

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102616\
 Data File : BF090860.D
 Acq On : 27 Oct 2016 00:26
 Operator : UM/SJ
 Sample : PB94264BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94264BS

Quant Time: Oct 27 02:32:56 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 16:35:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	68402	20.00	ng	0.15
21) Naphthalene-d8	8.08	136	614867	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	345365	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	602575	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	514208	20.00	ng	-0.01
86) Perylene-d12	15.36	264	343166	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	128430	32.83	ng	-0.01
7) Phenol-d6	6.57	99	7448	1.41	ng	0.13
23) Nitrobenzene-d5	7.34	82	120493	12.83	ng	-0.02
41) 2,4,6-Tribromophenol	10.61	330	45610	12.85	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	242692	12.34	ng	-0.02
78) Terphenyl-d14	12.90	244	243408	11.93	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.35	88	22998	11.50	ng	# 76
3) Pyridine	3.12	79	42486	7.83	ng	# 69
4) n-Nitrosodimethylamine	3.05	42	11232	7.35	ng	# 80
6) Aniline	6.52	93	60499	10.03	ng	# 62
8) 2-Chlorophenol	6.57	128	56357	11.68	ng	# 98
9) Benzaldehyde	6.43	77	9391	3.44	ng	# 64
10) Phenol	6.43	94	70497	12.12	ng	# 78
11) bis(2-Chloroethyl)ether	6.52	93	60618	12.60	ng	# 83
12) 1,3-Dichlorobenzene	6.96	146	63068	12.78	ng	# 94
13) 1,4-Dichlorobenzene	6.96	146	63068	12.15	ng	# 92
14) 1,2-Dichlorobenzene	6.96	146	63068	12.67	ng	# 94
15) Benzyl Alcohol	7.05	79	30111	8.69	ng	# 1
16) 2,2'-oxybis(1-Chloropropan	7.07	45	70871	14.80	ng	# 65
17) 2-Methylphenol	7.21	107	46991	12.80	ng	# 61
18) Hexachloroethane	7.30	117	24460	12.95	ng	# 85
19) n-Nitroso-di-n-propylamine	7.34	70	17418	5.71	ng	# 55
22) Acetophenone	7.20	105	75426	5.96	ng	# 80
24) Nitrobenzene	7.37	77	56572	5.69	ng	# 66
25) Isophorone	7.61	82	123166	6.46	ng	# 88
26) 2-Nitrophenol	7.69	139	24274	4.56	ng	# 51
27) 2,4-Dimethylphenol	7.73	122	45726	5.31	ng	# 83
28) bis(2-Chloroethoxy)methane	7.82	93	62680	5.78	ng	# 93
29) 2,4-Dichlorophenol	7.94	162	39007	4.89	ng	# 96
30) 1,2,4-Trichlorobenzene	8.02	180	48970	5.31	ng	# 97
31) Naphthalene	8.10	128	166443	5.79	ng	# 99
32) Benzoic acid	7.81	122	13853	2.21	ng	# 85
33) 4-Chloroaniline	8.16	127	30353	2.61	ng	# 91
34) Hexachlorobutadiene	8.21	225	26406	4.87	ng	# 97
35) Caprolactam	8.48	113	11790	4.76	ng	# 80
36) 4-Chloro-3-methylphenol	8.64	107	42732	4.92	ng	# 89
37) 2-Methylnaphthalene	8.78	142	103807	5.59	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	46849	4.94	ng	# 99
40) Hexachlorocyclopentadiene	8.94	237	39519	9.07	ng	# 99
42) 2,4,6-Trichlorophenol	9.07	196	25892	4.23	ng	# 98

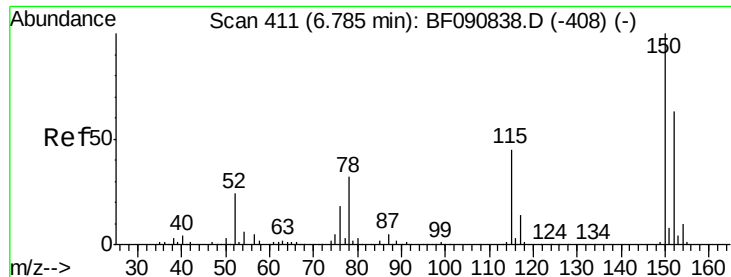
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102616\
 Data File : BF090860.D
 Acq On : 27 Oct 2016 00:26
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 16:35:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.12	196	31143	4.94	ng	# 93
45) 1,1'-Biphenyl	9.25	154	134583	5.41	ng	96
46) 2-Chloronaphthalene	9.28	162	104816	5.54	ng	95
47) 2-Nitroaniline	9.38	65	27850	5.22	ng	# 77
48) Acenaphthylene	9.69	152	170322	5.94	ng	98
49) Dimethylphthalate	9.55	163	129213	5.60	ng	# 97
50) 2,6-Dinitrotoluene	9.61	165	22812	4.48	ng	# 21
51) Acenaphthene	9.86	154	116052	5.88	ng	90
52) 3-Nitroaniline	9.79	138	20934	3.86	ng	# 56
53) 2,4-Dinitrophenol	9.89	184	10891	4.06	ng	# 17
54) Dibenzofuran	10.03	168	144070	5.66	ng	# 85
55) 4-Nitrophenol	9.96	139	13021	3.94	ng	# 33
56) 2,4-Dinitrotoluene	10.02	165	30055	4.75	ng	# 79
57) Fluorene	10.37	166	123072	5.90	ng	93
58) 2,3,4,6-Tetrachlorophenol	10.16	232	26262	4.67	ng	# 94
59) Diethylphthalate	10.25	149	132876	5.80	ng	95
60) 4-Chlorophenyl-phenylether	10.37	204	51480	5.06	ng	94
61) 4-Nitroaniline	10.41	138	20852	3.88	ng	# 48
62) Azobenzene	10.52	77	144432	6.41	ng	# 79
64) 4,6-Dinitro-2-methylphenol	10.42	198	11204	2.80	ng	# 70
65) n-Nitrosodiphenylamine	10.49	169	94357	5.11	ng	91
66) 4-Bromophenyl-phenylether	10.86	248	28351	4.30	ng	92
67) Hexachlorobenzene	10.92	284	35661	4.57	ng	91
68) Atrazine	11.01	200	27941	4.89	ng	84
69) Pentachlorophenol	11.12	266	29771	7.11	ng	96
70) Phenanthrene	11.33	178	175223	5.71	ng	97
71) Anthracene	11.39	178	171234	5.30	ng	99
72) Carbazole	11.55	167	142901	5.01	ng	96
73) Di-n-butylphthalate	11.88	149	210046	5.71	ng	# 98
74) Fluoranthene	12.52	202	176987	5.27	ng	91
77) Pyrene	12.75	202	177887	5.47	ng	96
79) Butylbenzylphthalate	13.38	149	77984	5.28	ng	98
80) Benzo(a)anthracene	13.94	228	165442	6.06	ng	98
81) 3,3'-Dichlorobenzidine	13.91	252	33449	3.16	ng	# 93
82) Chrysene	13.97	228	138396	5.01	ng	97
83) Bis(2-ethylhexyl)phthalate	13.94	149	125798	6.54	ng	# 91
84) Di-n-octyl phthalate	14.55	149	176861	5.48	ng	# 93
85) Indeno(1,2,3-cd)pyrene	16.72	276	102515	4.19	ng	# 92
87) Benzo(b)fluoranthene	14.96	252	223068	9.67	ng	# 91
88) Benzo(k)fluoranthene	14.96	252	223061	12.23	ng	# 93
89) Benzo(a)pyrene	15.30	252	103877	5.24	ng	# 91
90) Dibenzo(a,h)anthracene	16.74	278	85423	5.09	ng	# 83
91) Benzo(g,h,i)perylene	17.13	276	81183	5.14	ng	# 79

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

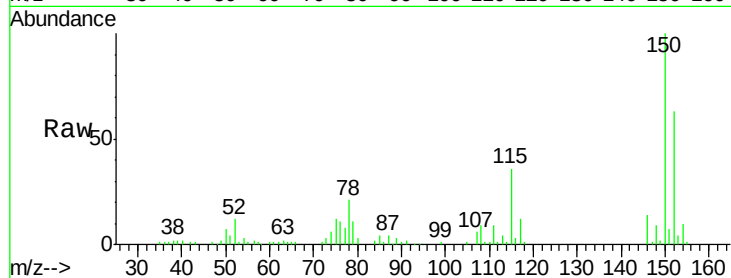


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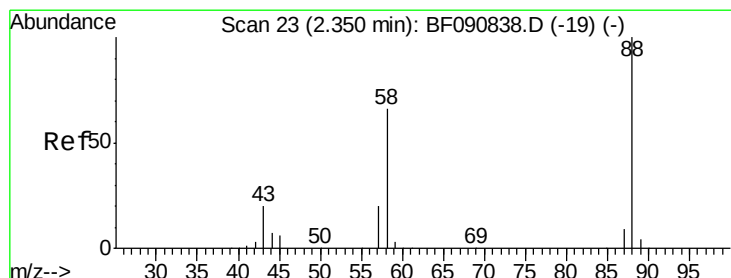
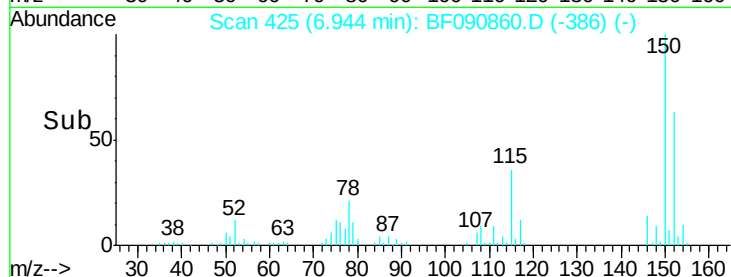
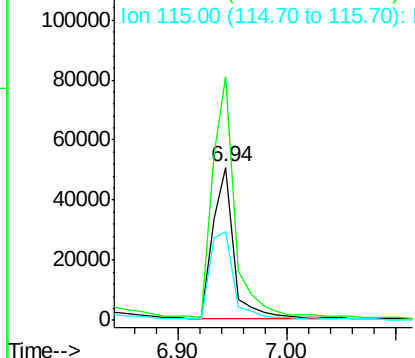
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 425
Delta R.T. 0.15 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Instrument :
BNA_F
ClientSampleId :
PB94264BS

Tgt Ion:152 Resp: 68402
Ion Ratio Lower Upper
152 100
150 159.4 124.7 187.1
115 57.7 39.0 58.4



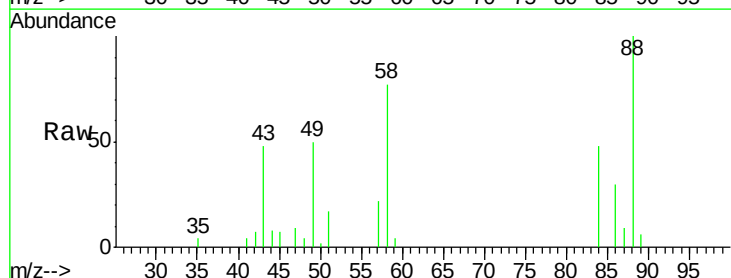
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



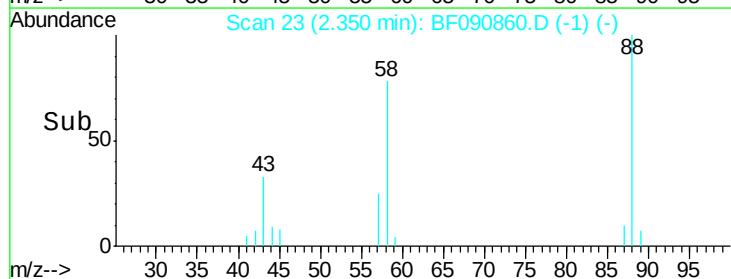
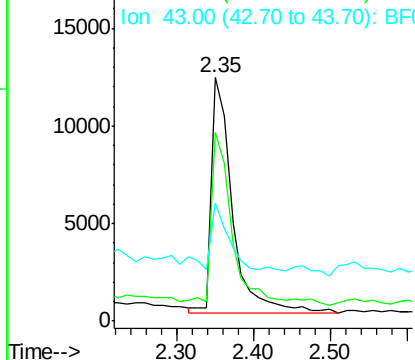
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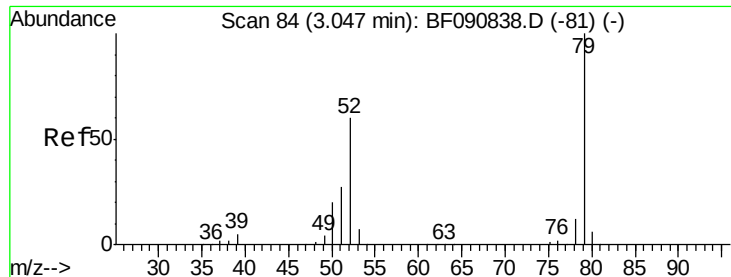
1,4-Dioxane
Concen: 11.50 ng
RT: 2.35 min Scan# 23
Delta R.T. -0.00 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Tgt Ion: 88 Resp: 22998
Ion Ratio Lower Upper
88 100
58 73.2 77.7 116.5#
43 20.8 26.6 40.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0

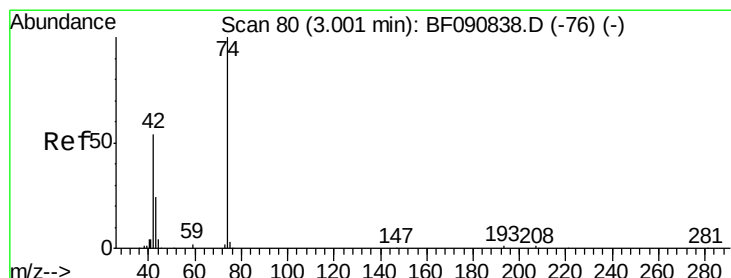
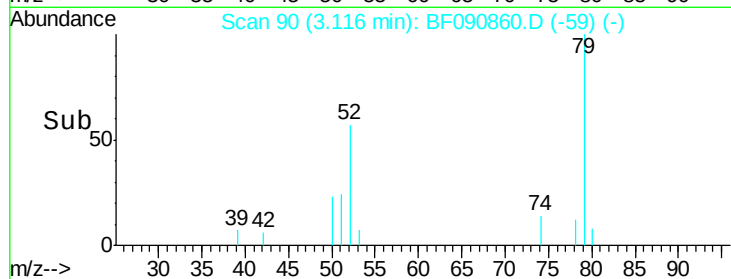
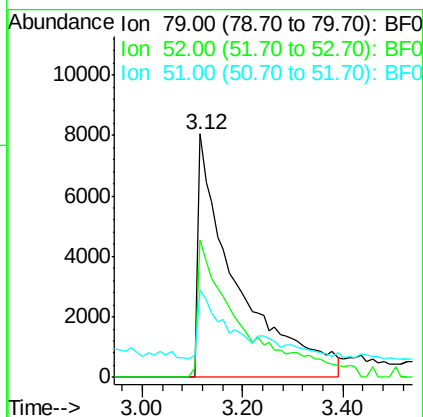
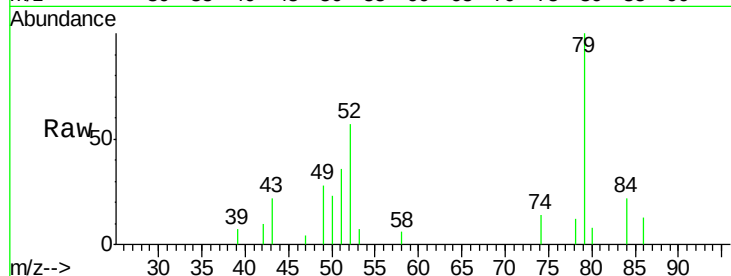




#3
 Pyridine
 Concen: 7.83 ng
 RT: 3.12 min Scan# 90
 Delta R.T. 0.06 min
 Lab File: BF090860.D
 Acq: 27 Oct 2016 00:26

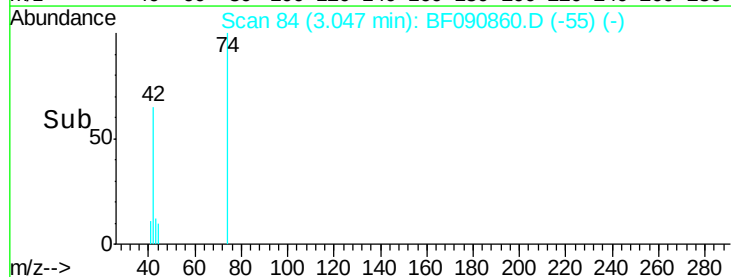
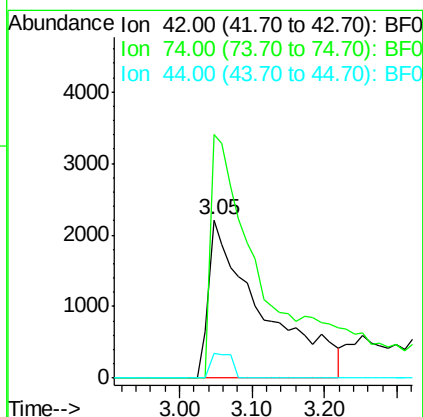
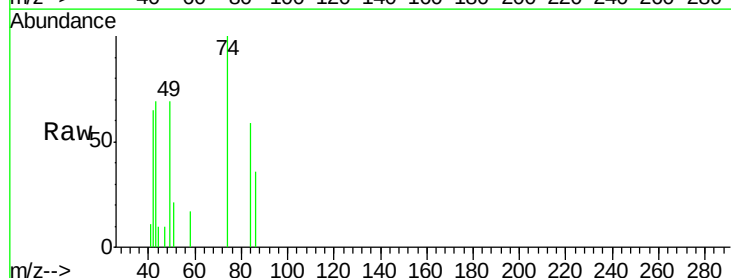
Instrument :
 BNA_F
 ClientSampleId :
 PB94264BS

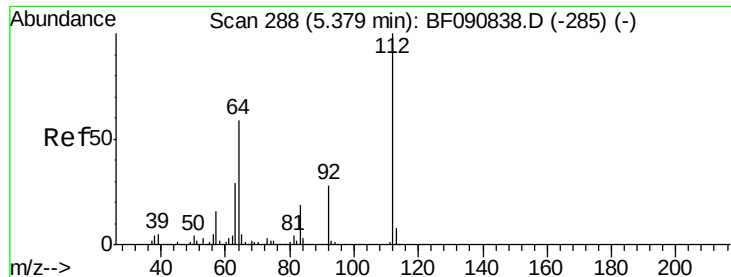
Tgt Ion: 79 Resp: 42486
 Ion Ratio Lower Upper
 79 100
 52 56.6 76.8 115.2#
 51 35.7 32.2 48.4



#4
 n-Nitrosodimethylamine
 Concen: 7.35 ng
 RT: 3.05 min Scan# 84
 Delta R.T. 0.03 min
 Lab File: BF090860.D
 Acq: 27 Oct 2016 00:26

Tgt Ion: 42 Resp: 11232
 Ion Ratio Lower Upper
 42 100
 74 154.2 105.0 157.6
 44 15.4 6.6 10.0#





#5

2-Fluorophenol

Concen: 32.83 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.01 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

Instrument :

BNA_F

ClientSampleId :

PB94264BS

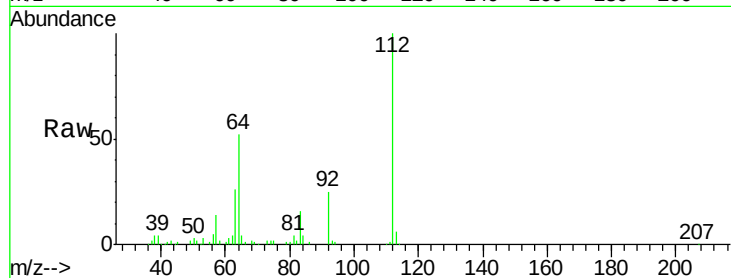
Tgt Ion: 112 Resp: 128430

Ion Ratio Lower Upper

112 100

64 51.6 39.7 59.5

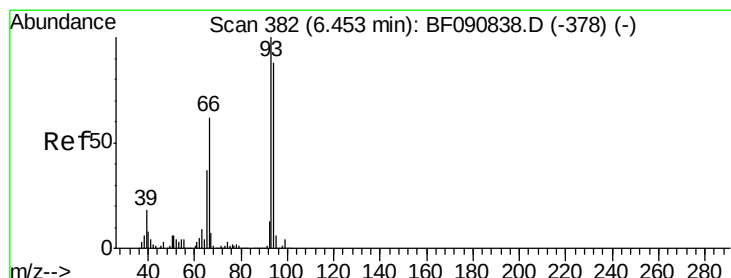
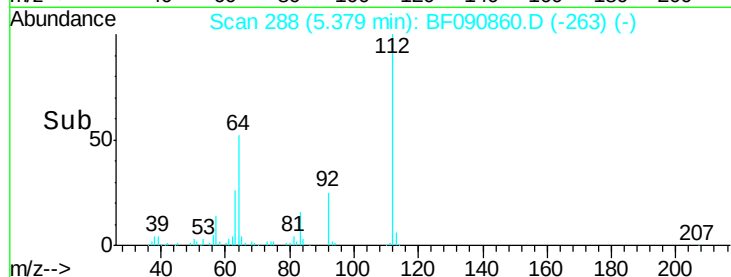
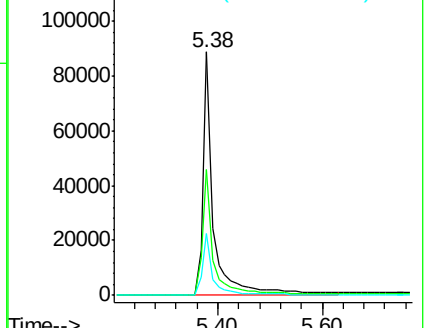
63 25.6 17.4 26.0



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



#6

Aniline

Concen: 10.03 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.06 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

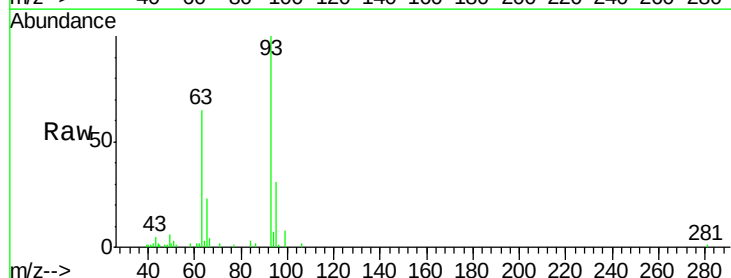
Tgt Ion: 93 Resp: 60499

Ion Ratio Lower Upper

93 100

66 4.2 27.2 40.8#

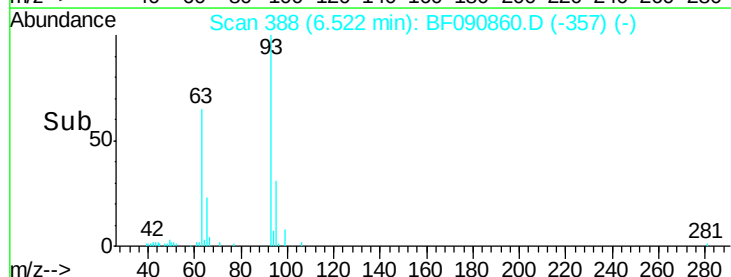
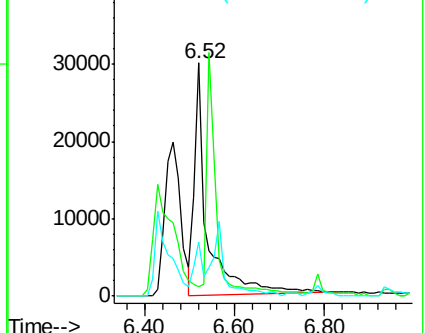
65 23.4 14.7 22.1#

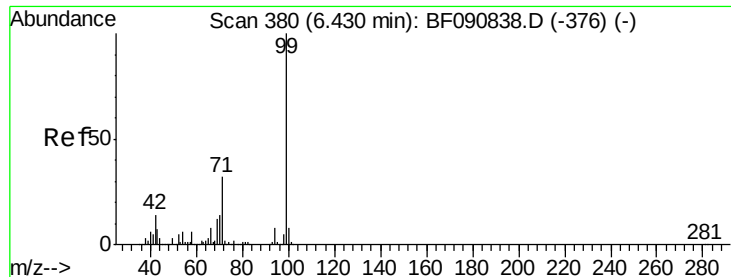


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 1.41 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.13 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

Instrument :

BNA_F

ClientSampleId :

PB94264BS

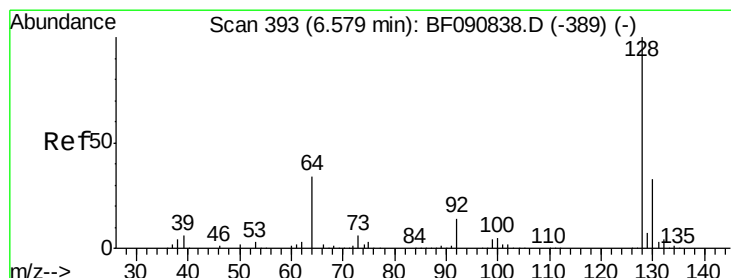
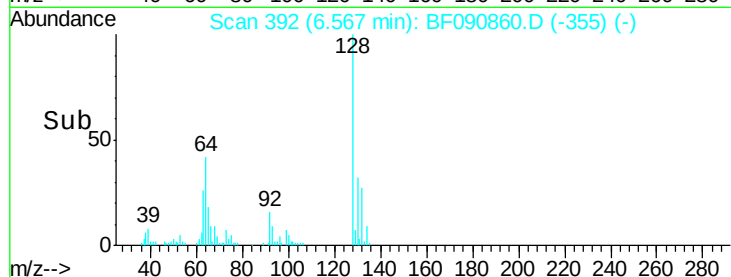
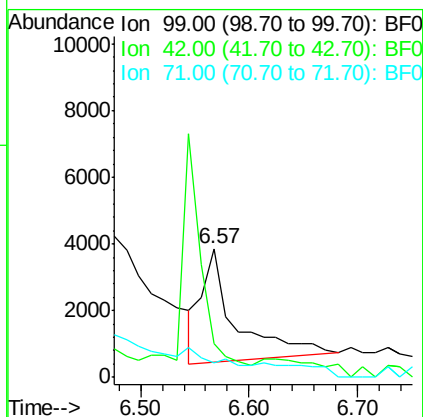
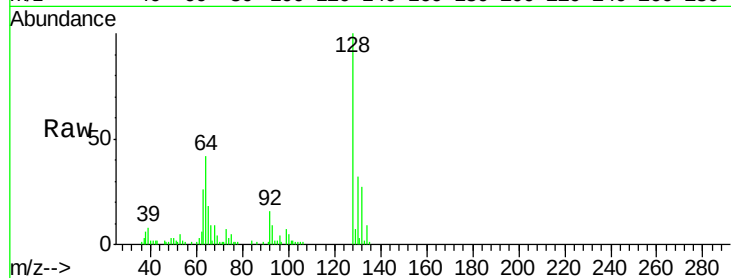
Tgt Ion: 99 Resp: 7448

Ion Ratio Lower Upper

99 100

42 25.8 13.7 20.5#

71 11.6 14.2 21.2#



#8

2-Chlorophenol

Concen: 11.68 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.02 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

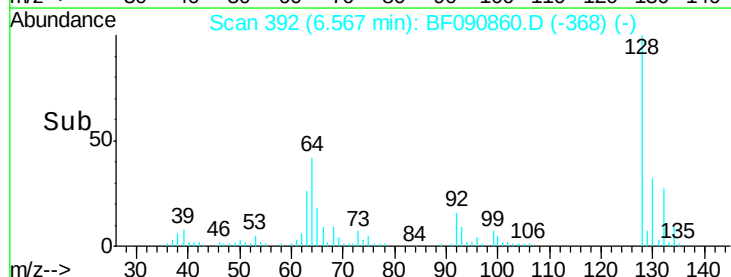
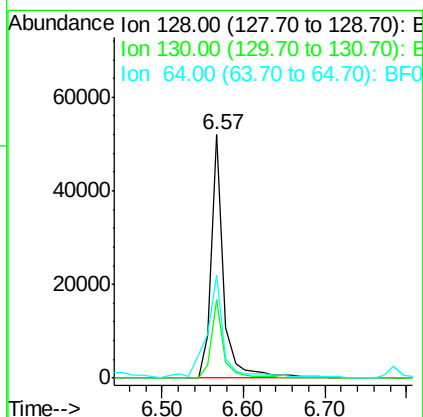
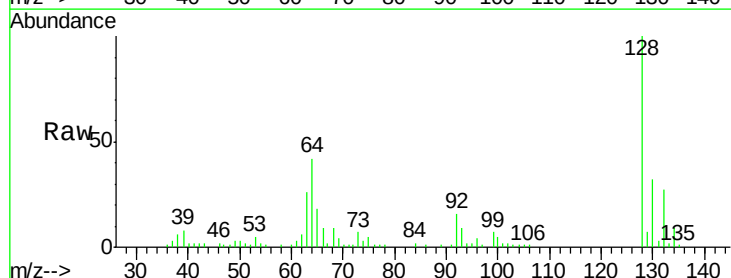
Tgt Ion: 128 Resp: 56357

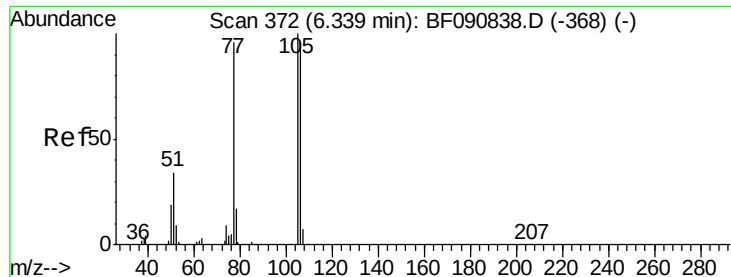
Ion Ratio Lower Upper

128 100

130 32.1 12.2 52.2

64 42.1 20.5 60.5





#9

Benzaldehyde

Concen: 3.44 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.09 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

Instrument :

BNA_F

ClientSampleId :

PB94264BS

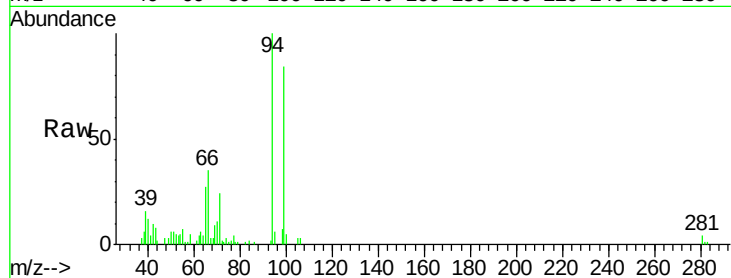
Tgt Ion: 77 Resp: 9391

Ion Ratio Lower Upper

77 100

105 80.0 91.6 131.6#

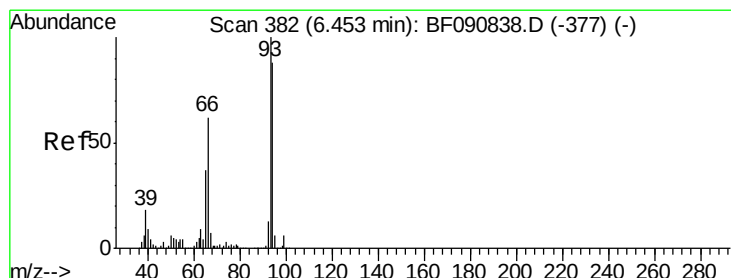
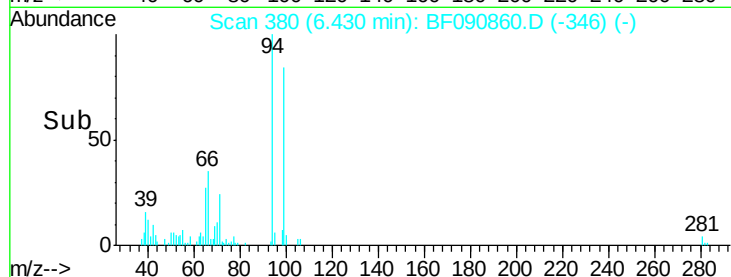
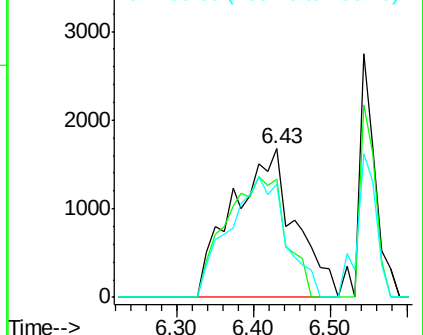
106 76.4 102.6 142.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 12.12 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.02 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

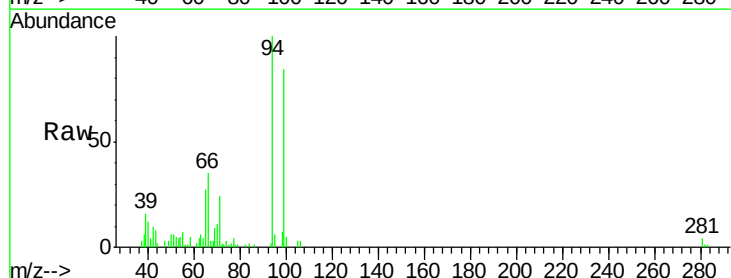
Tgt Ion: 94 Resp: 70497

Ion Ratio Lower Upper

94 100

65 26.6 0.7 40.7

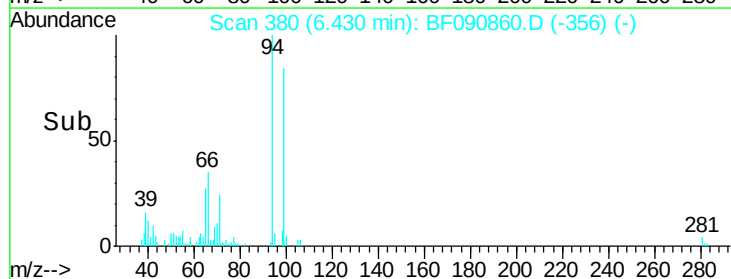
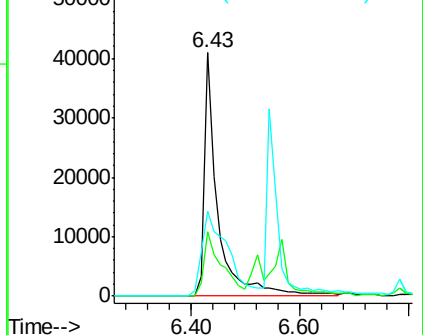
66 35.1 0.8 40.8

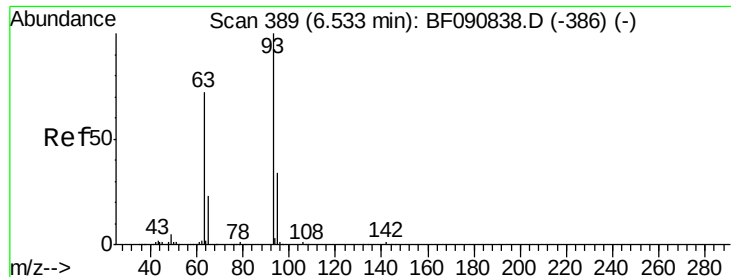


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 12.60 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

Instrument :

BNA_F

ClientSampleId :

PB94264BS

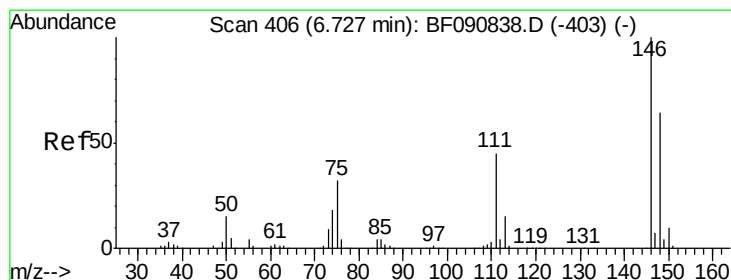
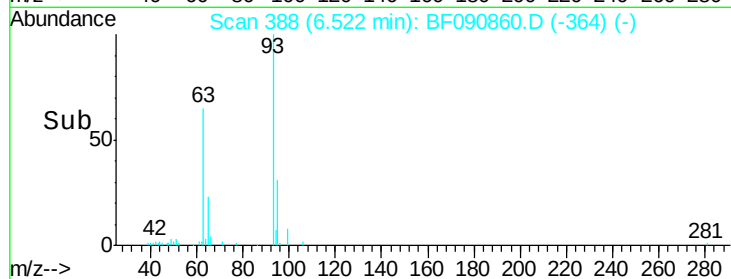
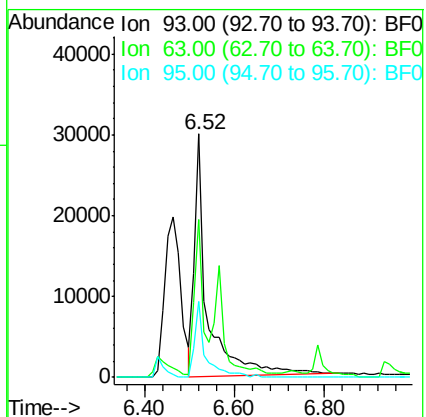
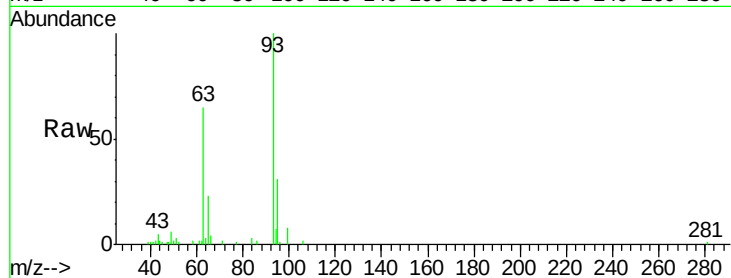
Tgt Ion: 93 Resp: 60618

Ion Ratio Lower Upper

93 100

63 64.9 65.6 105.6#

95 31.4 13.6 53.6



#12

1,3-Dichlorobenzene

Concen: 12.78 ng

RT: 6.96 min Scan# 426

Delta R.T. 0.22 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

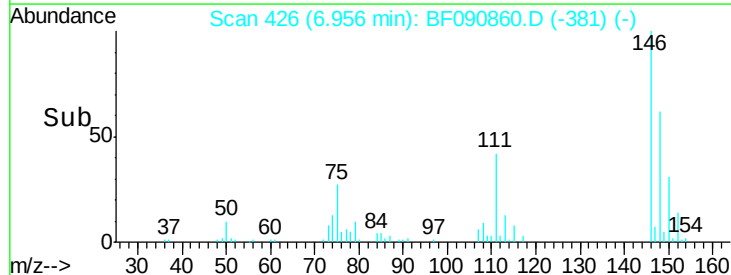
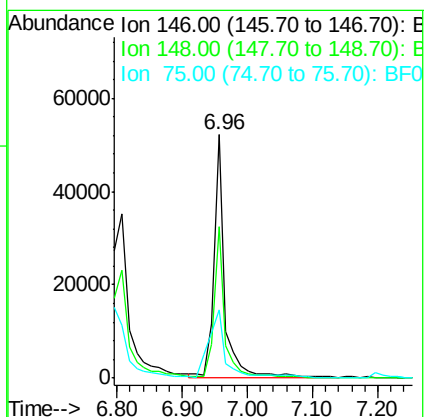
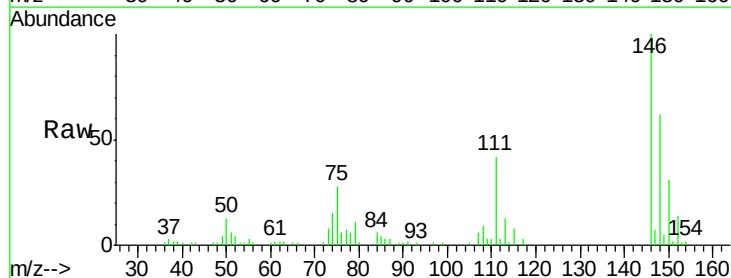
Tgt Ion: 146 Resp: 63068

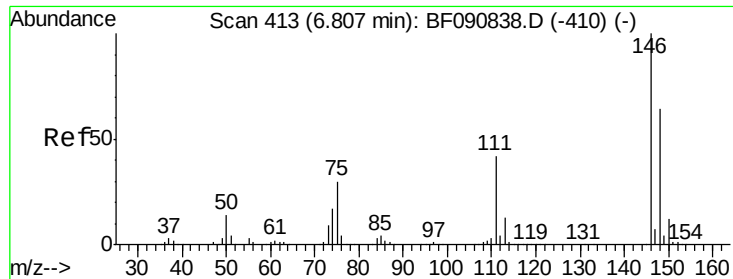
Ion Ratio Lower Upper

146 100

148 62.3 51.0 76.4

75 27.8 15.0 22.6#

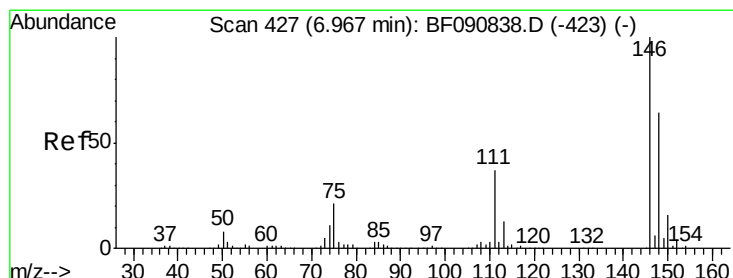
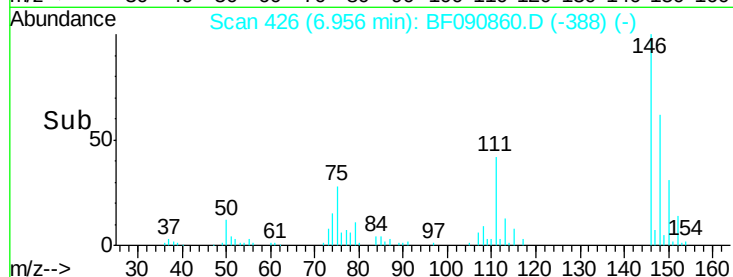
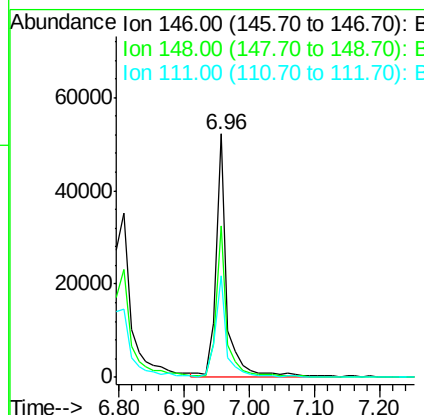
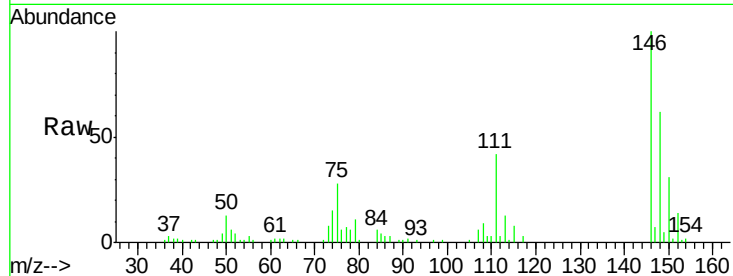




#13
 1,4-Dichlorobenzene
 Concen: 12.15 ng
 RT: 6.96 min Scan# 426
 Delta R.T. 0.14 min
 Lab File: BF090860.D
 Acq: 27 Oct 2016 00:26

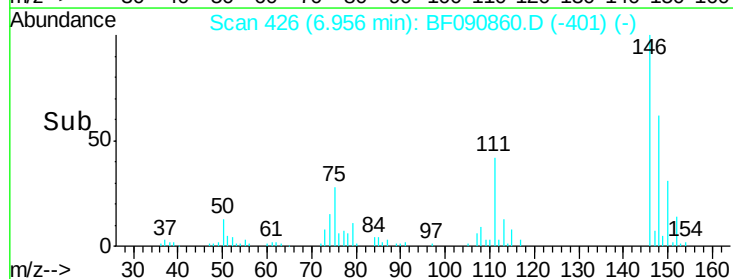
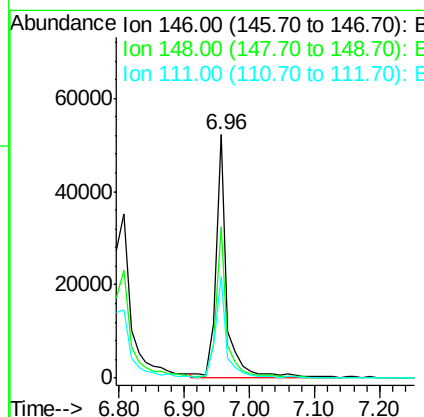
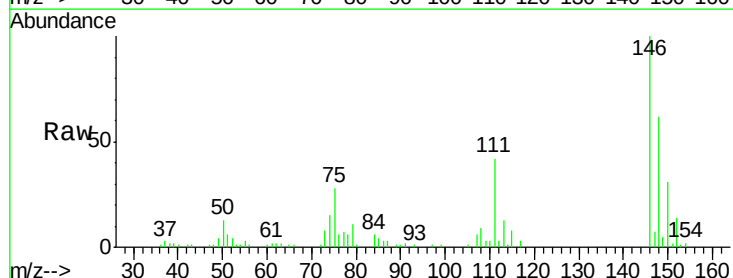
Instrument :
 BNA_F
 ClientSampleId :
 PB94264BS

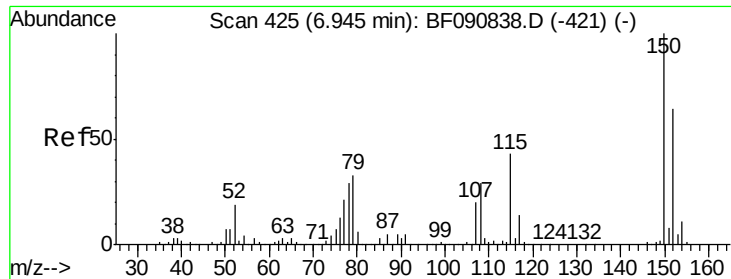
Tgt Ion:146 Resp: 63068
 Ion Ratio Lower Upper
 146 100
 148 62.3 51.8 77.6
 111 41.5 24.9 37.3#



#14
 1,2-Dichlorobenzene
 Concen: 12.67 ng
 RT: 6.96 min Scan# 426
 Delta R.T. -0.01 min
 Lab File: BF090860.D
 Acq: 27 Oct 2016 00:26

Tgt Ion:146 Resp: 63068
 Ion Ratio Lower Upper
 146 100
 148 62.3 52.7 79.1
 111 41.5 28.8 43.2

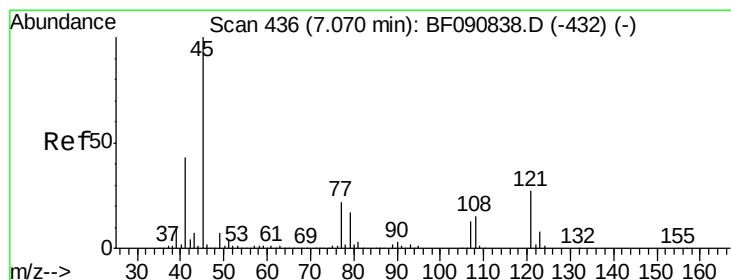
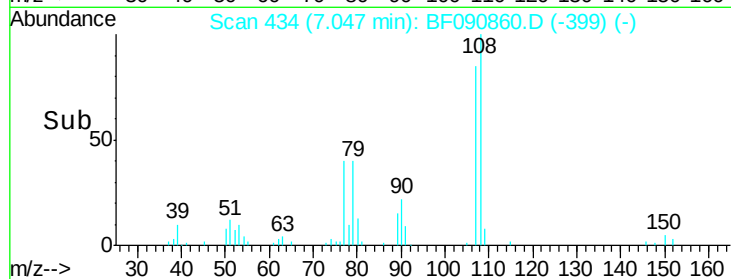
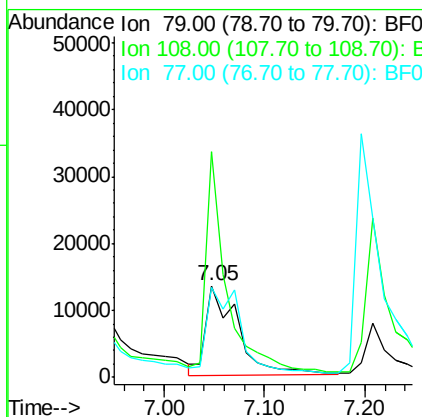
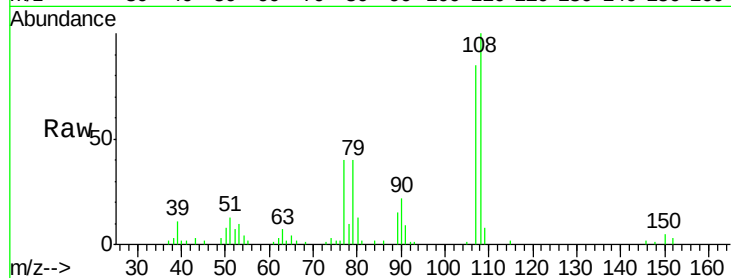




#15
Benzyl Alcohol
Concen: 8.69 ng
RT: 7.05 min Scan# 434
Delta R.T. 0.10 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

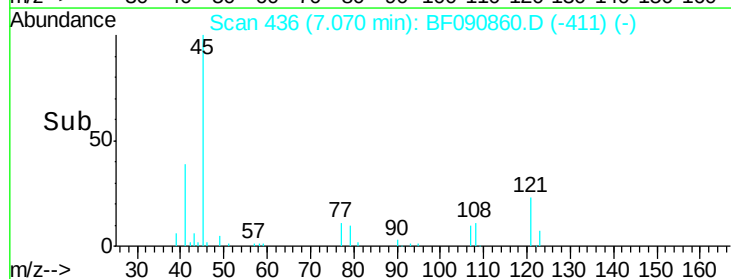
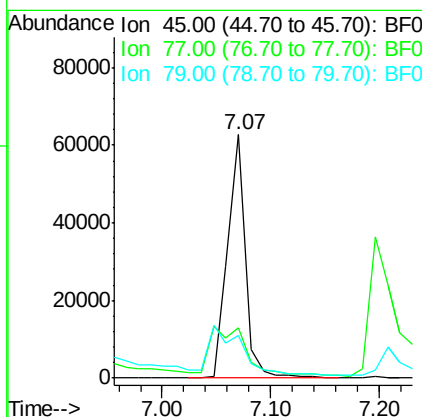
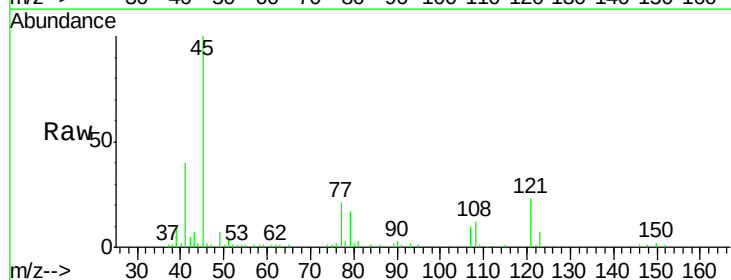
Instrument :
BNA_F
ClientSampled :
PB94264BS

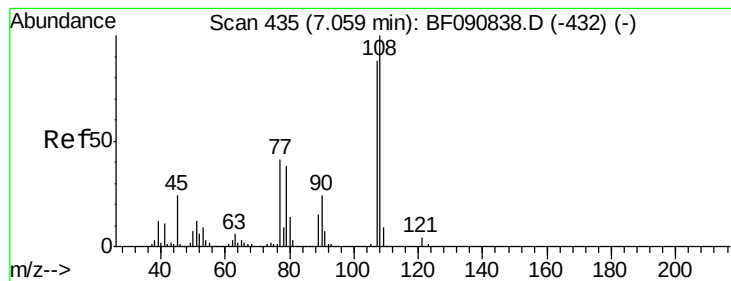
Tgt Ion: 79 Resp: 30111
Ion Ratio Lower Upper
79 100
108 247.2 88.6 132.8#
77 98.3 47.0 70.4#



#16
2,2'-oxybis(1-Chloropropane)
Concen: 14.80 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.01 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Tgt Ion: 45 Resp: 70871
Ion Ratio Lower Upper
45 100
77 20.7 0.0 28.1
79 17.4 0.0 26.0

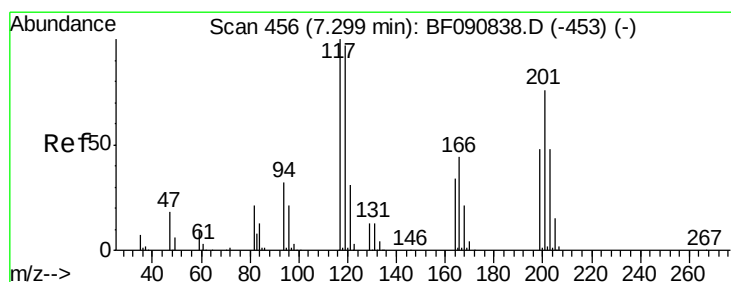
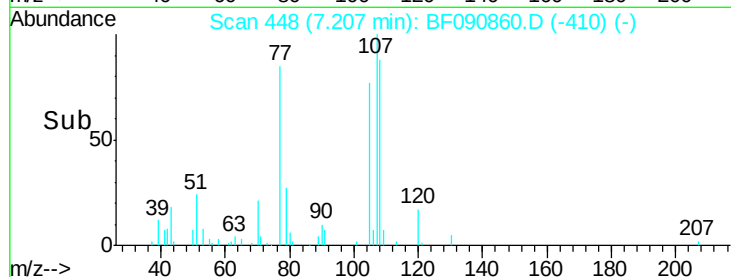
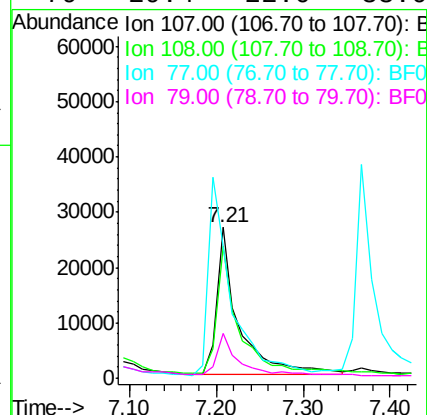
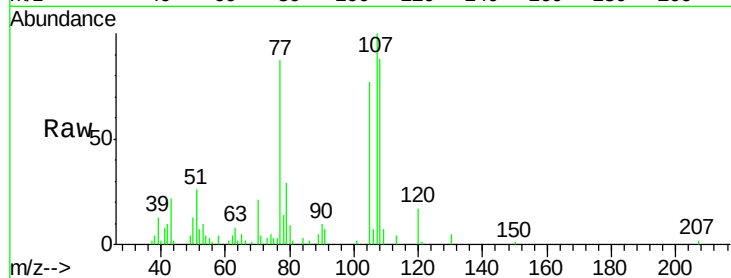




#17
2-Methylphenol
Concen: 12.80 ng
RT: 7.21 min Scan# 448
Delta R.T. 0.14 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

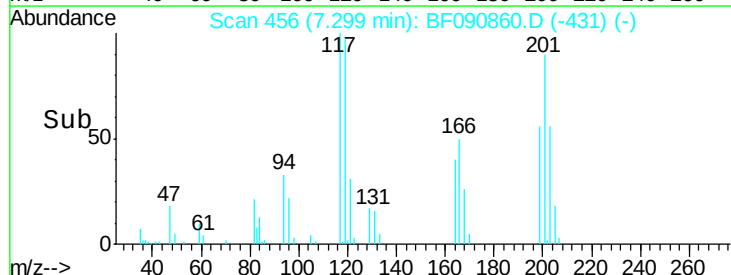
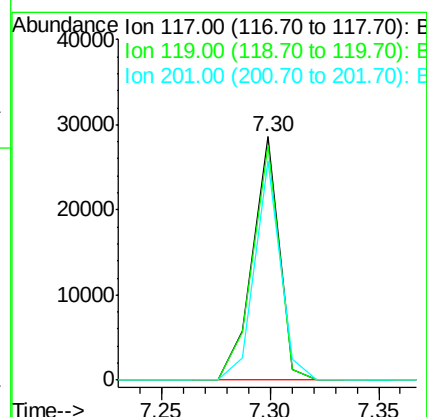
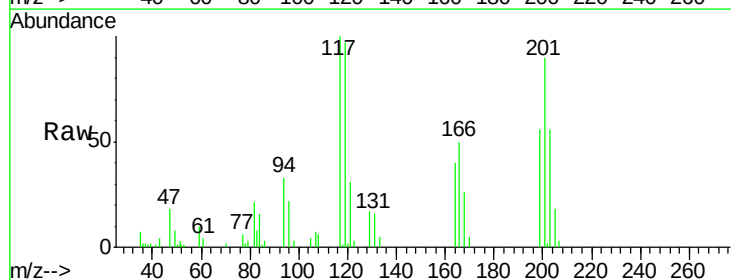
Instrument :
BNA_F
ClientSampleId :
PB94264BS

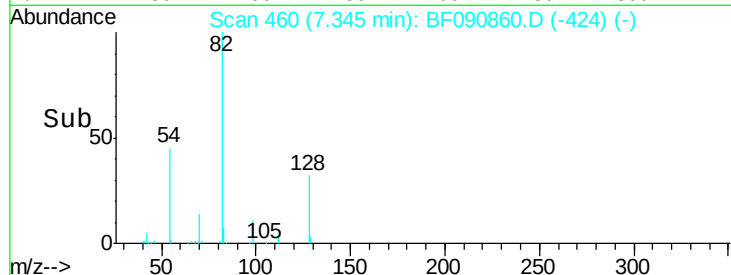
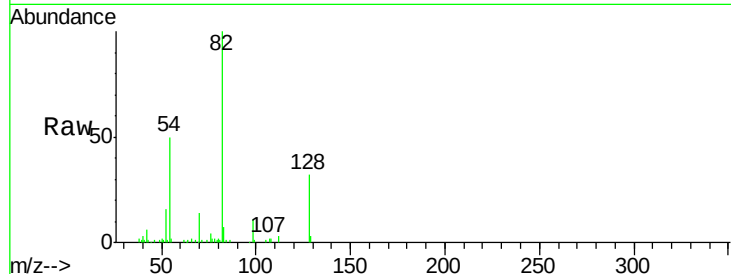
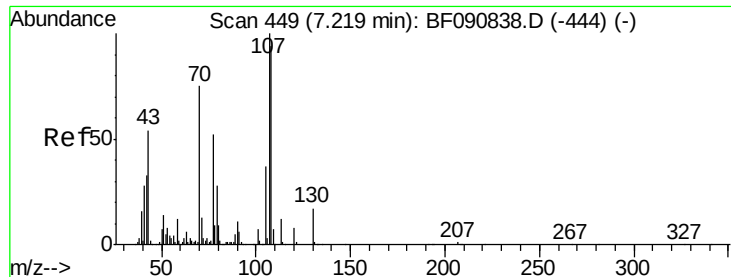
Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.5	96.6	145.0#
77	87.3	23.3	34.9#
79	29.4	22.0	33.0



#18
Hexachloroethane
Concen: 12.95 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	83.8	125.6
201	90.2	55.1	82.7#

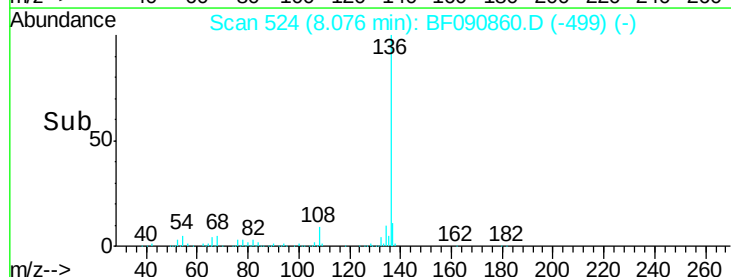
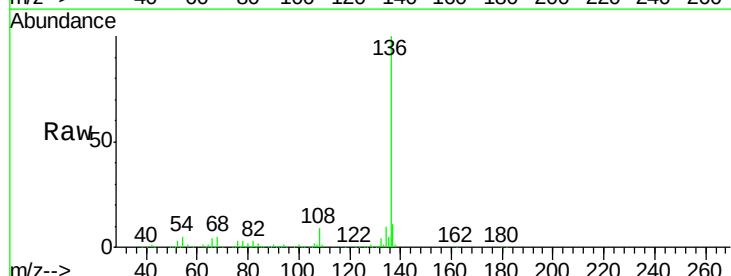
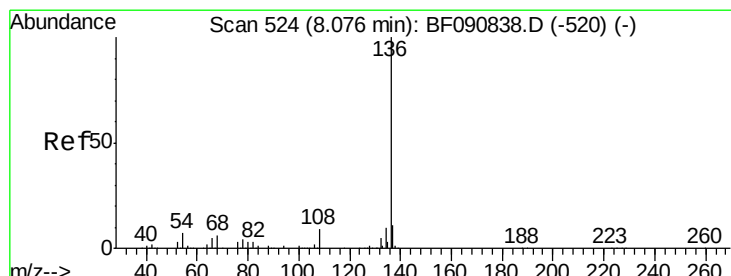
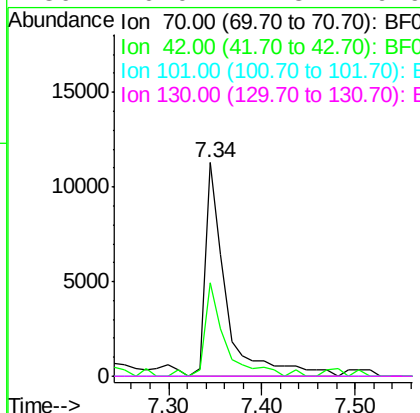




#19
n-Nitroso-di-n-propylamine
Concen: 5.71 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.11 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

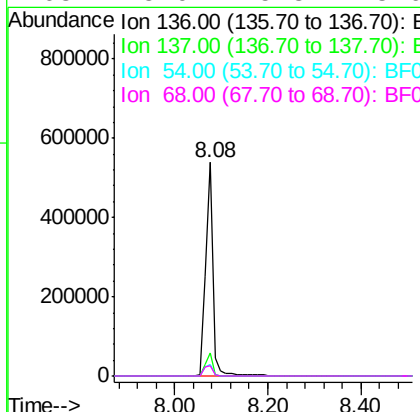
Instrument :
BNA_F
ClientSampleId :
PB94264BS

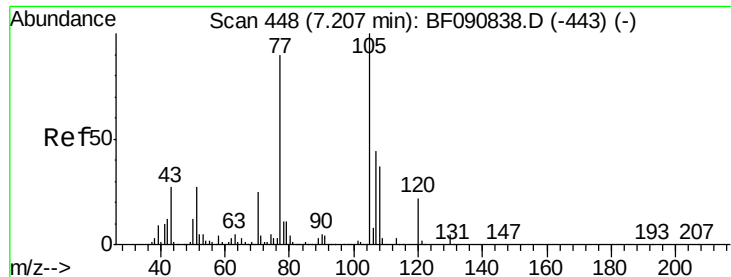
Tgt Ion: 70 Resp: 17418
Ion Ratio Lower Upper
70 100
42 44.0 63.8 95.6#
101 0.0 9.2 13.8#
130 0.0 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Tgt Ion: 136 Resp: 614867
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 5.2 8.2 12.2#
68 5.0 5.8 8.6#





#22

Acetophenone

Concen: 5.96 ng

RT: 7.20 min Scan# 447

Delta R.T. -0.02 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

Instrument :

BNA_F

ClientSampleId :

PB94264BS

Tgt Ion: 105 Resp: 75426

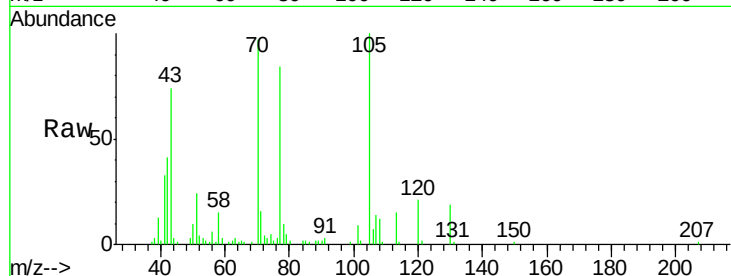
Ion Ratio Lower Upper

105 100

71 16.0 4.7 7.1#

51 24.5 22.0 33.0

120 20.6 30.1 45.1#

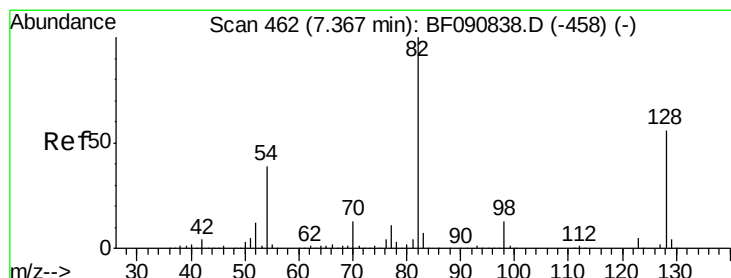
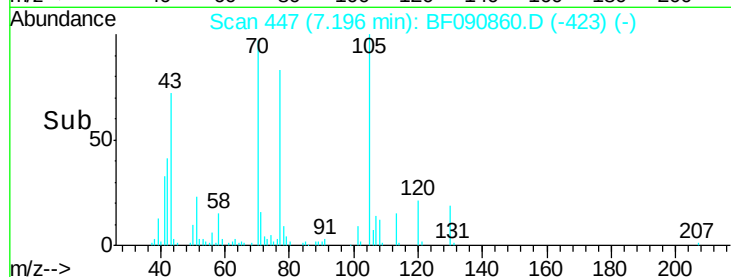
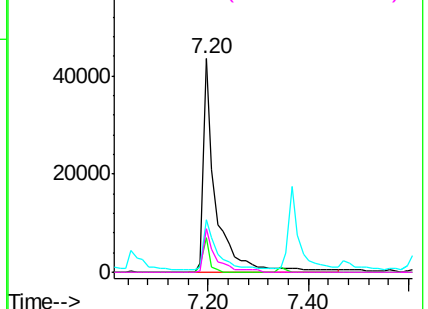


Abundance Ion 105.00 (104.70 to 105.70): E

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: 12.83 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.02 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

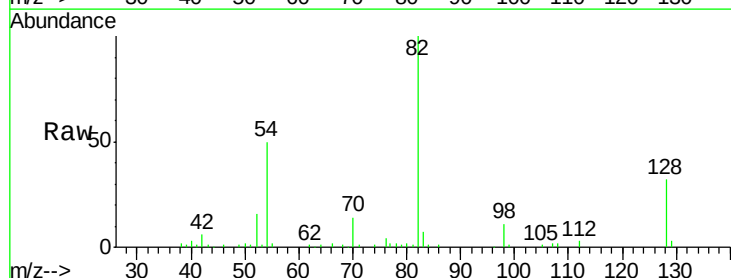
Tgt Ion: 82 Resp: 120493

Ion Ratio Lower Upper

82 100

128 32.4 51.0 76.6#

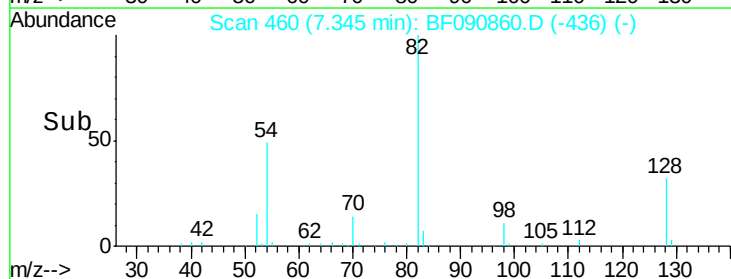
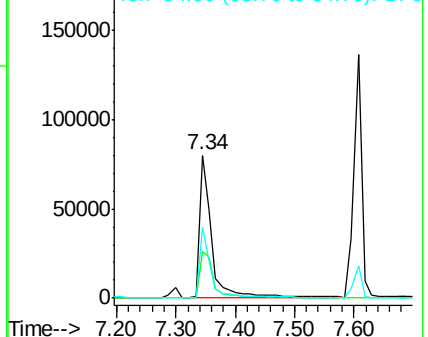
54 49.7 47.5 71.3

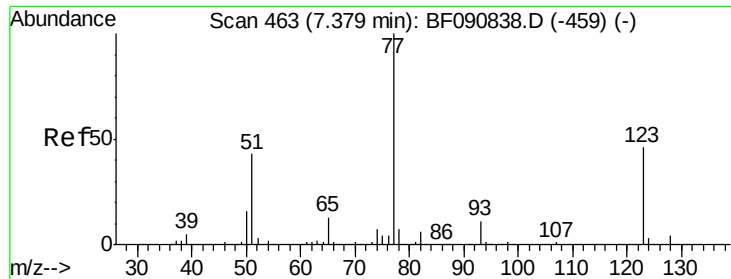


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 5.69 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.02 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

Instrument :

BNA_F

ClientSampleId :

PB94264BS

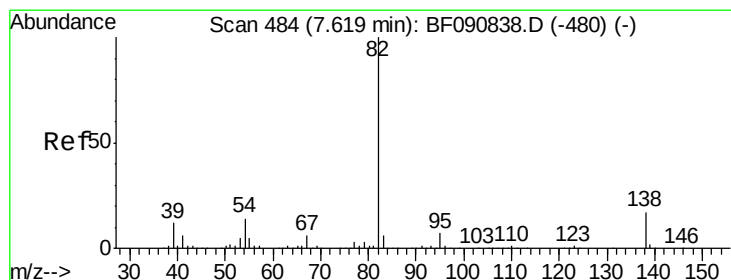
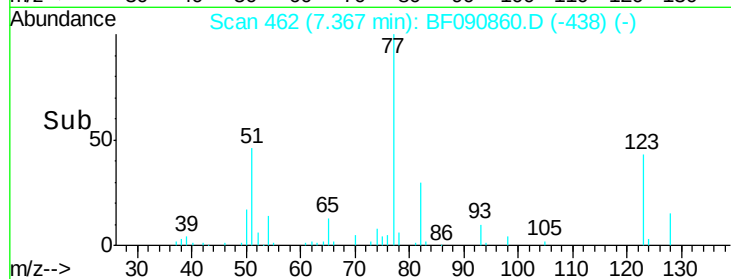
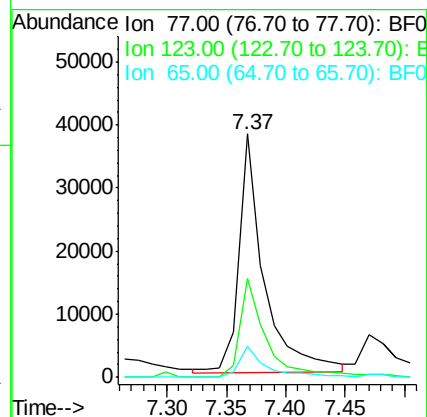
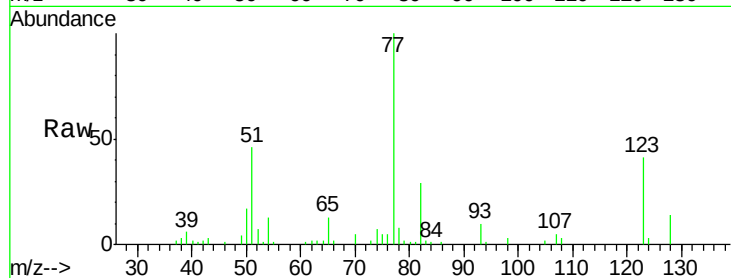
Tgt Ion: 77 Resp: 56572

Ion Ratio Lower Upper

77 100

123 40.9 59.8 89.8#

65 12.6 10.2 15.4



#25

Isophorone

Concen: 6.46 ng

RT: 7.61 min Scan# 483

Delta R.T. -0.02 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

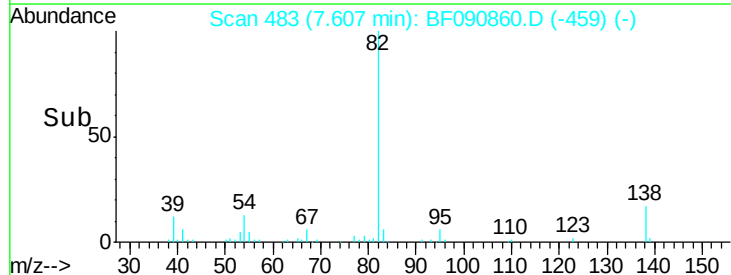
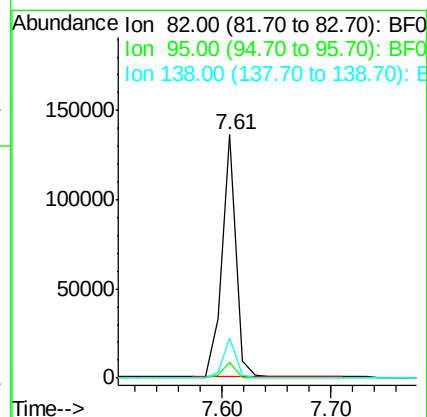
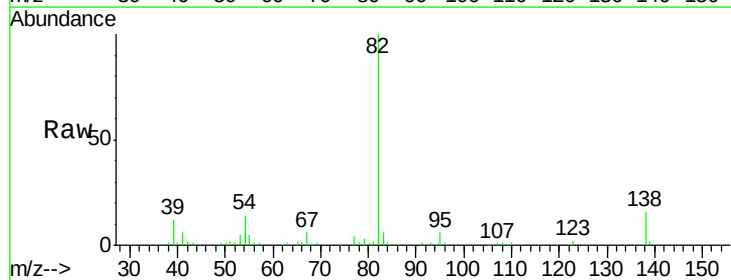
Tgt Ion: 82 Resp: 123166

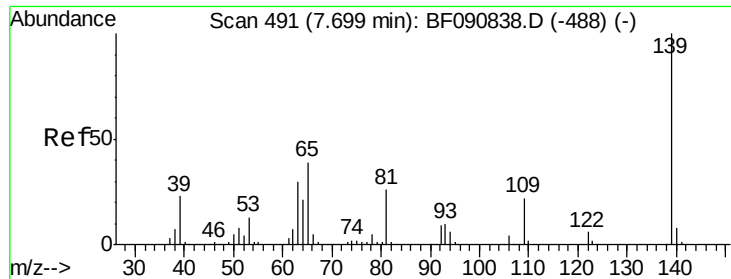
Ion Ratio Lower Upper

82 100

95 6.3 4.0 6.0#

138 16.5 18.3 27.5#

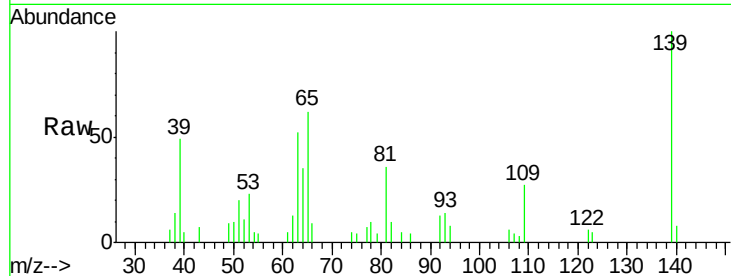




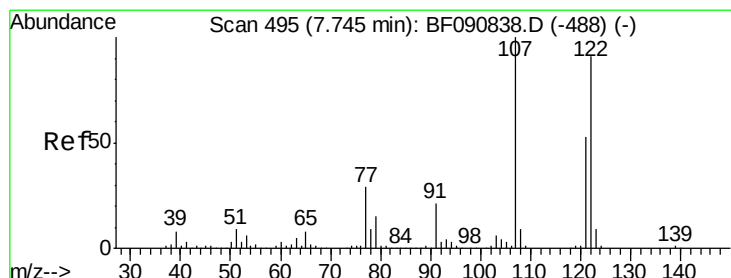
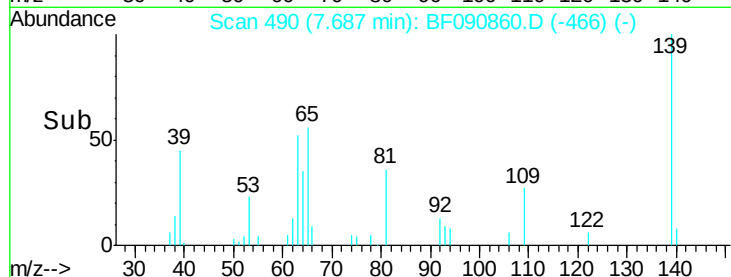
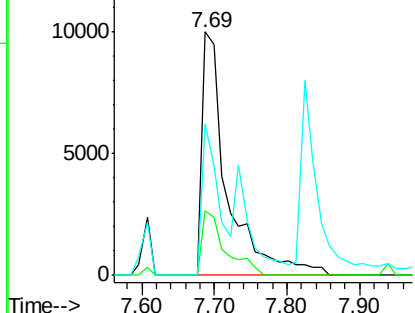
#26
2-Nitrophenol
Concen: 4.56 ng
RT: 7.69 min Scan# 490
Delta R.T. -0.02 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Instrument :
BNA_F
ClientSampleId :
PB94264BS

Tgt Ion:139 Resp: 24274
Ion Ratio Lower Upper
139 100
109 26.6 11.0 16.4#
65 62.2 24.7 37.1#

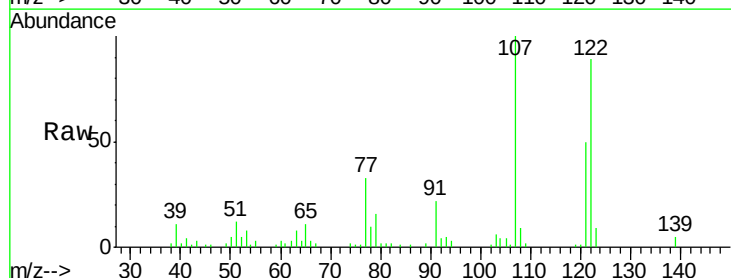


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

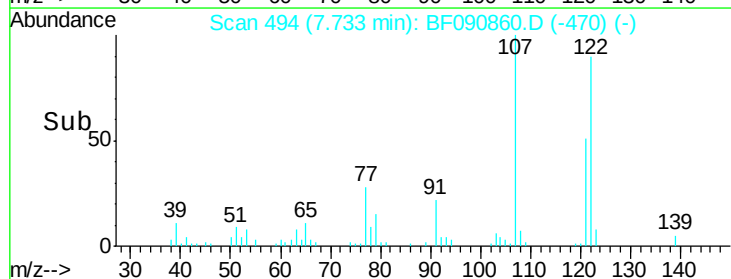
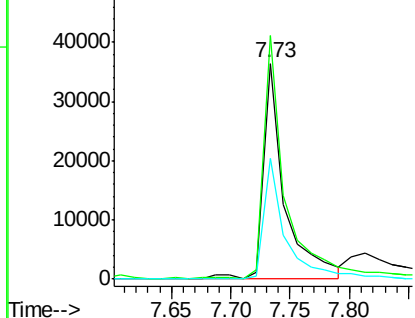


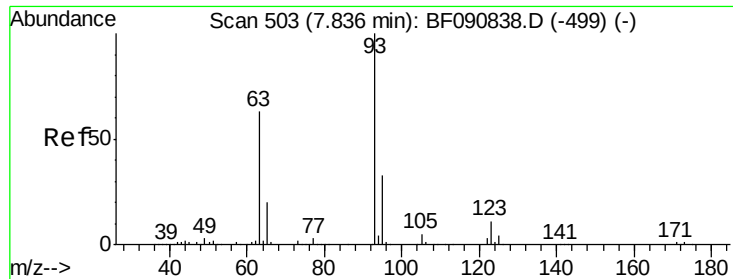
#27
2,4-Dimethylphenol
Concen: 5.31 ng
RT: 7.73 min Scan# 494
Delta R.T. -0.02 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Tgt Ion:122 Resp: 45726
Ion Ratio Lower Upper
122 100
107 112.8 71.8 107.6#
121 56.1 42.3 63.5



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

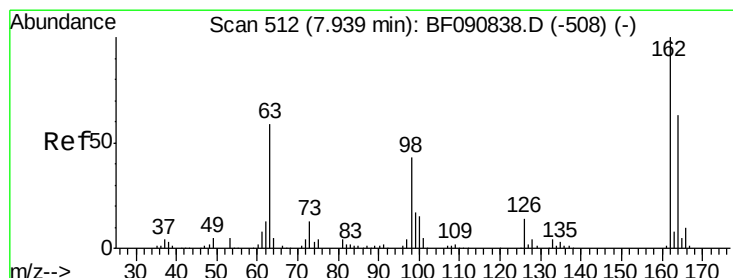
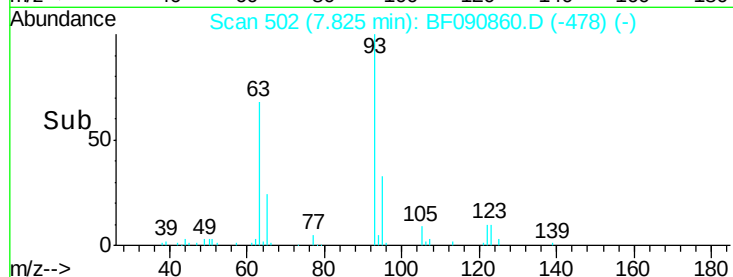
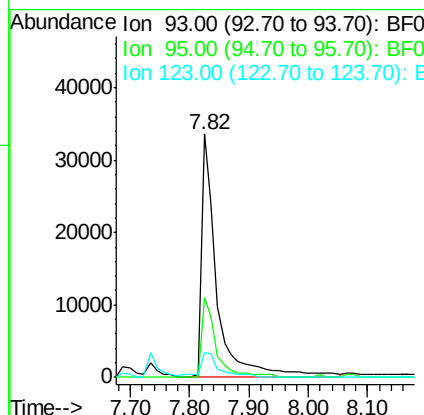
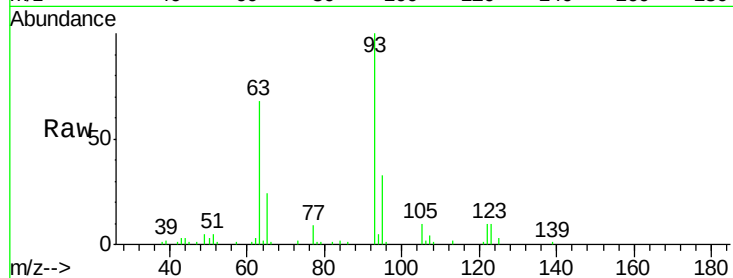




#28
bis(2-Chloroethoxy)methane
Concen: 5.78 ng
RT: 7.82 min Scan# 502
Delta R.T. -0.02 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

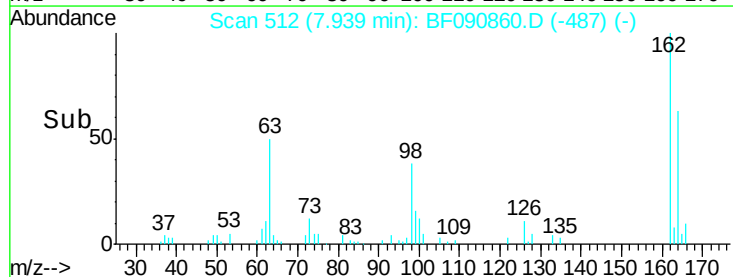
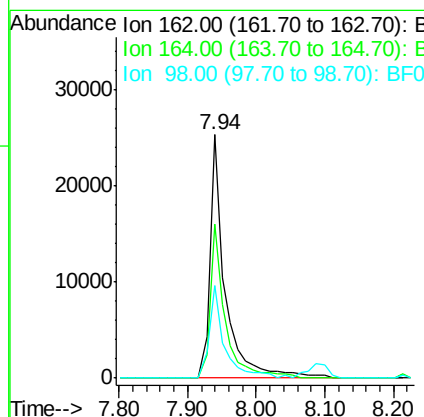
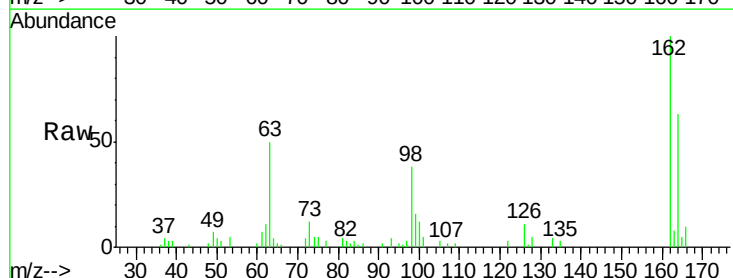
Instrument :
BNA_F
ClientSampleId :
PB94264BS

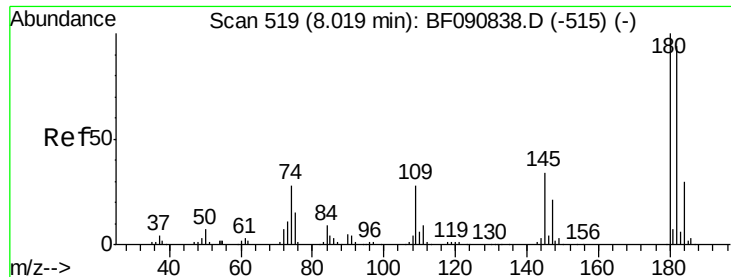
Tgt Ion: 93 Resp: 62680
Ion Ratio Lower Upper
93 100
95 33.0 27.5 41.3
123 10.0 13.7 20.5#



#29
2,4-Dichlorophenol
Concen: 4.89 ng
RT: 7.94 min Scan# 512
Delta R.T. -0.01 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Tgt Ion: 162 Resp: 39007
Ion Ratio Lower Upper
162 100
164 63.4 44.9 84.9
98 38.1 13.0 53.0

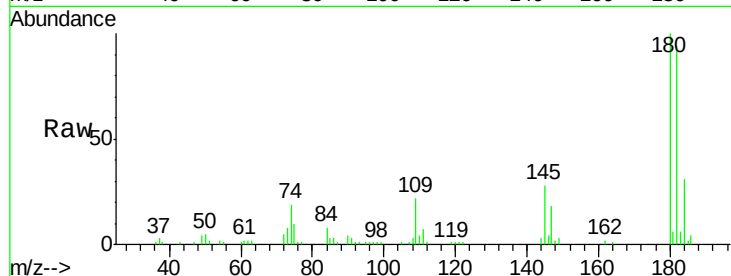




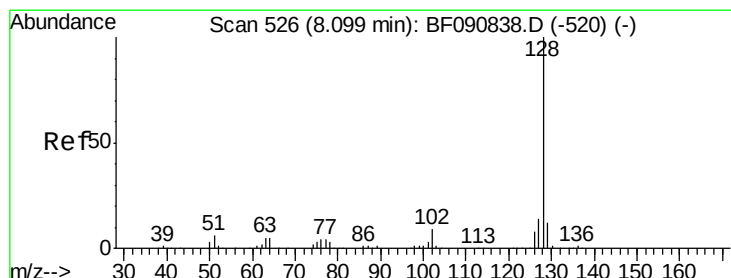
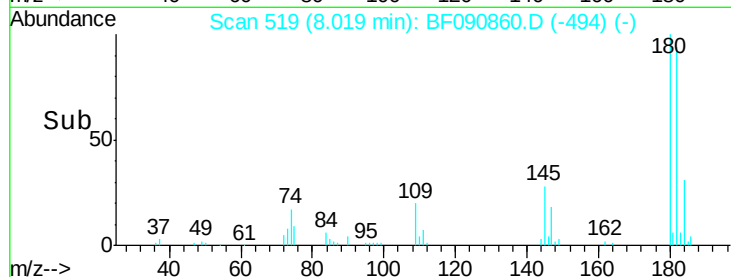
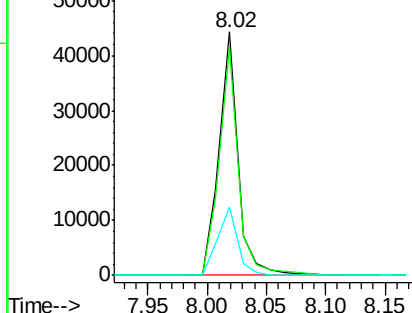
#30
1,2,4-Trichlorobenzene
Concen: 5.31 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Instrument :
BNA_F
ClientSampleId :
PB94264BS

Tgt Ion:180 Resp: 48970
Ion Ratio Lower Upper
180 100
182 93.7 77.1 115.7
145 28.2 23.3 34.9

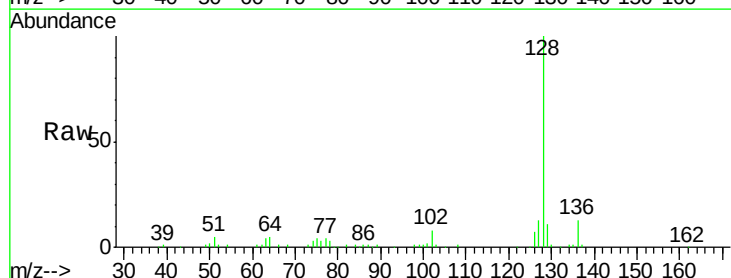


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

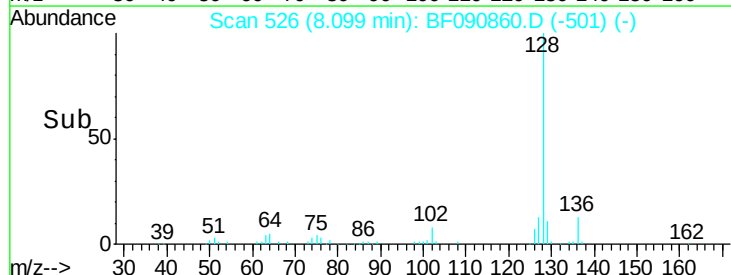
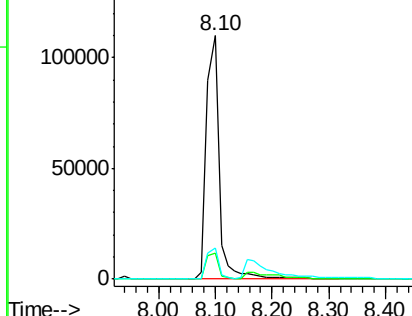


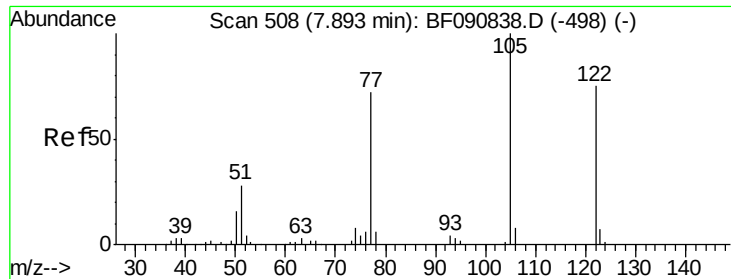
#31
Naphthalene
Concen: 5.79 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Tgt Ion:128 Resp: 166443
Ion Ratio Lower Upper
128 100
129 10.6 8.4 12.6
127 12.8 9.9 14.9



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

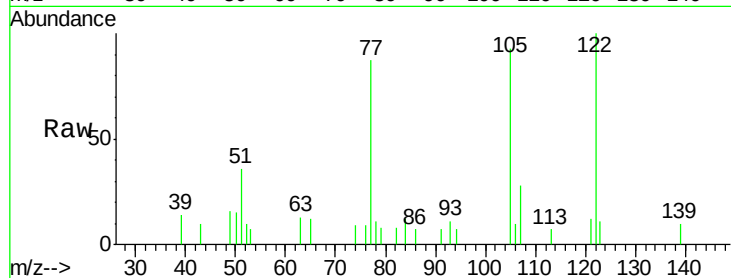




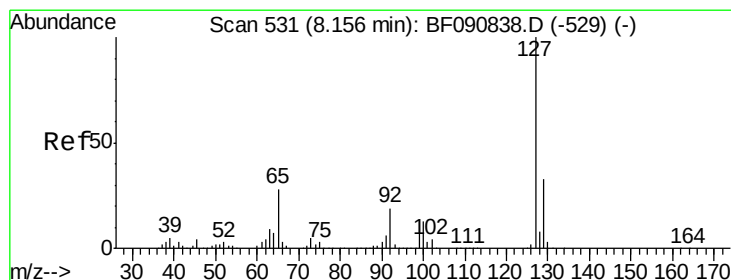
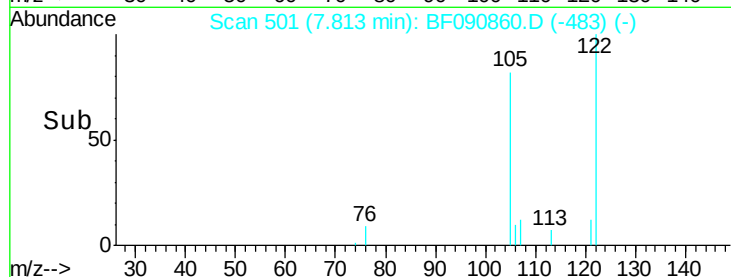
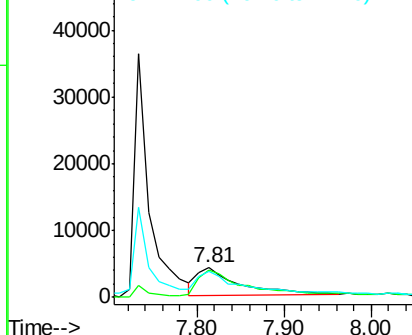
#32
Benzoic acid
Concen: 2.21 ng
RT: 7.81 min Scan# 501
Delta R.T. -0.09 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Instrument :
BNA_F
ClientSampleId :
PB94264BS

Tgt Ion:122 Resp: 13853
Ion Ratio Lower Upper
122 100
105 92.9 76.1 116.1
77 86.9 40.5 80.5#

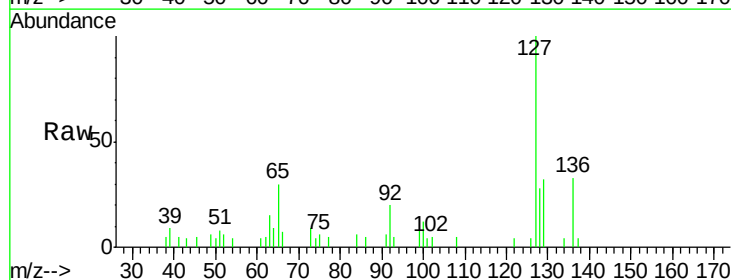


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

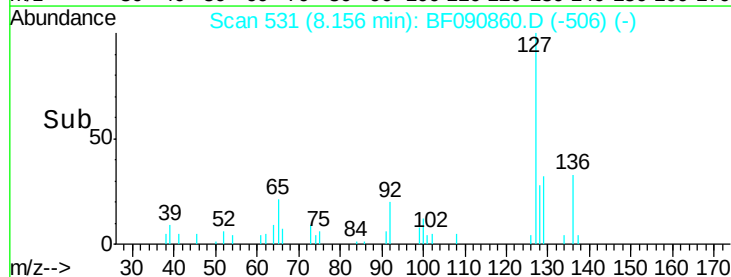
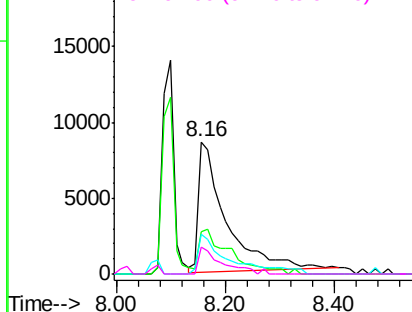


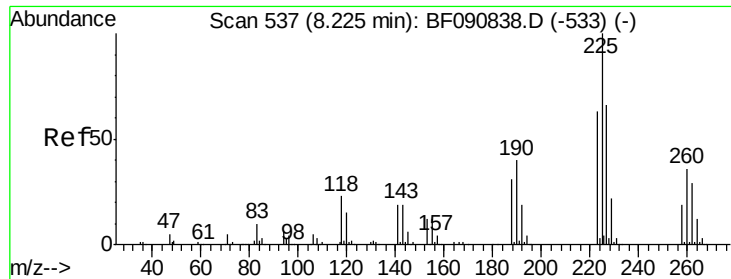
#33
4-Chloroaniline
Concen: 2.61 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Tgt Ion:127 Resp: 30353
Ion Ratio Lower Upper
127 100
129 32.4 25.8 38.6
65 29.9 17.9 26.9#
92 20.2 10.5 15.7#



Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

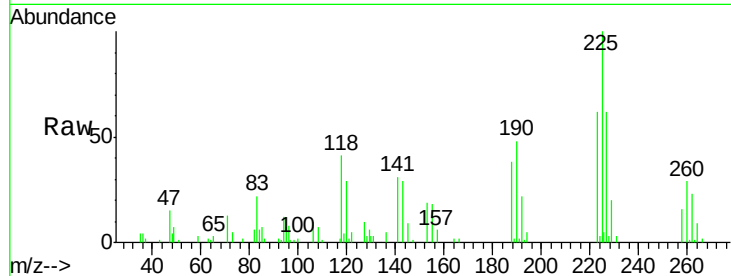




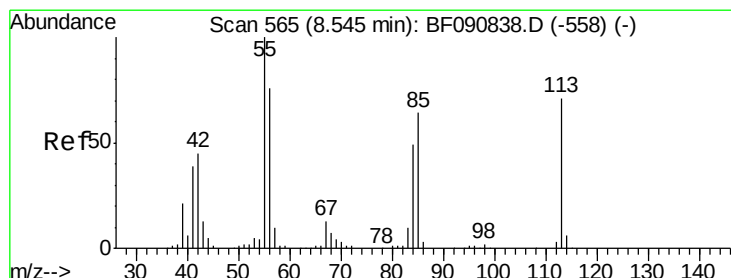
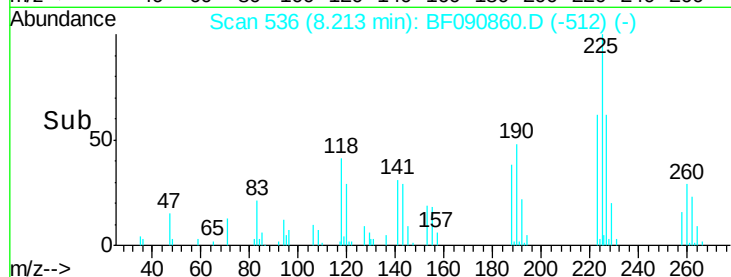
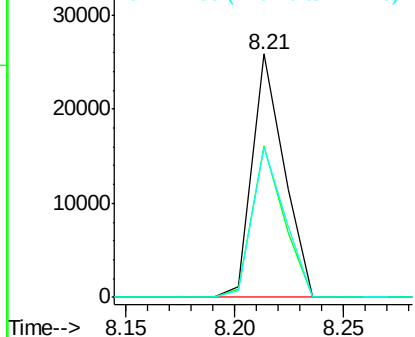
#34
Hexachlorobutadiene
Concen: 4.87 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.02 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Instrument :
BNA_F
ClientSampleId :
PB94264BS

Tgt Ion: 225 Resp: 26406
Ion Ratio Lower Upper
225 100
223 62.2 50.2 75.2
227 61.5 52.2 78.2

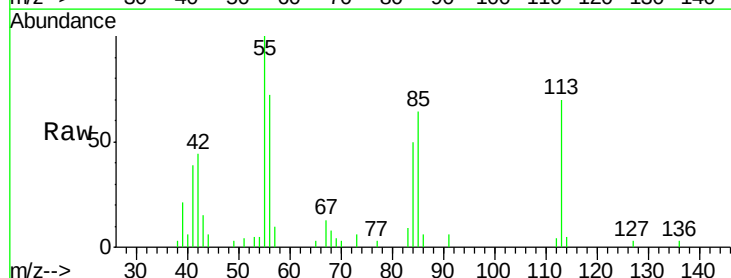


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

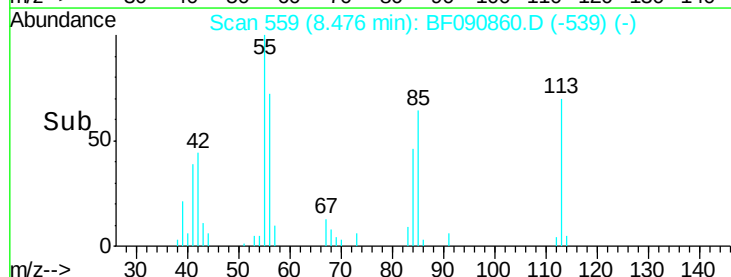
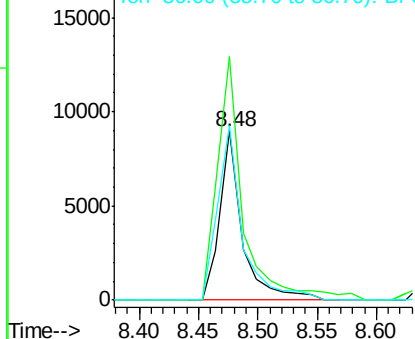


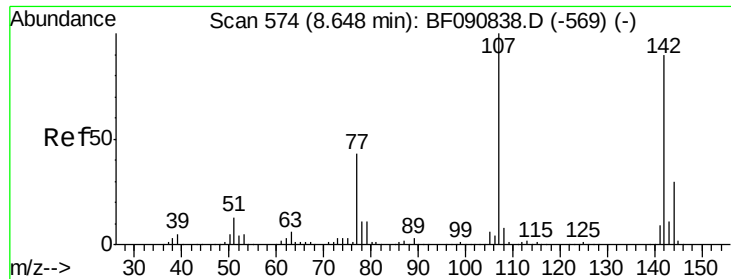
#35
Caprolactam
Concen: 4.76 ng
RT: 8.48 min Scan# 559
Delta R.T. -0.07 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Tgt Ion: 113 Resp: 11790
Ion Ratio Lower Upper
113 100
55 143.8 152.4 192.4#
56 103.3 104.6 144.6#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

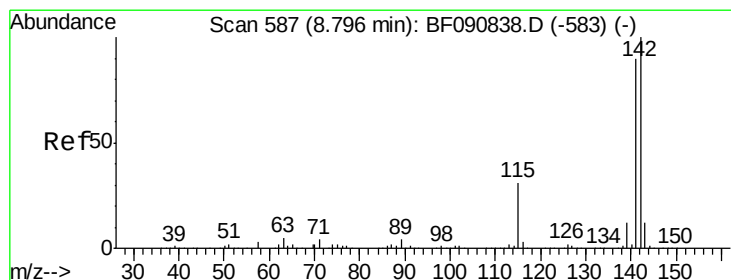
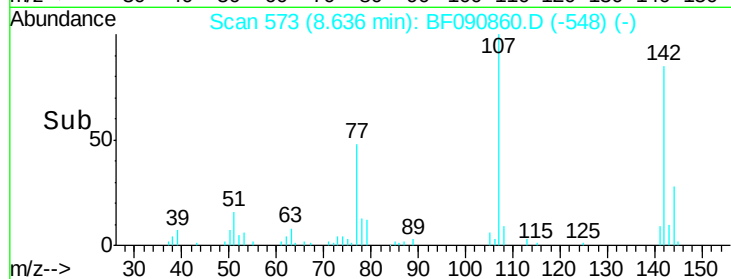
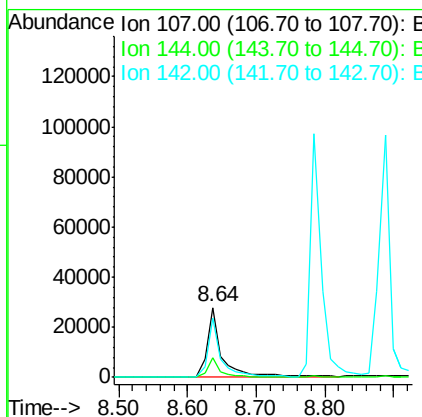
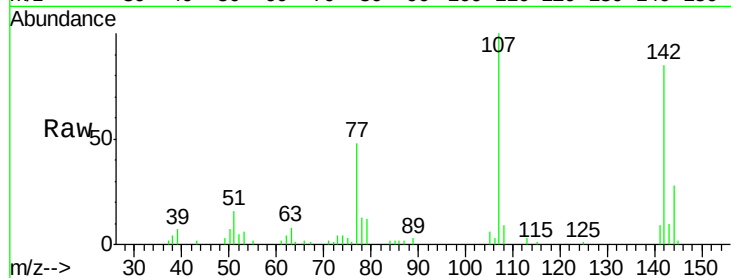




#36
 4-Chloro-3-methylphenol
 Concen: 4.92 ng
 RT: 8.64 min Scan# 573
 Delta R.T. -0.01 min
 Lab File: BF090860.D
 Acq: 27 Oct 2016 00:26

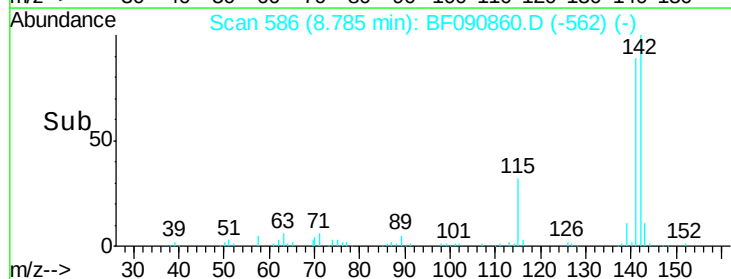
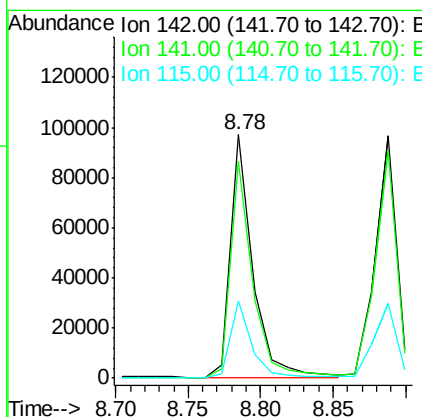
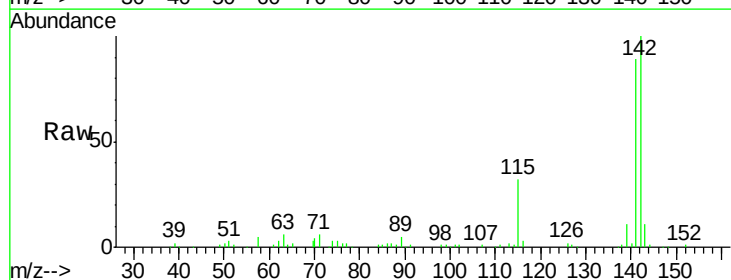
Instrument :
 BNA_F
 ClientSampleId :
 PB94264BS

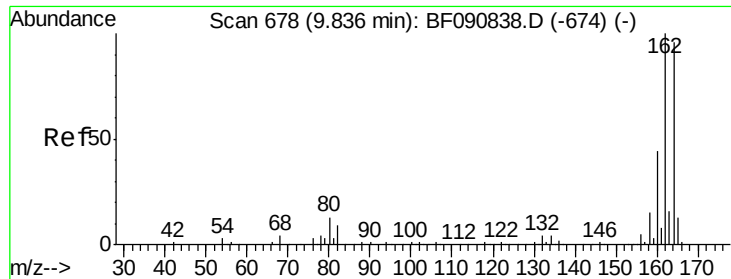
Tgt Ion:107 Resp: 42732
 Ion Ratio Lower Upper
 107 100
 144 28.0 25.4 38.0
 142 84.9 77.3 115.9



#37
 2-Methylnaphthalene
 Concen: 5.59 ng
 RT: 8.78 min Scan# 586
 Delta R.T. -0.02 min
 Lab File: BF090860.D
 Acq: 27 Oct 2016 00:26

Tgt Ion:142 Resp: 103807
 Ion Ratio Lower Upper
 142 100
 141 89.1 67.5 101.3
 115 31.6 18.2 27.2#

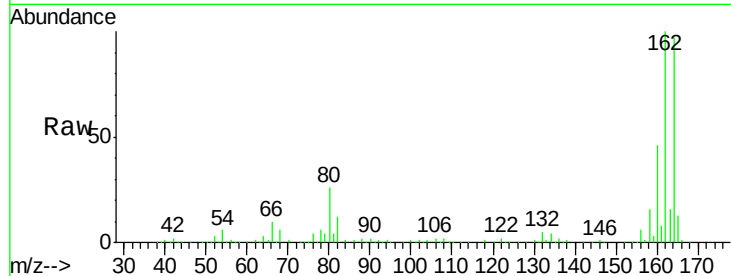




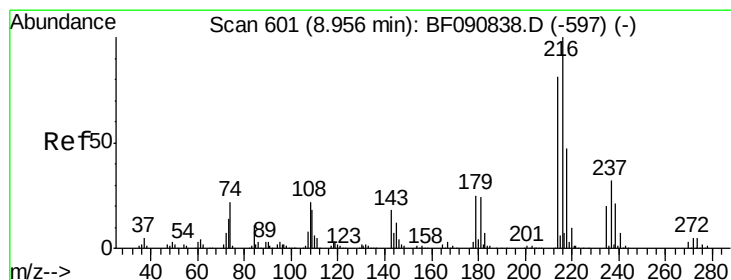
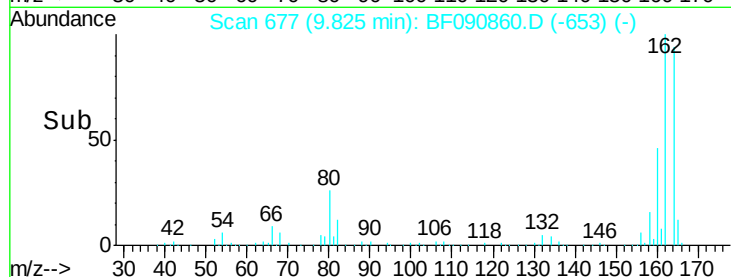
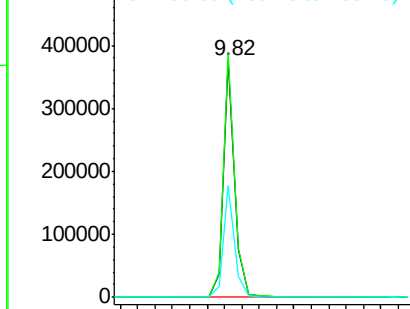
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.02 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Instrument :
BNA_F
ClientSampleId :
PB94264BS

Tgt Ion:164 Resp: 345365
Ion Ratio Lower Upper
164 100
162 102.8 75.2 112.8
160 47.3 31.5 47.3#

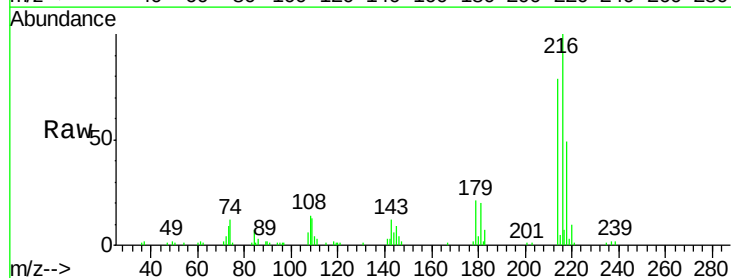


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

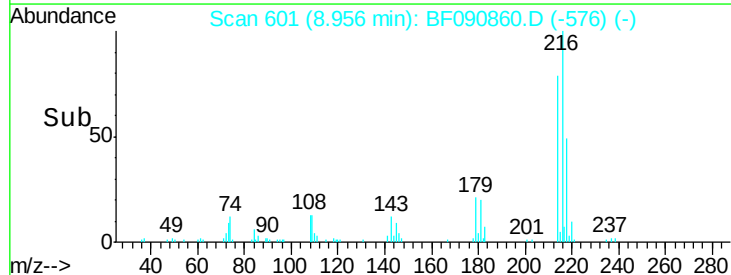
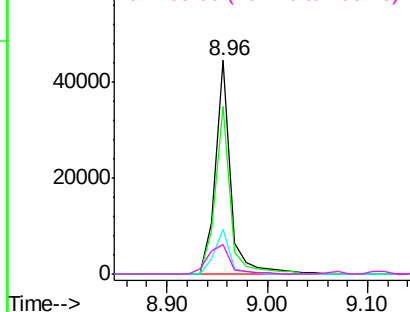


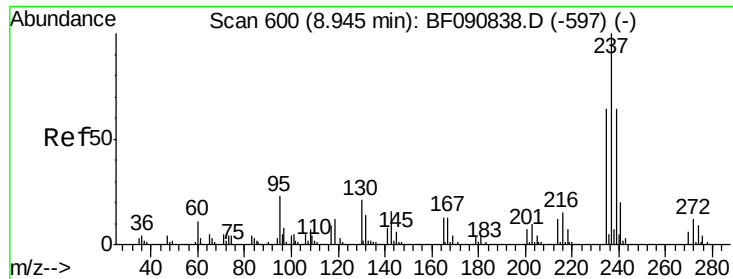
#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.94 ng
RT: 8.96 min Scan# 601
Delta R.T. -0.01 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Tgt Ion:216 Resp: 46849
Ion Ratio Lower Upper
216 100
214 78.0 63.5 95.3
179 21.0 16.6 24.8
108 20.5 16.3 24.5



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

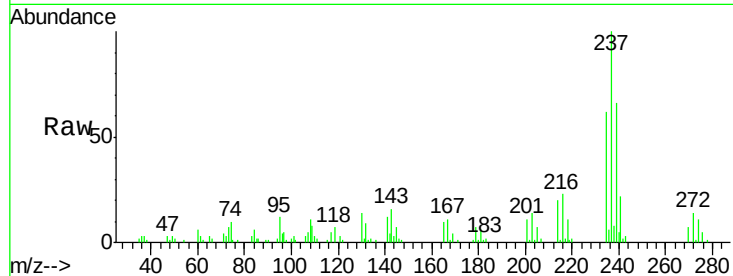




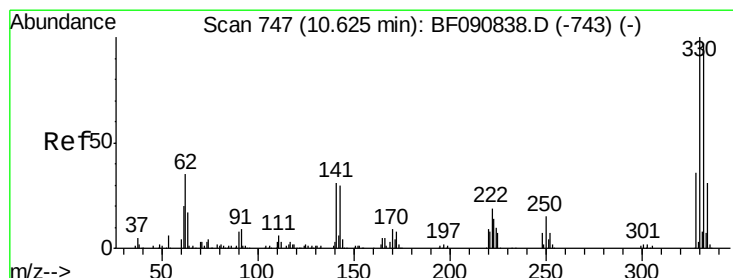
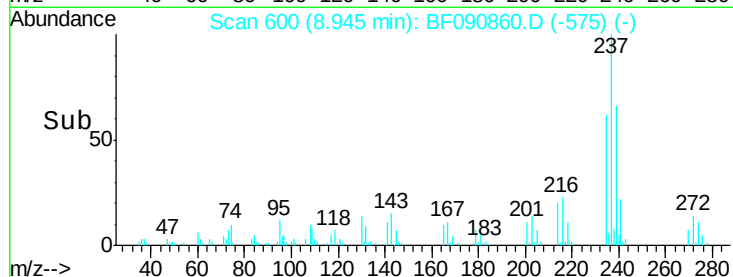
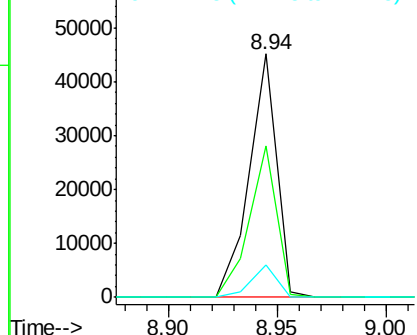
#40
Hexachlorocyclopentadiene
Concen: 9.07 ng
RT: 8.94 min Scan# 600
Delta R.T. -0.01 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Instrument :
BNA_F
ClientSampleId :
PB94264BS

Tgt Ion: 237 Resp: 39519
Ion Ratio Lower Upper
237 100
235 62.0 42.0 82.0
272 13.6 0.0 36.1

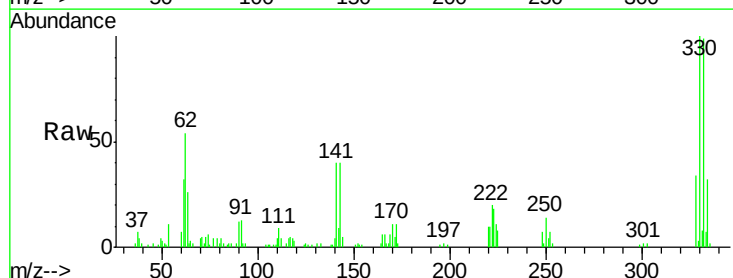


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

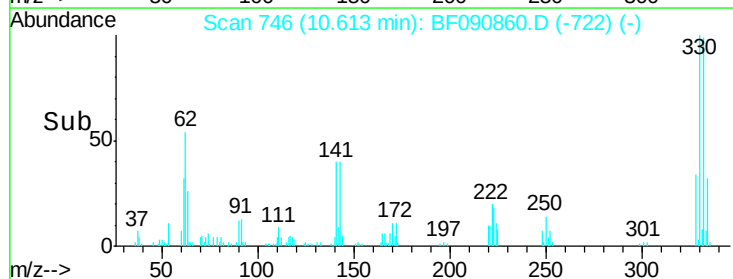
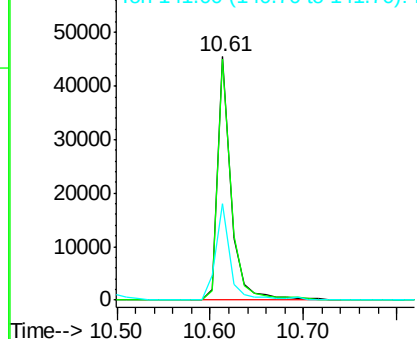


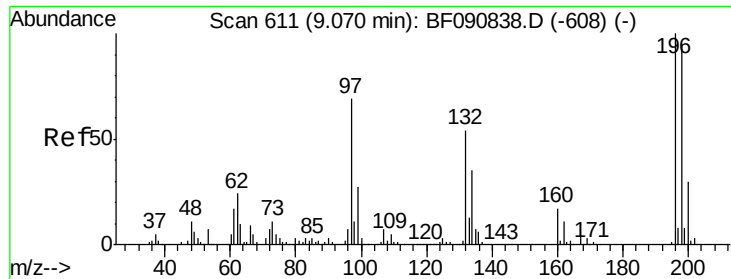
#41
2,4,6-Tribromophenol
Concen: 12.85 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.02 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Tgt Ion: 330 Resp: 45610
Ion Ratio Lower Upper
330 100
332 98.9 76.6 114.8
141 43.4 29.7 44.5



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

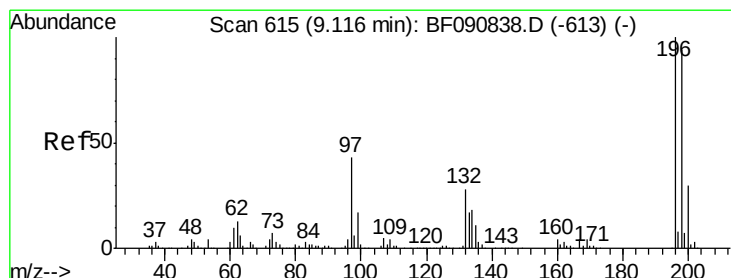
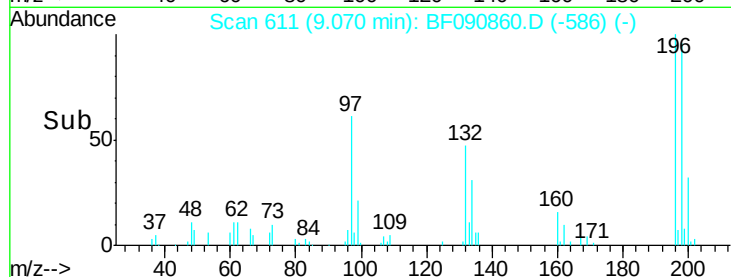
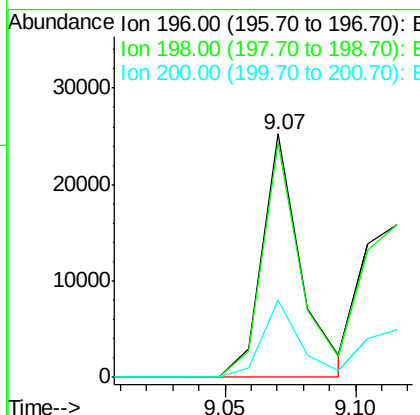
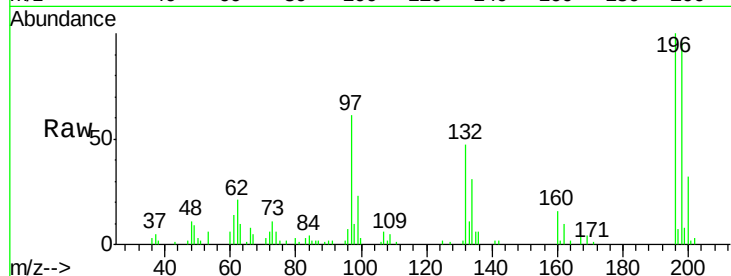




#42
 2,4,6-Trichlorophenol
 Concen: 4.23 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF090860.D
 Acq: 27 Oct 2016 00:26

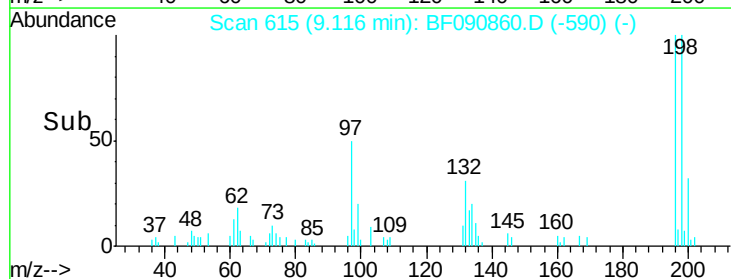
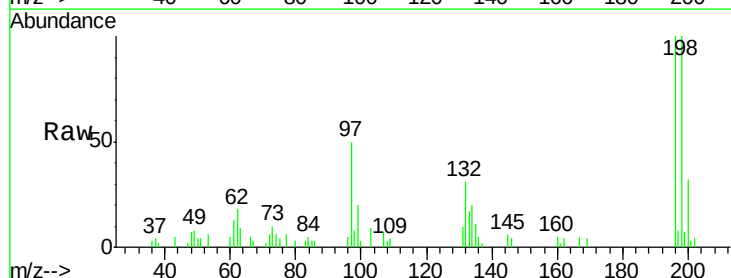
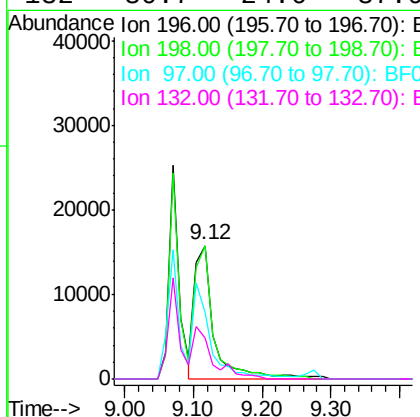
Instrument :
 BNA_F
 ClientSampled :
 PB94264BS

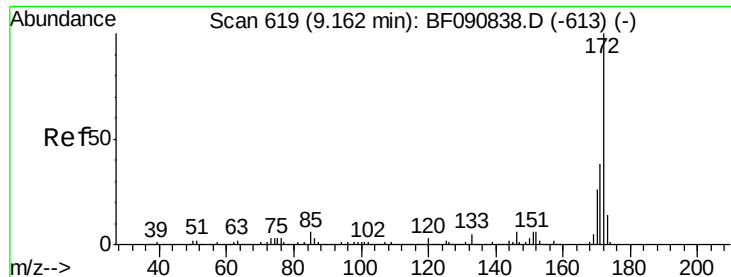
Tgt Ion:196 Resp: 25892
 Ion Ratio Lower Upper
 196 100
 198 96.2 75.7 113.5
 200 31.5 23.9 35.9



#43
 2,4,5-Trichlorophenol
 Concen: 4.94 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF090860.D
 Acq: 27 Oct 2016 00:26

Tgt Ion:196 Resp: 31143
 Ion Ratio Lower Upper
 196 100
 198 100.1 75.4 113.0
 97 50.2 33.3 49.9#
 132 30.7 24.6 37.0

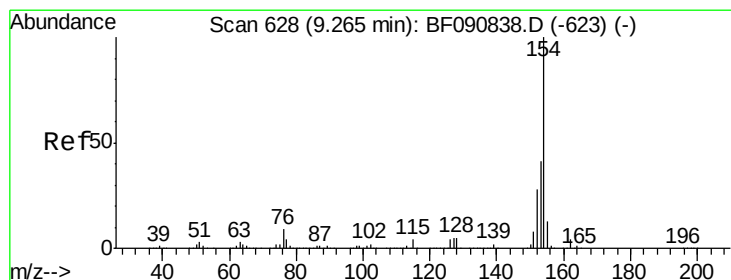
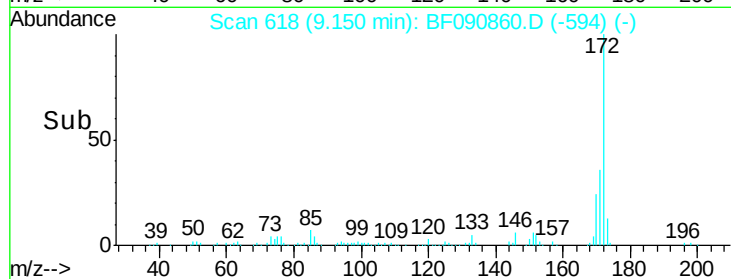
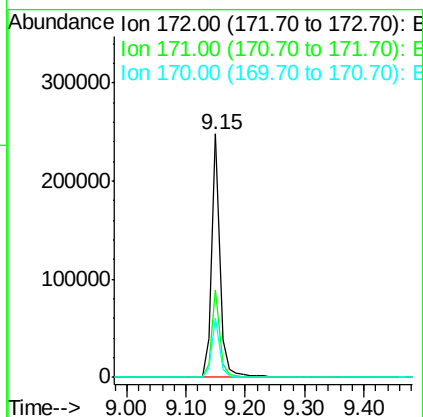
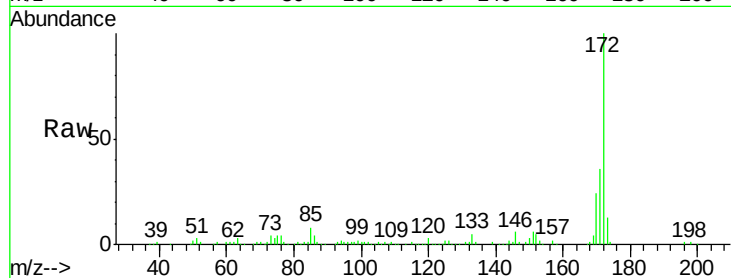




#44
2-Fluorobiphenyl
Concen: 12.34 ng
RT: 9.15 min Scan# 618
Delta R.T. -0.02 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

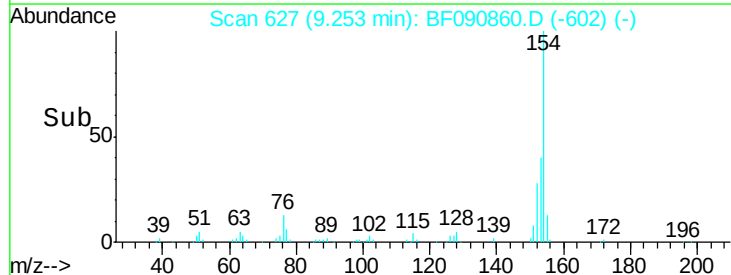
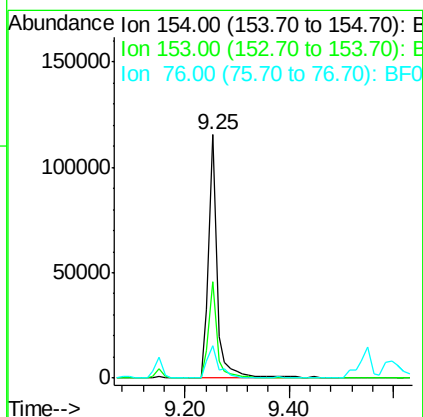
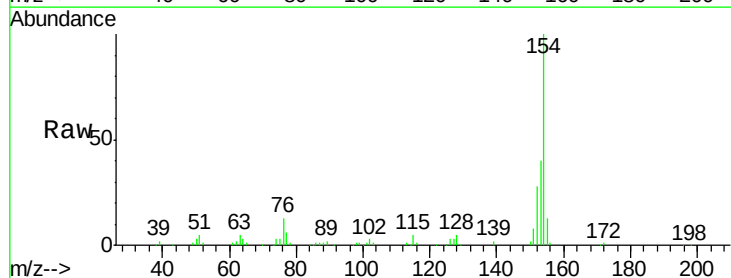
Instrument :
BNA_F
ClientSampleId :
PB94264BS

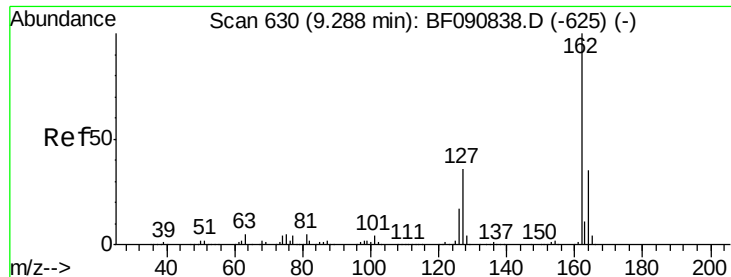
Tgt Ion:172 Resp: 242692
Ion Ratio Lower Upper
172 100
171 35.9 26.1 39.1
170 24.2 17.4 26.2



#45
1,1'-Biphenyl
Concen: 5.41 ng
RT: 9.25 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Tgt Ion:154 Resp: 134583
Ion Ratio Lower Upper
154 100
153 39.8 17.1 57.1
76 13.3 0.0 31.6

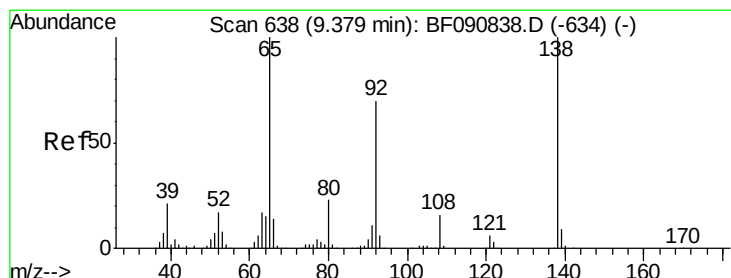
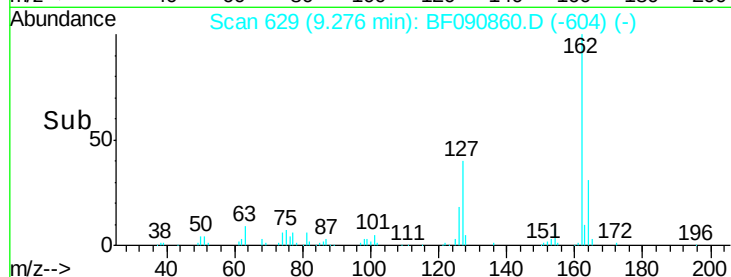
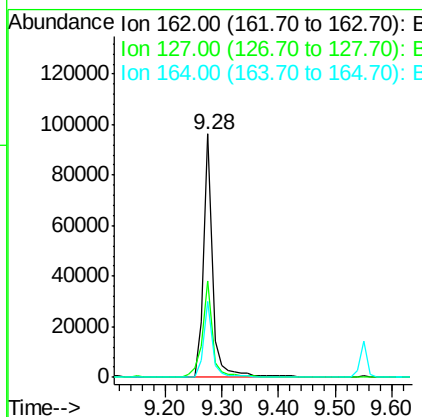
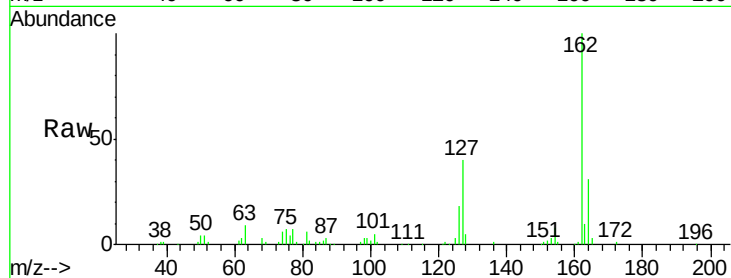




#46
 2-Chloronaphthalene
 Concen: 5.54 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF090860.D
 Acq: 27 Oct 2016 00:26

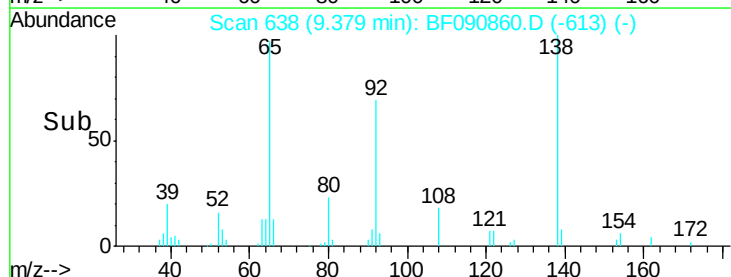
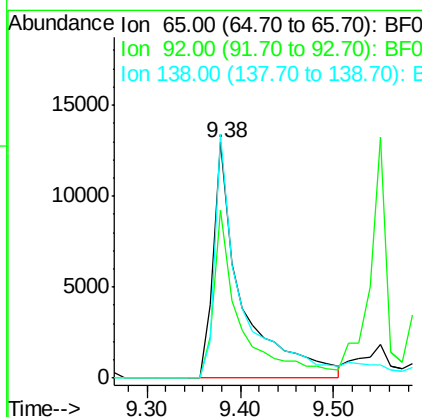
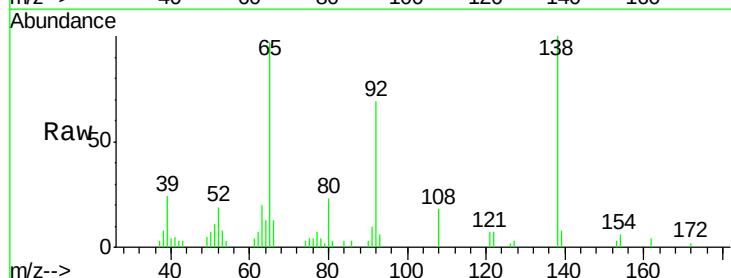
Instrument :
 BNA_F
 ClientSampleId :
 PB94264BS

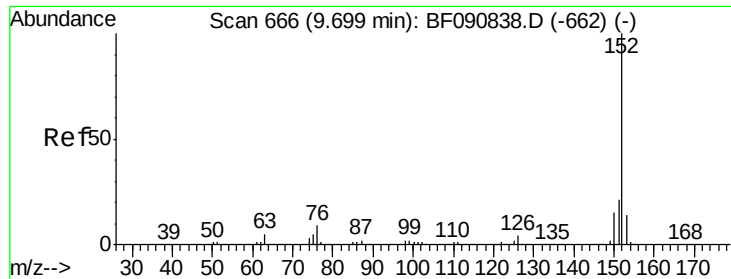
Tgt Ion: 162 Resp: 104816
 Ion Ratio Lower Upper
 162 100
 127 39.5 27.6 41.4
 164 31.0 25.4 38.2



#47
 2-Nitroaniline
 Concen: 5.22 ng
 RT: 9.38 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF090860.D
 Acq: 27 Oct 2016 00:26

Tgt Ion: 65 Resp: 27850
 Ion Ratio Lower Upper
 65 100
 92 71.3 55.4 83.0
 138 103.3 115.5 173.3#





#48

Acenaphthylene

Concen: 5.94 ng

RT: 9.69 min Scan# 665

Delta R.T. -0.02 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

Instrument :

BNA_F

ClientSampleId :

PB94264BS

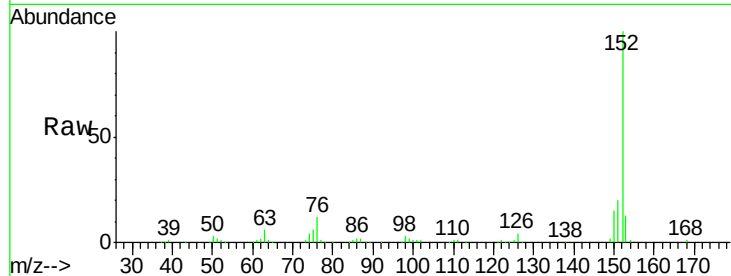
Tgt Ion:152 Resp: 170322

Ion Ratio Lower Upper

152 100

151 19.8 14.6 22.0

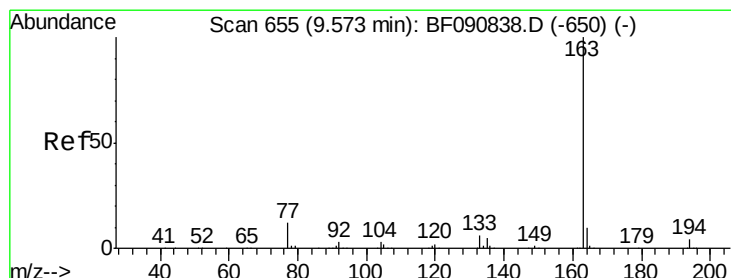
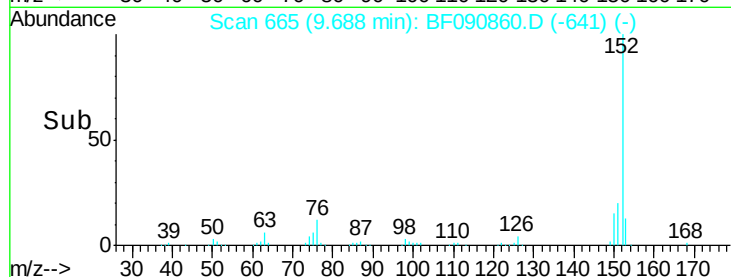
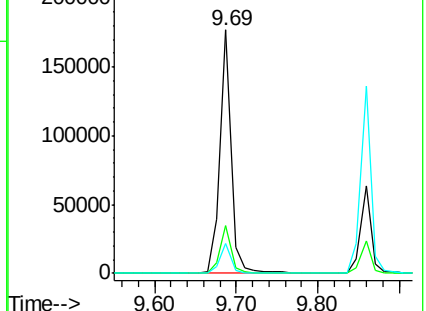
153 12.5 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 5.60 ng

RT: 9.55 min Scan# 653

Delta R.T. -0.02 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

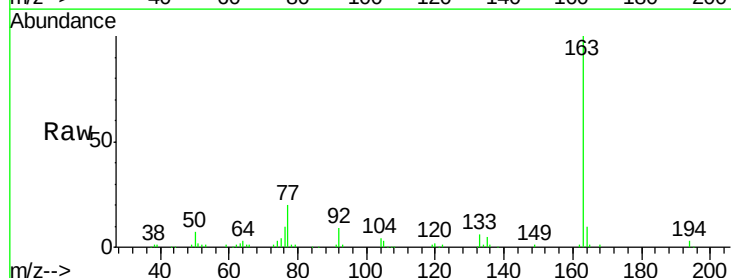
Tgt Ion:163 Resp: 129213

Ion Ratio Lower Upper

163 100

194 3.3 4.4 6.6#

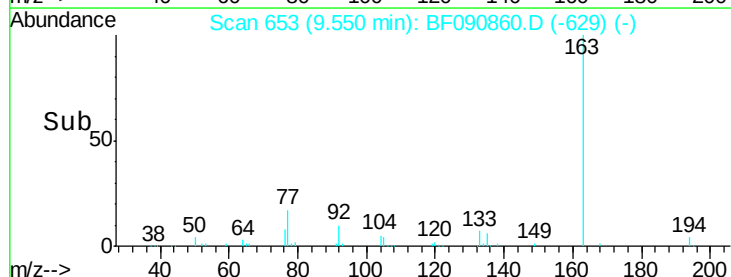
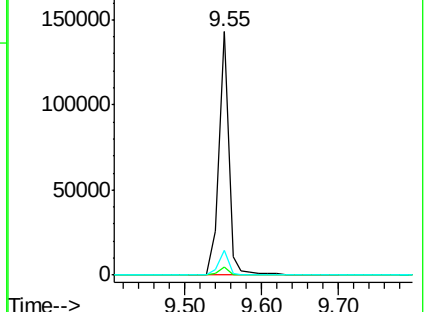
164 10.0 8.3 12.5

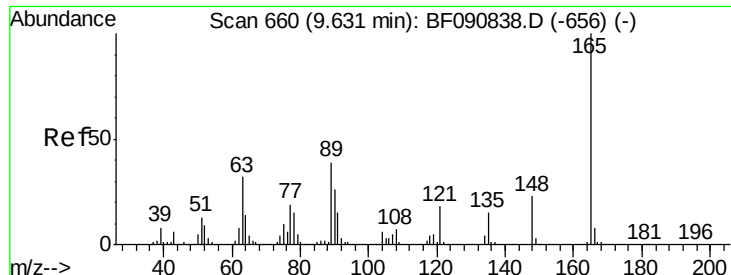


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 4.48 ng

RT: 9.61 min Scan# 658

Delta R.T. -0.02 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

Instrument :

BNA_F

ClientSampleId :

PB94264BS

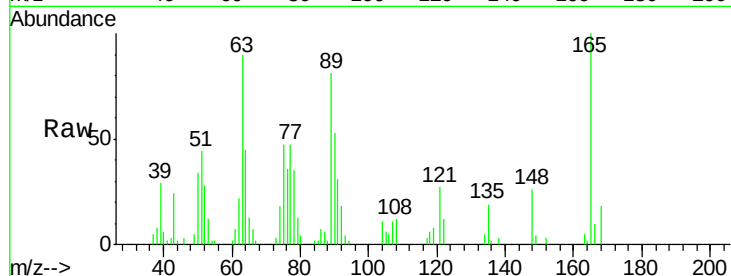
Tgt Ion:165 Resp: 22812

Ion Ratio Lower Upper

165 100

63 90.3 32.3 48.5#

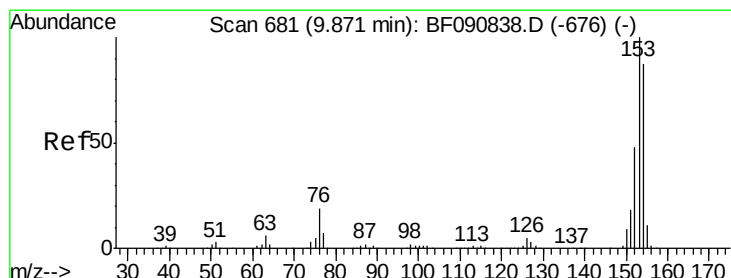
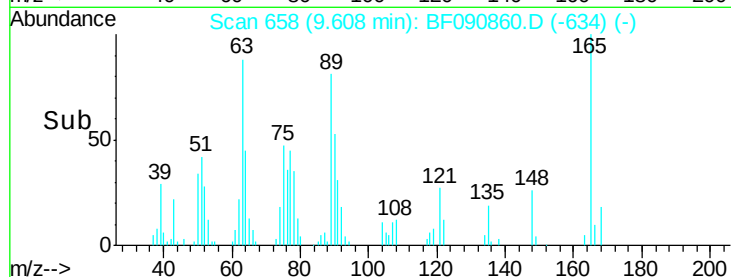
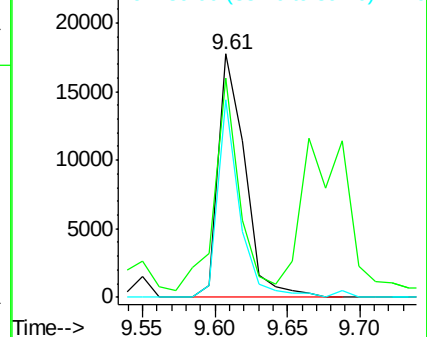
89 80.9 28.6 43.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#51

Acenaphthene

Concen: 5.88 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

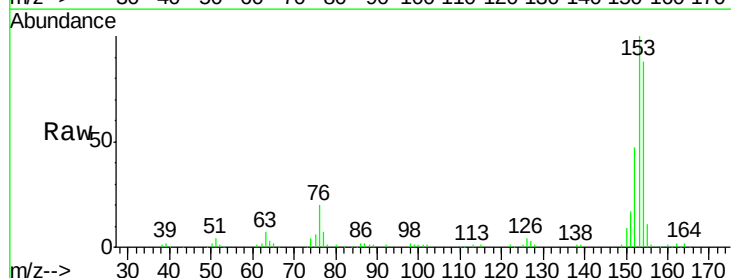
Tgt Ion:154 Resp: 116052

Ion Ratio Lower Upper

154 100

153 113.6 82.1 123.1

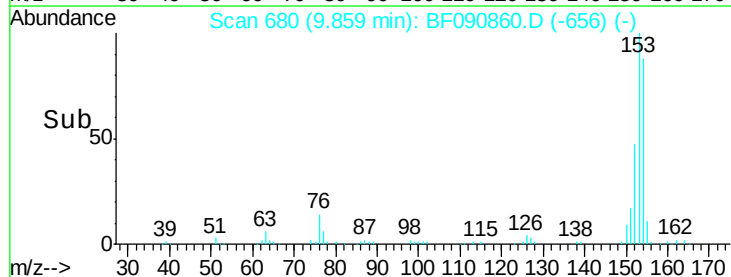
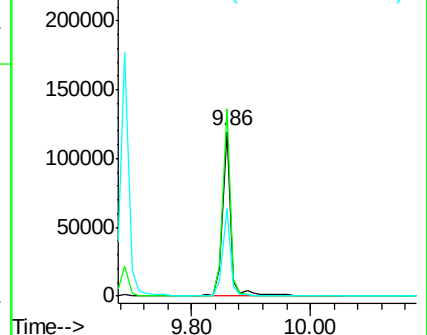
152 53.5 37.9 56.9

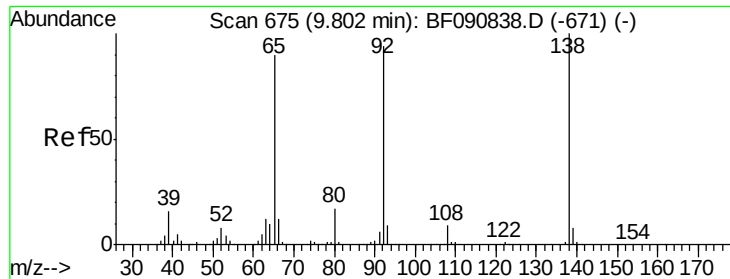


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

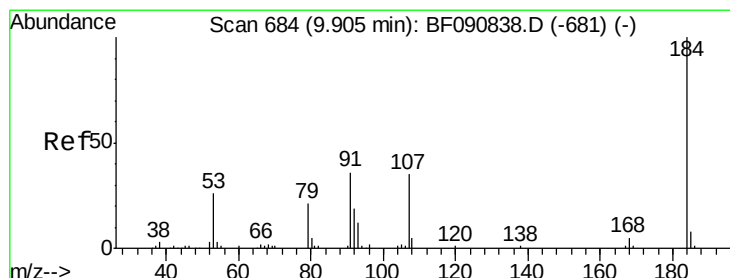
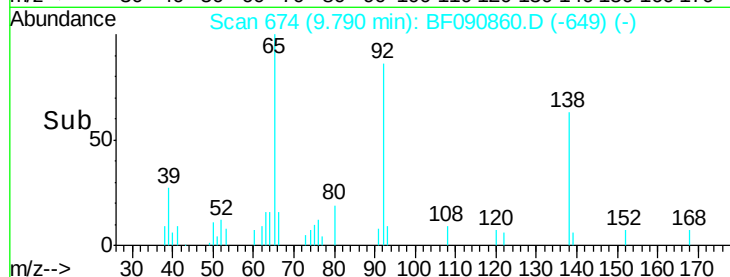
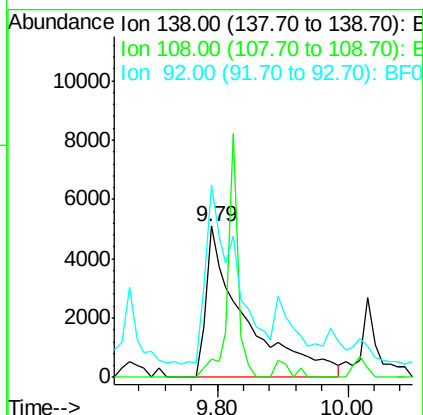
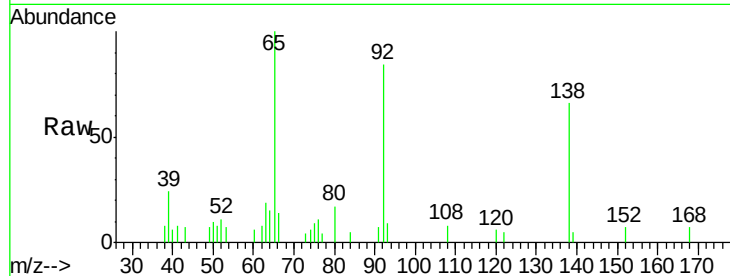




#52
 3-Nitroaniline
 Concen: 3.86 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: BF090860.D
 Acq: 27 Oct 2016 00:26

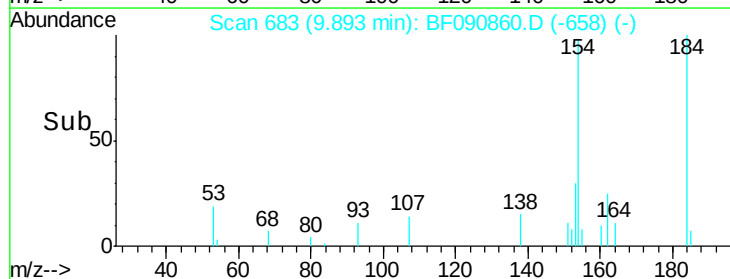
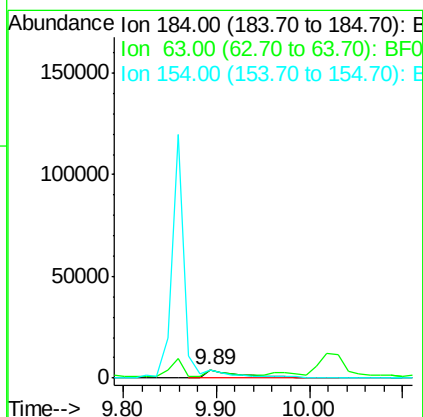
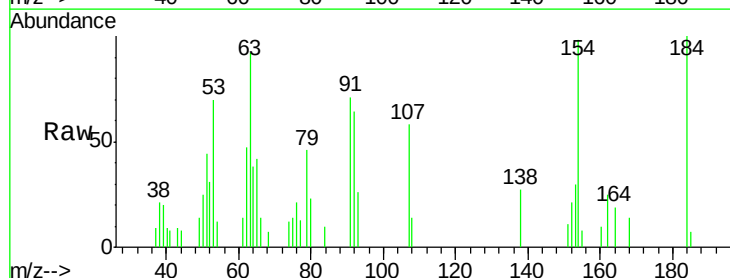
Instrument :
 BNA_F
 ClientSampleId :
 PB94264BS

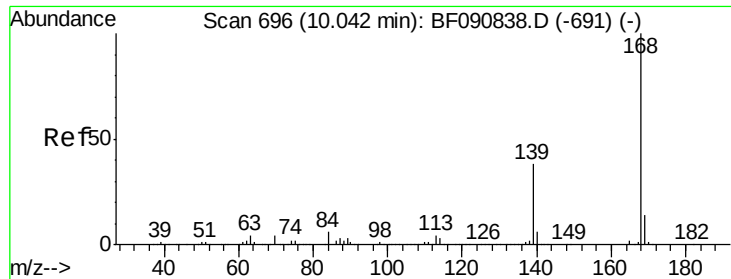
Tgt Ion:138 Resp: 20934
 Ion Ratio Lower Upper
 138 100
 108 11.8 5.7 8.5#
 92 127.1 67.7 101.5#



#53
 2,4-Dinitrophenol
 Concen: 4.06 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.01 min
 Lab File: BF090860.D
 Acq: 27 Oct 2016 00:26

Tgt Ion:184 Resp: 10891
 Ion Ratio Lower Upper
 184 100
 63 91.8 35.4 53.2#
 154 98.2 32.2 48.4#





#54

Dibenzenofuran

Concen: 5.66 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.02 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

Instrument :

BNA_F

ClientSampleId :

PB94264BS

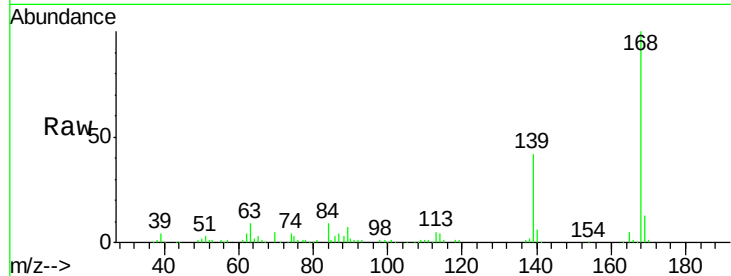
Tgt Ion:168 Resp: 144070

Ion Ratio Lower Upper

168 100

139 42.2 24.2 36.2#

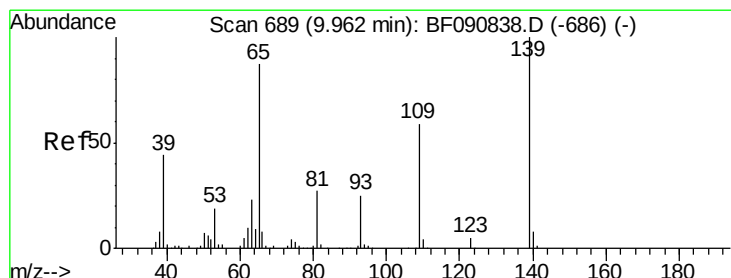
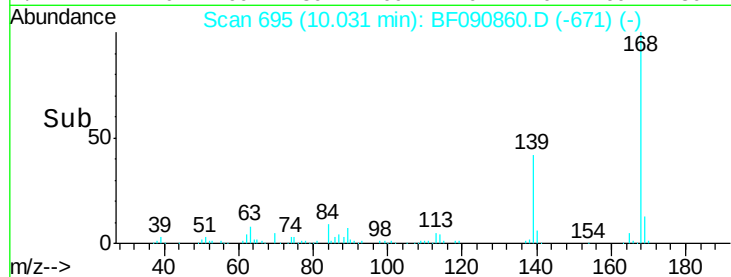
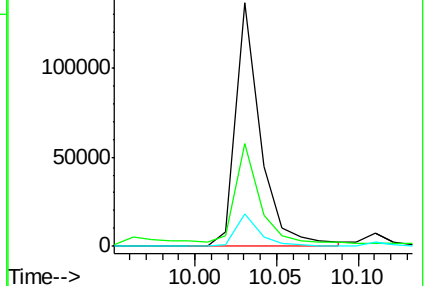
169 13.1 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 3.94 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

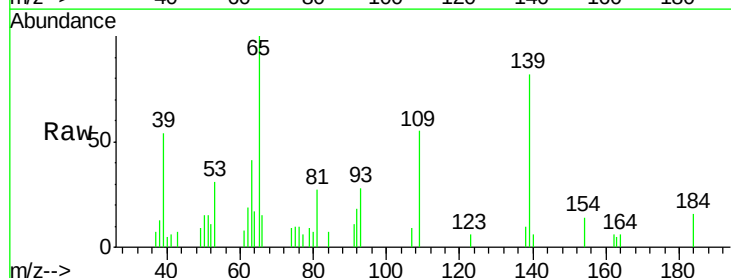
Tgt Ion:139 Resp: 13021

Ion Ratio Lower Upper

139 100

109 66.6 12.7 52.7#

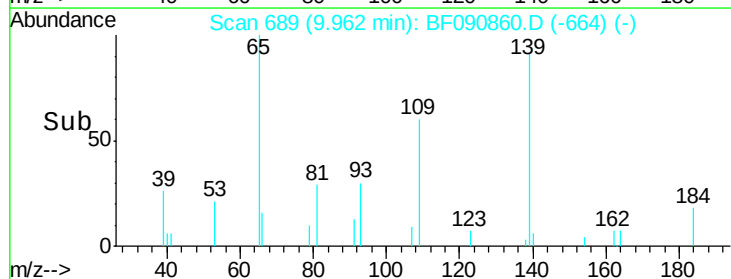
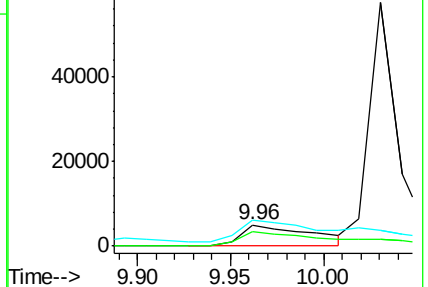
65 121.4 45.9 85.9#

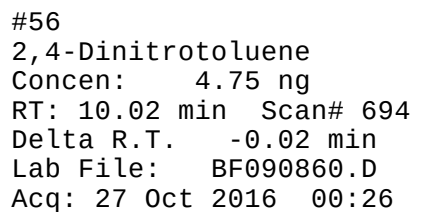


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

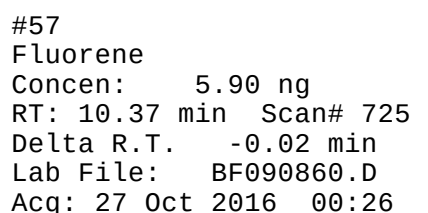
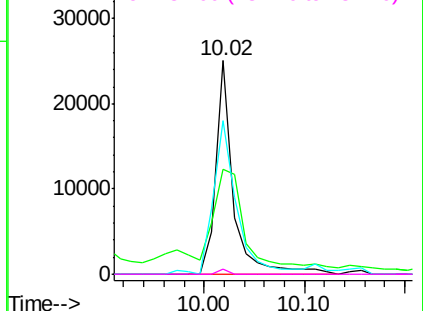
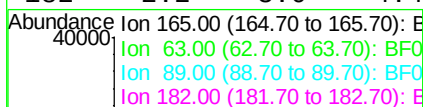
Ion 65.00 (64.70 to 65.70): BF0



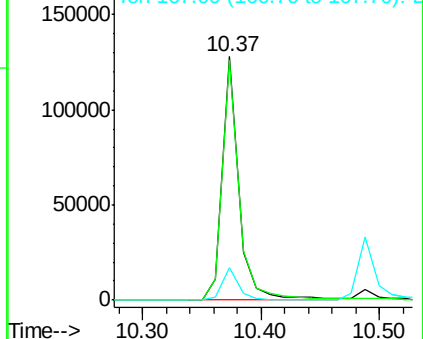
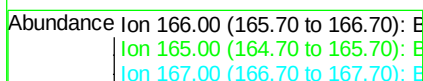


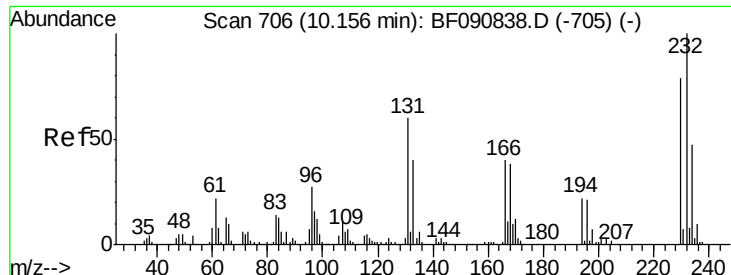
Instrument :
BNA_F
ClientSampleId :
PB94264BS

Tgt	Ion:165	Resp:	30055
Ion	Ratio	Lower	Upper
165	100		
63	49.1	29.8	44.6#
89	71.7	44.5	66.7#
182	2.2	3.0	4.4#



Tgt	Ion:166	Resp:	123072
Ion	Ratio	Lower	Upper
166	100		
165	98.7	72.6	109.0
167	13.2	10.6	16.0

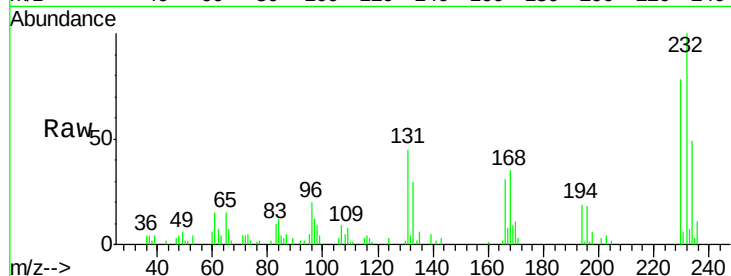




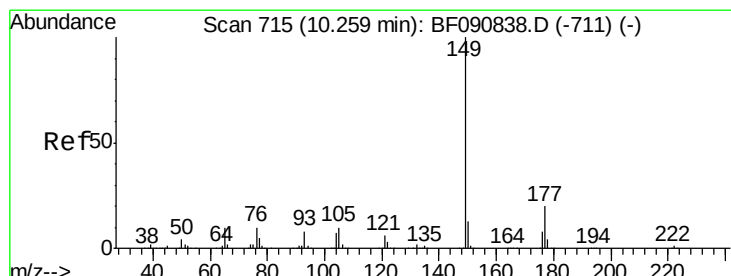
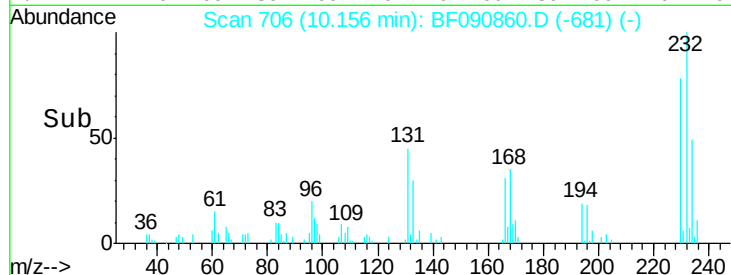
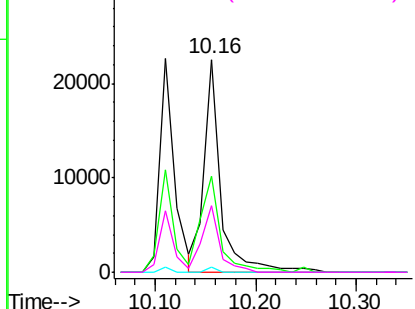
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 4.67 ng
 RT: 10.16 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: BF090860.D
 Acq: 27 Oct 2016 00:26

Instrument :
 BNA_F
 ClientSampleId :
 PB94264BS

Tgt Ion: 232 Resp: 26262
 Ion Ratio Lower Upper
 232 100
 131 54.0 38.5 57.7
 130 1.4 1.8 2.6#
 166 32.5 25.0 37.6

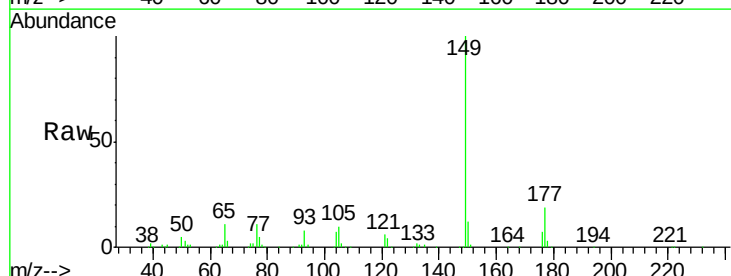


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

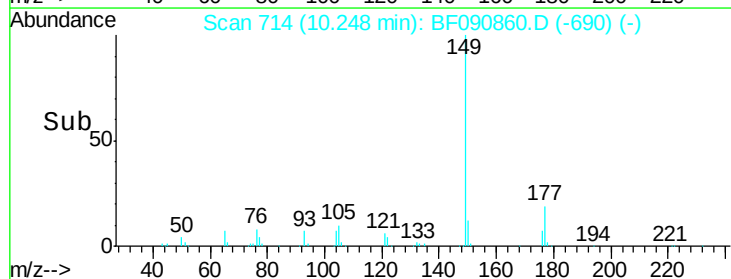
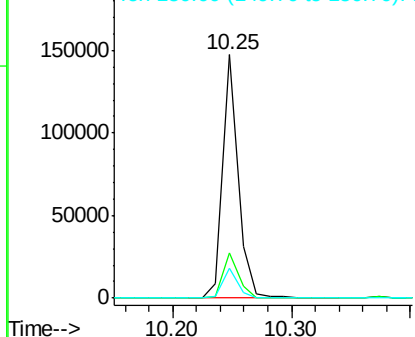


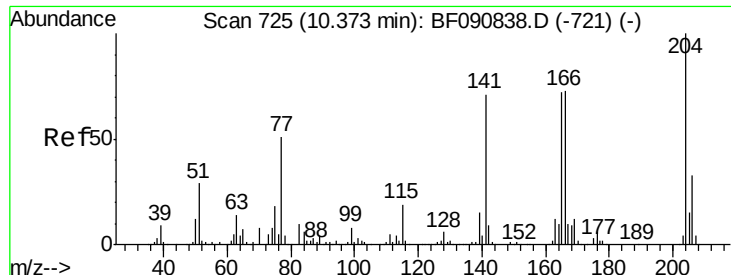
#59
 Diethylphthalate
 Concen: 5.80 ng
 RT: 10.25 min Scan# 714
 Delta R.T. -0.02 min
 Lab File: BF090860.D
 Acq: 27 Oct 2016 00:26

Tgt Ion: 149 Resp: 132876
 Ion Ratio Lower Upper
 149 100
 177 18.7 17.5 26.3
 150 12.0 9.4 14.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

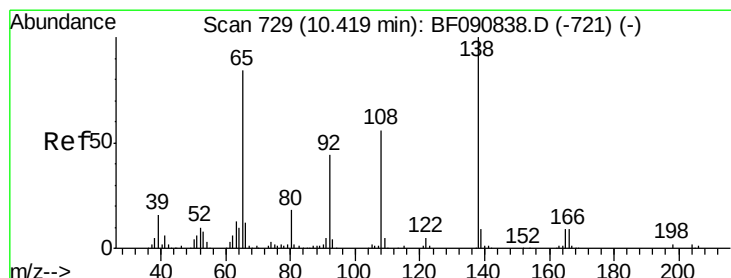
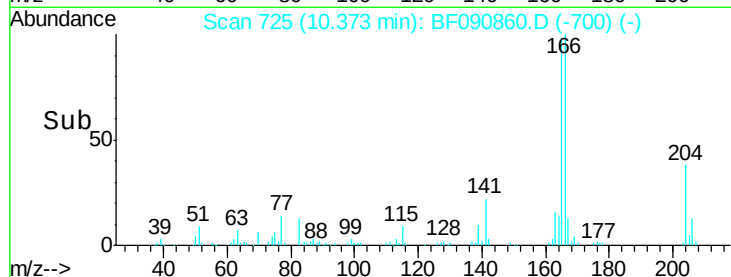
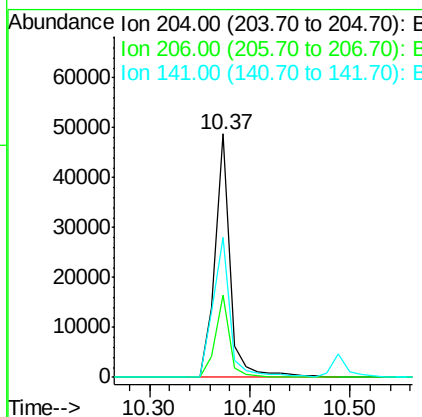
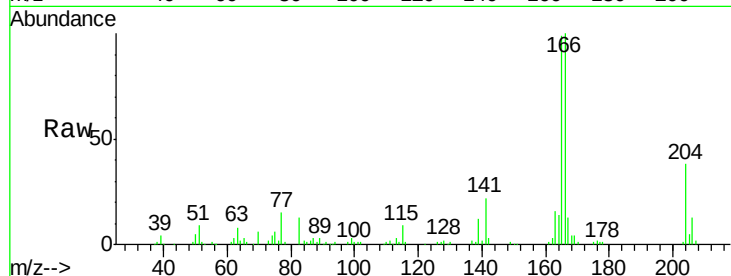




#60
 4-Chlorophenyl-phenylether
 Concen: 5.06 ng
 RT: 10.37 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: BF090860.D
 Acq: 27 Oct 2016 00:26

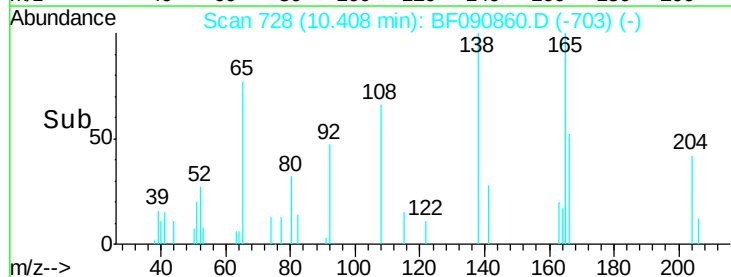
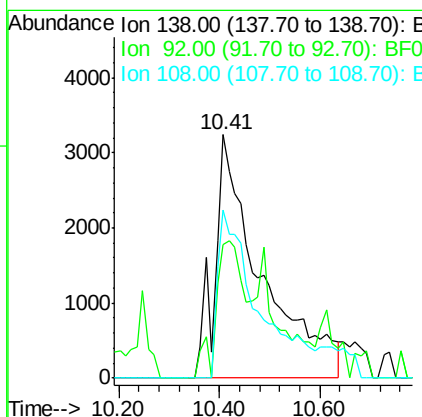
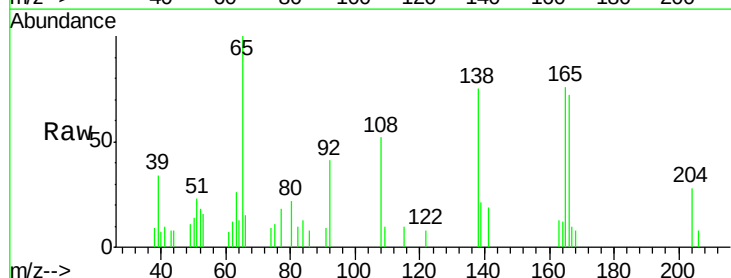
Instrument :
 BNA_F
 ClientSampleId :
 PB94264BS

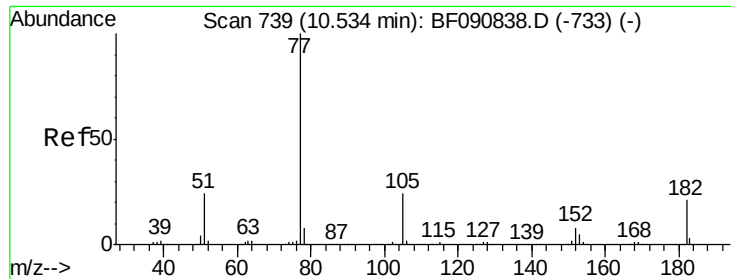
Tgt Ion:204 Resp: 51480
 Ion Ratio Lower Upper
 204 100
 206 33.8 24.8 37.2
 141 57.4 42.2 63.4



#61
 4-Nitroaniline
 Concen: 3.88 ng
 RT: 10.41 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: BF090860.D
 Acq: 27 Oct 2016 00:26

Tgt Ion:138 Resp: 20852
 Ion Ratio Lower Upper
 138 100
 92 54.7 12.6 52.6#
 108 69.0 12.4 52.4#





#62

Azobenzene

Concen: 6.41 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

Instrument :

BNA_F

ClientSampleId :

PB94264BS

Tgt Ion: 77 Resp: 144432

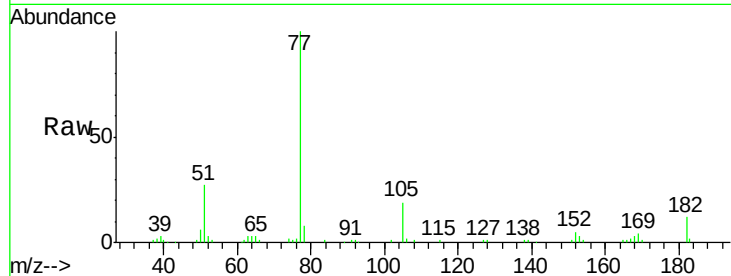
Ion Ratio Lower Upper

77 100

182 11.5 15.1 55.1#

105 19.3 3.4 43.4

51 27.4 12.0 52.0

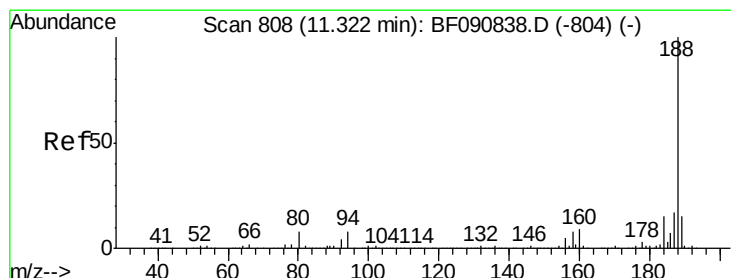
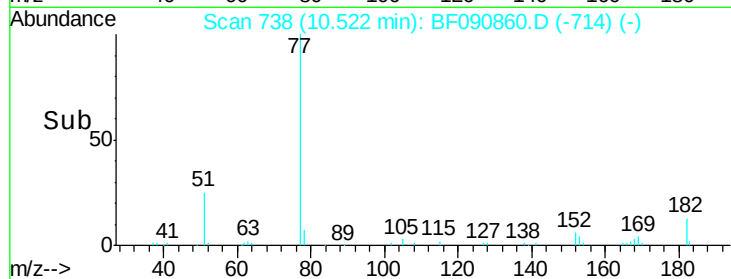
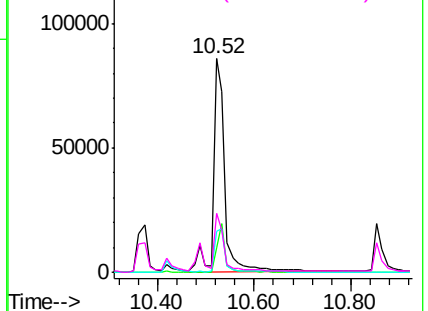


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.31 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

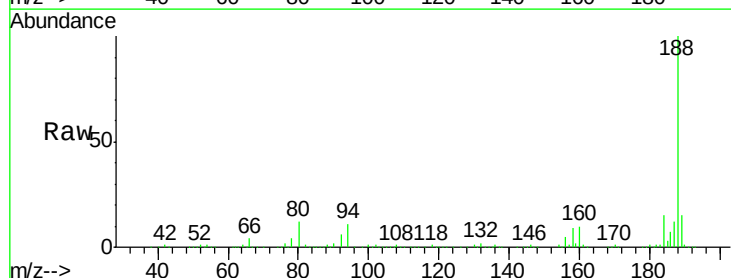
Tgt Ion: 188 Resp: 602575

Ion Ratio Lower Upper

188 100

94 10.9 11.1 16.7#

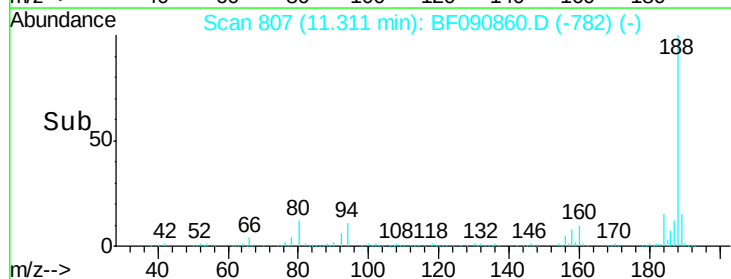
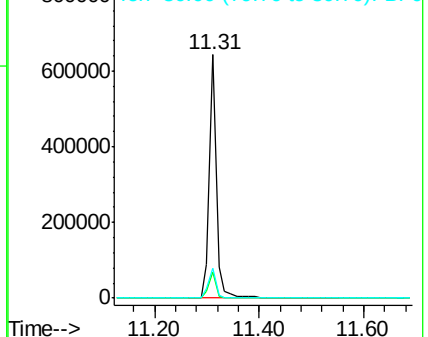
80 12.1 11.0 16.4

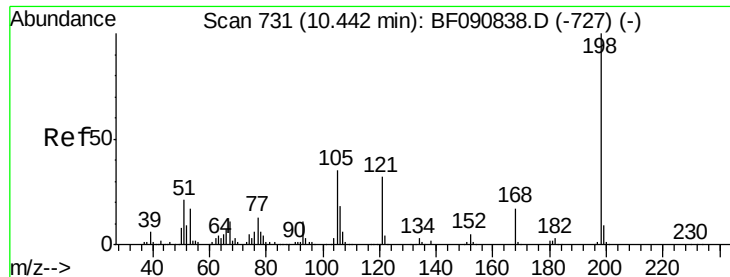


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 2.80 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

Instrument :

BNA_F

ClientSampleId :

PB94264BS

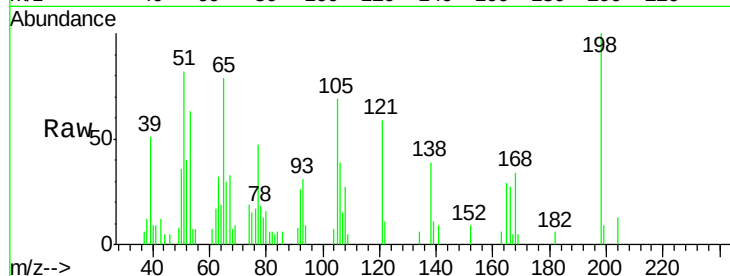
Tgt Ion:198 Resp: 11204

Ion Ratio Lower Upper

198 100

51 82.0 39.6 79.6#

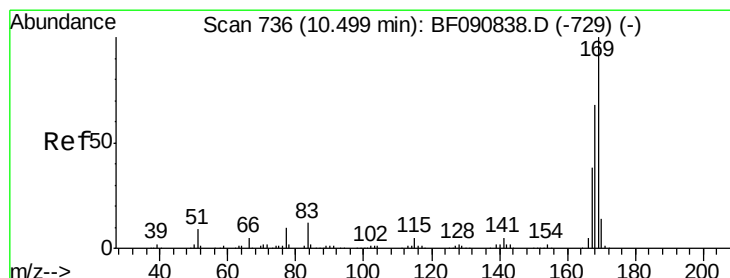
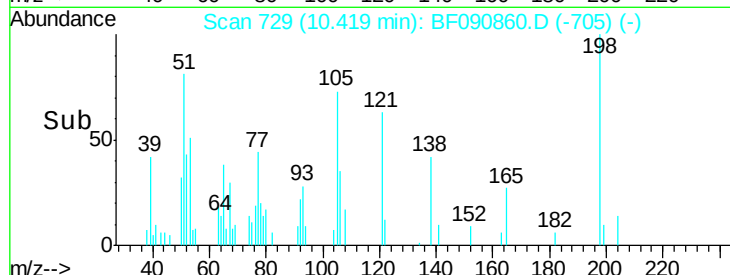
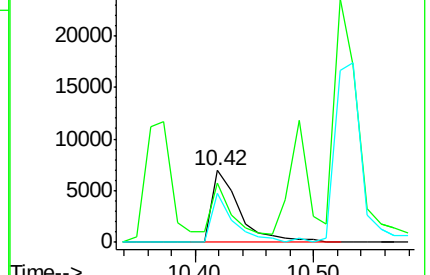
105 68.8 28.5 68.5#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 5.11 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

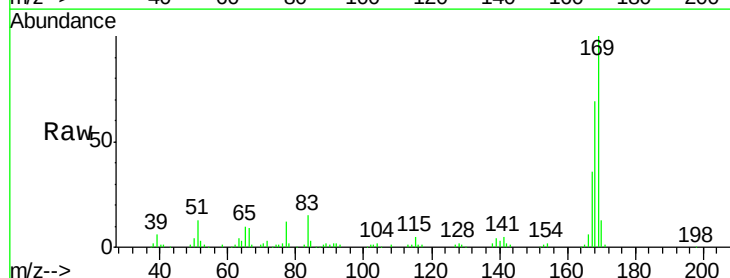
Tgt Ion:169 Resp: 94357

Ion Ratio Lower Upper

169 100

168 69.3 48.9 73.3

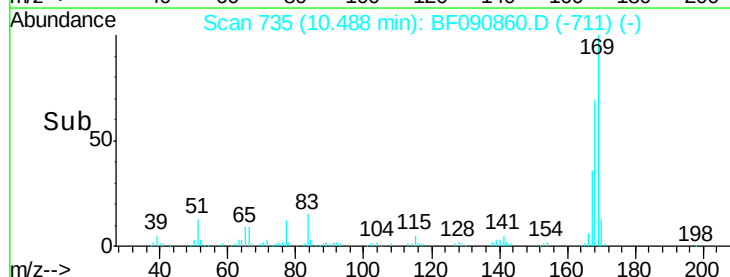
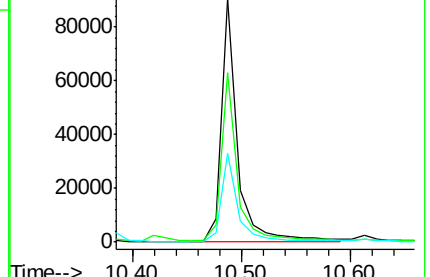
167 36.5 26.2 39.4

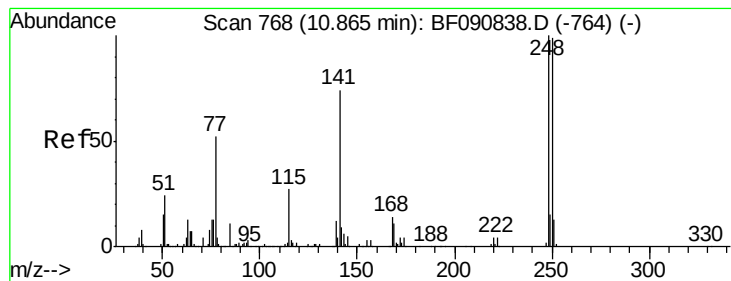


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#66

4-Bromophenyl-phenylether

Concen: 4.30 ng

RT: 10.86 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

Instrument :

BNA_F

ClientSampleId :

PB94264BS

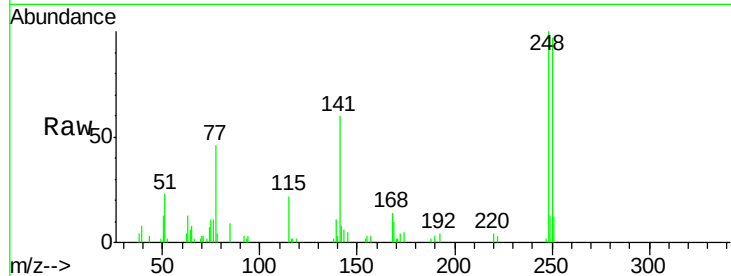
Tgt Ion:248 Resp: 28351

Ion Ratio Lower Upper

248 100

250 96.8 78.5 117.7

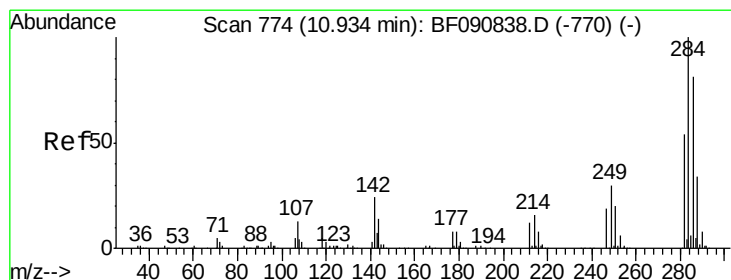
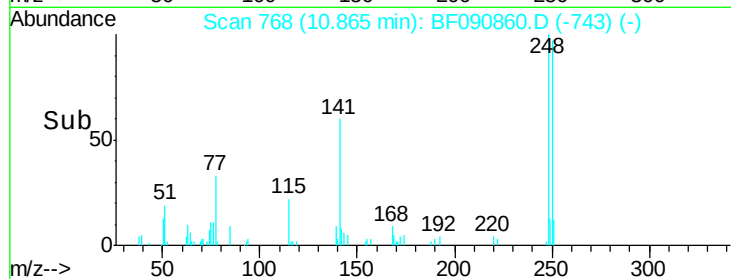
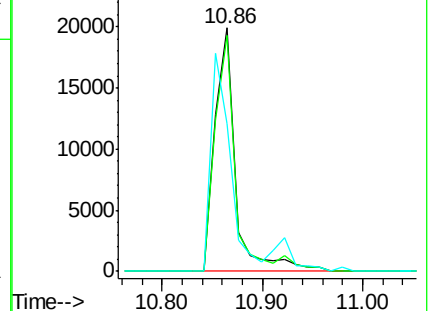
141 60.4 59.0 88.6



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



#67

Hexachlorobenzene

Concen: 4.57 ng

RT: 10.92 min Scan# 773

Delta R.T. -0.02 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

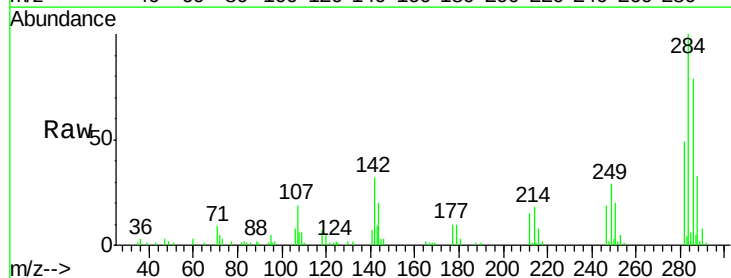
Tgt Ion:284 Resp: 35661

Ion Ratio Lower Upper

284 100

142 31.7 29.5 44.3

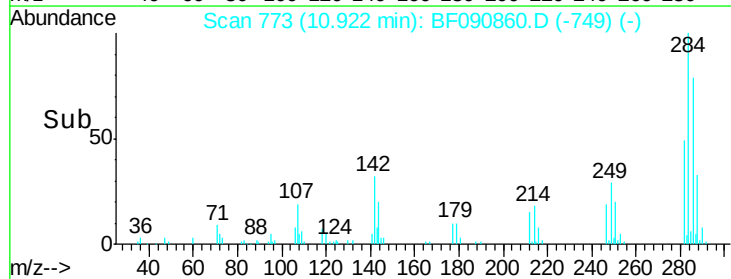
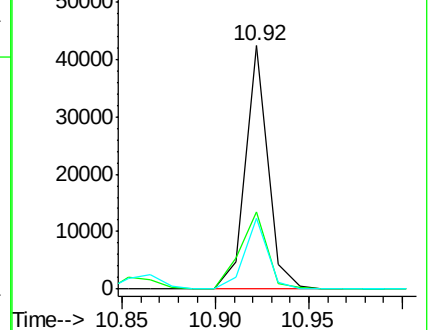
249 29.0 19.5 29.3

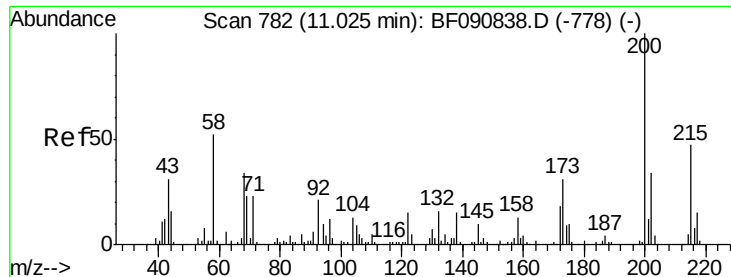


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

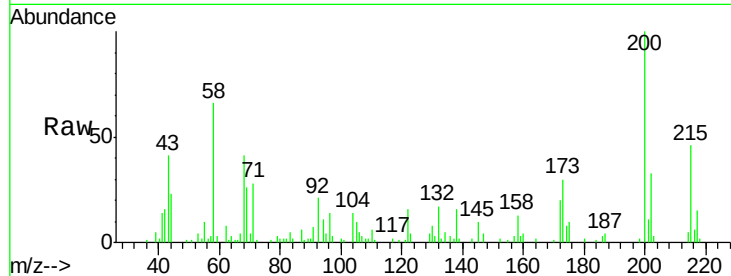




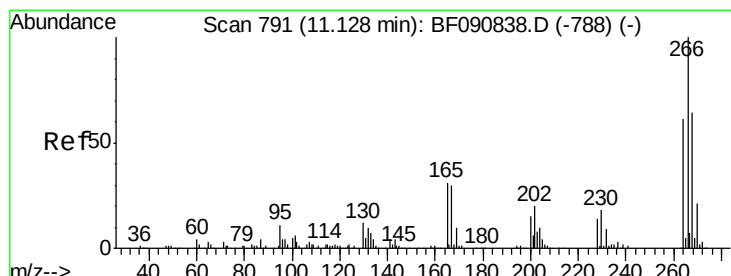
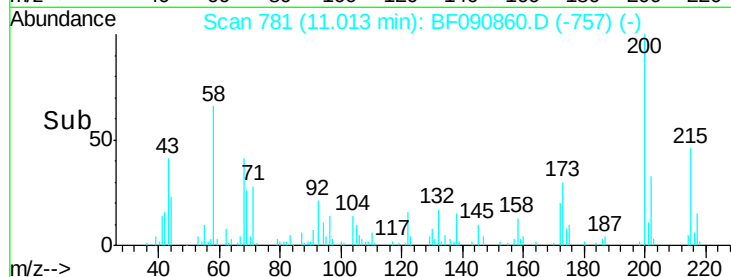
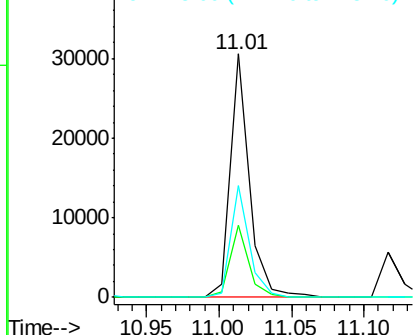
#68
Atrazine
Concen: 4.89 ng
RT: 11.01 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Instrument :
BNA_F
ClientSampleId :
PB94264BS

Tgt Ion:200 Resp: 27941
Ion Ratio Lower Upper
200 100
173 29.6 13.2 53.2
215 45.8 41.8 81.8

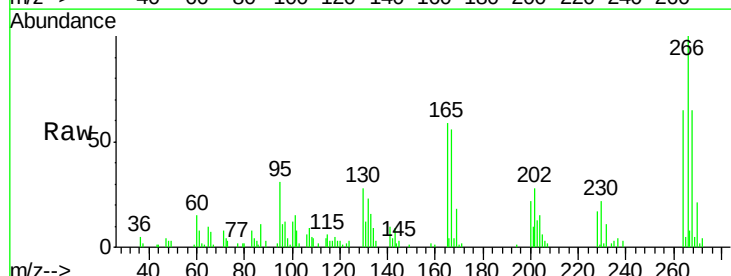


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

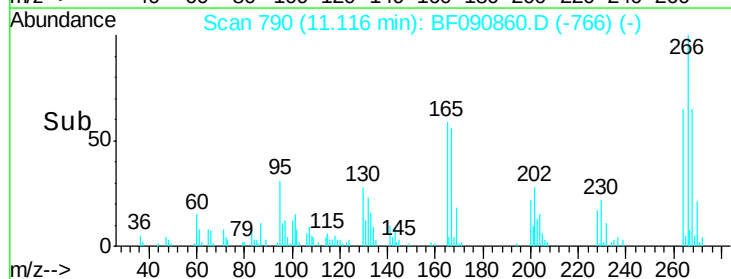
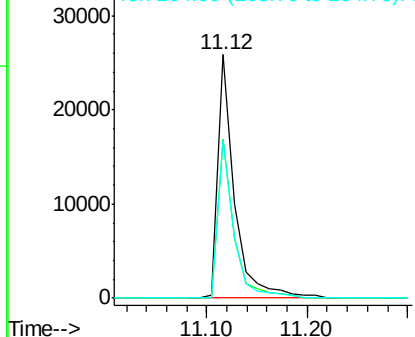


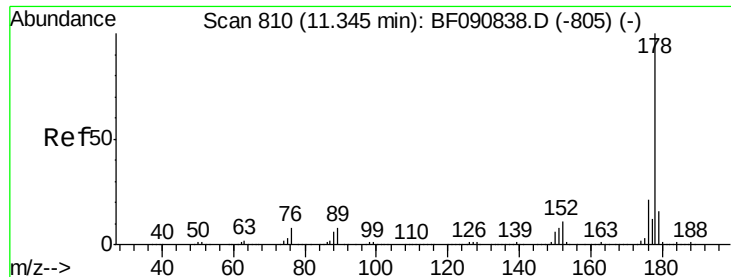
#69
Pentachlorophenol
Concen: 7.11 ng
RT: 11.12 min Scan# 790
Delta R.T. -0.02 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Tgt Ion:266 Resp: 29771
Ion Ratio Lower Upper
266 100
268 65.4 49.8 74.6
264 65.1 50.2 75.2



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

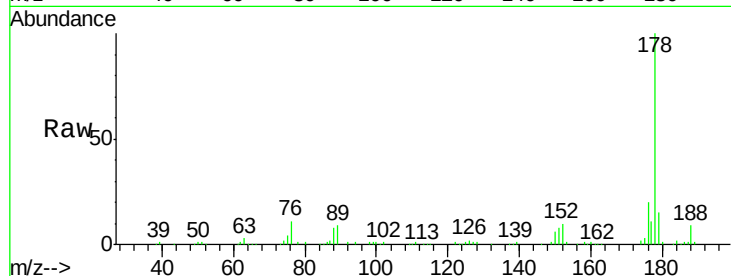




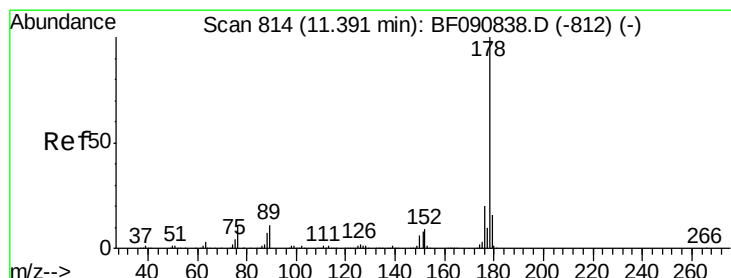
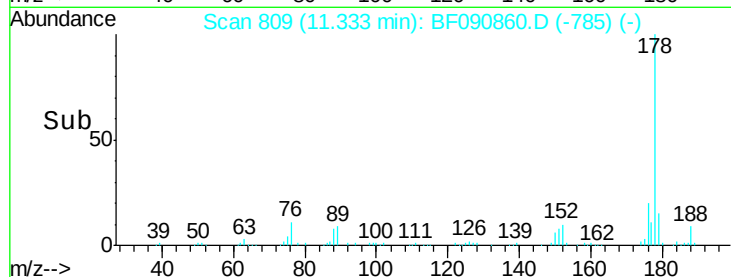
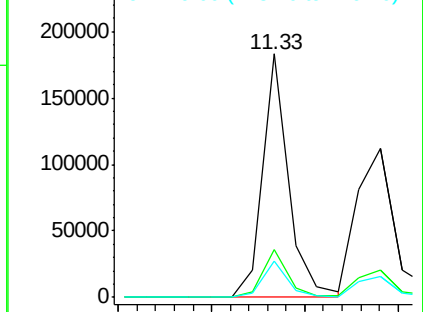
#70
Phenanthrene
Concen: 5.71 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.02 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Instrument :
BNA_F
ClientSampleId :
PB94264BS

Tgt Ion:178 Resp: 175223
Ion Ratio Lower Upper
178 100
176 19.6 13.8 20.8
179 15.0 12.2 18.2

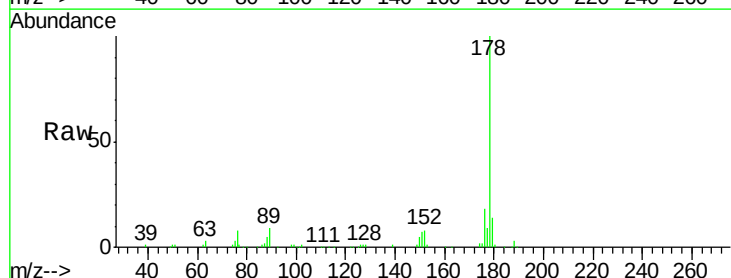


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

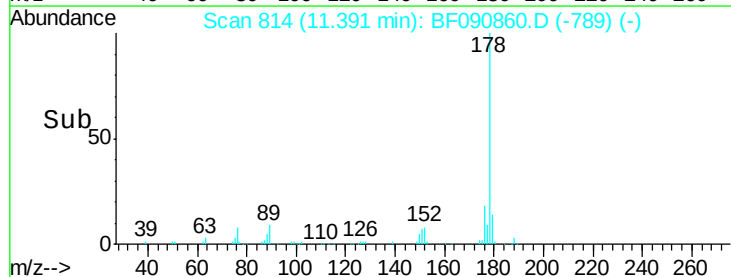
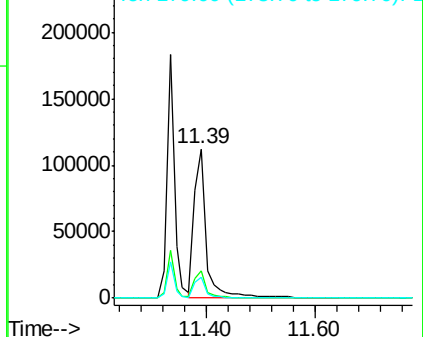


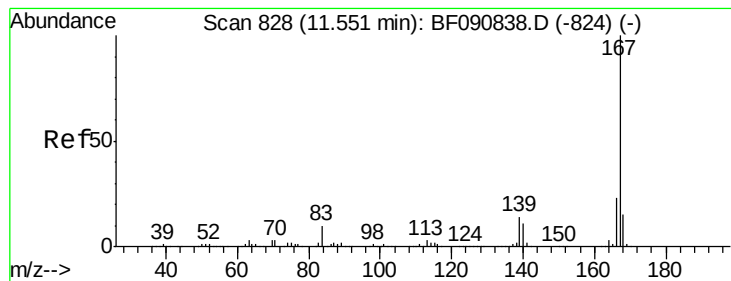
#71
Anthracene
Concen: 5.30 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Tgt Ion:178 Resp: 171234
Ion Ratio Lower Upper
178 100
176 18.1 14.1 21.1
179 14.4 12.2 18.2



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





#72

Carbazole

Concen: 5.01 ng

RT: 11.55 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

Instrument :

BNA_F

ClientSampleId :

PB94264BS

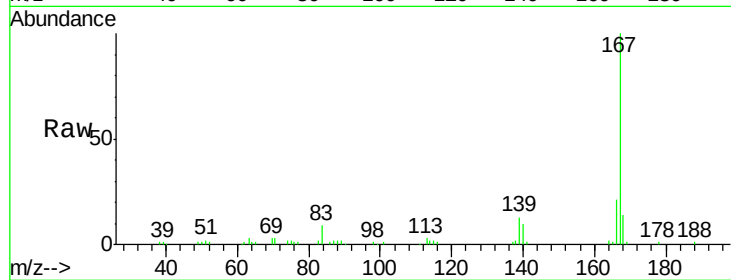
Tgt Ion:167 Resp: 142901

Ion Ratio Lower Upper

167 100

166 21.5 15.7 23.5

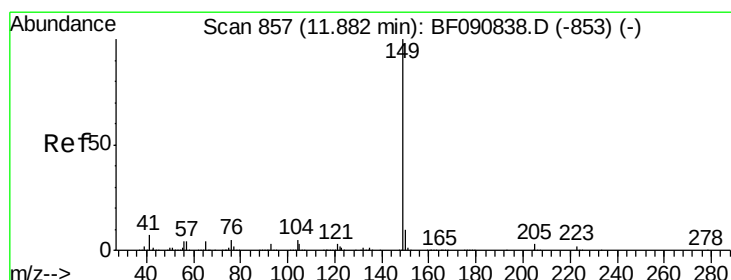
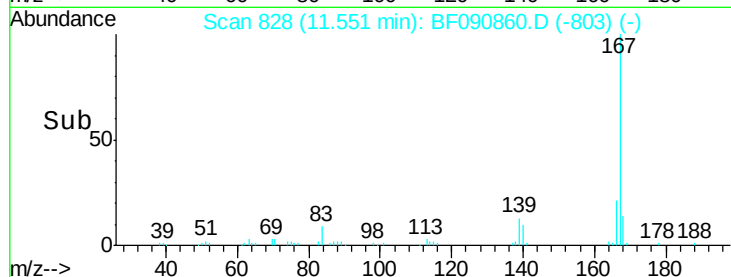
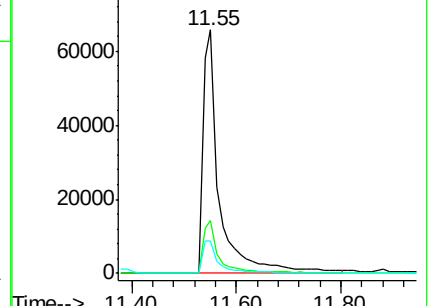
139 13.2 9.5 14.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 5.71 ng

RT: 11.88 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

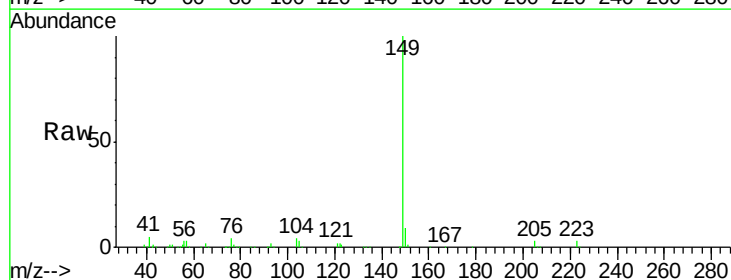
Tgt Ion:149 Resp: 210046

Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.2

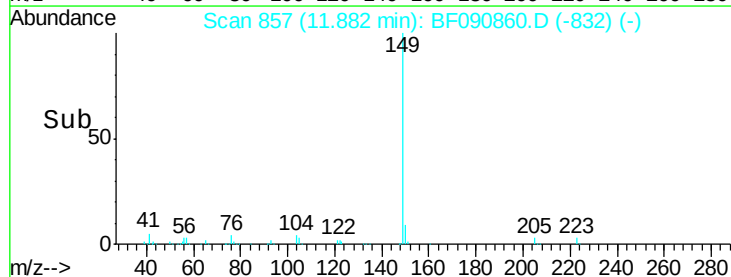
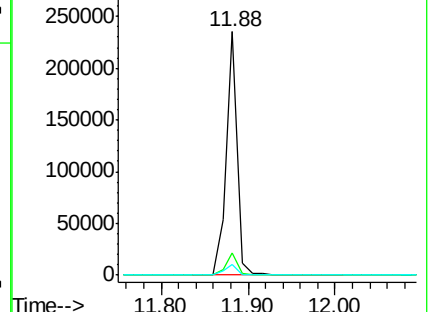
104 4.3 2.4 3.6#

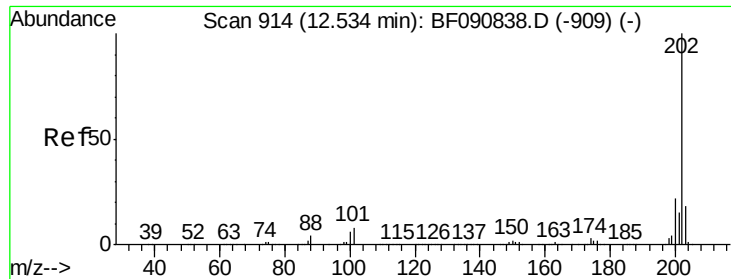


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

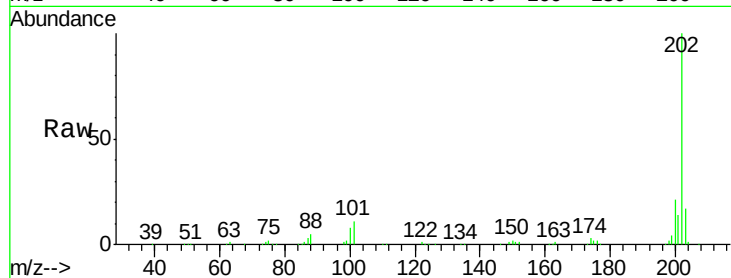




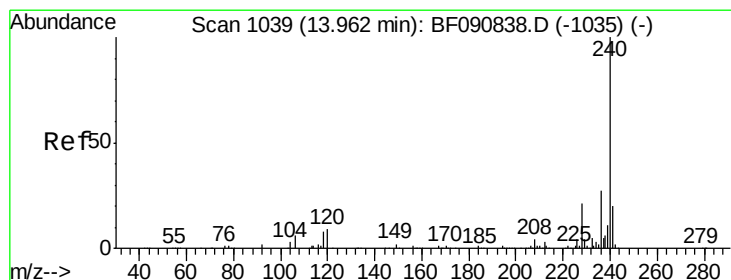
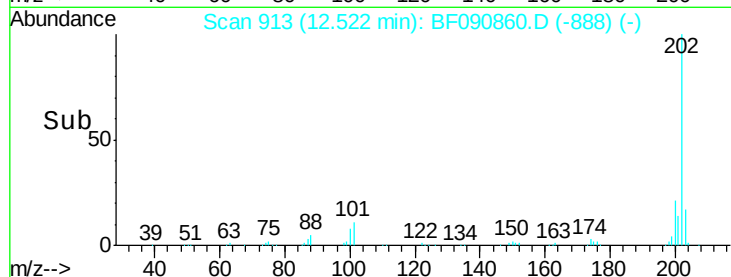
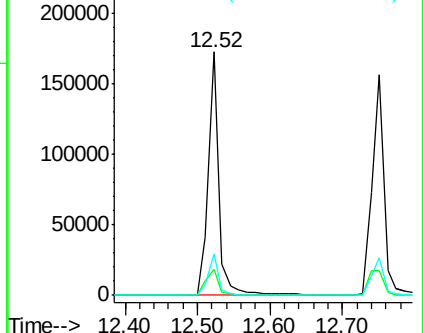
#74
 Fluoranthene
 Concen: 5.27 ng
 RT: 12.52 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF090860.D
 Acq: 27 Oct 2016 00:26

Instrument :
 BNA_F
 ClientSampleId :
 PB94264BS

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	38.3
203	17.2	0.0	37.3

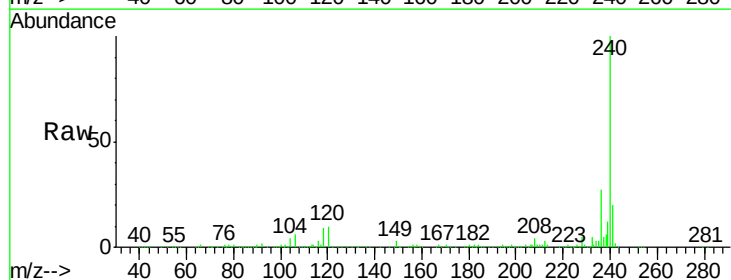


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

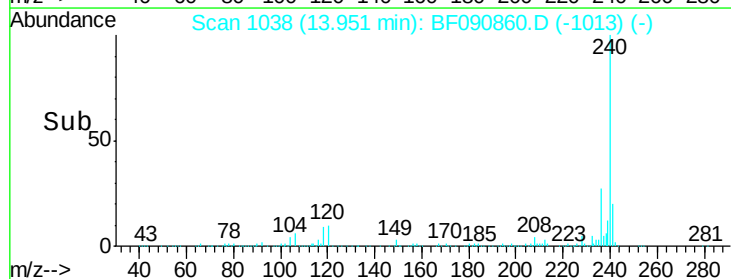
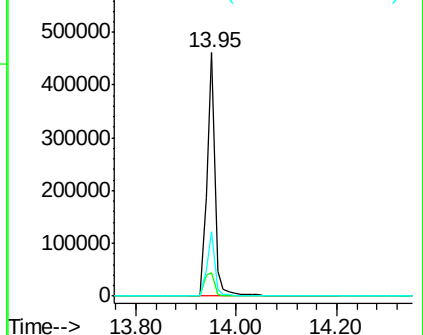


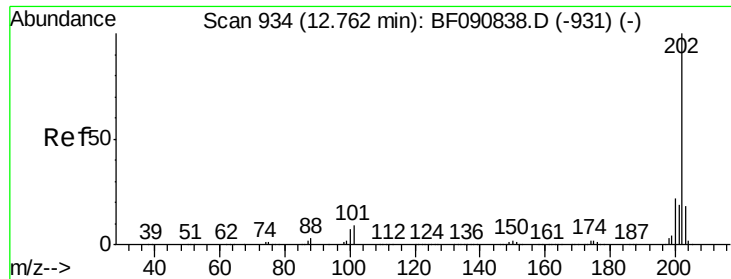
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF090860.D
 Acq: 27 Oct 2016 00:26

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.7	16.2	24.2#
236	26.6	18.4	27.6



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

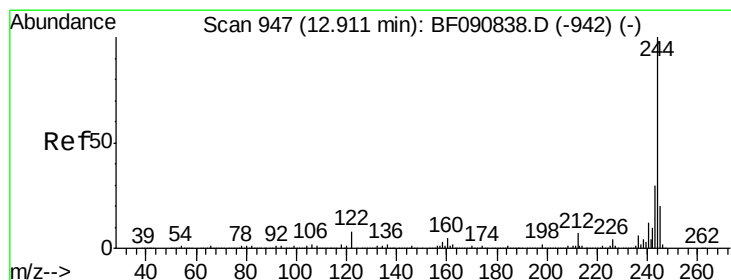
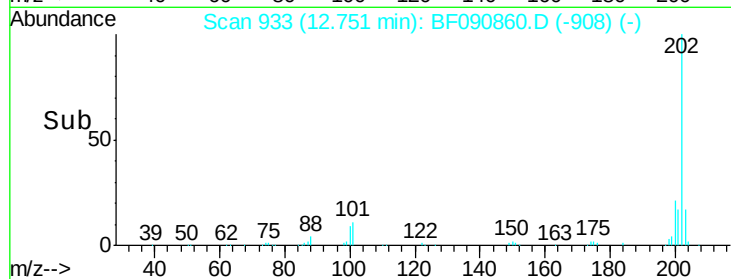
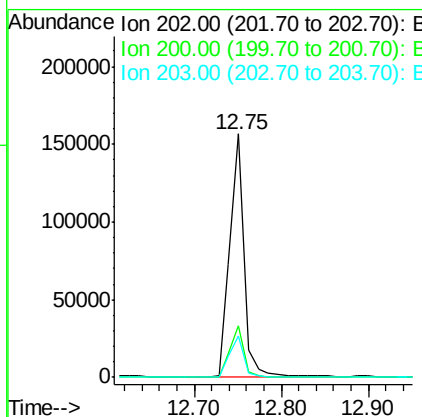
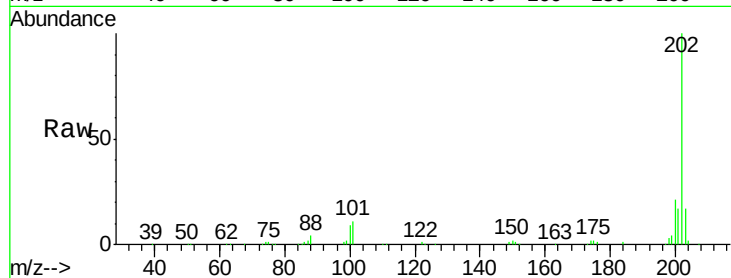




#77
 Pyrene
 Concen: 5.47 ng
 RT: 12.75 min Scan# 933
 Delta R.T. -0.01 min
 Lab File: BF090860.D
 Acq: 27 Oct 2016 00:26

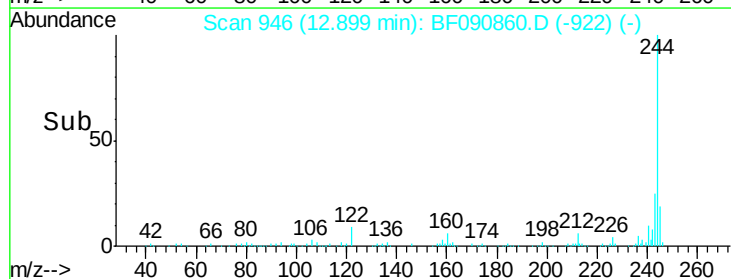
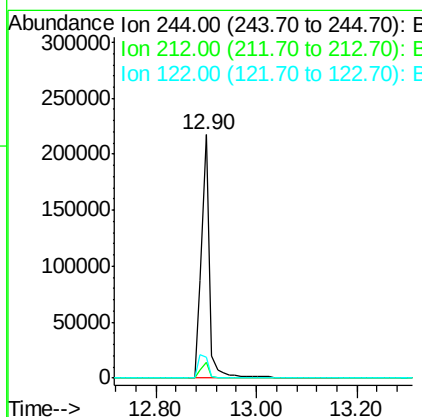
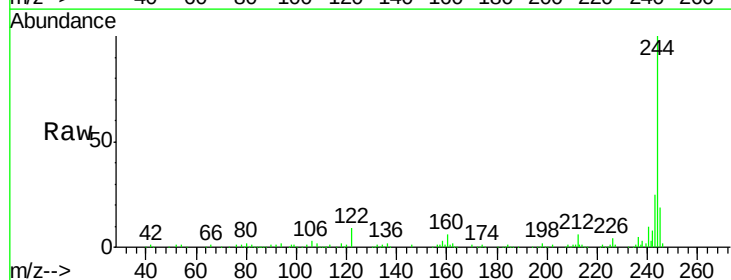
Instrument :
 BNA_F
 ClientSampleId :
 PB94264BS

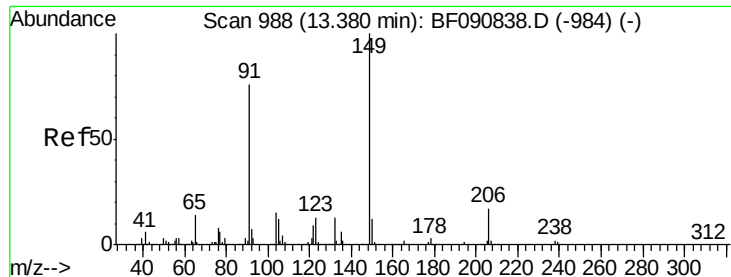
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	15.0	22.4
203	16.8	14.1	21.1



#78
 Terphenyl-d14
 Concen: 11.93 ng
 RT: 12.90 min Scan# 946
 Delta R.T. -0.02 min
 Lab File: BF090860.D
 Acq: 27 Oct 2016 00:26

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.3	4.3	6.5
122	8.7	17.4	26.2

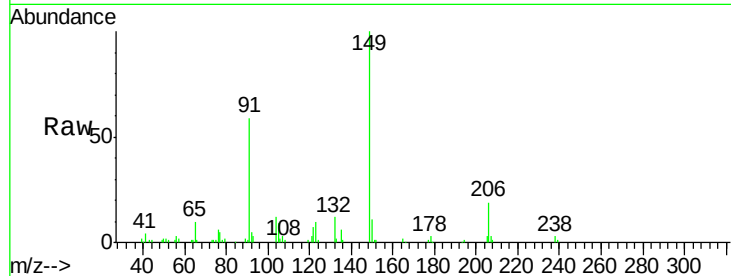




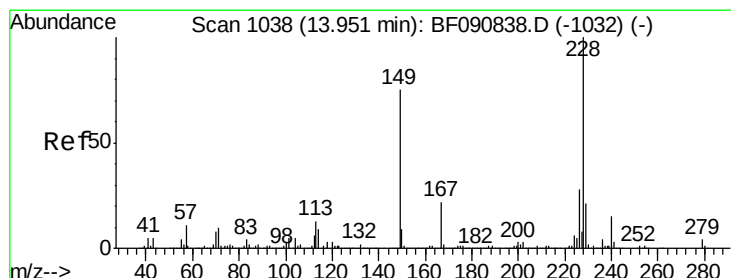
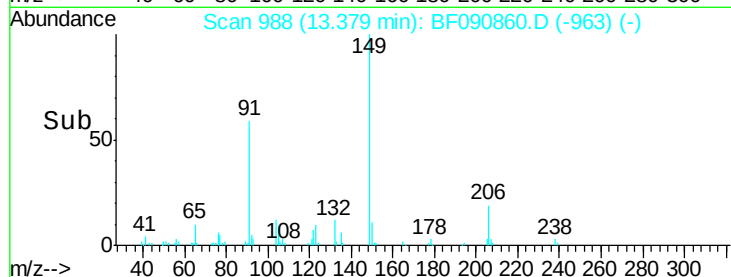
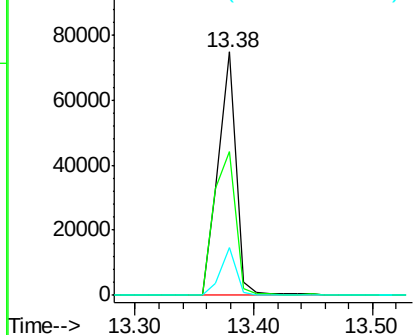
#79
Butylbenzylphthalate
Concen: 5.28 ng
RT: 13.38 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Instrument :
BNA_F
ClientSampleId :
PB94264BS

Tgt Ion	Ratio	Lower	Upper
149	100		
91	59.0	48.6	72.8
206	19.5	14.9	22.3

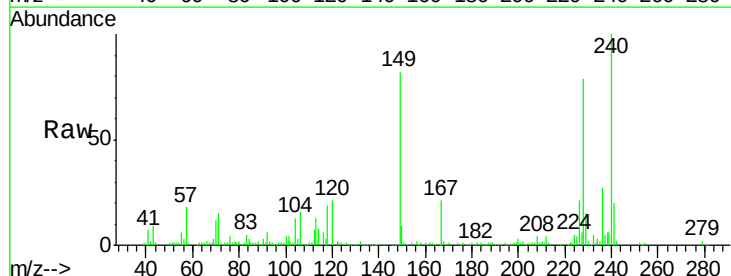


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

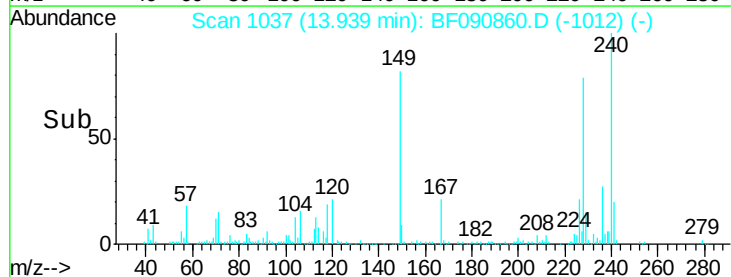
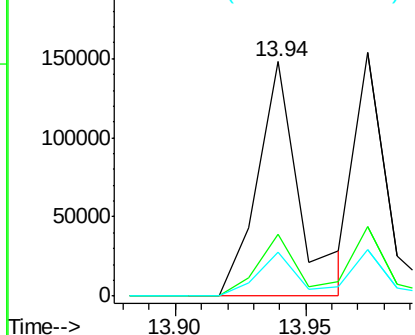


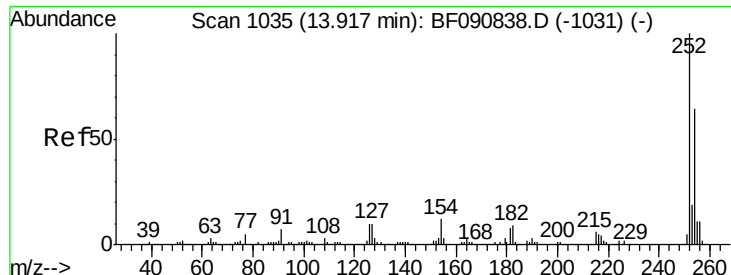
#80
Benzo(a)anthracene
Concen: 6.06 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.2	20.0	30.0
229	18.7	15.4	23.2



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

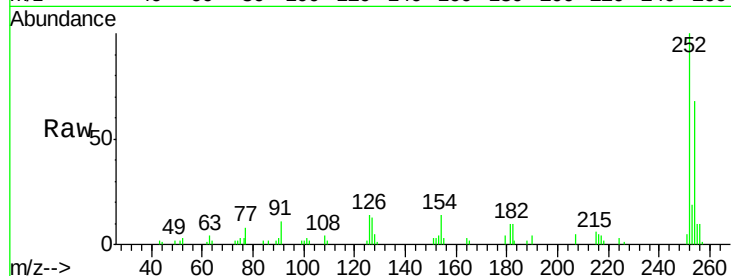




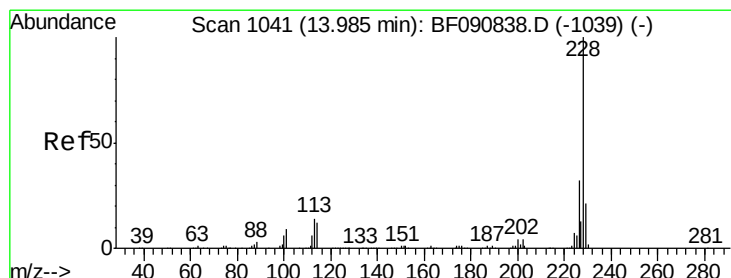
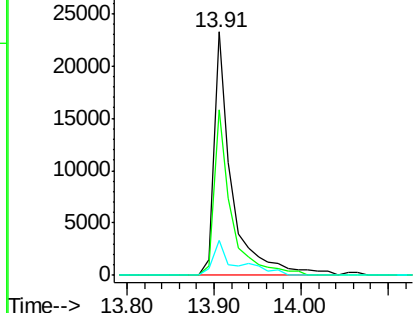
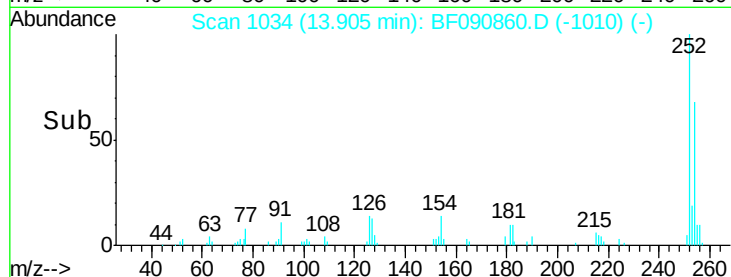
#81
 3,3'-Dichlorobenzidine
 Concen: 3.16 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.02 min
 Lab File: BF090860.D
 Acq: 27 Oct 2016 00:26

Instrument :
 BNA_F
 ClientSampleId :
 PB94264BS

Tgt Ion:252 Resp: 33449
 Ion Ratio Lower Upper
 252 100
 254 67.9 51.4 77.2
 126 14.2 16.4 24.6#

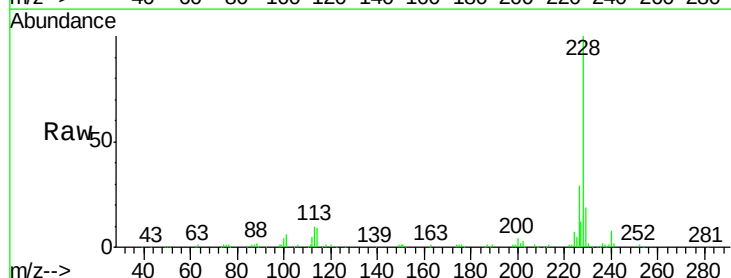


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

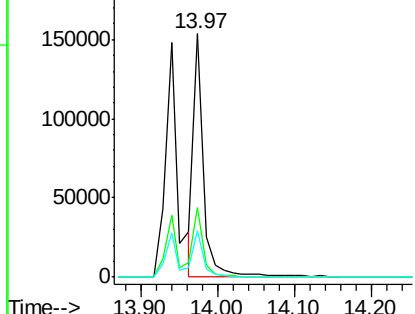
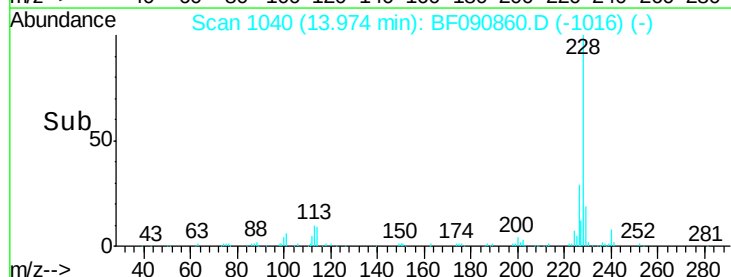


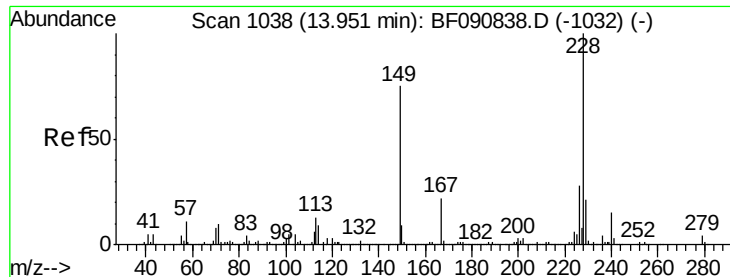
#82
 Chrysene
 Concen: 5.01 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.02 min
 Lab File: BF090860.D
 Acq: 27 Oct 2016 00:26

Tgt Ion:228 Resp: 138396
 Ion Ratio Lower Upper
 228 100
 226 28.8 21.0 31.4
 229 19.2 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 6.54 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

Instrument :

BNA_F

ClientSampleId :

PB94264BS

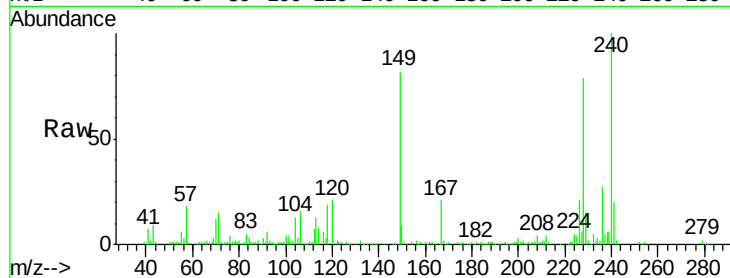
Tgt Ion:149 Resp: 125798

Ion Ratio Lower Upper

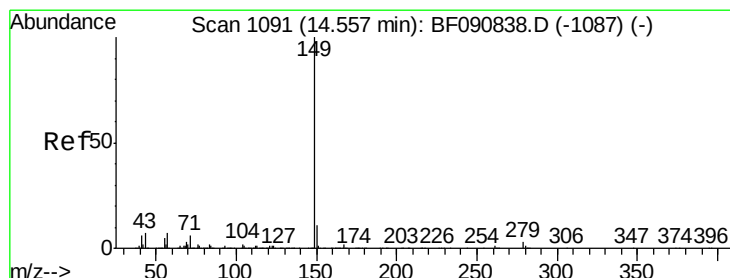
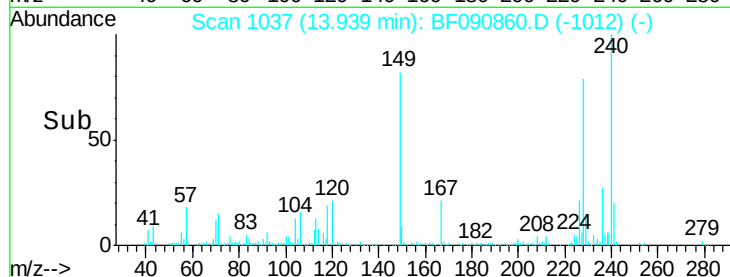
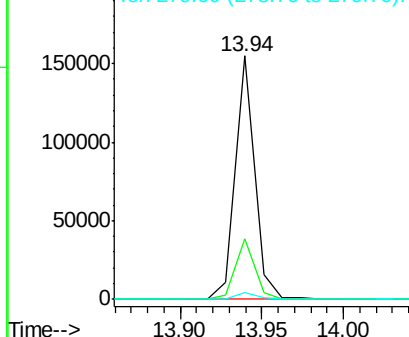
149 100

167 24.9 24.2 36.2

279 2.6 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 5.48 ng

RT: 14.55 min Scan# 1090

Delta R.T. -0.02 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

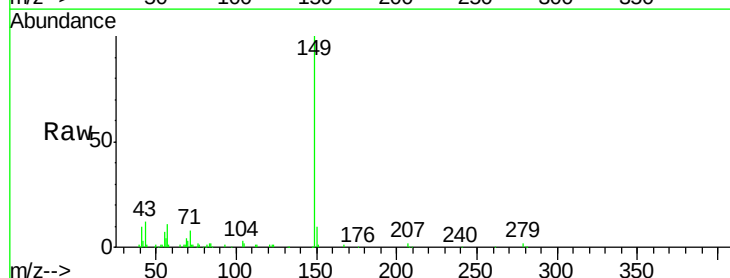
Tgt Ion:149 Resp: 176861

Ion Ratio Lower Upper

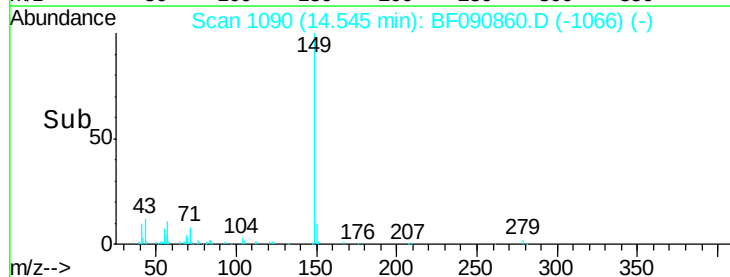
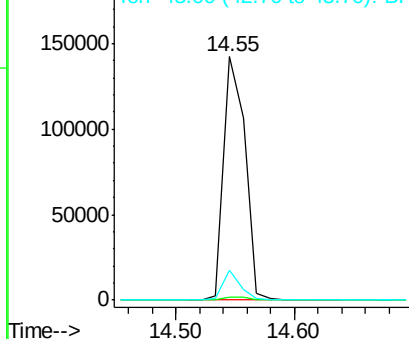
149 100

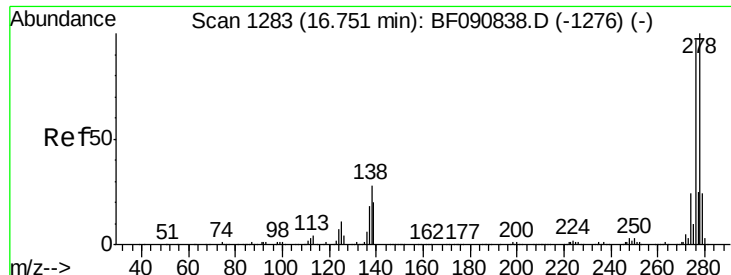
167 1.4 1.0 1.6

43 9.8 10.2 15.2#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

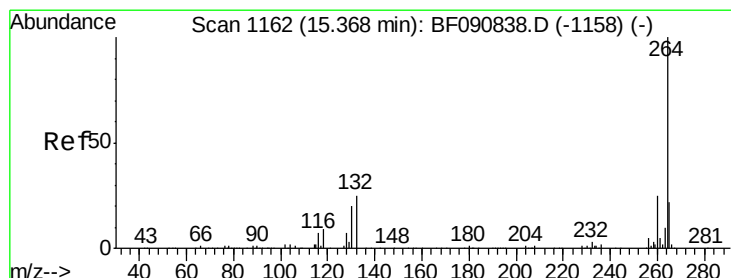
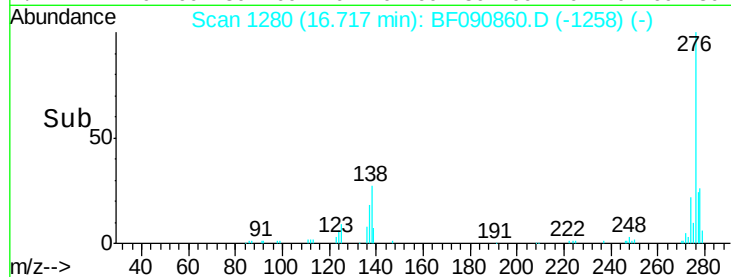
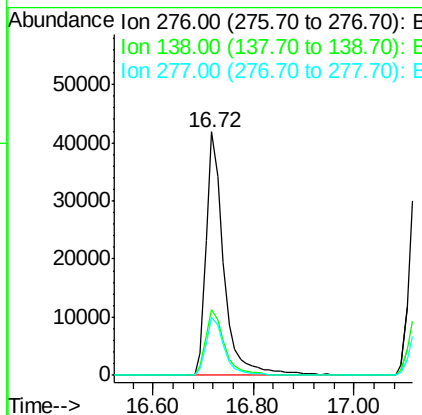
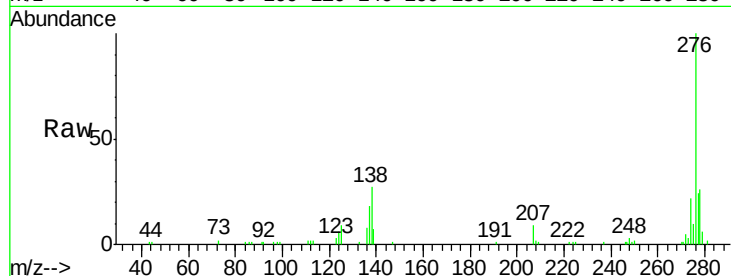




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 4.19 ng
 RT: 16.72 min Scan# 1280
 Delta R.T. -0.05 min
 Lab File: BF090860.D
 Acq: 27 Oct 2016 00:26

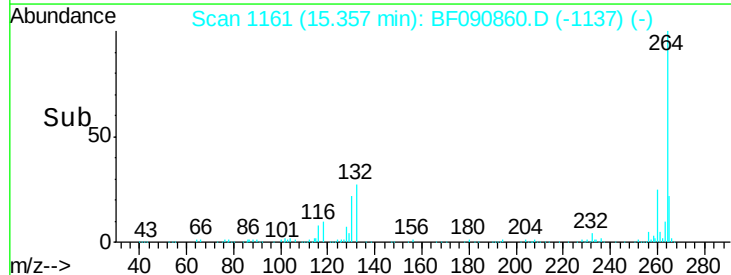
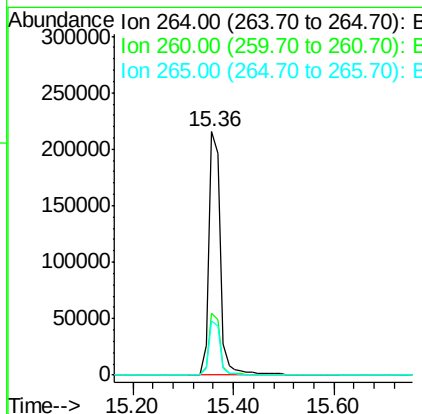
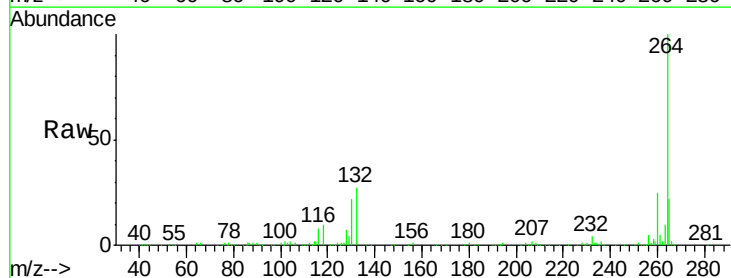
Instrument :
 BNA_F
 ClientSampled :
 PB94264BS

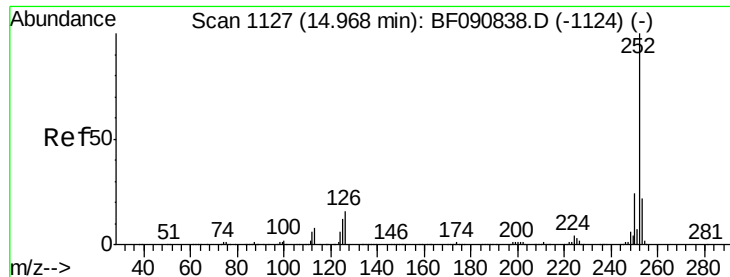
Tgt Ion: 276 Resp: 102515
 Ion Ratio Lower Upper
 276 100
 138 28.8 25.7 38.5
 277 24.4 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. -0.02 min
 Lab File: BF090860.D
 Acq: 27 Oct 2016 00:26

Tgt Ion: 264 Resp: 343166
 Ion Ratio Lower Upper
 264 100
 260 25.4 16.7 25.1#
 265 22.3 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 9.67 ng

RT: 14.96 min Scan# 1126

Delta R.T. -0.02 min

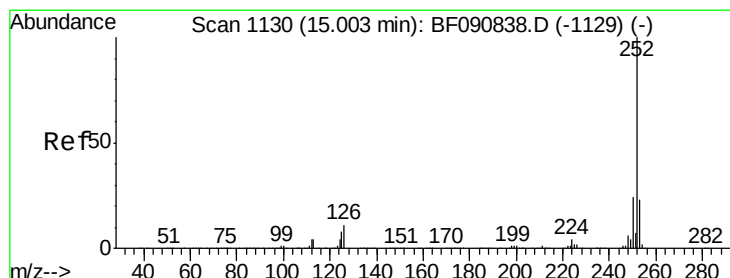
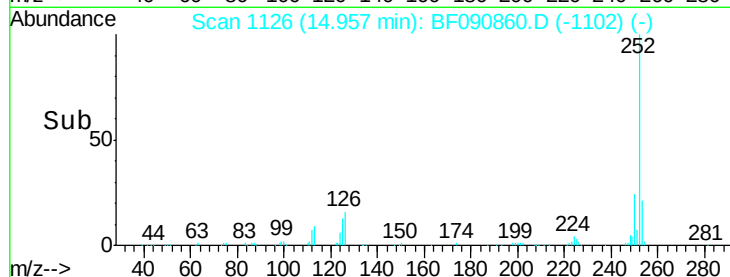
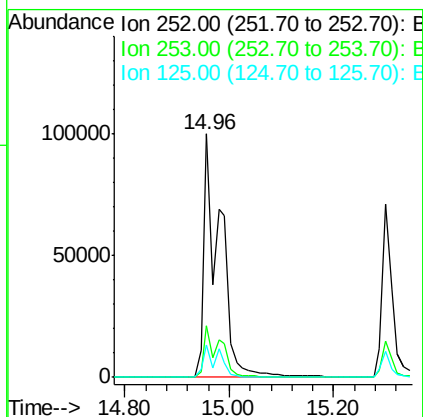
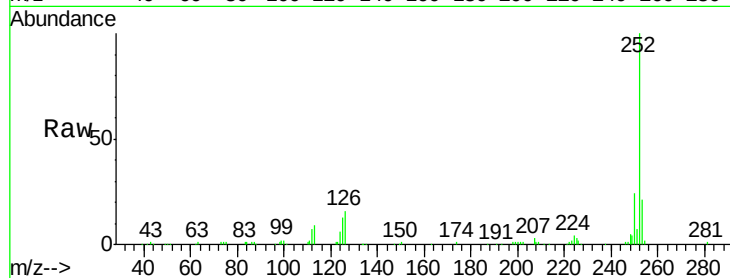
Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

Instrument :
BNA_F
ClientSampleId :
PB94264BS

Tgt Ion: 252 Resp: 223068

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.5	26.3
125	13.2	17.1	25.7#



#88

Benzo(k)fluoranthene

Concen: 12.23 ng

RT: 14.96 min Scan# 1126

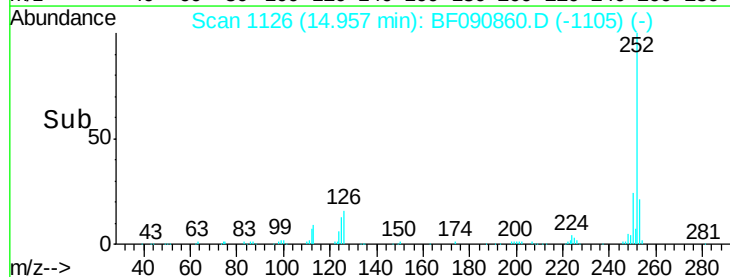
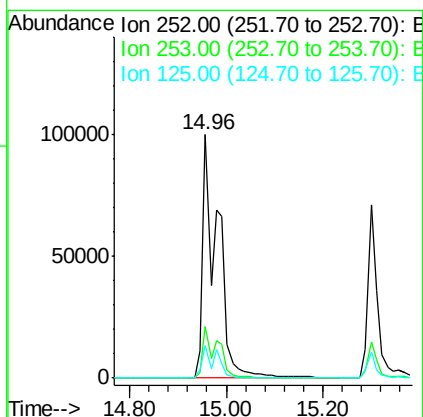
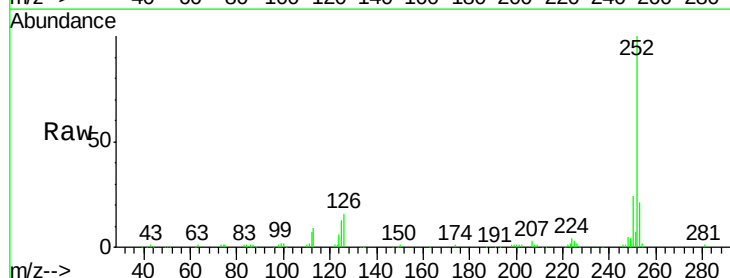
Delta R.T. -0.06 min

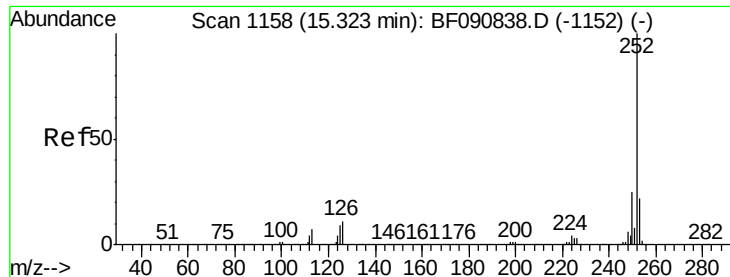
Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

Tgt Ion: 252 Resp: 223061

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.0	25.4
125	13.2	16.0	24.0#





#89

Benzo(a)pyrene

Concen: 5.24 ng

RT: 15.30 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

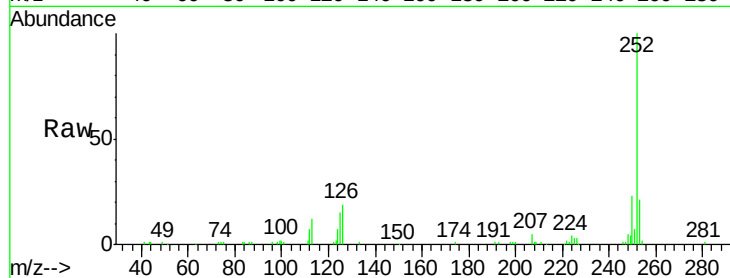
Instrument :

BNA_F

ClientSampleId :

PB94264BS

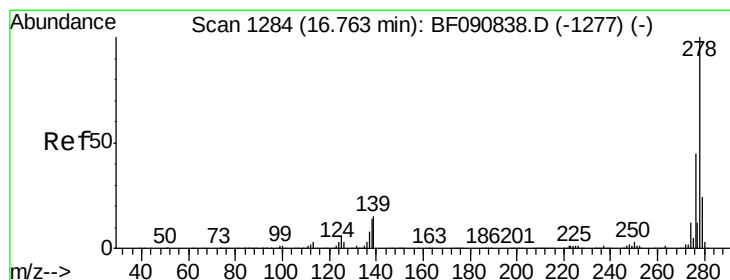
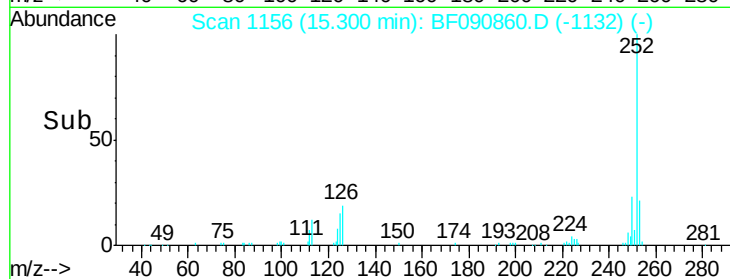
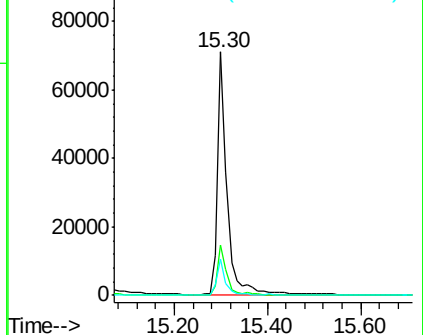
Tgt Ion:	252	Resp:	103877
Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.2	25.8
125	15.0	18.0	27.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 5.09 ng

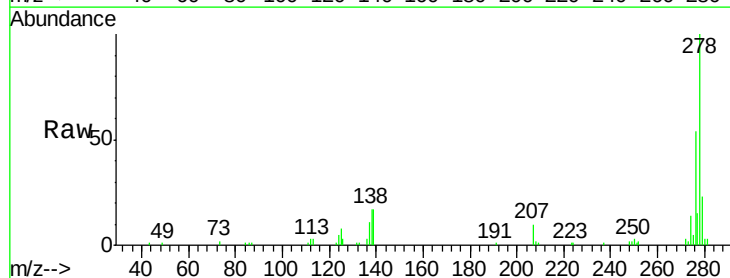
RT: 16.74 min Scan# 1282

Delta R.T. -0.03 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

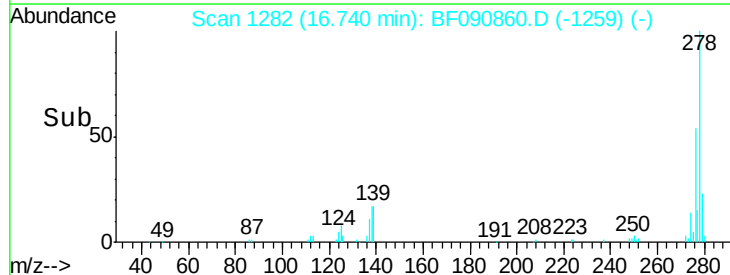
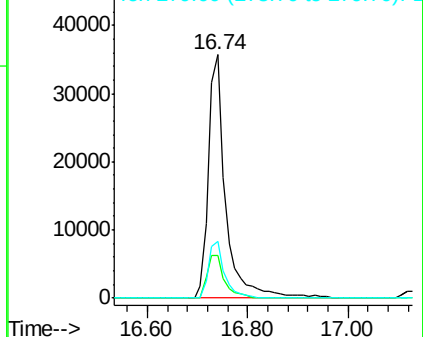
Tgt Ion:	278	Resp:	85423
Ion	Ratio	Lower	Upper
278	100		
139	17.4	26.3	39.5#
279	23.4	18.2	27.4

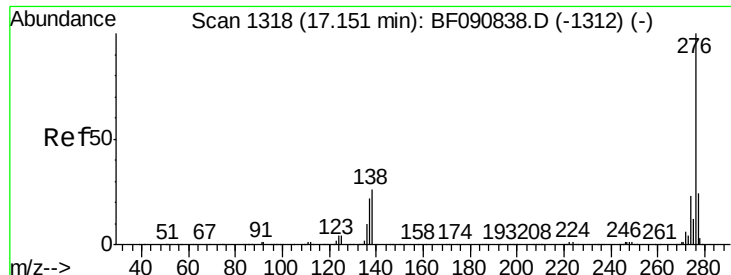


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 5.14 ng

RT: 17.13 min Scan# 1316

Delta R.T. -0.03 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

Instrument :

BNA_F

ClientSampleId :

PB94264BS

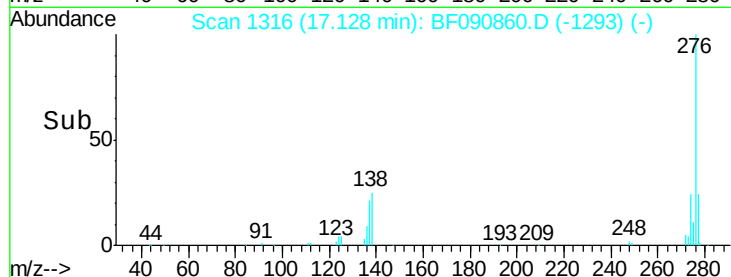
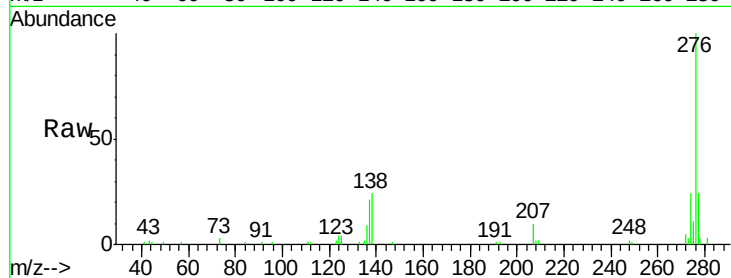
Tgt Ion:276 Resp: 81183

Ion Ratio Lower Upper

276 100

277 24.1 17.8 26.6

138 24.2 34.6 51.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

