

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030217\
 Data File : BF093360.D
 Acq On : 3 Mar 2017 13:50
 Operator : SJ/MA
 Sample : I2003-01 10X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB421ADL

Quant Time: Mar 03 14:44:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	144347	20.00	ng	-0.06
21) Naphthalene-d8	8.10	136	501702	20.00	ng	-0.05
38) Acenaphthene-d10	9.86	164	198303	20.00	ng	-0.03
63) Phenanthrene-d10	11.36	188	338819	20.00	ng	-0.02
75) Chrysene-d12	13.99	240	299372	20.00	ng	-0.03
86) Perylene-d12	15.41	264	267928	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	60667	7.21	ng	-0.06
7) Phenol-d6	6.45	99	78874	7.29	ng	-0.03
23) Nitrobenzene-d5	7.37	82	57144	6.34	ng	-0.06
41) 2,4,6-Tribromophenol	10.67	330	10239	7.14	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	90095	8.23	ng	-0.05
78) Terphenyl-d14	12.93	244	56131	4.41	ng	-0.03

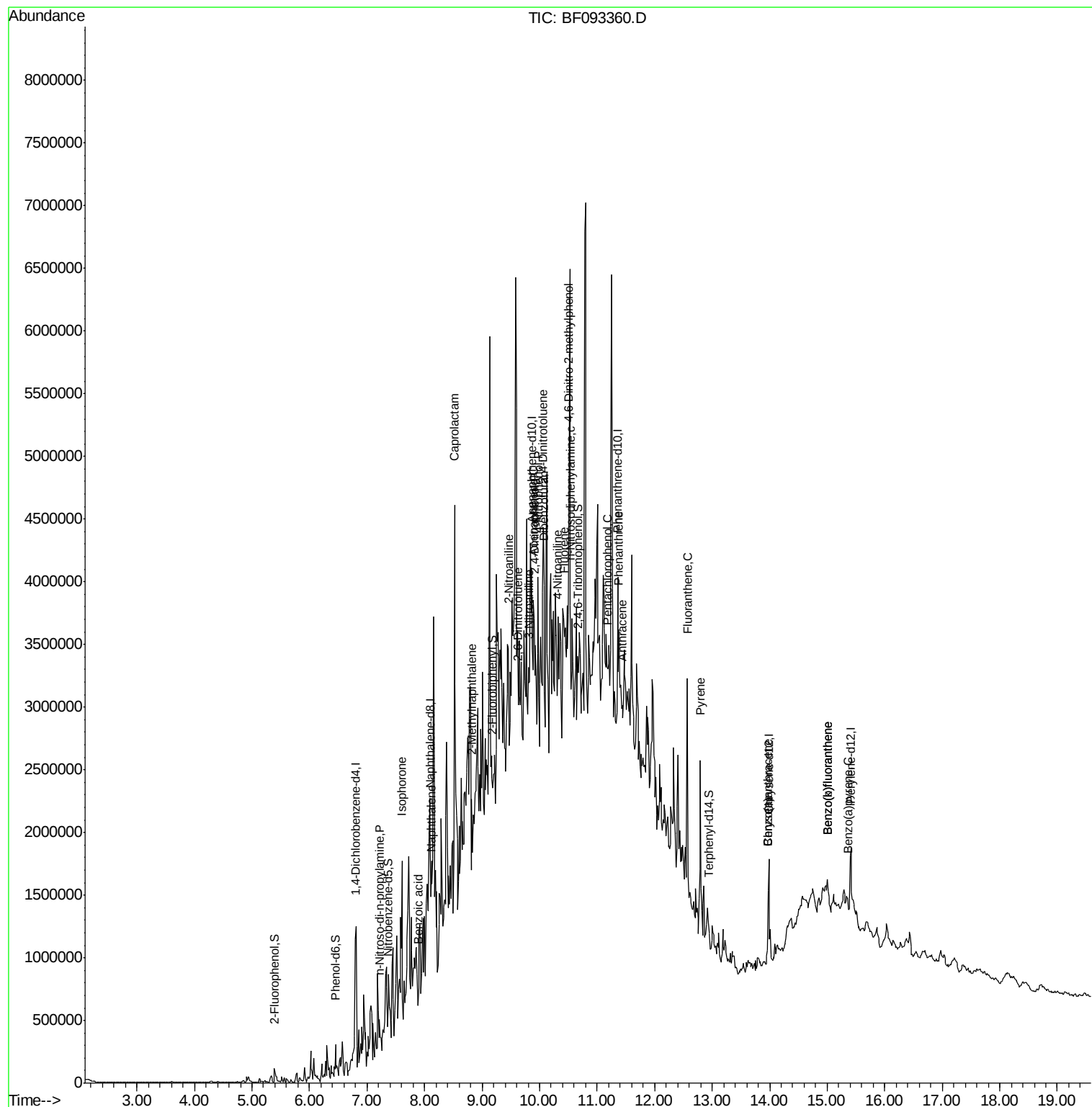
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.22	70	18711	2.72	ng	# 67
25) Isophorone	7.61	82	46988	2.80	ng	# 1
31) Naphthalene	8.11	128	109156	4.29	ng	# 76
32) Benzoic acid	7.89	122	9003	8.92	ng	# 1
35) Caprolactam	8.52	113	97598	43.08	ng	# 1
37) 2-Methylnaphthalene	8.82	142	136391	8.35	ng	96
47) 2-Nitroaniline	9.46	65	9265	2.45	ng	# 59
50) 2,6-Dinitrotoluene	9.63	165	16354	5.67	ng	# 75
51) Acenaphthene	9.89	154	173207	14.93	ng	93
52) 3-Nitroaniline	9.81	138	20006	6.06	ng	# 27
53) 2,4-Dinitrophenol	9.90	184	1652	5.79	ng	# 1
54) Dibenzofuran	10.08	168	70701	4.56	ng	# 17
55) 4-Nitrophenol	9.97	139	37466	15.76	ng	# 23
56) 2,4-Dinitrotoluene	10.06	165	18765	4.89	ng	# 50
57) Fluorene	10.42	166	154020	12.90	ng	# 91
61) 4-Nitroaniline	10.32	138	14606	4.32	ng	86
64) 4,6-Dinitro-2-methylphenol	10.51	198	4660	4.80	ng	# 1
65) n-Nitrosodiphenylamine	10.53	169	314544	29.06	ng	# 46
69) Pentachlorophenol	11.18	266	2049	8.23	ng	# 49
70) Phenanthrene	11.38	178	345700	17.81	ng	# 94
71) Anthracene	11.44	178	89500	4.59	ng	# 84
74) Fluoranthene	12.57	202	684154	34.17	ng	98
77) Pyrene	12.80	202	687338	30.68	ng	99
80) Benzo(a)anthracene	13.97	228	175850	9.60	ng	98
82) Chrysene	13.97	228	175850	10.26	ng	94
87) Benzo(b)fluoranthene	15.00	252	142400	8.07	ng	# 80
88) Benzo(k)fluoranthene	15.00	252	142400	9.35	ng	# 80
89) Benzo(a)pyrene	15.36	252	58312	3.82	ng	# 71

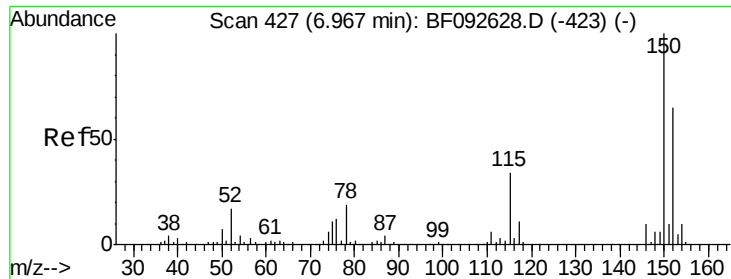
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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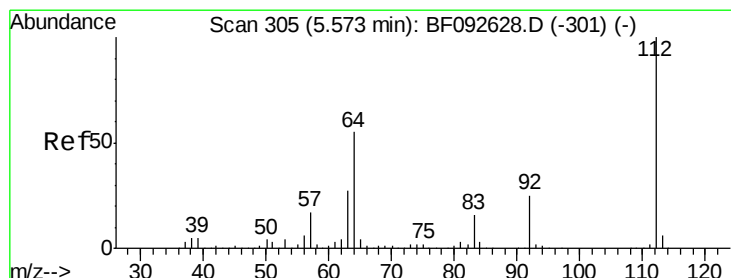
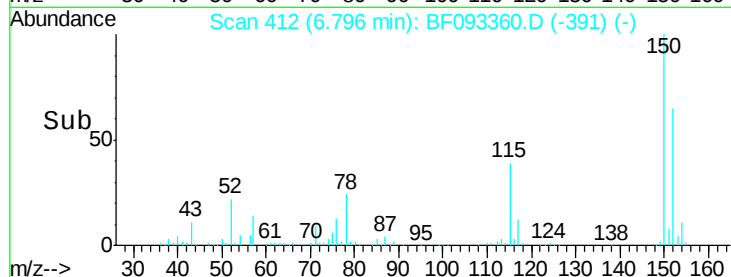
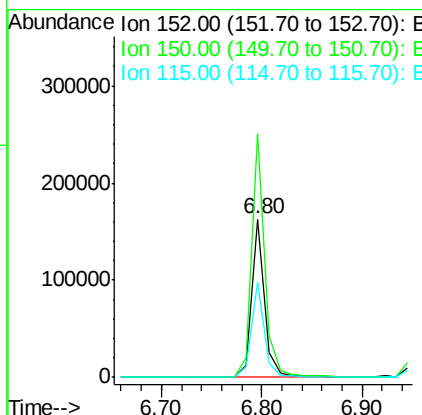
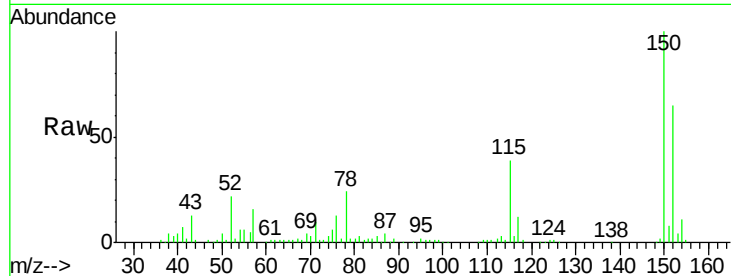


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.06 min
Lab File: BF093360.D
Acq: 3 Mar 2017 13:50

Instrument :
BNA_F
ClientSampleId :
HY-SB421ADL

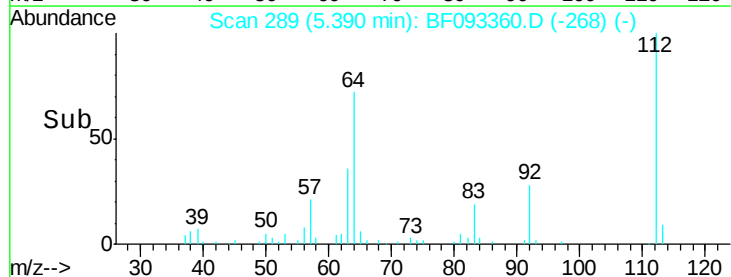
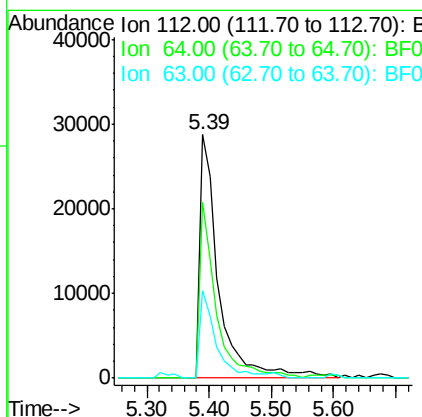
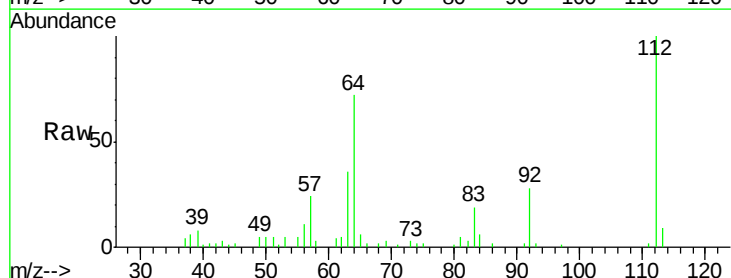
Tot Ion:152 Resp: 144347
Ion Ratio Lower Upper
152 100
150 154.2 124.9 187.3
115 60.0 46.0 69.0

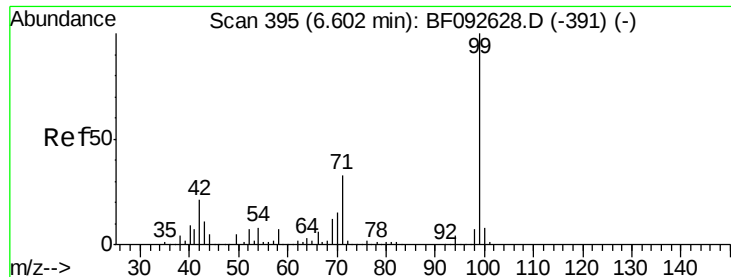


#5

2-Fluorophenol
Concen: 7.21 ng
RT: 5.39 min Scan# 289
Delta R.T. -0.06 min
Lab File: BF093360.D
Acq: 3 Mar 2017 13:50

Tgt Ion:112 Resp: 60667
Ion Ratio Lower Upper
112 100
64 72.0 46.1 69.1#
63 36.0 23.8 35.6#





#7

Phenol-d6

Concen: 7.29 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.03 min

Lab File: BF093360.D

Acq: 3 Mar 2017 13:50

Instrument :

BNA_F

ClientSampleId :

HY-SB421ADL

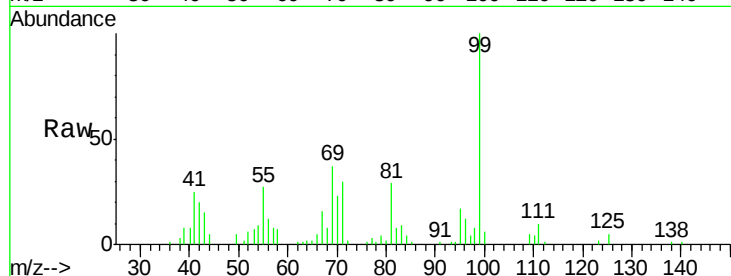
Tot Ion: 99 Resp: 78874

Ion Ratio Lower Upper

99 100

42 19.8 15.6 23.4

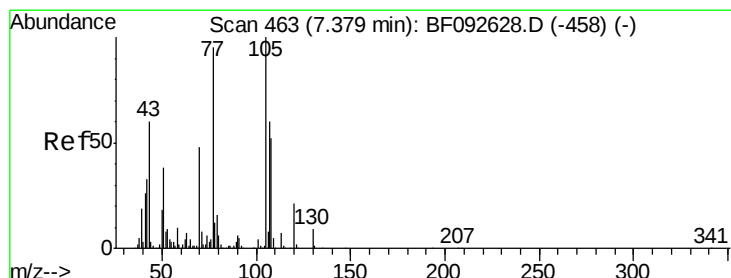
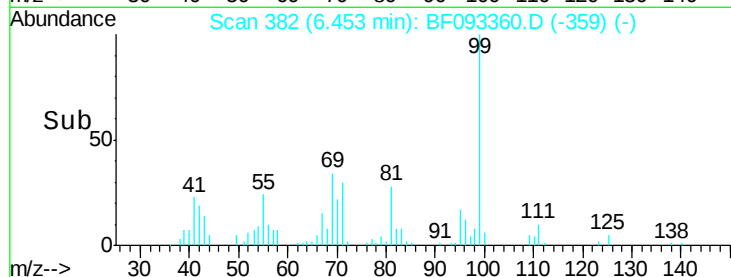
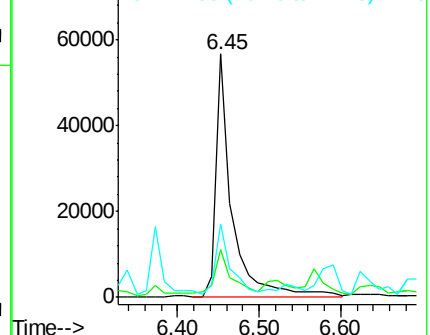
71 30.3 27.5 41.3



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: 2.72 ng

RT: 7.22 min Scan# 449

Delta R.T. -0.06 min

Lab File: BF093360.D

Acq: 3 Mar 2017 13:50

Tgt Ion: 70 Resp: 18711

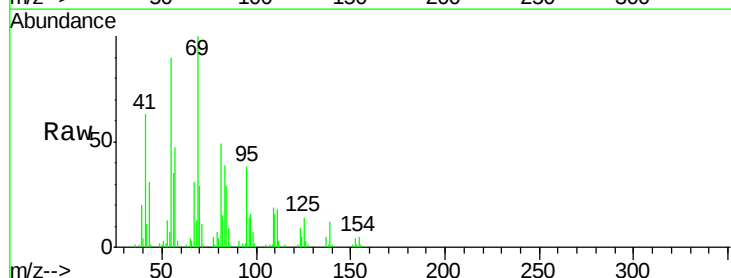
Ion Ratio Lower Upper

70 100

42 37.2 49.4 74.0#

101 0.0 7.4 11.2#

130 0.0 14.2 21.4#

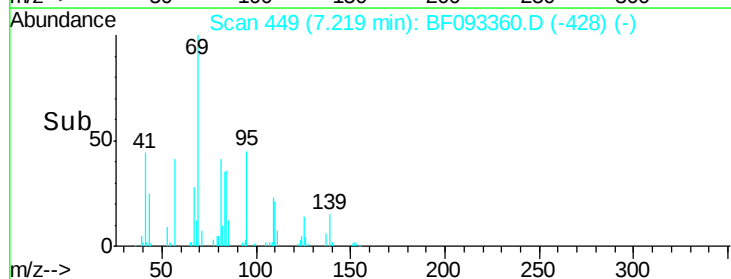
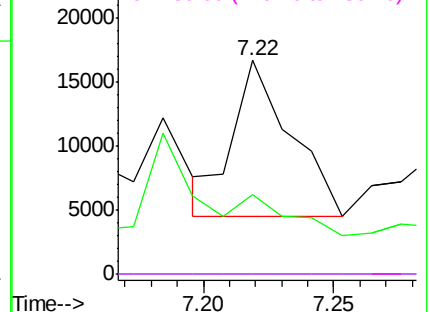


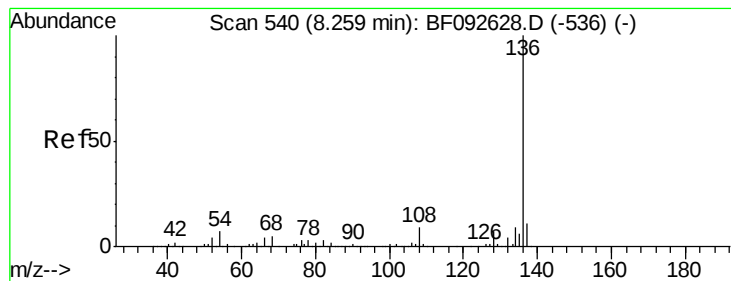
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.10 min Scan# 526

Delta R.T. -0.05 min

Lab File: BF093360.D

Acq: 3 Mar 2017 13:50

Instrument :

BNA_F

ClientSampleId :

HY-SB421ADL

Tot Ion:136 Resp: 501702

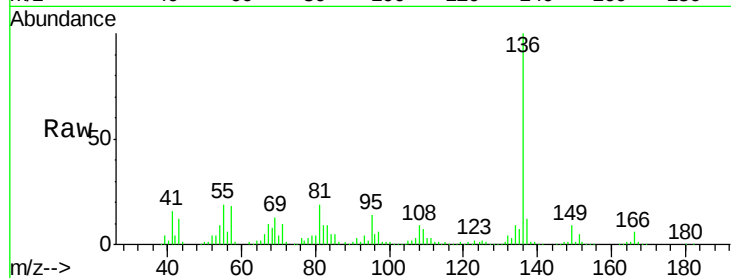
Ion Ratio Lower Upper

136 100

137 12.3 8.4 12.6

54 9.0 4.5 6.7#

68 7.8 3.6 5.4#

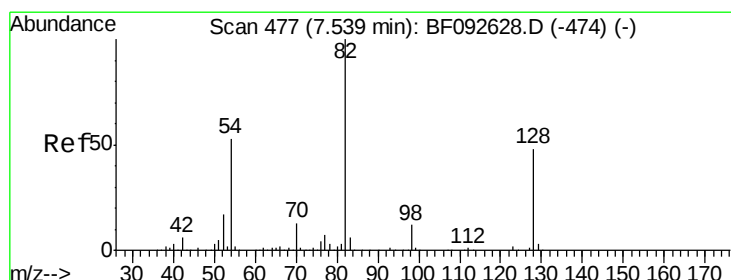
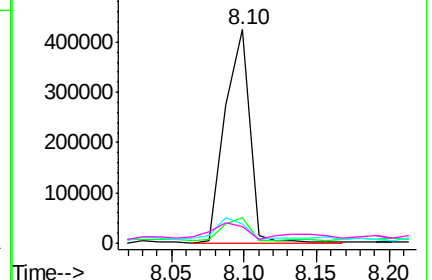
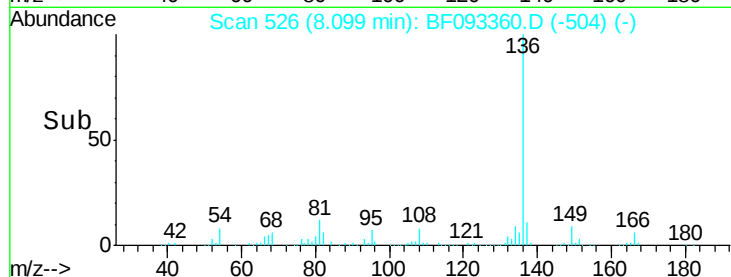


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 6.34 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.06 min

Lab File: BF093360.D

Acq: 3 Mar 2017 13:50

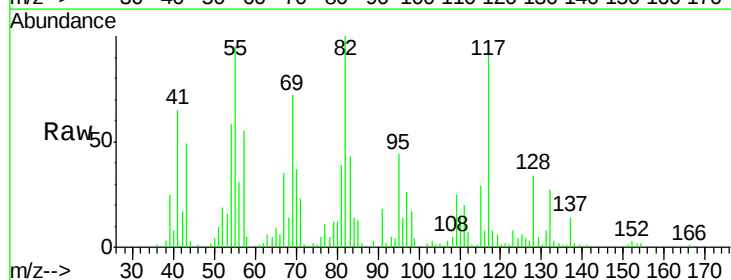
Tgt Ion: 82 Resp: 57144

Ion Ratio Lower Upper

82 100

128 33.8 34.6 52.0#

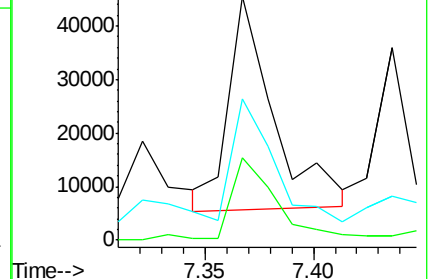
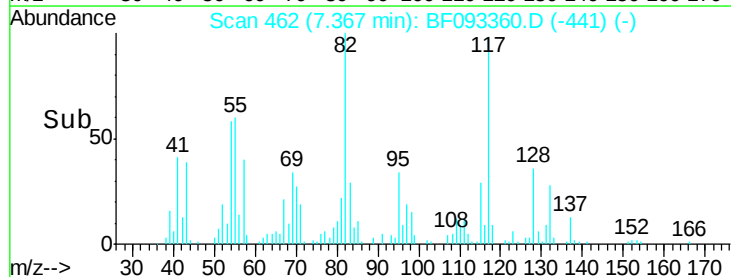
54 58.1 39.5 59.3

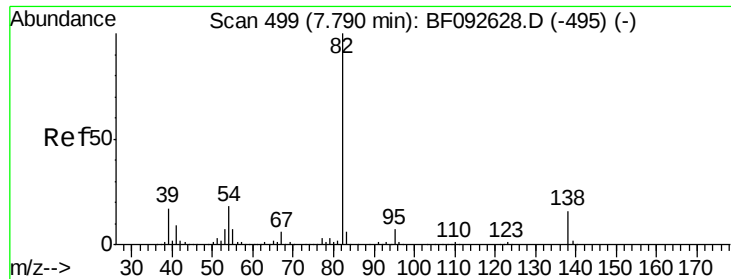


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 2.80 ng

RT: 7.61 min Scan# 483

Delta R.T. -0.08 min

Lab File: BF093360.D

Acq: 3 Mar 2017 13:50

Instrument :

BNA_F

ClientSampleId :

HY-SB421ADL

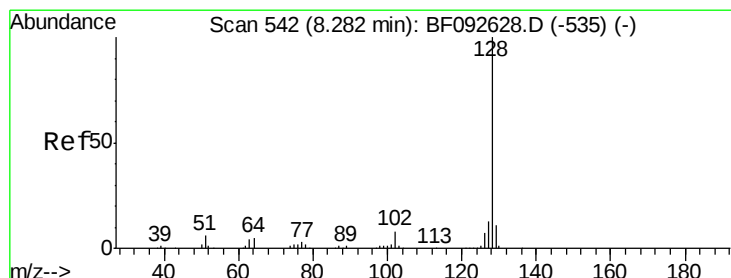
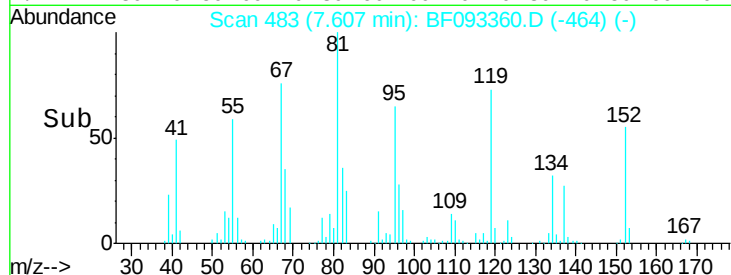
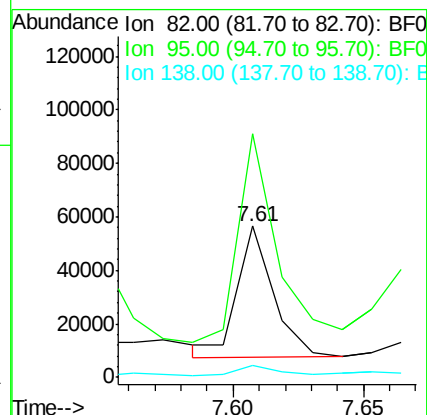
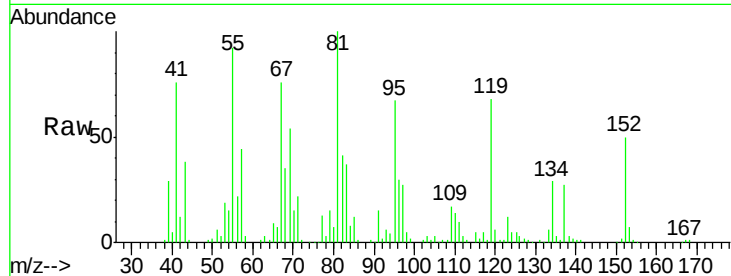
Tot Ion: 82 Resp: 46988

Ion Ratio Lower Upper

82 100

95 161.2 5.6 8.4#

138 8.2 14.6 22.0#



#31

Naphthalene

Concen: 4.29 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.06 min

Lab File: BF093360.D

Acq: 3 Mar 2017 13:50

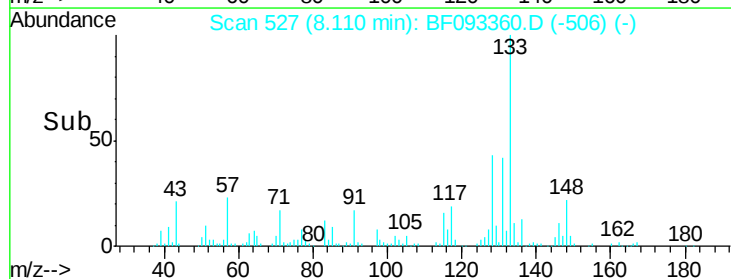
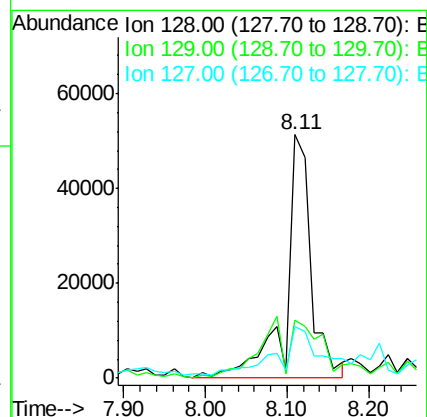
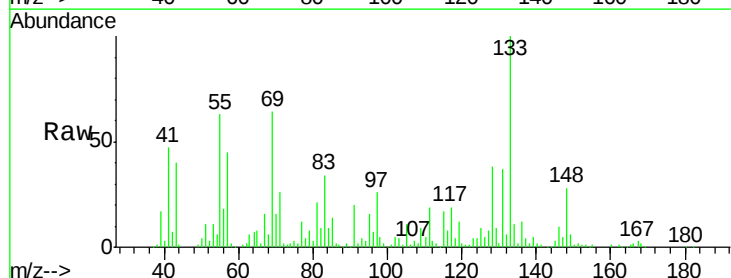
Tgt Ion: 128 Resp: 109156

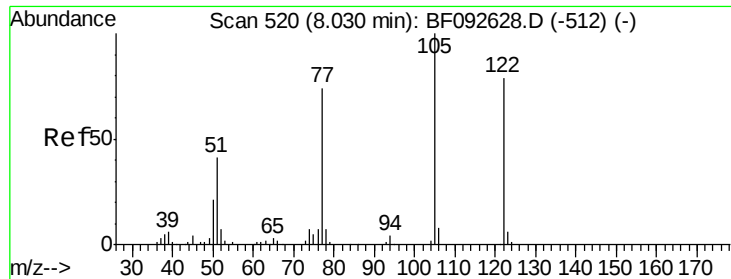
Ion Ratio Lower Upper

128 100

129 23.8 9.5 14.3#

127 21.1 10.8 16.2#

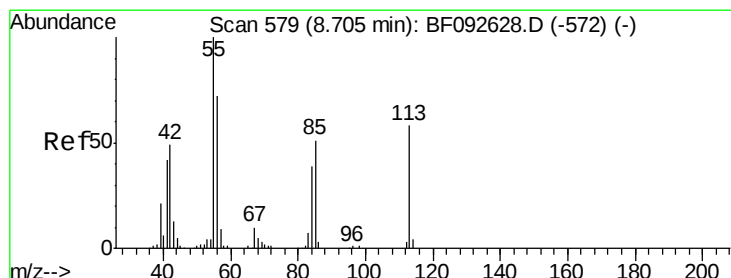
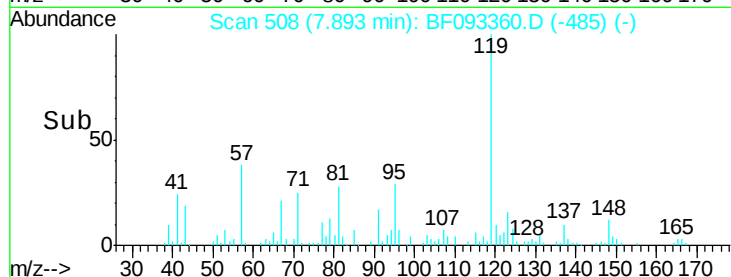
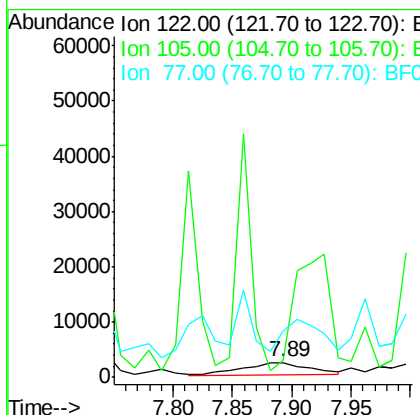
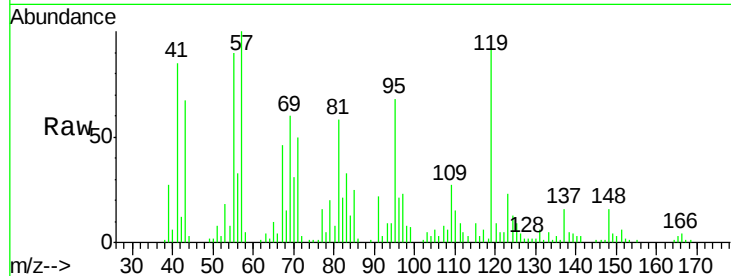




#32
Benzoic acid
Concen: 8.92 ng
RT: 7.89 min Scan# 508
Delta R.T. -0.03 min
Lab File: BF093360.D
Acq: 3 Mar 2017 13:50

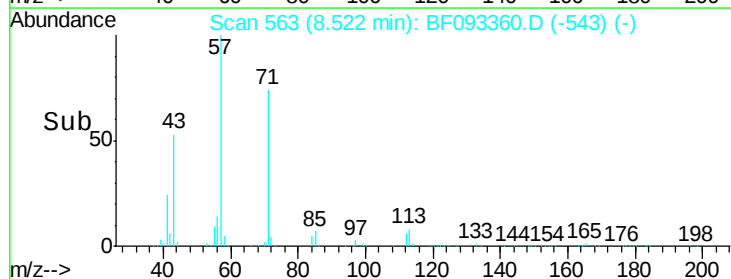
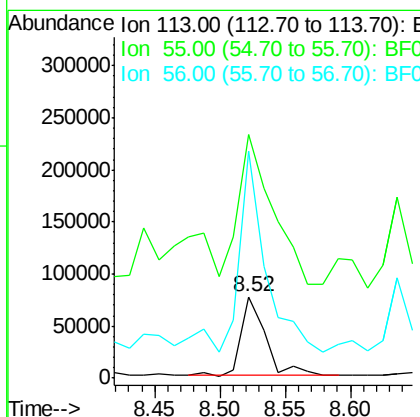
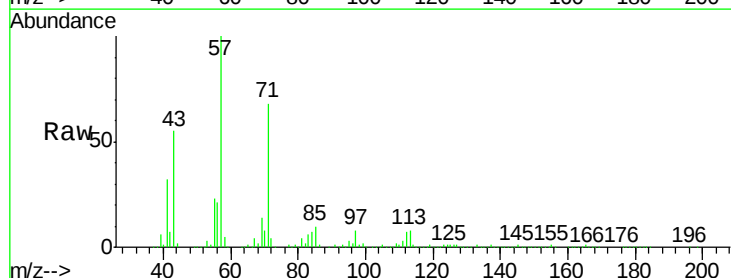
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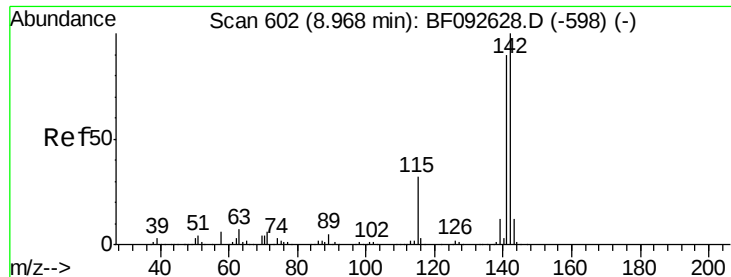
Tot Ion:122 Resp: 9003
Ion Ratio Lower Upper
122 100
105 120.4 107.2 147.2
77 321.5 74.5 114.5#



#35
Caprolactam
Concen: 43.08 ng
RT: 8.52 min Scan# 563
Delta R.T. -0.07 min
Lab File: BF093360.D
Acq: 3 Mar 2017 13:50

Tgt Ion:113 Resp: 97598
Ion Ratio Lower Upper
113 100
55 299.9 119.2 159.2#
56 280.1 83.8 123.8#

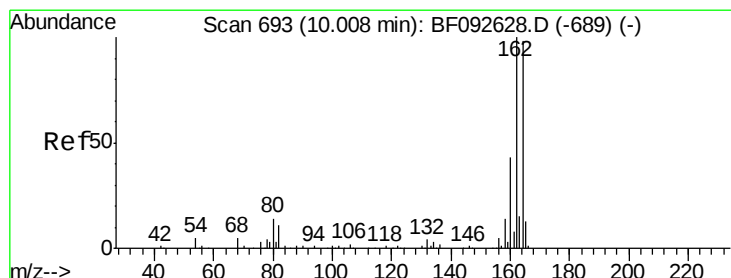
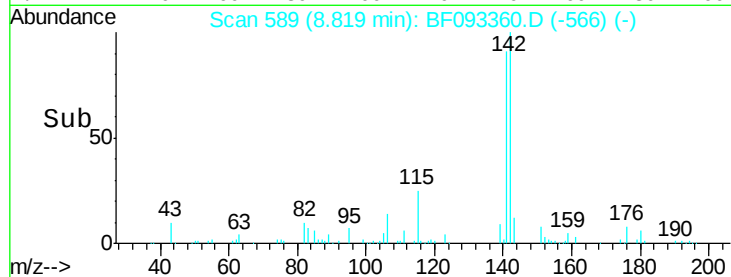
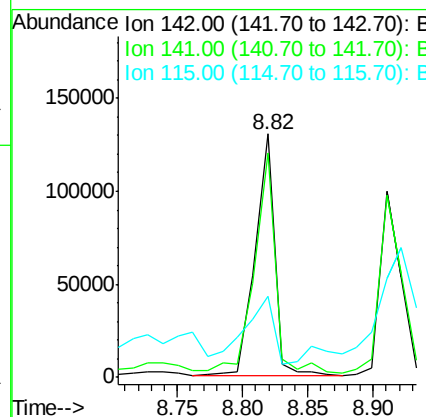
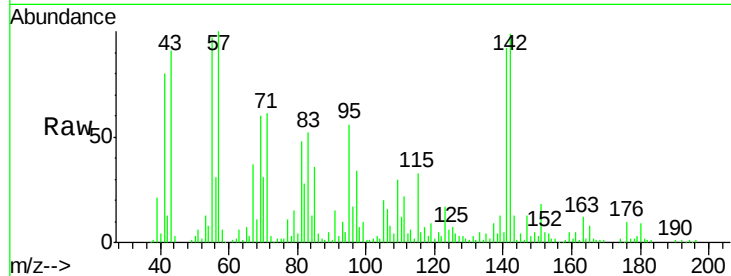




#37
 2-Methylnaphthalene
 Concen: 8.35 ng
 RT: 8.82 min Scan# 589
 Delta R.T. -0.03 min
 Lab File: BF093360.D
 Acq: 3 Mar 2017 13:50

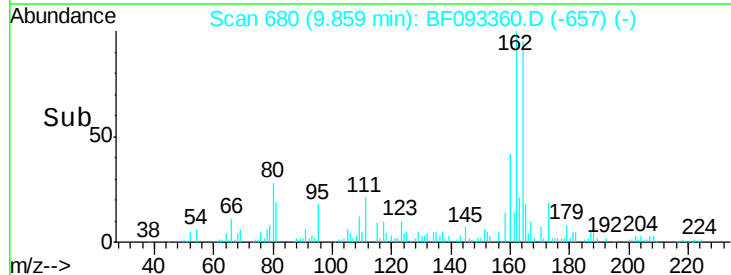
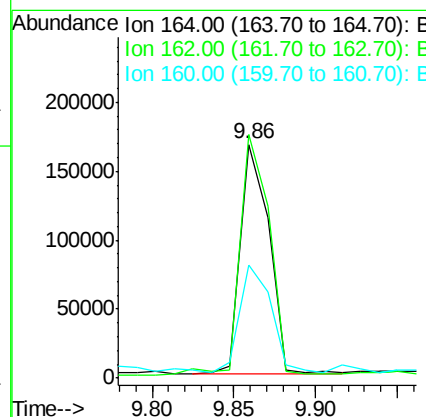
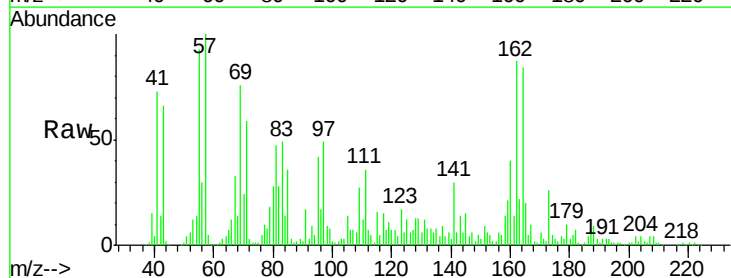
Instrument :
 BNA_F
 ClientSampleId :
 HY-SB421ADL

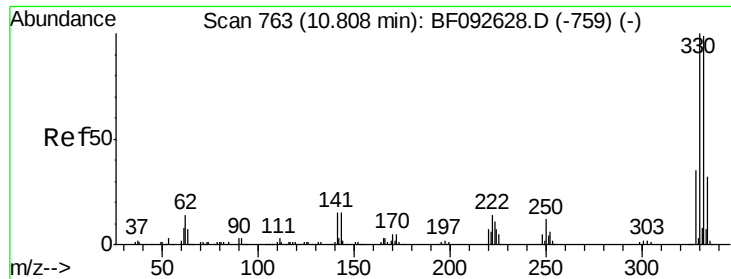
Tot Ion:142 Resp: 136391
 Ion Ratio Lower Upper
 142 100
 141 92.2 71.0 106.6
 115 33.5 28.3 42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.03 min
 Lab File: BF093360.D
 Acq: 3 Mar 2017 13:50

Tgt Ion:164 Resp: 198303
 Ion Ratio Lower Upper
 164 100
 162 104.3 80.2 120.2
 160 48.2 36.9 55.3

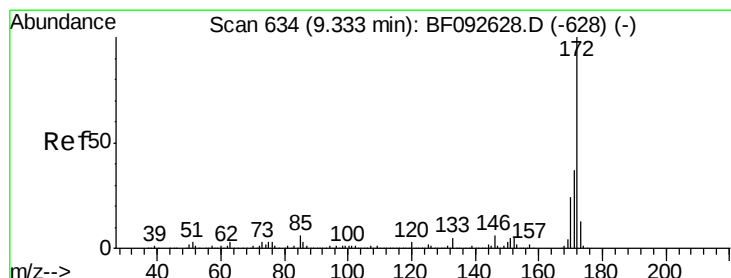
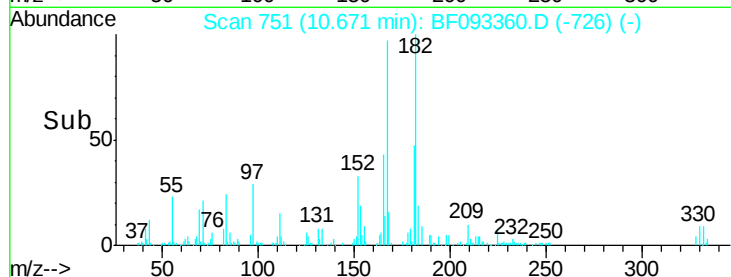
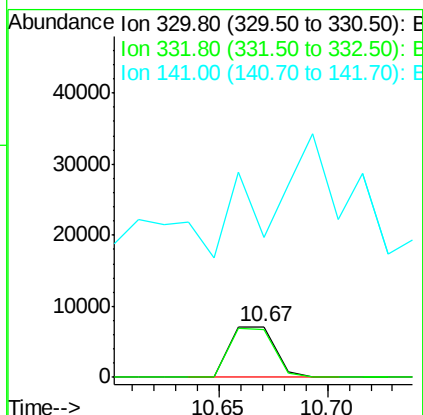
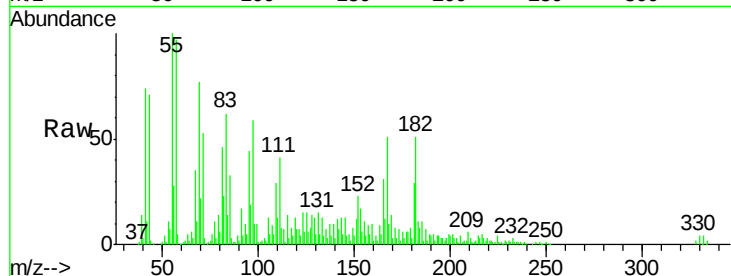




#41
 2,4,6-Tribromophenol
 Concen: 7.14 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093360.D
 Acq: 3 Mar 2017 13:50

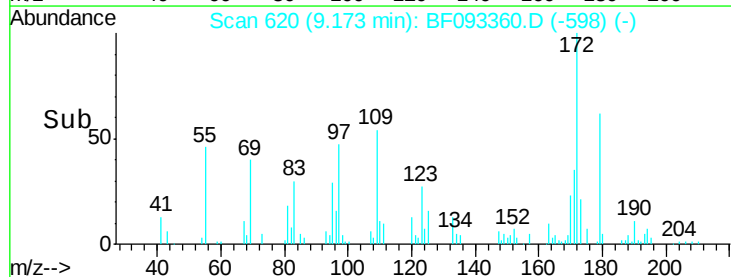
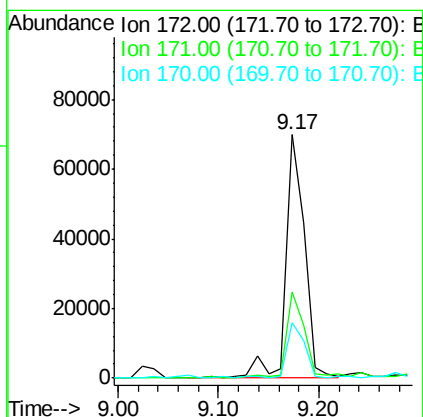
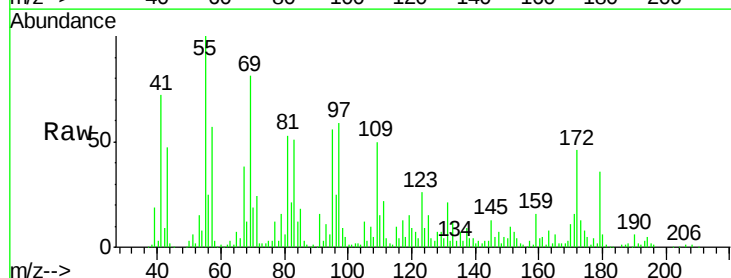
Instrument :
 BNA_F
 ClientSampleId :
 HY-SB421ADL

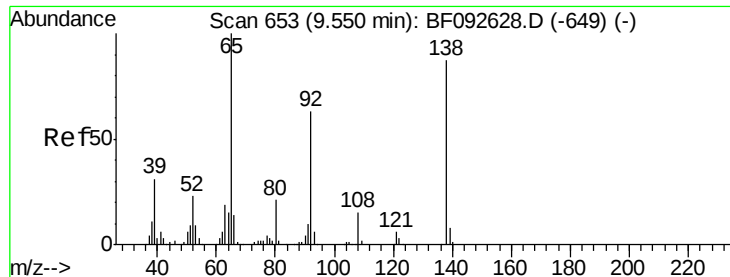
Tot Ion:330 Resp: 10239
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.4 116.2
 141 0.0 34.1 51.1#



#44
 2-Fluorobiphenyl
 Concen: 8.23 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF093360.D
 Acq: 3 Mar 2017 13:50

Tgt Ion:172 Resp: 90095
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.4 44.0
 170 22.8 20.2 30.4

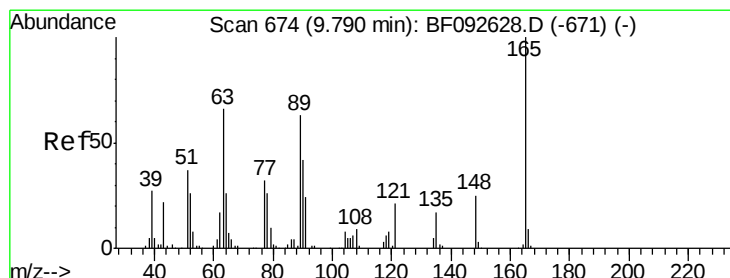
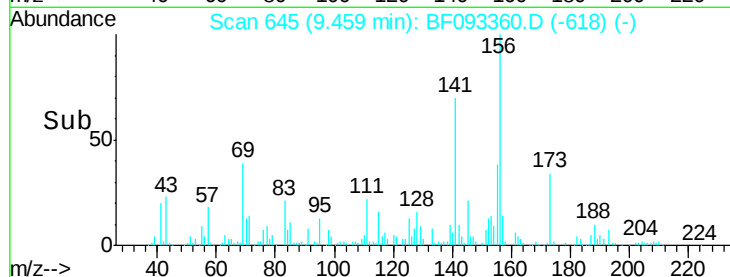
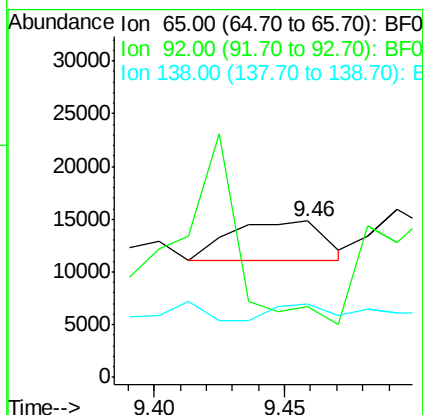
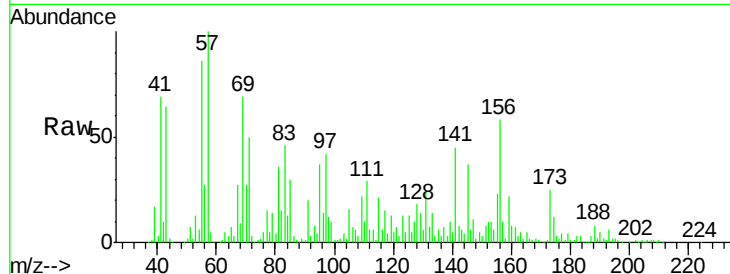




#47
2-Nitroaniline
Concen: 2.45 na
RT: 9.46 min Scan# 645
Delta R.T. 0.01 min
Lab File: BF093360.D
Acq: 3 Mar 2017 13:50

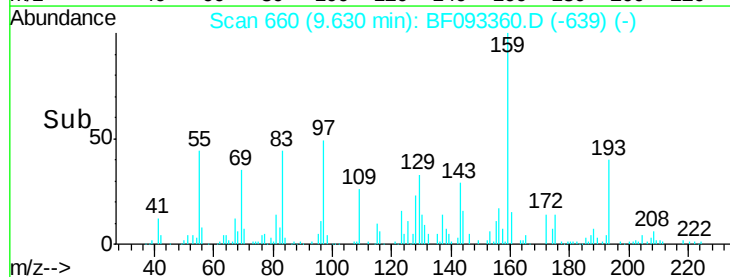
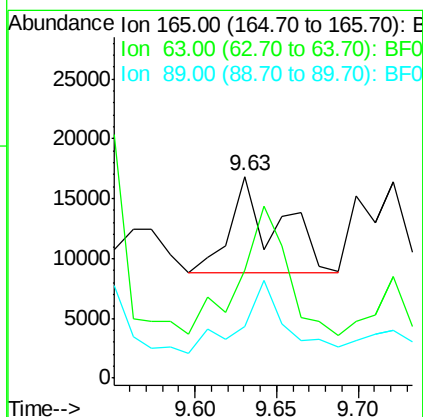
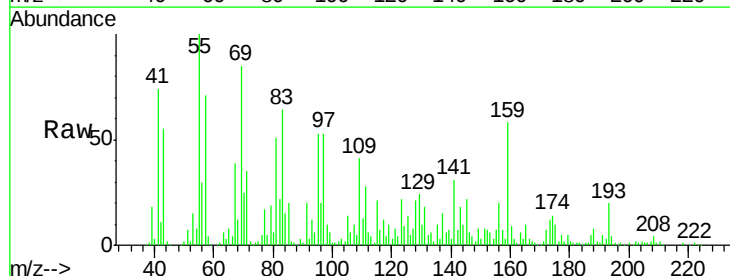
Instrument :
BNA_F
ClientSampleId :
HY-SB421ADL

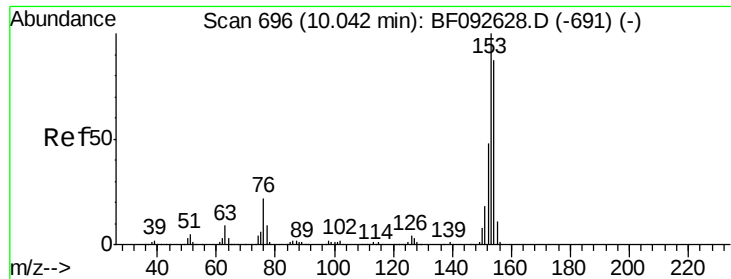
Tot Ion: 65 Resp: 9265
Ion Ratio Lower Upper
65 100
92 45.6 53.9 80.9#
138 47.0 76.8 115.2#



#50
2,6-Dinitrotoluene
Concen: 5.67 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.06 min
Lab File: BF093360.D
Acq: 3 Mar 2017 13:50

Tgt Ion:165 Resp: 16354
Ion Ratio Lower Upper
165 100
63 53.8 36.2 54.4
89 25.5 40.2 60.4#





#51

Acenaphthene

Concen: 14.93 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.03 min

Lab File: BF093360.D

Acq: 3 Mar 2017 13:50

Instrument :

BNA_F

ClientSampleId :

HY-SB421ADL

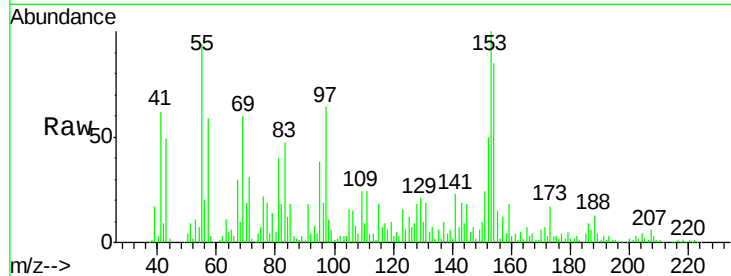
Tot Ion:154 Resp: 173207

Ion Ratio Lower Upper

154 100

153 117.0 88.6 133.0

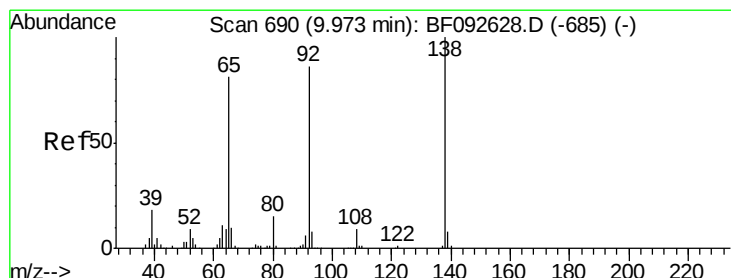
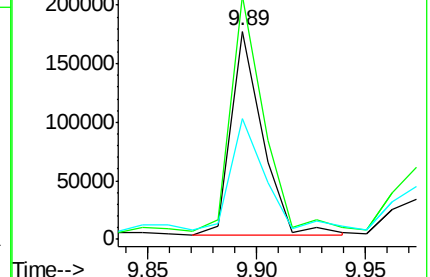
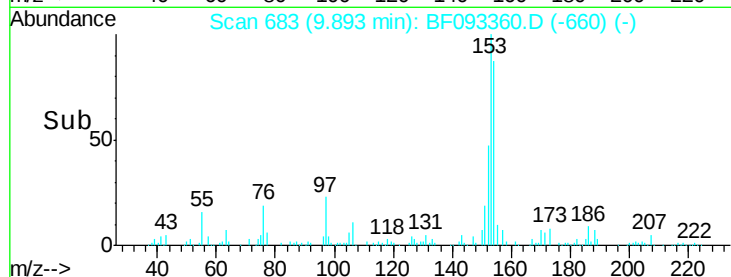
152 58.2 41.6 62.4



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



#52

3-Nitroaniline

Concen: 6.06 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.05 min

Lab File: BF093360.D

Acq: 3 Mar 2017 13:50

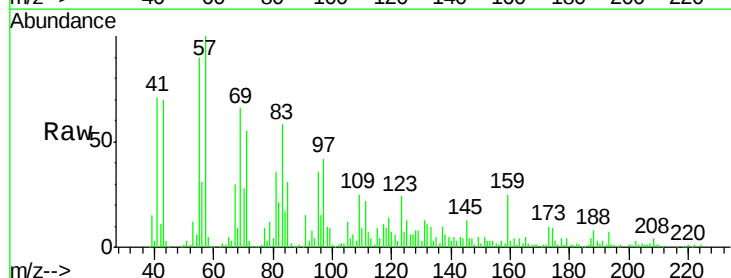
Tgt Ion:138 Resp: 20006

Ion Ratio Lower Upper

138 100

108 59.9 8.5 12.7#

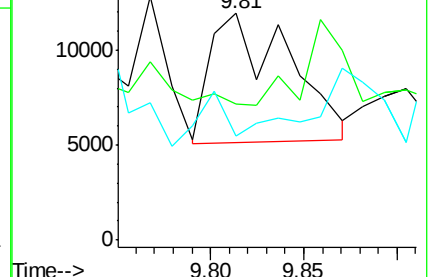
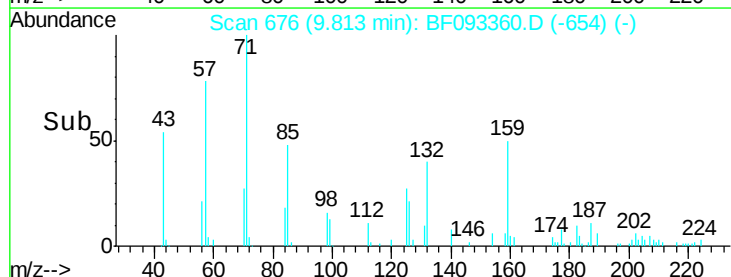
92 46.2 97.8 146.8#

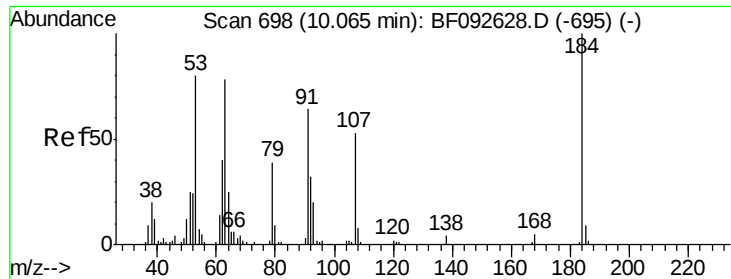


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

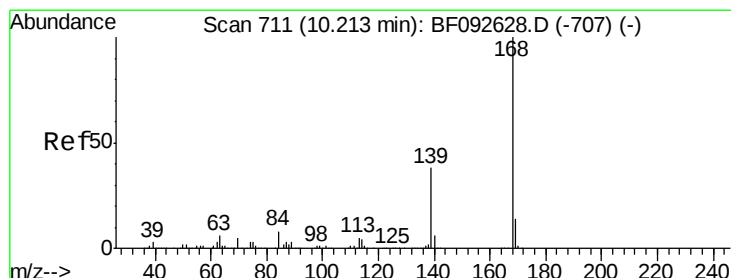
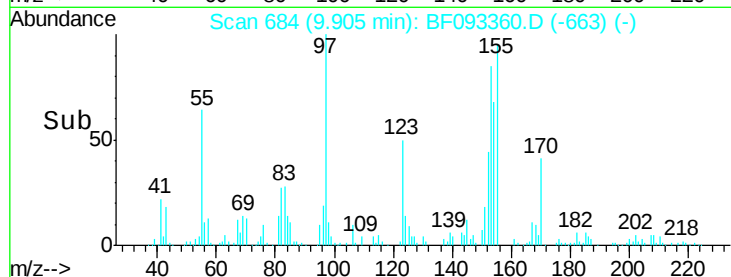
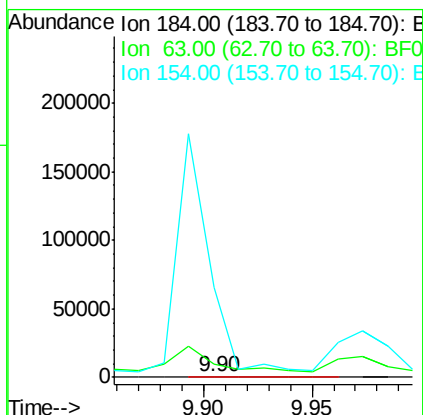
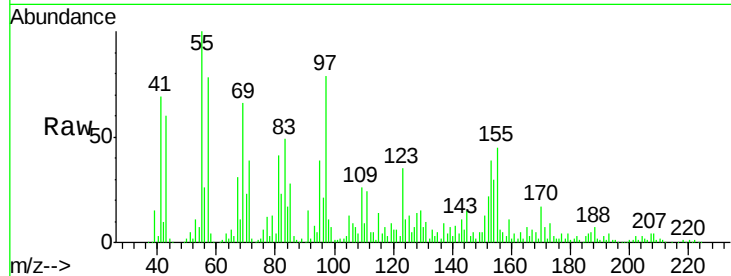




#53
2,4-Dinitrophenol
Concen: 5.79 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.06 min
Lab File: BF093360.D
Acq: 3 Mar 2017 13:50

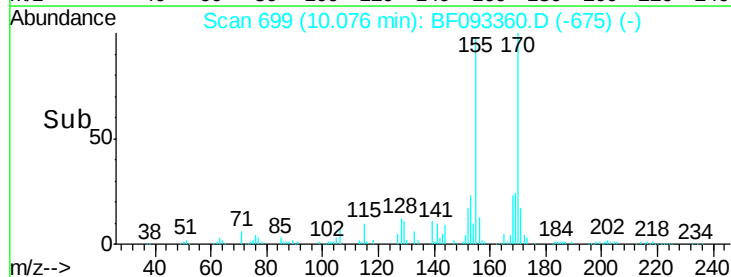
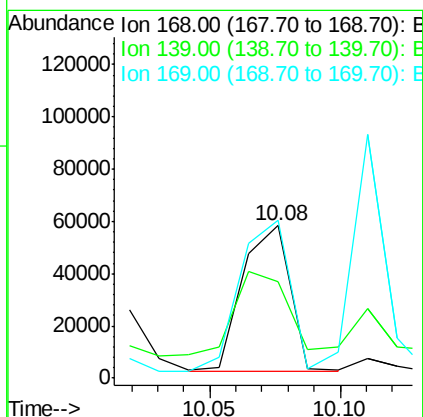
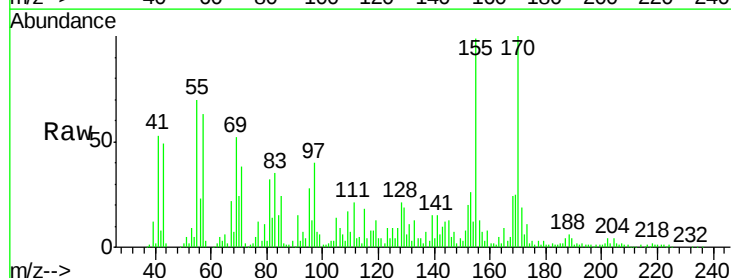
Instrument :
BNA_F
ClientSampleId :
HY-SB421ADL

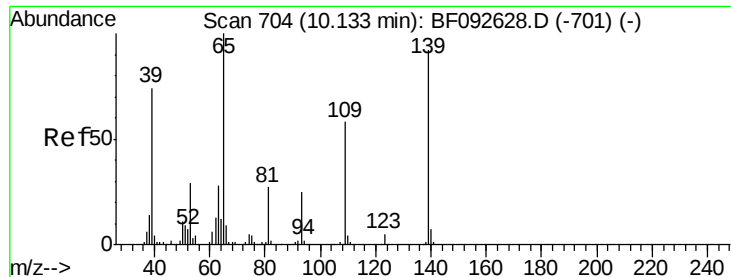
Tot Ion:184 Resp: 1652
Ion Ratio Lower Upper
184 100
63 1309.5 28.4 42.6#
154 8815.1 44.3 66.5#



#54
Dibenzofuran
Concen: 4.56 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.02 min
Lab File: BF093360.D
Acq: 3 Mar 2017 13:50

Tgt Ion:168 Resp: 70701
Ion Ratio Lower Upper
168 100
139 63.2 32.6 49.0#
169 103.3 11.3 16.9#

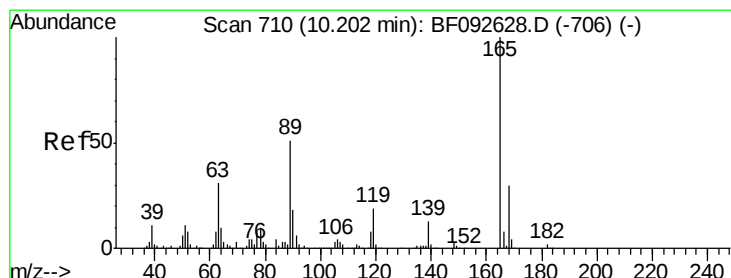
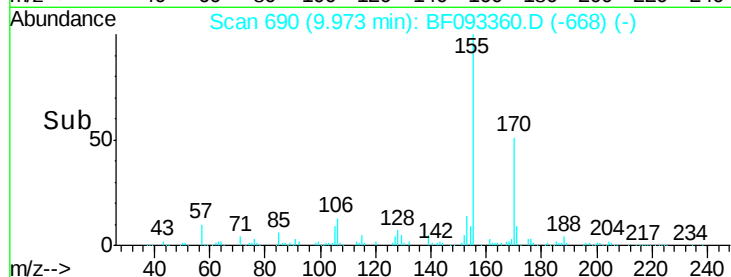
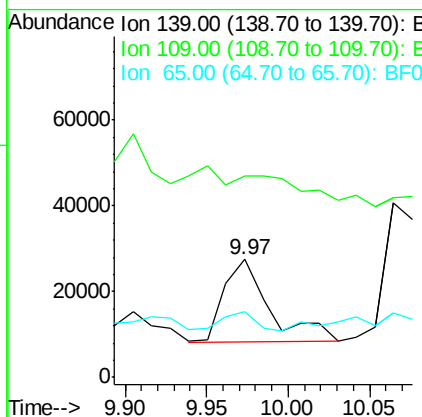
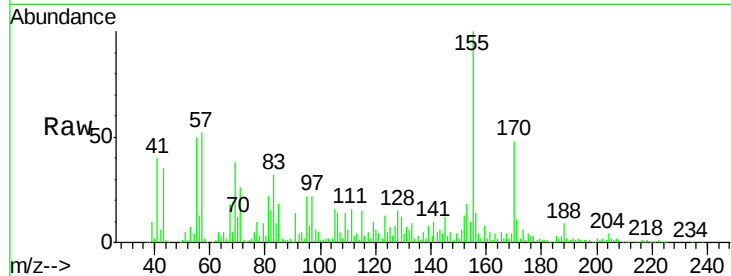




#55
4-Nitrophenol
Concen: 15.76 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.05 min
Lab File: BF093360.D
Acq: 3 Mar 2017 13:50

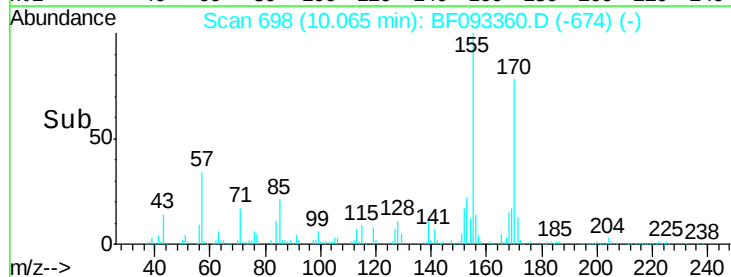
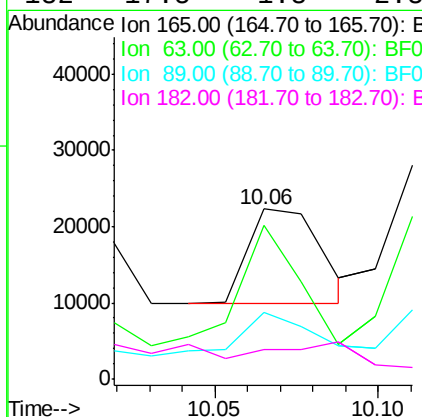
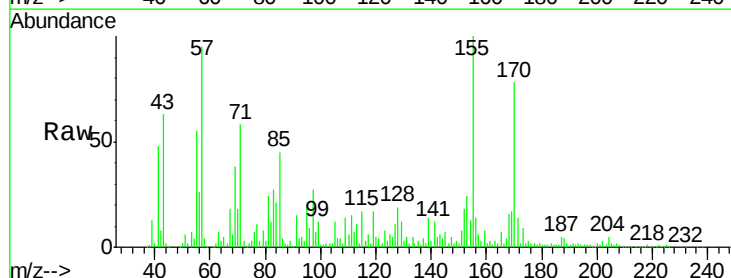
Instrument :
BNA_F
ClientSampleId :
HY-SB421ADL

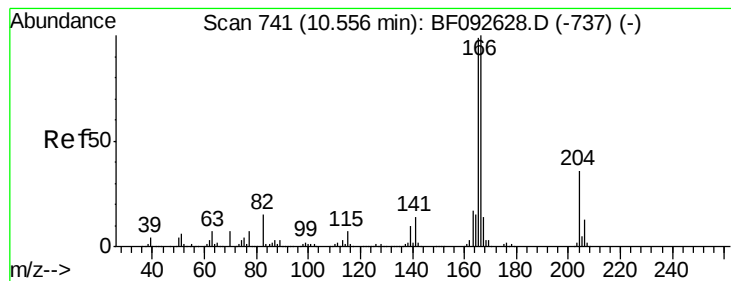
Tot Ion:139 Resp: 37466
Ion Ratio Lower Upper
139 100
109 170.9 52.2 92.2#
65 55.9 85.8 125.8#



#56
2,4-Dinitrotoluene
Concen: 4.89 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.02 min
Lab File: BF093360.D
Acq: 3 Mar 2017 13:50

Tgt Ion:165 Resp: 18765
Ion Ratio Lower Upper
165 100
63 90.2 40.2 60.4#
89 39.3 62.5 93.7#
182 17.5 1.8 2.8#





#57

Fluorene

Concen: 12.90 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF093360.D

Acq: 3 Mar 2017 13:50

Instrument :

BNA_F

ClientSampleId :

HY-SB421ADL

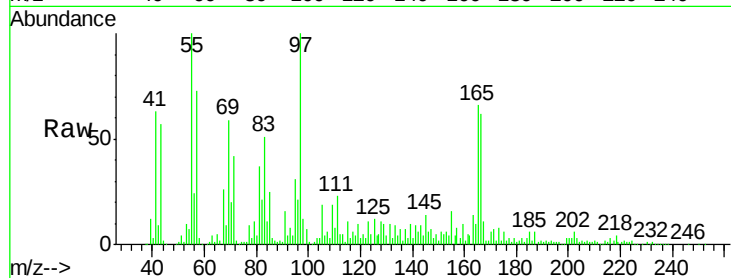
Tot Ion:166 Resp: 154020

Ion Ratio Lower Upper

166 100

165 106.0 77.8 116.8

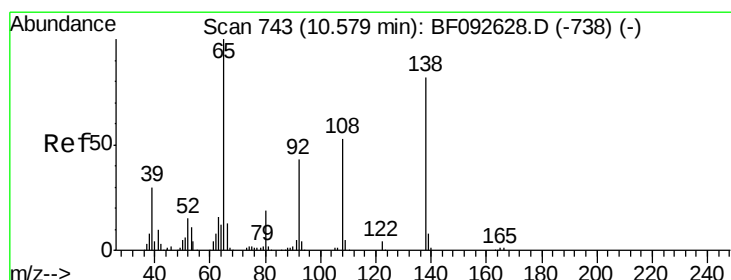
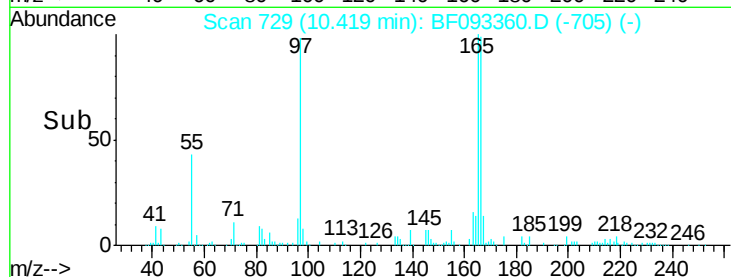
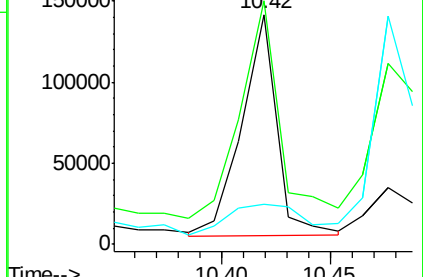
167 17.2 10.8 16.2#



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



#61

4-Nitroaniline

Concen: 4.32 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.15 min

Lab File: BF093360.D

Acq: 3 Mar 2017 13:50

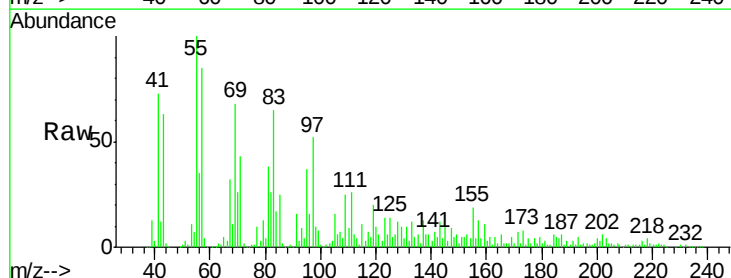
Tgt Ion:138 Resp: 14606

Ion Ratio Lower Upper

138 100

92 49.1 31.7 71.7

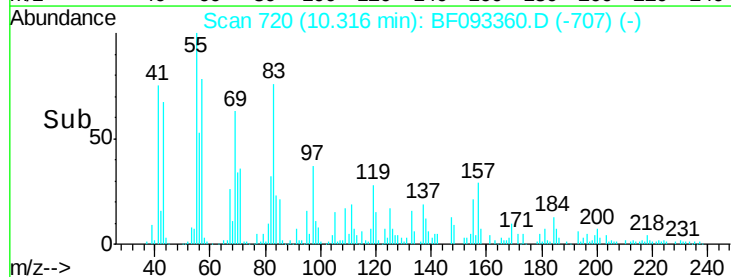
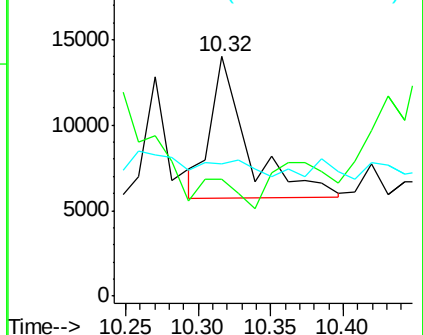
108 55.3 52.6 92.6

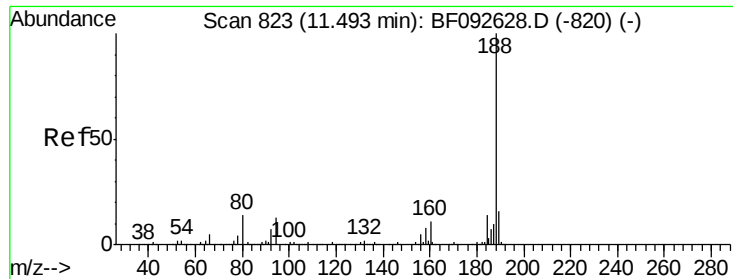


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E

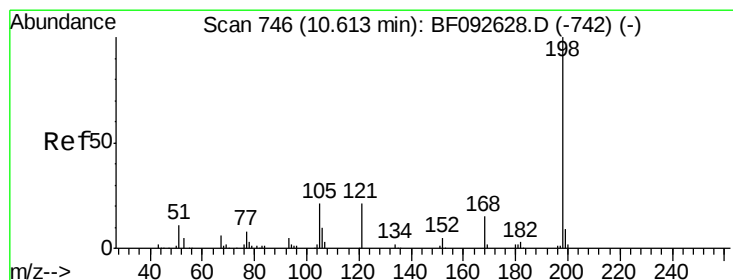
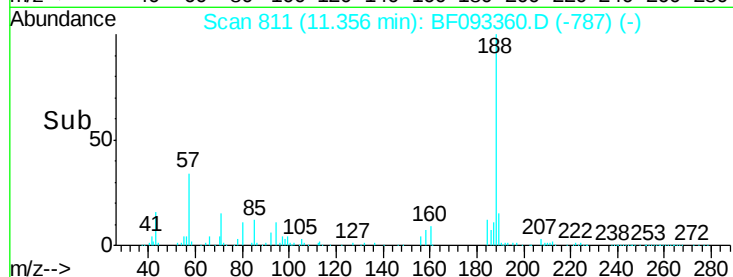
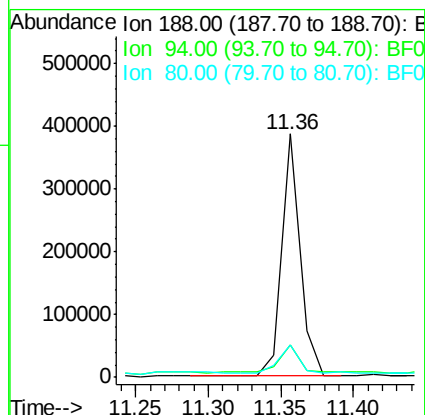
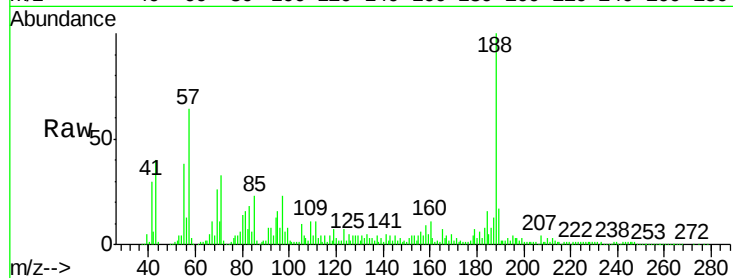




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF093360.D
Acq: 3 Mar 2017 13:50

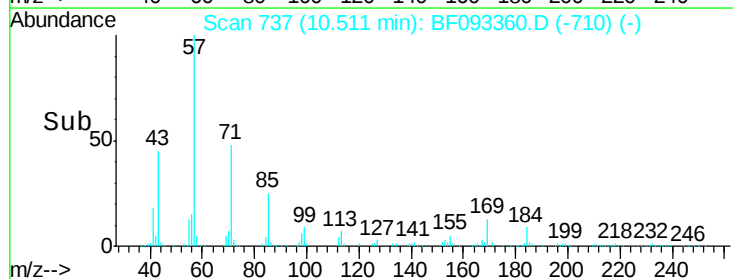
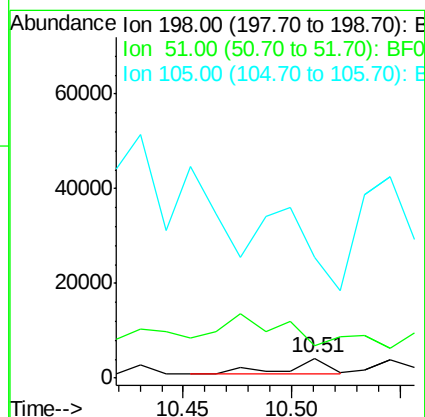
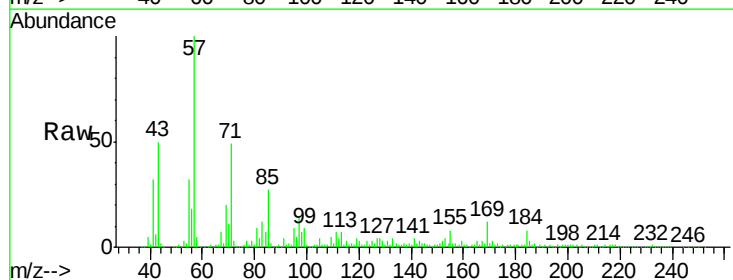
Instrument :
BNA_F
ClientSampleId :
HY-SB421ADL

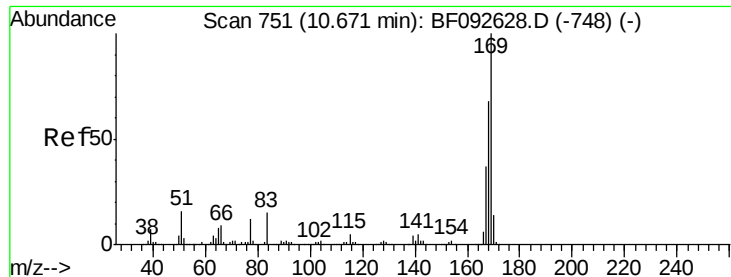
Tot Ion:188 Resp: 338819
Ion Ratio Lower Upper
188 100
94 13.2 10.0 15.0
80 13.6 11.2 16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 4.80 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.01 min
Lab File: BF093360.D
Acq: 3 Mar 2017 13:50

Tgt Ion:198 Resp: 4660
Ion Ratio Lower Upper
198 100
51 160.5 6.7 46.7#
105 607.9 16.6 56.6#





#65

n-Nitrosodiphenylamine

Concen: 29.06 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF093360.D

Acq: 3 Mar 2017 13:50

Instrument :

BNA_F

ClientSampleId :

HY-SB421ADL

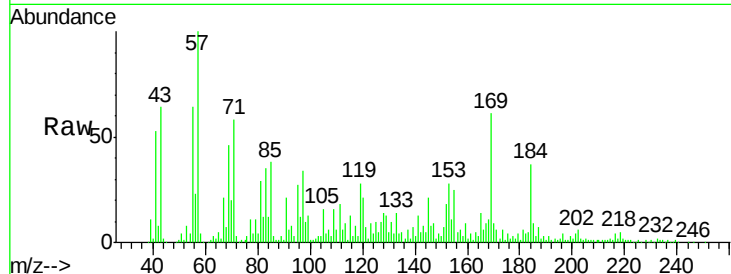
Tot Ion:169 Resp: 314544

Ion Ratio Lower Upper

169 100

168 17.6 54.2 81.2#

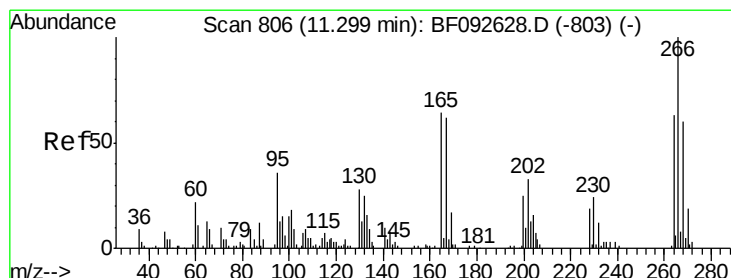
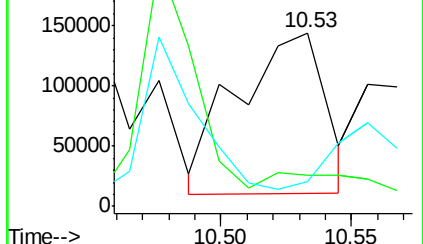
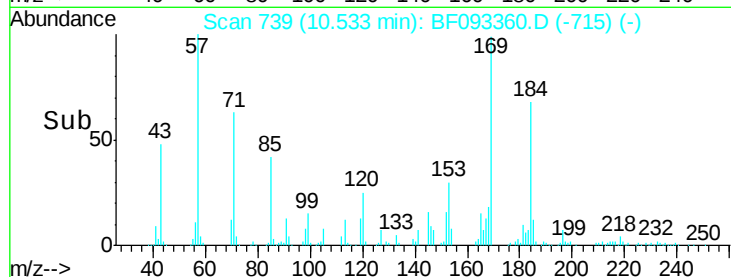
167 14.0 30.2 45.4#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#69

Pentachlorophenol

Concen: 8.23 ng

RT: 11.18 min Scan# 796

Delta R.T. -0.00 min

Lab File: BF093360.D

Acq: 3 Mar 2017 13:50

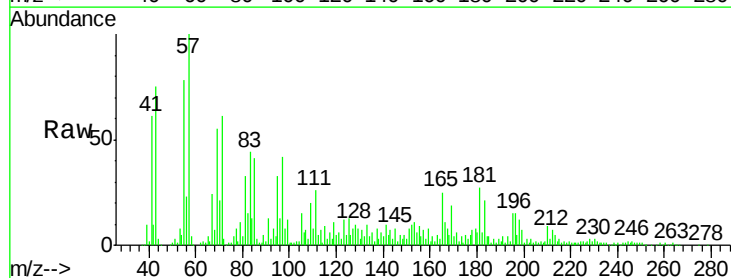
Tgt Ion:266 Resp: 2049

Ion Ratio Lower Upper

266 100

268 0.0 53.3 79.9#

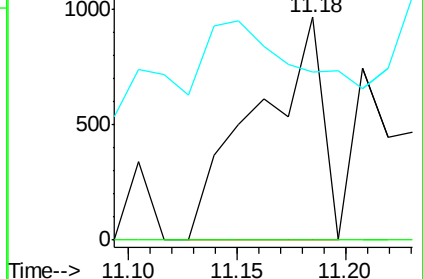
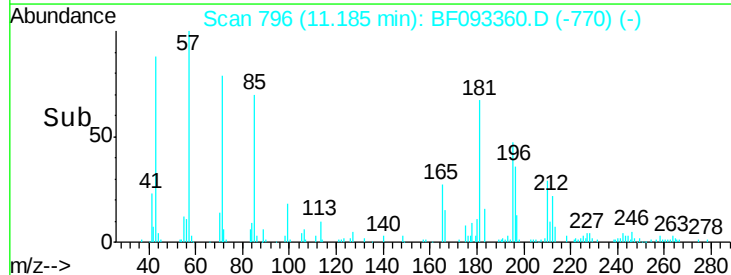
264 75.4 50.3 75.5

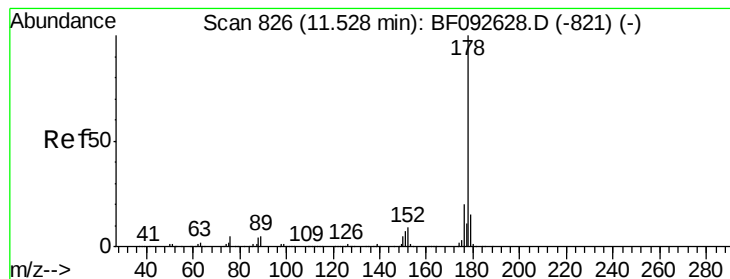


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 17.81 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.02 min

Lab File: BF093360.D

Acq: 3 Mar 2017 13:50

Instrument :

BNA_F

ClientSampleId :

HY-SB421ADL

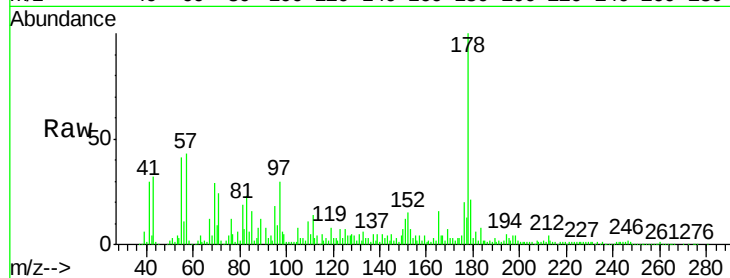
Tot Ion:178 Resp: 345700

Ion Ratio Lower Upper

178 100

176 20.2 16.6 25.0

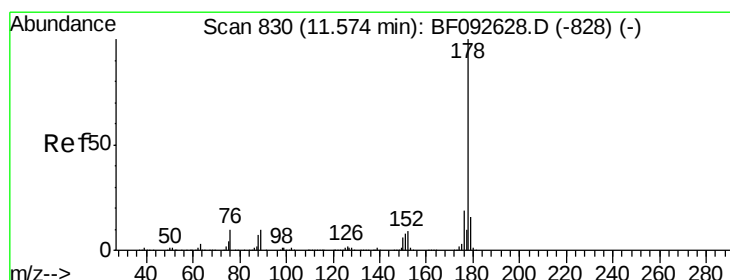
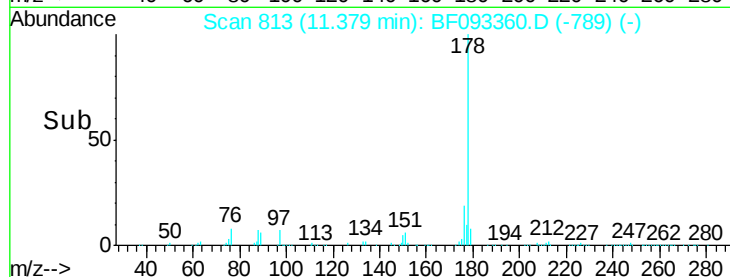
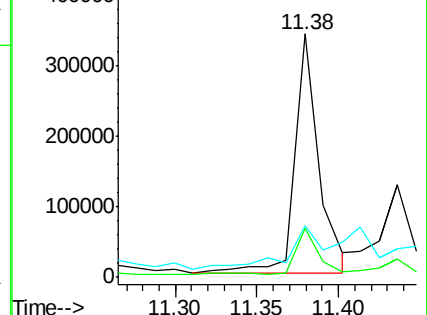
179 21.4 12.8 19.2#



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: 4.59 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.02 min

Lab File: BF093360.D

Acq: 3 Mar 2017 13:50

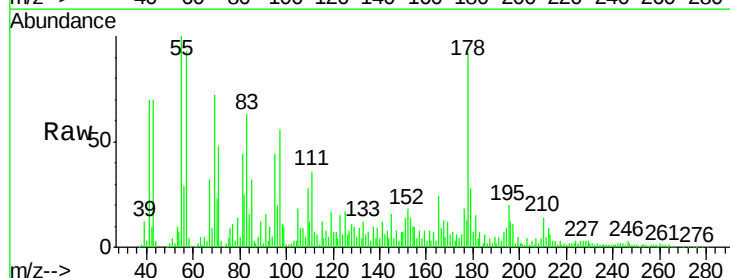
Tgt Ion:178 Resp: 89500

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

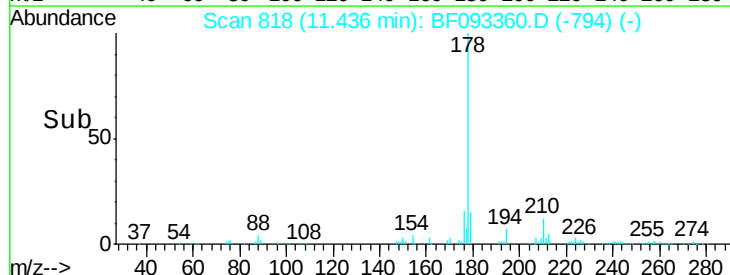
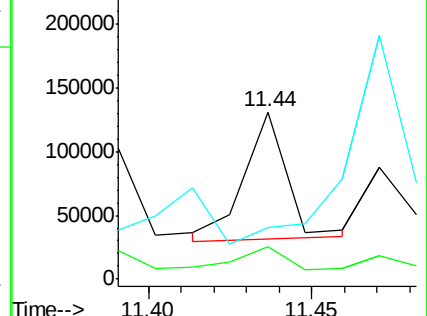
179 31.0 13.2 19.8#

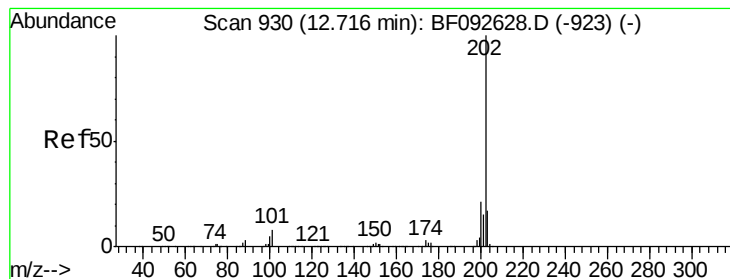


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 34.17 ng

RT: 12.57 min Scan# 917

Delta R.T. -0.02 min

Lab File: BF093360.D

Acq: 3 Mar 2017 13:50

Instrument :

BNA_F

ClientSampleId :

HY-SB421ADL

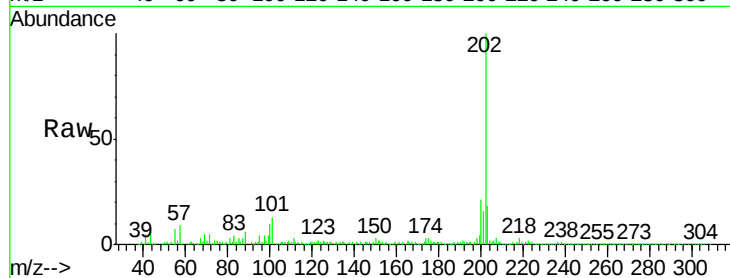
Tot Ion:202 Resp: 684154

Ion Ratio Lower Upper

202 100

101 13.0 0.0 34.6

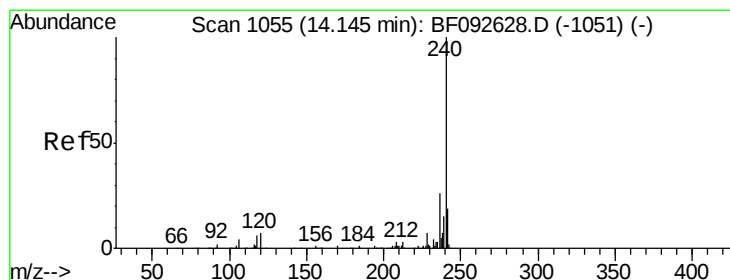
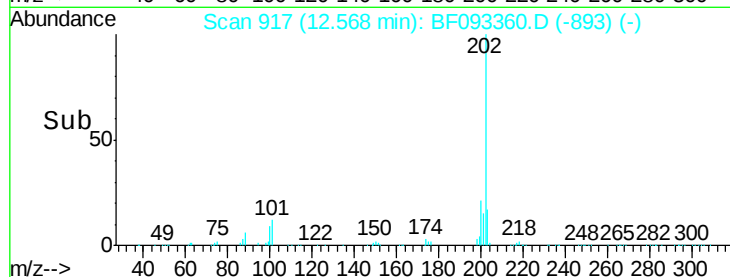
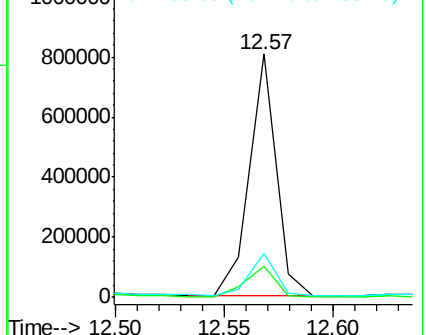
203 18.2 0.0 38.7



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: 13.99 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BF093360.D

Acq: 3 Mar 2017 13:50

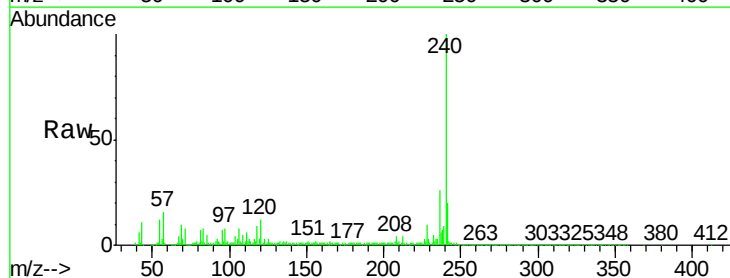
Tgt Ion:240 Resp: 299372

Ion Ratio Lower Upper

240 100

120 11.5 12.9 19.3#

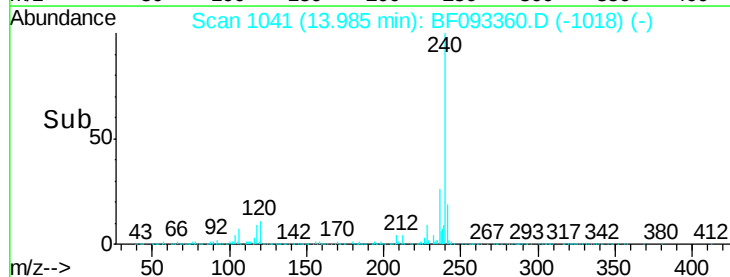
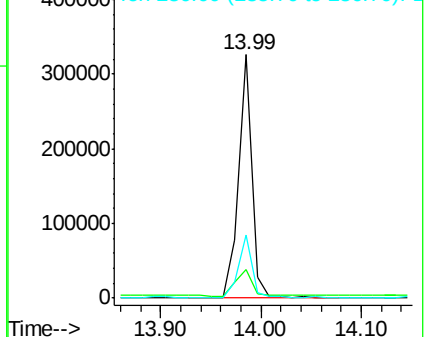
236 26.2 20.9 31.3

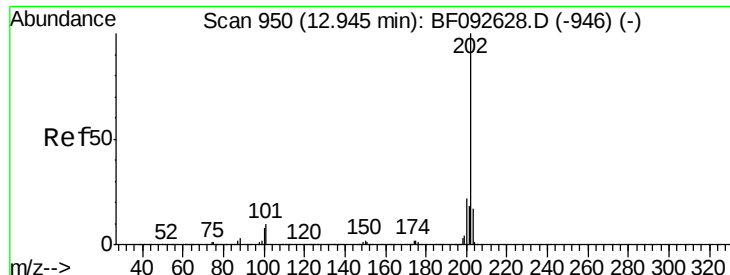


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

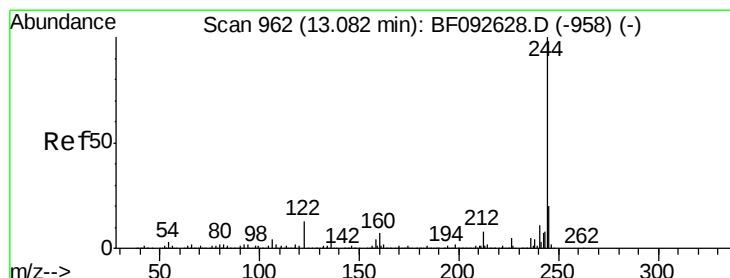
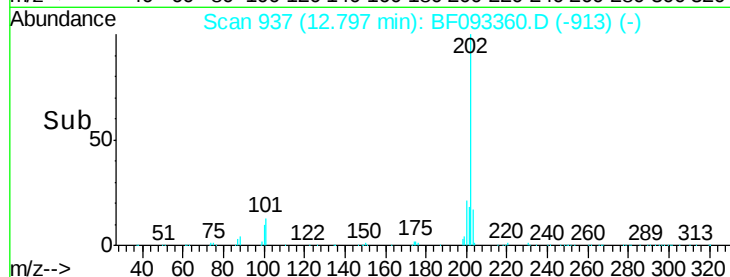
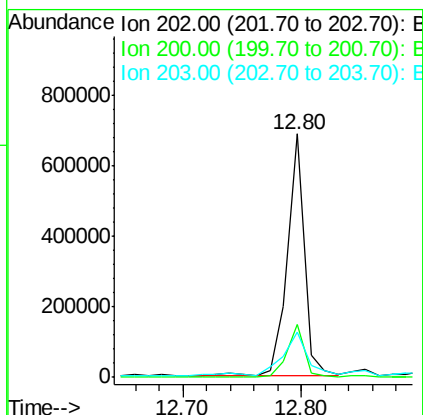
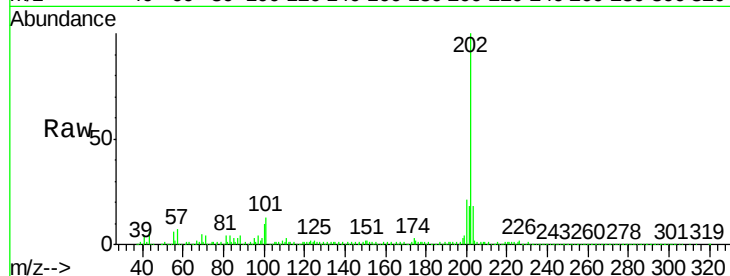




#77
Pvrene
Concen: 30.68 ng
RT: 12.80 min Scan# 937
Delta R.T. -0.02 min
Lab File: BF093360.D
Acq: 3 Mar 2017 13:50

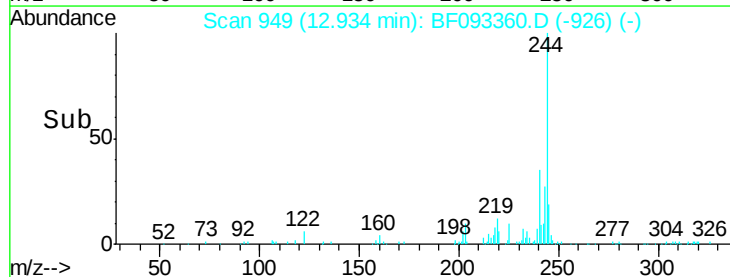
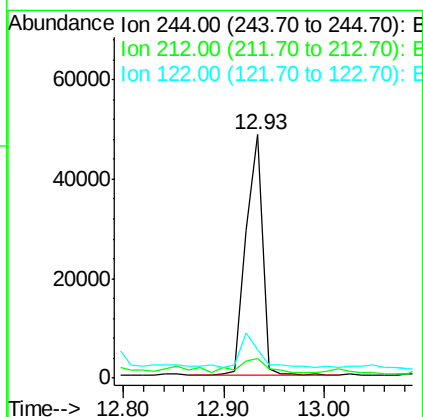
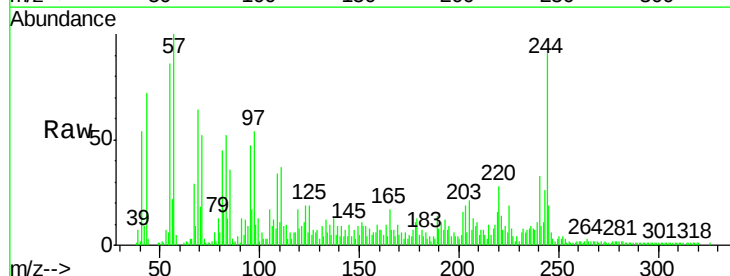
Instrument :
BNA_F
ClientSampleId :
HY-SB421ADL

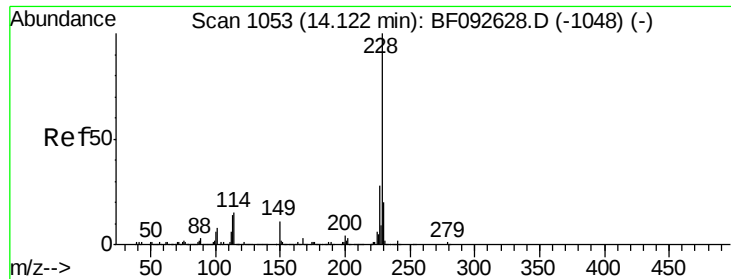
Tot Ion:202 Resp: 687338
Ion Ratio Lower Upper
202 100
200 21.5 17.7 26.5
203 18.4 14.7 22.1



#78
Terphenyl-d14
Concen: 4.41 ng
RT: 12.93 min Scan# 949
Delta R.T. -0.03 min
Lab File: BF093360.D
Acq: 3 Mar 2017 13:50

Tgt Ion:244 Resp: 56131
Ion Ratio Lower Upper
244 100
212 8.0 6.2 9.2
122 11.7 11.4 17.2

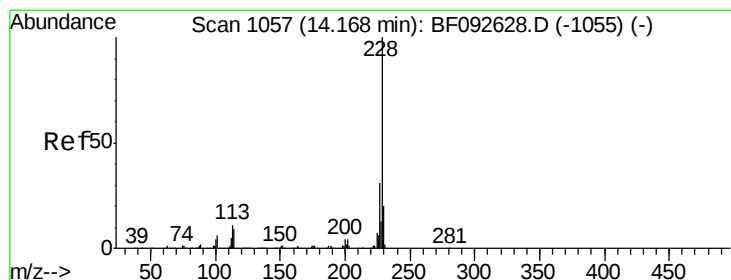
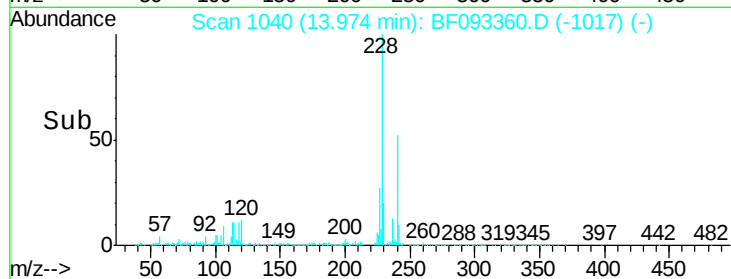
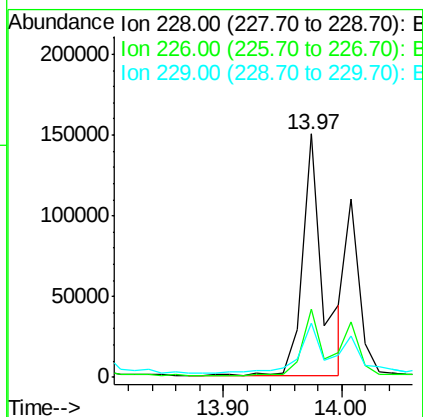
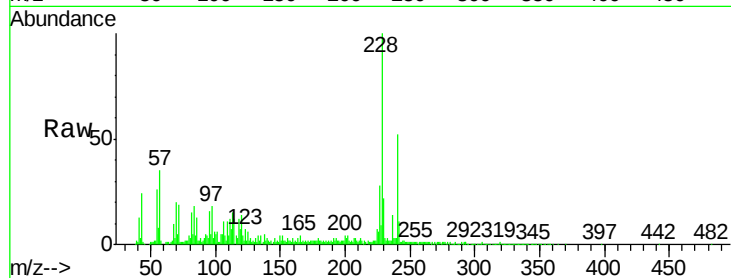




#80
Benzo(a)anthracene
Concen: 9.60 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.03 min
Lab File: BF093360.D
Acq: 3 Mar 2017 13:50

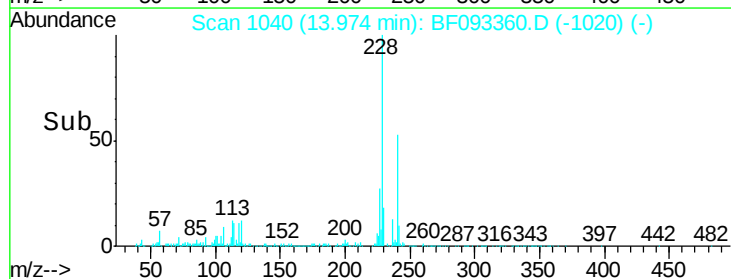
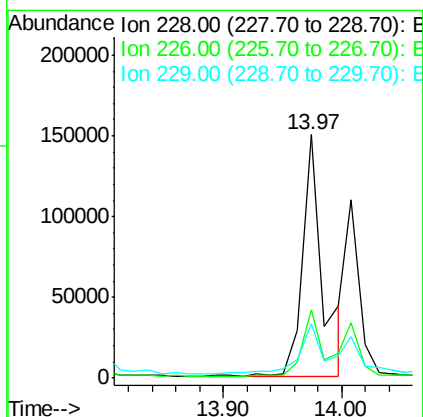
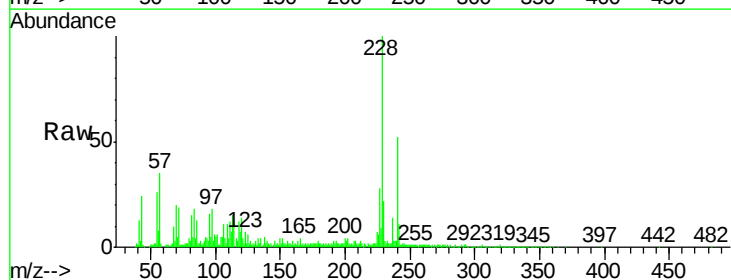
Instrument :
BNA_F
ClientSampleId :
HY-SB421ADL

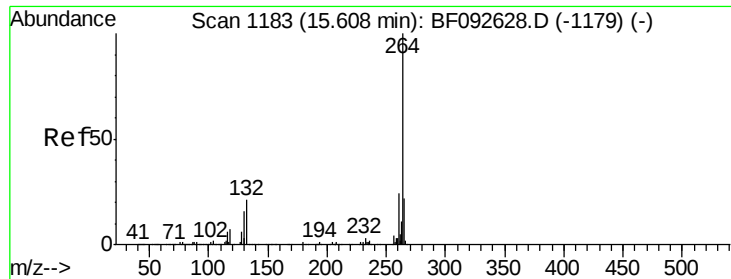
Tot Ion:228 Resp: 175850
Ion Ratio Lower Upper
228 100
226 28.0 22.4 33.6
229 22.0 16.2 24.4



#82
Chrysene
Concen: 10.26 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.07 min
Lab File: BF093360.D
Acq: 3 Mar 2017 13:50

Tgt Ion:228 Resp: 175850
Ion Ratio Lower Upper
228 100
226 28.0 25.4 38.0
229 22.0 16.2 24.2

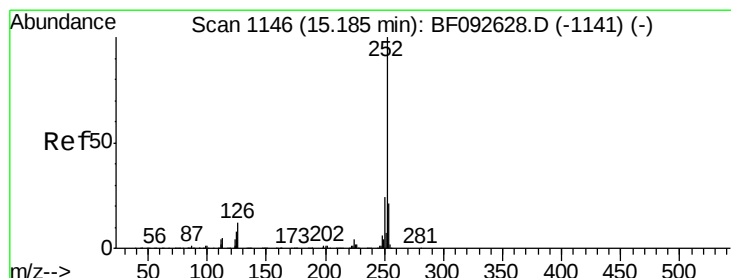
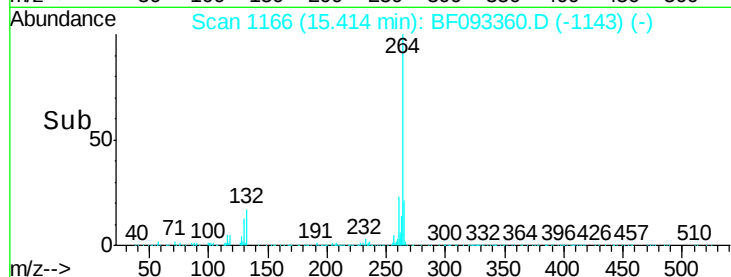
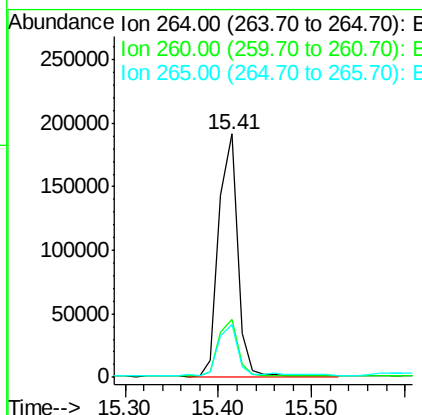
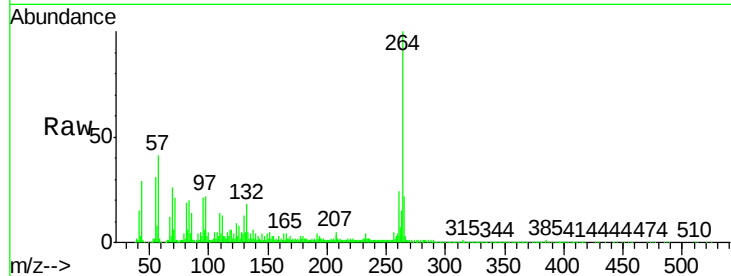




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.03 min
Lab File: BF093360.D
Acq: 3 Mar 2017 13:50

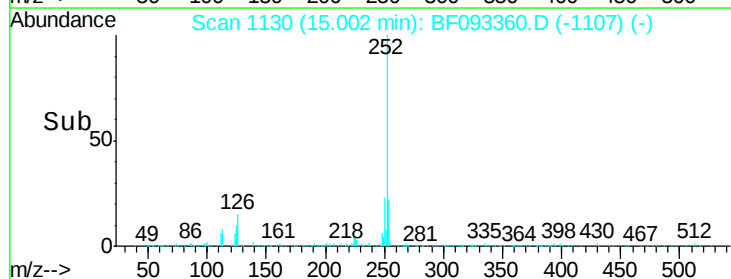
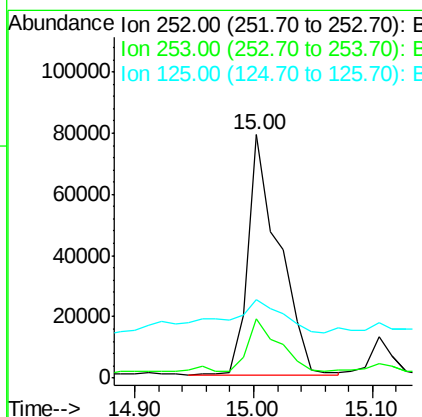
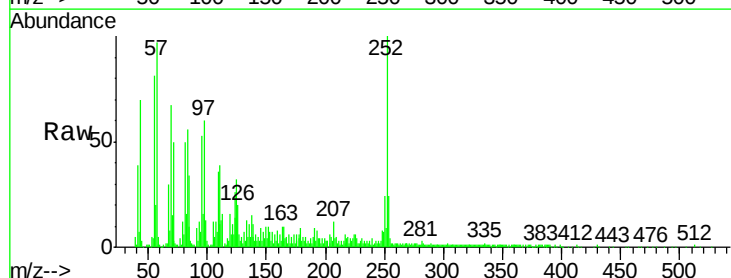
Instrument :
BNA_F
ClientSampleId :
HY-SB421ADL

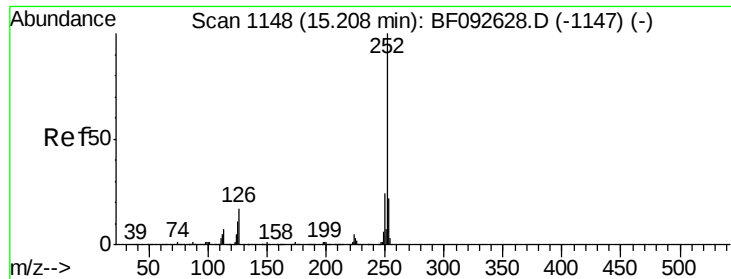
Tot Ion:264 Resp: 267928
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 21.9 17.4 26.0



#87
Benzo(b)fluoranthene
Concen: 8.07 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.03 min
Lab File: BF093360.D
Acq: 3 Mar 2017 13:50

Tgt Ion:252 Resp: 142400
Ion Ratio Lower Upper
252 100
253 24.4 18.2 27.4
125 32.0 9.8 14.6#

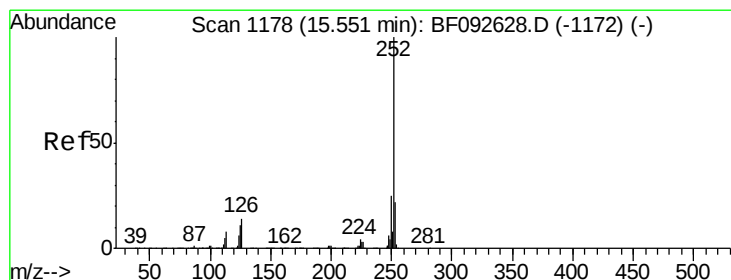
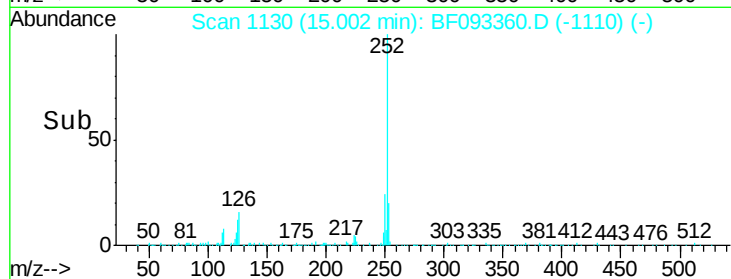
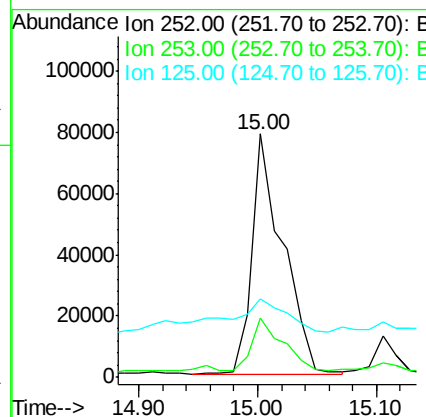
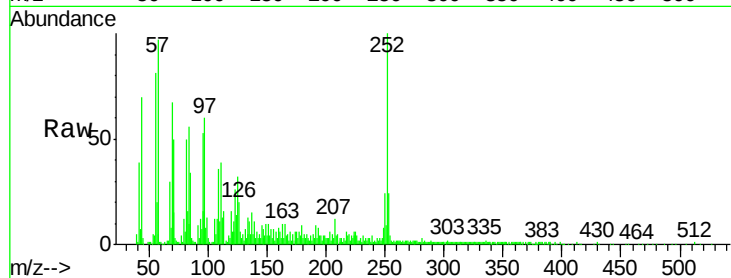




#88
Benzo(k)fluoranthene
Concen: 9.35 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.07 min
Lab File: BF093360.D
Acq: 3 Mar 2017 13:50

Instrument :
BNA_F
ClientSampleId :
HY-SB421ADL

Tot Ion:252 Resp: 142400
Ion Ratio Lower Upper
252 100
253 24.4 18.5 27.7
125 32.0 8.9 13.3#



#89
Benzo(a)pyrene
Concen: 3.82 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.03 min
Lab File: BF093360.D
Acq: 3 Mar 2017 13:50

Tgt Ion:252 Resp: 58312
Ion Ratio Lower Upper
252 100
253 23.8 18.2 27.2
125 43.2 10.0 15.0#

