

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
 Data File : BF093787.D
 Acq On : 21 Mar 2017 1:49
 Operator : SJ/MA
 Sample : I2280-01MSD 50X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CTMIX-1MSD

Quant Time: Mar 21 02:21:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 16:03:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	230226	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	875863	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	383833	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	588301	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	381378	20.00	ng	-0.02
86) Perylene-d12	15.39	264	343037	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	42896	3.26	ng	-0.02
7) Phenol-d6	6.45	99	53542	3.29	ng	-0.03
23) Nitrobenzene-d5	7.38	82	26995	1.75	ng	-0.02
41) 2,4,6-Tribromophenol	10.65	330	5434	1.83	ng	-0.02
44) 2-Fluorobiphenyl	9.19	172	60445	2.65	ng	-0.02
78) Terphenyl-d14	12.93	244	40418	2.16	ng	-0.02

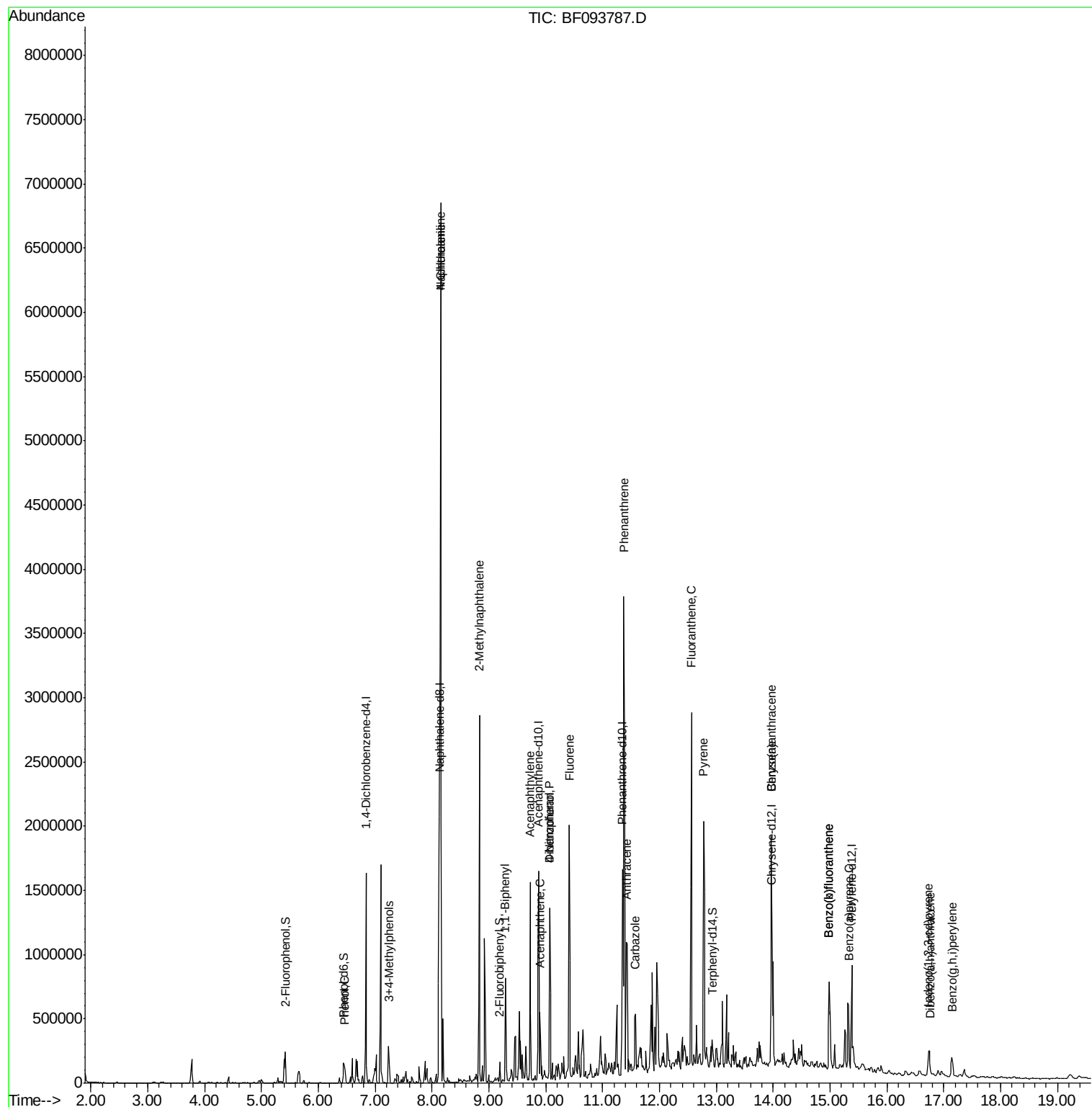
Target Compounds				Qvalue		
10) Phenol	6.47	94	46847	2.56	ng	83
20) 3+4-Methylphenols	7.24	107	43405	2.88	ng	# 82
31) Naphthalene	8.15	128	4187202	103.00	ng	97
33) 4-Chloroaniline	8.15	127	599521	34.32	ng	# 32
37) 2-Methylnaphthalene	8.84	142	748913	28.22	ng	98
45) 1,1'-Biphenyl	9.29	154	222963	7.15	ng	96
48) Acenaphthylene	9.73	152	664326	17.07	ng	98
51) Acenaphthene	9.90	154	136105	5.85	ng	99
54) Dibenzofuran	10.07	168	593150	18.96	ng	95
55) 4-Nitrophenol	10.07	139	222014	41.06	ng	# 27
57) Fluorene	10.41	166	640388	26.73	ng	99
70) Phenanthrene	11.37	178	1996468	63.72	ng	99
71) Anthracene	11.43	178	631214	19.57	ng	98
72) Carbazole	11.58	167	278647	8.73	ng	# 96
74) Fluoranthene	12.56	202	1261768	39.18	ng	97
77) Pyrene	12.78	202	1030563	32.47	ng	99
80) Benzo(a)anthracene	13.97	228	510265	21.36	ng	# 89
82) Chrysene	13.97	228	510265	21.38	ng	# 91
85) Indeno(1,2,3-cd)pyrene	16.73	276	123545	6.32	ng	97
87) Benzo(b)fluoranthene	14.99	252	498112	21.54	ng	97
88) Benzo(k)fluoranthene	14.99	252	498112	29.17	ng	96
89) Benzo(a)pyrene	15.33	252	295031	15.73	ng	97
90) Dibenzo(a,h)anthracene	16.76	278	47264	3.04	ng	95
91) Benzo(g,h,i)perylene	17.15	276	109757	7.10	ng	98

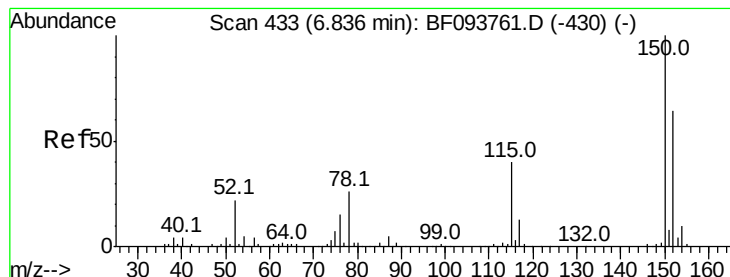
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF093787.D

Acq: 21 Mar 2017 1:49

Instrument :

BNA_F

ClientSampleId :

CTMIX-1MSD

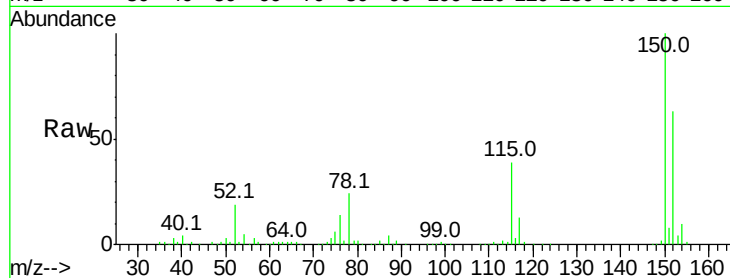
Tot Ion:152 Resp: 230226

Ion Ratio Lower Upper

152 100

150 159.7 126.2 189.2

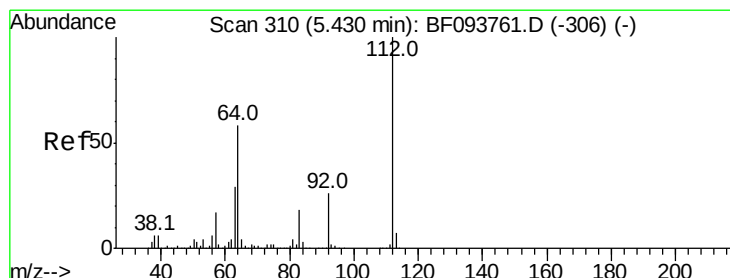
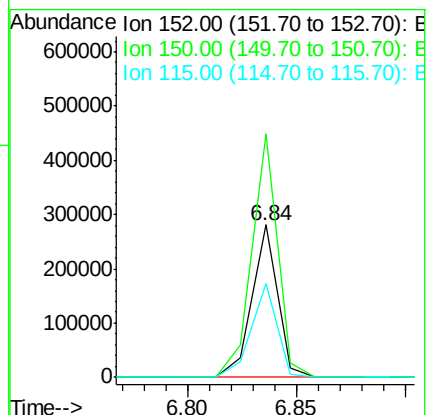
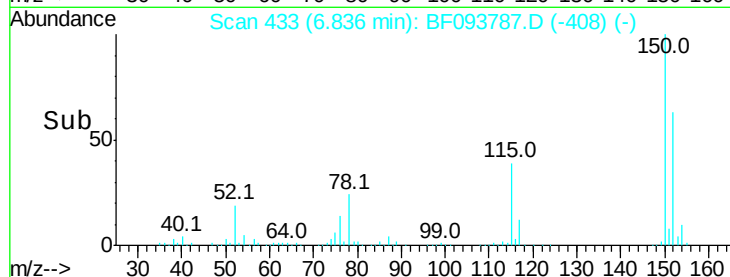
115 61.9 52.2 78.2



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: 3.26 ng

RT: 5.42 min Scan# 309

Delta R.T. -0.02 min

Lab File: BF093787.D

Acq: 21 Mar 2017 1:49

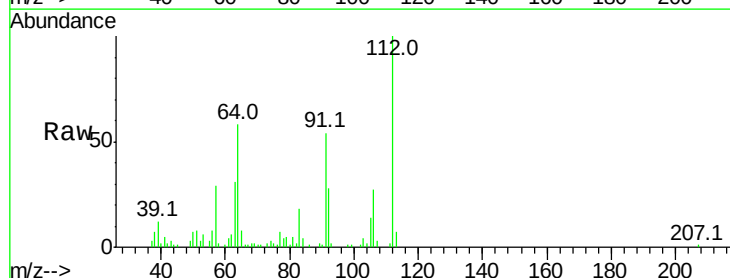
Tgt Ion:112 Resp: 42896

Ion Ratio Lower Upper

112 100

64 58.2 46.0 69.0

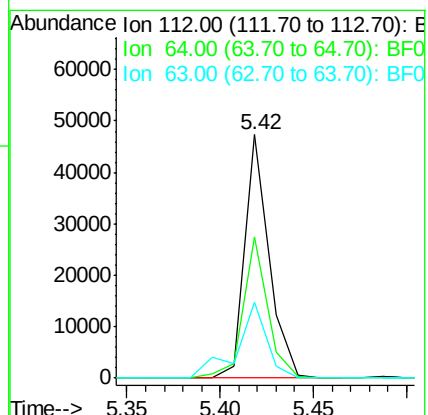
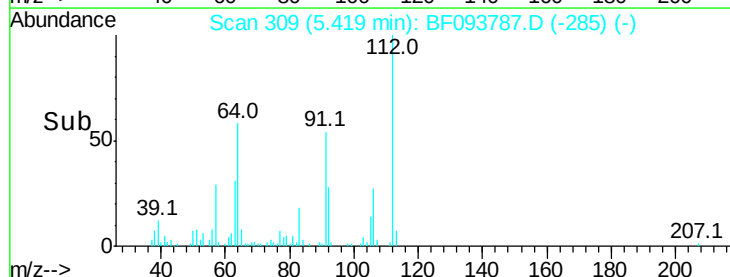
63 31.3 23.4 35.0

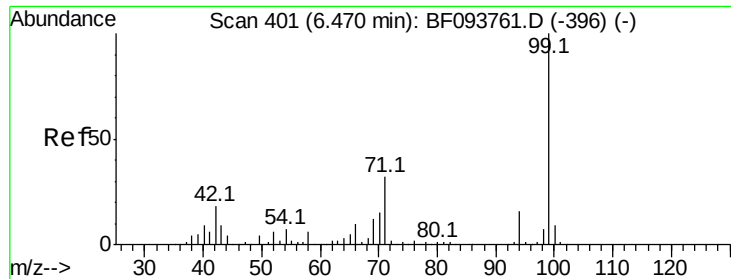


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 3.29 ng

RT: 6.45 min Scan# 399

Delta R.T. -0.03 min

Lab File: BF093787.D

Acq: 21 Mar 2017 1:49

Instrument :

BNA_F

ClientSampleId :

CTMIX-1MSD

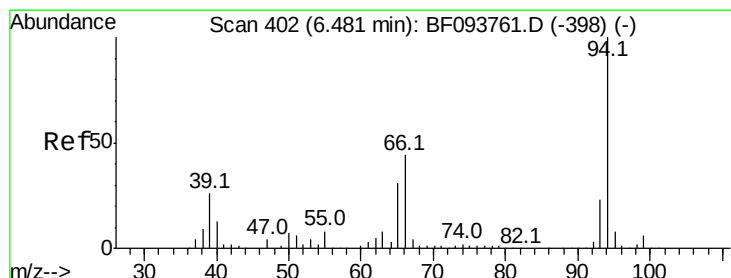
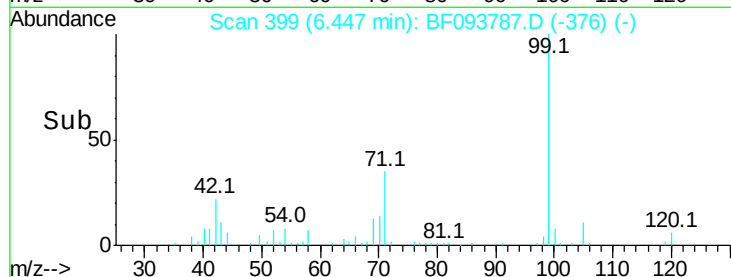
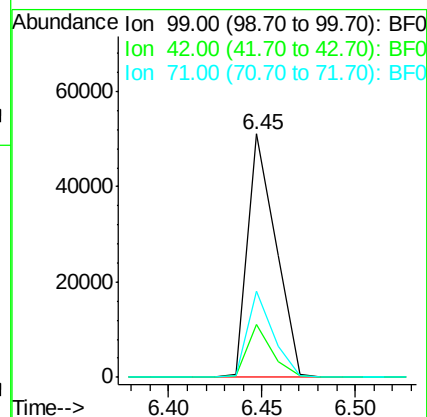
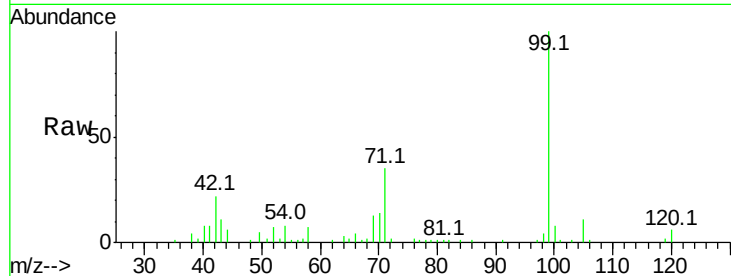
Tot Ion: 99 Resp: 53542

Ion Ratio Lower Upper

99 100

42 21.5 13.5 20.3#

71 35.4 24.5 36.7



#10

Phenol

Concen: 2.56 ng

RT: 6.47 min Scan# 401

Delta R.T. -0.02 min

Lab File: BF093787.D

Acq: 21 Mar 2017 1:49

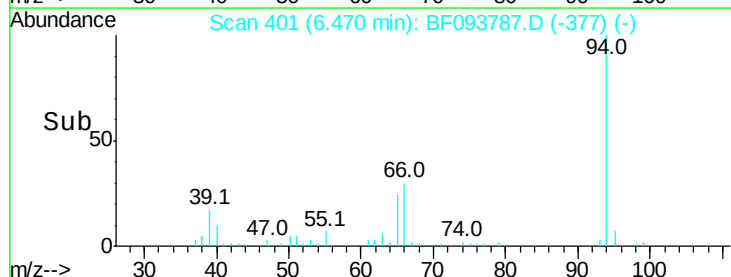
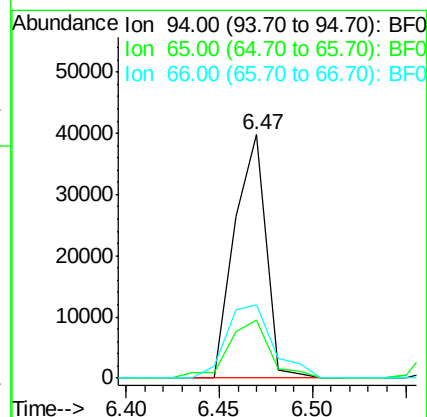
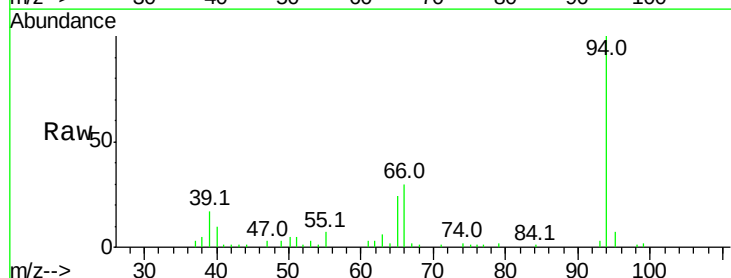
Tgt Ion: 94 Resp: 46847

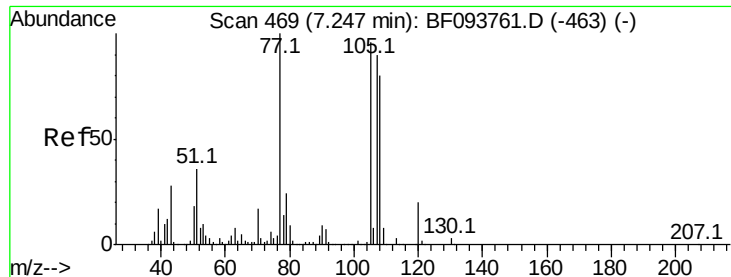
Ion Ratio Lower Upper

94 100

65 23.7 9.9 49.9

66 29.9 23.1 63.1





#20

3+4-Methylphenols

Concen: 2.88 ng

RT: 7.24 min Scan# 468

Delta R.T. -0.02 min

Lab File: BF093787.D

Acq: 21 Mar 2017 1:49

Instrument :

BNA_F

ClientSampleId :

CTMIX-1MSD

Tot Ion:107 Resp: 43405

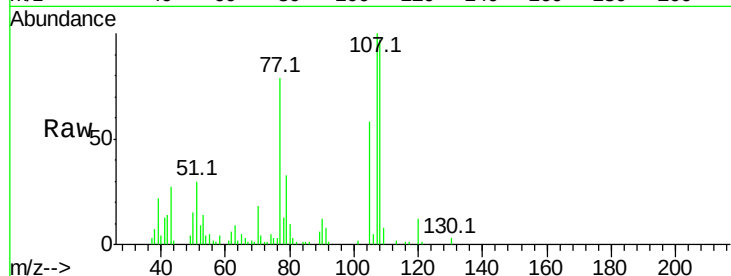
Ion Ratio Lower Upper

107 100

108 96.9 71.0 111.0

77 78.7 90.5 130.5#

79 33.1 8.4 48.4

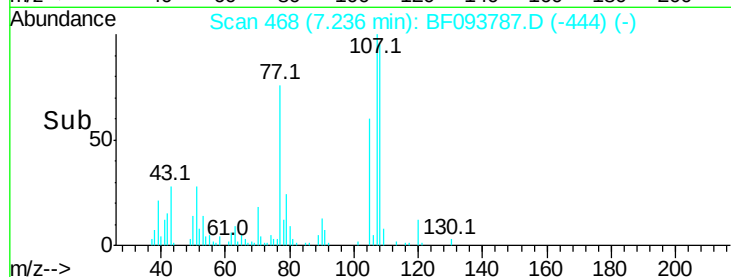


Abundance Ion 107.00 (106.70 to 107.70): E

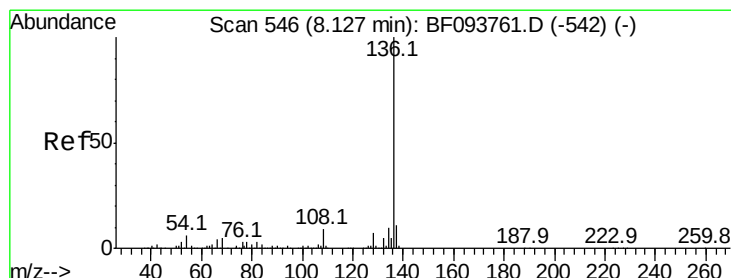
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF093787.D

Acq: 21 Mar 2017 1:49

Tgt Ion:136 Resp: 875863

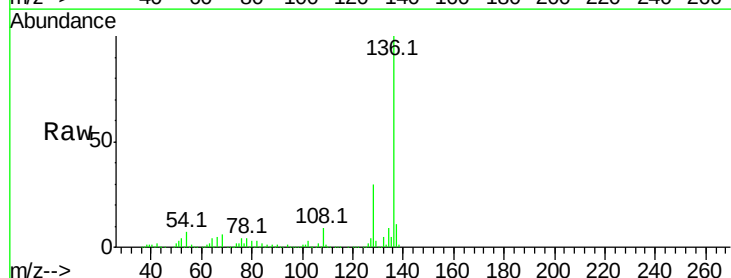
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 6.9 4.9 7.3

68 5.9 4.1 6.1

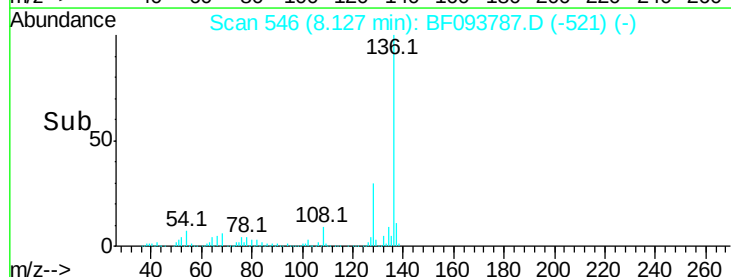


Abundance Ion 136.00 (135.70 to 136.70): E

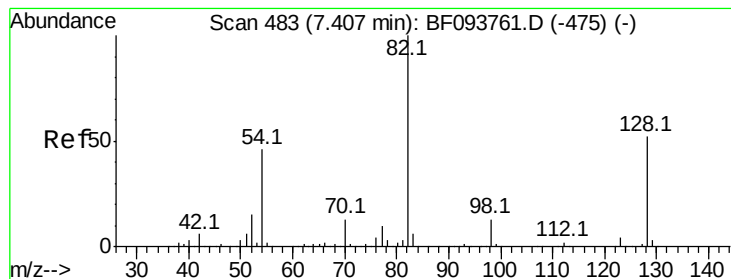
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 1.75 ng

RT: 7.38 min Scan# 481

Delta R.T. -0.02 min

Lab File: BF093787.D

Acq: 21 Mar 2017 1:49

Instrument :

BNA_F

ClientSampleId :

CTMIX-1MSD

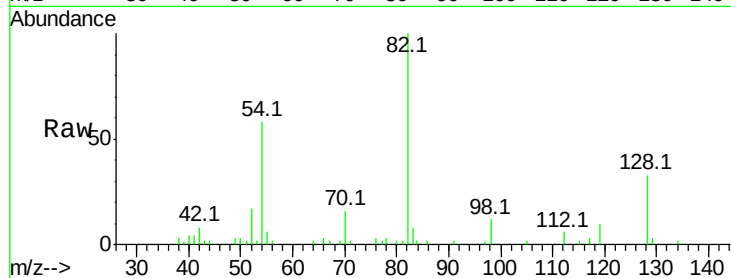
Tot Ion: 82 Resp: 26995

Ion Ratio Lower Upper

82 100

128 32.9 34.0 51.0#

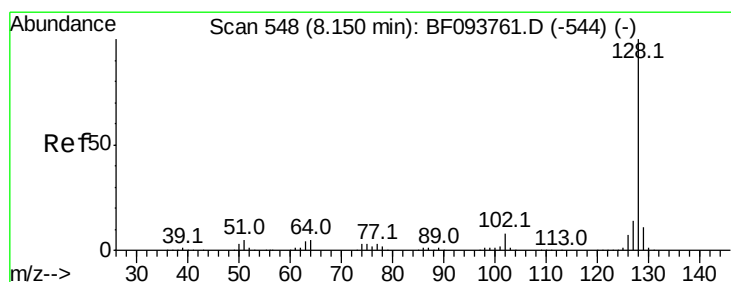
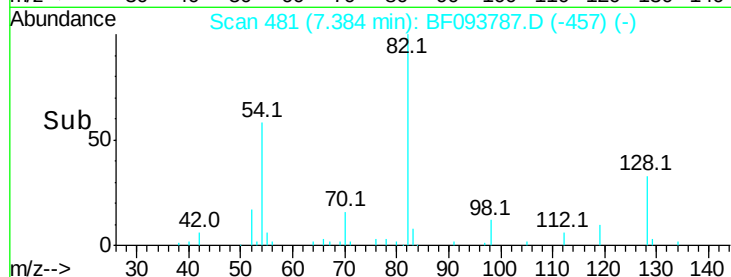
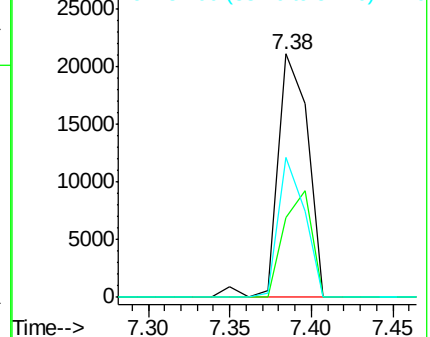
54 57.6 42.2 63.2



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



#31

Naphthalene

Concen: 103.00 ng

RT: 8.15 min Scan# 548

Delta R.T. -0.01 min

Lab File: BF093787.D

Acq: 21 Mar 2017 1:49

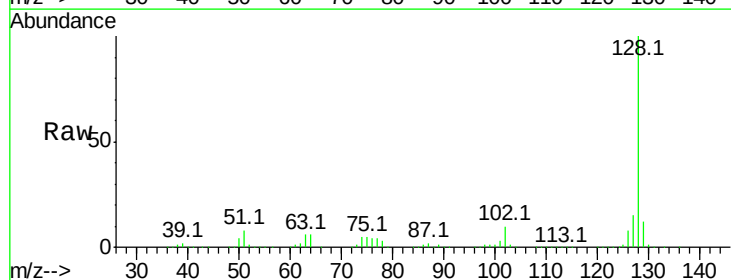
Tgt Ion:128 Resp: 4187202

Ion Ratio Lower Upper

128 100

129 12.4 9.0 13.6

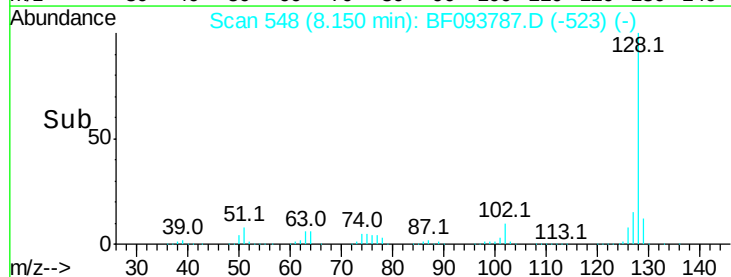
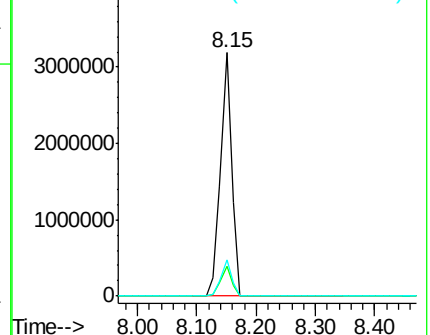
127 14.7 10.8 16.2

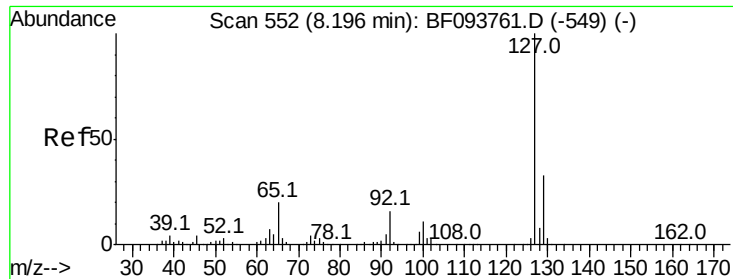


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

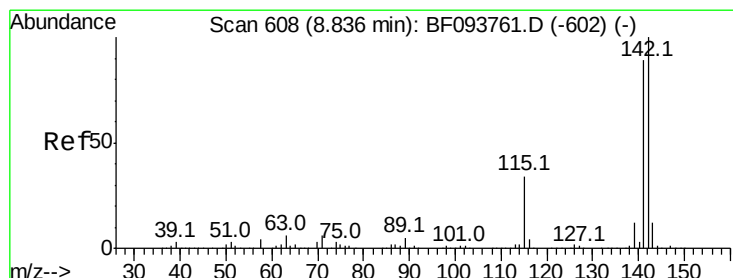
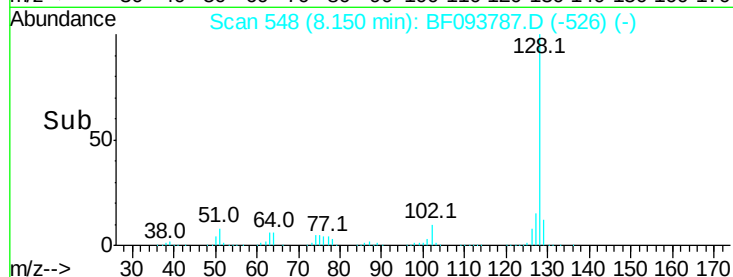
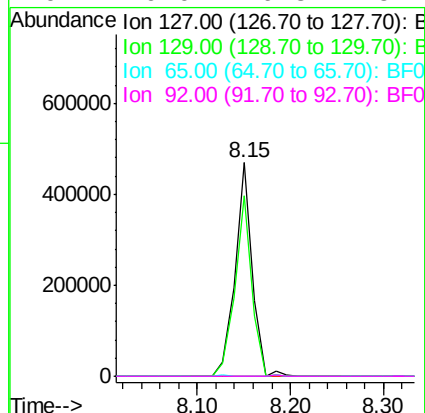
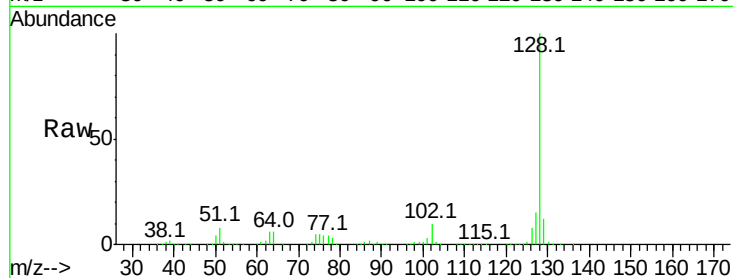




#33
4-Chloroaniline
Concen: 34.32 ng
RT: 8.15 min Scan# 548
Delta R.T. -0.05 min
Lab File: BF093787.D
Acq: 21 Mar 2017 1:49

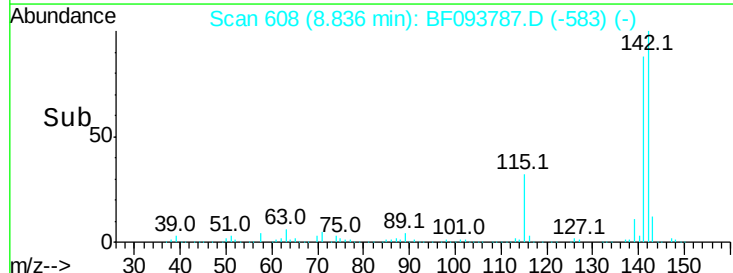
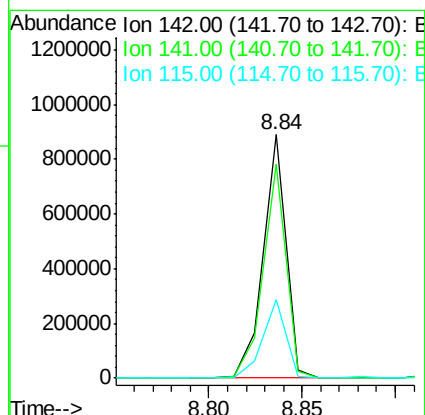
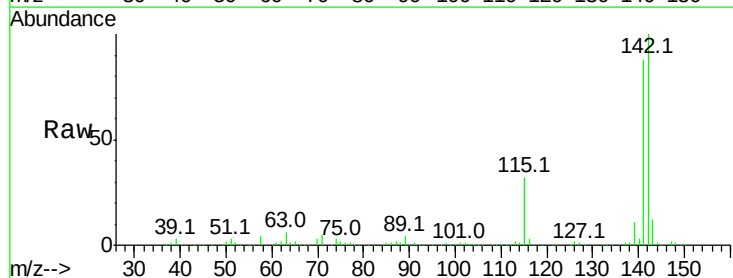
Instrument :
BNA_F
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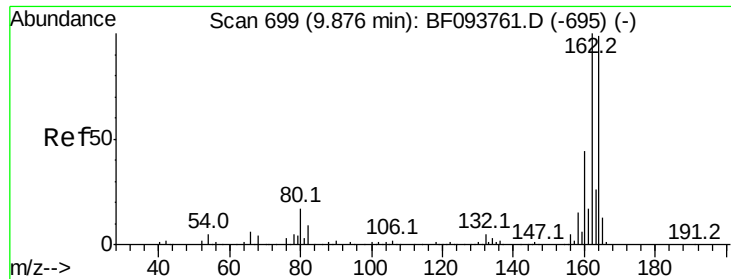
Tot Ion:	127	Resp:	599521
Ion	Ratio	Lower	Upper
127	100		
129	84.5	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#



#37
2-Methylnaphthalene
Concen: 28.22 ng
RT: 8.84 min Scan# 608
Delta R.T. -0.01 min
Lab File: BF093787.D
Acq: 21 Mar 2017 1:49

Tgt Ion:	142	Resp:	748913
Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.3	106.9
115	32.2	27.1	40.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF093787.D

Acq: 21 Mar 2017 1:49

Instrument :

BNA_F

ClientSampleId :

CTMIX-1MSD

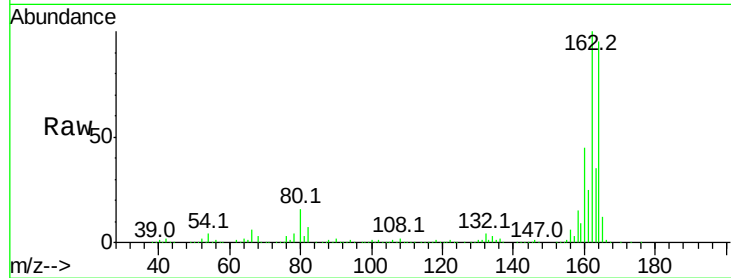
Tot Ion:164 Resp: 383833

Ion Ratio Lower Upper

164 100

162 105.5 82.6 123.8

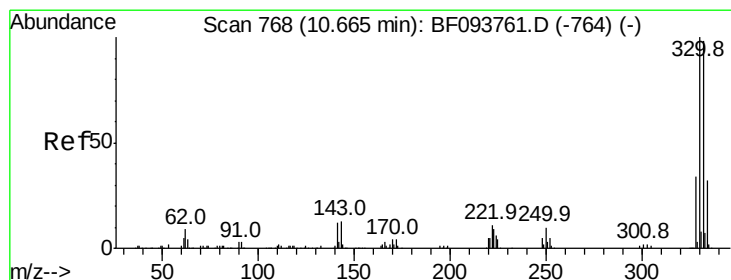
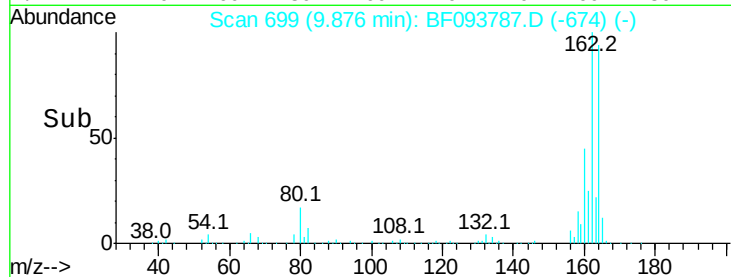
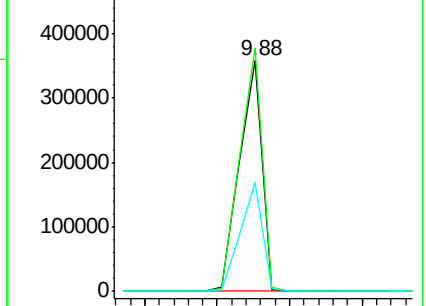
160 47.3 36.2 54.2



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: 1.83 ng

RT: 10.65 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF093787.D

Acq: 21 Mar 2017 1:49

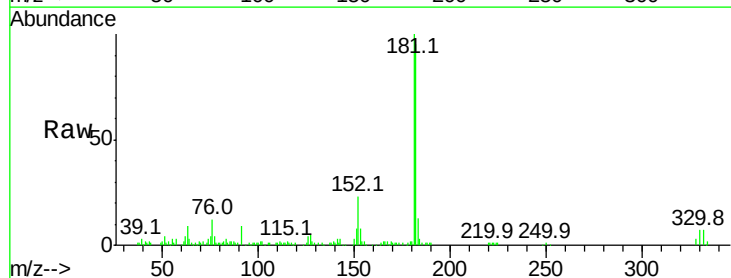
Tgt Ion:330 Resp: 5434

Ion Ratio Lower Upper

330 100

332 100.0 76.6 115.0

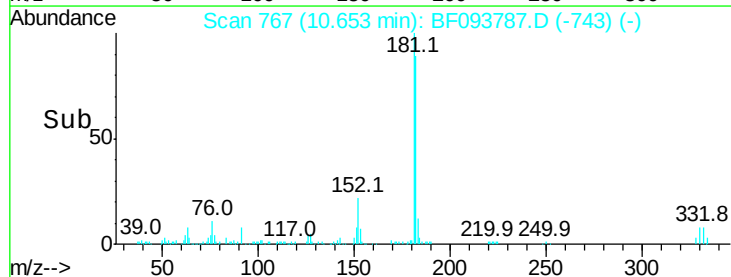
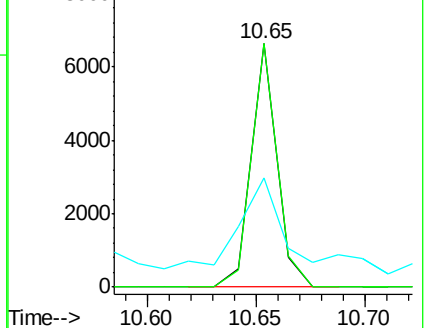
141 80.3 31.4 47.2#

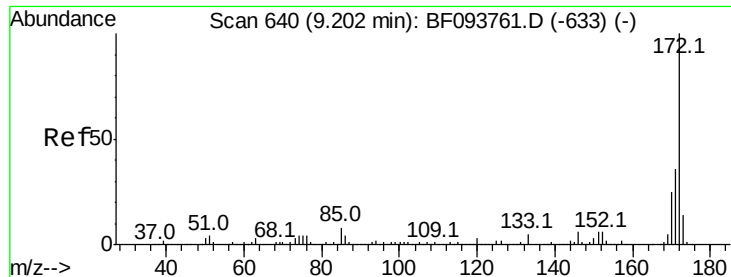


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

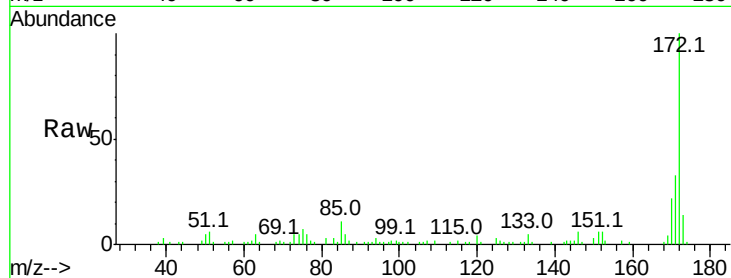




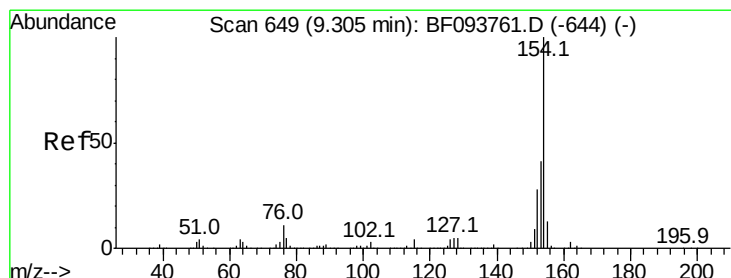
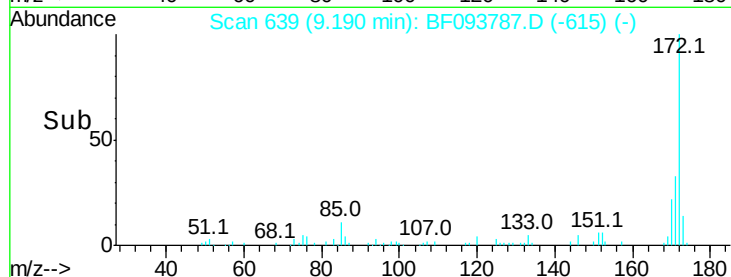
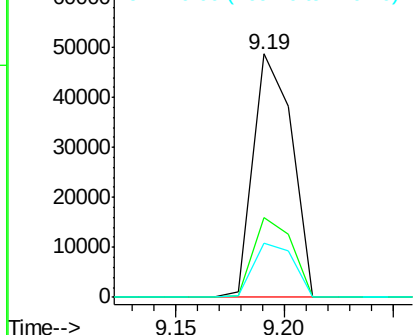
#44
 2-Fluorobiphenyl
 Concen: 2.65 ng
 RT: 9.19 min Scan# 639
 Delta R.T. -0.02 min
 Lab File: BF093787.D
 Acq: 21 Mar 2017 1:49

Instrument :
 BNA_F
 ClientSampleId :
 CTMIX-1MSD

Tot Ion:172 Resp: 60445
 Ion Ratio Lower Upper
 172 100
 171 32.6 29.6 44.4
 170 22.3 19.8 29.8

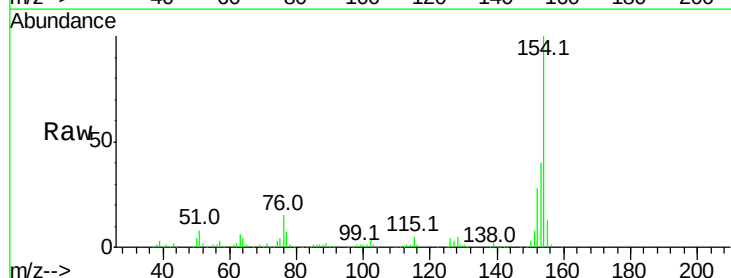


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

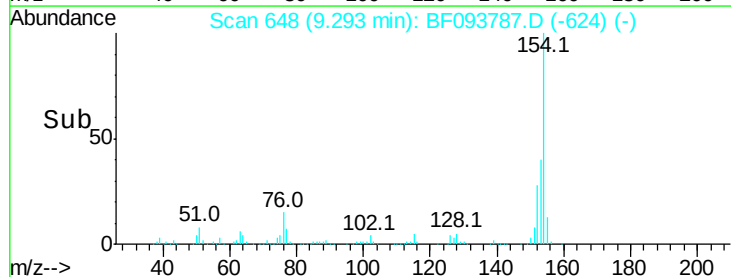
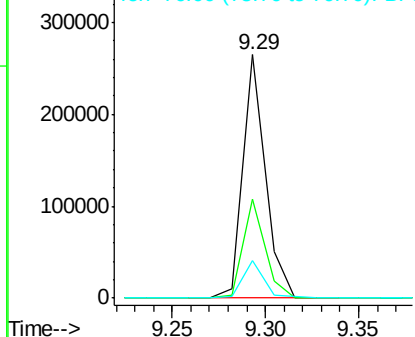


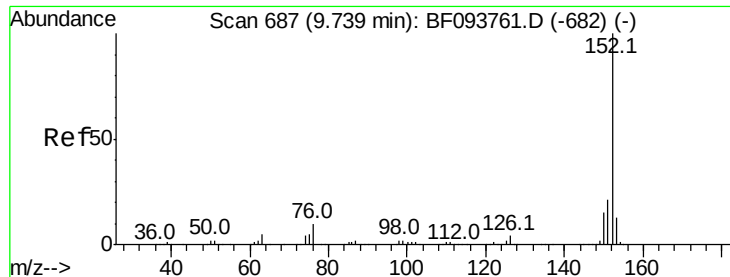
#45
 1,1'-Biphenyl
 Concen: 7.15 ng
 RT: 9.29 min Scan# 648
 Delta R.T. -0.02 min
 Lab File: BF093787.D
 Acq: 21 Mar 2017 1:49

Tgt Ion:154 Resp: 222963
 Ion Ratio Lower Upper
 154 100
 153 40.4 21.2 61.2
 76 15.3 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

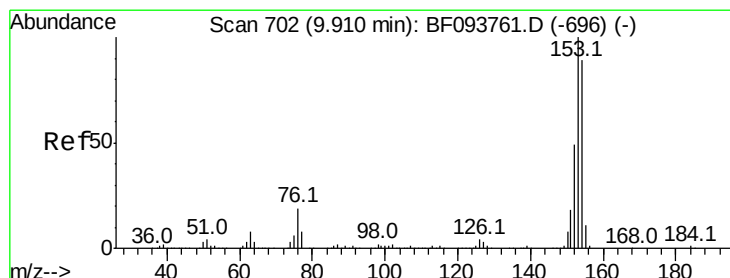
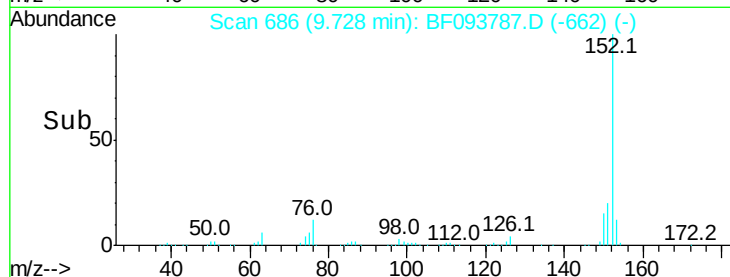
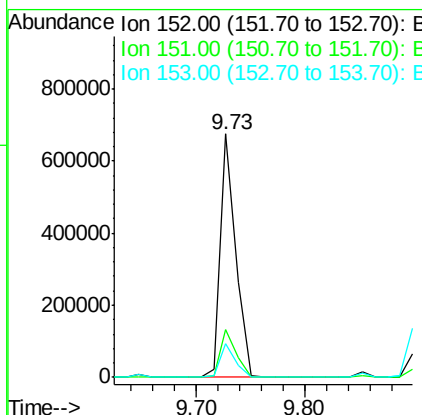
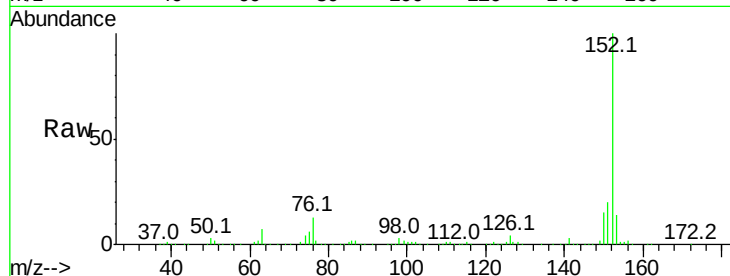




#48
Acenaphthylene
Concen: 17.07 ng
RT: 9.73 min Scan# 686
Delta R.T. -0.02 min
Lab File: BF093787.D
Acq: 21 Mar 2017 1:49

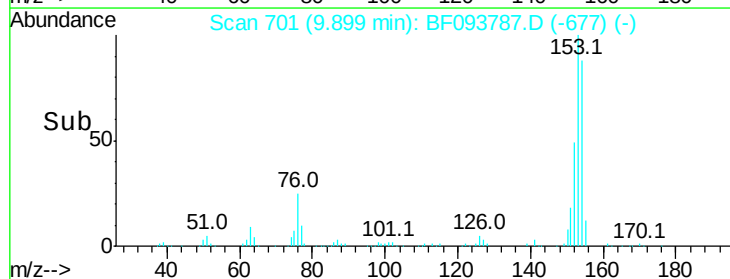
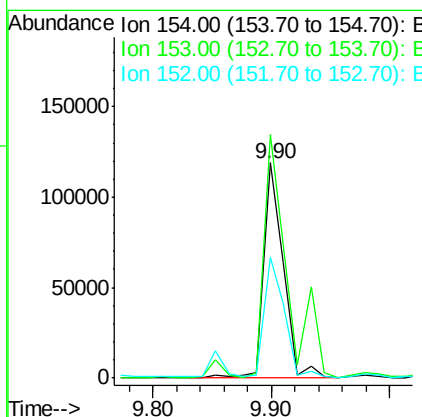
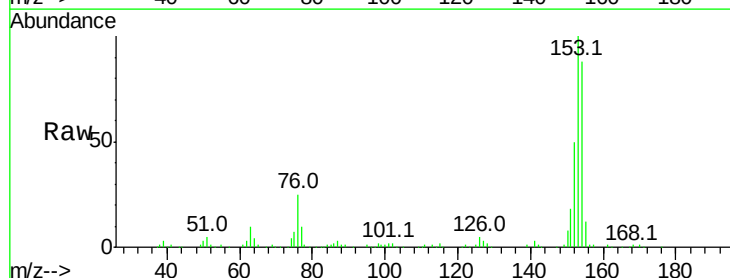
Instrument :
BNA_F
ClientSampleId :
CTMIX-1MSD

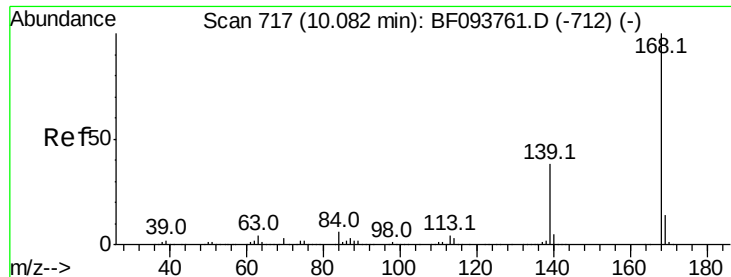
Tot Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.8	25.2
153	13.9	10.8	16.2



#51
Acenaphthene
Concen: 5.85 ng
RT: 9.90 min Scan# 701
Delta R.T. -0.02 min
Lab File: BF093787.D
Acq: 21 Mar 2017 1:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.1	90.5	135.7
152	56.0	43.6	65.4

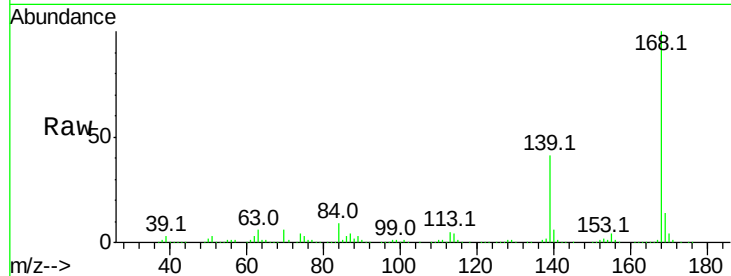




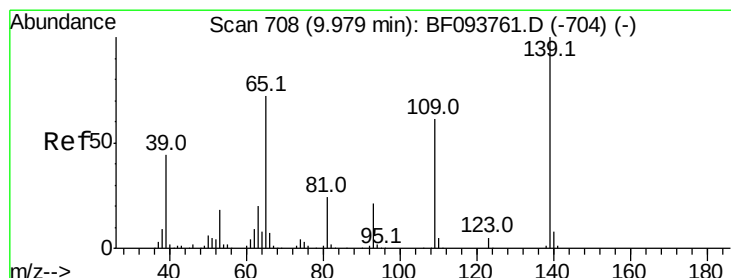
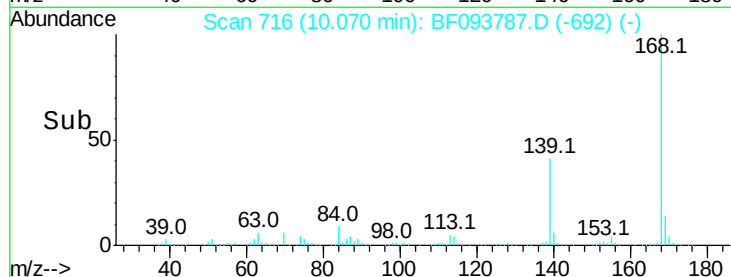
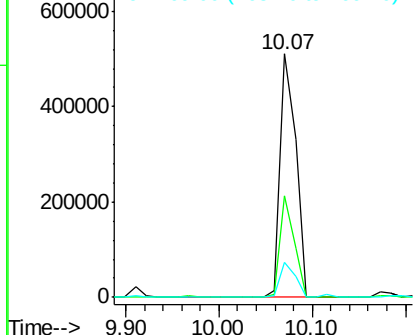
#54
Dibenzofuran
Concen: 18.96 ng
RT: 10.07 min Scan# 716
Delta R.T. -0.02 min
Lab File: BF093787.D
Acq: 21 Mar 2017 1:49

Instrument :
BNA_F
ClientSampleId :
CTMIX-1MSD

Tot Ion:168 Resp: 593150
Ion Ratio Lower Upper
168 100
139 41.5 30.6 45.8
169 14.3 10.8 16.2

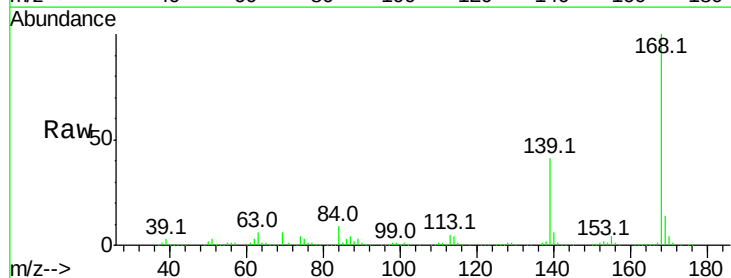


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

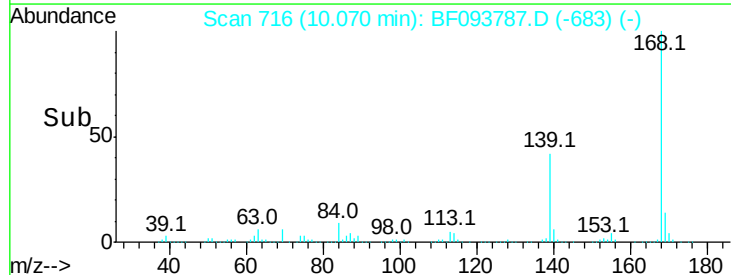
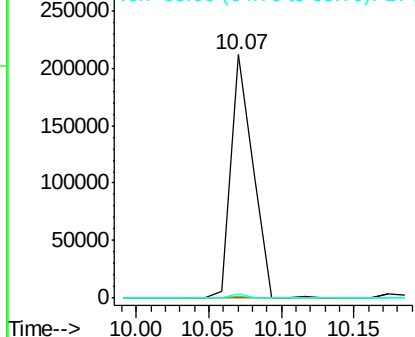


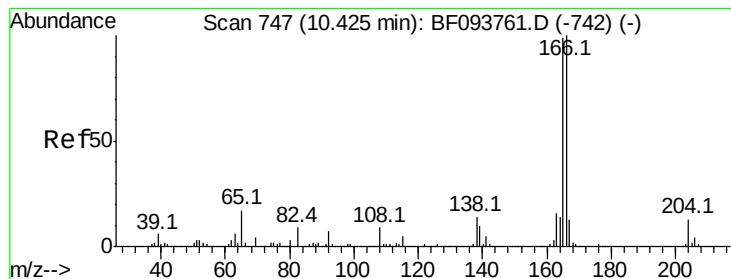
#55
4-Nitrophenol
Concen: 41.06 ng
RT: 10.07 min Scan# 716
Delta R.T. 0.08 min
Lab File: BF093787.D
Acq: 21 Mar 2017 1:49

Tgt Ion:139 Resp: 222014
Ion Ratio Lower Upper
139 100
109 0.9 34.1 74.1#
65 1.9 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#57

Fluorene

Concen: 26.73 ng

RT: 10.41 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF093787.D

Acq: 21 Mar 2017 1:49

Instrument :

BNA_F

ClientSampleId :

CTMIX-1MSD

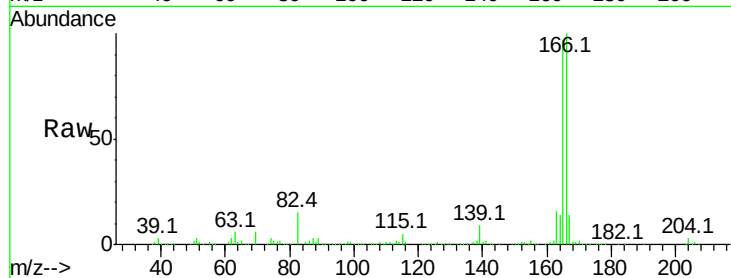
Tot Ion:166 Resp: 640388

Ion Ratio Lower Upper

166 100

165 97.5 78.8 118.2

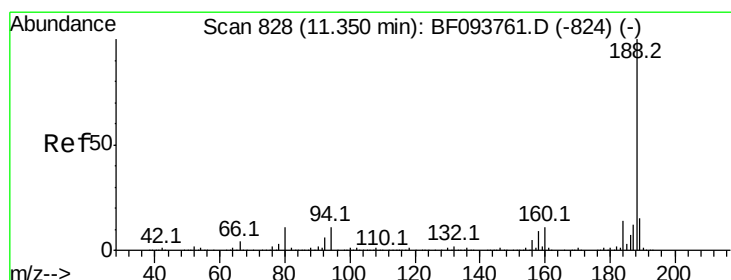
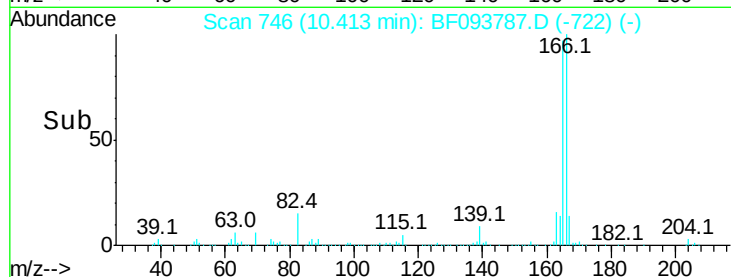
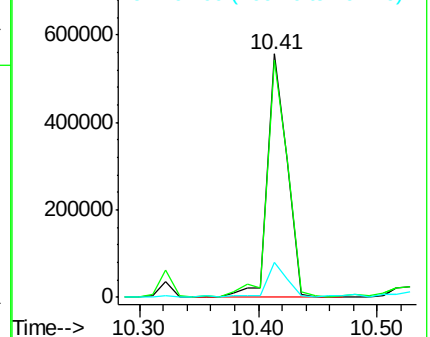
167 14.2 10.6 16.0



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: 11.35 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF093787.D

Acq: 21 Mar 2017 1:49

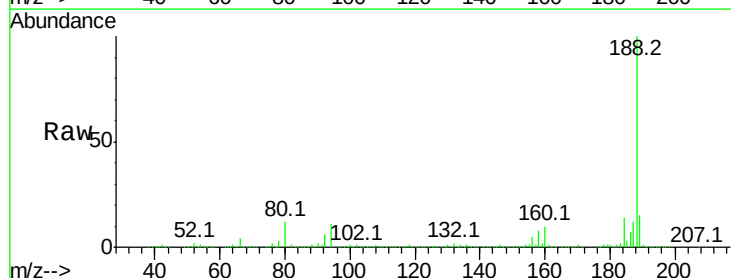
Tgt Ion:188 Resp: 588301

Ion Ratio Lower Upper

188 100

94 11.2 9.4 14.2

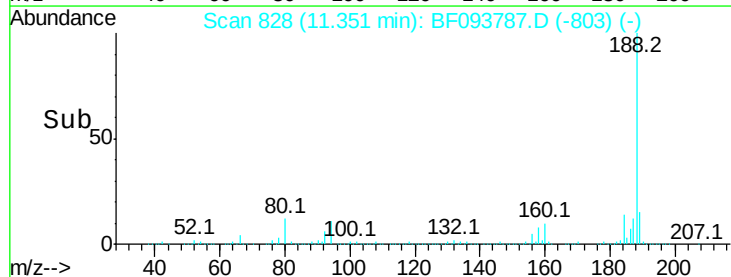
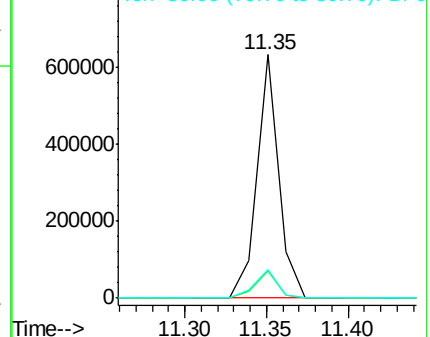
80 11.7 10.2 15.2

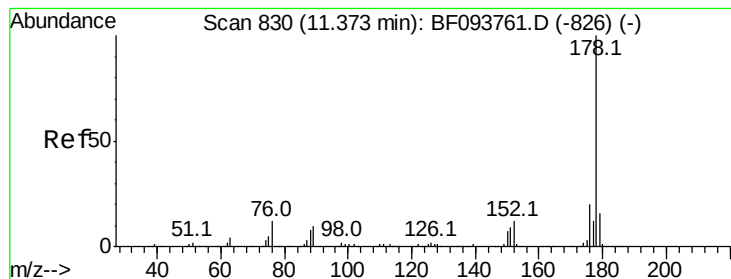


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 63.72 ng

RT: 11.37 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF093787.D

Acq: 21 Mar 2017 1:49

Instrument :

BNA_F

ClientSampleId :

CTMIX-1MSD

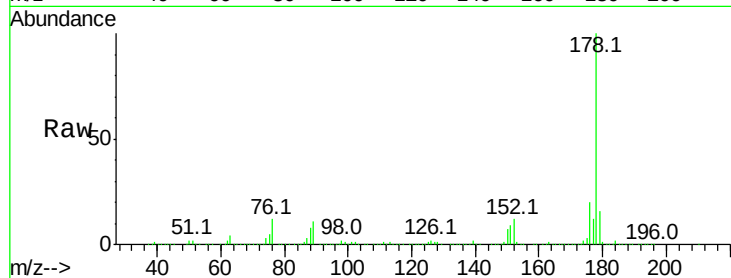
Tot Ion:178 Resp: 1996468

Ion Ratio Lower Upper

178 100

176 20.0 16.2 24.4

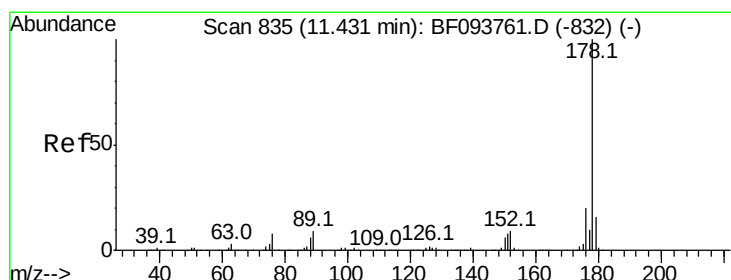
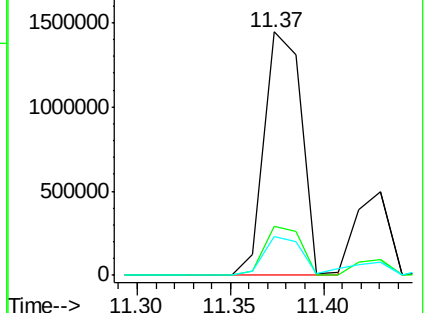
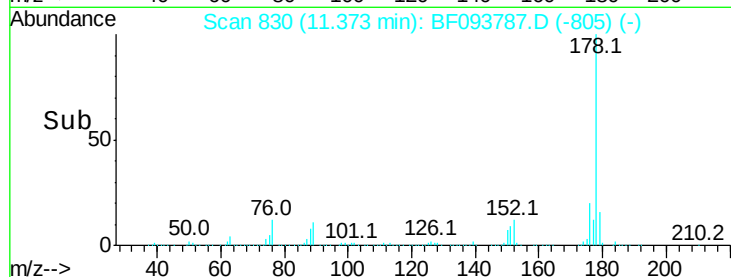
179 16.1 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 19.57 ng

RT: 11.43 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF093787.D

Acq: 21 Mar 2017 1:49

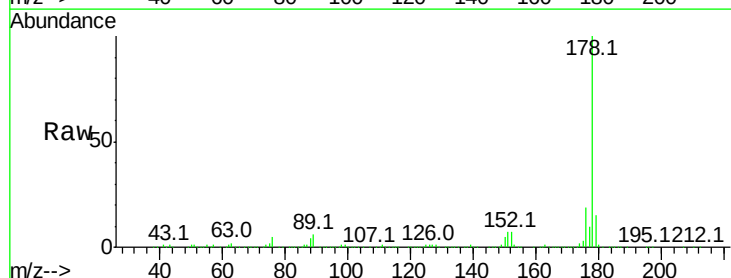
Tgt Ion:178 Resp: 631214

Ion Ratio Lower Upper

178 100

176 18.8 15.8 23.8

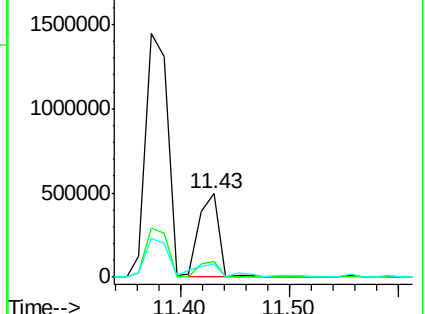
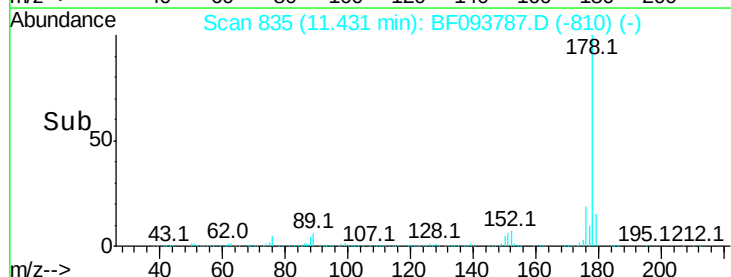
179 15.1 12.7 19.1

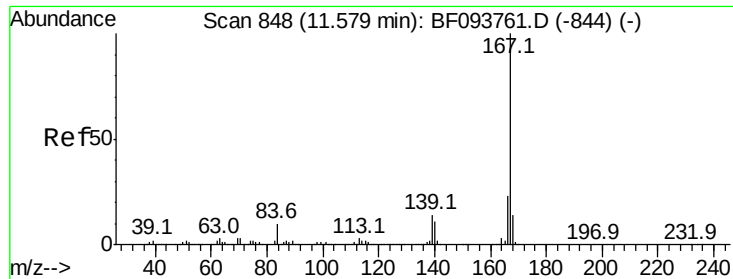


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 8.73 ng

RT: 11.58 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF093787.D

Acq: 21 Mar 2017 1:49

Instrument :

BNA_F

ClientSampleId :

CTMIX-1MSD

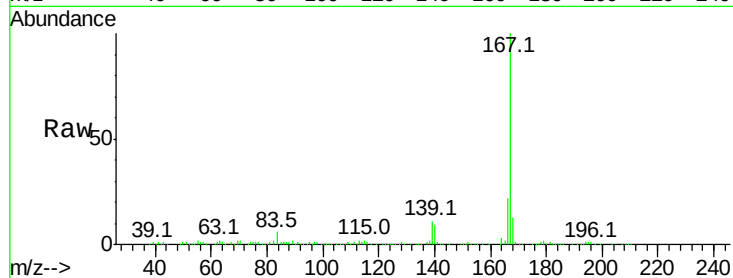
Tot Ion:167 Resp: 278647

Ion Ratio Lower Upper

167 100

166 22.0 18.1 27.1

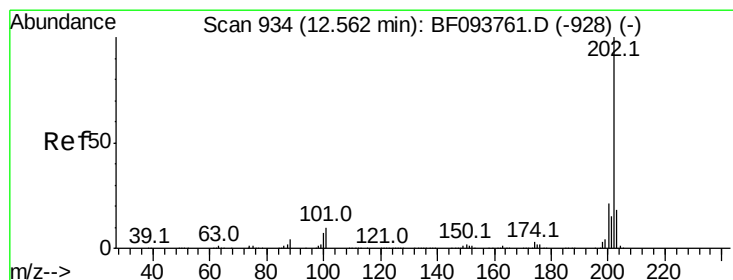
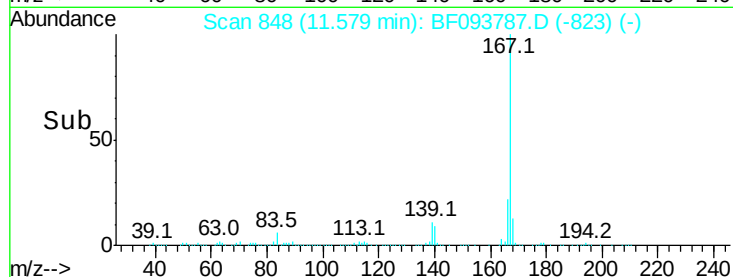
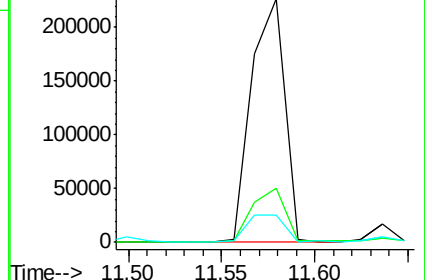
139 11.3 11.7 17.5#



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: 39.18 ng

RT: 12.56 min Scan# 934

Delta R.T. -0.01 min

Lab File: BF093787.D

Acq: 21 Mar 2017 1:49

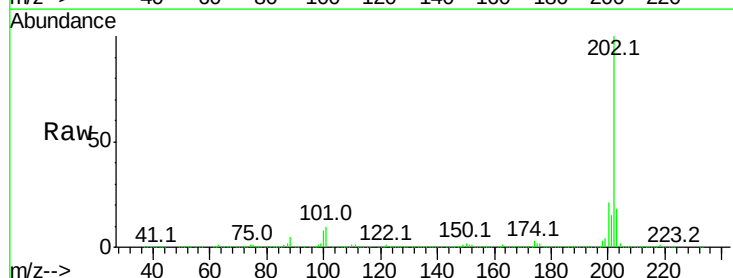
Tgt Ion:202 Resp: 1261768

Ion Ratio Lower Upper

202 100

101 10.4 0.0 33.2

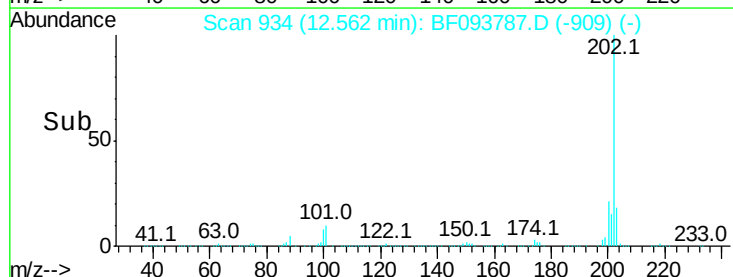
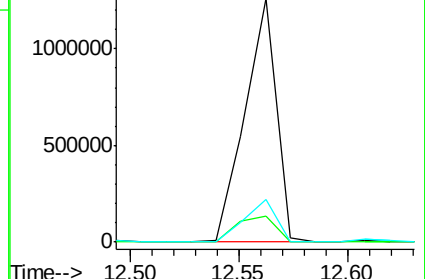
203 17.7 0.0 38.1

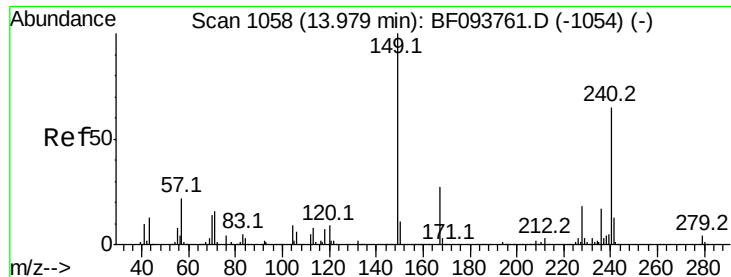


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.98 min Scan# 1058

Delta R.T. -0.02 min

Lab File: BF093787.D

Acq: 21 Mar 2017 1:49

Instrument :

BNA_F

ClientSampleId :

CTMIX-1MSD

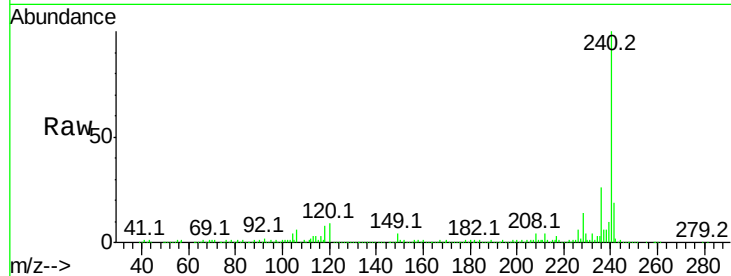
Tot Ion:240 Resp: 381378

Ion Ratio Lower Upper

240 100

120 9.2 5.8 8.8#

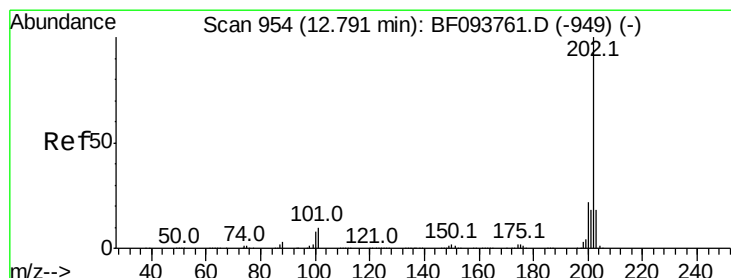
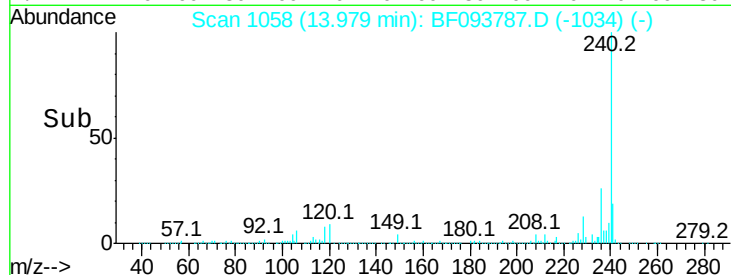
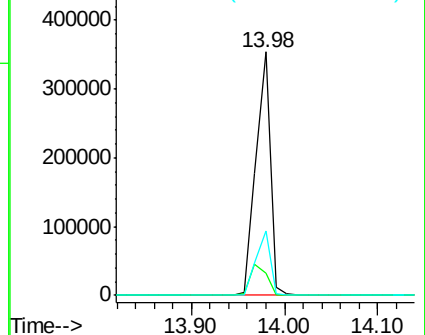
236 26.4 20.5 30.7



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

Pyrene

Concen: 32.47 ng

RT: 12.78 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF093787.D

Acq: 21 Mar 2017 1:49

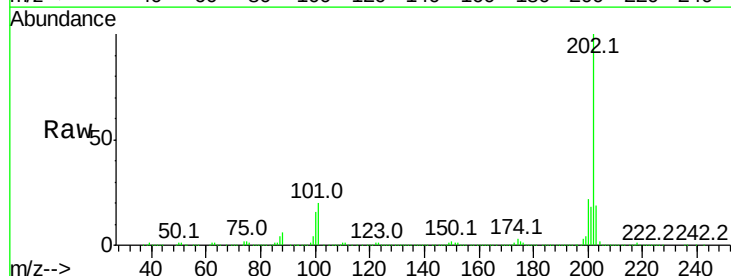
Tgt Ion:202 Resp: 1030563

Ion Ratio Lower Upper

202 100

200 22.0 17.6 26.4

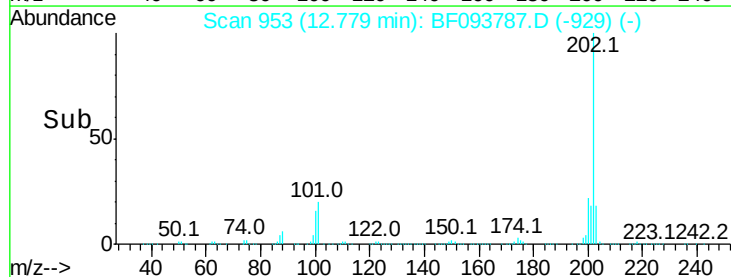
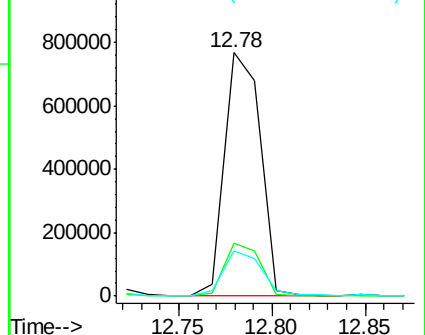
203 18.7 14.4 21.6

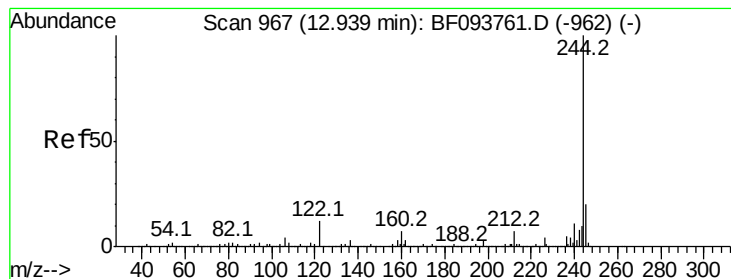


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 2.16 ng

RT: 12.93 min Scan# 966

Delta R.T. -0.02 min

Lab File: BF093787.D

Acq: 21 Mar 2017 1:49

Instrument :

BNA_F

ClientSampleId :

CTMIX-1MSD

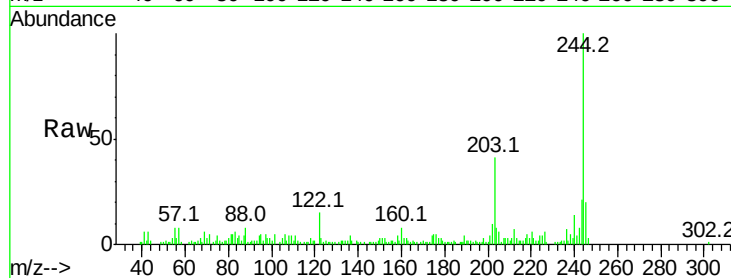
Tot Ion:244 Resp: 40418

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

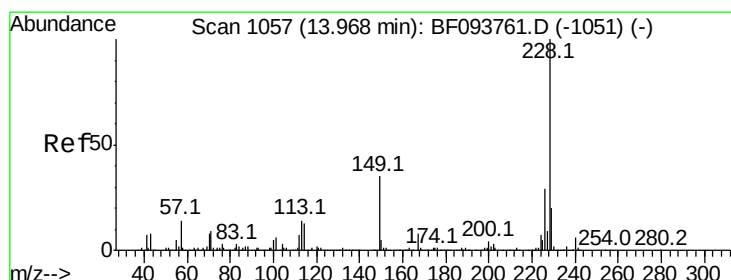
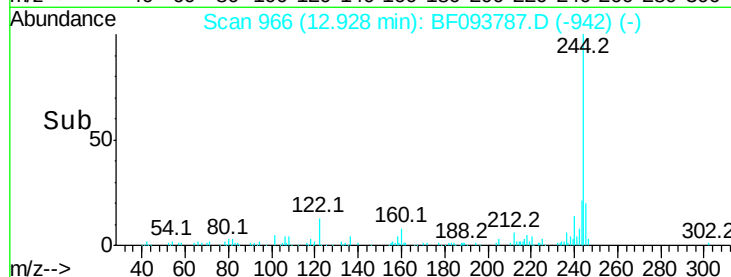
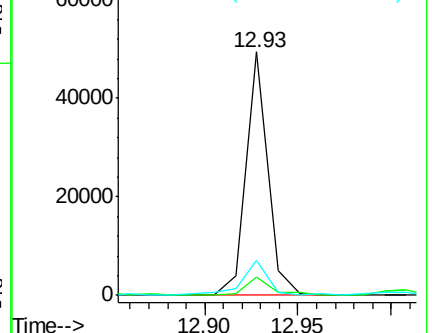
122 14.6 10.3 15.5



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: 21.36 ng

RT: 13.97 min Scan# 1057

Delta R.T. -0.01 min

Lab File: BF093787.D

Acq: 21 Mar 2017 1:49

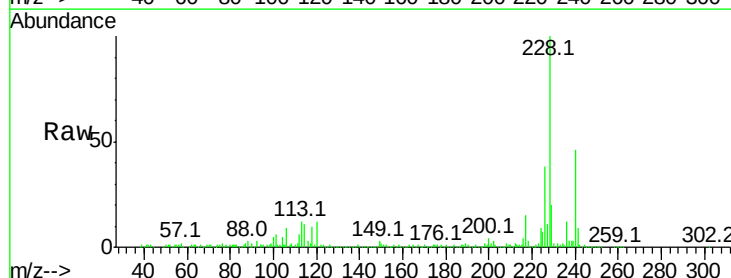
Tgt Ion:228 Resp: 510265

Ion Ratio Lower Upper

228 100

226 38.4 22.6 33.8#

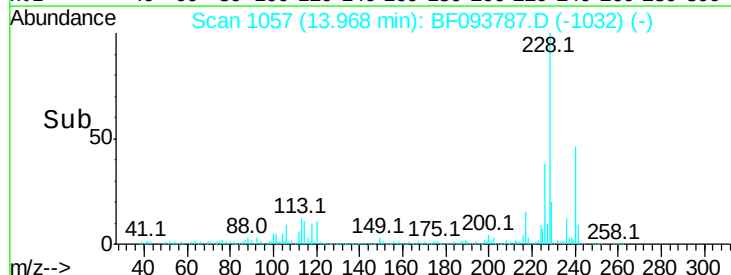
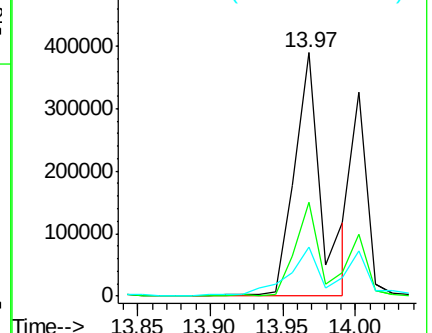
229 20.4 16.3 24.5

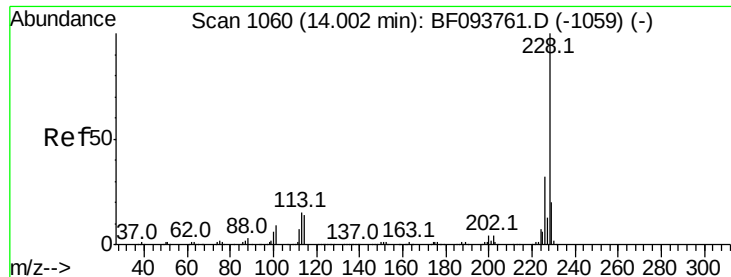


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 21.38 ng

RT: 13.97 min Scan# 1057

Delta R.T. -0.06 min

Lab File: BF093787.D

Acq: 21 Mar 2017 1:49

Instrument :

BNA_F

ClientSampleId :

CTMIX-1MSD

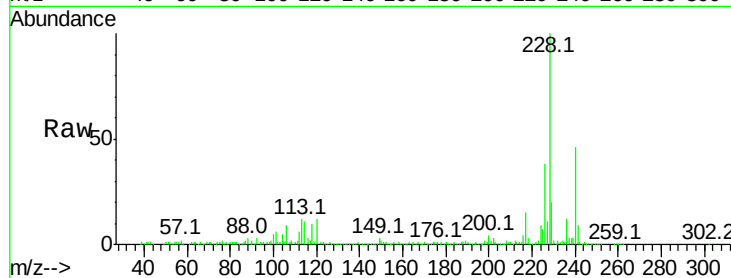
Tot Ion:228 Resp: 510265

Ion Ratio Lower Upper

228 100

226 38.4 24.9 37.3#

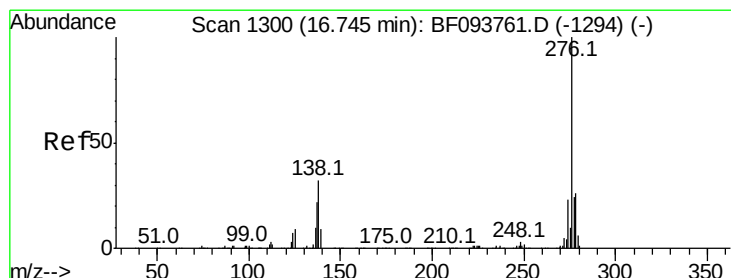
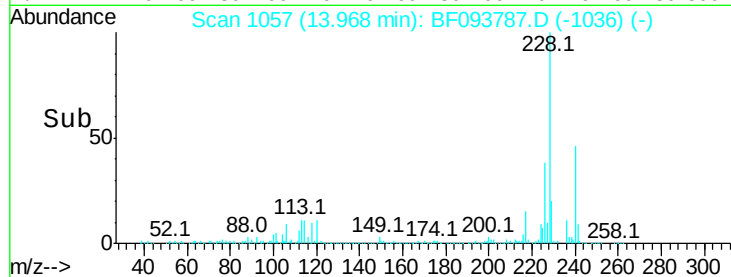
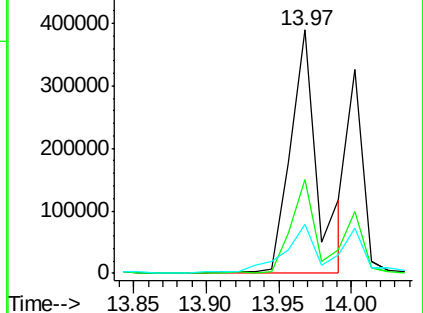
229 20.4 15.8 23.6



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: 6.32 ng

RT: 16.73 min Scan# 1299

Delta R.T. -0.05 min

Lab File: BF093787.D

Acq: 21 Mar 2017 1:49

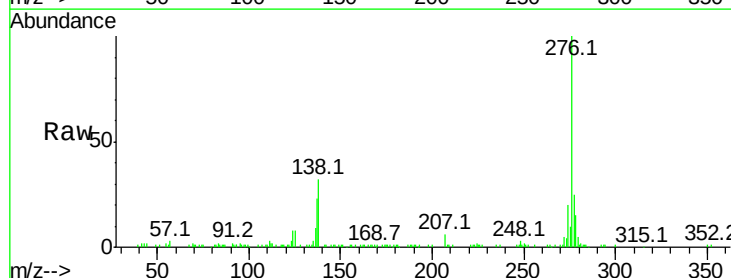
Tgt Ion:276 Resp: 123545

Ion Ratio Lower Upper

276 100

138 32.1 27.8 41.6

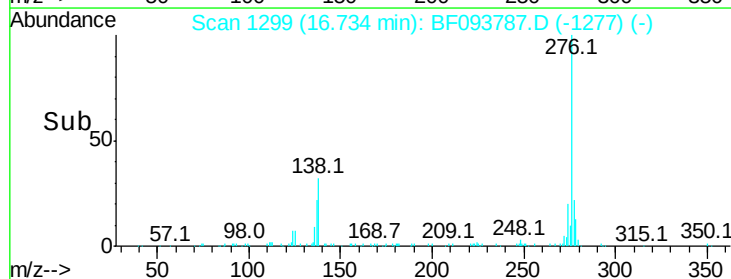
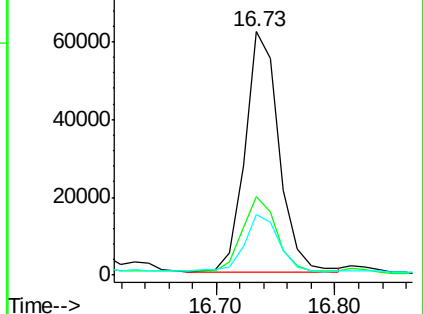
277 25.7 20.2 30.4

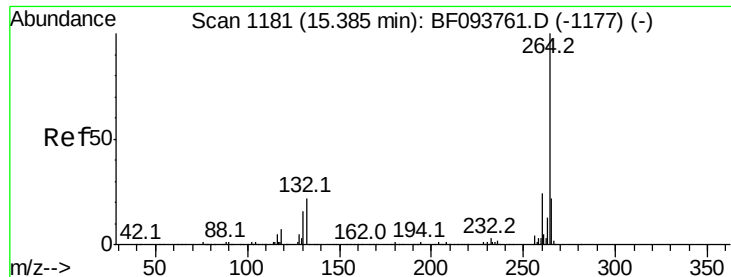


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

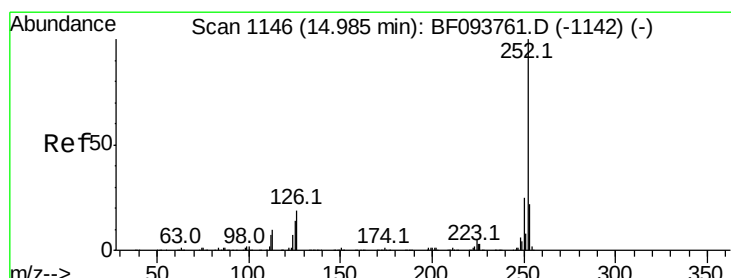
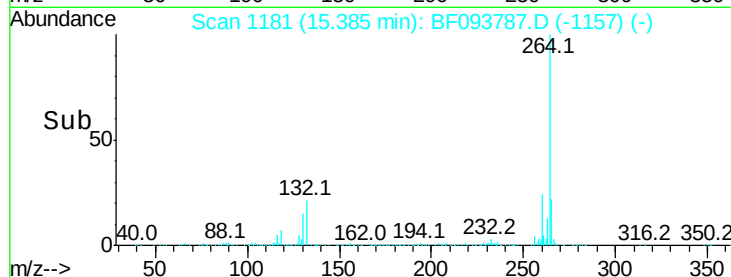
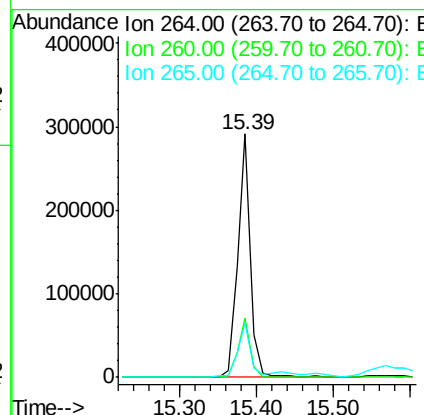
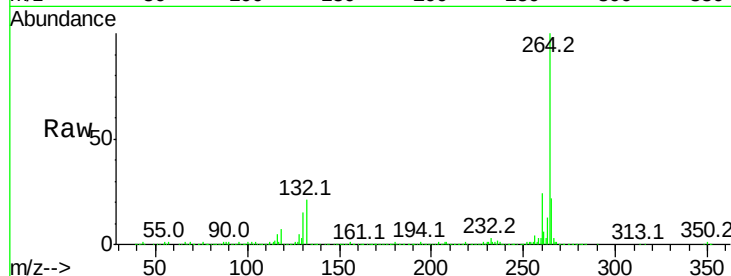




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BF093787.D
Acq: 21 Mar 2017 1:49

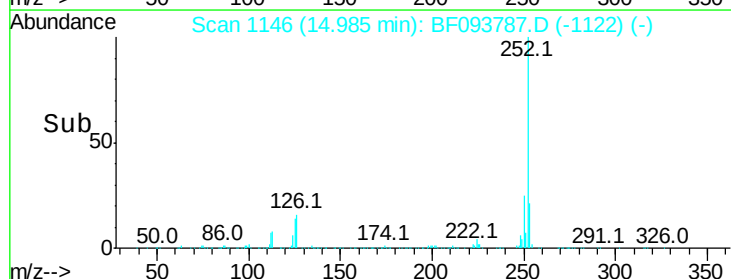
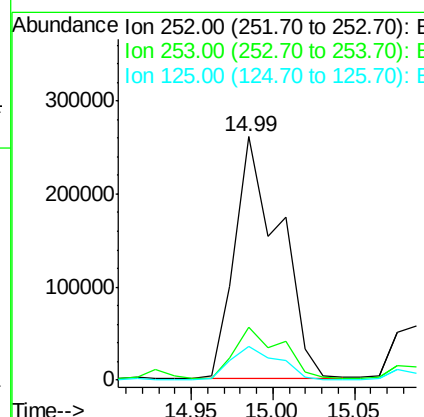
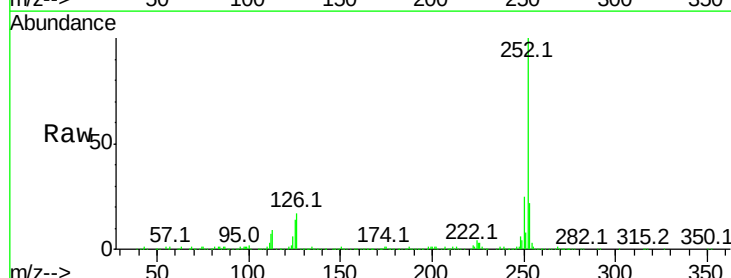
Instrument :
BNA_F
ClientSampleId :
CTMIX-1MSD

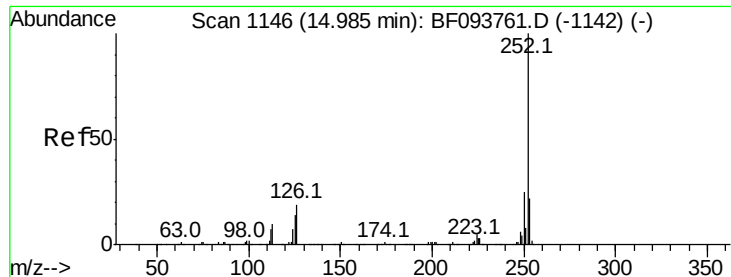
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	22.2	17.2	25.8



#87
Benzo(b)fluoranthene
Concen: 21.54 ng
RT: 14.99 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BF093787.D
Acq: 21 Mar 2017 1:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	14.0	9.8	14.8

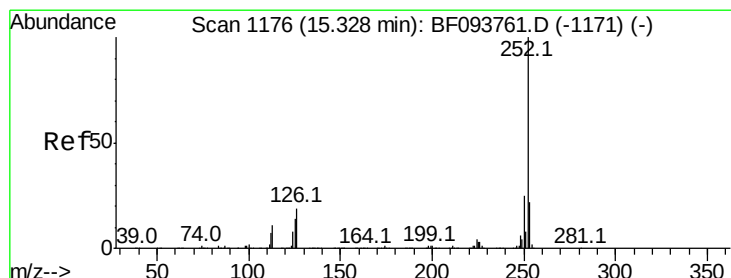
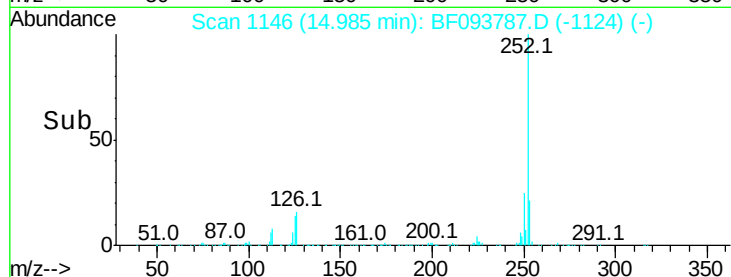
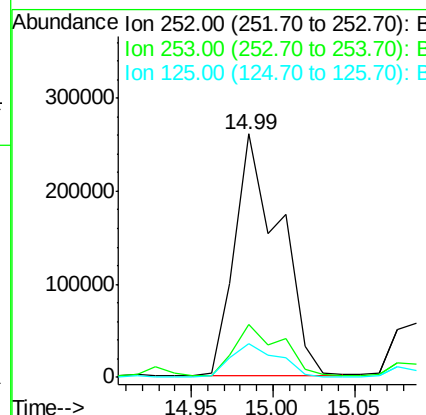
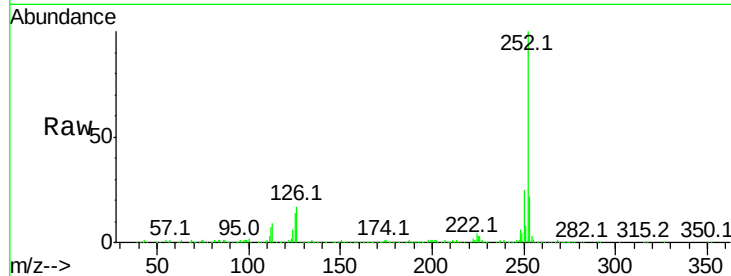




#88
Benzo(k)fluoranthene
Concen: 29.17 ng
RT: 14.99 min Scan# 1146
Delta R.T. -0.04 min
Lab File: BF093787.D
Acq: 21 Mar 2017 1:49

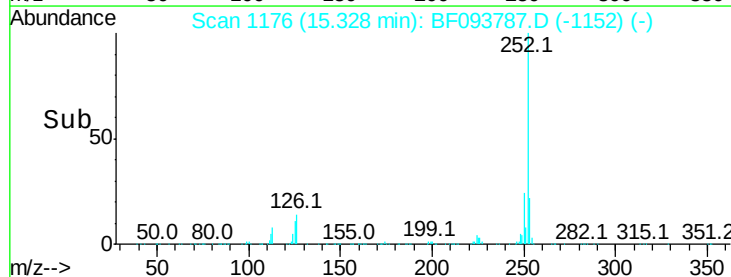
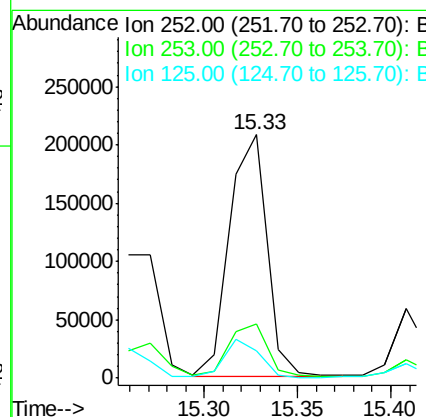
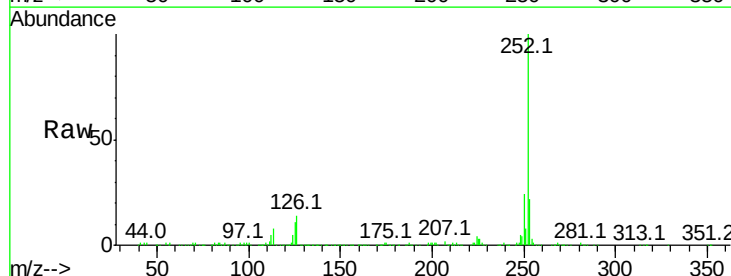
Instrument :
BNA_F
ClientSampleId :
CTMIX-1MSD

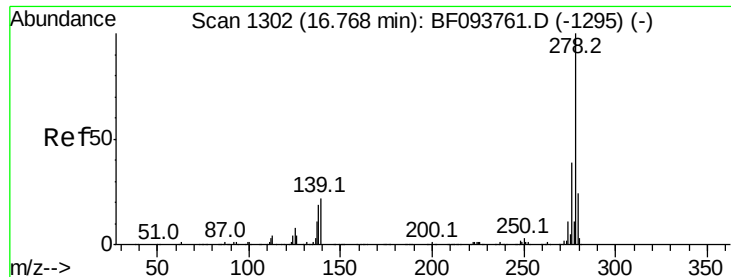
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.4	27.6
125	14.0	13.1	19.7



#89
Benzo(a)pyrene
Concen: 15.73 ng
RT: 15.33 min Scan# 1176
Delta R.T. -0.02 min
Lab File: BF093787.D
Acq: 21 Mar 2017 1:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	11.4	11.0	16.4

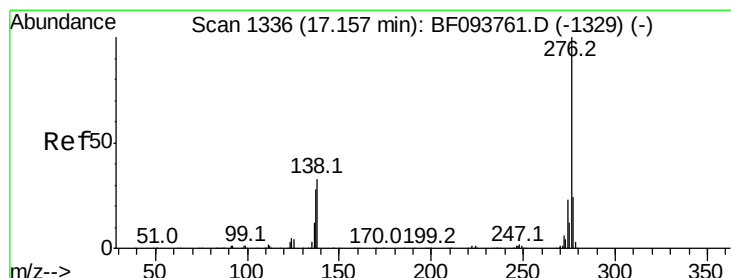
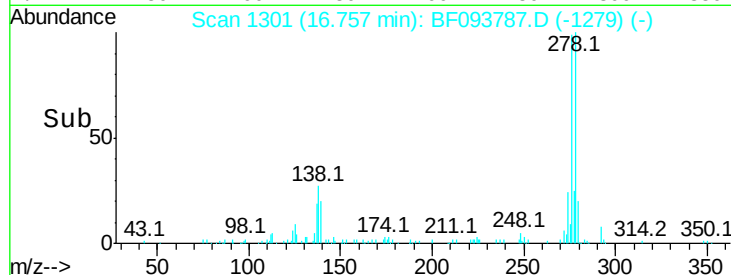
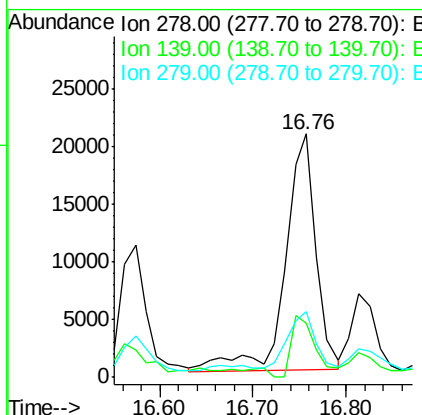
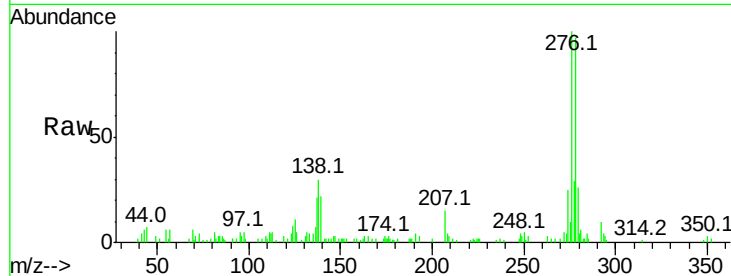




#90
Dibenzo(a,h)anthracene
Concen: 3.04 ng
RT: 16.76 min Scan# 1301
Delta R.T. -0.05 min
Lab File: BF093787.D
Acq: 21 Mar 2017 1:49

Instrument :
BNA_F
ClientSampleId :
CTMIX-1MSD

Tot Ion:278 Resp: 47264
Ion Ratio Lower Upper
278 100
139 22.5 16.6 24.8
279 26.9 19.3 28.9



#91
Benzo(g,h,i)perylene
Concen: 7.10 ng
RT: 17.15 min Scan# 1335
Delta R.T. -0.05 min
Lab File: BF093787.D
Acq: 21 Mar 2017 1:49

Tgt Ion:276 Resp: 109757
Ion Ratio Lower Upper
276 100
277 23.8 18.6 28.0
138 33.2 25.4 38.0

