

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040517\
 Data File : BF094214.D
 Acq On : 6 Apr 2017 3:40
 Operator : SJ/MA
 Sample : I2400-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UST-1B

Quant Time: Apr 06 04:57:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.88	152	141011	20.00	ng	-0.02
21) Naphthalene-d8	7.39	136	272766	20.00	ng	-0.02
38) Acenaphthene-d10	9.50	164	2721	20.00	ng	-0.05
63) Phenanthrene-d10	11.27	188	13043	20.00	ng	-0.10
75) Chrysene-d12	14.60	240	321466	20.00	ng	-0.03
86) Perylene-d12	16.21	264	245092	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1012566	121.28	ng	-0.04
7) Phenol-d6	5.48	99	1260035	122.00	ng	-0.03
23) Nitrobenzene-d5	6.53	82	769916	161.08	ng	-0.03
41) 2,4,6-Tribromophenol	10.61	330	67089	3120.17	ng	0.09
44) 2-Fluorobiphenyl	8.78	172	504439	2827.65	ng	0.05
78) Terphenyl-d14	13.35	244	756113	52.72	ng	0.00
Target Compounds						
9) Benzaldehyde	5.39	77	168452	24.15	ng	# 1
17) 2-Methylphenol	6.20	107	18969	2.41	ng	# 1
18) Hexachloroethane	6.46	117	229753	62.70	ng	# 1
19) n-Nitroso-di-n-propylamine	6.30	70	95064	14.32	ng	# 50
22) Acetophenone	6.35	105	2269434	373.31	ng	# 47
24) Nitrobenzene	6.52	77	330428	70.10	ng	# 46
25) Isophorone	6.85	82	270447	32.20	ng	# 1
26) 2-Nitrophenol	6.90	139	34124	15.18	ng	# 1
27) 2,4-Dimethylphenol	6.98	122	35167	9.08	ng	# 1
28) bis(2-Chloroethoxy)methane	7.16	93	48669	8.79	ng	# 1
29) 2,4-Dichlorophenol	7.25	162	66475	18.35	ng	# 1
31) Naphthalene	7.42	128	698910	53.29	ng	# 26
32) Benzoic acid	7.19	122	16272	6.31	ng	# 1
33) 4-Chloroaniline	7.42	127	112850	21.23	ng	# 1
35) Caprolactam	8.00	113	485007	419.94	ng	# 1
37) 2-Methylnaphthalene	8.33	142	5442917	622.55	ng	# 96
42) 2,4,6-Trichlorophenol	8.62	196	644	12.23	ng	# 36
43) 2,4,5-Trichlorophenol	8.62	196	1223	21.46	ng	# 1
45) 1,1'-Biophenyl	8.86	154	835549	3807.07	ng	# 92
46) 2-Chloronaphthalene	8.83	162	3845	22.38	ng	# 1
47) 2-Nitroaniline	9.02	65	29566	580.13	ng	# 55
48) Acenaphthylene	9.39	152	140806	493.14	ng	# 1
49) Dimethylphthalate	9.19	163	9968	51.54	ng	# 6
50) 2,6-Dinitrotoluene	9.26	165	7231	163.08	ng	# 1
51) Acenaphthene	9.46	154	36768	220.69	ng	# 1
52) 3-Nitroaniline	9.40	138	15812	303.70	ng	# 1
53) 2,4-Dinitrophenol	9.59	184	696	32.29	ng	# 1
54) Dibenzofuran	9.71	168	263406	1161.41	ng	# 95
55) 4-Nitrophenol	9.70	139	74038	1815.81	ng	# 1
56) 2,4-Dinitrotoluene	9.71	165	69043	1239.61	ng	# 69
57) Fluorene	10.16	166	35946	191.12	ng	# 1
58) 2,3,4,6-Tetrachlorophenol	9.91	232	283	7.24	ng	# 1
59) Diethylphthalate	10.04	149	6116	31.99	ng	# 1
60) 4-Chlorophenyl-phenylether	10.11	204	207557	2590.45	ng	# 52

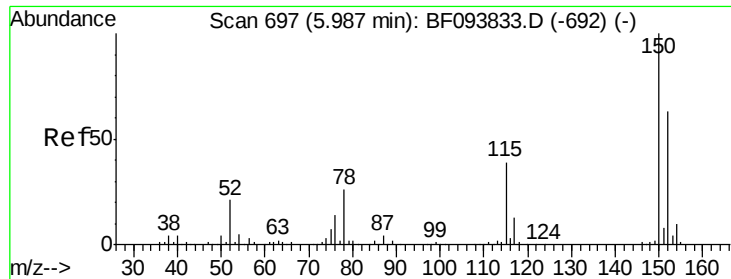
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040517\
 Data File : BF094214.D
 Acq On : 6 Apr 2017 3:40
 Operator : SJ/MA
 Sample : I2400-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UST-1B

Quant Time: Apr 06 04:57:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) 4-Nitroaniline	10.31	138	26531	531.02	nq	# 48
62) Azobenzene	10.33	77	151409	837.26	nq	# 1
64) 4,6-Dinitro-2-methylphenol	10.20	198	1110	13.90	nq	# 1
65) n-Nitrosodiphenylamine	10.33	169	227385	504.11	nq	# 45
66) 4-Bromophenyl-phenylether	10.69	248	1496	11.66	nq	# 1
68) Atrazine	10.99	200	27943	206.83	nq	# 1
69) Pentachlorophenol	11.05	266	3683	45.57	nq	# 33
70) Phenanthrene	11.27	178	58741	80.96	nq	# 1
71) Anthracene	11.27	178	58741	78.63	nq	# 1
72) Carbazole	11.53	167	157845	206.05	nq	# 35
73) Di-n-butylphthalate	12.02	149	17079	21.44	nq	# 1
74) Fluoranthene	12.76	202	81642	109.89	nq	# 1
77) Pyrene	13.16	202	254154	10.89	nq	# 86

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

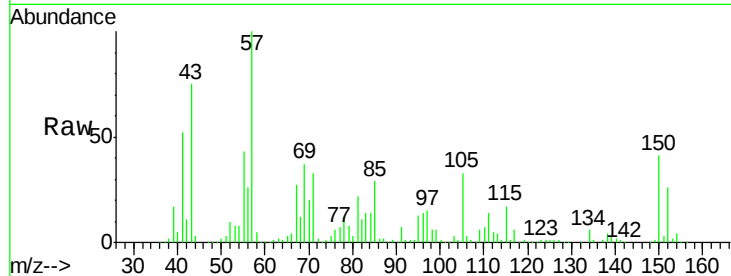


#1

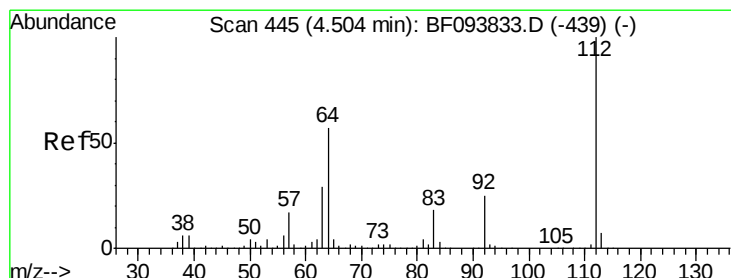
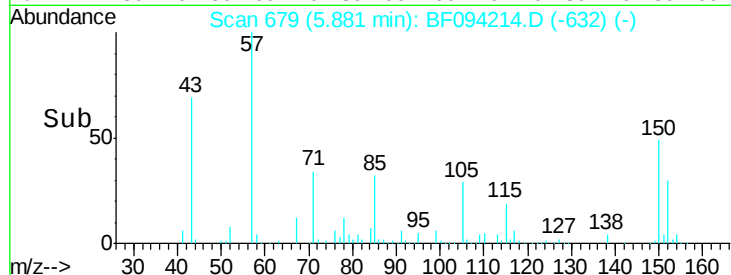
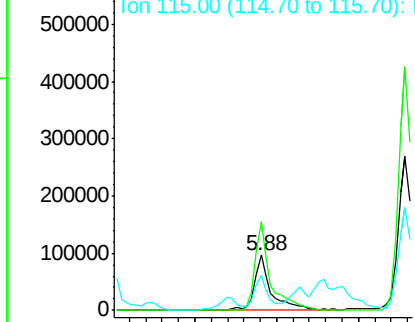
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.88 min Scan# 679
Delta R.T. -0.02 min
Lab File: BF094214.D
Acq: 6 Apr 2017 3:40

Instrument :
BNA_F
ClientSampleId :
UST-1B

Tot Ion:152 Resp: 141011
Ion Ratio Lower Upper
152 100
150 160.3 126.2 189.2
115 64.7 52.2 78.2



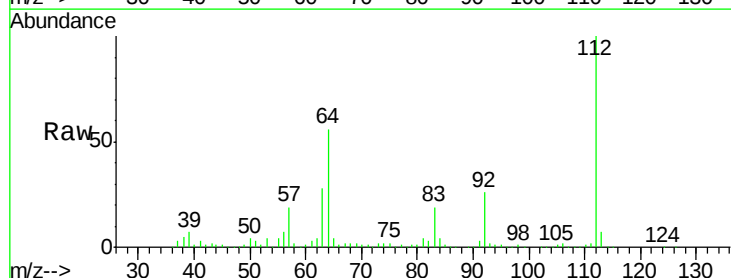
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



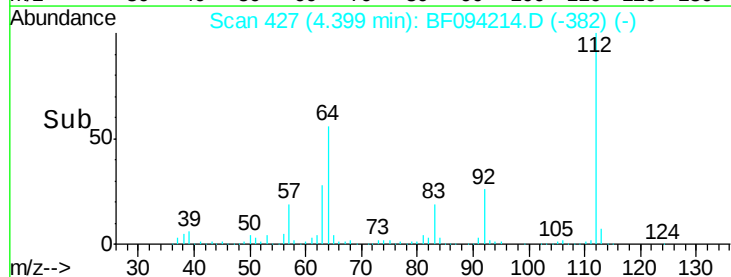
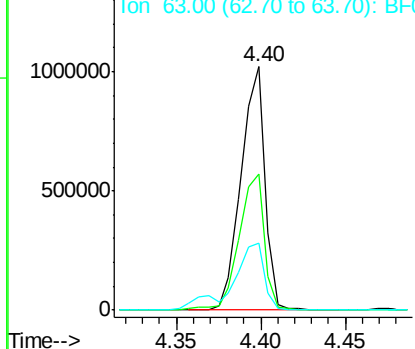
#5

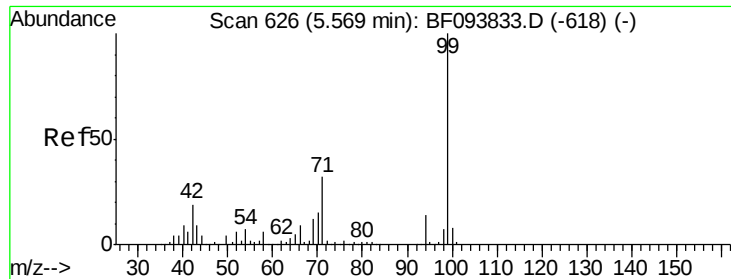
2-Fluorophenol
Concen: 121.28 ng
RT: 4.40 min Scan# 427
Delta R.T. -0.04 min
Lab File: BF094214.D
Acq: 6 Apr 2017 3:40

Tgt Ion:112 Resp: 1012566
Ion Ratio Lower Upper
112 100
64 55.8 46.0 69.0
63 27.7 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: 122.00 ng

RT: 5.48 min Scan# 611

Delta R.T. -0.03 min

Lab File: BF094214.D

Acq: 6 Apr 2017 3:40

Instrument :

BNA_F

ClientSampleId :

UST-1B

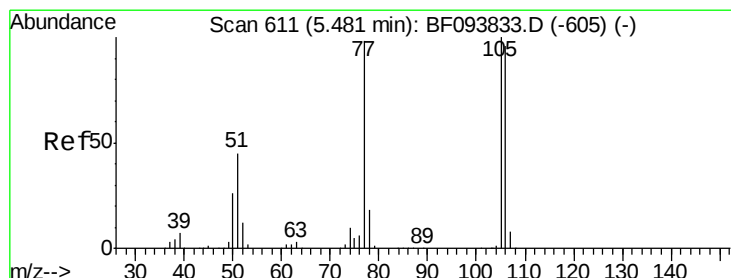
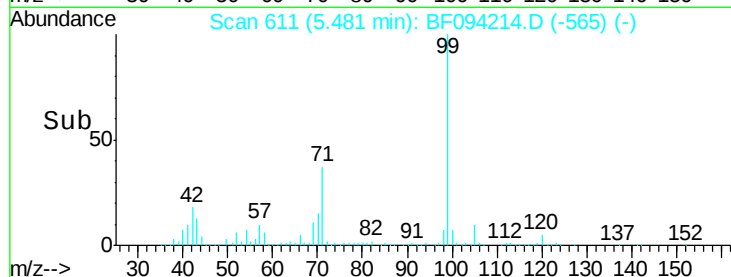
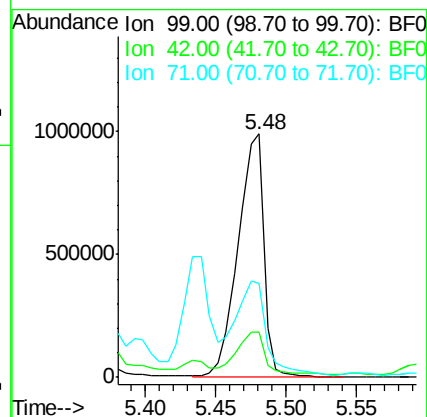
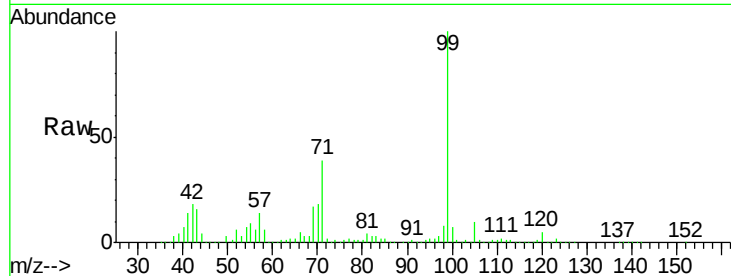
Tot Ion: 99 Resp: 1260035

Ion Ratio Lower Upper

99 100

42 18.5 13.5 20.3

71 38.6 24.5 36.7#



#9

Benzaldehyde

Concen: 24.15 ng

RT: 5.39 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF094214.D

Acq: 6 Apr 2017 3:40

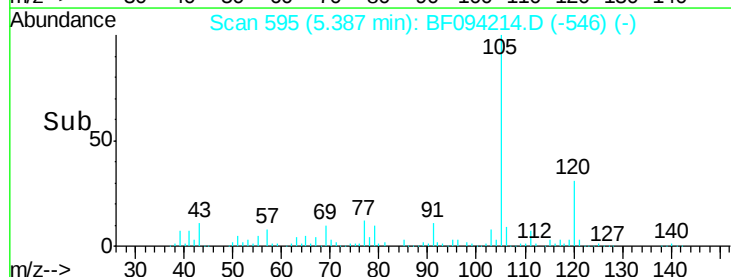
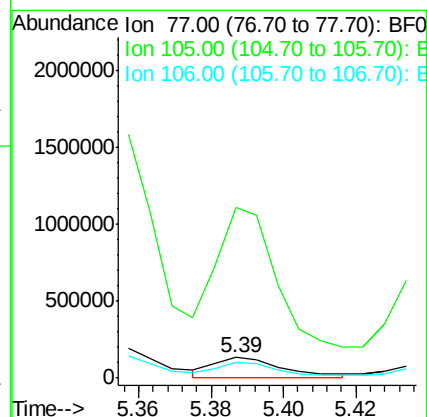
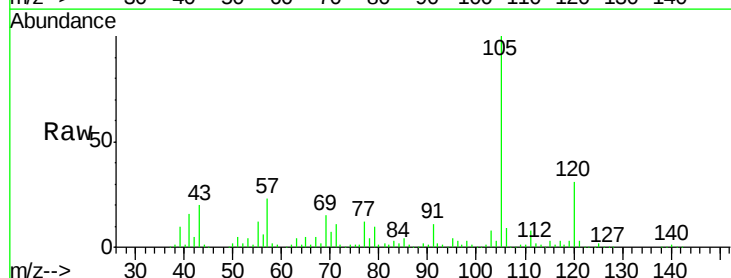
Tgt Ion: 77 Resp: 168452

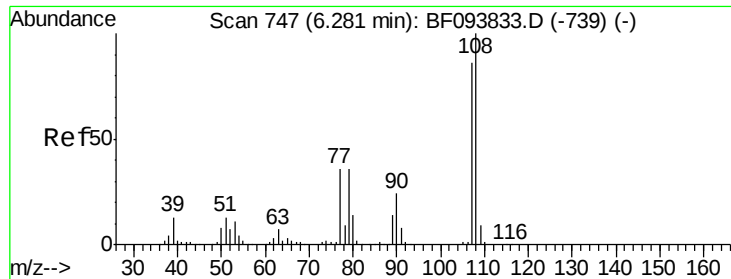
Ion Ratio Lower Upper

77 100

105 839.8 83.8 123.8#

106 77.3 79.1 119.1#

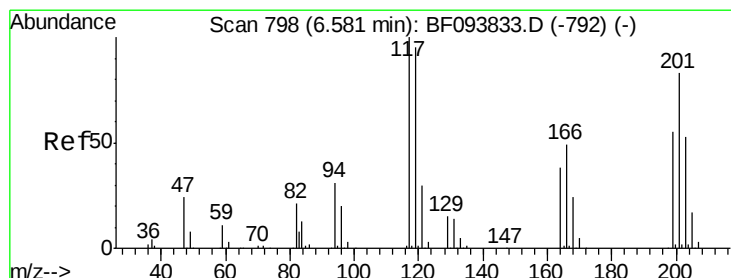
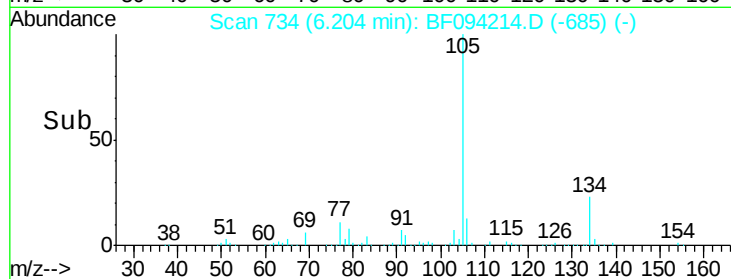
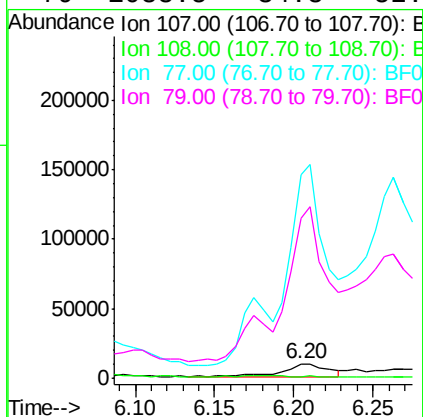
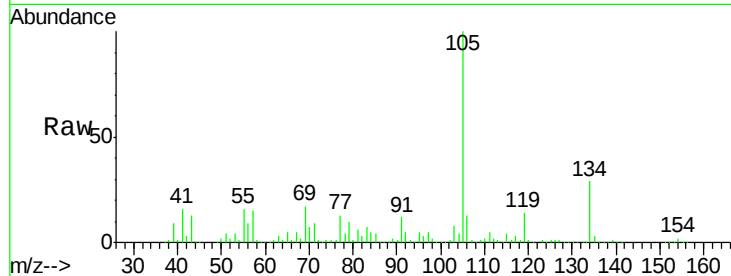




#17
2-Methylphenol
Concen: 2.41 ng
RT: 6.20 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF094214.D
Acq: 6 Apr 2017 3:40

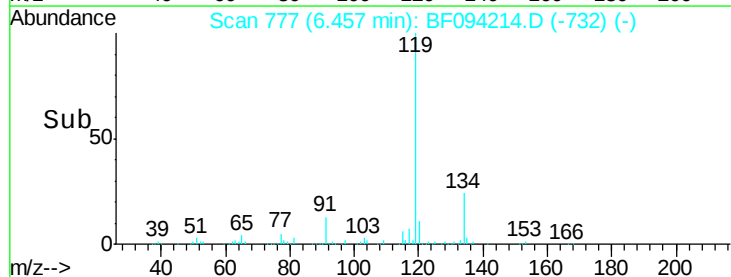
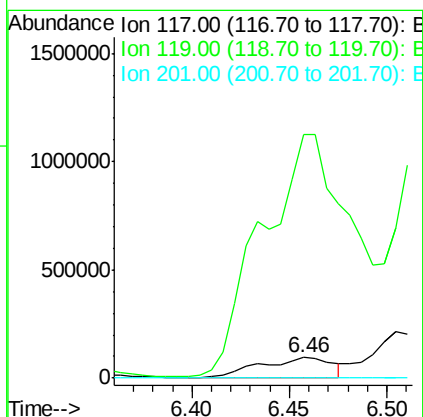
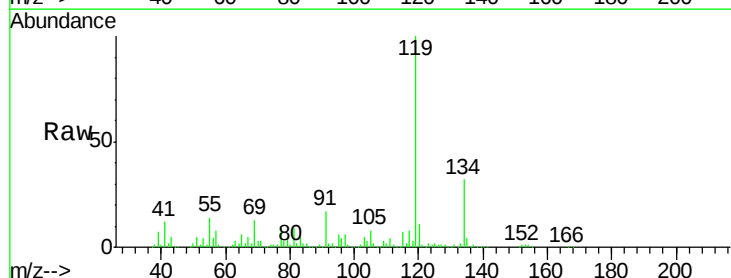
Instrument :
BNA_F
ClientSampleId :
UST-1B

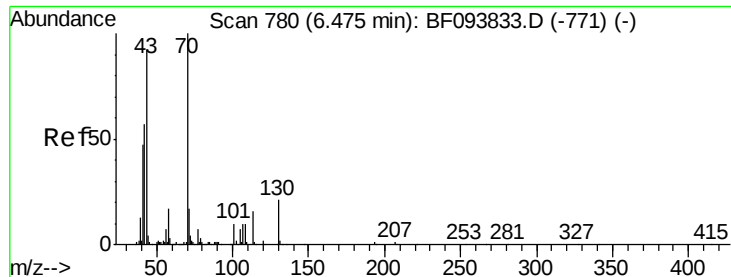
Tot Ion:107 Resp: 18969
Ion Ratio Lower Upper
107 100
108 11.0 93.4 140.0#
77 1385.8 35.8 53.6#
79 1088.5 34.8 52.2#



#18
Hexachloroethane
Concen: 62.70 ng
RT: 6.46 min Scan# 777
Delta R.T. -0.04 min
Lab File: BF094214.D
Acq: 6 Apr 2017 3:40

Tgt Ion:117 Resp: 229753
Ion Ratio Lower Upper
117 100
119 1182.7 77.4 116.0#
201 0.0 94.6 141.8#

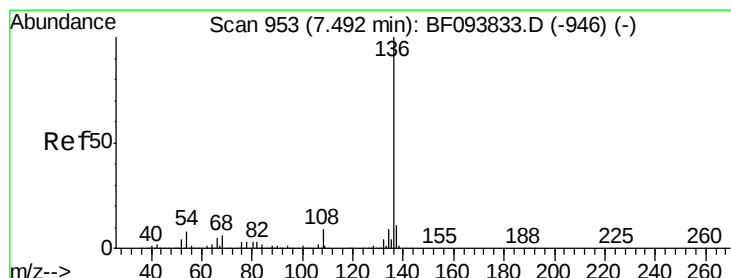
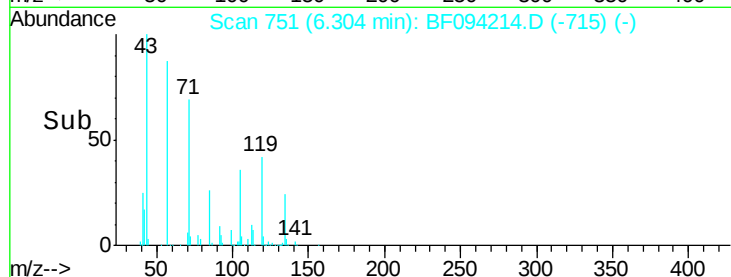
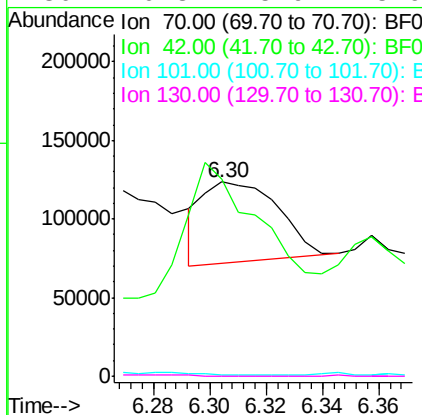
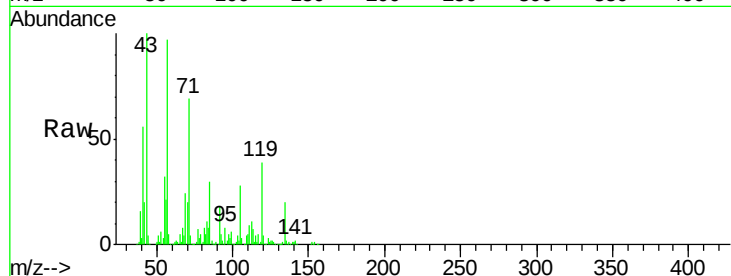




#19
n-Nitroso-di-n-propylamine
Concen: 14.32 ng
RT: 6.30 min Scan# 751
Delta R.T. -0.09 min
Lab File: BF094214.D
Acq: 6 Apr 2017 3:40

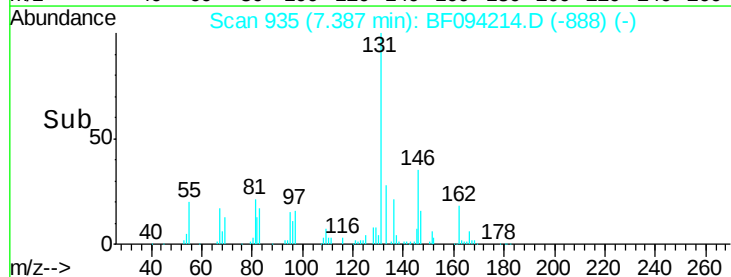
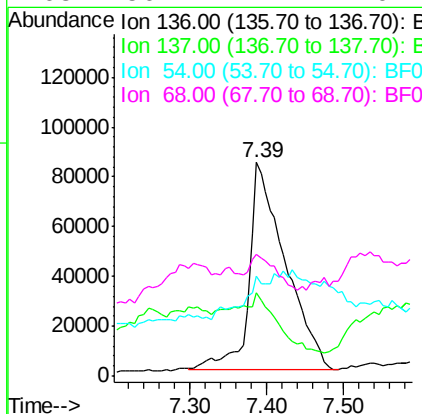
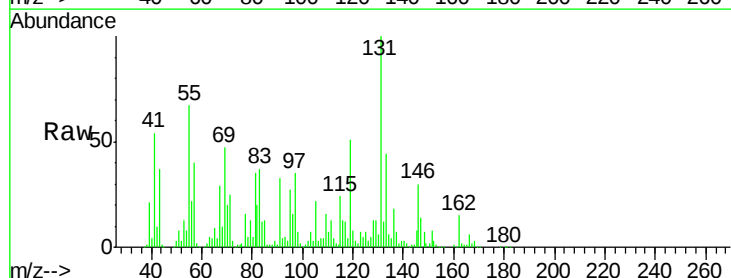
Instrument :
BNA_F
ClientSampleId :
UST-1B

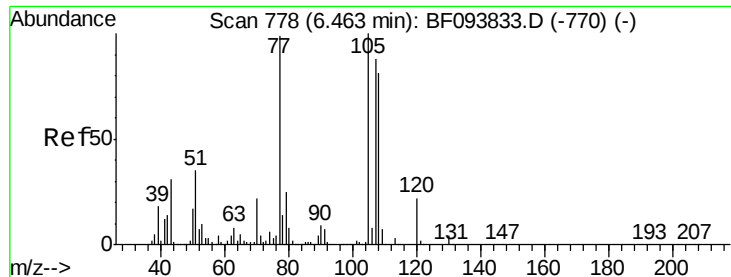
Tot Ion:	70	Resp:	95064
Ion	Ratio	Lower	Upper
70	100		
42	101.7	47.2	70.8#
101	0.8	7.2	10.8#
130	0.3	15.9	23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.39 min Scan# 935
Delta R.T. -0.02 min
Lab File: BF094214.D
Acq: 6 Apr 2017 3:40

Tgt Ion:	136	Resp:	272766
Ion	Ratio	Lower	Upper
136	100		
137	38.7	8.5	12.7#
54	46.6	4.9	7.3#
68	56.7	4.1	6.1#





#22

Acetophenone

Concen: 373.31 ng

RT: 6.35 min Scan# 758

Delta R.T. -0.04 min

Lab File: BF094214.D

Acq: 6 Apr 2017 3:40

Instrument :

BNA_F

ClientSampled :

UST-1B

Tot Ion:105 Resp: 2269434

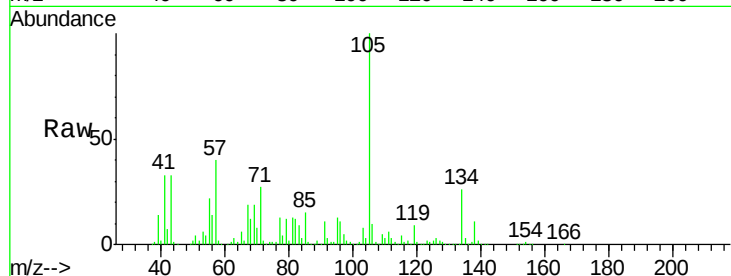
Ion Ratio Lower Upper

105 100

71 27.0 2.8 4.2#

51 4.5 30.7 46.1#

120 0.9 17.4 26.0#

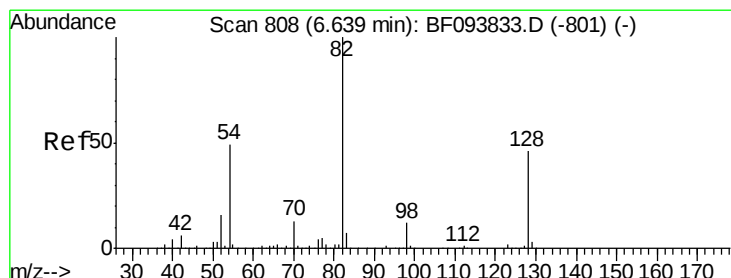
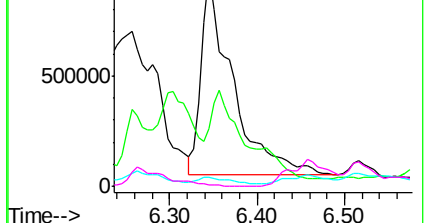
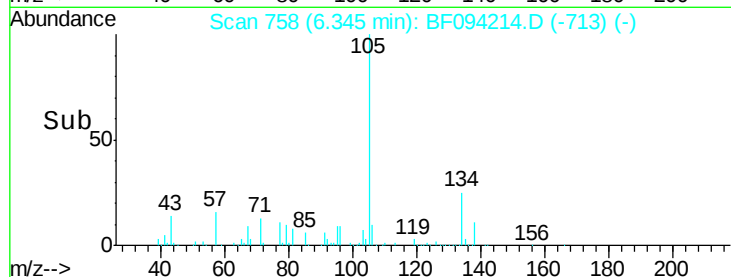


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 161.08 ng

RT: 6.53 min Scan# 789

Delta R.T. -0.03 min

Lab File: BF094214.D

Acq: 6 Apr 2017 3:40

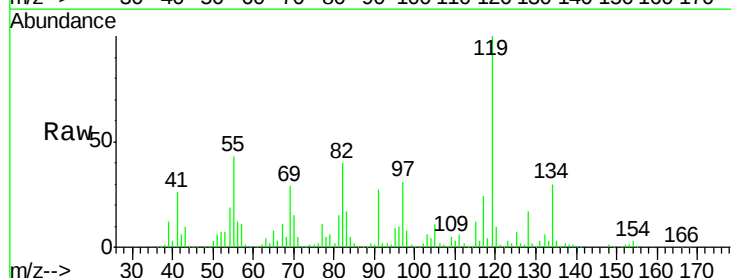
Tgt Ion: 82 Resp: 769916

Ion Ratio Lower Upper

82 100

128 41.5 34.0 51.0

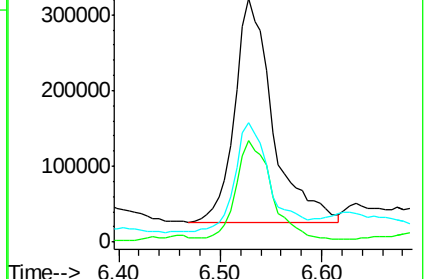
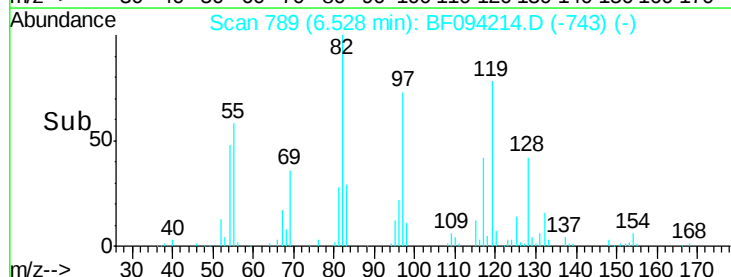
54 48.8 42.2 63.2

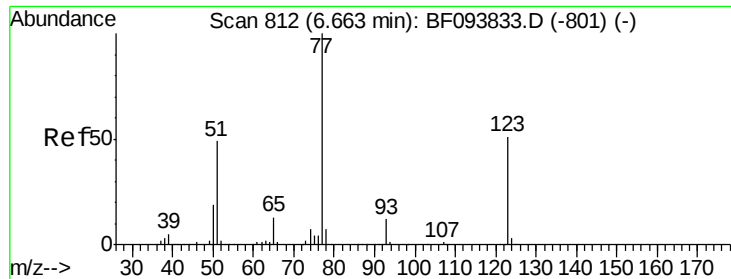


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

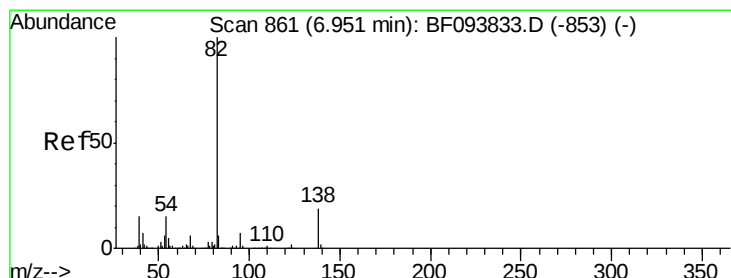
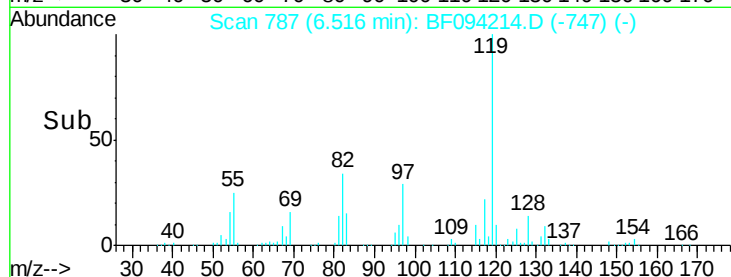
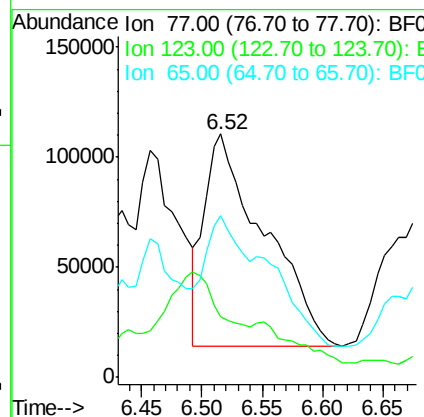
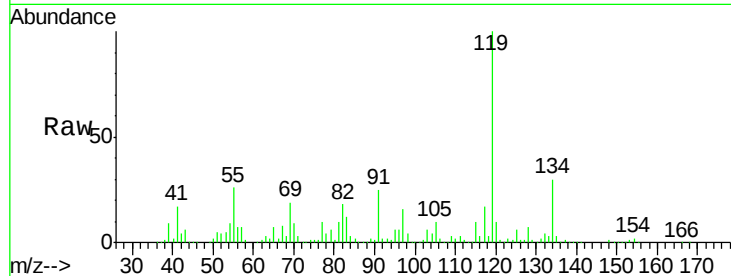




#24
Nitrobenzene
Concen: 70.10 ng
RT: 6.52 min Scan# 787
Delta R.T. -0.06 min
Lab File: BF094214.D
Acq: 6 Apr 2017 3:40

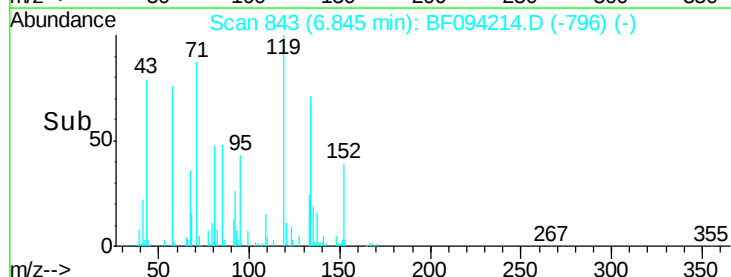
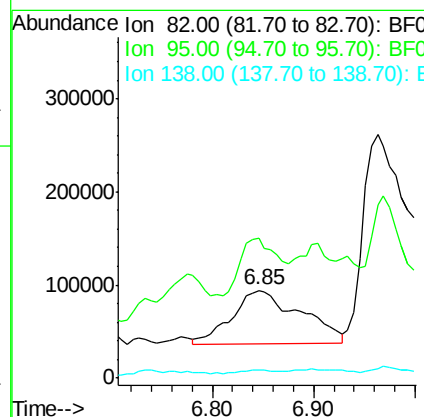
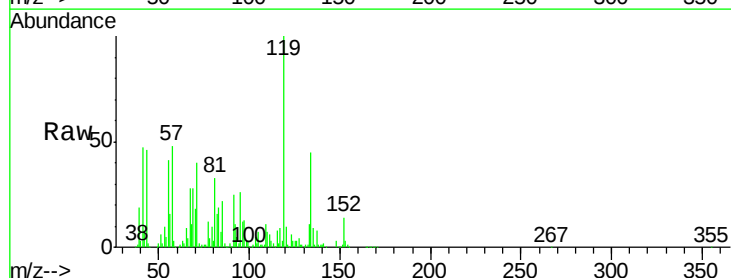
Instrument :
BNA_F
ClientSampleID :
UST-1B

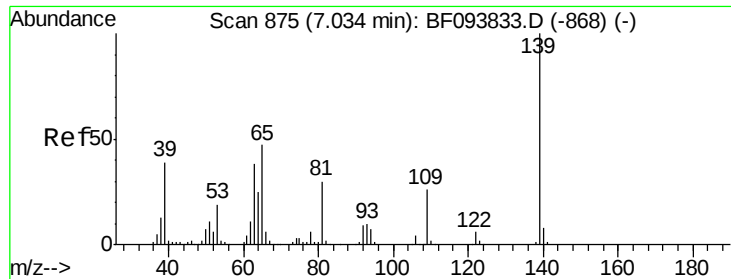
Tot Ion: 77 Resp: 330428
Ion Ratio Lower Upper
77 100
123 25.1 35.8 53.8#
65 66.4 10.6 15.8#



#25
Isophorone
Concen: 32.20 ng
RT: 6.85 min Scan# 843
Delta R.T. -0.02 min
Lab File: BF094214.D
Acq: 6 Apr 2017 3:40

Tgt Ion: 82 Resp: 270447
Ion Ratio Lower Upper
82 100
95 159.3 5.3 7.9#
138 8.7 13.1 19.7#





#26

2-Nitrophenol

Concen: 15.18 ng

RT: 6.90 min Scan# 853

Delta R.T. -0.05 min

Lab File: BF094214.D

Acq: 6 Apr 2017 3:40

Instrument :

BNA_F

ClientSampleId :

UST-1B

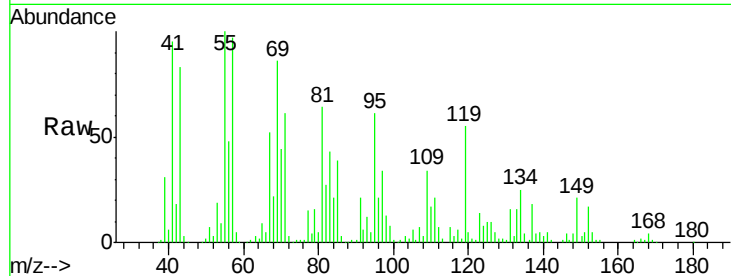
Tot Ion:139 Resp: 34124

Ion Ratio Lower Upper

139 100

109 733.0 21.0 31.6#

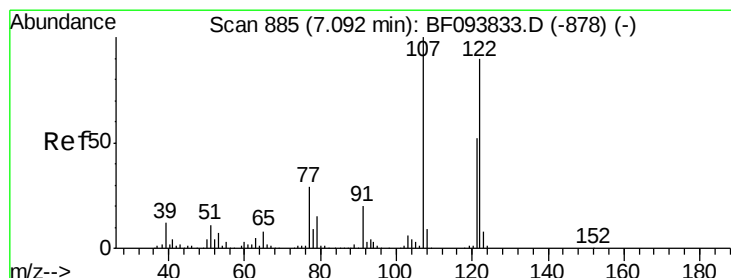
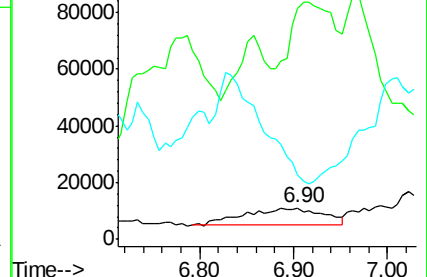
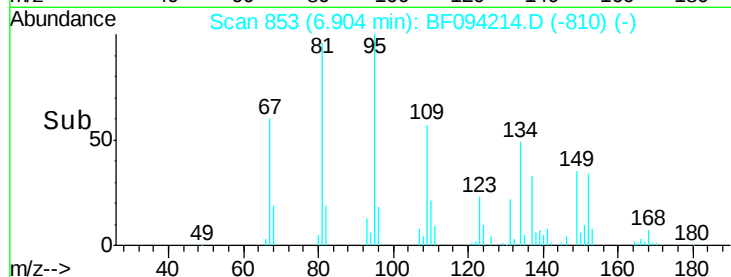
65 202.7 33.0 49.6#



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



#27

2,4-Dimethylphenol

Concen: 9.08 ng

RT: 6.98 min Scan# 866

Delta R.T. -0.04 min

Lab File: BF094214.D

Acq: 6 Apr 2017 3:40

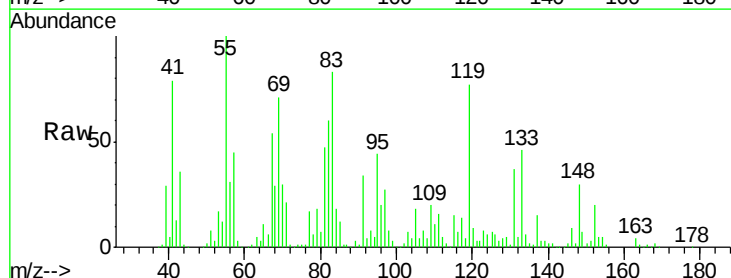
Tgt Ion:122 Resp: 35167

Ion Ratio Lower Upper

122 100

107 238.6 89.2 133.8#

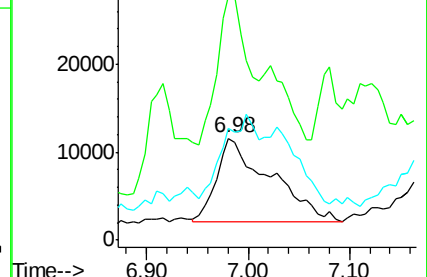
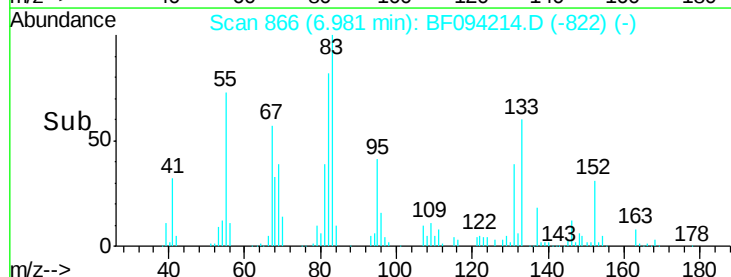
121 109.6 45.2 67.8#

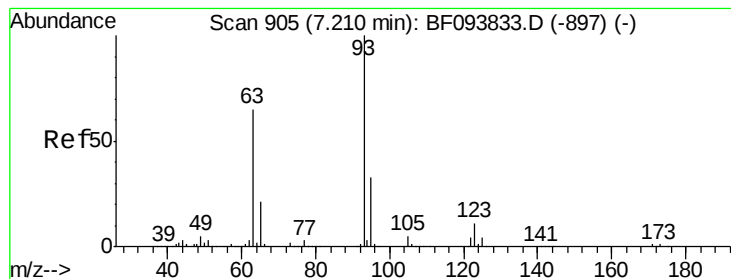


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E





#28

bis(2-Chloroethoxy)methane

Concen: 8.79 ng

RT: 7.16 min Scan# 897

Delta R.T. 0.04 min

Lab File: BF094214.D

Acq: 6 Apr 2017 3:40

Instrument :

BNA_F

ClientSampleId :

UST-1B

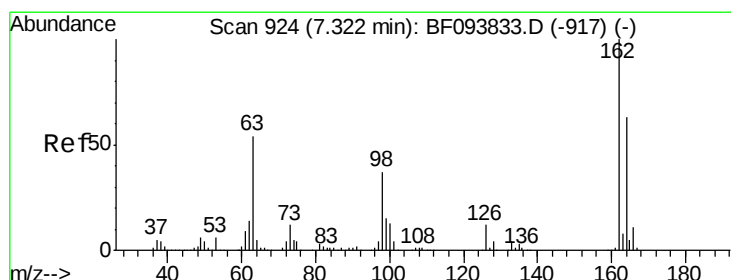
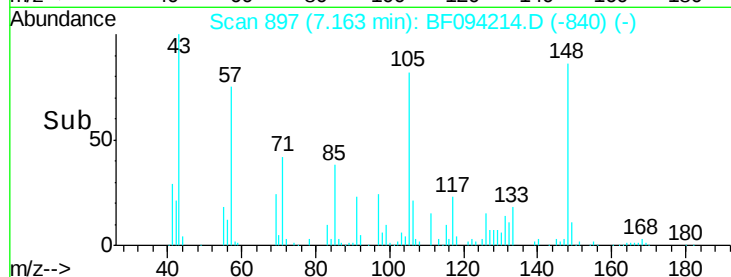
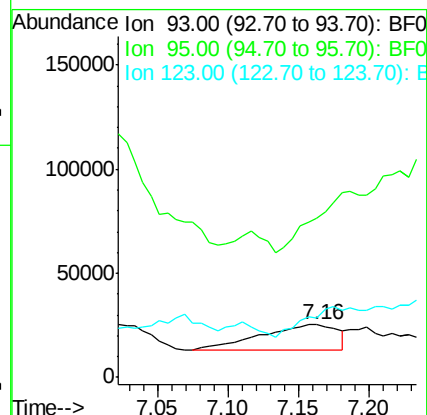
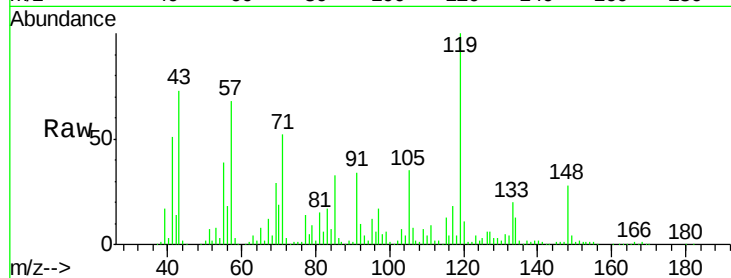
Tot Ion: 93 Resp: 48669

Ion Ratio Lower Upper

93 100

95 302.7 26.5 39.7#

123 112.2 9.0 13.4#



#29

2,4-Dichlorophenol

Concen: 18.35 ng

RT: 7.25 min Scan# 912

Delta R.T. -0.00 min

Lab File: BF094214.D

Acq: 6 Apr 2017 3:40

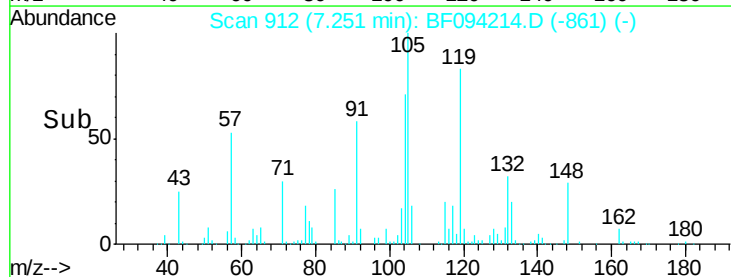
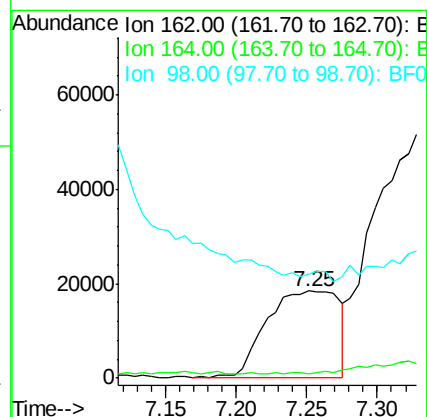
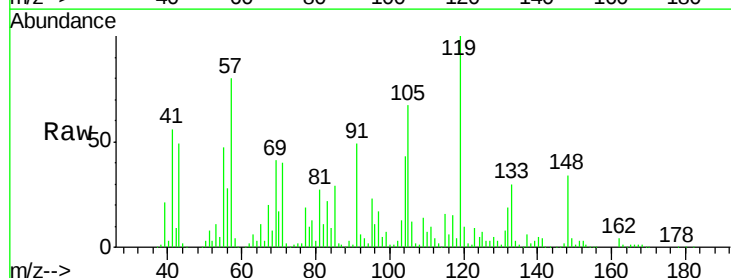
Tgt Ion: 162 Resp: 66475

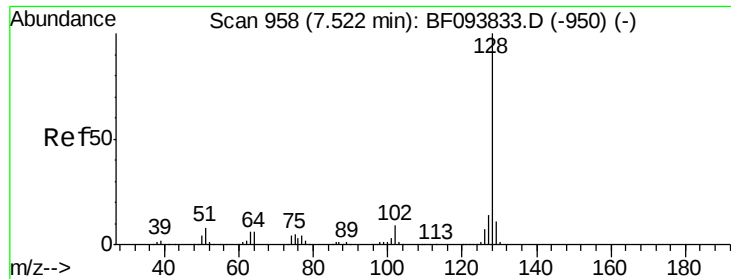
Ion Ratio Lower Upper

162 100

164 5.2 44.6 84.6#

98 119.5 14.8 54.8#

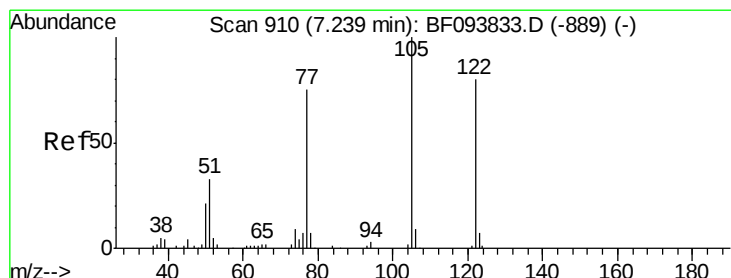
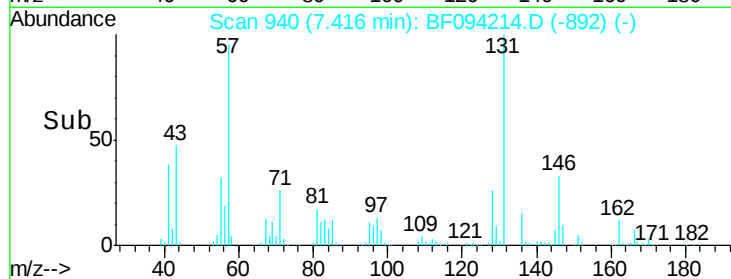
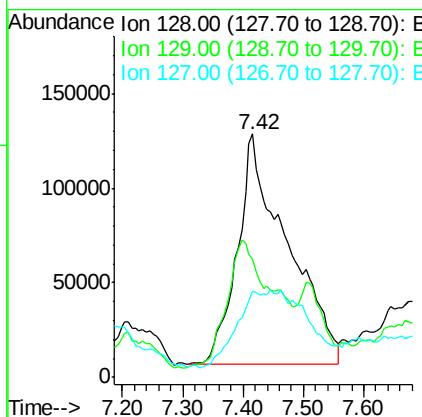
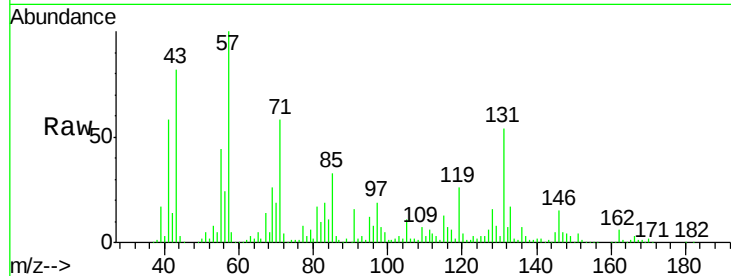




#31
Naphthalene
Concen: 53.29 ng
RT: 7.42 min Scan# 940
Delta R.T. -0.02 min
Lab File: BF094214.D
Acq: 6 Apr 2017 3:40

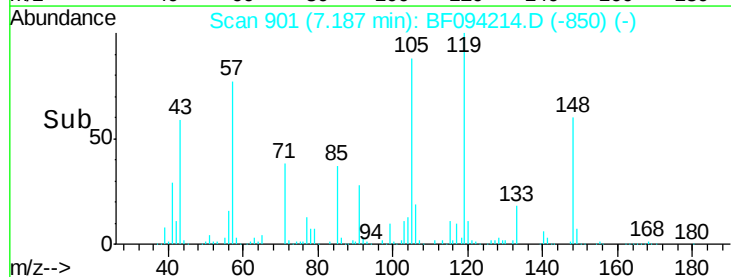
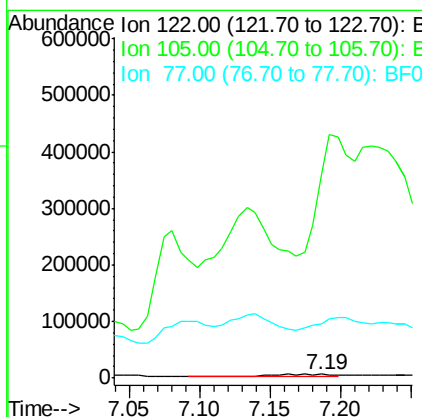
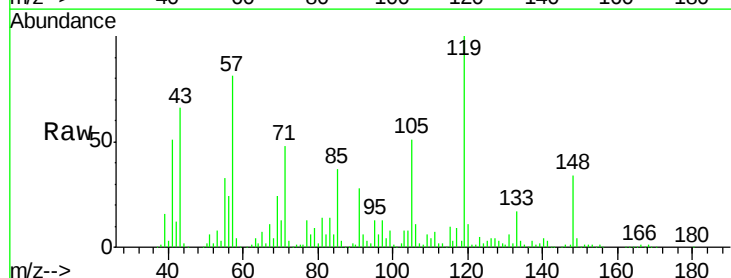
Instrument :
BNA_F
ClientSampleId :
UST-1B

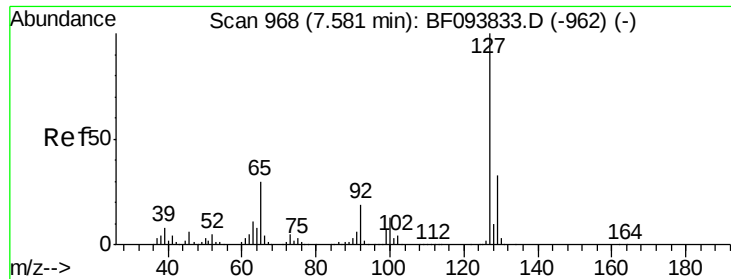
Tot Ion:128 Resp: 698910
Ion Ratio Lower Upper
128 100
129 48.4 9.0 13.6#
127 35.5 10.8 16.2#



#32
Benzoic acid
Concen: 6.31 ng
RT: 7.19 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF094214.D
Acq: 6 Apr 2017 3:40

Tgt Ion:122 Resp: 16272
Ion Ratio Lower Upper
122 100
105 5349.9 103.3 143.3#
77 1410.6 73.7 113.7#

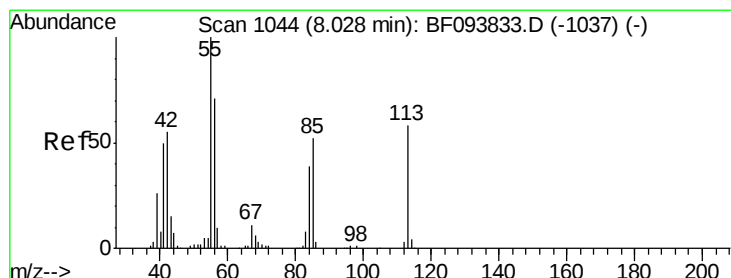
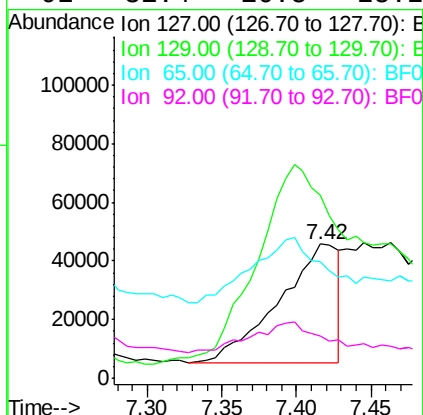
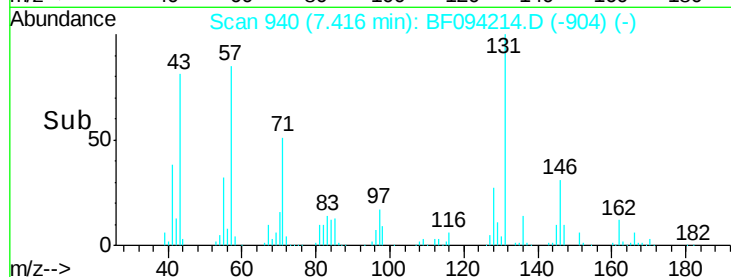
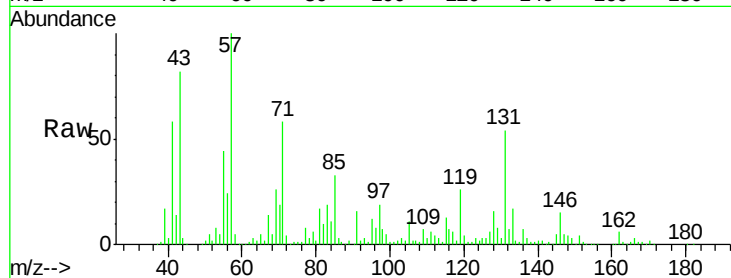




#33
4-Chloroaniline
Concen: 21.23 ng
RT: 7.42 min Scan# 940
Delta R.T. -0.09 min
Lab File: BF094214.D
Acq: 6 Apr 2017 3:40

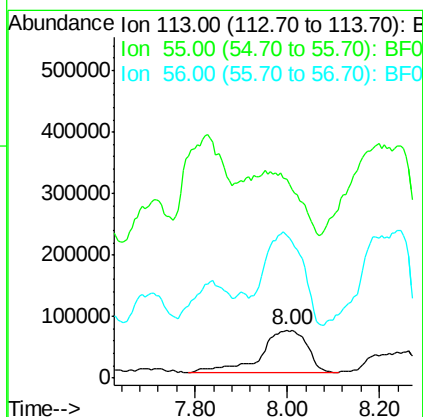
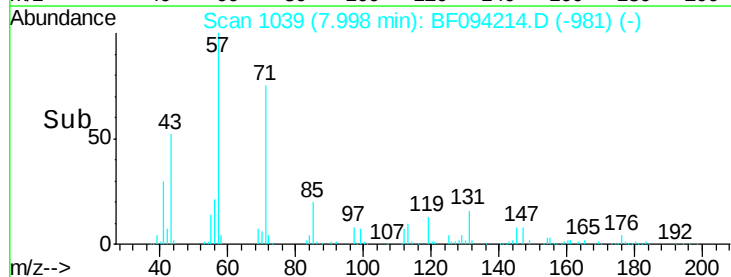
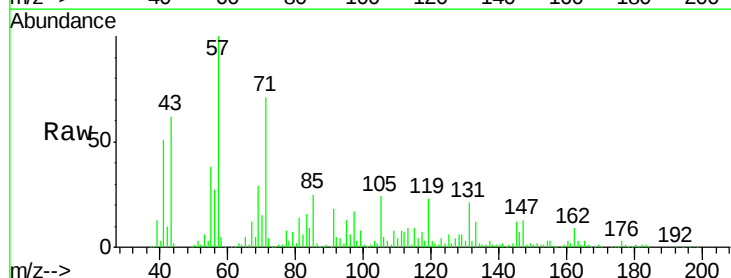
Instrument :
BNA_F
ClientSampleId :
UST-1B

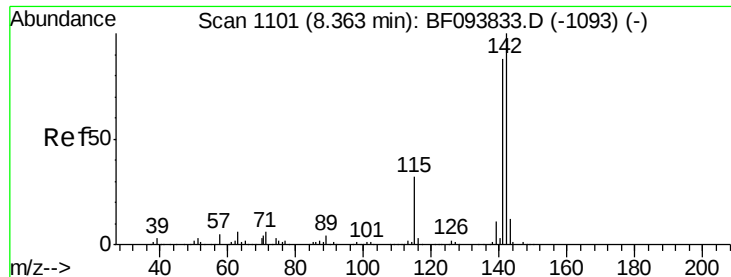
Tot Ion:127 Resp: 112850
Ion Ratio Lower Upper
127 100
129 136.5 26.2 39.2#
65 86.7 27.8 41.8#
92 31.4 16.8 25.2#



#35
Caprolactam
Concen: 419.94 ng
RT: 8.00 min Scan# 1039
Delta R.T. 0.04 min
Lab File: BF094214.D
Acq: 6 Apr 2017 3:40

Tgt Ion:113 Resp: 485007
Ion Ratio Lower Upper
113 100
55 415.1 150.2 190.2#
56 296.8 107.8 147.8#

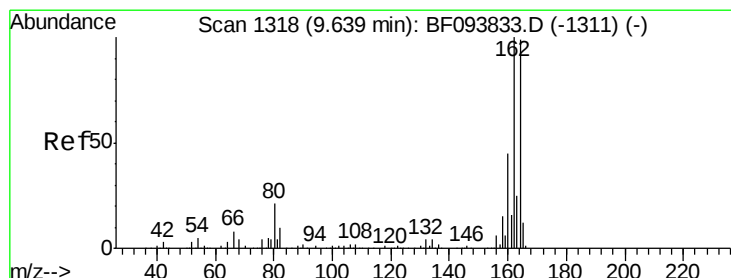
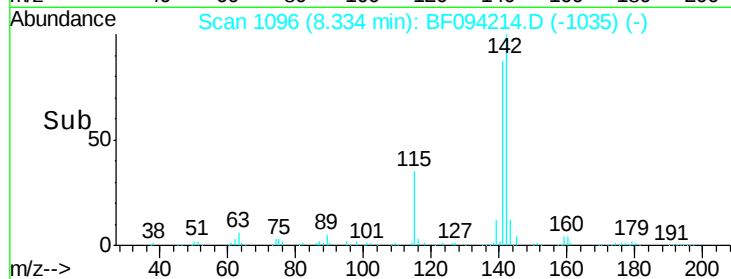
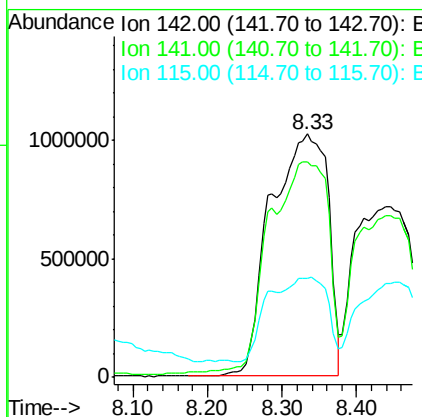
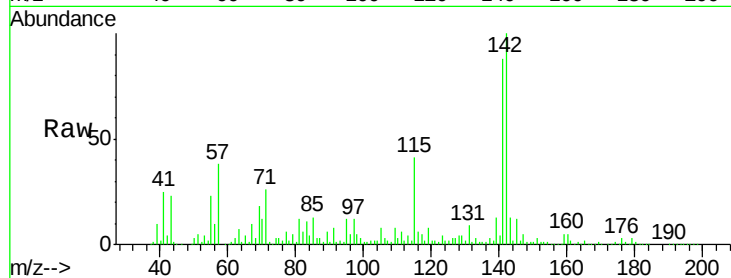




#37
 2-Methylnaphthalene
 Concen: 622.55 ng
 RT: 8.33 min Scan# 1096
 Delta R.T. 0.06 min
 Lab File: BF094214.D
 Acq: 6 Apr 2017 3:40

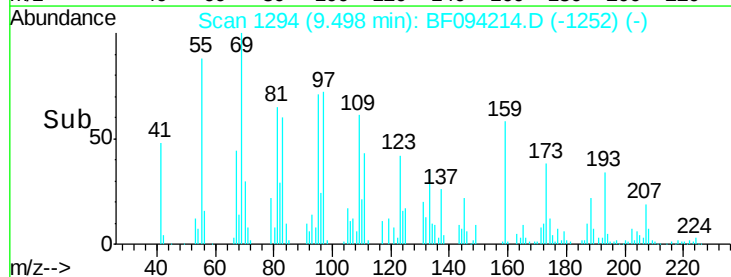
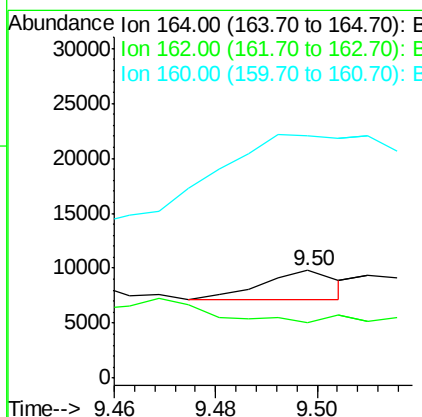
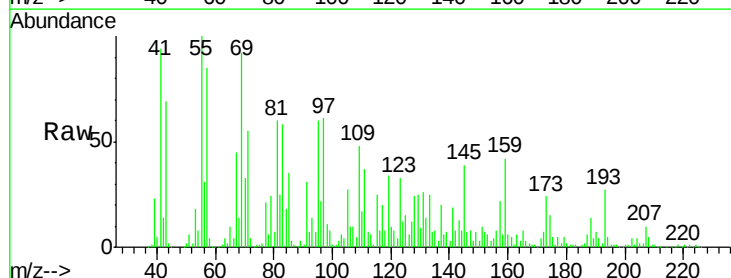
Instrument :
 BNA_F
 ClientSampleId :
 UST-1B

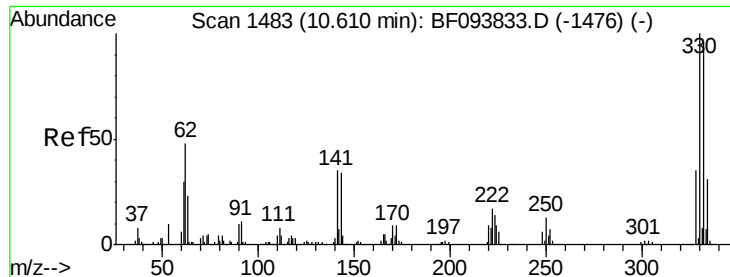
Tot Ion:142 Resp: 5442917
 Ion Ratio Lower Upper
 142 100
 141 88.4 71.3 106.9
 115 40.9 27.1 40.7#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 1294
 Delta R.T. -0.05 min
 Lab File: BF094214.D
 Acq: 6 Apr 2017 3:40

Tgt Ion:164 Resp: 2721
 Ion Ratio Lower Upper
 164 100
 162 51.2 82.6 123.8#
 160 225.5 36.2 54.2#

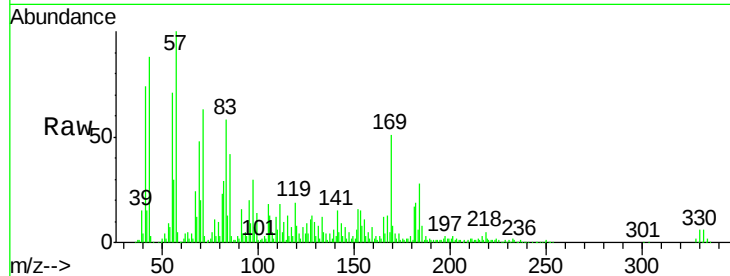




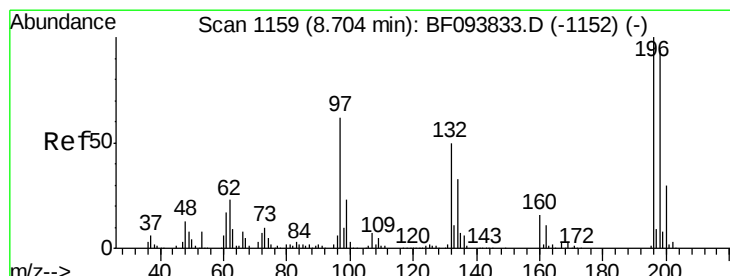
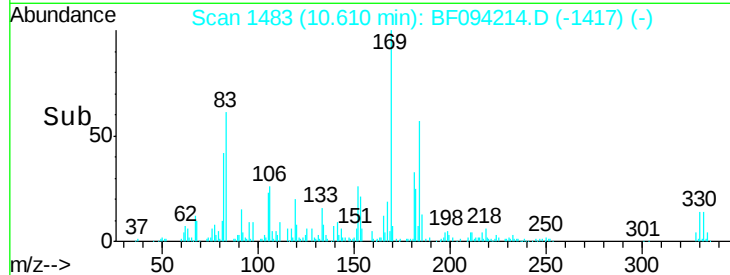
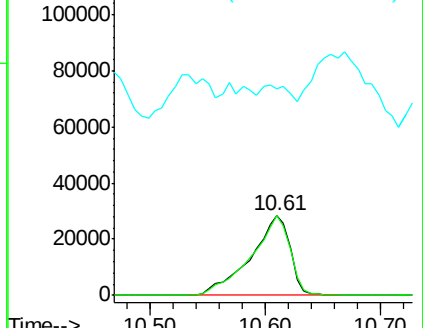
#41
 2,4,6-Tribromophenol
 Concen: 3120.17 ng
 RT: 10.61 min Scan# 1483
 Delta R.T. 0.09 min
 Lab File: BF094214.D
 Acq: 6 Apr 2017 3:40

Instrument :
 BNA_F
 ClientSampled :
 UST-1B

Tot Ion:330 Resp: 67089
 Ion Ratio Lower Upper
 330 100
 332 99.2 76.6 115.0
 141 0.0 31.4 47.2#

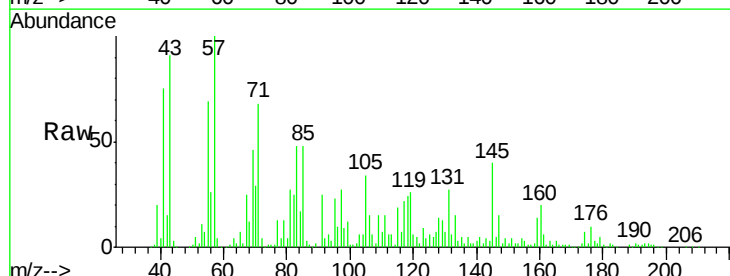


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

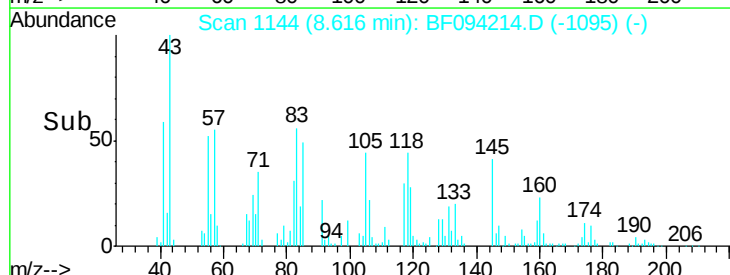
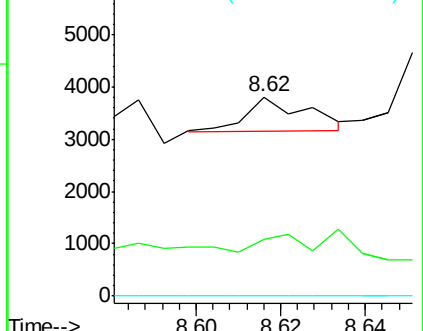


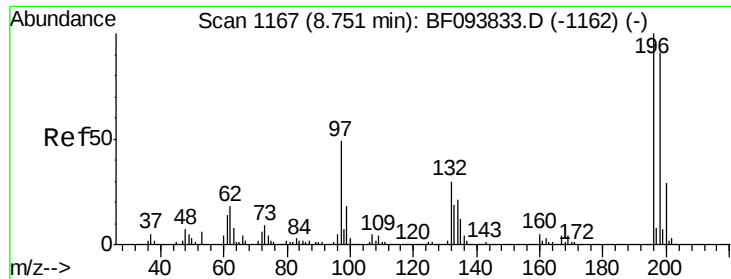
#42
 2,4,6-Trichlorophenol
 Concen: 12.23 ng
 RT: 8.62 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF094214.D
 Acq: 6 Apr 2017 3:40

Tgt Ion:196 Resp: 644
 Ion Ratio Lower Upper
 196 100
 198 28.6 74.2 111.4#
 200 0.0 24.0 36.0#



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

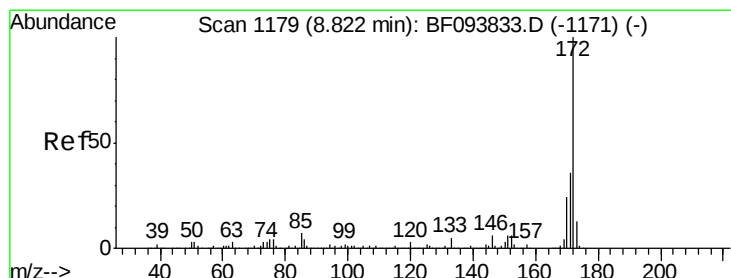
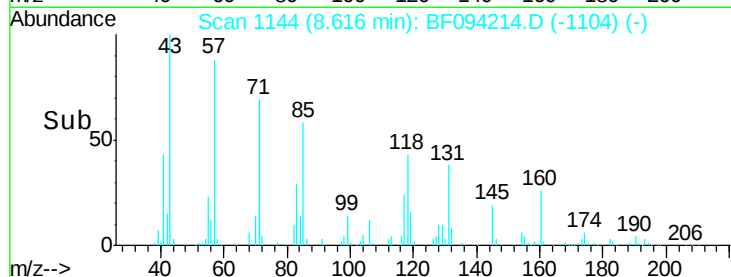
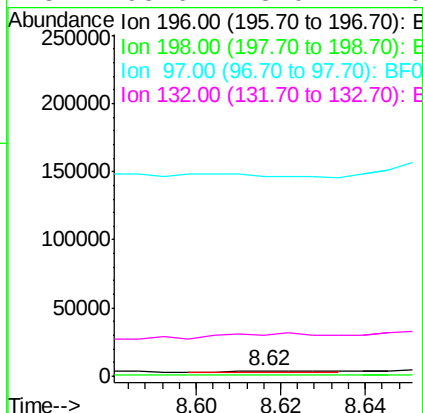
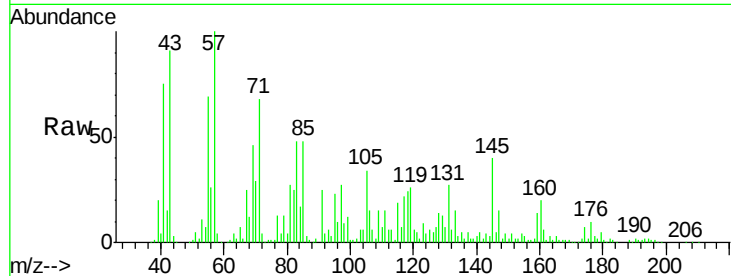




#43
2,4,5-Trichlorophenol
Concen: 21.46 ng
RT: 8.62 min Scan# 1144
Delta R.T. -0.06 min
Lab File: BF094214.D
Acq: 6 Apr 2017 3:40

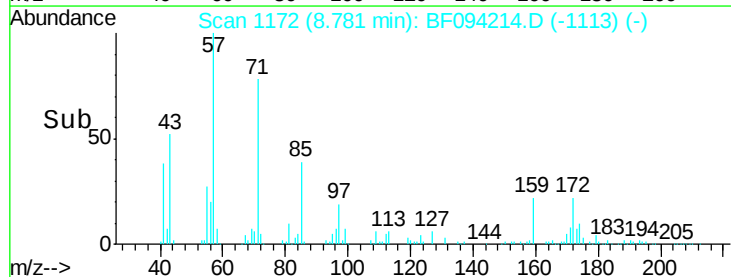
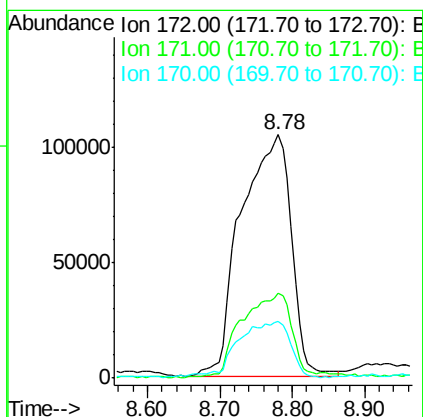
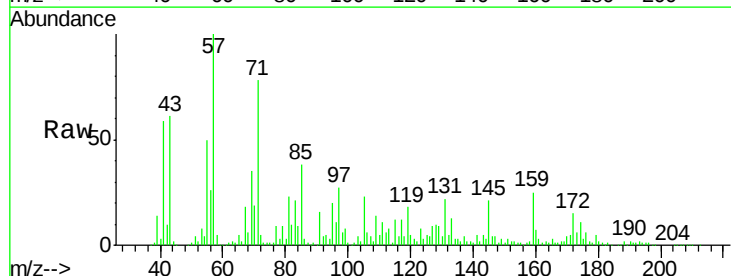
Instrument :
BNA_F
ClientSampled :
UST-1B

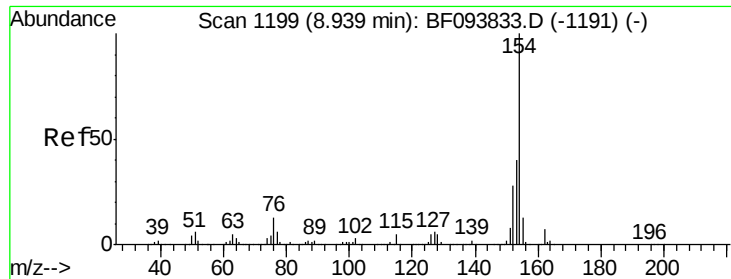
Tot Ion:196 Resp: 1223
Ion Ratio Lower Upper
196 100
198 28.6 75.7 113.5#
97 3856.1 47.7 71.5#
132 795.6 28.0 42.0#



#44
2-Fluorobiphenyl
Concen: 2827.65 ng
RT: 8.78 min Scan# 1172
Delta R.T. 0.05 min
Lab File: BF094214.D
Acq: 6 Apr 2017 3:40

Tgt Ion:172 Resp: 504439
Ion Ratio Lower Upper
172 100
171 35.0 29.6 44.4
170 23.1 19.8 29.8





#45

1,1'-Biphenyl

Concen: 3807.07 ng

RT: 8.86 min Scan# 1186

Delta R.T. 0.01 min

Lab File: BF094214.D

Acq: 6 Apr 2017 3:40

Instrument :

BNA_F

ClientSampleId :

UST-1B

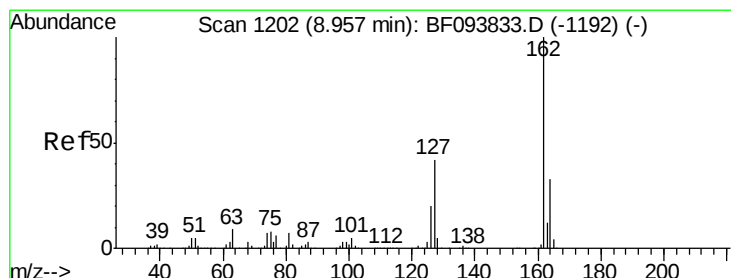
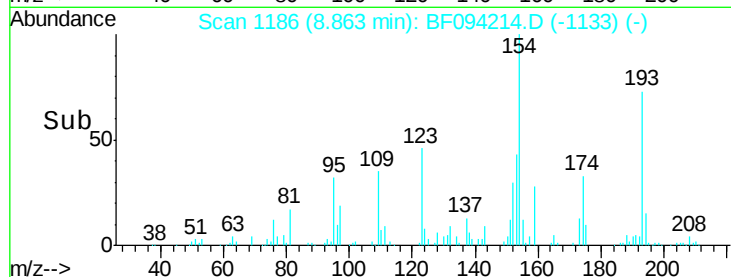
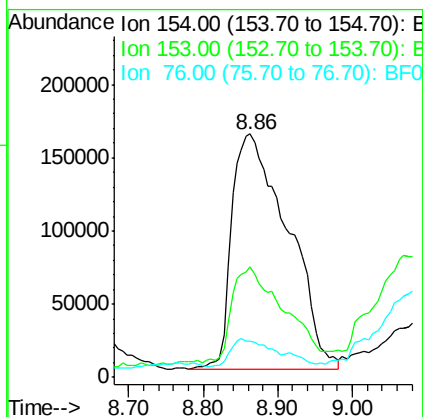
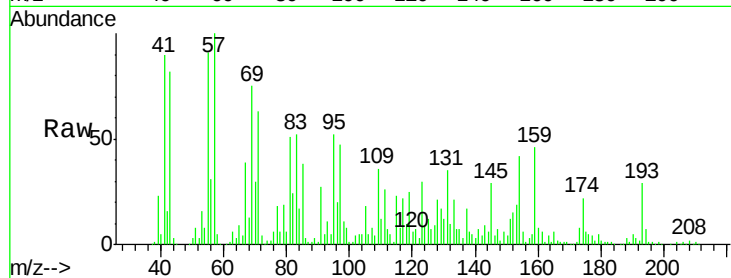
Tot Ion:154 Resp: 835549

Ion Ratio Lower Upper

154 100

153 45.3 21.2 61.2

76 14.8 0.0 29.9



#46

2-Chloronaphthalene

Concen: 22.38 ng

RT: 8.83 min Scan# 1180

Delta R.T. -0.04 min

Lab File: BF094214.D

Acq: 6 Apr 2017 3:40

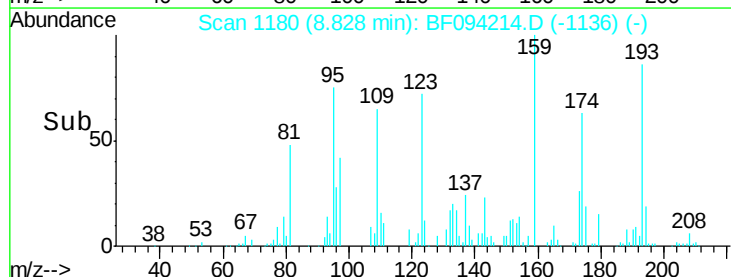
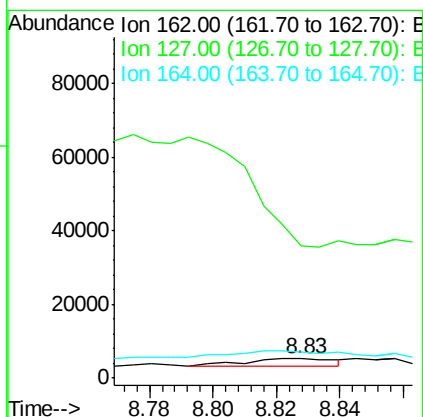
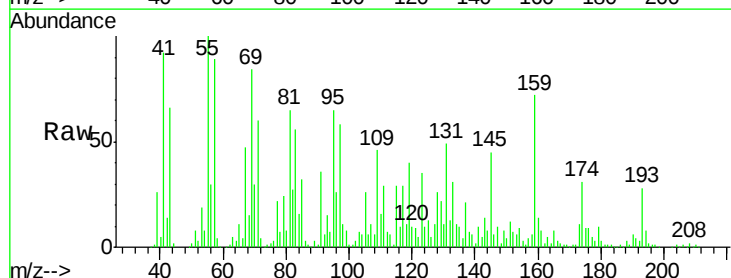
Tgt Ion:162 Resp: 3845

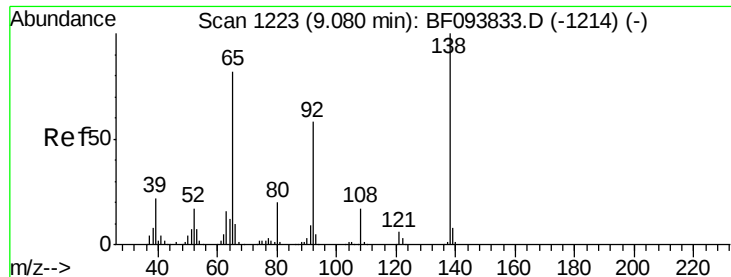
Ion Ratio Lower Upper

162 100

127 690.8 28.3 42.5#

164 135.1 27.0 40.4#

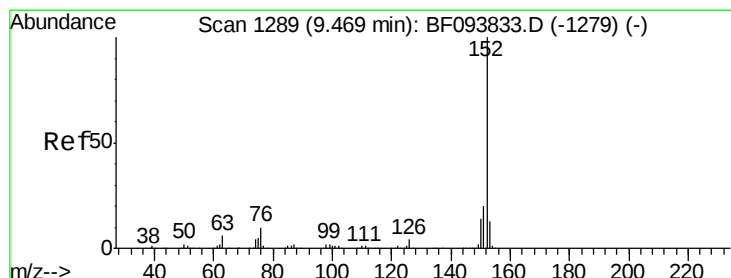
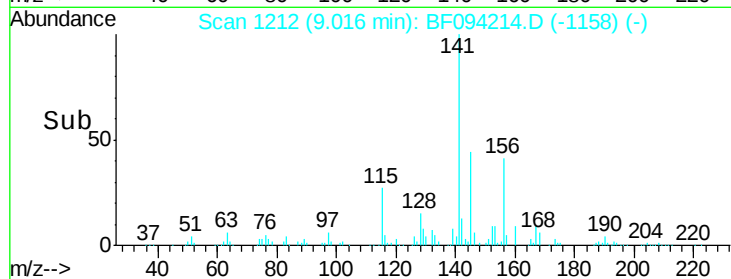
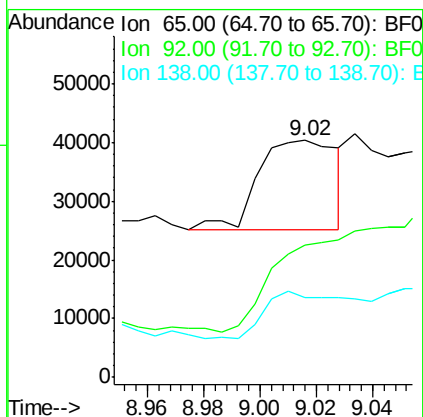
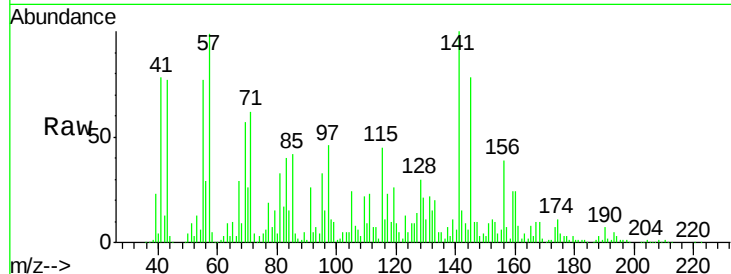




#47
2-Nitroaniline
Concen: 580.13 ng
RT: 9.02 min Scan# 1212
Delta R.T. 0.02 min
Lab File: BF094214.D
Acq: 6 Apr 2017 3:40

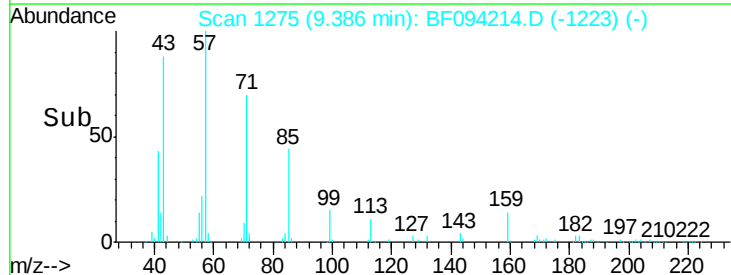
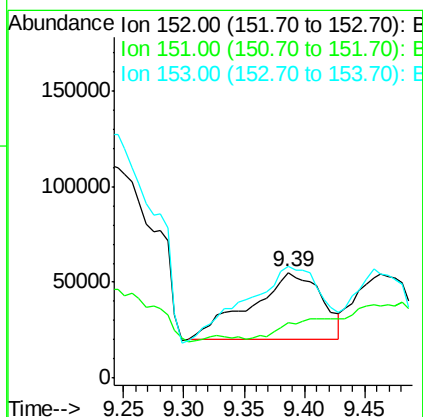
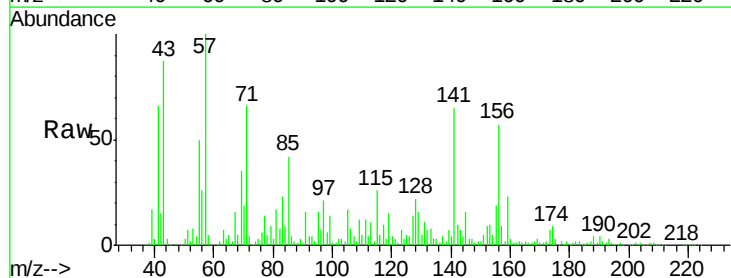
Instrument :
BNA_F
ClientSampleId :
UST-1B

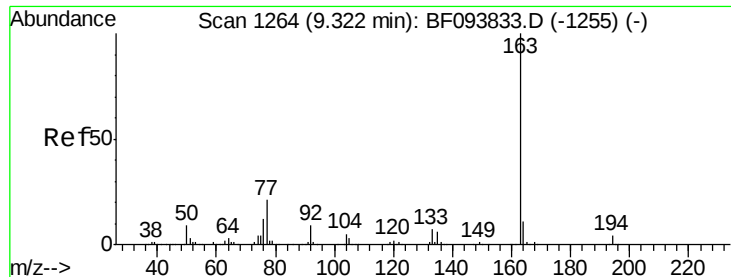
Tot Ion: 65 Resp: 29566
Ion Ratio Lower Upper
65 100
92 55.5 53.9 80.9
138 33.4 78.8 118.2#



#48
Acenaphthylene
Concen: 493.14 ng
RT: 9.39 min Scan# 1275
Delta R.T. 0.01 min
Lab File: BF094214.D
Acq: 6 Apr 2017 3:40

Tgt Ion: 152 Resp: 140806
Ion Ratio Lower Upper
152 100
151 53.0 16.8 25.2#
153 106.3 10.8 16.2#

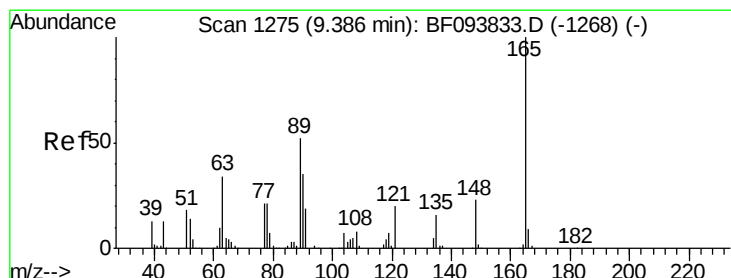
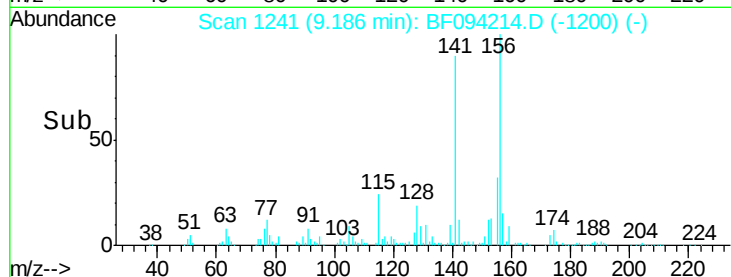
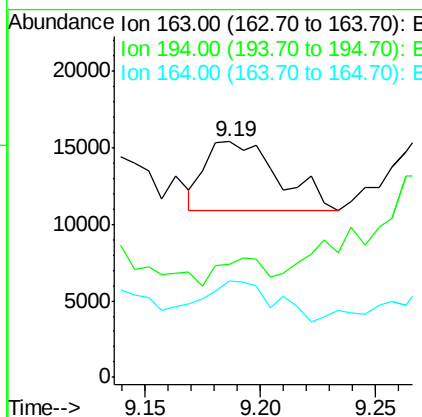
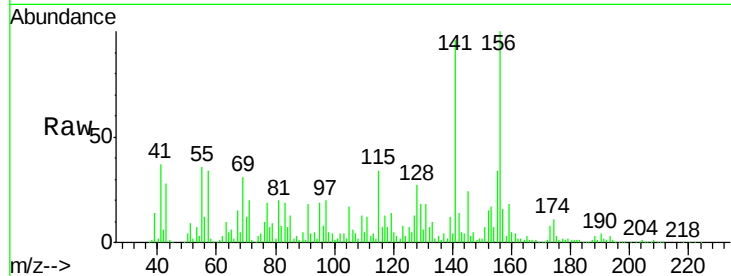




#49
 Dimethylphthalate
 Concen: 51.54 ng
 RT: 9.19 min Scan# 1241
 Delta R.T. -0.06 min
 Lab File: BF094214.D
 Acq: 6 Apr 2017 3:40

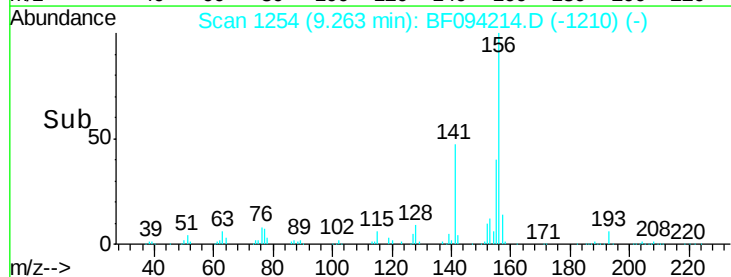
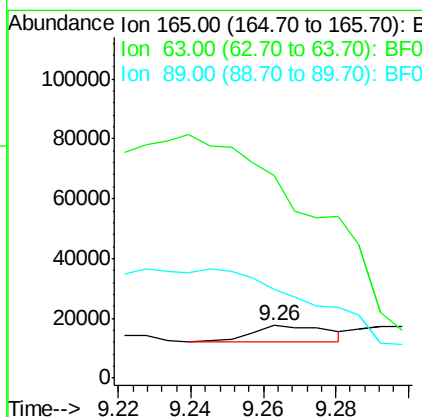
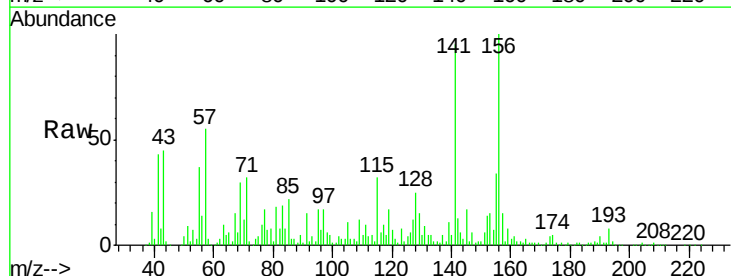
Instrument :
 BNA_F
 ClientSampleID :
 UST-1B

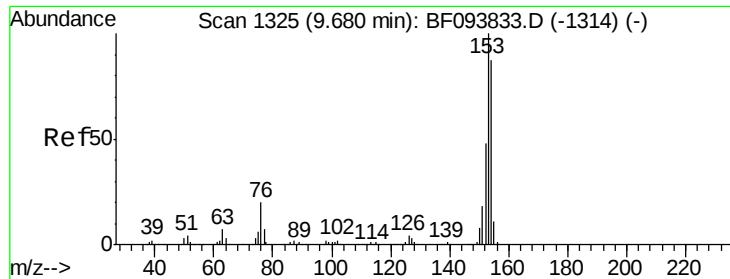
Tot Ion:163	Resp:	9968
Ion Ratio	Lower	Upper
163	100	
194	47.9	2.6 4.0#
164	40.9	8.4 12.6#



#50
 2,6-Dinitrotoluene
 Concen: 163.08 ng
 RT: 9.26 min Scan# 1254
 Delta R.T. -0.04 min
 Lab File: BF094214.D
 Acq: 6 Apr 2017 3:40

Tgt Ion:165	Resp:	7231
Ion Ratio	Lower	Upper
165	100	
63	386.7	34.3 51.5#
89	170.4	37.1 55.7#





#51

Acenaphthene

Concen: 220.69 ng

RT: 9.46 min Scan# 1287

Delta R.T. -0.14 min

Lab File: BF094214.D

Acq: 6 Apr 2017 3:40

Instrument :

BNA_F

ClientSampleId :

UST-1B

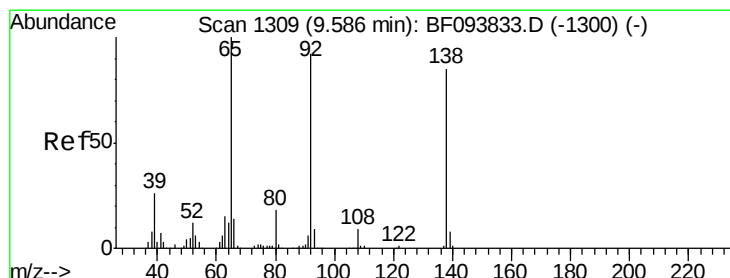
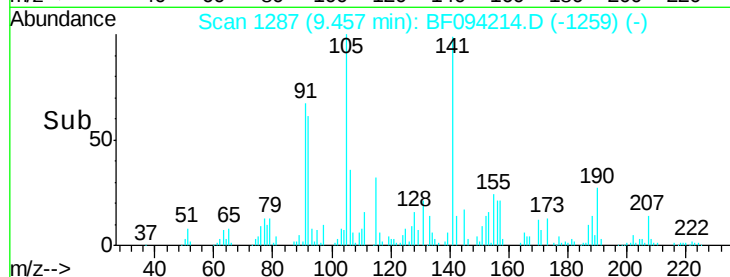
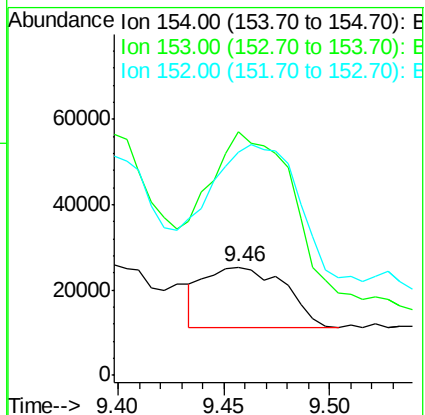
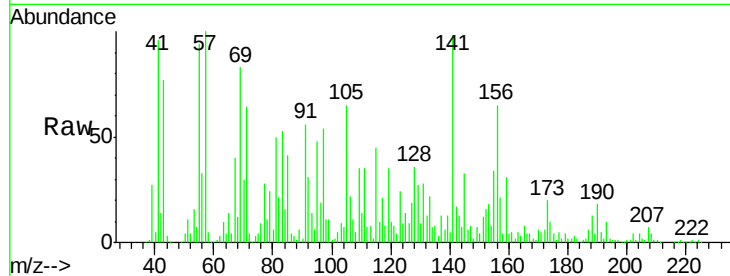
Tot Ion:154 Resp: 36768

Ion Ratio Lower Upper

154 100

153 224.5 90.5 135.7#

152 206.3 43.6 65.4#



#52

3-Nitroaniline

Concen: 303.70 ng

RT: 9.40 min Scan# 1278

Delta R.T. -0.11 min

Lab File: BF094214.D

Acq: 6 Apr 2017 3:40

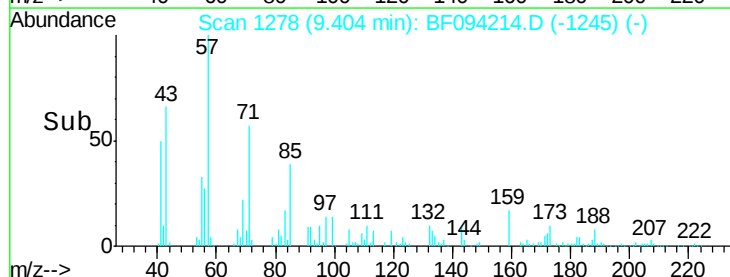
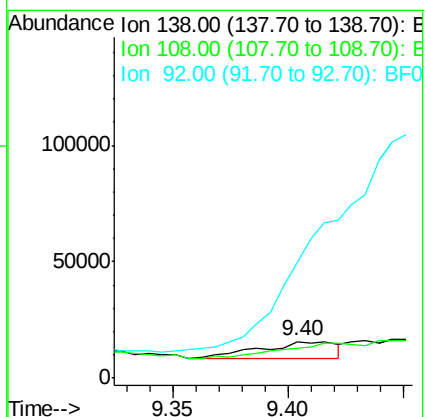
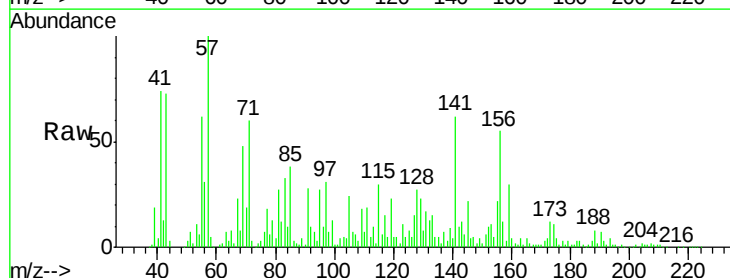
Tgt Ion:138 Resp: 15812

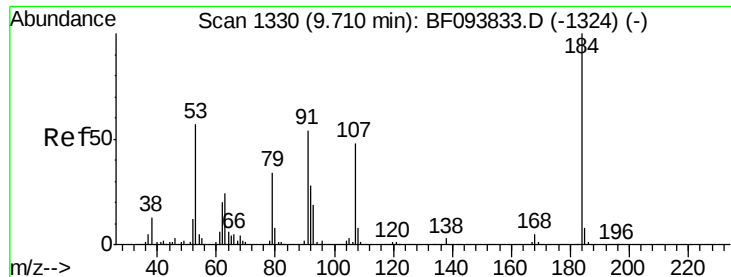
Ion Ratio Lower Upper

138 100

108 81.2 9.1 13.7#

92 315.0 93.8 140.6#

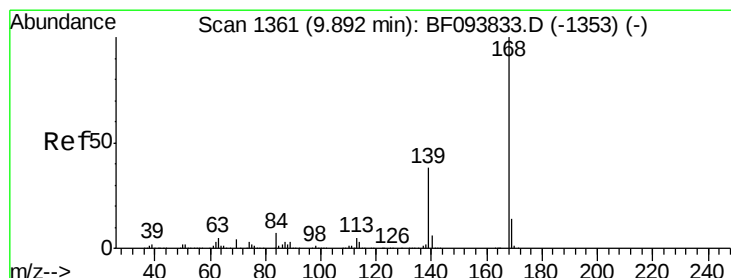
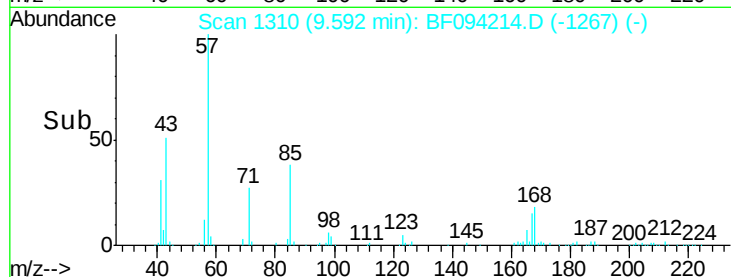
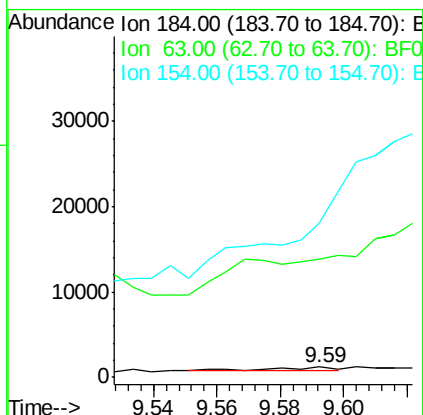
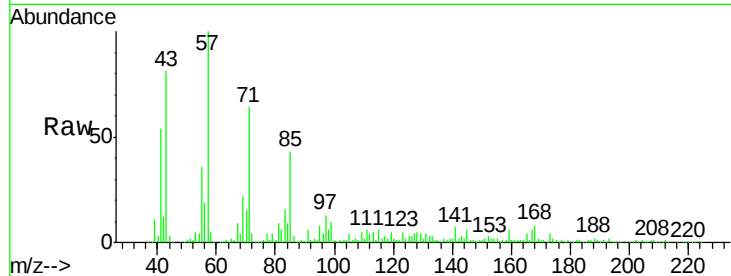




#53
 2,4-Dinitrophenol
 Concen: 32.29 ng
 RT: 9.59 min Scan# 1310
 Delta R.T. -0.05 min
 Lab File: BF094214.D
 Acq: 6 Apr 2017 3:40

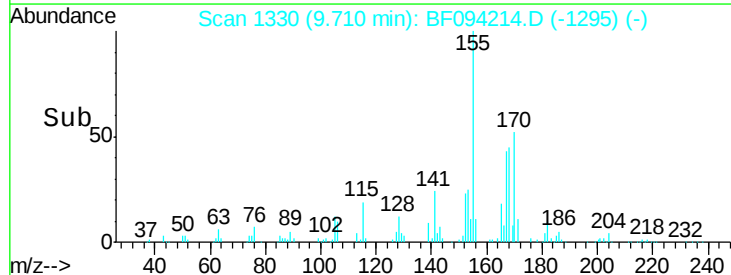
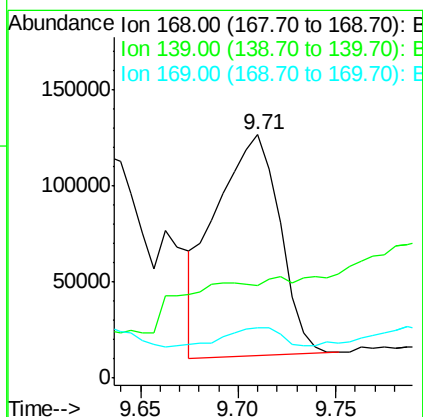
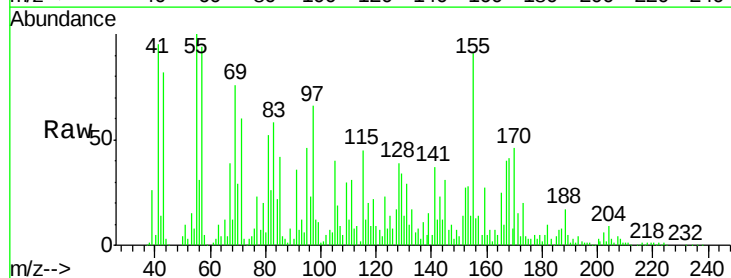
Instrument :
 BNA_F
 ClientSampleId :
 UST-1B

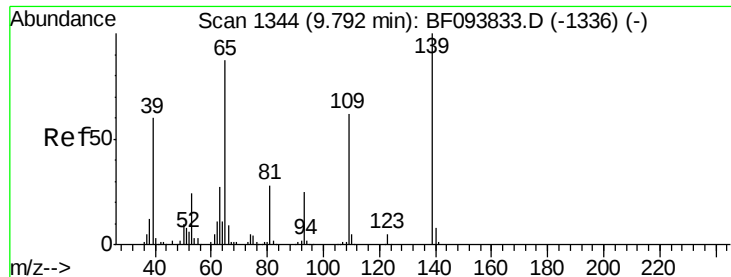
Tot Ion:184 Resp: 696
 Ion Ratio Lower Upper
 184 100
 63 1154.9 62.7 94.1#
 154 1517.5 81.1 121.7#



#54
 Dibenzofuran
 Concen: 1161.41 ng
 RT: 9.71 min Scan# 1330
 Delta R.T. -0.09 min
 Lab File: BF094214.D
 Acq: 6 Apr 2017 3:40

Tgt Ion:168 Resp: 263406
 Ion Ratio Lower Upper
 168 100
 139 38.0 30.6 45.8
 169 20.9 10.8 16.2#





#55

4-Nitrophenol

Concen: 1815.81 ng

RT: 9.70 min Scan# 1328

Delta R.T. -0.04 min

Lab File: BF094214.D

Acq: 6 Apr 2017 3:40

Instrument :

BNA_F

ClientSampled :

UST-1B

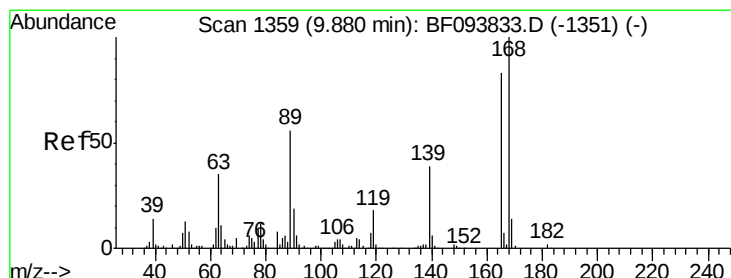
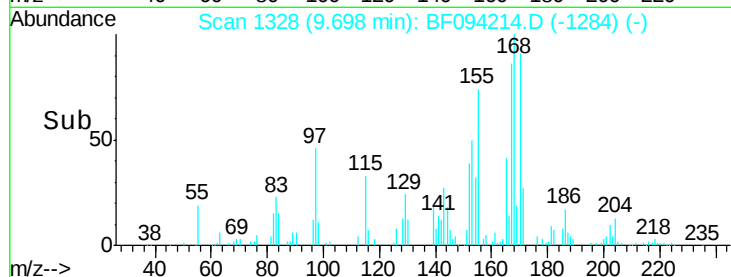
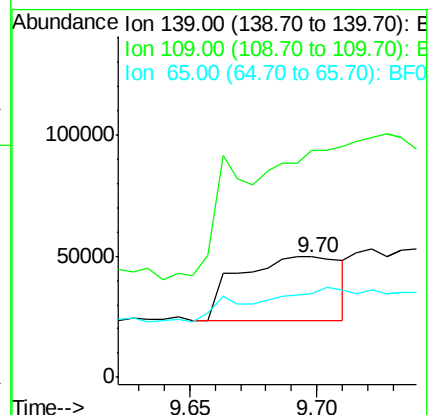
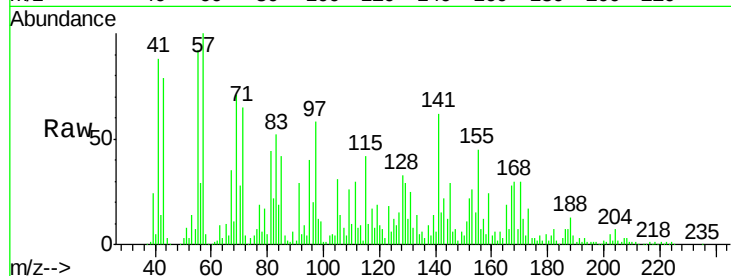
Tot Ion:139 Resp: 74038

Ion Ratio Lower Upper

139 100

109 188.8 34.1 74.1#

65 69.3 31.4 71.4



#56

2,4-Dinitrotoluene

Concen: 1239.61 ng

RT: 9.71 min Scan# 1330

Delta R.T. -0.09 min

Lab File: BF094214.D

Acq: 6 Apr 2017 3:40

Tgt Ion:165 Resp: 69043

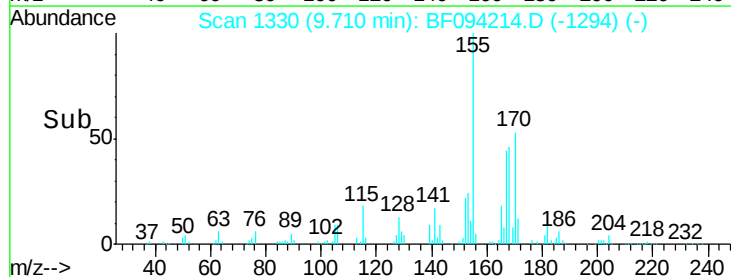
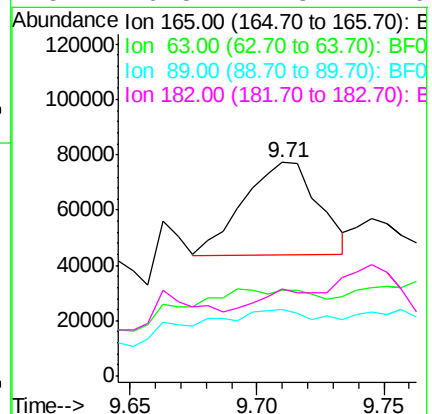
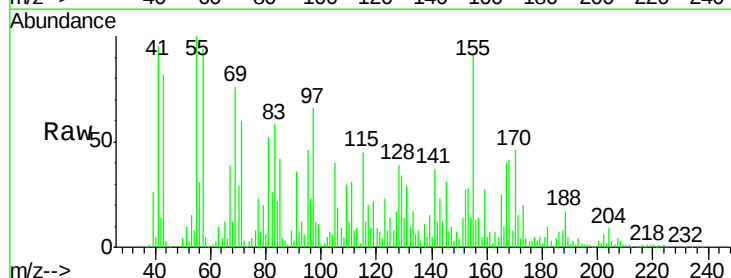
Ion Ratio Lower Upper

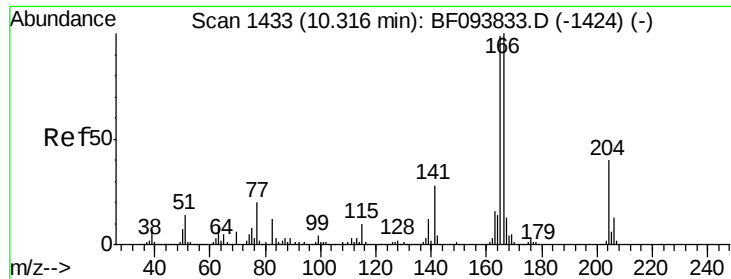
165 100

63 40.1 25.4 38.0#

89 30.9 46.4 69.6#

182 40.8 1.8 2.6#





#57

Fluorene

Concen: 191.12 ng

RT: 10.16 min Scan# 1407

Delta R.T. -0.06 min

Lab File: BF094214.D

Acq: 6 Apr 2017 3:40

Instrument :

BNA_F

ClientSampleId :

UST-1B

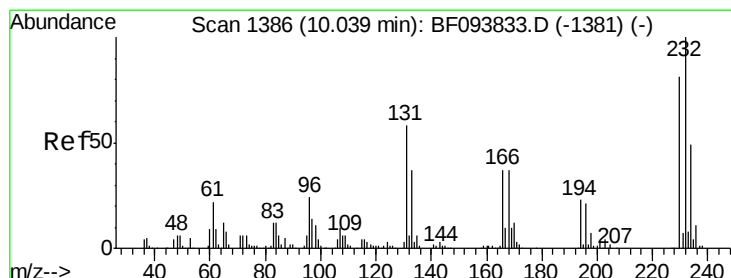
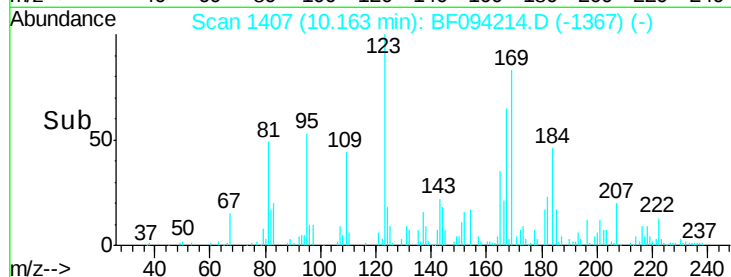
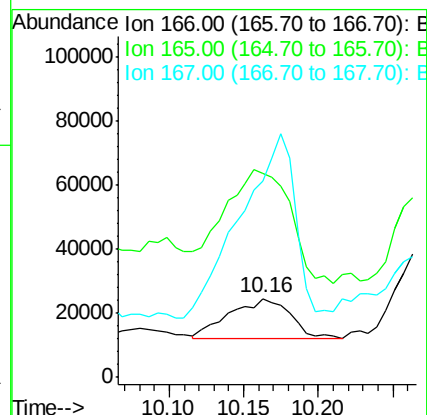
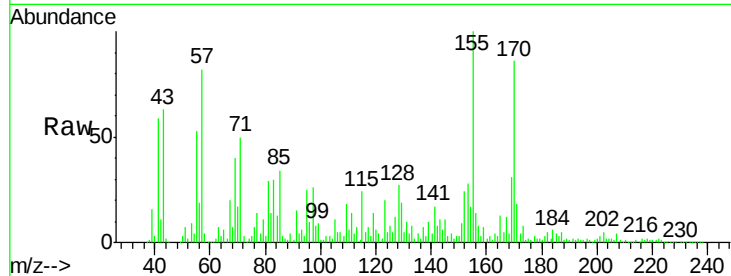
Tot Ion:166 Resp: 35946

Ion Ratio Lower Upper

166 100

165 260.3 78.8 118.2#

167 250.6 10.6 16.0#



#58

2,3,4,6-Tetrachlorophenol

Concen: 7.24 ng

RT: 9.91 min Scan# 1364

Delta R.T. -0.05 min

Lab File: BF094214.D

Acq: 6 Apr 2017 3:40

Tgt Ion:232 Resp: 283

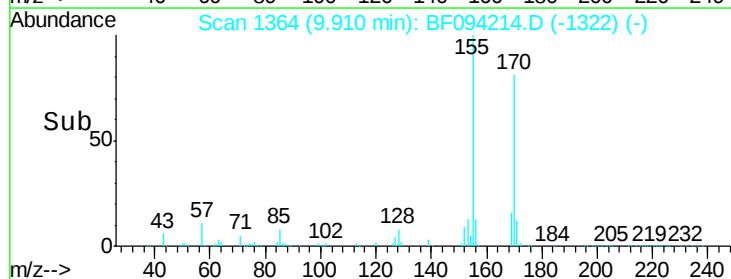
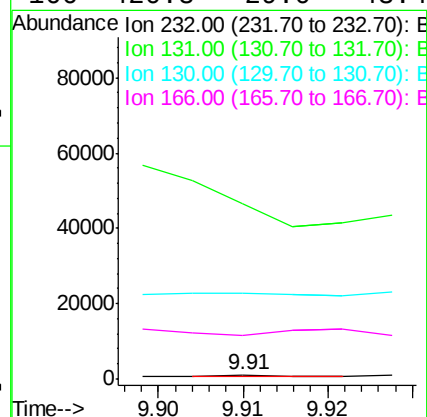
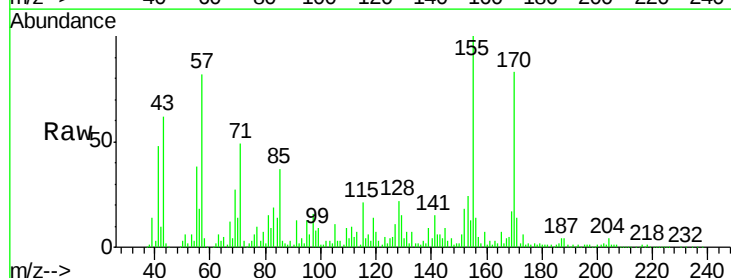
Ion Ratio Lower Upper

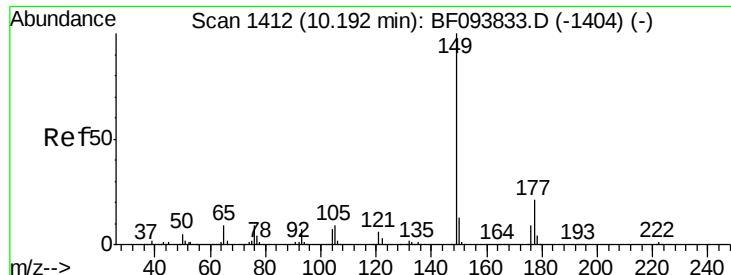
232 100

131 0.0 44.8 67.2#

130 0.0 2.3 3.5#

166 420.8 29.0 43.4#

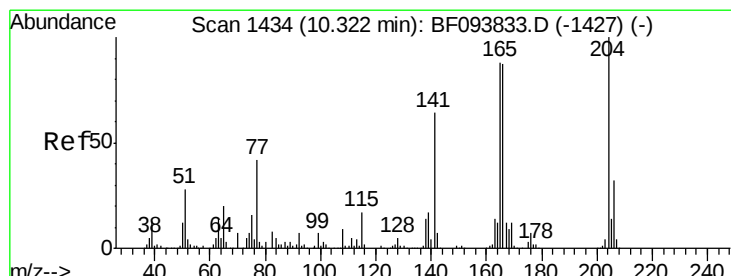
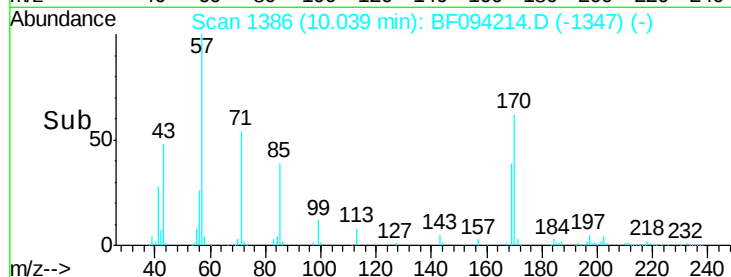
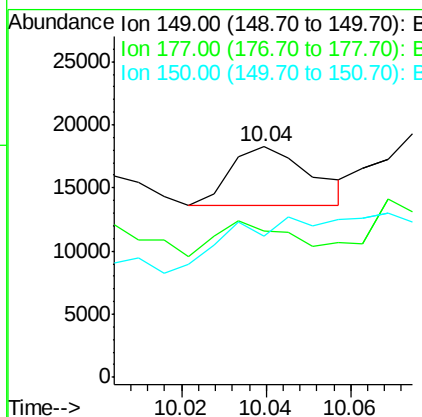
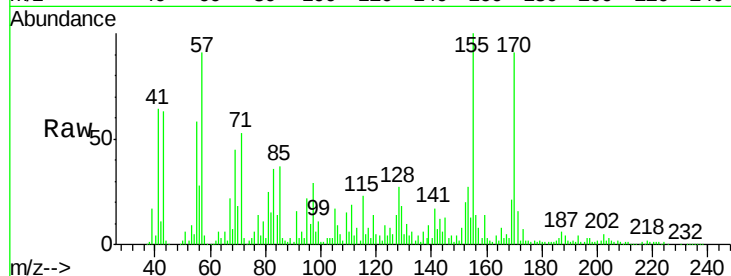




#59
Diethylphthalate
Concen: 31.99 ng
RT: 10.04 min Scan# 1386
Delta R.T. -0.07 min
Lab File: BF094214.D
Acq: 6 Apr 2017 3:40

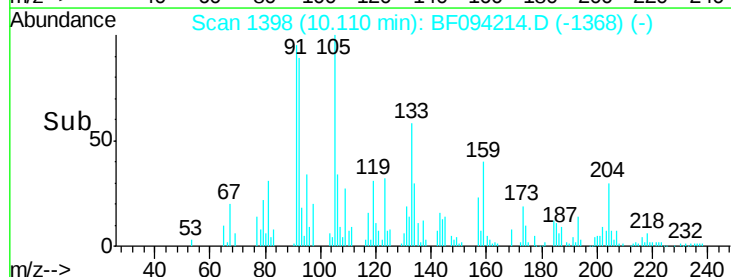
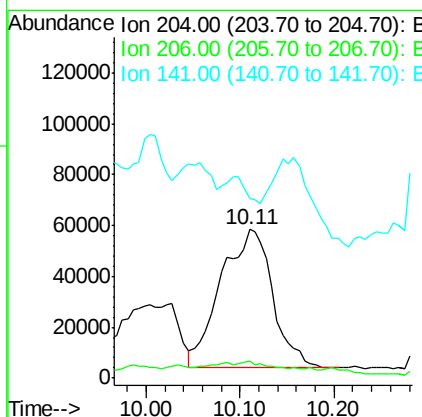
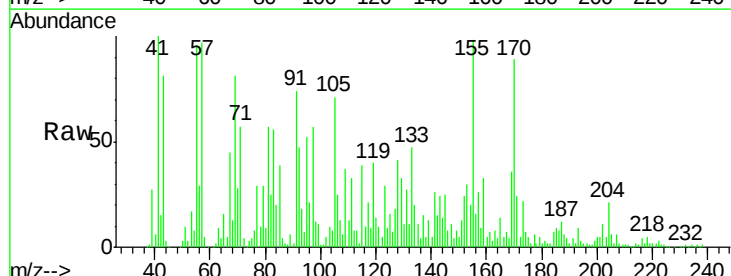
Instrument :
BNA_F
ClientSampleId :
UST-1B

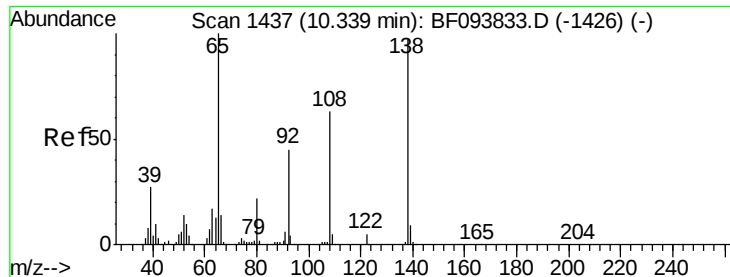
Tot Ion:149 Resp: 6116
Ion Ratio Lower Upper
149 100
177 63.5 16.7 25.1#
150 61.4 10.2 15.2#



#60
4-Chlorophenyl-phenylether
Concen: 2590.45 ng
RT: 10.11 min Scan# 1398
Delta R.T. -0.12 min
Lab File: BF094214.D
Acq: 6 Apr 2017 3:40

Tgt Ion:204 Resp: 207557
Ion Ratio Lower Upper
204 100
206 11.2 26.2 39.2#
141 121.3 60.8 91.2#





#61

4-Nitroaniline

Concen: 531.02 ng

RT: 10.31 min Scan# 1432

Delta R.T. 0.04 min

Lab File: BF094214.D

Acq: 6 Apr 2017 3:40

Instrument :

BNA_F

ClientSampleId :

UST-1B

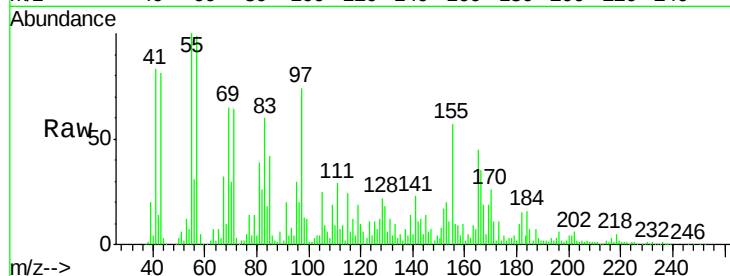
Tot Ion:138 Resp: 26531

Ion Ratio Lower Upper

138 100

92 102.7 21.8 61.8#

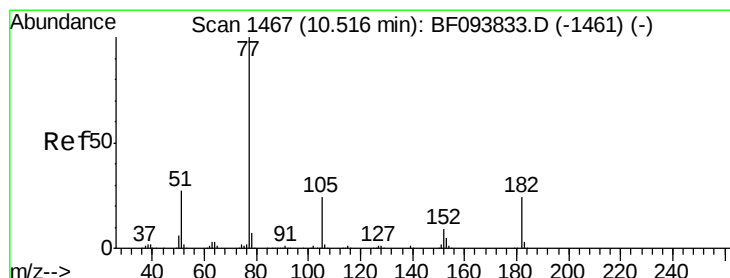
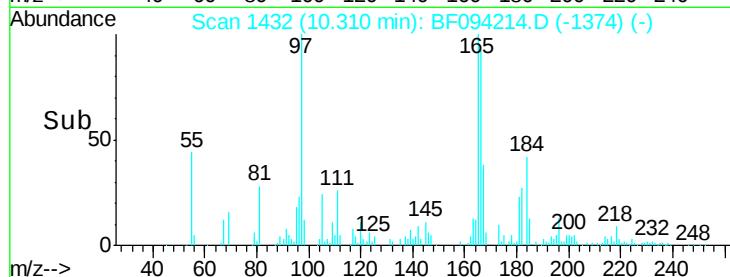
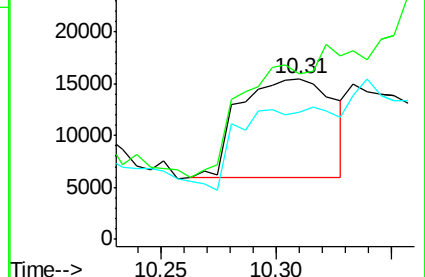
108 79.1 42.3 82.3



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



#62

Azobenzene

Concen: 837.26 ng

RT: 10.33 min Scan# 1436

Delta R.T. -0.09 min

Lab File: BF094214.D

Acq: 6 Apr 2017 3:40

Tgt Ion: 77 Resp: 151409

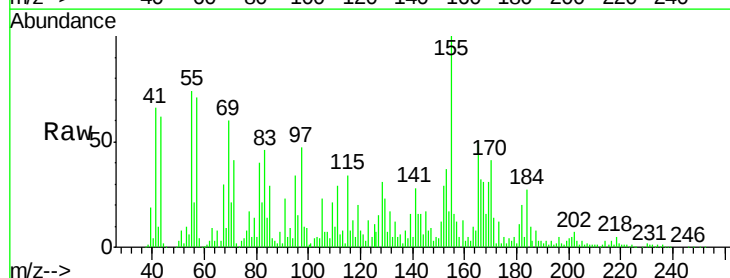
Ion Ratio Lower Upper

77 100

182 116.6 0.1 40.1#

105 136.8 3.6 43.6#

51 44.6 9.4 49.4

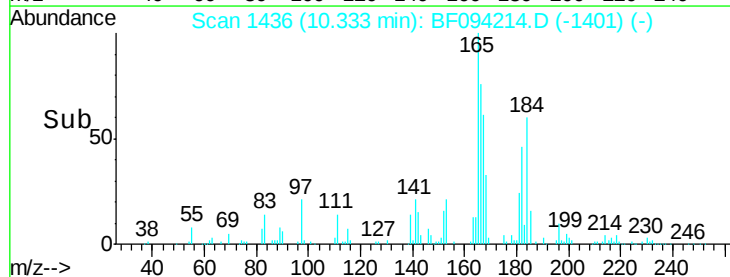
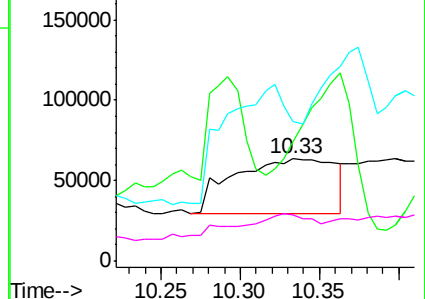


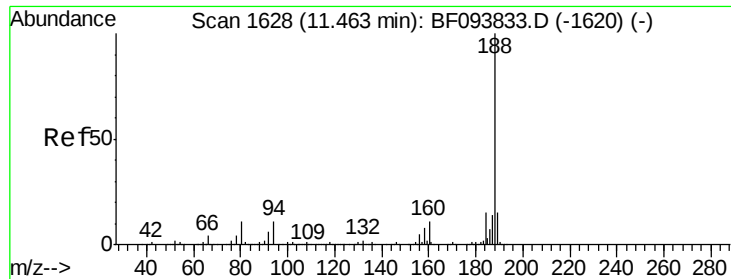
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

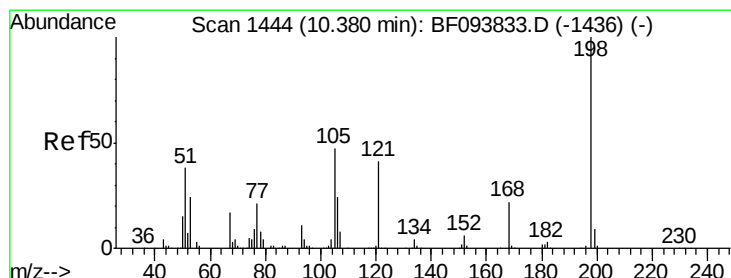
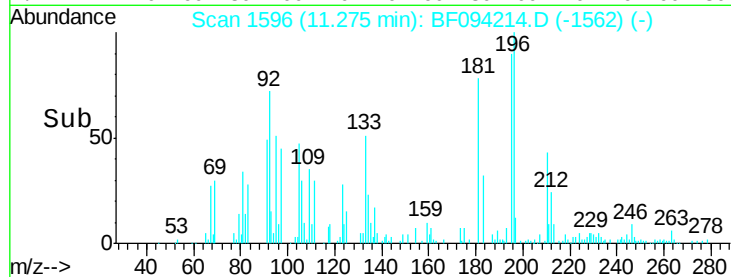
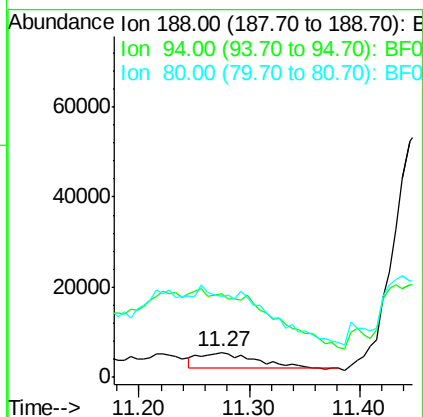
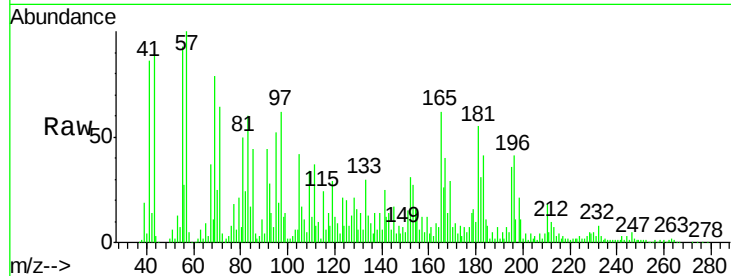




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 1596
Delta R.T. -0.10 min
Lab File: BF094214.D
Acq: 6 Apr 2017 3:40

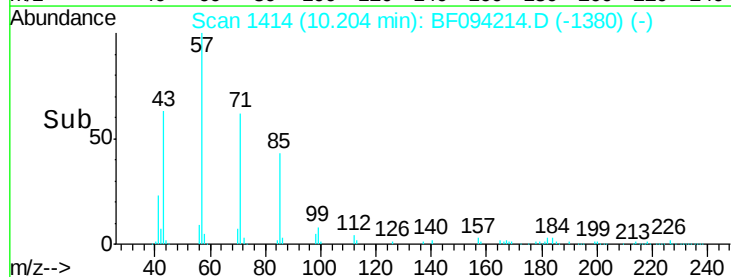
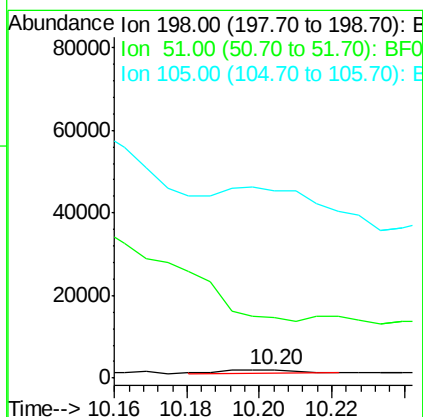
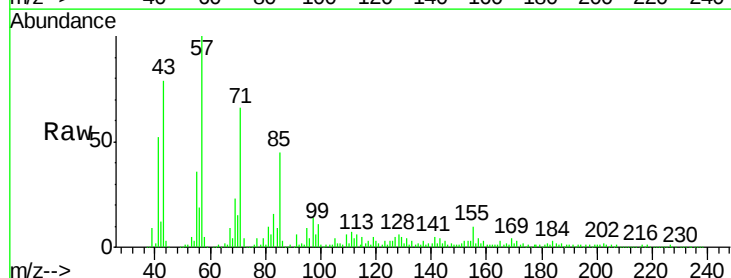
Instrument :
BNA_F
ClientSampleId :
UST-1B

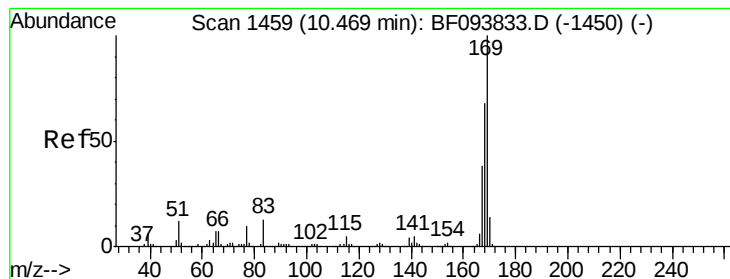
Tot Ion:188 Resp: 13043
Ion Ratio Lower Upper
188 100
94 331.1 9.4 14.2#
80 321.1 10.2 15.2#



#64
4,6-Dinitro-2-methylphenol
Concen: 13.90 ng
RT: 10.20 min Scan# 1414
Delta R.T. -0.10 min
Lab File: BF094214.D
Acq: 6 Apr 2017 3:40

Tgt Ion:198 Resp: 1110
Ion Ratio Lower Upper
198 100
51 723.0 53.2 93.2#
105 2259.5 45.8 85.8#





#65

n-Nitrosodiphenylamine

Concen: 504.11 ng

RT: 10.33 min Scan# 1435

Delta R.T. -0.05 min

Lab File: BF094214.D

Acq: 6 Apr 2017 3:40

Instrument :

BNA_F

ClientSampled :

UST-1B

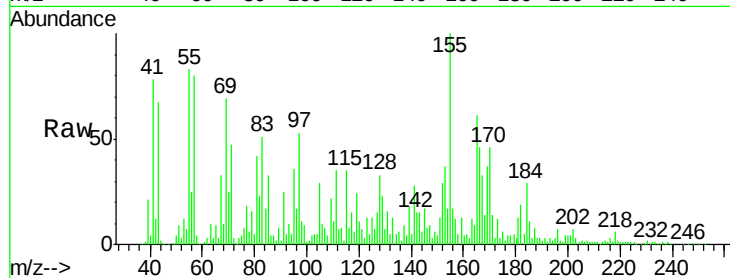
Tot Ion:169 Resp: 227385

Ion Ratio Lower Upper

169 100

168 37.0 53.2 79.8#

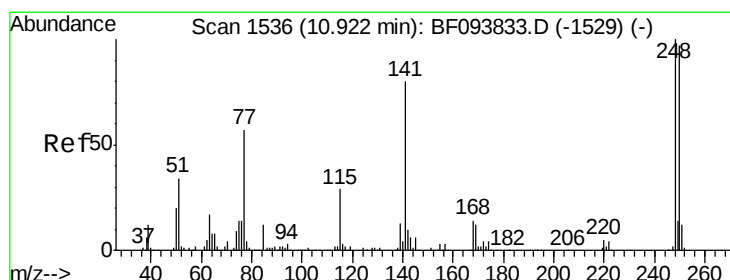
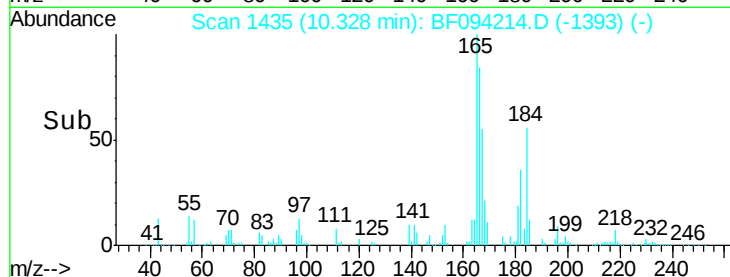
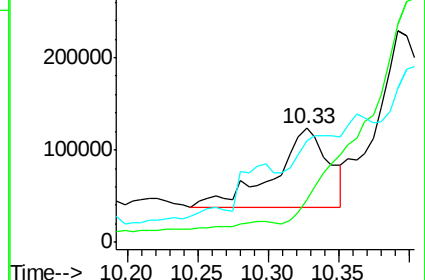
167 89.5 29.5 44.3#



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



#66

4-Bromophenyl-phenylether

Concen: 11.66 ng

RT: 10.69 min Scan# 1497

Delta R.T. -0.14 min

Lab File: BF094214.D

Acq: 6 Apr 2017 3:40

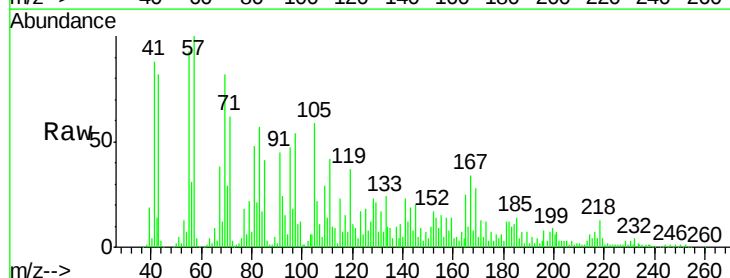
Tgt Ion:248 Resp: 1496

Ion Ratio Lower Upper

248 100

250 113.3 76.8 115.2

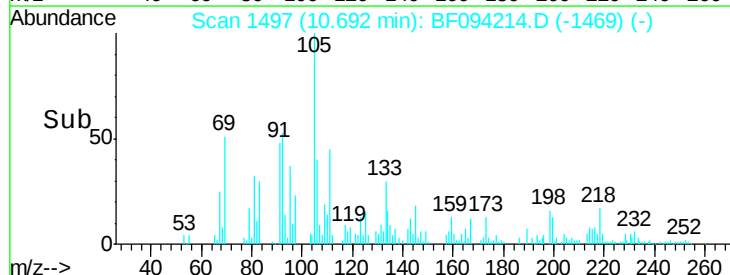
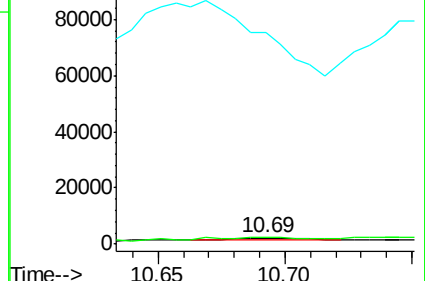
141 3809.1 68.6 103.0#

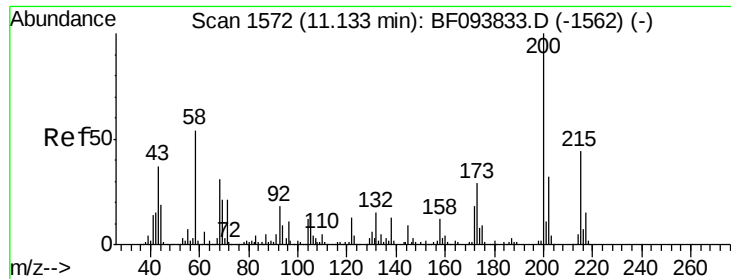


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

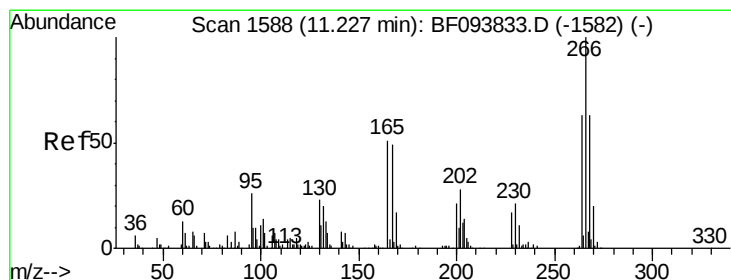
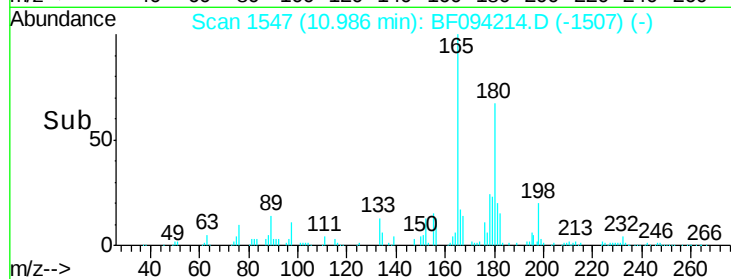
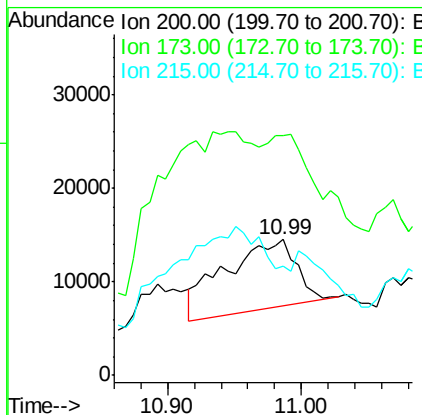
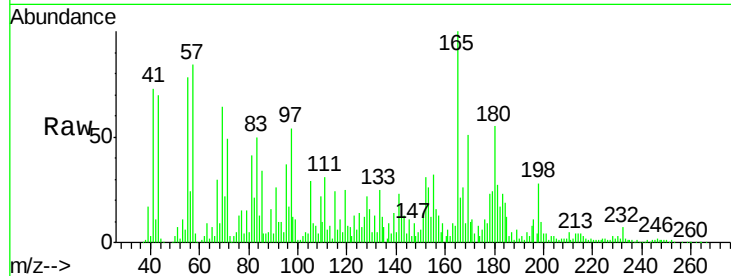




#68
Atrazine
Concen: 206.83 ng
RT: 10.99 min Scan# 1547
Delta R.T. -0.06 min
Lab File: BF094214.D
Acq: 6 Apr 2017 3:40

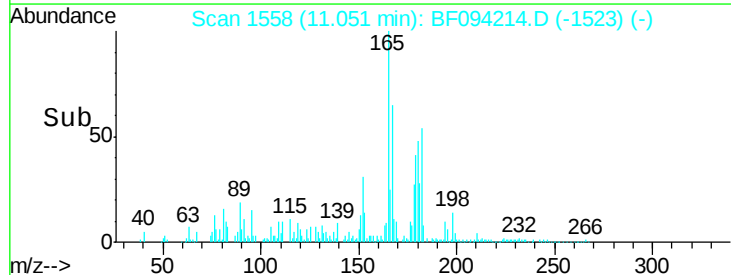
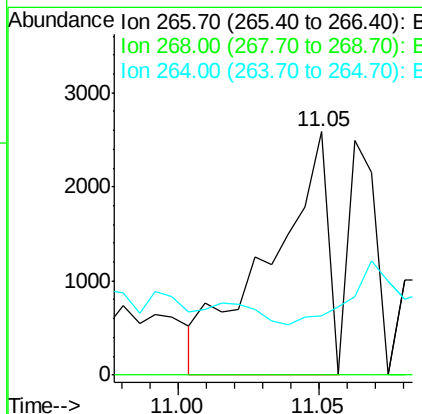
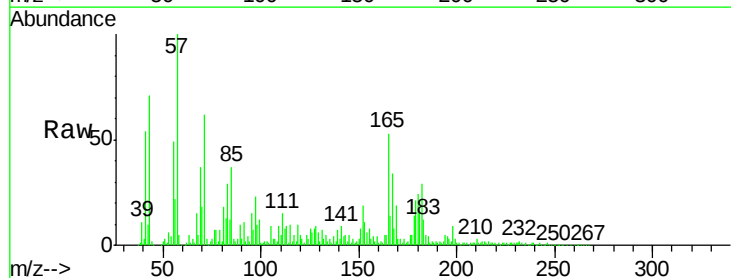
Instrument :
BNA_F
ClientSampleId :
UST-1B

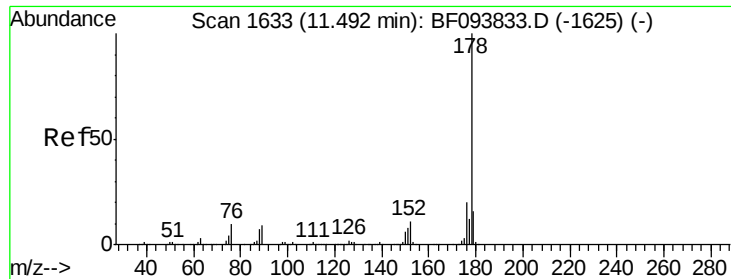
Tot Ion:200 Resp: 27943
Ion Ratio Lower Upper
200 100
173 177.4 6.3 46.3#
215 80.3 27.2 67.2#



#69
Pentachlorophenol
Concen: 45.57 ng
RT: 11.05 min Scan# 1558
Delta R.T. -0.09 min
Lab File: BF094214.D
Acq: 6 Apr 2017 3:40

Tgt Ion:266 Resp: 3683
Ion Ratio Lower Upper
266 100
268 0.0 51.1 76.7#
264 24.1 51.7 77.5#





#70

Phenanthrene

Concen: 80.96 ng

RT: 11.27 min Scan# 1596

Delta R.T. -0.13 min

Lab File: BF094214.D

Acq: 6 Apr 2017 3:40

Instrument :

BNA_F

ClientSampled :

UST-1B

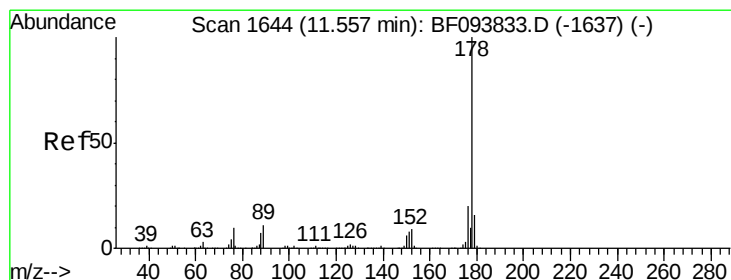
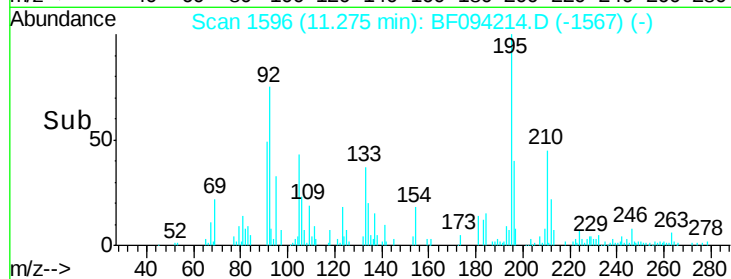
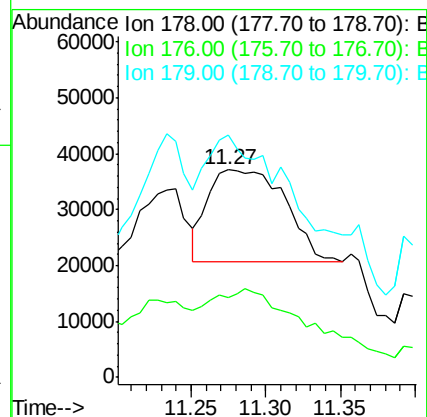
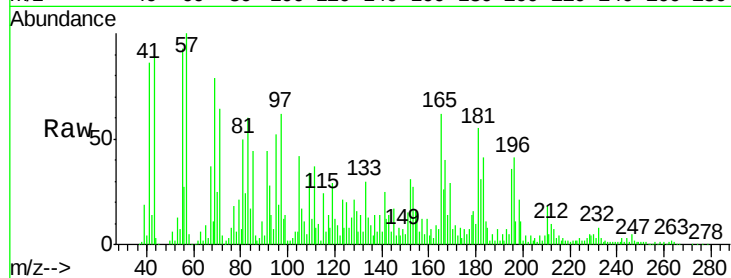
Tot Ion:178 Resp: 58741

Ion Ratio Lower Upper

178 100

176 38.2 16.2 24.4#

179 117.0 12.6 19.0#



#71

Anthracene

Concen: 78.63 ng

RT: 11.27 min Scan# 1596

Delta R.T. -0.19 min

Lab File: BF094214.D

Acq: 6 Apr 2017 3:40

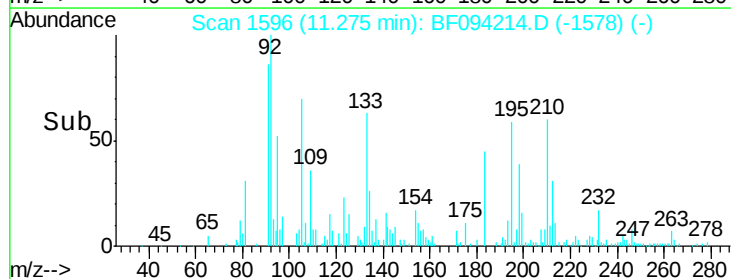
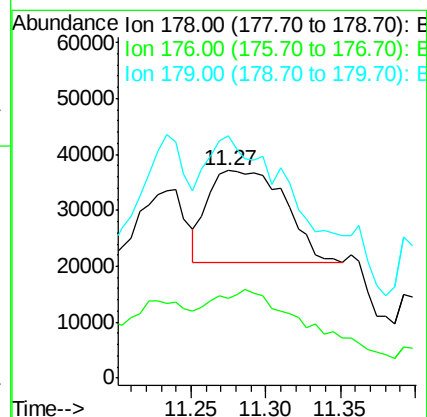
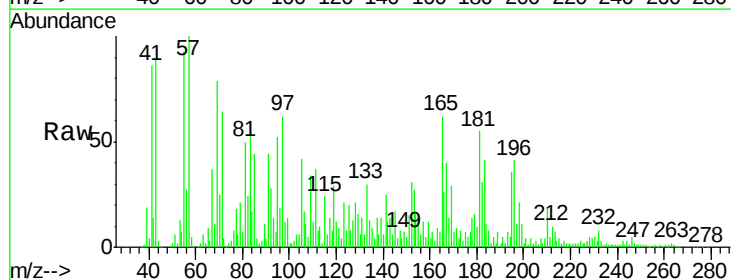
Tgt Ion:178 Resp: 58741

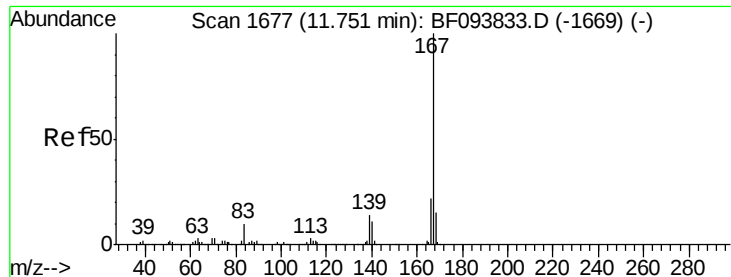
Ion Ratio Lower Upper

178 100

176 38.2 15.8 23.8#

179 117.0 12.7 19.1#





#72

Carbazole

Concen: 206.05 ng

RT: 11.53 min Scan# 1640

Delta R.T. -0.14 min

Lab File: BF094214.D

Acq: 6 Apr 2017 3:40

Instrument :

BNA_F

ClientSampleId :

UST-1B

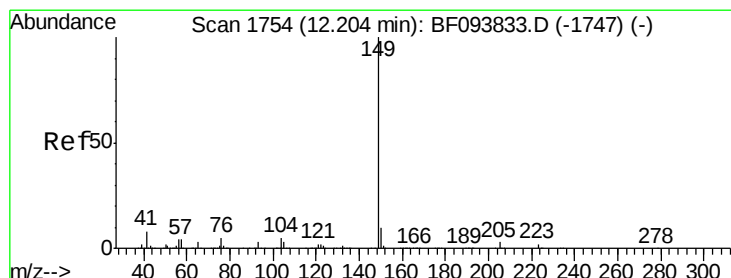
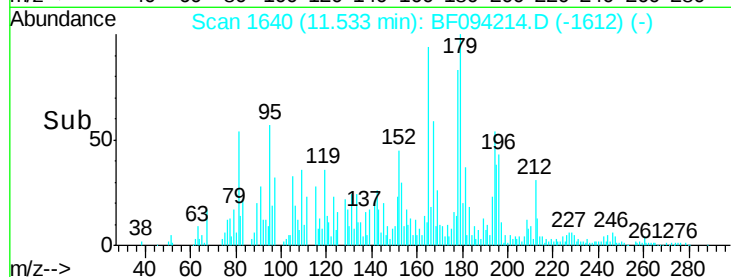
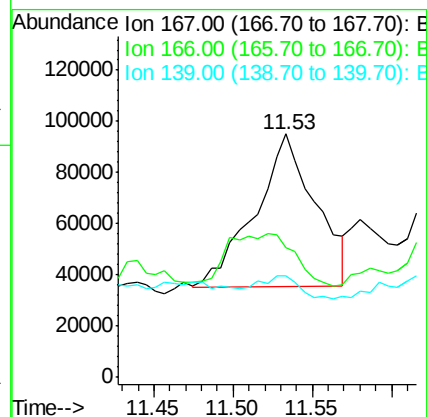
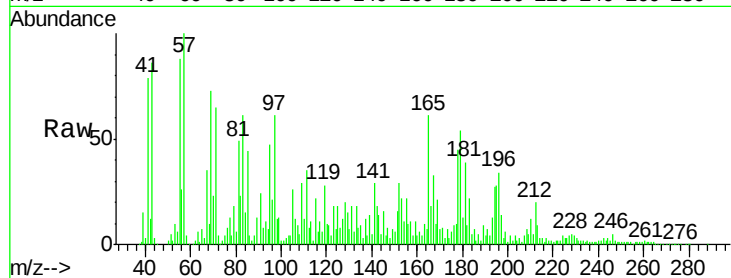
Tot Ion:167 Resp: 157845

Ion Ratio Lower Upper

167 100

166 53.3 18.1 27.1#

139 41.8 11.7 17.5#



#73

Di-n-butylphthalate

Concen: 21.44 ng

RT: 12.02 min Scan# 1722

Delta R.T. -0.10 min

Lab File: BF094214.D

Acq: 6 Apr 2017 3:40

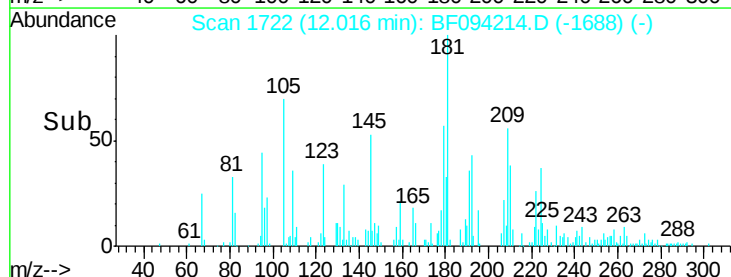
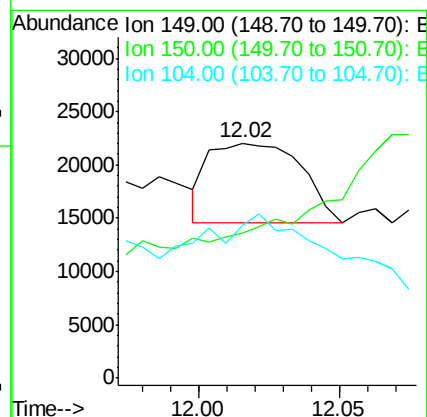
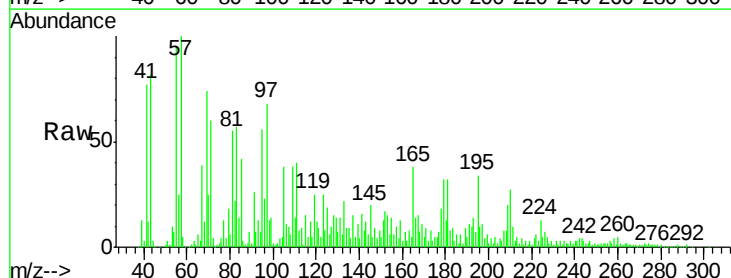
Tgt Ion:149 Resp: 17079

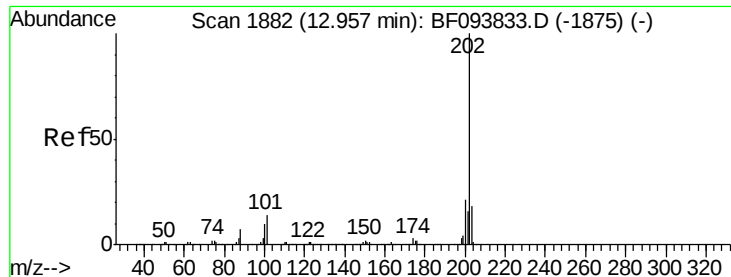
Ion Ratio Lower Upper

149 100

150 61.7 7.7 11.5#

104 65.2 4.0 6.0#





#74

Fluoranthene

Concen: 109.89 ng

RT: 12.76 min Scan# 1849

Delta R.T. -0.11 min

Lab File: BF094214.D

Acq: 6 Apr 2017 3:40

Instrument :

BNA_F

ClientSampleId :

UST-1B

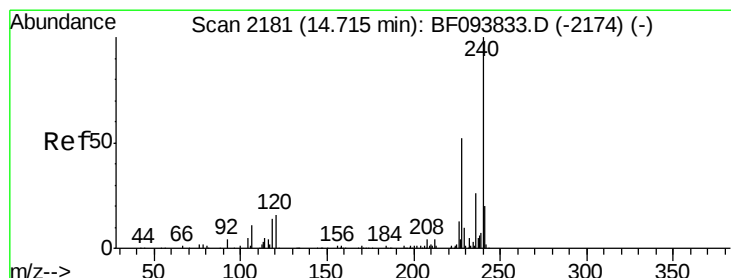
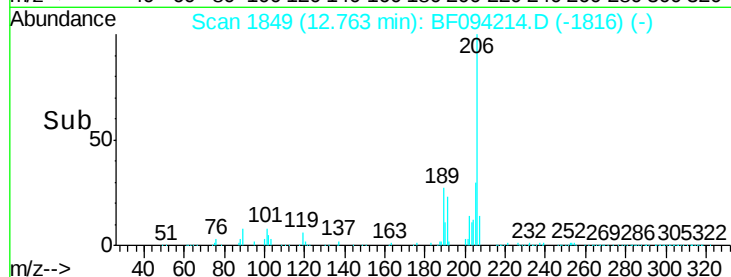
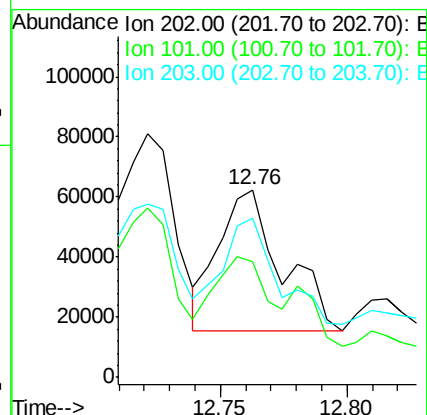
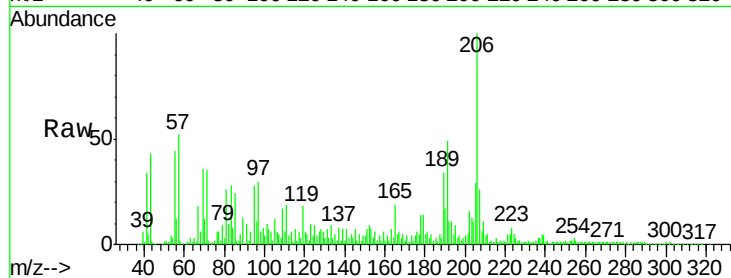
Tot Ion:202 Resp: 81642

Ion Ratio Lower Upper

202 100

101 61.4 0.0 33.2#

203 84.6 0.0 38.1#



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.60 min Scan# 2161

Delta R.T. -0.03 min

Lab File: BF094214.D

Acq: 6 Apr 2017 3:40

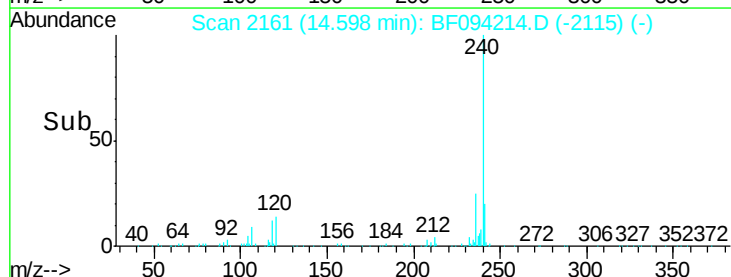
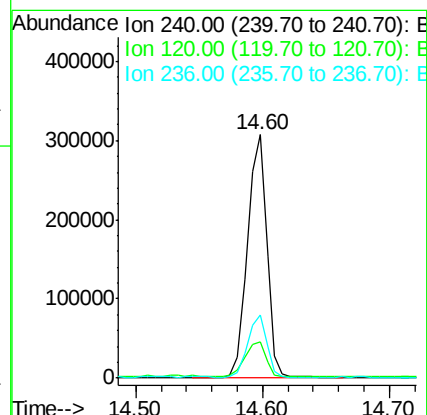
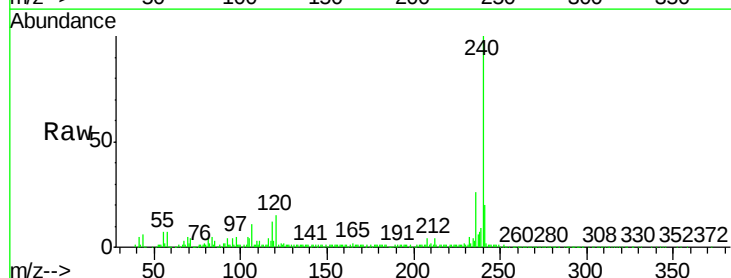
Tgt Ion:240 Resp: 321466

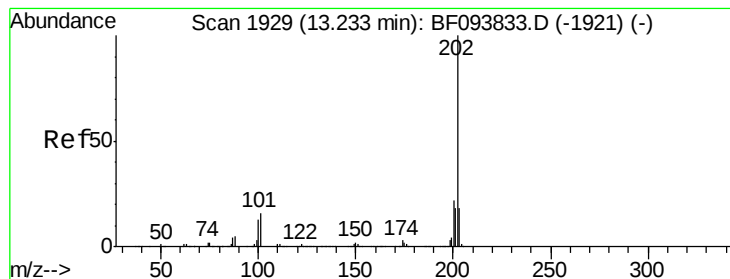
Ion Ratio Lower Upper

240 100

120 14.9 5.8 8.8#

236 26.2 20.5 30.7





#77

Pvrene

Concen: 10.89 ng

RT: 13.16 min Scan# 1916

Delta R.T. 0.01 min

Lab File: BF094214.D

Acq: 6 Apr 2017 3:40

Instrument :

BNA_F

ClientSampleId :

UST-1B

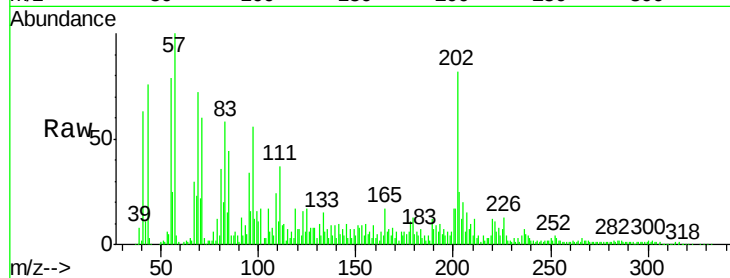
Tot Ion:202 Resp: 254154

Ion Ratio Lower Upper

202 100

200 21.1 17.6 26.4

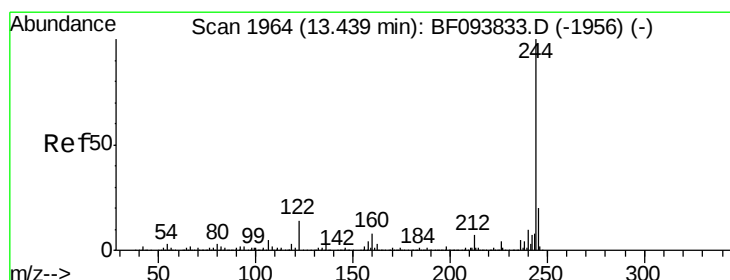
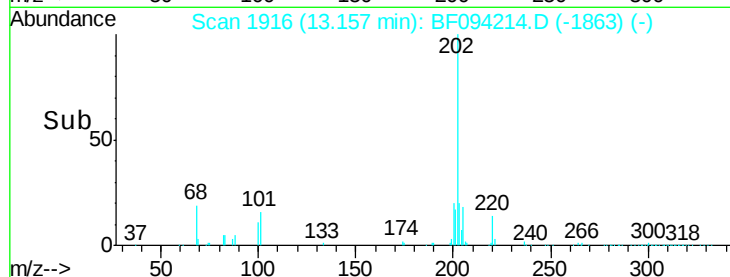
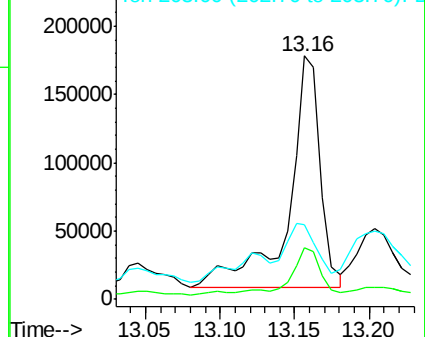
203 30.8 14.4 21.6#



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: 52.72 ng

RT: 13.35 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BF094214.D

Acq: 6 Apr 2017 3:40

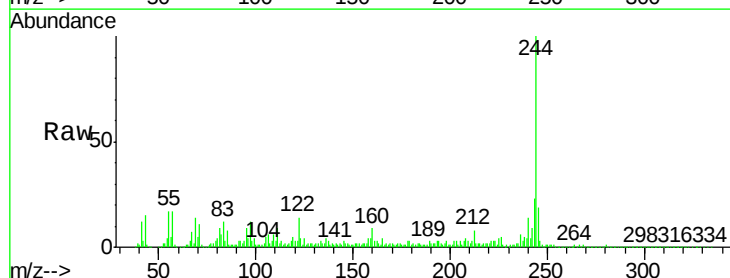
Tgt Ion:244 Resp: 756113

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

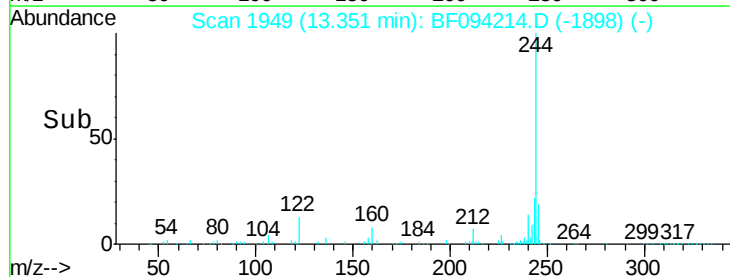
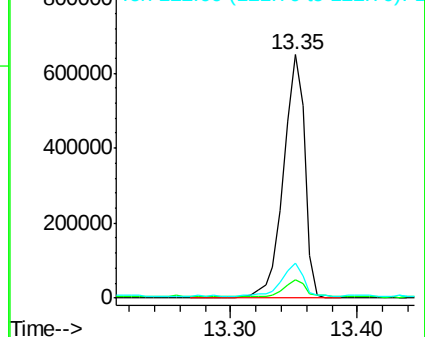
122 14.2 10.3 15.5

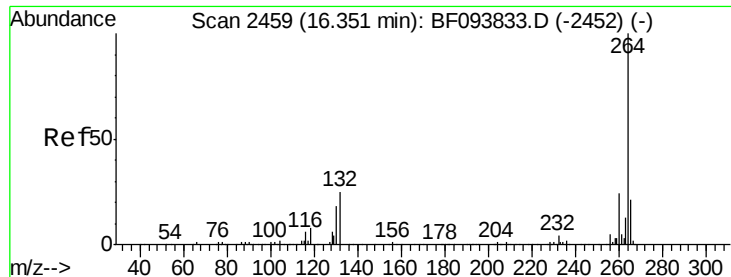


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

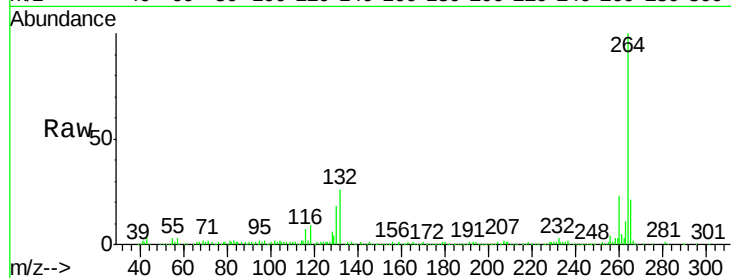




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.21 min Scan# 2435
Delta R.T. -0.04 min
Lab File: BF094214.D
Acq: 6 Apr 2017 3:40

Instrument :
BNA_F
ClientSampleId :
UST-1B

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.5	29.3
265	21.2	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

