

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070617\
 Data File : BF096530.D
 Acq On : 6 Jul 2017 13:53
 Operator : SJ/MA
 Sample : I4053-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-070317-C

Quant Time: Jul 06 18:24:58 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 05 13:27:10 2017
 Response via : Initial Calibration

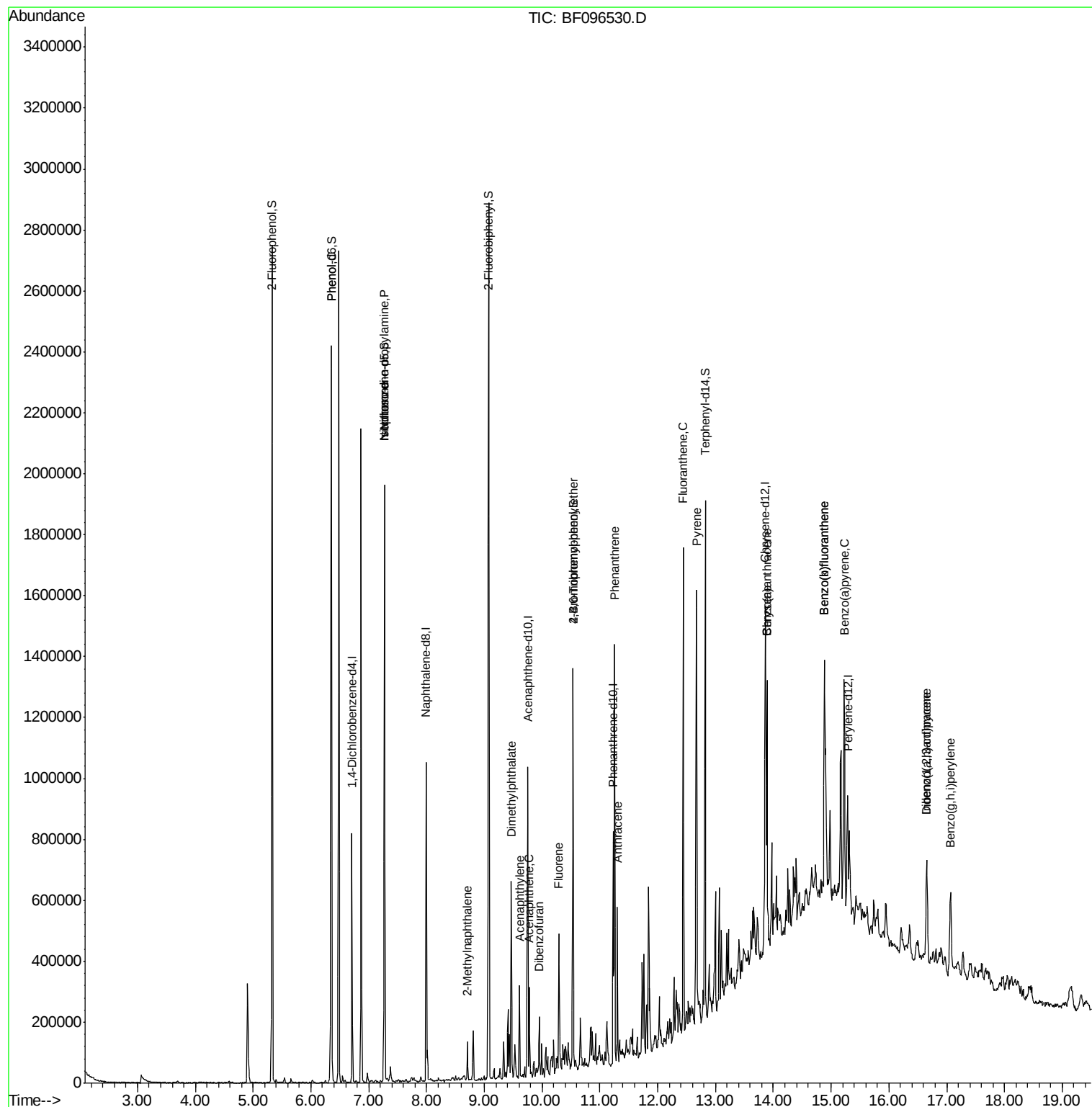
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	124149	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	496187	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	198044	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	294510	20.00	ng	0.00
75) Chrysene-d12	13.87	240	230106	20.00	ng	0.00
86) Perylene-d12	15.29	264	177445	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	824665	98.04	ng	0.00
7) Phenol-d6	6.36	99	920747	89.04	ng	0.00
23) Nitrobenzene-d5	7.27	82	588586	71.28	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	140051	90.53	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	894964	77.26	ng	0.00
78) Terphenyl-d14	12.82	244	557334	51.76	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.36	94	29208	2.479	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	76909	12.485	ng	# 87
25) Isophorone	7.27	82	586113	36.609	ng	# 67
37) 2-Methylnaphthalene	8.71	142	32544	2.183	ng	97
48) Acenaphthylene	9.61	152	101129	5.047	ng	97
49) Dimethylphthalate	9.47	163	225281	15.238	ng	98
51) Acenaphthene	9.78	154	54394	4.404	ng	98
54) Dibenzofuran	9.95	168	43788	2.685	ng	# 94
57) Fluorene	10.29	166	117165	10.173	ng	99
66) 4-Bromophenyl-phenylether	10.53	248	9115	3.179	ng	# 1
70) Phenanthrene	11.26	178	471877	29.640	ng	99
71) Anthracene	11.30	178	174425	10.751	ng	98
74) Fluoranthene	12.44	202	613996	39.336	ng	99
77) Pyrene	12.67	202	648999	35.138	ng	99
80) Benzo(a)anthracene	13.89	228	319107	23.948	ng	95
82) Chrysene	13.89	228	319107	22.868	ng	97
85) Indeno(1,2,3-cd)pyrene	16.66	276	211217	19.176	ng	98
87) Benzo(b)fluoranthene	14.89	252	602099	54.152	ng	# 95
88) Benzo(k)fluoranthene	14.89	252	602099	60.538	ng	98
89) Benzo(a)pyrene	15.23	252	350956	35.355	ng	96
90) Dibenzo(a,h)anthracene	16.66	278	52367	6.706	ng	# 84
91) Benzo(g,h,i)perylene	17.07	276	201894	24.949	ng	99

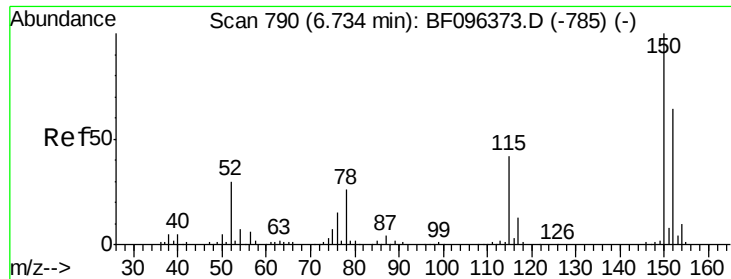
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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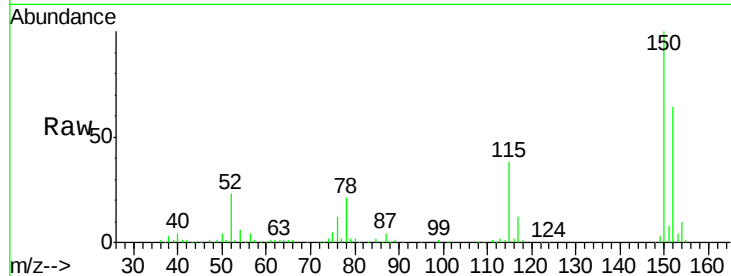


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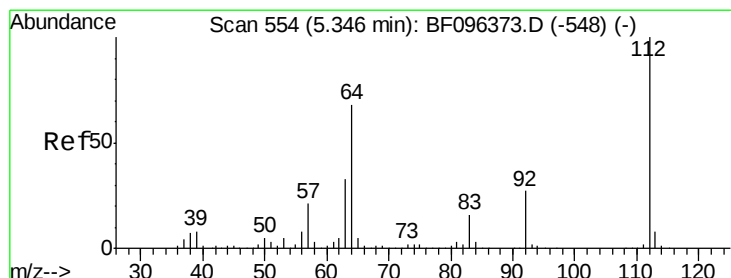
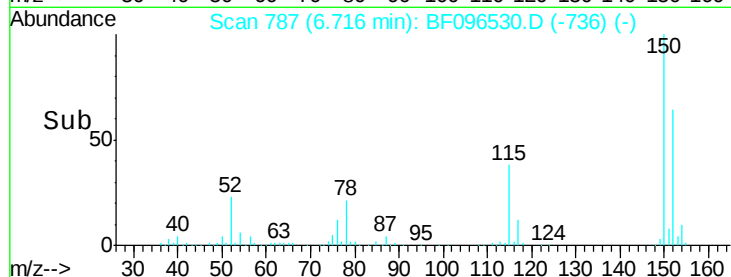
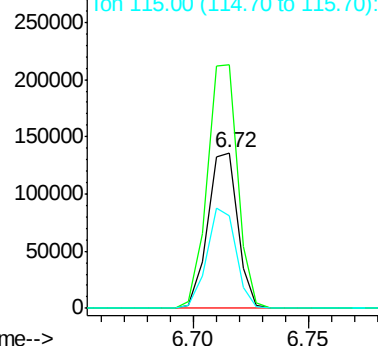
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF096530.D
Acq: 6 Jul 2017 13:53

Instrument :
BNA_F
ClientSampleId :
CL-02-070317-C

Tgt Ion:152 Resp: 124149
Ion Ratio Lower Upper
152 100
150 156.4 126.2 189.2
115 59.6 52.2 78.2



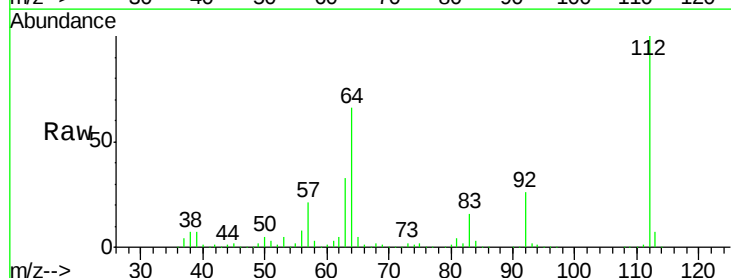
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



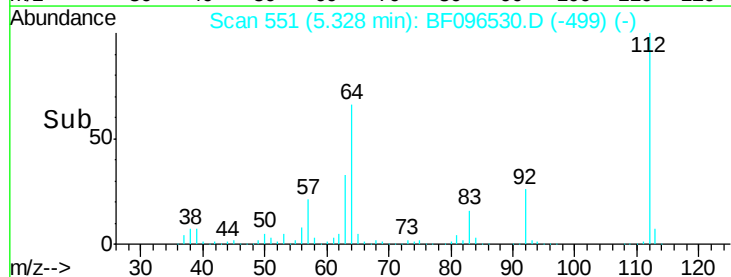
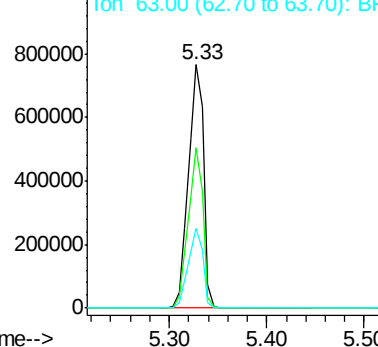
#5

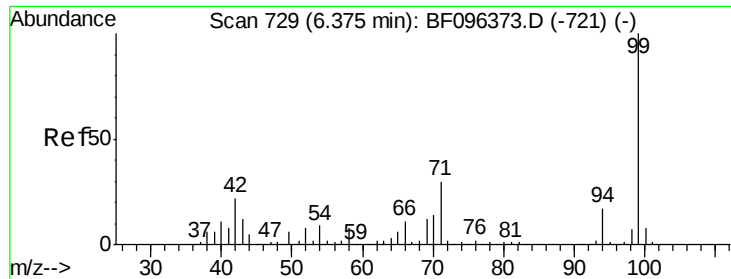
2-Fluorophenol
Concen: 98.042 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF096530.D
Acq: 6 Jul 2017 13:53

Tgt Ion:112 Resp: 824665
Ion Ratio Lower Upper
112 100
64 65.7 46.0 69.0
63 32.7 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: 89.042 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF096530.D

Acq: 6 Jul 2017 13:53

Instrument :

BNA_F

ClientSampleId :

CL-02-070317-C

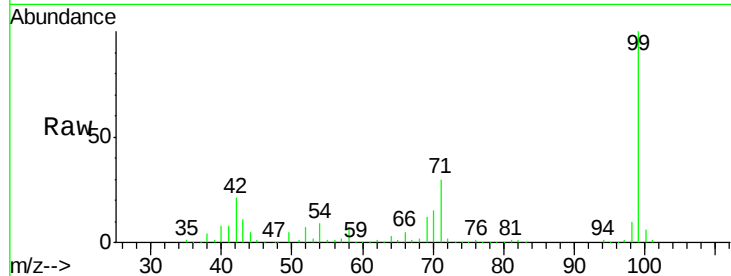
Tgt Ion: 99 Resp: 920747

Ion Ratio Lower Upper

99 100

42 20.9 13.5 20.3#

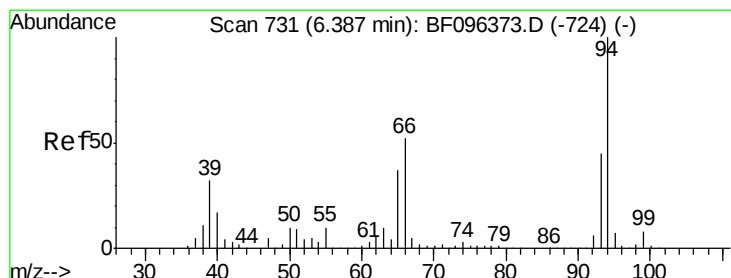
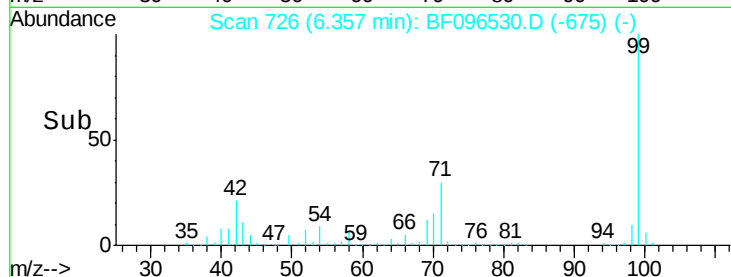
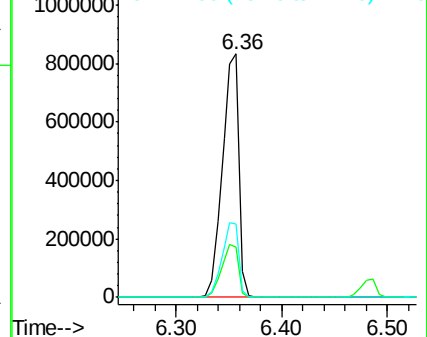
71 30.4 24.5 36.7



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



#10

Phenol

Concen: 2.479 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF096530.D

Acq: 6 Jul 2017 13:53

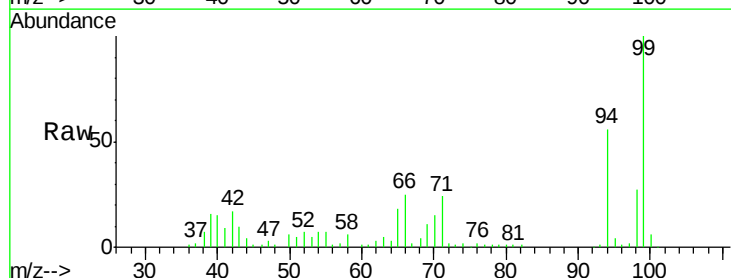
Tgt Ion: 94 Resp: 29208

Ion Ratio Lower Upper

94 100

65 32.3 9.9 49.9

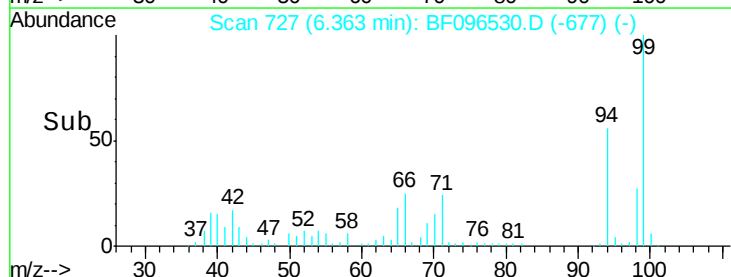
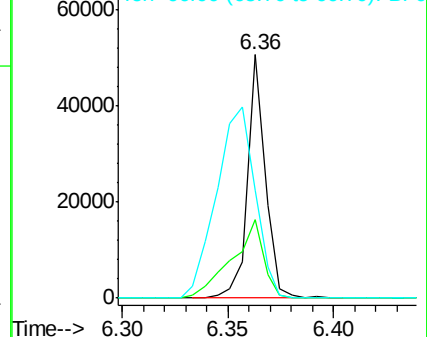
66 44.1 23.1 63.1

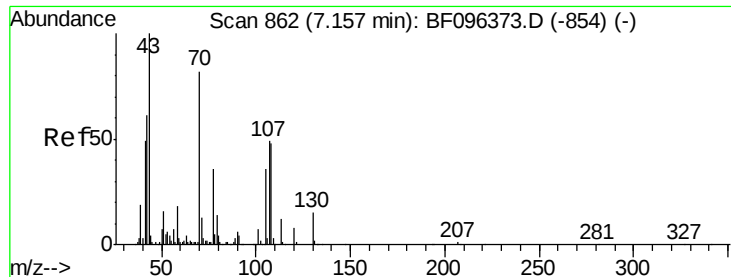


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

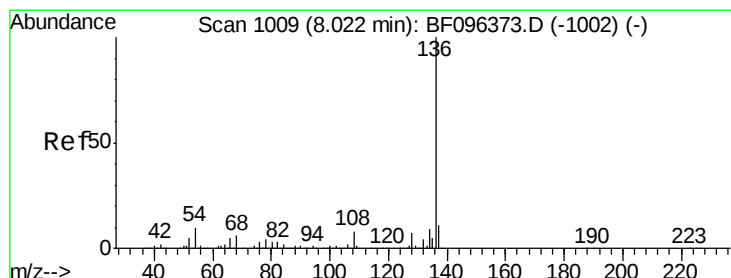
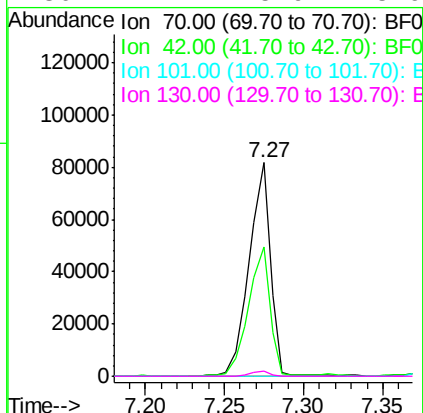
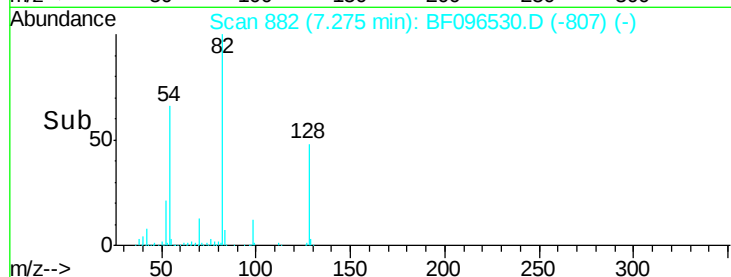
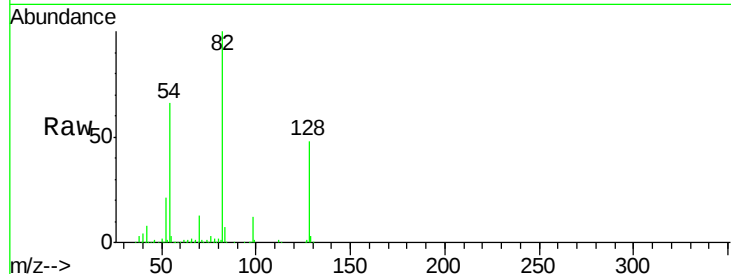




#19
n-Nitroso-di-n-propylamine
Concen: 12.485 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.14 min
Lab File: BF096530.D
Acq: 6 Jul 2017 13:53

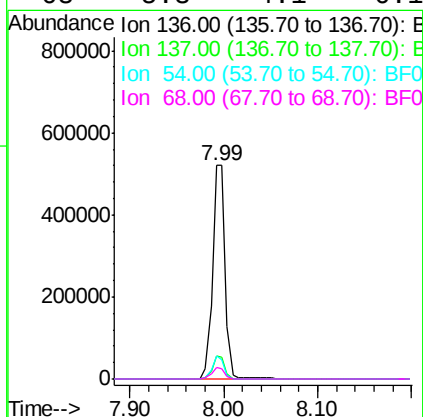
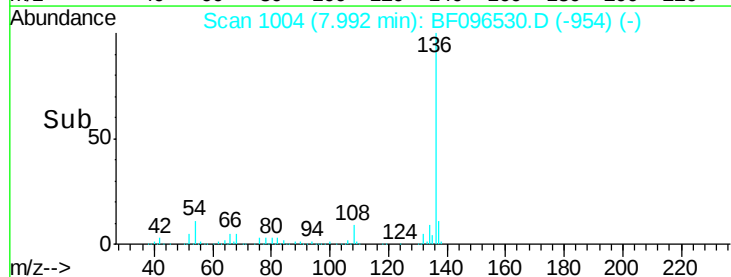
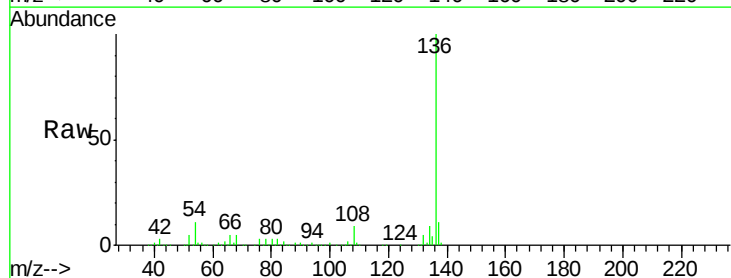
Instrument :
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ClientSampleId :
CL-02-070317-C

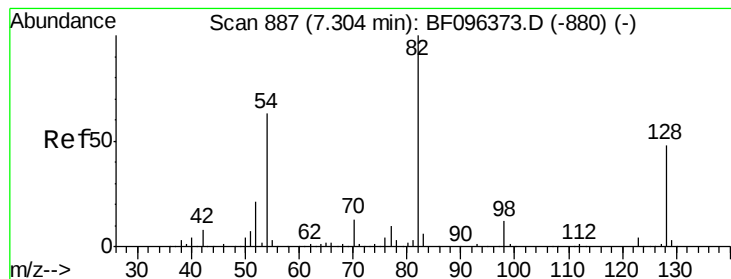
Tgt Ion: 70 Resp: 76909
Ion Ratio Lower Upper
70 100
42 60.6 47.2 70.8
101 0.0 7.2 10.8#
130 2.4 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF096530.D
Acq: 6 Jul 2017 13:53

Tgt Ion: 136 Resp: 496187
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 10.9 4.9 7.3#
68 5.3 4.1 6.1





#23

Nitrobenzene-d5

Concen: 71.281 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF096530.D

Acq: 6 Jul 2017 13:53

Instrument :

BNA_F

ClientSampleId :

CL-02-070317-C

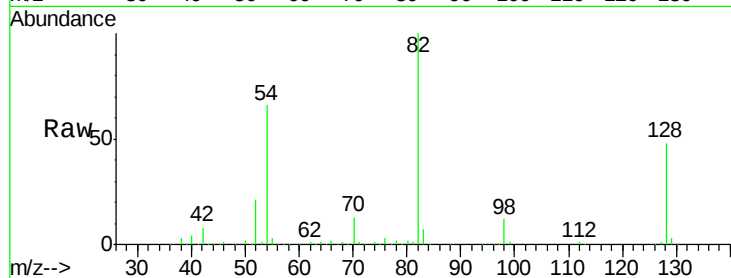
Tgt Ion: 82 Resp: 588586

Ion Ratio Lower Upper

82 100

128 47.8 34.0 51.0

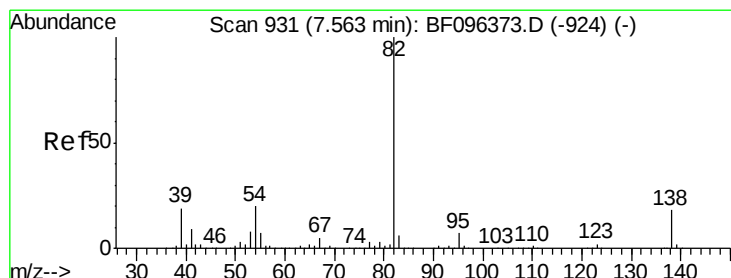
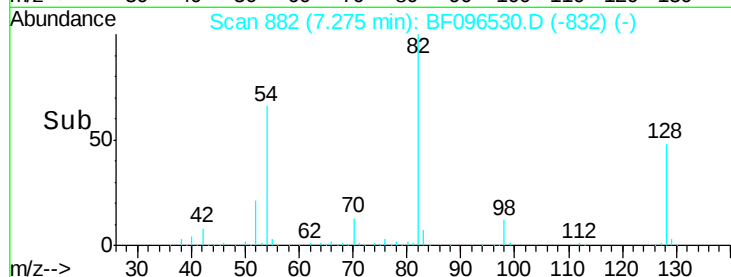
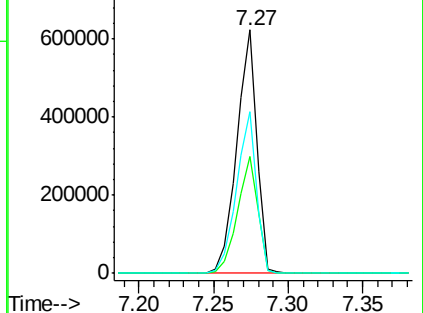
54 66.4 42.2 63.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 36.609 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF096530.D

Acq: 6 Jul 2017 13:53

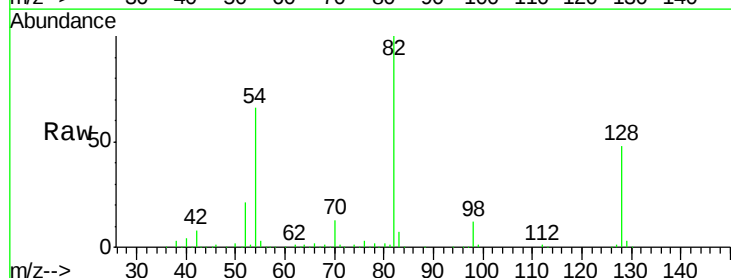
Tgt Ion: 82 Resp: 586113

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

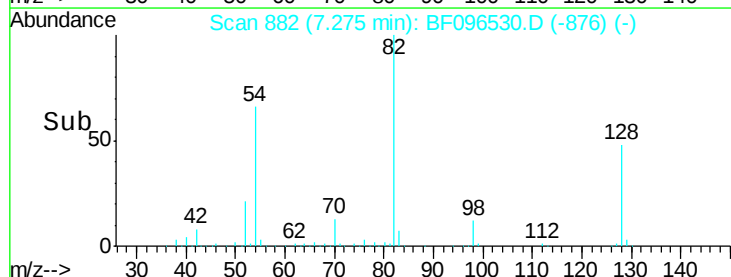
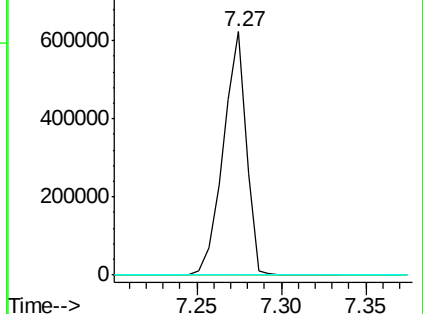
138 0.0 13.1 19.7#

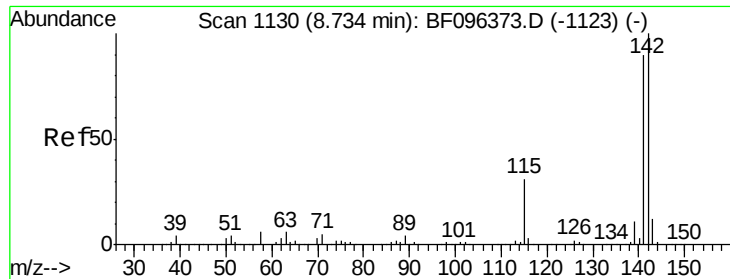


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

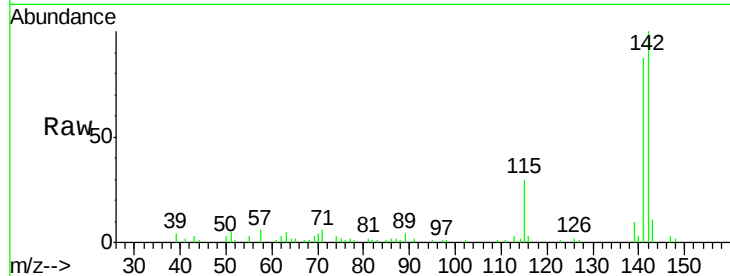




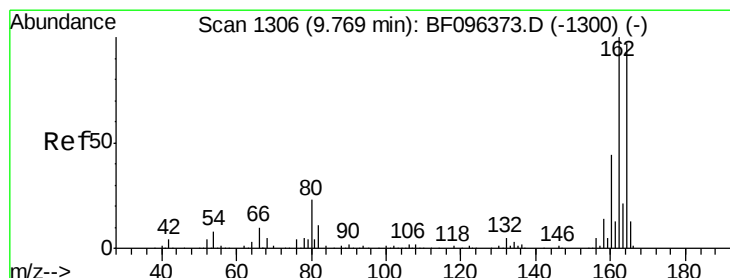
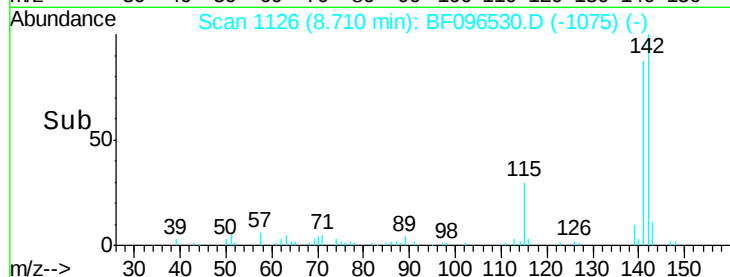
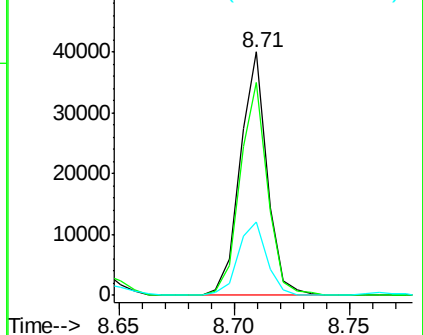
#37
2-Methylnaphthalene
Concen: 2.183 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BF096530.D
Acq: 6 Jul 2017 13:53

Instrument :
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ClientSampleId :
CL-02-070317-C

Tgt Ion:142 Resp: 32544
Ion Ratio Lower Upper
142 100
141 87.4 71.3 106.9
115 30.2 27.1 40.7

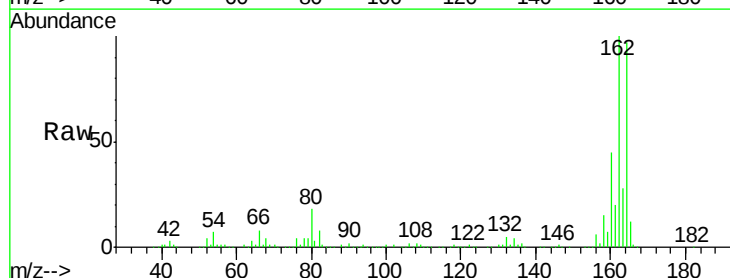


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

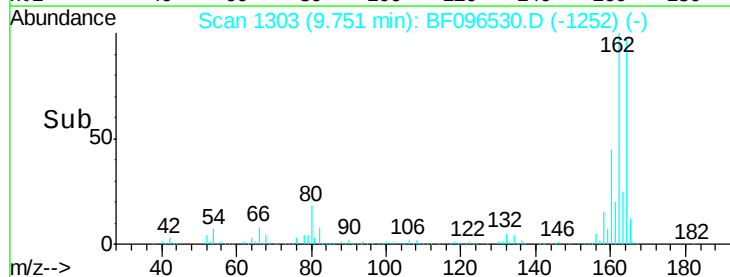
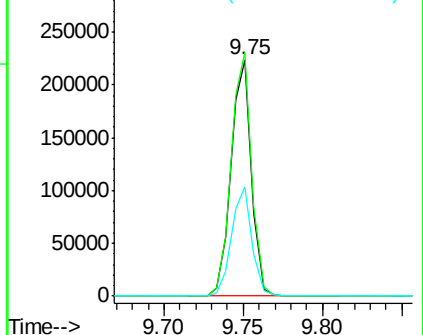


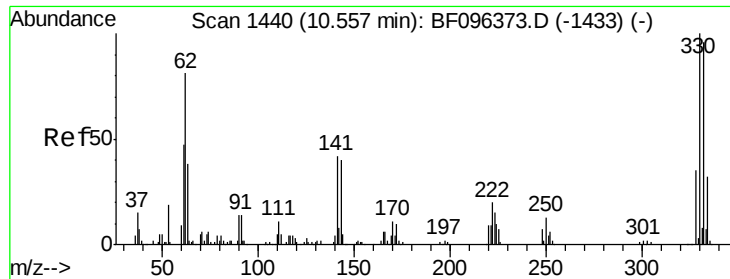
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF096530.D
Acq: 6 Jul 2017 13:53

Tgt Ion:164 Resp: 198044
Ion Ratio Lower Upper
164 100
162 103.0 82.6 123.8
160 46.2 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

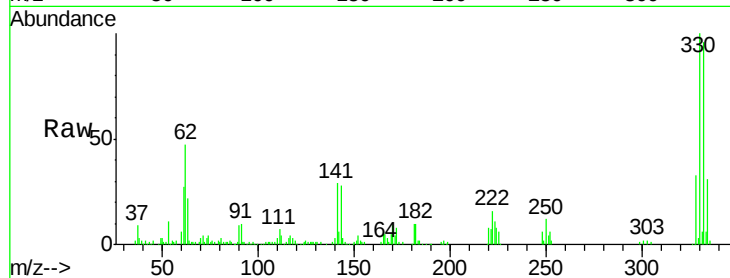




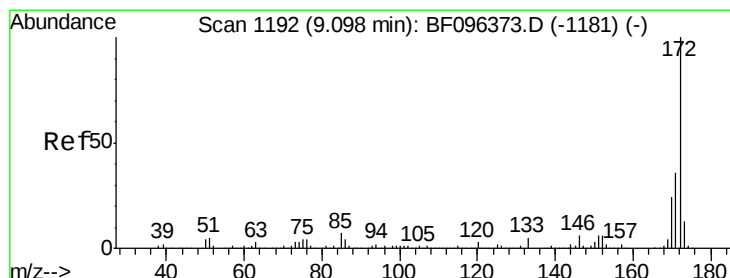
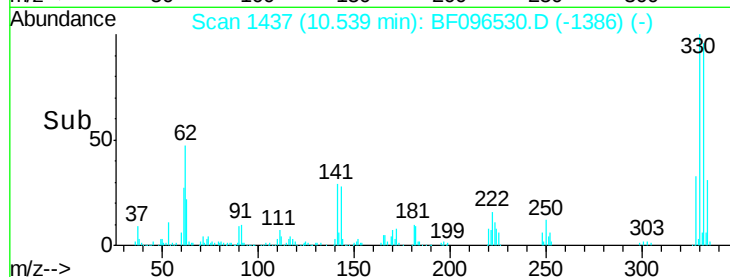
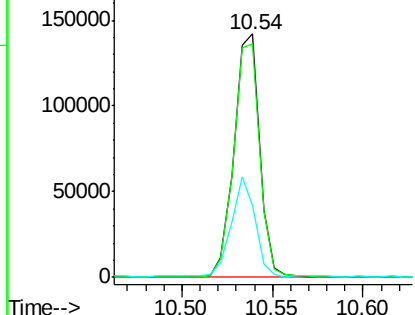
#41
 2,4,6-Tribromophenol
 Concen: 90.533 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.00 min
 Lab File: BF096530.D
 Acq: 6 Jul 2017 13:53

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-070317-C

Tgt Ion:330 Resp: 140051
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.6 115.0
 141 37.2 31.4 47.2

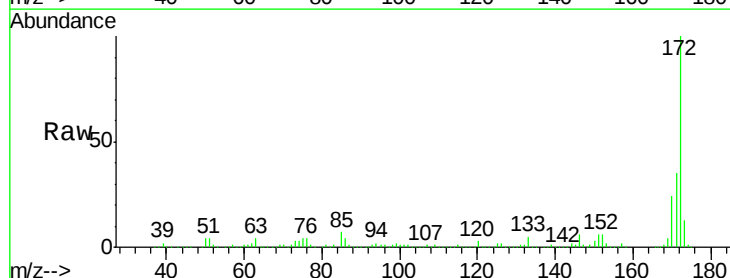


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

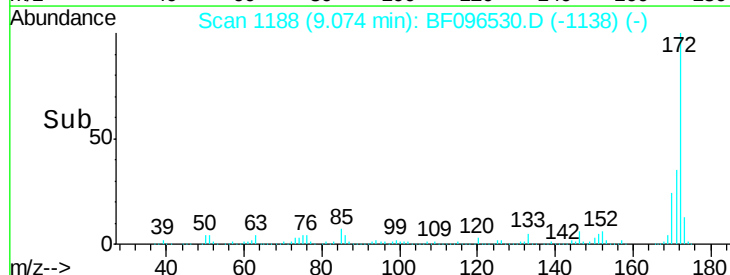
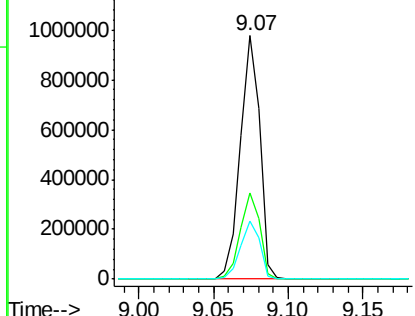


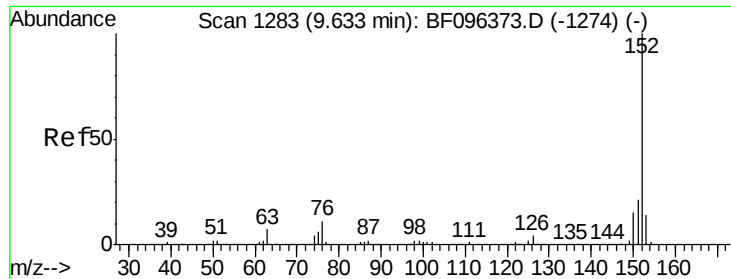
#44
 2-Fluorobiphenyl
 Concen: 77.265 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF096530.D
 Acq: 6 Jul 2017 13:53

Tgt Ion:172 Resp: 894964
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 23.9 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: 5.047 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF096530.D

Acq: 6 Jul 2017 13:53

Instrument :

BNA_F

ClientSampleId :

CL-02-070317-C

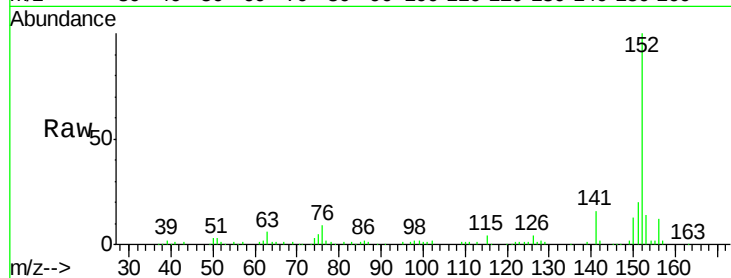
Tgt Ion:152 Resp: 101129

Ion Ratio Lower Upper

152 100

151 19.7 16.8 25.2

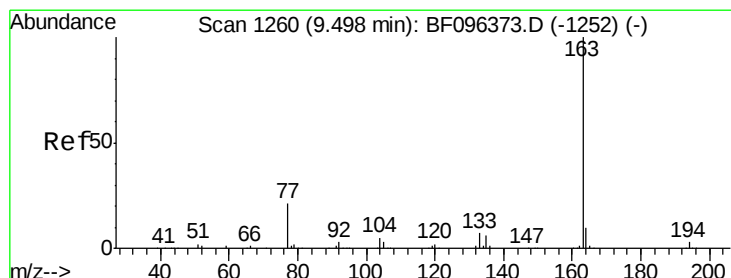
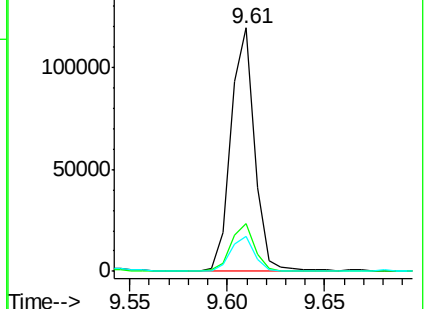
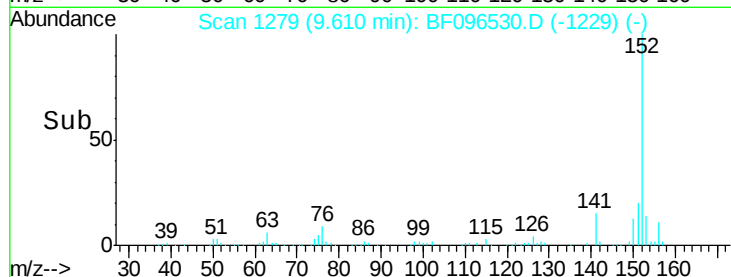
153 14.4 10.8 16.2



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: 15.238 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF096530.D

Acq: 6 Jul 2017 13:53

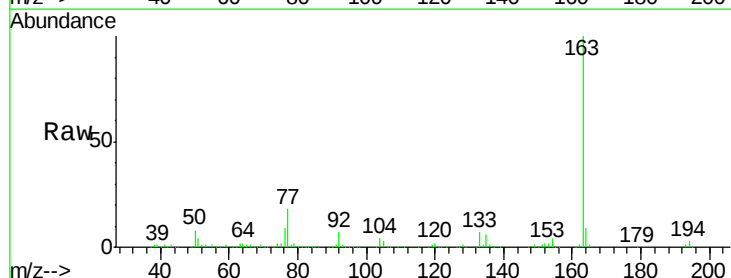
Tgt Ion:163 Resp: 225281

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

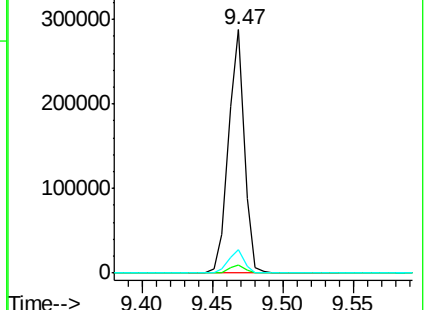
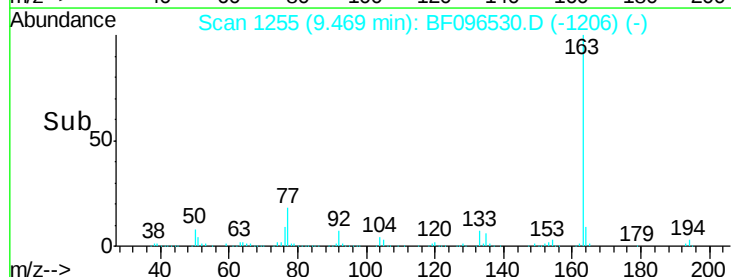
164 9.4 8.4 12.6

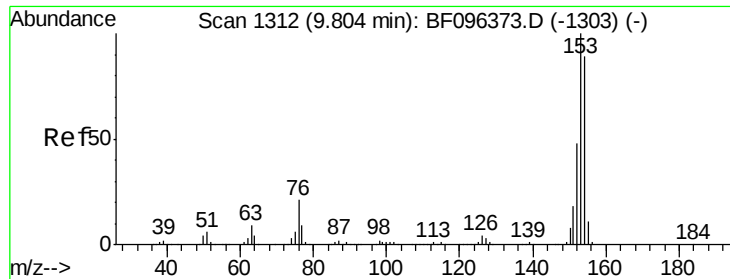


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 4.404 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF096530.D

Acq: 6 Jul 2017 13:53

Instrument :

BNA_F

ClientSampleId :

CL-02-070317-C

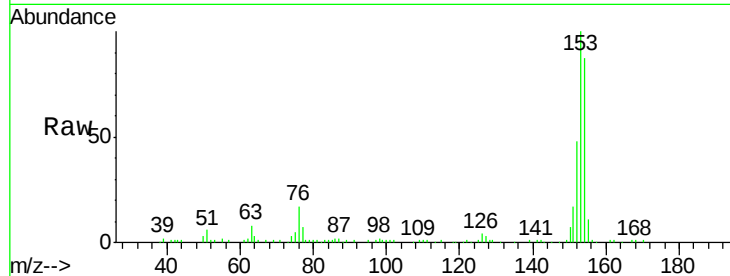
Tgt Ion:154 Resp: 54394

Ion Ratio Lower Upper

154 100

153 115.6 90.5 135.7

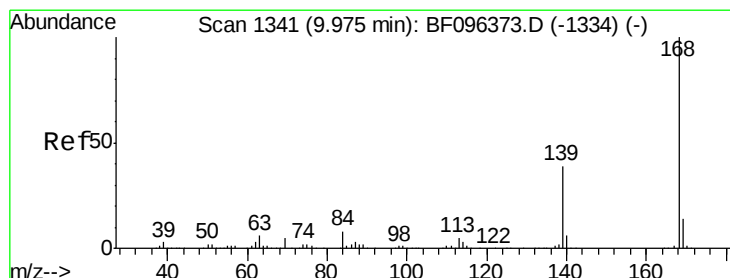
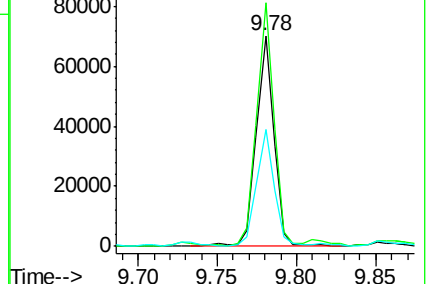
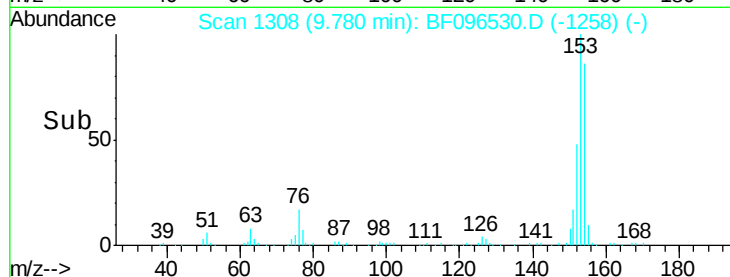
152 55.7 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 2.685 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF096530.D

Acq: 6 Jul 2017 13:53

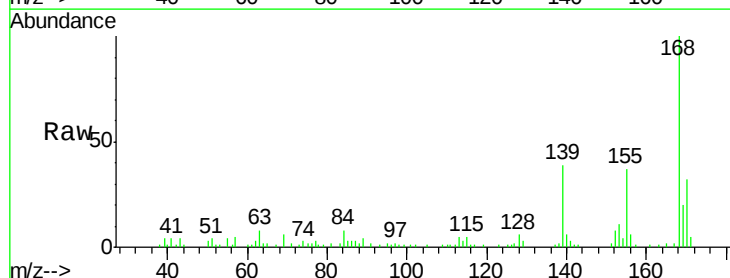
Tgt Ion:168 Resp: 43788

Ion Ratio Lower Upper

168 100

139 39.5 30.6 45.8

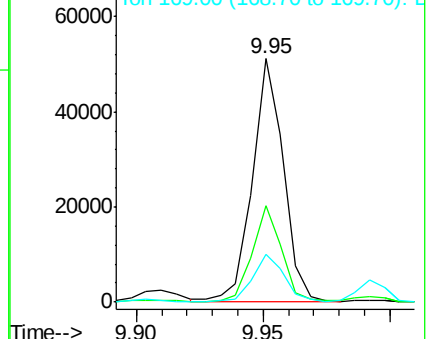
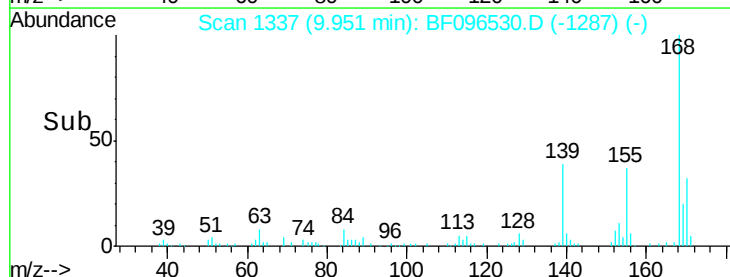
169 19.6 10.8 16.2#

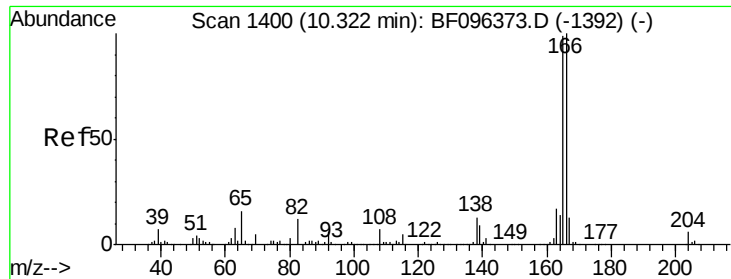


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#57

Fluorene

Concen: 10.173 ng

RT: 10.29 min Scan# 1395

Delta R.T. -0.01 min

Lab File: BF096530.D

Acq: 6 Jul 2017 13:53

Instrument :

BNA_F

ClientSampleId :

CL-02-070317-C

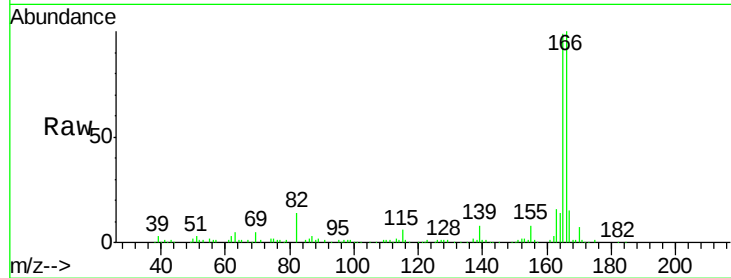
Tgt Ion:166 Resp: 117165

Ion Ratio Lower Upper

166 100

165 99.1 78.8 118.2

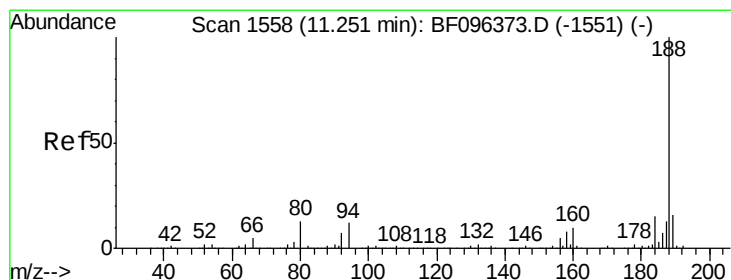
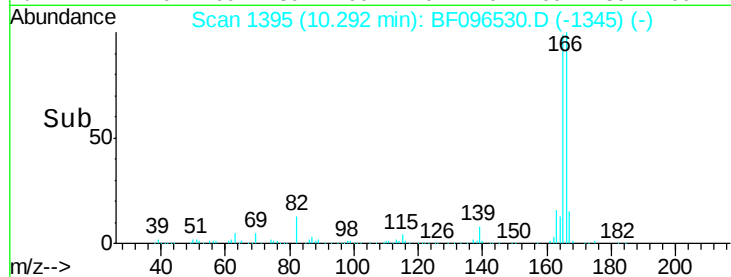
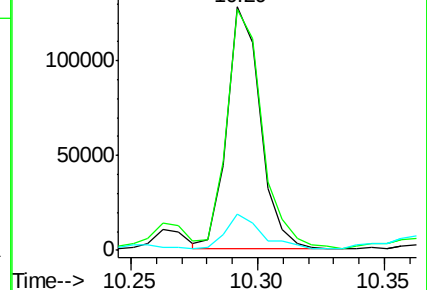
167 15.0 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.00 min

Lab File: BF096530.D

Acq: 6 Jul 2017 13:53

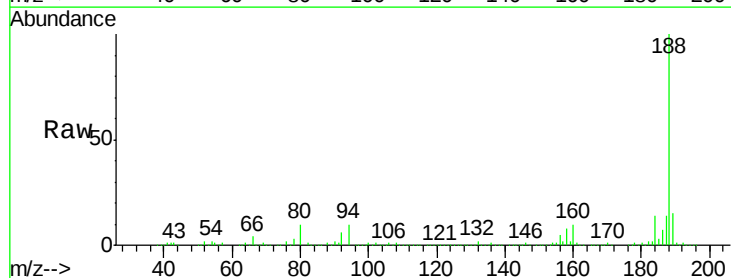
Tgt Ion:188 Resp: 294510

Ion Ratio Lower Upper

188 100

94 10.3 9.4 14.2

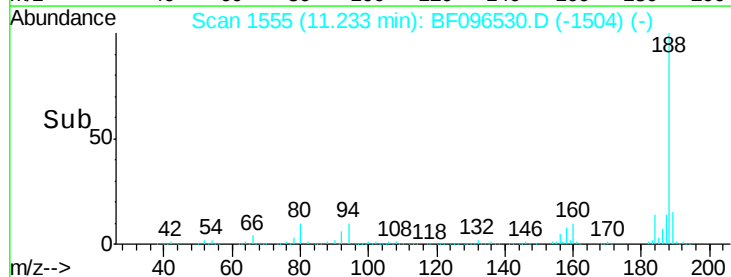
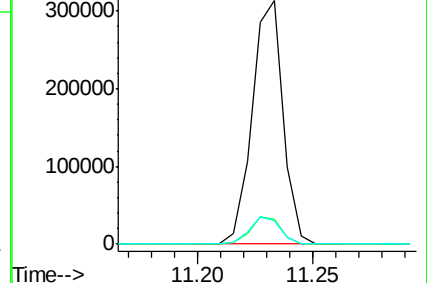
80 9.8 10.2 15.2#

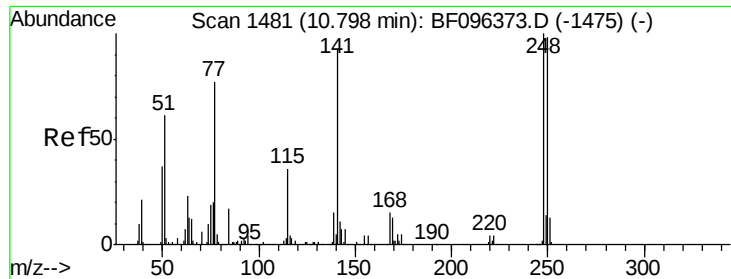


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

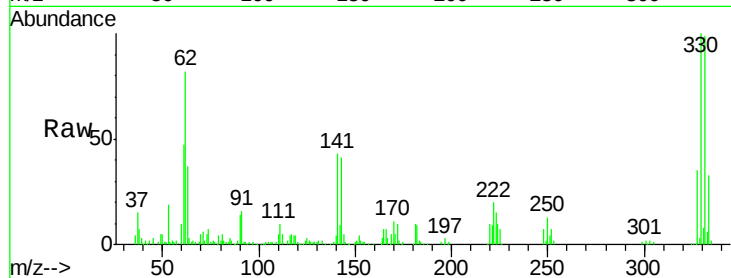




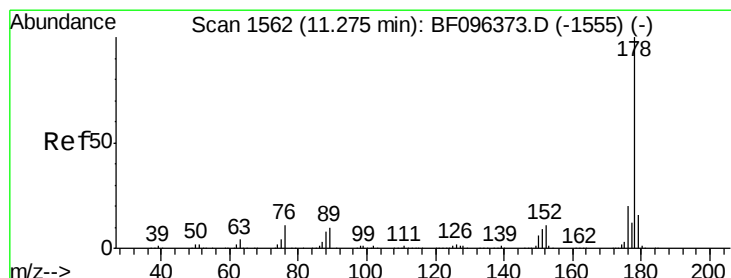
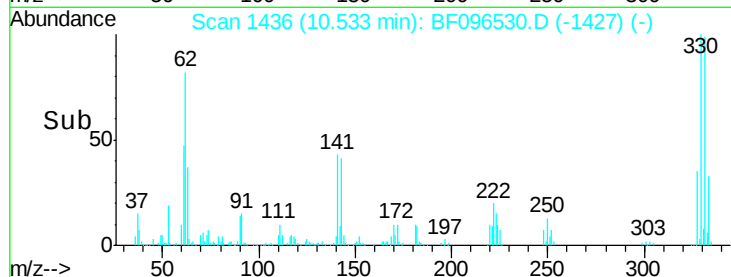
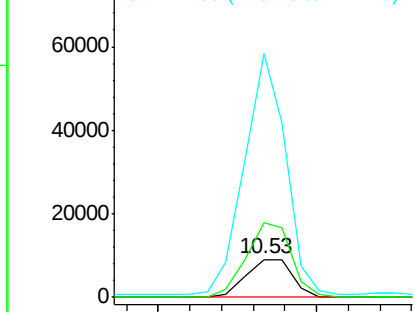
#66
 4-Bromophenyl-phenylether
 Concen: 3.179 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.25 min
 Lab File: BF096530.D
 Acq: 6 Jul 2017 13:53

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-070317-C

Tgt Ion:248 Resp: 9115
 Ion Ratio Lower Upper
 248 100
 250 195.1 76.8 115.2#
 141 640.3 68.6 103.0#

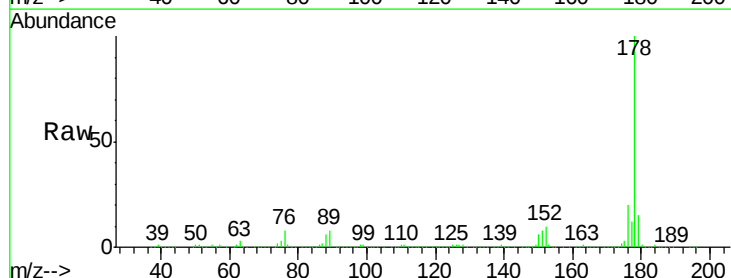


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

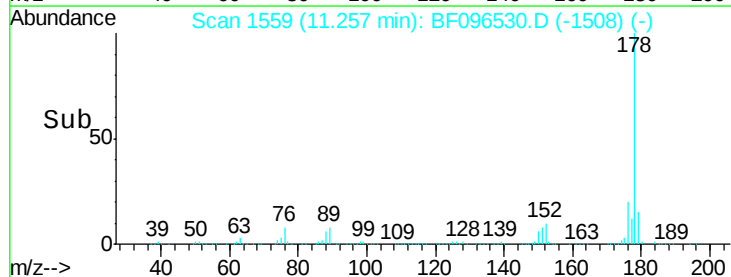
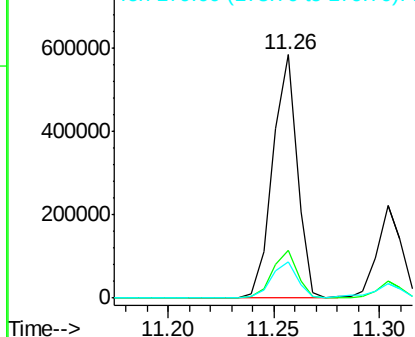


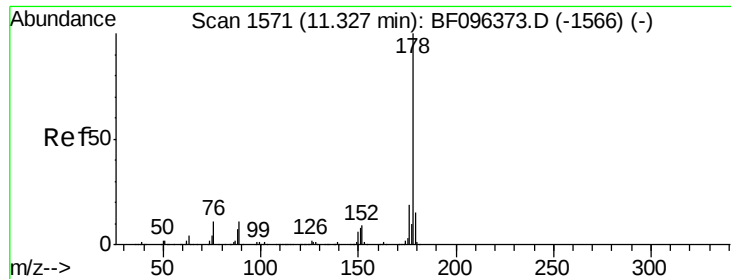
#70
 Phenanthrene
 Concen: 29.640 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.00 min
 Lab File: BF096530.D
 Acq: 6 Jul 2017 13:53

Tgt Ion:178 Resp: 471877
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.2 24.4
 179 15.1 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: 10.751 ng

RT: 11.30 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BF096530.D

Acq: 6 Jul 2017 13:53

Instrument :

BNA_F

ClientSampleId :

CL-02-070317-C

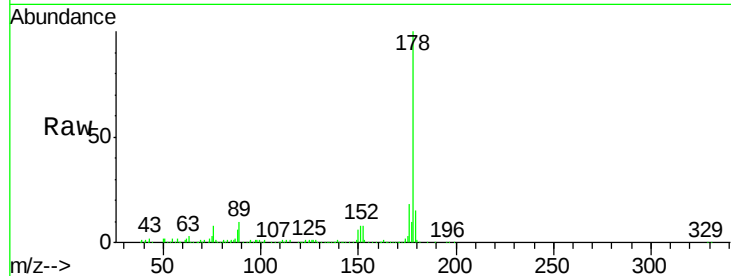
Tgt Ion:178 Resp: 174425

Ion Ratio Lower Upper

178 100

176 18.4 15.8 23.8

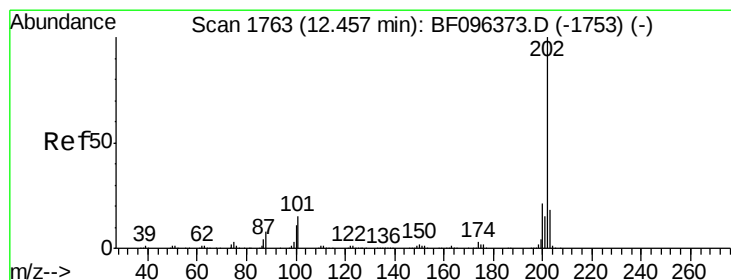
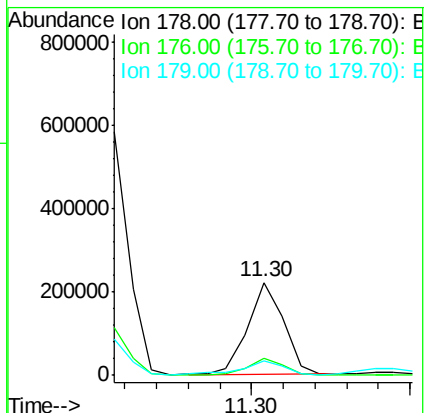
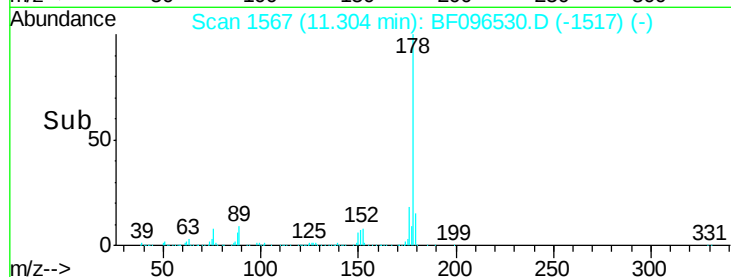
179 15.2 12.7 19.1



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



#74

Fluoranthene

Concen: 39.336 ng

RT: 12.44 min Scan# 1761

Delta R.T. 0.01 min

Lab File: BF096530.D

Acq: 6 Jul 2017 13:53

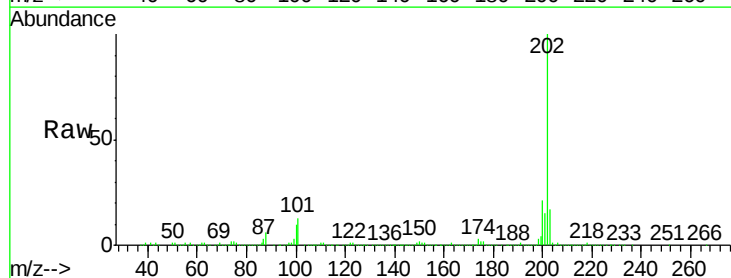
Tgt Ion:202 Resp: 613996

Ion Ratio Lower Upper

202 100

101 12.9 0.0 33.2

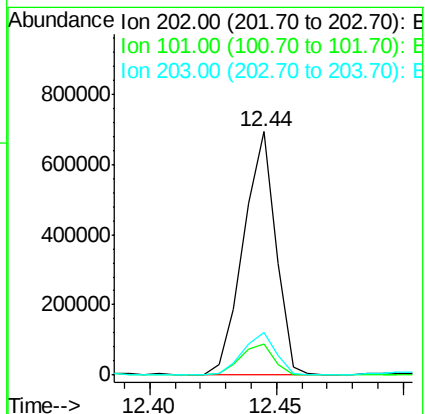
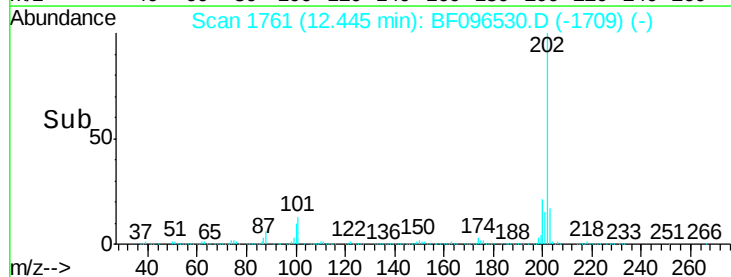
203 17.4 0.0 38.1

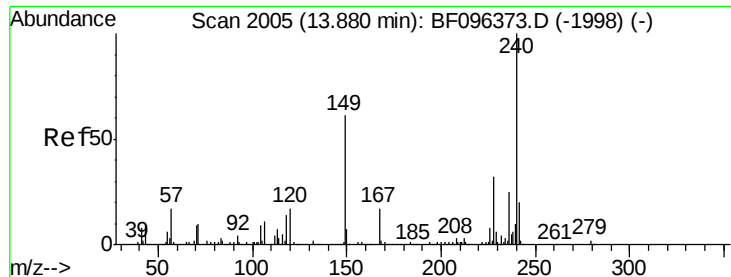


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BF096530.D

Acq: 6 Jul 2017 13:53

Instrument :

BNA_F

ClientSampleId :

CL-02-070317-C

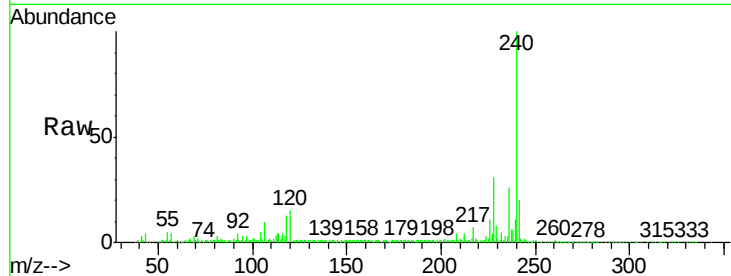
Tgt Ion:240 Resp: 230106

Ion Ratio Lower Upper

240 100

120 15.3 5.8 8.8#

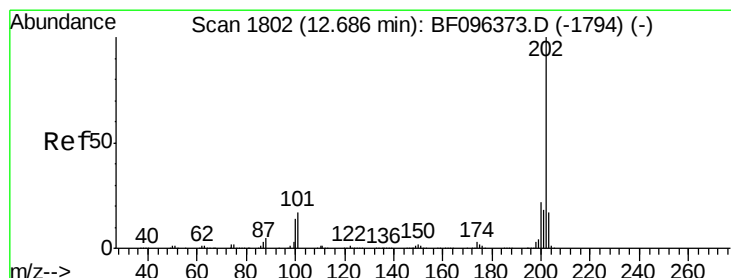
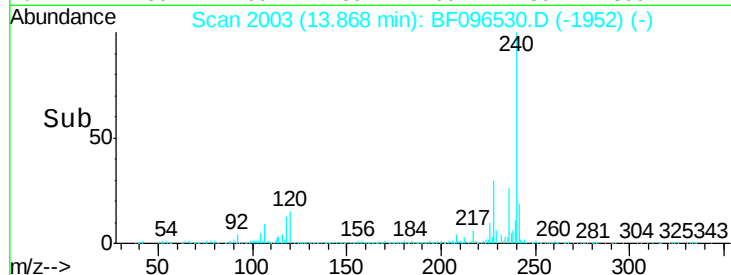
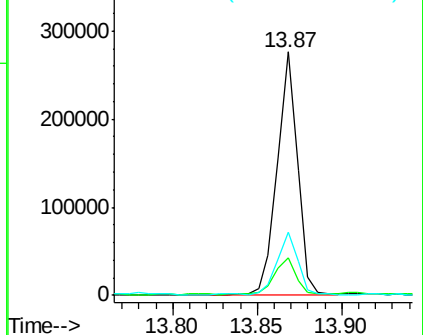
236 26.1 20.5 30.7



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: 35.138 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF096530.D

Acq: 6 Jul 2017 13:53

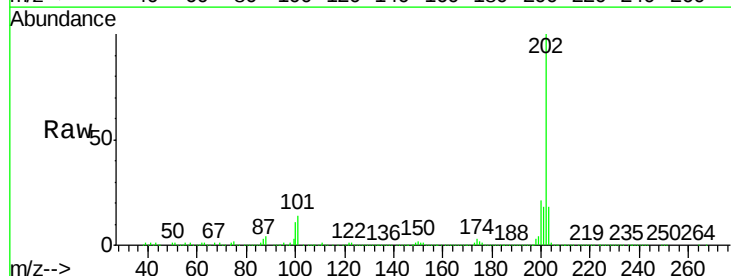
Tgt Ion:202 Resp: 648999

Ion Ratio Lower Upper

202 100

200 21.0 17.6 26.4

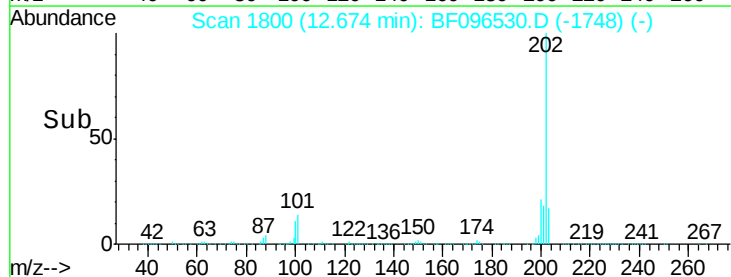
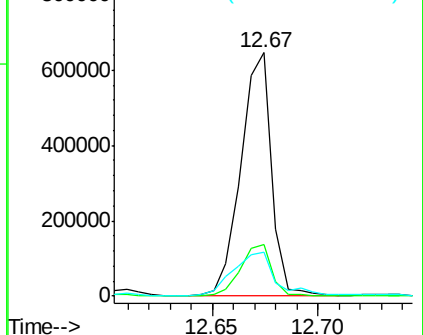
203 17.9 14.4 21.6

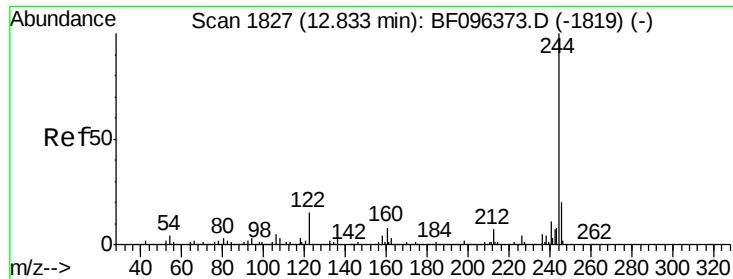


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 51.756 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.01 min

Lab File: BF096530.D

Acq: 6 Jul 2017 13:53

Instrument :

BNA_F

ClientSampleId :

CL-02-070317-C

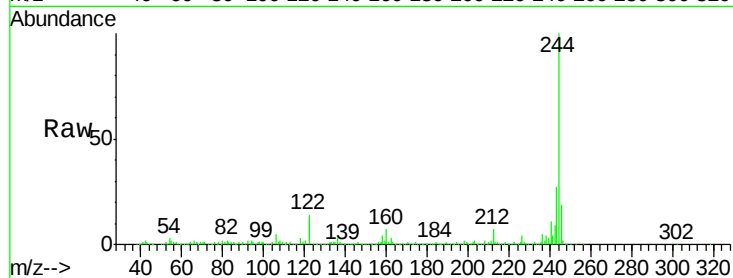
Tgt Ion:244 Resp: 557334

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

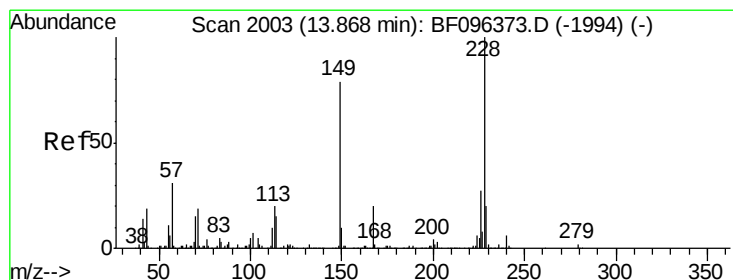
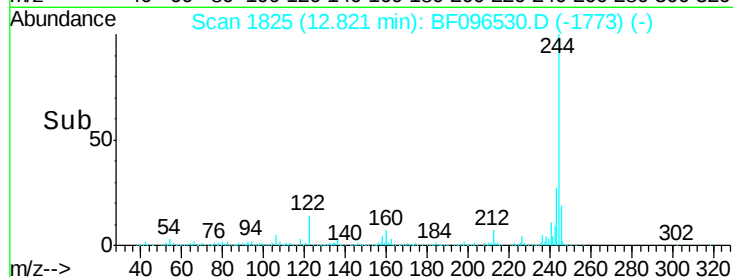
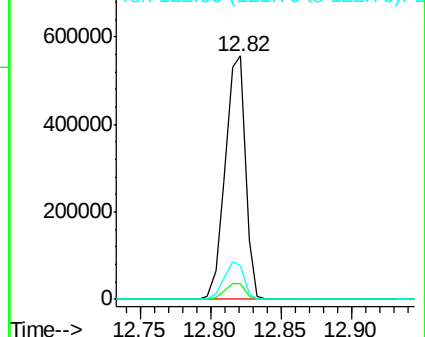
122 13.7 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 23.948 ng

RT: 13.89 min Scan# 2007

Delta R.T. 0.04 min

Lab File: BF096530.D

Acq: 6 Jul 2017 13:53

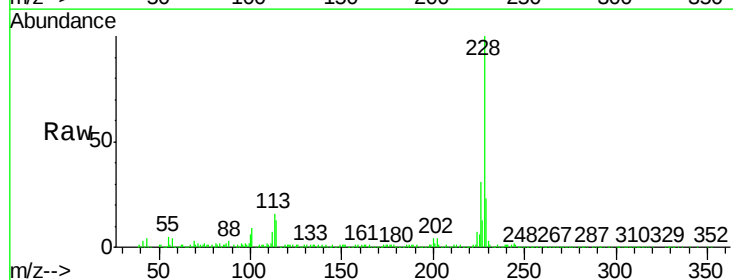
Tgt Ion:228 Resp: 319107

Ion Ratio Lower Upper

228 100

226 30.8 22.6 33.8

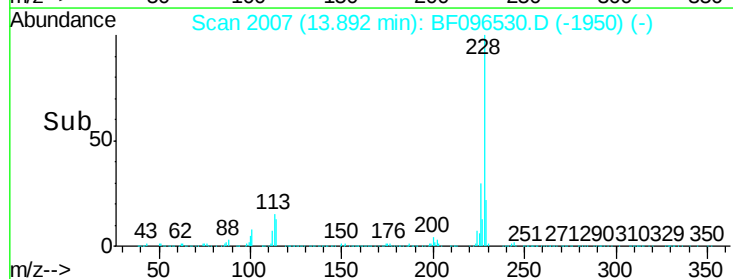
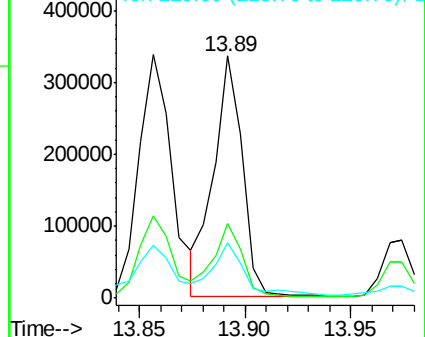
229 22.9 16.3 24.5

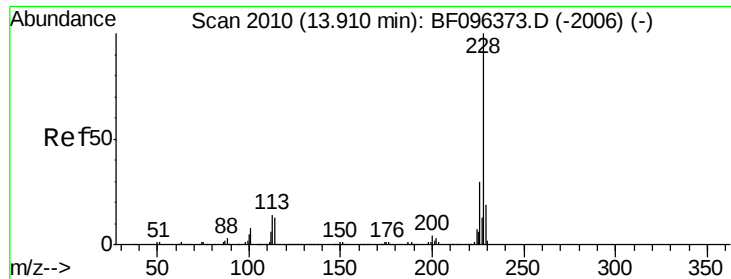


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 22.868 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BF096530.D

Acq: 6 Jul 2017 13:53

Instrument :

BNA_F

ClientSampleId :

CL-02-070317-C

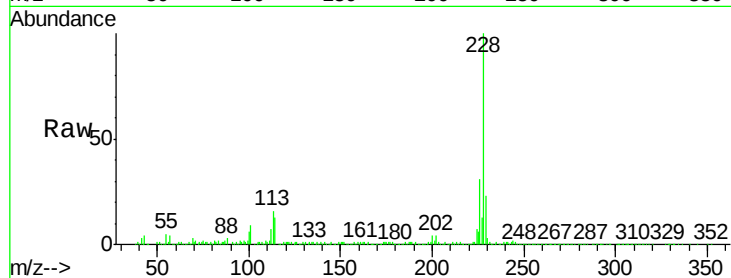
Tgt Ion:228 Resp: 319107

Ion Ratio Lower Upper

228 100

226 30.8 24.9 37.3

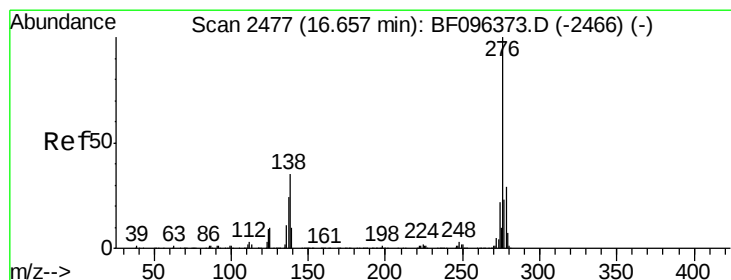
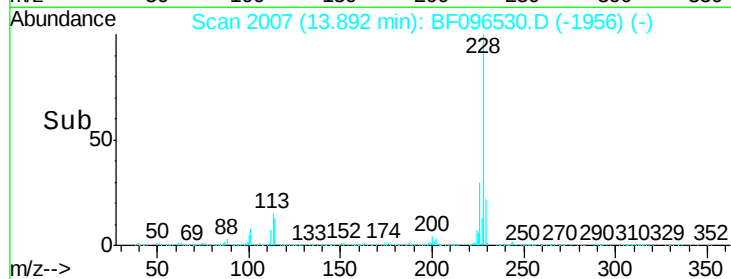
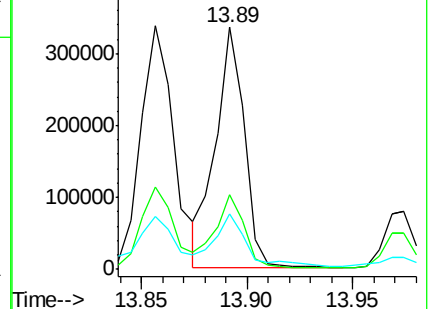
229 22.9 15.8 23.6



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: 19.176 ng

RT: 16.66 min Scan# 2477

Delta R.T. 0.02 min

Lab File: BF096530.D

Acq: 6 Jul 2017 13:53

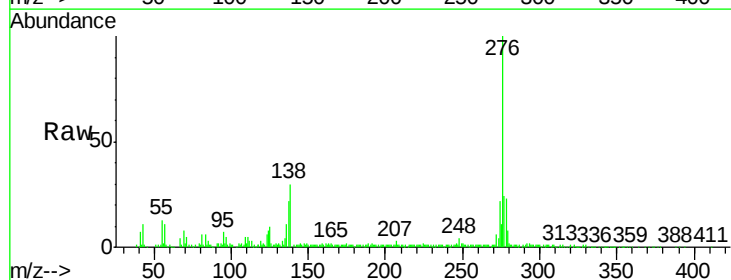
Tgt Ion:276 Resp: 211217

Ion Ratio Lower Upper

276 100

138 32.5 27.8 41.6

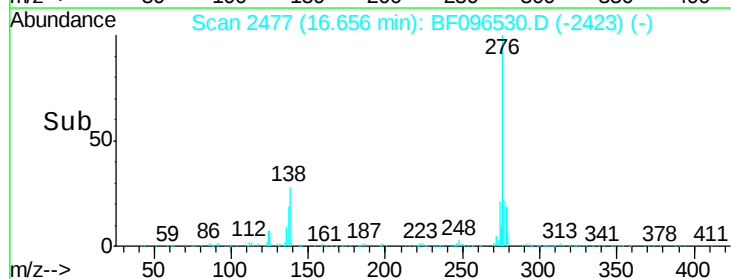
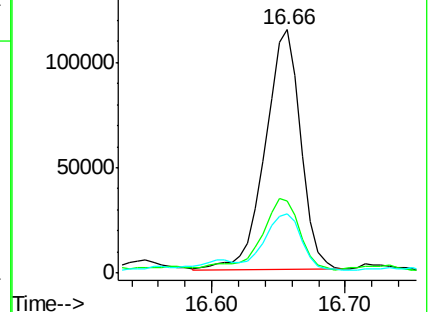
277 25.0 20.2 30.4

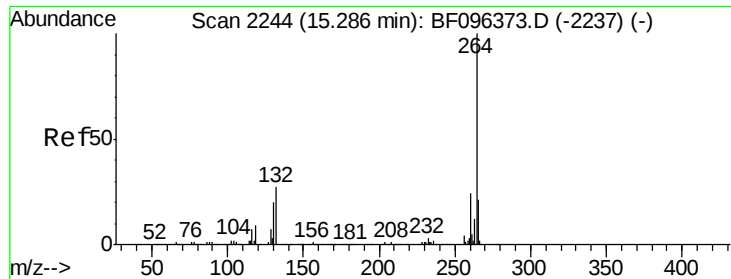


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



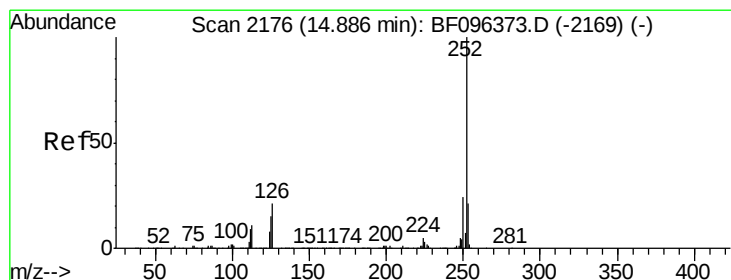
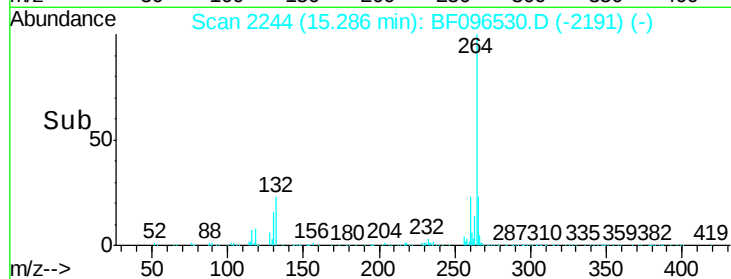
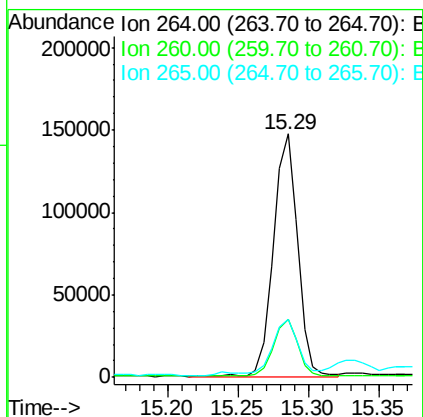
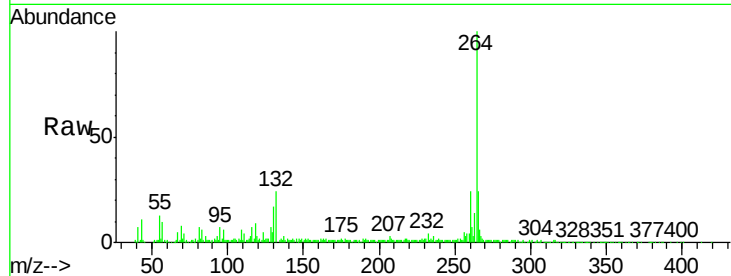


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BF096530.D
Acq: 6 Jul 2017 13:53

Instrument :
BNA_F
ClientSampleId :
CL-02-070317-C

Tgt Ion: 264 Resp: 177445

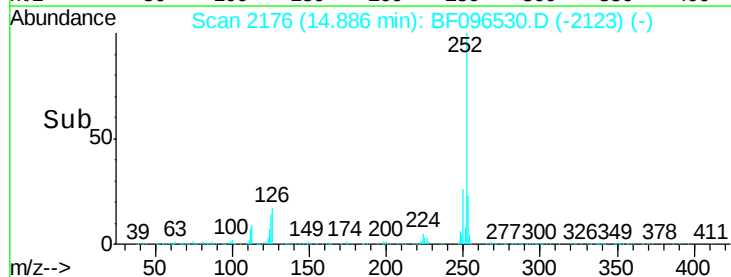
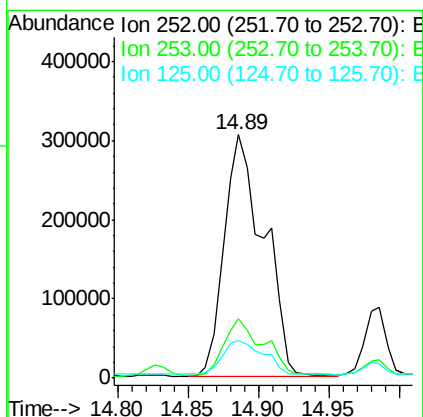
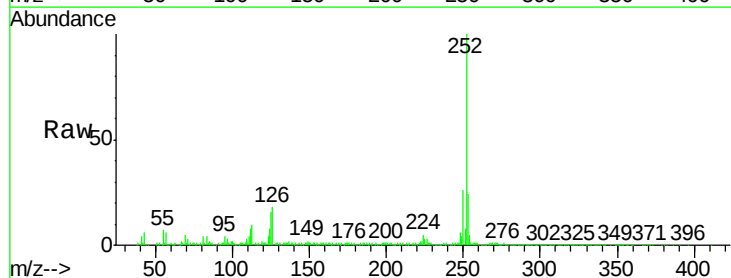
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	24.1	17.2	25.8

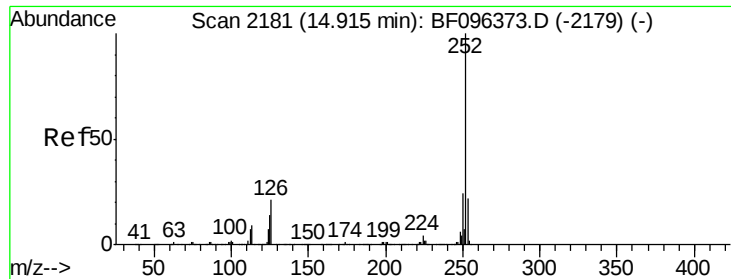


#87
Benzo(b)fluoranthene
Concen: 54.152 ng
RT: 14.89 min Scan# 2176
Delta R.T. 0.01 min
Lab File: BF096530.D
Acq: 6 Jul 2017 13:53

Tgt Ion: 252 Resp: 602099

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.1	27.1
125	15.6	9.8	14.8

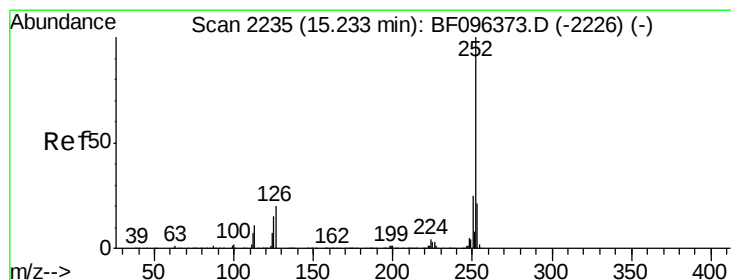
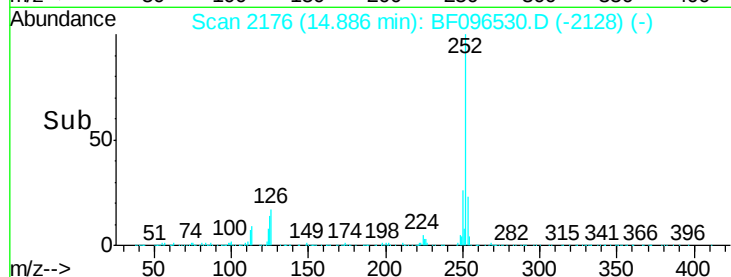
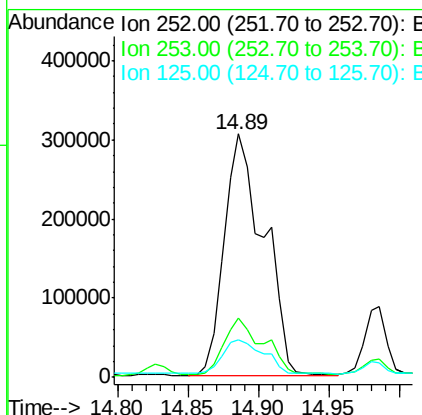
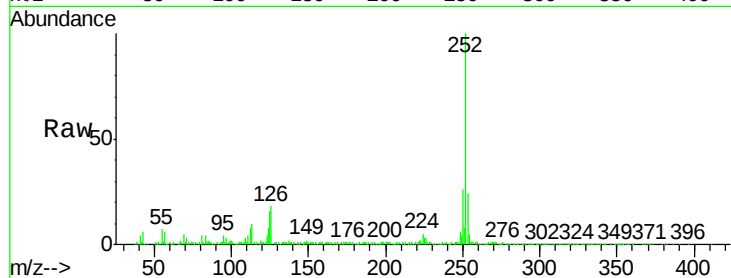




#88
Benzo(k)fluoranthene
Concen: 60.538 ng
RT: 14.89 min Scan# 2176
Delta R.T. -0.02 min
Lab File: BF096530.D
Acq: 6 Jul 2017 13:53

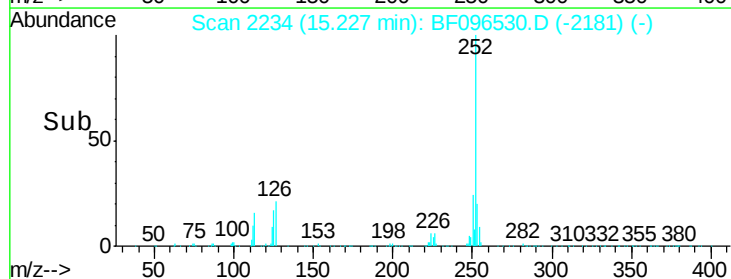
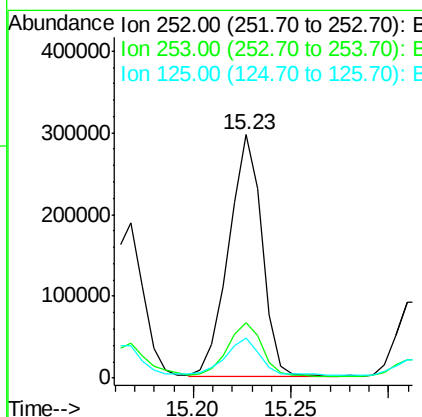
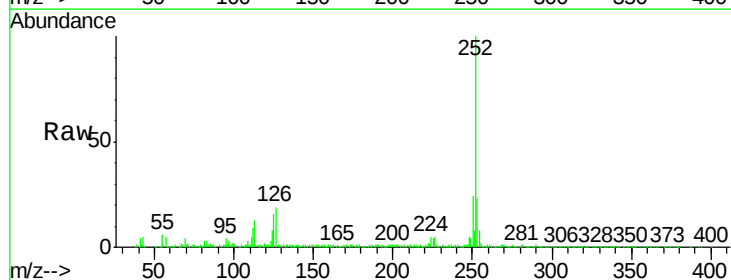
Instrument :
BNA_F
ClientSampleId :
CL-02-070317-C

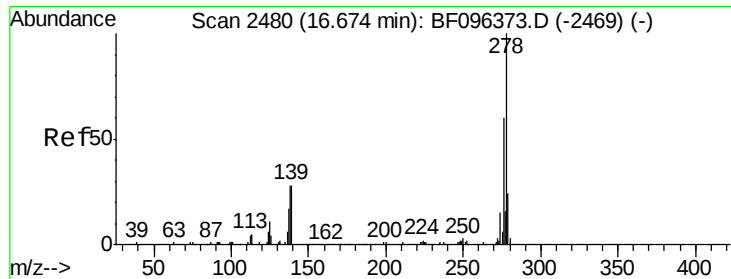
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.4	27.6
125	15.6	13.1	19.7



#89
Benzo(a)pyrene
Concen: 35.355 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.01 min
Lab File: BF096530.D
Acq: 6 Jul 2017 13:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	16.4	11.0	16.4





#90

Dibenzo(a,h)anthracene

Concen: 6.706 ng

RT: 16.66 min Scan# 2478

Delta R.T. 0.01 min

Lab File: BF096530.D

Acq: 6 Jul 2017 13:53

Instrument :

BNA_F

ClientSampleId :

CL-02-070317-C

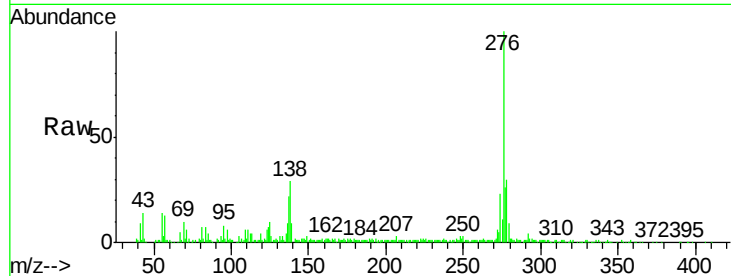
Tgt Ion:278 Resp: 52367

Ion Ratio Lower Upper

278 100

139 30.6 16.6 24.8#

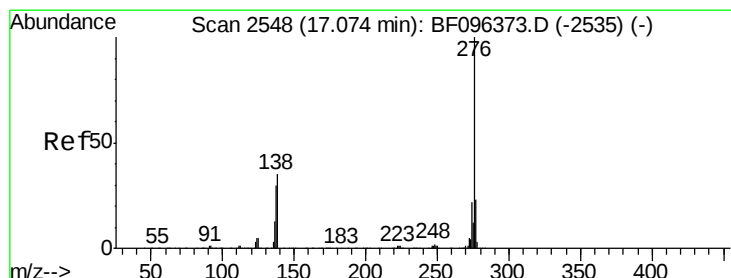
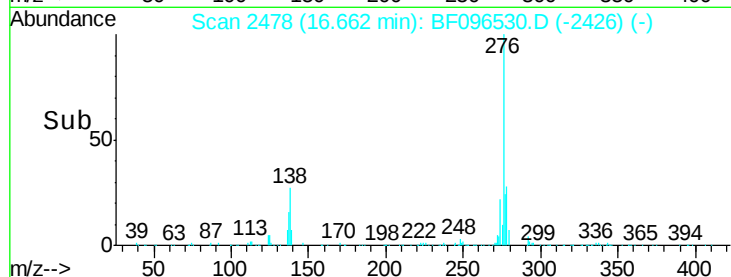
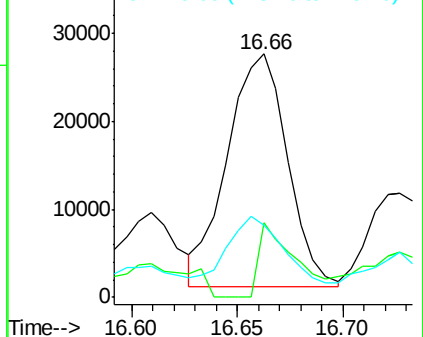
279 29.7 19.3 28.9#



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: 24.949 ng

RT: 17.07 min Scan# 2547

Delta R.T. 0.02 min

Lab File: BF096530.D

Acq: 6 Jul 2017 13:53

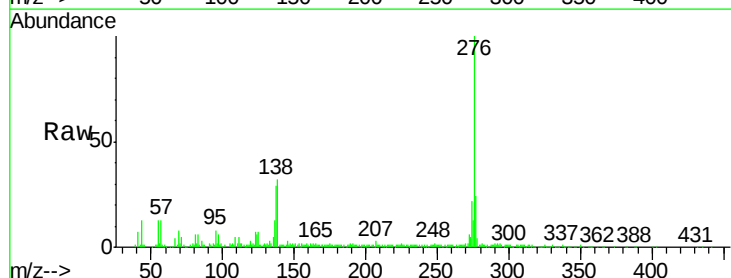
Tgt Ion:276 Resp: 201894

Ion Ratio Lower Upper

276 100

277 24.1 18.6 28.0

138 31.8 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

