

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
 Data File : BF097227.D
 Acq On : 1 Aug 2017 12:42
 Operator : SJ/JU
 Sample : I4488-10DL 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Aug 01 14:58:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 01 14:57:42 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	99178	20.00	ng	0.00
21) Naphthalene-d8	7.75	136	363502	20.00	ng	0.00
38) Acenaphthene-d10	9.49	164	139275	20.00	ng	0.00
63) Phenanthrene-d10	10.97	188	235629	20.00	ng	0.00
75) Chrysene-d12	13.60	240	203296	20.00	ng	0.00
86) Perylene-d12	14.94	264	169649	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	356828	54.24	ng	0.00
7) Phenol-d6	6.14	99	385102	51.27	ng	-0.01
23) Nitrobenzene-d5	7.03	82	201521	32.52	ng	-0.01
41) 2,4,6-Tribromophenol	10.28	330	52971	48.14	ng	-0.01
44) 2-Fluorobiphenyl	8.83	172	311918	38.01	ng	0.00
78) Terphenyl-d14	12.55	244	241716	24.24	ng	0.00

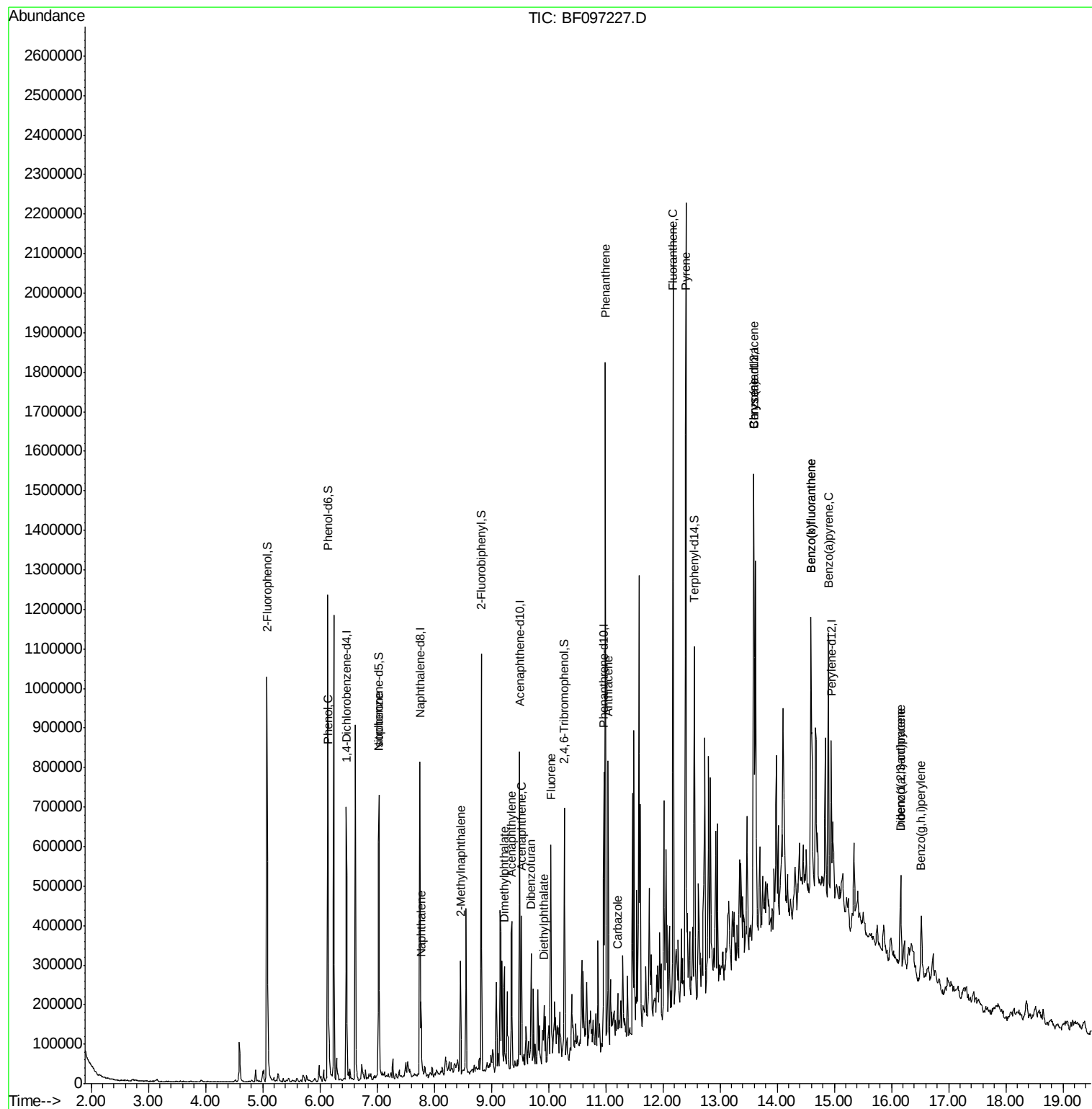
Target Compounds				Qvalue		
10) Phenol	6.15	94	19589	2.199	ng	87
25) Isophorone	7.03	82	179909	14.826	ng	# 67
31) Naphthalene	7.77	128	75040	4.379	ng	98
37) 2-Methylnaphthalene	8.46	142	70498	6.498	ng	98
48) Acenaphthylene	9.36	152	122345	9.105	ng	98
49) Dimethylphthalate	9.23	163	66327	6.271	ng	99
51) Acenaphthene	9.53	154	86020	10.868	ng	97
54) Dibenzofuran	9.70	168	52791	5.008	ng	# 95
57) Fluorene	10.04	166	142082	17.932	ng	94
59) Diethylphthalate	9.92	149	26078	2.688	ng	# 97
70) Phenanthrene	10.99	178	674670	53.439	ng	100
71) Anthracene	11.05	178	251849	19.477	ng	97
72) Carbazole	11.21	167	31461	2.474	ng	97
74) Fluoranthene	12.18	202	796078	64.365	ng	98
77) Pyrene	12.40	202	920630	55.316	ng	99
80) Benzo(a)anthracene	13.59	228	417824	31.764	ng	92
82) Chrysene	13.59	228	417824	32.529	ng	95
85) Indeno(1,2,3-cd)pyrene	16.16	276	113926	10.344	ng	94
87) Benzo(b)fluoranthene	14.59	252	463255	45.426	ng	# 97
88) Benzo(k)fluoranthene	14.59	252	463255	47.671	ng	99
89) Benzo(a)pyrene	14.90	252	280241	30.026	ng	96
90) Dibenz(a,h)anthracene	16.16	278	32816	4.288	ng	# 78
91) Benzo(g,h,i)perylene	16.52	276	110594	13.779	ng	99

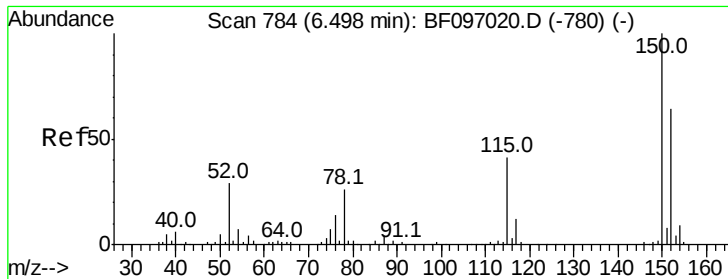
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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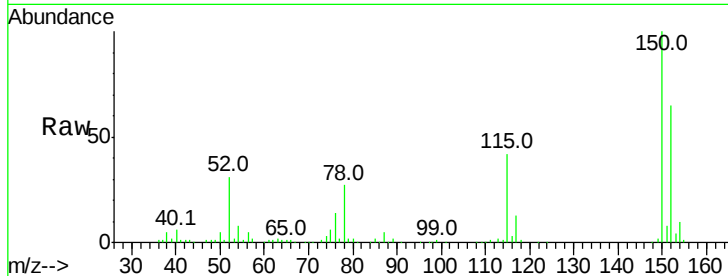


#1

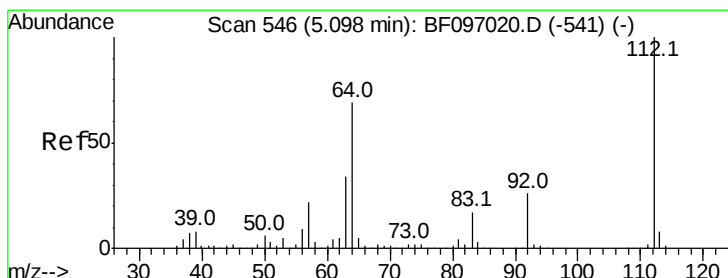
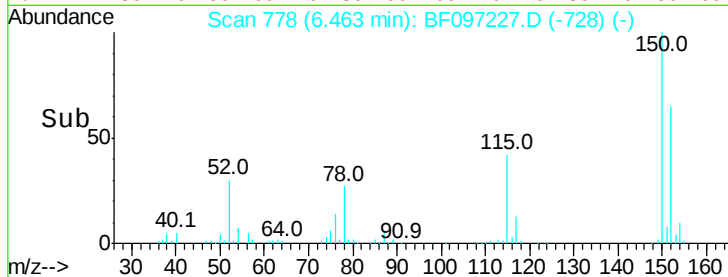
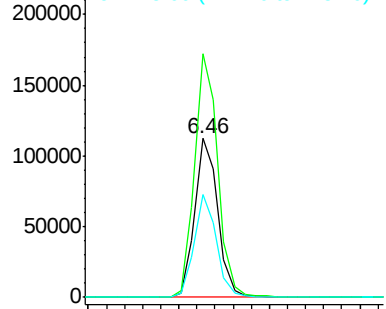
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.46 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF097227.D
Acq: 1 Aug 2017 12:42

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

Tot Ion:152 Resp: 99178
Ion Ratio Lower Upper
152 100
150 153.5 126.2 189.2
115 65.1 52.2 78.2



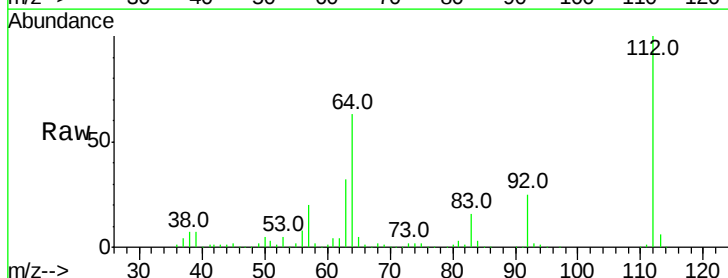
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



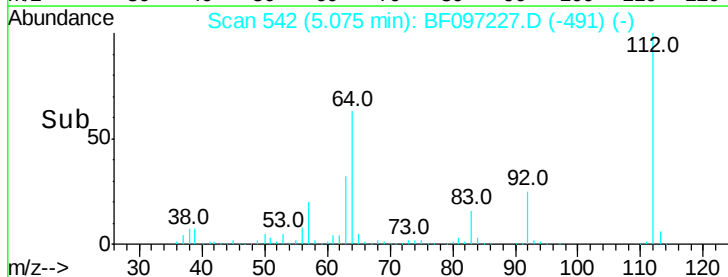
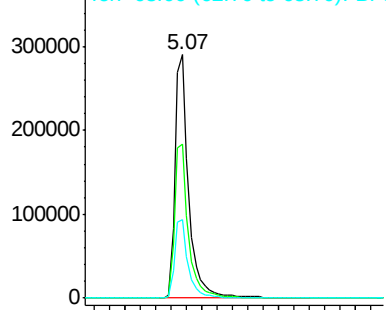
#5

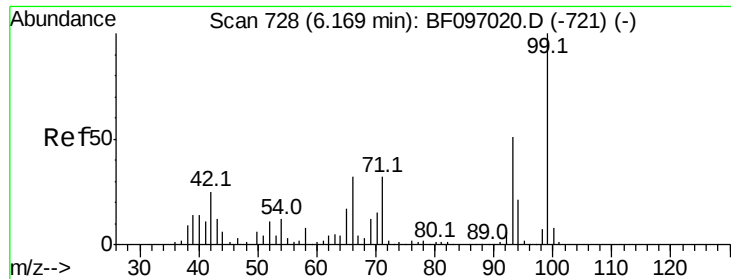
2-Fluorophenol
Concen: 54.237 ng
RT: 5.07 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF097227.D
Acq: 1 Aug 2017 12:42

Tgt Ion:112 Resp: 356828
Ion Ratio Lower Upper
112 100
64 63.3 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





#7

Phenol-d6

Concen: 51.274 ng

RT: 6.14 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF097227.D

Acq: 1 Aug 2017 12:42

Instrument :

BNA_F

ClientSampleId :

CL-02-072717-DDL

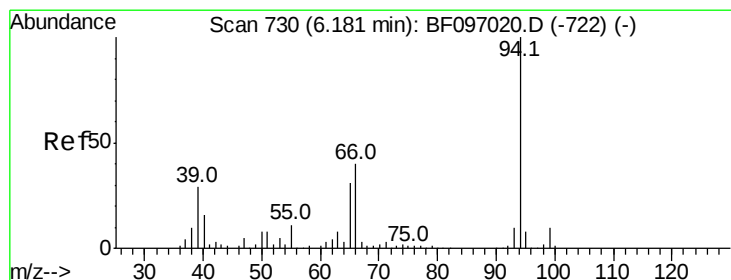
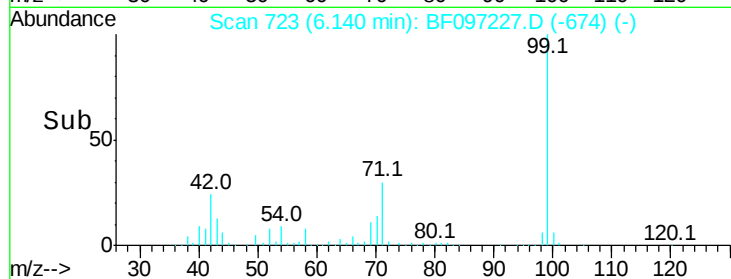
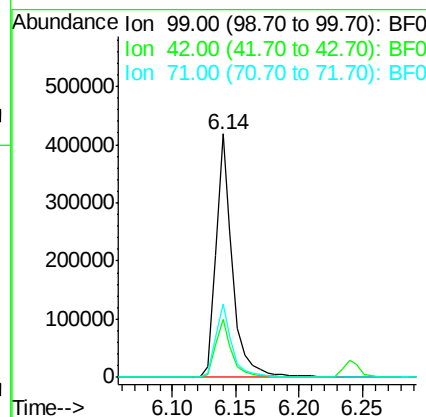
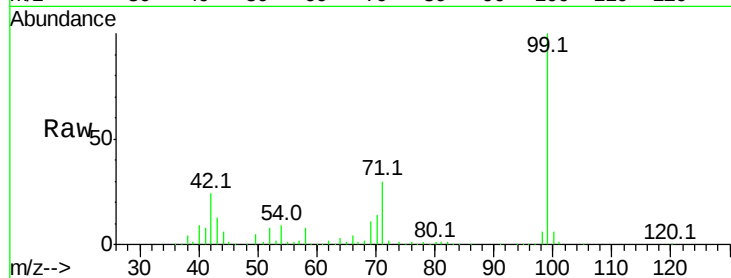
Tot Ion: 99 Resp: 385102

Ion Ratio Lower Upper

99 100

42 23.7 13.5 20.3#

71 30.4 24.5 36.7



#10

Phenol

Concen: 2.199 ng

RT: 6.15 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF097227.D

Acq: 1 Aug 2017 12:42

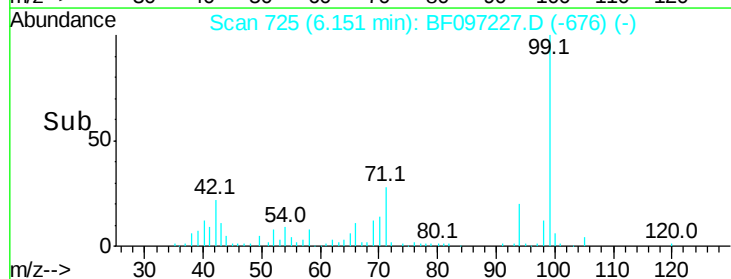
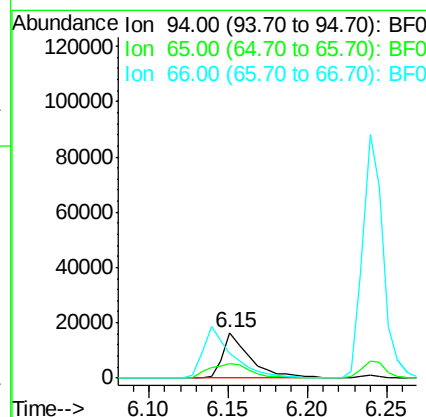
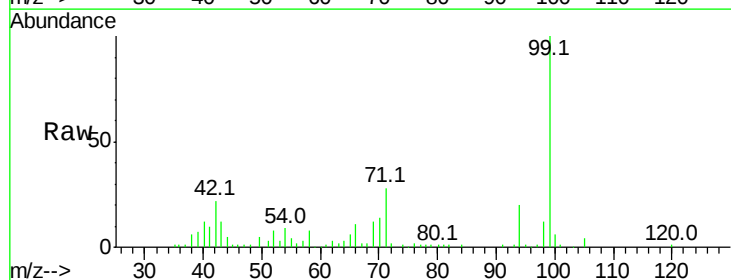
Tgt Ion: 94 Resp: 19589

Ion Ratio Lower Upper

94 100

65 31.5 9.9 49.9

66 55.4 23.1 63.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.75 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF097227.D

Acq: 1 Aug 2017 12:42

Instrument :

BNA_F

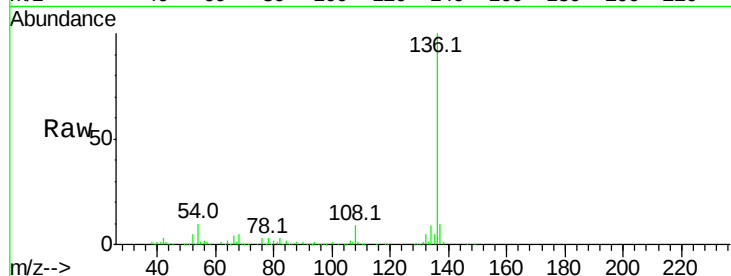
ClientSampleId :

CL-02-072717-DDL

Tot Ion:136 Resp: 363502

Ion Ratio Lower Upper

136	100		
137	10.1	8.5	12.7
54	9.5	4.9	7.3#
68	4.8	4.1	6.1

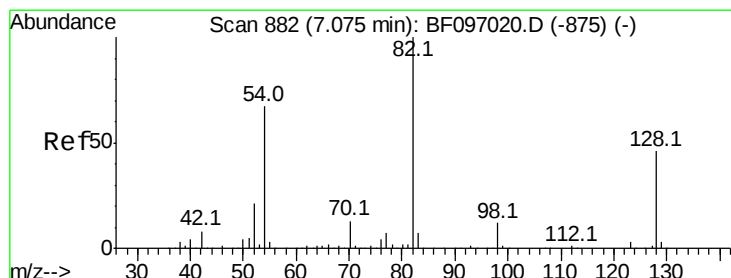
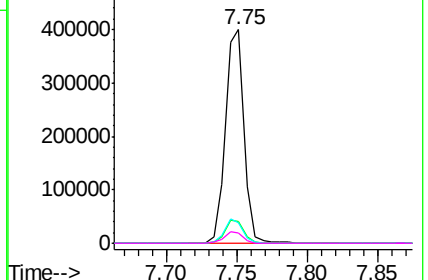
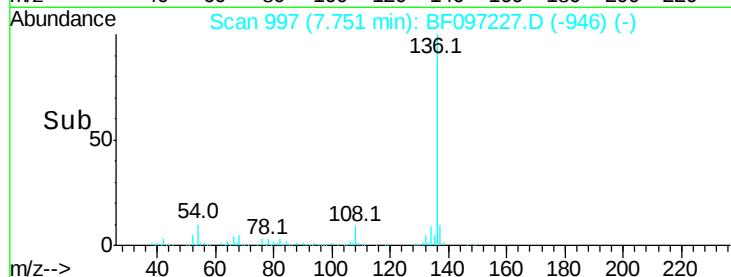


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 32.523 ng

RT: 7.03 min Scan# 875

Delta R.T. -0.01 min

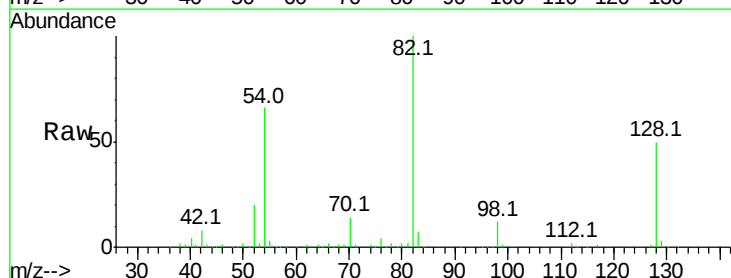
Lab File: BF097227.D

Acq: 1 Aug 2017 12:42

Tgt Ion: 82 Resp: 201521

Ion Ratio Lower Upper

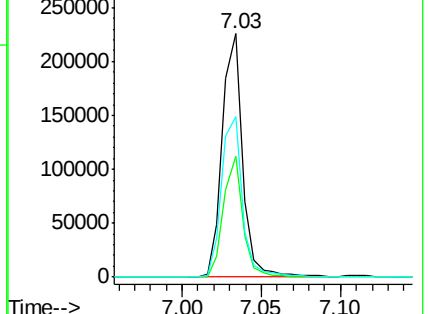
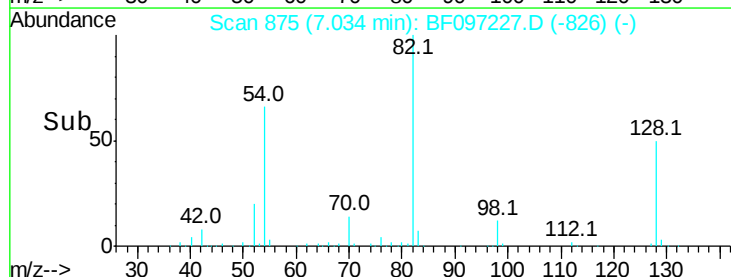
82	100		
128	49.5	34.0	51.0
54	65.6	42.2	63.2#

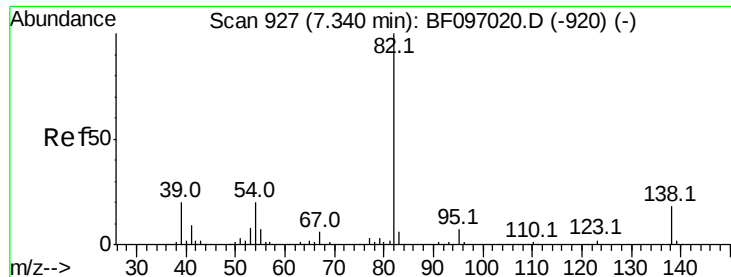


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 14.826 ng

RT: 7.03 min Scan# 875

Delta R.T. -0.28 min

Lab File: BF097227.D

Acq: 1 Aug 2017 12:42

Instrument :

BNA_F

ClientSampleId :

CL-02-072717-DDL

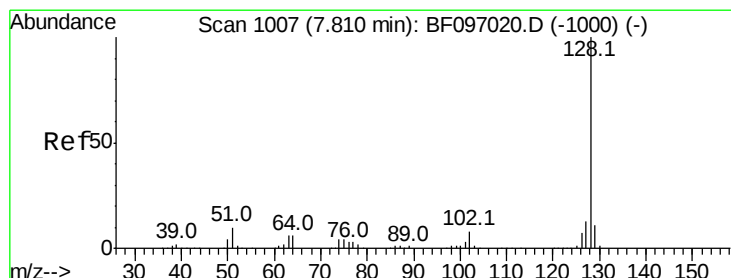
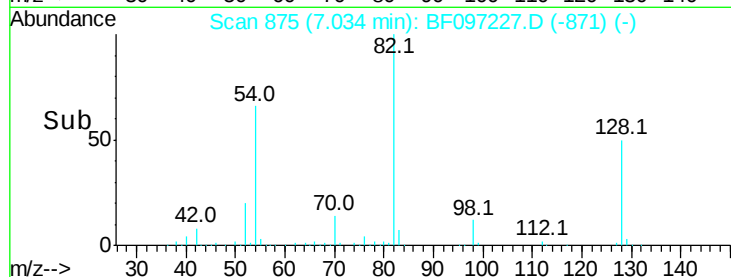
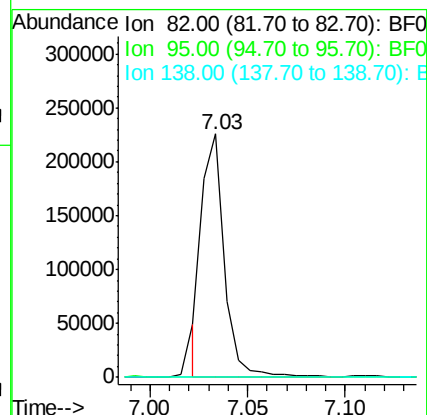
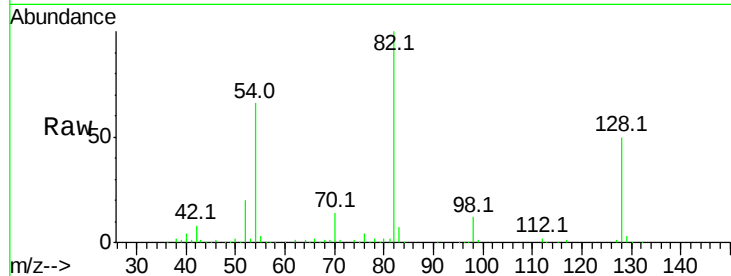
Tot Ion: 82 Resp: 179909

Ion Ratio Lower Upper

82 100

95 0.2 5.3 7.9#

138 0.0 13.1 19.7#



#31

Naphthalene

Concen: 4.379 ng

RT: 7.77 min Scan# 1000

Delta R.T. -0.01 min

Lab File: BF097227.D

Acq: 1 Aug 2017 12:42

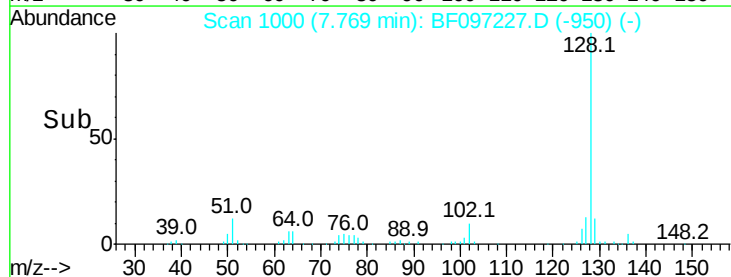
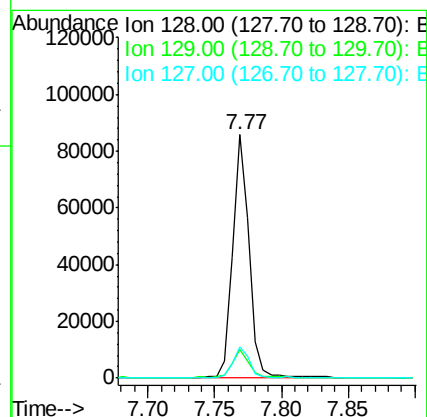
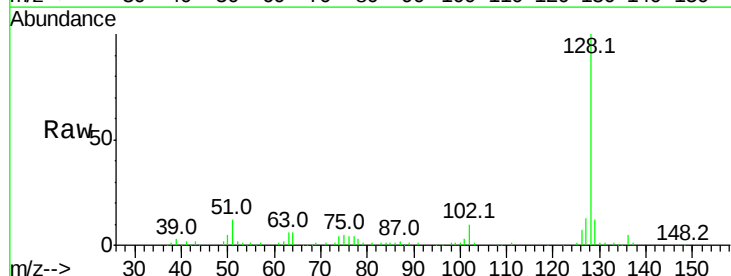
Tgt Ion:128 Resp: 75040

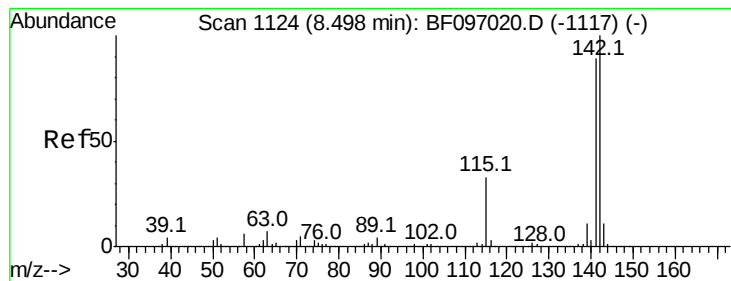
Ion Ratio Lower Upper

128 100

129 11.9 9.0 13.6

127 12.8 10.8 16.2





#37

2-Methylnaphthalene

Concen: 6.498 ng

RT: 8.46 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BF097227.D

Acq: 1 Aug 2017 12:42

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CL-02-072717-DDL

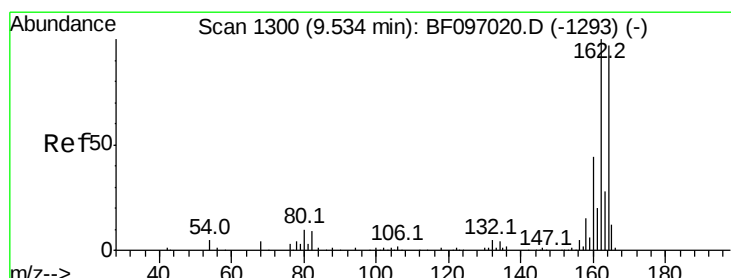
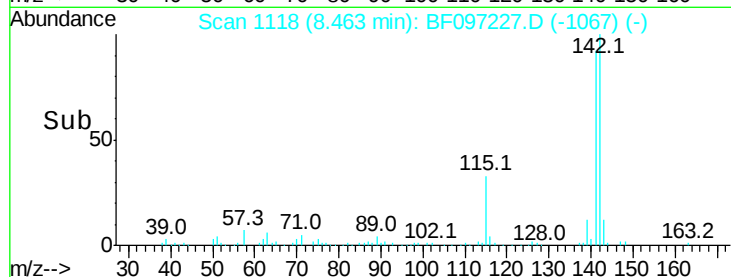
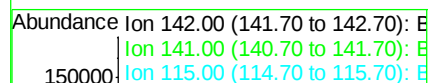
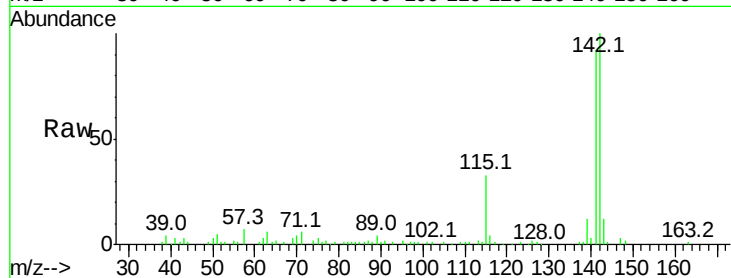
Tot Ion:142 Resp: 70498

Ion Ratio Lower Upper

142 100

141 91.5 71.3 106.9

115 33.1 27.1 40.7



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.49 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF097227.D

Acq: 1 Aug 2017 12:42

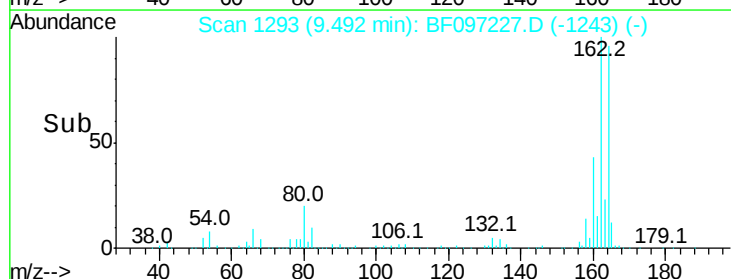
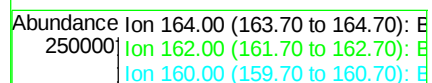
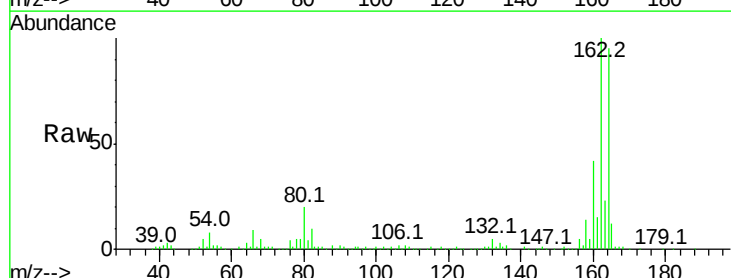
Tgt Ion:164 Resp: 139275

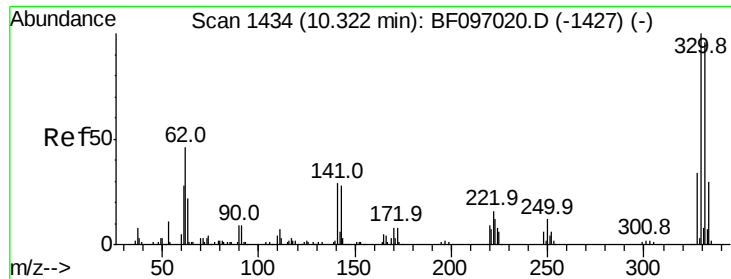
Ion Ratio Lower Upper

164 100

162 105.3 82.6 123.8

160 44.4 36.2 54.2

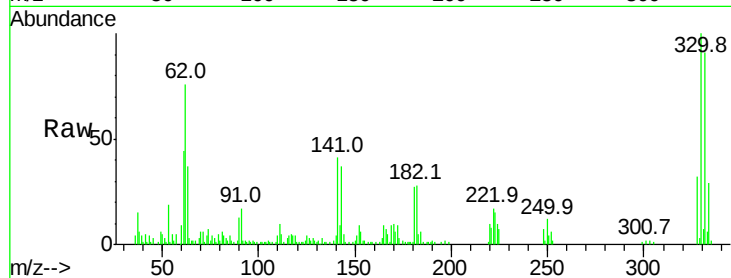




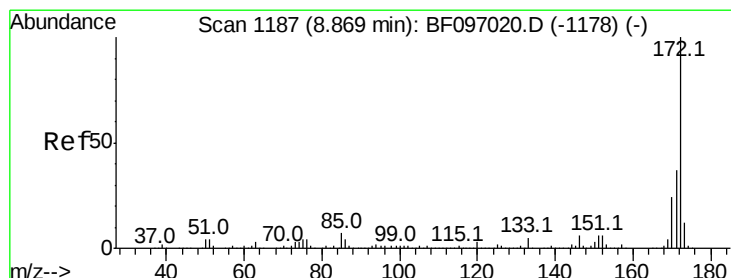
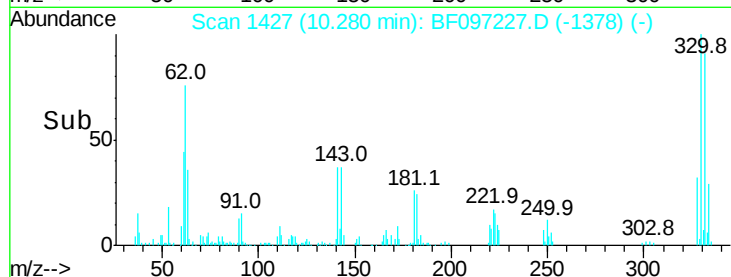
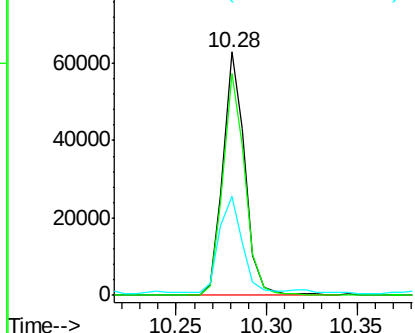
#41
 2,4,6-Tribromophenol
 Concen: 48.138 ng
 RT: 10.28 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF097227.D
 Acq: 1 Aug 2017 12:42

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

Tot Ion:330 Resp: 52971
 Ion Ratio Lower Upper
 330 100
 332 91.1 76.6 115.0
 141 41.2 31.4 47.2

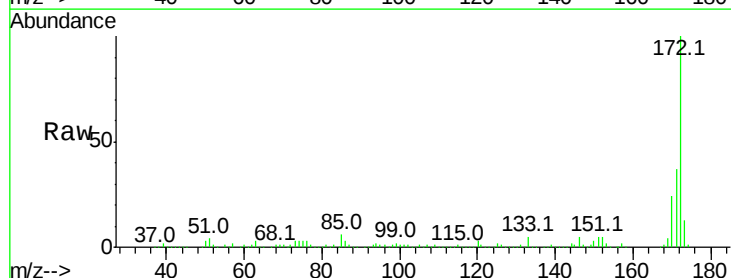


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

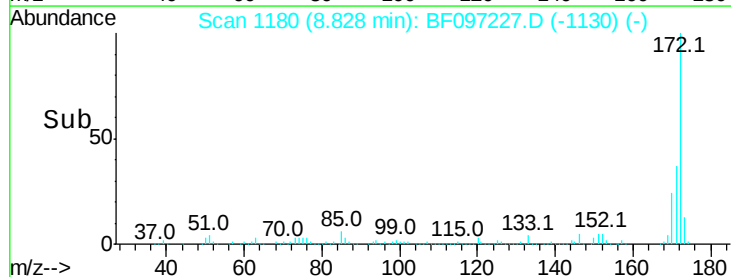
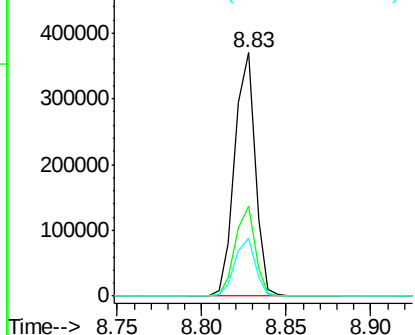


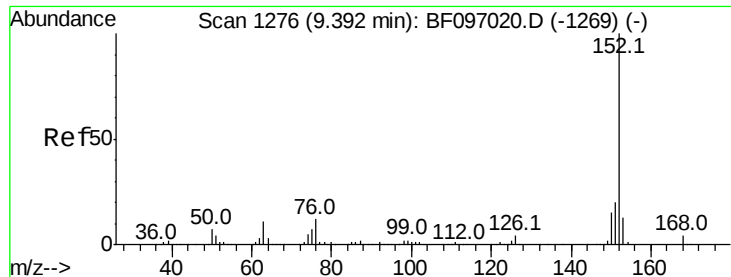
#44
 2-Fluorobiphenyl
 Concen: 38.008 ng
 RT: 8.83 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF097227.D
 Acq: 1 Aug 2017 12:42

Tgt Ion:172 Resp: 311918
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 23.6 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: 9.105 ng

RT: 9.36 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF097227.D

Acq: 1 Aug 2017 12:42

Instrument :

BNA_F

ClientSampleId :

CL-02-072717-DDL

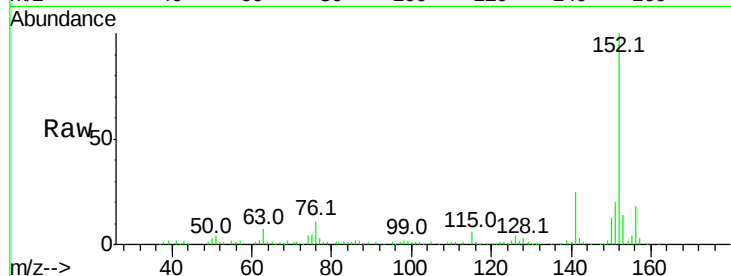
Tot Ion:152 Resp: 122345

Ion Ratio Lower Upper

152 100

151 20.1 16.8 25.2

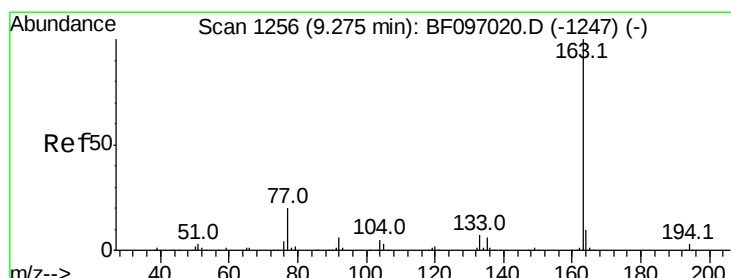
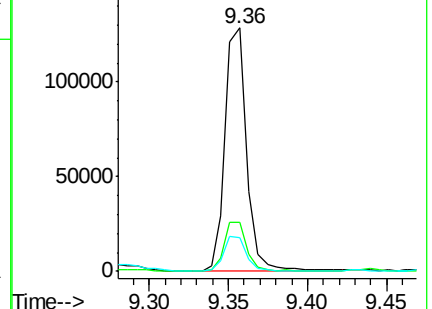
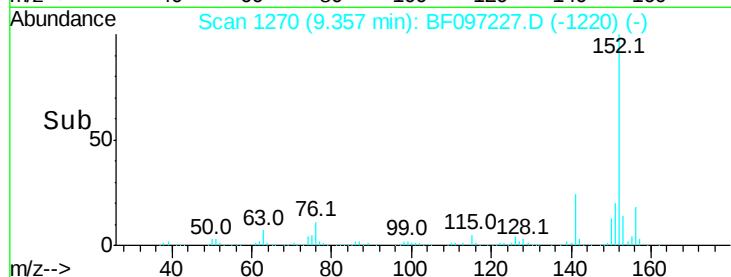
153 14.0 10.8 16.2



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: 6.271 ng

RT: 9.23 min Scan# 1248

Delta R.T. -0.02 min

Lab File: BF097227.D

Acq: 1 Aug 2017 12:42

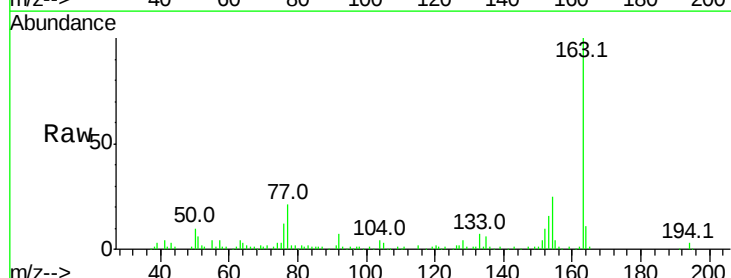
Tgt Ion:163 Resp: 66327

Ion Ratio Lower Upper

163 100

194 2.7 2.6 4.0

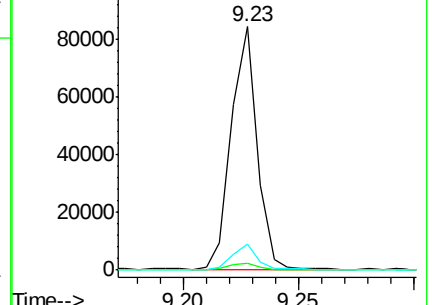
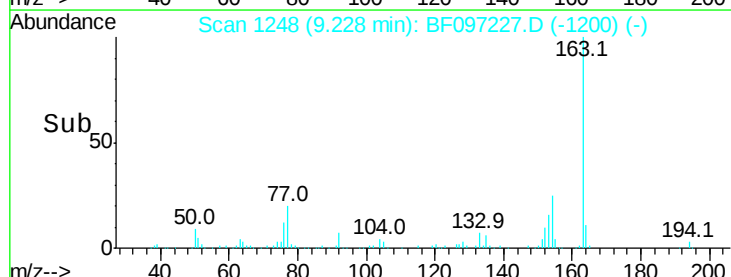
164 10.8 8.4 12.6

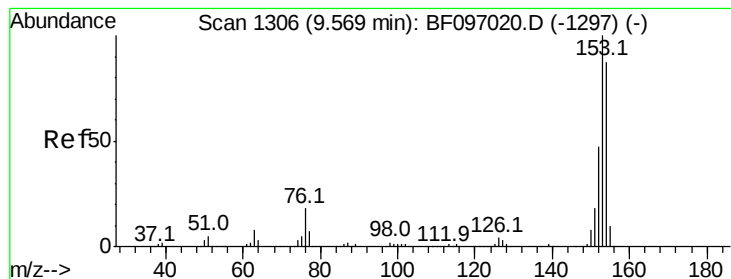


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 10.868 ng

RT: 9.53 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF097227.D

Acq: 1 Aug 2017 12:42

Instrument :

BNA_F

ClientSampleId :

CL-02-072717-DDL

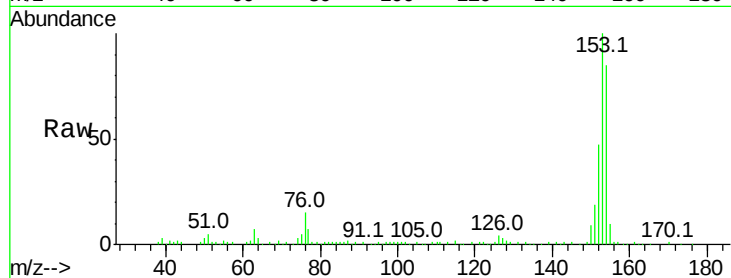
Tot Ion:154 Resp: 86020

Ion Ratio Lower Upper

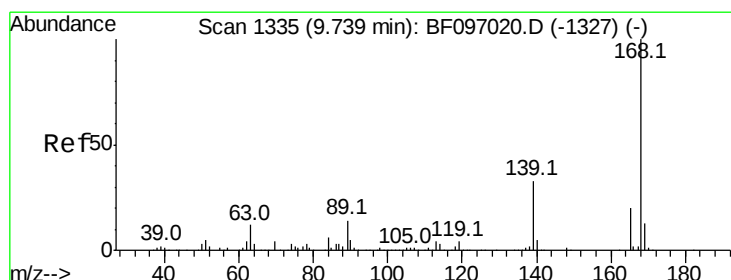
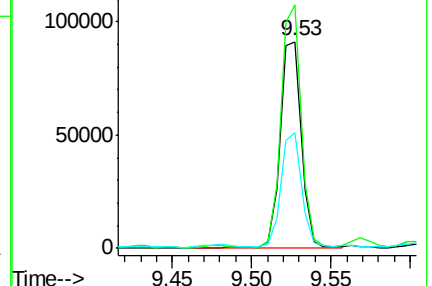
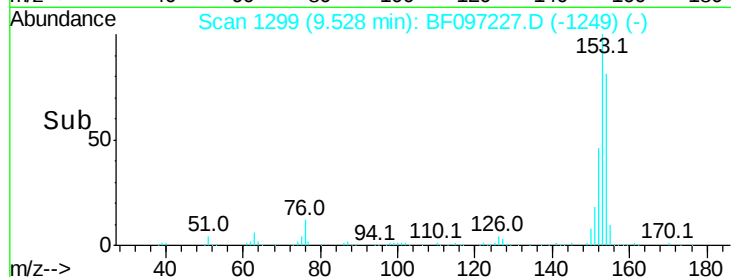
154 100

153 117.6 90.5 135.7

152 55.6 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: 5.008 ng

RT: 9.70 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF097227.D

Acq: 1 Aug 2017 12:42

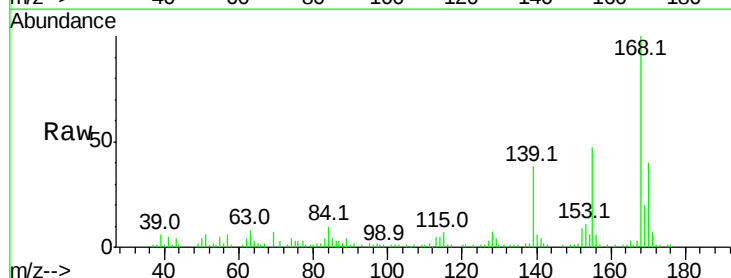
Tgt Ion:168 Resp: 52791

Ion Ratio Lower Upper

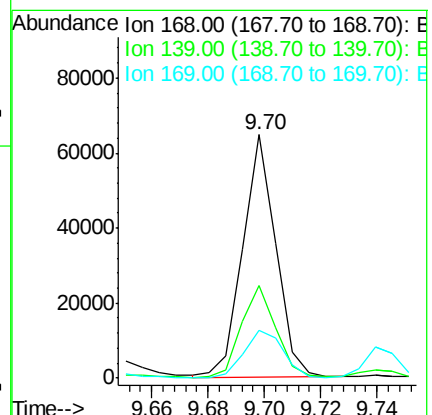
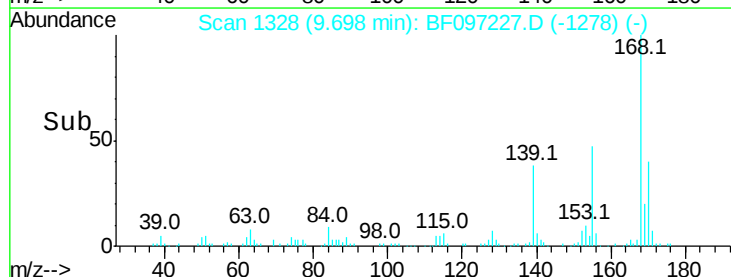
168 100

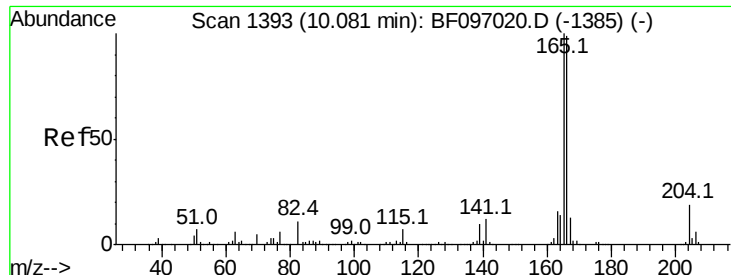
139 37.8 30.6 45.8

169 19.8 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: 17.932 ng

RT: 10.04 min Scan# 1386

Delta R.T. -0.01 min

Lab File: BF097227.D

Acq: 1 Aug 2017 12:42

Instrument :

BNA_F

ClientSampleId :

CL-02-072717-DDL

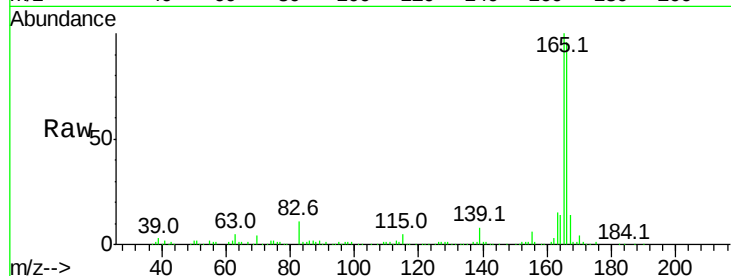
Tot Ion:166 Resp: 142082

Ion Ratio Lower Upper

166 100

165 104.6 78.8 118.2

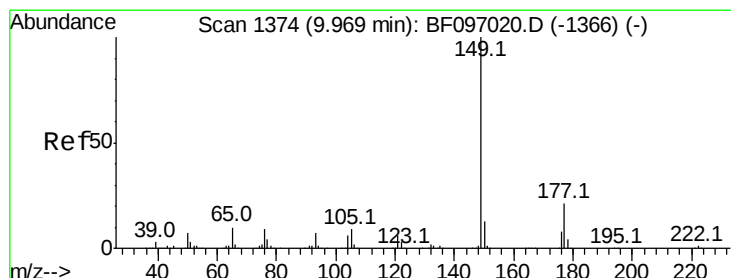
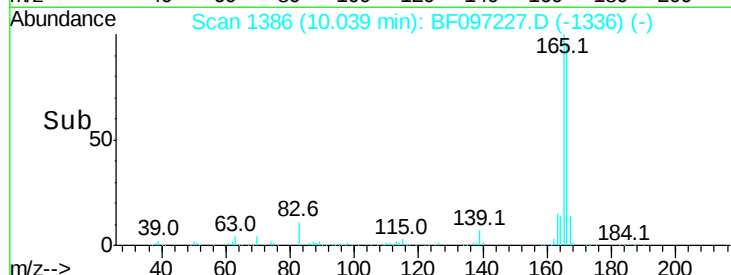
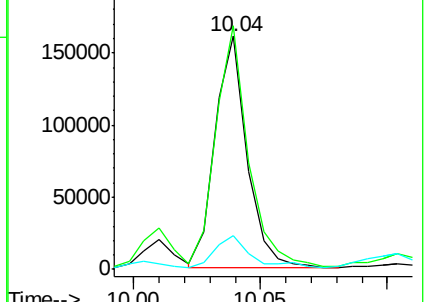
167 14.5 10.6 16.0



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



#59

Diethylphthalate

Concen: 2.688 ng

RT: 9.92 min Scan# 1366

Delta R.T. -0.02 min

Lab File: BF097227.D

Acq: 1 Aug 2017 12:42

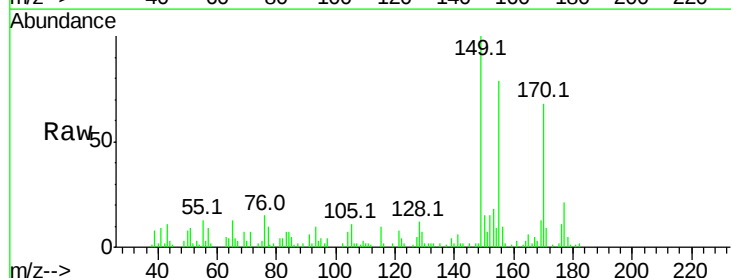
Tgt Ion:149 Resp: 26078

Ion Ratio Lower Upper

149 100

177 21.4 16.7 25.1

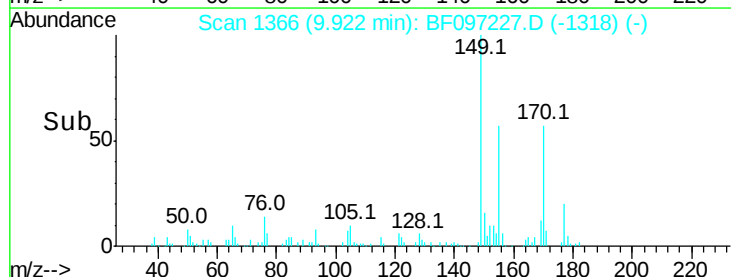
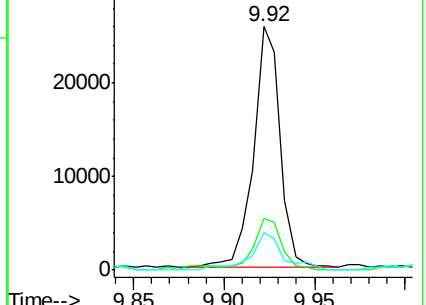
150 15.3 10.2 15.2#

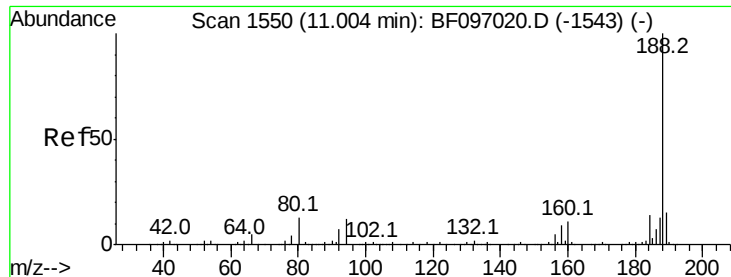


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

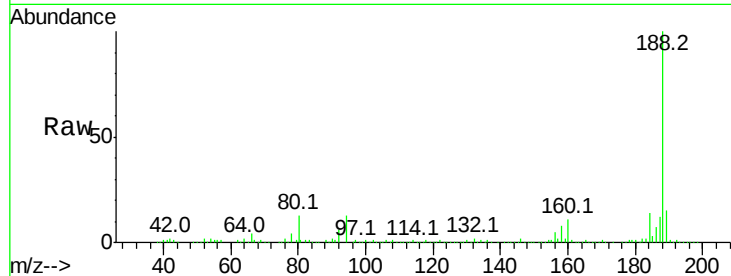




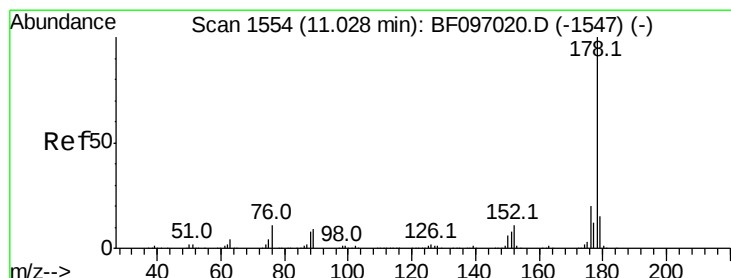
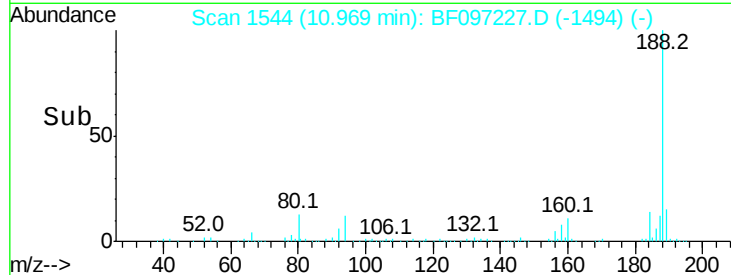
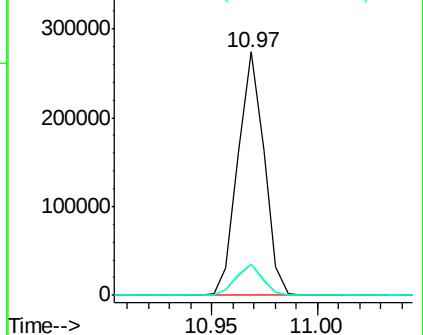
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 10.97 min Scan# 1544
 Delta R.T. -0.01 min
 Lab File: BF097227.D
 Acq: 1 Aug 2017 12:42

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

Tot Ion:188 Resp: 235629
 Ion Ratio Lower Upper
 188 100
 94 12.6 9.4 14.2
 80 12.7 10.2 15.2

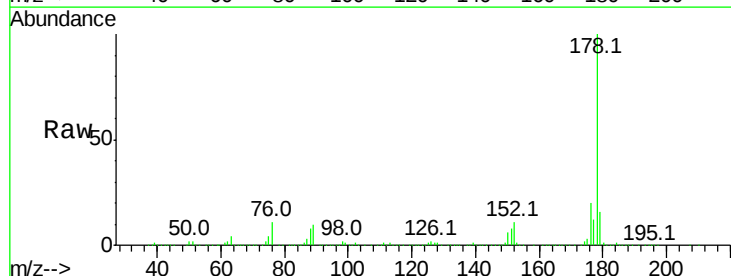


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

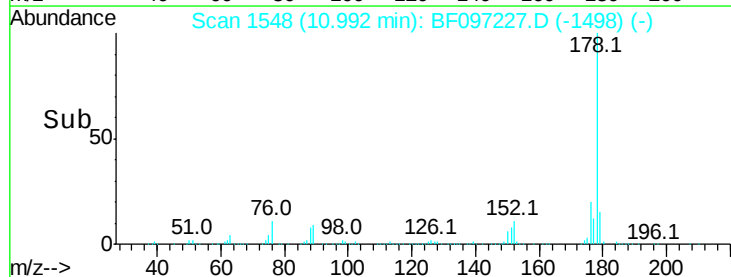
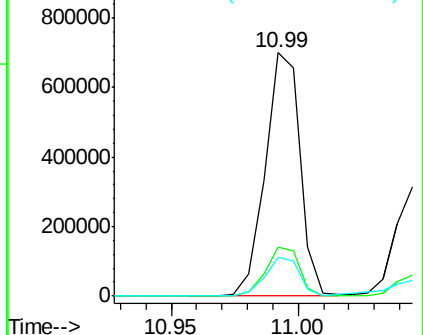


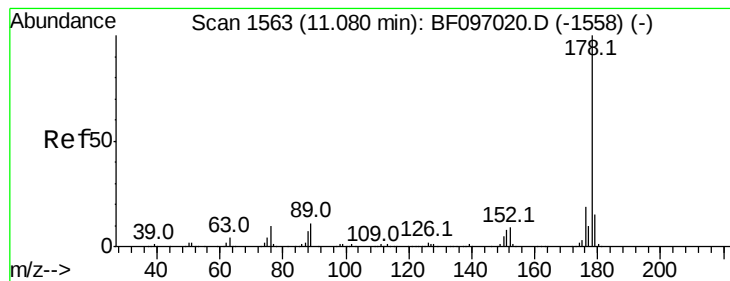
#70
 Phenanthrene
 Concen: 53.439 ng
 RT: 10.99 min Scan# 1548
 Delta R.T. -0.01 min
 Lab File: BF097227.D
 Acq: 1 Aug 2017 12:42

Tgt Ion:178 Resp: 674670
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.2 24.4
 179 16.0 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: 19.477 ng

RT: 11.05 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF097227.D

Acq: 1 Aug 2017 12:42

Instrument :

BNA_F

ClientSampleId :

CL-02-072717-DDL

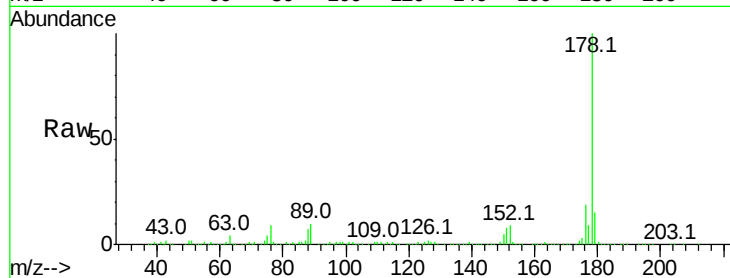
Tot Ion:178 Resp: 251849

Ion Ratio Lower Upper

178 100

176 18.6 15.8 23.8

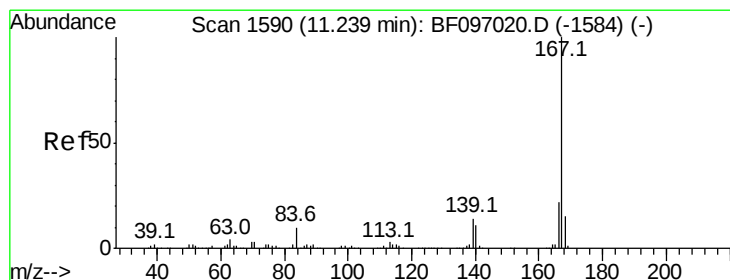
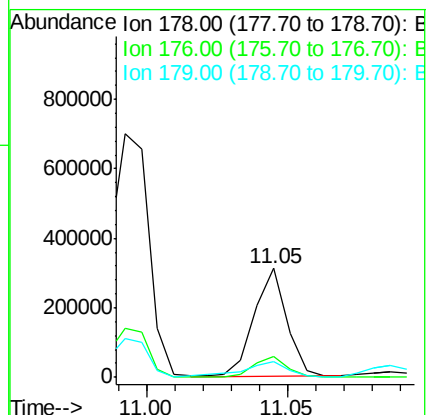
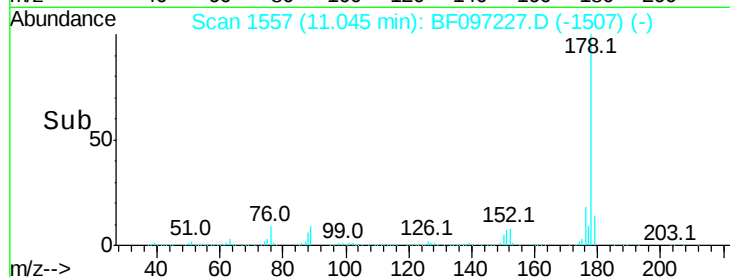
179 14.8 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 2.474 ng

RT: 11.21 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF097227.D

Acq: 1 Aug 2017 12:42

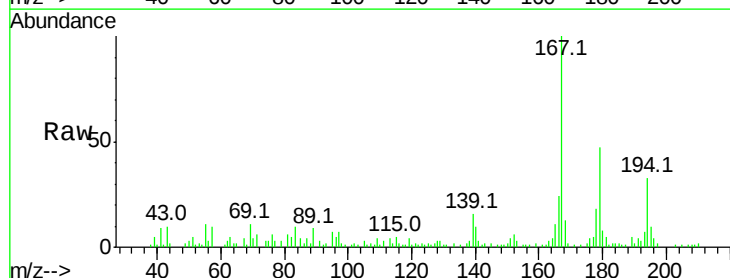
Tgt Ion:167 Resp: 31461

Ion Ratio Lower Upper

167 100

166 23.9 18.1 27.1

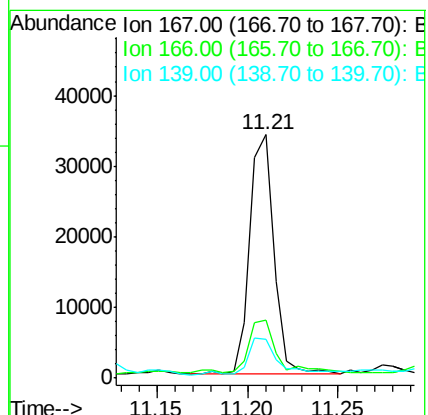
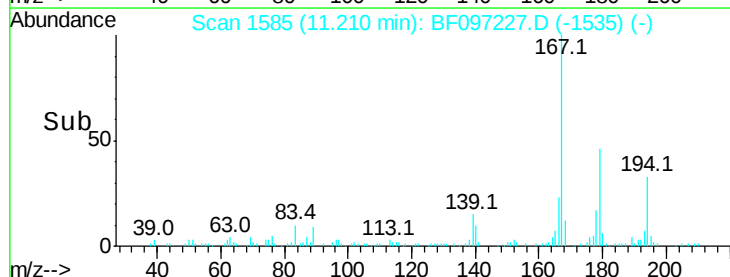
139 16.0 11.7 17.5

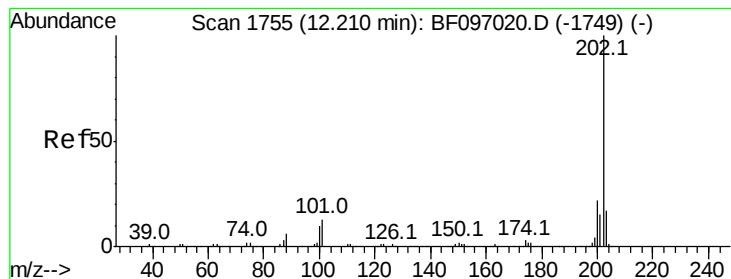


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 64.365 ng

RT: 12.18 min Scan# 1750

Delta R.T. 0.00 min

Lab File: BF097227.D

Acq: 1 Aug 2017 12:42

Instrument :

BNA_F

ClientSampleId :

CL-02-072717-DDL

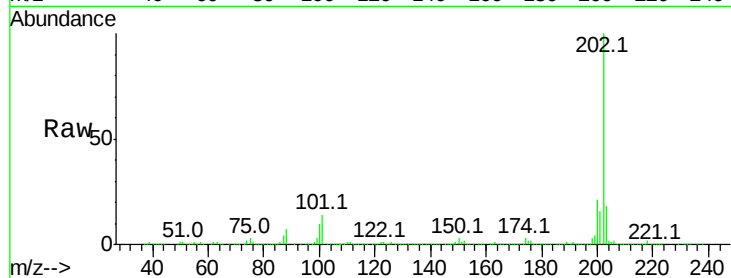
Tot Ion:202 Resp: 796078

Ion Ratio Lower Upper

202 100

101 14.3 0.0 33.2

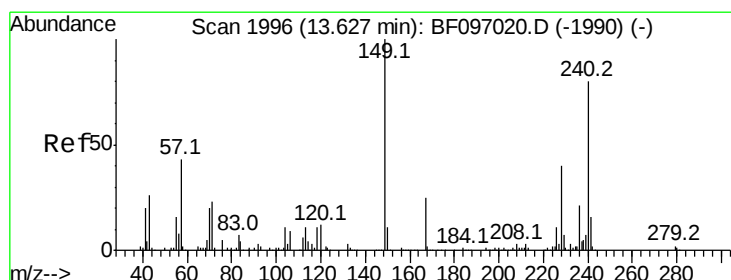
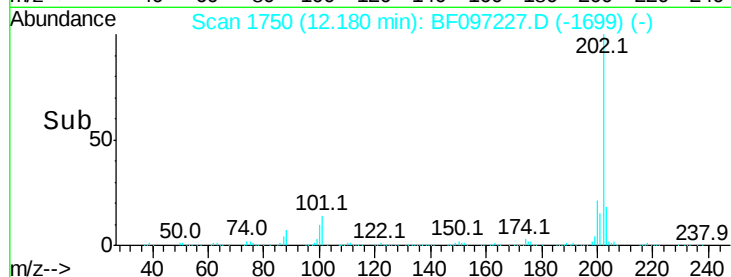
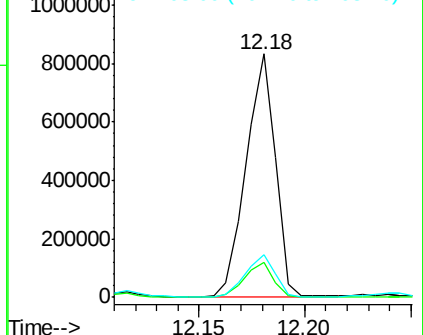
203 17.8 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.60 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BF097227.D

Acq: 1 Aug 2017 12:42

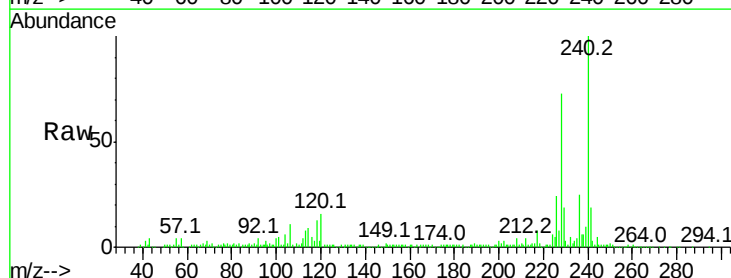
Tgt Ion:240 Resp: 203296

Ion Ratio Lower Upper

240 100

120 16.3 5.8 8.8#

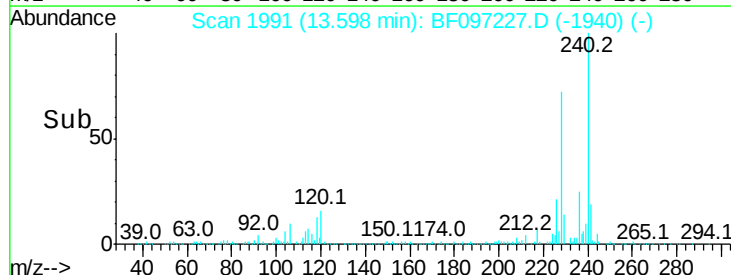
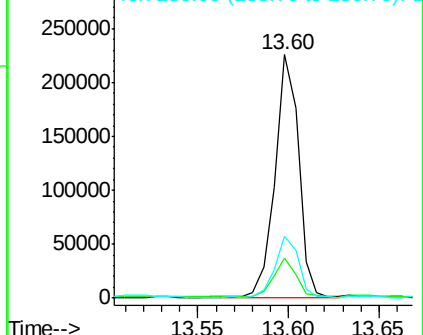
236 25.4 20.5 30.7

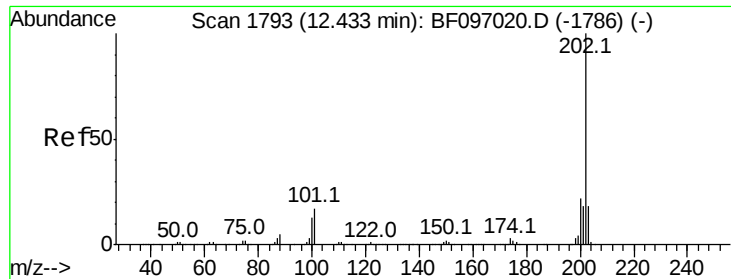


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 55.316 ng

RT: 12.40 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BF097227.D

Acq: 1 Aug 2017 12:42

Instrument :

BNA_F

ClientSampleId :

CL-02-072717-DDL

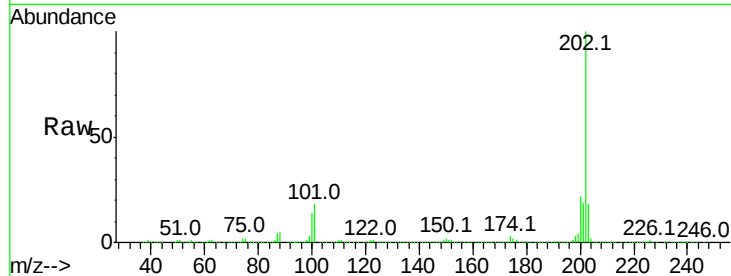
Tot Ion:202 Resp: 920630

Ion Ratio Lower Upper

202 100

200 22.2 17.6 26.4

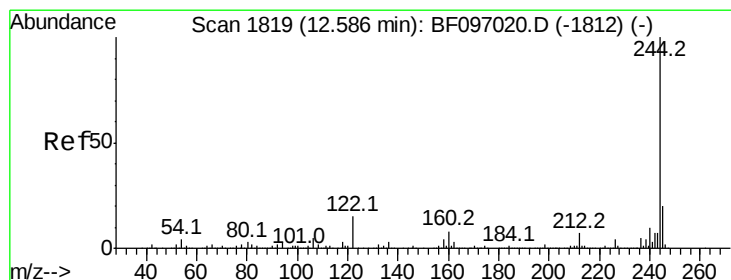
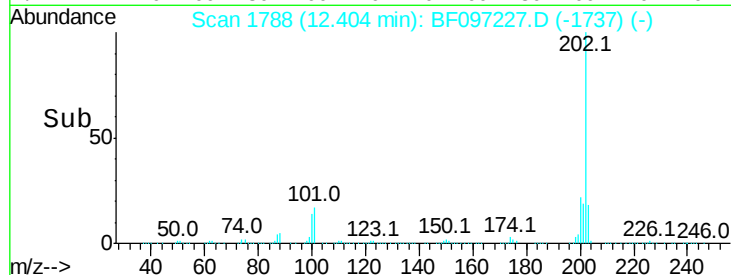
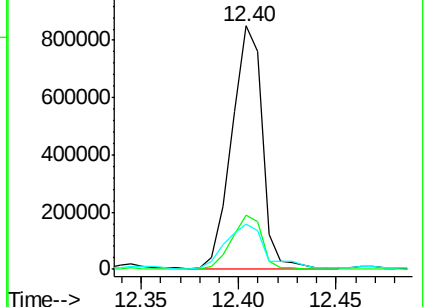
203 18.4 14.4 21.6



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: 24.242 ng

RT: 12.55 min Scan# 1813

Delta R.T. -0.01 min

Lab File: BF097227.D

Acq: 1 Aug 2017 12:42

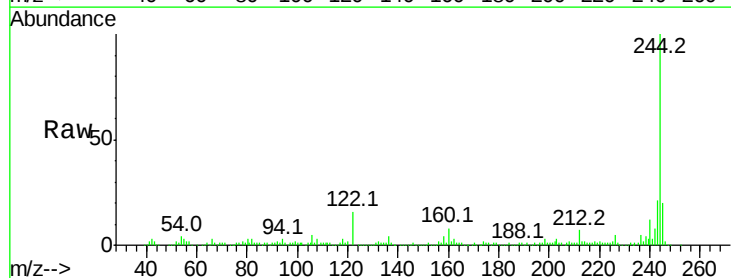
Tgt Ion:244 Resp: 241716

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

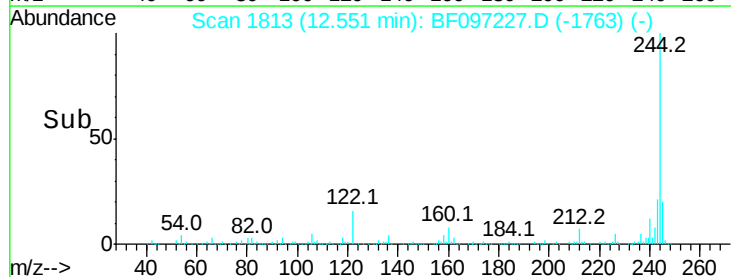
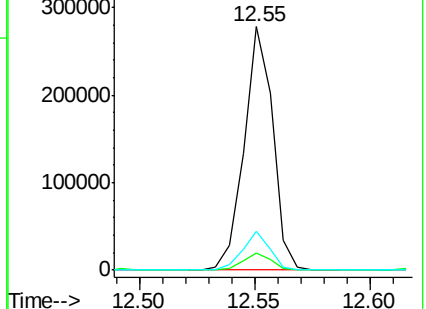
122 16.1 10.3 15.5#

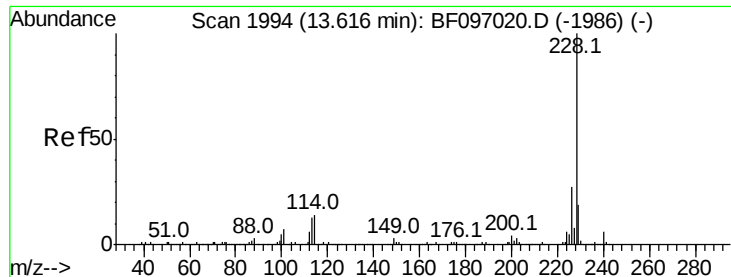


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 31.764 ng

RT: 13.59 min Scan# 1989

Delta R.T. 0.00 min

Lab File: BF097227.D

Acq: 1 Aug 2017 12:42

Instrument :

BNA_F

ClientSampleId :

CL-02-072717-DDL

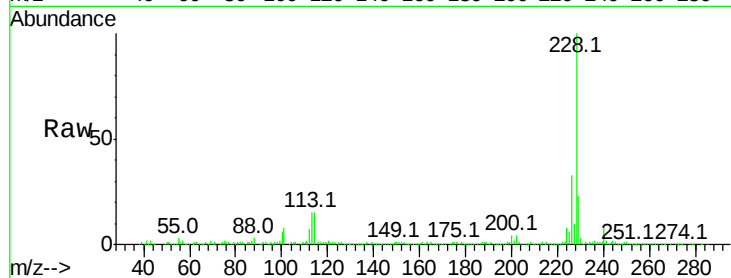
Tot Ion:228 Resp: 417824

Ion Ratio Lower Upper

228 100

226 33.0 22.6 33.8

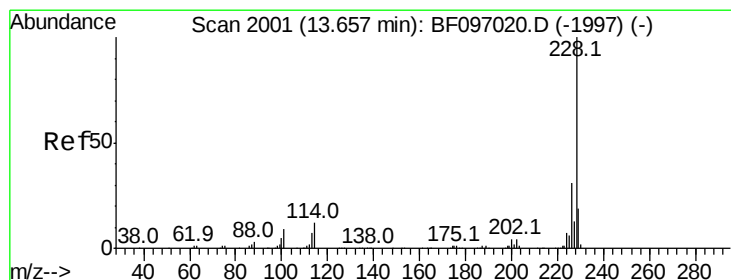
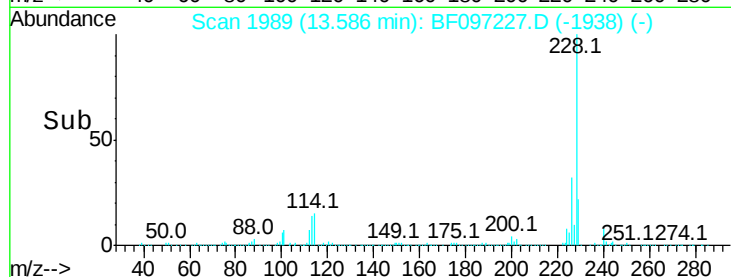
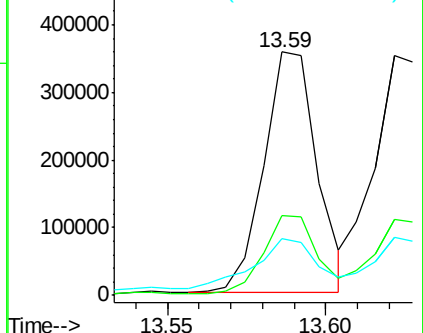
229 23.1 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 32.529 ng

RT: 13.59 min Scan# 1989

Delta R.T. -0.04 min

Lab File: BF097227.D

Acq: 1 Aug 2017 12:42

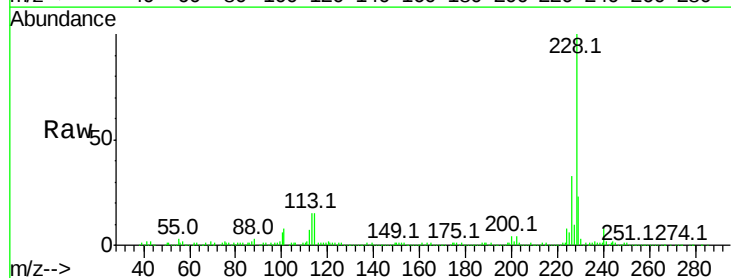
Tgt Ion:228 Resp: 417824

Ion Ratio Lower Upper

228 100

226 33.0 24.9 37.3

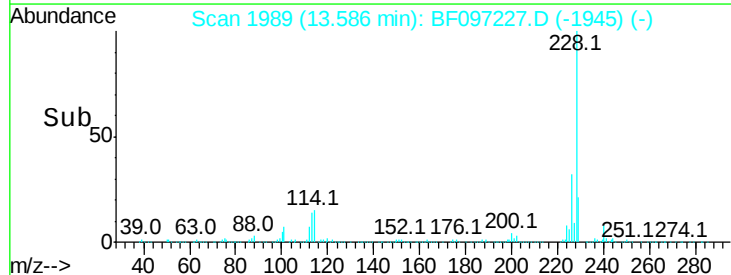
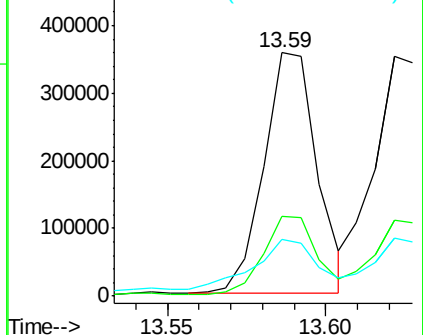
229 23.1 15.8 23.6

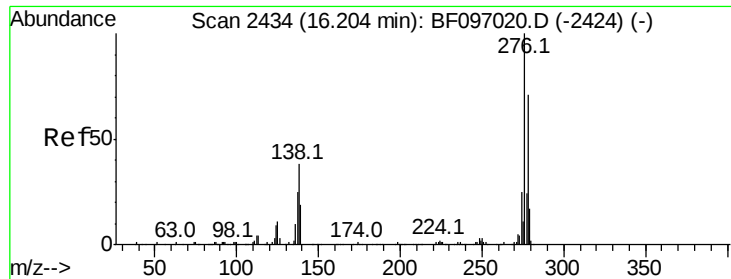


Abundance Ion 228.00 (227.70 to 228.70): E

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: 10.344 ng

RT: 16.16 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BF097227.D

Acq: 1 Aug 2017 12:42

Instrument :

BNA_F

ClientSampleId :

CL-02-072717-DDL

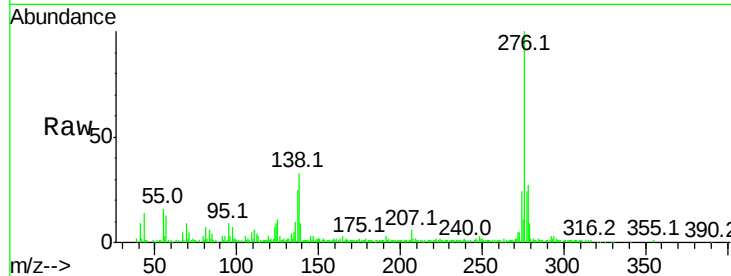
Tot Ion:276 Resp: 113926

Ion Ratio Lower Upper

276 100

138 30.1 27.8 41.6

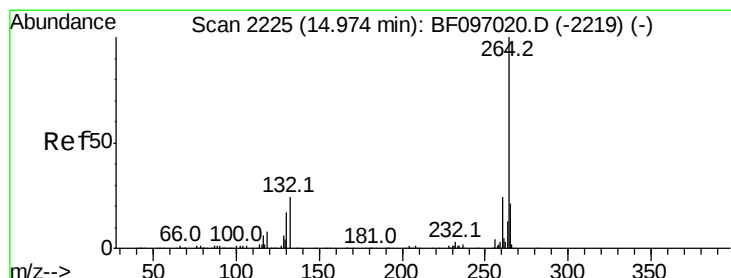
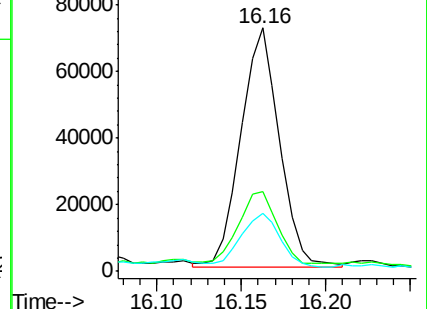
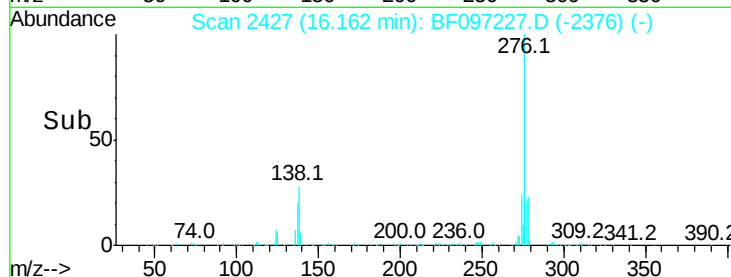
277 23.5 20.2 30.4



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: 14.94 min Scan# 2220

Delta R.T. 0.01 min

Lab File: BF097227.D

Acq: 1 Aug 2017 12:42

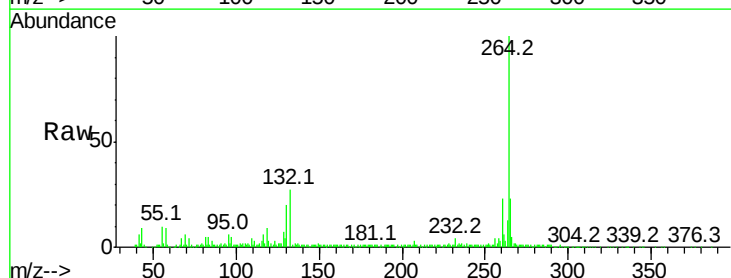
Tgt Ion:264 Resp: 169649

Ion Ratio Lower Upper

264 100

260 23.1 19.5 29.3

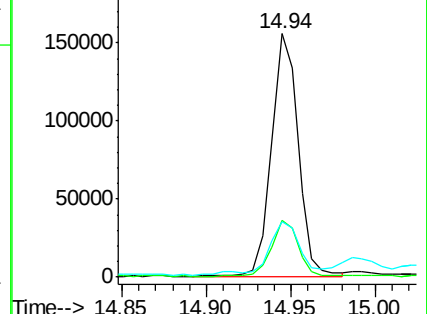
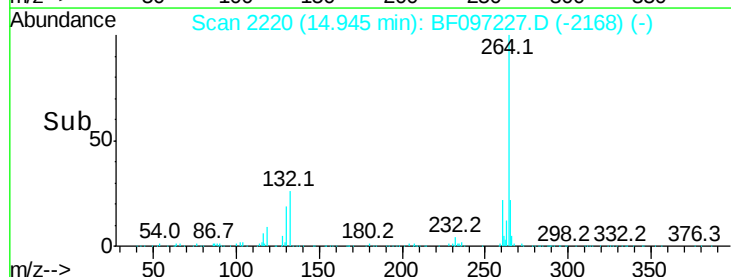
265 23.0 17.2 25.8

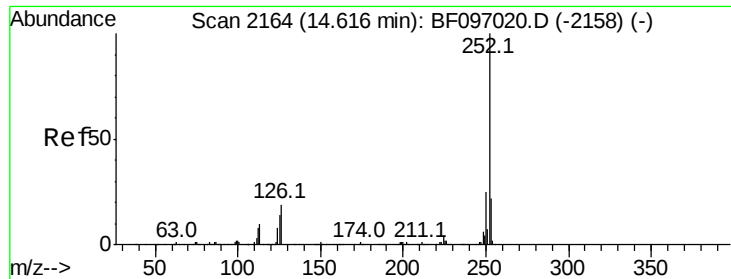


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 45.426 ng

RT: 14.59 min Scan# 2160

Delta R.T. 0.01 min

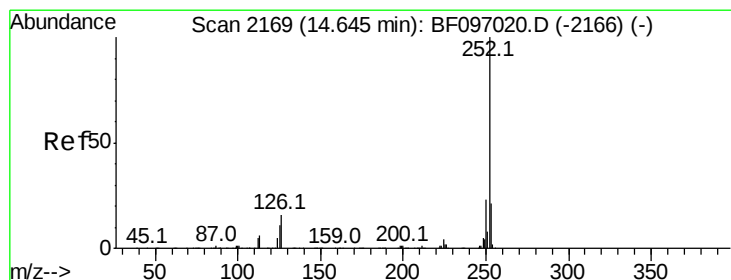
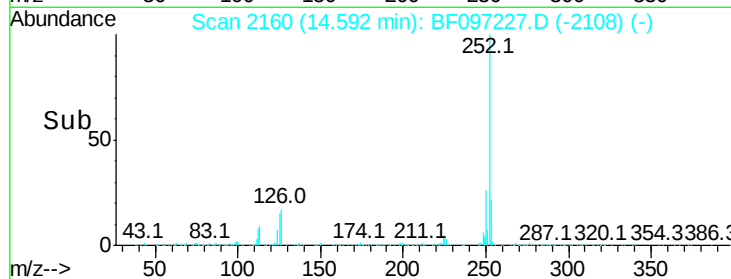
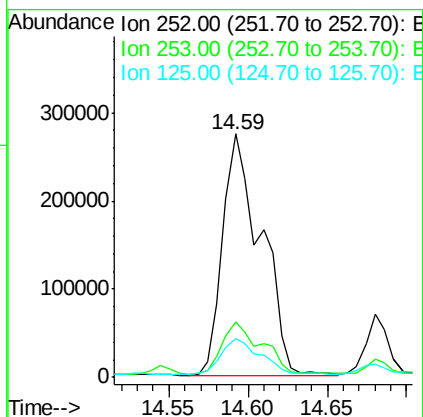
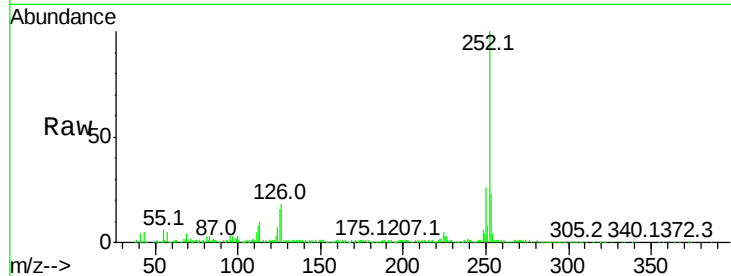
Lab File: BF097227.D

Acq: 1 Aug 2017 12:42

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

Tot Ion:252 Resp: 463255

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	15.9	9.8	14.8#



#88

Benzo(k)fluoranthene

Concen: 47.671 ng

RT: 14.59 min Scan# 2160

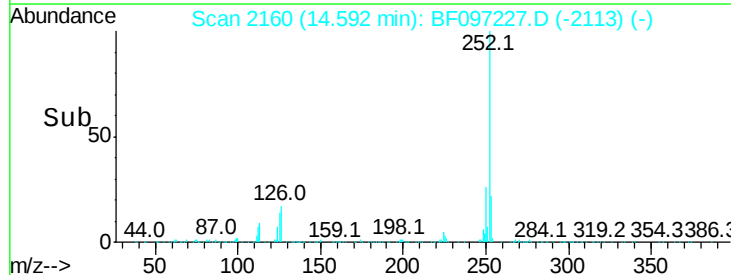
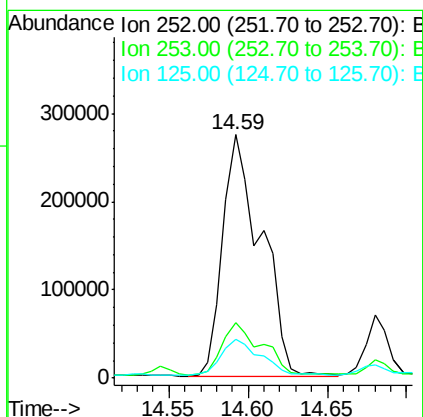
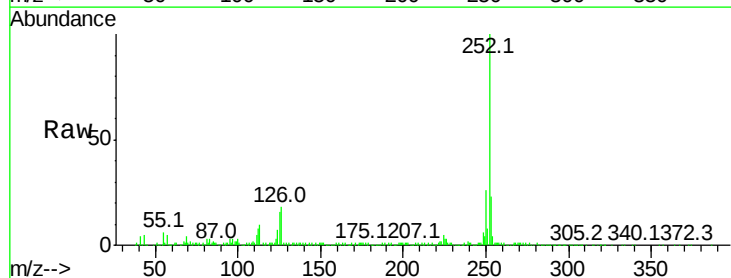
Delta R.T. -0.02 min

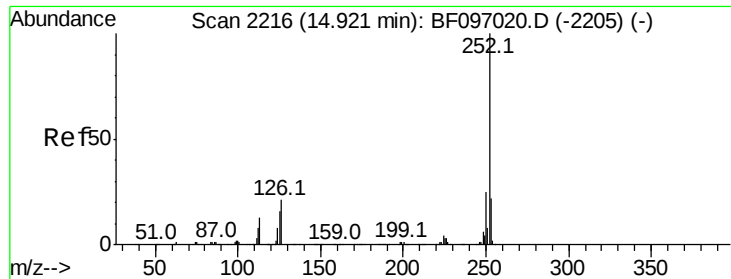
Lab File: BF097227.D

Acq: 1 Aug 2017 12:42

Tgt Ion:252 Resp: 463255

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.4	27.6
125	15.9	13.1	19.7

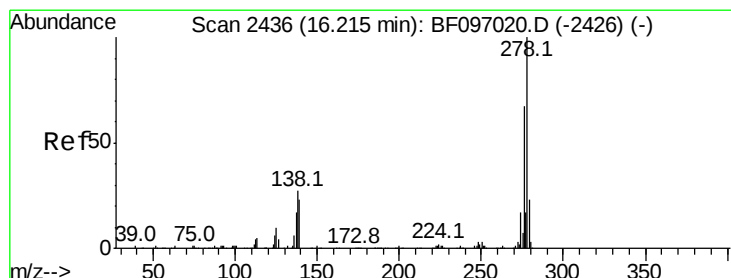
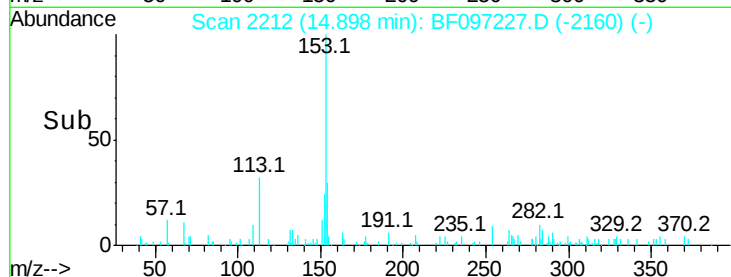
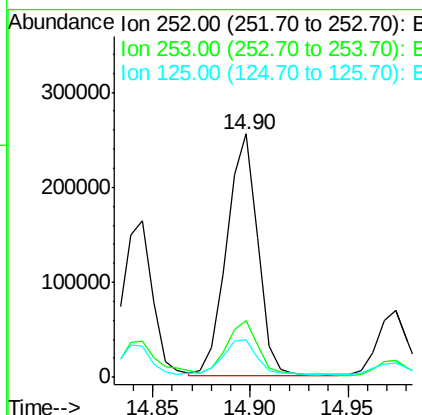
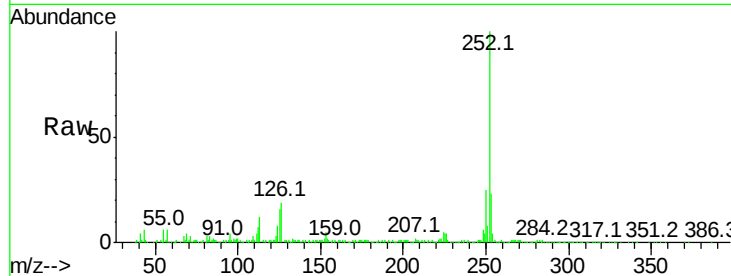




#89
Benzo(a)pyrene
Concen: 30.026 ng
RT: 14.90 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF097227.D
Acq: 1 Aug 2017 12:42

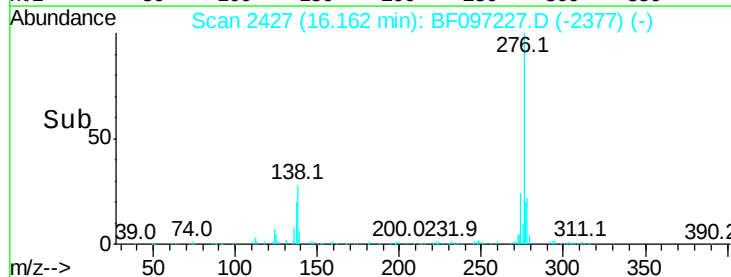
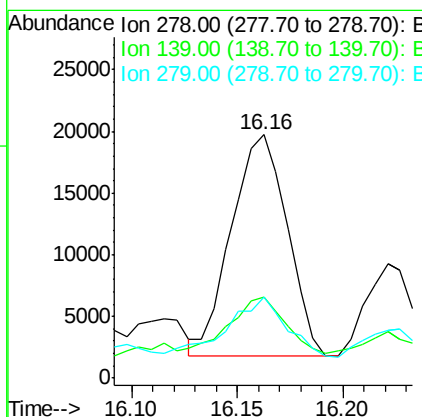
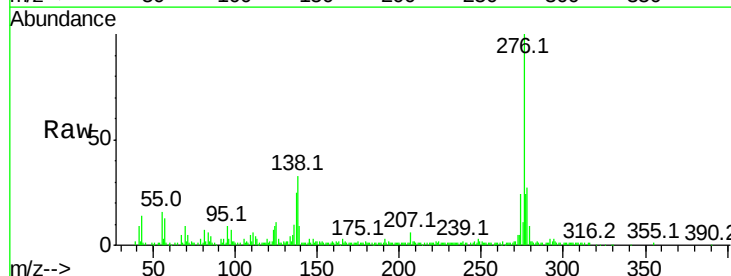
Instrument :
BNA_F
ClientSampleId :
CL-02-072717-DDL

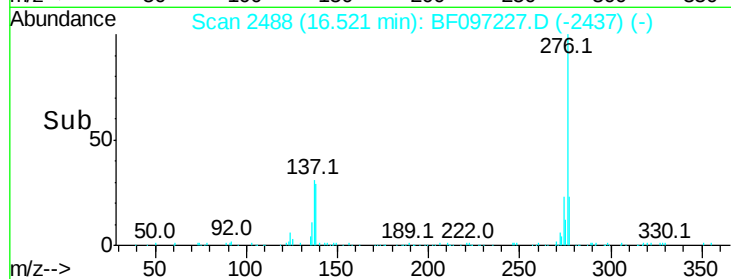
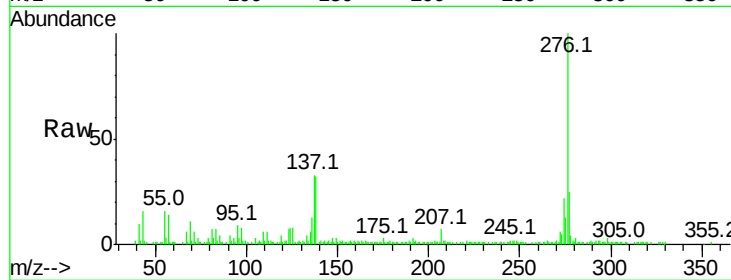
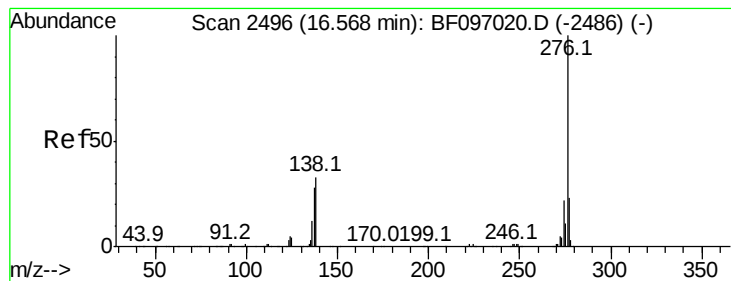
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.5	26.3
125	15.6	11.0	16.4



#90
Dibenzo(a,h)anthracene
Concen: 4.288 ng
RT: 16.16 min Scan# 2427
Delta R.T. -0.01 min
Lab File: BF097227.D
Acq: 1 Aug 2017 12:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	33.2	16.6	24.8#
279	33.2	19.3	28.9#





#91

Benzo(a,h,i)perylene

Concen: 13.779 ng

RT: 16.52 min Scan# 2488

Delta R.T. 0.00 min

Lab File: BF097227.D

Acq: 1 Aug 2017 12:42

Instrument :

BNA_F

ClientSampleId :

CL-02-072717-DDL

Tot Ion:276 Resp: 110594

Ion Ratio Lower Upper

276 100

277 24.7 18.6 28.0

138 31.9 25.4 38.0

