

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020216\
 Data File : BF084762.D
 Acq On : 3 Feb 2016 00:13
 Operator : SJ/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 03 02:48:12 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 01 14:55:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	172976	20.00	ng	-0.03
21) Naphthalene-d8	7.98	136	714556	20.00	ng	-0.03
38) Acenaphthene-d10	9.74	164	337044	20.00	ng	-0.02
63) Phenanthrene-d10	11.22	188	632100	20.00	ng	-0.02
75) Chrysene-d12	13.85	240	427906	20.00	ng	-0.02
86) Perylene-d12	15.22	264	351099	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	931205	83.85	ng	-0.02
7) Phenol-d6	6.35	99	1066237	77.45	ng	-0.02
23) Nitrobenzene-d5	7.28	82	1068517	84.24	ng	-0.02
41) 2,4,6-Tribromophenol	10.53	330	293714	83.54	ng	-0.02
44) 2-Fluorobiphenyl	9.07	172	1790100	91.97	ng	-0.02
78) Terphenyl-d14	12.81	244	1705764	90.33	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.19	88	186858	38.41	ng	# 77
3) Pyridine	2.85	79	564994	44.58	ng	# 77
4) n-Nitrosodimethylamine	2.82	42	262790	40.09	ng	84
6) Aniline	6.36	93	682039	40.49	ng	# 63
8) 2-Chlorophenol	6.49	128	527921	42.00	ng	95
9) Benzaldehyde	6.24	77	323113	39.74	ng	96
10) Phenol	6.36	94	596587	38.68	ng	# 71
11) bis(2-Chloroethyl)ether	6.44	93	485690	40.38	ng	86
12) 1,3-Dichlorobenzene	6.64	146	528998	39.83	ng	# 94
13) 1,4-Dichlorobenzene	6.72	146	545598	41.09	ng	97
14) 1,2-Dichlorobenzene	6.72	146	545598	44.12	ng	99
15) Benzyl Alcohol	6.85	79	383386	40.33	ng	91
16) 2,2'-oxybis(1-Chloropropan	6.99	45	816357	40.35	ng	86
17) 2-Methylphenol	6.98	107	406487	40.89	ng	# 90
18) Hexachloroethane	7.21	117	201464	39.40	ng	92
19) n-Nitroso-di-n-propylamine	7.13	70	332147	38.49	ng	# 76
20) 3+4-Methylphenols	7.13	107	471262	38.19	ng	# 74
22) Acetophenone	7.12	105	713123	37.87	ng	# 98
24) Nitrobenzene	7.29	77	486027	35.78	ng	93
25) Isophorone	7.54	82	983660	39.88	ng	95
26) 2-Nitrophenol	7.61	139	280992	41.94	ng	# 87
27) 2,4-Dimethylphenol	7.65	122	423766	36.37	ng	95
28) bis(2-Chloroethoxy)methane	7.74	93	547724	37.43	ng	99
29) 2,4-Dichlorophenol	7.86	162	405644	40.68	ng	93
30) 1,2,4-Trichlorobenzene	7.93	180	426596	37.88	ng	96
31) Naphthalene	8.01	128	1341270	37.42	ng	99
32) Benzoic acid	7.80	122	313983	42.13	ng	98
33) 4-Chloroaniline	8.06	127	567915	38.31	ng	99
34) Hexachlorobutadiene	8.13	225	275416	42.41	ng	98
35) Caprolactam	8.45	113	134484	43.76	ng	# 70
36) 4-Chloro-3-methylphenol	8.56	107	425079	37.37	ng	93
37) 2-Methylnaphthalene	8.70	142	939435	41.88	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	396417	37.03	ng	99
40) Hexachlorocyclopentadiene	8.85	237	181624	46.59	ng	95

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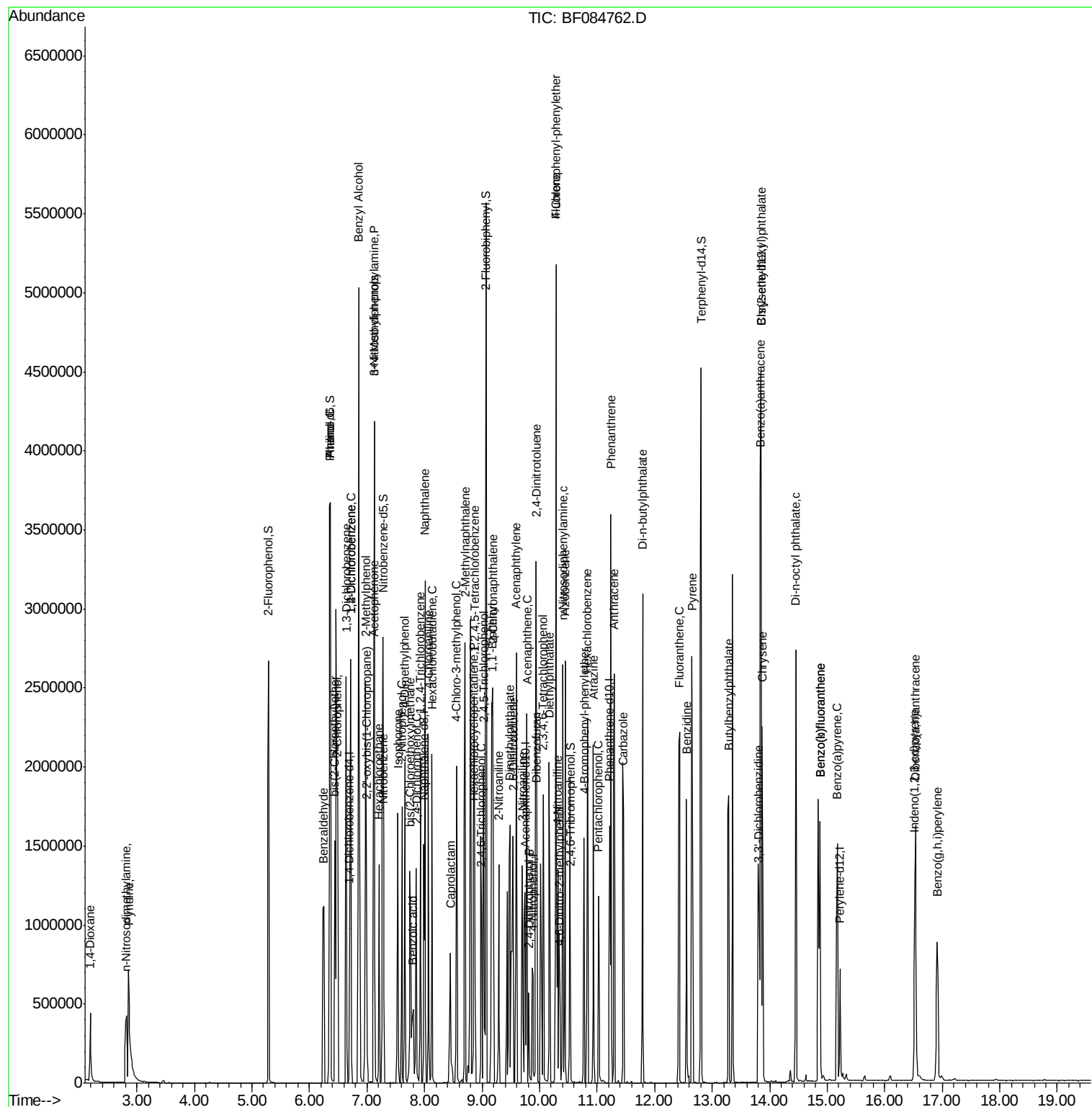
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	275199	39.91	ng	95
43) 2,4,5-Trichlorophenol	9.02	196	281680	40.20	ng	# 88
45) 1,1'-Biphenyl	9.17	154	1159127	38.50	ng	94
46) 2-Chloronaphthalene	9.18	162	836281	37.72	ng	96
47) 2-Nitroaniline	9.29	65	249095	35.48	ng	97
48) Acenaphthylene	9.60	152	1291069	38.38	ng	98
49) Dimethylphthalate	9.48	163	1053314	41.03	ng	# 91
50) 2,6-Dinitrotoluene	9.54	165	249575	44.50	ng	94
51) Acenaphthene	9.78	154	859959	39.29	ng	97
52) 3-Nitroaniline	9.70	138	223776	35.51	ng	99
53) 2,4-Dinitrophenol	9.81	184	106178	43.85	ng	# 82
54) Dibenzofuran	9.95	168	1070269	40.01	ng	95
55) 4-Nitrophenol	9.88	139	176896	38.20	ng	85
56) 2,4-Dinitrotoluene	9.94	165	312756	43.73	ng	95
57) Fluorene	10.28	166	863762	38.67	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	212397	39.82	ng	92
59) Diethylphthalate	10.17	149	989074	39.46	ng	98
60) 4-Chlorophenyl-phenylether	10.28	204	420924	44.82	ng	97
61) 4-Nitroaniline	10.32	138	242672	39.52	ng	93
62) Azobenzene	10.44	77	1022831	42.44	ng	92
64) 4,6-Dinitro-2-methylphenol	10.35	198	169153	43.36	ng	74
65) n-Nitrosodiphenylamine	10.41	169	842307	41.97	ng	98
66) 4-Bromophenyl-phenylether	10.77	248	297899	42.67	ng	99
67) Hexachlorobenzene	10.83	284	289076	38.00	ng	# 89
68) Atrazine	10.93	200	224798	35.47	ng	98
69) Pentachlorophenol	11.02	266	137636	38.50	ng	97
70) Phenanthrene	11.24	178	1292297	36.86	ng	98
71) Anthracene	11.30	178	1437328	40.69	ng	100
72) Carbazole	11.46	167	1195058	38.80	ng	97
73) Di-n-butylphthalate	11.79	149	1446483	36.88	ng	# 97
74) Fluoranthene	12.43	202	1398689	39.42	ng	93
76) Benzidine	12.56	184	728822	50.62	ng	98
77) Pyrene	12.65	202	1320781	40.31	ng	99
79) Butylbenzylphthalate	13.29	149	635680	42.77	ng	# 80
80) Benzo(a)anthracene	13.84	228	1059804	39.90	ng	99
81) 3,3'-Dichlorobenzidine	13.81	252	411150	43.72	ng	99
82) Chrysene	13.87	228	1011503	39.28	ng	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	793897	42.92	ng	# 96
84) Di-n-octyl phthalate	14.45	149	1199927	39.32	ng	# 89
85) Indeno(1,2,3-cd)pyrene	16.52	276	847486	41.81	ng	99
87) Benzo(b)fluoranthene	14.88	252	1748105	74.10	ng	# 98
88) Benzo(k)fluoranthene	14.88	252	1748736	89.66	ng	# 95
89) Benzo(a)pyrene	15.17	252	795774	39.59	ng	98
90) Dibenzo(a,h)anthracene	16.53	278	706427	41.75	ng	98
91) Benzo(g,h,i)perylene	16.91	276	718786	42.17	ng	99

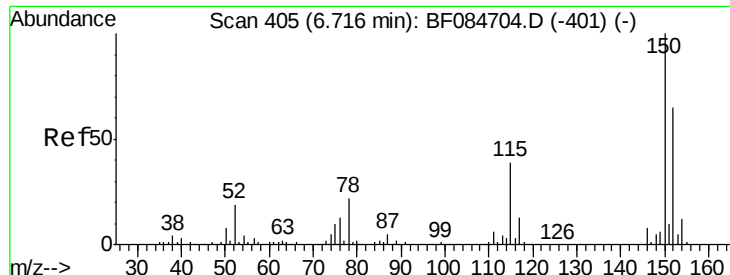
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.03 min

Lab File: BF084762.D

Acq: 3 Feb 2016 00:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

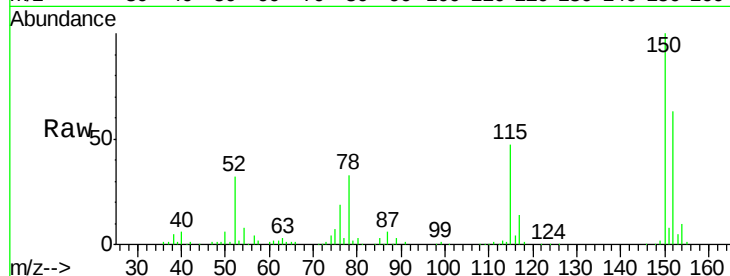
Tgt Ion:152 Resp: 172976

Ion Ratio Lower Upper

152 100

150 159.5 123.0 184.4

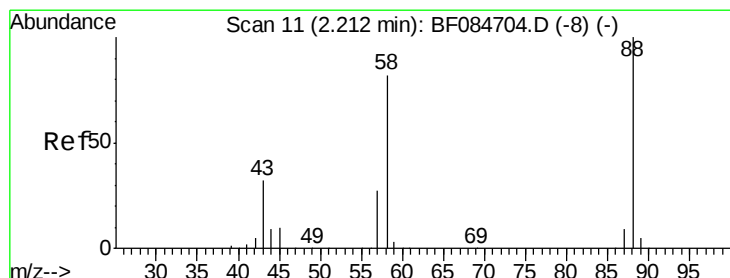
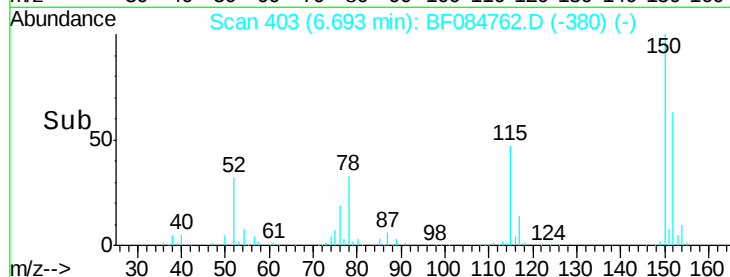
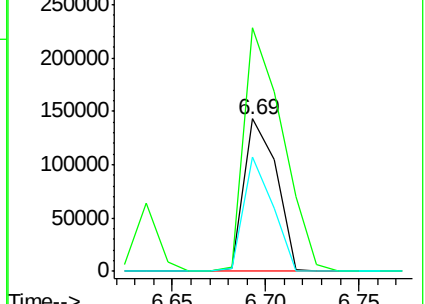
115 75.0 51.4 77.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.41 ng

RT: 2.19 min Scan# 9

Delta R.T. -0.03 min

Lab File: BF084762.D

Acq: 3 Feb 2016 00:13

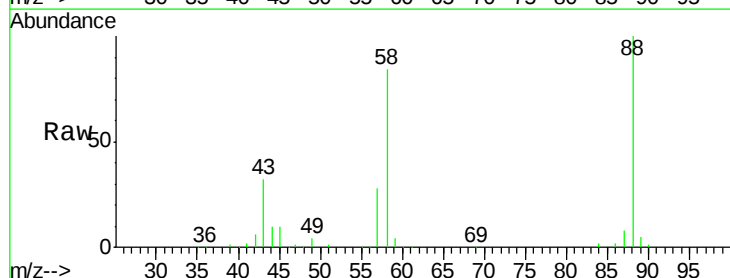
Tgt Ion: 88 Resp: 186858

Ion Ratio Lower Upper

88 100

58 83.9 51.2 76.8#

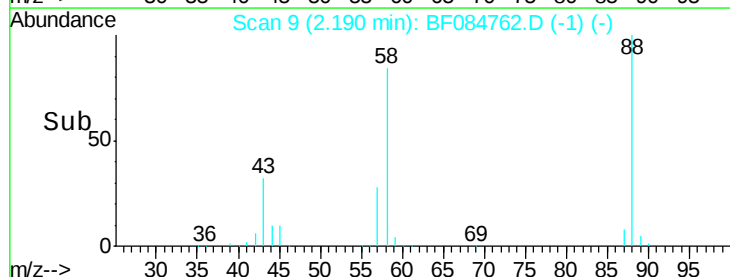
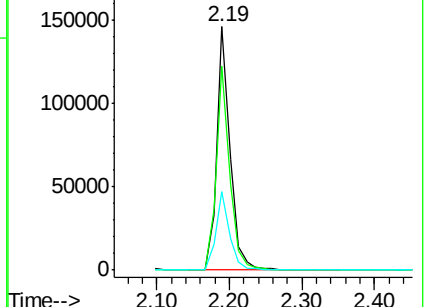
43 32.7 19.5 29.3#

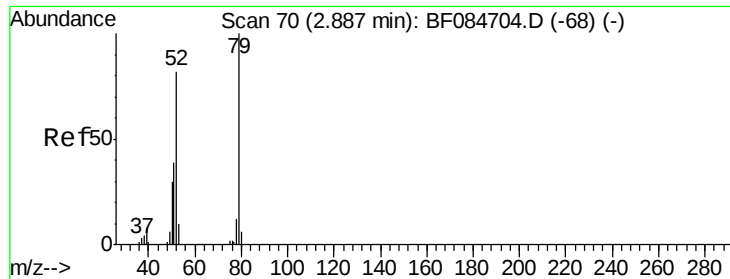


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 44.58 ng

RT: 2.85 min Scan# 67

Delta R.T. -0.06 min

Lab File: BF084762.D

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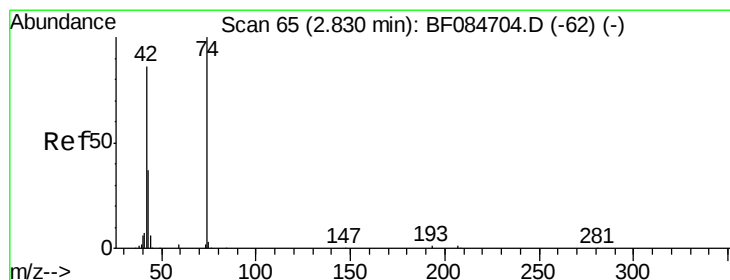
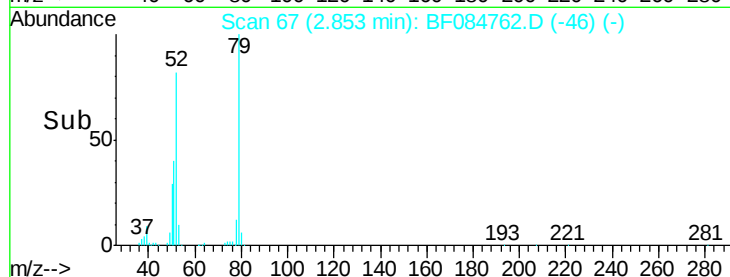
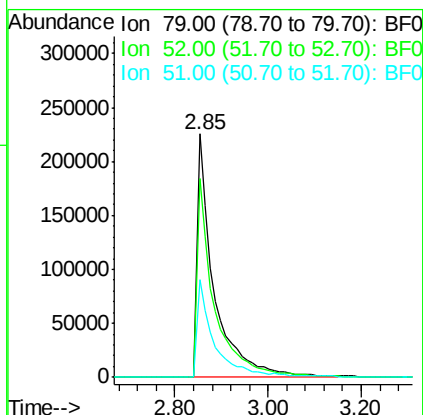
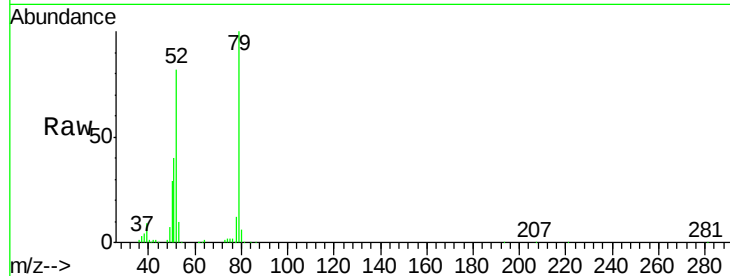
Tgt Ion: 79 Resp: 564994

Ion Ratio Lower Upper

79 100

52 81.9 49.0 73.4#

51 40.2 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 40.09 ng

RT: 2.82 min Scan# 64

Delta R.T. -0.03 min

Lab File: BF084762.D

Acq: 3 Feb 2016 00:13

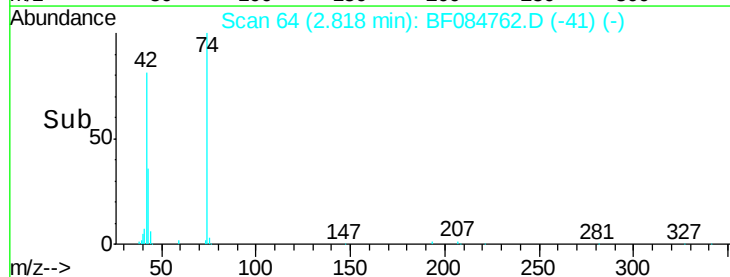
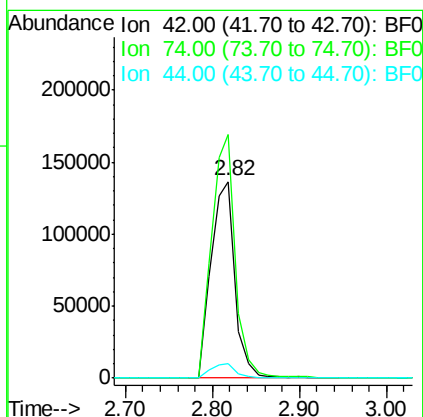
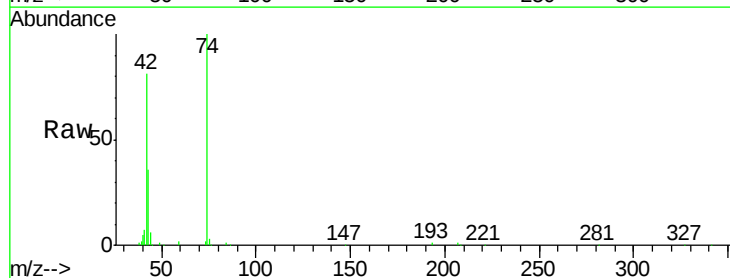
Tgt Ion: 42 Resp: 262790

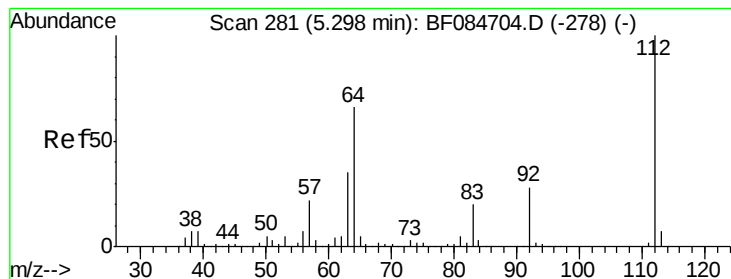
Ion Ratio Lower Upper

42 100

74 124.0 115.7 173.5

44 7.6 5.1 7.7





#5

2-Fluorophenol

Concen: 83.85 ng

RT: 5.29 min Scan# 280

Delta R.T. -0.02 min

Lab File: BF084762.D

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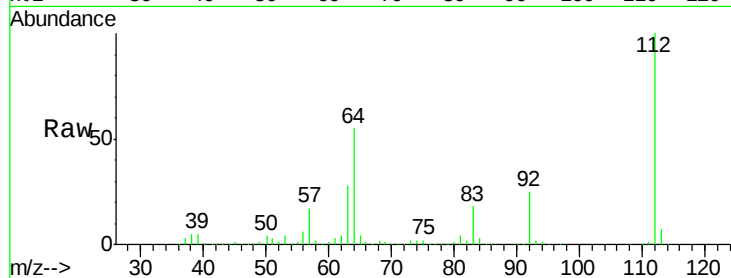
Tgt Ion: 112 Resp: 931205

Ion Ratio Lower Upper

112 100

64 54.9 36.6 55.0

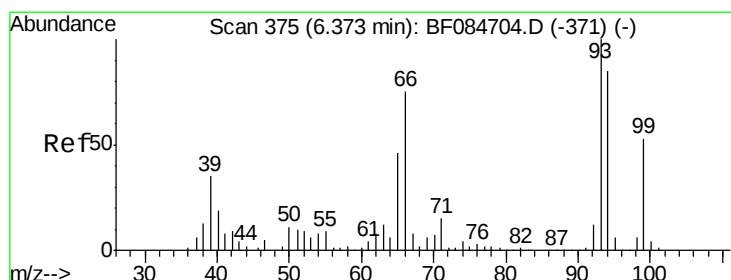
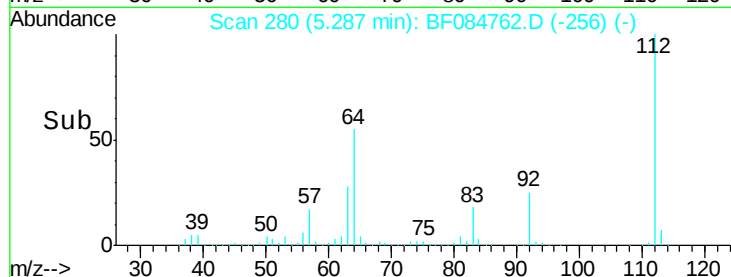
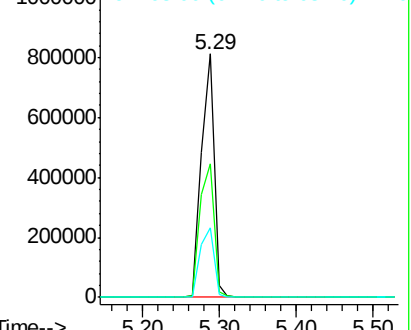
63 28.4 19.4 29.0



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: 40.49 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.02 min

Lab File: BF084762.D

Acq: 3 Feb 2016 00:13

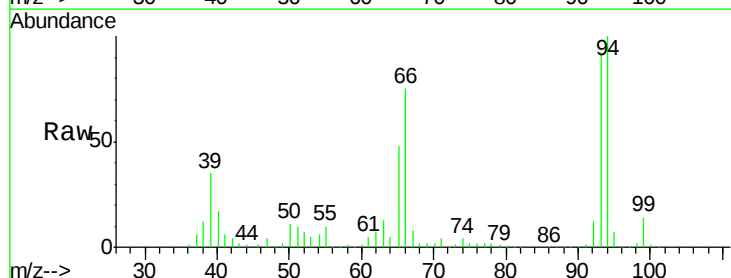
Tgt Ion: 93 Resp: 682039

Ion Ratio Lower Upper

93 100

66 81.2 44.9 67.3#

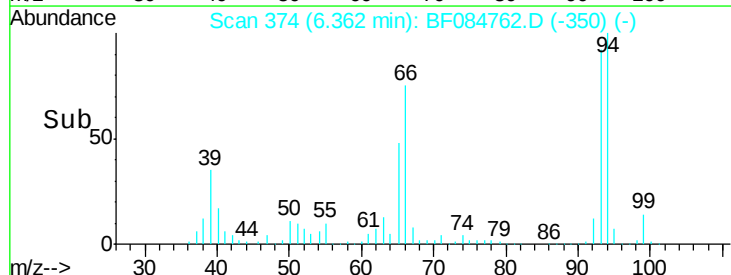
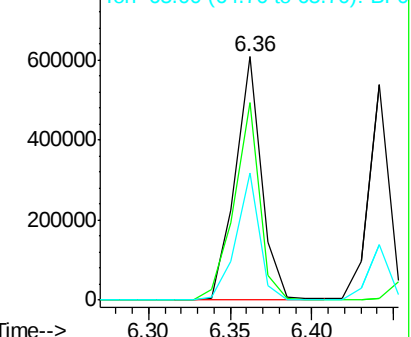
65 52.0 23.7 35.5#



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: 77.45 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.02 min

Lab File: BF084762.D

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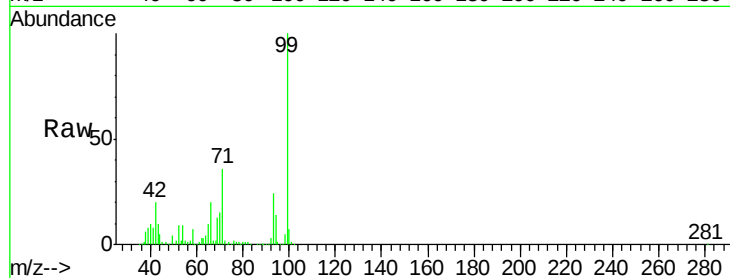
Tgt Ion: 99 Resp: 1066237

Ion Ratio Lower Upper

99 100

42 20.4 12.8 19.2#

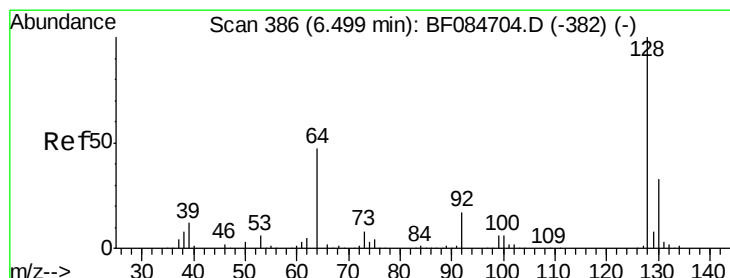
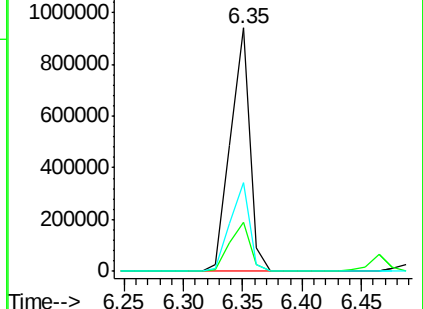
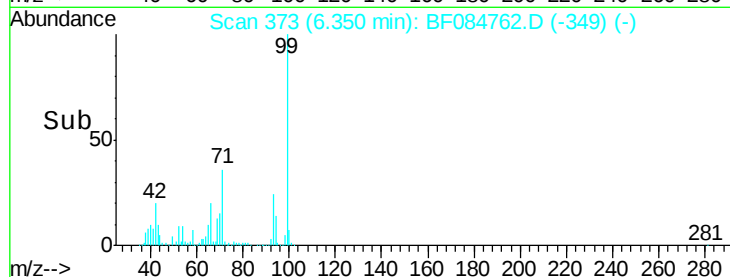
71 36.4 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.00 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF084762.D

Acq: 3 Feb 2016 00:13

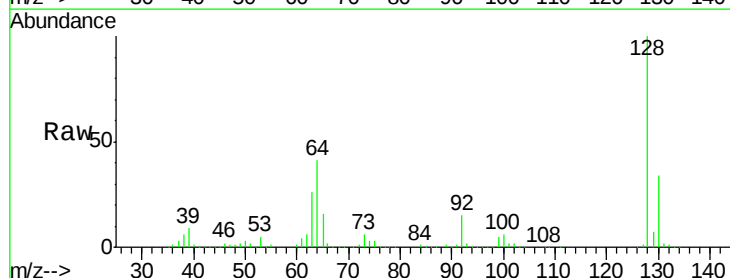
Tgt Ion: 128 Resp: 527921

Ion Ratio Lower Upper

128 100

130 34.0 11.6 51.6

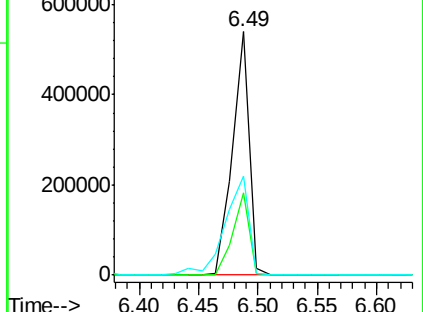
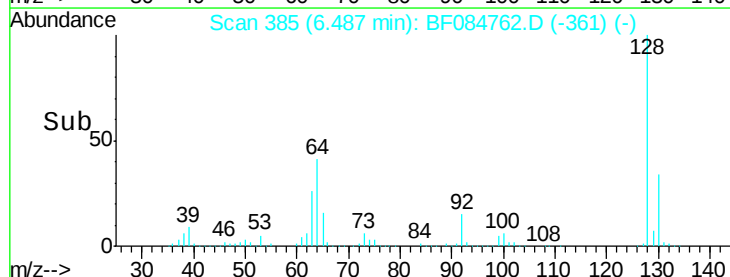
64 40.8 23.8 63.8

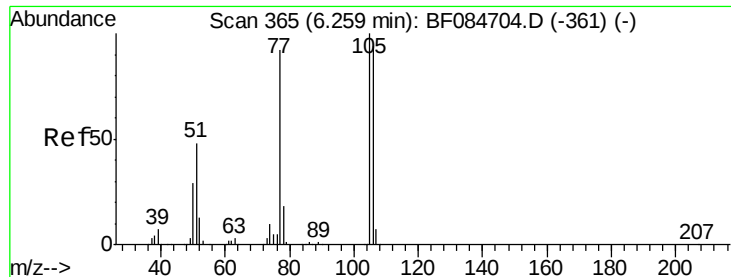


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 39.74 ng

RT: 6.24 min Scan# 363

Delta R.T. -0.03 min

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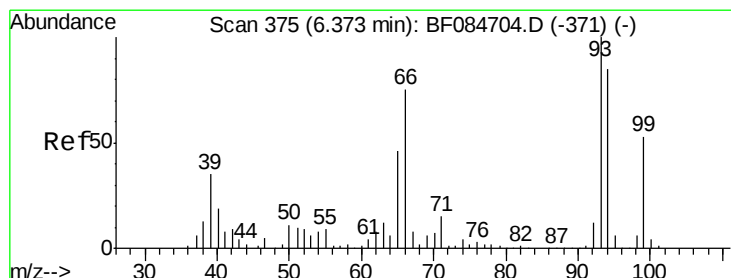
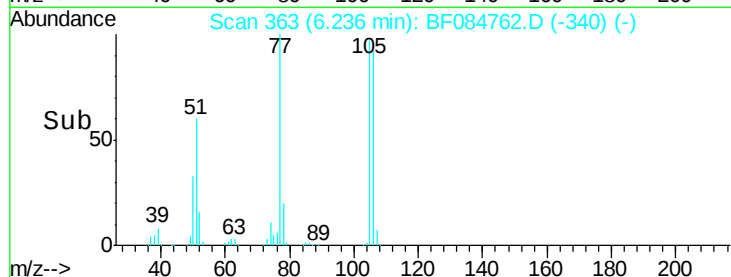
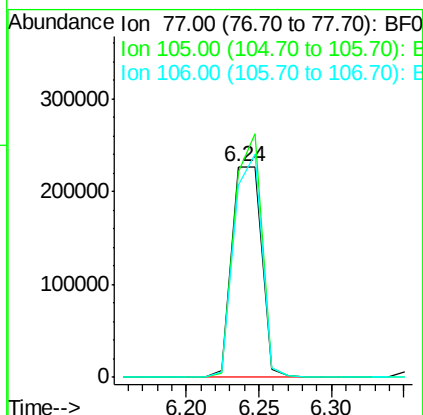
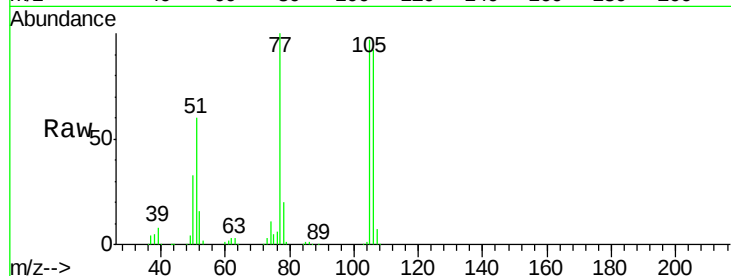
Tgt Ion: 77 Resp: 323113

Ion Ratio Lower Upper

77 100

105 97.5 83.0 123.0

106 91.6 74.6 114.6



#10

Phenol

Concen: 38.68 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.02 min

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Acq: 3 Feb 2016 00:13

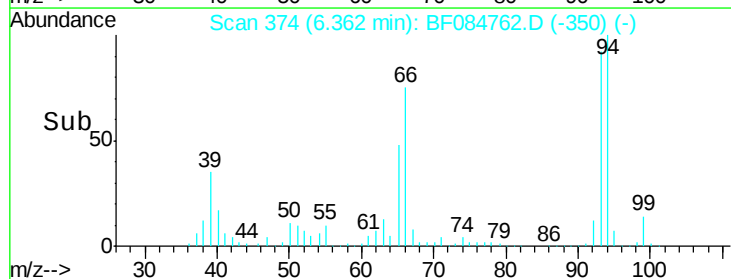
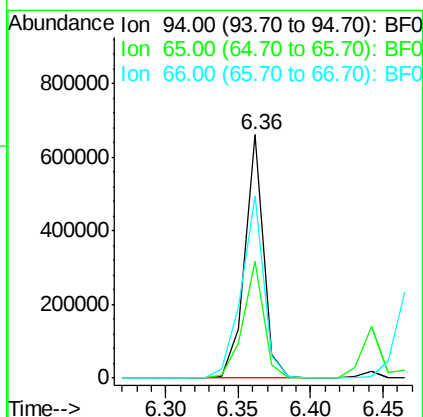
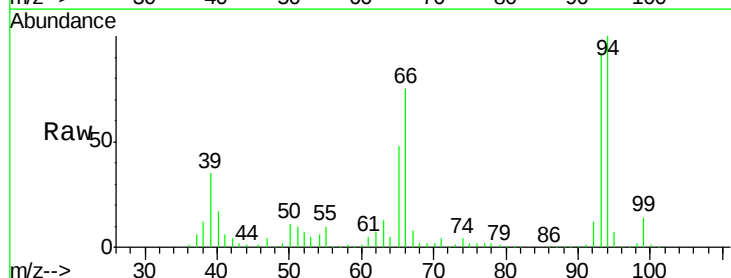
Tgt Ion: 94 Resp: 596587

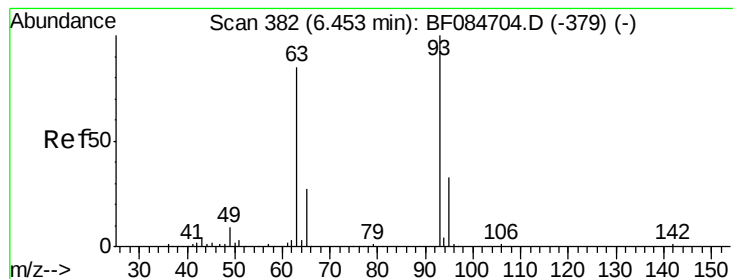
Ion Ratio Lower Upper

94 100

65 47.9 12.9 52.9

66 74.7 32.7 72.7#





#11

bis(2-Chloroethyl)ether

Concen: 40.38 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.02 min

Lab File: BF084762.D

Acq: 3 Feb 2016 00:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

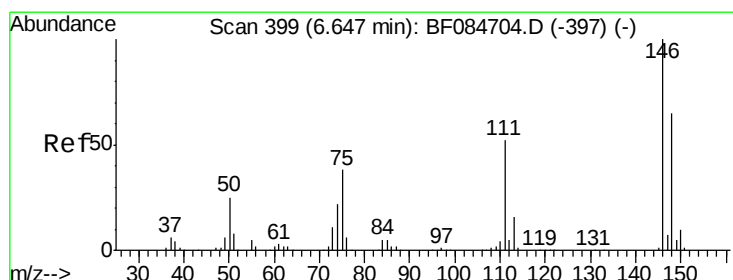
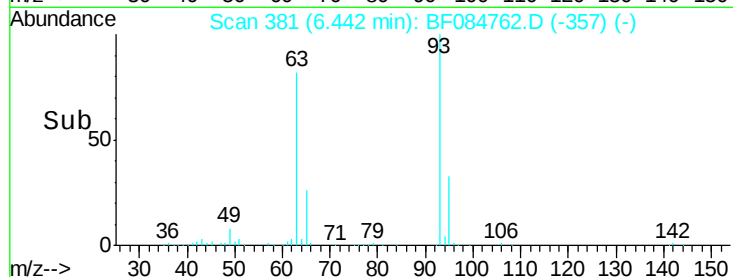
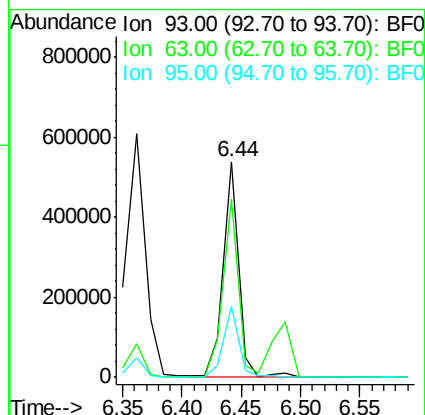
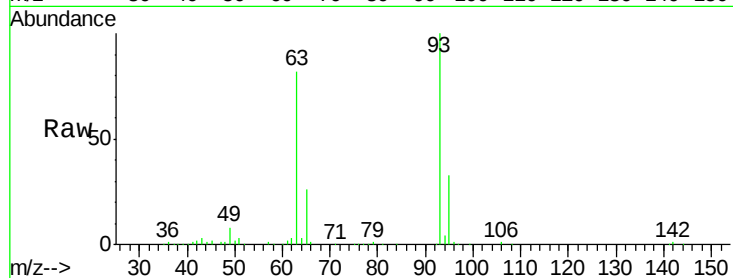
Tgt Ion: 93 Resp: 485690

Ion Ratio Lower Upper

93 100

63 82.3 45.9 85.9

95 32.7 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 39.83 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.02 min

Lab File: BF084762.D

Acq: 3 Feb 2016 00:13

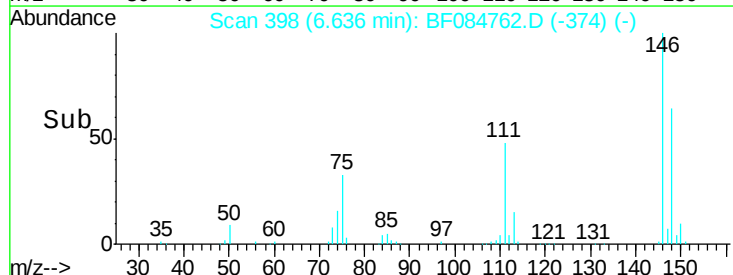
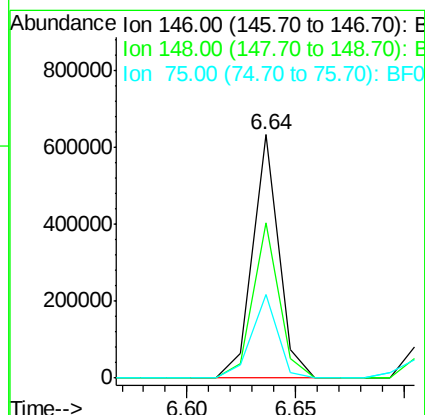
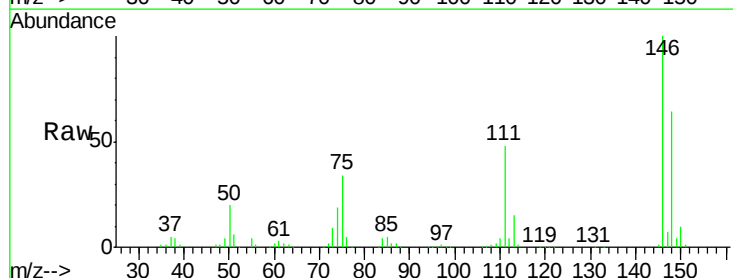
Tgt Ion: 146 Resp: 528998

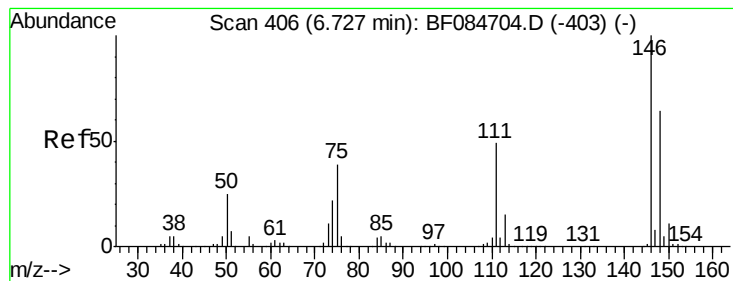
Ion Ratio Lower Upper

146 100

148 63.6 51.9 77.9

75 34.4 20.5 30.7#





#13

1,4-Dichlorobenzene

Concen: 41.09 ng

RT: 6.72 min Scan# 405

Delta R.T. -0.02 min

Lab File: BF084762.D

Acq: 3 Feb 2016 00:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

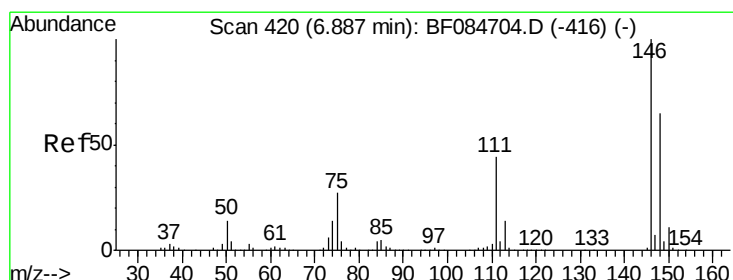
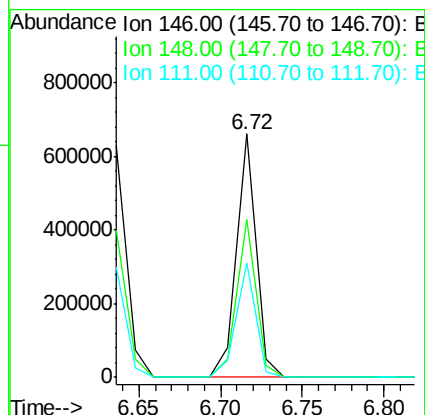
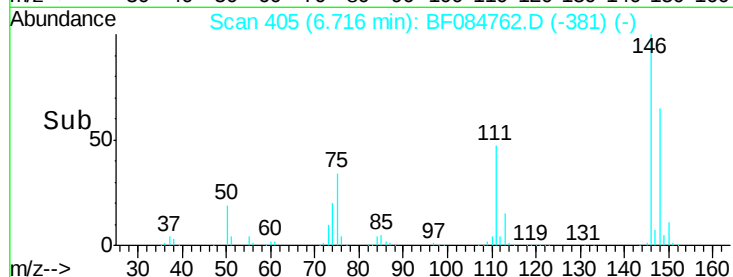
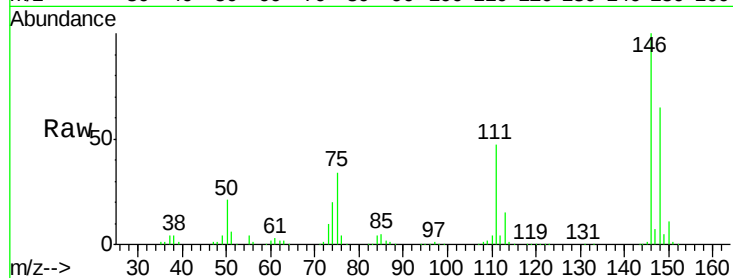
Tgt Ion:146 Resp: 545598

Ion Ratio Lower Upper

146 100

148 65.0 51.9 77.9

111 47.1 41.6 62.4



#14

1,2-Dichlorobenzene

Concen: 44.12 ng

RT: 6.72 min Scan# 405

Delta R.T. -0.18 min

Lab File: BF084762.D

Acq: 3 Feb 2016 00:13

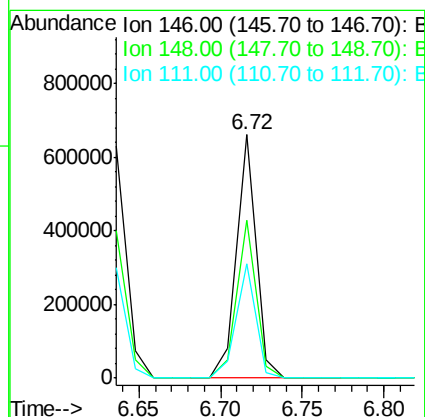
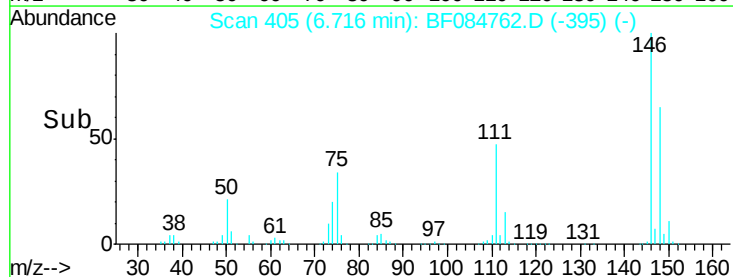
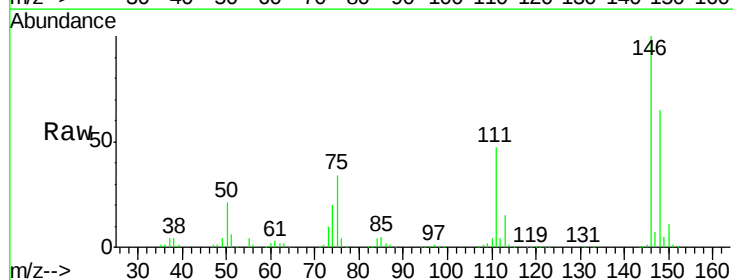
Tgt Ion:146 Resp: 545598

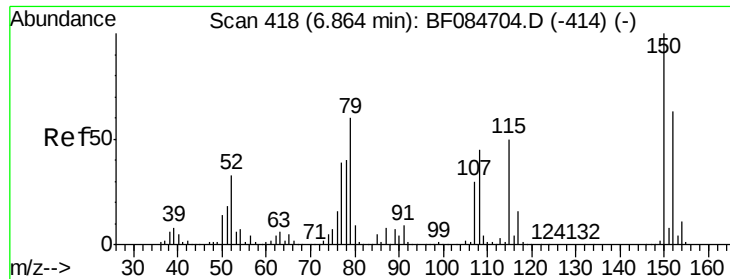
Ion Ratio Lower Upper

146 100

148 65.0 51.6 77.4

111 47.1 38.0 57.0

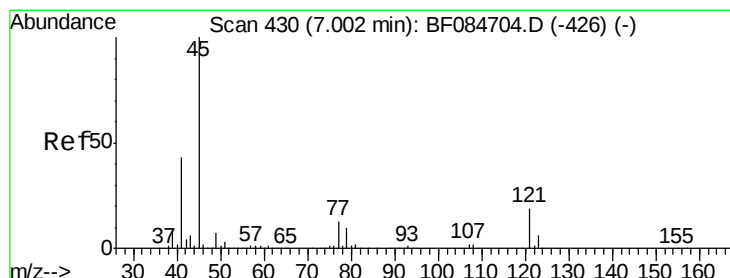
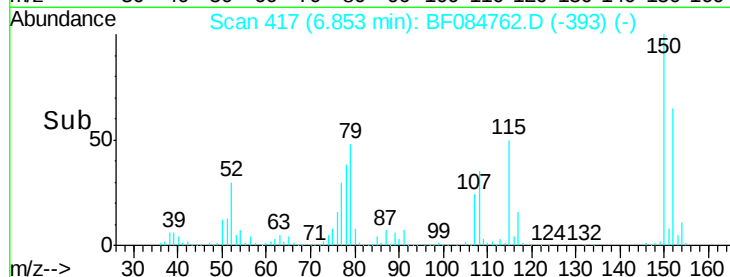
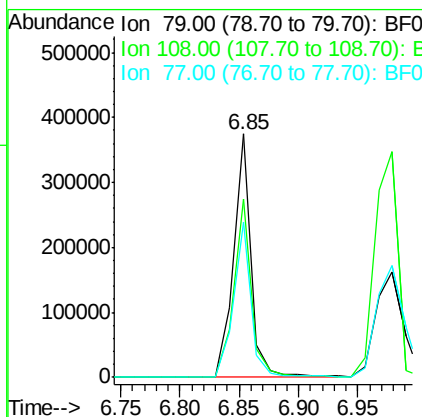
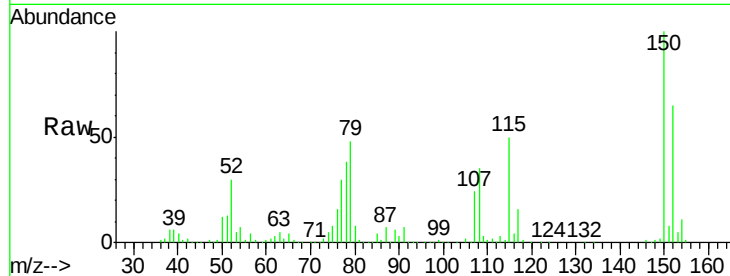




#15
Benzyl Alcohol
Concen: 40.33 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.02 min
Lab File: BF084762.D
Acq: 3 Feb 2016 00:13

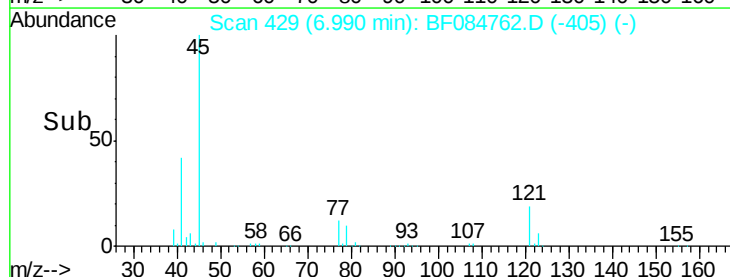
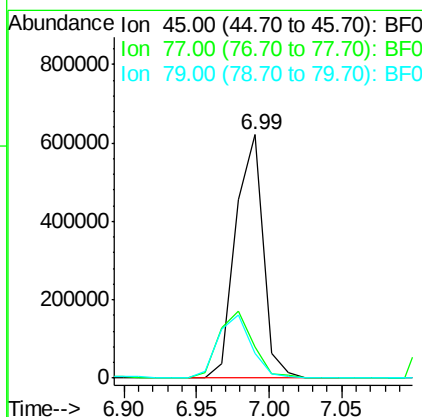
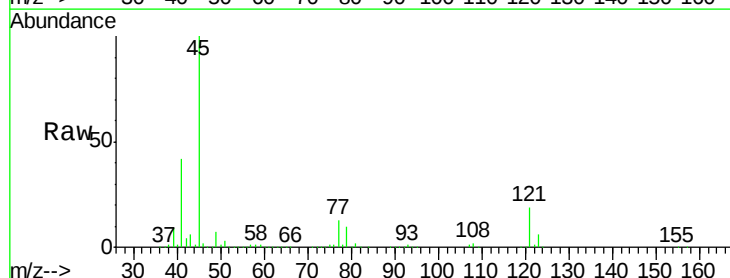
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

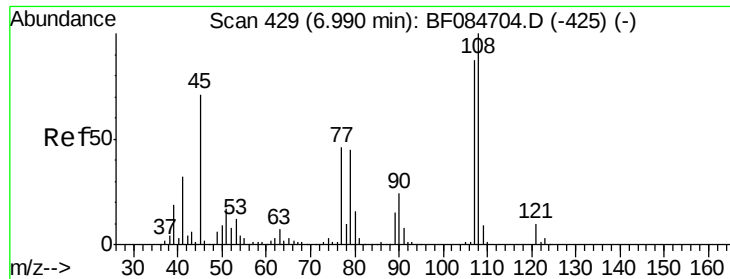
Tgt Ion: 79 Resp: 383386
Ion Ratio Lower Upper
79 100
108 73.1 69.0 103.4
77 63.7 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.35 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.02 min
Lab File: BF084762.D
Acq: 3 Feb 2016 00:13

Tgt Ion: 45 Resp: 816357
Ion Ratio Lower Upper
45 100
77 12.6 0.0 39.6
79 10.2 0.0 35.0

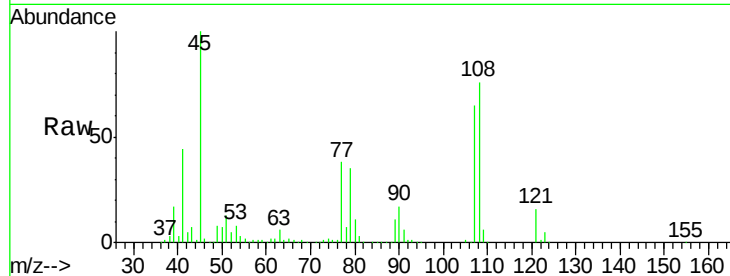




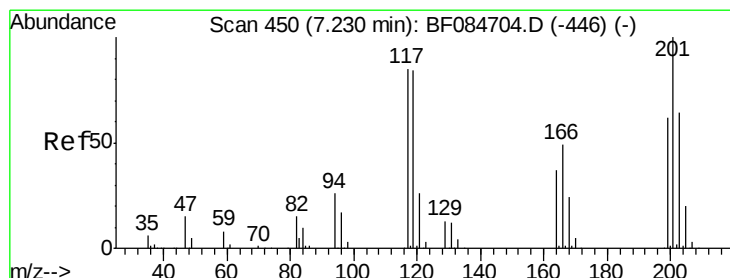
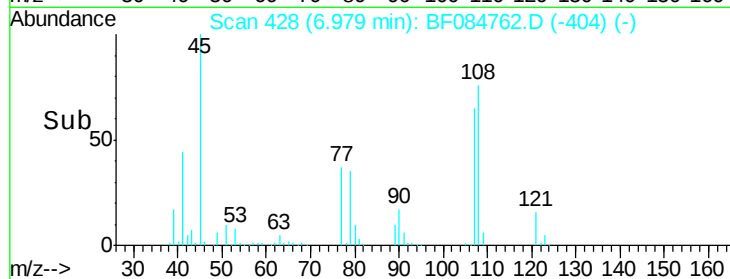
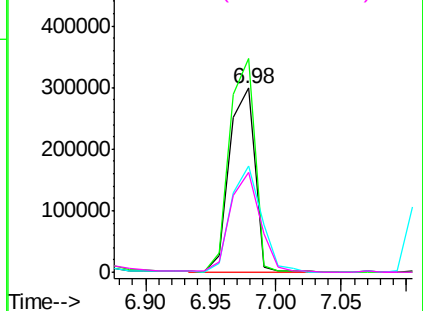
#17
2-Methylphenol
Concen: 40.89 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.02 min
Lab File: BF084762.D
Acq: 3 Feb 2016 00:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 406487
Ion Ratio Lower Upper
107 100
108 116.2 89.8 134.6
77 57.5 35.7 53.5#
79 54.1 35.7 53.5#

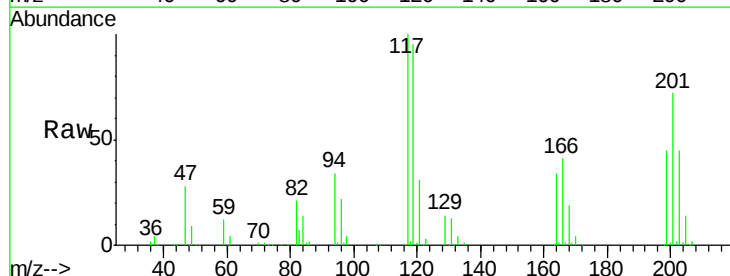


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

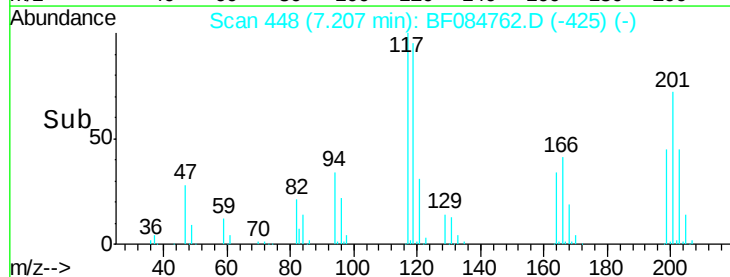
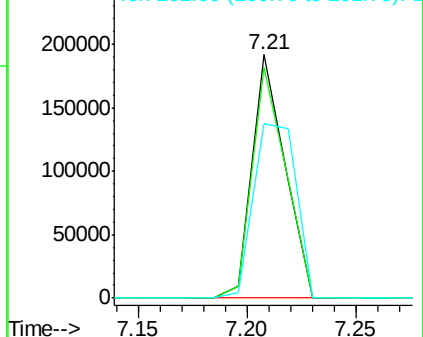


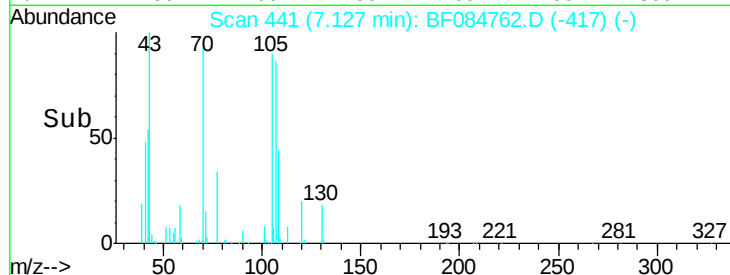
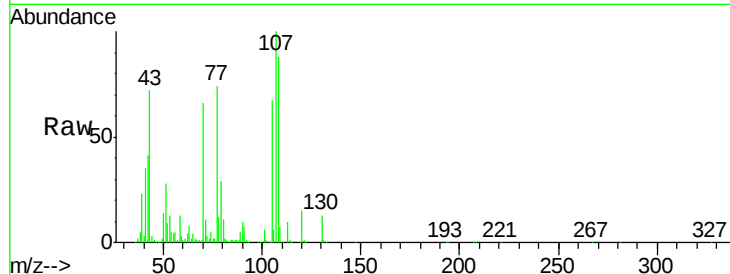
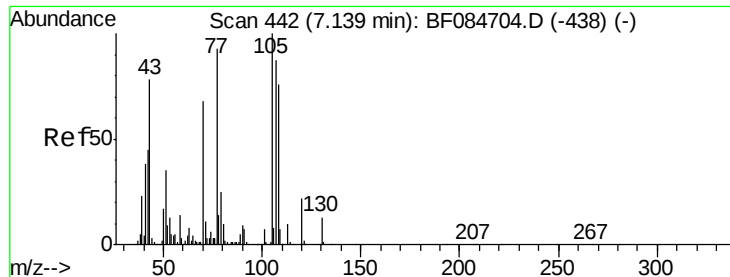
#18
Hexachloroethane
Concen: 39.40 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.03 min
Lab File: BF084762.D
Acq: 3 Feb 2016 00:13

Tgt Ion:117 Resp: 201464
Ion Ratio Lower Upper
117 100
119 94.9 77.4 116.0
201 71.9 68.6 103.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

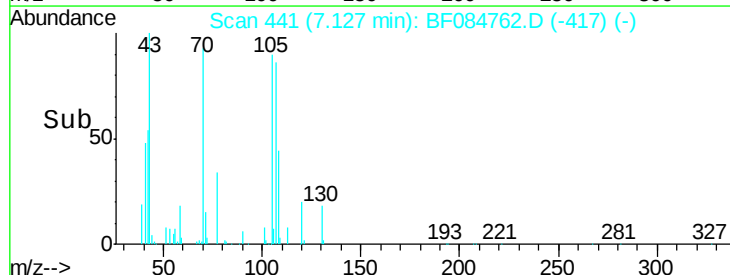
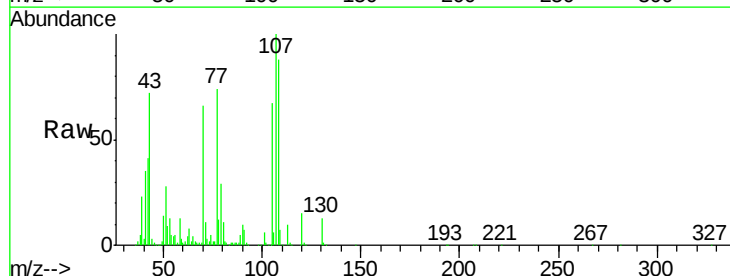
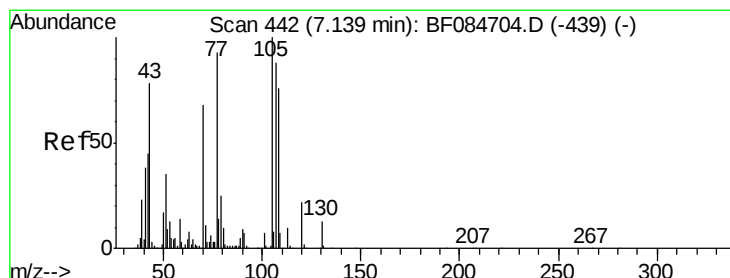
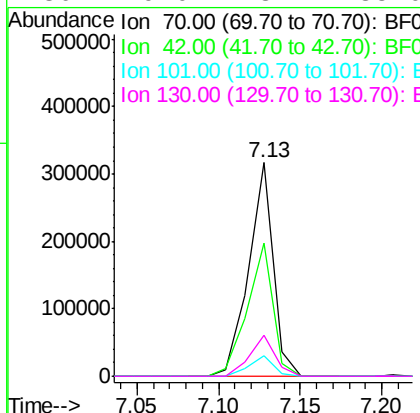




#19
n-Nitroso-di-n-propylamine
Concen: 38.49 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.02 min
Lab File: BF084762.D
Acq: 3 Feb 2016 00:13

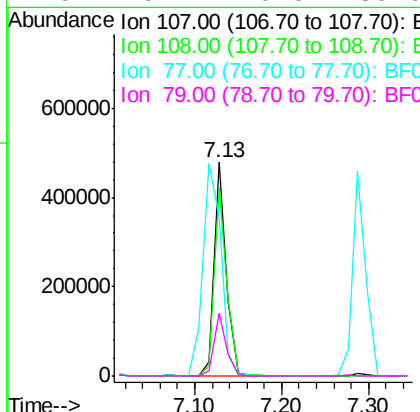
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 332147
Ion Ratio Lower Upper
70 100
42 62.4 33.3 49.9#
101 9.5 9.3 13.9
130 19.0 23.4 35.0#



#20
3+4-Methylphenols
Concen: 38.19 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.02 min
Lab File: BF084762.D
Acq: 3 Feb 2016 00:13

Tgt Ion: 107 Resp: 471262
Ion Ratio Lower Upper
107 100
108 88.1 74.6 114.6
77 74.2 0.7 40.7#
79 29.2 0.0 39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.03 min

Lab File: BF084762.D

Acq: 3 Feb 2016 00:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 714556

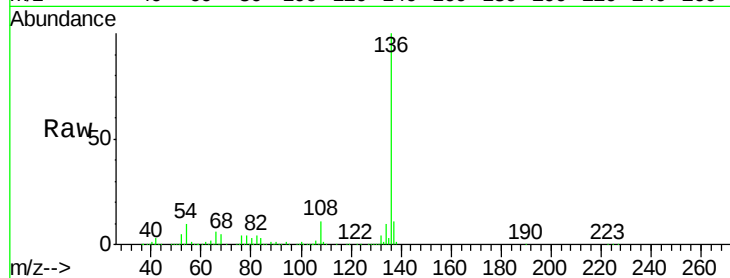
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 10.0 5.8 8.8#

68 5.3 4.2 6.2

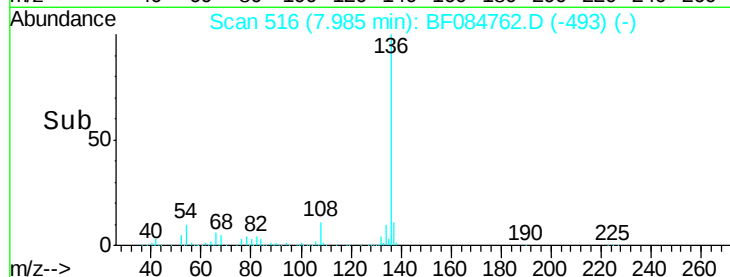


Abundance Ion 136.00 (135.70 to 136.70): E

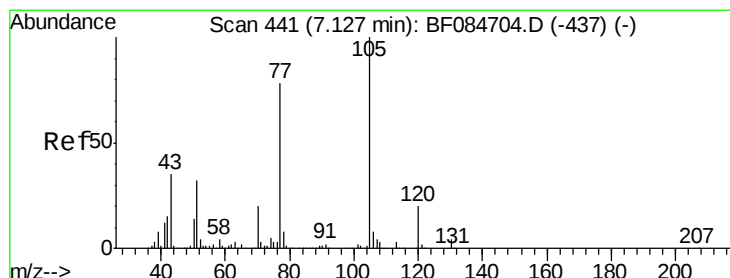
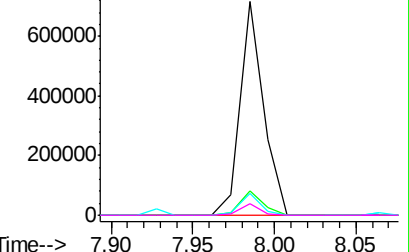
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 37.87 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF084762.D

Acq: 3 Feb 2016 00:13

Tgt Ion:105 Resp: 713123

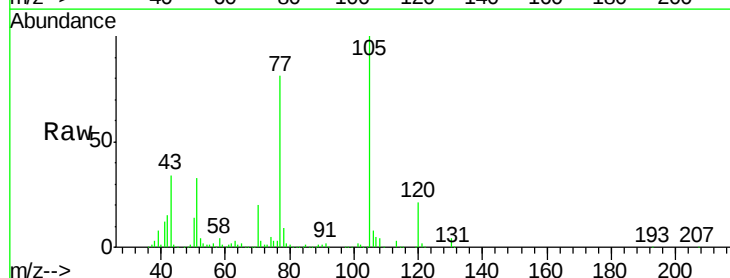
Ion Ratio Lower Upper

105 100

71 3.3 3.7 5.5#

51 32.6 25.1 37.7

120 20.7 16.6 25.0

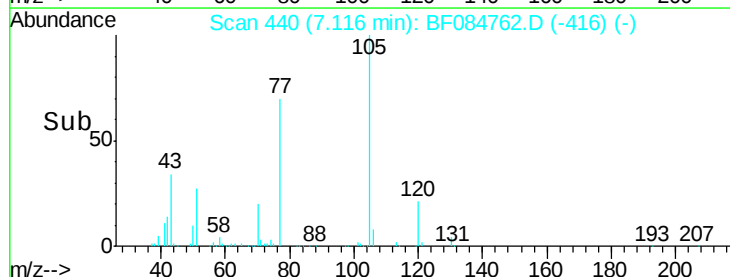


Abundance Ion 105.00 (104.70 to 105.70): E

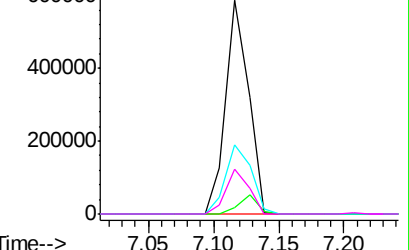
Ion 71.00 (70.70 to 71.70): BF0

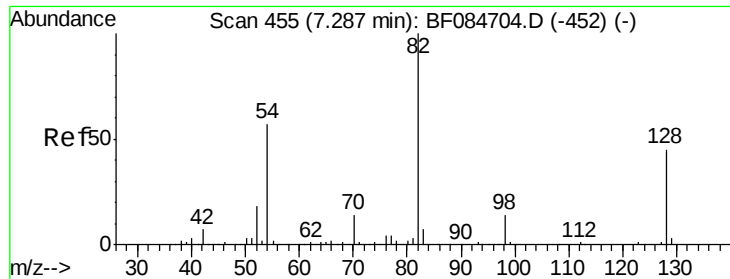
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

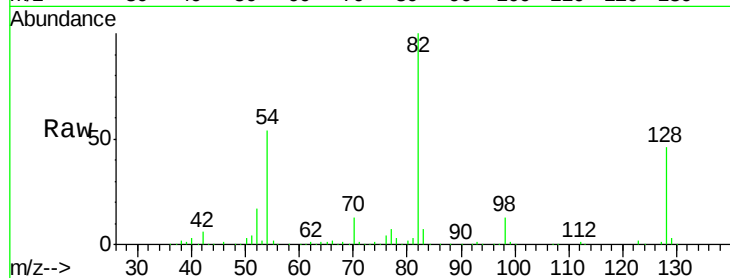




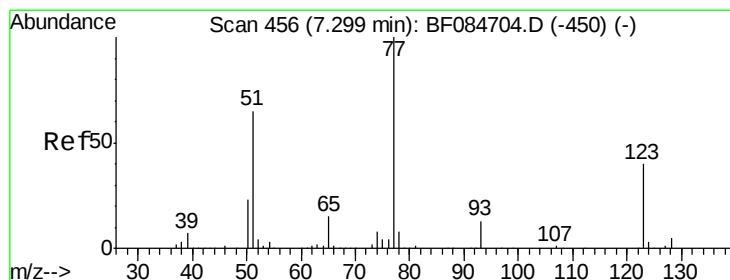
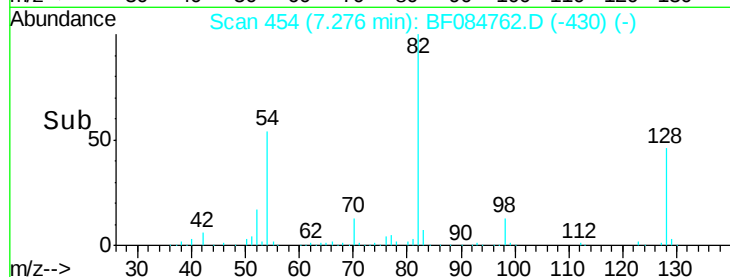
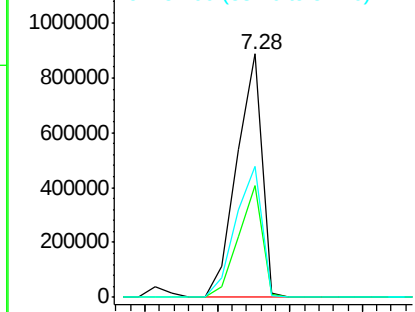
#23
 Nitrobenzene-d5
 Concen: 84.24 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.02 min
 Lab File: BF084762.D
 Acq: 3 Feb 2016 00:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 82 Resp: 1068517
 Ion Ratio Lower Upper
 82 100
 128 46.0 34.6 51.8
 54 53.9 38.4 57.6

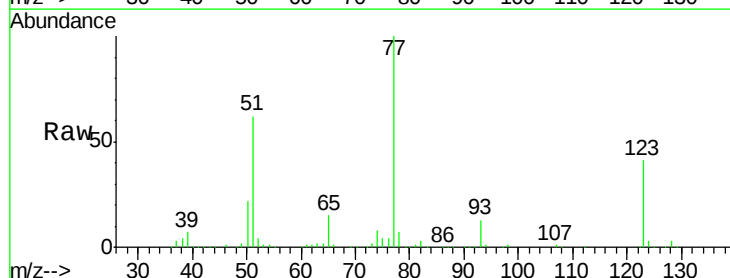


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

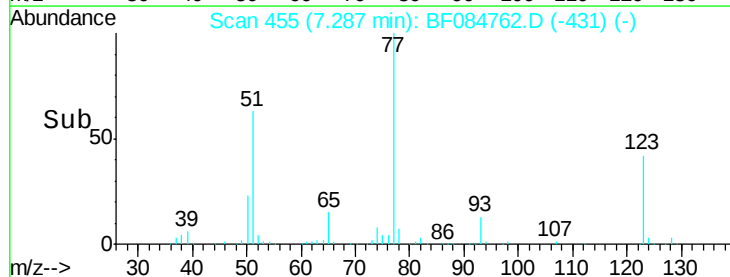
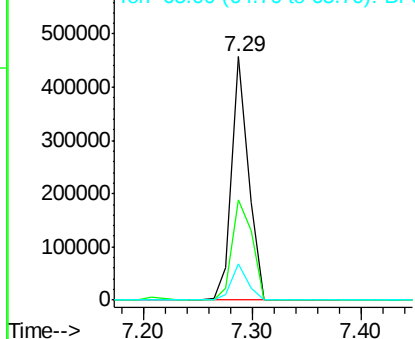


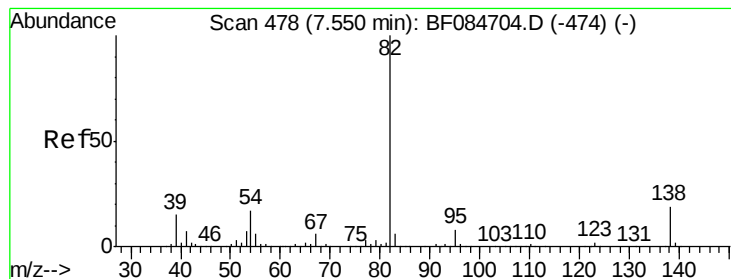
#24
 Nitrobenzene
 Concen: 35.78 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.02 min
 Lab File: BF084762.D
 Acq: 3 Feb 2016 00:13

Tgt Ion: 77 Resp: 486027
 Ion Ratio Lower Upper
 77 100
 123 41.3 37.4 56.2
 65 14.9 10.9 16.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.88 ng

RT: 7.54 min Scan# 477

Delta R.T. -0.02 min

Lab File: BF084762.D

Acq: 3 Feb 2016 00:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

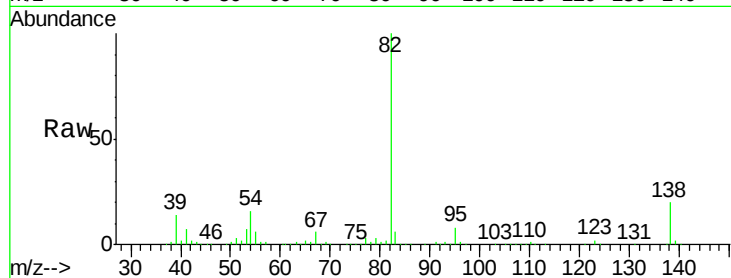
Tgt Ion: 82 Resp: 983660

Ion Ratio Lower Upper

82 100

95 7.7 6.6 10.0

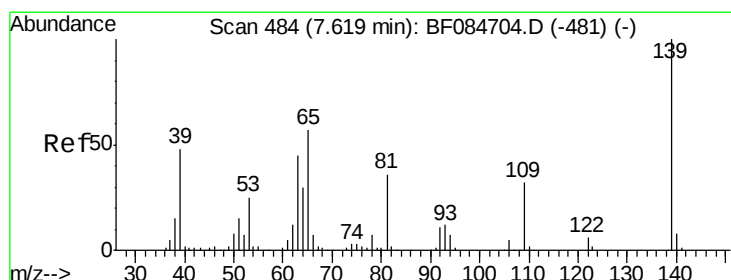
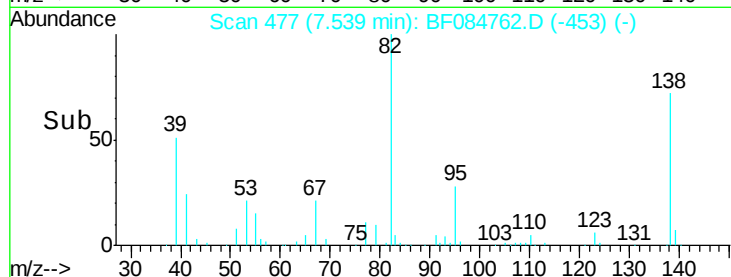
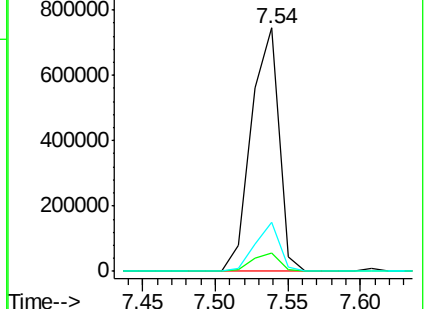
138 19.9 13.6 20.4



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 41.94 ng

RT: 7.61 min Scan# 483

Delta R.T. -0.02 min

Lab File: BF084762.D

Acq: 3 Feb 2016 00:13

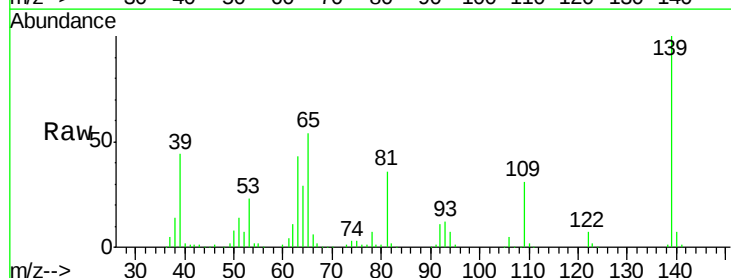
Tgt Ion: 139 Resp: 280992

Ion Ratio Lower Upper

139 100

109 31.5 25.4 38.2

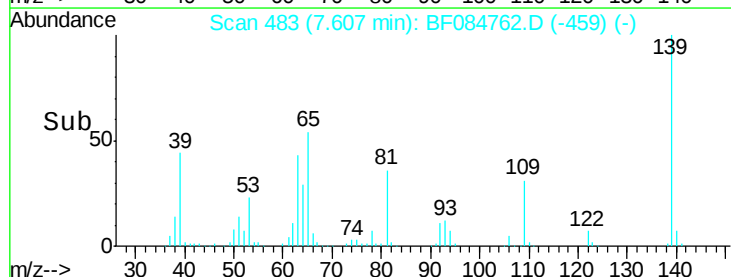
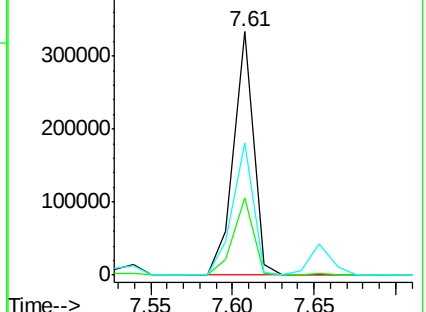
65 54.3 32.3 48.5#

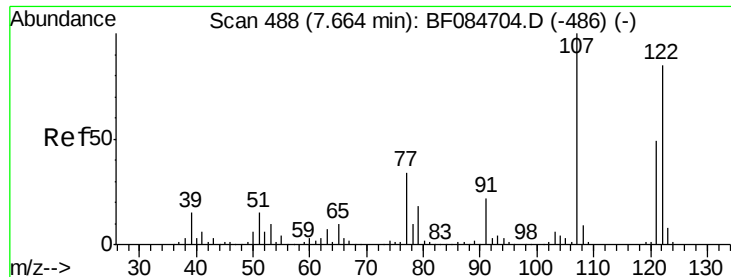


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

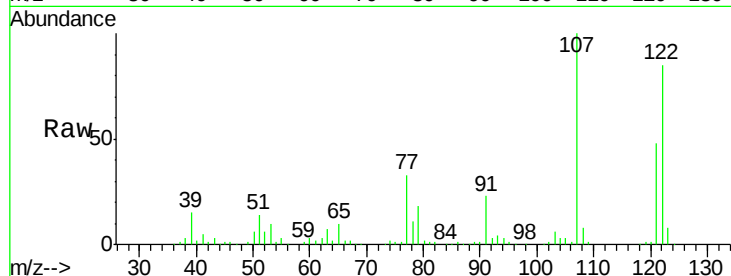




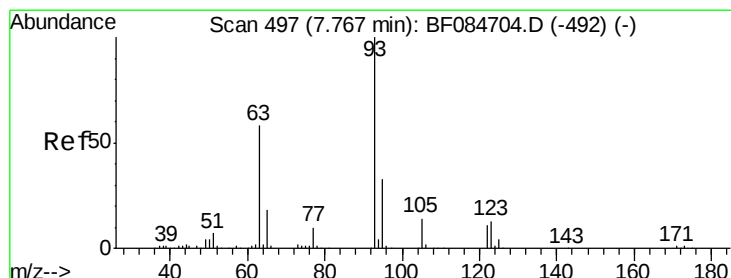
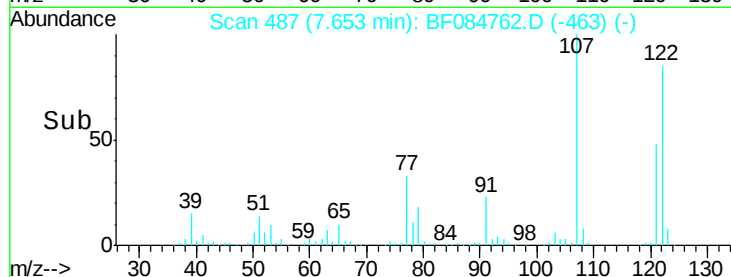
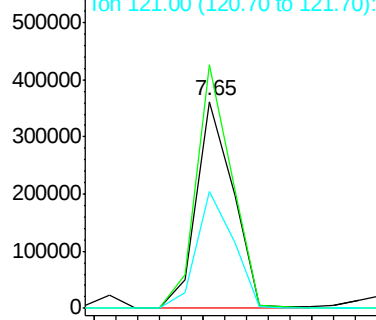
#27
 2,4-Dimethylphenol
 Concen: 36.37 ng
 RT: 7.65 min Scan# 487
 Delta R.T. -0.02 min
 Lab File: BF084762.D
 Acq: 3 Feb 2016 00:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 122 Resp: 423766
 Ion Ratio Lower Upper
 122 100
 107 117.6 99.1 148.7
 121 56.6 47.9 71.9

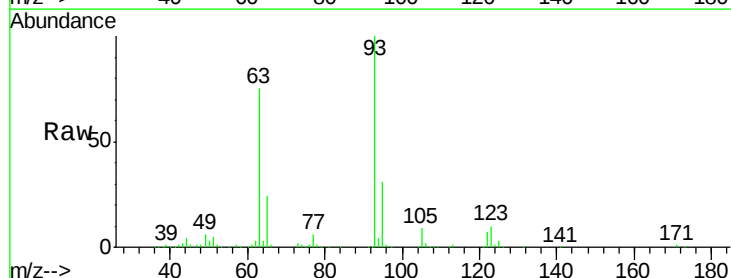


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

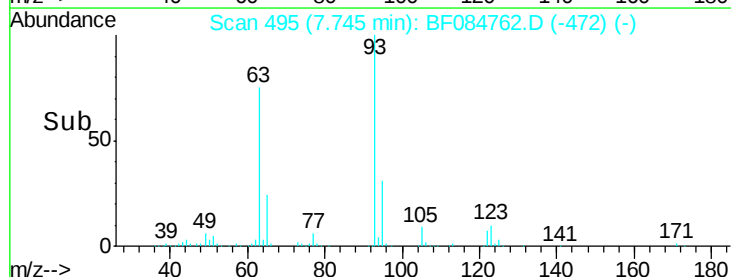
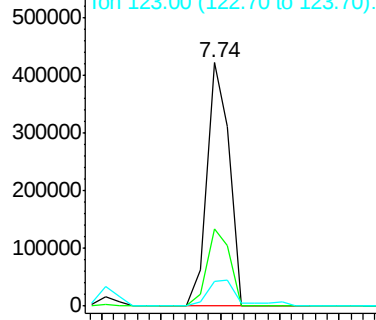


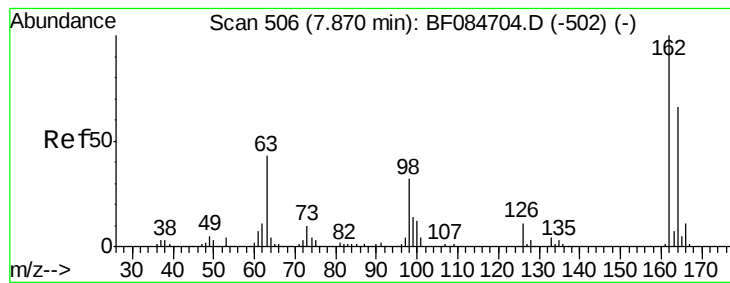
#28
 bis(2-Chloroethoxy)methane
 Concen: 37.43 ng
 RT: 7.74 min Scan# 495
 Delta R.T. -0.03 min
 Lab File: BF084762.D
 Acq: 3 Feb 2016 00:13

Tgt Ion: 93 Resp: 547724
 Ion Ratio Lower Upper
 93 100
 95 31.5 25.8 38.6
 123 10.1 8.6 12.8



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.68 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.02 min

Lab File: BF084762.D

Acq: 3 Feb 2016 00:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

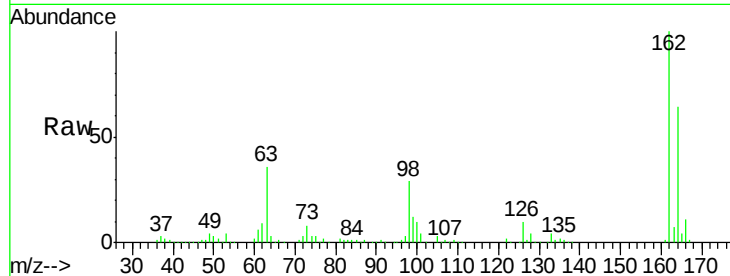
Tgt Ion:162 Resp: 405644

Ion Ratio Lower Upper

162 100

164 64.2 44.1 84.1

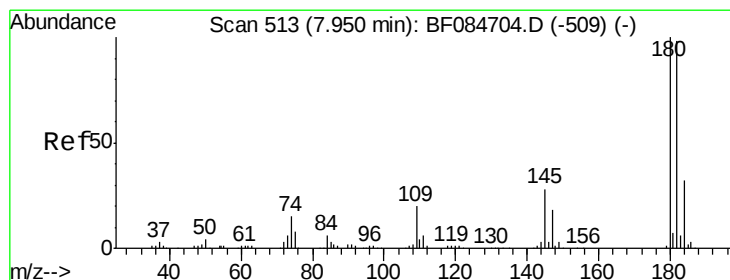
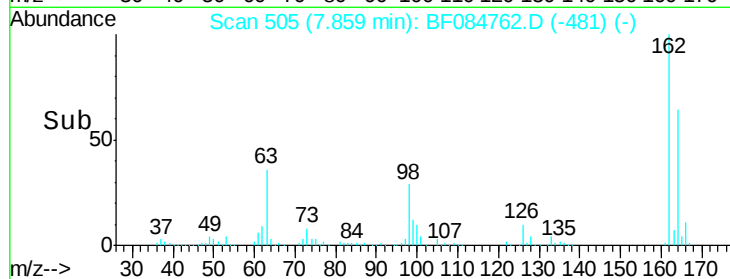
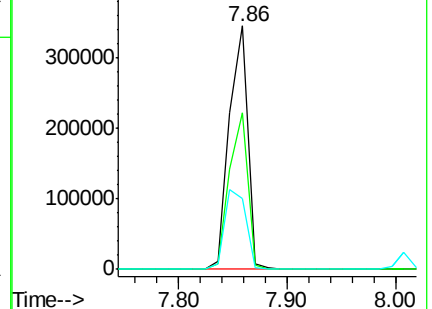
98 29.1 20.2 60.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 37.88 ng

RT: 7.93 min Scan# 511

Delta R.T. -0.03 min

Lab File: BF084762.D

Acq: 3 Feb 2016 00:13

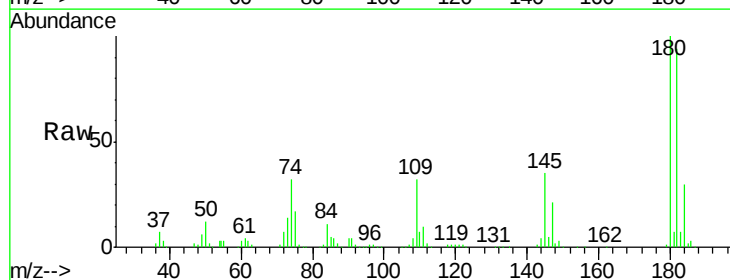
Tgt Ion:180 Resp: 426596

Ion Ratio Lower Upper

180 100

182 93.6 76.4 114.6

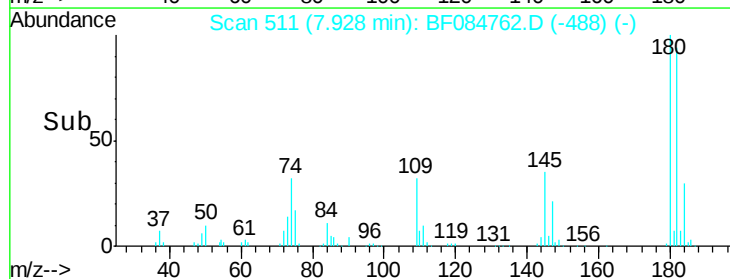
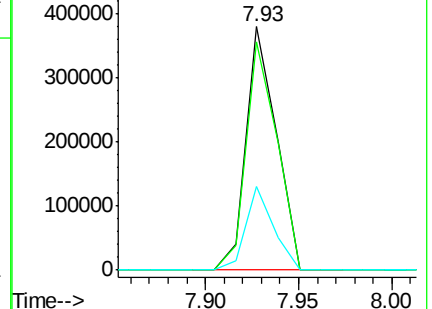
145 34.5 31.6 47.4



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: 37.42 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.02 min

Lab File: BF084762.D

Acq: 3 Feb 2016 00:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

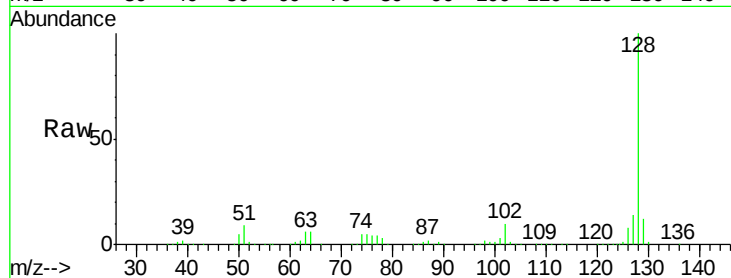
Tgt Ion:128 Resp: 1341270

Ion Ratio Lower Upper

128 100

129 11.9 9.1 13.7

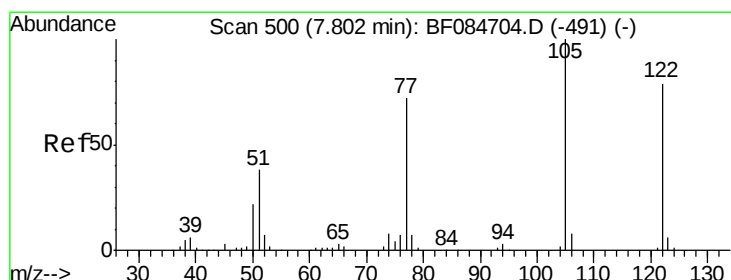
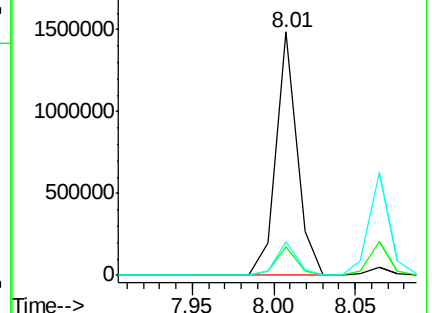
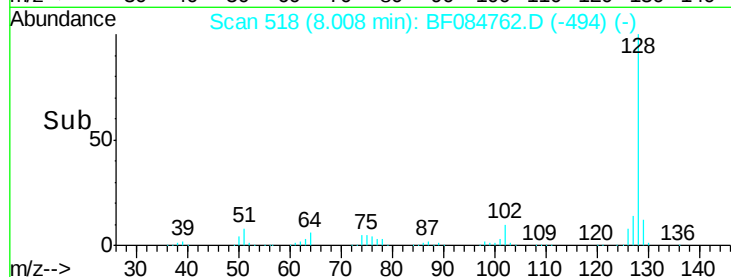
127 13.7 11.1 16.7



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: 42.13 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.01 min

Lab File: BF084762.D

Acq: 3 Feb 2016 00:13

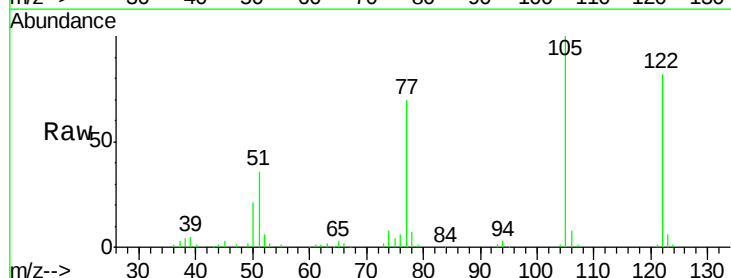
Tgt Ion:122 Resp: 313983

Ion Ratio Lower Upper

122 100

105 122.3 100.3 140.3

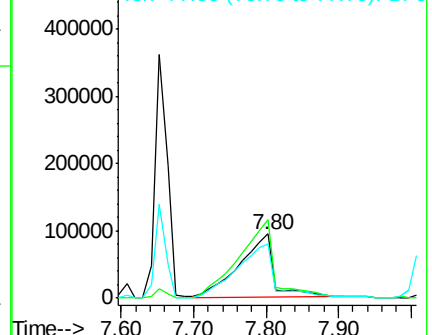
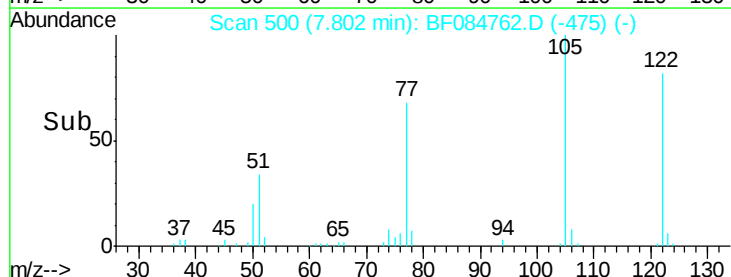
77 85.5 63.5 103.5

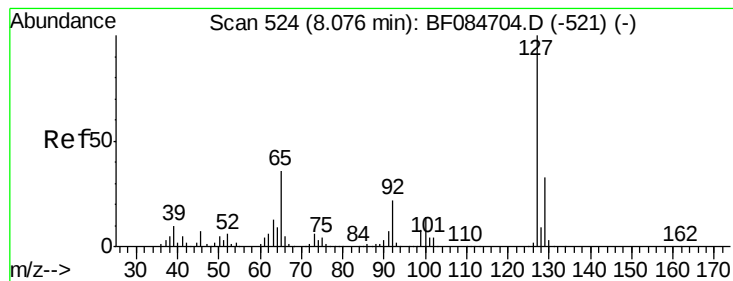


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 38.31 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.02 min

Lab File: BF084762.D

Acq: 3 Feb 2016 00:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 567915

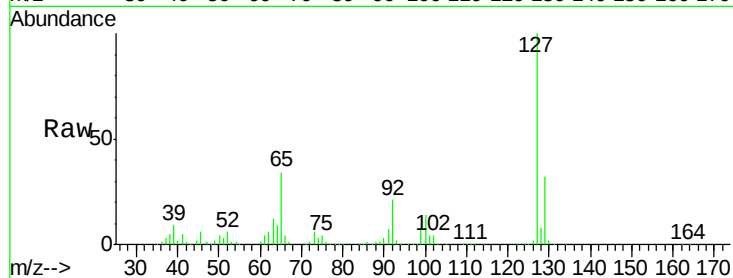
Ion Ratio Lower Upper

127 100

129 32.1 26.5 39.7

65 34.0 27.2 40.8

92 21.0 17.7 26.5

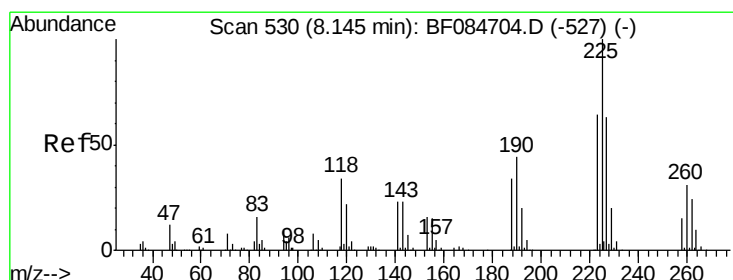
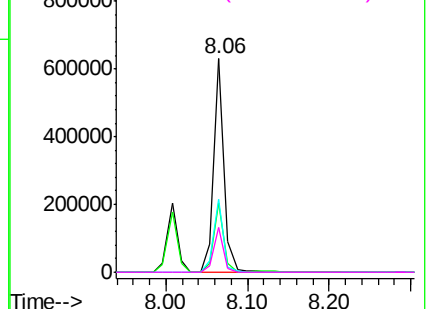
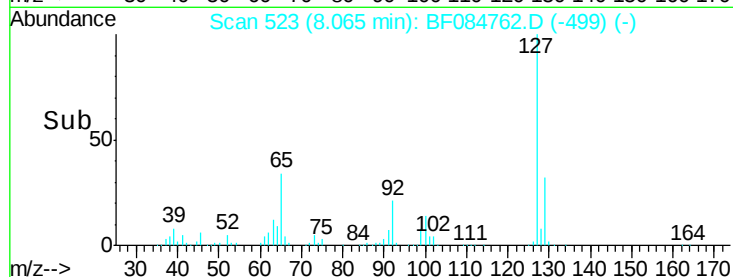


Abundance Ion 127.00 (126.70 to 127.70): E

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: 42.41 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.02 min

Lab File: BF084762.D

Acq: 3 Feb 2016 00:13

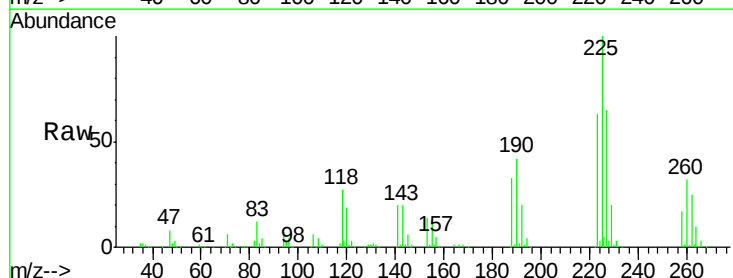
Tgt Ion:225 Resp: 275416

Ion Ratio Lower Upper

225 100

223 62.9 49.4 74.0

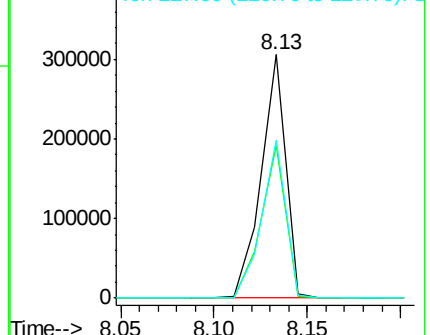
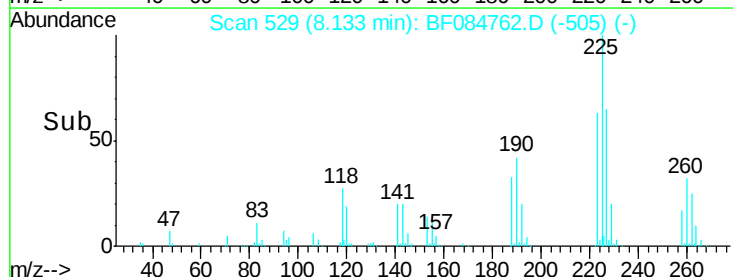
227 64.7 50.8 76.2



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

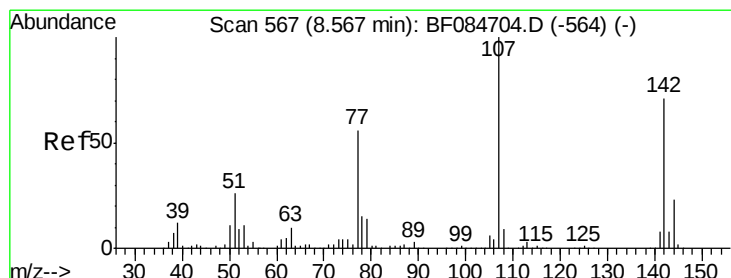
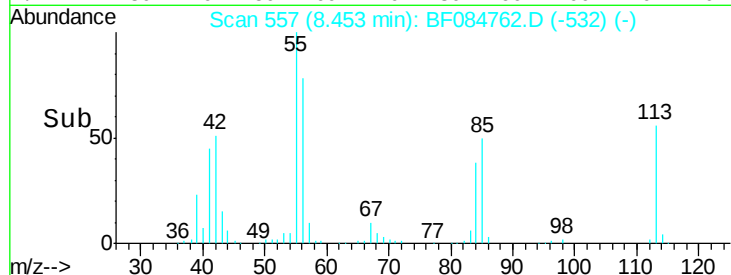
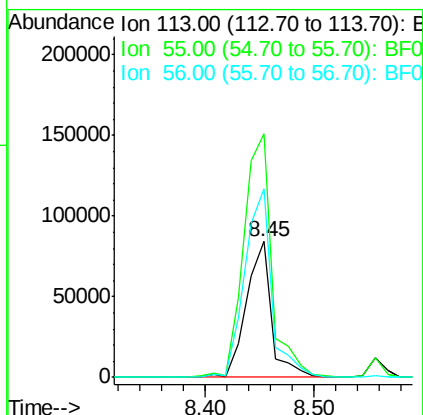
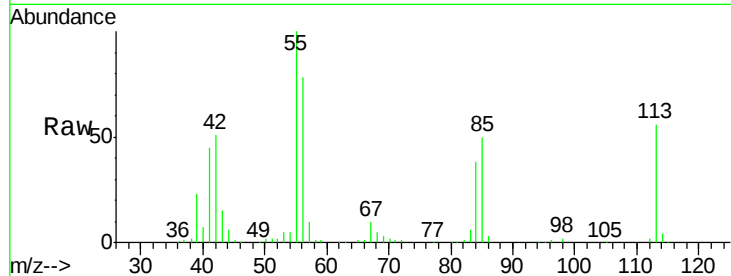




#35
 Caprolactam
 Concen: 43.76 ng
 RT: 8.45 min Scan# 557
 Delta R.T. -0.01 min
 Lab File: BF084762.D
 Acq: 3 Feb 2016 00:13

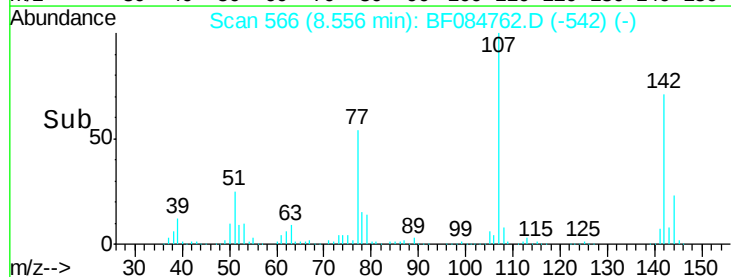
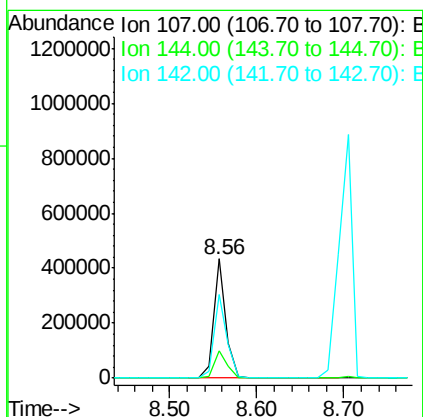
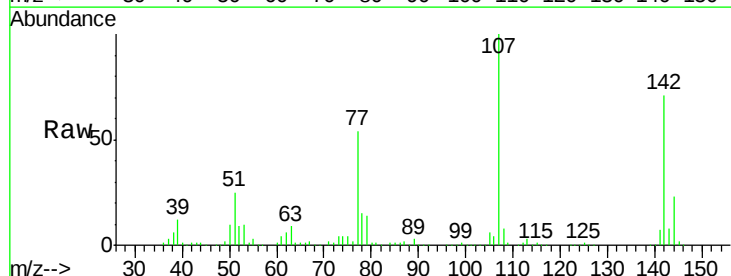
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

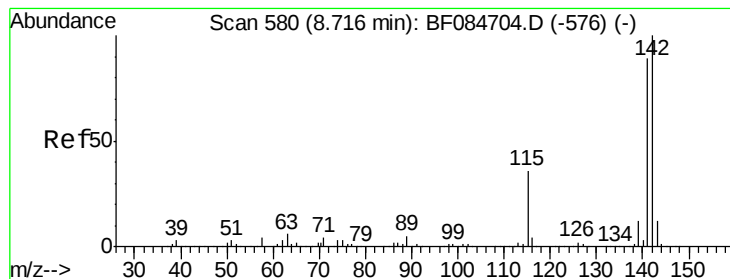
Tgt Ion:113 Resp: 134484
 Ion Ratio Lower Upper
 113 100
 55 179.6 116.9 156.9#
 56 139.2 93.8 133.8#



#36
 4-Chloro-3-methylphenol
 Concen: 37.37 ng
 RT: 8.56 min Scan# 566
 Delta R.T. -0.02 min
 Lab File: BF084762.D
 Acq: 3 Feb 2016 00:13

Tgt Ion:107 Resp: 425079
 Ion Ratio Lower Upper
 107 100
 144 22.8 19.7 29.5
 142 70.7 61.8 92.6





#37

2-Methylnaphthalene

Concen: 41.88 ng

RT: 8.70 min Scan# 579

Delta R.T. -0.02 min

Lab File: BF084762.D

Acq: 3 Feb 2016 00:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

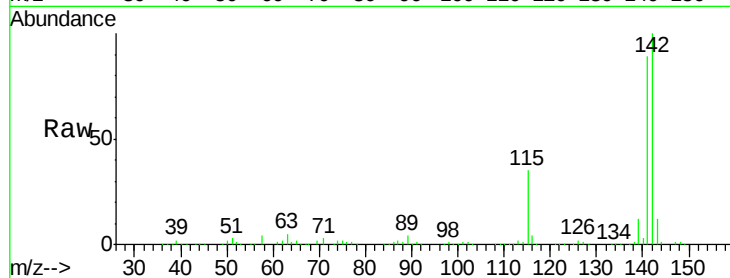
Tgt Ion:142 Resp: 939435

Ion Ratio Lower Upper

142 100

141 88.7 72.4 108.6

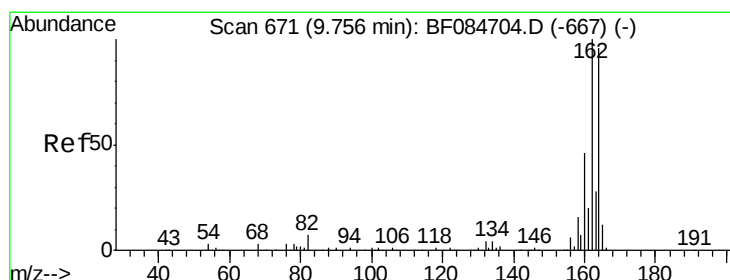
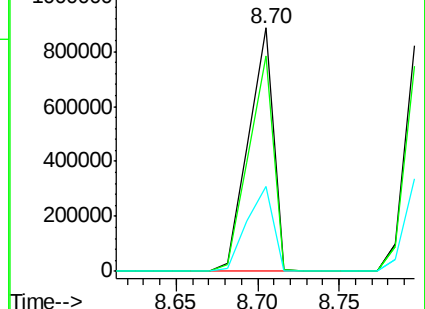
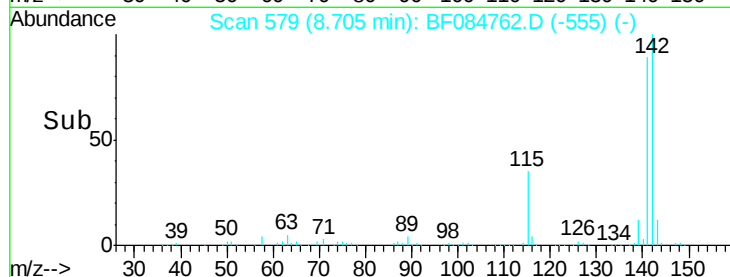
115 34.8 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.02 min

Lab File: BF084762.D

Acq: 3 Feb 2016 00:13

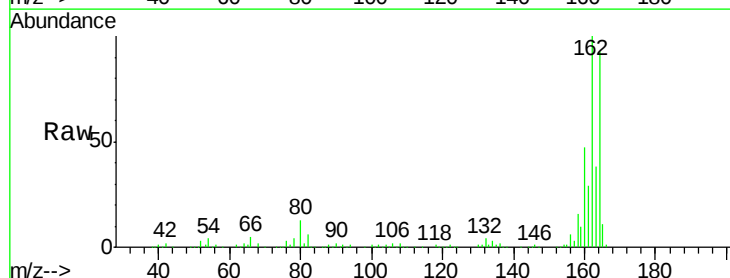
Tgt Ion:164 Resp: 337044

Ion Ratio Lower Upper

164 100

162 107.7 85.1 127.7

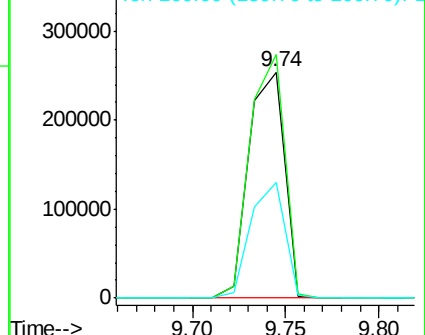
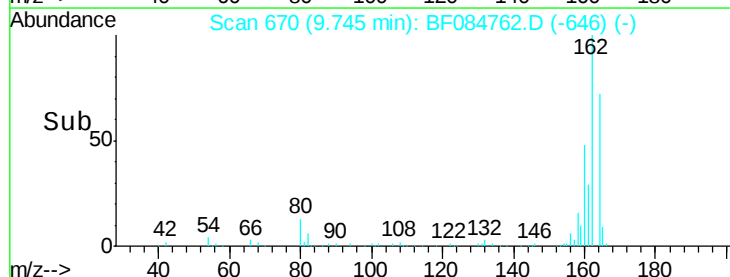
160 50.9 37.5 56.3

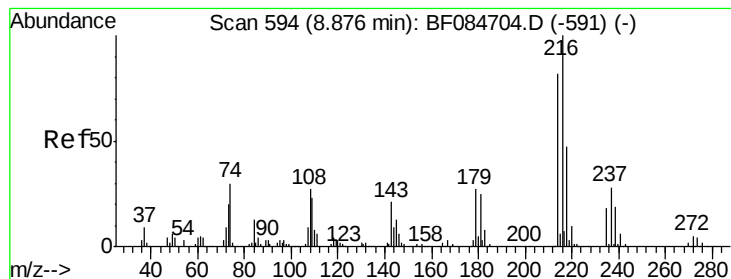


Abundance Ion 164.00 (163.70 to 164.70): E

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: 37.03 ng

RT: 8.86 min Scan# 593

Delta R.T. -0.03 min

Lab File: BF084762.D

Acq: 3 Feb 2016 00:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 396417

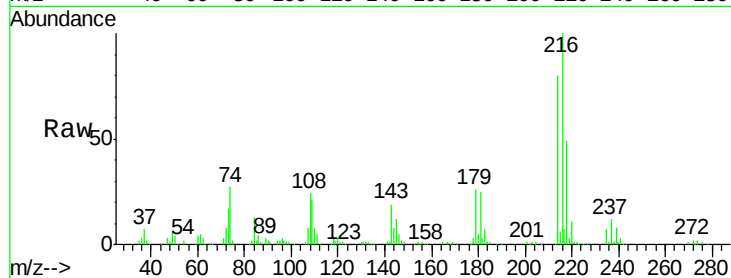
Ion Ratio Lower Upper

216 100

214 78.8 64.2 96.2

179 23.5 18.7 28.1

108 21.7 16.8 25.2

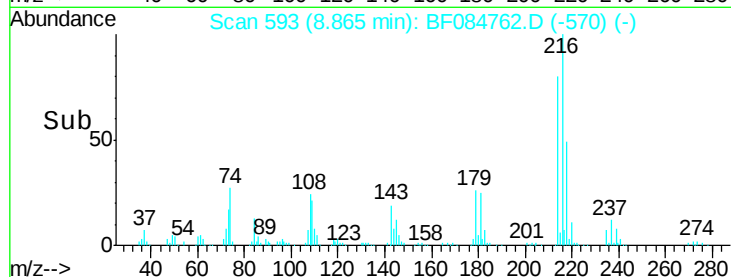


Abundance Ion 216.00 (215.70 to 216.70): E

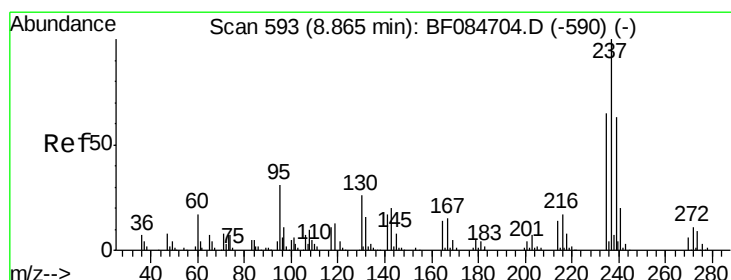
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 46.59 ng

RT: 8.85 min Scan# 592

Delta R.T. -0.02 min

Lab File: BF084762.D

Acq: 3 Feb 2016 00:13

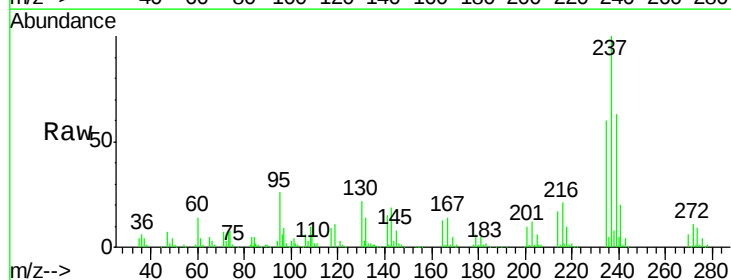
Tgt Ion:237 Resp: 181624

Ion Ratio Lower Upper

237 100

235 60.4 43.1 83.1

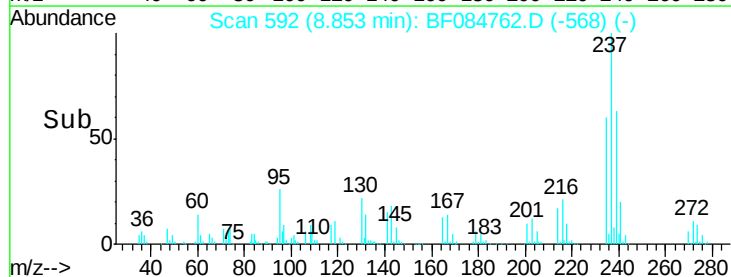
272 11.4 0.0 35.1



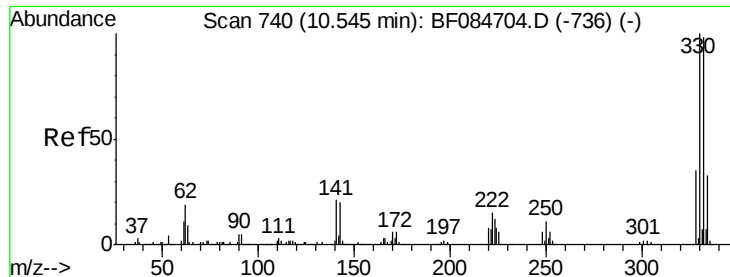
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



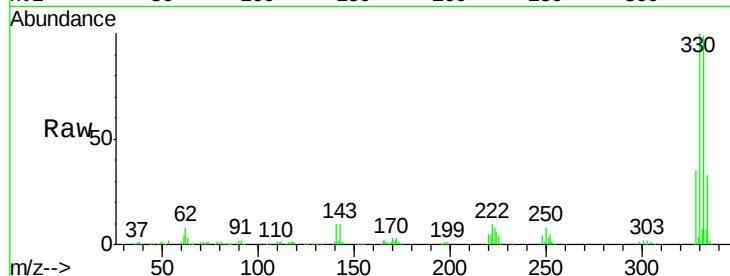
Time-->



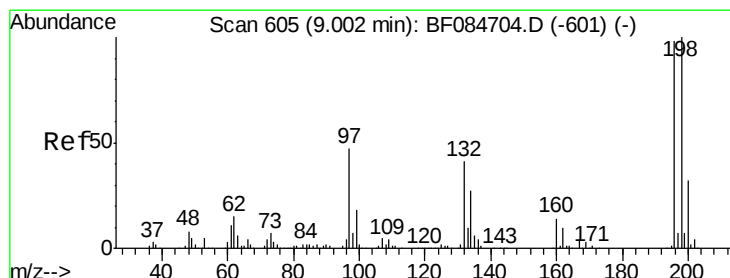
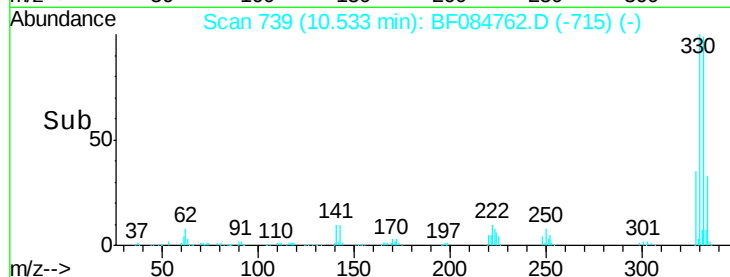
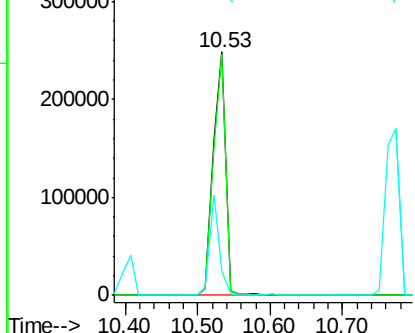
#41
 2,4,6-Tribromophenol
 Concen: 83.54 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.02 min
 Lab File: BF084762.D
 Acq: 3 Feb 2016 00:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 293714
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.6 114.8
 141 32.5 27.8 41.6

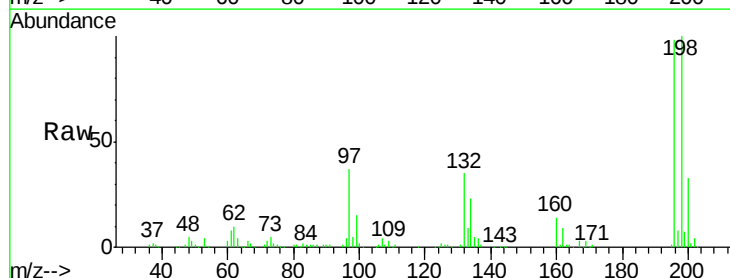


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

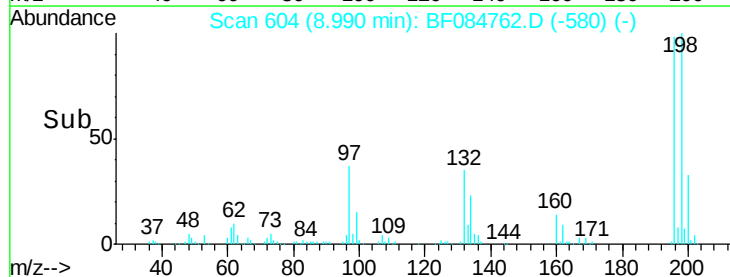
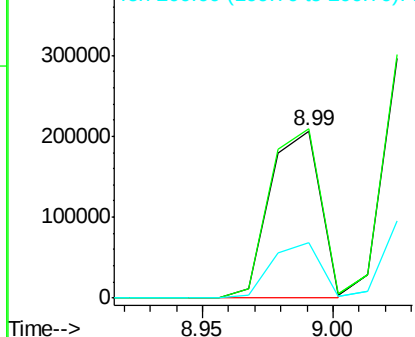


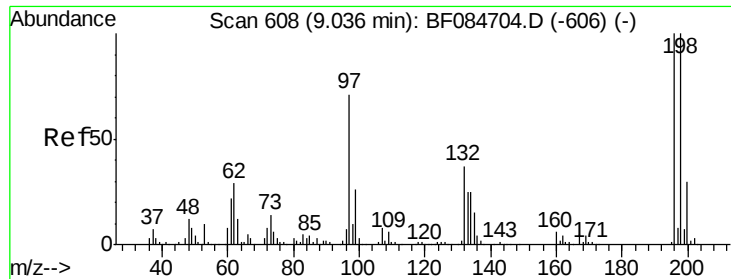
#42
 2,4,6-Trichlorophenol
 Concen: 39.91 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.02 min
 Lab File: BF084762.D
 Acq: 3 Feb 2016 00:13

Tgt Ion:196 Resp: 275199
 Ion Ratio Lower Upper
 196 100
 198 101.6 77.7 116.5
 200 33.5 24.6 37.0



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

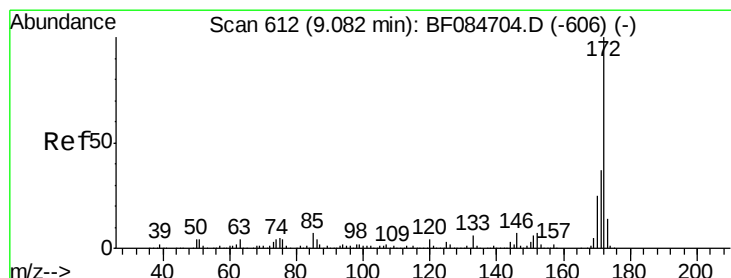
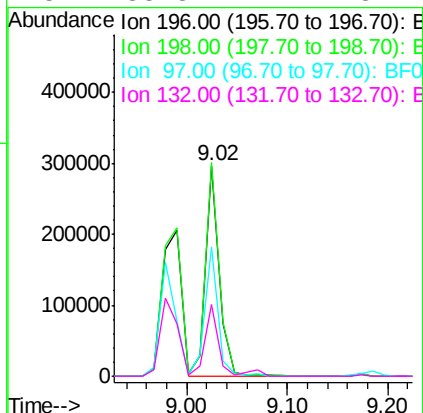
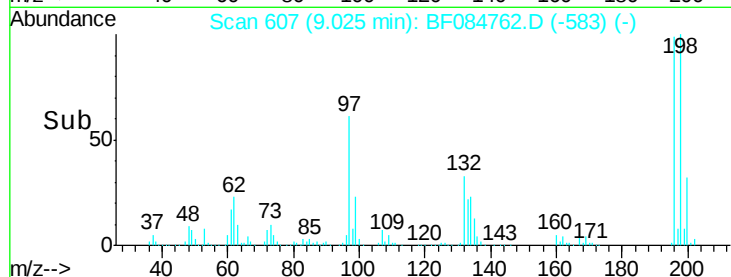
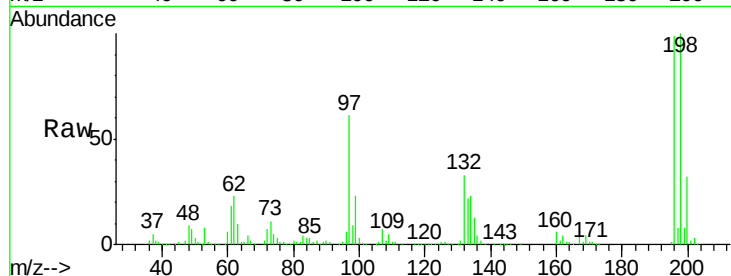




#43
 2,4,5-Trichlorophenol
 Concen: 40.20 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF084762.D
 Acq: 3 Feb 2016 00:13

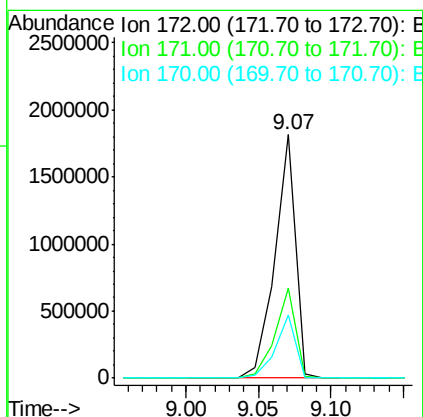
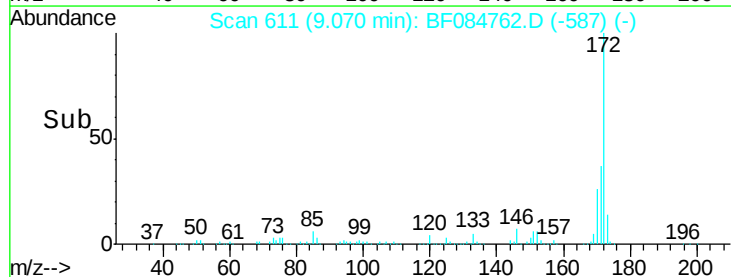
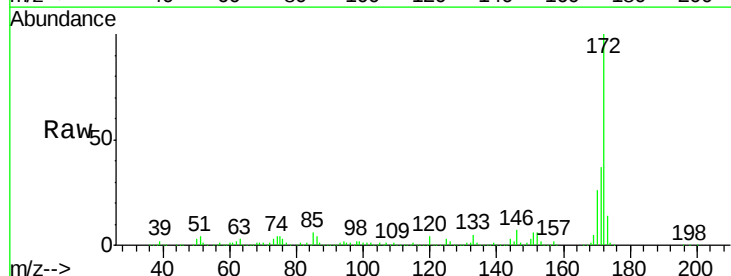
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.4	79.0	118.6
97	61.6	33.0	49.6
132	33.8	21.1	31.7



#44
 2-Fluorobiphenyl
 Concen: 91.97 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF084762.D
 Acq: 3 Feb 2016 00:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	28.9	43.3
170	25.7	18.6	27.8

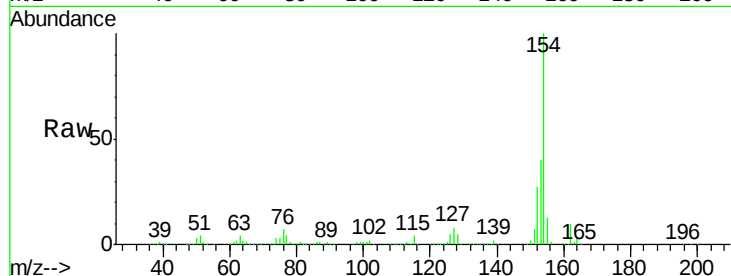




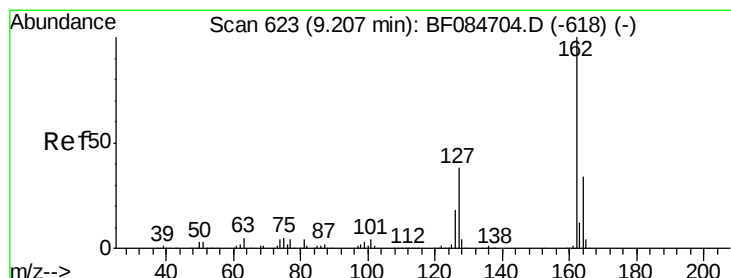
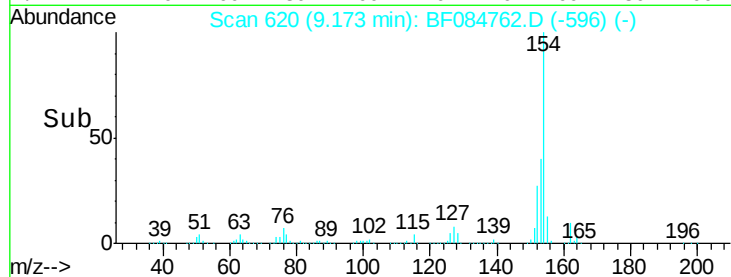
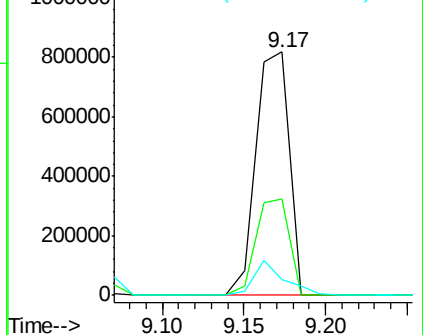
#45
 1,1'-Biphenyl
 Concen: 38.50 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.02 min
 Lab File: BF084762.D
 Acq: 3 Feb 2016 00:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:154 Resp: 1159127
 Ion Ratio Lower Upper
 154 100
 153 39.7 21.6 61.6
 76 6.6 0.0 32.7

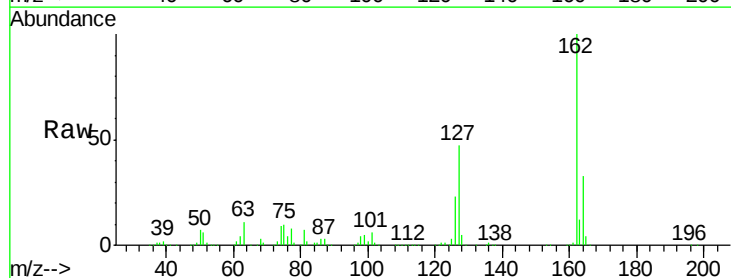


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

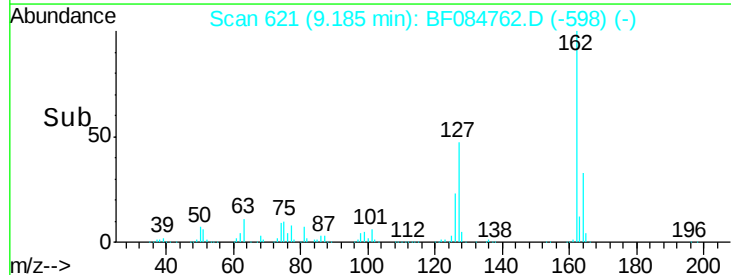
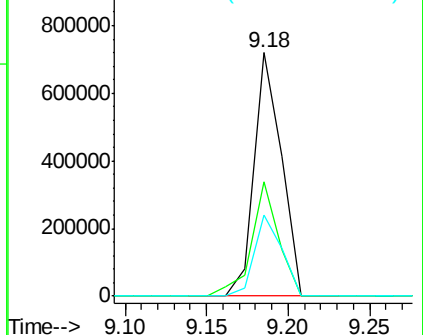


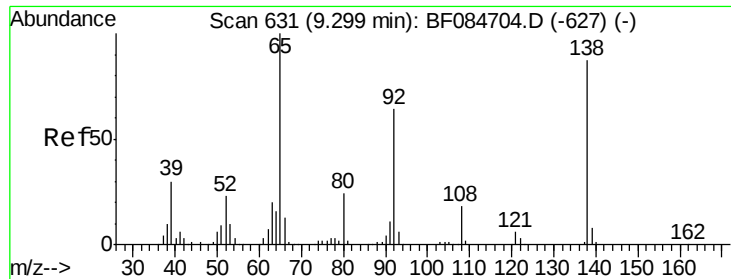
#46
 2-Chloronaphthalene
 Concen: 37.72 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.03 min
 Lab File: BF084762.D
 Acq: 3 Feb 2016 00:13

Tgt Ion:162 Resp: 836281
 Ion Ratio Lower Upper
 162 100
 127 47.1 40.2 60.4
 164 33.2 25.7 38.5



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

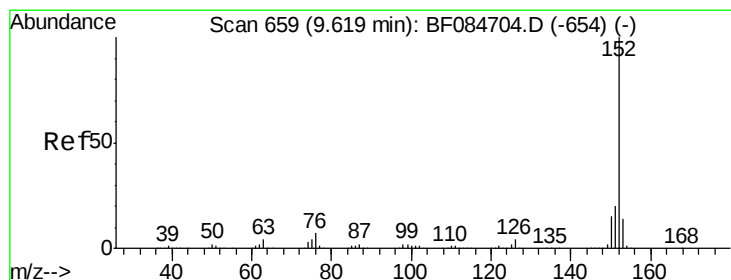
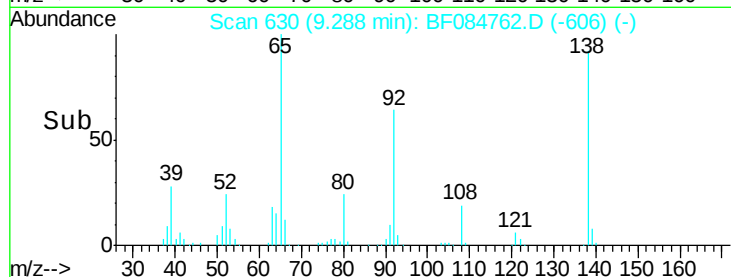
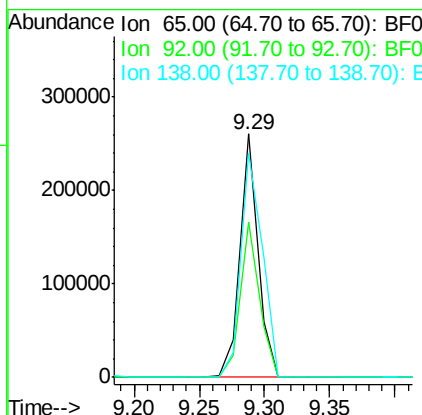
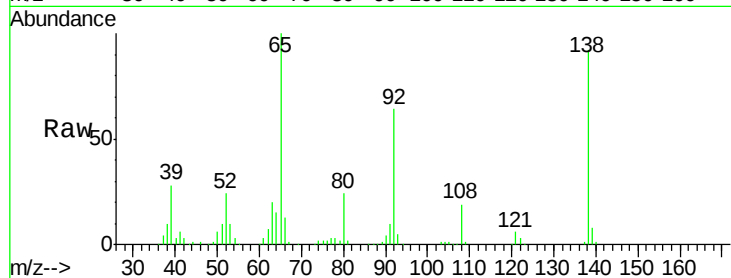




#47
2-Nitroaniline
Concen: 35.48 ng
RT: 9.29 min Scan# 630
Delta R.T. -0.02 min
Lab File: BF084762.D
Acq: 3 Feb 2016 00:13

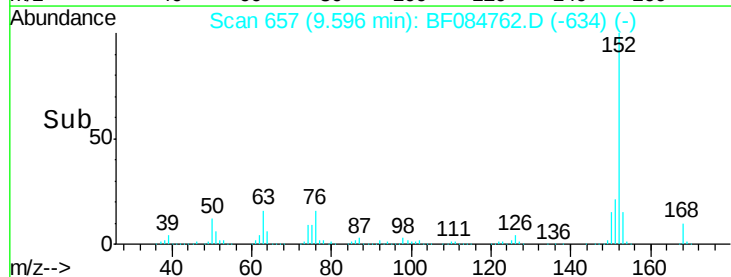
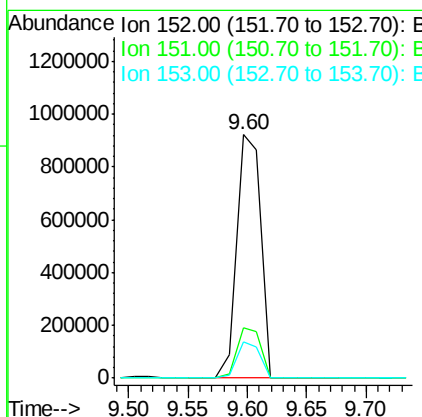
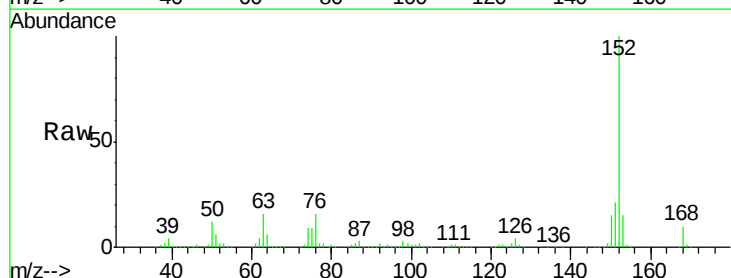
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

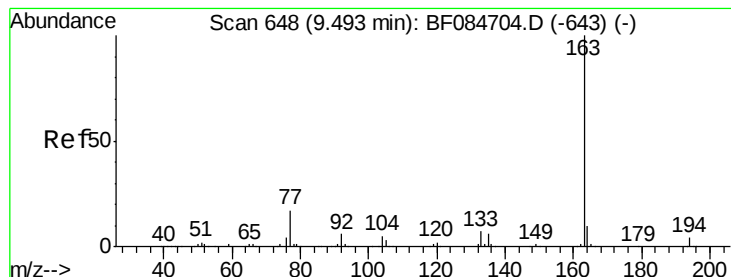
Tgt Ion: 65 Resp: 249095
Ion Ratio Lower Upper
65 100
92 64.0 53.4 80.2
138 91.9 71.1 106.7



#48
Acenaphthylene
Concen: 38.38 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.03 min
Lab File: BF084762.D
Acq: 3 Feb 2016 00:13

Tgt Ion: 152 Resp: 1291069
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 14.7 10.4 15.6





#49

Dimethylphthalate

Concen: 41.03 ng

RT: 9.48 min Scan# 647

Delta R.T. -0.02 min

Lab File: BF084762.D

Acq: 3 Feb 2016 00:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

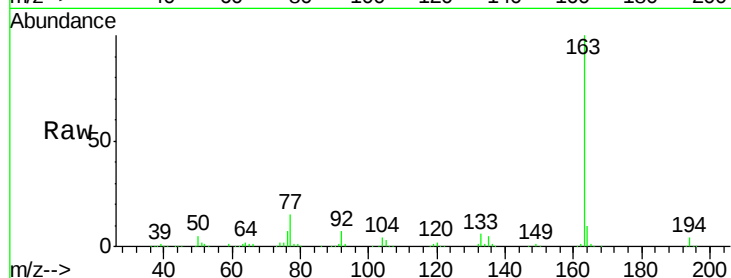
Tgt Ion:163 Resp: 1053314

Ion Ratio Lower Upper

163 100

194 3.6 8.0 12.0#

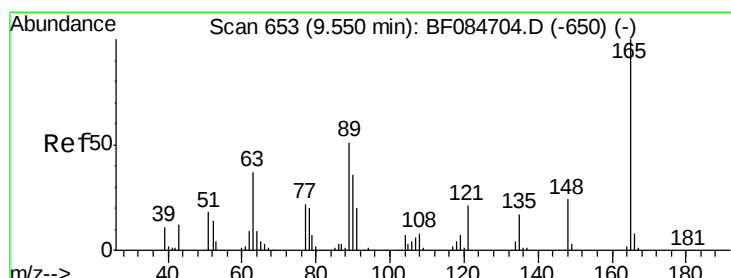
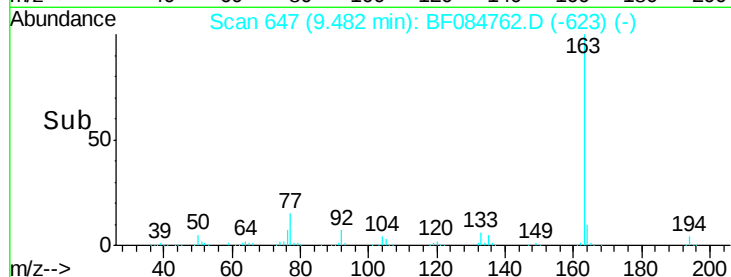
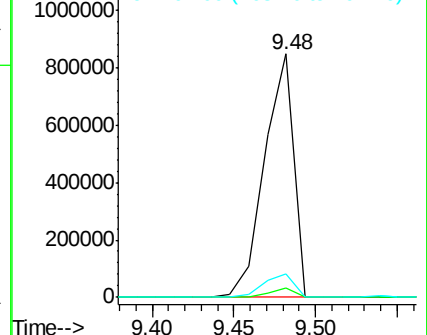
164 9.9 8.0 12.0



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: 44.50 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.02 min

Lab File: BF084762.D

Acq: 3 Feb 2016 00:13

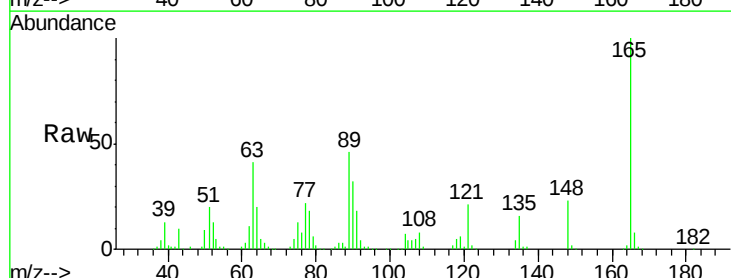
Tgt Ion:165 Resp: 249575

Ion Ratio Lower Upper

165 100

63 40.8 28.8 43.2

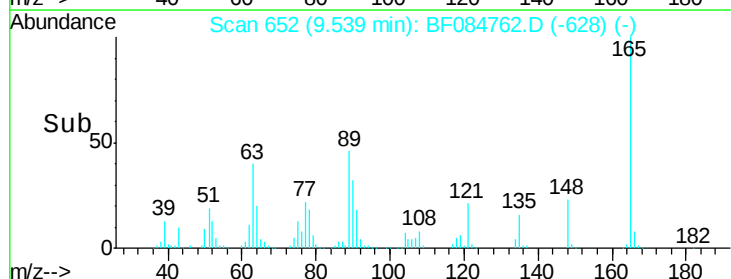
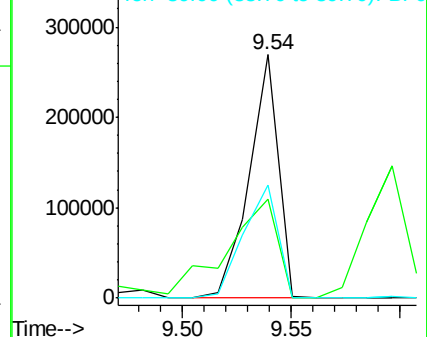
89 46.3 35.1 52.7

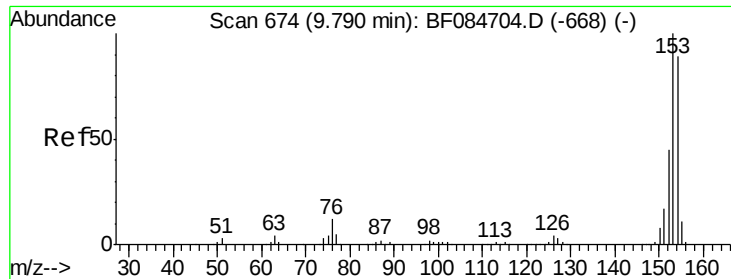


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.29 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.02 min

Lab File: BF084762.D

Acq: 3 Feb 2016 00:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

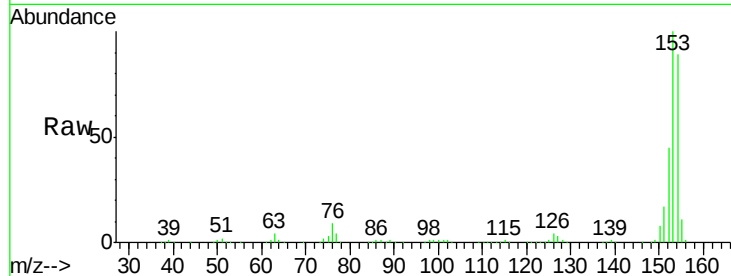
Tgt Ion:154 Resp: 859959

Ion Ratio Lower Upper

154 100

153 111.7 91.5 137.3

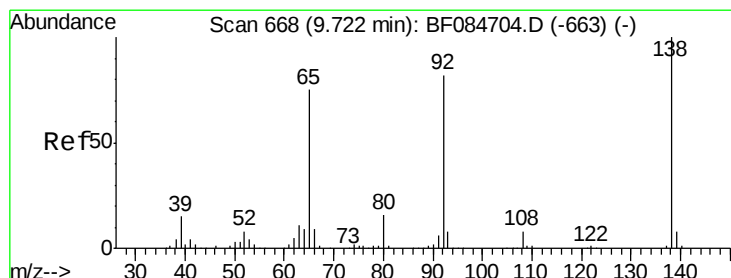
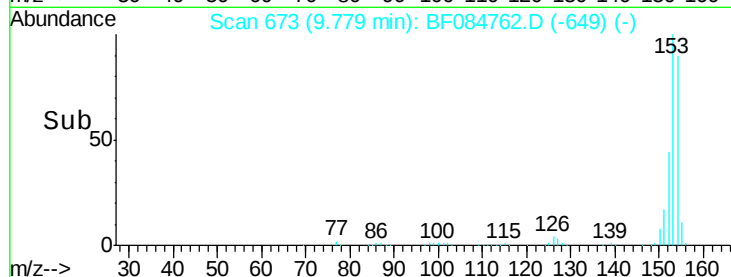
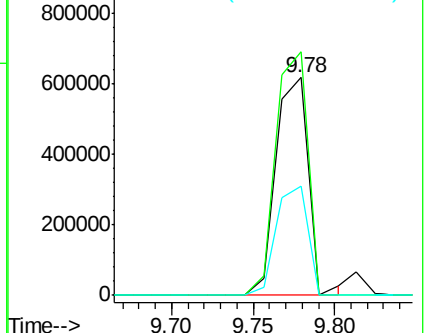
152 50.1 43.0 64.6



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: 35.51 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.02 min

Lab File: BF084762.D

Acq: 3 Feb 2016 00:13

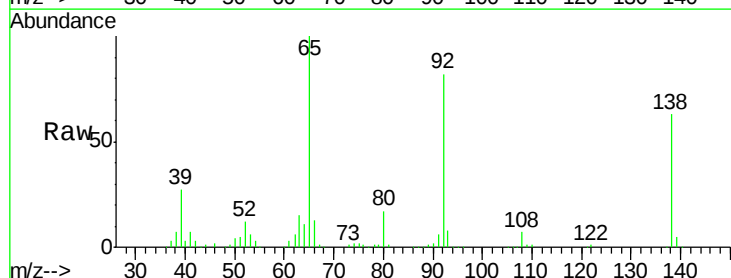
Tgt Ion:138 Resp: 223776

Ion Ratio Lower Upper

138 100

108 11.6 10.5 15.7

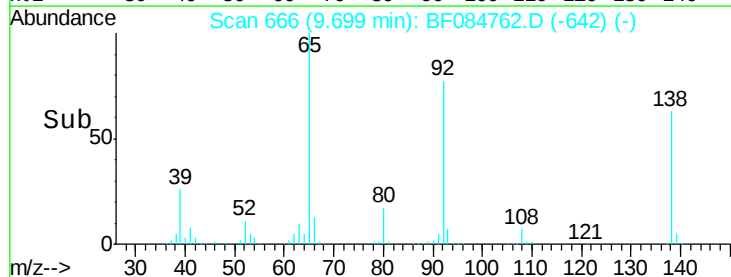
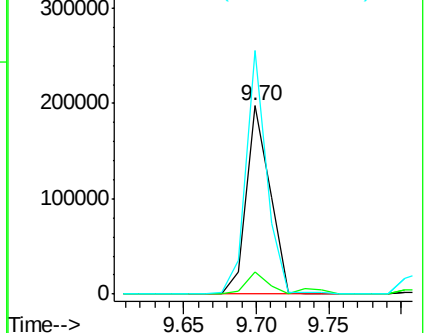
92 129.5 103.9 155.9

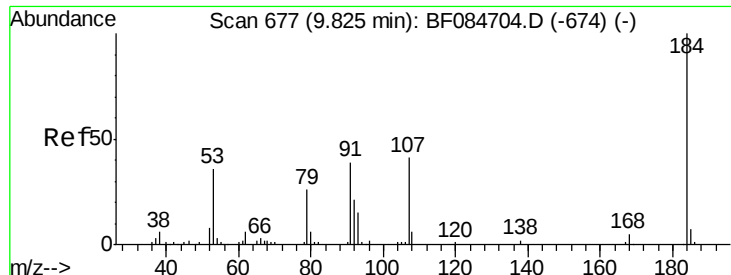


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

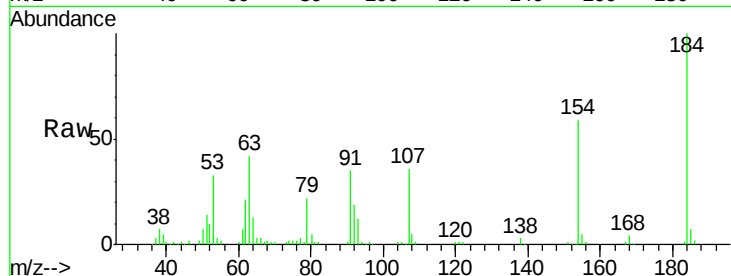




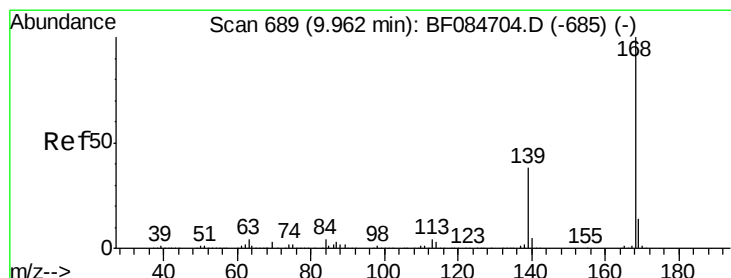
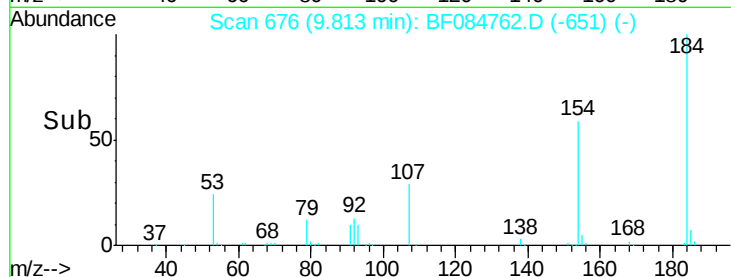
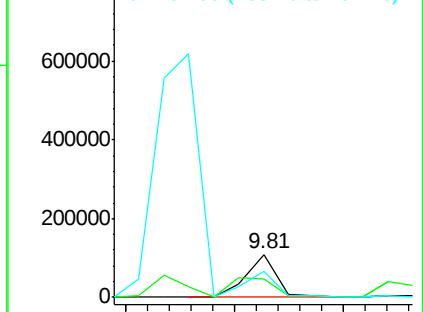
#53
2,4-Dinitrophenol
Concen: 43.85 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF084762.D
Acq: 3 Feb 2016 00:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 106178
Ion Ratio Lower Upper
184 100
63 41.8 43.1 64.7#
154 59.5 60.5 90.7#

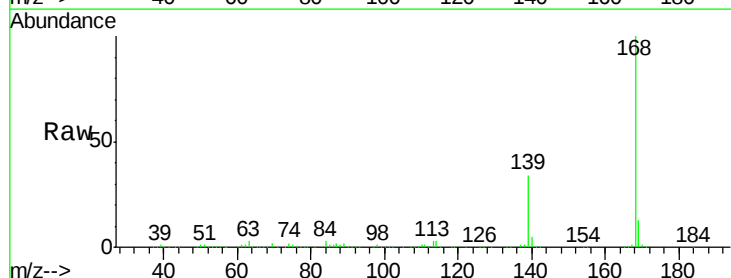


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

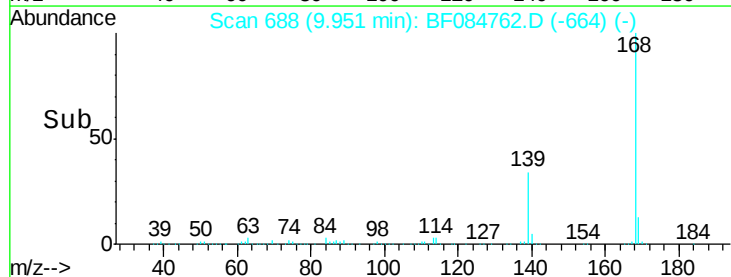
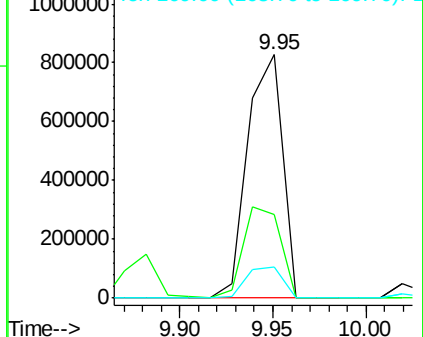


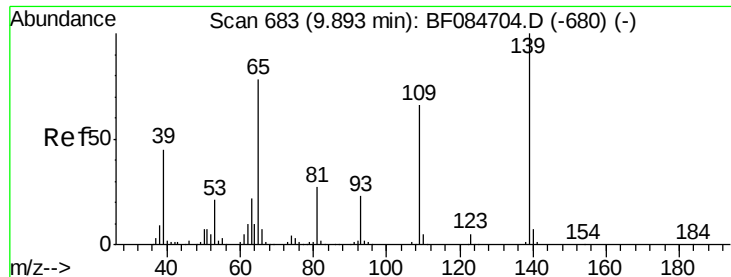
#54
Dibenzofuran
Concen: 40.01 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.02 min
Lab File: BF084762.D
Acq: 3 Feb 2016 00:13

Tgt Ion:168 Resp: 1070269
Ion Ratio Lower Upper
168 100
139 34.4 30.5 45.7
169 13.0 10.4 15.6



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

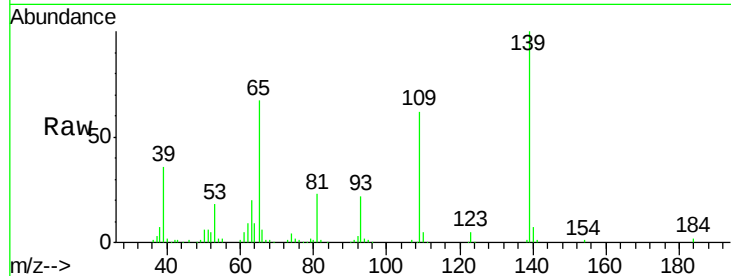




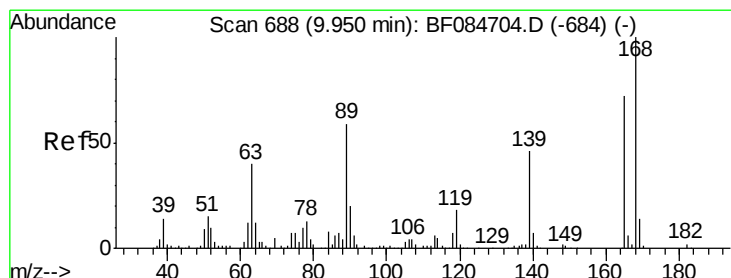
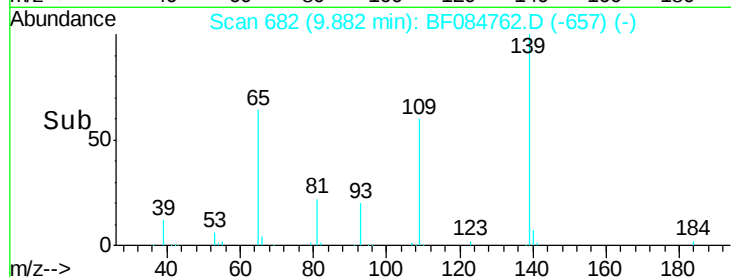
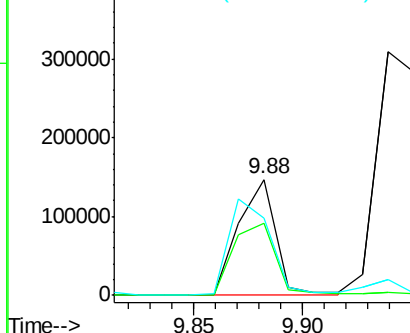
#55
4-Nitrophenol
Concen: 38.20 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF084762.D
Acq: 3 Feb 2016 00:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:139 Resp: 176896
Ion Ratio Lower Upper
139 100
109 62.2 58.5 98.5
65 66.9 57.6 97.6

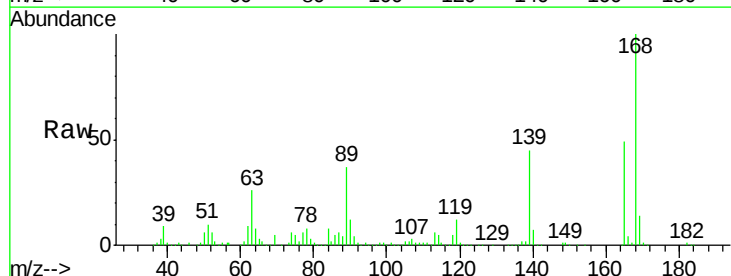


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

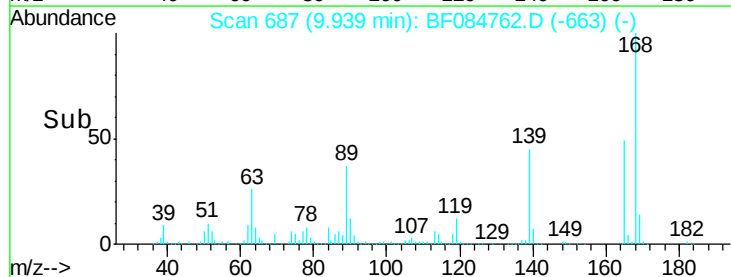
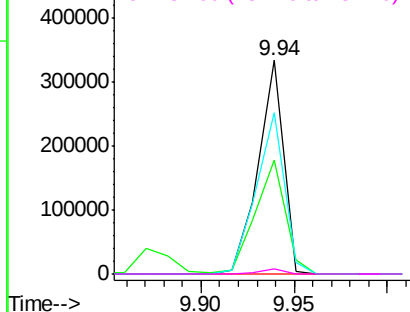


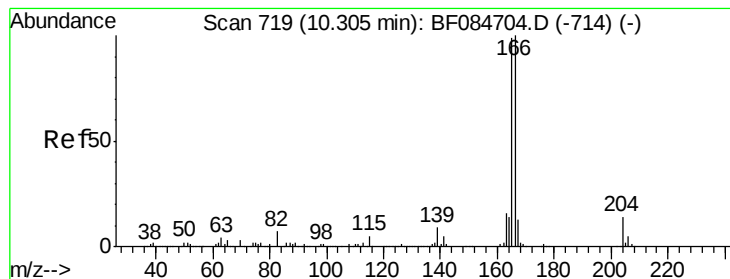
#56
2,4-Dinitrotoluene
Concen: 43.73 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF084762.D
Acq: 3 Feb 2016 00:13

Tgt Ion:165 Resp: 312756
Ion Ratio Lower Upper
165 100
63 53.1 36.7 55.1
89 75.6 61.9 92.9
182 2.4 2.0 3.0



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
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 38.67 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF084762.D

Acq: 3 Feb 2016 00:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

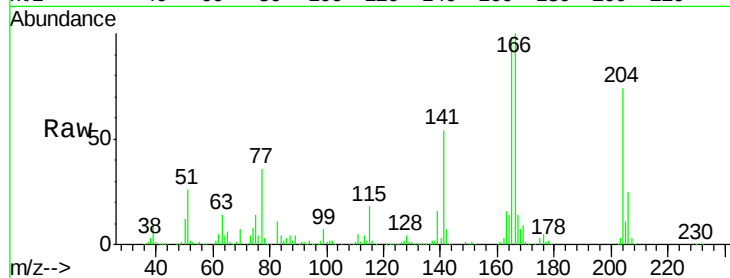
Tgt Ion:166 Resp: 863762

Ion Ratio Lower Upper

166 100

165 97.8 79.1 118.7

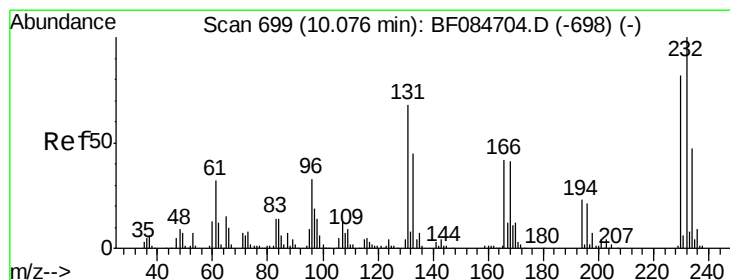
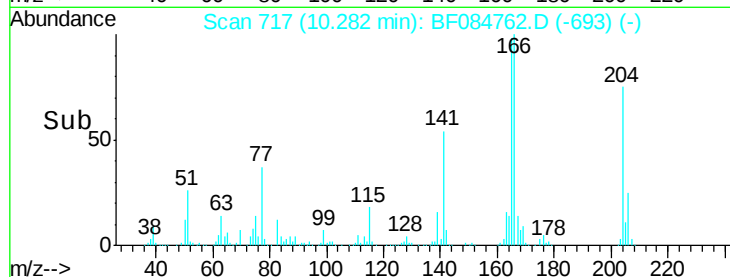
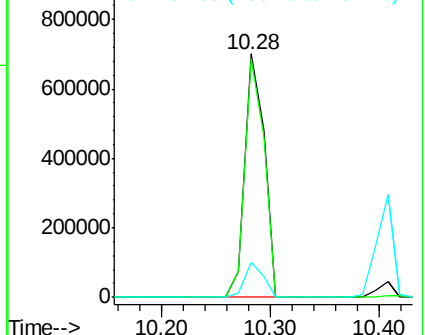
167 14.3 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.82 ng

RT: 10.06 min Scan# 698

Delta R.T. -0.02 min

Lab File: BF084762.D

Acq: 3 Feb 2016 00:13

Tgt Ion:232 Resp: 212397

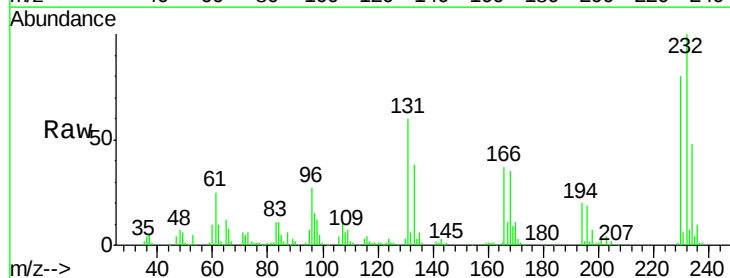
Ion Ratio Lower Upper

232 100

131 52.9 47.0 70.6

130 2.3 2.0 3.0

166 33.6 30.5 45.7

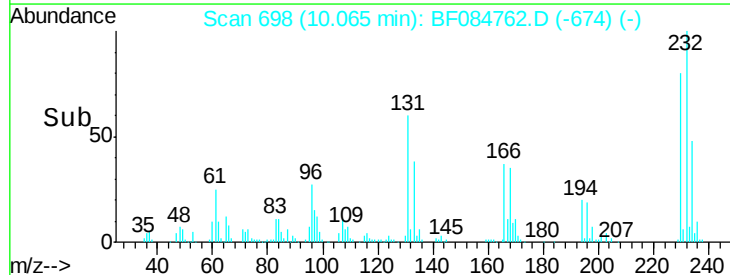
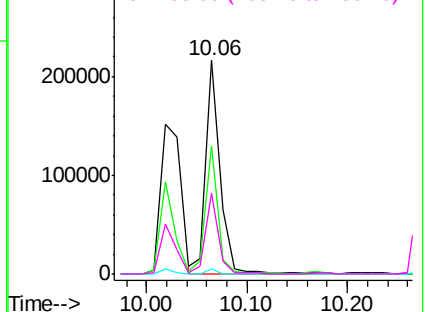


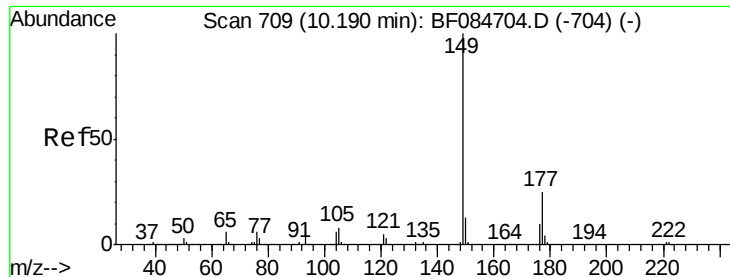
Abundance Ion 232.00 (231.70 to 232.70): E

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

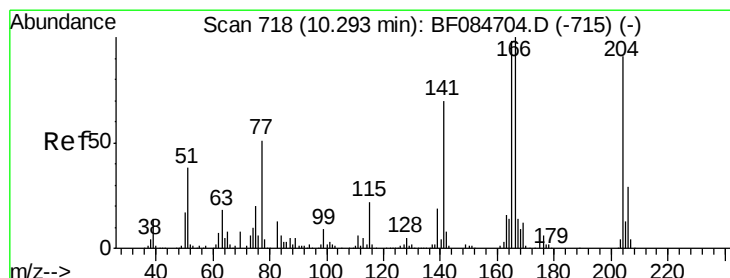
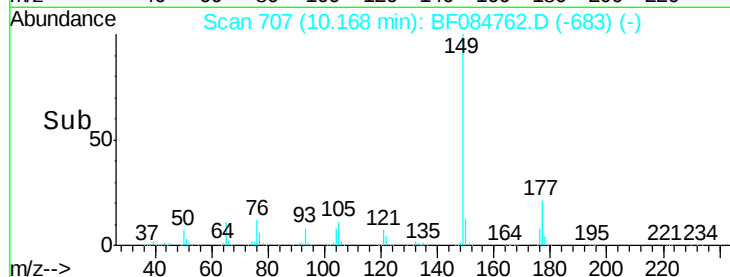
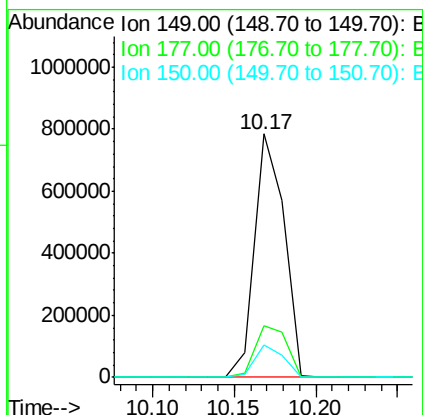
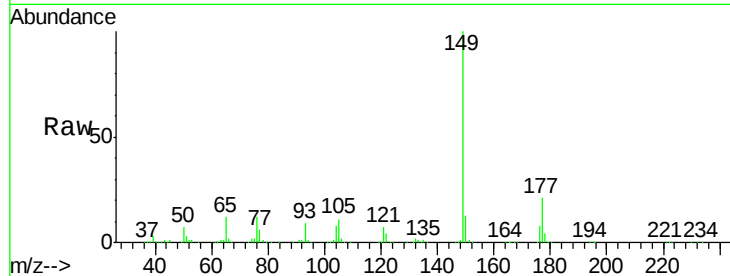




#59
Diethylphthalate
Concen: 39.46 ng
RT: 10.17 min Scan# 707
Delta R.T. -0.02 min
Lab File: BF084762.D
Acq: 3 Feb 2016 00:13

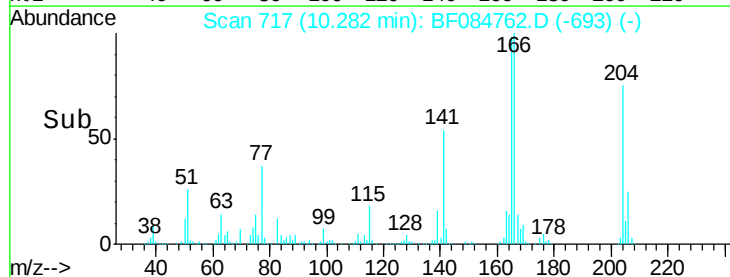
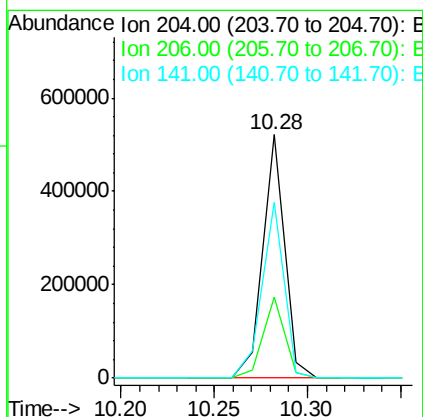
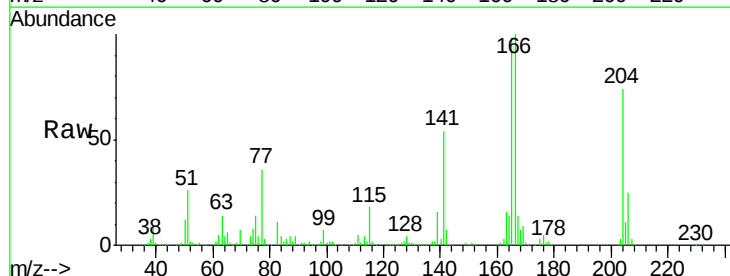
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

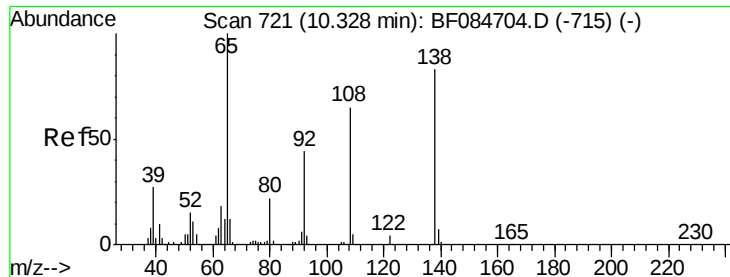
Tgt Ion:149 Resp: 989074
Ion Ratio Lower Upper
149 100
177 21.0 17.3 25.9
150 13.1 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 44.82 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF084762.D
Acq: 3 Feb 2016 00:13

Tgt Ion:204 Resp: 420924
Ion Ratio Lower Upper
204 100
206 33.1 25.7 38.5
141 72.1 55.1 82.7

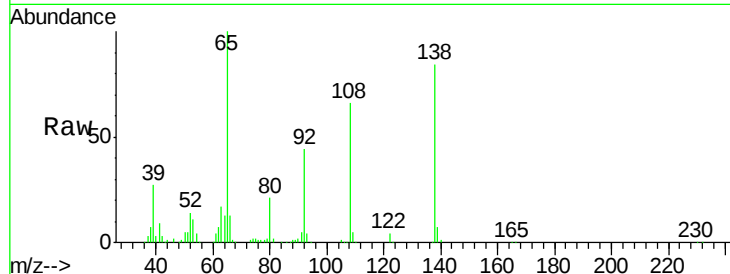




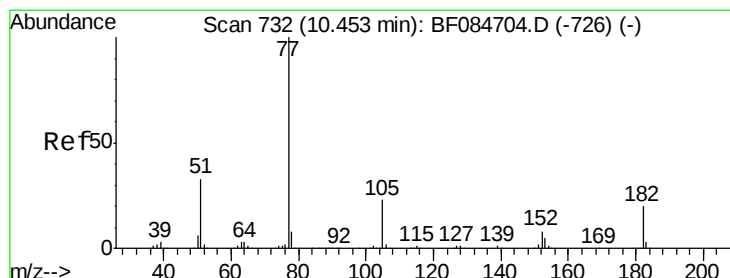
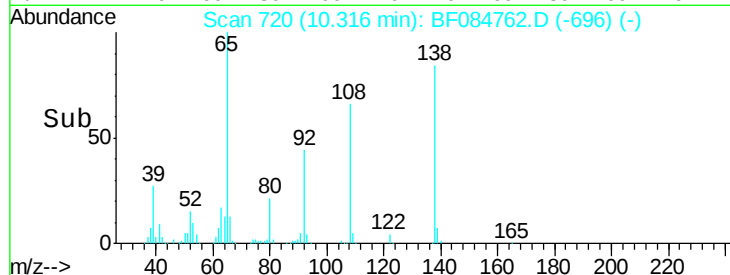
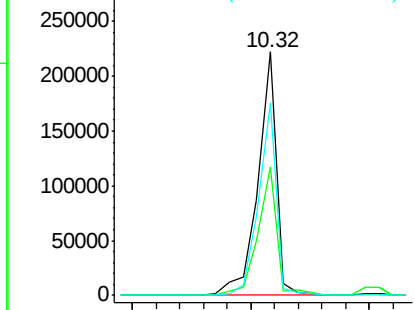
#61
4-Nitroaniline
Concen: 39.52 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF084762.D
Acq: 3 Feb 2016 00:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 242672
Ion Ratio Lower Upper
138 100
92 52.7 32.6 72.6
108 78.8 68.6 108.6

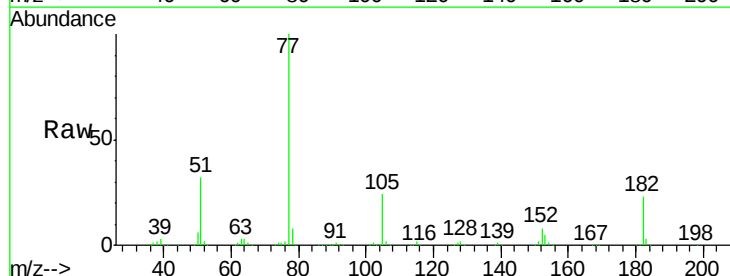


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

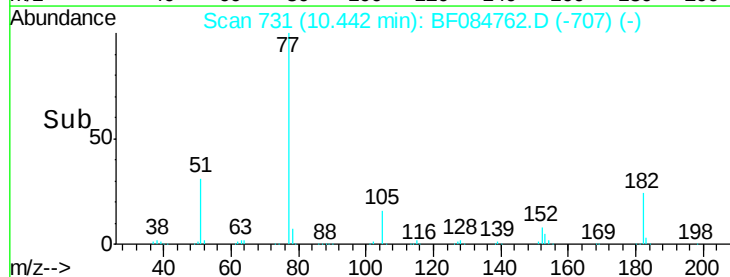
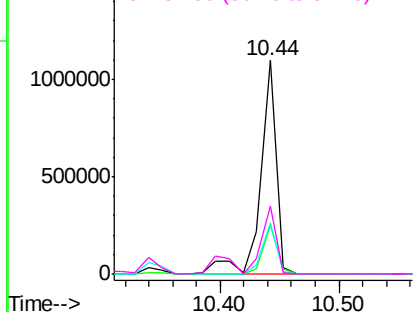


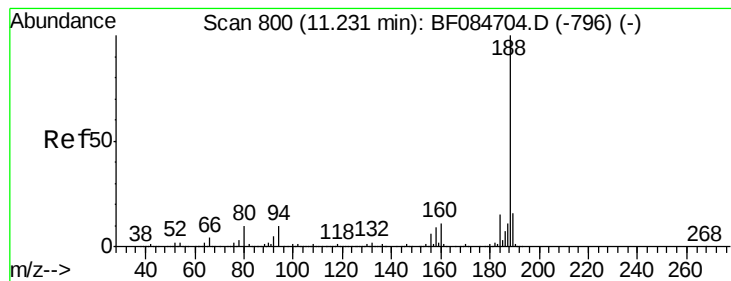
#62
Azobenzene
Concen: 42.44 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.02 min
Lab File: BF084762.D
Acq: 3 Feb 2016 00:13

Tgt Ion: 77 Resp: 1022831
Ion Ratio Lower Upper
77 100
182 22.9 8.3 48.3
105 23.8 4.6 44.6
51 32.0 6.2 46.2



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: 11.22 min Scan# 799

Delta R.T. -0.02 min

Lab File: BF084762.D

Acq: 3 Feb 2016 00:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

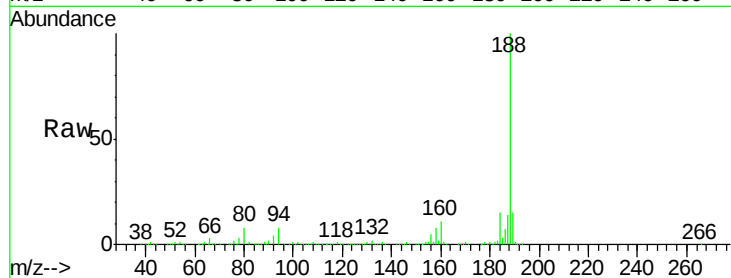
Tgt Ion:188 Resp: 632100

Ion Ratio Lower Upper

188 100

94 7.6 9.0 13.4#

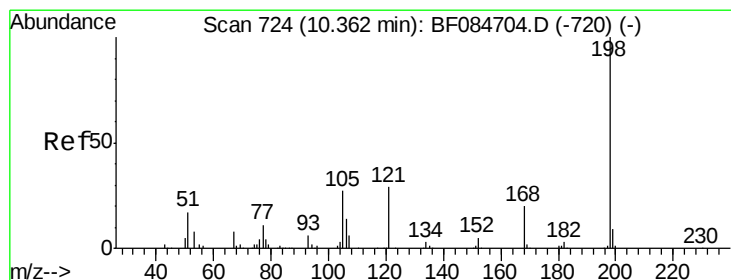
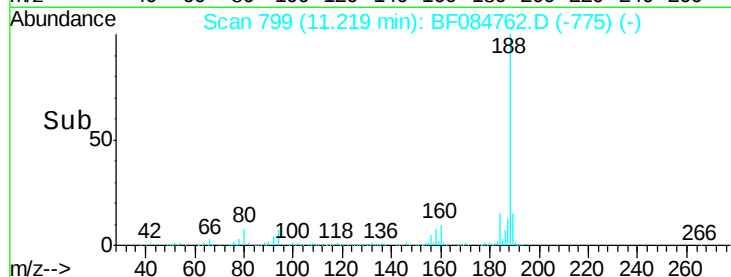
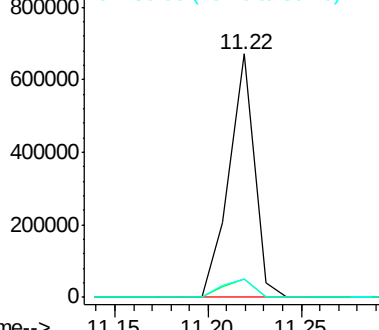
80 7.8 9.6 14.4#



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: 43.36 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF084762.D

Acq: 3 Feb 2016 00:13

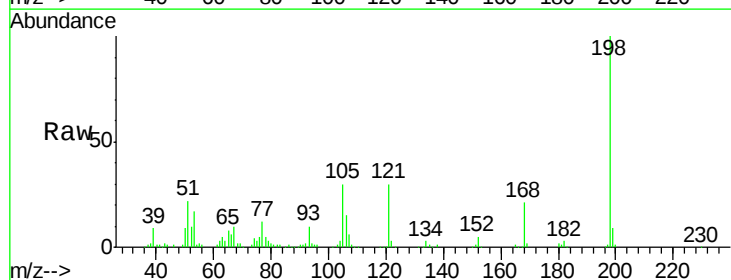
Tgt Ion:198 Resp: 169153

Ion Ratio Lower Upper

198 100

51 21.7 18.9 58.9

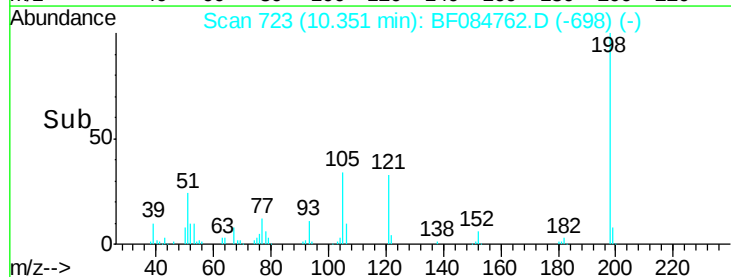
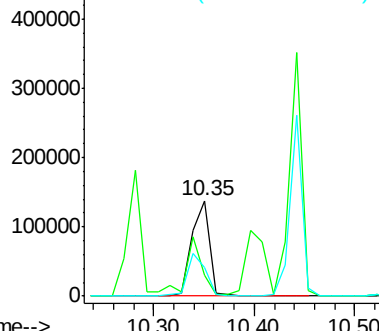
105 29.9 26.4 66.4

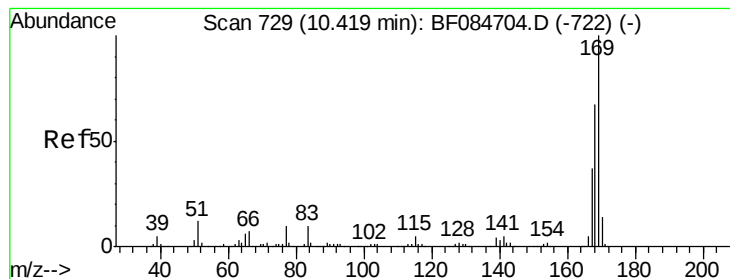


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.97 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF084762.D

Acq: 3 Feb 2016 00:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

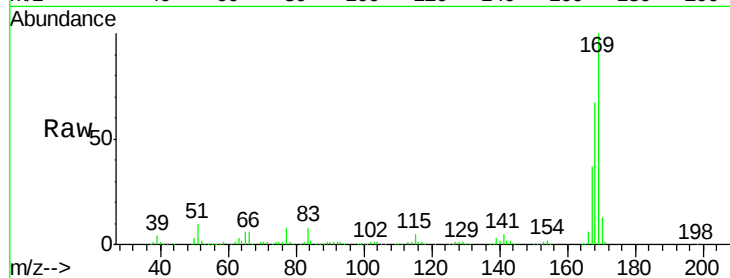
Tgt Ion:169 Resp: 842307

Ion Ratio Lower Upper

169 100

168 67.0 55.1 82.7

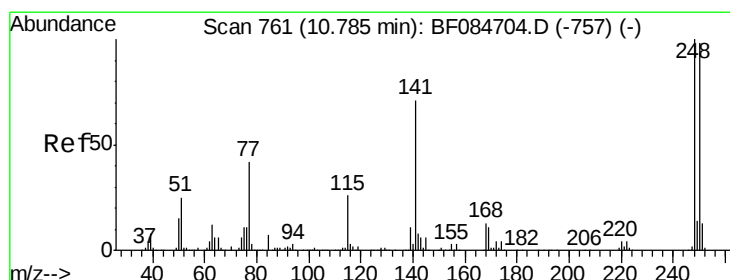
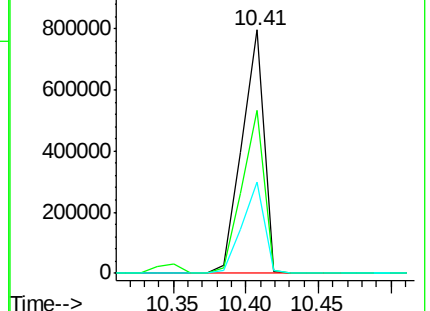
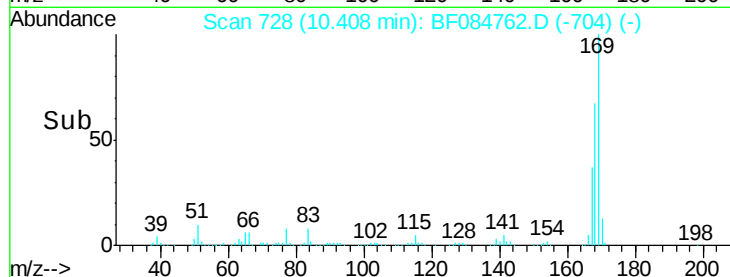
167 37.2 30.0 45.0



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: 42.67 ng

RT: 10.77 min Scan# 760

Delta R.T. -0.02 min

Lab File: BF084762.D

Acq: 3 Feb 2016 00:13

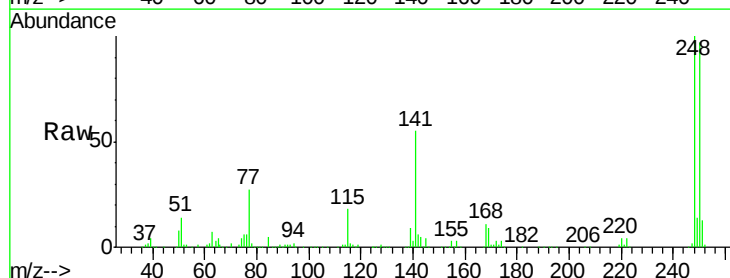
Tgt Ion:248 Resp: 297899

Ion Ratio Lower Upper

248 100

250 97.1 78.4 117.6

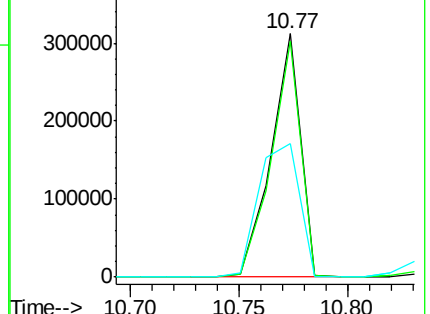
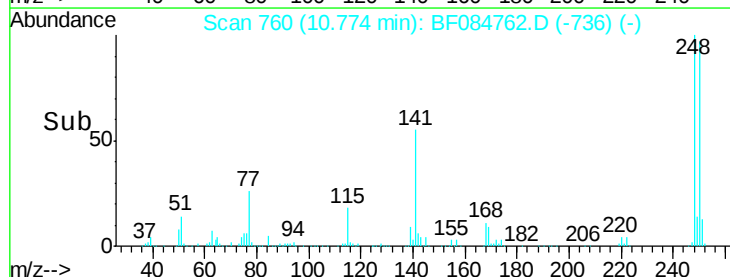
141 54.6 44.0 66.0

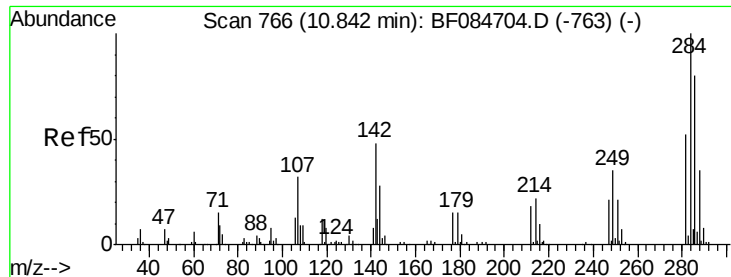


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

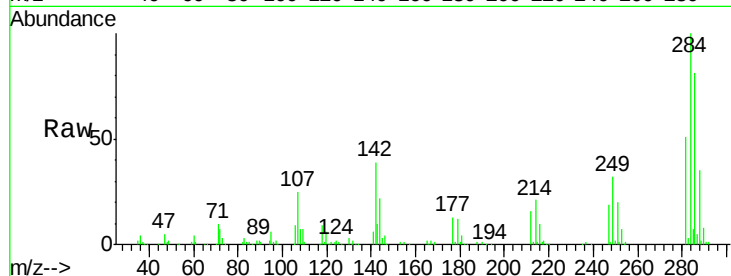




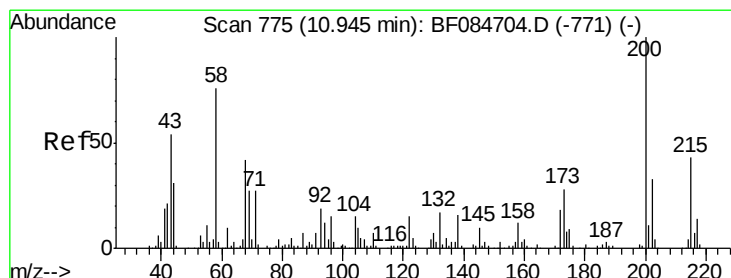
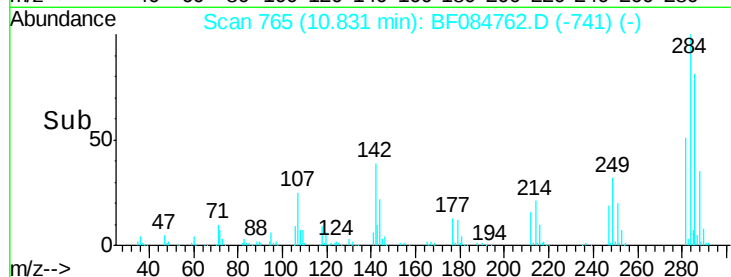
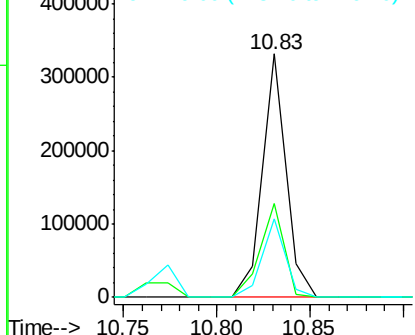
#67
Hexachlorobenzene
Concen: 38.00 ng
RT: 10.83 min Scan# 765
Delta R.T. -0.02 min
Lab File: BF084762.D
Acq: 3 Feb 2016 00:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:284 Resp: 289076
Ion Ratio Lower Upper
284 100
142 38.5 22.2 33.4#
249 32.2 24.6 37.0

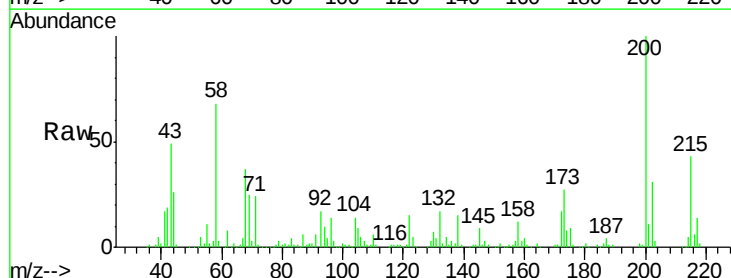


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

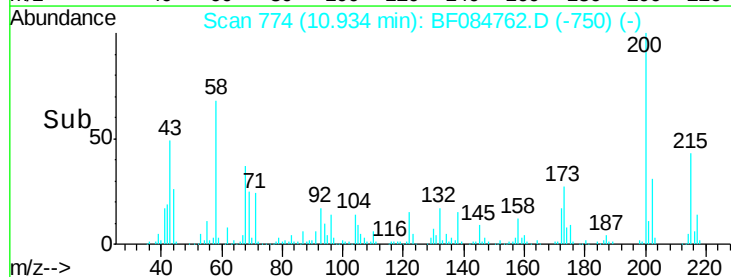
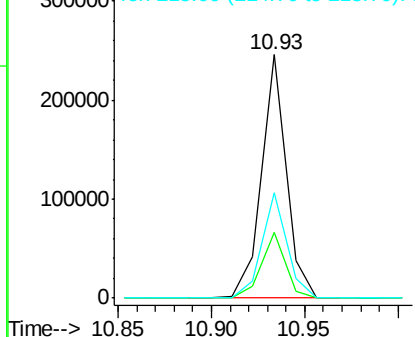


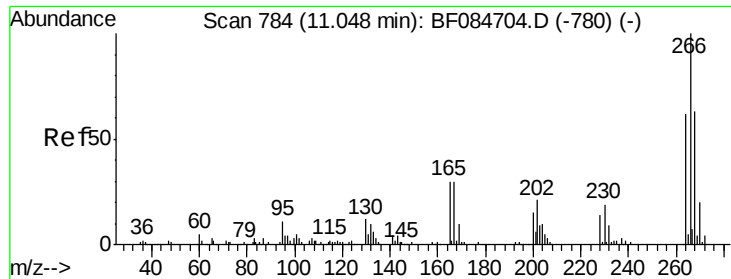
#68
Atrazine
Concen: 35.47 ng
RT: 10.93 min Scan# 774
Delta R.T. -0.02 min
Lab File: BF084762.D
Acq: 3 Feb 2016 00:13

Tgt Ion:200 Resp: 224798
Ion Ratio Lower Upper
200 100
173 26.8 9.5 49.5
215 43.3 23.8 63.8



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

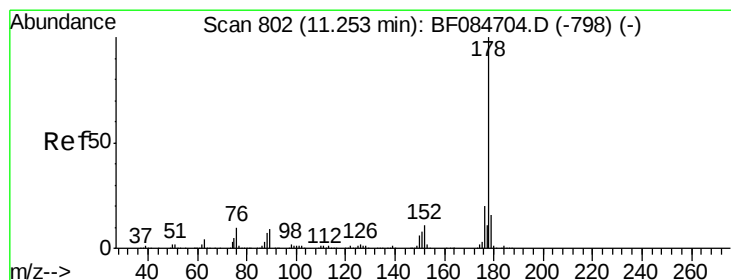
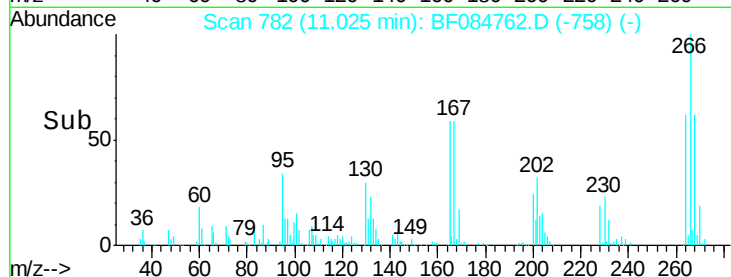
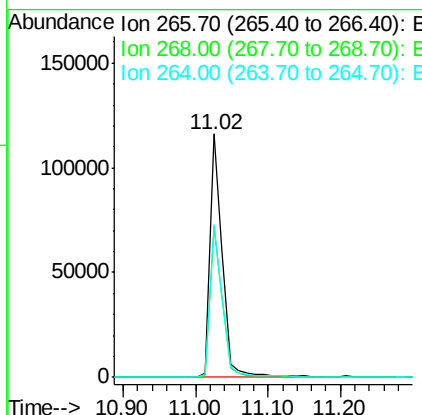
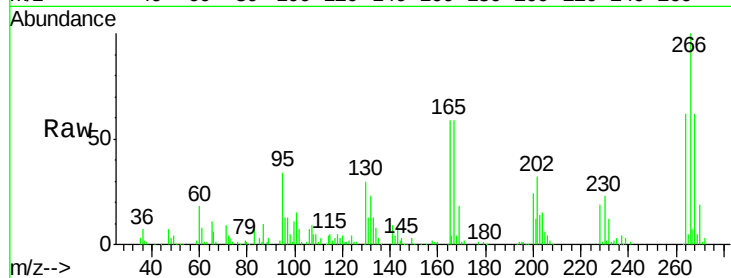




#69
 Pentachlorophenol
 Concen: 38.50 ng
 RT: 11.02 min Scan# 782
 Delta R.T. -0.02 min
 Lab File: BF084762.D
 Acq: 3 Feb 2016 00:13

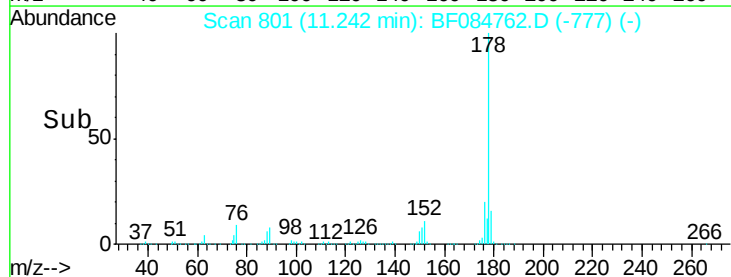
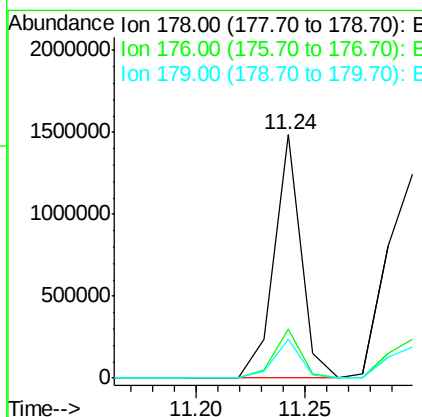
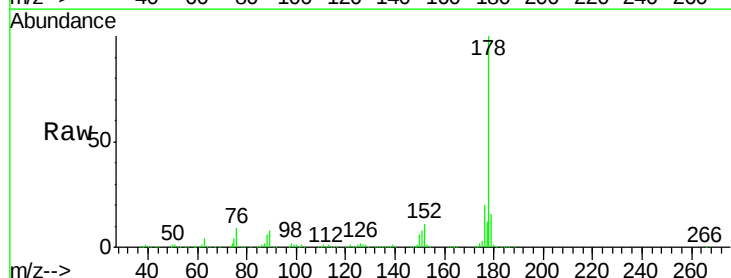
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:266 Resp: 137636
 Ion Ratio Lower Upper
 266 100
 268 61.7 52.4 78.6
 264 62.5 50.2 75.2



#70
 Phenanthrene
 Concen: 36.86 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.02 min
 Lab File: BF084762.D
 Acq: 3 Feb 2016 00:13

Tgt Ion:178 Resp: 1292297
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.3 22.9
 179 15.9 12.0 18.0

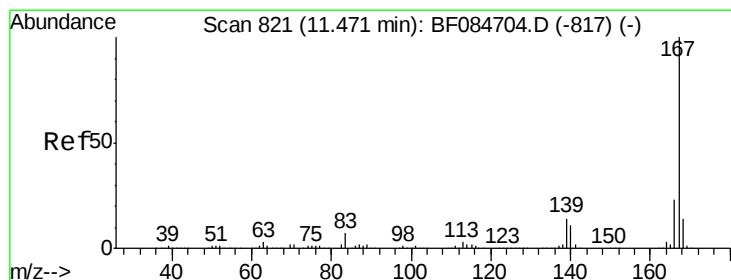
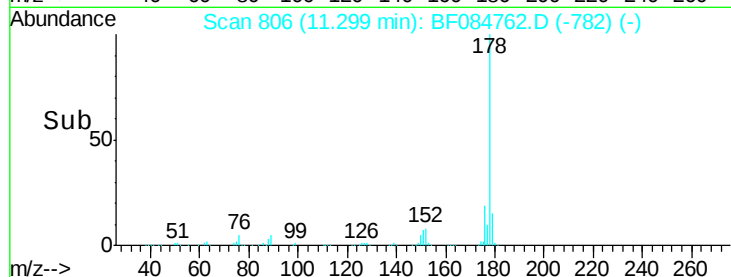
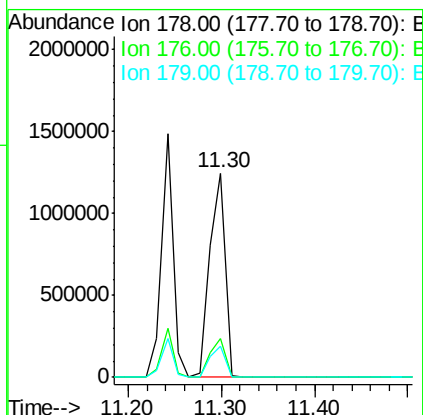
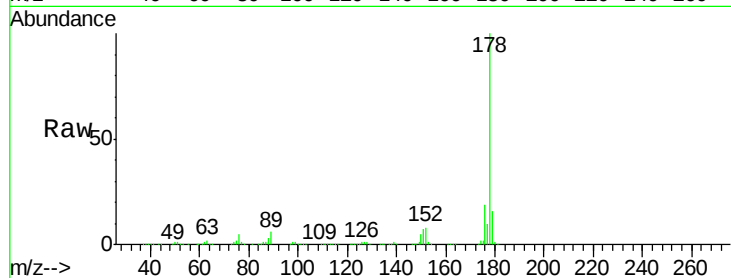




#71
 Anthracene
 Concen: 40.69 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.02 min
 Lab File: BF084762.D
 Acq: 3 Feb 2016 00:13

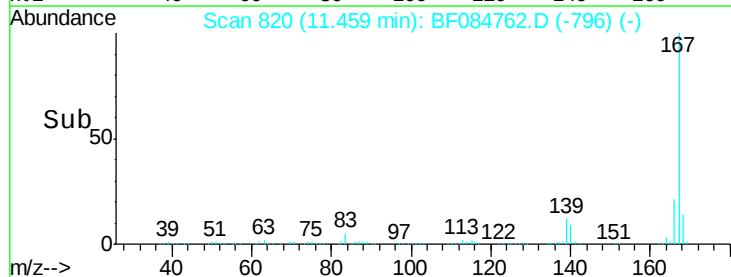
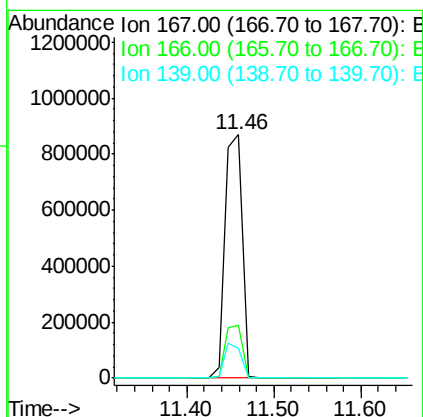
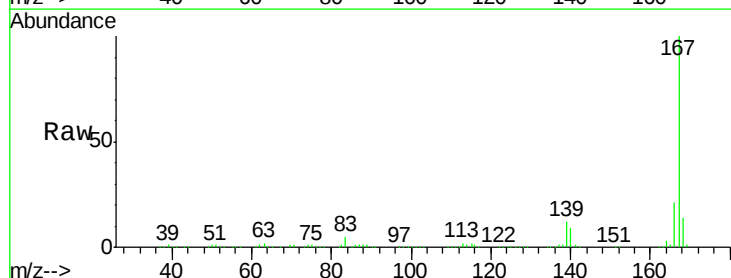
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:178 Resp: 1437328
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.0
 179 15.5 12.5 18.7



#72
 Carbazole
 Concen: 38.80 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.02 min
 Lab File: BF084762.D
 Acq: 3 Feb 2016 00:13

Tgt Ion:167 Resp: 1195058
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.6 26.4
 139 12.4 11.8 17.8





#73

Di-n-butylphthalate

Concen: 36.88 ng

RT: 11.79 min Scan# 849

Delta R.T. -0.02 min

Lab File: BF084762.D

Acq: 3 Feb 2016 00:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

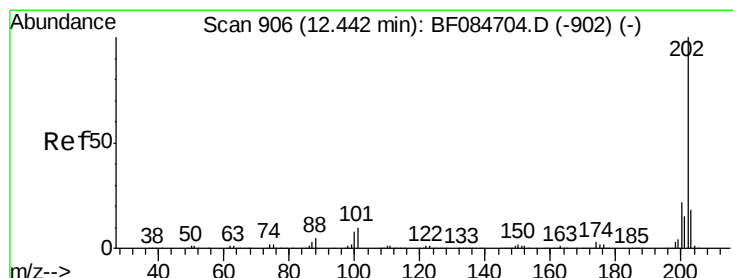
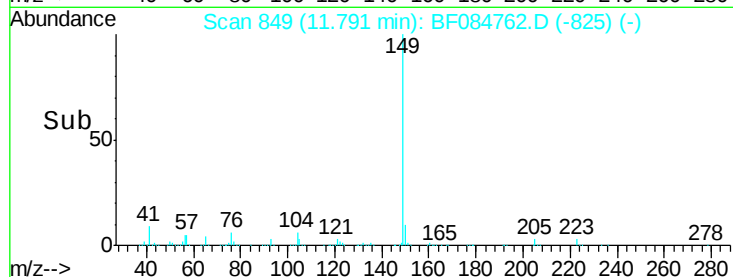
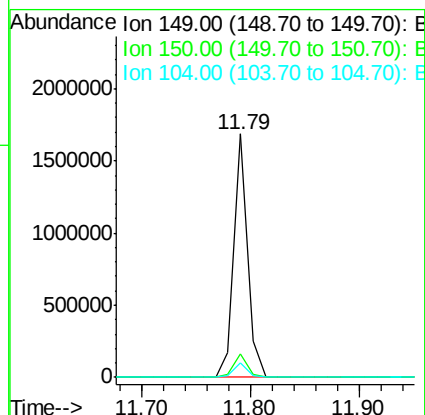
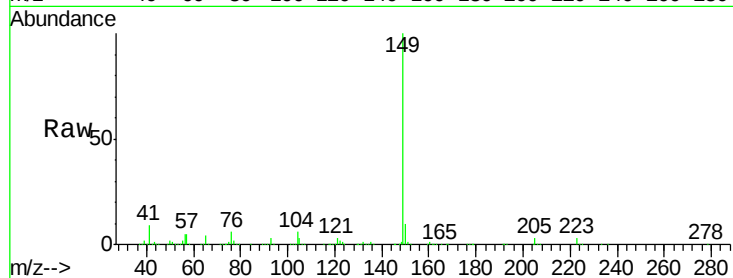
Tgt Ion:149 Resp: 1446483

Ion Ratio Lower Upper

149 100

150 9.8 7.1 10.7

104 5.7 3.2 4.8#



#74

Fluoranthene

Concen: 39.42 ng

RT: 12.43 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF084762.D

Acq: 3 Feb 2016 00:13

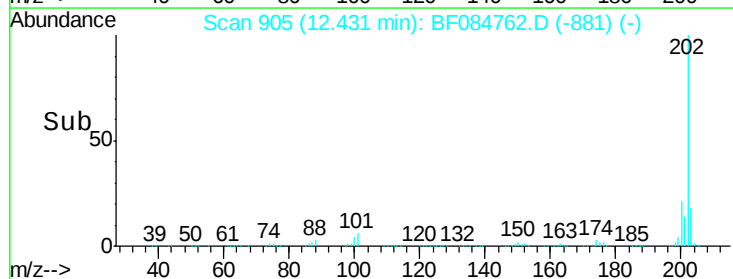
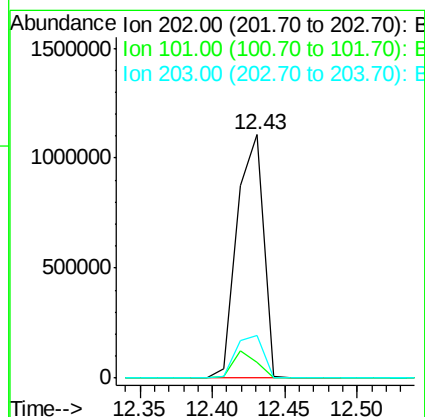
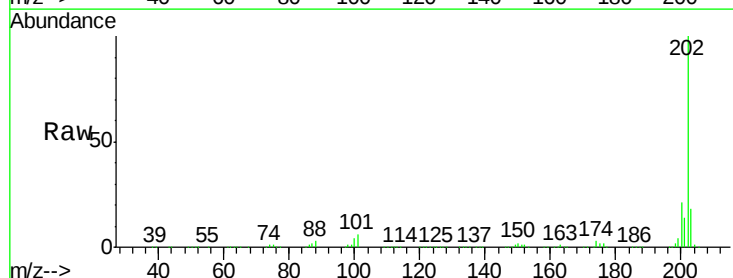
Tgt Ion:202 Resp: 1398689

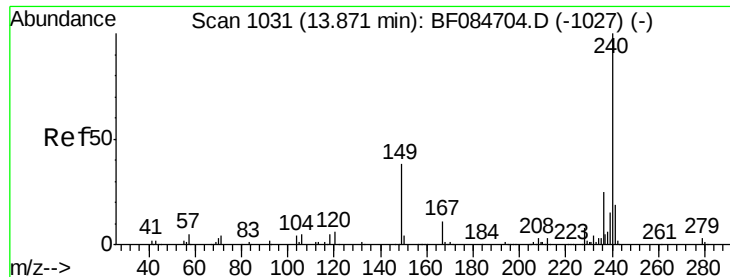
Ion Ratio Lower Upper

202 100

101 6.3 0.0 32.8

203 17.7 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BF084762.D

Acq: 3 Feb 2016 00:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

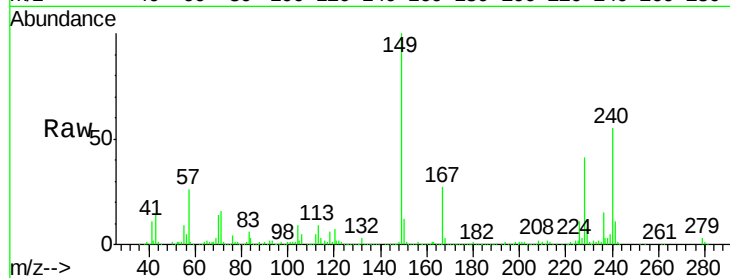
Tgt Ion:240 Resp: 427906

Ion Ratio Lower Upper

240 100

120 13.0 9.5 14.3

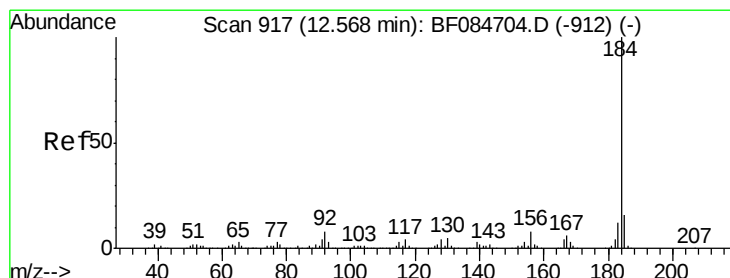
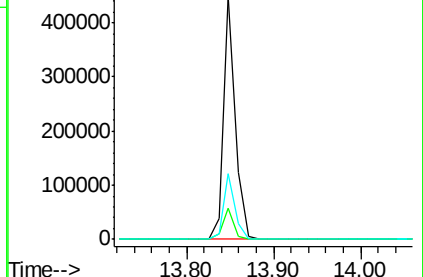
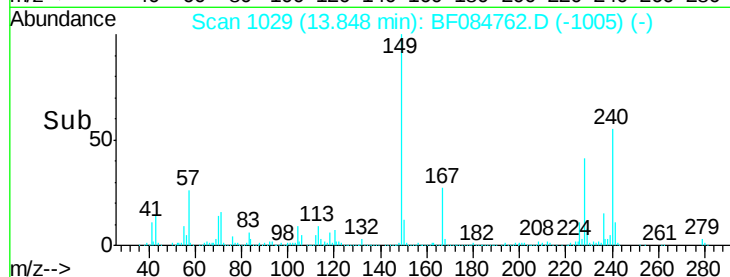
236 27.0 20.6 31.0



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



#76

Benzidine

Concen: 50.62 ng

RT: 12.56 min Scan# 916

Delta R.T. -0.02 min

Lab File: BF084762.D

Acq: 3 Feb 2016 00:13

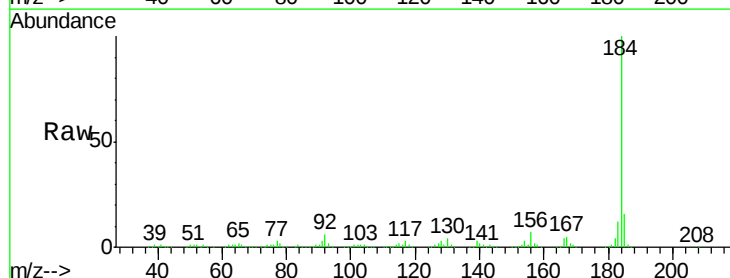
Tgt Ion:184 Resp: 728822

Ion Ratio Lower Upper

184 100

185 15.9 12.2 18.2

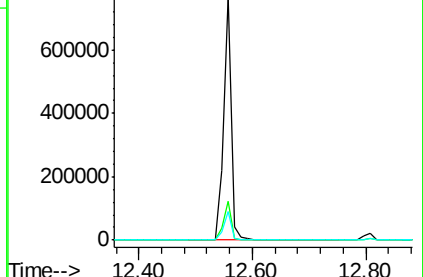
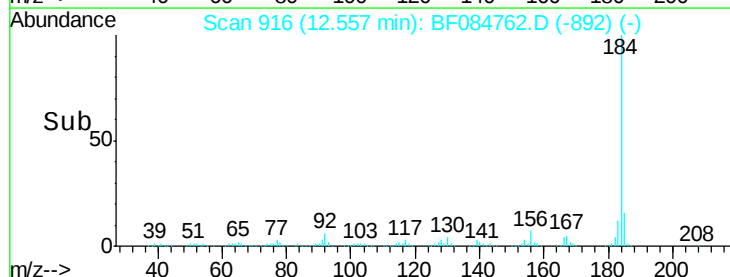
183 11.8 9.8 14.8

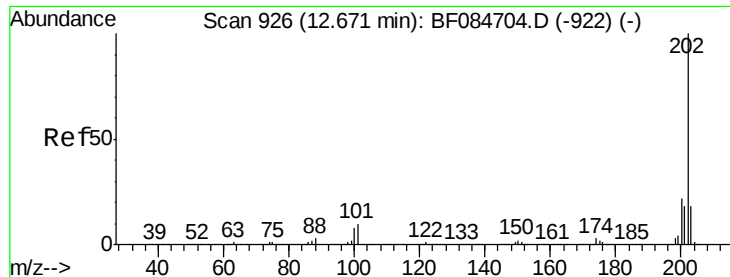


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

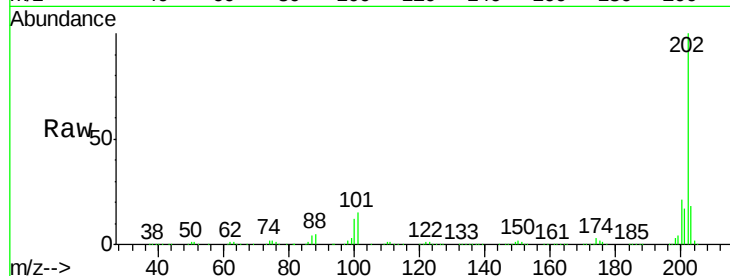




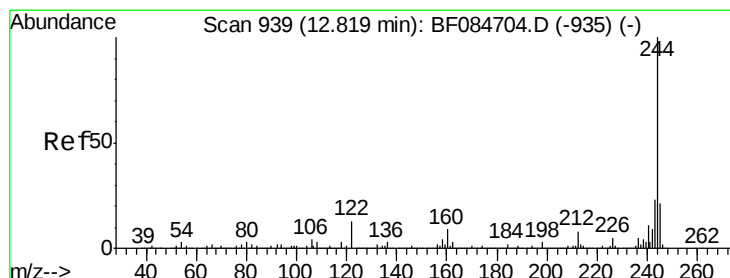
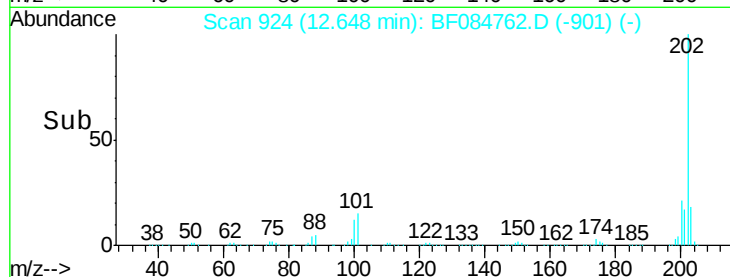
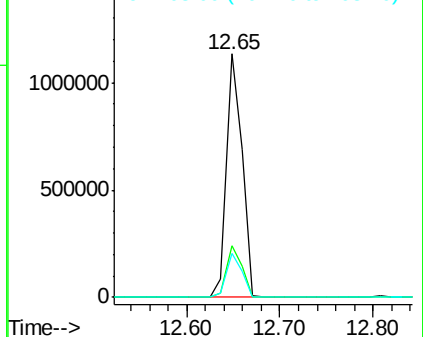
#77
Pyrene
 Concen: 40.31 ng
 RT: 12.65 min Scan# 924
 Delta R.T. -0.03 min
 Lab File: BF084762.D
 Acq: 3 Feb 2016 00:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:202 Resp: 1320781
 Ion Ratio Lower Upper
 202 100
 200 21.4 17.2 25.8
 203 18.3 14.3 21.5

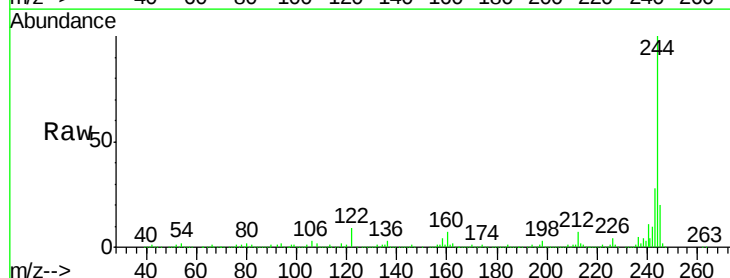


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

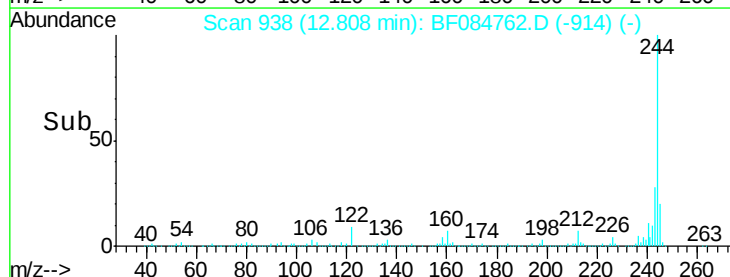
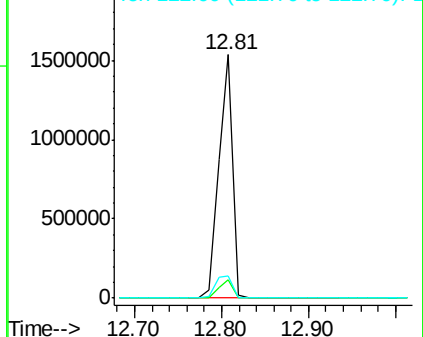


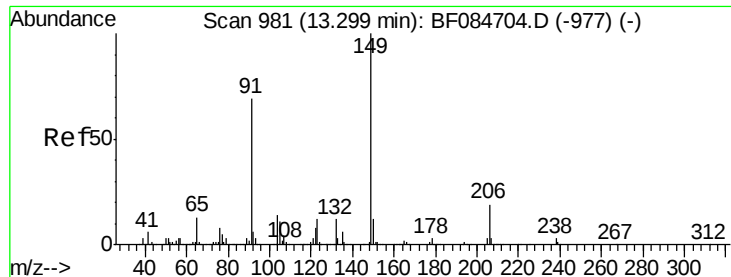
#78
Terphenyl-d14
 Concen: 90.33 ng
 RT: 12.81 min Scan# 938
 Delta R.T. -0.02 min
 Lab File: BF084762.D
 Acq: 3 Feb 2016 00:13

Tgt Ion:244 Resp: 1705764
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 9.2 7.4 11.0



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

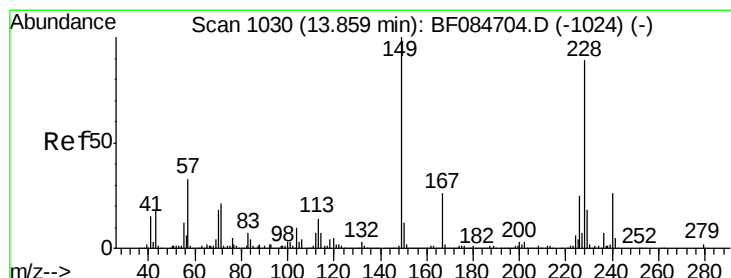
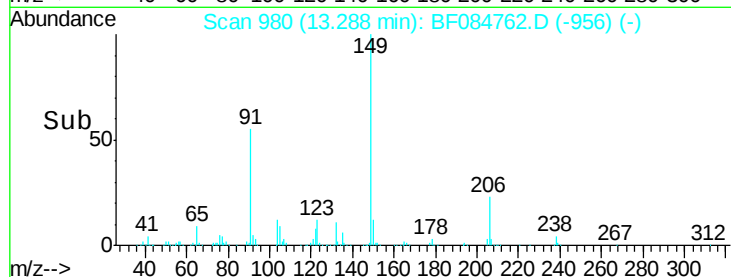
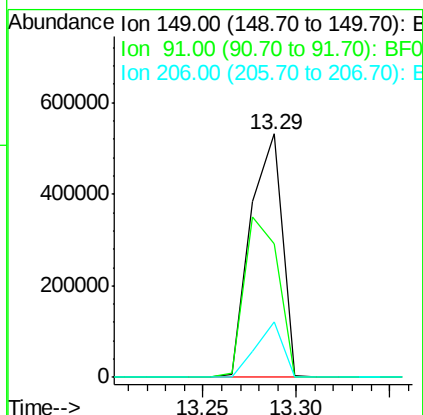
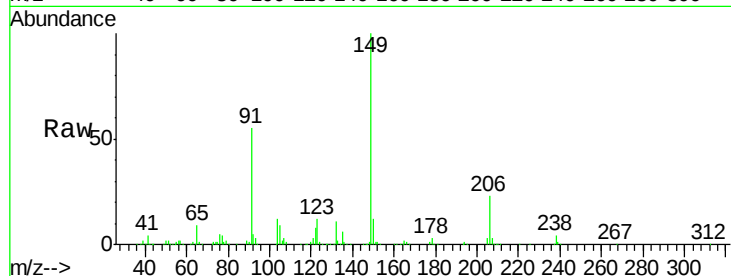




#79
Butylbenzylphthalate
Concen: 42.77 ng
RT: 13.29 min Scan# 980
Delta R.T. -0.02 min
Lab File: BF084762.D
Acq: 3 Feb 2016 00:13

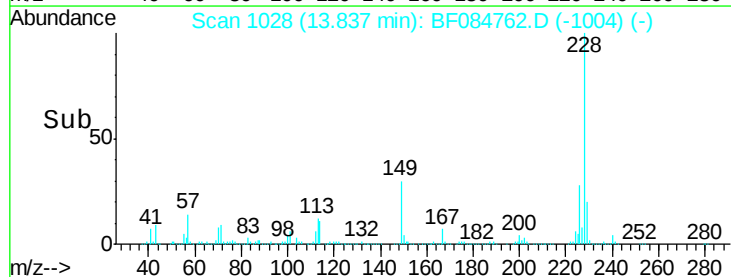
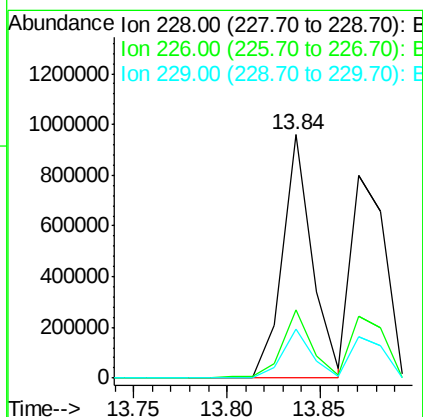
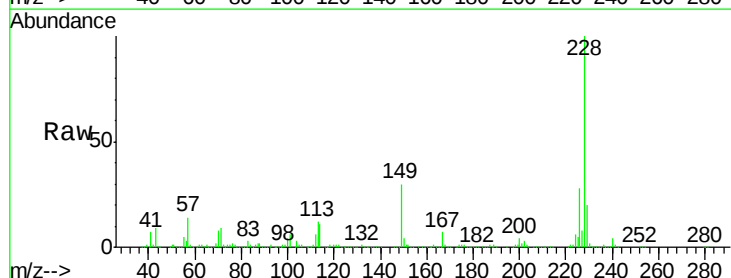
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 635680
Ion Ratio Lower Upper
149 100
91 54.7 57.6 86.4#
206 22.9 13.2 19.8#



#80
Benzo(a)anthracene
Concen: 39.90 ng
RT: 13.84 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF084762.D
Acq: 3 Feb 2016 00:13

Tgt Ion:228 Resp: 1059804
Ion Ratio Lower Upper
228 100
226 28.0 21.8 32.6
229 20.3 15.8 23.8

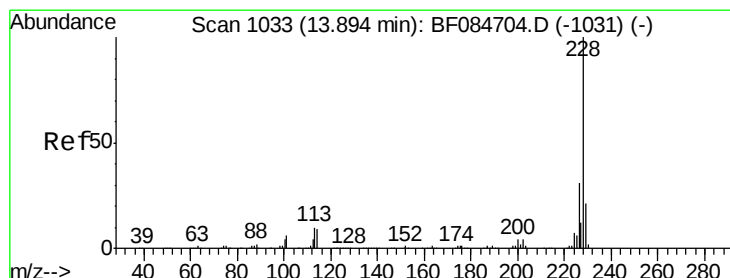
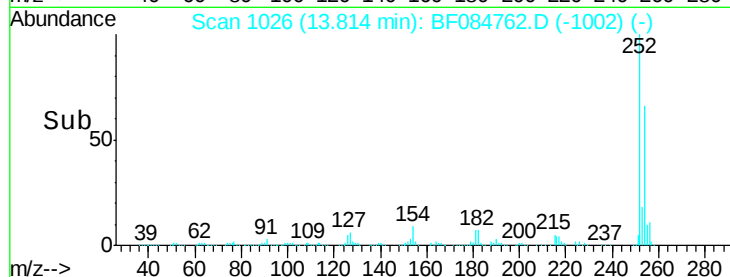
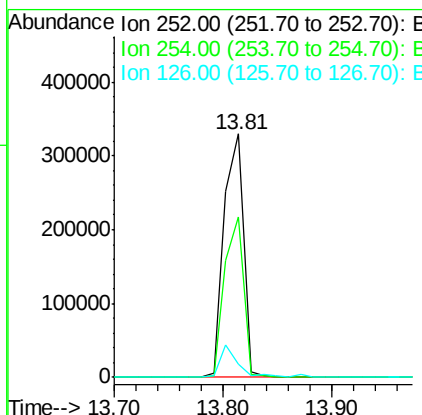
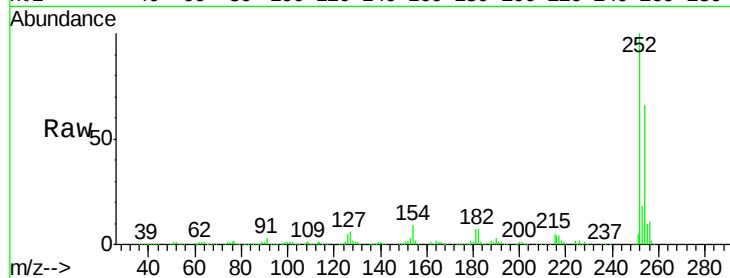




#81
 3,3'-Dichlorobenzidine
 Concen: 43.72 ng
 RT: 13.81 min Scan# 1026
 Delta R.T. -0.02 min
 Lab File: BF084762.D
 Acq: 3 Feb 2016 00:13

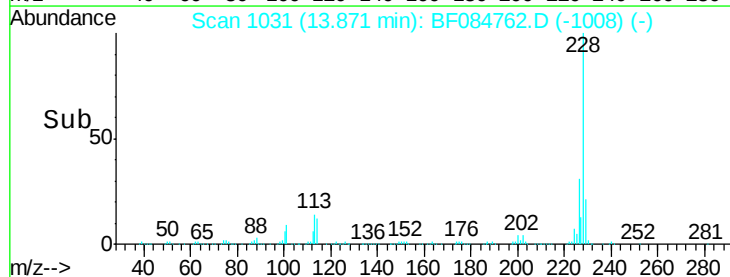
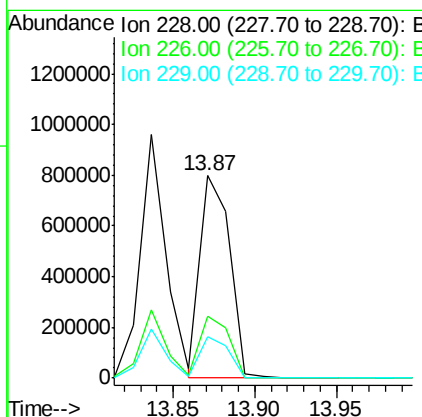
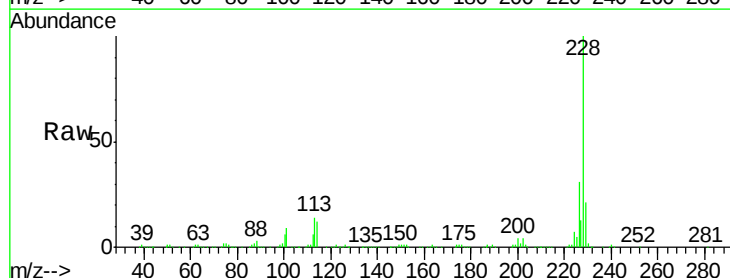
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

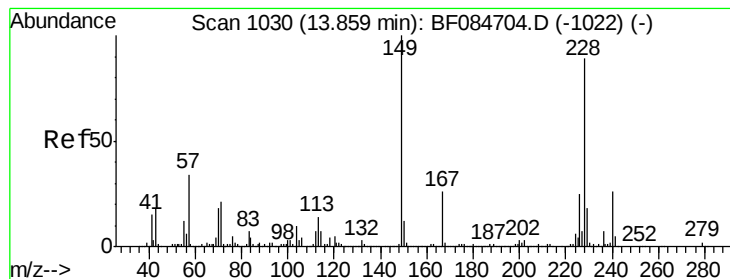
Tgt Ion:252 Resp: 411150
 Ion Ratio Lower Upper
 252 100
 254 66.1 53.5 80.3
 126 5.4 4.9 7.3



#82
 Chrysene
 Concen: 39.28 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.03 min
 Lab File: BF084762.D
 Acq: 3 Feb 2016 00:13

Tgt Ion:228 Resp: 1011503
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.3 36.5
 229 20.5 16.1 24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.92 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BF084762.D

Acq: 3 Feb 2016 00:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

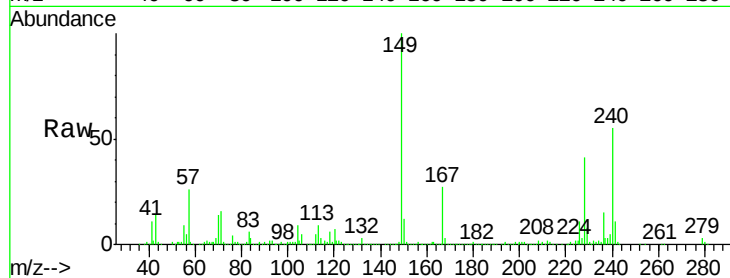
Tgt Ion:149 Resp: 793897

Ion Ratio Lower Upper

149 100

167 26.8 19.7 29.5

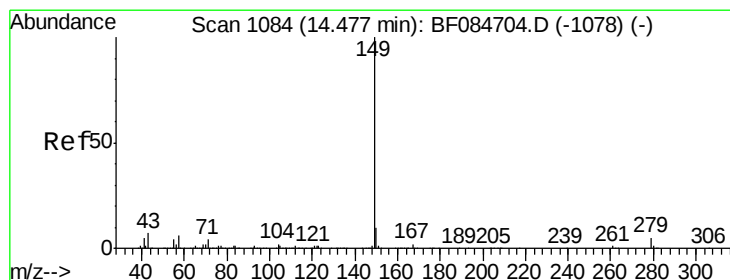
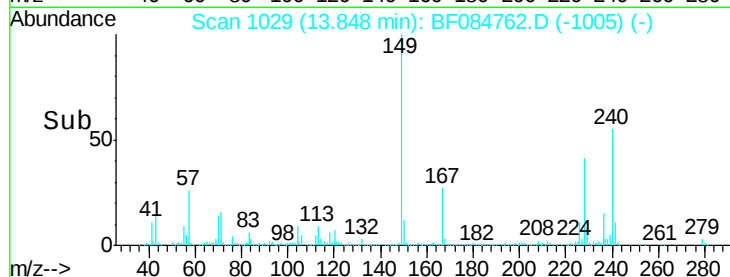
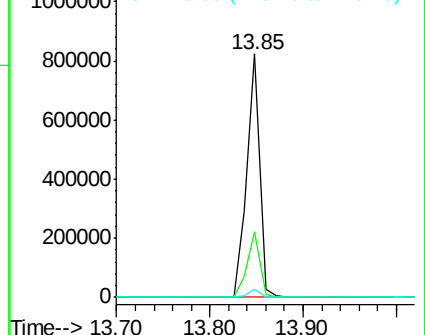
279 3.4 1.8 2.6#



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: 39.32 ng

RT: 14.45 min Scan# 1082

Delta R.T. -0.02 min

Lab File: BF084762.D

Acq: 3 Feb 2016 00:13

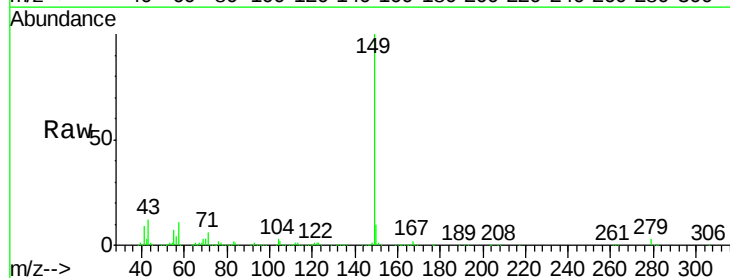
Tgt Ion:149 Resp: 1199927

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

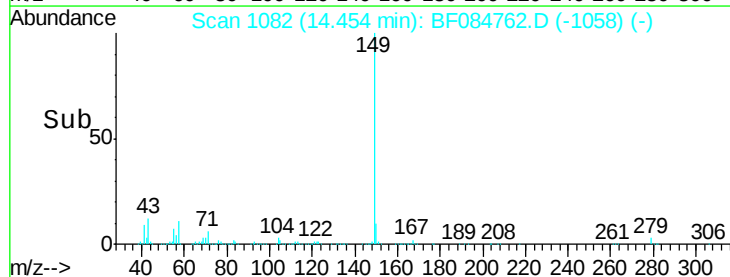
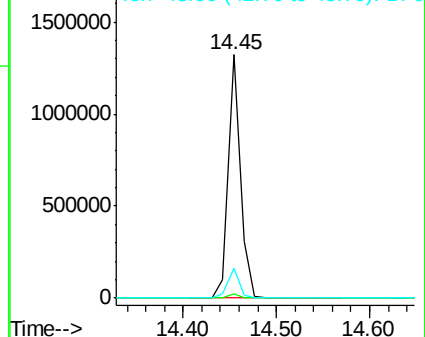
43 11.6 5.6 8.4#

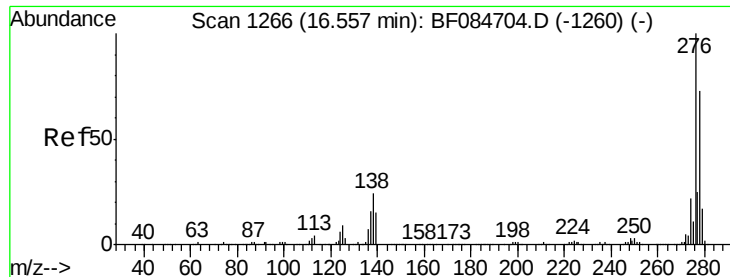


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

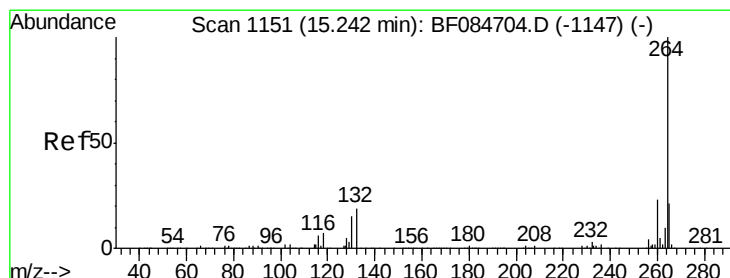
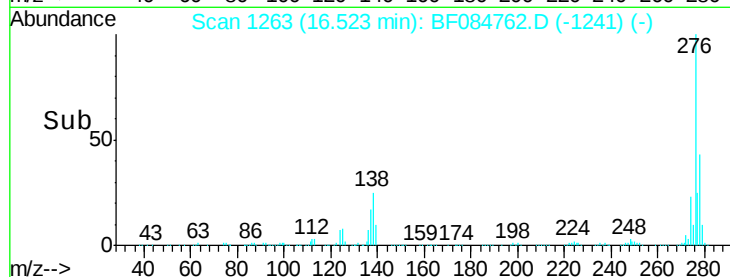
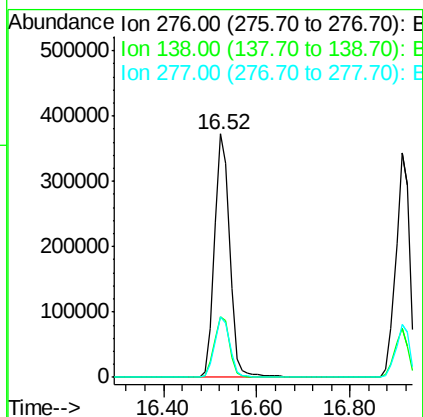
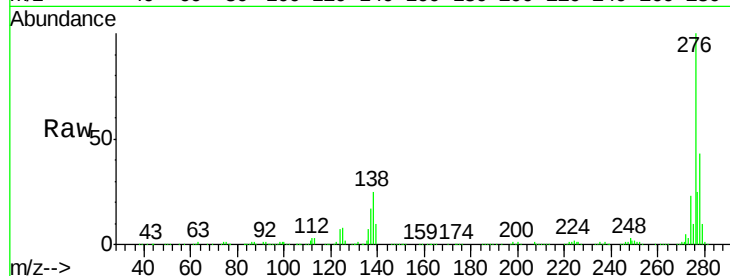




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.81 ng
 RT: 16.52 min Scan# 1263
 Delta R.T. -0.05 min
 Lab File: BF084762.D
 Acq: 3 Feb 2016 00:13

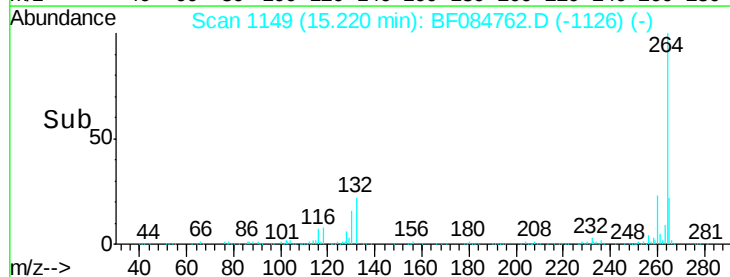
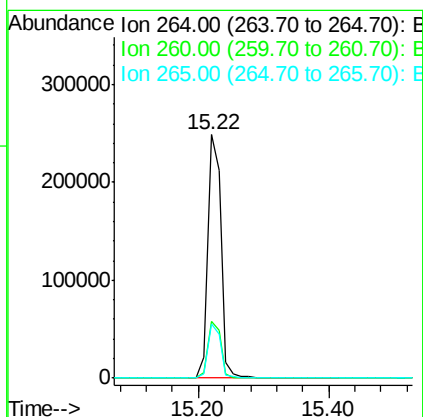
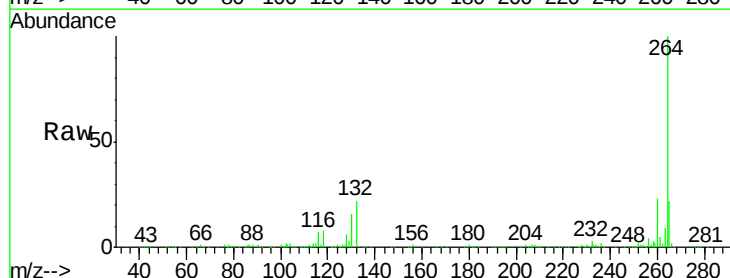
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

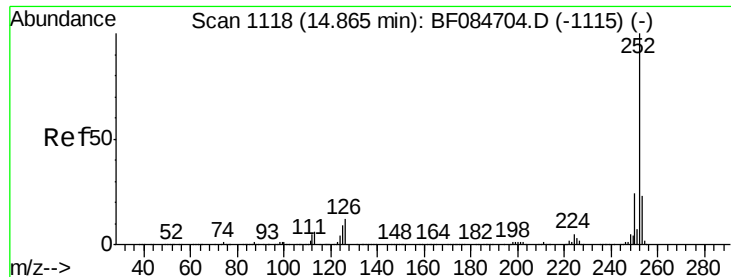
Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.3	20.6	30.8
277	24.7	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.22 min Scan# 1149
 Delta R.T. -0.03 min
 Lab File: BF084762.D
 Acq: 3 Feb 2016 00:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.4	29.2
265	22.0	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 74.10 ng

RT: 14.88 min Scan# 1119

Delta R.T. -0.00 min

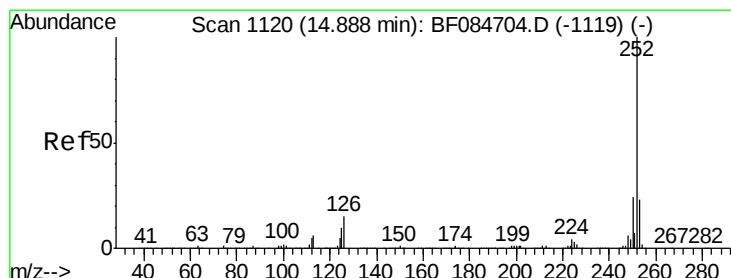
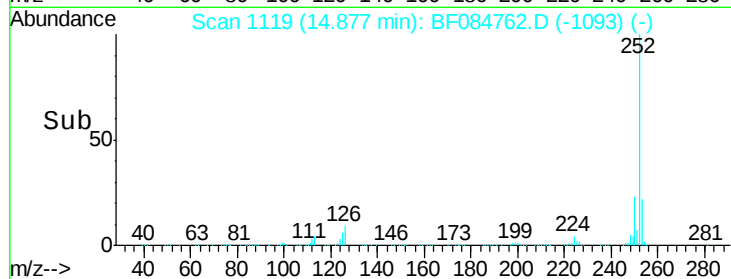
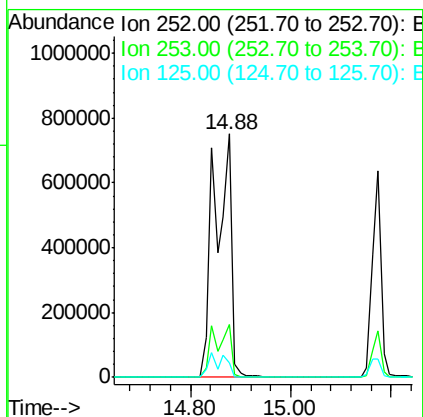
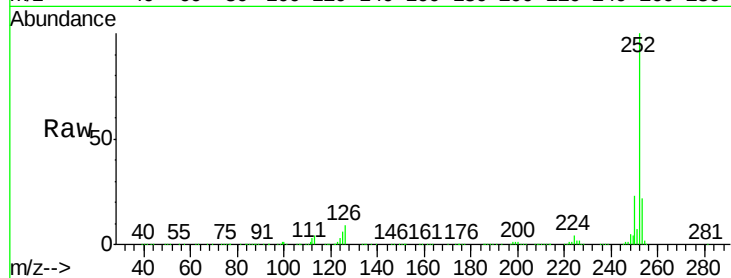
Lab File: BF084762.D

Acq: 3 Feb 2016 00:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 1748105

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	6.2	6.5	9.7#



#88

Benzo(k)fluoranthene

Concen: 89.66 ng

RT: 14.88 min Scan# 1119

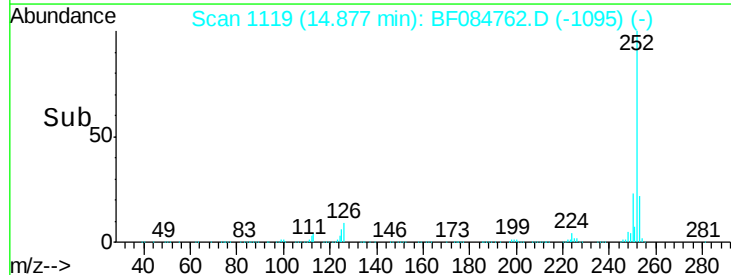
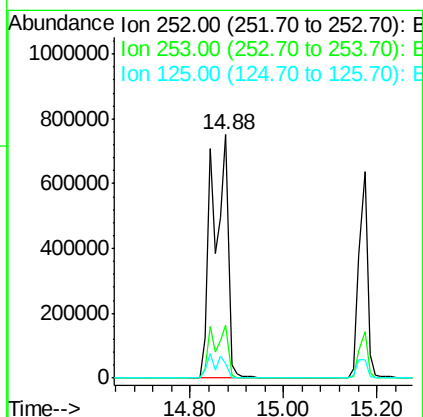
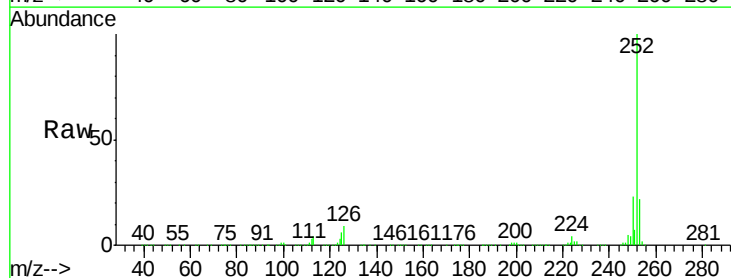
Delta R.T. -0.02 min

Lab File: BF084762.D

Acq: 3 Feb 2016 00:13

Tgt Ion:252 Resp: 1748736

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	6.2	9.0	13.6#





#89

Benzo(a)pyrene

Concen: 39.59 ng

RT: 15.17 min Scan# 1145

Delta R.T. -0.02 min

Lab File: BF084762.D

Acq: 3 Feb 2016 00:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

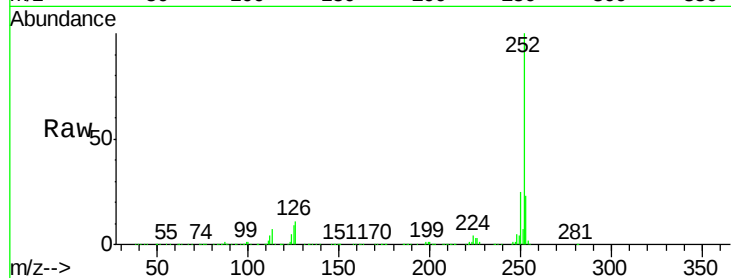
Tgt Ion:252 Resp: 795774

Ion Ratio Lower Upper

252 100

253 22.6 17.3 25.9

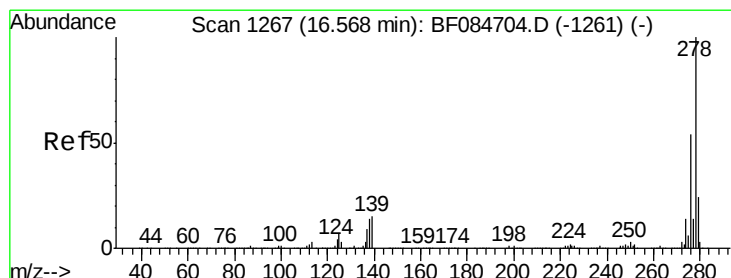
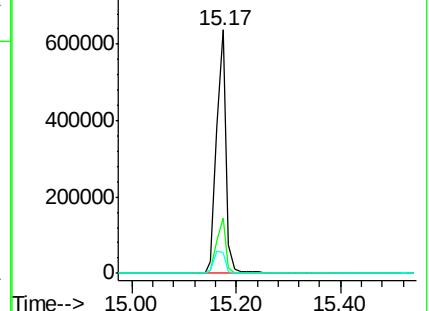
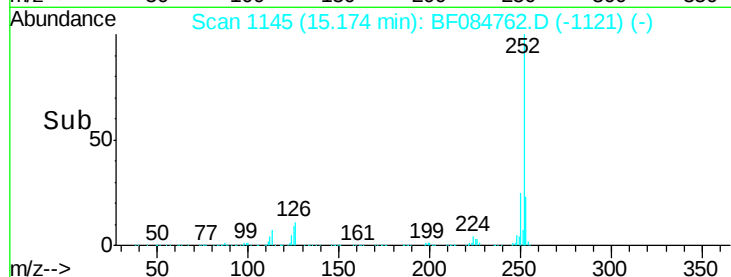
125 8.6 7.0 10.4



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: 41.75 ng

RT: 16.53 min Scan# 1264

Delta R.T. -0.05 min

Lab File: BF084762.D

Acq: 3 Feb 2016 00:13

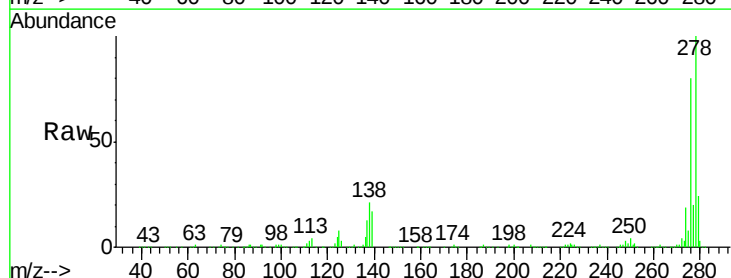
Tgt Ion:278 Resp: 706427

Ion Ratio Lower Upper

278 100

139 17.2 15.0 22.4

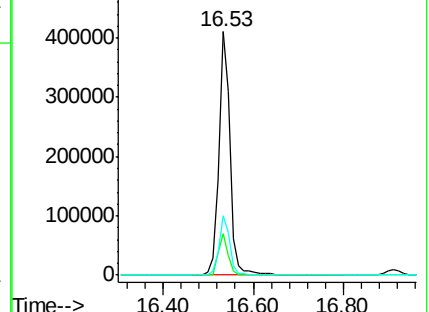
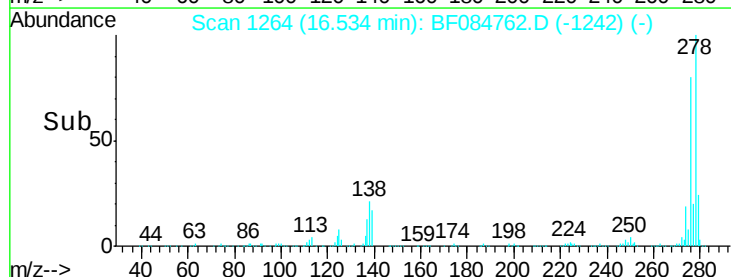
279 24.4 18.9 28.3

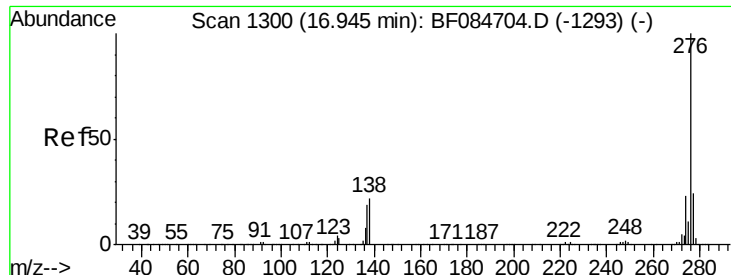


Abundance Ion 278.00 (277.70 to 278.70): E

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: 42.17 ng

RT: 16.91 min Scan# 1297

Delta R.T. -0.05 min

Lab File: BF084762.D

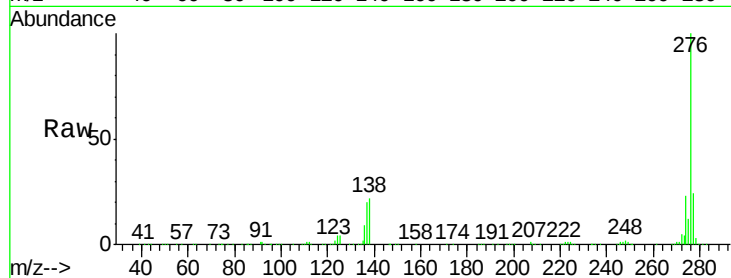
Acq: 3 Feb 2016 00:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



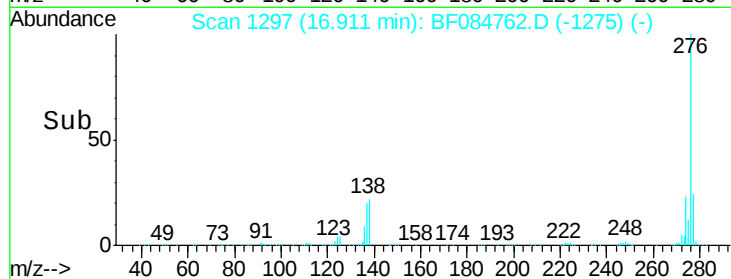
Tgt Ion: 276 Resp: 718786

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 21.7 17.8 26.6



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

