

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021116\
 Data File : BF085012.D
 Acq On : 11 Feb 2016 12:05
 Operator : SJ/IZ
 Sample : PB88297BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88297BS

Quant Time: Feb 11 16:02:25 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 10 13:28:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	143003	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	583819	20.00	ng	-0.02
38) Acenaphthene-d10	9.64	164	279100	20.00	ng	-0.02
63) Phenanthrene-d10	11.13	188	547965	20.00	ng	-0.01
75) Chrysene-d12	13.76	240	381700	20.00	ng	-0.01
86) Perylene-d12	15.12	264	276156	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1141378	124.32	ng	0.01
7) Phenol-d6	6.27	99	1245529	109.43	ng	-0.01
23) Nitrobenzene-d5	7.19	82	879843	84.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	371931	127.76	ng	-0.01
44) 2-Fluorobiphenyl	8.98	172	1517832	95.57	ng	-0.01
78) Terphenyl-d14	12.72	244	1513066	89.83	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.15	88	135698	33.74	ng	# 74
3) Pyridine	2.78	79	390739	37.29	ng	# 76
4) n-Nitrosodimethylamine	2.73	42	208946	38.56	ng	81
6) Aniline	6.27	93	326696	23.46	ng	# 84
8) 2-Chlorophenol	6.40	128	442100	42.54	ng	96
9) Benzaldehyde	6.15	77	104691	15.58	ng	95
10) Phenol	6.28	94	491653	38.56	ng	96
11) bis(2-Chloroethyl)ether	6.35	93	369544	37.17	ng	# 81
12) 1,3-Dichlorobenzene	6.55	146	417952	38.07	ng	# 95
13) 1,4-Dichlorobenzene	6.63	146	432567	39.41	ng	96
14) 1,2-Dichlorobenzene	6.78	146	362935	35.50	ng	93
15) Benzyl Alcohol	6.76	79	354580	45.12	ng	90
16) 2,2'-oxybis(1-Chloropropan	6.90	45	632126	37.79	ng	80
17) 2-Methylphenol	6.89	107	323035	39.30	ng	# 90
18) Hexachloroethane	7.12	117	162855	38.53	ng	96
19) n-Nitroso-di-n-propylamine	7.04	70	284452	39.87	ng	# 73
20) 3+4-Methylphenols	7.05	107	434133	42.56	ng	87
22) Acetophenone	7.03	105	600648	39.04	ng	# 98
24) Nitrobenzene	7.20	77	414260	37.33	ng	95
25) Isophorone	7.45	82	799606	39.68	ng	98
26) 2-Nitrophenol	7.52	139	217093	39.66	ng	# 84
27) 2,4-Dimethylphenol	7.58	122	386966	40.64	ng	95
28) bis(2-Chloroethoxy)methane	7.67	93	530554	44.38	ng	99
29) 2,4-Dichlorophenol	7.77	162	355082	43.59	ng	99
30) 1,2,4-Trichlorobenzene	7.84	180	364897	39.66	ng	95
31) Naphthalene	7.92	128	1118866	38.21	ng	99
32) Benzoic acid	7.72	122	231106	37.95	ng	96
33) 4-Chloroaniline	7.98	127	182574	15.07	ng	98
34) Hexachlorobutadiene	8.04	225	216753	40.85	ng	97
35) Caprolactam	8.36	113	72589	28.91	ng	# 74
36) 4-Chloro-3-methylphenol	8.48	107	375622	40.42	ng	96
37) 2-Methylnaphthalene	8.62	142	854878	46.64	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	320426	36.15	ng	97
40) Hexachlorocyclopentadiene	8.76	237	288401	75.46	ng	98

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021116\
 Data File : BF085012.D
 Acq On : 11 Feb 2016 12:05
 Operator : SJ/IZ
 Sample : PB88297BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88297BS

Quant Time: Feb 11 16:02:25 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 10 13:28:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	249725	43.73	ng	96
43) 2,4,5-Trichlorophenol	8.95	196	247759	42.70	ng #	90
45) 1,1'-Biphenyl	9.07	154	937758	37.62	ng	97
46) 2-Chloronaphthalene	9.10	162	687123	37.43	ng	95
47) 2-Nitroaniline	9.21	65	251947	43.34	ng #	65
48) Acenaphthylene	9.51	152	1100159	39.49	ng	98
49) Dimethylphthalate	9.39	163	871010	40.97	ng #	90
50) 2,6-Dinitrotoluene	9.45	165	175093	37.70	ng #	50
51) Acenaphthene	9.68	154	675161	37.25	ng	98
52) 3-Nitroaniline	9.62	138	120395	23.07	ng #	71
53) 2,4-Dinitrophenol	9.74	184	174963	81.51	ng	86
54) Dibenzofuran	9.86	168	1034369	46.69	ng	99
55) 4-Nitrophenol	9.80	139	236833	61.75	ng #	74
56) 2,4-Dinitrotoluene	9.86	165	257191	43.42	ng #	85
57) Fluorene	10.19	166	756601	40.90	ng	98
58) 2,3,4,6-Tetrachlorophenol	9.99	232	208468	47.20	ng #	87
59) Diethylphthalate	10.09	149	829891	39.98	ng	99
60) 4-Chlorophenyl-phenylether	10.19	204	351717	45.31	ng	95
61) 4-Nitroaniline	10.24	138	227734	44.79	ng	85
62) Azobenzene	10.35	77	897548	44.97	ng	91
64) 4,6-Dinitro-2-methylphenol	10.26	198	122705	36.28	ng #	51
65) n-Nitrosodiphenylamine	10.32	169	717470	41.23	ng	99
66) 4-Bromophenyl-phenylether	10.68	248	259188	42.82	ng	97
67) Hexachlorobenzene	10.74	284	252324	38.26	ng #	87
68) Atrazine	10.86	200	250883	45.66	ng	98
69) Pentachlorophenol	10.95	266	243838	78.68	ng	99
70) Phenanthrene	11.15	178	1174517	38.65	ng	98
71) Anthracene	11.21	178	1258817	41.10	ng	99
72) Carbazole	11.37	167	1156358	43.30	ng	98
73) Di-n-butylphthalate	11.70	149	1291842	38.00	ng #	97
74) Fluoranthene	12.33	202	1172459	38.12	ng	99
76) Benzidine	12.47	184	453060	33.48	ng	98
77) Pyrene	12.56	202	1149460	39.33	ng	100
79) Butylbenzylphthalate	13.20	149	556277	41.96	ng #	92
80) Benzo(a)anthracene	13.75	228	962752	40.64	ng	99
81) 3,3'-Dichlorobenzidine	13.71	252	119219	14.21	ng #	92
82) Chrysene	13.78	228	780151	33.96	ng	100
83) Bis(2-ethylhexyl)phthalate	13.76	149	635235	38.50	ng	98
84) Di-n-octyl phthalate	14.38	149	981906	36.07	ng #	91
85) Indeno(1,2,3-cd)pyrene	16.37	276	730131	40.38	ng	99
87) Benzo(b)fluoranthene	14.78	252	1427120	76.91	ng	98
88) Benzo(k)fluoranthene	14.78	252	1427120	93.02	ng	98
89) Benzo(a)pyrene	15.06	252	647004	40.92	ng #	96
90) Dibenzo(a,h)anthracene	16.38	278	613033	46.06	ng	98
91) Benzo(g,h,i)perylene	16.74	276	637587	47.56	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.02 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

Instrument :

BNA_F

ClientSampleId :

PB88297BS

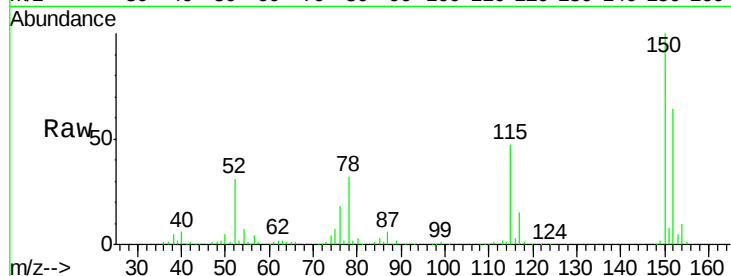
Tgt Ion:152 Resp: 143003

Ion Ratio Lower Upper

152 100

150 156.0 123.0 184.4

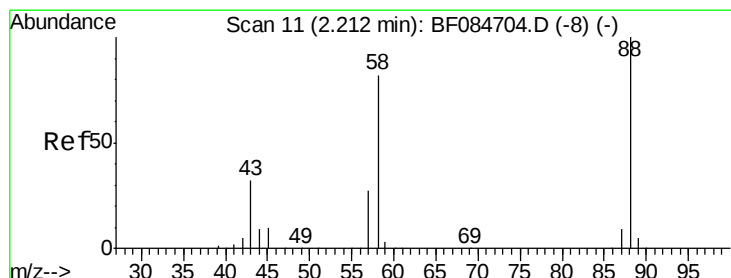
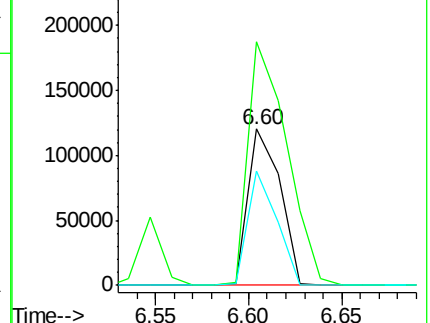
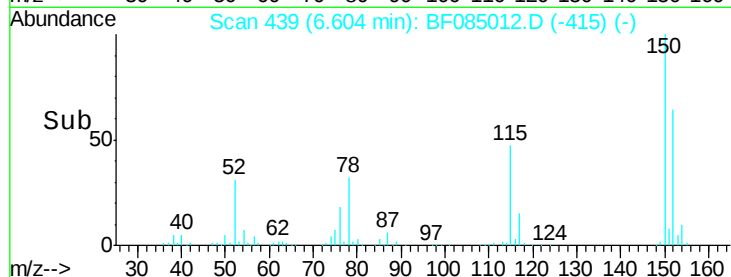
115 73.3 51.4 77.2



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: 33.74 ng

RT: 2.15 min Scan# 49

Delta R.T. 0.07 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

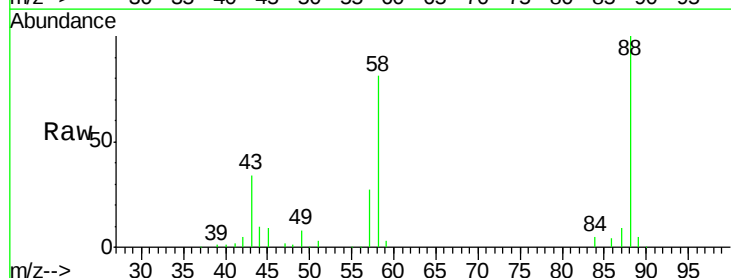
Tgt Ion: 88 Resp: 135698

Ion Ratio Lower Upper

88 100

58 87.1 51.2 76.8#

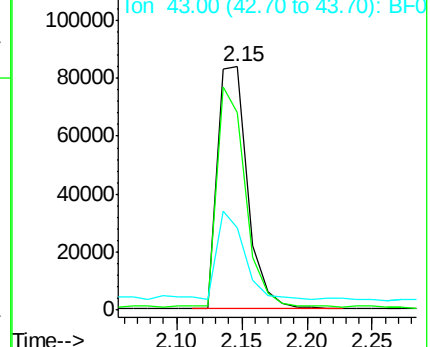
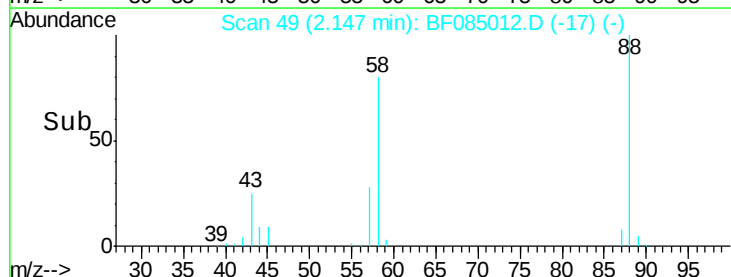
43 32.8 19.5 29.3#

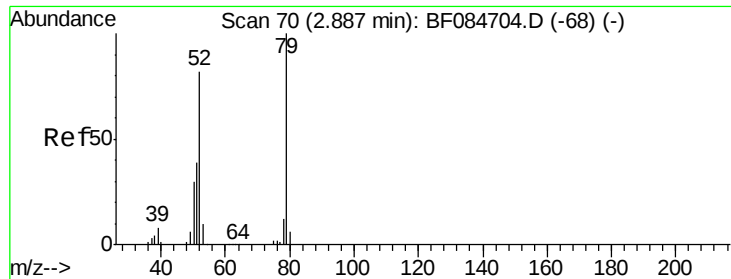


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 37.29 ng

RT: 2.78 min Scan# 104

Delta R.T. 0.06 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

Instrument :

BNA_F

ClientSampleId :

PB88297BS

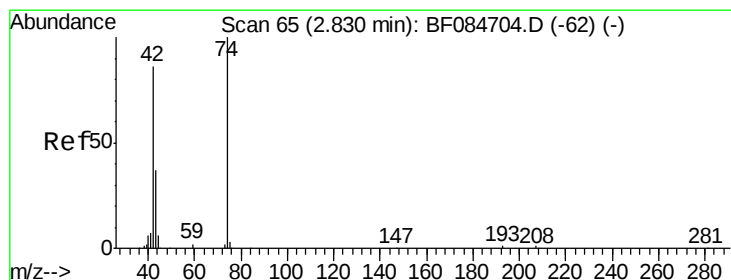
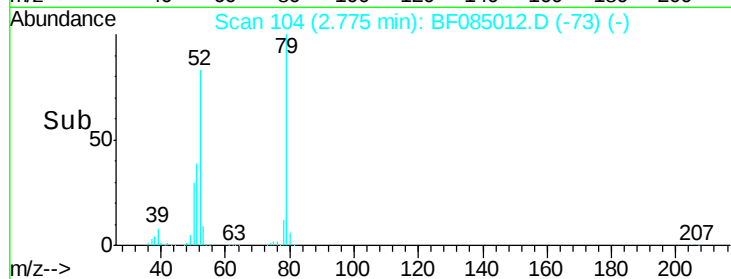
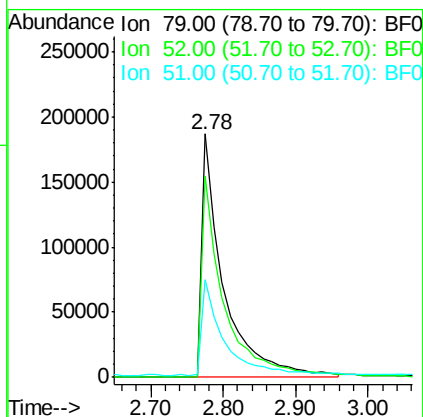
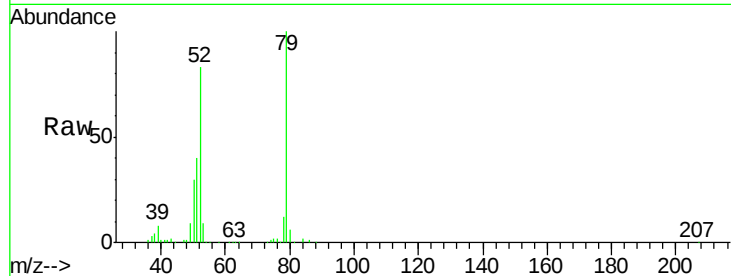
Tgt Ion: 79 Resp: 390739

Ion Ratio Lower Upper

79 100

52 82.6 49.0 73.4#

51 40.0 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 38.56 ng

RT: 2.73 min Scan# 100

Delta R.T. 0.05 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

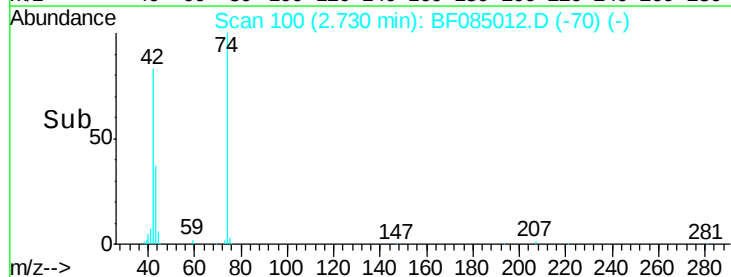
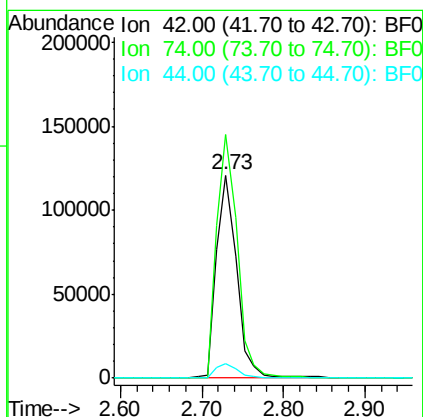
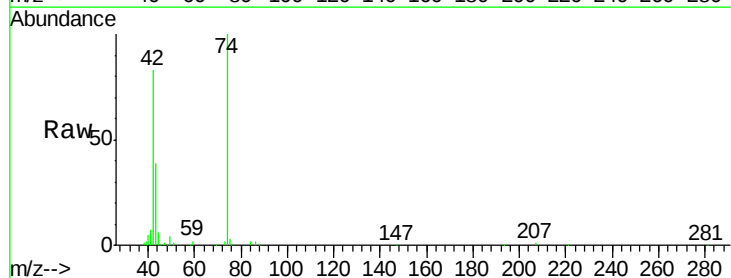
Tgt Ion: 42 Resp: 208946

Ion Ratio Lower Upper

42 100

74 119.8 115.7 173.5

44 7.2 5.1 7.7





#5

2-Fluorophenol

Concen: 124.32 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.01 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

Instrument :

BNA_F

ClientSampleId :

PB88297BS

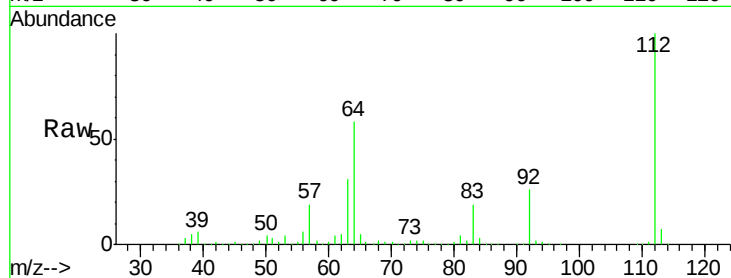
Tgt Ion: 112 Resp: 1141378

Ion Ratio Lower Upper

112 100

64 58.2 36.6 55.0#

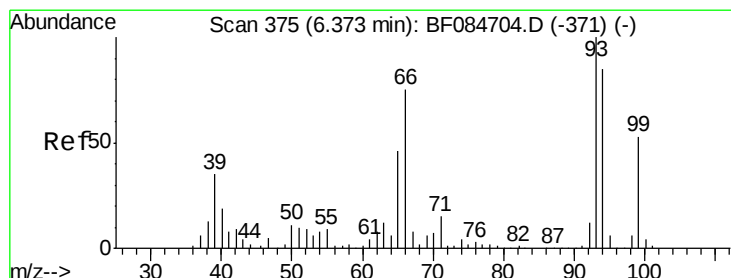
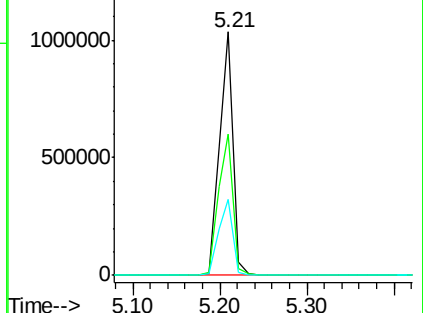
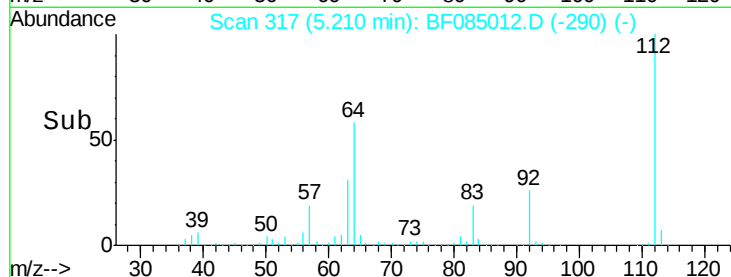
63 31.0 19.4 29.0#



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: 23.46 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.02 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

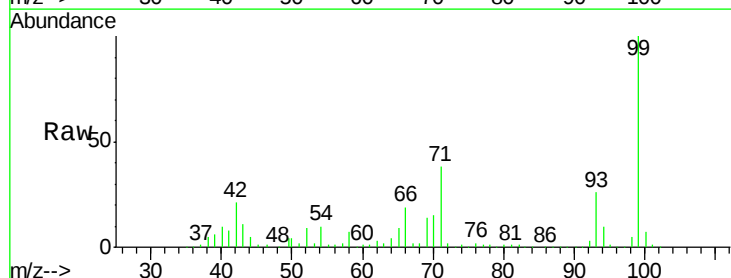
Tgt Ion: 93 Resp: 326696

Ion Ratio Lower Upper

93 100

66 71.1 44.9 67.3#

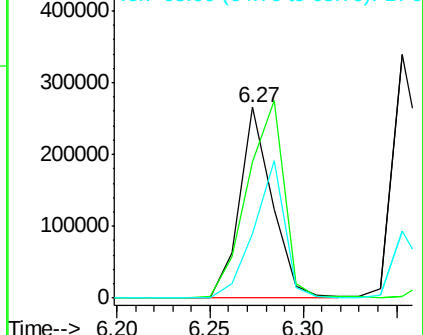
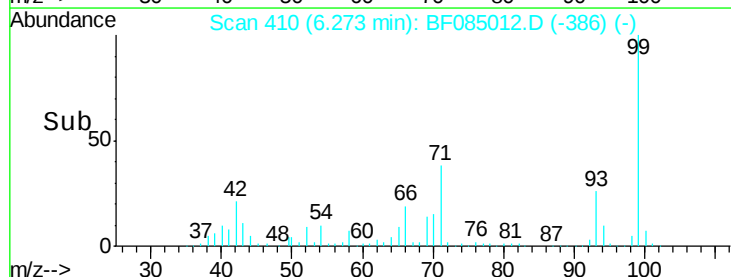
65 33.5 23.7 35.5



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: 109.43 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

Instrument :

BNA_F

ClientSampleId :

PB88297BS

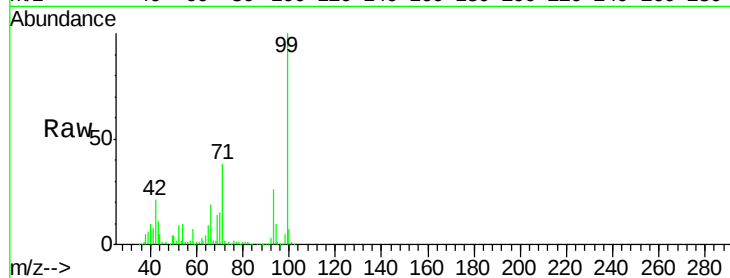
Tgt Ion: 99 Resp: 1245529

Ion Ratio Lower Upper

99 100

42 21.0 12.8 19.2#

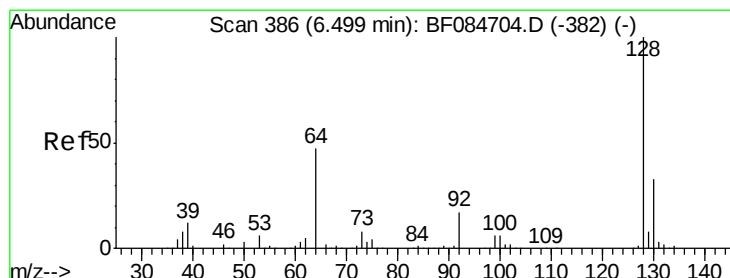
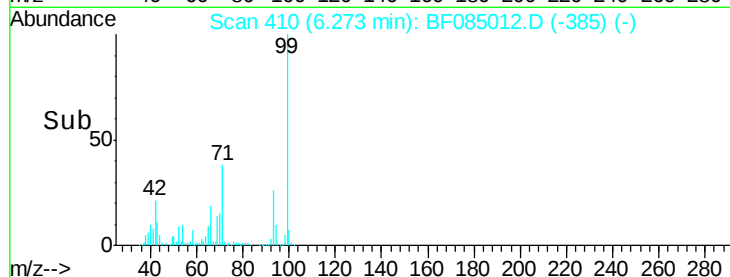
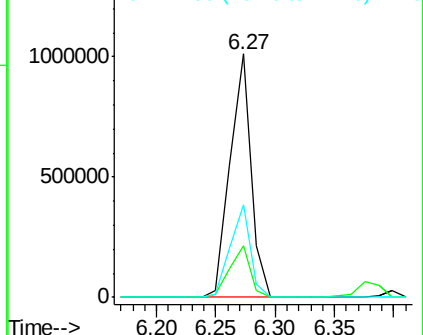
71 37.8 30.9 46.3



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: 42.54 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

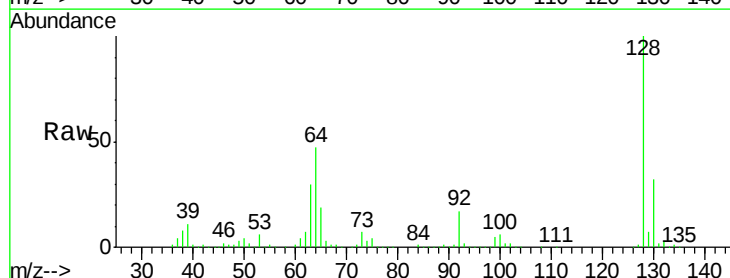
Tgt Ion: 128 Resp: 442100

Ion Ratio Lower Upper

128 100

130 32.5 11.6 51.6

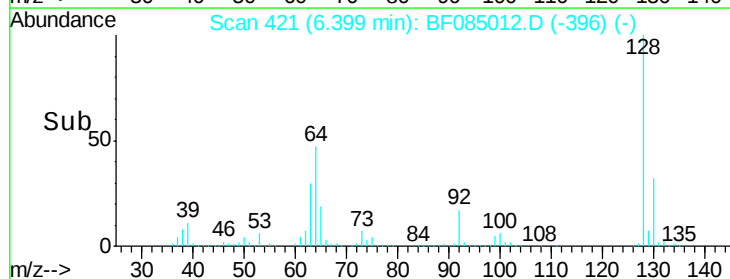
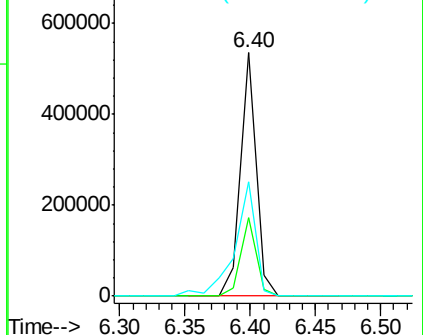
64 47.1 23.8 63.8

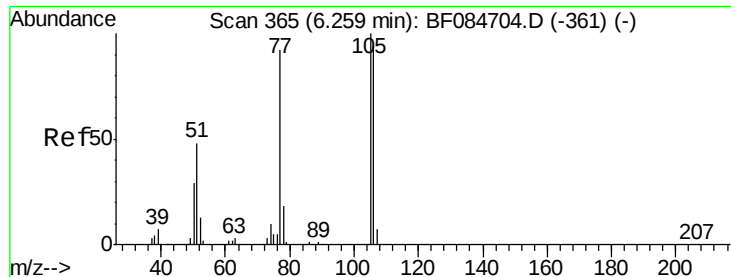


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 15.58 ng

RT: 6.15 min Scan# 399

Delta R.T. -0.02 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

Instrument :

BNA_F

ClientSampleId :

PB88297BS

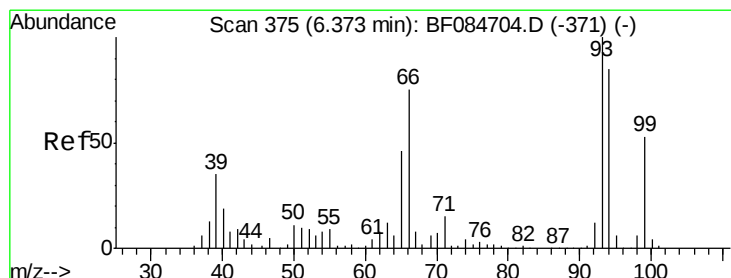
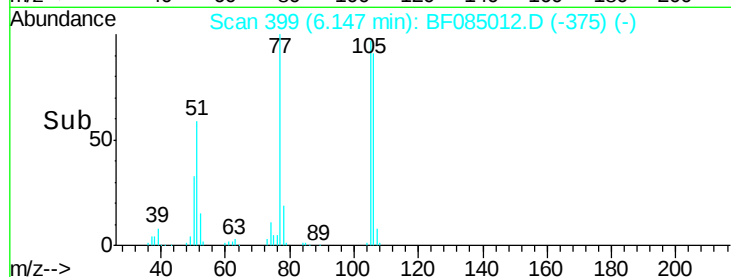
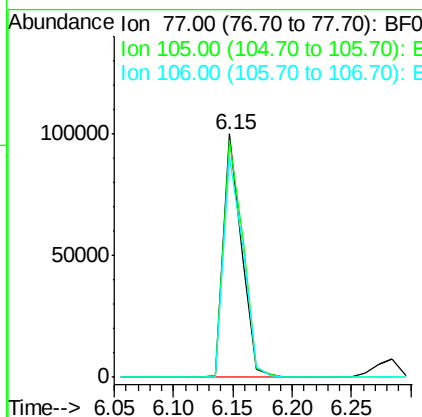
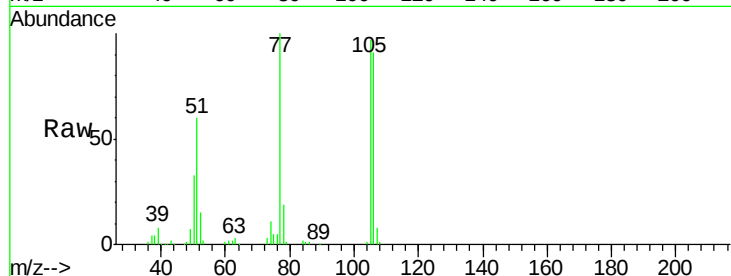
Tgt Ion: 77 Resp: 104691

Ion Ratio Lower Upper

77 100

105 97.4 83.0 123.0

106 90.6 74.6 114.6



#10

Phenol

Concen: 38.56 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

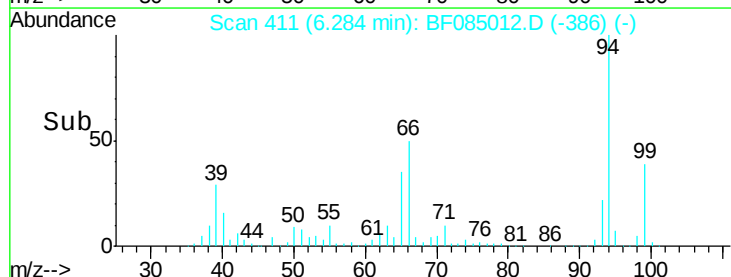
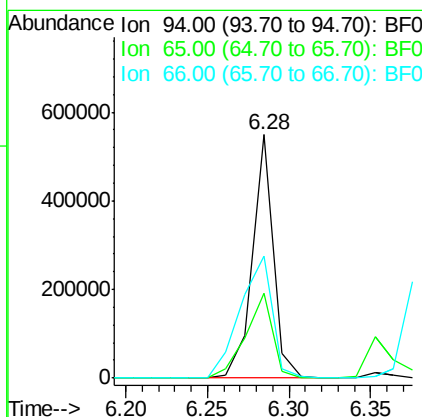
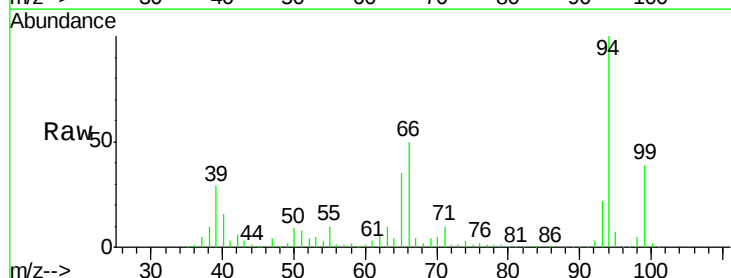
Tgt Ion: 94 Resp: 491653

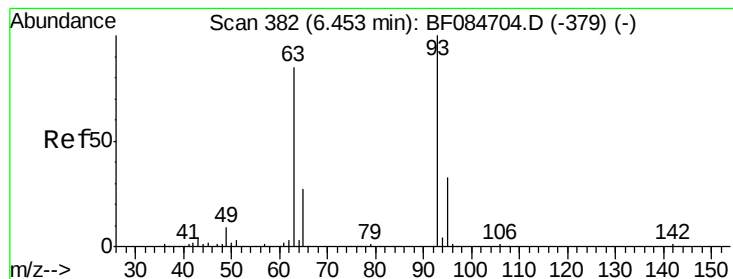
Ion Ratio Lower Upper

94 100

65 34.9 12.9 52.9

66 50.2 32.7 72.7





#11

bis(2-Chloroethyl)ether

Concen: 37.17 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

Instrument :

BNA_F

ClientSampleId :

PB88297BS

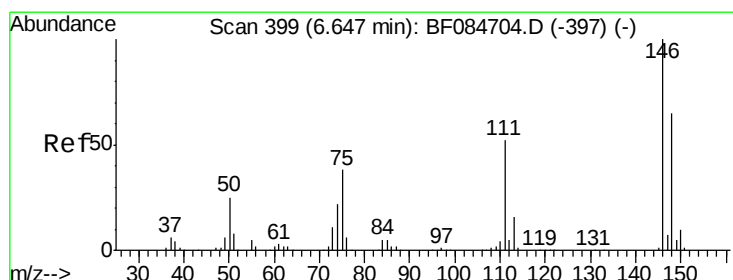
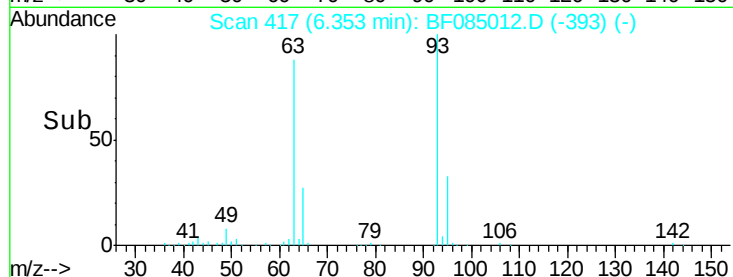
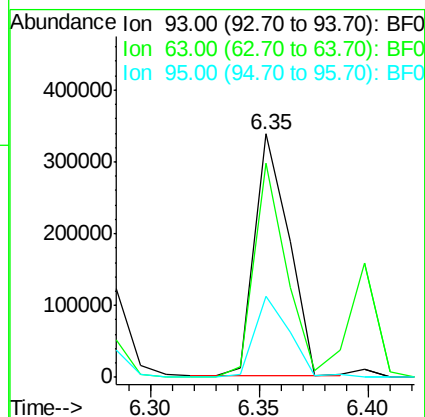
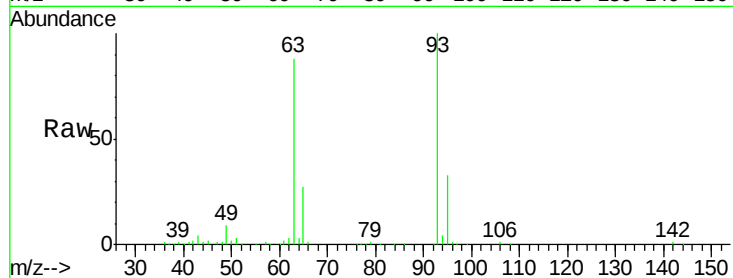
Tgt Ion: 93 Resp: 369544

Ion Ratio Lower Upper

93 100

63 88.2 45.9 85.9#

95 33.2 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 38.07 ng

RT: 6.55 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

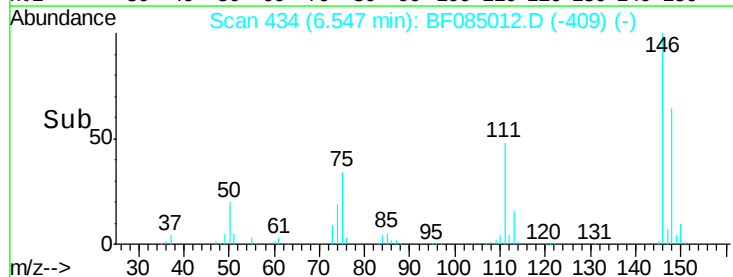
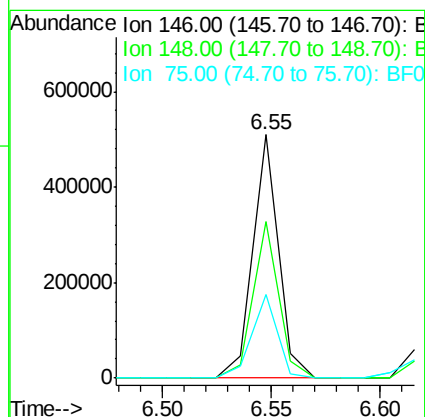
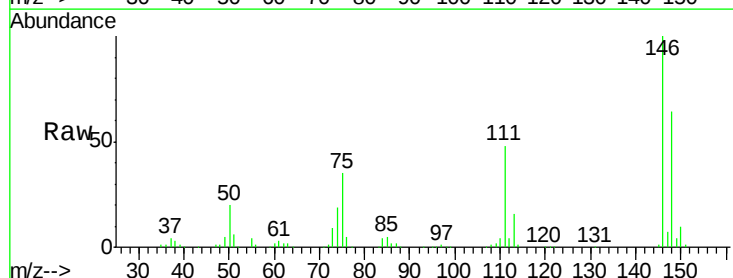
Tgt Ion: 146 Resp: 417952

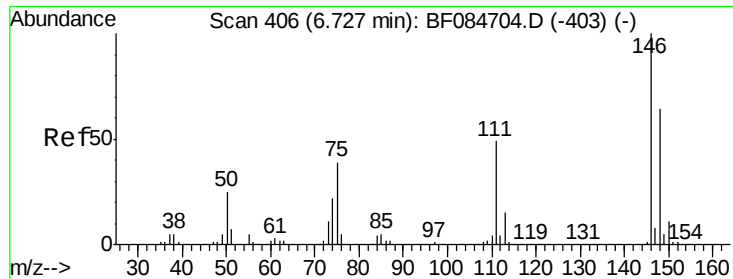
Ion Ratio Lower Upper

146 100

148 64.3 51.9 77.9

75 34.5 20.5 30.7#

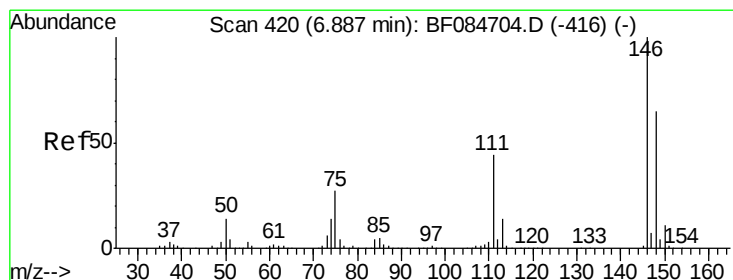
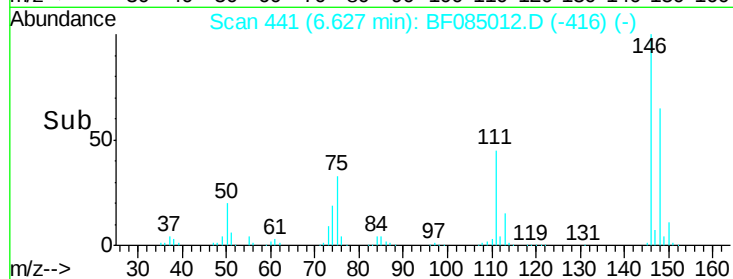
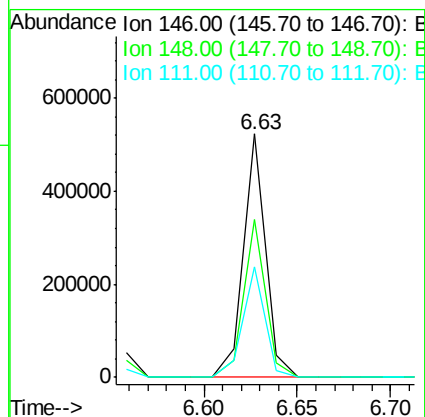
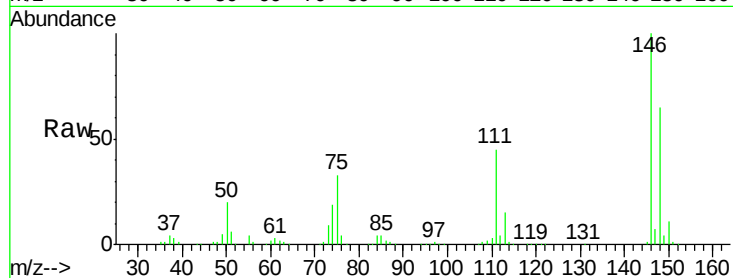




#13
 1,4-Dichlorobenzene
 Concen: 39.41 ng
 RT: 6.63 min Scan# 441
 Delta R.T. -0.01 min
 Lab File: BF085012.D
 Acq: 11 Feb 2016 12:05

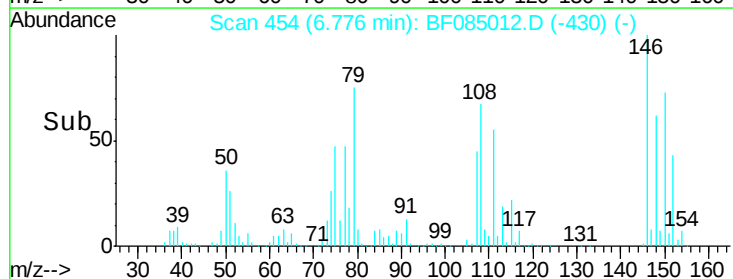
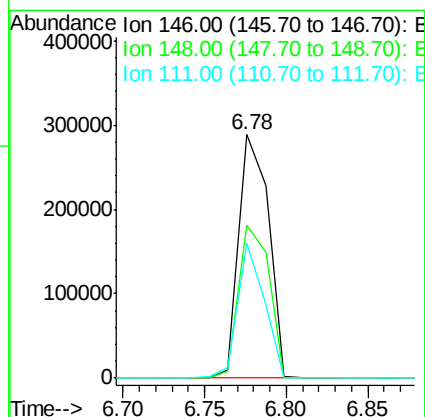
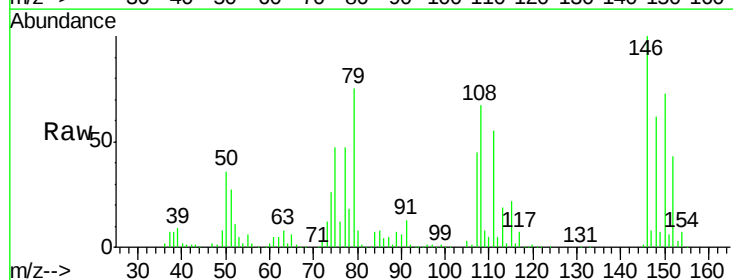
Instrument :
 BNA_F
 ClientSampleId :
 PB88297BS

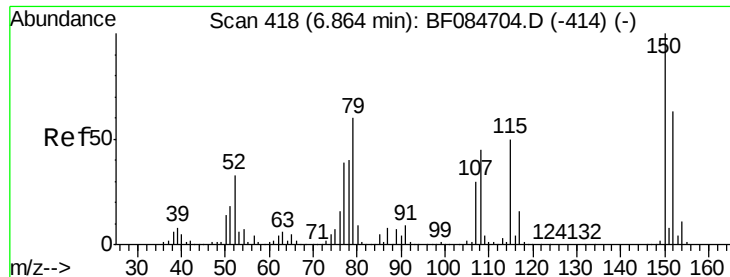
Tgt Ion:146 Resp: 432567
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.9 77.9
 111 45.4 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 35.50 ng
 RT: 6.78 min Scan# 454
 Delta R.T. -0.02 min
 Lab File: BF085012.D
 Acq: 11 Feb 2016 12:05

Tgt Ion:146 Resp: 362935
 Ion Ratio Lower Upper
 146 100
 148 62.5 51.6 77.4
 111 55.5 38.0 57.0





#15

Benzyl Alcohol

Concen: 45.12 ng

RT: 6.76 min Scan# 453

Delta R.T. -0.02 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

Instrument :

BNA_F

ClientSampleId :

PB88297BS

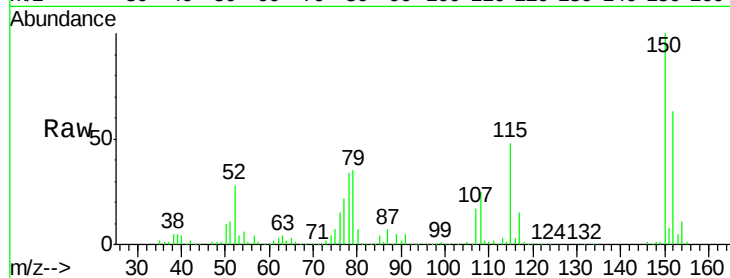
Tgt Ion: 79 Resp: 354580

Ion Ratio Lower Upper

79 100

108 71.4 69.0 103.4

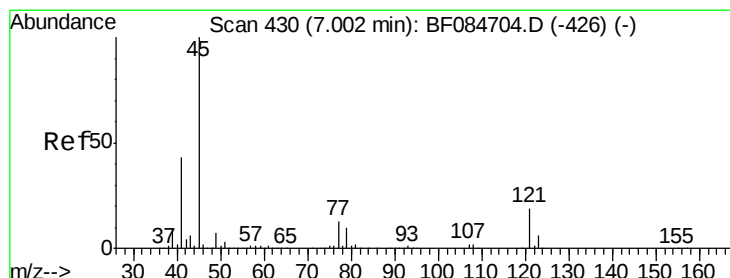
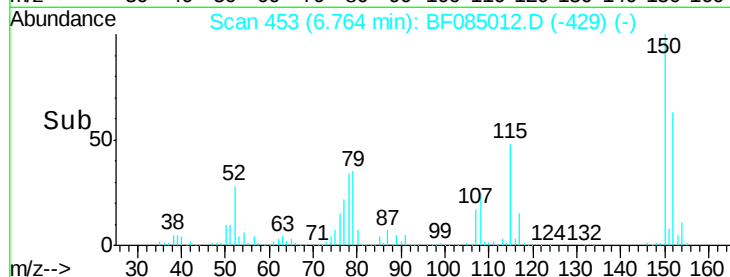
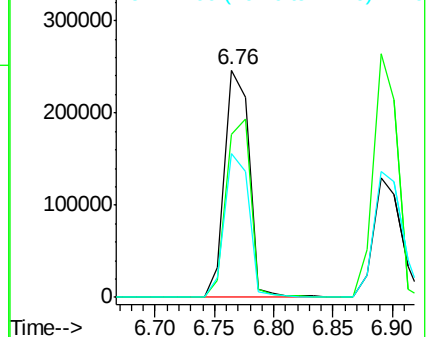
77 63.0 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.79 ng

RT: 6.90 min Scan# 465

Delta R.T. -0.01 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

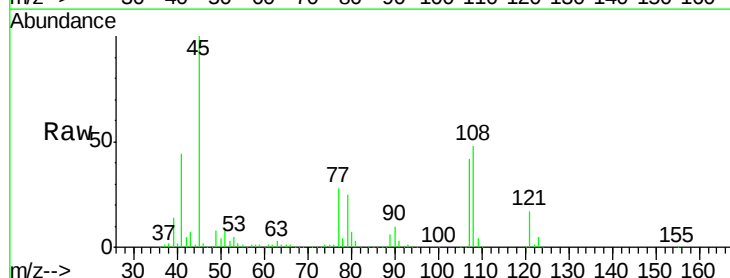
Tgt Ion: 45 Resp: 632126

Ion Ratio Lower Upper

45 100

77 27.6 0.0 39.6

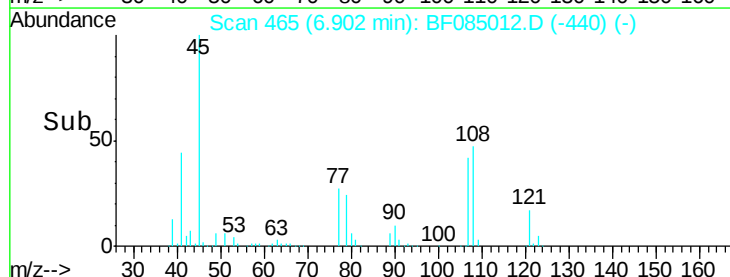
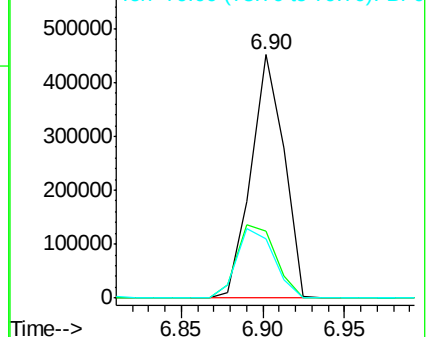
79 24.6 0.0 35.0

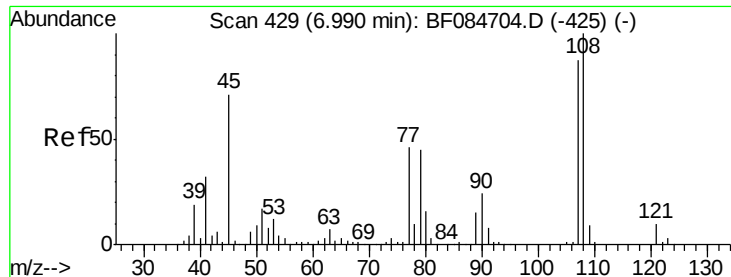


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

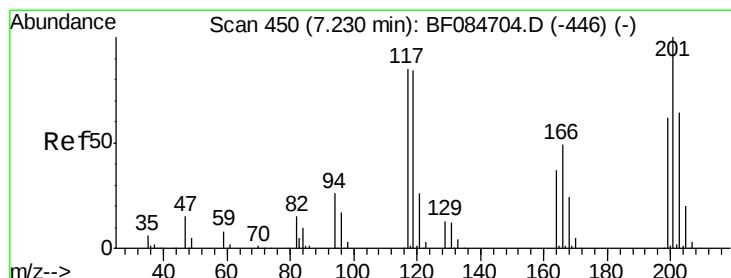
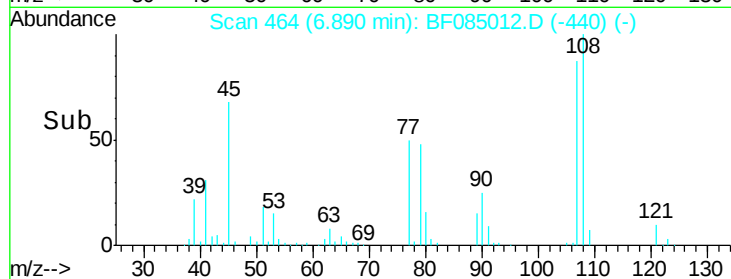
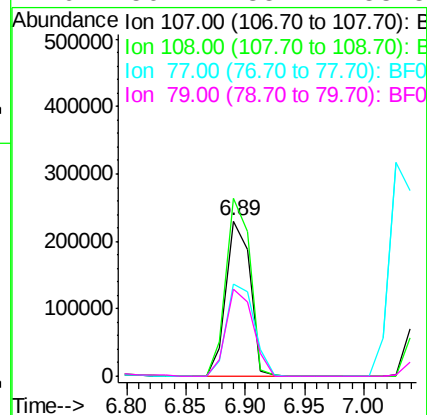
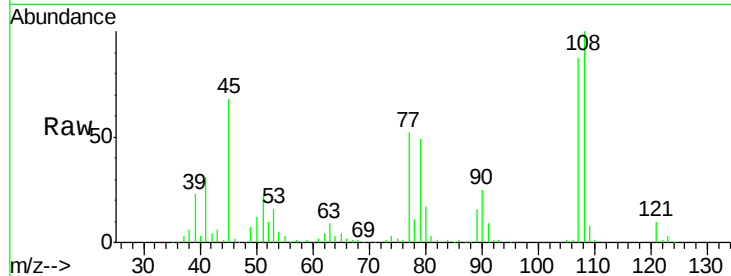




#17
2-Methylphenol
Concen: 39.30 ng
RT: 6.89 min Scan# 464
Delta R.T. -0.02 min
Lab File: BF085012.D
Acq: 11 Feb 2016 12:05

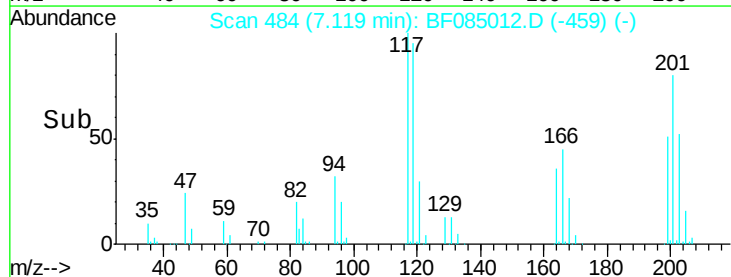
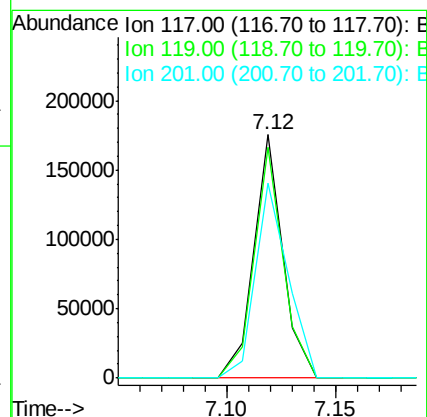
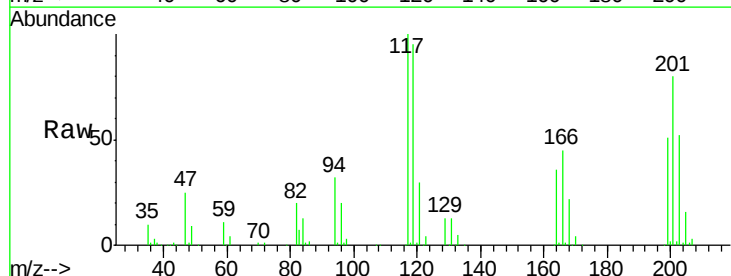
Instrument :
BNA_F
ClientSampleId :
PB88297BS

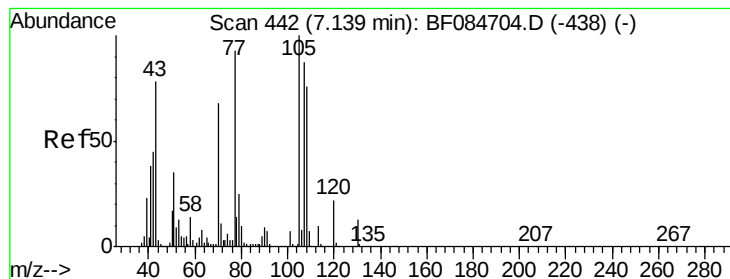
Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.7	89.8	134.6
77	59.3	35.7	53.5#
79	56.2	35.7	53.5#



#18
Hexachloroethane
Concen: 38.53 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF085012.D
Acq: 11 Feb 2016 12:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.4	116.0
201	80.2	68.6	103.0





#19

n-Nitroso-di-n-propylamine

Concen: 39.87 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.02 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

Instrument :

BNA_F

ClientSampleId :

PB88297BS

Tgt Ion: 70 Resp: 284452

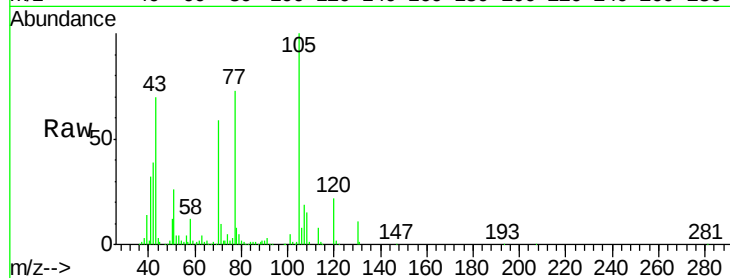
Ion Ratio Lower Upper

70 100

42 65.4 33.3 49.9#

101 8.8 9.3 13.9#

130 18.7 23.4 35.0#

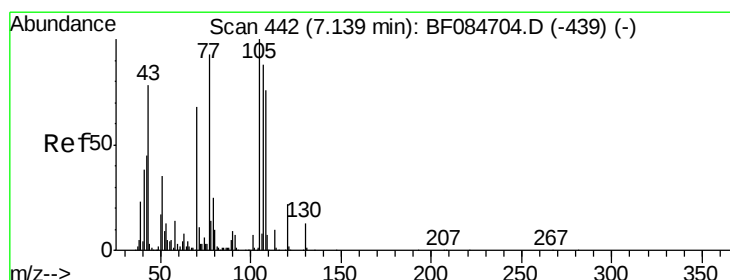
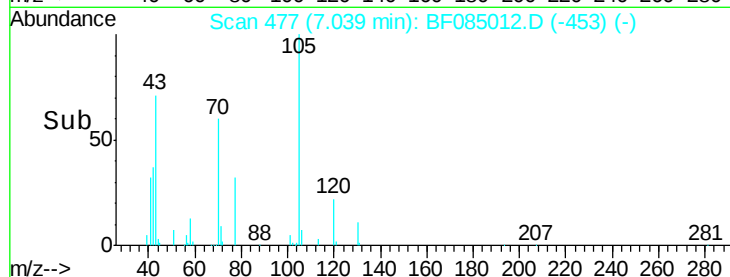
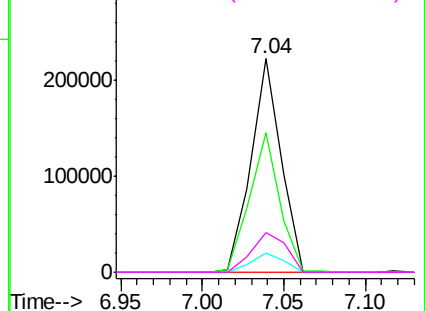


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 42.56 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

Tgt Ion: 107 Resp: 434133

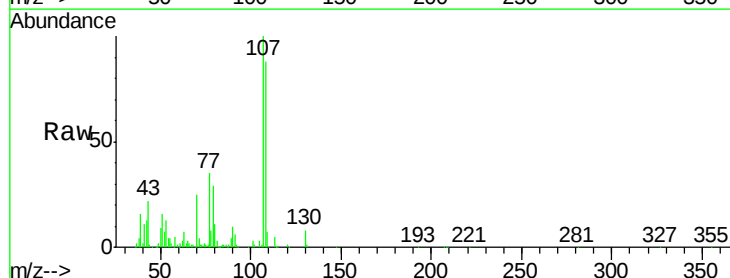
Ion Ratio Lower Upper

107 100

108 88.4 74.6 114.6

77 35.3 0.7 40.7

79 29.2 0.0 39.0

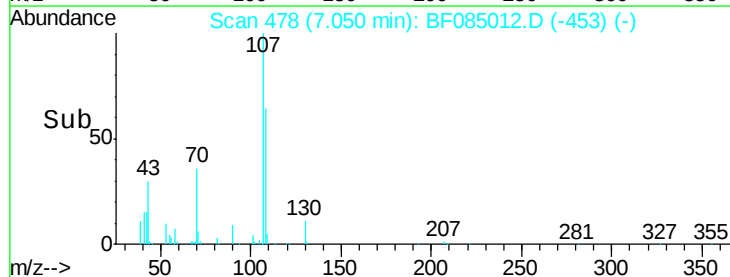
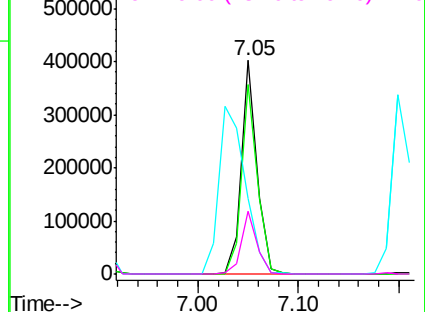


Abundance Ion 107.00 (106.70 to 107.70): E

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.02 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

Instrument :

BNA_F

ClientSampleId :

PB88297BS

Tgt Ion:136 Resp: 583819

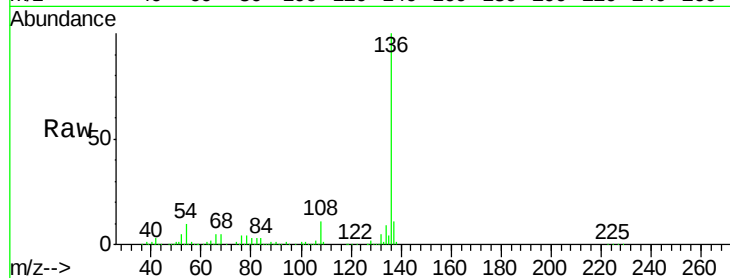
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 9.9 5.8 8.8#

68 5.2 4.2 6.2

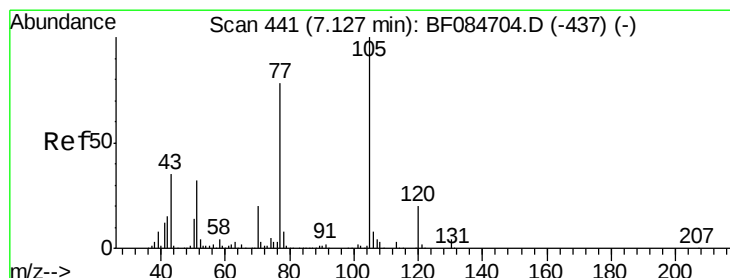
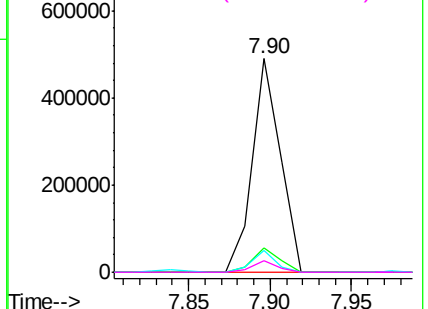
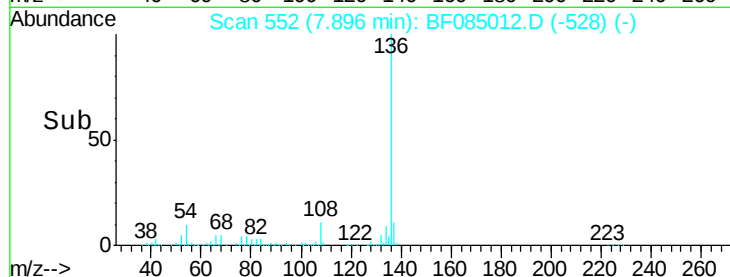


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 39.04 ng

RT: 7.03 min Scan# 476

Delta R.T. -0.02 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

Tgt Ion:105 Resp: 600648

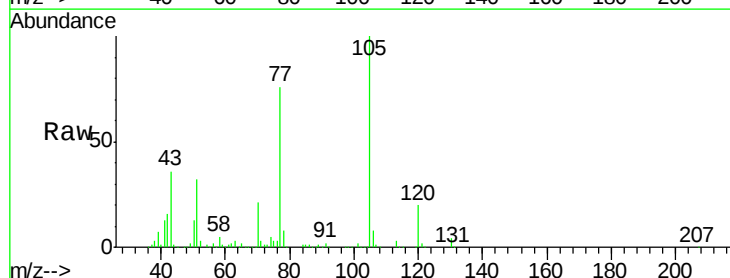
Ion Ratio Lower Upper

105 100

71 3.5 3.7 5.5#

51 32.3 25.1 37.7

120 19.9 16.6 25.0

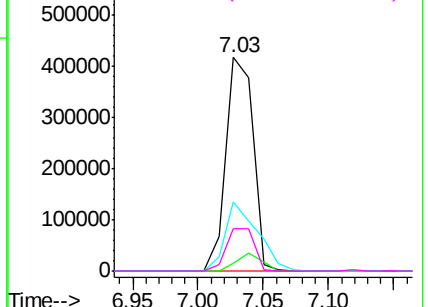
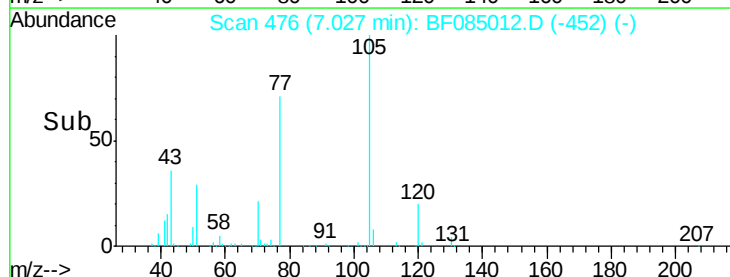


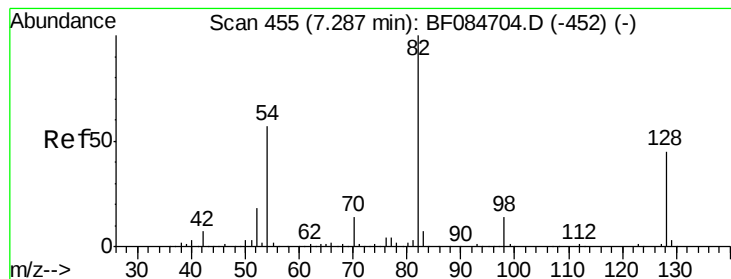
Abundance Ion 105.00 (104.70 to 105.70): E

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





#23

Nitrobenzene-d5

Concen: 84.90 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

Instrument :

BNA_F

ClientSampleId :

PB88297BS

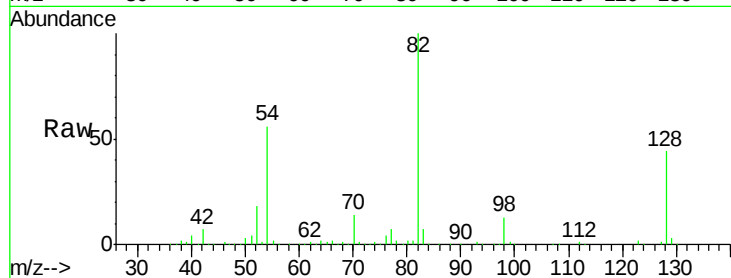
Tgt Ion: 82 Resp: 879843

Ion Ratio Lower Upper

82 100

128 44.3 34.6 51.8

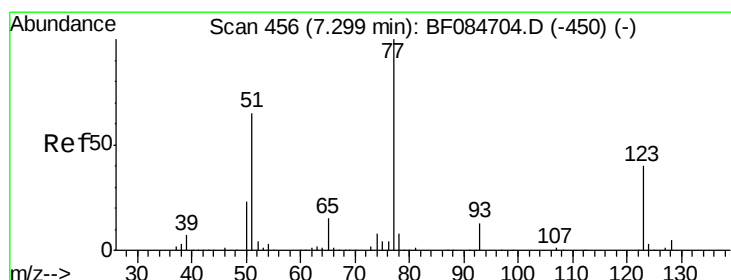
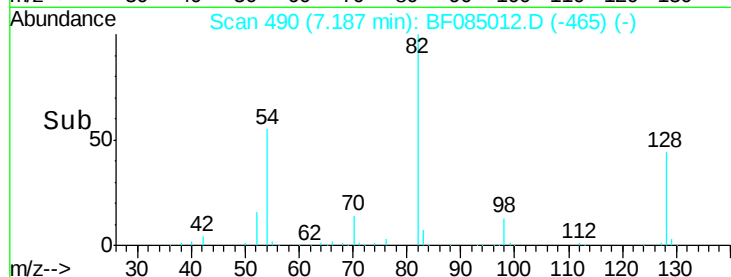
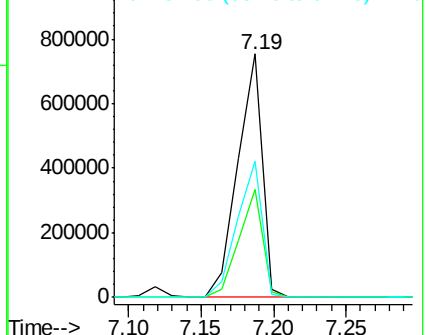
54 55.9 38.4 57.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 37.33 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.02 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

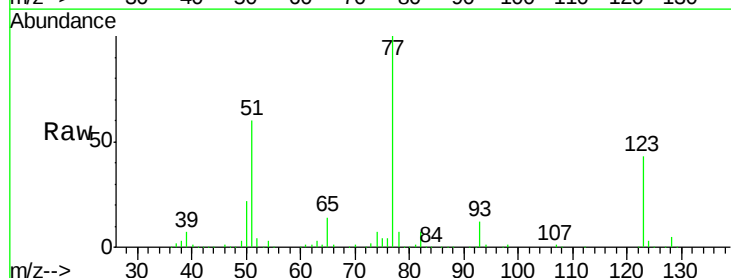
Tgt Ion: 77 Resp: 414260

Ion Ratio Lower Upper

77 100

123 43.0 37.4 56.2

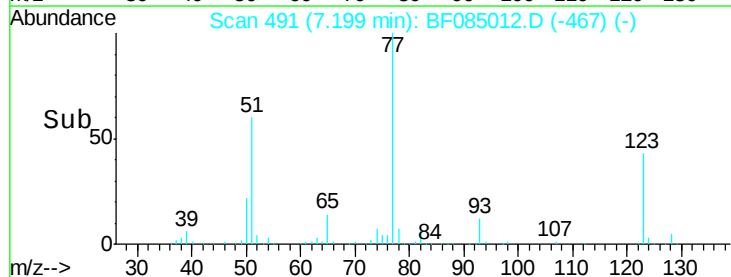
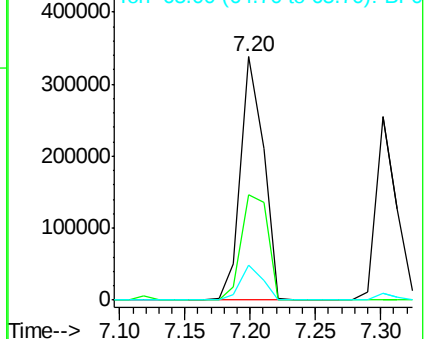
65 14.4 10.9 16.3

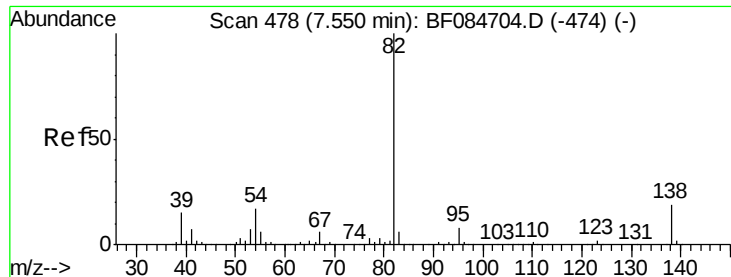


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.68 ng

RT: 7.45 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

Instrument :

BNA_F

ClientSampleId :

PB88297BS

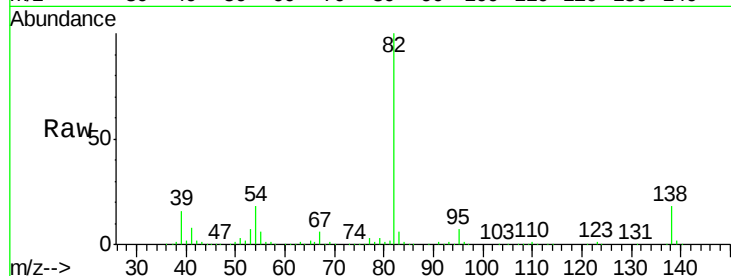
Tgt Ion: 82 Resp: 799606

Ion Ratio Lower Upper

82 100

95 7.4 6.6 10.0

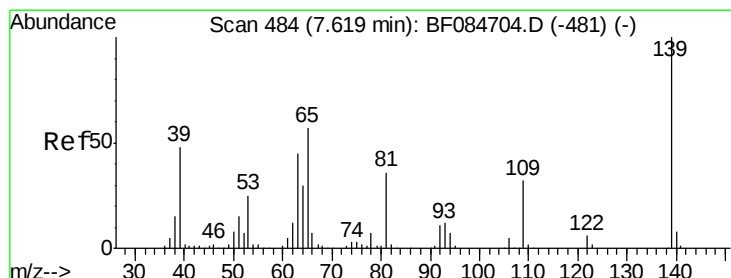
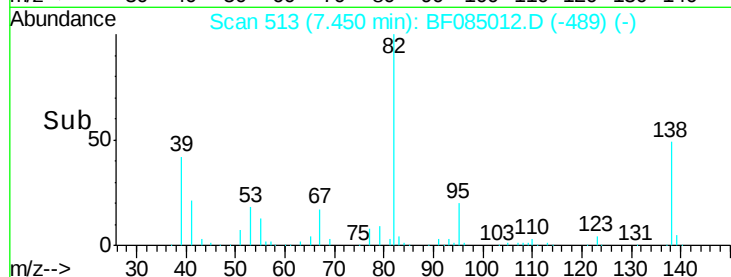
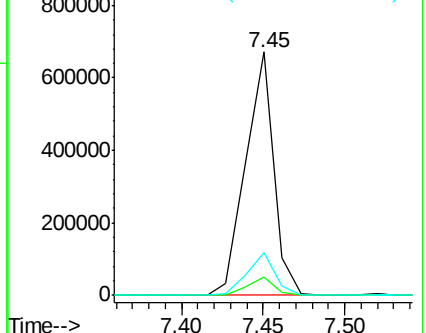
138 17.7 13.6 20.4



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: 39.66 ng

RT: 7.52 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

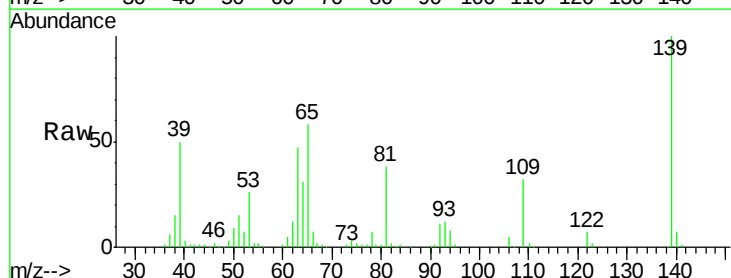
Tgt Ion: 139 Resp: 217093

Ion Ratio Lower Upper

139 100

109 31.6 25.4 38.2

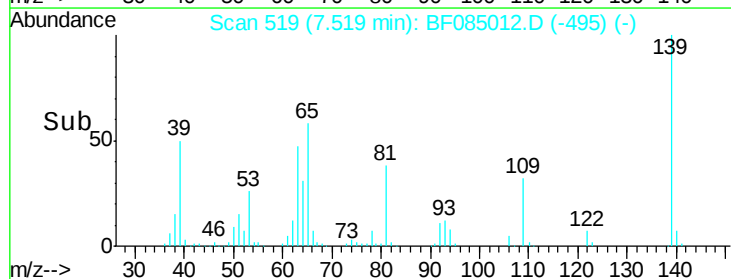
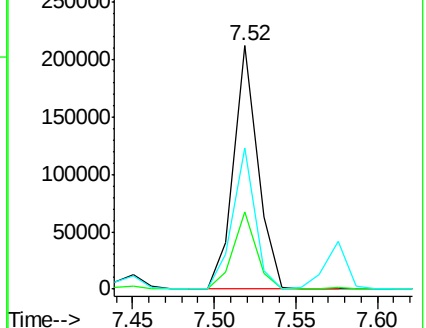
65 57.8 32.3 48.5#

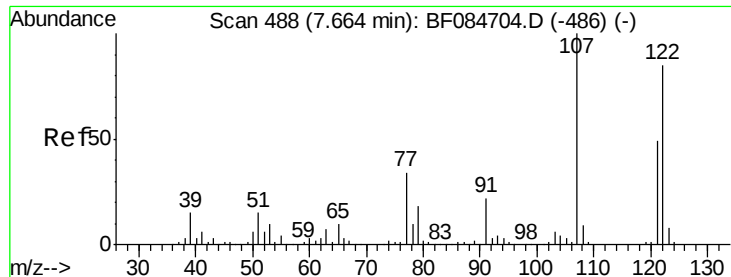


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

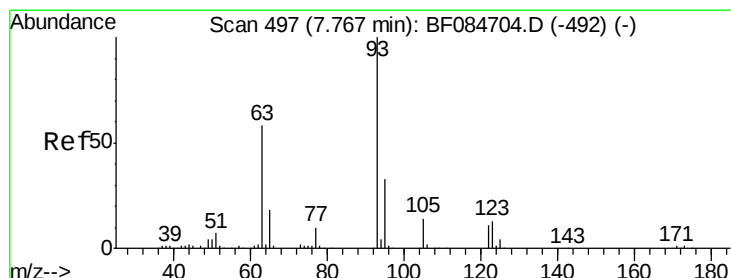
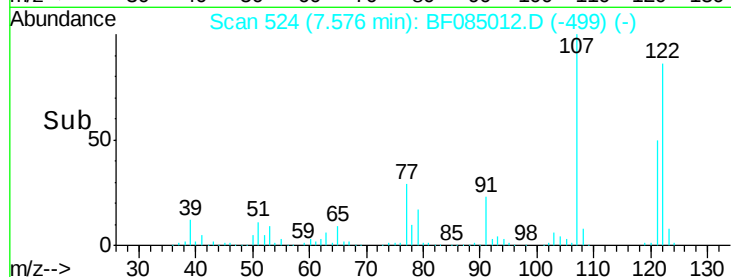
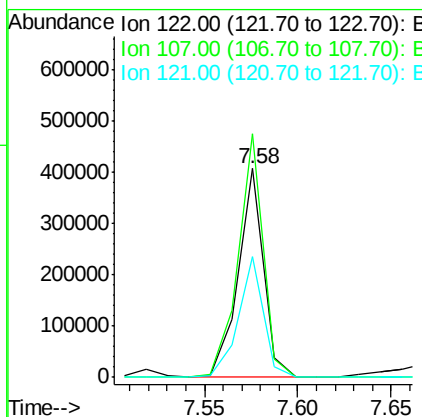
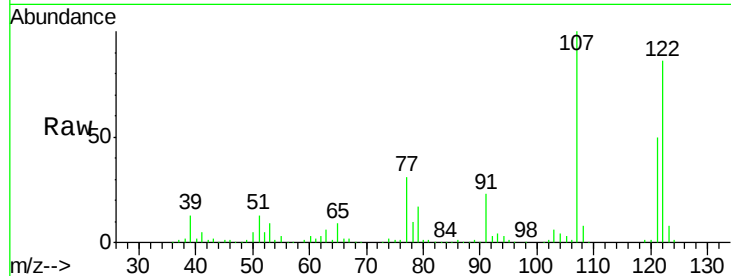




#27
 2,4-Dimethylphenol
 Concen: 40.64 ng
 RT: 7.58 min Scan# 524
 Delta R.T. -0.01 min
 Lab File: BF085012.D
 Acq: 11 Feb 2016 12:05

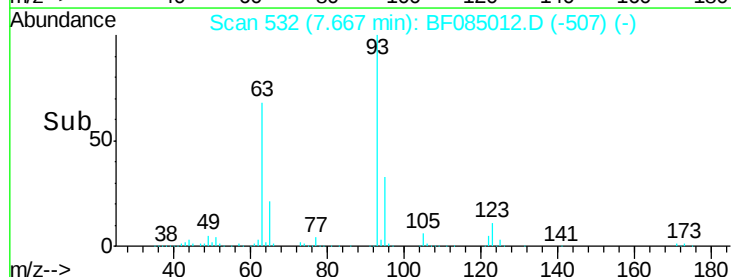
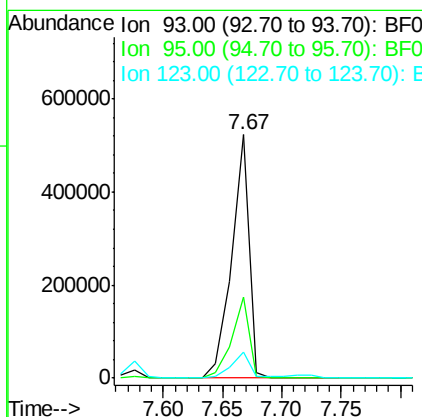
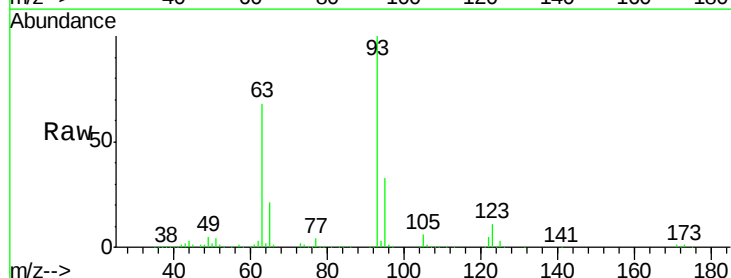
Instrument :
 BNA_F
 ClientSampleId :
 PB88297BS

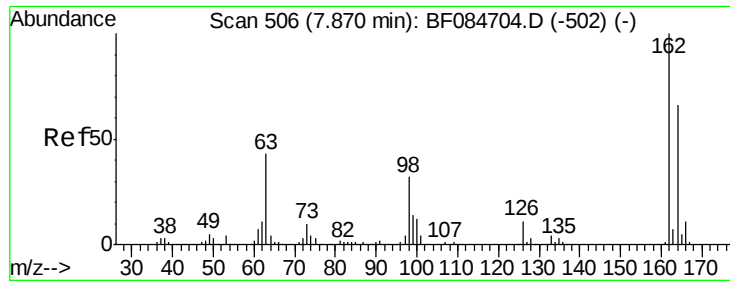
Tgt Ion:122 Resp: 386966
 Ion Ratio Lower Upper
 122 100
 107 116.7 99.1 148.7
 121 57.9 47.9 71.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.38 ng
 RT: 7.67 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: BF085012.D
 Acq: 11 Feb 2016 12:05

Tgt Ion: 93 Resp: 530554
 Ion Ratio Lower Upper
 93 100
 95 33.0 25.8 38.6
 123 10.8 8.6 12.8

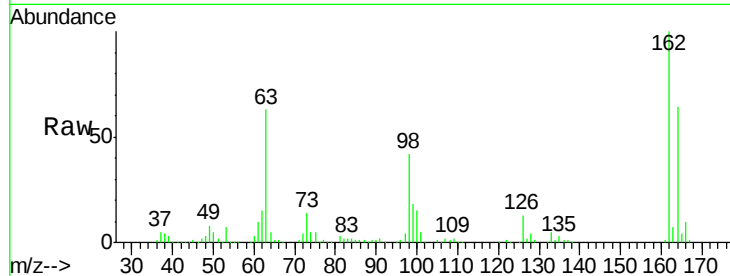




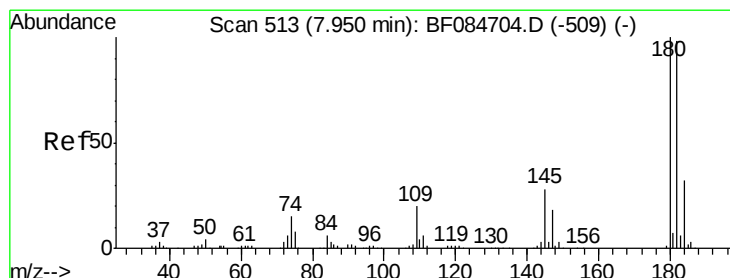
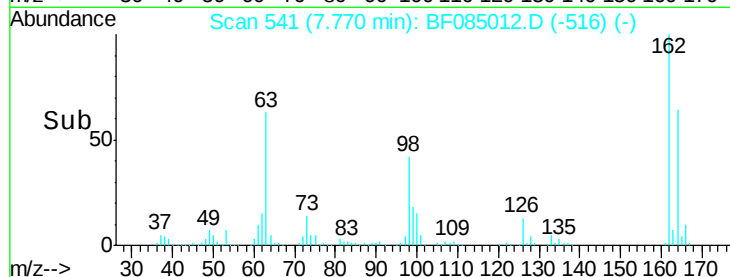
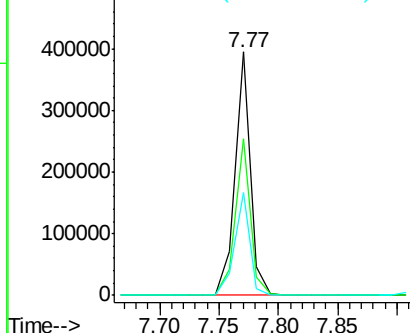
#29
2,4-Dichlorophenol
Concen: 43.59 ng
RT: 7.77 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF085012.D
Acq: 11 Feb 2016 12:05

Instrument :
BNA_F
ClientSampleId :
PB88297BS

Tgt Ion:162 Resp: 355082
Ion Ratio Lower Upper
162 100
164 64.5 44.1 84.1
98 42.0 20.2 60.2

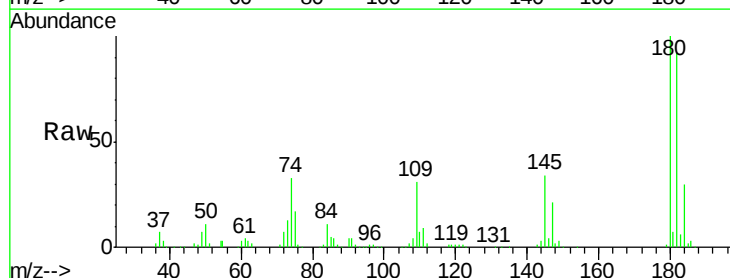


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

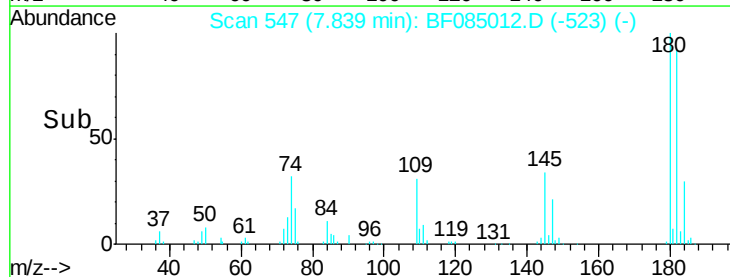
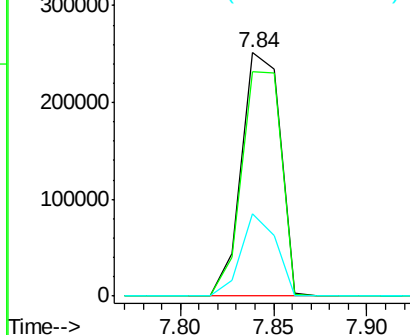


#30
1,2,4-Trichlorobenzene
Concen: 39.66 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.02 min
Lab File: BF085012.D
Acq: 11 Feb 2016 12:05

Tgt Ion:180 Resp: 364897
Ion Ratio Lower Upper
180 100
182 92.2 76.4 114.6
145 33.8 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: 38.21 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.02 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

Instrument :

BNA_F

ClientSampleId :

PB88297BS

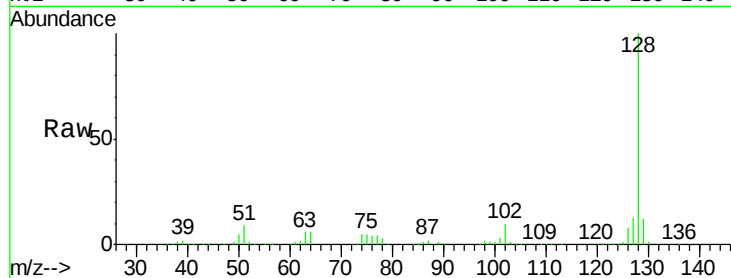
Tgt Ion:128 Resp: 1118866

Ion Ratio Lower Upper

128 100

129 11.9 9.1 13.7

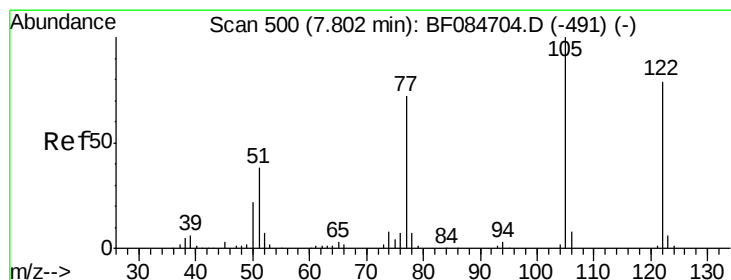
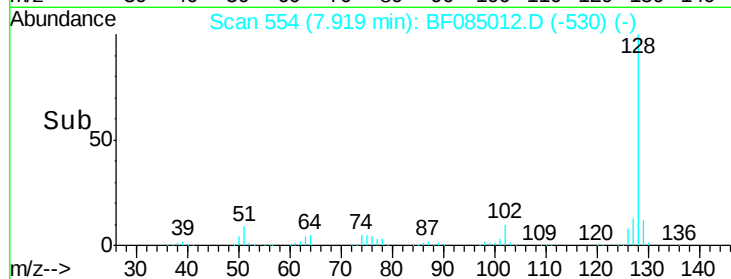
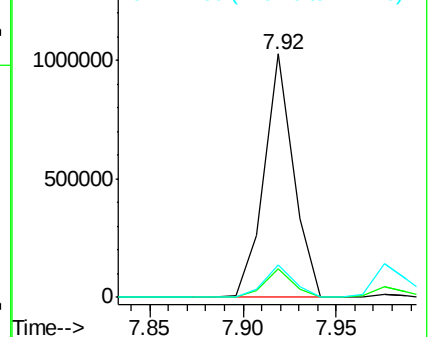
127 13.5 11.1 16.7



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: 37.95 ng

RT: 7.72 min Scan# 537

Delta R.T. -0.02 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

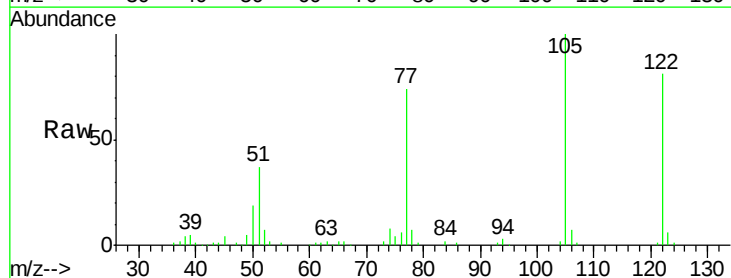
Tgt Ion:122 Resp: 231106

Ion Ratio Lower Upper

122 100

105 122.8 100.3 140.3

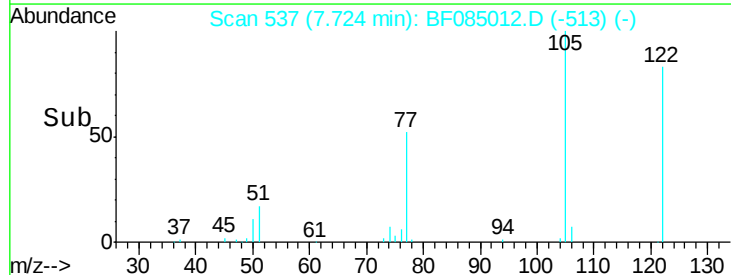
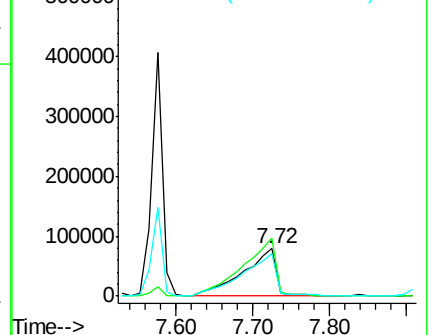
77 90.3 63.5 103.5

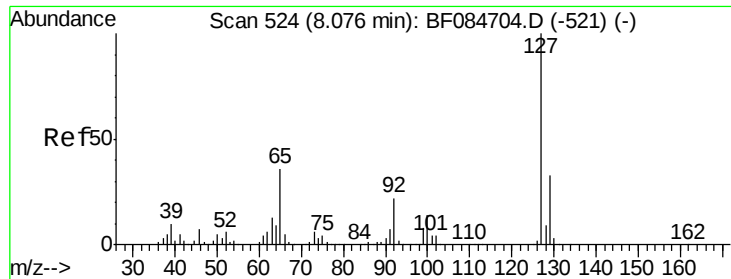


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

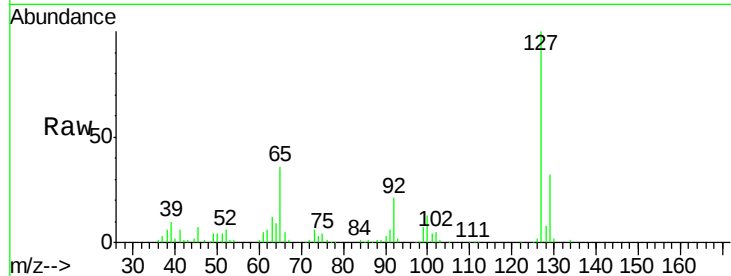




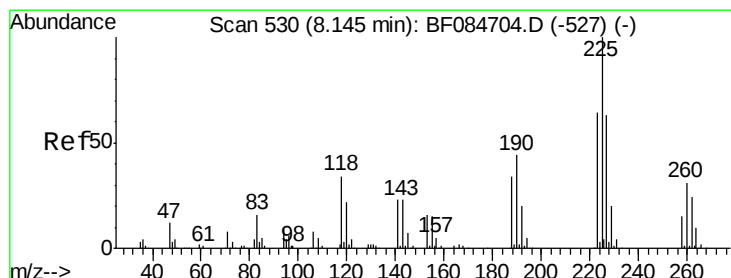
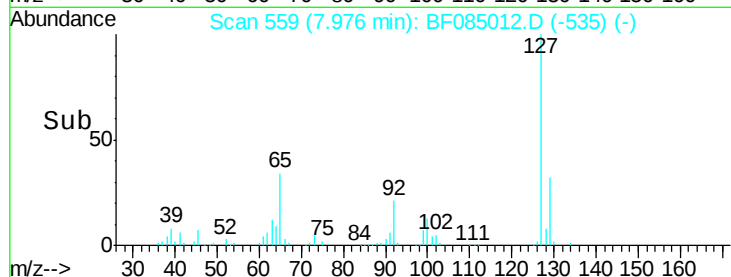
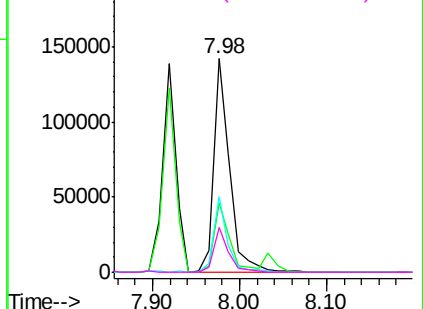
#33
4-Chloroaniline
Concen: 15.07 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF085012.D
Acq: 11 Feb 2016 12:05

Instrument :
BNA_F
ClientSampleId :
PB88297BS

Tgt Ion:	127	Resp:	182574
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.5	39.7
65	35.5	27.2	40.8
92	21.0	17.7	26.5

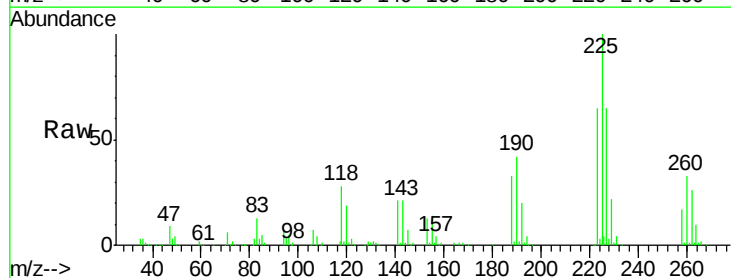


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

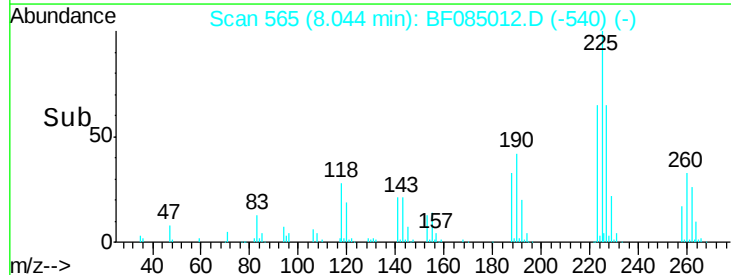
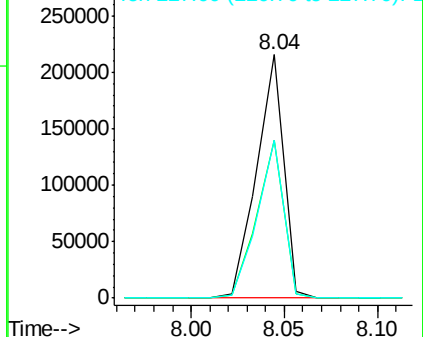


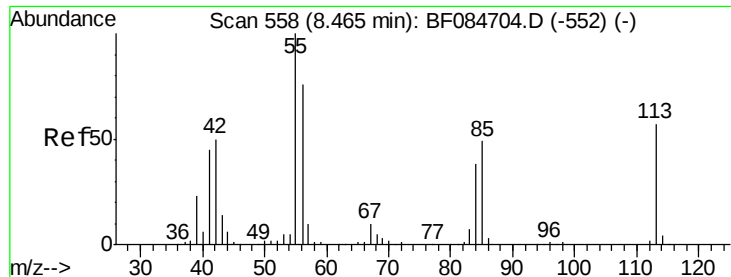
#34
Hexachlorobutadiene
Concen: 40.85 ng
RT: 8.04 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF085012.D
Acq: 11 Feb 2016 12:05

Tgt Ion:	225	Resp:	216753
Ion	Ratio	Lower	Upper
225	100		
223	64.7	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

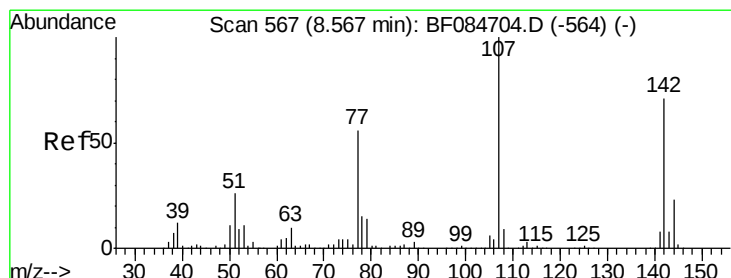
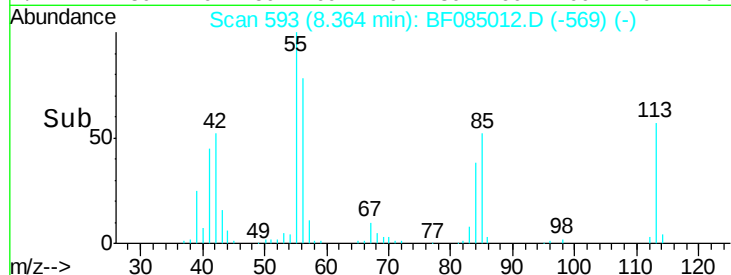
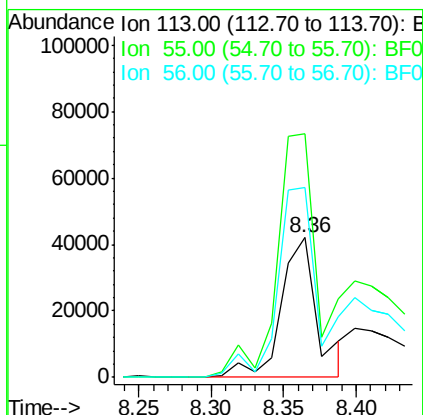
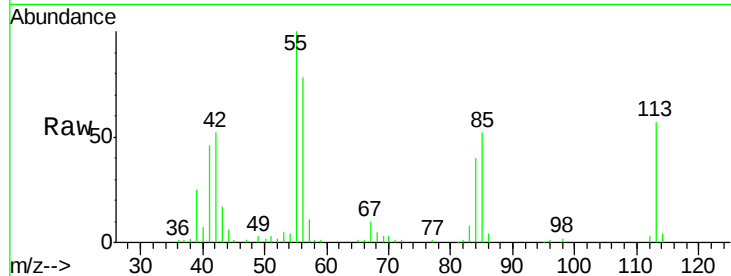




#35
 Caprolactam
 Concen: 28.91 ng
 RT: 8.36 min Scan# 593
 Delta R.T. -0.02 min
 Lab File: BF085012.D
 Acq: 11 Feb 2016 12:05

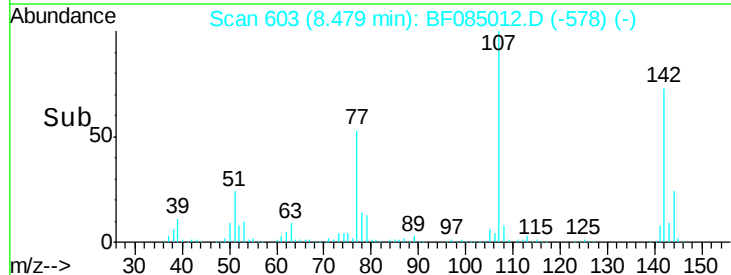
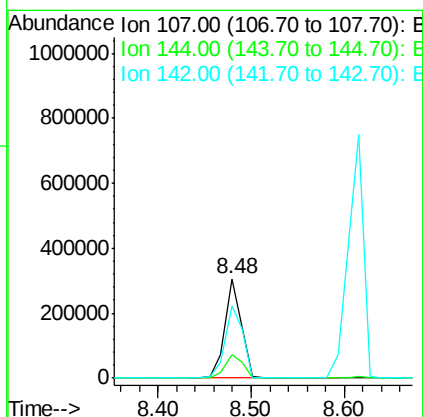
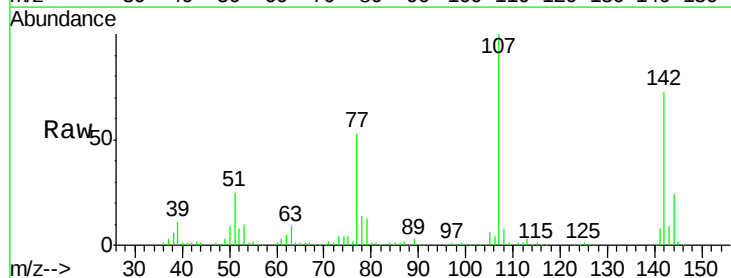
Instrument :
 BNA_F
 ClientSampleId :
 PB88297BS

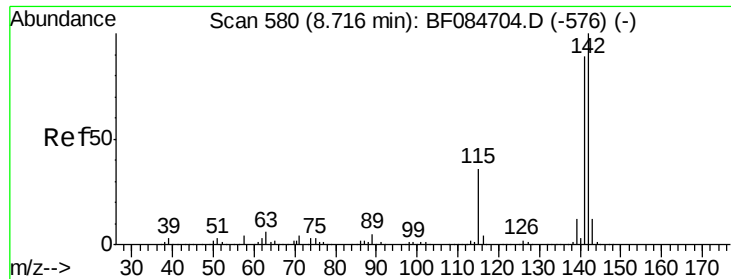
Tgt Ion:113 Resp: 72589
 Ion Ratio Lower Upper
 113 100
 55 174.2 116.9 156.9#
 56 135.4 93.8 133.8#



#36
 4-Chloro-3-methylphenol
 Concen: 40.42 ng
 RT: 8.48 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085012.D
 Acq: 11 Feb 2016 12:05

Tgt Ion:107 Resp: 375622
 Ion Ratio Lower Upper
 107 100
 144 23.8 19.7 29.5
 142 72.7 61.8 92.6

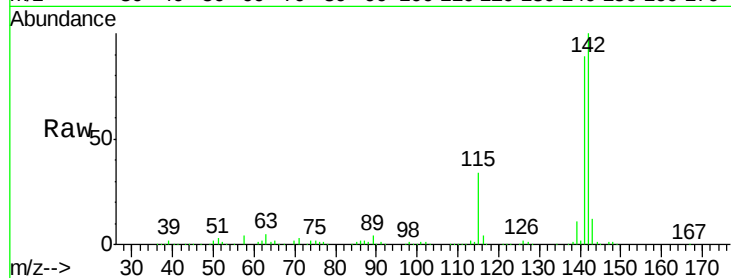




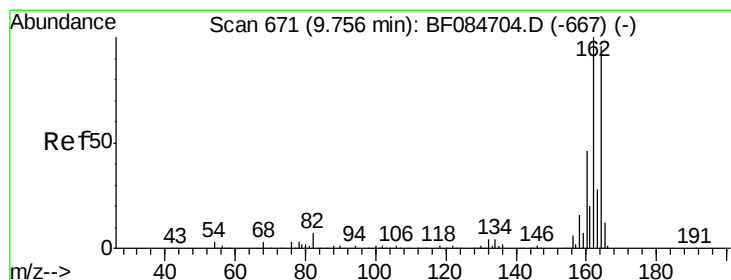
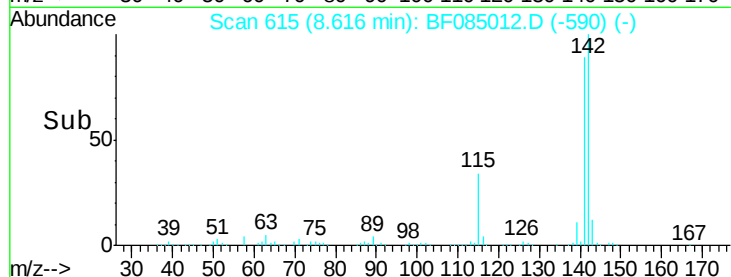
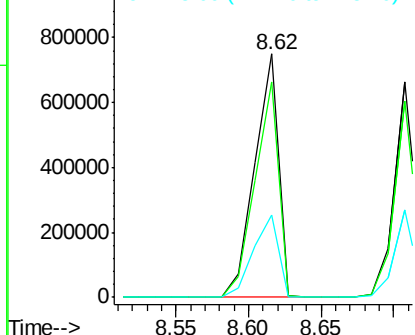
#37
2-Methylnaphthalene
Concen: 46.64 ng
RT: 8.62 min Scan# 615
Delta R.T. -0.01 min
Lab File: BF085012.D
Acq: 11 Feb 2016 12:05

Instrument :
BNA_F
ClientSampleId :
PB88297BS

Tgt Ion:142 Resp: 854878
Ion Ratio Lower Upper
142 100
141 88.6 72.4 108.6
115 34.0 27.9 41.9

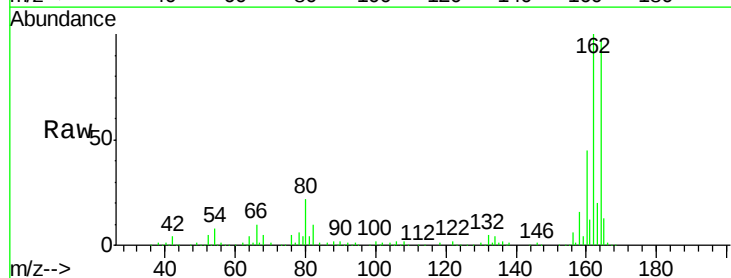


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

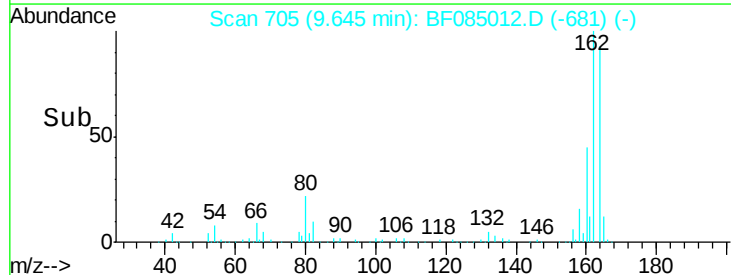
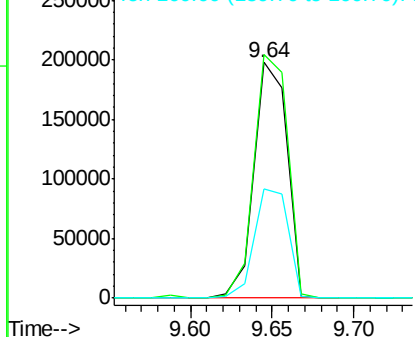


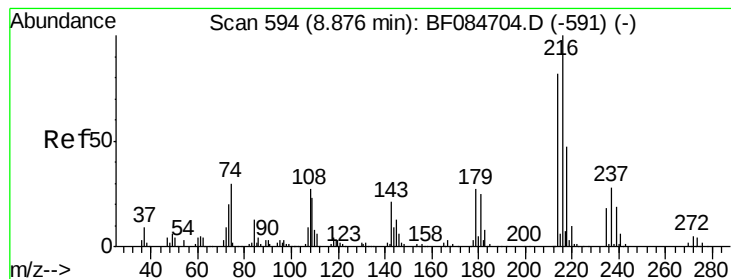
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.02 min
Lab File: BF085012.D
Acq: 11 Feb 2016 12:05

Tgt Ion:164 Resp: 279100
Ion Ratio Lower Upper
164 100
162 103.3 85.1 127.7
160 46.4 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: 36.15 ng

RT: 8.78 min Scan# 629

Delta R.T. -0.02 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

Instrument :

BNA_F

ClientSampleId :

PB88297BS

Tgt Ion:216 Resp: 320426

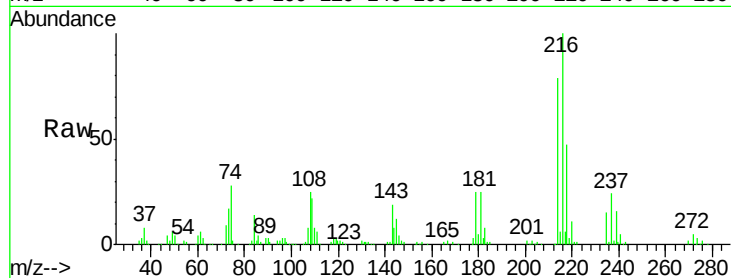
Ion Ratio Lower Upper

216 100

214 77.5 64.2 96.2

179 22.5 18.7 28.1

108 22.6 16.8 25.2

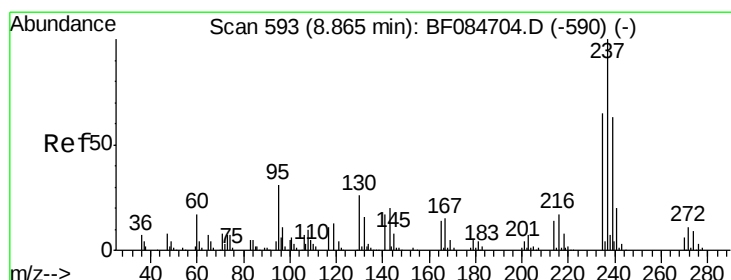
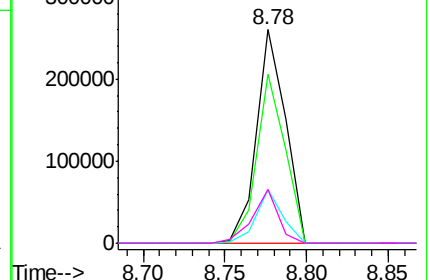
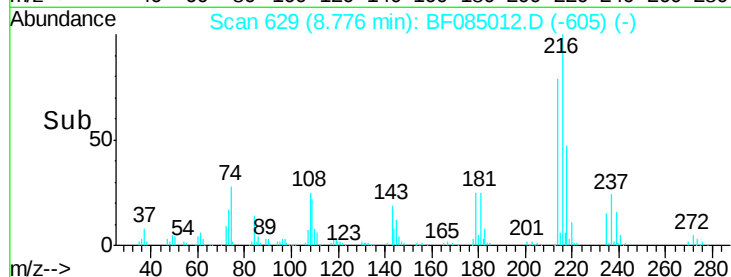


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 75.46 ng

RT: 8.76 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

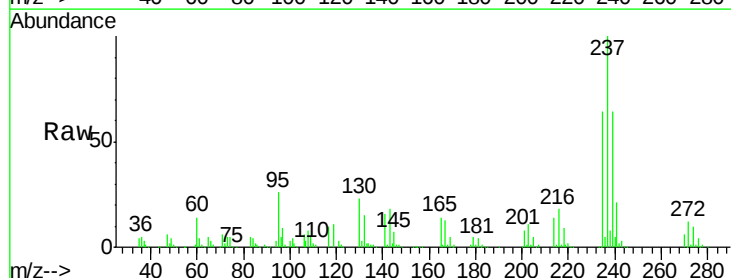
Tgt Ion:237 Resp: 288401

Ion Ratio Lower Upper

237 100

235 64.0 43.1 83.1

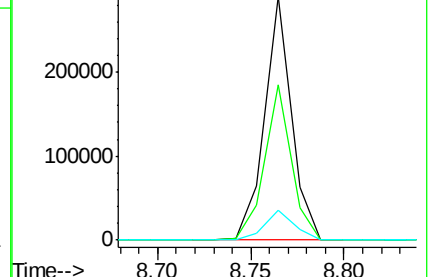
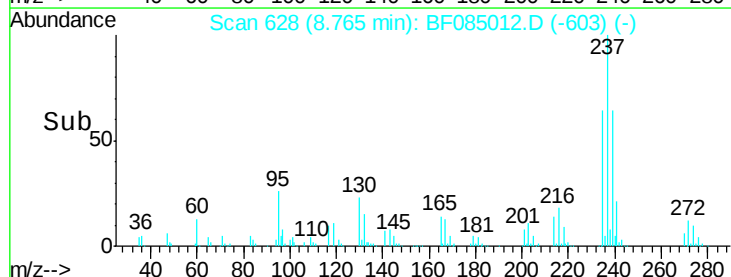
272 12.1 0.0 35.1

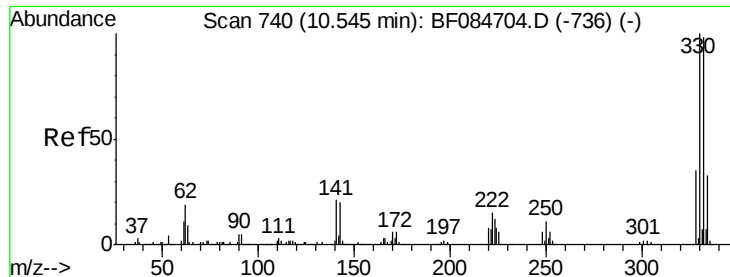


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

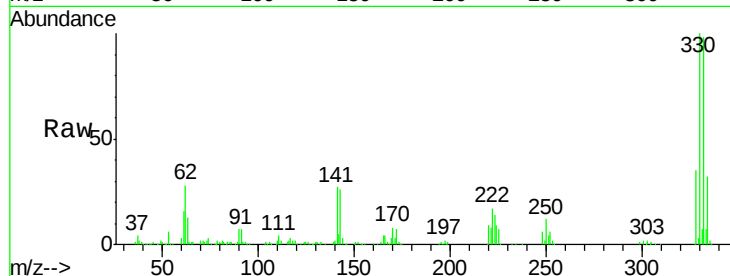




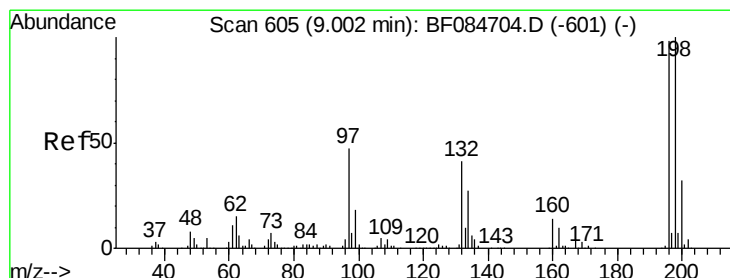
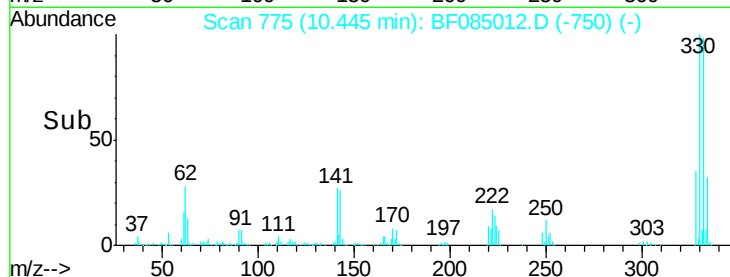
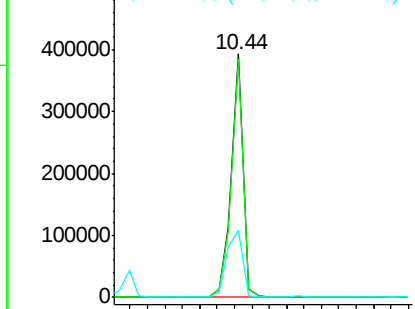
#41
 2,4,6-Tribromophenol
 Concen: 127.76 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF085012.D
 Acq: 11 Feb 2016 12:05

Instrument :
 BNA_F
 ClientSampleId :
 PB88297BS

Tgt Ion:330 Resp: 371931
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 114.8
 141 37.3 27.8 41.6

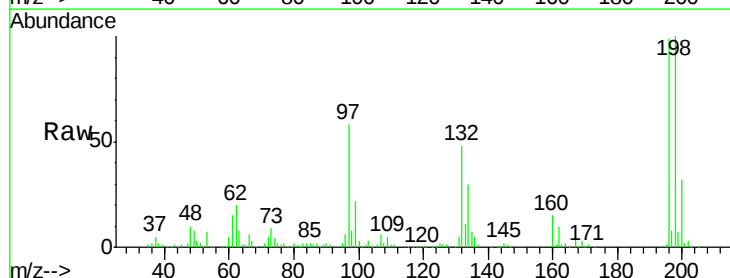


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

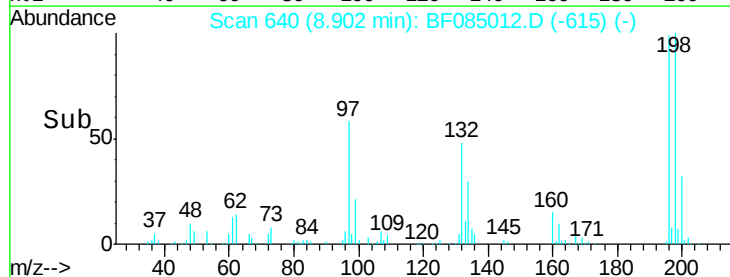
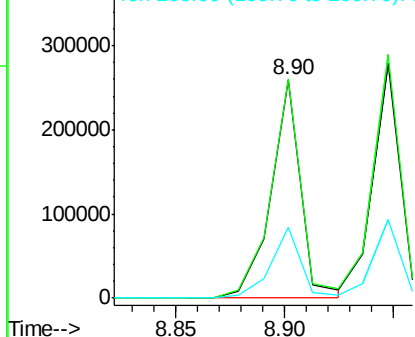


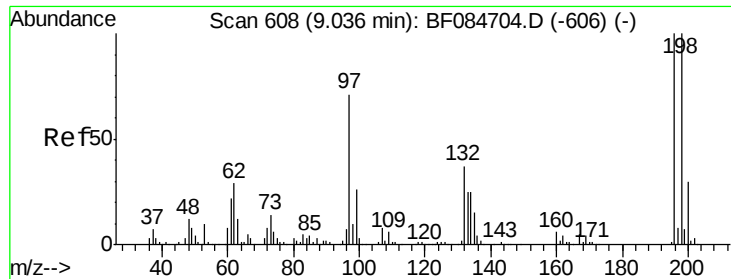
#42
 2,4,6-Trichlorophenol
 Concen: 43.73 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.01 min
 Lab File: BF085012.D
 Acq: 11 Feb 2016 12:05

Tgt Ion:196 Resp: 249725
 Ion Ratio Lower Upper
 196 100
 198 100.7 77.7 116.5
 200 32.5 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

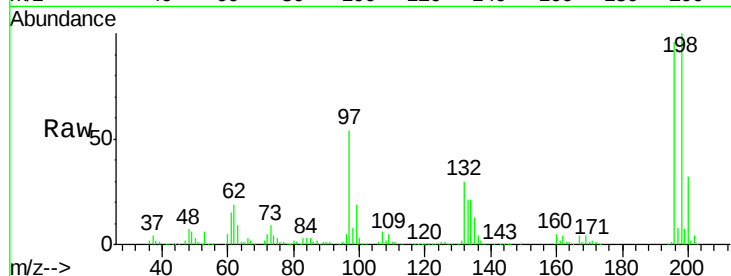




#43
 2,4,5-Trichlorophenol
 Concen: 42.70 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.01 min
 Lab File: BF085012.D
 Acq: 11 Feb 2016 12:05

Instrument :
 BNA_F
 ClientSampleId :
 PB88297BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	104.0	79.0	118.6
97	55.7	33.0	49.6
132	31.6	21.1	31.7



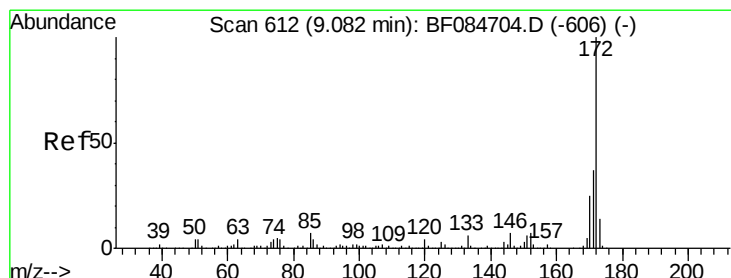
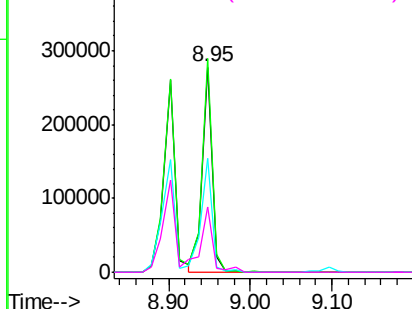
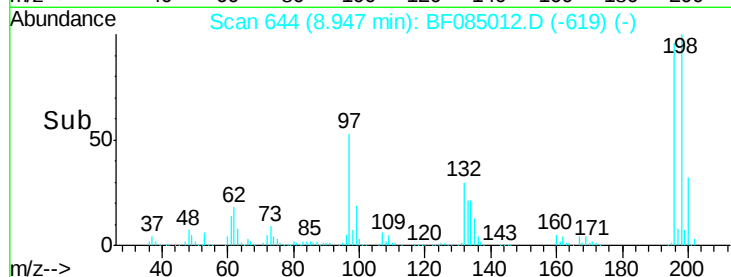
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

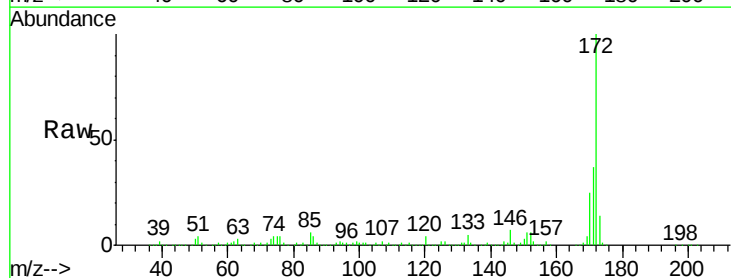
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 95.57 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF085012.D
 Acq: 11 Feb 2016 12:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.9	43.3
170	24.7	18.6	27.8

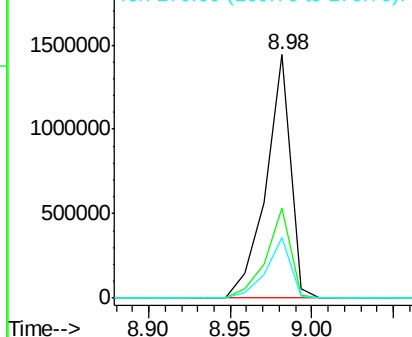
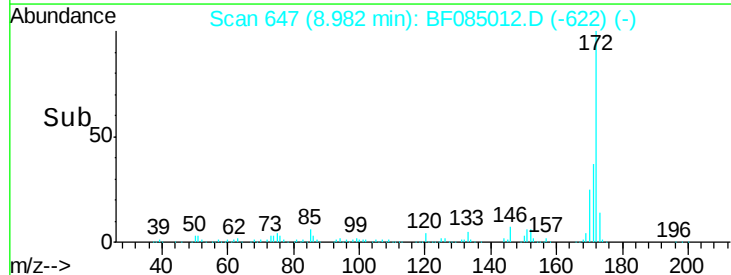


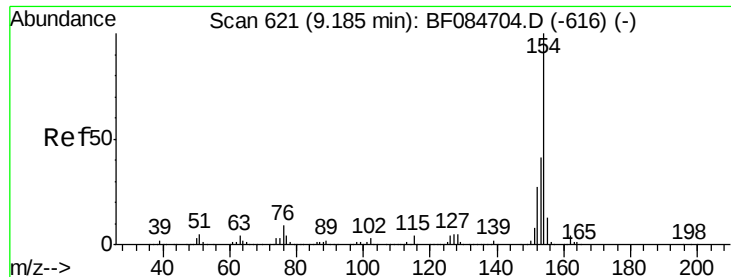
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

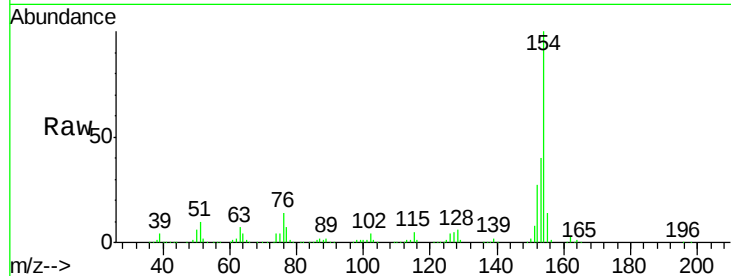




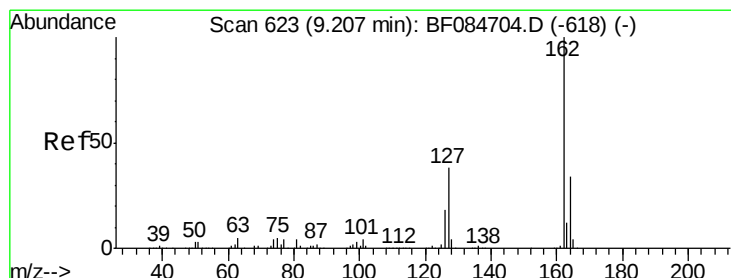
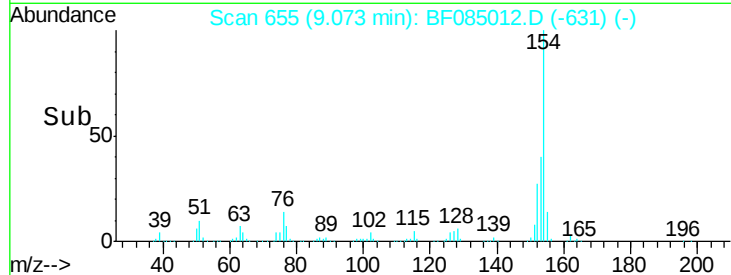
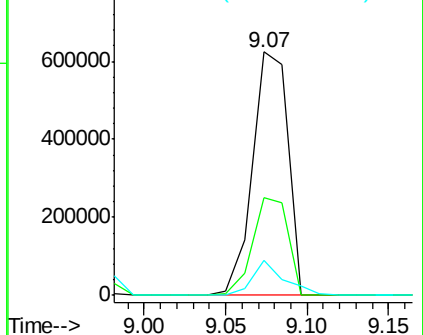
#45
 1,1'-Biphenyl
 Concen: 37.62 ng
 RT: 9.07 min Scan# 655
 Delta R.T. -0.02 min
 Lab File: BF085012.D
 Acq: 11 Feb 2016 12:05

Instrument :
 BNA_F
 ClientSampleId :
 PB88297BS

Tgt Ion:154 Resp: 937758
 Ion Ratio Lower Upper
 154 100
 153 40.2 21.6 61.6
 76 14.4 0.0 32.7

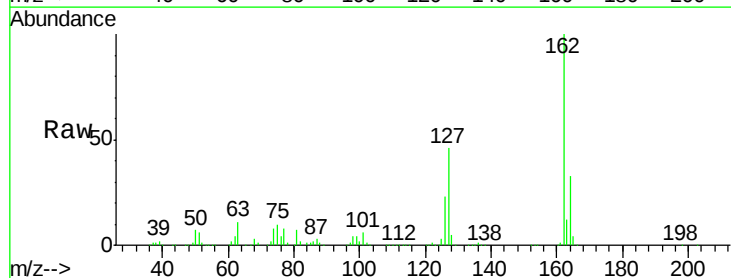


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

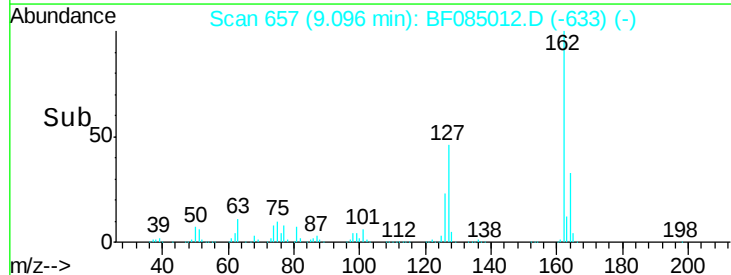
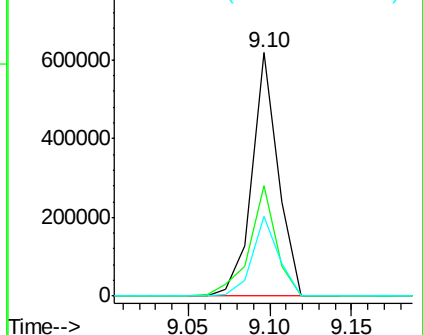


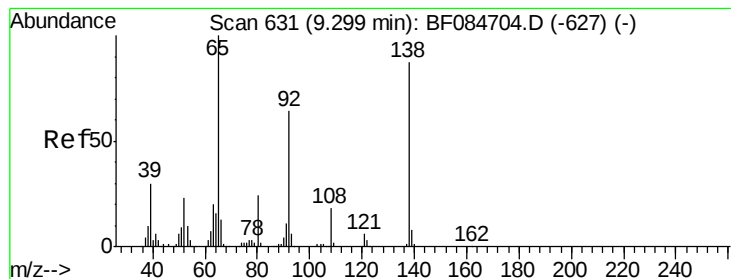
#46
 2-Chloronaphthalene
 Concen: 37.43 ng
 RT: 9.10 min Scan# 657
 Delta R.T. -0.02 min
 Lab File: BF085012.D
 Acq: 11 Feb 2016 12:05

Tgt Ion:162 Resp: 687123
 Ion Ratio Lower Upper
 162 100
 127 45.6 40.2 60.4
 164 33.0 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

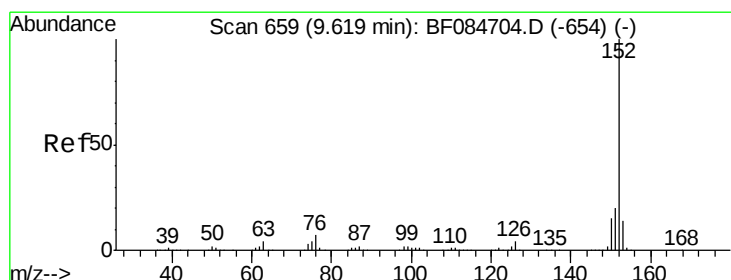
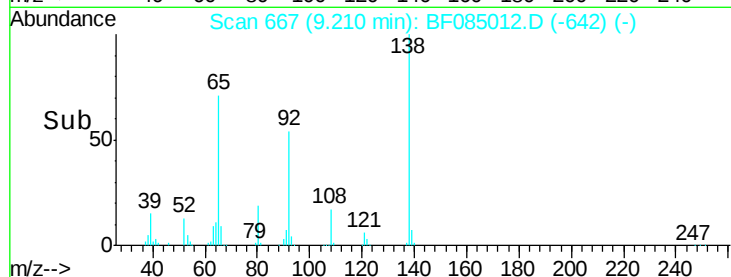
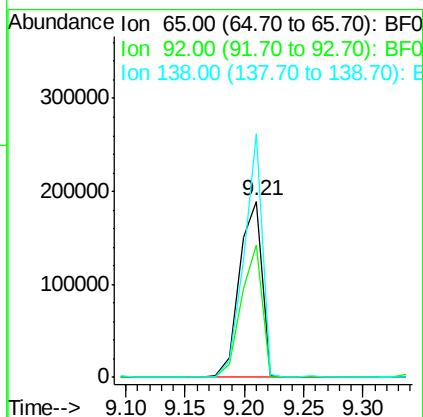
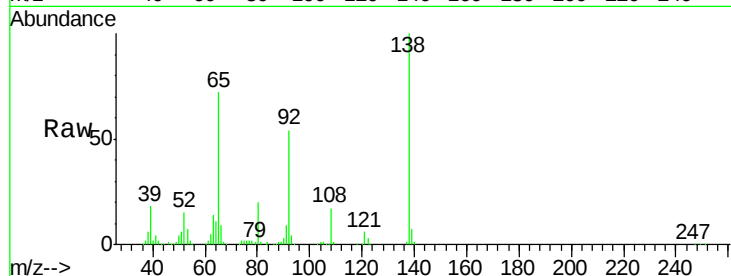




#47
2-Nitroaniline
Concen: 43.34 ng
RT: 9.21 min Scan# 667
Delta R.T. -0.01 min
Lab File: BF085012.D
Acq: 11 Feb 2016 12:05

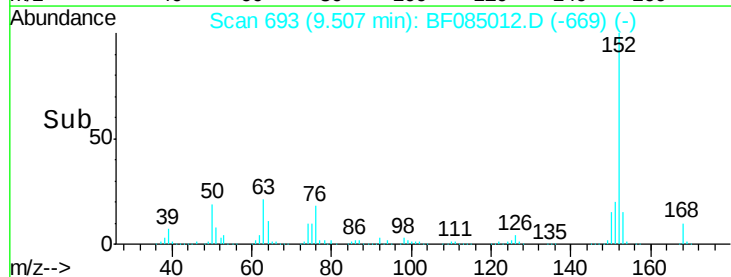
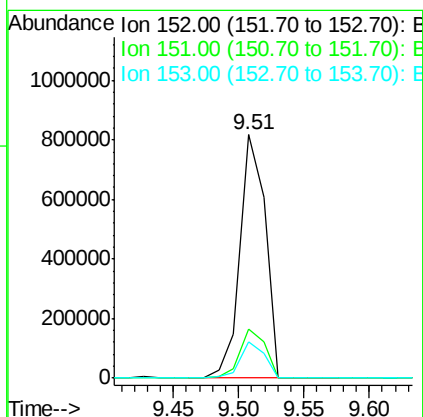
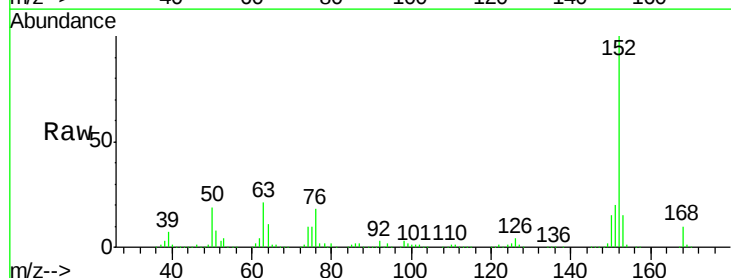
Instrument :
BNA_F
ClientSampleId :
PB88297BS

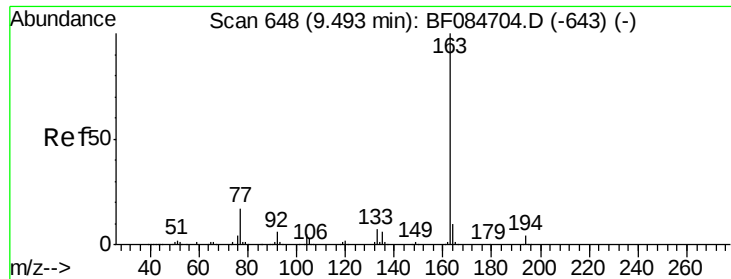
Tgt Ion: 65 Resp: 251947
Ion Ratio Lower Upper
65 100
92 75.4 53.4 80.2
138 138.4 71.1 106.7#



#48
Acenaphthylene
Concen: 39.49 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.02 min
Lab File: BF085012.D
Acq: 11 Feb 2016 12:05

Tgt Ion: 152 Resp: 1100159
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 14.7 10.4 15.6





#49

Dimethylphthalate

Concen: 40.97 ng

RT: 9.39 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

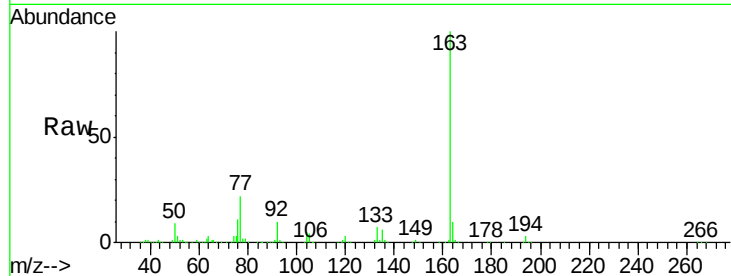
Instrument :

BNA_F

ClientSampleId :

PB88297BS

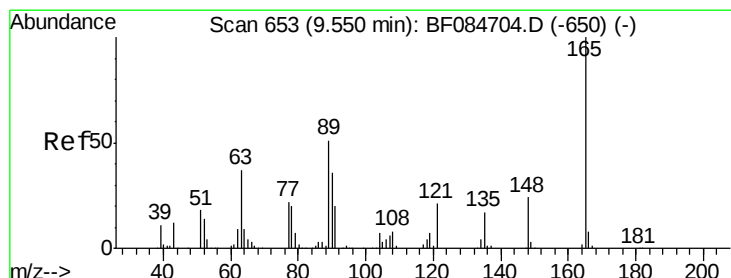
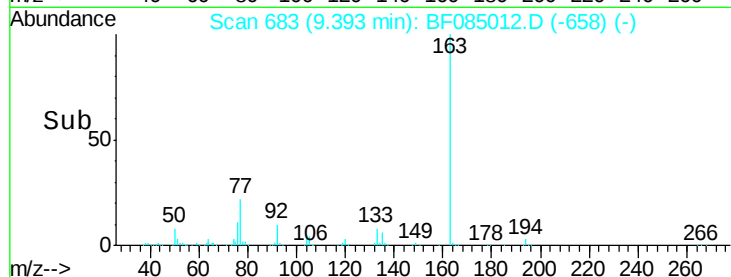
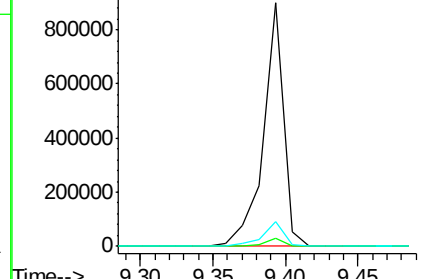
Tgt Ion:	163	Resp:	871010
Ion	Ratio	Lower	Upper
163	100		
194	3.1	8.0	12.0#
164	10.4	8.0	12.0



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: 37.70 ng

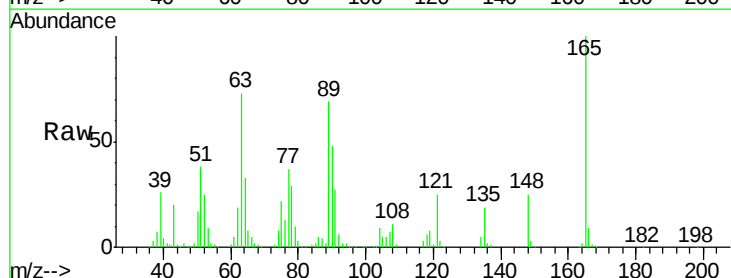
RT: 9.45 min Scan# 688

Delta R.T. -0.02 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

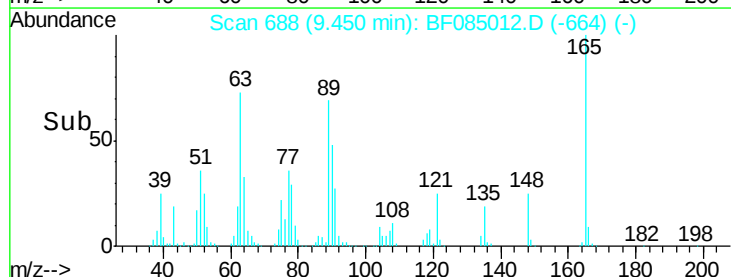
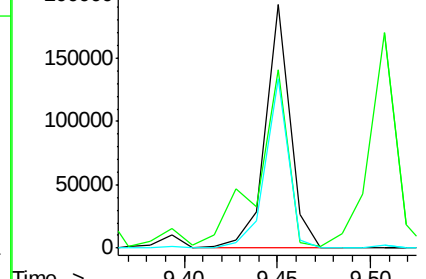
Tgt Ion:	165	Resp:	175093
Ion	Ratio	Lower	Upper
165	100		
63	73.1	28.8	43.2#
89	69.4	35.1	52.7#

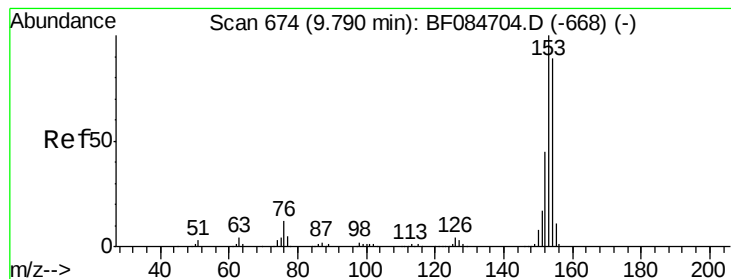


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.25 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.02 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

Instrument :

BNA_F

ClientSampleId :

PB88297BS

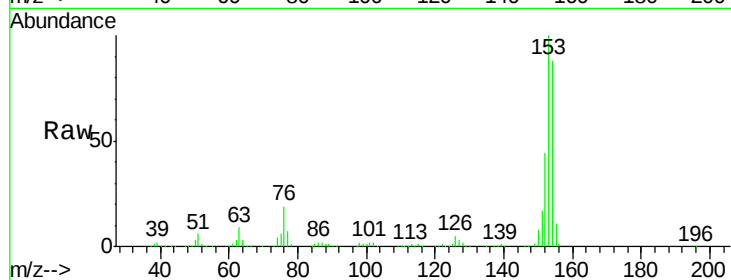
Tgt Ion:154 Resp: 675161

Ion Ratio Lower Upper

154 100

153 114.3 91.5 137.3

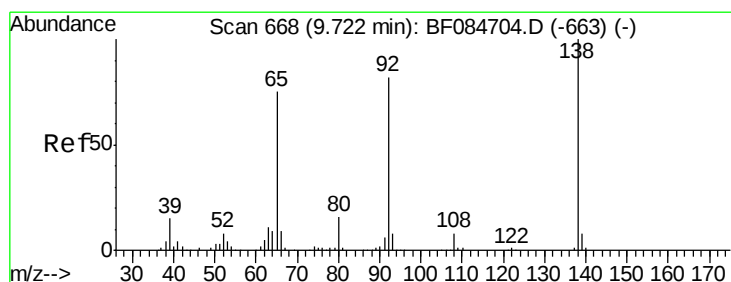
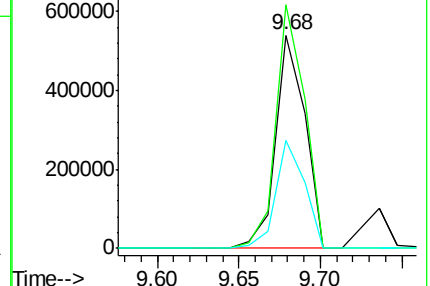
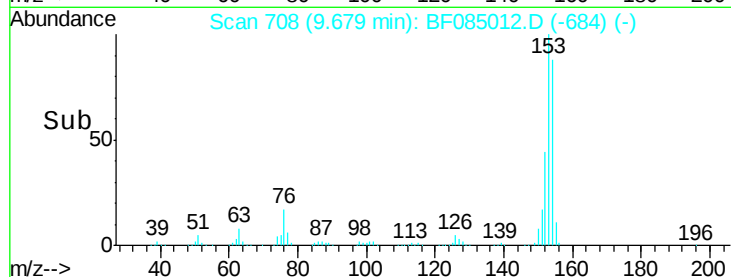
152 50.5 43.0 64.6



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: 23.07 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

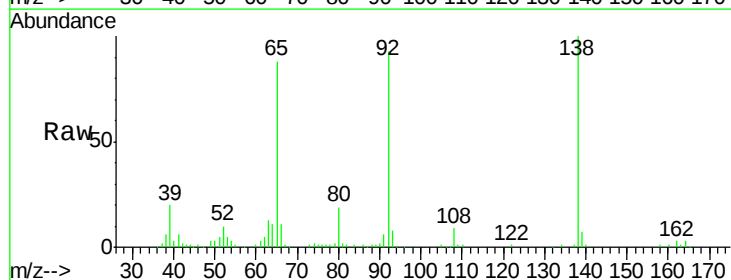
Tgt Ion:138 Resp: 120395

Ion Ratio Lower Upper

138 100

108 9.2 10.5 15.7#

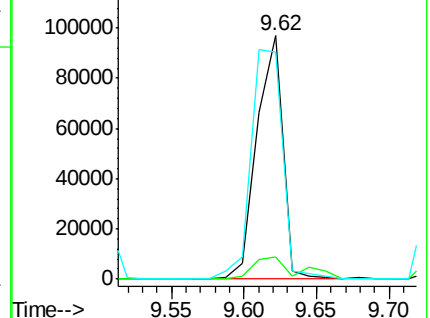
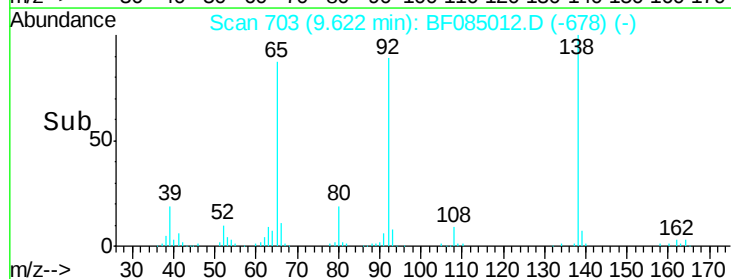
92 93.4 103.9 155.9#

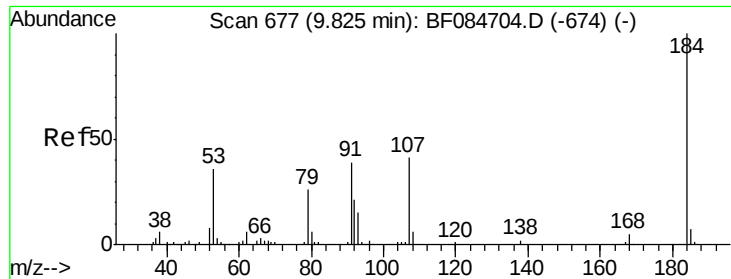


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

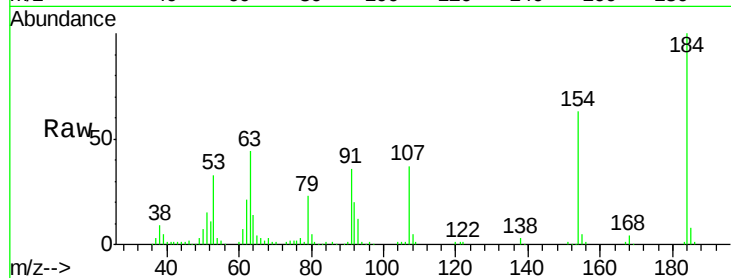




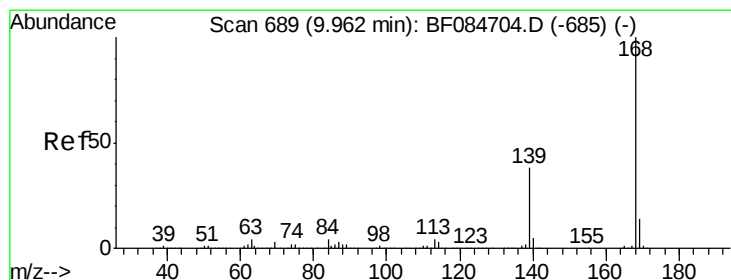
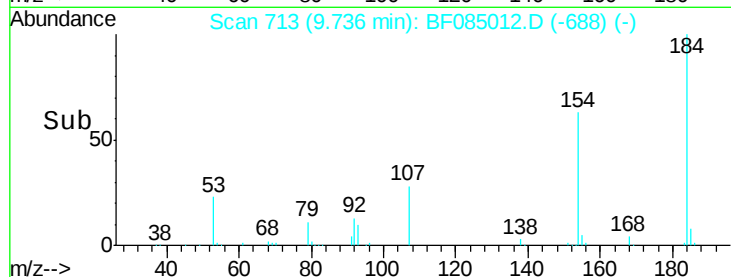
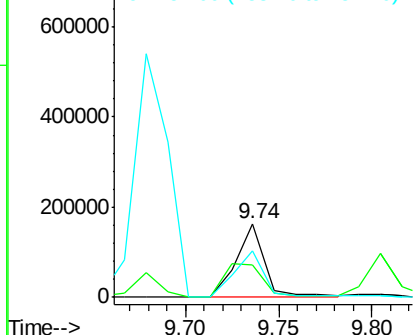
#53
2,4-Dinitrophenol
Concen: 81.51 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF085012.D
Acq: 11 Feb 2016 12:05

Instrument :
BNA_F
ClientSampleId :
PB88297BS

Tgt Ion:184 Resp: 174963
Ion Ratio Lower Upper
184 100
63 44.2 43.1 64.7
154 62.8 60.5 90.7

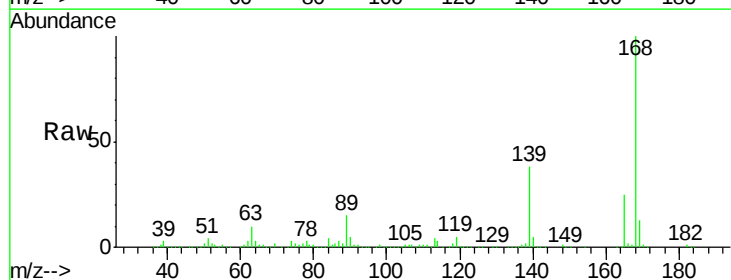


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

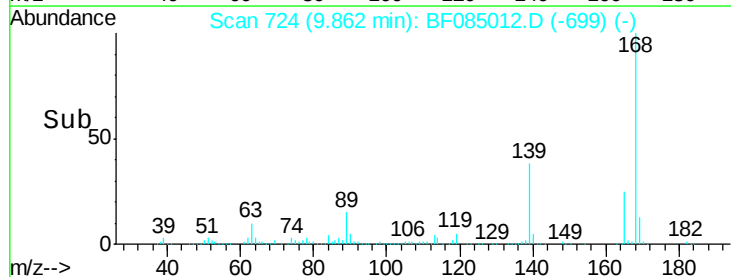
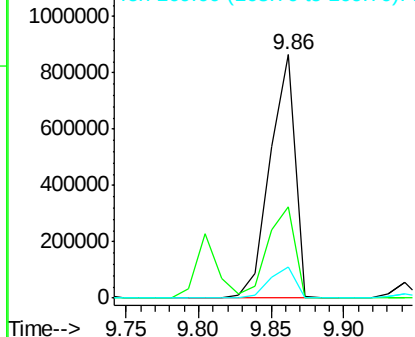


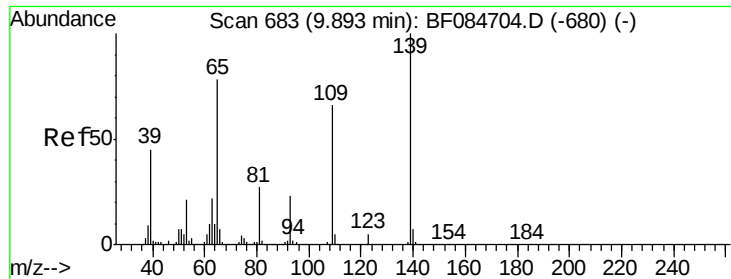
#54
Dibenzofuran
Concen: 46.69 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF085012.D
Acq: 11 Feb 2016 12:05

Tgt Ion:168 Resp: 1034369
Ion Ratio Lower Upper
168 100
139 37.5 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

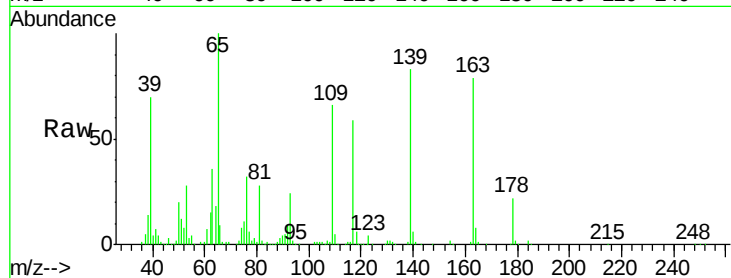




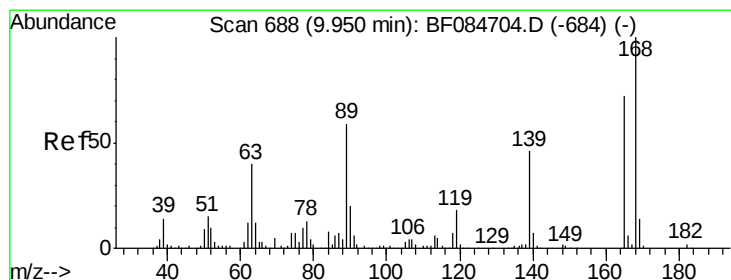
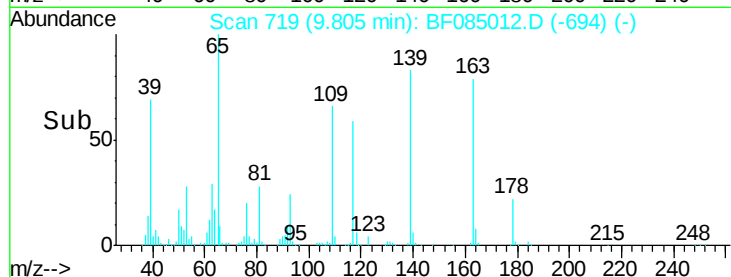
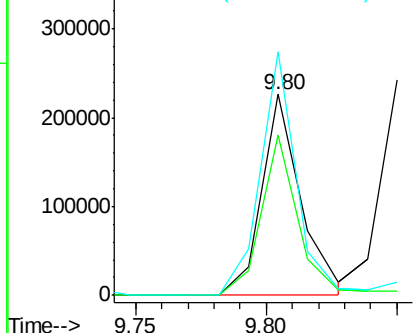
#55
4-Nitrophenol
Concen: 61.75 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF085012.D
Acq: 11 Feb 2016 12:05

Instrument :
BNA_F
ClientSampleId :
PB88297BS

Tgt Ion:139 Resp: 236833
Ion Ratio Lower Upper
139 100
109 79.8 58.5 98.5
65 120.9 57.6 97.6#

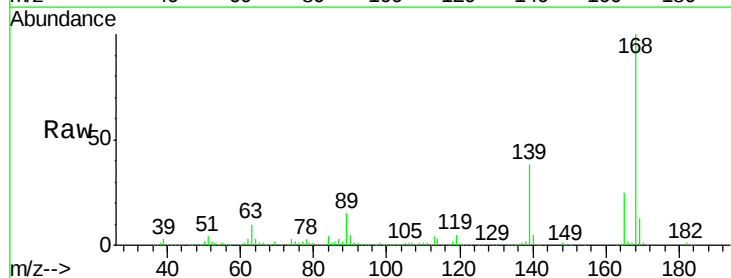


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

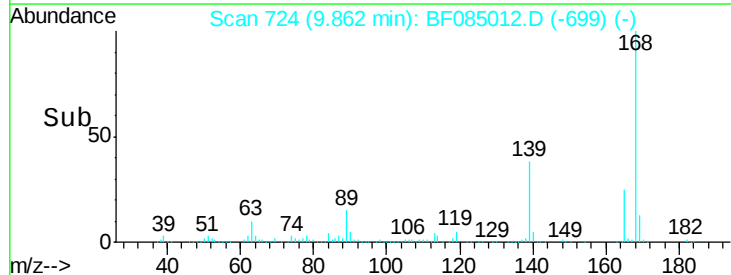
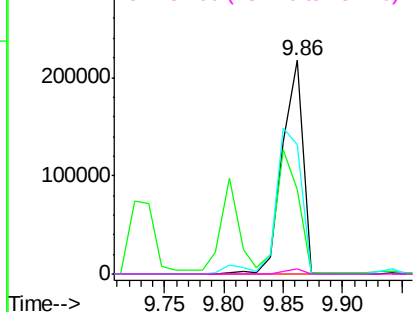


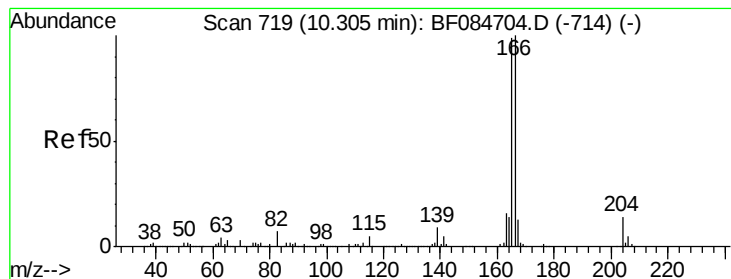
#56
2,4-Dinitrotoluene
Concen: 43.42 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF085012.D
Acq: 11 Feb 2016 12:05

Tgt Ion:165 Resp: 257191
Ion Ratio Lower Upper
165 100
63 39.6 36.7 55.1
89 60.6 61.9 92.9#
182 2.3 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: 40.90 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

Instrument :

BNA_F

ClientSampleId :

PB88297BS

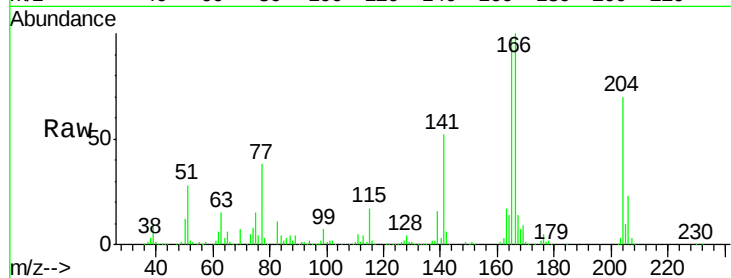
Tgt Ion:166 Resp: 756601

Ion Ratio Lower Upper

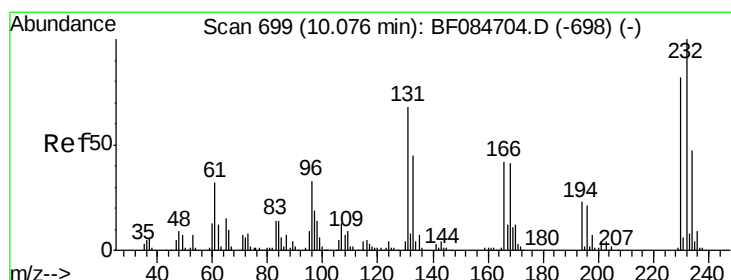
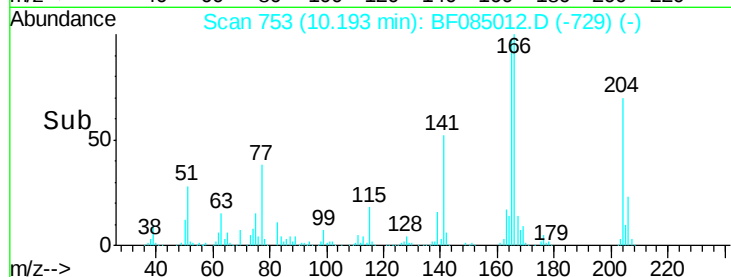
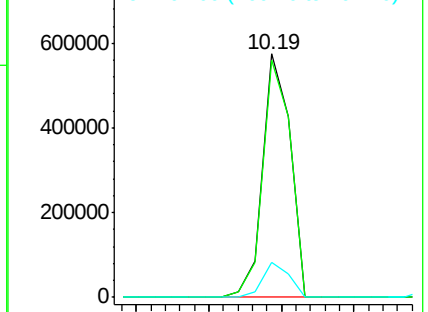
166 100

165 97.3 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: 47.20 ng

RT: 9.99 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

Tgt Ion:232 Resp: 208468

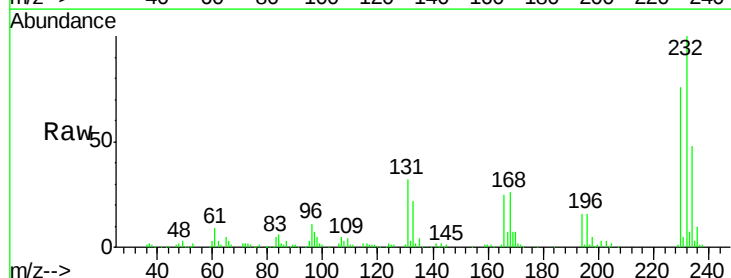
Ion Ratio Lower Upper

232 100

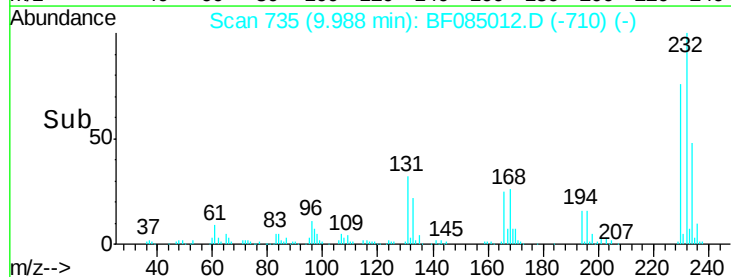
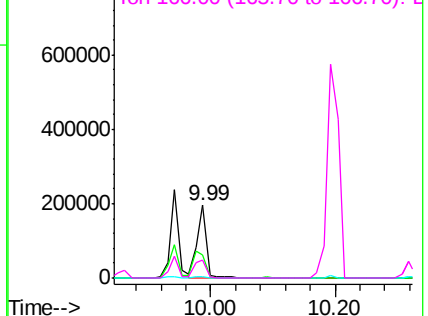
131 48.8 47.0 70.6

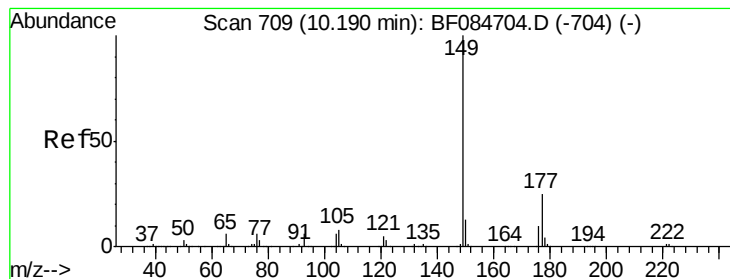
130 2.0 2.0 3.0

166 30.4 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: 39.98 ng

RT: 10.09 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

Instrument :

BNA_F

ClientSampleId :

PB88297BS

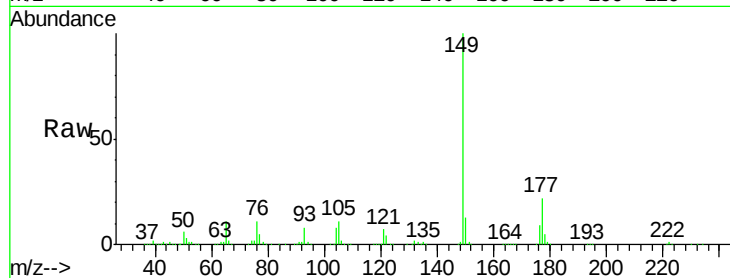
Tgt Ion:149 Resp: 829891

Ion Ratio Lower Upper

149 100

177 21.7 17.3 25.9

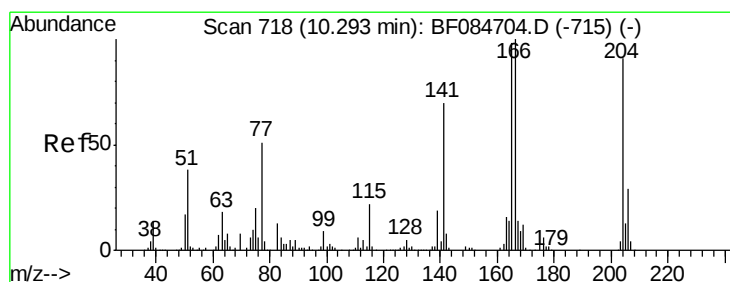
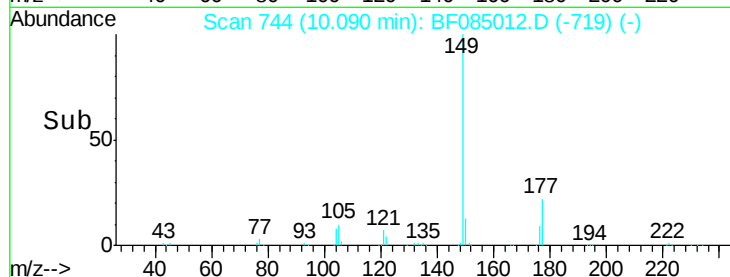
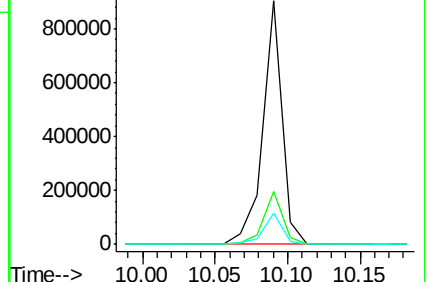
150 12.9 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 45.31 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

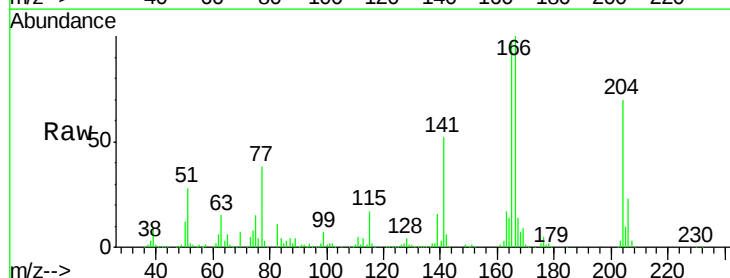
Tgt Ion:204 Resp: 351717

Ion Ratio Lower Upper

204 100

206 32.9 25.7 38.5

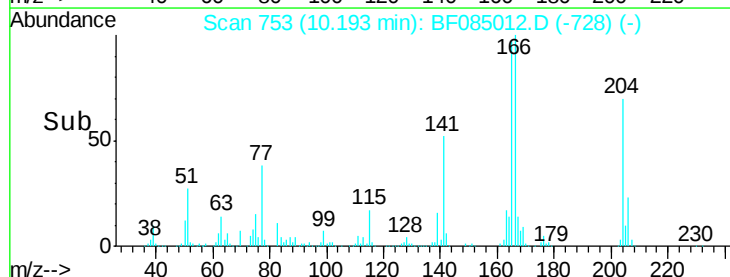
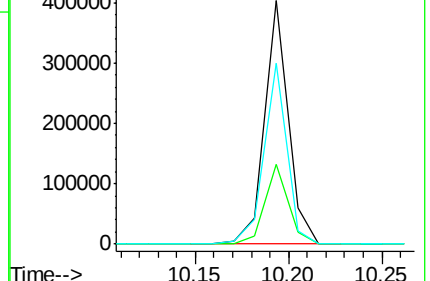
141 74.2 55.1 82.7

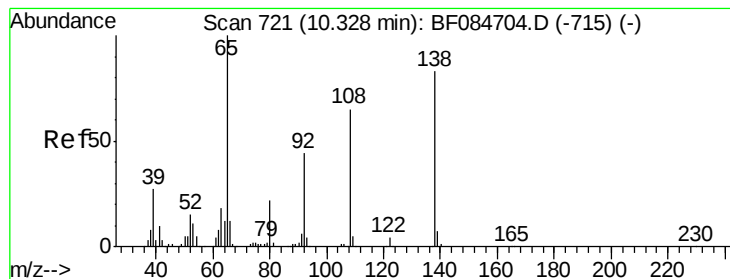


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 44.79 ng

RT: 10.24 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

Instrument :

BNA_F

ClientSampleId :

PB88297BS

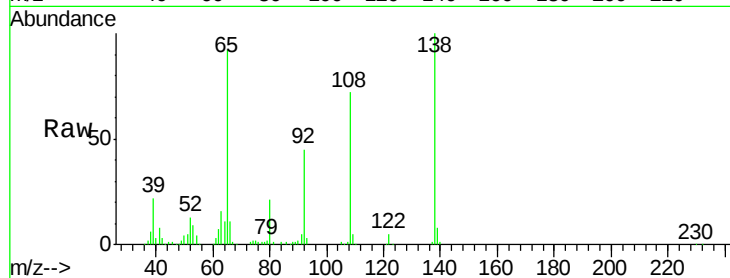
Tgt Ion:138 Resp: 227734

Ion Ratio Lower Upper

138 100

92 44.6 32.6 72.6

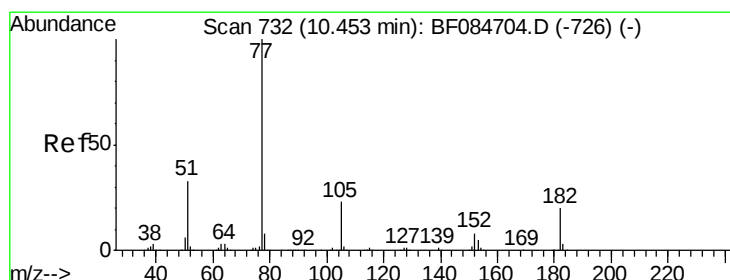
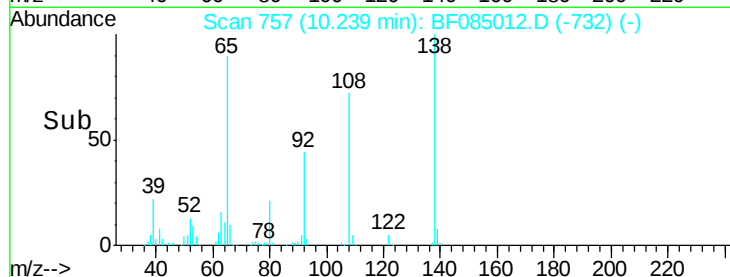
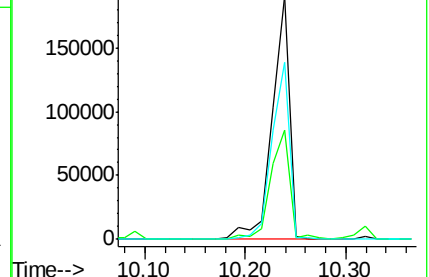
108 72.5 68.6 108.6



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: 44.97 ng

RT: 10.35 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

Tgt Ion: 77 Resp: 897548

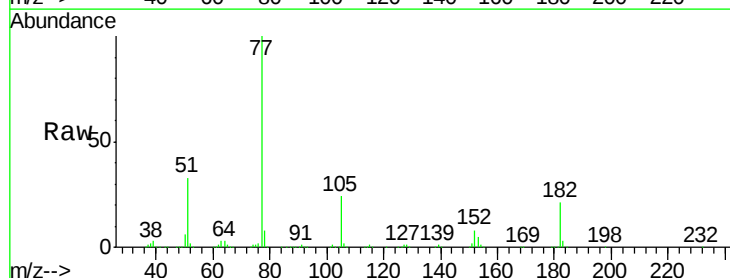
Ion Ratio Lower Upper

77 100

182 21.1 8.3 48.3

105 24.0 4.6 44.6

51 32.7 6.2 46.2

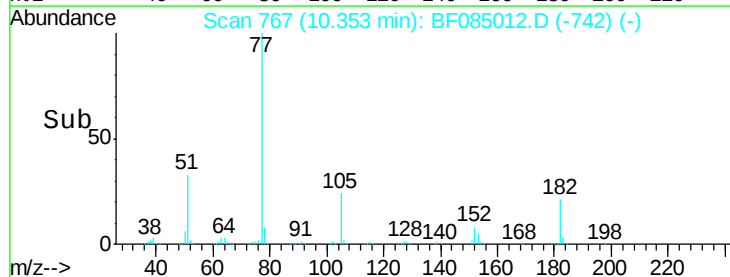
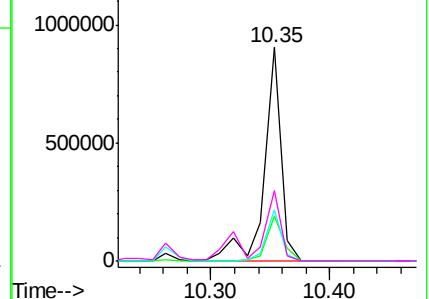


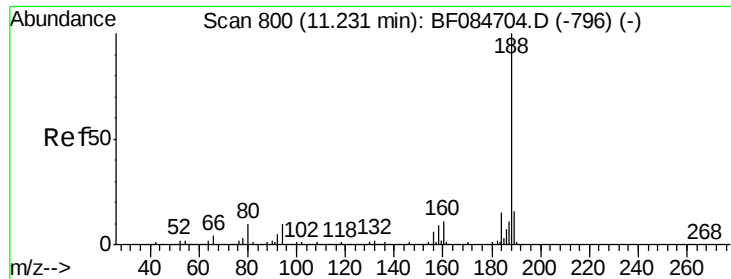
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

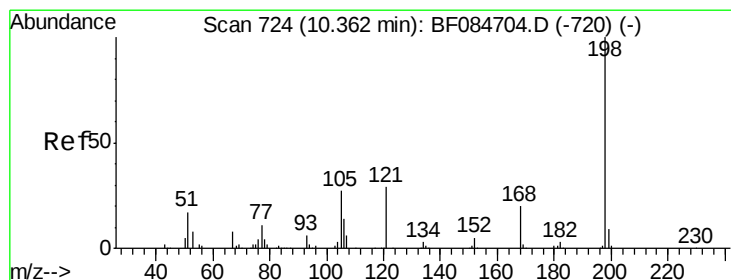
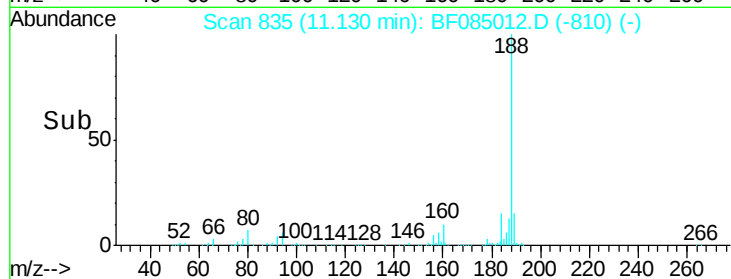
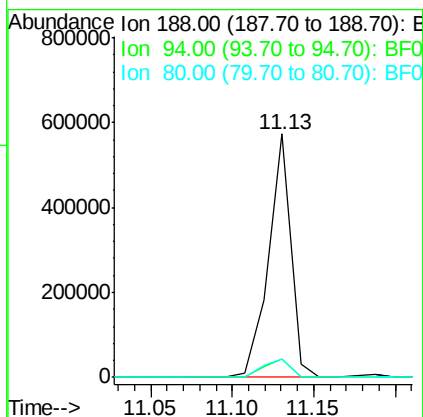
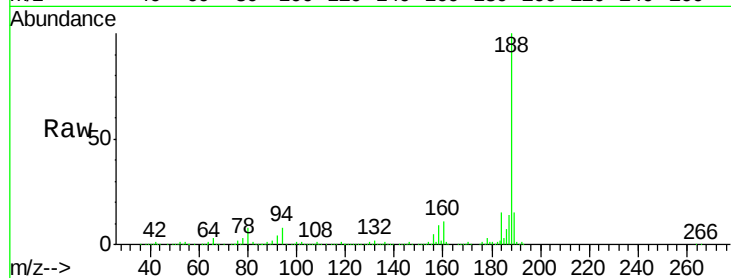




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF085012.D
Acq: 11 Feb 2016 12:05

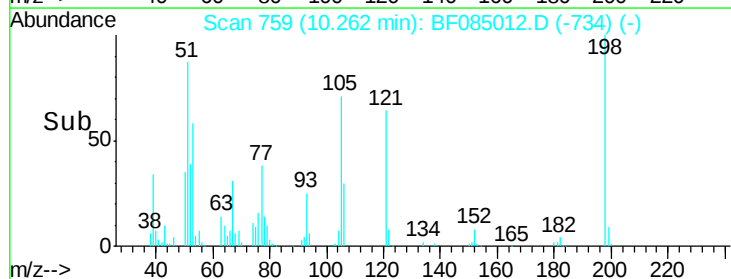
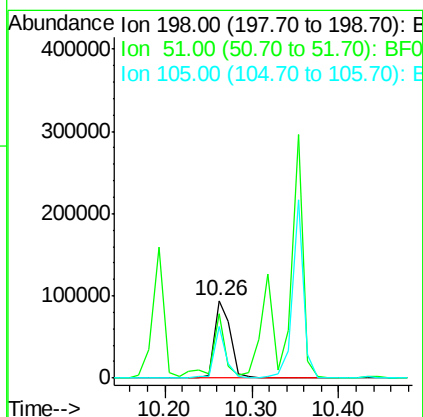
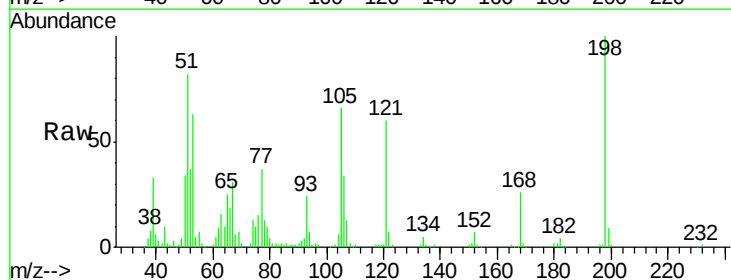
Instrument :
BNA_F
ClientSampleId :
PB88297BS

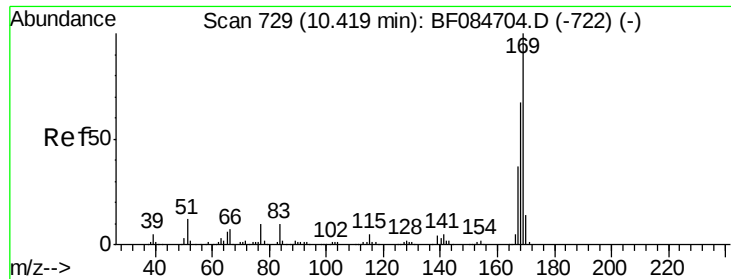
Tgt Ion:188 Resp: 547965
Ion Ratio Lower Upper
188 100
94 7.7 9.0 13.4#
80 7.7 9.6 14.4#



#64
4,6-Dinitro-2-methylphenol
Concen: 36.28 ng
RT: 10.26 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF085012.D
Acq: 11 Feb 2016 12:05

Tgt Ion:198 Resp: 122705
Ion Ratio Lower Upper
198 100
51 82.5 18.9 58.9#
105 66.2 26.4 66.4





#65

n-Nitrosodiphenylamine

Concen: 41.23 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

Instrument :

BNA_F

ClientSampleId :

PB88297BS

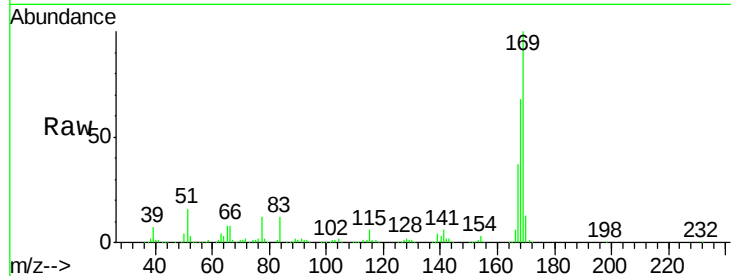
Tgt Ion:169 Resp: 717470

Ion Ratio Lower Upper

169 100

168 67.6 55.1 82.7

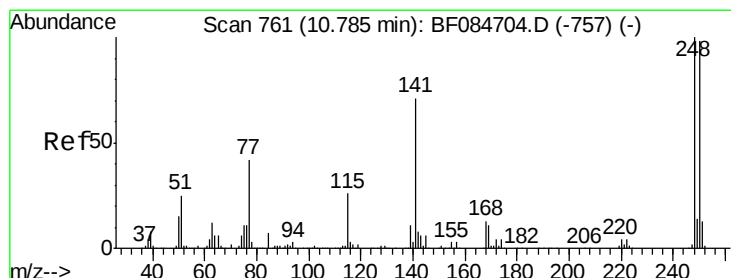
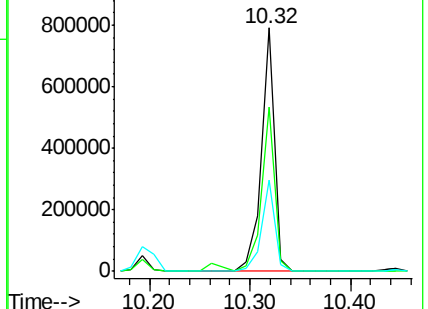
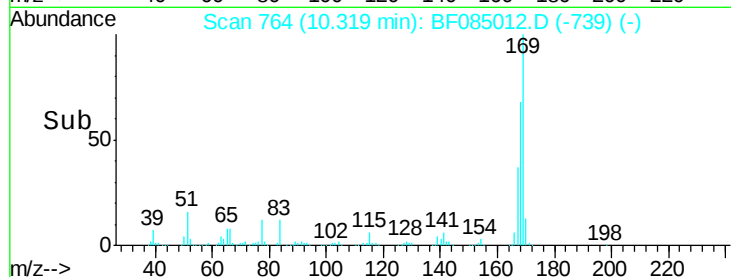
167 37.3 30.0 45.0



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: 42.82 ng

RT: 10.68 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

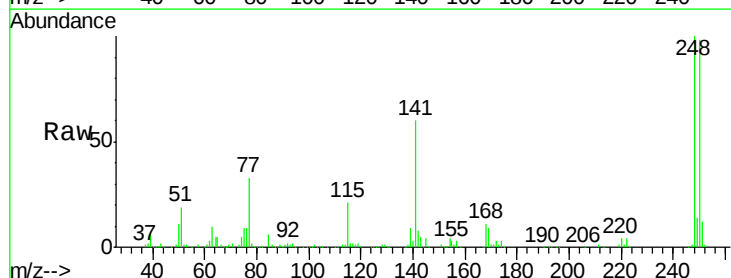
Tgt Ion:248 Resp: 259188

Ion Ratio Lower Upper

248 100

250 98.0 78.4 117.6

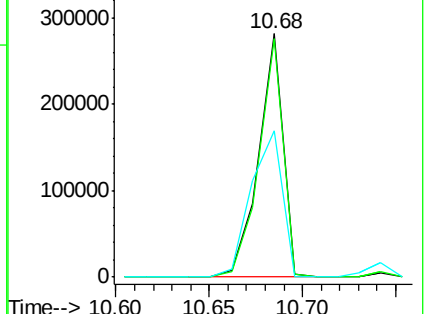
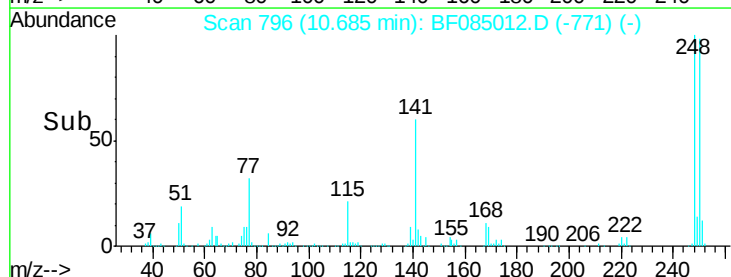
141 60.2 44.0 66.0



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

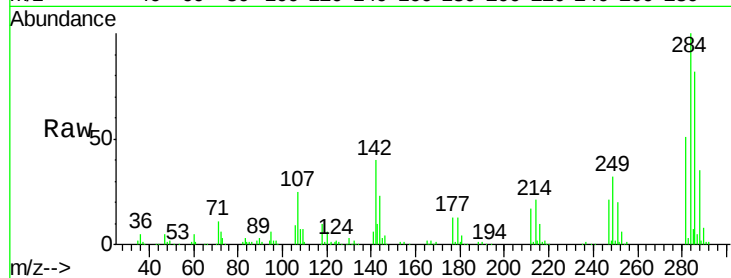




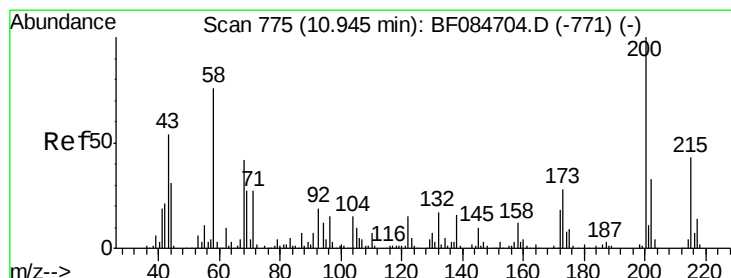
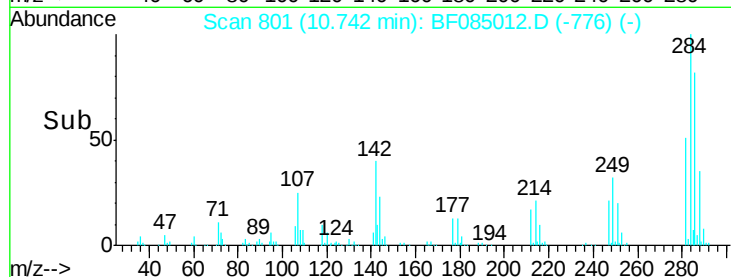
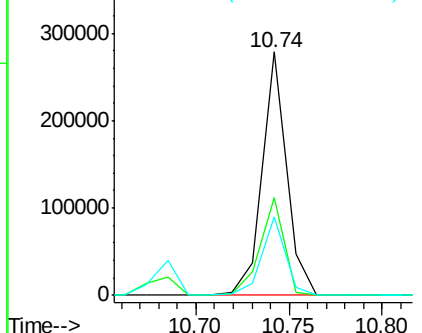
#67
Hexachlorobenzene
Concen: 38.26 ng
RT: 10.74 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF085012.D
Acq: 11 Feb 2016 12:05

Instrument :
BNA_F
ClientSampleId :
PB88297BS

Tgt Ion: 284 Resp: 252324
Ion Ratio Lower Upper
284 100
142 40.3 22.2 33.4#
249 32.2 24.6 37.0

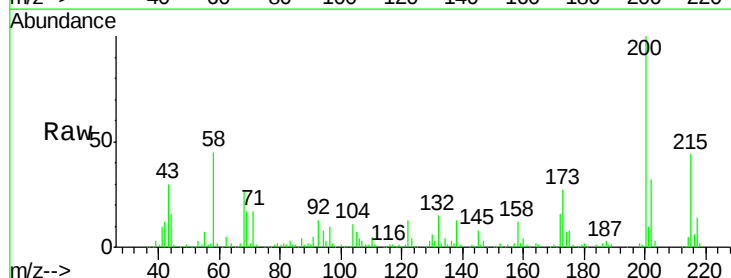


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

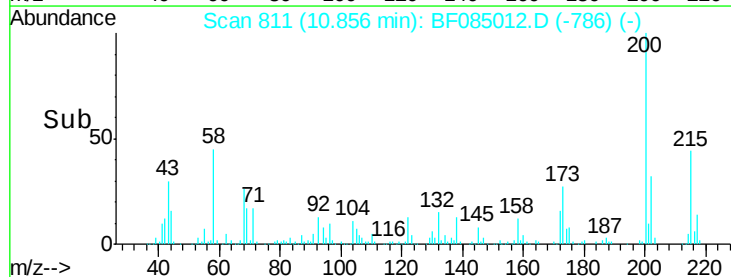
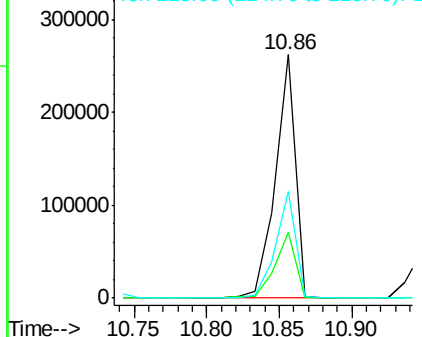


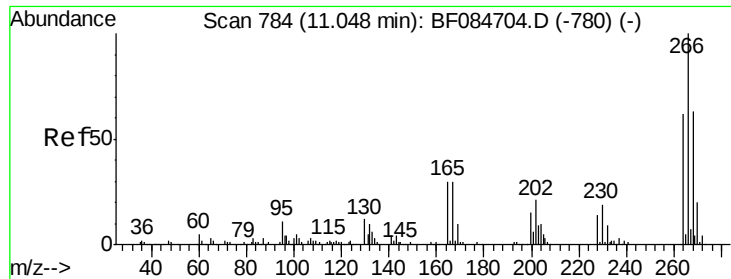
#68
Atrazine
Concen: 45.66 ng
RT: 10.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF085012.D
Acq: 11 Feb 2016 12:05

Tgt Ion: 200 Resp: 250883
Ion Ratio Lower Upper
200 100
173 26.8 9.5 49.5
215 43.9 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

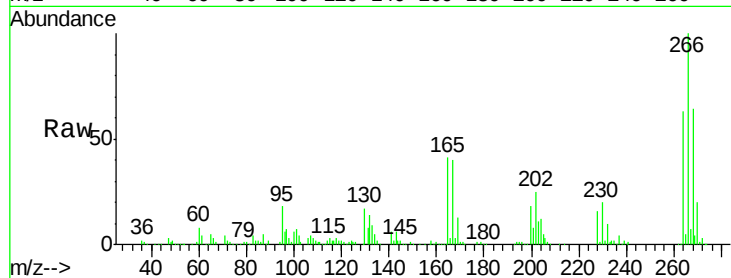




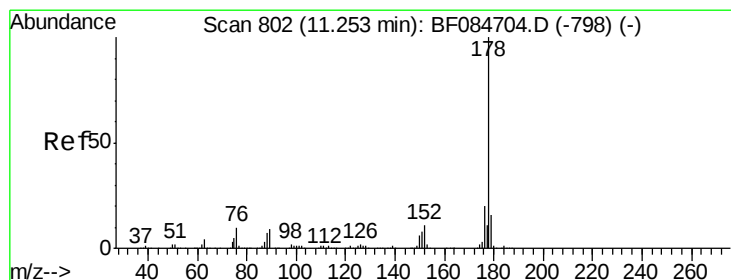
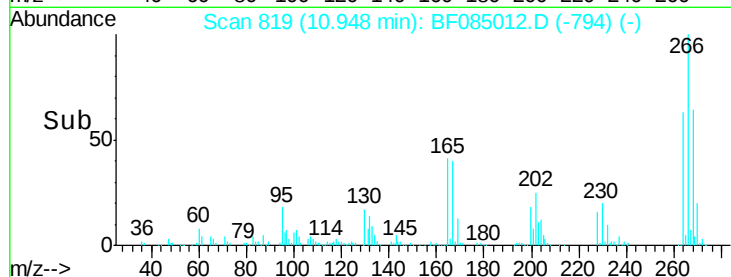
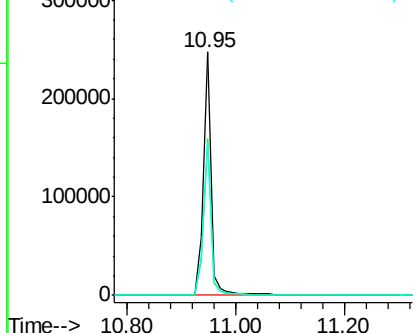
#69
 Pentachlorophenol
 Concen: 78.68 ng
 RT: 10.95 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF085012.D
 Acq: 11 Feb 2016 12:05

Instrument :
 BNA_F
 ClientSampleId :
 PB88297BS

Tgt Ion:266 Resp: 243838
 Ion Ratio Lower Upper
 266 100
 268 64.2 52.4 78.6
 264 62.7 50.2 75.2

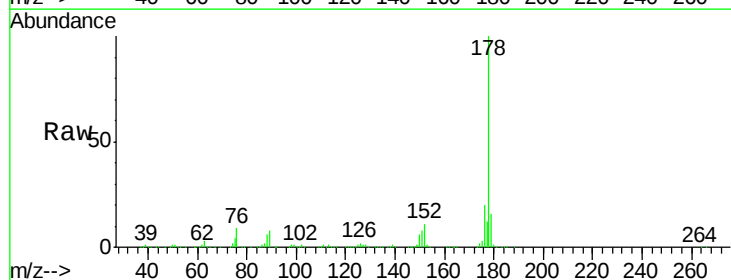


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

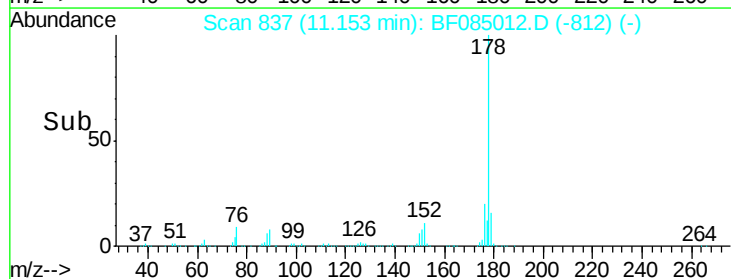
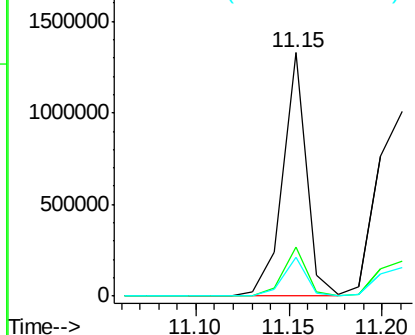


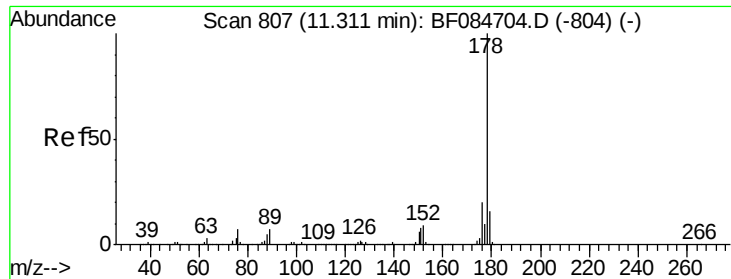
#70
 Phenanthrene
 Concen: 38.65 ng
 RT: 11.15 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF085012.D
 Acq: 11 Feb 2016 12:05

Tgt Ion:178 Resp: 1174517
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.3 22.9
 179 15.8 12.0 18.0



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

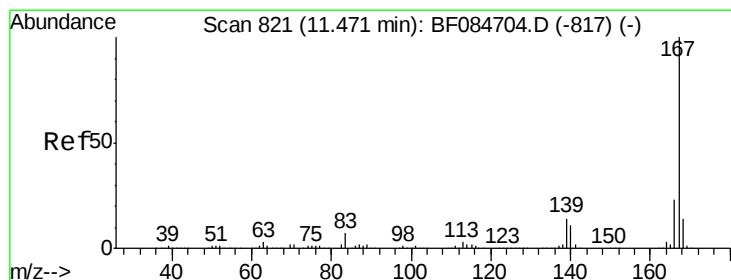
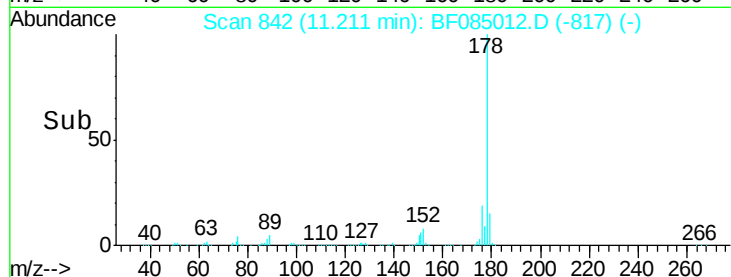
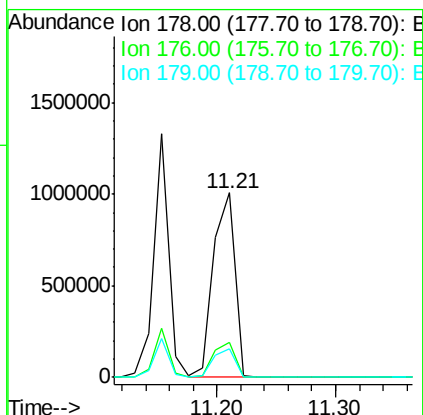
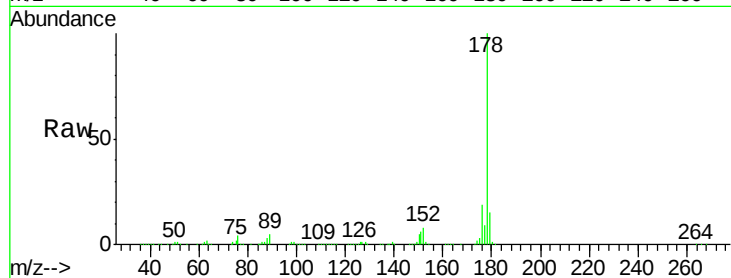




#71
 Anthracene
 Concen: 41.10 ng
 RT: 11.21 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF085012.D
 Acq: 11 Feb 2016 12:05

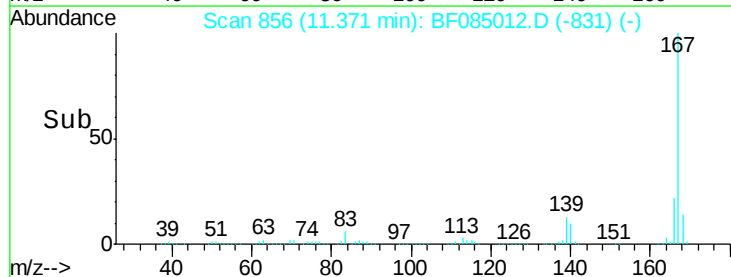
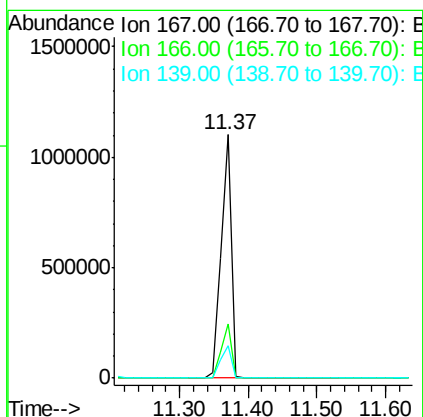
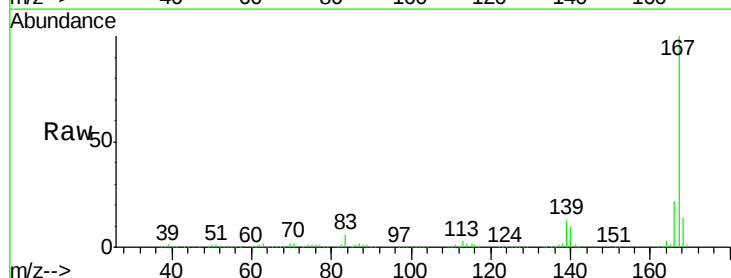
Instrument :
 BNA_F
 ClientSampleId :
 PB88297BS

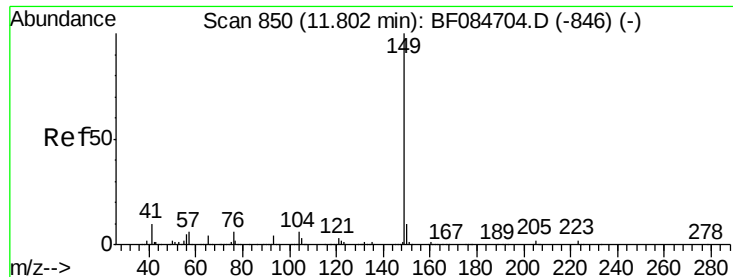
Tgt Ion:178 Resp: 1258817
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.0
 179 15.2 12.5 18.7



#72
 Carbazole
 Concen: 43.30 ng
 RT: 11.37 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: BF085012.D
 Acq: 11 Feb 2016 12:05

Tgt Ion:167 Resp: 1156358
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 13.1 11.8 17.8





#73

Di-n-butylphthalate

Concen: 38.00 ng

RT: 11.70 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

Instrument :

BNA_F

ClientSampleId :

PB88297BS

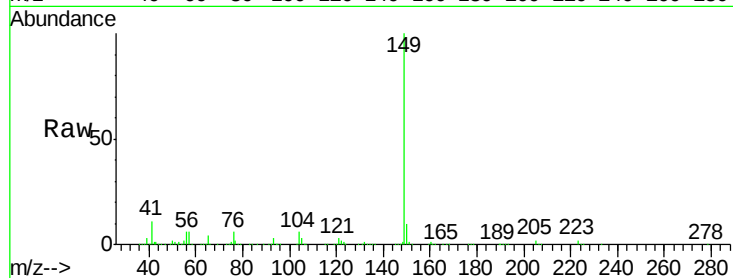
Tgt Ion:149 Resp: 1291842

Ion Ratio Lower Upper

149 100

150 9.8 7.1 10.7

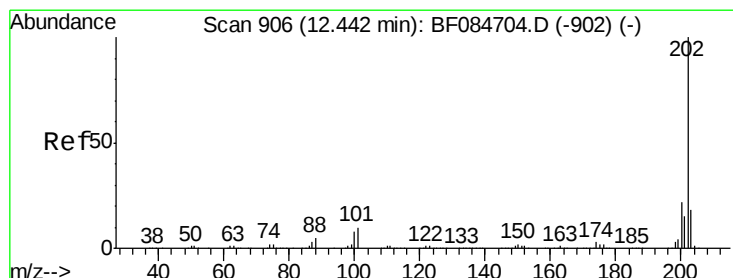
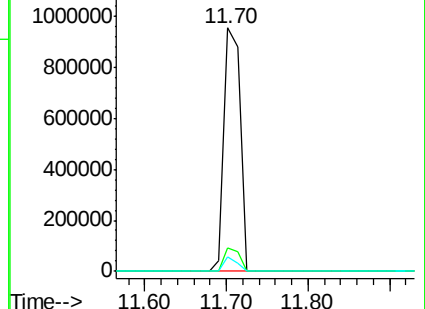
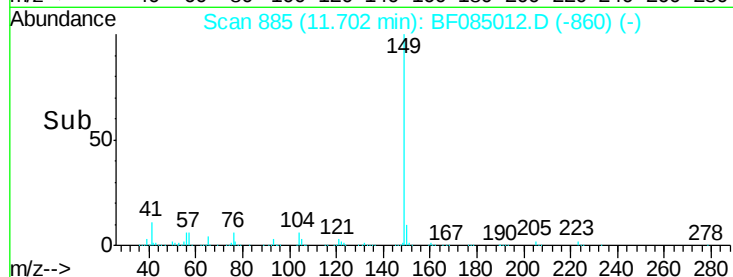
104 5.8 3.2 4.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.12 ng

RT: 12.33 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

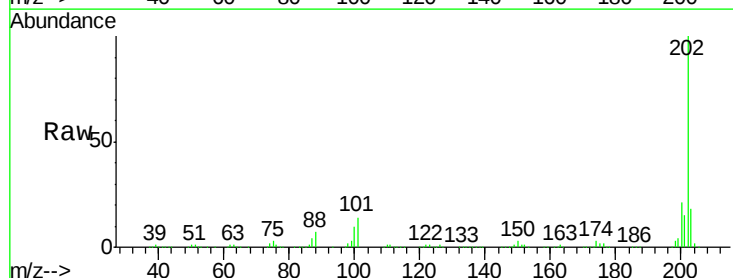
Tgt Ion:202 Resp: 1172459

Ion Ratio Lower Upper

202 100

101 13.6 0.0 32.8

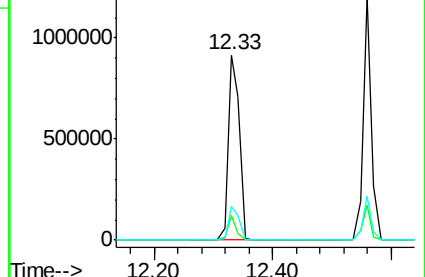
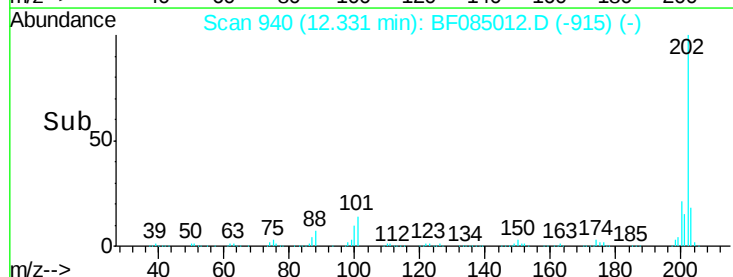
203 18.1 0.0 37.9

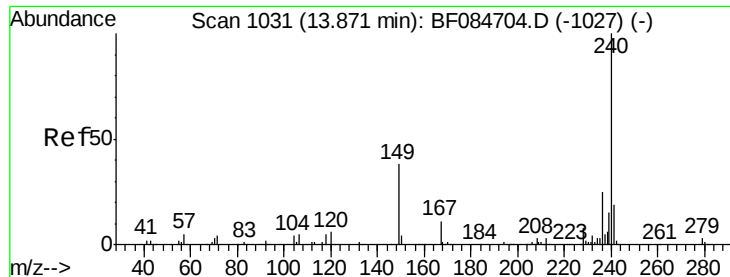


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

Instrument :

BNA_F

ClientSampleId :

PB88297BS

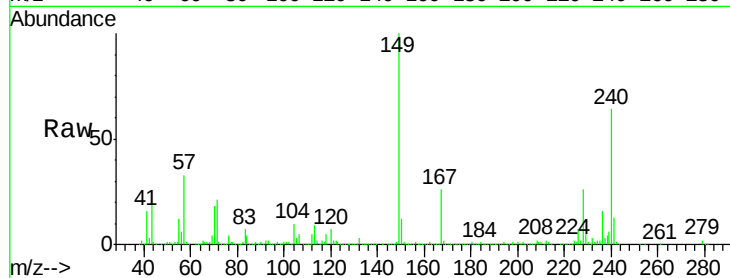
Tgt Ion:240 Resp: 381700

Ion Ratio Lower Upper

240 100

120 10.2 9.5 14.3

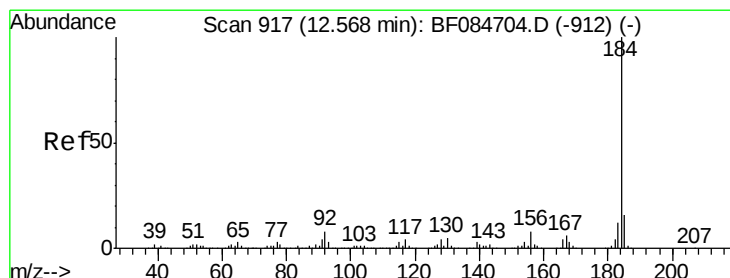
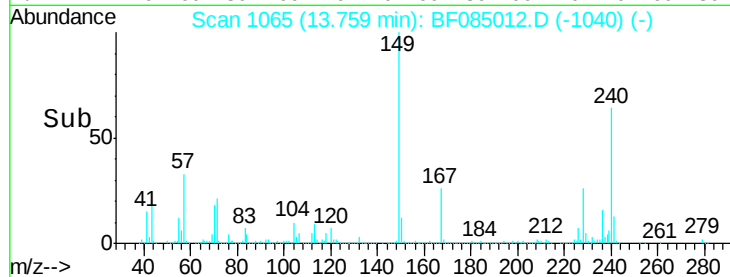
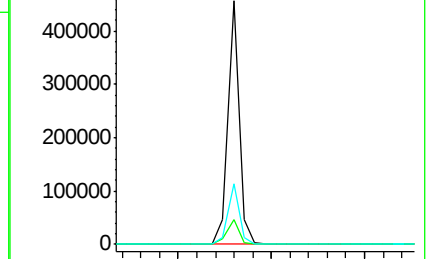
236 24.8 20.6 31.0



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: 33.48 ng

RT: 12.47 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

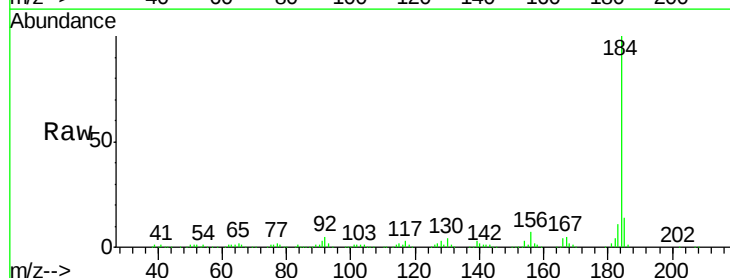
Tgt Ion:184 Resp: 453060

Ion Ratio Lower Upper

184 100

185 14.4 12.2 18.2

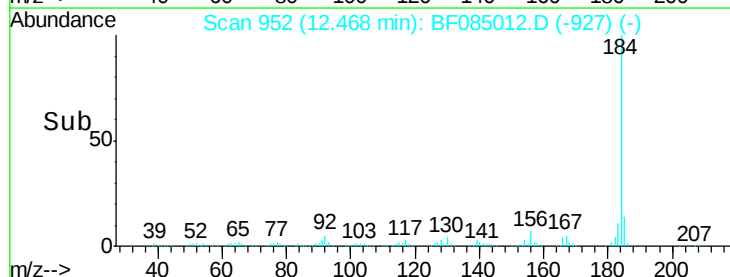
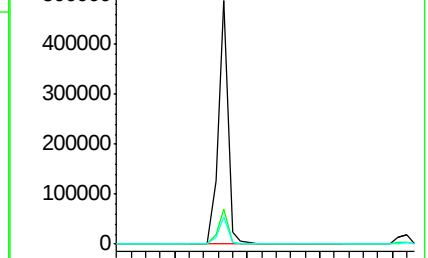
183 11.4 9.8 14.8

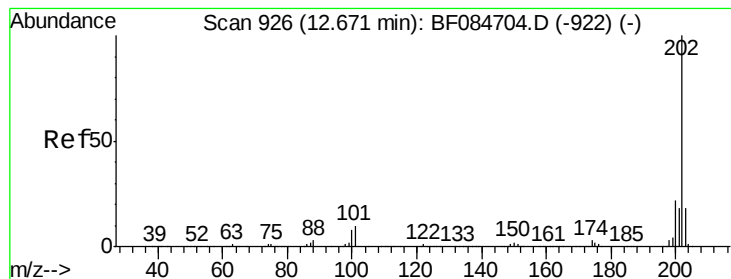


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 39.33 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

Instrument :

BNA_F

ClientSampleId :

PB88297BS

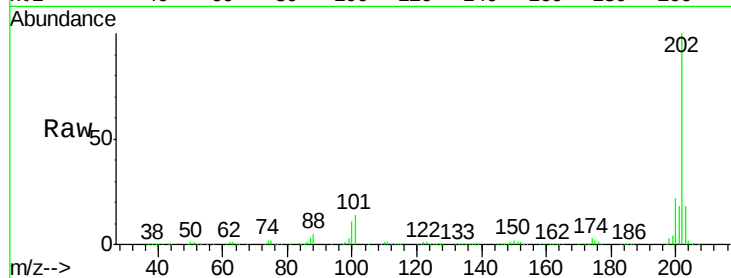
Tgt Ion:202 Resp: 1149460

Ion Ratio Lower Upper

202 100

200 21.6 17.2 25.8

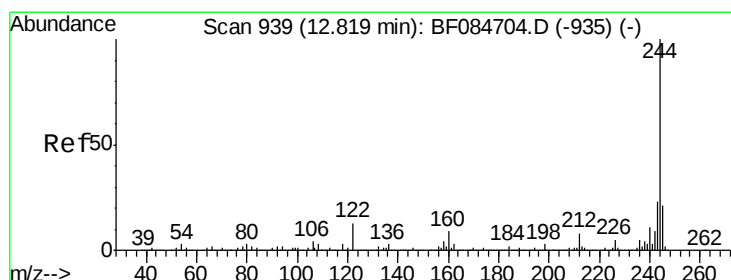
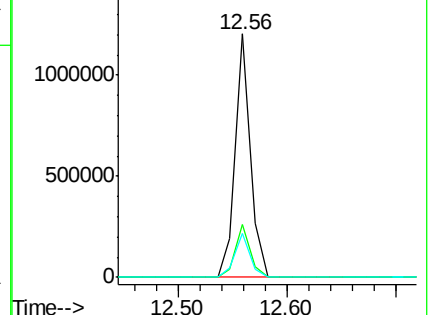
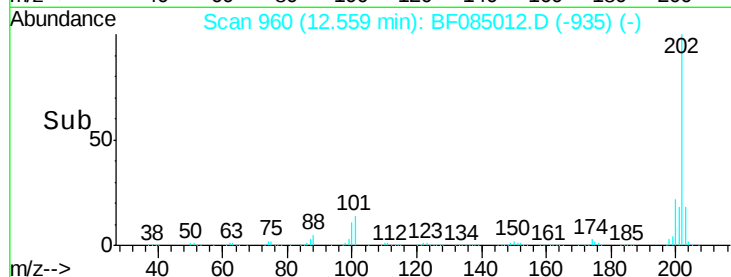
203 18.1 14.3 21.5



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: 89.83 ng

RT: 12.72 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

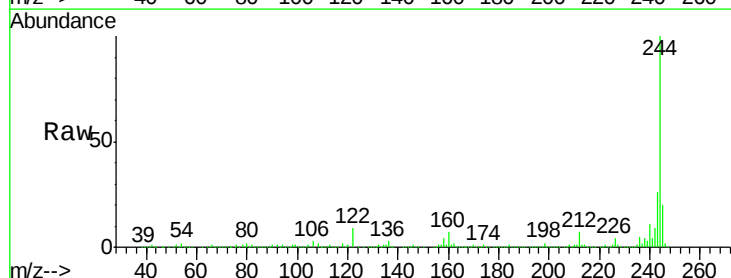
Tgt Ion:244 Resp: 1513066

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

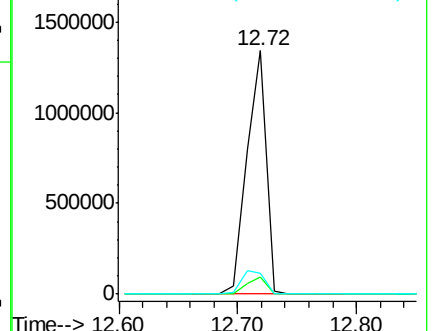
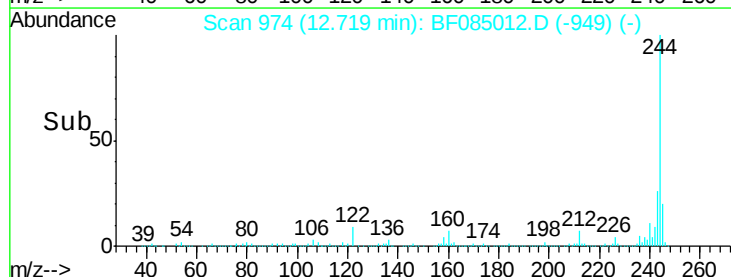
122 8.8 7.4 11.0

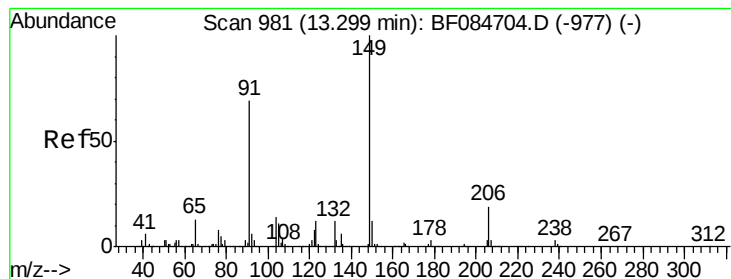


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 41.96 ng

RT: 13.20 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

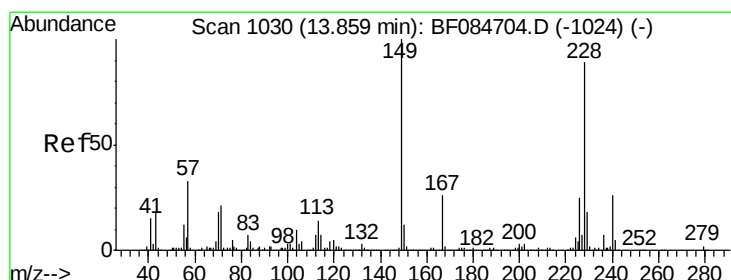
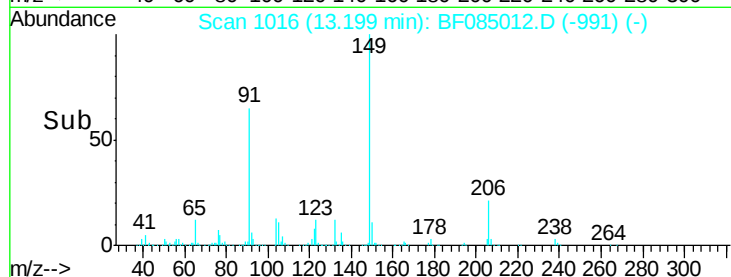
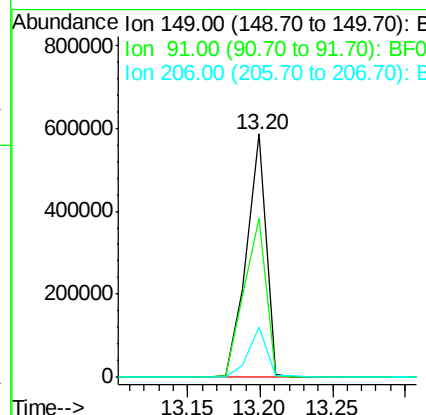
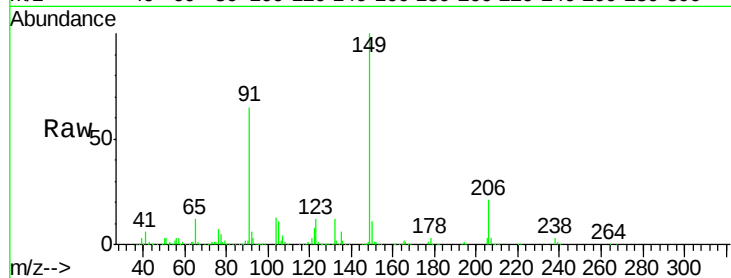
Instrument :

BNA_F

ClientSampleId :

PB88297BS

Tgt Ion:	149	Resp:	556277
Ion Ratio	Lower	Upper	
149	100		
91	65.2	57.6	86.4
206	20.5	13.2	19.8#



#80

Benzo(a)anthracene

Concen: 40.64 ng

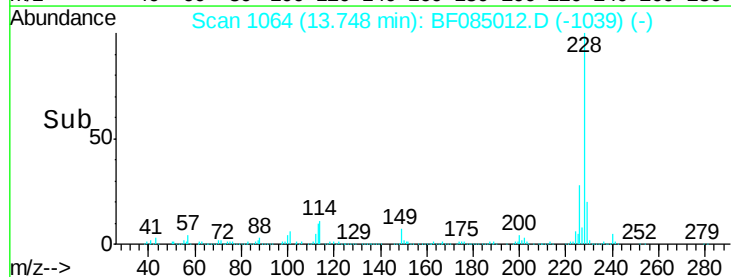
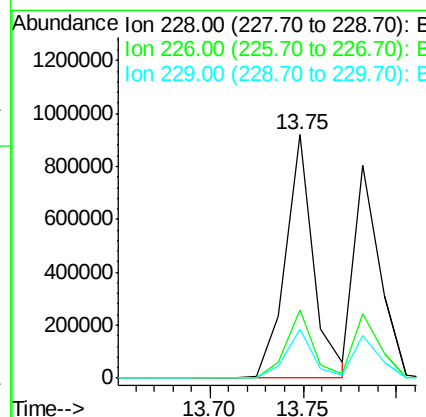
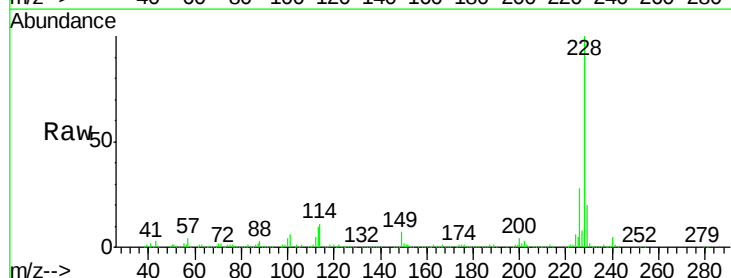
RT: 13.75 min Scan# 1064

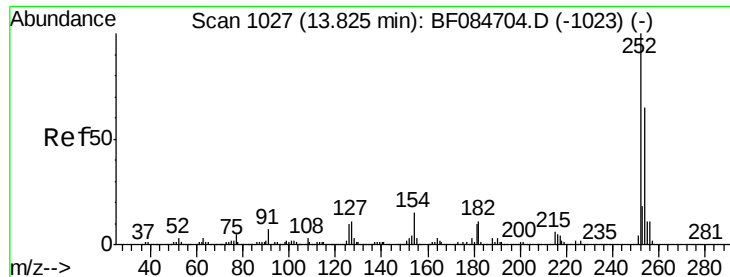
Delta R.T. -0.01 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

Tgt Ion:	228	Resp:	962752
Ion Ratio	Lower	Upper	
228	100		
226	28.0	21.8	32.6
229	20.4	15.8	23.8

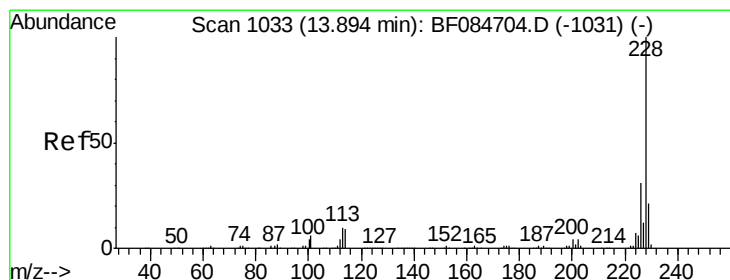
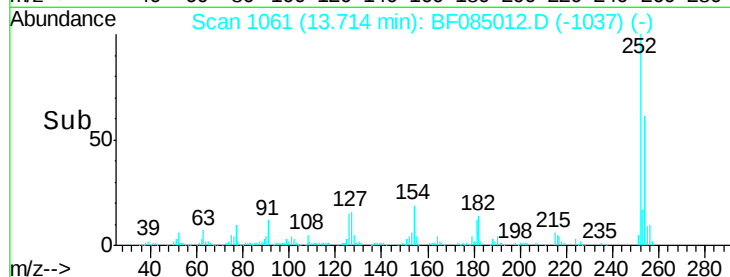
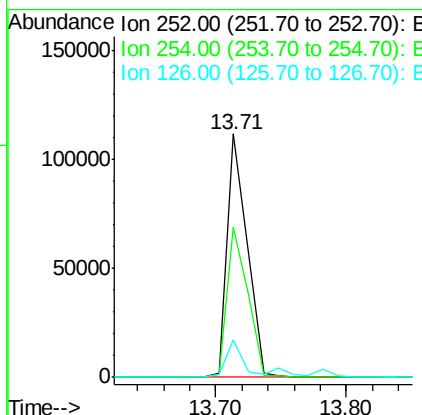
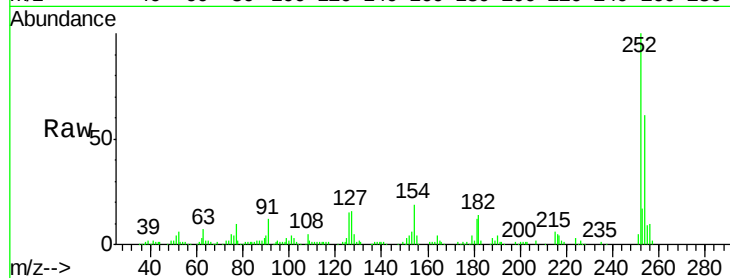




#81
 3,3'-Dichlorobenzidine
 Concen: 14.21 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BF085012.D
 Acq: 11 Feb 2016 12:05

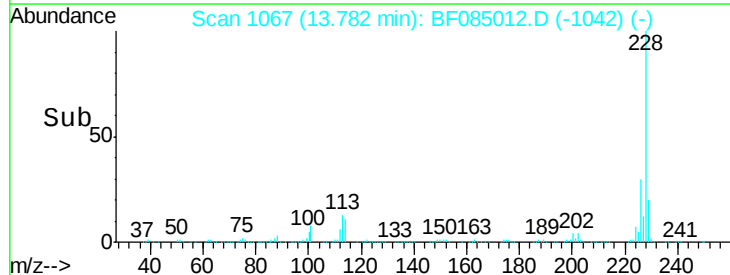
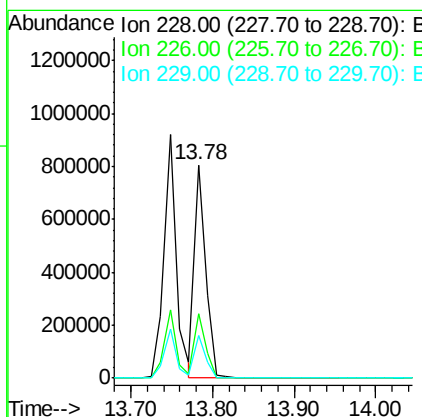
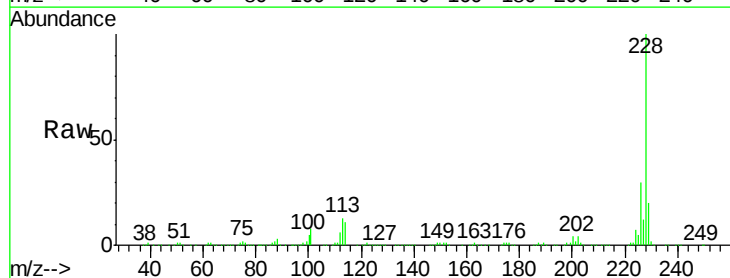
Instrument :
 BNA_F
 ClientSampleId :
 PB88297BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.5	53.5	80.3
126	15.3	4.9	7.3#



#82
 Chrysene
 Concen: 33.96 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: BF085012.D
 Acq: 11 Feb 2016 12:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.3	36.5
229	20.2	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.50 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

Instrument :

BNA_F

ClientSampleId :

PB88297BS

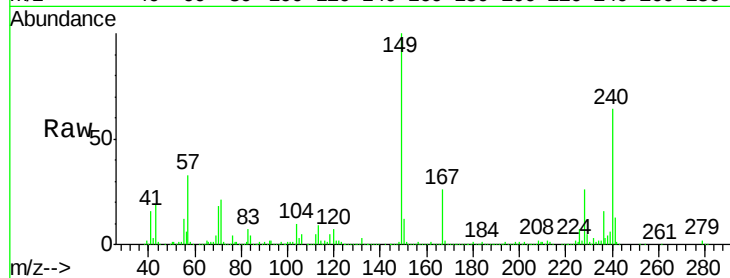
Tgt Ion:149 Resp: 635235

Ion Ratio Lower Upper

149 100

167 25.7 19.7 29.5

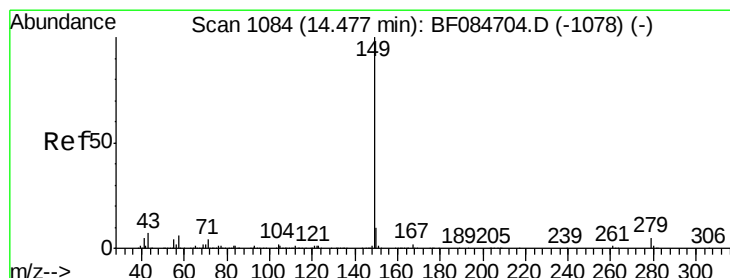
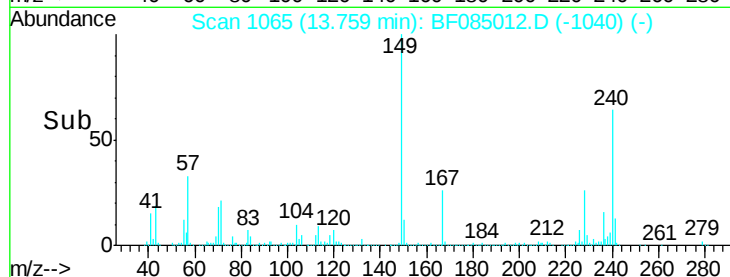
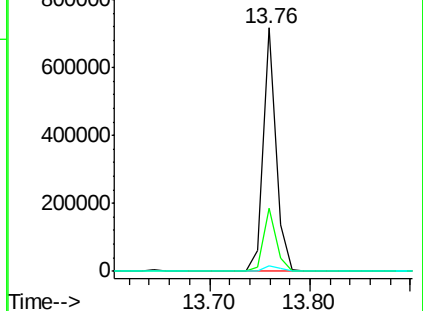
279 2.2 1.8 2.6



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: 36.07 ng

RT: 14.38 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

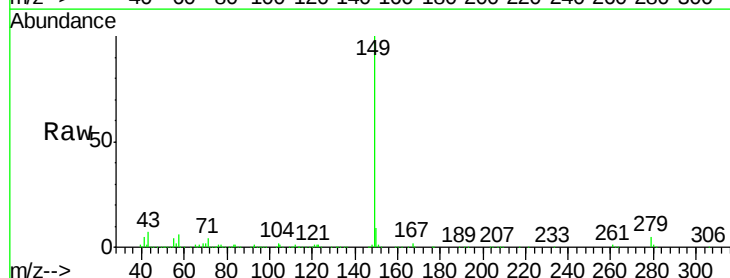
Tgt Ion:149 Resp: 981906

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

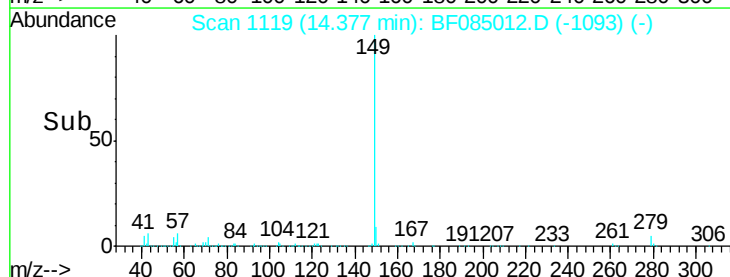
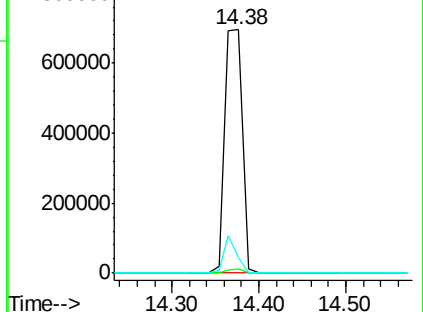
43 10.9 5.6 8.4#

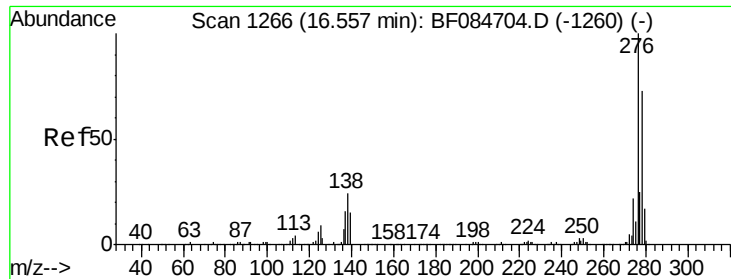


Abundance Ion 149.00 (148.70 to 149.70): E

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: 40.38 ng

RT: 16.37 min Scan# 1293

Delta R.T. -0.02 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

Instrument :

BNA_F

ClientSampleId :

PB88297BS

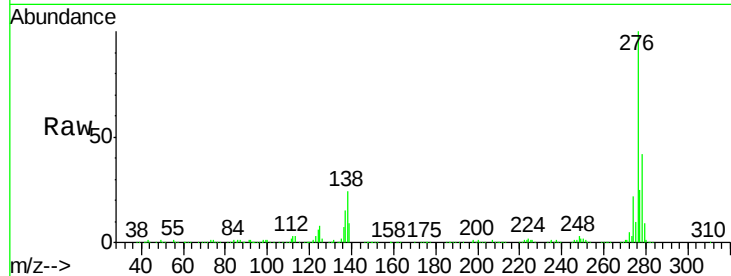
Tgt Ion: 276 Resp: 730131

Ion Ratio Lower Upper

276 100

138 24.6 20.6 30.8

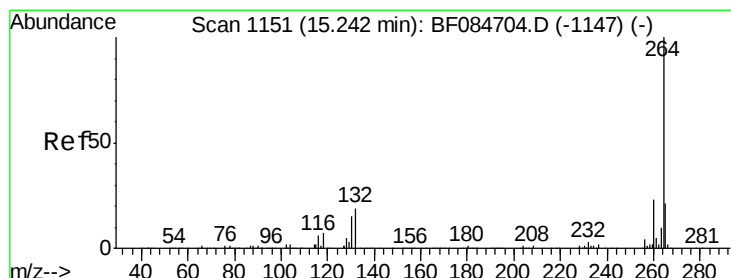
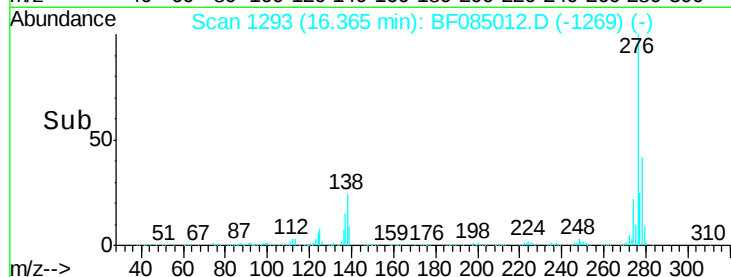
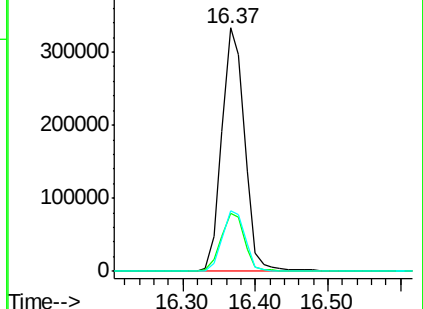
277 25.1 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.12 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

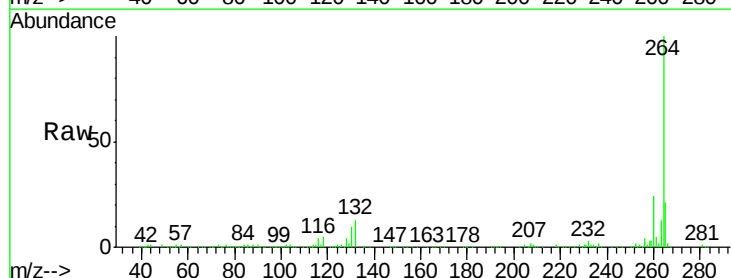
Tgt Ion: 264 Resp: 276156

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

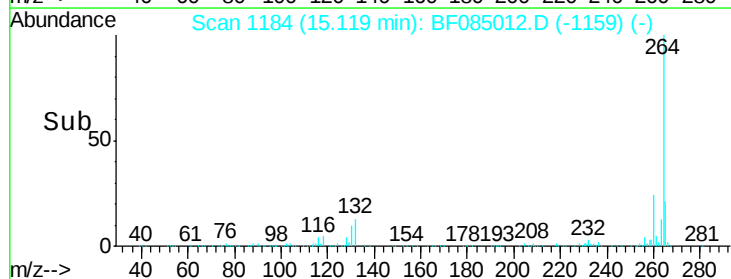
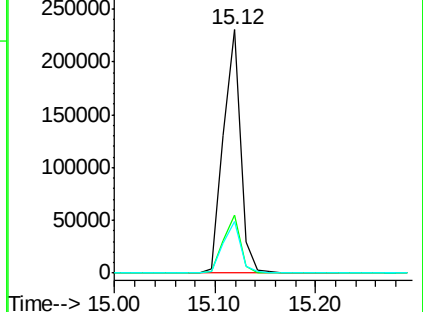
265 21.1 17.8 26.6

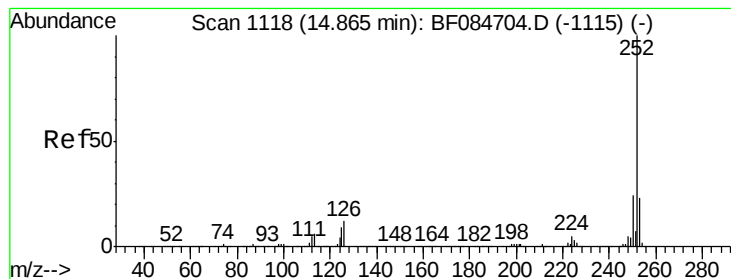


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 76.91 ng

RT: 14.78 min Scan# 1154

Delta R.T. 0.01 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

Instrument :

BNA_F

ClientSampleId :

PB88297BS

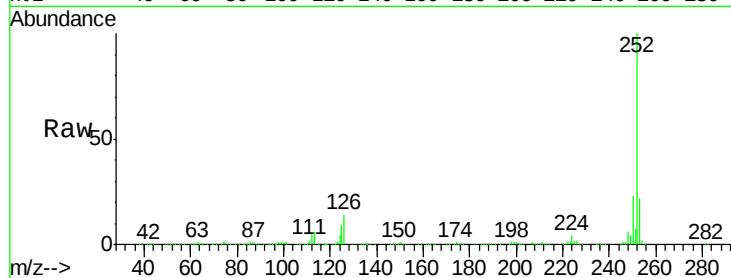
Tgt Ion:252 Resp: 1427120

Ion Ratio Lower Upper

252 100

253 22.4 17.3 25.9

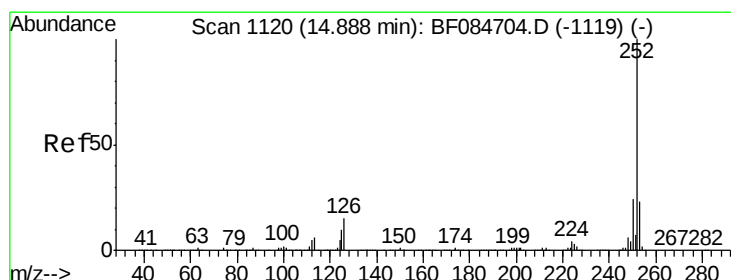
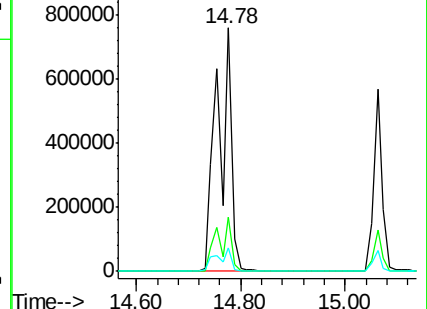
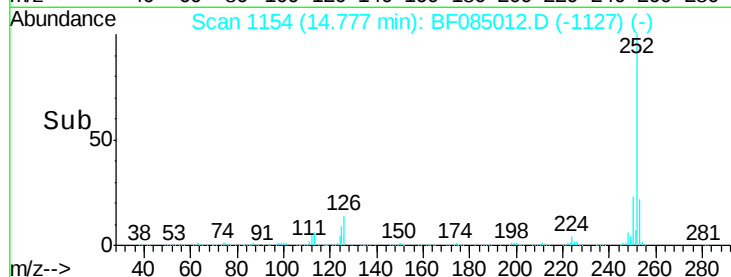
125 9.4 6.5 9.7



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



#88

Benzo(k)fluoranthene

Concen: 93.02 ng

RT: 14.78 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

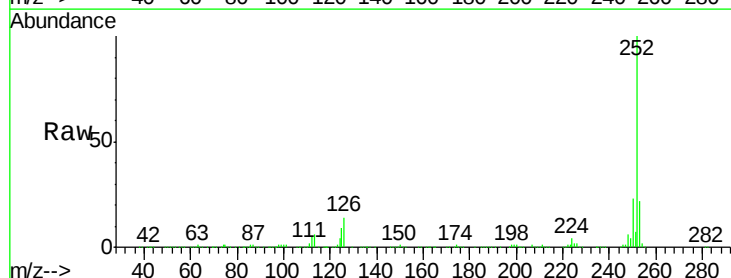
Tgt Ion:252 Resp: 1427120

Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

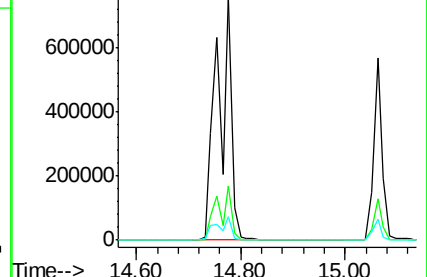
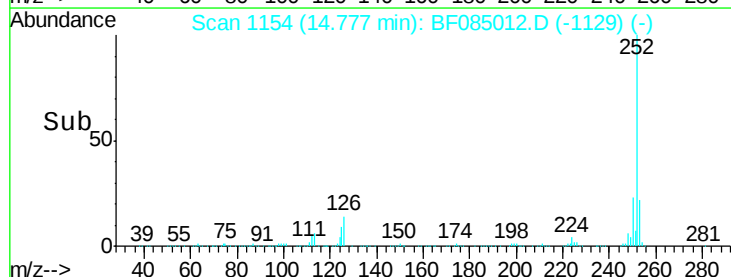
125 9.4 9.0 13.6

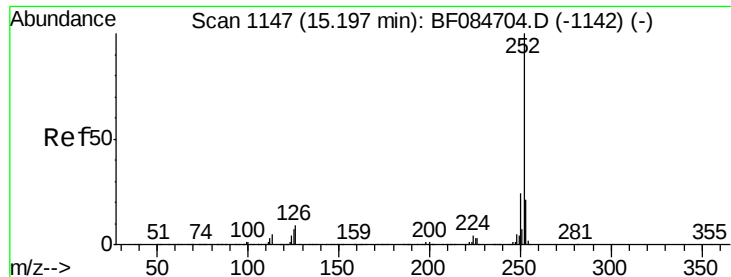


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.92 ng

RT: 15.06 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

Instrument :

BNA_F

ClientSampleId :

PB88297BS

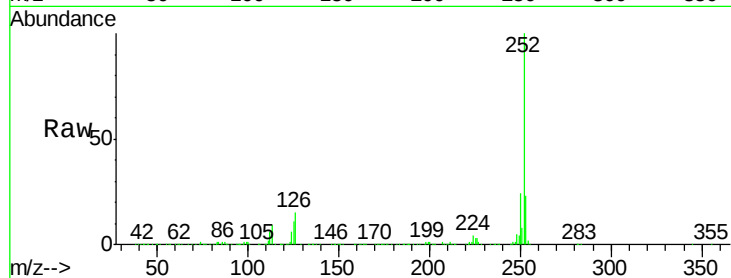
Tgt Ion: 252 Resp: 647004

Ion Ratio Lower Upper

252 100

253 22.9 17.3 25.9

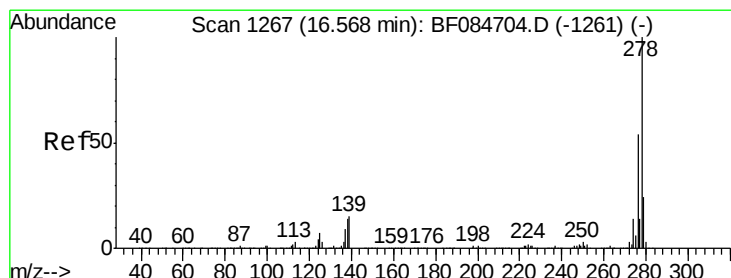
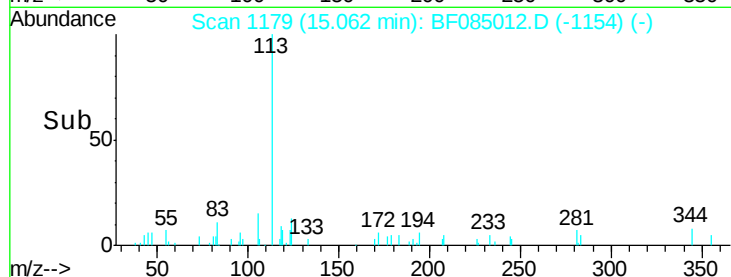
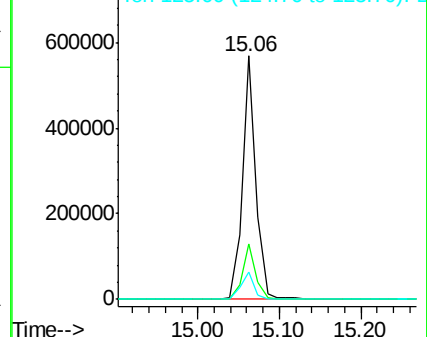
125 11.3 7.0 10.4#



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: 46.06 ng

RT: 16.38 min Scan# 1294

Delta R.T. -0.02 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

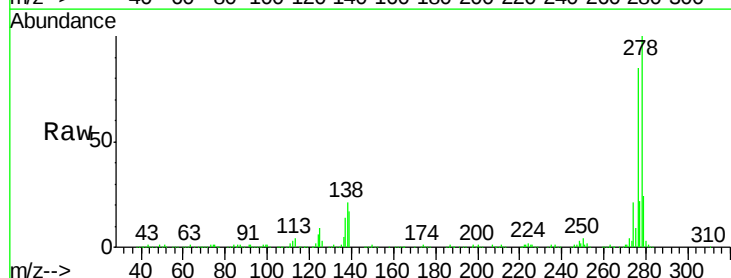
Tgt Ion: 278 Resp: 613033

Ion Ratio Lower Upper

278 100

139 16.7 15.0 22.4

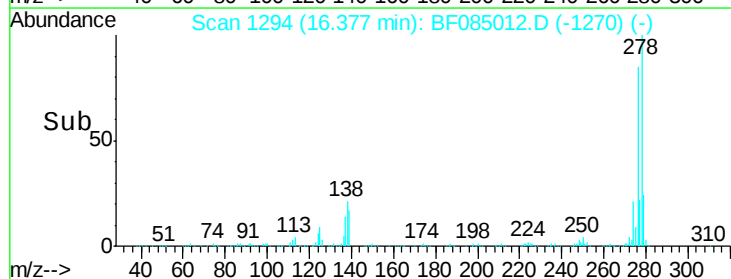
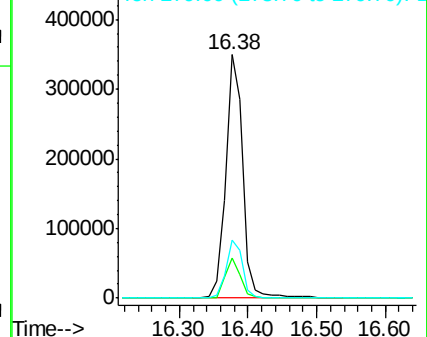
279 23.8 18.9 28.3

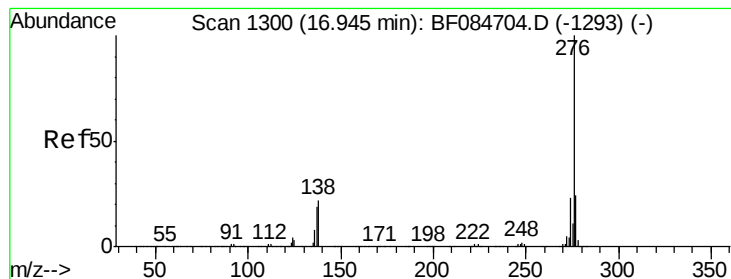


Abundance Ion 278.00 (277.70 to 278.70): E

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: 47.56 ng

RT: 16.74 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF085012.D

Acq: 11 Feb 2016 12:05

Instrument :

BNA_F

ClientSampleId :

PB88297BS

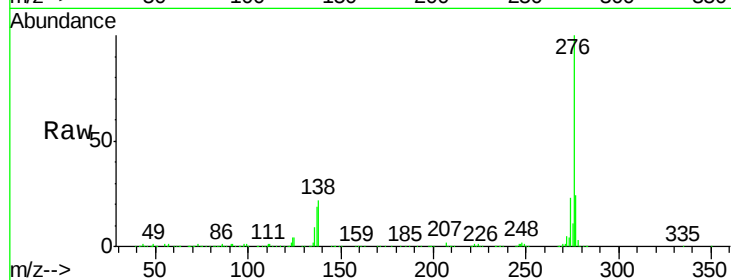
Tgt Ion: 276 Resp: 637587

Ion Ratio Lower Upper

276 100

277 24.0 18.8 28.2

138 22.2 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

