

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
 Data File : BF097340.D
 Acq On : 4 Aug 2017 2:12
 Operator : SJ/JU
 Sample : I4522-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-SS1

Quant Time: Aug 04 02:49:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 01:17:22 2017
 Response via : Initial Calibration

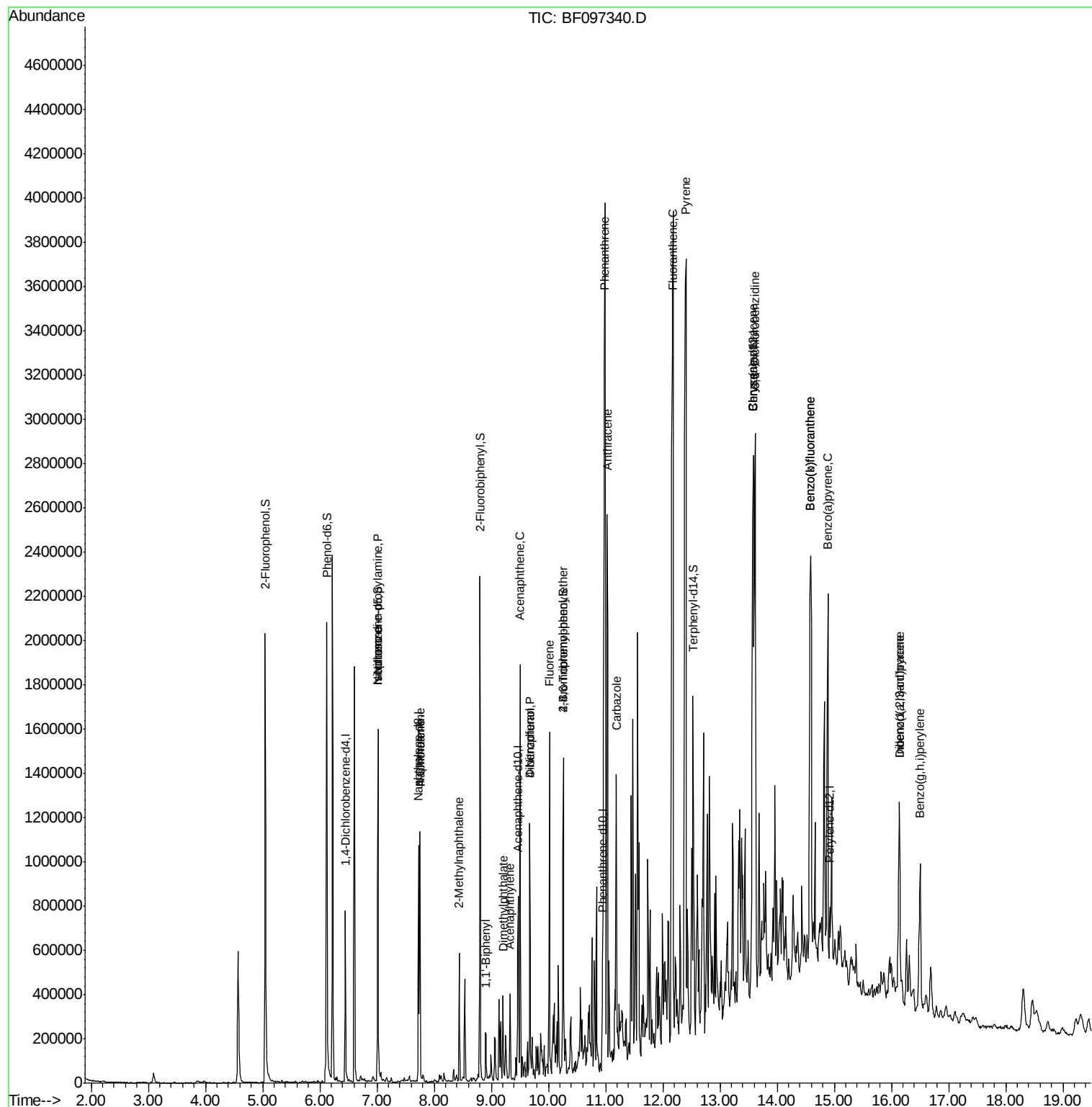
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	112304	20.00	ng	-0.05
21) Naphthalene-d8	7.73	136	412881	20.00	ng	-0.06
38) Acenaphthene-d10	9.47	164	144583	20.00	ng	-0.06
63) Phenanthrene-d10	10.95	188	224088	20.00	ng	-0.06
75) Chrysene-d12	13.59	240	117210	20.00	ng	-0.04
86) Perylene-d12	14.92	264	116418	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	653092	87.67	ng	-0.05
7) Phenol-d6	6.12	99	813824	95.69	ng	-0.05
23) Nitrobenzene-d5	7.02	82	481274	68.38	ng	-0.06
41) 2,4,6-Tribromophenol	10.26	330	104479	91.46	ng	-0.06
44) 2-Fluorobiphenyl	8.80	172	676037	79.35	ng	-0.06
78) Terphenyl-d14	12.53	244	462455	80.44	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.02	70	63134	11.278	ng	Qvalue # 83
25) Isophorone	7.02	82	475399	34.491	ng	# 67
31) Naphthalene	7.75	128	448641	23.051	ng	100
33) 4-Chloroaniline	7.75	127	58041	7.329	ng	# 32
37) 2-Methylnaphthalene	8.44	142	146848	11.917	ng	99
45) 1,1'-Biphenyl	8.90	154	47965	3.884	ng	98
48) Acenaphthylene	9.33	152	135762	9.733	ng	98
49) Dimethylphthalate	9.20	163	127387	11.602	ng	98
51) Acenaphthene	9.50	154	365287	44.458	ng	100
54) Dibenzofuran	9.67	168	367694	33.597	ng	99
55) 4-Nitrophenol	9.67	139	143766	83.639	ng	# 27
57) Fluorene	10.02	166	409937	49.837	ng	98
66) 4-Bromophenyl-phenylether	10.26	248	6635	2.967	ng	# 1
70) Phenanthrene	10.99	178	2657500	221.334	ng	99
71) Anthracene	11.03	178	974715	79.261	ng	99
72) Carbazole	11.19	167	509121	42.096	ng	98
74) Fluoranthene	12.18	202	2989368	254.145	ng	99
77) Pyrene	12.40	202	2499482	260.482	ng	98
80) Benzo(a)anthracene	13.57	228	1532108	202.019	ng	97
81) 3,3'-Dichlorobenzidine	13.62	252	11143	3.896	ng	# 1
82) Chrysene	13.57	228	1532108	206.888	ng	96
85) Indeno(1,2,3-cd)pyrene	16.14	276	592388	93.289	ng	92
87) Benzo(b)fluoranthene	14.58	252	1744411	249.268	ng	# 97
88) Benzo(k)fluoranthene	14.58	252	1744411	261.585	ng	98
89) Benzo(a)pyrene	14.89	252	930899	145.343	ng	96
90) Dibenzo(a,h)anthracene	16.14	278	176452	33.595	ng	# 89
91) Benzo(g,h,i)perylene	16.50	276	497655	90.352	ng	98

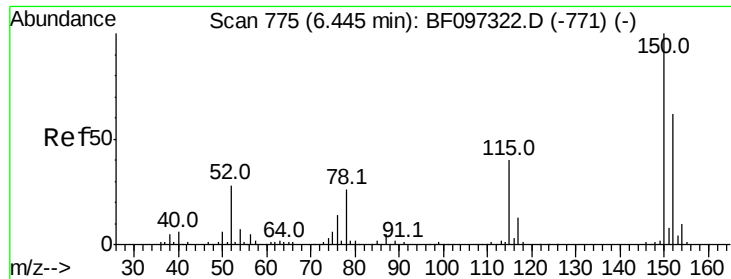
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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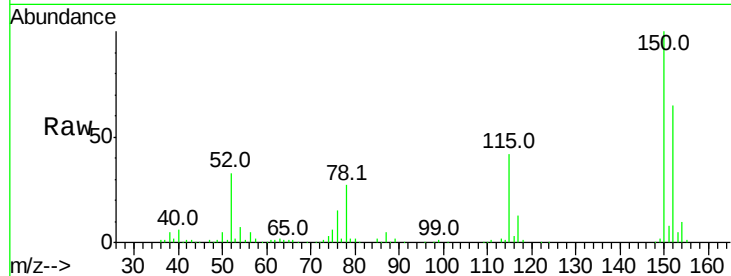


#1

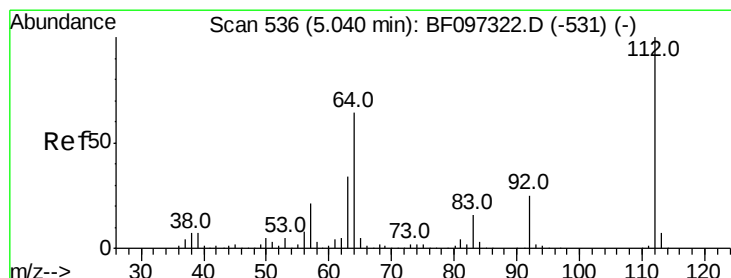
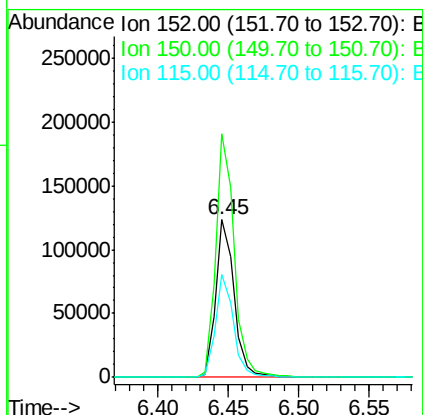
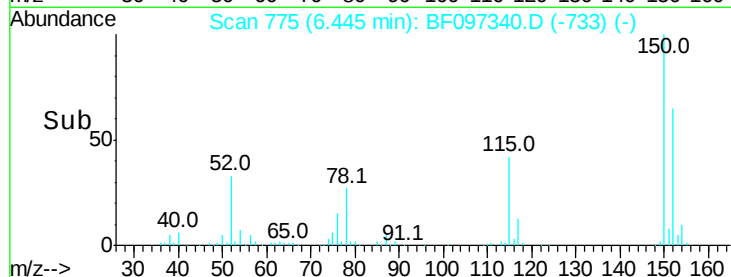
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.45 min Scan# 775
Delta R.T. -0.05 min
Lab File: BF097340.D
Acq: 4 Aug 2017 2:12

Instrument :
BNA_F
ClientSampleId :
TP-2-SS1

Tot Ion:152 Resp: 112304
Ion Ratio Lower Upper
152 100
150 154.6 126.2 189.2
115 65.6 52.2 78.2



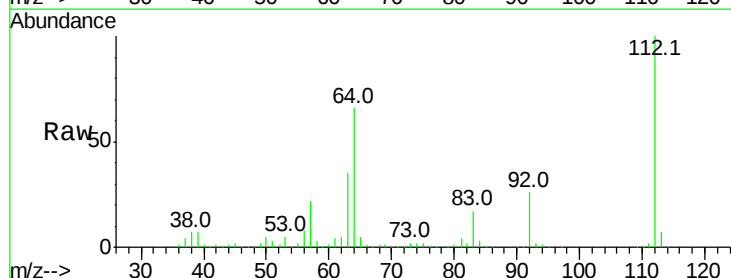
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



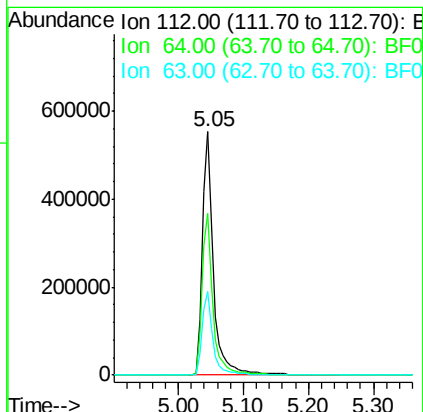
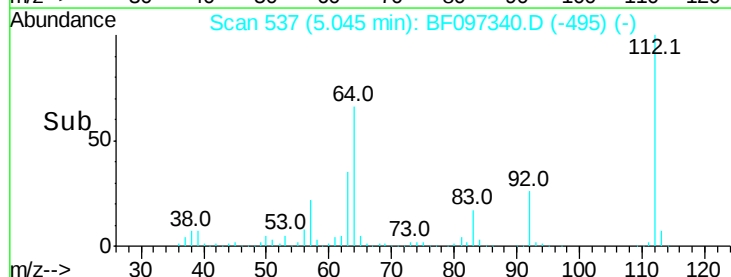
#5

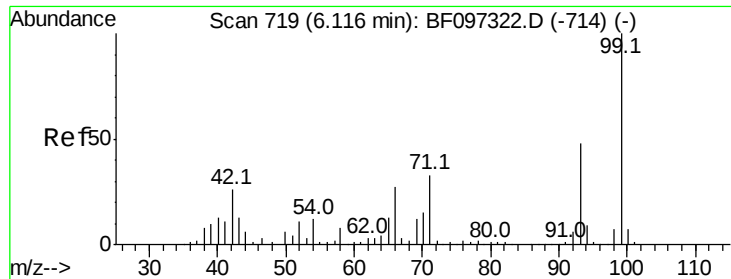
2-Fluorophenol
Concen: 87.666 ng
RT: 5.05 min Scan# 537
Delta R.T. -0.05 min
Lab File: BF097340.D
Acq: 4 Aug 2017 2:12

Tgt Ion:112 Resp: 653092
Ion Ratio Lower Upper
112 100
64 66.5 46.0 69.0
63 34.5 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: 95.690 ng

RT: 6.12 min Scan# 720

Delta R.T. -0.05 min

Lab File: BF097340.D

Acq: 4 Aug 2017 2:12

Instrument :

BNA_F

ClientSampleId :

TP-2-SS1

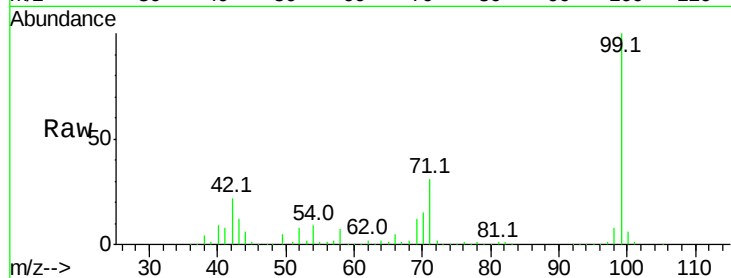
Tot Ion: 99 Resp: 813824

Ion Ratio Lower Upper

99 100

42 22.5 13.5 20.3#

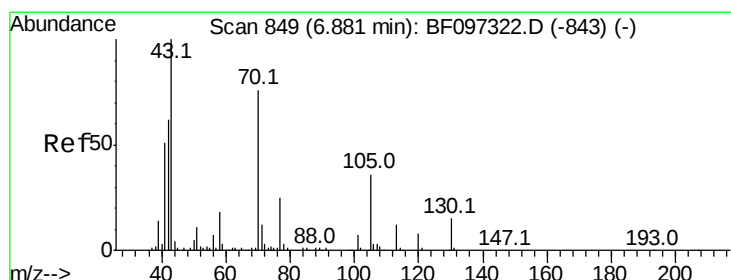
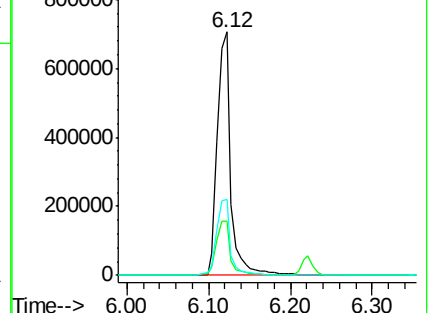
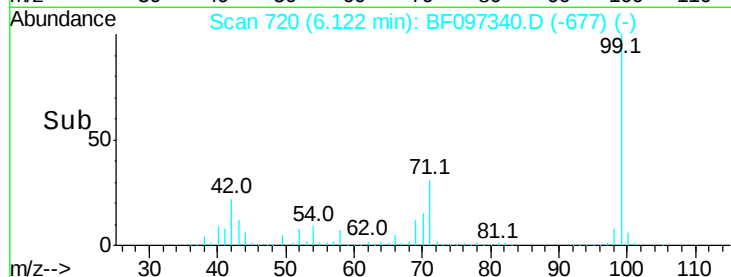
71 31.4 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.278 ng

RT: 7.02 min Scan# 872

Delta R.T. 0.08 min

Lab File: BF097340.D

Acq: 4 Aug 2017 2:12

Tgt Ion: 70 Resp: 63134

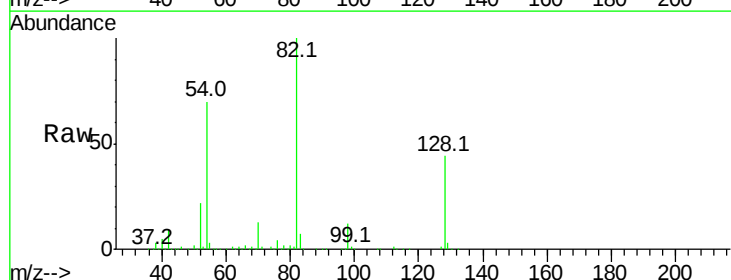
Ion Ratio Lower Upper

70 100

42 65.0 47.2 70.8

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#

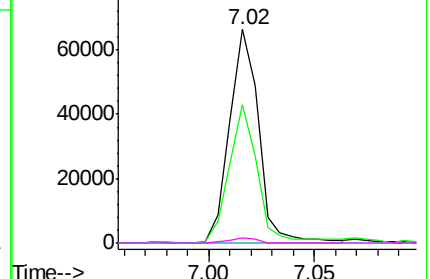
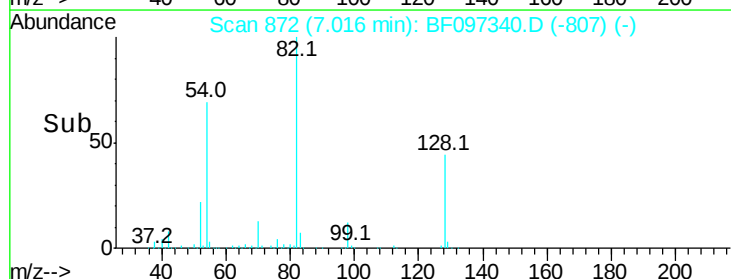


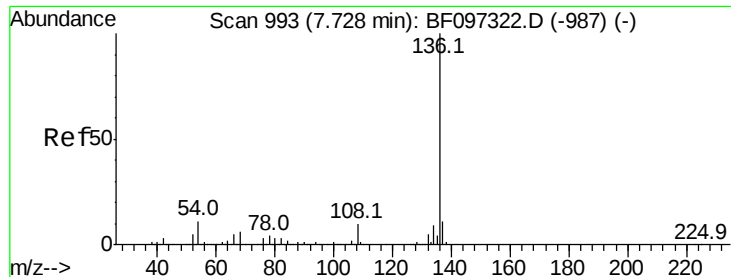
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

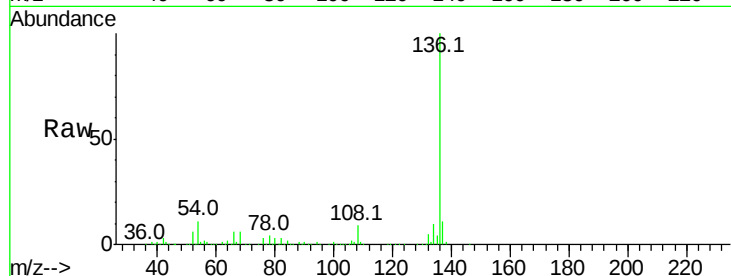




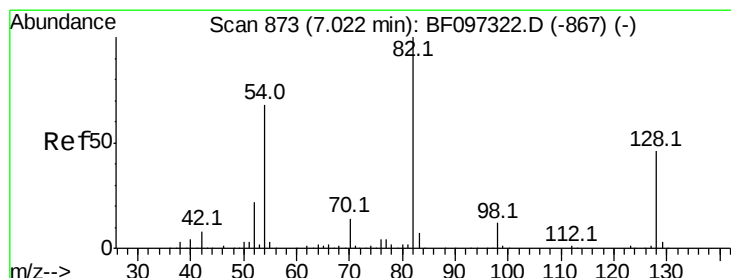
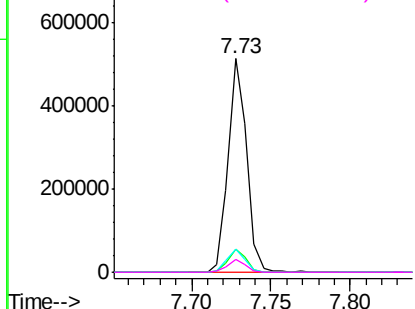
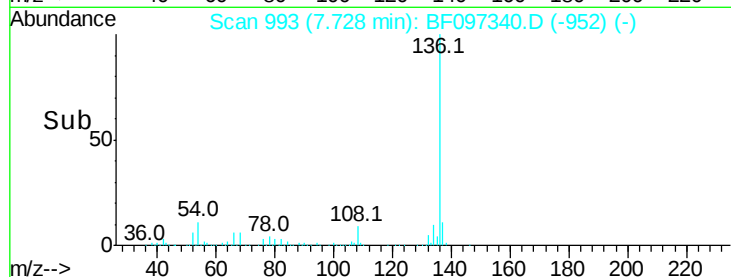
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.73 min Scan# 993
Delta R.T. -0.06 min
Lab File: BF097340.D
Acq: 4 Aug 2017 2:12

Instrument :
BNA_F
ClientSampleId :
TP-2-SS1

Tot Ion:	136	Resp:	412881
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	10.9	4.9	7.3#
68	5.9	4.1	6.1

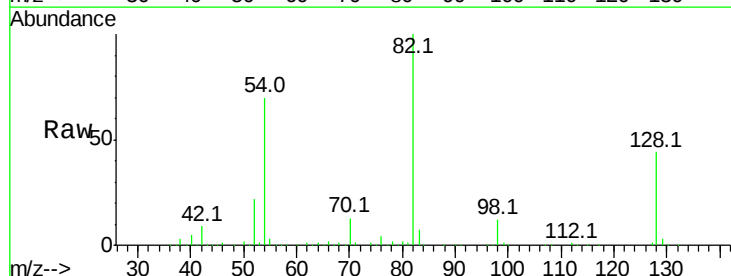


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

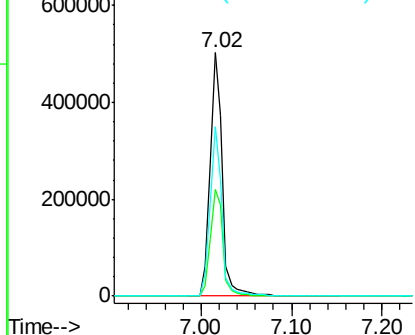
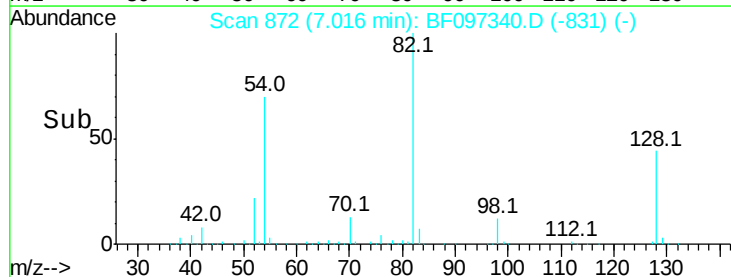


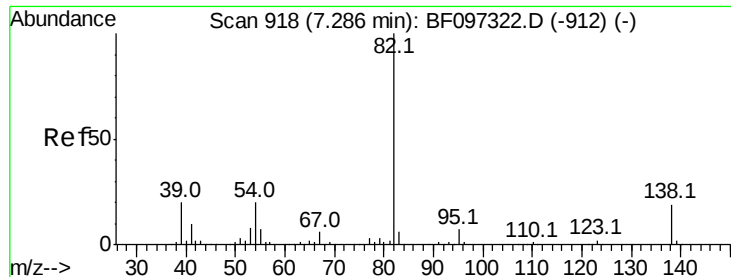
#23
Nitrobenzene-d5
Concen: 68.382 ng
RT: 7.02 min Scan# 872
Delta R.T. -0.06 min
Lab File: BF097340.D
Acq: 4 Aug 2017 2:12

Tgt Ion:	82	Resp:	481274
Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.0	51.0
54	69.5	42.2	63.2#



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





#25

Isophorone

Concen: 34.491 ng

RT: 7.02 min Scan# 872

Delta R.T. -0.32 min

Lab File: BF097340.D

Acq: 4 Aug 2017 2:12

Instrument :

BNA_F

ClientSampleId :

TP-2-SS1

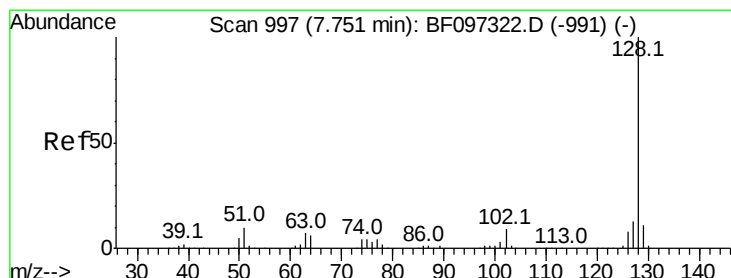
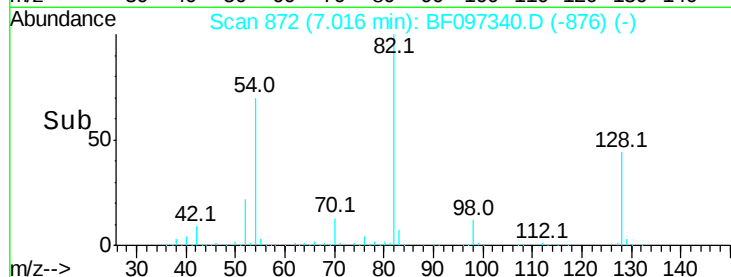
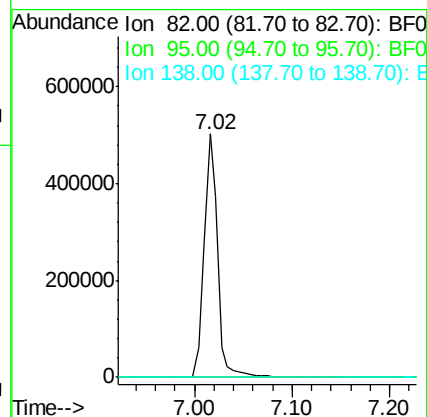
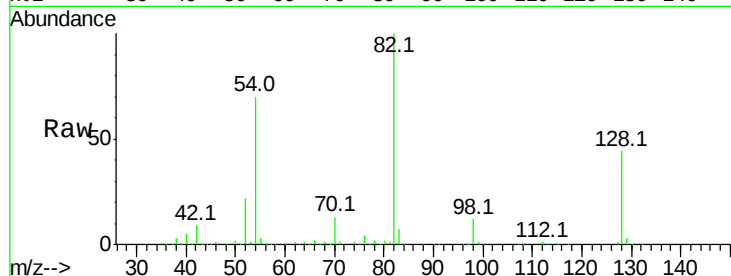
Tot Ion: 82 Resp: 475399

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



#31

Naphthalene

Concen: 23.051 ng

RT: 7.75 min Scan# 997

Delta R.T. -0.06 min

Lab File: BF097340.D

Acq: 4 Aug 2017 2:12

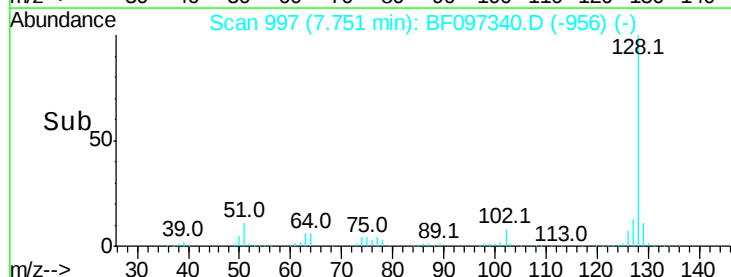
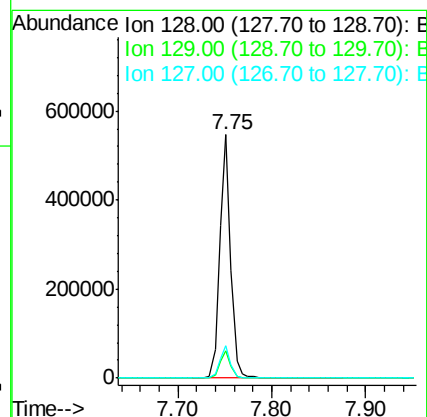
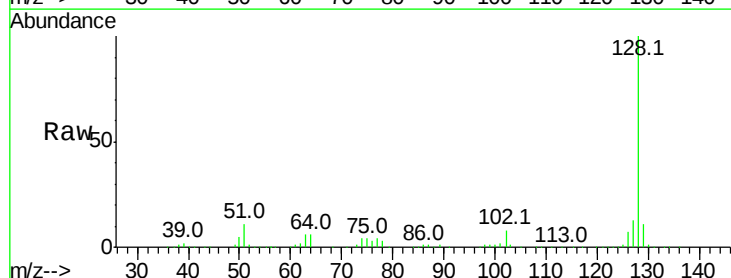
Tgt Ion:128 Resp: 448641

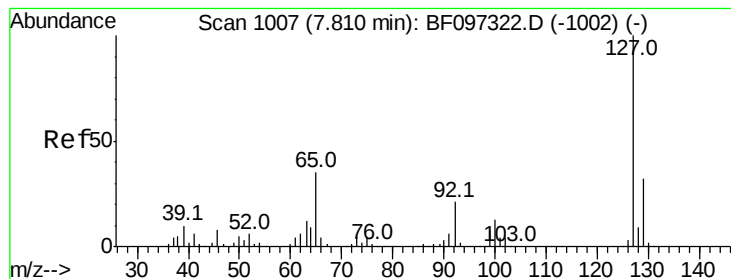
Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

127 13.2 10.8 16.2





#33

4-Chloroaniline

Concen: 7.329 ng

RT: 7.75 min Scan# 997

Delta R.T. -0.11 min

Lab File: BF097340.D

Acq: 4 Aug 2017 2:12

Instrument :

BNA_F

ClientSampled :

TP-2-SS1

Tot Ion:127 Resp: 58041

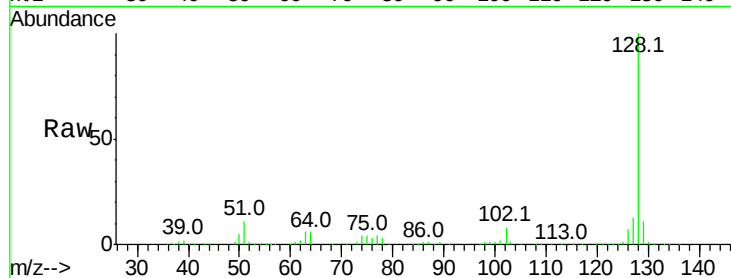
Ion Ratio Lower Upper

127 100

129 84.7 26.2 39.2#

65 0.0 27.8 41.8#

92 0.0 16.8 25.2#

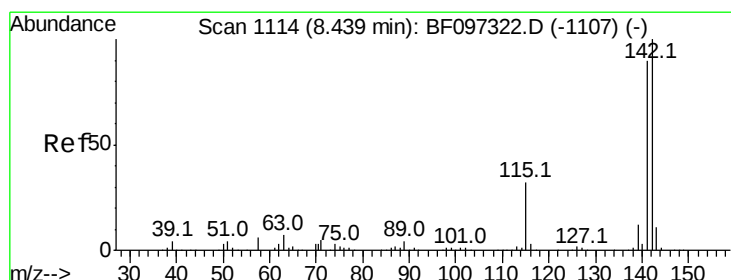
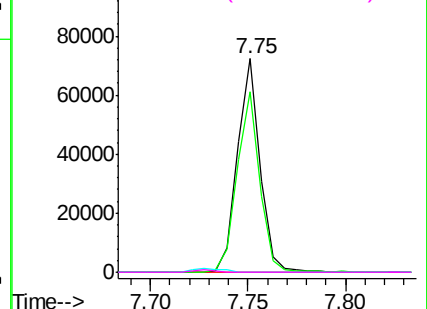
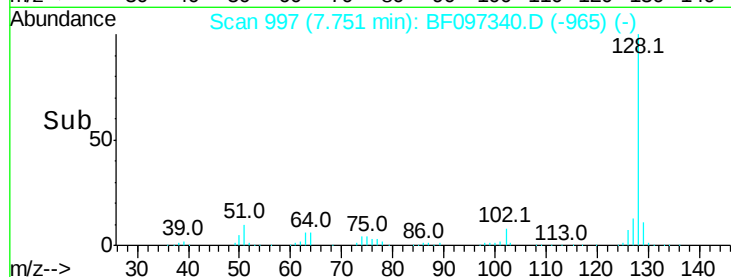


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#37

2-Methylnaphthalene

Concen: 11.917 ng

RT: 8.44 min Scan# 1114

Delta R.T. -0.06 min

Lab File: BF097340.D

Acq: 4 Aug 2017 2:12

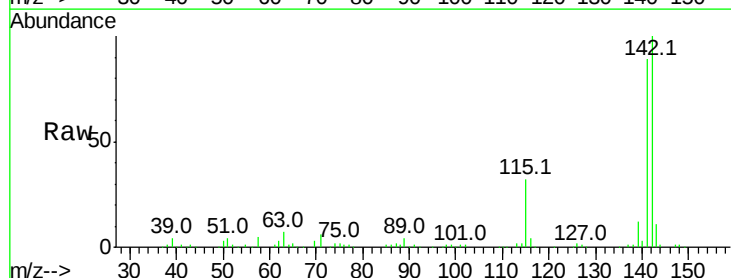
Tgt Ion:142 Resp: 146848

Ion Ratio Lower Upper

142 100

141 88.9 71.3 106.9

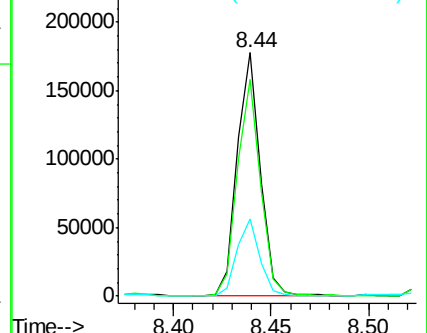
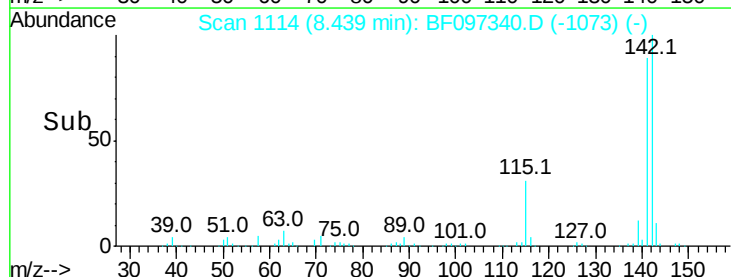
115 31.6 27.1 40.7

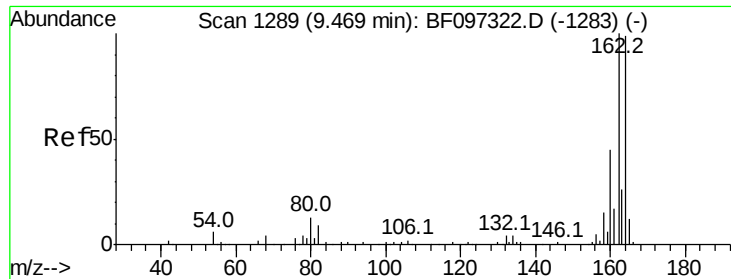


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

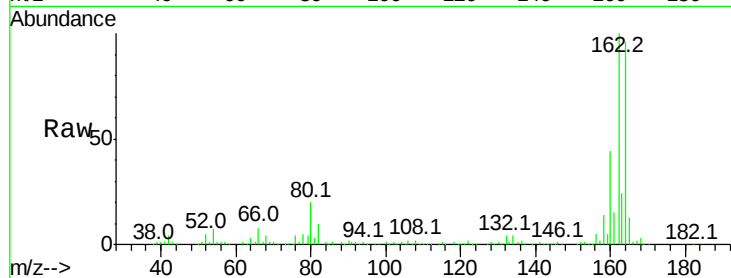




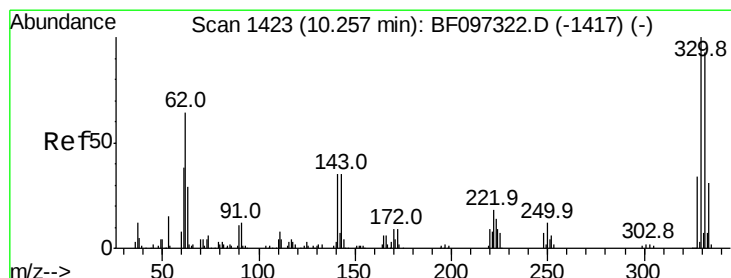
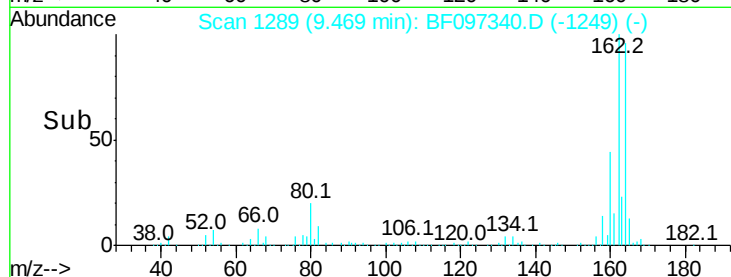
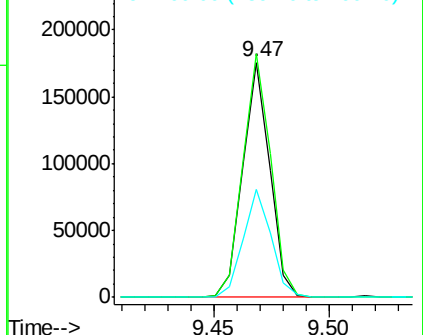
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.47 min Scan# 1289
Delta R.T. -0.06 min
Lab File: BF097340.D
Acq: 4 Aug 2017 2:12

Instrument :
BNA_F
ClientSampleId :
TP-2-SS1

Tot Ion:164 Resp: 144583
Ion Ratio Lower Upper
164 100
162 103.6 82.6 123.8
160 46.0 36.2 54.2

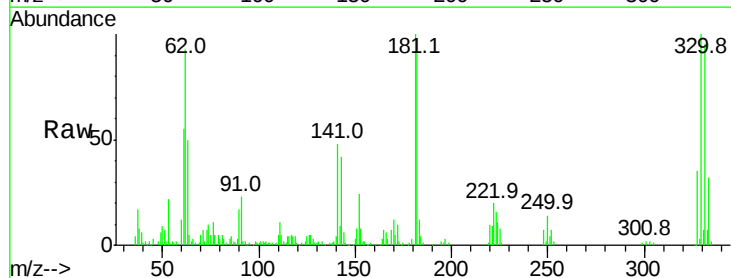


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

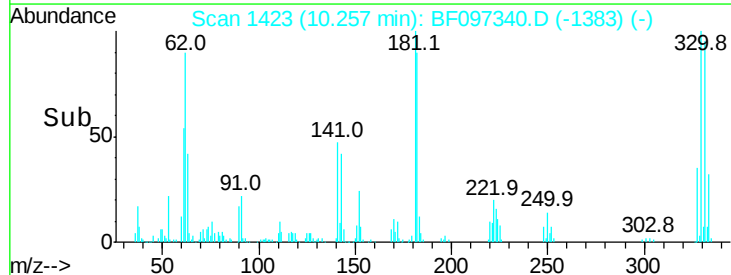
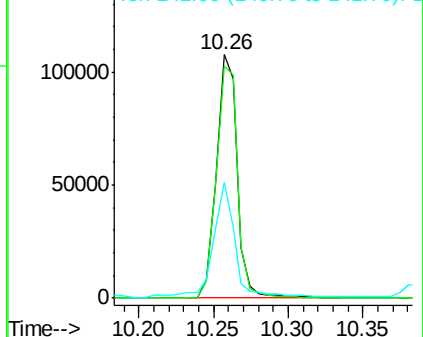


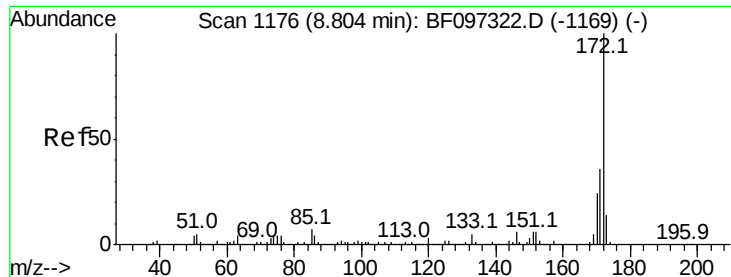
#41
2,4,6-Tribromophenol
Concen: 91.460 ng
RT: 10.26 min Scan# 1423
Delta R.T. -0.06 min
Lab File: BF097340.D
Acq: 4 Aug 2017 2:12

Tgt Ion:330 Resp: 104479
Ion Ratio Lower Upper
330 100
332 98.7 76.6 115.0
141 48.9 31.4 47.2#



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

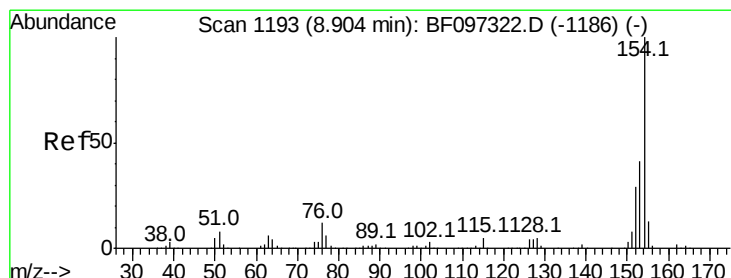
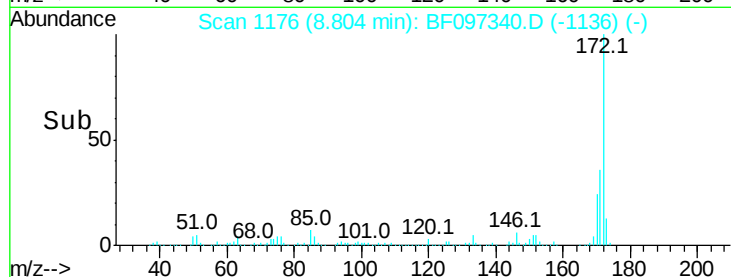
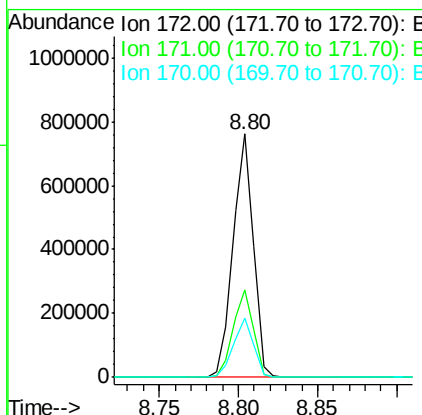
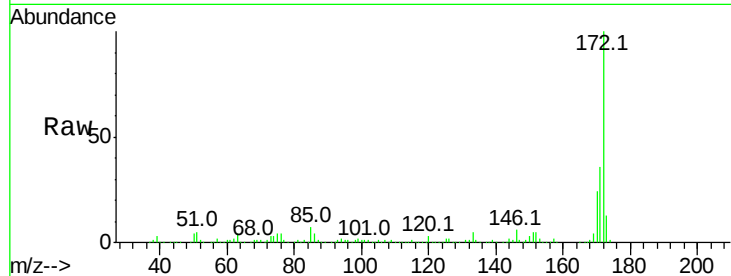




#44
2-Fluorobiphenyl
Concen: 79.352 ng
RT: 8.80 min Scan# 1176
Delta R.T. -0.06 min
Lab File: BF097340.D
Acq: 4 Aug 2017 2:12

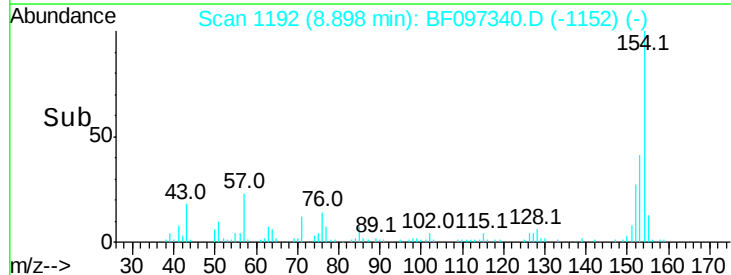
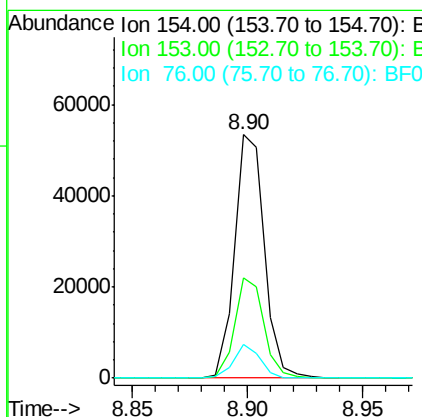
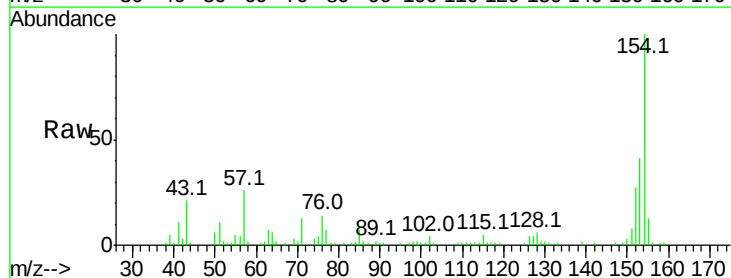
Instrument :
BNA_F
ClientSampleId :
TP-2-SS1

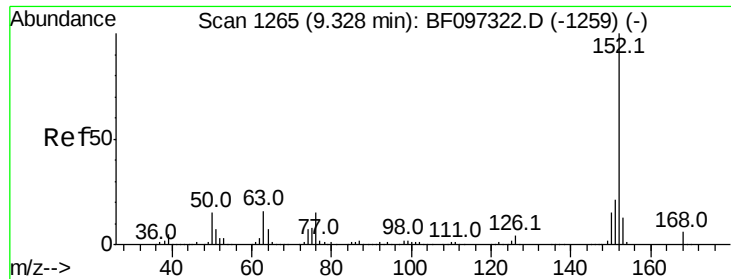
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	24.2	19.8	29.8



#45
1,1'-Biphenyl
Concen: 3.884 ng
RT: 8.90 min Scan# 1192
Delta R.T. -0.06 min
Lab File: BF097340.D
Acq: 4 Aug 2017 2:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.2	61.2
76	14.1	0.0	29.9





#48

Acenaphthylene

Concen: 9.733 ng

RT: 9.33 min Scan# 1265

Delta R.T. -0.06 min

Lab File: BF097340.D

Acq: 4 Aug 2017 2:12

Instrument :

BNA_F

ClientSampleId :

TP-2-SS1

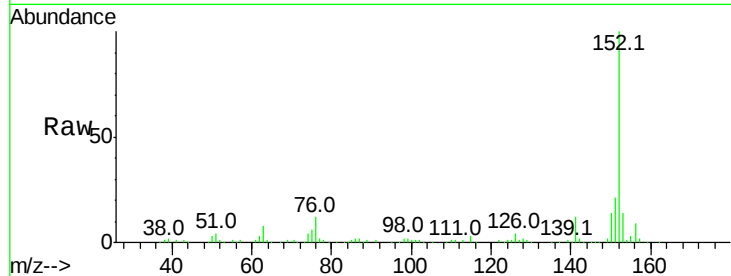
Tot Ion:152 Resp: 135762

Ion Ratio Lower Upper

152 100

151 20.6 16.8 25.2

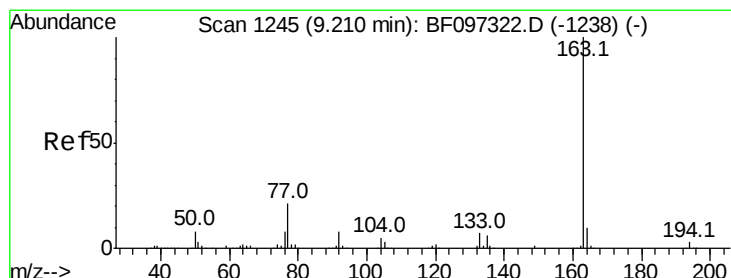
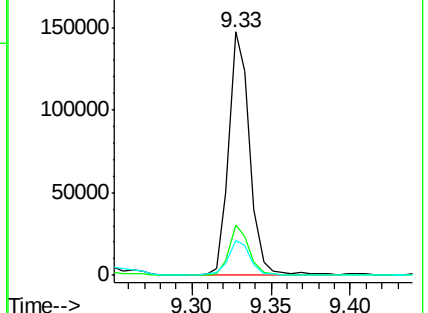
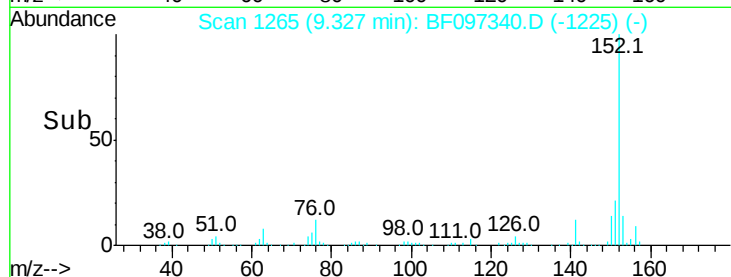
153 14.5 10.8 16.2



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: 11.602 ng

RT: 9.20 min Scan# 1244

Delta R.T. -0.07 min

Lab File: BF097340.D

Acq: 4 Aug 2017 2:12

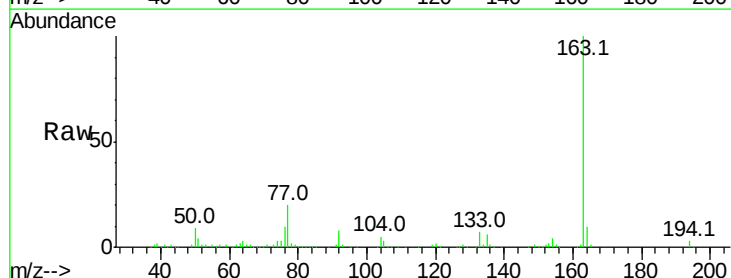
Tgt Ion:163 Resp: 127387

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

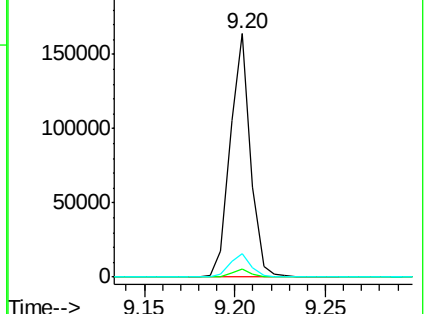
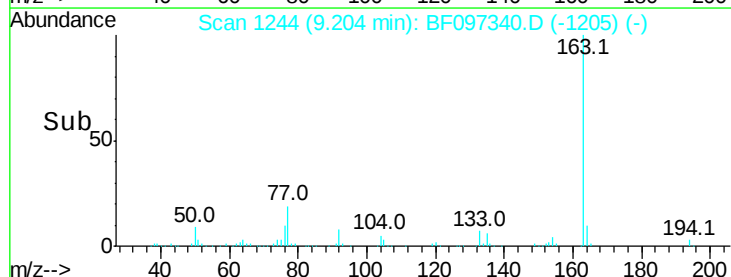
164 9.7 8.4 12.6

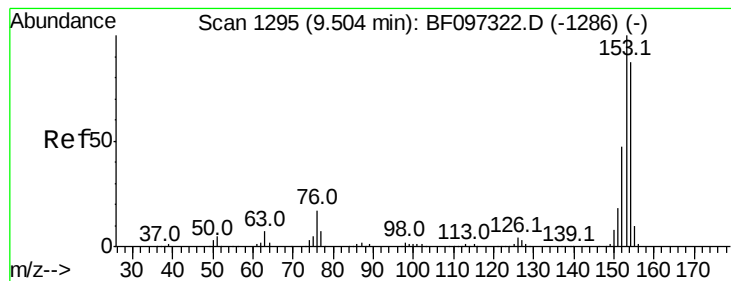


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 44.458 ng

RT: 9.50 min Scan# 1295

Delta R.T. -0.06 min

Lab File: BF097340.D

Acq: 4 Aug 2017 2:12

Instrument :

BNA_F

ClientSampleId :

TP-2-SS1

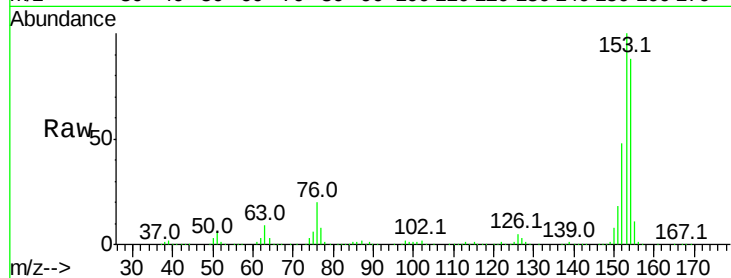
Tot Ion:154 Resp: 365287

Ion Ratio Lower Upper

154 100

153 113.2 90.5 135.7

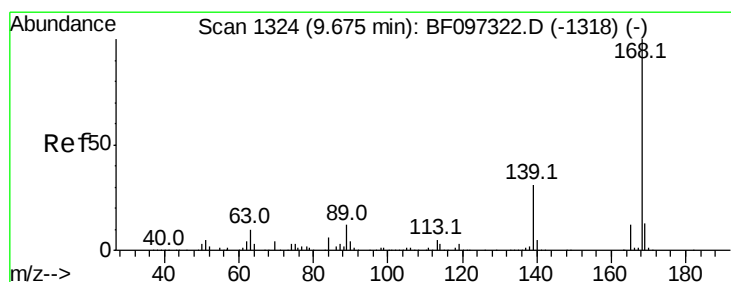
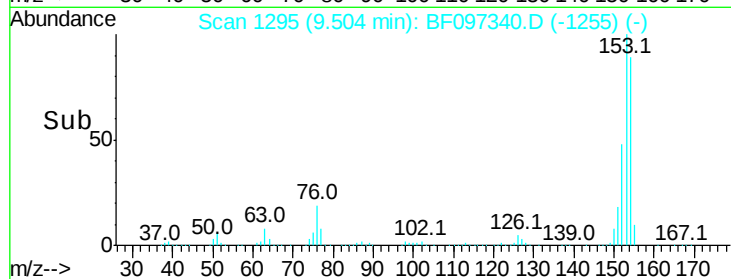
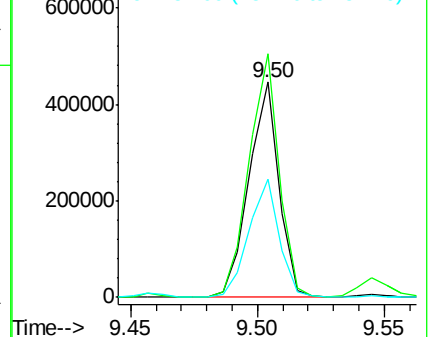
152 54.7 43.6 65.4



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: 33.597 ng

RT: 9.67 min Scan# 1324

Delta R.T. -0.06 min

Lab File: BF097340.D

Acq: 4 Aug 2017 2:12

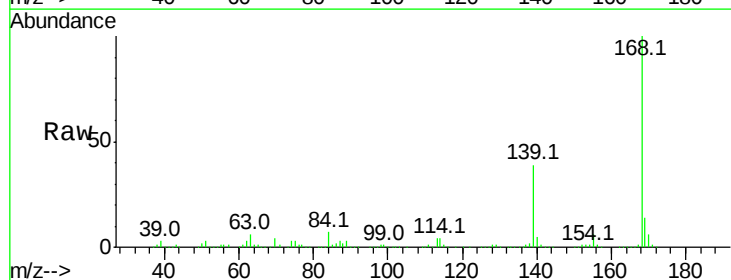
Tgt Ion:168 Resp: 367694

Ion Ratio Lower Upper

168 100

139 39.0 30.6 45.8

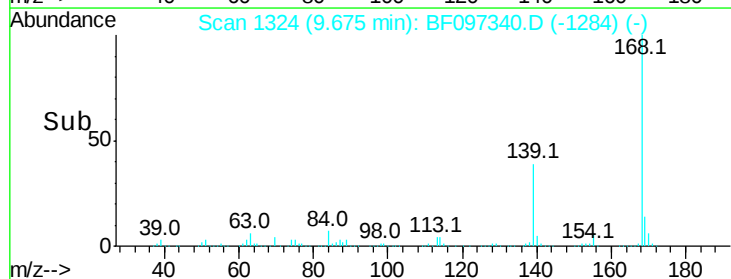
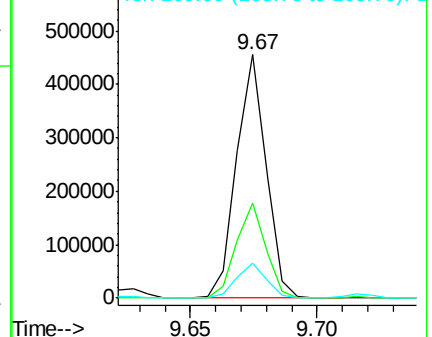
169 14.1 10.8 16.2

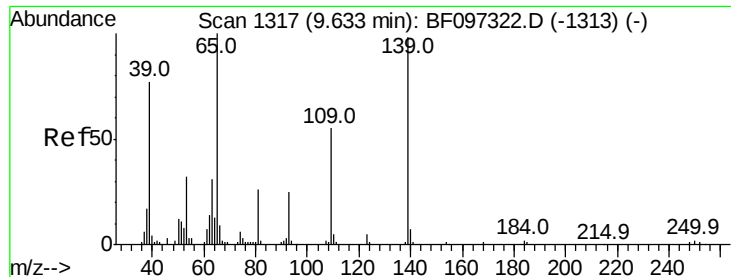


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 83.639 ng

RT: 9.67 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF097340.D

Acq: 4 Aug 2017 2:12

Instrument :

BNA_F

ClientSampleId :

TP-2-SS1

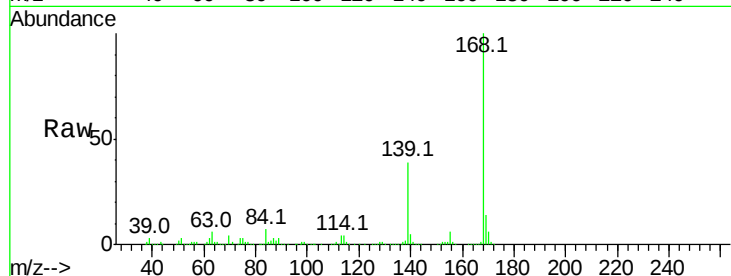
Tot Ion:139 Resp: 143766

Ion Ratio Lower Upper

139 100

109 1.0 34.1 74.1#

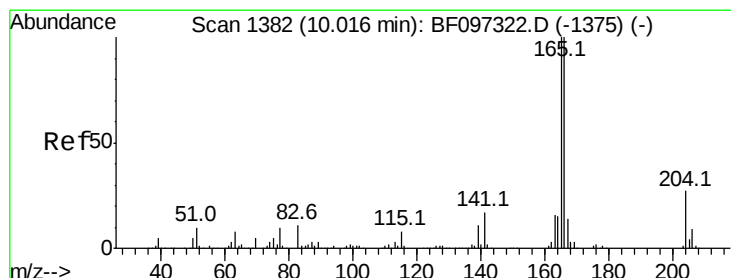
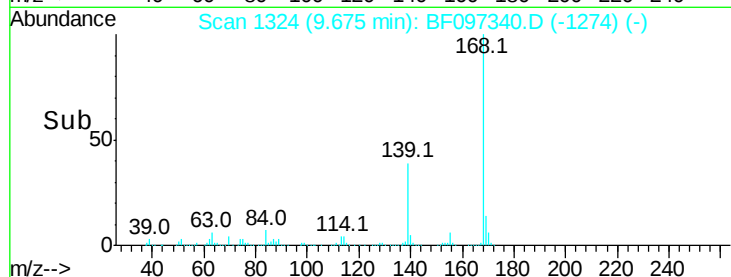
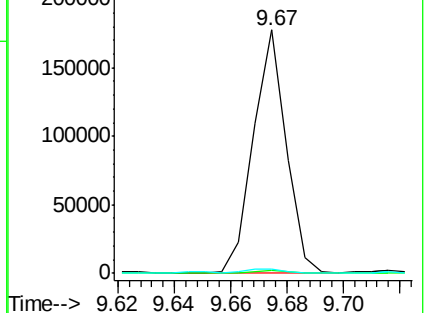
65 1.7 31.4 71.4#



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): E



#57

Fluorene

Concen: 49.837 ng

RT: 10.02 min Scan# 1382

Delta R.T. -0.06 min

Lab File: BF097340.D

Acq: 4 Aug 2017 2:12

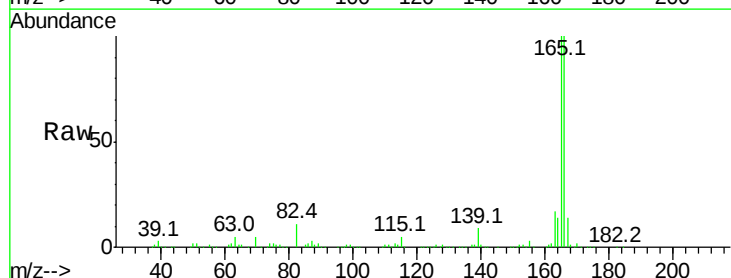
Tgt Ion:166 Resp: 409937

Ion Ratio Lower Upper

166 100

165 100.4 78.8 118.2

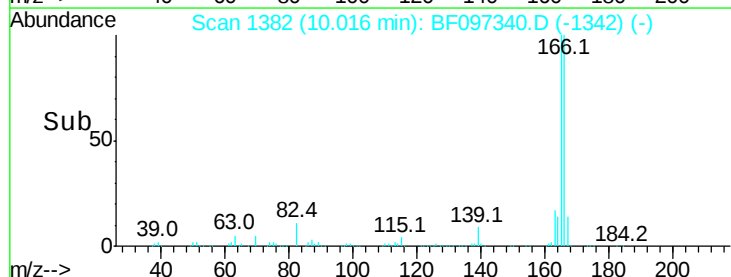
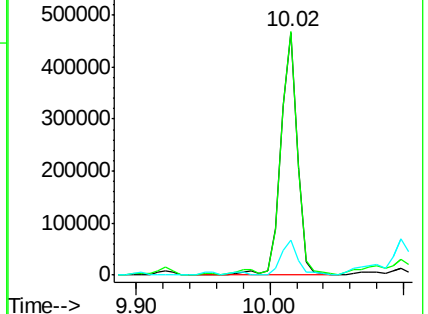
167 14.4 10.6 16.0

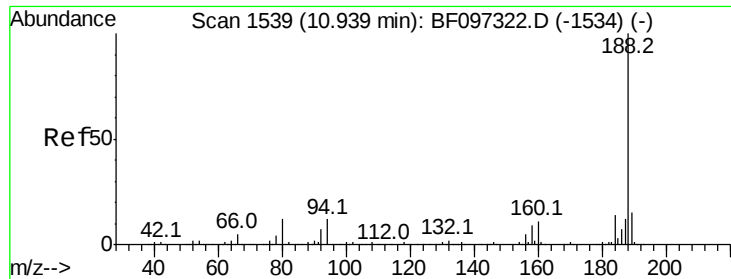


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

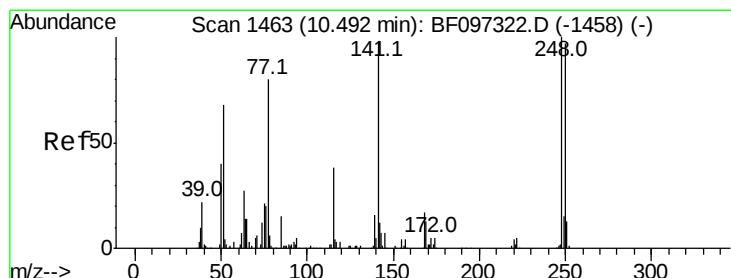
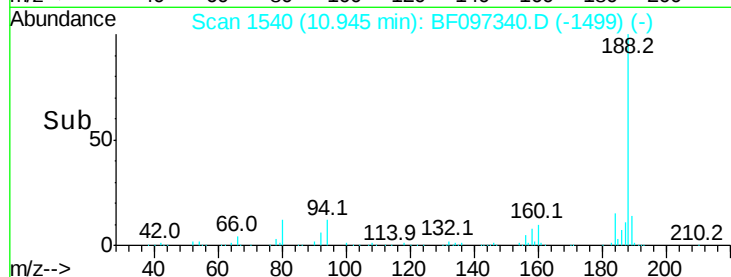
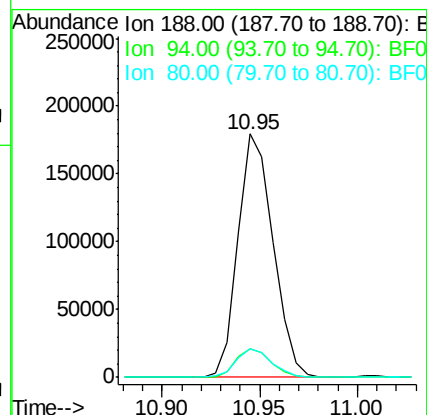
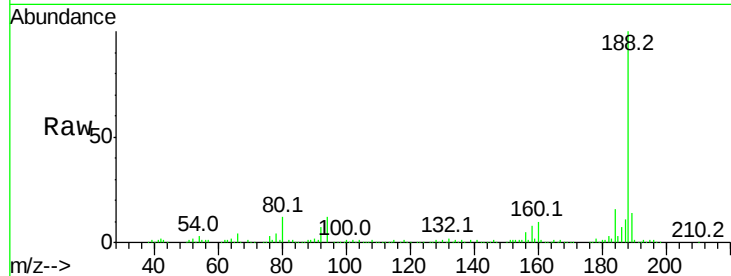




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 10.95 min Scan# 1540
 Delta R.T. -0.06 min
 Lab File: BF097340.D
 Acq: 4 Aug 2017 2:12

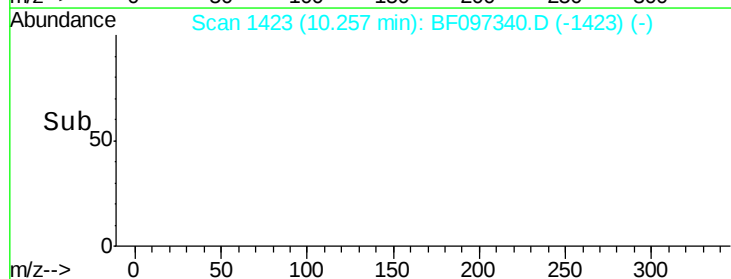
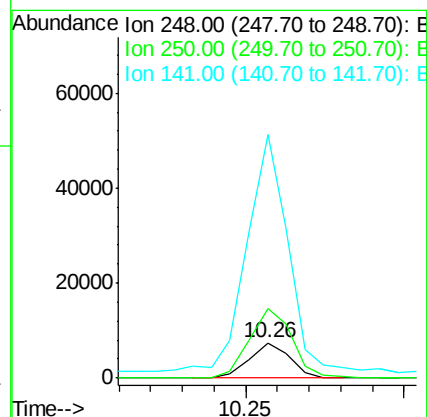
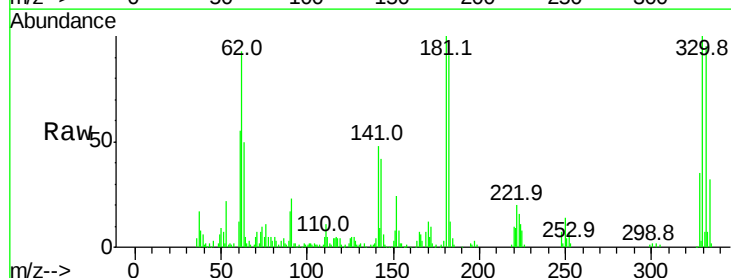
Instrument :
 BNA_F
 ClientSampleId :
 TP-2-SS1

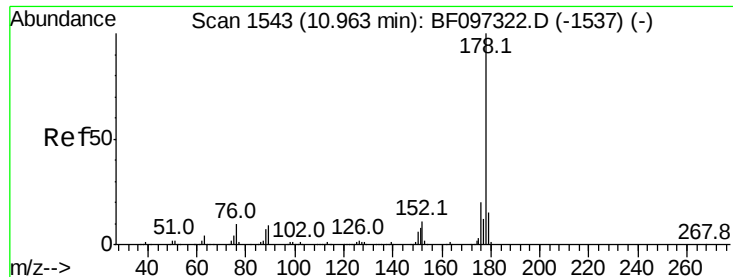
Tot Ion:188 Resp: 224088
 Ion Ratio Lower Upper
 188 100
 94 11.9 9.4 14.2
 80 11.6 10.2 15.2



#66
 4-Bromophenyl-phenylether
 Concen: 2.967 ng
 RT: 10.26 min Scan# 1423
 Delta R.T. -0.30 min
 Lab File: BF097340.D
 Acq: 4 Aug 2017 2:12

Tgt Ion:248 Resp: 6635
 Ion Ratio Lower Upper
 248 100
 250 195.7 76.8 115.2#
 141 688.9 68.6 103.0#

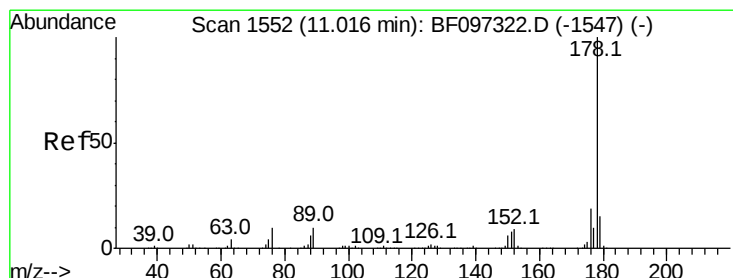
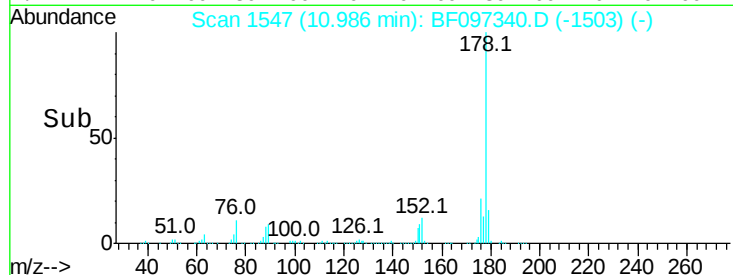
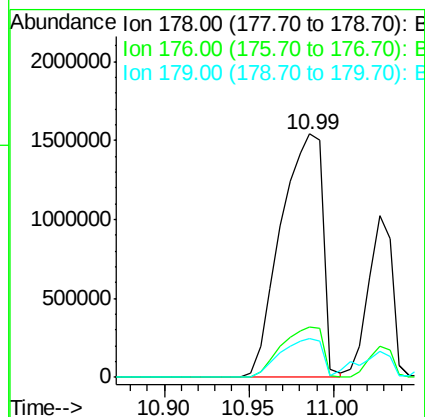
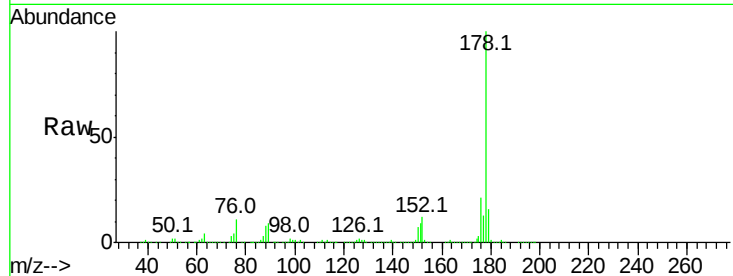




#70
Phenanthrene
Concen: 221.334 ng
RT: 10.99 min Scan# 1547
Delta R.T. -0.04 min
Lab File: BF097340.D
Acq: 4 Aug 2017 2:12

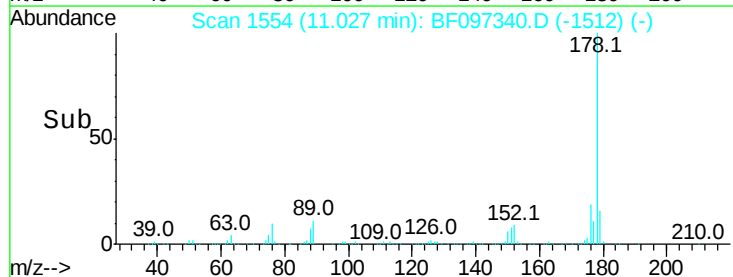
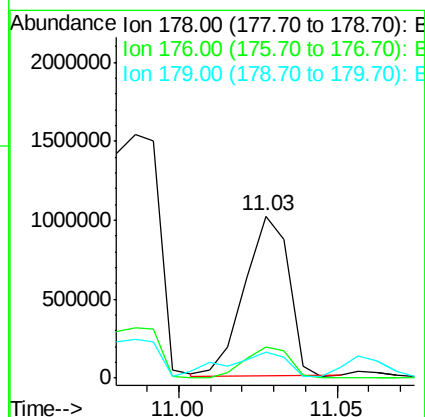
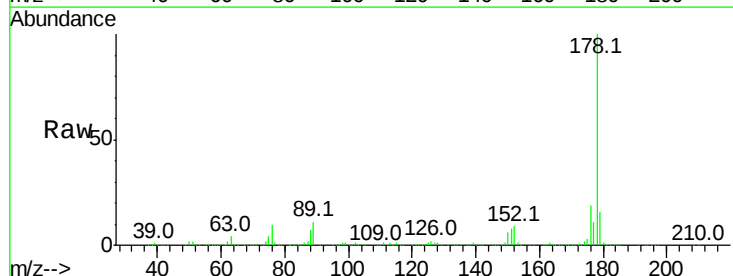
Instrument :
BNA_F
ClientSampleId :
TP-2-SS1

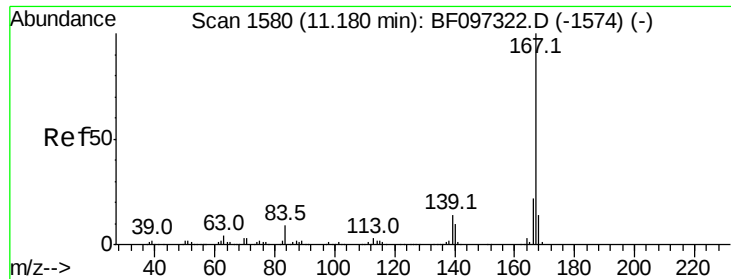
Tot Ion:178 Resp: 2657500
Ion Ratio Lower Upper
178 100
176 20.6 16.2 24.4
179 16.2 12.6 19.0



#71
Anthracene
Concen: 79.261 ng
RT: 11.03 min Scan# 1554
Delta R.T. -0.05 min
Lab File: BF097340.D
Acq: 4 Aug 2017 2:12

Tgt Ion:178 Resp: 974715
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.8
179 15.8 12.7 19.1





#72

Carbazole

Concen: 42.096 ng

RT: 11.19 min Scan# 1581

Delta R.T. -0.05 min

Lab File: BF097340.D

Acq: 4 Aug 2017 2:12

Instrument :

BNA_F

ClientSampleId :

TP-2-SS1

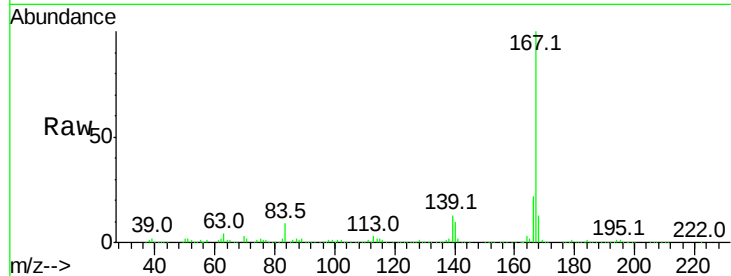
Tot Ion:167 Resp: 509121

Ion Ratio Lower Upper

167 100

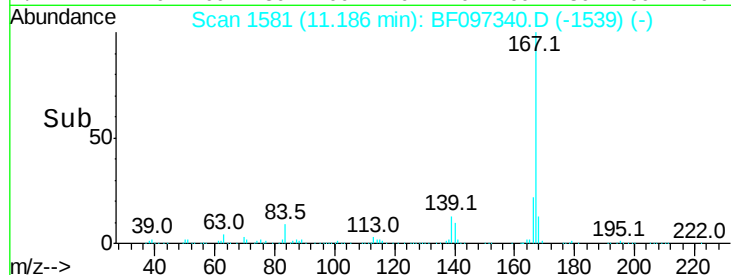
166 22.1 18.1 27.1

139 13.1 11.7 17.5

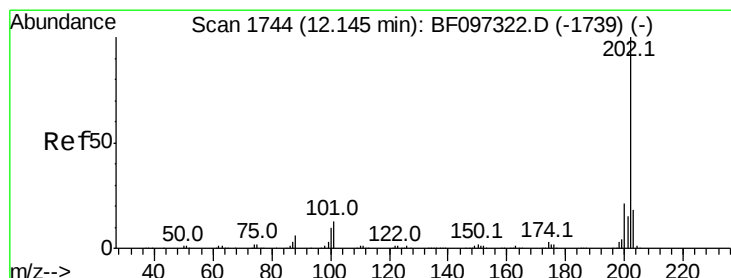


Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E

11.19



Time-->



#74

Fluoranthene

Concen: 254.145 ng

RT: 12.18 min Scan# 1750

Delta R.T. -0.03 min

Lab File: BF097340.D

Acq: 4 Aug 2017 2:12

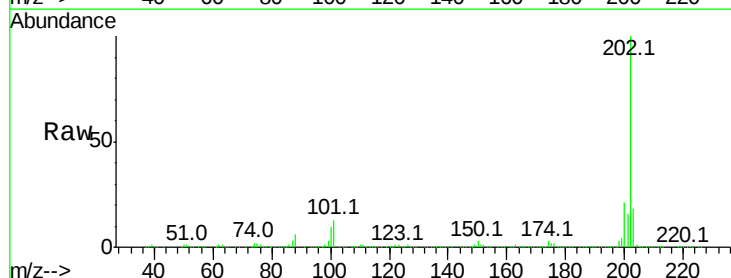
Tgt Ion:202 Resp: 2989368

Ion Ratio Lower Upper

202 100

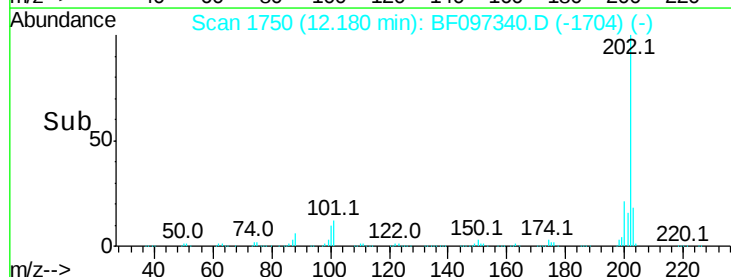
101 12.6 0.0 33.2

203 17.7 0.0 38.1

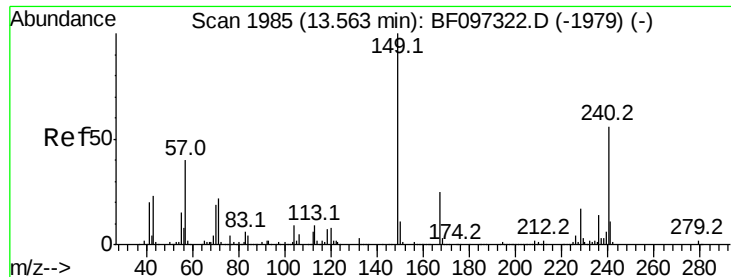


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

12.18



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.59 min Scan# 1989

Delta R.T. -0.04 min

Lab File: BF097340.D

Acq: 4 Aug 2017 2:12

Instrument :

BNA_F

ClientSampleId :

TP-2-SS1

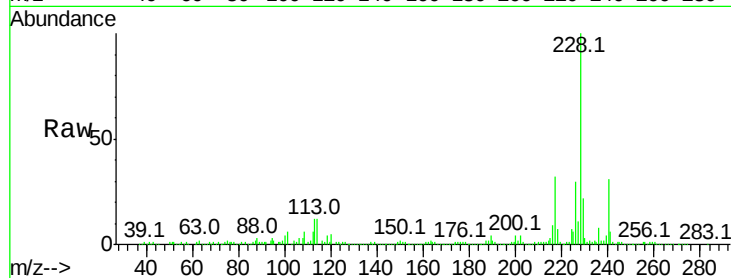
Tot Ion:240 Resp: 117210

Ion Ratio Lower Upper

240 100

120 14.9 5.8 8.8#

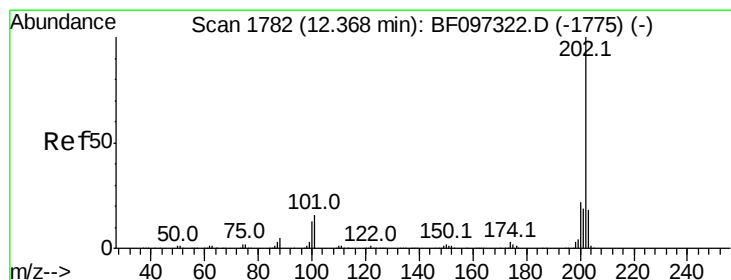
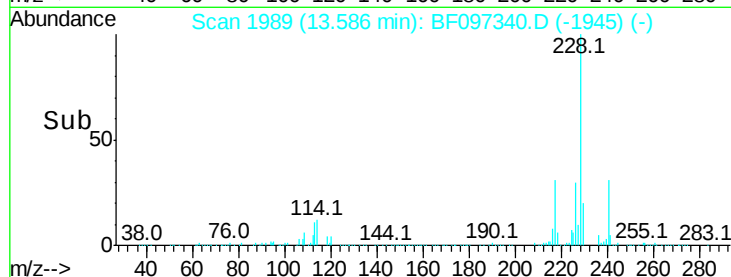
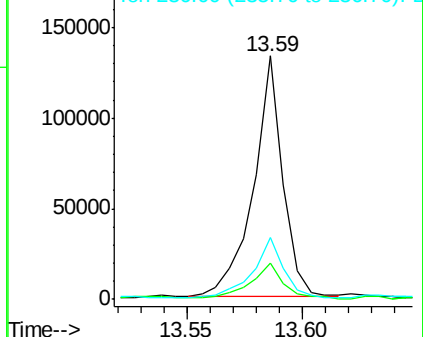
236 25.5 20.5 30.7



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

Pyrene

Concen: 260.482 ng

RT: 12.40 min Scan# 1788

Delta R.T. -0.03 min

Lab File: BF097340.D

Acq: 4 Aug 2017 2:12

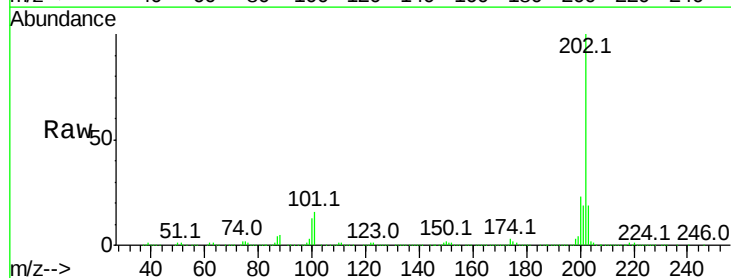
Tgt Ion:202 Resp: 2499482

Ion Ratio Lower Upper

202 100

200 22.6 17.6 26.4

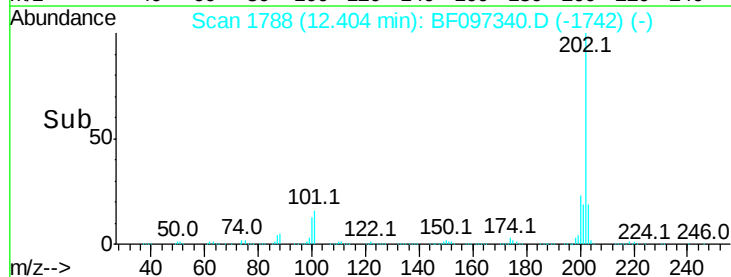
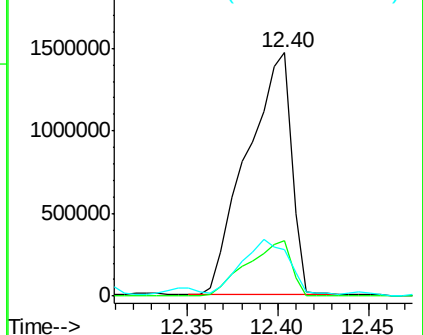
203 19.2 14.4 21.6

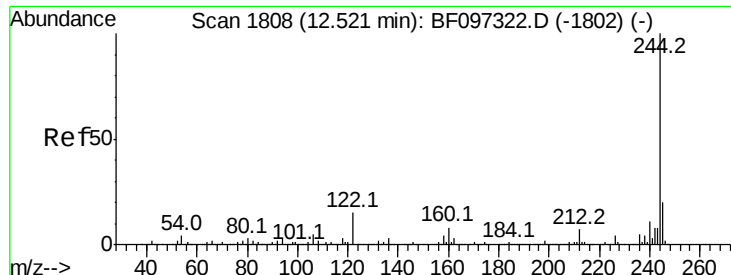


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 80.443 ng

RT: 12.53 min Scan# 1809

Delta R.T. -0.06 min

Lab File: BF097340.D

Acq: 4 Aug 2017 2:12

Instrument :

BNA_F

ClientSampleId :

TP-2-SS1

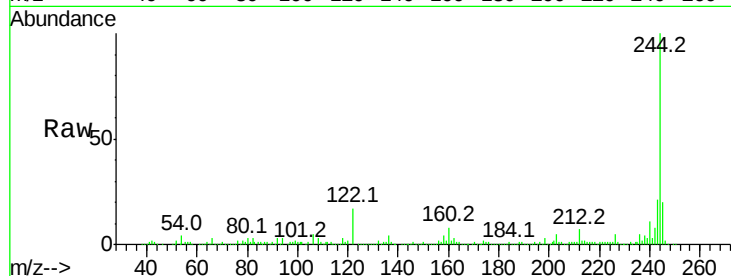
Tot Ion:244 Resp: 462455

Ion Ratio Lower Upper

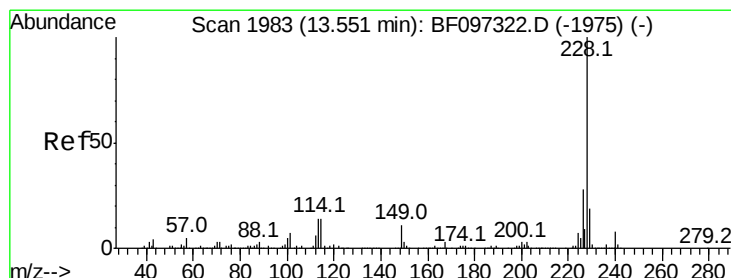
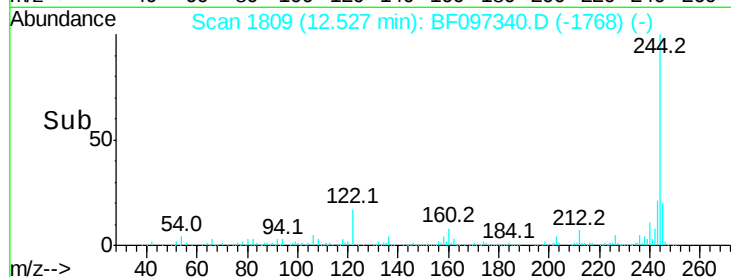
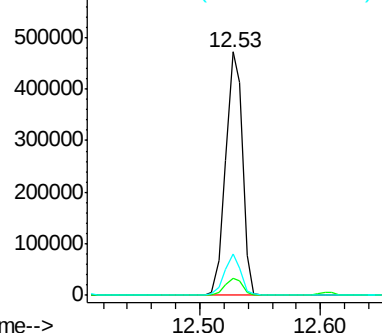
244 100

212 7.2 6.0 9.0

122 16.7 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: 202.019 ng

RT: 13.57 min Scan# 1987

Delta R.T. -0.04 min

Lab File: BF097340.D

Acq: 4 Aug 2017 2:12

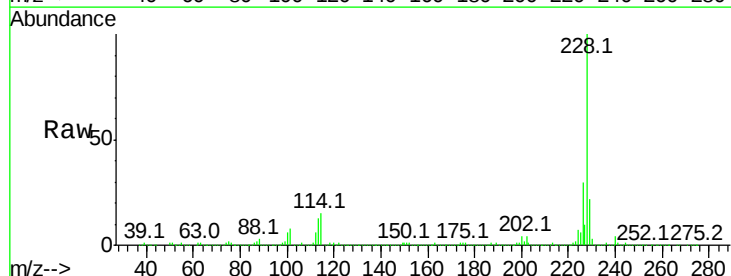
Tgt Ion:228 Resp: 1532108

Ion Ratio Lower Upper

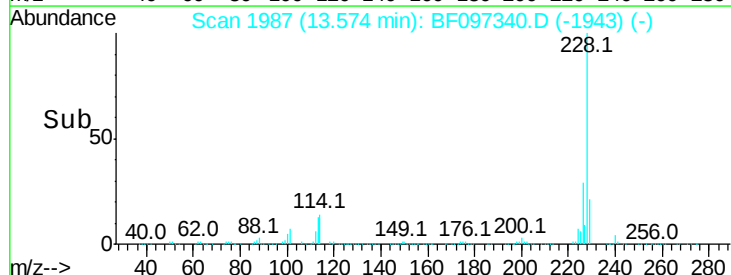
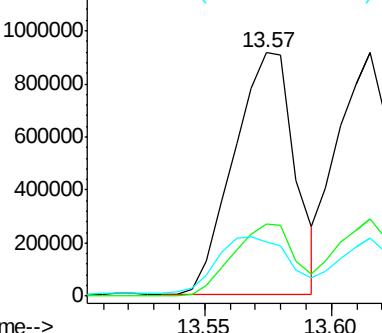
228 100

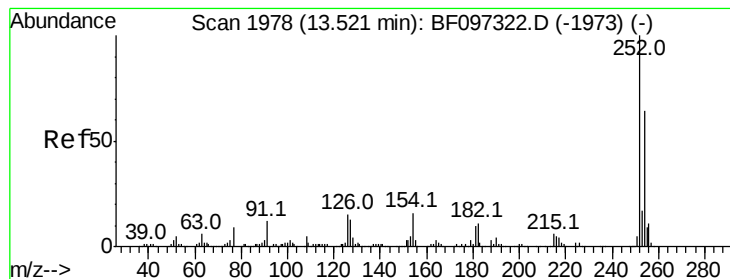
226 29.5 22.6 33.8

229 22.1 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

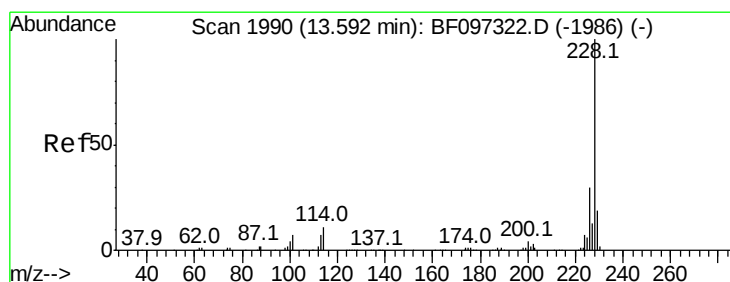
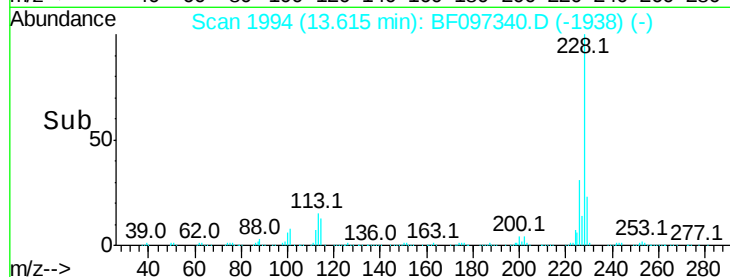
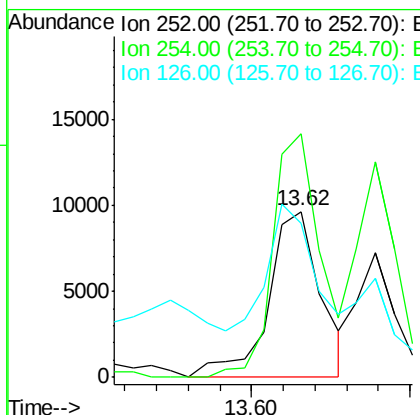
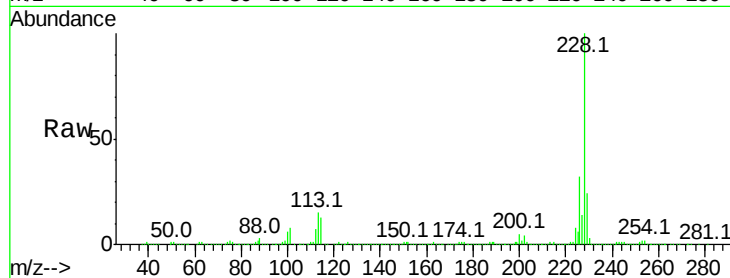




#81
 3,3'-Dichlorobenzidine
 Concen: 3.896 ng
 RT: 13.62 min Scan# 1994
 Delta R.T. 0.03 min
 Lab File: BF097340.D
 Acq: 4 Aug 2017 2:12

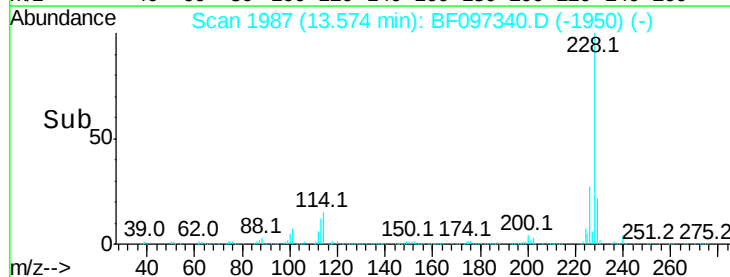
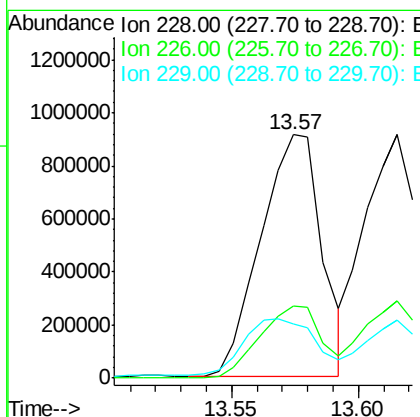
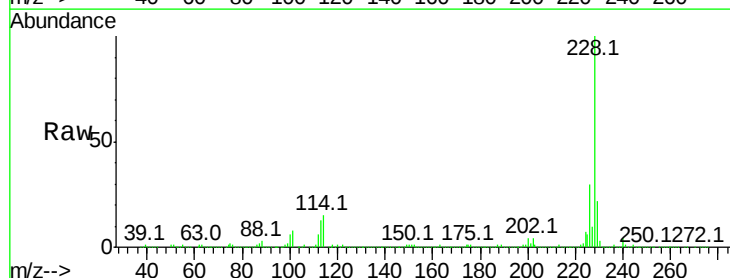
Instrument :
 BNA_F
 ClientSampleId :
 TP-2-SS1

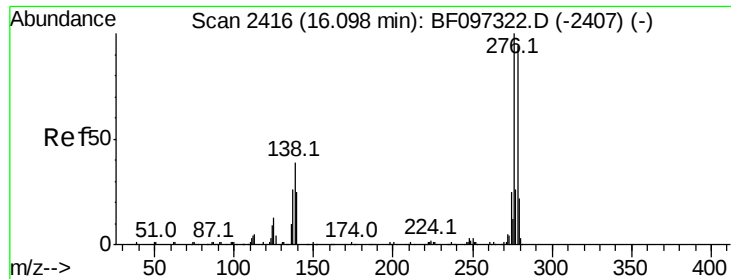
Tot Ion:252 Resp: 11143
 Ion Ratio Lower Upper
 252 100
 254 146.7 51.5 77.3#
 126 93.0 15.8 23.8#



#82
 Chrysene
 Concen: 206.888 ng
 RT: 13.57 min Scan# 1987
 Delta R.T. -0.08 min
 Lab File: BF097340.D
 Acq: 4 Aug 2017 2:12

Tgt Ion:228 Resp: 1532108
 Ion Ratio Lower Upper
 228 100
 226 29.5 24.9 37.3
 229 22.1 15.8 23.6

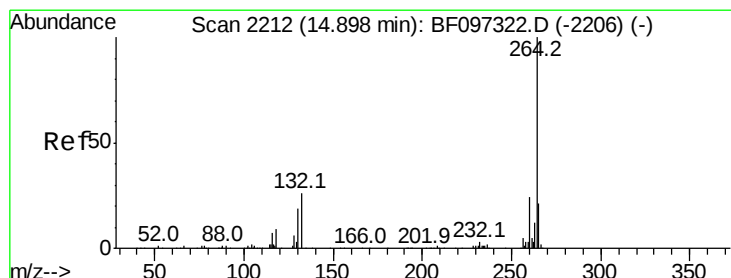
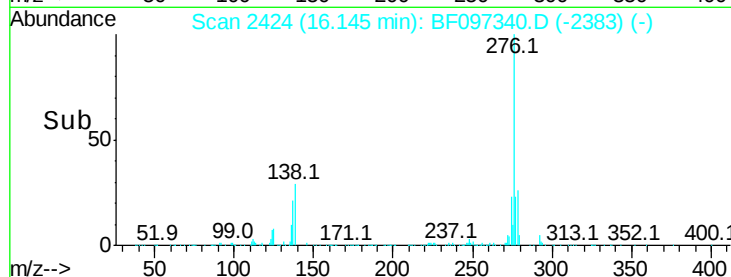
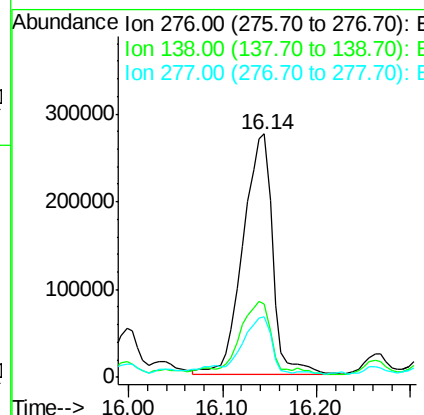
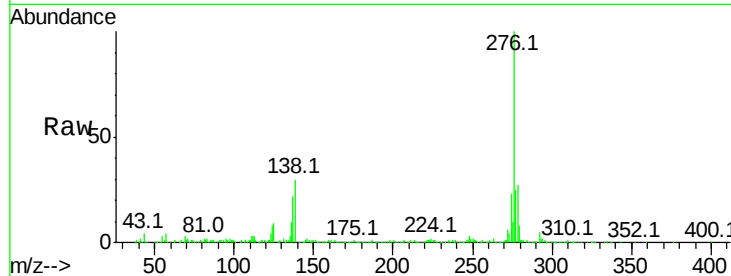




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 93.289 ng
 RT: 16.14 min Scan# 2424
 Delta R.T. -0.06 min
 Lab File: BF097340.D
 Acq: 4 Aug 2017 2:12

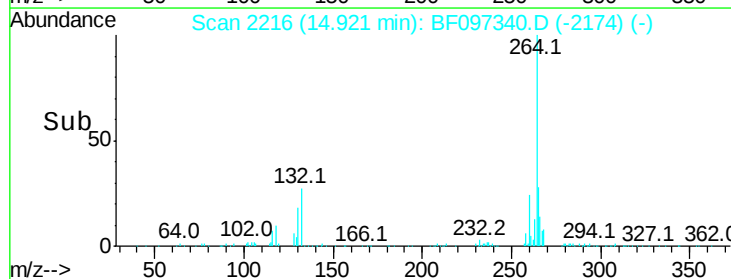
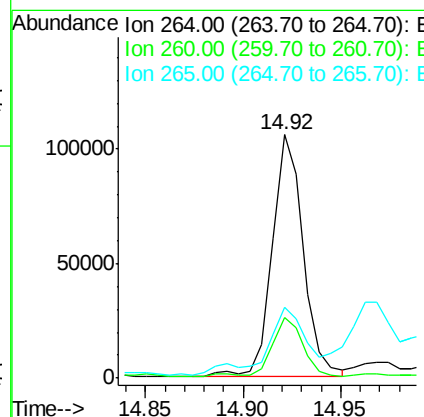
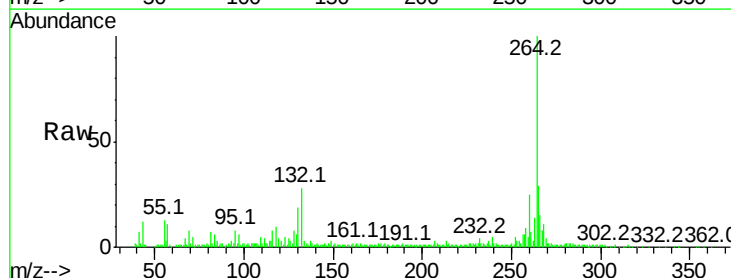
Instrument :
 BNA_F
 ClientSampleId :
 TP-2-SS1

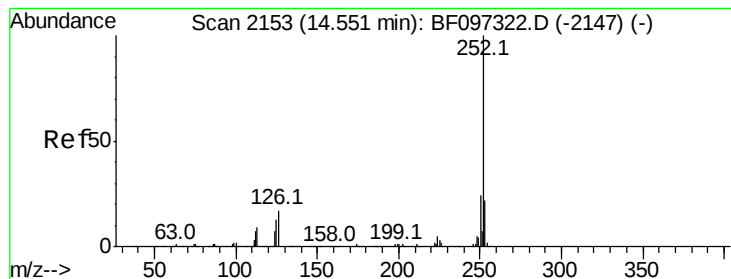
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.3	27.8	41.6
277	21.8	20.2	30.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.92 min Scan# 2216
 Delta R.T. -0.05 min
 Lab File: BF097340.D
 Acq: 4 Aug 2017 2:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	29.2	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 249.268 ng

RT: 14.58 min Scan# 2158

Delta R.T. -0.04 min

Lab File: BF097340.D

Acq: 4 Aug 2017 2:12

Instrument :

BNA_F

ClientSampleId :

TP-2-SS1

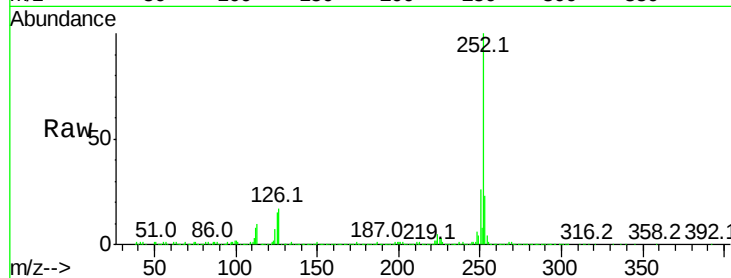
Tot Ion:252 Resp: 1744411

Ion Ratio Lower Upper

252 100

253 23.1 18.1 27.1

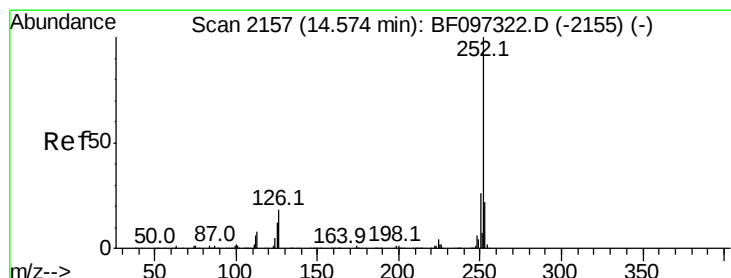
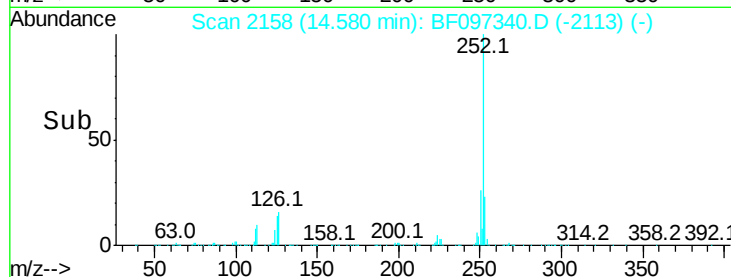
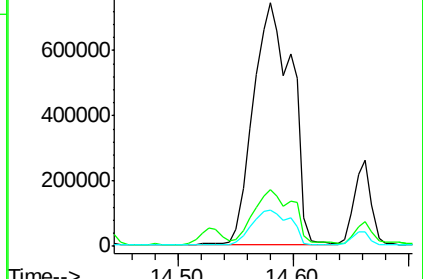
125 14.9 9.8 14.8#



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: 261.585 ng

RT: 14.58 min Scan# 2158

Delta R.T. -0.06 min

Lab File: BF097340.D

Acq: 4 Aug 2017 2:12

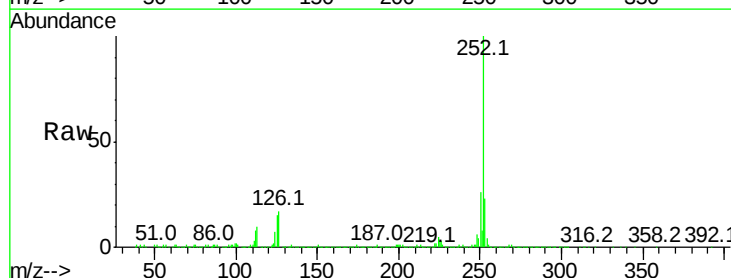
Tgt Ion:252 Resp: 1744411

Ion Ratio Lower Upper

252 100

253 23.1 18.4 27.6

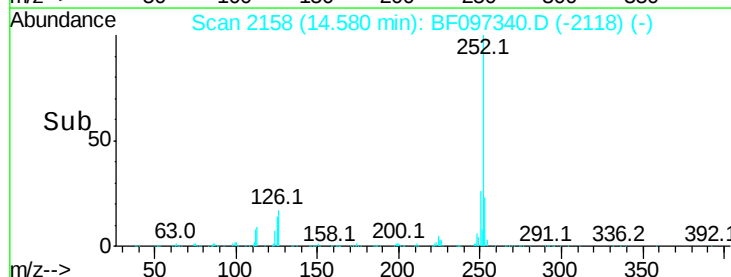
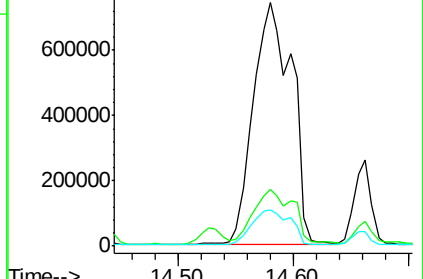
125 14.9 13.1 19.7

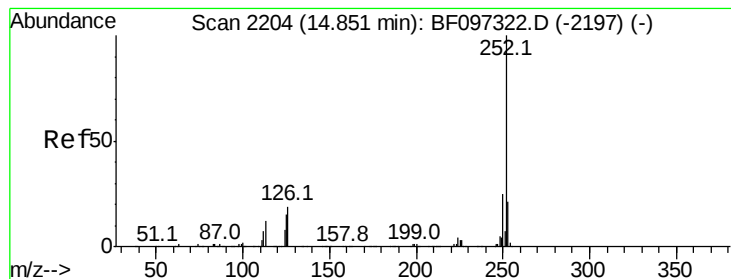


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 145.343 ng

RT: 14.89 min Scan# 2210

Delta R.T. -0.04 min

Lab File: BF097340.D

Acq: 4 Aug 2017 2:12

Instrument :

BNA_F

ClientSampleId :

TP-2-SS1

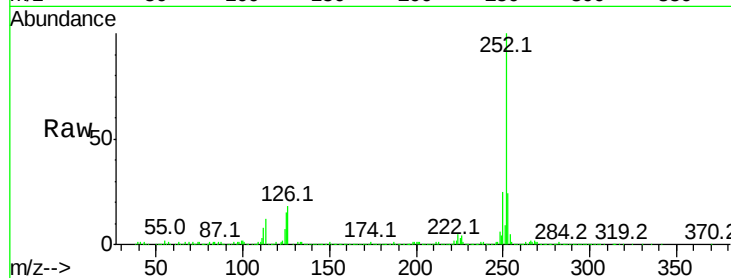
Tot Ion:252 Resp: 930899

Ion Ratio Lower Upper

252 100

253 24.2 17.5 26.3

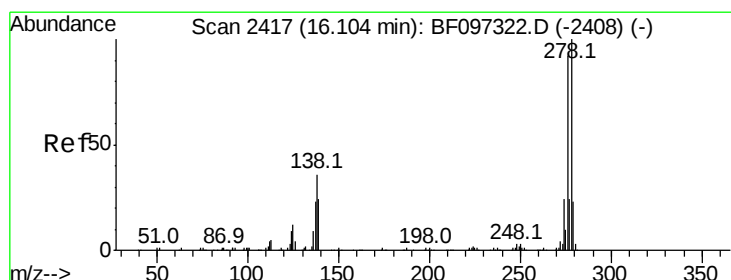
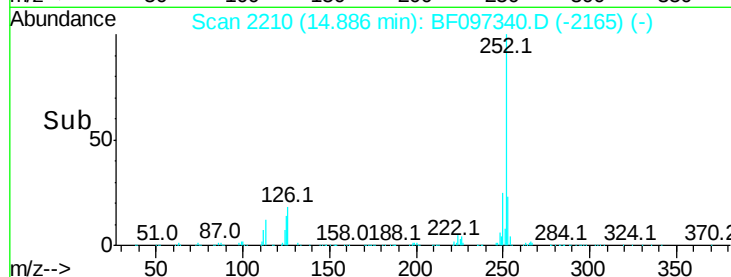
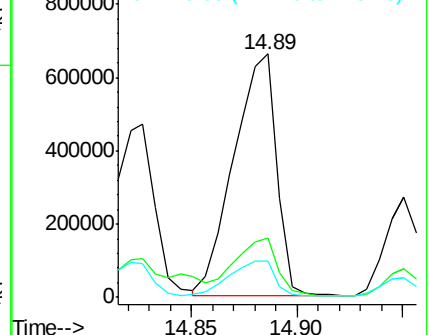
125 14.7 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 33.595 ng

RT: 16.14 min Scan# 2423

Delta R.T. -0.08 min

Lab File: BF097340.D

Acq: 4 Aug 2017 2:12

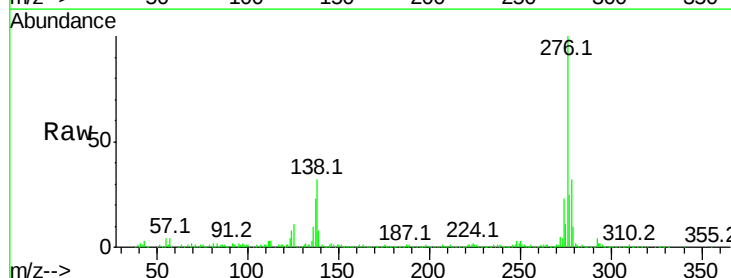
Tgt Ion:278 Resp: 176452

Ion Ratio Lower Upper

278 100

139 24.2 16.6 24.8

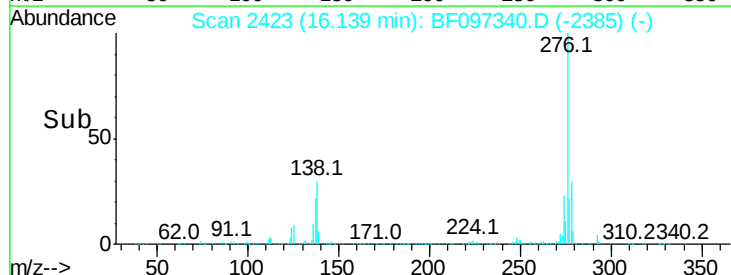
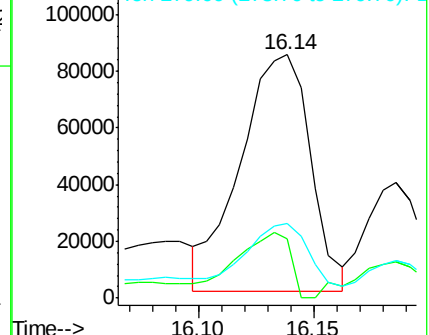
279 30.9 19.3 28.9#

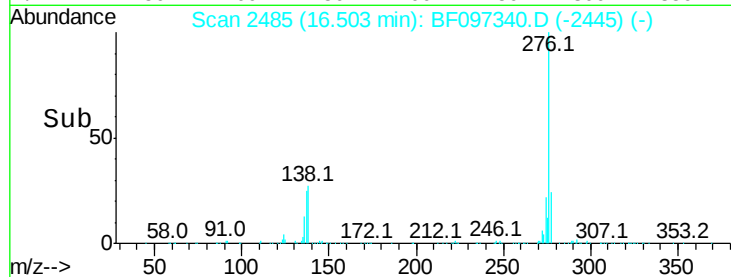
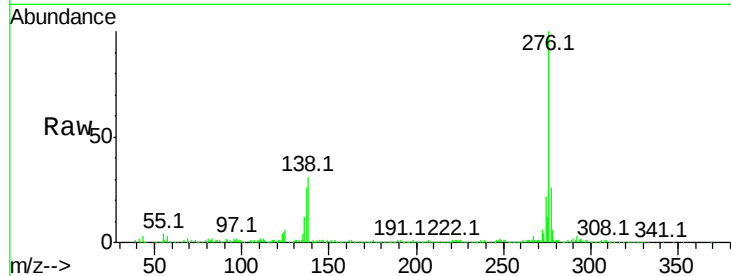
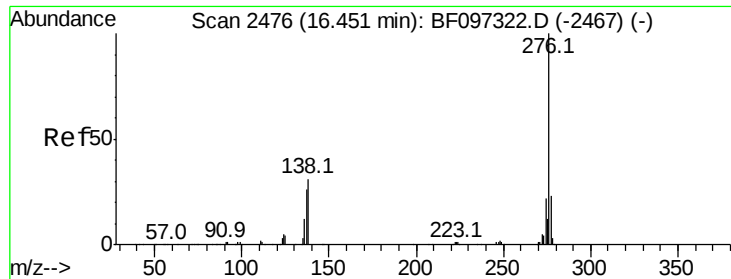


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 90.352 ng

RT: 16.50 min Scan# 2485

Delta R.T. -0.06 min

Lab File: BF097340.D

Acq: 4 Aug 2017 2:12

Instrument :

BNA_F

ClientSampleId :

TP-2-SS1

Tot Ion:276 Resp: 497655

Ion Ratio Lower Upper

276 100

277 25.6 18.6 28.0

138 31.3 25.4 38.0

