

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040816\
 Data File : BF086180.D
 Acq On : 8 Apr 2016 20:52
 Operator : UM/SJ
 Sample : H2082-12MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-08(0.5-20.0)MSD

Quant Time: Apr 08 23:25:31 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	113067	20.00	ng	-0.05
21) Naphthalene-d8	8.01	136	449288	20.00	ng	-0.06
38) Acenaphthene-d10	9.77	164	221257	20.00	ng	-0.05
63) Phenanthrene-d10	11.24	188	391877	20.00	ng	-0.06
75) Chrysene-d12	13.88	240	297319	20.00	ng	-0.05
86) Perylene-d12	15.28	264	228067	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	832516	125.86	ng	-0.03
7) Phenol-d6	6.38	99	1005312	119.65	ng	-0.03
23) Nitrobenzene-d5	7.30	82	616680	80.94	ng	-0.05
41) 2,4,6-Tribromophenol	10.56	330	235577	113.44	ng	-0.05
44) 2-Fluorobiphenyl	9.09	172	1136054	85.37	ng	-0.05
78) Terphenyl-d14	12.83	244	1039993	82.22	ng	-0.05

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.30	88	104961	33.47	ng	99
3) Pyridine	2.99	79	292503	41.66	ng	100
4) n-Nitrosodimethylamine	2.94	42	135636	43.93	ng	96
6) Aniline	6.40	93	279989	25.40	ng	# 2
8) 2-Chlorophenol	6.51	128	325853	41.31	ng	88
9) Benzaldehyde	6.28	77	110305	24.40	ng	93
10) Phenol	6.40	94	441654	46.08	ng	89
11) bis(2-Chloroethyl)ether	6.48	93	336383	44.32	ng	93
12) 1,3-Dichlorobenzene	6.67	146	335713	40.15	ng	98
13) 1,4-Dichlorobenzene	6.74	146	344646	40.01	ng	99
14) 1,2-Dichlorobenzene	6.90	146	321254	40.52	ng	99
15) Benzyl Alcohol	6.89	79	249922	45.98	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.01	45	354602	38.25	ng	72
17) 2-Methylphenol	7.00	107	269473	43.33	ng	95
18) Hexachloroethane	7.23	117	124714	39.36	ng	# 83
19) n-Nitroso-di-n-propylamine	7.15	70	207872	39.92	ng	93
20) 3+4-Methylphenols	7.16	107	350875	46.38	ng	# 63
22) Acetophenone	7.15	105	458455	43.41	ng	# 90
24) Nitrobenzene	7.32	77	373585	44.82	ng	91
25) Isophorone	7.56	82	654531	43.52	ng	95
26) 2-Nitrophenol	7.64	139	181482	45.51	ng	91
27) 2,4-Dimethylphenol	7.69	122	318160	44.42	ng	93
28) bis(2-Chloroethoxy)methane	7.77	93	382015	43.29	ng	98
29) 2,4-Dichlorophenol	7.88	162	278244	45.95	ng	99
30) 1,2,4-Trichlorobenzene	7.96	180	290349	42.72	ng	95
31) Naphthalene	8.03	128	926153	40.98	ng	100
32) Benzoic acid	7.81	122	84513	16.08	ng	99
33) 4-Chloroaniline	8.10	127	155998	17.09	ng	99
34) Hexachlorobutadiene	8.16	225	145208	39.74	ng	98
35) Caprolactam	8.52	113	29717	15.47	ng	96
36) 4-Chloro-3-methylphenol	8.59	107	286204	42.05	ng	95
37) 2-Methylnaphthalene	8.73	142	630938	42.74	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	269330	40.50	ng	100
40) Hexachlorocyclopentadiene	8.88	237	161624	70.60	ng	99

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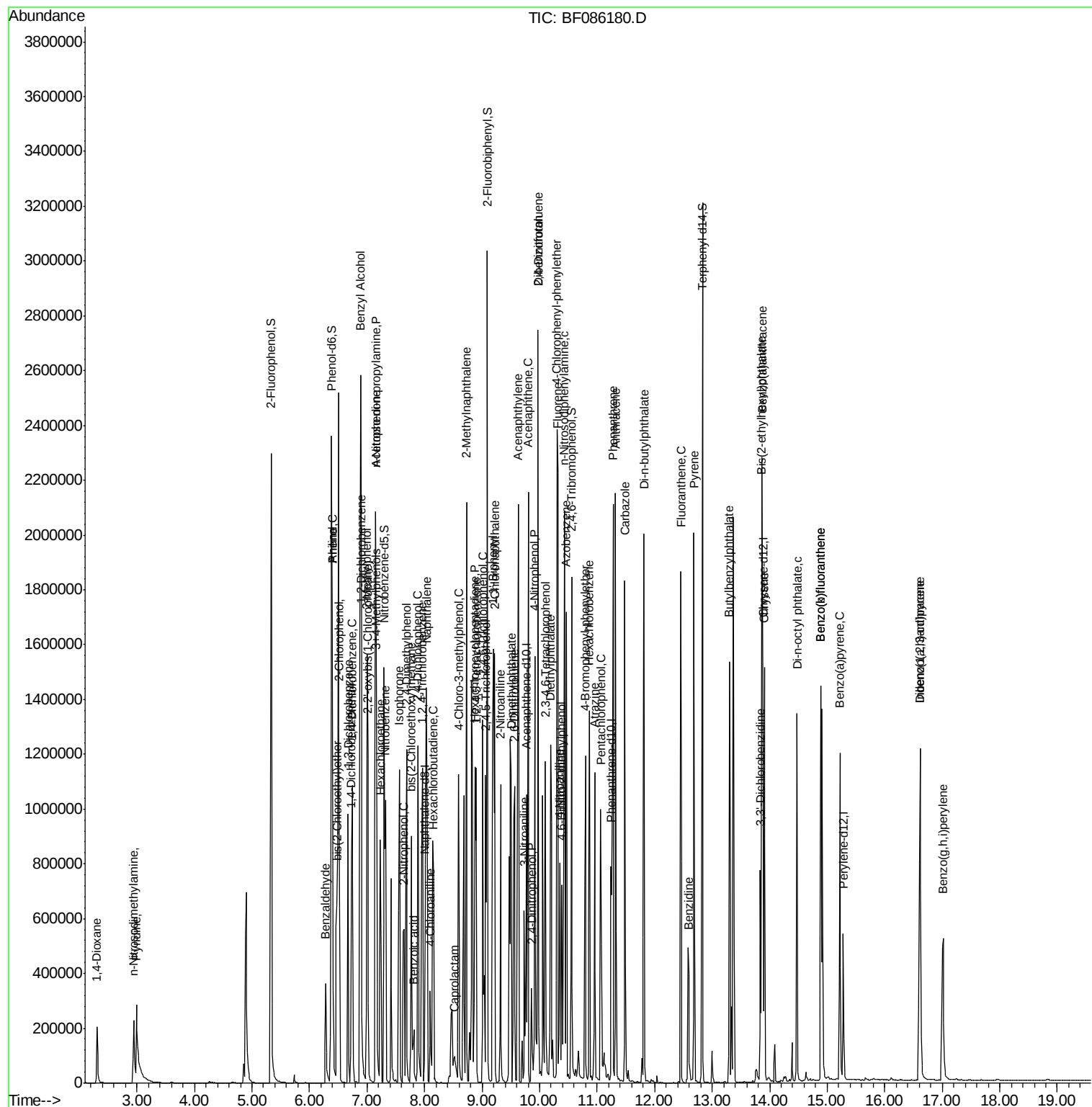
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	180326	42.23	ng	100
43) 2,4,5-Trichlorophenol	9.06	196	185212	42.72	ng	# 87
45) 1,1'-Biphenyl	9.20	154	746691	39.14	ng	94
46) 2-Chloronaphthalene	9.22	162	587243	42.46	ng	98
47) 2-Nitroaniline	9.32	65	181209	44.78	ng	99
48) Acenaphthylene	9.63	152	907322	40.96	ng	99
49) Dimethylphthalate	9.50	163	859252	52.40	ng	98
50) 2,6-Dinitrotoluene	9.56	165	134701	38.82	ng	93
51) Acenaphthene	9.80	154	549858	41.73	ng	100
52) 3-Nitroaniline	9.73	138	102535	24.52	ng	95
53) 2,4-Dinitrophenol	9.86	184	80159	44.49	ng	# 71
54) Dibenzofuran	9.97	168	751317	43.18	ng	99
55) 4-Nitrophenol	9.92	139	174799	70.91	ng	88
56) 2,4-Dinitrotoluene	9.97	165	172016	39.23	ng	# 55
57) Fluorene	10.32	166	621041	41.78	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	146977	45.53	ng	97
59) Diethylphthalate	10.19	149	651903	39.39	ng	97
60) 4-Chlorophenyl-phenylether	10.30	204	277807	40.13	ng	97
61) 4-Nitroaniline	10.35	138	147590	35.84	ng	89
62) Azobenzene	10.46	77	695349	43.86	ng	99
64) 4,6-Dinitro-2-methylphenol	10.38	198	96095	40.46	ng	82
65) n-Nitrosodiphenylamine	10.43	169	543030	44.31	ng	99
66) 4-Bromophenyl-phenylether	10.80	248	184154	46.03	ng	# 91
67) Hexachlorobenzene	10.86	284	192238	46.46	ng	99
68) Atrazine	10.96	200	158356	39.99	ng	95
69) Pentachlorophenol	11.06	266	140955	72.69	ng	99
70) Phenanthrene	11.28	178	943059	44.11	ng	100
71) Anthracene	11.32	178	860434	38.42	ng	99
72) Carbazole	11.48	167	732107	38.03	ng	99
73) Di-n-butylphthalate	11.81	149	1039431	43.58	ng	100
74) Fluoranthene	12.45	202	842379	37.88	ng	98
76) Benzidine	12.59	184	285200	27.19	ng	97
77) Pyrene	12.68	202	832171	39.72	ng	99
79) Butylbenzylphthalate	13.30	149	407438	43.19	ng	# 72
80) Benzo(a)anthracene	13.87	228	707266	40.36	ng	99
81) 3,3'-Dichlorobenzidine	13.84	252	156506	12.23	ng	# 98
82) Chrysene	13.91	228	640863	37.96	ng	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	549070	43.85	ng	# 99
84) Di-n-octyl phthalate	14.48	149	966540	48.34	ng	98
85) Indeno(1,2,3-cd)pyrene	16.61	276	532026	38.84	ng	99
87) Benzo(h)fluoranthene	14.89	252	1155368	80.53	ng	98
88) Benzo(k)fluoranthene	14.89	252	1155368	90.94	ng	98
89) Benzo(a)pyrene	15.22	252	544406	42.83	ng	100
90) Dibenzo(a,h)anthracene	16.61	278	449213	43.92	ng	98
91) Benzo(g,h,i)perylene	17.01	276	444003	44.86	ng	# 93

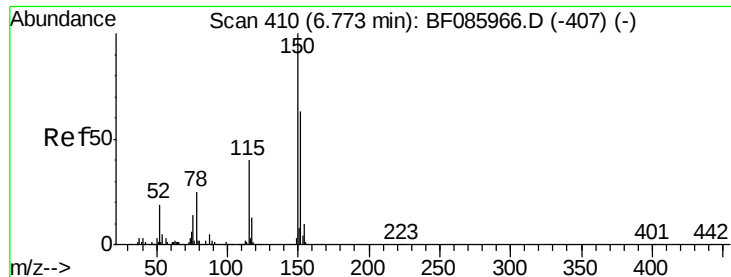
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.05 min

Lab File: BF086180.D

Acq: 8 Apr 2016 20:52

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-08(0.5-20.0)MSD

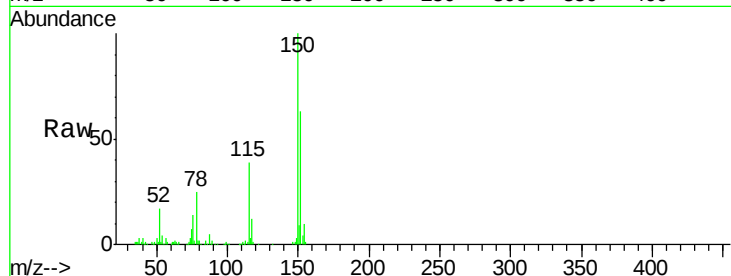
Tgt Ion:152 Resp: 113067

Ion Ratio Lower Upper

152 100

150 157.7 124.2 186.2

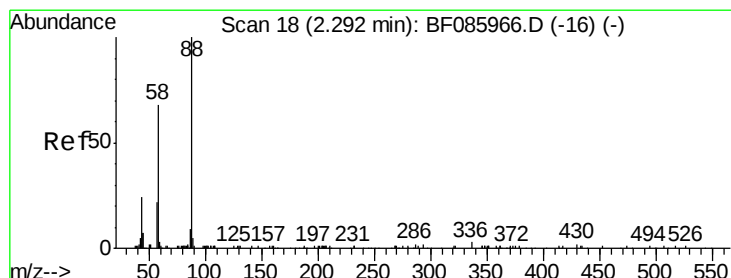
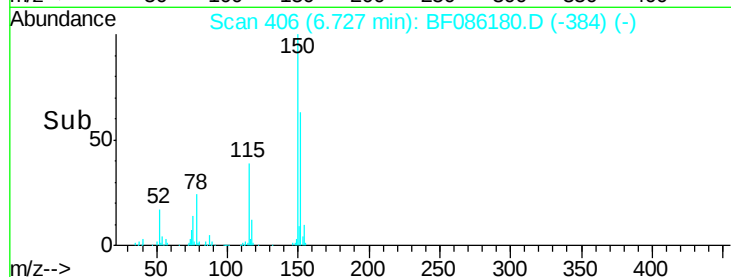
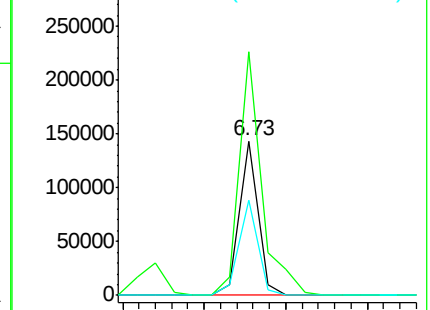
115 61.6 47.0 70.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 33.47 ng

RT: 2.30 min Scan# 19

Delta R.T. 0.01 min

Lab File: BF086180.D

Acq: 8 Apr 2016 20:52

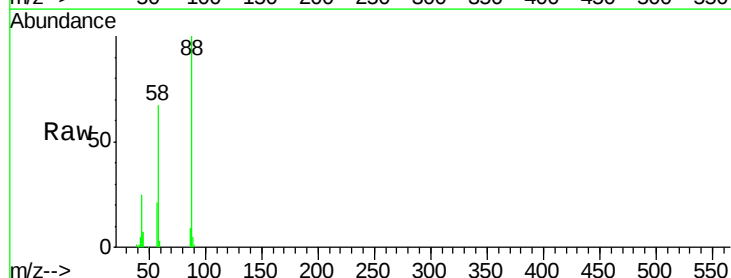
Tgt Ion: 88 Resp: 104961

Ion Ratio Lower Upper

88 100

58 68.3 54.2 81.2

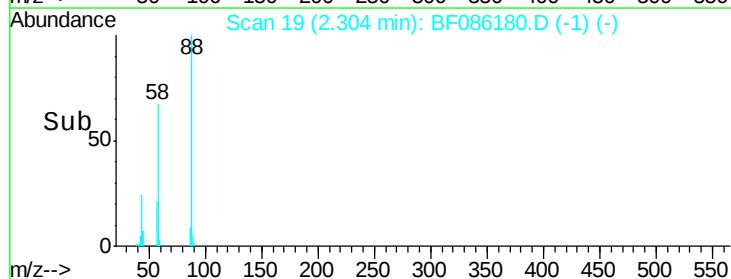
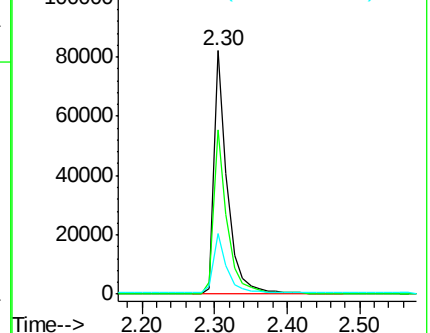
43 25.0 19.3 28.9

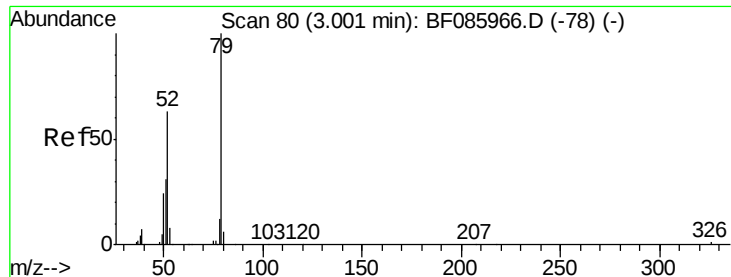


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 41.66 ng

RT: 2.99 min Scan# 79

Delta R.T. -0.01 min

Lab File: BF086180.D

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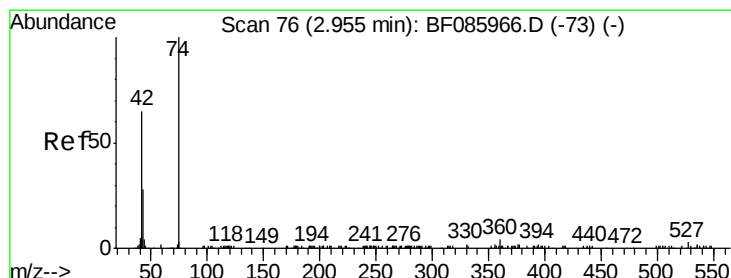
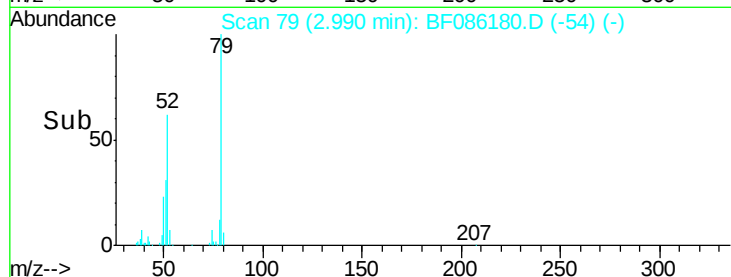
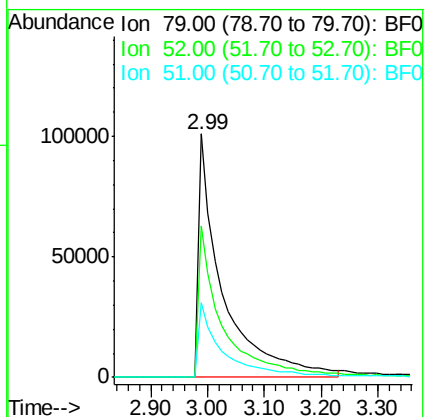
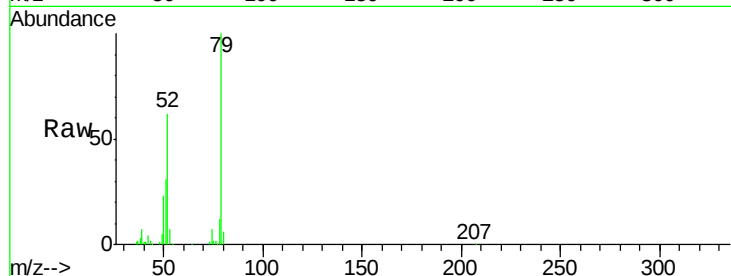
Tgt Ion: 79 Resp: 292503

Ion Ratio Lower Upper

79 100

52 62.0 49.8 74.6

51 30.5 24.7 37.1



#4

n-Nitrosodimethylamine

Concen: 43.93 ng

RT: 2.94 min Scan# 75

Delta R.T. -0.01 min

Lab File: BF086180.D

Acq: 8 Apr 2016 20:52

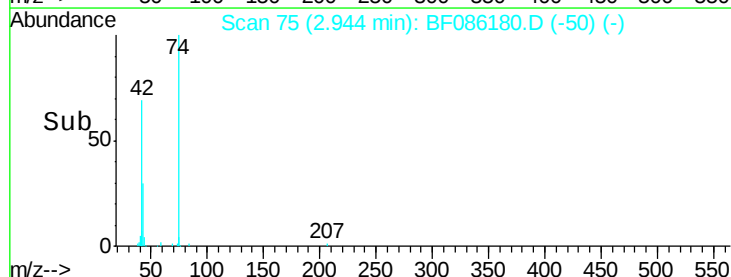
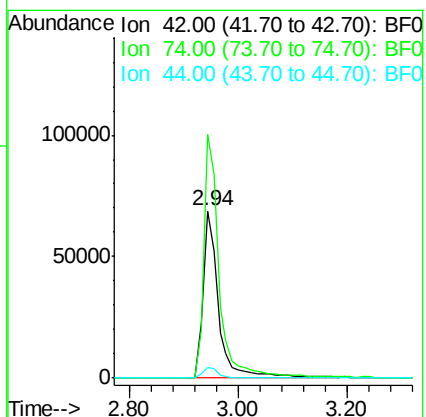
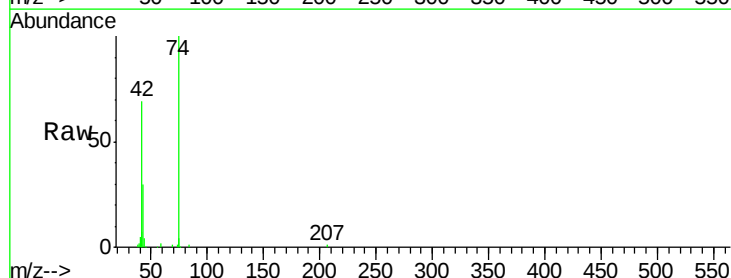
Tgt Ion: 42 Resp: 135636

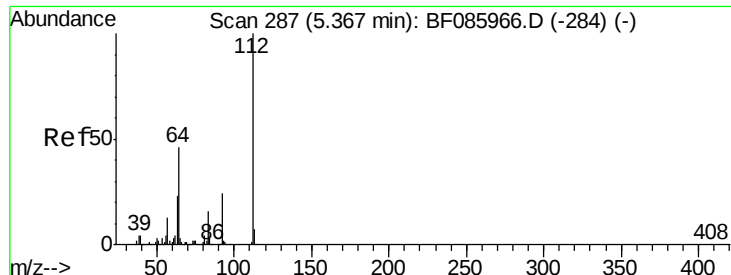
Ion Ratio Lower Upper

42 100

74 145.9 121.4 182.2

44 6.5 5.6 8.4





#5

2-Fluorophenol

Concen: 125.86 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.03 min

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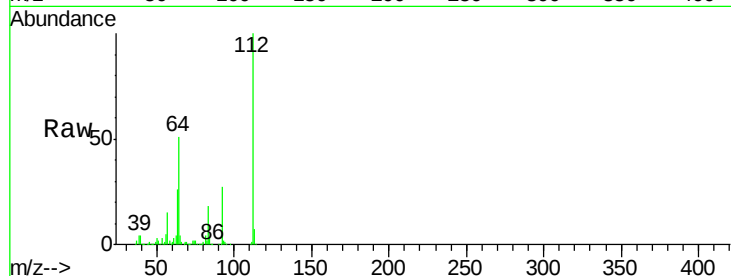
Tgt Ion: 112 Resp: 832516

Ion Ratio Lower Upper

112 100

64 51.0 39.9 59.9

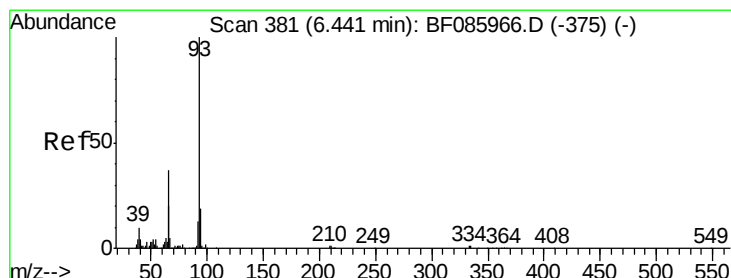
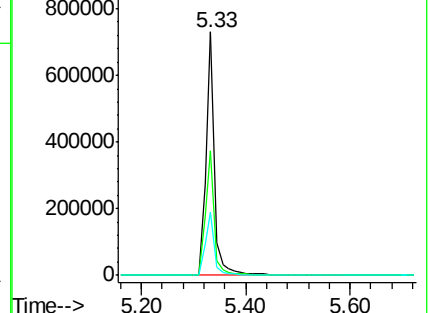
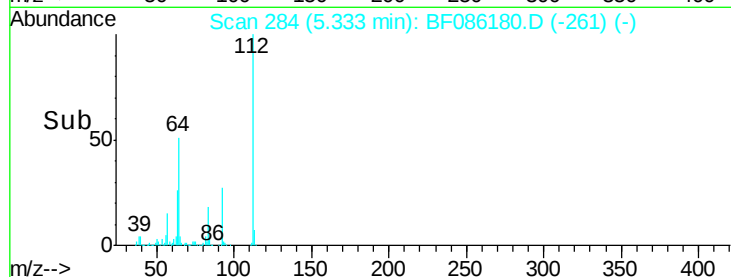
63 26.0 20.2 30.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 25.40 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.05 min

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Acq: 8 Apr 2016 20:52

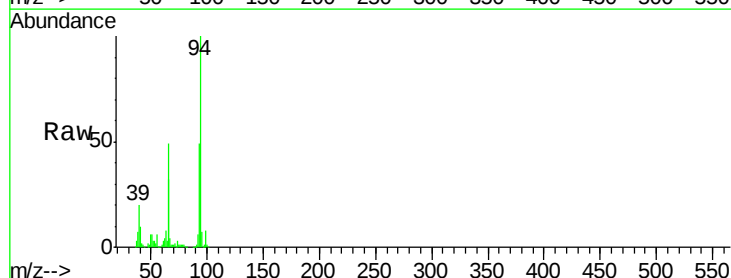
Tgt Ion: 93 Resp: 279989

Ion Ratio Lower Upper

93 100

66 99.4 31.4 47.2#

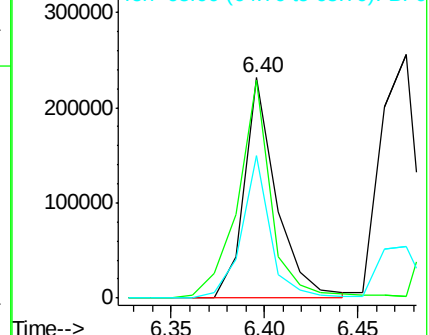
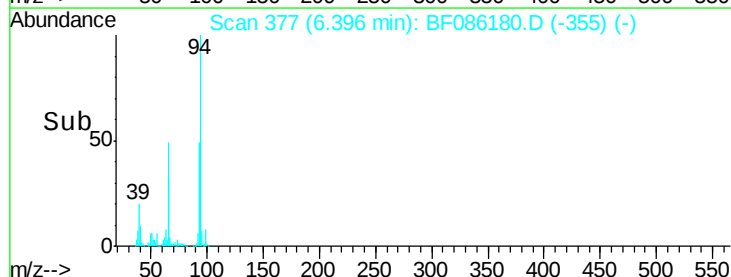
65 64.7 15.7 23.5#

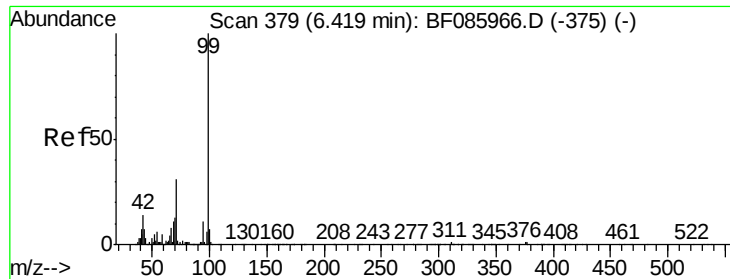


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 119.65 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

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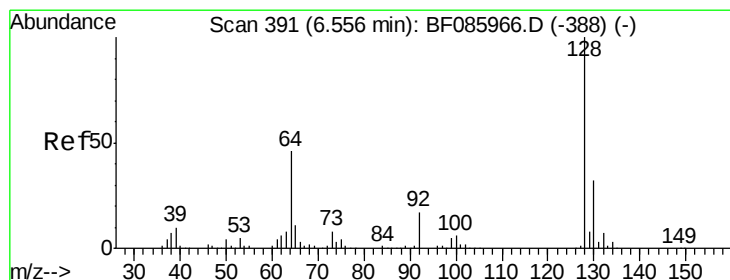
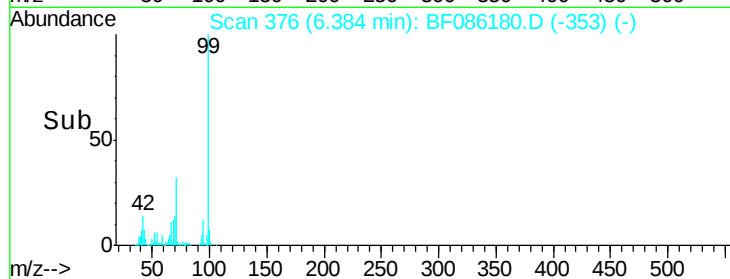
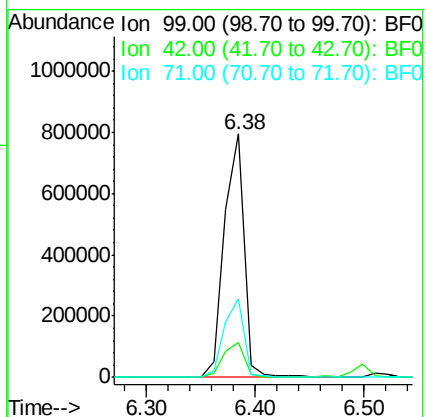
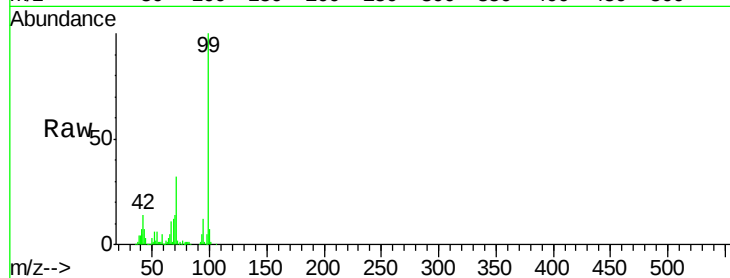
Tgt Ion: 99 Resp: 1005312

Ion Ratio Lower Upper

99 100

42 14.3 11.1 16.7

71 32.3 24.9 37.3



#8

2-Chlorophenol

Concen: 41.31 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.05 min

Lab File: BF086180.D

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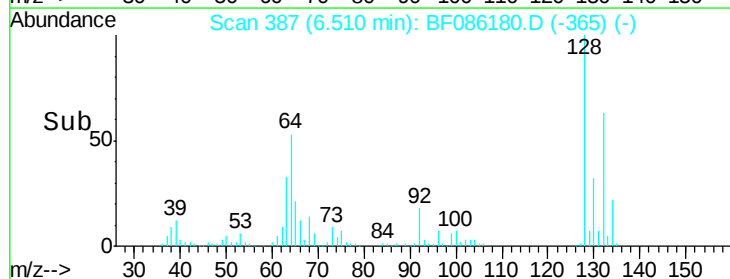
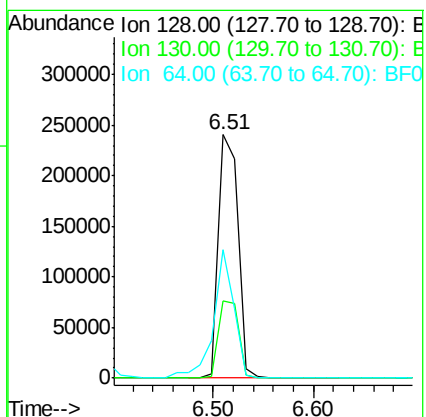
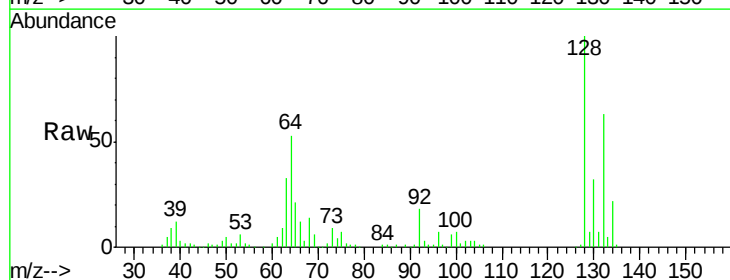
Tgt Ion: 128 Resp: 325853

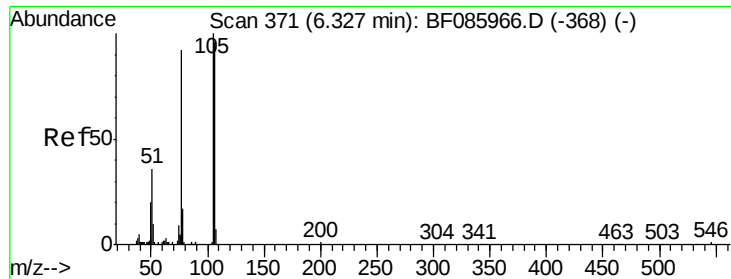
Ion Ratio Lower Upper

128 100

130 31.6 12.9 52.9

64 52.7 20.2 60.2





#9

Benzaldehyde

Concen: 24.40 ng

RT: 6.28 min Scan# 367

Delta R.T. -0.05 min

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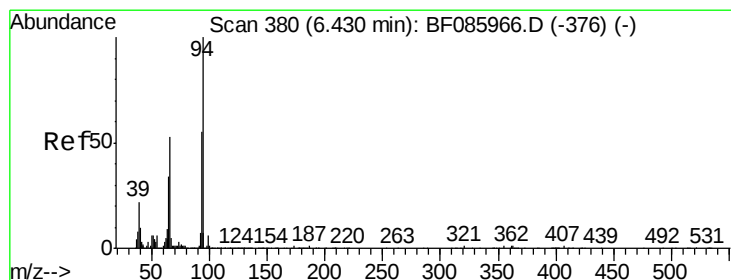
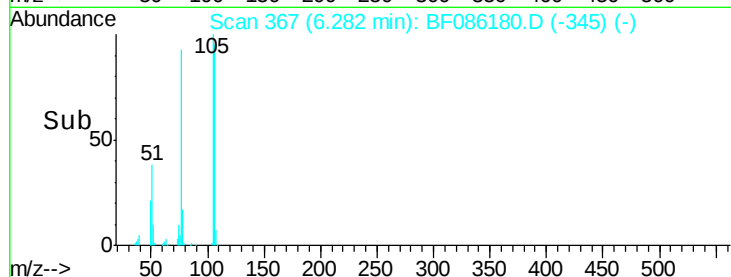
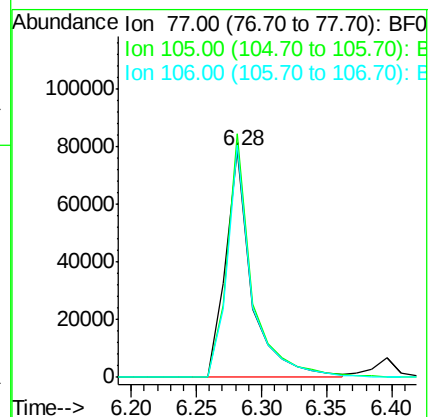
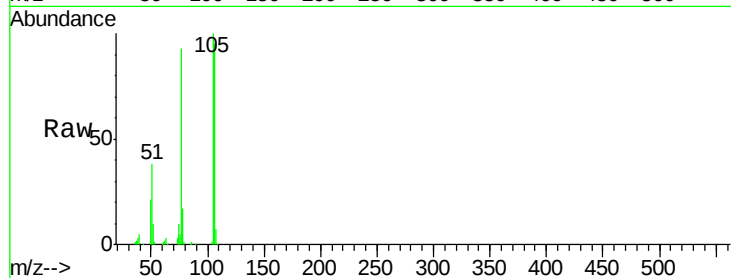
Tgt Ion: 77 Resp: 110305

Ion Ratio Lower Upper

77 100

105 107.4 80.1 120.1

106 102.5 75.0 115.0



#10

Phenol

Concen: 46.08 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.03 min

Lab File: BF086180.D

Acq: 8 Apr 2016 20:52

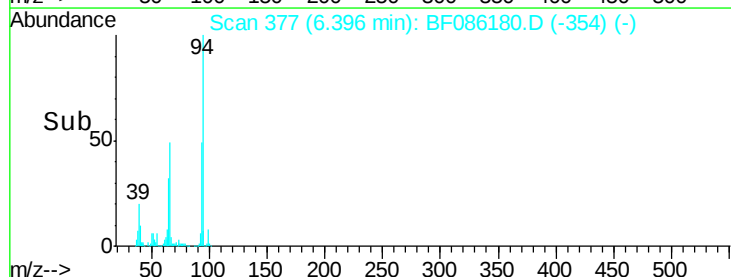
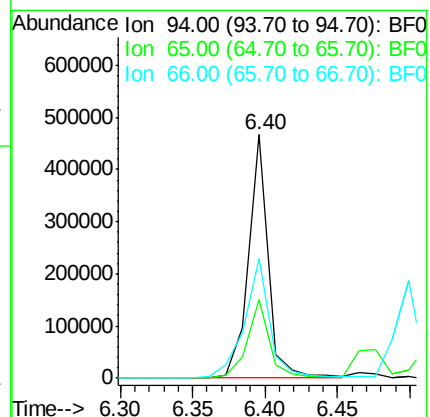
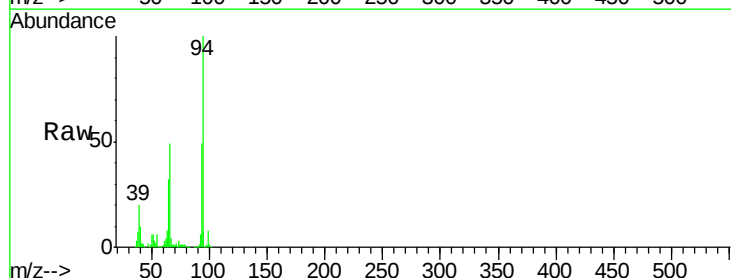
Tgt Ion: 94 Resp: 441654

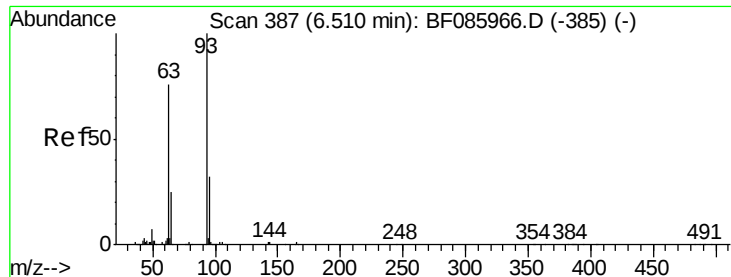
Ion Ratio Lower Upper

94 100

65 32.0 8.6 48.6

66 49.1 20.0 60.0

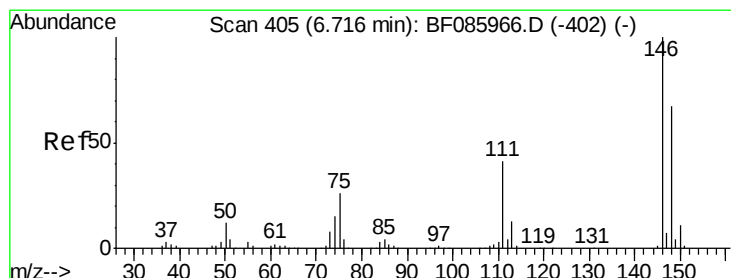
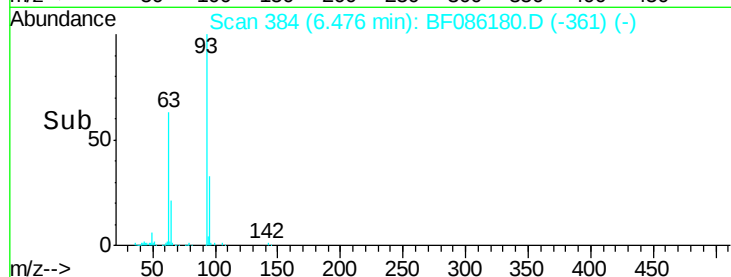
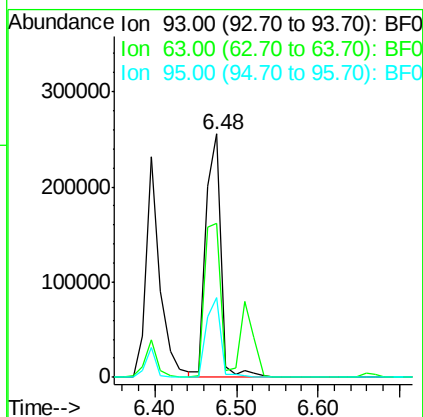
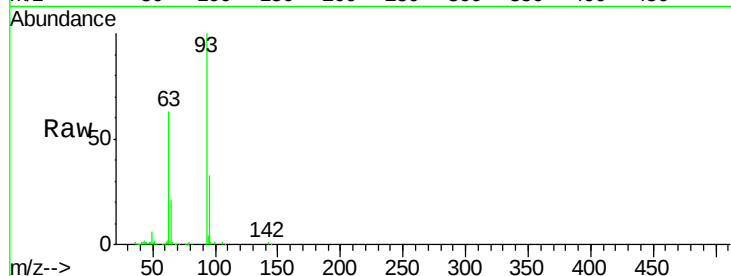




#11
bis(2-Chloroethyl)ether
Concen: 44.32 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.03 min
Lab File: BF086180.D
Acq: 8 Apr 2016 20:52

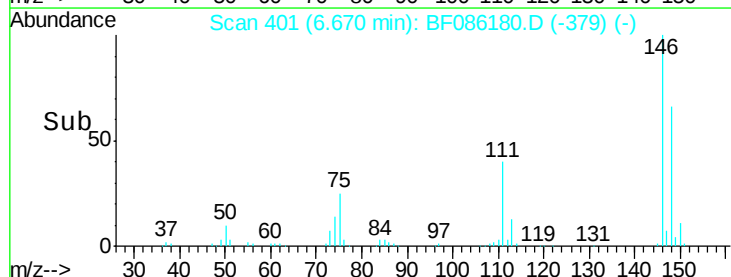
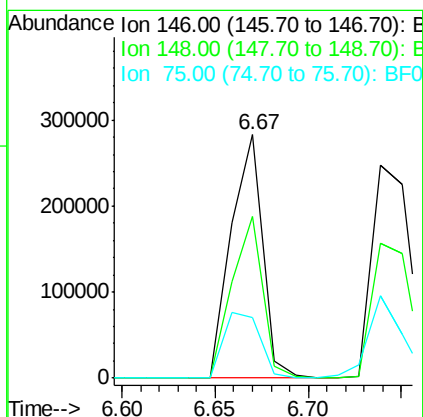
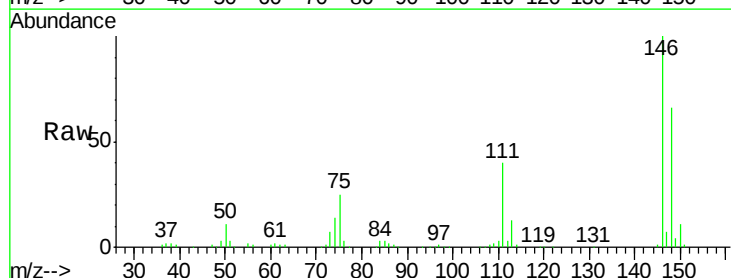
Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-08(0.5-20.0)MSD

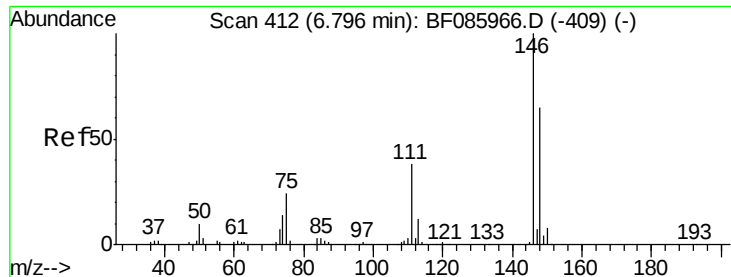
Tgt Ion: 93 Resp: 336383
Ion Ratio Lower Upper
93 100
63 63.2 50.9 90.9
95 32.7 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 40.15 ng
RT: 6.67 min Scan# 401
Delta R.T. -0.05 min
Lab File: BF086180.D
Acq: 8 Apr 2016 20:52

Tgt Ion: 146 Resp: 335713
Ion Ratio Lower Upper
146 100
148 66.4 52.3 78.5
75 24.7 17.4 26.2

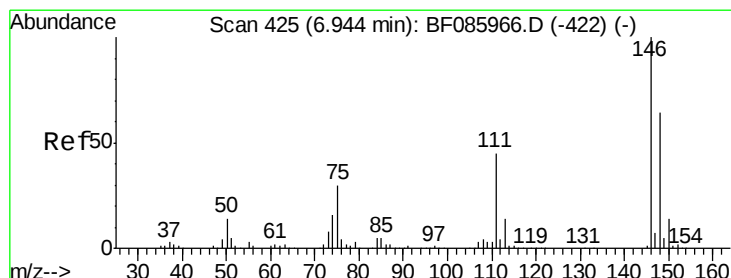
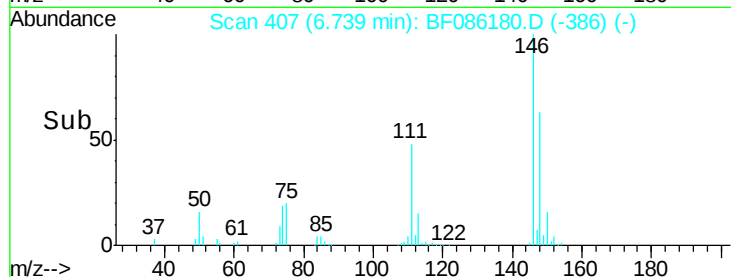
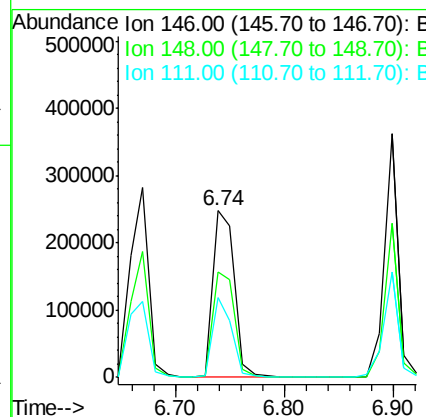
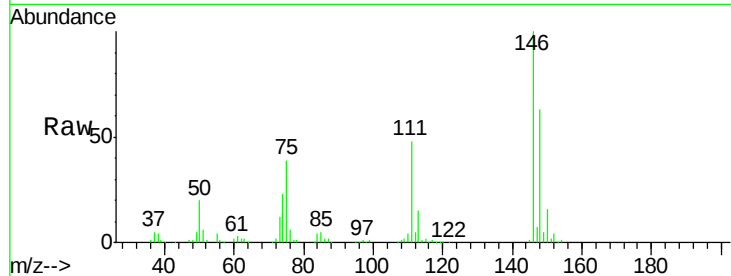




#13
 1,4-Dichlorobenzene
 Concen: 40.01 ng
 RT: 6.74 min Scan# 407
 Delta R.T. -0.06 min
 Lab File: BF086180.D
 Acq: 8 Apr 2016 20:52

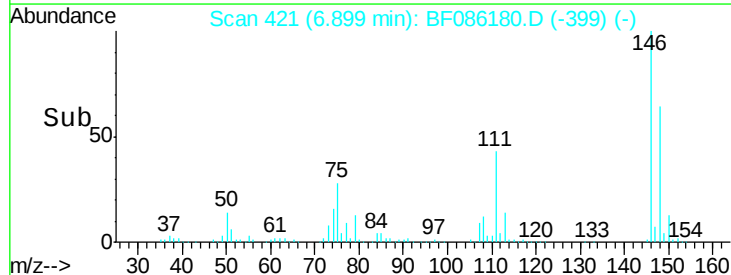
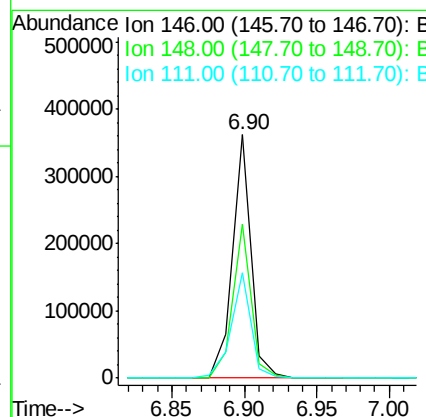
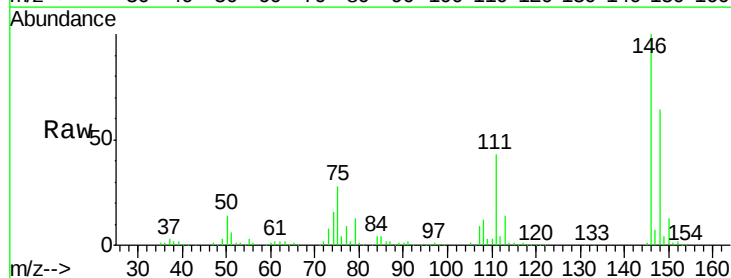
Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-08(0.5-20.0)MSD

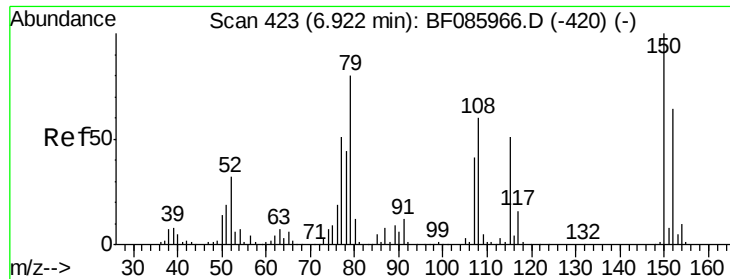
Tgt Ion:146 Resp: 344646
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.6 76.0
 111 47.8 37.8 56.6



#14
 1,2-Dichlorobenzene
 Concen: 40.52 ng
 RT: 6.90 min Scan# 421
 Delta R.T. -0.05 min
 Lab File: BF086180.D
 Acq: 8 Apr 2016 20:52

Tgt Ion:146 Resp: 321254
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.4 77.2
 111 43.2 34.6 52.0





#15

Benzyl Alcohol

Concen: 45.98 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.03 min

Lab File: BF086180.D

Acq: 8 Apr 2016 20:52

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-08(0.5-20.0)MSD

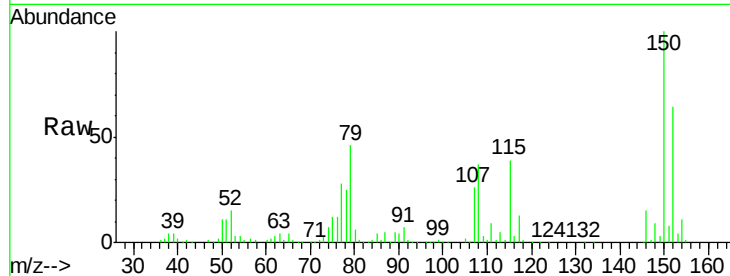
Tgt Ion: 79 Resp: 249922

Ion Ratio Lower Upper

79 100

108 82.1 61.8 92.6

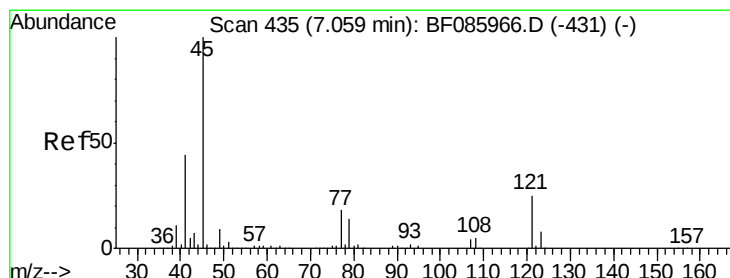
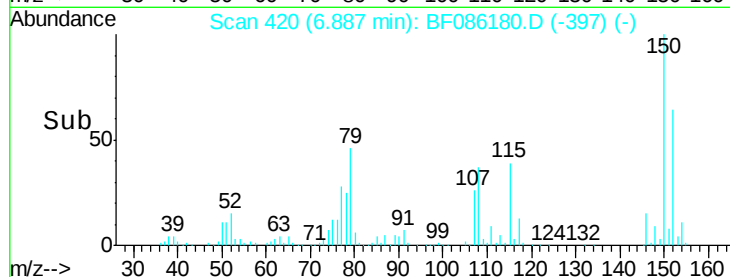
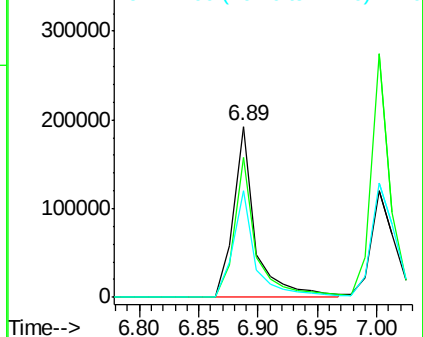
77 62.0 49.6 74.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.25 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.05 min

Lab File: BF086180.D

Acq: 8 Apr 2016 20:52

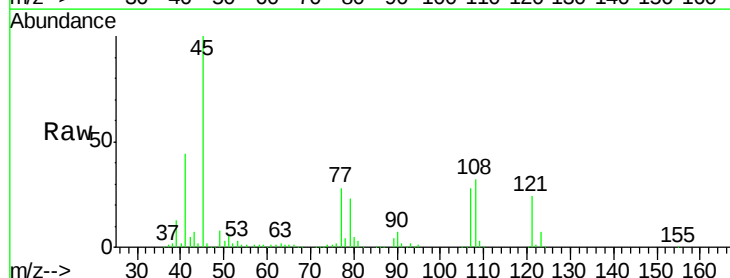
Tgt Ion: 45 Resp: 354602

Ion Ratio Lower Upper

45 100

77 27.6 0.0 35.7

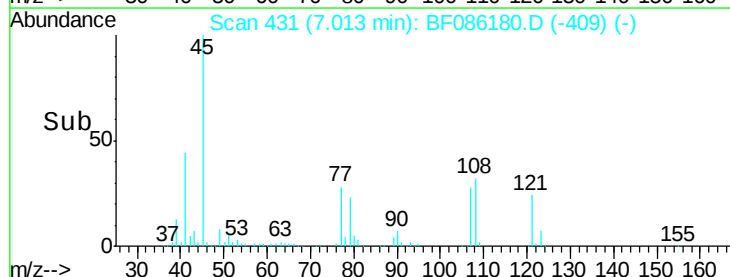
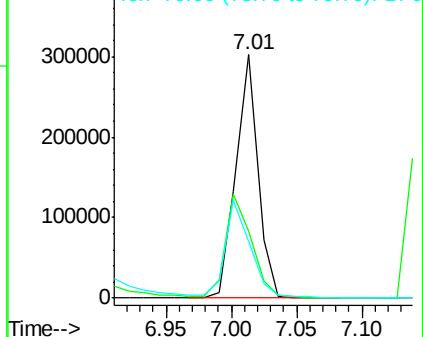
79 23.4 0.0 32.2

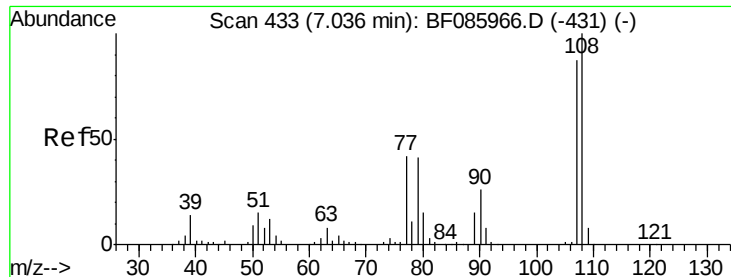


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

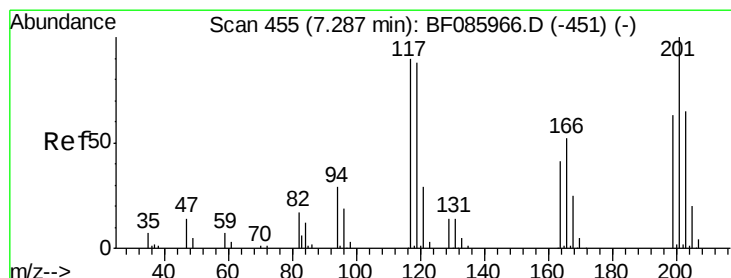
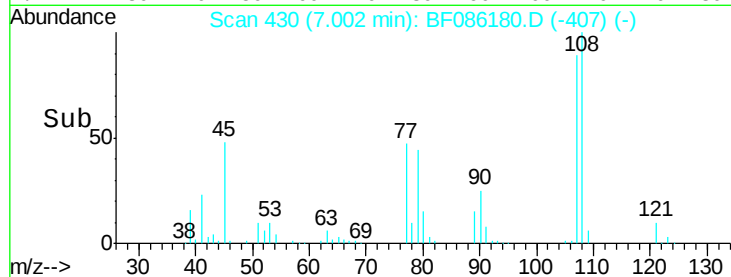
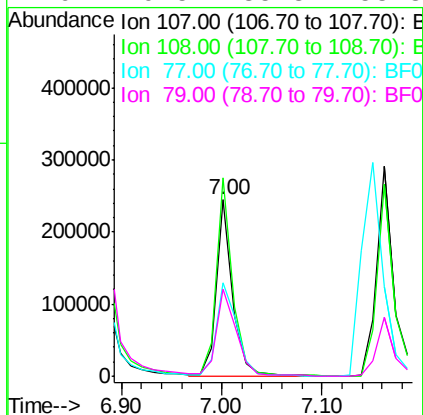
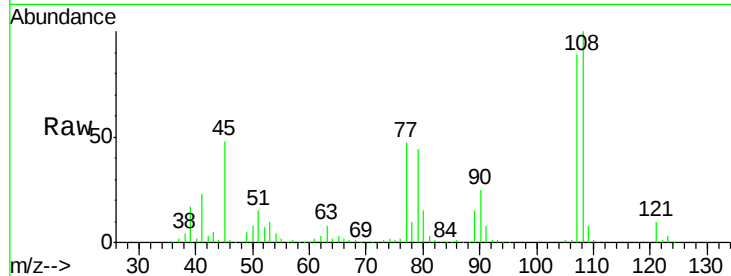




#17
2-Methylphenol
Concen: 43.33 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.03 min
Lab File: BF086180.D
Acq: 8 Apr 2016 20:52

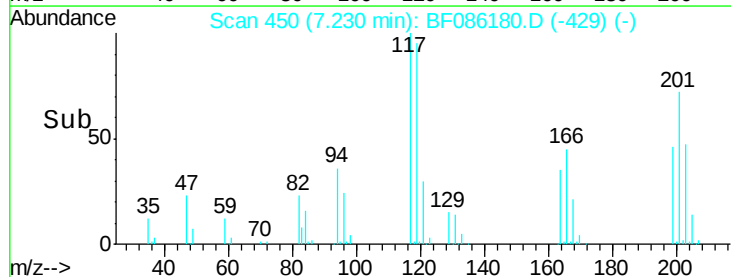
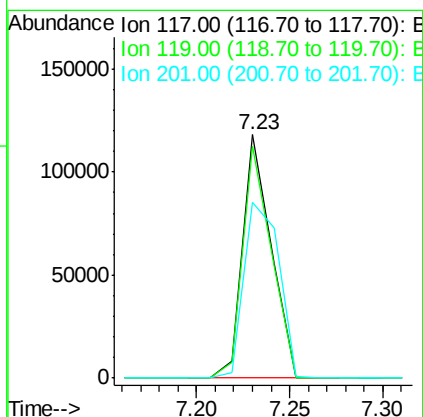
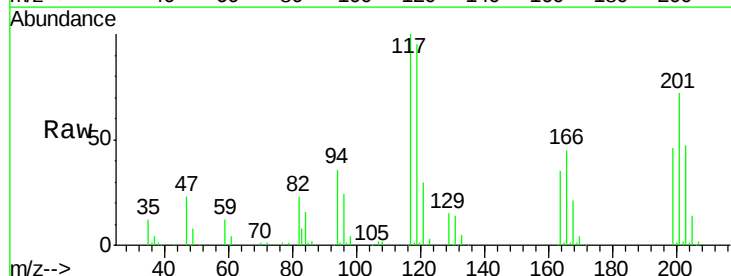
Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-08(0.5-20.0)MSD

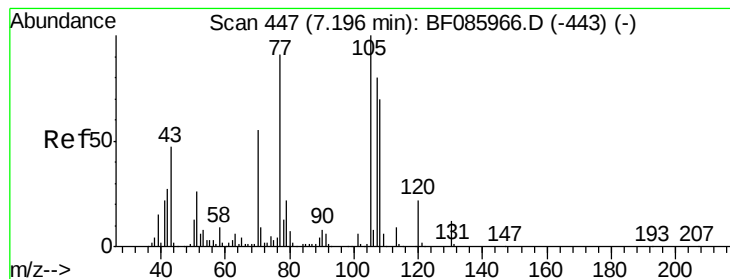
Tgt Ion:	107	Resp:	269473
Ion	Ratio	Lower	Upper
107	100		
108	112.4	91.4	137.0
77	53.1	36.2	54.2
79	49.5	35.8	53.8



#18
Hexachloroethane
Concen: 39.36 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.06 min
Lab File: BF086180.D
Acq: 8 Apr 2016 20:52

Tgt Ion:	117	Resp:	124714
Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.7	115.1
201	72.0	83.3	124.9#





#19

n-Nitroso-di-n-propylamine

Concen: 39.92 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.05 min

Lab File: BF086180.D

Acq: 8 Apr 2016 20:52

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-08(0.5-20.0)MSD

Tgt Ion: 70 Resp: 207872

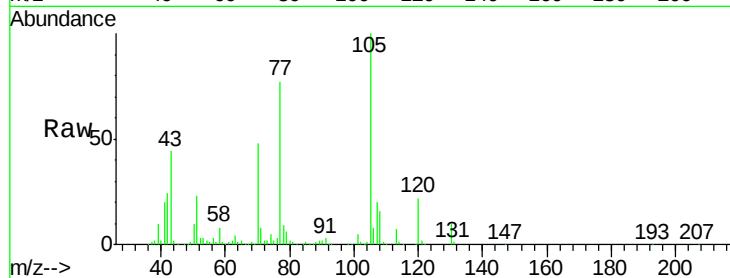
Ion Ratio Lower Upper

70 100

42 50.3 37.1 55.7

101 9.5 8.6 12.8

130 19.9 19.6 29.4

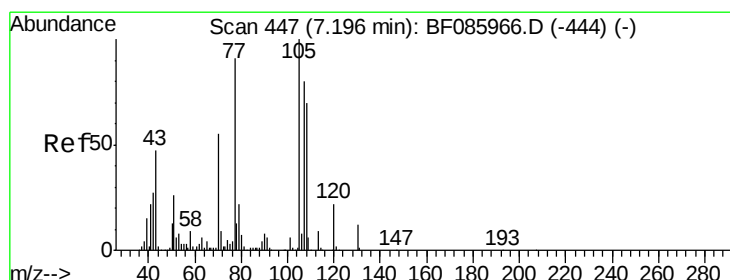
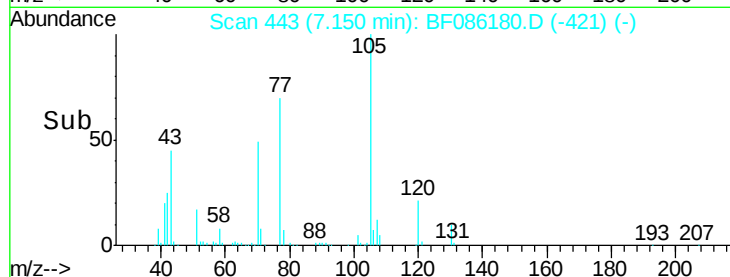
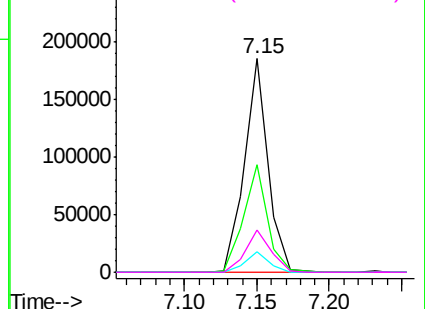


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 46.38 ng

RT: 7.16 min Scan# 444

Delta R.T. -0.03 min

Lab File: BF086180.D

Acq: 8 Apr 2016 20:52

Tgt Ion: 107 Resp: 350875

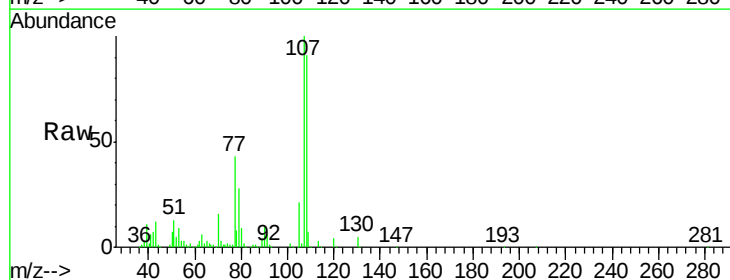
Ion Ratio Lower Upper

107 100

108 91.3 69.3 109.3

77 42.7 101.7 141.7#

79 27.8 8.3 48.3

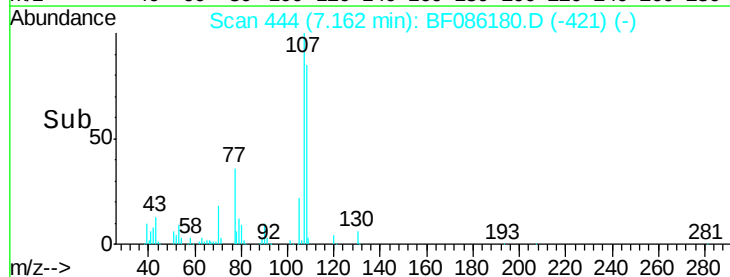
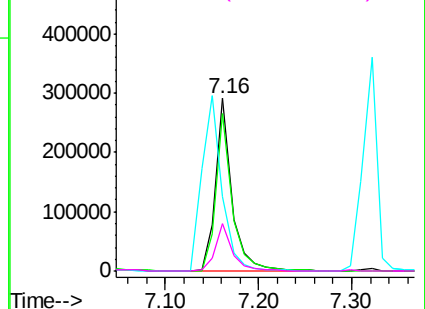


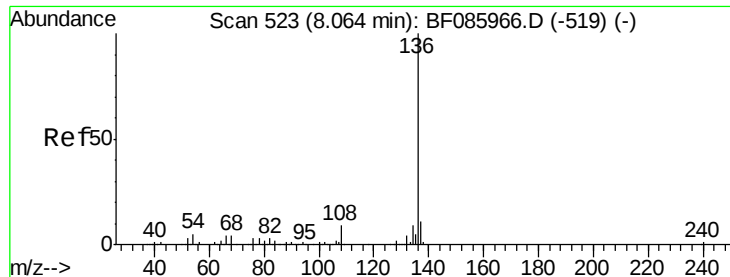
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

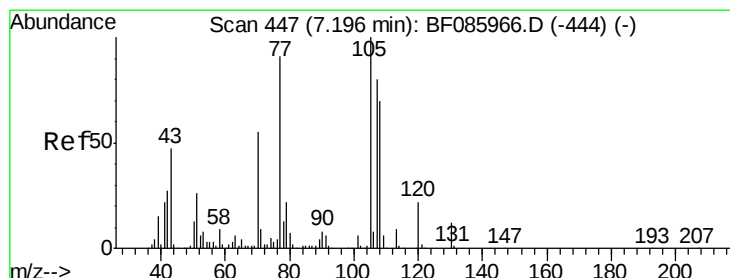
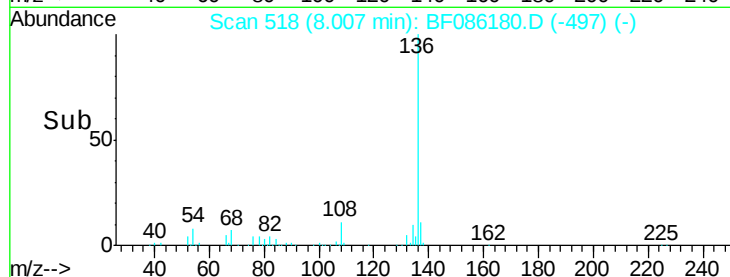
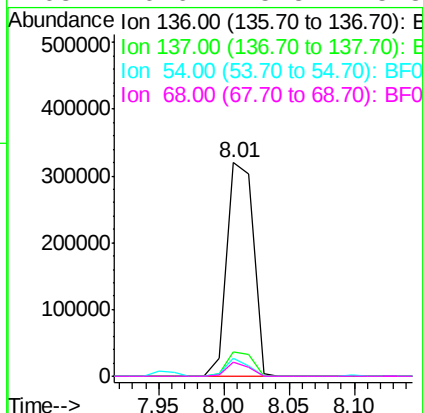
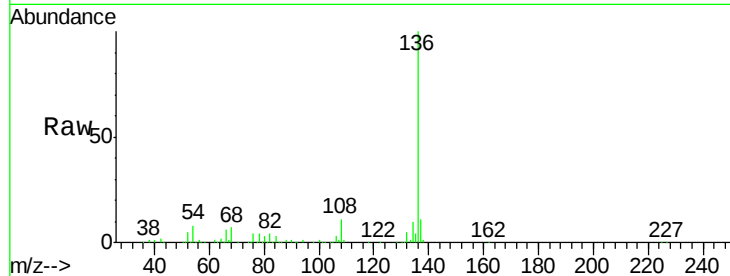




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.06 min
Lab File: BF086180.D
Acq: 8 Apr 2016 20:52

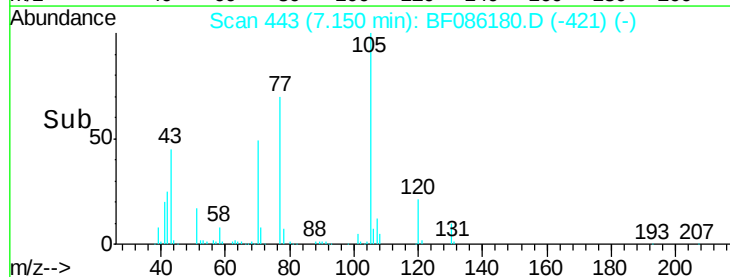
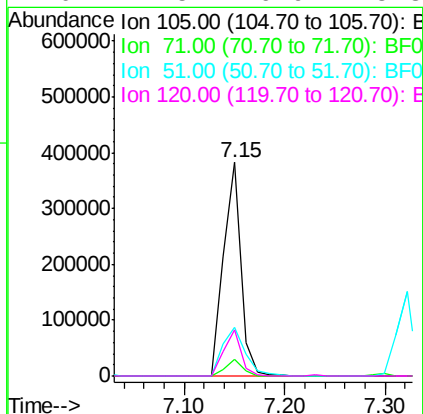
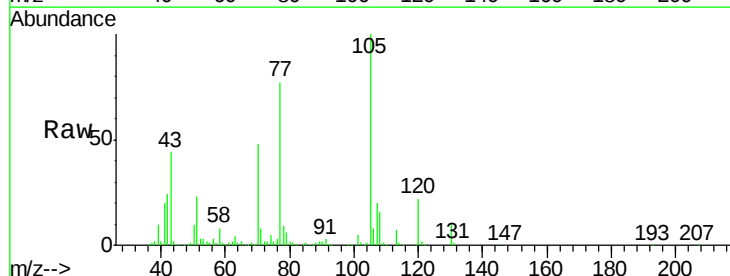
Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-08(0.5-20.0)MSD

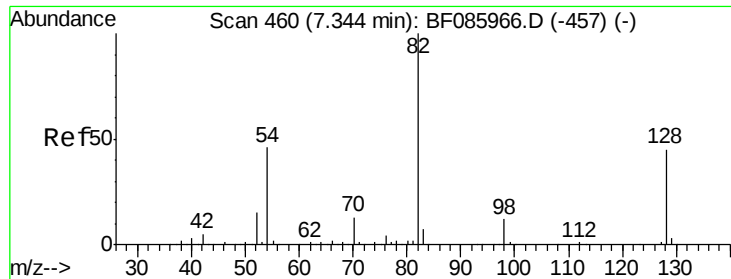
Tgt Ion:	136	Resp:	449288
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.1	13.7
54	8.4	7.4	11.0
68	6.6	5.8	8.8



#22
Acetophenone
Concen: 43.41 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.05 min
Lab File: BF086180.D
Acq: 8 Apr 2016 20:52

Tgt Ion:	105	Resp:	458455
Ion Ratio	Lower	Upper	
105	100		
71	7.9	3.6	5.4#
51	22.7	25.4	38.0#
120	21.5	16.9	25.3

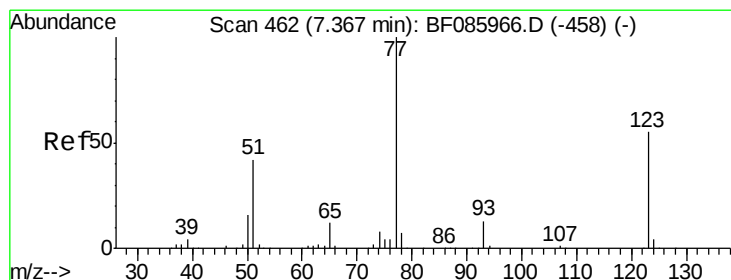
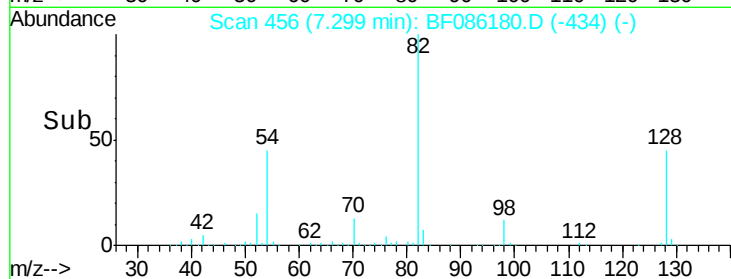
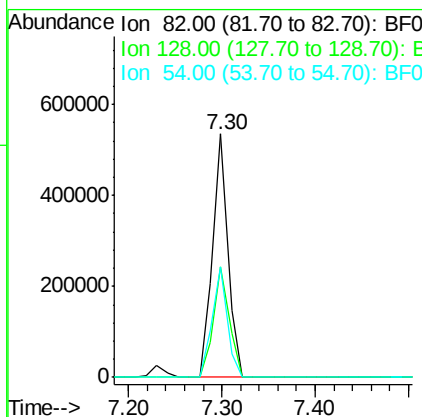
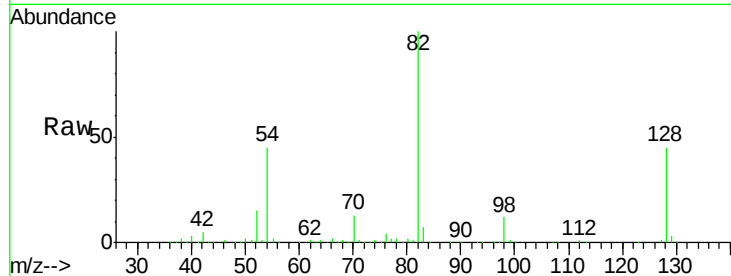




#23
 Nitrobenzene-d5
 Concen: 80.94 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.05 min
 Lab File: BF086180.D
 Acq: 8 Apr 2016 20:52

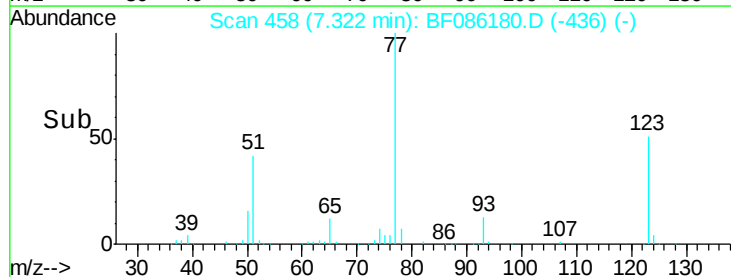
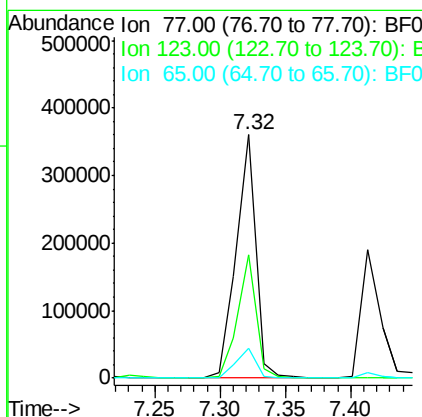
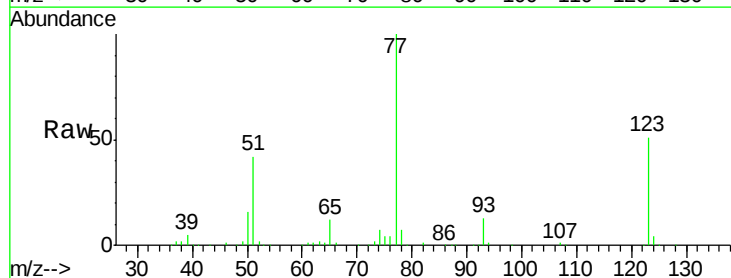
Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-08(0.5-20.0)MSD

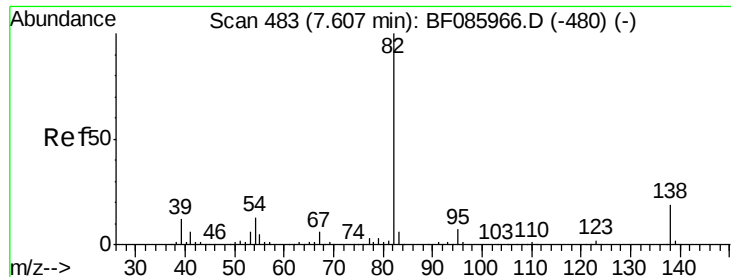
Tgt Ion: 82 Resp: 616680
 Ion Ratio Lower Upper
 82 100
 128 45.2 41.8 62.8
 54 45.3 33.4 50.0



#24
 Nitrobenzene
 Concen: 44.82 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.05 min
 Lab File: BF086180.D
 Acq: 8 Apr 2016 20:52

Tgt Ion: 77 Resp: 373585
 Ion Ratio Lower Upper
 77 100
 123 50.7 35.0 52.4
 65 12.3 10.6 16.0





#25

Isophorone

Concen: 43.52 ng

RT: 7.56 min Scan# 479

Delta R.T. -0.05 min

Lab File: BF086180.D

Acq: 8 Apr 2016 20:52

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-08(0.5-20.0)MSD

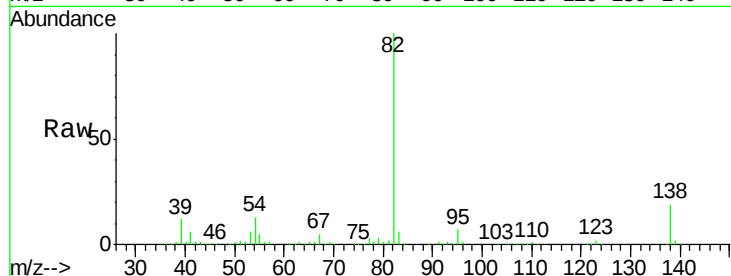
Tgt Ion: 82 Resp: 654531

Ion Ratio Lower Upper

82 100

95 7.2 5.4 8.2

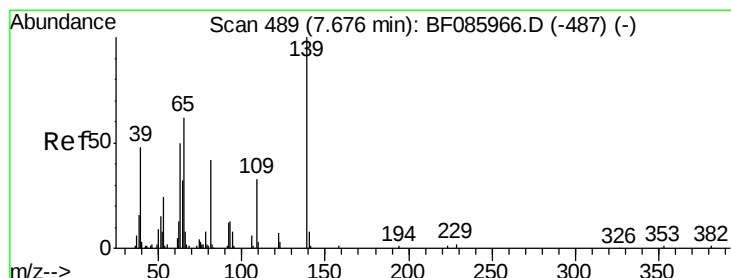
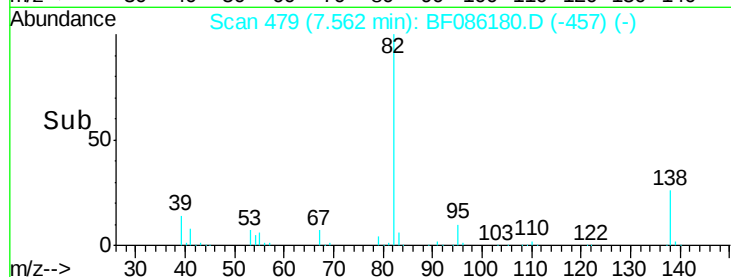
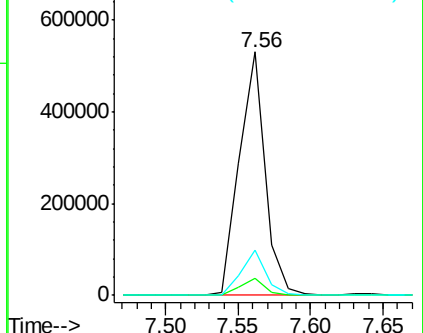
138 18.7 12.9 19.3



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): E



#26

2-Nitrophenol

Concen: 45.51 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.03 min

Lab File: BF086180.D

Acq: 8 Apr 2016 20:52

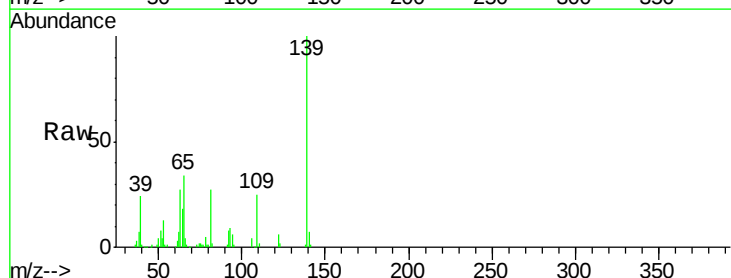
Tgt Ion: 139 Resp: 181482

Ion Ratio Lower Upper

139 100

109 25.2 22.1 33.1

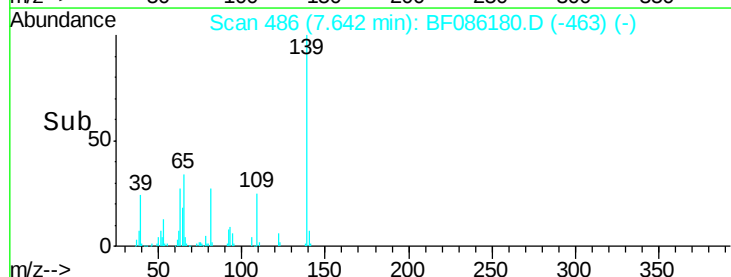
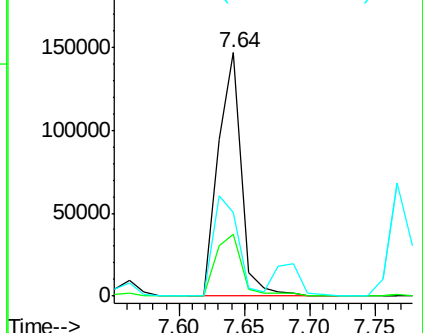
65 34.4 33.9 50.9

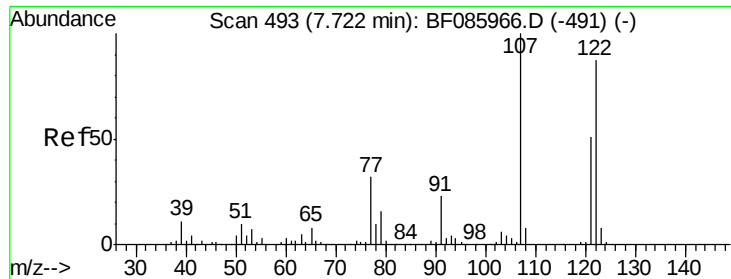


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 44.42 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.03 min

Lab File: BF086180.D

Acq: 8 Apr 2016 20:52

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-08(0.5-20.0)MSD

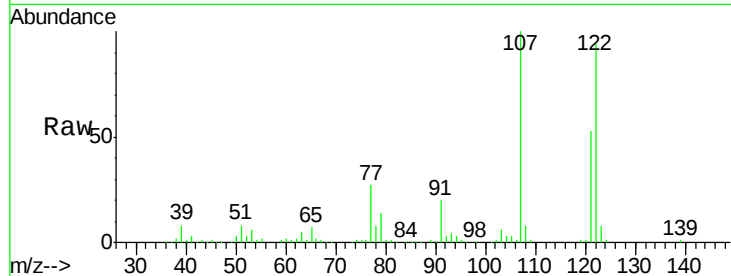
Tgt Ion:122 Resp: 318160

Ion Ratio Lower Upper

122 100

107 106.0 93.0 139.6

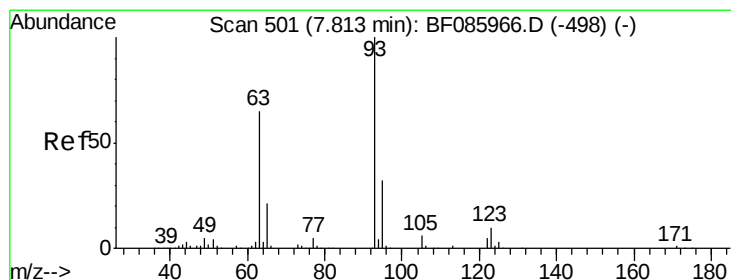
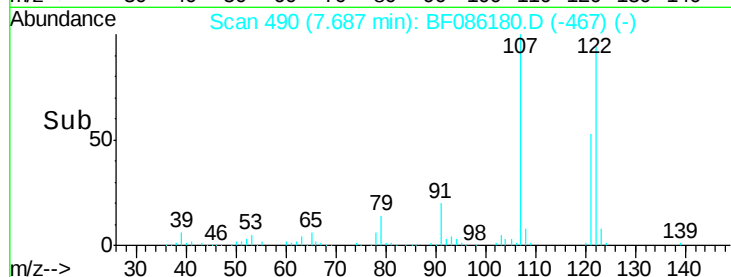
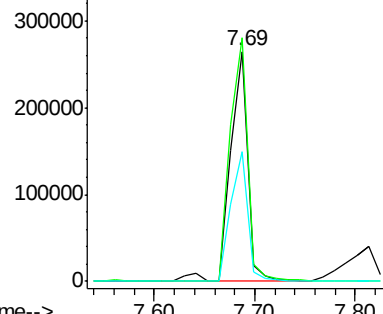
121 56.7 45.9 68.9



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: 43.29 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.05 min

Lab File: BF086180.D

Acq: 8 Apr 2016 20:52

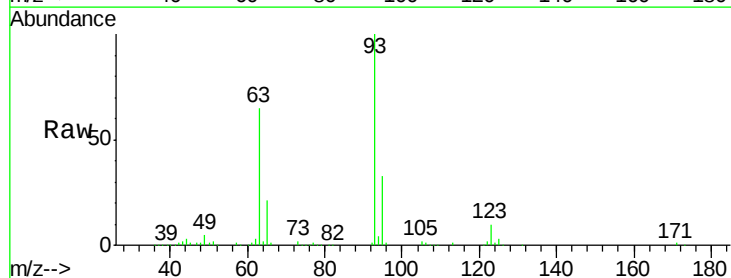
Tgt Ion: 93 Resp: 382015

Ion Ratio Lower Upper

93 100

95 32.8 26.4 39.6

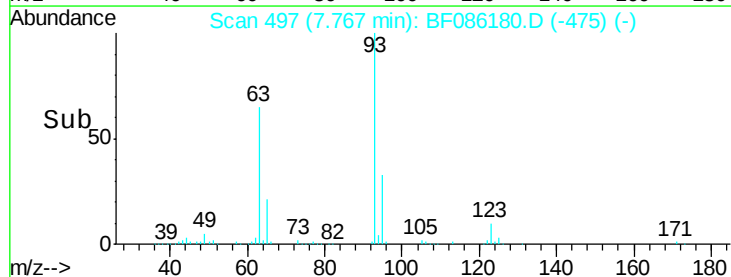
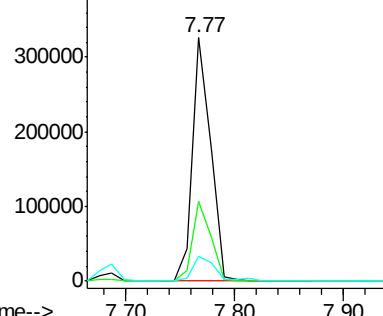
123 10.0 9.8 14.6

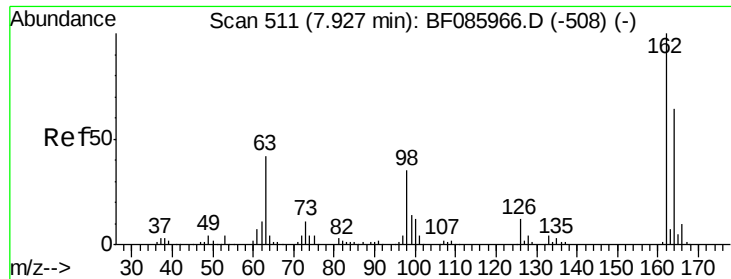


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

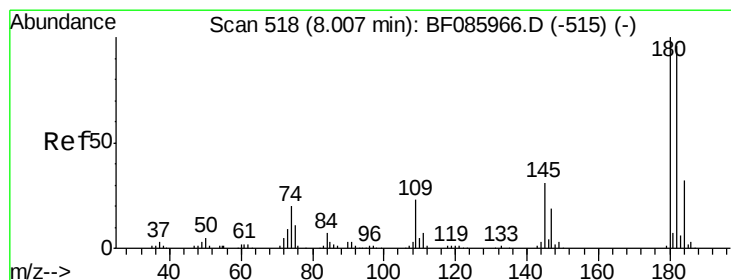
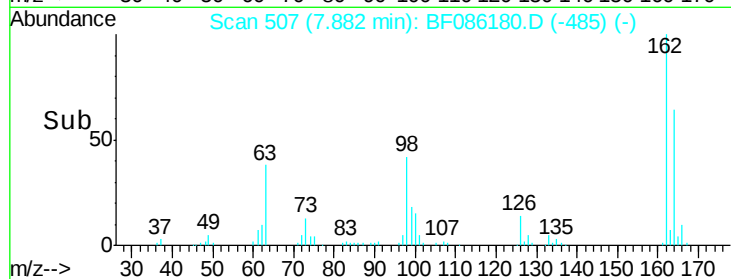
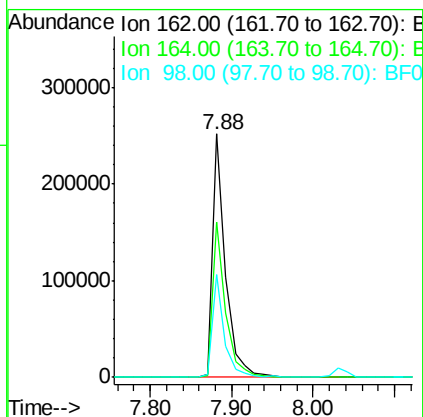
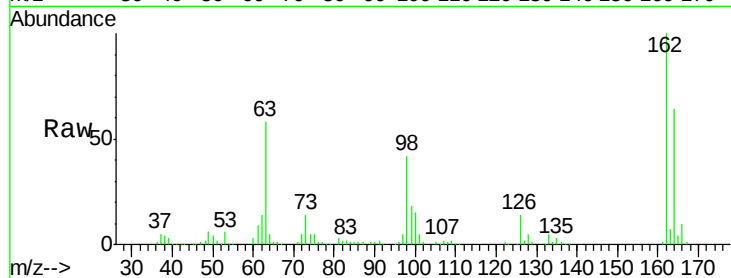




#29
 2,4-Dichlorophenol
 Concen: 45.95 ng
 RT: 7.88 min Scan# 507
 Delta R.T. -0.05 min
 Lab File: BF086180.D
 Acq: 8 Apr 2016 20:52

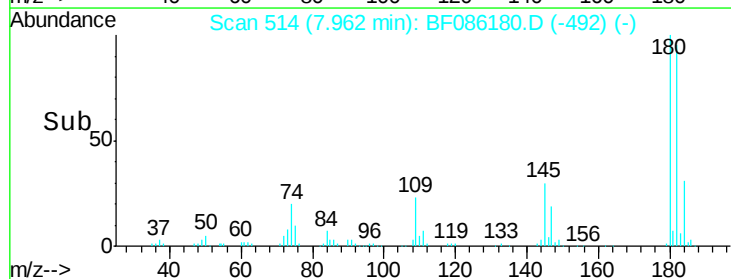
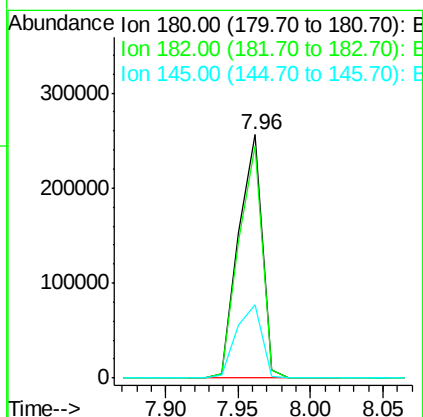
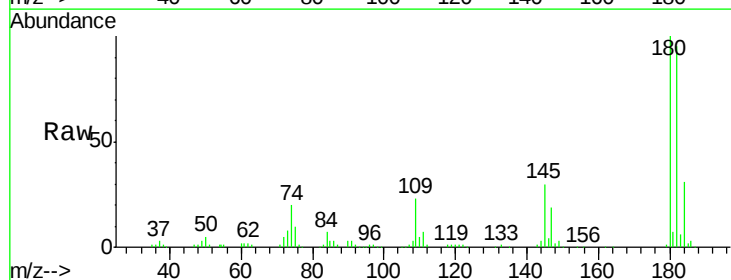
Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-08(0.5-20.0)MSD

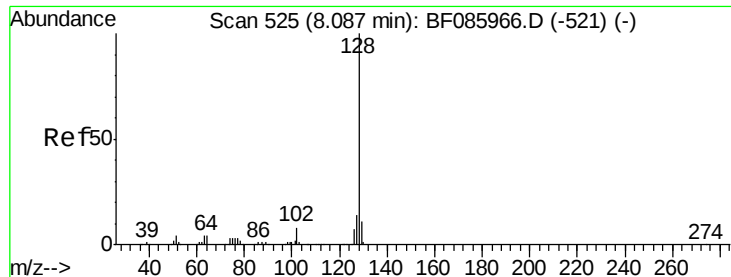
Tgt Ion:162 Resp: 278244
 Ion Ratio Lower Upper
 162 100
 164 63.6 43.7 83.7
 98 42.3 20.4 60.4



#30
 1,2,4-Trichlorobenzene
 Concen: 42.72 ng
 RT: 7.96 min Scan# 514
 Delta R.T. -0.05 min
 Lab File: BF086180.D
 Acq: 8 Apr 2016 20:52

Tgt Ion:180 Resp: 290349
 Ion Ratio Lower Upper
 180 100
 182 95.4 73.8 110.8
 145 30.3 28.4 42.6

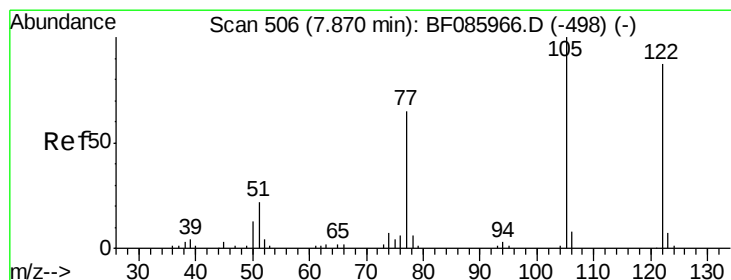
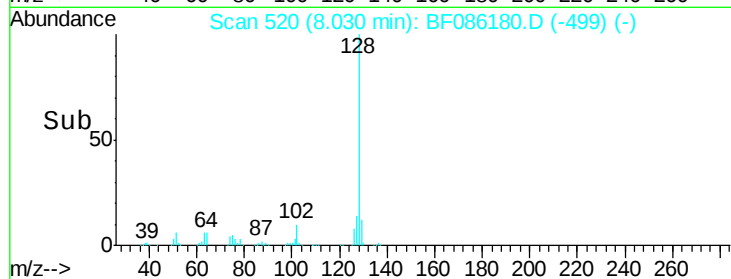
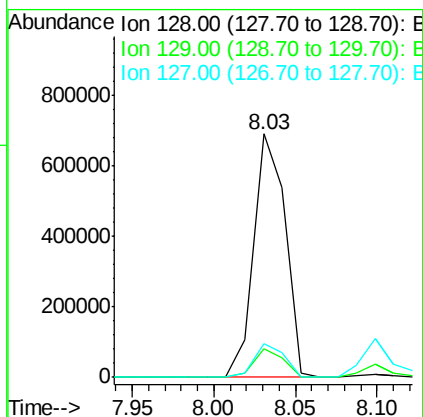
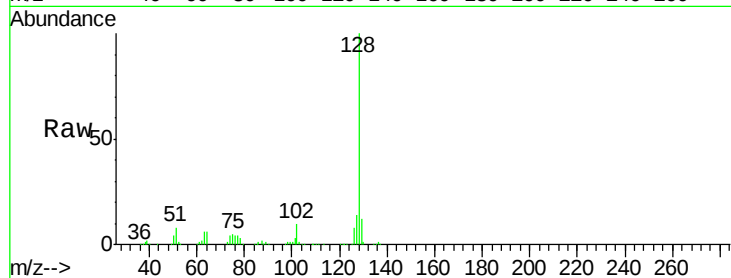




#31
Naphthalene
Concen: 40.98 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.06 min
Lab File: BF086180.D
Acq: 8 Apr 2016 20:52

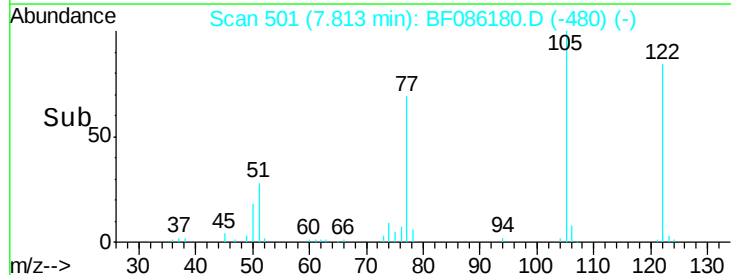
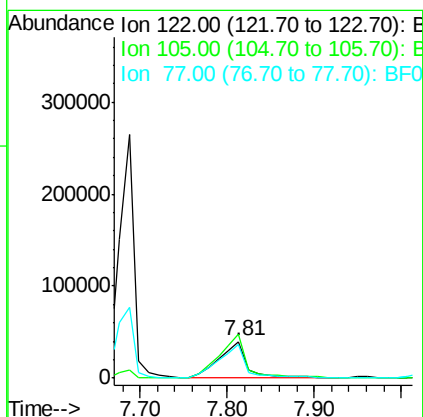
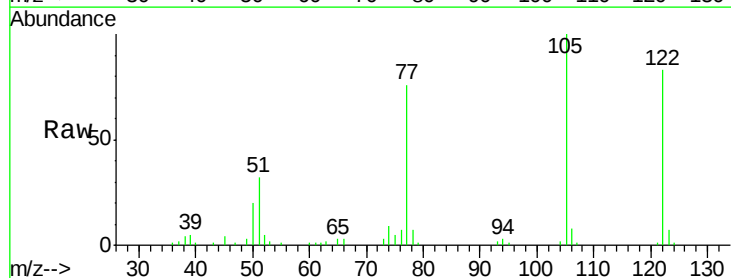
Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-08(0.5-20.0)MSD

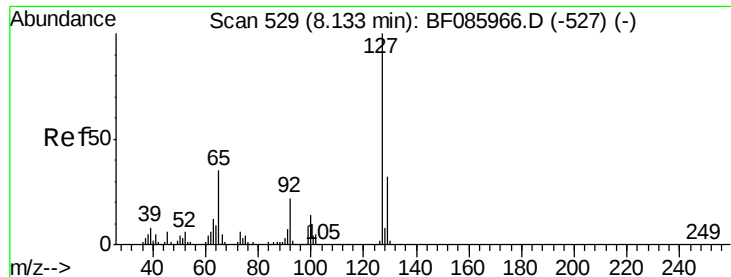
Tgt Ion:128 Resp: 926153
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.0
127 13.6 11.0 16.6



#32
Benzoic acid
Concen: 16.08 ng
RT: 7.81 min Scan# 501
Delta R.T. -0.06 min
Lab File: BF086180.D
Acq: 8 Apr 2016 20:52

Tgt Ion:122 Resp: 84513
Ion Ratio Lower Upper
122 100
105 120.2 102.9 142.9
77 91.8 71.8 111.8

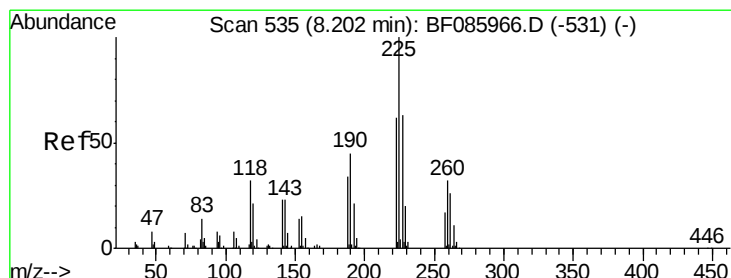
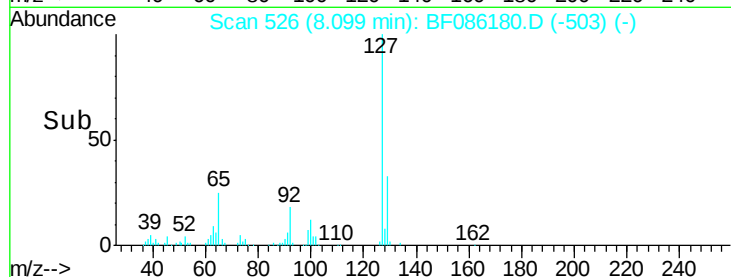
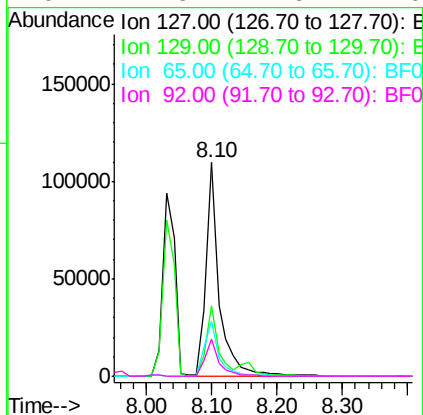
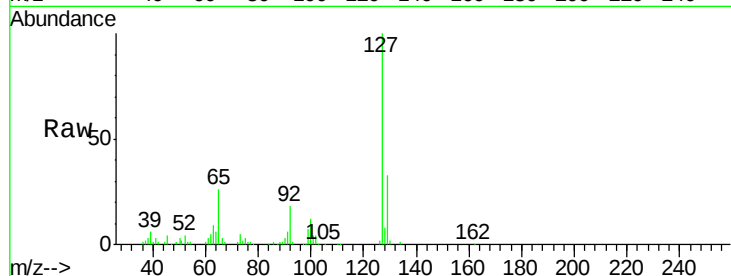




#33
4-Chloroaniline
Concen: 17.09 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.03 min
Lab File: BF086180.D
Acq: 8 Apr 2016 20:52

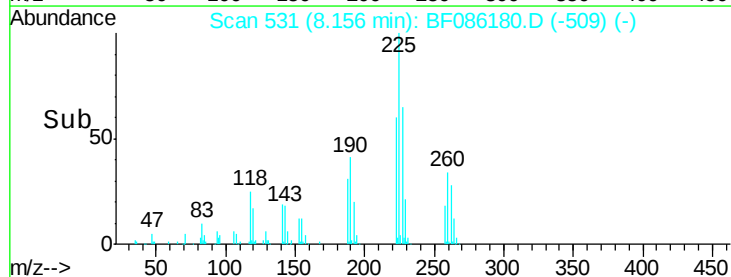
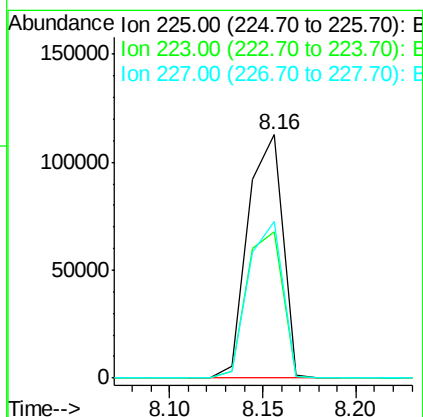
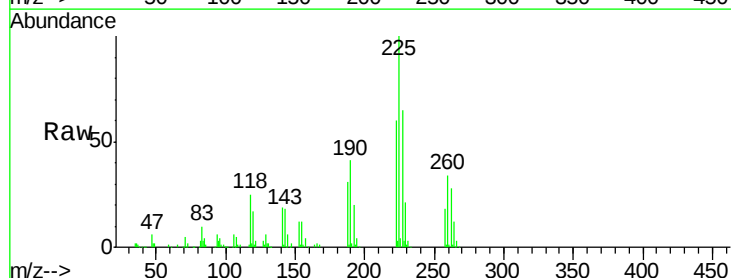
Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-08(0.5-20.0)MSD

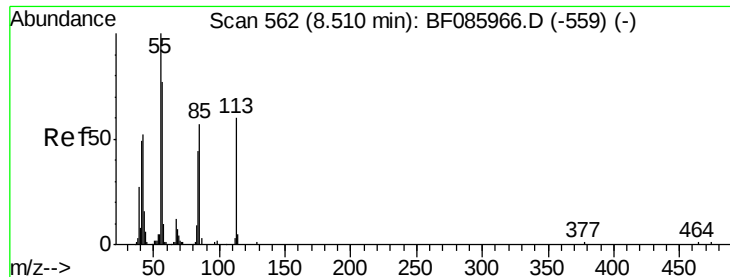
Tgt Ion:	127	Resp:	155998
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.1	39.1
65	25.7	19.5	29.3
92	17.6	14.6	22.0



#34
Hexachlorobutadiene
Concen: 39.74 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.05 min
Lab File: BF086180.D
Acq: 8 Apr 2016 20:52

Tgt Ion:	225	Resp:	145208
Ion	Ratio	Lower	Upper
225	100		
223	60.0	50.4	75.6
227	64.6	51.4	77.2

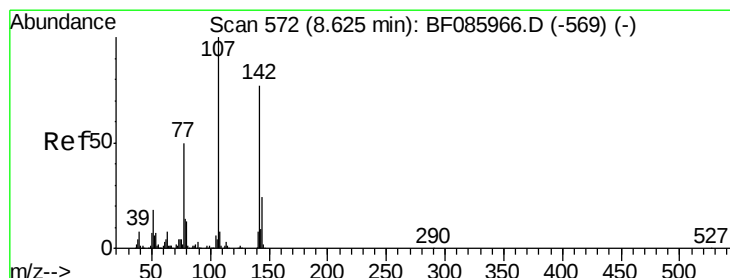
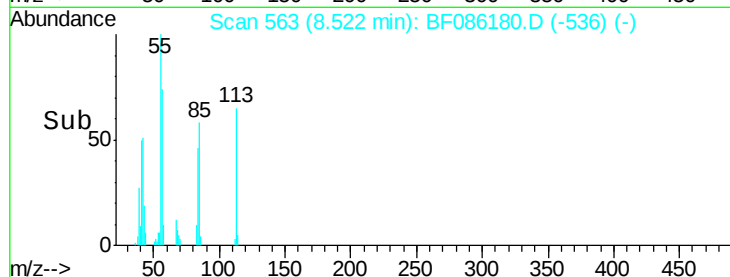
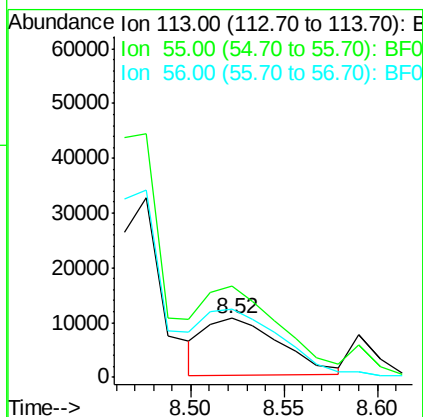
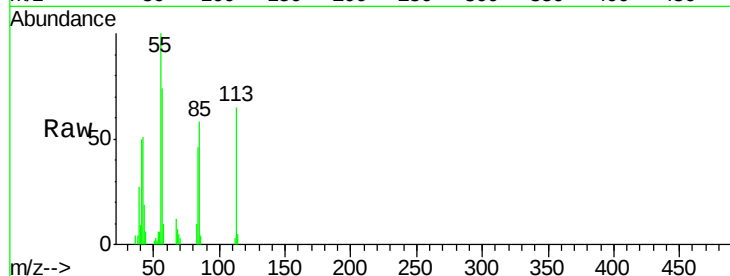




#35
 Caprolactam
 Concen: 15.47 ng
 RT: 8.52 min Scan# 563
 Delta R.T. 0.01 min
 Lab File: BF086180.D
 Acq: 8 Apr 2016 20:52

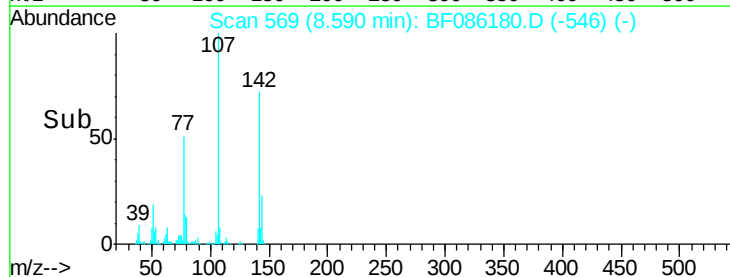
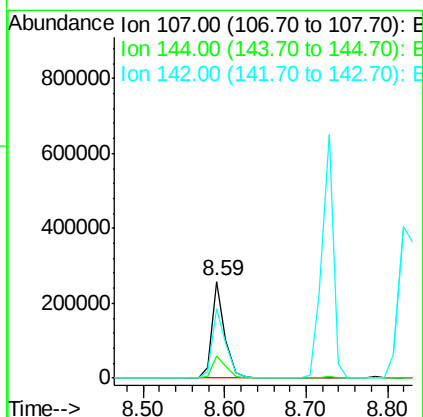
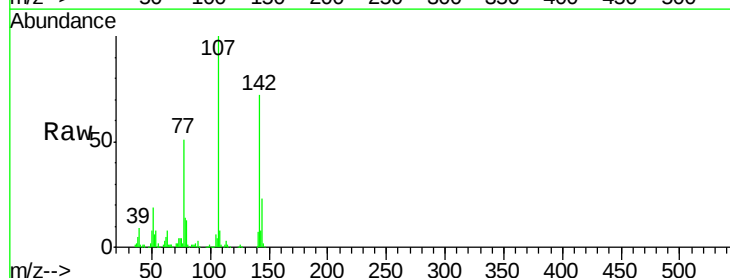
Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-08(0.5-20.0)MSD

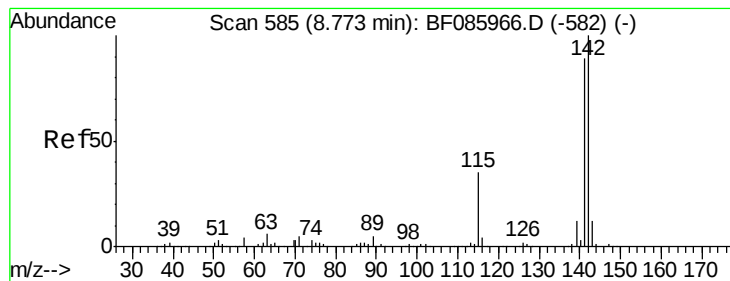
Tgt Ion:113 Resp: 29717
 Ion Ratio Lower Upper
 113 100
 55 154.7 139.4 179.4
 56 115.3 100.4 140.4



#36
 4-Chloro-3-methylphenol
 Concen: 42.05 ng
 RT: 8.59 min Scan# 569
 Delta R.T. -0.03 min
 Lab File: BF086180.D
 Acq: 8 Apr 2016 20:52

Tgt Ion:107 Resp: 286204
 Ion Ratio Lower Upper
 107 100
 144 22.9 19.3 28.9
 142 71.8 61.4 92.0

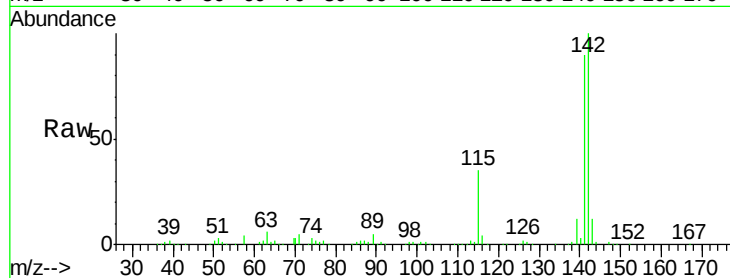




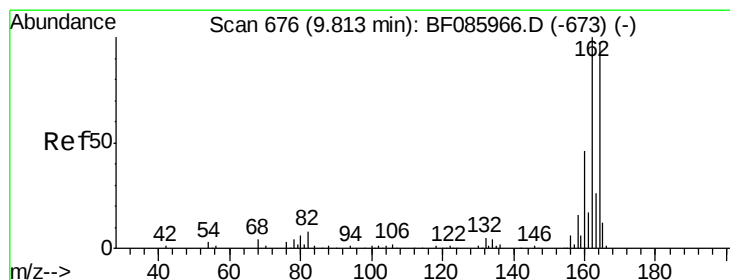
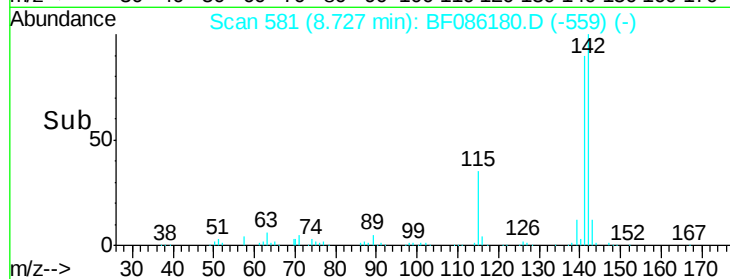
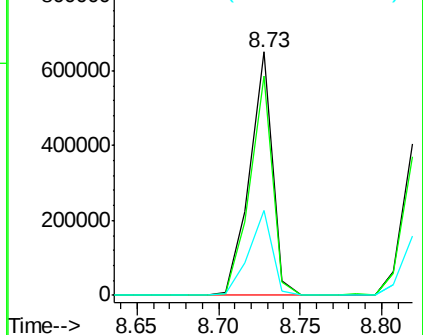
#37
 2-Methylnaphthalene
 Concen: 42.74 ng
 RT: 8.73 min Scan# 581
 Delta R.T. -0.05 min
 Lab File: BF086180.D
 Acq: 8 Apr 2016 20:52

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-08(0.5-20.0)MSD

Tgt Ion:142 Resp: 630938
 Ion Ratio Lower Upper
 142 100
 141 89.9 71.6 107.4
 115 35.0 26.8 40.2

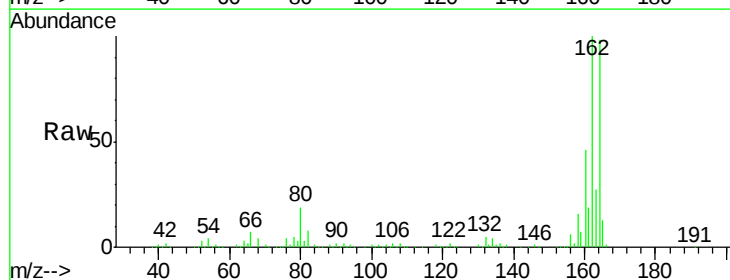


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

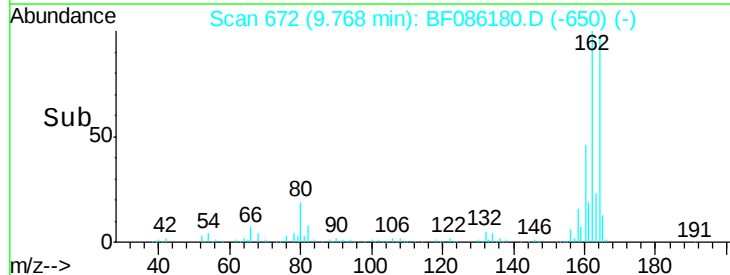
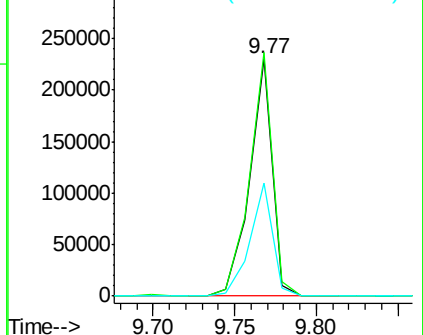


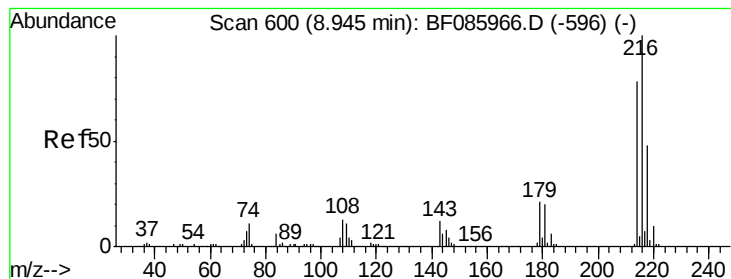
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.05 min
 Lab File: BF086180.D
 Acq: 8 Apr 2016 20:52

Tgt Ion:164 Resp: 221257
 Ion Ratio Lower Upper
 164 100
 162 102.5 82.1 123.1
 160 47.5 37.4 56.2



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.50 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.05 min

Lab File: BF086180.D

Acq: 8 Apr 2016 20:52

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-08(0.5-20.0)MSD

Tgt Ion:216 Resp: 269330

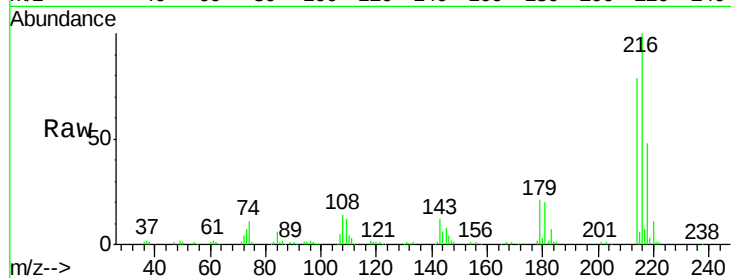
Ion Ratio Lower Upper

216 100

214 79.2 63.1 94.7

179 22.9 18.2 27.2

108 21.7 17.3 25.9

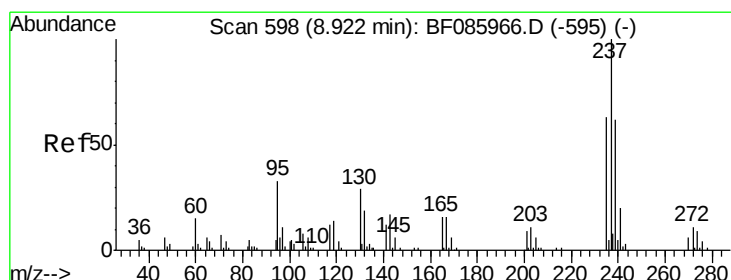
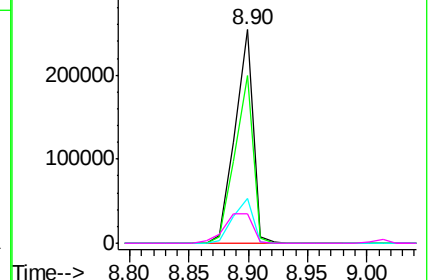
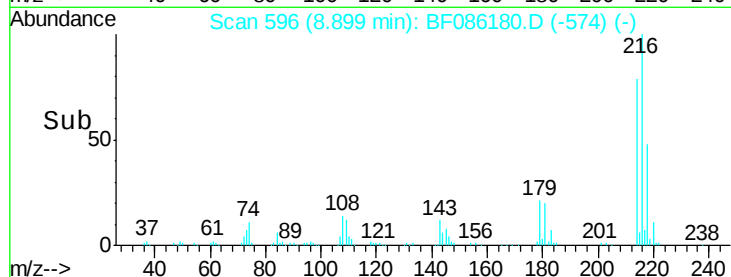


Abundance Ion 216.00 (215.70 to 216.70): E

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: 70.60 ng

RT: 8.88 min Scan# 594

Delta R.T. -0.04 min

Lab File: BF086180.D

Acq: 8 Apr 2016 20:52

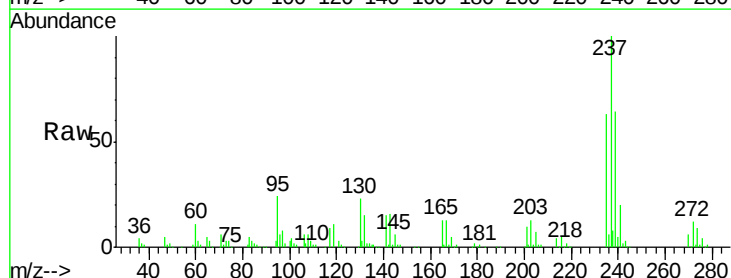
Tgt Ion:237 Resp: 161624

Ion Ratio Lower Upper

237 100

235 62.9 43.7 83.7

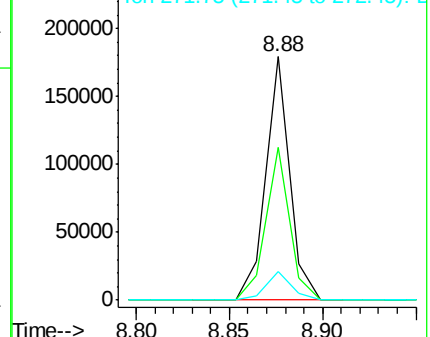
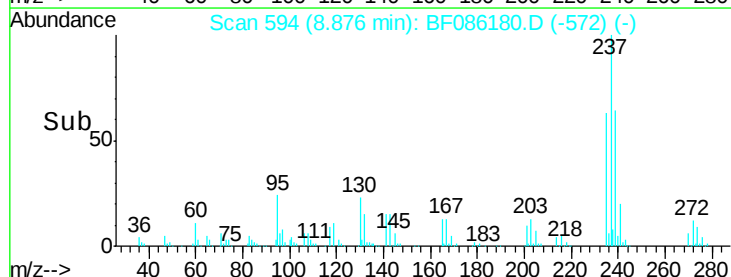
272 11.7 0.0 31.9

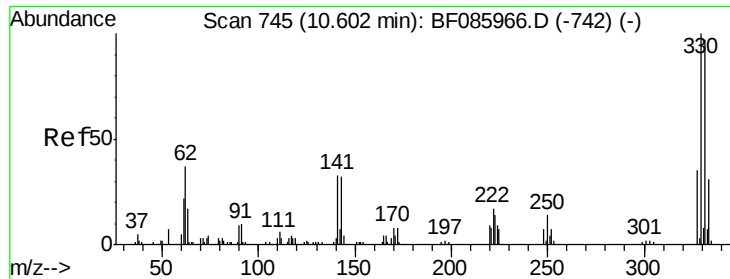


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

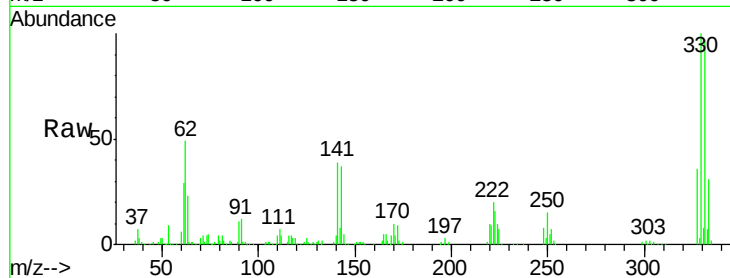




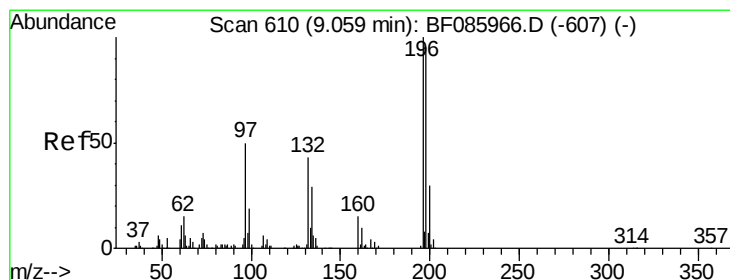
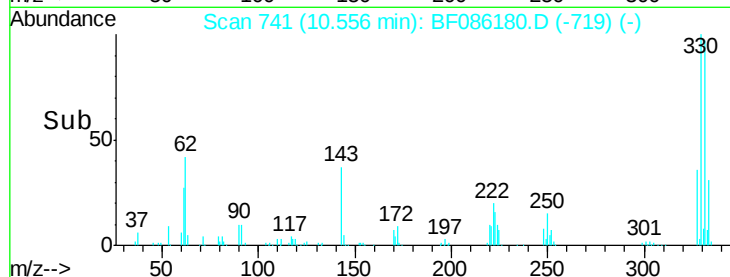
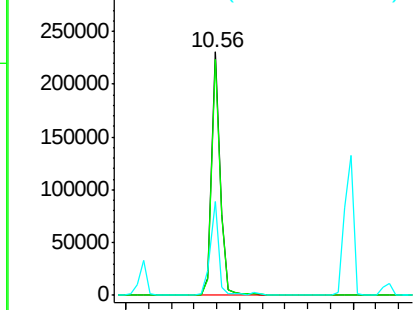
#41
 2,4,6-Tribromophenol
 Concen: 113.44 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.05 min
 Lab File: BF086180.D
 Acq: 8 Apr 2016 20:52

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-08(0.5-20.0)MSD

Tgt Ion:330 Resp: 235577
 Ion Ratio Lower Upper
 330 100
 332 97.2 78.2 117.2
 141 37.1 31.5 47.3

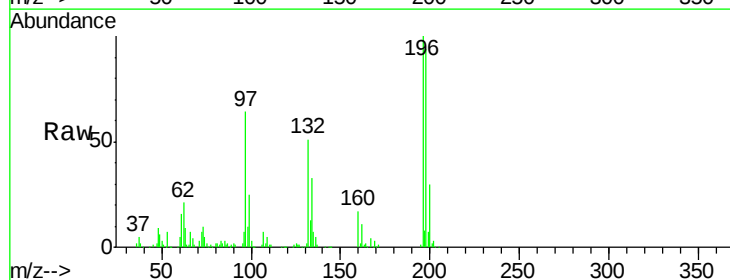


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

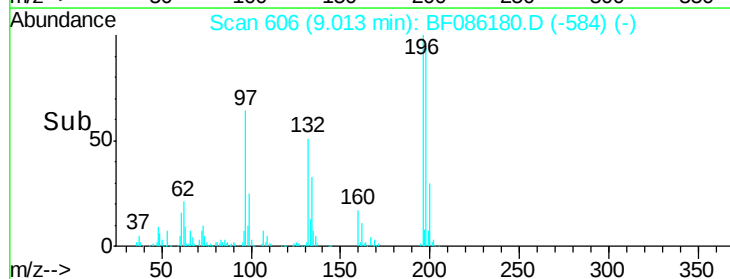
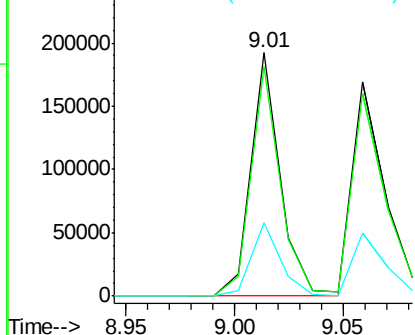


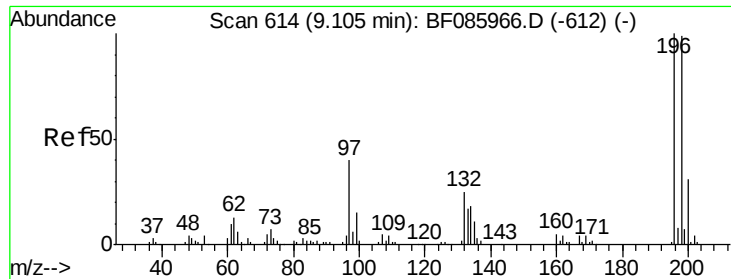
#42
 2,4,6-Trichlorophenol
 Concen: 42.23 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.05 min
 Lab File: BF086180.D
 Acq: 8 Apr 2016 20:52

Tgt Ion:196 Resp: 180326
 Ion Ratio Lower Upper
 196 100
 198 94.1 75.3 112.9
 200 30.2 23.7 35.5



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

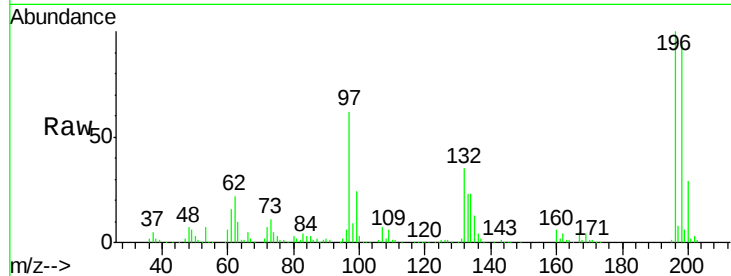




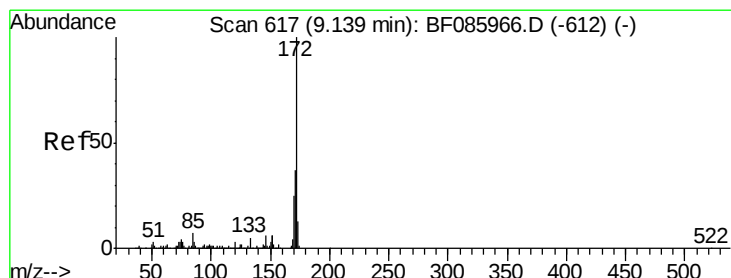
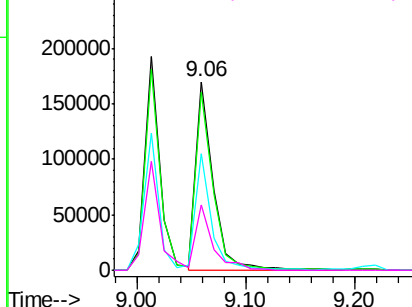
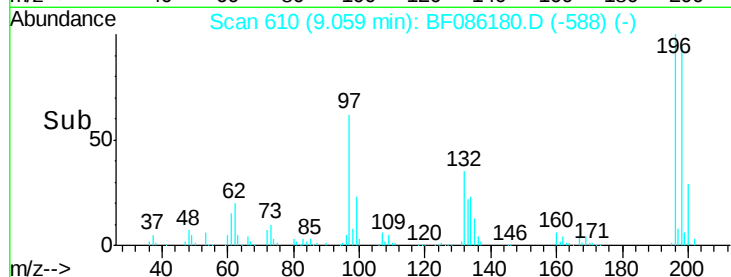
#43
 2,4,5-Trichlorophenol
 Concen: 42.72 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.05 min
 Lab File: BF086180.D
 Acq: 8 Apr 2016 20:52

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-08(0.5-20.0)MSD

Tgt Ion:196 Resp: 185212
 Ion Ratio Lower Upper
 196 100
 198 94.3 76.6 114.8
 97 61.9 30.5 45.7#
 132 34.9 20.2 30.2#

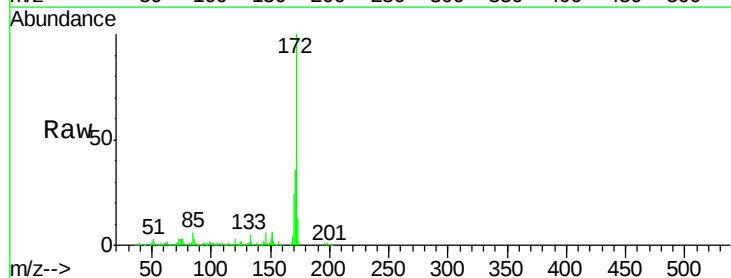


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 85.37 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF086180.D
 Acq: 8 Apr 2016 20:52

Tgt Ion:172 Resp: 1136054
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.2
 170 24.3 19.8 29.6



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

