

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070117\
 Data File : BF096389.D
 Acq On : 1 Jul 2017 20:04
 Operator : SJ/MA
 Sample : I3908-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 03 01:50:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 01:43:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	149131	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	581233	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	201566	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	279234	20.00	ng	0.00
75) Chrysene-d12	13.87	240	260504	20.00	ng	0.00
86) Perylene-d12	15.29	264	233904	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	898810	88.96	ng	0.00
7) Phenol-d6	6.37	99	1000535	80.55	ng	0.00
23) Nitrobenzene-d5	7.29	82	657442	67.97	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	134600	85.49	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	857118	72.70	ng	0.00
78) Terphenyl-d14	12.83	244	502031	41.18	ng	0.00

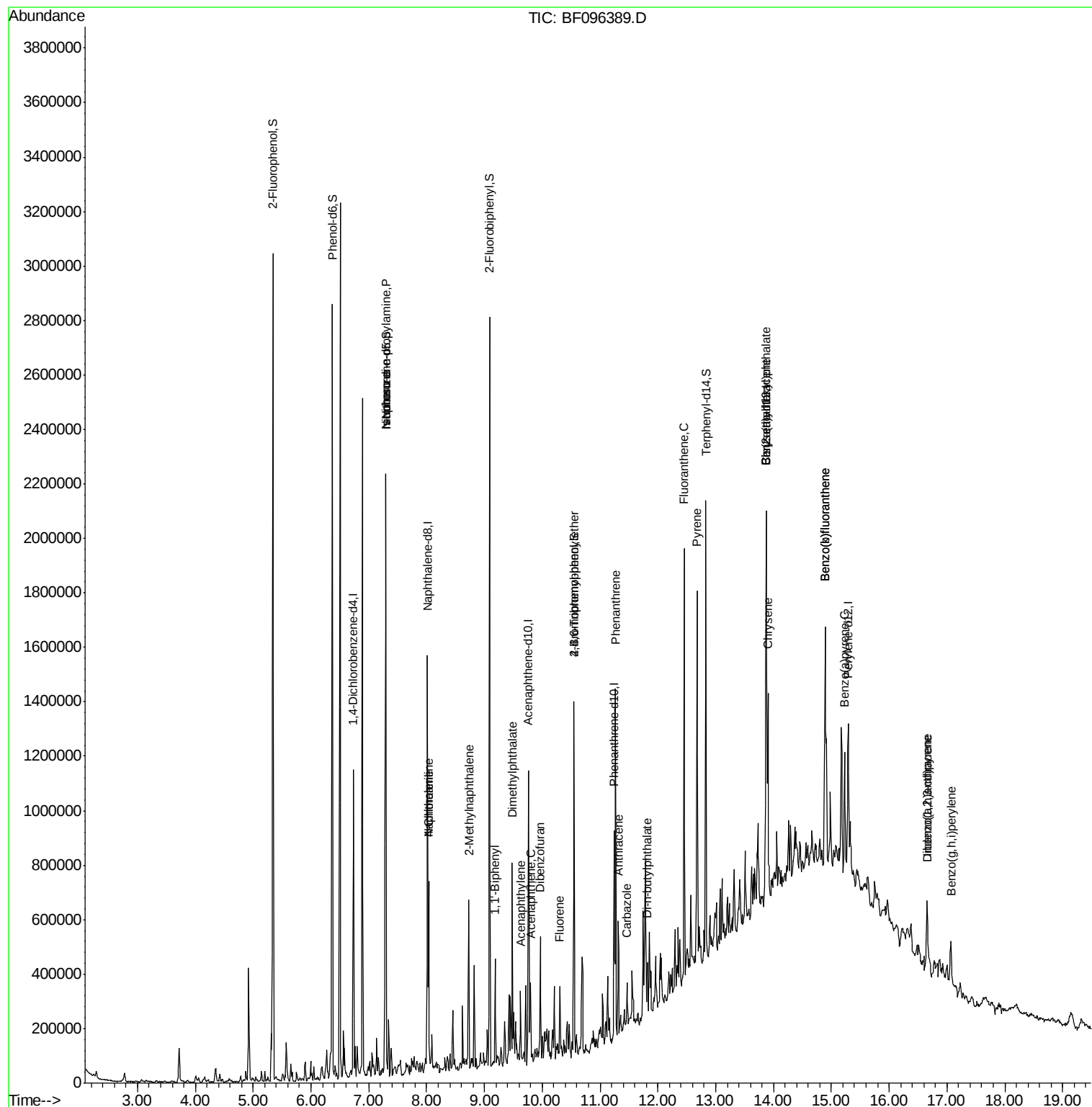
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	86986	11.75	ng	# 88
25) Isophorone	7.29	82	652508	34.79	ng	# 67
31) Naphthalene	8.03	128	266038	9.70	ng	99
33) 4-Chloroaniline	8.03	127	34993	3.07	ng	# 33
37) 2-Methylnaphthalene	8.73	142	153893	8.81	ng	97
45) 1,1'-Biphenyl	9.19	154	39483	2.29	ng	92
48) Acenaphthylene	9.62	152	82766	4.06	ng	98
49) Dimethylphthalate	9.48	163	256228	17.03	ng	99
51) Acenaphthene	9.80	154	60845	4.84	ng	99
54) Dibenzofuran	9.97	168	113124	6.82	ng	94
57) Fluorene	10.31	166	54744	4.67	ng	# 91
66) 4-Bromophenyl-phenylether	10.55	248	8271	3.04	ng	# 1
70) Phenanthrene	11.27	178	446813	29.60	ng	99
71) Anthracene	11.32	178	145310	9.45	ng	99
72) Carbazole	11.47	167	61431	3.97	ng	97
73) Di-n-butylphthalate	11.82	149	39987	2.13	ng	97
74) Fluoranthene	12.46	202	583889	39.45	ng	98
77) Pyrene	12.68	202	536569	25.66	ng	99
80) Benzo(a)anthracene	13.87	228	297282	19.71	ng	94
82) Chrysene	13.90	228	357867	22.65	ng	97
83) Bis(2-ethylhexyl)phthalate	13.87	149	103353	8.75	ng	# 97
85) Indeno(1,2,3-cd)pyrene	16.66	276	132959	10.66	ng	98
87) Benzo(b)fluoranthene	14.89	252	647872	44.20	ng	# 94
88) Benzo(k)fluoranthene	14.89	252	647872	49.42	ng	98
89) Benzo(a)pyrene	15.23	252	219782	16.80	ng	96
90) Dibenzo(a,h)anthracene	16.67	278	38259	3.72	ng	# 82
91) Benzo(g,h,i)perylene	17.07	276	117332	11.00	ng	97

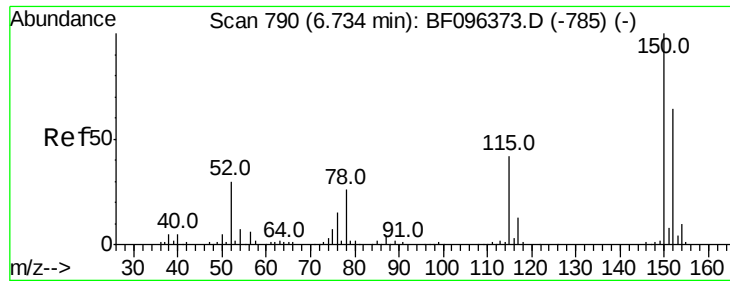
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070117\
Data File : BF096389.D
Acq On : 1 Jul 2017 20:04
Operator : SJ/MA
Sample : I3908-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :

Quant Time: Jul 03 01:50:23 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 01:43:12 2017
Response via : Initial Calibration



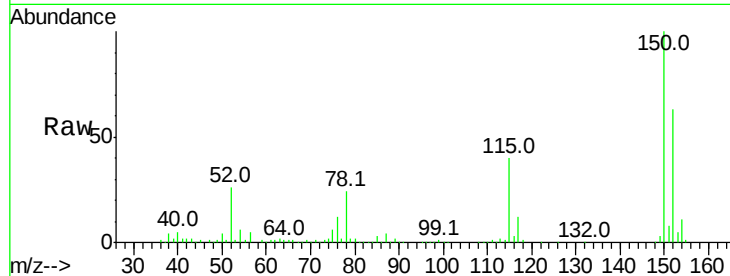


#1

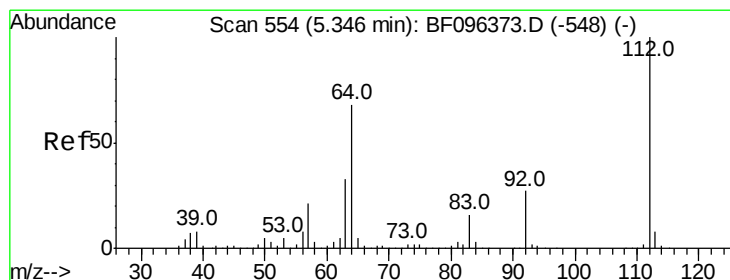
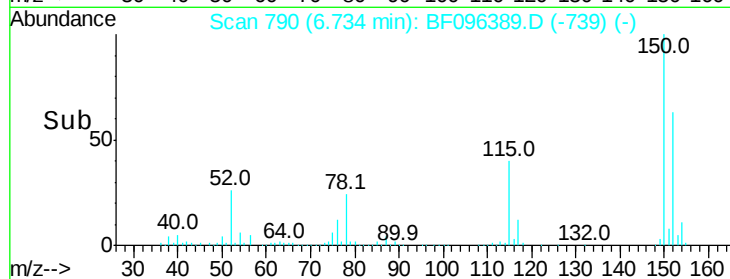
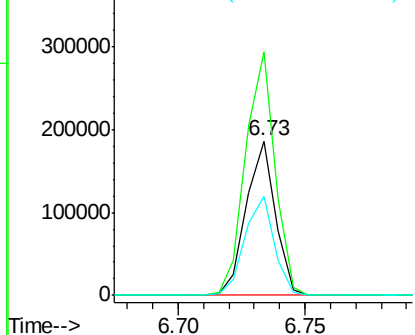
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF096389.D
Acq: 1 Jul 2017 20:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 149131
Ion Ratio Lower Upper
152 100
150 157.6 126.2 189.2
115 63.6 52.2 78.2



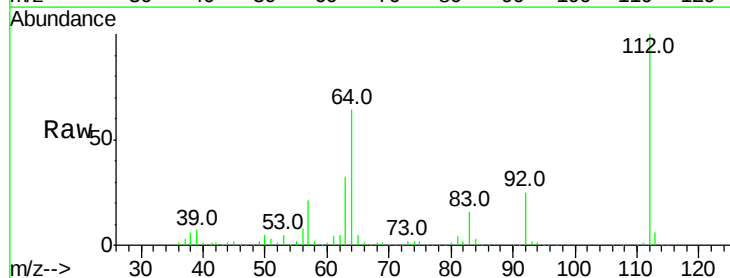
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



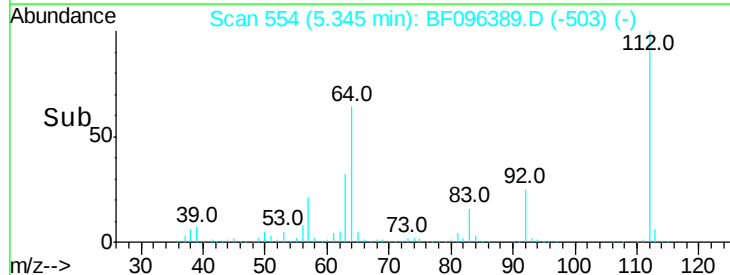
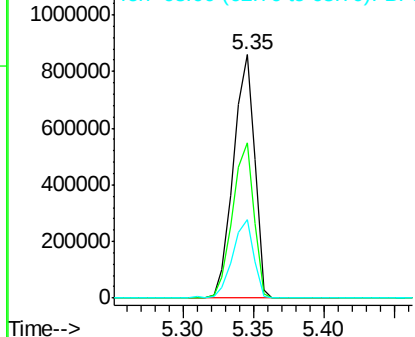
#5

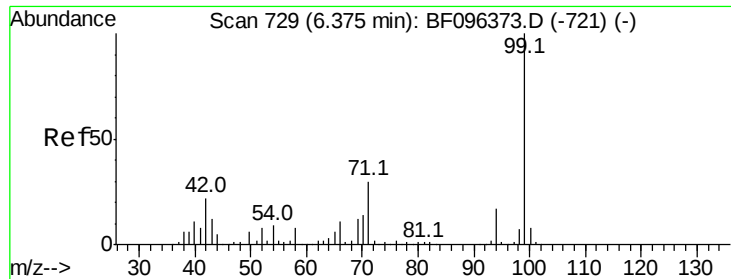
2-Fluorophenol
Concen: 88.96 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF096389.D
Acq: 1 Jul 2017 20:04

Tgt Ion:112 Resp: 898810
Ion Ratio Lower Upper
112 100
64 63.8 46.0 69.0
63 32.1 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: 80.55 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF096389.D

Acq: 1 Jul 2017 20:04

Instrument :

BNA_F

ClientSampled :

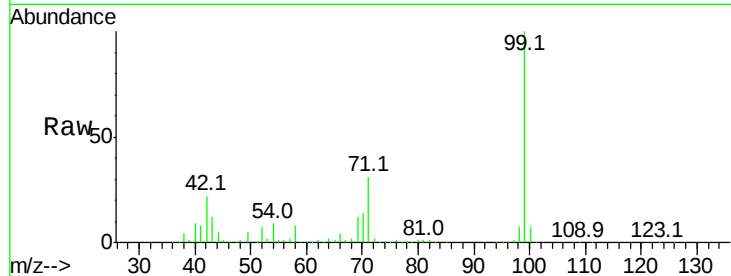
Tot Ion: 99 Resp: 1000535

Ion Ratio Lower Upper

99 100

42 22.0 13.5 20.3#

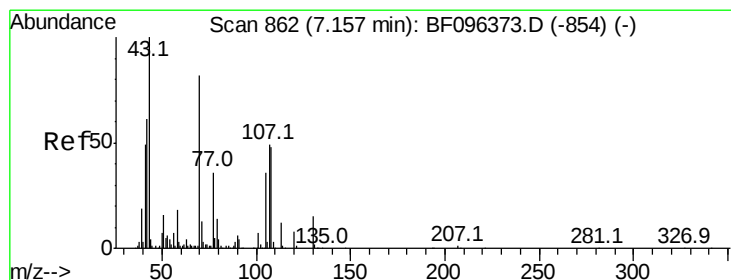
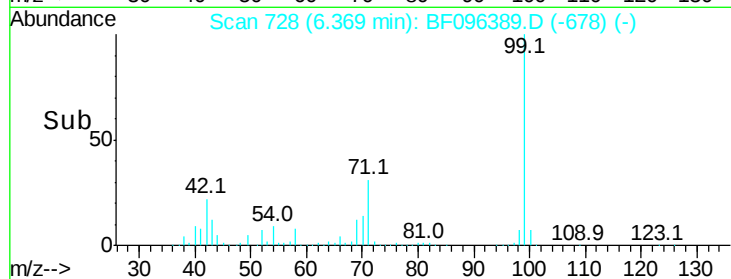
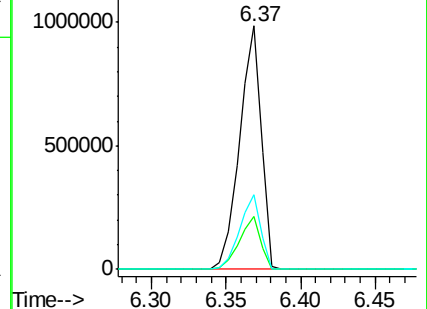
71 30.7 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 11.75 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.14 min

Lab File: BF096389.D

Acq: 1 Jul 2017 20:04

Tgt Ion: 70 Resp: 86986

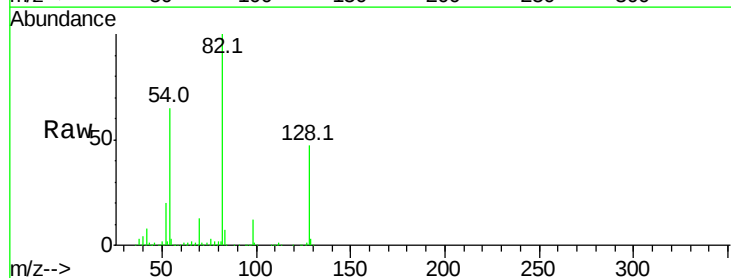
Ion Ratio Lower Upper

70 100

42 58.4 47.2 70.8

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

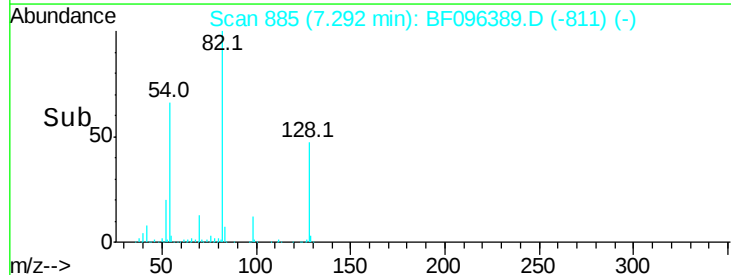
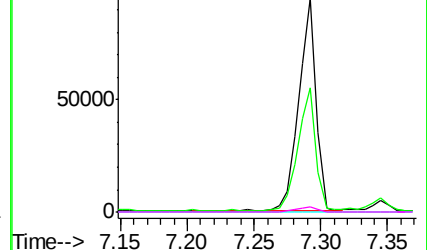


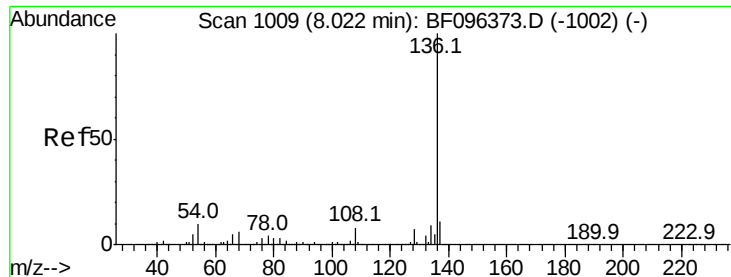
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF096389.D

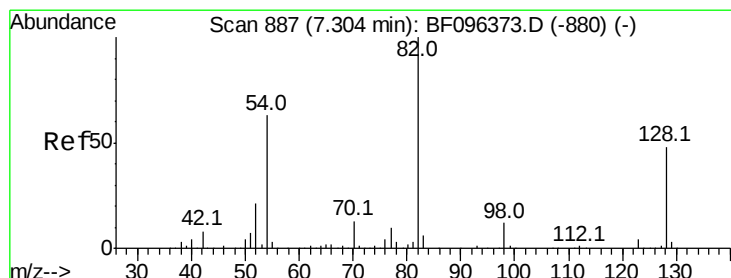
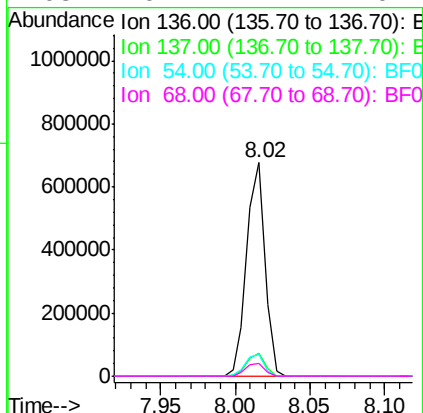
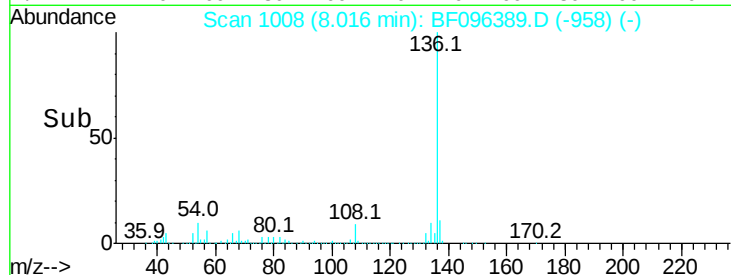
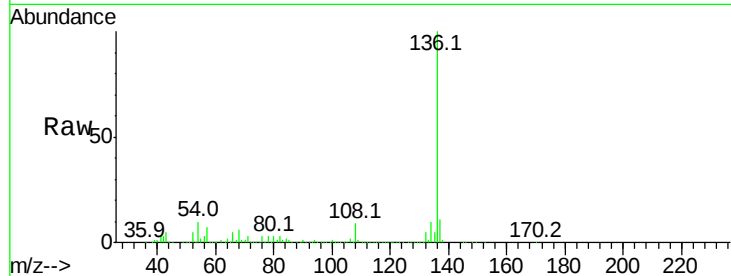
Acq: 1 Jul 2017 20:04

Instrument :

BNA_F

ClientSampled :

Tot Ion:	136	Resp:	581233
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	9.9	4.9	7.3#
68	6.1	4.1	6.1



#23

Nitrobenzene-d5

Concen: 67.97 ng

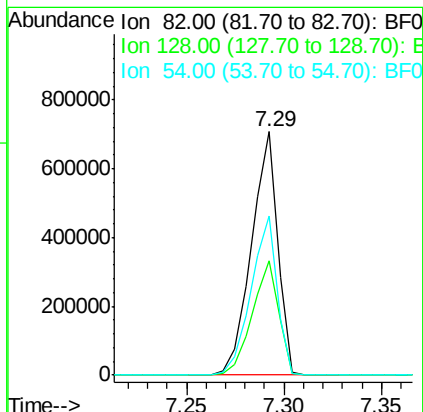
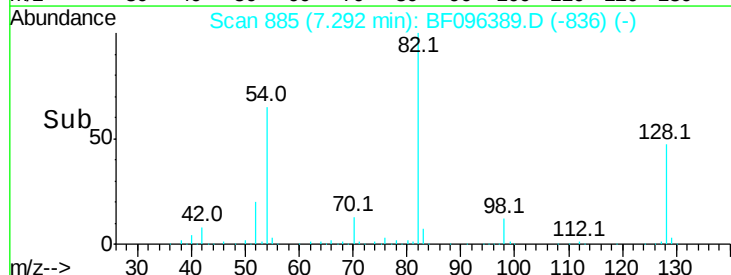
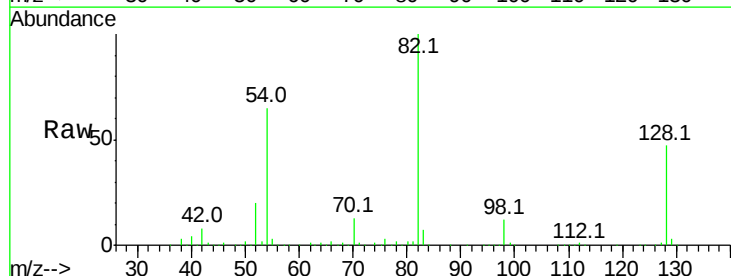
RT: 7.29 min Scan# 885

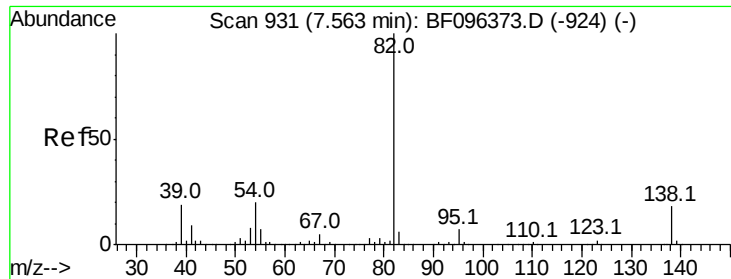
Delta R.T. -0.01 min

Lab File: BF096389.D

Acq: 1 Jul 2017 20:04

Tgt Ion:	82	Resp:	657442
Ion	Ratio	Lower	Upper
82	100		
128	46.9	34.0	51.0
54	65.5	42.2	63.2#





#25

Isophorone

Concen: 34.79 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.27 min

Lab File: BF096389.D

Acq: 1 Jul 2017 20:04

Instrument :

BNA_F

ClientSampleId :

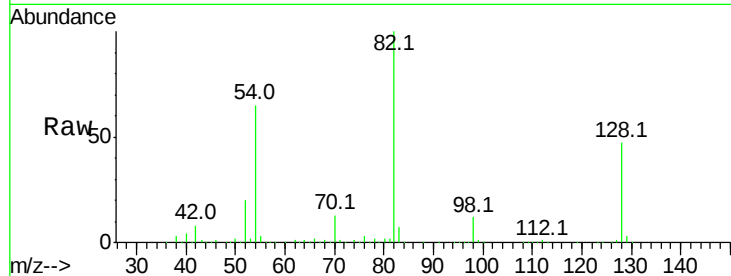
Tot Ion: 82 Resp: 652508

Ion Ratio Lower Upper

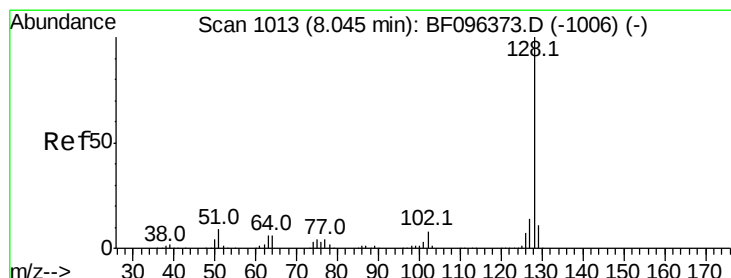
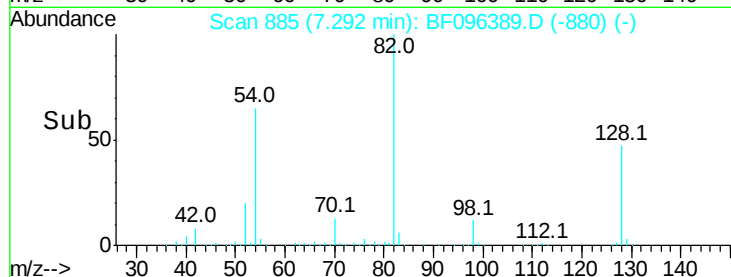
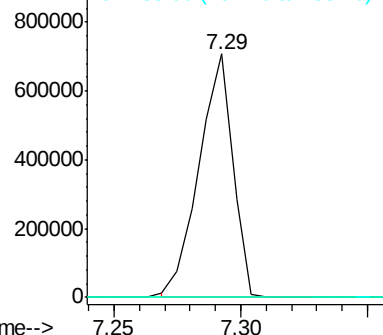
82 100

95 0.2 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: 9.70 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF096389.D

Acq: 1 Jul 2017 20:04

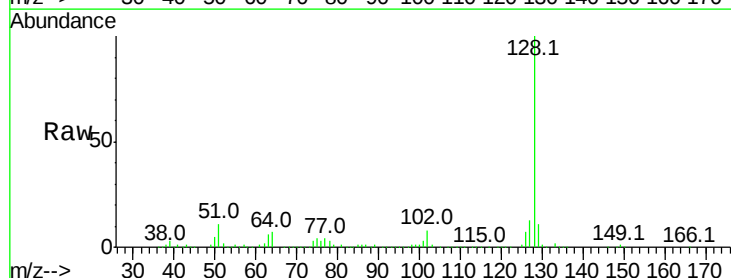
Tgt Ion: 128 Resp: 266038

Ion Ratio Lower Upper

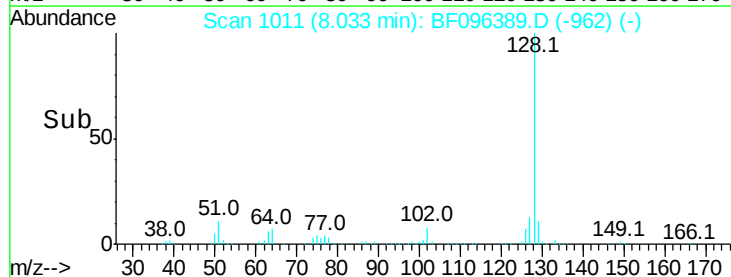
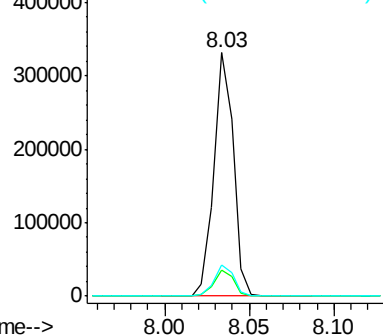
128 100

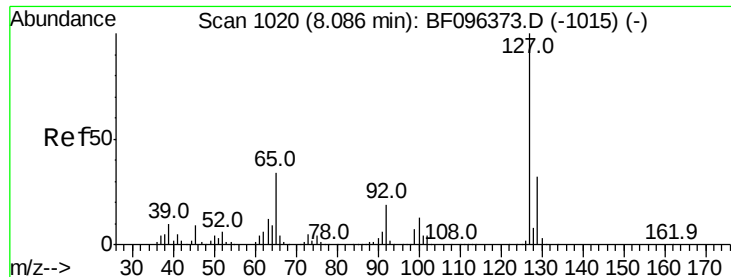
129 10.8 9.0 13.6

127 13.0 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

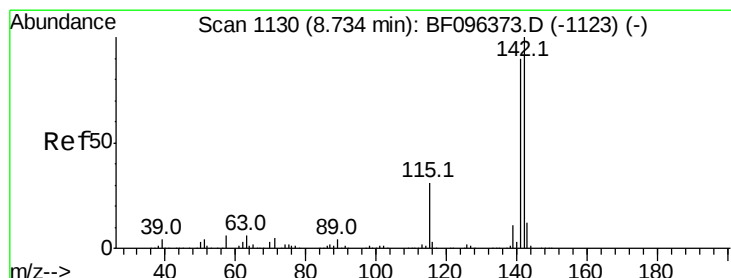
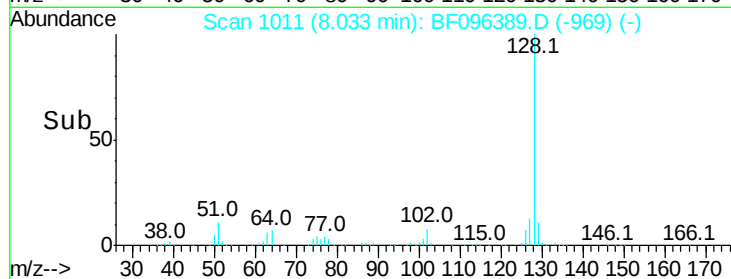
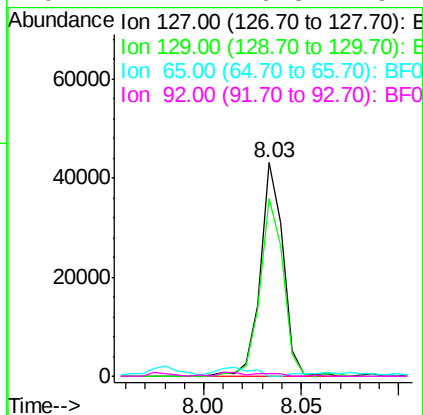
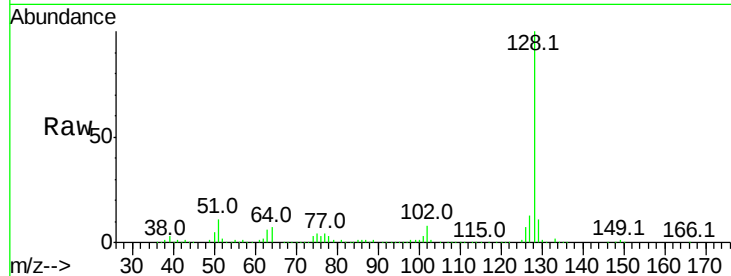




#33
4-Chloroaniline
Concen: 3.07 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.05 min
Lab File: BF096389.D
Acq: 1 Jul 2017 20:04

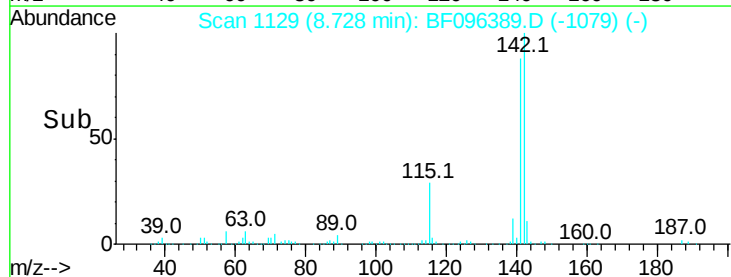
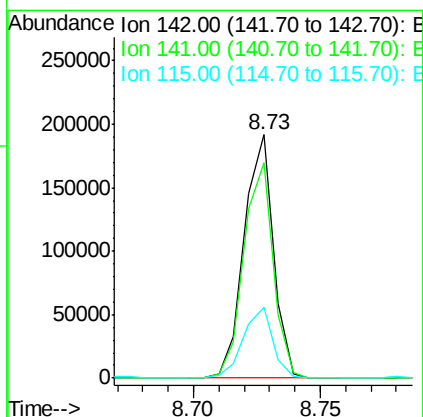
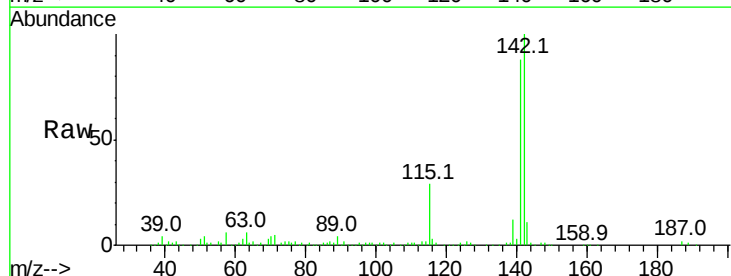
Instrument :
BNA_F
ClientSampleId :

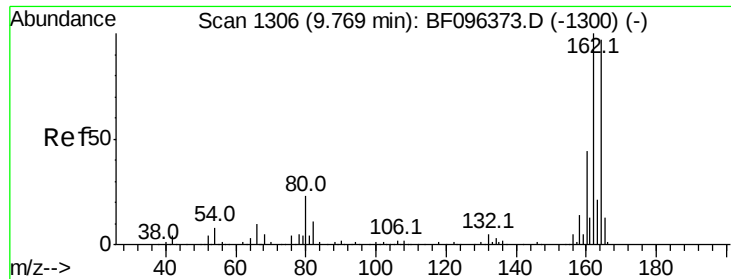
Tot Ion:	127	Resp:	34993
Ion	Ratio	Lower	Upper
127	100		
129	83.4	26.2	39.2#
65	0.0	27.8	41.8#
92	1.2	16.8	25.2#



#37
2-Methylnaphthalene
Concen: 8.81 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF096389.D
Acq: 1 Jul 2017 20:04

Tgt Ion:	142	Resp:	153893
Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.3	106.9
115	28.9	27.1	40.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF096389.D

Acq: 1 Jul 2017 20:04

Instrument :

BNA_F

ClientSampleId :

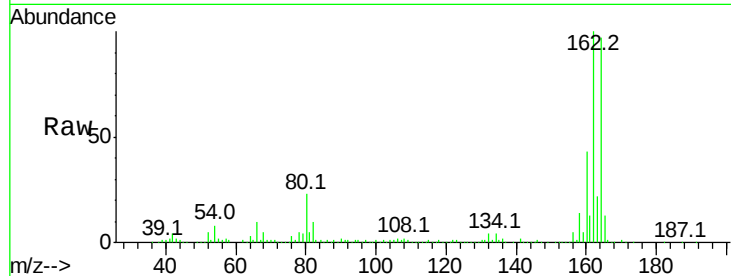
Tot Ion:164 Resp: 201566

Ion Ratio Lower Upper

164 100

162 103.1 82.6 123.8

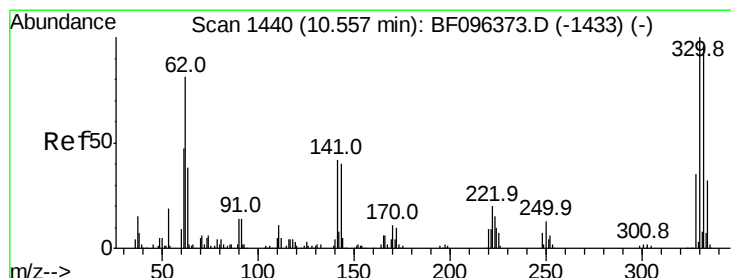
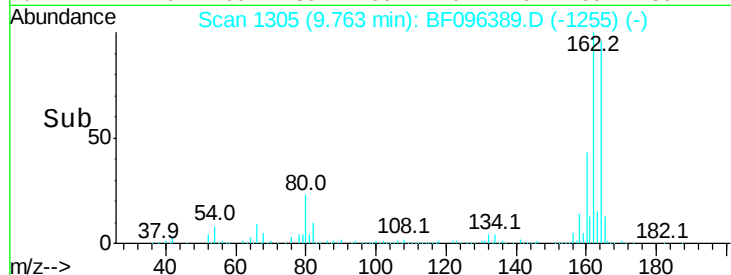
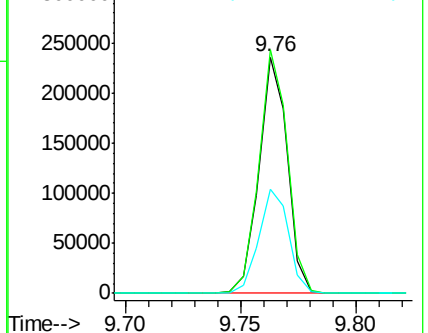
160 44.3 36.2 54.2



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: 85.49 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF096389.D

Acq: 1 Jul 2017 20:04

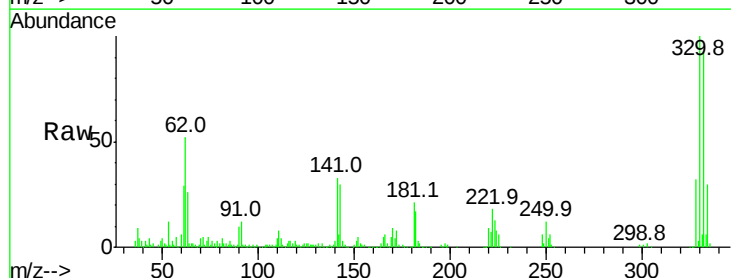
Tgt Ion:330 Resp: 134600

Ion Ratio Lower Upper

330 100

332 93.8 76.6 115.0

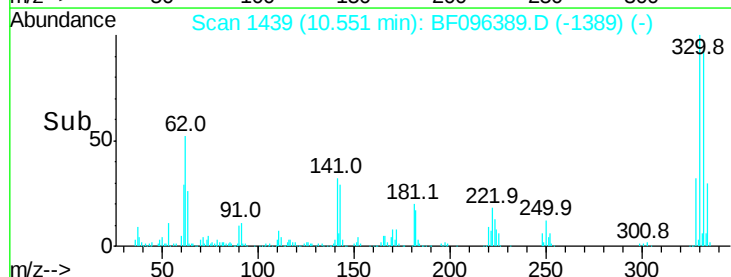
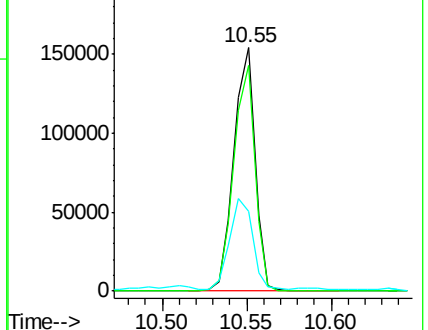
141 40.3 31.4 47.2

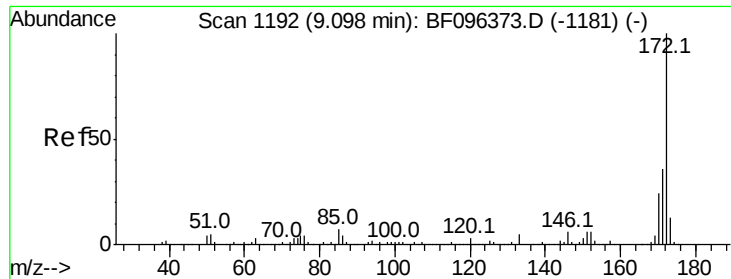


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

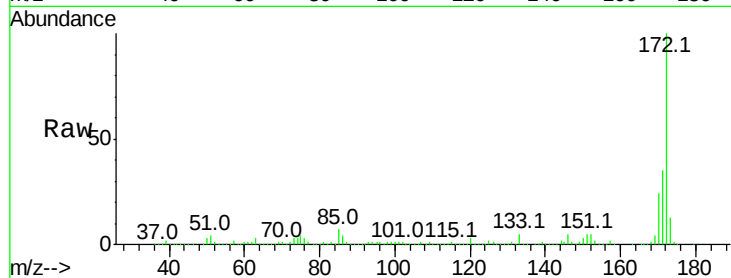




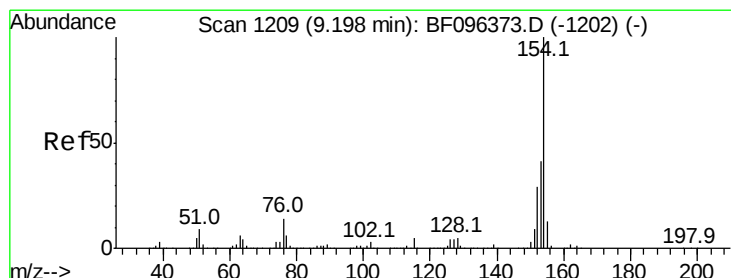
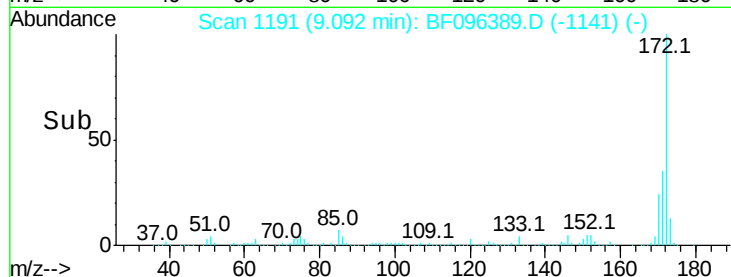
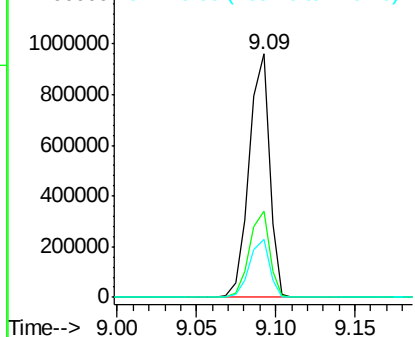
#44
2-Fluorobiphenyl
Concen: 72.70 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF096389.D
Acq: 1 Jul 2017 20:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 857118
Ion Ratio Lower Upper
172 100
171 35.2 29.6 44.4
170 23.9 19.8 29.8

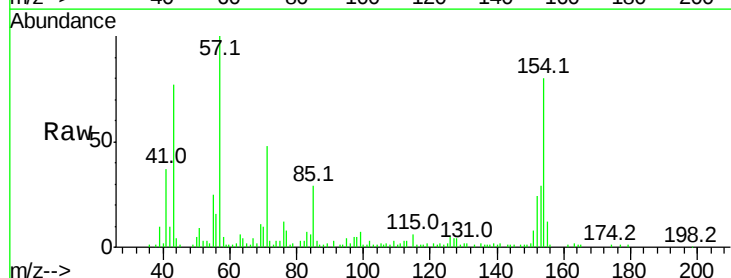


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

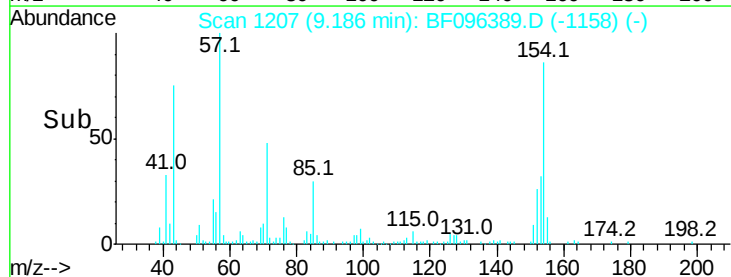
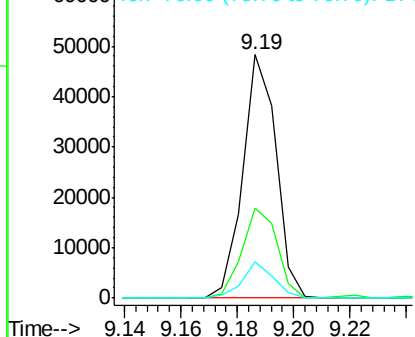


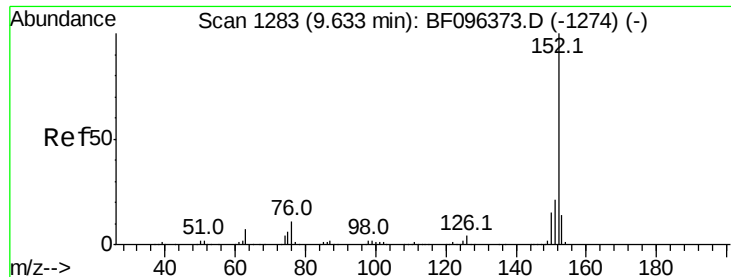
#45
1,1'-Biphenyl
Concen: 2.29 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF096389.D
Acq: 1 Jul 2017 20:04

Tgt Ion:154 Resp: 39483
Ion Ratio Lower Upper
154 100
153 37.0 21.2 61.2
76 15.0 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0





#48

Acenaphthylene

Concen: 4.06 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF096389.D

Acq: 1 Jul 2017 20:04

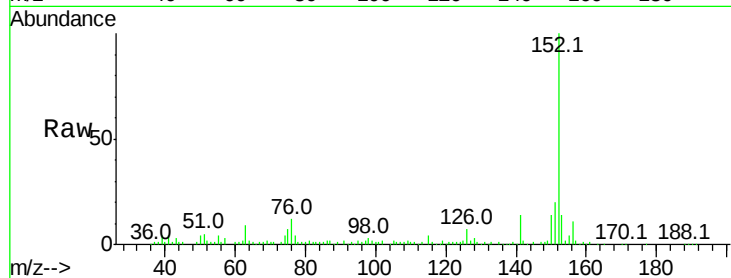
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 82766

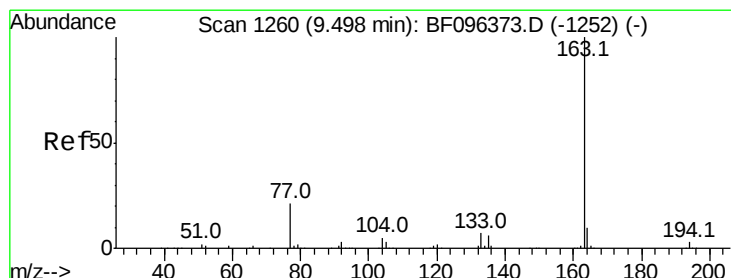
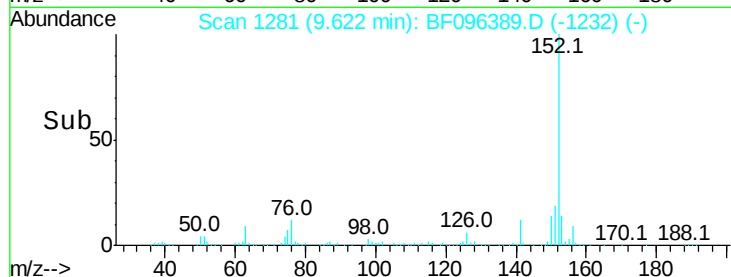
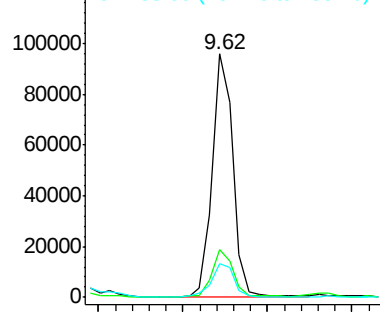
Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.8	25.2
153	14.0	10.8	16.2



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: 17.03 ng

RT: 9.48 min Scan# 1257

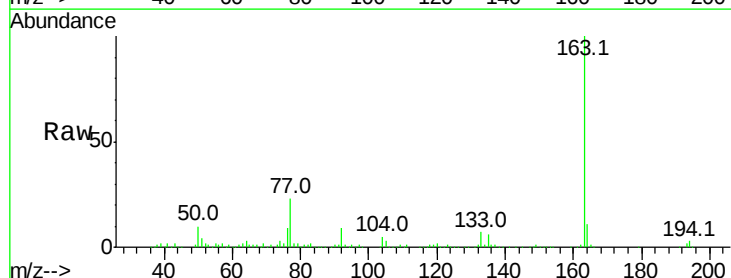
Delta R.T. -0.02 min

Lab File: BF096389.D

Acq: 1 Jul 2017 20:04

Tgt Ion:163 Resp: 256228

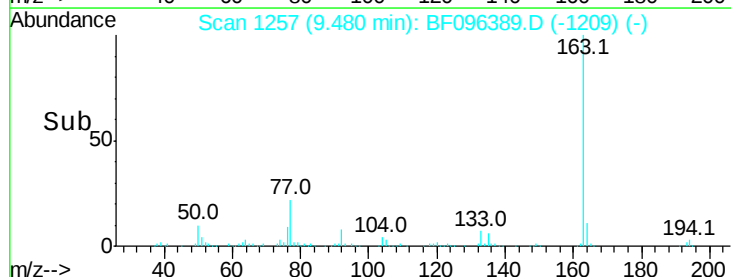
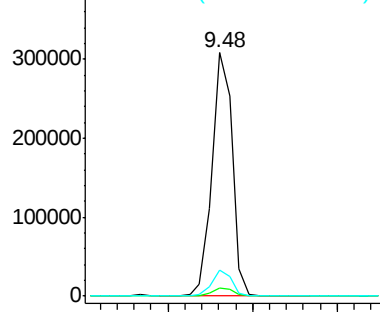
Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.8	8.4	12.6

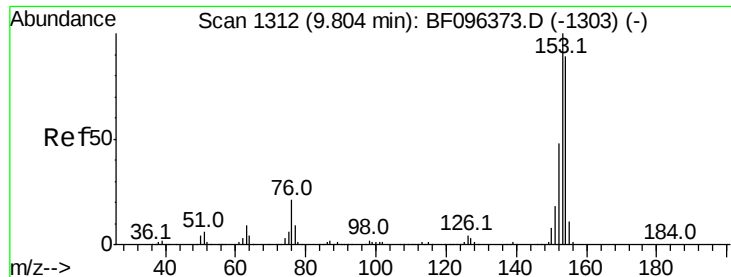


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 4.84 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF096389.D

Acq: 1 Jul 2017 20:04

Instrument :

BNA_F

ClientSampleId :

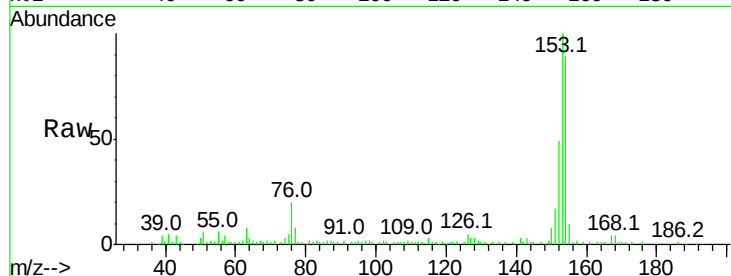
Tot Ion:154 Resp: 60845

Ion Ratio Lower Upper

154 100

153 113.0 90.5 135.7

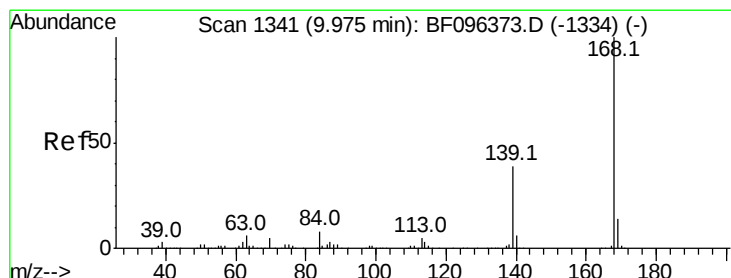
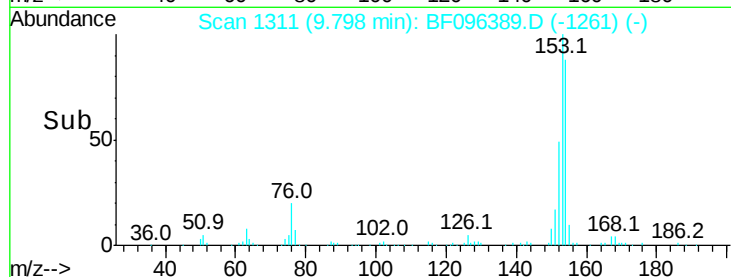
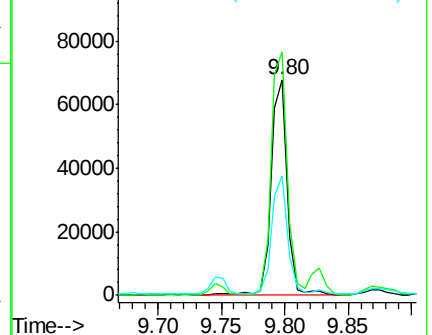
152 55.7 43.6 65.4



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: 6.82 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF096389.D

Acq: 1 Jul 2017 20:04

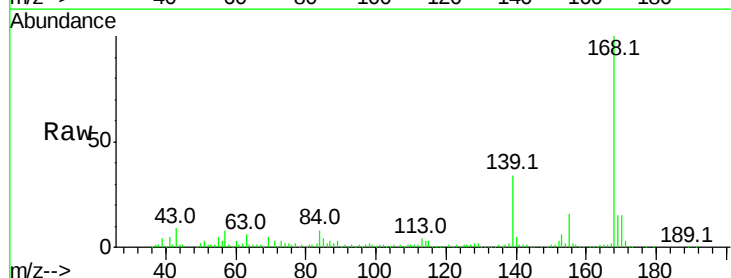
Tgt Ion:168 Resp: 113124

Ion Ratio Lower Upper

168 100

139 34.4 30.6 45.8

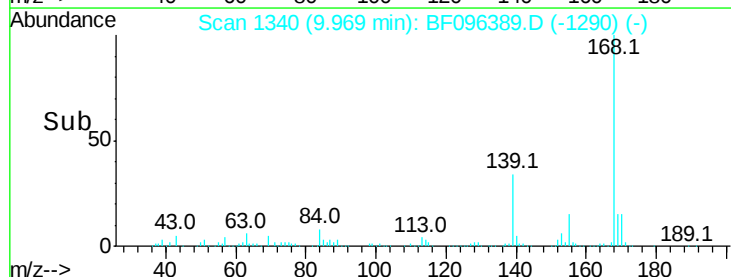
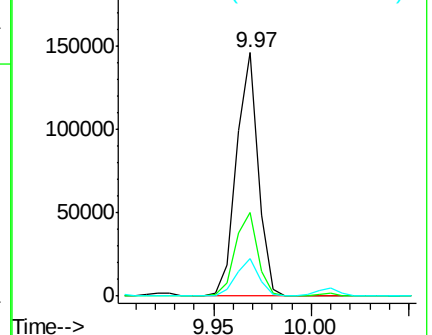
169 15.2 10.8 16.2

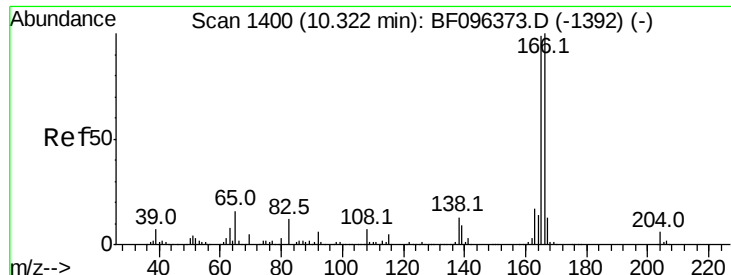


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

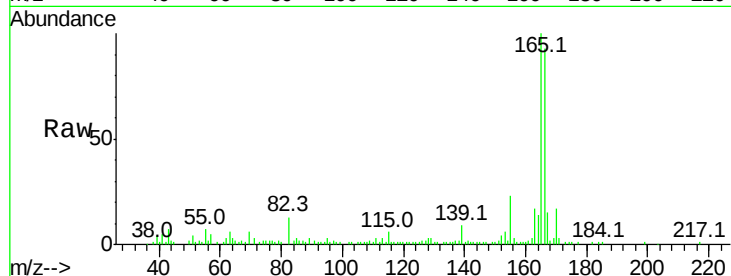




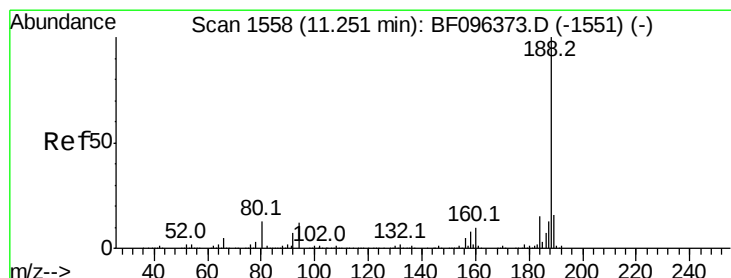
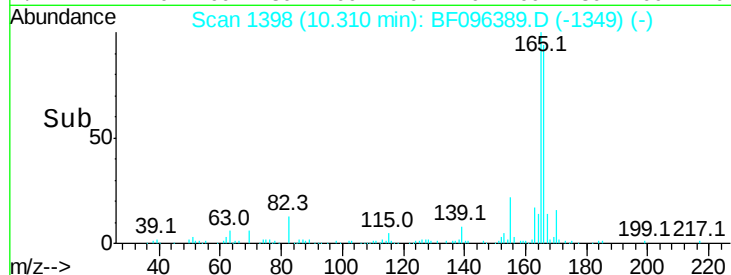
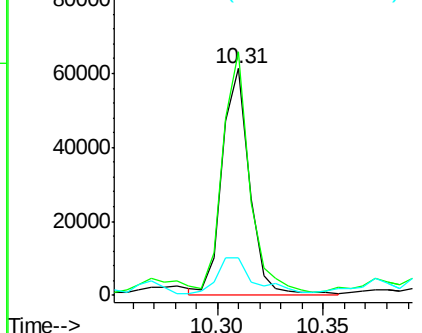
#57
 Fluorene
 Concen: 4.67 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF096389.D
 Acq: 1 Jul 2017 20:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 54744
 Ion Ratio Lower Upper
 166 100
 165 107.5 78.8 118.2
 167 16.6 10.6 16.0#

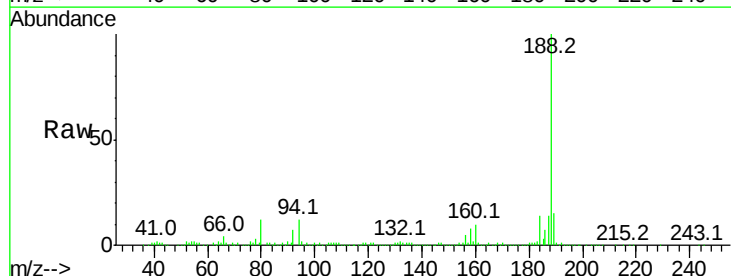


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

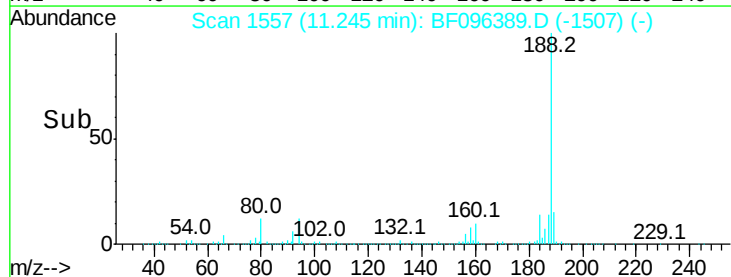
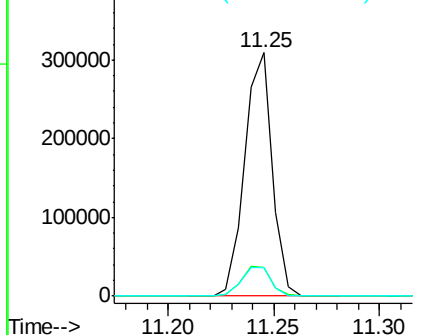


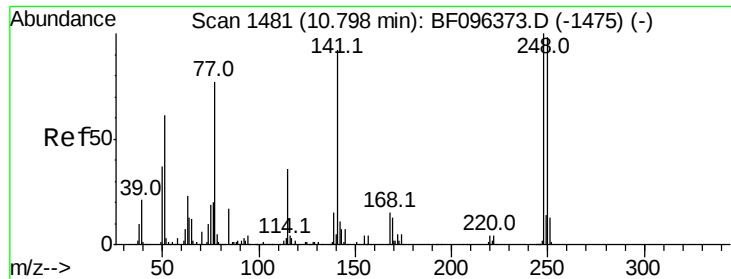
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF096389.D
 Acq: 1 Jul 2017 20:04

Tgt Ion:188 Resp: 279234
 Ion Ratio Lower Upper
 188 100
 94 12.0 9.4 14.2
 80 11.9 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

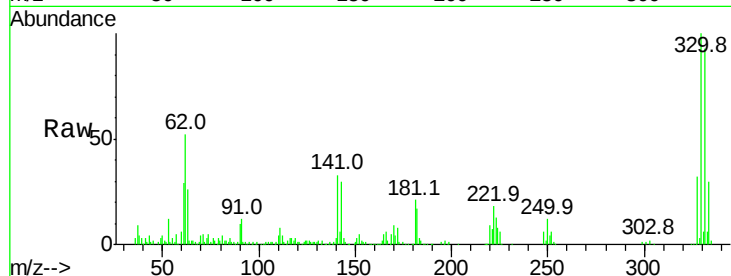




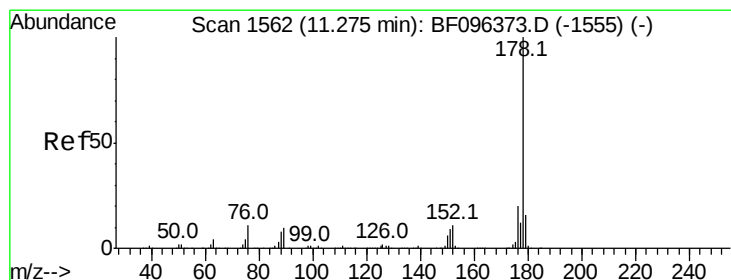
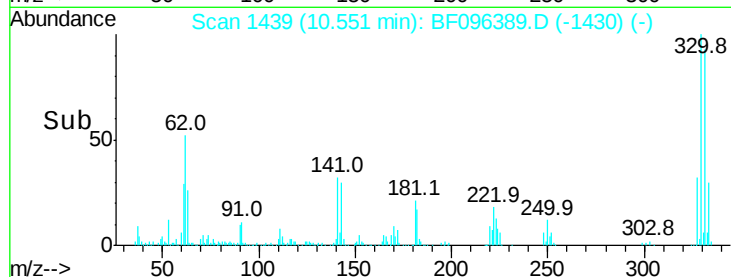
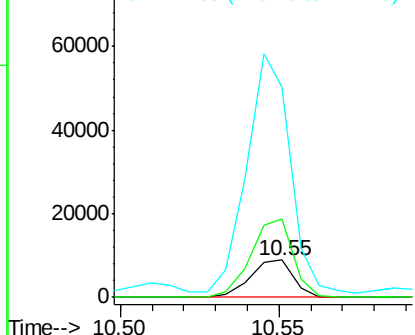
#66
4-Bromophenyl-phenylether
Concen: 3.04 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.25 min
Lab File: BF096389.D
Acq: 1 Jul 2017 20:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 8271
Ion Ratio Lower Upper
248 100
250 210.8 76.8 115.2#
141 561.6 68.6 103.0#

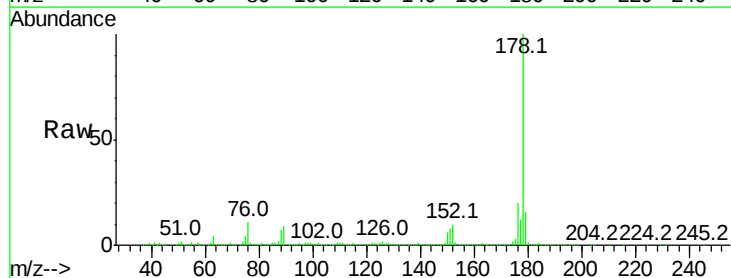


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

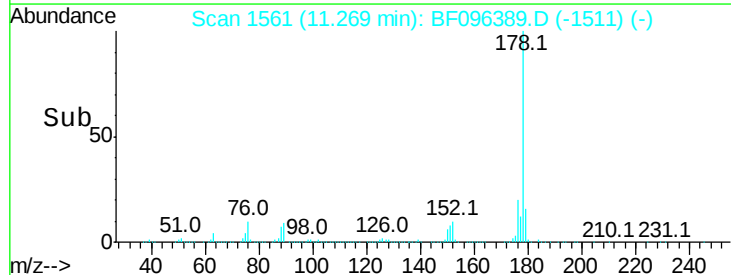
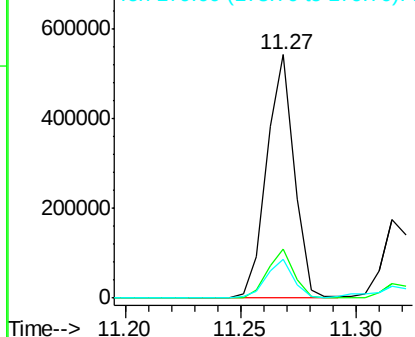


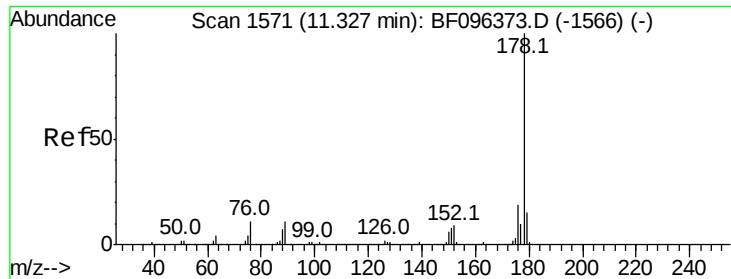
#70
Phenanthrene
Concen: 29.60 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF096389.D
Acq: 1 Jul 2017 20:04

Tgt Ion:178 Resp: 446813
Ion Ratio Lower Upper
178 100
176 19.9 16.2 24.4
179 15.7 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

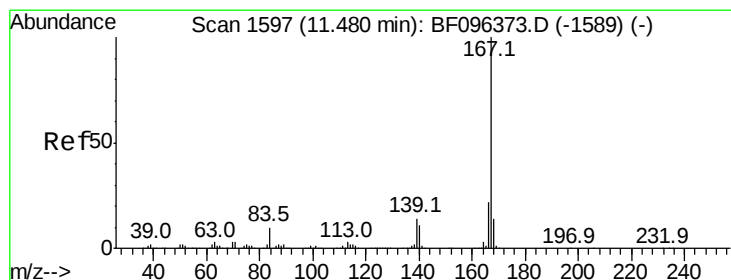
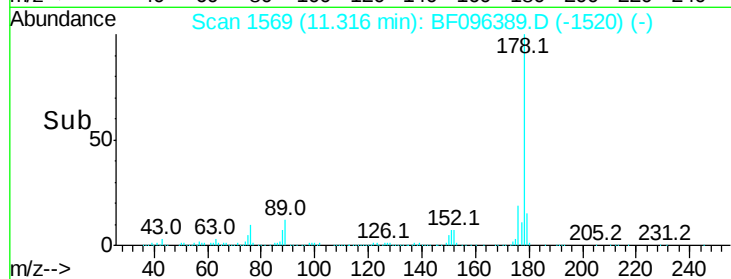
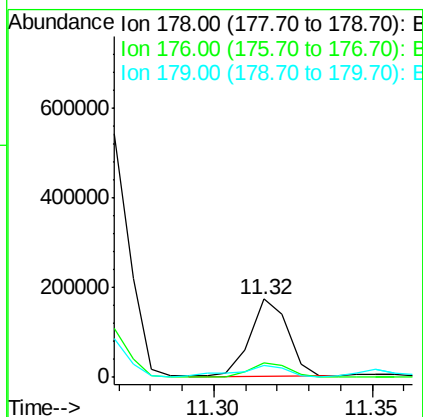
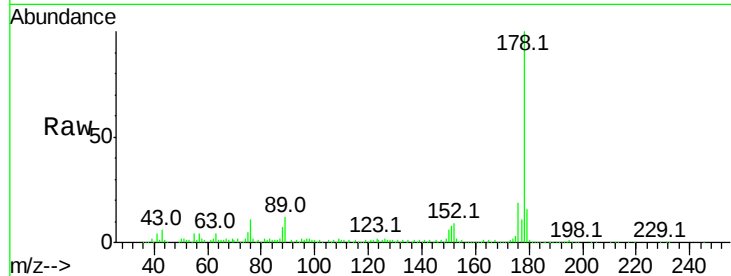




#71
 Anthracene
 Concen: 9.45 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF096389.D
 Acq: 1 Jul 2017 20:04

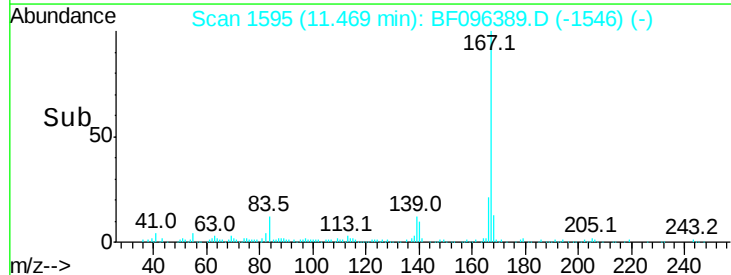
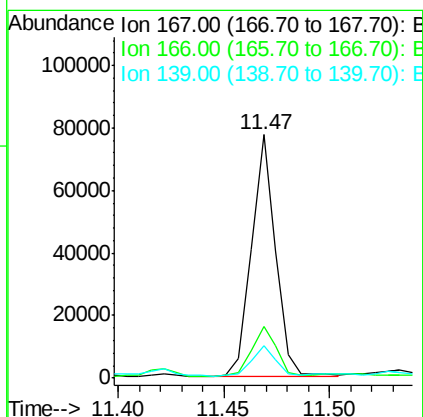
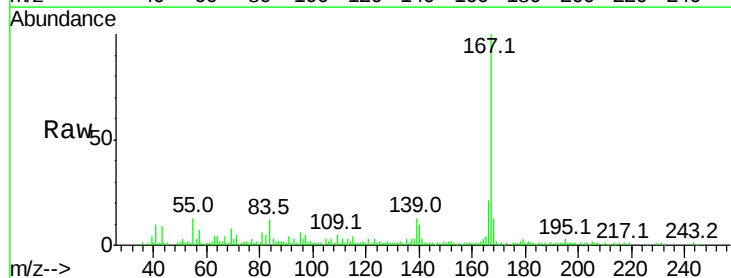
Instrument :
 BNA_F
 ClientSampleId :

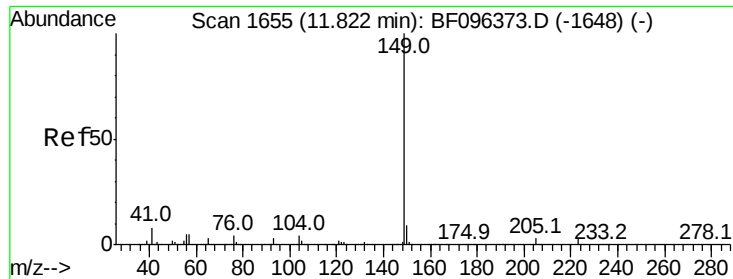
Tot Ion:178 Resp: 145310
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.8 23.8
 179 15.7 12.7 19.1



#72
 Carbazole
 Concen: 3.97 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF096389.D
 Acq: 1 Jul 2017 20:04

Tgt Ion:167 Resp: 61431
 Ion Ratio Lower Upper
 167 100
 166 21.4 18.1 27.1
 139 13.1 11.7 17.5





#73

Di-n-butylphthalate

Concen: 2.13 ng

RT: 11.82 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BF096389.D

Acq: 1 Jul 2017 20:04

Instrument :

BNA_F

ClientSampleId :

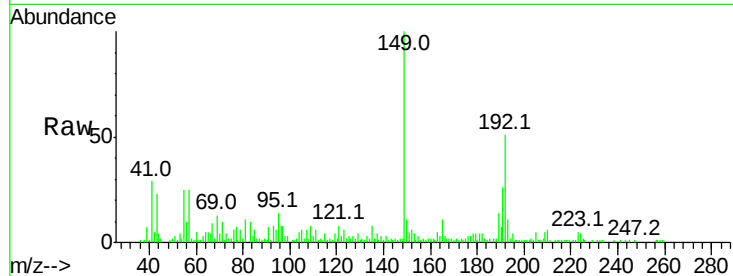
Tot Ion:149 Resp: 39987

Ion Ratio Lower Upper

149 100

150 10.9 7.7 11.5

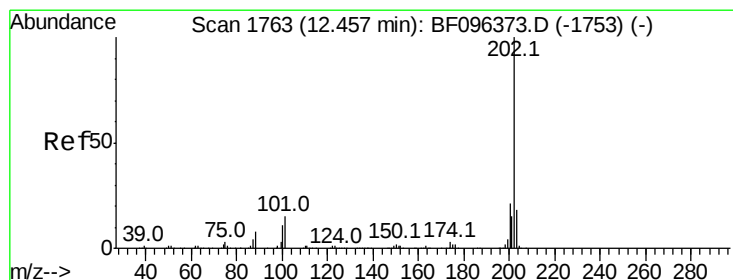
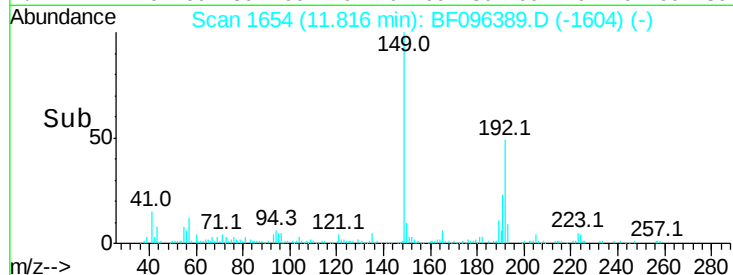
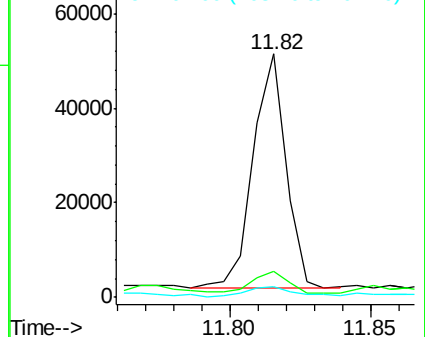
104 4.6 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.45 ng

RT: 12.46 min Scan# 1763

Delta R.T. -0.00 min

Lab File: BF096389.D

Acq: 1 Jul 2017 20:04

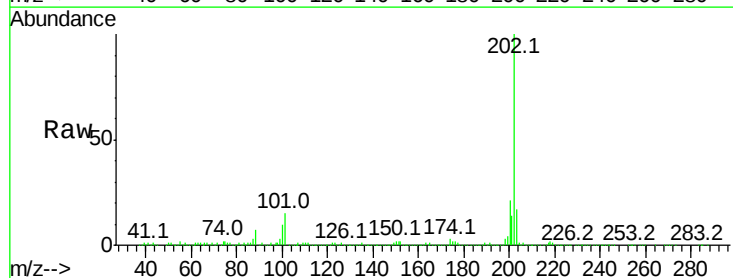
Tgt Ion:202 Resp: 583889

Ion Ratio Lower Upper

202 100

101 14.5 0.0 33.2

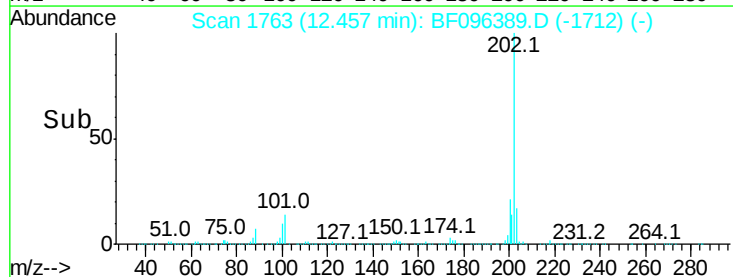
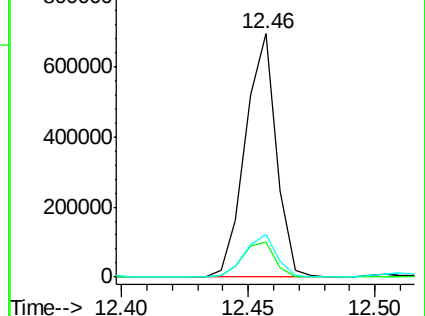
203 17.5 0.0 38.1

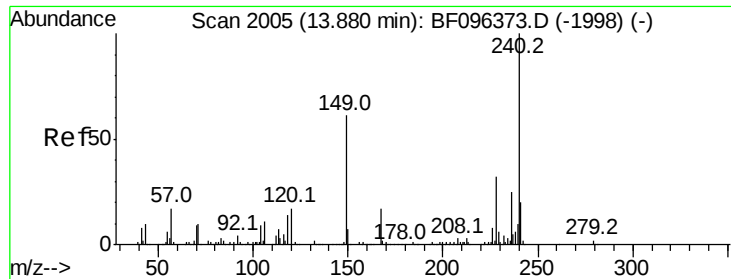


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF096389.D

Acq: 1 Jul 2017 20:04

Instrument :

BNA_F

ClientSampleId :

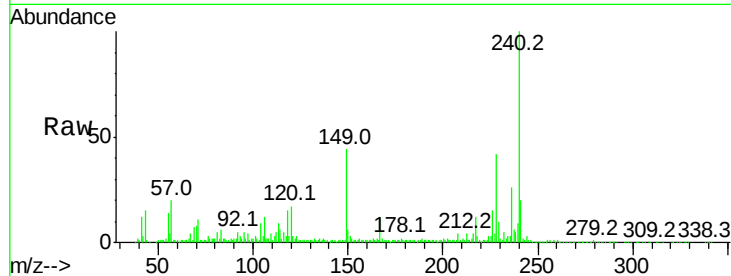
Tot Ion:240 Resp: 260504

Ion Ratio Lower Upper

240 100

120 17.0 5.8 8.8#

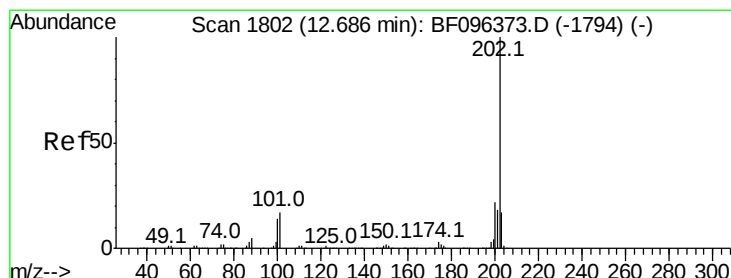
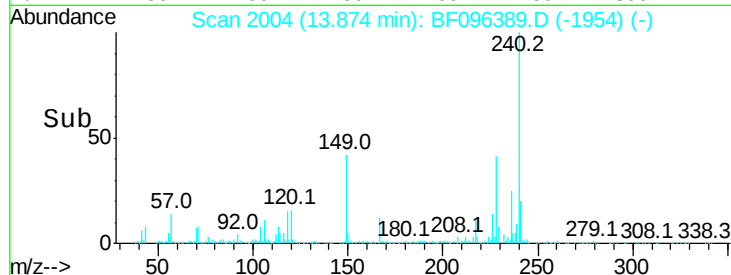
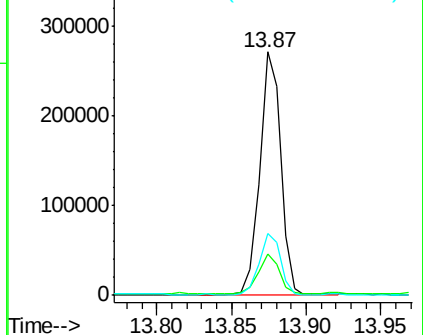
236 25.6 20.5 30.7



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: 25.66 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.01 min

Lab File: BF096389.D

Acq: 1 Jul 2017 20:04

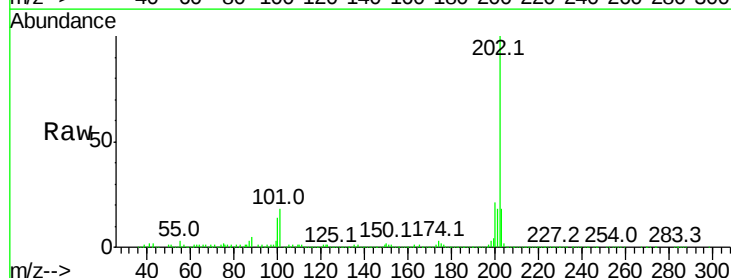
Tgt Ion:202 Resp: 536569

Ion Ratio Lower Upper

202 100

200 20.9 17.6 26.4

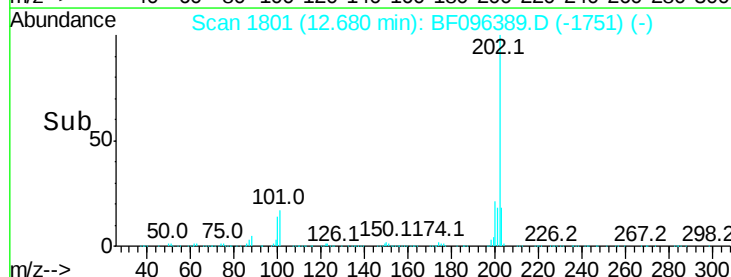
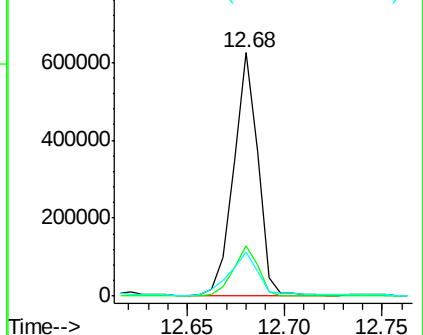
203 17.9 14.4 21.6

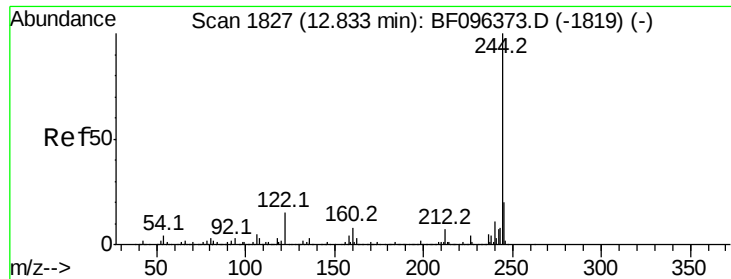


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 41.18 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF096389.D

Acq: 1 Jul 2017 20:04

Instrument :

BNA_F

ClientSampleId :

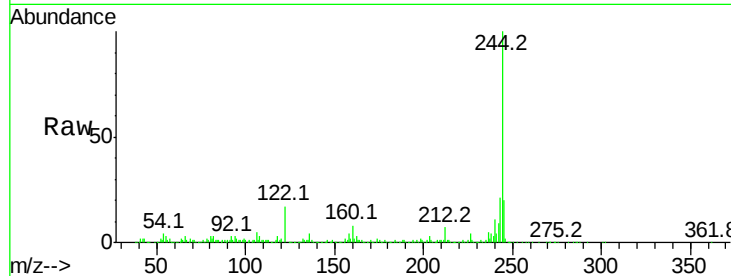
Tot Ion:244 Resp: 502031

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

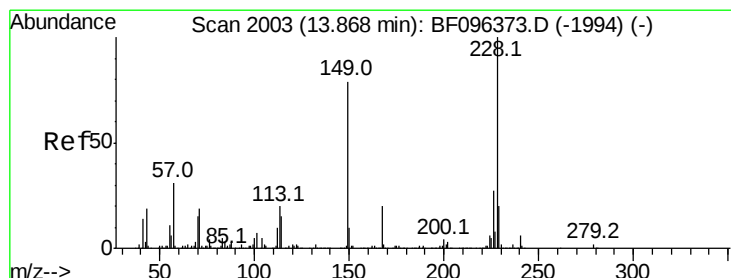
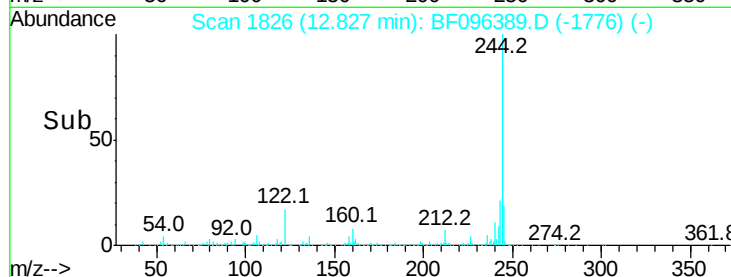
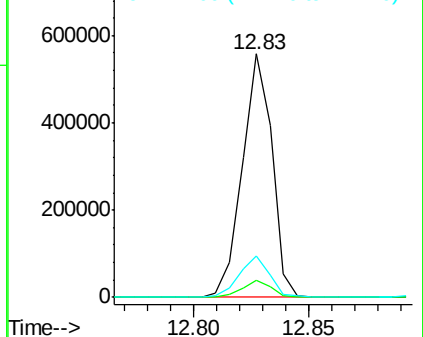
122 16.9 10.3 15.5#



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: 19.71 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BF096389.D

Acq: 1 Jul 2017 20:04

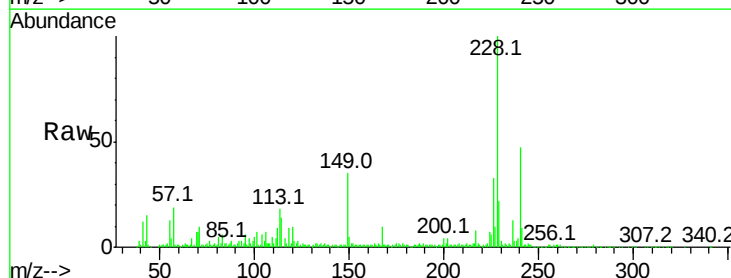
Tgt Ion:228 Resp: 297282

Ion Ratio Lower Upper

228 100

226 32.5 22.6 33.8

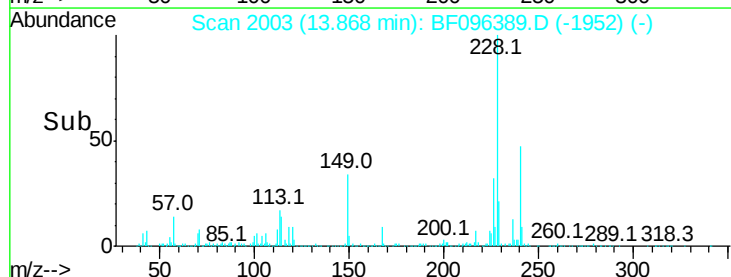
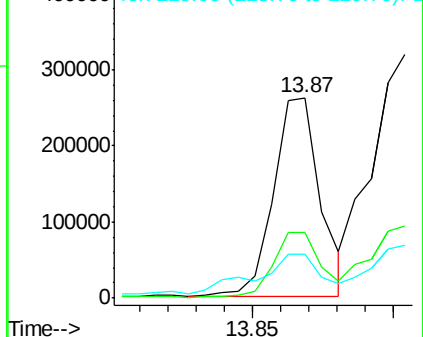
229 22.0 16.3 24.5

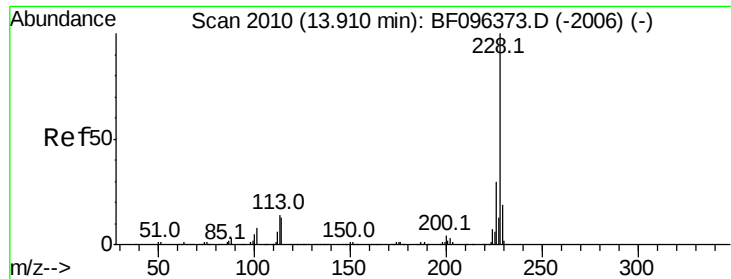


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 22.65 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF096389.D

Acq: 1 Jul 2017 20:04

Instrument :

BNA_F

ClientSampleId :

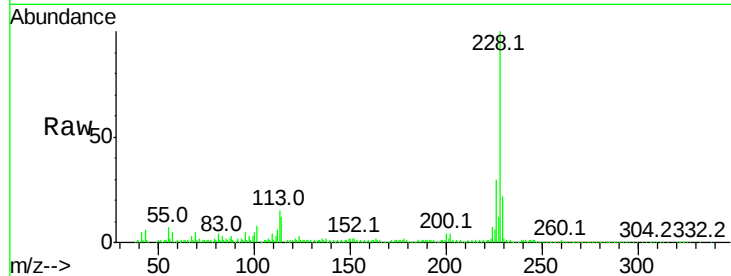
Tot Ion:228 Resp: 357867

Ion Ratio Lower Upper

228 100

226 29.7 24.9 37.3

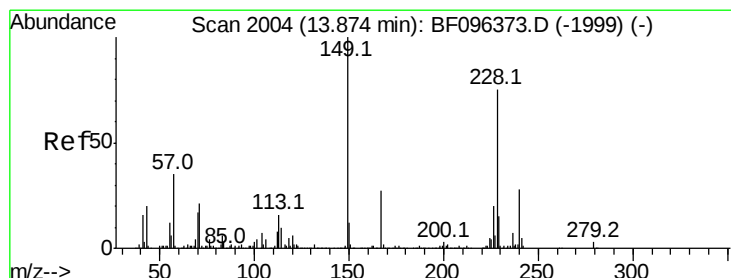
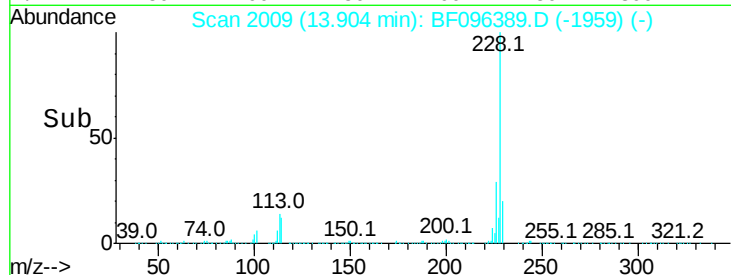
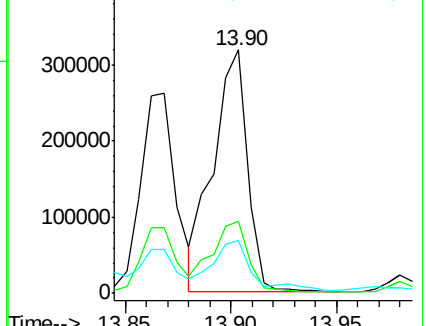
229 21.9 15.8 23.6



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 8.75 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF096389.D

Acq: 1 Jul 2017 20:04

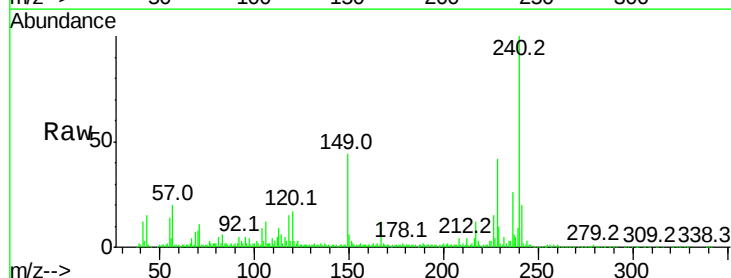
Tgt Ion:149 Resp: 103353

Ion Ratio Lower Upper

149 100

167 27.8 21.0 31.4

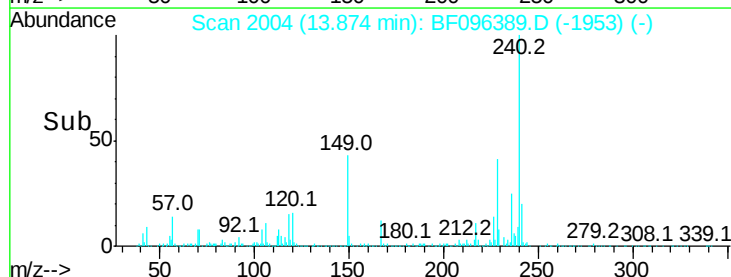
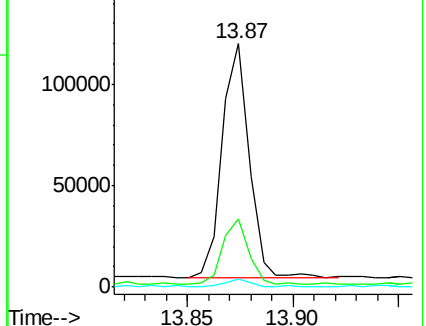
279 3.1 1.9 2.9#

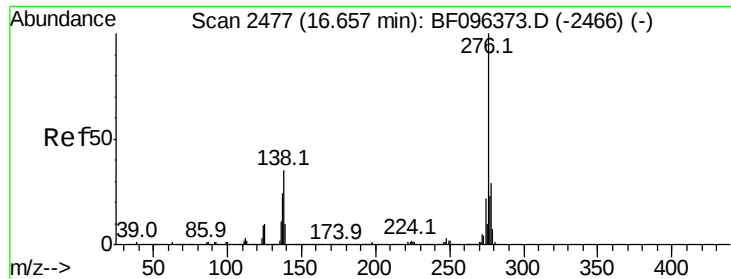


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Indeno(1,2,3-cd)pyrene

Concen: 10.66 ng

RT: 16.66 min Scan# 2477

Delta R.T. -0.00 min

Lab File: BF096389.D

Acq: 1 Jul 2017 20:04

Instrument :

BNA_F

ClientSampleId :

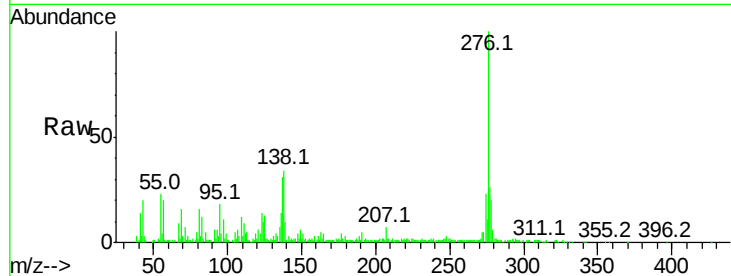
Tot Ion:276 Resp: 132959

Ion	Ratio	Lower	Upper
276	100		
138	33.6	27.8	41.6
277	26.0	20.2	30.4

276 100

138 33.6 27.8 41.6

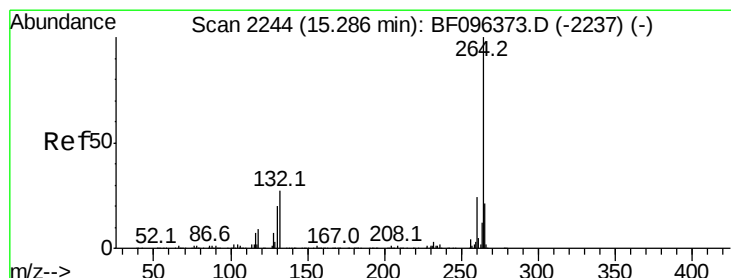
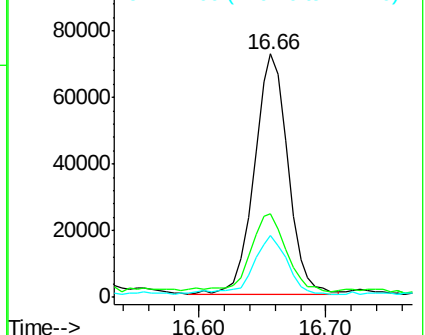
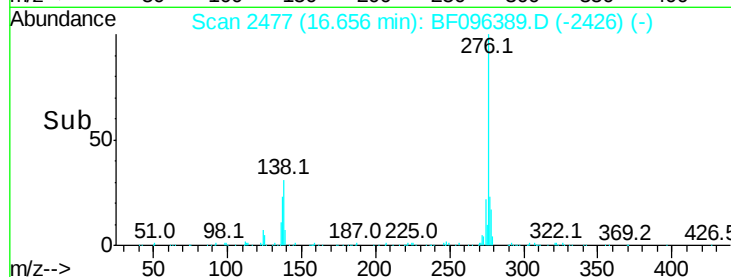
277 26.0 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.29 min Scan# 2245

Delta R.T. 0.01 min

Lab File: BF096389.D

Acq: 1 Jul 2017 20:04

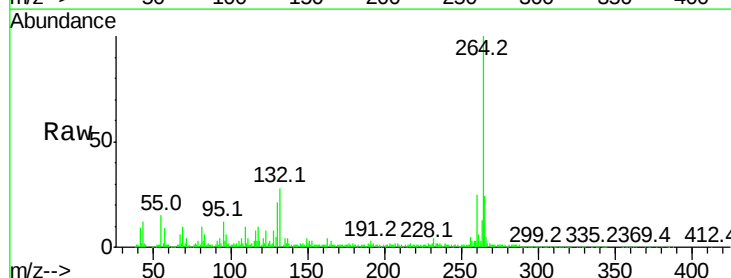
Tgt Ion:264 Resp: 233904

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	24.1	17.2	25.8

264 100

260 24.7 19.5 29.3

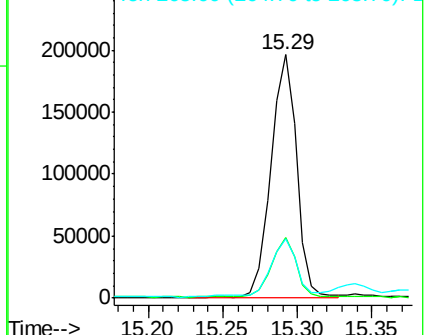
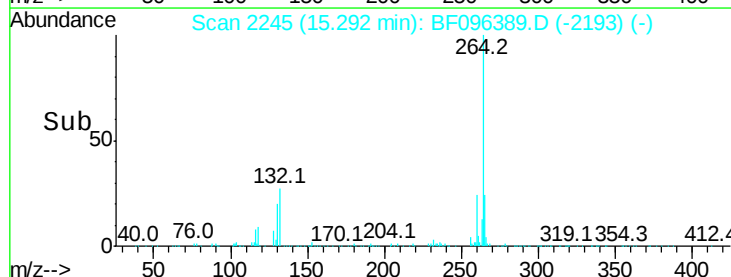
265 24.1 17.2 25.8

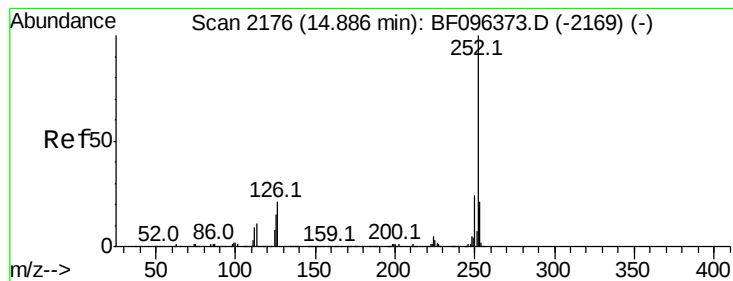


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 44.20 ng

RT: 14.89 min Scan# 2177

Delta R.T. 0.01 min

Lab File: BF096389.D

Acq: 1 Jul 2017 20:04

Instrument :

BNA_F

ClientSampled :

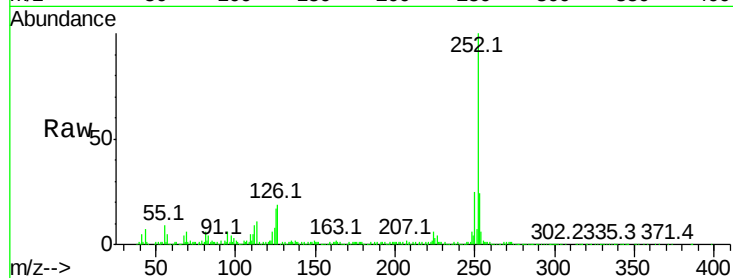
Tot Ion:252 Resp: 647872

Ion Ratio Lower Upper

252 100

253 23.8 18.1 27.1

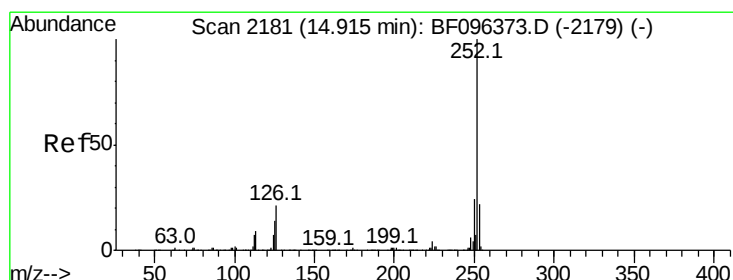
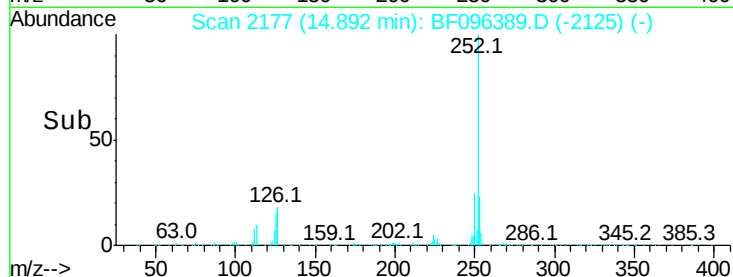
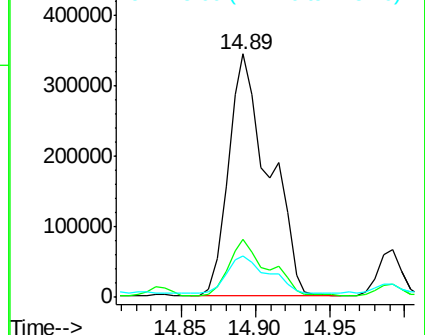
125 16.9 9.8 14.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 49.42 ng

RT: 14.89 min Scan# 2177

Delta R.T. -0.02 min

Lab File: BF096389.D

Acq: 1 Jul 2017 20:04

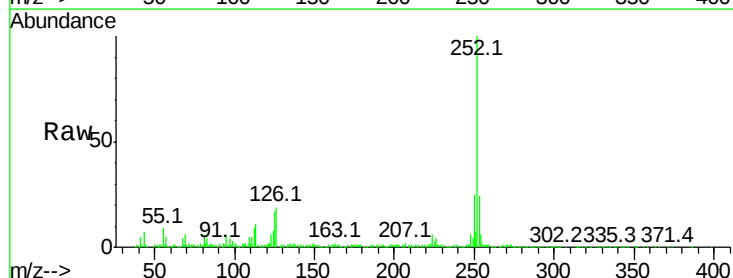
Tgt Ion:252 Resp: 647872

Ion Ratio Lower Upper

252 100

253 23.8 18.4 27.6

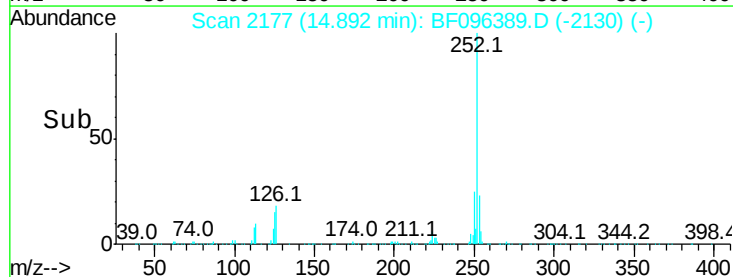
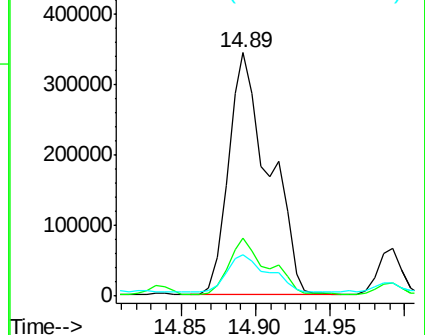
125 16.9 13.1 19.7

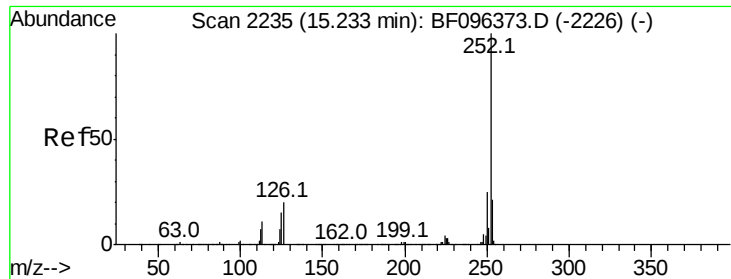


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 16.80 ng

RT: 15.23 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BF096389.D

Acq: 1 Jul 2017 20:04

Instrument :

BNA_F

ClientSampleId :

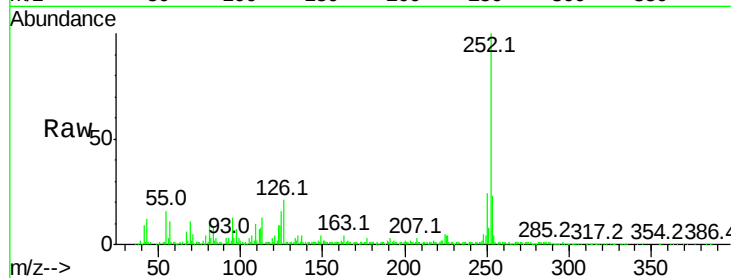
Tot Ion:252 Resp: 219782

Ion Ratio Lower Upper

252 100

253 23.2 17.5 26.3

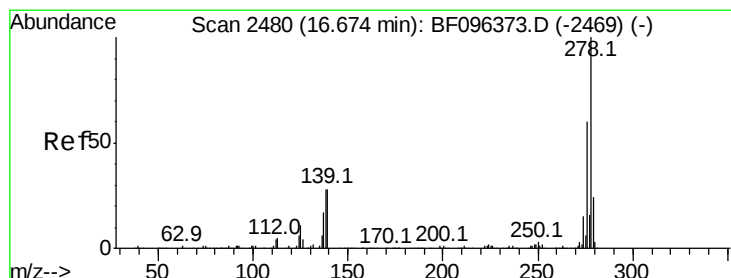
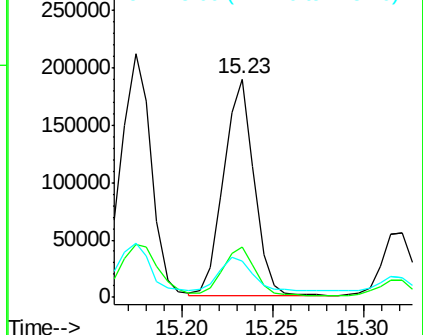
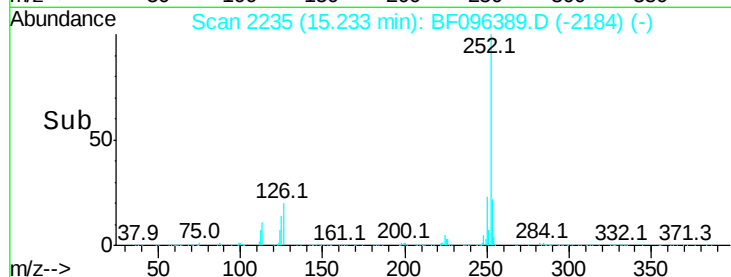
125 16.4 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 3.72 ng

RT: 16.67 min Scan# 2479

Delta R.T. -0.01 min

Lab File: BF096389.D

Acq: 1 Jul 2017 20:04

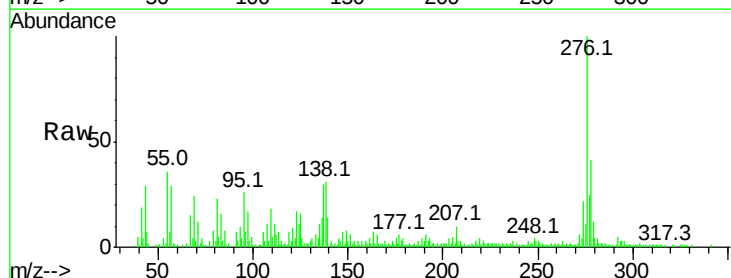
Tgt Ion:278 Resp: 38259

Ion Ratio Lower Upper

278 100

139 33.0 16.6 24.8#

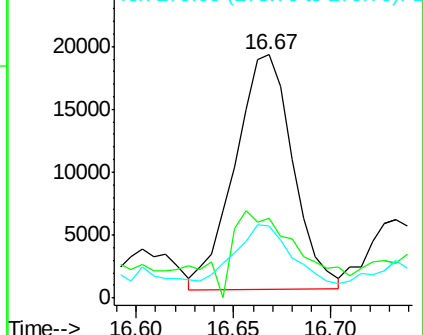
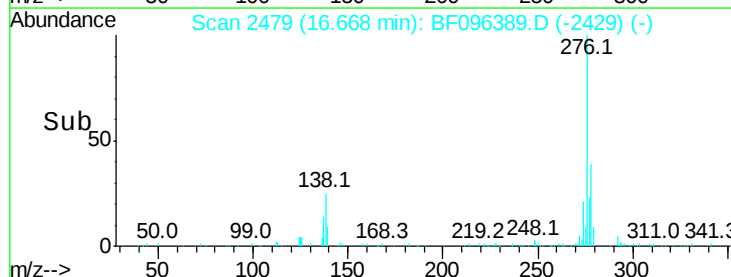
279 29.6 19.3 28.9#

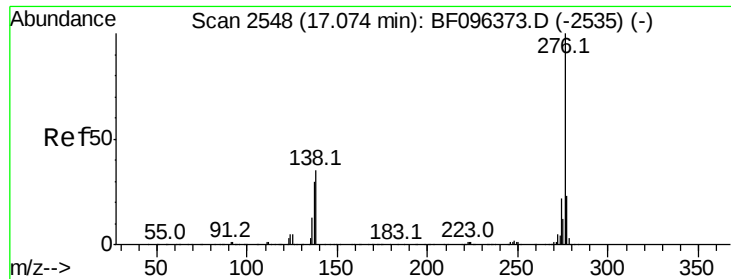


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 11.00 ng

RT: 17.07 min Scan# 2547

Delta R.T. -0.01 min

Lab File: BF096389.D

Acq: 1 Jul 2017 20:04

Instrument :

BNA_F

ClientSampleId :

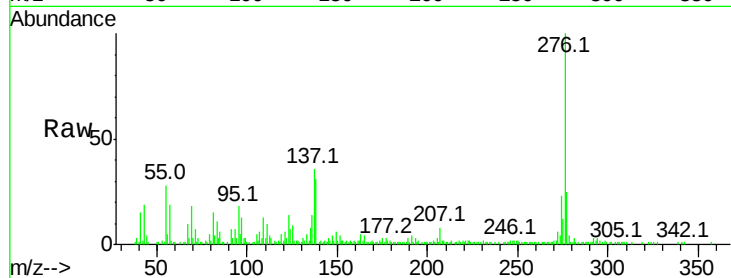
Tot Ion:276 Resp: 117332

Ion Ratio Lower Upper

276 100

277 25.1 18.6 28.0

138 30.8 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

