

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020916\
 Data File : BF084957.D
 Acq On : 9 Feb 2016 17:38
 Operator : SJ/IZ
 Sample : H1386-03MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B005(28-30)MS

Quant Time: Feb 10 03:24:15 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	156589	20.00	ng	-0.05
21) Naphthalene-d8	7.93	136	664687	20.00	ng	-0.05
38) Acenaphthene-d10	9.68	164	307258	20.00	ng	-0.06
63) Phenanthrene-d10	11.15	188	558444	20.00	ng	-0.06
75) Chrysene-d12	13.78	240	391621	20.00	ng	-0.06
86) Perylene-d12	15.14	264	321190	20.00	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.23	112	1423987	141.64	ng	-0.05
7) Phenol-d6	6.30	99	1862476	149.44	ng	-0.03
23) Nitrobenzene-d5	7.21	82	1168888	99.06	ng	-0.06
41) 2,4,6-Tribromophenol	10.46	330	437879	136.63	ng	-0.06
44) 2-Fluorobiphenyl	9.00	172	1693516	97.73	ng	-0.06
78) Terphenyl-d14	12.74	244	1755774	101.59	ng	-0.06

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.16	88	170970	38.83	ng	# 77
3) Pyridine	2.80	79	594602	51.82	ng	# 61
4) n-Nitrosodimethylamine	2.76	42	308240	51.94	ng	# 79
6) Aniline	6.30	93	454776	29.82	ng	# 58
8) 2-Chlorophenol	6.43	128	563138	49.49	ng	91
9) Benzaldehyde	6.18	77	161817	21.99	ng	95
10) Phenol	6.32	94	797572	57.12	ng	90
11) bis(2-Chloroethyl)ether	6.38	93	540233	49.62	ng	85
12) 1,3-Dichlorobenzene	6.58	146	555901	46.24	ng	97
13) 1,4-Dichlorobenzene	6.65	146	562505	46.80	ng	97
14) 1,2-Dichlorobenzene	6.81	146	541732	48.39	ng	100
15) Benzyl Alcohol	6.80	79	455203	52.89	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.93	45	860809	47.00	ng	91
17) 2-Methylphenol	6.92	107	470796	52.31	ng	# 89
18) Hexachloroethane	7.15	117	225559	48.73	ng	# 87
19) n-Nitroso-di-n-propylamine	7.07	70	379023	48.52	ng	# 75
20) 3+4-Methylphenols	7.08	107	587908	52.63	ng	90
22) Acetophenone	7.06	105	787457	44.95	ng	98
24) Nitrobenzene	7.23	77	585591	46.35	ng	98
25) Isophorone	7.47	82	1079117	47.03	ng	99
26) 2-Nitrophenol	7.55	139	323355	51.89	ng	96
27) 2,4-Dimethylphenol	7.60	122	478741	44.17	ng	95
28) bis(2-Chloroethoxy)methane	7.69	93	627548	46.10	ng	99
29) 2,4-Dichlorophenol	7.79	162	444042	47.88	ng	94
30) 1,2,4-Trichlorobenzene	7.87	180	493962	47.15	ng	# 95
31) Naphthalene	7.95	128	1611772	48.34	ng	100
32) Benzoic acid	7.71	122	81428	11.74	ng	98
33) 4-Chloroaniline	8.01	127	251446	18.24	ng	# 91
34) Hexachlorobutadiene	8.06	225	265046	43.88	ng	98
35) Caprolactam	8.40	113	92626	32.40	ng	# 60
36) 4-Chloro-3-methylphenol	8.51	107	561859	53.10	ng	99
37) 2-Methylnaphthalene	8.64	142	1010664	48.43	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	462471	47.39	ng	99
40) Hexachlorocyclopentadiene	8.80	237	361316	82.72	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	302941	48.19	ng	96
43) 2,4,5-Trichlorophenol	8.97	196	307726	48.17	ng #	85
45) 1,1'-Biphenyl	9.10	154	1305813	47.58	ng	98
46) 2-Chloronaphthalene	9.13	162	998726	49.42	ng #	89
47) 2-Nitroaniline	9.23	65	349021	54.54	ng	92
48) Acenaphthylene	9.54	152	1475291	48.10	ng	98
49) Dimethylphthalate	9.41	163	1474766	63.02	ng #	90
50) 2,6-Dinitrotoluene	9.48	165	250256	48.95	ng #	82
51) Acenaphthene	9.71	154	967717	48.50	ng	97
52) 3-Nitroaniline	9.64	138	179648	31.27	ng #	86
53) 2,4-Dinitrophenol	9.76	184	173437	73.97	ng	90
54) Dibenzofuran	9.88	168	1262716	51.78	ng	95
55) 4-Nitrophenol	9.82	139	333718	79.04	ng #	77
56) 2,4-Dinitrotoluene	9.88	165	347483	53.29	ng #	91
57) Fluorene	10.22	166	1068345	52.46	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.01	232	273663	56.28	ng #	86
59) Diethylphthalate	10.11	149	1023088	44.77	ng	99
60) 4-Chlorophenyl-phenylether	10.21	204	402987	47.51	ng	89
61) 4-Nitroaniline	10.26	138	259034	46.27	ng	94
62) Azobenzene	10.37	77	1090216	49.62	ng	89
64) 4,6-Dinitro-2-methylphenol	10.29	198	171838	49.86	ng	74
65) n-Nitrosodiphenylamine	10.34	169	847927	47.82	ng	99
66) 4-Bromophenyl-phenylether	10.70	248	315464	51.14	ng #	90
67) Hexachlorobenzene	10.76	284	305807	45.50	ng #	84
68) Atrazine	10.88	200	307936	54.99	ng	97
69) Pentachlorophenol	10.97	266	288945	91.48	ng	99
70) Phenanthrene	11.17	178	1369036	44.20	ng	97
71) Anthracene	11.23	178	1597562	51.19	ng	99
72) Carbazole	11.39	167	1435417	52.74	ng	98
73) Di-n-butylphthalate	11.72	149	1548564	44.69	ng #	96
74) Fluoranthene	12.36	202	1554838	49.60	ng	92
76) Benzidine	12.49	184	537839	38.96	ng	98
77) Pyrene	12.58	202	1382607	46.11	ng	98
79) Butylbenzylphthalate	13.22	149	688790	50.64	ng #	81
80) Benzo(a)anthracene	13.77	228	1232404	50.70	ng	99
81) 3,3'-Dichlorobenzidine	13.73	252	194290	22.58	ng #	93
82) Chrysene	13.80	228	917856	38.94	ng	99
83) Bis(2-ethylhexyl)phthalate	13.78	149	880103	51.99	ng #	96
84) Di-n-octyl phthalate	14.39	149	1266616	45.36	ng #	88
85) Indeno(1,2,3-cd)pyrene	16.40	276	950745	51.25	ng	98
87) Benzo(b)fluoranthene	14.80	252	1900634	88.07	ng	97
88) Benzo(k)fluoranthene	14.80	252	1900634	106.52	ng	98
89) Benzo(a)pyrene	15.08	252	869360	47.28	ng #	97
90) Dibenzo(a,h)anthracene	16.41	278	786193	50.79	ng	96
91) Benzo(g,h,i)perylene	16.77	276	810837	52.00	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.05 min

Lab File: BF084957.D

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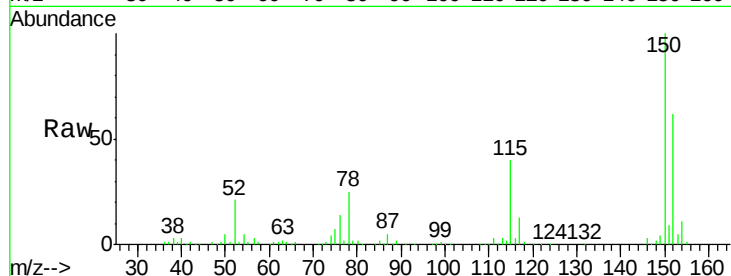
Tgt Ion:152 Resp: 156589

Ion Ratio Lower Upper

152 100

150 161.4 123.0 184.4

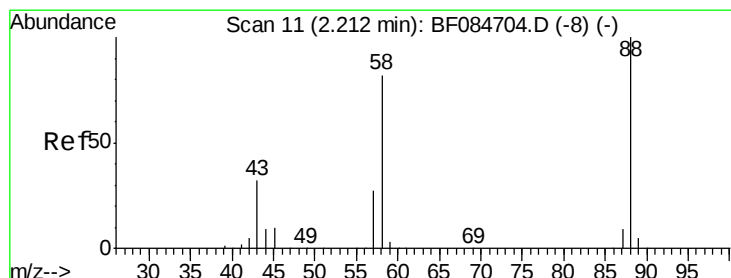
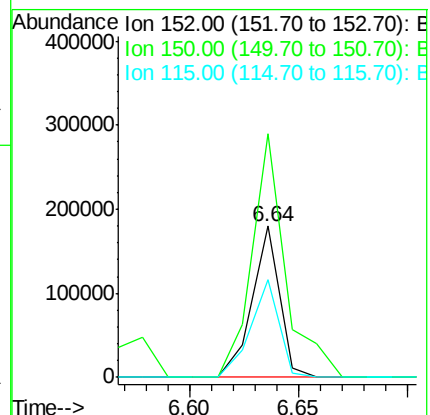
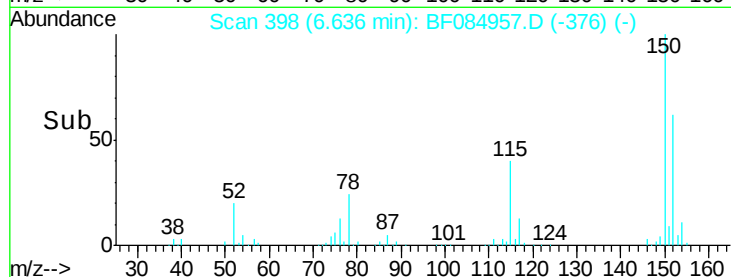
115 64.9 51.4 77.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.83 ng

RT: 2.16 min Scan# 6

Delta R.T. -0.02 min

Lab File: BF084957.D

Acq: 9 Feb 2016 17:38

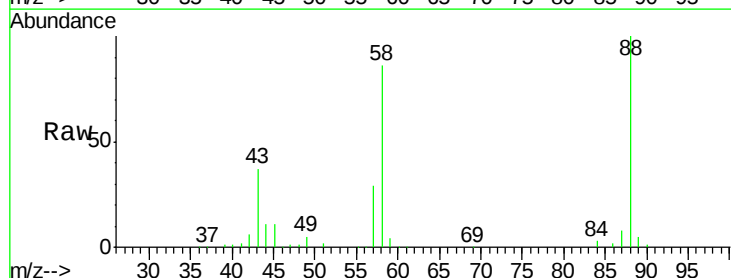
Tgt Ion: 88 Resp: 170970

Ion Ratio Lower Upper

88 100

58 83.0 51.2 76.8#

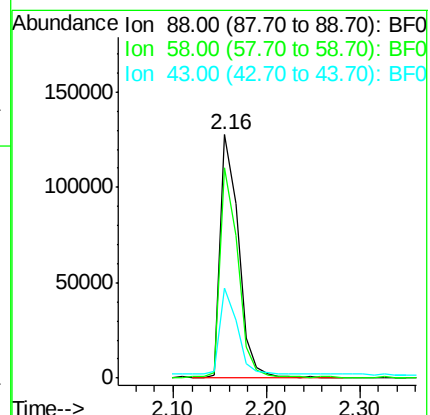
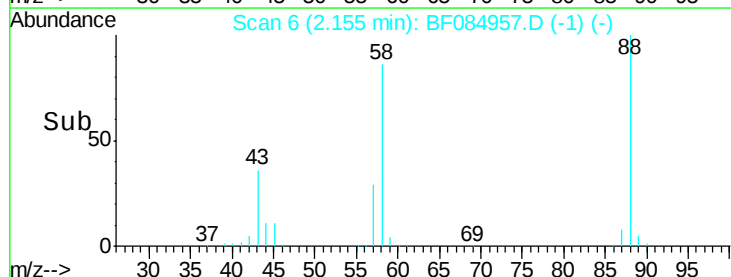
43 33.7 19.5 29.3#

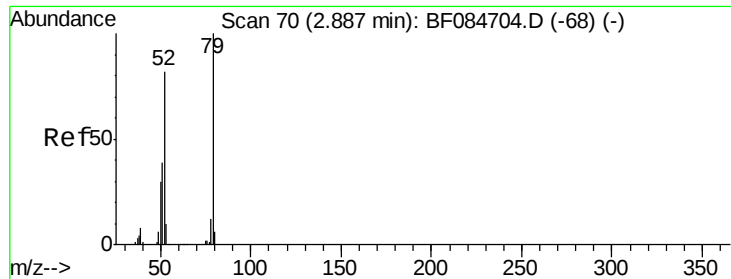


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 51.82 ng

RT: 2.80 min Scan# 62

Delta R.T. -0.05 min

Lab File: BF084957.D

Acq: 9 Feb 2016 17:38

Instrument :

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S4-B005(28-30)MS

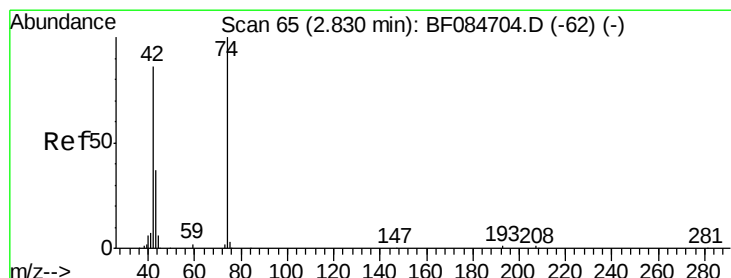
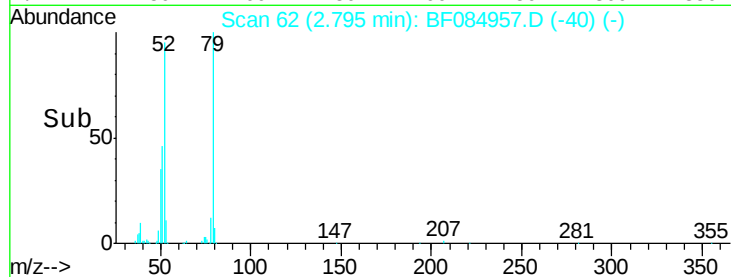
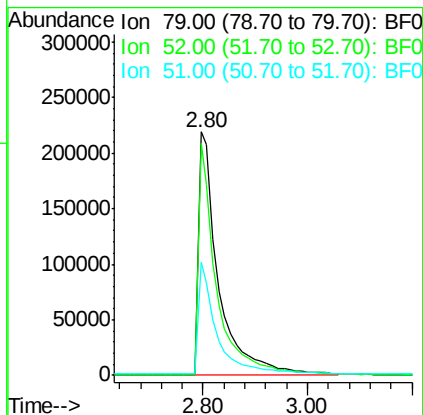
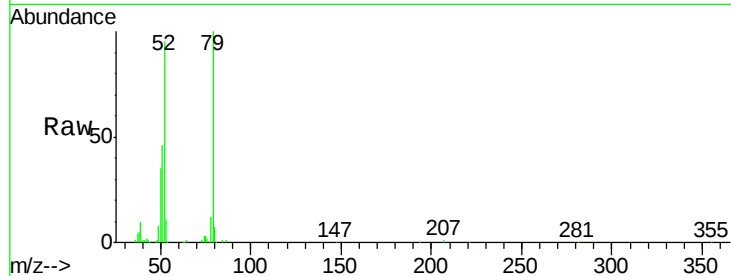
Tgt Ion: 79 Resp: 594602

Ion Ratio Lower Upper

79 100

52 95.2 49.0 73.4#

51 46.4 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 51.94 ng

RT: 2.76 min Scan# 59

Delta R.T. -0.03 min

Lab File: BF084957.D

Acq: 9 Feb 2016 17:38

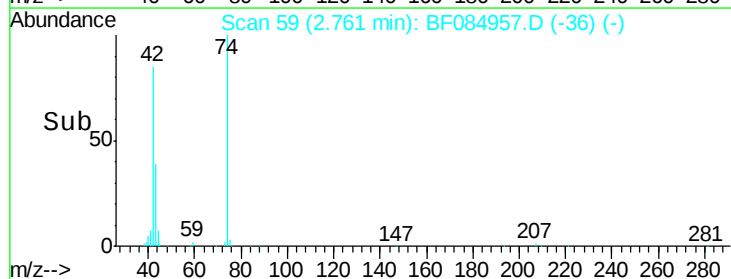
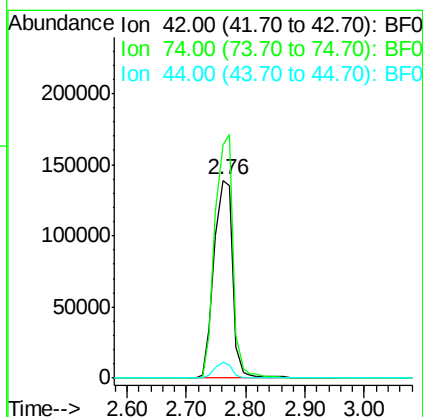
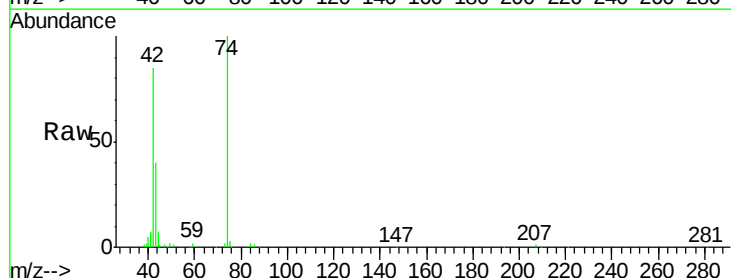
Tgt Ion: 42 Resp: 308240

Ion Ratio Lower Upper

42 100

74 117.8 115.7 173.5

44 7.8 5.1 7.7#





#5

2-Fluorophenol

Concen: 141.64 ng

RT: 5.23 min Scan# 275

Delta R.T. -0.05 min

Lab File: BF084957.D

Acq: 9 Feb 2016 17:38

Instrument :

BNA_F

ClientSampleId :

S4-B005(28-30)MS

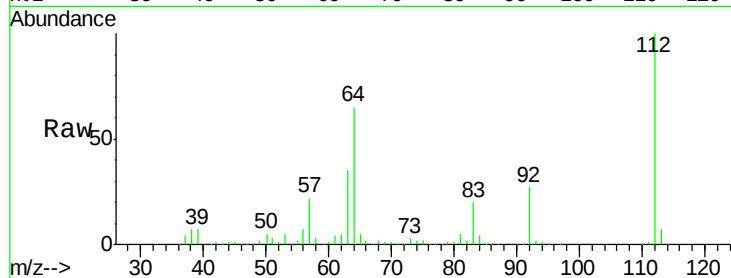
Tgt Ion: 112 Resp: 1423987

Ion Ratio Lower Upper

112 100

64 65.1 36.6 55.0#

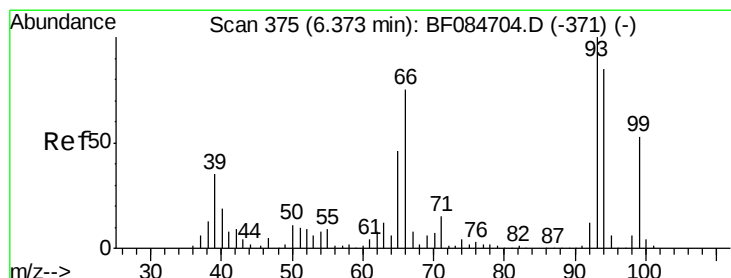
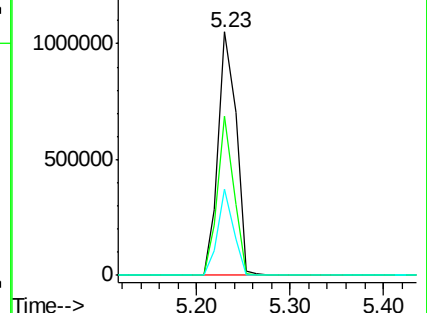
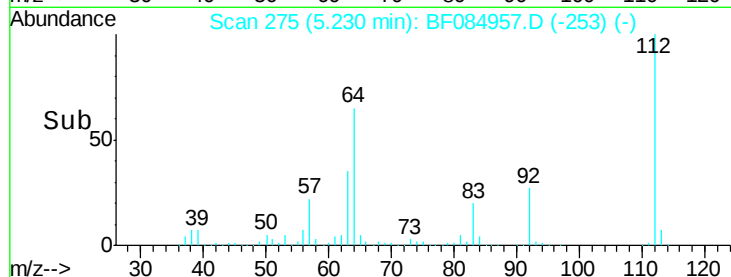
63 35.2 19.4 29.0#



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: 29.82 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.05 min

Lab File: BF084957.D

Acq: 9 Feb 2016 17:38

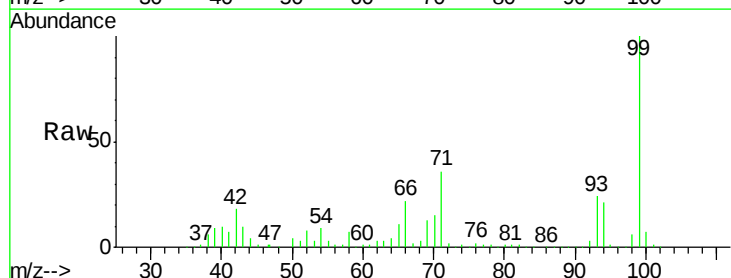
Tgt Ion: 93 Resp: 454776

Ion Ratio Lower Upper

93 100

66 90.4 44.9 67.3#

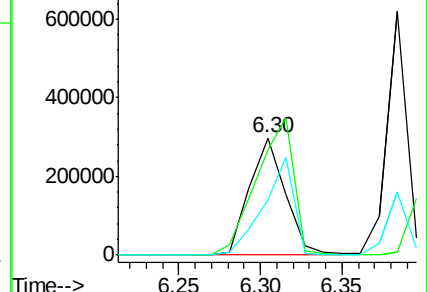
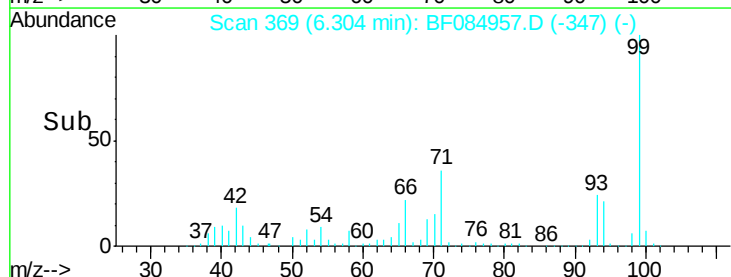
65 46.8 23.7 35.5#



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: 149.44 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.03 min

Lab File: BF084957.D

Acq: 9 Feb 2016 17:38

Instrument :

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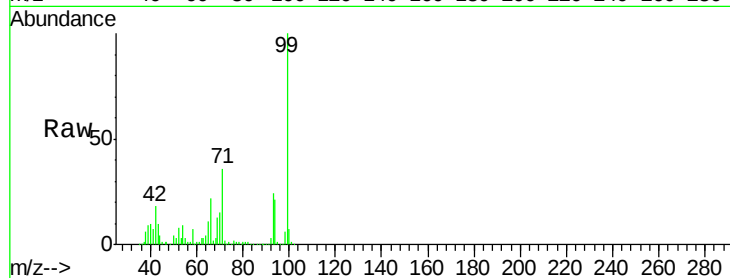
Tgt Ion: 99 Resp: 1862476

Ion Ratio Lower Upper

99 100

42 18.4 12.8 19.2

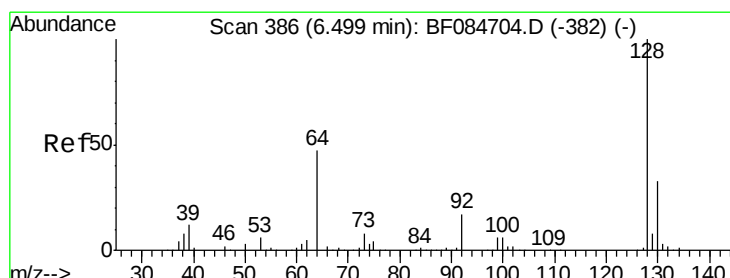
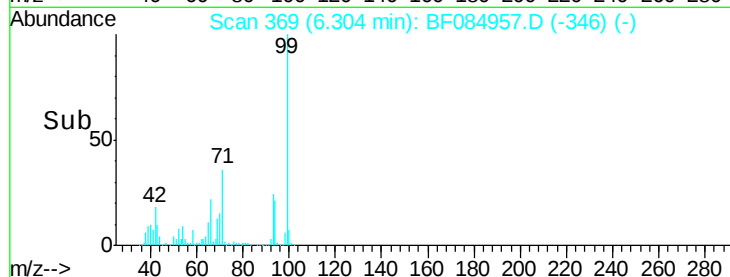
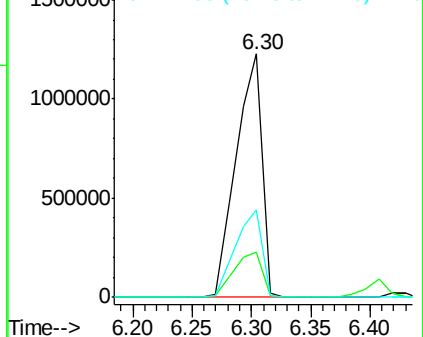
71 35.7 30.9 46.3



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: 49.49 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.05 min

Lab File: BF084957.D

Acq: 9 Feb 2016 17:38

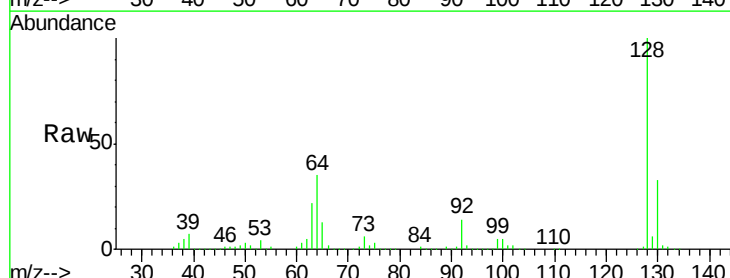
Tgt Ion: 128 Resp: 563138

Ion Ratio Lower Upper

128 100

130 33.4 11.6 51.6

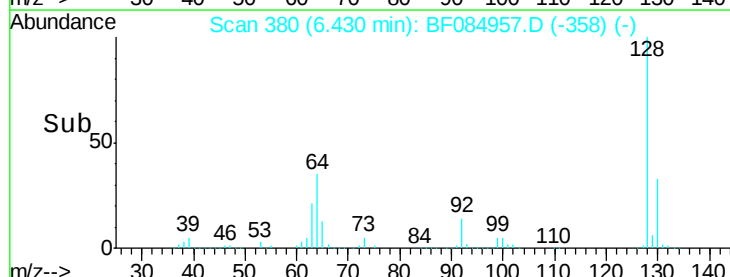
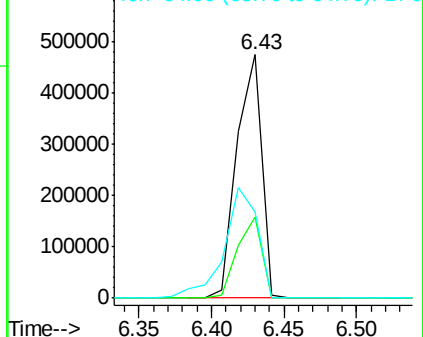
64 35.2 23.8 63.8

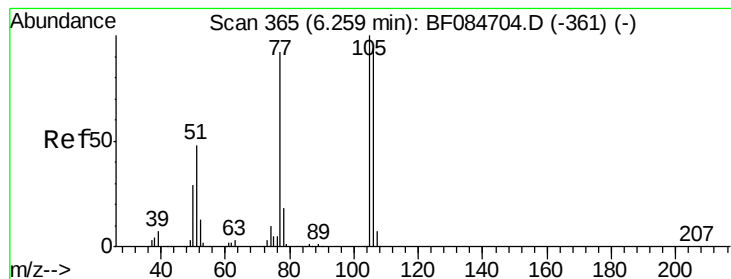


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 21.99 ng

RT: 6.18 min Scan# 358

Delta R.T. -0.06 min

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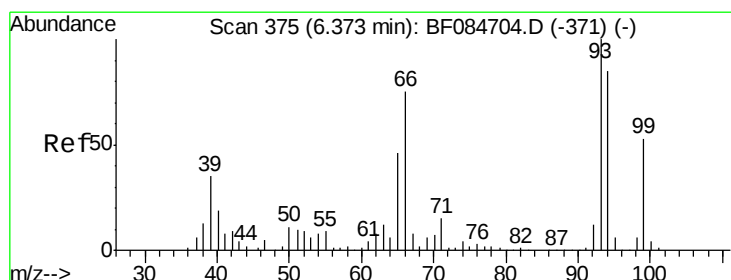
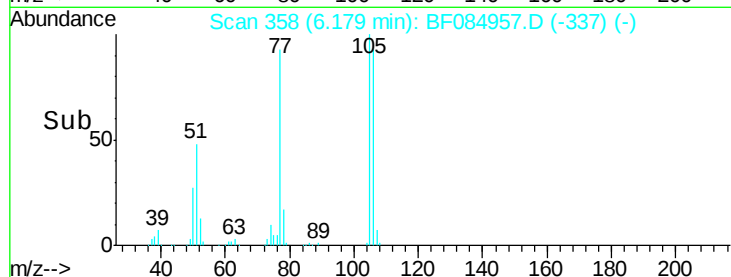
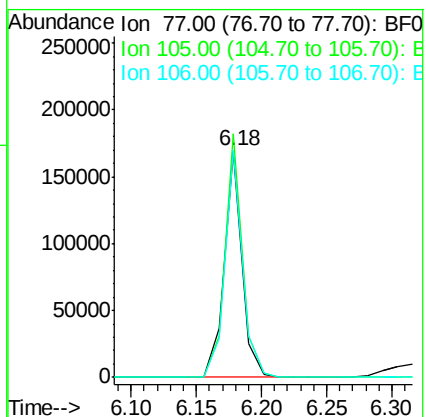
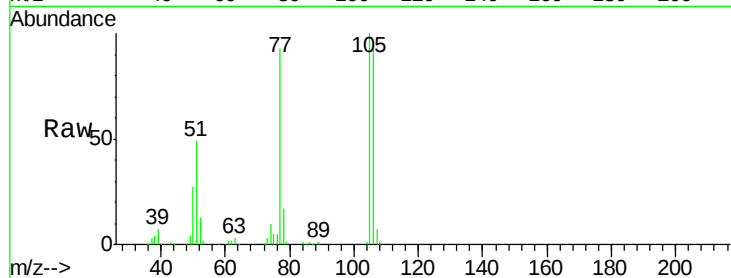
Tgt Ion: 77 Resp: 161817

Ion Ratio Lower Upper

77 100

105 107.8 83.0 123.0

106 100.3 74.6 114.6



#10

Phenol

Concen: 57.12 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.03 min

Lab File: BF084957.D

Acq: 9 Feb 2016 17:38

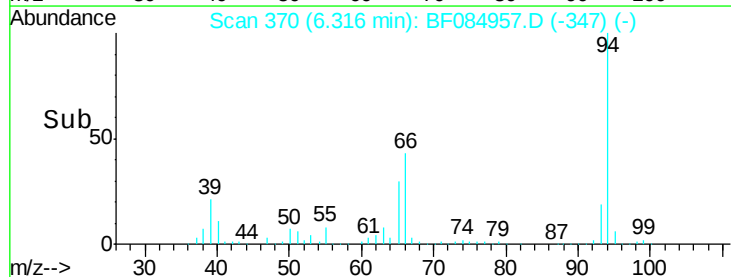
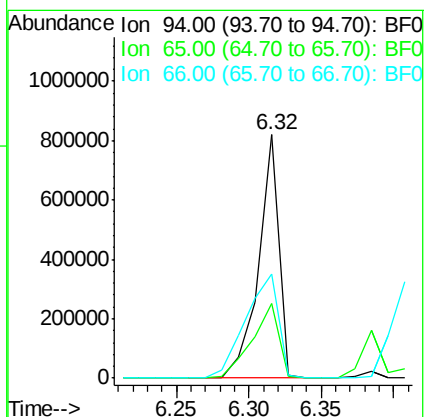
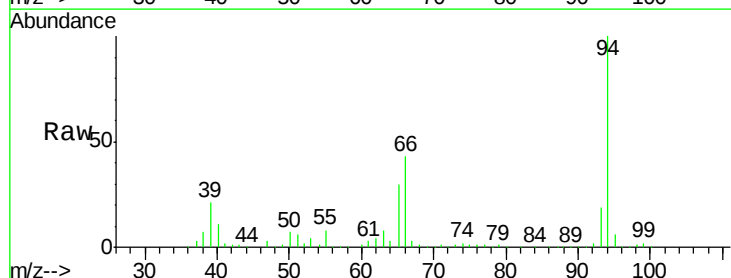
Tgt Ion: 94 Resp: 797572

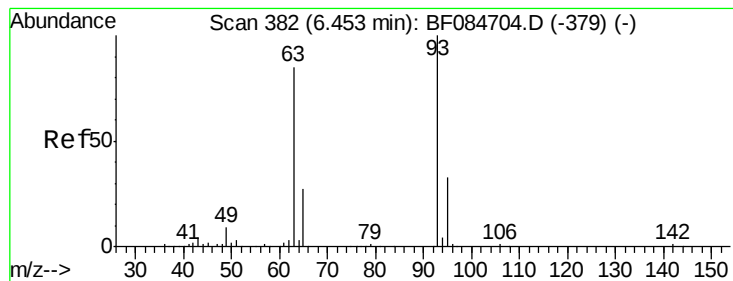
Ion Ratio Lower Upper

94 100

65 30.4 12.9 52.9

66 42.7 32.7 72.7





#11

bis(2-Chloroethyl)ether

Concen: 49.62 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.05 min

Lab File: BF084957.D

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ClientSampleId :

S4-B005(28-30)MS

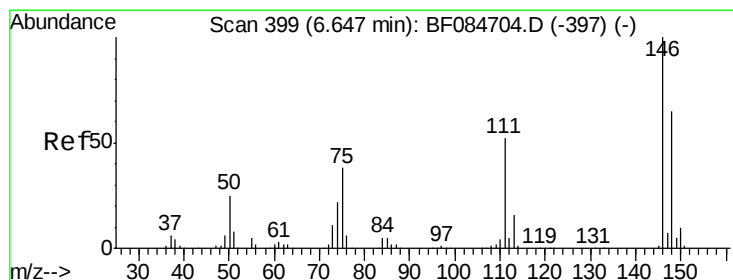
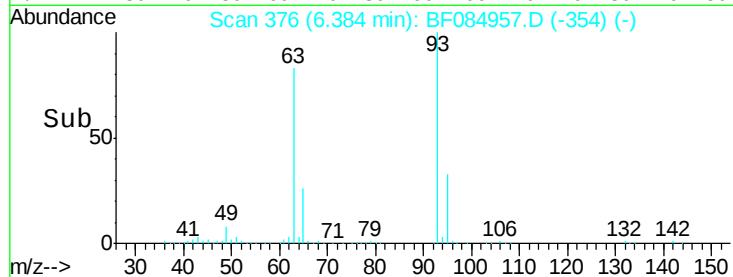
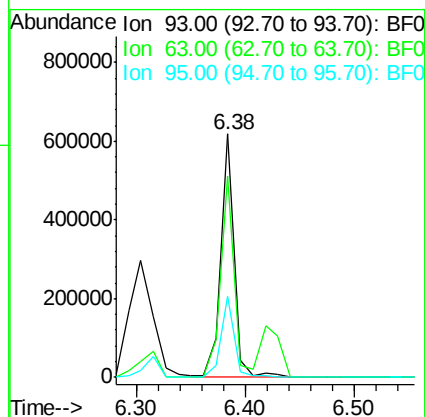
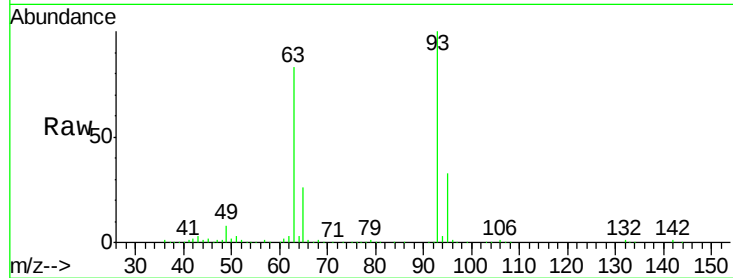
Tgt Ion: 93 Resp: 540233

Ion Ratio Lower Upper

93 100

63 82.9 45.9 85.9

95 33.0 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 46.24 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.05 min

Lab File: BF084957.D

Acq: 9 Feb 2016 17:38

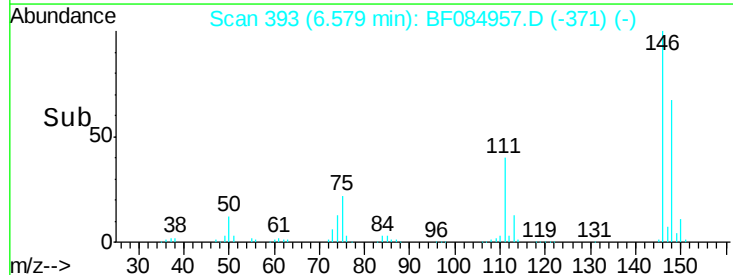
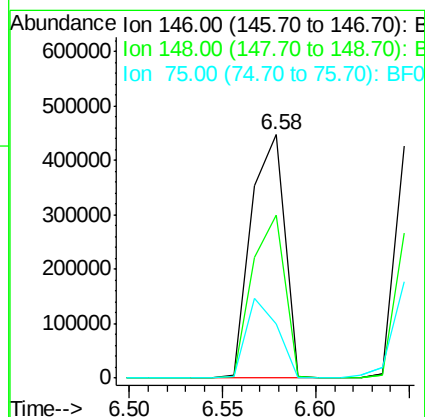
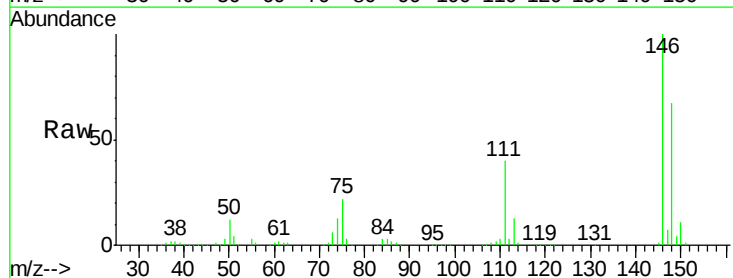
Tgt Ion: 146 Resp: 555901

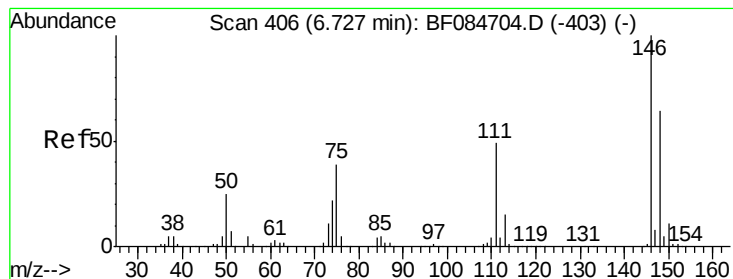
Ion Ratio Lower Upper

146 100

148 66.8 51.9 77.9

75 22.4 20.5 30.7





#13

1,4-Dichlorobenzene

Concen: 46.80 ng

RT: 6.65 min Scan# 399

Delta R.T. -0.06 min

Lab File: BF084957.D

Acq: 9 Feb 2016 17:38

Instrument :

BNA_F

ClientSampleId :

S4-B005(28-30)MS

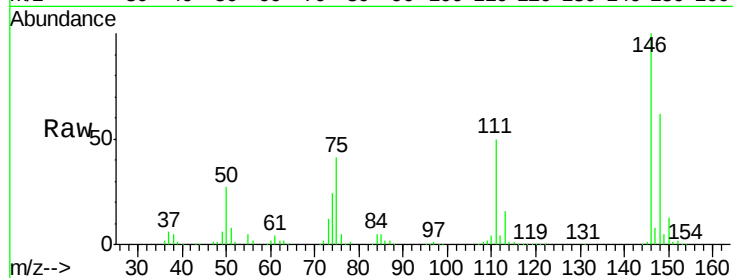
Tgt Ion:146 Resp: 562505

Ion Ratio Lower Upper

146 100

148 62.2 51.9 77.9

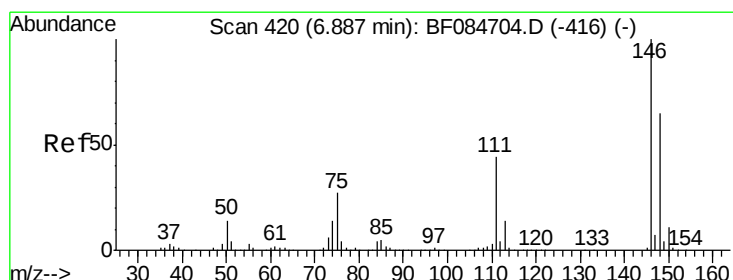
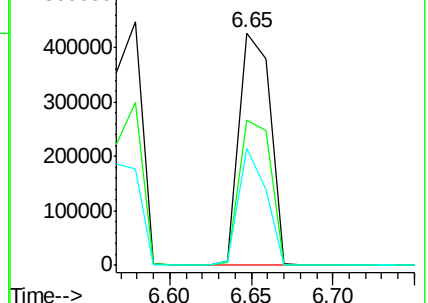
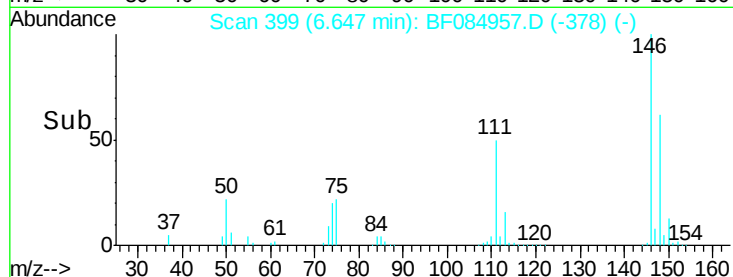
111 50.1 41.6 62.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 48.39 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.06 min

Lab File: BF084957.D

Acq: 9 Feb 2016 17:38

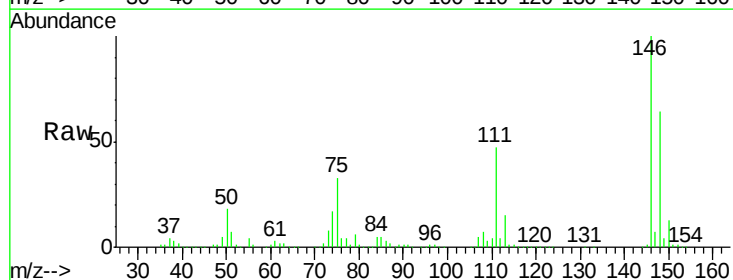
Tgt Ion:146 Resp: 541732

Ion Ratio Lower Upper

146 100

148 64.2 51.6 77.4

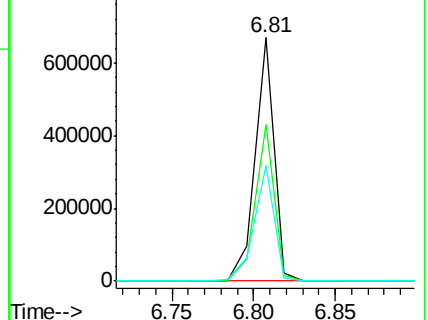
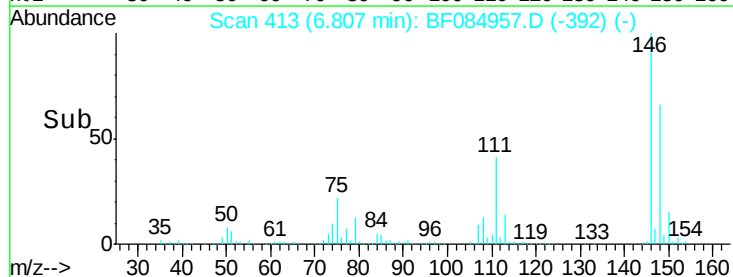
111 47.4 38.0 57.0

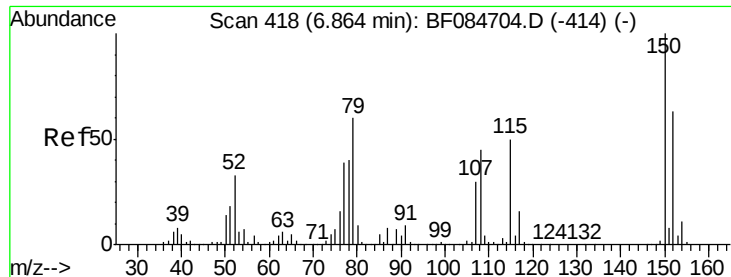


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

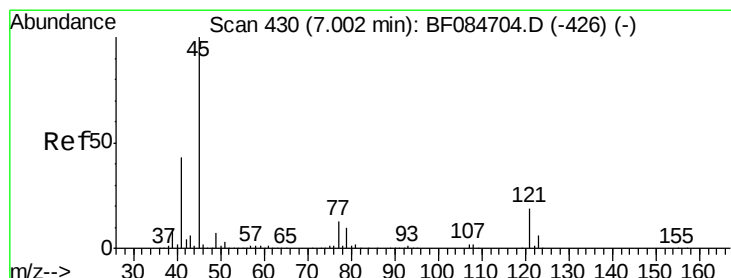
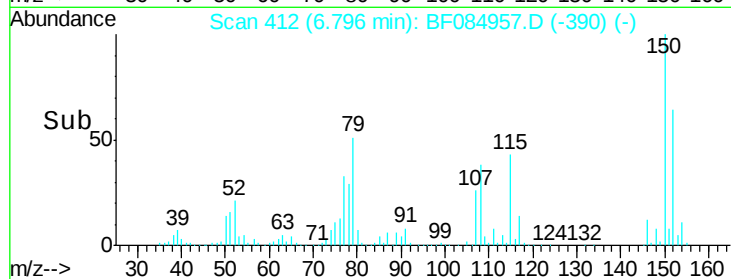
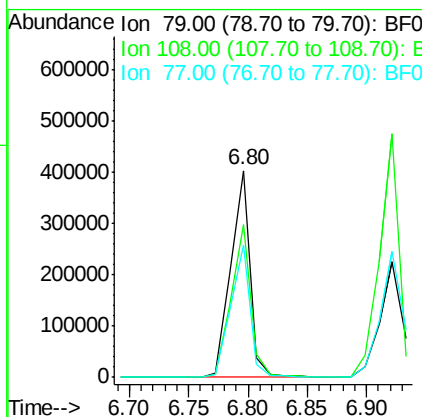
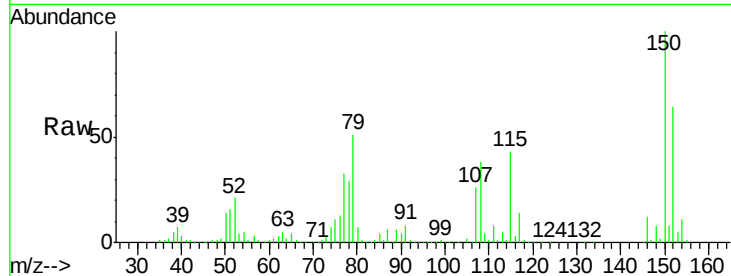




#15
Benzyl Alcohol
Concen: 52.89 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.05 min
Lab File: BF084957.D
Acq: 9 Feb 2016 17:38

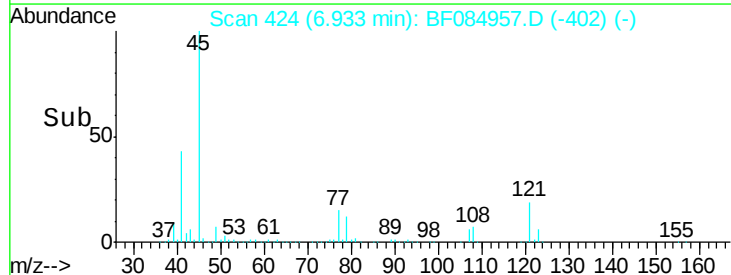
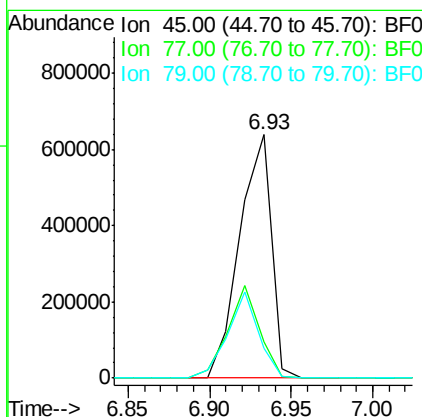
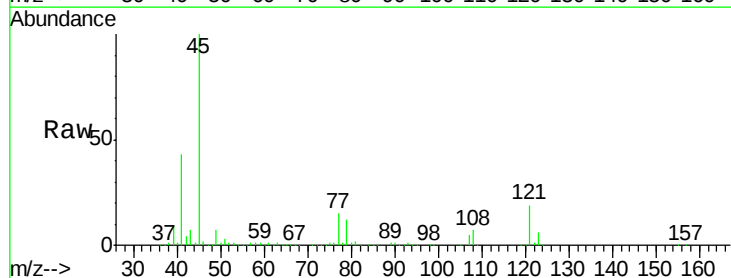
Instrument :
BNA_F
ClientSampleId :
S4-B005(28-30)MS

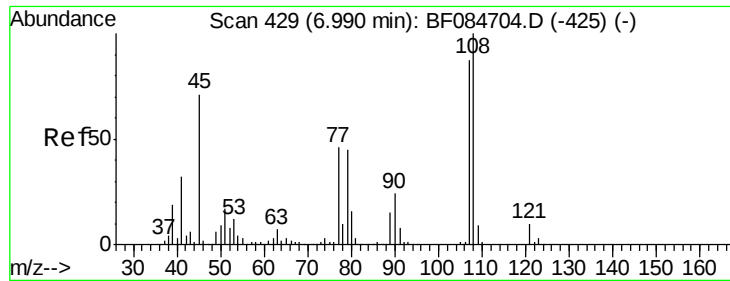
Tgt Ion: 79 Resp: 455203
Ion Ratio Lower Upper
79 100
108 74.2 69.0 103.4
77 64.1 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.00 ng
RT: 6.93 min Scan# 424
Delta R.T. -0.05 min
Lab File: BF084957.D
Acq: 9 Feb 2016 17:38

Tgt Ion: 45 Resp: 860809
Ion Ratio Lower Upper
45 100
77 14.7 0.0 39.6
79 12.0 0.0 35.0

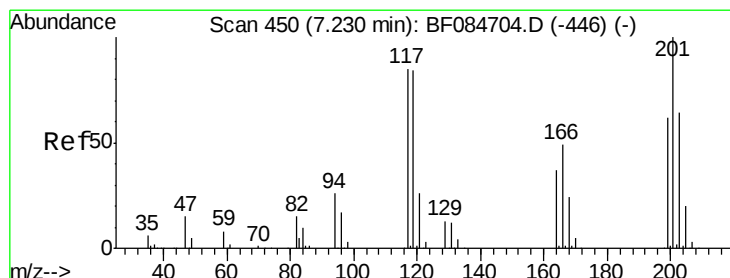
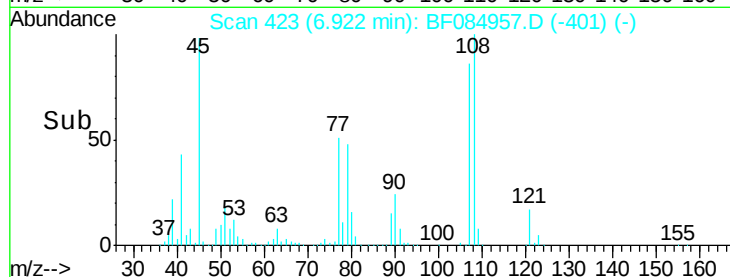
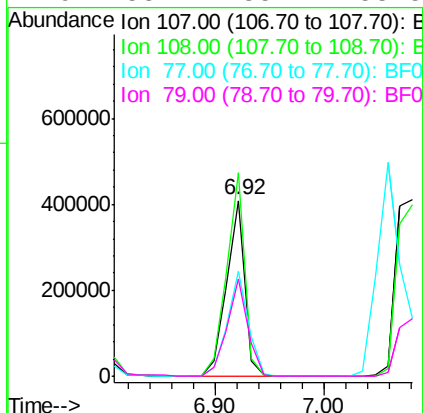
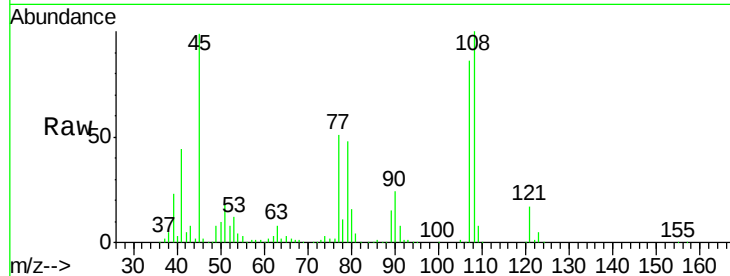




#17
2-Methylphenol
Concen: 52.31 ng
RT: 6.92 min Scan# 423
Delta R.T. -0.05 min
Lab File: BF084957.D
Acq: 9 Feb 2016 17:38

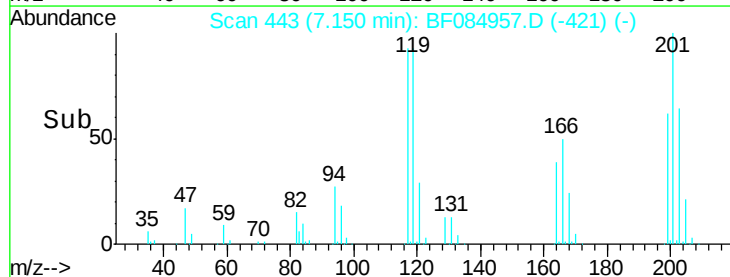
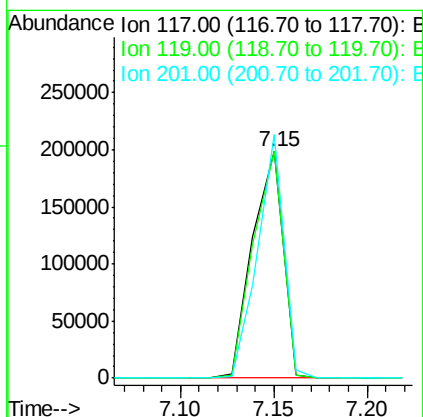
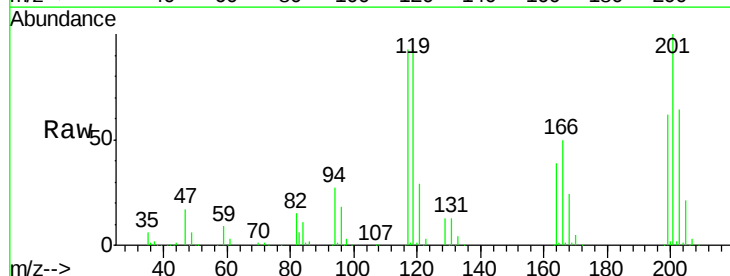
Instrument :
BNA_F
ClientSampleId :
S4-B005(28-30)MS

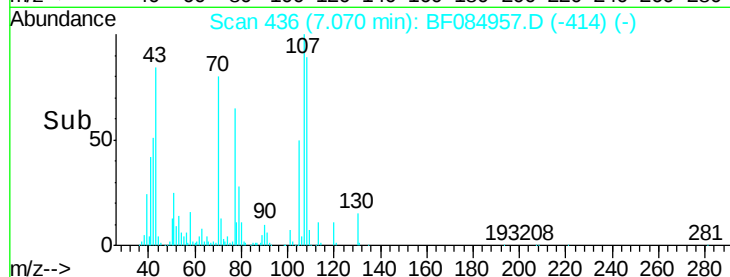
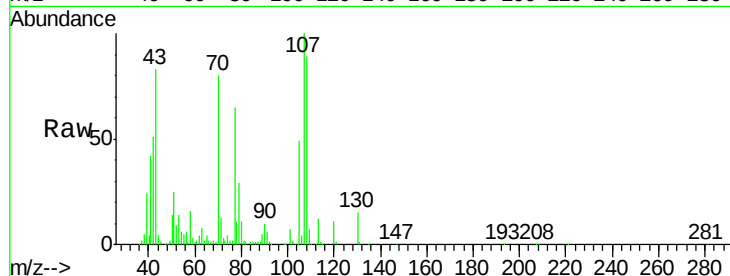
Tgt Ion:107 Resp: 470796
Ion Ratio Lower Upper
107 100
108 116.1 89.8 134.6
77 59.7 35.7 53.5#
79 55.4 35.7 53.5#



#18
Hexachloroethane
Concen: 48.73 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.05 min
Lab File: BF084957.D
Acq: 9 Feb 2016 17:38

Tgt Ion:117 Resp: 225559
Ion Ratio Lower Upper
117 100
119 100.3 77.4 116.0
201 107.4 68.6 103.0#

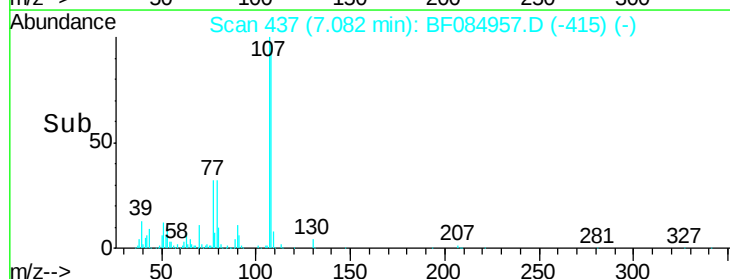
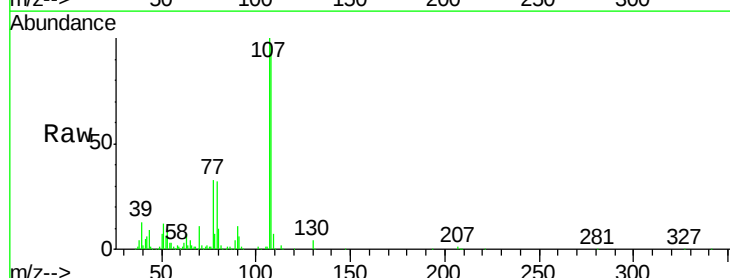
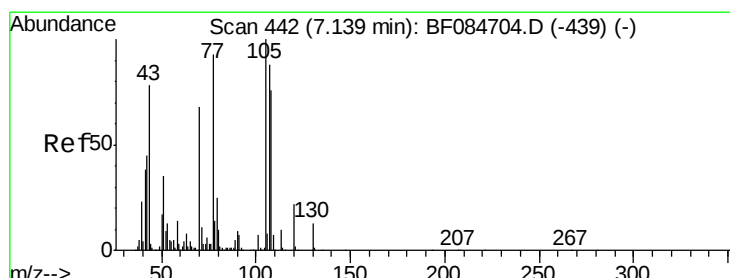
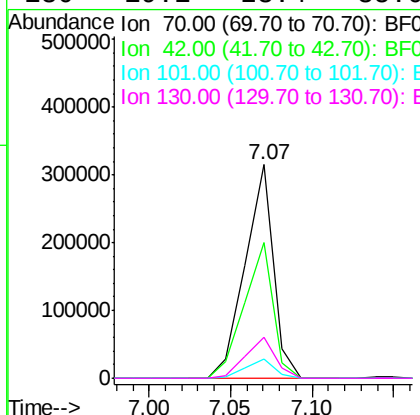




#19
n-Nitroso-di-n-propylamine
Concen: 48.52 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.05 min
Lab File: BF084957.D
Acq: 9 Feb 2016 17:38

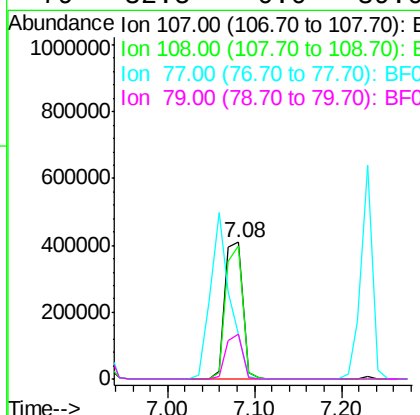
Instrument :
BNA_F
ClientSampleId :
S4-B005(28-30)MS

Tgt Ion: 70 Resp: 379023
Ion Ratio Lower Upper
70 100
42 63.6 33.3 49.9#
101 8.9 9.3 13.9#
130 19.1 23.4 35.0#



#20
3+4-Methylphenols
Concen: 52.63 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.05 min
Lab File: BF084957.D
Acq: 9 Feb 2016 17:38

Tgt Ion: 107 Resp: 587908
Ion Ratio Lower Upper
107 100
108 97.4 74.6 114.6
77 32.6 0.7 40.7
79 32.5 0.0 39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 511

Delta R.T. -0.05 min

Lab File: BF084957.D

Acq: 9 Feb 2016 17:38

Instrument :

BNA_F

ClientSampleId :

S4-B005(28-30)MS

Tgt Ion:136 Resp: 664687

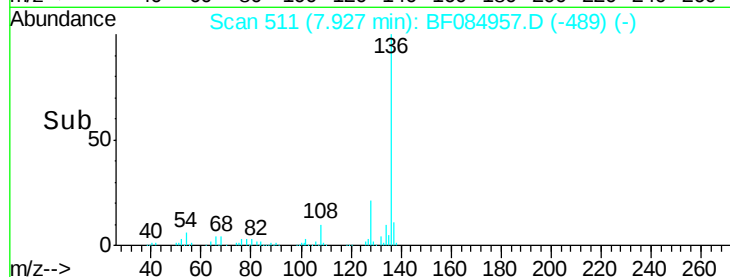
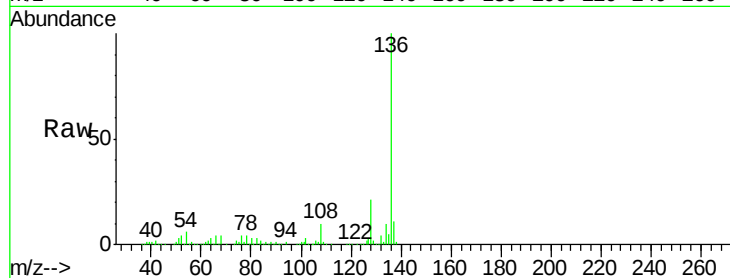
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 6.5 5.8 8.8

68 3.7 4.2 6.2#

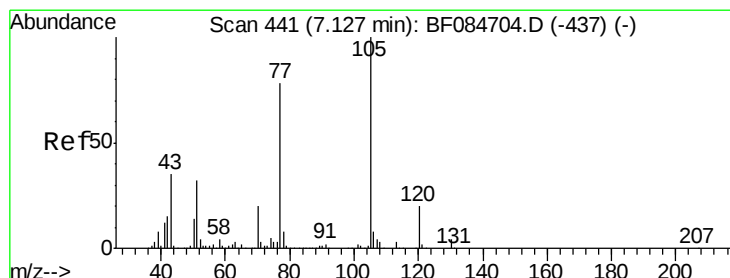
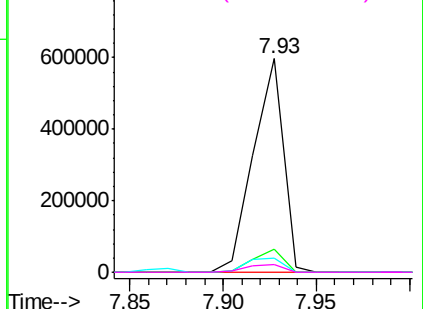


Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.95 ng

RT: 7.06 min Scan# 435

Delta R.T. -0.05 min

Lab File: BF084957.D

Acq: 9 Feb 2016 17:38

Tgt Ion:105 Resp: 787457

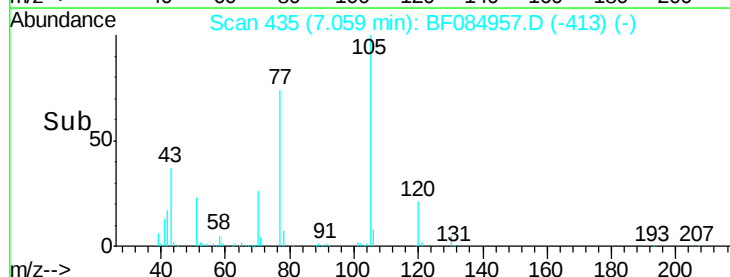
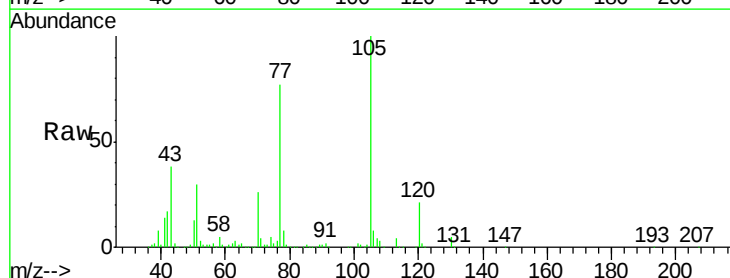
Ion Ratio Lower Upper

105 100

71 4.1 3.7 5.5

51 30.1 25.1 37.7

120 21.2 16.6 25.0

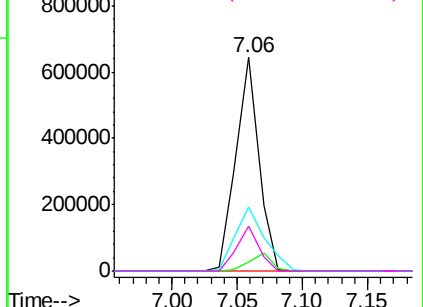


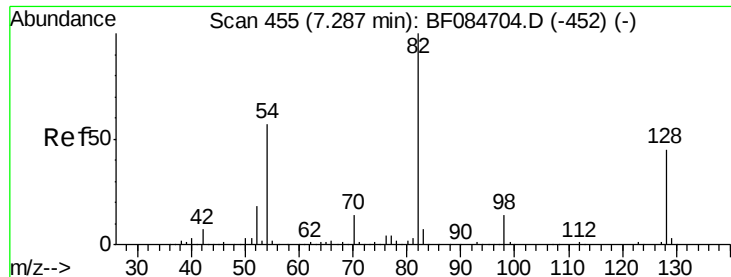
Abundance Ion 105.00 (104.70 to 105.70): E

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

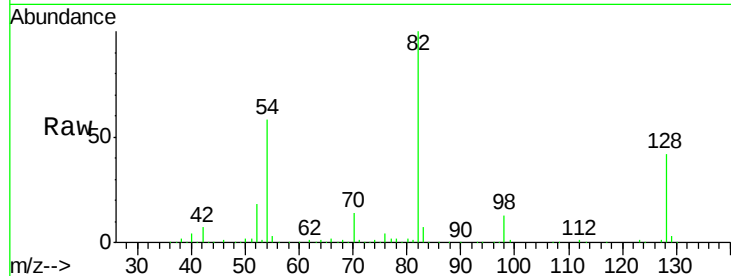




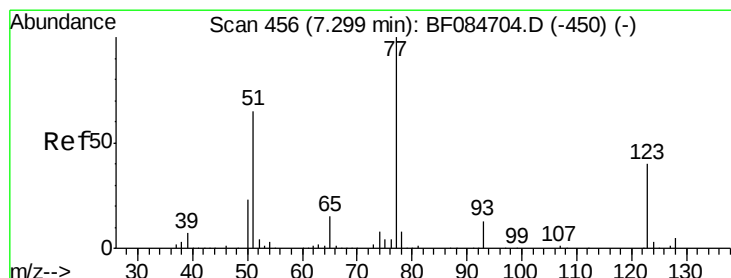
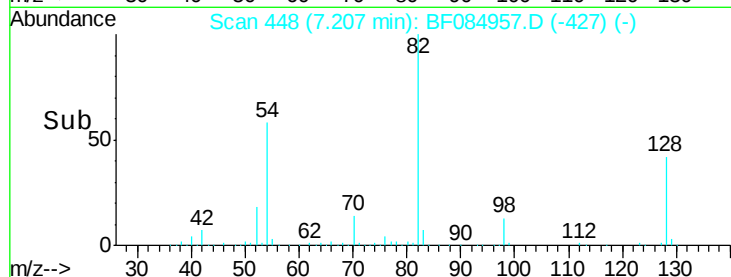
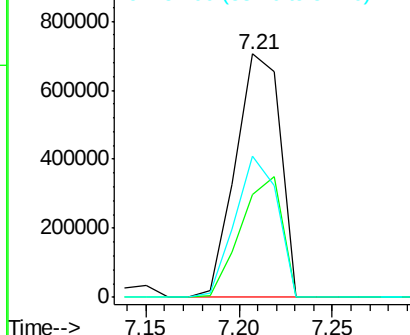
#23
Nitrobenzene-d5
Concen: 99.06 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.06 min
Lab File: BF084957.D
Acq: 9 Feb 2016 17:38

Instrument :
BNA_F
ClientSampleId :
S4-B005(28-30)MS

Tgt Ion: 82 Resp: 1168888
Ion Ratio Lower Upper
82 100
128 42.4 34.6 51.8
54 57.9 38.4 57.6#

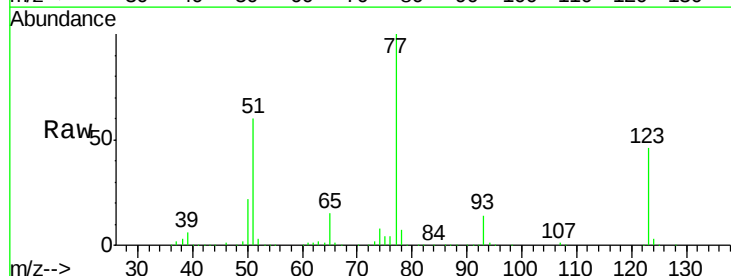


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

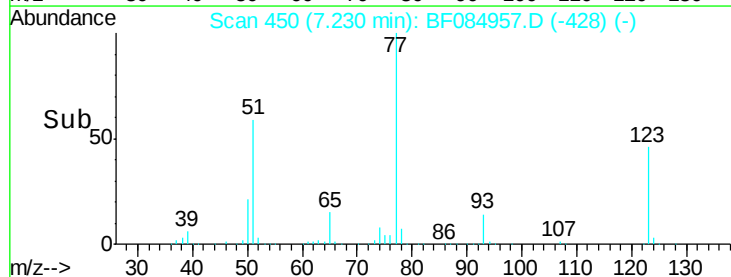
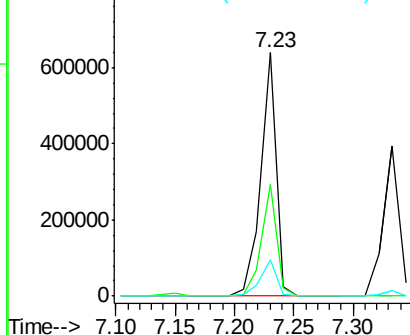


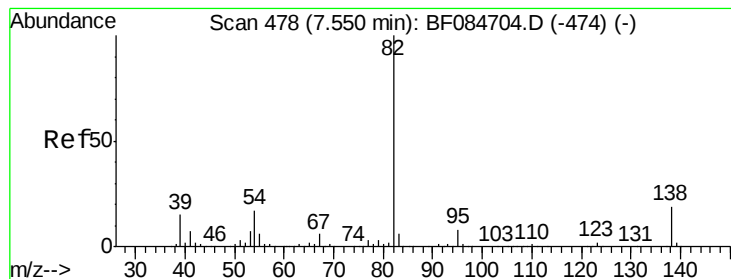
#24
Nitrobenzene
Concen: 46.35 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.05 min
Lab File: BF084957.D
Acq: 9 Feb 2016 17:38

Tgt Ion: 77 Resp: 585591
Ion Ratio Lower Upper
77 100
123 45.7 37.4 56.2
65 15.0 10.9 16.3



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





#25

Isophorone

Concen: 47.03 ng

RT: 7.47 min Scan# 471

Delta R.T. -0.06 min

Lab File: BF084957.D

Acq: 9 Feb 2016 17:38

Instrument :

BNA_F

ClientSampleId :

S4-B005(28-30)MS

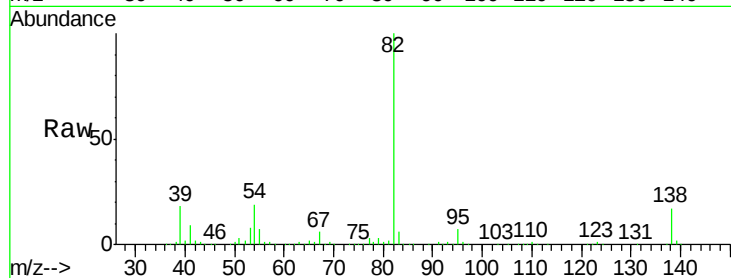
Tgt Ion: 82 Resp: 1079117

Ion Ratio Lower Upper

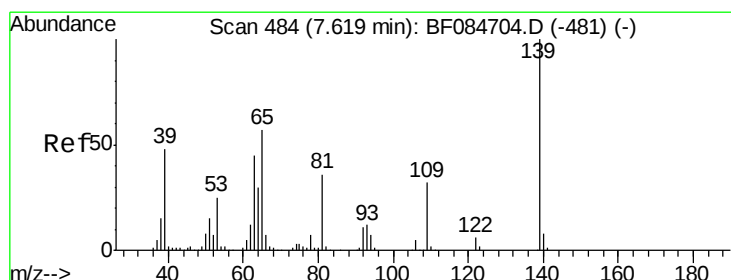
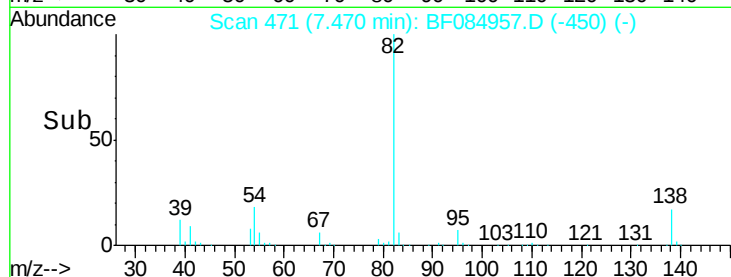
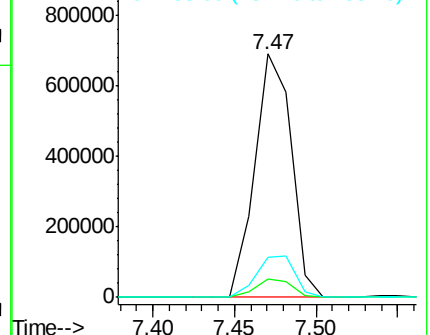
82 100

95 7.3 6.6 10.0

138 16.6 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: 51.89 ng

RT: 7.55 min Scan# 478

Delta R.T. -0.05 min

Lab File: BF084957.D

Acq: 9 Feb 2016 17:38

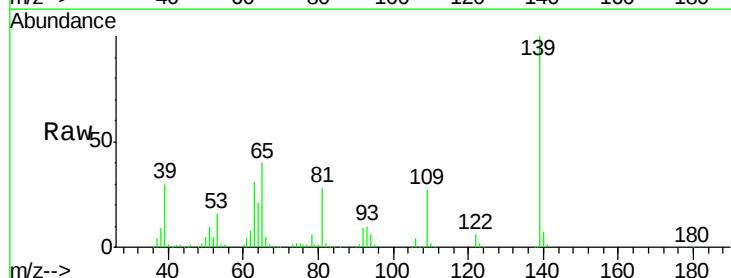
Tgt Ion: 139 Resp: 323355

Ion Ratio Lower Upper

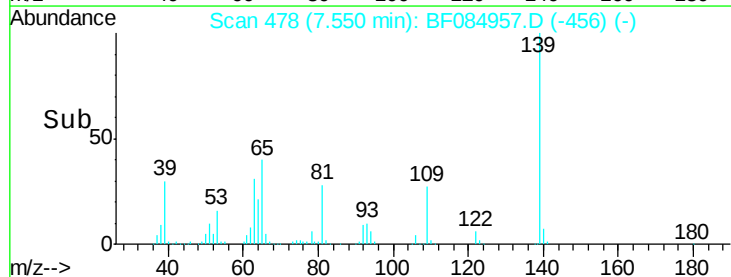
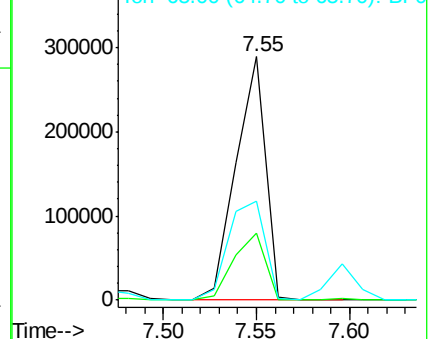
139 100

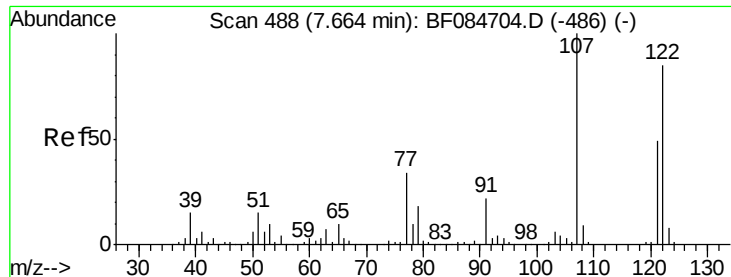
109 27.3 25.4 38.2

65 40.4 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

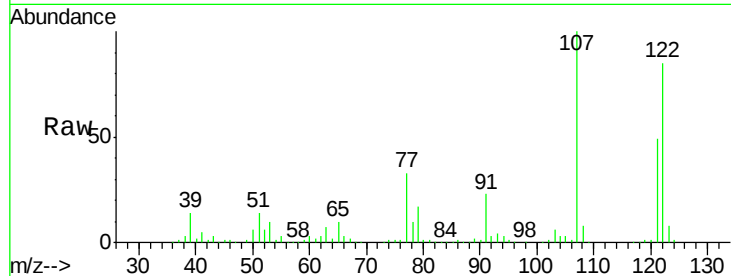




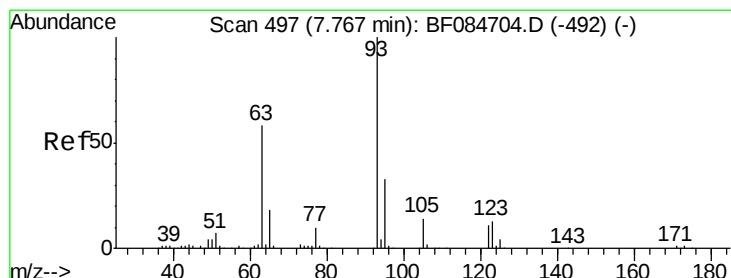
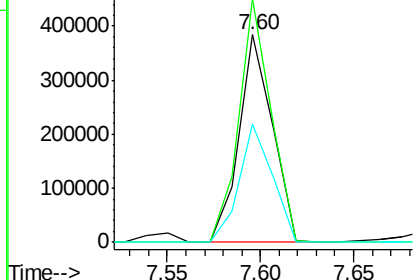
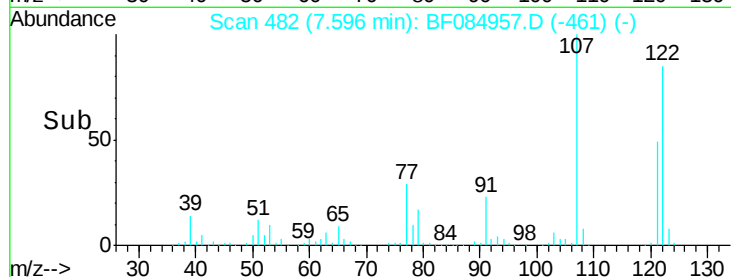
#27
2,4-Dimethylphenol
Concen: 44.17 ng
RT: 7.60 min Scan# 482
Delta R.T. -0.06 min
Lab File: BF084957.D
Acq: 9 Feb 2016 17:38

Instrument :
BNA_F
ClientSampleId :
S4-B005(28-30)MS

Tgt Ion:122 Resp: 478741
Ion Ratio Lower Upper
122 100
107 117.4 99.1 148.7
121 57.0 47.9 71.9

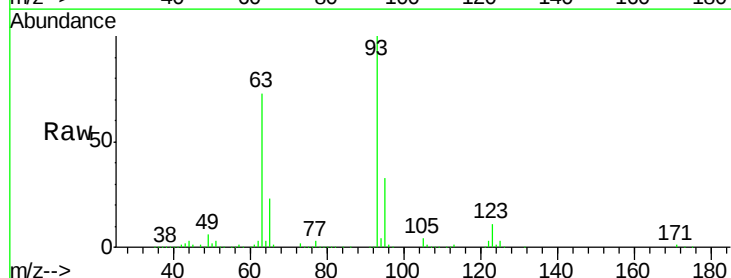


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

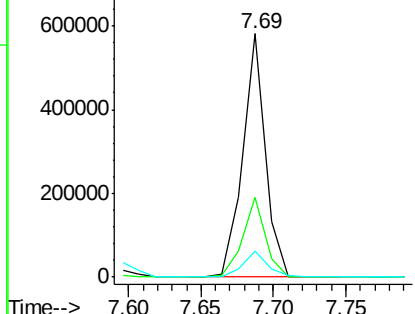
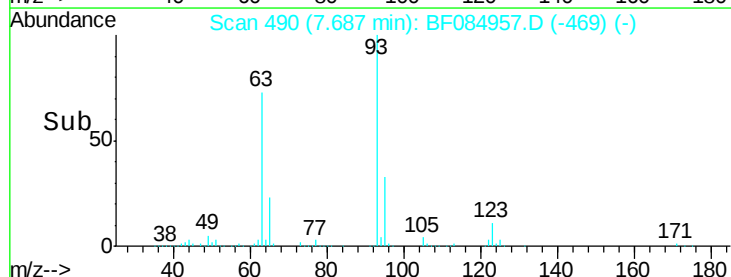


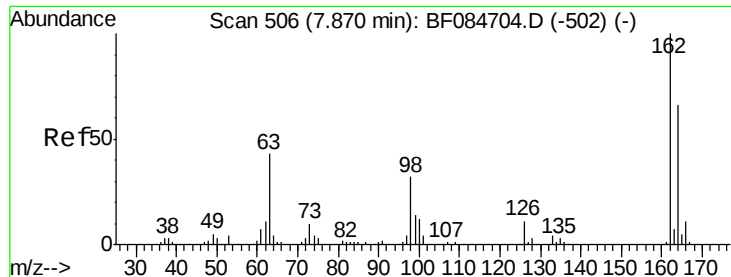
#28
bis(2-Chloroethoxy)methane
Concen: 46.10 ng
RT: 7.69 min Scan# 490
Delta R.T. -0.06 min
Lab File: BF084957.D
Acq: 9 Feb 2016 17:38

Tgt Ion: 93 Resp: 627548
Ion Ratio Lower Upper
93 100
95 32.7 25.8 38.6
123 10.6 8.6 12.8



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

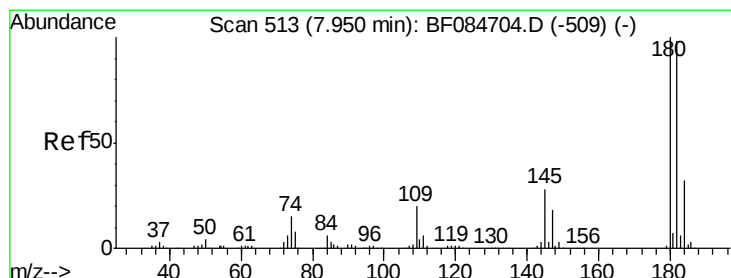
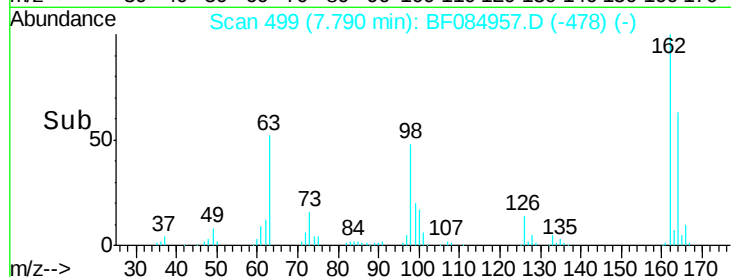
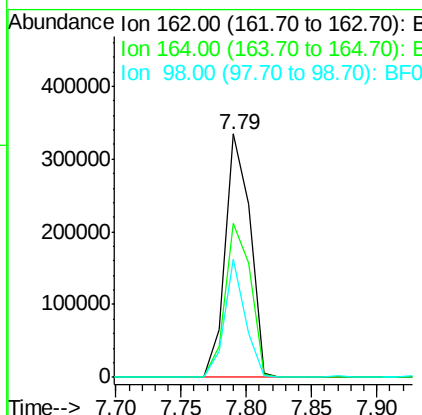
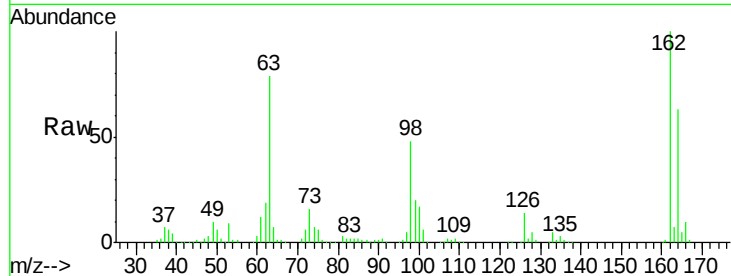




#29
 2,4-Dichlorophenol
 Concen: 47.88 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.06 min
 Lab File: BF084957.D
 Acq: 9 Feb 2016 17:38

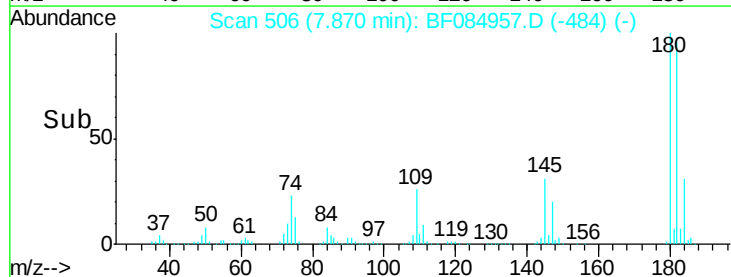
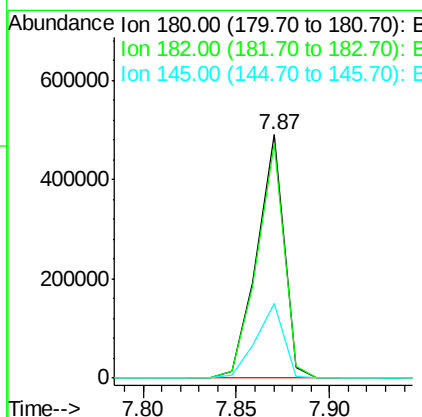
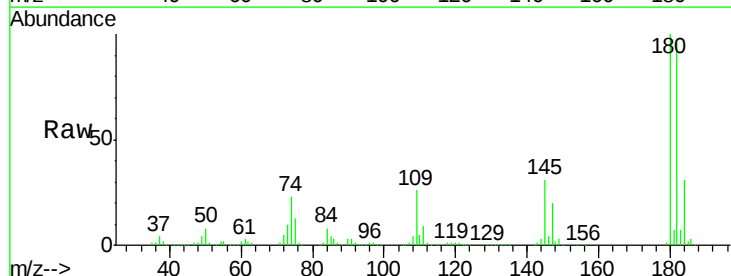
Instrument :
 BNA_F
 ClientSampleId :
 S4-B005(28-30)MS

Tgt Ion:162 Resp: 444042
 Ion Ratio Lower Upper
 162 100
 164 63.2 44.1 84.1
 98 48.3 20.2 60.2



#30
 1,2,4-Trichlorobenzene
 Concen: 47.15 ng
 RT: 7.87 min Scan# 506
 Delta R.T. -0.05 min
 Lab File: BF084957.D
 Acq: 9 Feb 2016 17:38

Tgt Ion:180 Resp: 493962
 Ion Ratio Lower Upper
 180 100
 182 96.1 76.4 114.6
 145 30.7 31.6 47.4#





#31

Naphthalene

Concen: 48.34 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.05 min

Lab File: BF084957.D

Acq: 9 Feb 2016 17:38

Instrument :

BNA_F

ClientSampleId :

S4-B005(28-30)MS

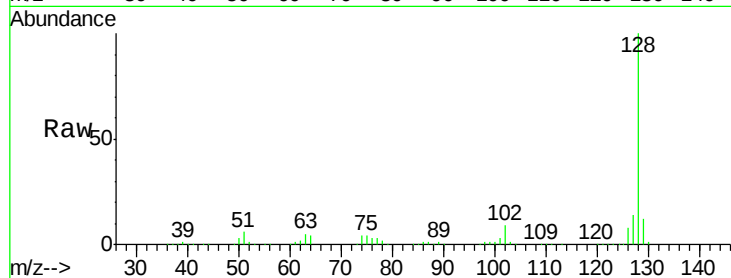
Tgt Ion:128 Resp: 1611772

Ion Ratio Lower Upper

128 100

129 11.5 9.1 13.7

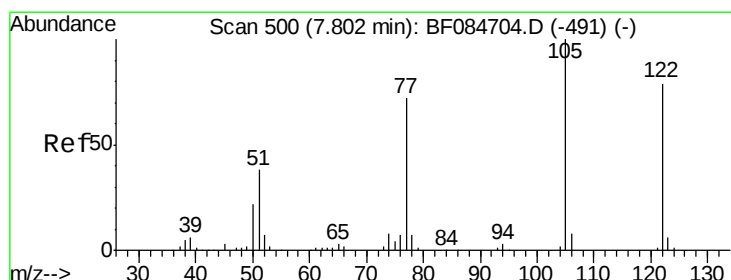
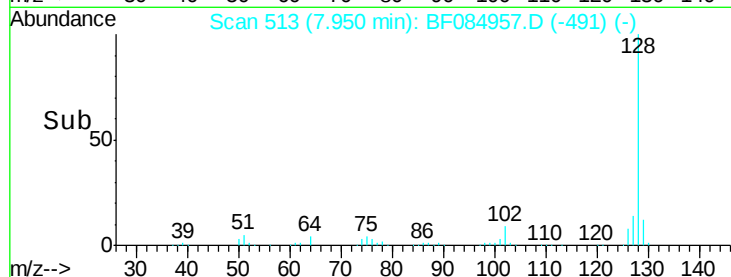
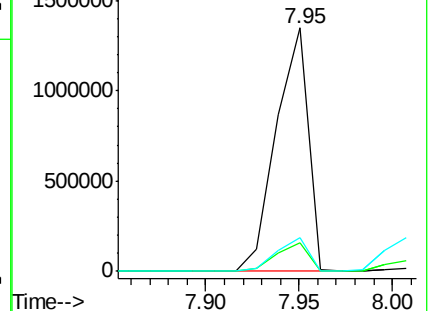
127 13.8 11.1 16.7



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: 11.74 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.08 min

Lab File: BF084957.D

Acq: 9 Feb 2016 17:38

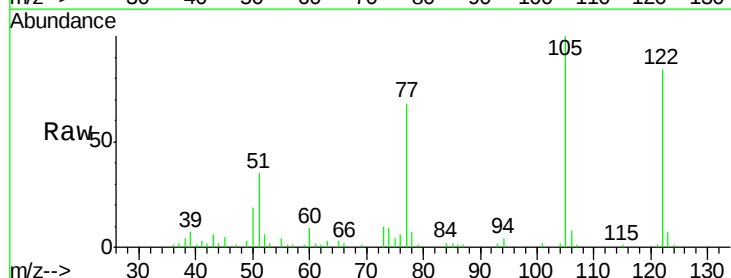
Tgt Ion:122 Resp: 81428

Ion Ratio Lower Upper

122 100

105 119.2 100.3 140.3

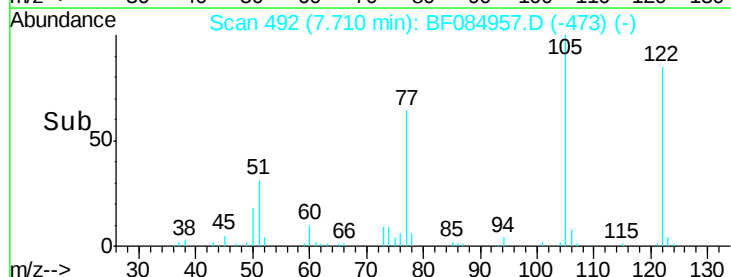
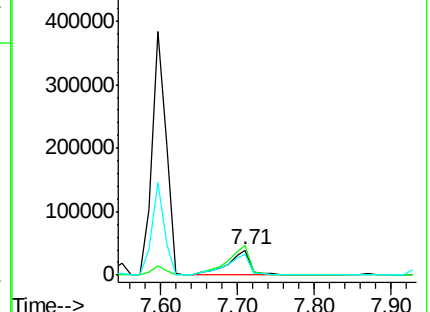
77 80.8 63.5 103.5

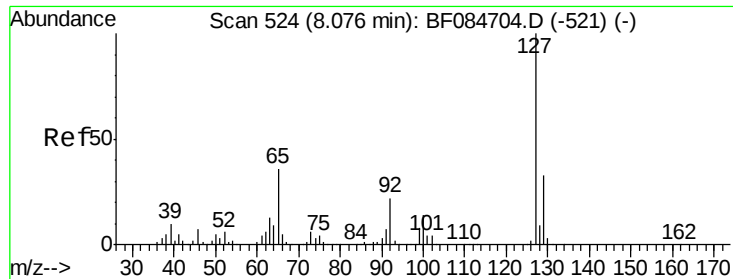


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

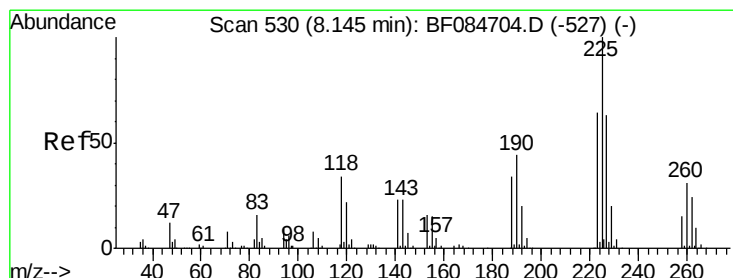
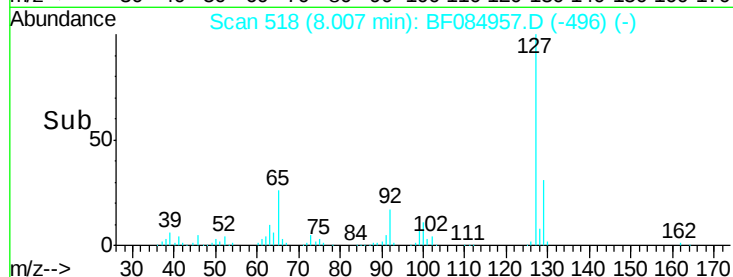
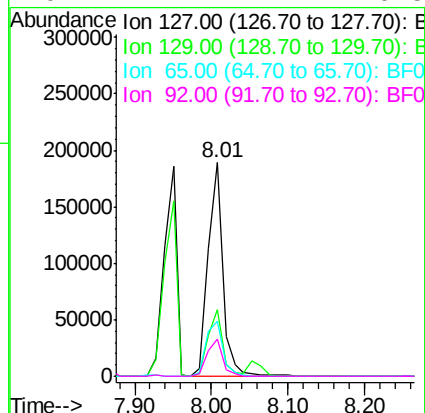
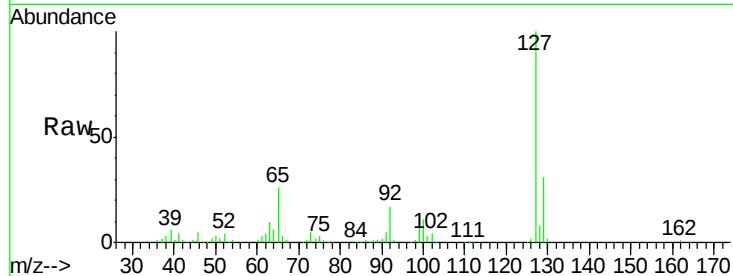




#33
4-Chloroaniline
Concen: 18.24 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.05 min
Lab File: BF084957.D
Acq: 9 Feb 2016 17:38

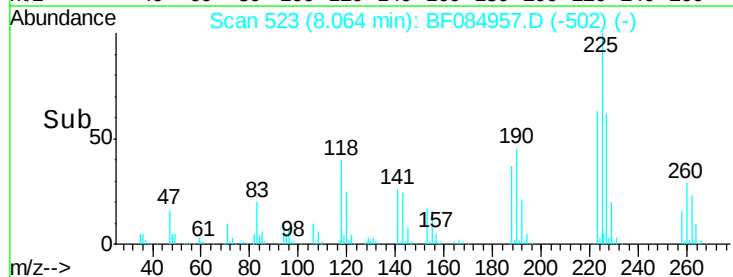
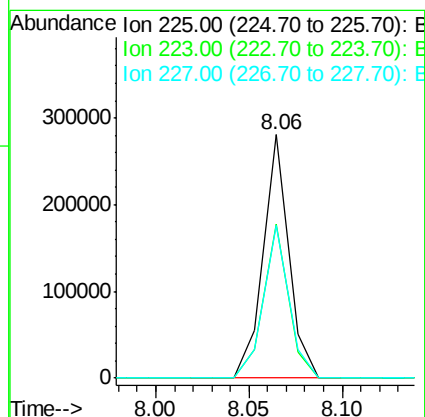
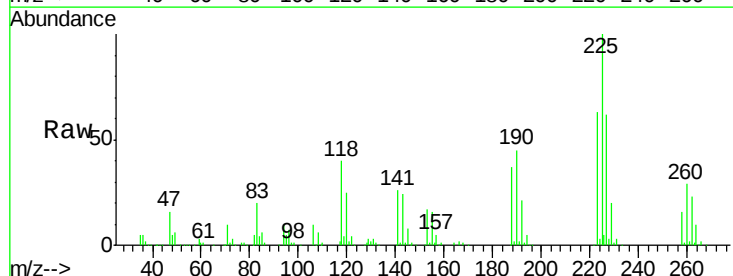
Instrument :
BNA_F
ClientSampleId :
S4-B005(28-30)MS

Tgt Ion:	127	Resp:	251446
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.5	39.7
65	25.5	27.2	40.8#
92	17.2	17.7	26.5#



#34
Hexachlorobutadiene
Concen: 43.88 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.06 min
Lab File: BF084957.D
Acq: 9 Feb 2016 17:38

Tgt Ion:	225	Resp:	265046
Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.4	74.0
227	62.5	50.8	76.2





#35

Caprolactam

Concen: 32.40 ng

RT: 8.40 min Scan# 552

Delta R.T. -0.05 min

Lab File: BF084957.D

Acq: 9 Feb 2016 17:38

Instrument :

BNA_F

ClientSampleId :

S4-B005(28-30)MS

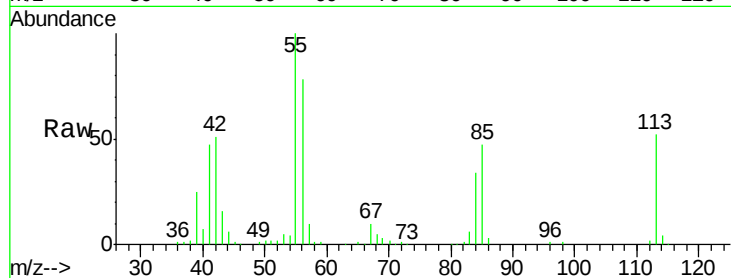
Tgt Ion:113 Resp: 92626

Ion Ratio Lower Upper

113 100

55 191.7 116.9 156.9#

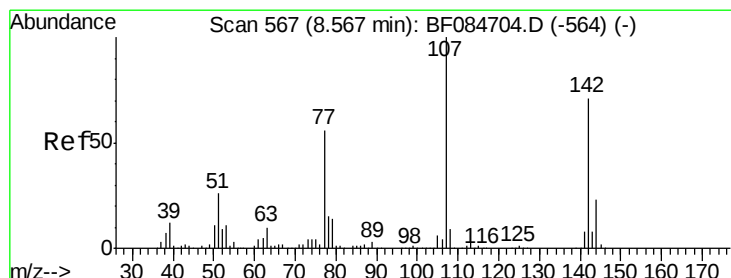
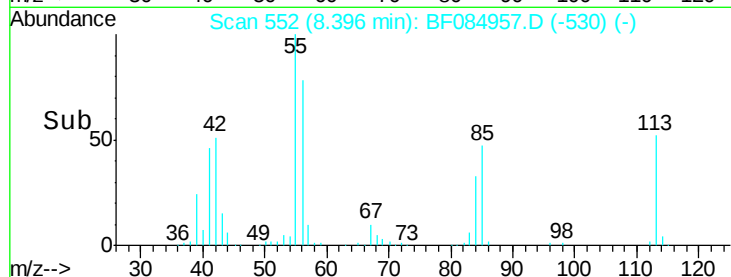
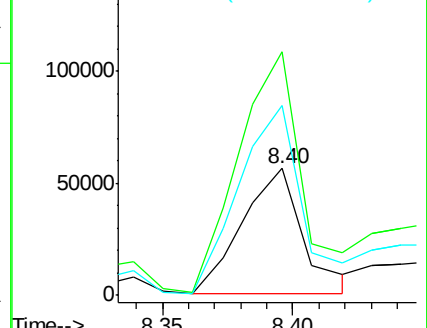
56 149.5 93.8 133.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 53.10 ng

RT: 8.51 min Scan# 562

Delta R.T. -0.03 min

Lab File: BF084957.D

Acq: 9 Feb 2016 17:38

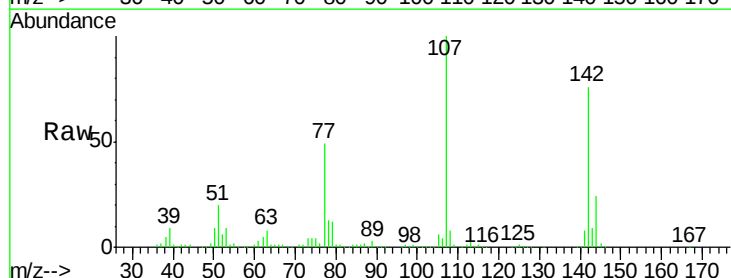
Tgt Ion:107 Resp: 561859

Ion Ratio Lower Upper

107 100

144 24.3 19.7 29.5

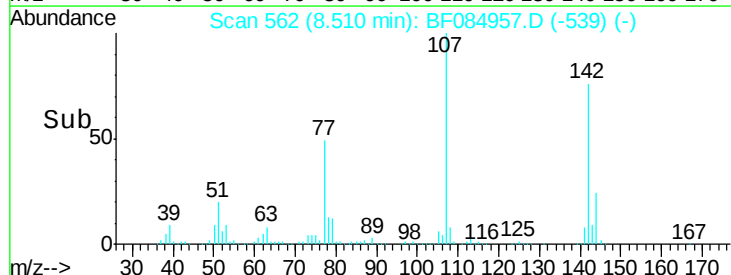
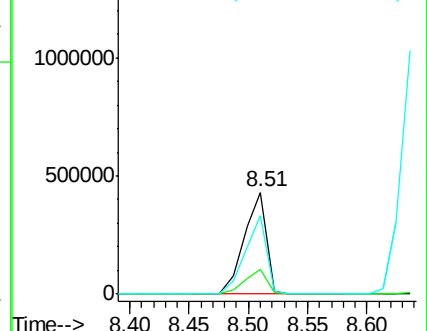
142 76.5 61.8 92.6

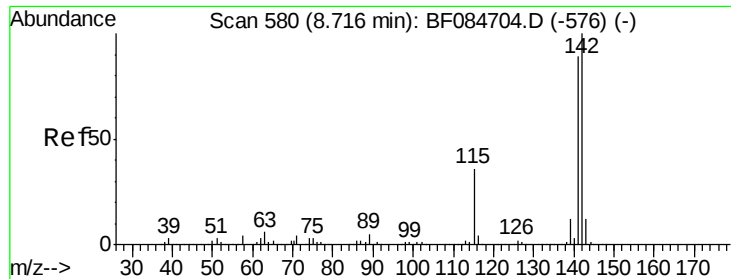


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

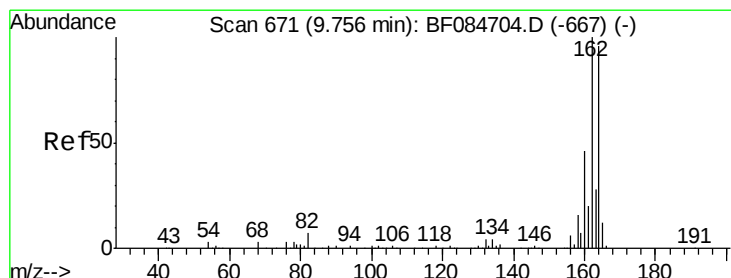
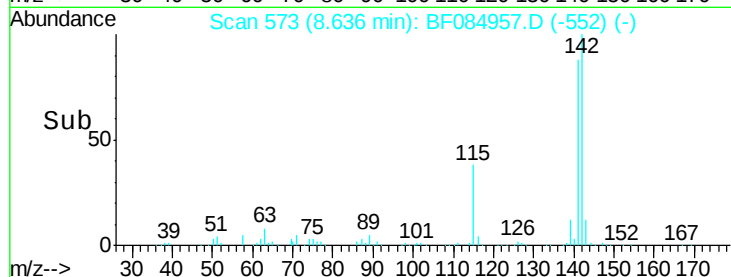
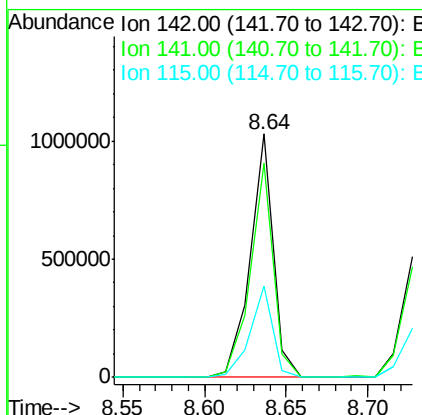
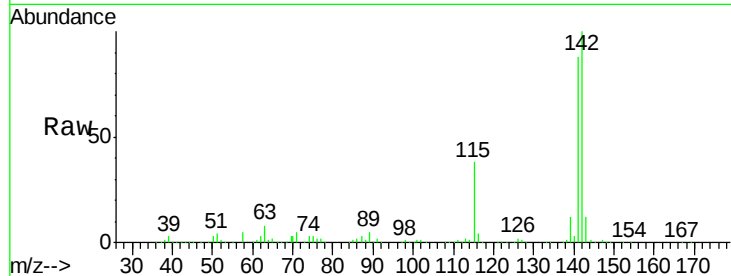




#37
2-Methylnaphthalene
Concen: 48.43 ng
RT: 8.64 min Scan# 573
Delta R.T. -0.06 min
Lab File: BF084957.D
Acq: 9 Feb 2016 17:38

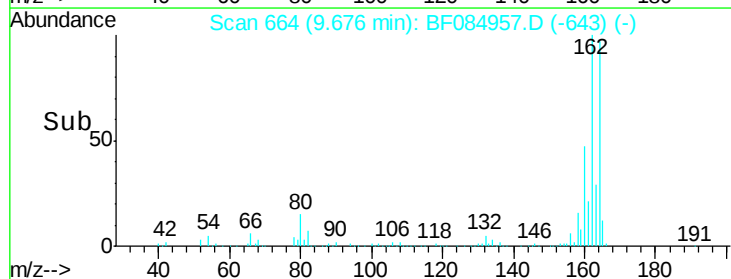
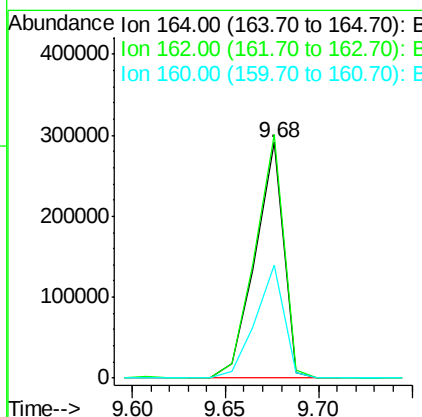
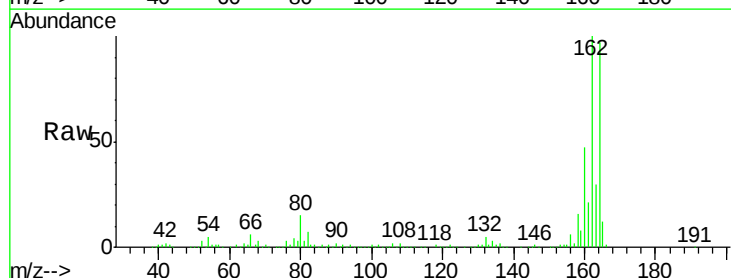
Instrument :
BNA_F
ClientSampleId :
S4-B005(28-30)MS

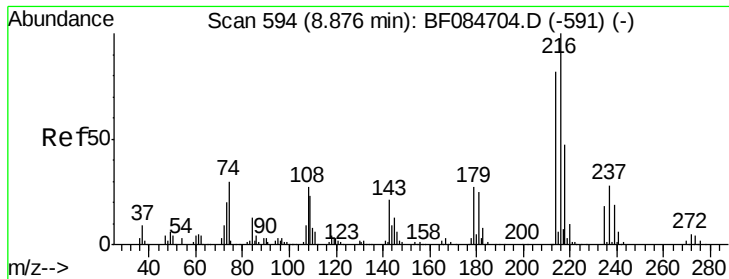
Tgt Ion:142 Resp: 1010664
Ion Ratio Lower Upper
142 100
141 87.8 72.4 108.6
115 37.8 27.9 41.9



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.06 min
Lab File: BF084957.D
Acq: 9 Feb 2016 17:38

Tgt Ion:164 Resp: 307258
Ion Ratio Lower Upper
164 100
162 103.4 85.1 127.7
160 48.2 37.5 56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.39 ng

RT: 8.81 min Scan# 588

Delta R.T. -0.05 min

Lab File: BF084957.D

Acq: 9 Feb 2016 17:38

Instrument :

BNA_F

ClientSampleId :

S4-B005(28-30)MS

Tgt Ion:216 Resp: 462471

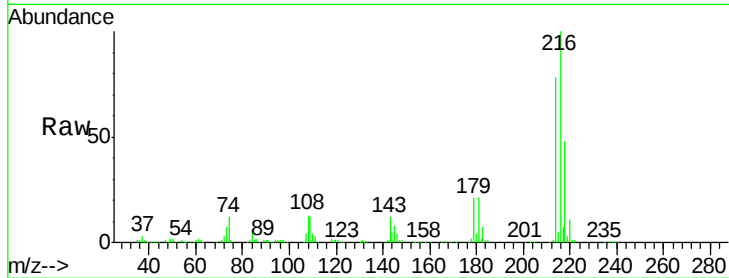
Ion Ratio Lower Upper

216 100

214 79.2 64.2 96.2

179 23.3 18.7 28.1

108 20.9 16.8 25.2

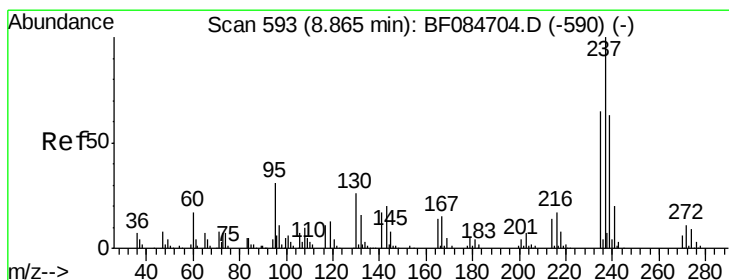
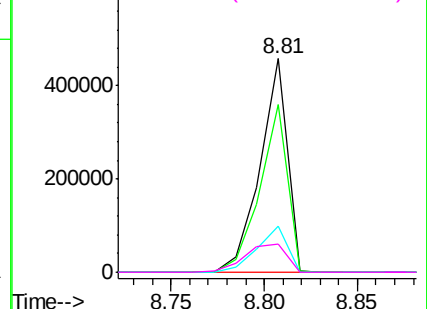
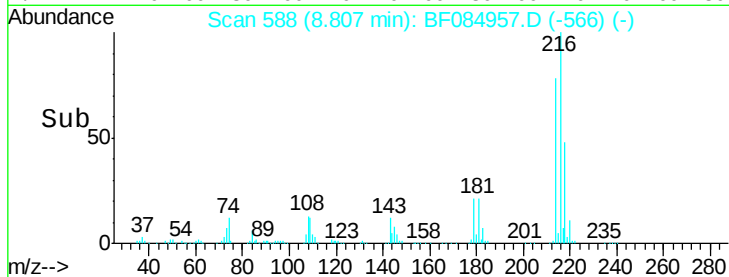


Abundance Ion 216.00 (215.70 to 216.70): E

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: 82.72 ng

RT: 8.80 min Scan# 587

Delta R.T. -0.05 min

Lab File: BF084957.D

Acq: 9 Feb 2016 17:38

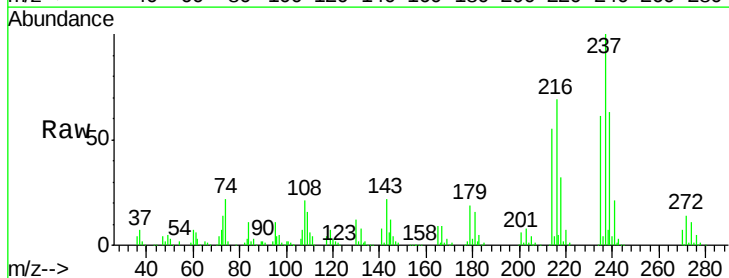
Tgt Ion:237 Resp: 361316

Ion Ratio Lower Upper

237 100

235 61.4 43.1 83.1

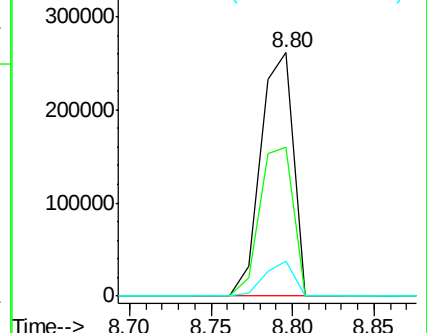
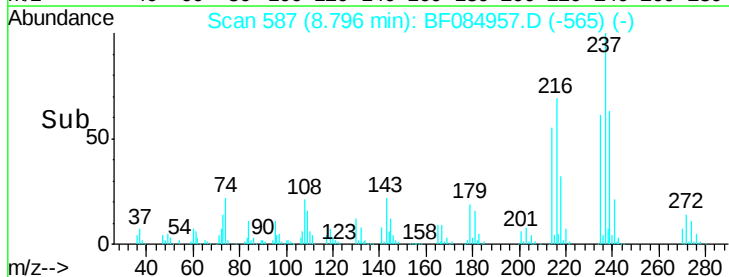
272 14.3 0.0 35.1

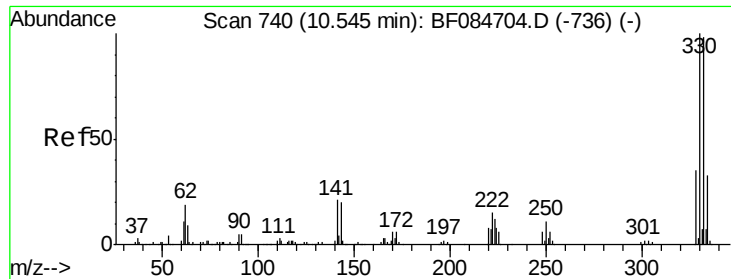


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

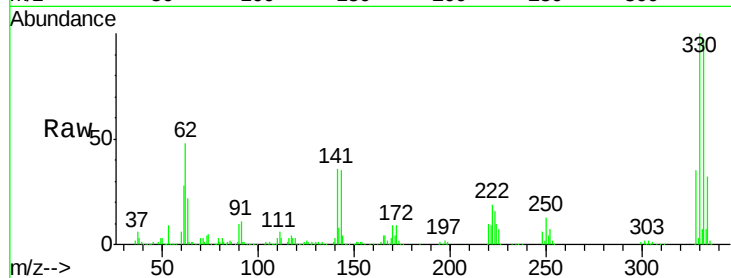




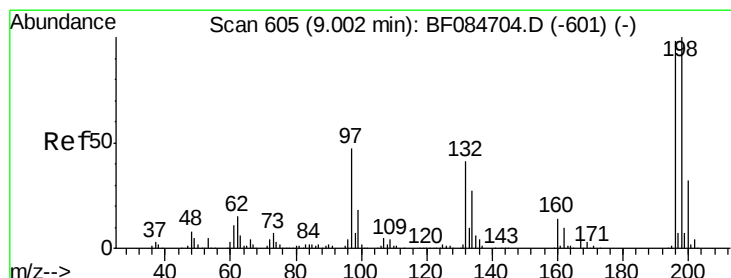
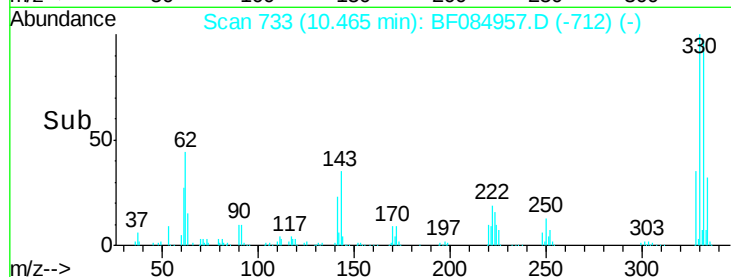
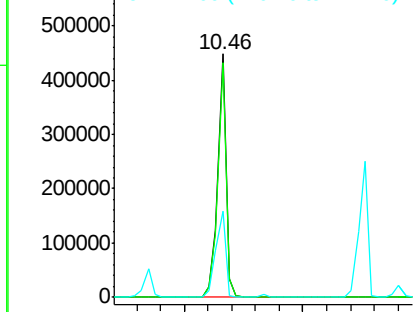
#41
 2,4,6-Tribromophenol
 Concen: 136.63 ng
 RT: 10.46 min Scan# 733
 Delta R.T. -0.06 min
 Lab File: BF084957.D
 Acq: 9 Feb 2016 17:38

Instrument :
 BNA_F
 ClientSampleId :
 S4-B005(28-30)MS

Tgt Ion:330 Resp: 437879
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 114.8
 141 41.6 27.8 41.6

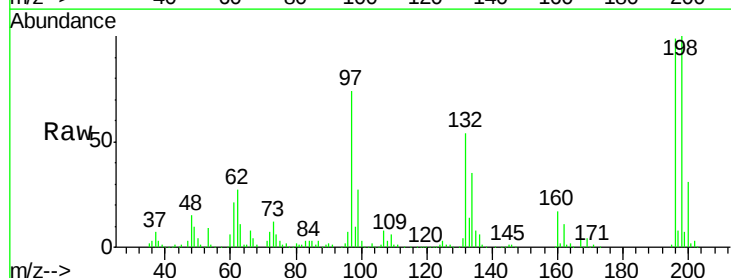


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

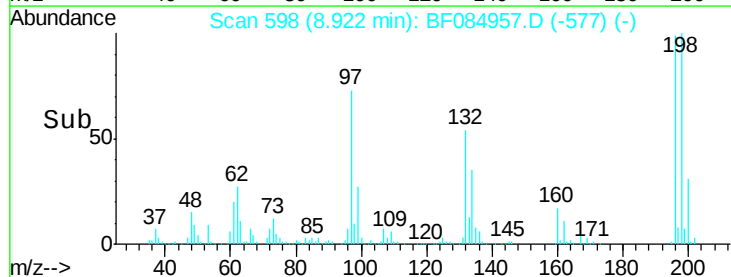
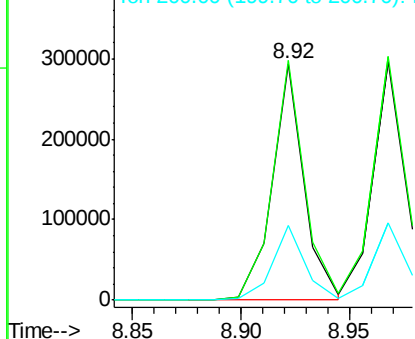


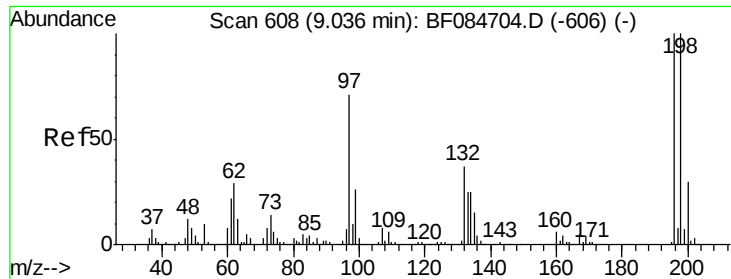
#42
 2,4,6-Trichlorophenol
 Concen: 48.19 ng
 RT: 8.92 min Scan# 598
 Delta R.T. -0.06 min
 Lab File: BF084957.D
 Acq: 9 Feb 2016 17:38

Tgt Ion:196 Resp: 302941
 Ion Ratio Lower Upper
 196 100
 198 101.4 77.7 116.5
 200 31.4 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

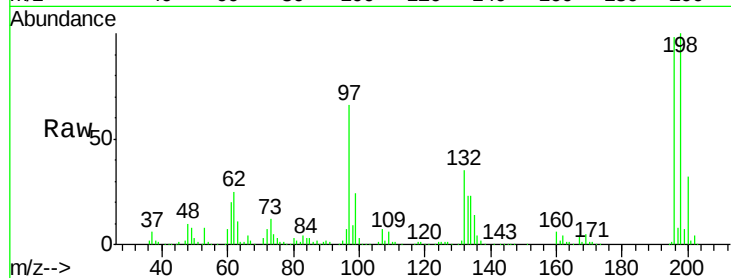




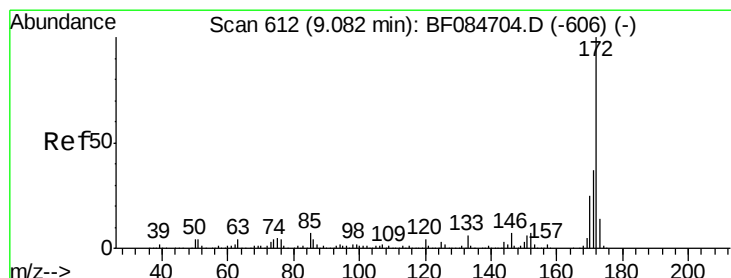
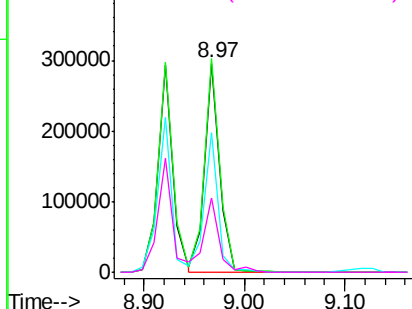
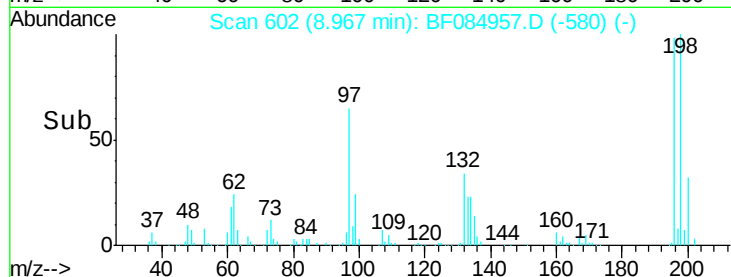
#43
 2,4,5-Trichlorophenol
 Concen: 48.17 ng
 RT: 8.97 min Scan# 602
 Delta R.T. -0.05 min
 Lab File: BF084957.D
 Acq: 9 Feb 2016 17:38

Instrument :
 BNA_F
 ClientSampleId :
 S4-B005(28-30)MS

Tgt Ion:196 Resp: 307726
 Ion Ratio Lower Upper
 196 100
 198 102.3 79.0 118.6
 97 67.1 33.0 49.6#
 132 35.5 21.1 31.7#

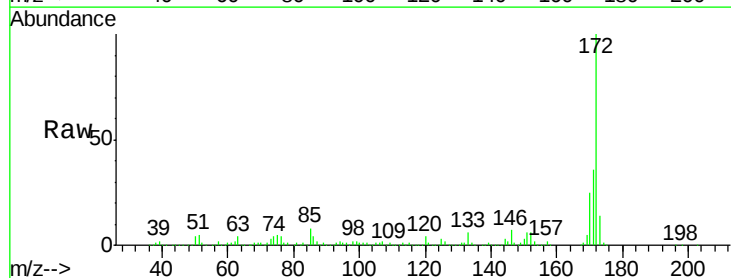


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

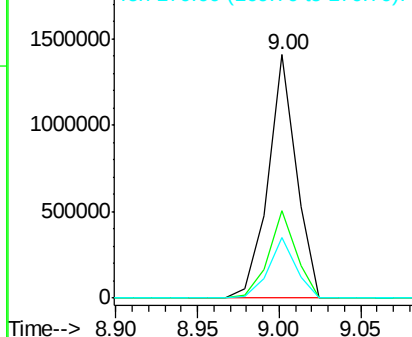
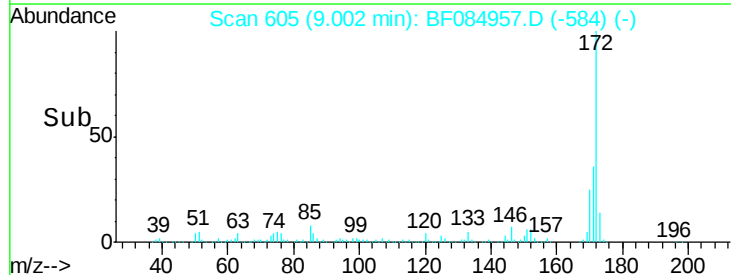


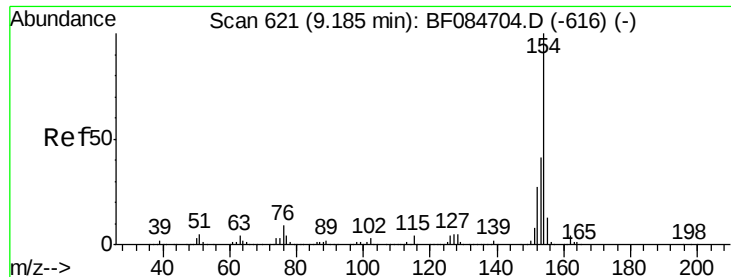
#44
 2-Fluorobiphenyl
 Concen: 97.73 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.06 min
 Lab File: BF084957.D
 Acq: 9 Feb 2016 17:38

Tgt Ion:172 Resp: 1693516
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.9 43.3
 170 24.9 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: 47.58 ng

RT: 9.10 min Scan# 614

Delta R.T. -0.06 min

Lab File: BF084957.D

Acq: 9 Feb 2016 17:38

Instrument :

BNA_F

ClientSampleId :

S4-B005(28-30)MS

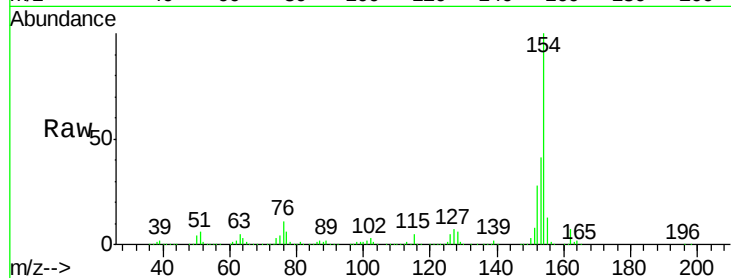
Tgt Ion:154 Resp: 1305813

Ion Ratio Lower Upper

154 100

153 41.0 21.6 61.6

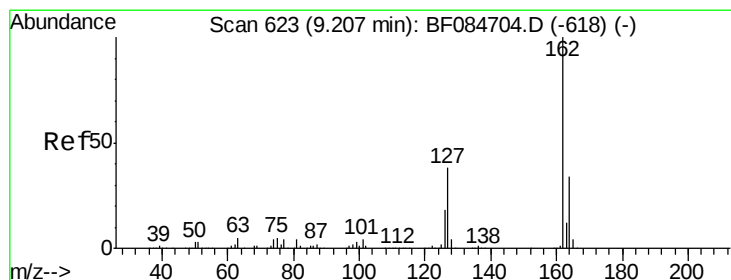
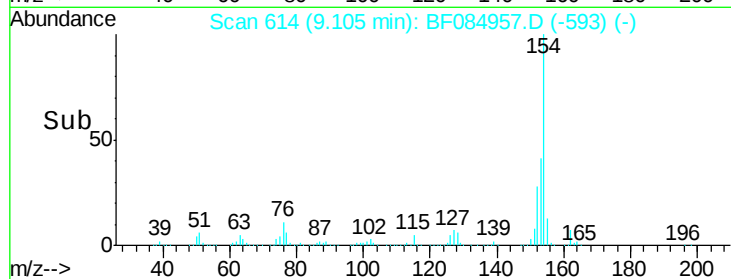
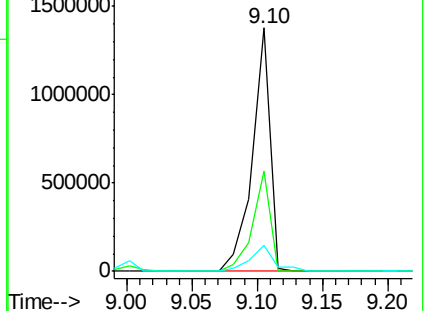
76 10.7 0.0 32.7



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: 49.42 ng

RT: 9.13 min Scan# 616

Delta R.T. -0.05 min

Lab File: BF084957.D

Acq: 9 Feb 2016 17:38

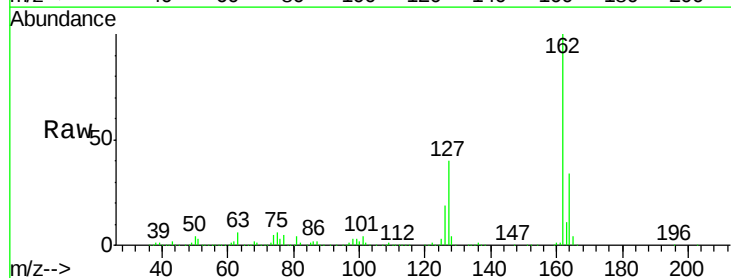
Tgt Ion:162 Resp: 998726

Ion Ratio Lower Upper

162 100

127 39.7 40.2 60.4#

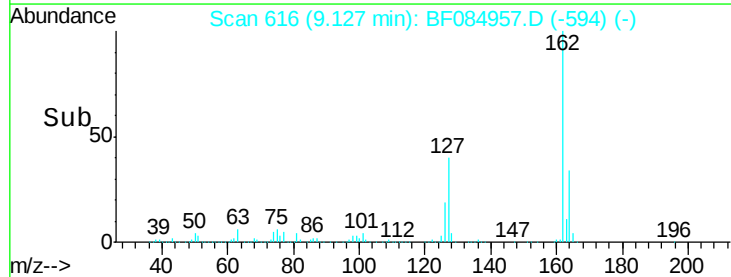
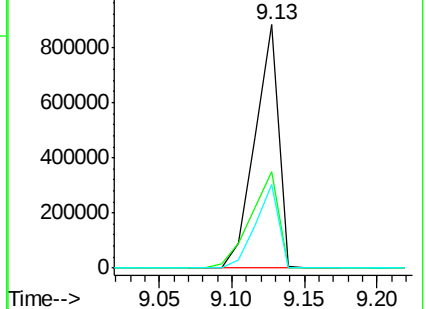
164 34.3 25.7 38.5

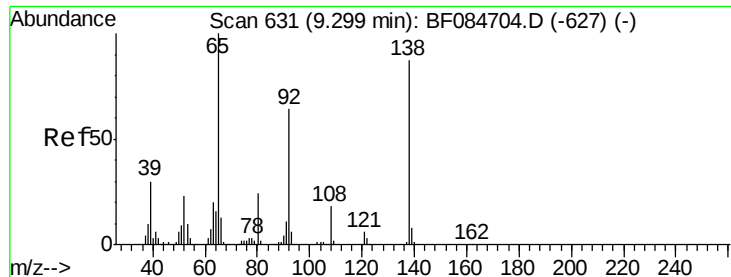


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

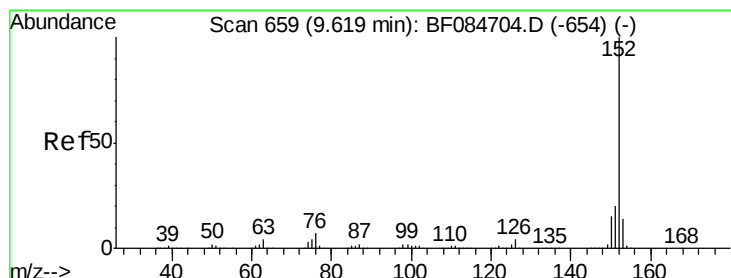
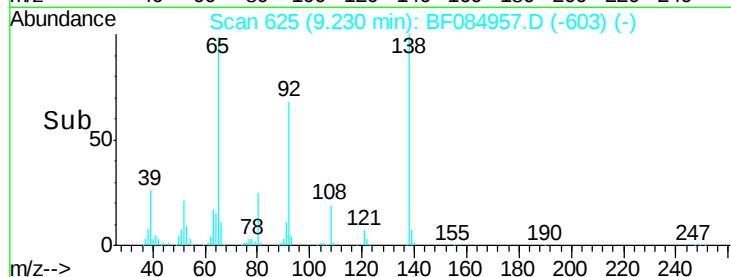
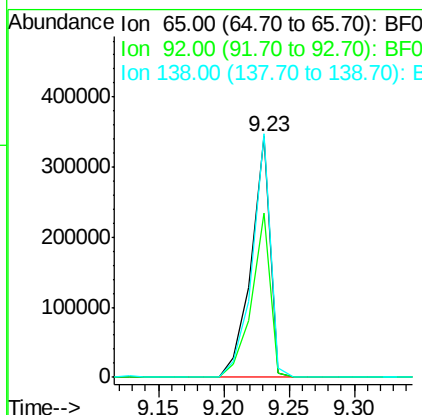
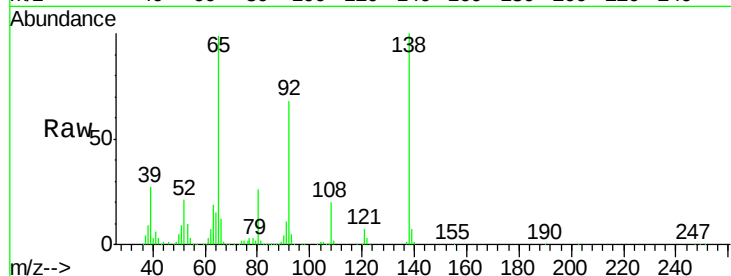




#47
2-Nitroaniline
Concen: 54.54 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.05 min
Lab File: BF084957.D
Acq: 9 Feb 2016 17:38

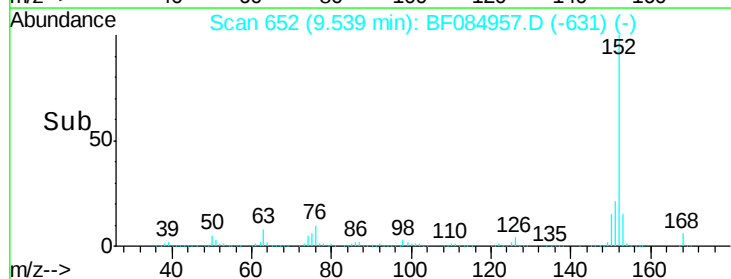
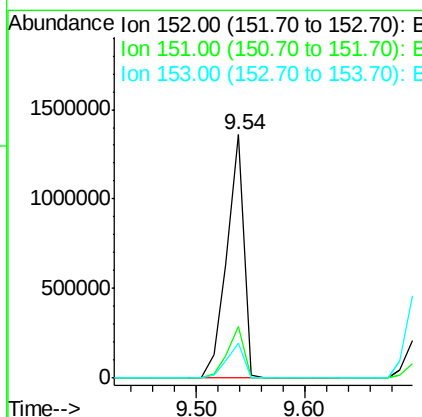
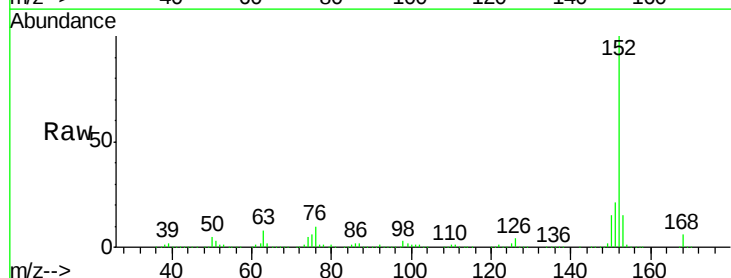
Instrument :
BNA_F
ClientSampleId :
S4-B005(28-30)MS

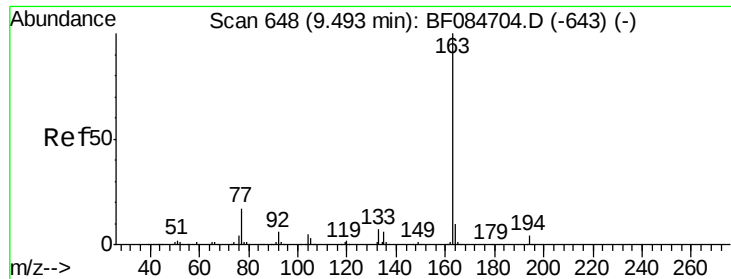
Tgt Ion: 65 Resp: 349021
Ion Ratio Lower Upper
65 100
92 68.4 53.4 80.2
138 101.2 71.1 106.7



#48
Acenaphthylene
Concen: 48.10 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.06 min
Lab File: BF084957.D
Acq: 9 Feb 2016 17:38

Tgt Ion: 152 Resp: 1475291
Ion Ratio Lower Upper
152 100
151 21.0 16.3 24.5
153 14.5 10.4 15.6

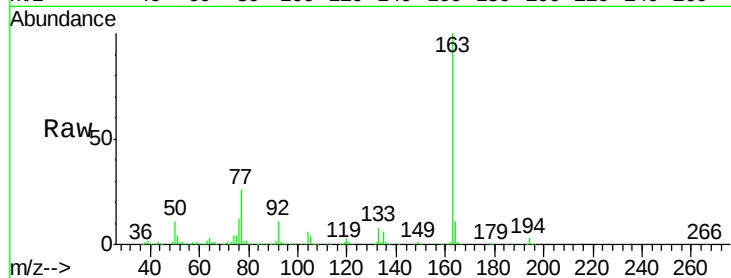




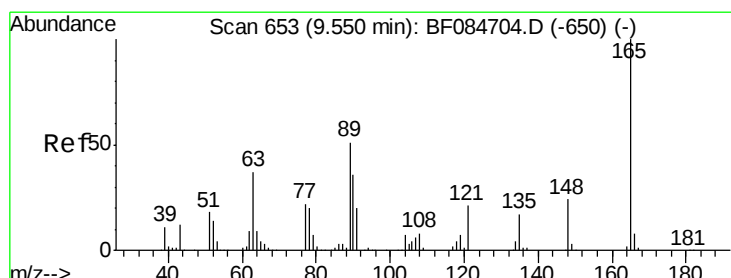
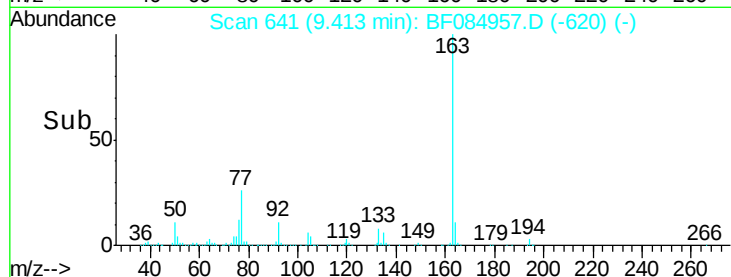
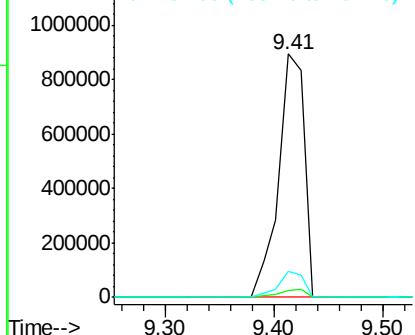
#49
Dimethylphthalate
Concen: 63.02 ng
RT: 9.41 min Scan# 641
Delta R.T. -0.06 min
Lab File: BF084957.D
Acq: 9 Feb 2016 17:38

Instrument :
BNA_F
ClientSampleId :
S4-B005(28-30)MS

Tgt Ion:163 Resp: 1474766
Ion Ratio Lower Upper
163 100
194 3.0 8.0 12.0#
164 10.8 8.0 12.0

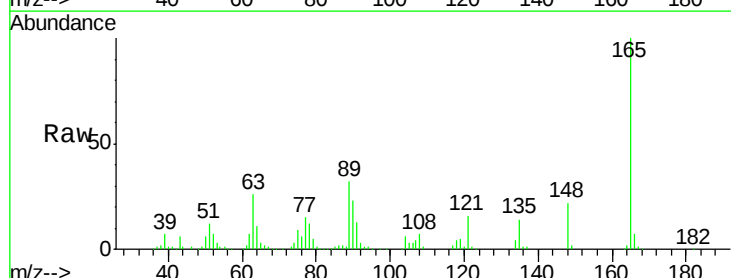


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

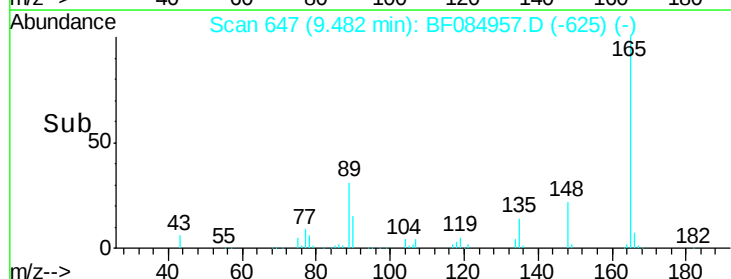
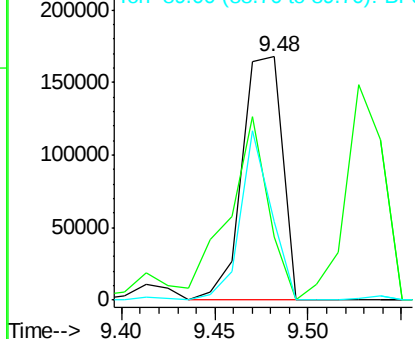


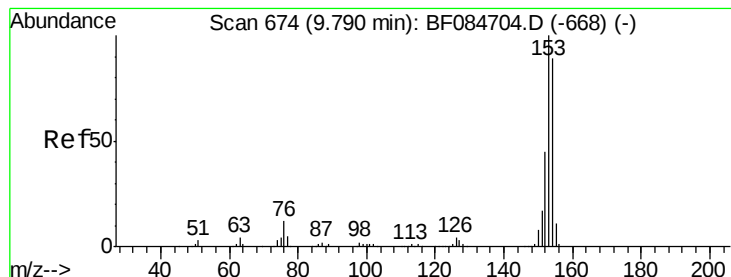
#50
2,6-Dinitrotoluene
Concen: 48.95 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.05 min
Lab File: BF084957.D
Acq: 9 Feb 2016 17:38

Tgt Ion:165 Resp: 250256
Ion Ratio Lower Upper
165 100
63 25.7 28.8 43.2#
89 32.4 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: 48.50 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.06 min

Lab File: BF084957.D

Acq: 9 Feb 2016 17:38

Instrument :

BNA_F

ClientSampleId :

S4-B005(28-30)MS

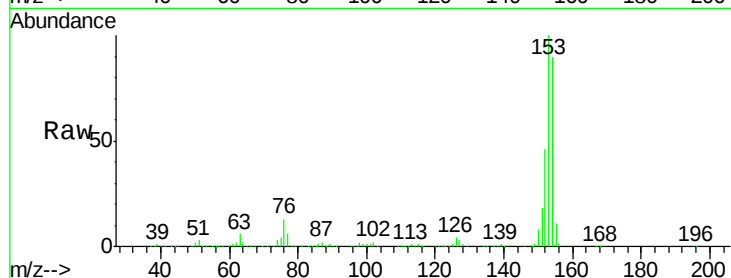
Tgt Ion:154 Resp: 967717

Ion Ratio Lower Upper

154 100

153 110.7 91.5 137.3

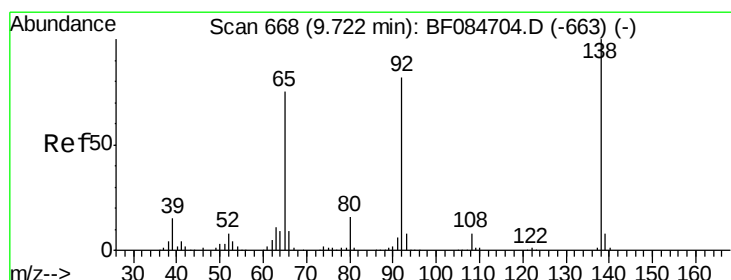
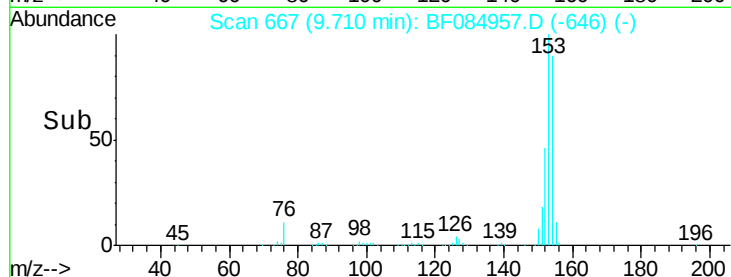
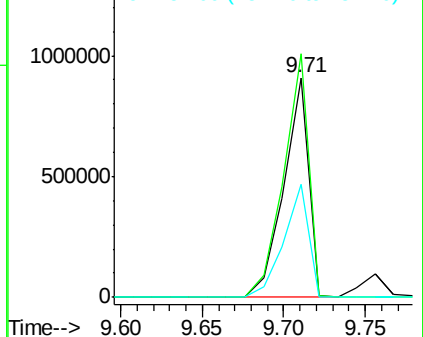
152 51.5 43.0 64.6



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: 31.27 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.06 min

Lab File: BF084957.D

Acq: 9 Feb 2016 17:38

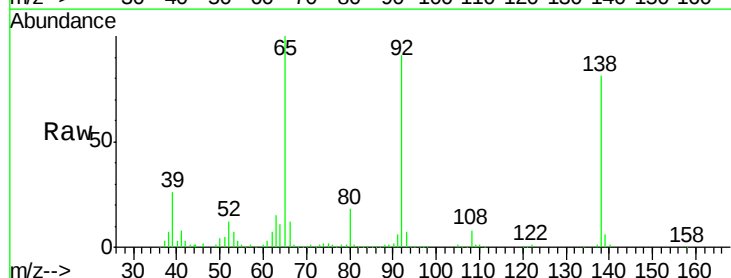
Tgt Ion:138 Resp: 179648

Ion Ratio Lower Upper

138 100

108 10.2 10.5 15.7#

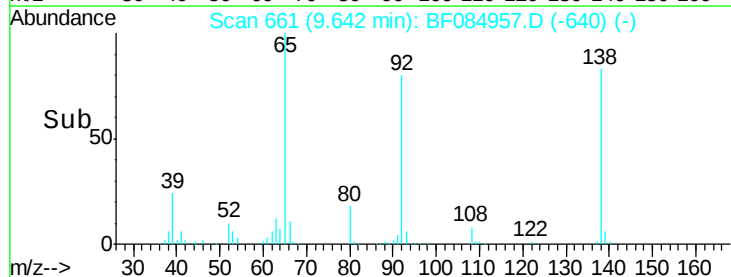
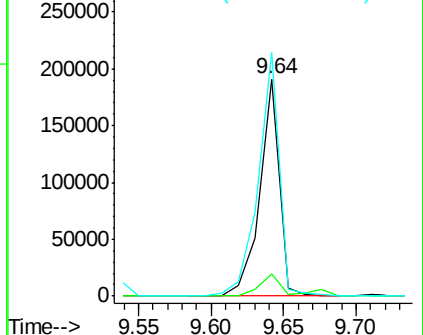
92 112.3 103.9 155.9



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

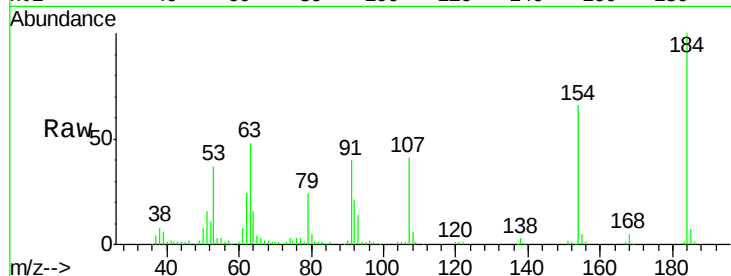




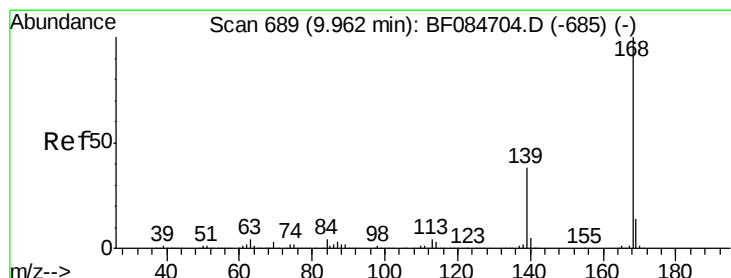
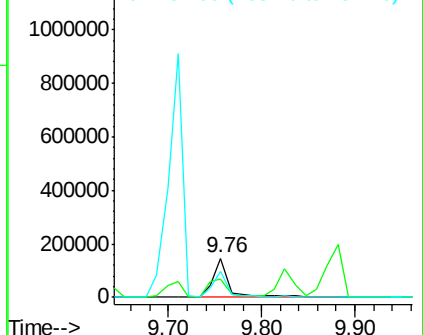
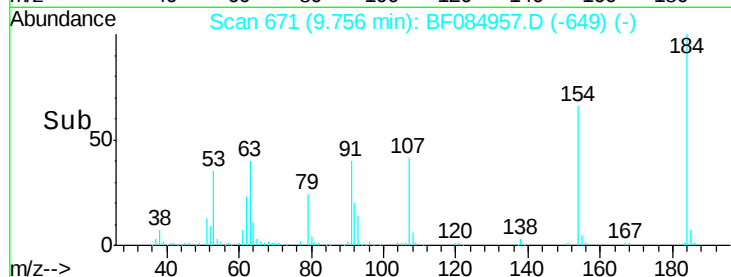
#53
2,4-Dinitrophenol
Concen: 73.97 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.05 min
Lab File: BF084957.D
Acq: 9 Feb 2016 17:38

Instrument :
BNA_F
ClientSampleId :
S4-B005(28-30)MS

Tgt Ion:184 Resp: 173437
Ion Ratio Lower Upper
184 100
63 48.1 43.1 64.7
154 65.9 60.5 90.7

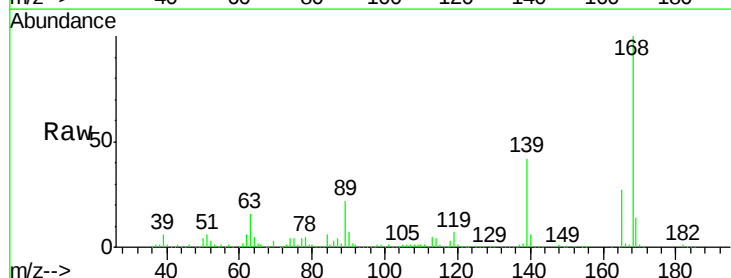


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

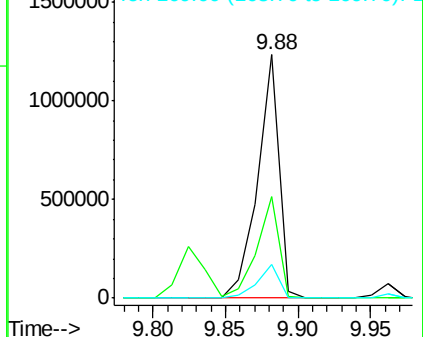
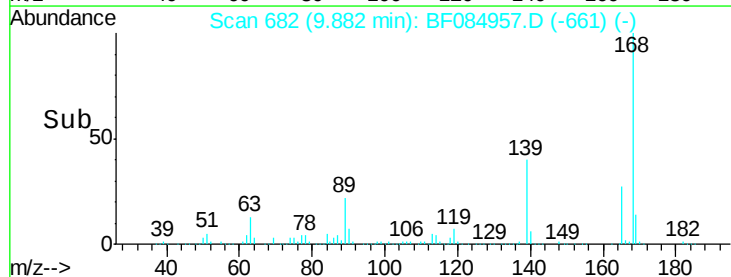


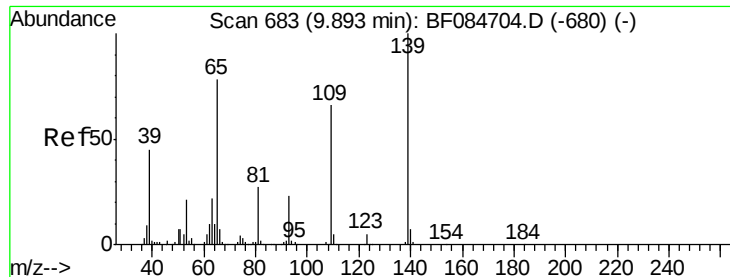
#54
Dibenzofuran
Concen: 51.78 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.06 min
Lab File: BF084957.D
Acq: 9 Feb 2016 17:38

Tgt Ion:168 Resp: 1262716
Ion Ratio Lower Upper
168 100
139 41.5 30.5 45.7
169 13.7 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

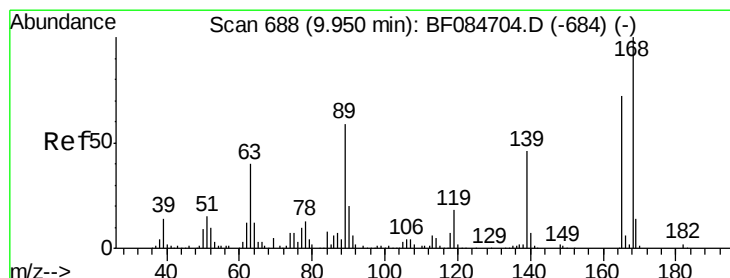
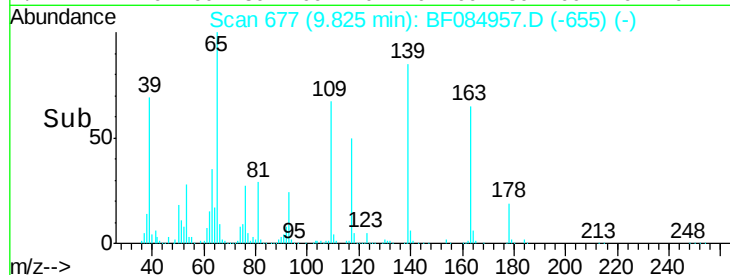
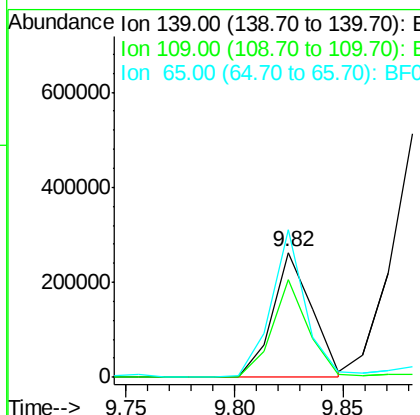
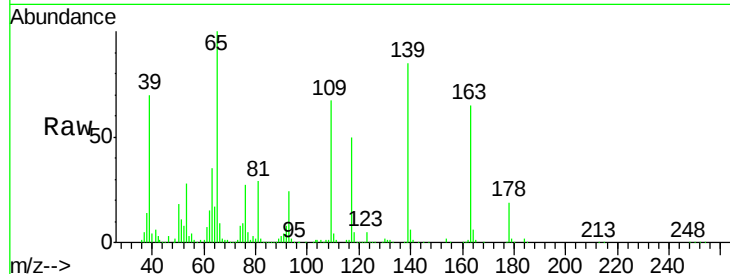




#55
4-Nitrophenol
Concen: 79.04 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.05 min
Lab File: BF084957.D
Acq: 9 Feb 2016 17:38

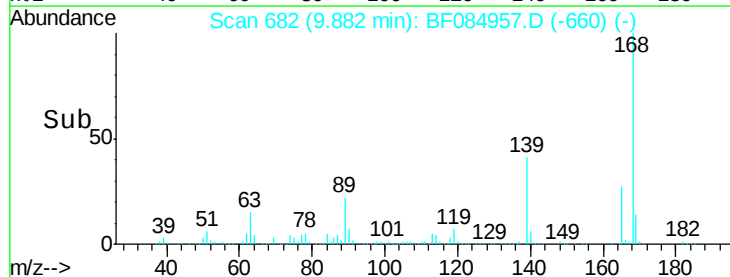
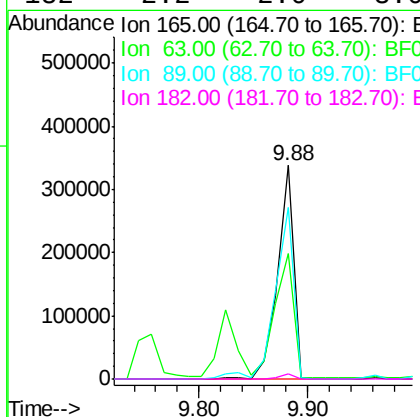
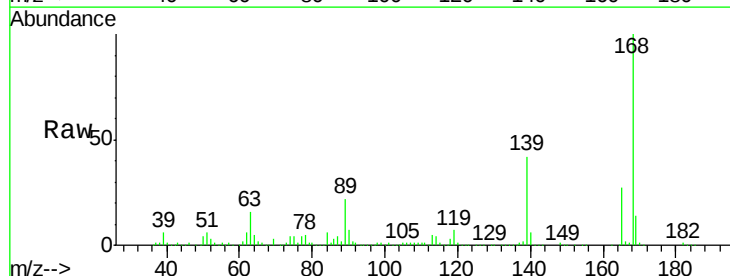
Instrument :
BNA_F
ClientSampleId :
S4-B005(28-30)MS

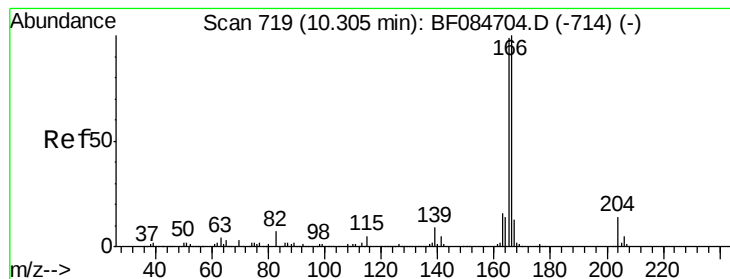
Tgt Ion:139 Resp: 333718
Ion Ratio Lower Upper
139 100
109 78.7 58.5 98.5
65 117.9 57.6 97.6#



#56
2,4-Dinitrotoluene
Concen: 53.29 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.05 min
Lab File: BF084957.D
Acq: 9 Feb 2016 17:38

Tgt Ion:165 Resp: 347483
Ion Ratio Lower Upper
165 100
63 59.0 36.7 55.1#
89 80.1 61.9 92.9
182 2.2 2.0 3.0





#57

Fluorene

Concen: 52.46 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.05 min

Lab File: BF084957.D

Acq: 9 Feb 2016 17:38

Instrument :

BNA_F

ClientSampleId :

S4-B005(28-30)MS

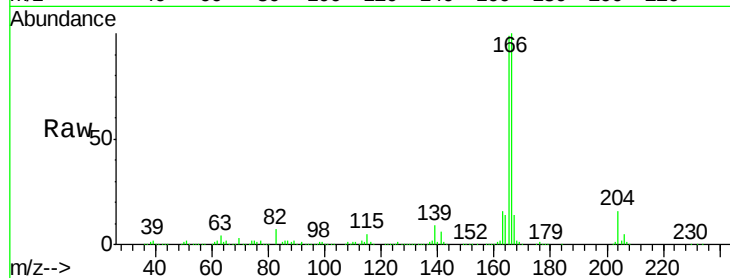
Tgt Ion:166 Resp: 1068345

Ion Ratio Lower Upper

166 100

165 98.9 79.1 118.7

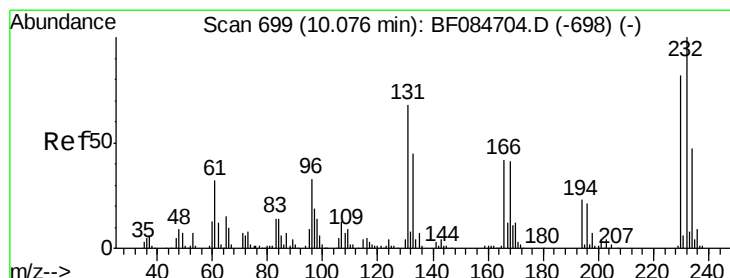
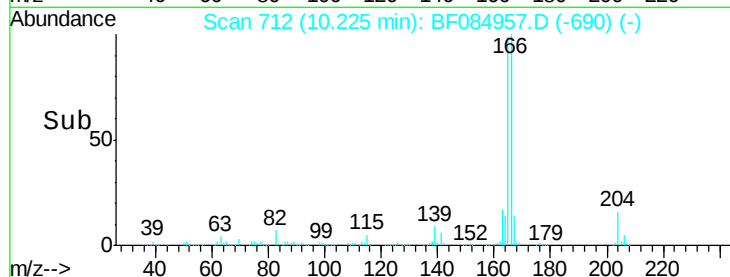
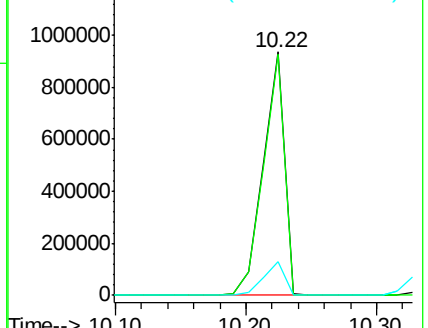
167 13.7 10.4 15.6



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: 56.28 ng

RT: 10.01 min Scan# 693

Delta R.T. -0.05 min

Lab File: BF084957.D

Acq: 9 Feb 2016 17:38

Tgt Ion:232 Resp: 273663

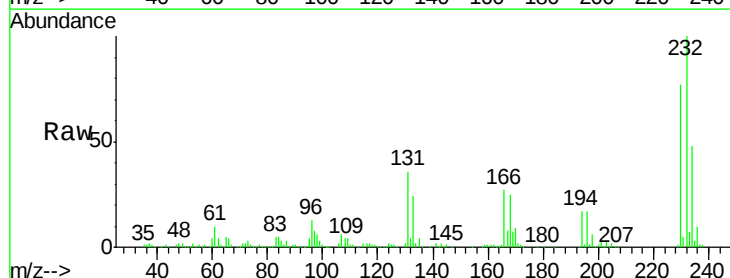
Ion Ratio Lower Upper

232 100

131 46.9 47.0 70.6#

130 2.0 2.0 3.0#

166 30.9 30.5 45.7

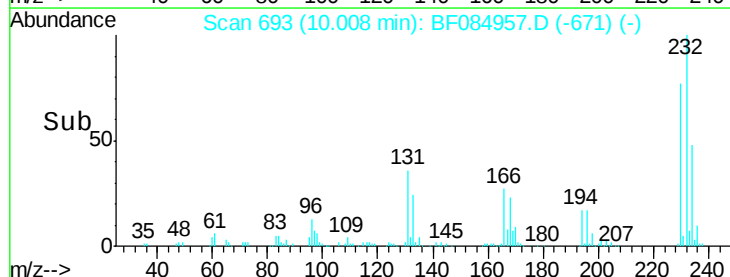
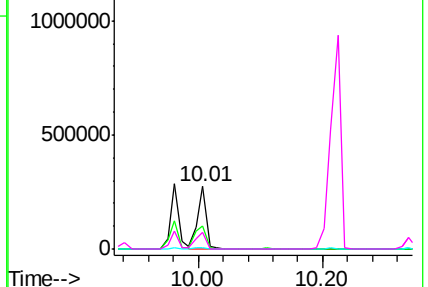


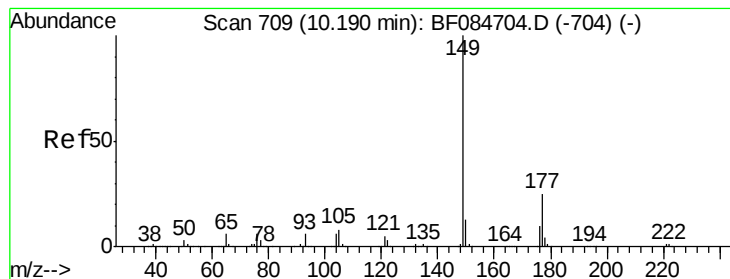
Abundance Ion 232.00 (231.70 to 232.70): E

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: 44.77 ng

RT: 10.11 min Scan# 702

Delta R.T. -0.06 min

Lab File: BF084957.D

Acq: 9 Feb 2016 17:38

Instrument :

BNA_F

ClientSampleId :

S4-B005(28-30)MS

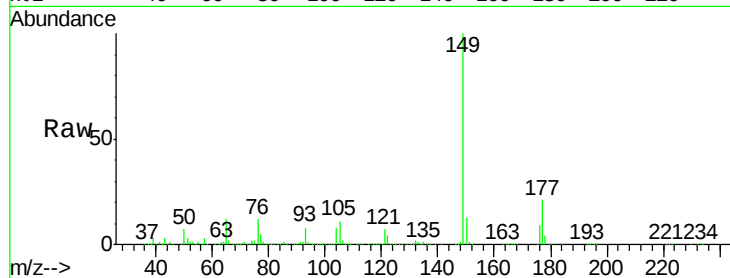
Tgt Ion:149 Resp: 1023088

Ion Ratio Lower Upper

149 100

177 21.5 17.3 25.9

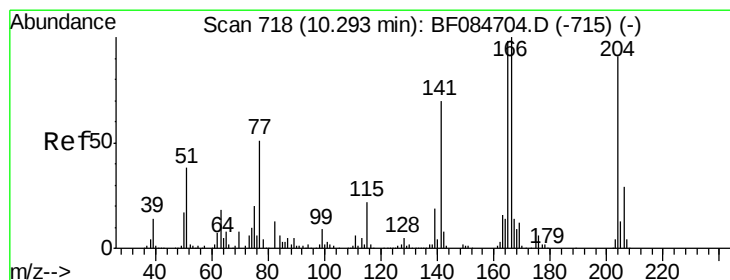
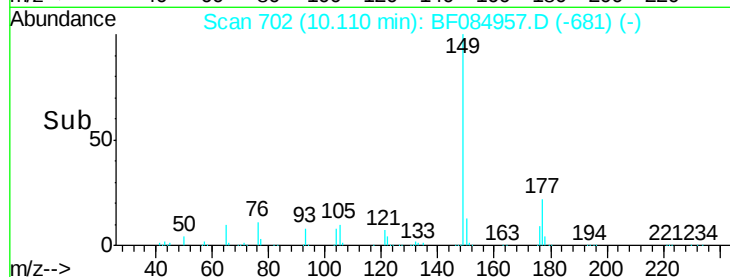
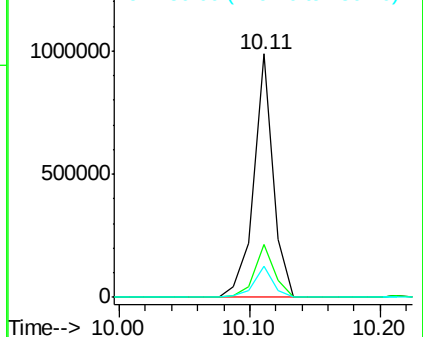
150 12.9 9.8 14.8



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: 47.51 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.06 min

Lab File: BF084957.D

Acq: 9 Feb 2016 17:38

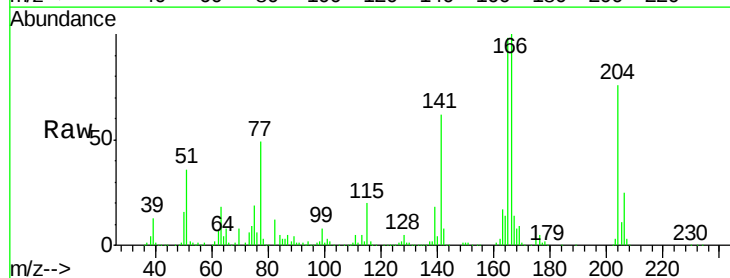
Tgt Ion:204 Resp: 402987

Ion Ratio Lower Upper

204 100

206 32.7 25.7 38.5

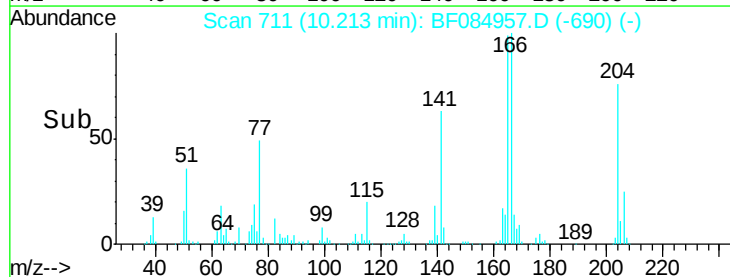
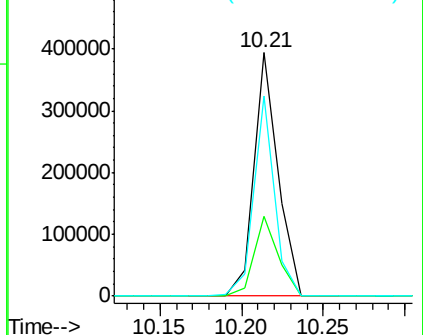
141 82.2 55.1 82.7

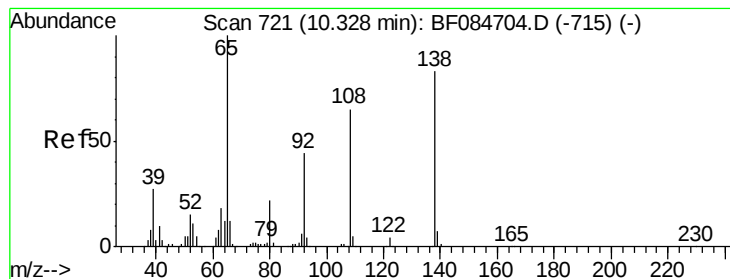


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 46.27 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.05 min

Lab File: BF084957.D

Acq: 9 Feb 2016 17:38

Instrument :

BNA_F

ClientSampleId :

S4-B005(28-30)MS

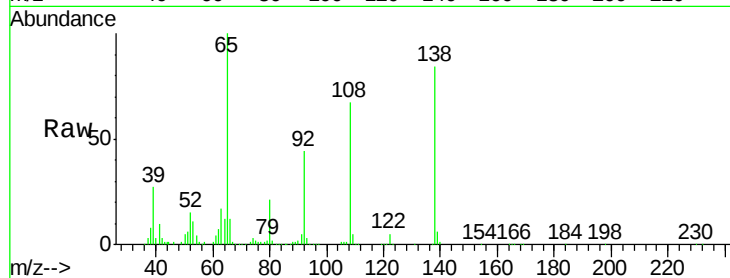
Tgt Ion:138 Resp: 259034

Ion Ratio Lower Upper

138 100

92 52.6 32.6 72.6

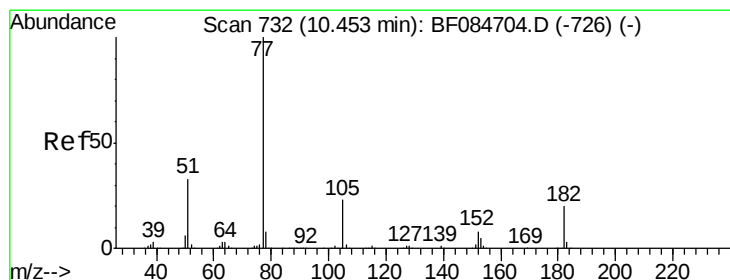
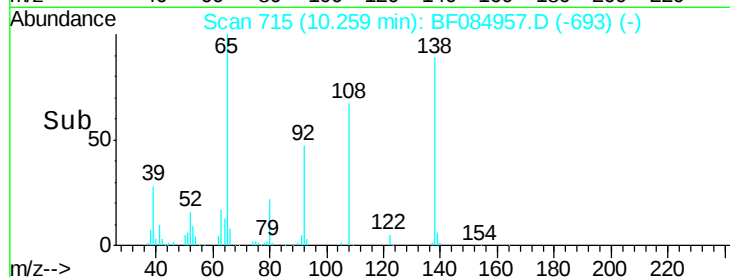
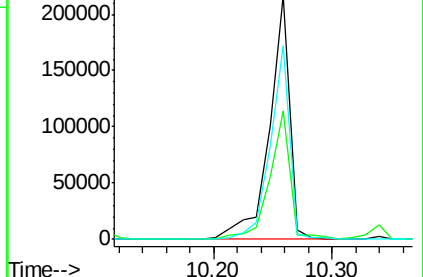
108 79.7 68.6 108.6



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: 49.62 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.06 min

Lab File: BF084957.D

Acq: 9 Feb 2016 17:38

Tgt Ion: 77 Resp: 1090216

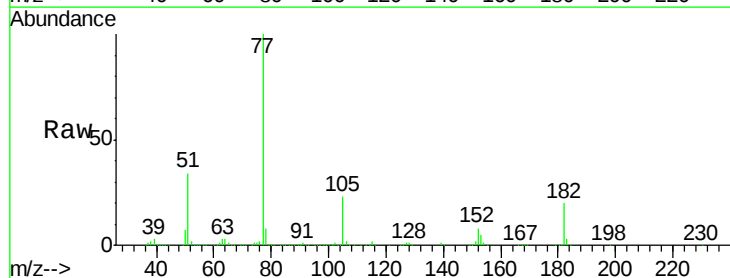
Ion Ratio Lower Upper

77 100

182 20.3 8.3 48.3

105 23.2 4.6 44.6

51 33.6 6.2 46.2

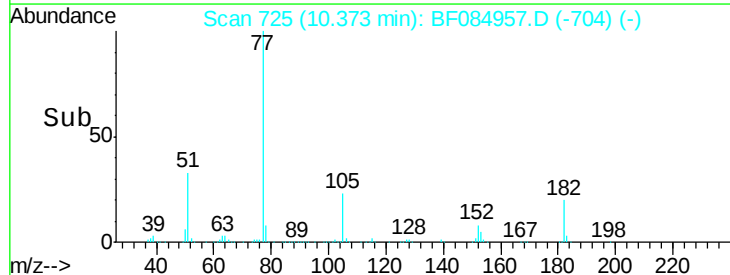
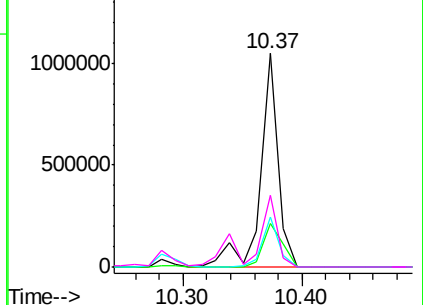


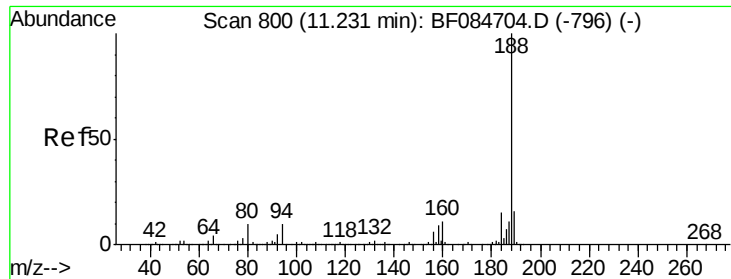
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.15 min Scan# 793

Delta R.T. -0.06 min

Lab File: BF084957.D

Acq: 9 Feb 2016 17:38

Instrument :

BNA_F

ClientSampleId :

S4-B005(28-30)MS

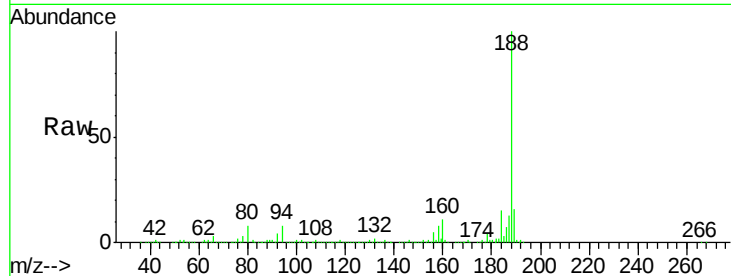
Tgt Ion:188 Resp: 558444

Ion Ratio Lower Upper

188 100

94 7.8 9.0 13.4#

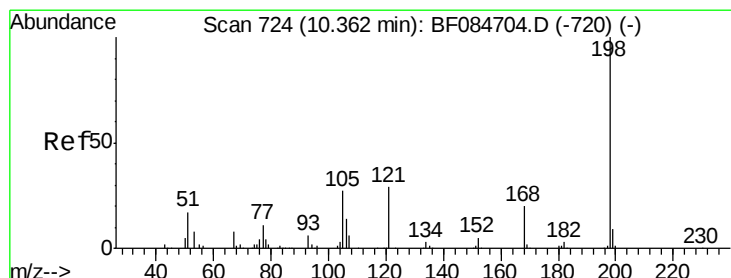
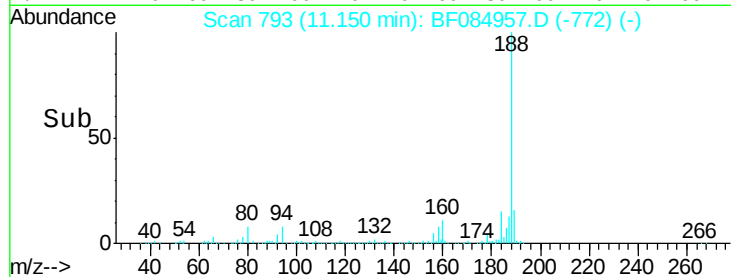
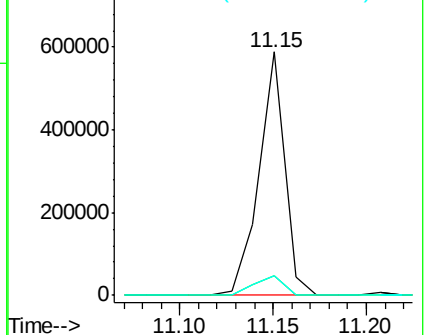
80 8.1 9.6 14.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 49.86 ng

RT: 10.29 min Scan# 718

Delta R.T. -0.05 min

Lab File: BF084957.D

Acq: 9 Feb 2016 17:38

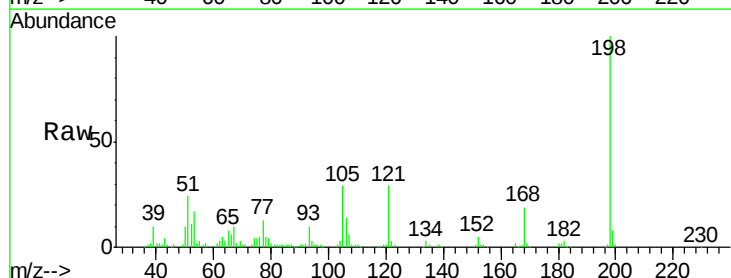
Tgt Ion:198 Resp: 171838

Ion Ratio Lower Upper

198 100

51 23.8 18.9 58.9

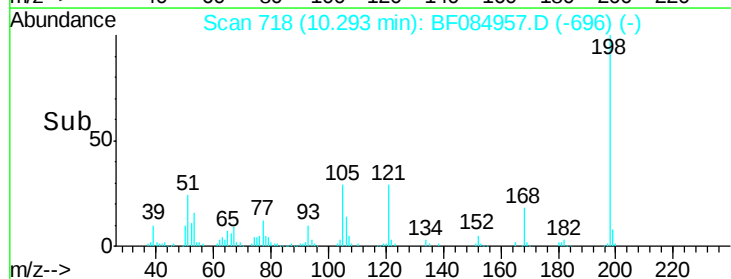
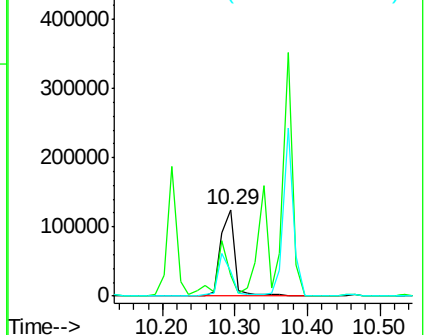
105 28.9 26.4 66.4

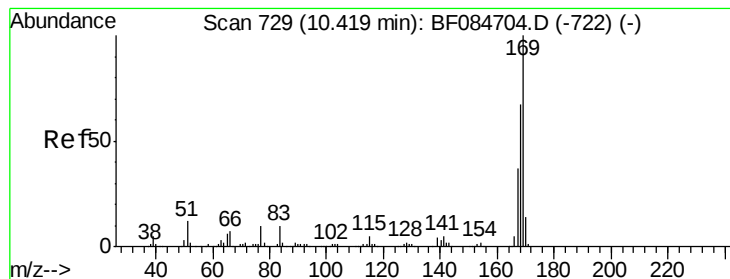


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 47.82 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.06 min

Lab File: BF084957.D

Acq: 9 Feb 2016 17:38

Instrument :

BNA_F

ClientSampleId :

S4-B005(28-30)MS

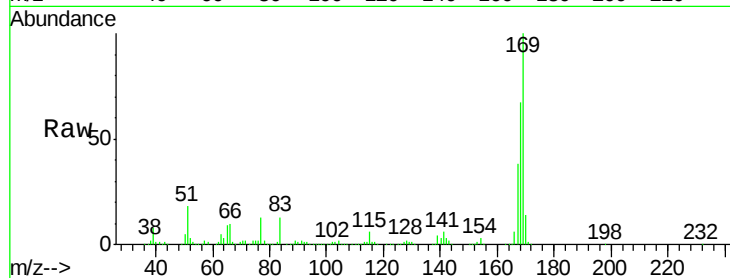
Tgt Ion:169 Resp: 847927

Ion Ratio Lower Upper

169 100

168 67.5 55.1 82.7

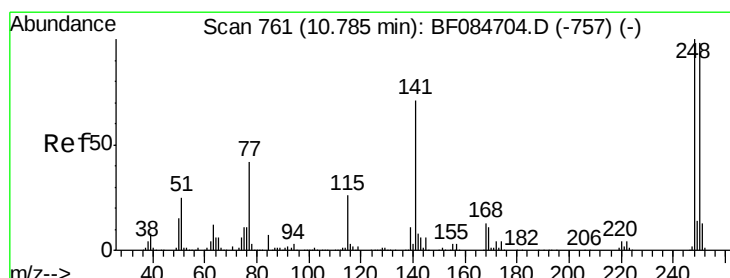
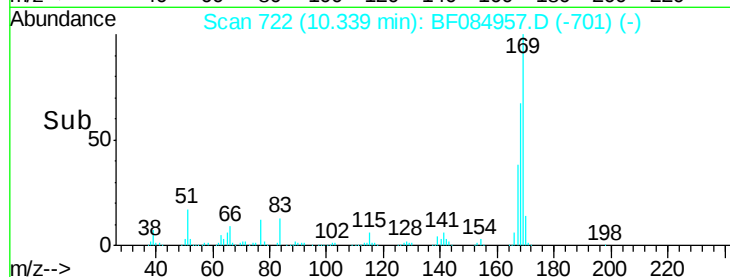
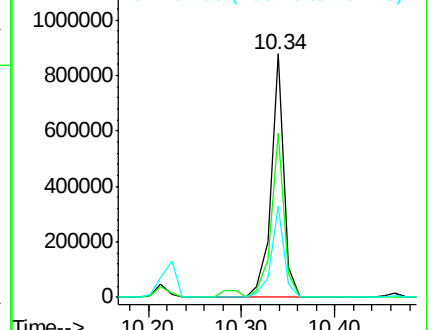
167 37.6 30.0 45.0



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: 51.14 ng

RT: 10.70 min Scan# 754

Delta R.T. -0.06 min

Lab File: BF084957.D

Acq: 9 Feb 2016 17:38

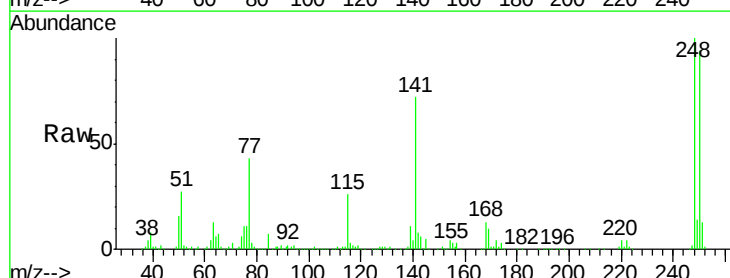
Tgt Ion:248 Resp: 315464

Ion Ratio Lower Upper

248 100

250 94.5 78.4 117.6

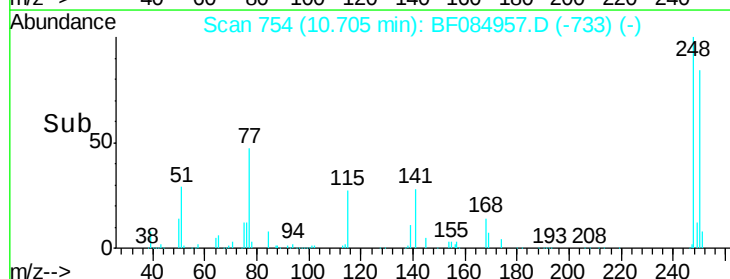
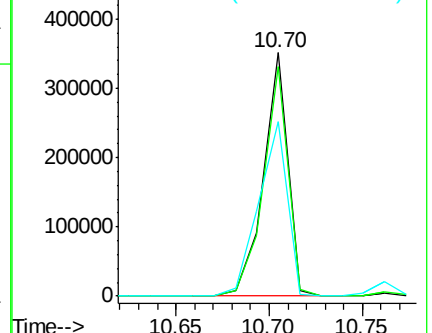
141 71.5 44.0 66.0#



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: 45.50 ng

RT: 10.76 min Scan# 759

Delta R.T. -0.06 min

Lab File: BF084957.D

Acq: 9 Feb 2016 17:38

Instrument :

BNA_F

ClientSampleId :

S4-B005(28-30)MS

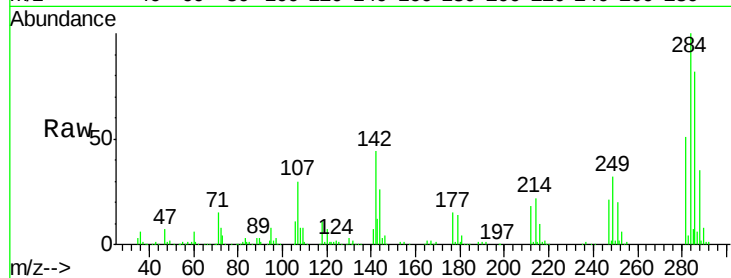
Tgt Ion:284 Resp: 305807

Ion Ratio Lower Upper

284 100

142 44.3 22.2 33.4#

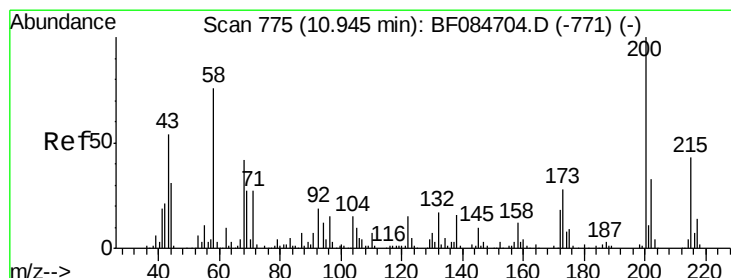
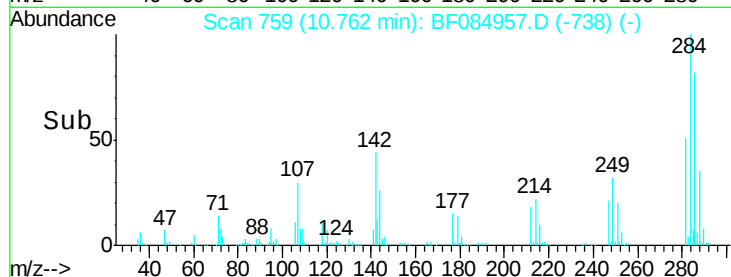
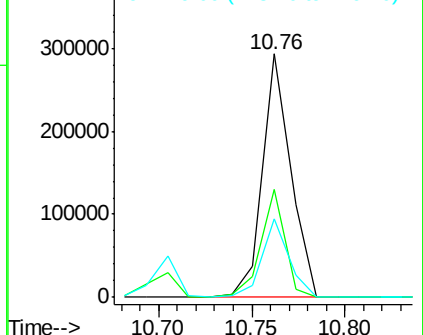
249 32.5 24.6 37.0



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: 54.99 ng

RT: 10.88 min Scan# 769

Delta R.T. -0.05 min

Lab File: BF084957.D

Acq: 9 Feb 2016 17:38

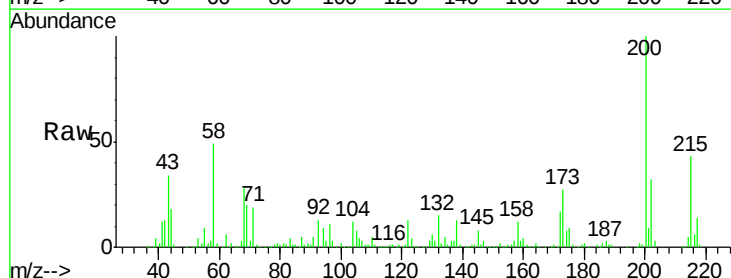
Tgt Ion:200 Resp: 307936

Ion Ratio Lower Upper

200 100

173 26.5 9.5 49.5

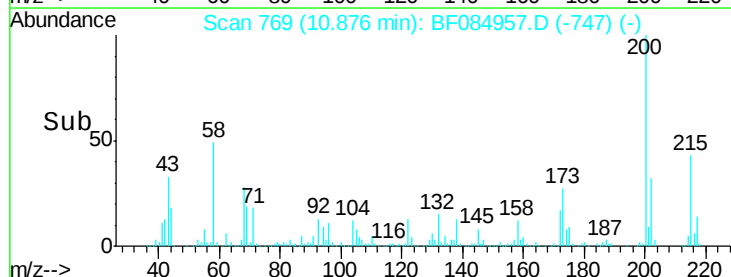
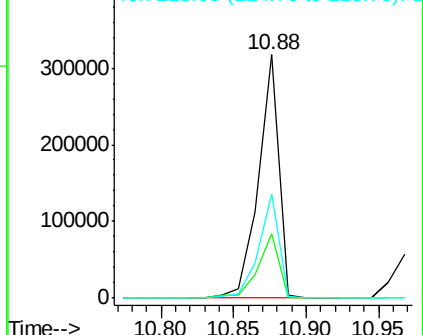
215 42.6 23.8 63.8

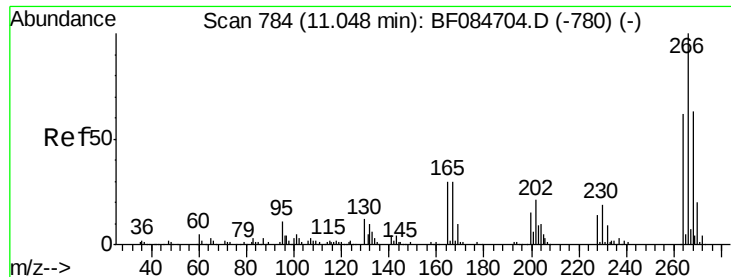


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

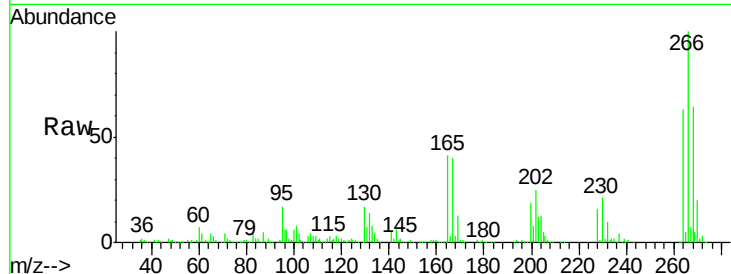




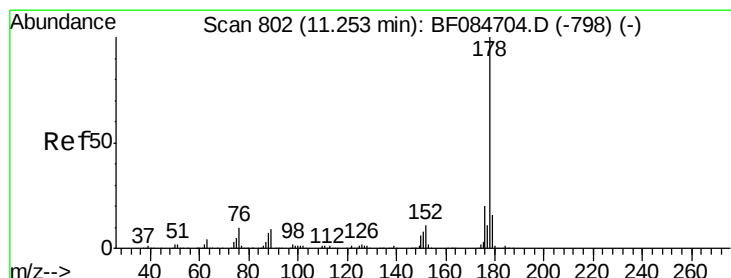
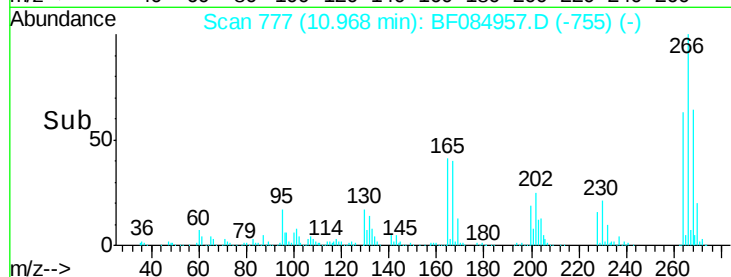
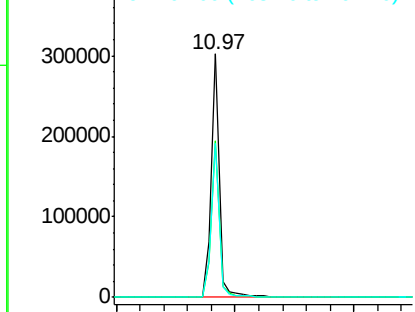
#69
 Pentachlorophenol
 Concen: 91.48 ng
 RT: 10.97 min Scan# 777
 Delta R.T. -0.05 min
 Lab File: BF084957.D
 Acq: 9 Feb 2016 17:38

Instrument :
 BNA_F
 ClientSampleId :
 S4-B005(28-30)MS

Tgt Ion:266 Resp: 288945
 Ion Ratio Lower Upper
 266 100
 268 64.2 52.4 78.6
 264 63.1 50.2 75.2

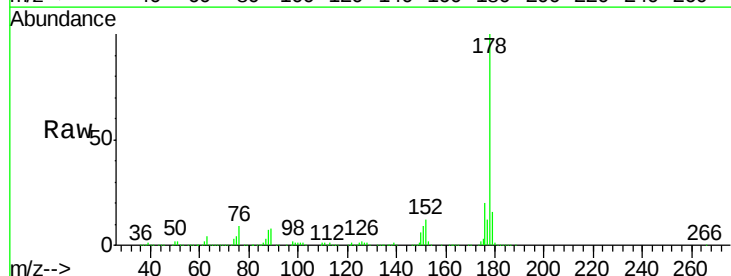


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

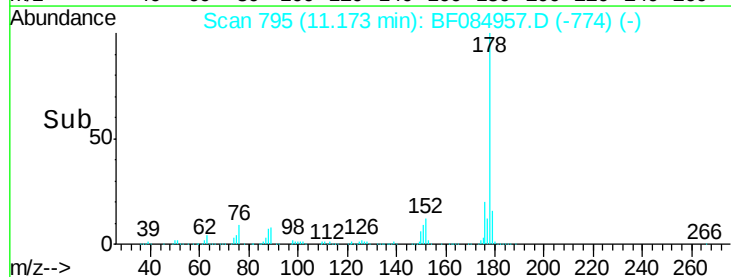
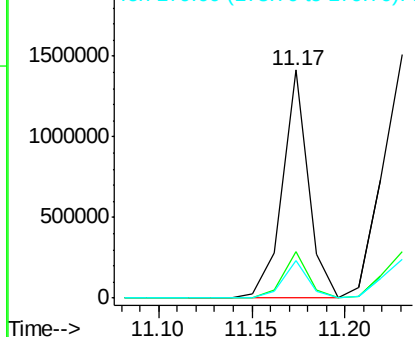


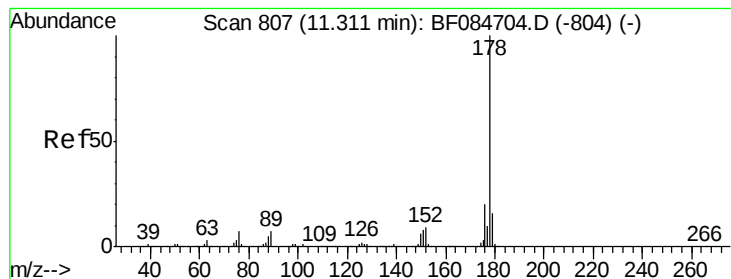
#70
 Phenanthrene
 Concen: 44.20 ng
 RT: 11.17 min Scan# 795
 Delta R.T. -0.06 min
 Lab File: BF084957.D
 Acq: 9 Feb 2016 17:38

Tgt Ion:178 Resp: 1369036
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.3 22.9
 179 16.3 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: 51.19 ng

RT: 11.23 min Scan# 800

Delta R.T. -0.06 min

Lab File: BF084957.D

Acq: 9 Feb 2016 17:38

Instrument :

BNA_F

ClientSampleId :

S4-B005(28-30)MS

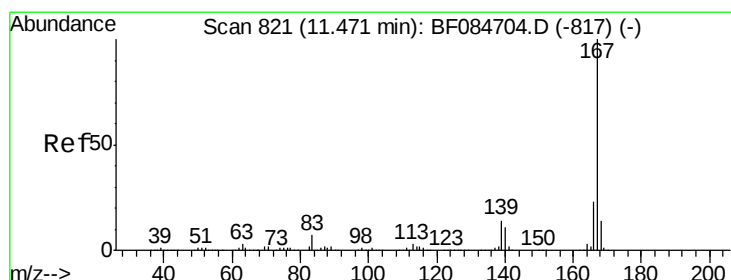
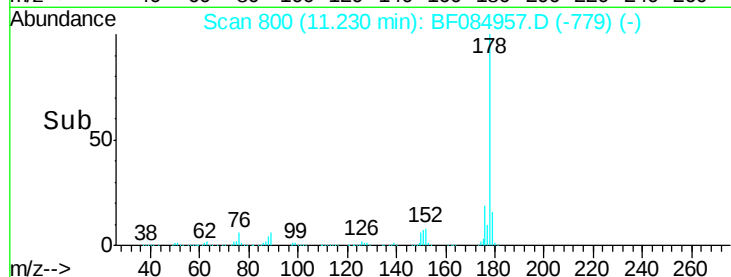
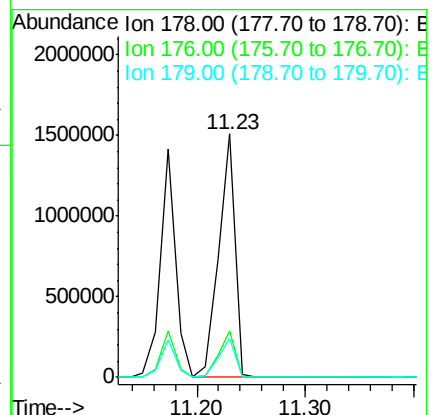
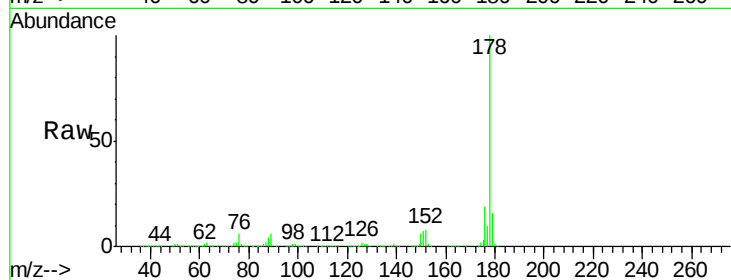
Tgt Ion:178 Resp: 1597562

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

179 16.1 12.5 18.7



#72

Carbazole

Concen: 52.74 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.06 min

Lab File: BF084957.D

Acq: 9 Feb 2016 17:38

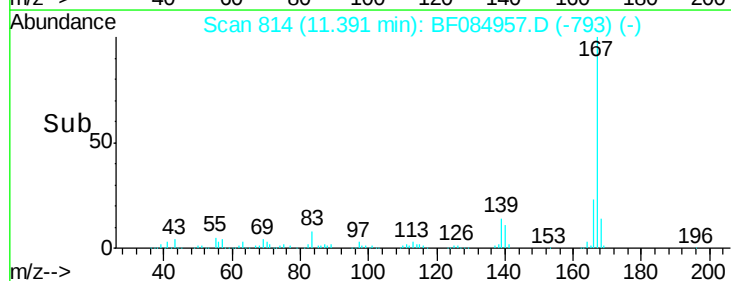
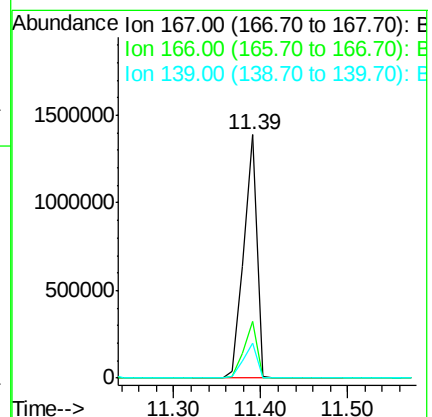
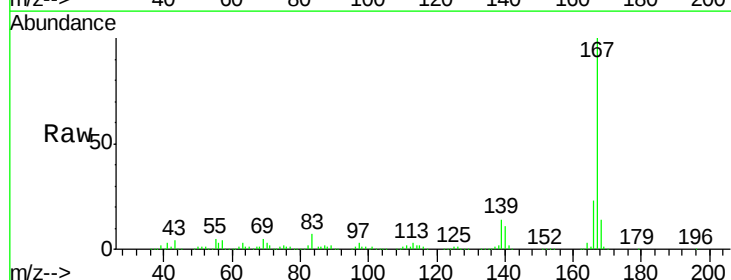
Tgt Ion:167 Resp: 1435417

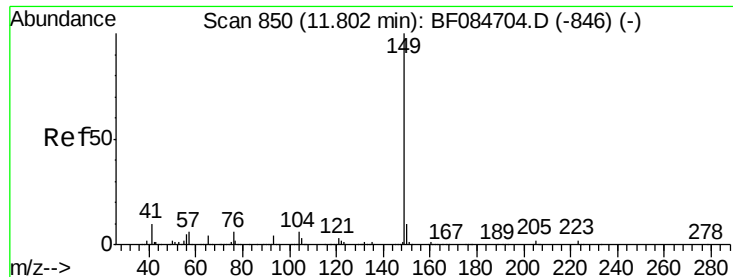
Ion Ratio Lower Upper

167 100

166 23.3 17.6 26.4

139 14.3 11.8 17.8





#73

Di-n-butylphthalate

Concen: 44.69 ng

RT: 11.72 min Scan# 843

Delta R.T. -0.06 min

Lab File: BF084957.D

Acq: 9 Feb 2016 17:38

Instrument :

BNA_F

ClientSampleId :

S4-B005(28-30)MS

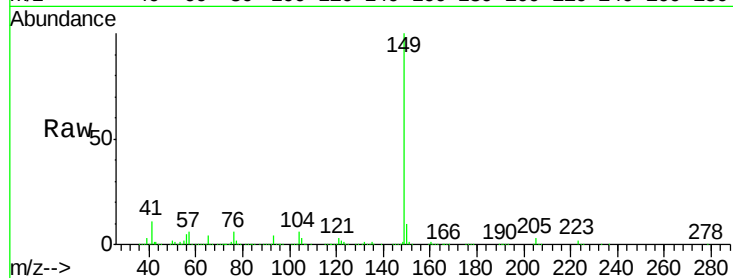
Tgt Ion:149 Resp: 1548564

Ion Ratio Lower Upper

149 100

150 9.9 7.1 10.7

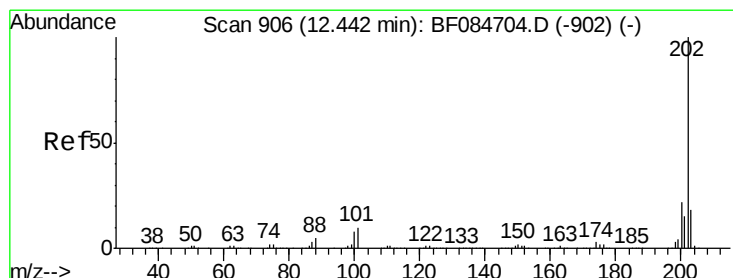
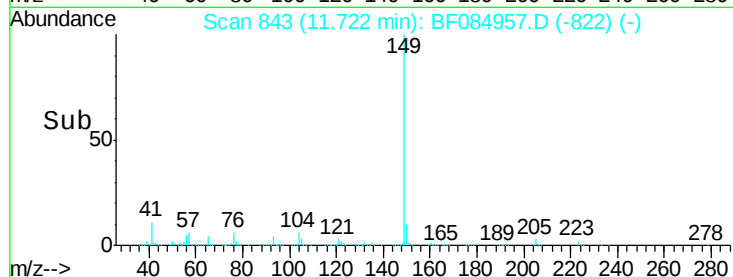
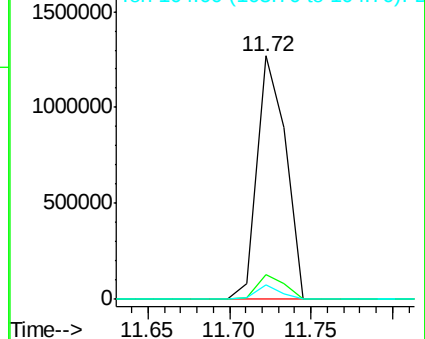
104 6.0 3.2 4.8#



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: 49.60 ng

RT: 12.36 min Scan# 899

Delta R.T. -0.06 min

Lab File: BF084957.D

Acq: 9 Feb 2016 17:38

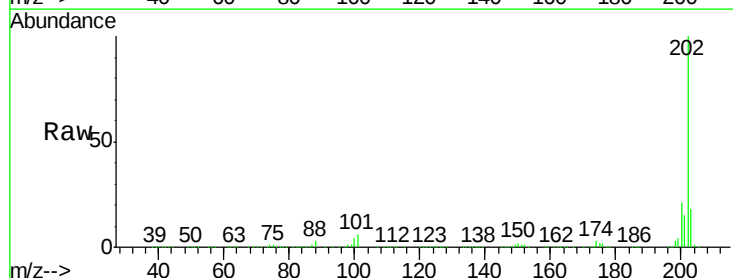
Tgt Ion:202 Resp: 1554838

Ion Ratio Lower Upper

202 100

101 6.0 0.0 32.8

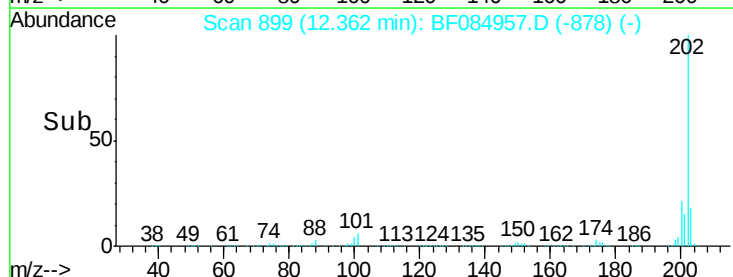
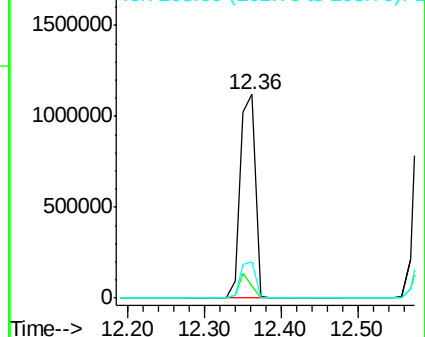
203 17.6 0.0 37.9

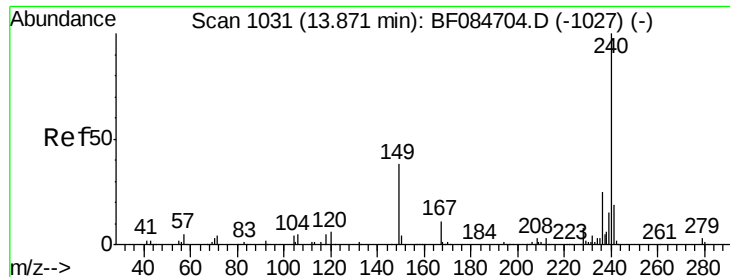


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.78 min Scan# 1023

Delta R.T. -0.06 min

Lab File: BF084957.D

Acq: 9 Feb 2016 17:38

Instrument :

BNA_F

ClientSampleId :

S4-B005(28-30)MS

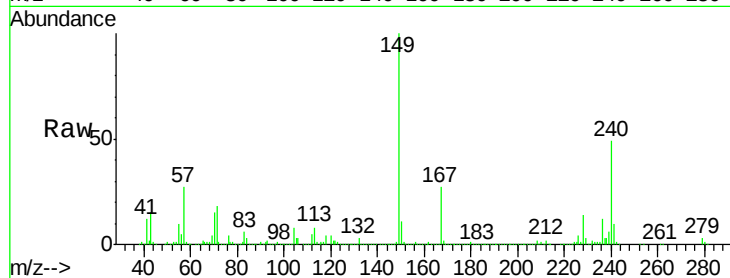
Tgt Ion:240 Resp: 391621

Ion Ratio Lower Upper

240 100

120 8.5 9.5 14.3#

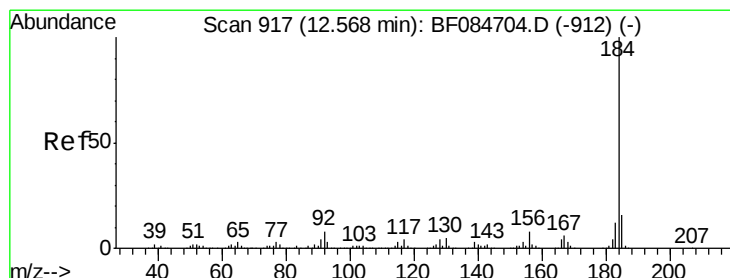
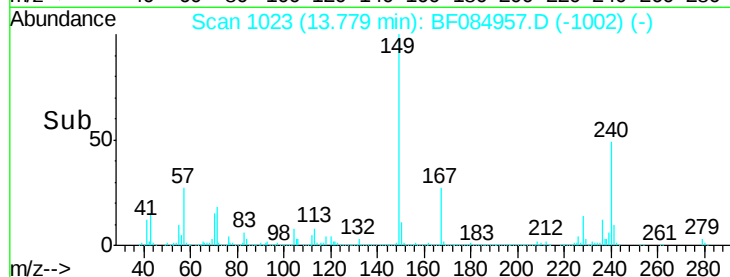
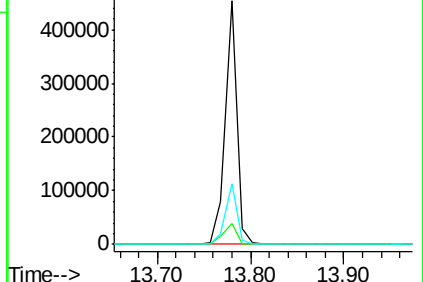
236 25.1 20.6 31.0



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: 38.96 ng

RT: 12.49 min Scan# 910

Delta R.T. -0.06 min

Lab File: BF084957.D

Acq: 9 Feb 2016 17:38

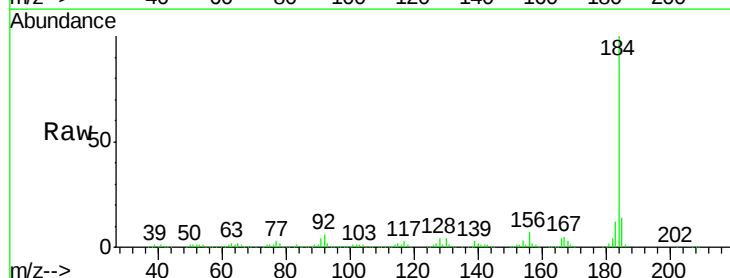
Tgt Ion:184 Resp: 537839

Ion Ratio Lower Upper

184 100

185 14.2 12.2 18.2

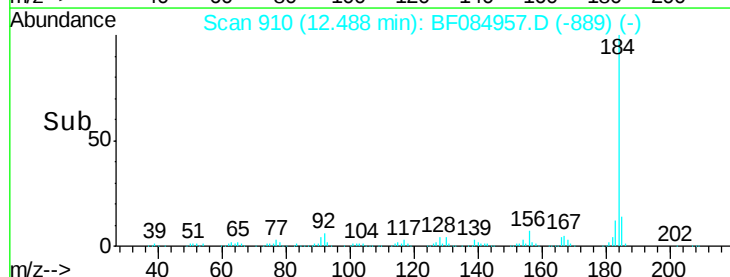
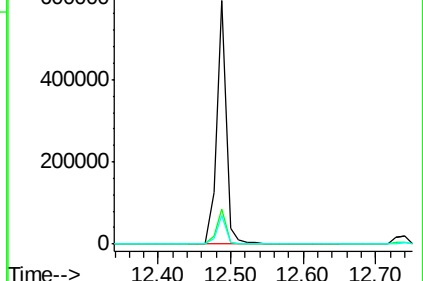
183 11.5 9.8 14.8

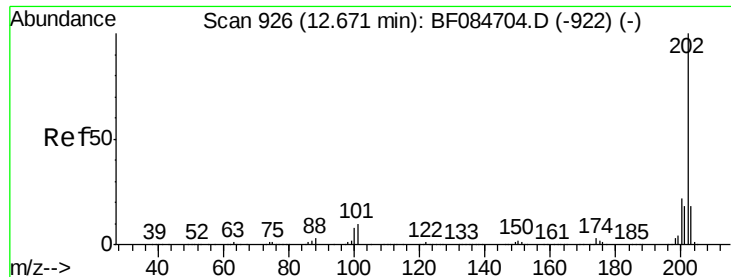


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

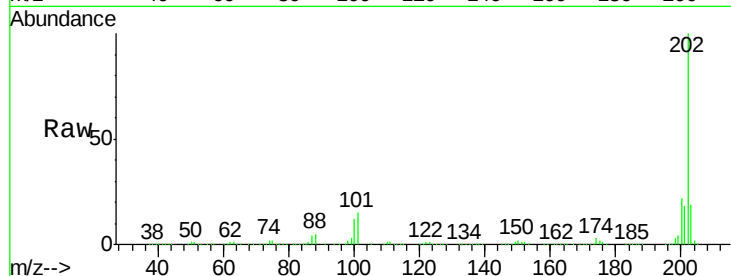




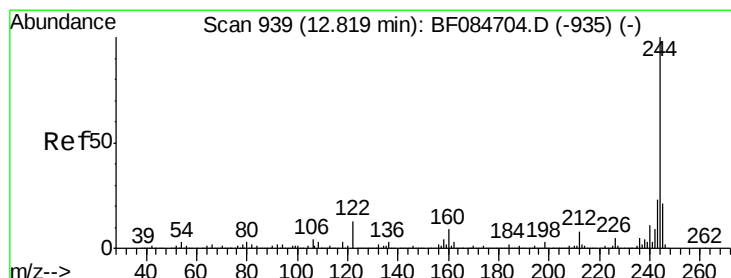
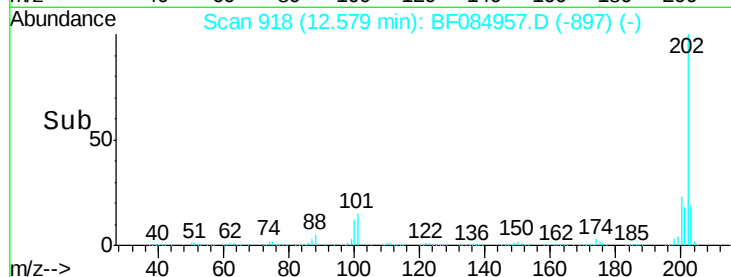
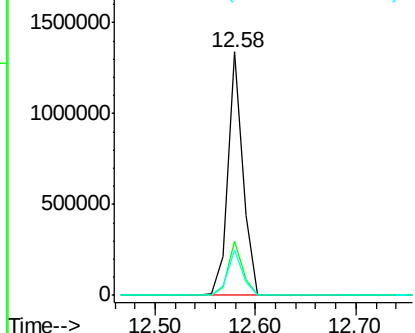
#77
 Pyrene
 Concen: 46.11 ng
 RT: 12.58 min Scan# 918
 Delta R.T. -0.06 min
 Lab File: BF084957.D
 Acq: 9 Feb 2016 17:38

Instrument :
 BNA_F
 ClientSampleId :
 S4-B005(28-30)MS

Tgt Ion: 202 Resp: 1382607
 Ion Ratio Lower Upper
 202 100
 200 22.5 17.2 25.8
 203 18.8 14.3 21.5

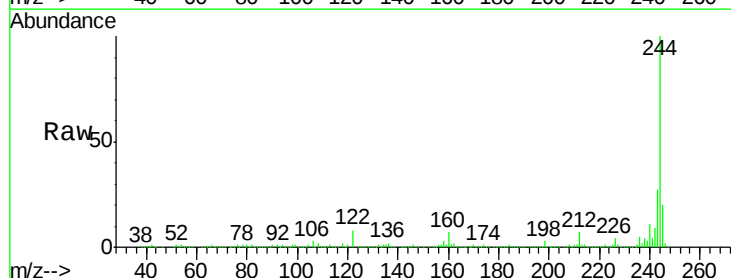


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

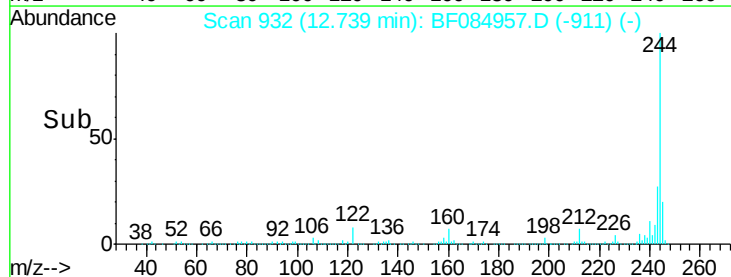
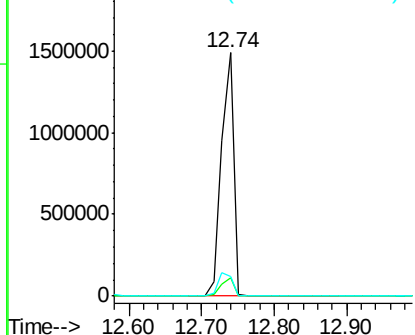


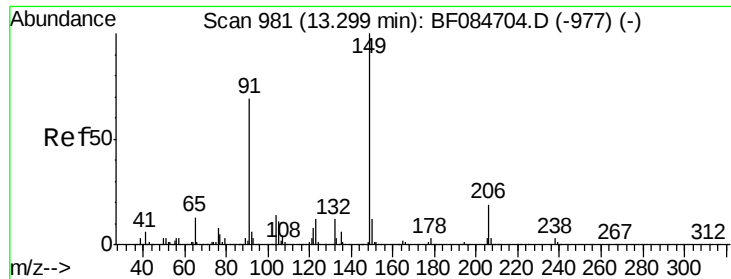
#78
 Terphenyl-d14
 Concen: 101.59 ng
 RT: 12.74 min Scan# 932
 Delta R.T. -0.06 min
 Lab File: BF084957.D
 Acq: 9 Feb 2016 17:38

Tgt Ion: 244 Resp: 1755774
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 8.1 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

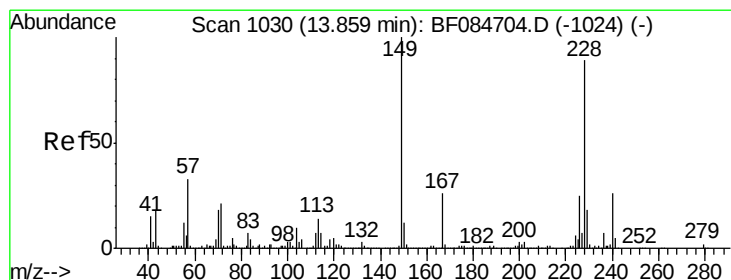
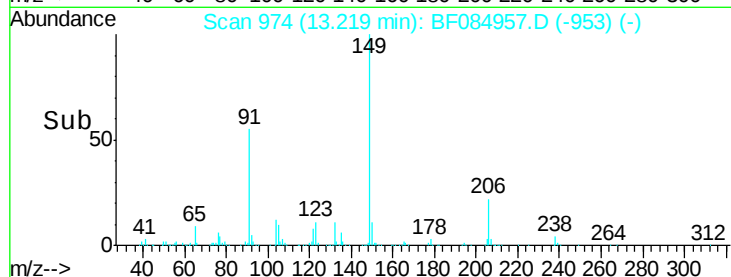
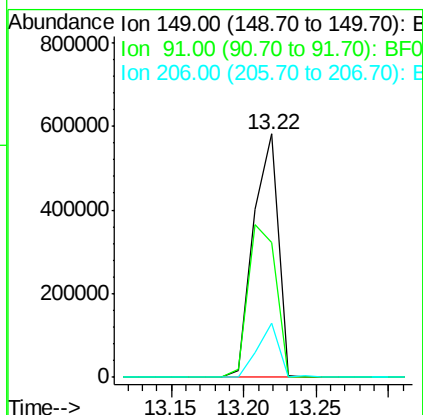
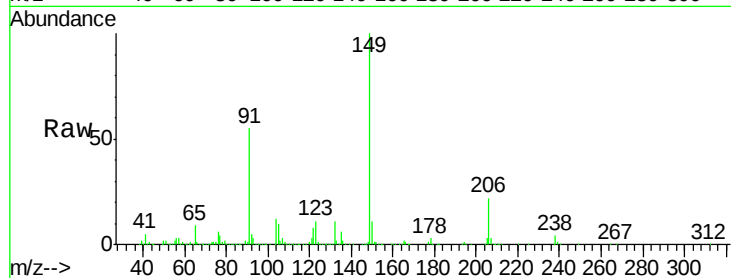




#79
Butylbenzylphthalate
Concen: 50.64 ng
RT: 13.22 min Scan# 974
Delta R.T. -0.06 min
Lab File: BF084957.D
Acq: 9 Feb 2016 17:38

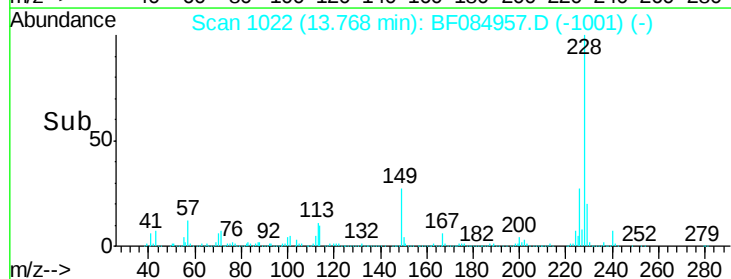
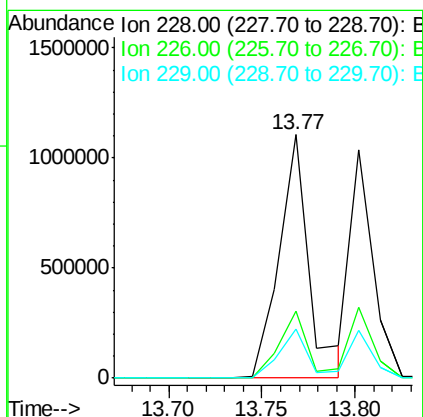
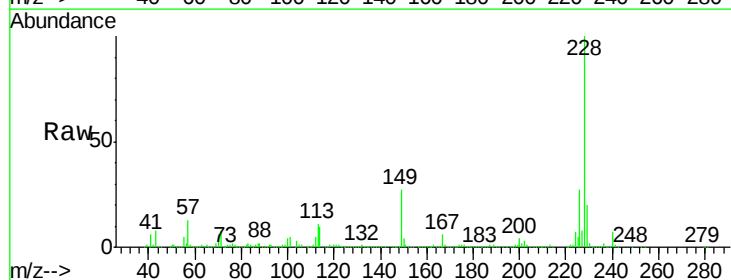
Instrument :
BNA_F
ClientSampleId :
S4-B005(28-30)MS

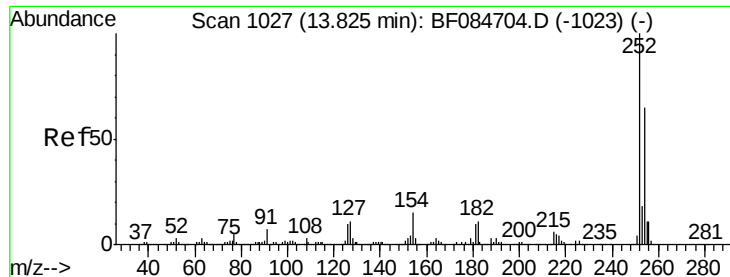
Tgt Ion:149 Resp: 688790
Ion Ratio Lower Upper
149 100
91 55.5 57.6 86.4#
206 22.3 13.2 19.8#



#80
Benzo(a)anthracene
Concen: 50.70 ng
RT: 13.77 min Scan# 1022
Delta R.T. -0.06 min
Lab File: BF084957.D
Acq: 9 Feb 2016 17:38

Tgt Ion:228 Resp: 1232404
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.6
229 20.2 15.8 23.8

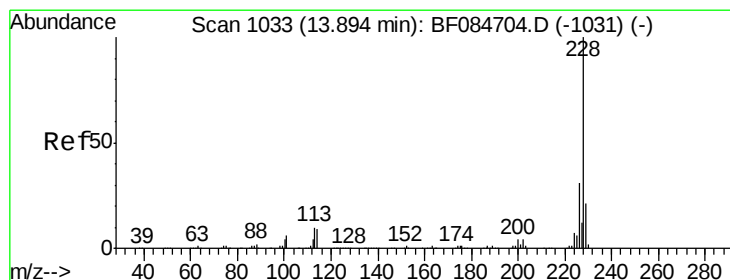
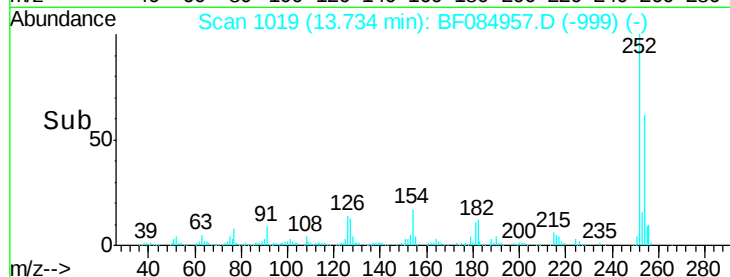
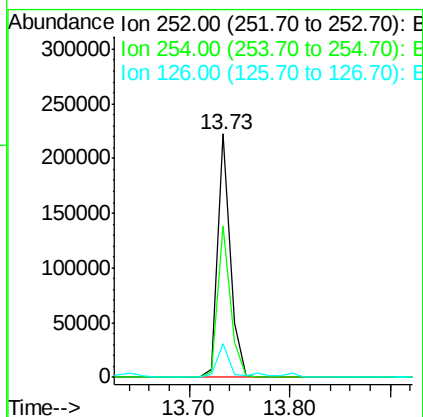
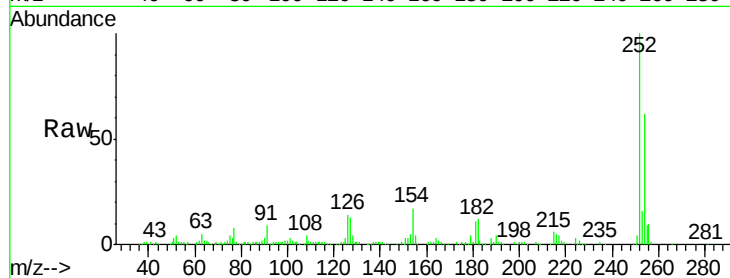




#81
 3,3'-Dichlorobenzidine
 Concen: 22.58 ng
 RT: 13.73 min Scan# 1019
 Delta R.T. -0.07 min
 Lab File: BF084957.D
 Acq: 9 Feb 2016 17:38

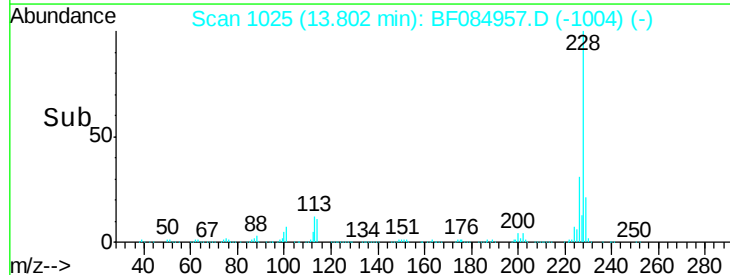
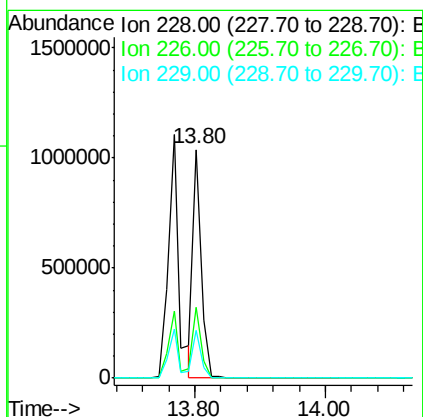
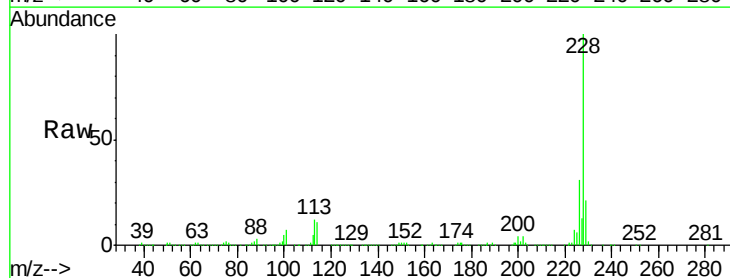
Instrument :
 BNA_F
 ClientSampleId :
 S4-B005(28-30)MS

Tgt Ion:252 Resp: 194290
 Ion Ratio Lower Upper
 252 100
 254 62.2 53.5 80.3
 126 13.8 4.9 7.3#



#82
 Chrysene
 Concen: 38.94 ng
 RT: 13.80 min Scan# 1025
 Delta R.T. -0.06 min
 Lab File: BF084957.D
 Acq: 9 Feb 2016 17:38

Tgt Ion:228 Resp: 917856
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.3 36.5
 229 20.8 16.1 24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.99 ng

RT: 13.78 min Scan# 1023

Delta R.T. -0.06 min

Lab File: BF084957.D

Acq: 9 Feb 2016 17:38

Instrument :

BNA_F

ClientSampleId :

S4-B005(28-30)MS

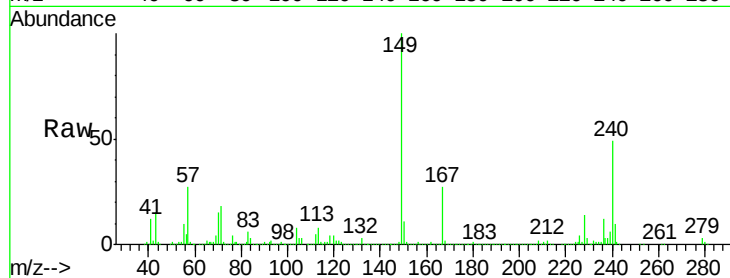
Tgt Ion:149 Resp: 880103

Ion Ratio Lower Upper

149 100

167 26.6 19.7 29.5

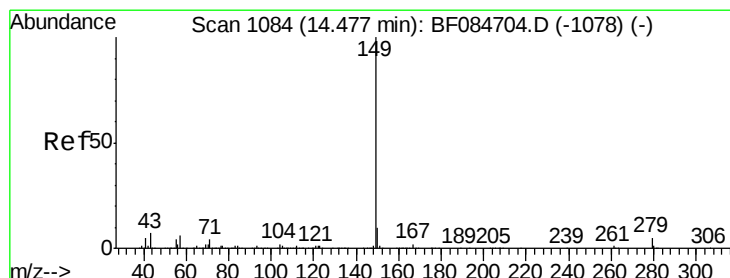
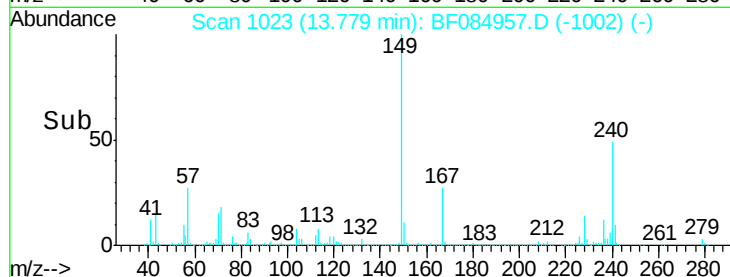
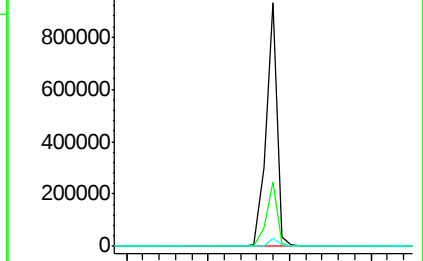
279 3.2 1.8 2.6#



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: 45.36 ng

RT: 14.39 min Scan# 1076

Delta R.T. -0.06 min

Lab File: BF084957.D

Acq: 9 Feb 2016 17:38

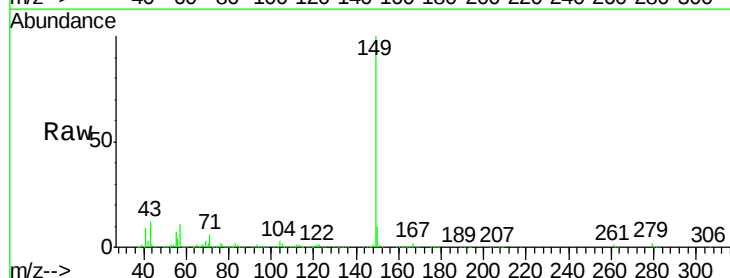
Tgt Ion:149 Resp: 1266616

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

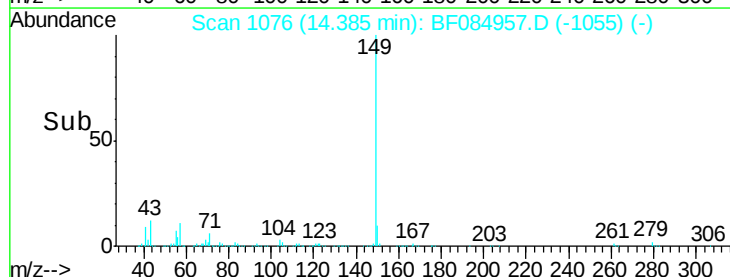
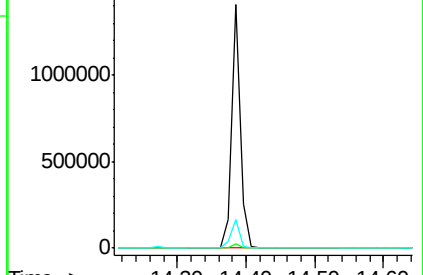
43 11.9 5.6 8.4#

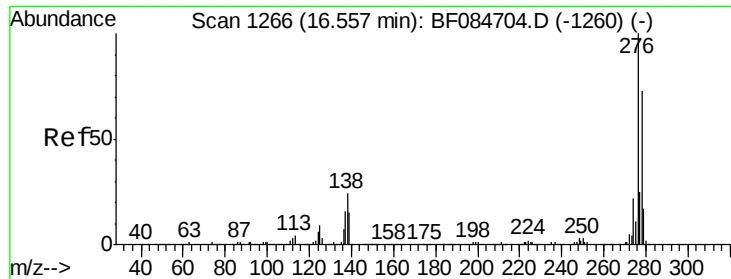


Abundance Ion 149.00 (148.70 to 149.70): E

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: 51.25 ng

RT: 16.40 min Scan# 1252

Delta R.T. -0.10 min

Lab File: BF084957.D

Acq: 9 Feb 2016 17:38

Instrument :

BNA_F

ClientSampleId :

S4-B005(28-30)MS

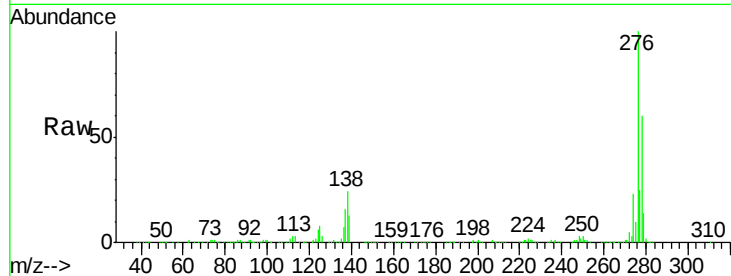
Tgt Ion:276 Resp: 950745

Ion Ratio Lower Upper

276 100

138 24.3 20.6 30.8

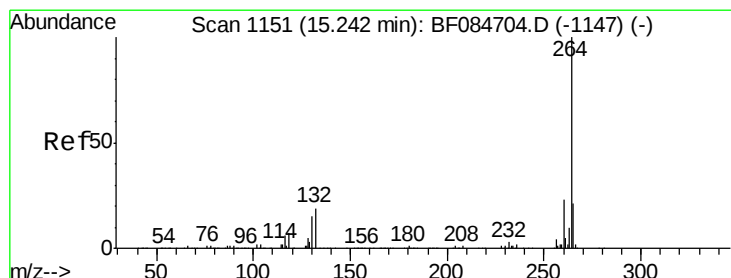
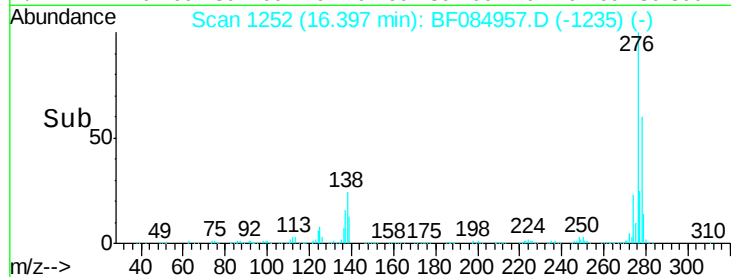
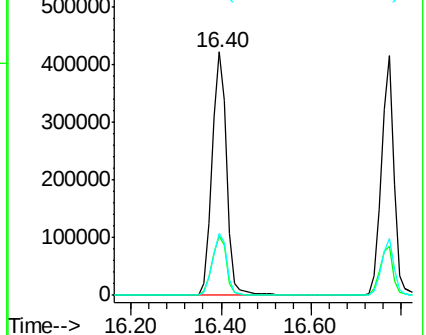
277 25.2 20.1 30.1



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: 15.14 min Scan# 1142

Delta R.T. -0.07 min

Lab File: BF084957.D

Acq: 9 Feb 2016 17:38

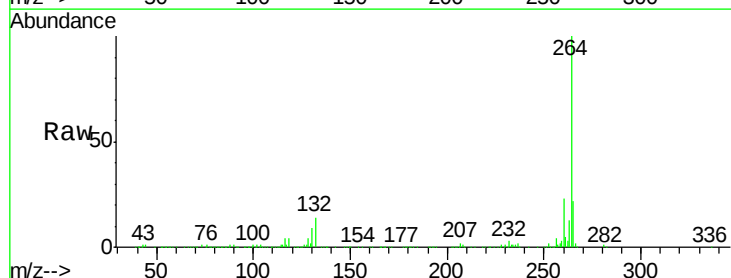
Tgt Ion:264 Resp: 321190

Ion Ratio Lower Upper

264 100

260 22.8 19.4 29.2

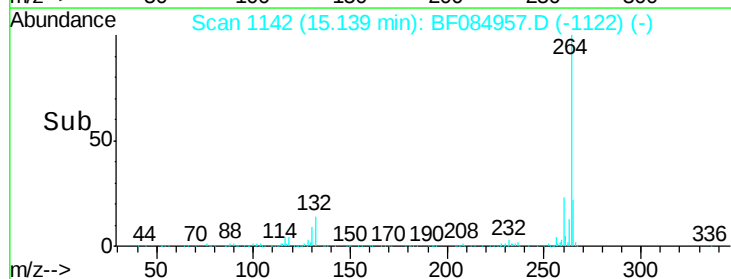
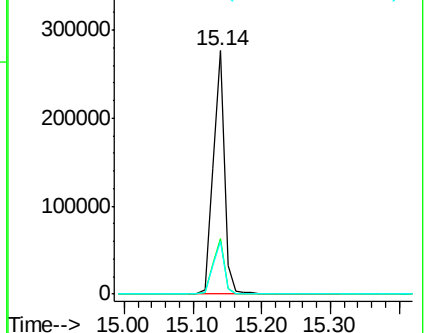
265 21.5 17.8 26.6

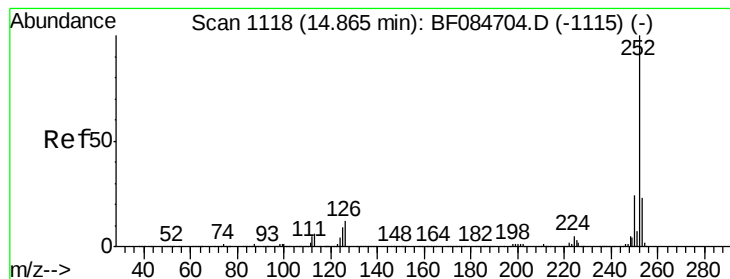


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 88.07 ng

RT: 14.80 min Scan# 1112

Delta R.T. -0.03 min

Lab File: BF084957.D

Acq: 9 Feb 2016 17:38

Instrument :

BNA_F

ClientSampleId :

S4-B005(28-30)MS

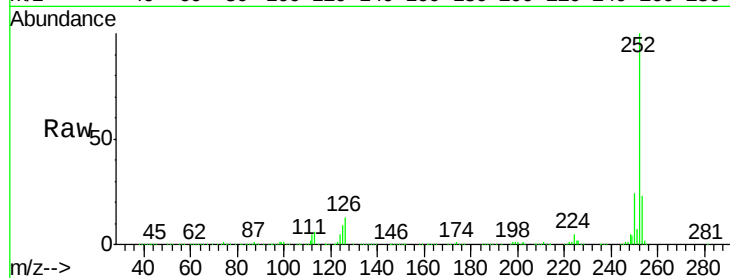
Tgt Ion:252 Resp: 1900634

Ion Ratio Lower Upper

252 100

253 22.8 17.3 25.9

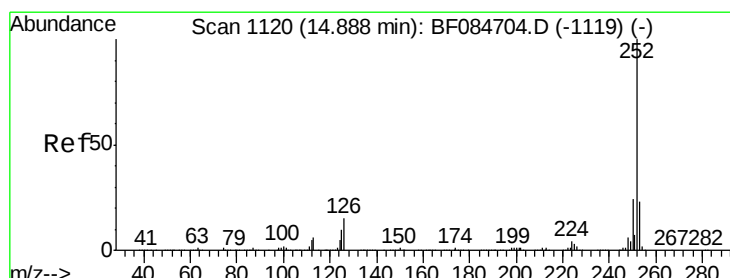
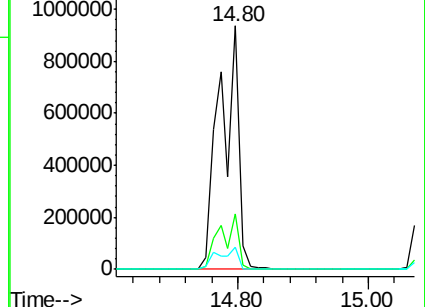
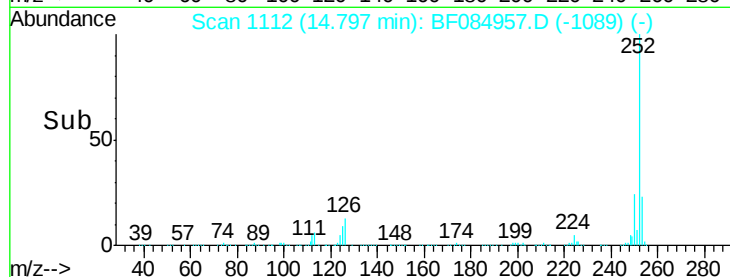
125 9.0 6.5 9.7



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: 106.52 ng

RT: 14.80 min Scan# 1112

Delta R.T. -0.06 min

Lab File: BF084957.D

Acq: 9 Feb 2016 17:38

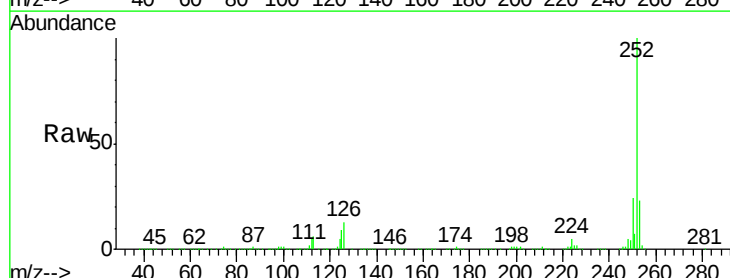
Tgt Ion:252 Resp: 1900634

Ion Ratio Lower Upper

252 100

253 22.8 18.1 27.1

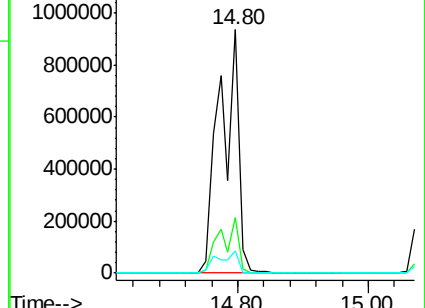
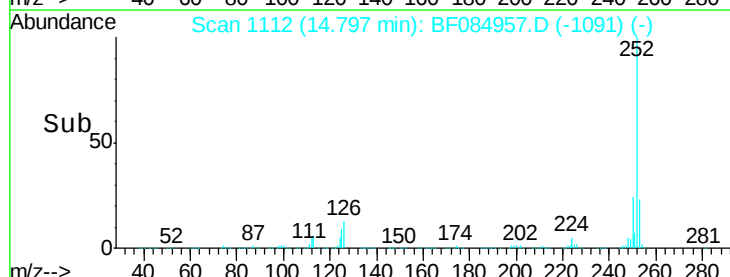
125 9.0 9.0 13.6



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: 47.28 ng

RT: 15.08 min Scan# 1137

Delta R.T. -0.07 min

Lab File: BF084957.D

Acq: 9 Feb 2016 17:38

Instrument :

BNA_F

ClientSampleId :

S4-B005(28-30)MS

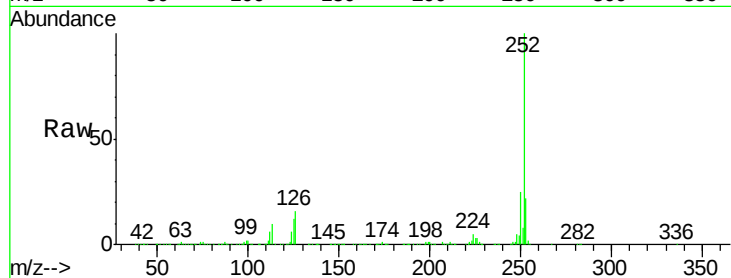
Tgt Ion:252 Resp: 869360

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

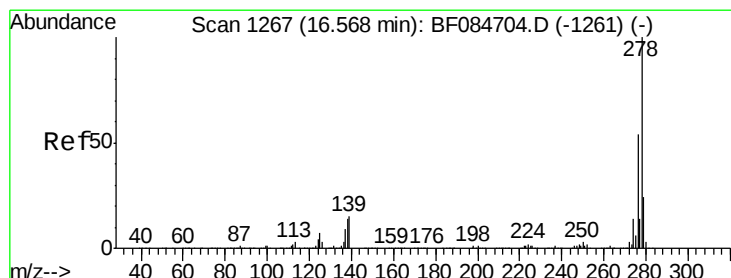
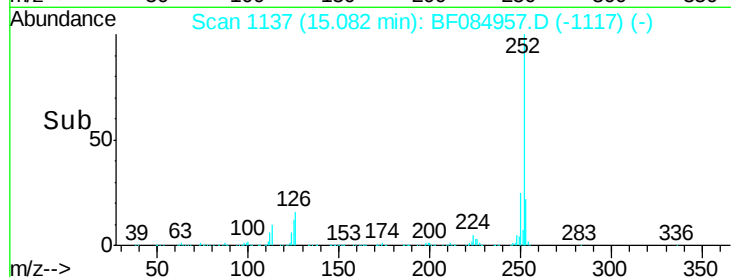
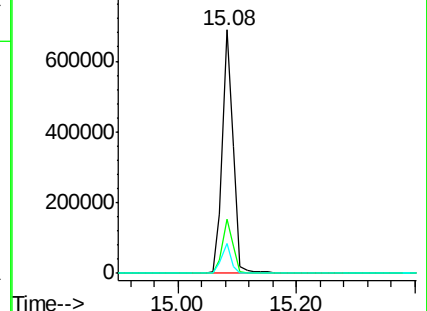
125 12.2 7.0 10.4#



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: 50.79 ng

RT: 16.41 min Scan# 1253

Delta R.T. -0.10 min

Lab File: BF084957.D

Acq: 9 Feb 2016 17:38

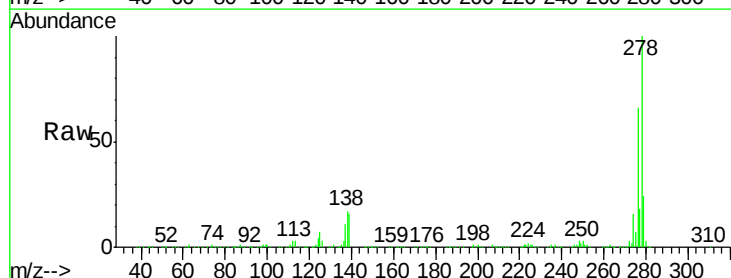
Tgt Ion:278 Resp: 786193

Ion Ratio Lower Upper

278 100

139 15.6 15.0 22.4

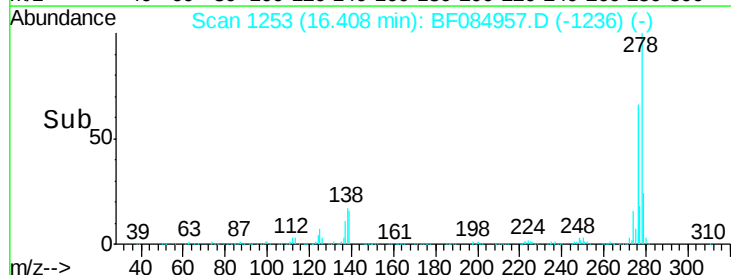
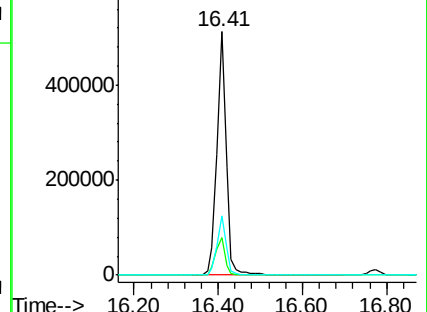
279 24.3 18.9 28.3

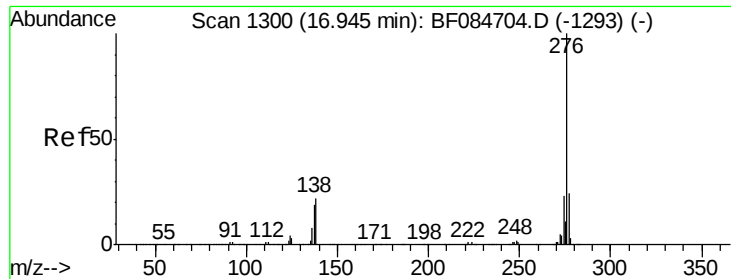


Abundance Ion 278.00 (277.70 to 278.70): E

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: 52.00 ng

RT: 16.77 min Scan# 1285

Delta R.T. -0.11 min

Lab File: BF084957.D

Acq: 9 Feb 2016 17:38

Instrument :

BNA_F

ClientSampleId :

S4-B005(28-30)MS

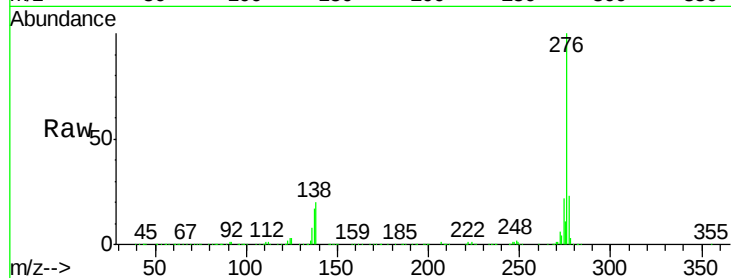
Tgt Ion:276 Resp: 810837

Ion Ratio Lower Upper

276 100

277 23.4 18.8 28.2

138 20.5 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

