

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
 Data File : BF084125.D
 Acq On : 25 Dec 2015 13:05
 Operator : UM/SJ
 Sample : G4961-02MS
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-7(21.0-21.5)MS

Quant Time: Dec 26 00:35:58 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 24 16:48:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	50927	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	200984	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	91403	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	173321	20.00	ng	0.00
75) Chrysene-d12	13.96	240	122536	20.00	ng	0.00
86) Perylene-d12	15.38	264	100082	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	401731	133.74	ng	0.01
7) Phenol-d6	6.46	99	505327	135.95	ng	0.01
23) Nitrobenzene-d5	7.37	82	312470	91.00	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	157930	162.03	ng	0.01
44) 2-Fluorobiphenyl	9.16	172	600533	89.90	ng	0.00
78) Terphenyl-d14	12.90	244	552518	81.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	47469	38.56	ng	97
3) Pyridine	3.13	79	120753	40.16	ng	97
4) n-Nitrosodimethylamine	3.07	42	64449	48.65	ng	92
6) Aniline	6.46	93	150142	31.96	ng	# 80
8) 2-Chlorophenol	6.59	128	169244	45.37	ng	99
9) Benzaldehyde	6.35	77	51177	25.75	ng	93
10) Phenol	6.48	94	225010	52.93	ng	96
11) bis(2-Chloroethyl)ether	6.54	93	144880	47.26	ng	95
12) 1,3-Dichlorobenzene	6.82	146	186373	45.76	ng	99
13) 1,4-Dichlorobenzene	6.74	146	181422	44.27	ng	96
14) 1,2-Dichlorobenzene	6.97	146	167012	44.22	ng	96
15) Benzyl Alcohol	6.96	79	149057	52.95	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.08	45	130239	43.49	ng	# 1
17) 2-Methylphenol	7.08	107	137818	48.12	ng	# 89
18) Hexachloroethane	7.31	117	69109	46.21	ng	97
19) n-Nitroso-di-n-propylamine	7.22	70	104512	45.65	ng	# 86
20) 3+4-Methylphenols	7.23	107	175782	48.11	ng	# 53
22) Acetophenone	7.22	105	240634	47.92	ng	# 89
24) Nitrobenzene	7.39	77	182573	50.08	ng	94
25) Isophorone	7.63	82	303272	47.75	ng	97
26) 2-Nitrophenol	7.71	139	92850	49.76	ng	95
27) 2,4-Dimethylphenol	7.76	122	156004	50.38	ng	98
28) bis(2-Chloroethoxy)methane	7.84	93	172524	46.59	ng	99
29) 2,4-Dichlorophenol	7.96	162	141383	49.16	ng	92
30) 1,2,4-Trichlorobenzene	8.03	180	149280	47.36	ng	97
31) Naphthalene	8.11	128	512270	47.91	ng	99
32) Benzoic acid	7.88	122	34385	23.16	ng	94
33) 4-Chloroaniline	8.16	127	87737	20.62	ng	98
34) Hexachlorobutadiene	8.22	225	82753	46.03	ng	98
35) Caprolactam	8.54	113	28947	36.29	ng	90
36) 4-Chloro-3-methylphenol	8.67	107	171196	52.94	ng	96
37) 2-Methylnaphthalene	8.80	142	322483	48.18	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	145314	50.43	ng	98
40) Hexachlorocyclopentadiene	8.96	237	74322	85.99	ng	99

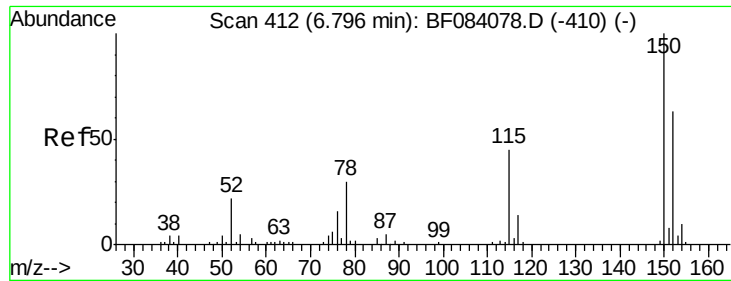
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	90333	48.08	ng	96
43) 2,4,5-Trichlorophenol	9.14	196	97625	51.92	ng	96
45) 1,1'-Biphenyl	9.26	154	426636	51.67	ng	97
46) 2-Chloronaphthalene	9.29	162	305686	48.69	ng	97
47) 2-Nitroaniline	9.39	65	94872	56.87	ng	# 78
48) Acenaphthylene	9.70	152	470952	45.68	ng	99
49) Dimethylphthalate	9.57	163	539240	71.23	ng	# 91
50) 2,6-Dinitrotoluene	9.63	165	74724	46.50	ng	# 60
51) Acenaphthene	9.87	154	273368	45.59	ng	98
52) 3-Nitroaniline	9.80	138	57415	33.30	ng	86
53) 2,4-Dinitrophenol	9.92	184	39694	68.03	ng	88
54) Dibenzofuran	10.04	168	405724	49.20	ng	# 90
55) 4-Nitrophenol	10.00	139	93582	106.32	ng	92
56) 2,4-Dinitrotoluene	10.04	165	115918	54.65	ng	94
57) Fluorene	10.38	166	324185	46.26	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	77986	58.17	ng	91
59) Diethylphthalate	10.27	149	400956	52.14	ng	99
60) 4-Chlorophenyl-phenylether	10.37	204	145305	44.95	ng	# 80
61) 4-Nitroaniline	10.42	138	76148	47.78	ng	95
62) Azobenzene	10.53	77	338701	53.46	ng	88
64) 4,6-Dinitro-2-methylphenol	10.45	198	48748	50.67	ng	96
65) n-Nitrosodiphenylamine	10.50	169	289052	46.78	ng	99
66) 4-Bromophenyl-phenylether	10.86	248	96270	47.95	ng	# 75
67) Hexachlorobenzene	10.93	284	104853	47.70	ng	# 70
68) Atrazine	11.04	200	105538	56.71	ng	94
69) Pentachlorophenol	11.14	266	72764	98.64	ng	98
70) Phenanthrene	11.34	178	467282	45.48	ng	99
71) Anthracene	11.40	178	524837	48.85	ng	100
72) Carbazole	11.55	167	450116	49.25	ng	100
73) Di-n-butylphthalate	11.88	149	537657	45.66	ng	# 98
74) Fluoranthene	12.53	202	501325	48.02	ng	97
76) Benzidine	12.65	184	158502	38.06	ng	98
77) Pyrene	12.76	202	519041	49.10	ng	100
79) Butylbenzylphthalate	13.38	149	240090	54.86	ng	# 78
80) Benzo(a)anthracene	13.95	228	370216	49.12	ng	100
81) 3,3'-Dichlorobenzidine	13.91	252	97778	42.84	ng	# 93
82) Chrysene	13.99	228	324427	46.68	ng	100
83) Bis(2-ethylhexyl)phthalate	13.94	149	313467	55.44	ng	# 96
84) Di-n-octyl phthalate	14.55	149	460852	57.92	ng	99
85) Indeno(1,2,3-cd)pyrene	16.77	276	352510	50.65	ng	100
87) Benzo(b)fluoranthene	15.00	252	641021	86.25	ng	# 97
88) Benzo(k)fluoranthene	15.00	252	641021	127.26	ng	99
89) Benzo(a)pyrene	15.32	252	309980	50.62	ng	98
90) Dibenzo(a,h)anthracene	16.77	278	294356	49.26	ng	96
91) Benzo(g,h,i)perylene	17.19	276	297518	48.78	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF084125.D

Acq: 25 Dec 2015 13:05

Instrument :

BNA_F

ClientSampleId :

PJ-SB-7(21.0-21.5)MS

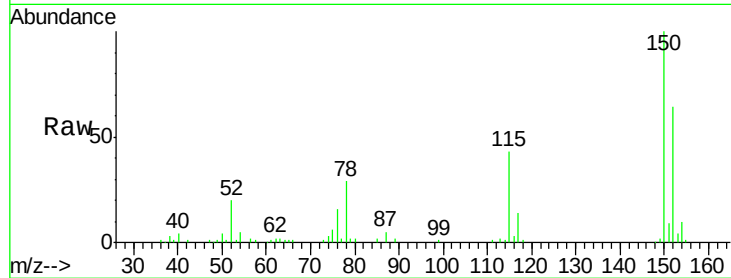
Tgt Ion:152 Resp: 50927

Ion Ratio Lower Upper

152 100

150 157.5 123.0 184.4

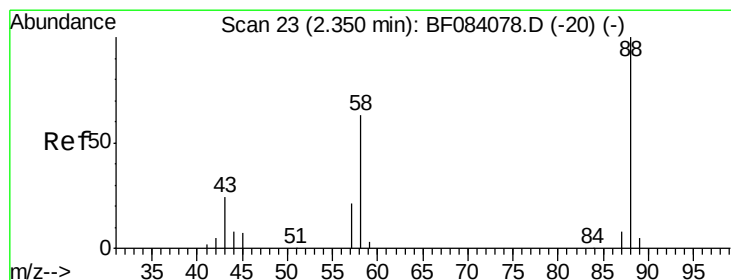
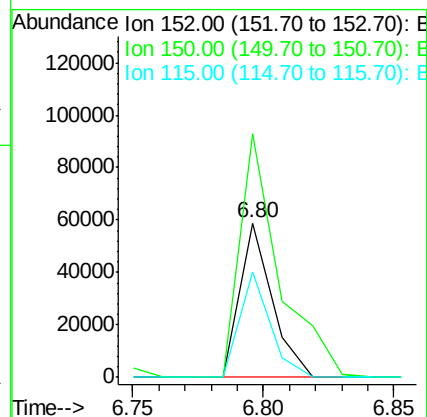
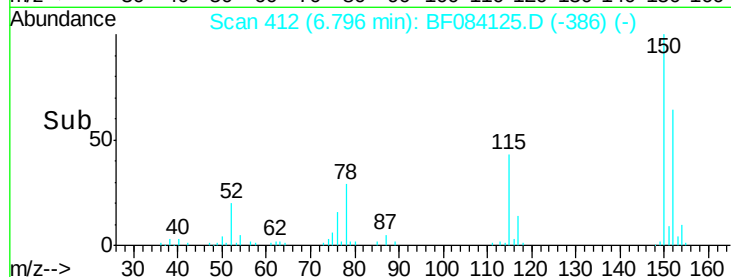
115 68.3 51.4 77.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.56 ng

RT: 2.41 min Scan# 28

Delta R.T. 0.06 min

Lab File: BF084125.D

Acq: 25 Dec 2015 13:05

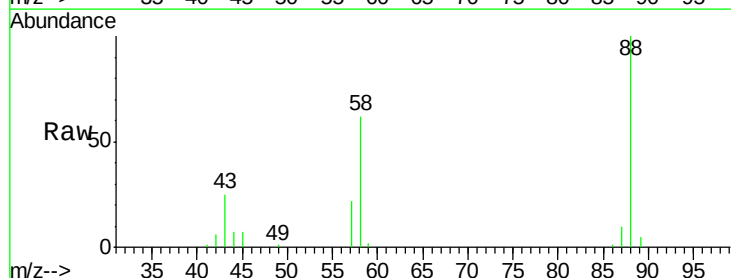
Tgt Ion: 88 Resp: 47469

Ion Ratio Lower Upper

88 100

58 62.9 51.2 76.8

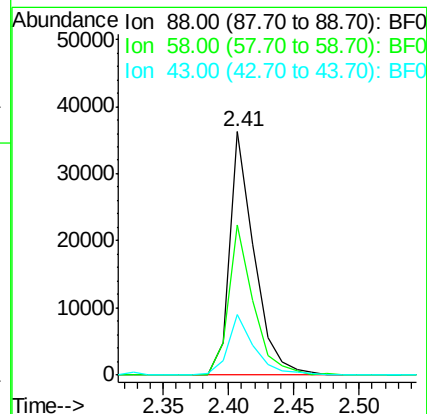
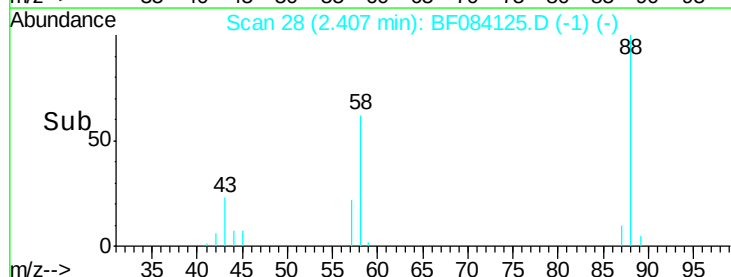
43 27.4 19.5 29.3

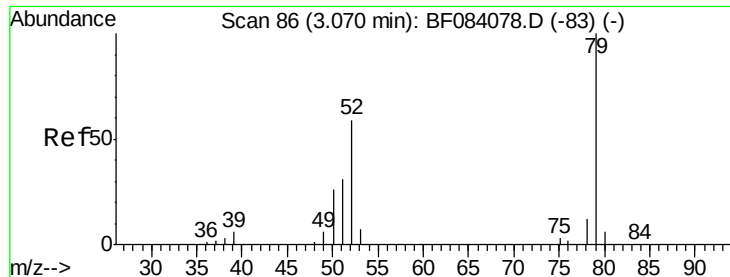


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 40.16 ng

RT: 3.13 min Scan# 91

Delta R.T. 0.06 min

Lab File: BF084125.D

Acq: 25 Dec 2015 13:05

Instrument :

BNA_F

ClientSampleId :

PJ-SB-7(21.0-21.5)MS

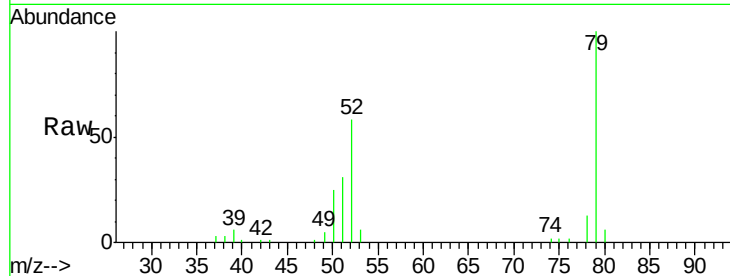
Tgt Ion: 79 Resp: 120753

Ion Ratio Lower Upper

79 100

52 57.9 49.0 73.4

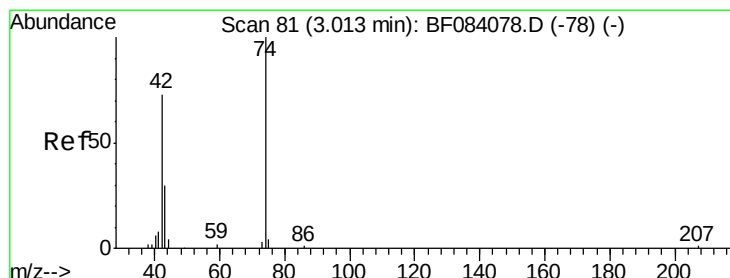
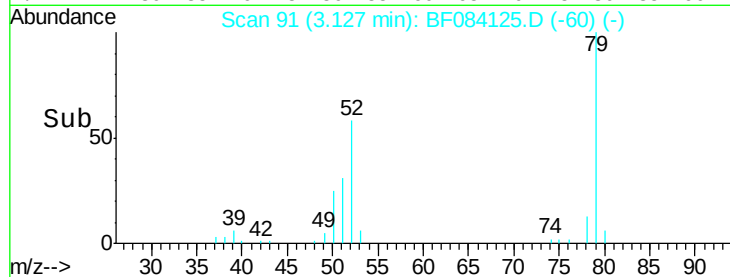
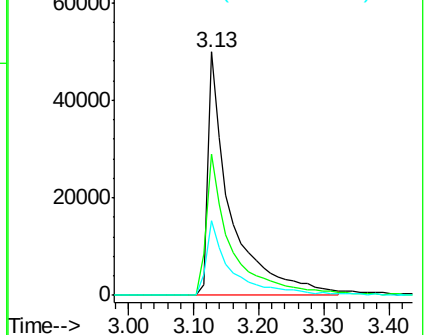
51 30.7 25.2 37.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 48.65 ng

RT: 3.07 min Scan# 86

Delta R.T. 0.06 min

Lab File: BF084125.D

Acq: 25 Dec 2015 13:05

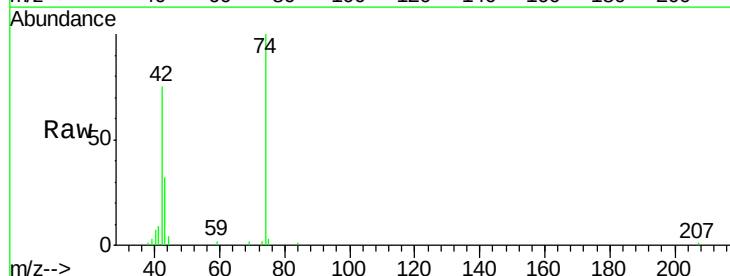
Tgt Ion: 42 Resp: 64449

Ion Ratio Lower Upper

42 100

74 133.9 115.7 173.5

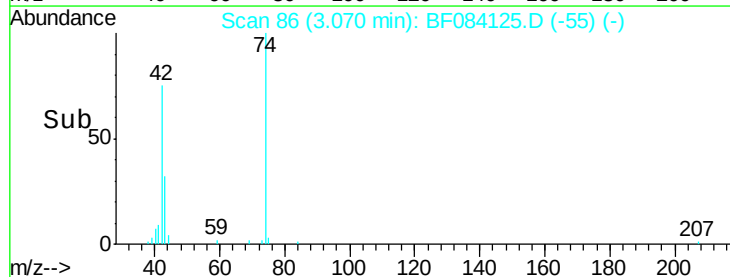
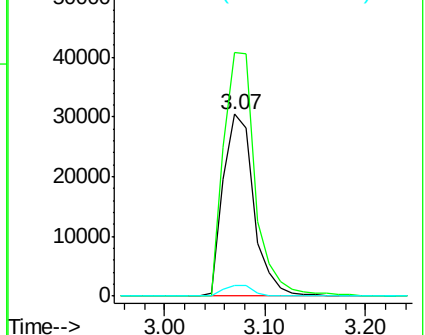
44 6.0 5.1 7.7

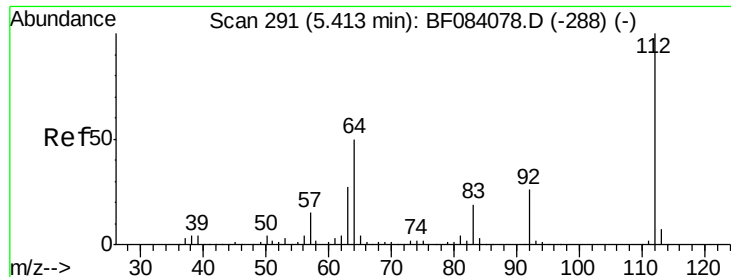


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 133.74 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF084125.D

Acq: 25 Dec 2015 13:05

Instrument :

BNA_F

ClientSampleId :

PJ-SB-7(21.0-21.5)MS

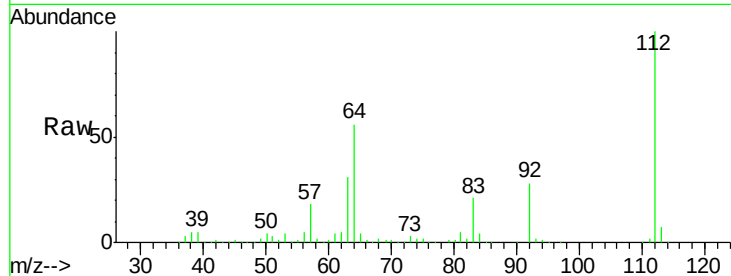
Tgt Ion: 112 Resp: 401731

Ion Ratio Lower Upper

112 100

64 55.9 36.6 55.0#

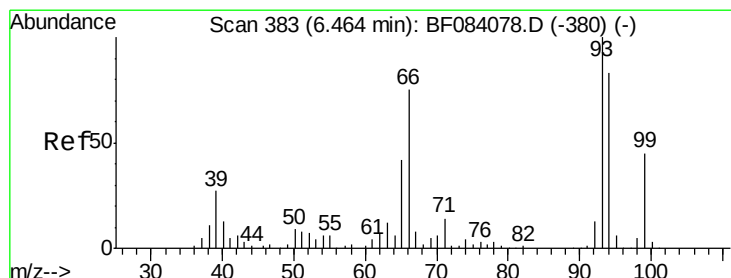
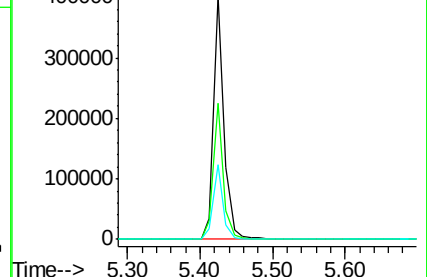
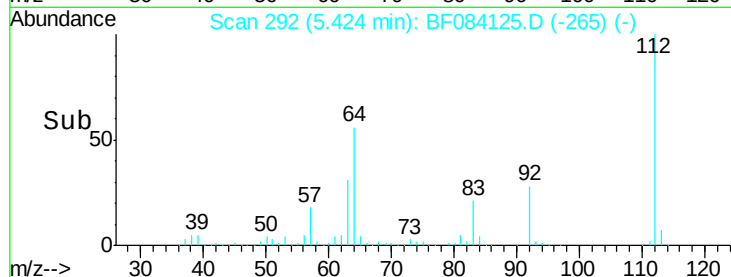
63 30.8 19.4 29.0#



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: 31.96 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF084125.D

Acq: 25 Dec 2015 13:05

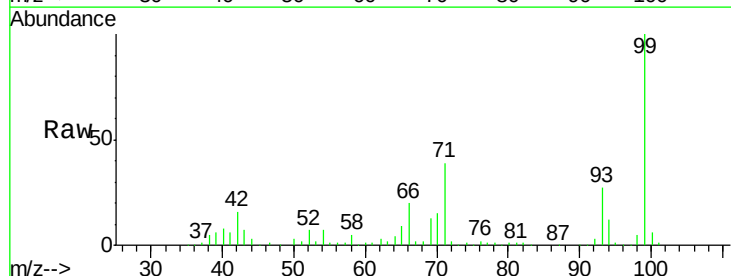
Tgt Ion: 93 Resp: 150142

Ion Ratio Lower Upper

93 100

66 75.4 44.9 67.3#

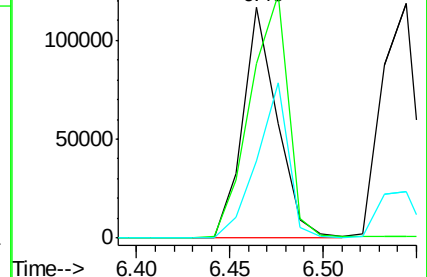
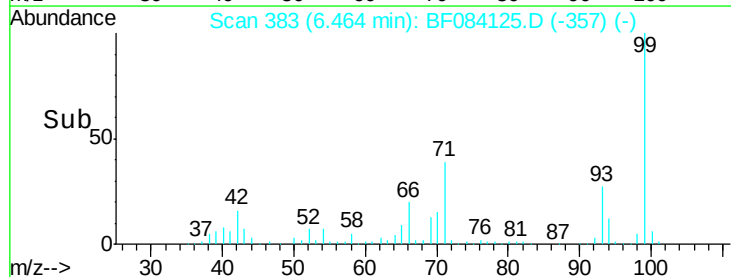
65 33.6 23.7 35.5

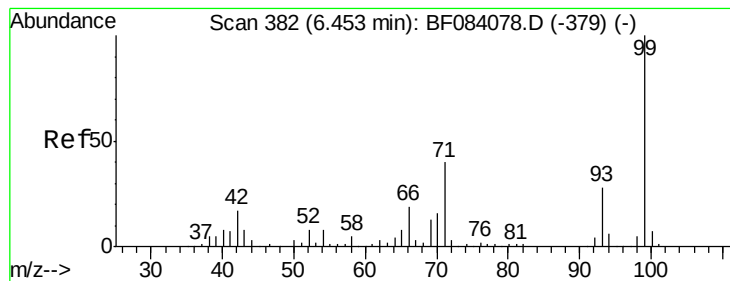


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 135.95 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.01 min

Lab File: BF084125.D

Acq: 25 Dec 2015 13:05

Instrument :

BNA_F

ClientSampleId :

PJ-SB-7(21.0-21.5)MS

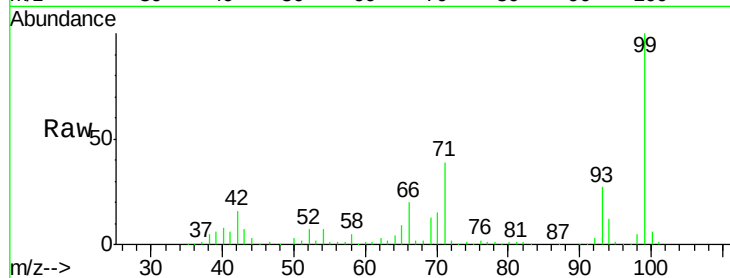
Tgt Ion: 99 Resp: 505327

Ion Ratio Lower Upper

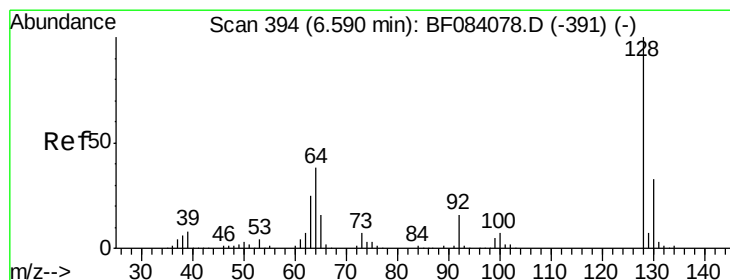
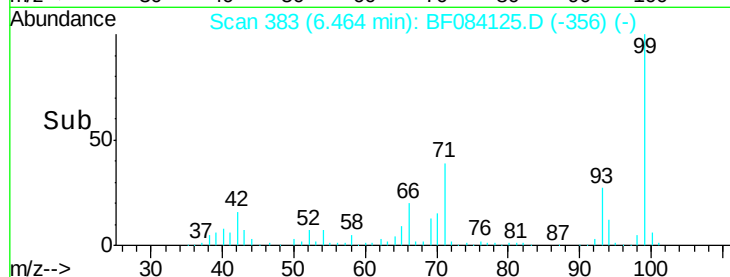
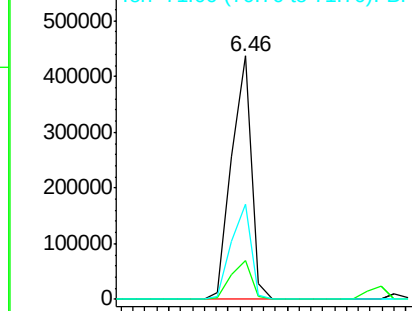
99 100

42 16.1 12.8 19.2

71 39.2 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: 45.37 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF084125.D

Acq: 25 Dec 2015 13:05

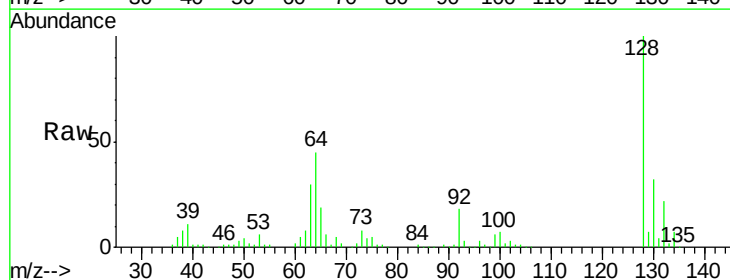
Tgt Ion: 128 Resp: 169244

Ion Ratio Lower Upper

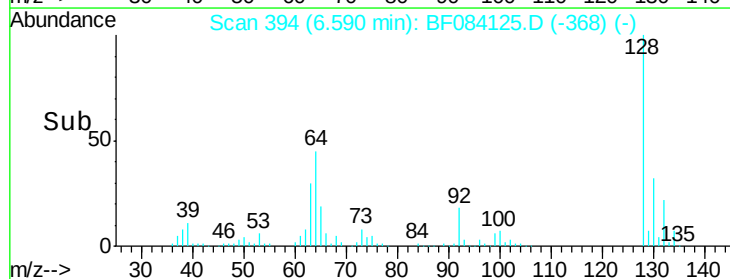
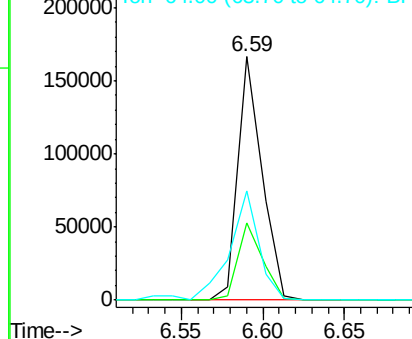
128 100

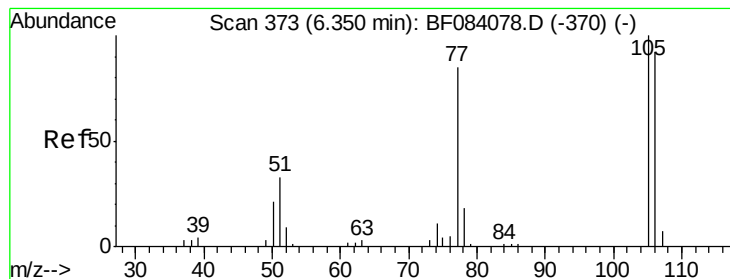
130 31.9 11.6 51.6

64 44.7 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: 25.75 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF084125.D

Acq: 25 Dec 2015 13:05

Instrument :

BNA_F

ClientSampleId :

PJ-SB-7(21.0-21.5)MS

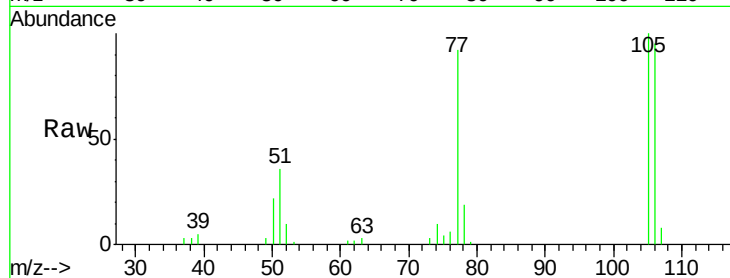
Tgt Ion: 77 Resp: 51177

Ion Ratio Lower Upper

77 100

105 108.8 83.0 123.0

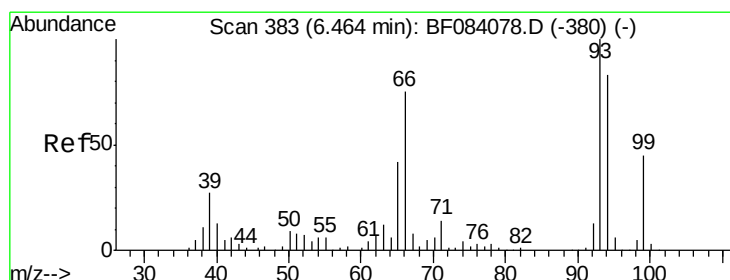
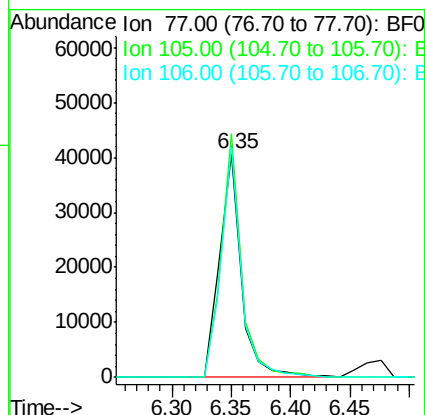
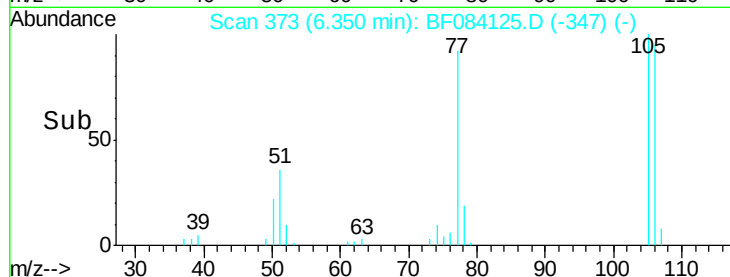
106 103.3 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 52.93 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.01 min

Lab File: BF084125.D

Acq: 25 Dec 2015 13:05

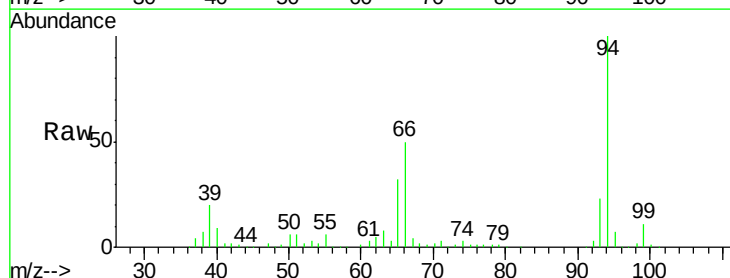
Tgt Ion: 94 Resp: 225010

Ion Ratio Lower Upper

94 100

65 31.7 12.9 52.9

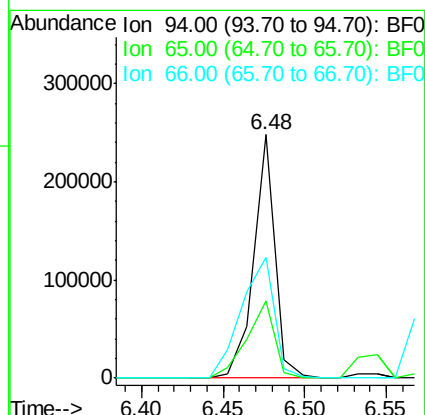
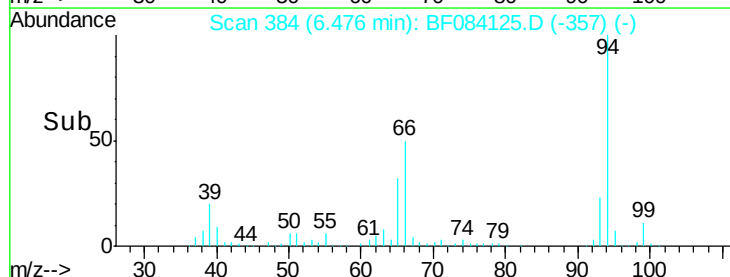
66 49.5 32.7 72.7

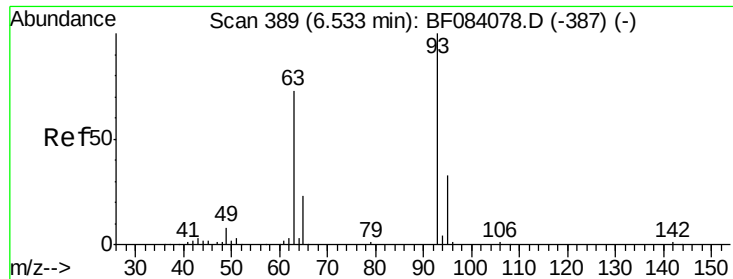


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

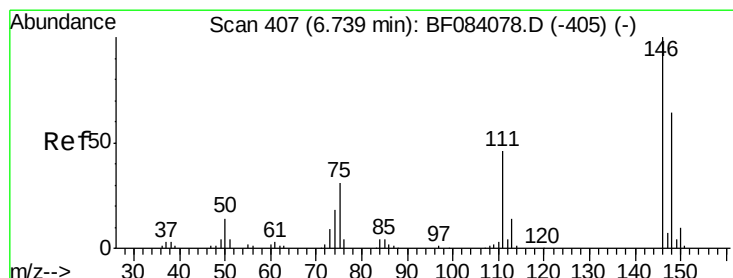
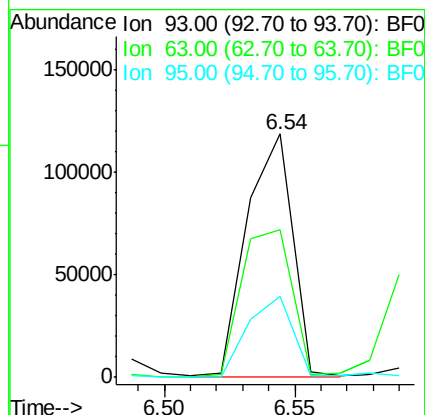
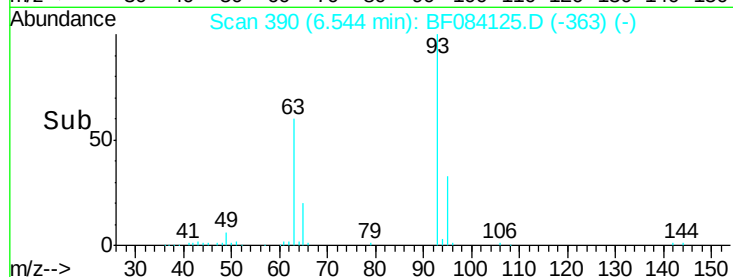
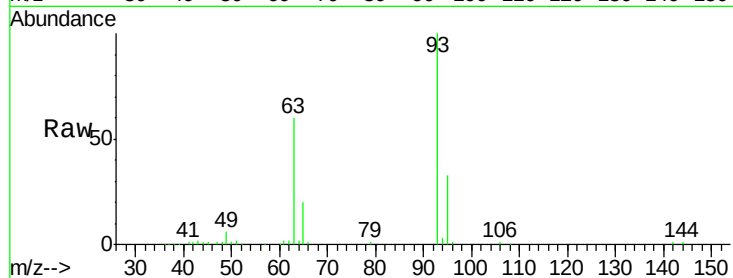




#11
bis(2-Chloroethyl)ether
Concen: 47.26 ng
RT: 6.54 min Scan# 390
Delta R.T. 0.01 min
Lab File: BF084125.D
Acq: 25 Dec 2015 13:05

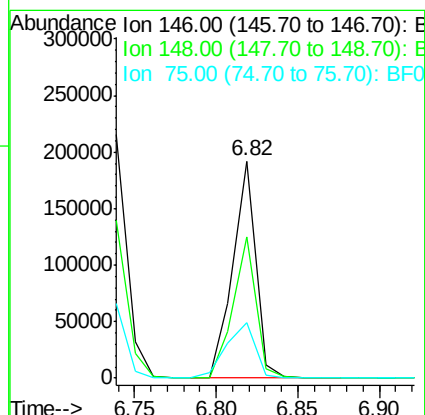
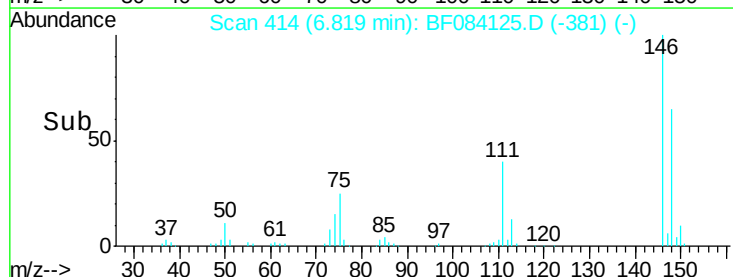
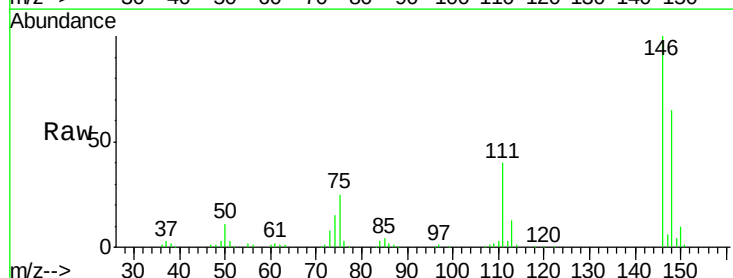
Instrument :
BNA_F
ClientSampleId :
PJ-SB-7(21.0-21.5)MS

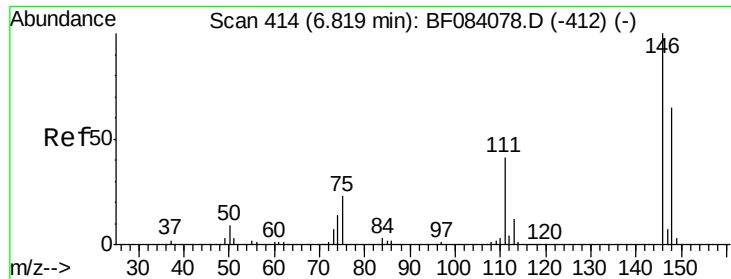
Tgt Ion: 93 Resp: 144880
Ion Ratio Lower Upper
93 100
63 60.5 45.9 85.9
95 33.2 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 45.76 ng
RT: 6.82 min Scan# 414
Delta R.T. 0.08 min
Lab File: BF084125.D
Acq: 25 Dec 2015 13:05

Tgt Ion: 146 Resp: 186373
Ion Ratio Lower Upper
146 100
148 65.4 51.9 77.9
75 25.4 20.5 30.7

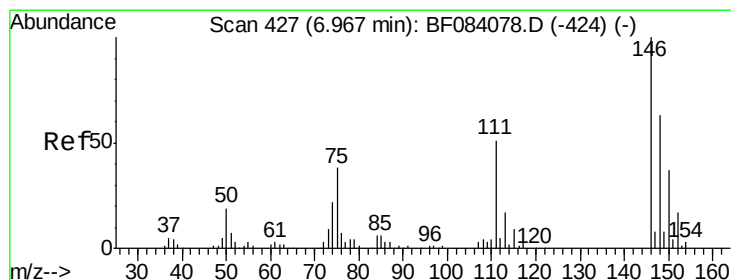
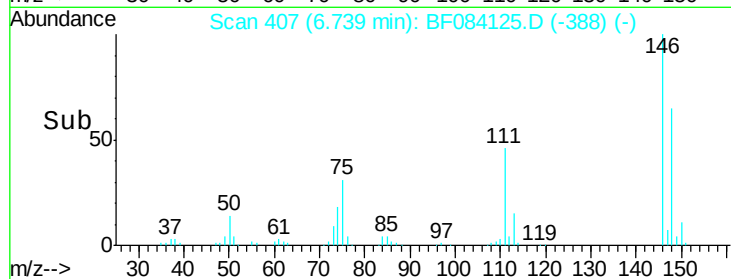
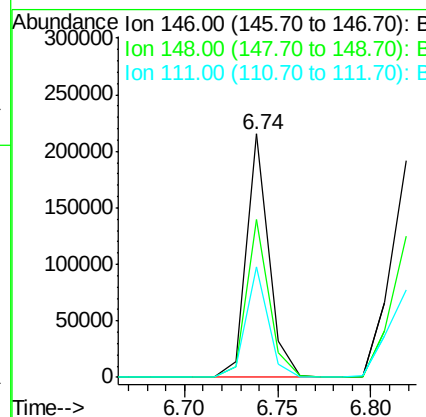
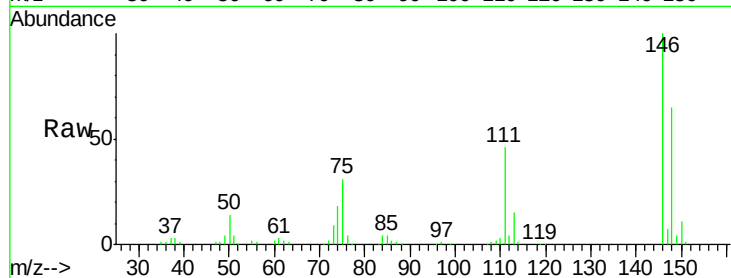




#13
 1,4-Dichlorobenzene
 Concen: 44.27 ng
 RT: 6.74 min Scan# 407
 Delta R.T. -0.08 min
 Lab File: BF084125.D
 Acq: 25 Dec 2015 13:05

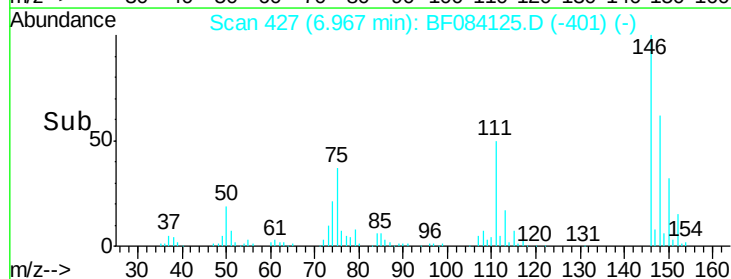
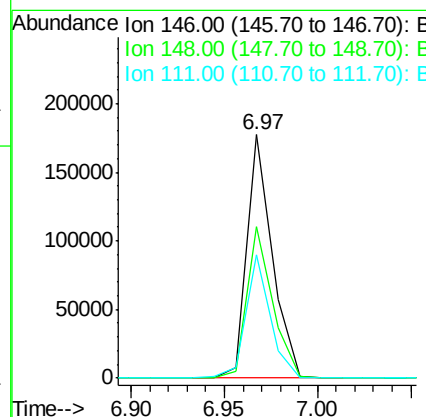
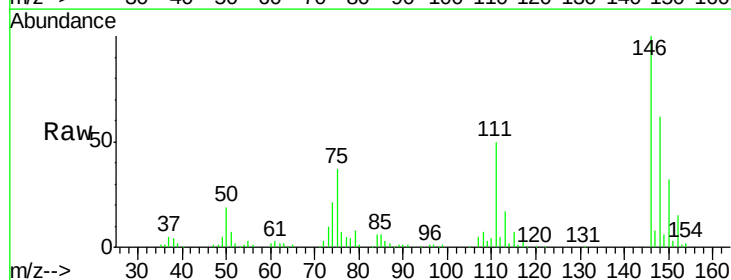
Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-7(21.0-21.5)MS

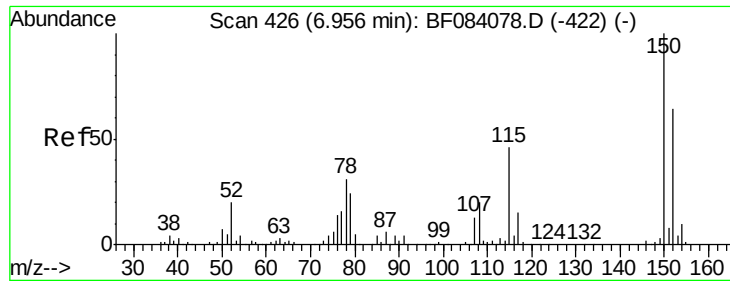
Tgt Ion:146 Resp: 181422
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.9 77.9
 111 45.6 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 44.22 ng
 RT: 6.97 min Scan# 427
 Delta R.T. 0.00 min
 Lab File: BF084125.D
 Acq: 25 Dec 2015 13:05

Tgt Ion:146 Resp: 167012
 Ion Ratio Lower Upper
 146 100
 148 62.1 51.6 77.4
 111 50.4 38.0 57.0

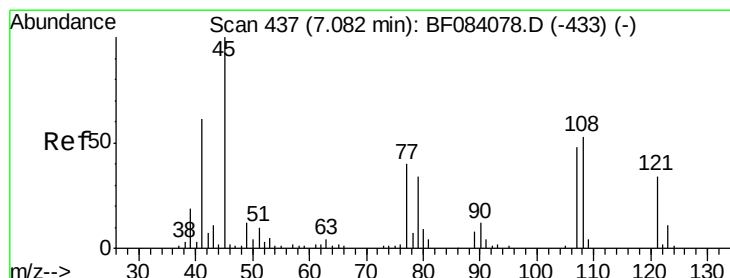
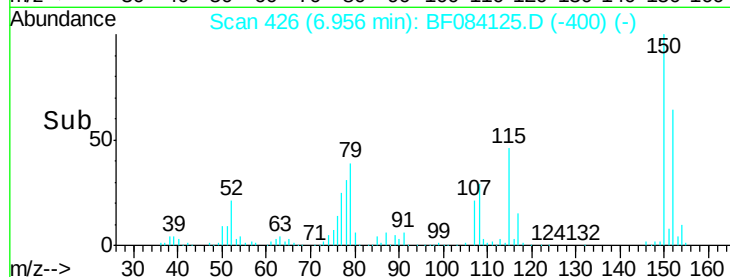
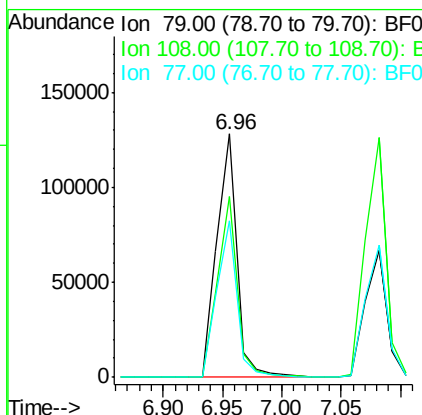
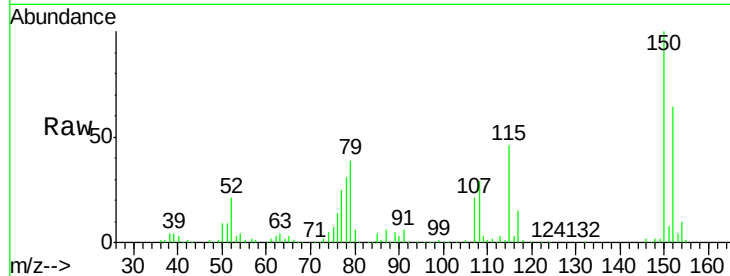




#15
Benzyl Alcohol
Concen: 52.95 ng
RT: 6.96 min Scan# 426
Delta R.T. 0.00 min
Lab File: BF084125.D
Acq: 25 Dec 2015 13:05

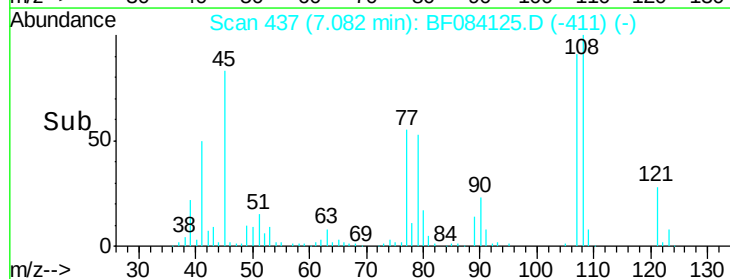
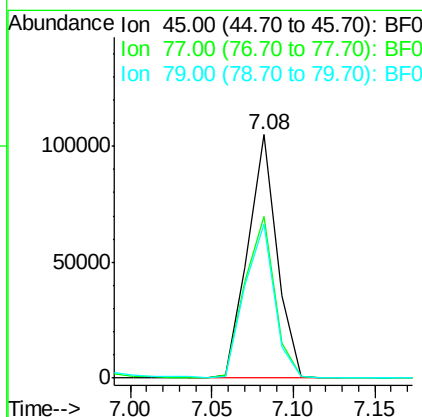
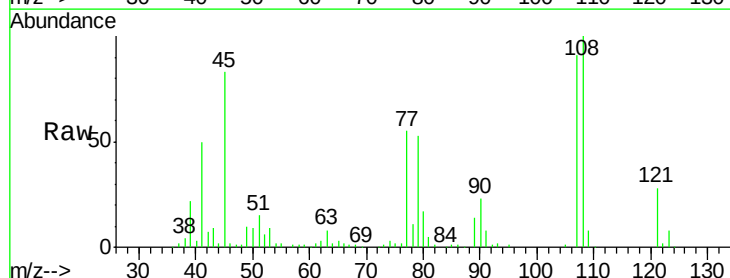
Instrument :
BNA_F
ClientSampleId :
PJ-SB-7(21.0-21.5)MS

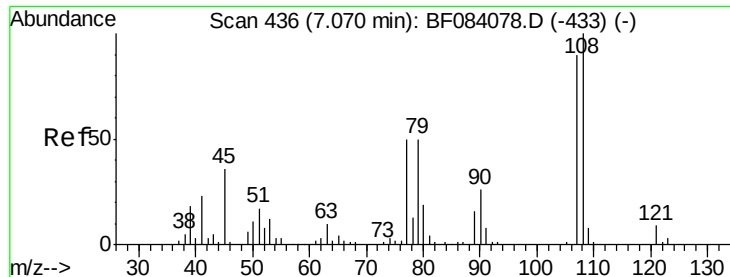
Tgt Ion: 79 Resp: 149057
Ion Ratio Lower Upper
79 100
108 74.2 69.0 103.4
77 64.5 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.49 ng
RT: 7.08 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF084125.D
Acq: 25 Dec 2015 13:05

Tgt Ion: 45 Resp: 130239
Ion Ratio Lower Upper
45 100
77 66.2 0.0 39.6#
79 63.5 0.0 35.0#





#17

2-Methylphenol

Concen: 48.12 ng

RT: 7.08 min Scan# 437

Delta R.T. 0.01 min

Lab File: BF084125.D

Acq: 25 Dec 2015 13:05

Instrument :

BNA_F

ClientSampleId :

PJ-SB-7(21.0-21.5)MS

Tgt Ion:107 Resp: 137818

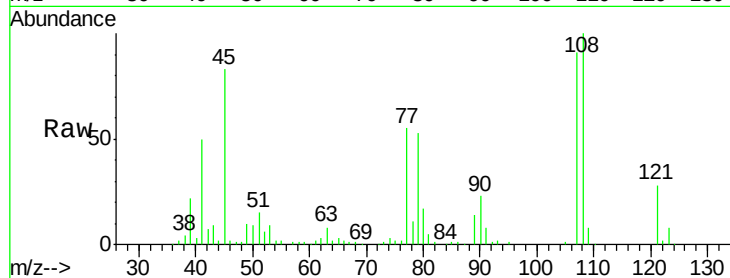
Ion Ratio Lower Upper

107 100

108 110.4 89.8 134.6

77 60.6 35.7 53.5#

79 58.2 35.7 53.5#

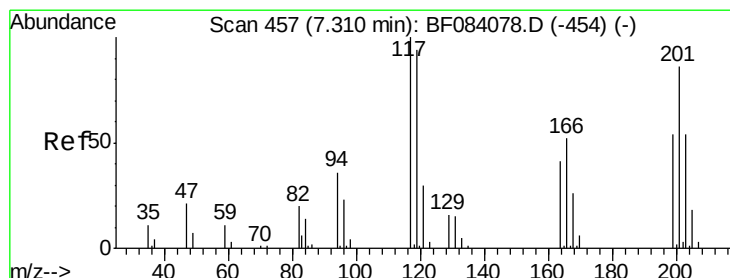
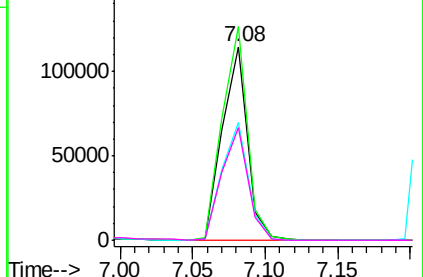
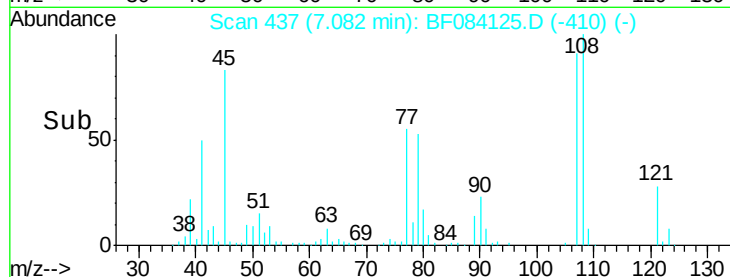


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 46.21 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF084125.D

Acq: 25 Dec 2015 13:05

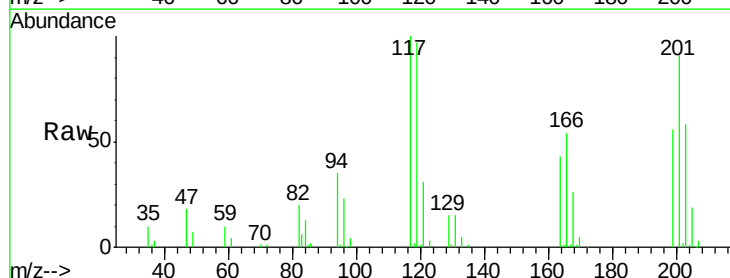
Tgt Ion:117 Resp: 69109

Ion Ratio Lower Upper

117 100

119 97.1 77.4 116.0

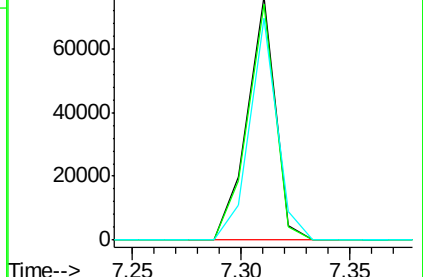
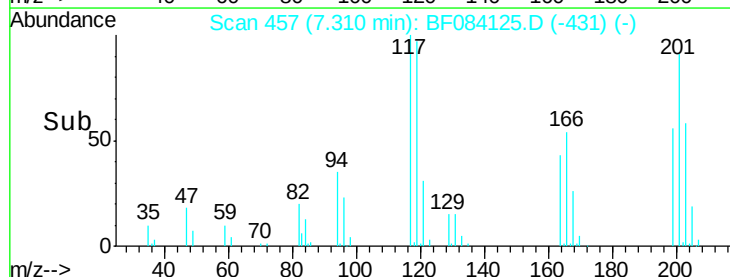
201 91.1 68.6 103.0

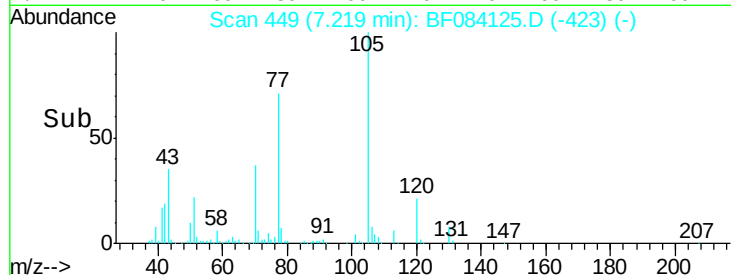
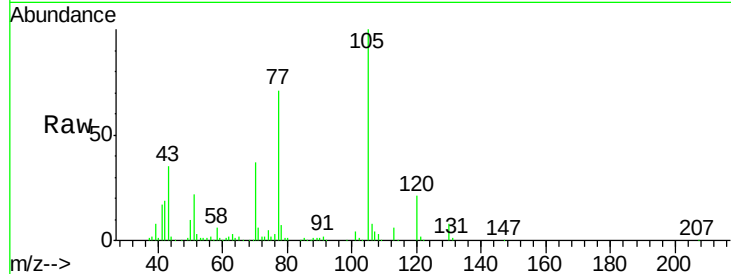
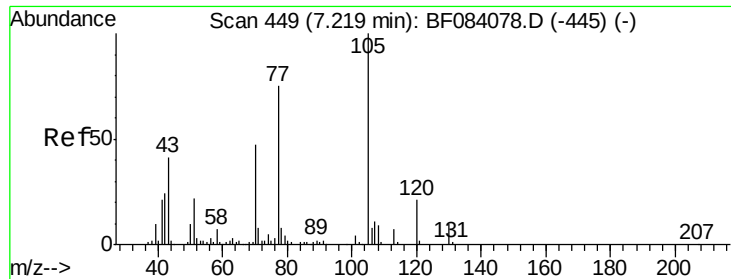


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

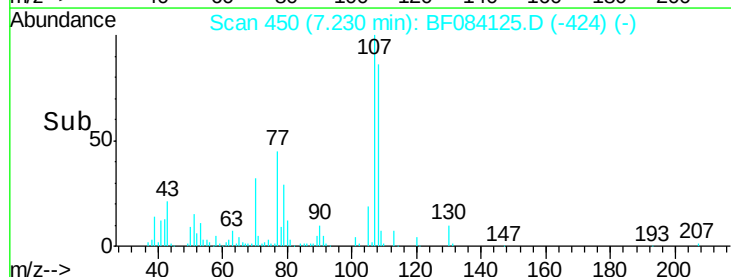
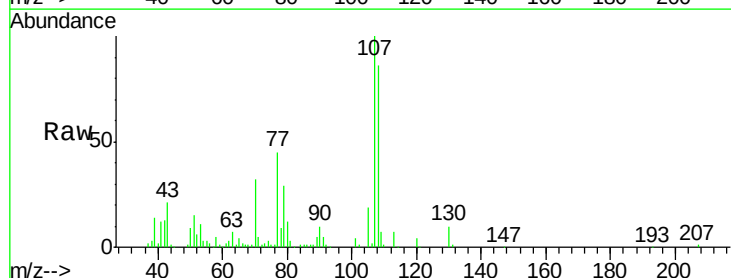
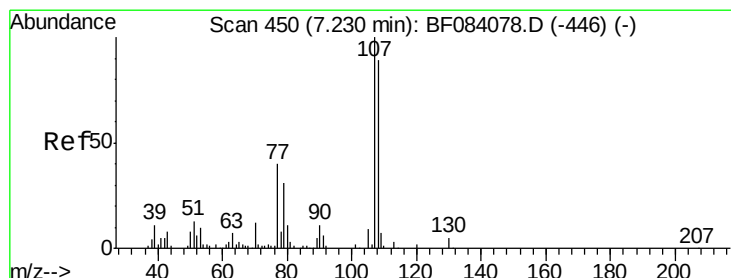
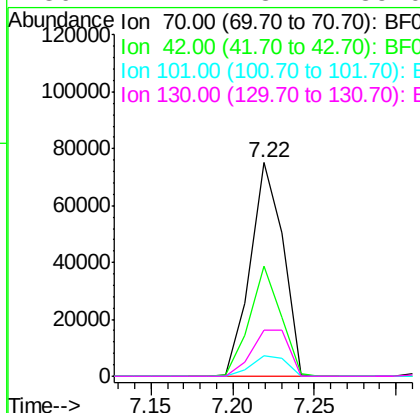




#19
n-Nitroso-di-n-propylamine
Concen: 45.65 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF084125.D
Acq: 25 Dec 2015 13:05

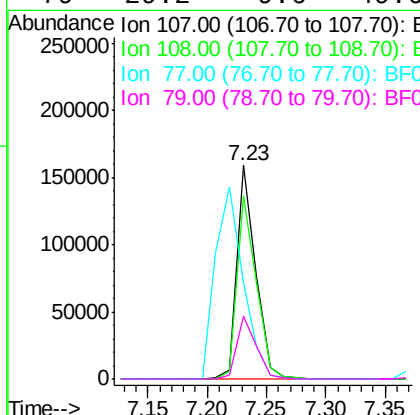
Instrument :
BNA_F
ClientSampleId :
PJ-SB-7(21.0-21.5)MS

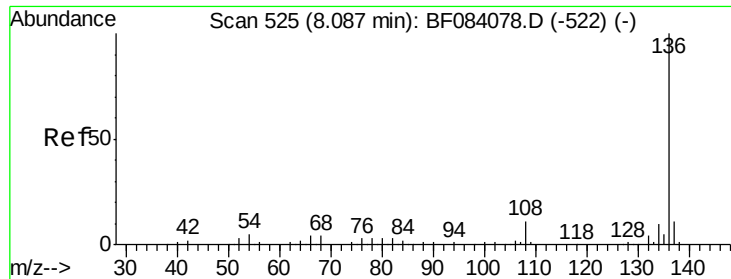
Tgt Ion: 70 Resp: 104512
Ion Ratio Lower Upper
70 100
42 51.7 33.3 49.9#
101 9.8 9.3 13.9
130 21.4 23.4 35.0#



#20
3+4-Methylphenols
Concen: 48.11 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF084125.D
Acq: 25 Dec 2015 13:05

Tgt Ion: 107 Resp: 175782
Ion Ratio Lower Upper
107 100
108 85.6 64.1 104.1
77 45.2 128.9 168.9#
79 29.2 9.6 49.6

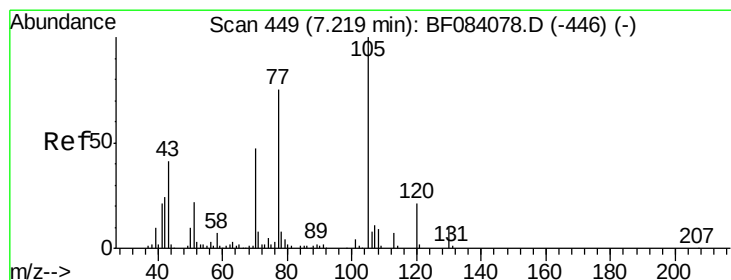
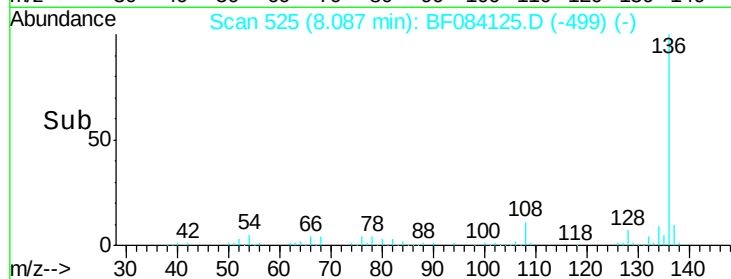
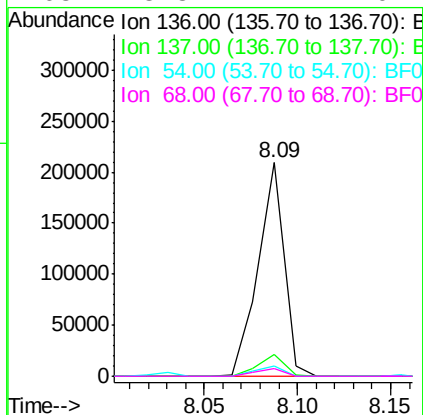
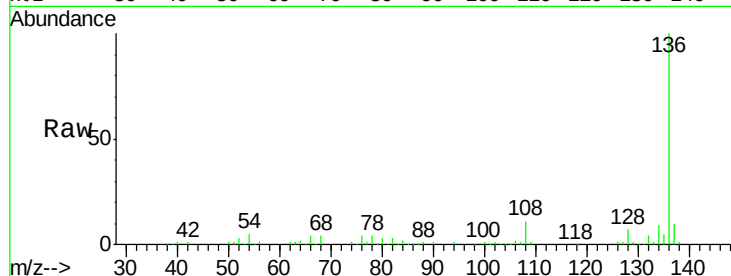




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF084125.D
Acq: 25 Dec 2015 13:05

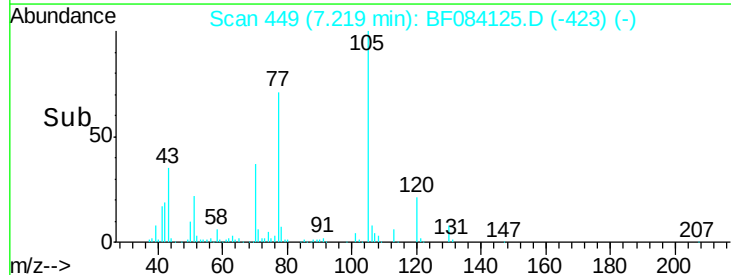
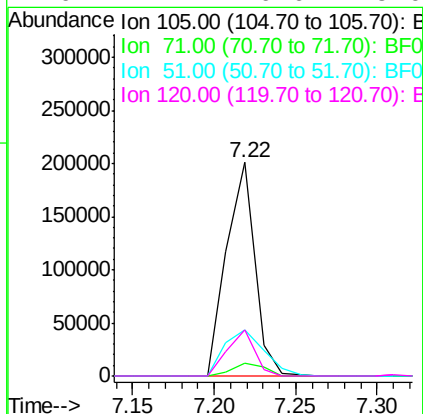
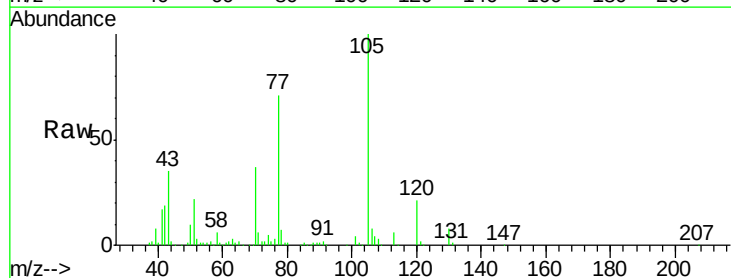
Instrument :
BNA_F
ClientSampleId :
PJ-SB-7(21.0-21.5)MS

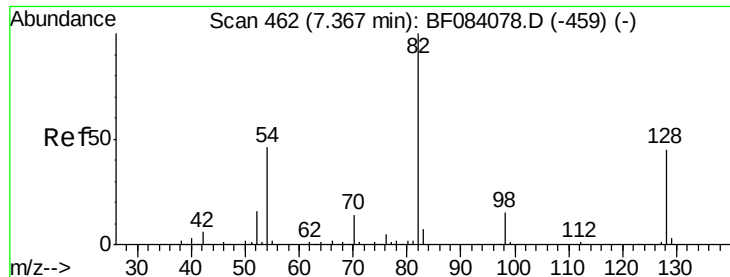
Tgt Ion:	136	Resp:	200984
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.7	13.1
54	5.0	5.8	8.8#
68	3.8	4.2	6.2#



#22
Acetophenone
Concen: 47.92 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF084125.D
Acq: 25 Dec 2015 13:05

Tgt Ion:	105	Resp:	240634
Ion Ratio	Lower	Upper	
105	100		
71	6.0	3.7	5.5#
51	21.7	25.1	37.7#
120	21.4	16.6	25.0

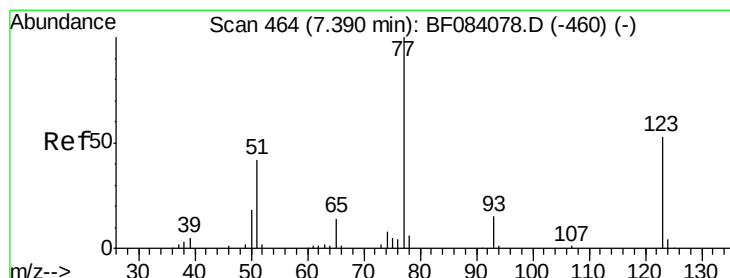
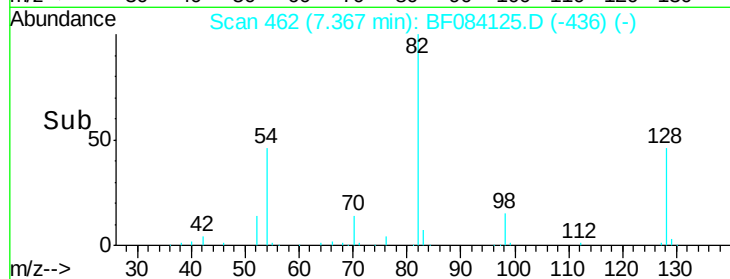
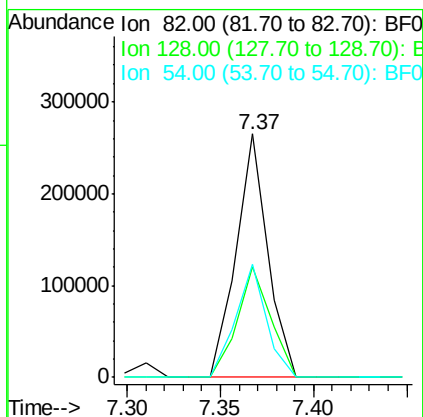
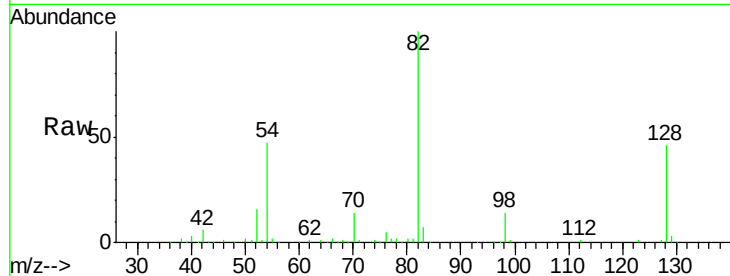




#23
 Nitrobenzene-d5
 Concen: 91.00 ng
 RT: 7.37 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF084125.D
 Acq: 25 Dec 2015 13:05

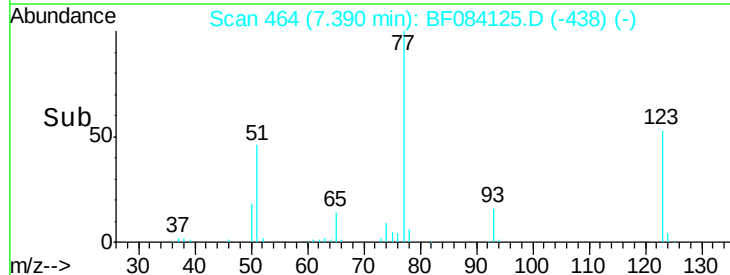
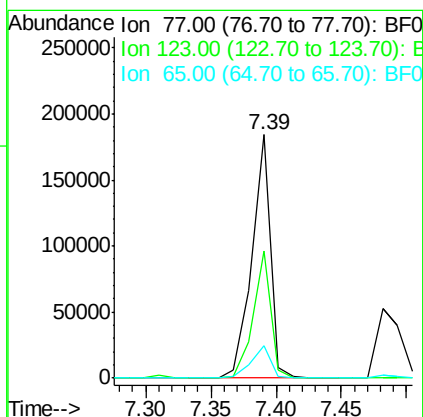
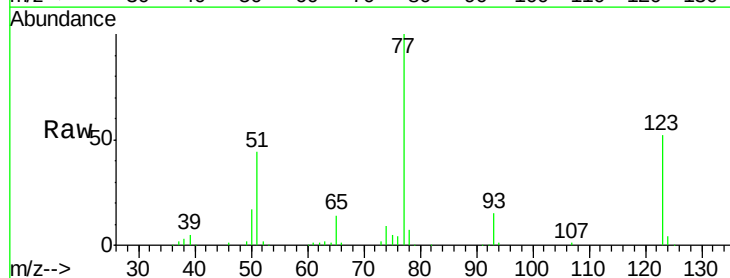
Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-7(21.0-21.5)MS

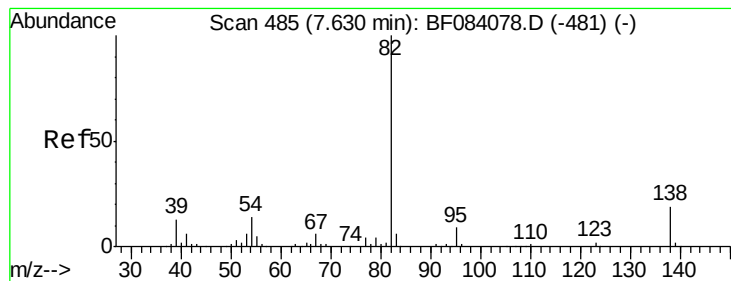
Tgt Ion: 82 Resp: 312470
 Ion Ratio Lower Upper
 82 100
 128 45.6 34.6 51.8
 54 46.6 38.4 57.6



#24
 Nitrobenzene
 Concen: 50.08 ng
 RT: 7.39 min Scan# 464
 Delta R.T. 0.00 min
 Lab File: BF084125.D
 Acq: 25 Dec 2015 13:05

Tgt Ion: 77 Resp: 182573
 Ion Ratio Lower Upper
 77 100
 123 52.3 37.4 56.2
 65 13.6 10.9 16.3





#25

Isophorone

Concen: 47.75 ng

RT: 7.63 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF084125.D

Acq: 25 Dec 2015 13:05

Instrument :

BNA_F

ClientSampleId :

PJ-SB-7(21.0-21.5)MS

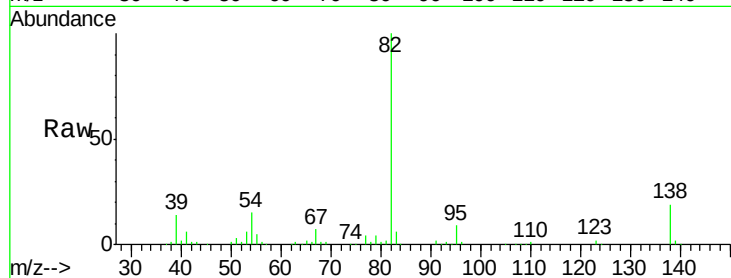
Tgt Ion: 82 Resp: 303272

Ion Ratio Lower Upper

82 100

95 8.6 6.6 10.0

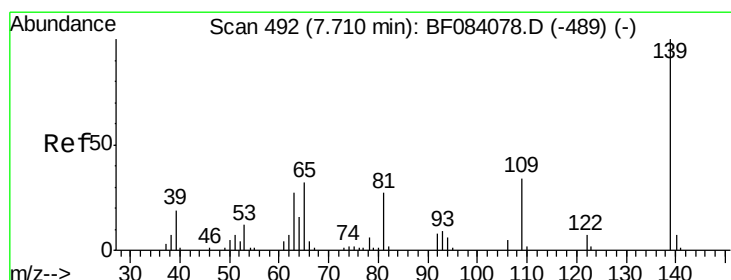
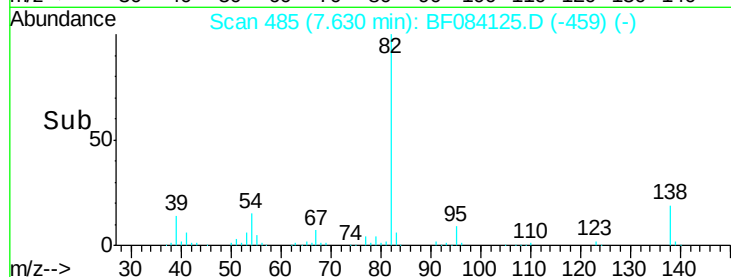
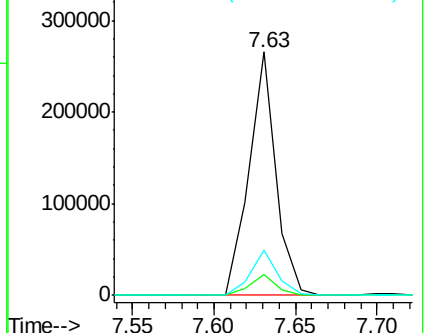
138 18.8 13.6 20.4



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: 49.76 ng

RT: 7.71 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF084125.D

Acq: 25 Dec 2015 13:05

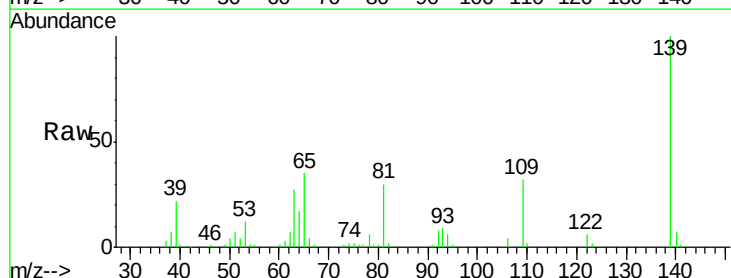
Tgt Ion: 139 Resp: 92850

Ion Ratio Lower Upper

139 100

109 31.8 25.4 38.2

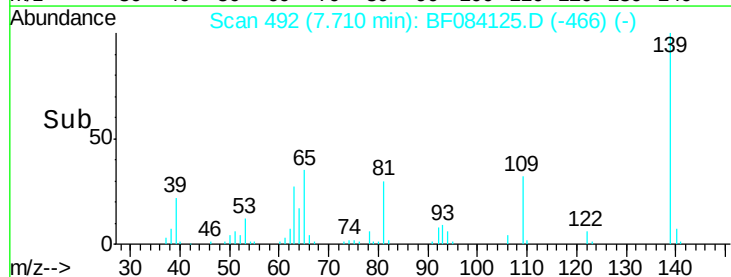
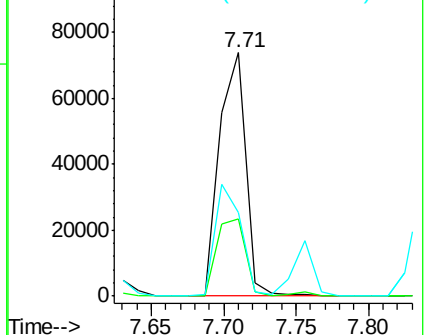
65 34.5 32.3 48.5

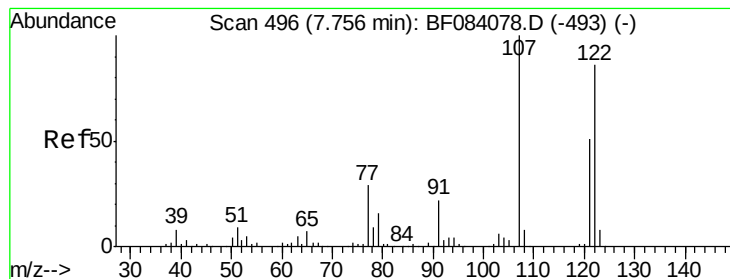


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 50.38 ng

RT: 7.76 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF084125.D

Acq: 25 Dec 2015 13:05

Instrument :

BNA_F

ClientSampleId :

PJ-SB-7(21.0-21.5)MS

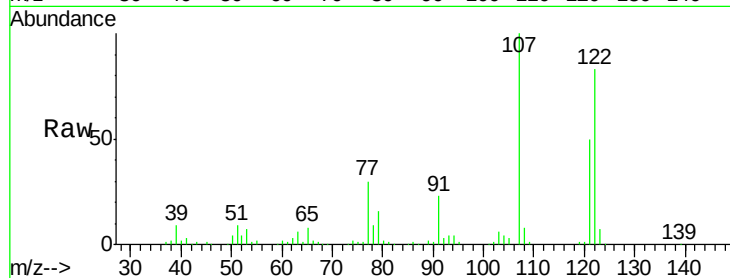
Tgt Ion:122 Resp: 156004

Ion Ratio Lower Upper

122 100

107 120.9 99.1 148.7

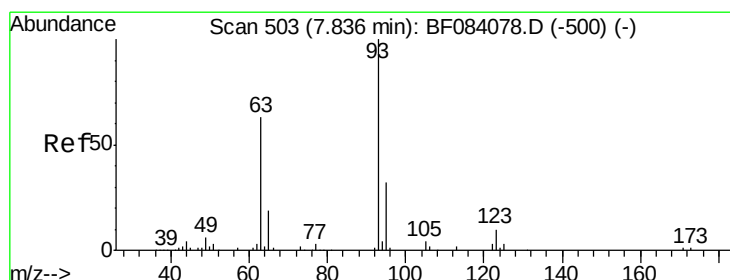
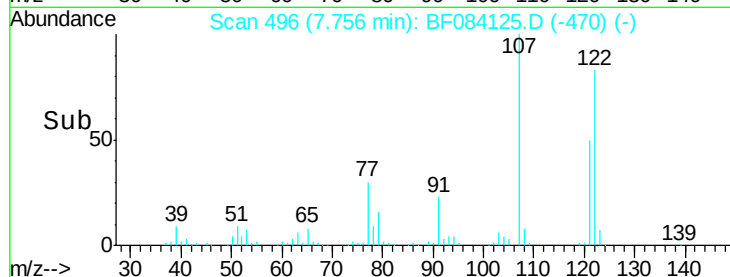
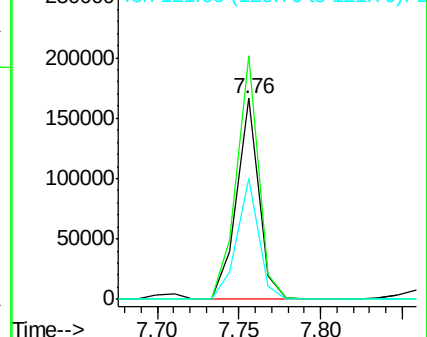
121 60.0 47.9 71.9



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: 46.59 ng

RT: 7.84 min Scan# 503

Delta R.T. 0.00 min

Lab File: BF084125.D

Acq: 25 Dec 2015 13:05

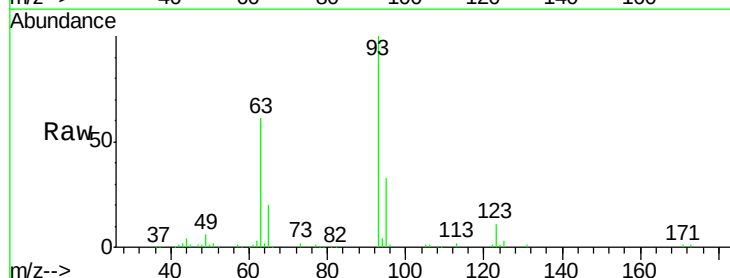
Tgt Ion: 93 Resp: 172524

Ion Ratio Lower Upper

93 100

95 32.7 25.8 38.6

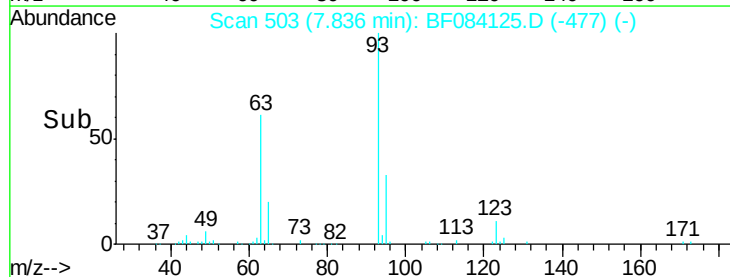
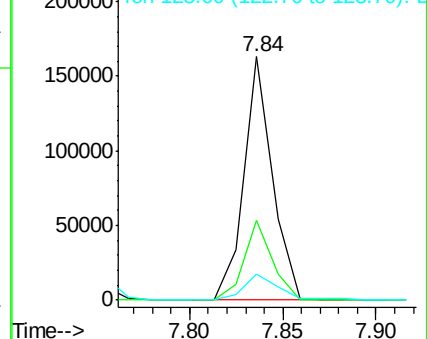
123 10.6 8.6 12.8

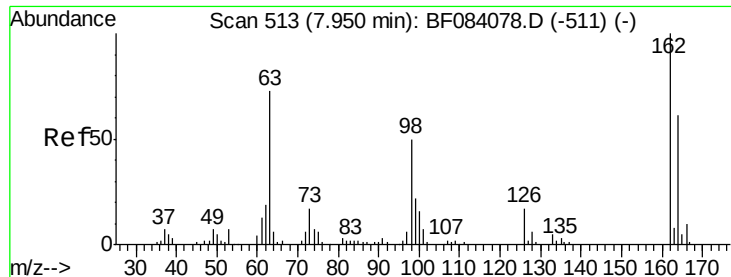


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

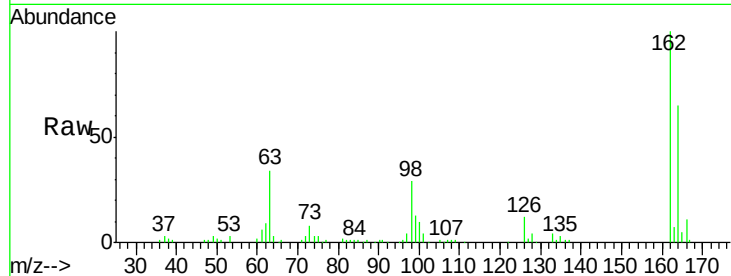




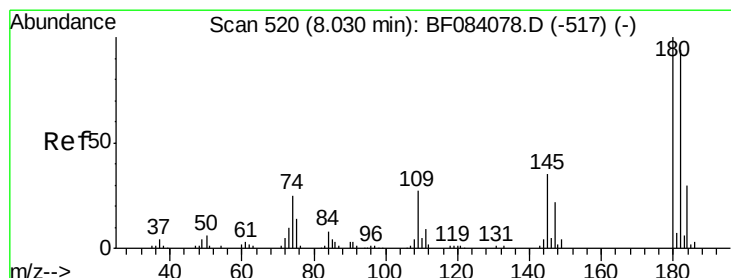
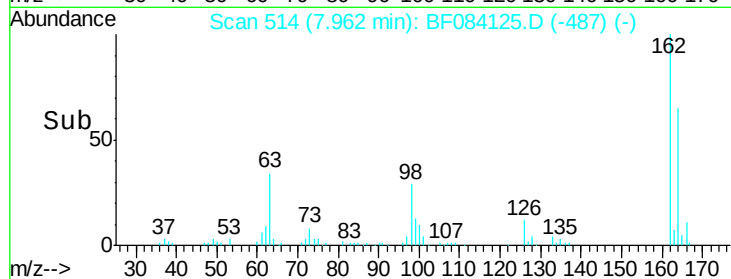
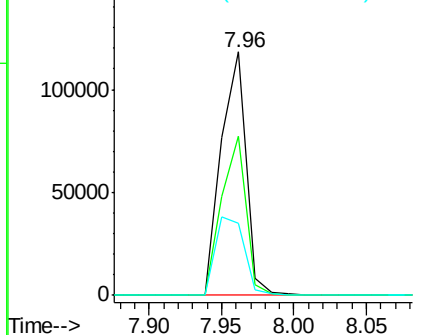
#29
 2,4-Dichlorophenol
 Concen: 49.16 ng
 RT: 7.96 min Scan# 514
 Delta R.T. 0.01 min
 Lab File: BF084125.D
 Acq: 25 Dec 2015 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-7(21.0-21.5)MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	141383		
164	65.3	44.1	84.1	
98	29.4	20.2	60.2	

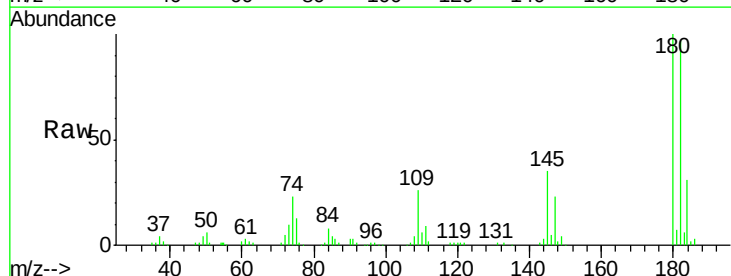


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

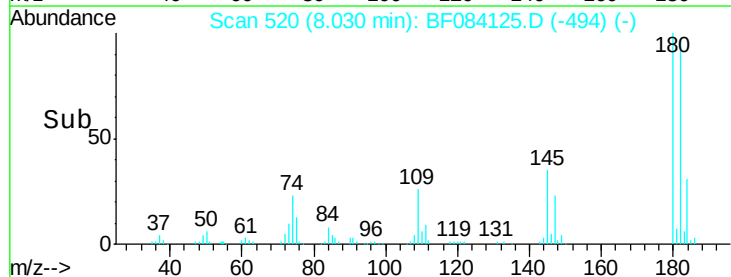
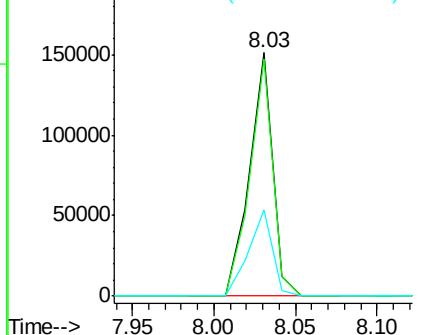


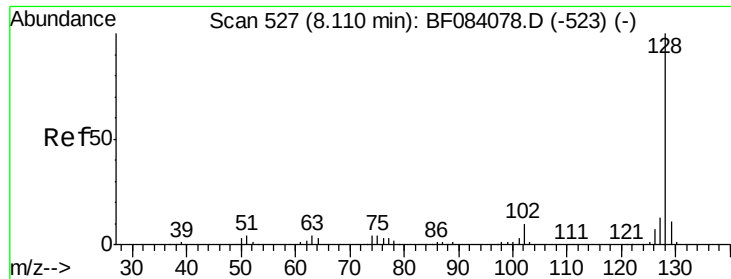
#30
 1,2,4-Trichlorobenzene
 Concen: 47.36 ng
 RT: 8.03 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF084125.D
 Acq: 25 Dec 2015 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	149280		
182	97.4	76.4	114.6	
145	35.4	31.6	47.4	



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

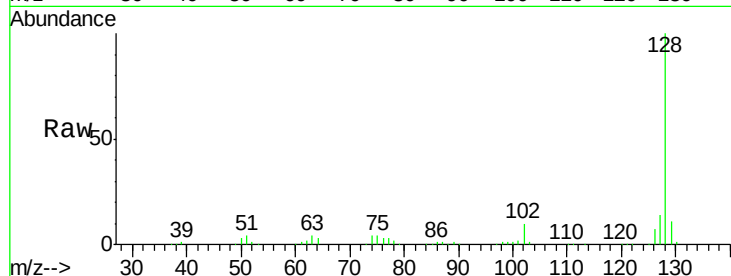




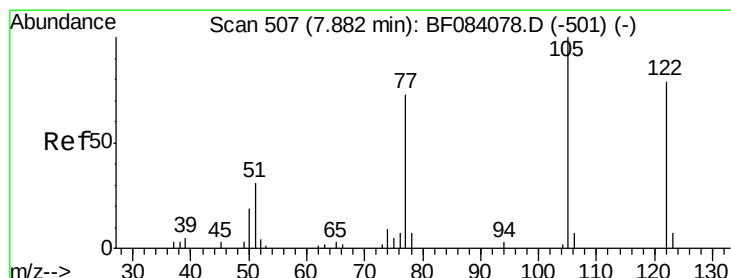
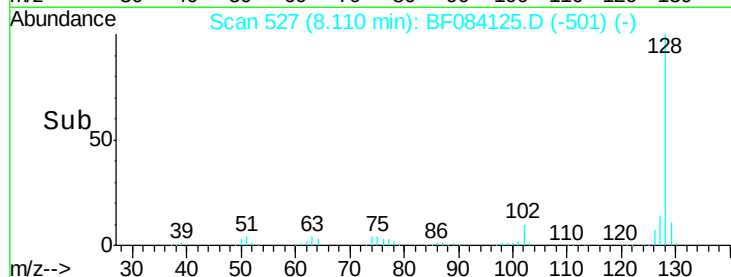
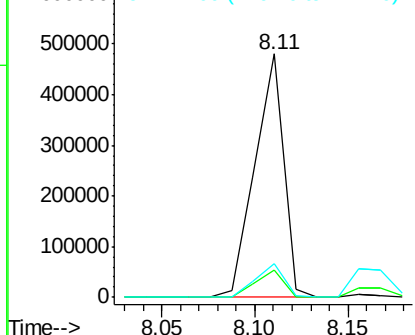
#31
Naphthalene
Concen: 47.91 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF084125.D
Acq: 25 Dec 2015 13:05

Instrument :
BNA_F
ClientSampleId :
PJ-SB-7(21.0-21.5)MS

Tgt Ion:128 Resp: 512270
Ion Ratio Lower Upper
128 100
129 11.0 9.1 13.7
127 13.6 11.1 16.7

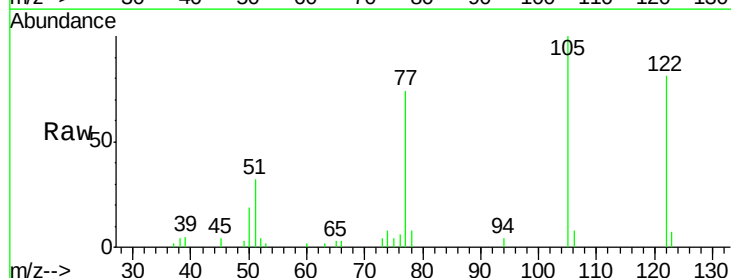


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

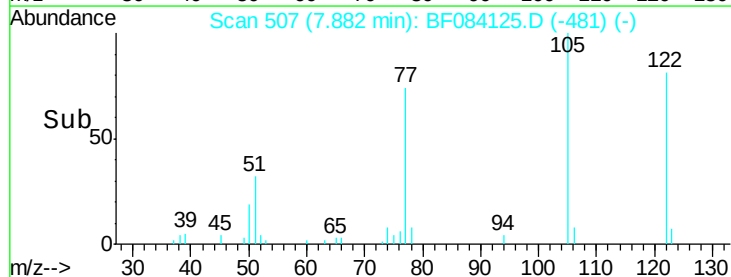
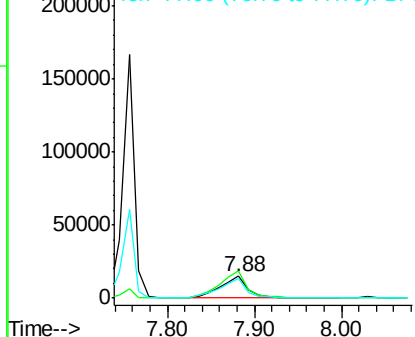


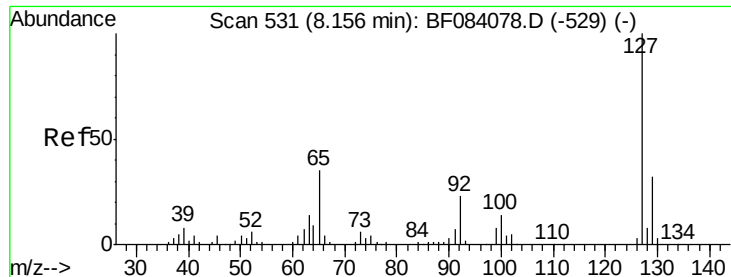
#32
Benzoic acid
Concen: 23.16 ng
RT: 7.88 min Scan# 507
Delta R.T. 0.00 min
Lab File: BF084125.D
Acq: 25 Dec 2015 13:05

Tgt Ion:122 Resp: 34385
Ion Ratio Lower Upper
122 100
105 123.6 100.3 140.3
77 91.9 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

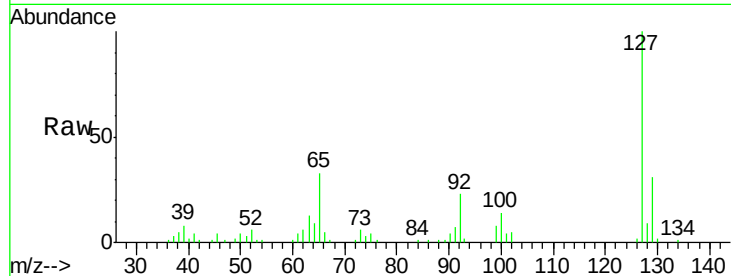




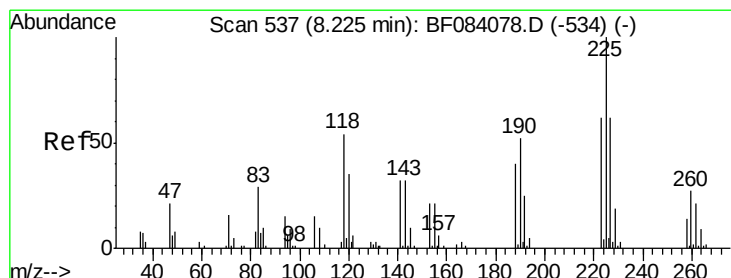
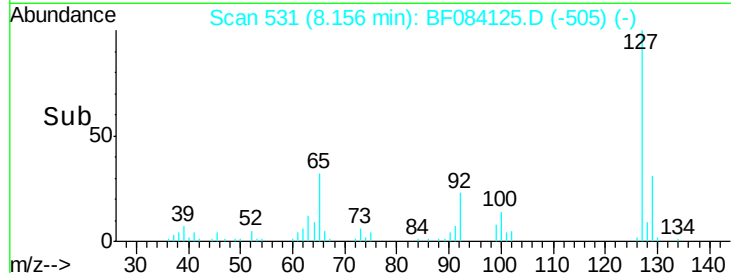
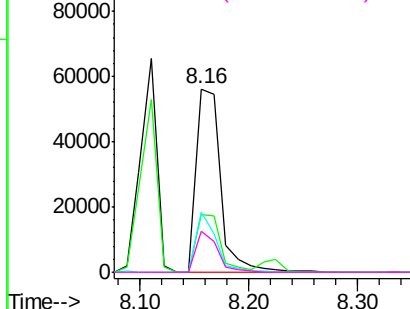
#33
4-Chloroaniline
Concen: 20.62 ng
RT: 8.16 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF084125.D
Acq: 25 Dec 2015 13:05

Instrument :
BNA_F
ClientSampleId :
PJ-SB-7(21.0-21.5)MS

Tgt Ion:	127	Resp:	87737
Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.5	39.7
65	32.7	27.2	40.8
92	22.6	17.7	26.5

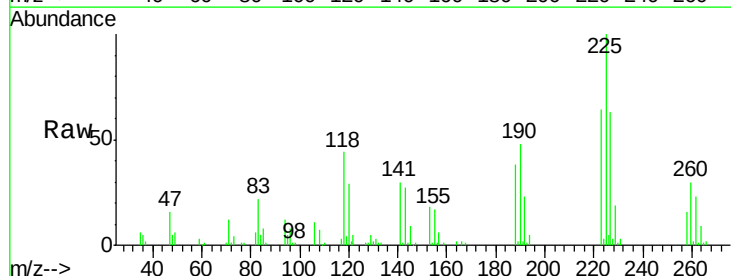


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

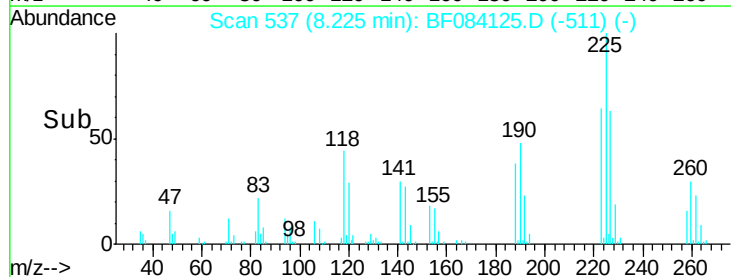
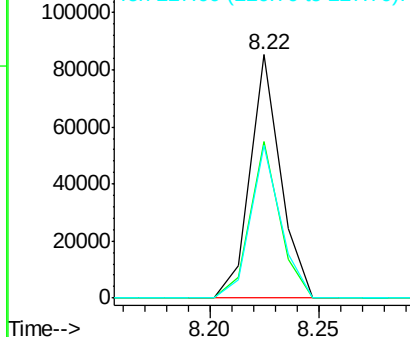


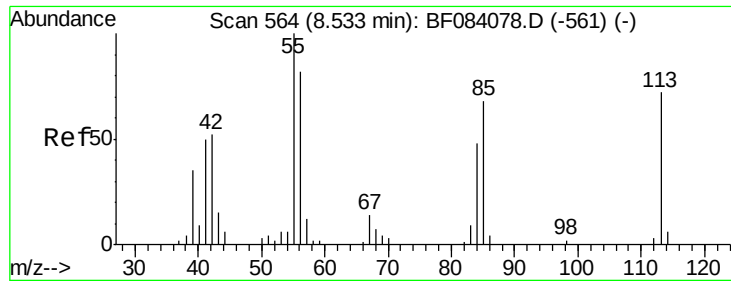
#34
Hexachlorobutadiene
Concen: 46.03 ng
RT: 8.22 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF084125.D
Acq: 25 Dec 2015 13:05

Tgt Ion:	225	Resp:	82753
Ion	Ratio	Lower	Upper
225	100		
223	64.3	49.4	74.0
227	62.8	50.8	76.2



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

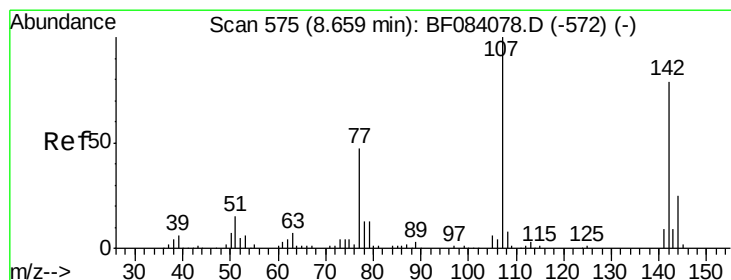
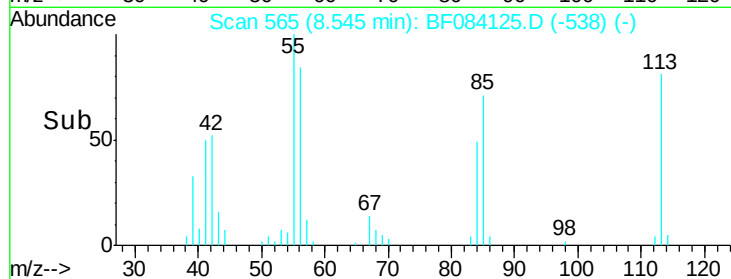
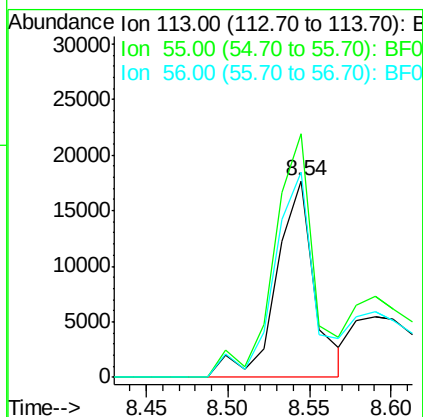
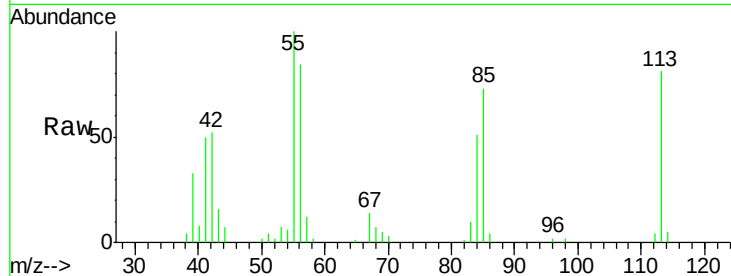




#35
 Caprolactam
 Concen: 36.29 ng
 RT: 8.54 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: BF084125.D
 Acq: 25 Dec 2015 13:05

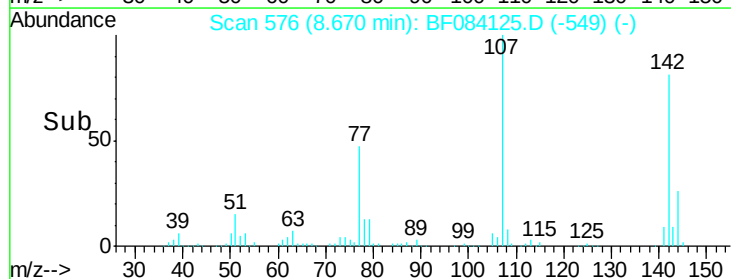
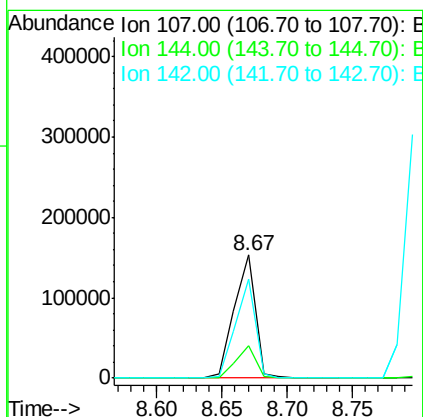
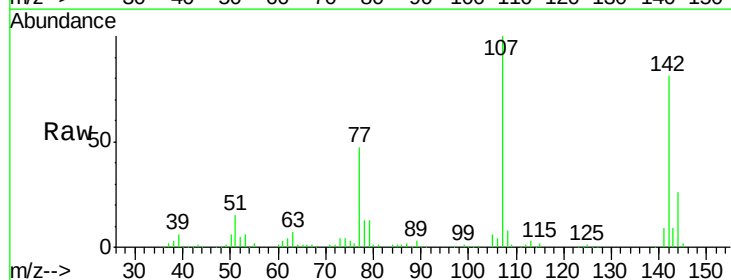
Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-7(21.0-21.5)MS

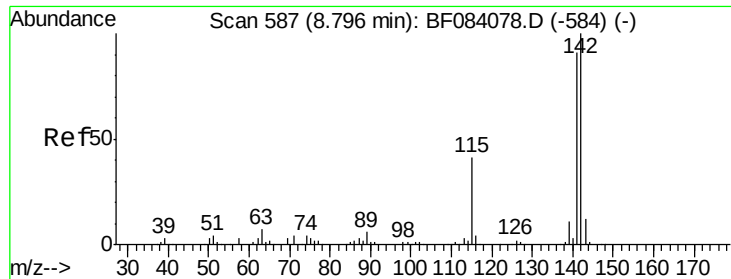
Tgt Ion:113 Resp: 28947
 Ion Ratio Lower Upper
 113 100
 55 124.0 116.9 156.9
 56 104.6 93.8 133.8



#36
 4-Chloro-3-methylphenol
 Concen: 52.94 ng
 RT: 8.67 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF084125.D
 Acq: 25 Dec 2015 13:05

Tgt Ion:107 Resp: 171196
 Ion Ratio Lower Upper
 107 100
 144 26.0 19.7 29.5
 142 80.8 61.8 92.6

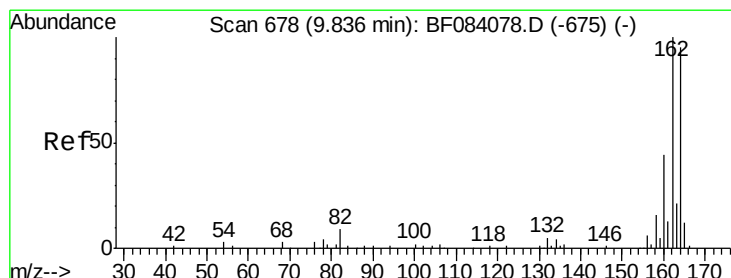
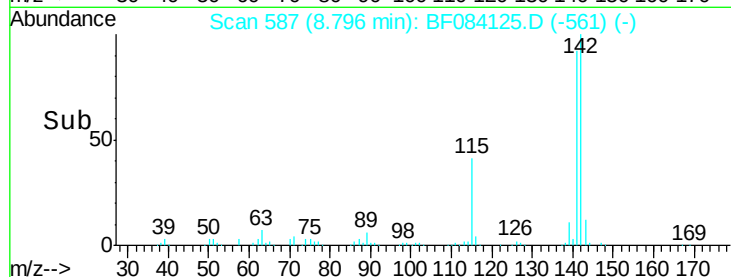
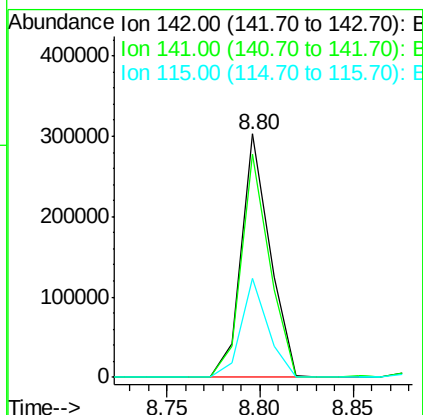
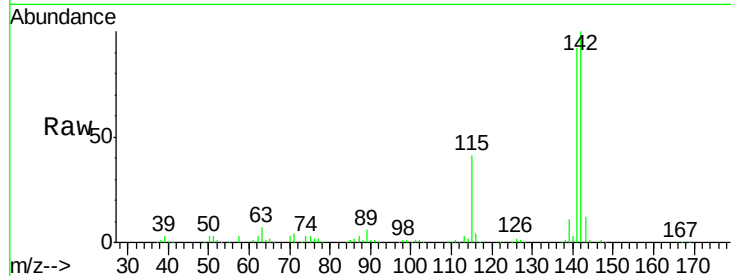




#37
 2-Methylnaphthalene
 Concen: 48.18 ng
 RT: 8.80 min Scan# 587
 Delta R.T. 0.00 min
 Lab File: BF084125.D
 Acq: 25 Dec 2015 13:05

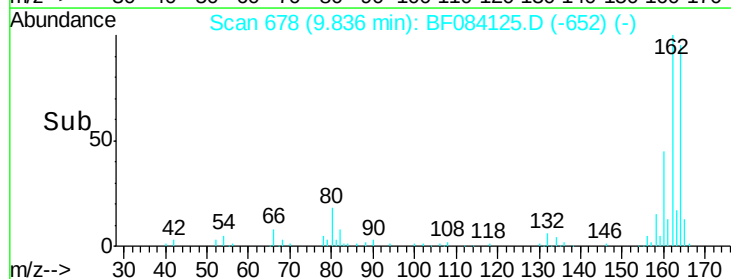
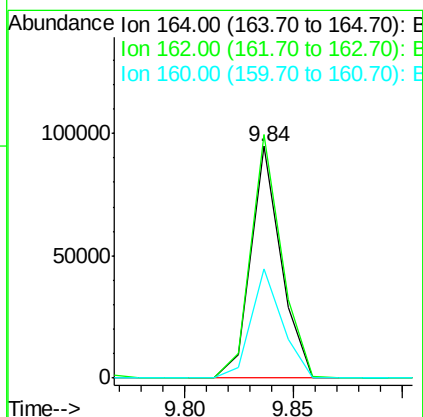
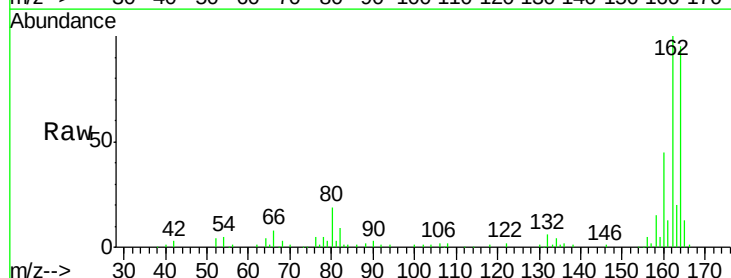
Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-7(21.0-21.5)MS

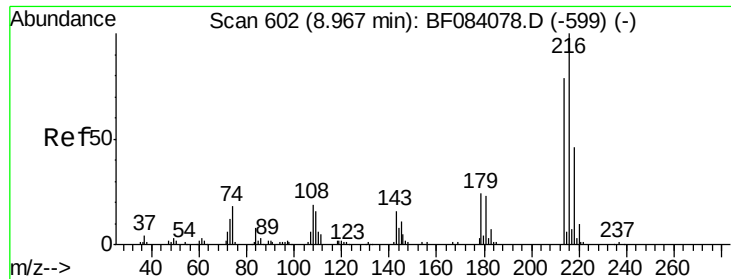
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	72.4	108.6
115	40.8	27.9	41.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF084125.D
 Acq: 25 Dec 2015 13:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	85.1	127.7
160	46.9	37.5	56.3

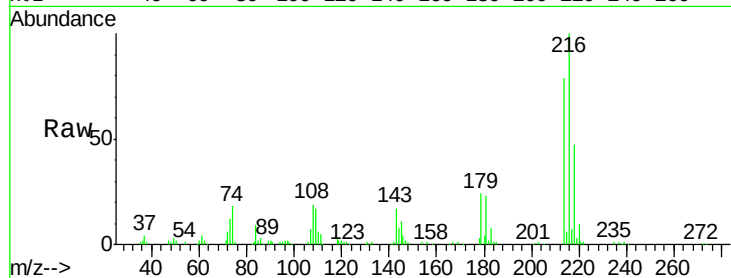




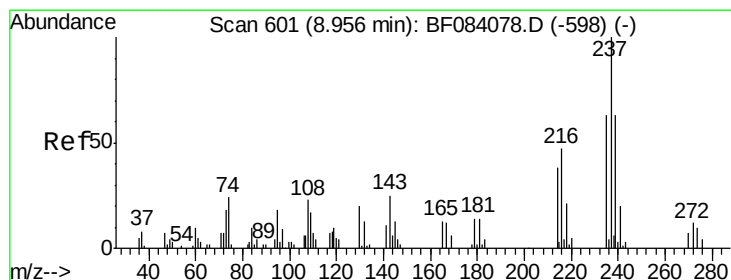
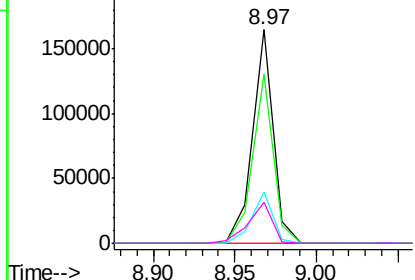
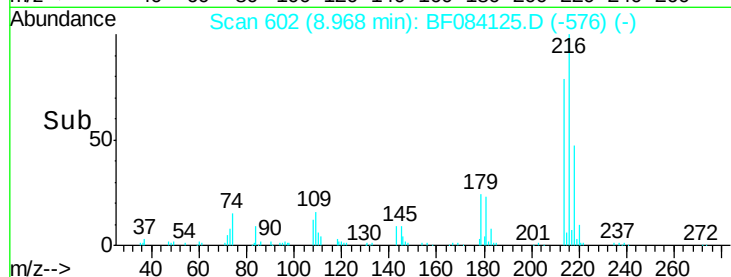
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 50.43 ng
 RT: 8.97 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: BF084125.D
 Acq: 25 Dec 2015 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-7(21.0-21.5)MS

Tgt Ion:	216	Resp:	145314
Ion	Ratio	Lower	Upper
216	100		
214	78.8	64.2	96.2
179	24.2	18.7	28.1
108	21.8	16.8	25.2

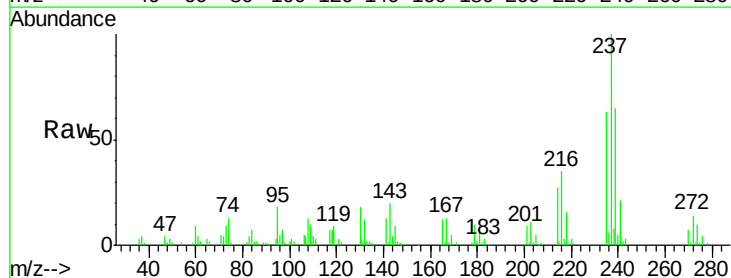


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

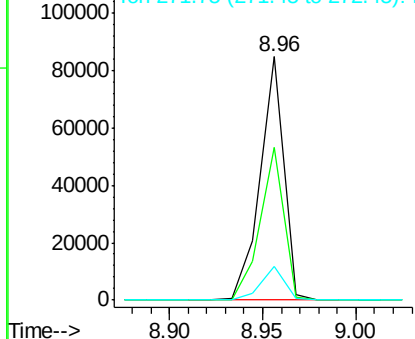
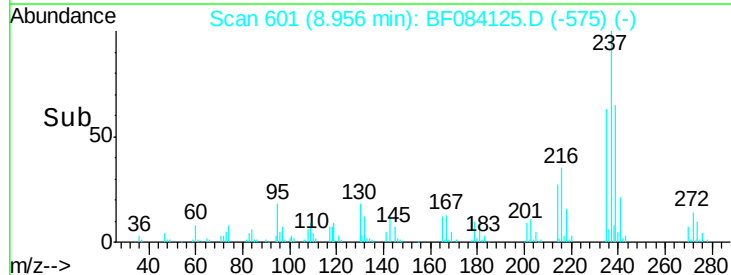


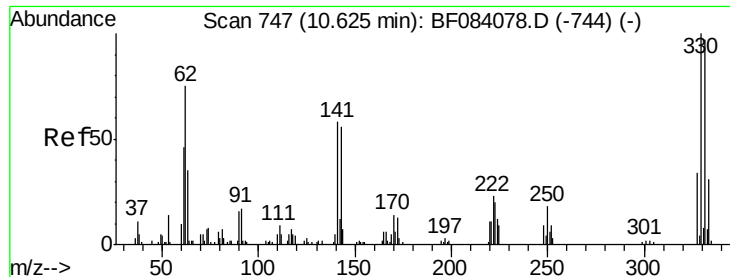
#40
 Hexachlorocyclopentadiene
 Concen: 85.99 ng
 RT: 8.96 min Scan# 601
 Delta R.T. 0.00 min
 Lab File: BF084125.D
 Acq: 25 Dec 2015 13:05

Tgt Ion:	237	Resp:	74322
Ion	Ratio	Lower	Upper
237	100		
235	62.6	43.1	83.1
272	13.7	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

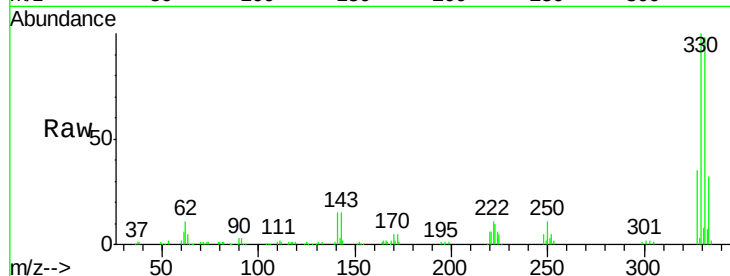




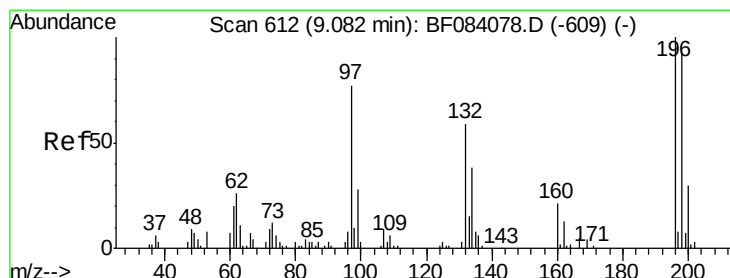
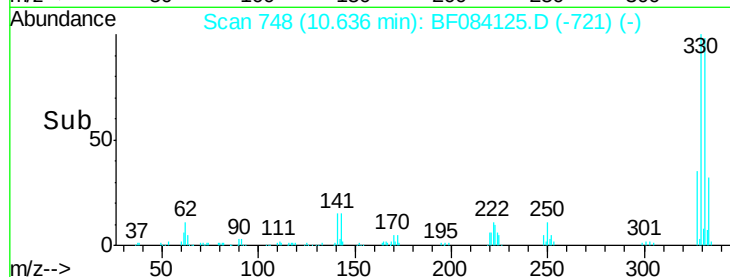
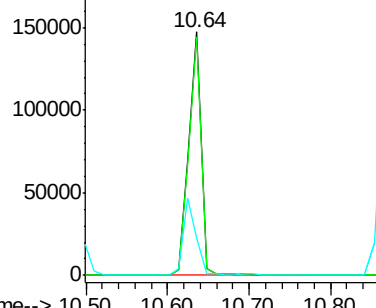
#41
 2,4,6-Tribromophenol
 Concen: 162.03 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.01 min
 Lab File: BF084125.D
 Acq: 25 Dec 2015 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-7(21.0-21.5)MS

Tgt Ion:330 Resp: 157930
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.6 114.8
 141 32.8 27.8 41.6

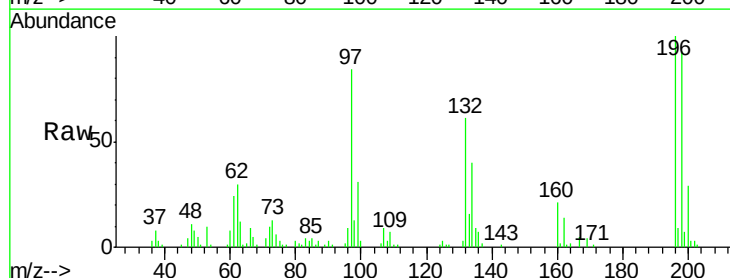


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

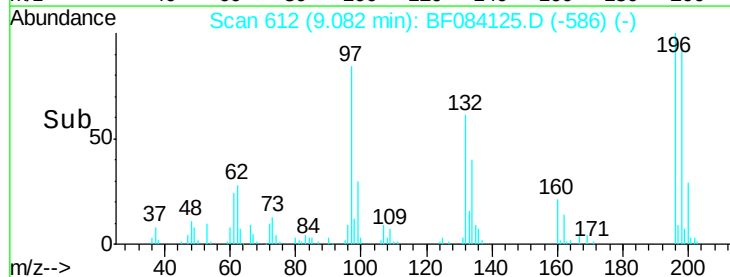
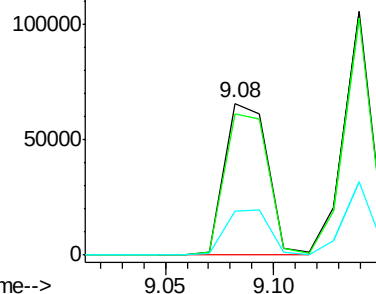


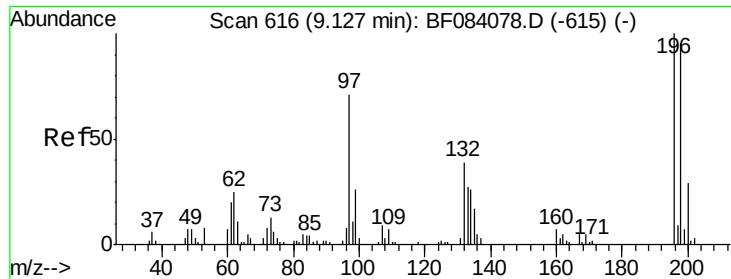
#42
 2,4,6-Trichlorophenol
 Concen: 48.08 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF084125.D
 Acq: 25 Dec 2015 13:05

Tgt Ion:196 Resp: 90333
 Ion Ratio Lower Upper
 196 100
 198 93.4 77.7 116.5
 200 29.4 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

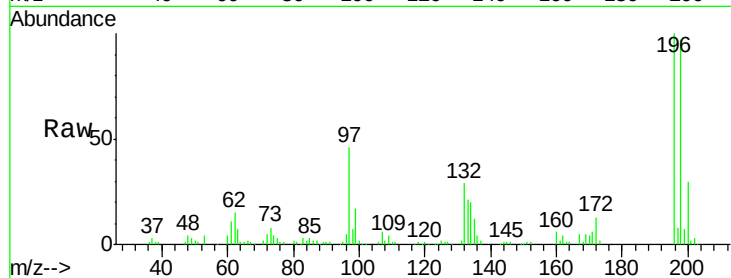




#43
 2,4,5-Trichlorophenol
 Concen: 51.92 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF084125.D
 Acq: 25 Dec 2015 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-7(21.0-21.5)MS

Tgt Ion	Resp	Lower	Upper
196	97625		
196	100		
198	97.4	79.0	118.6
97	46.0	33.0	49.6
132	29.3	21.1	31.7



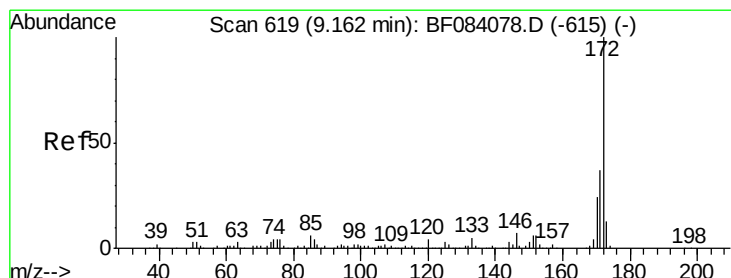
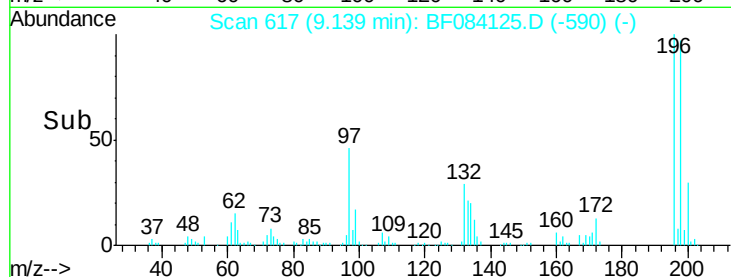
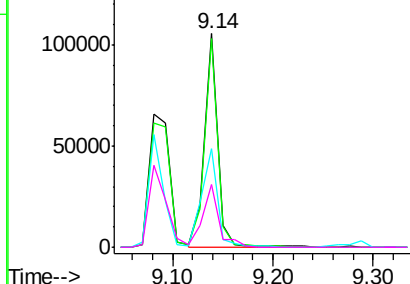
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

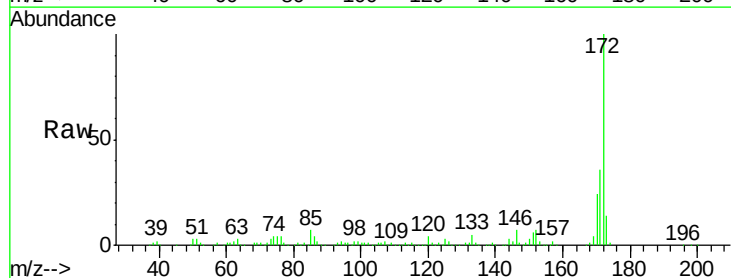
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 89.90 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF084125.D
 Acq: 25 Dec 2015 13:05

Tgt Ion	Resp	Lower	Upper
172	600533		
172	100		
171	36.4	28.9	43.3
170	23.9	18.6	27.8

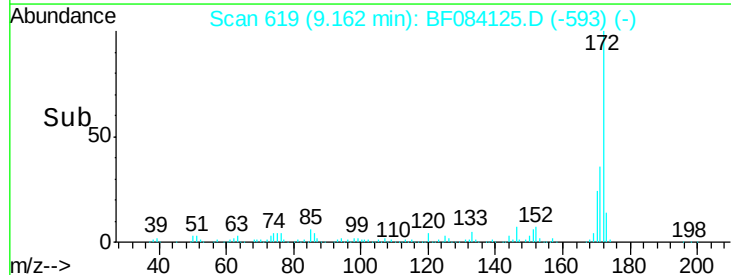
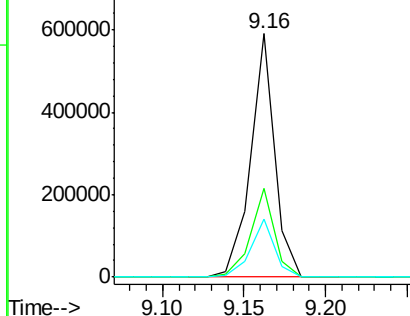


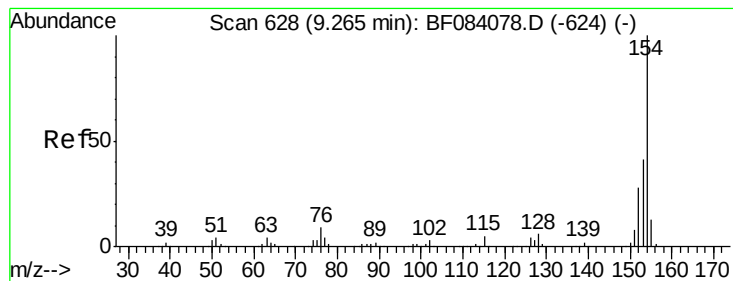
Abundance

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: 51.67 ng

RT: 9.26 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF084125.D

Acq: 25 Dec 2015 13:05

Instrument :

BNA_F

ClientSampleId :

PJ-SB-7(21.0-21.5)MS

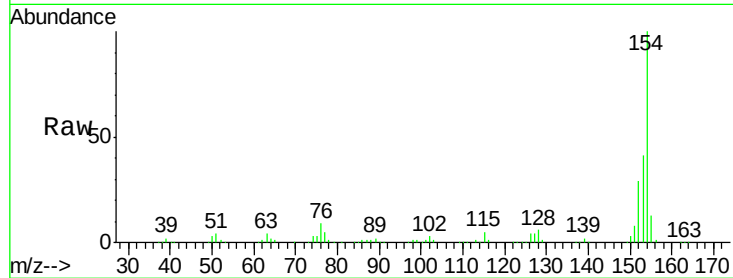
Tgt Ion:154 Resp: 426636

Ion Ratio Lower Upper

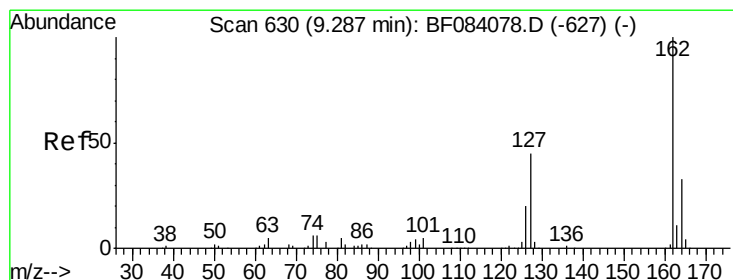
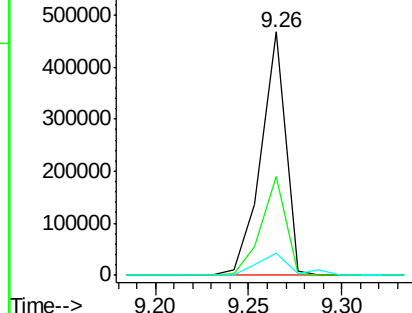
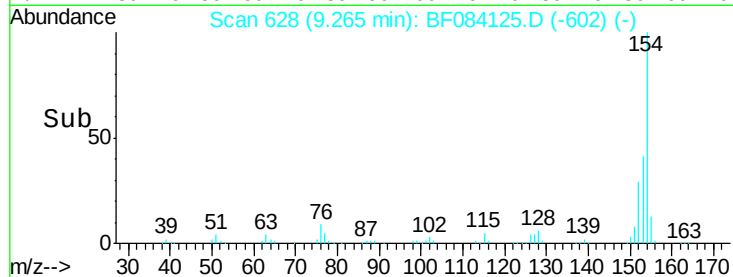
154 100

153 40.7 21.6 61.6

76 9.1 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: 48.69 ng

RT: 9.29 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF084125.D

Acq: 25 Dec 2015 13:05

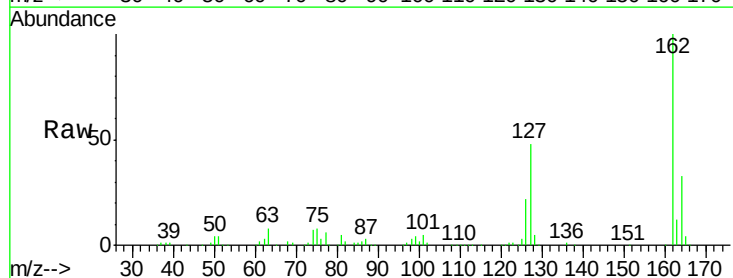
Tgt Ion:162 Resp: 305686

Ion Ratio Lower Upper

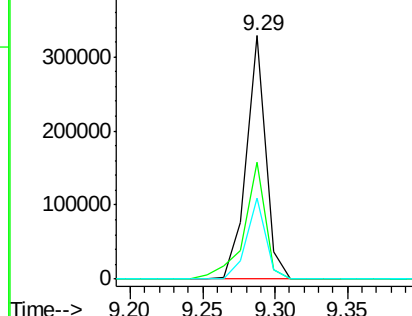
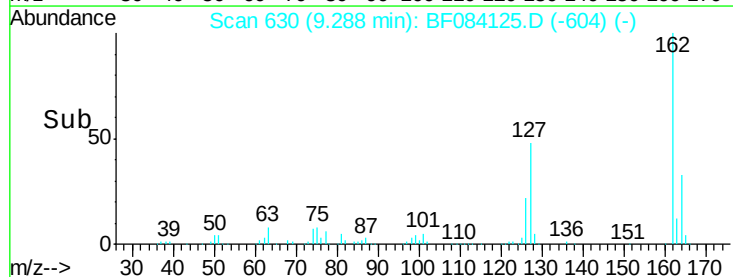
162 100

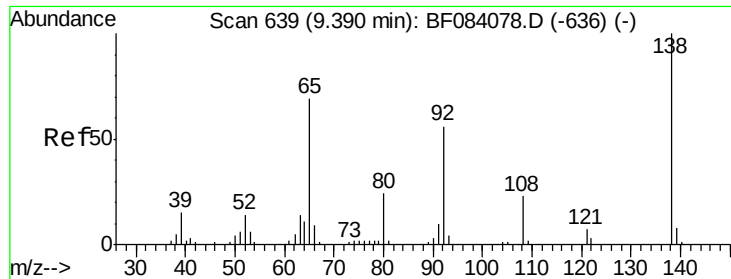
127 47.8 40.2 60.4

164 33.1 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

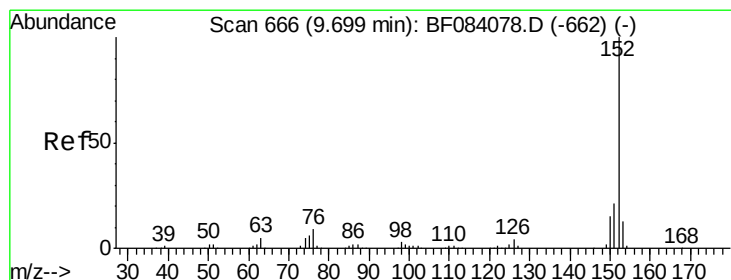
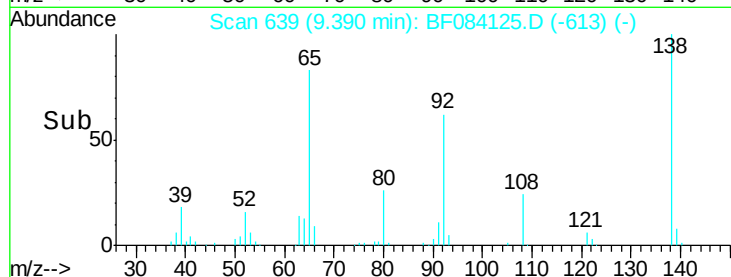
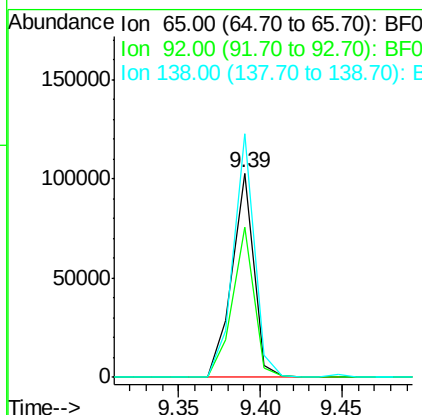
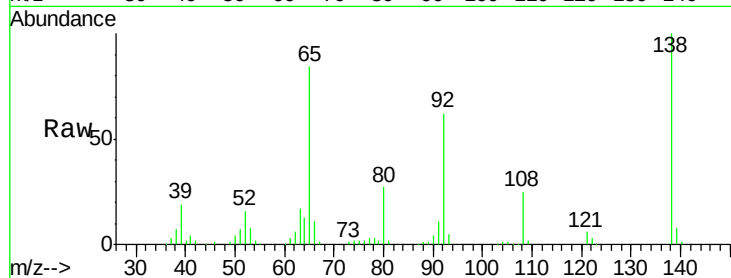




#47
 2-Nitroaniline
 Concen: 56.87 ng
 RT: 9.39 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF084125.D
 Acq: 25 Dec 2015 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-7(21.0-21.5)MS

Tgt Ion: 65 Resp: 94872
 Ion Ratio Lower Upper
 65 100
 92 73.4 53.4 80.2
 138 119.2 71.1 106.7#



#48
 Acenaphthylene
 Concen: 45.68 ng
 RT: 9.70 min Scan# 666
 Delta R.T. 0.00 min
 Lab File: BF084125.D
 Acq: 25 Dec 2015 13:05

Tgt Ion: 152 Resp: 470952
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.3 24.5
 153 13.5 10.4 15.6

