

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081117\
 Data File : BF097603.D
 Acq On : 11 Aug 2017 19:41
 Operator : SJ/JU
 Sample : I4706-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-081017

Quant Time: Aug 12 00:50:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 15:55:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	106761	20.00	ng	0.00
21) Naphthalene-d8	9.54	136	450627	20.00	ng	0.00
38) Acenaphthene-d10	12.36	164	177280	20.00	ng	0.00
63) Phenanthrene-d10	14.76	188	312153	20.00	ng	0.00
75) Chrysene-d12	18.46	240	198752	20.00	ng	0.00
86) Perylene-d12	20.13	264	187657	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	442489	65.88	ng	0.00
7) Phenol-d6	7.05	99	527139	63.27	ng	-0.01
23) Nitrobenzene-d5	8.42	82	336119	46.77	ng	0.00
41) 2,4,6-Tribromophenol	13.66	330	98744	73.27	ng	0.00
44) 2-Fluorobiphenyl	11.32	172	561680	47.82	ng	0.00
78) Terphenyl-d14	17.12	244	348655	36.31	ng	0.00

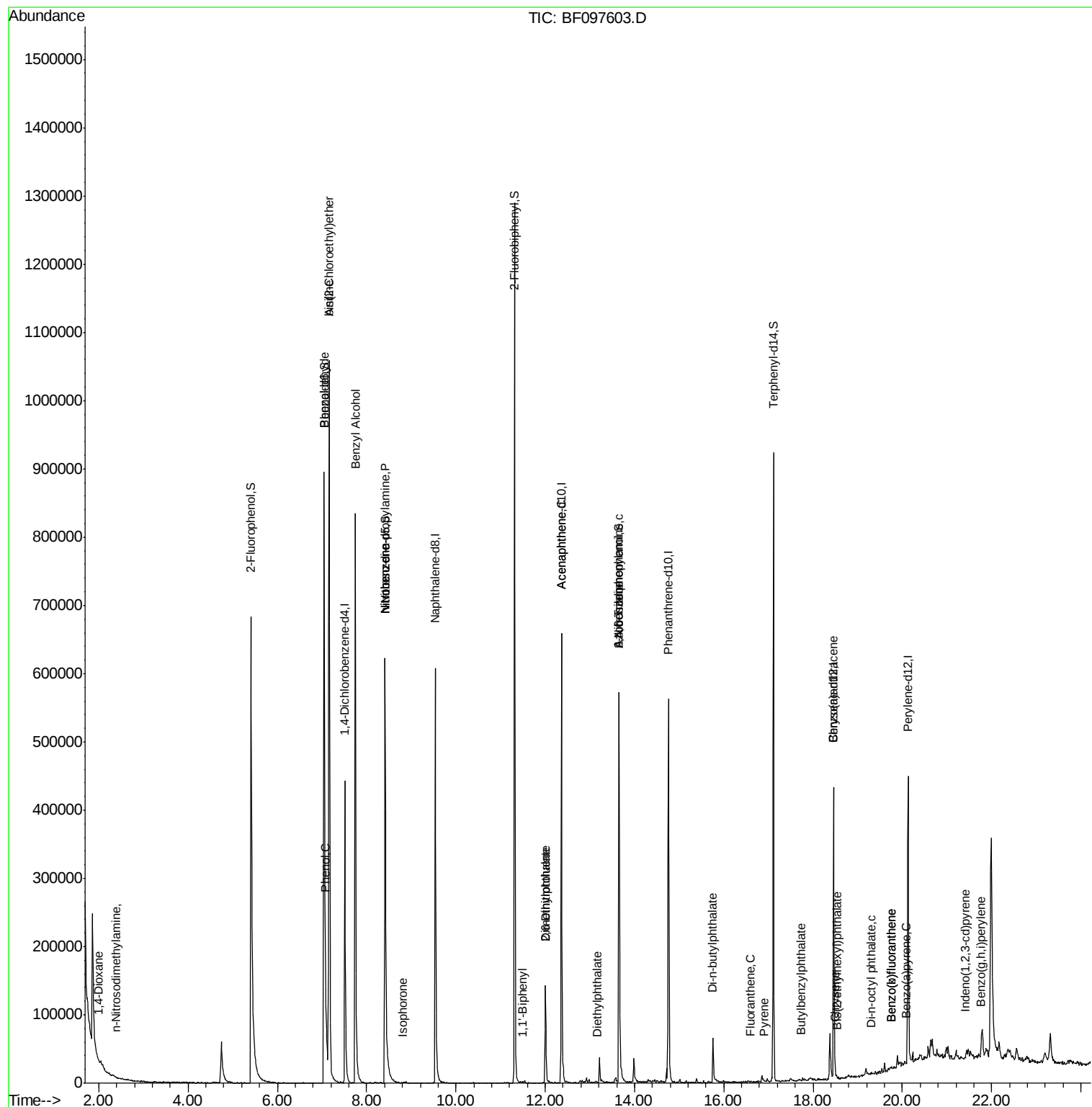
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.99	88	543	0.19	ng	# 32
4) n-Nitrosodimethylamine	2.40	42	115	0.02	ng	# 1
6) Aniline	7.16	93	405	0.03	ng	# 1
9) Benzaldehyde	7.05	77	500	0.09	ng	# 1
10) Phenol	7.07	94	16049	1.76	ng	# 47
11) bis(2-Chloroethyl)ether	7.16	93	405	0.06	ng	# 1
15) Benzyl Alcohol	7.75	79	5178	0.90	ng	# 34
19) n-Nitroso-di-n-propylamine	8.42	70	42283	7.30	ng	# 87
24) Nitrobenzene	8.42	77	422	0.05	ng	# 39
25) Isophorone	8.81	82	125	0.01	ng	# 67
45) 1,1'-Biphenyl	11.49	154	463	0.03	ng	# 42
49) Dimethylphthalate	12.00	163	93889	6.87	ng	# 99
50) 2,6-Dinitrotoluene	12.01	165	803	0.28	ng	# 12
51) Acenaphthene	12.36	154	463	0.04	ng	# 4
59) Diethylphthalate	13.16	149	301	0.02	ng	# 60
62) Azobenzene	13.65	77	496	0.04	ng	# 28
65) n-Nitrosodiphenylamine	13.66	169	3290	0.29	ng	# 36
73) Di-n-butylphthalate	15.76	149	897	0.04	ng	# 78
74) Fluoranthene	16.60	202	853	0.05	ng	# 62
77) Pvrene	16.90	202	706	0.04	ng	# 56
79) Butylbenzylphthalate	17.74	149	115	0.02	ng	# 32
80) Benzo(a)anthracene	18.46	228	816	0.07	ng	# 50
82) Chrysene	18.50	228	452	0.04	ng	# 49
83) Bis(2-ethylhexyl)phthalate	18.53	149	1048	0.11	ng	# 52
84) Di-n-octyl phthalate	19.31	149	141	0.01	ng	# 1
85) Indeno(1,2,3-cd)pyrene	21.40	276	110	0.01	ng	# 1
87) Benzo(b)fluoranthene	19.75	252	1281	0.11	ng	# 35
88) Benzo(k)fluoranthene	19.75	252	1281	0.11	ng	# 39
89) Benzo(a)pyrene	20.09	252	602	0.06	ng	# 23
91) Benzo(g,h,i)perylene	21.75	276	109	0.01	ng	# 47

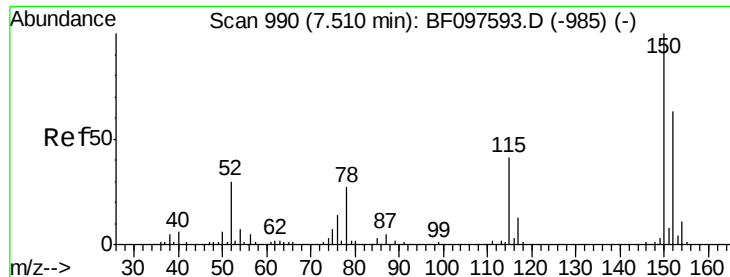
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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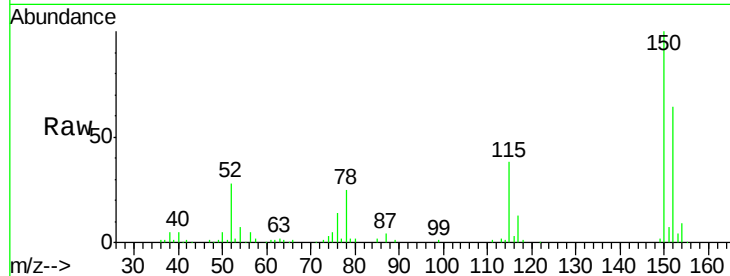


#1

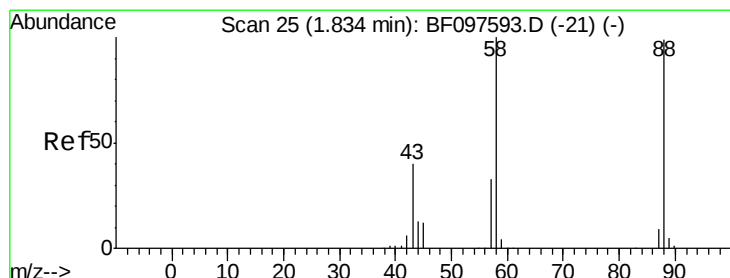
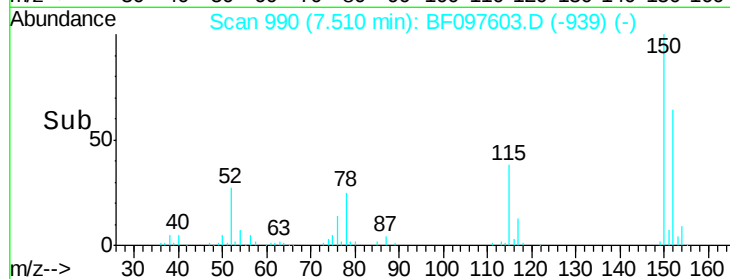
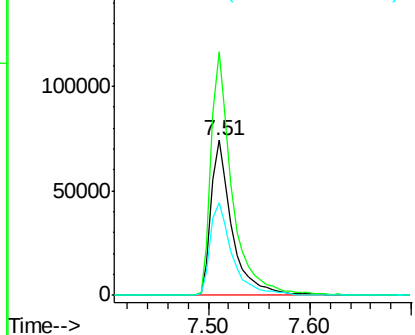
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.51 min Scan# 990
Delta R.T. 0.00 min
Lab File: BF097603.D
Acq: 11 Aug 2017 19:41

Instrument :
BNA_F
ClientSampleId :
OR-02-081017

Tot Ion:152 Resp: 106761
Ion Ratio Lower Upper
152 100
150 157.3 126.2 189.2
115 59.8 52.2 78.2



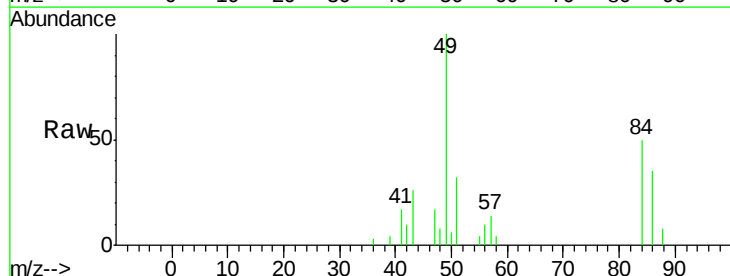
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



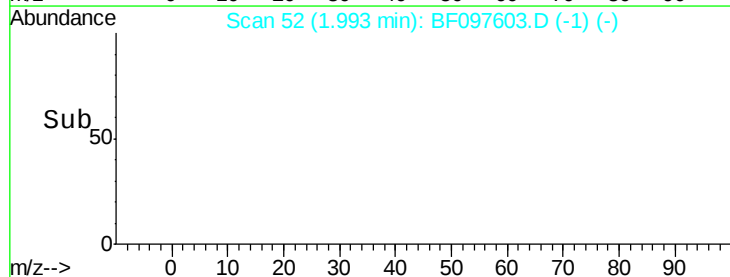
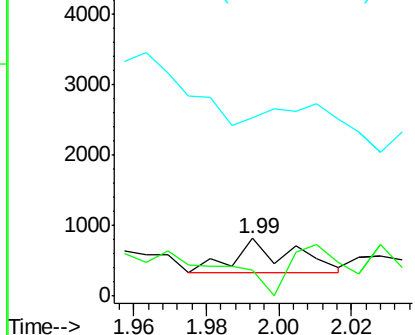
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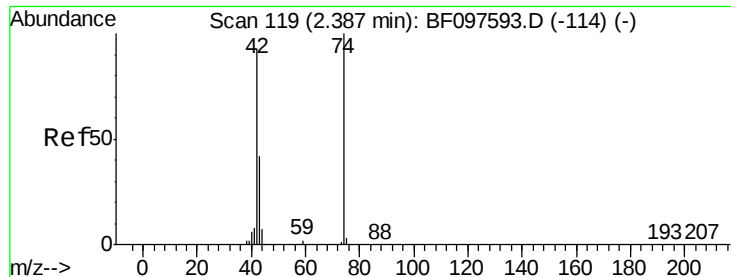
1,4-Dioxane
Concen: 0.19 ng
RT: 1.99 min Scan# 52
Delta R.T. 0.16 min
Lab File: BF097603.D
Acq: 11 Aug 2017 19:41

Tgt Ion: 88 Resp: 543
Ion Ratio Lower Upper
88 100
58 140.1 61.4 92.0#
43 0.0 23.4 35.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#4

n-Nitrosodimethylamine

Concen: 0.02 ng

RT: 2.40 min Scan# 121

Delta R.T. 0.01 min

Lab File: BF097603.D

Acq: 11 Aug 2017 19:41

Instrument :

BNA_F

ClientSampleId :

OR-02-081017

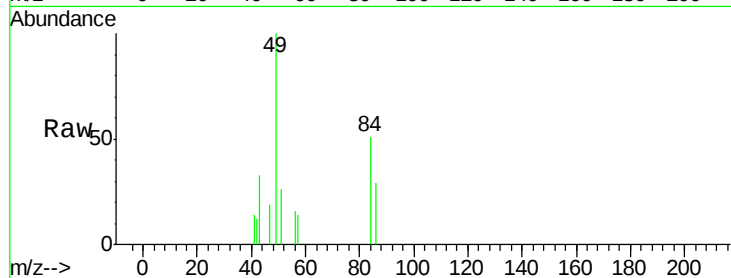
Tot Ion: 42 Resp: 115

Ion Ratio Lower Upper

42 100

74 0.0 103.9 155.9#

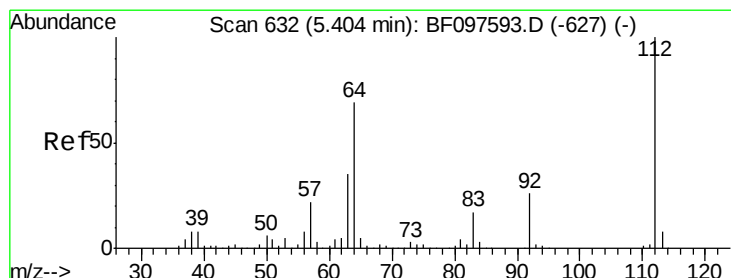
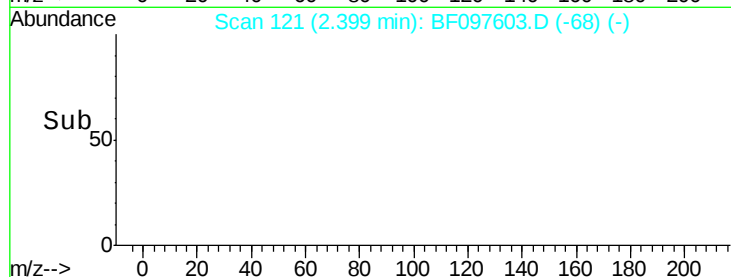
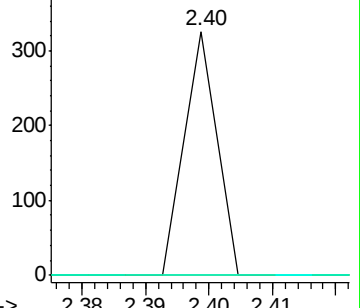
44 0.0 5.7 8.5#



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0



#5

2-Fluorophenol

Concen: 65.88 ng

RT: 5.41 min Scan# 633

Delta R.T. 0.01 min

Lab File: BF097603.D

Acq: 11 Aug 2017 19:41

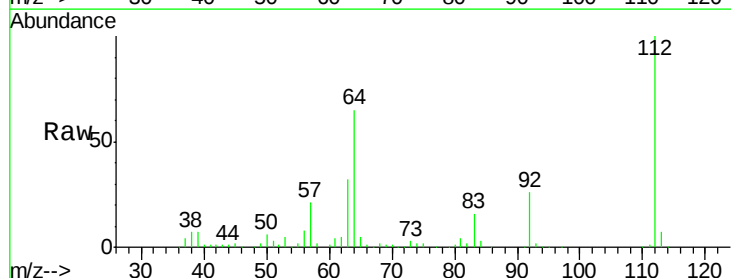
Tgt Ion: 112 Resp: 442489

Ion Ratio Lower Upper

112 100

64 64.8 46.0 69.0

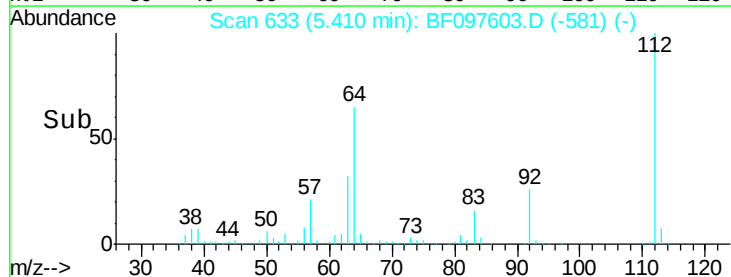
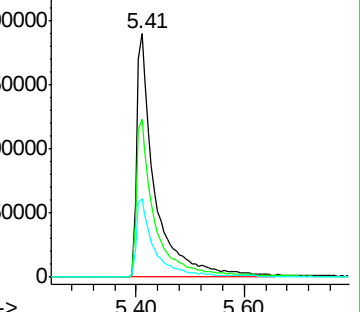
63 32.4 23.4 35.0

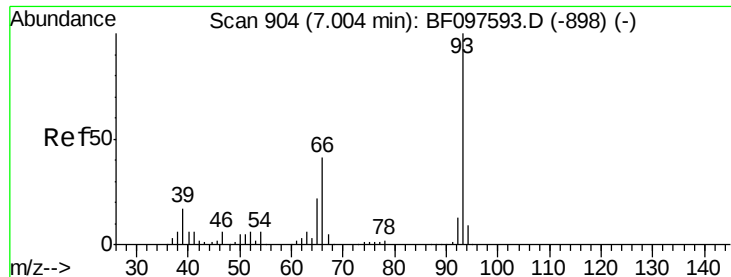


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 0.03 ng

RT: 7.16 min Scan# 930

Delta R.T. 0.15 min

Lab File: BF097603.D

Acq: 11 Aug 2017 19:41

Instrument :

BNA_F

ClientSampleId :

OR-02-081017

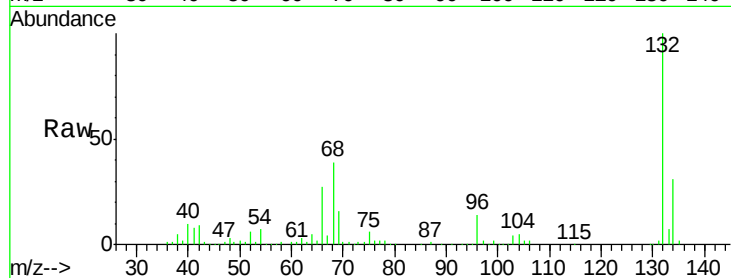
Tot Ion: 93 Resp: 405

Ion Ratio Lower Upper

93 100

66 17670.8 32.9 49.3#

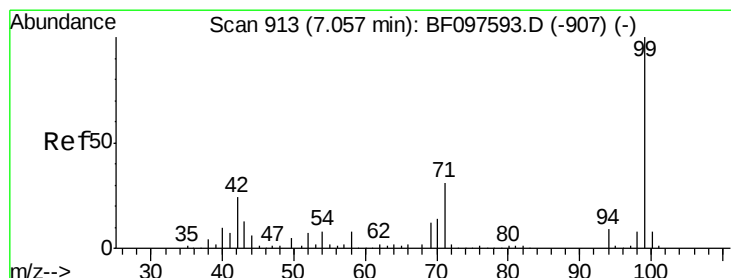
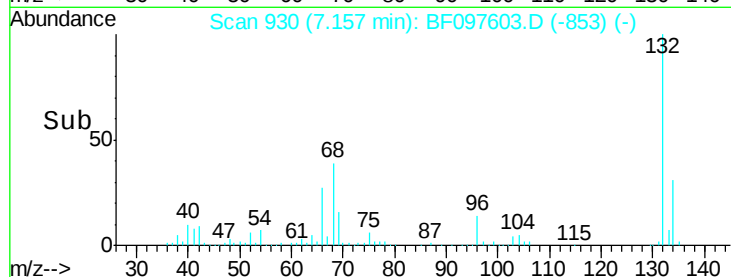
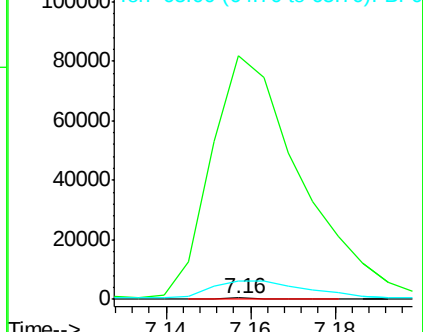
65 1374.5 16.0 24.0#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 63.27 ng

RT: 7.05 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF097603.D

Acq: 11 Aug 2017 19:41

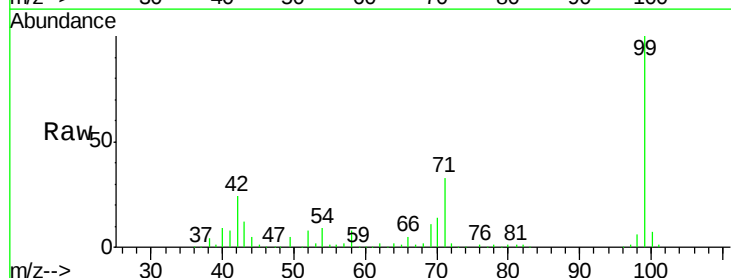
Tgt Ion: 99 Resp: 527139

Ion Ratio Lower Upper

99 100

42 23.9 13.5 20.3#

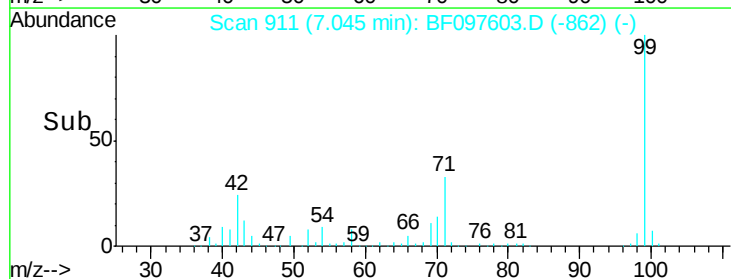
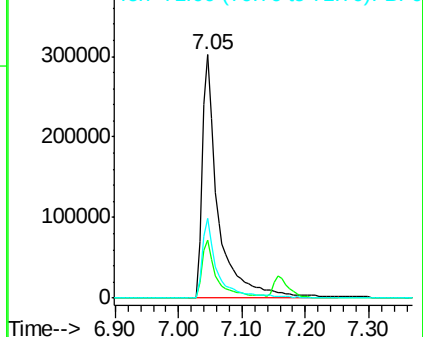
71 32.6 24.5 36.7

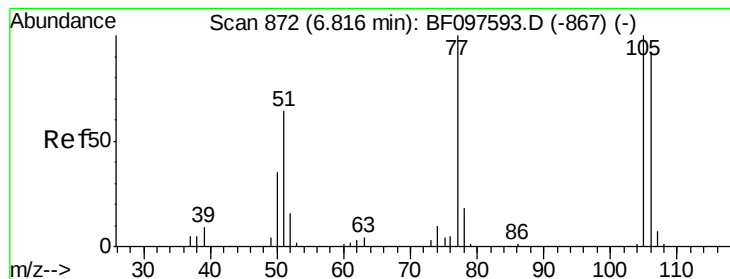


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#9

Benzaldehyde

Concen: 0.09 ng

RT: 7.05 min Scan# 911

Delta R.T. 0.23 min

Lab File: BF097603.D

Acq: 11 Aug 2017 19:41

Instrument :

BNA_F

ClientSampleId :

OR-02-081017

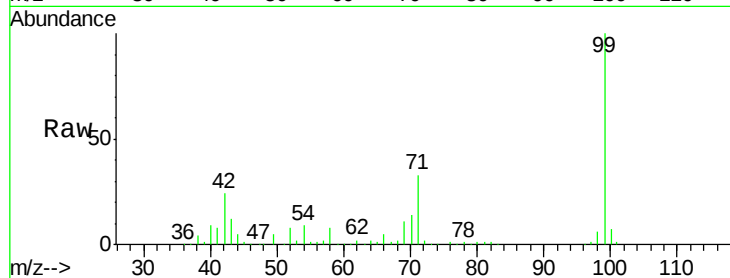
Tot Ion: 77 Resp: 500

Ion Ratio Lower Upper

77 100

105 0.0 83.8 123.8#

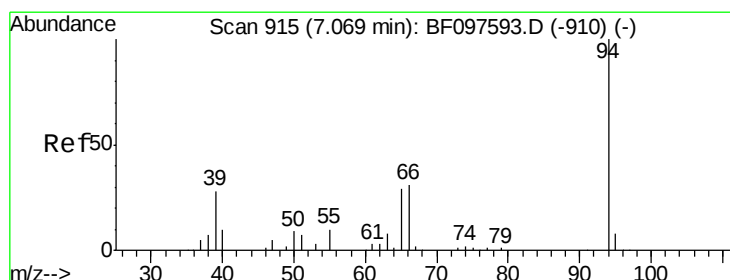
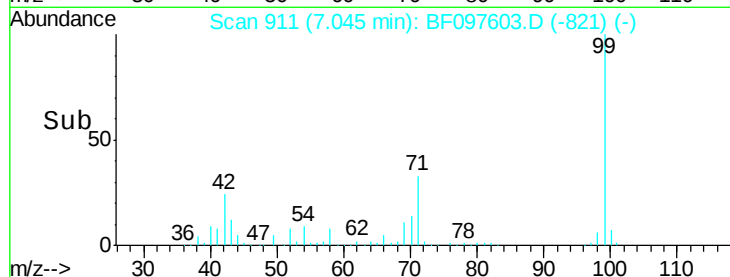
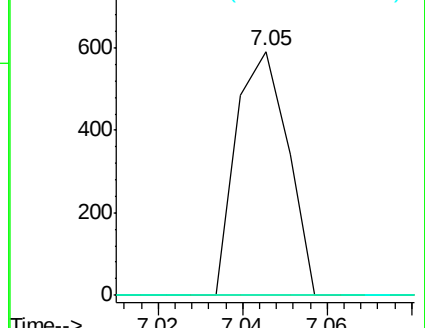
106 0.0 79.1 119.1#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 1.76 ng

RT: 7.07 min Scan# 916

Delta R.T. 0.01 min

Lab File: BF097603.D

Acq: 11 Aug 2017 19:41

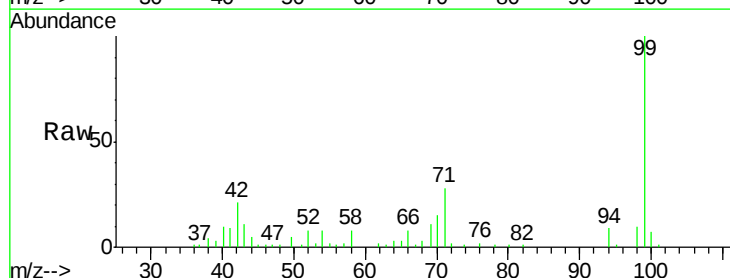
Tgt Ion: 94 Resp: 16049

Ion Ratio Lower Upper

94 100

65 36.6 9.9 49.9

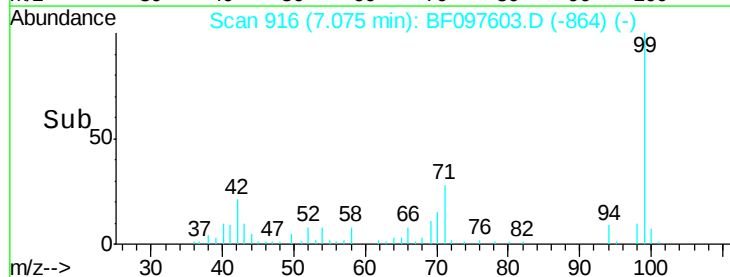
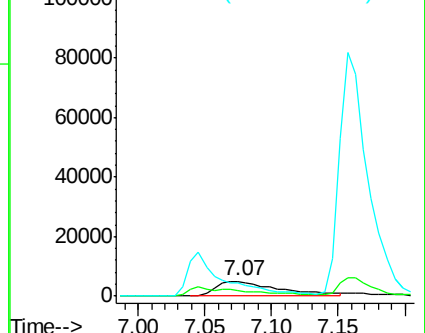
66 95.5 23.1 63.1#

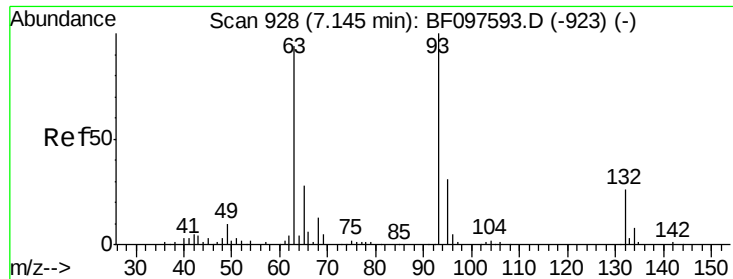


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

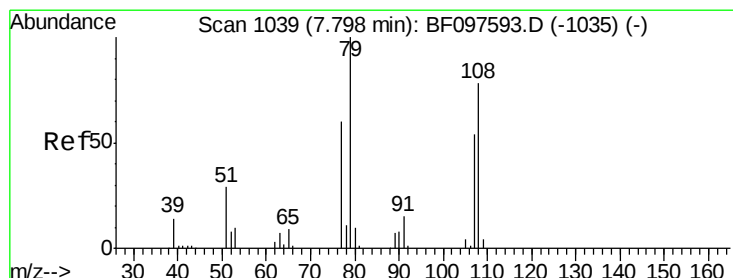
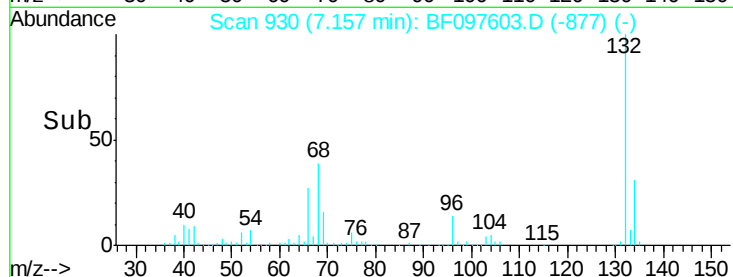
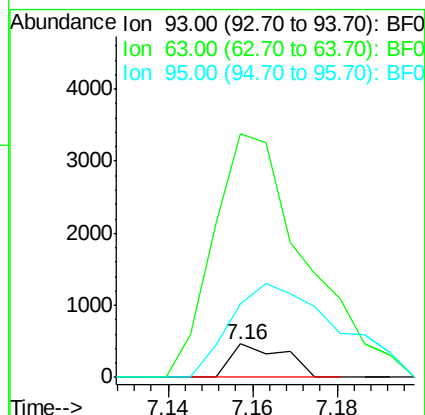
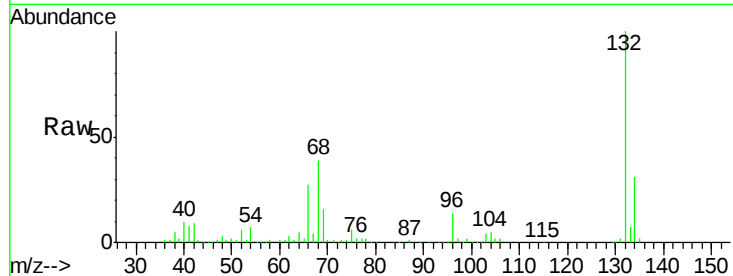




#11
bis(2-Chloroethyl)ether
Concen: 0.06 ng
RT: 7.16 min Scan# 930
Delta R.T. 0.01 min
Lab File: BF097603.D
Acq: 11 Aug 2017 19:41

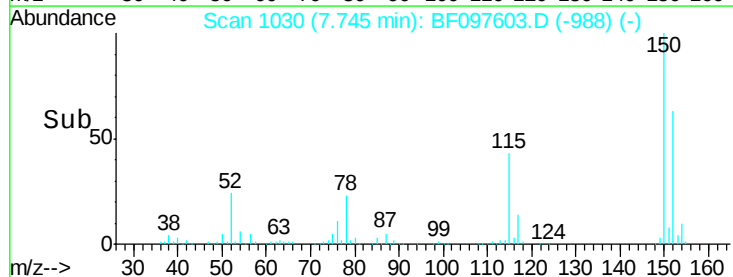
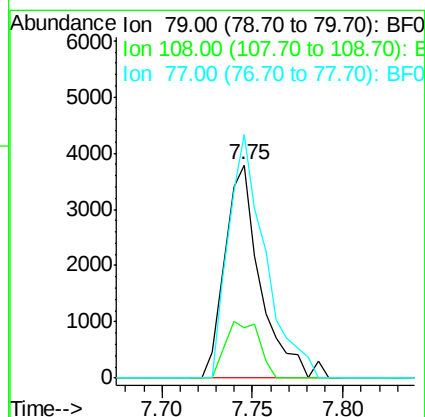
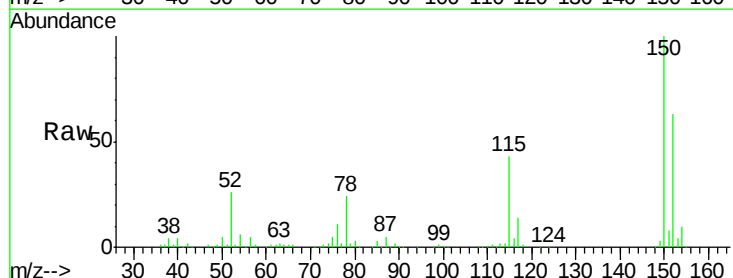
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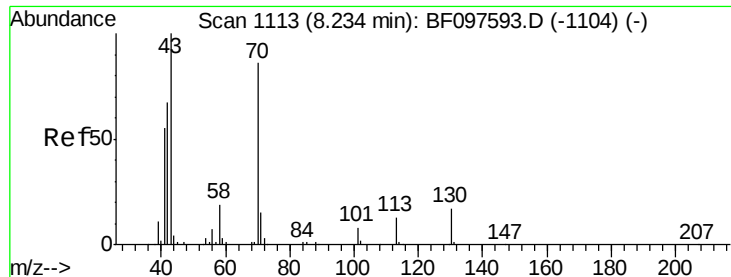
Tot Ion: 93 Resp: 405
Ion Ratio Lower Upper
93 100
63 729.8 59.2 99.2#
95 221.4 12.8 52.8#



#15
Benzyl Alcohol
Concen: 0.90 ng
RT: 7.75 min Scan# 1030
Delta R.T. -0.05 min
Lab File: BF097603.D
Acq: 11 Aug 2017 19:41

Tgt Ion: 79 Resp: 5178
Ion Ratio Lower Upper
79 100
108 23.8 63.4 95.0#
77 114.2 49.2 73.8#

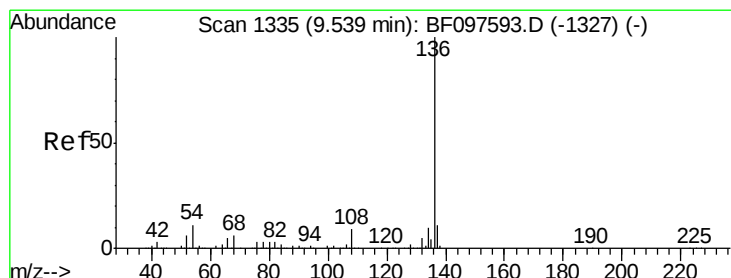
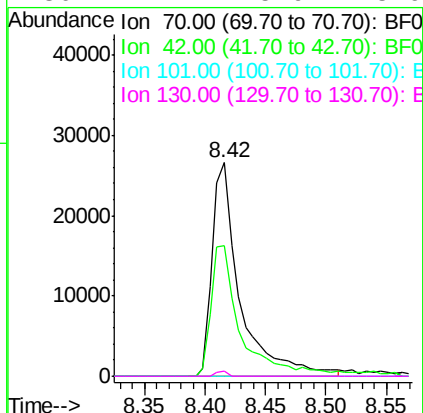
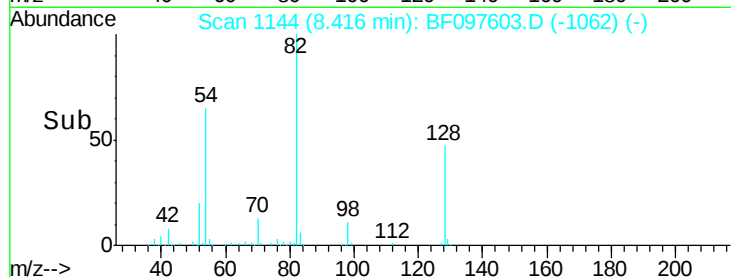
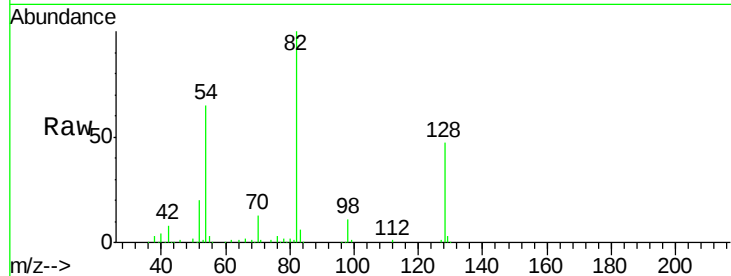




#19
n-Nitroso-di-n-propylamine
Concen: 7.30 ng
RT: 8.42 min Scan# 1144
Delta R.T. 0.18 min
Lab File: BF097603.D
Acq: 11 Aug 2017 19:41

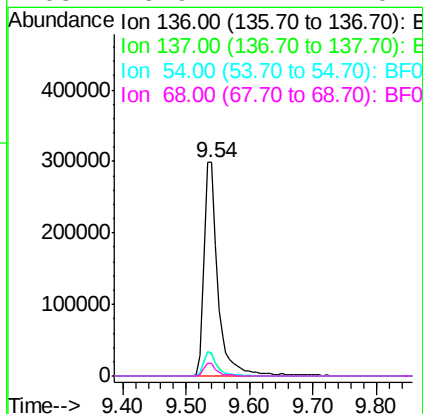
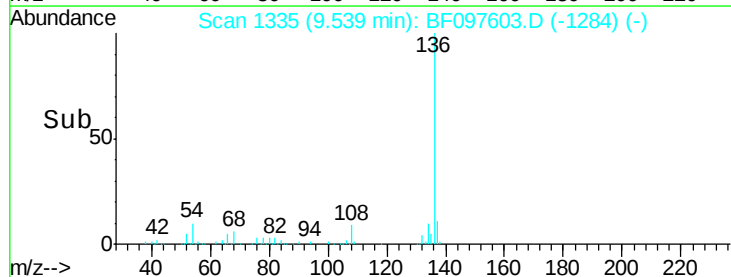
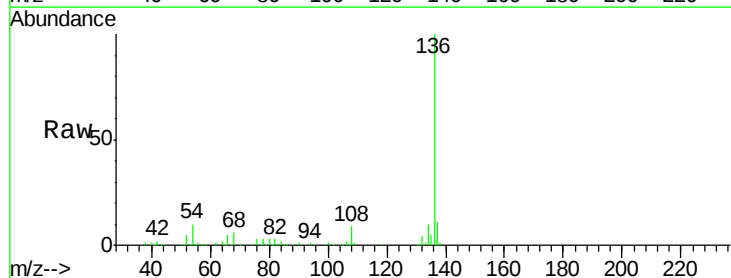
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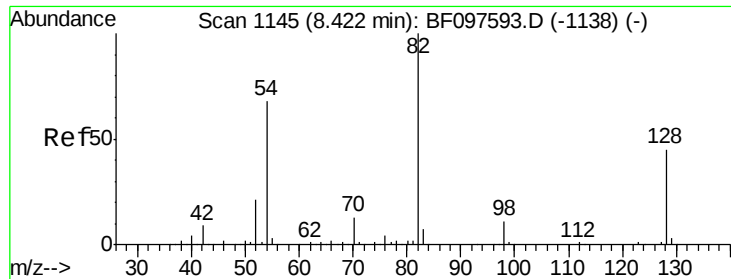
Tot Ion: 70 Resp: 42283
Ion Ratio Lower Upper
70 100
42 60.8 47.2 70.8
101 0.0 7.2 10.8#
130 2.2 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.54 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF097603.D
Acq: 11 Aug 2017 19:41

Tgt Ion: 136 Resp: 450627
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 10.0 4.9 7.3#
68 5.9 4.1 6.1

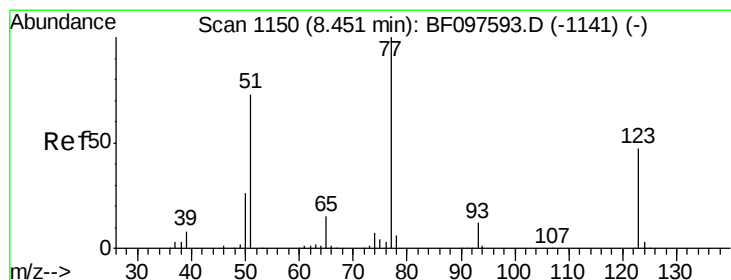
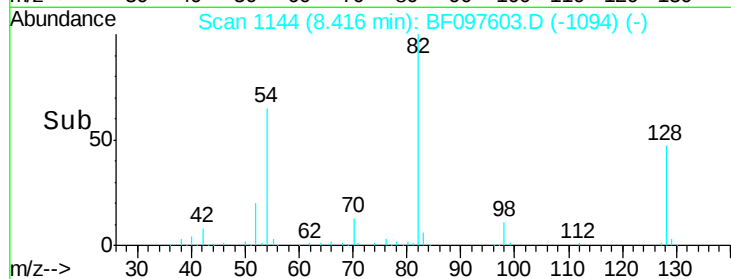
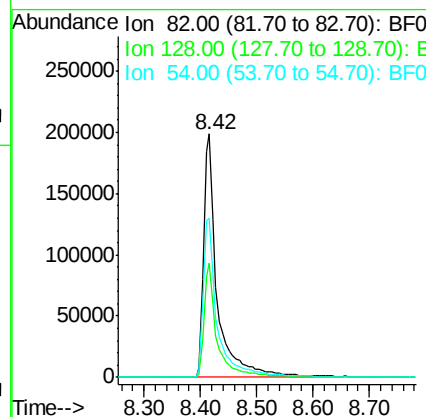
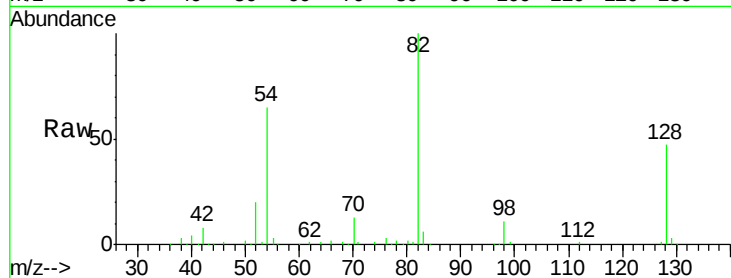




#23
 Nitrobenzene-d5
 Concen: 46.77 ng
 RT: 8.42 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF097603.D
 Acq: 11 Aug 2017 19:41

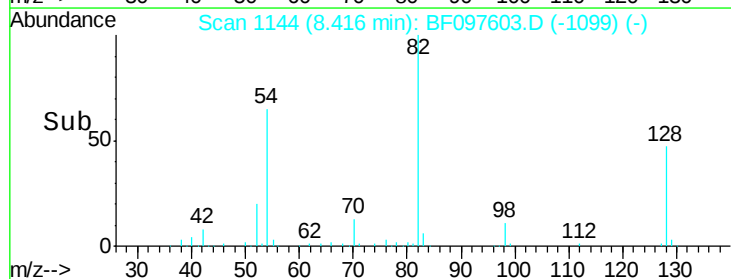
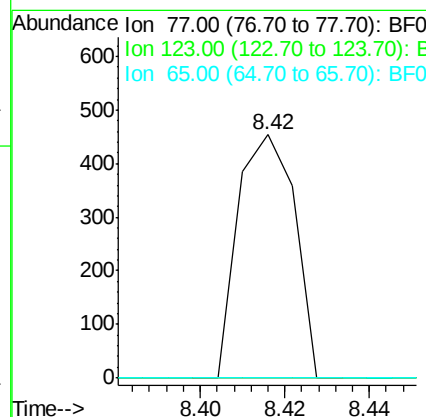
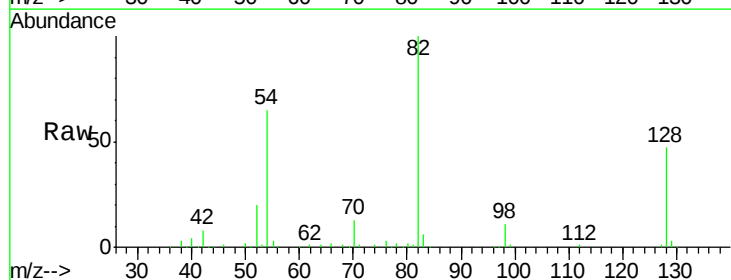
Instrument :
 BNA_F
 ClientSampleId :
 OR-02-081017

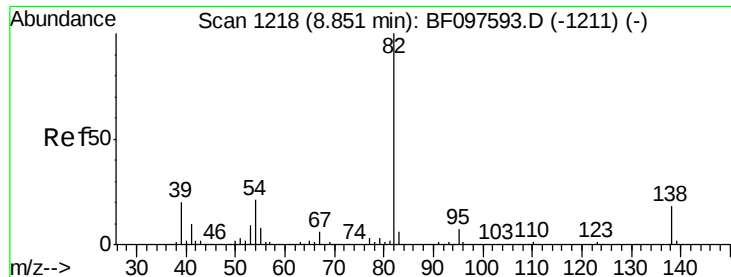
Tot Ion: 82 Resp: 336119
 Ion Ratio Lower Upper
 82 100
 128 46.9 34.0 51.0
 54 65.4 42.2 63.2#



#24
 Nitrobenzene
 Concen: 0.05 ng
 RT: 8.42 min Scan# 1144
 Delta R.T. -0.04 min
 Lab File: BF097603.D
 Acq: 11 Aug 2017 19:41

Tgt Ion: 77 Resp: 422
 Ion Ratio Lower Upper
 77 100
 123 0.0 35.8 53.8#
 65 0.0 10.6 15.8#





#25

Isophorone

Concen: 0.01 ng

RT: 8.81 min Scan# 1211

Delta R.T. -0.04 min

Lab File: BF097603.D

Acq: 11 Aug 2017 19:41

Instrument :

BNA_F

ClientSampleId :

OR-02-081017

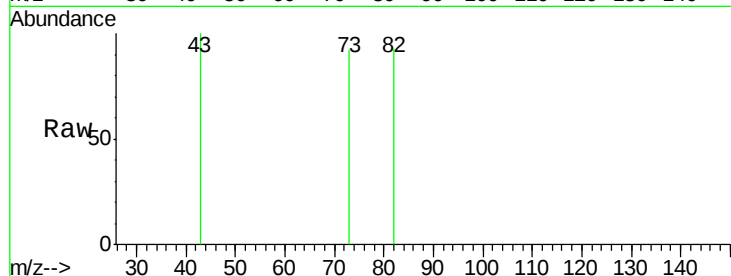
Tot Ion: 82 Resp: 125

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

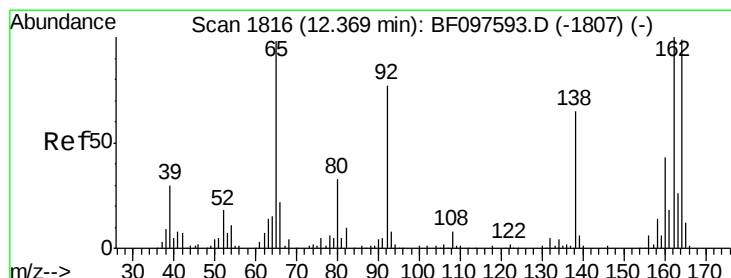
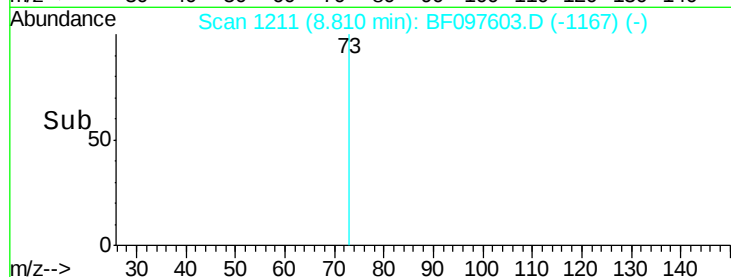
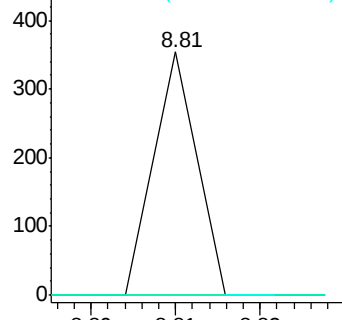
138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.36 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF097603.D

Acq: 11 Aug 2017 19:41

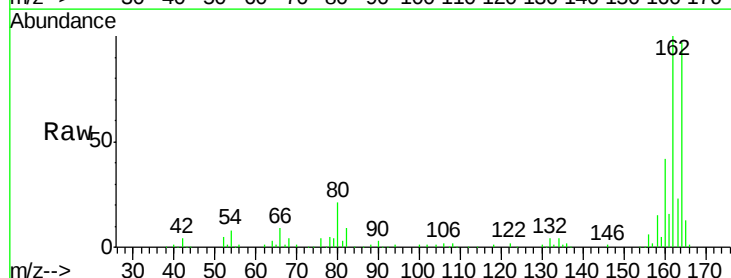
Tgt Ion:164 Resp: 177280

Ion Ratio Lower Upper

164 100

162 103.4 82.6 123.8

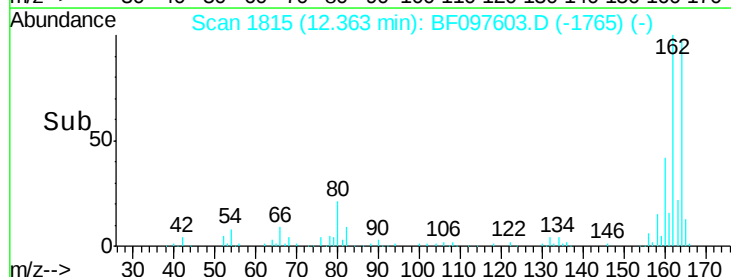
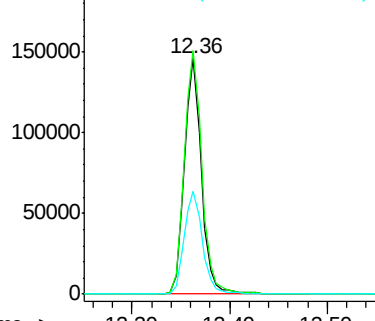
160 43.9 36.2 54.2

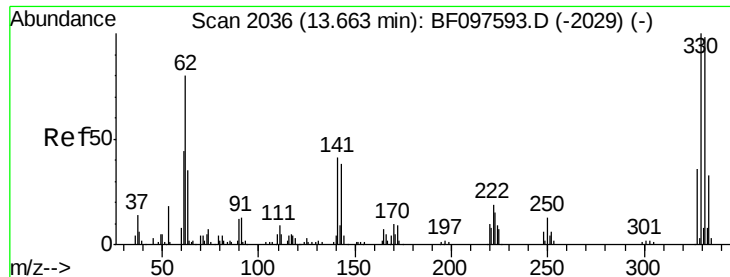


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

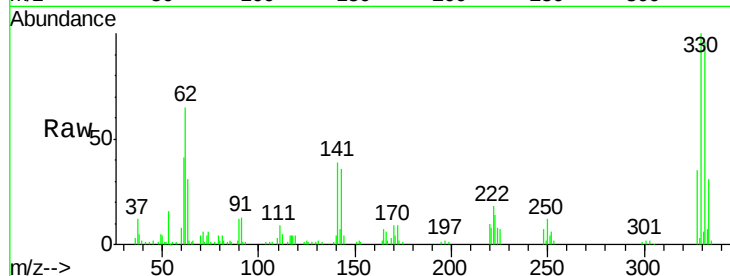




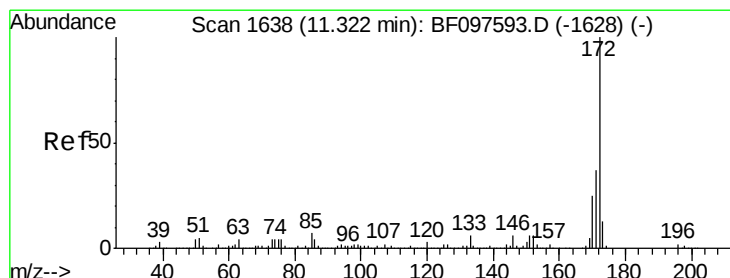
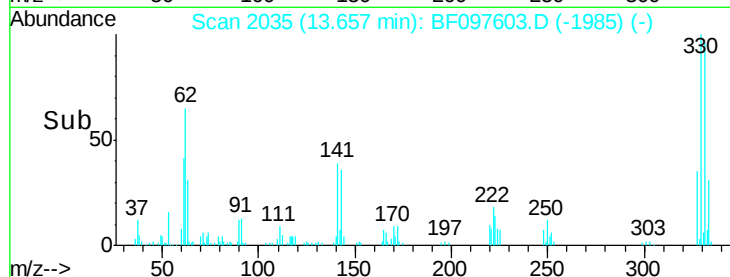
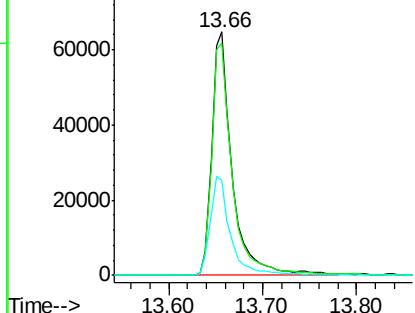
#41
 2,4,6-Tribromophenol
 Concen: 73.27 ng
 RT: 13.66 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF097603.D
 Acq: 11 Aug 2017 19:41

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-081017

Tot Ion:330 Resp: 98744
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 115.0
 141 40.4 31.4 47.2

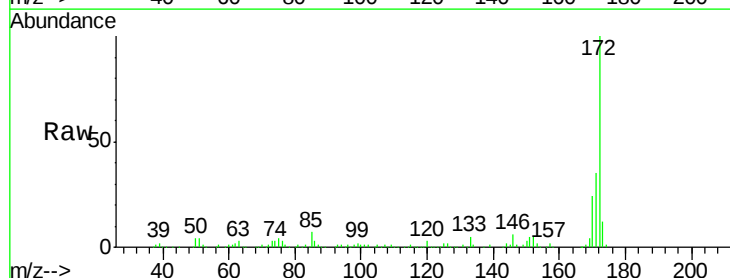


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

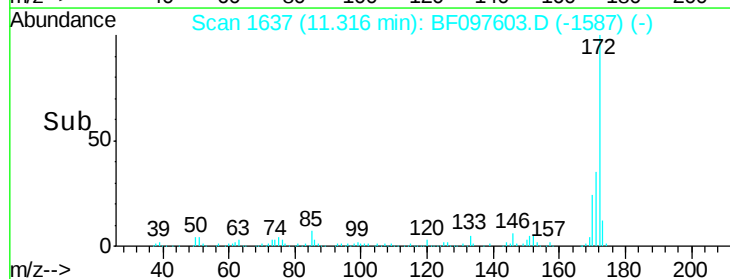
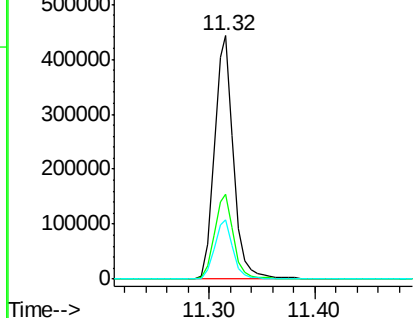


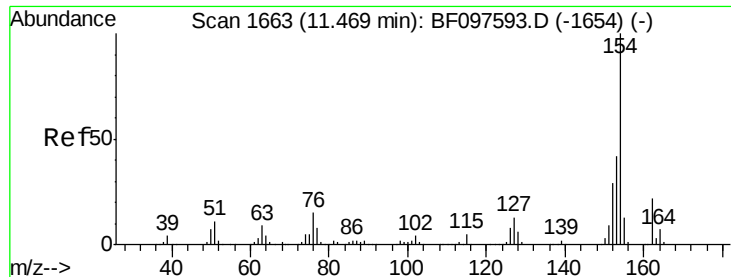
#44
 2-Fluorobiphenyl
 Concen: 47.82 ng
 RT: 11.32 min Scan# 1637
 Delta R.T. -0.01 min
 Lab File: BF097603.D
 Acq: 11 Aug 2017 19:41

Tgt Ion:172 Resp: 561680
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.6 44.4
 170 24.4 19.8 29.8



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





#45

1,1'-Biphenyl

Concen: 0.03 ng

RT: 11.49 min Scan# 1667

Delta R.T. 0.02 min

Lab File: BF097603.D

Acq: 11 Aug 2017 19:41

Instrument :

BNA_F

ClientSampleId :

OR-02-081017

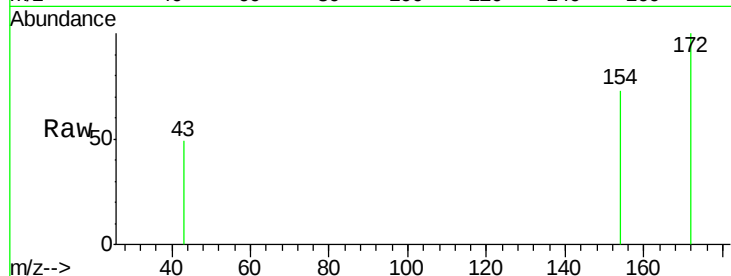
Tot Ion:154 Resp: 463

Ion Ratio Lower Upper

154 100

153 0.0 21.2 61.2#

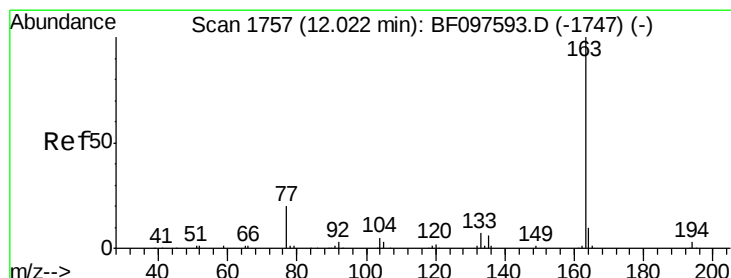
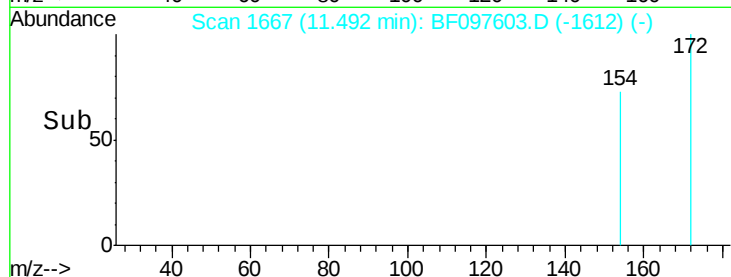
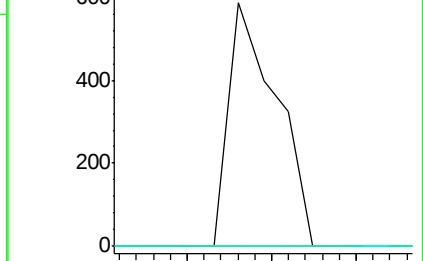
76 0.0 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#49

Dimethylphthalate

Concen: 6.87 ng

RT: 12.00 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BF097603.D

Acq: 11 Aug 2017 19:41

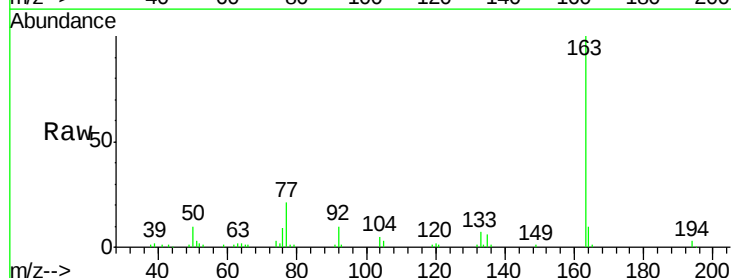
Tgt Ion:163 Resp: 93889

Ion Ratio Lower Upper

163 100

194 2.9 2.6 4.0

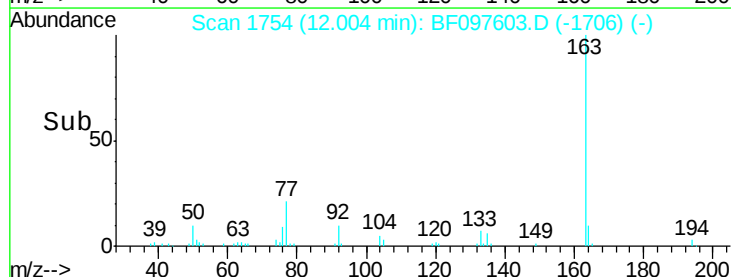
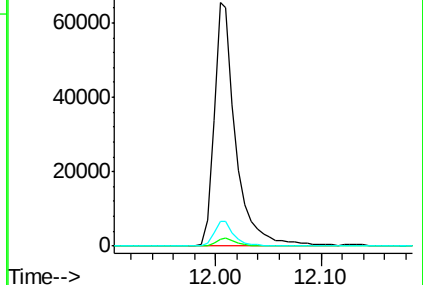
164 10.4 8.4 12.6

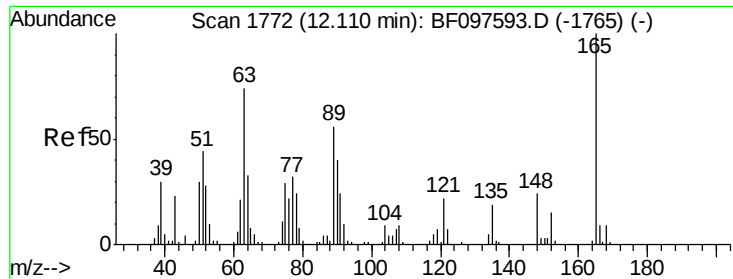


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

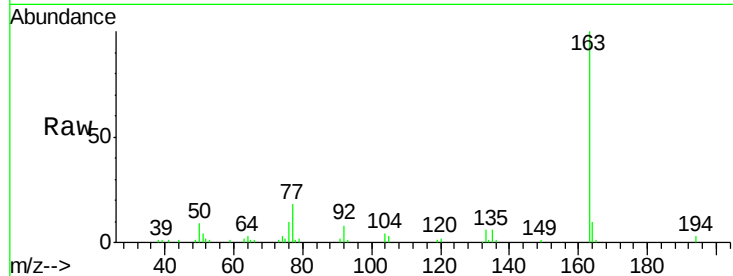




#50
 2,6-Dinitrotoluene
 Concen: 0.28 ng
 RT: 12.01 min Scan# 1755
 Delta R.T. -0.10 min
 Lab File: BF097603.D
 Acq: 11 Aug 2017 19:41

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-081017

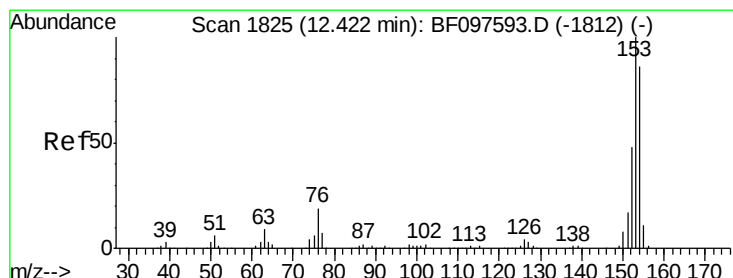
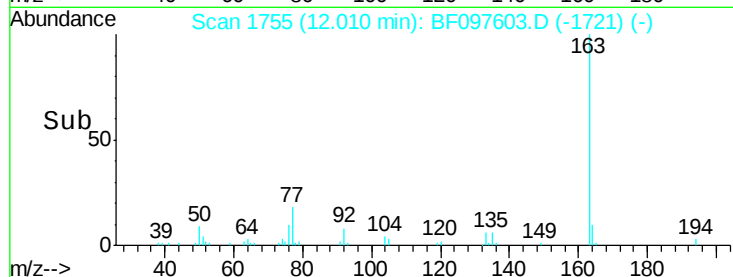
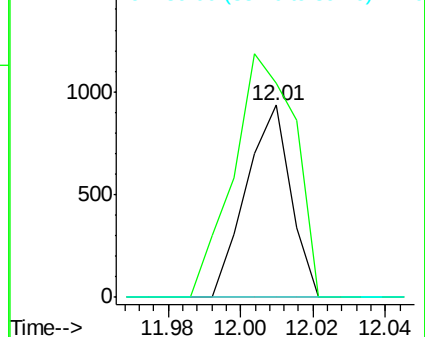
Tot Ion	Ratio	Lower	Upper
165	100		
63	111.7	34.3	51.5#
89	0.0	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

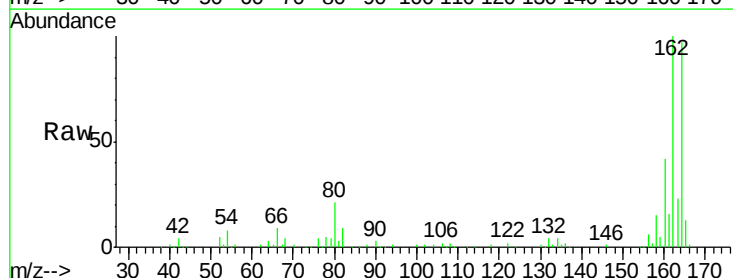
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#51
 Acenaphthene
 Concen: 0.04 ng
 RT: 12.36 min Scan# 1815
 Delta R.T. -0.06 min
 Lab File: BF097603.D
 Acq: 11 Aug 2017 19:41

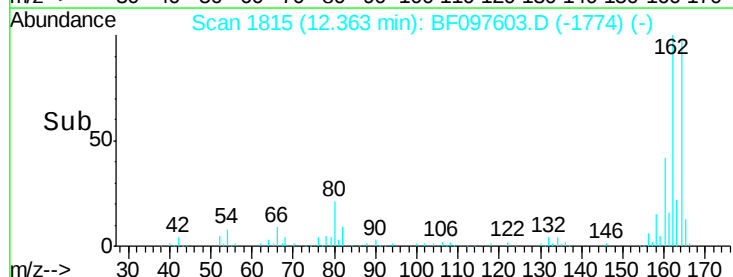
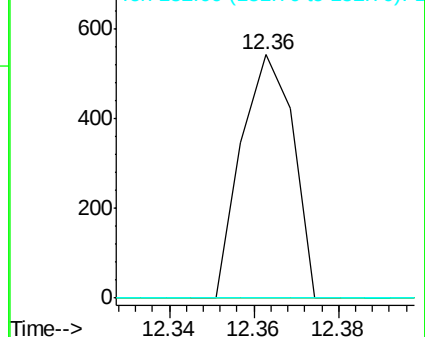
Tgt Ion	Ratio	Lower	Upper
154	100		
153	0.0	90.5	135.7#
152	0.0	43.6	65.4#

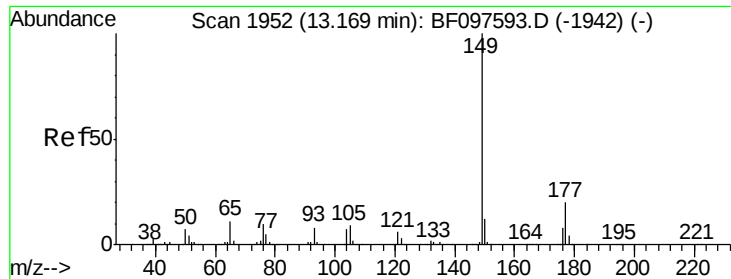


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

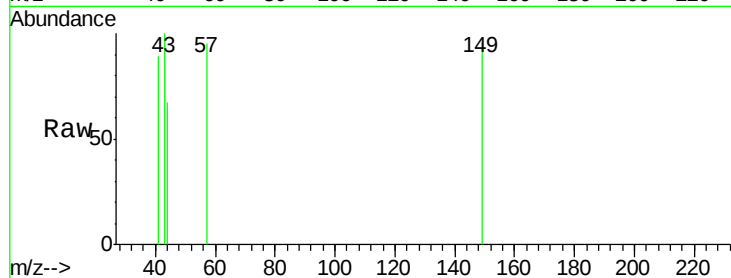




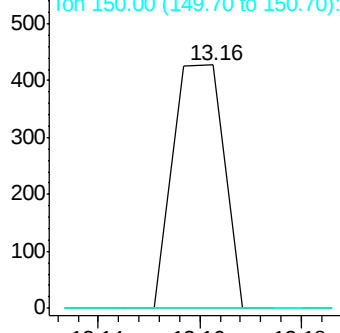
#59
Diethylphthalate
Concen: 0.02 ng
RT: 13.16 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BF097603.D
Acq: 11 Aug 2017 19:41

Instrument :
BNA_F
ClientSampleId :
OR-02-081017

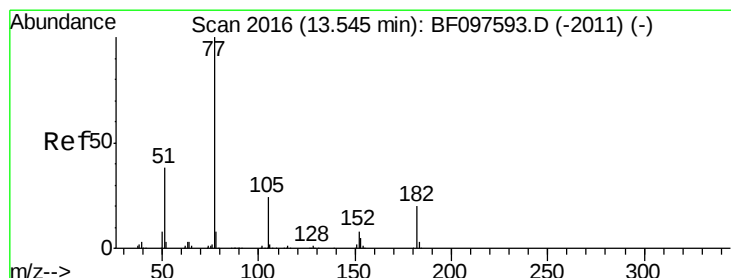
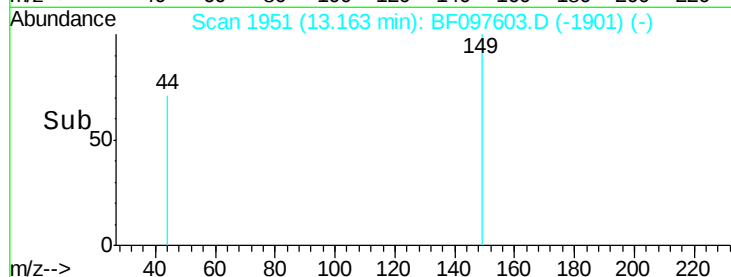
Tot Ion:149 Resp: 301
Ion Ratio Lower Upper
149 100
177 0.0 16.7 25.1#
150 0.0 10.2 15.2#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

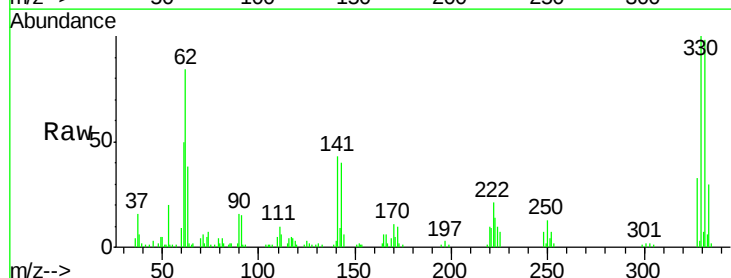


Time-->

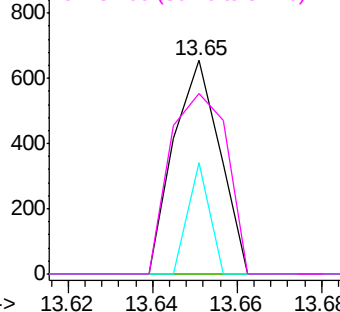


#62
Azobenzene
Concen: 0.04 ng
RT: 13.65 min Scan# 2034
Delta R.T. 0.11 min
Lab File: BF097603.D
Acq: 11 Aug 2017 19:41

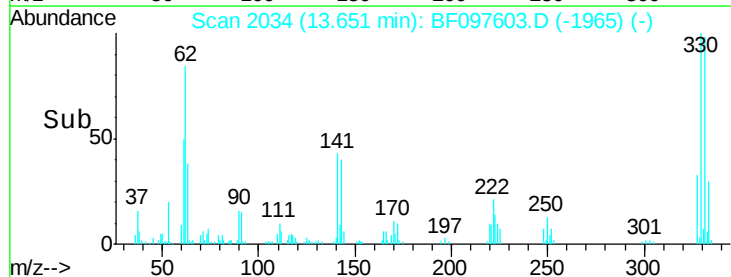
Tgt Ion: 77 Resp: 496
Ion Ratio Lower Upper
77 100
182 0.0 0.1 40.1#
105 52.1 3.6 43.6#
51 84.6 9.4 49.4#

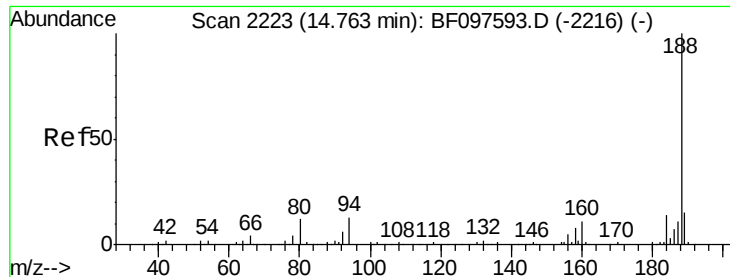


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0



Time-->

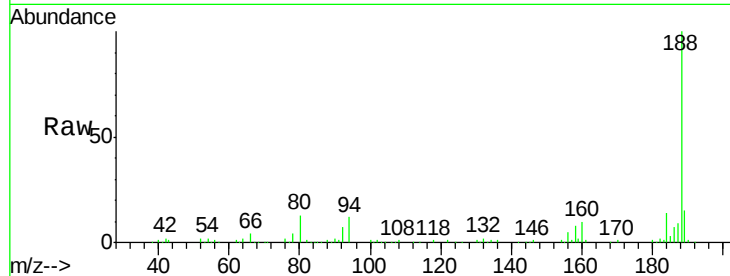




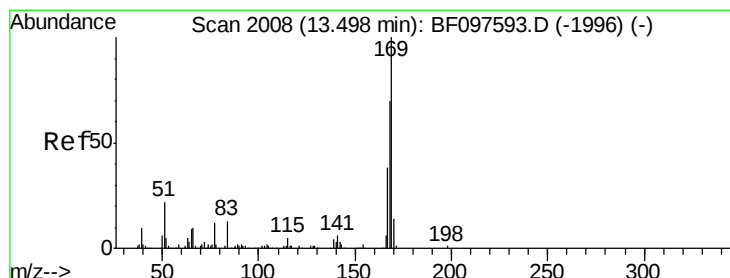
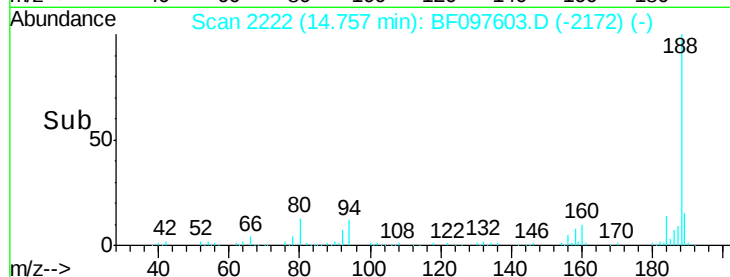
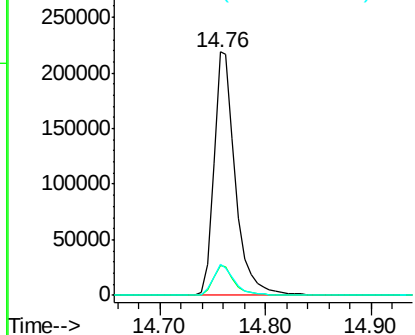
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF097603.D
Acq: 11 Aug 2017 19:41

Instrument :
BNA_F
ClientSampleId :
OR-02-081017

Tot Ion:188 Resp: 312153
Ion Ratio Lower Upper
188 100
94 12.4 9.4 14.2
80 12.6 10.2 15.2

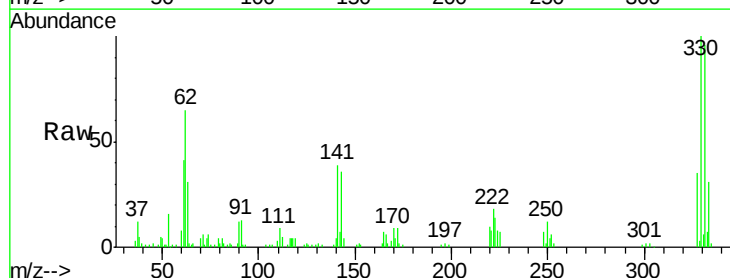


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

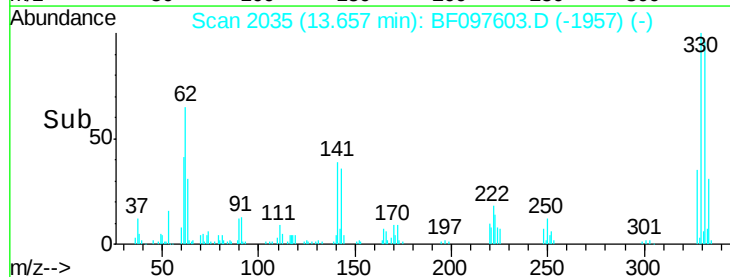
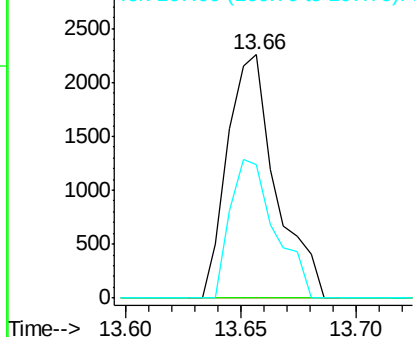


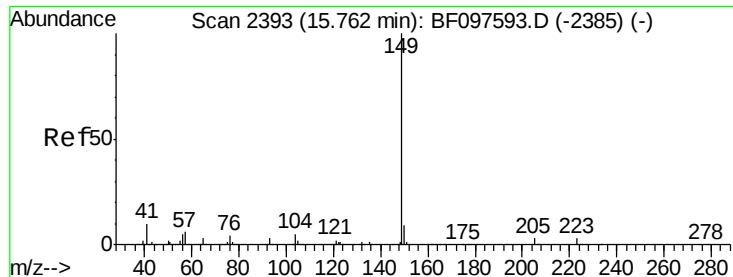
#65
n-Nitrosodiphenylamine
Concen: 0.29 ng
RT: 13.66 min Scan# 2035
Delta R.T. 0.16 min
Lab File: BF097603.D
Acq: 11 Aug 2017 19:41

Tgt Ion:169 Resp: 3290
Ion Ratio Lower Upper
169 100
168 0.0 53.2 79.8#
167 54.8 29.5 44.3#



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





#73

Di-n-butylphthalate

Concen: 0.04 ng

RT: 15.76 min Scan# 2392

Delta R.T. -0.01 min

Lab File: BF097603.D

Acq: 11 Aug 2017 19:41

Instrument :

BNA_F

ClientSampleId :

OR-02-081017

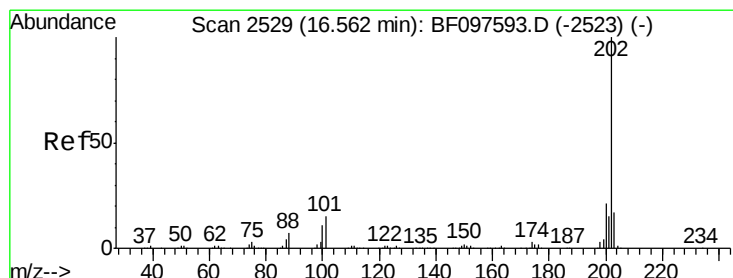
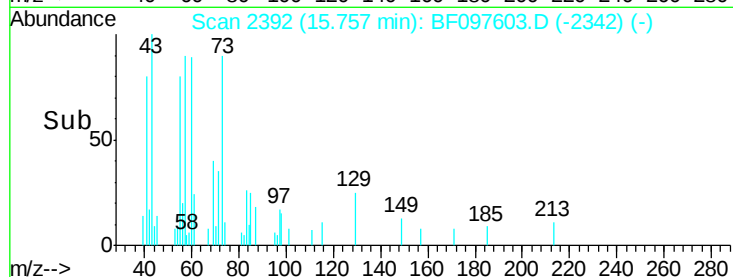
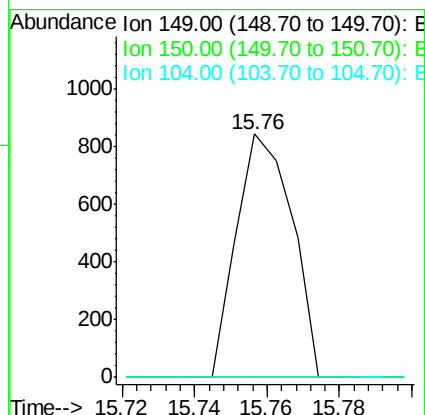
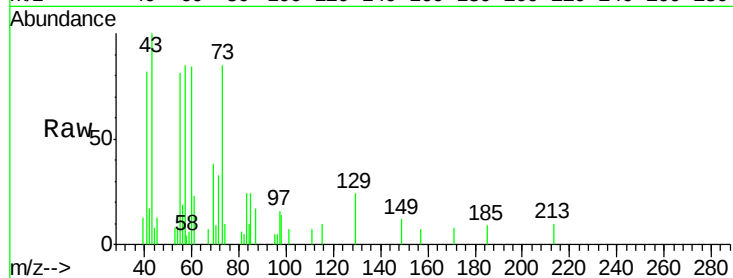
Tot Ion:149 Resp: 897

Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

104 0.0 4.0 6.0#



#74

Fluoranthene

Concen: 0.05 ng

RT: 16.60 min Scan# 2535

Delta R.T. 0.04 min

Lab File: BF097603.D

Acq: 11 Aug 2017 19:41

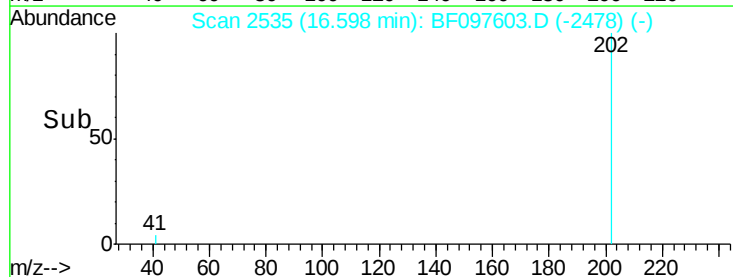
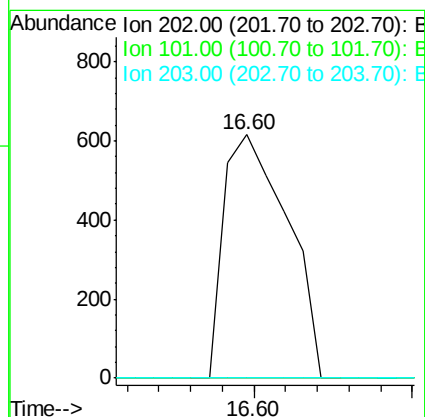
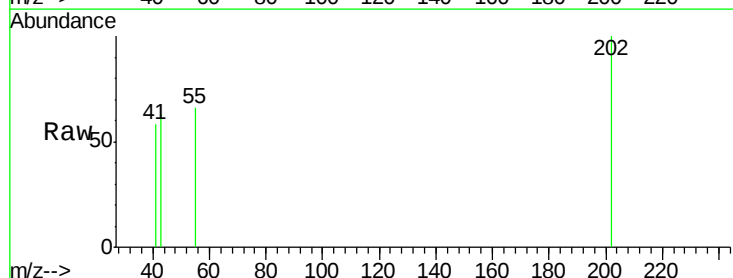
Tgt Ion:202 Resp: 853

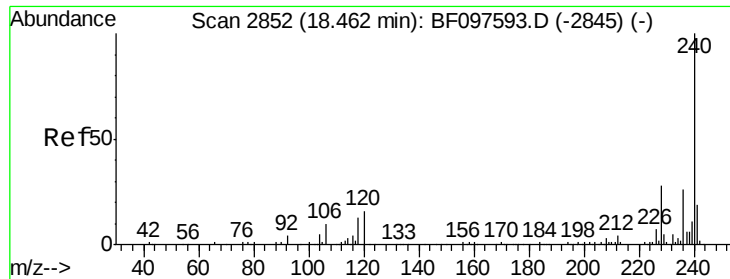
Ion Ratio Lower Upper

202 100

101 0.0 0.0 33.2

203 0.0 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.46 min Scan# 2852

Delta R.T. 0.00 min

Lab File: BF097603.D

Acq: 11 Aug 2017 19:41

Instrument :

BNA_F

ClientSampleId :

OR-02-081017

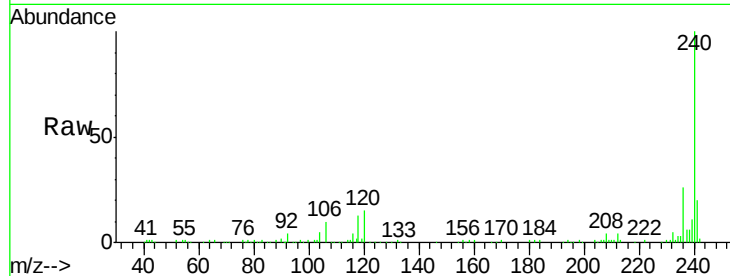
Tot Ion:240 Resp: 198752

Ion Ratio Lower Upper

240 100

120 14.7 5.8 8.8#

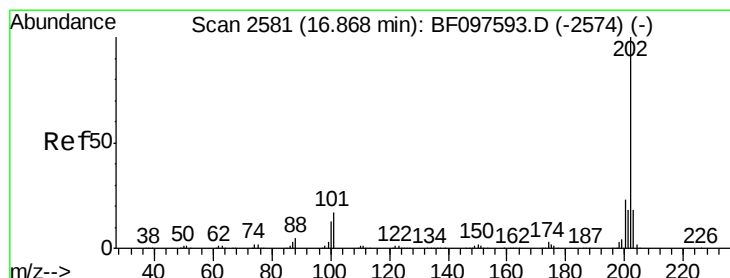
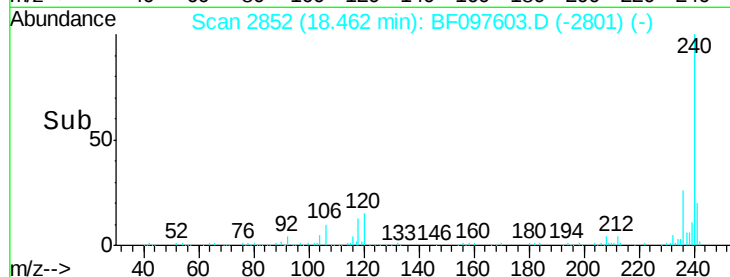
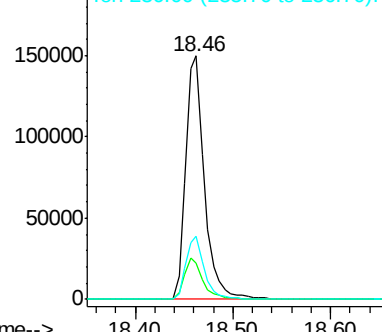
236 25.8 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 0.04 ng

RT: 16.90 min Scan# 2587

Delta R.T. 0.04 min

Lab File: BF097603.D

Acq: 11 Aug 2017 19:41

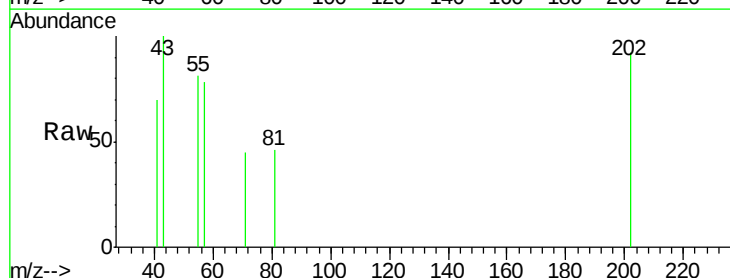
Tgt Ion:202 Resp: 706

Ion Ratio Lower Upper

202 100

200 0.0 17.6 26.4#

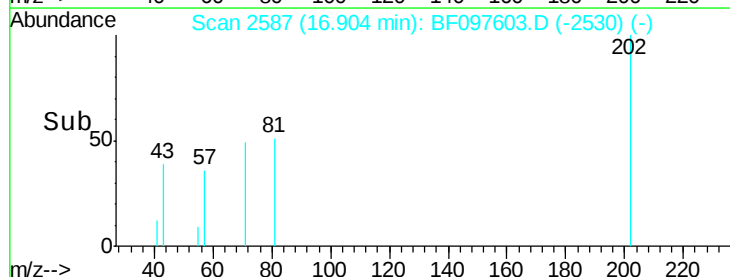
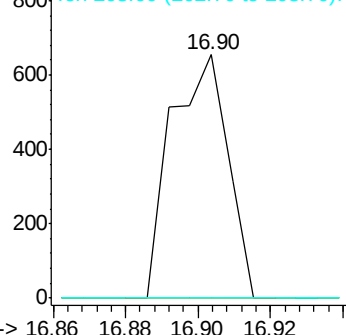
203 0.0 14.4 21.6#

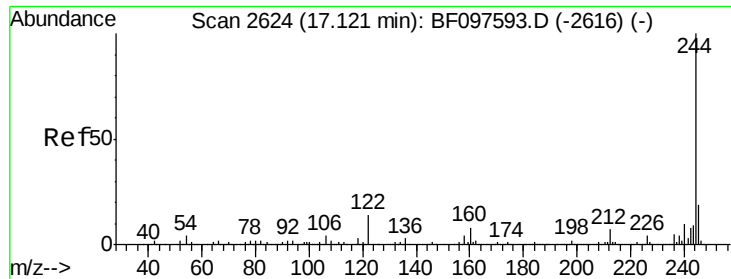


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 36.31 ng

RT: 17.12 min Scan# 2623

Delta R.T. -0.01 min

Lab File: BF097603.D

Acq: 11 Aug 2017 19:41

Instrument :

BNA_F

ClientSampleId :

OR-02-081017

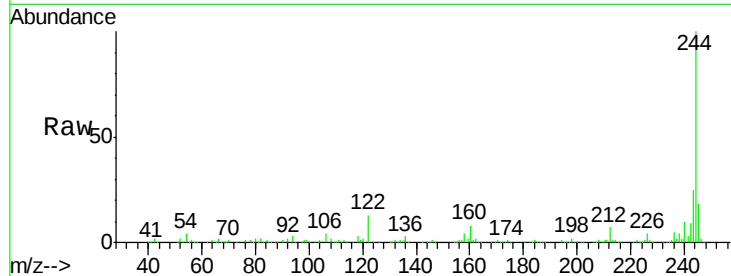
Tot Ion:244 Resp: 348655

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

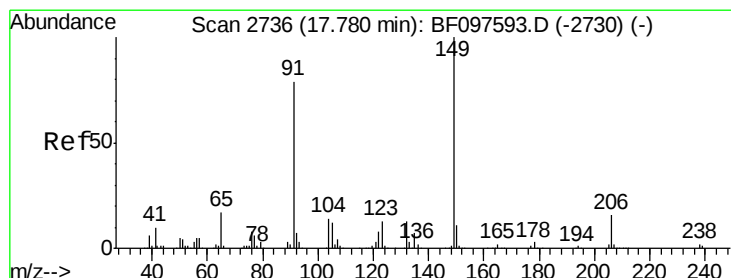
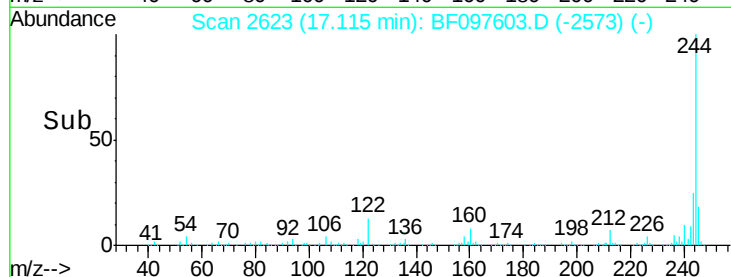
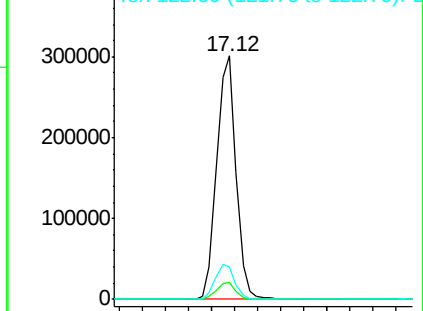
122 13.5 10.3 15.5



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



#79

Butylbenzylphthalate

Concen: 0.02 ng

RT: 17.74 min Scan# 2730

Delta R.T. -0.04 min

Lab File: BF097603.D

Acq: 11 Aug 2017 19:41

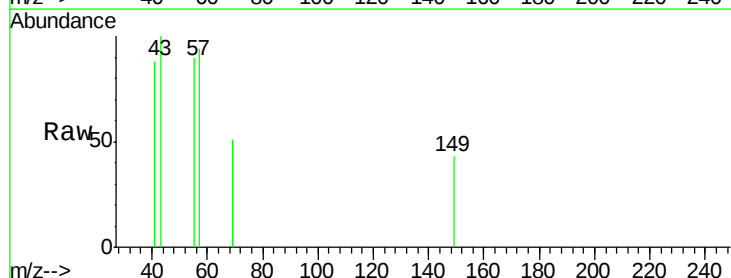
Tgt Ion:149 Resp: 115

Ion Ratio Lower Upper

149 100

91 0.0 45.0 67.4#

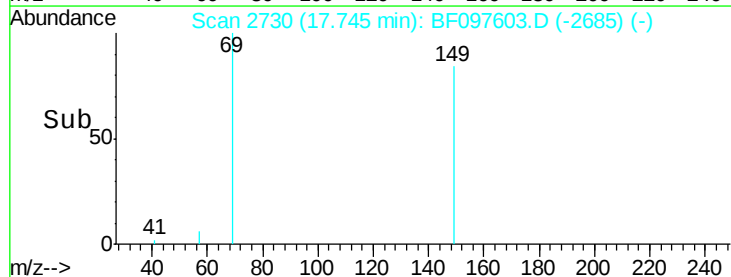
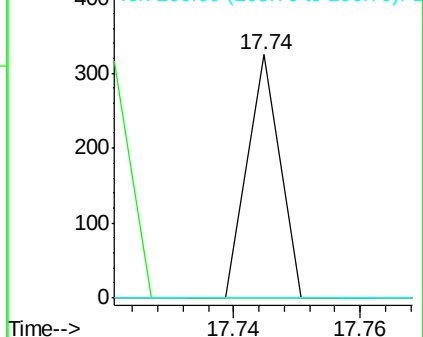
206 0.0 17.0 25.6#

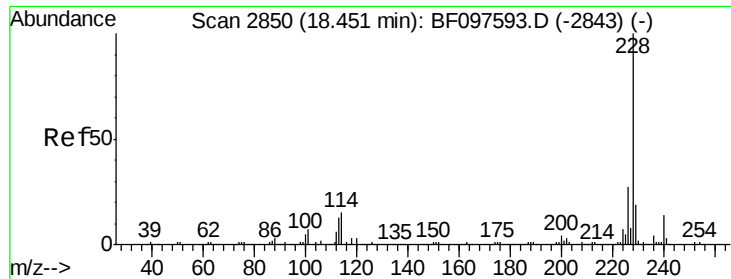


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.07 ng

RT: 18.46 min Scan# 2851

Delta R.T. 0.01 min

Lab File: BF097603.D

Acq: 11 Aug 2017 19:41

Instrument :

BNA_F

ClientSampleId :

OR-02-081017

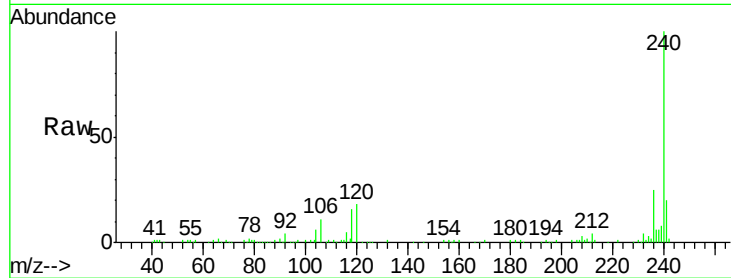
Tot Ion:228 Resp: 816

Ion Ratio Lower Upper

228 100

226 0.0 22.6 33.8#

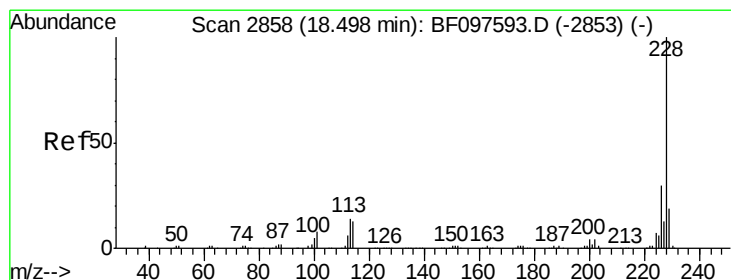
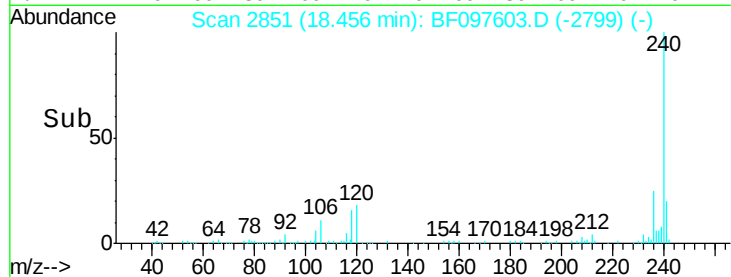
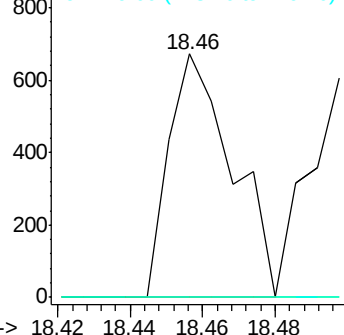
229 0.0 16.3 24.5#



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: 0.04 ng

RT: 18.50 min Scan# 2858

Delta R.T. 0.00 min

Lab File: BF097603.D

Acq: 11 Aug 2017 19:41

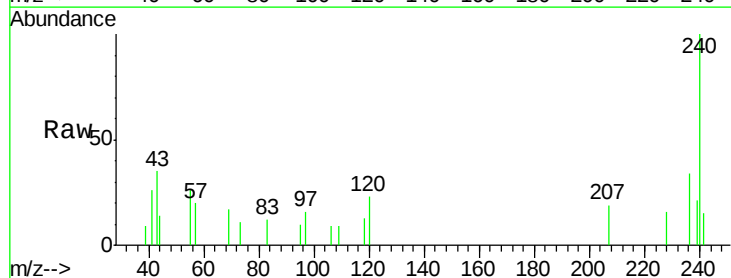
Tgt Ion:228 Resp: 452

Ion Ratio Lower Upper

228 100

226 0.0 24.9 37.3#

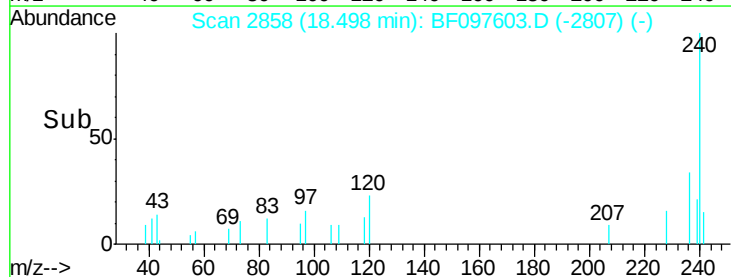
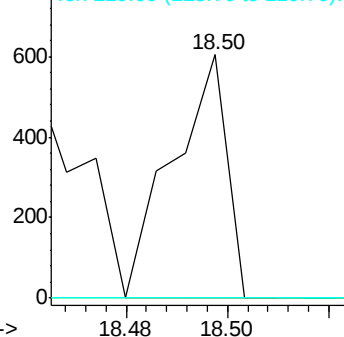
229 0.0 15.8 23.6#

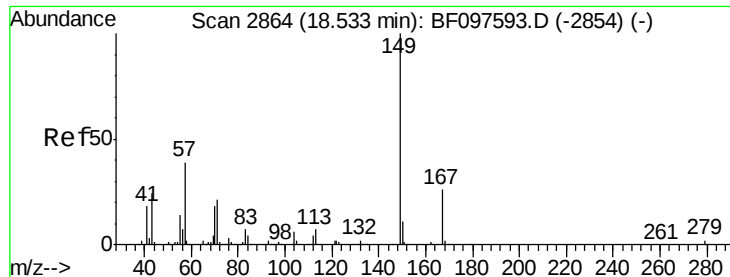


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

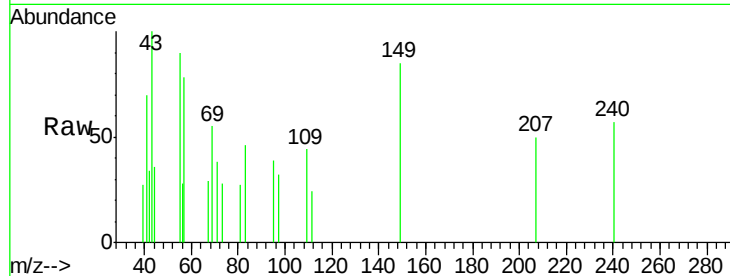




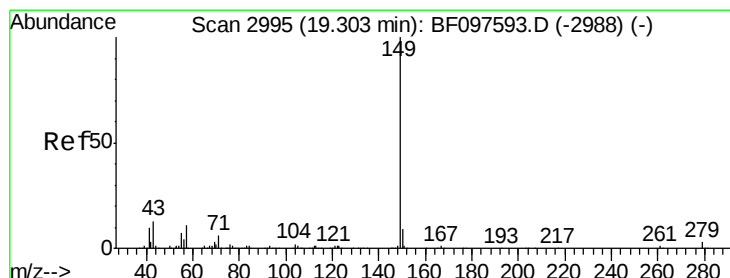
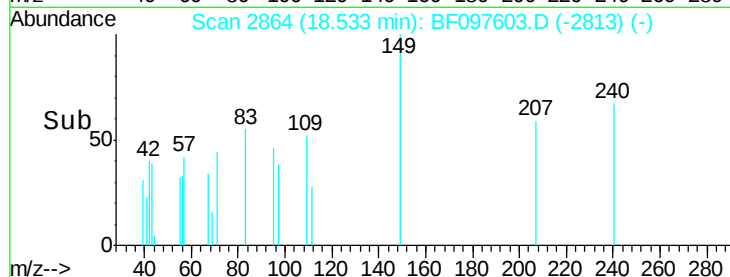
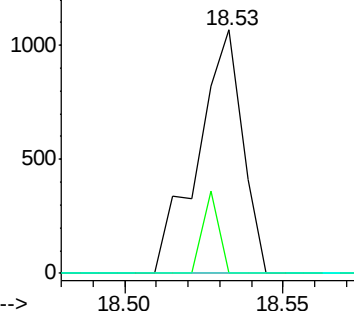
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.11 ng
 RT: 18.53 min Scan# 2864
 Delta R.T. 0.00 min
 Lab File: BF097603.D
 Acq: 11 Aug 2017 19:41

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-081017

Tot Ion:149 Resp: 1048
 Ion Ratio Lower Upper
 149 100
 167 0.0 21.0 31.4#
 279 0.0 1.9 2.9#

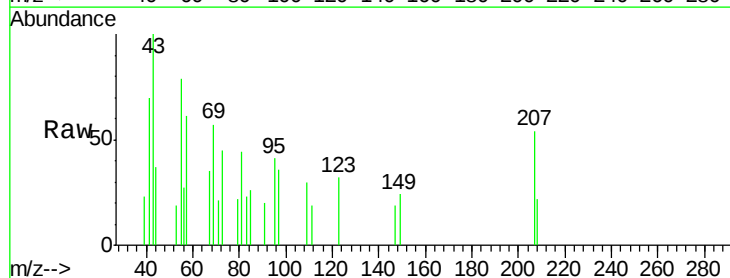


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

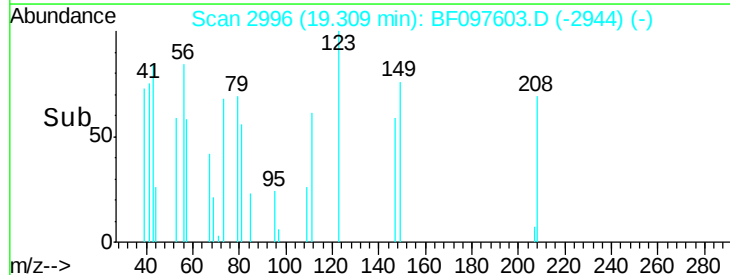
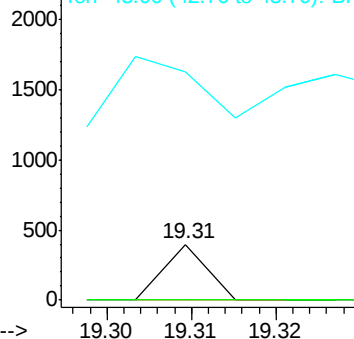


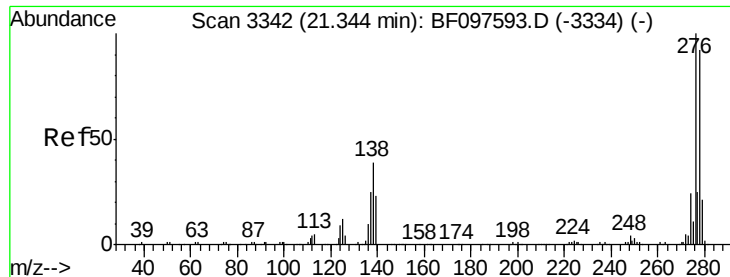
#84
 Di-n-octyl phthalate
 Concen: 0.01 ng
 RT: 19.31 min Scan# 2996
 Delta R.T. 0.01 min
 Lab File: BF097603.D
 Acq: 11 Aug 2017 19:41

Tgt Ion:149 Resp: 141
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 510.6 8.5 12.7#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

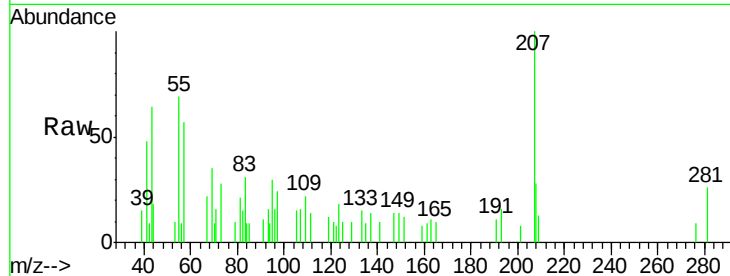




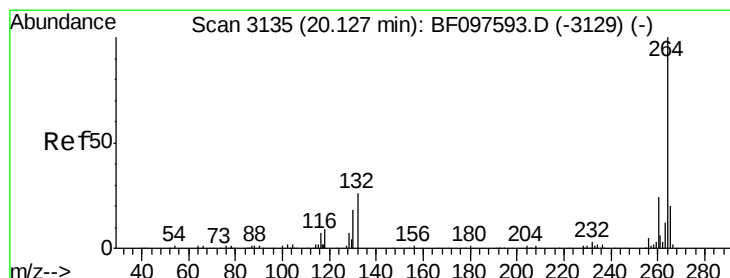
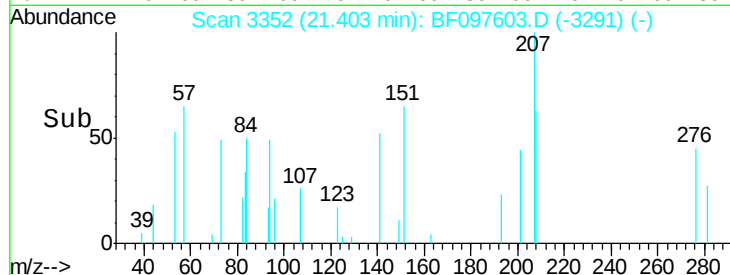
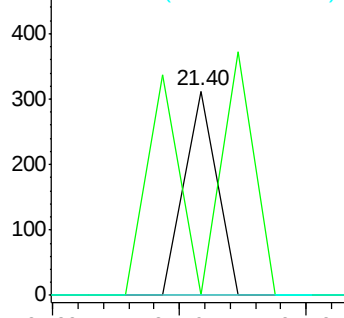
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 0.01 ng
 RT: 21.40 min Scan# 3352
 Delta R.T. 0.06 min
 Lab File: BF097603.D
 Acq: 11 Aug 2017 19:41

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-081017

Tot Ion:276 Resp: 110
 Ion Ratio Lower Upper
 276 100
 138 228.2 27.8 41.6#
 277 0.0 20.2 30.4#

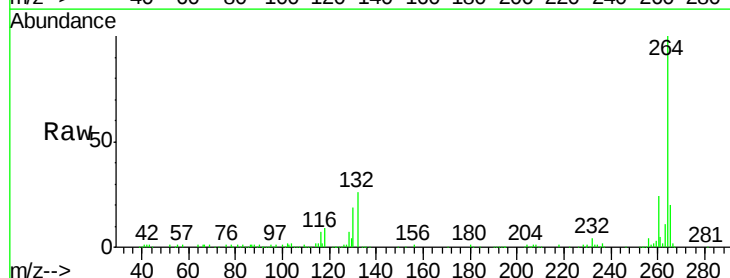


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

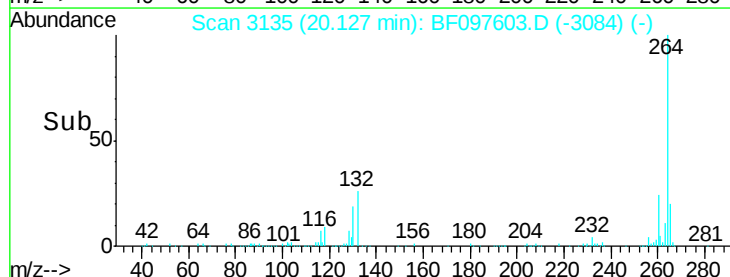
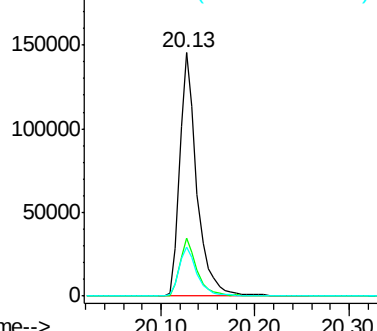


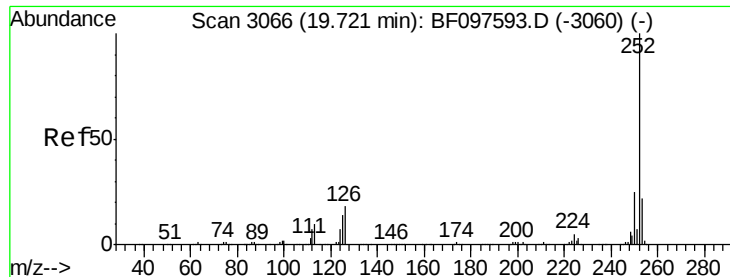
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.13 min Scan# 3135
 Delta R.T. 0.00 min
 Lab File: BF097603.D
 Acq: 11 Aug 2017 19:41

Tgt Ion:264 Resp: 187657
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 20.4 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 0.11 ng

RT: 19.75 min Scan# 3071

Delta R.T. 0.03 min

Lab File: BF097603.D

Acq: 11 Aug 2017 19:41

Instrument :

BNA_F

ClientSampleId :

OR-02-081017

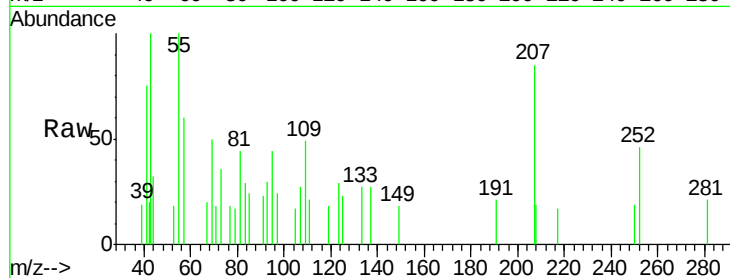
Tot Ion:252 Resp: 1281

Ion Ratio Lower Upper

252 100

253 0.0 18.1 27.1#

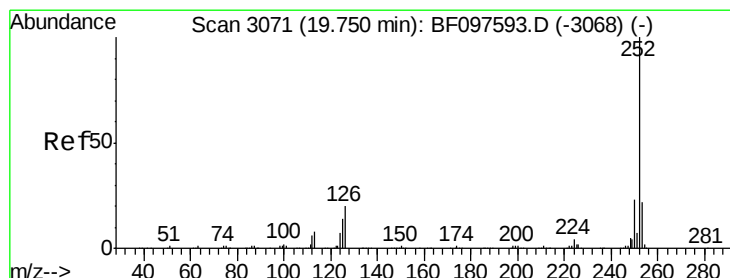
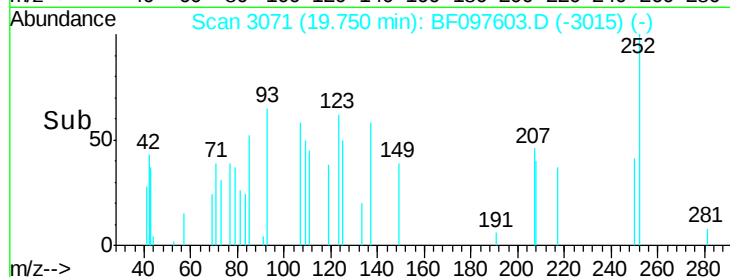
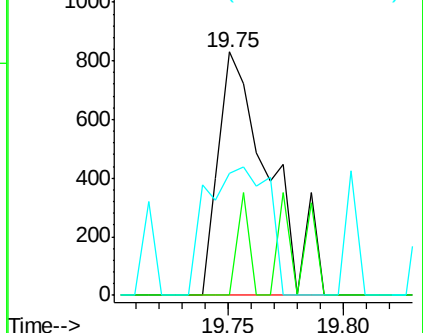
125 50.3 9.8 14.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 0.11 ng

RT: 19.75 min Scan# 3071

Delta R.T. 0.00 min

Lab File: BF097603.D

Acq: 11 Aug 2017 19:41

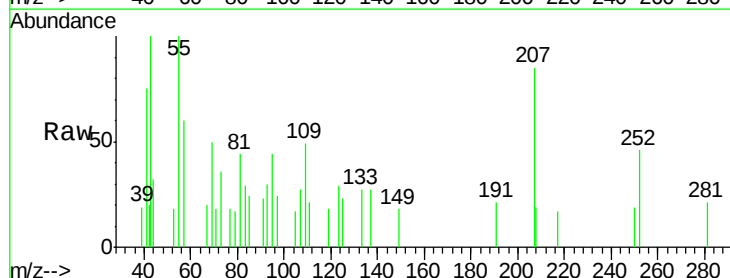
Tgt Ion:252 Resp: 1281

Ion Ratio Lower Upper

252 100

253 0.0 18.4 27.6#

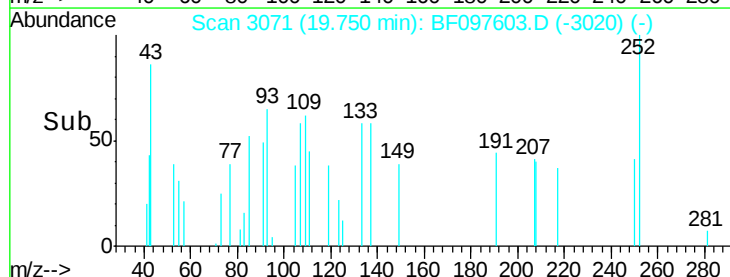
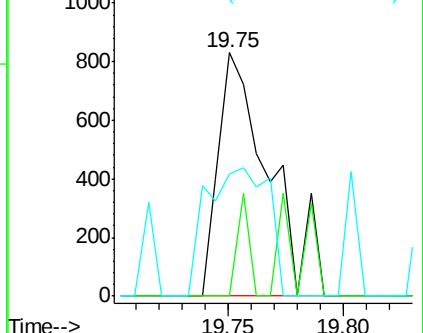
125 50.3 13.1 19.7#

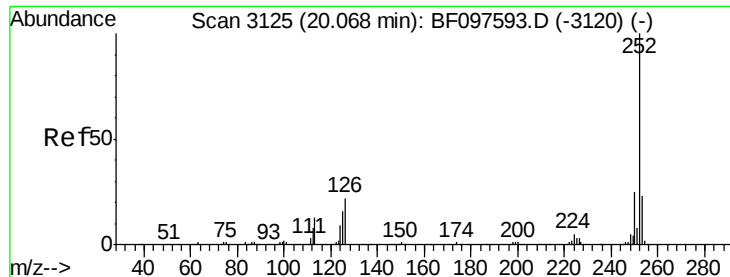


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 0.06 ng

RT: 20.09 min Scan# 3129

Delta R.T. 0.02 min

Lab File: BF097603.D

Acq: 11 Aug 2017 19:41

Instrument :

BNA_F

ClientSampleId :

OR-02-081017

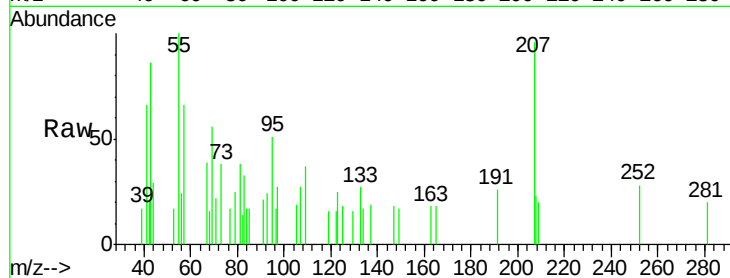
Tot Ion:252 Resp: 602

Ion Ratio Lower Upper

252 100

253 0.0 17.5 26.3#

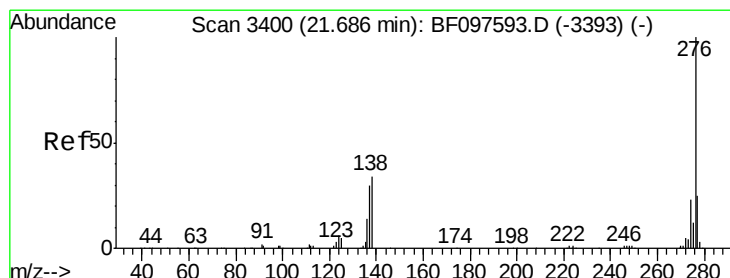
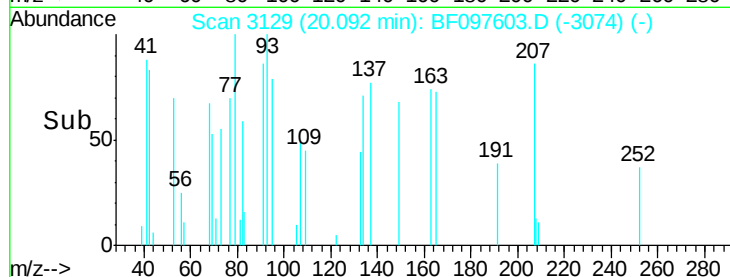
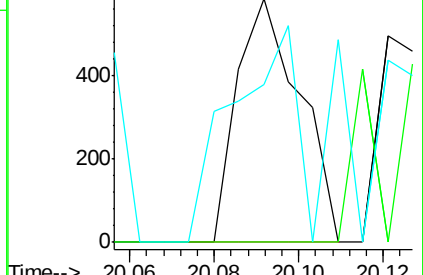
125 64.7 11.0 16.4#



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



#91

Benzo(g,h,i)perylene

Concen: 0.01 ng

RT: 21.75 min Scan# 3411

Delta R.T. 0.07 min

Lab File: BF097603.D

Acq: 11 Aug 2017 19:41

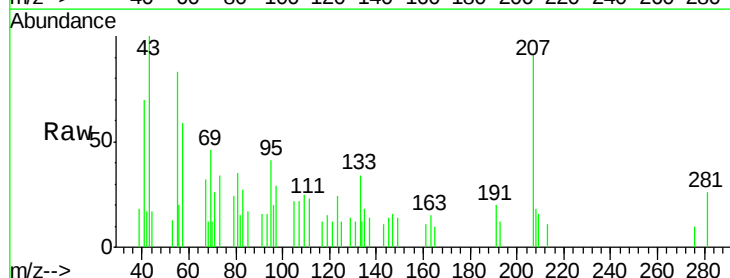
Tgt Ion:276 Resp: 109

Ion Ratio Lower Upper

276 100

277 0.0 18.6 28.0#

138 0.0 25.4 38.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

