

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082117\
 Data File : BF097944.D
 Acq On : 22 Aug 2017 9:54
 Operator : SJ/JU
 Sample : I4872-10DL 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-COMPDL

Quant Time: Aug 22 12:07:49 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	102692	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	378441	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	142828	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	250291	20.00	ng	0.00
75) Chrysene-d12	13.90	240	204726	20.00	ng	0.00
86) Perylene-d12	15.32	264	152500	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	156266	23.15	ng	0.00
7) Phenol-d6	6.37	99	209229	22.81	ng	-0.01
23) Nitrobenzene-d5	7.30	82	111244	15.97	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	23717	19.14	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	144275	14.84	ng	0.00
78) Terphenyl-d14	12.85	244	102579	10.45	ng	0.00

Target Compounds

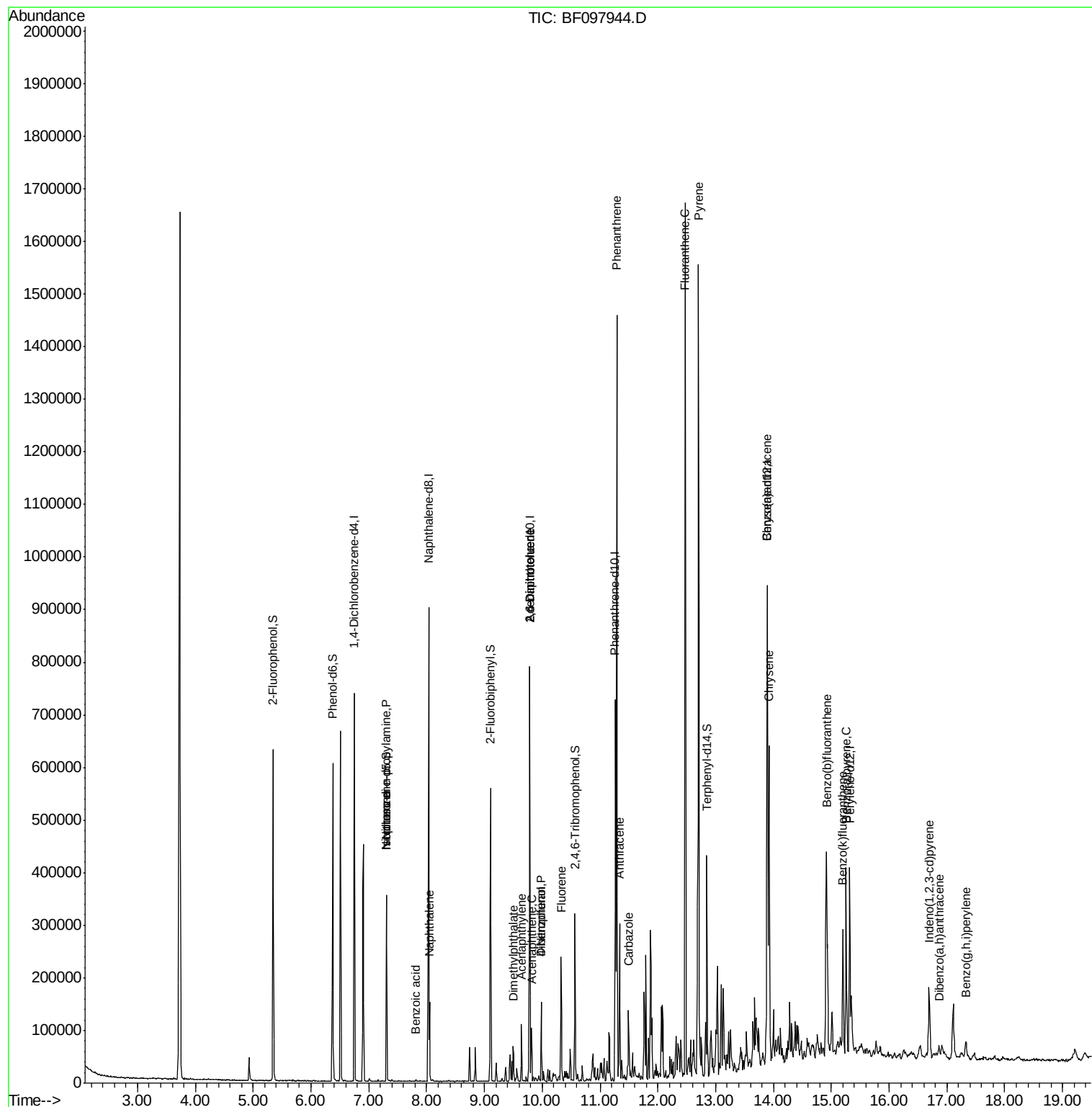
						Qvalue
19) n-Nitroso-di-n-propylamine	7.30	70	14500	2.309	ng	# 74
25) Isophorone	7.30	82	108863	7.515	ng	# 67
31) Naphthalene	8.05	128	53024	2.699	ng	# 98
32) Benzoic acid	7.82	122	312	6.466	ng	# 26
48) Acenaphthylene	9.65	152	43472	2.877	ng	# 99
49) Dimethylphthalate	9.50	163	21997	2.107	ng	# 96
50) 2,6-Dinitrotoluene	9.78	165	19431	9.324	ng	# 34
51) Acenaphthene	9.82	154	20157	2.115	ng	# 94
54) Dibenzofuran	9.99	168	43392	3.397	ng	# 99
55) 4-Nitrophenol	9.99	139	16682	7.778	ng	# 27
56) 2,4-Dinitrotoluene	9.78	165	19431	7.430	ng	# 33
57) Fluorene	10.33	166	55292	5.599	ng	# 98
70) Phenanthrene	11.29	178	536135	40.198	ng	# 99
71) Anthracene	11.34	178	97642	7.218	ng	# 98
72) Carbazole	11.49	167	44867	3.494	ng	# 99
74) Fluoranthene	12.47	202	648238	46.565	ng	# 98
77) Pyrene	12.70	202	605233	36.146	ng	# 99
80) Benzo(a)anthracene	13.89	228	220365	17.960	ng	# 94
82) Chrysene	13.92	228	206822	16.944	ng	# 97
85) Indeno(1,2,3-cd)pyrene	16.69	276	81499	9.077	ng	# 88
87) Benzo(b)fluoranthene	14.92	252	276333	28.747	ng	# 98
88) Benzo(k)fluoranthene	15.20	252	98468	10.903	ng	# 98
89) Benzo(a)pyrene	15.26	252	156946	18.443	ng	# 96
90) Dibenzo(a,h)anthracene	16.86	278	15009	2.166	ng	# 93
91) Benzo(g,h,i)perylene	17.33	276	24168	3.343	ng	# 94

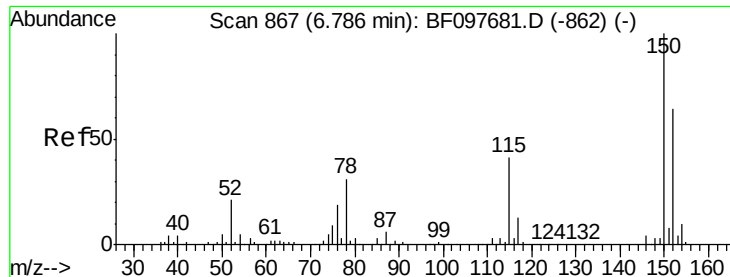
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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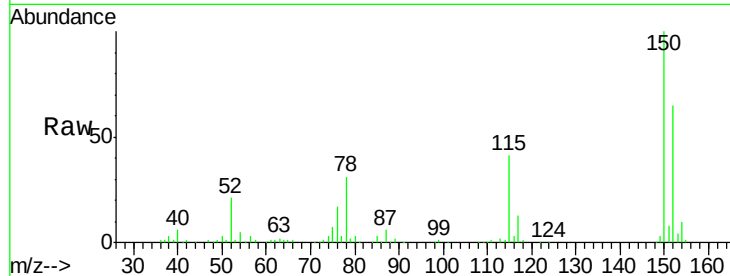


#1

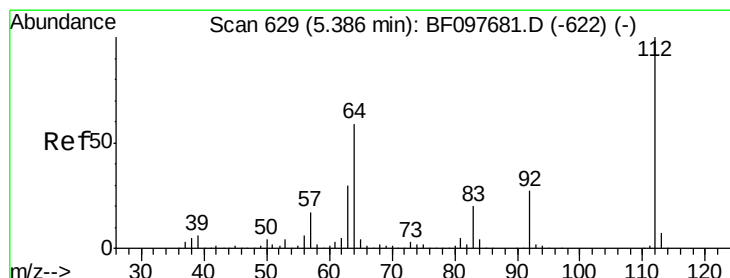
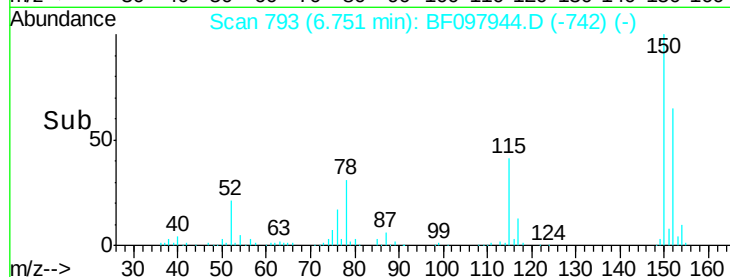
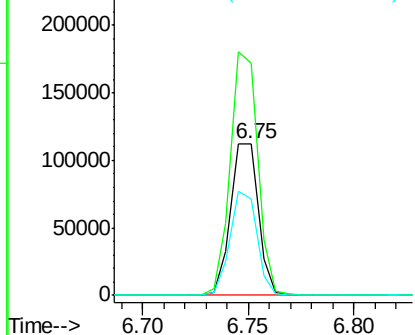
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF097944.D
 Acq: 22 Aug 2017 9:54

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-COMPDL

Tgt Ion:152 Resp: 102692
 Ion Ratio Lower Upper
 152 100
 150 153.1 126.2 189.2
 115 63.5 52.2 78.2



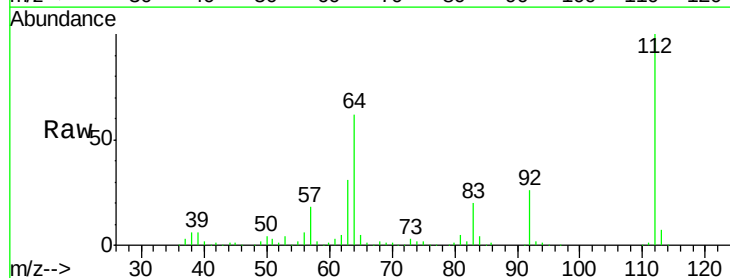
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



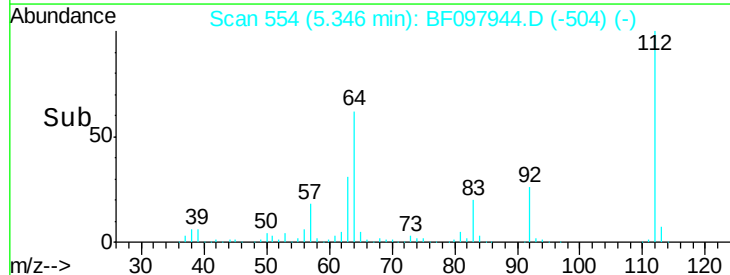
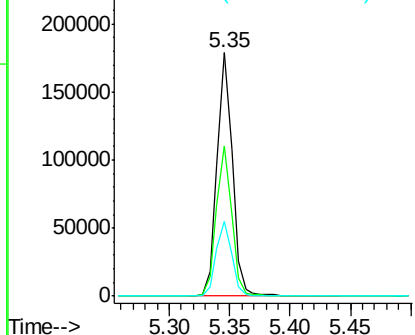
#5

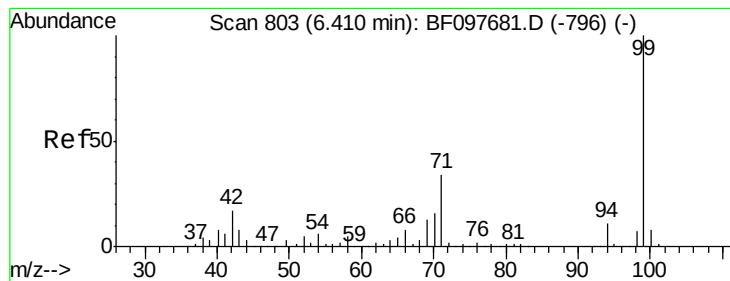
2-Fluorophenol
 Concen: 23.146 ng
 RT: 5.35 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF097944.D
 Acq: 22 Aug 2017 9:54

Tgt Ion:112 Resp: 156266
 Ion Ratio Lower Upper
 112 100
 64 61.6 46.0 69.0
 63 30.8 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: 22.809 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF097944.D

Acq: 22 Aug 2017 9:54

Instrument :

BNA_F

ClientSampleId :

SB-12-COMPDL

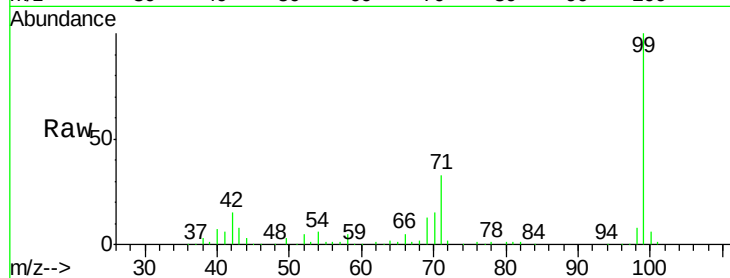
Tgt Ion: 99 Resp: 209229

Ion Ratio Lower Upper

99 100

42 15.2 13.5 20.3

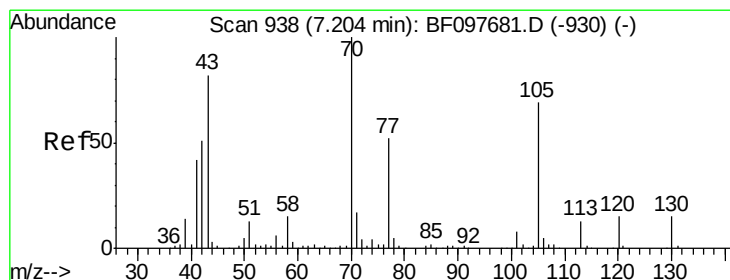
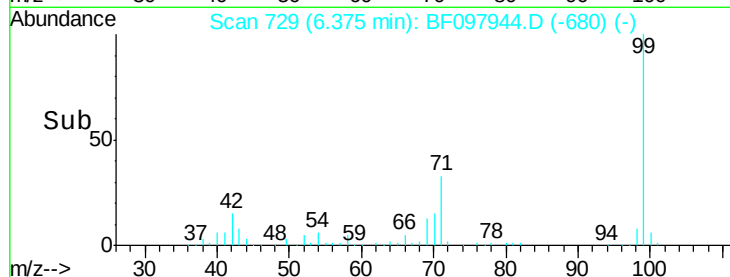
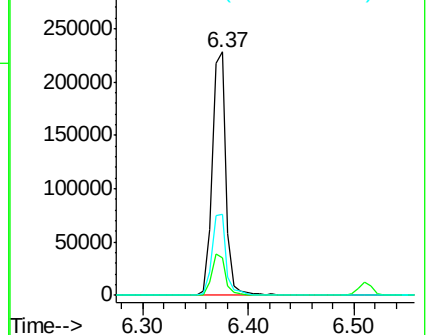
71 33.3 24.5 36.7



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: 2.309 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.13 min

Lab File: BF097944.D

Acq: 22 Aug 2017 9:54

Tgt Ion: 70 Resp: 14500

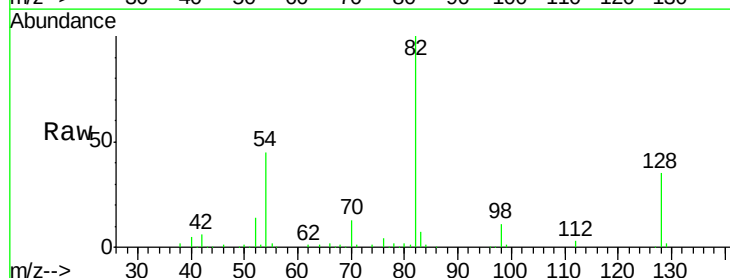
Ion Ratio Lower Upper

70 100

42 43.5 47.2 70.8#

101 0.0 7.2 10.8#

130 0.0 15.9 23.9#

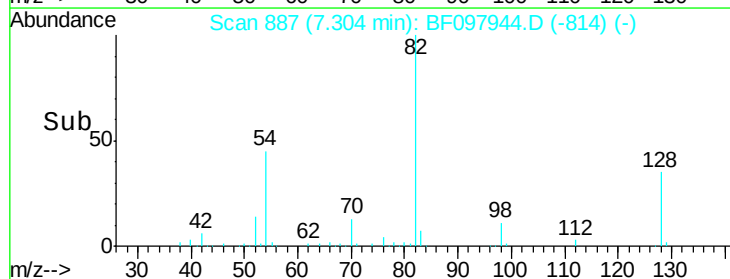
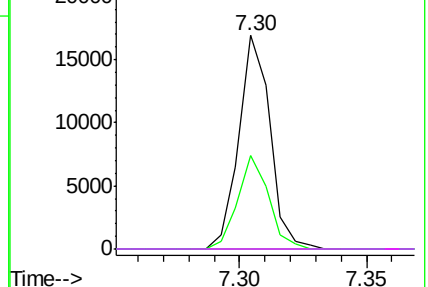


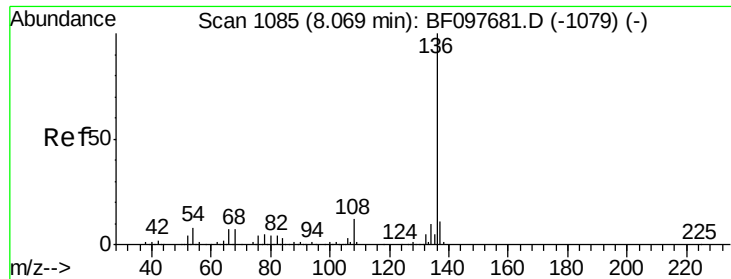
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

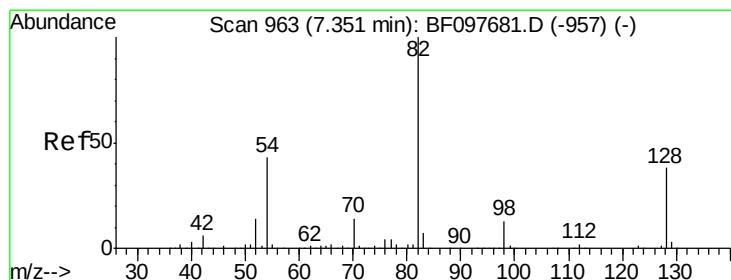
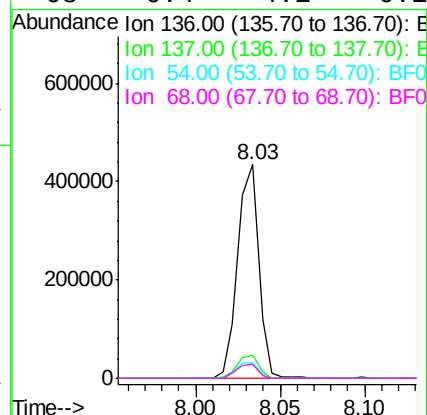
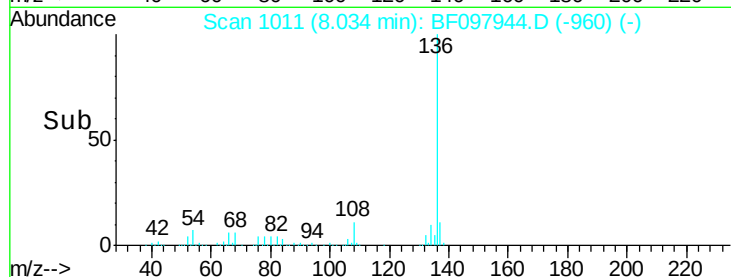
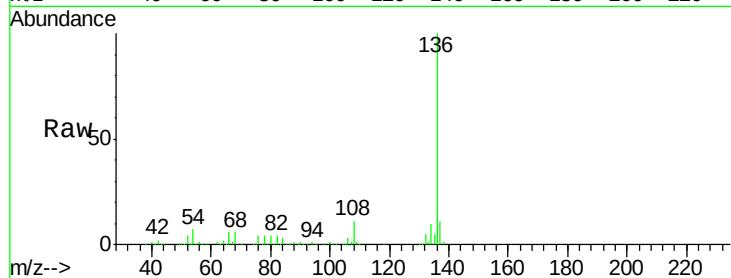




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF097944.D
Acq: 22 Aug 2017 9:54

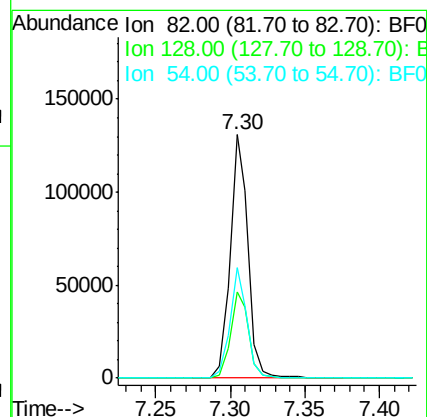
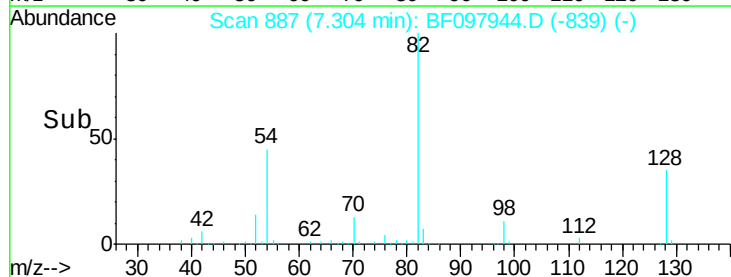
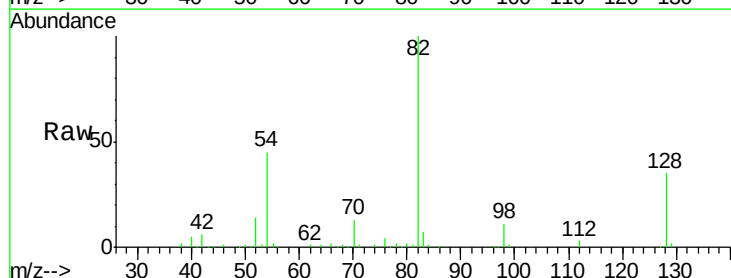
Instrument :
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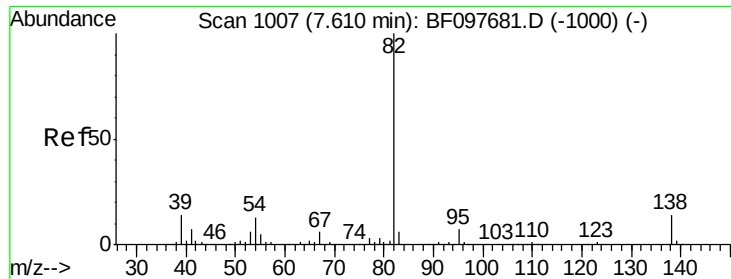
Tgt Ion:	136	Resp:	378441
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	7.2	4.9	7.3
68	6.4	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 15.969 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF097944.D
Acq: 22 Aug 2017 9:54

Tgt Ion:	82	Resp:	111244
Ion	Ratio	Lower	Upper
82	100		
128	35.4	34.0	51.0
54	45.4	42.2	63.2





#25

Isophorone

Concen: 7.515 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.28 min

Lab File: BF097944.D

Acq: 22 Aug 2017 9:54

Instrument :

BNA_F

ClientSampleId :

SB-12-COMPDL

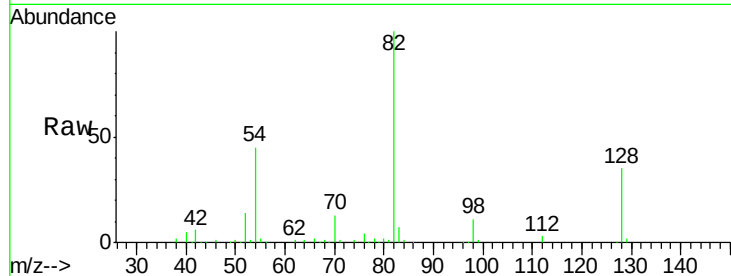
Tgt Ion: 82 Resp: 108863

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

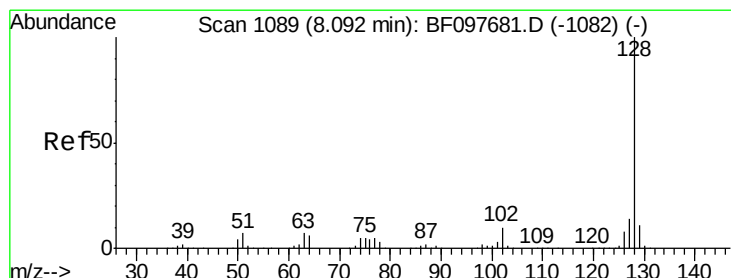
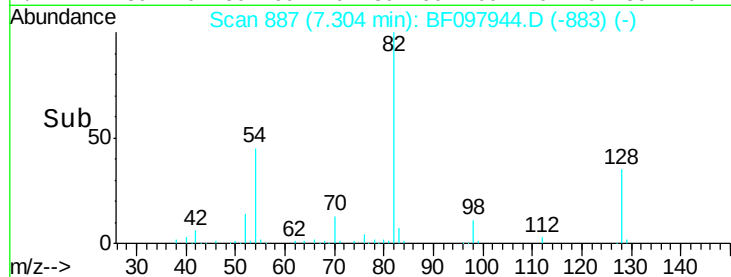
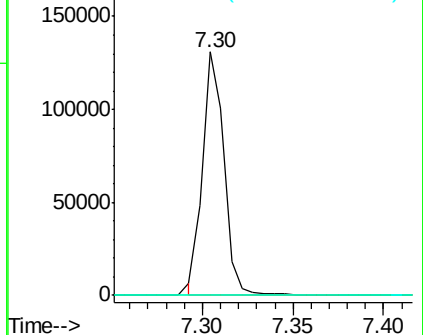
138 0.0 13.1 19.7#



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: 2.699 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF097944.D

Acq: 22 Aug 2017 9:54

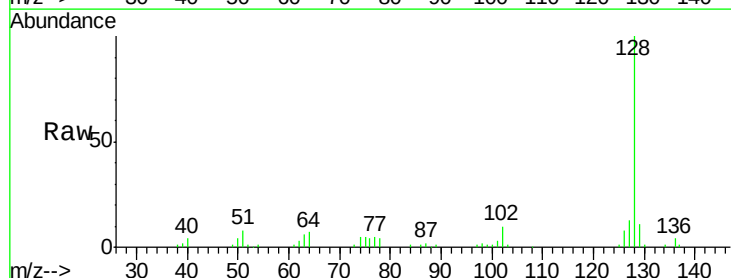
Tgt Ion: 128 Resp: 53024

Ion Ratio Lower Upper

128 100

129 10.6 9.0 13.6

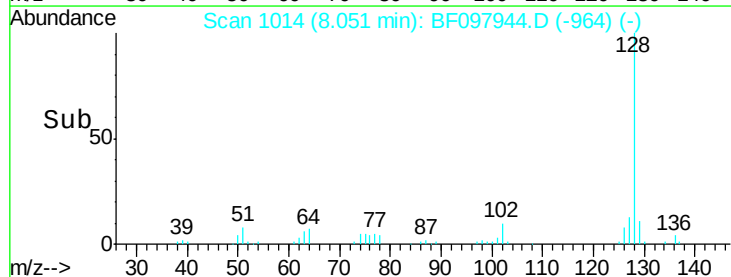
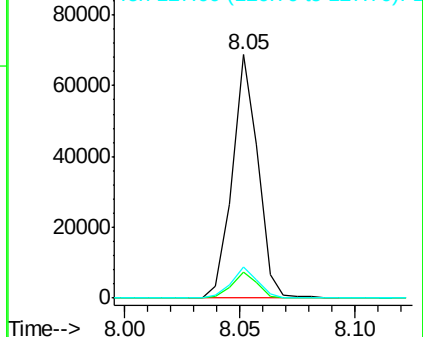
127 13.0 10.8 16.2

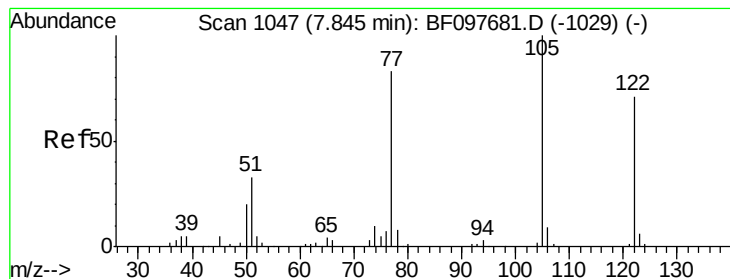


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 6.466 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.02 min

Lab File: BF097944.D

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SB-12-COMPDL

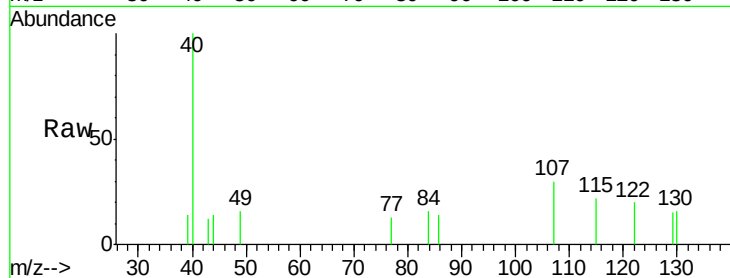
Tgt Ion:122 Resp: 312

Ion Ratio Lower Upper

122 100

105 0.0 103.3 143.3#

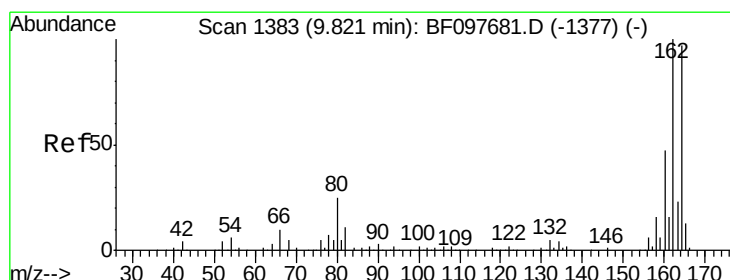
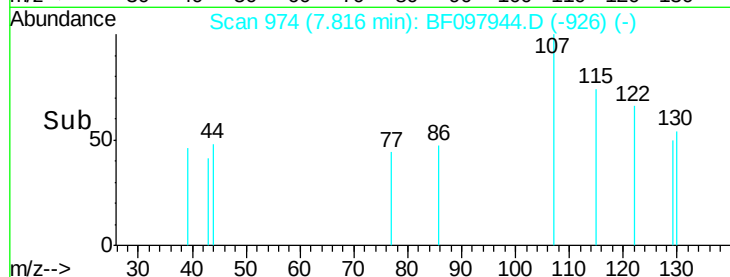
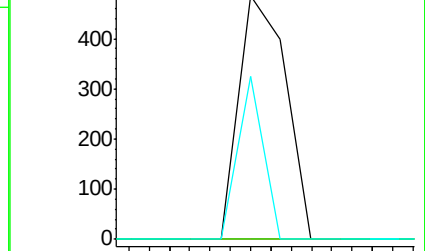
77 66.9 73.7 113.7#



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: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF097944.D

Acq: 22 Aug 2017 9:54

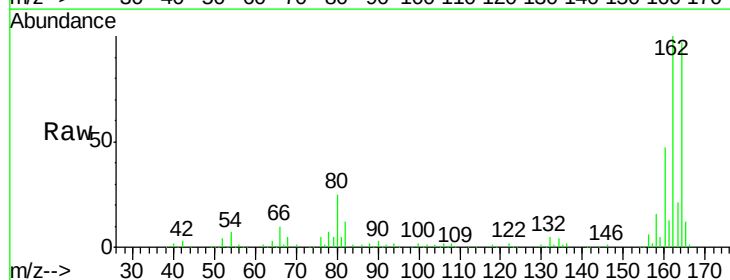
Tgt Ion:164 Resp: 142828

Ion Ratio Lower Upper

164 100

162 103.2 82.6 123.8

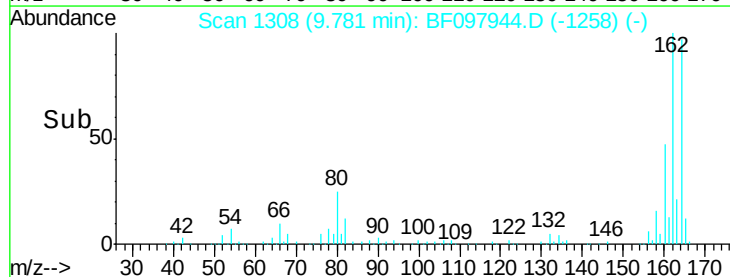
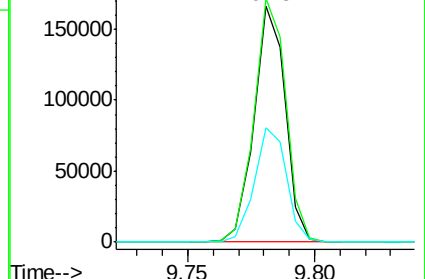
160 48.6 36.2 54.2

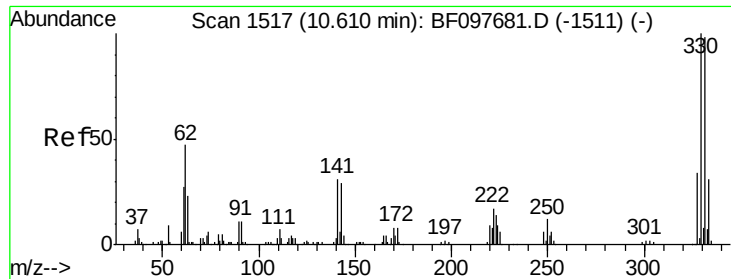


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

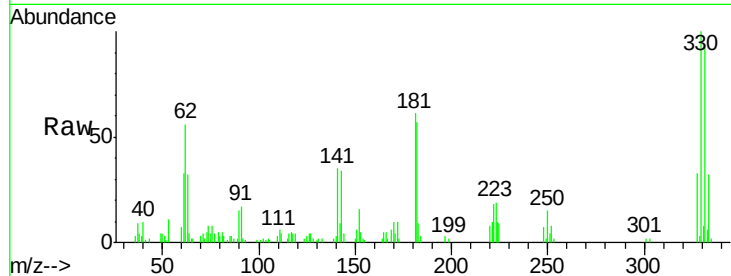




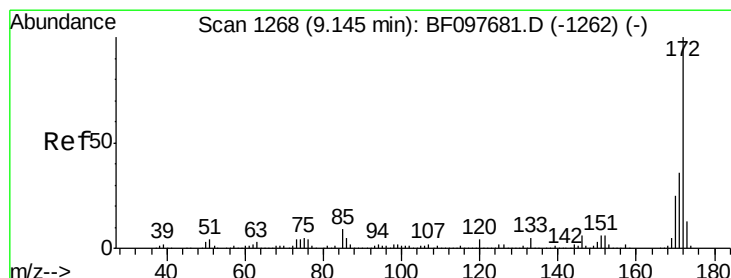
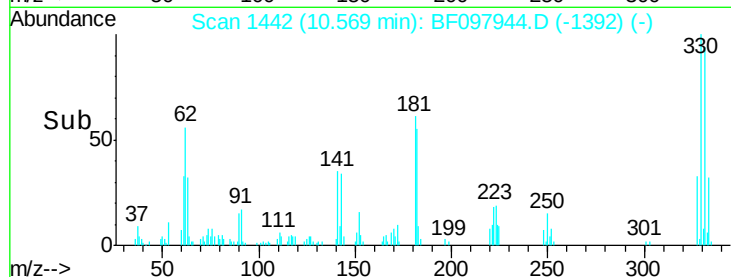
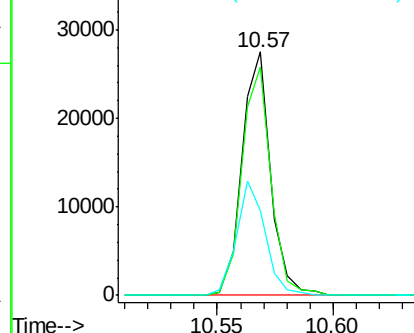
#41
 2,4,6-Tribromophenol
 Concen: 19.138 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF097944.D
 Acq: 22 Aug 2017 9:54

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-COMPDL

Tgt Ion: 330 Resp: 23717
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.6 115.0
 141 46.9 31.4 47.2

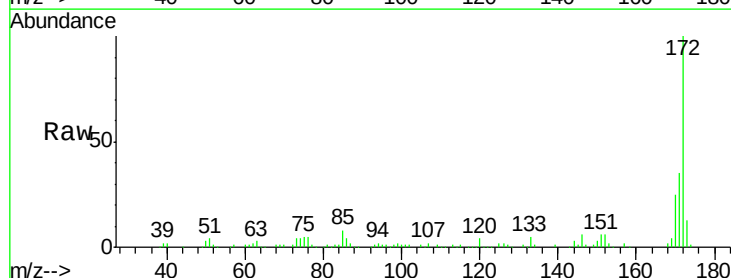


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

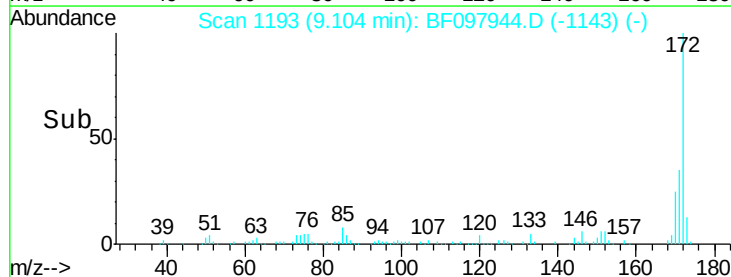
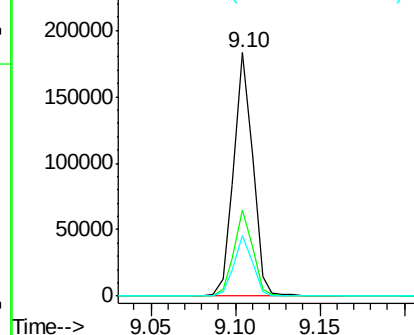


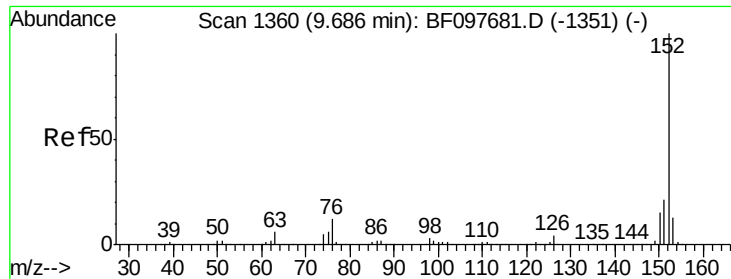
#44
 2-Fluorobiphenyl
 Concen: 14.841 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF097944.D
 Acq: 22 Aug 2017 9:54

Tgt Ion: 172 Resp: 144275
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.6 44.4
 170 24.8 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: 2.877 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF097944.D

Acq: 22 Aug 2017 9:54

Instrument :

BNA_F

ClientSampleId :

SB-12-COMPDL

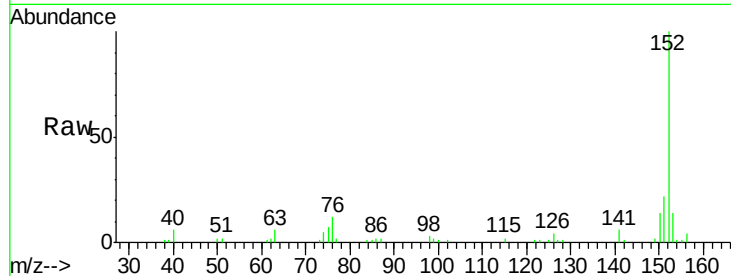
Tgt Ion:152 Resp: 43472

Ion Ratio Lower Upper

152 100

151 21.5 16.8 25.2

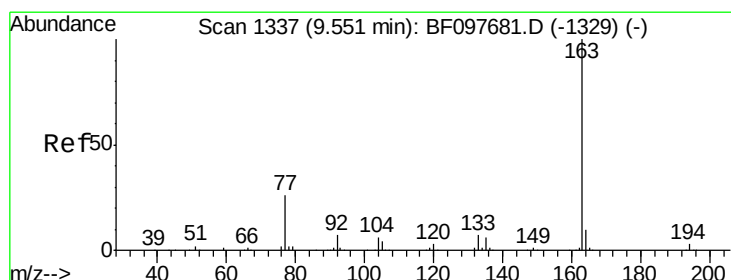
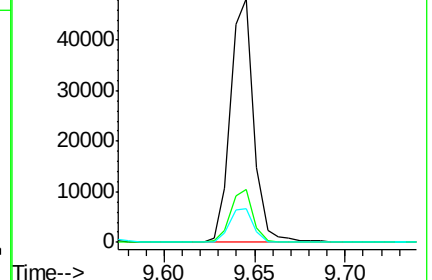
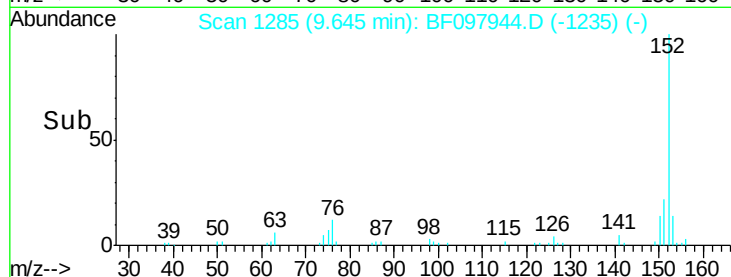
153 13.7 10.8 16.2



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: 2.107 ng

RT: 9.50 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BF097944.D

Acq: 22 Aug 2017 9:54

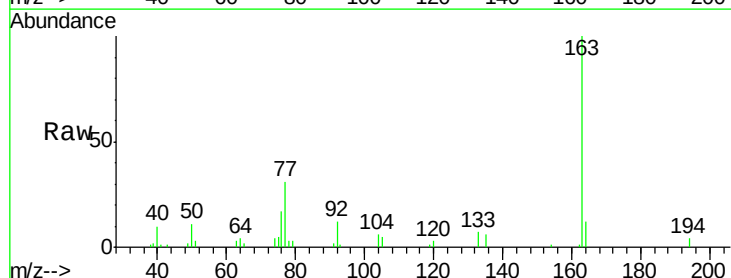
Tgt Ion:163 Resp: 21997

Ion Ratio Lower Upper

163 100

194 4.1 2.6 4.0#

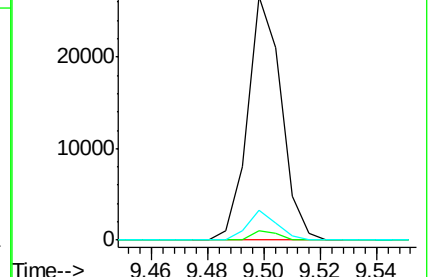
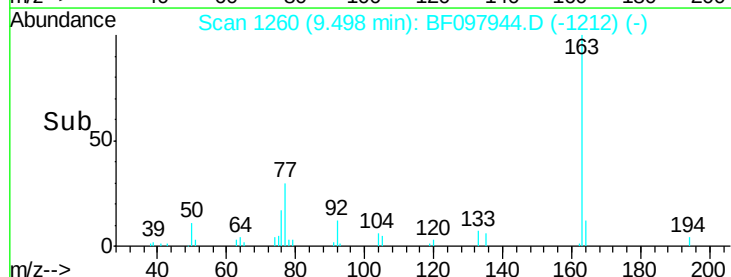
164 12.2 8.4 12.6

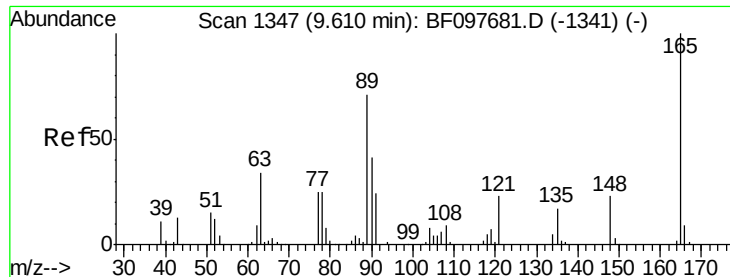


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

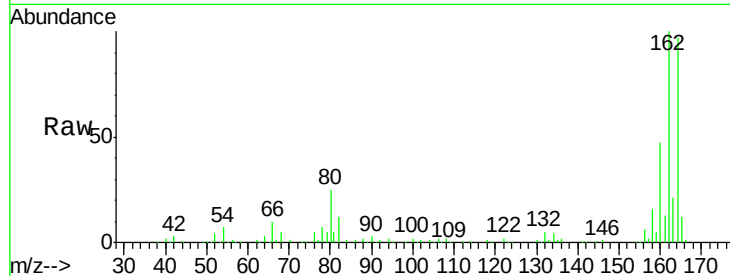




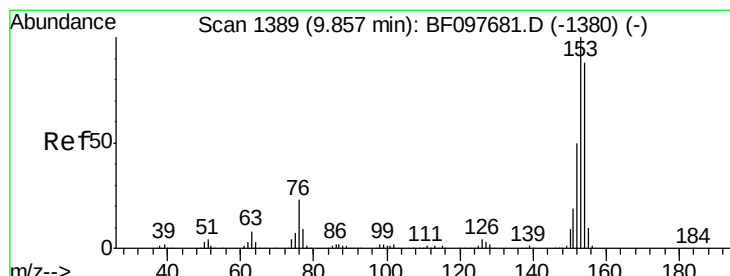
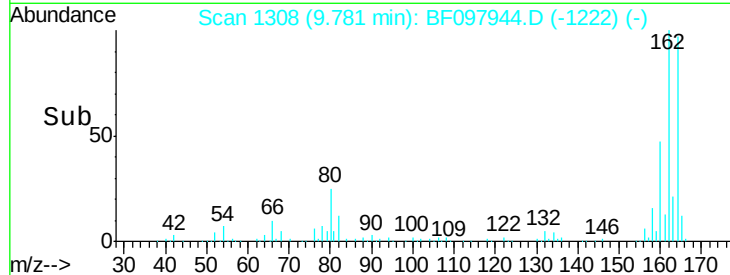
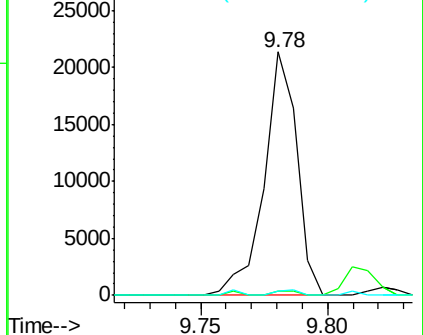
#50
 2,6-Dinitrotoluene
 Concen: 9.324 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. 0.21 min
 Lab File: BF097944.D
 Acq: 22 Aug 2017 9:54

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-COMPDL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	34.3	51.5#
89	1.6	37.1	55.7#

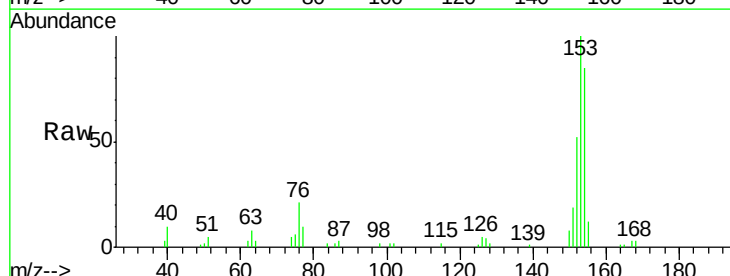


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

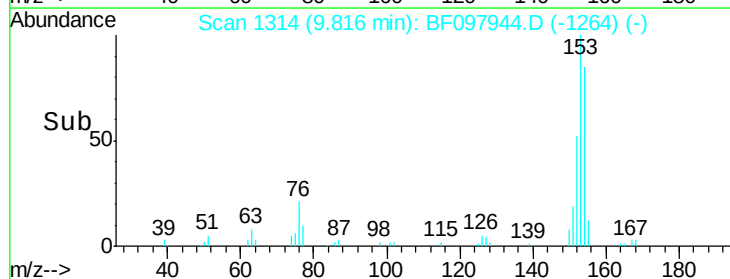
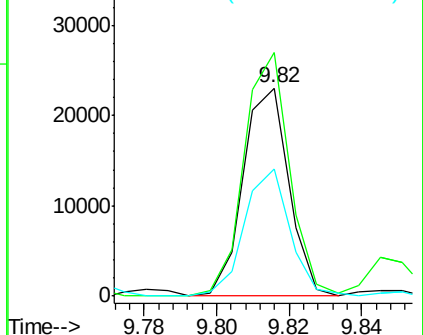


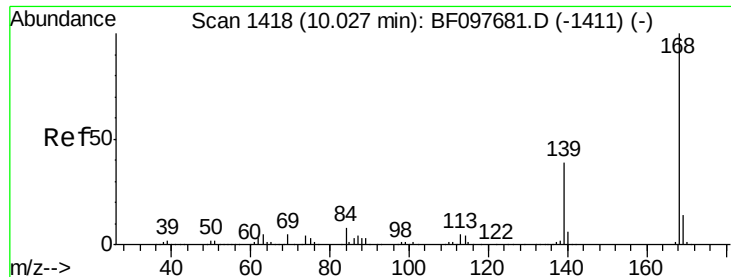
#51
 Acenaphthene
 Concen: 2.115 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF097944.D
 Acq: 22 Aug 2017 9:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	117.2	90.5	135.7
152	61.1	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

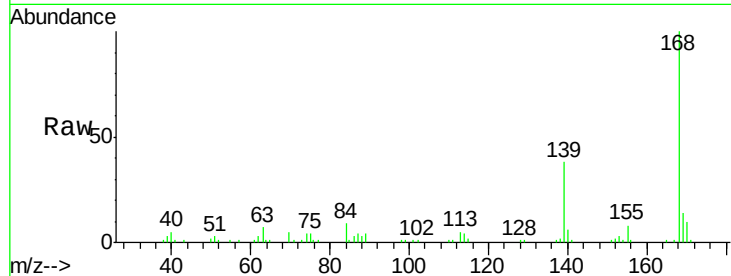




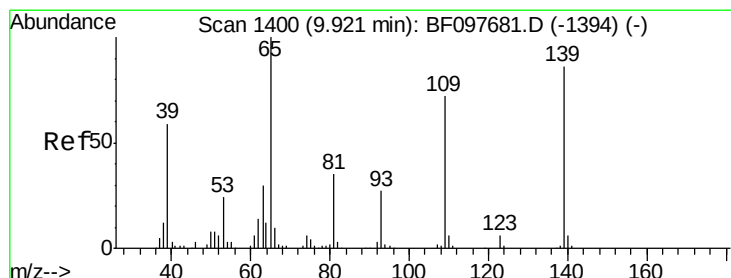
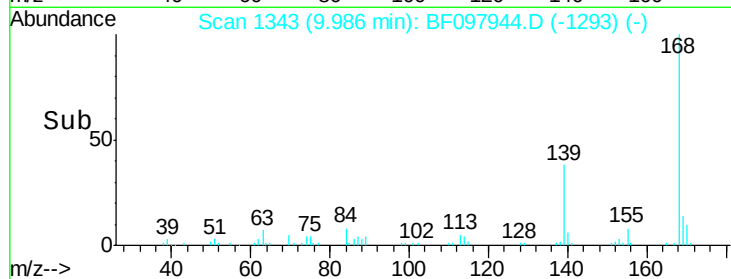
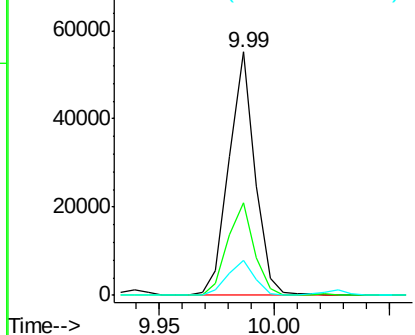
#54
Dibenzenofuran
Concen: 3.397 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF097944.D
Acq: 22 Aug 2017 9:54

Instrument :
BNA_F
ClientSampleId :
SB-12-COMPDL

Tgt Ion:168 Resp: 43392
Ion Ratio Lower Upper
168 100
139 38.3 30.6 45.8
169 14.3 10.8 16.2

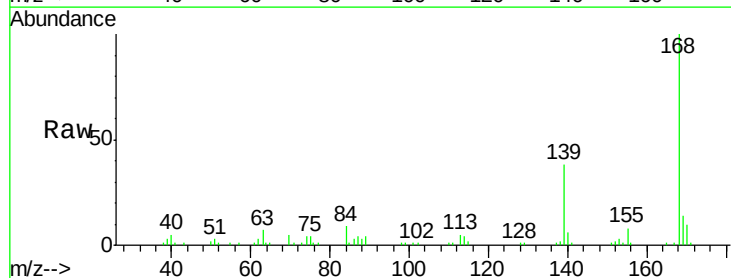


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

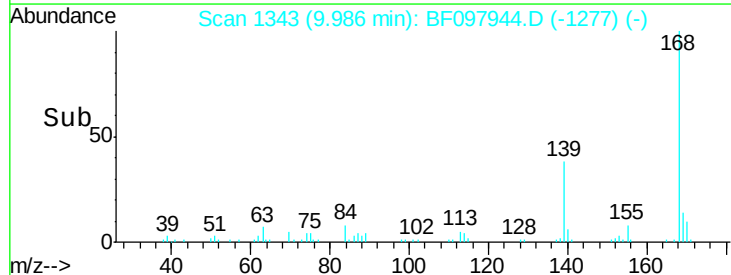
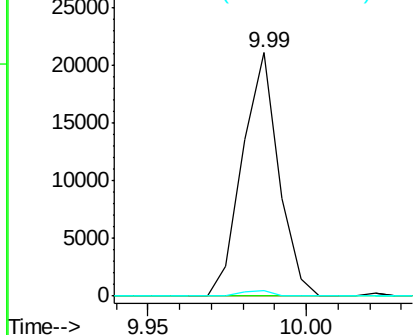


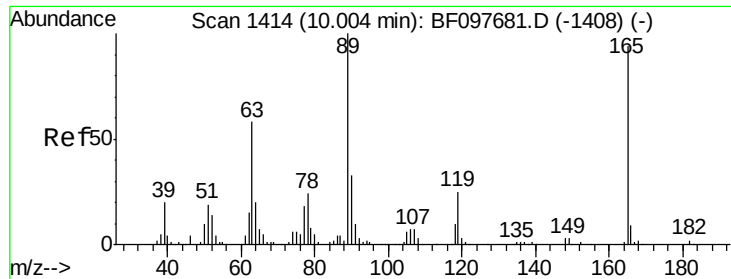
#55
4-Nitrophenol
Concen: 7.778 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.09 min
Lab File: BF097944.D
Acq: 22 Aug 2017 9:54

Tgt Ion:139 Resp: 16682
Ion Ratio Lower Upper
139 100
109 0.0 34.1 74.1#
65 2.1 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

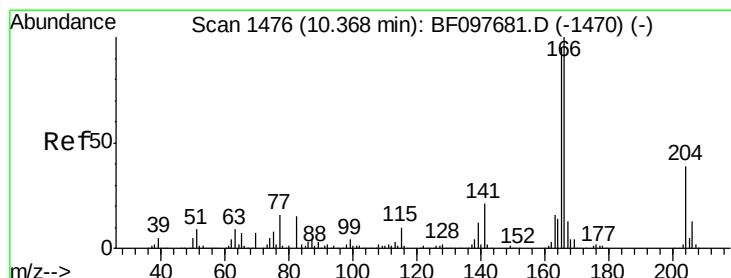
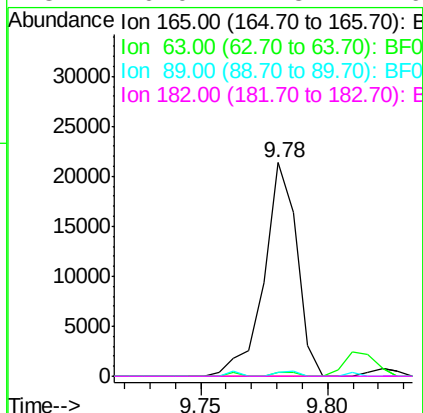
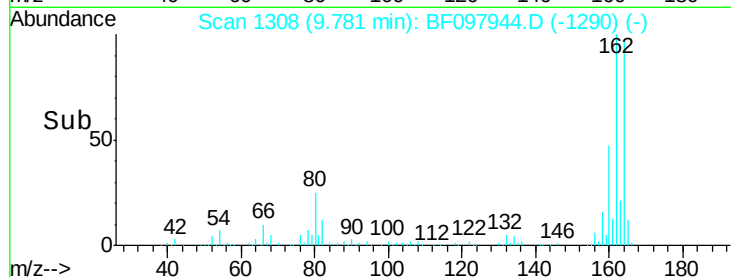
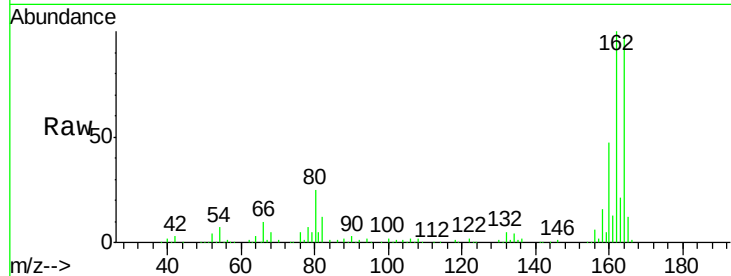




#56
2,4-Dinitrotoluene
Concen: 7.430 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.19 min
Lab File: BF097944.D
Acq: 22 Aug 2017 9:54

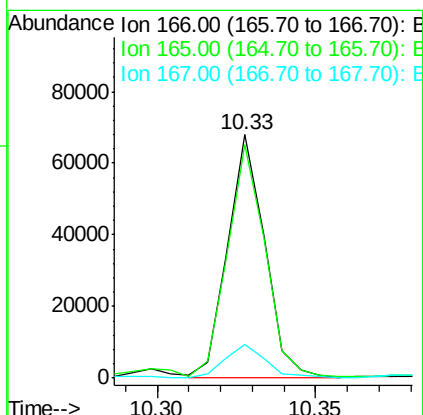
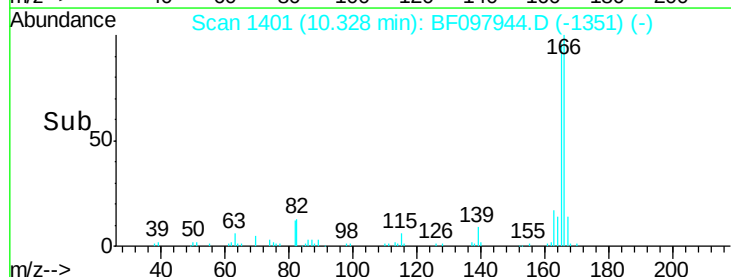
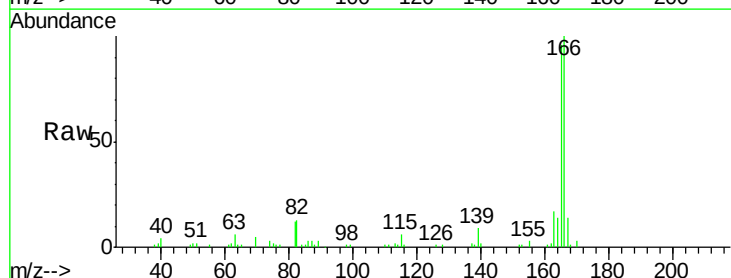
Instrument :
BNA_F
ClientSampleId :
SB-12-COMPDL

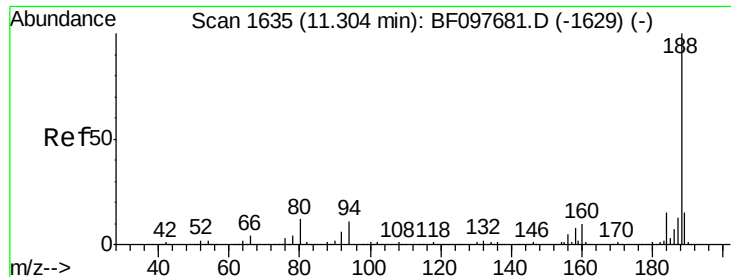
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	25.4	38.0#
89	1.6	46.4	69.6#
182	0.0	1.8	2.6#



#57
Fluorene
Concen: 5.599 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF097944.D
Acq: 22 Aug 2017 9:54

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.8	78.8	118.2
167	13.6	10.6	16.0

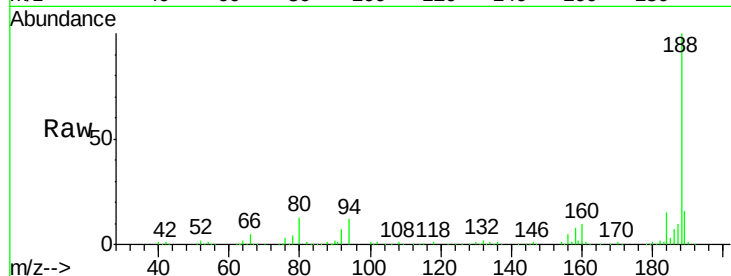




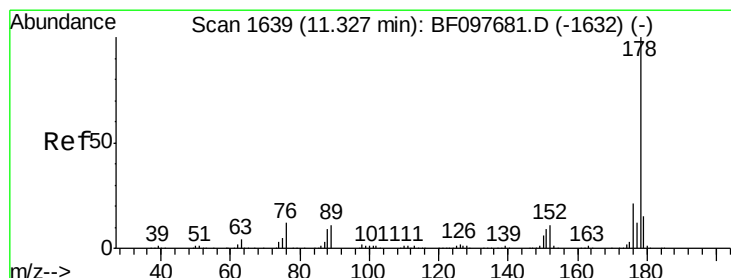
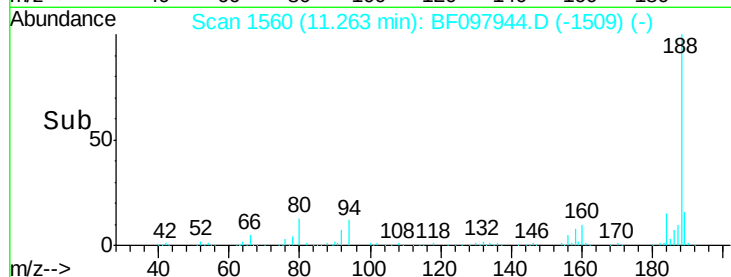
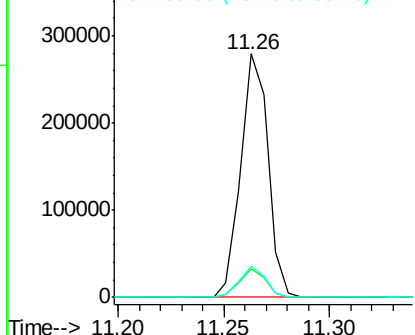
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF097944.D
Acq: 22 Aug 2017 9:54

Instrument :
BNA_F
ClientSampleId :
SB-12-COMPDL

Tgt Ion:188 Resp: 250291
Ion Ratio Lower Upper
188 100
94 11.7 9.4 14.2
80 13.0 10.2 15.2

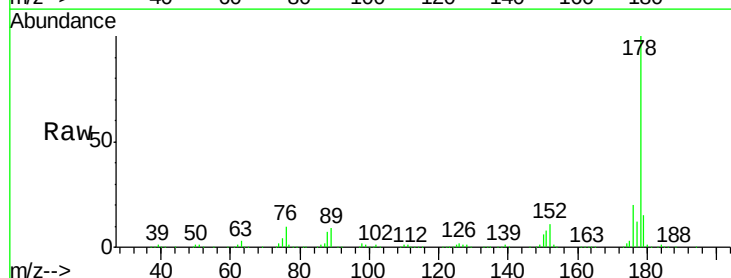


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

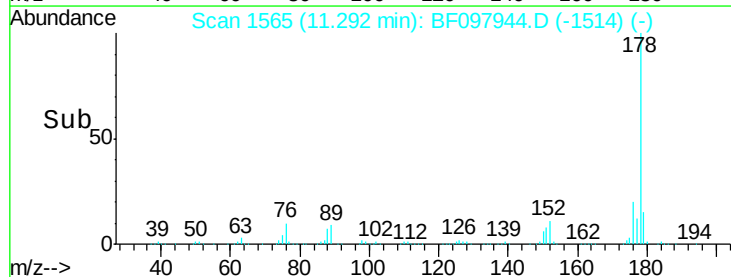
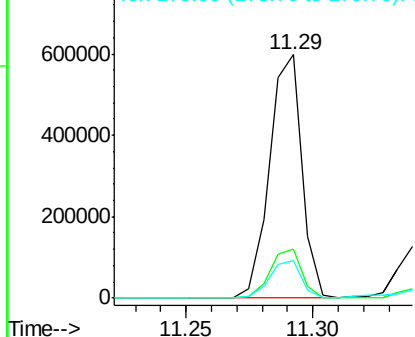


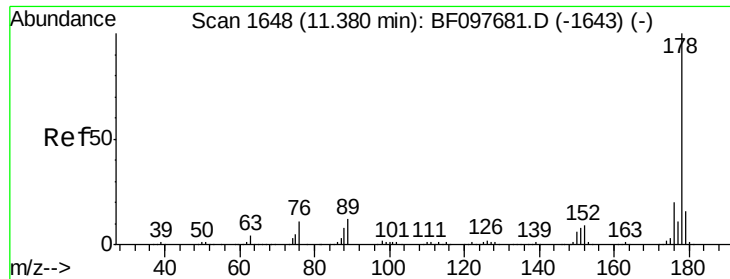
#70
Phenanthrene
Concen: 40.198 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.00 min
Lab File: BF097944.D
Acq: 22 Aug 2017 9:54

Tgt Ion:178 Resp: 536135
Ion Ratio Lower Upper
178 100
176 20.1 16.2 24.4
179 15.2 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: 7.218 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF097944.D

Acq: 22 Aug 2017 9:54

Instrument :

BNA_F

ClientSampleId :

SB-12-COMPDL

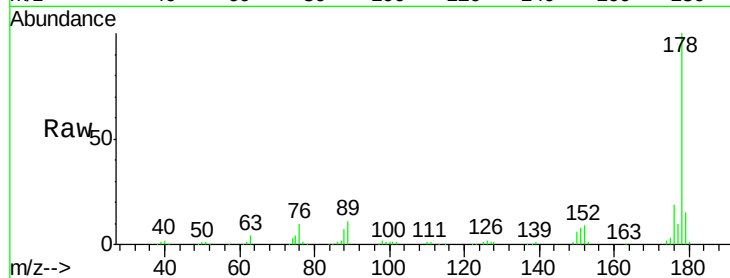
Tgt Ion:178 Resp: 97642

Ion Ratio Lower Upper

178 100

176 18.5 15.8 23.8

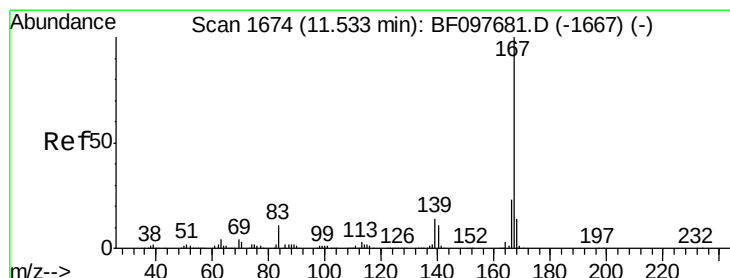
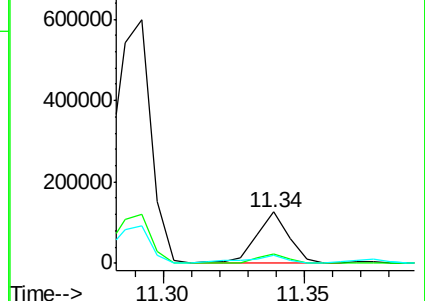
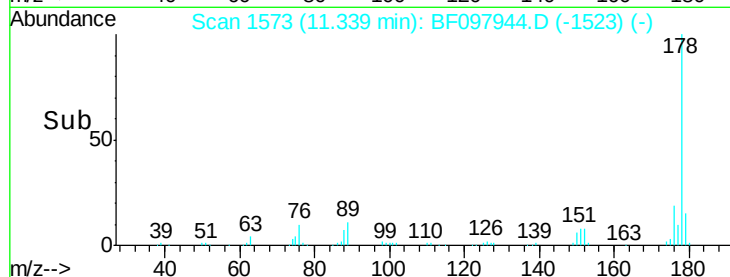
179 15.2 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 3.494 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BF097944.D

Acq: 22 Aug 2017 9:54

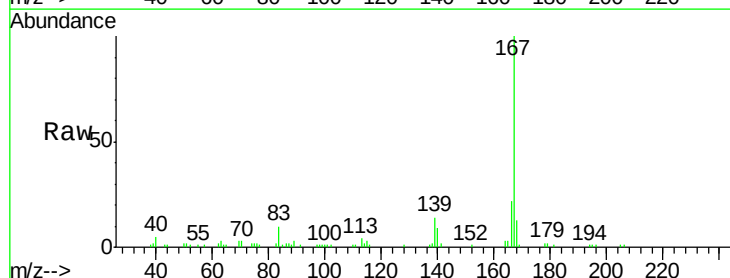
Tgt Ion:167 Resp: 44867

Ion Ratio Lower Upper

167 100

166 22.4 18.1 27.1

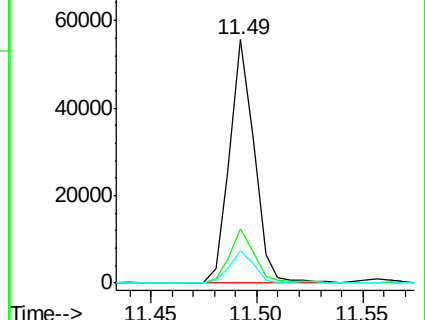
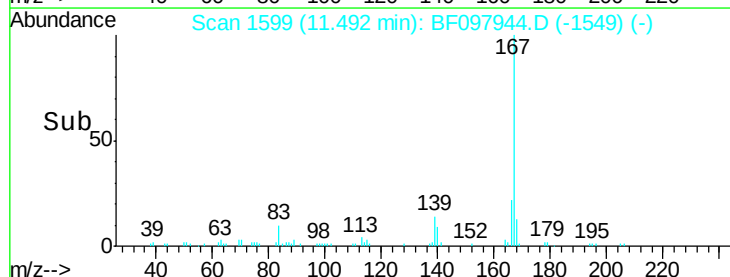
139 13.5 11.7 17.5

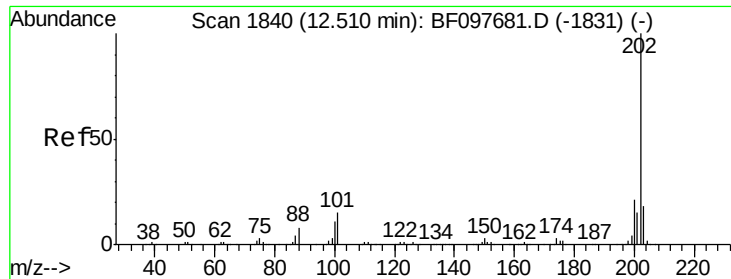


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 46.565 ng

RT: 12.47 min Scan# 1766

Delta R.T. 0.00 min

Lab File: BF097944.D

Acq: 22 Aug 2017 9:54

Instrument :

BNA_F

ClientSampleId :

SB-12-COMPDL

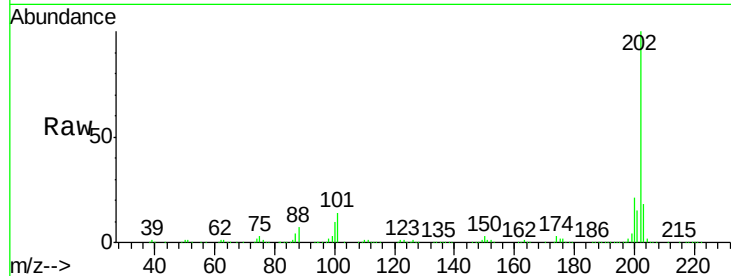
Tgt Ion: 202 Resp: 648238

Ion Ratio Lower Upper

202 100

101 14.4 0.0 33.2

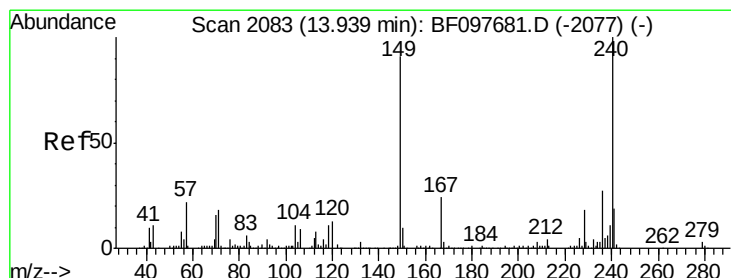
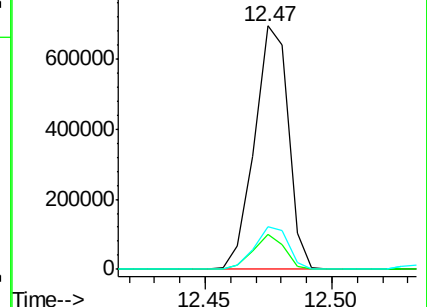
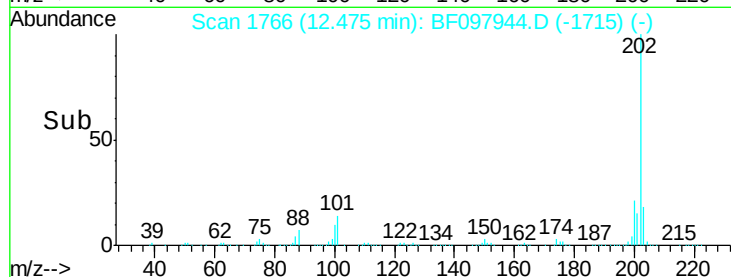
203 17.8 0.0 38.1



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: 13.90 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BF097944.D

Acq: 22 Aug 2017 9:54

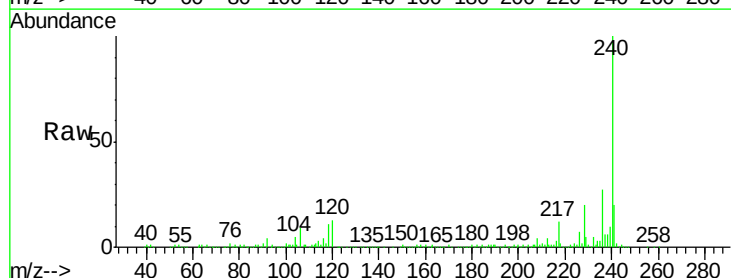
Tgt Ion: 240 Resp: 204726

Ion Ratio Lower Upper

240 100

120 13.0 5.8 8.8#

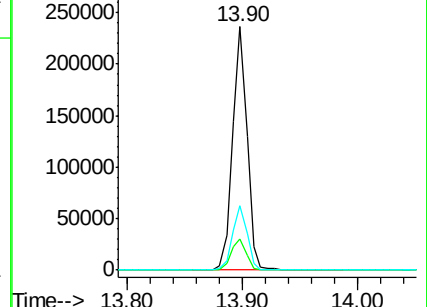
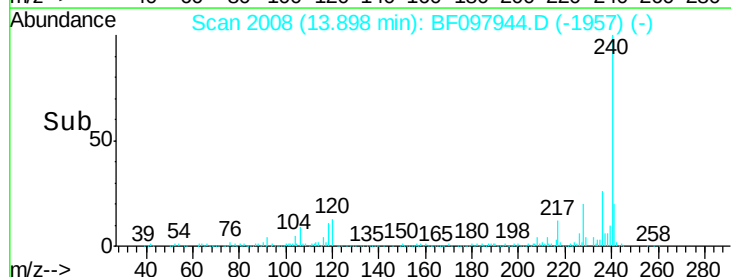
236 26.5 20.5 30.7

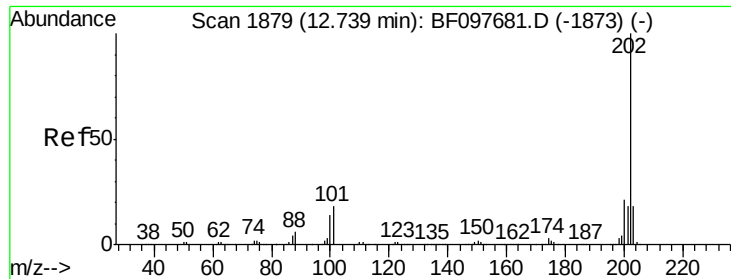


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 36.146 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF097944.D

Acq: 22 Aug 2017 9:54

Instrument :

BNA_F

ClientSampleId :

SB-12-COMPDL

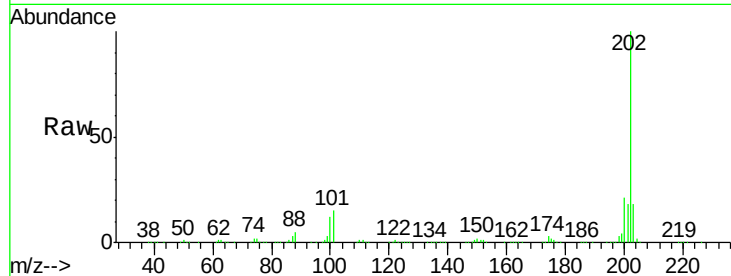
Tgt Ion: 202 Resp: 605233

Ion Ratio Lower Upper

202 100

200 21.2 17.6 26.4

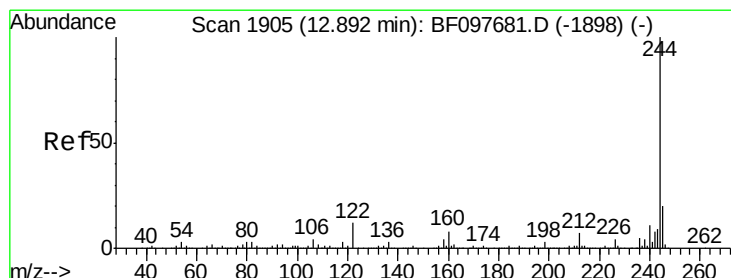
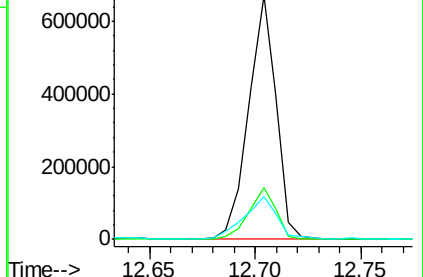
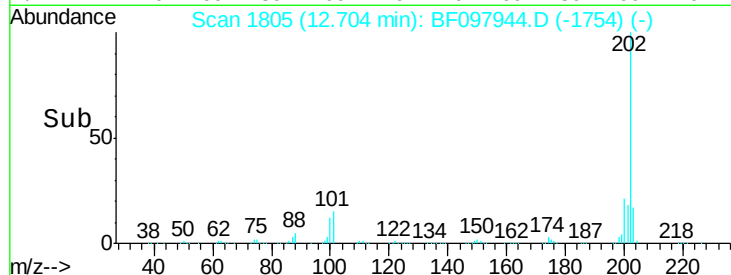
203 17.6 14.4 21.6



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: 10.449 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF097944.D

Acq: 22 Aug 2017 9:54

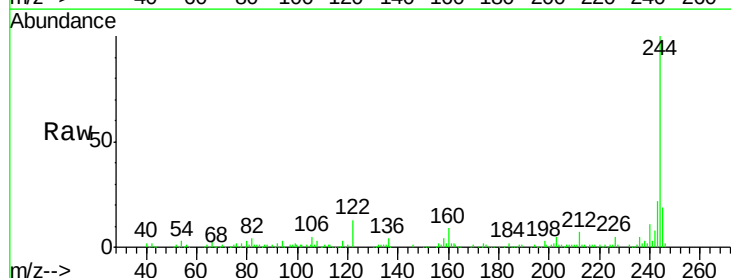
Tgt Ion: 244 Resp: 102579

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

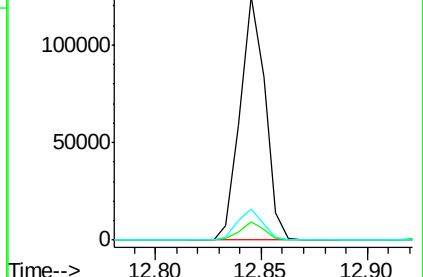
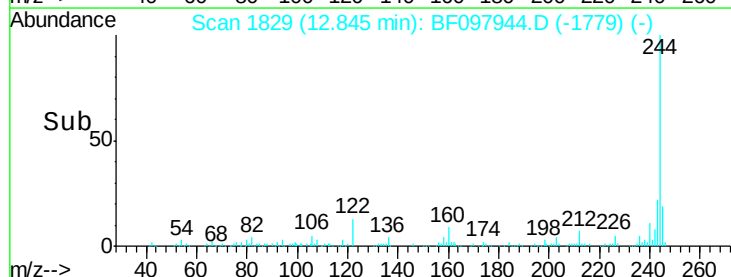
122 12.6 10.3 15.5

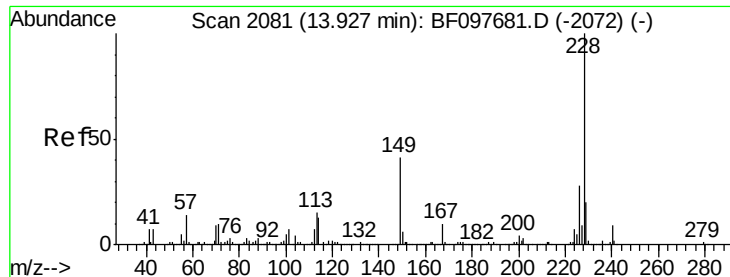


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 17.960 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BF097944.D

Acq: 22 Aug 2017 9:54

Instrument :

BNA_F

ClientSampleId :

SB-12-COMPDL

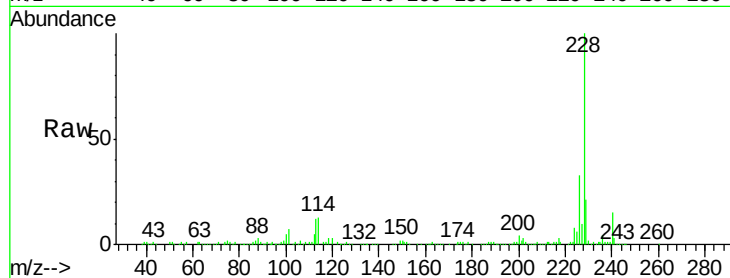
Tgt Ion:228 Resp: 220365

Ion Ratio Lower Upper

228 100

226 32.9 22.6 33.8

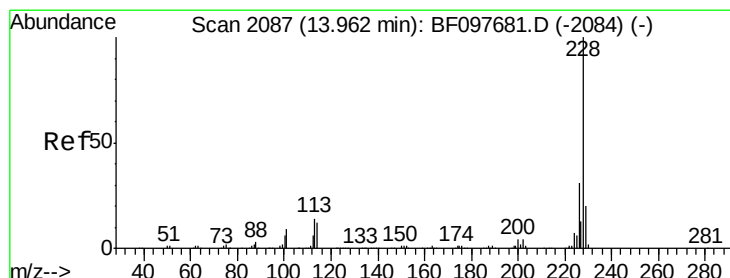
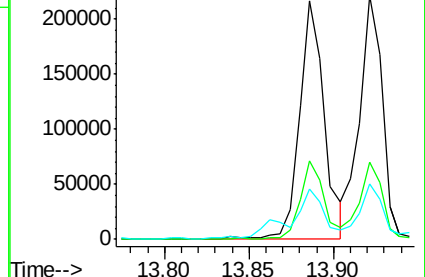
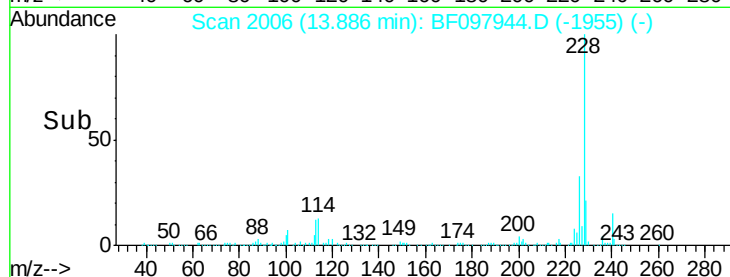
229 21.1 16.3 24.5



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



#82

Chrysene

Concen: 16.944 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF097944.D

Acq: 22 Aug 2017 9:54

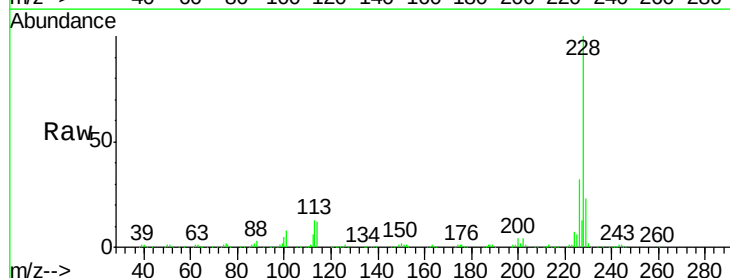
Tgt Ion:228 Resp: 206822

Ion Ratio Lower Upper

228 100

226 31.8 24.9 37.3

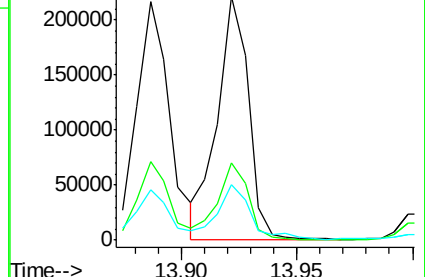
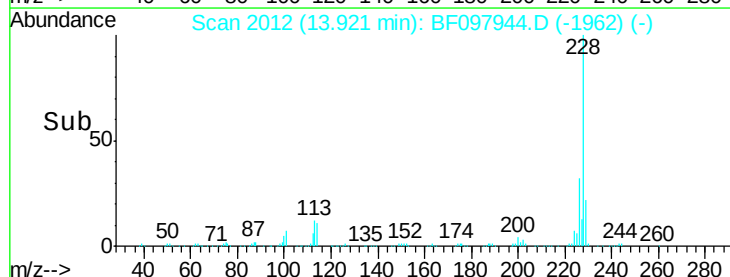
229 22.7 15.8 23.6

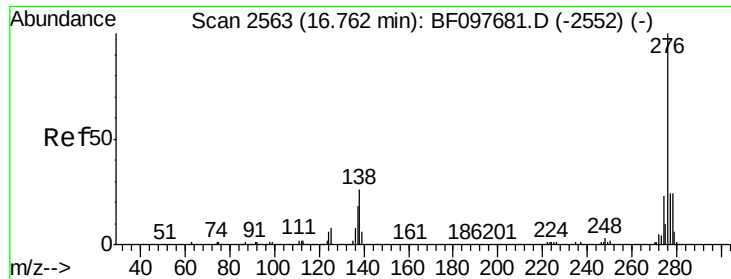


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

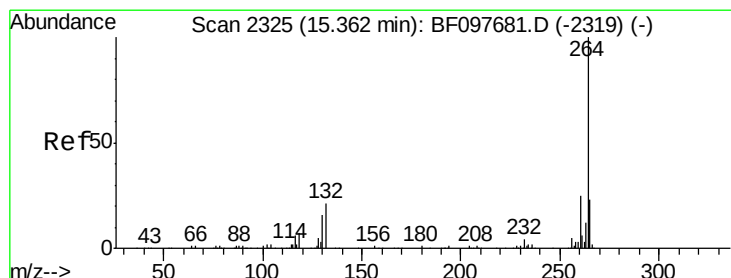
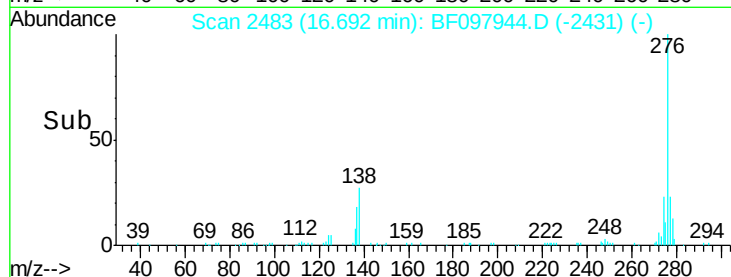
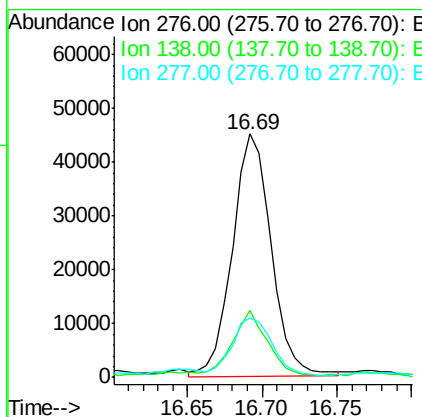
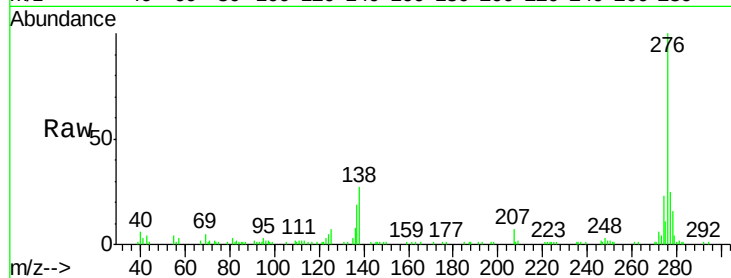




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 9.077 ng
 RT: 16.69 min Scan# 2483
 Delta R.T. 0.01 min
 Lab File: BF097944.D
 Acq: 22 Aug 2017 9:54

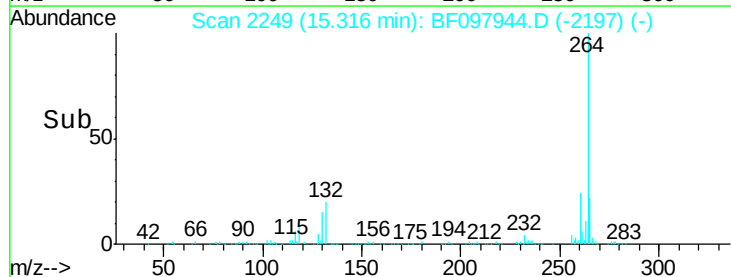
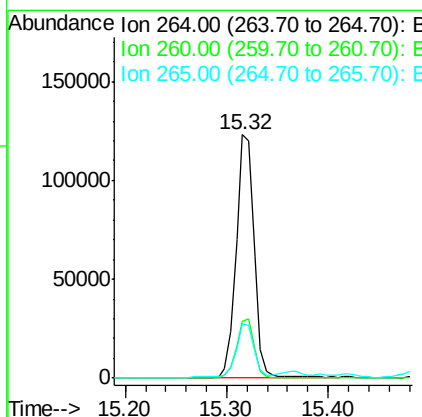
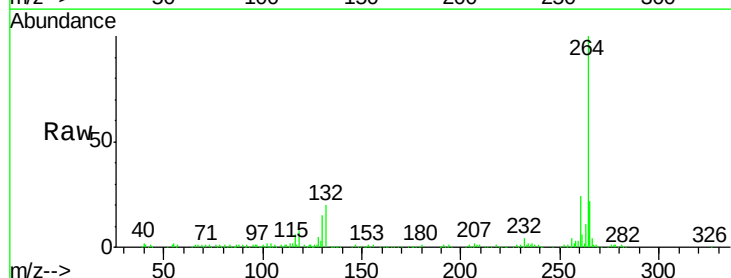
Instrument :
 BNA_F
 ClientSampleId :
 SB-12-COMPDL

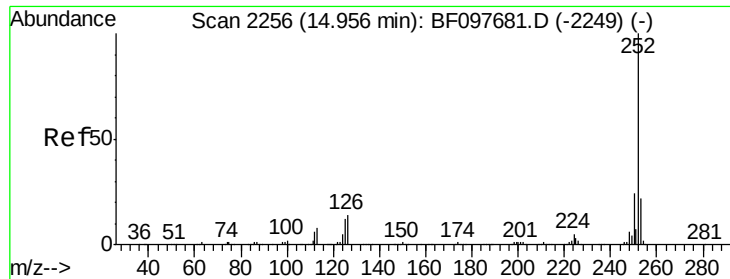
Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.9	27.8	41.6#
277	24.5	20.2	30.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2249
 Delta R.T. 0.01 min
 Lab File: BF097944.D
 Acq: 22 Aug 2017 9:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	22.2	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 28.747 ng

RT: 14.92 min Scan# 2181

Delta R.T. 0.01 min

Lab File: BF097944.D

Acq: 22 Aug 2017 9:54

Instrument :

BNA_F

ClientSampleId :

SB-12-COMPDL

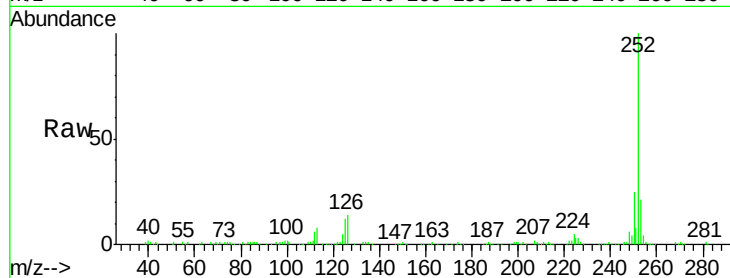
Tgt Ion:252 Resp: 276333

Ion Ratio Lower Upper

252 100

253 21.4 18.1 27.1

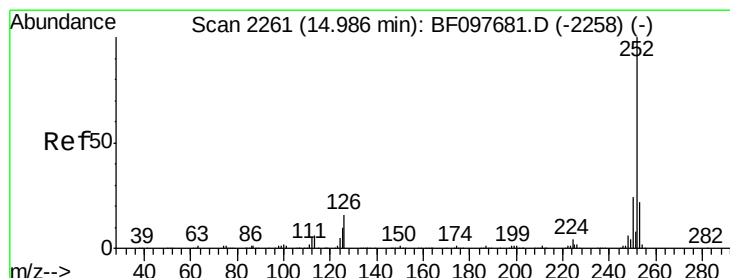
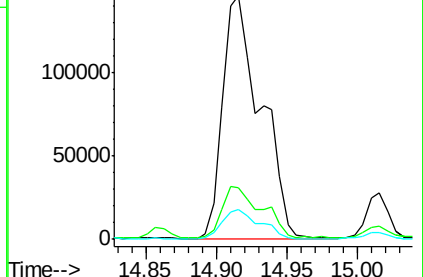
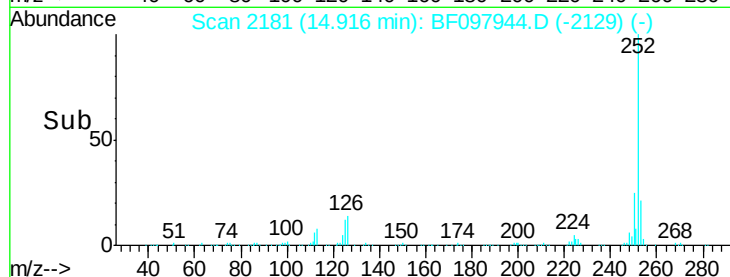
125 12.2 9.8 14.8



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: 10.903 ng

RT: 15.20 min Scan# 2229

Delta R.T. 0.26 min

Lab File: BF097944.D

Acq: 22 Aug 2017 9:54

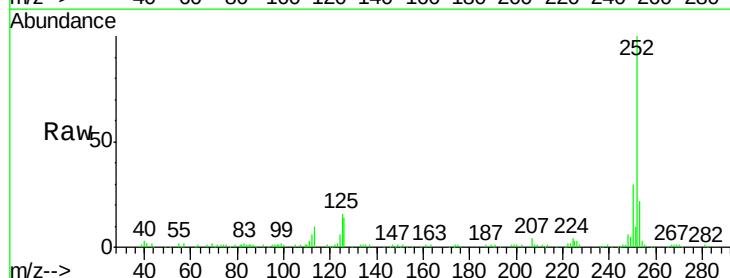
Tgt Ion:252 Resp: 98468

Ion Ratio Lower Upper

252 100

253 22.2 18.4 27.6

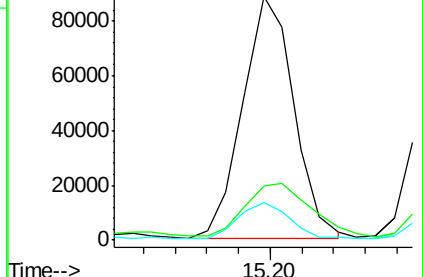
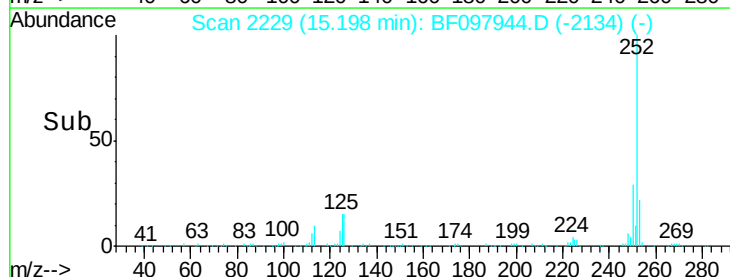
125 15.6 13.1 19.7

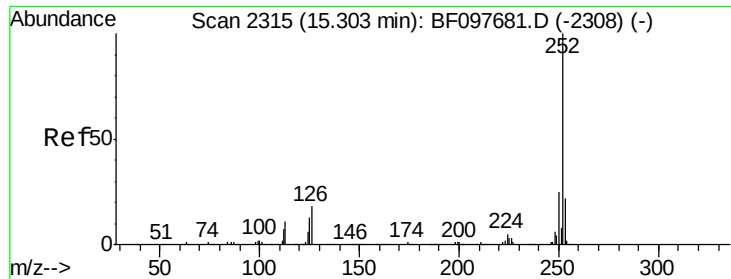


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 18.443 ng

RT: 15.26 min Scan# 2239

Delta R.T. 0.00 min

Lab File: BF097944.D

Acq: 22 Aug 2017 9:54

Instrument :

BNA_F

ClientSampleId :

SB-12-COMPDL

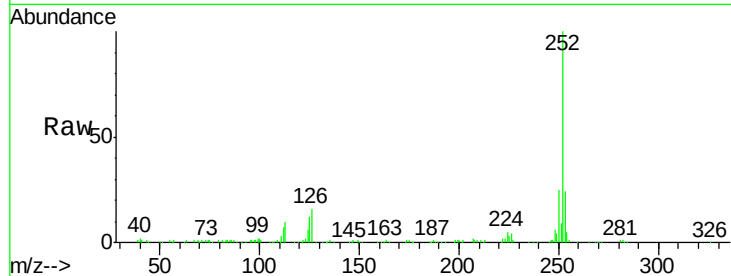
Tgt Ion:252 Resp: 156946

Ion Ratio Lower Upper

252 100

253 23.6 17.5 26.3

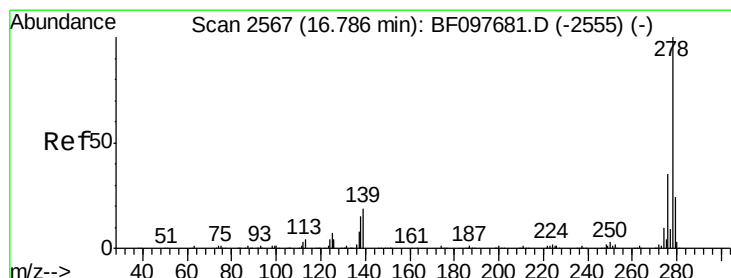
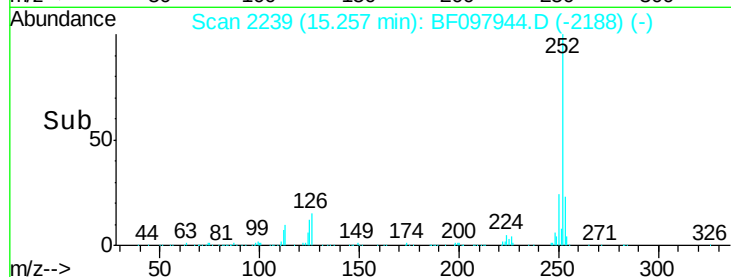
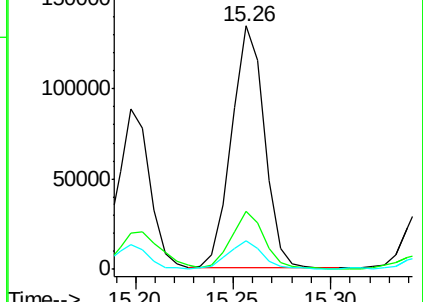
125 11.8 11.0 16.4



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: 2.166 ng

RT: 16.86 min Scan# 2512

Delta R.T. 0.15 min

Lab File: BF097944.D

Acq: 22 Aug 2017 9:54

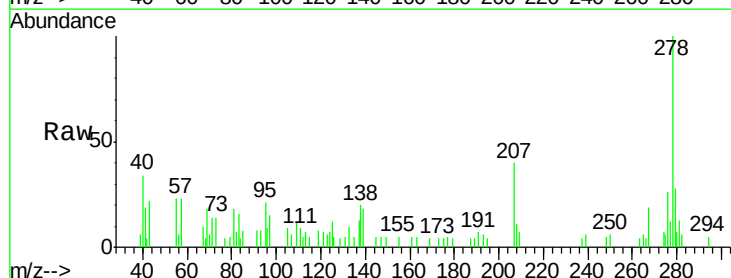
Tgt Ion:278 Resp: 15009

Ion Ratio Lower Upper

278 100

139 17.7 16.6 24.8

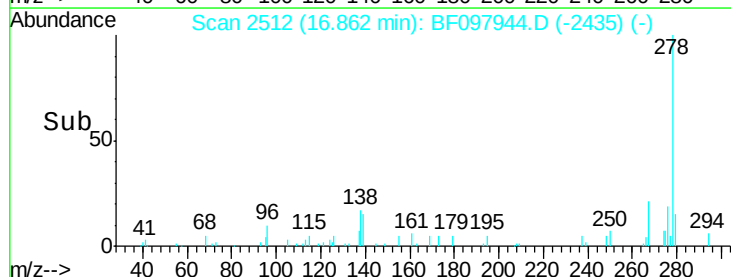
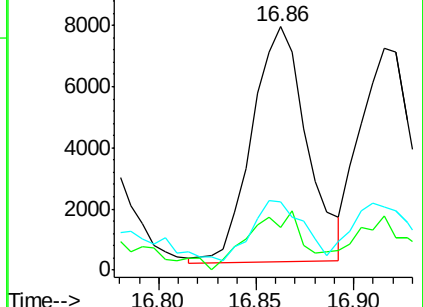
279 28.2 19.3 28.9

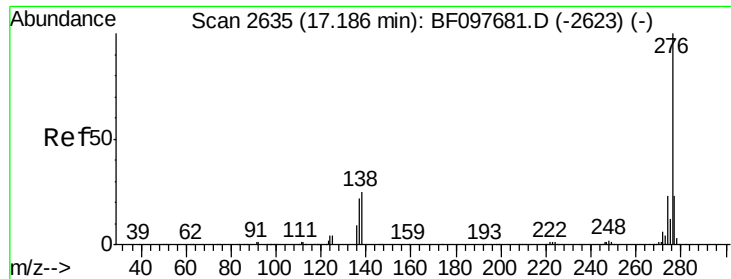


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 3.343 ng

RT: 17.33 min Scan# 2591

Delta R.T. 0.22 min

Lab File: BF097944.D

Acq: 22 Aug 2017 9:54

Instrument :

BNA_F

ClientSampleId :

SB-12-COMPDL

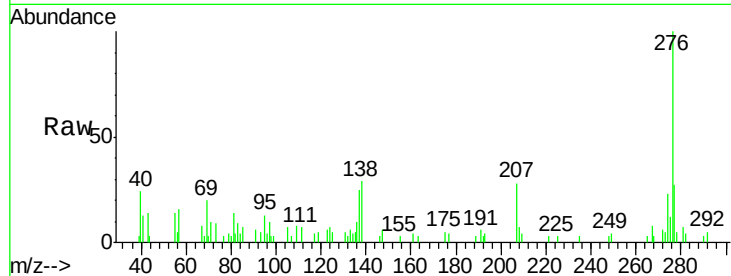
Tgt Ion: 276 Resp: 24168

Ion Ratio Lower Upper

276 100

277 27.3 18.6 28.0

138 29.3 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

