

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
 Data File : BF097182.D
 Acq On : 29 Jul 2017 4:24
 Operator : SJ/JU
 Sample : I4380-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B3(0-10)COMP

Quant Time: Jul 29 04:51:19 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	103102	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	387895	20.00	ng	-0.02
38) Acenaphthene-d10	9.52	164	137818	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	237417	20.00	ng	-0.01
75) Chrysene-d12	13.62	240	184488	20.00	ng	-0.01
86) Perylene-d12	14.97	264	133942	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.09	112	670556	98.04	ng	-0.01
7) Phenol-d6	6.16	99	787489	100.86	ng	-0.01
23) Nitrobenzene-d5	7.06	82	438349	66.29	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	107069	98.33	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	662150	81.54	ng	-0.02
78) Terphenyl-d14	12.57	244	496585	54.88	ng	-0.01

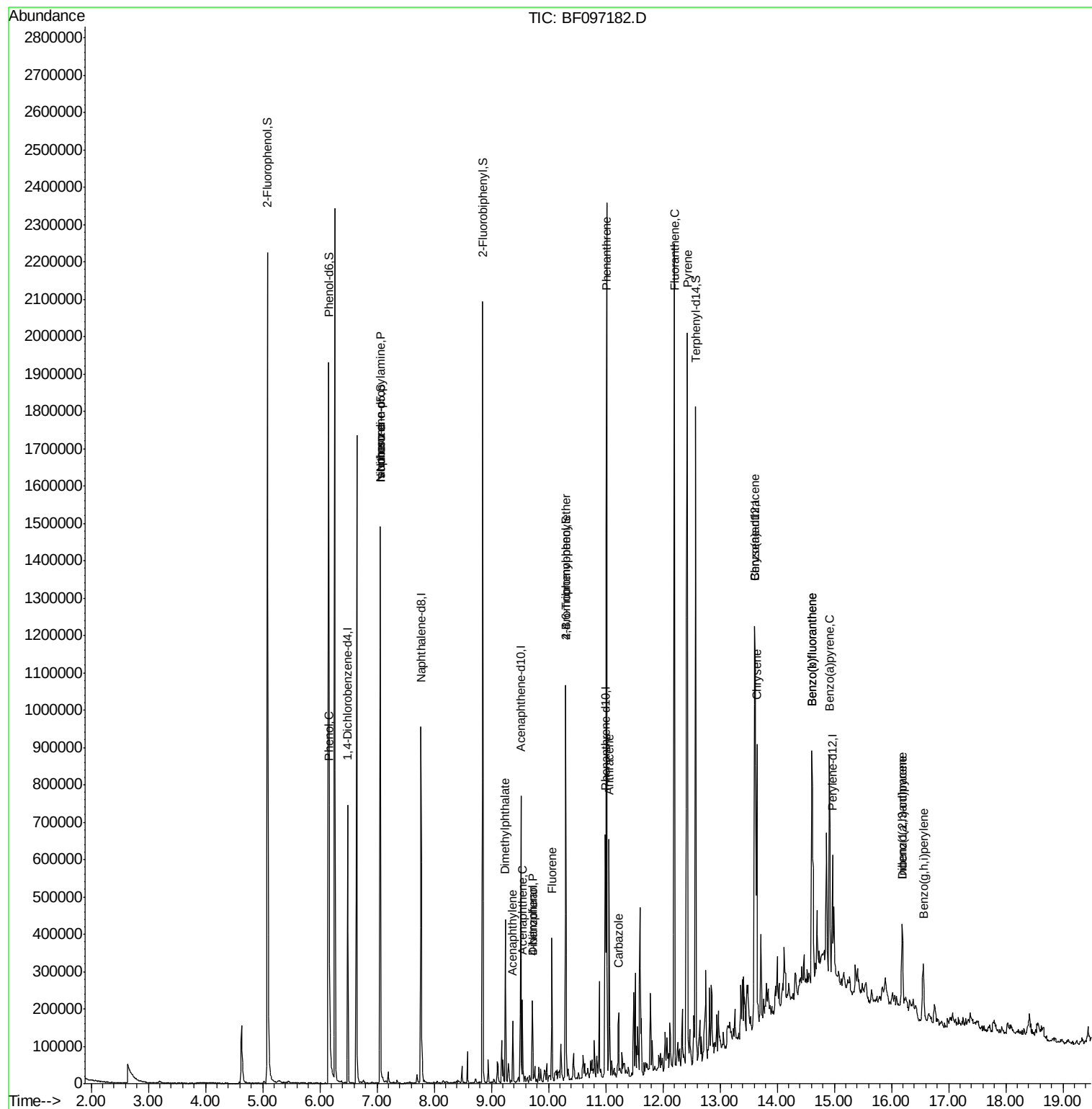
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.17	94	19676	2.12	ng	83
19) n-Nitroso-di-n-propylamine	7.06	70	58067	11.30	ng	# 86
25) Isophorone	7.06	82	434453	33.55	ng	# 67
48) Acenaphthylene	9.37	152	61298	4.61	ng	99
49) Dimethylphthalate	9.25	163	151808	14.51	ng	100
51) Acenaphthene	9.55	154	42433	5.42	ng	97
54) Dibenzofuran	9.72	168	73680	7.06	ng	98
55) 4-Nitrophenol	9.72	139	28184	17.20	ng	# 28
57) Fluorene	10.06	166	96224	12.27	ng	98
66) 4-Bromophenyl-phenylether	10.30	248	6792	2.87	ng	# 1
70) Phenanthrene	11.02	178	958152	75.32	ng	99
71) Anthracene	11.06	178	234597	18.01	ng	99
72) Carbazole	11.23	167	62750	4.90	ng	97
74) Fluoranthene	12.20	202	960496	77.07	ng	99
77) Pyrene	12.43	202	870199	57.62	ng	99
80) Benzo(a)anthracene	13.61	228	348632	29.21	ng	97
82) Chrysene	13.64	228	295428	25.35	ng	97
85) Indeno(1,2,3-cd)pyrene	16.19	276	120118	12.02	ng	95
87) Benzo(b)fluoranthene	14.61	252	380265	47.23	ng	# 97
88) Benzo(k)fluoranthene	14.61	252	380265	49.56	ng	99
89) Benzo(a)pyrene	14.92	252	229737	31.18	ng	98
90) Dibenzo(a,h)anthracene	16.19	278	24217	4.01	ng	# 71
91) Benzo(g,h,i)perylene	16.56	276	109624	17.30	ng	99

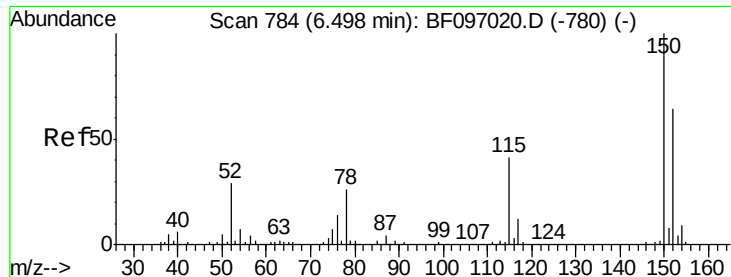
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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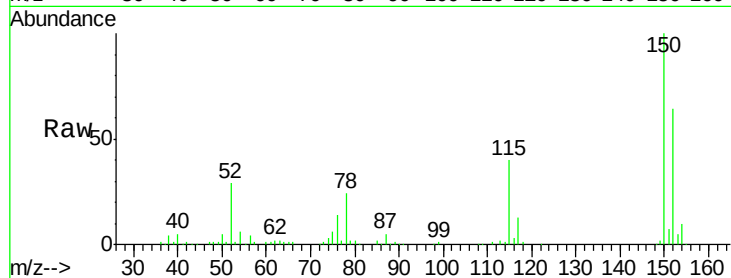


#1

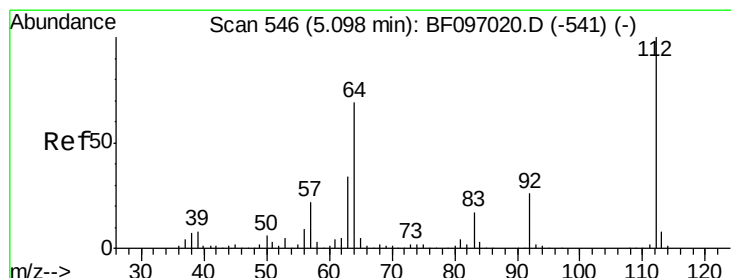
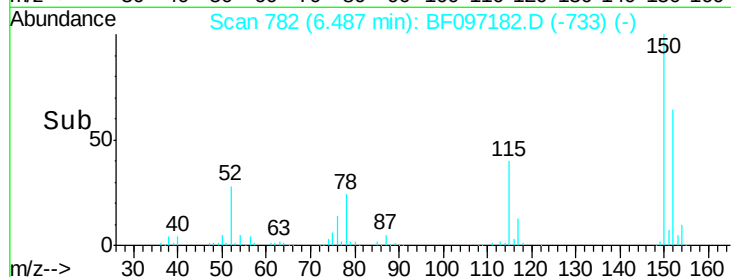
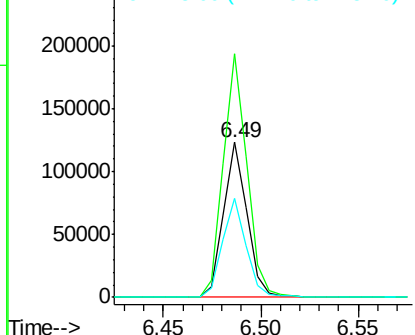
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097182.D
Acq: 29 Jul 2017 4:24

Instrument :
BNA_F
ClientSampleId :
B3(0-10)COMP

Tot Ion:152 Resp: 103102
Ion Ratio Lower Upper
152 100
150 157.2 126.2 189.2
115 63.7 52.2 78.2



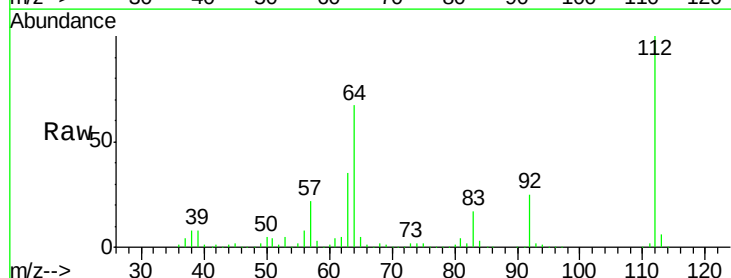
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



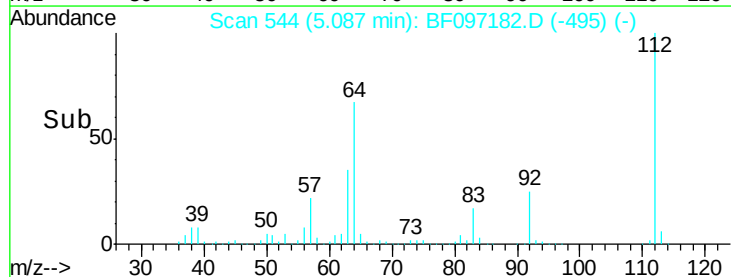
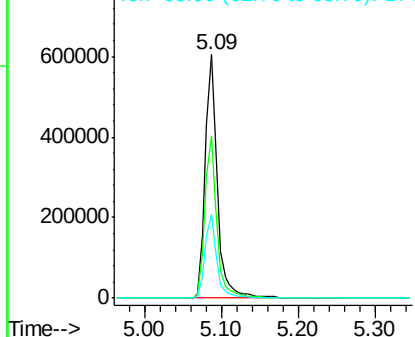
#5

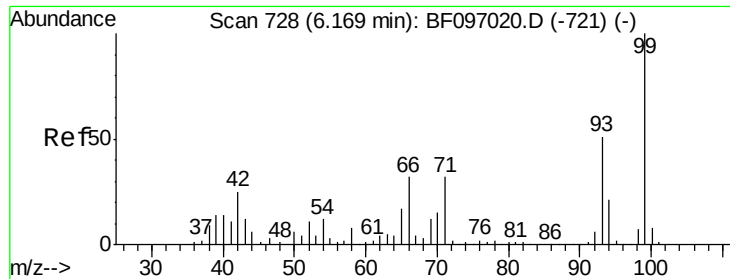
2-Fluorophenol
Concen: 98.04 ng
RT: 5.09 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF097182.D
Acq: 29 Jul 2017 4:24

Tgt Ion:112 Resp: 670556
Ion Ratio Lower Upper
112 100
64 66.6 46.0 69.0
63 34.6 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: 100.86 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF097182.D

Acq: 29 Jul 2017 4:24

Instrument :

BNA_F

ClientSampleId :

B3(0-10)COMP

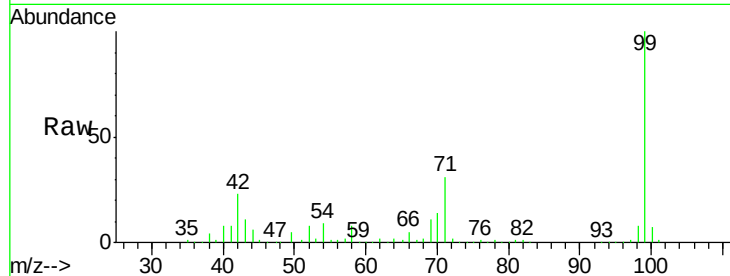
Tot Ion: 99 Resp: 787489

Ion Ratio Lower Upper

99 100

42 22.7 13.5 20.3#

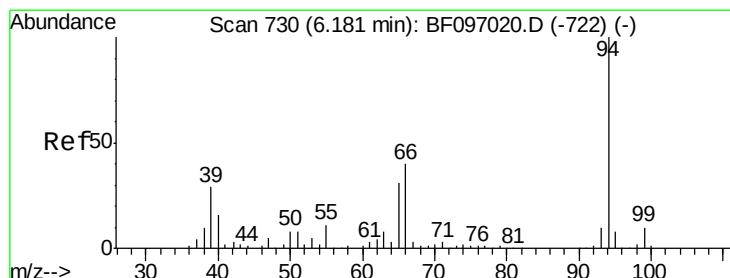
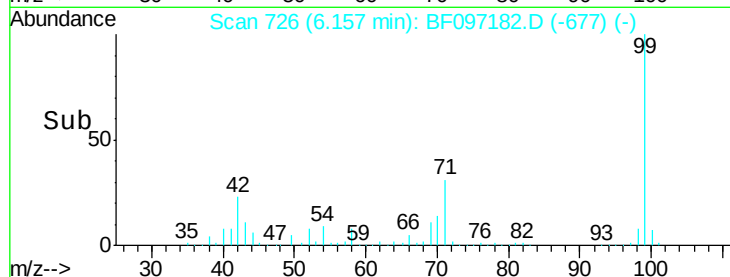
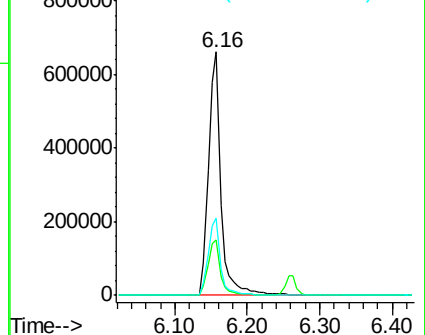
71 31.5 24.5 36.7



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: 2.12 ng

RT: 6.17 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF097182.D

Acq: 29 Jul 2017 4:24

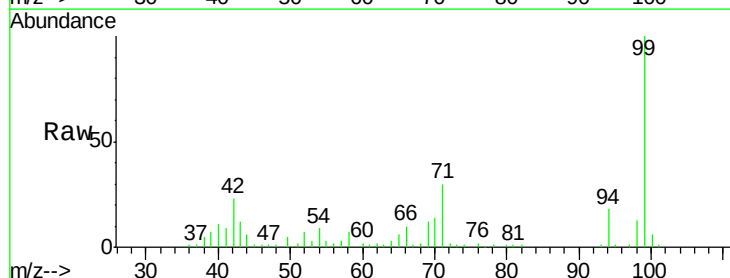
Tgt Ion: 94 Resp: 19676

Ion Ratio Lower Upper

94 100

65 33.5 9.9 49.9

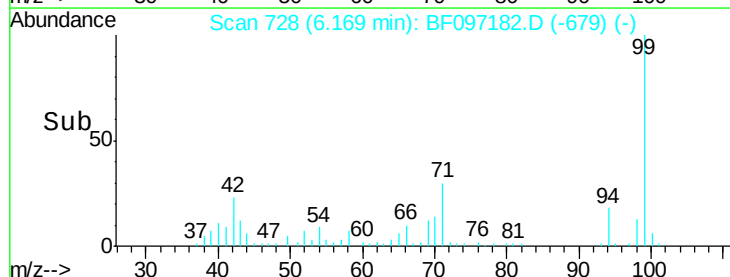
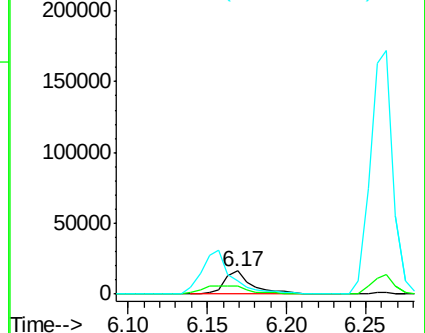
66 58.1 23.1 63.1

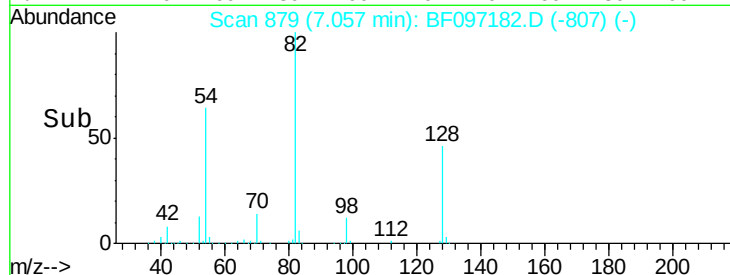
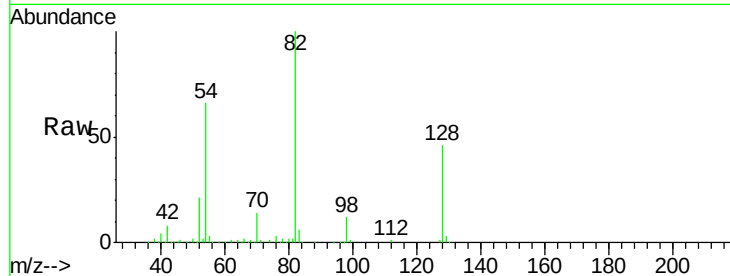
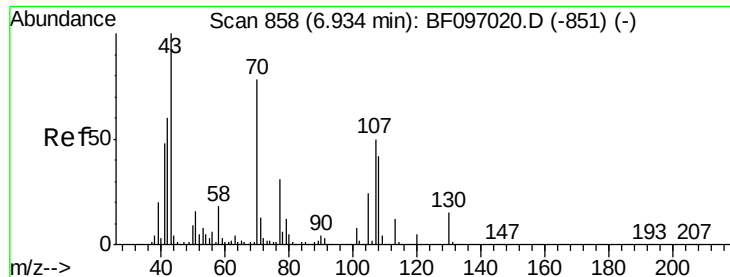


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

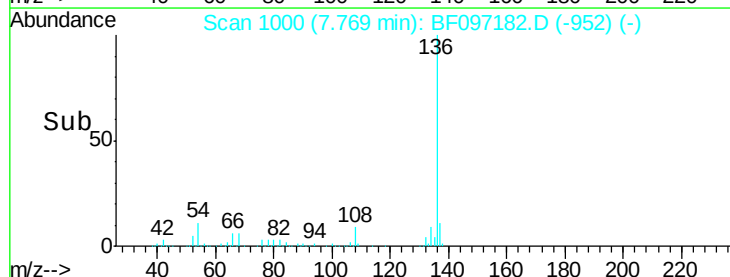
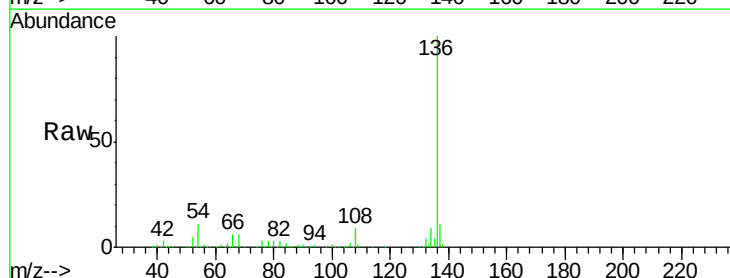
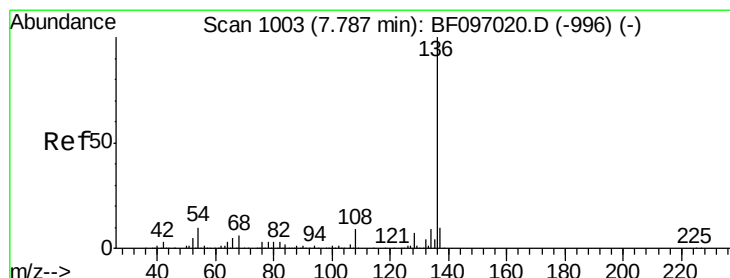
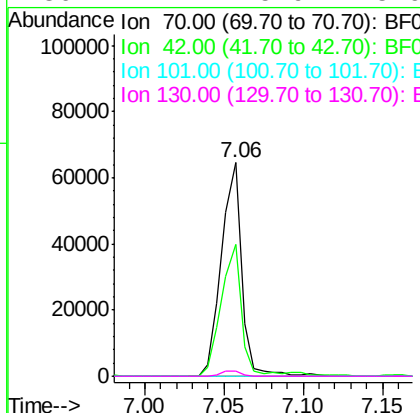




#19
n-Nitroso-di-n-propylamine
Concen: 11.30 ng
RT: 7.06 min Scan# 879
Delta R.T. 0.12 min
Lab File: BF097182.D
Acq: 29 Jul 2017 4:24

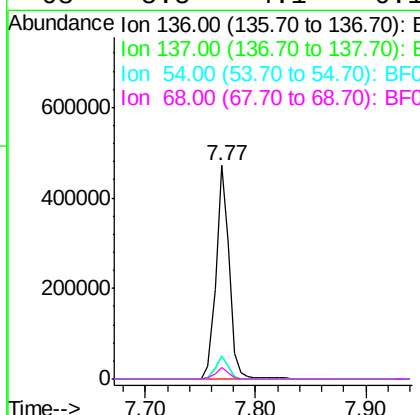
Instrument :
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ClientSampleId :
B3(0-10)COMP

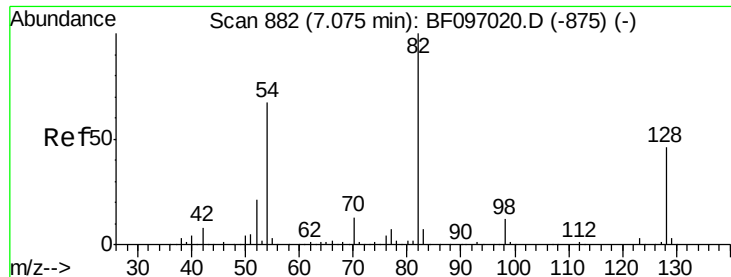
Tot Ion: 70 Resp: 58067
Ion Ratio Lower Upper
70 100
42 61.7 47.2 70.8
101 0.0 7.2 10.8#
130 2.2 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.77 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF097182.D
Acq: 29 Jul 2017 4:24

Tgt Ion: 136 Resp: 387895
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 10.5 4.9 7.3#
68 5.5 4.1 6.1

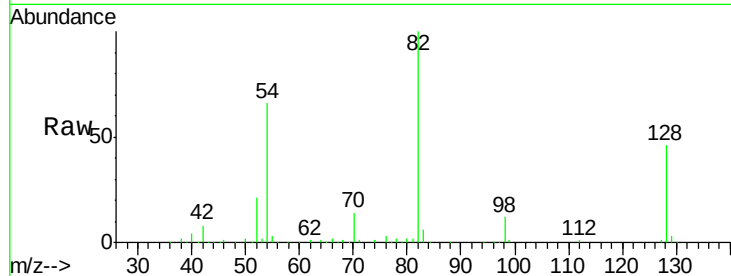




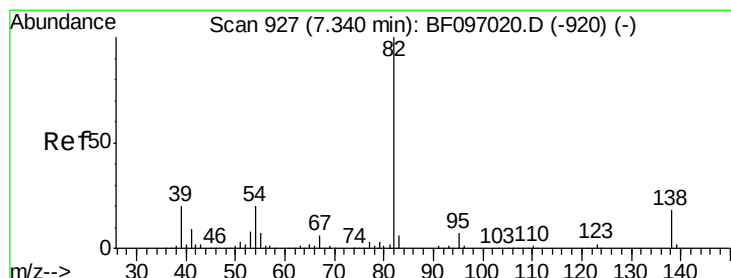
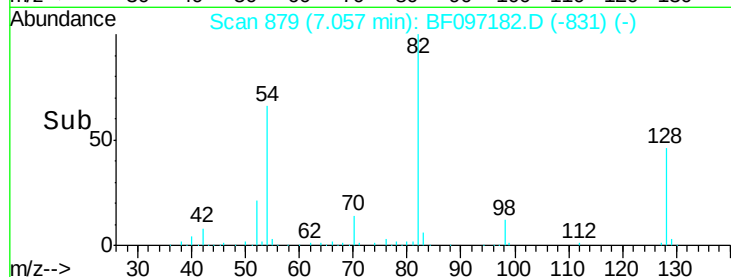
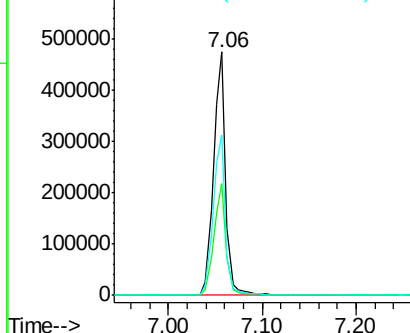
#23
Nitrobenzene-d5
Concen: 66.29 ng
RT: 7.06 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF097182.D
Acq: 29 Jul 2017 4:24

Instrument :
BNA_F
ClientSampleId :
B3(0-10)COMP

Tot Ion: 82 Resp: 438349
Ion Ratio Lower Upper
82 100
128 46.2 34.0 51.0
54 65.8 42.2 63.2#

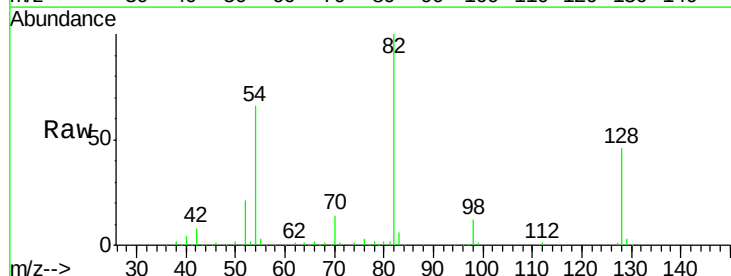


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

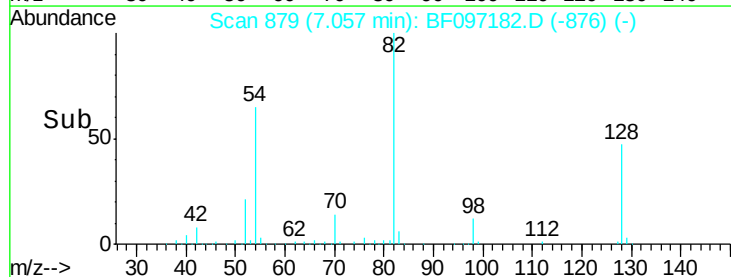
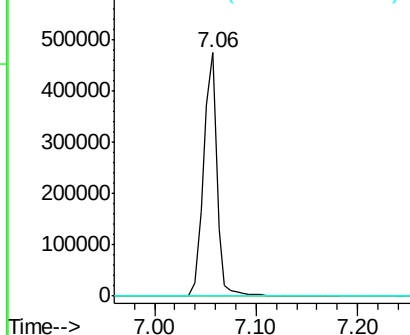


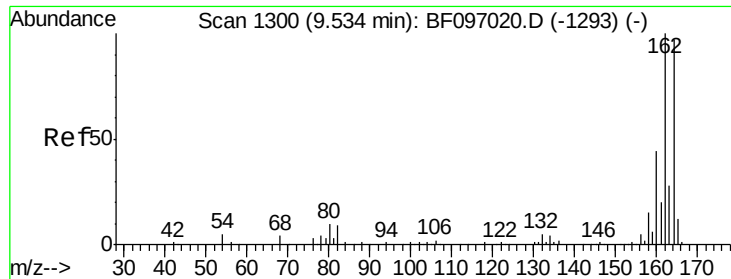
#25
Isophorone
Concen: 33.55 ng
RT: 7.06 min Scan# 879
Delta R.T. -0.28 min
Lab File: BF097182.D
Acq: 29 Jul 2017 4:24

Tgt Ion: 82 Resp: 434453
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

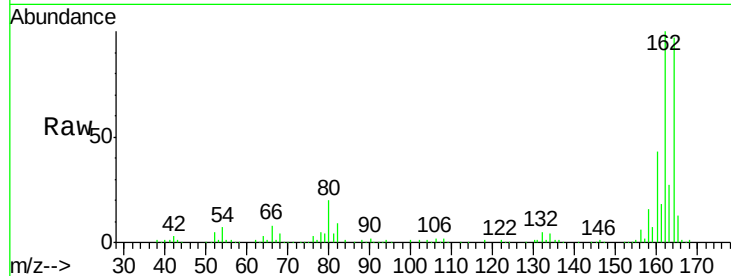




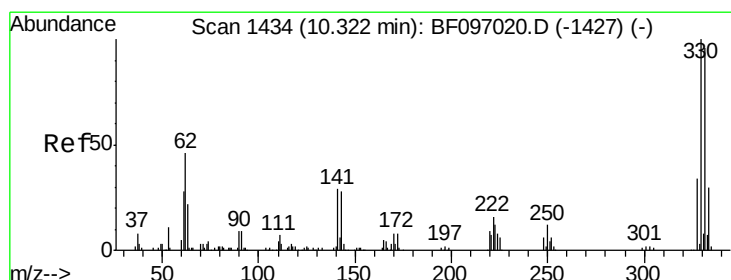
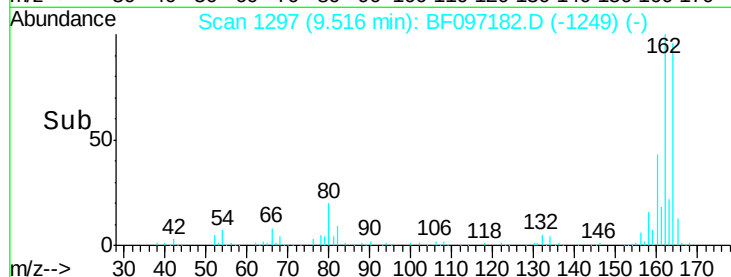
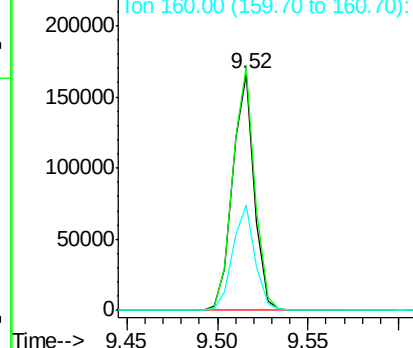
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.52 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF097182.D
Acq: 29 Jul 2017 4:24

Instrument :
BNA_F
ClientSampleId :
B3(0-10)COMP

Tot Ion:164 Resp: 137818
Ion Ratio Lower Upper
164 100
162 103.0 82.6 123.8
160 44.6 36.2 54.2

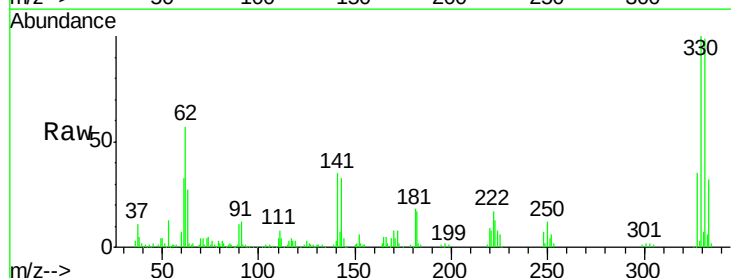


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

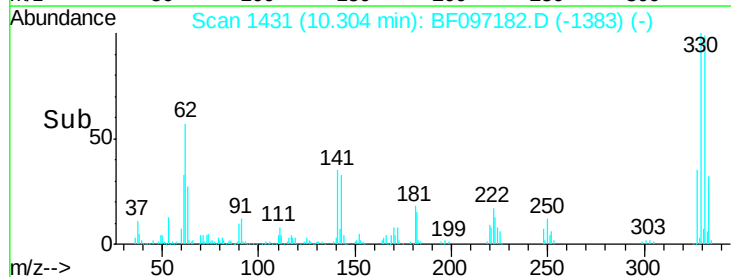
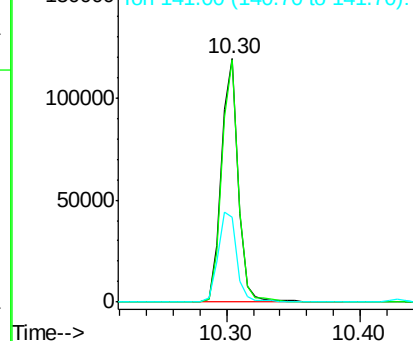


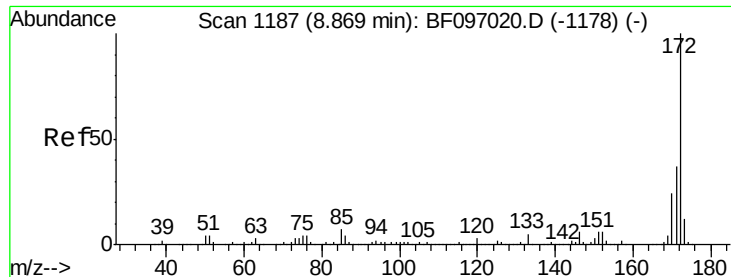
#41
2,4,6-Tribromophenol
Concen: 98.33 ng
RT: 10.30 min Scan# 1431
Delta R.T. -0.02 min
Lab File: BF097182.D
Acq: 29 Jul 2017 4:24

Tgt Ion:330 Resp: 107069
Ion Ratio Lower Upper
330 100
332 96.8 76.6 115.0
141 41.1 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

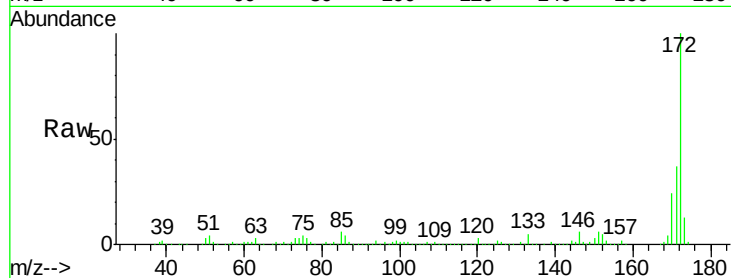




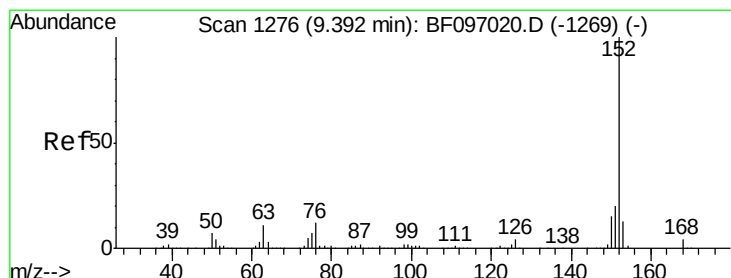
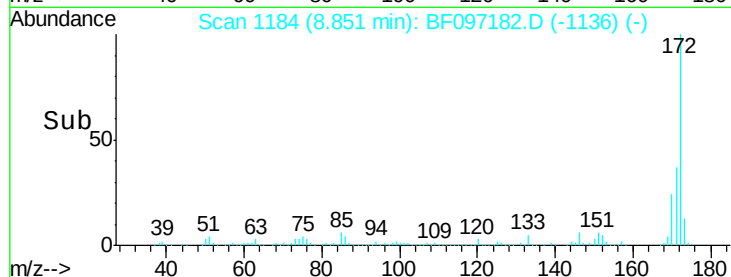
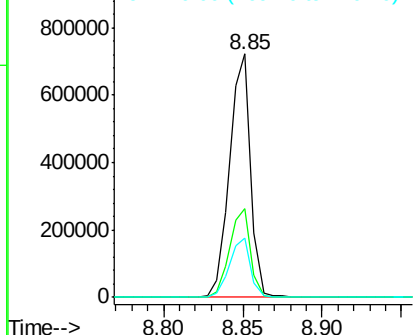
#44
2-Fluorobiphenyl
Concen: 81.54 ng
RT: 8.85 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF097182.D
Acq: 29 Jul 2017 4:24

Instrument :
BNA_F
ClientSampleId :
B3(0-10)COMP

Tot Ion:172 Resp: 662150
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 24.5 19.8 29.8

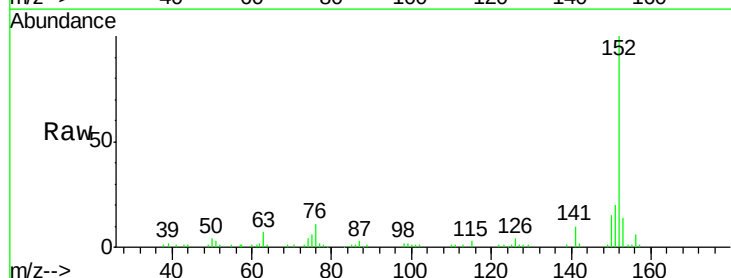


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

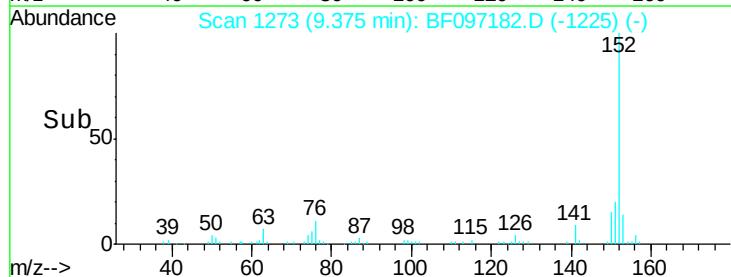
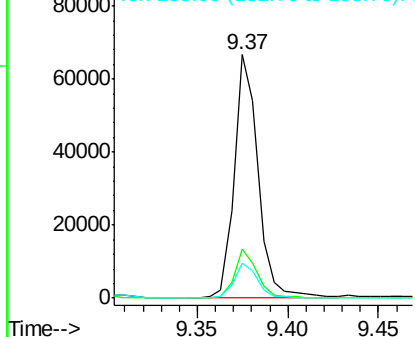


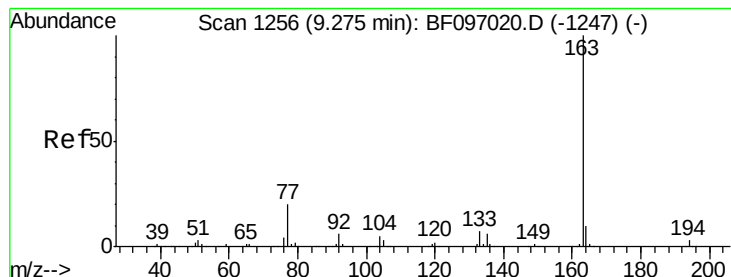
#48
Acenaphthylene
Concen: 4.61 ng
RT: 9.37 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BF097182.D
Acq: 29 Jul 2017 4:24

Tgt Ion:152 Resp: 61298
Ion Ratio Lower Upper
152 100
151 20.3 16.8 25.2
153 14.1 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 14.51 ng

RT: 9.25 min Scan# 1251

Delta R.T. -0.03 min

Lab File: BF097182.D

Acq: 29 Jul 2017 4:24

Instrument :

BNA_F

ClientSampleId :

B3(0-10)COMP

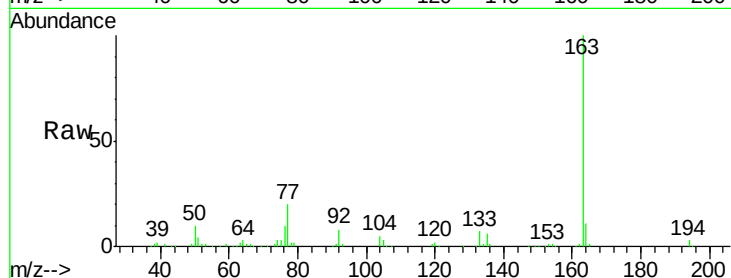
Tot Ion:163 Resp: 151808

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

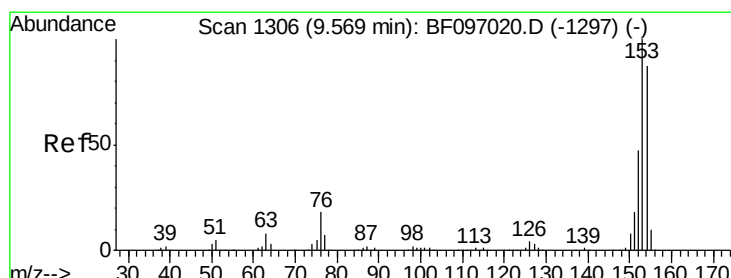
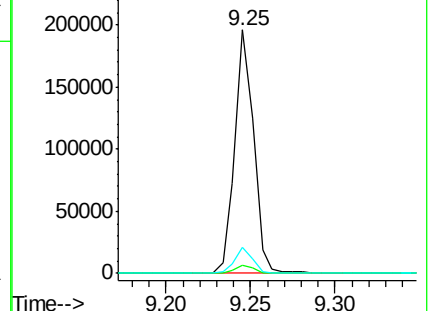
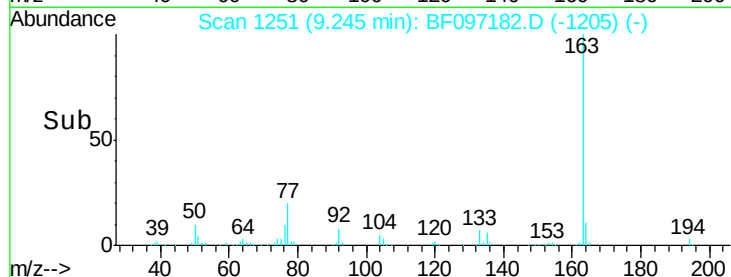
164 10.6 8.4 12.6



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: 5.42 ng

RT: 9.55 min Scan# 1302

Delta R.T. -0.02 min

Lab File: BF097182.D

Acq: 29 Jul 2017 4:24

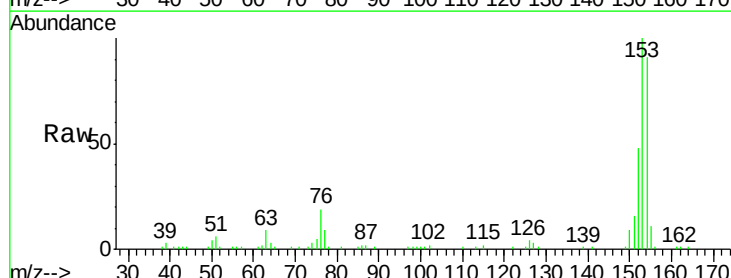
Tgt Ion:154 Resp: 42433

Ion Ratio Lower Upper

154 100

153 109.5 90.5 135.7

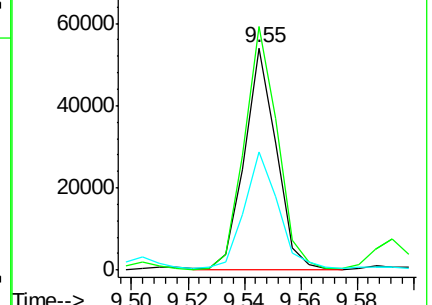
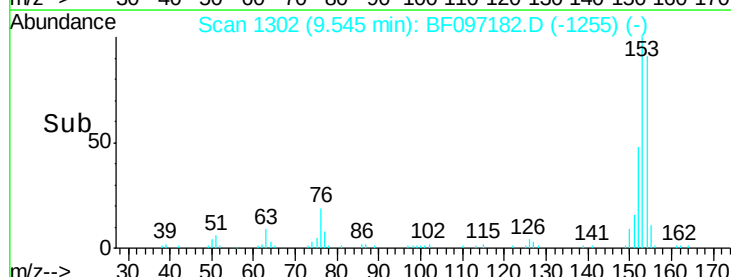
152 53.0 43.6 65.4

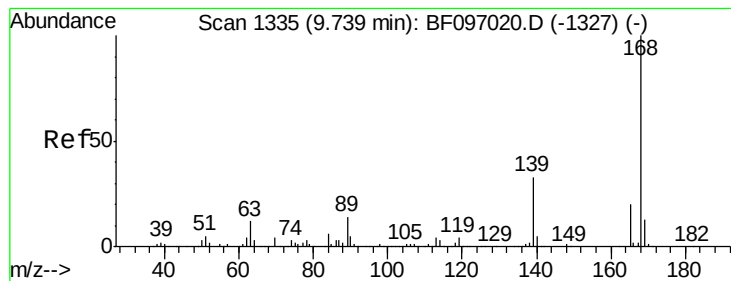


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzofuran

Concen: 7.06 ng

RT: 9.72 min Scan# 1332

Delta R.T. -0.02 min

Lab File: BF097182.D

Acq: 29 Jul 2017 4:24

Instrument :

BNA_F

ClientSampleId :

B3(0-10)COMP

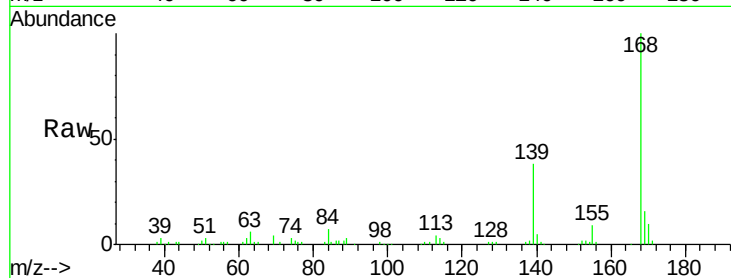
Tot Ion:168 Resp: 73680

Ion Ratio Lower Upper

168 100

139 37.8 30.6 45.8

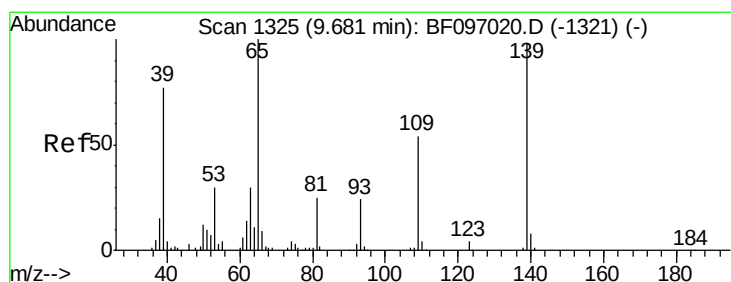
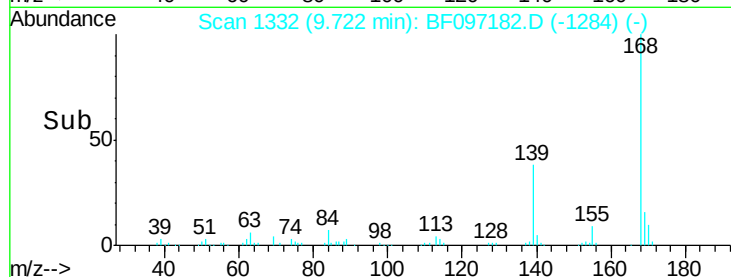
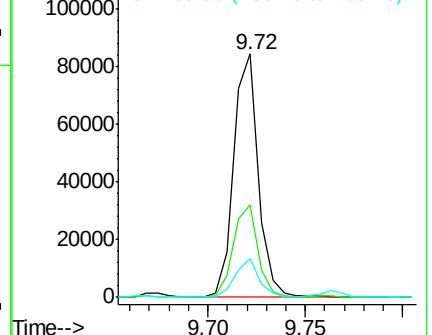
169 15.8 10.8 16.2



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: 17.20 ng

RT: 9.72 min Scan# 1332

Delta R.T. 0.04 min

Lab File: BF097182.D

Acq: 29 Jul 2017 4:24

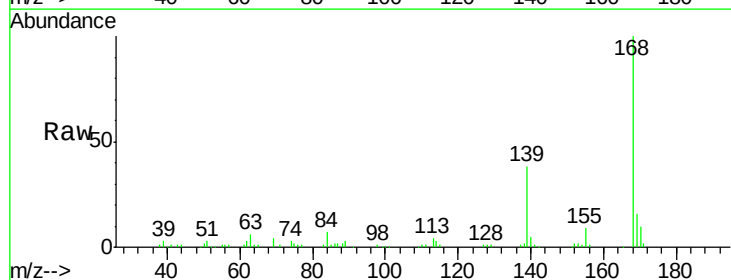
Tgt Ion:139 Resp: 28184

Ion Ratio Lower Upper

139 100

109 1.1 34.1 74.1#

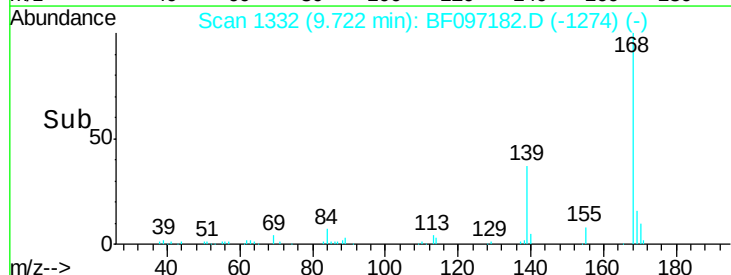
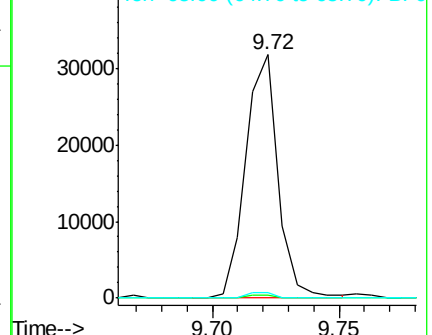
65 2.4 31.4 71.4#

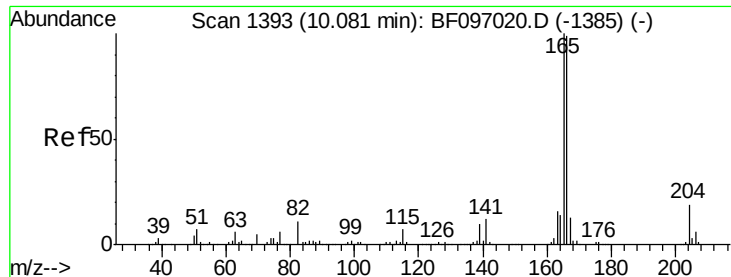


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

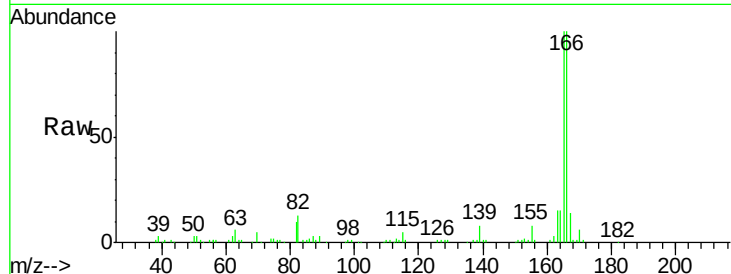




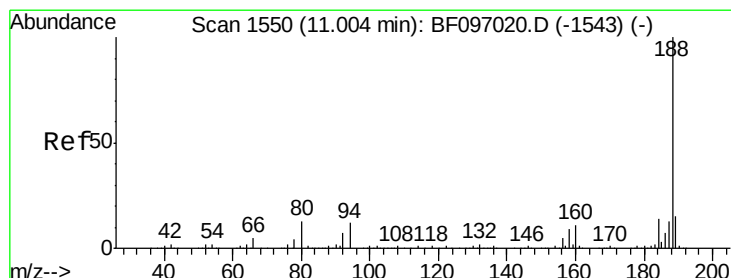
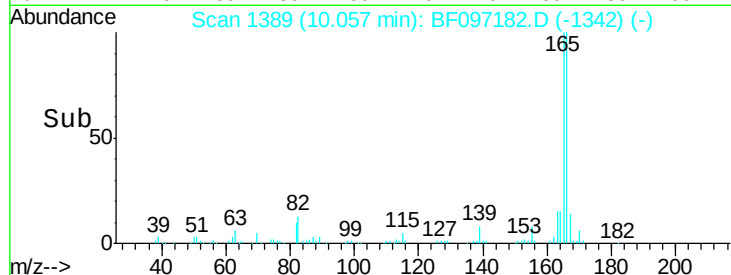
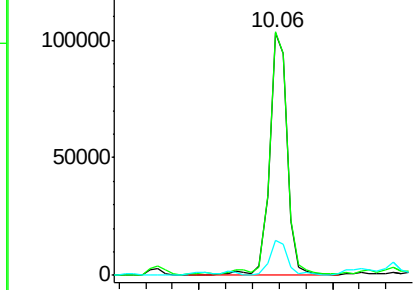
#57
 Fluorene
 Concen: 12.27 ng
 RT: 10.06 min Scan# 1389
 Delta R.T. -0.02 min
 Lab File: BF097182.D
 Acq: 29 Jul 2017 4:24

Instrument :
 BNA_F
 ClientSampleId :
 B3(0-10)COMP

Tot Ion:166 Resp: 96224
 Ion Ratio Lower Upper
 166 100
 165 100.3 78.8 118.2
 167 14.3 10.6 16.0

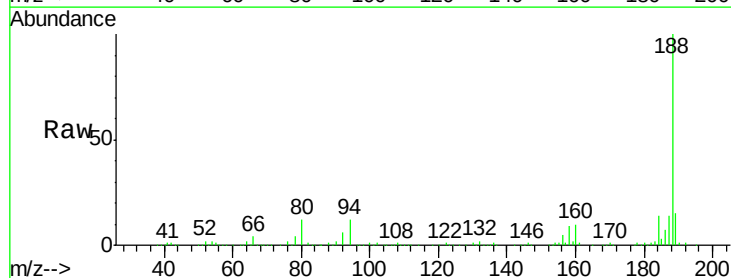


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

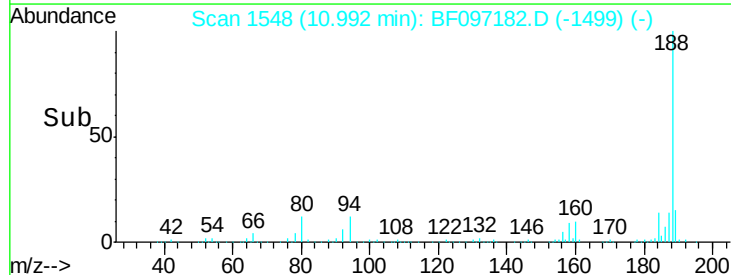
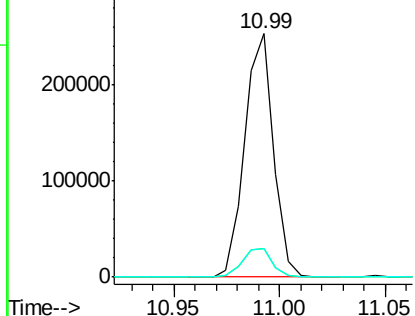


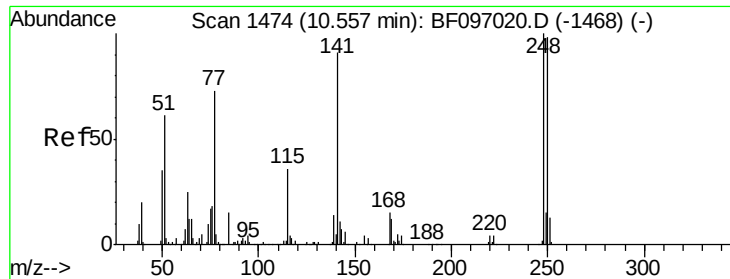
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.99 min Scan# 1548
 Delta R.T. -0.01 min
 Lab File: BF097182.D
 Acq: 29 Jul 2017 4:24

Tgt Ion:188 Resp: 237417
 Ion Ratio Lower Upper
 188 100
 94 11.6 9.4 14.2
 80 11.6 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

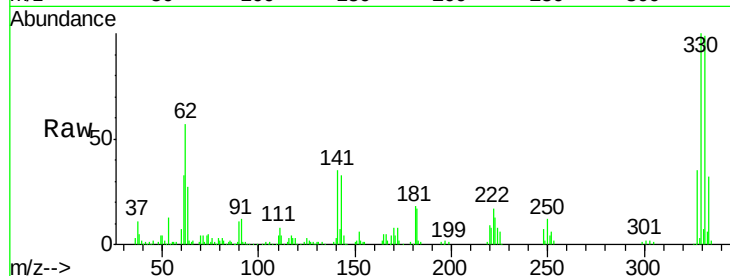




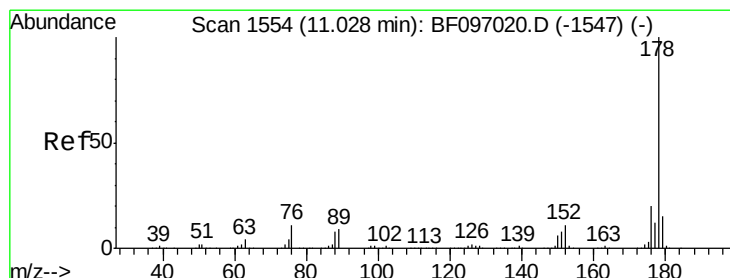
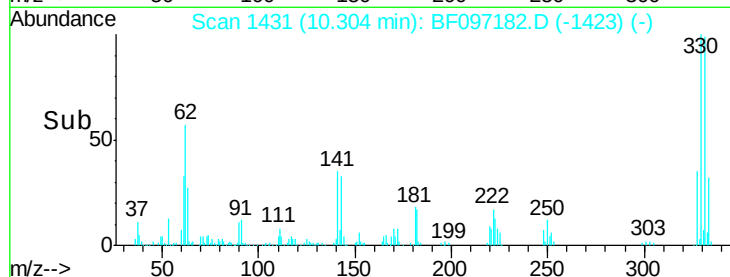
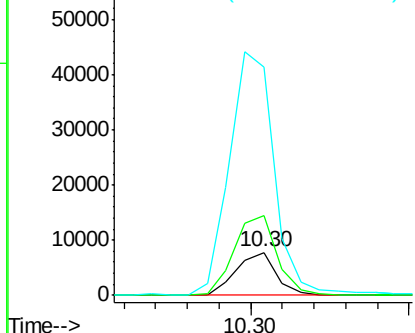
#66
 4-Bromophenyl-phenylether
 Concen: 2.87 ng
 RT: 10.30 min Scan# 1431
 Delta R.T. -0.25 min
 Lab File: BF097182.D
 Acq: 29 Jul 2017 4:24

Instrument :
 BNA_F
 ClientSampleId :
 B3(0-10)COMP

Tot Ion:248 Resp: 6792
 Ion Ratio Lower Upper
 248 100
 250 183.6 76.8 115.2#
 141 529.9 68.6 103.0#

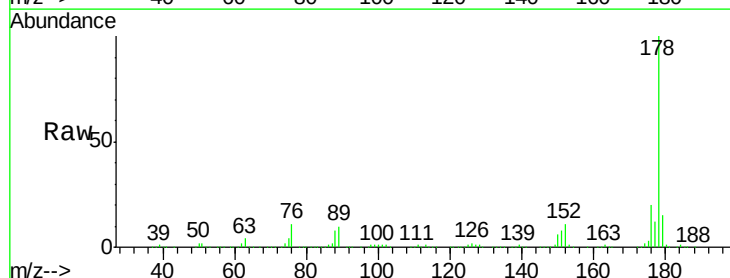


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

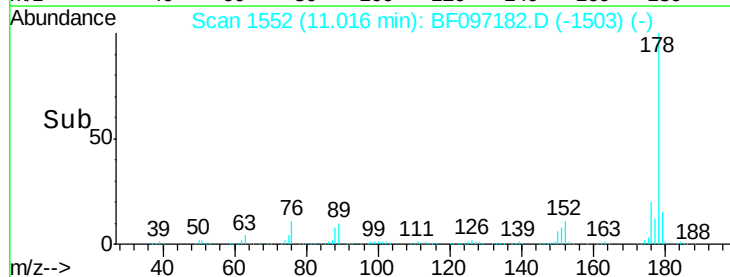
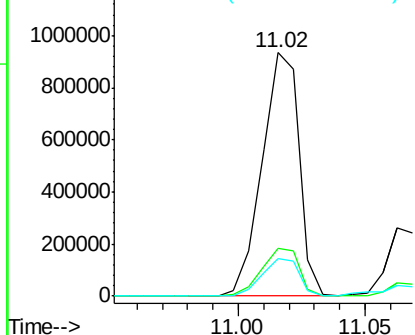


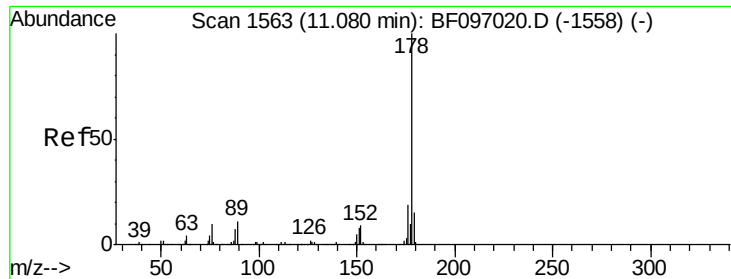
#70
 Phenanthrene
 Concen: 75.32 ng
 RT: 11.02 min Scan# 1552
 Delta R.T. -0.01 min
 Lab File: BF097182.D
 Acq: 29 Jul 2017 4:24

Tgt Ion:178 Resp: 958152
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.2 24.4
 179 15.4 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

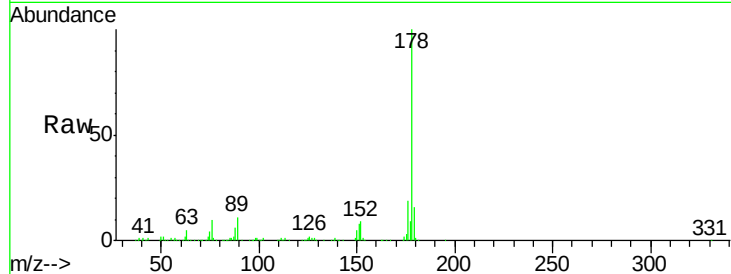




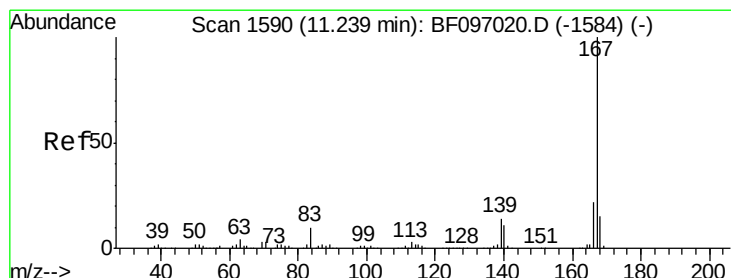
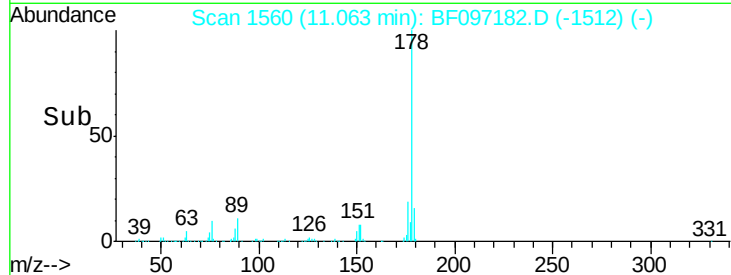
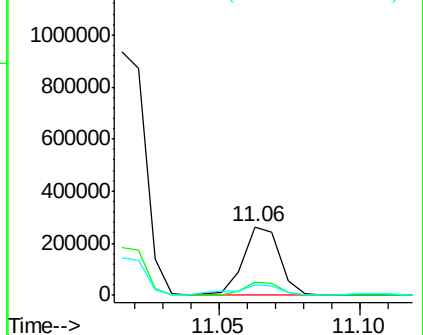
#71
 Anthracene
 Concen: 18.01 ng
 RT: 11.06 min Scan# 1560
 Delta R.T. -0.02 min
 Lab File: BF097182.D
 Acq: 29 Jul 2017 4:24

Instrument :
 BNA_F
 ClientSampleId :
 B3(0-10)COMP

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.9	12.7	19.1

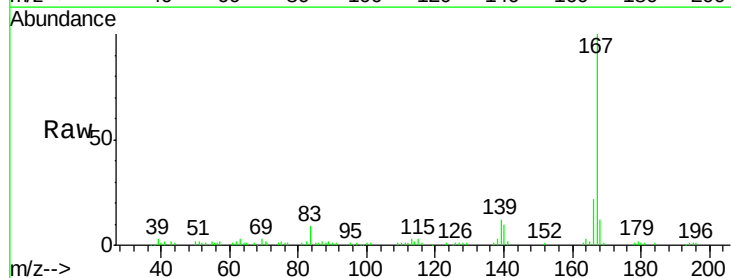


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

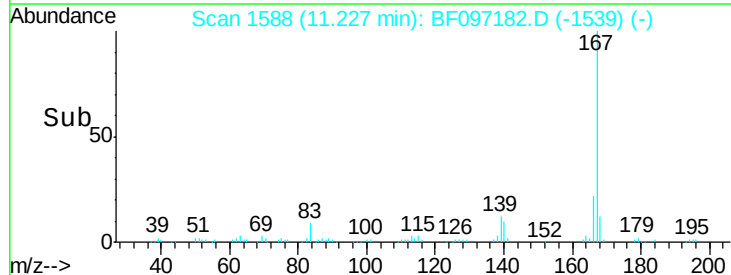
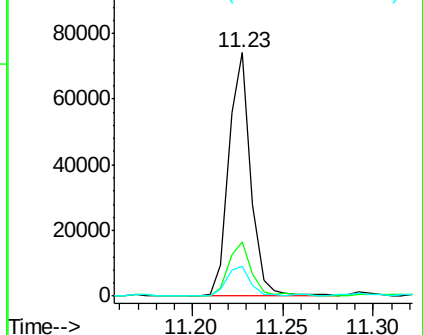


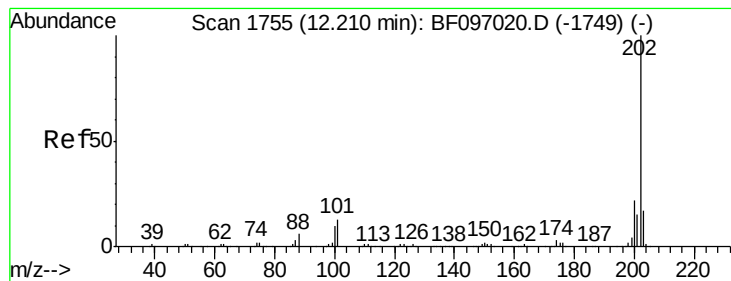
#72
 Carbazole
 Concen: 4.90 ng
 RT: 11.23 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BF097182.D
 Acq: 29 Jul 2017 4:24

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.1	27.1
139	12.3	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: 77.07 ng

RT: 12.20 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BF097182.D

Acq: 29 Jul 2017 4:24

Instrument :

BNA_F

ClientSampleId :

B3(0-10)COMP

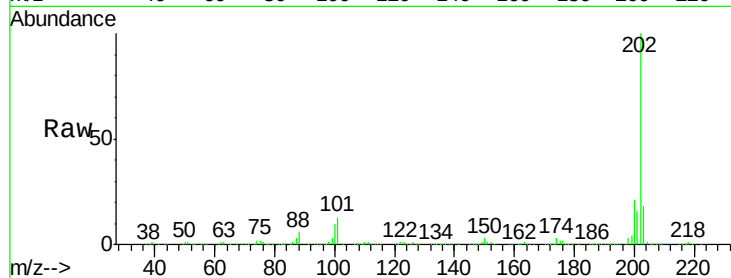
Tot Ion:202 Resp: 960496

Ion Ratio Lower Upper

202 100

101 13.2 0.0 33.2

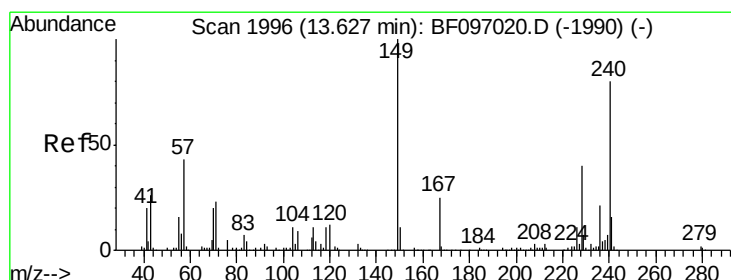
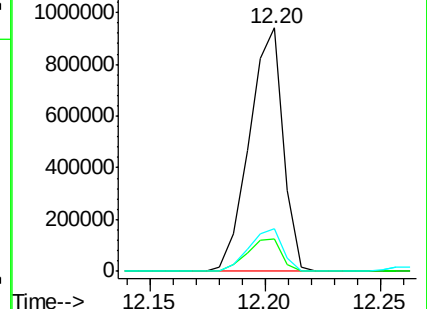
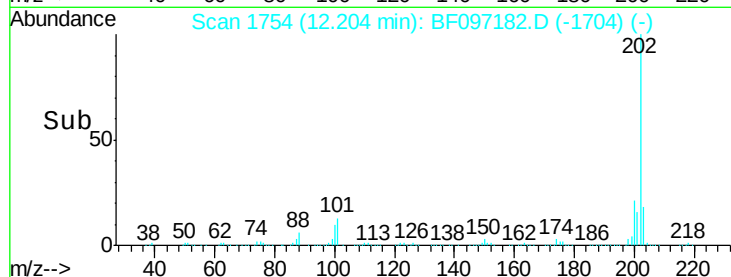
203 17.5 0.0 38.1



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: 13.62 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BF097182.D

Acq: 29 Jul 2017 4:24

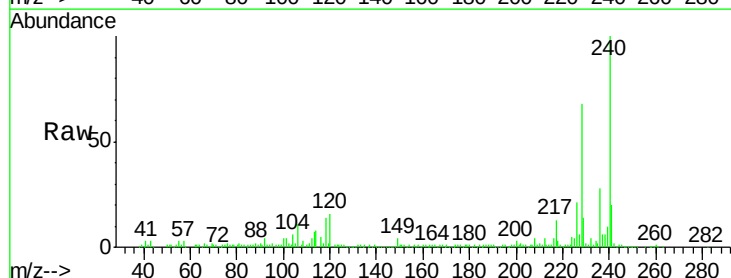
Tgt Ion:240 Resp: 184488

Ion Ratio Lower Upper

240 100

120 15.9 5.8 8.8#

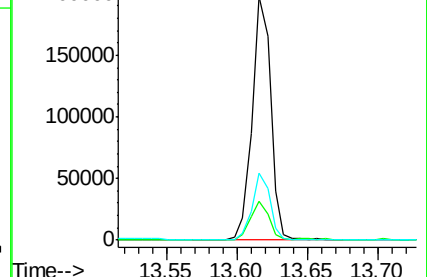
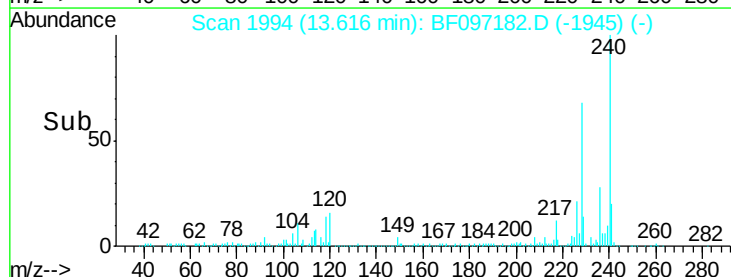
236 27.7 20.5 30.7

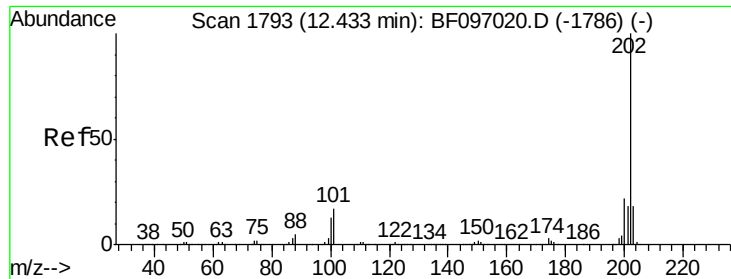


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

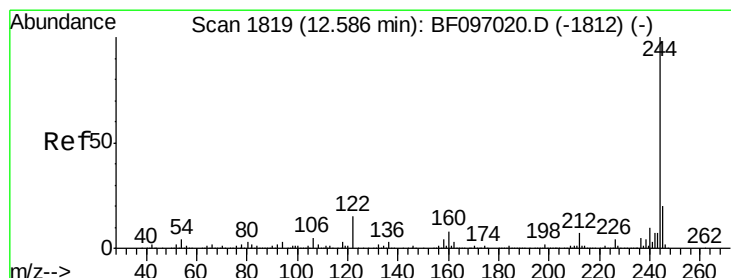
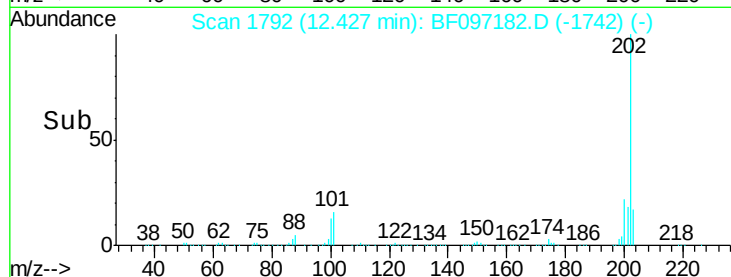
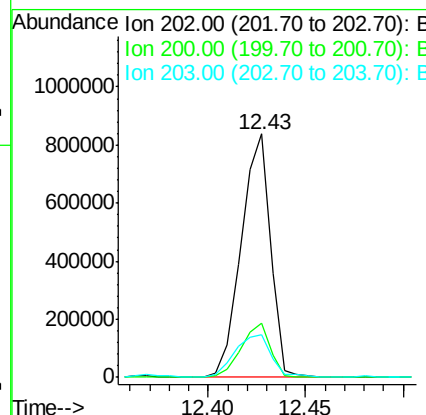
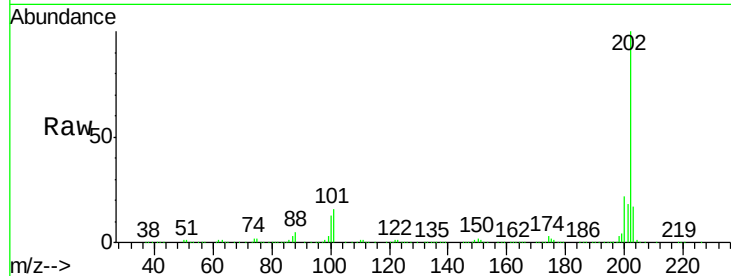




#77
Pvrene
Concen: 57.62 ng
RT: 12.43 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF097182.D
Acq: 29 Jul 2017 4:24

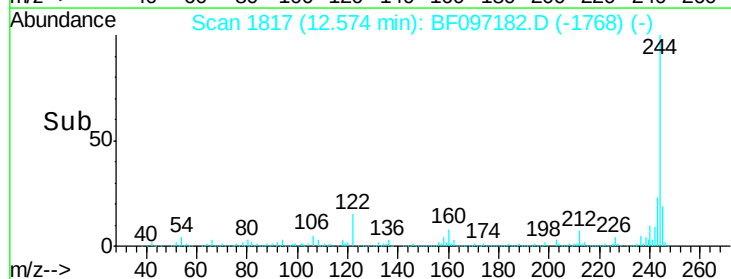
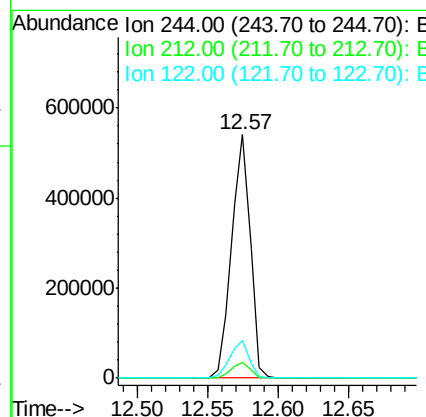
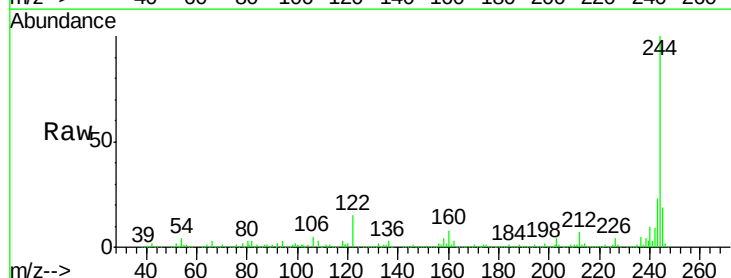
Instrument :
BNA_F
ClientSampleId :
B3(0-10)COMP

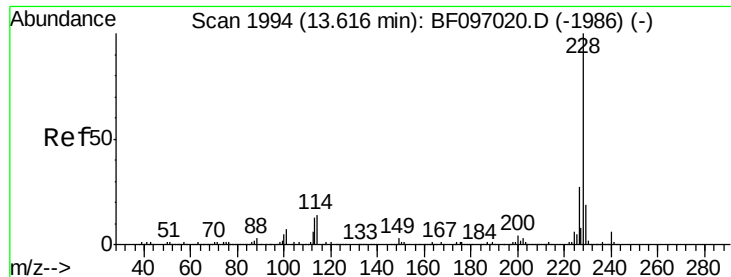
Tot Ion:202 Resp: 870199
Ion Ratio Lower Upper
202 100
200 22.3 17.6 26.4
203 17.3 14.4 21.6



#78
Terphenyl-d14
Concen: 54.88 ng
RT: 12.57 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF097182.D
Acq: 29 Jul 2017 4:24

Tgt Ion:244 Resp: 496585
Ion Ratio Lower Upper
244 100
212 6.7 6.0 9.0
122 15.3 10.3 15.5





#80

Benzo(a)anthracene

Concen: 29.21 ng

RT: 13.61 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF097182.D

Acq: 29 Jul 2017 4:24

Instrument :

BNA_F

ClientSampleId :

B3(0-10)COMP

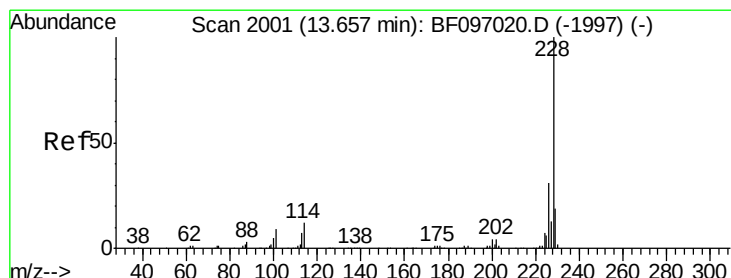
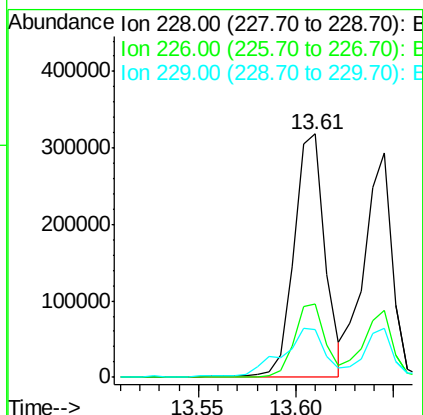
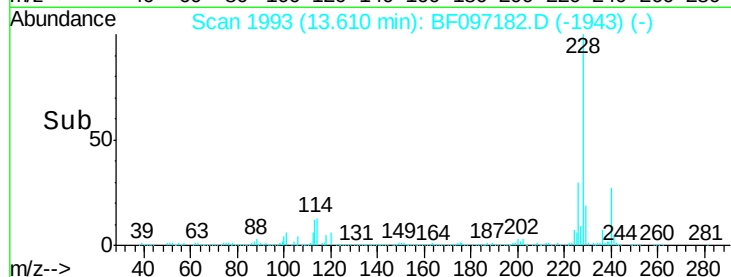
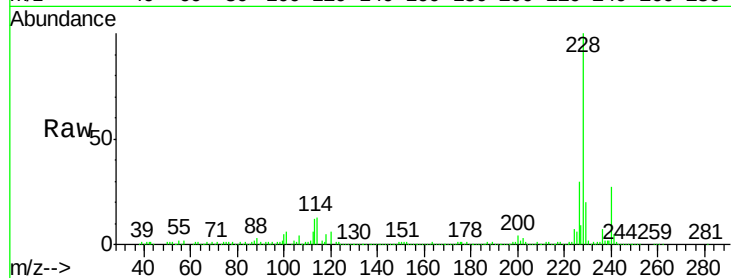
Tot Ion:228 Resp: 348632

Ion Ratio Lower Upper

228 100

226 30.2 22.6 33.8

229 19.6 16.3 24.5



#82

Chrysene

Concen: 25.35 ng

RT: 13.64 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF097182.D

Acq: 29 Jul 2017 4:24

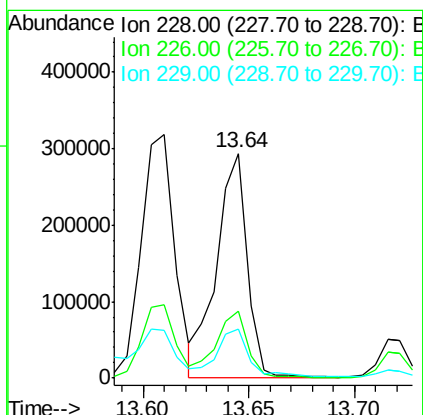
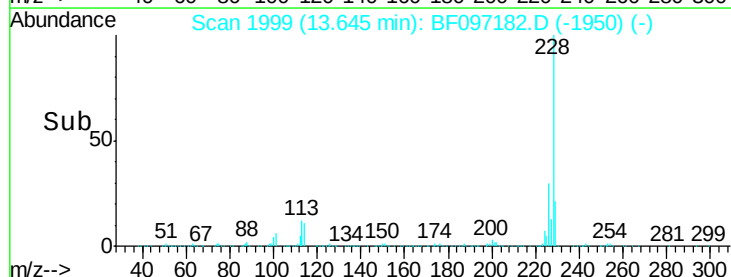
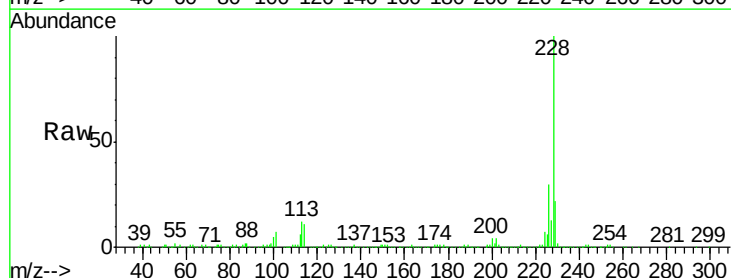
Tgt Ion:228 Resp: 295428

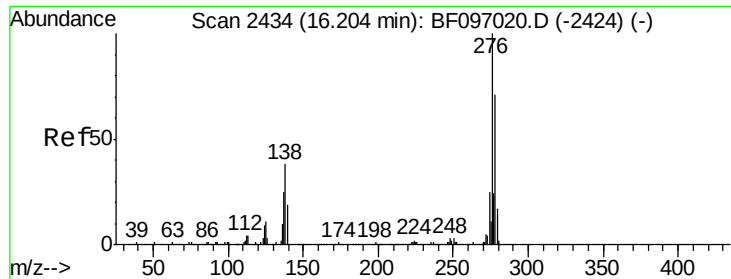
Ion Ratio Lower Upper

228 100

226 30.0 24.9 37.3

229 21.7 15.8 23.6

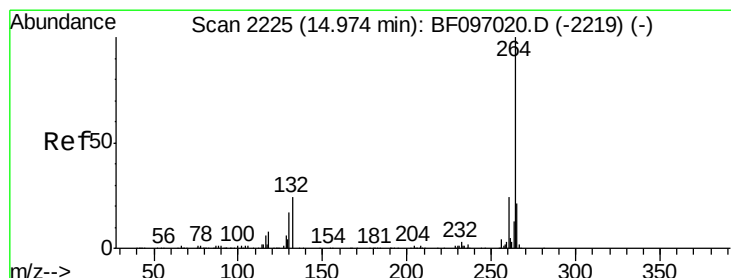
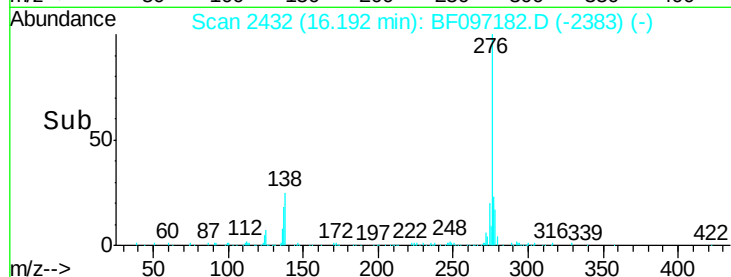
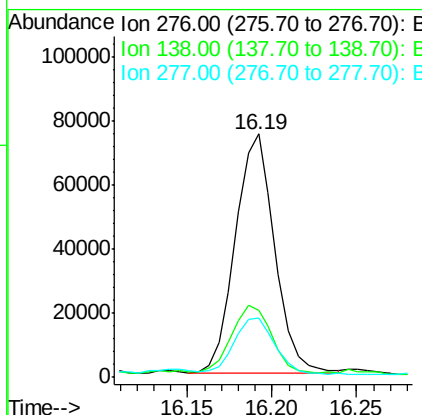
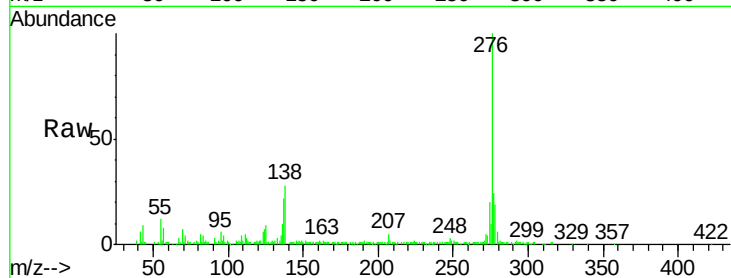




#85
Indeno(1,2,3-cd)pyrene
Concen: 12.02 ng
RT: 16.19 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BF097182.D
Acq: 29 Jul 2017 4:24

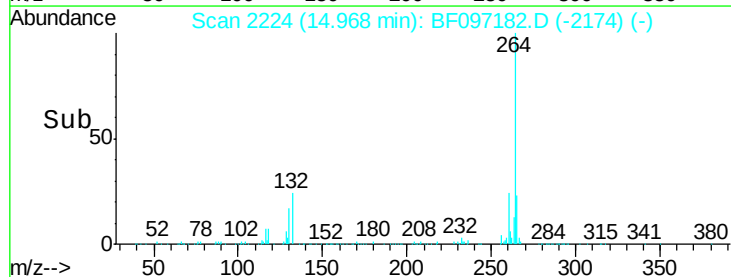
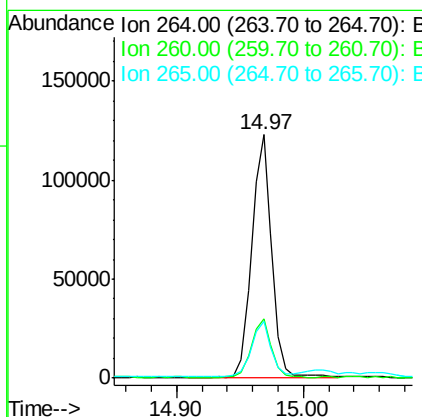
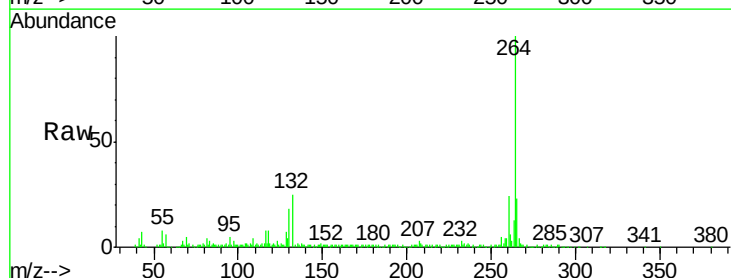
Instrument :
BNA_F
ClientSampleId :
B3(0-10)COMP

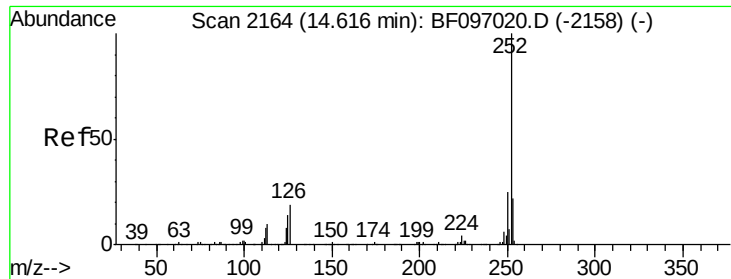
Tot Ion:276 Resp: 120118
Ion Ratio Lower Upper
276 100
138 30.8 27.8 41.6
277 26.0 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 14.97 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF097182.D
Acq: 29 Jul 2017 4:24

Tgt Ion:264 Resp: 133942
Ion Ratio Lower Upper
264 100
260 24.1 19.5 29.3
265 23.4 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 47.23 ng

RT: 14.61 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BF097182.D

Acq: 29 Jul 2017 4:24

Instrument :

BNA_F

ClientSampleId :

B3(0-10)COMP

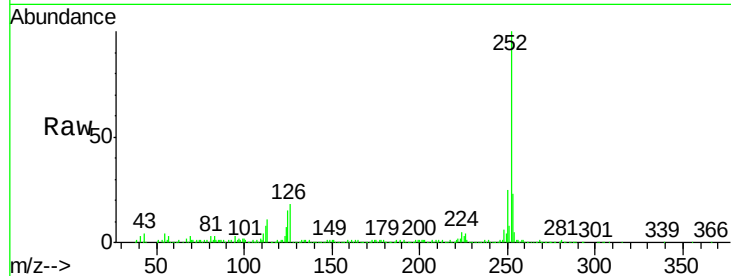
Tot Ion:252 Resp: 380265

Ion Ratio Lower Upper

252 100

253 23.1 18.1 27.1

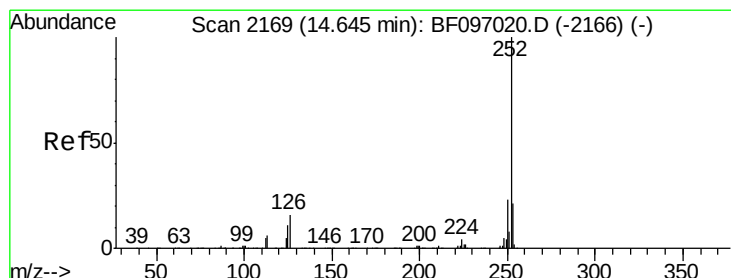
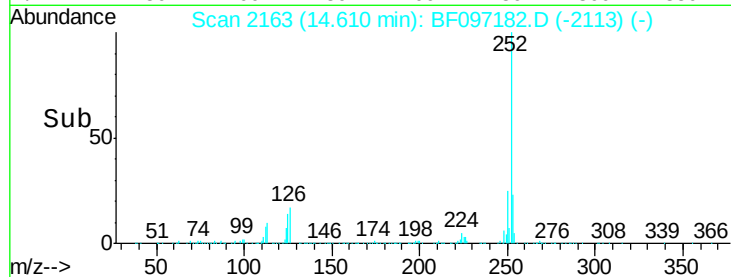
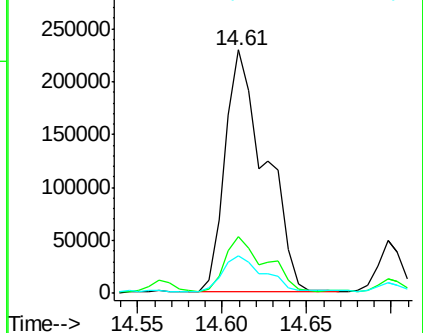
125 15.3 9.8 14.8#



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



#88

Benzo(k)fluoranthene

Concen: 49.56 ng

RT: 14.61 min Scan# 2163

Delta R.T. -0.04 min

Lab File: BF097182.D

Acq: 29 Jul 2017 4:24

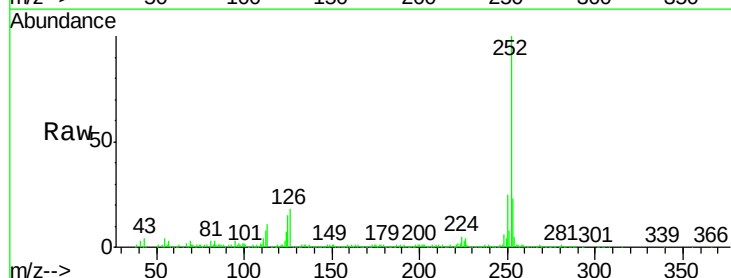
Tgt Ion:252 Resp: 380265

Ion Ratio Lower Upper

252 100

253 23.1 18.4 27.6

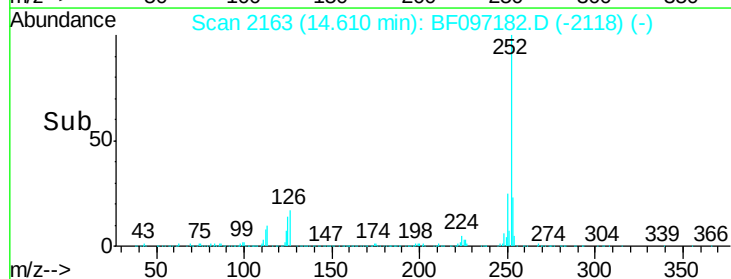
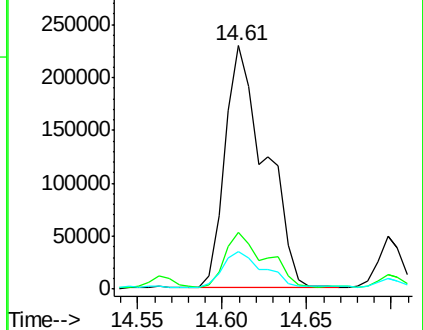
125 15.3 13.1 19.7

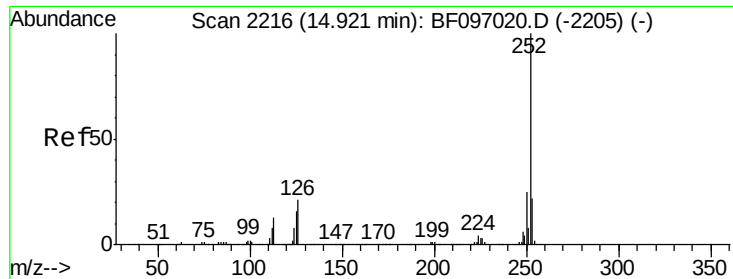


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

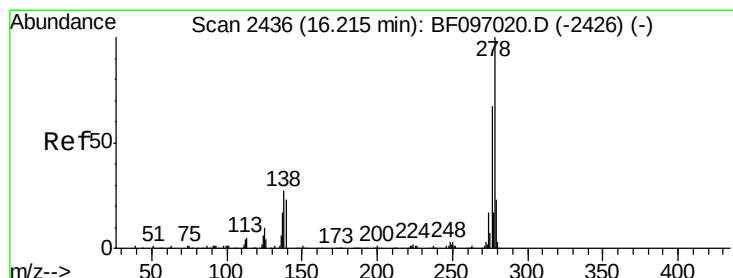
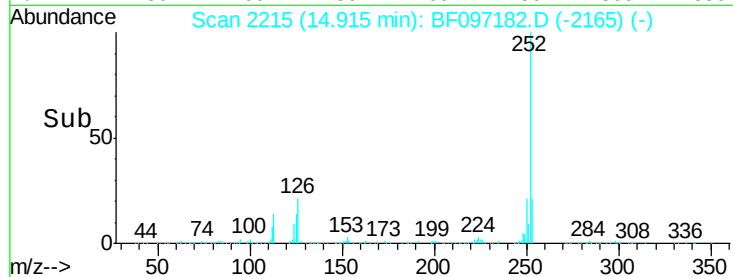
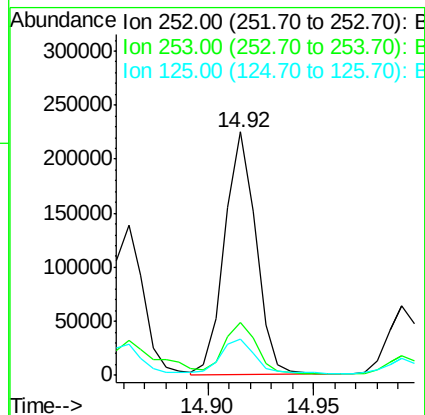
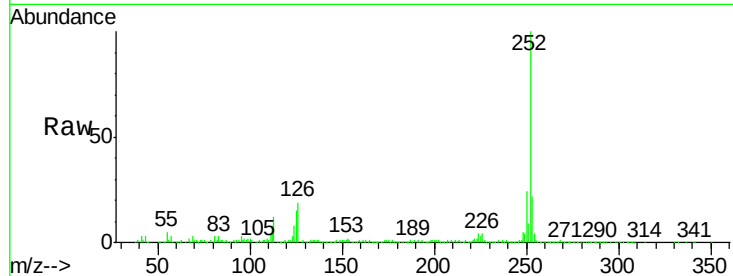




#89
Benzo(a)pyrene
Concen: 31.18 ng
RT: 14.92 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF097182.D
Acq: 29 Jul 2017 4:24

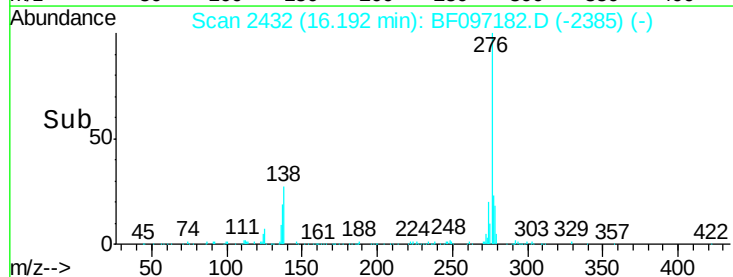
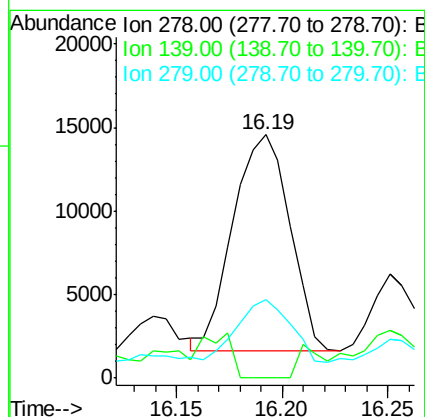
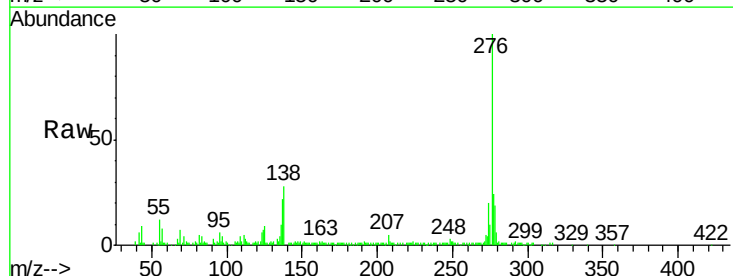
Instrument :
BNA_F
ClientSampleId :
B3(0-10)COMP

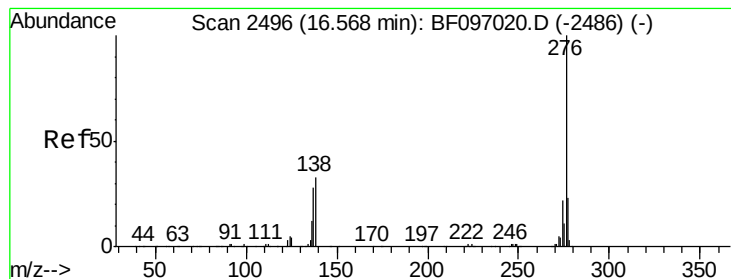
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	15.2	11.0	16.4



#90
Dibenzo(a,h)anthracene
Concen: 4.01 ng
RT: 16.19 min Scan# 2432
Delta R.T. -0.02 min
Lab File: BF097182.D
Acq: 29 Jul 2017 4:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	16.6	24.8#
279	32.0	19.3	28.9#





#91

Benzo(a,h,i)perylene

Concen: 17.30 ng

RT: 16.56 min Scan# 2494

Delta R.T. -0.01 min

Lab File: BF097182.D

Acq: 29 Jul 2017 4:24

Instrument :

BNA_F

ClientSampleId :

B3(0-10)COMP

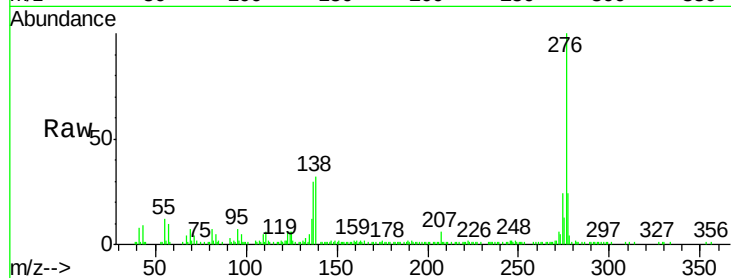
Tot Ion:276 Resp: 109624

Ion Ratio Lower Upper

276 100

277 23.9 18.6 28.0

138 32.0 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

