

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
 Data File : BF093789.D
 Acq On : 21 Mar 2017 2:44
 Operator : SJ/MA
 Sample : I2280-05 50X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CTMIX-3

Quant Time: Mar 21 03:45:28 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	225112	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	871170	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	370775	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	583201	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	388635	20.00	ng	-0.02
86) Perylene-d12	15.39	264	334078	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	29894	2.32	ng	-0.02
7) Phenol-d6	6.45	99	37570	2.36	ng	-0.03
23) Nitrobenzene-d5	7.38	82	18823	1.23	ng	-0.02
41) 2,4,6-Tribromophenol	10.65	330	3298	1.15	ng	-0.02
44) 2-Fluorobiphenyl	9.19	172	44744	2.03	ng	-0.02
78) Terphenyl-d14	12.93	244	29569	1.55	ng	-0.02

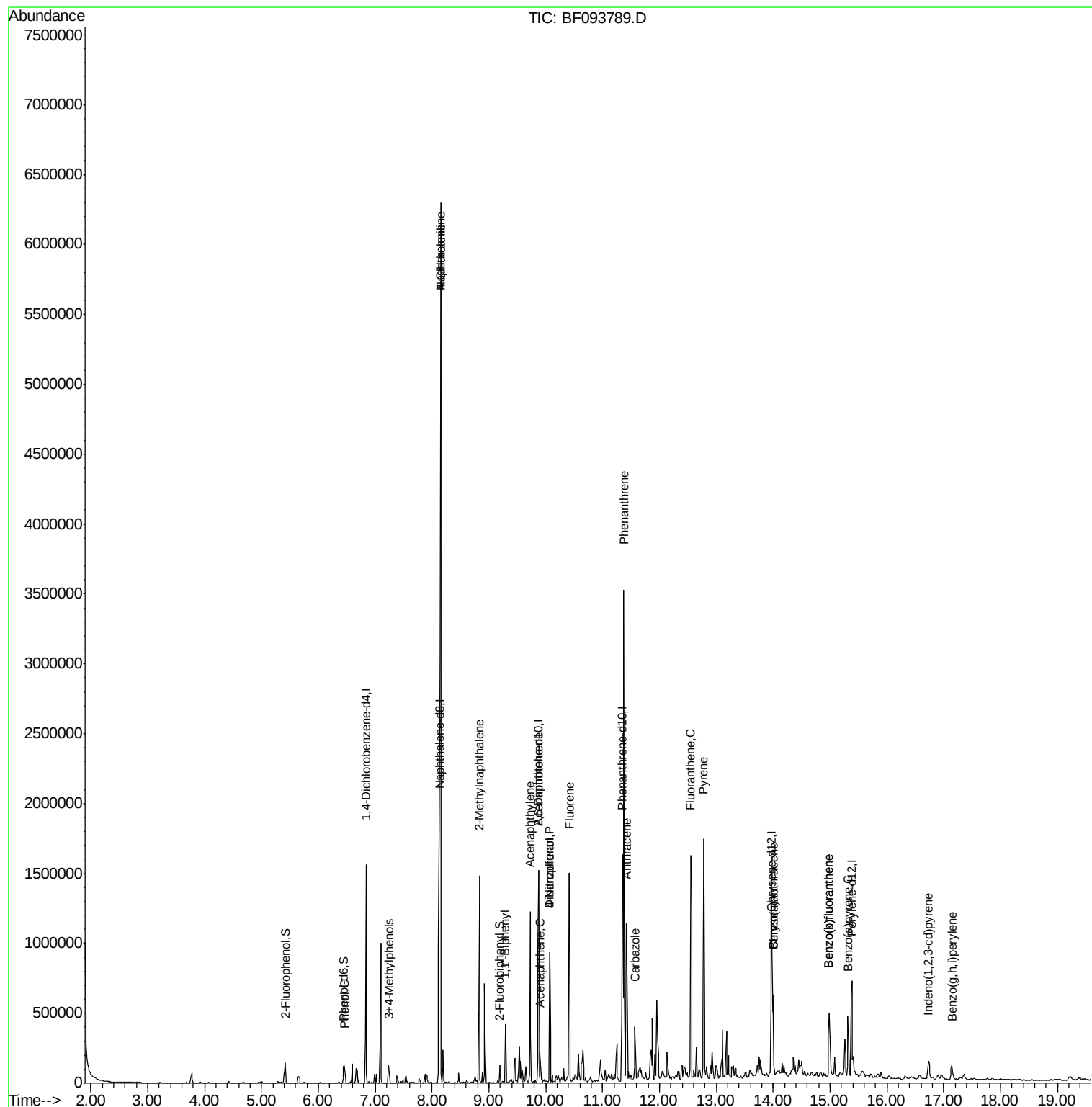
Target Compounds						Qvalue
10) Phenol	6.47	94	38822	2.17	ng	81
20) 3+4-Methylphenols	7.24	107	30603	2.08	ng	# 65
31) Naphthalene	8.15	128	3172690	78.46	ng	98
33) 4-Chloroaniline	8.15	127	449815	25.89	ng	# 33
37) 2-Methylnaphthalene	8.84	142	441039	16.71	ng	97
45) 1,1'-Biphenyl	9.29	154	115790	3.84	ng	97
48) Acenaphthylene	9.73	152	514978	13.70	ng	99
50) 2,6-Dinitrotoluene	9.88	165	56658	9.78	ng	# 34
51) Acenaphthene	9.90	154	53111	2.36	ng	98
54) Dibenzofuran	10.07	168	378502	12.52	ng	95
55) 4-Nitrophenol	10.07	139	144562	27.68	ng	# 27
57) Fluorene	10.41	166	418800	18.09	ng	99
70) Phenanthrene	11.37	178	1258749	40.53	ng	100
71) Anthracene	11.42	178	534097	16.70	ng	98
72) Carbazole	11.57	167	181031	5.72	ng	98
74) Fluoranthene	12.55	202	847273	26.54	ng	95
77) Pyrene	12.78	202	670245	20.72	ng	99
80) Benzo(a)anthracene	14.00	228	267345	10.98	ng	97
82) Chrysene	14.00	228	267361	10.99	ng	98
85) Indeno(1,2,3-cd)pyrene	16.73	276	79139	3.97	ng	97
87) Benzo(b)fluoranthene	14.99	252	338573	15.03	ng	98
88) Benzo(k)fluoranthene	14.99	252	338573	20.36	ng	97
89) Benzo(a)pyrene	15.32	252	197487	10.81	ng	# 95
91) Benzo(g,h,i)perylene	17.15	276	71944	4.78	ng	98

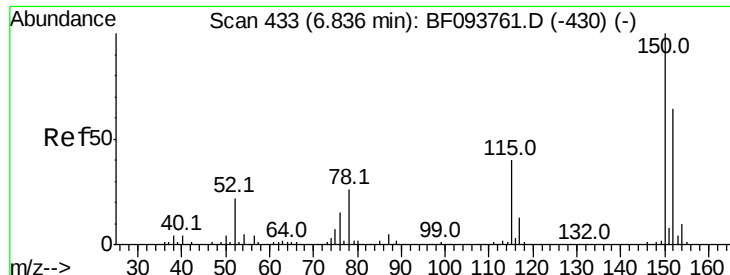
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF093789.D

Acq: 21 Mar 2017 2:44

Instrument :

BNA_F

ClientSampleId :

CTMIX-3

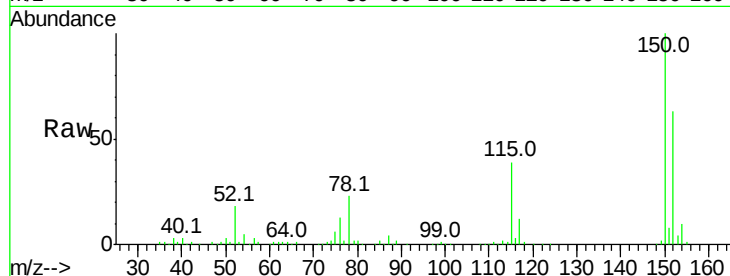
Tot Ion:152 Resp: 225112

Ion Ratio Lower Upper

152 100

150 158.5 126.2 189.2

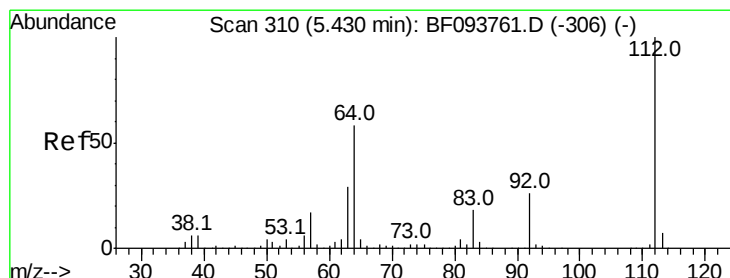
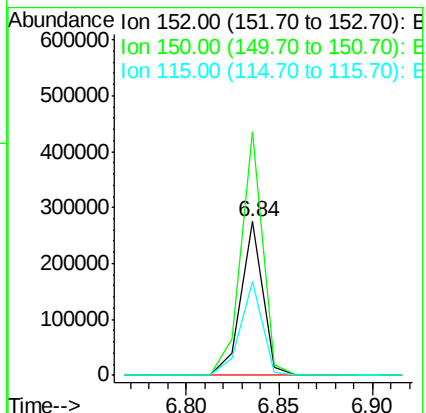
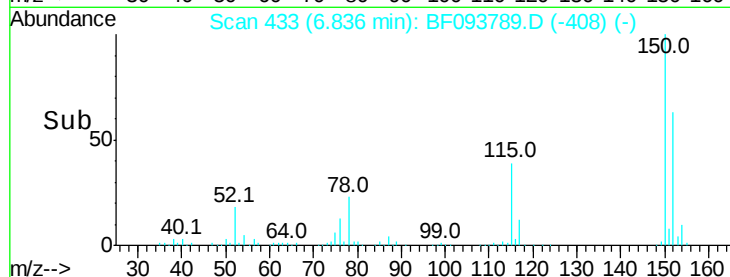
115 61.3 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 2.32 ng

RT: 5.42 min Scan# 309

Delta R.T. -0.02 min

Lab File: BF093789.D

Acq: 21 Mar 2017 2:44

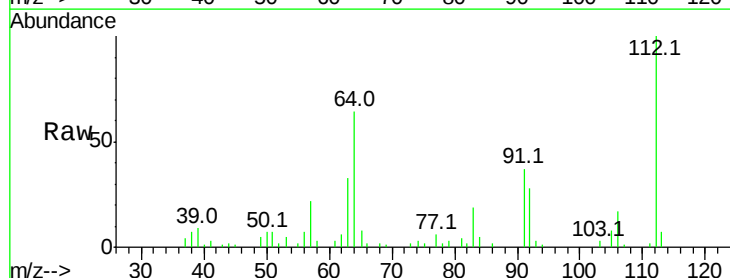
Tgt Ion:112 Resp: 29894

Ion Ratio Lower Upper

112 100

64 63.5 46.0 69.0

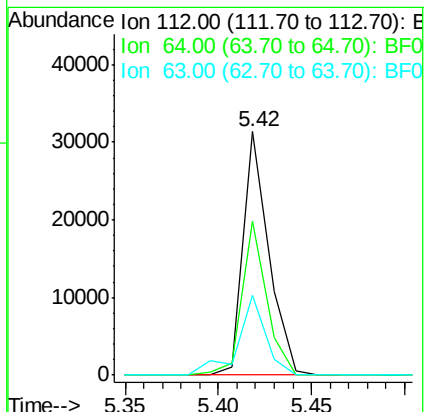
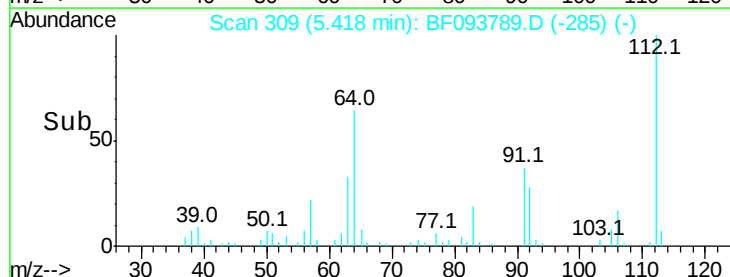
63 32.7 23.4 35.0

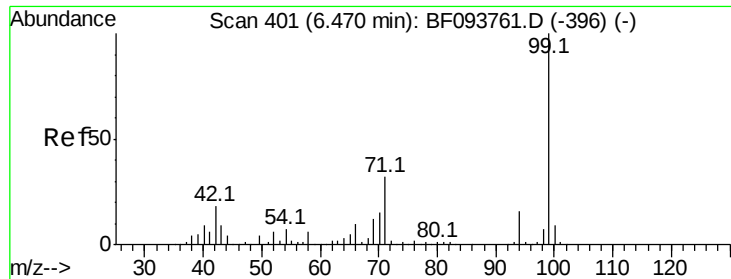


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 2.36 ng

RT: 6.45 min Scan# 399

Delta R.T. -0.03 min

Lab File: BF093789.D

Acq: 21 Mar 2017 2:44

Instrument :

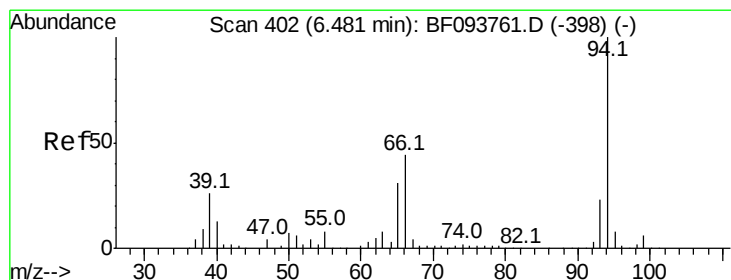
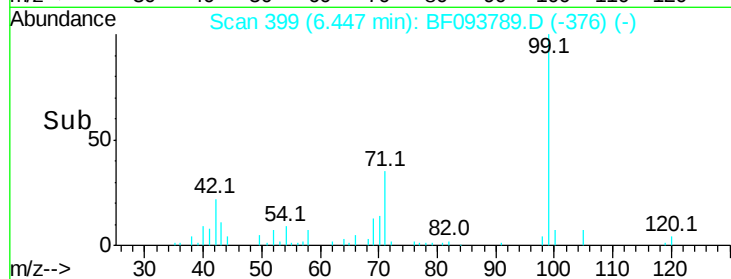
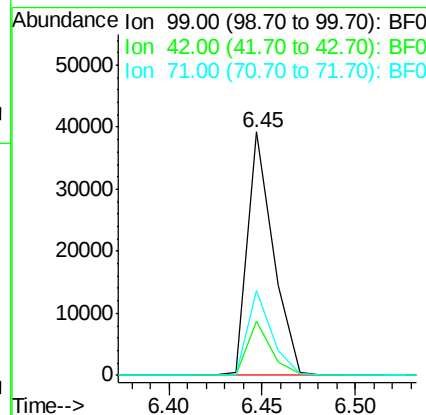
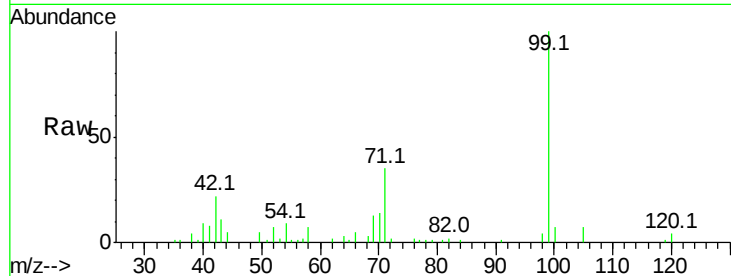
BNA_F

ClientSampled :

CTMIX-3

Tot Ion: 99 Resp: 37570

Ion	Ratio	Lower	Upper
99	100		
42	22.4	13.5	20.3#
71	35.0	24.5	36.7



#10

Phenol

Concen: 2.17 ng

RT: 6.47 min Scan# 401

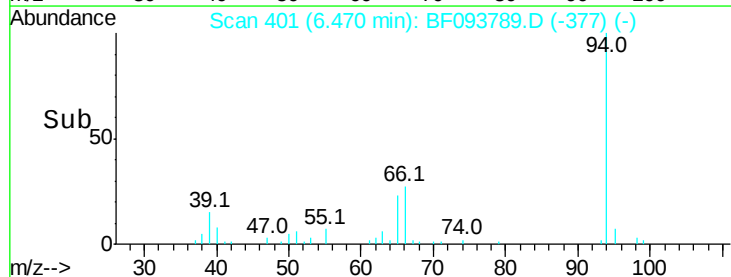
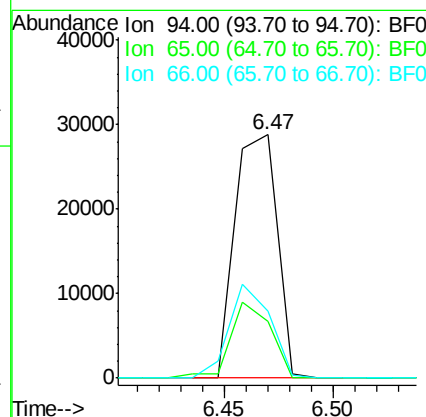
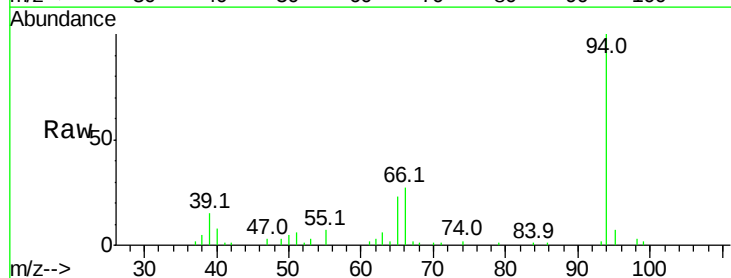
Delta R.T. -0.02 min

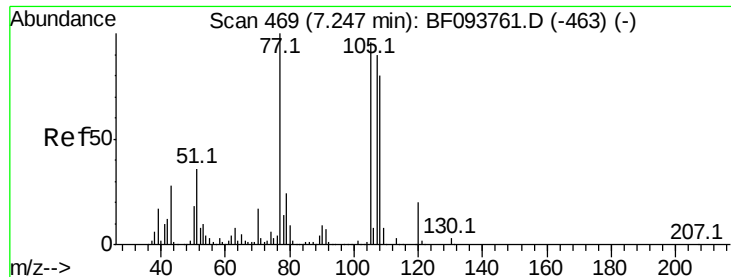
Lab File: BF093789.D

Acq: 21 Mar 2017 2:44

Tgt Ion: 94 Resp: 38822

Ion	Ratio	Lower	Upper
94	100		
65	23.3	9.9	49.9
66	27.4	23.1	63.1





#20

3+4-Methylphenols

Concen: 2.08 ng

RT: 7.24 min Scan# 468

Delta R.T. -0.02 min

Lab File: BF093789.D

Acq: 21 Mar 2017 2:44

Instrument :

BNA_F

ClientSampleId :

CTMIX-3

Tot Ion:107 Resp: 30603

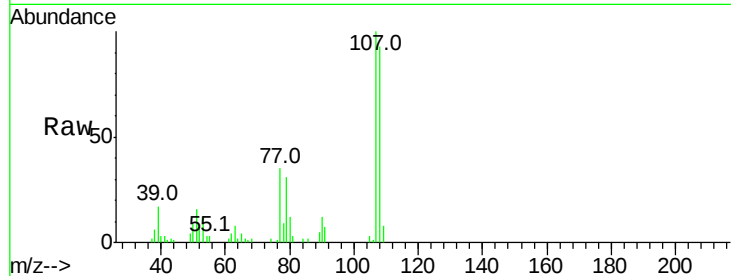
Ion Ratio Lower Upper

107 100

108 92.7 71.0 111.0

77 35.4 90.5 130.5#

79 31.3 8.4 48.4

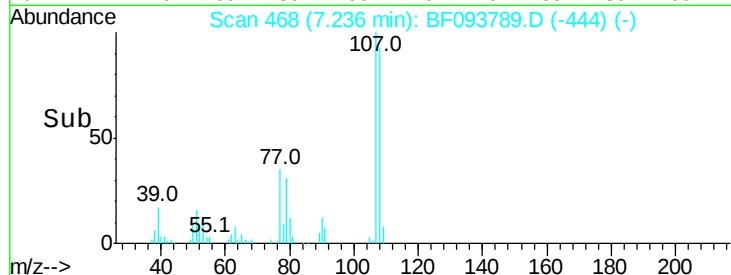


Abundance Ion 107.00 (106.70 to 107.70): E

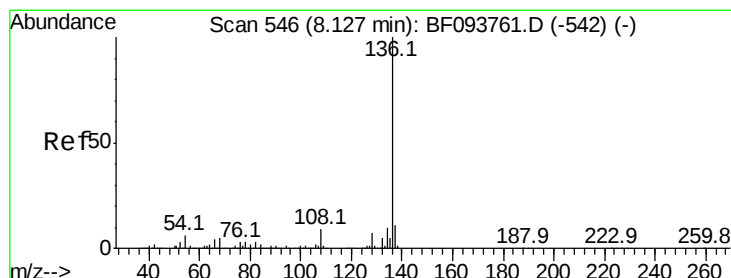
Ion 108.00 (107.70 to 108.70): E

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: BF093789.D

Acq: 21 Mar 2017 2:44

Tgt Ion:136 Resp: 871170

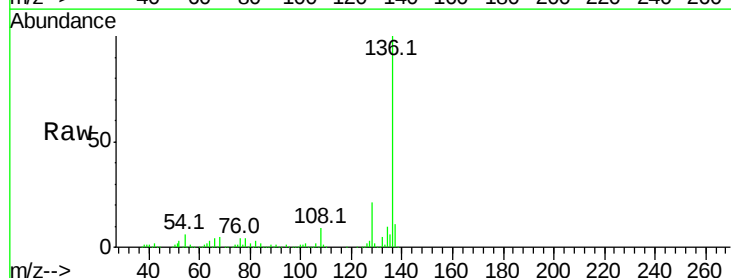
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.3 4.9 7.3

68 5.1 4.1 6.1

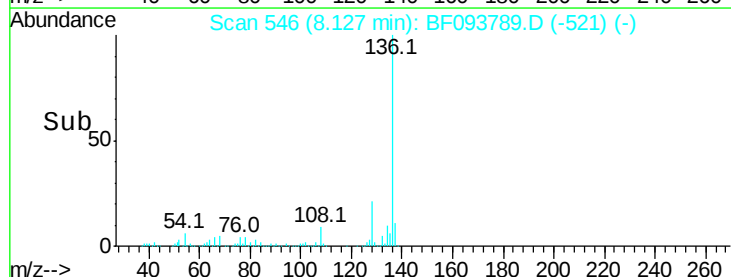


Abundance Ion 136.00 (135.70 to 136.70): E

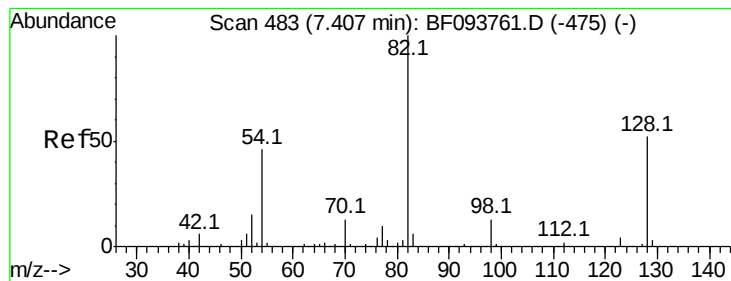
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 1.23 ng

RT: 7.38 min Scan# 481

Delta R.T. -0.02 min

Lab File: BF093789.D

Acq: 21 Mar 2017 2:44

Instrument :

BNA_F

ClientSampleId :

CTMIX-3

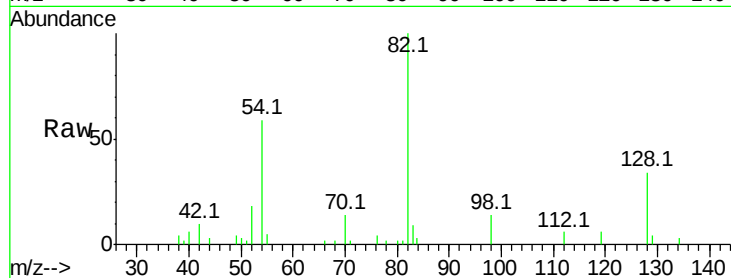
Tot Ion: 82 Resp: 18823

Ion Ratio Lower Upper

82 100

128 33.8 34.0 51.0#

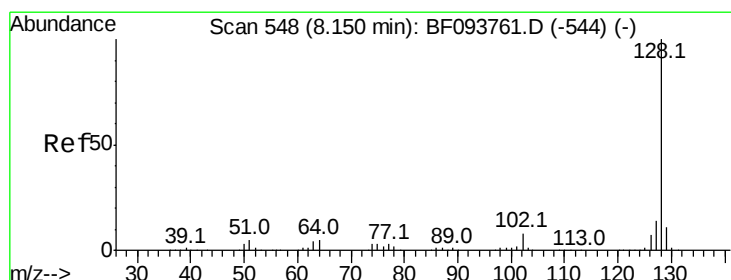
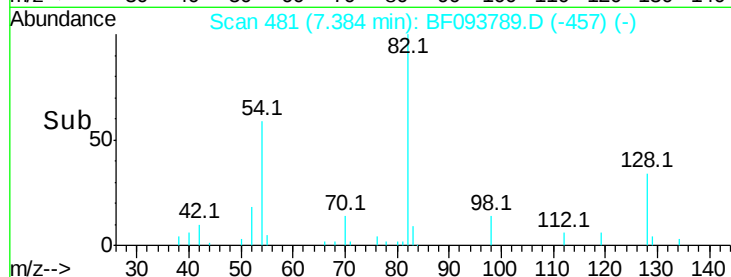
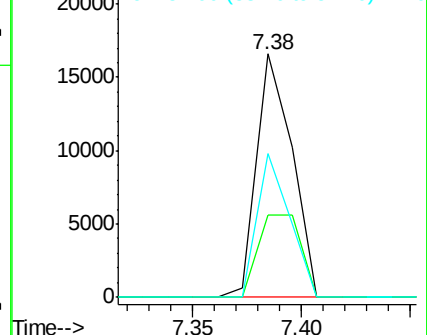
54 58.8 42.2 63.2



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: 78.46 ng

RT: 8.15 min Scan# 548

Delta R.T. -0.01 min

Lab File: BF093789.D

Acq: 21 Mar 2017 2:44

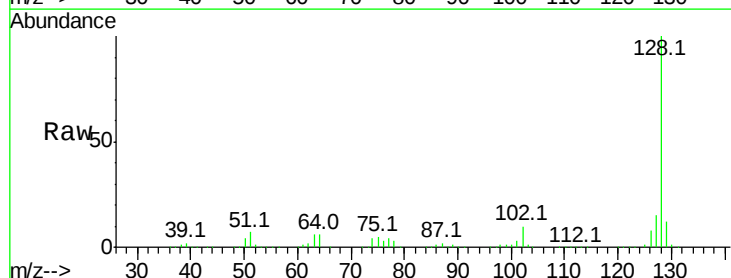
Tgt Ion:128 Resp: 3172690

Ion Ratio Lower Upper

128 100

129 12.0 9.0 13.6

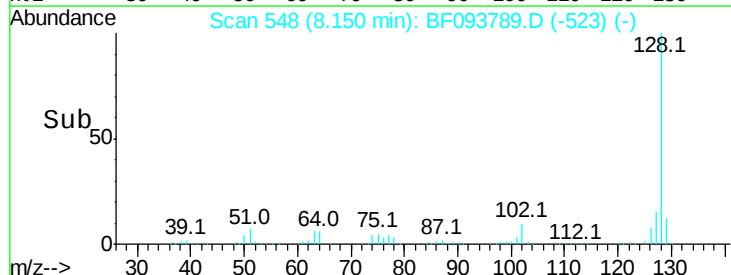
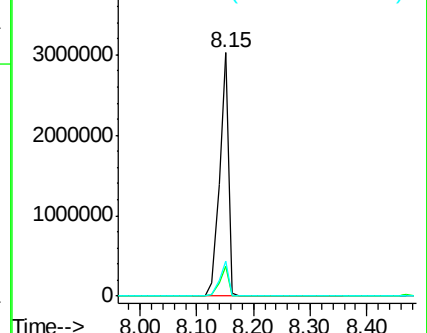
127 14.6 10.8 16.2

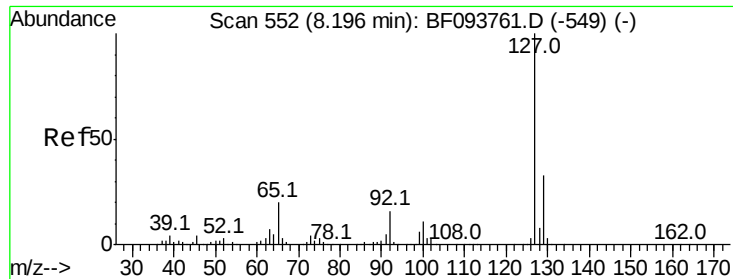


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

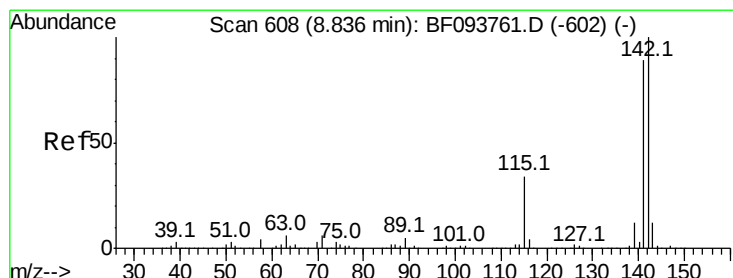
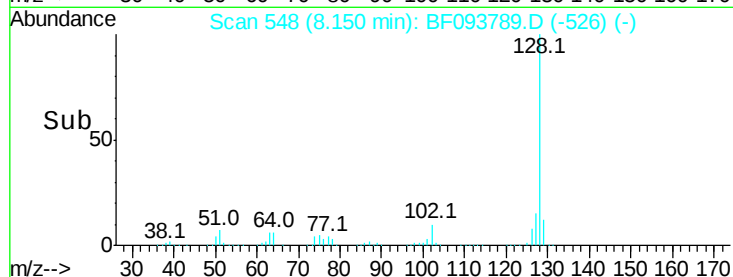
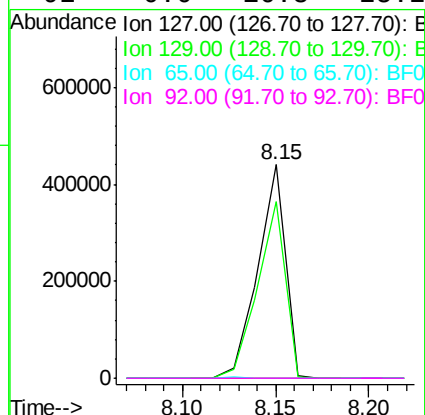
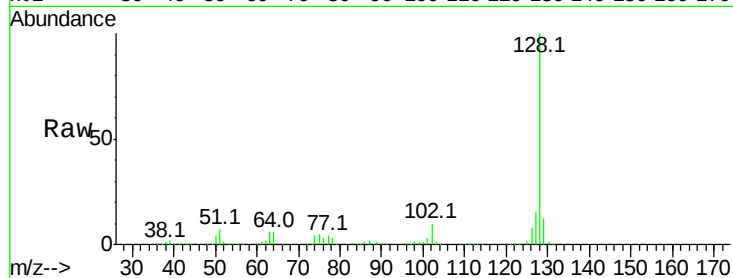




#33
4-Chloroaniline
Concen: 25.89 ng
RT: 8.15 min Scan# 548
Delta R.T. -0.05 min
Lab File: BF093789.D
Acq: 21 Mar 2017 2:44

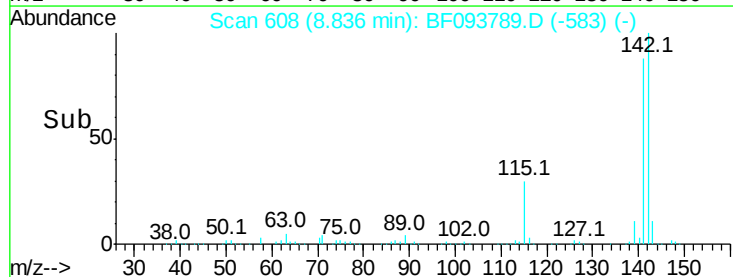
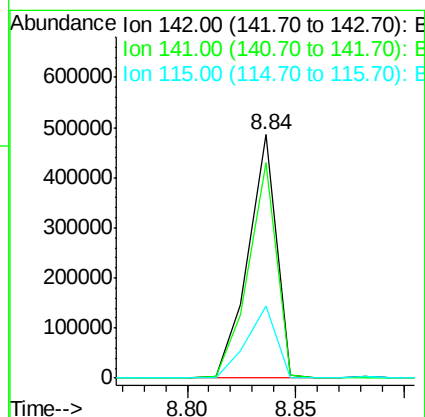
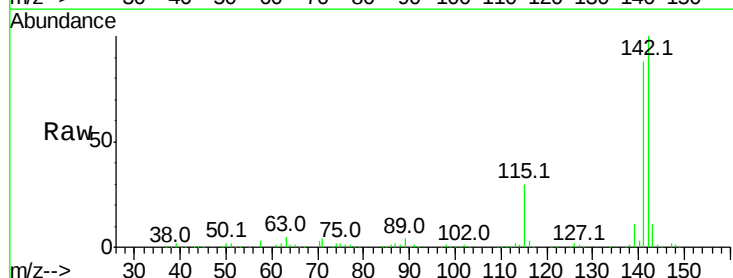
Instrument :
BNA_F
ClientSampleId :
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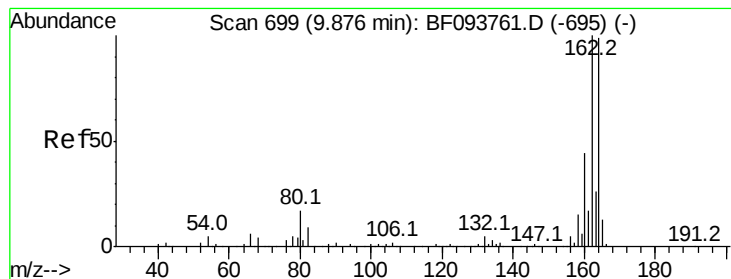
Tot Ion:	127	Resp:	449815
Ion	Ratio	Lower	Upper
127	100		
129	82.7	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#



#37
2-Methylnaphthalene
Concen: 16.71 ng
RT: 8.84 min Scan# 608
Delta R.T. -0.01 min
Lab File: BF093789.D
Acq: 21 Mar 2017 2:44

Tgt Ion:	142	Resp:	441039
Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.3	106.9
115	29.6	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: BF093789.D

Acq: 21 Mar 2017 2:44

Instrument :

BNA_F

ClientSampleId :

CTMIX-3

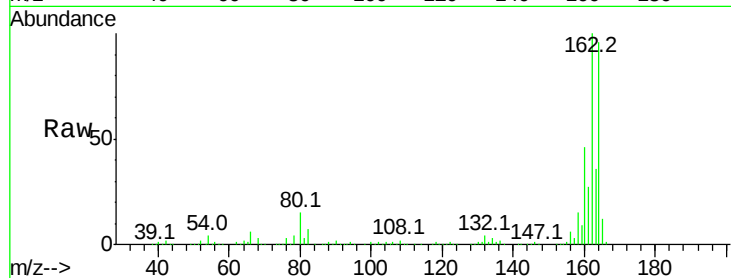
Tot Ion:164 Resp: 370775

Ion Ratio Lower Upper

164 100

162 103.8 82.6 123.8

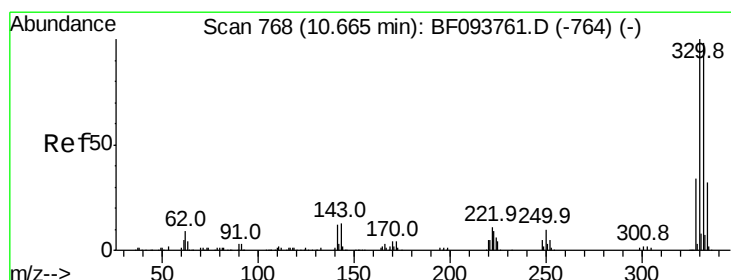
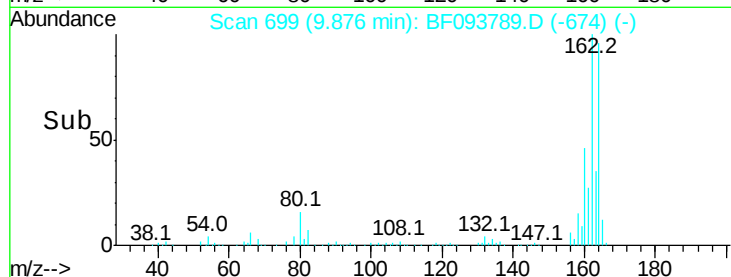
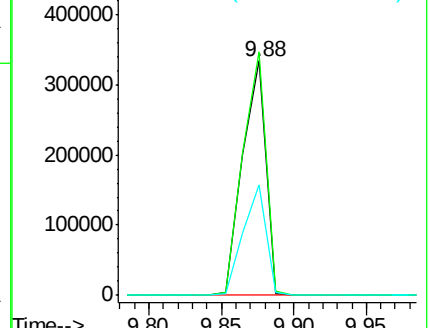
160 47.3 36.2 54.2



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: 1.15 ng

RT: 10.65 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF093789.D

Acq: 21 Mar 2017 2:44

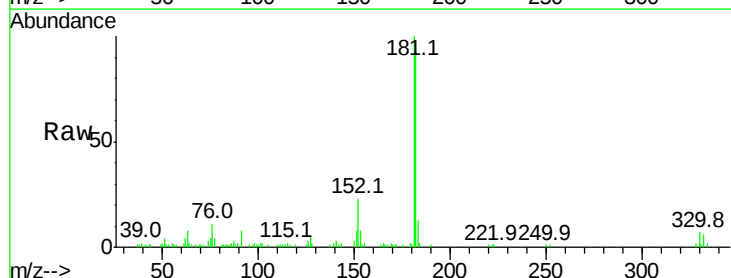
Tgt Ion:330 Resp: 3298

Ion Ratio Lower Upper

330 100

332 97.3 76.6 115.0

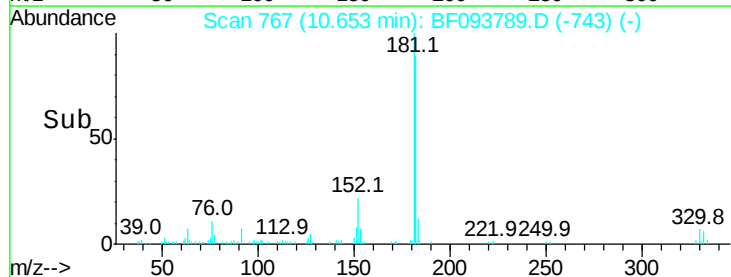
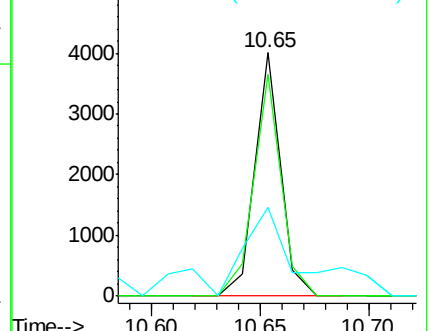
141 103.7 31.4 47.2#

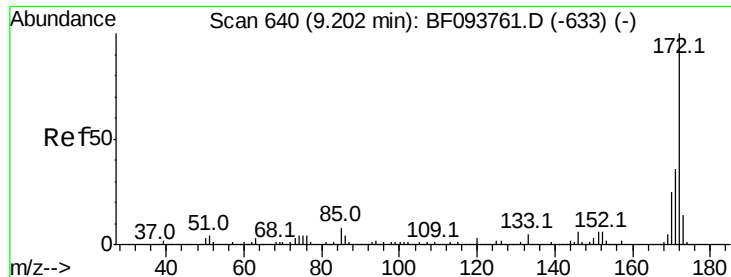


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

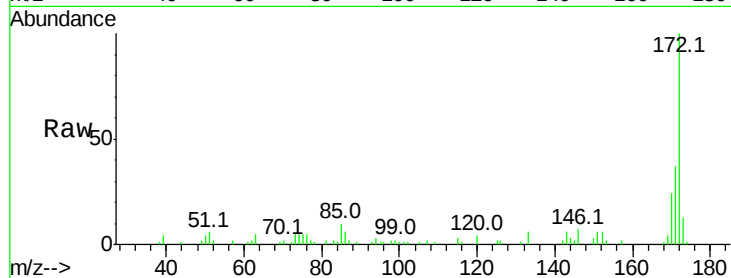




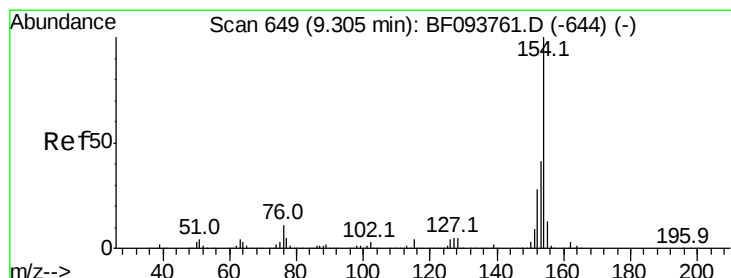
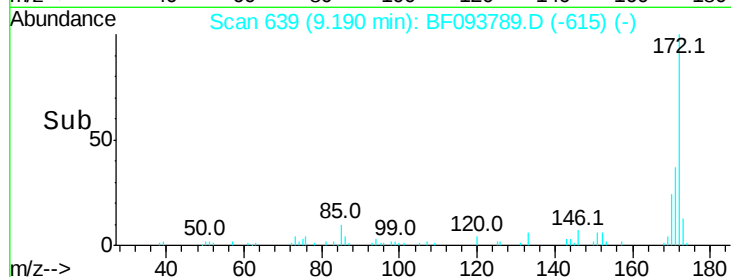
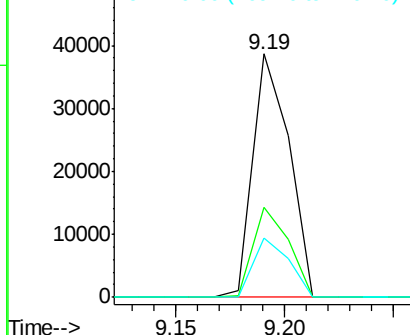
#44
2-Fluorobiphenyl
Concen: 2.03 ng
RT: 9.19 min Scan# 639
Delta R.T. -0.02 min
Lab File: BF093789.D
Acq: 21 Mar 2017 2:44

Instrument :
BNA_F
ClientSampleId :
CTMIX-3

Tot Ion:172 Resp: 44744
Ion Ratio Lower Upper
172 100
171 37.1 29.6 44.4
170 24.3 19.8 29.8

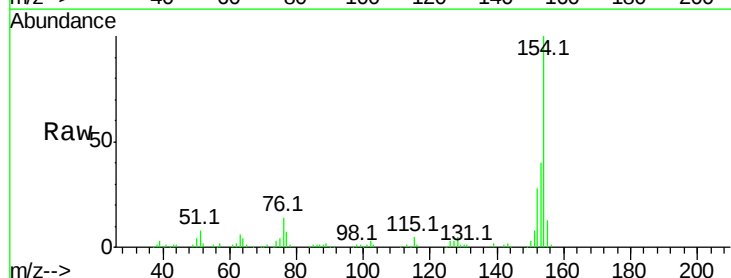


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

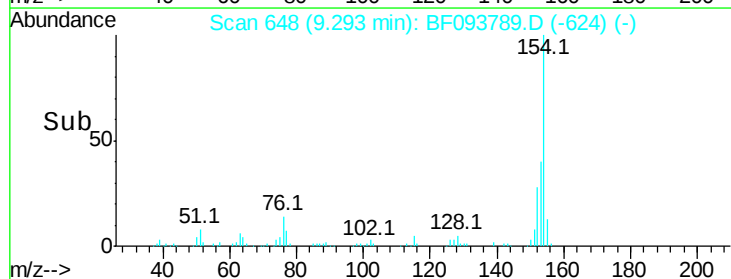
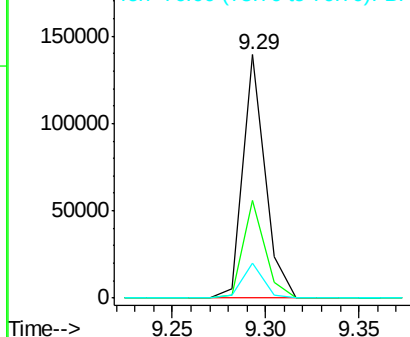


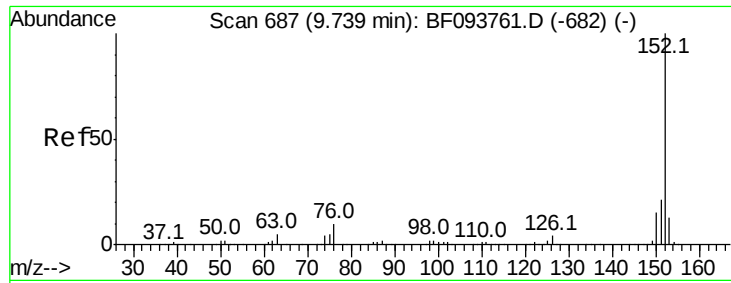
#45
1,1'-Biphenyl
Concen: 3.84 ng
RT: 9.29 min Scan# 648
Delta R.T. -0.02 min
Lab File: BF093789.D
Acq: 21 Mar 2017 2:44

Tgt Ion:154 Resp: 115790
Ion Ratio Lower Upper
154 100
153 40.3 21.2 61.2
76 14.1 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: 13.70 ng

RT: 9.73 min Scan# 686

Delta R.T. -0.02 min

Lab File: BF093789.D

Acq: 21 Mar 2017 2:44

Instrument :

BNA_F

ClientSampleId :

CTMIX-3

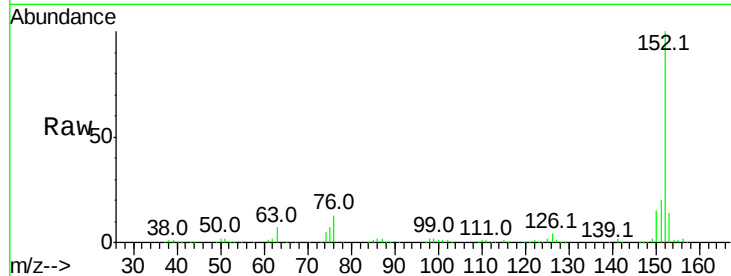
Tot Ion:152 Resp: 514978

Ion Ratio Lower Upper

152 100

151 20.4 16.8 25.2

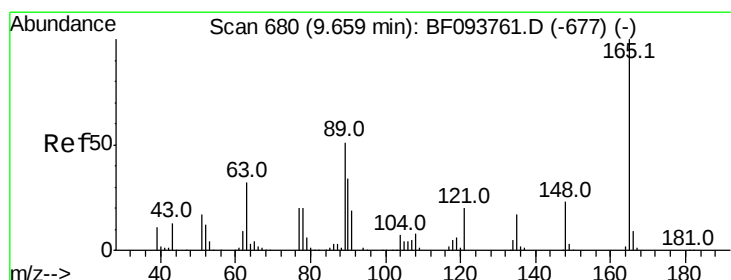
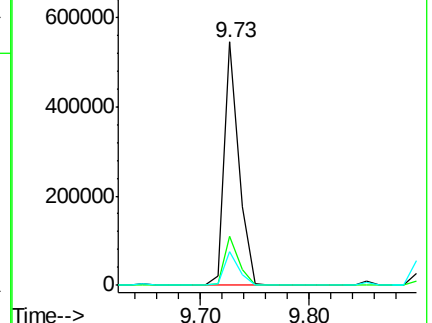
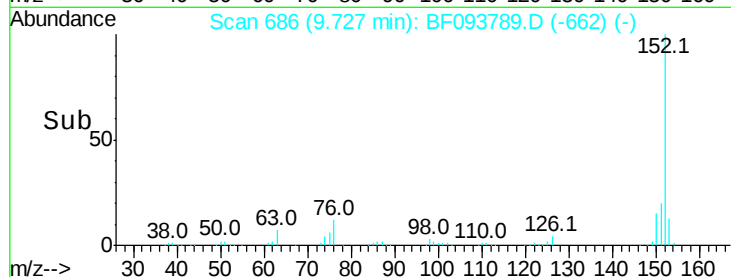
153 13.7 10.8 16.2



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



#50

2,6-Dinitrotoluene

Concen: 9.78 ng

RT: 9.88 min Scan# 699

Delta R.T. 0.21 min

Lab File: BF093789.D

Acq: 21 Mar 2017 2:44

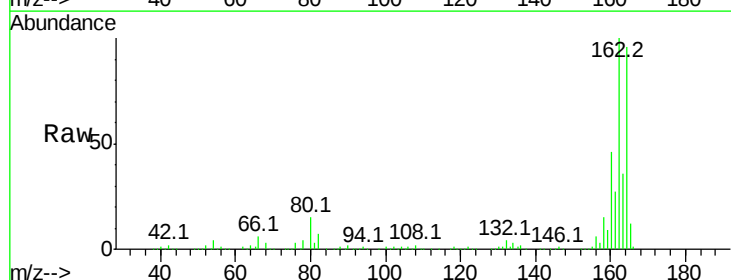
Tgt Ion:165 Resp: 56658

Ion Ratio Lower Upper

165 100

63 1.5 34.3 51.5#

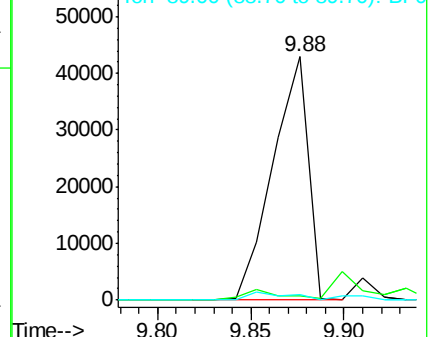
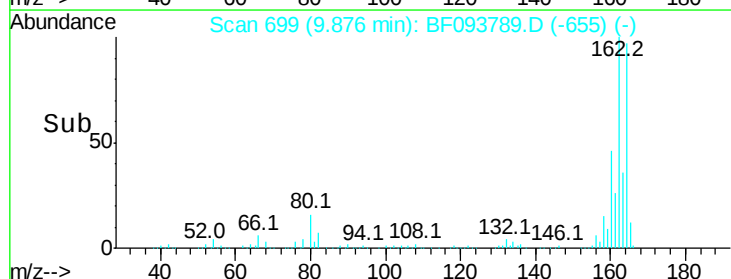
89 2.3 37.1 55.7#

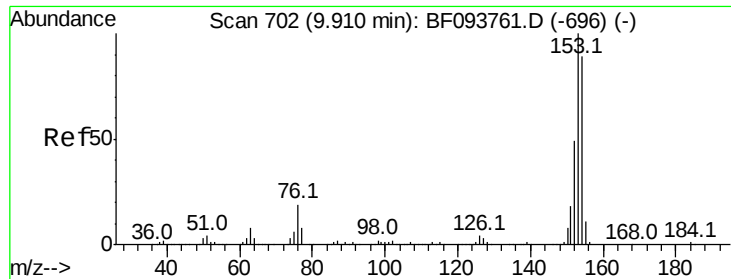


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 2.36 ng

RT: 9.90 min Scan# 701

Delta R.T. -0.02 min

Lab File: BF093789.D

Acq: 21 Mar 2017 2:44

Instrument :

BNA_F

ClientSampleId :

CTMIX-3

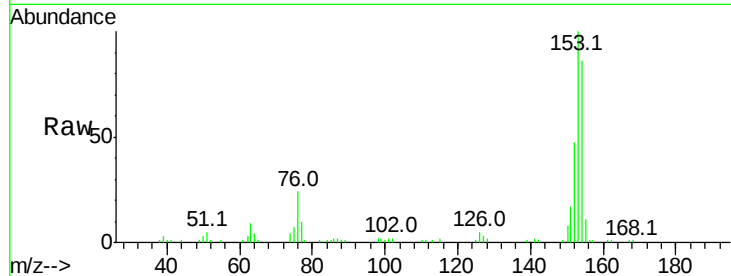
Tot Ion:154 Resp: 53111

Ion Ratio Lower Upper

154 100

153 116.1 90.5 135.7

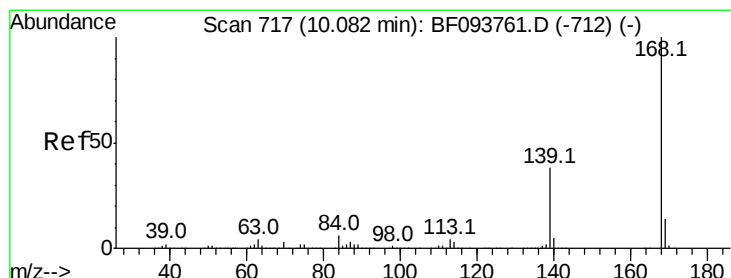
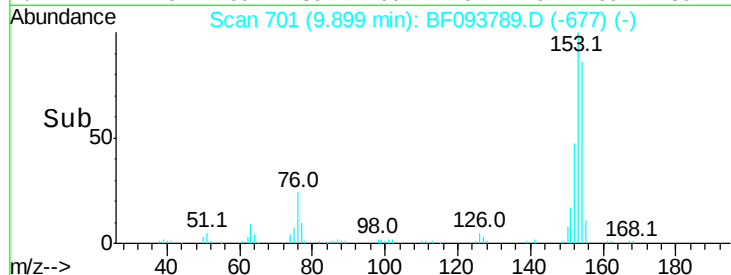
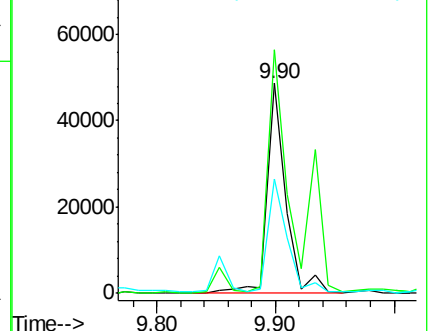
152 54.7 43.6 65.4



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: 12.52 ng

RT: 10.07 min Scan# 716

Delta R.T. -0.02 min

Lab File: BF093789.D

Acq: 21 Mar 2017 2:44

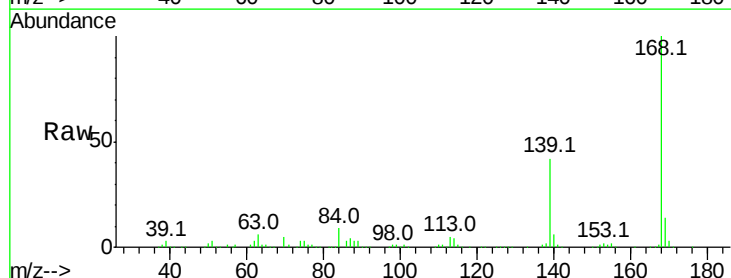
Tgt Ion:168 Resp: 378502

Ion Ratio Lower Upper

168 100

139 41.8 30.6 45.8

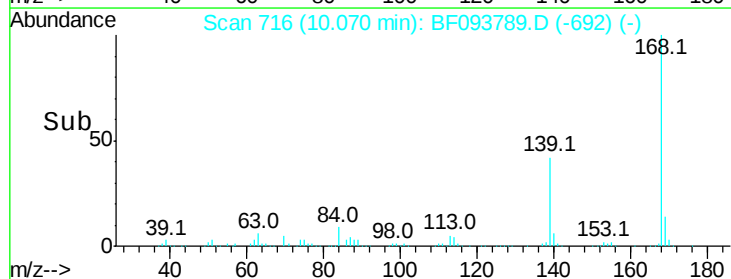
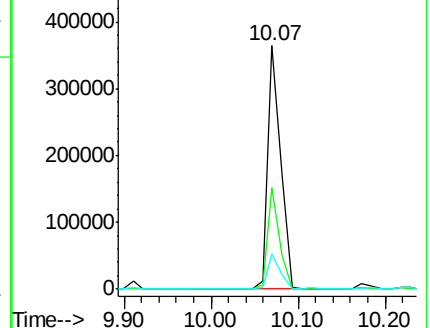
169 14.2 10.8 16.2

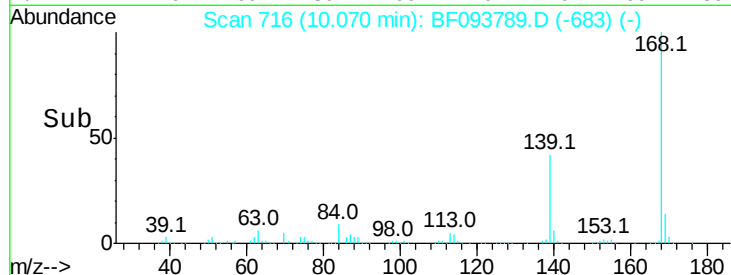
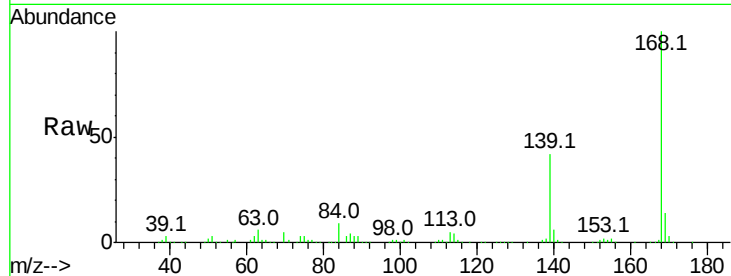
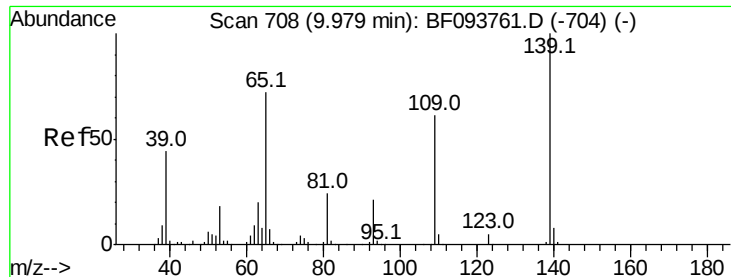


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 27.68 ng

RT: 10.07 min Scan# 716

Delta R.T. 0.08 min

Lab File: BF093789.D

Acq: 21 Mar 2017 2:44

Instrument :

BNA_F

ClientSampleId :

CTMIX-3

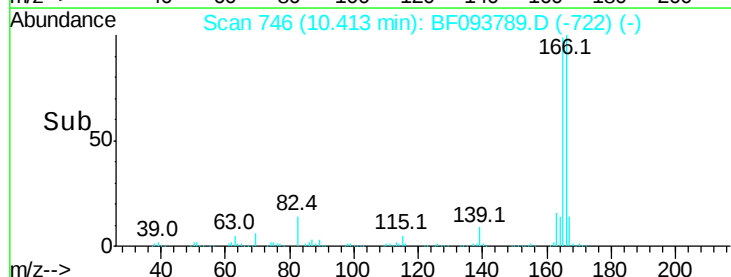
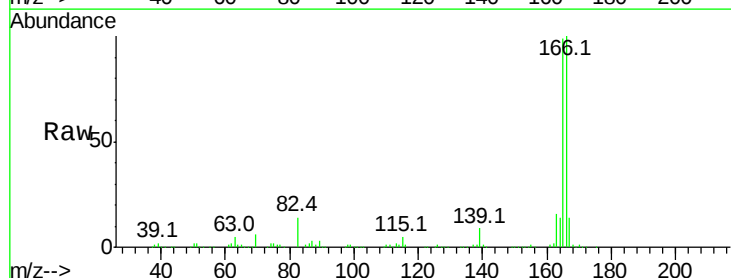
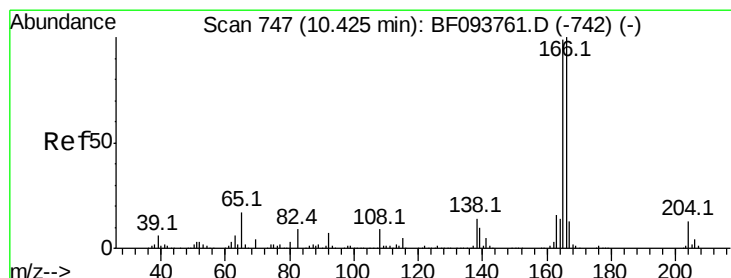
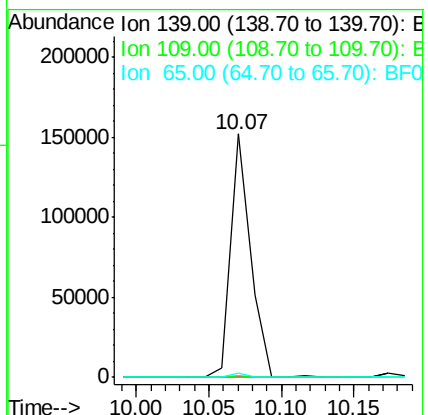
Tot Ion:139 Resp: 144562

Ion Ratio Lower Upper

139 100

109 0.8 34.1 74.1#

65 1.8 31.4 71.4#



#57

Fluorene

Concen: 18.09 ng

RT: 10.41 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF093789.D

Acq: 21 Mar 2017 2:44

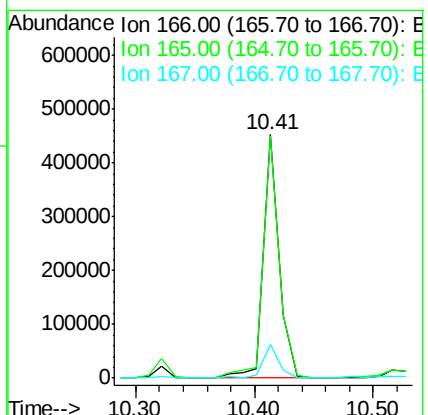
Tgt Ion:166 Resp: 418800

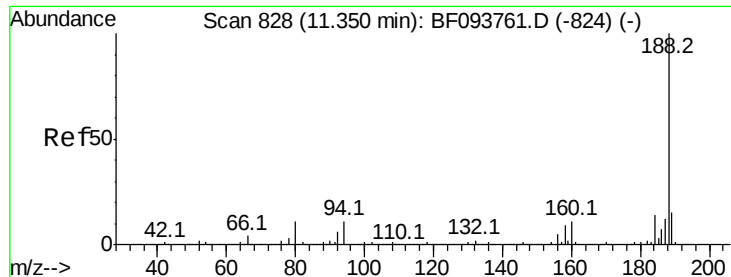
Ion Ratio Lower Upper

166 100

165 99.3 78.8 118.2

167 13.7 10.6 16.0

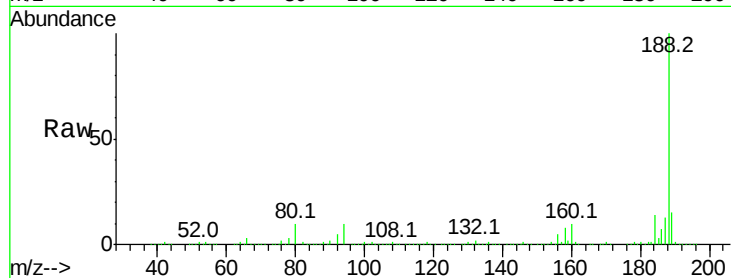




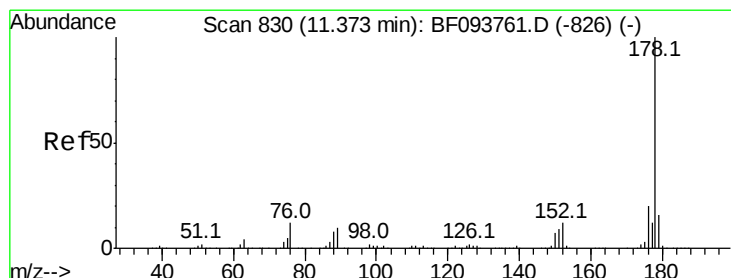
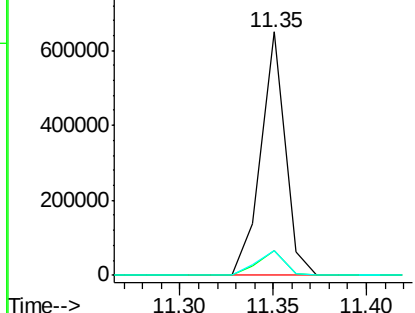
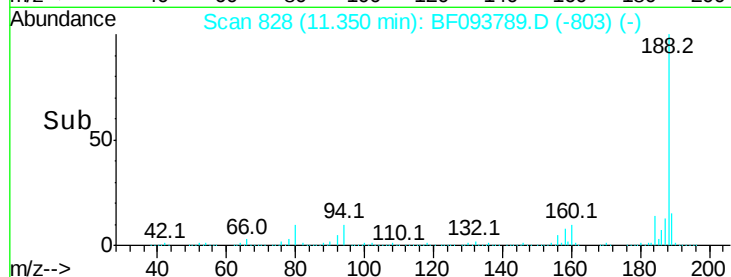
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF093789.D
Acq: 21 Mar 2017 2:44

Instrument :
BNA_F
ClientSampleId :
CTMIX-3

Tot Ion:188 Resp: 583201
Ion Ratio Lower Upper
188 100
94 10.2 9.4 14.2
80 10.3 10.2 15.2

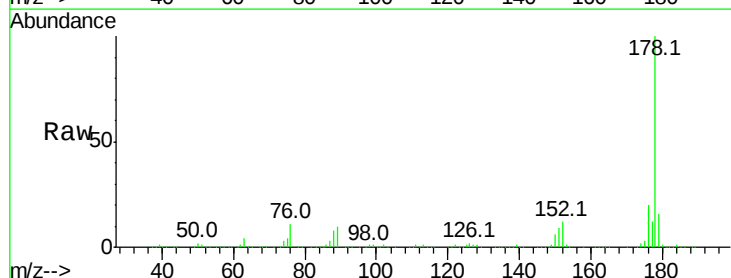


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

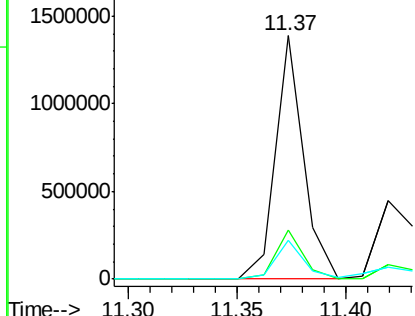
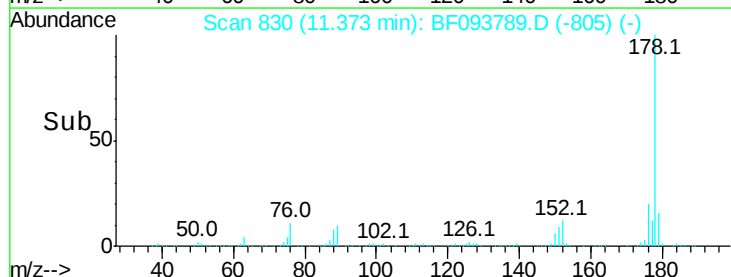


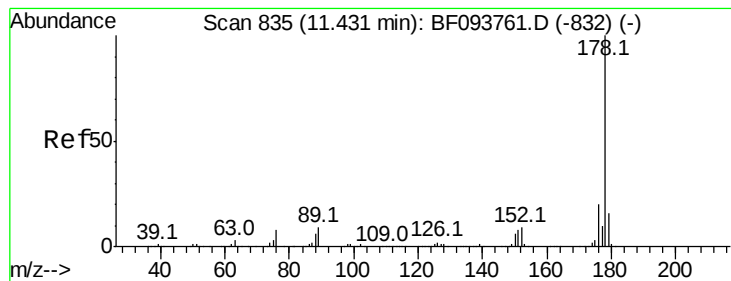
#70
Phenanthrene
Concen: 40.53 ng
RT: 11.37 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF093789.D
Acq: 21 Mar 2017 2:44

Tgt Ion:178 Resp: 1258749
Ion Ratio Lower Upper
178 100
176 20.1 16.2 24.4
179 15.9 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: 16.70 ng

RT: 11.42 min Scan# 834

Delta R.T. -0.02 min

Lab File: BF093789.D

Acq: 21 Mar 2017 2:44

Instrument :

BNA_F

ClientSampleId :

CTMIX-3

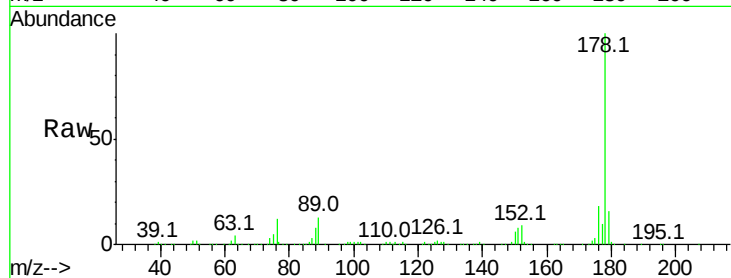
Tot Ion:178 Resp: 534097

Ion Ratio Lower Upper

178 100

176 18.4 15.8 23.8

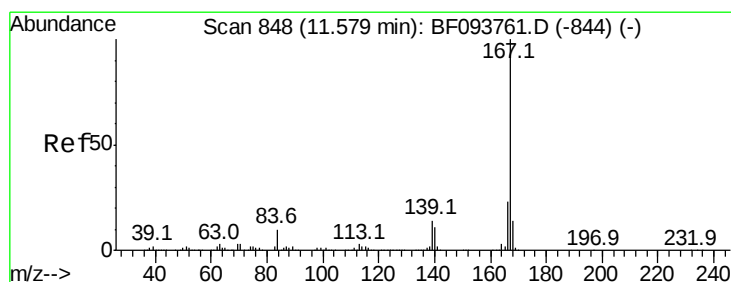
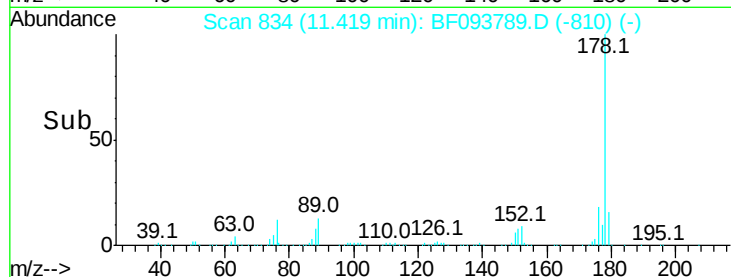
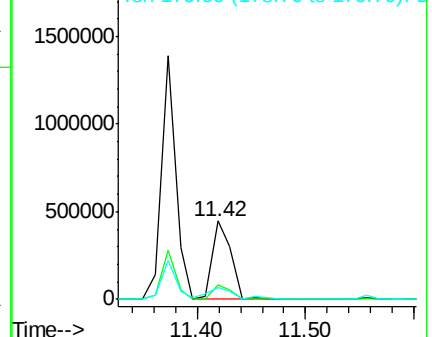
179 15.8 12.7 19.1



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: 5.72 ng

RT: 11.57 min Scan# 847

Delta R.T. -0.02 min

Lab File: BF093789.D

Acq: 21 Mar 2017 2:44

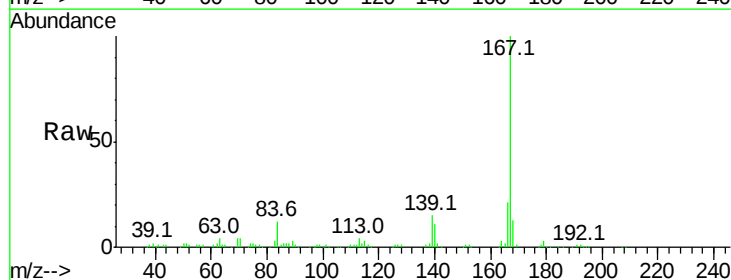
Tgt Ion:167 Resp: 181031

Ion Ratio Lower Upper

167 100

166 20.9 18.1 27.1

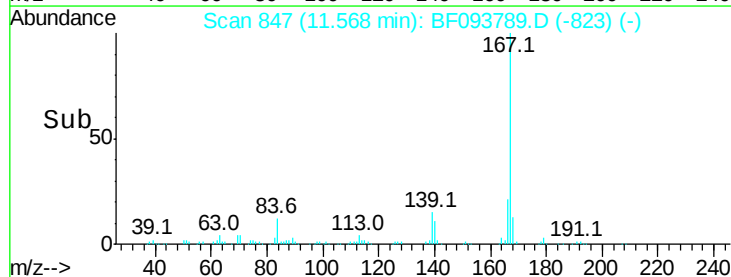
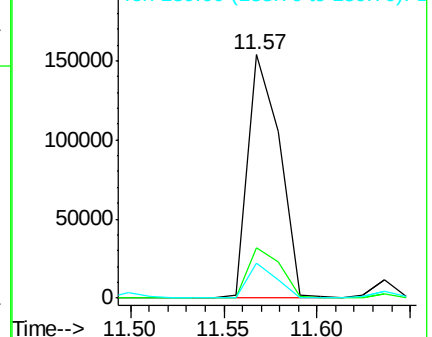
139 14.5 11.7 17.5

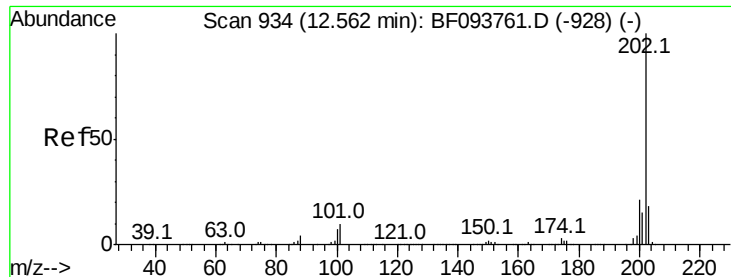


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

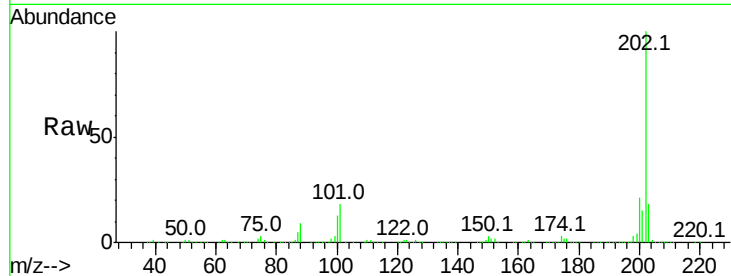




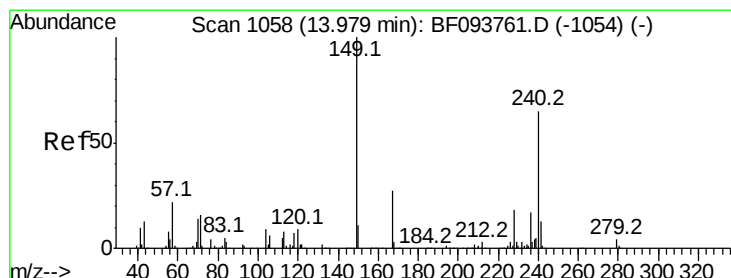
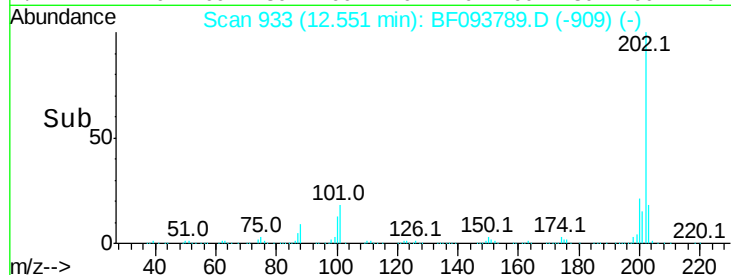
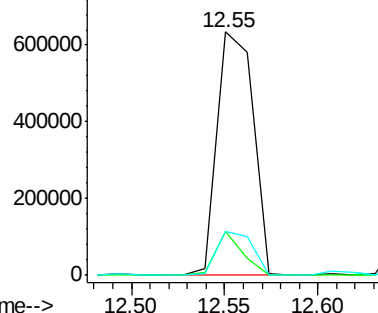
#74
Fluoranthene
Concen: 26.54 ng
RT: 12.55 min Scan# 933
Delta R.T. -0.02 min
Lab File: BF093789.D
Acq: 21 Mar 2017 2:44

Instrument :
BNA_F
ClientSampleId :
CTMIX-3

Tot Ion:202 Resp: 847273
Ion Ratio Lower Upper
202 100
101 18.0 0.0 33.2
203 17.9 0.0 38.1

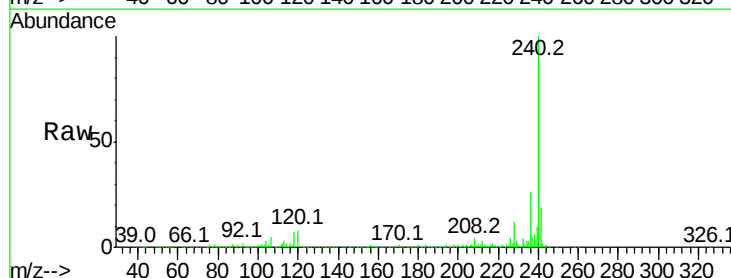


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

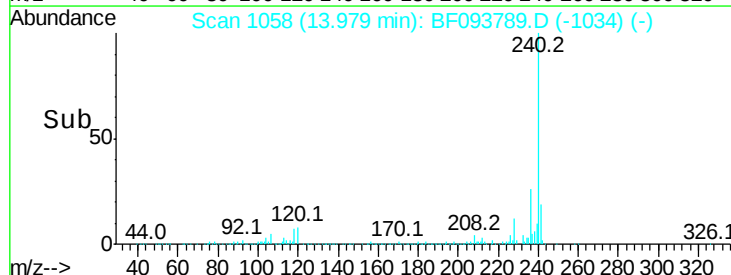
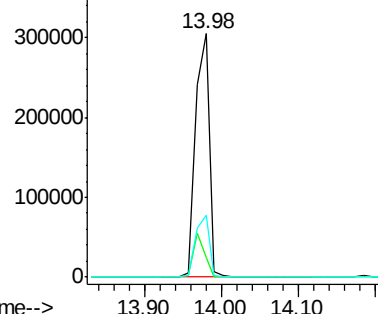


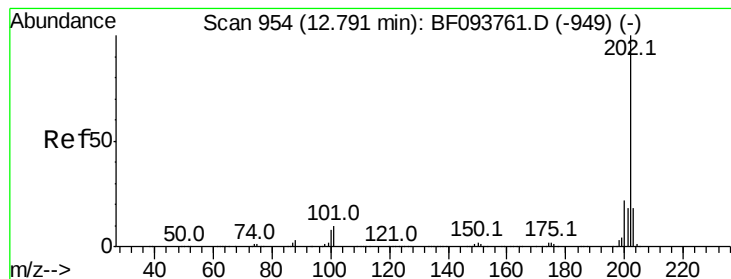
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1058
Delta R.T. -0.02 min
Lab File: BF093789.D
Acq: 21 Mar 2017 2:44

Tgt Ion:240 Resp: 388635
Ion Ratio Lower Upper
240 100
120 7.9 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

Pvrene

Concen: 20.72 ng

RT: 12.78 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF093789.D

Acq: 21 Mar 2017 2:44

Instrument :

BNA_F

ClientSampleId :

CTMIX-3

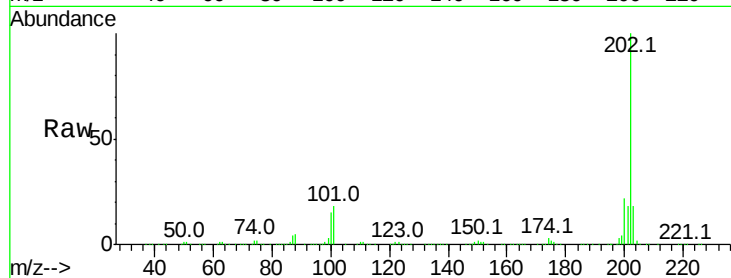
Tot Ion:202 Resp: 670245

Ion Ratio Lower Upper

202 100

200 21.5 17.6 26.4

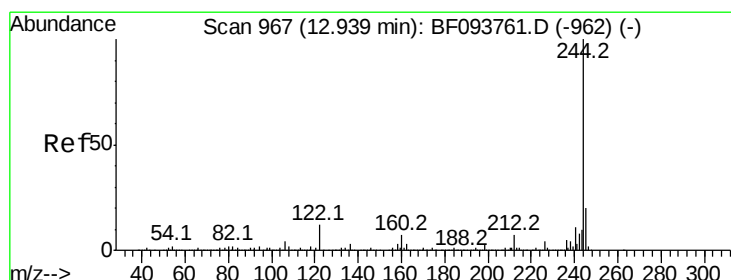
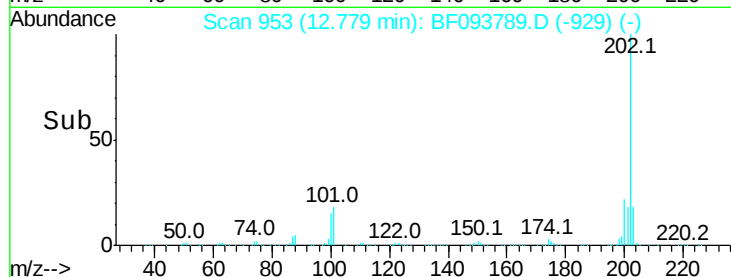
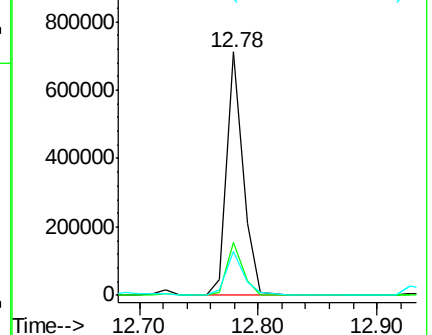
203 18.0 14.4 21.6



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: 1.55 ng

RT: 12.93 min Scan# 966

Delta R.T. -0.02 min

Lab File: BF093789.D

Acq: 21 Mar 2017 2:44

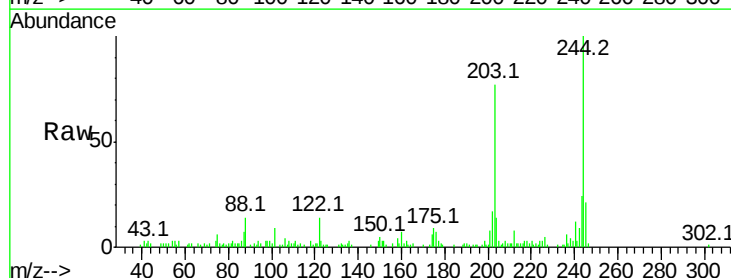
Tgt Ion:244 Resp: 29569

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

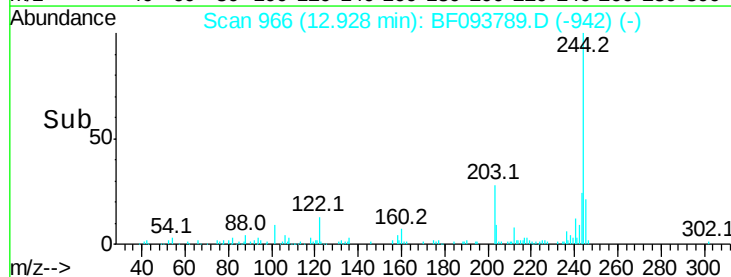
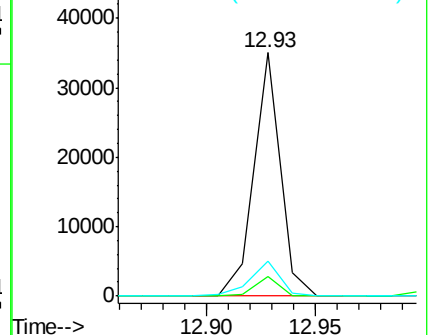
122 14.3 10.3 15.5

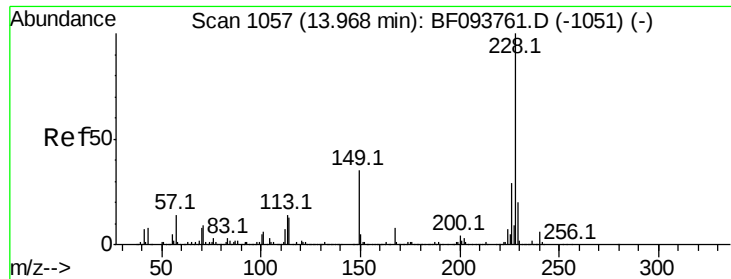


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

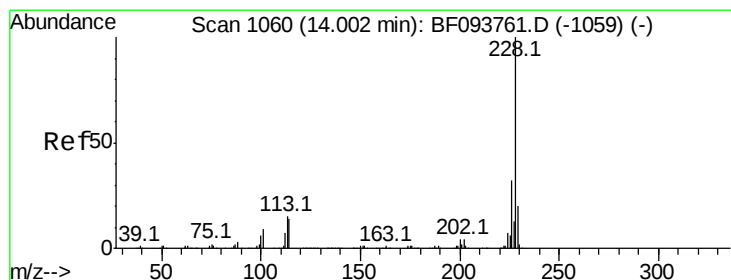
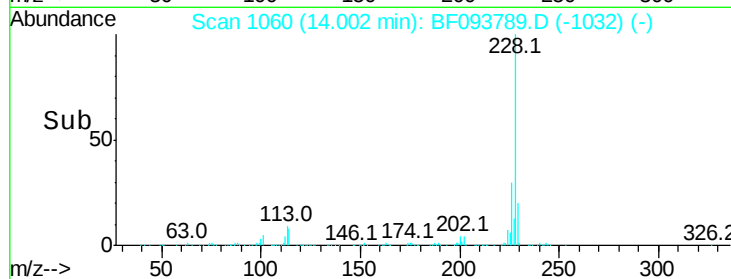
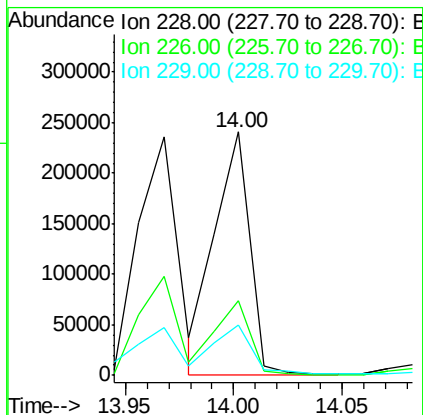
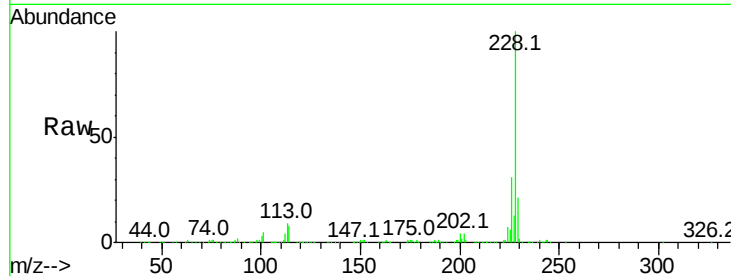




#80
Benzo(a)anthracene
Concen: 10.98 ng
RT: 14.00 min Scan# 1060
Delta R.T. 0.02 min
Lab File: BF093789.D
Acq: 21 Mar 2017 2:44

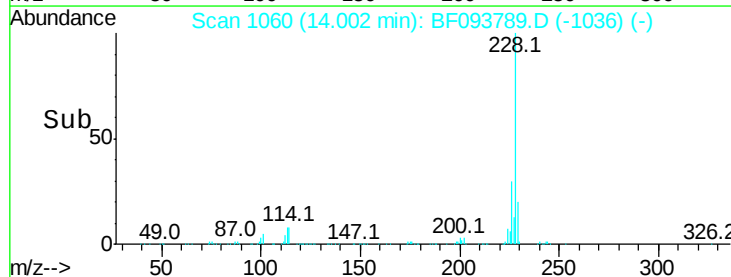
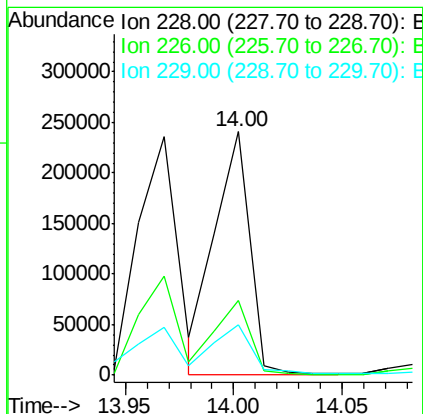
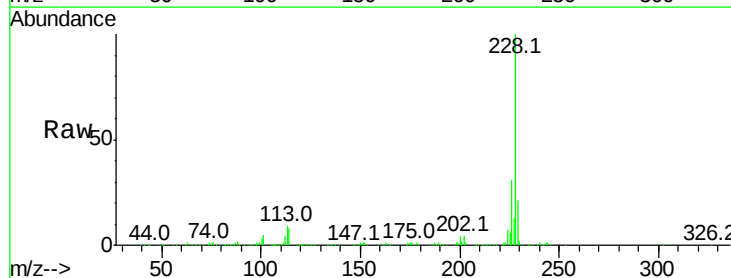
Instrument :
BNA_F
ClientSampleId :
CTMIX-3

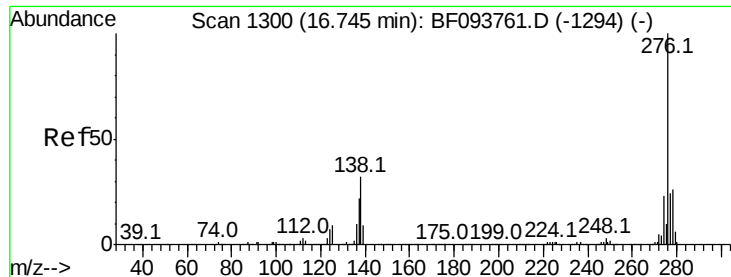
Tot Ion:228 Resp: 267345
Ion Ratio Lower Upper
228 100
226 30.6 22.6 33.8
229 20.8 16.3 24.5



#82
Chrysene
Concen: 10.99 ng
RT: 14.00 min Scan# 1060
Delta R.T. -0.02 min
Lab File: BF093789.D
Acq: 21 Mar 2017 2:44

Tgt Ion:228 Resp: 267361
Ion Ratio Lower Upper
228 100
226 30.6 24.9 37.3
229 20.8 15.8 23.6

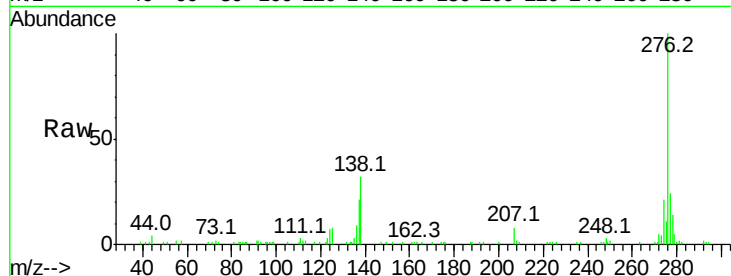




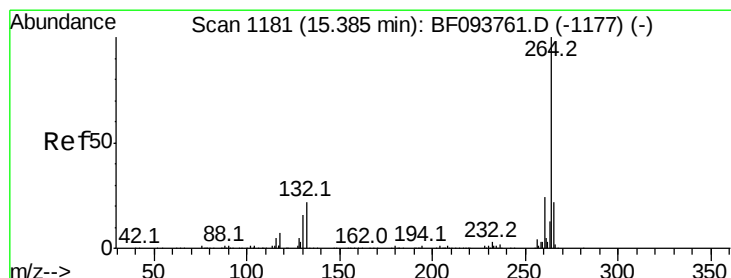
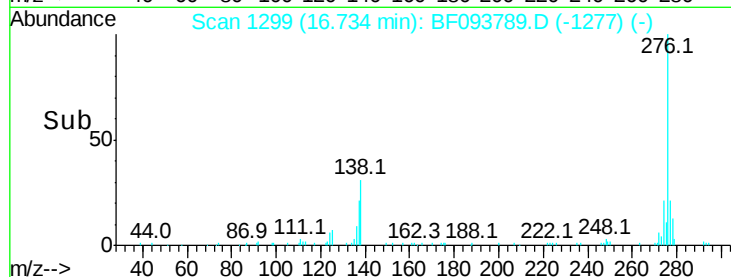
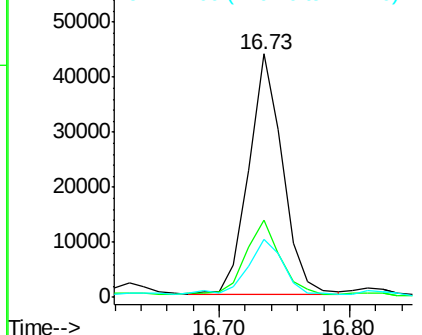
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.97 ng
RT: 16.73 min Scan# 1299
Delta R.T. -0.05 min
Lab File: BF093789.D
Acq: 21 Mar 2017 2:44

Instrument :
BNA_F
ClientSampleId :
CTMIX-3

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.9	27.8	41.6
277	27.0	20.2	30.4

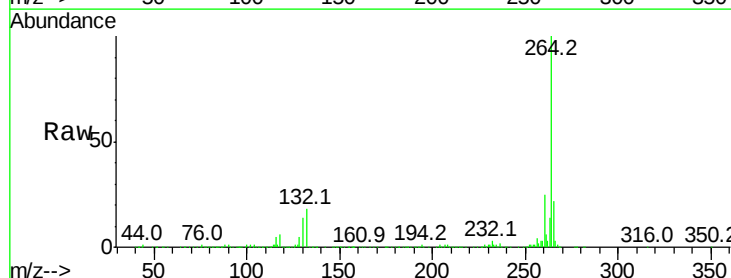


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

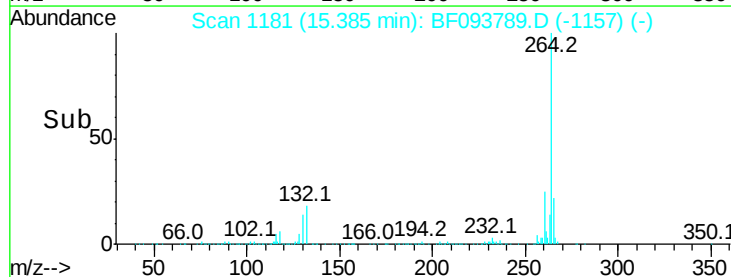
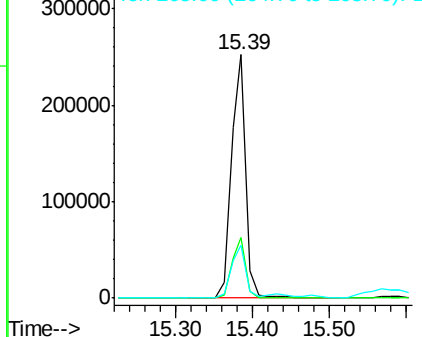


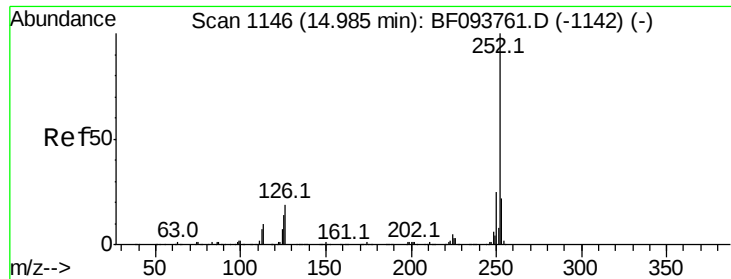
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BF093789.D
Acq: 21 Mar 2017 2:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	22.0	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

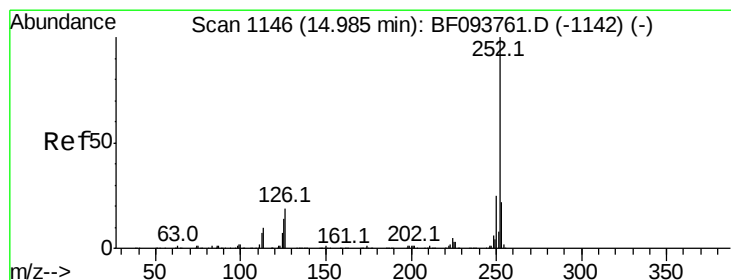
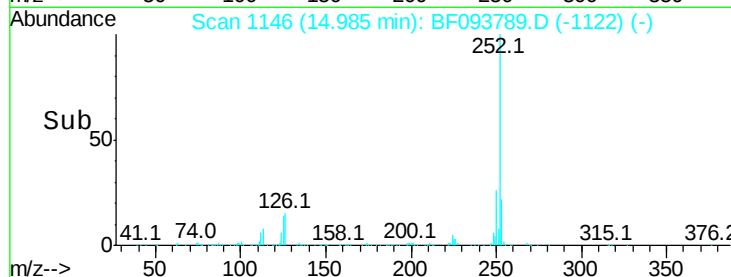
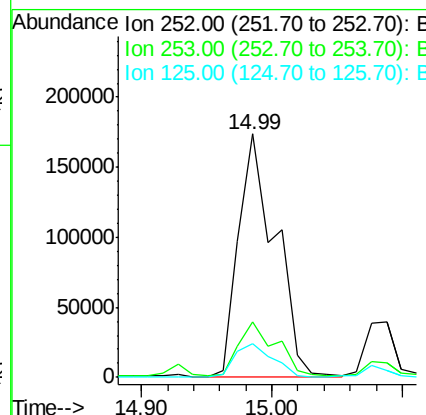
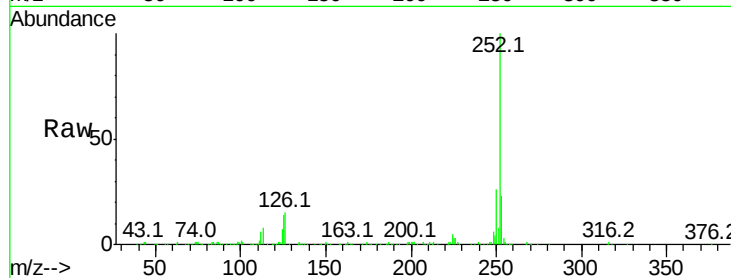




#87
Benzo(b)fluoranthene
Concen: 15.03 ng
RT: 14.99 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BF093789.D
Acq: 21 Mar 2017 2:44

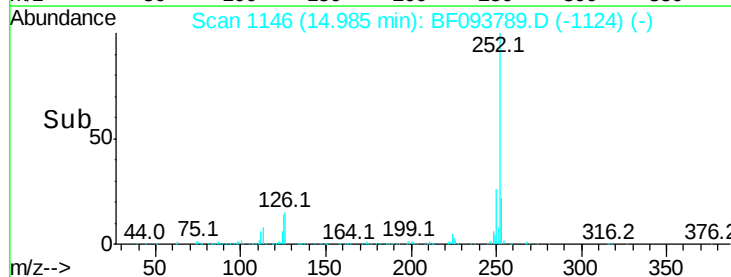
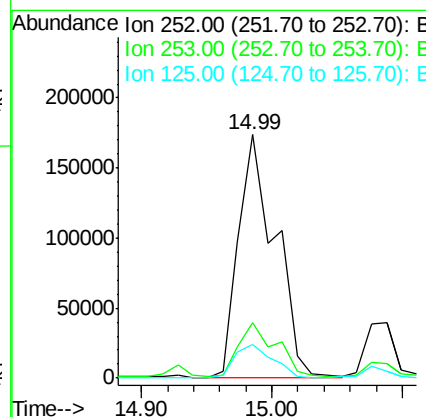
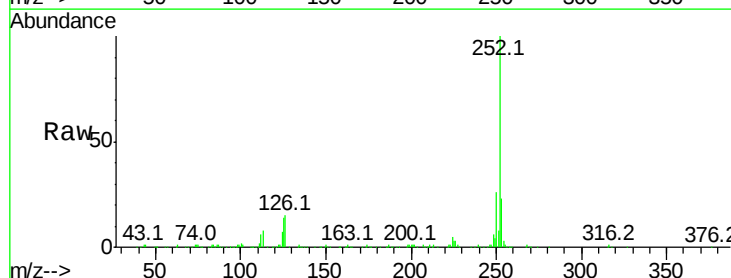
Instrument :
BNA_F
ClientSampleId :
CTMIX-3

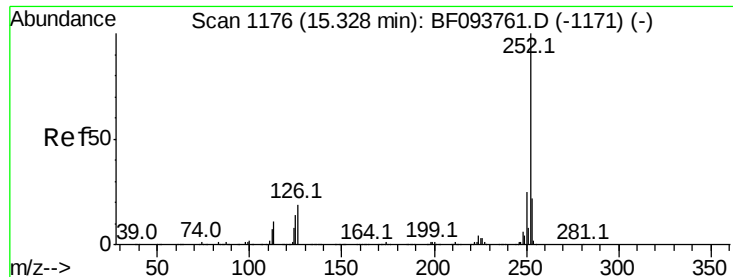
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	14.0	9.8	14.8



#88
Benzo(k)fluoranthene
Concen: 20.36 ng
RT: 14.99 min Scan# 1146
Delta R.T. -0.04 min
Lab File: BF093789.D
Acq: 21 Mar 2017 2:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.4	27.6
125	14.0	13.1	19.7

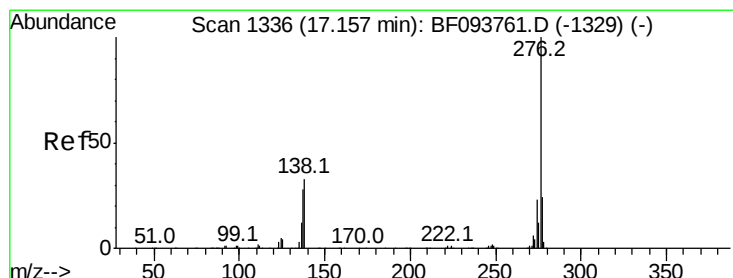
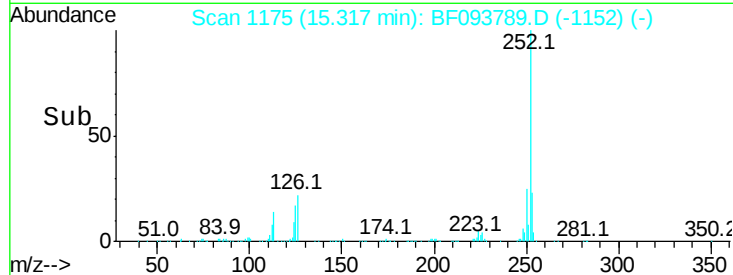
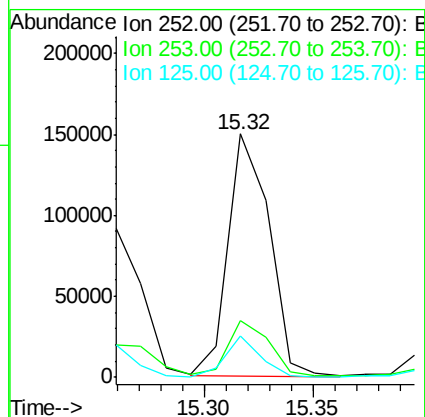
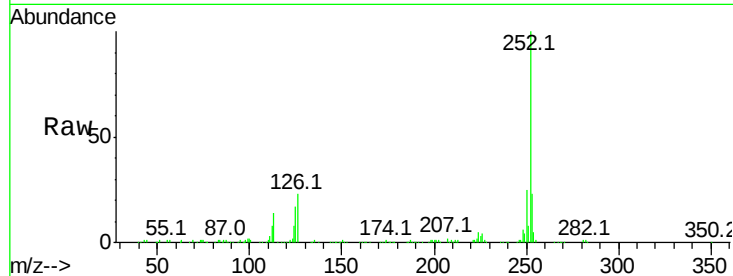




#89
Benzo(a)pyrene
Concen: 10.81 ng
RT: 15.32 min Scan# 1175
Delta R.T. -0.03 min
Lab File: BF093789.D
Acq: 21 Mar 2017 2:44

Instrument :
BNA_F
ClientSampleId :
CTMIX-3

Tot Ion:252 Resp: 197487
Ion Ratio Lower Upper
252 100
253 23.5 17.5 26.3
125 16.9 11.0 16.4#



#91
Benzo(g,h,i)perylene
Concen: 4.78 ng
RT: 17.15 min Scan# 1335
Delta R.T. -0.05 min
Lab File: BF093789.D
Acq: 21 Mar 2017 2:44

Tgt Ion:276 Resp: 71944
Ion Ratio Lower Upper
276 100
277 23.5 18.6 28.0
138 30.0 25.4 38.0

