

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081717\
 Data File : BF097826.D
 Acq On : 18 Aug 2017 10:42
 Operator : SJ/JU
 Sample : I4820-01
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-I10-ESW

Quant Time: Aug 18 13:51:00 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	127462	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	448174	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	158647	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	273791	20.00	ng	0.00
75) Chrysene-d12	13.93	240	236885	20.00	ng	0.00
86) Perylene-d12	15.37	264	170863	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1027065	122.57	ng	0.00
7) Phenol-d6	6.41	99	1359028	119.36	ng	0.00
23) Nitrobenzene-d5	7.34	82	803834	97.44	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	164396	119.43	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	949935	87.97	ng	0.00
78) Terphenyl-d14	12.89	244	624072	54.94	ng	0.00

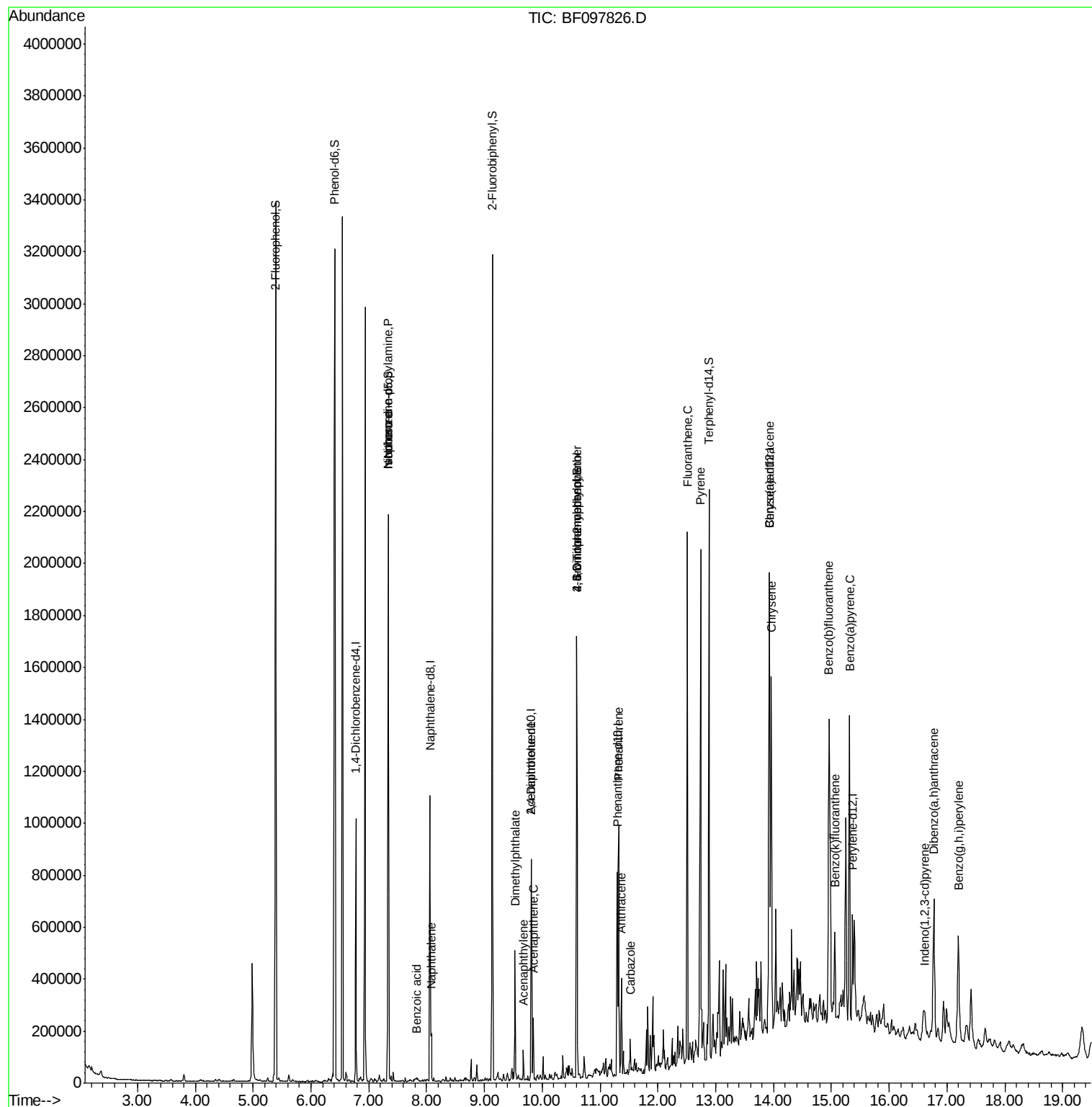
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.34	70	109388	14.035	ng	# 72
25) Isophorone	7.34	82	801591	46.728	ng	# 67
31) Naphthalene	8.08	128	64529	2.773	ng	# 99
32) Benzoic acid	7.83	122	2939	6.893	ng	# 50
48) Acenaphthylene	9.67	152	41377	2.465	ng	# 98
49) Dimethylphthalate	9.53	163	164014	14.143	ng	# 99
51) Acenaphthene	9.85	154	44276	4.182	ng	# 98
56) 2,4-Dinitrotoluene	9.81	165	21762	7.491	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.60	198	427	8.594	ng	# 1
66) 4-Bromophenyl-phenylether	10.60	248	10827	3.808	ng	# 1
70) Phenanthrene	11.32	178	323949	22.204	ng	# 99
71) Anthracene	11.37	178	118672	8.020	ng	# 98
72) Carbazole	11.52	167	44155	3.144	ng	# 99
74) Fluoranthene	12.51	202	748230	49.135	ng	# 99
77) Pyrene	12.74	202	836570	43.179	ng	# 99
80) Benzo(a)anthracene	13.93	228	551648	38.855	ng	# 96
82) Chrysene	13.96	228	505172	35.769	ng	# 97
85) Indeno(1,2,3-cd)pyrene	16.62	276	67187	6.467	ng	# 94
87) Benzo(b)fluoranthene	14.96	252	955985	88.763	ng	# 99
88) Benzo(k)fluoranthene	15.06	252	143857	14.217	ng	# 93
89) Benzo(a)pyrene	15.32	252	576561	60.471	ng	# 97
90) Dibenzo(a,h)anthracene	16.78	278	87926	11.328	ng	# 94
91) Benzo(g,h,i)perylene	17.20	276	337891	41.719	ng	# 93

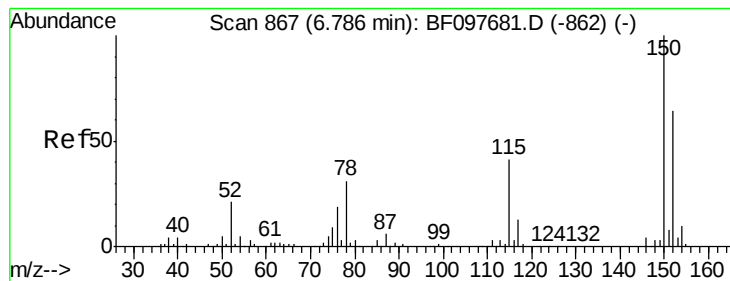
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081717\
Data File : BF097826.D
Acq On : 18 Aug 2017 10:42
Operator : SJ/JU
Sample : I4820-01
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-110-ESW

Quant Time: Aug 18 13:51:00 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration



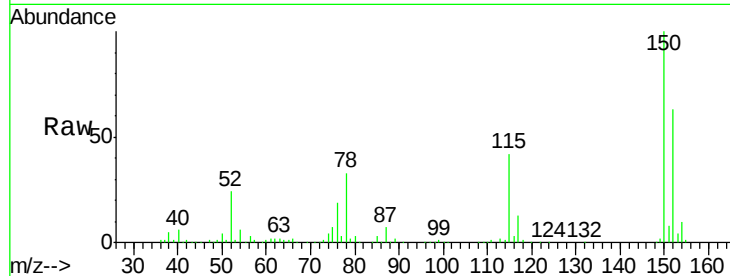


#1

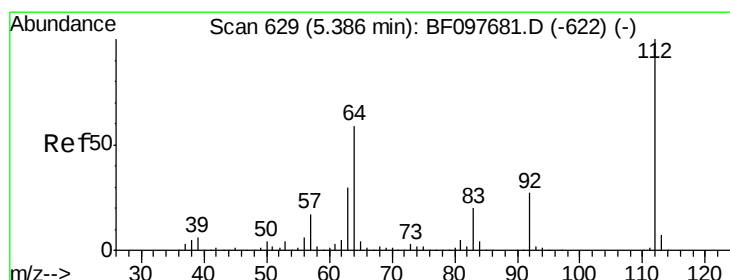
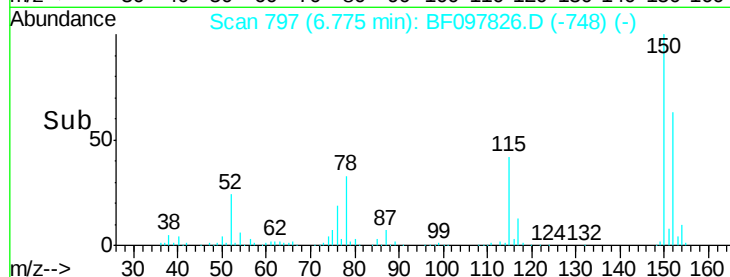
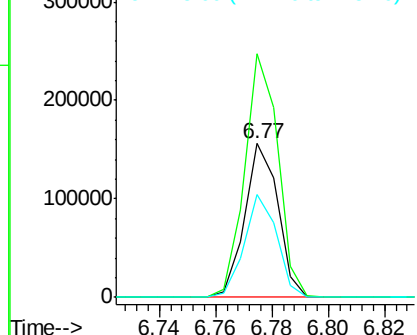
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF097826.D
 Acq: 18 Aug 2017 10:42

Instrument :
 BNA_F
 ClientSampleId :
 E2-110-ESW

Tgt Ion:152 Resp: 127462
 Ion Ratio Lower Upper
 152 100
 150 158.1 126.2 189.2
 115 66.9 52.2 78.2



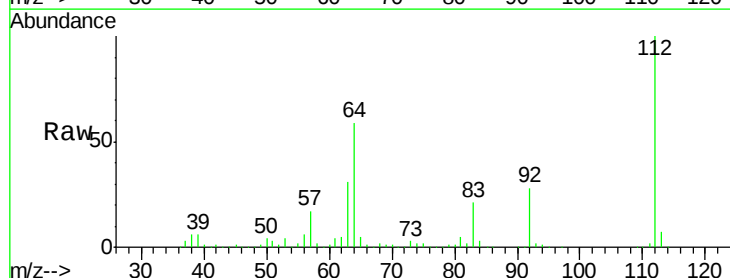
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



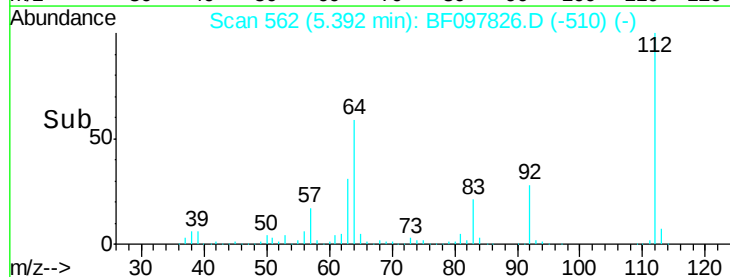
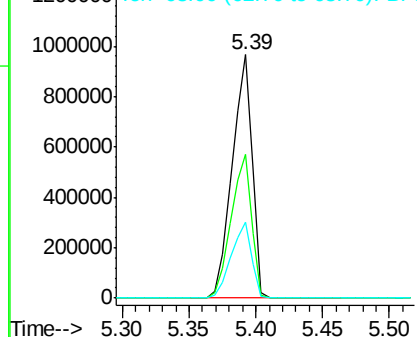
#5

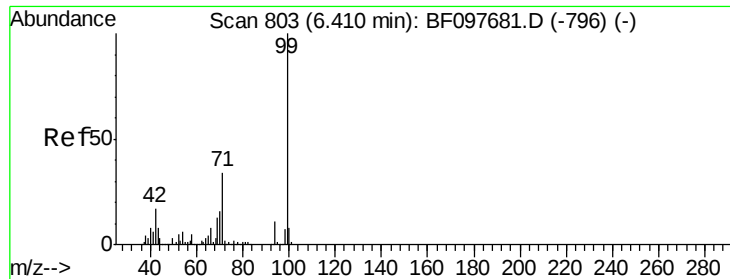
2-Fluorophenol
 Concen: 122.565 ng
 RT: 5.39 min Scan# 562
 Delta R.T. 0.01 min
 Lab File: BF097826.D
 Acq: 18 Aug 2017 10:42

Tgt Ion:112 Resp: 1027065
 Ion Ratio Lower Upper
 112 100
 64 59.1 46.0 69.0
 63 31.2 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





#7

Phenol-d6

Concen: 119.363 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF097826.D

Acq: 18 Aug 2017 10:42

Instrument :

BNA_F

ClientSampleId :

E2-110-ESW

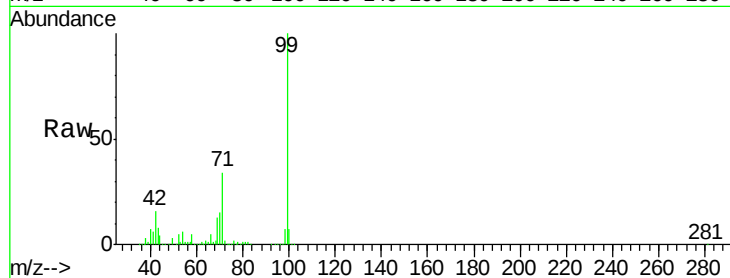
Tgt Ion: 99 Resp: 1359028

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

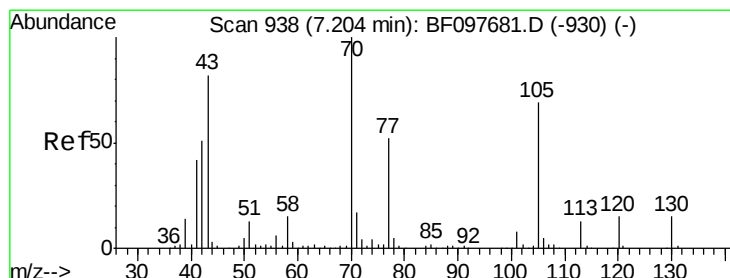
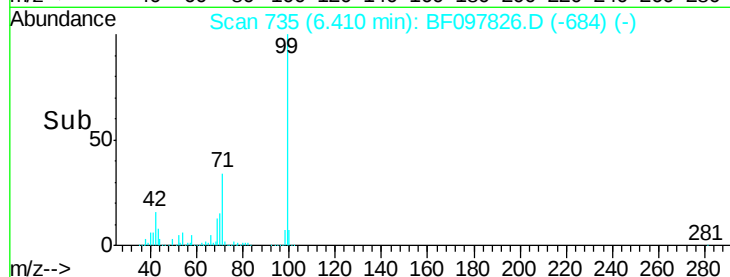
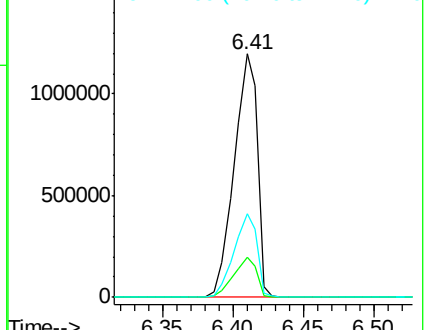
71 34.4 24.5 36.7



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: 14.035 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.14 min

Lab File: BF097826.D

Acq: 18 Aug 2017 10:42

Tgt Ion: 70 Resp: 109388

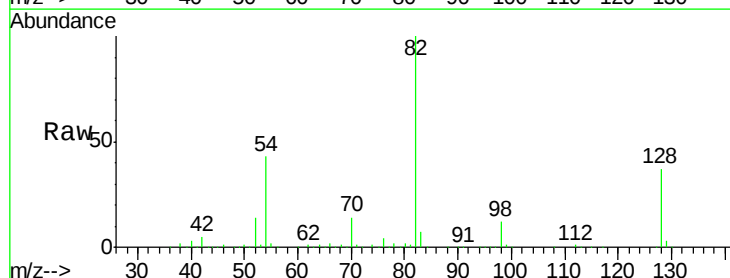
Ion Ratio Lower Upper

70 100

42 40.1 47.2 70.8#

101 0.0 7.2 10.8#

130 1.8 15.9 23.9#

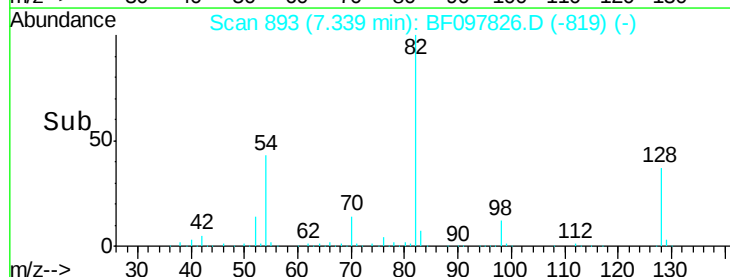
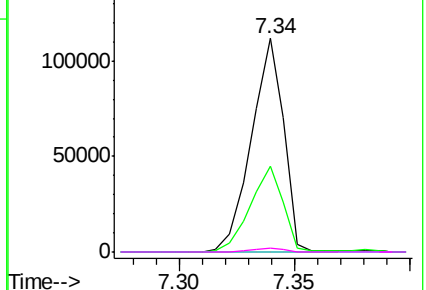


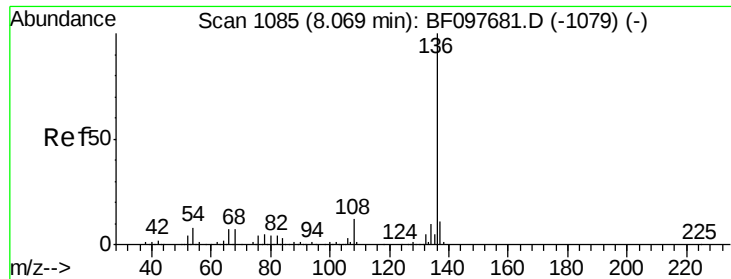
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

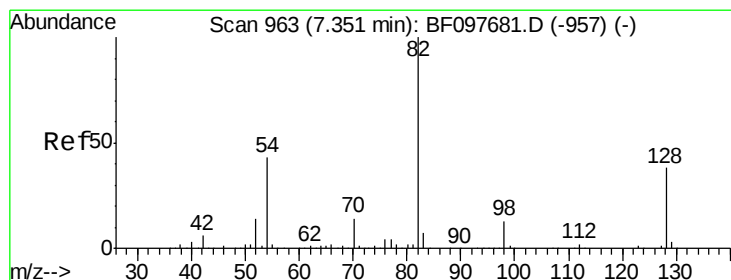
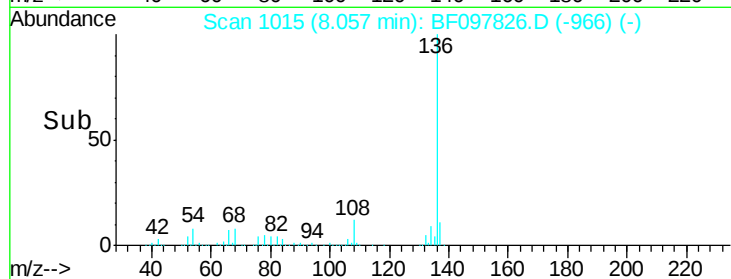
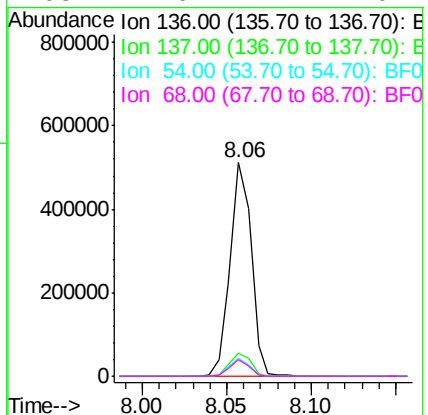
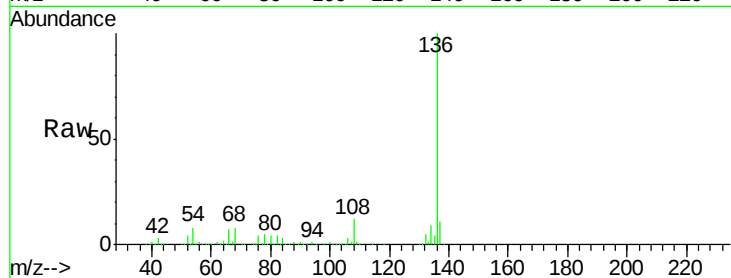




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF097826.D
Acq: 18 Aug 2017 10:42

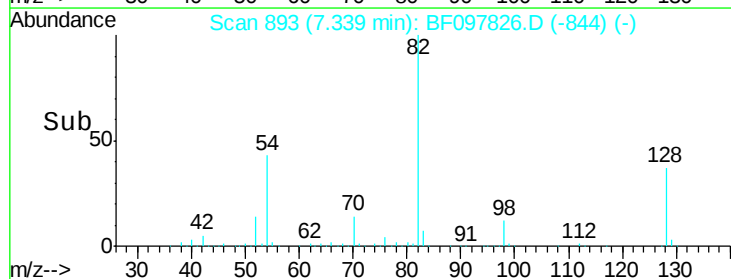
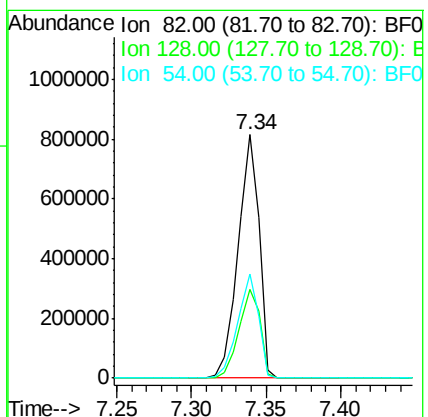
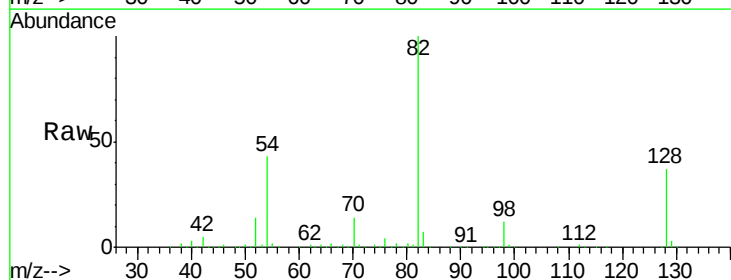
Instrument :
BNA_F
ClientSampleId :
E2-110-ESW

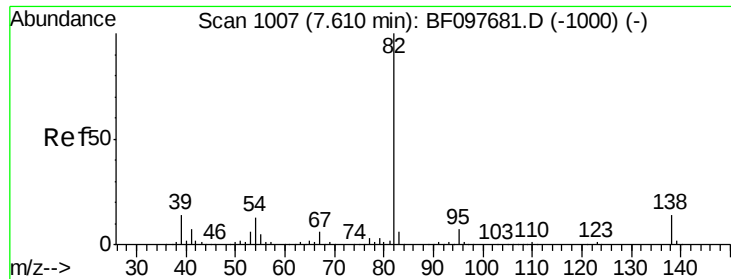
Tgt Ion:	136	Resp:	448174
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	8.4	4.9	7.3#
68	7.6	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 97.435 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF097826.D
Acq: 18 Aug 2017 10:42

Tgt Ion:	82	Resp:	803834
Ion	Ratio	Lower	Upper
82	100		
128	36.6	34.0	51.0
54	42.8	42.2	63.2





#25

Isophorone

Concen: 46.728 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.27 min

Lab File: BF097826.D

Acq: 18 Aug 2017 10:42

Instrument :

BNA_F

ClientSampleId :

E2-110-ESW

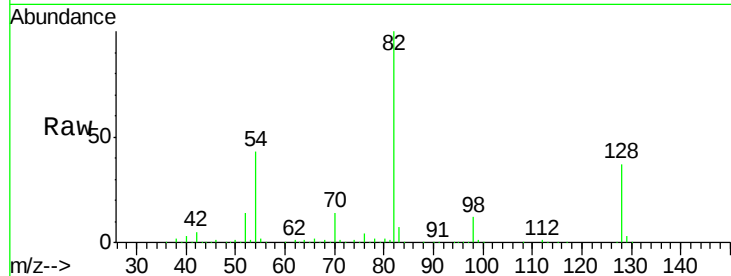
Tgt Ion: 82 Resp: 801591

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

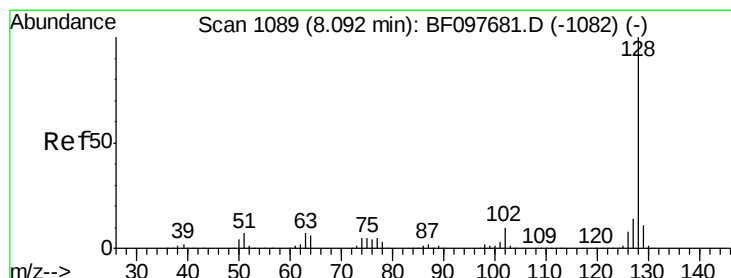
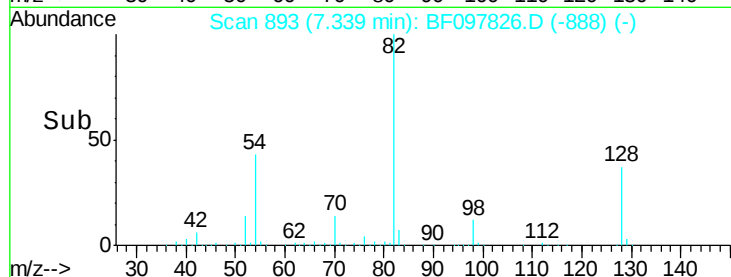
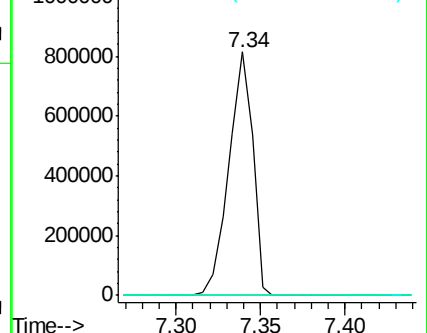
138 0.0 13.1 19.7#



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): E



#31

Naphthalene

Concen: 2.773 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF097826.D

Acq: 18 Aug 2017 10:42

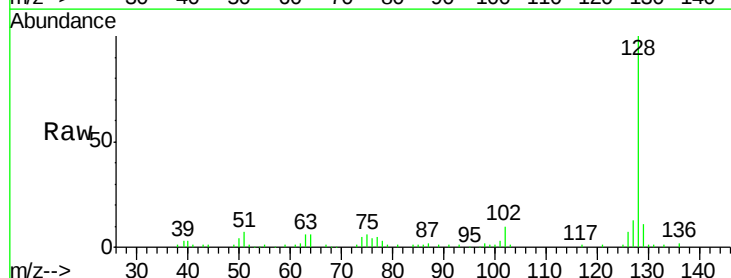
Tgt Ion: 128 Resp: 64529

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

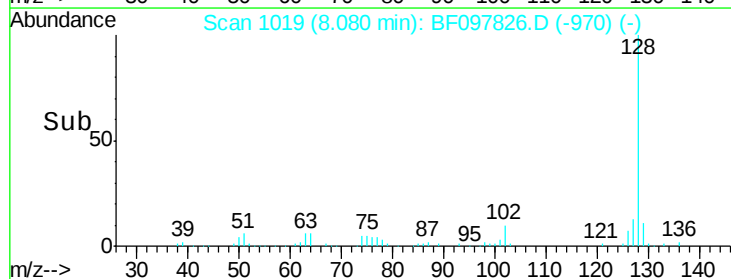
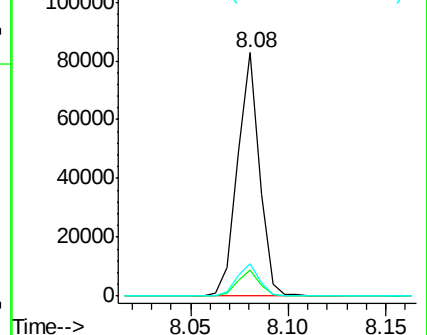
127 13.4 10.8 16.2

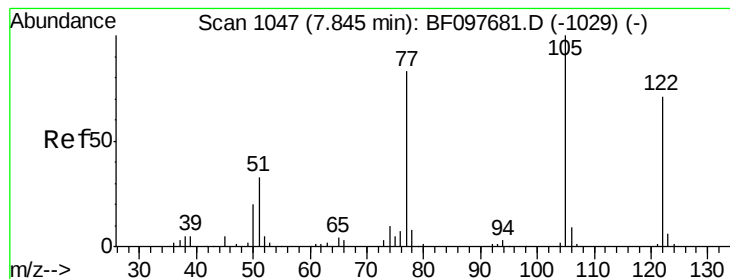


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 6.893 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.02 min

Lab File: BF097826.D

Acq: 18 Aug 2017 10:42

Instrument :

BNA_F

ClientSampleId :

E2-110-ESW

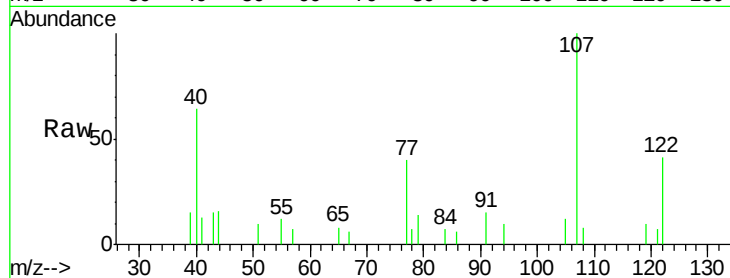
Tgt Ion:122 Resp: 2939

Ion Ratio Lower Upper

122 100

105 29.1 103.3 143.3#

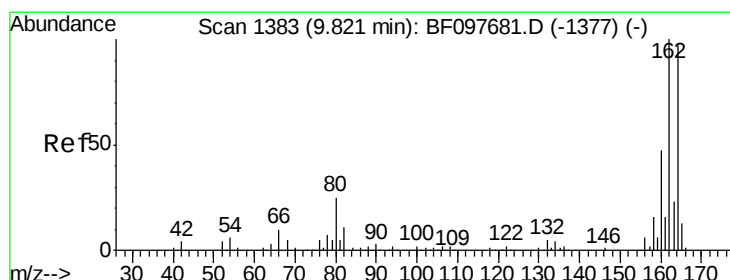
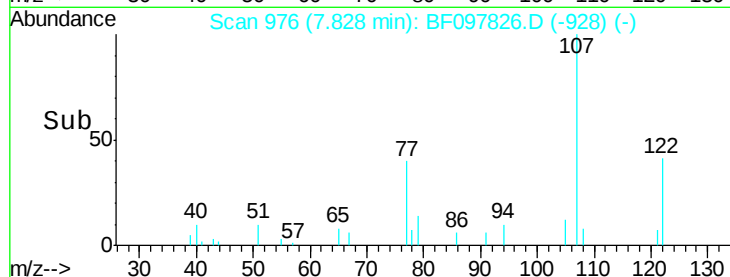
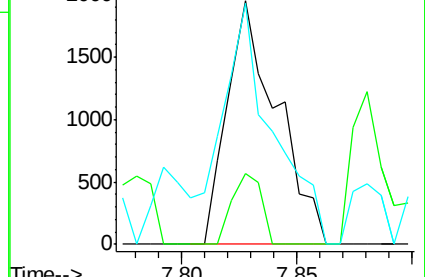
77 99.0 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF097826.D

Acq: 18 Aug 2017 10:42

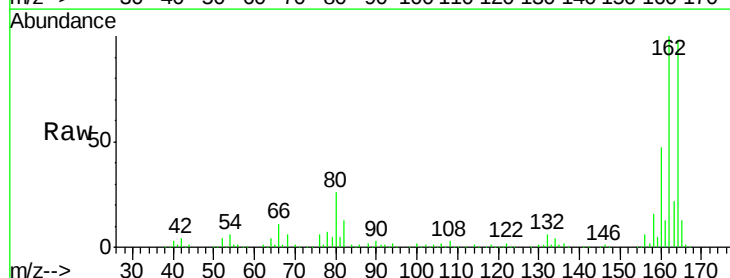
Tgt Ion:164 Resp: 158647

Ion Ratio Lower Upper

164 100

162 101.8 82.6 123.8

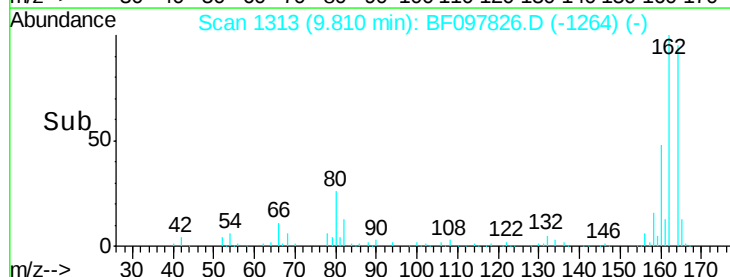
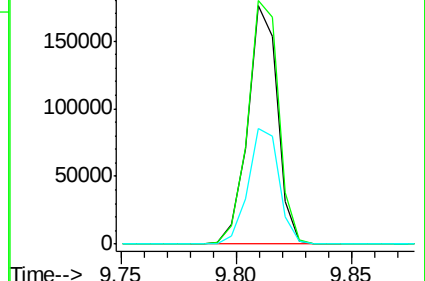
160 48.2 36.2 54.2

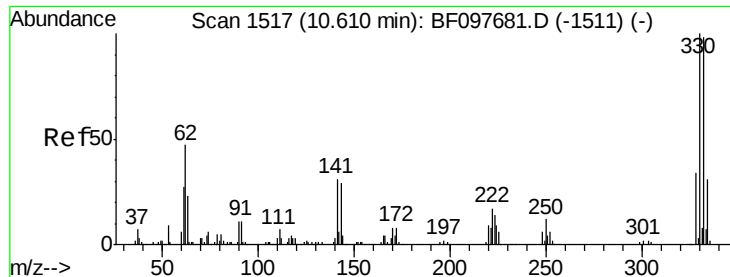


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 119.429 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BF097826.D

Acq: 18 Aug 2017 10:42

Instrument :

BNA_F

ClientSampleId :

E2-110-ESW

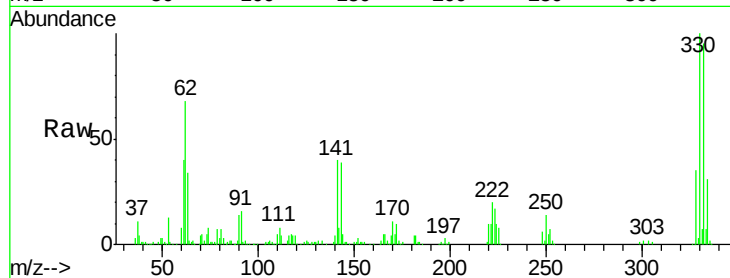
Tgt Ion:330 Resp: 164396

Ion Ratio Lower Upper

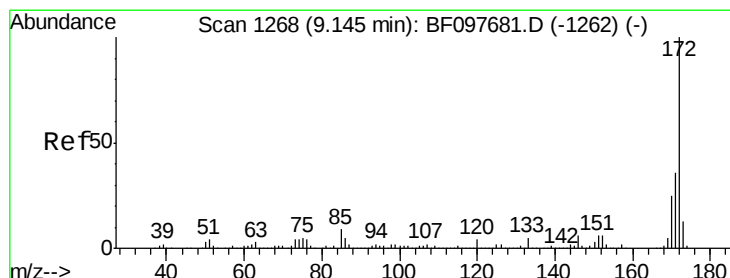
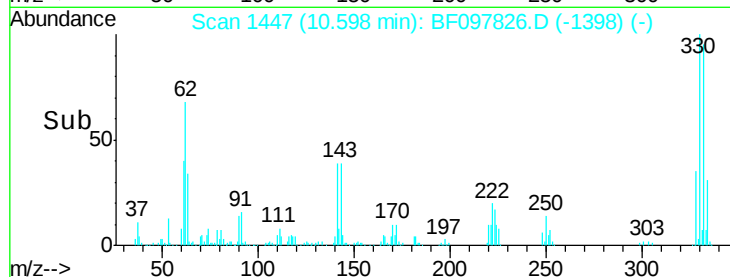
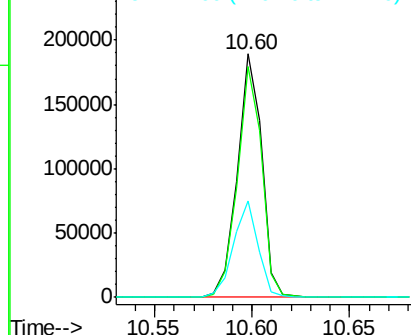
330 100

332 94.6 76.6 115.0

141 39.7 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: 87.972 ng

RT: 9.14 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BF097826.D

Acq: 18 Aug 2017 10:42

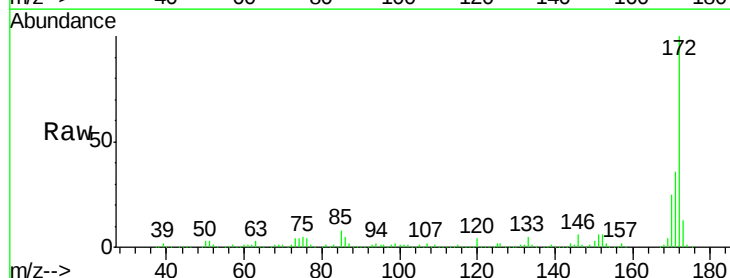
Tgt Ion:172 Resp: 949935

Ion Ratio Lower Upper

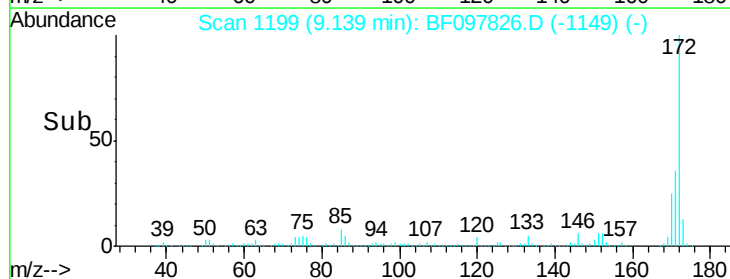
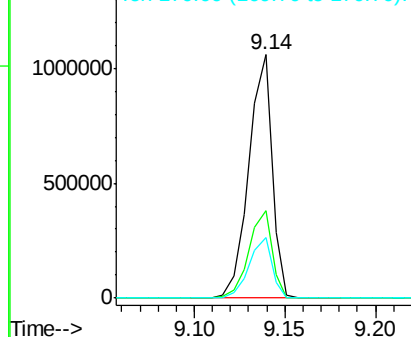
172 100

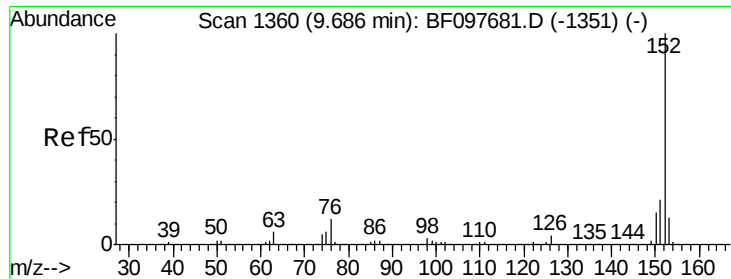
171 35.7 29.6 44.4

170 24.9 19.8 29.8



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





#48

Acenaphthylene

Concen: 2.465 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF097826.D

Acq: 18 Aug 2017 10:42

Instrument :

BNA_F

ClientSampleId :

E2-110-ESW

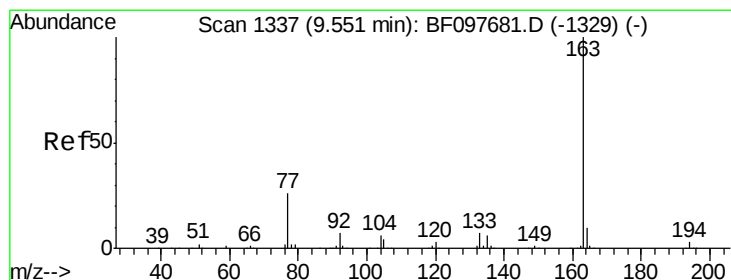
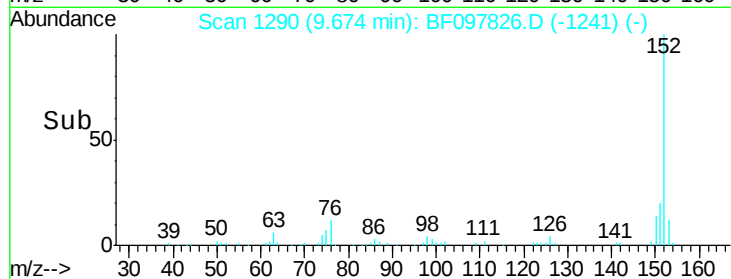
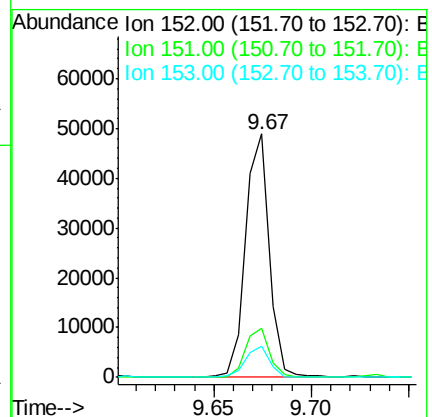
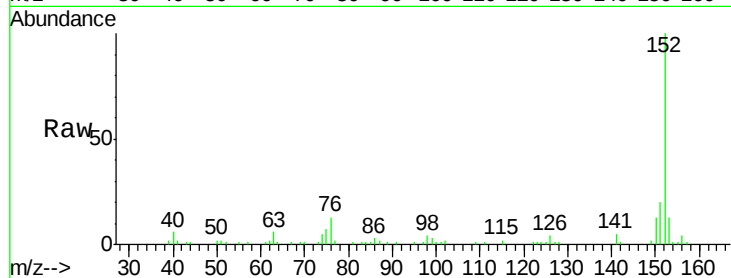
Tgt Ion:152 Resp: 41377

Ion Ratio Lower Upper

152 100

151 20.2 16.8 25.2

153 13.0 10.8 16.2



#49

Dimethylphthalate

Concen: 14.143 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BF097826.D

Acq: 18 Aug 2017 10:42

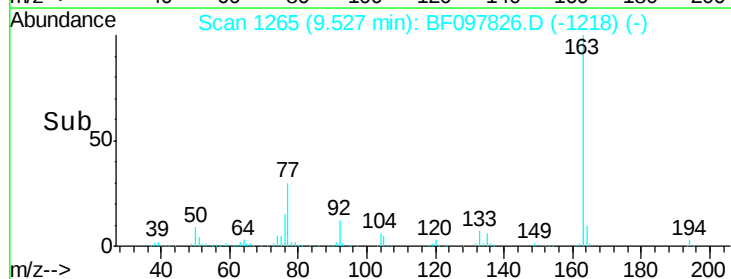
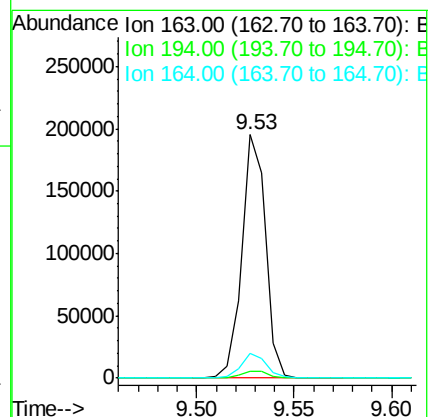
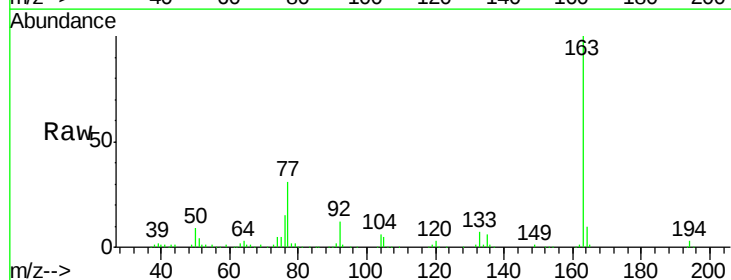
Tgt Ion:163 Resp: 164014

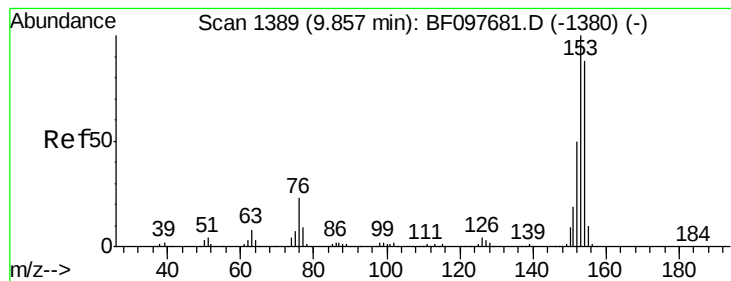
Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

164 10.3 8.4 12.6





#51

Acenaphthene

Concen: 4.182 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF097826.D

Acq: 18 Aug 2017 10:42

Instrument :

BNA_F

ClientSampleId :

E2-110-ESW

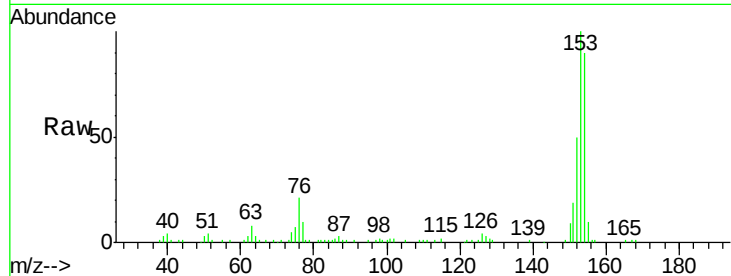
Tgt Ion:154 Resp: 44276

Ion Ratio Lower Upper

154 100

153 111.2 90.5 135.7

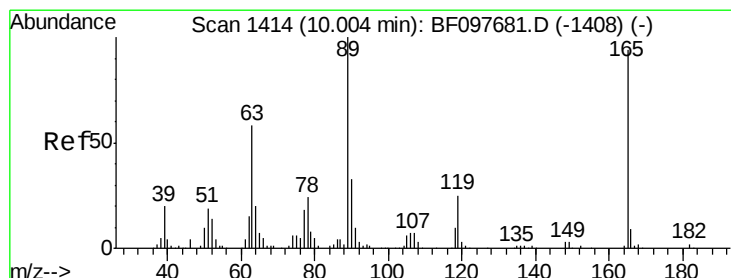
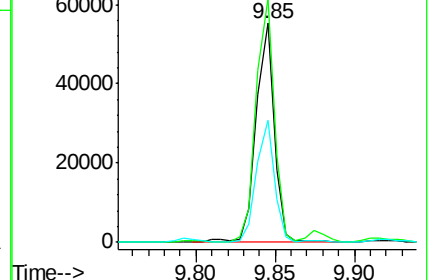
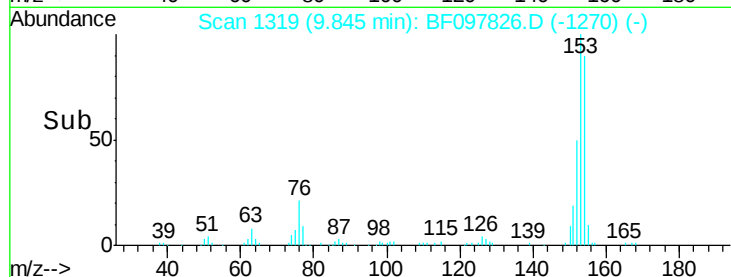
152 56.0 43.6 65.4



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



#56

2,4-Dinitrotoluene

Concen: 7.491 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.19 min

Lab File: BF097826.D

Acq: 18 Aug 2017 10:42

Tgt Ion:165 Resp: 21762

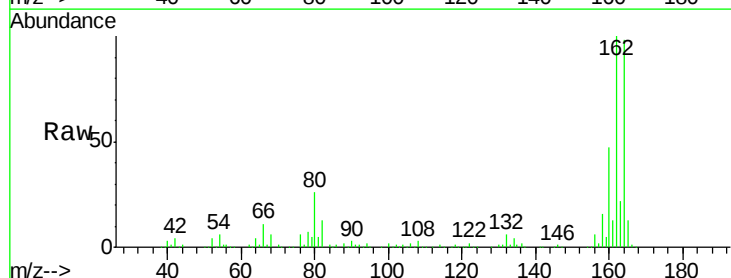
Ion Ratio Lower Upper

165 100

63 2.4 25.4 38.0#

89 2.5 46.4 69.6#

182 0.0 1.8 2.6#

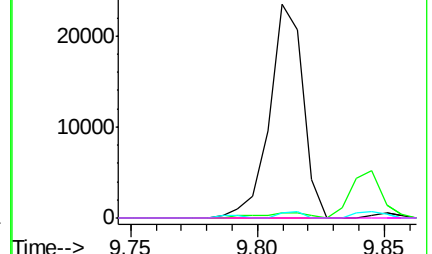
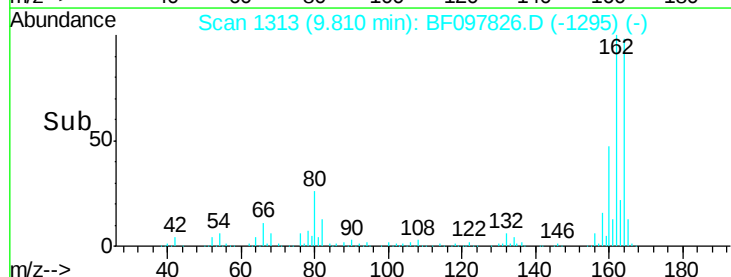


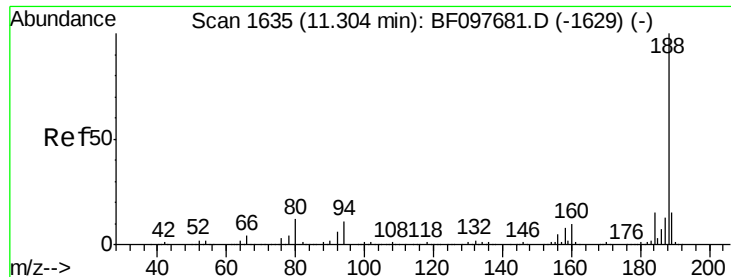
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

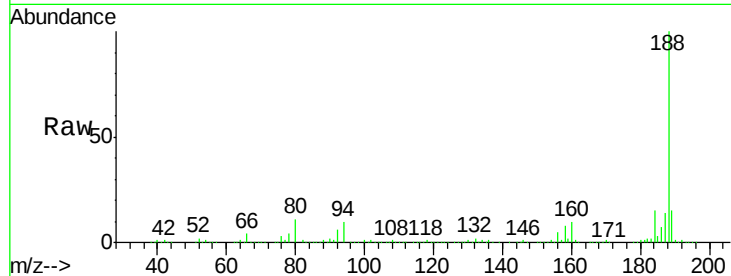




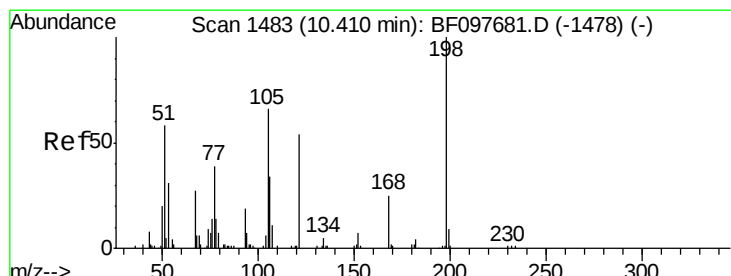
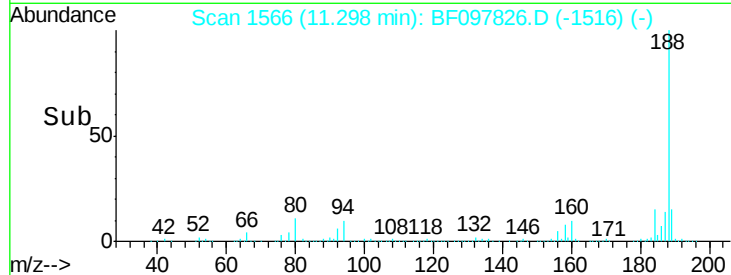
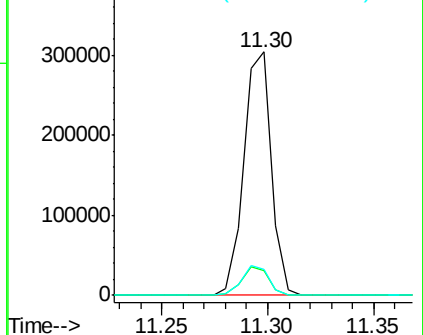
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.01 min
 Lab File: BF097826.D
 Acq: 18 Aug 2017 10:42

Instrument :
 BNA_F
 ClientSampleId :
 E2-110-ESW

Tgt Ion:188 Resp: 273791
 Ion Ratio Lower Upper
 188 100
 94 10.1 9.4 14.2
 80 10.9 10.2 15.2

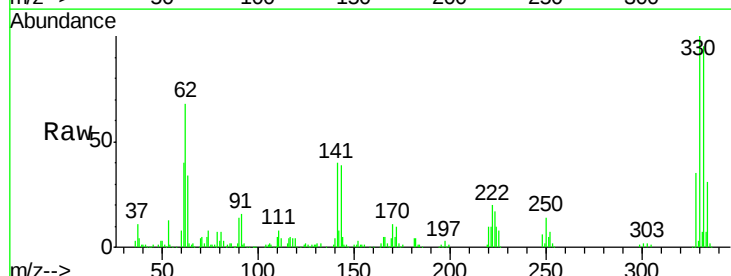


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

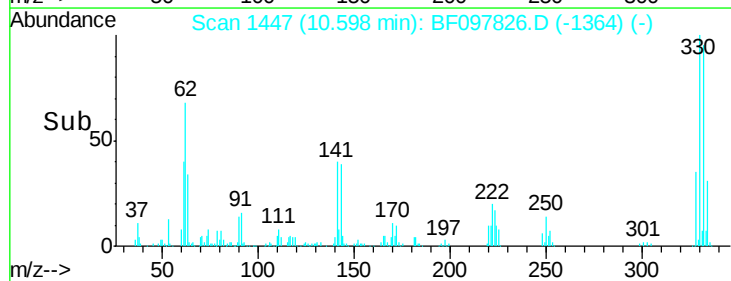
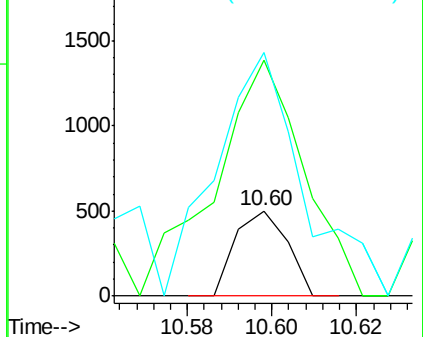


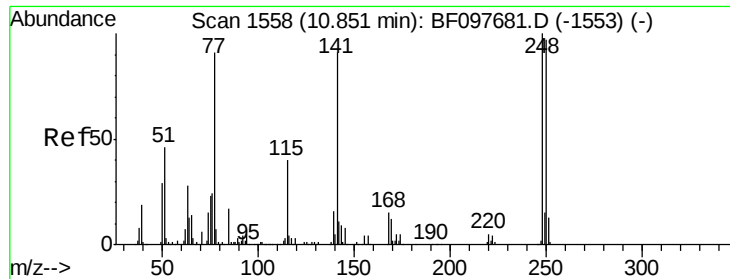
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.594 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. 0.19 min
 Lab File: BF097826.D
 Acq: 18 Aug 2017 10:42

Tgt Ion:198 Resp: 427
 Ion Ratio Lower Upper
 198 100
 51 277.8 53.2 93.2#
 105 286.0 45.8 85.8#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

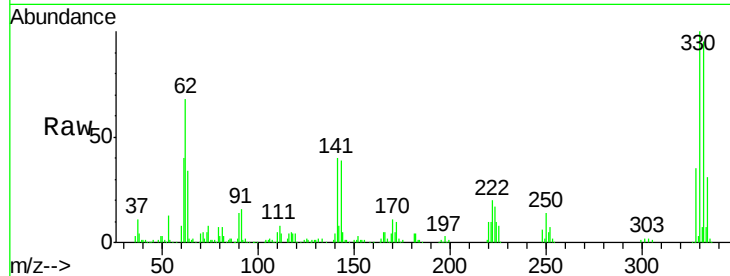




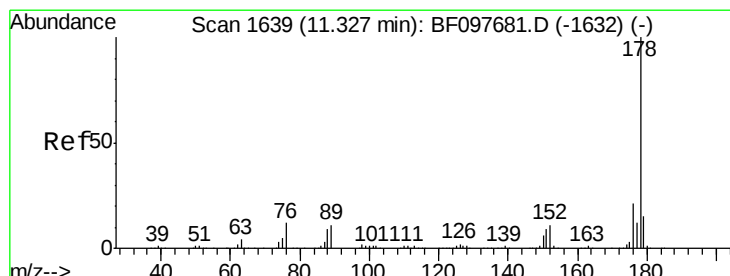
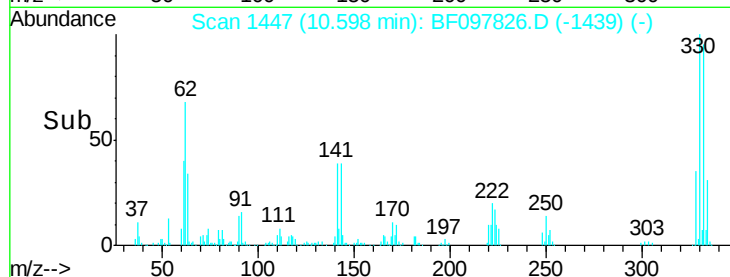
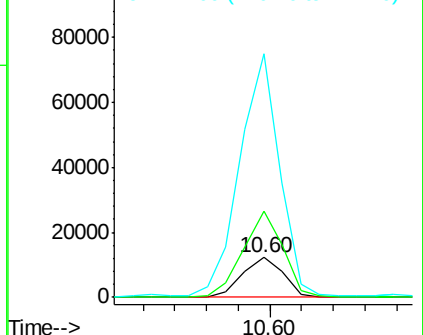
#66
 4-Bromophenyl-phenylether
 Concen: 3.808 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.25 min
 Lab File: BF097826.D
 Acq: 18 Aug 2017 10:42

Instrument :
 BNA_F
 ClientSampleId :
 E2-110-ESW

Tgt Ion:248 Resp: 10827
 Ion Ratio Lower Upper
 248 100
 250 217.9 76.8 115.2#
 141 614.6 68.6 103.0#

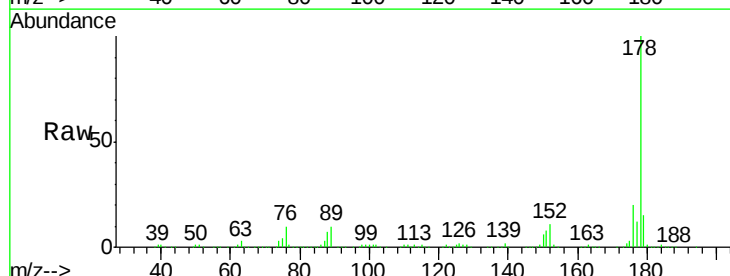


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

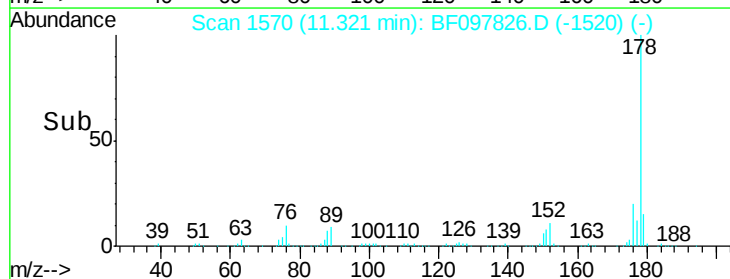
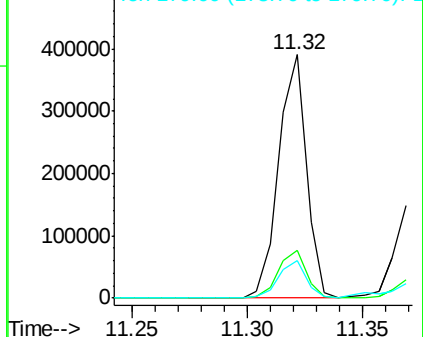


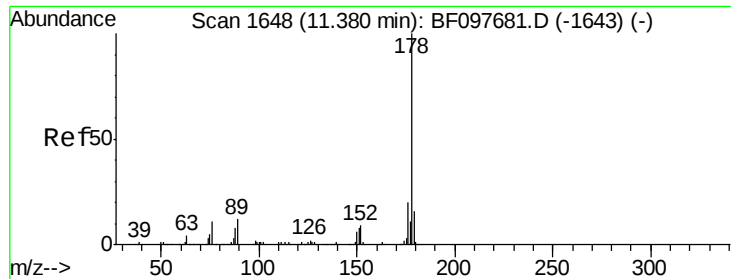
#70
 Phenanthrene
 Concen: 22.204 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF097826.D
 Acq: 18 Aug 2017 10:42

Tgt Ion:178 Resp: 323949
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.2 24.4
 179 15.3 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

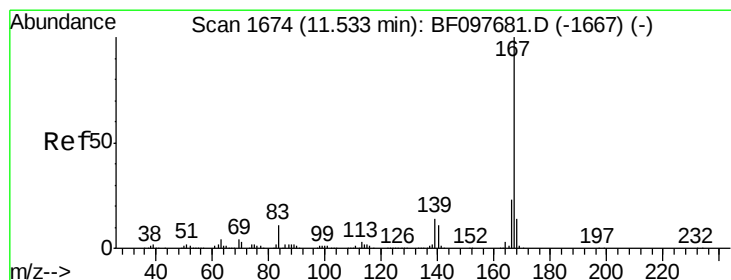
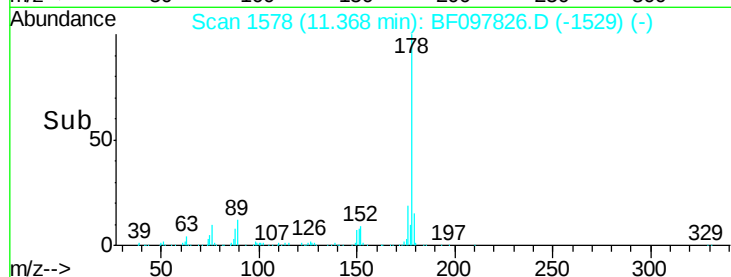
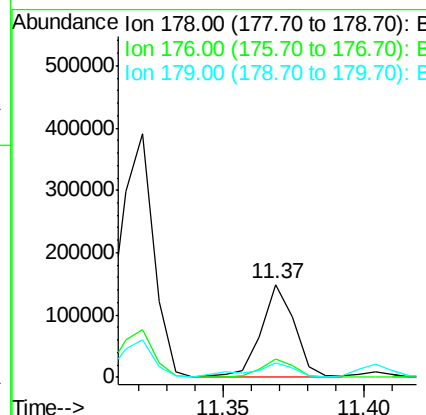
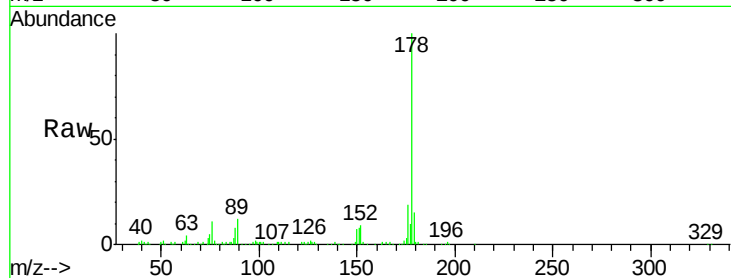




#71
 Anthracene
 Concen: 8.020 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF097826.D
 Acq: 18 Aug 2017 10:42

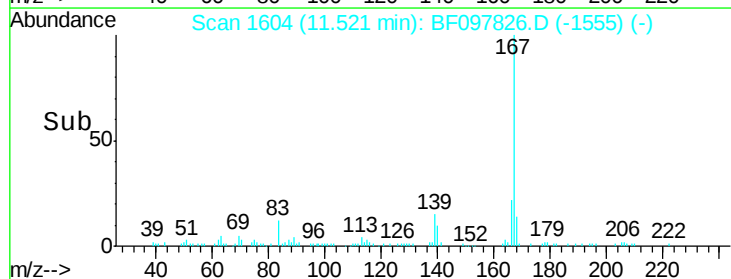
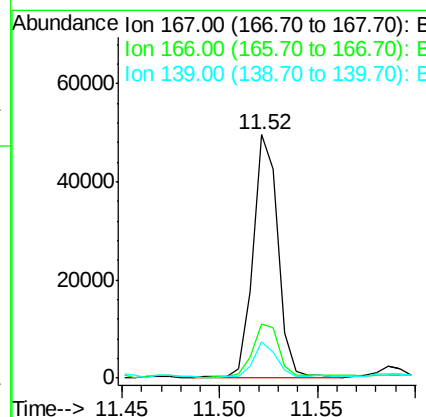
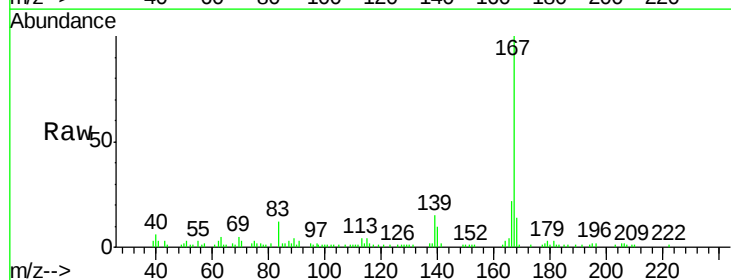
Instrument :
 BNA_F
 ClientSampleId :
 E2-110-ESW

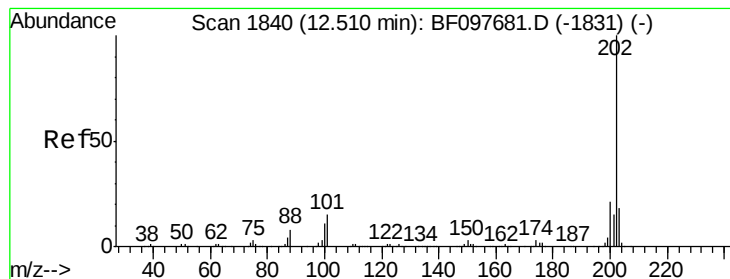
Tgt Ion:178 Resp: 118672
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 15.0 12.7 19.1



#72
 Carbazole
 Concen: 3.144 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF097826.D
 Acq: 18 Aug 2017 10:42

Tgt Ion:167 Resp: 44155
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.1 27.1
 139 15.0 11.7 17.5





#74

Fluoranthene

Concen: 49.135 ng

RT: 12.51 min Scan# 1772

Delta R.T. 0.00 min

Lab File: BF097826.D

Acq: 18 Aug 2017 10:42

Instrument :

BNA_F

ClientSampleId :

E2-110-ESW

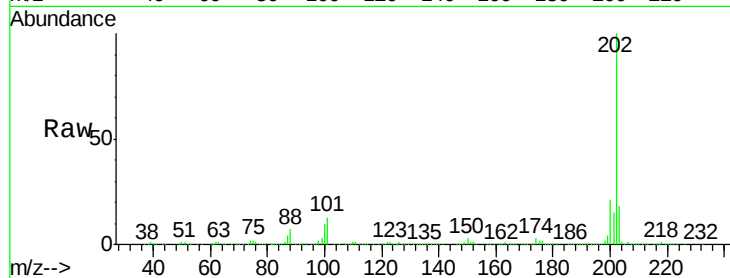
Tgt Ion:202 Resp: 748230

Ion Ratio Lower Upper

202 100

101 13.4 0.0 33.2

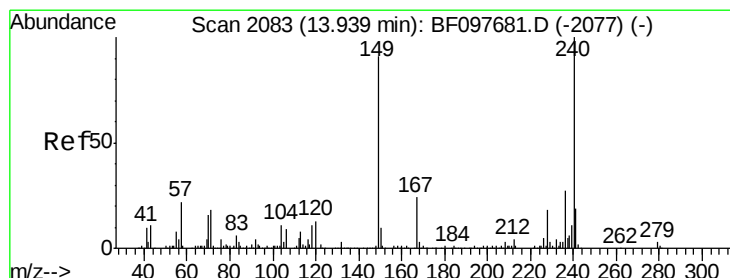
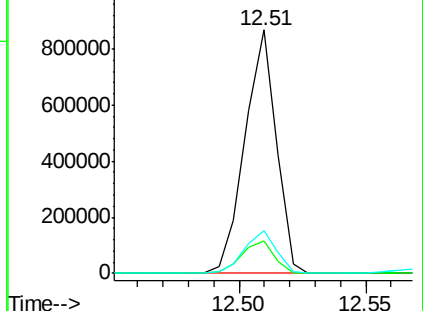
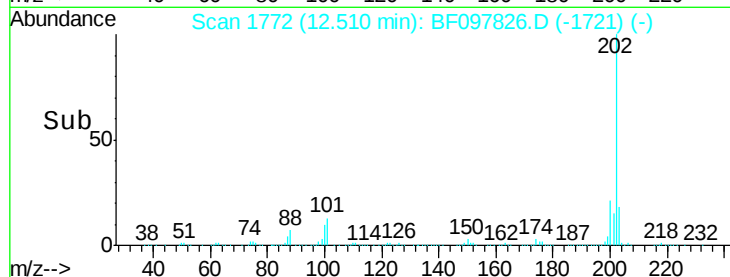
203 17.7 0.0 38.1



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF097826.D

Acq: 18 Aug 2017 10:42

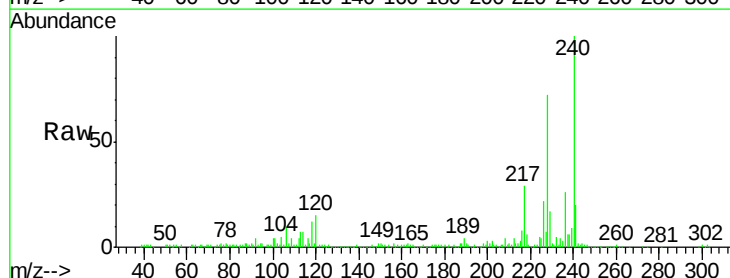
Tgt Ion:240 Resp: 236885

Ion Ratio Lower Upper

240 100

120 14.7 5.8 8.8#

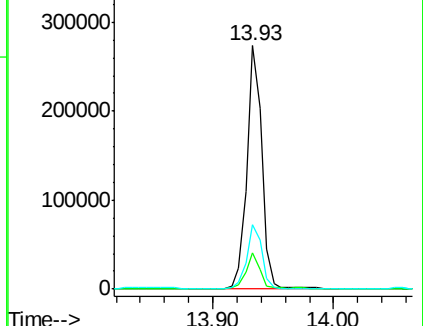
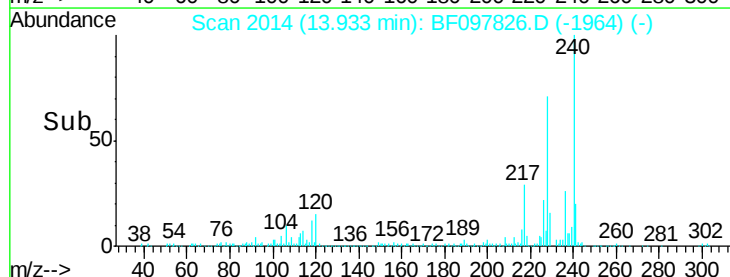
236 26.4 20.5 30.7

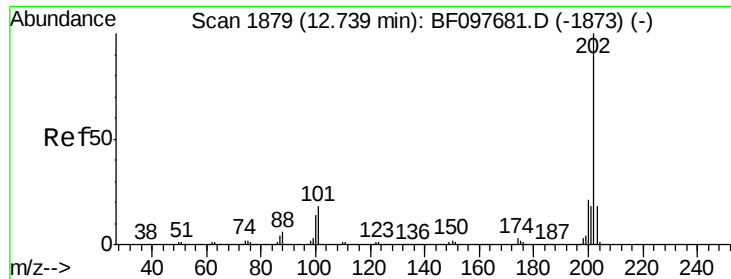


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 43.179 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.00 min

Lab File: BF097826.D

Acq: 18 Aug 2017 10:42

Instrument :

BNA_F

ClientSampleId :

E2-110-ESW

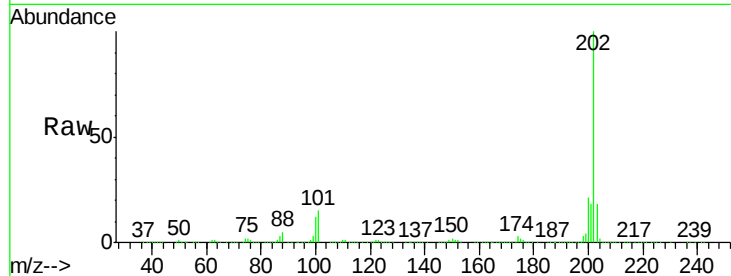
Tgt Ion:202 Resp: 836570

Ion Ratio Lower Upper

202 100

200 20.9 17.6 26.4

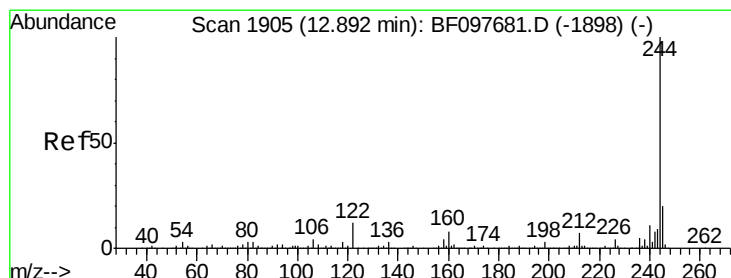
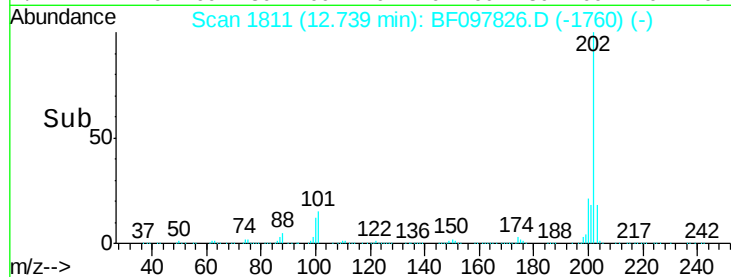
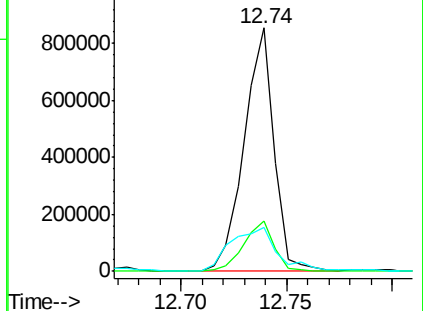
203 18.0 14.4 21.6



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: 54.938 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF097826.D

Acq: 18 Aug 2017 10:42

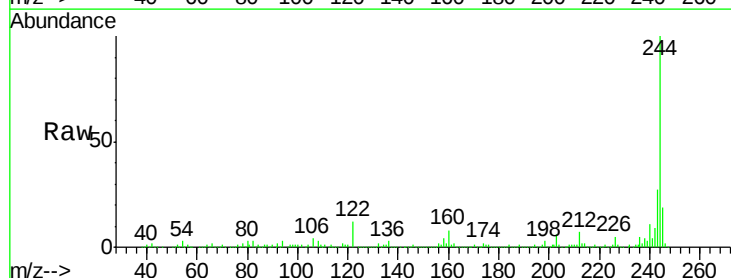
Tgt Ion:244 Resp: 624072

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

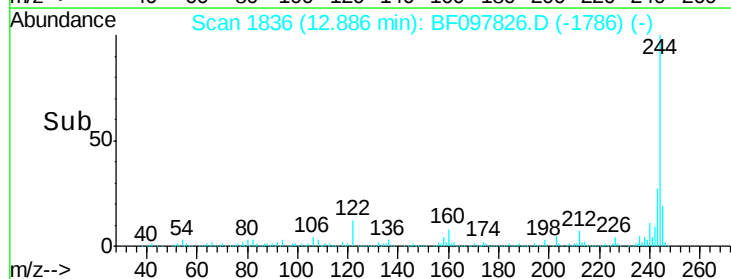
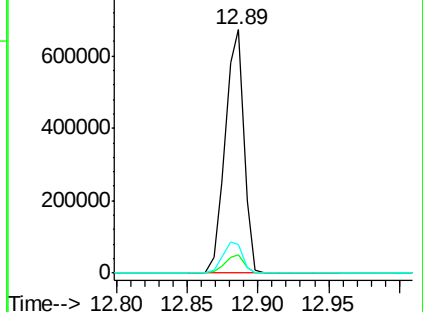
122 12.0 10.3 15.5

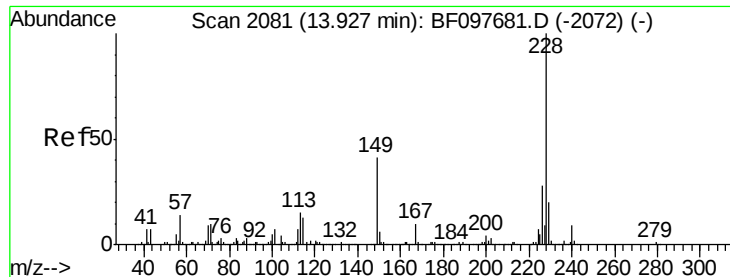


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

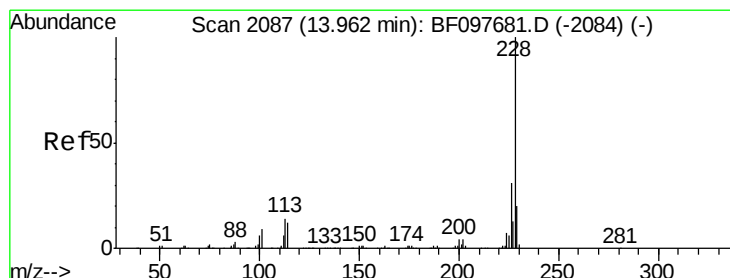
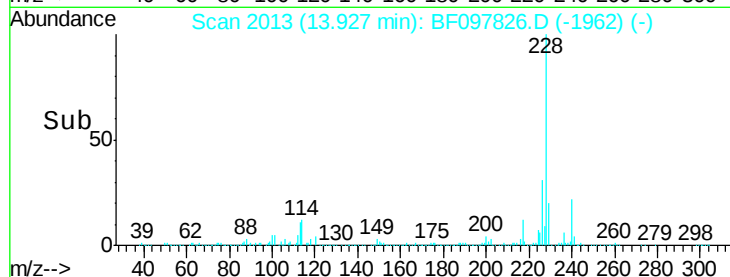
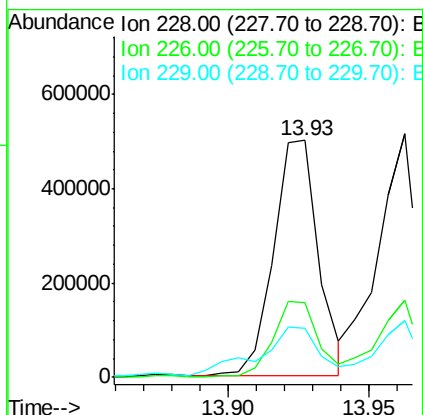
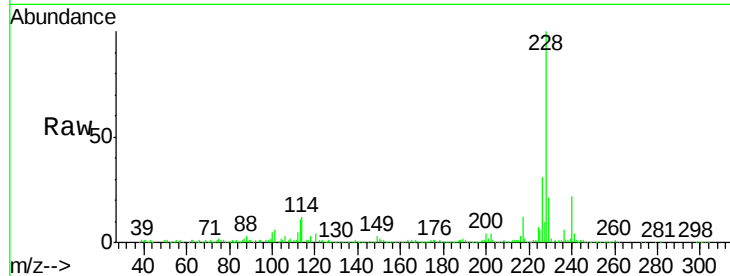




#80
Benzo(a)anthracene
Concen: 38.855 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BF097826.D
Acq: 18 Aug 2017 10:42

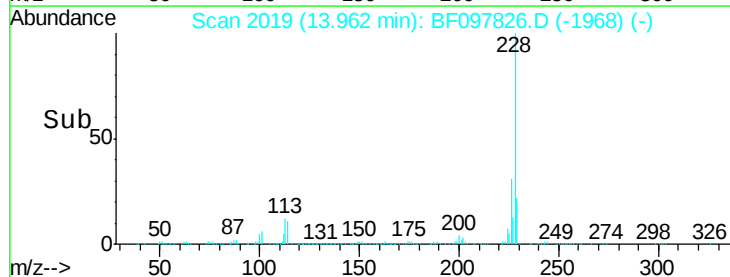
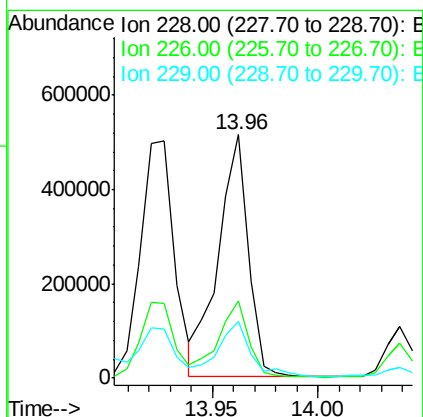
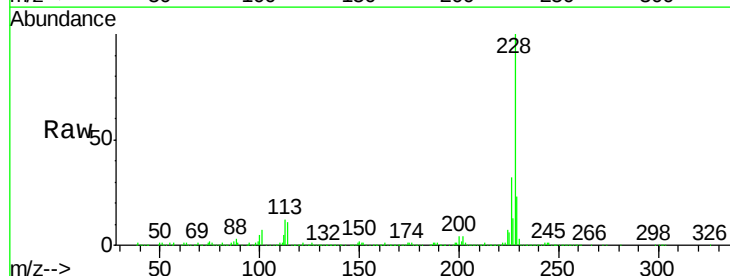
Instrument :
BNA_F
ClientSampleId :
E2-110-ESW

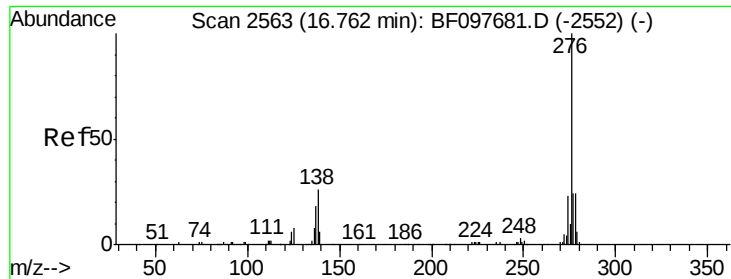
Tgt Ion:228 Resp: 551648
Ion Ratio Lower Upper
228 100
226 31.4 22.6 33.8
229 20.8 16.3 24.5



#82
Chrysene
Concen: 35.769 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF097826.D
Acq: 18 Aug 2017 10:42

Tgt Ion:228 Resp: 505172
Ion Ratio Lower Upper
228 100
226 31.5 24.9 37.3
229 23.1 15.8 23.6

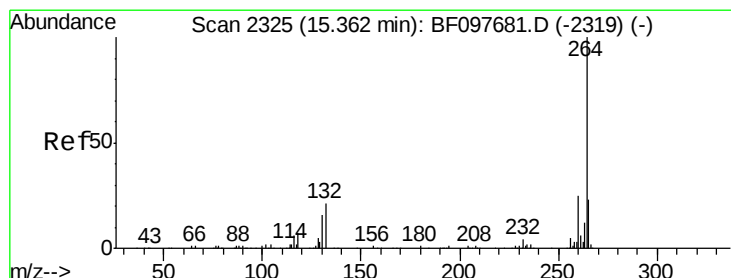
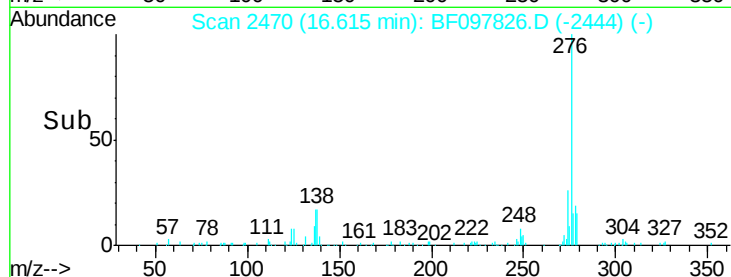
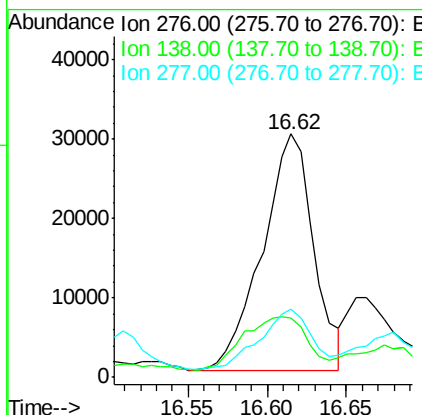
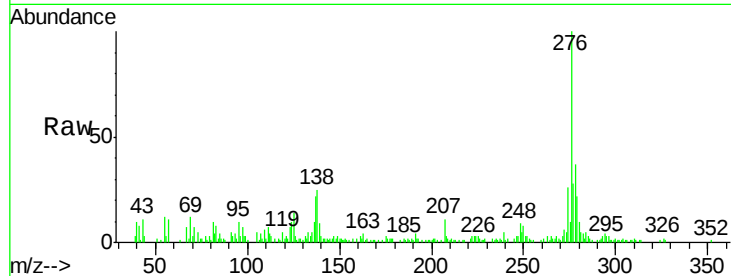




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 6.467 ng
 RT: 16.62 min Scan# 2470
 Delta R.T. -0.15 min
 Lab File: BF097826.D
 Acq: 18 Aug 2017 10:42

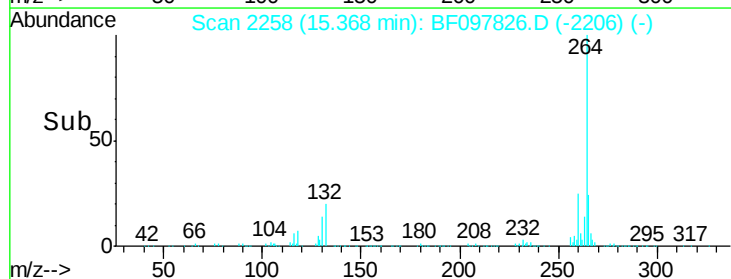
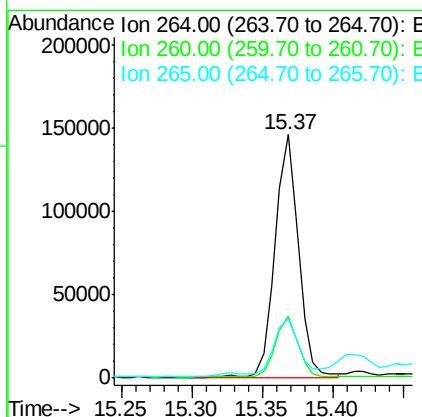
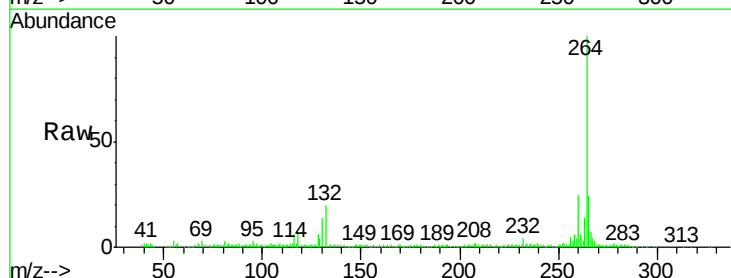
Instrument :
 BNA_F
 ClientSampleId :
 E2-110-ESW

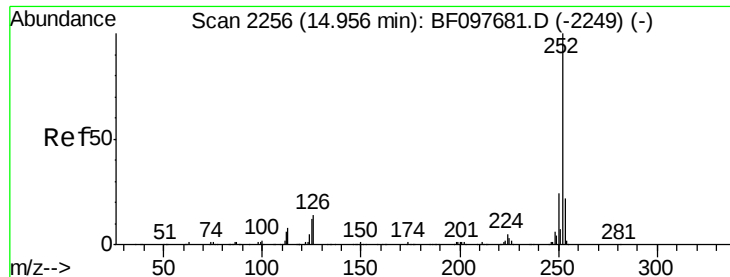
Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.2	27.8	41.6
277	25.3	20.2	30.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.37 min Scan# 2258
 Delta R.T. 0.01 min
 Lab File: BF097826.D
 Acq: 18 Aug 2017 10:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.5	29.3
265	24.1	17.2	25.8

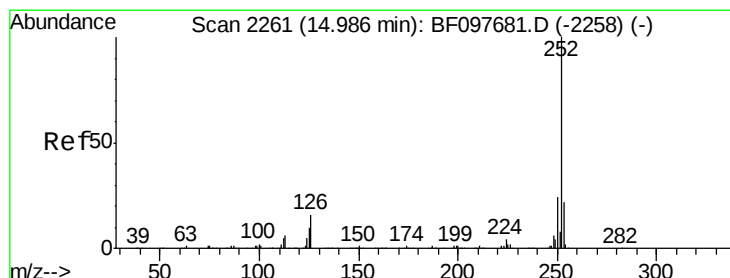
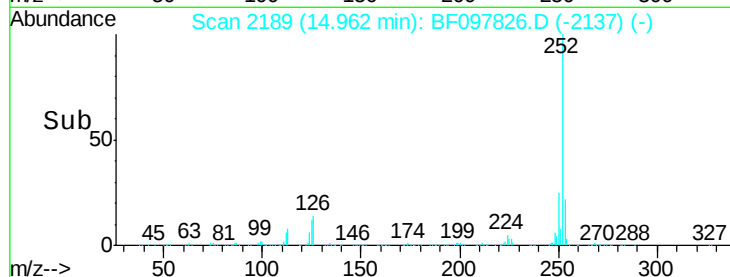
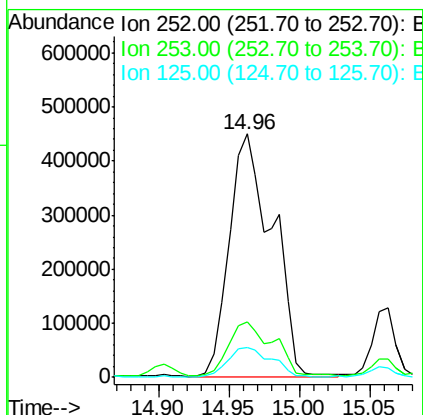
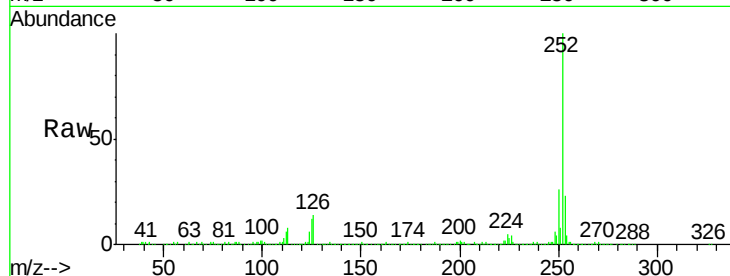




#87
Benzo(b)fluoranthene
Concen: 88.763 ng
RT: 14.96 min Scan# 2189
Delta R.T. 0.01 min
Lab File: BF097826.D
Acq: 18 Aug 2017 10:42

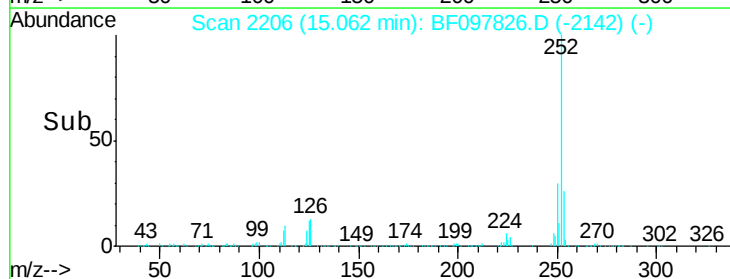
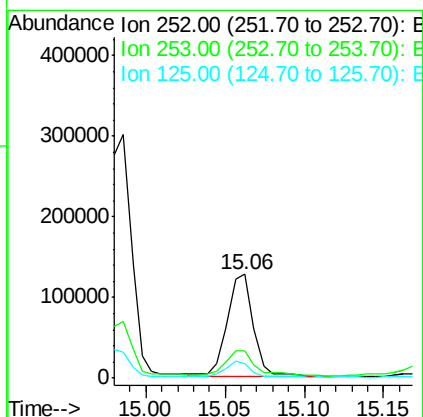
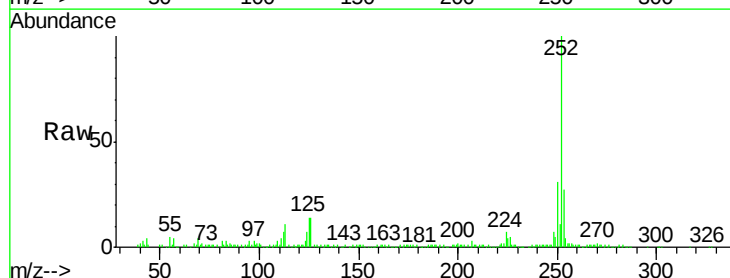
Instrument :
BNA_F
ClientSampleId :
E2-110-ESW

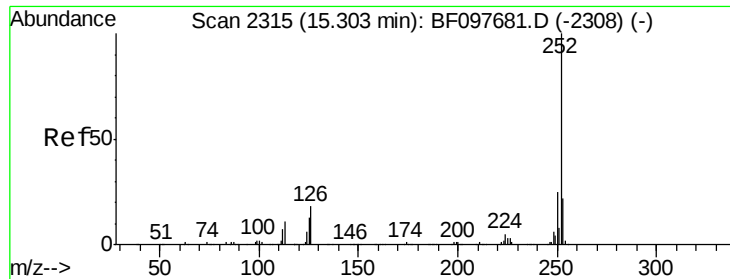
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	12.3	9.8	14.8



#88
Benzo(k)fluoranthene
Concen: 14.217 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.08 min
Lab File: BF097826.D
Acq: 18 Aug 2017 10:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.9	18.4	27.6
125	13.7	13.1	19.7

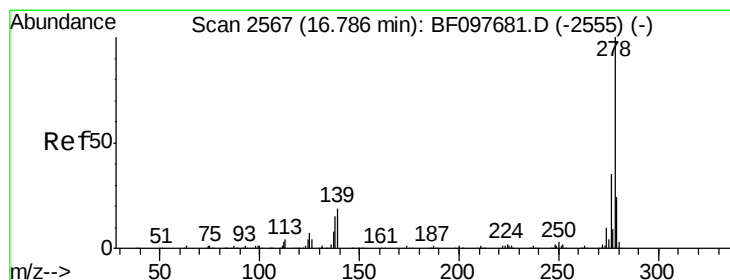
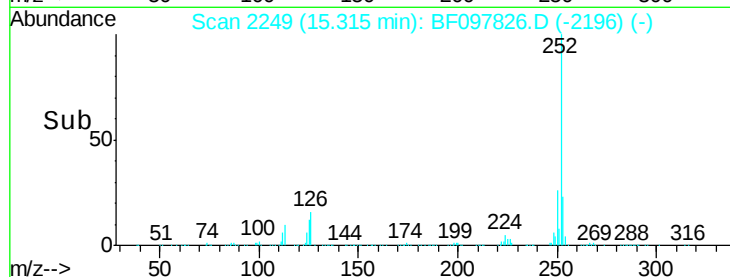
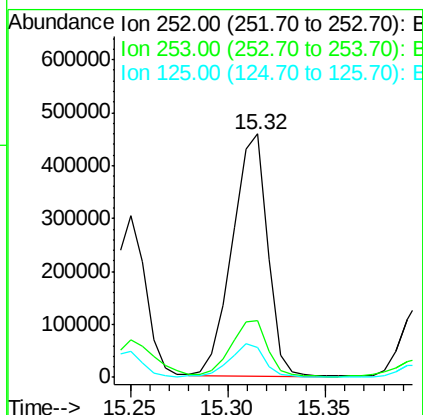
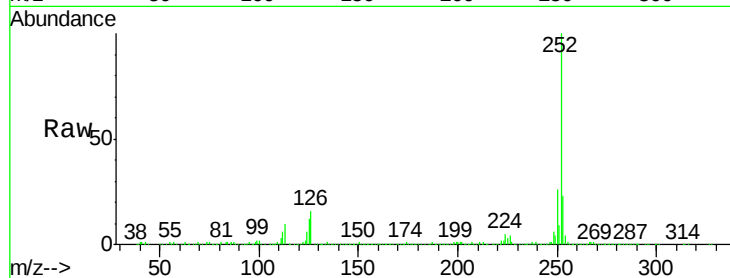




#89
Benzo(a)pyrene
Concen: 60.471 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF097826.D
Acq: 18 Aug 2017 10:42

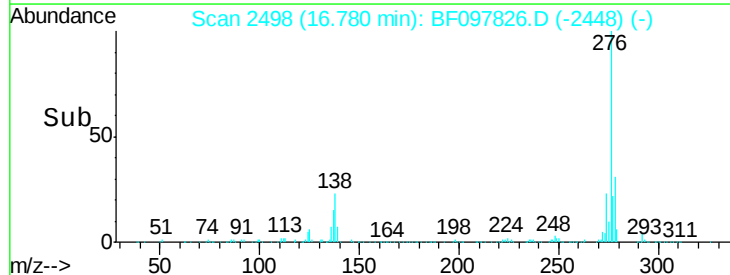
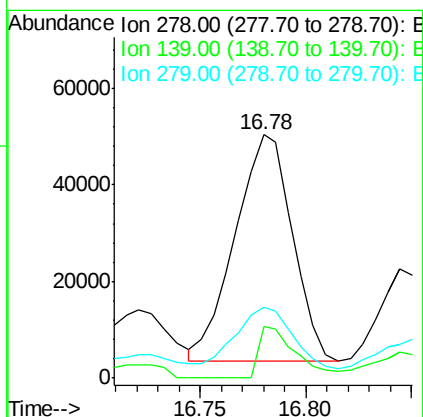
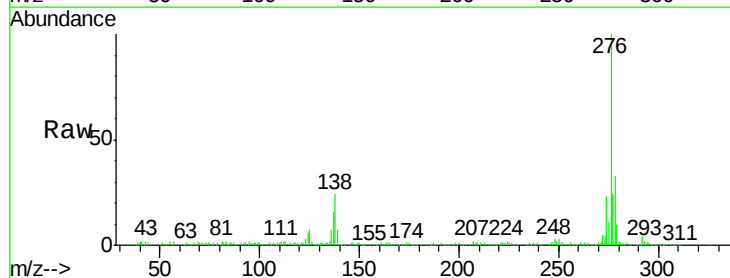
Instrument :
BNA_F
ClientSampleId :
E2-110-ESW

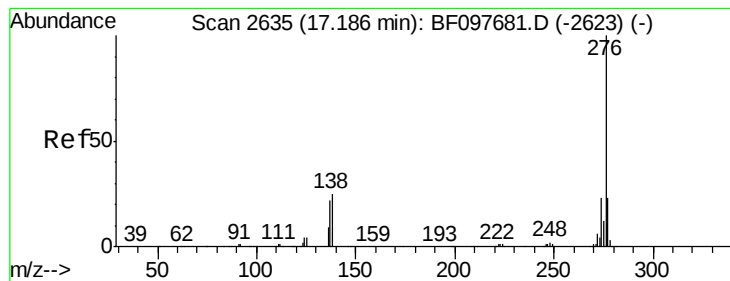
Tgt Ion:252 Resp: 576561
Ion Ratio Lower Upper
252 100
253 23.3 17.5 26.3
125 12.1 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 11.328 ng
RT: 16.78 min Scan# 2498
Delta R.T. -0.01 min
Lab File: BF097826.D
Acq: 18 Aug 2017 10:42

Tgt Ion:278 Resp: 87926
Ion Ratio Lower Upper
278 100
139 21.2 16.6 24.8
279 28.9 19.3 28.9





#91

Benzo(g,h,i)perylene

Concen: 41.719 ng

RT: 17.20 min Scan# 2569

Delta R.T. 0.01 min

Lab File: BF097826.D

Acq: 18 Aug 2017 10:42

Instrument :

BNA_F

ClientSampleId :

E2-110-ESW

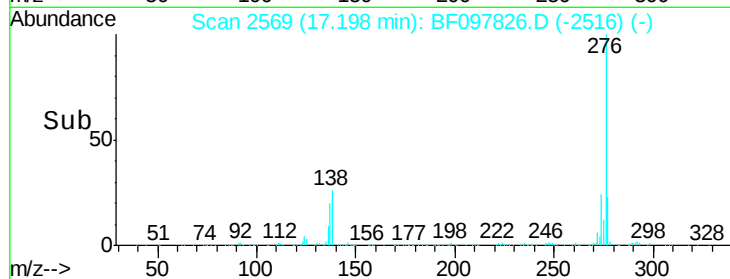
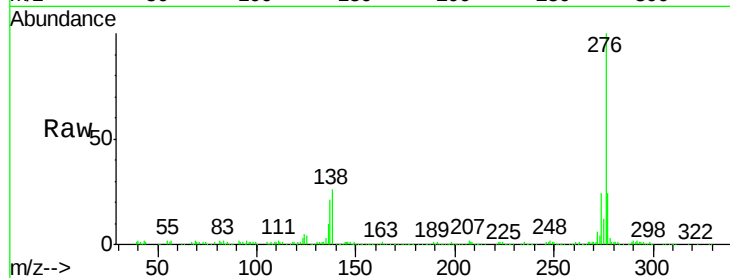
Tgt Ion: 276 Resp: 337891

Ion Ratio Lower Upper

276 100

277 24.2 18.6 28.0

138 25.9 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

17.20

150000

100000

50000

0

Time-->