

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073117\
 Data File : BF097213.D
 Acq On : 31 Jul 2017 17:42
 Operator : SJ/JU
 Sample : I4488-01 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-072717-A

Quant Time: Aug 01 00:56:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	112308	20.00	ng	-0.02
21) Naphthalene-d8	7.76	136	472045	20.00	ng	-0.02
38) Acenaphthene-d10	9.51	164	156093	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	219770	20.00	ng	-0.02
75) Chrysene-d12	13.62	240	200810	20.00	ng	-0.01
86) Perylene-d12	14.97	264	185289	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.09	112	408135	54.78	ng	-0.01
7) Phenol-d6	6.15	99	473228	55.64	ng	-0.02
23) Nitrobenzene-d5	7.05	82	255154	31.71	ng	-0.03
41) 2,4,6-Tribromophenol	10.30	330	58661	47.56	ng	-0.02
44) 2-Fluorobiphenyl	8.84	172	453748	49.33	ng	-0.03
78) Terphenyl-d14	12.57	244	270044	27.42	ng	-0.02

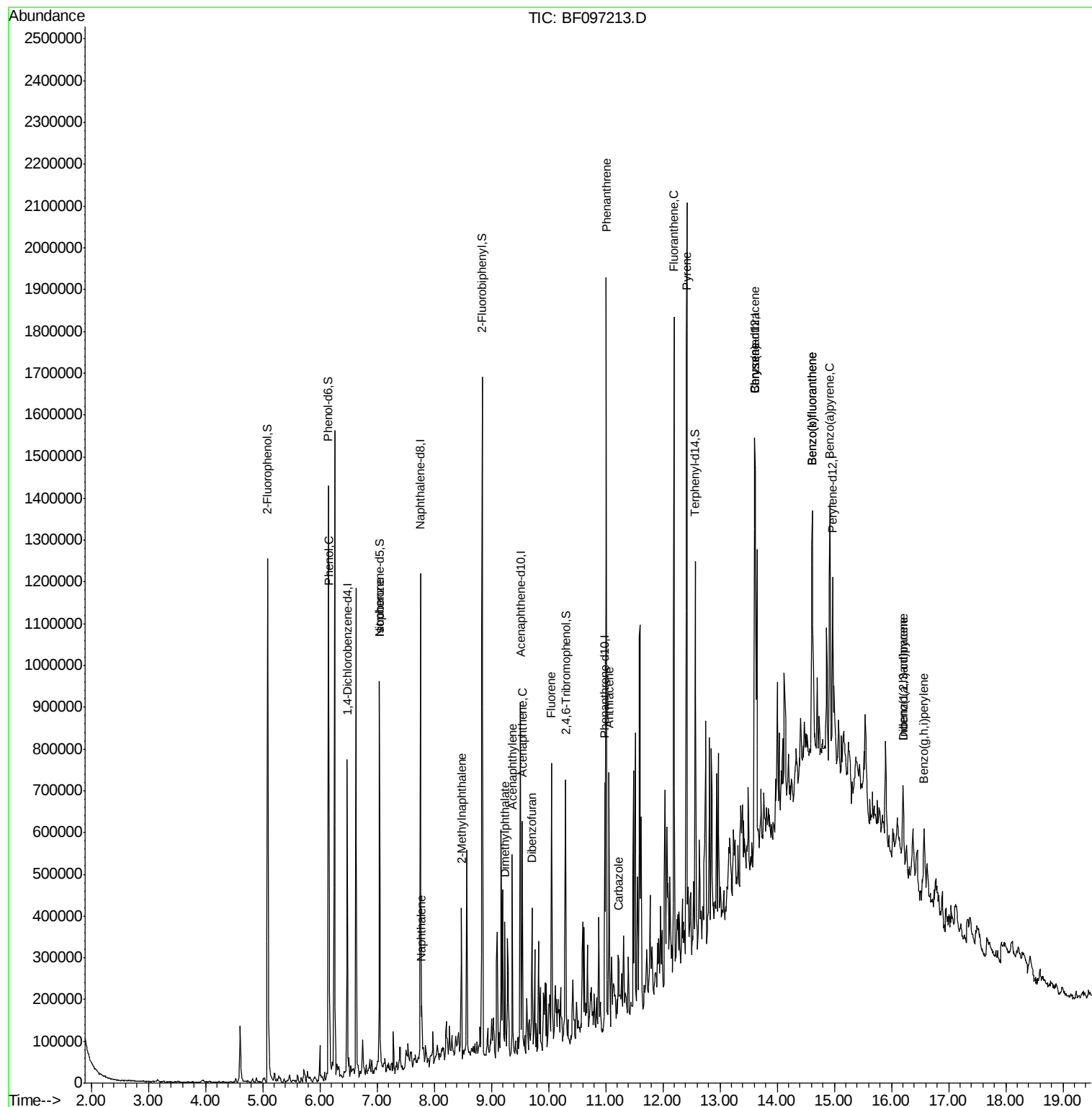
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.16	94	26200	2.60	ng	79
25) Isophorone	7.05	82	248300	15.76	ng	# 68
31) Naphthalene	7.78	128	56987	2.56	ng	99
37) 2-Methylnaphthalene	8.47	142	84827	6.02	ng	98
48) Acenaphthylene	9.37	152	130028	8.63	ng	98
49) Dimethylphthalate	9.24	163	78873	6.65	ng	# 99
51) Acenaphthene	9.54	154	104430	11.77	ng	98
54) Dibenzofuran	9.72	168	62934	5.33	ng	# 89
57) Fluorene	10.05	166	175749	19.79	ng	97
70) Phenanthrene	11.01	178	658565	55.93	ng	99
71) Anthracene	11.06	178	234265	19.42	ng	98
72) Carbazole	11.22	167	35171	2.97	ng	93
74) Fluoranthene	12.20	202	673113	58.35	ng	99
77) Pyrene	12.42	202	785770	47.80	ng	100
80) Benzo(a)anthracene	13.61	228	325518	25.05	ng	# 90
82) Chrysene	13.61	228	325518	25.66	ng	93
85) Indeno(1,2,3-cd)pyrene	16.20	276	107076	9.84	ng	97
87) Benzo(b)fluoranthene	14.62	252	397903	35.72	ng	# 95
88) Benzo(k)fluoranthene	14.62	252	397903	37.49	ng	99
89) Benzo(a)pyrene	14.92	252	261710	25.67	ng	# 96
90) Dibenzo(a,h)anthracene	16.20	278	28766	3.44	ng	# 65
91) Benzo(g,h,i)perylene	16.57	276	104743	11.95	ng	98

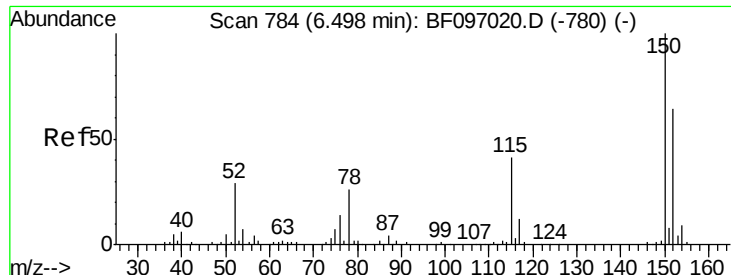
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073117\
Data File : BF097213.D
Acq On : 31 Jul 2017 17:42
Operator : SJ/JU
Sample : I4488-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-072717-A

Quant Time: Aug 01 00:56:23 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration



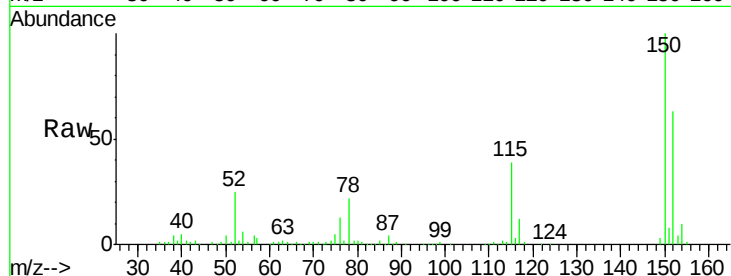


#1

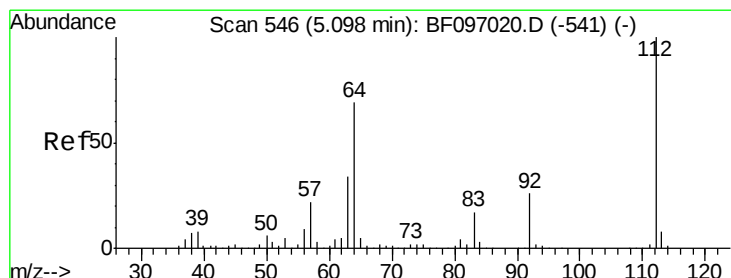
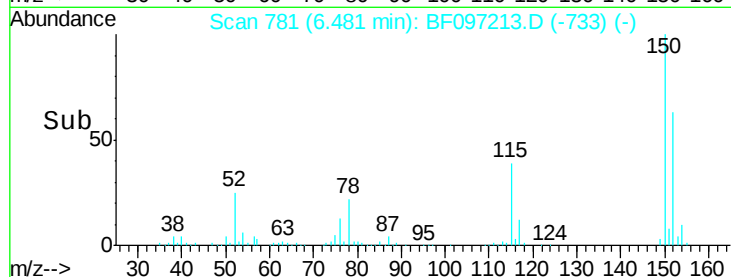
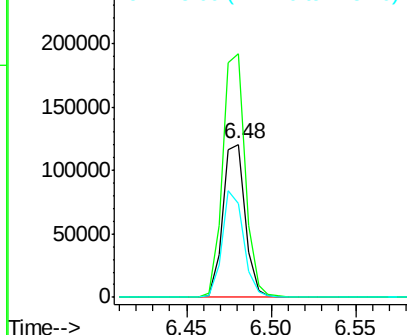
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.48 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF097213.D
Acq: 31 Jul 2017 17:42

Instrument :
BNA_F
ClientSampleId :
CL-02-072717-A

Tot Ion:152 Resp: 112308
Ion Ratio Lower Upper
152 100
150 159.1 126.2 189.2
115 61.3 52.2 78.2



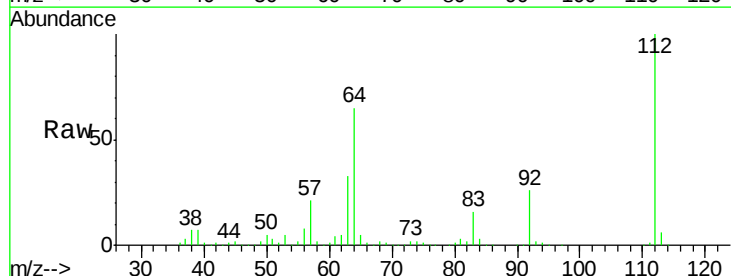
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



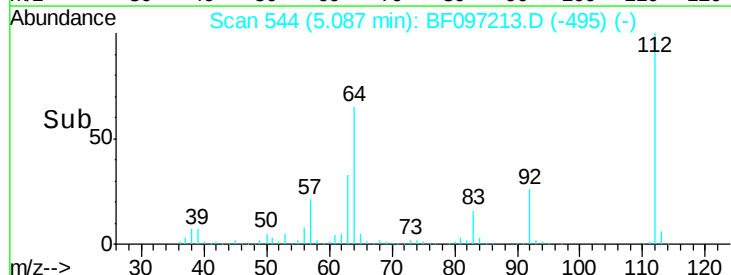
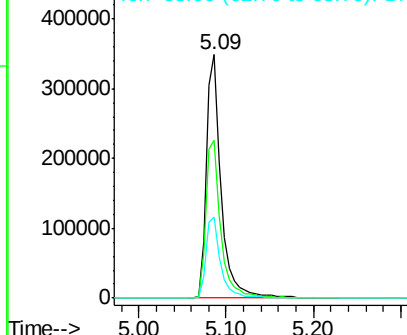
#5

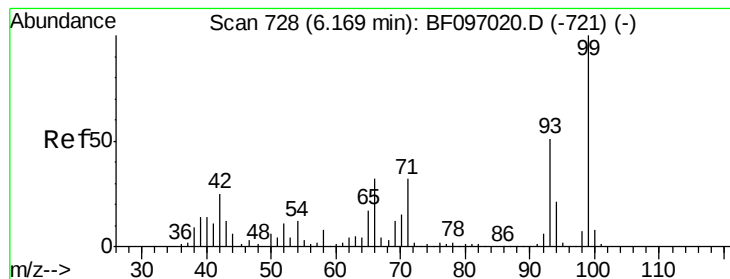
2-Fluorophenol
Concen: 54.78 ng
RT: 5.09 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF097213.D
Acq: 31 Jul 2017 17:42

Tgt Ion:112 Resp: 408135
Ion Ratio Lower Upper
112 100
64 64.8 46.0 69.0
63 33.3 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: 55.64 ng

RT: 6.15 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF097213.D

Acq: 31 Jul 2017 17:42

Instrument :

BNA_F

ClientSampleId :

CL-02-072717-A

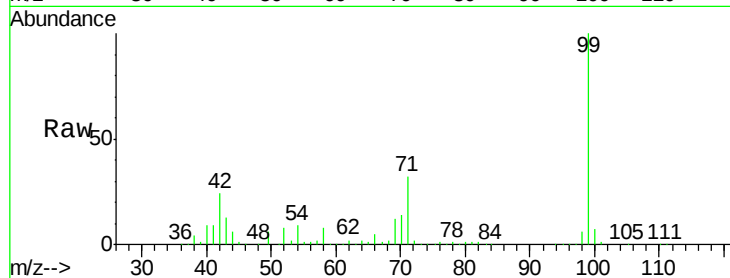
Tot Ion: 99 Resp: 473228

Ion Ratio Lower Upper

99 100

42 23.7 13.5 20.3#

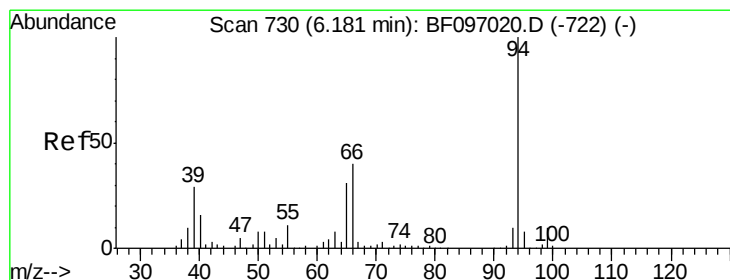
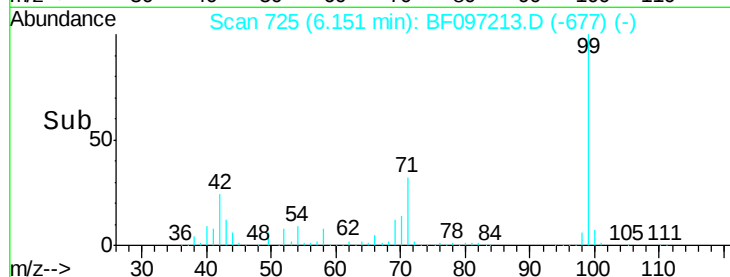
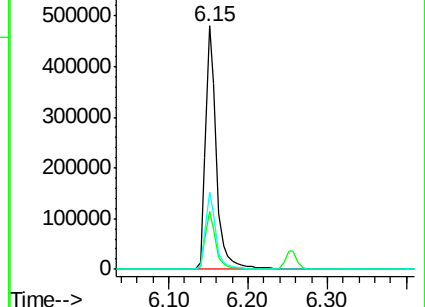
71 31.8 24.5 36.7



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: 2.60 ng

RT: 6.16 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF097213.D

Acq: 31 Jul 2017 17:42

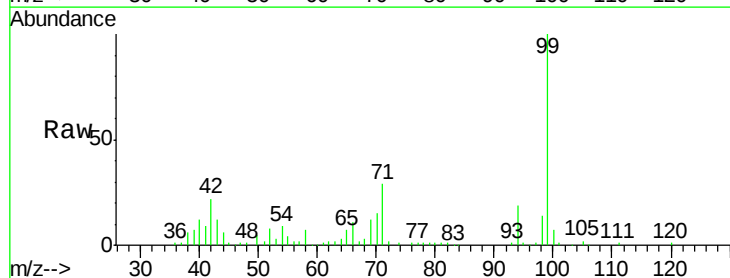
Tgt Ion: 94 Resp: 26200

Ion Ratio Lower Upper

94 100

65 36.9 9.9 49.9

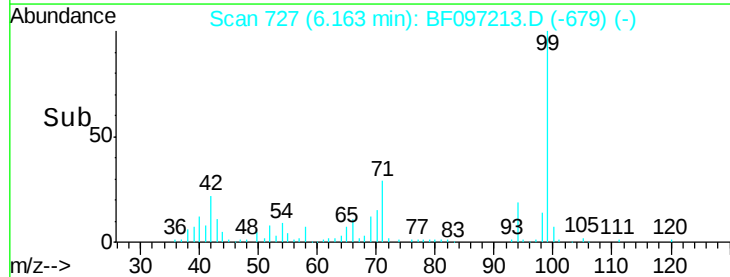
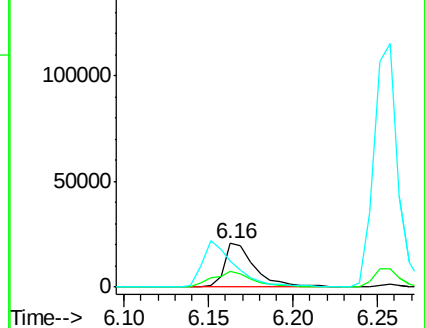
66 59.8 23.1 63.1

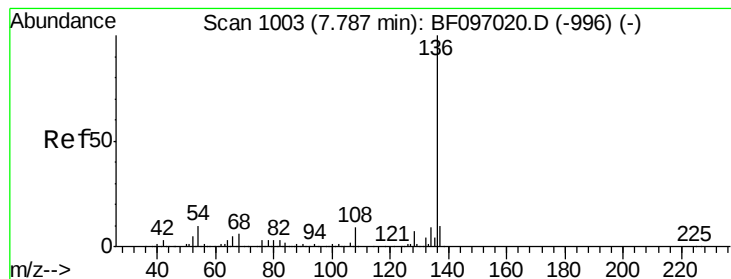


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.76 min Scan# 999

Delta R.T. -0.02 min

Lab File: BF097213.D

Acq: 31 Jul 2017 17:42

Instrument :

BNA_F

ClientSampleId :

CL-02-072717-A

Tot Ion:136 Resp: 472045

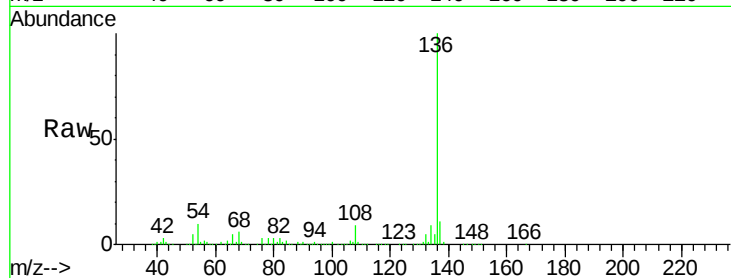
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 10.1 4.9 7.3#

68 5.7 4.1 6.1

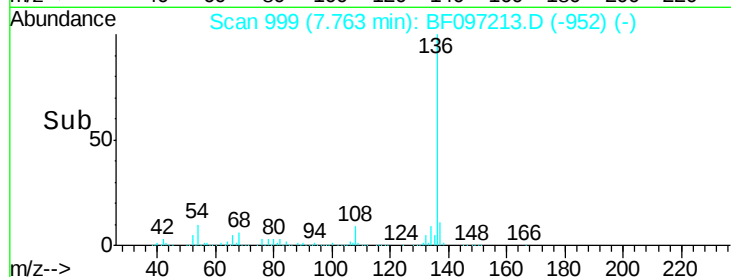


Abundance Ion 136.00 (135.70 to 136.70): E

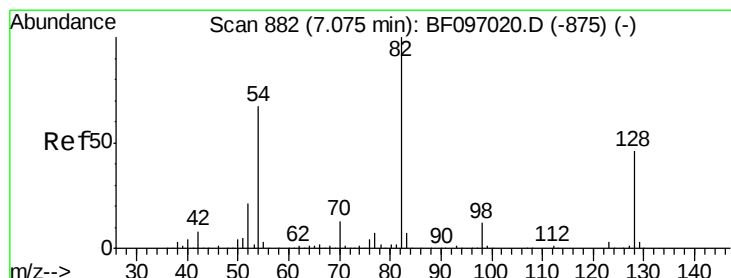
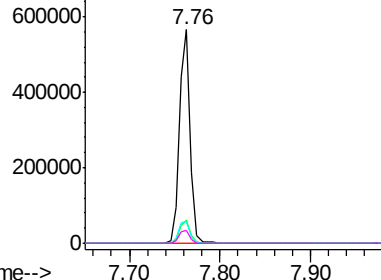
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 31.71 ng

RT: 7.05 min Scan# 877

Delta R.T. -0.03 min

Lab File: BF097213.D

Acq: 31 Jul 2017 17:42

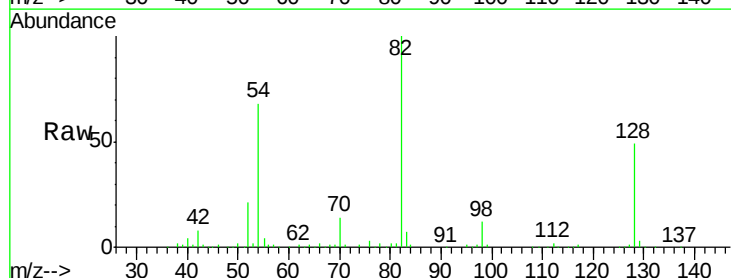
Tgt Ion: 82 Resp: 255154

Ion Ratio Lower Upper

82 100

128 48.9 34.0 51.0

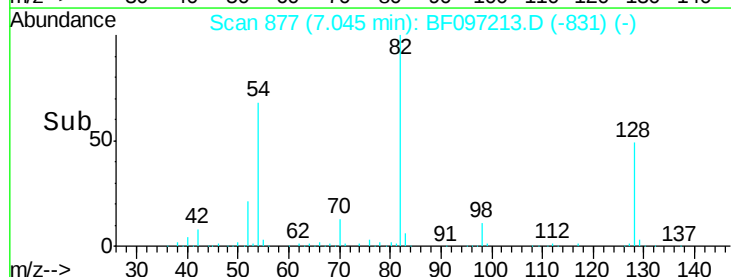
54 67.5 42.2 63.2#



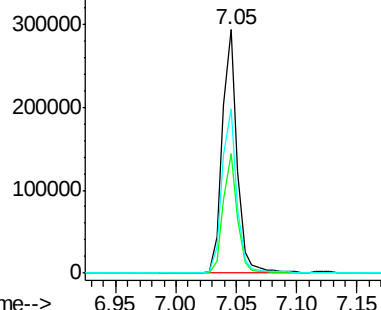
Abundance Ion 82.00 (81.70 to 82.70): BF0

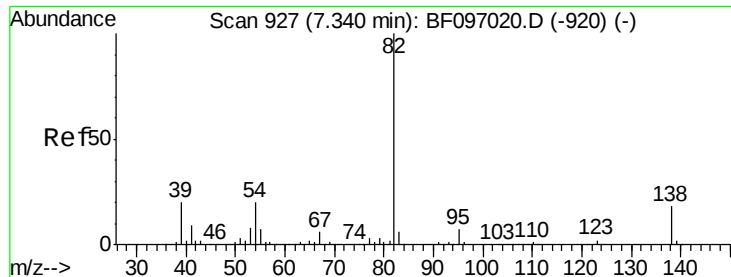
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#25

Isophorone

Concen: 15.76 ng

RT: 7.05 min Scan# 877

Delta R.T. -0.29 min

Lab File: BF097213.D

Acq: 31 Jul 2017 17:42

Instrument :

BNA_F

ClientSampleId :

CL-02-072717-A

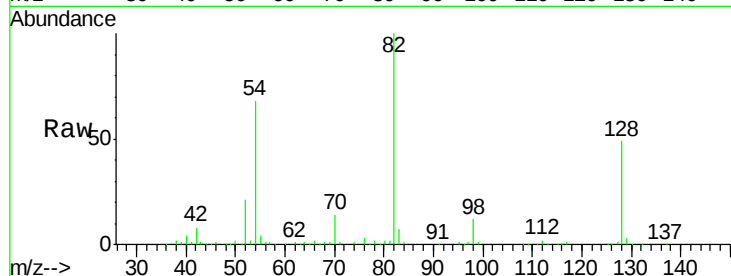
Tot Ion: 82 Resp: 248300

Ion Ratio Lower Upper

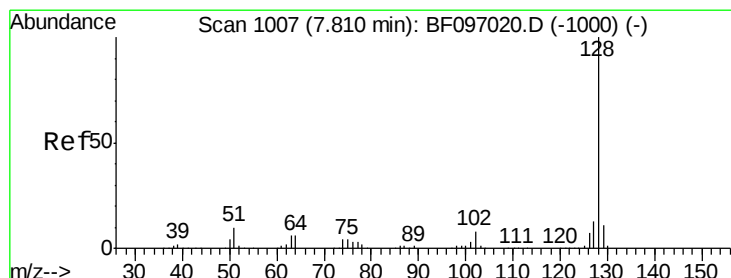
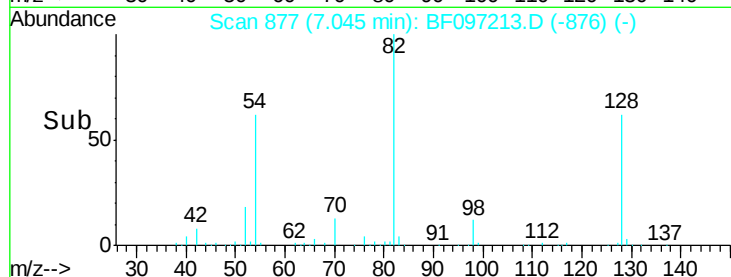
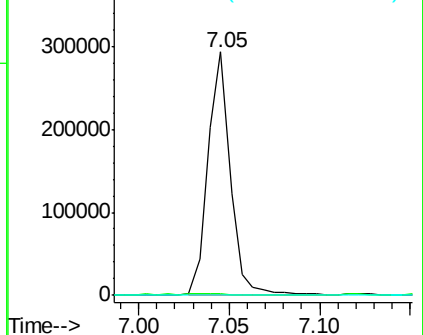
82 100

95 0.5 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



#31

Naphthalene

Concen: 2.56 ng

RT: 7.78 min Scan# 1002

Delta R.T. -0.03 min

Lab File: BF097213.D

Acq: 31 Jul 2017 17:42

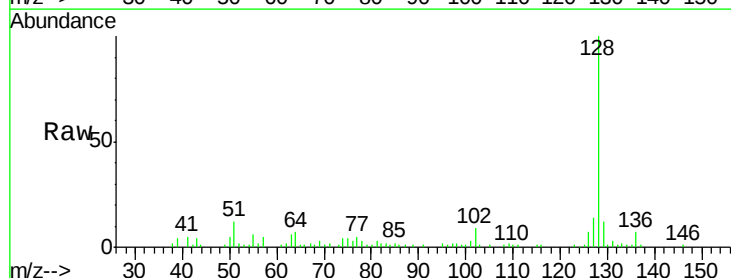
Tgt Ion: 128 Resp: 56987

Ion Ratio Lower Upper

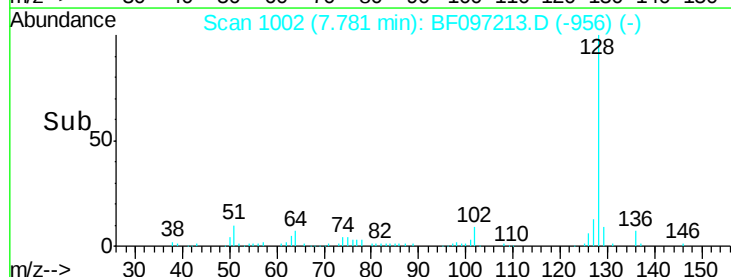
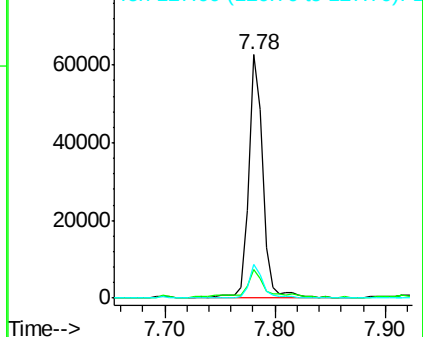
128 100

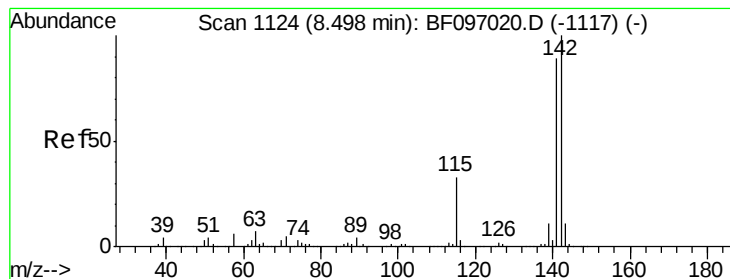
129 12.0 9.0 13.6

127 13.6 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

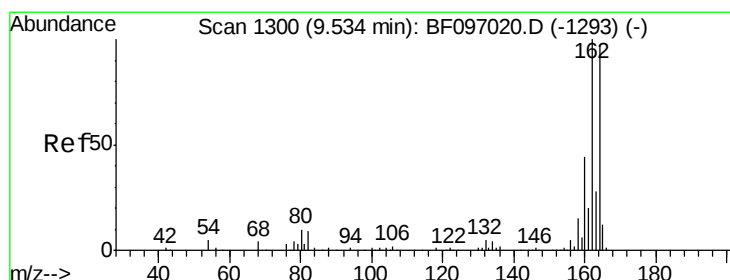
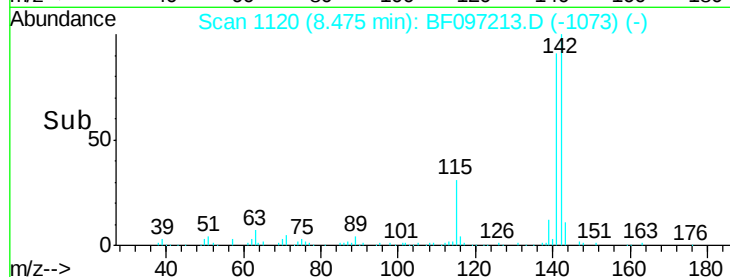
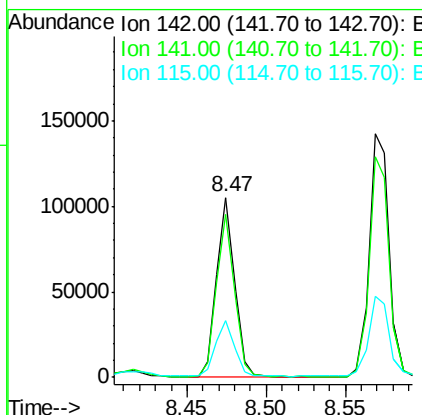
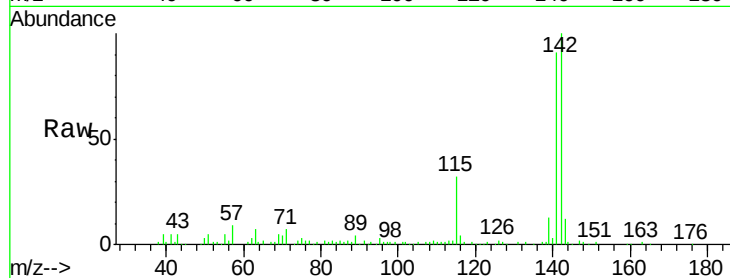




#37
 2-Methylnaphthalene
 Concen: 6.02 ng
 RT: 8.47 min Scan# 1120
 Delta R.T. -0.02 min
 Lab File: BF097213.D
 Acq: 31 Jul 2017 17:42

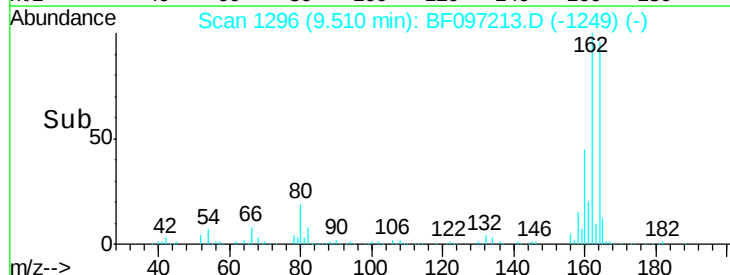
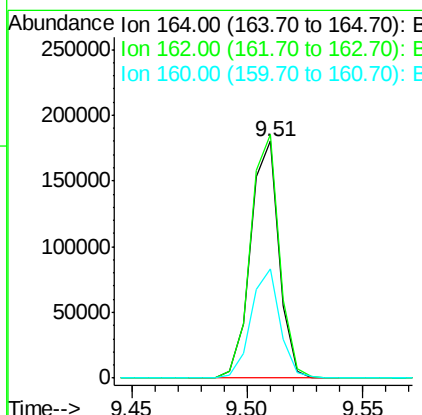
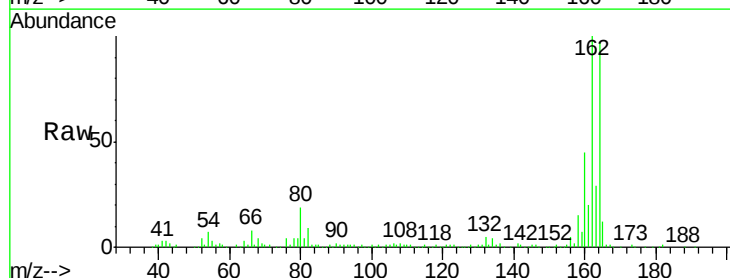
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-072717-A

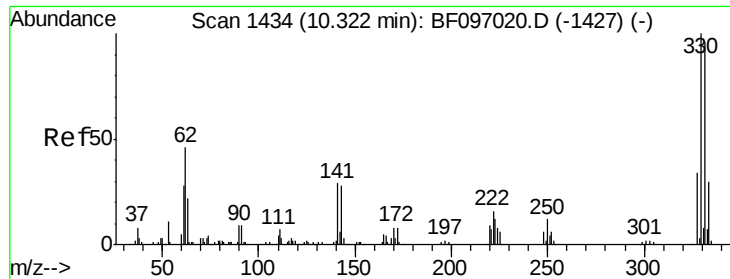
Tot Ion:142 Resp: 84827
 Ion Ratio Lower Upper
 142 100
 141 90.7 71.3 106.9
 115 31.9 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.51 min Scan# 1296
 Delta R.T. -0.02 min
 Lab File: BF097213.D
 Acq: 31 Jul 2017 17:42

Tgt Ion:164 Resp: 156093
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.6 123.8
 160 46.0 36.2 54.2

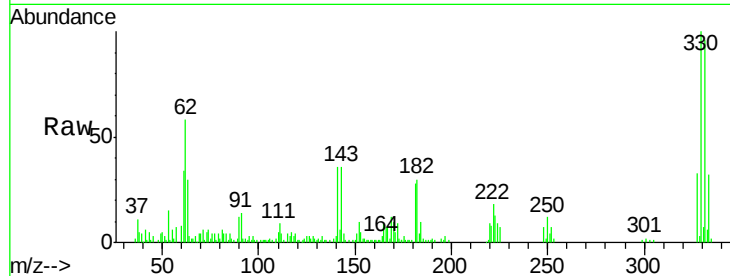




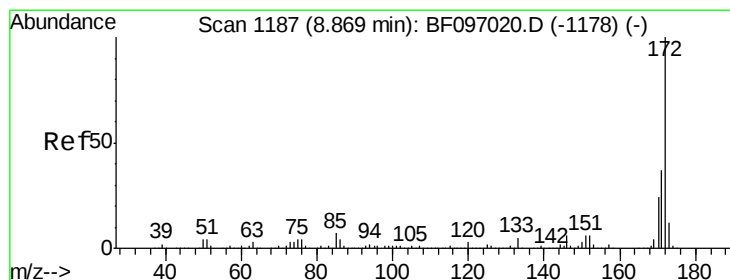
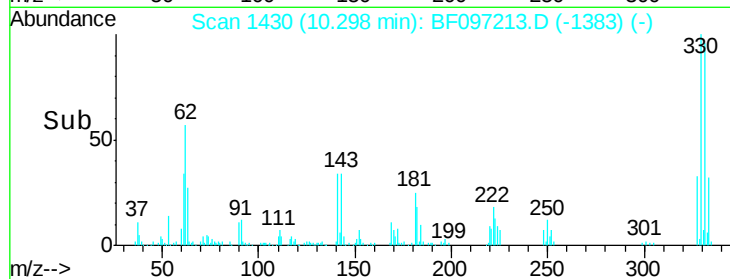
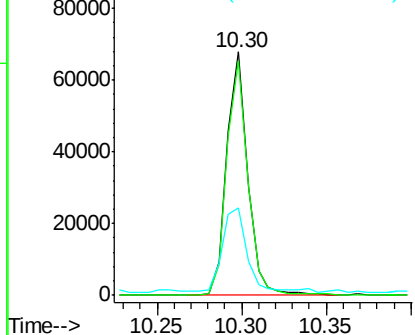
#41
 2,4,6-Tribromophenol
 Concen: 47.56 ng
 RT: 10.30 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF097213.D
 Acq: 31 Jul 2017 17:42

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-072717-A

Tot Ion:330 Resp: 58661
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 115.0
 141 39.1 31.4 47.2

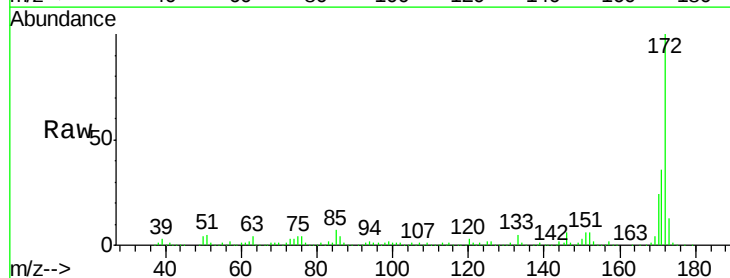


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

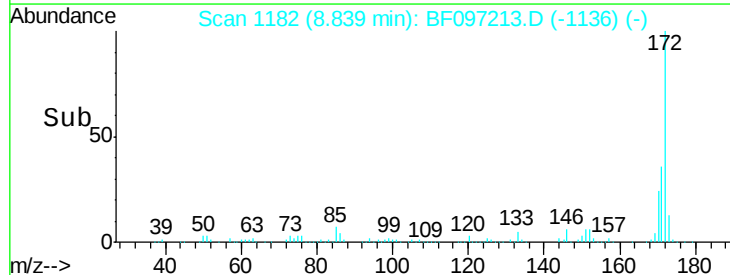
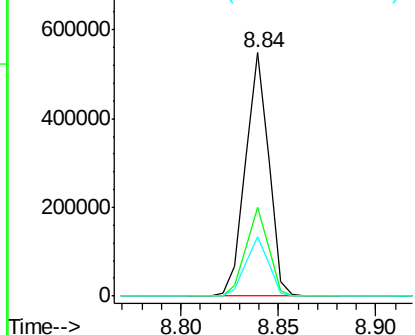


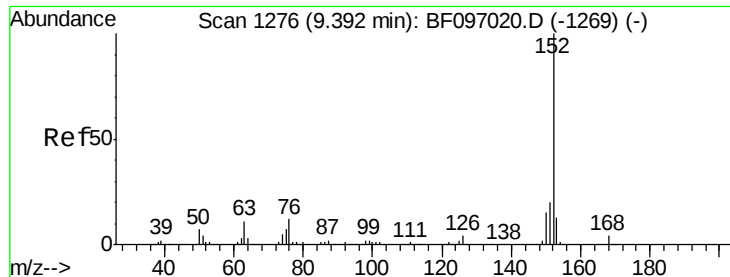
#44
 2-Fluorobiphenyl
 Concen: 49.33 ng
 RT: 8.84 min Scan# 1182
 Delta R.T. -0.03 min
 Lab File: BF097213.D
 Acq: 31 Jul 2017 17:42

Tgt Ion:172 Resp: 453748
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 24.2 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: 8.63 ng

RT: 9.37 min Scan# 1272

Delta R.T. -0.02 min

Lab File: BF097213.D

Acq: 31 Jul 2017 17:42

Instrument :

BNA_F

ClientSampleId :

CL-02-072717-A

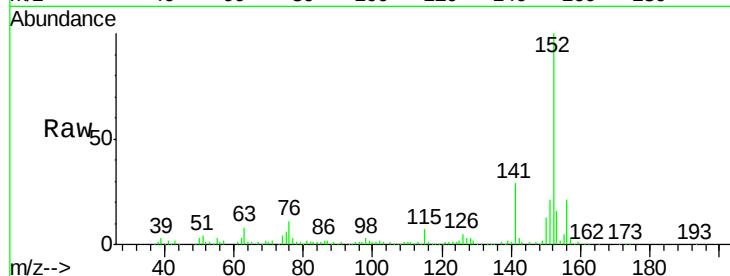
Tot Ion:152 Resp: 130028

Ion Ratio Lower Upper

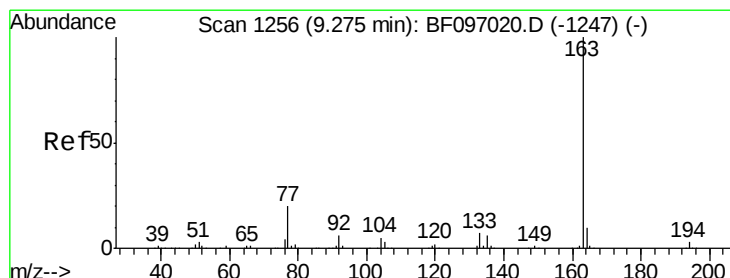
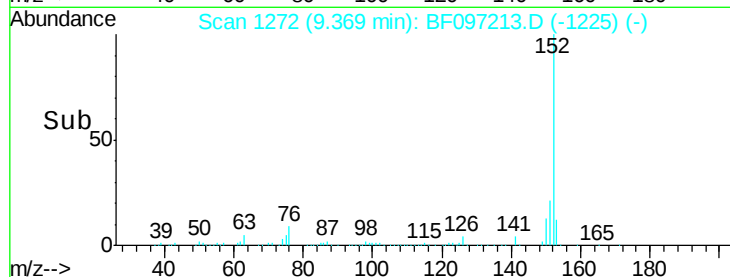
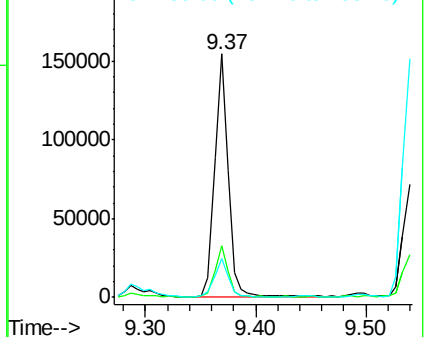
152 100

151 21.1 16.8 25.2

153 15.9 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: 6.65 ng

RT: 9.24 min Scan# 1250

Delta R.T. -0.04 min

Lab File: BF097213.D

Acq: 31 Jul 2017 17:42

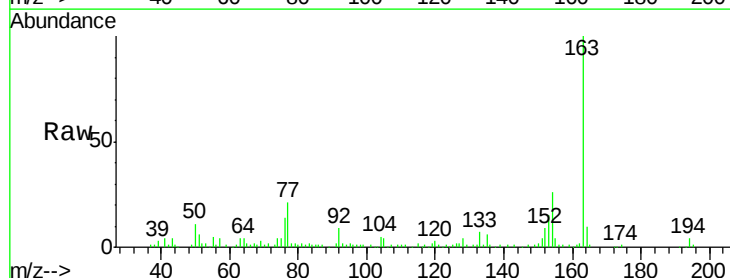
Tgt Ion:163 Resp: 78873

Ion Ratio Lower Upper

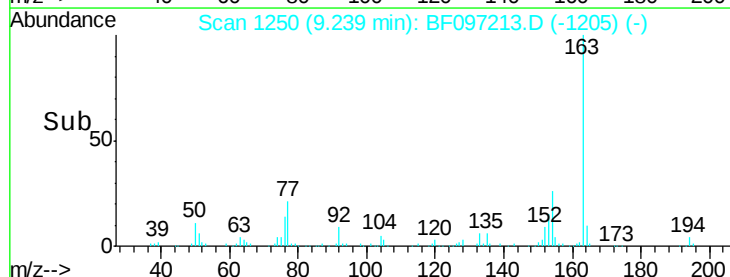
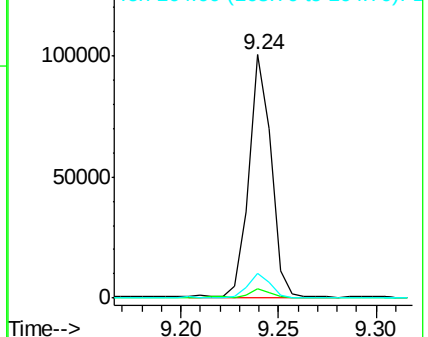
163 100

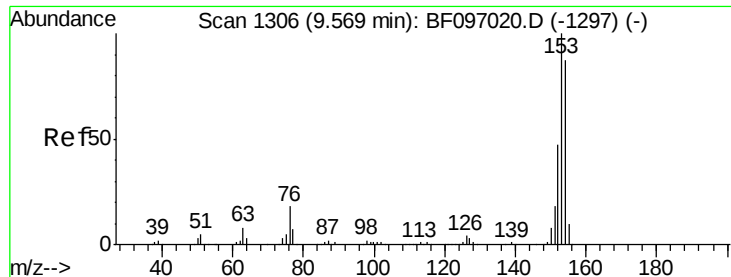
194 4.0 2.6 4.0#

164 10.1 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: 11.77 ng

RT: 9.54 min Scan# 1301

Delta R.T. -0.03 min

Lab File: BF097213.D

Acq: 31 Jul 2017 17:42

Instrument :

BNA_F

ClientSampleId :

CL-02-072717-A

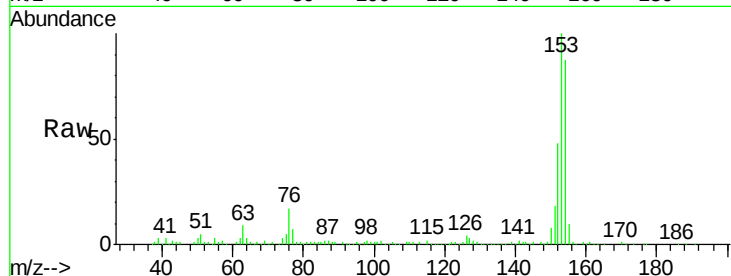
Tot Ion:154 Resp: 104430

Ion Ratio Lower Upper

154 100

153 115.3 90.5 135.7

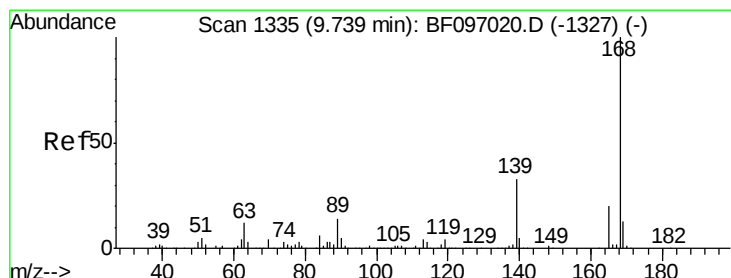
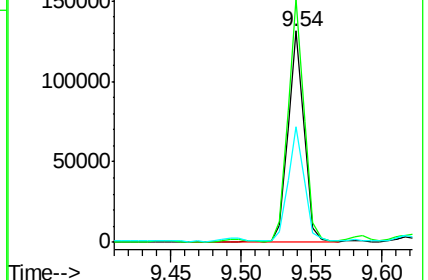
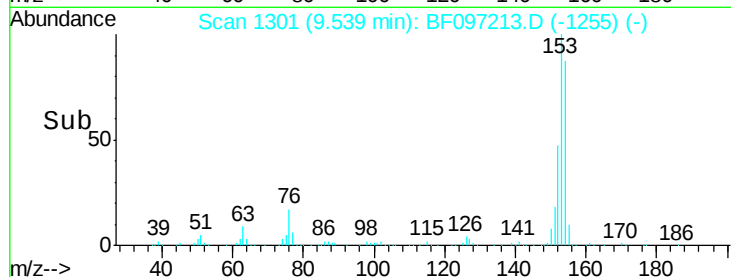
152 54.9 43.6 65.4



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: 5.33 ng

RT: 9.72 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BF097213.D

Acq: 31 Jul 2017 17:42

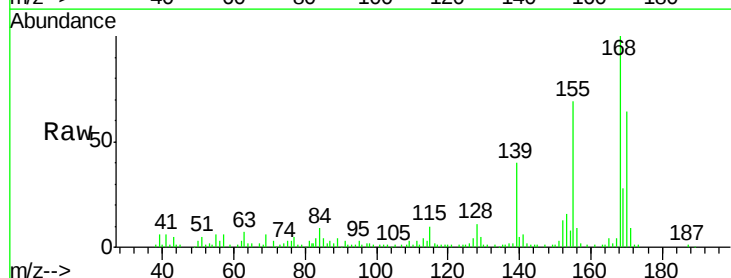
Tgt Ion:168 Resp: 62934

Ion Ratio Lower Upper

168 100

139 39.6 30.6 45.8

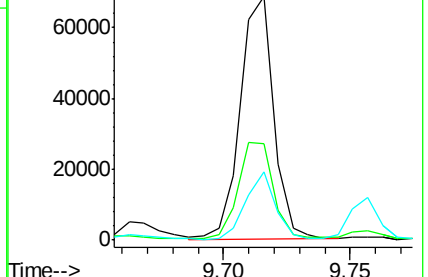
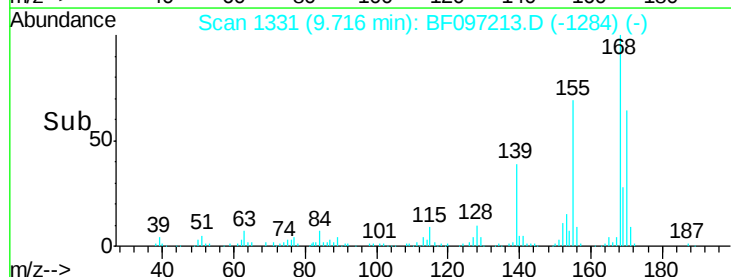
169 28.2 10.8 16.2#

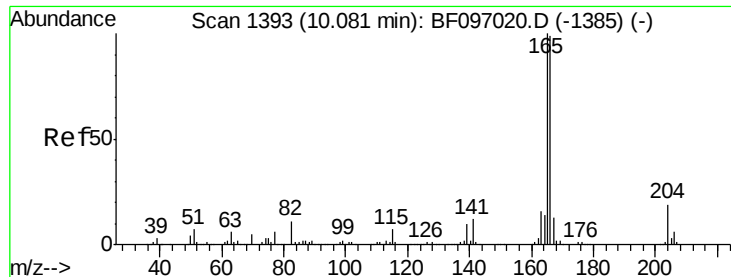


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#57

Fluorene

Concen: 19.79 ng

RT: 10.05 min Scan# 1388

Delta R.T. -0.03 min

Lab File: BF097213.D

Acq: 31 Jul 2017 17:42

Instrument :

BNA_F

ClientSampleId :

CL-02-072717-A

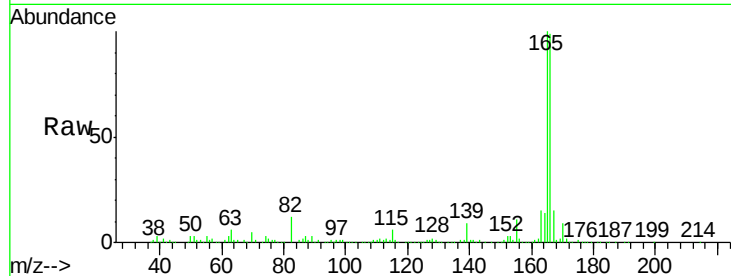
Tot Ion:166 Resp: 175749

Ion Ratio Lower Upper

166 100

165 101.3 78.8 118.2

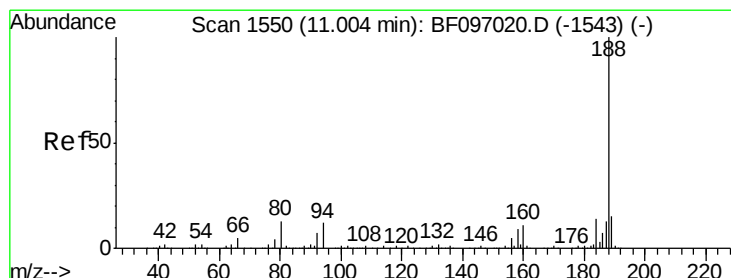
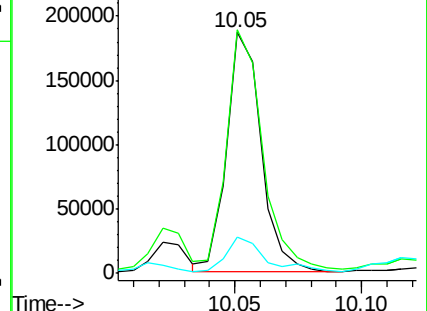
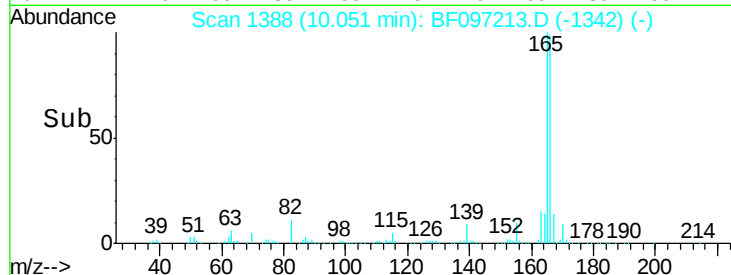
167 14.9 10.6 16.0



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: 20.00 ng

RT: 10.99 min Scan# 1547

Delta R.T. -0.02 min

Lab File: BF097213.D

Acq: 31 Jul 2017 17:42

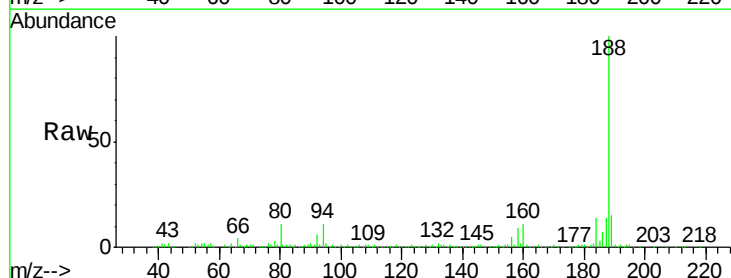
Tgt Ion:188 Resp: 219770

Ion Ratio Lower Upper

188 100

94 11.0 9.4 14.2

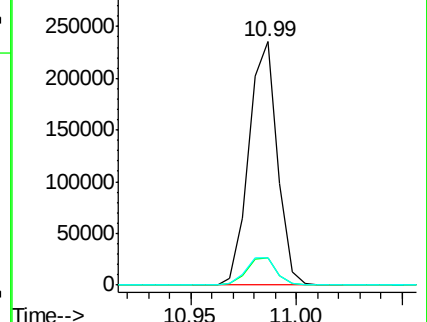
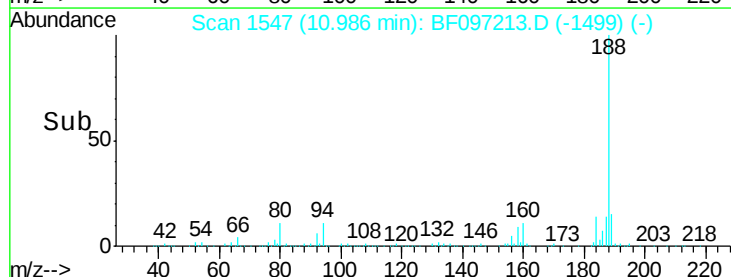
80 11.4 10.2 15.2

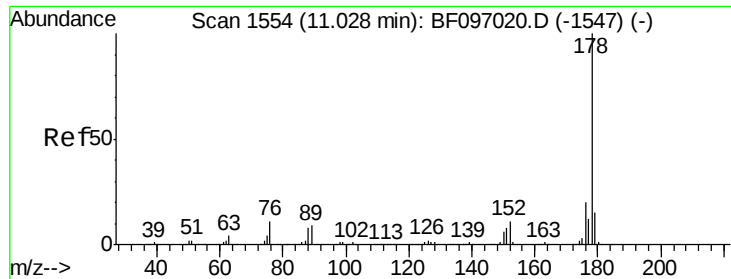


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

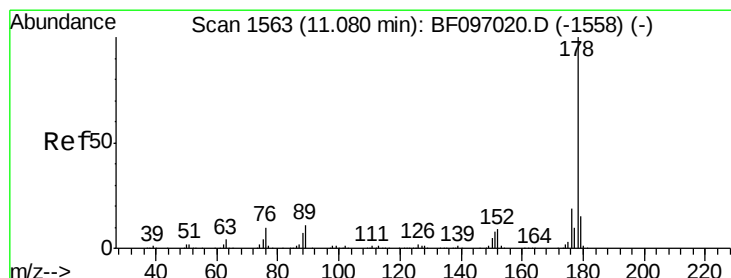
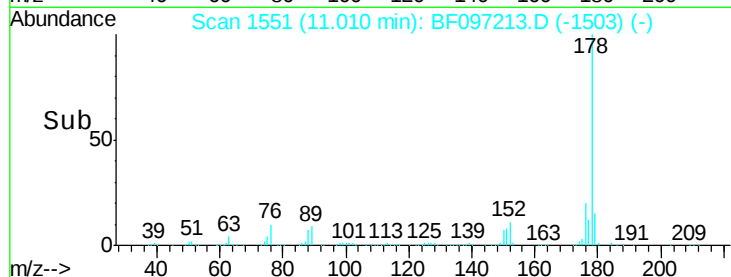
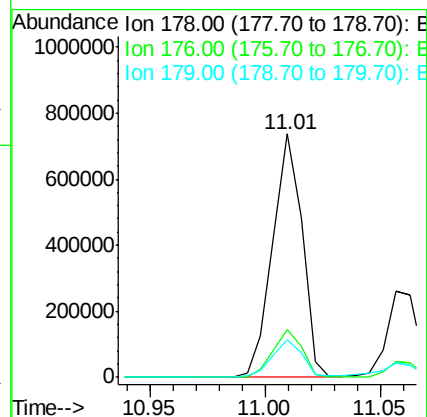
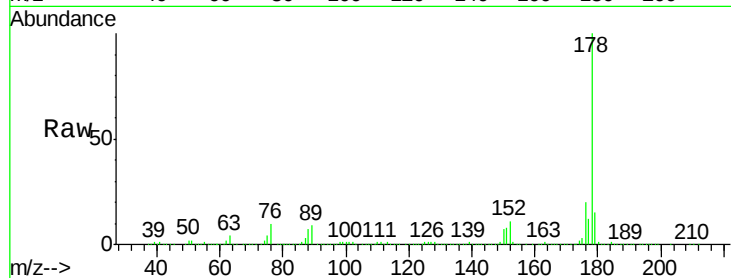




#70
Phenanthrene
Concen: 55.93 ng
RT: 11.01 min Scan# 1551
Delta R.T. -0.02 min
Lab File: BF097213.D
Acq: 31 Jul 2017 17:42

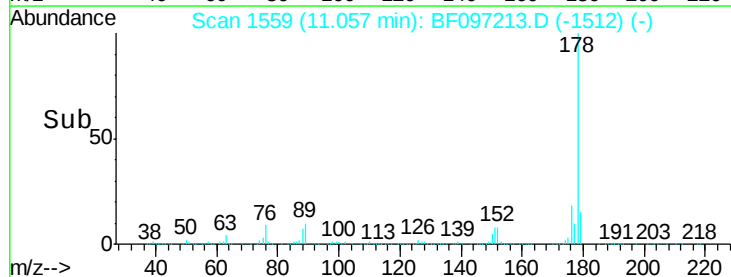
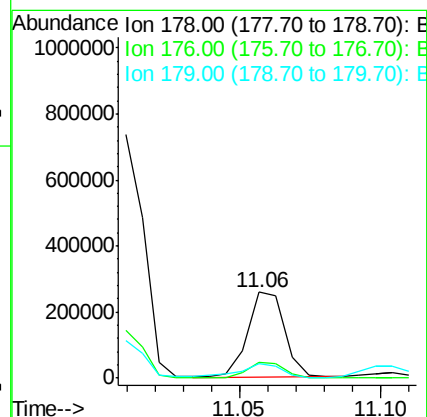
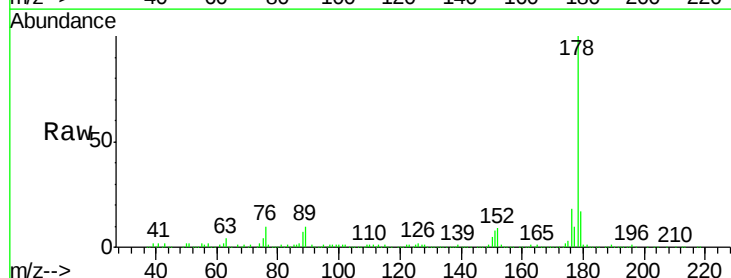
Instrument :
BNA_F
ClientSampleId :
CL-02-072717-A

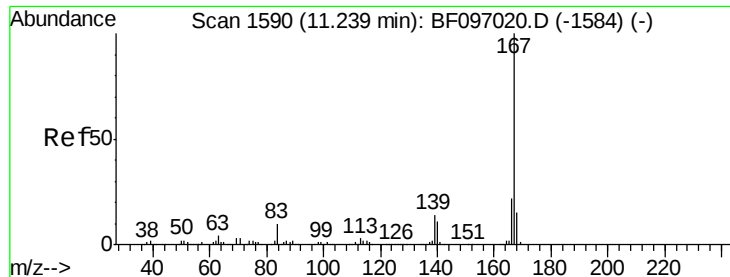
Tot Ion:178 Resp: 658565
Ion Ratio Lower Upper
178 100
176 19.8 16.2 24.4
179 15.4 12.6 19.0



#71
Anthracene
Concen: 19.42 ng
RT: 11.06 min Scan# 1559
Delta R.T. -0.02 min
Lab File: BF097213.D
Acq: 31 Jul 2017 17:42

Tgt Ion:178 Resp: 234265
Ion Ratio Lower Upper
178 100
176 18.4 15.8 23.8
179 16.6 12.7 19.1





#72

Carbazole

Concen: 2.97 ng

RT: 11.22 min Scan# 1587

Delta R.T. -0.02 min

Lab File: BF097213.D

Acq: 31 Jul 2017 17:42

Instrument :

BNA_F

ClientSampleId :

CL-02-072717-A

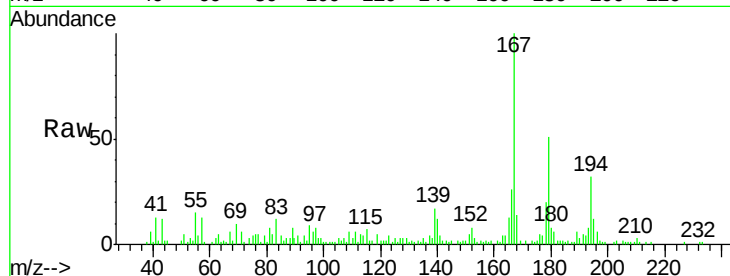
Tot Ion:167 Resp: 35171

Ion Ratio Lower Upper

167 100

166 26.2 18.1 27.1

139 17.0 11.7 17.5

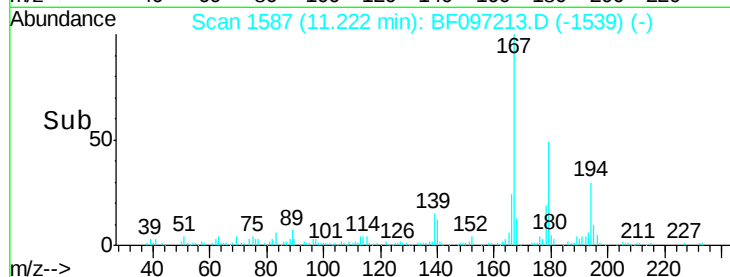


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

Time-->



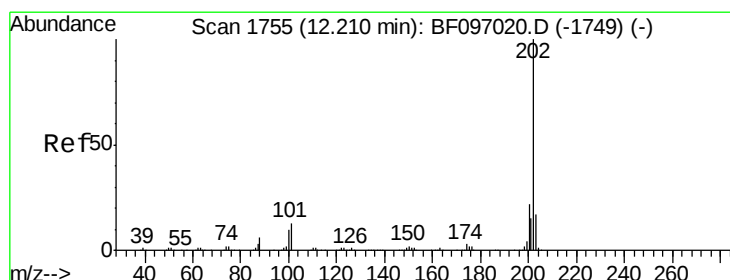
Abundance

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

Time-->



#74

Fluoranthene

Concen: 58.35 ng

RT: 12.20 min Scan# 1753

Delta R.T. -0.01 min

Lab File: BF097213.D

Acq: 31 Jul 2017 17:42

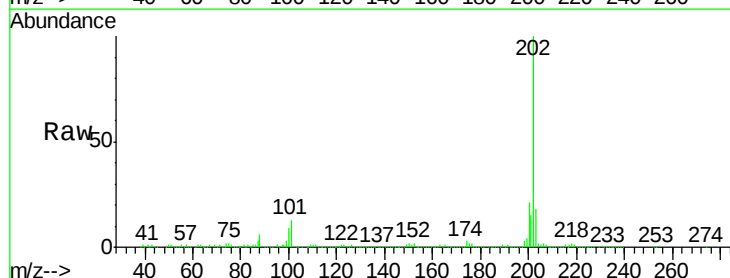
Tgt Ion:202 Resp: 673113

Ion Ratio Lower Upper

202 100

101 12.9 0.0 33.2

203 17.5 0.0 38.1

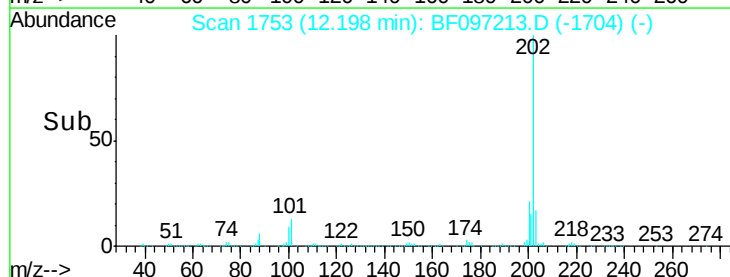


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

Time-->



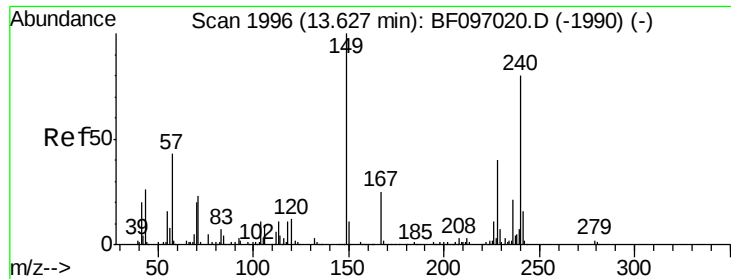
Abundance

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

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.62 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BF097213.D

Acq: 31 Jul 2017 17:42

Instrument :

BNA_F

ClientSampleId :

CL-02-072717-A

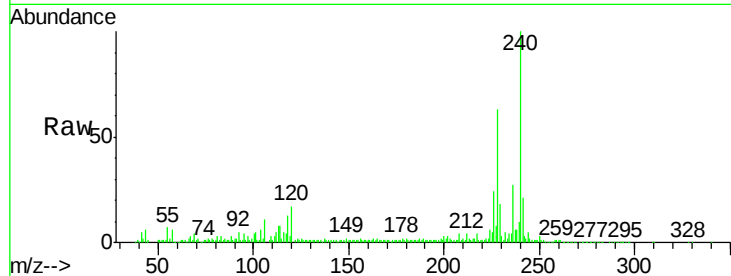
Tot Ion:240 Resp: 200810

Ion Ratio Lower Upper

240 100

120 16.9 5.8 8.8#

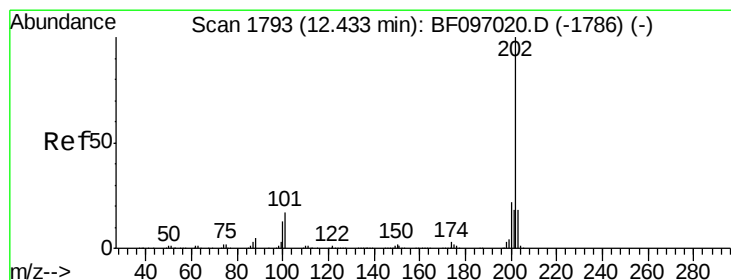
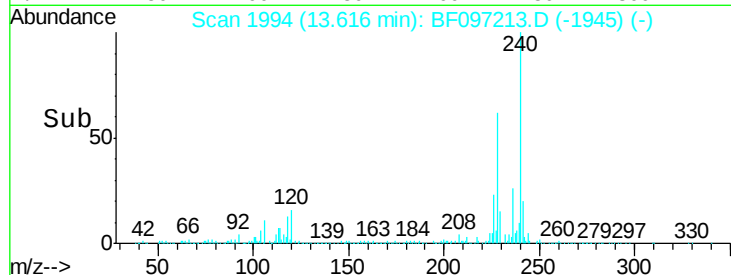
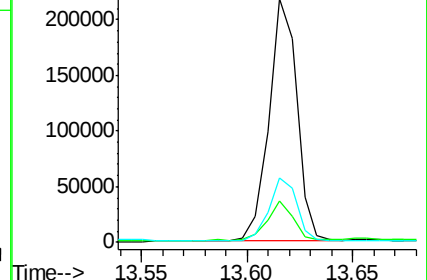
236 26.6 20.5 30.7



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: 47.80 ng

RT: 12.42 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF097213.D

Acq: 31 Jul 2017 17:42

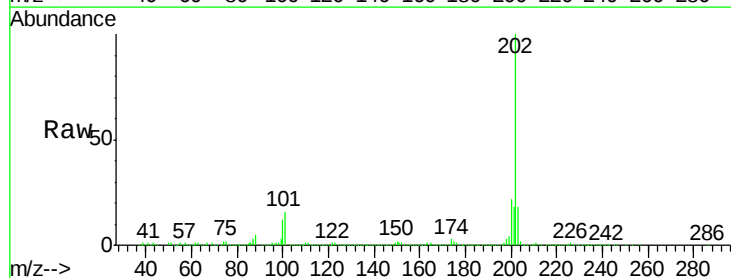
Tgt Ion:202 Resp: 785770

Ion Ratio Lower Upper

202 100

200 22.0 17.6 26.4

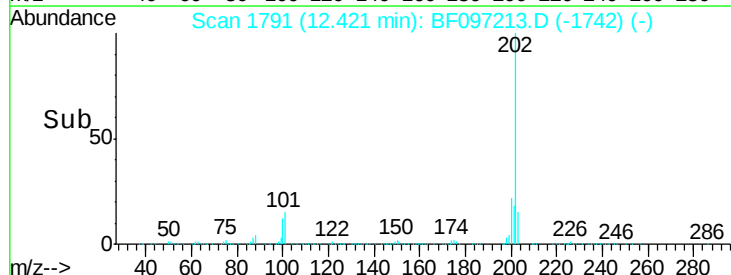
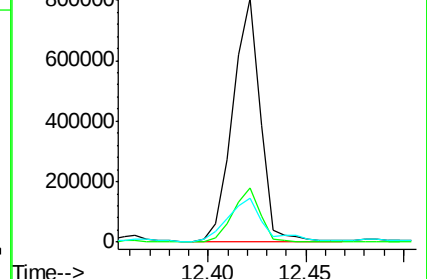
203 17.9 14.4 21.6

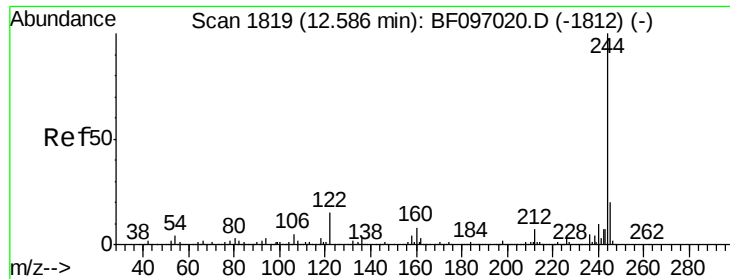


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 27.42 ng

RT: 12.57 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF097213.D

Acq: 31 Jul 2017 17:42

Instrument :

BNA_F

ClientSampleId :

CL-02-072717-A

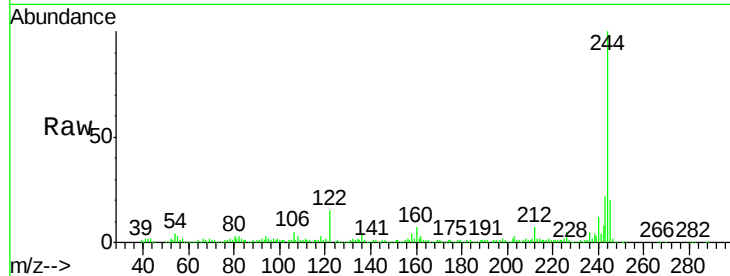
Tot Ion:244 Resp: 270044

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

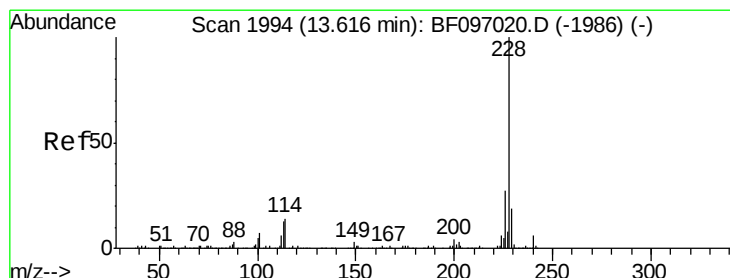
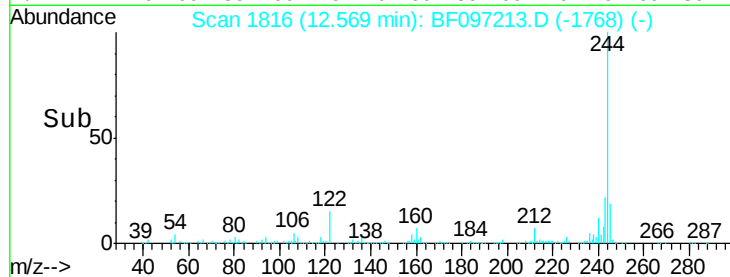
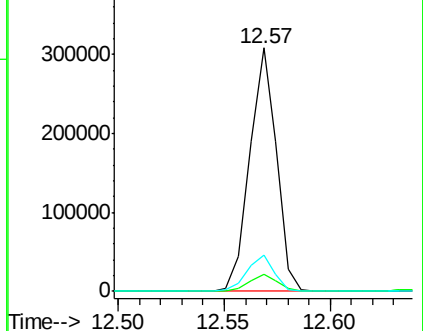
122 14.8 10.3 15.5



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: 25.05 ng

RT: 13.61 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF097213.D

Acq: 31 Jul 2017 17:42

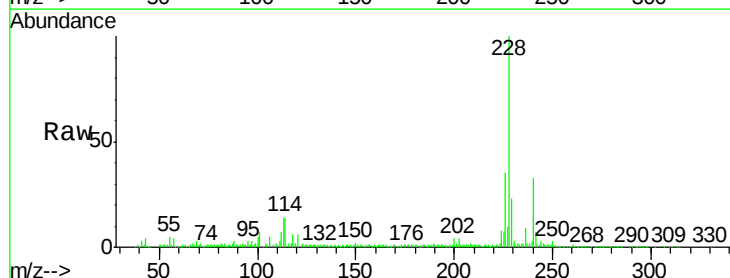
Tgt Ion:228 Resp: 325518

Ion Ratio Lower Upper

228 100

226 34.6 22.6 33.8#

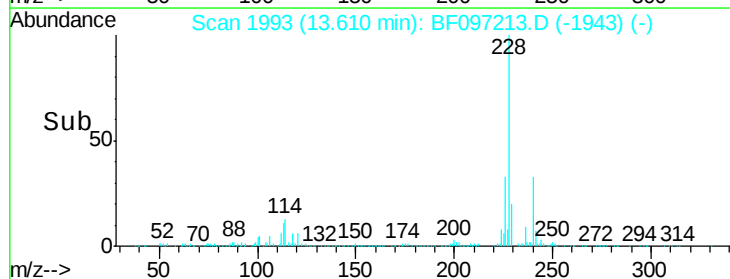
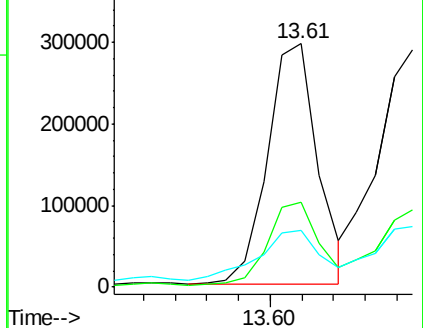
229 23.2 16.3 24.5

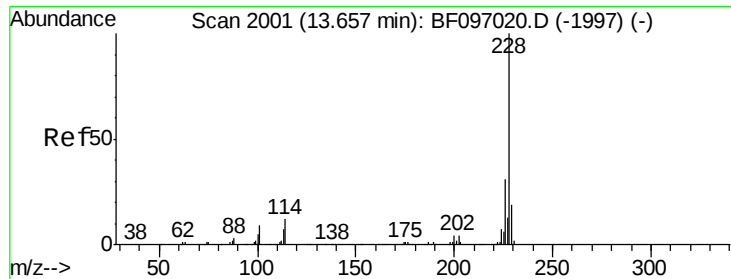


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 25.66 ng

RT: 13.61 min Scan# 1993

Delta R.T. -0.05 min

Lab File: BF097213.D

Acq: 31 Jul 2017 17:42

Instrument :

BNA_F

ClientSampleId :

CL-02-072717-A

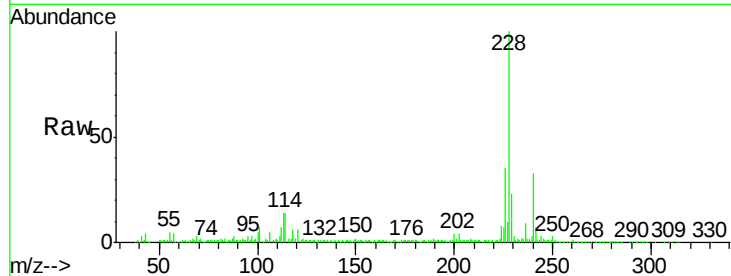
Tot Ion:228 Resp: 325518

Ion Ratio Lower Upper

228 100

226 34.6 24.9 37.3

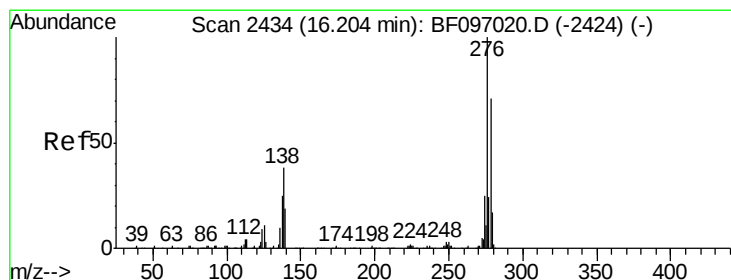
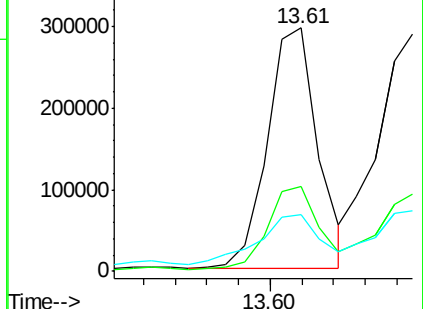
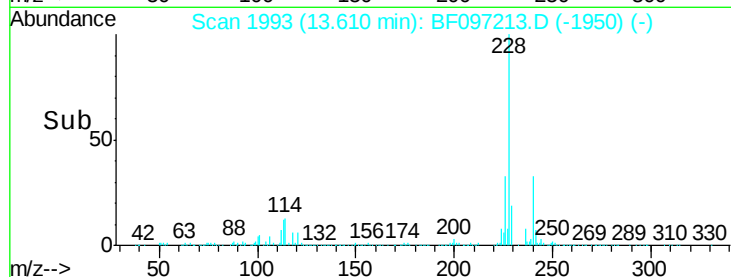
229 23.2 15.8 23.6



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: 9.84 ng

RT: 16.20 min Scan# 2434

Delta R.T. -0.00 min

Lab File: BF097213.D

Acq: 31 Jul 2017 17:42

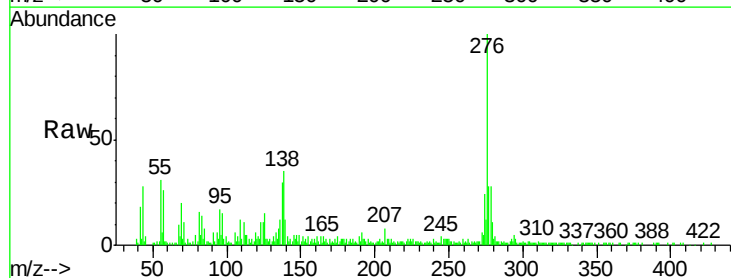
Tgt Ion:276 Resp: 107076

Ion Ratio Lower Upper

276 100

138 32.5 27.8 41.6

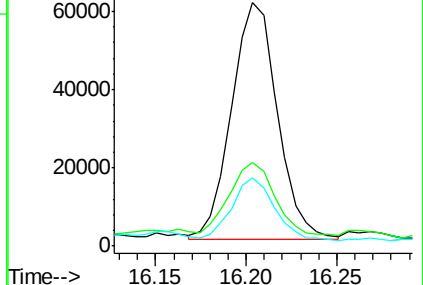
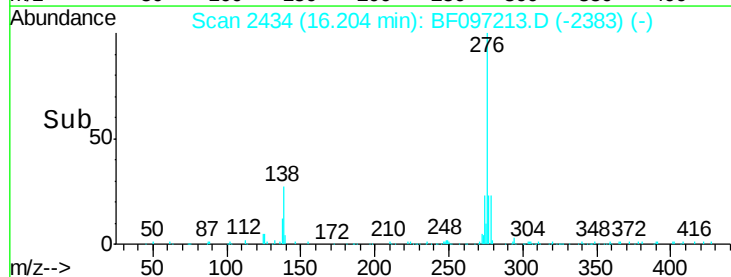
277 24.2 20.2 30.4

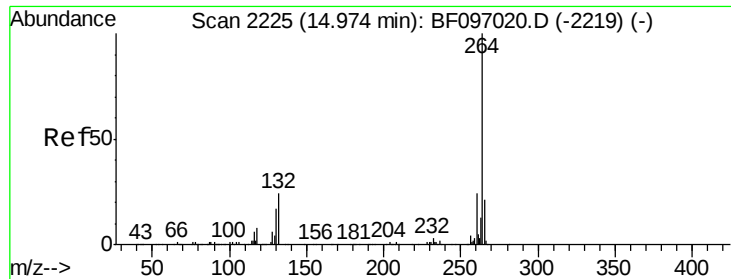


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

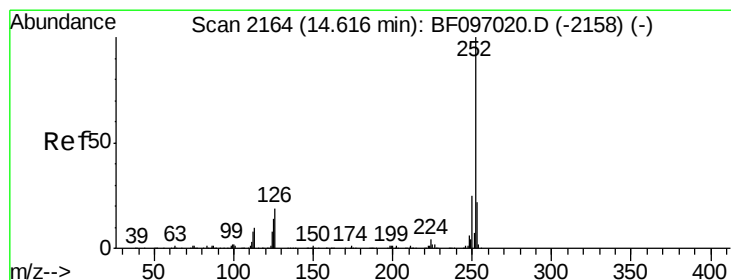
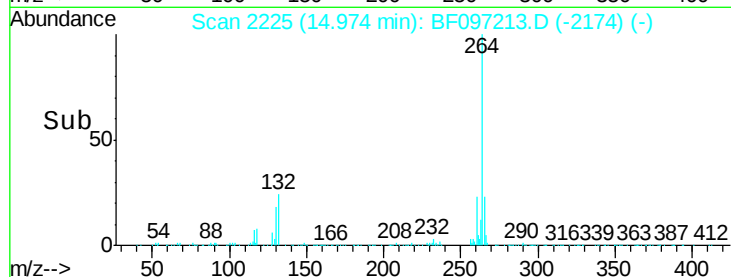
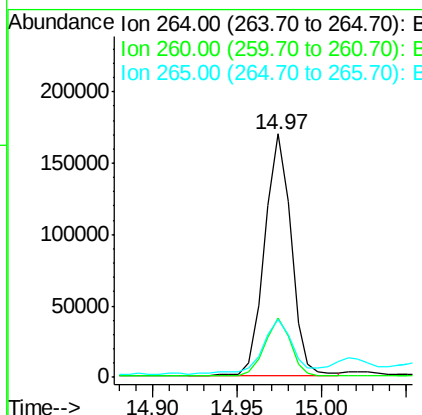
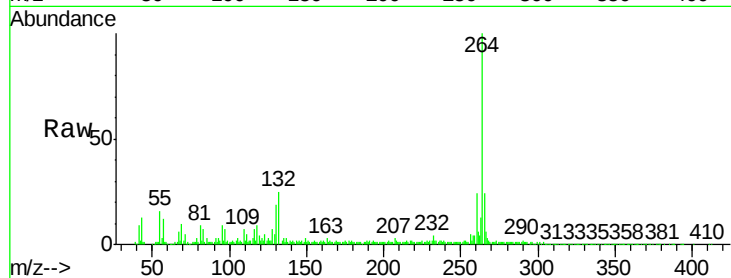




#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.97 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BF097213.D
Acq: 31 Jul 2017 17:42

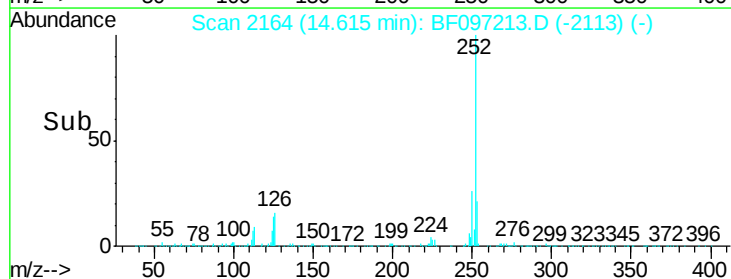
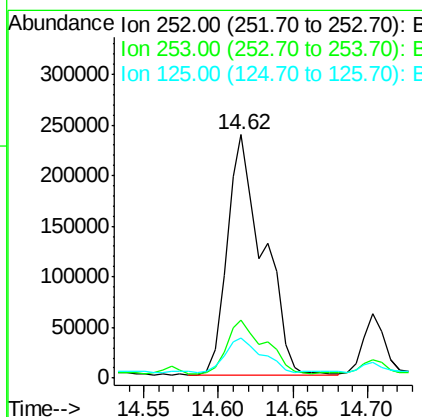
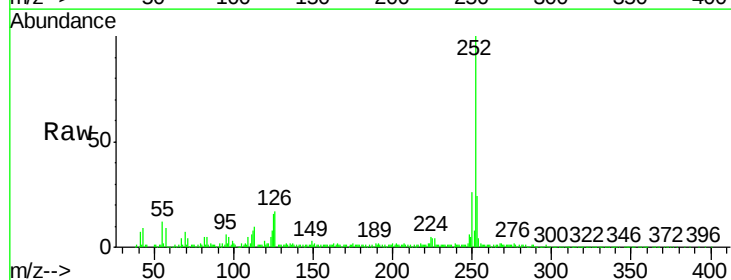
Instrument :
BNA_F
ClientSampleId :
CL-02-072717-A

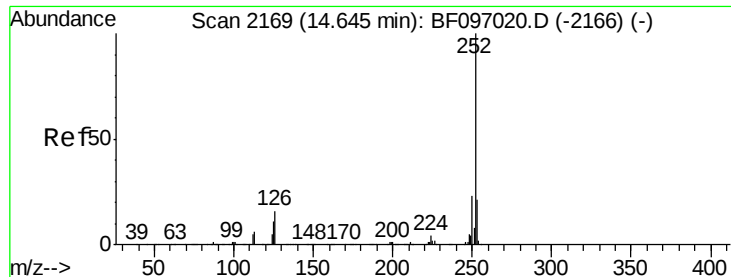
Tot Ion:264 Resp: 185289
Ion Ratio Lower Upper
264 100
260 24.2 19.5 29.3
265 23.8 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 35.72 ng
RT: 14.62 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BF097213.D
Acq: 31 Jul 2017 17:42

Tgt Ion:252 Resp: 397903
Ion Ratio Lower Upper
252 100
253 23.9 18.1 27.1
125 16.2 9.8 14.8#

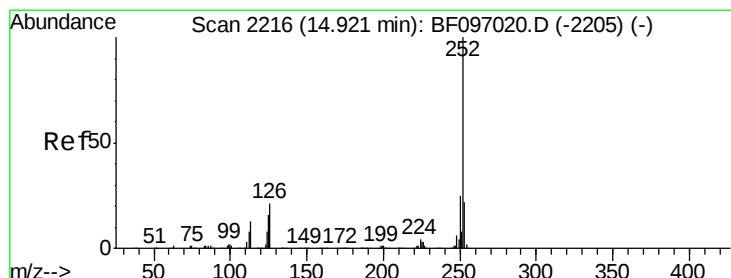
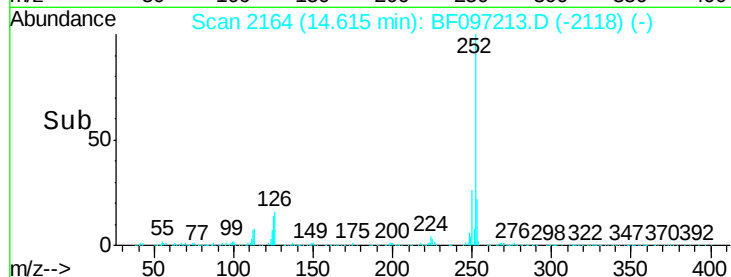
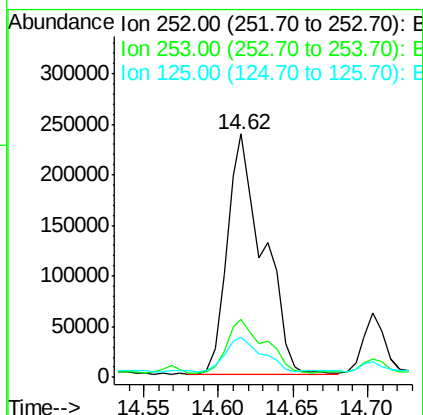
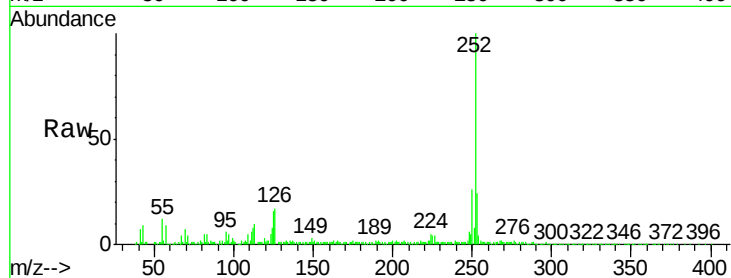




#88
Benzo(k)fluoranthene
Concen: 37.49 ng
RT: 14.62 min Scan# 2164
Delta R.T. -0.03 min
Lab File: BF097213.D
Acq: 31 Jul 2017 17:42

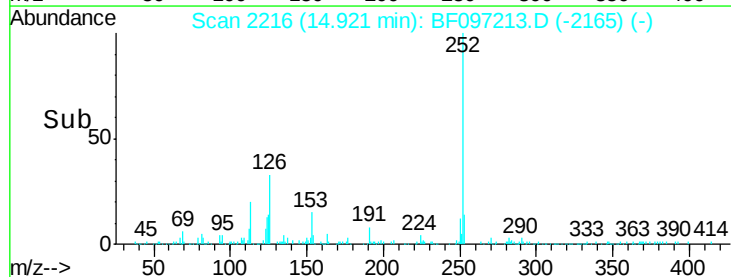
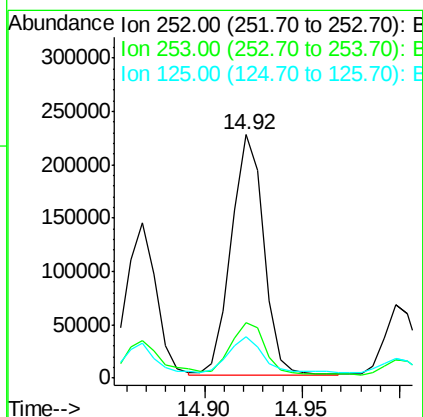
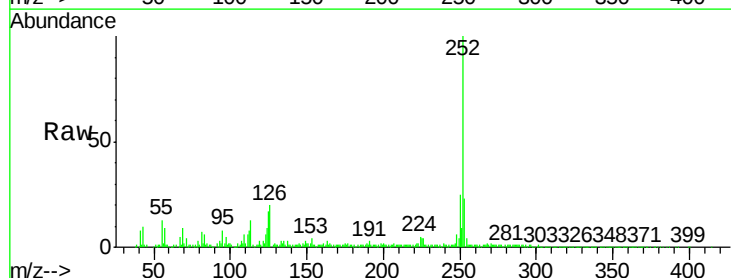
Instrument :
BNA_F
ClientSampleId :
CL-02-072717-A

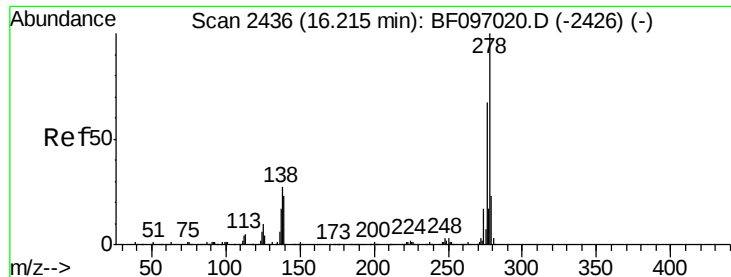
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.4	27.6
125	16.2	13.1	19.7



#89
Benzo(a)pyrene
Concen: 25.67 ng
RT: 14.92 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BF097213.D
Acq: 31 Jul 2017 17:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	16.8	11.0	16.4#

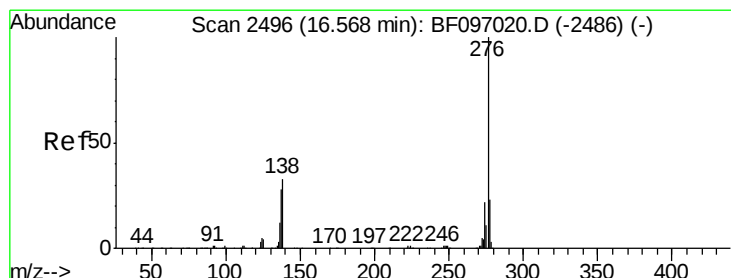
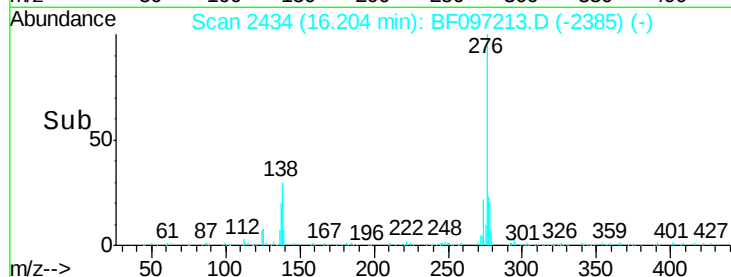
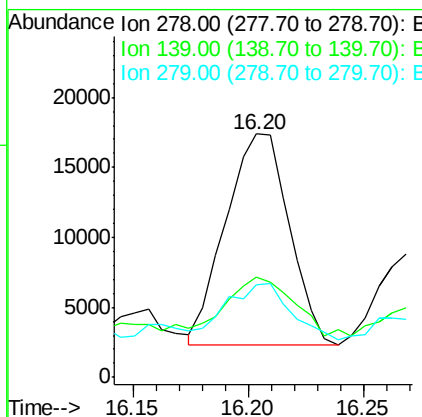
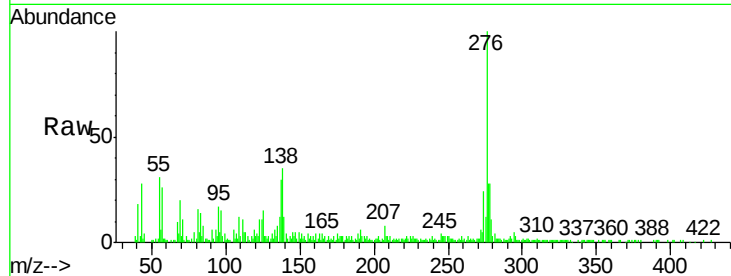




#90
Dibenzo(a,h)anthracene
Concen: 3.44 ng
RT: 16.20 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BF097213.D
Acq: 31 Jul 2017 17:42

Instrument :
BNA_F
ClientSampleId :
CL-02-072717-A

Tot Ion:278 Resp: 28766
Ion Ratio Lower Upper
278 100
139 41.2 16.6 24.8#
279 37.9 19.3 28.9#



#91
Benzo(g,h,i)perylene
Concen: 11.95 ng
RT: 16.57 min Scan# 2497
Delta R.T. 0.01 min
Lab File: BF097213.D
Acq: 31 Jul 2017 17:42

Tgt Ion:276 Resp: 104743
Ion Ratio Lower Upper
276 100
277 23.6 18.6 28.0
138 33.6 25.4 38.0

