

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040816\
 Data File : BF086197.D
 Acq On : 9 Apr 2016 4:49
 Operator : UM/SJ
 Sample : H2346-06MS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-36(0.5-20.0)MS

Quant Time: Apr 09 05:31:45 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	114132	20.00	ng	-0.05
21) Naphthalene-d8	8.02	136	446243	20.00	ng	-0.05
38) Acenaphthene-d10	9.77	164	186055	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	289030	20.00	ng	-0.05
75) Chrysene-d12	13.88	240	217622	20.00	ng	-0.05
86) Perylene-d12	15.28	264	186630	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	833104	124.77	ng	-0.03
7) Phenol-d6	6.38	99	1080868	127.44	ng	-0.03
23) Nitrobenzene-d5	7.30	82	709759	93.80	ng	-0.05
41) 2,4,6-Tribromophenol	10.56	330	195850	112.15	ng	-0.05
44) 2-Fluorobiphenyl	9.09	172	1010503	90.30	ng	-0.05
78) Terphenyl-d14	12.83	244	750710	81.09	ng	-0.05

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.30	88	129252	40.83	ng	98
3) Pyridine	2.99	79	300838	42.45	ng	99
4) n-Nitrosodimethylamine	2.94	42	149331	47.92	ng	99
6) Aniline	6.40	93	233460	20.98	ng	# 9
8) 2-Chlorophenol	6.52	128	347991	43.70	ng	97
9) Benzaldehyde	6.27	77	118932	26.06	ng	90
10) Phenol	6.40	94	347386	35.91	ng	# 64
11) bis(2-Chloroethyl)ether	6.48	93	333014	43.47	ng	98
12) 1,3-Dichlorobenzene	6.67	146	371145	43.98	ng	97
13) 1,4-Dichlorobenzene	6.75	146	366023	42.10	ng	94
14) 1,2-Dichlorobenzene	6.90	146	333401	41.66	ng	98
15) Benzyl Alcohol	6.89	79	249750	45.52	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	365041	39.00	ng	51
17) 2-Methylphenol	7.00	107	269726	42.96	ng	# 93
18) Hexachloroethane	7.23	117	111266	34.79	ng	# 80
19) n-Nitroso-di-n-propylamine	7.15	70	225349	42.87	ng	# 92
20) 3+4-Methylphenols	7.16	107	351109	45.98	ng	# 65
22) Acetophenone	7.15	105	471904	44.99	ng	# 90
24) Nitrobenzene	7.32	77	360657	43.57	ng	98
25) Isophorone	7.56	82	660407	44.21	ng	98
26) 2-Nitrophenol	7.64	139	152142	38.41	ng	94
27) 2,4-Dimethylphenol	7.69	122	322746	45.37	ng	99
28) bis(2-Chloroethoxy)methane	7.78	93	408986	46.66	ng	99
29) 2,4-Dichlorophenol	7.89	162	261809	43.53	ng	92
30) 1,2,4-Trichlorobenzene	7.96	180	294768	43.66	ng	97
31) Naphthalene	8.04	128	980431	43.68	ng	99
32) Benzoic acid	7.80	122	56652	10.85	ng	99
33) 4-Chloroaniline	8.10	127	116084	12.80	ng	99
34) Hexachlorobutadiene	8.16	225	155337	42.80	ng	100
35) Caprolactam	8.48	113	85850	45.00	ng	# 84
36) 4-Chloro-3-methylphenol	8.59	107	279619	41.36	ng	92
37) 2-Methylnaphthalene	8.73	142	572300	39.03	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	262270	46.90	ng	98
40) Hexachlorocyclopentadiene	8.88	237	21493	18.78	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	159721	44.48	ng	100
43) 2,4,5-Trichlorophenol	9.07	196	165090	45.28	ng	100
45) 1,1'-Biphenyl	9.20	154	715652	44.61	ng	96
46) 2-Chloronaphthalene	9.22	162	525641	45.20	ng	96
47) 2-Nitroaniline	9.32	65	166280	48.87	ng	96
48) Acenaphthylene	9.63	152	786615	42.23	ng	100
49) Dimethylphthalate	9.49	163	730292	52.96	ng	99
50) 2,6-Dinitrotoluene	9.56	165	112025	38.40	ng	# 85
51) Acenaphthene	9.80	154	464323	41.91	ng	99
52) 3-Nitroaniline	9.73	138	116233	33.05	ng	97
53) 2,4-Dinitrophenol	9.87	184	7859	9.10	ng	# 80
54) Dibenzofuran	9.97	168	665556	45.49	ng	100
55) 4-Nitrophenol	9.92	139	152326	73.48	ng	85
56) 2,4-Dinitrotoluene	9.97	165	129206	35.05	ng	# 47
57) Fluorene	10.32	166	514335	41.15	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	120858	44.52	ng	97
59) Diethylphthalate	10.19	149	592074	42.54	ng	96
60) 4-Chlorophenyl-phenylether	10.30	204	223998	38.47	ng	97
61) 4-Nitroaniline	10.35	138	136287	39.36	ng	93
62) Azobenzene	10.46	77	591548	44.37	ng	99
64) 4,6-Dinitro-2-methylphenol	10.38	198	11433	6.53	ng	94
65) n-Nitrosodiphenylamine	10.43	169	466461	51.61	ng	100
66) 4-Bromophenyl-phenylether	10.80	248	148610	50.36	ng	96
67) Hexachlorobenzene	10.86	284	146958	48.16	ng	# 93
68) Atrazine	10.96	200	121553	41.62	ng	96
69) Pentachlorophenol	11.07	266	112916	78.96	ng	98
70) Phenanthrene	11.28	178	727795	46.16	ng	100
71) Anthracene	11.32	178	664237	40.21	ng	100
72) Carbazole	11.48	167	581754	40.97	ng	99
73) Di-n-butylphthalate	11.81	149	836678	47.56	ng	100
74) Fluoranthene	12.45	202	622107	37.93	ng	99
76) Benzidine	12.59	184	495241	64.50	ng	98
77) Pyrene	12.68	202	635815	41.46	ng	99
79) Butylbenzylphthalate	13.30	149	308540	44.68	ng	# 66
80) Benzo(a)anthracene	13.87	228	544884	42.48	ng	100
81) 3,3'-Dichlorobenzidine	13.84	252	166696	17.79	ng	99
82) Chrysene	13.92	228	533068	43.14	ng	100
83) Bis(2-ethylhexyl)phthalate	13.86	149	430044	46.92	ng	99
84) Di-n-octyl phthalate	14.48	149	798982	54.59	ng	98
85) Indeno(1,2,3-cd)pyrene	16.63	276	430865	42.98	ng	99
87) Benzo(h)fluoranthene	14.89	252	961408	81.89	ng	99
88) Benzo(k)fluoranthene	14.89	252	961408	92.48	ng	# 97
89) Benzo(a)pyrene	15.23	252	448509	43.12	ng	# 95
90) Dibenzo(a,h)anthracene	16.63	278	372759	44.54	ng	99
91) Benzo(g,h,i)perylene	17.01	276	344974	42.59	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.05 min

Lab File: BF086197.D

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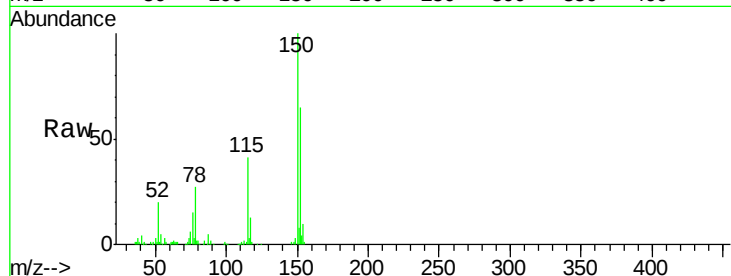
Tgt Ion:152 Resp: 114132

Ion Ratio Lower Upper

152 100

150 154.5 124.2 186.2

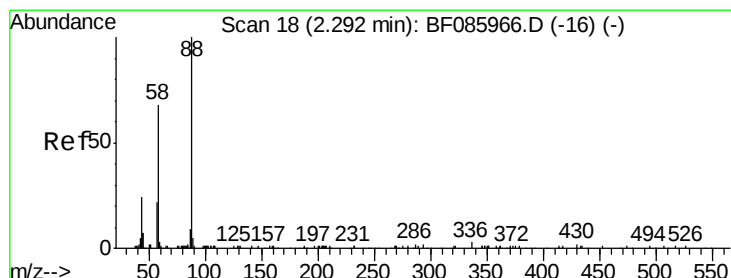
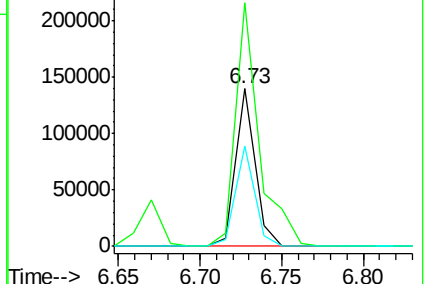
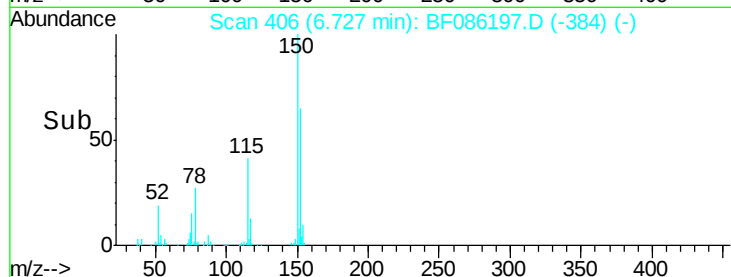
115 63.4 47.0 70.6



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: 40.83 ng

RT: 2.30 min Scan# 19

Delta R.T. 0.01 min

Lab File: BF086197.D

Acq: 9 Apr 2016 4:49

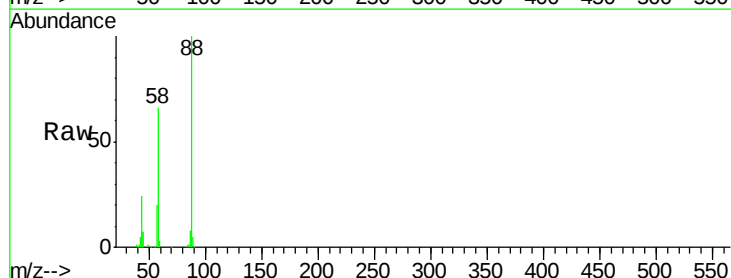
Tgt Ion: 88 Resp: 129252

Ion Ratio Lower Upper

88 100

58 69.5 54.2 81.2

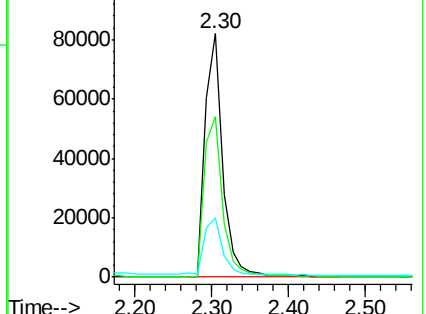
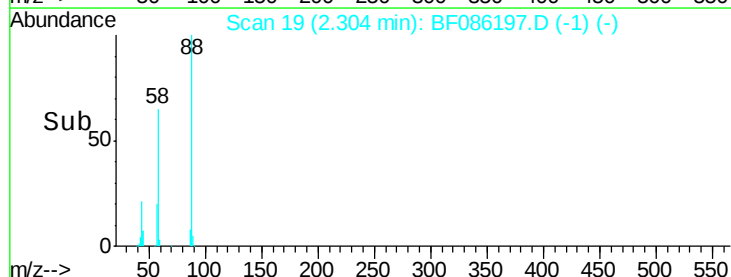
43 25.1 19.3 28.9



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: 42.45 ng

RT: 2.99 min Scan# 79

Delta R.T. -0.01 min

Lab File: BF086197.D

Acq: 9 Apr 2016 4:49

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-36(0.5-20.0)MS

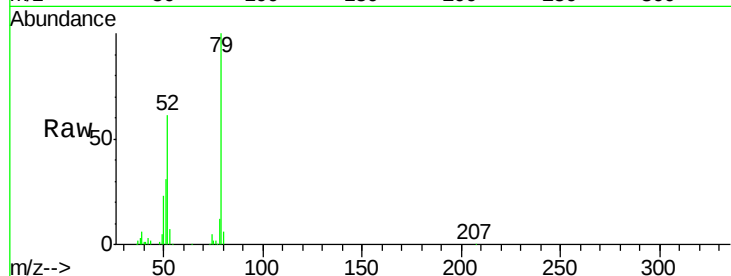
Tgt Ion: 79 Resp: 300838

Ion Ratio Lower Upper

79 100

52 61.2 49.8 74.6

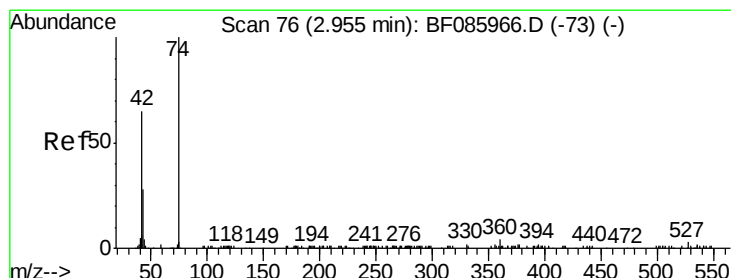
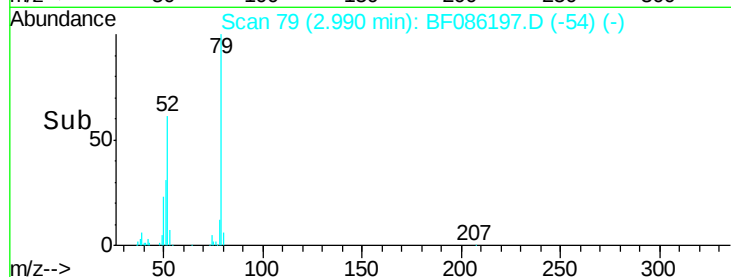
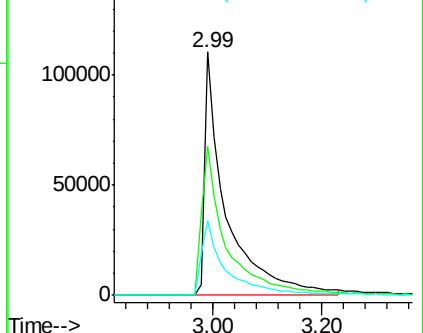
51 30.6 24.7 37.1



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: 47.92 ng

RT: 2.94 min Scan# 75

Delta R.T. -0.01 min

Lab File: BF086197.D

Acq: 9 Apr 2016 4:49

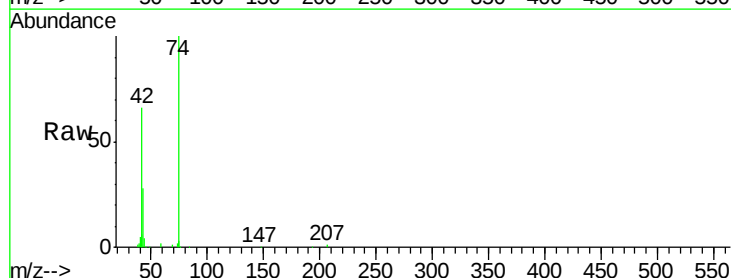
Tgt Ion: 42 Resp: 149331

Ion Ratio Lower Upper

42 100

74 152.5 121.4 182.2

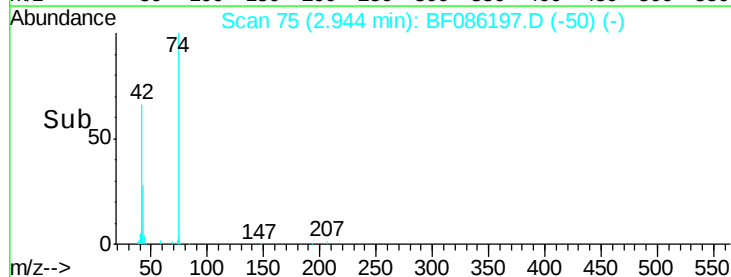
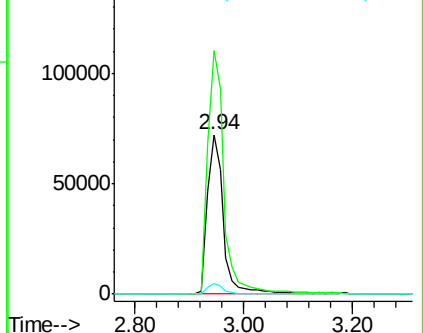
44 6.7 5.6 8.4

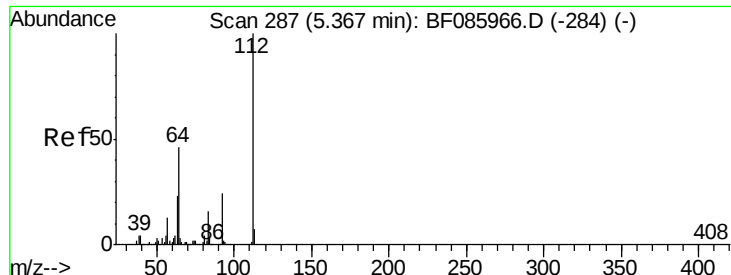


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 124.77 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.03 min

Lab File: BF086197.D

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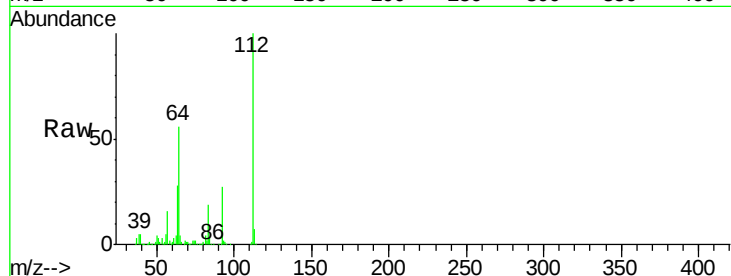
Tgt Ion: 112 Resp: 833104

Ion Ratio Lower Upper

112 100

64 55.9 39.9 59.9

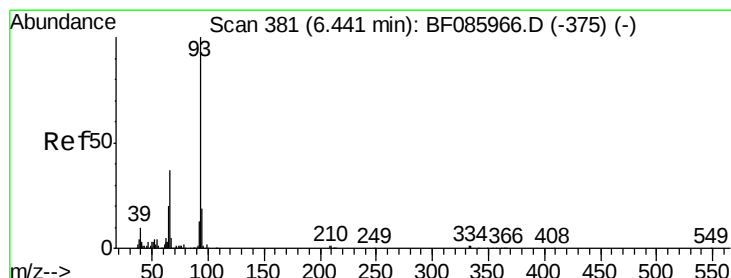
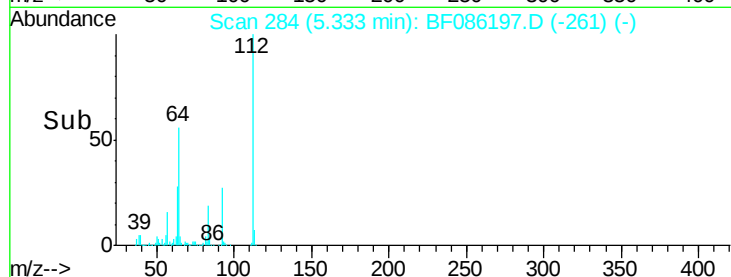
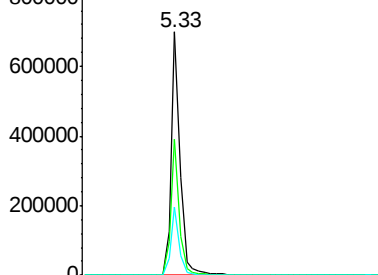
63 27.9 20.2 30.2



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: 20.98 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF086197.D

Acq: 9 Apr 2016 4:49

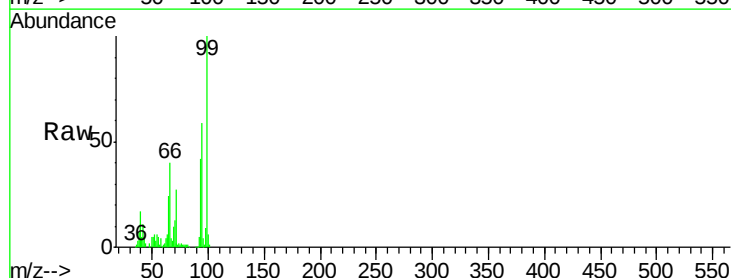
Tgt Ion: 93 Resp: 233460

Ion Ratio Lower Upper

93 100

66 97.5 31.4 47.2#

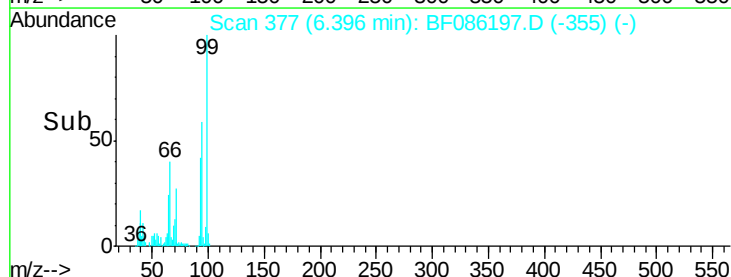
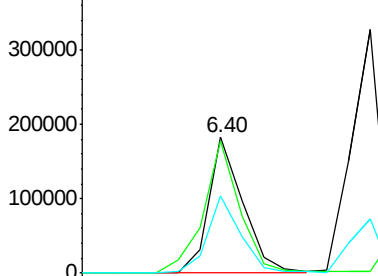
65 57.1 15.7 23.5#

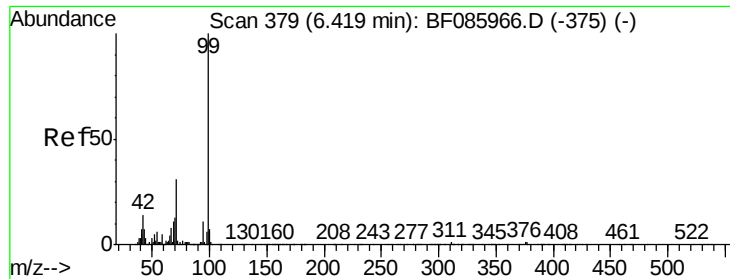


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 127.44 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

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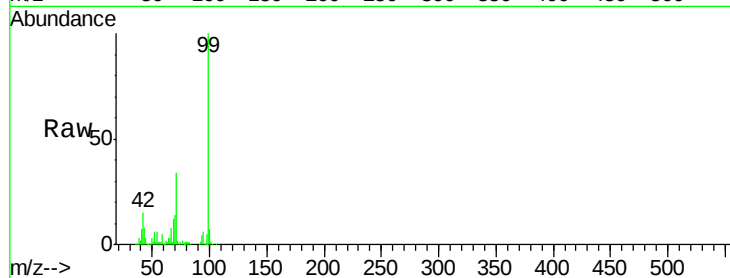
Tgt Ion: 99 Resp: 1080868

Ion Ratio Lower Upper

99 100

42 15.2 11.1 16.7

71 33.6 24.9 37.3



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

800000

600000

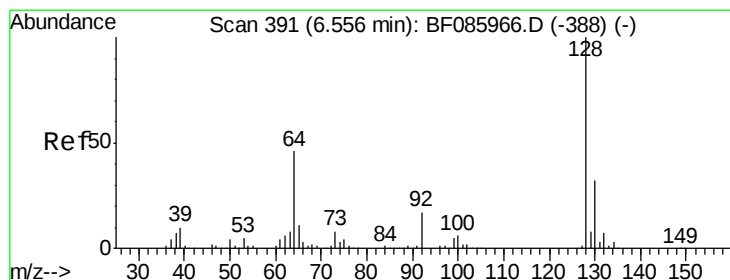
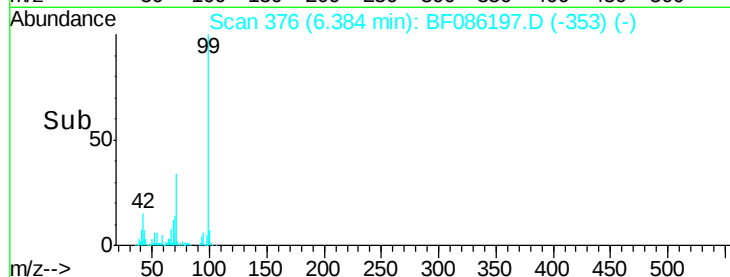
400000

200000

0

6.38

Time-->



#8

2-Chlorophenol

Concen: 43.70 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.03 min

Lab File: BF086197.D

Acq: 9 Apr 2016 4:49

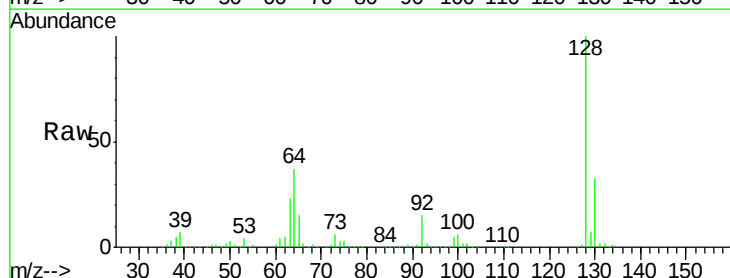
Tgt Ion: 128 Resp: 347991

Ion Ratio Lower Upper

128 100

130 33.4 12.9 52.9

64 36.8 20.2 60.2



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

500000

400000

300000

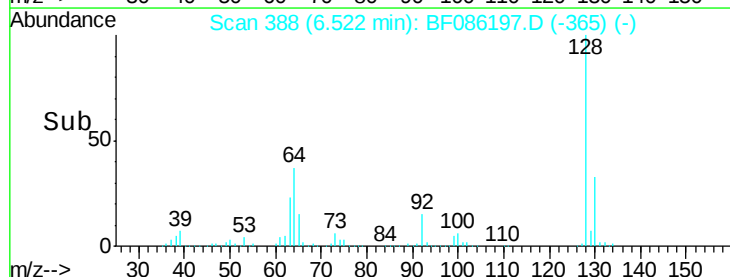
200000

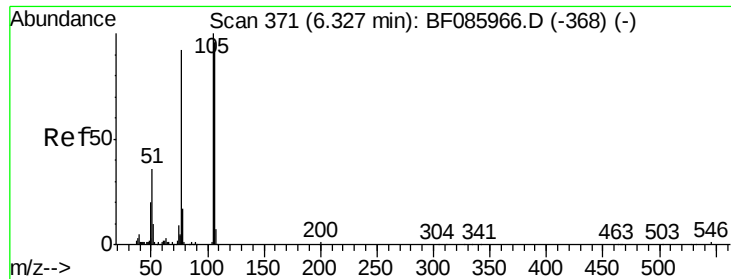
100000

0

6.52

Time-->





#9

Benzaldehyde

Concen: 26.06 ng

RT: 6.27 min Scan# 366

Delta R.T. -0.06 min

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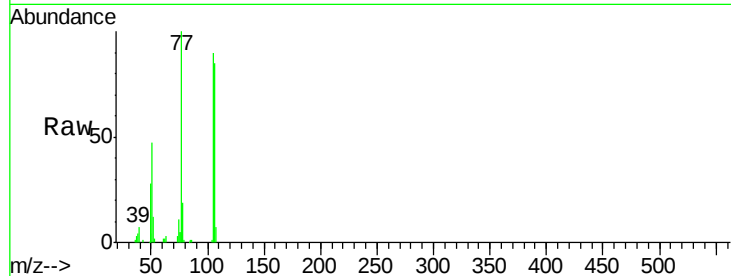
Tgt Ion: 77 Resp: 118932

Ion Ratio Lower Upper

77 100

105 90.1 80.1 120.1

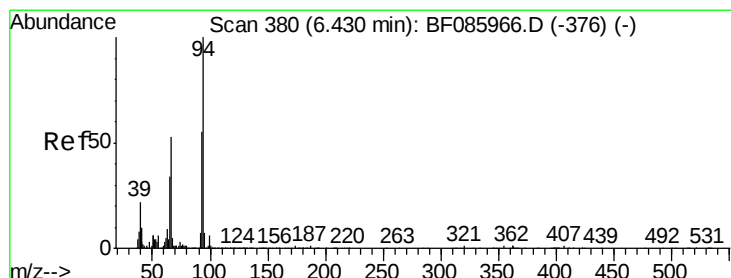
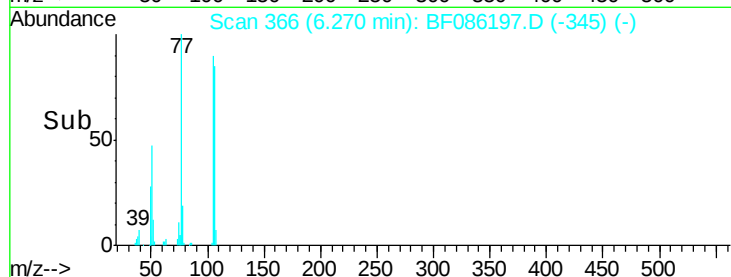
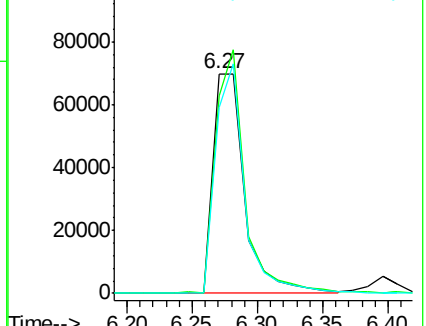
106 84.6 75.0 115.0



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: 35.91 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.03 min

Lab File: BF086197.D

Acq: 9 Apr 2016 4:49

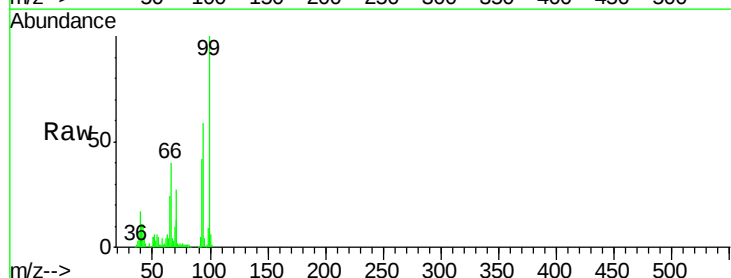
Tgt Ion: 94 Resp: 347386

Ion Ratio Lower Upper

94 100

65 40.3 8.6 48.6

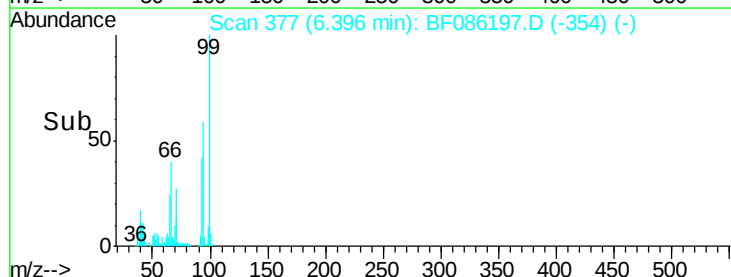
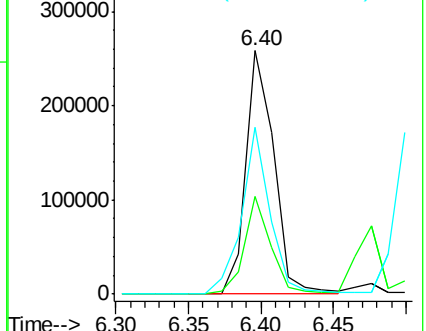
66 68.7 20.0 60.0#

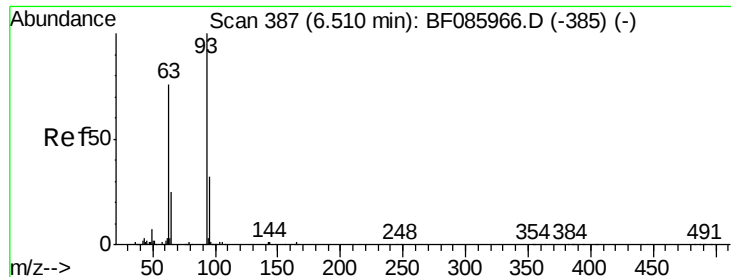


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

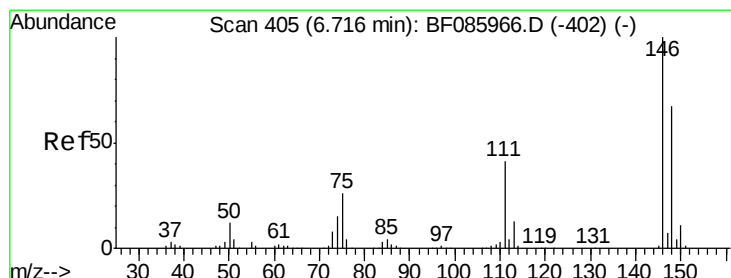
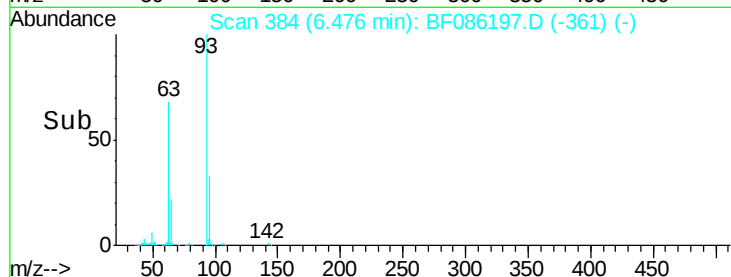
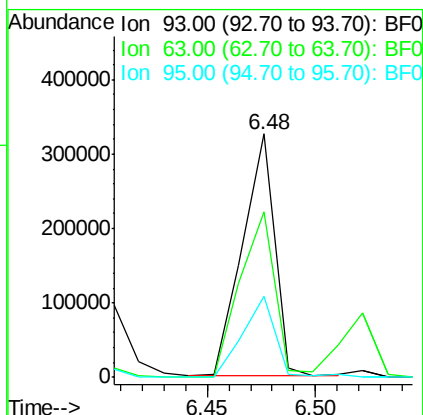
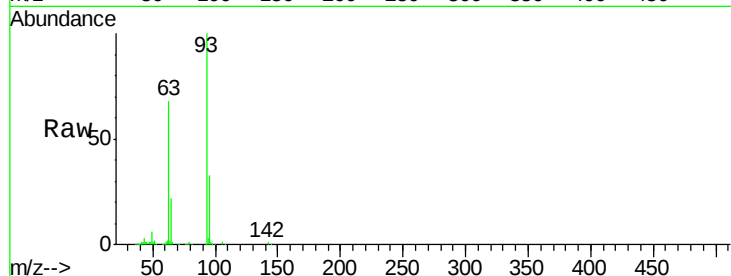




#11
bis(2-Chloroethyl)ether
Concen: 43.47 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.03 min
Lab File: BF086197.D
Acq: 9 Apr 2016 4:49

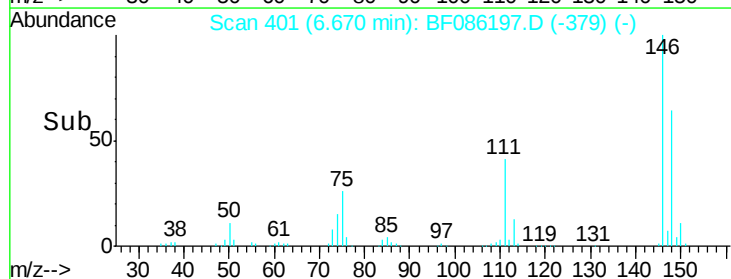
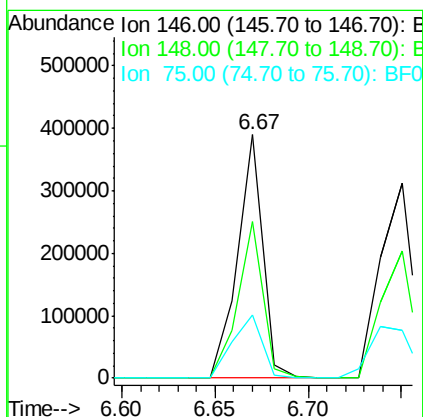
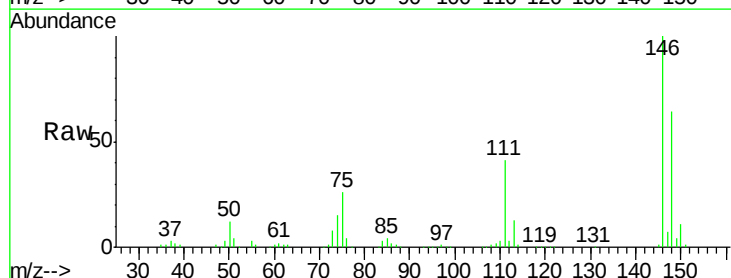
Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-36(0.5-20.0)MS

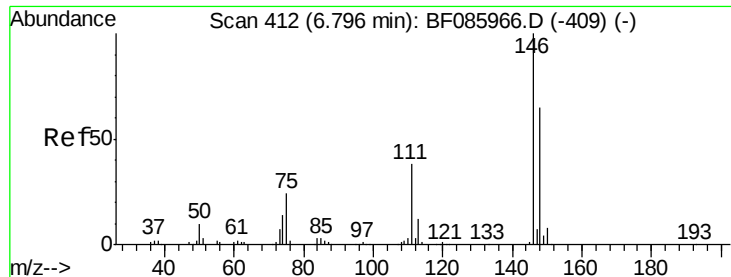
Tgt Ion: 93 Resp: 333014
Ion Ratio Lower Upper
93 100
63 68.2 50.9 90.9
95 33.5 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 43.98 ng
RT: 6.67 min Scan# 401
Delta R.T. -0.05 min
Lab File: BF086197.D
Acq: 9 Apr 2016 4:49

Tgt Ion: 146 Resp: 371145
Ion Ratio Lower Upper
146 100
148 64.1 52.3 78.5
75 25.9 17.4 26.2

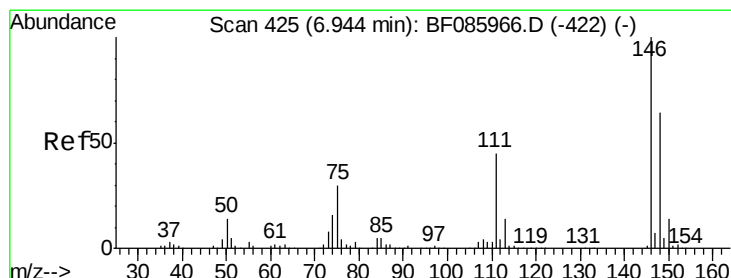
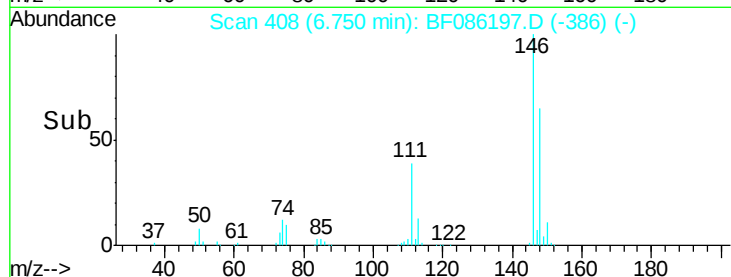
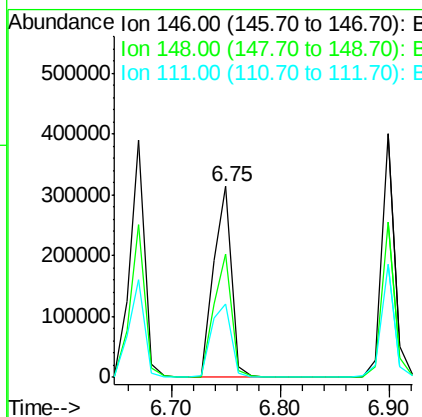
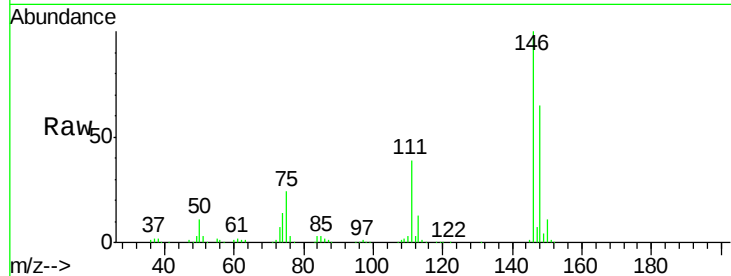




#13
 1,4-Dichlorobenzene
 Concen: 42.10 ng
 RT: 6.75 min Scan# 408
 Delta R.T. -0.05 min
 Lab File: BF086197.D
 Acq: 9 Apr 2016 4:49

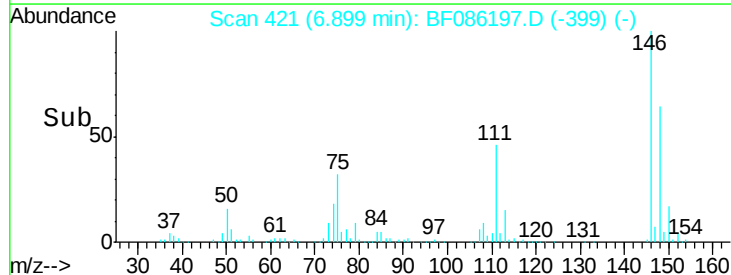
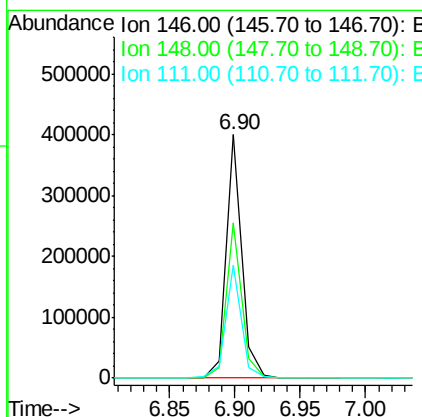
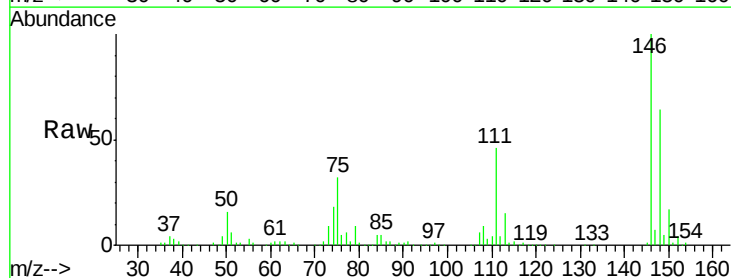
Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-36(0.5-20.0)MS

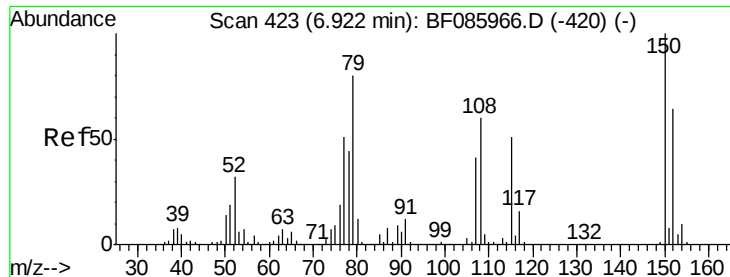
Tgt Ion:146 Resp: 366023
 Ion Ratio Lower Upper
 146 100
 148 64.7 50.6 76.0
 111 38.7 37.8 56.6



#14
 1,2-Dichlorobenzene
 Concen: 41.66 ng
 RT: 6.90 min Scan# 421
 Delta R.T. -0.05 min
 Lab File: BF086197.D
 Acq: 9 Apr 2016 4:49

Tgt Ion:146 Resp: 333401
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.4 77.2
 111 46.2 34.6 52.0

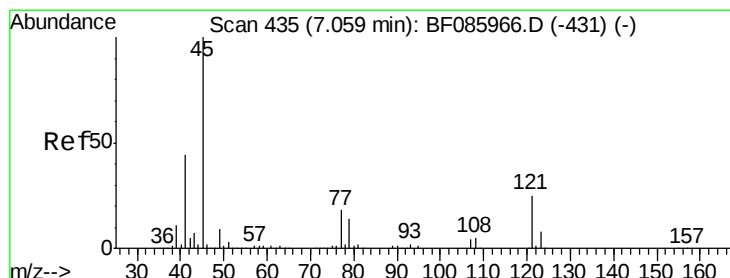
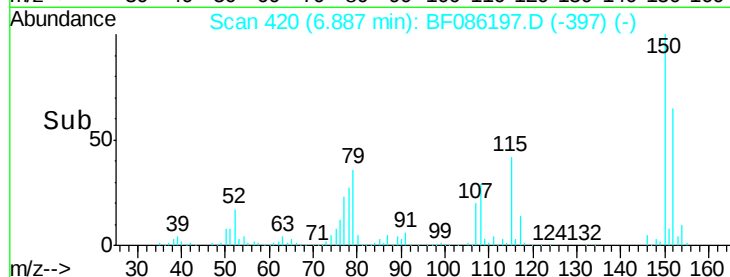
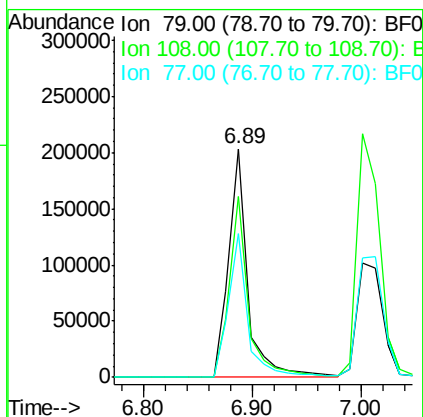
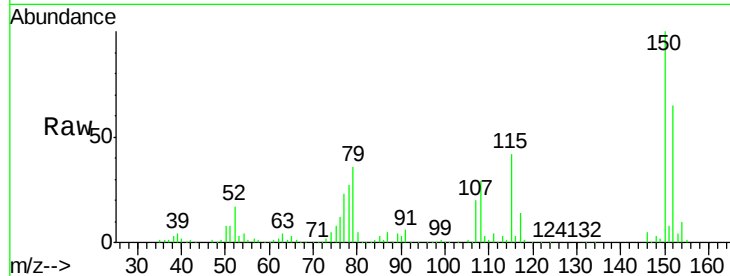




#15
Benzyl Alcohol
Concen: 45.52 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.03 min
Lab File: BF086197.D
Acq: 9 Apr 2016 4:49

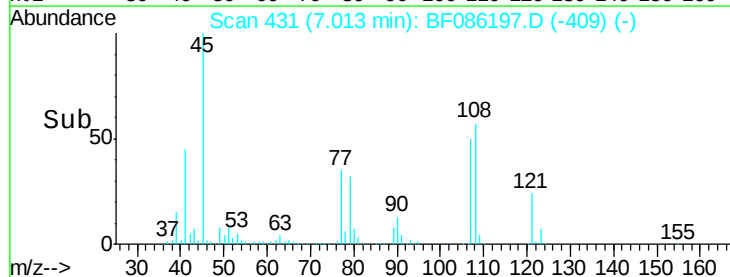
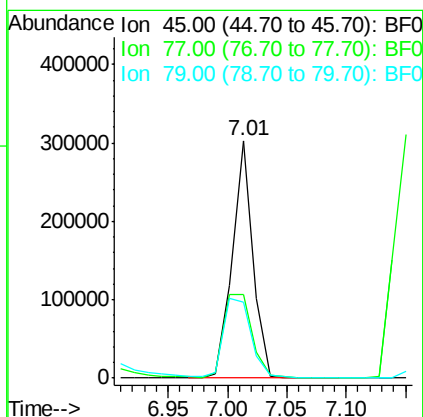
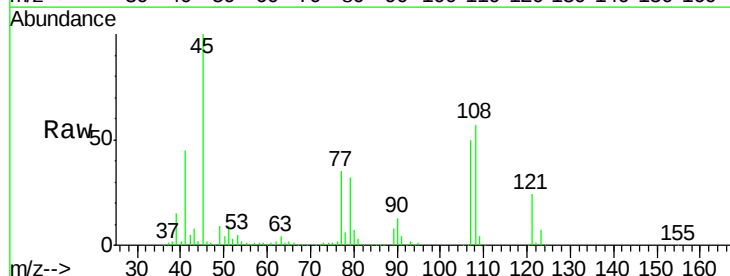
Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-36(0.5-20.0)MS

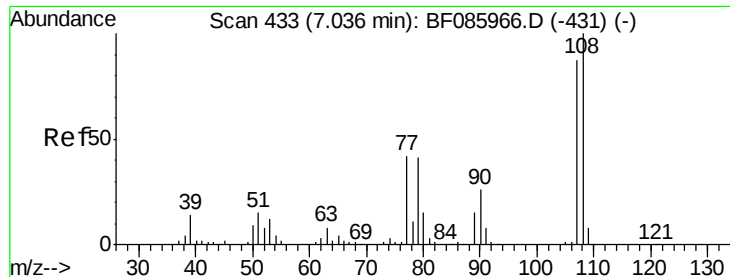
Tgt Ion: 79 Resp: 249750
Ion Ratio Lower Upper
79 100
108 78.9 61.8 92.6
77 63.2 49.6 74.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.00 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.05 min
Lab File: BF086197.D
Acq: 9 Apr 2016 4:49

Tgt Ion: 45 Resp: 365041
Ion Ratio Lower Upper
45 100
77 35.5 0.0 35.7
79 32.0 0.0 32.2

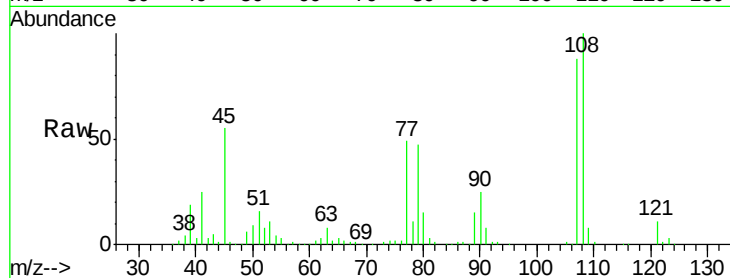




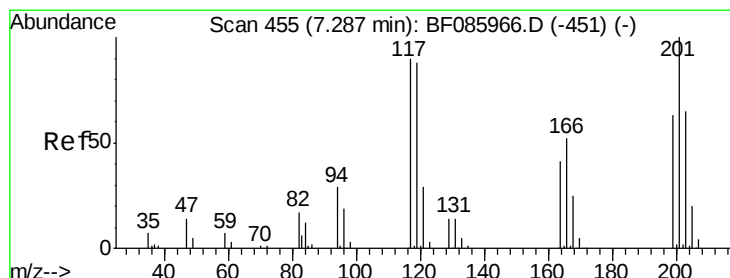
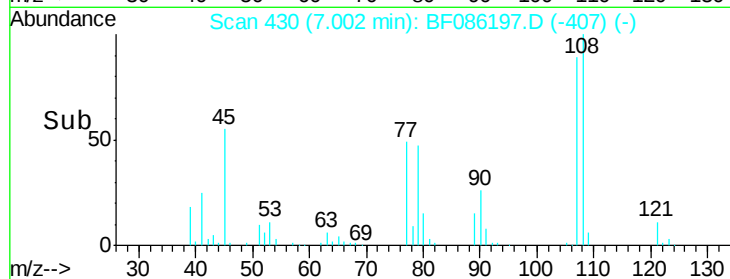
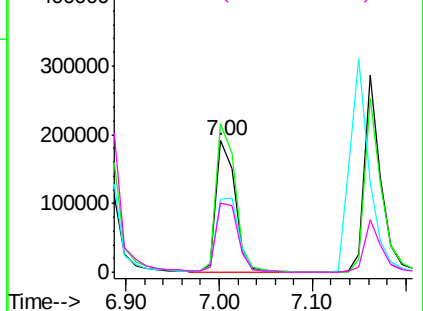
#17
2-Methylphenol
Concen: 42.96 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.03 min
Lab File: BF086197.D
Acq: 9 Apr 2016 4:49

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-36(0.5-20.0)MS

Tgt Ion:107 Resp: 269726
Ion Ratio Lower Upper
107 100
108 113.3 91.4 137.0
77 55.5 36.2 54.2#
79 53.0 35.8 53.8

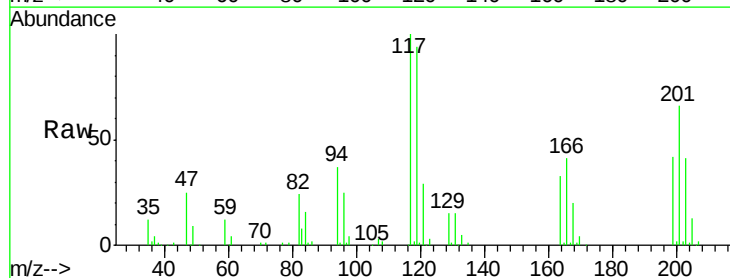


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

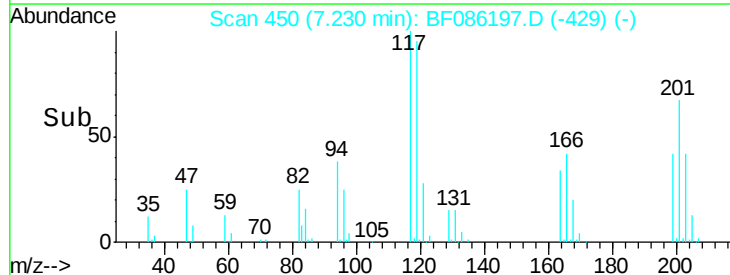
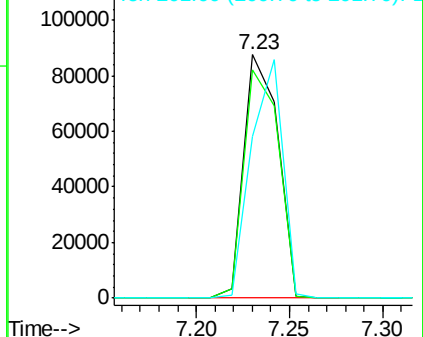


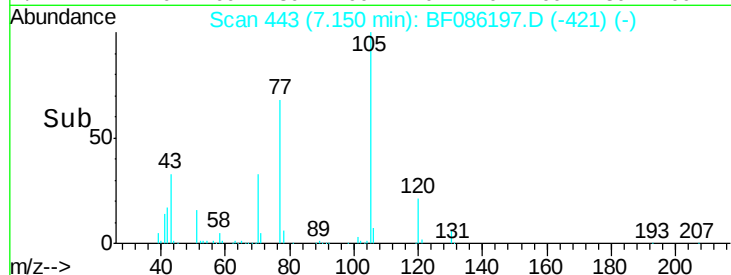
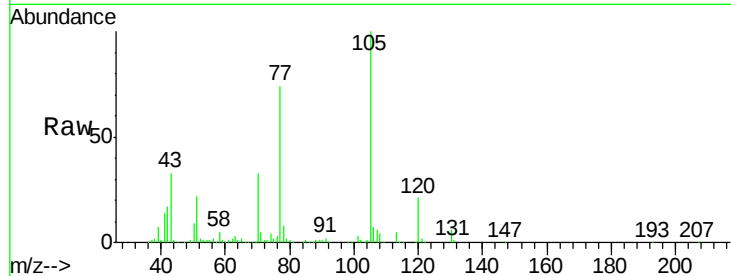
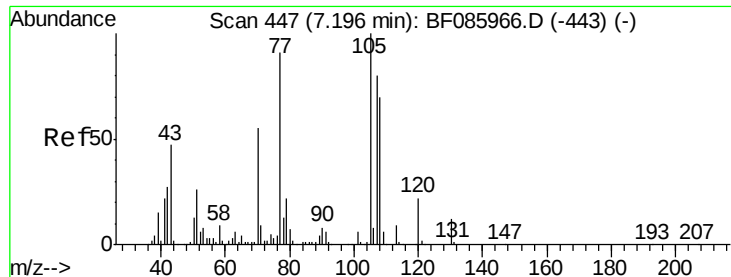
#18
Hexachloroethane
Concen: 34.79 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.06 min
Lab File: BF086197.D
Acq: 9 Apr 2016 4:49

Tgt Ion:117 Resp: 111266
Ion Ratio Lower Upper
117 100
119 93.7 76.7 115.1
201 66.5 83.3 124.9#



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

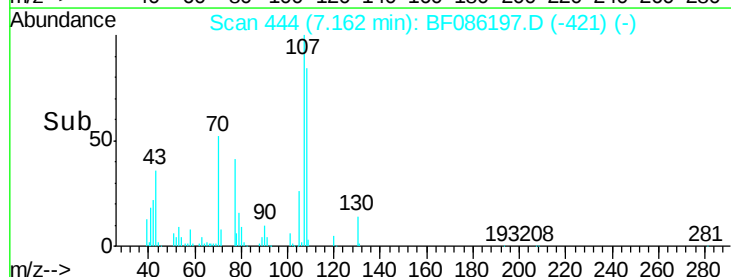
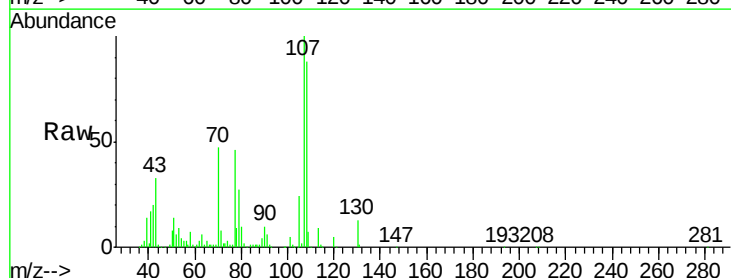
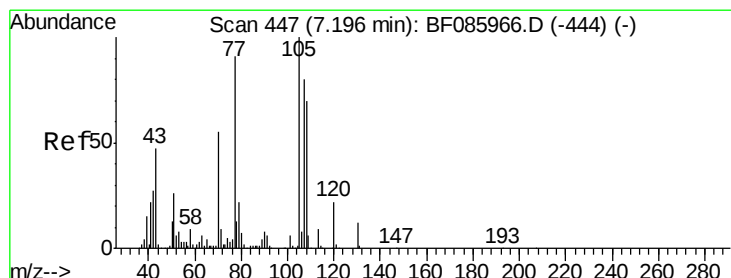
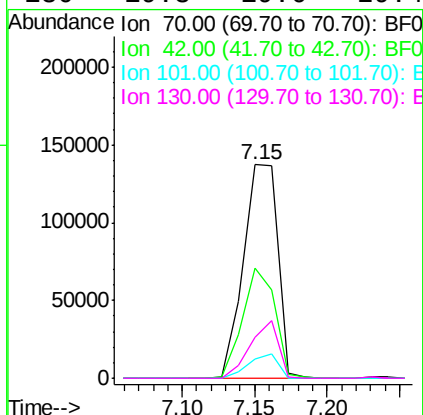




#19
n-Nitroso-di-n-propylamine
Concen: 42.87 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.05 min
Lab File: BF086197.D
Acq: 9 Apr 2016 4:49

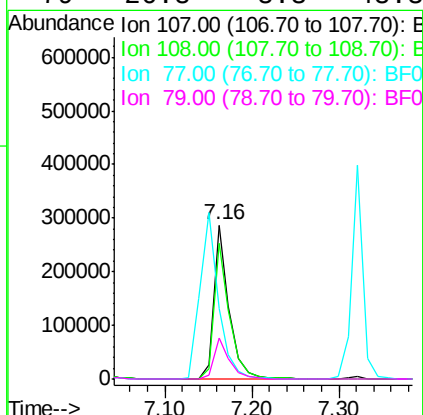
Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-36(0.5-20.0)MS

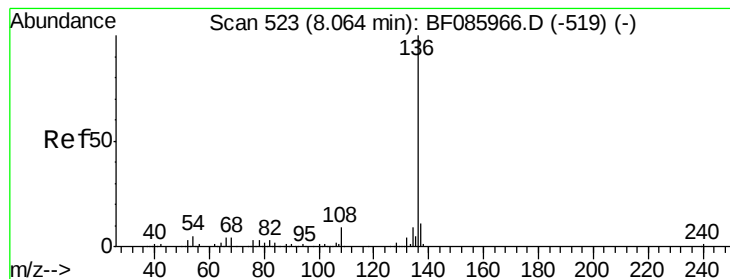
Tgt Ion: 70 Resp: 225349
Ion Ratio Lower Upper
70 100
42 51.5 37.1 55.7
101 9.2 8.6 12.8
130 19.3 19.6 29.4#



#20
3+4-Methylphenols
Concen: 45.98 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.03 min
Lab File: BF086197.D
Acq: 9 Apr 2016 4:49

Tgt Ion: 107 Resp: 351109
Ion Ratio Lower Upper
107 100
108 88.4 69.3 109.3
77 45.7 101.7 141.7#
79 26.8 8.3 48.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.05 min

Lab File: BF086197.D

Acq: 9 Apr 2016 4:49

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-36(0.5-20.0)MS

Tgt Ion:136 Resp: 446243

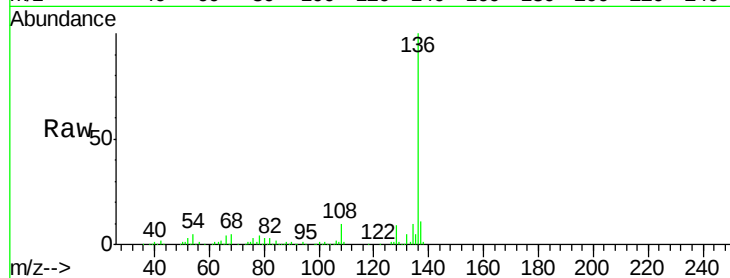
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 5.5 7.4 11.0#

68 5.1 5.8 8.8#

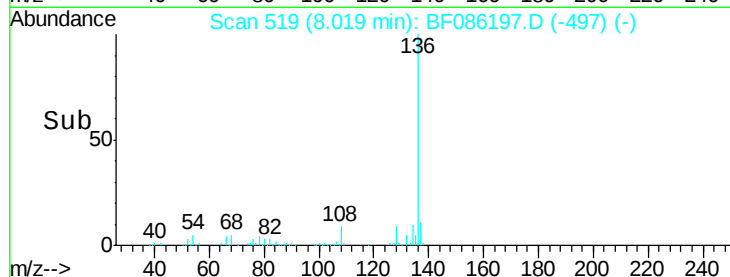


Abundance Ion 136.00 (135.70 to 136.70): E

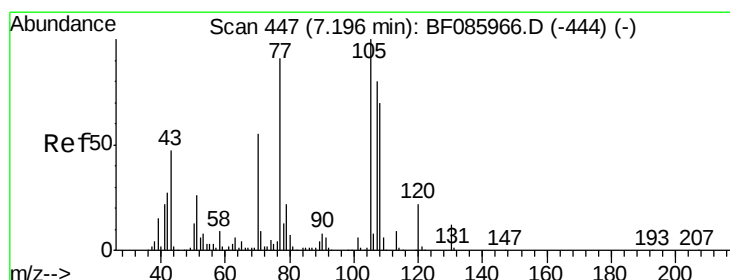
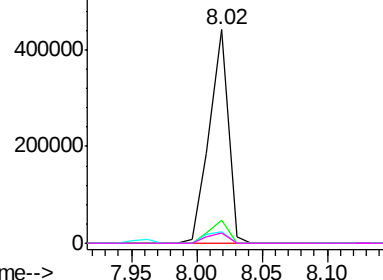
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 44.99 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.05 min

Lab File: BF086197.D

Acq: 9 Apr 2016 4:49

Tgt Ion:105 Resp: 471904

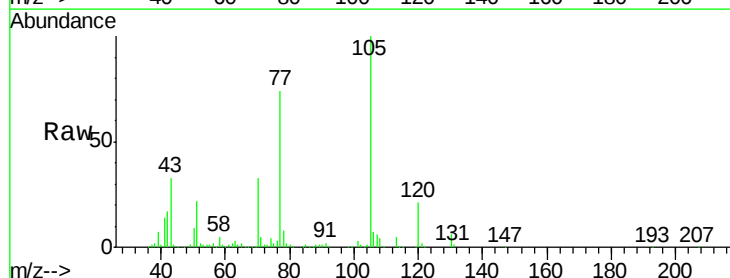
Ion Ratio Lower Upper

105 100

71 5.5 3.6 5.4#

51 21.8 25.4 38.0#

120 21.3 16.9 25.3

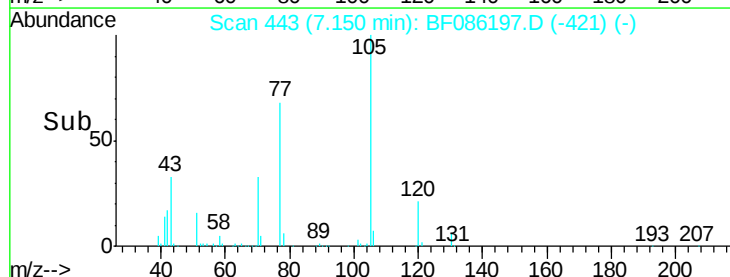


Abundance Ion 105.00 (104.70 to 105.70): E

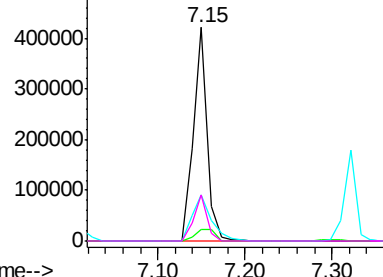
Ion 71.00 (70.70 to 71.70): BF0

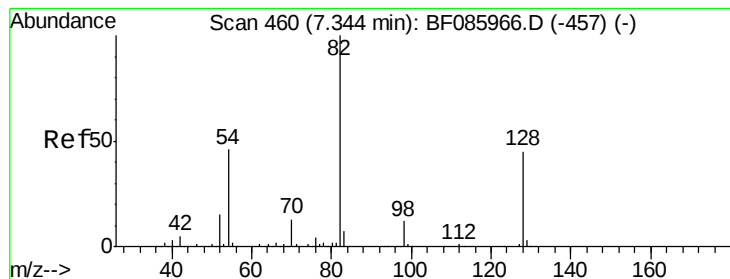
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->





#23

Nitrobenzene-d5

Concen: 93.80 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.05 min

Lab File: BF086197.D

Acq: 9 Apr 2016 4:49

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-36(0.5-20.0)MS

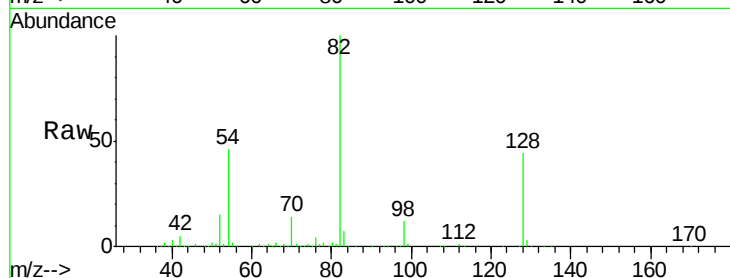
Tgt Ion: 82 Resp: 709759

Ion Ratio Lower Upper

82 100

128 43.6 41.8 62.8

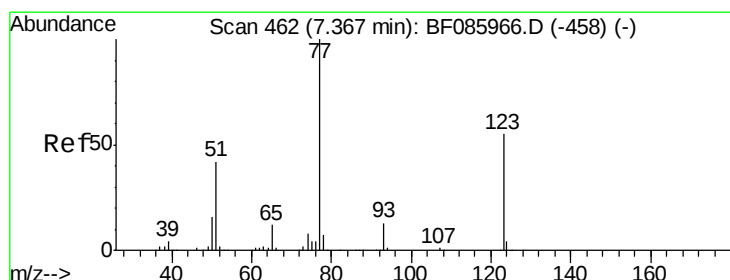
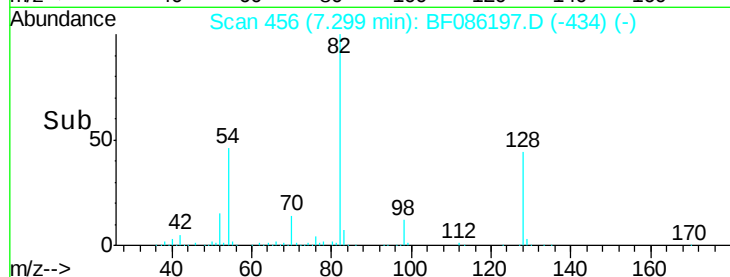
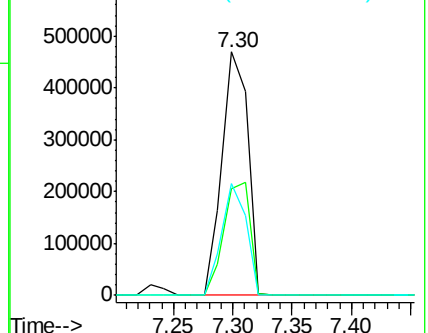
54 45.7 33.4 50.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 43.57 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.05 min

Lab File: BF086197.D

Acq: 9 Apr 2016 4:49

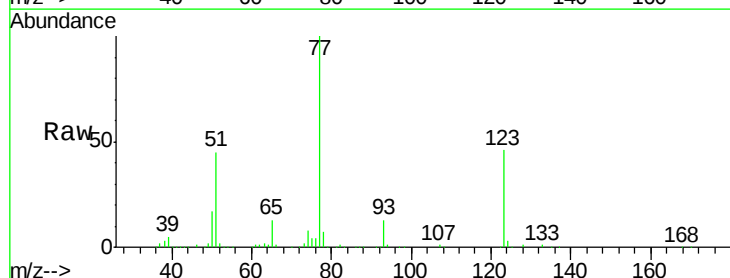
Tgt Ion: 77 Resp: 360657

Ion Ratio Lower Upper

77 100

123 45.6 35.0 52.4

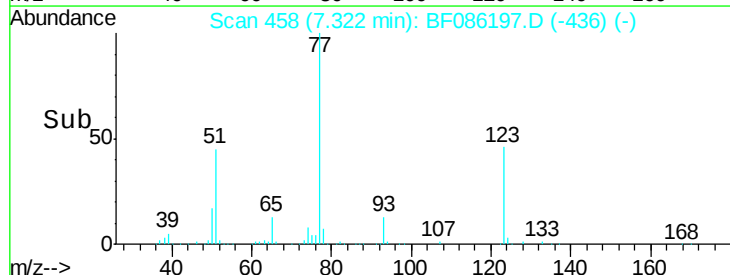
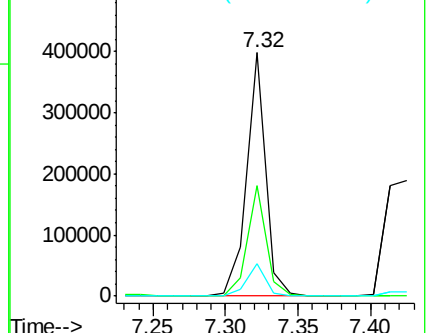
65 13.2 10.6 16.0

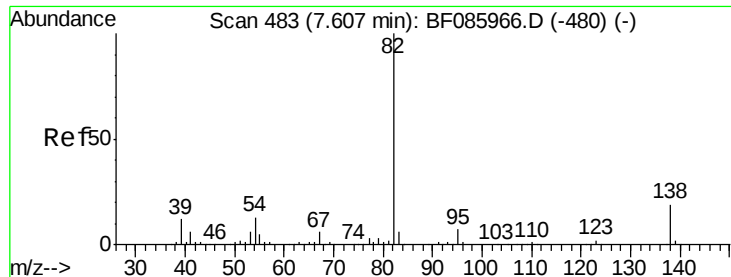


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): B

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 44.21 ng

RT: 7.56 min Scan# 479

Delta R.T. -0.05 min

Lab File: BF086197.D

Acq: 9 Apr 2016 4:49

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-36(0.5-20.0)MS

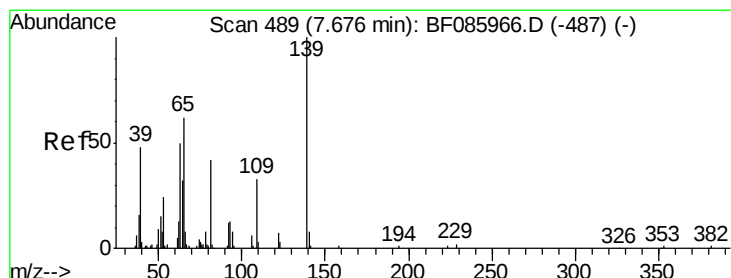
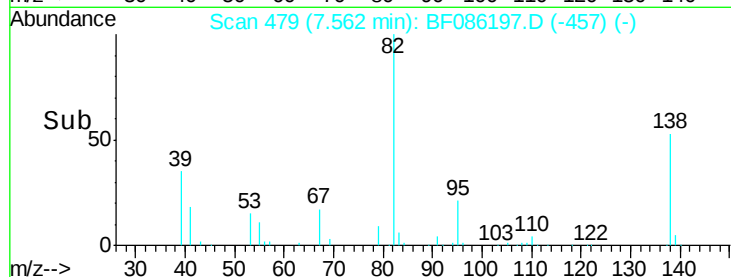
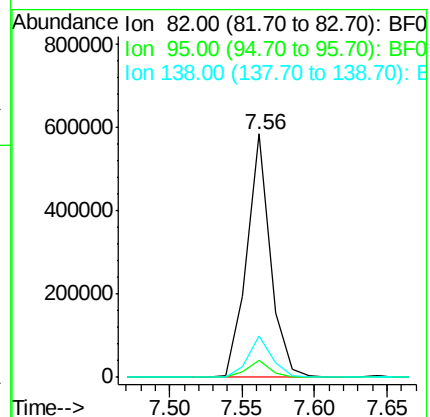
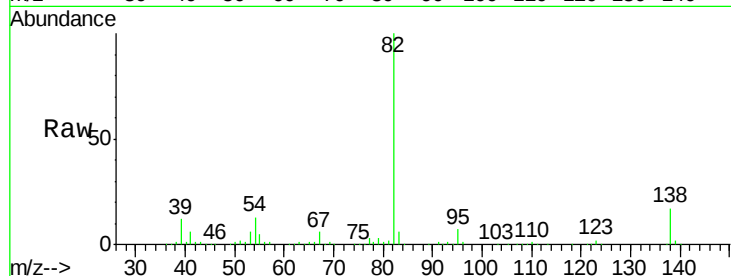
Tgt Ion: 82 Resp: 660407

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

138 17.3 12.9 19.3



#26

2-Nitrophenol

Concen: 38.41 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.03 min

Lab File: BF086197.D

Acq: 9 Apr 2016 4:49

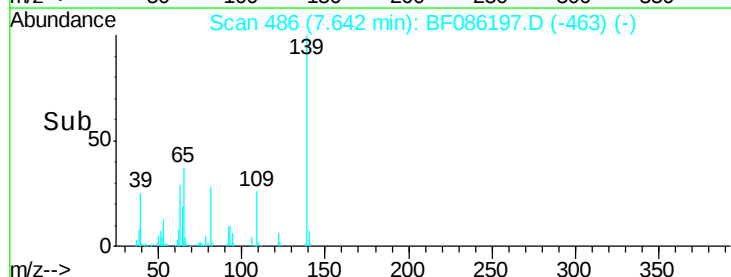
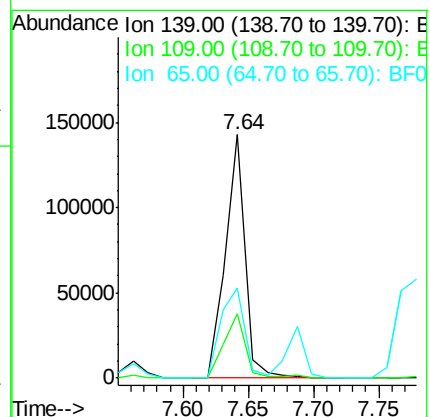
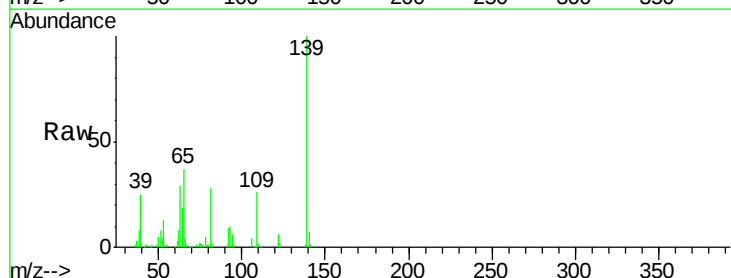
Tgt Ion: 139 Resp: 152142

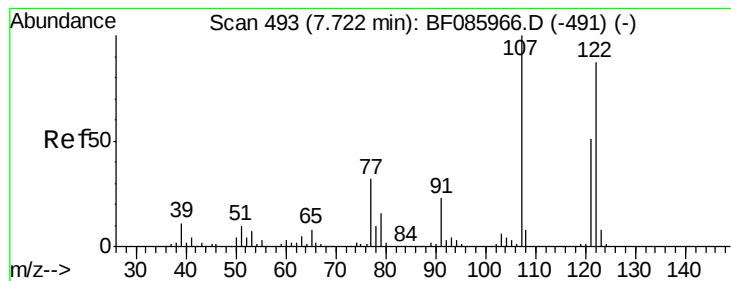
Ion Ratio Lower Upper

139 100

109 26.5 22.1 33.1

65 36.8 33.9 50.9





#27

2,4-Dimethylphenol

Concen: 45.37 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.03 min

Lab File: BF086197.D

Acq: 9 Apr 2016 4:49

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-36(0.5-20.0)MS

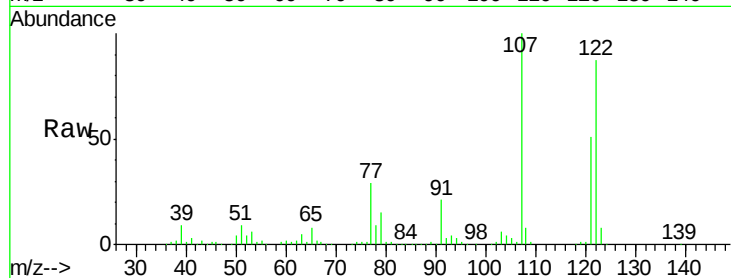
Tgt Ion:122 Resp: 322746

Ion Ratio Lower Upper

122 100

107 115.5 93.0 139.6

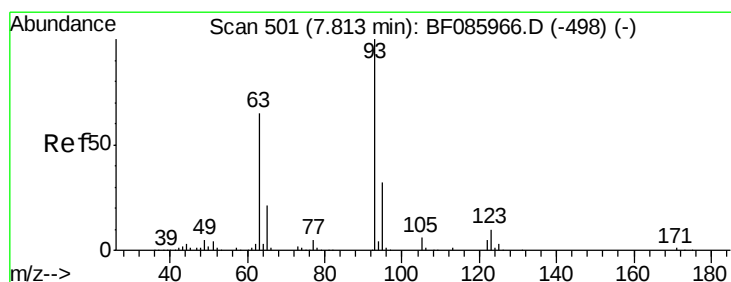
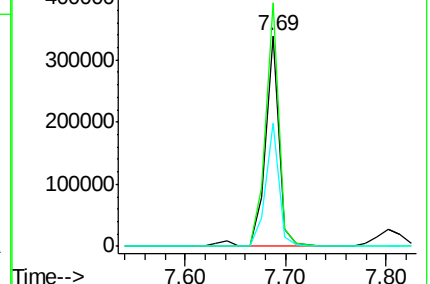
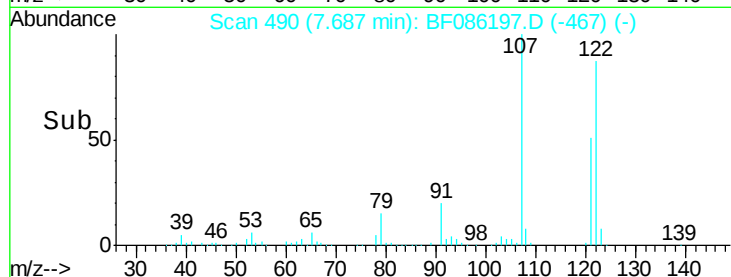
121 58.8 45.9 68.9



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: 46.66 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.03 min

Lab File: BF086197.D

Acq: 9 Apr 2016 4:49

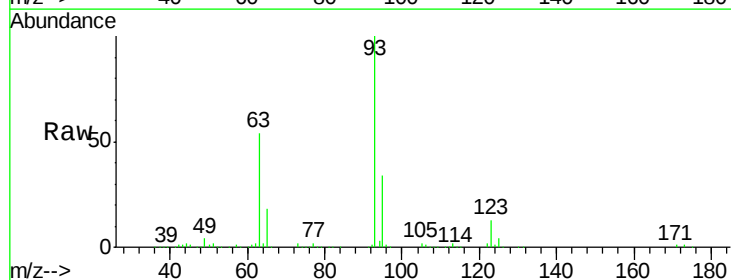
Tgt Ion: 93 Resp: 408986

Ion Ratio Lower Upper

93 100

95 33.7 26.4 39.6

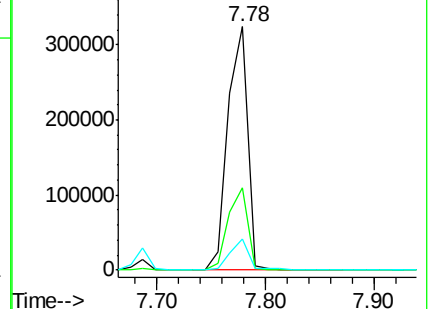
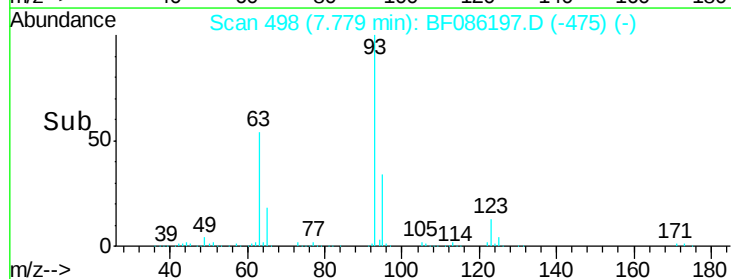
123 12.6 9.8 14.6

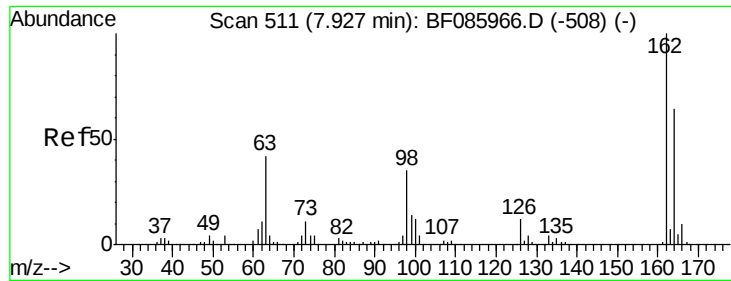


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

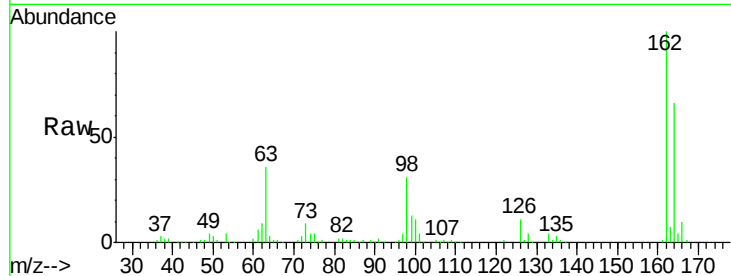




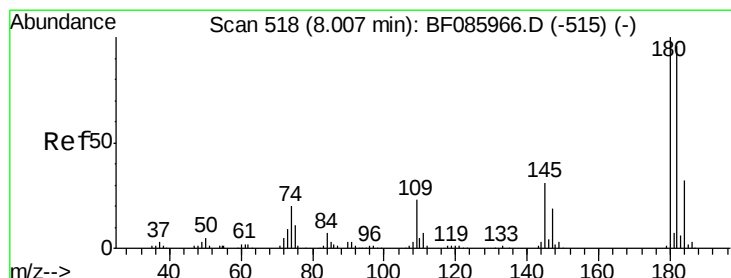
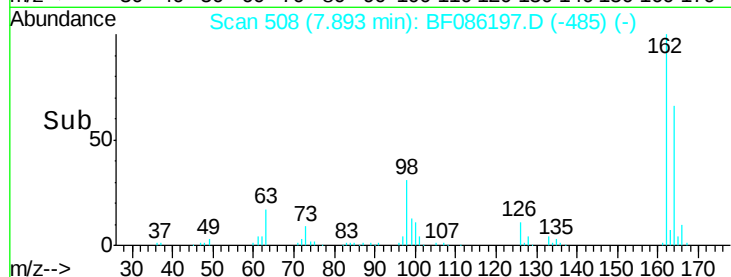
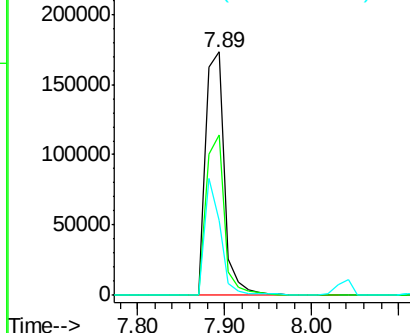
#29
 2,4-Dichlorophenol
 Concen: 43.53 ng
 RT: 7.89 min Scan# 508
 Delta R.T. -0.03 min
 Lab File: BF086197.D
 Acq: 9 Apr 2016 4:49

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-36(0.5-20.0)MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.6	43.7	83.7
98	30.7	20.4	60.4

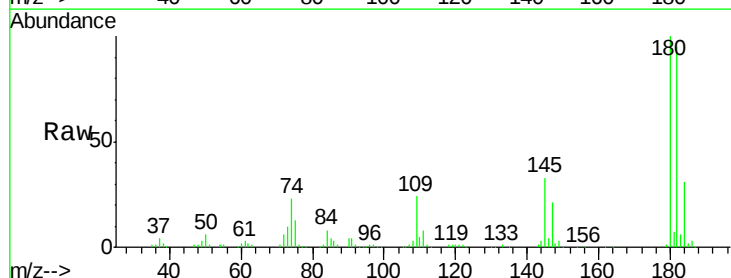


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

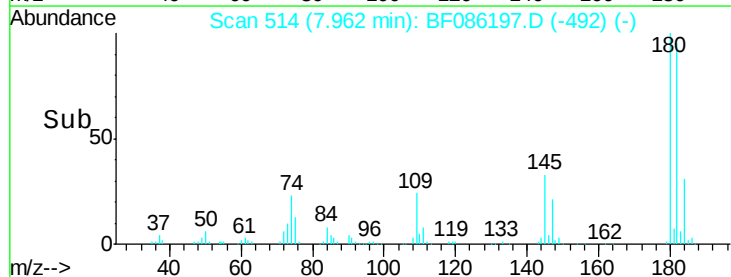
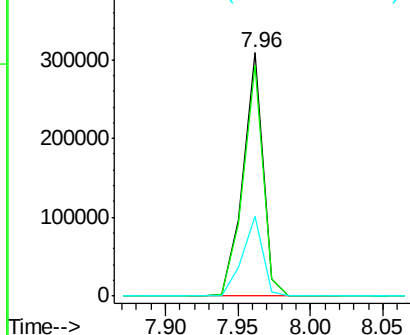


#30
 1,2,4-Trichlorobenzene
 Concen: 43.66 ng
 RT: 7.96 min Scan# 514
 Delta R.T. -0.05 min
 Lab File: BF086197.D
 Acq: 9 Apr 2016 4:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	73.8	110.8
145	32.7	28.4	42.6



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: 43.68 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.05 min

Lab File: BF086197.D

Acq: 9 Apr 2016 4:49

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-36(0.5-20.0)MS

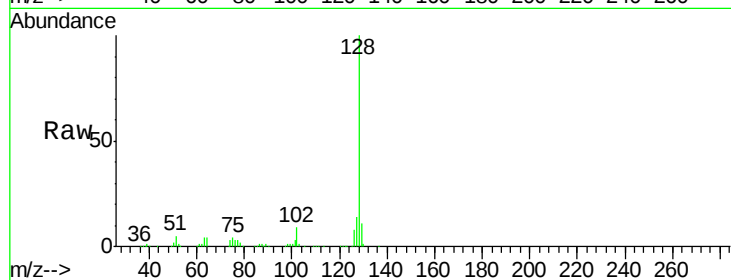
Tgt Ion:128 Resp: 980431

Ion Ratio Lower Upper

128 100

129 10.9 9.4 14.0

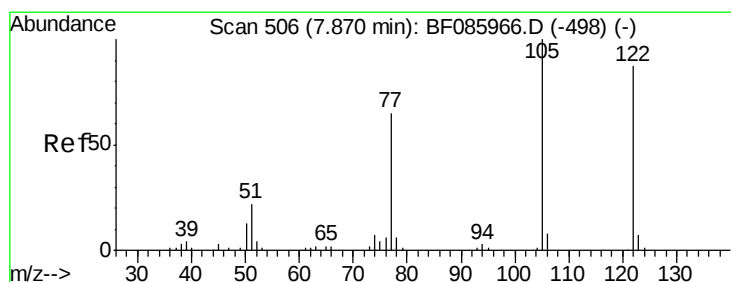
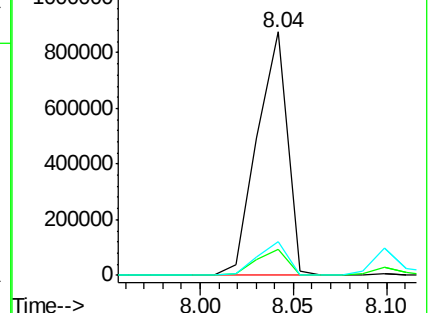
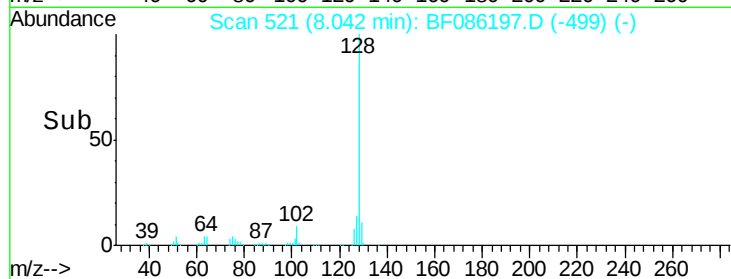
127 13.7 11.0 16.6



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: 10.85 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.07 min

Lab File: BF086197.D

Acq: 9 Apr 2016 4:49

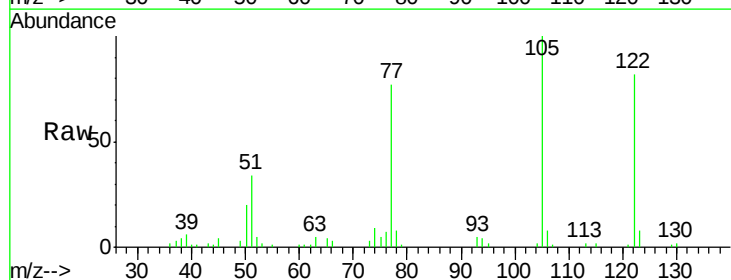
Tgt Ion:122 Resp: 56652

Ion Ratio Lower Upper

122 100

105 122.3 102.9 142.9

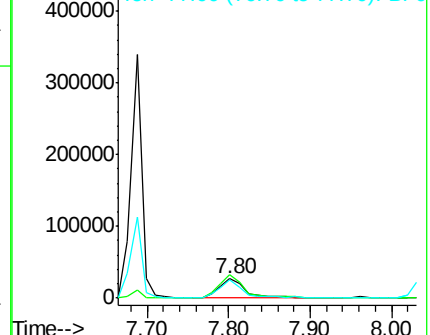
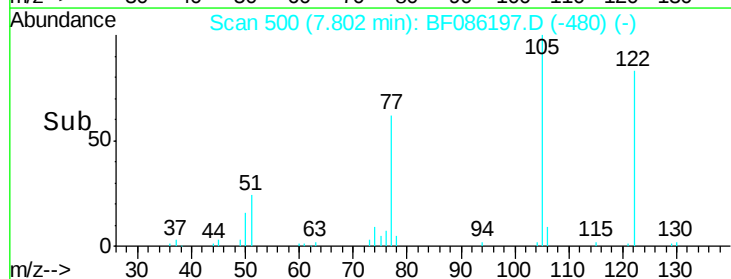
77 94.0 71.8 111.8

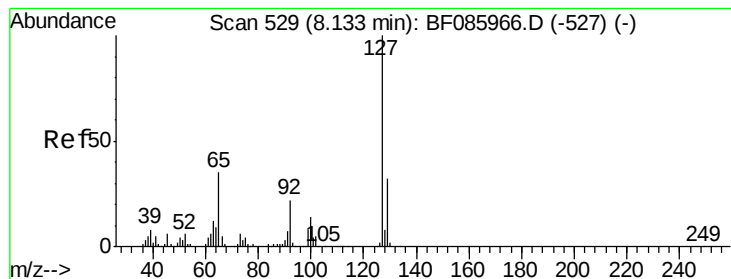


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 12.80 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.03 min

Lab File: BF086197.D

Acq: 9 Apr 2016 4:49

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-36(0.5-20.0)MS

Tgt Ion:127 Resp: 116084

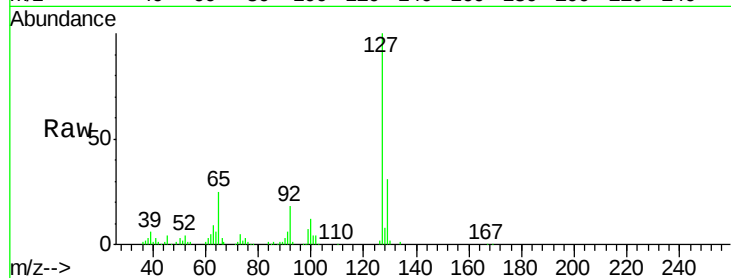
Ion Ratio Lower Upper

127 100

129 31.4 26.1 39.1

65 24.7 19.5 29.3

92 17.7 14.6 22.0

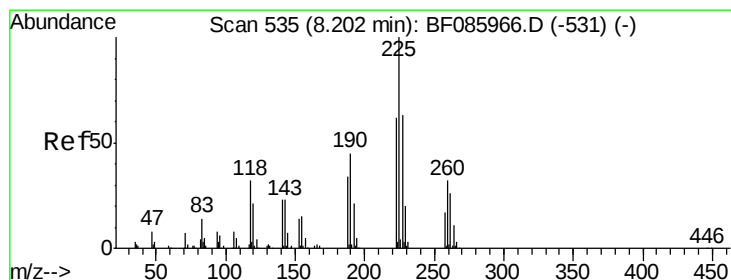
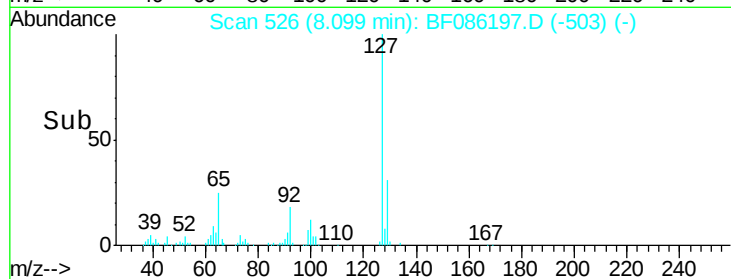
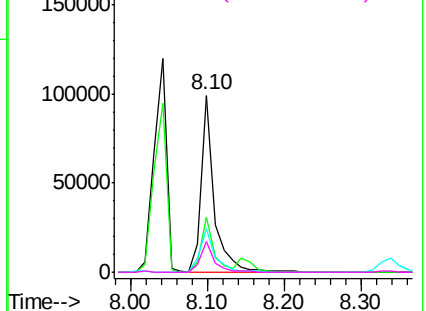


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 42.80 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.05 min

Lab File: BF086197.D

Acq: 9 Apr 2016 4:49

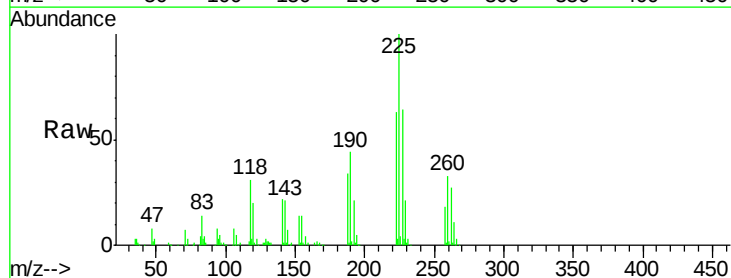
Tgt Ion:225 Resp: 155337

Ion Ratio Lower Upper

225 100

223 63.1 50.4 75.6

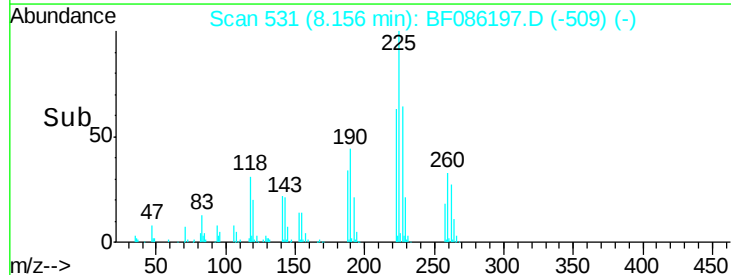
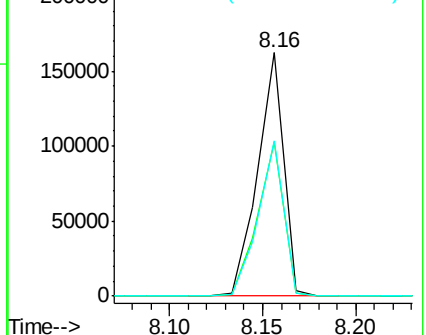
227 63.8 51.4 77.2



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

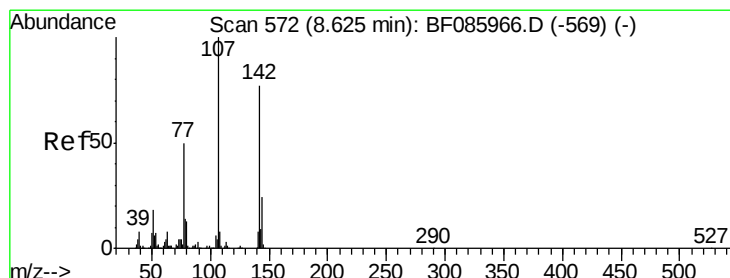
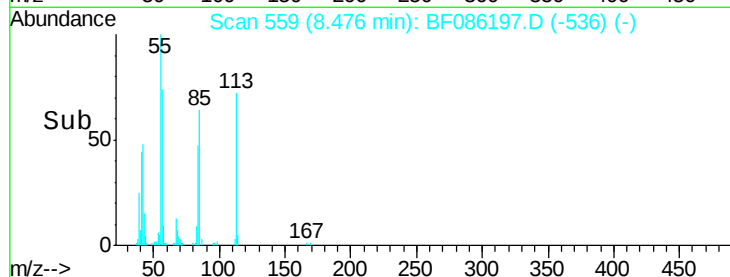
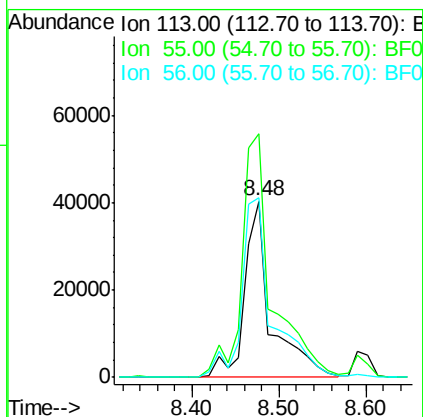
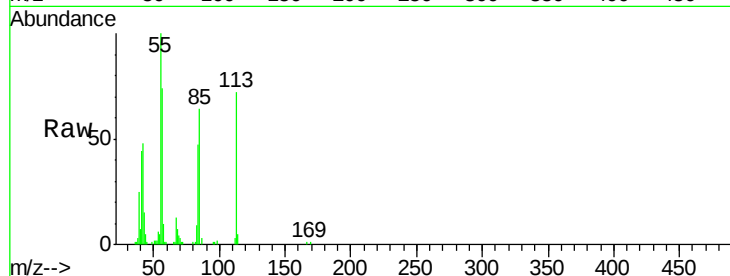




#35
 Caprolactam
 Concen: 45.00 ng
 RT: 8.48 min Scan# 559
 Delta R.T. -0.03 min
 Lab File: BF086197.D
 Acq: 9 Apr 2016 4:49

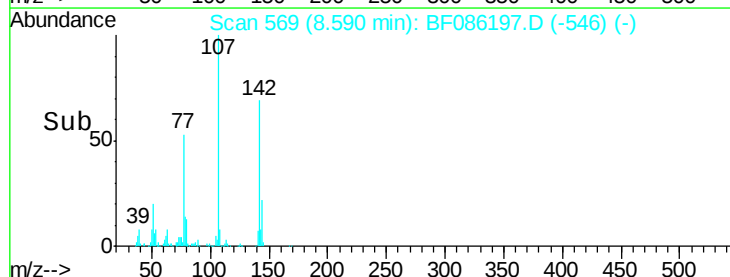
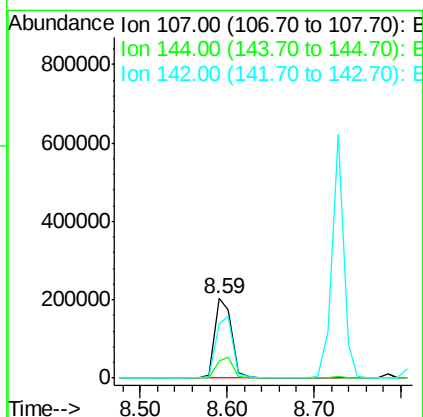
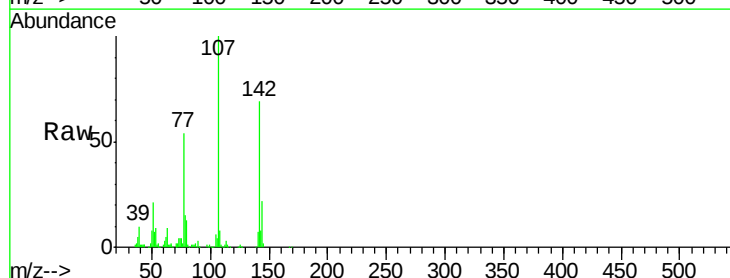
Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-36(0.5-20.0)MS

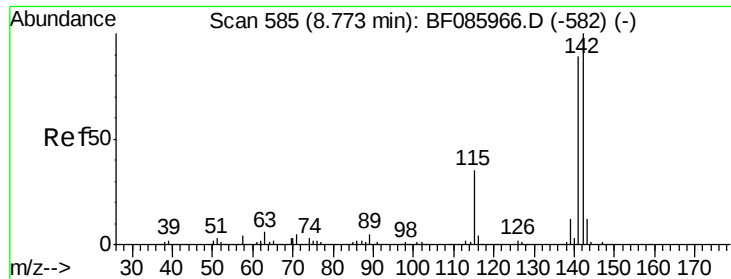
Tgt Ion:113 Resp: 85850
 Ion Ratio Lower Upper
 113 100
 55 138.0 139.4 179.4#
 56 102.1 100.4 140.4



#36
 4-Chloro-3-methylphenol
 Concen: 41.36 ng
 RT: 8.59 min Scan# 569
 Delta R.T. -0.03 min
 Lab File: BF086197.D
 Acq: 9 Apr 2016 4:49

Tgt Ion:107 Resp: 279619
 Ion Ratio Lower Upper
 107 100
 144 21.7 19.3 28.9
 142 68.7 61.4 92.0

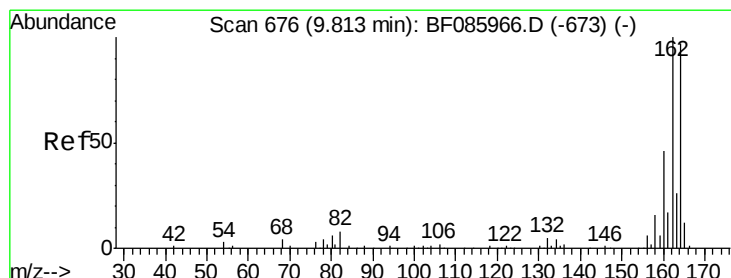
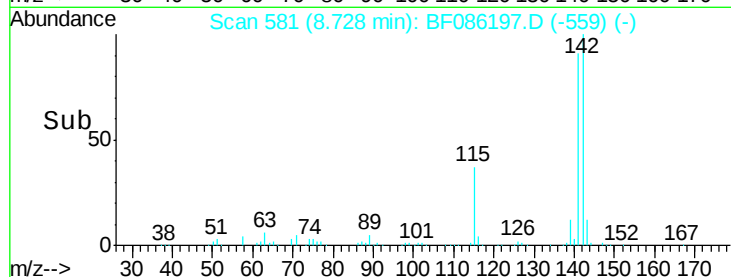
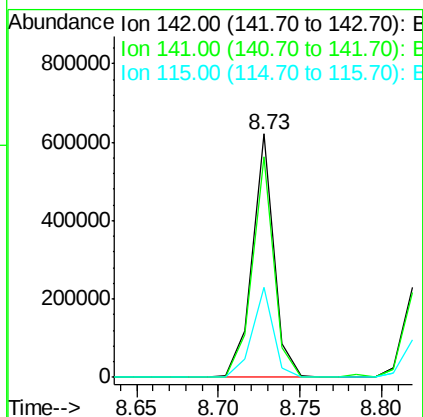
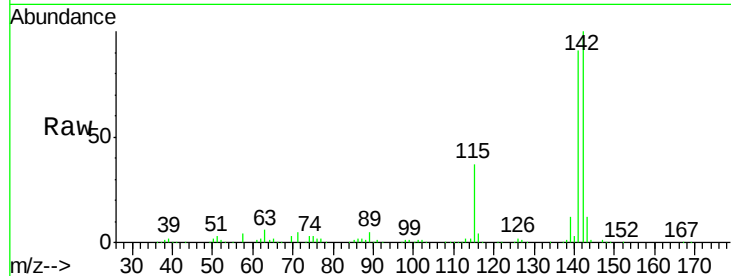




#37
2-Methylnaphthalene
Concen: 39.03 ng
RT: 8.73 min Scan# 581
Delta R.T. -0.05 min
Lab File: BF086197.D
Acq: 9 Apr 2016 4:49

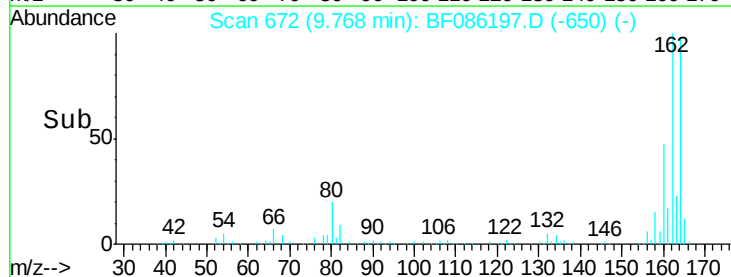
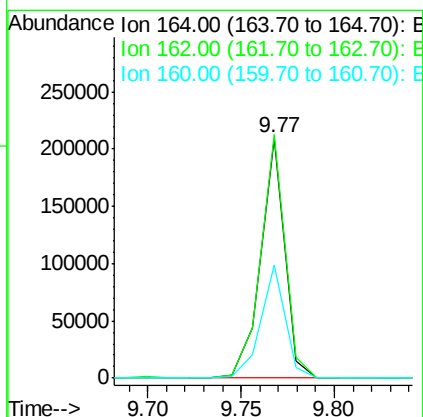
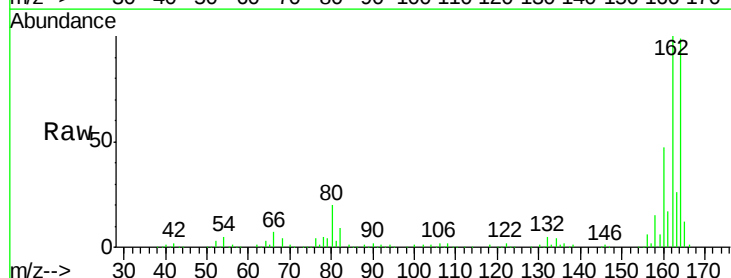
Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-36(0.5-20.0)MS

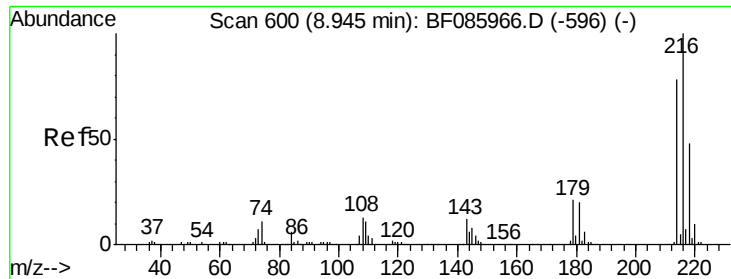
Tgt Ion:142 Resp: 572300
Ion Ratio Lower Upper
142 100
141 90.8 71.6 107.4
115 36.9 26.8 40.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.05 min
Lab File: BF086197.D
Acq: 9 Apr 2016 4:49

Tgt Ion:164 Resp: 186055
Ion Ratio Lower Upper
164 100
162 101.3 82.1 123.1
160 47.1 37.4 56.2

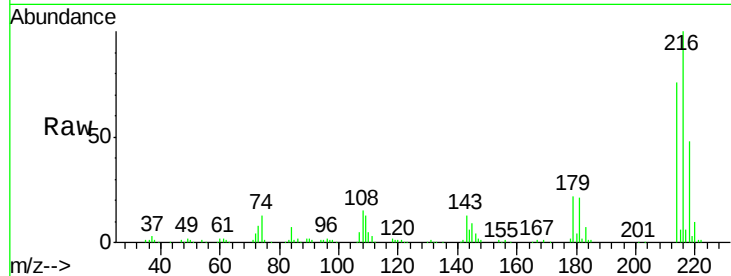




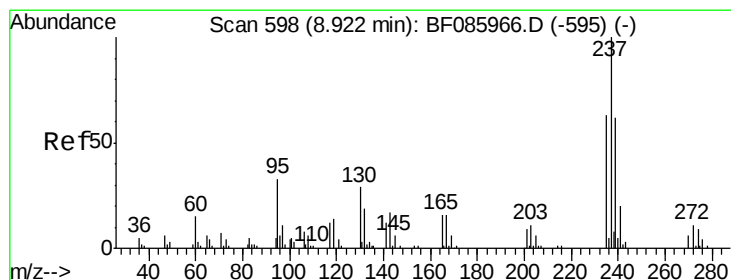
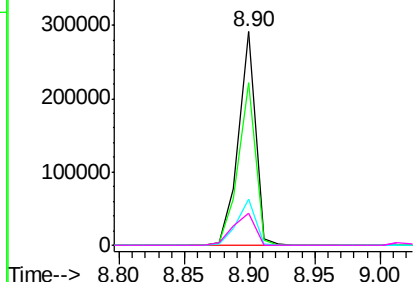
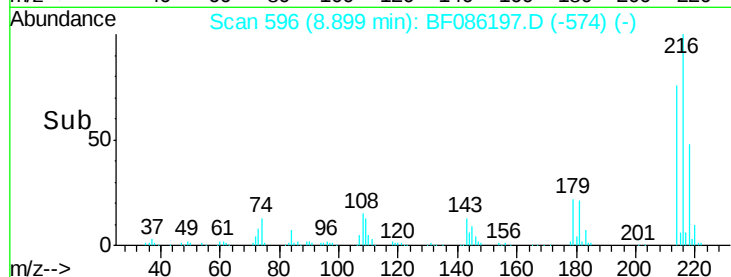
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.90 ng
 RT: 8.90 min Scan# 596
 Delta R.T. -0.05 min
 Lab File: BF086197.D
 Acq: 9 Apr 2016 4:49

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-36(0.5-20.0)MS

Tgt Ion:	216	Resp:	262270
Ion	Ratio	Lower	Upper
216	100		
214	77.4	63.1	94.7
179	23.0	18.2	27.2
108	19.4	17.3	25.9

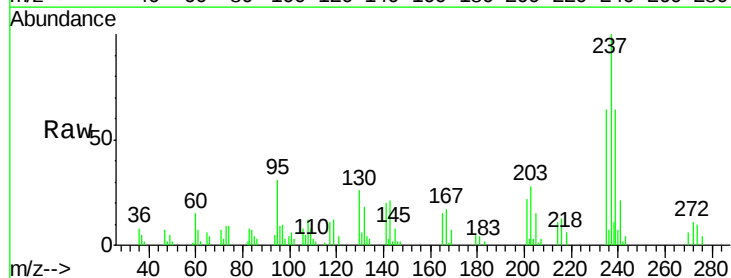


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

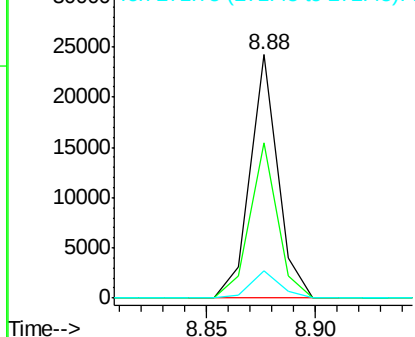
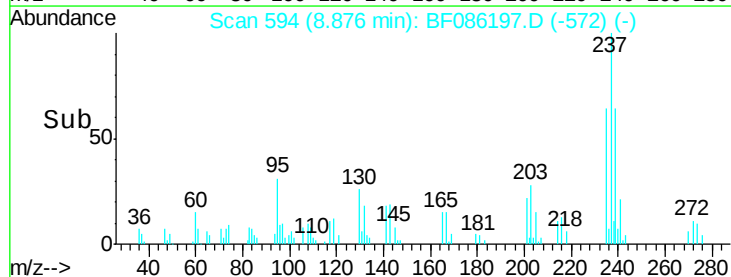


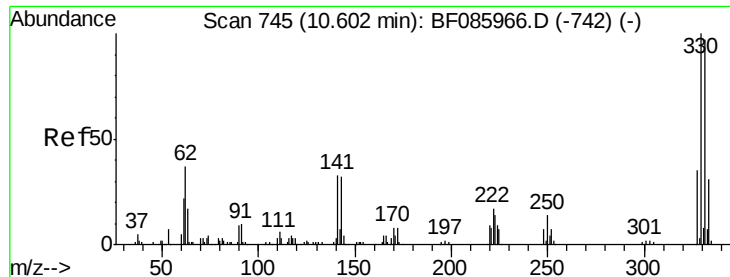
#40
 Hexachlorocyclopentadiene
 Concen: 18.78 ng
 RT: 8.88 min Scan# 594
 Delta R.T. -0.04 min
 Lab File: BF086197.D
 Acq: 9 Apr 2016 4:49

Tgt Ion:	237	Resp:	21493
Ion	Ratio	Lower	Upper
237	100		
235	63.9	43.7	83.7
272	11.0	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

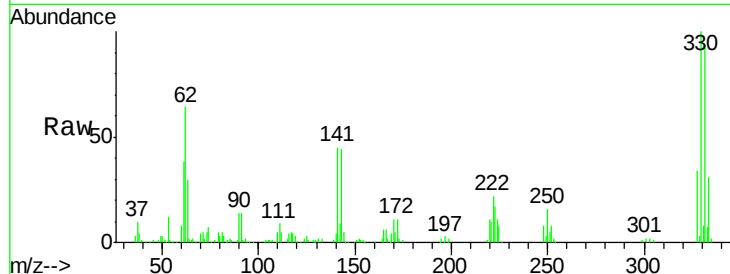




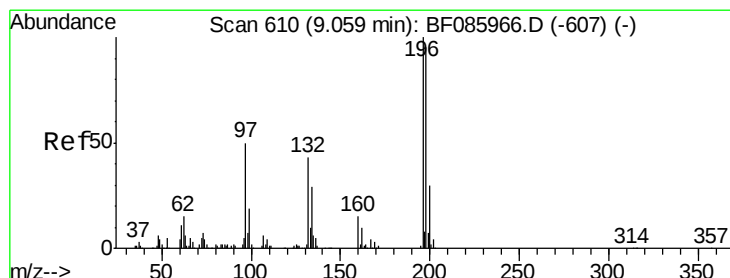
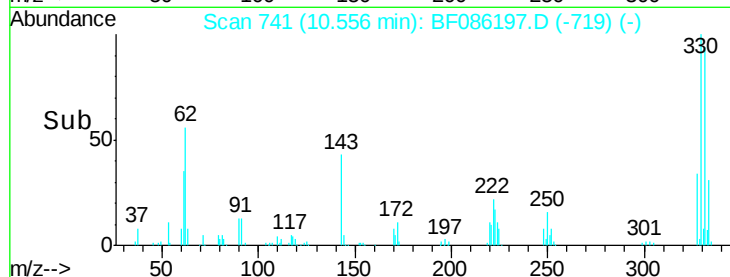
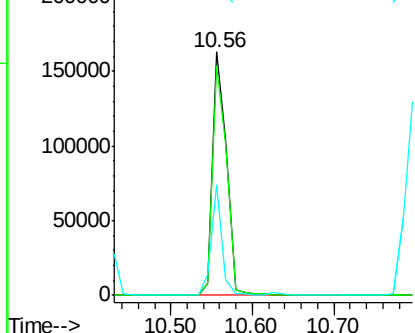
#41
 2,4,6-Tribromophenol
 Concen: 112.15 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.05 min
 Lab File: BF086197.D
 Acq: 9 Apr 2016 4:49

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-36(0.5-20.0)MS

Tgt Ion:330 Resp: 195850
 Ion Ratio Lower Upper
 330 100
 332 95.8 78.2 117.2
 141 35.6 31.5 47.3

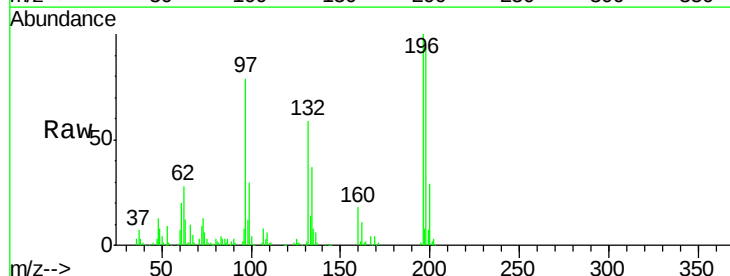


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

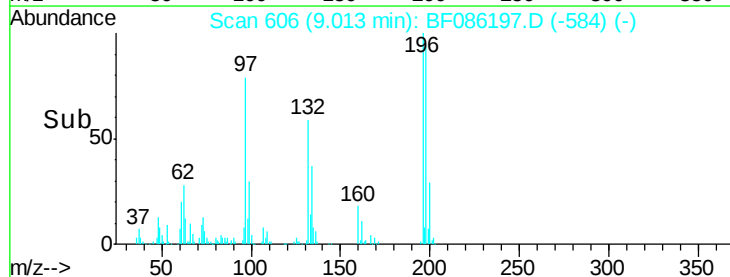
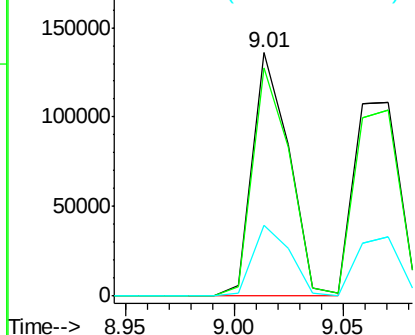


#42
 2,4,6-Trichlorophenol
 Concen: 44.48 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.05 min
 Lab File: BF086197.D
 Acq: 9 Apr 2016 4:49

Tgt Ion:196 Resp: 159721
 Ion Ratio Lower Upper
 196 100
 198 93.8 75.3 112.9
 200 29.1 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

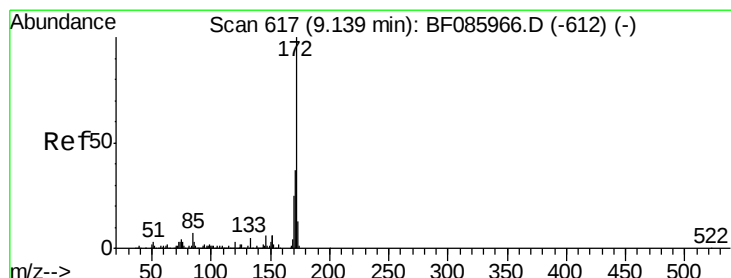
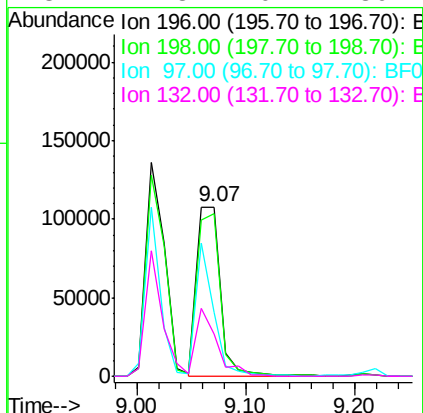
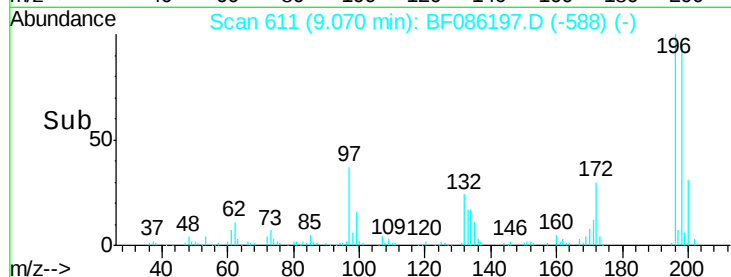
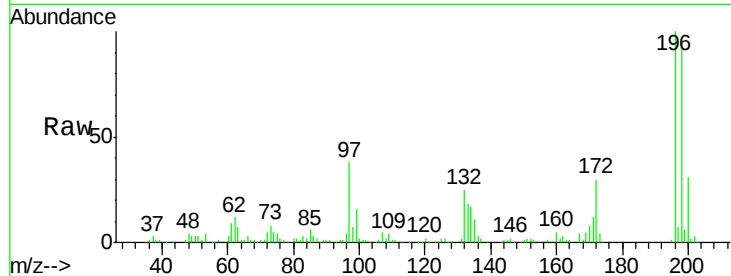




#43
 2,4,5-Trichlorophenol
 Concen: 45.28 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.03 min
 Lab File: BF086197.D
 Acq: 9 Apr 2016 4:49

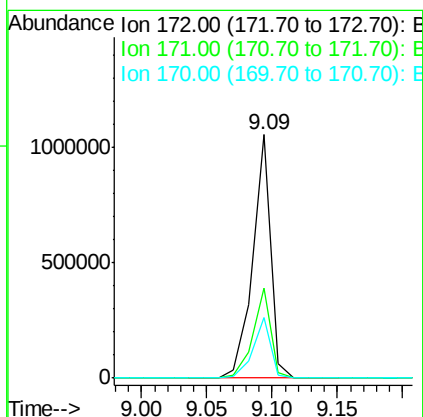
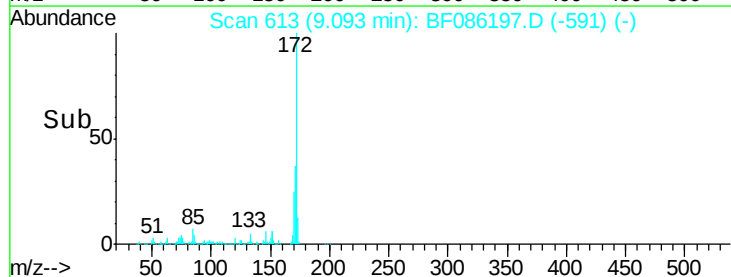
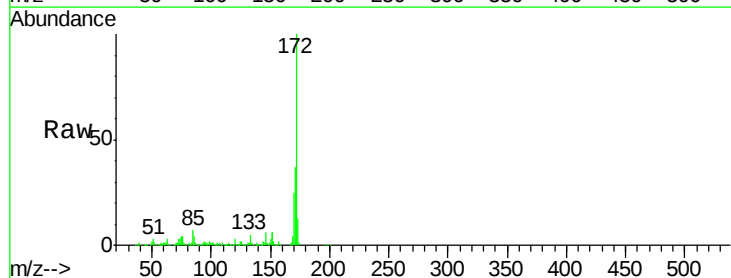
Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-36(0.5-20.0)MS

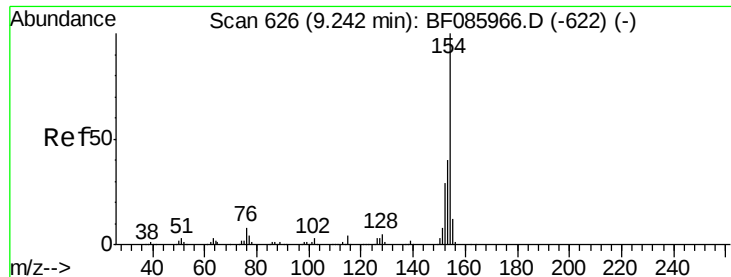
Tgt Ion:	196	Resp:	165090
Ion	Ratio	Lower	Upper
196	100		
198	96.0	76.6	114.8
97	37.9	30.5	45.7
132	24.8	20.2	30.2



#44
 2-Fluorobiphenyl
 Concen: 90.30 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF086197.D
 Acq: 9 Apr 2016 4:49

Tgt Ion:	172	Resp:	1010503
Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.4	44.2
170	25.1	19.8	29.6

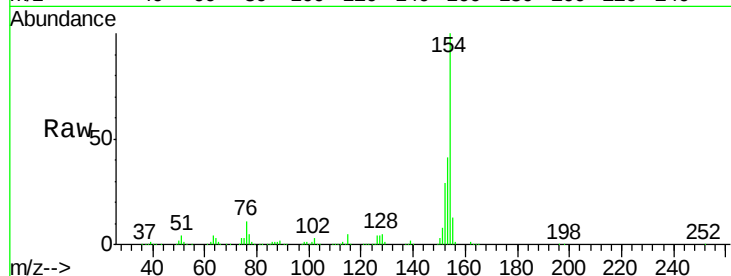




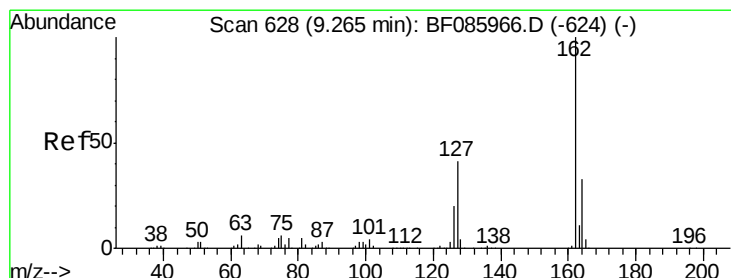
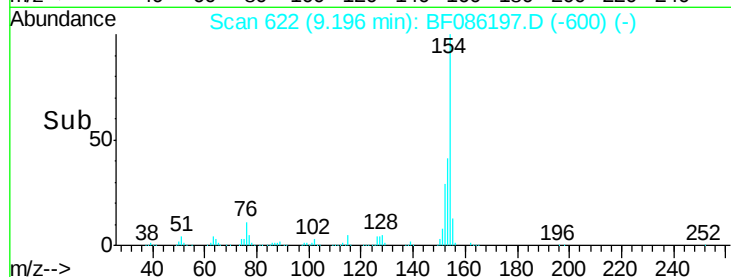
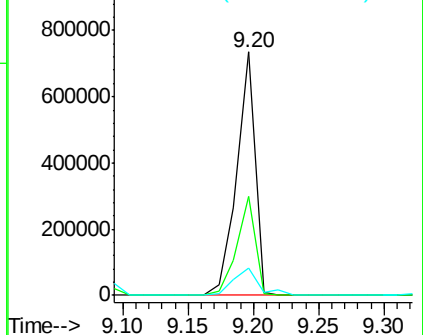
#45
 1,1'-Biphenyl
 Concen: 44.61 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.05 min
 Lab File: BF086197.D
 Acq: 9 Apr 2016 4:49

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-36(0.5-20.0)MS

Tgt Ion:	154	Resp:	715652
Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.8	60.8
76	11.2	0.0	36.7

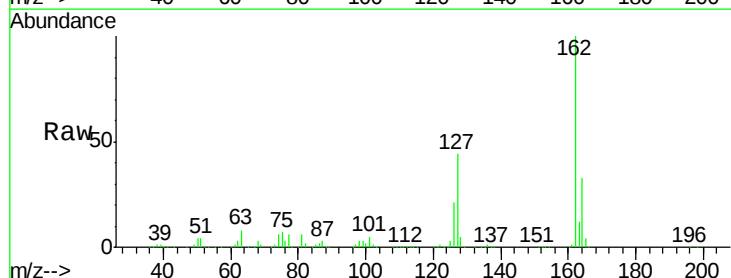


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

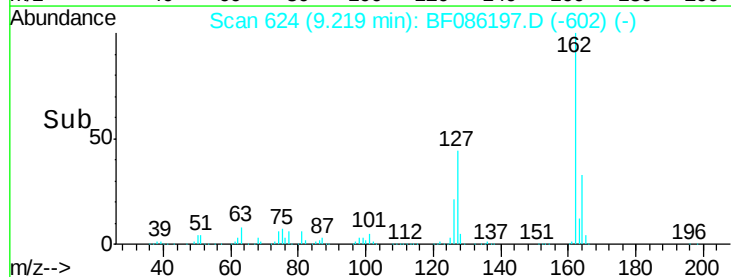
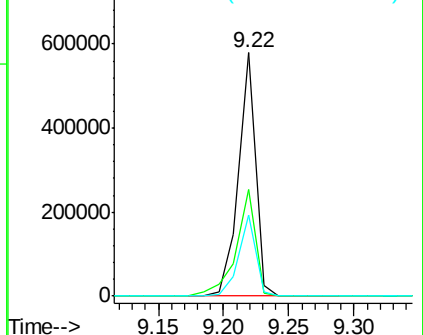


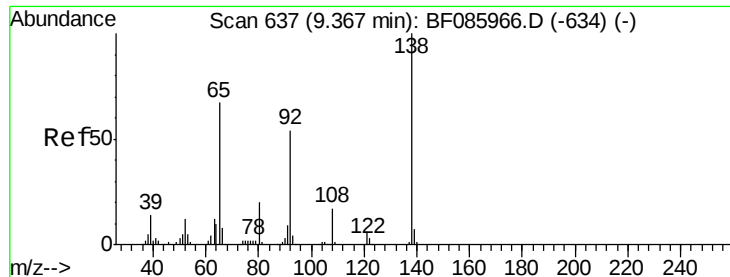
#46
 2-Chloronaphthalene
 Concen: 45.20 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.05 min
 Lab File: BF086197.D
 Acq: 9 Apr 2016 4:49

Tgt Ion:	162	Resp:	525641
Ion	Ratio	Lower	Upper
162	100		
127	43.8	31.7	47.5
164	33.4	27.3	40.9



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

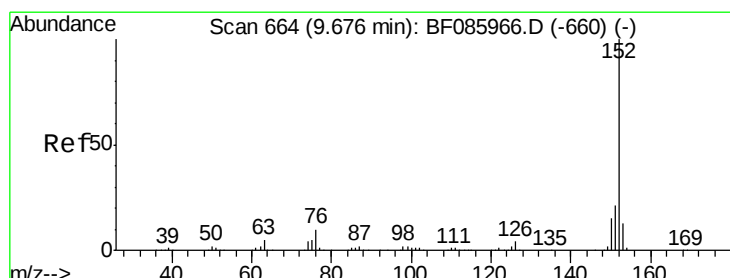
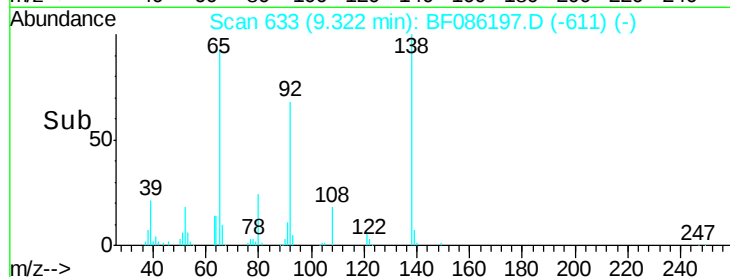
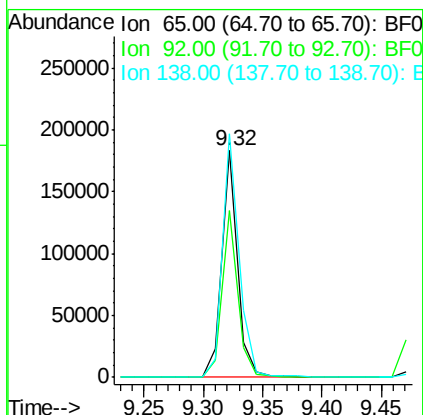
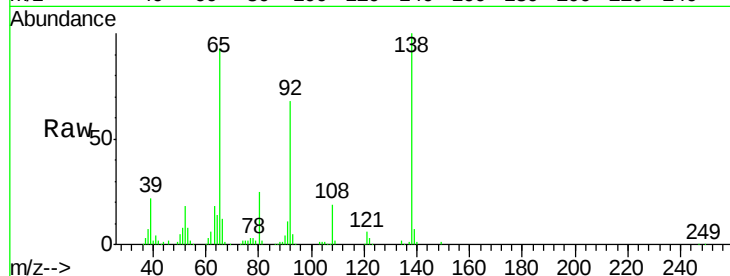




#47
2-Nitroaniline
Concen: 48.87 ng
RT: 9.32 min Scan# 633
Delta R.T. -0.05 min
Lab File: BF086197.D
Acq: 9 Apr 2016 4:49

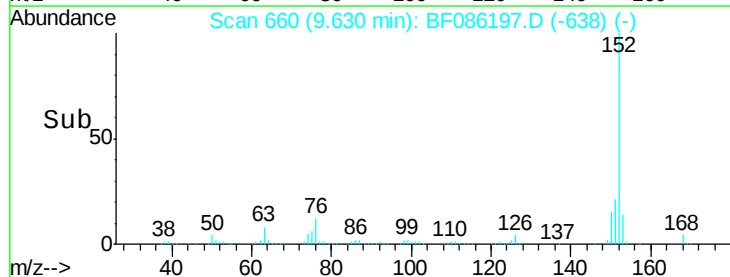
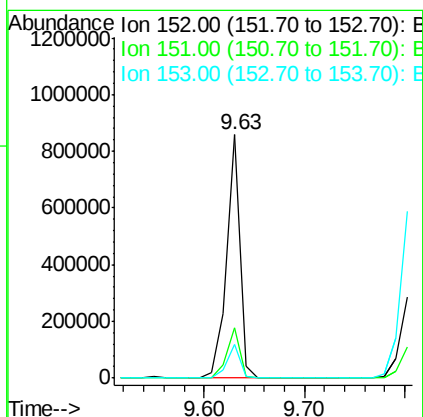
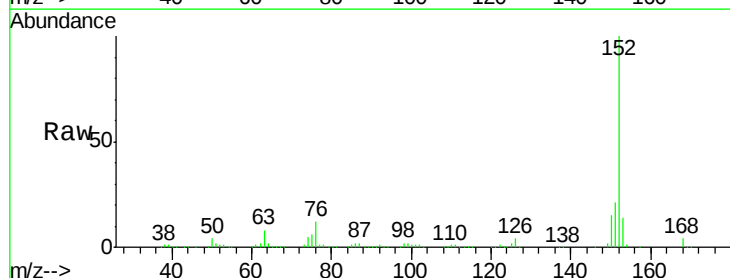
Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-36(0.5-20.0)MS

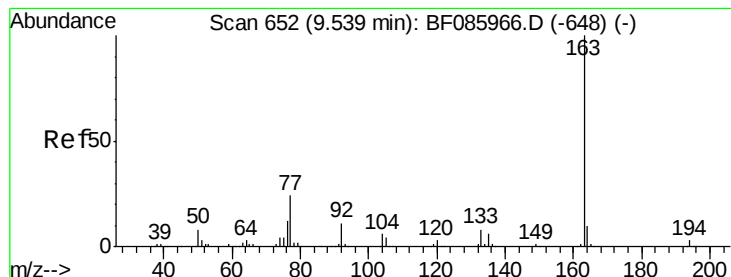
Tgt Ion: 65 Resp: 166280
Ion Ratio Lower Upper
65 100
92 73.5 59.7 89.5
138 107.3 91.4 137.0



#48
Acenaphthylene
Concen: 42.23 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.05 min
Lab File: BF086197.D
Acq: 9 Apr 2016 4:49

Tgt Ion: 152 Resp: 786615
Ion Ratio Lower Upper
152 100
151 20.9 16.8 25.2
153 13.7 10.9 16.3





#49

Dimethylphthalate

Concen: 52.96 ng

RT: 9.49 min Scan# 648

Delta R.T. -0.05 min

Lab File: BF086197.D

Acq: 9 Apr 2016 4:49

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-36(0.5-20.0)MS

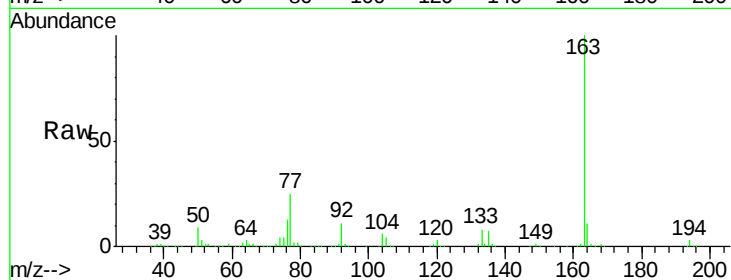
Tgt Ion:163 Resp: 730292

Ion Ratio Lower Upper

163 100

194 3.3 2.9 4.3

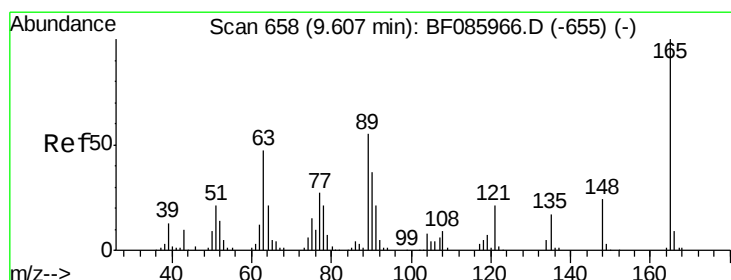
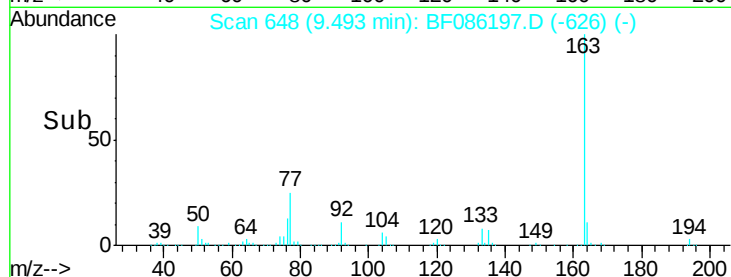
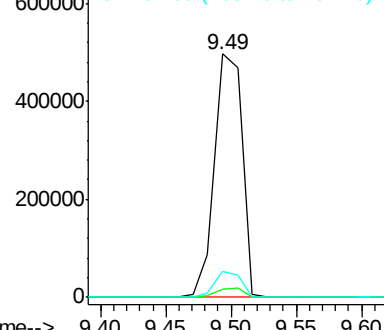
164 10.7 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 38.40 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.05 min

Lab File: BF086197.D

Acq: 9 Apr 2016 4:49

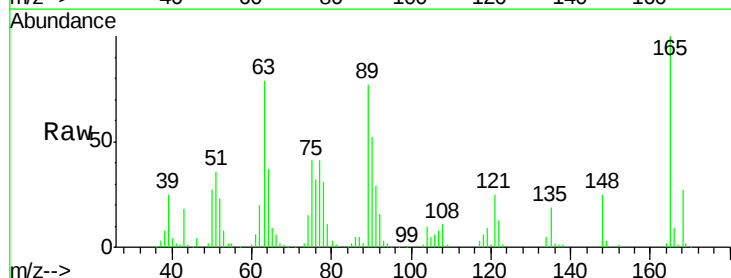
Tgt Ion:165 Resp: 112025

Ion Ratio Lower Upper

165 100

63 78.8 51.8 77.8#

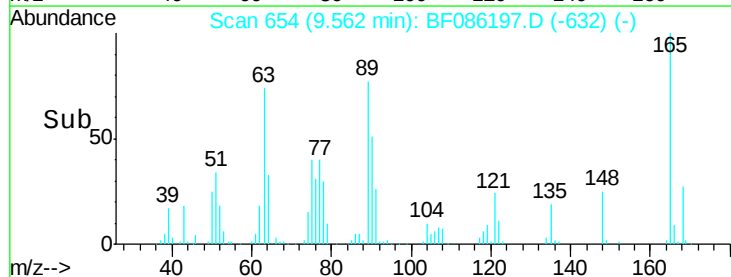
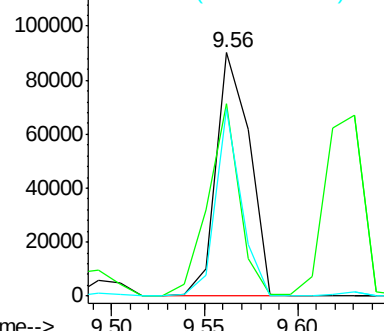
89 77.1 53.7 80.5

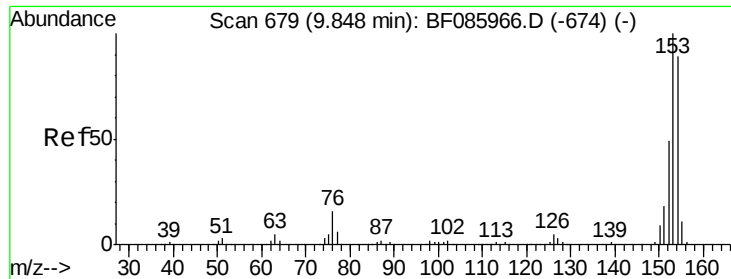


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.91 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.05 min

Lab File: BF086197.D

Acq: 9 Apr 2016 4:49

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-36(0.5-20.0)MS

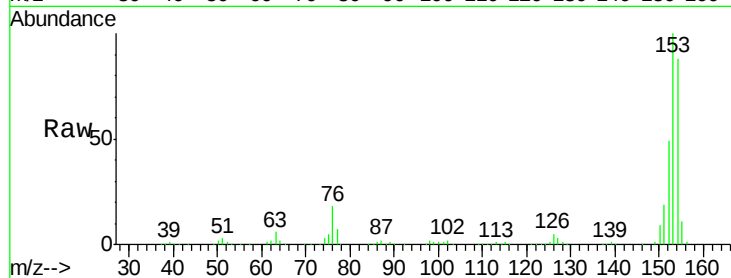
Tgt Ion:154 Resp: 464323

Ion Ratio Lower Upper

154 100

153 113.6 90.1 135.1

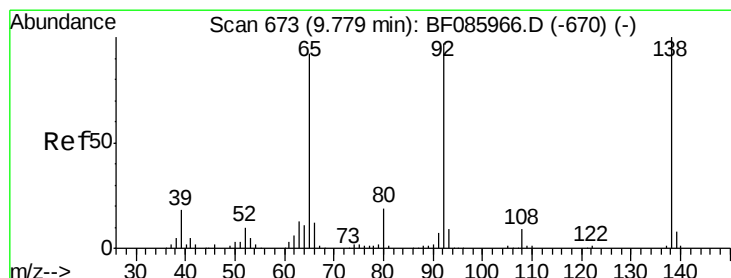
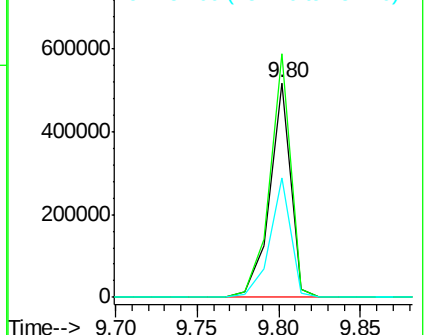
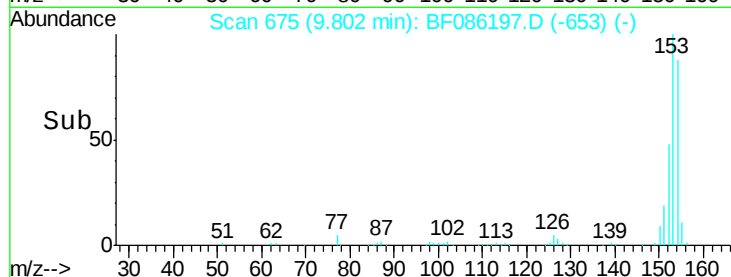
152 55.5 44.2 66.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 33.05 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.05 min

Lab File: BF086197.D

Acq: 9 Apr 2016 4:49

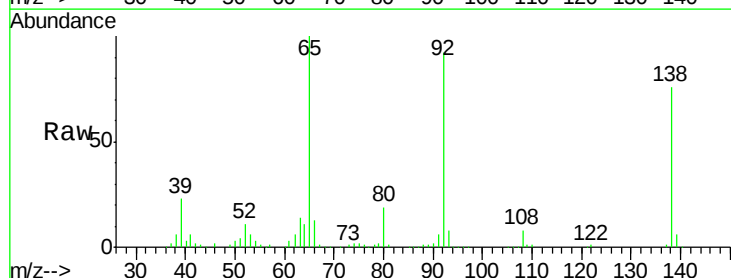
Tgt Ion:138 Resp: 116233

Ion Ratio Lower Upper

138 100

108 10.4 8.7 13.1

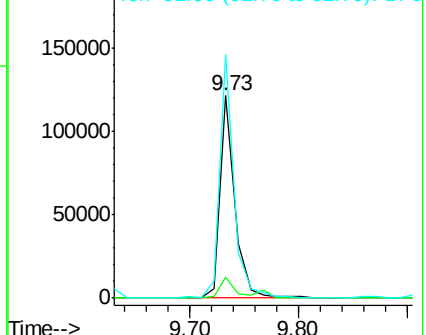
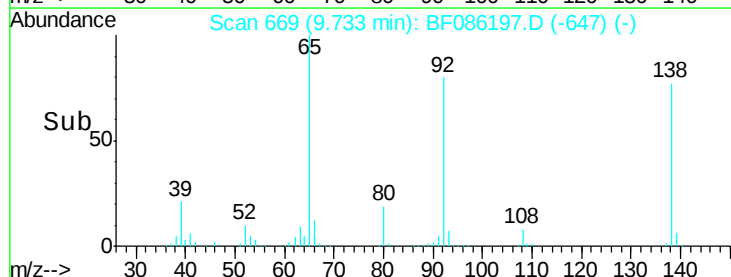
92 120.3 93.3 139.9

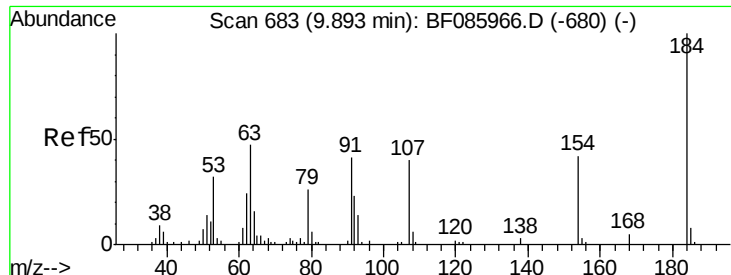


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

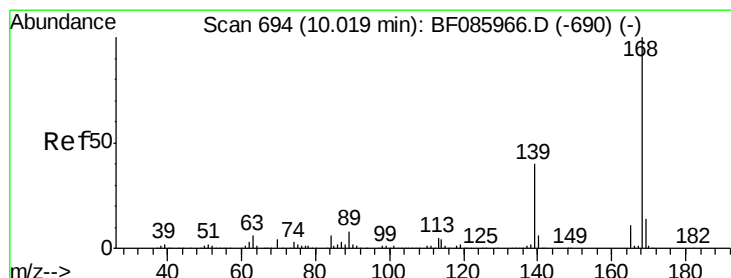
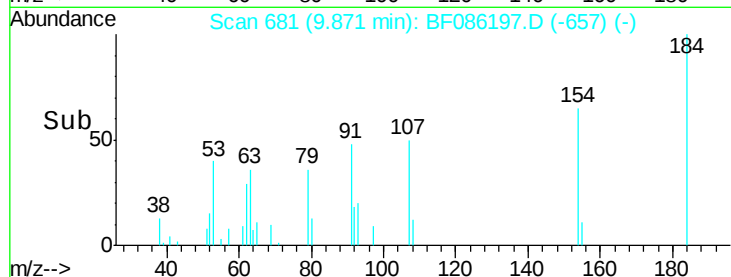
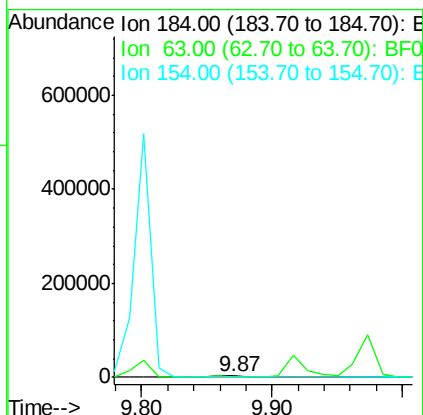
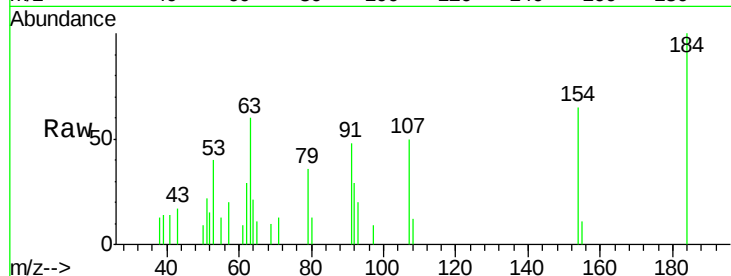




#53
2,4-Dinitrophenol
Concen: 9.10 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF086197.D
Acq: 9 Apr 2016 4:49

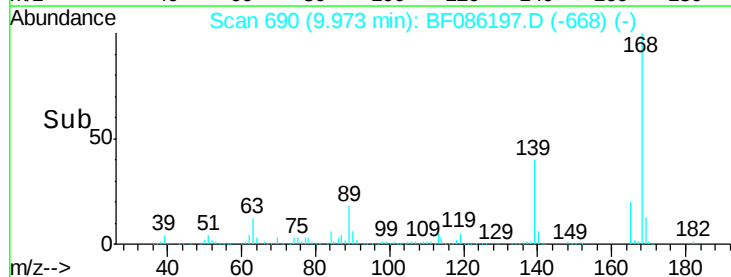
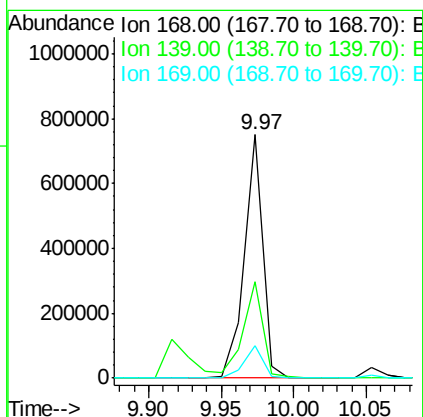
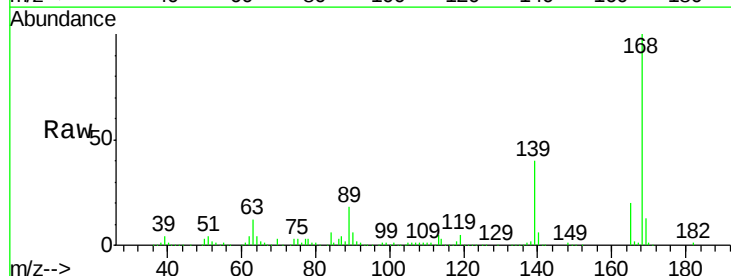
Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-36(0.5-20.0)MS

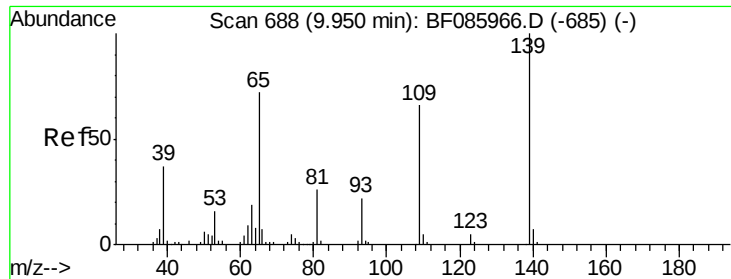
Tgt Ion:184 Resp: 7859
Ion Ratio Lower Upper
184 100
63 60.3 69.5 104.3#
154 65.4 58.3 87.5



#54
Dibenzofuran
Concen: 45.49 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.05 min
Lab File: BF086197.D
Acq: 9 Apr 2016 4:49

Tgt Ion:168 Resp: 665556
Ion Ratio Lower Upper
168 100
139 39.7 31.9 47.9
169 13.5 11.0 16.6

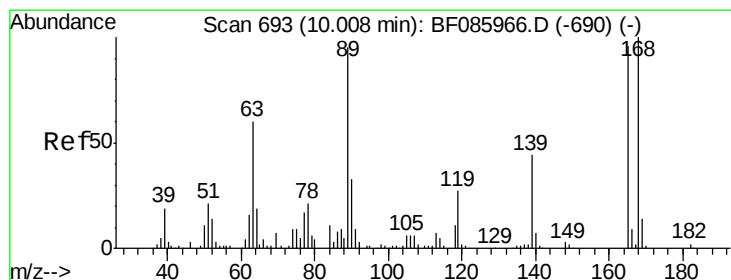
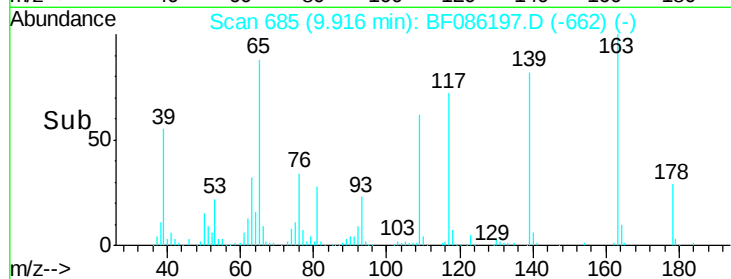
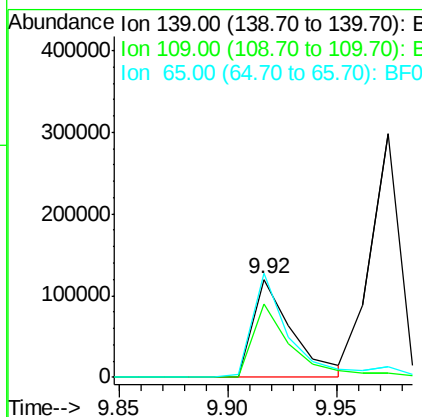
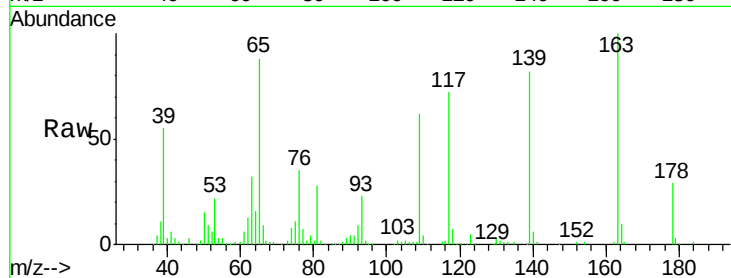




#55
4-Nitrophenol
Concen: 73.48 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.03 min
Lab File: BF086197.D
Acq: 9 Apr 2016 4:49

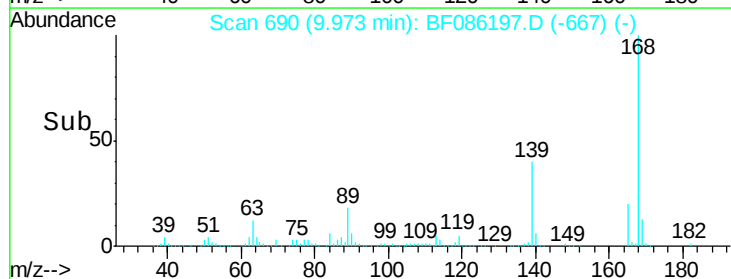
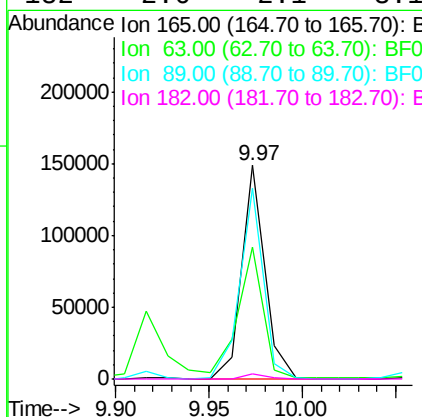
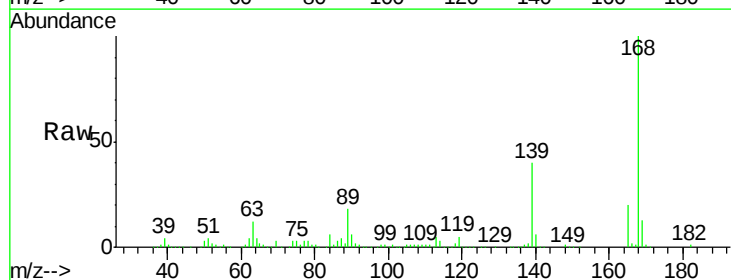
Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-36(0.5-20.0)MS

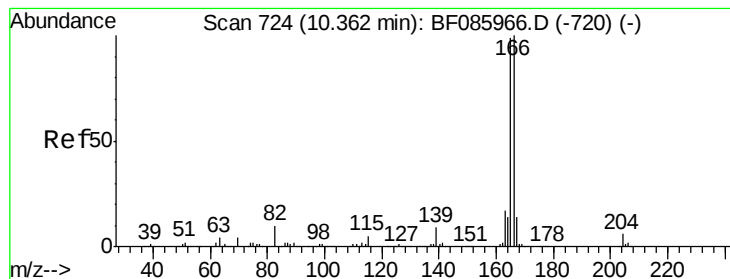
Tgt Ion:139 Resp: 152326
Ion Ratio Lower Upper
139 100
109 74.8 49.2 89.2
65 106.3 66.9 106.9



#56
2,4-Dinitrotoluene
Concen: 35.05 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF086197.D
Acq: 9 Apr 2016 4:49

Tgt Ion:165 Resp: 129206
Ion Ratio Lower Upper
165 100
63 61.5 24.9 37.3#
89 89.5 41.0 61.6#
182 2.6 2.1 3.1





#57

Fluorene

Concen: 41.15 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.05 min

Lab File: BF086197.D

Acq: 9 Apr 2016 4:49

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-36(0.5-20.0)MS

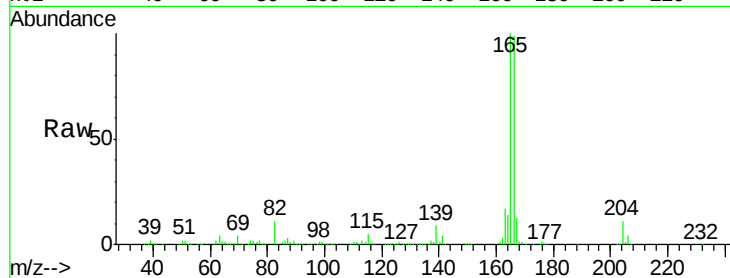
Tgt Ion:166 Resp: 514335

Ion Ratio Lower Upper

166 100

165 100.7 79.4 119.0

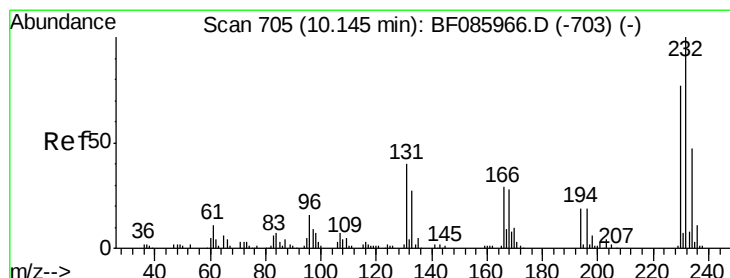
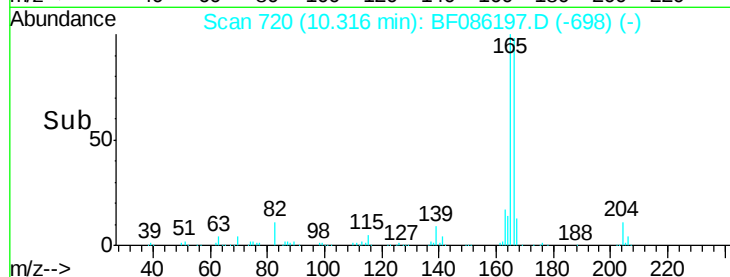
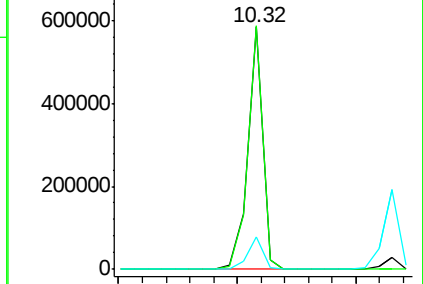
167 13.2 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.52 ng

RT: 10.10 min Scan# 701

Delta R.T. -0.05 min

Lab File: BF086197.D

Acq: 9 Apr 2016 4:49

Tgt Ion:232 Resp: 120858

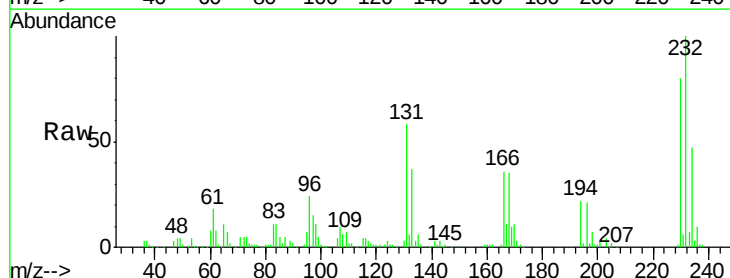
Ion Ratio Lower Upper

232 100

131 54.6 44.9 67.3

130 2.5 2.3 3.5

166 32.7 28.1 42.1

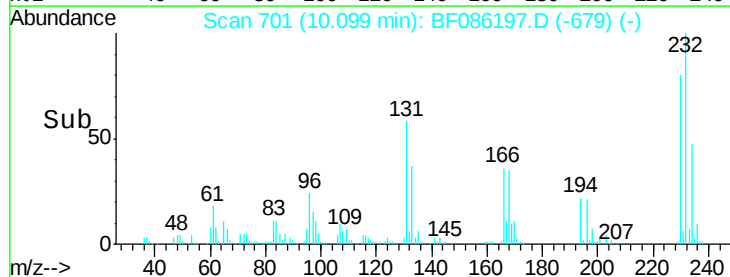
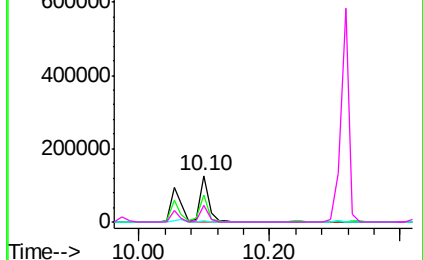


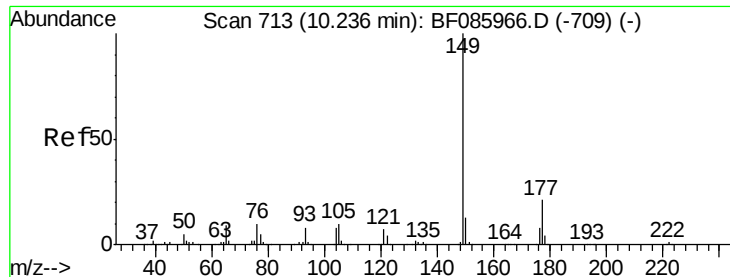
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

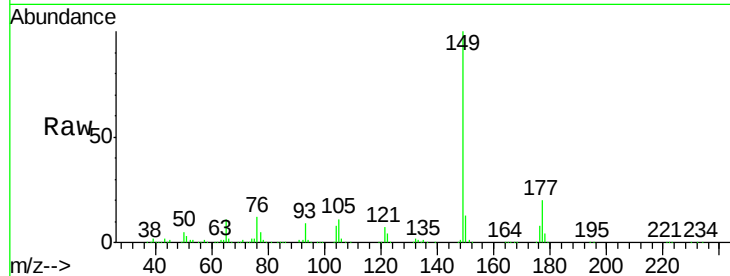




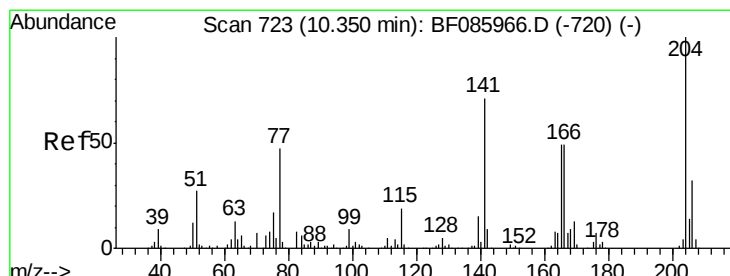
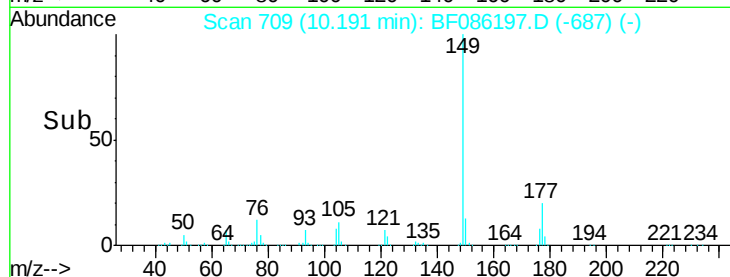
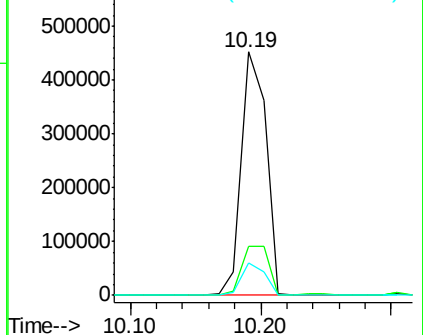
#59
Diethylphthalate
Concen: 42.54 ng
RT: 10.19 min Scan# 709
Delta R.T. -0.05 min
Lab File: BF086197.D
Acq: 9 Apr 2016 4:49

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-36(0.5-20.0)MS

Tgt Ion:149 Resp: 592074
Ion Ratio Lower Upper
149 100
177 20.0 17.9 26.9
150 13.1 10.2 15.2

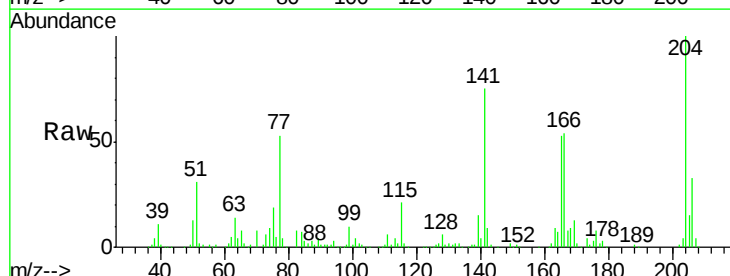


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

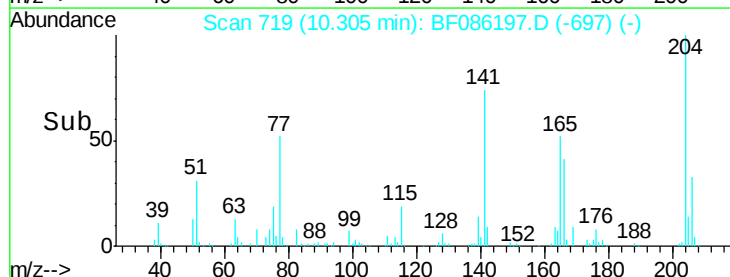
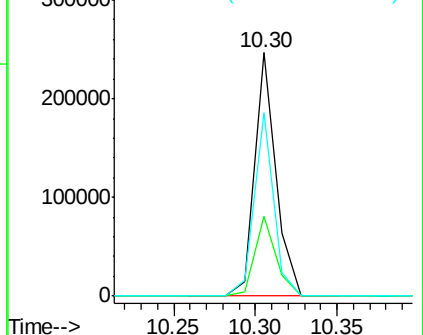


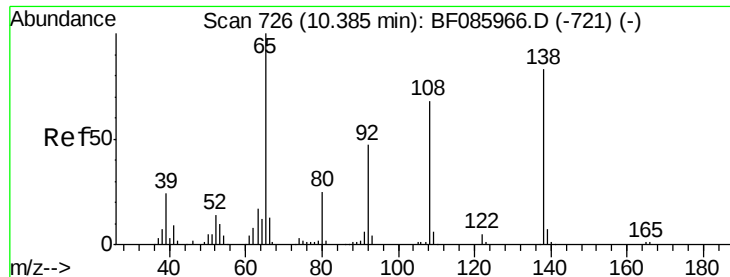
#60
4-Chlorophenyl-phenylether
Concen: 38.47 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.05 min
Lab File: BF086197.D
Acq: 9 Apr 2016 4:49

Tgt Ion:204 Resp: 223998
Ion Ratio Lower Upper
204 100
206 32.9 26.6 39.8
141 75.2 57.4 86.0



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

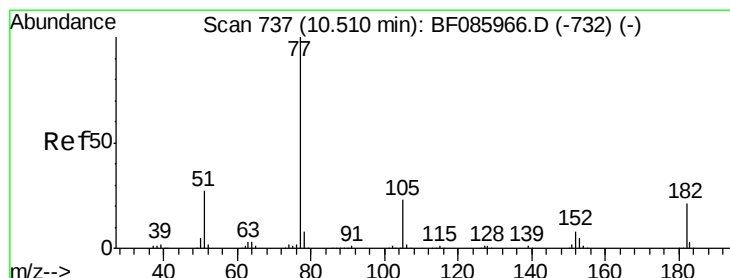
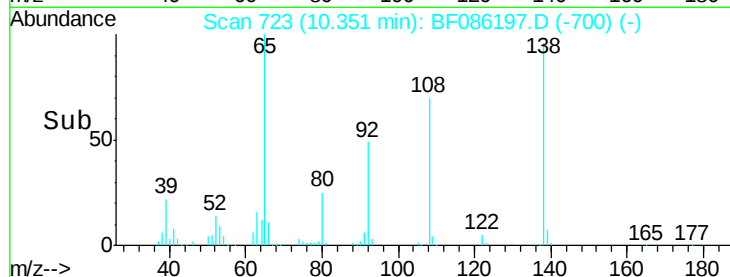
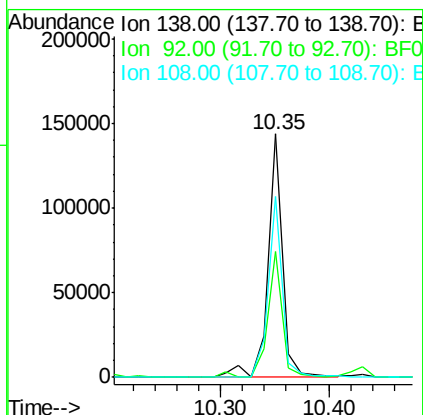
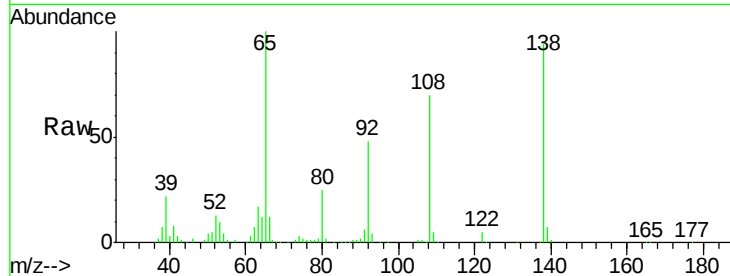




#61
4-Nitroaniline
Concen: 39.36 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF086197.D
Acq: 9 Apr 2016 4:49

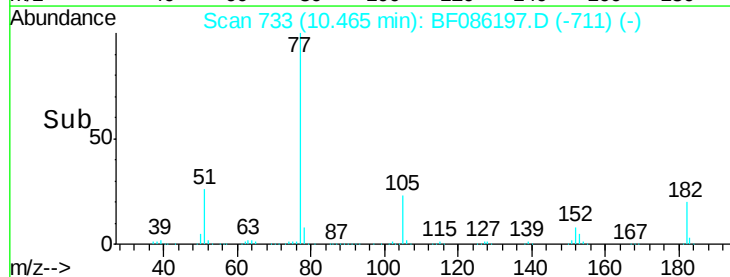
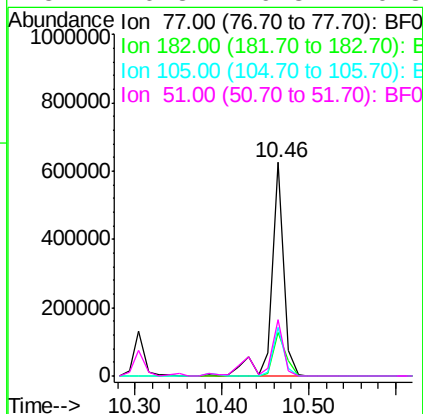
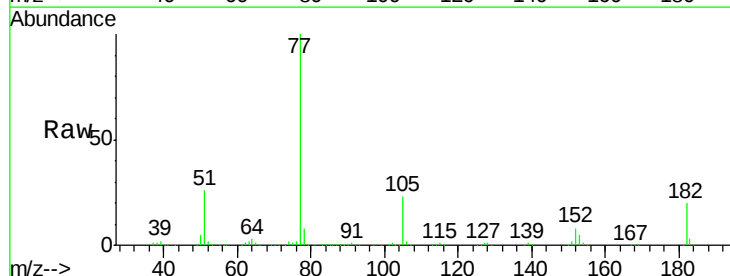
Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-36(0.5-20.0)MS

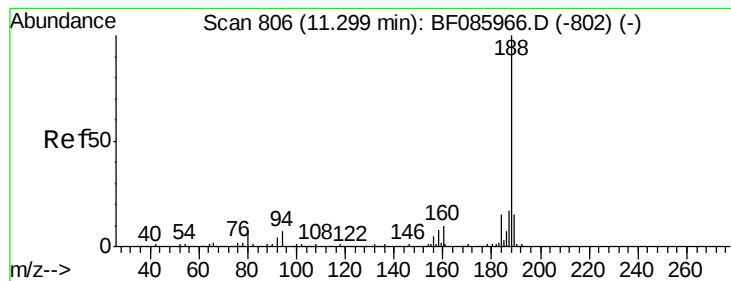
Tgt Ion:138 Resp: 136287
Ion Ratio Lower Upper
138 100
92 51.5 26.4 66.4
108 74.4 49.0 89.0



#62
Azobenzene
Concen: 44.37 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.05 min
Lab File: BF086197.D
Acq: 9 Apr 2016 4:49

Tgt Ion: 77 Resp: 591548
Ion Ratio Lower Upper
77 100
182 20.4 1.9 41.9
105 23.1 3.5 43.5
51 26.3 6.3 46.3





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.25 min Scan# 802

Delta R.T. -0.05 min

Lab File: BF086197.D

Acq: 9 Apr 2016 4:49

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-36(0.5-20.0)MS

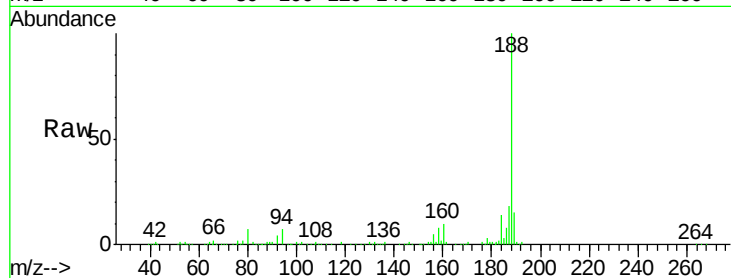
Tgt Ion:188 Resp: 289030

Ion Ratio Lower Upper

188 100

94 6.7 5.4 8.0

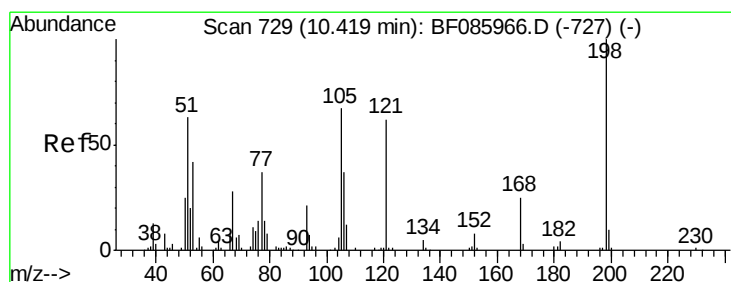
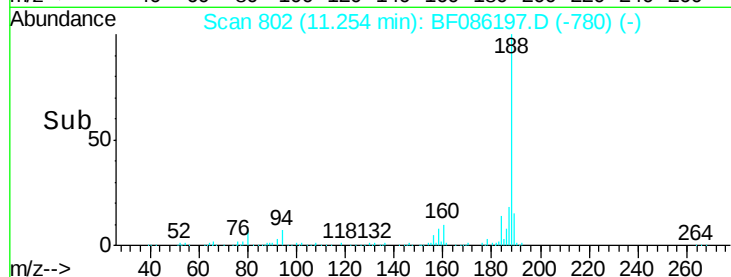
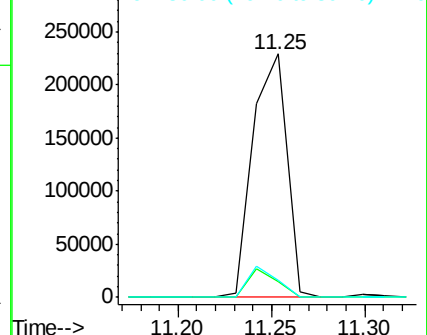
80 6.8 5.5 8.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 6.53 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF086197.D

Acq: 9 Apr 2016 4:49

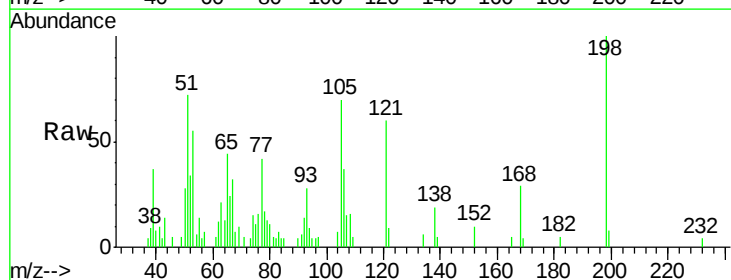
Tgt Ion:198 Resp: 11433

Ion Ratio Lower Upper

198 100

51 71.7 45.4 85.4

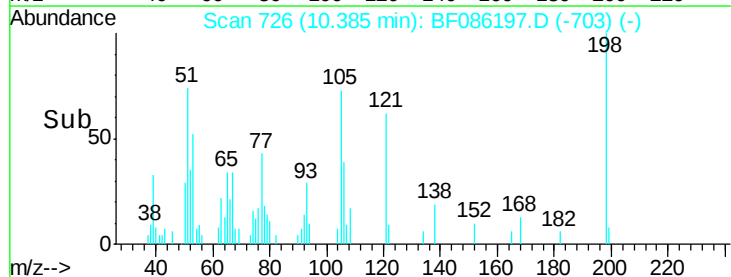
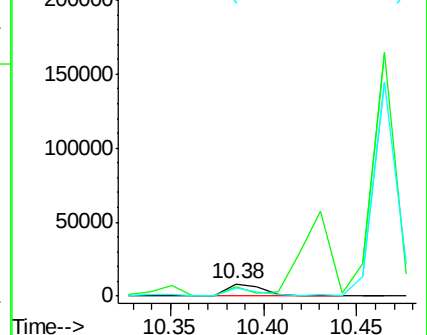
105 69.8 45.9 85.9

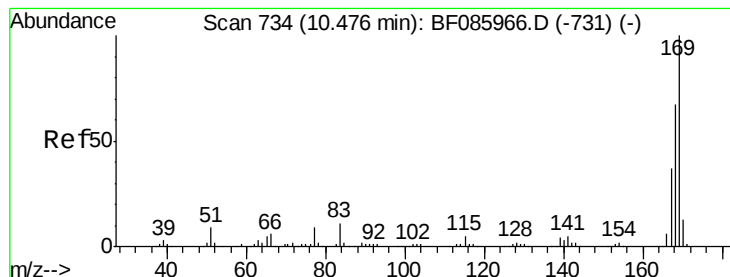


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

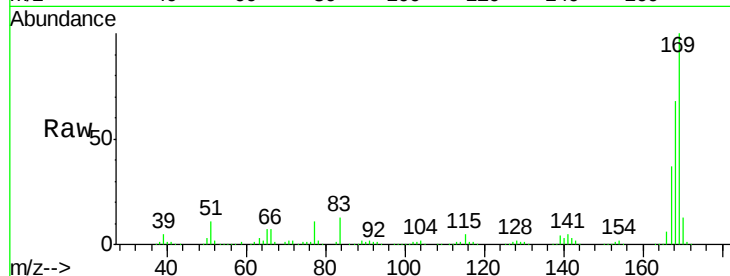




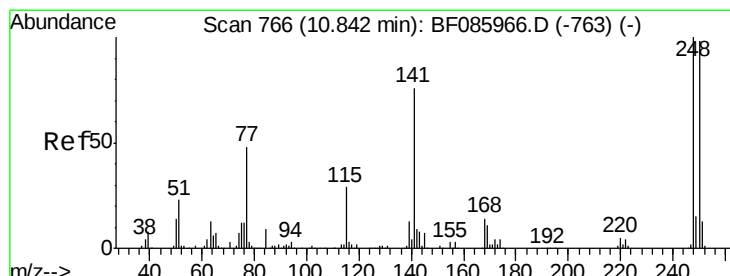
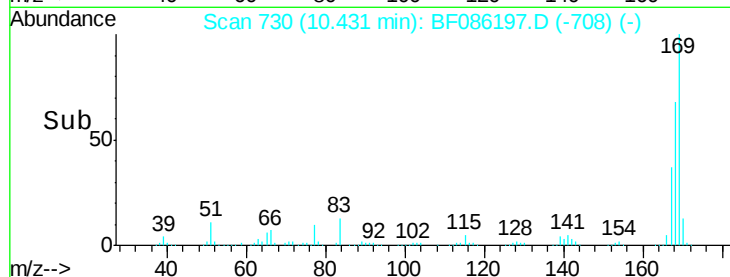
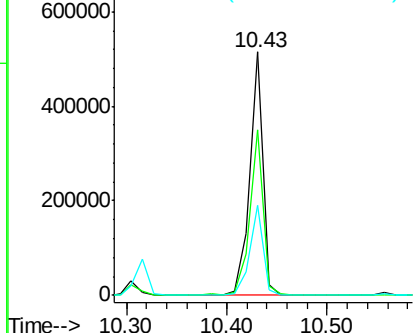
#65
 n-Nitrosodiphenylamine
 Concen: 51.61 ng
 RT: 10.43 min Scan# 730
 Delta R.T. -0.05 min
 Lab File: BF086197.D
 Acq: 9 Apr 2016 4:49

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-36(0.5-20.0)MS

Tgt Ion:169 Resp: 466461
 Ion Ratio Lower Upper
 169 100
 168 67.8 54.4 81.6
 167 37.0 29.4 44.0

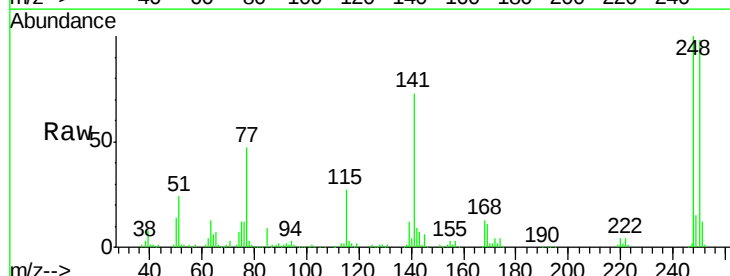


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

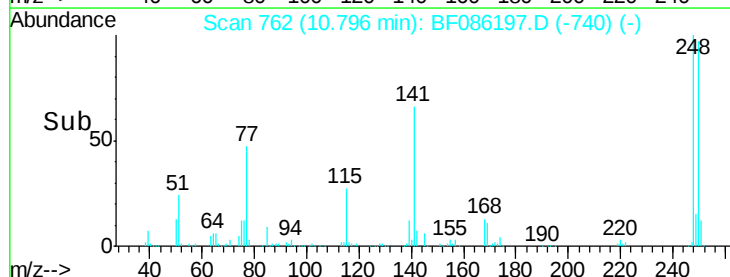
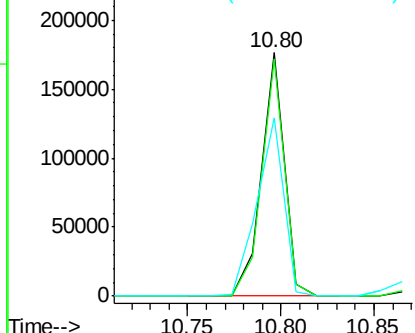


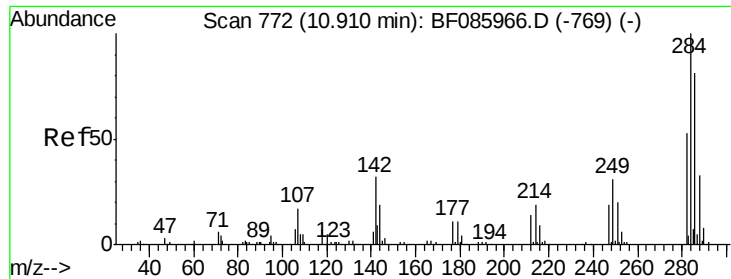
#66
 4-Bromophenyl-phenylether
 Concen: 50.36 ng
 RT: 10.80 min Scan# 762
 Delta R.T. -0.05 min
 Lab File: BF086197.D
 Acq: 9 Apr 2016 4:49

Tgt Ion:248 Resp: 148610
 Ion Ratio Lower Upper
 248 100
 250 97.5 77.4 116.0
 141 73.4 63.6 95.4



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

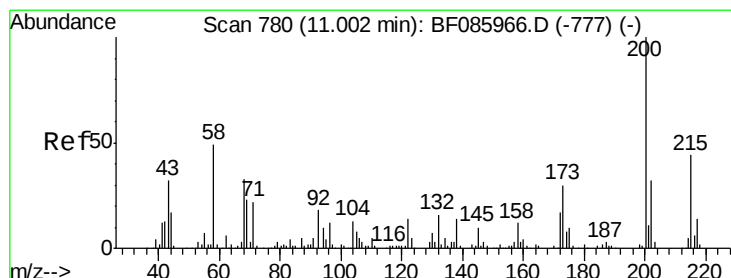
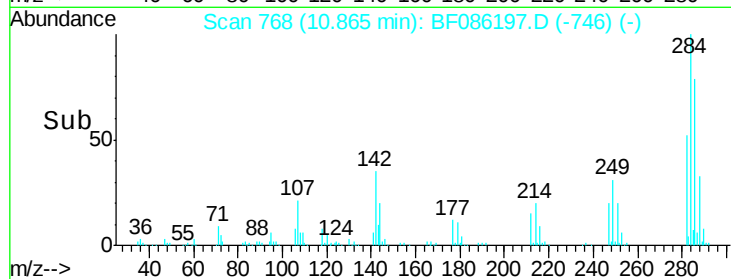
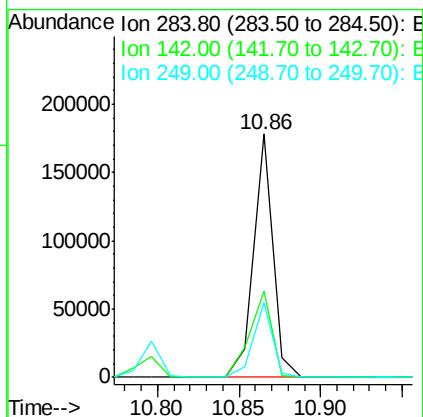
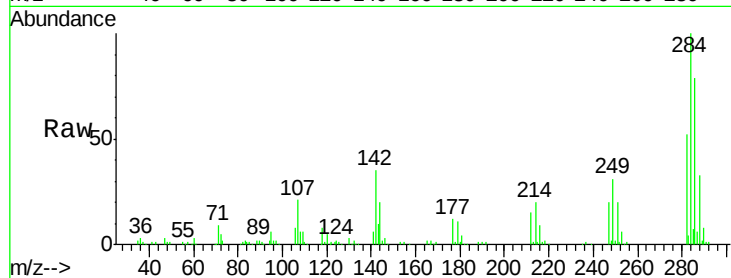




#67
Hexachlorobenzene
Concen: 48.16 ng
RT: 10.86 min Scan# 768
Delta R.T. -0.05 min
Lab File: BF086197.D
Acq: 9 Apr 2016 4:49

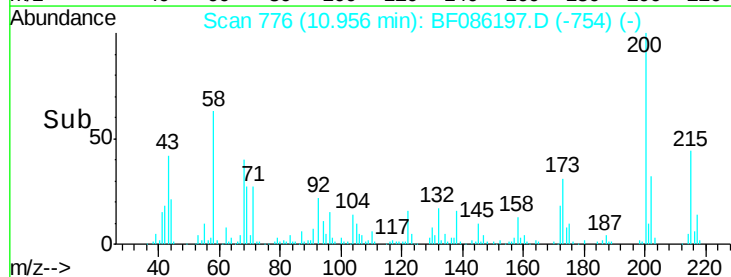
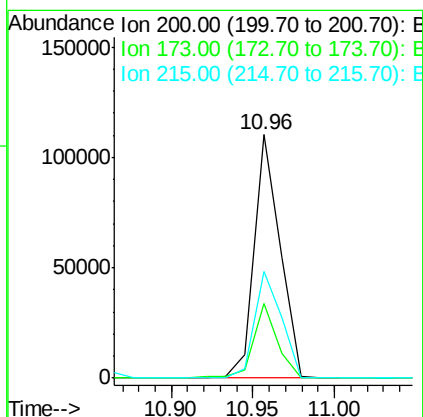
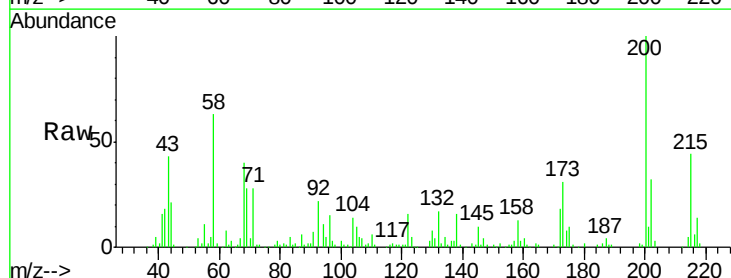
Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-36(0.5-20.0)MS

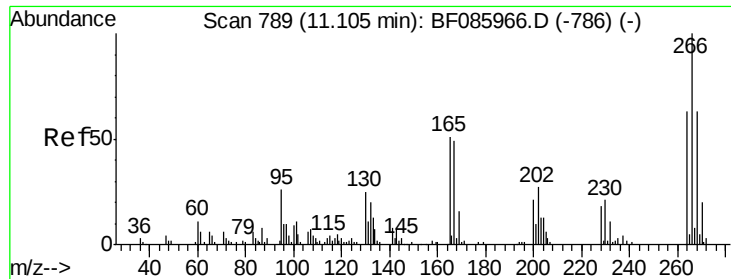
Tgt Ion:284 Resp: 146958
Ion Ratio Lower Upper
284 100
142 35.4 23.1 34.7#
249 30.9 24.2 36.2



#68
Atrazine
Concen: 41.62 ng
RT: 10.96 min Scan# 776
Delta R.T. -0.05 min
Lab File: BF086197.D
Acq: 9 Apr 2016 4:49

Tgt Ion:200 Resp: 121553
Ion Ratio Lower Upper
200 100
173 30.5 7.7 47.7
215 43.7 25.4 65.4

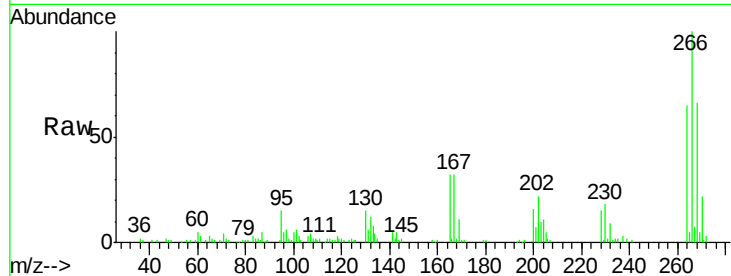




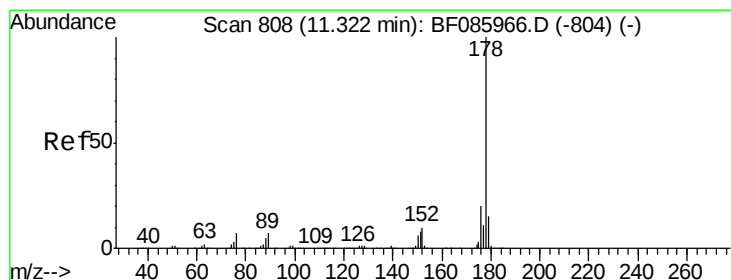
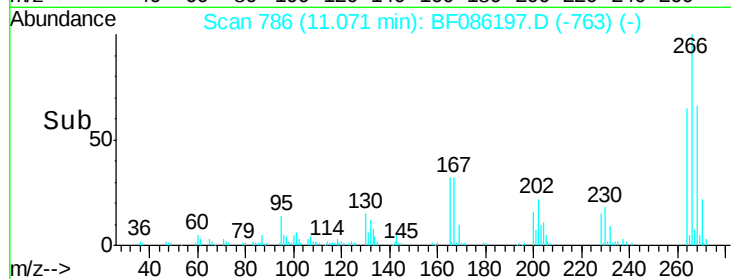
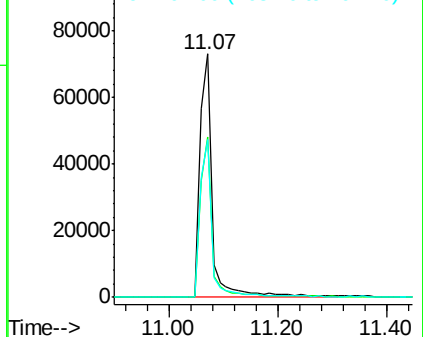
#69
 Pentachlorophenol
 Concen: 78.96 ng
 RT: 11.07 min Scan# 786
 Delta R.T. -0.03 min
 Lab File: BF086197.D
 Acq: 9 Apr 2016 4:49

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-36(0.5-20.0)MS

Tgt Ion:266 Resp: 112916
 Ion Ratio Lower Upper
 266 100
 268 65.8 51.5 77.3
 264 64.6 50.6 76.0

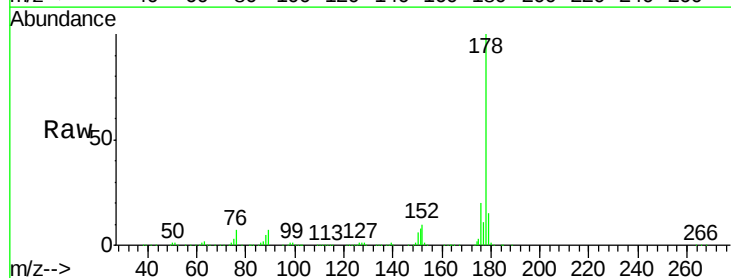


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

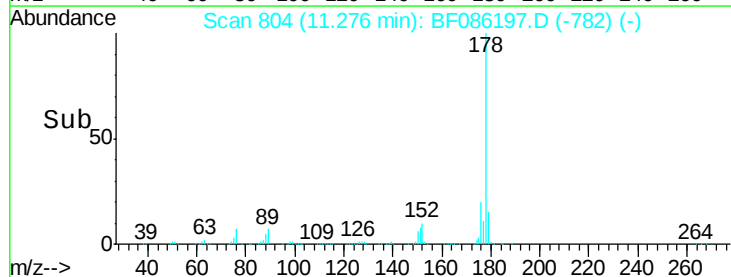
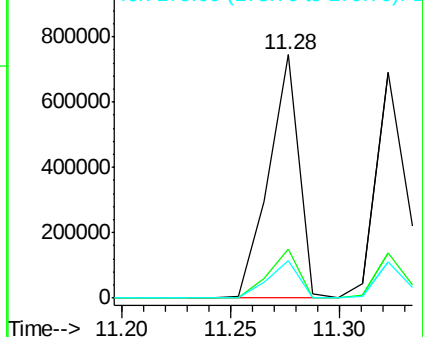


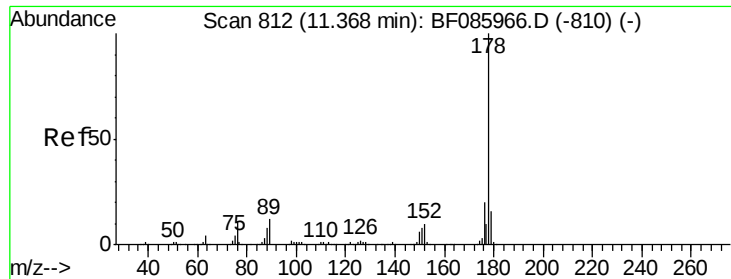
#70
 Phenanthrene
 Concen: 46.16 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.05 min
 Lab File: BF086197.D
 Acq: 9 Apr 2016 4:49

Tgt Ion:178 Resp: 727795
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.3 24.5
 179 15.4 12.6 18.8



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

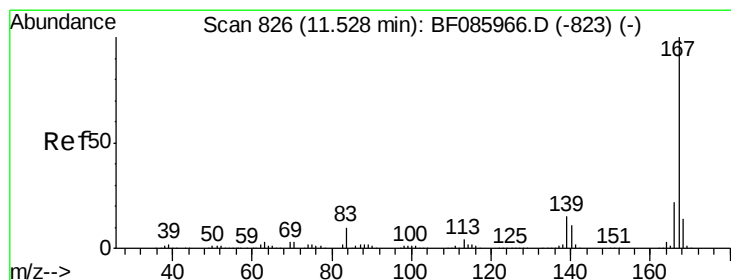
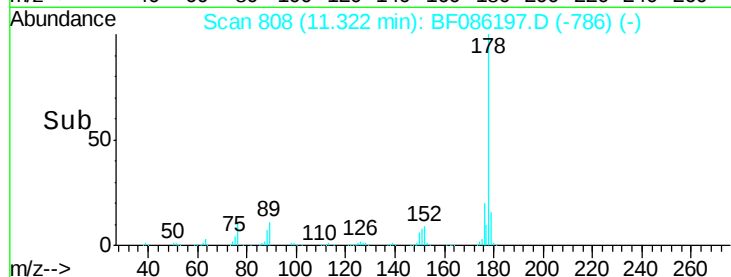
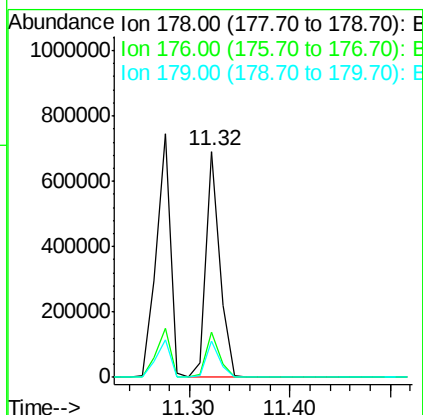
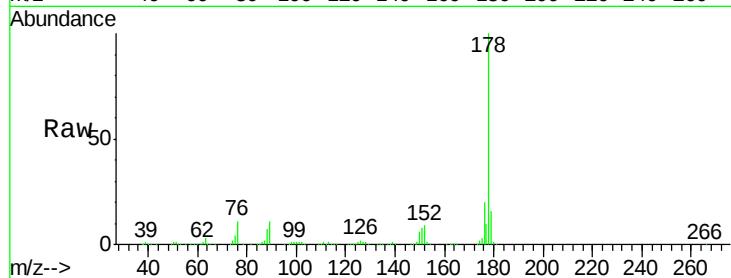




#71
 Anthracene
 Concen: 40.21 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.05 min
 Lab File: BF086197.D
 Acq: 9 Apr 2016 4:49

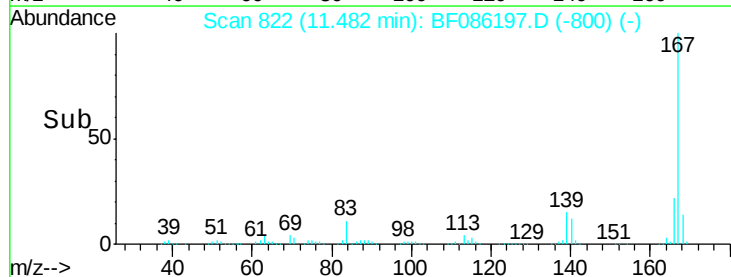
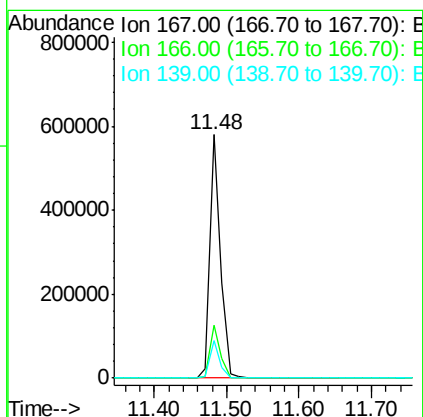
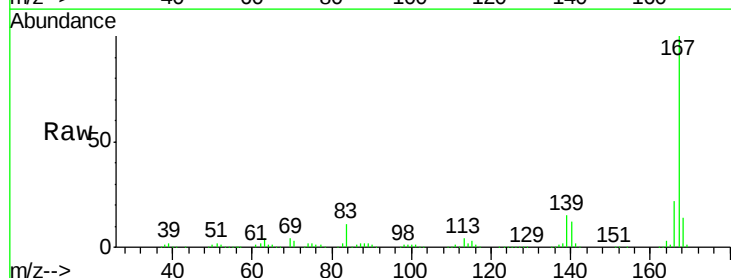
Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-36(0.5-20.0)MS

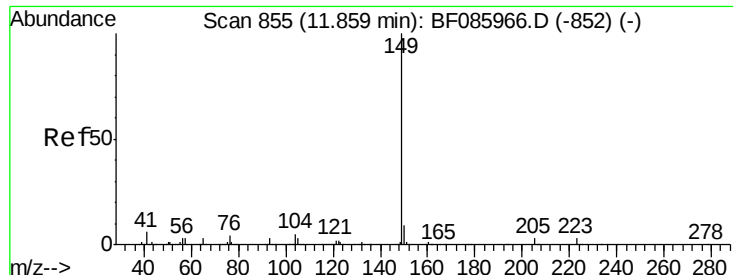
Tgt Ion:178 Resp: 664237
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.9 23.9
 179 16.0 13.0 19.4



#72
 Carbazole
 Concen: 40.97 ng
 RT: 11.48 min Scan# 822
 Delta R.T. -0.05 min
 Lab File: BF086197.D
 Acq: 9 Apr 2016 4:49

Tgt Ion:167 Resp: 581754
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.8 26.8
 139 15.3 11.6 17.4

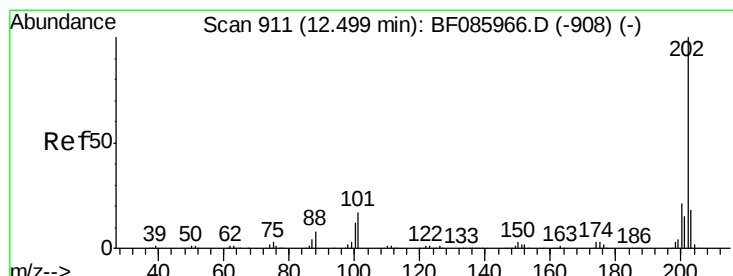
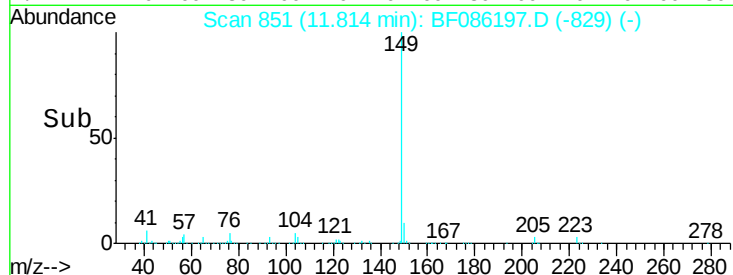
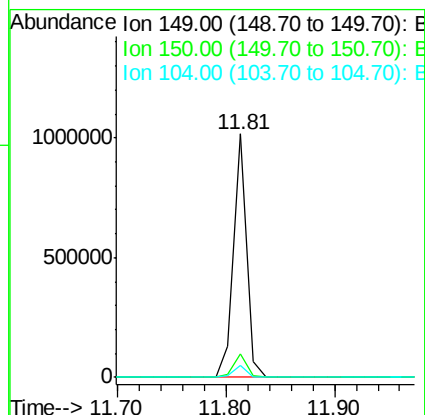
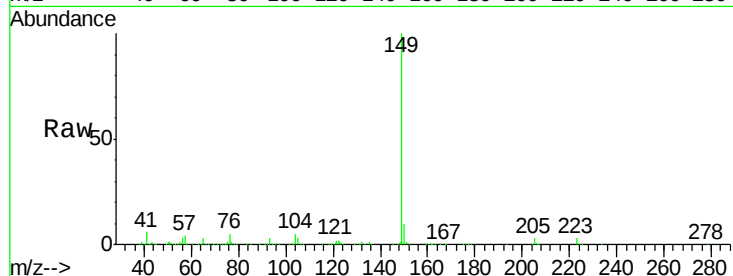




#73
Di-n-butylphthalate
Concen: 47.56 ng
RT: 11.81 min Scan# 851
Delta R.T. -0.05 min
Lab File: BF086197.D
Acq: 9 Apr 2016 4:49

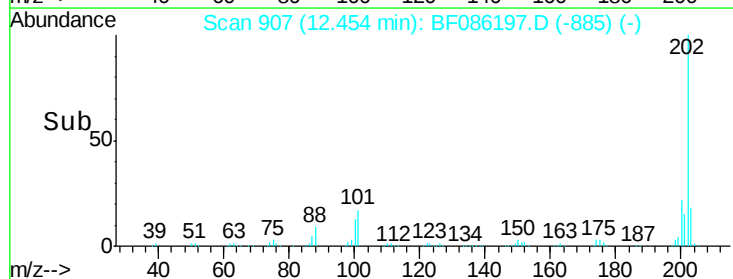
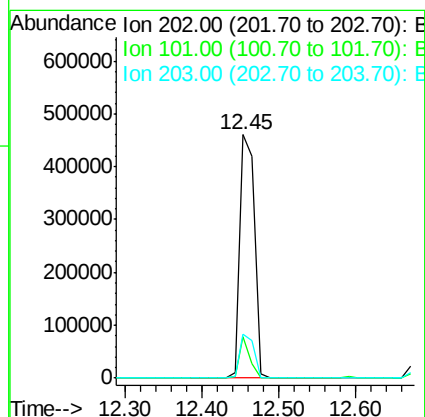
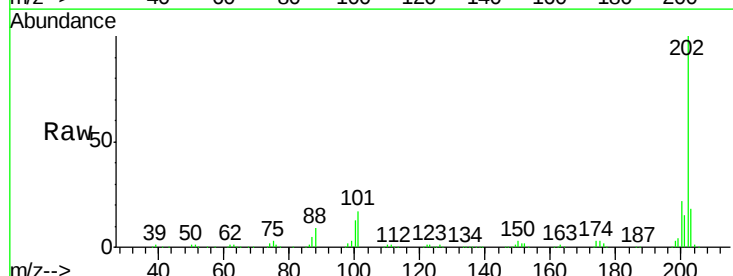
Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-36(0.5-20.0)MS

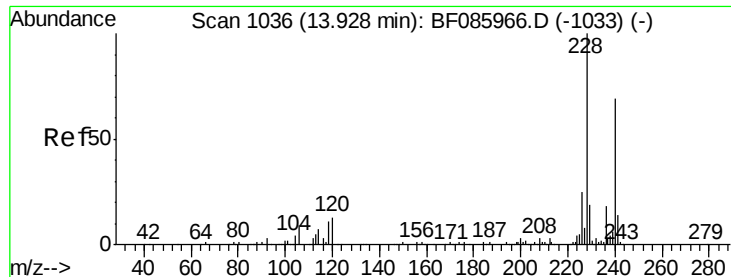
Tgt Ion:149 Resp: 836678
Ion Ratio Lower Upper
149 100
150 9.5 7.6 11.4
104 4.9 3.8 5.8



#74
Fluoranthene
Concen: 37.93 ng
RT: 12.45 min Scan# 907
Delta R.T. -0.05 min
Lab File: BF086197.D
Acq: 9 Apr 2016 4:49

Tgt Ion:202 Resp: 622107
Ion Ratio Lower Upper
202 100
101 17.2 0.0 36.6
203 17.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.05 min

Lab File: BF086197.D

Acq: 9 Apr 2016 4:49

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-36(0.5-20.0)MS

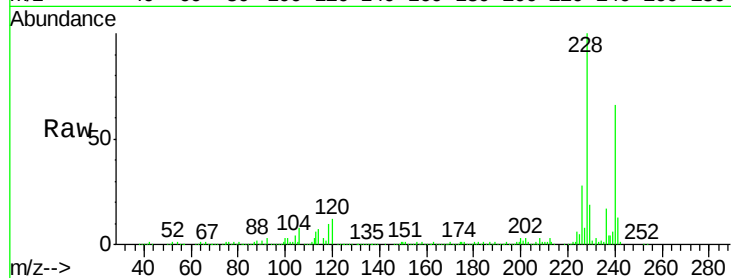
Tgt Ion:240 Resp: 217622

Ion Ratio Lower Upper

240 100

120 17.8 13.8 20.8

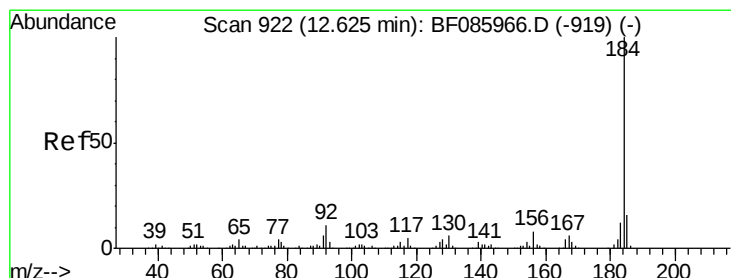
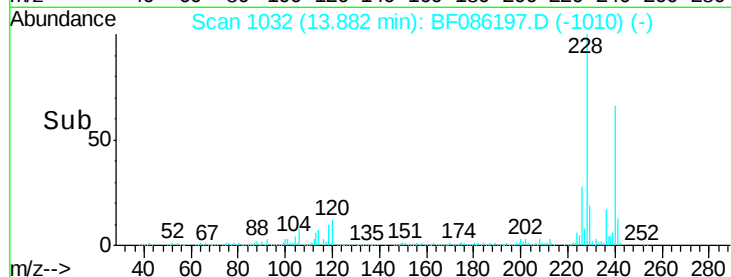
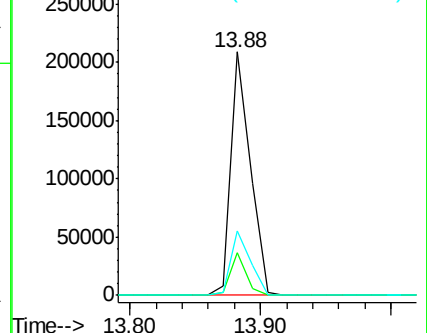
236 26.4 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 64.50 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.03 min

Lab File: BF086197.D

Acq: 9 Apr 2016 4:49

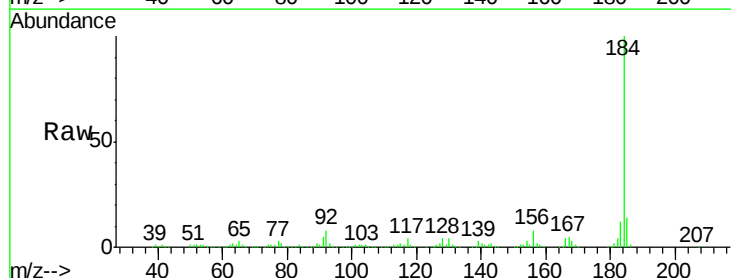
Tgt Ion:184 Resp: 495241

Ion Ratio Lower Upper

184 100

185 14.3 12.4 18.6

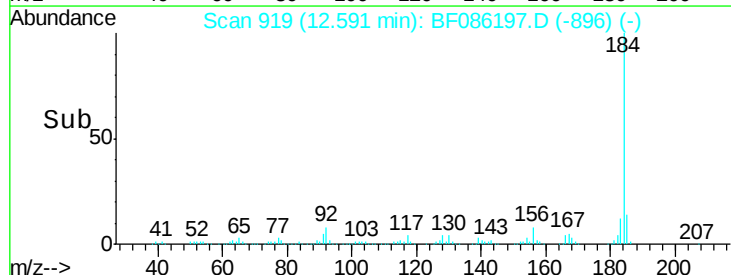
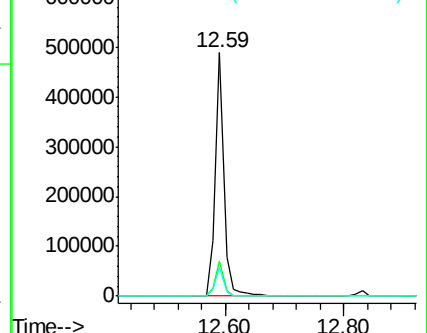
183 11.8 9.4 14.2

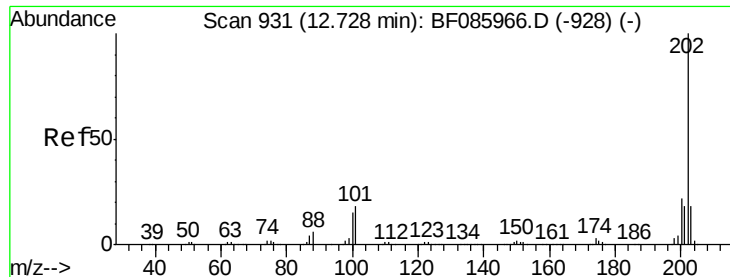


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

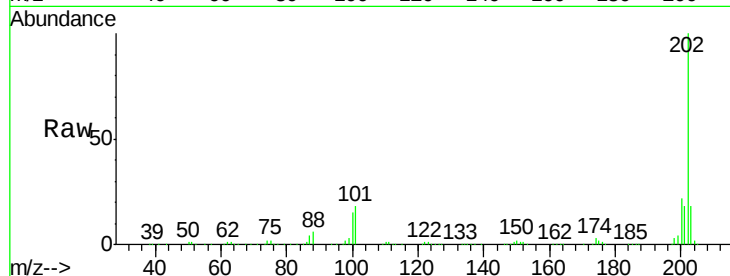




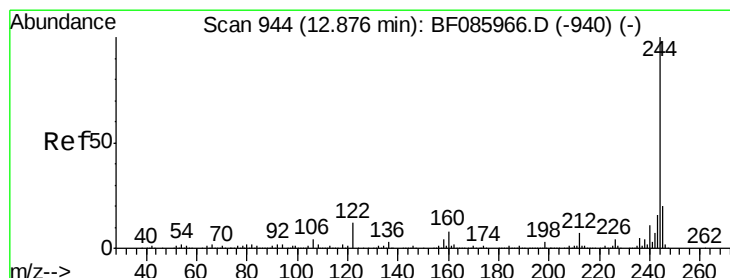
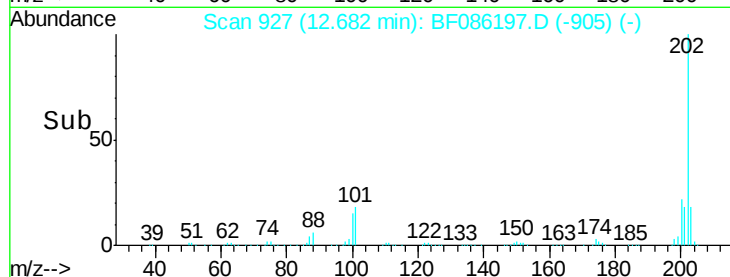
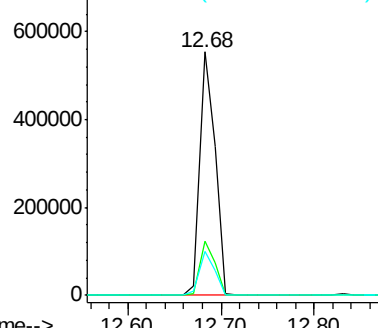
#77
Pyrene
 Concen: 41.46 ng
 RT: 12.68 min Scan# 927
 Delta R.T. -0.05 min
 Lab File: BF086197.D
 Acq: 9 Apr 2016 4:49

Instrument :
 BNA_F
ClientSampleId :
 AMBOY-SB-36(0.5-20.0)MS

Tgt Ion: 202 Resp: 635815
 Ion Ratio Lower Upper
 202 100
 200 22.5 17.6 26.4
 203 18.3 14.0 21.0

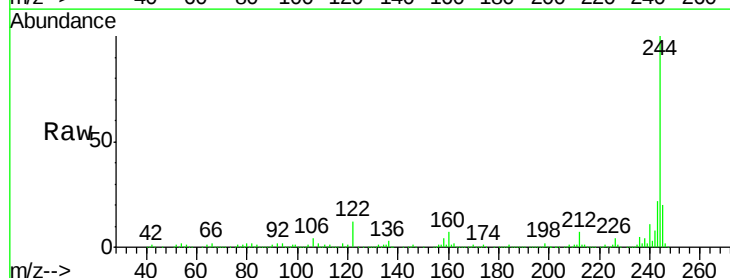


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

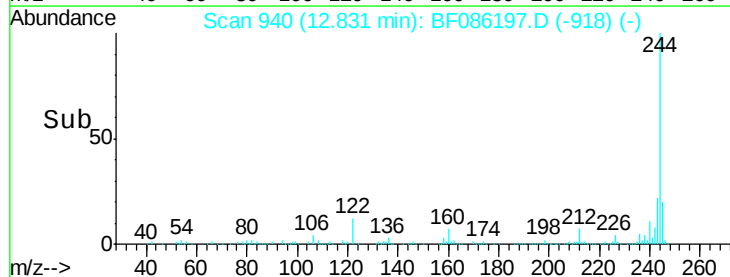
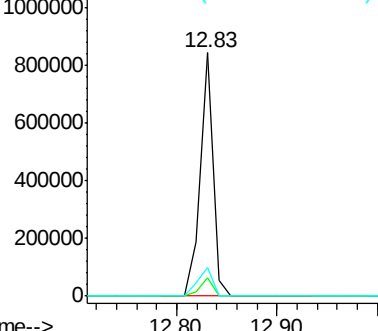


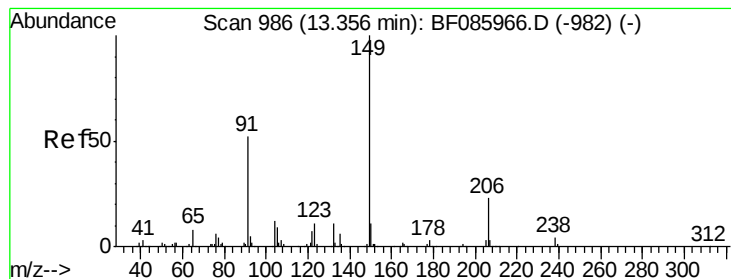
#78
Terphenyl-d14
 Concen: 81.09 ng
 RT: 12.83 min Scan# 940
 Delta R.T. -0.05 min
 Lab File: BF086197.D
 Acq: 9 Apr 2016 4:49

Tgt Ion: 244 Resp: 750710
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 11.6 10.2 15.4



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





#79

Butylbenzylphthalate

Concen: 44.68 ng

RT: 13.30 min Scan# 981

Delta R.T. -0.06 min

Lab File: BF086197.D

Acq: 9 Apr 2016 4:49

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-36(0.5-20.0)MS

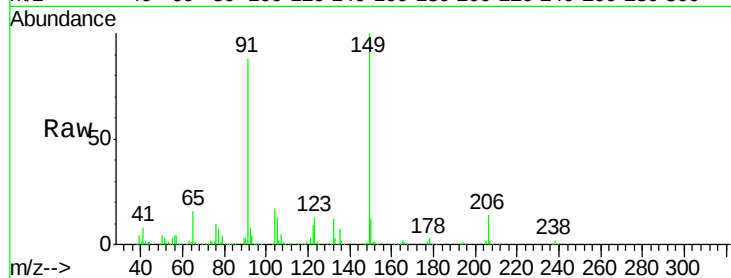
Tgt Ion:149 Resp: 308540

Ion Ratio Lower Upper

149 100

91 87.9 45.8 68.8#

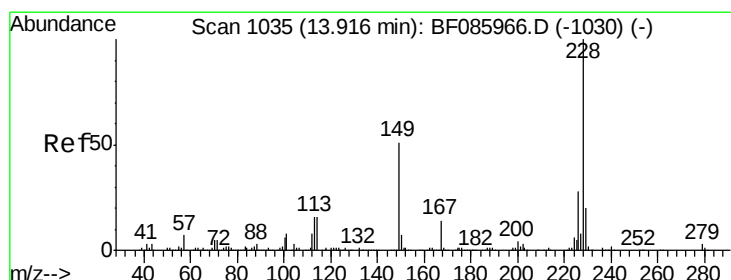
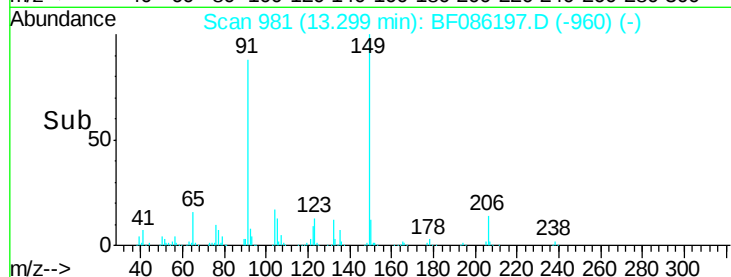
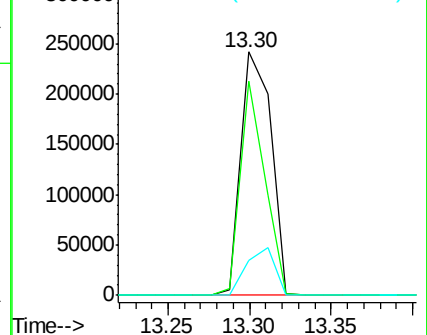
206 14.4 17.8 26.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 42.48 ng

RT: 13.87 min Scan# 1031

Delta R.T. -0.05 min

Lab File: BF086197.D

Acq: 9 Apr 2016 4:49

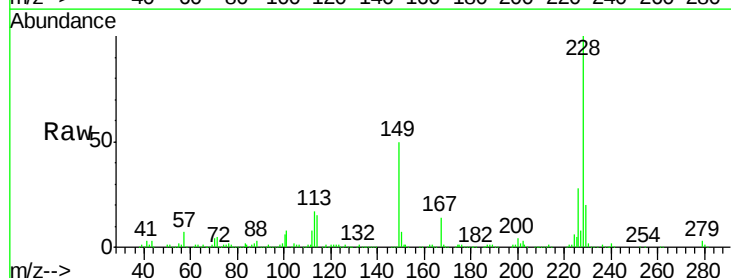
Tgt Ion:228 Resp: 544884

Ion Ratio Lower Upper

228 100

226 27.9 22.1 33.1

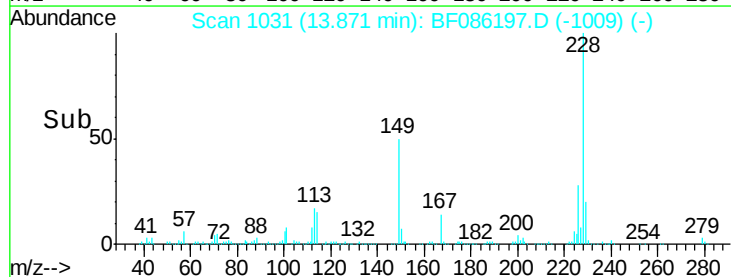
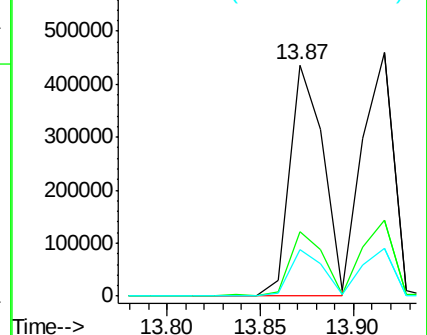
229 20.3 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

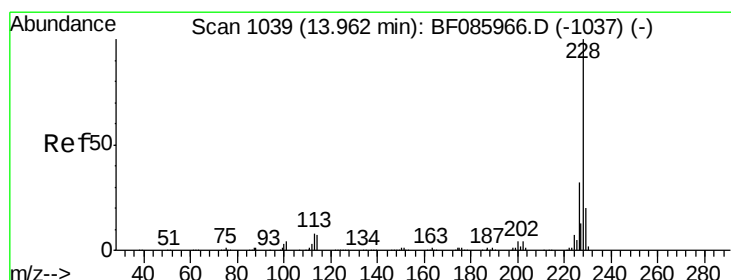
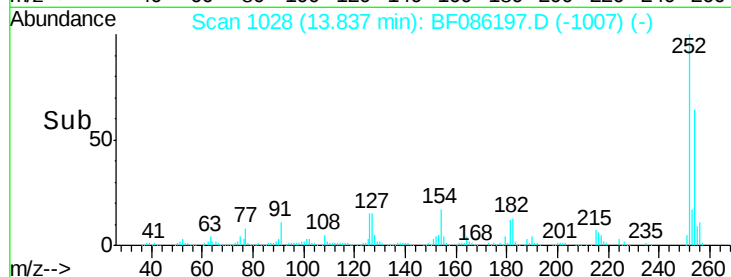
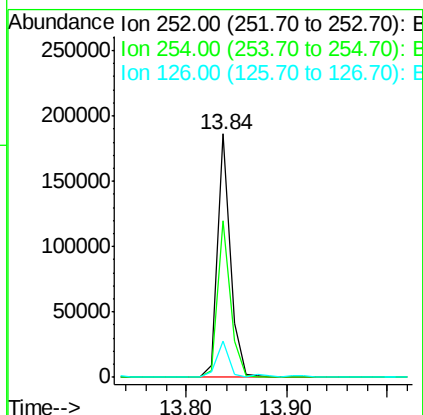
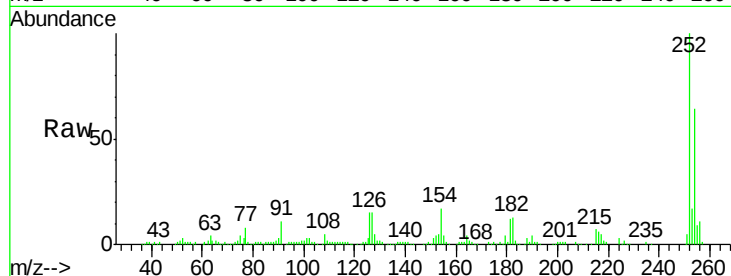




#81
 3,3'-Dichlorobenzidine
 Concen: 17.79 ng
 RT: 13.84 min Scan# 1028
 Delta R.T. -0.06 min
 Lab File: BF086197.D
 Acq: 9 Apr 2016 4:49

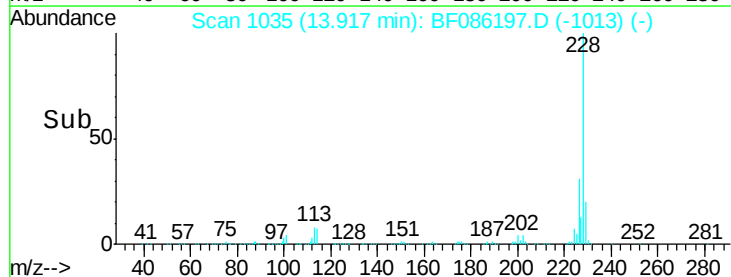
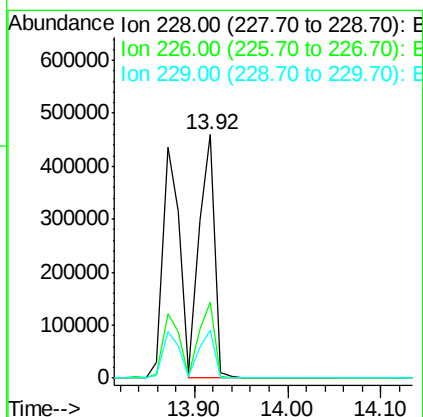
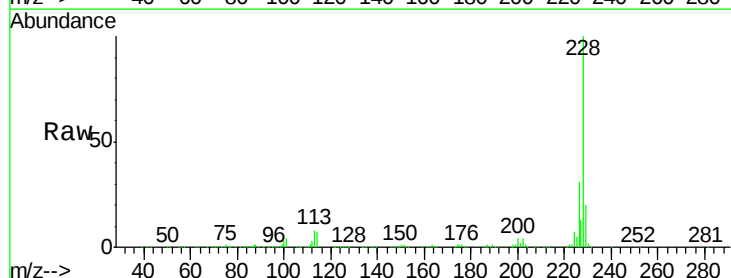
Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-36(0.5-20.0)MS

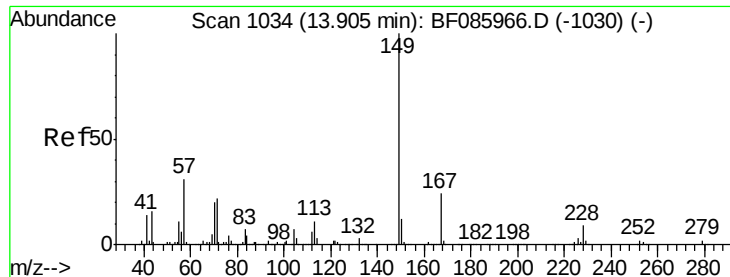
Tgt Ion:252 Resp: 166696
 Ion Ratio Lower Upper
 252 100
 254 64.3 50.7 76.1
 126 15.1 11.8 17.6



#82
 Chrysene
 Concen: 43.14 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.05 min
 Lab File: BF086197.D
 Acq: 9 Apr 2016 4:49

Tgt Ion:228 Resp: 533068
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.0 37.6
 229 19.6 15.7 23.5

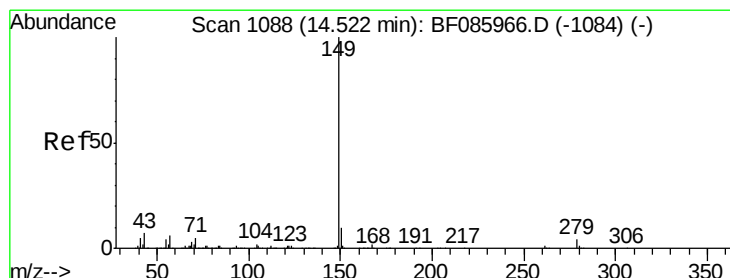
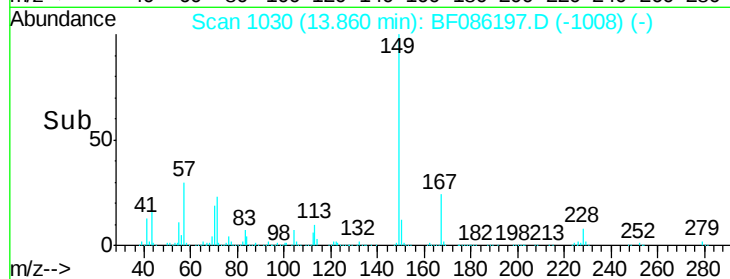
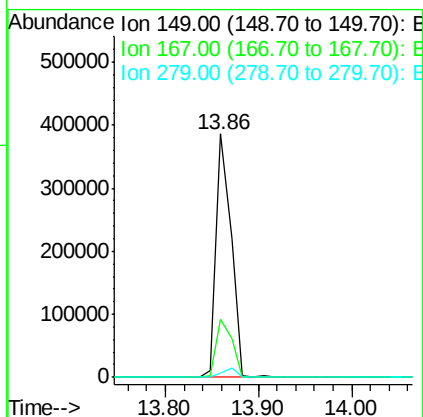
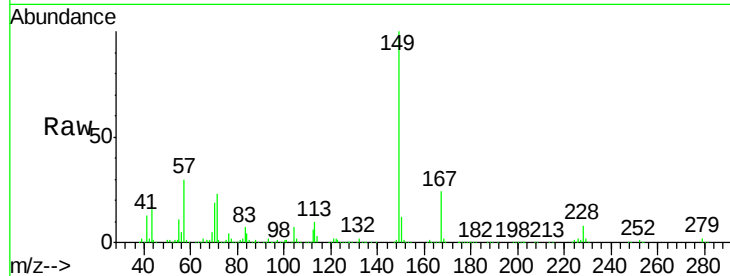




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.92 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.05 min
 Lab File: BF086197.D
 Acq: 9 Apr 2016 4:49

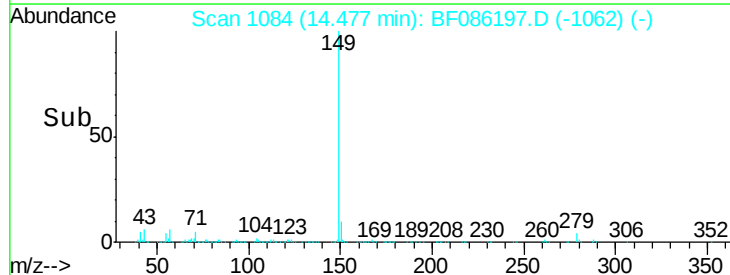
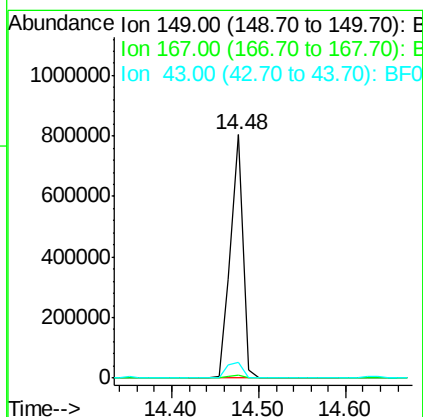
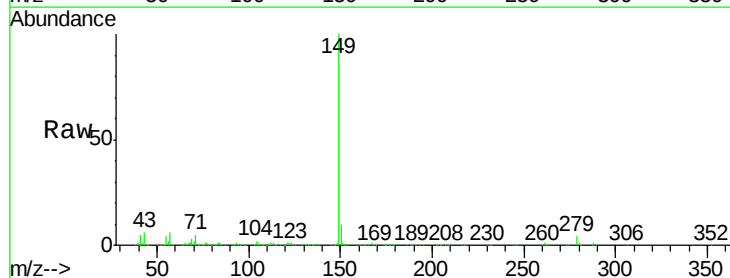
Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-36(0.5-20.0)MS

Tgt Ion:149 Resp: 430044
 Ion Ratio Lower Upper
 149 100
 167 23.7 19.4 29.2
 279 1.8 1.5 2.3



#84
 Di-n-octyl phthalate
 Concen: 54.59 ng
 RT: 14.48 min Scan# 1084
 Delta R.T. -0.05 min
 Lab File: BF086197.D
 Acq: 9 Apr 2016 4:49

Tgt Ion:149 Resp: 798982
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 8.1 7.1 10.7

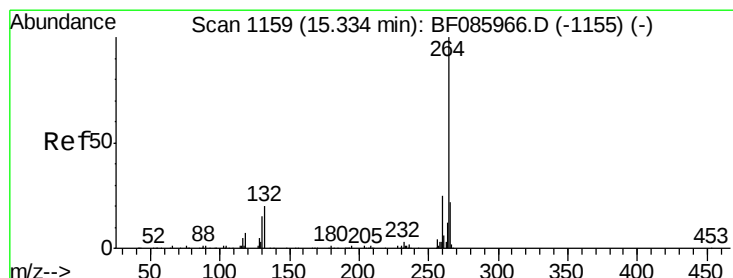
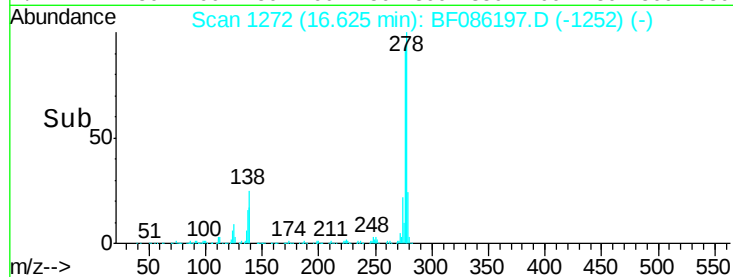
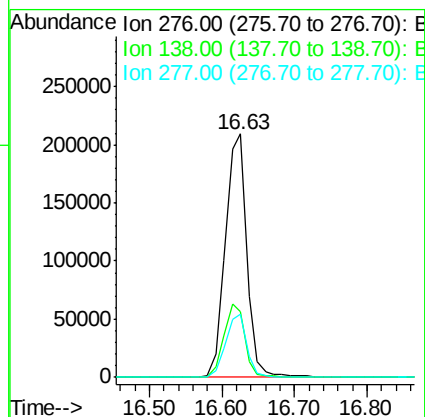
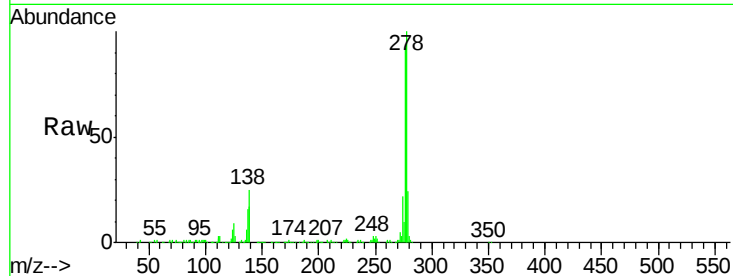




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.98 ng
 RT: 16.63 min Scan# 1272
 Delta R.T. -0.07 min
 Lab File: BF086197.D
 Acq: 9 Apr 2016 4:49

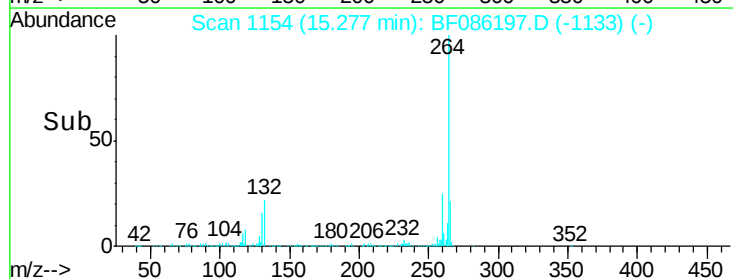
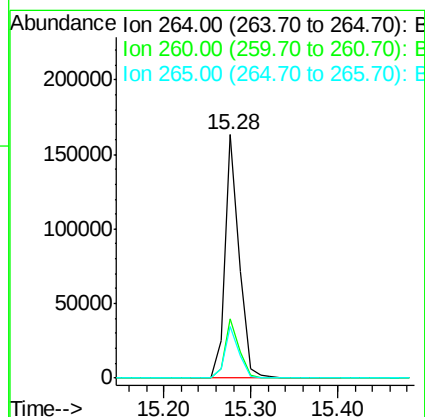
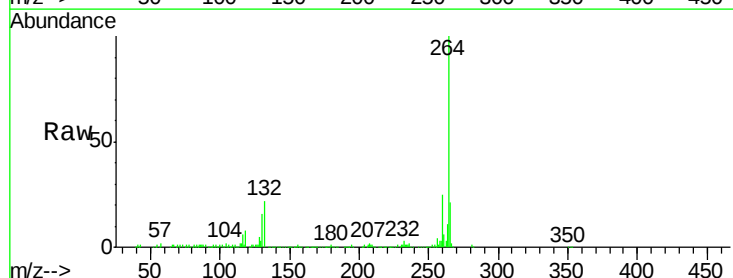
Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-36(0.5-20.0)MS

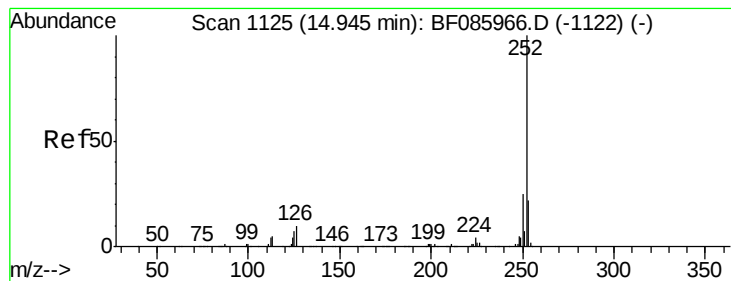
Tgt Ion:	276	Resp:	430865
Ion	Ratio	Lower	Upper
276	100		
138	30.0	24.2	36.4
277	25.5	20.0	30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.28 min Scan# 1154
 Delta R.T. -0.06 min
 Lab File: BF086197.D
 Acq: 9 Apr 2016 4:49

Tgt Ion:	264	Resp:	186630
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	21.1	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 81.89 ng

RT: 14.89 min Scan# 1120

Delta R.T. -0.06 min

Lab File: BF086197.D

Acq: 9 Apr 2016 4:49

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-36(0.5-20.0)MS

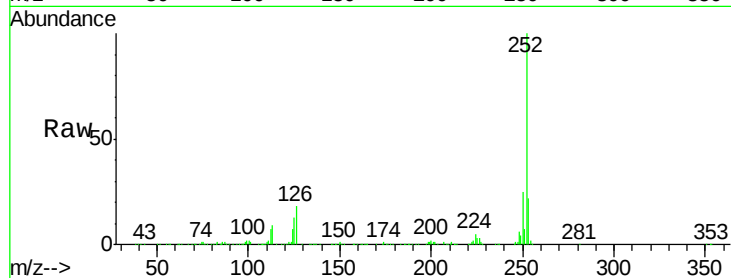
Tgt Ion:252 Resp: 961408

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

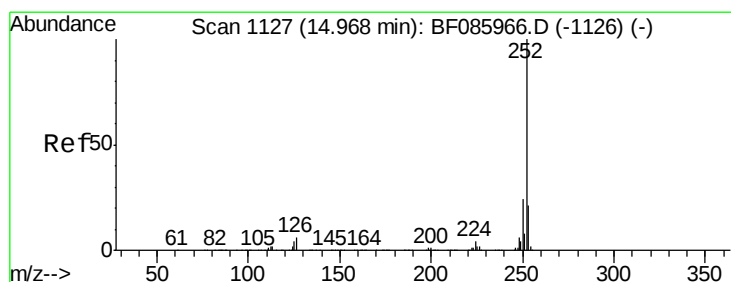
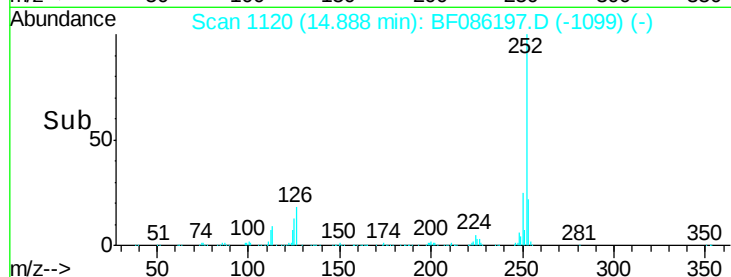
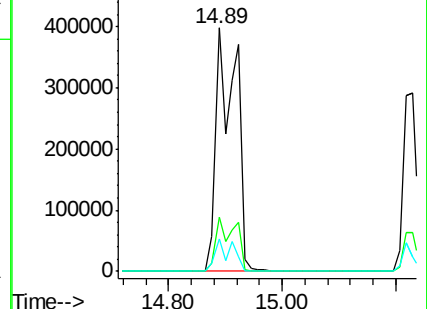
125 13.4 10.3 15.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 92.48 ng

RT: 14.89 min Scan# 1120

Delta R.T. -0.08 min

Lab File: BF086197.D

Acq: 9 Apr 2016 4:49

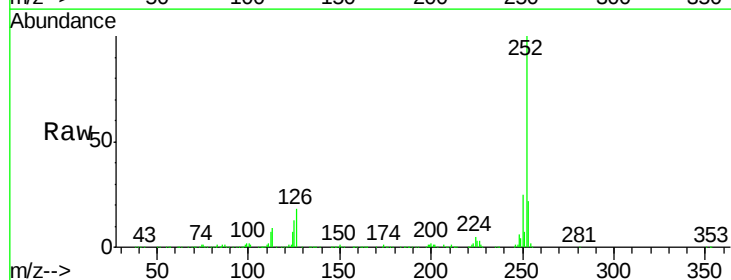
Tgt Ion:252 Resp: 961408

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

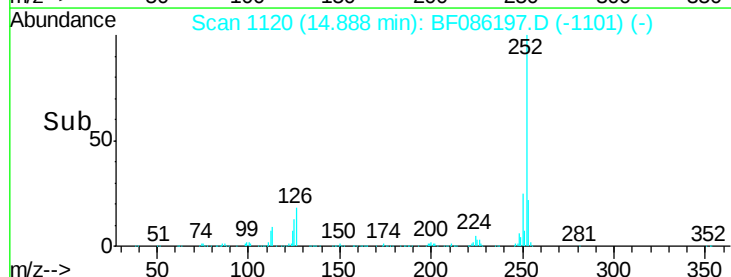
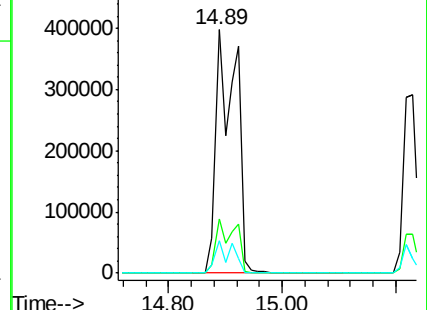
125 13.4 7.7 11.5#

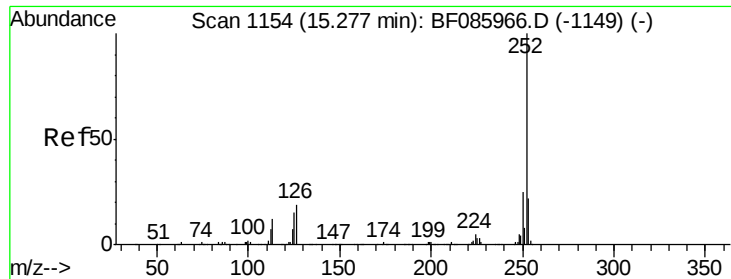


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 43.12 ng

RT: 15.23 min Scan# 1150

Delta R.T. -0.05 min

Lab File: BF086197.D

Acq: 9 Apr 2016 4:49

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-36(0.5-20.0)MS

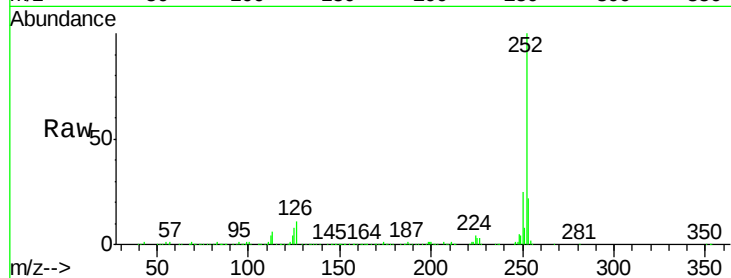
Tgt Ion:252 Resp: 448509

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.0

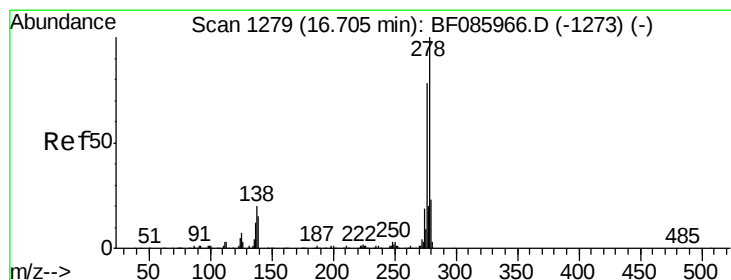
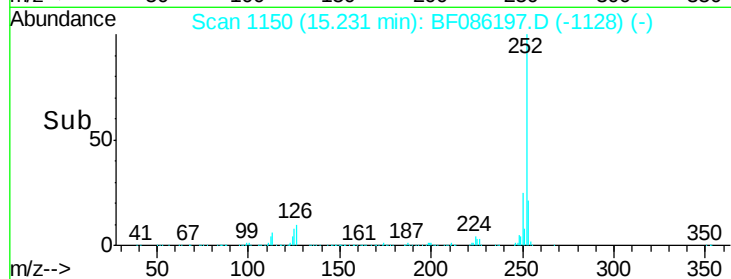
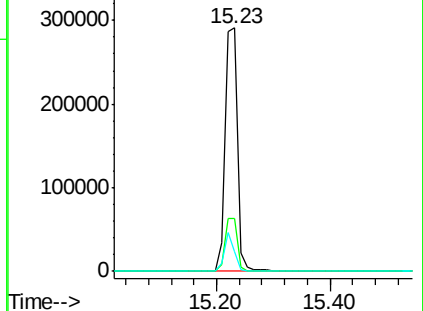
125 8.1 10.3 15.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 44.54 ng

RT: 16.63 min Scan# 1272

Delta R.T. -0.08 min

Lab File: BF086197.D

Acq: 9 Apr 2016 4:49

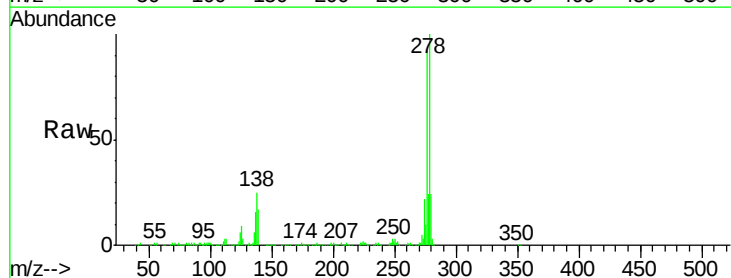
Tgt Ion:278 Resp: 372759

Ion Ratio Lower Upper

278 100

139 17.3 14.4 21.6

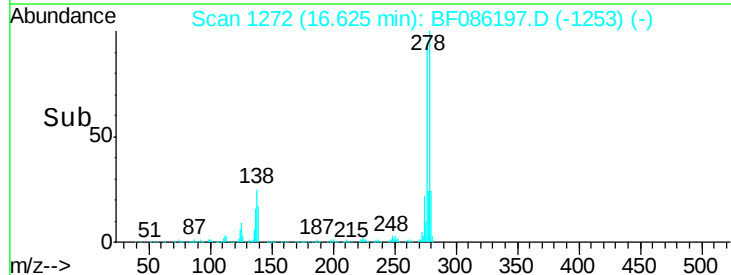
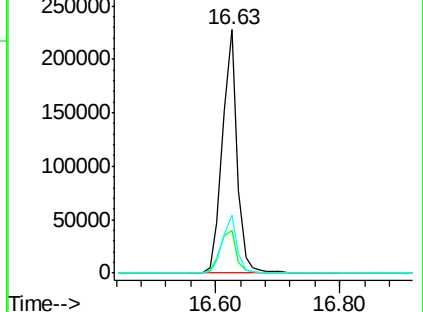
279 23.8 19.1 28.7

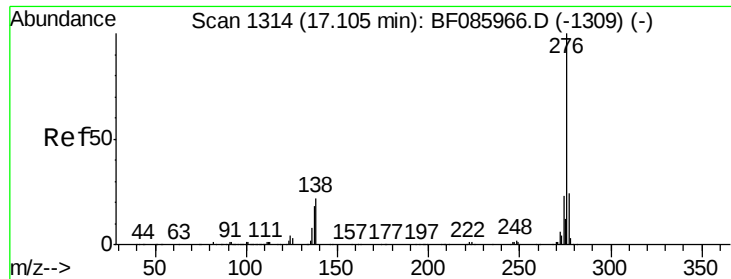


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 42.59 ng

RT: 17.01 min Scan# 1306

Delta R.T. -0.09 min

Lab File: BF086197.D

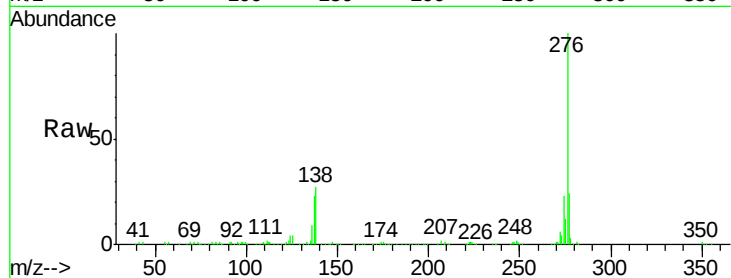
Acq: 9 Apr 2016 4:49

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-36(0.5-20.0)MS



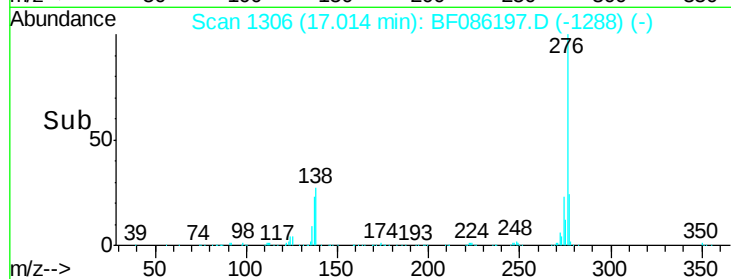
Tgt Ion: 276 Resp: 344974

Ion Ratio Lower Upper

276 100

277 23.8 18.8 28.2

138 27.0 22.6 34.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

