

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
 Data File : BF097121.D
 Acq On : 27 Jul 2017 14:38
 Operator : SJ/JU
 Sample : I4421-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-M6-WSW

Quant Time: Jul 27 15:54:21 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	102327	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	380812	20.00	ng	-0.02
38) Acenaphthene-d10	9.52	164	162745	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	220254	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	200861	20.00	ng	-0.02
86) Perylene-d12	14.96	264	181012	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	706119	104.03	ng	0.00
7) Phenol-d6	6.15	99	917916	118.45	ng	-0.02
23) Nitrobenzene-d5	7.06	82	581037	89.51	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	126689	98.53	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	795333	82.94	ng	-0.02
78) Terphenyl-d14	12.57	244	515742	52.35	ng	-0.01

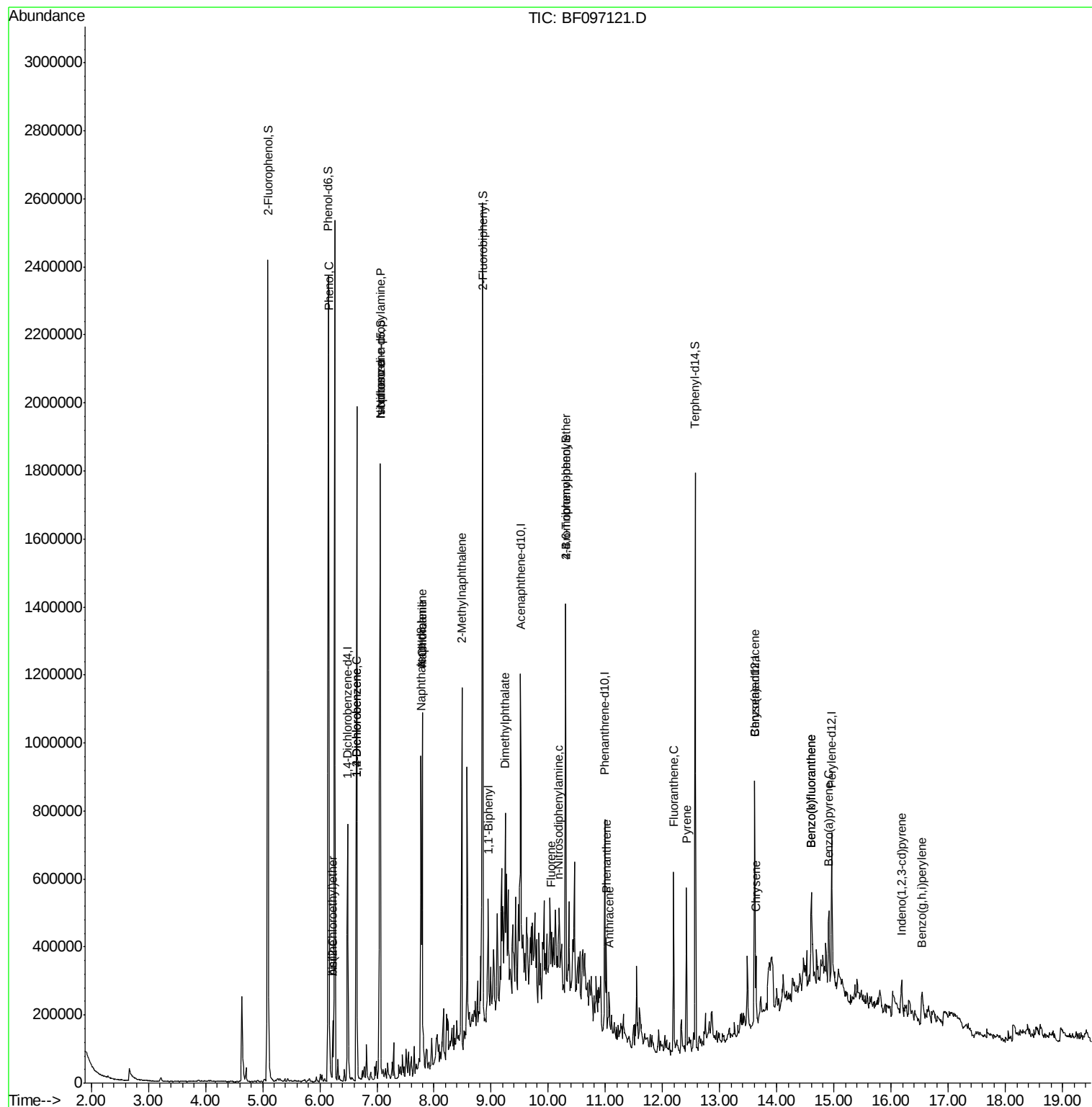
Target Compounds				Qvalue		
6) Aniline	6.23	93	57069	5.852	ng	# 54
10) Phenol	6.16	94	34734	3.779	ng	99
11) bis(2-Chloroethyl)ether	6.23	93	57069	7.850	ng	96
13) 1,4-Dichlorobenzene	6.66	146	21372	2.757	ng	95
14) 1,2-Dichlorobenzene	6.66	146	21372	3.158	ng	98
19) n-Nitroso-di-n-propylamine	7.06	70	78319	15.354	ng	# 88
25) Isophorone	7.06	82	573580	45.119	ng	# 67
31) Naphthalene	7.79	128	444954	24.787	ng	99
33) 4-Chloroaniline	7.79	127	59062	8.086	ng	# 37
37) 2-Methylnaphthalene	8.49	142	308337	27.129	ng	99
45) 1,1'-Biphenyl	8.95	154	50000	3.597	ng	95
49) Dimethylphthalate	9.25	163	214442	17.352	ng	99
57) Fluorene	10.06	166	31533	3.406	ng	# 80
65) n-Nitrosodiphenylamine	10.18	169	28371	3.702	ng	# 39
66) 4-Bromophenyl-phenylether	10.30	248	8247	3.752	ng	# 1
70) Phenanthrene	11.01	178	103655	8.783	ng	98
71) Anthracene	11.06	178	28459	2.354	ng	96
74) Fluoranthene	12.19	202	195419	16.903	ng	97
77) Pyrene	12.42	202	187311	11.391	ng	99
80) Benzo(a)anthracene	13.60	228	86635	6.666	ng	97
82) Chrysene	13.64	228	85853	6.765	ng	96
85) Indeno(1,2,3-cd)pyrene	16.18	276	49694	4.567	ng	94
87) Benzo(b)fluoranthene	14.60	252	156993	14.428	ng	# 95
88) Benzo(k)fluoranthene	14.60	252	156993	15.141	ng	98
89) Benzo(a)pyrene	14.91	252	82598	8.294	ng	# 95
91) Benzo(g,h,i)perylene	16.54	276	52347	6.112	ng	98

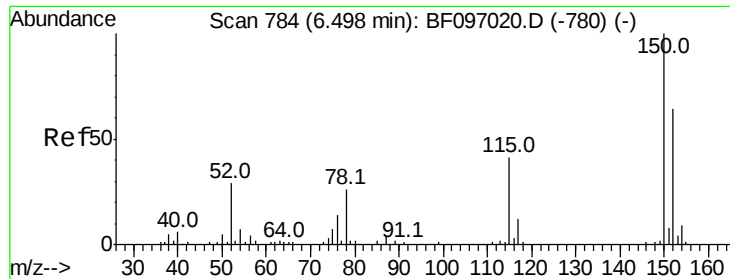
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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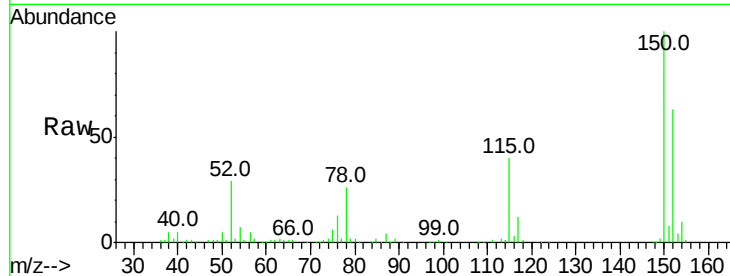


#1

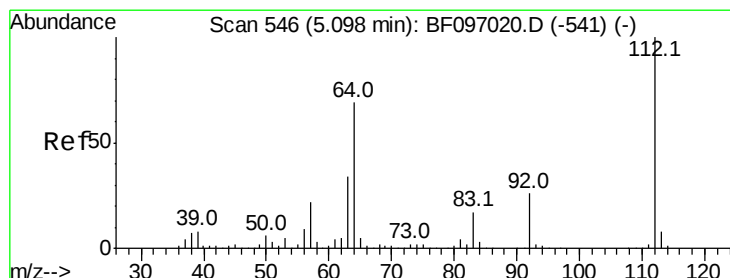
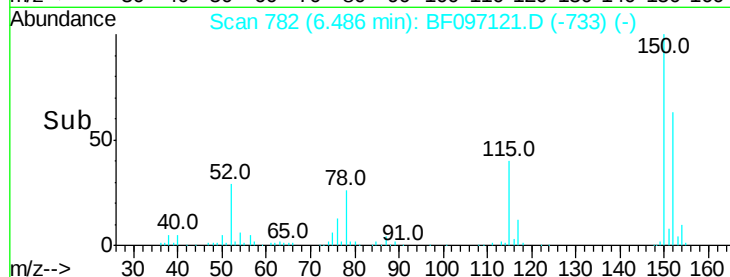
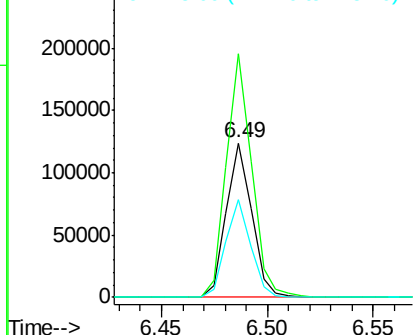
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097121.D
Acq: 27 Jul 2017 14:38

Instrument :
BNA_F
ClientSampleId :
E2-M6-WSW

Tot Ion:152 Resp: 102327
Ion Ratio Lower Upper
152 100
150 157.9 126.2 189.2
115 63.4 52.2 78.2



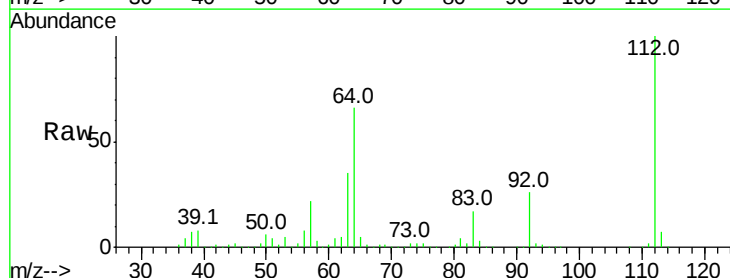
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



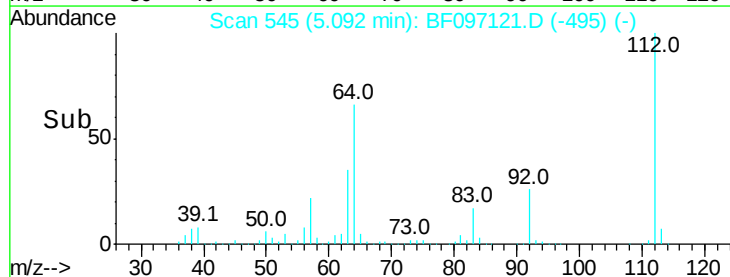
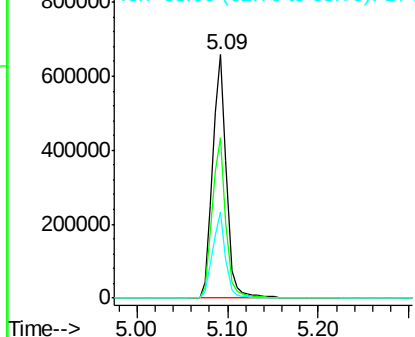
#5

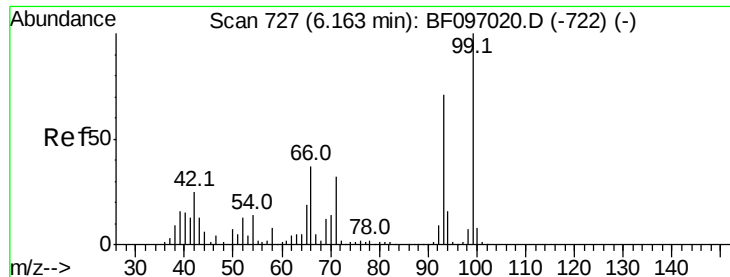
2-Fluorophenol
Concen: 104.026 ng
RT: 5.09 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF097121.D
Acq: 27 Jul 2017 14:38

Tgt Ion:112 Resp: 706119
Ion Ratio Lower Upper
112 100
64 66.0 46.0 69.0
63 35.2 23.4 35.0#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 5.852 ng

RT: 6.23 min Scan# 739

Delta R.T. 0.07 min

Lab File: BF097121.D

Acq: 27 Jul 2017 14:38

Instrument :

BNA_F

ClientSampleId :

E2-M6-WSW

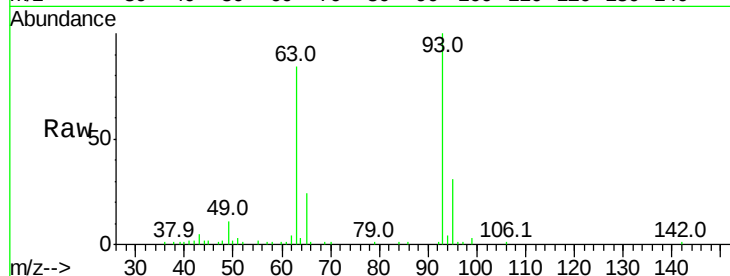
Tot Ion: 93 Resp: 57069

Ion Ratio Lower Upper

93 100

66 0.9 32.9 49.3#

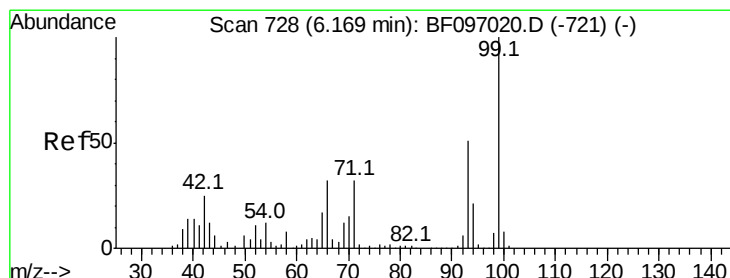
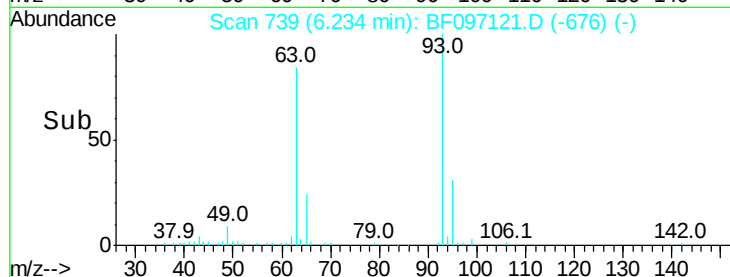
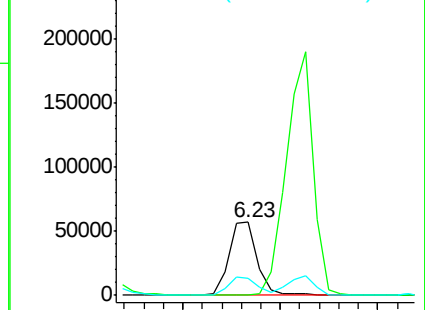
65 24.1 16.0 24.0#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 118.453 ng

RT: 6.15 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF097121.D

Acq: 27 Jul 2017 14:38

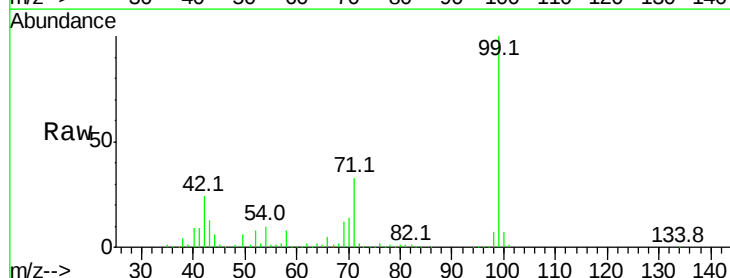
Tgt Ion: 99 Resp: 917916

Ion Ratio Lower Upper

99 100

42 24.4 13.5 20.3#

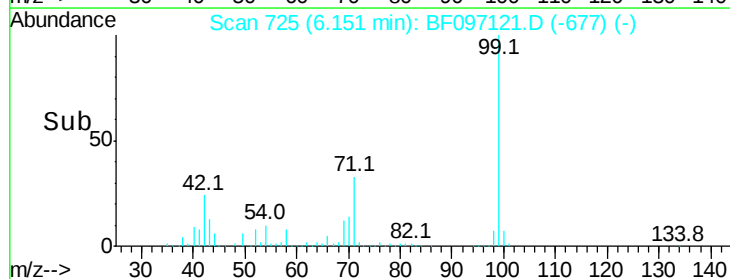
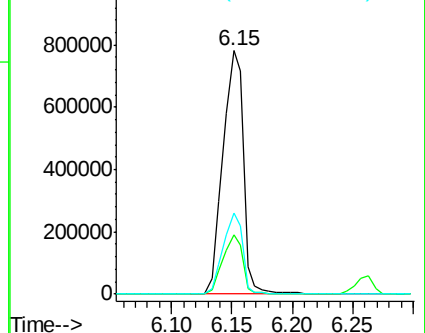
71 33.2 24.5 36.7

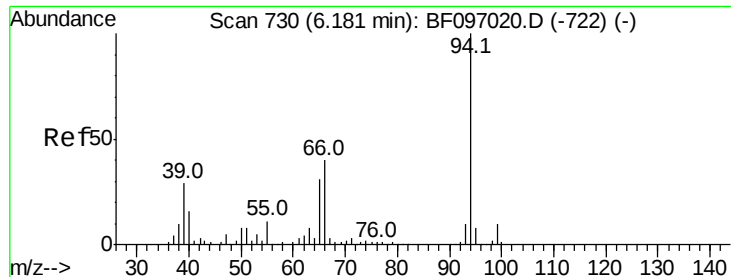


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#10

Phenol

Concen: 3.779 ng

RT: 6.16 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF097121.D

Acq: 27 Jul 2017 14:38

Instrument :

BNA_F

ClientSampleId :

E2-M6-WSW

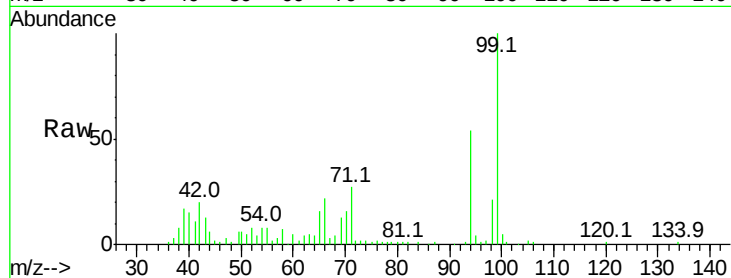
Tot Ion: 94 Resp: 34734

Ion Ratio Lower Upper

94 100

65 29.9 9.9 49.9

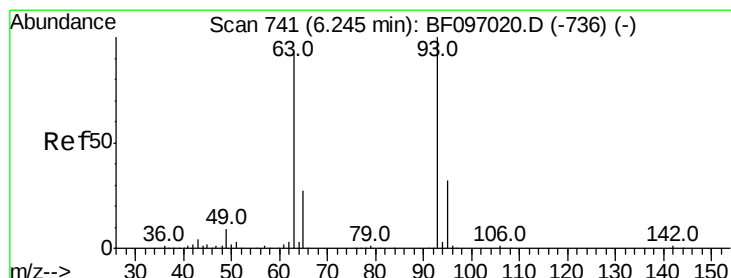
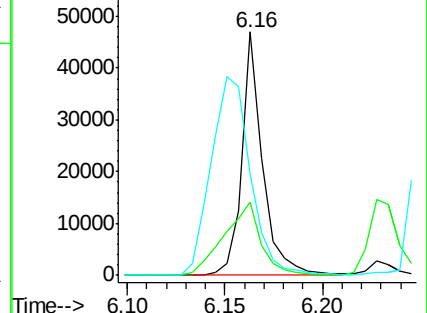
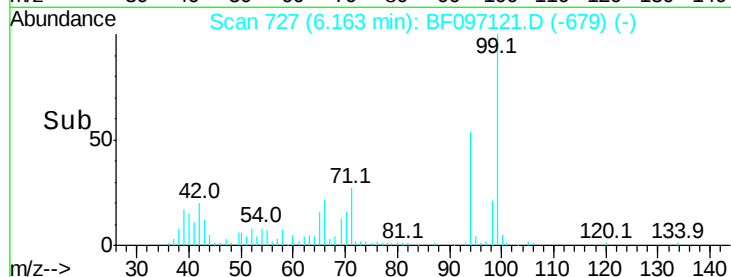
66 41.5 23.1 63.1



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



#11

bis(2-Chloroethyl)ether

Concen: 7.850 ng

RT: 6.23 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF097121.D

Acq: 27 Jul 2017 14:38

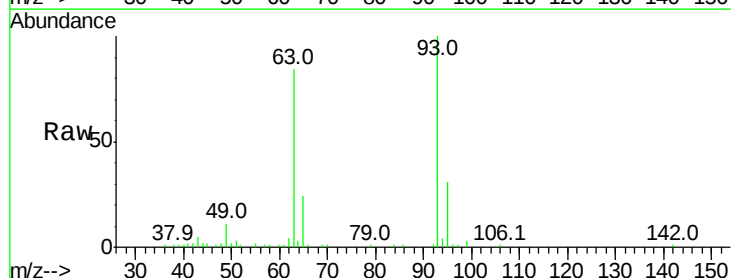
Tgt Ion: 93 Resp: 57069

Ion Ratio Lower Upper

93 100

63 83.7 59.2 99.2

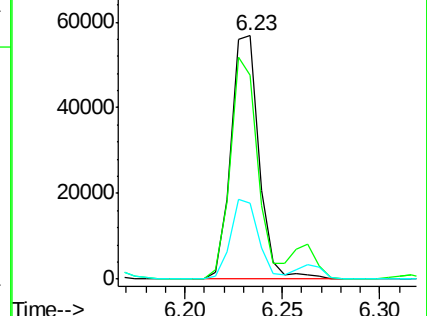
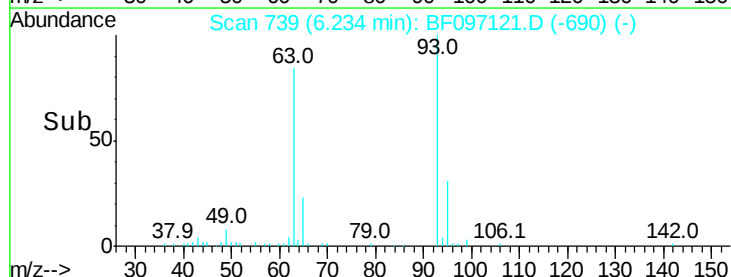
95 31.3 12.8 52.8

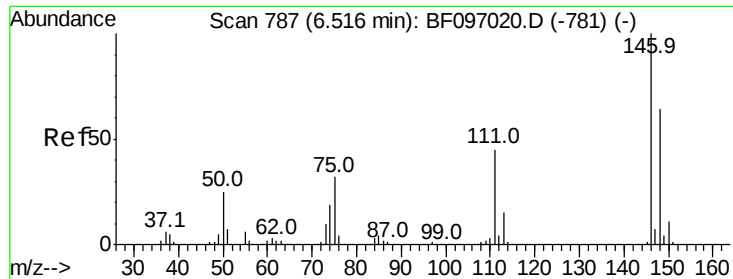


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

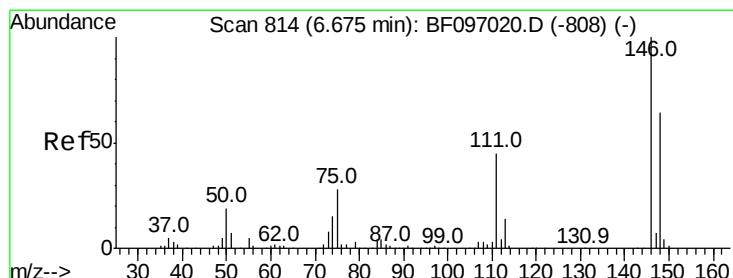
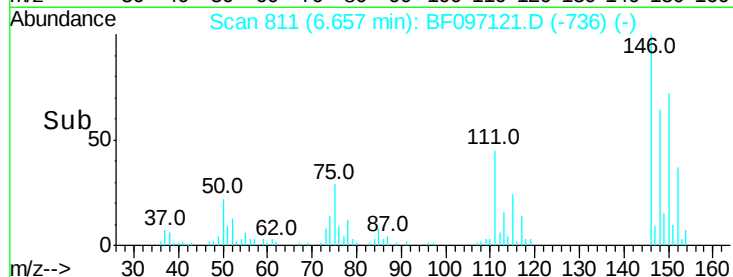
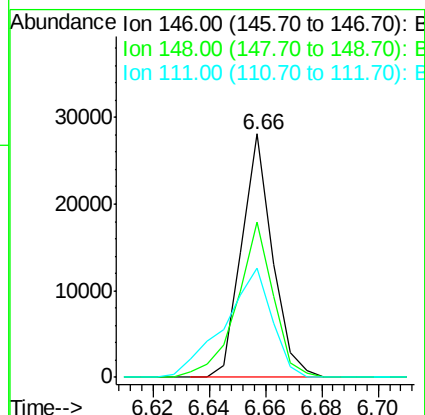
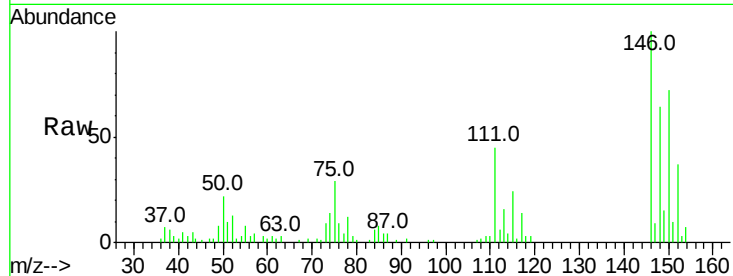




#13
 1,4-Dichlorobenzene
 Concen: 2.757 ng
 RT: 6.66 min Scan# 811
 Delta R.T. 0.14 min
 Lab File: BF097121.D
 Acq: 27 Jul 2017 14:38

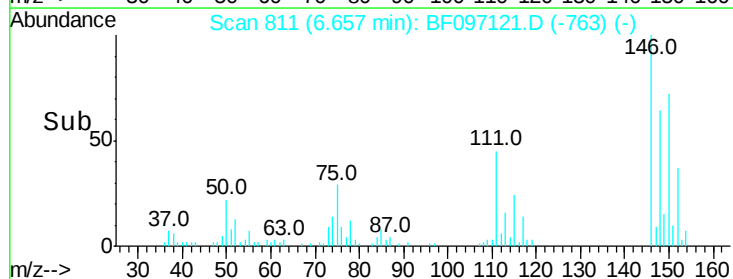
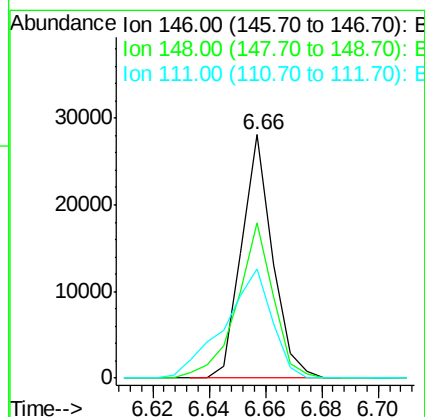
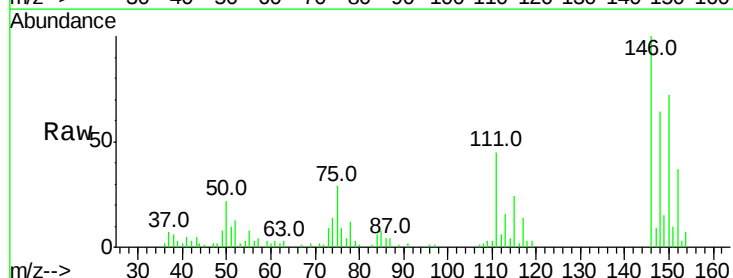
Instrument :
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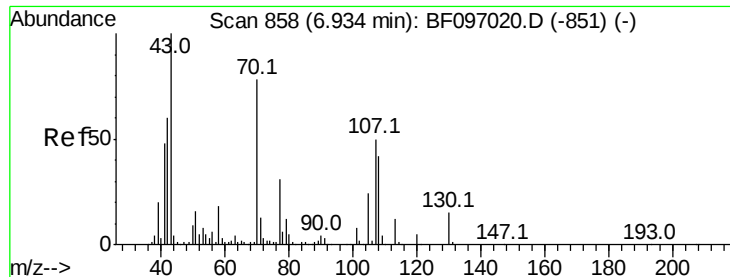
Tot Ion:146 Resp: 21372
 Ion Ratio Lower Upper
 146 100
 148 63.7 52.2 78.2
 111 44.8 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 3.158 ng
 RT: 6.66 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BF097121.D
 Acq: 27 Jul 2017 14:38

Tgt Ion:146 Resp: 21372
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.4 75.6
 111 44.8 38.2 57.4

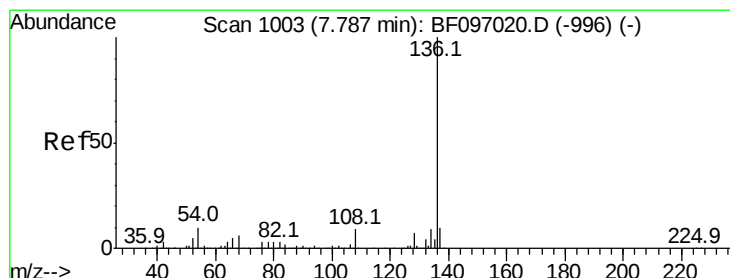
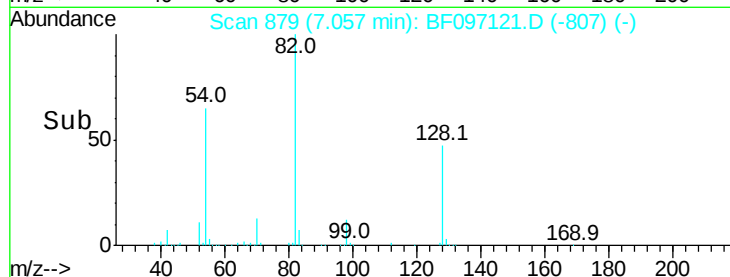
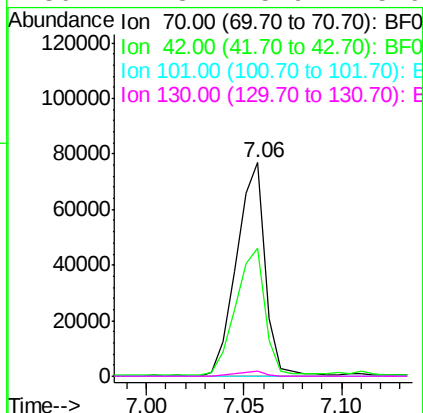
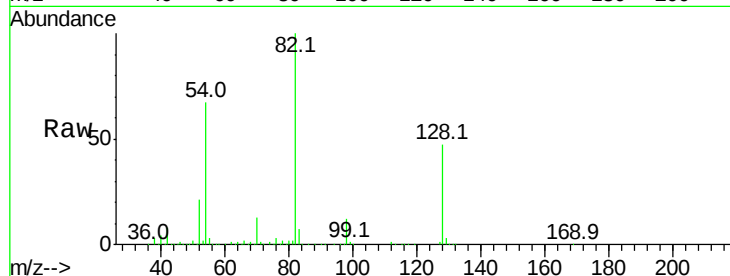




#19
n-Nitroso-di-n-propylamine
Concen: 15.354 ng
RT: 7.06 min Scan# 879
Delta R.T. 0.12 min
Lab File: BF097121.D
Acq: 27 Jul 2017 14:38

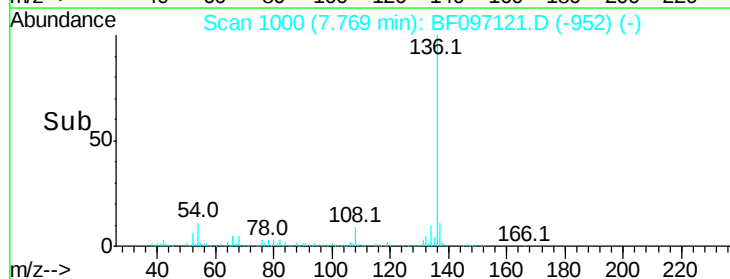
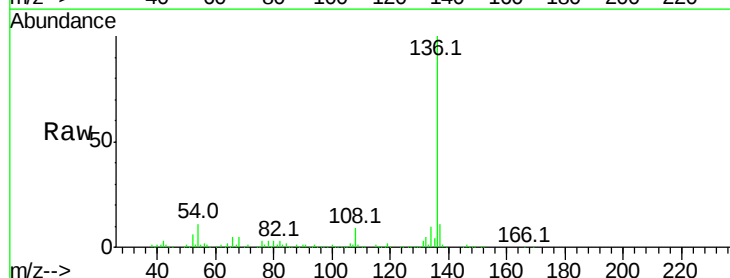
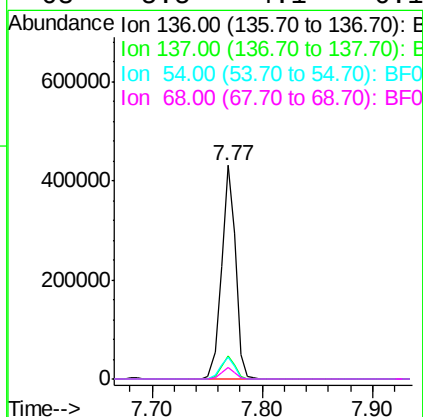
Instrument :
BNA_F
ClientSampleId :
E2-M6-WSW

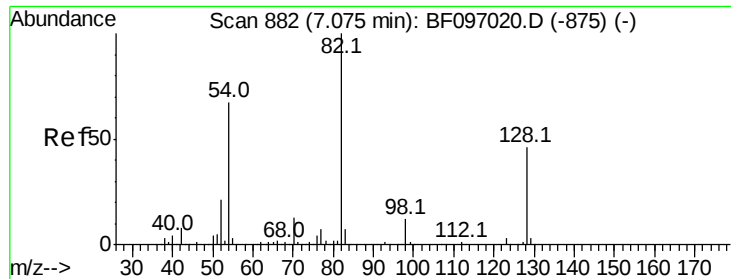
Tot Ion: 70 Resp: 78319
Ion Ratio Lower Upper
70 100
42 60.1 47.2 70.8
101 0.0 7.2 10.8#
130 2.3 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.77 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF097121.D
Acq: 27 Jul 2017 14:38

Tgt Ion: 136 Resp: 380812
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 10.5 4.9 7.3#
68 5.5 4.1 6.1

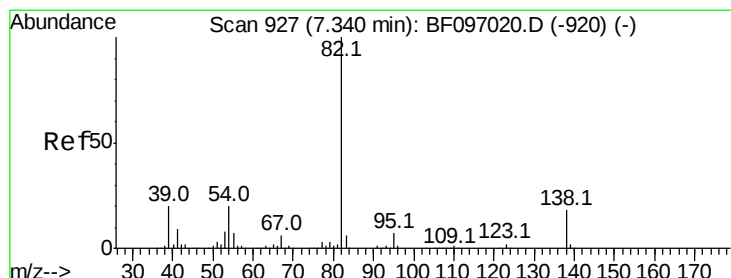
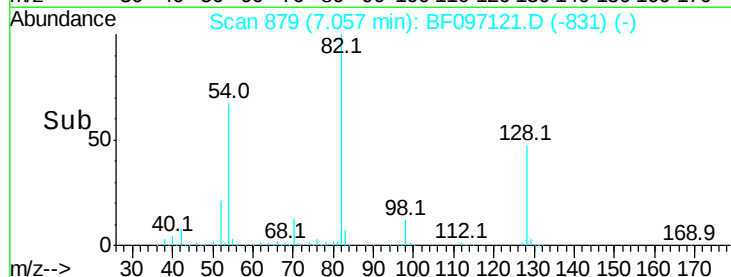
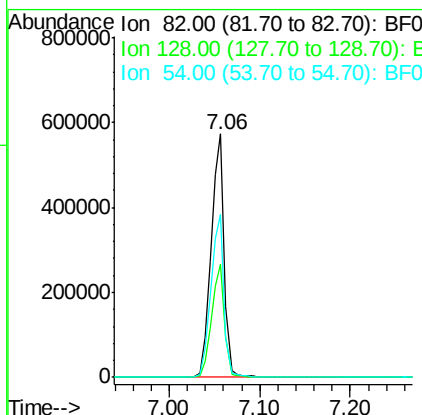
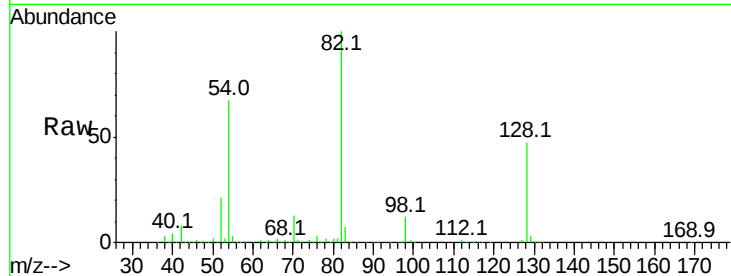




#23
Nitrobenzene-d5
Concen: 89.509 ng
RT: 7.06 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF097121.D
Acq: 27 Jul 2017 14:38

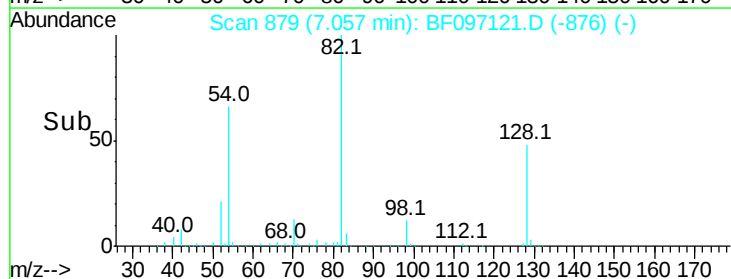
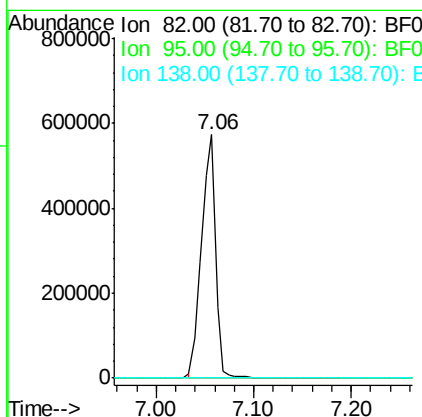
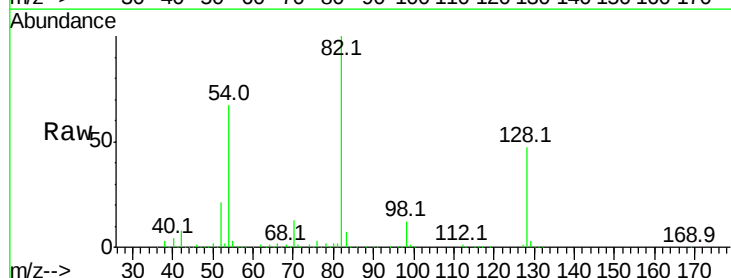
Instrument :
BNA_F
ClientSampleId :
E2-M6-WSW

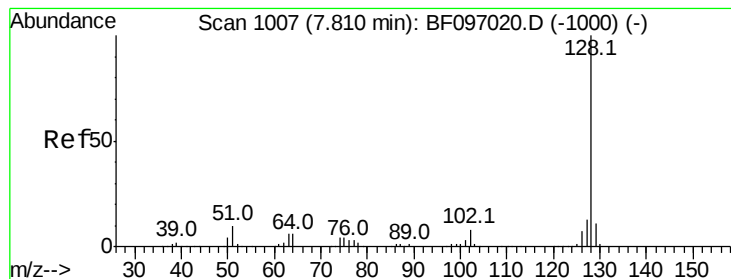
Tot Ion: 82 Resp: 581037
Ion Ratio Lower Upper
82 100
128 46.6 34.0 51.0
54 67.1 42.2 63.2#



#25
Isophorone
Concen: 45.119 ng
RT: 7.06 min Scan# 879
Delta R.T. -0.28 min
Lab File: BF097121.D
Acq: 27 Jul 2017 14:38

Tgt Ion: 82 Resp: 573580
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#





#31

Naphthalene

Concen: 24.787 ng

RT: 7.79 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BF097121.D

Acq: 27 Jul 2017 14:38

Instrument :

BNA_F

ClientSampleId :

E2-M6-WSW

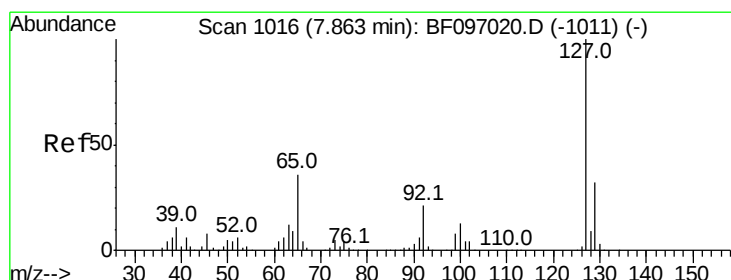
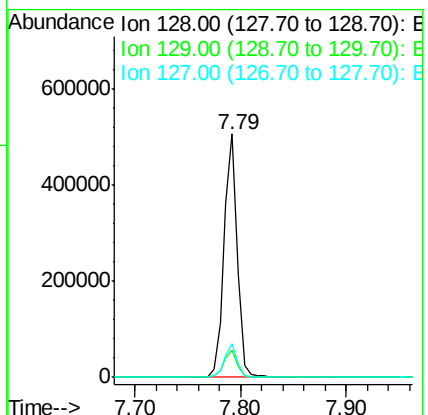
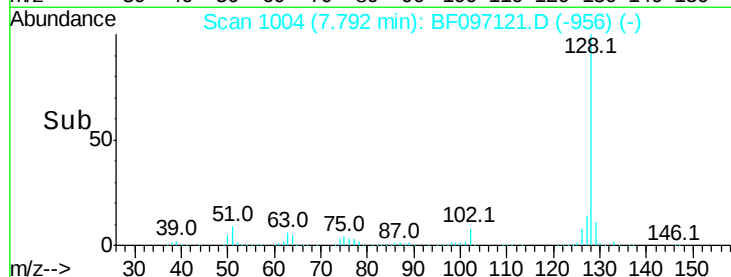
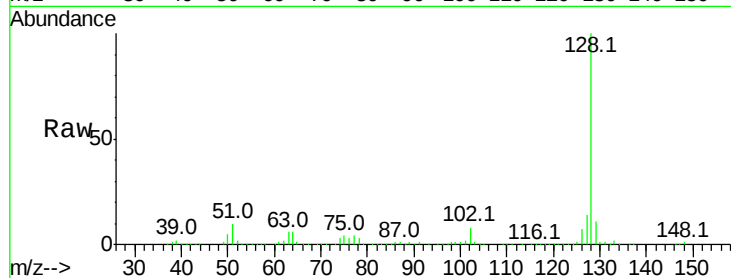
Tot Ion:128 Resp: 444954

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

127 13.8 10.8 16.2



#33

4-Chloroaniline

Concen: 8.086 ng

RT: 7.79 min Scan# 1004

Delta R.T. -0.07 min

Lab File: BF097121.D

Acq: 27 Jul 2017 14:38

Tgt Ion:127 Resp: 59062

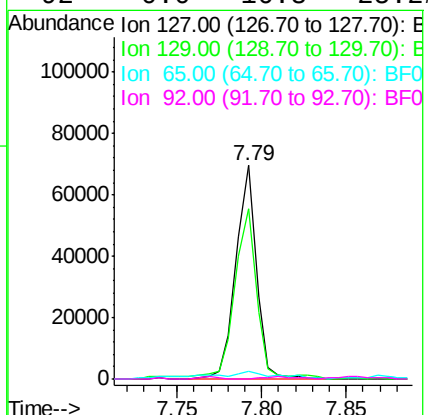
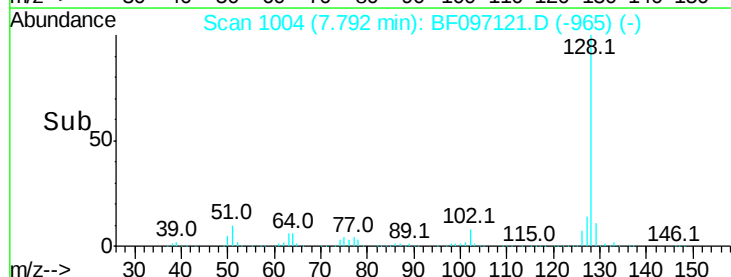
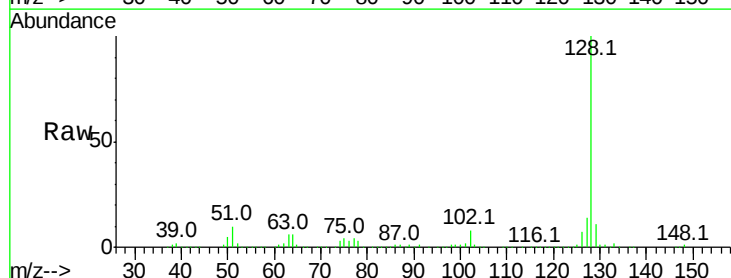
Ion Ratio Lower Upper

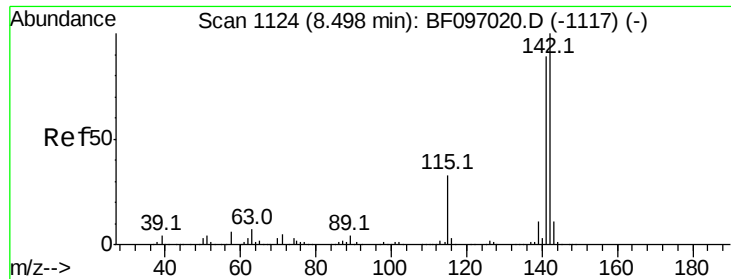
127 100

129 79.6 26.2 39.2#

65 3.8 27.8 41.8#

92 0.0 16.8 25.2#

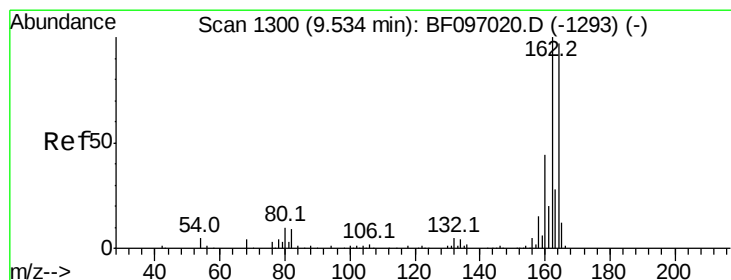
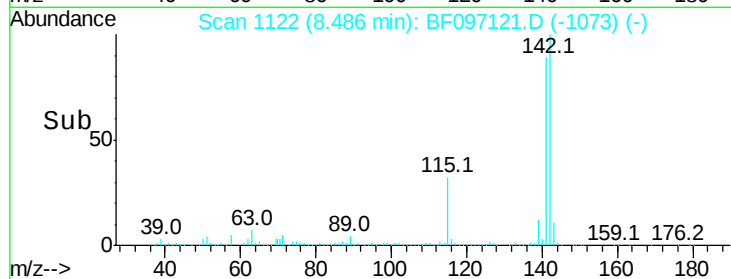
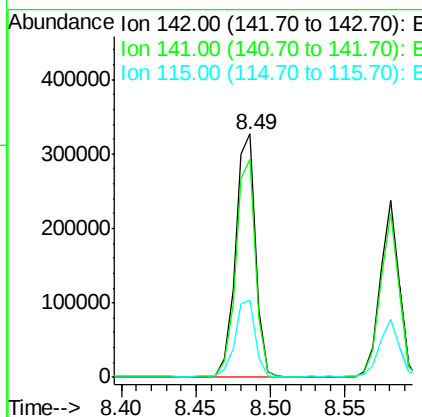
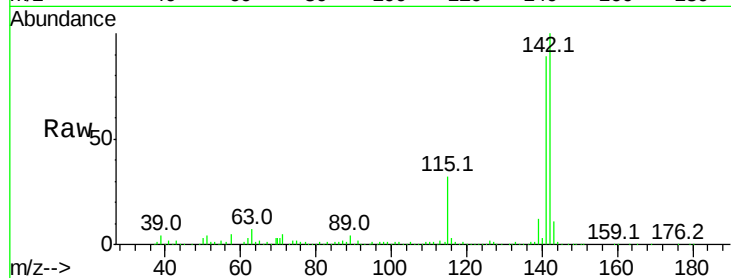




#37
 2-Methylnaphthalene
 Concen: 27.129 ng
 RT: 8.49 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF097121.D
 Acq: 27 Jul 2017 14:38

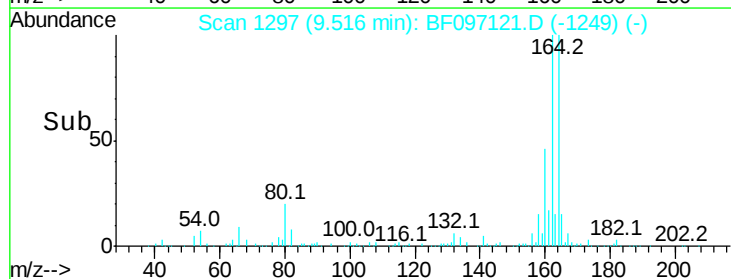
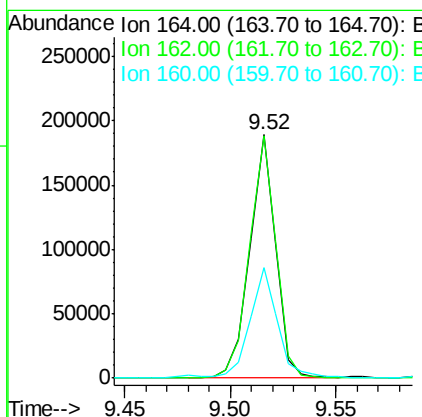
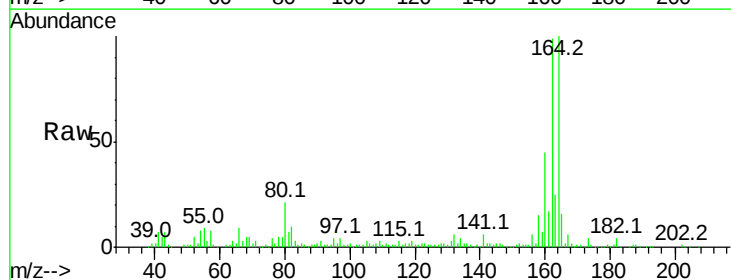
Instrument :
 BNA_F
 ClientSampleId :
 E2-M6-WSW

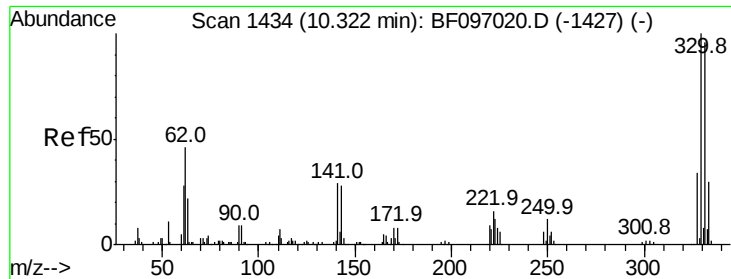
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.3	106.9
115	31.7	27.1	40.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.52 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF097121.D
 Acq: 27 Jul 2017 14:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.4	82.6	123.8
160	45.5	36.2	54.2

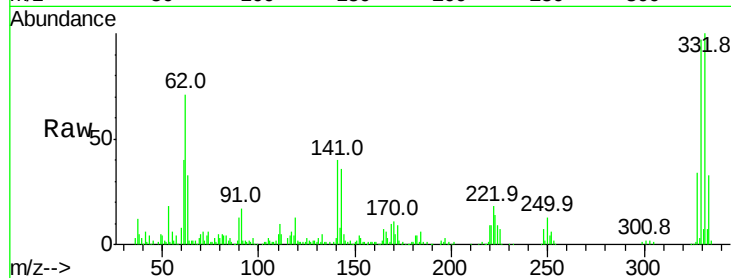




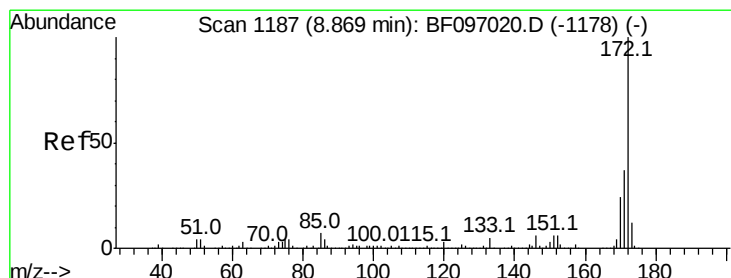
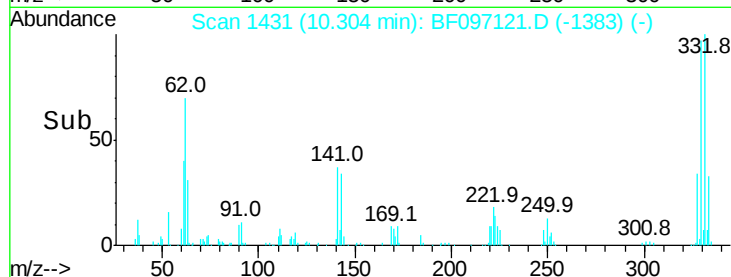
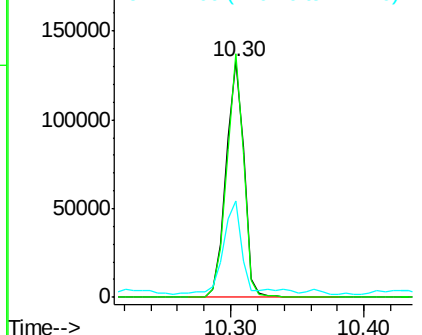
#41
 2,4,6-Tribromophenol
 Concen: 98.526 ng
 RT: 10.30 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF097121.D
 Acq: 27 Jul 2017 14:38

Instrument :
 BNA_F
 ClientSampleId :
 E2-M6-WSW

Tot Ion:330 Resp: 126689
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 115.0
 141 39.2 31.4 47.2

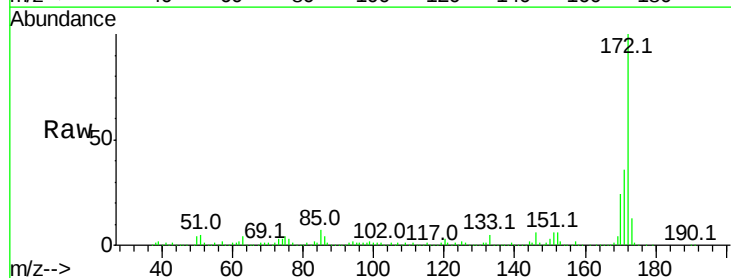


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

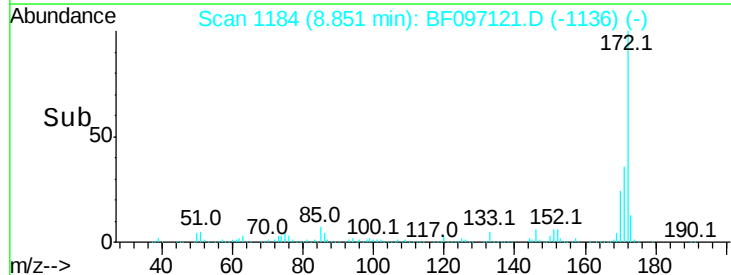
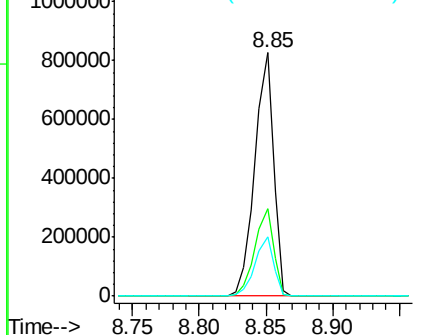


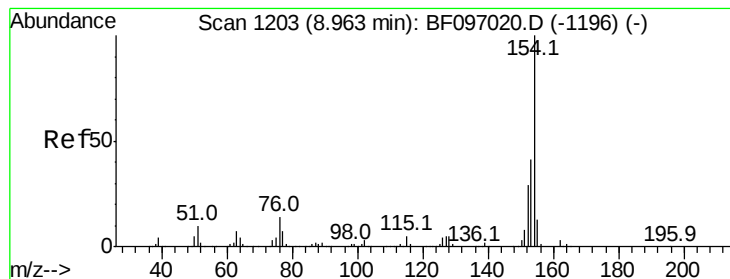
#44
 2-Fluorobiphenyl
 Concen: 82.937 ng
 RT: 8.85 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF097121.D
 Acq: 27 Jul 2017 14:38

Tgt Ion:172 Resp: 795333
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 24.3 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





#45

1,1'-Biphenyl

Concen: 3.597 ng

RT: 8.95 min Scan# 1200

Delta R.T. -0.02 min

Lab File: BF097121.D

Acq: 27 Jul 2017 14:38

Instrument :

BNA_F

ClientSampleId :

E2-M6-WSW

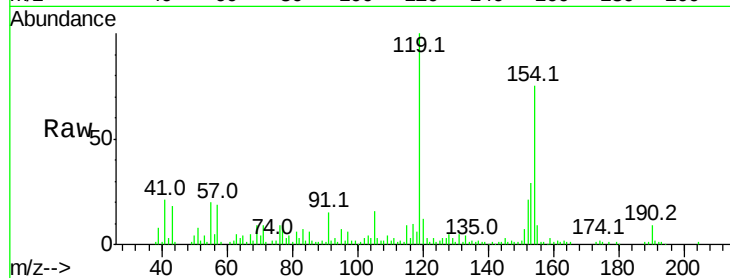
Tot Ion:154 Resp: 50000

Ion Ratio Lower Upper

154 100

153 38.5 21.2 61.2

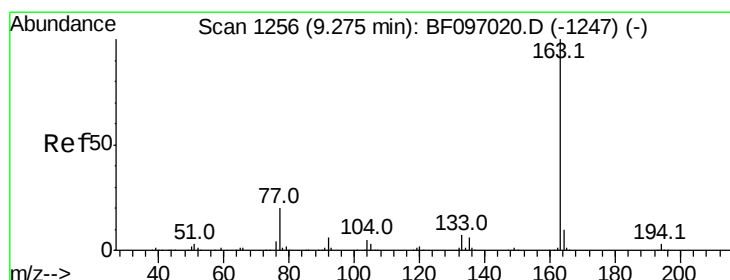
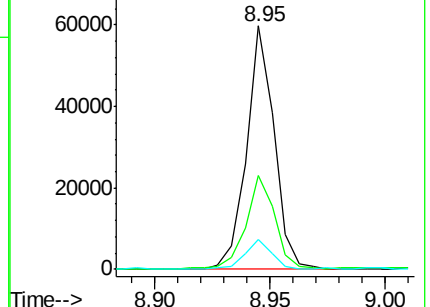
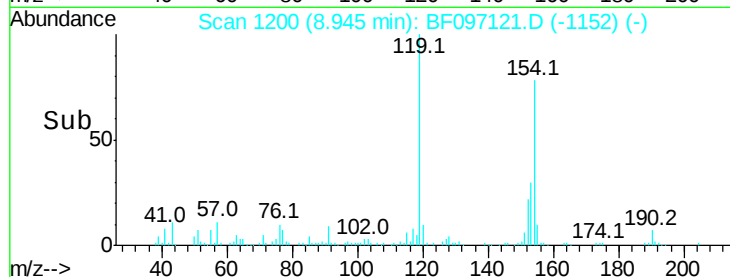
76 12.3 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#49

Dimethylphthalate

Concen: 17.352 ng

RT: 9.25 min Scan# 1251

Delta R.T. -0.03 min

Lab File: BF097121.D

Acq: 27 Jul 2017 14:38

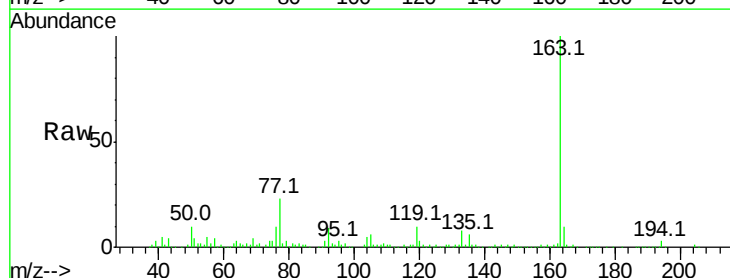
Tgt Ion:163 Resp: 214442

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

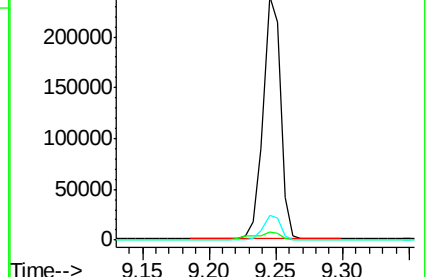
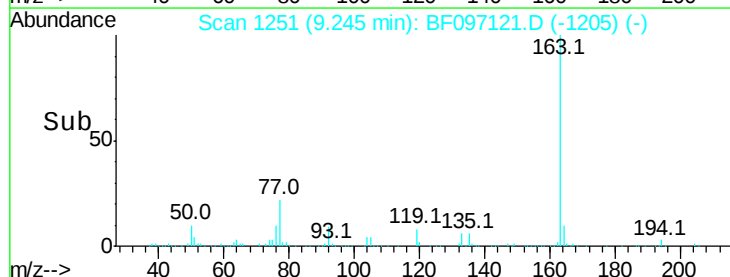
164 10.1 8.4 12.6

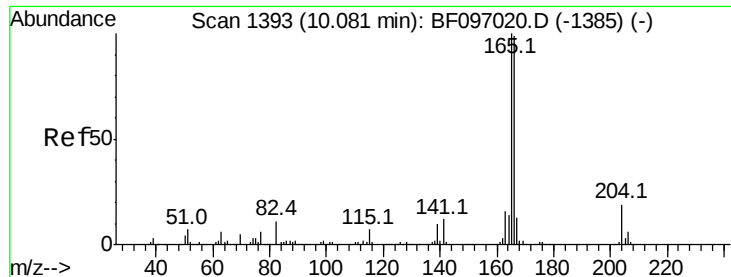


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#57

Fluorene

Concen: 3.406 ng

RT: 10.06 min Scan# 1389

Delta R.T. -0.02 min

Lab File: BF097121.D

Acq: 27 Jul 2017 14:38

Instrument :

BNA_F

ClientSampleId :

E2-M6-WSW

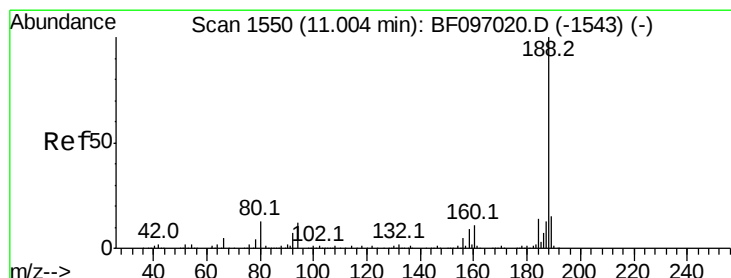
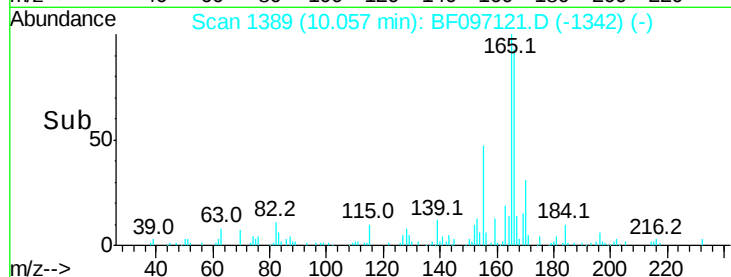
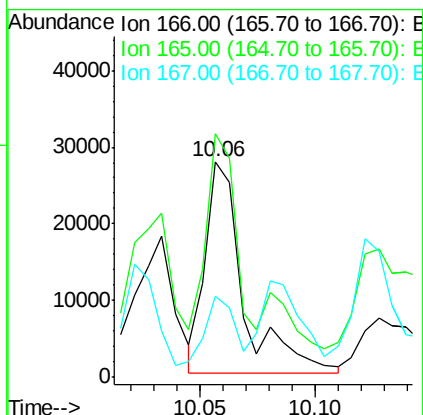
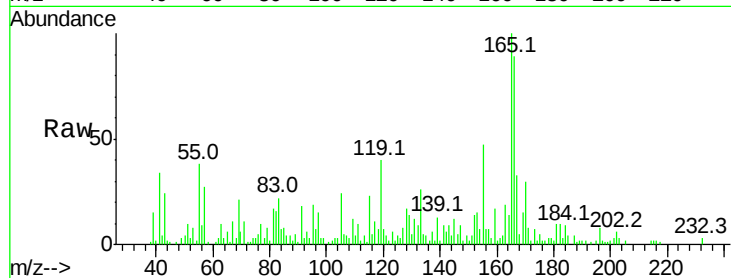
Tot Ion:166 Resp: 31533

Ion Ratio Lower Upper

166 100

165 112.8 78.8 118.2

167 37.5 10.6 16.0#



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 10.99 min Scan# 1547

Delta R.T. -0.02 min

Lab File: BF097121.D

Acq: 27 Jul 2017 14:38

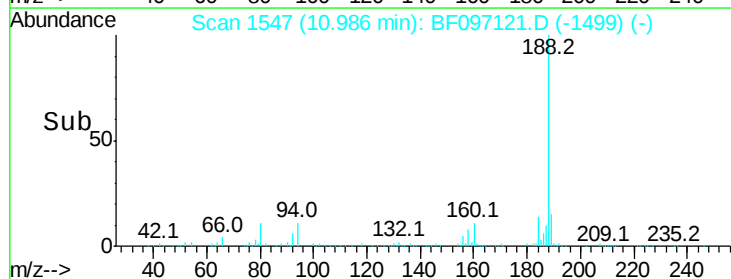
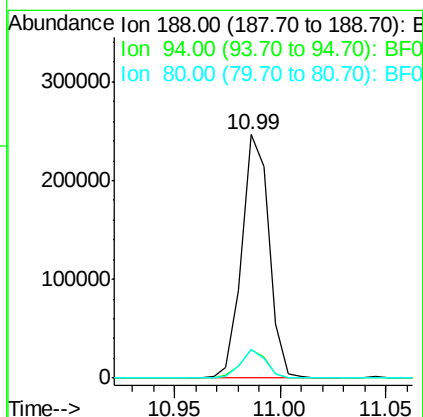
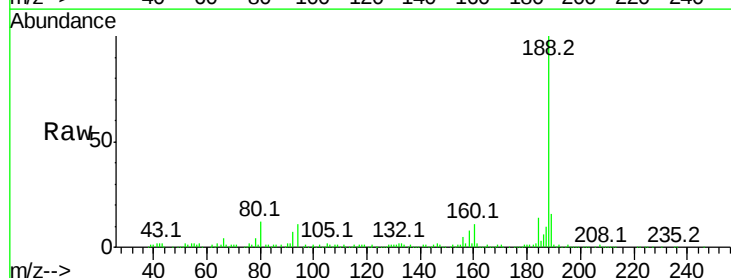
Tgt Ion:188 Resp: 220254

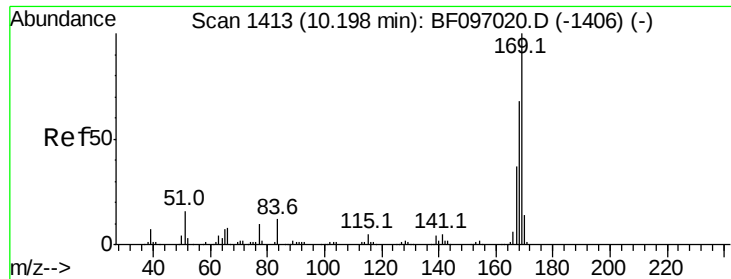
Ion Ratio Lower Upper

188 100

94 11.5 9.4 14.2

80 11.6 10.2 15.2

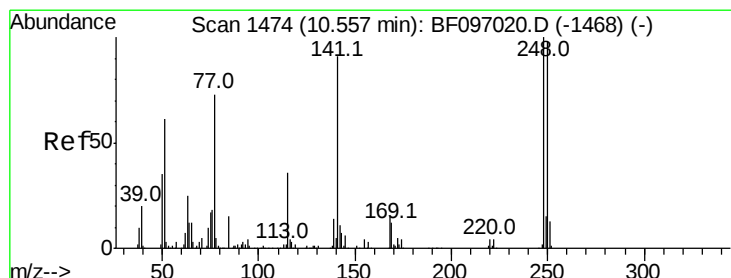
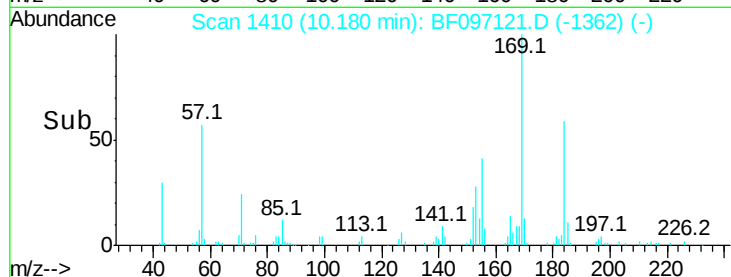
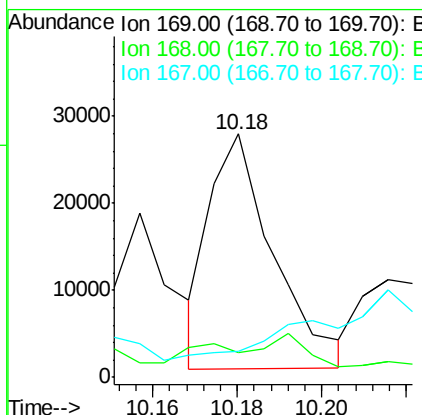
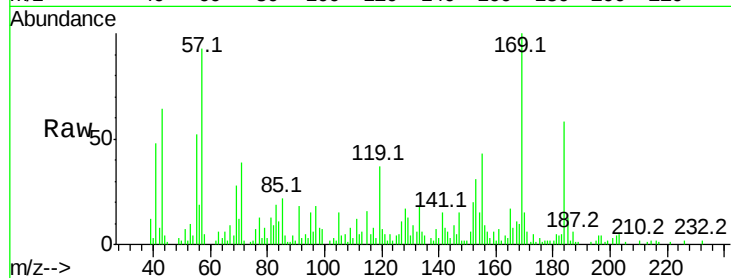




#65
n-Nitrosodiphenylamine
Concen: 3.702 ng
RT: 10.18 min Scan# 1410
Delta R.T. -0.02 min
Lab File: BF097121.D
Acq: 27 Jul 2017 14:38

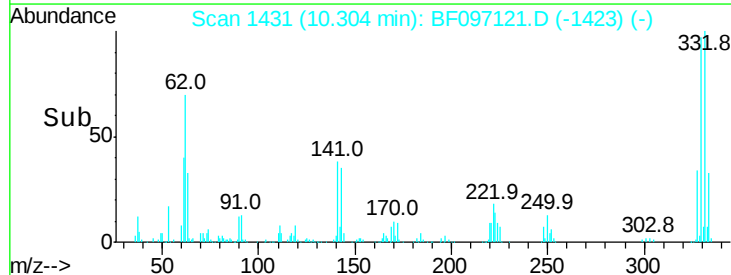
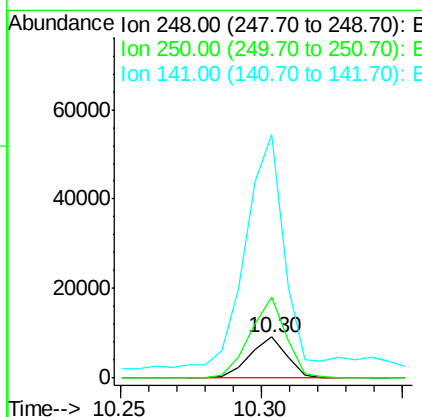
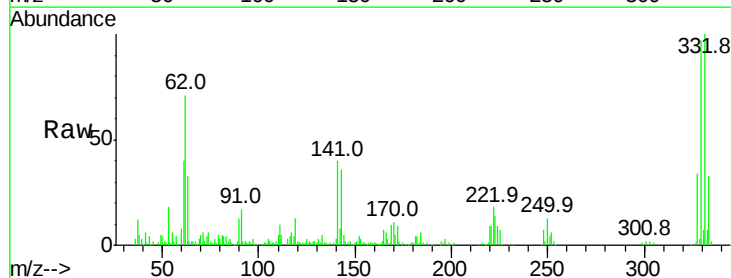
Instrument :
BNA_F
ClientSampleId :
E2-M6-WSW

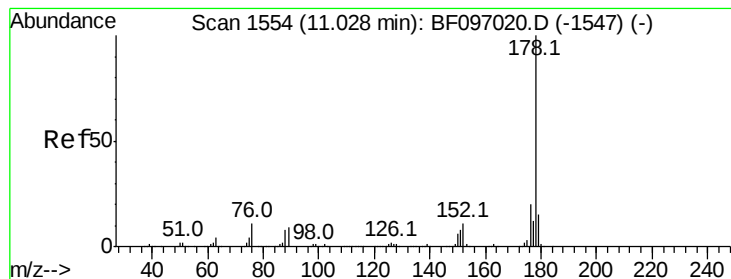
Tot Ion:169 Resp: 28371
Ion Ratio Lower Upper
169 100
168 10.4 53.2 79.8#
167 10.6 29.5 44.3#



#66
4-Bromophenyl-phenylether
Concen: 3.752 ng
RT: 10.30 min Scan# 1431
Delta R.T. -0.25 min
Lab File: BF097121.D
Acq: 27 Jul 2017 14:38

Tgt Ion:248 Resp: 8247
Ion Ratio Lower Upper
248 100
250 199.1 76.8 115.2#
141 597.3 68.6 103.0#





#70

Phenanthrene

Concen: 8.783 ng

RT: 11.01 min Scan# 1551

Delta R.T. -0.02 min

Lab File: BF097121.D

Acq: 27 Jul 2017 14:38

Instrument :

BNA_F

ClientSampleId :

E2-M6-WSW

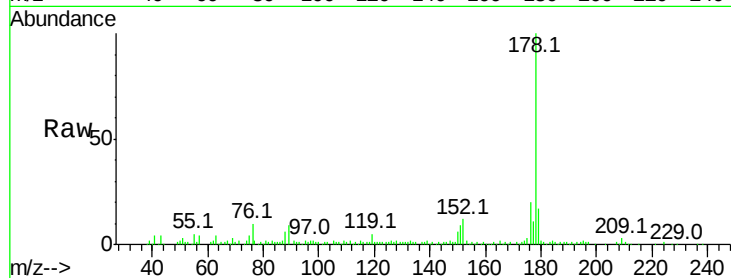
Tot Ion:178 Resp: 103655

Ion Ratio Lower Upper

178 100

176 19.6 16.2 24.4

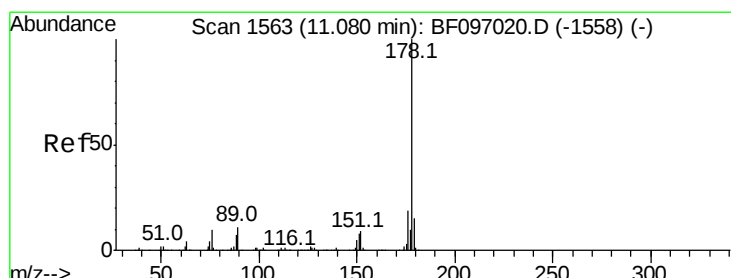
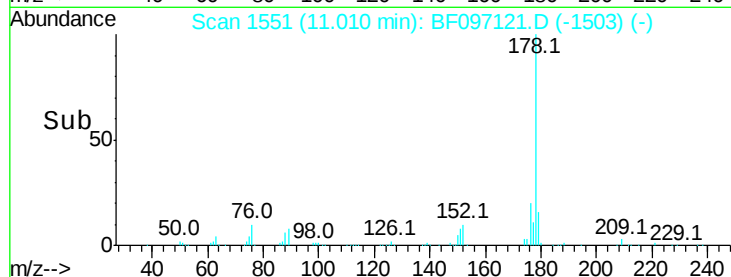
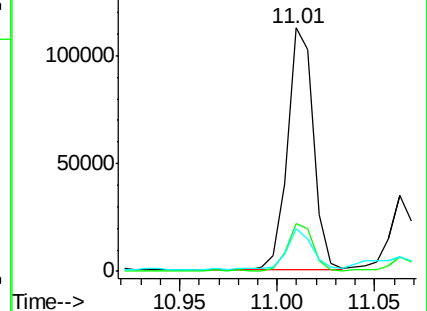
179 17.3 12.6 19.0



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: 2.354 ng

RT: 11.06 min Scan# 1560

Delta R.T. -0.02 min

Lab File: BF097121.D

Acq: 27 Jul 2017 14:38

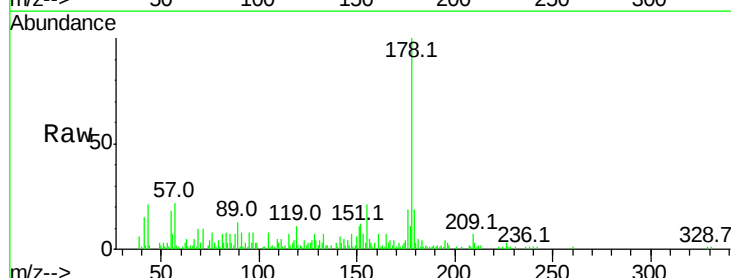
Tgt Ion:178 Resp: 28459

Ion Ratio Lower Upper

178 100

176 19.0 15.8 23.8

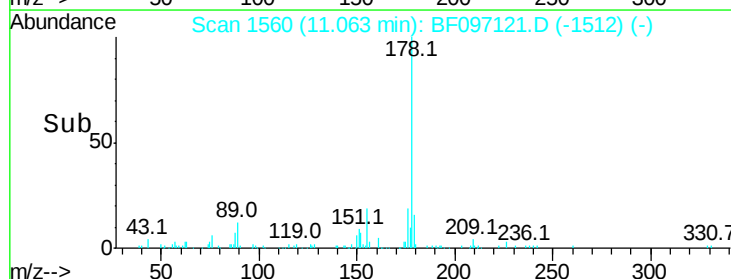
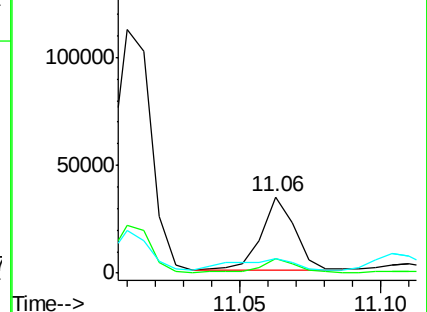
179 19.0 12.7 19.1

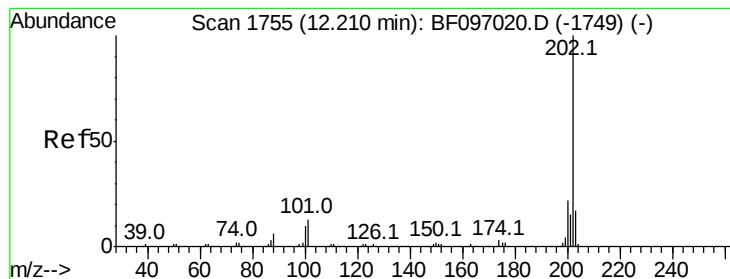


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 16.903 ng

RT: 12.19 min Scan# 1752

Delta R.T. -0.02 min

Lab File: BF097121.D

Acq: 27 Jul 2017 14:38

Instrument :

BNA_F

ClientSampleId :

E2-M6-WSW

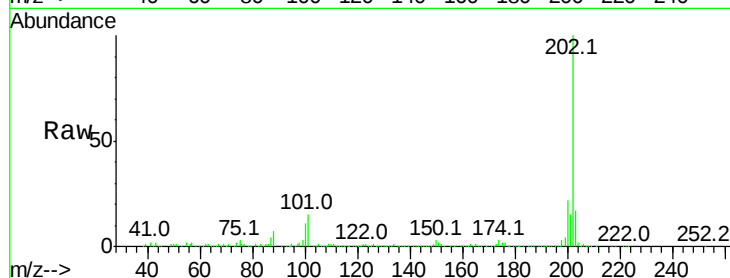
Tot Ion:202 Resp: 195419

Ion Ratio Lower Upper

202 100

101 15.4 0.0 33.2

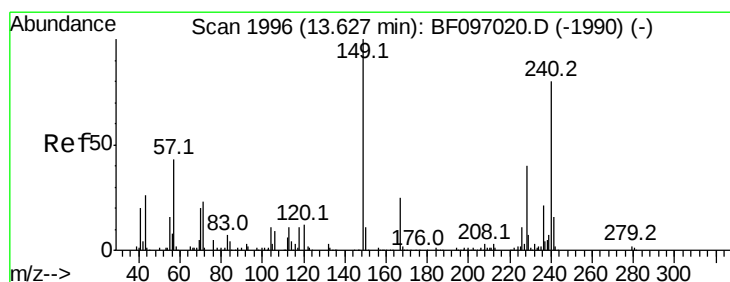
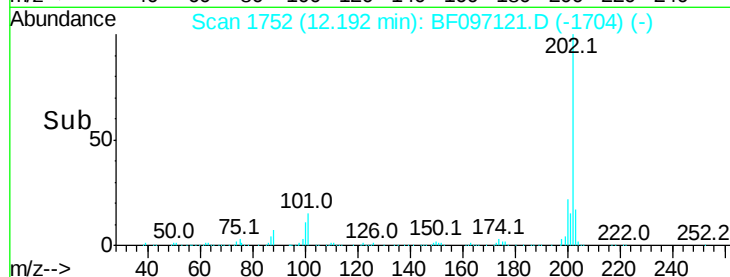
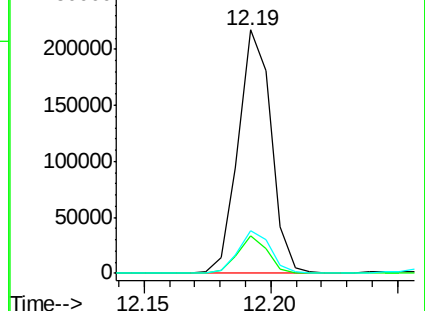
203 17.4 0.0 38.1



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: 20.000 ng

RT: 13.61 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BF097121.D

Acq: 27 Jul 2017 14:38

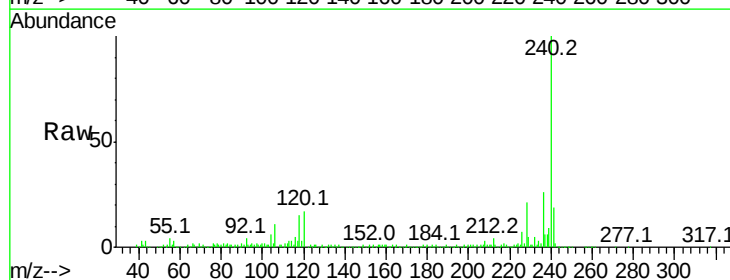
Tgt Ion:240 Resp: 200861

Ion Ratio Lower Upper

240 100

120 17.0 5.8 8.8#

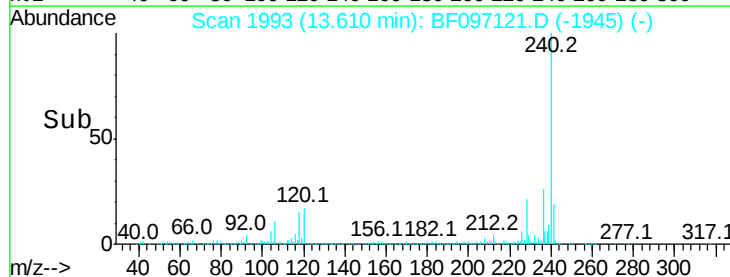
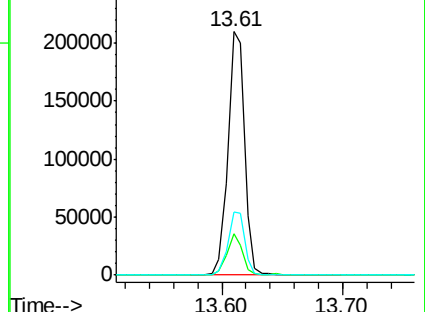
236 25.8 20.5 30.7

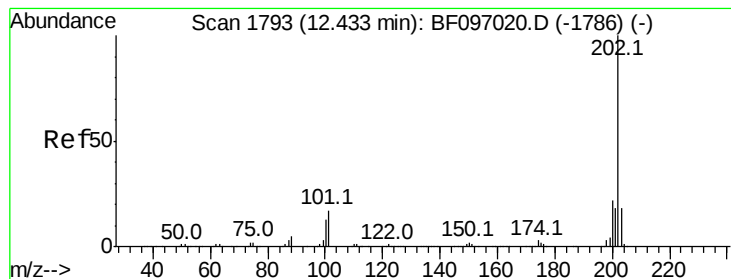


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 11.391 ng

RT: 12.42 min Scan# 1790

Delta R.T. -0.02 min

Lab File: BF097121.D

Acq: 27 Jul 2017 14:38

Instrument :

BNA_F

ClientSampleId :

E2-M6-WSW

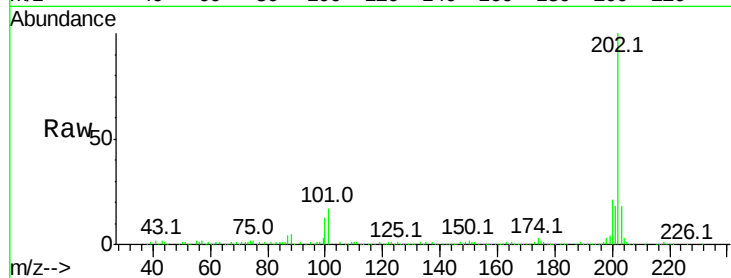
Tot Ion:202 Resp: 187311

Ion Ratio Lower Upper

202 100

200 21.1 17.6 26.4

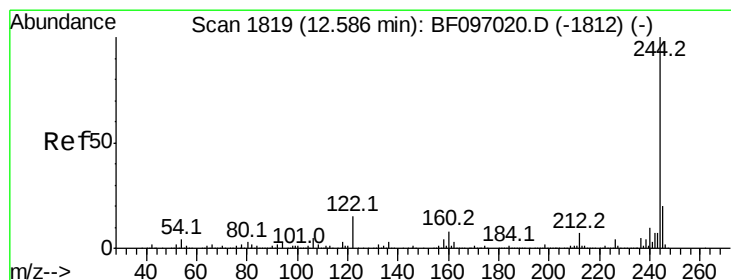
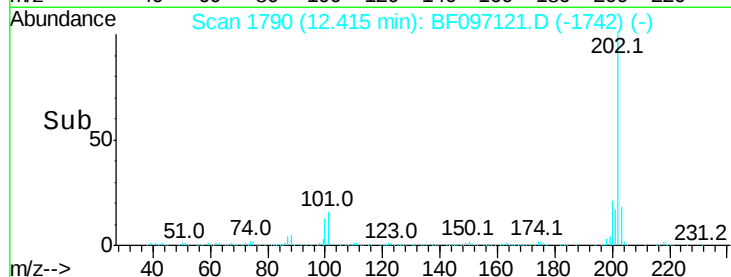
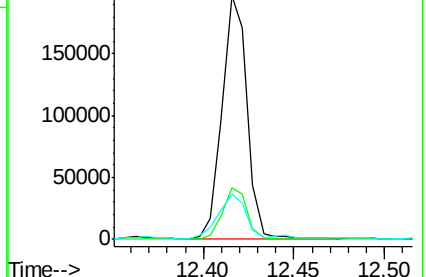
203 18.4 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 52.351 ng

RT: 12.57 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF097121.D

Acq: 27 Jul 2017 14:38

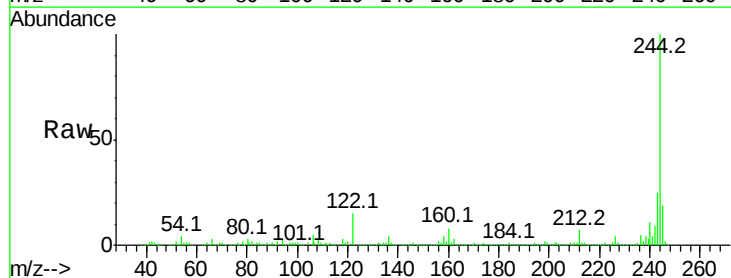
Tgt Ion:244 Resp: 515742

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

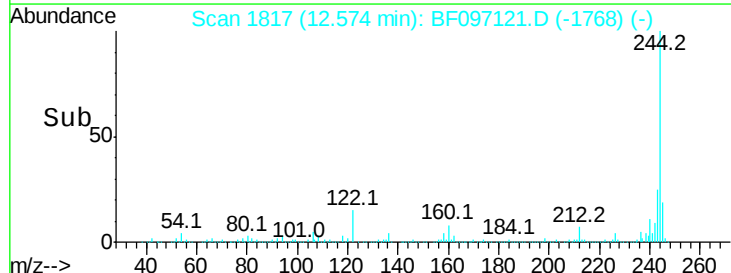
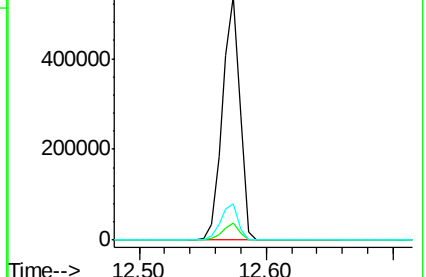
122 14.9 10.3 15.5

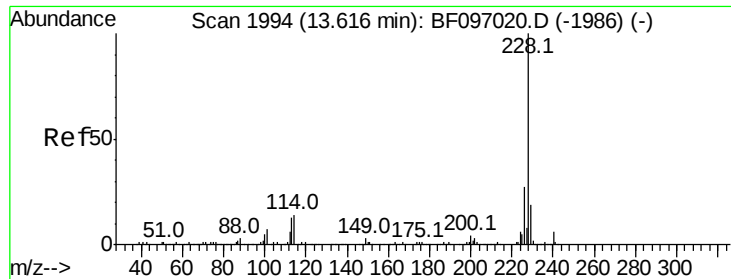


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

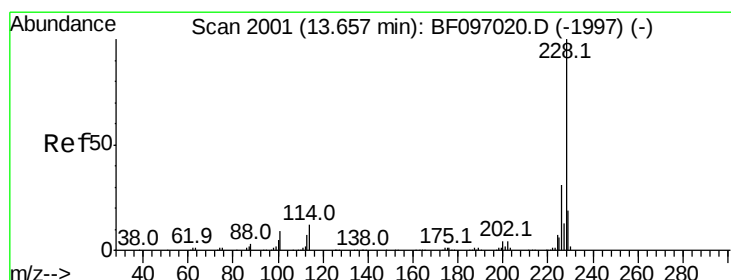
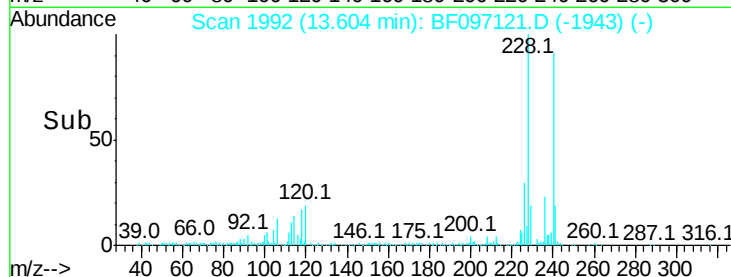
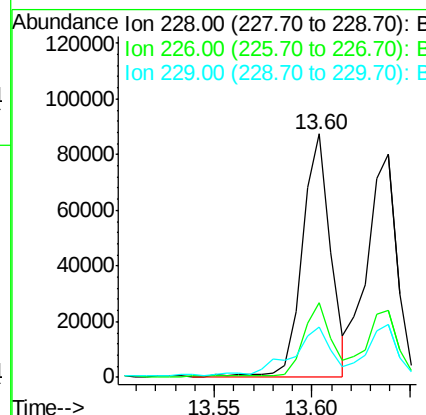
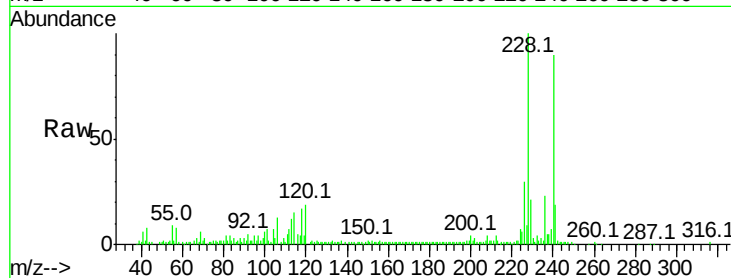




#80
Benzo(a)anthracene
Concen: 6.666 ng
RT: 13.60 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BF097121.D
Acq: 27 Jul 2017 14:38

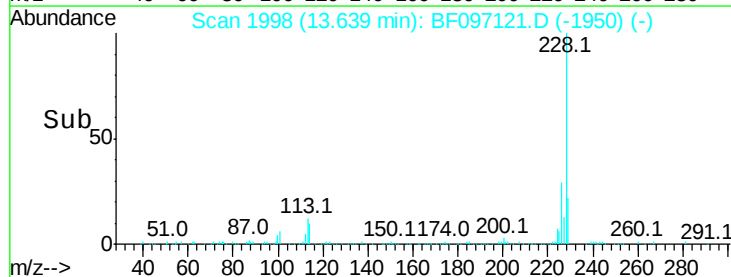
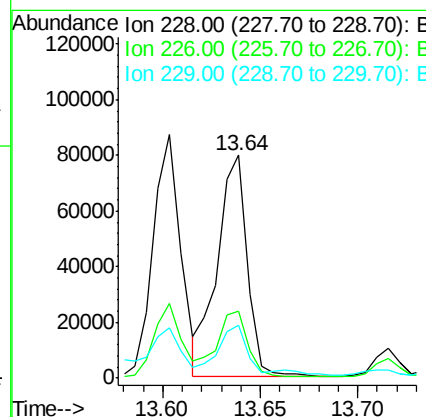
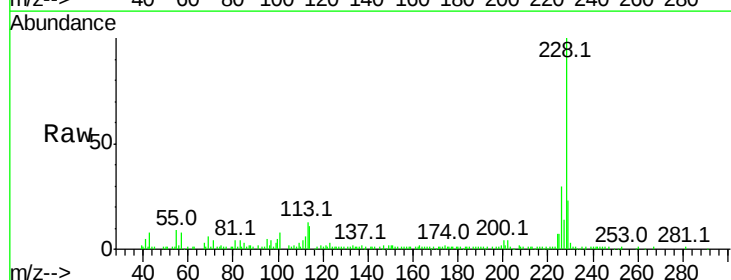
Instrument :
BNA_F
ClientSampleId :
E2-M6-WSW

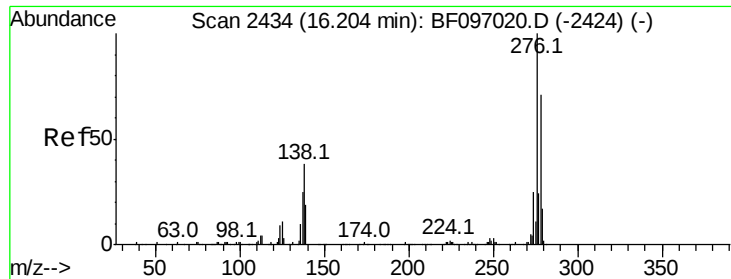
Tot Ion:228 Resp: 86635
Ion Ratio Lower Upper
228 100
226 30.5 22.6 33.8
229 20.8 16.3 24.5



#82
Chrysene
Concen: 6.765 ng
RT: 13.64 min Scan# 1998
Delta R.T. -0.02 min
Lab File: BF097121.D
Acq: 27 Jul 2017 14:38

Tgt Ion:228 Resp: 85853
Ion Ratio Lower Upper
228 100
226 30.1 24.9 37.3
229 23.5 15.8 23.6

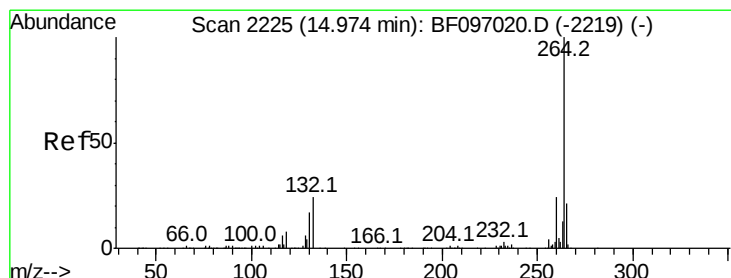
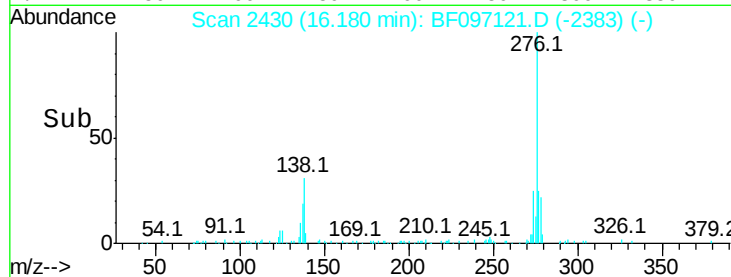
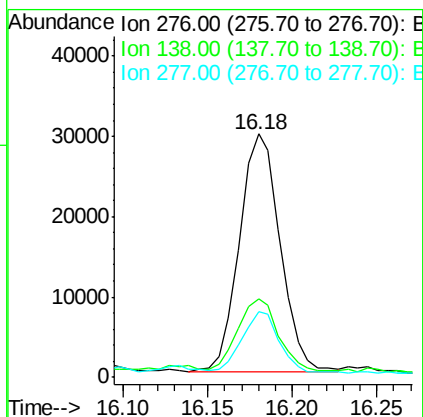
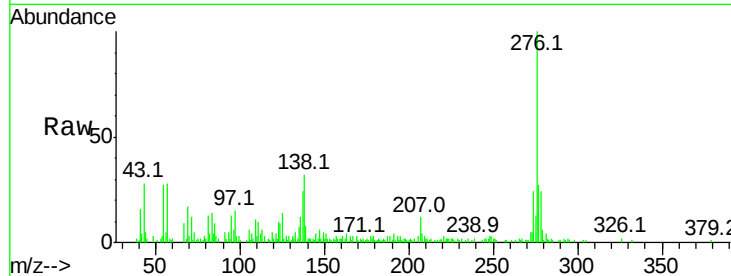




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 4.567 ng
 RT: 16.18 min Scan# 2430
 Delta R.T. -0.02 min
 Lab File: BF097121.D
 Acq: 27 Jul 2017 14:38

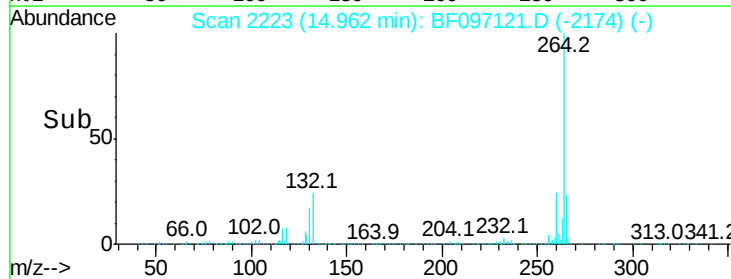
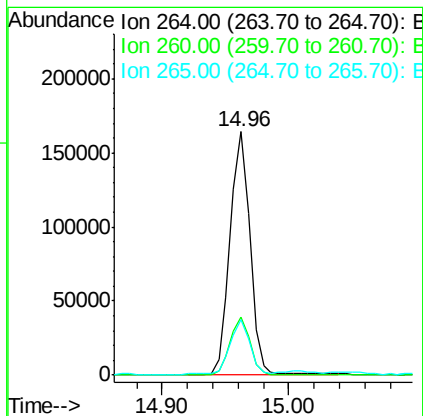
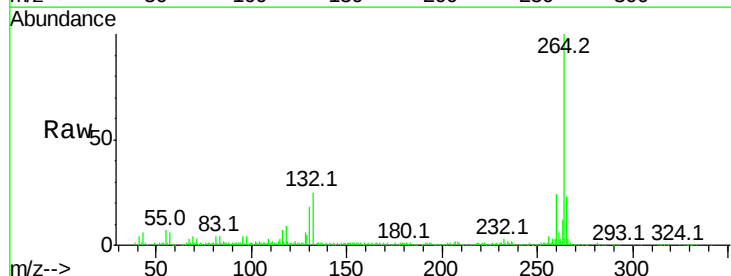
Instrument :
 BNA_F
 ClientSampleId :
 E2-M6-WSW

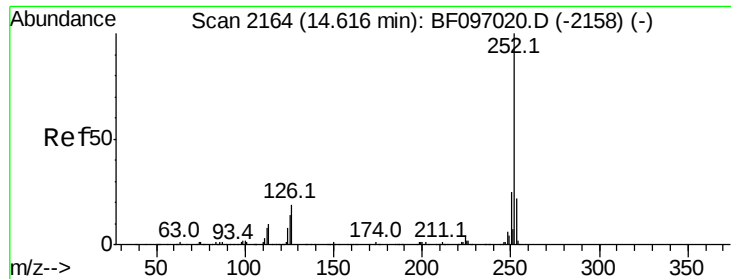
Tot Ion:276 Resp: 49694
 Ion Ratio Lower Upper
 276 100
 138 30.1 27.8 41.6
 277 24.0 20.2 30.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.96 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF097121.D
 Acq: 27 Jul 2017 14:38

Tgt Ion:264 Resp: 181012
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 22.8 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 14.428 ng

RT: 14.60 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BF097121.D

Acq: 27 Jul 2017 14:38

Instrument :

BNA_F

ClientSampleId :

E2-M6-WSW

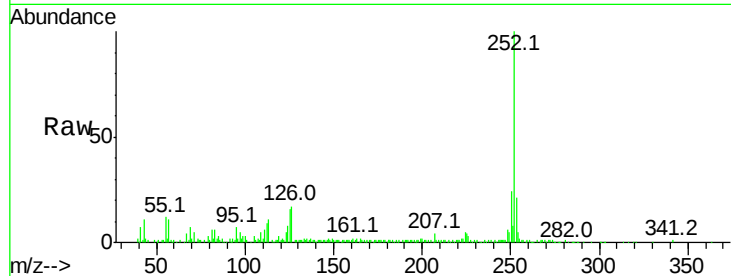
Tot Ion:252 Resp: 156993

Ion Ratio Lower Upper

252 100

253 21.2 18.1 27.1

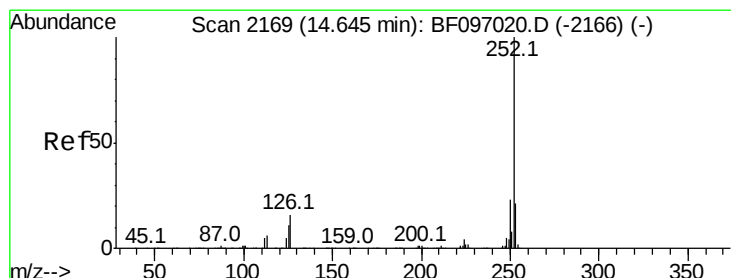
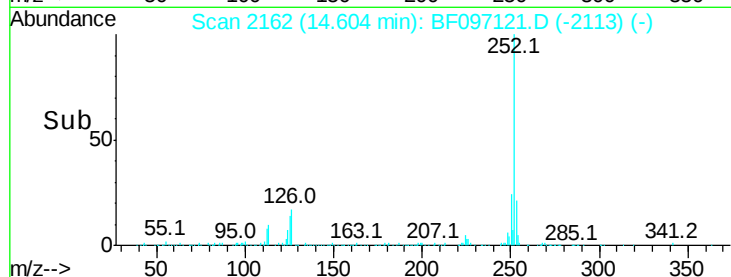
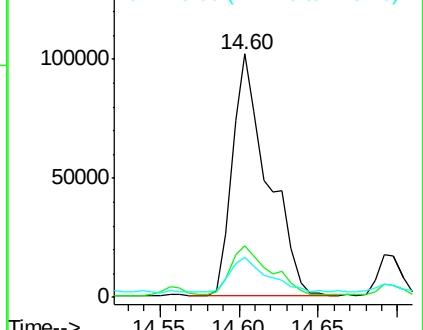
125 16.2 9.8 14.8#



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: 15.141 ng

RT: 14.60 min Scan# 2162

Delta R.T. -0.04 min

Lab File: BF097121.D

Acq: 27 Jul 2017 14:38

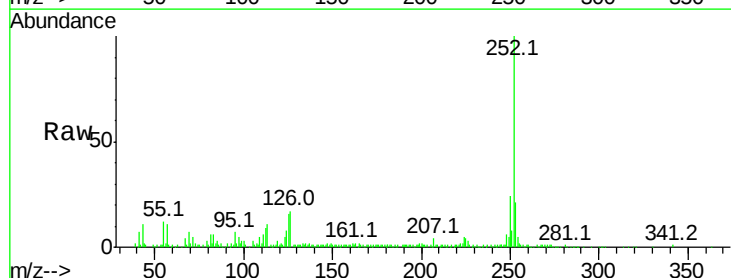
Tgt Ion:252 Resp: 156993

Ion Ratio Lower Upper

252 100

253 21.2 18.4 27.6

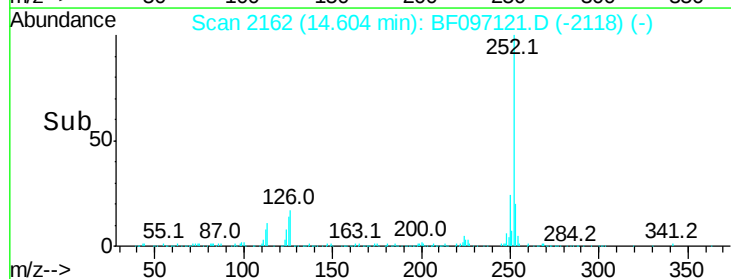
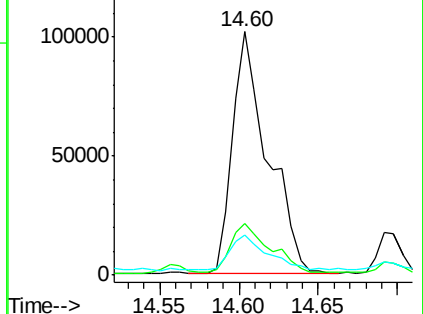
125 16.2 13.1 19.7

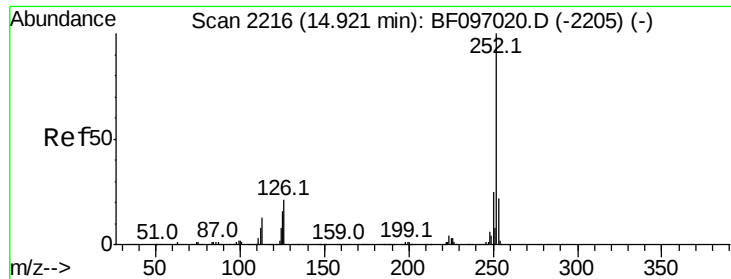


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

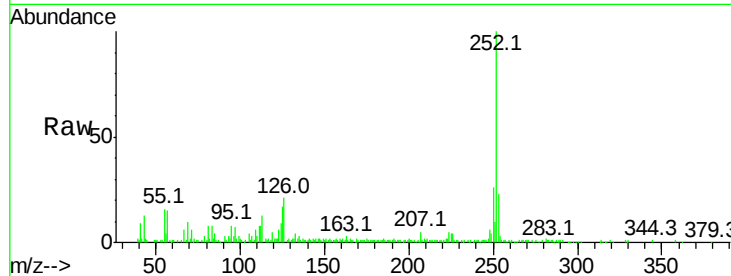




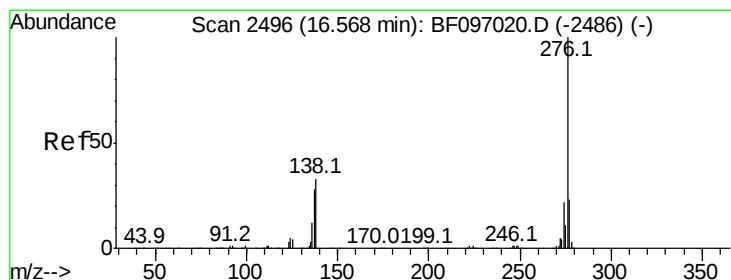
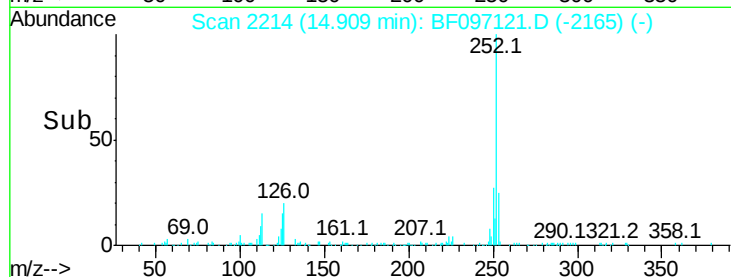
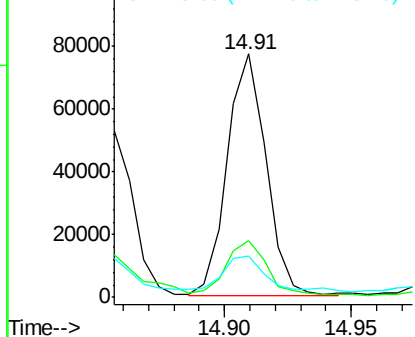
#89
Benzo(a)pyrene
Concen: 8.294 ng
RT: 14.91 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF097121.D
Acq: 27 Jul 2017 14:38

Instrument :
BNA_F
ClientSampleId :
E2-M6-WSW

Tot Ion:252 Resp: 82598
Ion Ratio Lower Upper
252 100
253 23.4 17.5 26.3
125 17.0 11.0 16.4#

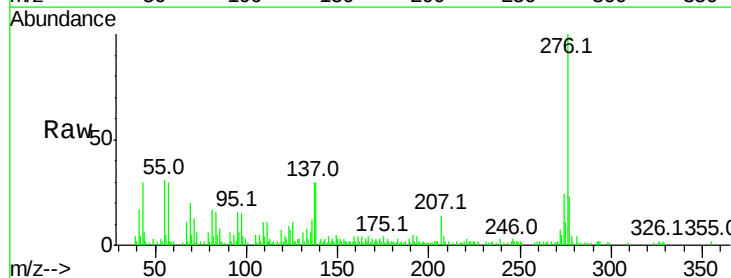


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#91
Benzo(g,h,i)perylene
Concen: 6.112 ng
RT: 16.54 min Scan# 2492
Delta R.T. -0.02 min
Lab File: BF097121.D
Acq: 27 Jul 2017 14:38

Tgt Ion:276 Resp: 52347
Ion Ratio Lower Upper
276 100
277 23.5 18.6 28.0
138 29.6 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

