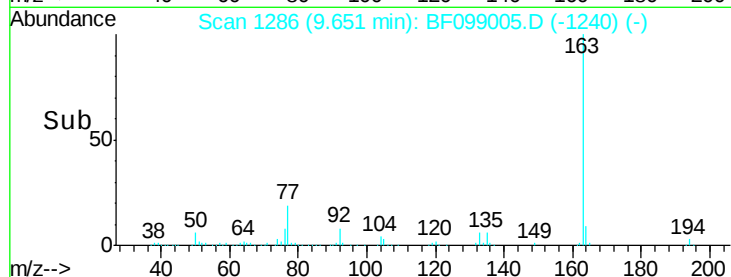
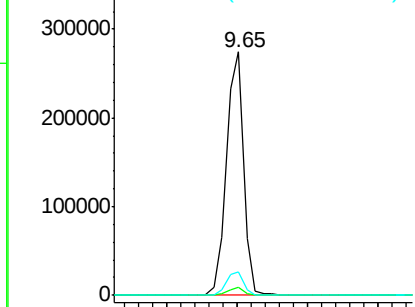
#49
Dimethylphthalate
Concen: 13.25 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.03 min
Lab File: BF099005.D
Acq: 2 Oct 2017 17:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 232129
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.5 8.2 12.2

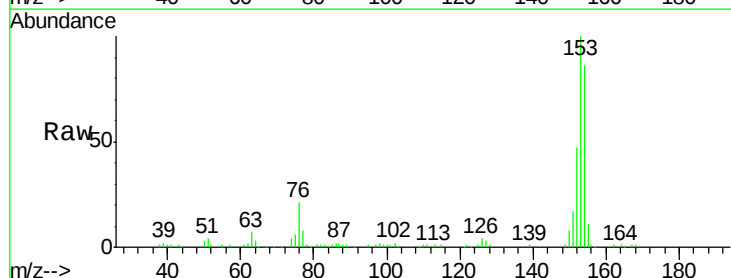


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

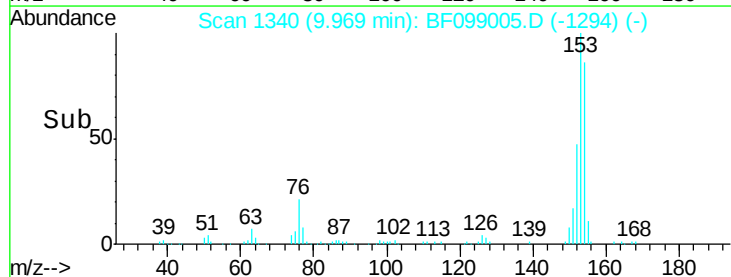
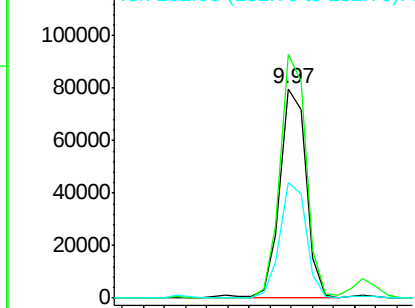


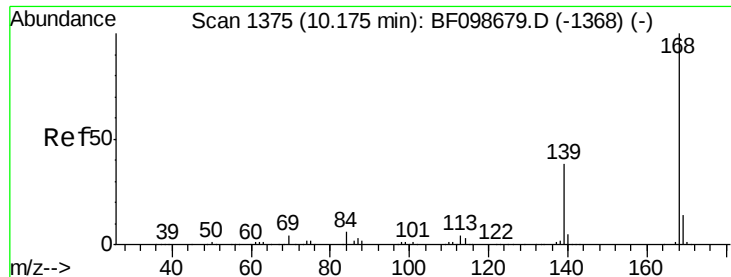
#51
Acenaphthene
Concen: 4.81 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BF099005.D
Acq: 2 Oct 2017 17:48

Tgt Ion:154 Resp: 69849
Ion Ratio Lower Upper
154 100
153 116.2 91.2 136.8
152 55.2 43.8 65.8



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

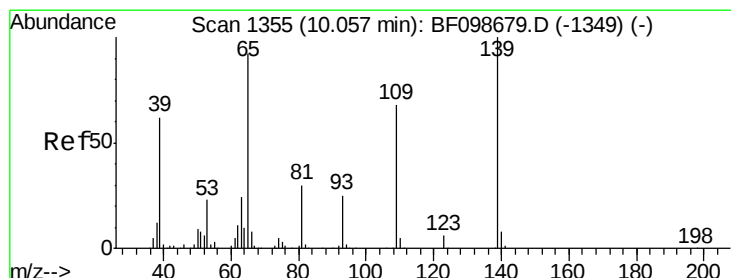
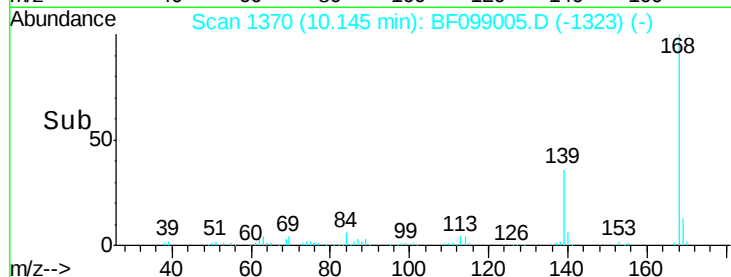
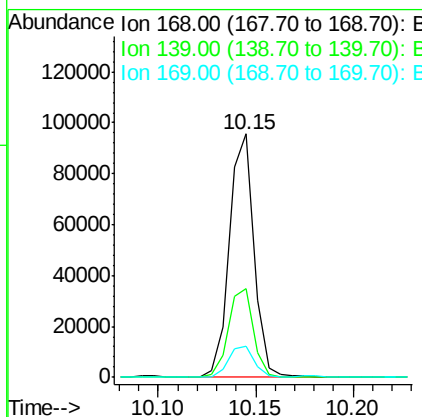
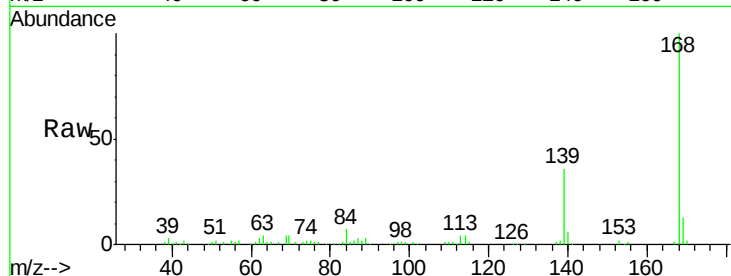




#54
Dibenzenofuran
Concen: 4.34 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BF099005.D
Acq: 2 Oct 2017 17:48

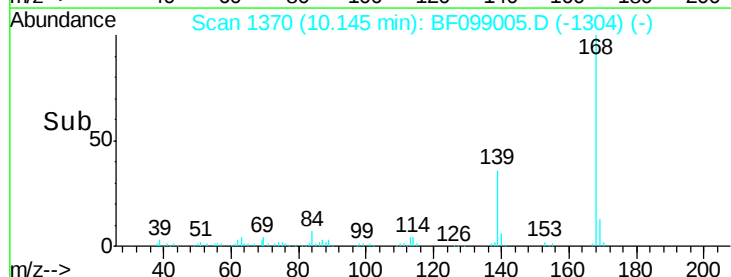
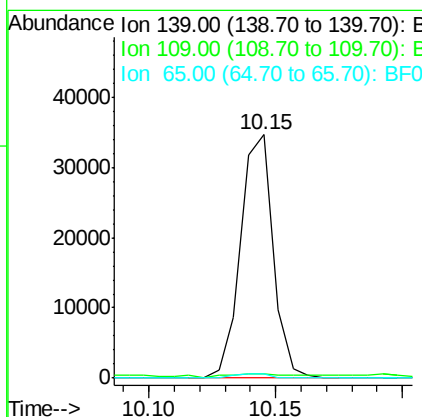
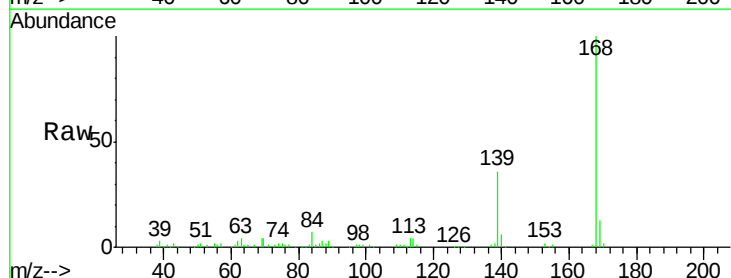
Instrument :
BNA_F
ClientSampleId :

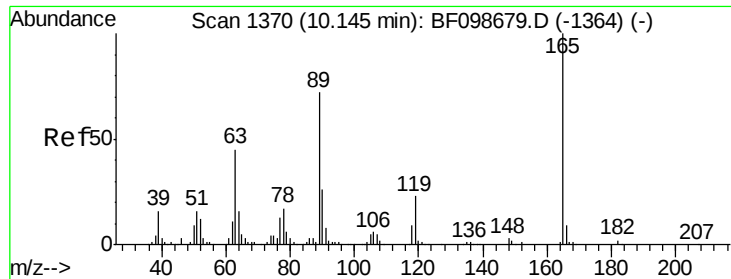
Tot Ion:168 Resp: 83877
Ion Ratio Lower Upper
168 100
139 36.3 30.1 45.1
169 12.9 10.9 16.3



#55
4-Nitrophenol
Concen: 8.23 ng
RT: 10.15 min Scan# 1370
Delta R.T. 0.09 min
Lab File: BF099005.D
Acq: 2 Oct 2017 17:48

Tgt Ion:139 Resp: 30937
Ion Ratio Lower Upper
139 100
109 1.9 48.4 88.4#
65 1.6 72.6 112.6#

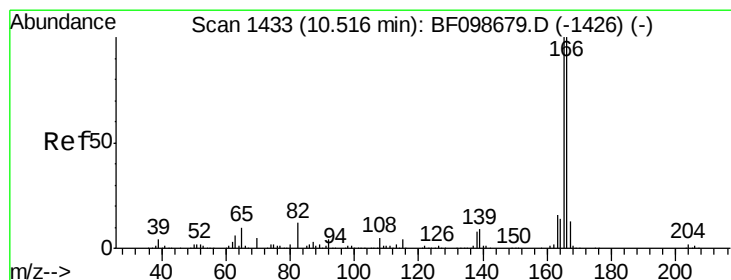
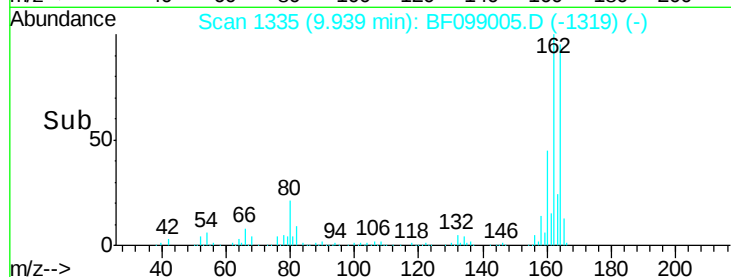
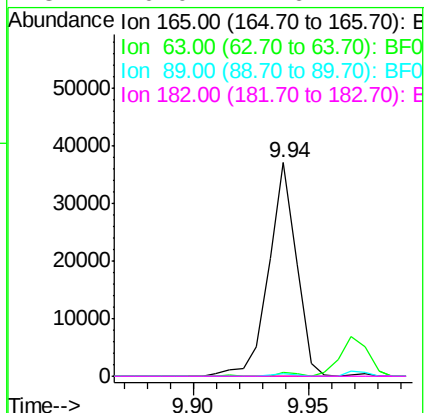
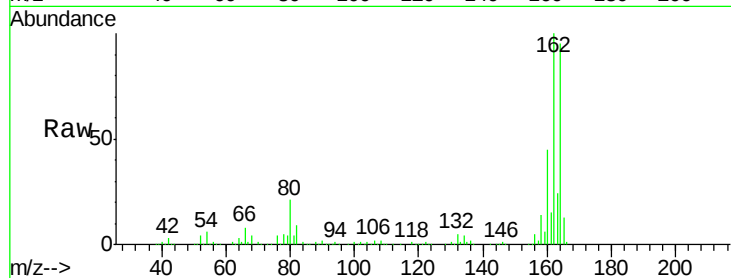




#56
2,4-Dinitrotoluene
Concen: 6.25 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.21 min
Lab File: BF099005.D
Acq: 2 Oct 2017 17:48

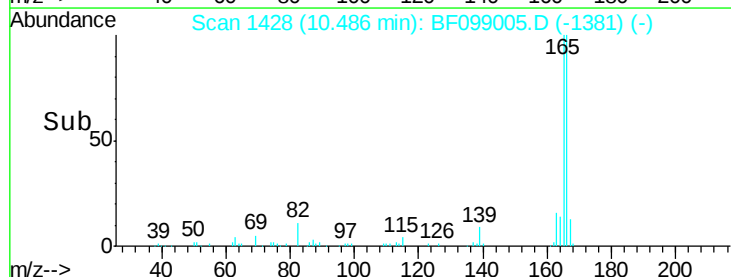
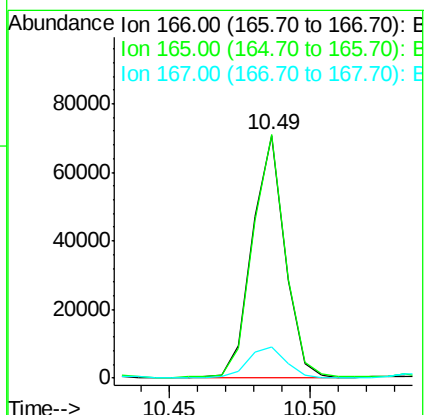
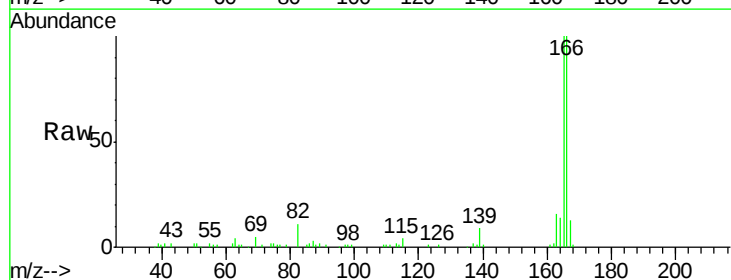
Instrument :
BNA_F
ClientSampled :

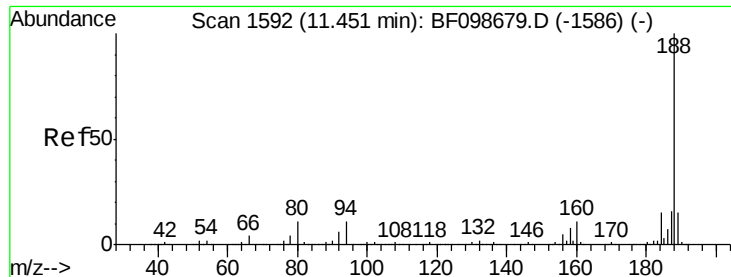
Tot Ion:165 Resp: 30941
Ion Ratio Lower Upper
165 100
63 1.5 36.4 54.6#
89 1.0 57.8 86.6#
182 0.0 1.6 2.4#



#57
Fluorene
Concen: 3.68 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.02 min
Lab File: BF099005.D
Acq: 2 Oct 2017 17:48

Tgt Ion:166 Resp: 57243
Ion Ratio Lower Upper
166 100
165 100.4 79.8 119.8
167 13.0 10.6 16.0

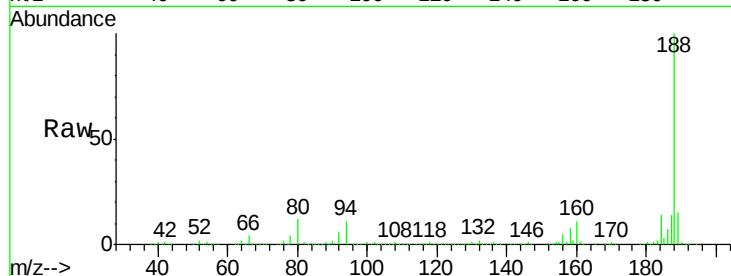




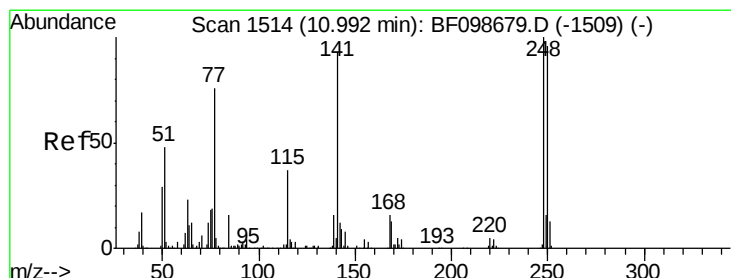
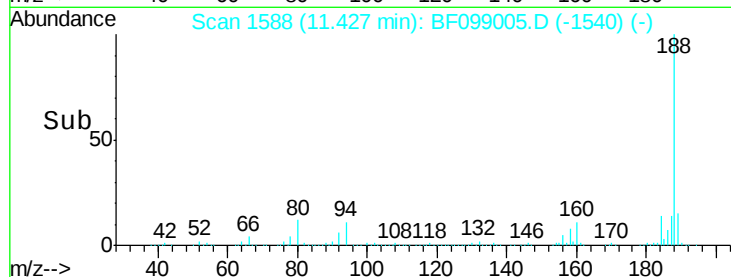
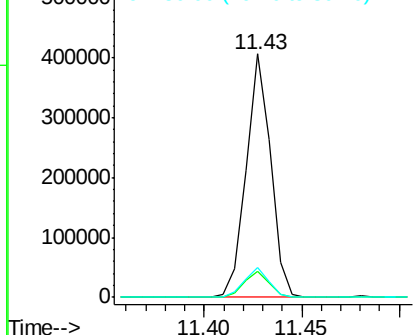
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.02 min
Lab File: BF099005.D
Acq: 2 Oct 2017 17:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 353260
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 12.1 9.2 13.8

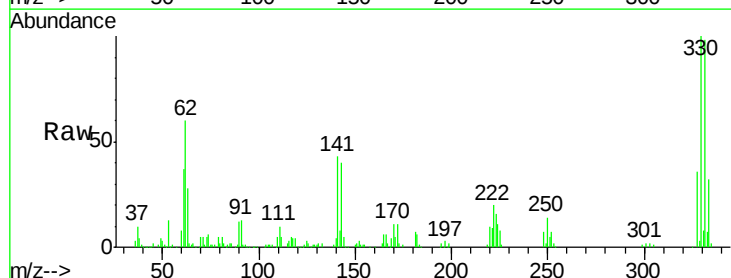


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

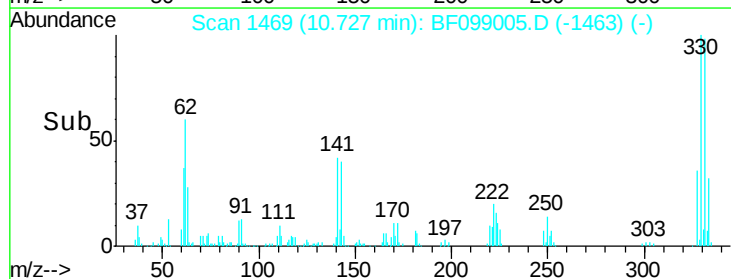
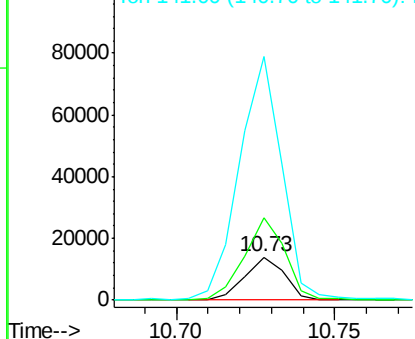


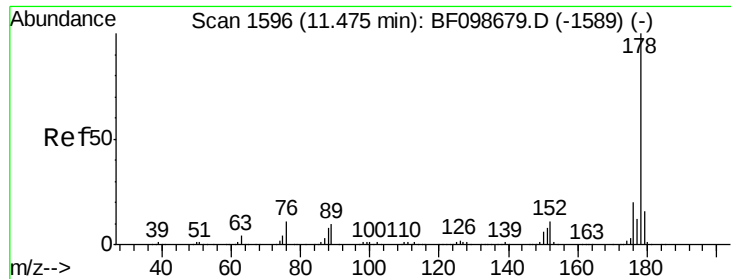
#66
4-Bromophenyl-phenylether
Concen: 3.51 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.26 min
Lab File: BF099005.D
Acq: 2 Oct 2017 17:48

Tgt Ion:248 Resp: 12122
Ion Ratio Lower Upper
248 100
250 192.5 76.9 115.3#
141 567.7 74.4 111.6#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

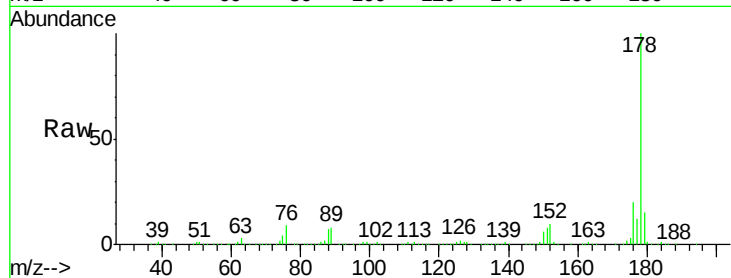




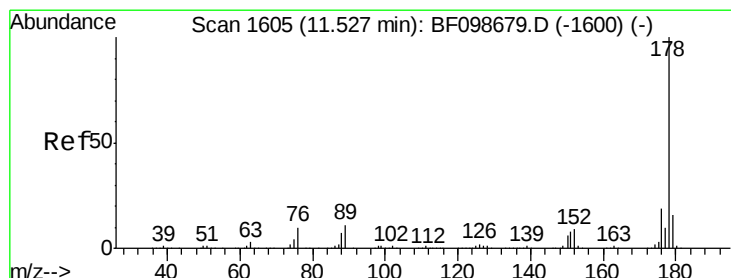
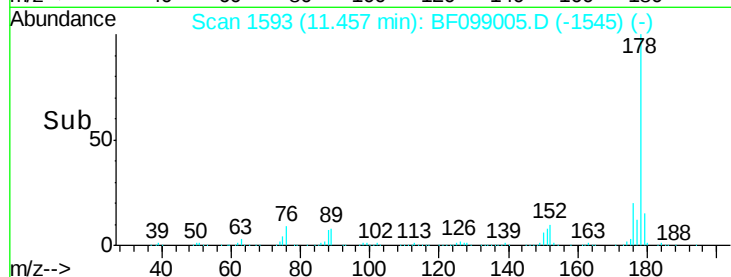
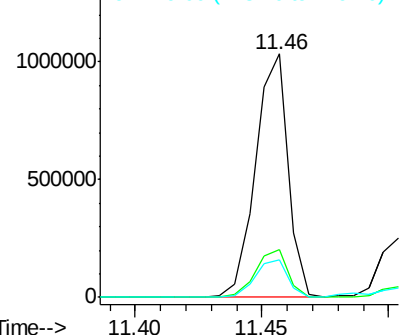
#70
 Phenanthrene
 Concen: 49.16 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. -0.02 min
 Lab File: BF099005.D
 Acq: 2 Oct 2017 17:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 929529
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.5 13.0 19.6

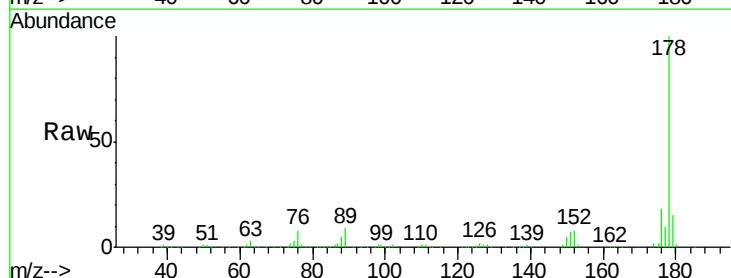


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

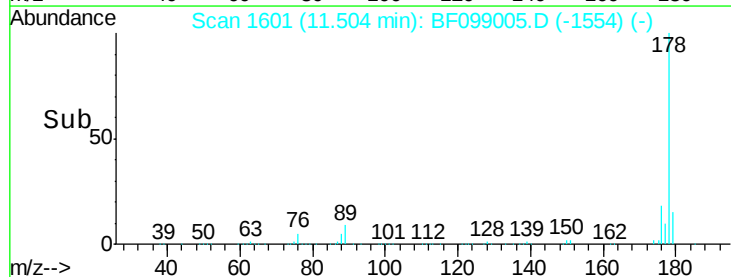
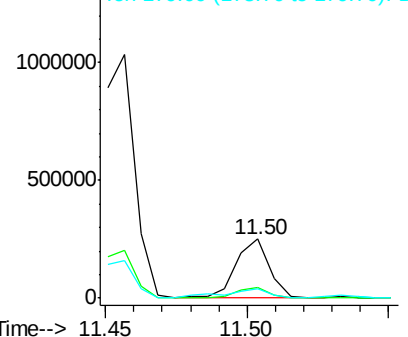


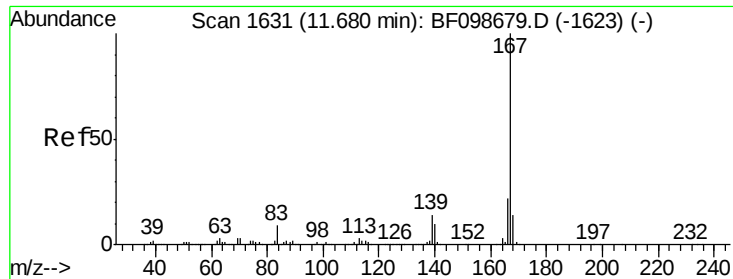
#71
 Anthracene
 Concen: 10.56 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.02 min
 Lab File: BF099005.D
 Acq: 2 Oct 2017 17:48

Tgt Ion:178 Resp: 204347
 Ion Ratio Lower Upper
 178 100
 176 18.2 15.4 23.2
 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

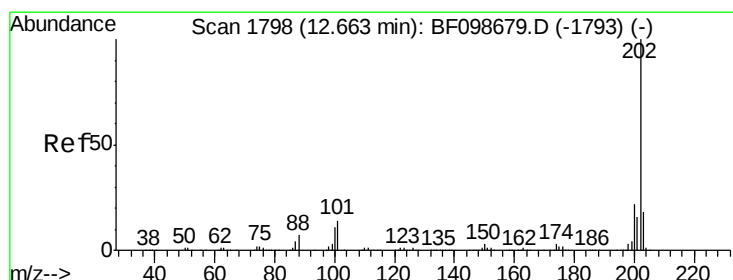
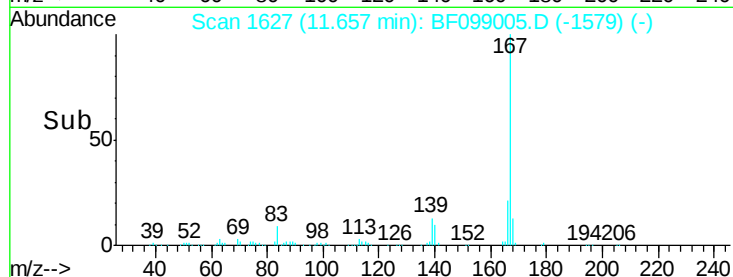
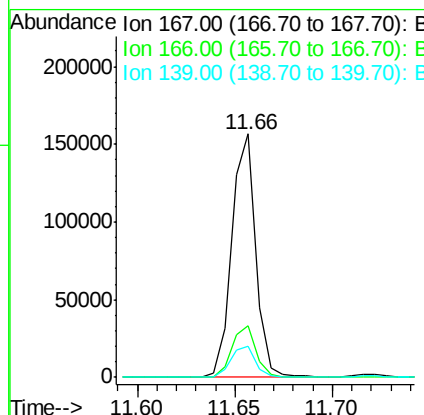
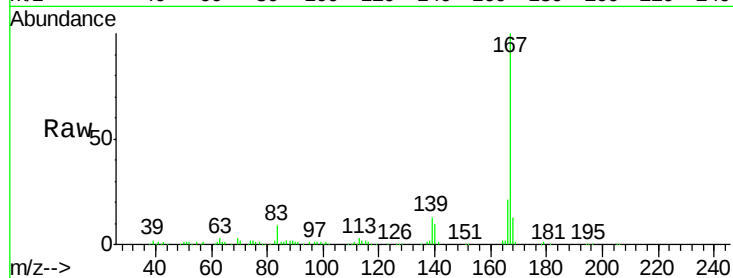




#72
 Carbazole
 Concen: 7.02 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. -0.02 min
 Lab File: BF099005.D
 Acq: 2 Oct 2017 17:48

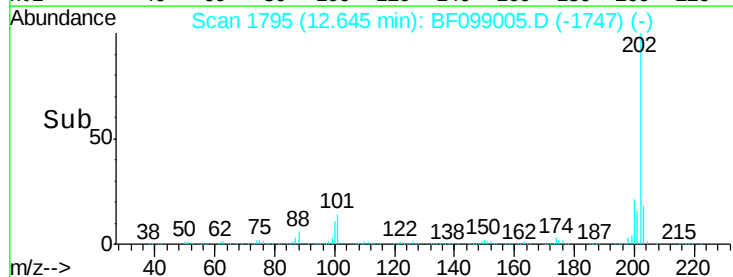
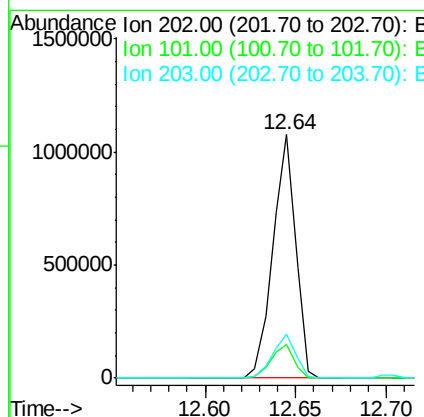
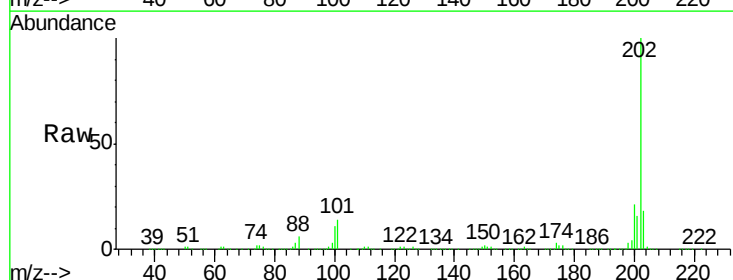
Instrument :
 BNA_F
 ClientSampleId :

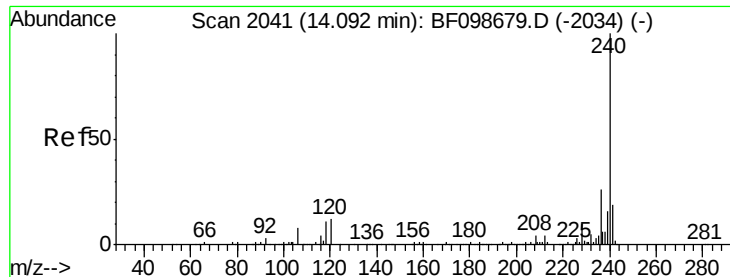
Tot Ion:167 Resp: 133016
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.6 26.4
 139 12.8 10.9 16.3



#74
 Fluoranthene
 Concen: 48.77 ng
 RT: 12.64 min Scan# 1795
 Delta R.T. -0.02 min
 Lab File: BF099005.D
 Acq: 2 Oct 2017 17:48

Tgt Ion:202 Resp: 933765
 Ion Ratio Lower Upper
 202 100
 101 13.9 0.0 34.1
 203 18.0 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.02 min

Lab File: BF099005.D

Acq: 2 Oct 2017 17:48

Instrument :

BNA_F

ClientSampleId :

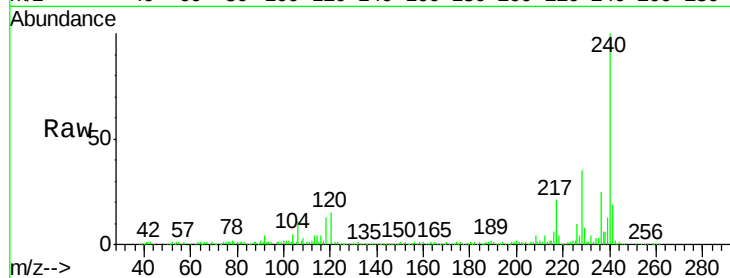
Tot Ion:240 Resp: 248405

Ion Ratio Lower Upper

240 100

120 15.1 9.5 14.3#

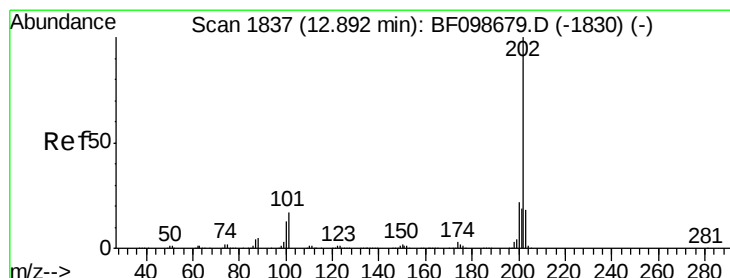
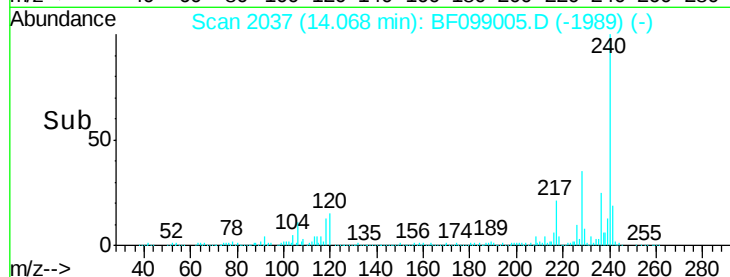
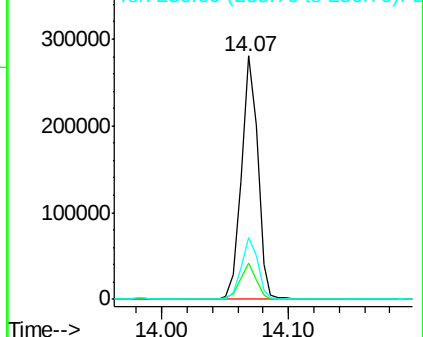
236 25.2 20.7 31.1



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: 43.70 ng

RT: 12.87 min Scan# 1834

Delta R.T. -0.02 min

Lab File: BF099005.D

Acq: 2 Oct 2017 17:48

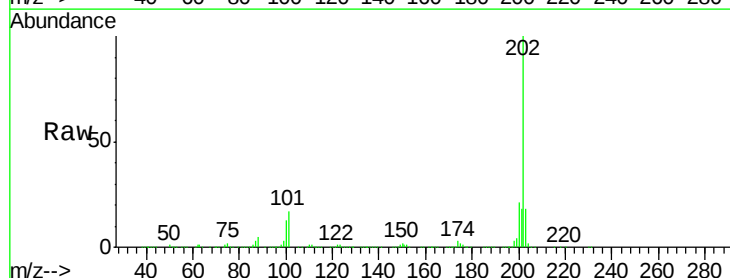
Tgt Ion:202 Resp: 827711

Ion Ratio Lower Upper

202 100

200 21.3 17.4 26.2

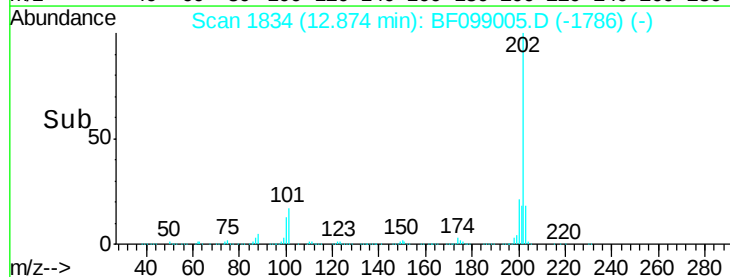
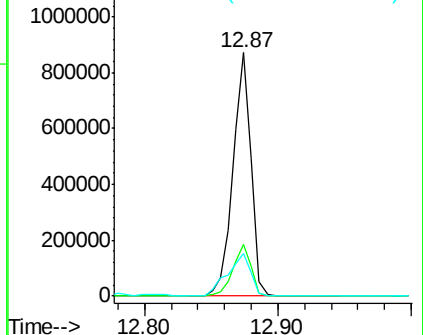
203 17.7 14.3 21.5

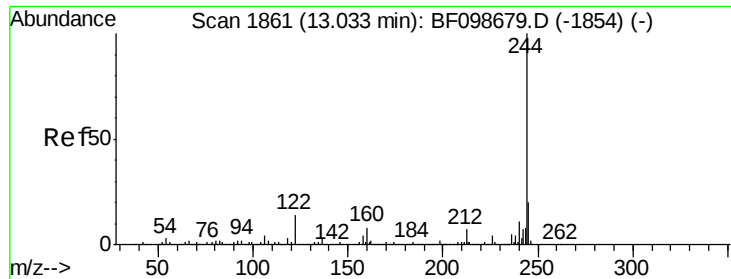


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 69.10 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.02 min

Lab File: BF099005.D

Acq: 2 Oct 2017 17:48

Instrument :

BNA_F

ClientSampled :

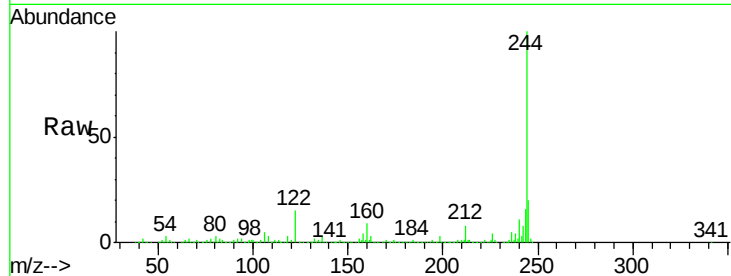
Tot Ion:244 Resp: 754762

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.0

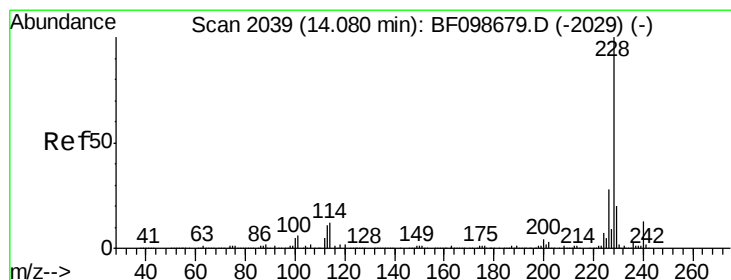
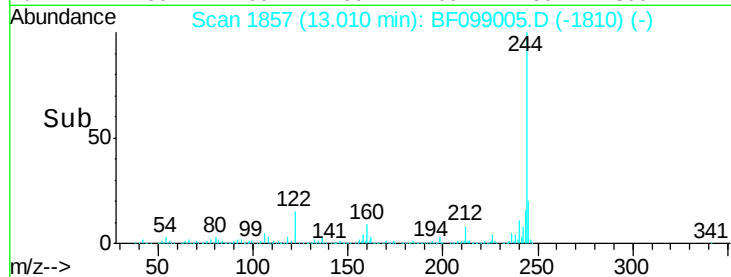
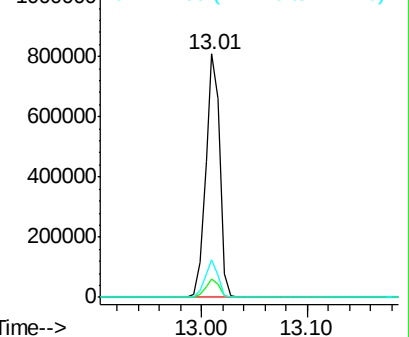
122 15.3 11.0 16.4



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: 26.56 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.02 min

Lab File: BF099005.D

Acq: 2 Oct 2017 17:48

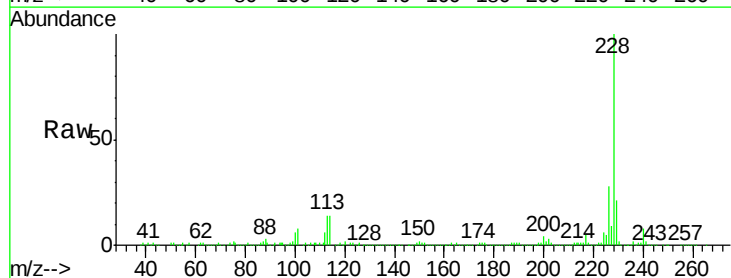
Tgt Ion:228 Resp: 399558

Ion Ratio Lower Upper

228 100

226 28.3 22.6 33.8

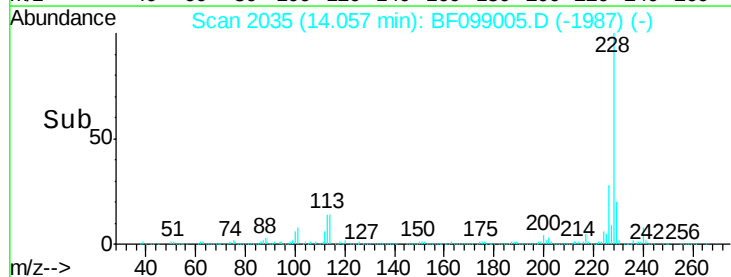
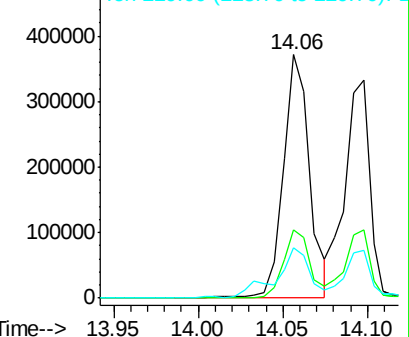
229 20.6 15.8 23.6

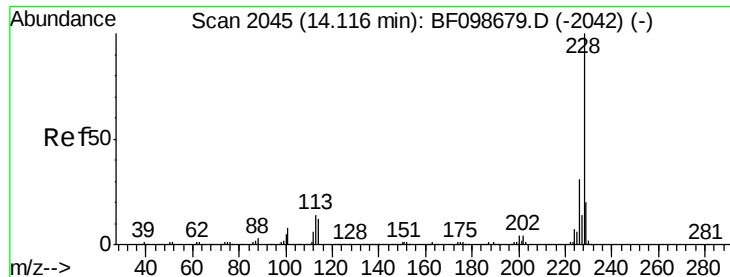


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

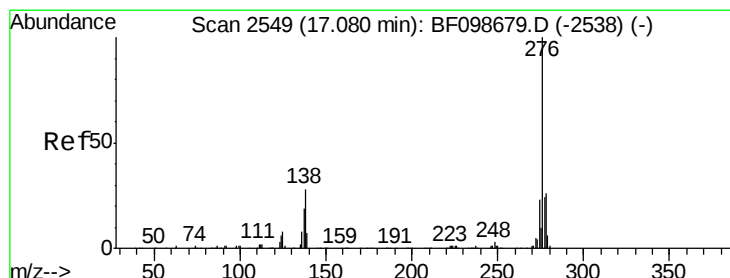
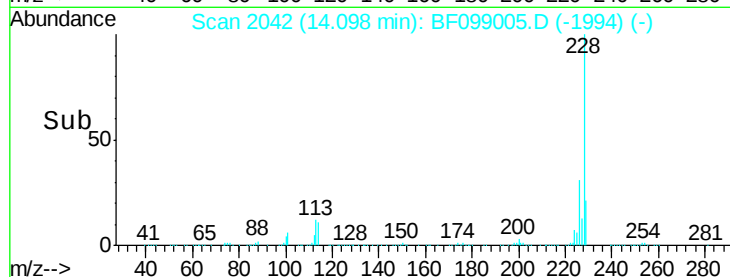
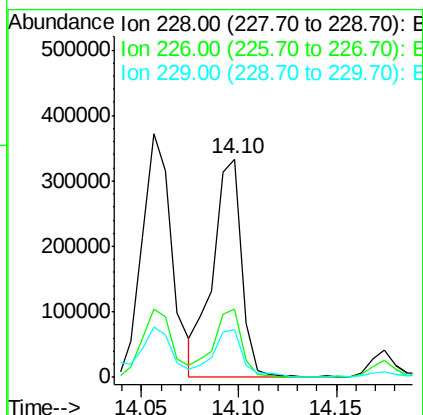
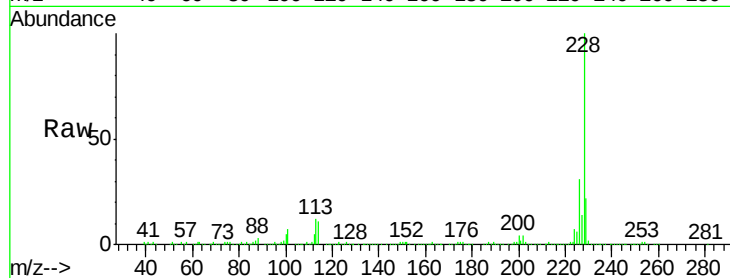




#82
Chrysene
Concen: 23.91 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.02 min
Lab File: BF099005.D
Acq: 2 Oct 2017 17:48

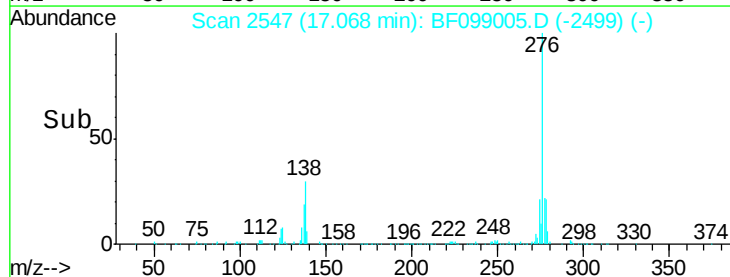
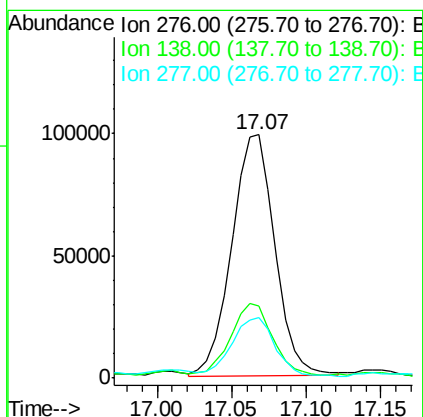
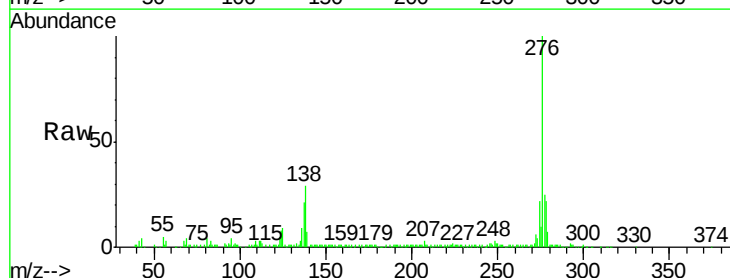
Instrument :
BNA_F
ClientSampled :

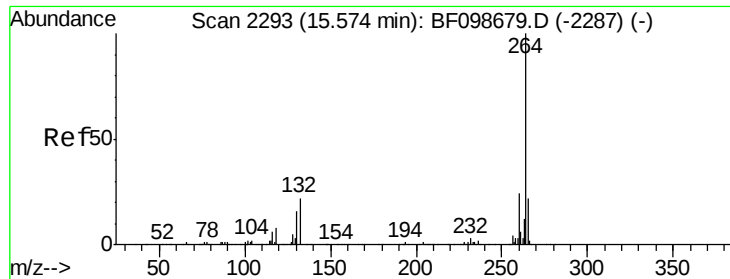
Tot Ion:228 Resp: 342448
Ion Ratio Lower Upper
228 100
226 31.0 25.0 37.6
229 21.7 16.2 24.4



#85
Indeno(1,2,3-cd)pyrene
Concen: 17.31 ng
RT: 17.07 min Scan# 2547
Delta R.T. -0.02 min
Lab File: BF099005.D
Acq: 2 Oct 2017 17:48

Tgt Ion:276 Resp: 198242
Ion Ratio Lower Upper
276 100
138 29.3 25.0 37.6
277 24.3 20.1 30.1

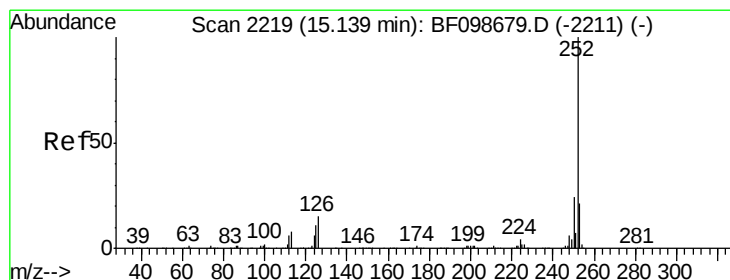
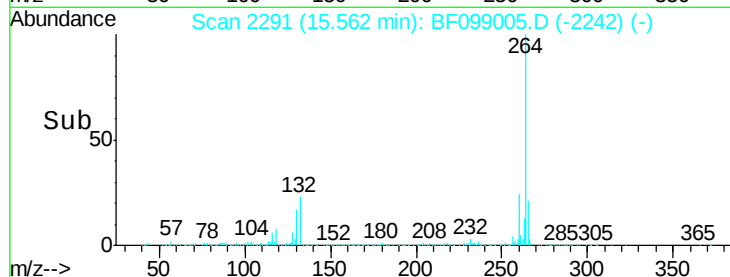
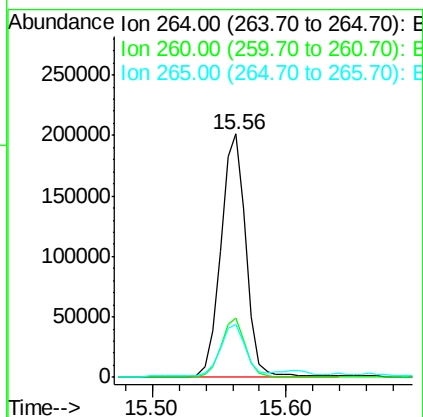
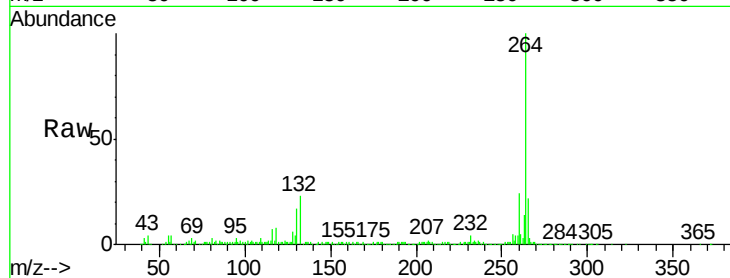




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF099005.D
Acq: 2 Oct 2017 17:48

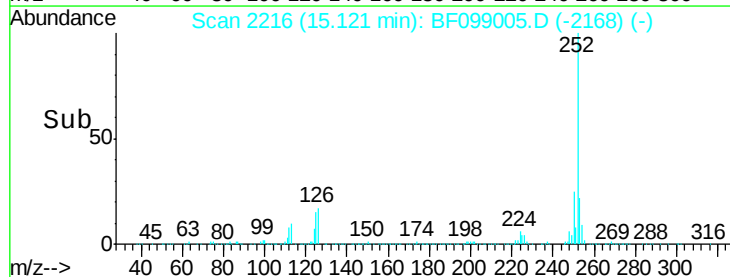
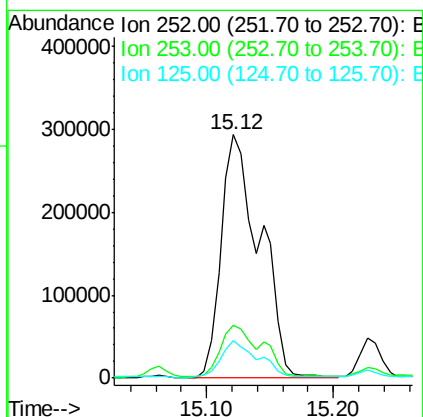
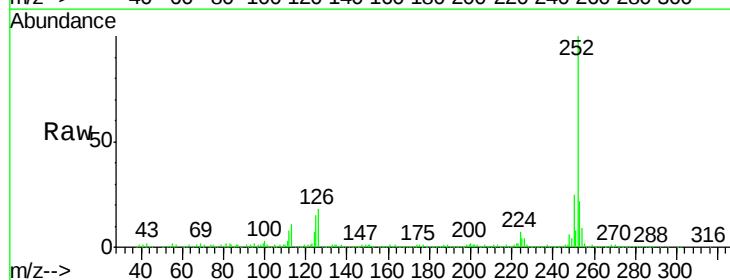
Instrument :
BNA_F
ClientSampleId :

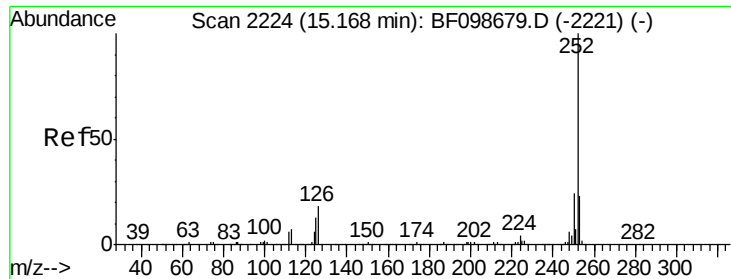
Tot Ion:264 Resp: 264488
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 21.6 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 38.42 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.02 min
Lab File: BF099005.D
Acq: 2 Oct 2017 17:48

Tgt Ion:252 Resp: 624768
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 15.4 9.0 13.6#





#88

Benzo(k)fluoranthene

Concen: 38.90 ng

RT: 15.12 min Scan# 2216

Delta R.T. -0.05 min

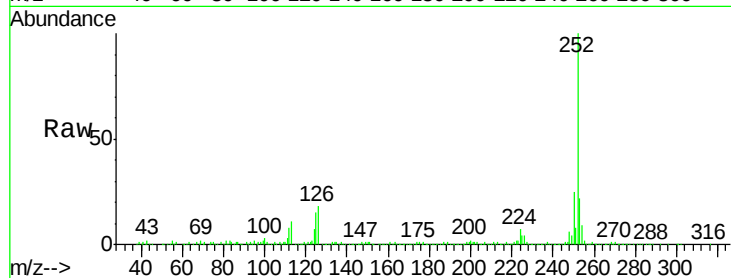
Lab File: BF099005.D

Acq: 2 Oct 2017 17:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 624768

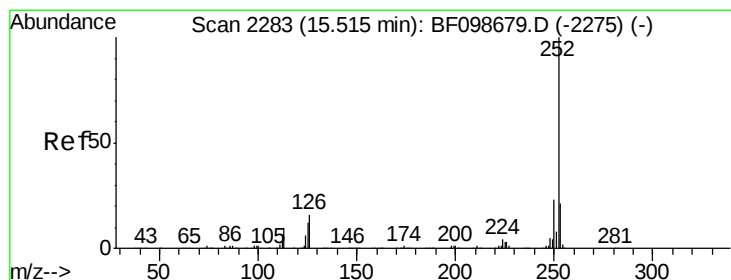
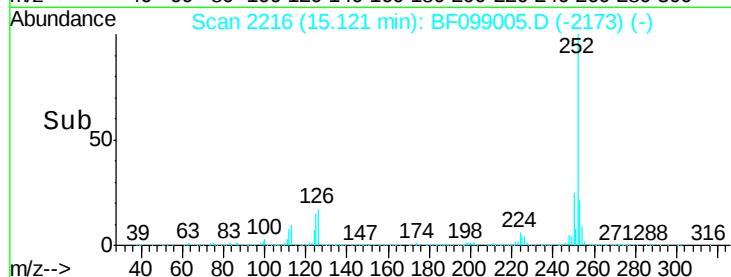
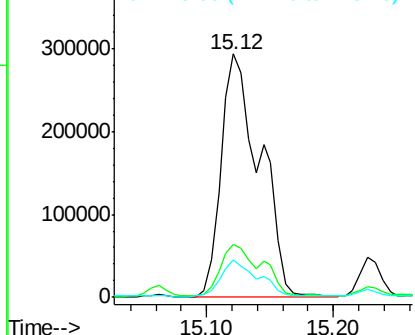
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	15.4	10.2	15.2#



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: 20.59 ng

RT: 15.50 min Scan# 2280

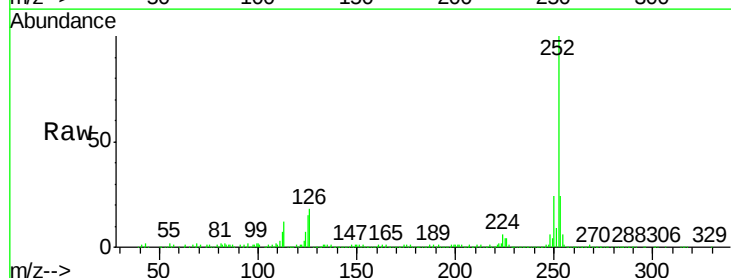
Delta R.T. -0.02 min

Lab File: BF099005.D

Acq: 2 Oct 2017 17:48

Tgt Ion:252 Resp: 307349

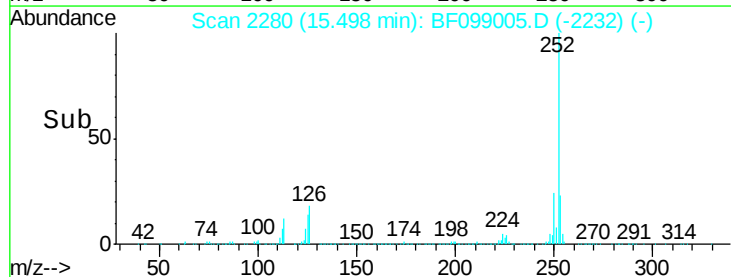
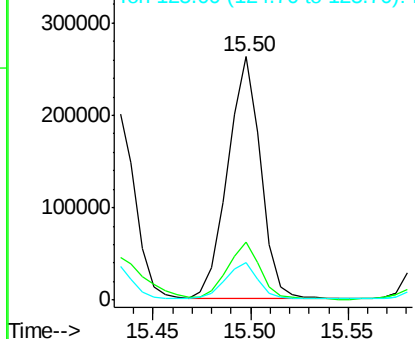
Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.1	25.7
125	15.2	9.8	14.6#

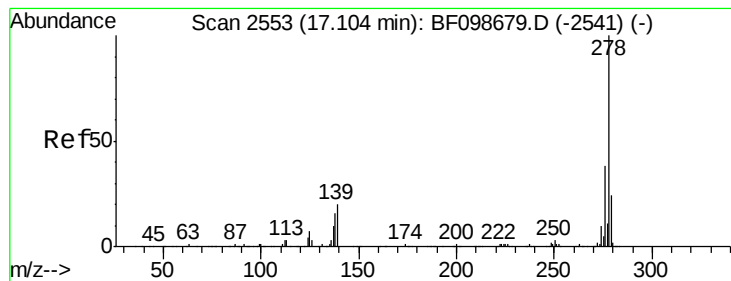


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 4.17 ng

RT: 17.07 min Scan# 2548

Delta R.T. -0.03 min

Lab File: BF099005.D

Acq: 2 Oct 2017 17:48

Instrument :

BNA_F

ClientSampleId :

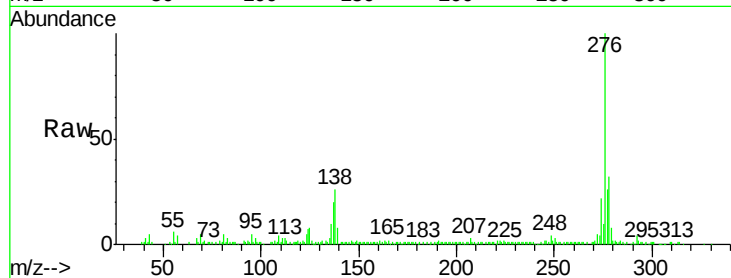
Tot Ion:278 Resp: 49778

Ion Ratio Lower Upper

278 100

139 24.0 15.9 23.9#

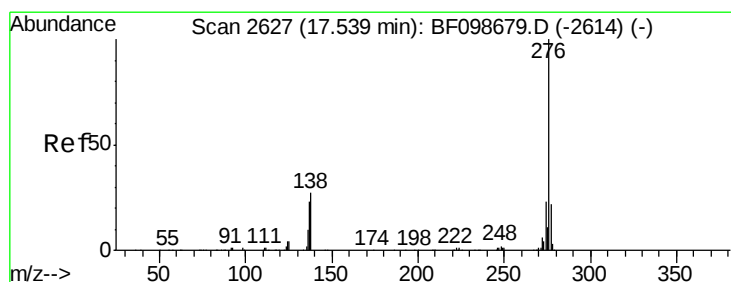
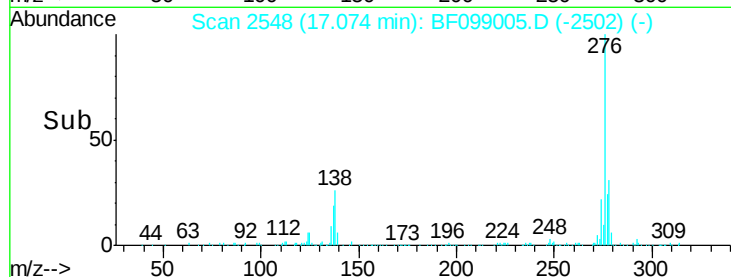
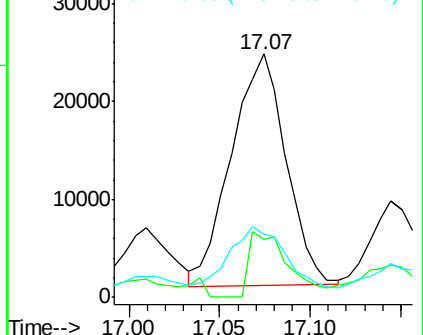
279 25.7 19.0 28.4



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: 16.29 ng

RT: 17.53 min Scan# 2625

Delta R.T. -0.02 min

Lab File: BF099005.D

Acq: 2 Oct 2017 17:48

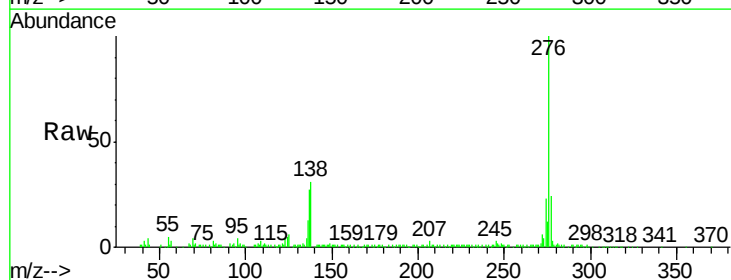
Tgt Ion:276 Resp: 192392

Ion Ratio Lower Upper

276 100

277 23.9 17.9 26.9

138 31.0 21.8 32.8



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

