

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050916\
 Data File : BF086850.D
 Acq On : 10 May 2016 5:13
 Operator : UM/SJ
 Sample : H2707-08MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-AMBOY-SB09(0.5-6.0)M

Quant Time: May 10 05:46:49 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	154044	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	617659	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	292584	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	506453	20.00	ng	0.00
75) Chrysene-d12	13.84	240	286704	20.00	ng	0.00
86) Perylene-d12	15.21	264	298378	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	1204737	132.45	ng	0.01
7) Phenol-d6	6.36	99	1562771	128.55	ng	0.00
23) Nitrobenzene-d5	7.26	82	1154746	93.88	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	386854	124.89	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1516245	87.10	ng	0.00
78) Terphenyl-d14	12.78	244	1193505	88.32	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.25	88	159229	35.66	ng	# 69
3) Pyridine	2.92	79	437558	40.08	ng	# 68
4) n-Nitrosodimethylamine	2.88	42	371738	46.96	ng	# 49
6) Aniline	6.36	93	362091	24.63	ng	# 35
8) 2-Chlorophenol	6.49	128	520659	47.44	ng	96
9) Benzaldehyde	6.24	77	90748	12.89	ng	93
10) Phenol	6.37	94	703990	48.72	ng	73
11) bis(2-Chloroethyl)ether	6.44	93	529105	46.96	ng	91
12) 1,3-Dichlorobenzene	6.86	146	490110	41.26	ng	97
13) 1,4-Dichlorobenzene	6.86	146	494180	40.80	ng	96
14) 1,2-Dichlorobenzene	6.86	146	494670	46.86	ng	99
15) Benzyl Alcohol	6.85	79	442185	52.68	ng	88
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1022671	41.75	ng	56
17) 2-Methylphenol	6.98	107	430434	49.28	ng	# 82
18) Hexachloroethane	7.20	117	192383	42.21	ng	97
19) n-Nitroso-di-n-propylamine	7.13	70	443252	52.17	ng	# 77
20) 3+4-Methylphenols	7.14	107	566312	49.65	ng	# 58
22) Acetophenone	7.12	105	748082	51.28	ng	98
24) Nitrobenzene	7.29	77	640964	50.65	ng	99
25) Isophorone	7.53	82	1087159	47.63	ng	99
26) 2-Nitrophenol	7.61	139	275783	49.58	ng	94
27) 2,4-Dimethylphenol	7.65	122	412950	43.58	ng	88
28) bis(2-Chloroethoxy)methane	7.74	93	695108	56.46	ng	98
29) 2,4-Dichlorophenol	7.86	162	424014	50.84	ng	93
30) 1,2,4-Trichlorobenzene	7.93	180	457654	49.08	ng	99
31) Naphthalene	8.00	128	1455978	47.06	ng	99
32) Benzoic acid	7.77	122	47242	8.49	ng	88
33) 4-Chloroaniline	8.06	127	234764	19.53	ng	# 94
34) Hexachlorobutadiene	8.12	225	258530	47.79	ng	99
35) Caprolactam	8.45	113	96482	34.00	ng	# 62
36) 4-Chloro-3-methylphenol	8.57	107	478508	47.31	ng	91
37) 2-Methylnaphthalene	8.69	142	962676	53.23	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	397951	46.78	ng	100
40) Hexachlorocyclopentadiene	8.84	237	210994	52.26	ng	97

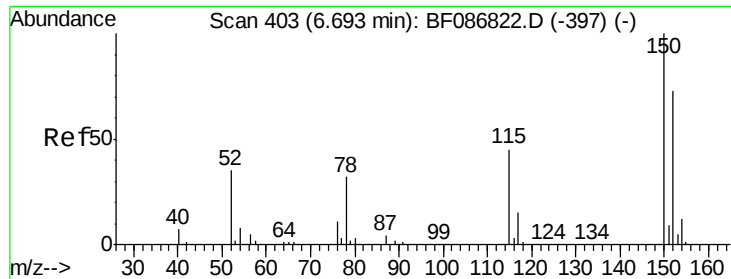
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050916\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	274215	48.21	ng	96
43) 2,4,5-Trichlorophenol	9.04	196	283797	48.24	ng	92
45) 1,1'-Biphenyl	9.16	154	1210800	52.03	ng	98
46) 2-Chloronaphthalene	9.18	162	909420	49.88	ng	99
47) 2-Nitroaniline	9.29	65	327597	49.16	ng	# 75
48) Acenaphthylene	9.60	152	1361185	50.76	ng	99
49) Dimethylphthalate	9.47	163	1162310	52.07	ng	99
50) 2,6-Dinitrotoluene	9.53	165	224166	47.72	ng	# 66
51) Acenaphthene	9.77	154	858167	51.44	ng	98
52) 3-Nitroaniline	9.70	138	154318	31.20	ng	# 80
53) 2,4-Dinitrophenol	9.81	184	101372	45.86	ng	# 85
54) Dibenzofuran	9.94	168	1183882	55.28	ng	97
55) 4-Nitrophenol	9.89	139	325053	97.51	ng	# 65
56) 2,4-Dinitrotoluene	9.94	165	292296	50.28	ng	87
57) Fluorene	10.28	166	918743	50.30	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	245569	55.45	ng	98
59) Diethylphthalate	10.17	149	1074474	49.40	ng	97
60) 4-Chlorophenyl-phenylether	10.27	204	385897	49.89	ng	98
61) 4-Nitroaniline	10.32	138	210998	44.42	ng	# 72
62) Azobenzene	10.43	77	1179950	50.28	ng	87
64) 4,6-Dinitro-2-methylphenol	10.34	198	108227	34.40	ng	# 36
65) n-Nitrosodiphenylamine	10.40	169	789321	50.73	ng	99
66) 4-Bromophenyl-phenylether	10.76	248	271356	52.85	ng	# 83
67) Hexachlorobenzene	10.82	284	272008	45.33	ng	# 73
68) Atrazine	10.93	200	286291	55.08	ng	96
69) Pentachlorophenol	11.02	266	272907	98.40	ng	98
70) Phenanthrene	11.23	178	1161602	42.98	ng	100
71) Anthracene	11.29	178	1369667	49.55	ng	100
72) Carbazole	11.45	167	1210727	50.95	ng	99
73) Di-n-butylphthalate	11.78	149	1496084	51.56	ng	# 99
74) Fluoranthene	12.41	202	1078144	38.78	ng	100
76) Benzidine	12.54	184	150445	20.58	ng	95
77) Pyrene	12.64	202	1034555	47.13	ng	100
79) Butylbenzylphthalate	13.26	149	509687	54.90	ng	# 75
80) Benzo(a)anthracene	13.83	228	750135	46.61	ng	99
81) 3,3'-Dichlorobenzidine	13.79	252	219964	21.51	ng	99
82) Chrysene	13.86	228	779722	47.63	ng	99
83) Bis(2-ethylhexyl)phthalate	13.83	149	668963	59.90	ng	98
84) Di-n-octyl phthalate	14.43	149	1005089	54.33	ng	# 84
85) Indeno(1,2,3-cd)pyrene	16.50	276	868149	63.73	ng	95
87) Benzo(b)fluoranthene	14.85	252	1570551	80.99	ng	97
88) Benzo(k)fluoranthene	14.85	252	1570551	98.91	ng	99
89) Benzo(a)pyrene	15.15	252	766836	45.85	ng	97
90) Dibenzo(a,h)anthracene	16.51	278	728288	51.66	ng	97
91) Benzo(g,h,i)perylene	16.89	276	694013	48.45	ng	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.00 min

Lab File: BF086850.D

Acq: 10 May 2016 5:13

Instrument :

BNA_F

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RICHMOND-AMBOY-SB09(0.5-6.0)M

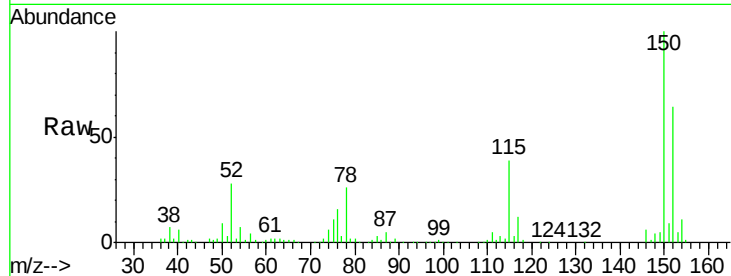
Tgt Ion:152 Resp: 154044

Ion Ratio Lower Upper

152 100

150 156.3 125.8 188.6

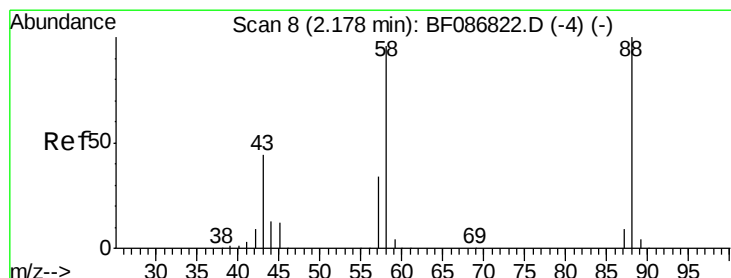
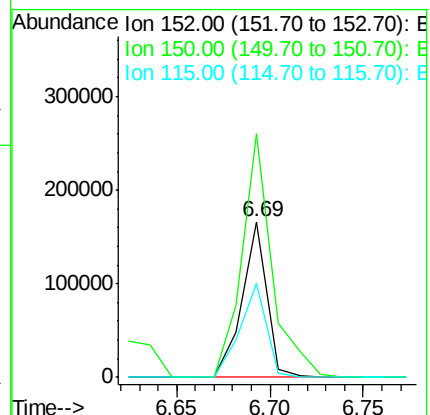
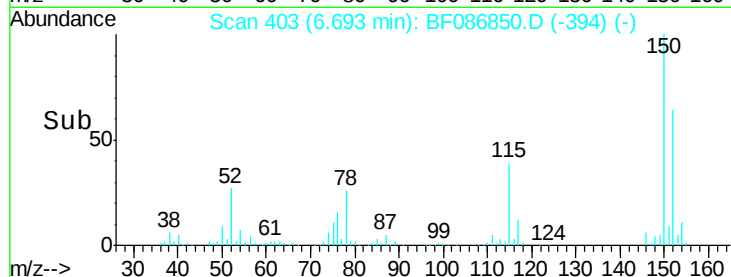
115 60.2 51.5 77.3



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: 35.66 ng

RT: 2.25 min Scan# 14

Delta R.T. 0.07 min

Lab File: BF086850.D

Acq: 10 May 2016 5:13

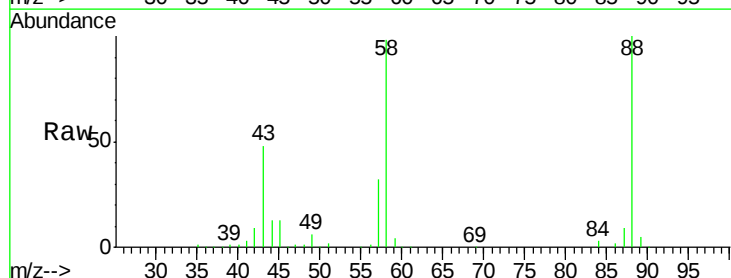
Tgt Ion: 88 Resp: 159229

Ion Ratio Lower Upper

88 100

58 98.8 59.6 89.4#

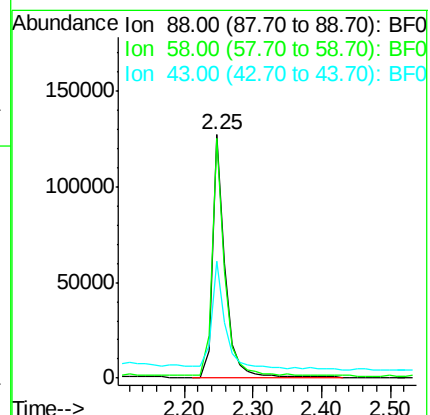
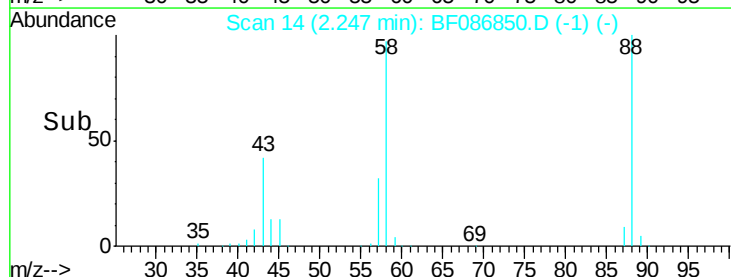
43 47.5 21.8 32.6#

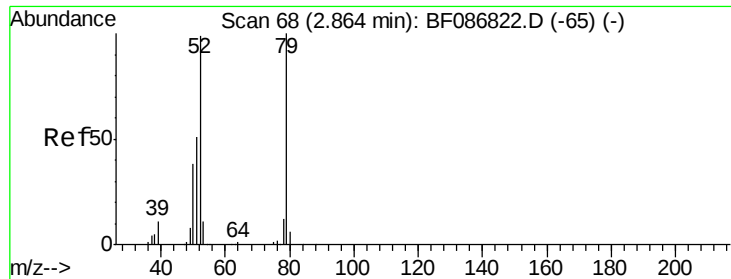


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 40.08 ng

RT: 2.92 min Scan# 73

Delta R.T. 0.06 min

Lab File: BF086850.D

Acq: 10 May 2016 5:13

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

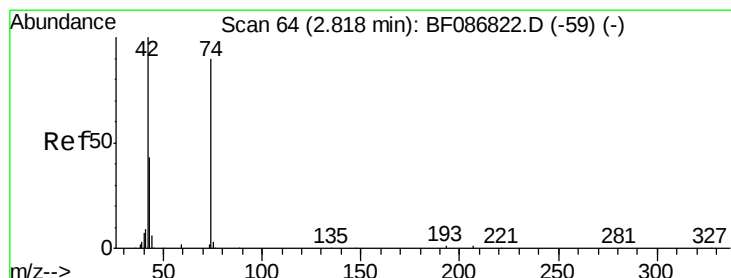
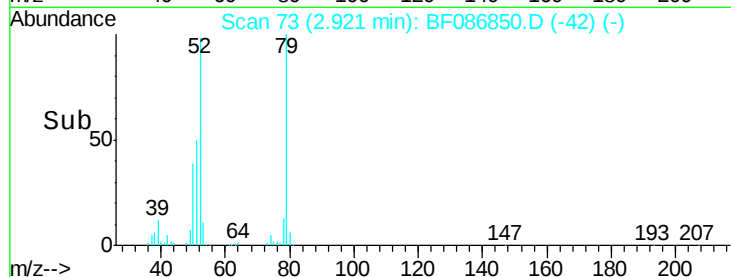
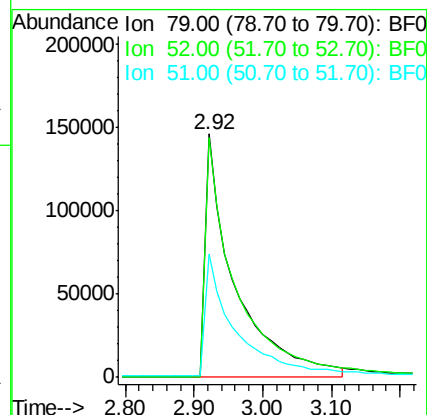
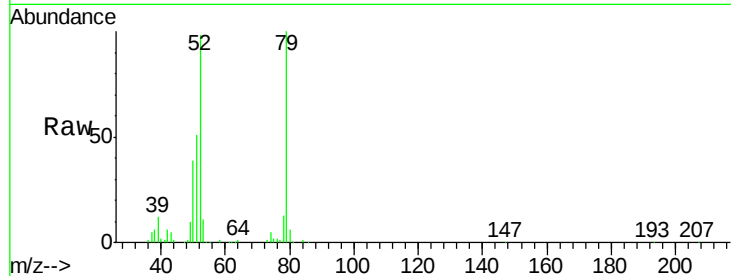
Tgt Ion: 79 Resp: 437558

Ion Ratio Lower Upper

79 100

52 98.3 55.9 83.9#

51 50.7 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 46.96 ng

RT: 2.88 min Scan# 69

Delta R.T. 0.06 min

Lab File: BF086850.D

Acq: 10 May 2016 5:13

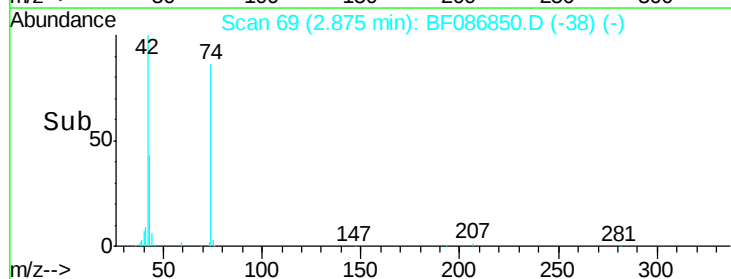
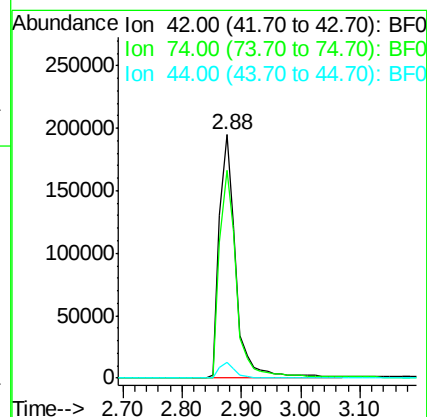
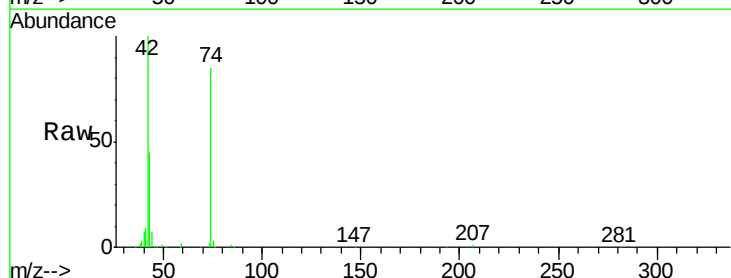
Tgt Ion: 42 Resp: 371738

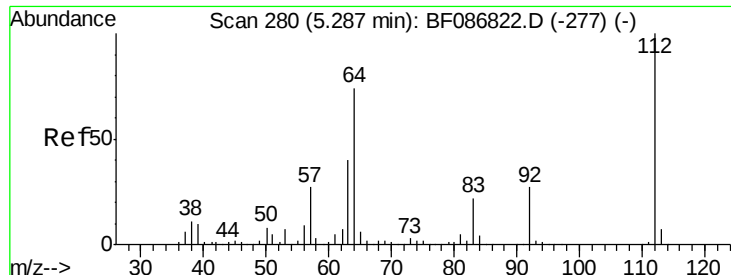
Ion Ratio Lower Upper

42 100

74 85.5 123.4 185.0#

44 6.6 5.8 8.6





#5

2-Fluorophenol

Concen: 132.45 ng

RT: 5.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: BF086850.D

Acq: 10 May 2016 5:13

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ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

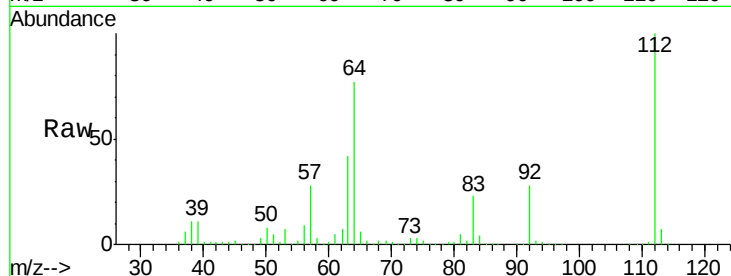
Tgt Ion: 112 Resp: 1204737

Ion Ratio Lower Upper

112 100

64 76.9 52.1 78.1

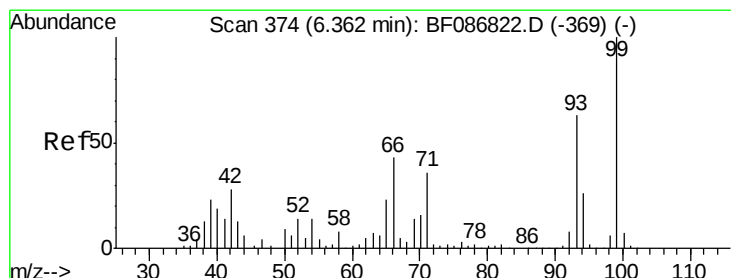
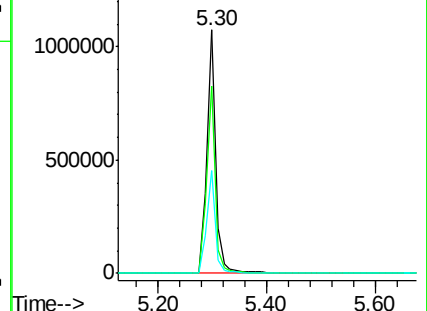
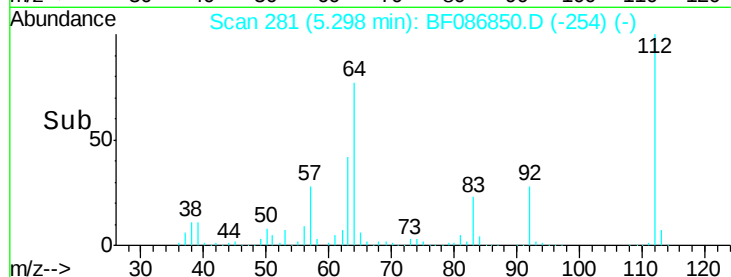
63 42.2 25.7 38.5#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 24.63 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.00 min

Lab File: BF086850.D

Acq: 10 May 2016 5:13

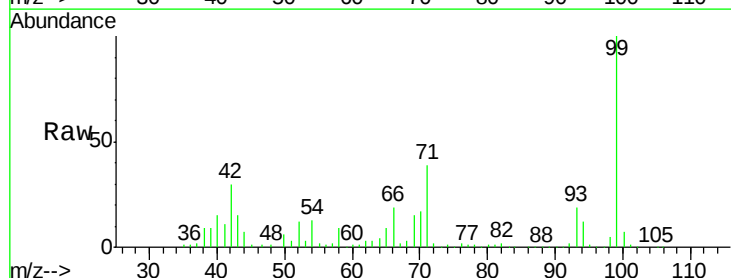
Tgt Ion: 93 Resp: 362091

Ion Ratio Lower Upper

93 100

66 100.6 39.0 58.6#

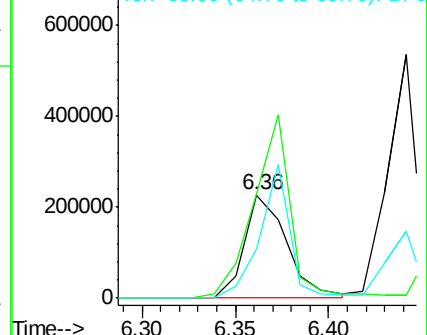
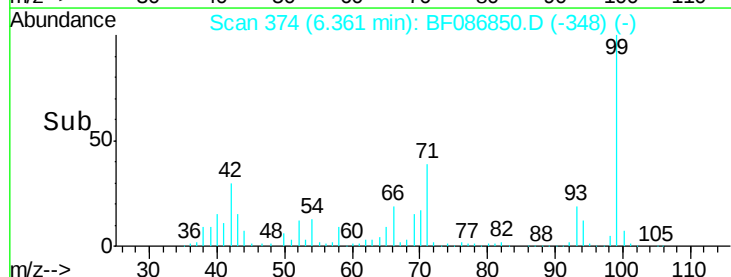
65 47.8 20.6 31.0#

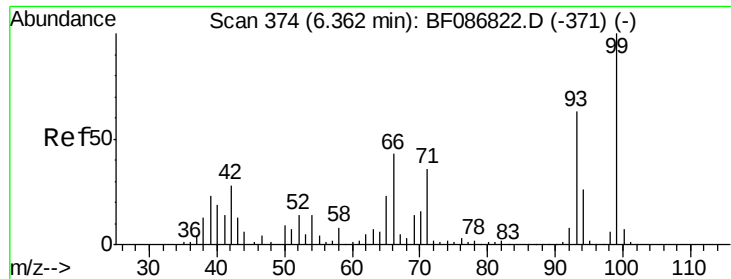


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 128.55 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.00 min

Lab File: BF086850.D

Acq: 10 May 2016 5:13

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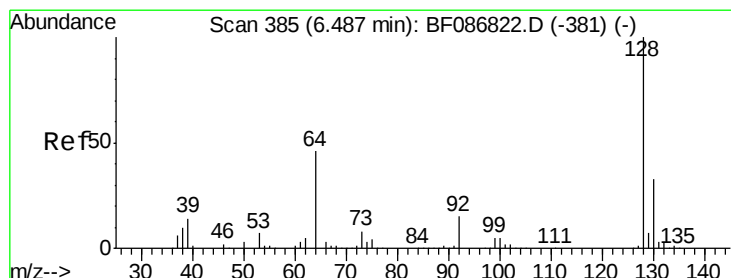
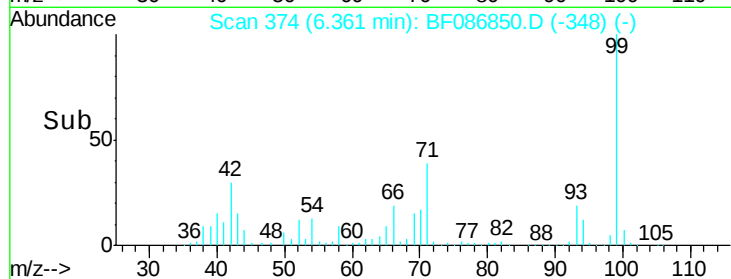
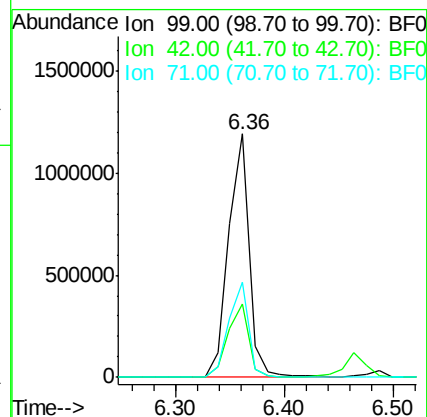
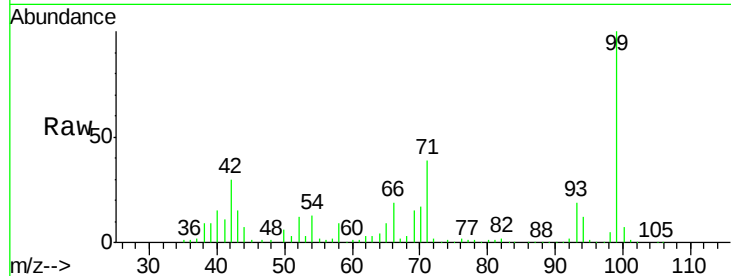
Tgt Ion: 99 Resp: 1562771

Ion Ratio Lower Upper

99 100

42 30.2 13.6 20.4#

71 39.3 24.6 36.8#



#8

2-Chlorophenol

Concen: 47.44 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF086850.D

Acq: 10 May 2016 5:13

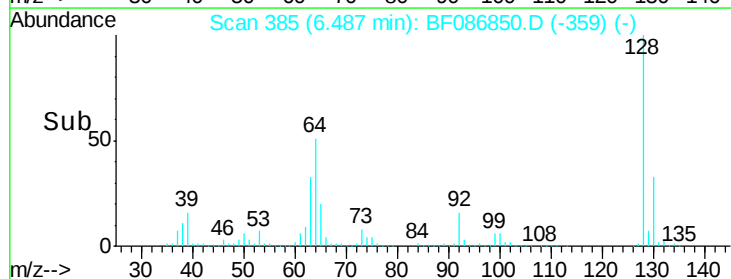
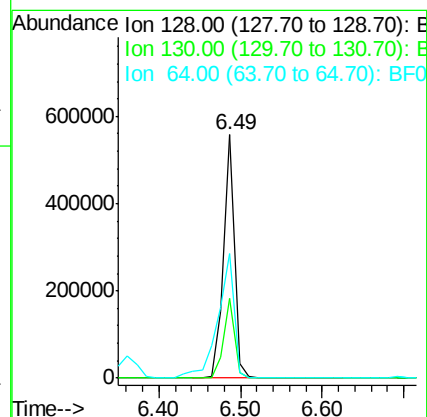
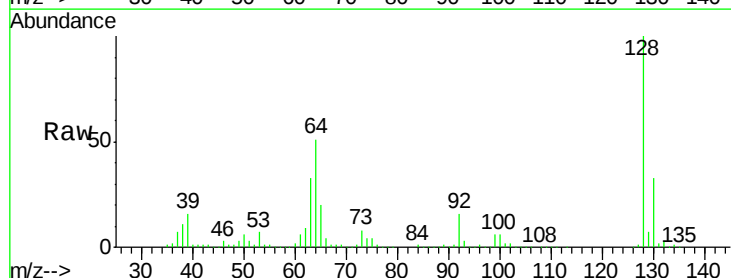
Tgt Ion: 128 Resp: 520659

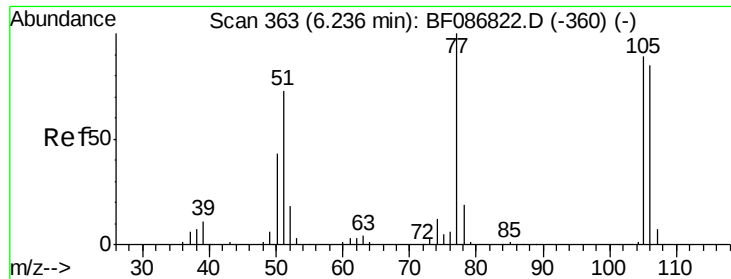
Ion Ratio Lower Upper

128 100

130 33.0 12.5 52.5

64 51.0 27.3 67.3





#9

Benzaldehyde

Concen: 12.89 ng

RT: 6.24 min Scan# 363

Delta R.T. -0.00 min

Lab File: BF086850.D

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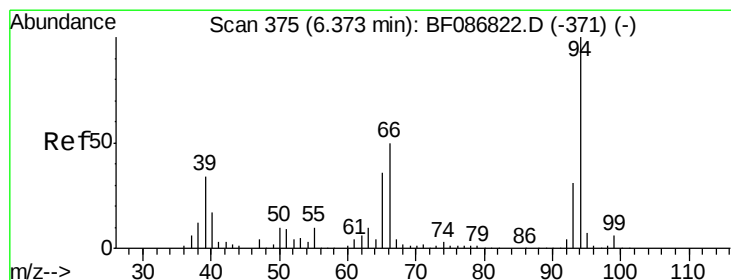
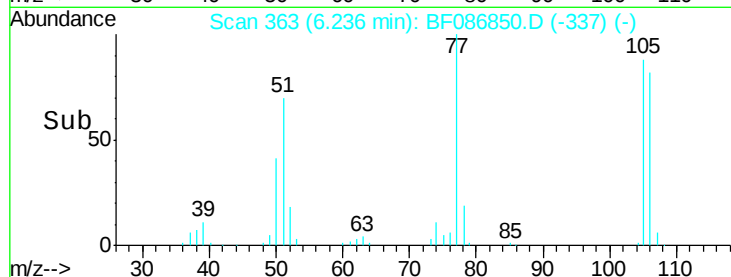
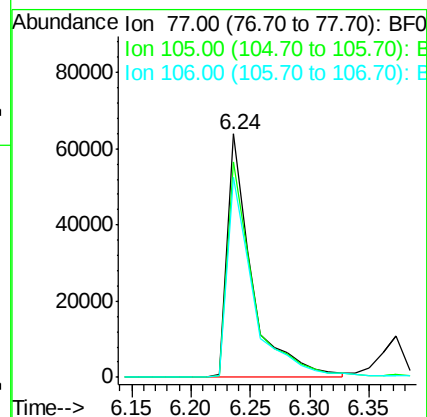
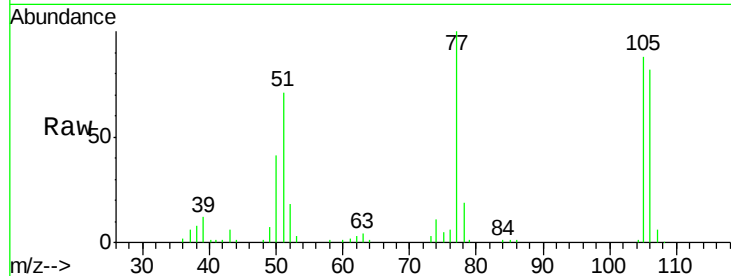
Tgt Ion: 77 Resp: 90748

Ion Ratio Lower Upper

77 100

105 88.5 72.7 112.7

106 81.9 70.8 110.8



#10

Phenol

Concen: 48.72 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF086850.D

Acq: 10 May 2016 5:13

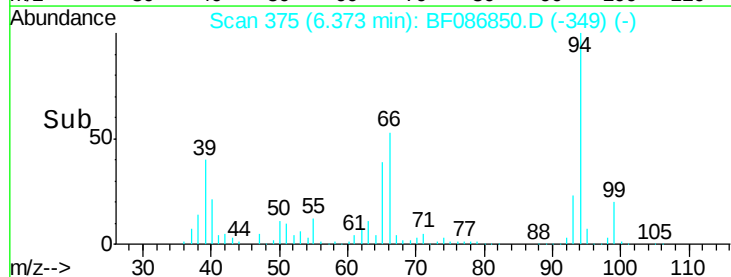
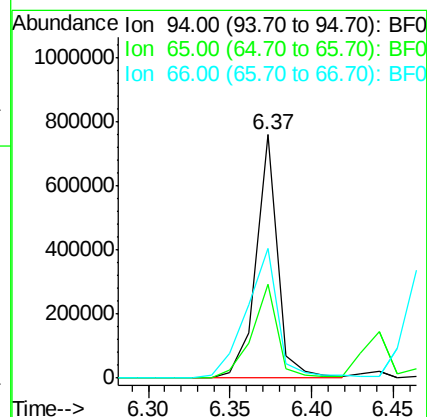
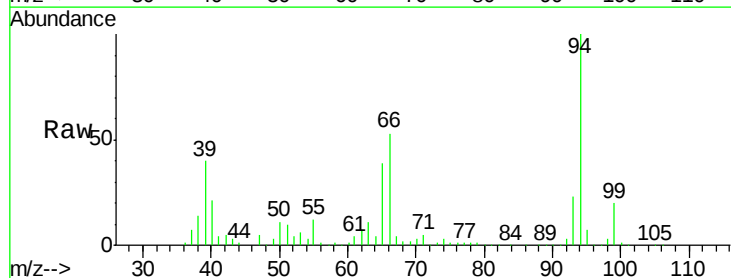
Tgt Ion: 94 Resp: 703990

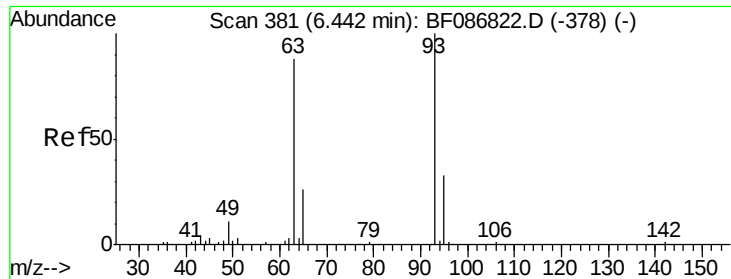
Ion Ratio Lower Upper

94 100

65 38.7 7.2 47.2

66 53.2 14.9 54.9





#11

bis(2-Chloroethyl)ether

Concen: 46.96 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF086850.D

Acq: 10 May 2016 5:13

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

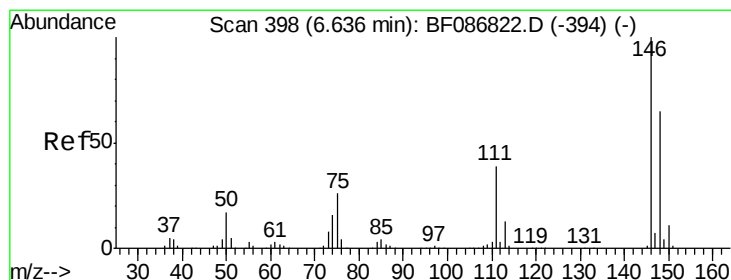
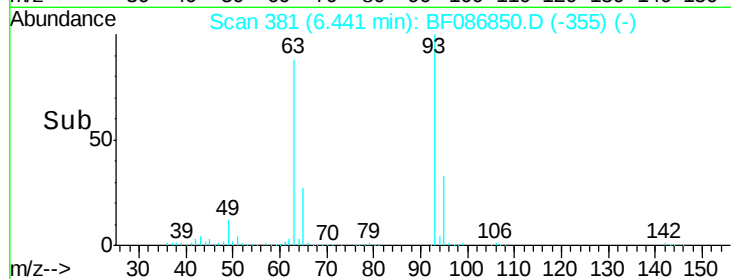
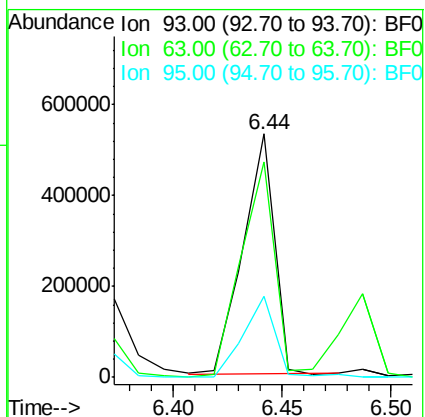
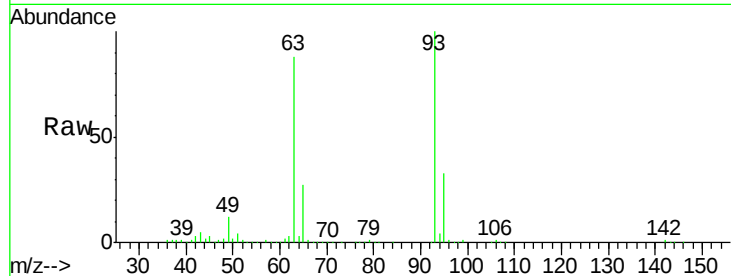
Tgt Ion: 93 Resp: 529105

Ion Ratio Lower Upper

93 100

63 88.4 58.0 98.0

95 33.1 11.9 51.9



#12

1,3-Dichlorobenzene

Concen: 41.26 ng

RT: 6.86 min Scan# 418

Delta R.T. 0.23 min

Lab File: BF086850.D

Acq: 10 May 2016 5:13

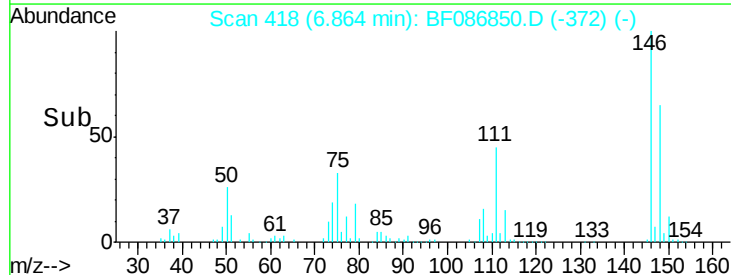
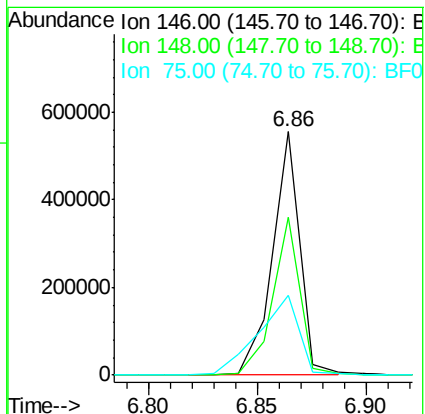
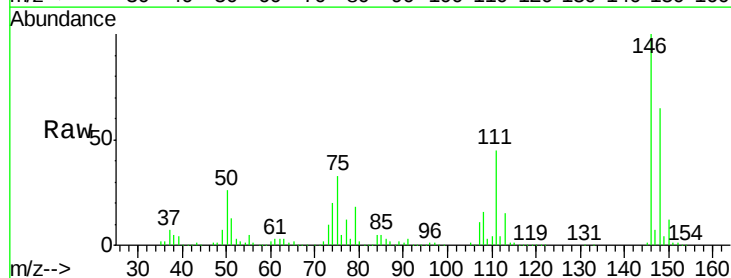
Tgt Ion: 146 Resp: 490110

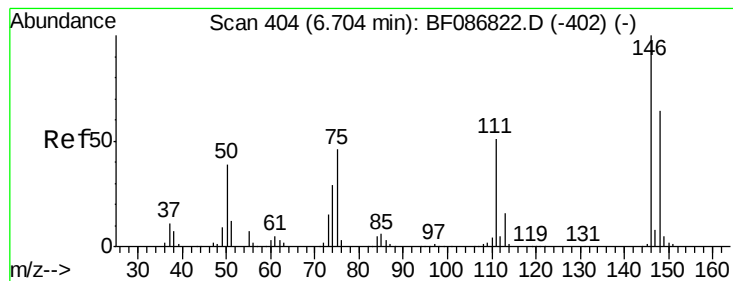
Ion Ratio Lower Upper

146 100

148 64.7 52.4 78.6

75 32.8 22.8 34.2





#13

1,4-Dichlorobenzene

Concen: 40.80 ng

RT: 6.86 min Scan# 418

Delta R.T. 0.16 min

Lab File: BF086850.D

Acq: 10 May 2016 5:13

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

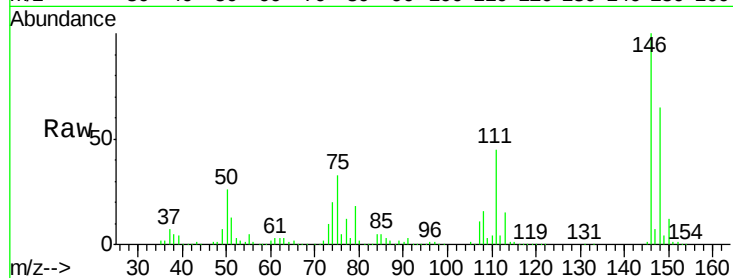
Tgt Ion:146 Resp: 494180

Ion Ratio Lower Upper

146 100

148 64.7 52.2 78.4

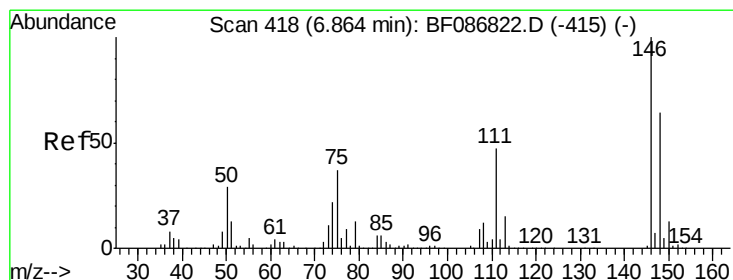
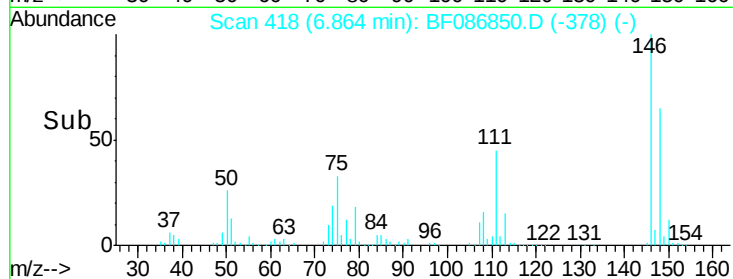
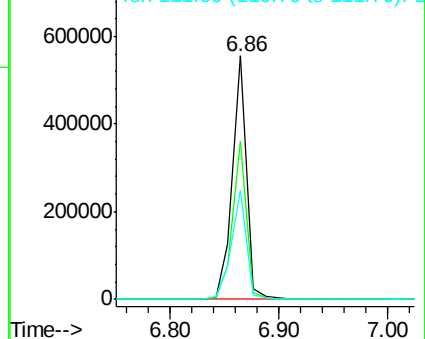
111 45.0 30.7 46.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 46.86 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF086850.D

Acq: 10 May 2016 5:13

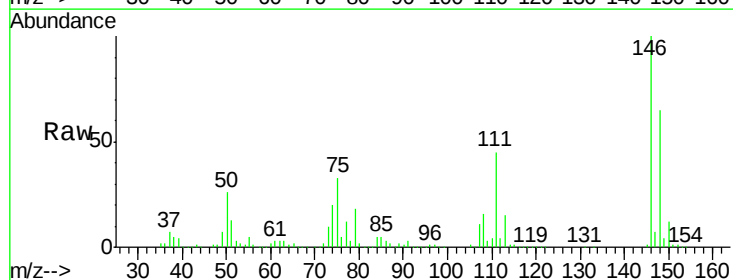
Tgt Ion:146 Resp: 494670

Ion Ratio Lower Upper

146 100

148 64.7 51.0 76.6

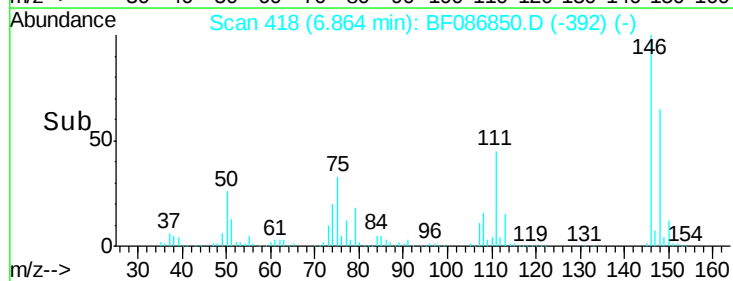
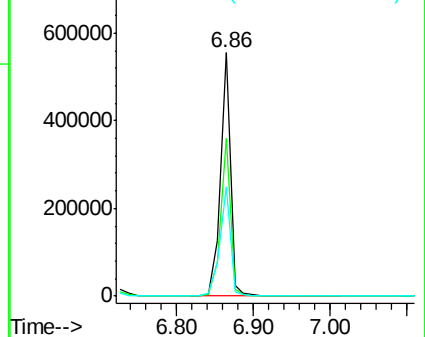
111 45.0 36.2 54.4

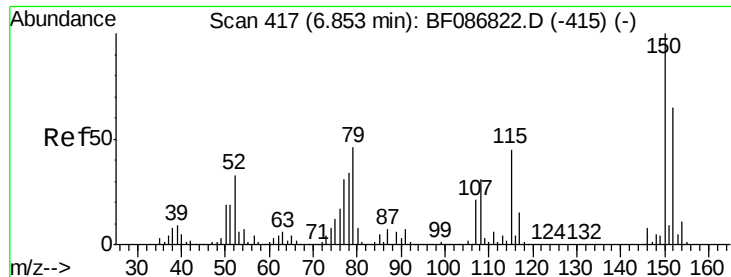


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

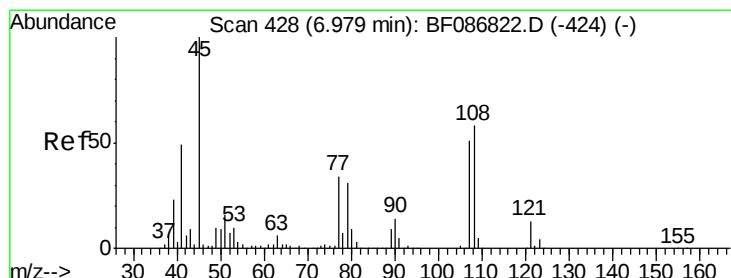
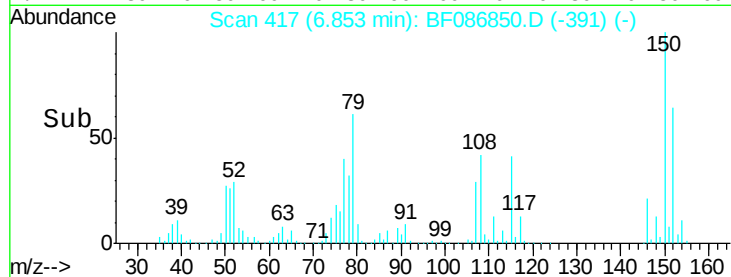
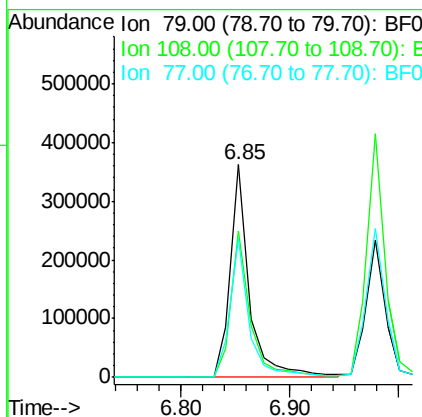
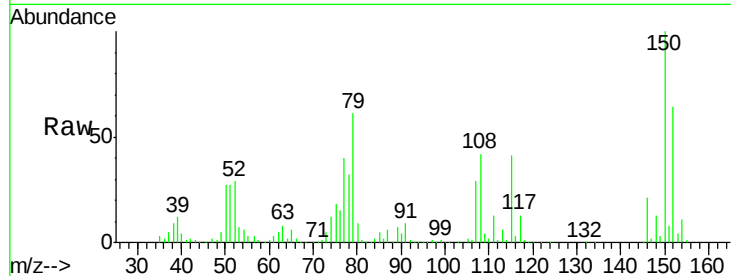




#15
Benzyl Alcohol
Concen: 52.68 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

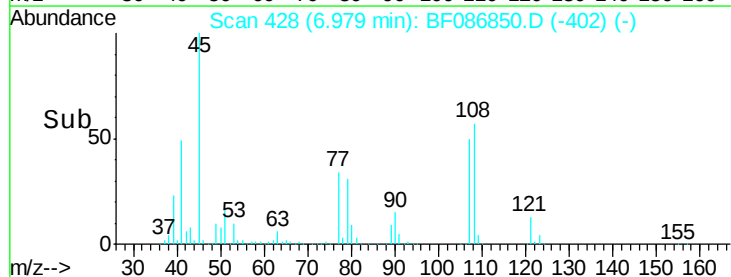
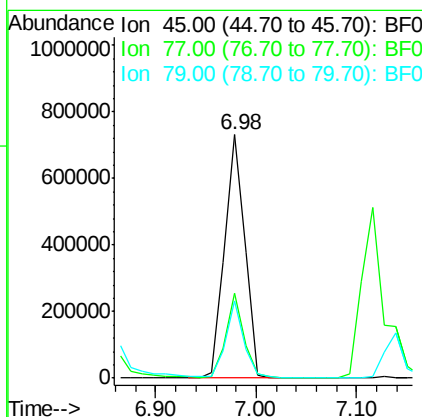
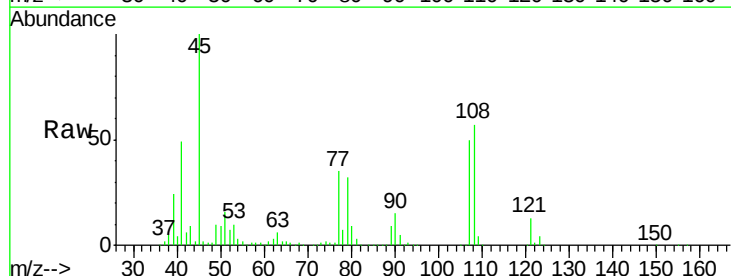
Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

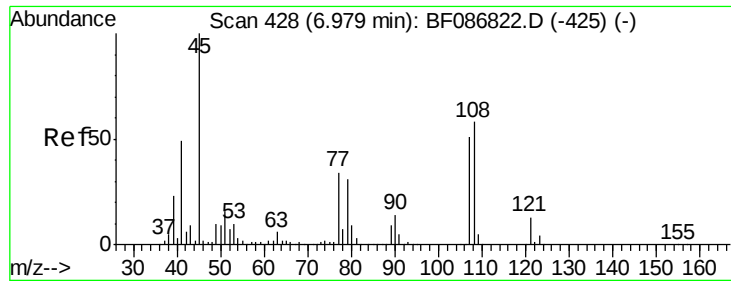
Tgt Ion: 79 Resp: 442185
Ion Ratio Lower Upper
79 100
108 68.9 68.4 102.6
77 65.3 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.75 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion: 45 Resp: 1022671
Ion Ratio Lower Upper
45 100
77 34.8 0.0 36.4
79 31.8 0.0 33.4





#17

2-Methylphenol

Concen: 49.28 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF086850.D

Acq: 10 May 2016 5:13

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

Tgt Ion:107 Resp: 430434

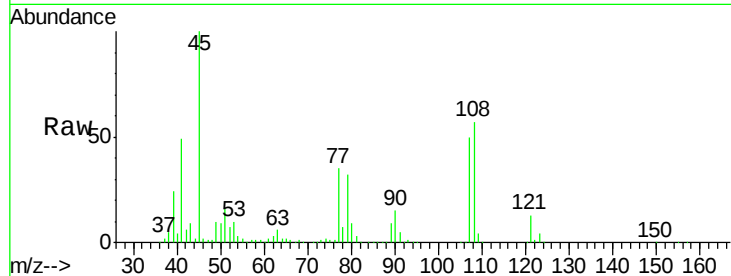
Ion Ratio Lower Upper

107 100

108 114.2 93.7 140.5

77 70.1 33.4 50.0#

79 64.2 34.3 51.5#

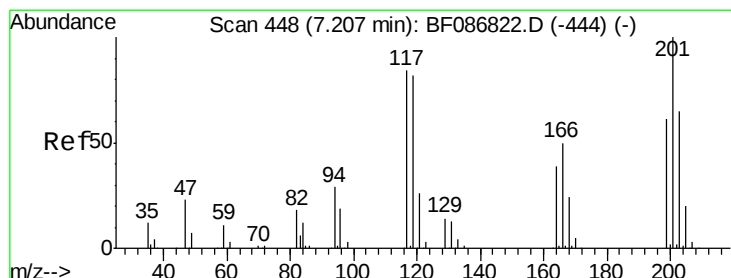
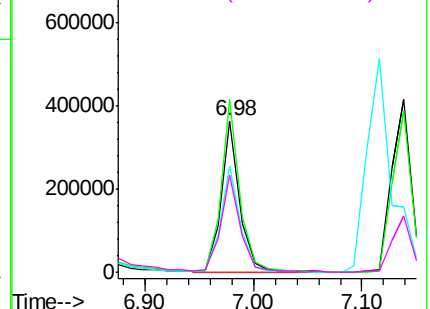
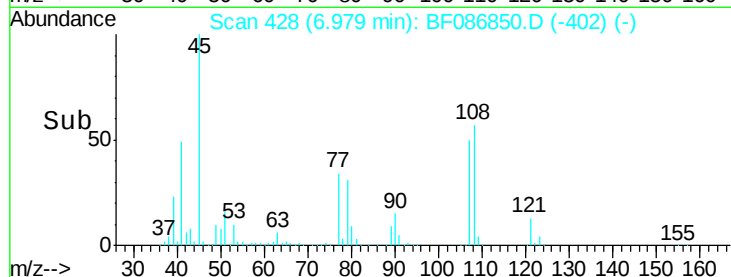


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 42.21 ng

RT: 7.20 min Scan# 447

Delta R.T. -0.01 min

Lab File: BF086850.D

Acq: 10 May 2016 5:13

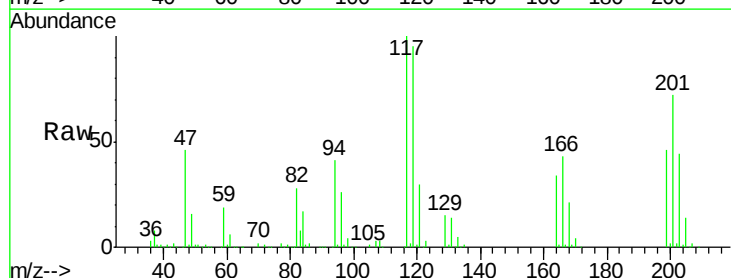
Tgt Ion:117 Resp: 192383

Ion Ratio Lower Upper

117 100

119 95.4 76.5 114.7

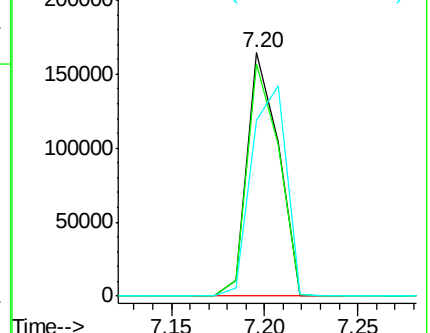
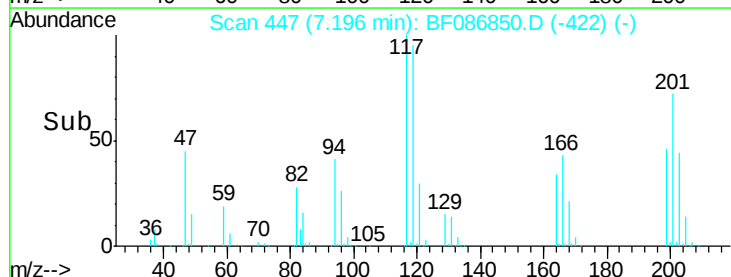
201 72.3 63.0 94.6

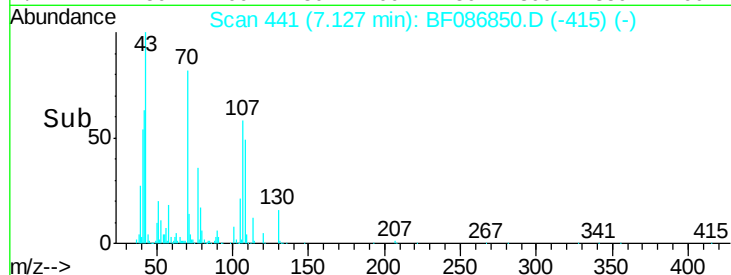
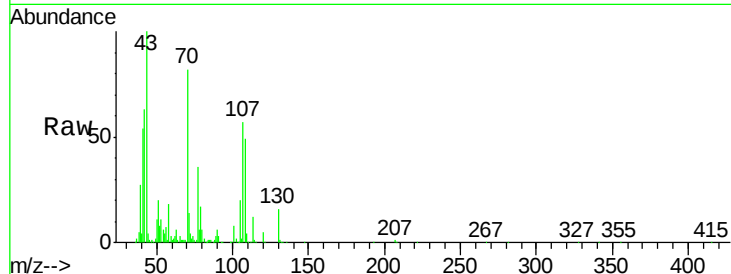
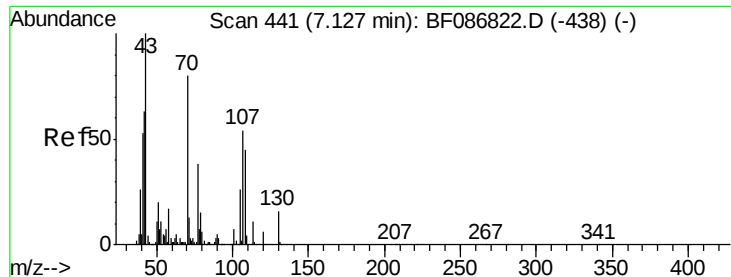


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

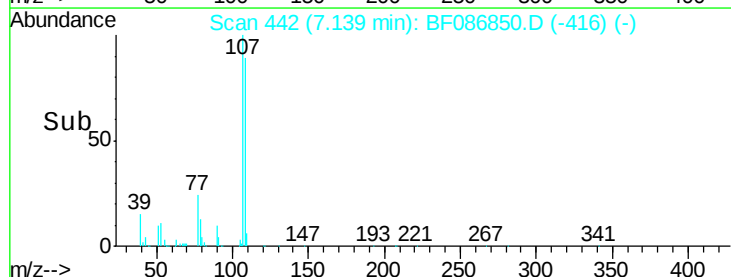
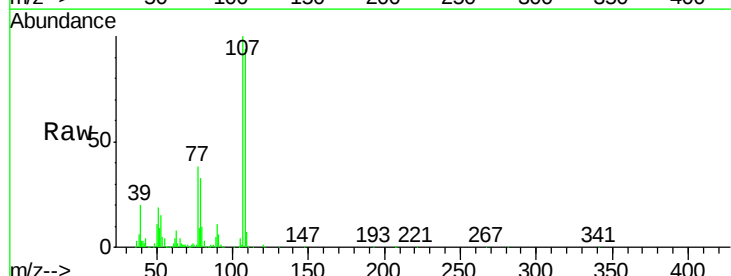
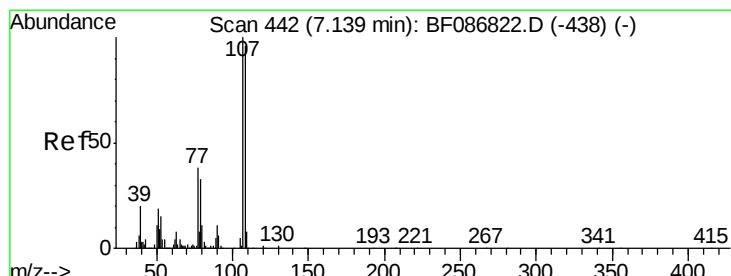
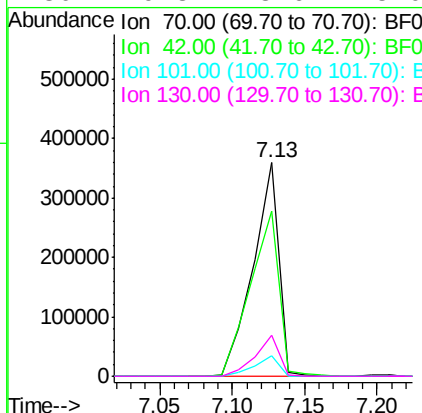




#19
n-Nitroso-di-n-propylamine
Concen: 52.17 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

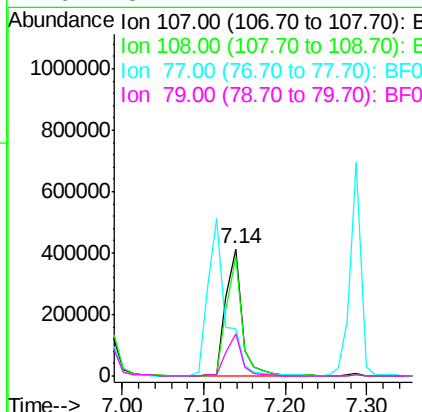
Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

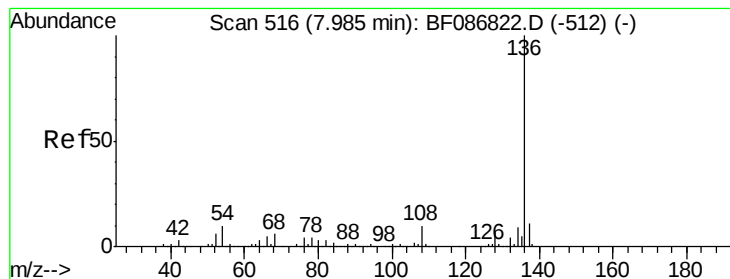
Tgt Ion: 70 Resp: 443252
Ion Ratio Lower Upper
70 100
42 77.4 43.1 64.7#
101 9.3 8.1 12.1
130 19.3 18.6 28.0



#20
3+4-Methylphenols
Concen: 49.65 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion: 107 Resp: 566312
Ion Ratio Lower Upper
107 100
108 93.8 68.5 108.5
77 37.5 101.6 141.6#
79 32.7 7.4 47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF086850.D

Acq: 10 May 2016 5:13

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

Tgt Ion:136 Resp: 617659

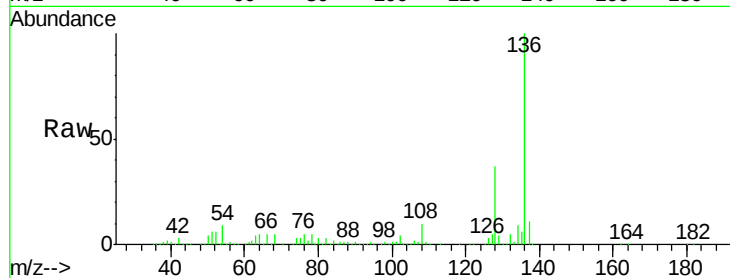
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 8.6 5.0 7.4#

68 5.1 4.4 6.6

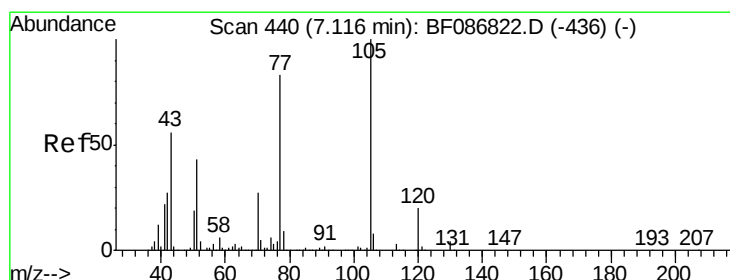
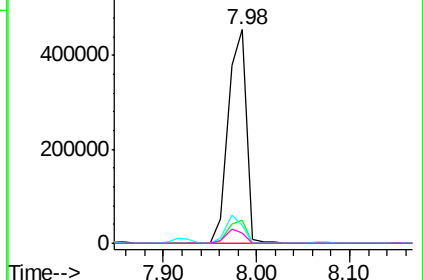
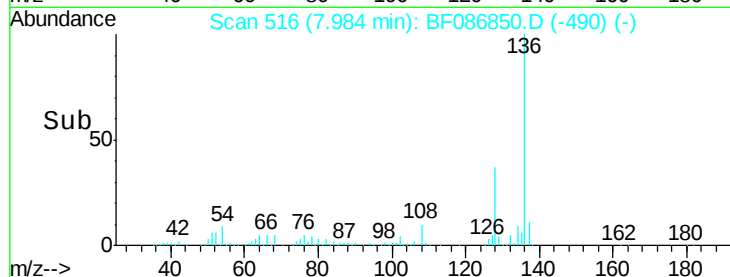


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 51.28 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF086850.D

Acq: 10 May 2016 5:13

Tgt Ion:105 Resp: 748082

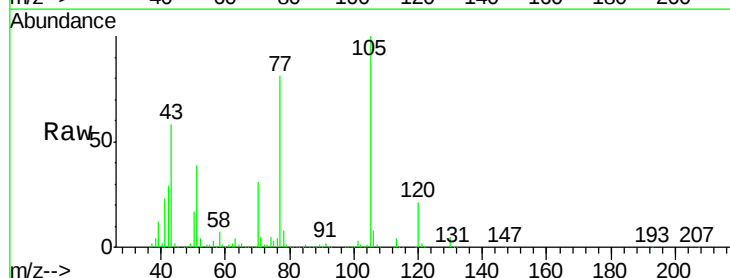
Ion Ratio Lower Upper

105 100

71 5.2 4.8 7.2

51 39.4 32.6 49.0

120 21.0 16.5 24.7

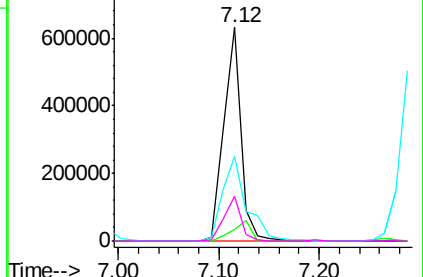
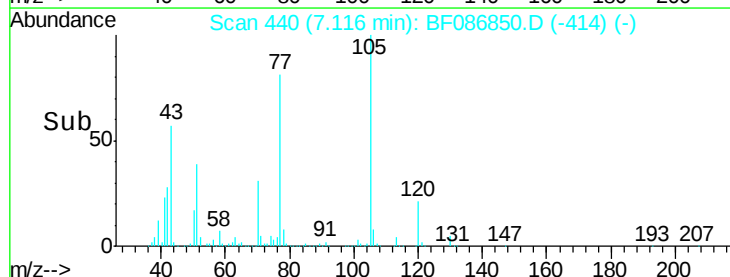


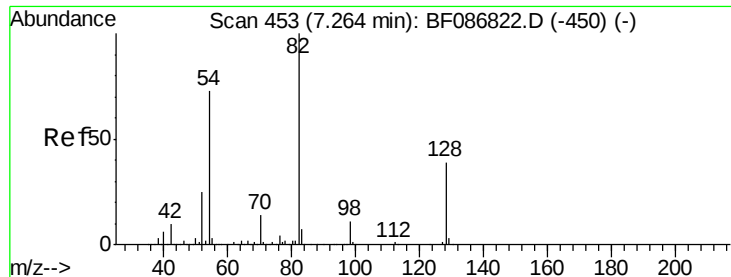
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

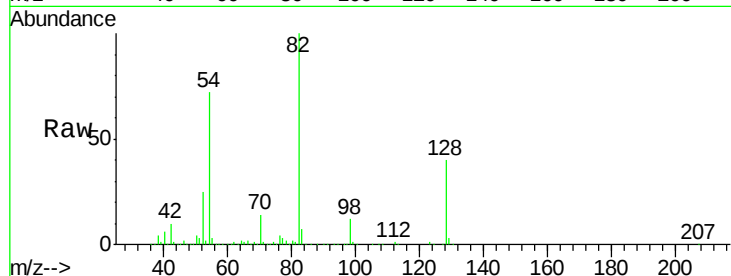




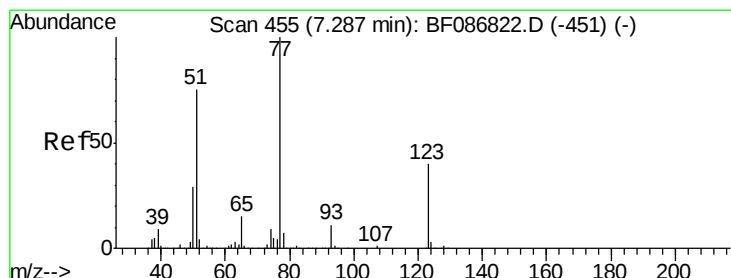
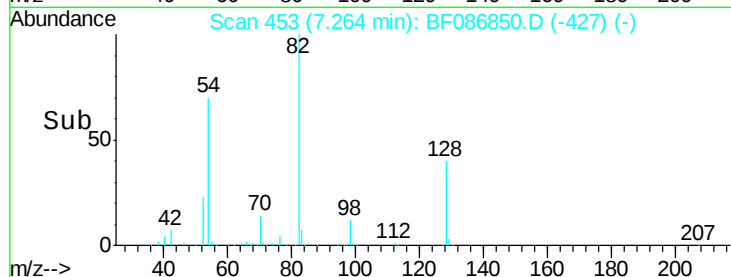
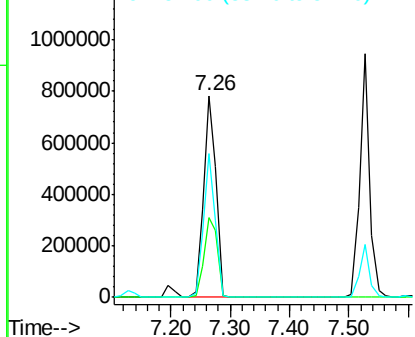
#23
Nitrobenzene-d5
Concen: 93.88 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

Tgt Ion: 82 Resp: 1154746
Ion Ratio Lower Upper
82 100
128 39.6 40.6 61.0#
54 71.5 38.1 57.1#

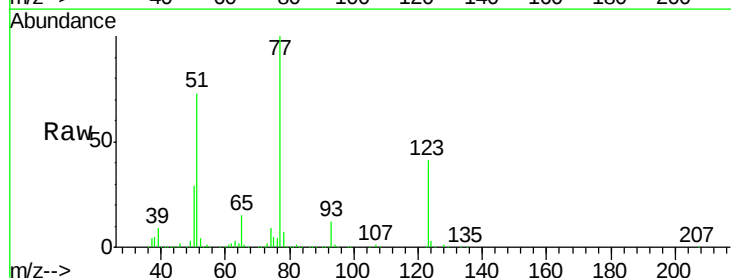


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

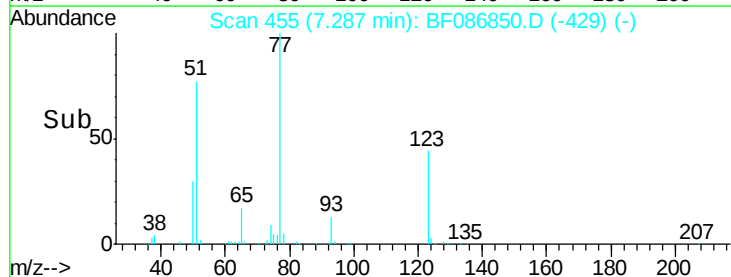
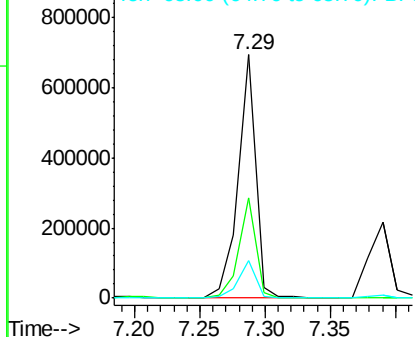


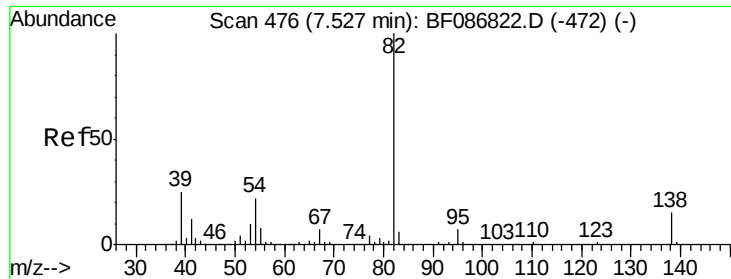
#24
Nitrobenzene
Concen: 50.65 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion: 77 Resp: 640964
Ion Ratio Lower Upper
77 100
123 41.3 33.0 49.4
65 15.2 10.8 16.2



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

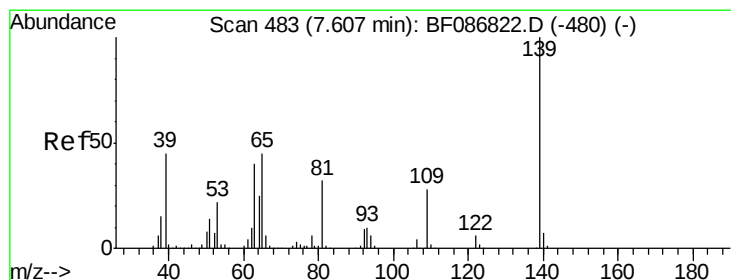
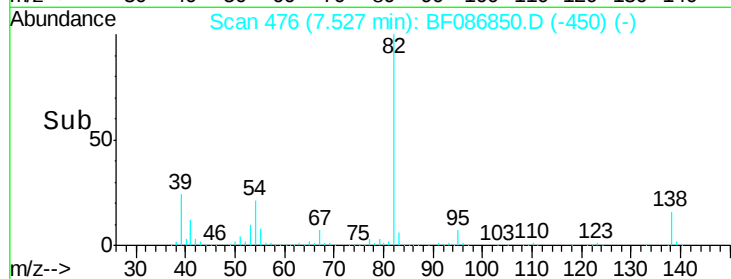
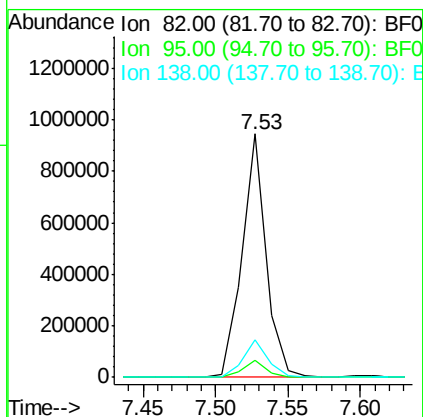
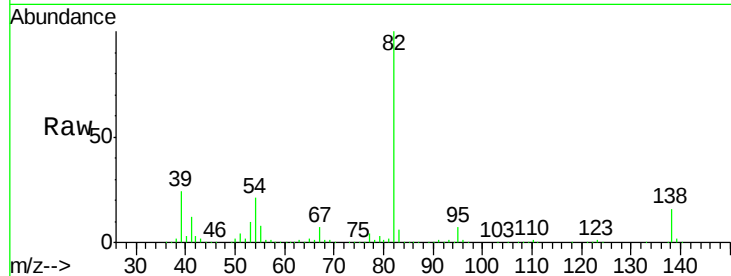




#25
Isophorone
Concen: 47.63 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

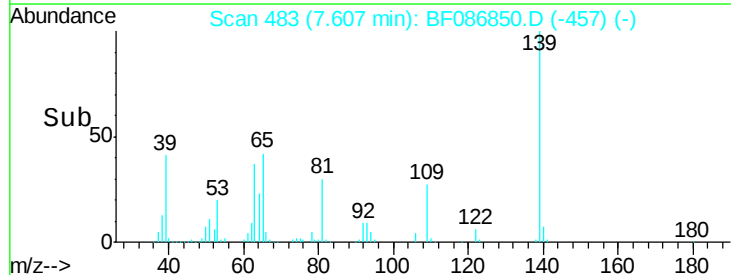
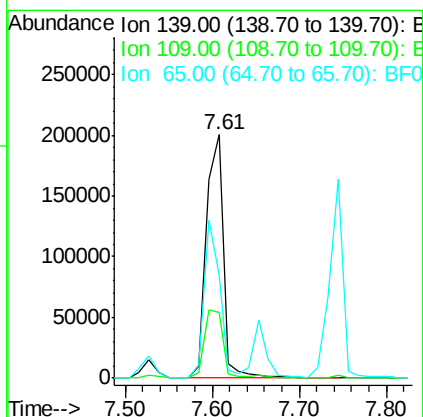
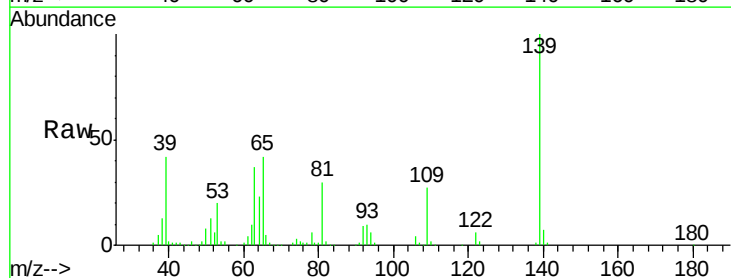
Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

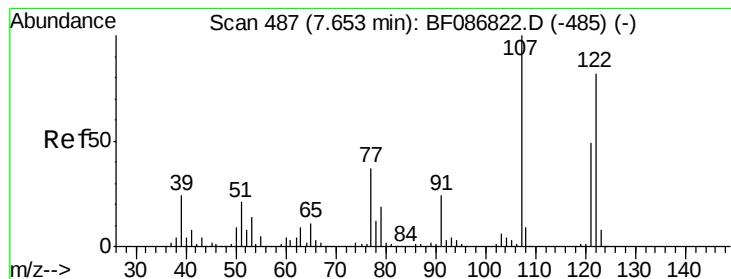
Tgt Ion: 82 Resp: 1087159
Ion Ratio Lower Upper
82 100
95 7.2 5.1 7.7
138 15.6 12.4 18.6



#26
2-Nitrophenol
Concen: 49.58 ng
RT: 7.61 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion: 139 Resp: 275783
Ion Ratio Lower Upper
139 100
109 26.9 19.5 29.3
65 42.5 37.5 56.3





#27

2,4-Dimethylphenol

Concen: 43.58 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF086850.D

Acq: 10 May 2016 5:13

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

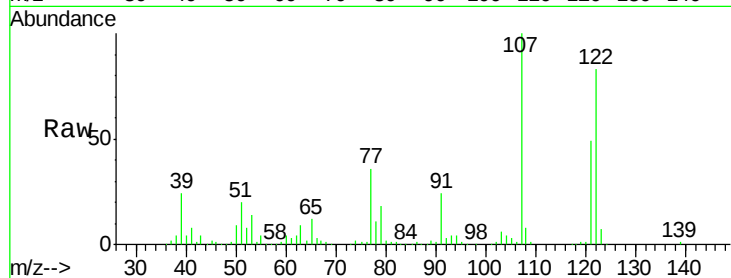
Tgt Ion:122 Resp: 412950

Ion Ratio Lower Upper

122 100

107 120.9 82.0 123.0

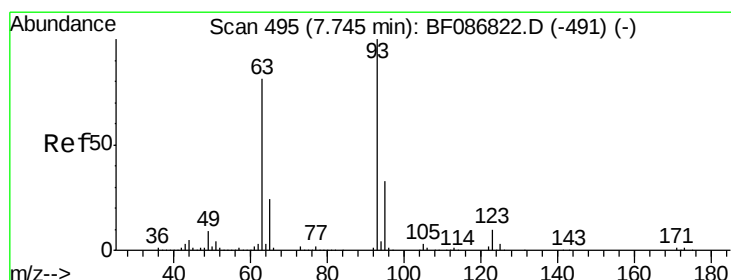
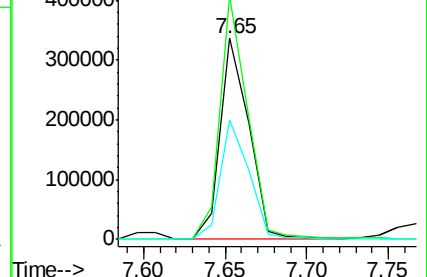
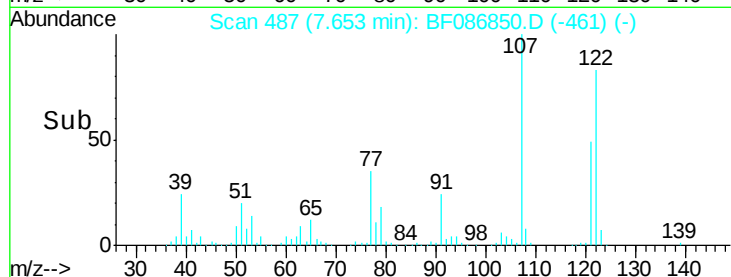
121 59.1 46.1 69.1



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: 56.46 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.00 min

Lab File: BF086850.D

Acq: 10 May 2016 5:13

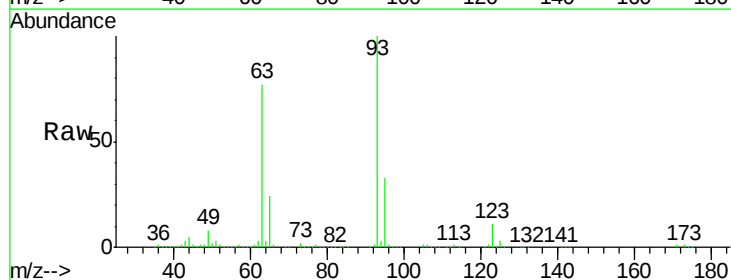
Tgt Ion: 93 Resp: 695108

Ion Ratio Lower Upper

93 100

95 33.1 26.0 39.0

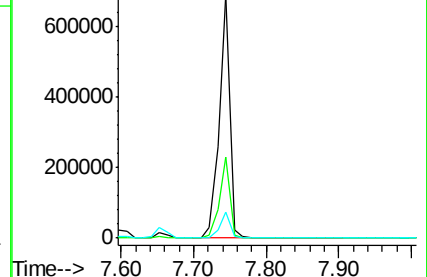
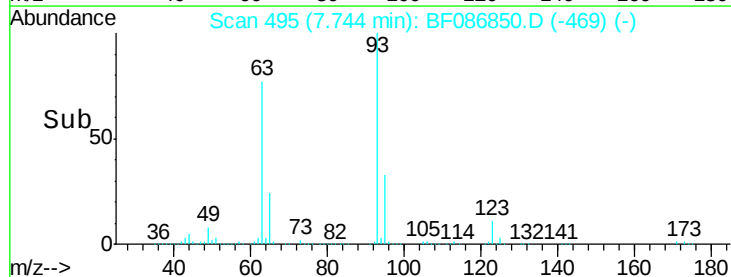
123 10.6 9.5 14.3

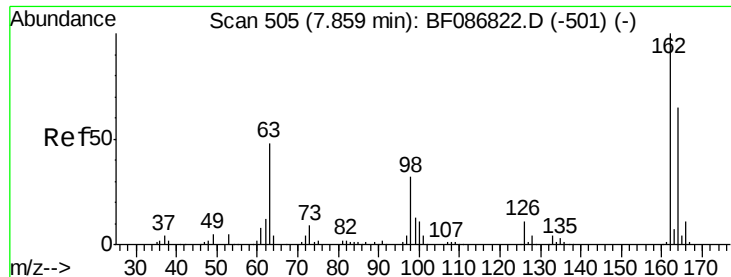


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

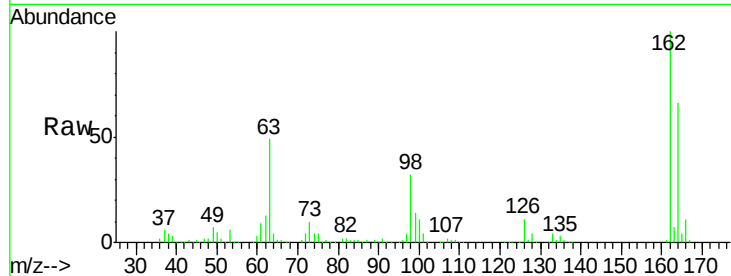




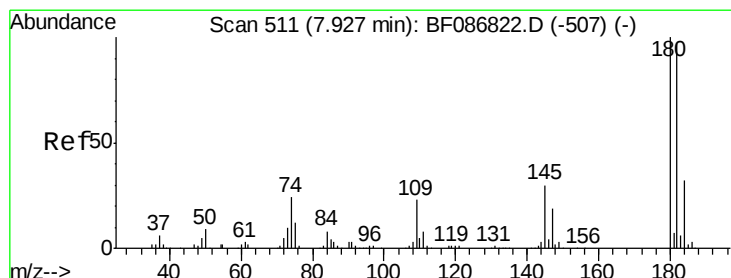
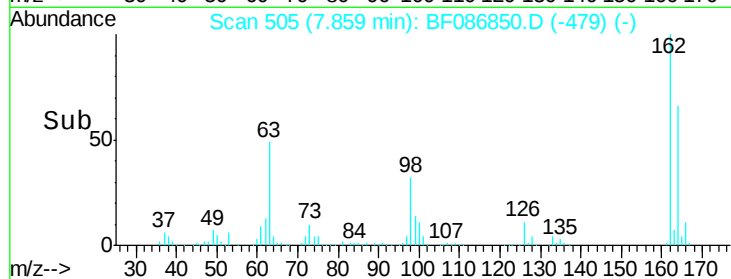
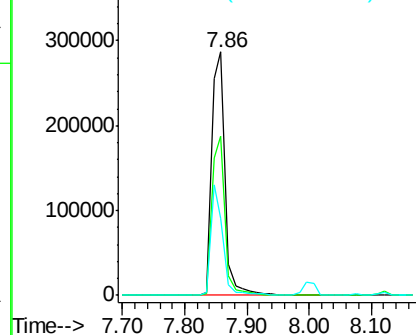
#29
 2,4-Dichlorophenol
 Concen: 50.84 ng
 RT: 7.86 min Scan# 505
 Delta R.T. -0.00 min
 Lab File: BF086850.D
 Acq: 10 May 2016 5:13

Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-AMBOY-SB09(0.5-6.0)M

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.6	42.2	82.2
98	31.8	19.0	59.0

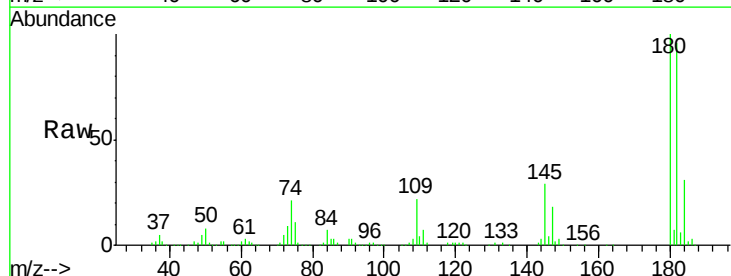


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

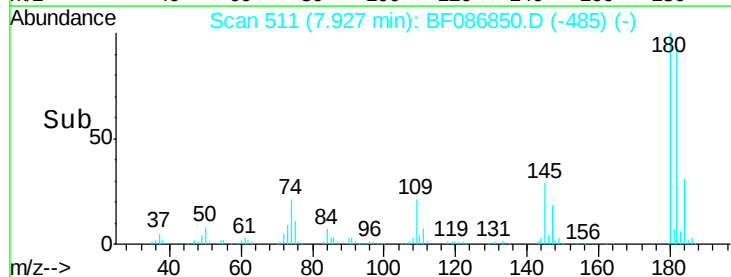
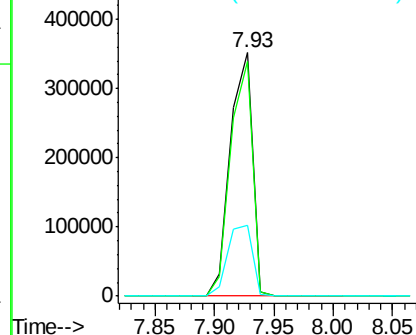


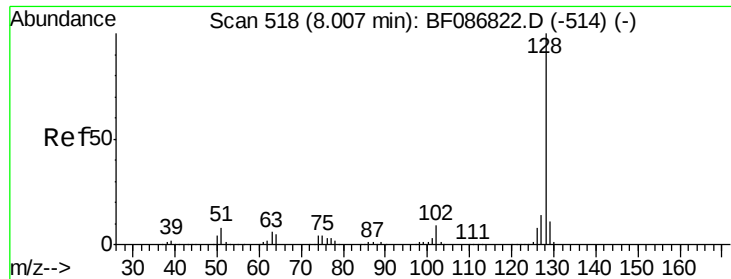
#30
 1,2,4-Trichlorobenzene
 Concen: 49.08 ng
 RT: 7.93 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BF086850.D
 Acq: 10 May 2016 5:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	78.0	117.0
145	28.9	24.2	36.2



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

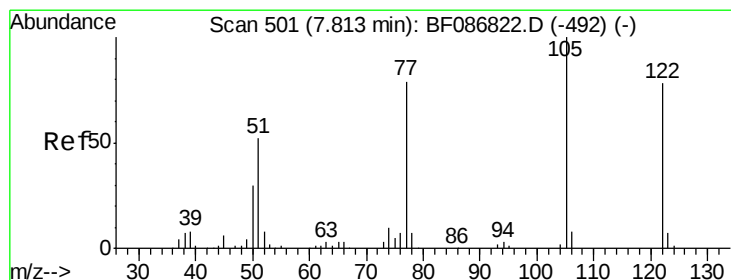
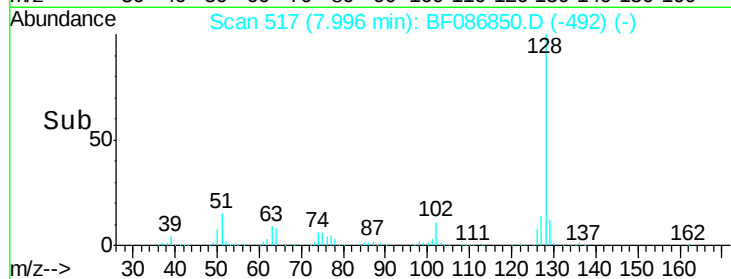
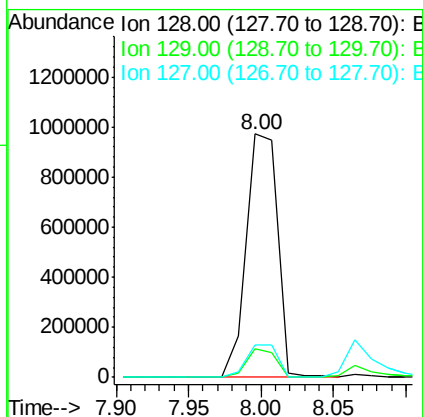
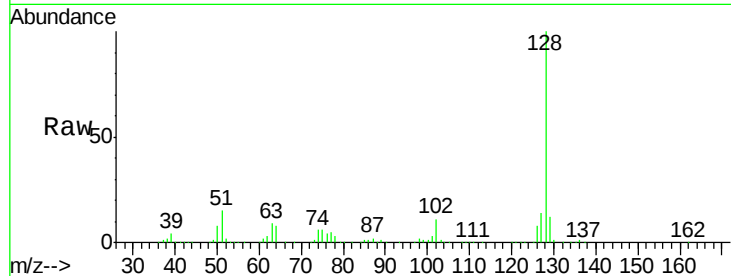




#31
Naphthalene
Concen: 47.06 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

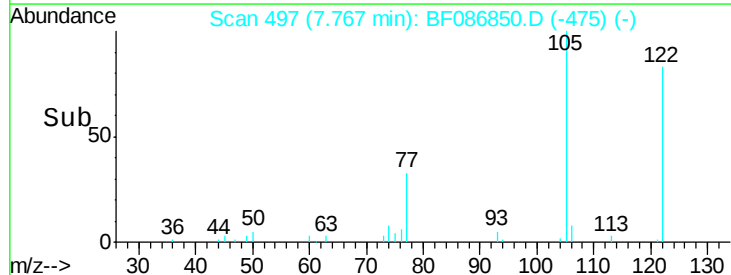
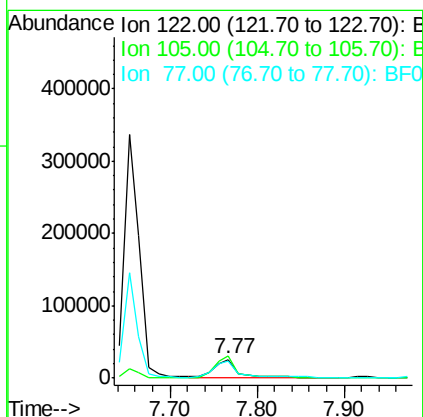
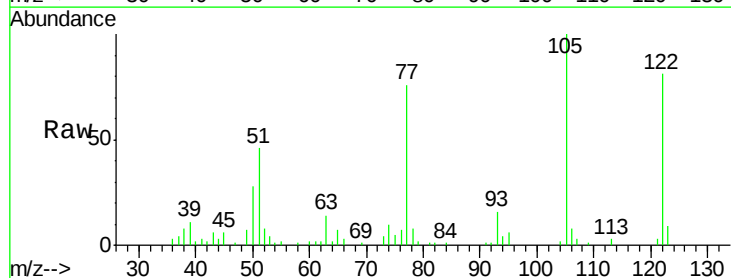
Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

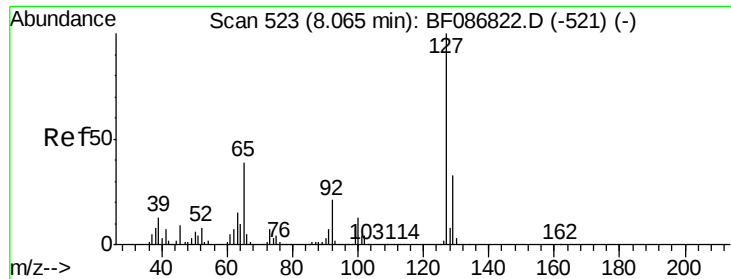
Tgt Ion:128 Resp: 1455978
Ion Ratio Lower Upper
128 100
129 11.6 8.6 13.0
127 13.6 10.8 16.2



#32
Benzoic acid
Concen: 8.49 ng
RT: 7.77 min Scan# 497
Delta R.T. -0.05 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:122 Resp: 47242
Ion Ratio Lower Upper
122 100
105 123.0 92.6 132.6
77 94.0 60.0 100.0

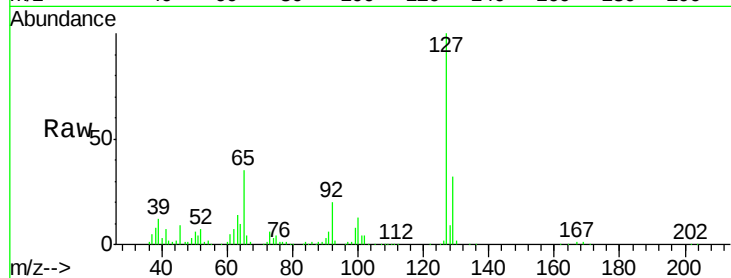




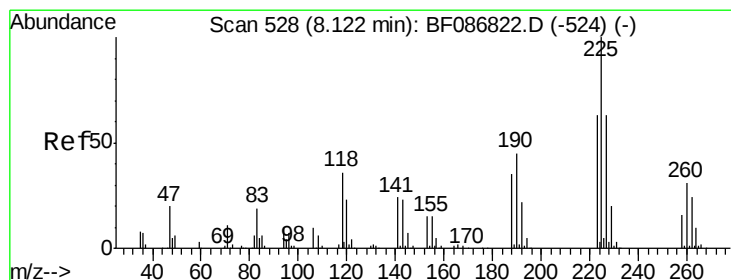
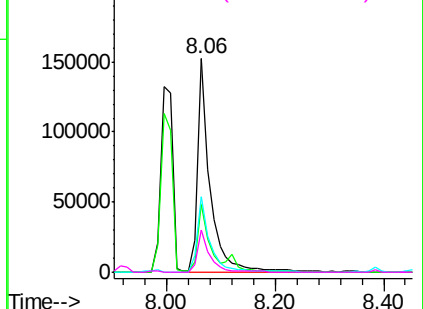
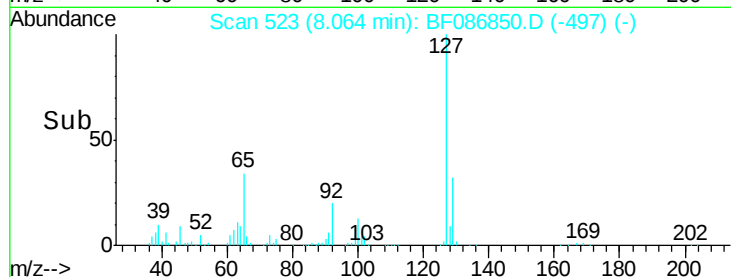
#33
 4-Chloroaniline
 Concen: 19.53 ng
 RT: 8.06 min Scan# 523
 Delta R.T. -0.00 min
 Lab File: BF086850.D
 Acq: 10 May 2016 5:13

Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-AMBOY-SB09(0.5-6.0)M

Tgt Ion:	127	Resp:	234764
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.2	39.4
65	35.3	23.0	34.4
92	19.9	15.1	22.7

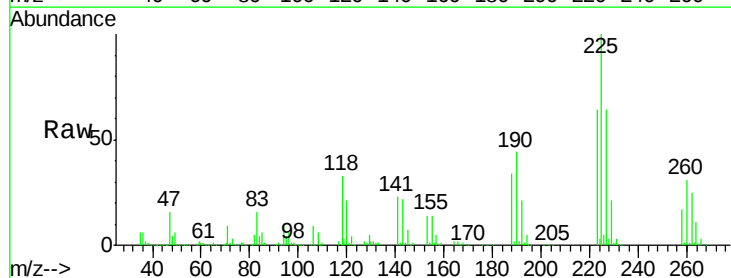


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

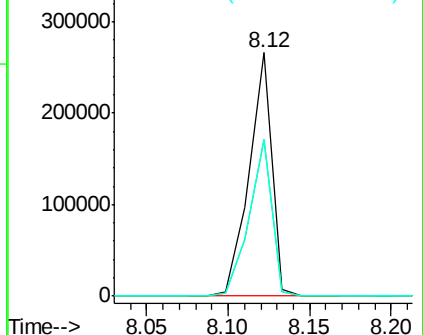
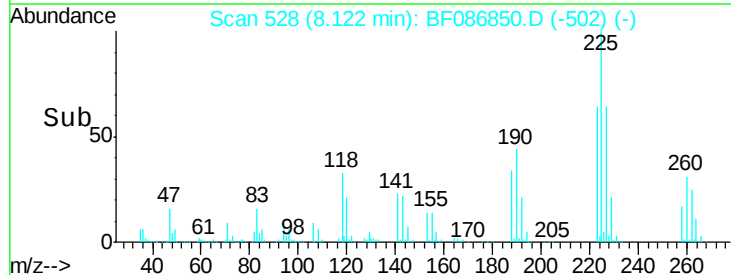


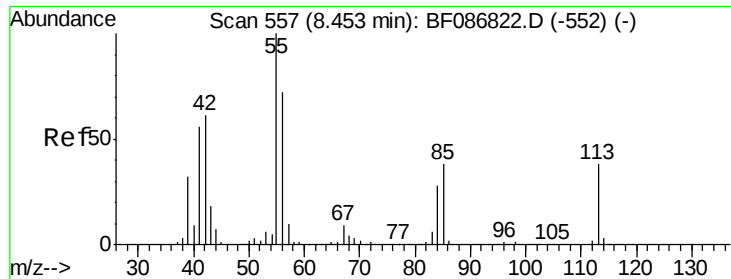
#34
 Hexachlorobutadiene
 Concen: 47.79 ng
 RT: 8.12 min Scan# 528
 Delta R.T. -0.00 min
 Lab File: BF086850.D
 Acq: 10 May 2016 5:13

Tgt Ion:	225	Resp:	258530
Ion	Ratio	Lower	Upper
225	100		
223	64.1	51.5	77.3
227	64.4	52.2	78.2



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: 34.00 ng

RT: 8.45 min Scan# 557

Delta R.T. -0.00 min

Lab File: BF086850.D

Acq: 10 May 2016 5:13

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

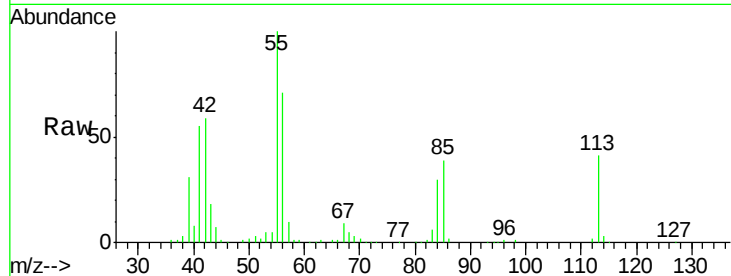
Tgt Ion:113 Resp: 96482

Ion Ratio Lower Upper

113 100

55 242.9 162.0 202.0#

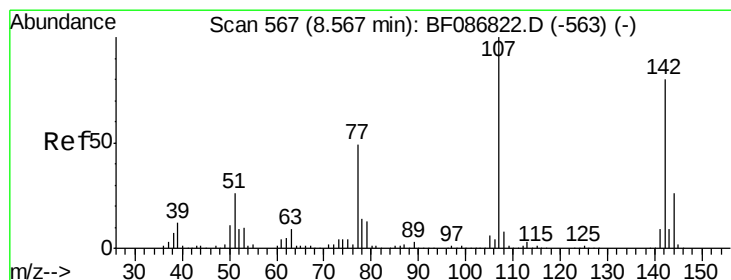
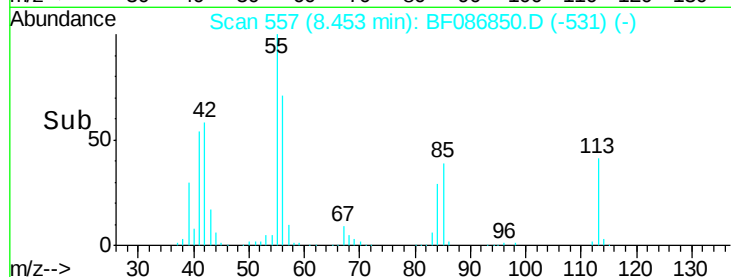
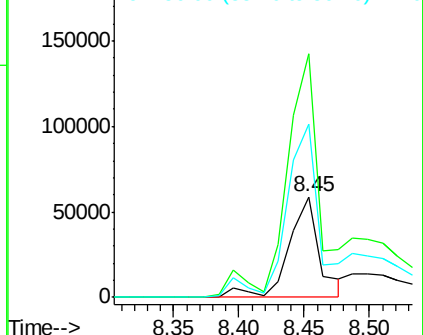
56 172.4 115.3 155.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 47.31 ng

RT: 8.57 min Scan# 567

Delta R.T. -0.00 min

Lab File: BF086850.D

Acq: 10 May 2016 5:13

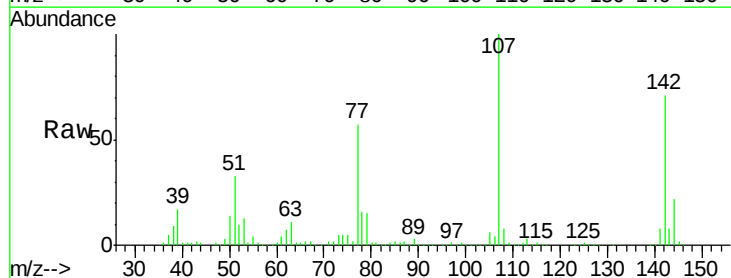
Tgt Ion:107 Resp: 478508

Ion Ratio Lower Upper

107 100

144 22.4 20.7 31.1

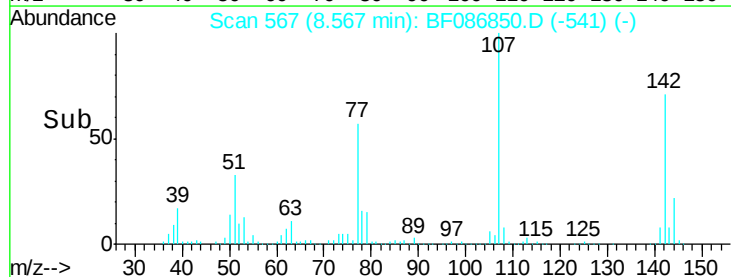
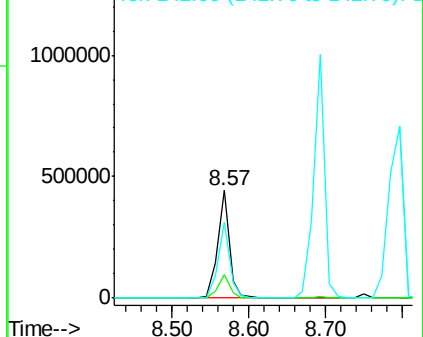
142 70.6 63.2 94.8

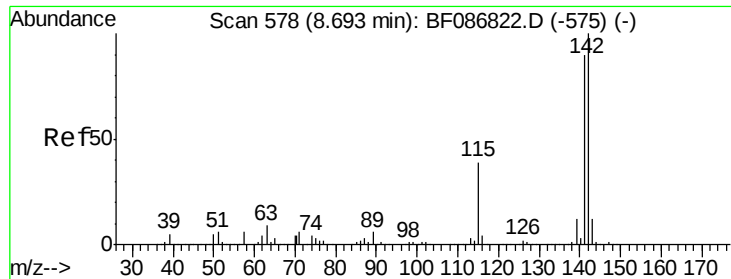


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

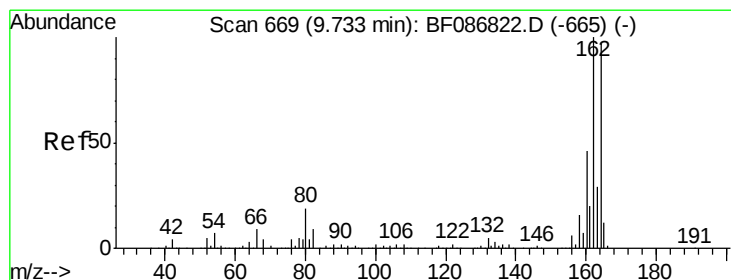
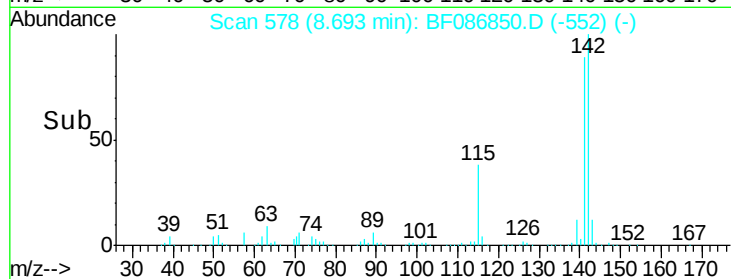
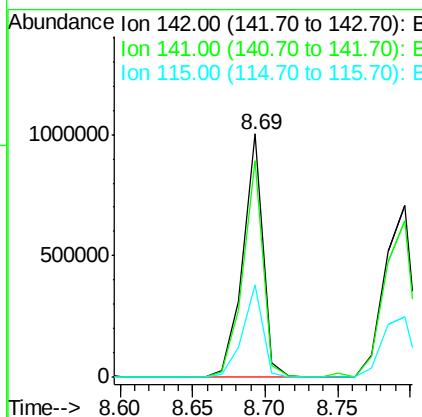
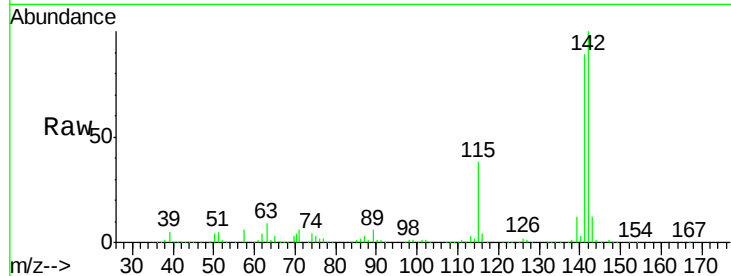




#37
2-Methylnaphthalene
Concen: 53.23 ng
RT: 8.69 min Scan# 578
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

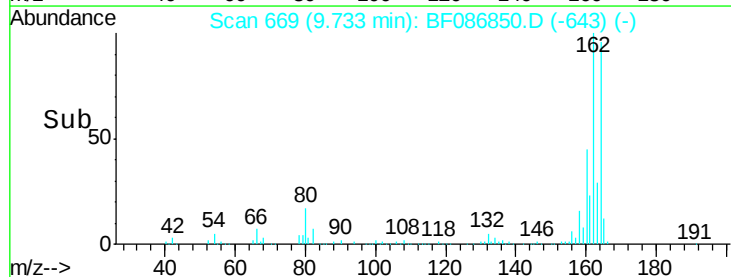
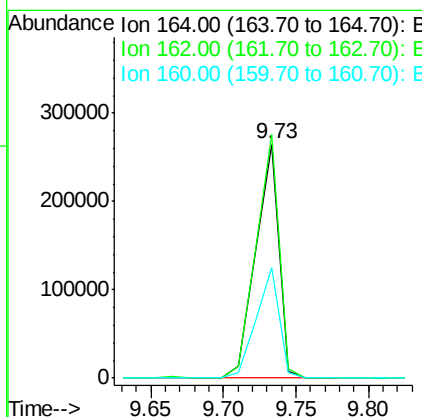
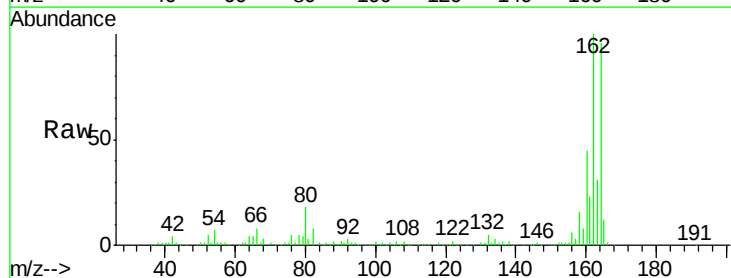
Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

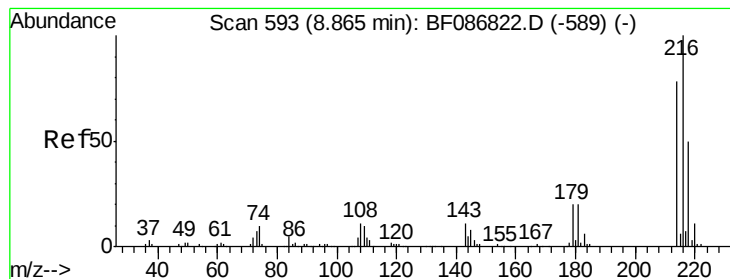
Tgt Ion:142 Resp: 962676
Ion Ratio Lower Upper
142 100
141 89.0 71.0 106.6
115 37.8 26.6 39.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:164 Resp: 292584
Ion Ratio Lower Upper
164 100
162 104.2 82.8 124.2
160 47.4 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.78 ng

RT: 8.86 min Scan# 593

Delta R.T. -0.00 min

Lab File: BF086850.D

Acq: 10 May 2016 5:13

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

Tgt Ion:216 Resp: 397951

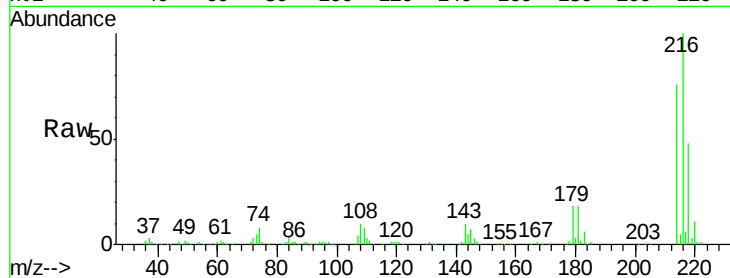
Ion Ratio Lower Upper

216 100

214 78.6 62.6 93.8

179 22.5 18.2 27.4

108 22.0 17.5 26.3

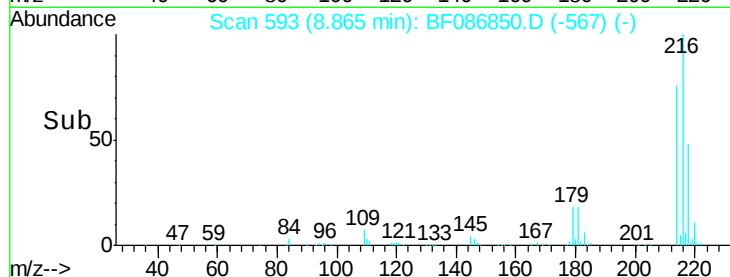


Abundance Ion 216.00 (215.70 to 216.70): E

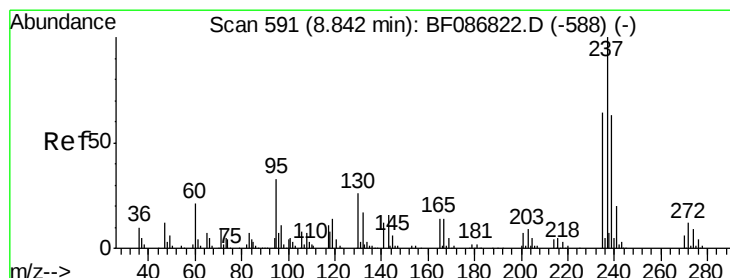
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 52.26 ng

RT: 8.84 min Scan# 591

Delta R.T. -0.00 min

Lab File: BF086850.D

Acq: 10 May 2016 5:13

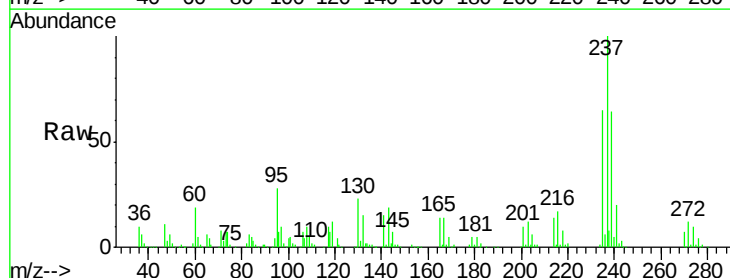
Tgt Ion:237 Resp: 210994

Ion Ratio Lower Upper

237 100

235 64.8 47.2 87.2

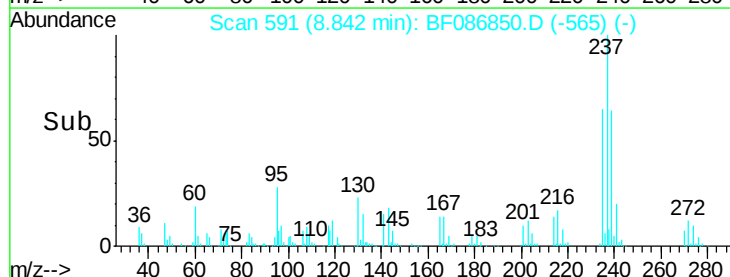
272 12.2 0.0 31.1



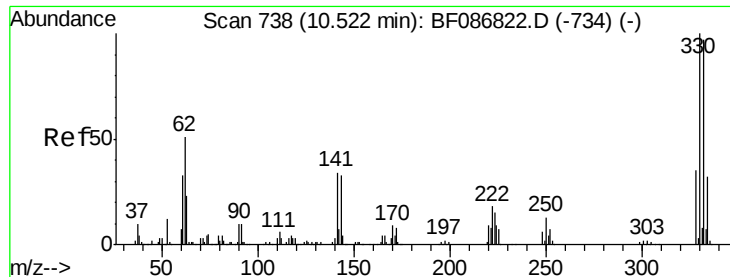
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



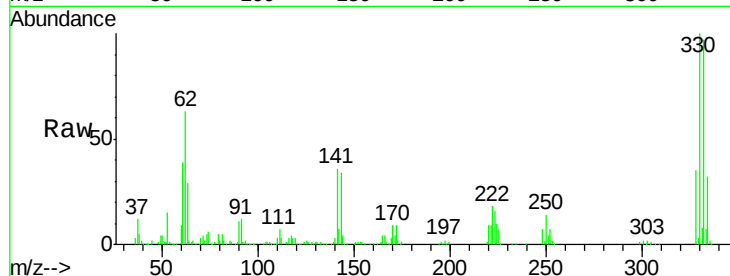
Time-->



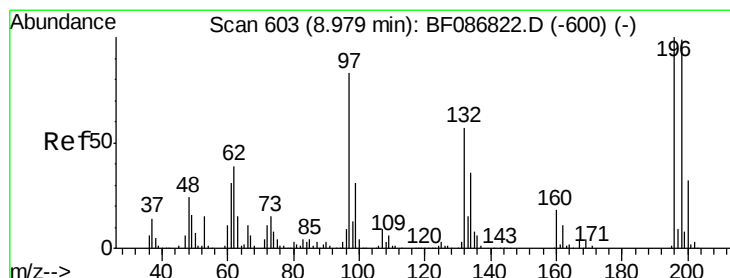
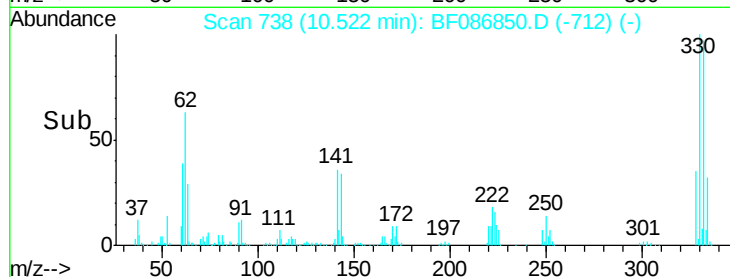
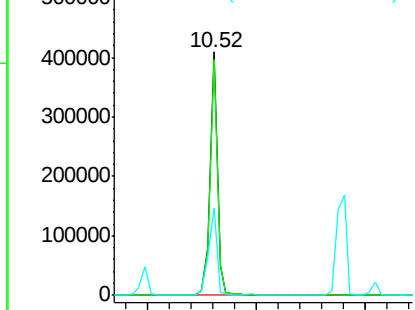
#41
 2,4,6-Tribromophenol
 Concen: 124.89 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF086850.D
 Acq: 10 May 2016 5:13

Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-AMBOY-SB09(0.5-6.0)M

Tgt Ion:330 Resp: 386854
 Ion Ratio Lower Upper
 330 100
 332 96.9 79.0 118.4
 141 39.8 31.2 46.8

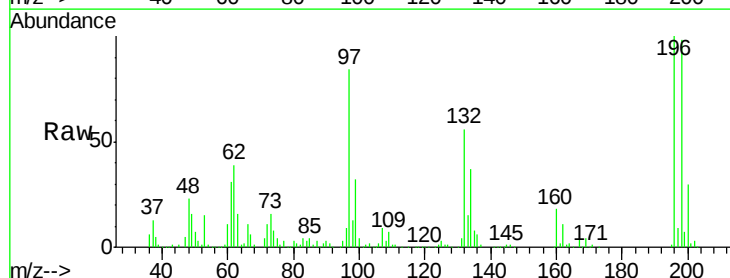


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

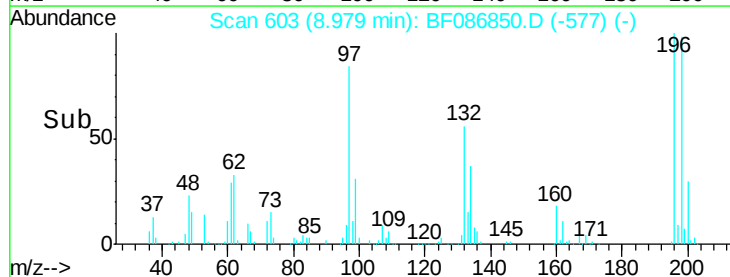
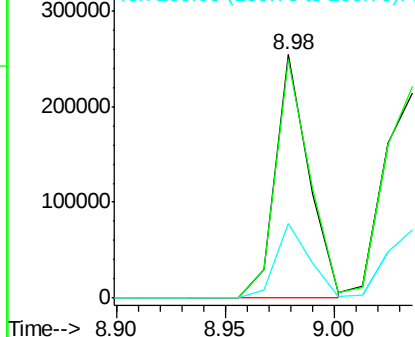


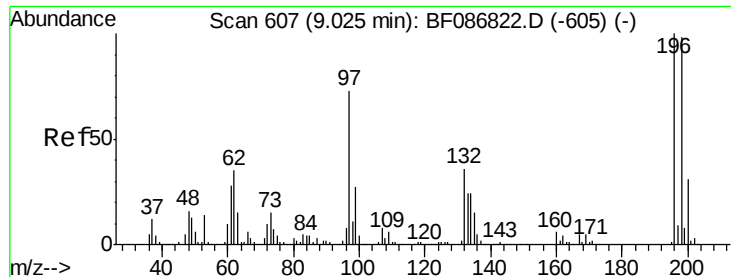
#42
 2,4,6-Trichlorophenol
 Concen: 48.21 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF086850.D
 Acq: 10 May 2016 5:13

Tgt Ion:196 Resp: 274215
 Ion Ratio Lower Upper
 196 100
 198 98.0 74.7 112.1
 200 30.4 23.8 35.6



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

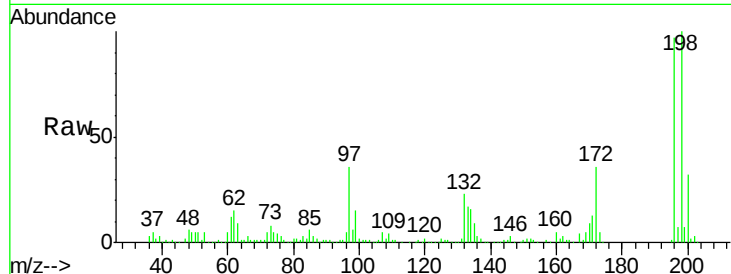




#43
 2,4,5-Trichlorophenol
 Concen: 48.24 ng
 RT: 9.04 min Scan# 608
 Delta R.T. 0.01 min
 Lab File: BF086850.D
 Acq: 10 May 2016 5:13

Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-AMBOY-SB09(0.5-6.0)M

Tgt Ion	Resp	Lower	Upper
196	283797		
196	100		
198	103.0	77.5	116.3
97	37.1	34.8	52.2
132	24.0	23.0	34.4



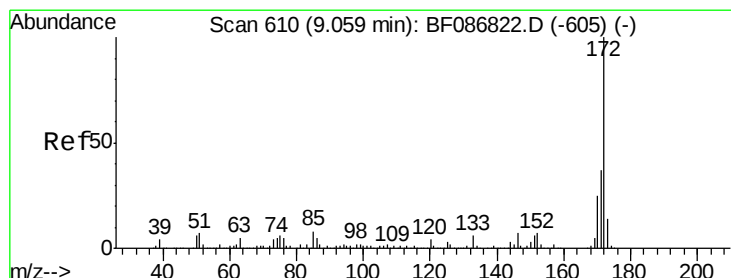
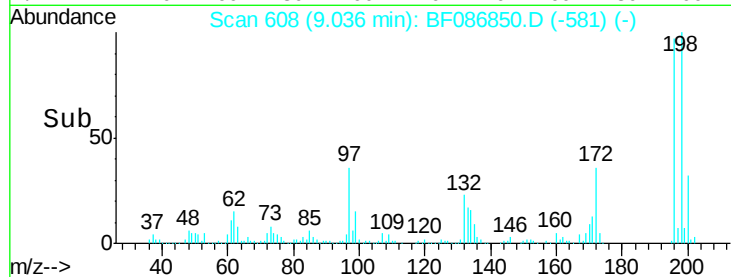
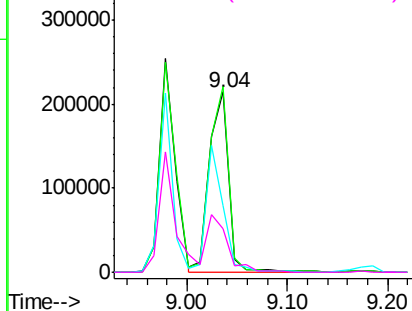
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

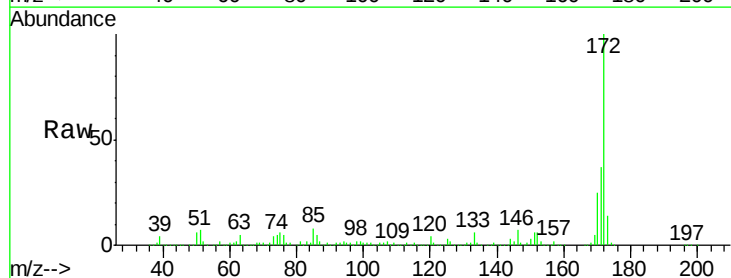
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 87.10 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF086850.D
 Acq: 10 May 2016 5:13

Tgt Ion	Resp	Lower	Upper
172	1516245		
172	100		
171	36.7	29.0	43.6
170	24.5	19.8	29.8

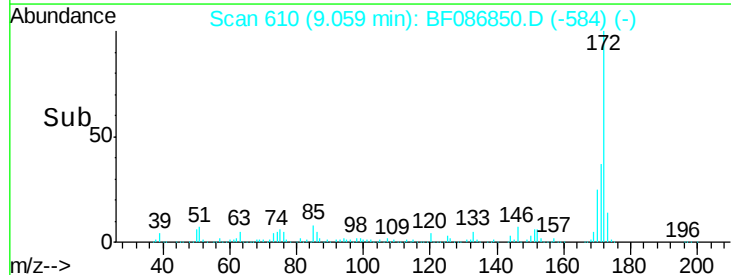
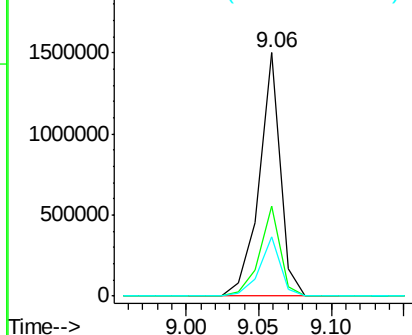


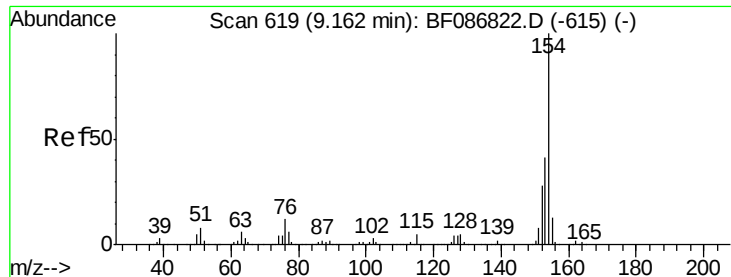
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

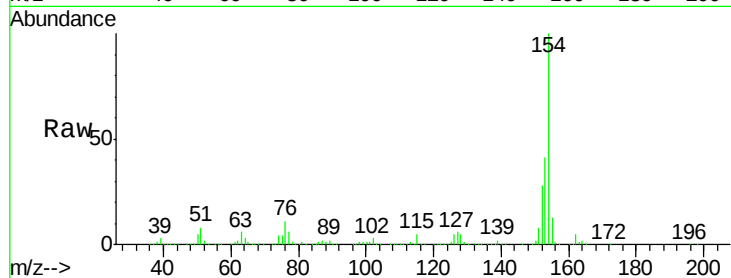




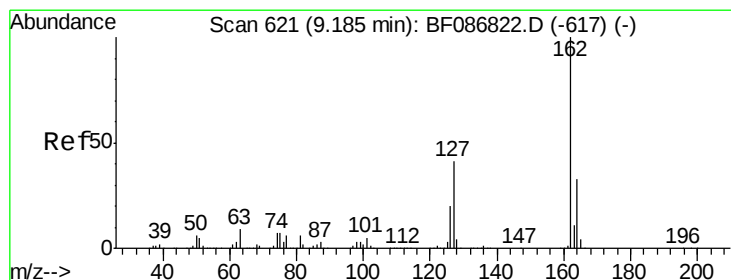
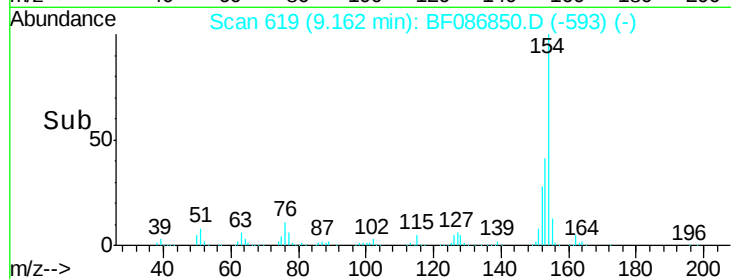
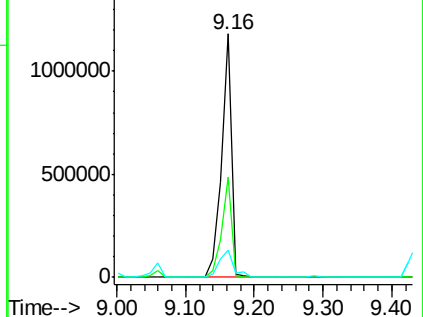
#45
 1,1'-Biphenyl
 Concen: 52.03 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF086850.D
 Acq: 10 May 2016 5:13

Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-AMBOY-SB09(0.5-6.0)M

Tgt Ion:154 Resp: 1210800
 Ion Ratio Lower Upper
 154 100
 153 41.3 20.3 60.3
 76 11.4 0.0 30.2

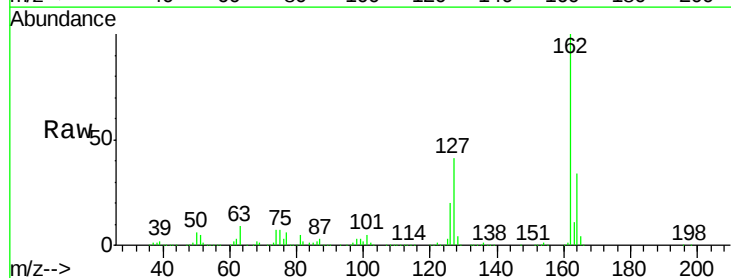


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

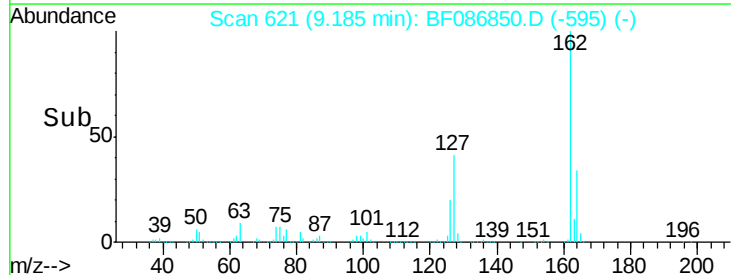
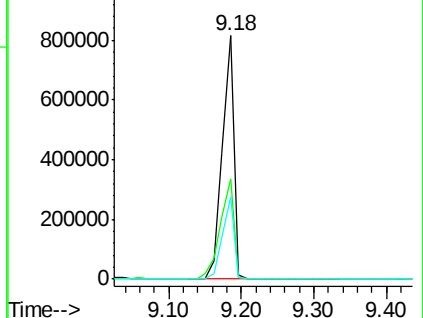


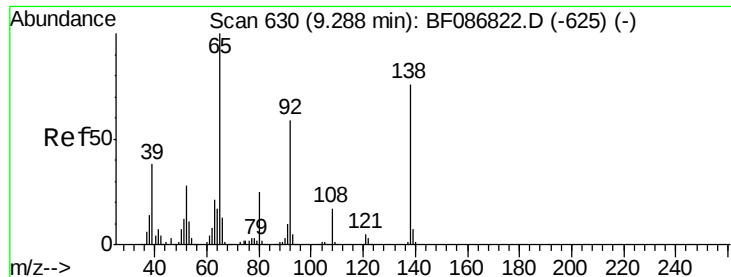
#46
 2-Chloronaphthalene
 Concen: 49.88 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF086850.D
 Acq: 10 May 2016 5:13

Tgt Ion:162 Resp: 909420
 Ion Ratio Lower Upper
 162 100
 127 41.0 31.8 47.6
 164 33.7 27.0 40.6



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: 49.16 ng

RT: 9.29 min Scan# 630

Delta R.T. -0.00 min

Lab File: BF086850.D

Acq: 10 May 2016 5:13

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

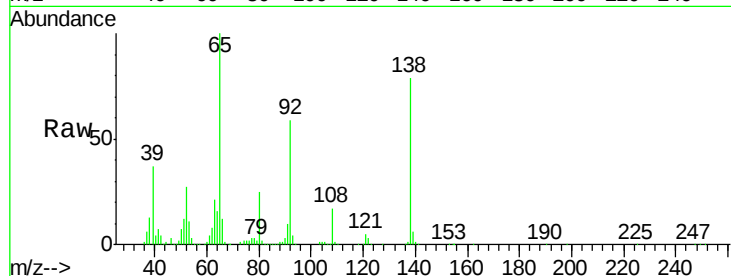
Tgt Ion: 65 Resp: 327597

Ion Ratio Lower Upper

65 100

92 59.4 57.4 86.2

138 79.1 90.1 135.1#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

9.29

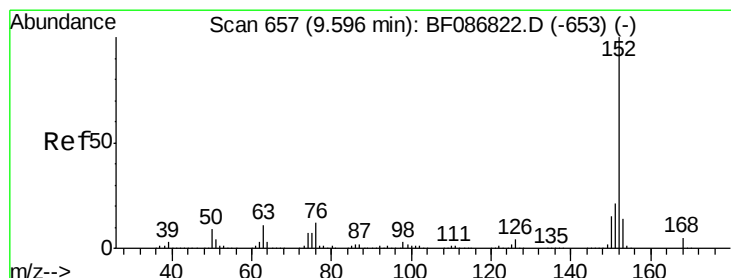
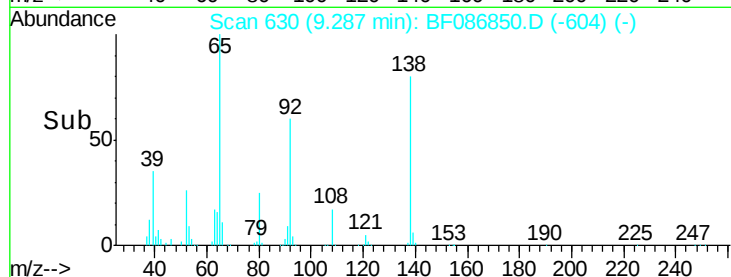
300000

200000

100000

0

Time-->



#48

Acenaphthylene

Concen: 50.76 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.00 min

Lab File: BF086850.D

Acq: 10 May 2016 5:13

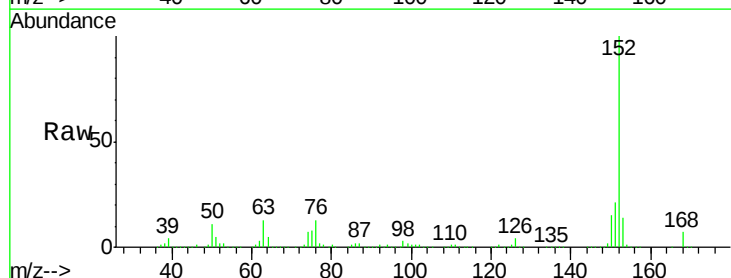
Tgt Ion: 152 Resp: 1361185

Ion Ratio Lower Upper

152 100

151 20.6 16.8 25.2

153 14.0 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

9.60

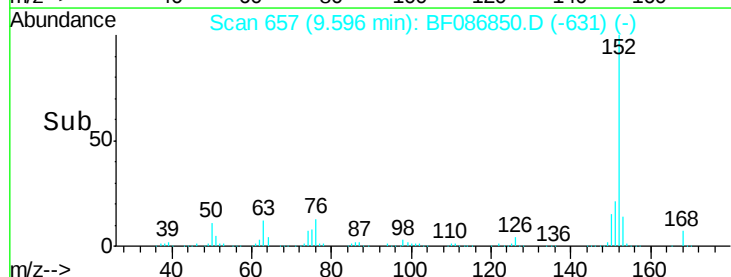
1500000

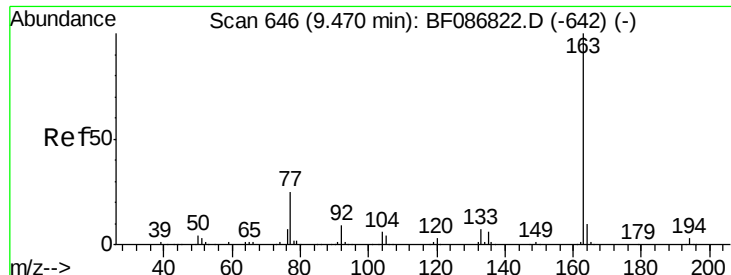
1000000

500000

0

Time-->

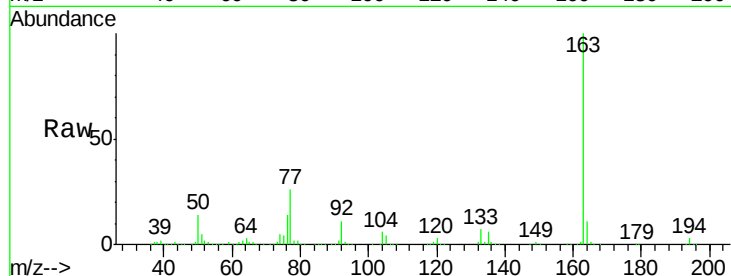




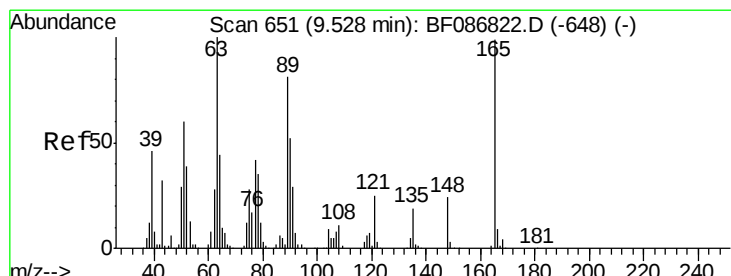
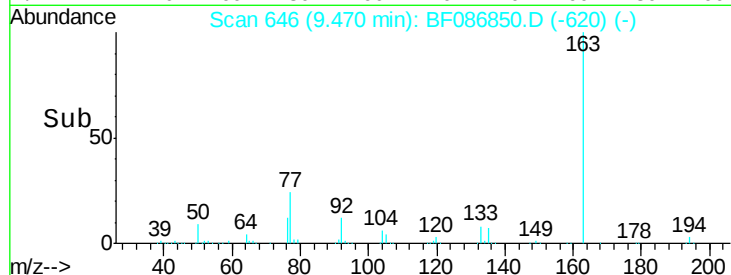
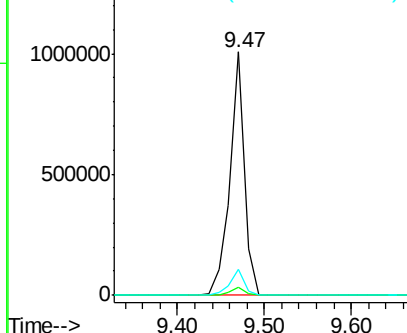
#49
Dimethylphthalate
Concen: 52.07 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

Tgt Ion:163 Resp: 1162310
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.5 8.2 12.4

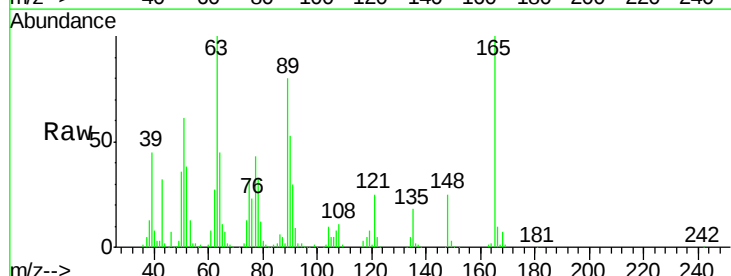


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

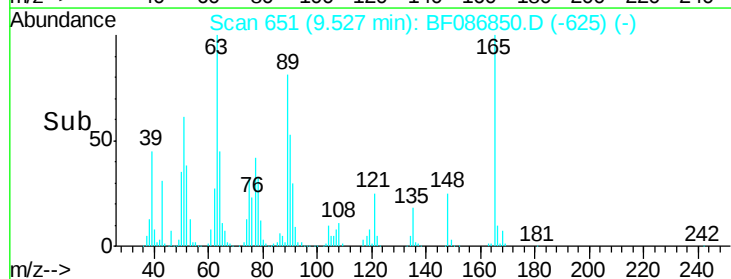
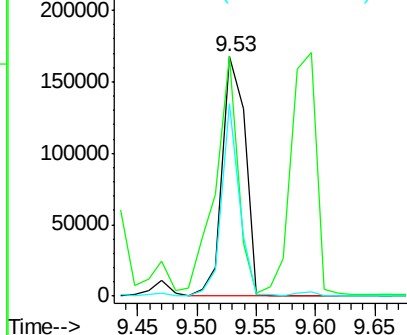


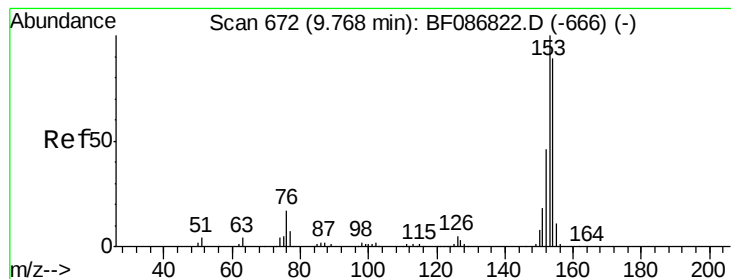
#50
2,6-Dinitrotoluene
Concen: 47.72 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:165 Resp: 224166
Ion Ratio Lower Upper
165 100
63 100.2 51.8 77.8#
89 80.6 50.7 76.1#



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: 51.44 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.00 min

Lab File: BF086850.D

Acq: 10 May 2016 5:13

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

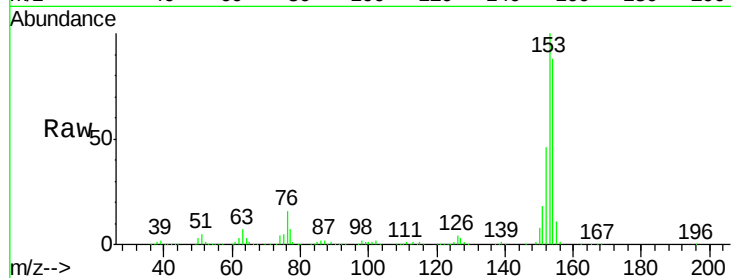
Tgt Ion:154 Resp: 858167

Ion Ratio Lower Upper

154 100

153 113.5 89.8 134.6

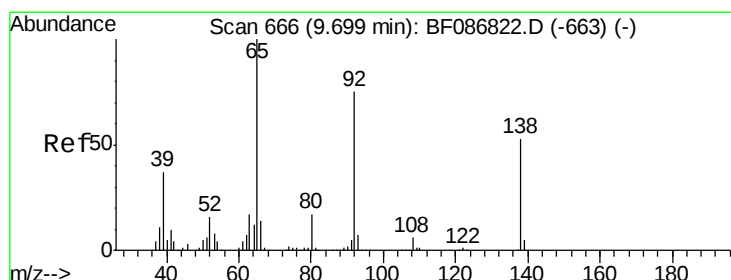
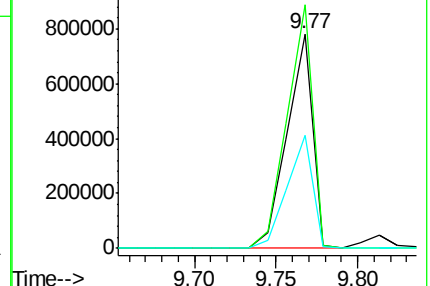
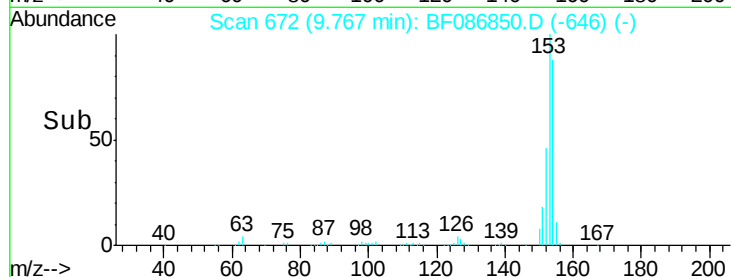
152 52.6 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 31.20 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.00 min

Lab File: BF086850.D

Acq: 10 May 2016 5:13

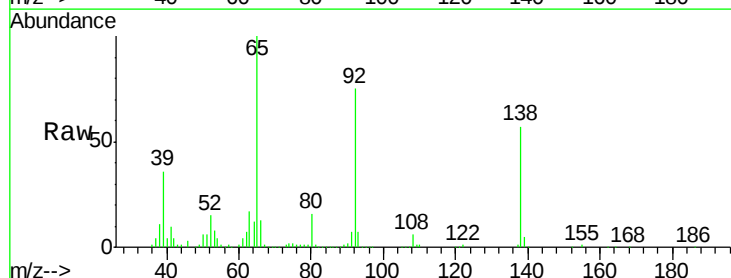
Tgt Ion:138 Resp: 154318

Ion Ratio Lower Upper

138 100

108 11.1 7.8 11.6

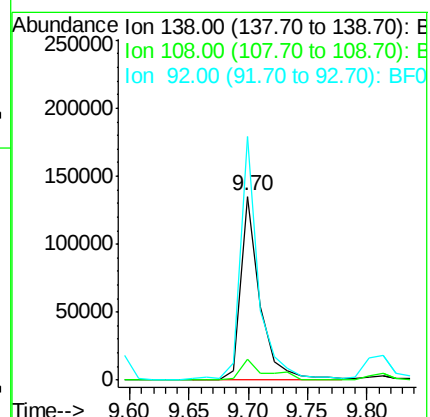
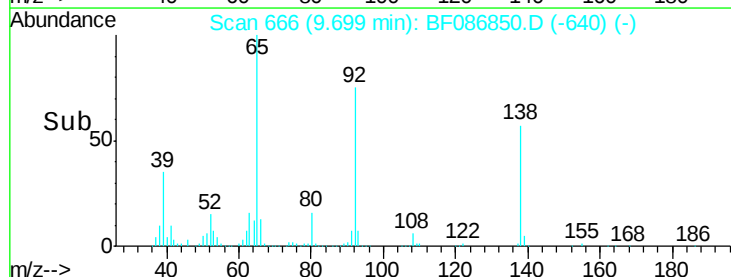
92 132.5 87.8 131.8#

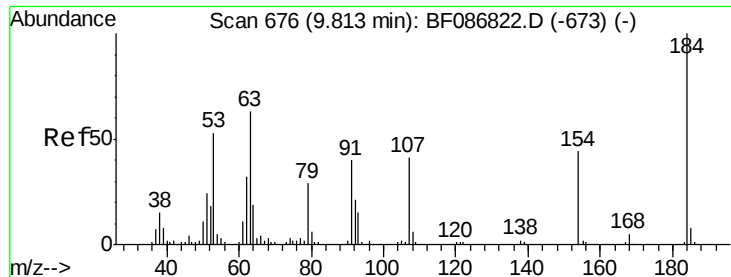


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

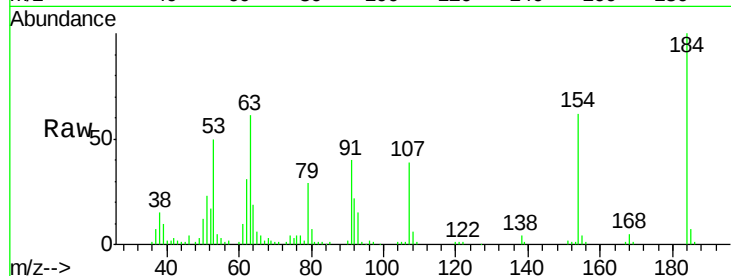




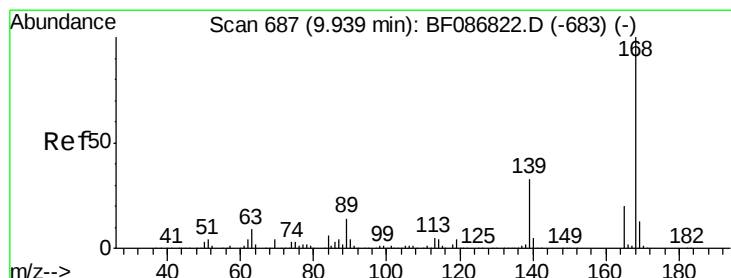
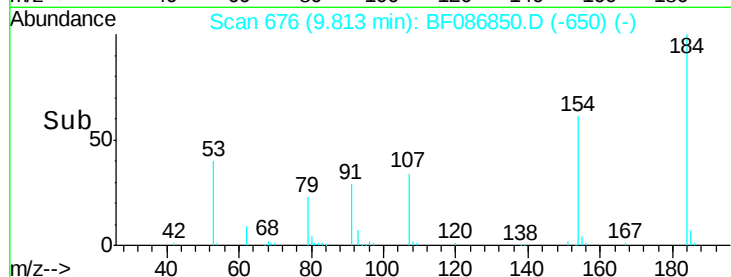
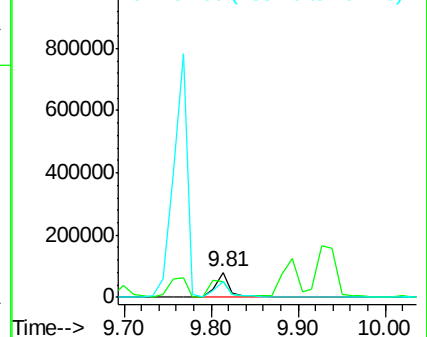
#53
2,4-Dinitrophenol
Concen: 45.86 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

Tgt Ion:184 Resp: 101372
Ion Ratio Lower Upper
184 100
63 61.0 55.8 83.8
154 62.0 62.4 93.6#

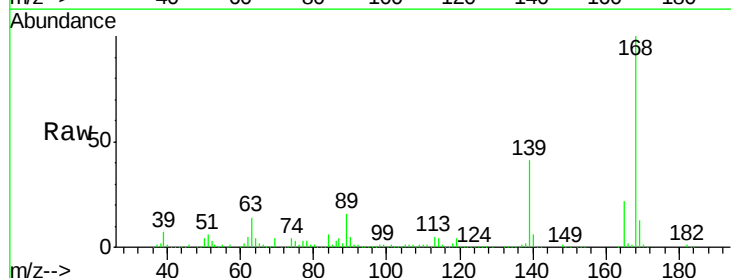


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

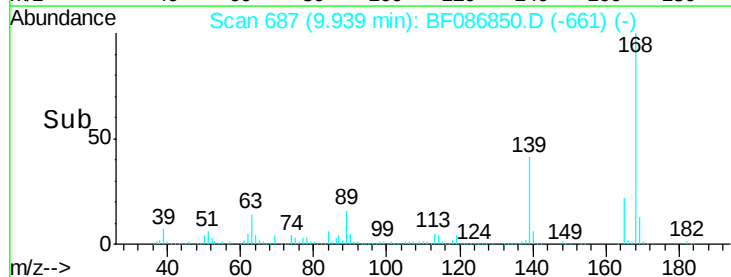
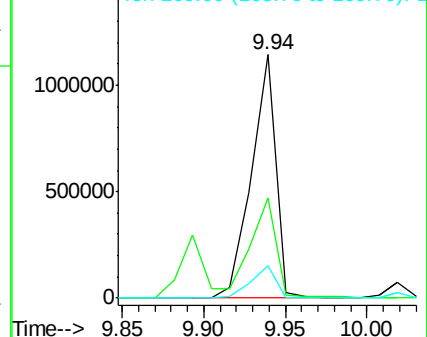


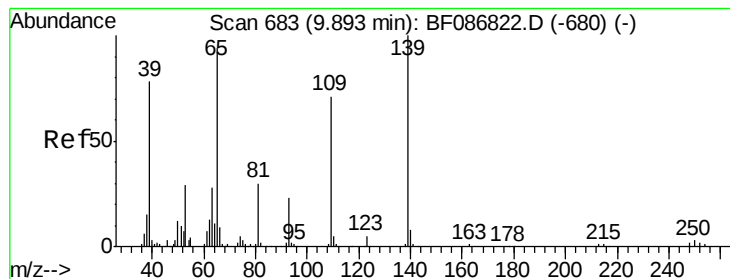
#54
Dibenzofuran
Concen: 55.28 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:168 Resp: 1183882
Ion Ratio Lower Upper
168 100
139 41.2 31.4 47.0
169 13.5 10.7 16.1



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 97.51 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF086850.D

Acq: 10 May 2016 5:13

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

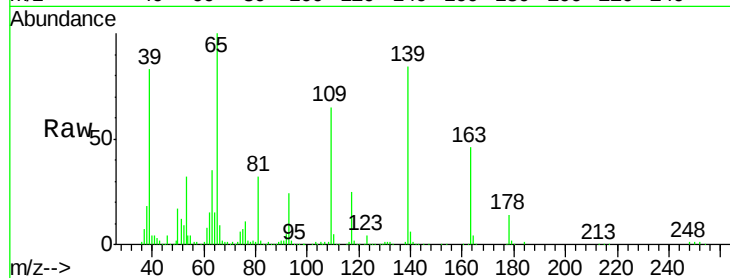
Tgt Ion:139 Resp: 325053

Ion Ratio Lower Upper

139 100

109 78.1 36.9 76.9#

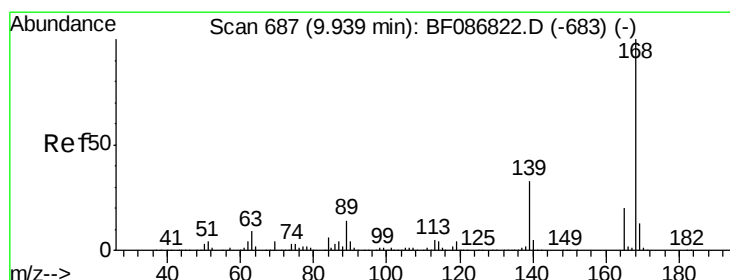
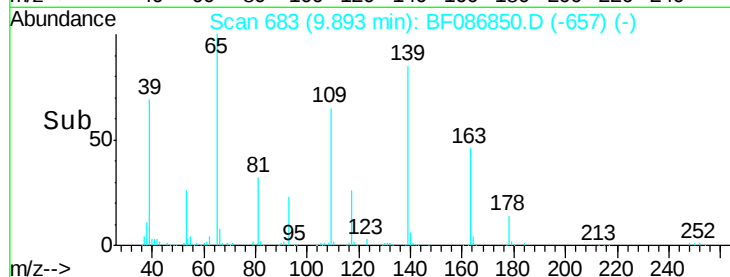
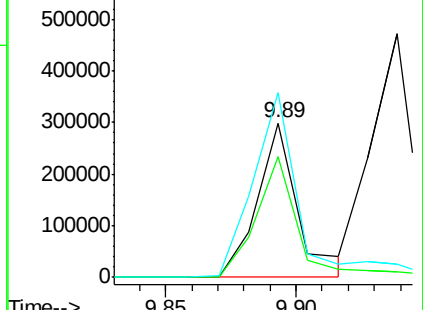
65 119.4 64.0 104.0#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 50.28 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF086850.D

Acq: 10 May 2016 5:13

Tgt Ion:165 Resp: 292296

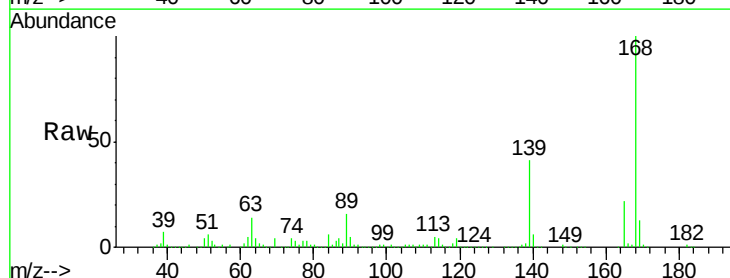
Ion Ratio Lower Upper

165 100

63 64.2 44.3 66.5

89 74.6 70.0 105.0

182 2.5 1.8 2.6

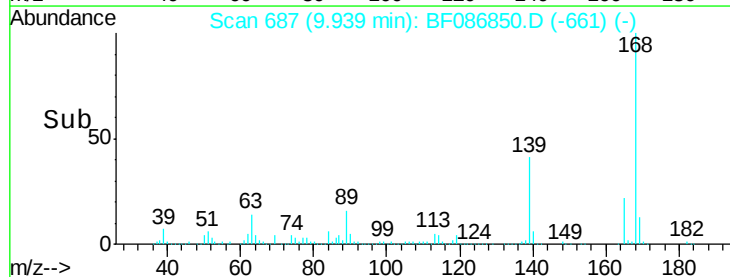
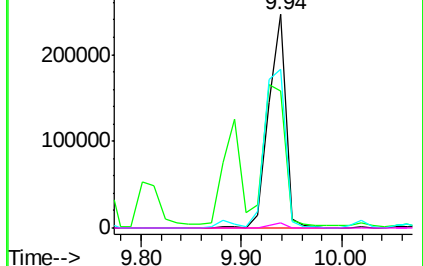


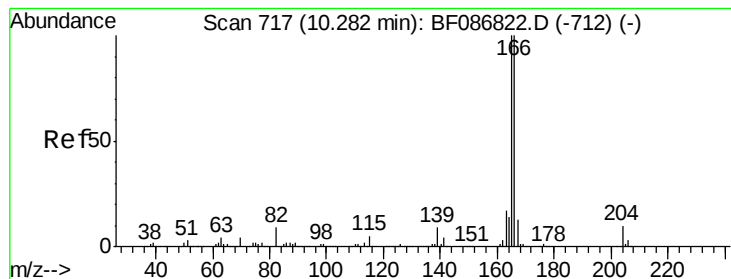
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 50.30 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.00 min

Lab File: BF086850.D

Acq: 10 May 2016 5:13

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

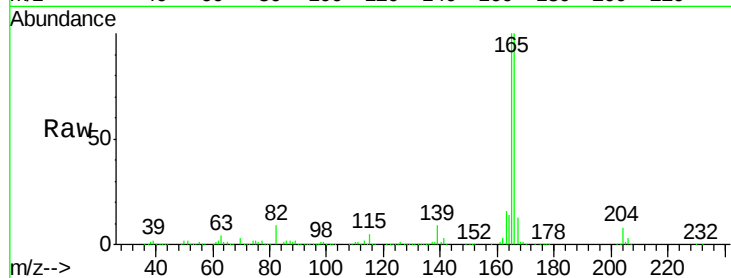
Tgt Ion:166 Resp: 918743

Ion Ratio Lower Upper

166 100

165 99.5 79.0 118.6

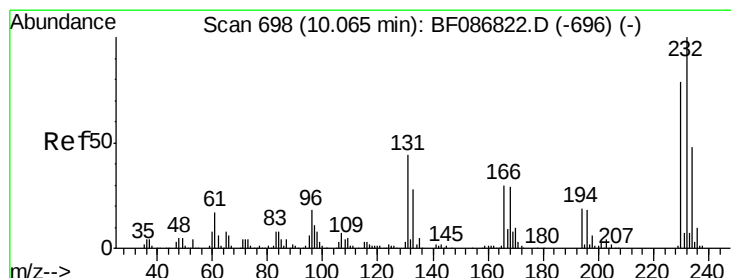
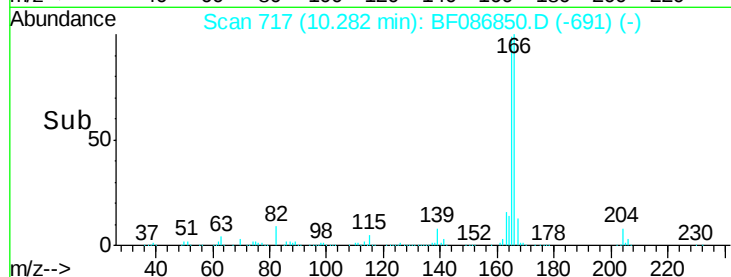
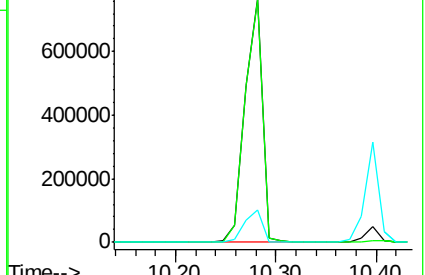
167 13.2 10.6 15.8



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: 55.45 ng

RT: 10.06 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF086850.D

Acq: 10 May 2016 5:13

Tgt Ion:232 Resp: 245569

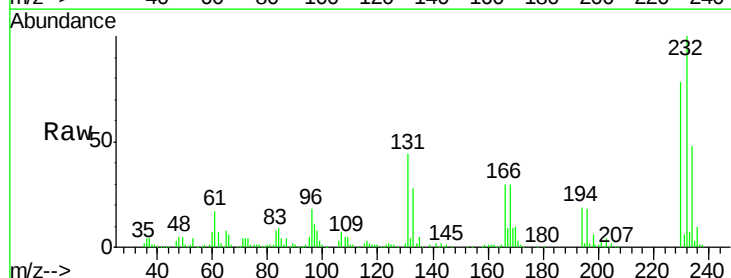
Ion Ratio Lower Upper

232 100

131 51.2 41.9 62.9

130 2.7 2.2 3.4

166 32.1 26.8 40.2

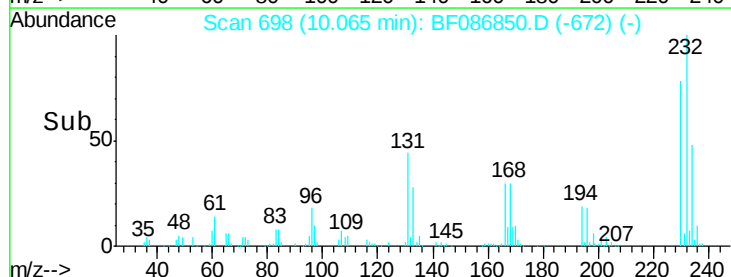
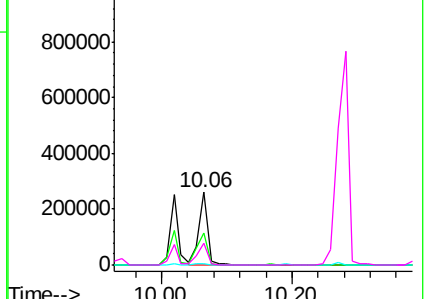


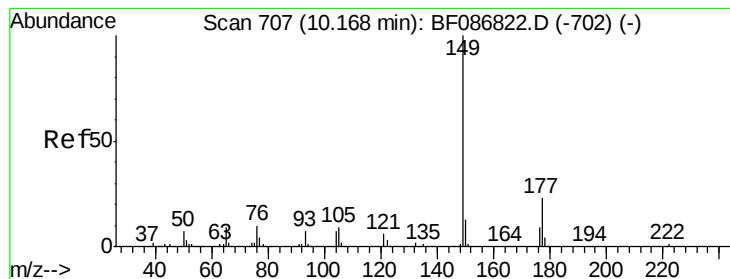
Abundance Ion 232.00 (231.70 to 232.70): E

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: 49.40 ng

RT: 10.17 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF086850.D

Acq: 10 May 2016 5:13

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

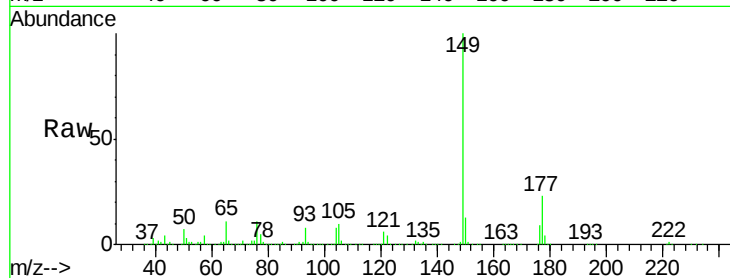
Tgt Ion:149 Resp: 1074474

Ion Ratio Lower Upper

149 100

177 22.8 16.6 24.8

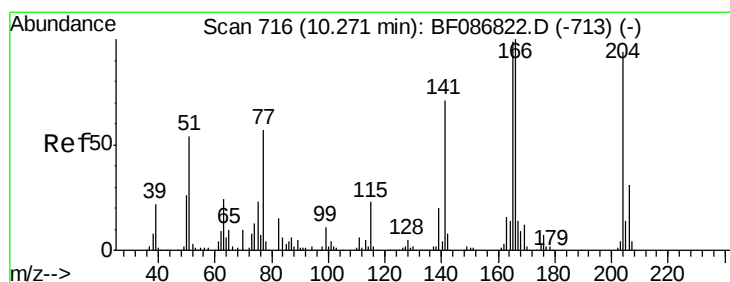
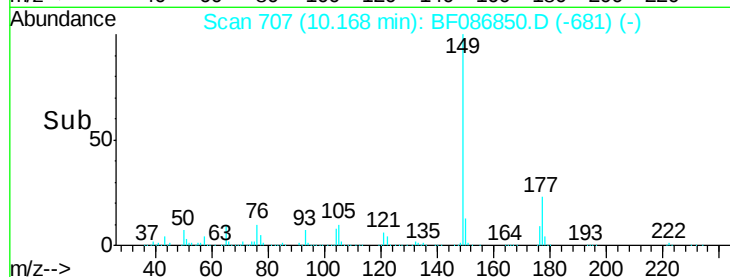
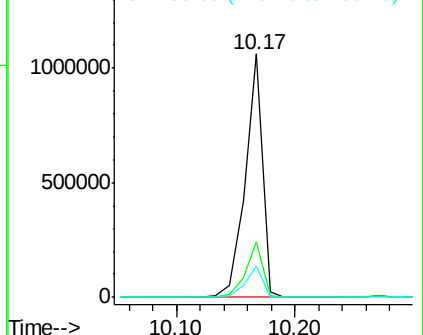
150 12.7 10.0 15.0



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: 49.89 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF086850.D

Acq: 10 May 2016 5:13

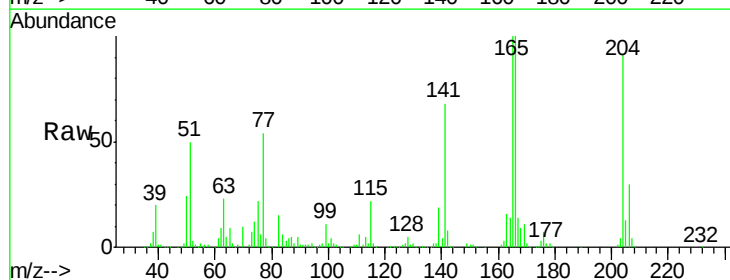
Tgt Ion:204 Resp: 385897

Ion Ratio Lower Upper

204 100

206 32.6 25.4 38.0

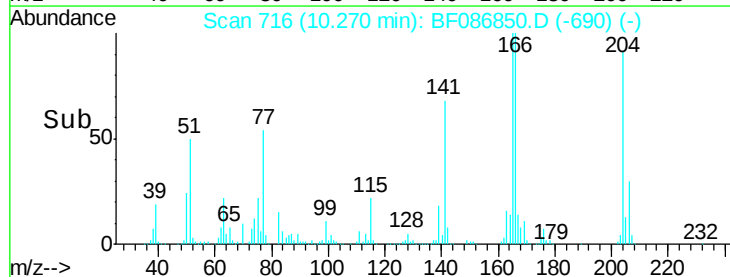
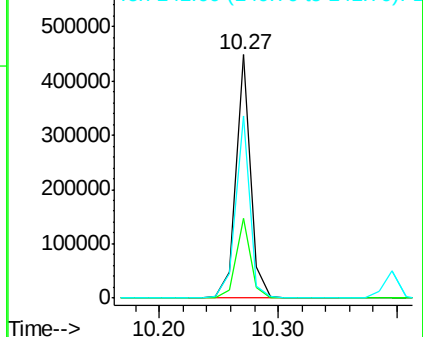
141 74.9 61.6 92.4

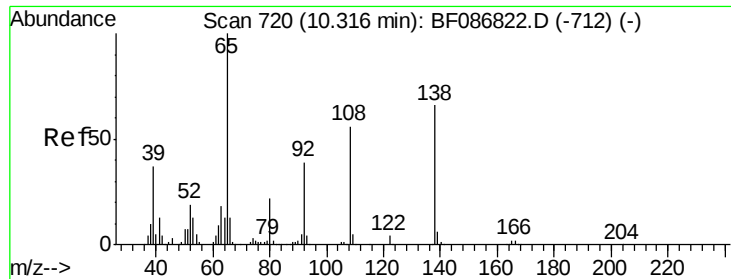


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

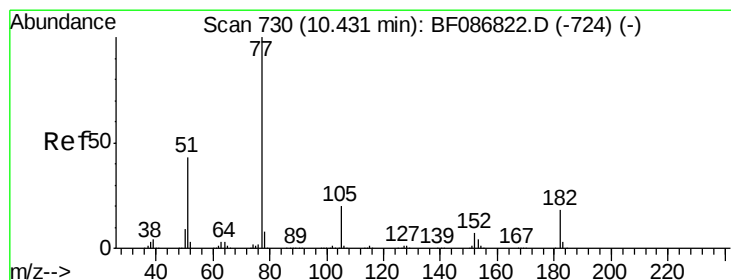
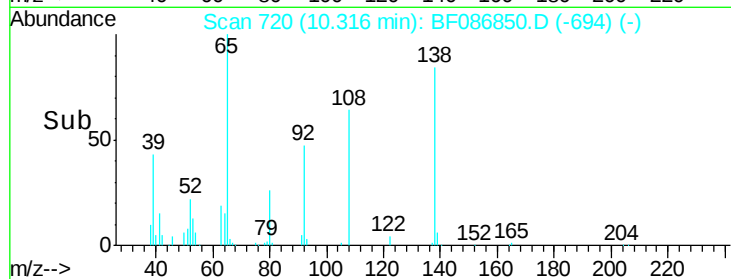
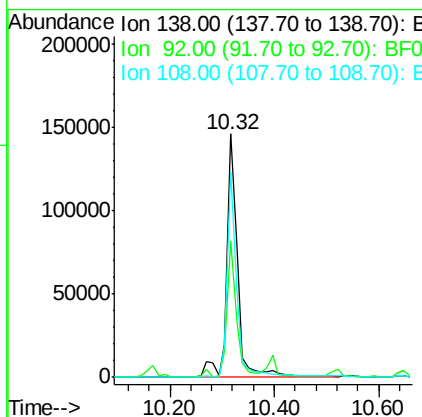
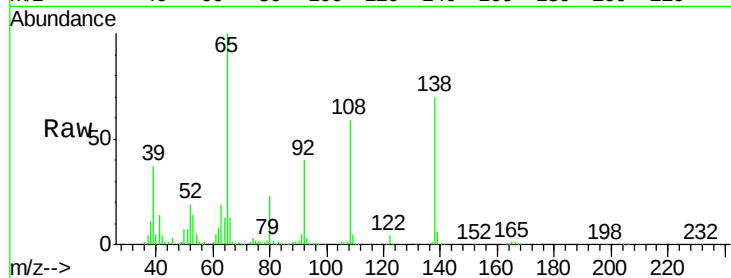




#61
 4-Nitroaniline
 Concen: 44.42 ng
 RT: 10.32 min Scan# 720
 Delta R.T. -0.00 min
 Lab File: BF086850.D
 Acq: 10 May 2016 5:13

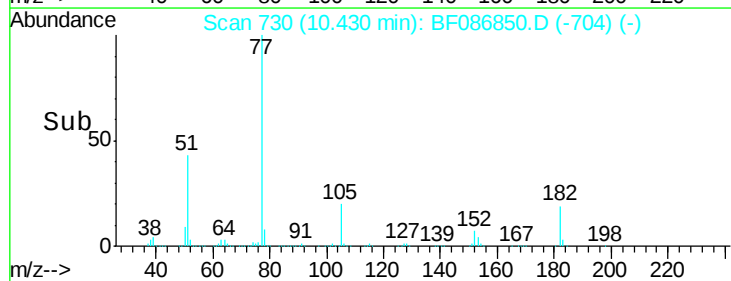
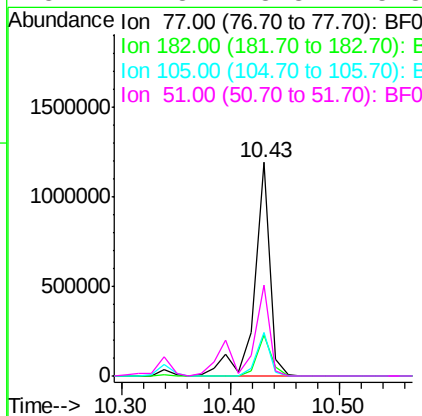
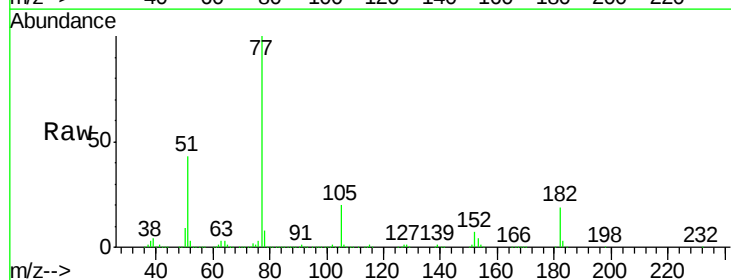
Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-AMBOY-SB09(0.5-6.0)M

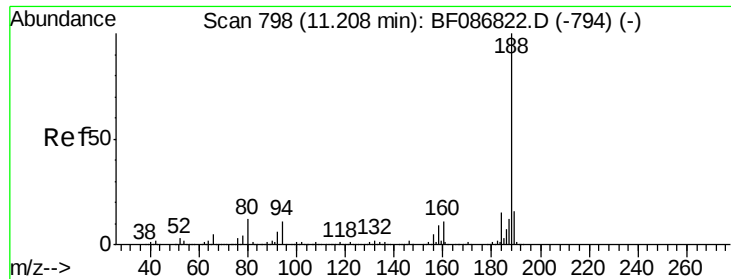
Tgt Ion: 138 Resp: 210998
 Ion Ratio Lower Upper
 138 100
 92 56.2 24.7 64.7
 108 84.1 37.4 77.4#



#62
 Azobenzene
 Concen: 50.28 ng
 RT: 10.43 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: BF086850.D
 Acq: 10 May 2016 5:13

Tgt Ion: 77 Resp: 1179950
 Ion Ratio Lower Upper
 77 100
 182 19.0 0.0 38.8
 105 20.4 3.2 43.2
 51 42.8 8.8 48.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 798

Delta R.T. -0.00 min

Lab File: BF086850.D

Acq: 10 May 2016 5:13

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

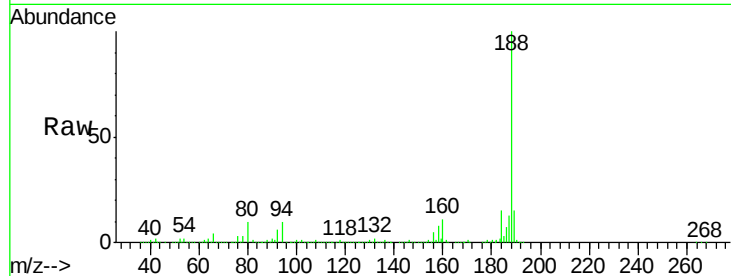
Tgt Ion:188 Resp: 506453

Ion Ratio Lower Upper

188 100

94 9.7 6.8 10.2

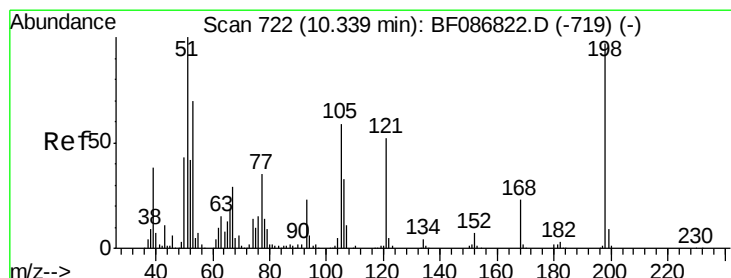
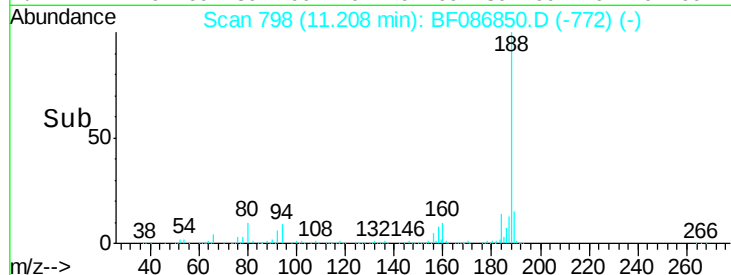
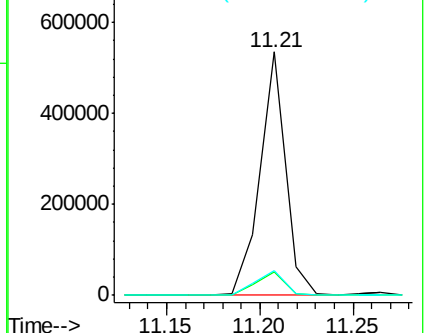
80 10.2 7.1 10.7



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: 34.40 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF086850.D

Acq: 10 May 2016 5:13

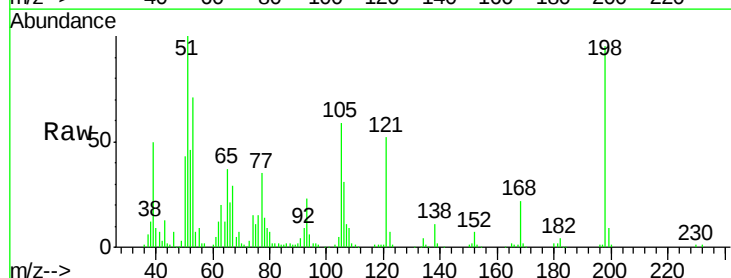
Tgt Ion:198 Resp: 108227

Ion Ratio Lower Upper

198 100

51 105.7 20.5 60.5#

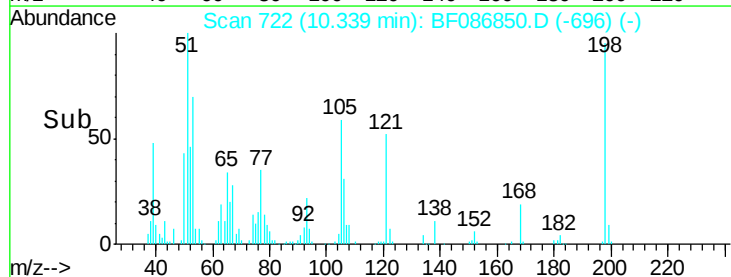
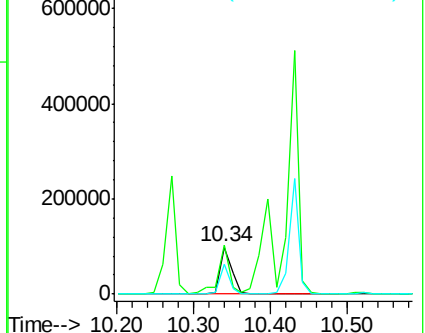
105 62.5 24.5 64.5

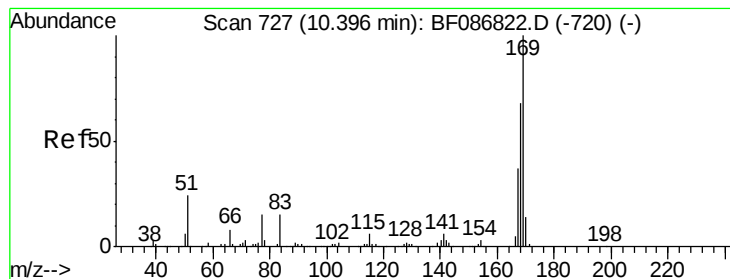


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 50.73 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF086850.D

Acq: 10 May 2016 5:13

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

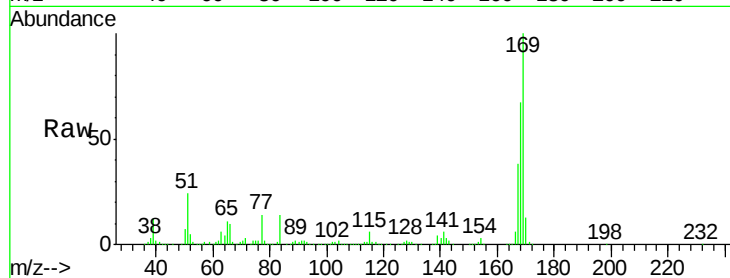
Tgt Ion:169 Resp: 789321

Ion Ratio Lower Upper

169 100

168 67.3 53.8 80.6

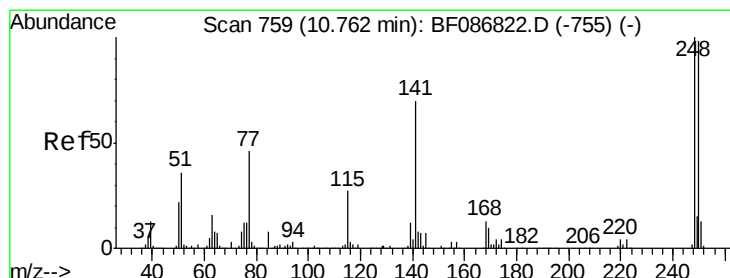
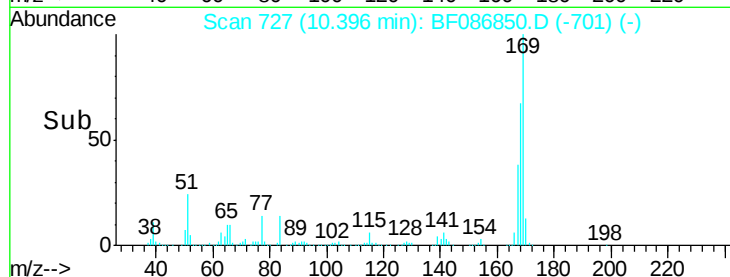
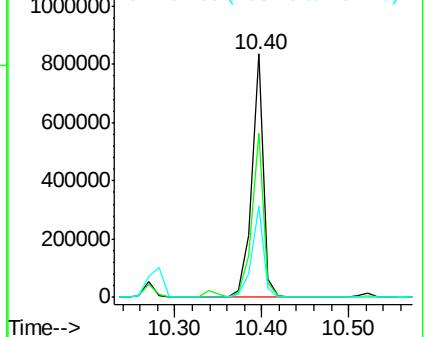
167 37.6 29.5 44.3



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: 52.85 ng

RT: 10.76 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF086850.D

Acq: 10 May 2016 5:13

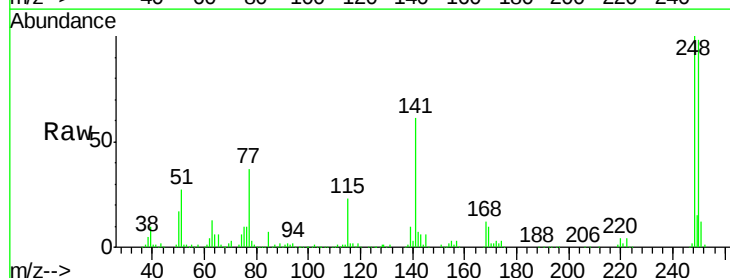
Tgt Ion:248 Resp: 271356

Ion Ratio Lower Upper

248 100

250 97.7 78.6 117.8

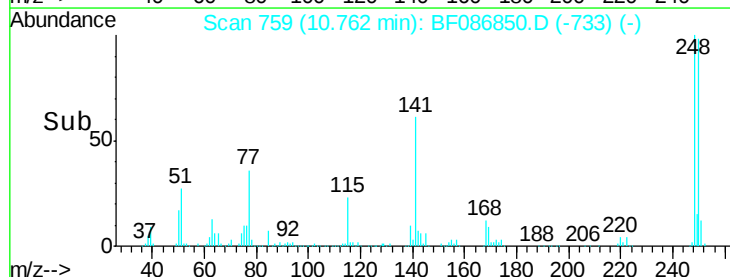
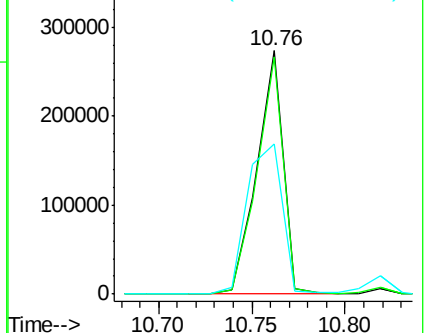
141 61.4 76.0 114.0#

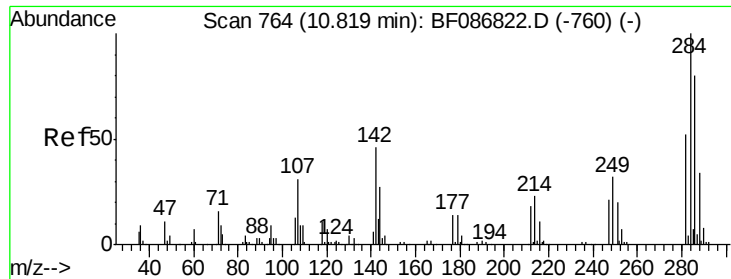


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

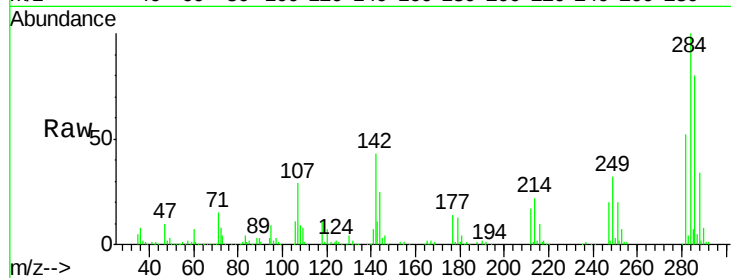




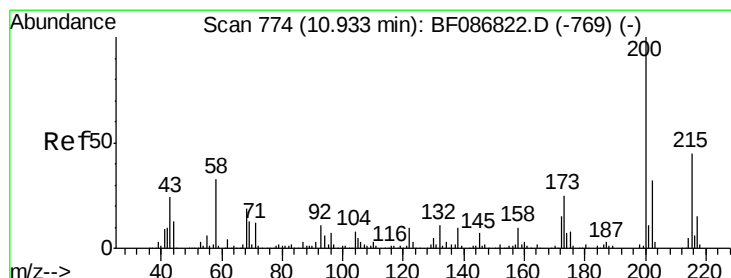
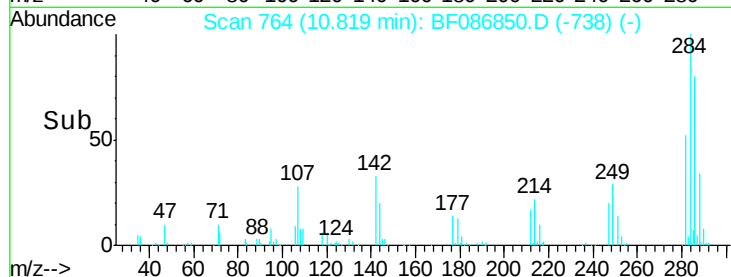
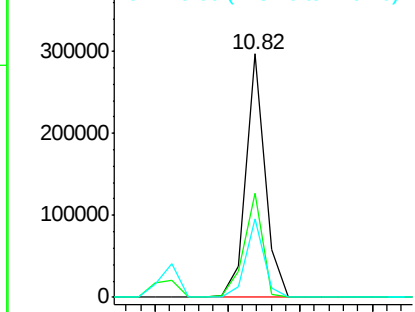
#67
Hexachlorobenzene
Concen: 45.33 ng
RT: 10.82 min Scan# 764
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

Tgt Ion: 284 Resp: 272008
Ion Ratio Lower Upper
284 100
142 42.9 16.7 25.1#
249 32.2 21.3 31.9#

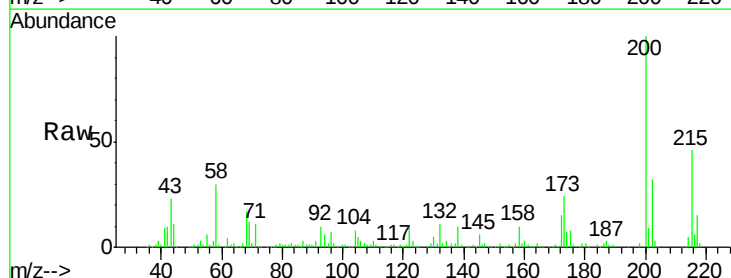


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

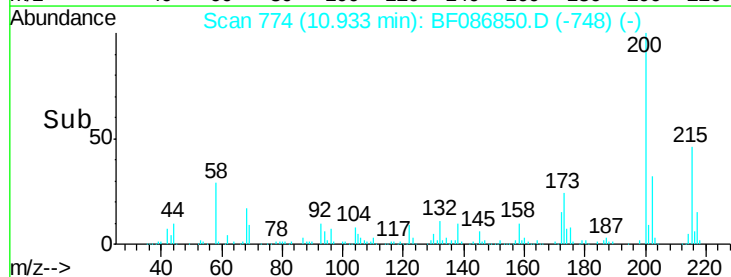
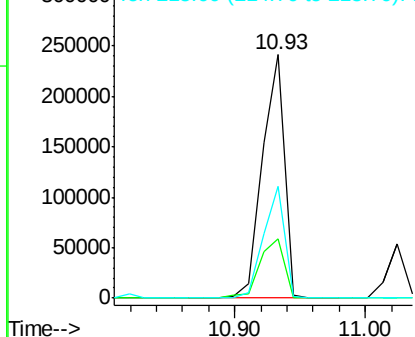


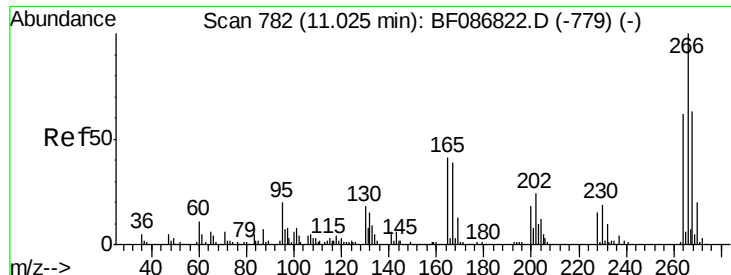
#68
Atrazine
Concen: 55.08 ng
RT: 10.93 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion: 200 Resp: 286291
Ion Ratio Lower Upper
200 100
173 24.3 8.5 48.5
215 45.7 27.2 67.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

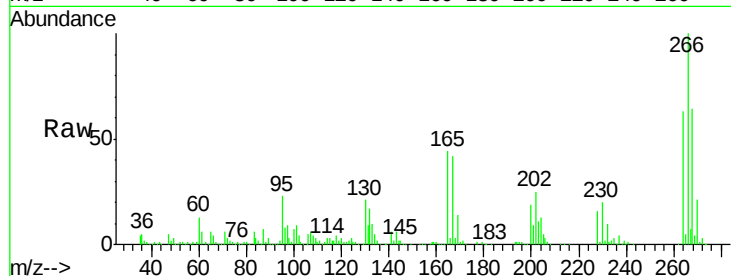




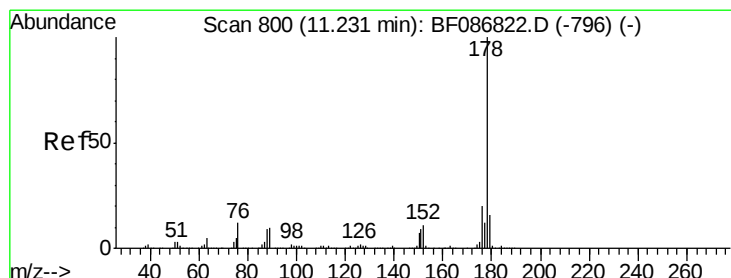
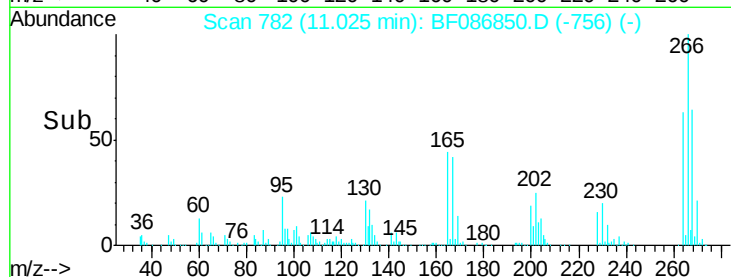
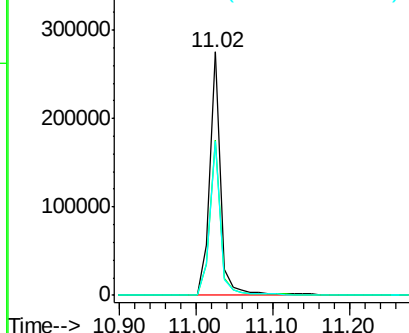
#69
 Pentachlorophenol
 Concen: 98.40 ng
 RT: 11.02 min Scan# 782
 Delta R.T. -0.00 min
 Lab File: BF086850.D
 Acq: 10 May 2016 5:13

Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-AMBOY-SB09(0.5-6.0)M

Tgt Ion:266 Resp: 272907
 Ion Ratio Lower Upper
 266 100
 268 63.6 51.5 77.3
 264 63.2 52.9 79.3

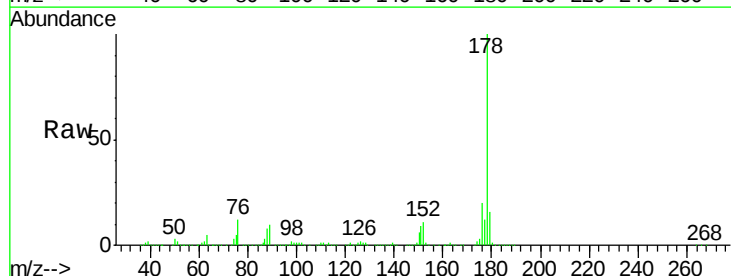


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

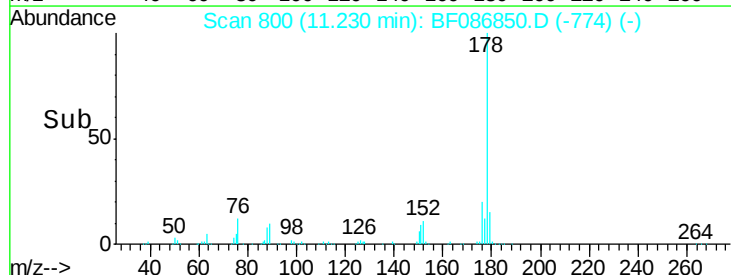
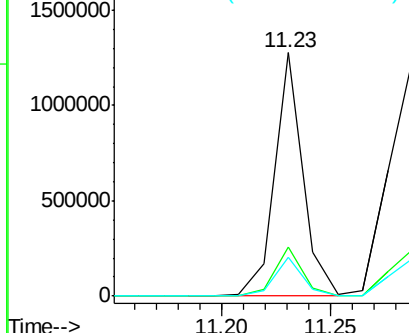


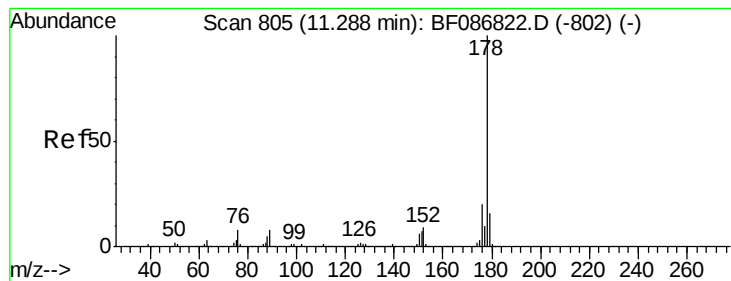
#70
 Phenanthrene
 Concen: 42.98 ng
 RT: 11.23 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF086850.D
 Acq: 10 May 2016 5:13

Tgt Ion:178 Resp: 1161602
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.0 24.0
 179 15.8 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: 49.55 ng

RT: 11.29 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF086850.D

Acq: 10 May 2016 5:13

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

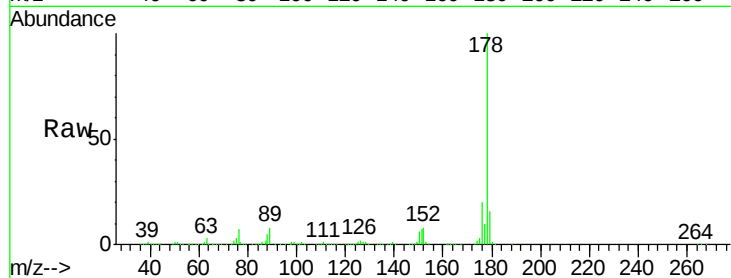
Tgt Ion:178 Resp: 1369667

Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

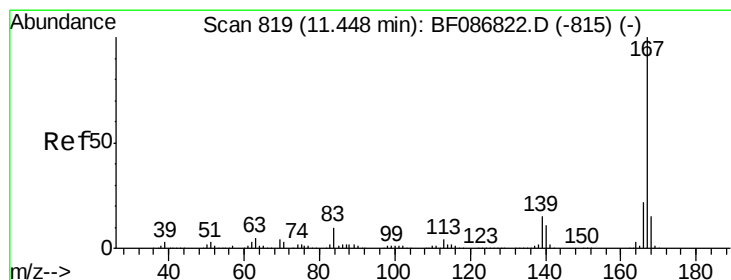
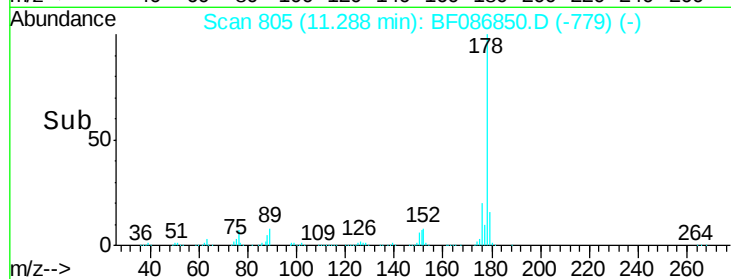
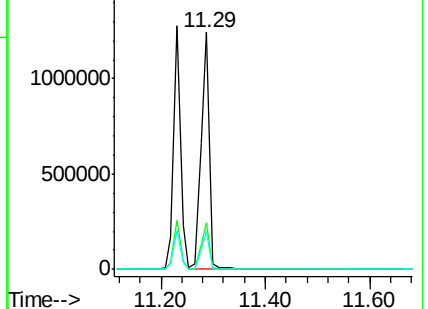
179 15.9 12.7 19.1



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



#72

Carbazole

Concen: 50.95 ng

RT: 11.45 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF086850.D

Acq: 10 May 2016 5:13

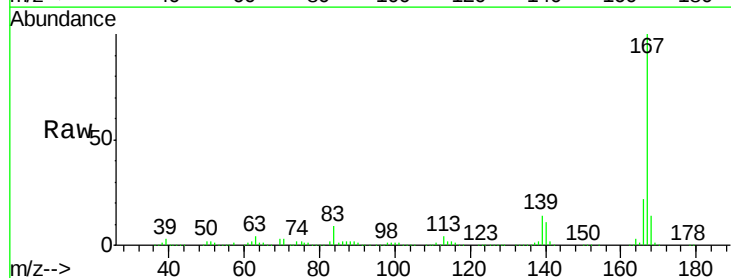
Tgt Ion:167 Resp: 1210727

Ion Ratio Lower Upper

167 100

166 22.5 17.7 26.5

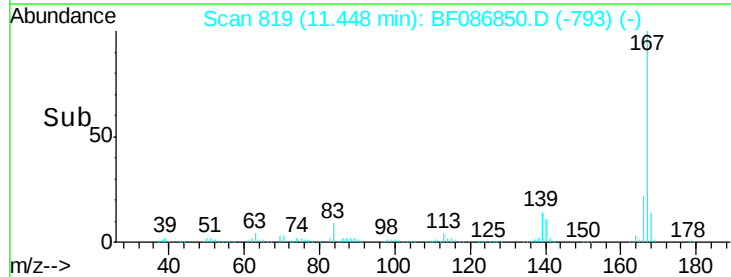
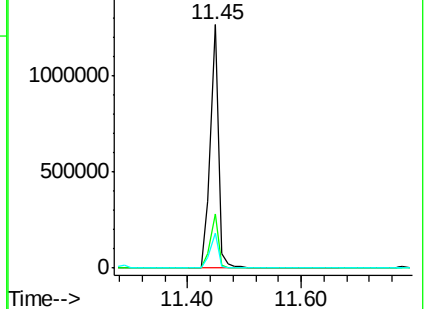
139 14.5 10.8 16.2

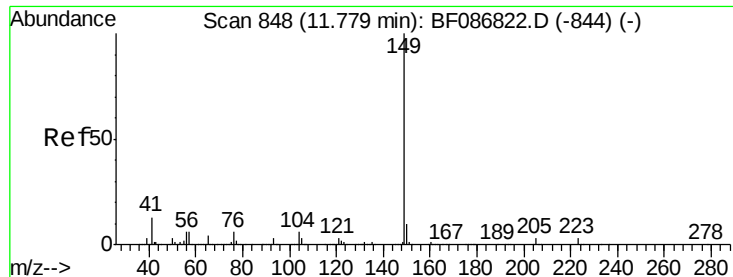


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 51.56 ng

RT: 11.78 min Scan# 848

Delta R.T. -0.00 min

Lab File: BF086850.D

Acq: 10 May 2016 5:13

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

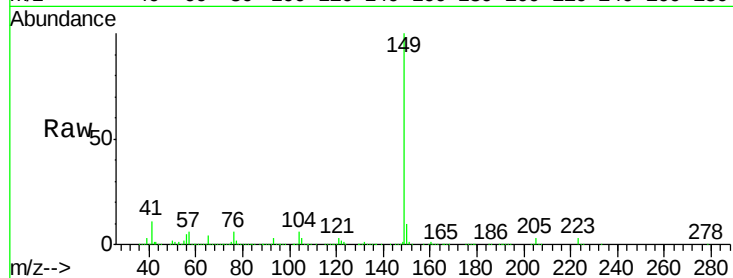
Tgt Ion:149 Resp: 1496084

Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

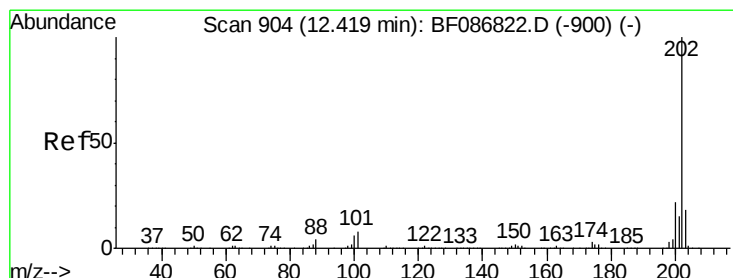
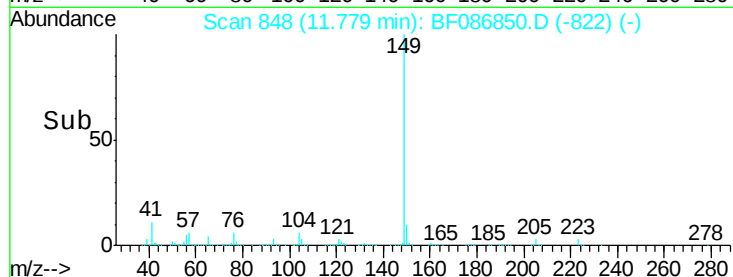
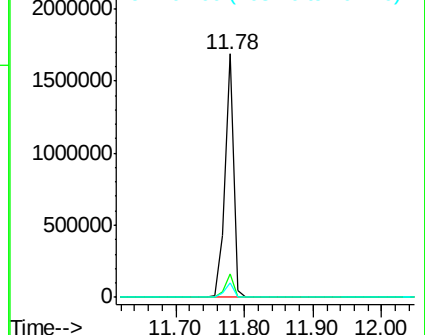
104 5.8 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.78 ng

RT: 12.41 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF086850.D

Acq: 10 May 2016 5:13

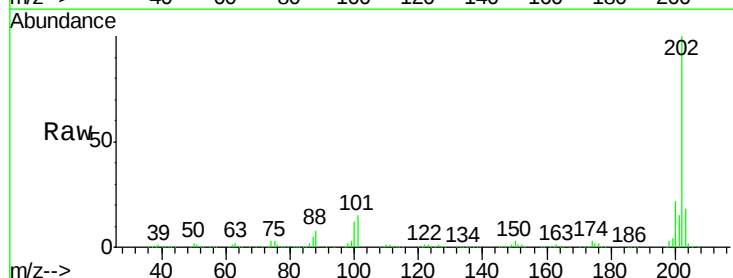
Tgt Ion:202 Resp: 1078144

Ion Ratio Lower Upper

202 100

101 15.3 0.0 35.4

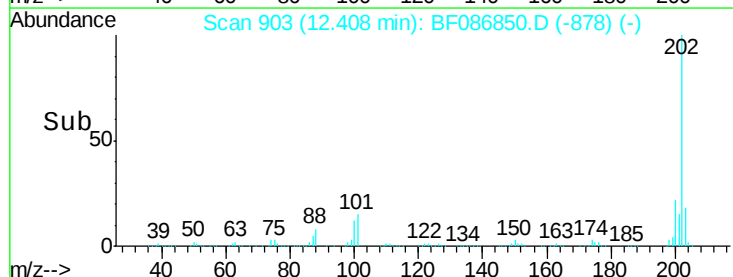
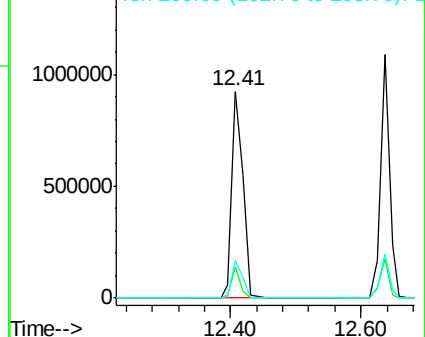
203 18.1 0.0 38.1

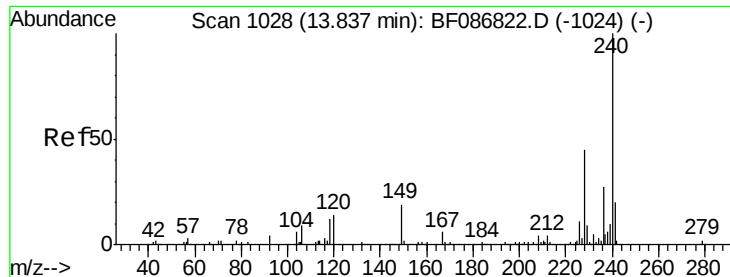


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF086850.D

Acq: 10 May 2016 5:13

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

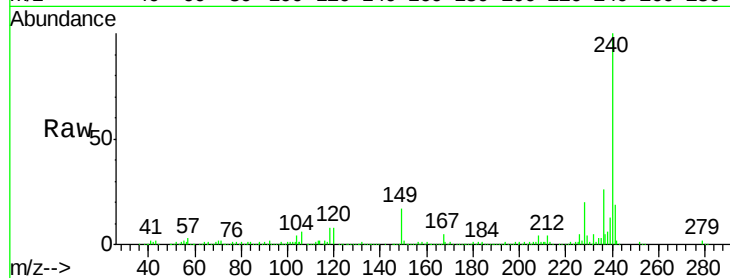
Tgt Ion:240 Resp: 286704

Ion Ratio Lower Upper

240 100

120 8.1 11.2 16.8#

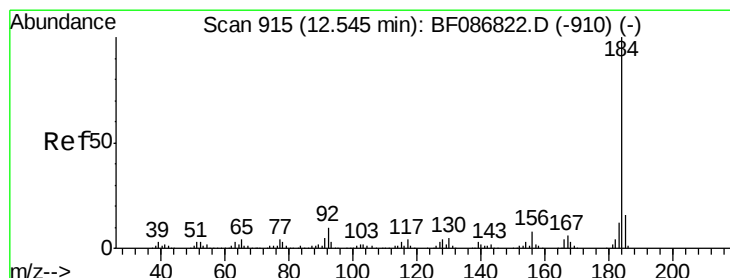
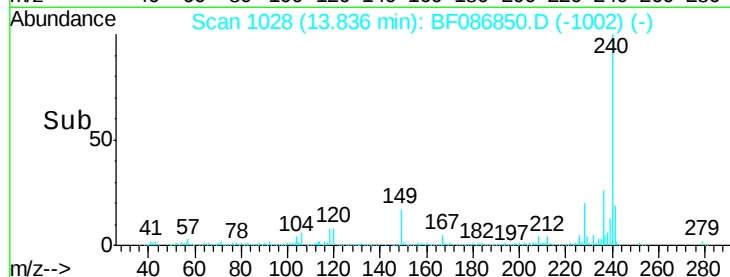
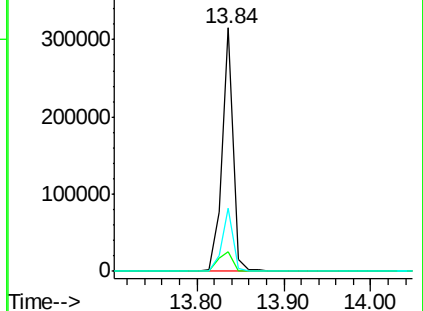
236 25.9 21.2 31.8



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: 20.58 ng

RT: 12.54 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF086850.D

Acq: 10 May 2016 5:13

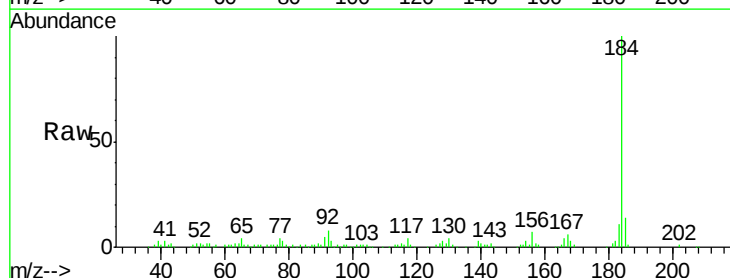
Tgt Ion:184 Resp: 150445

Ion Ratio Lower Upper

184 100

185 14.4 13.6 20.4

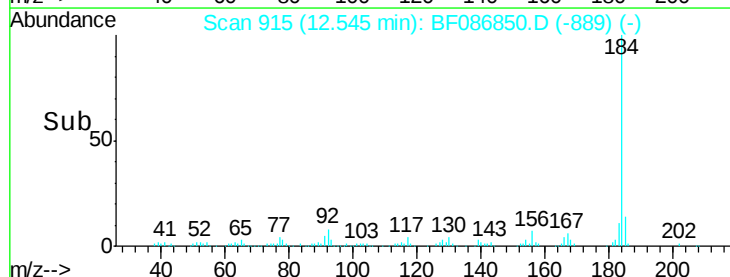
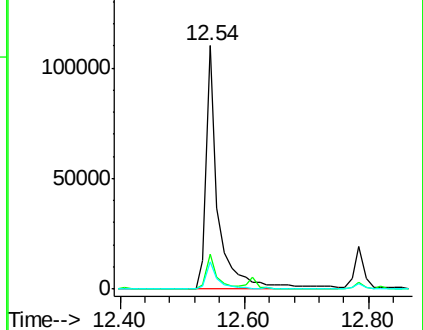
183 11.1 9.8 14.6

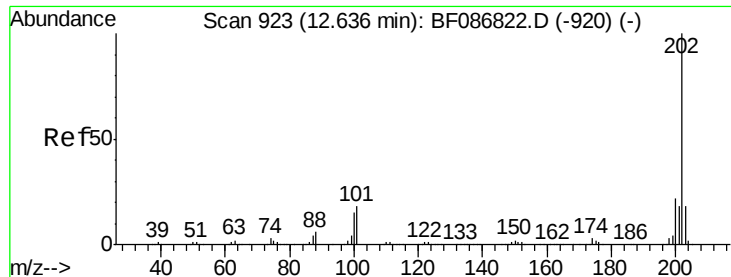


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

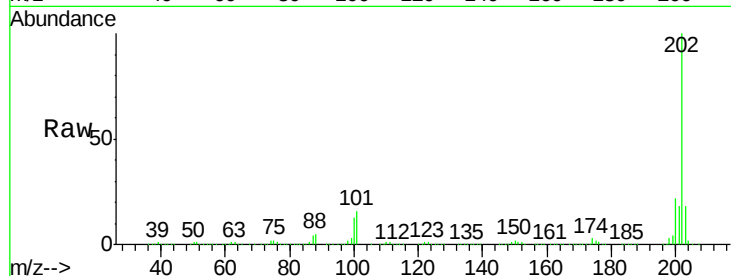




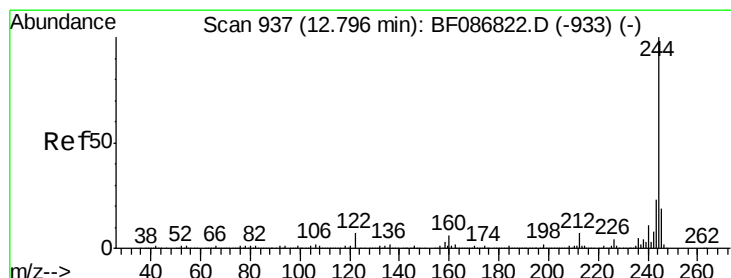
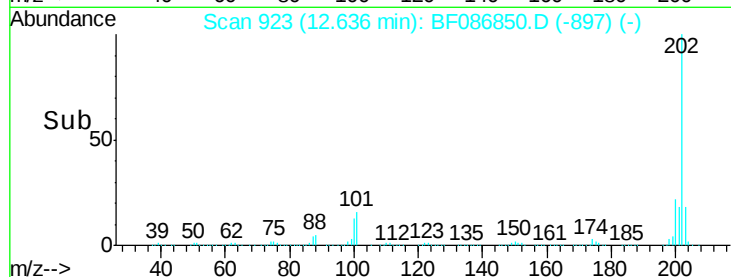
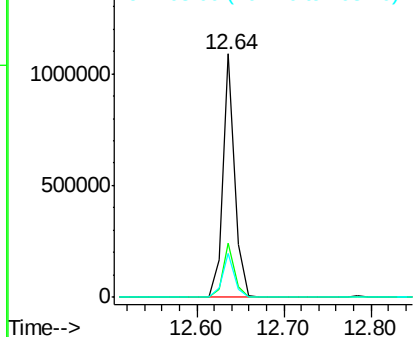
#77
 Pyrene
 Concen: 47.13 ng
 RT: 12.64 min Scan# 923
 Delta R.T. -0.00 min
 Lab File: BF086850.D
 Acq: 10 May 2016 5:13

Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-AMBOY-SB09(0.5-6.0)M

Tgt Ion: 202 Resp: 1034555
 Ion Ratio Lower Upper
 202 100
 200 22.2 17.7 26.5
 203 17.8 14.2 21.4

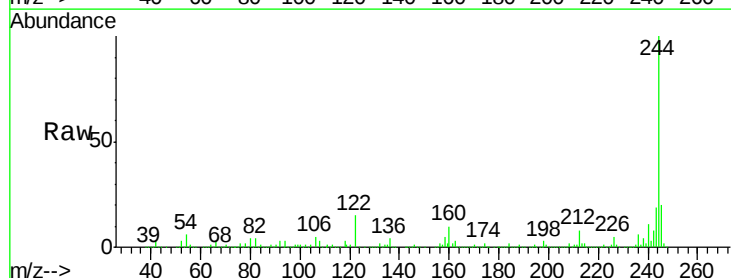


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

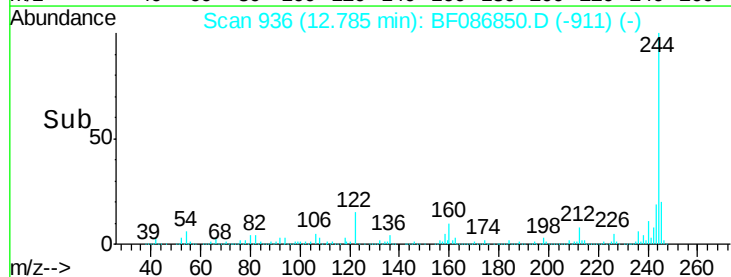
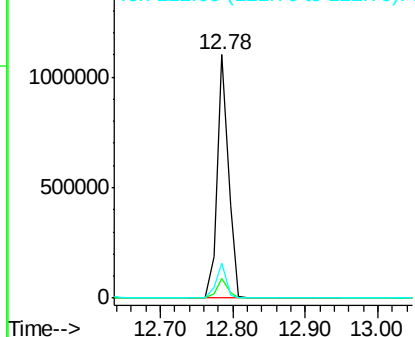


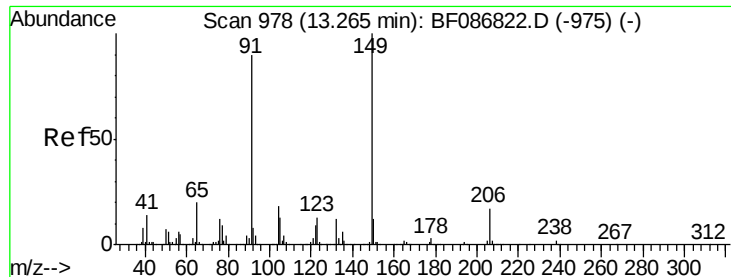
#78
 Terphenyl-d14
 Concen: 88.32 ng
 RT: 12.78 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BF086850.D
 Acq: 10 May 2016 5:13

Tgt Ion: 244 Resp: 1193505
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.2
 122 14.6 12.0 18.0



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





#79

Butylbenzylphthalate

Concen: 54.90 ng

RT: 13.26 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF086850.D

Acq: 10 May 2016 5:13

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

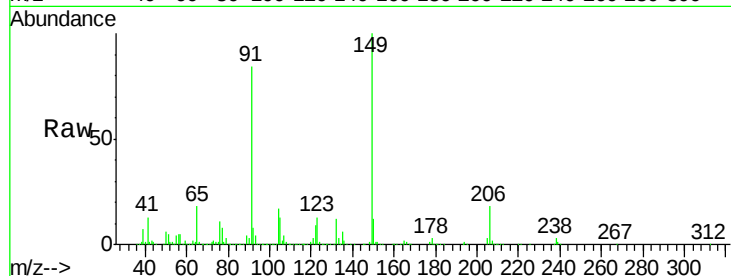
Tgt Ion:149 Resp: 509687

Ion Ratio Lower Upper

149 100

91 84.0 48.0 72.0#

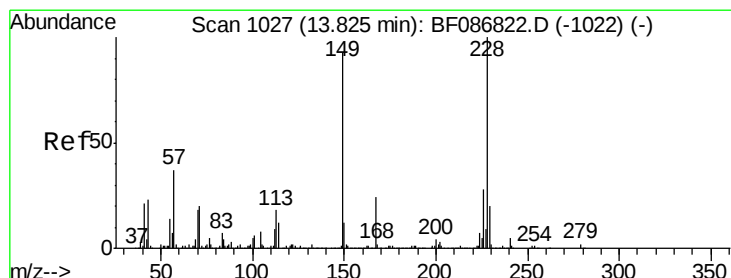
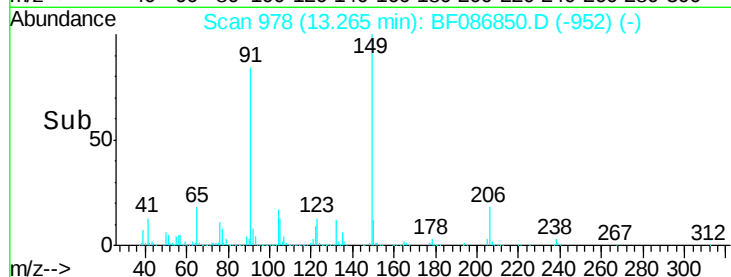
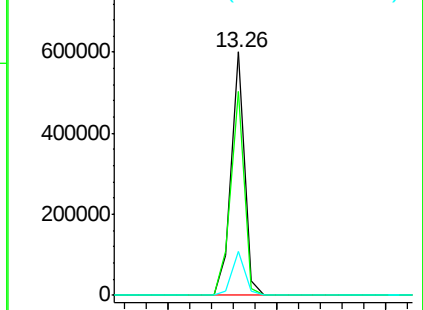
206 18.0 15.8 23.6



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: 46.61 ng

RT: 13.83 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BF086850.D

Acq: 10 May 2016 5:13

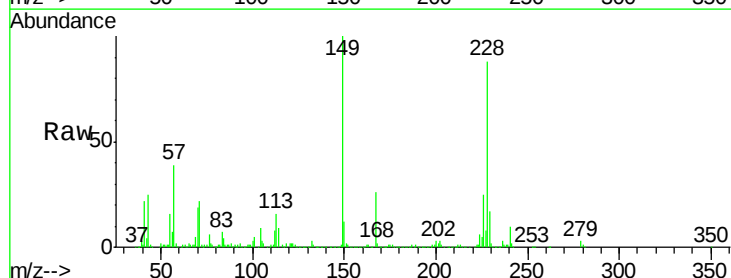
Tgt Ion:228 Resp: 750135

Ion Ratio Lower Upper

228 100

226 28.1 22.5 33.7

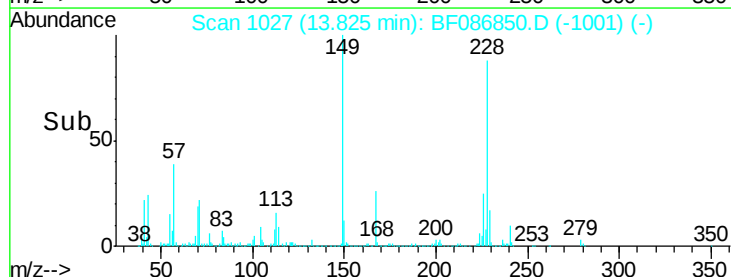
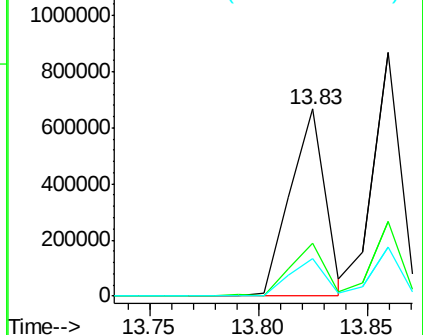
229 19.8 16.6 25.0

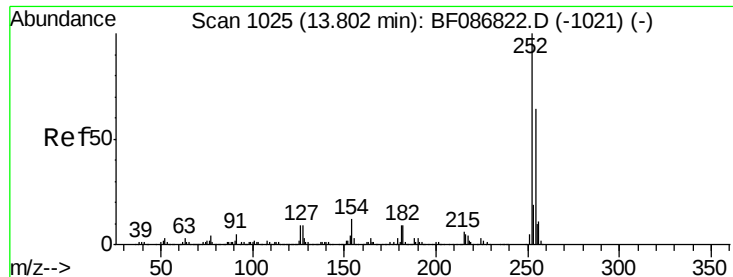


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

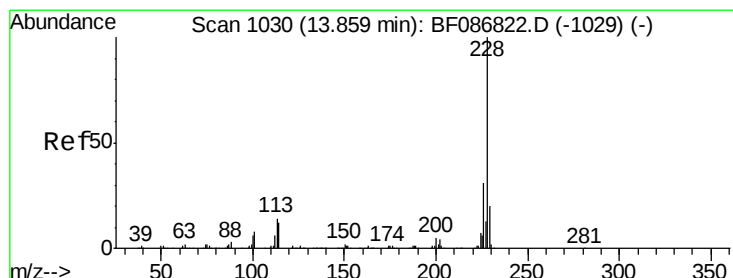
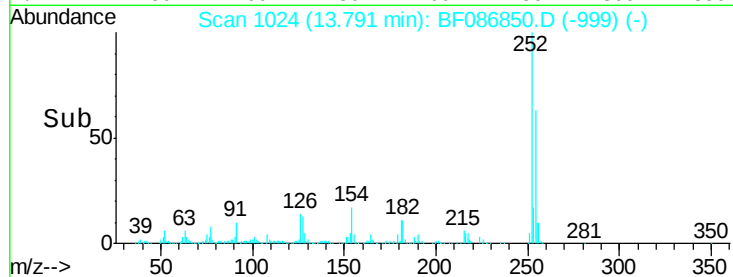
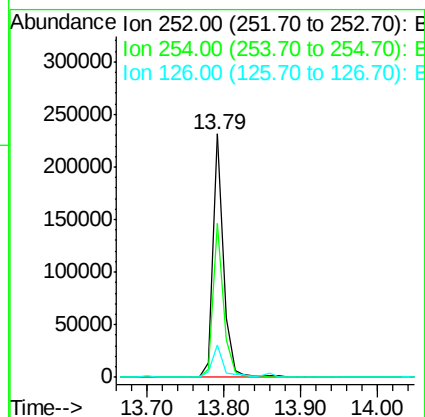
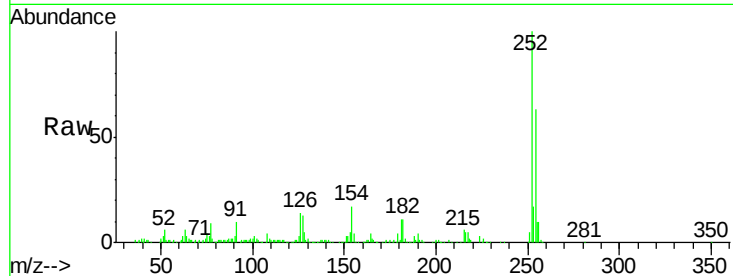




#81
 3,3'-Dichlorobenzidine
 Concen: 21.51 ng
 RT: 13.79 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BF086850.D
 Acq: 10 May 2016 5:13

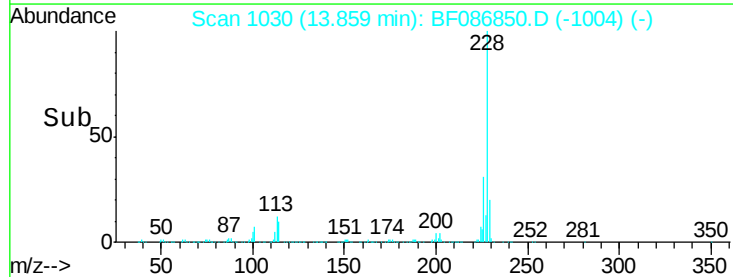
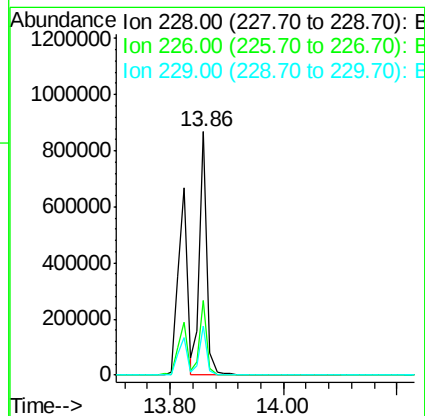
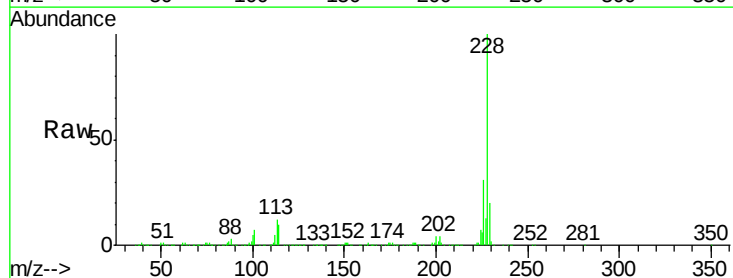
Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-AMBOY-SB09(0.5-6.0)M

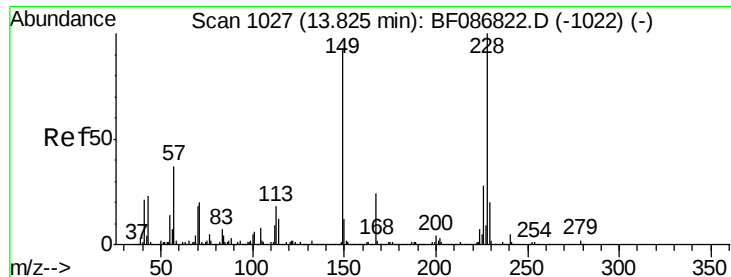
Tgt Ion:252 Resp: 219964
 Ion Ratio Lower Upper
 252 100
 254 63.4 50.7 76.1
 126 13.6 12.7 19.1



#82
 Chrysene
 Concen: 47.63 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BF086850.D
 Acq: 10 May 2016 5:13

Tgt Ion:228 Resp: 779722
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.4 36.6
 229 20.2 15.8 23.8

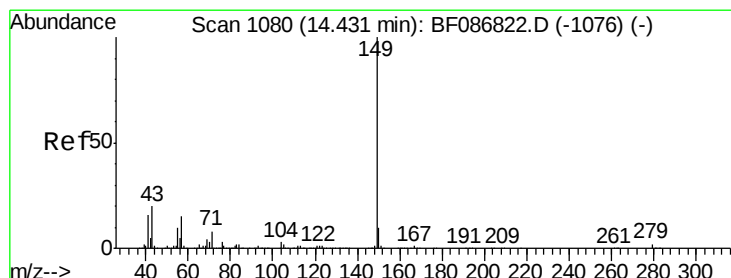
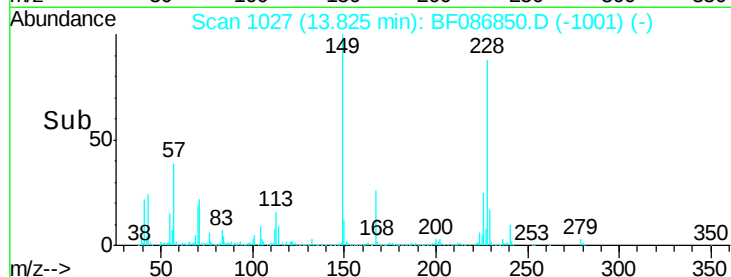
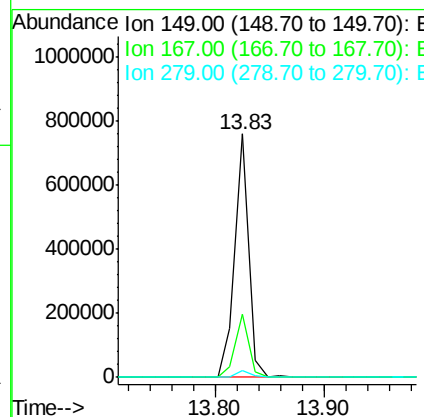
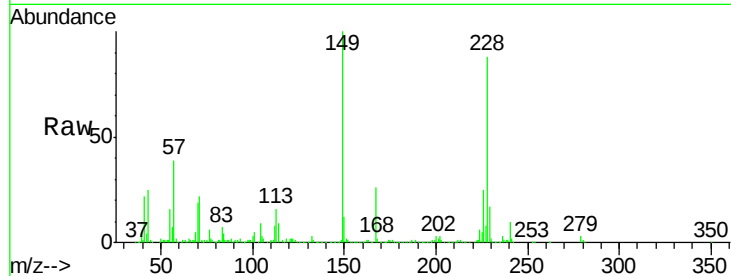




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 59.90 ng
 RT: 13.83 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BF086850.D
 Acq: 10 May 2016 5:13

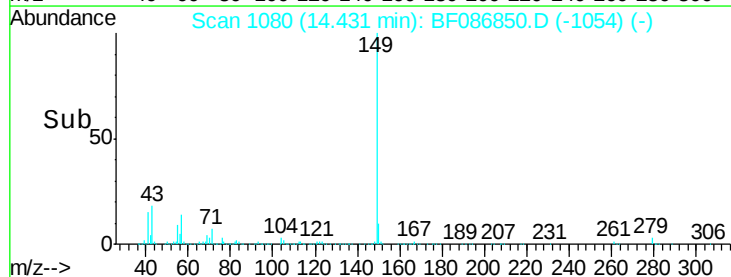
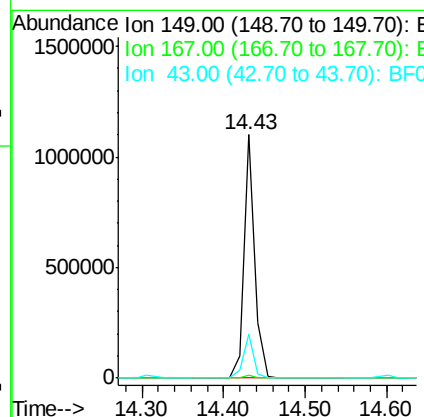
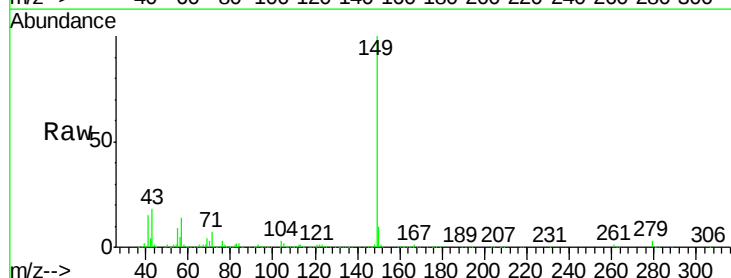
Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-AMBOY-SB09(0.5-6.0)M

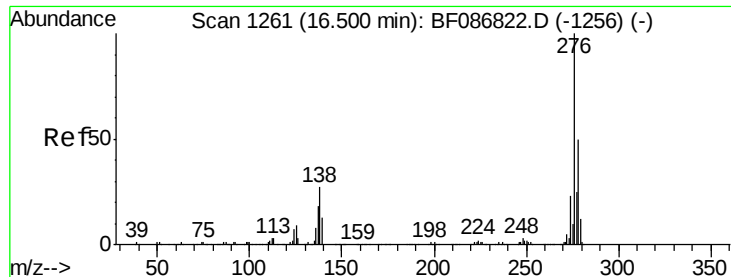
Tgt Ion:149 Resp: 668963
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.8 32.6
 279 2.9 2.6 4.0



#84
 Di-n-octyl phthalate
 Concen: 54.33 ng
 RT: 14.43 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: BF086850.D
 Acq: 10 May 2016 5:13

Tgt Ion:149 Resp: 1005089
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 17.3 8.2 12.4#





#85

Indeno(1,2,3-cd)pyrene

Concen: 63.73 ng

RT: 16.50 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BF086850.D

Acq: 10 May 2016 5:13

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

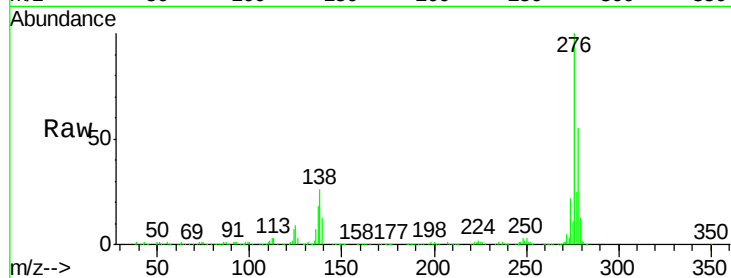
Tgt Ion:276 Resp: 868149

Ion Ratio Lower Upper

276 100

138 27.2 25.6 38.4

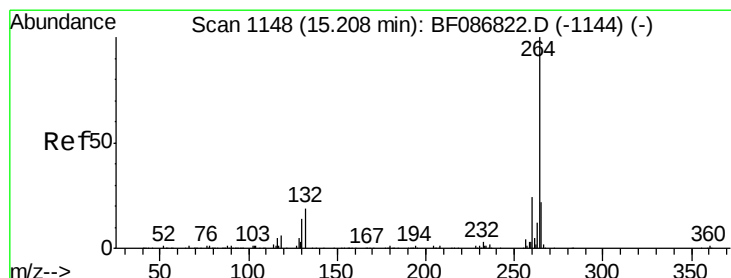
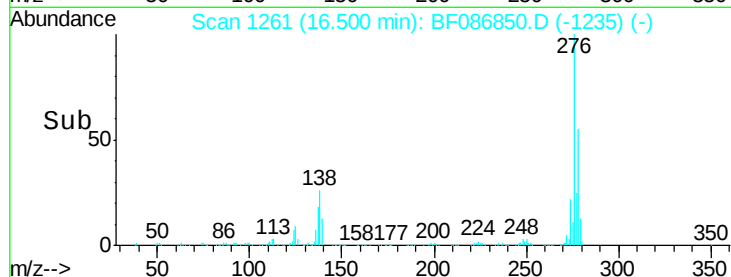
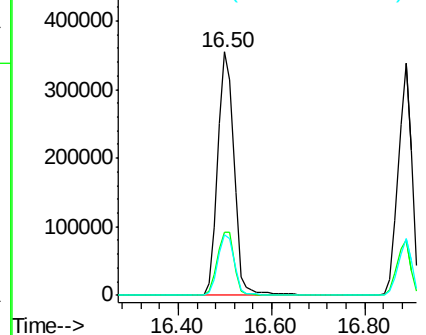
277 25.3 20.5 30.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.21 min Scan# 1148

Delta R.T. -0.00 min

Lab File: BF086850.D

Acq: 10 May 2016 5:13

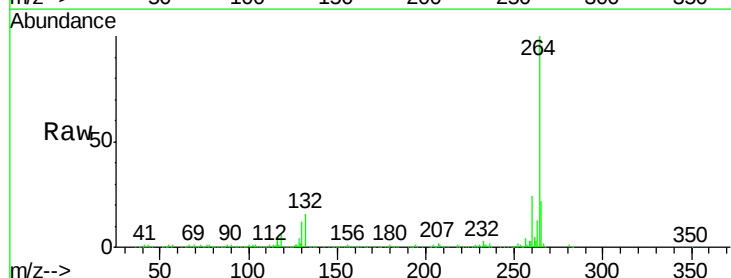
Tgt Ion:264 Resp: 298378

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

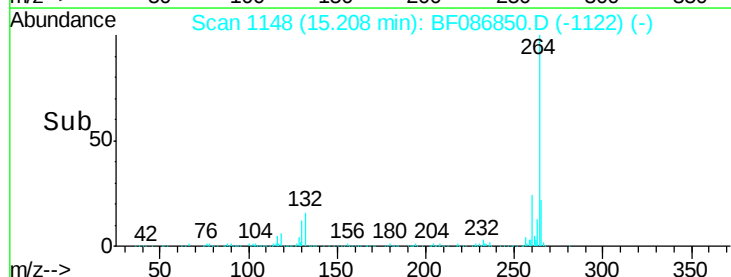
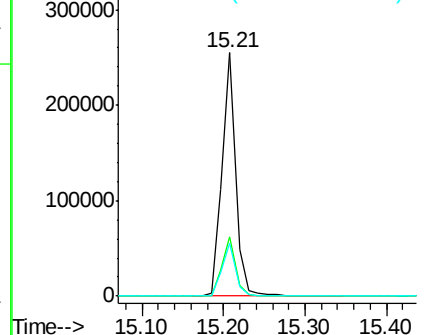
265 21.6 17.3 25.9

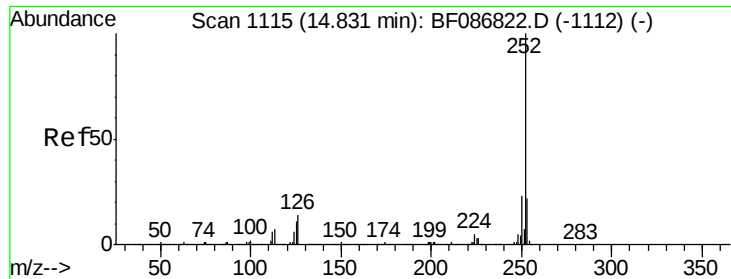


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

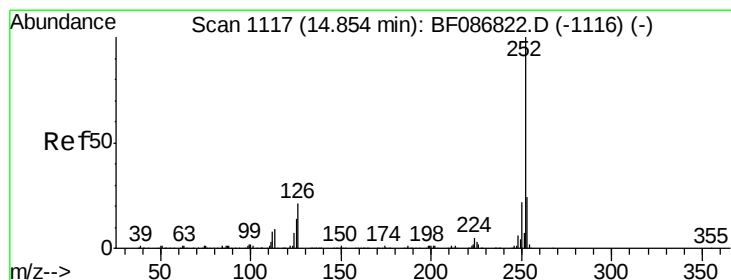
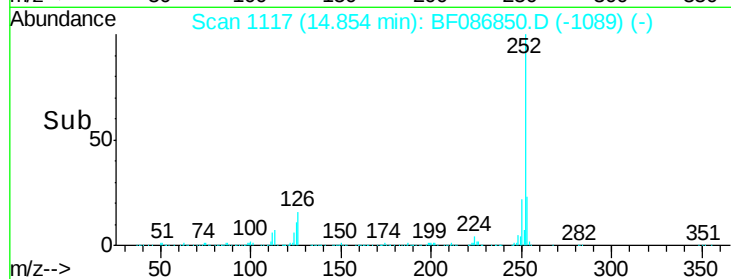
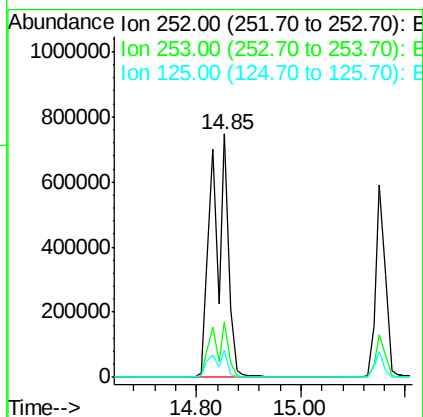
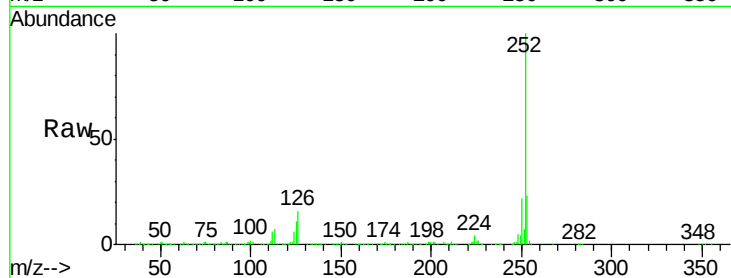




#87
Benzo(b)fluoranthene
Concen: 80.99 ng
RT: 14.85 min Scan# 1117
Delta R.T. 0.02 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

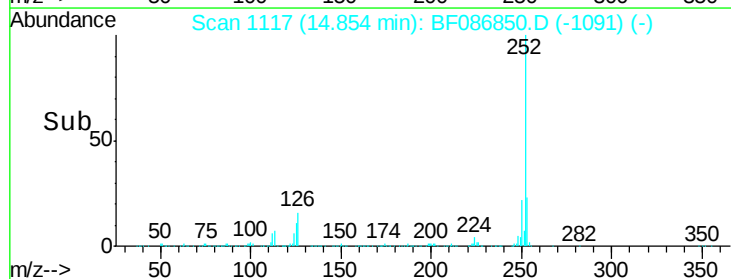
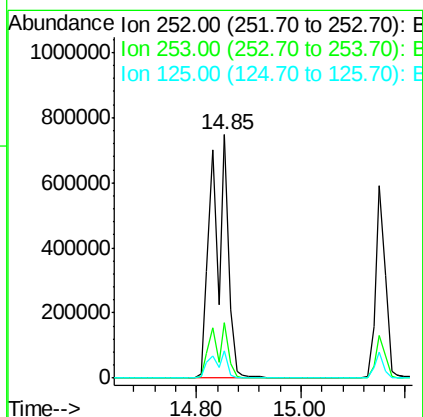
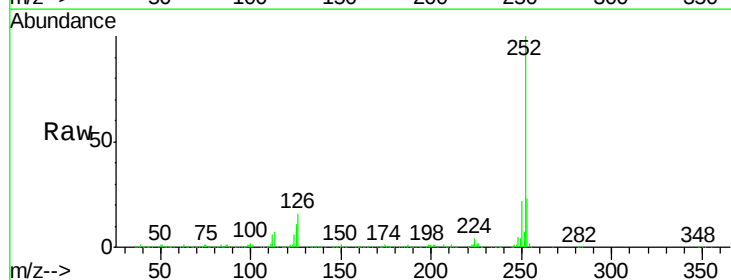
Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

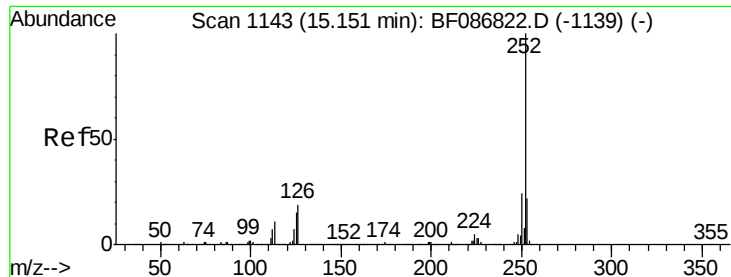
Tgt Ion:252 Resp: 1570551
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 11.4 11.4 17.0



#88
Benzo(k)fluoranthene
Concen: 98.91 ng
RT: 14.85 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:252 Resp: 1570551
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 11.4 9.1 13.7





#89

Benzo(a)pyrene

Concen: 45.85 ng

RT: 15.15 min Scan# 1143

Delta R.T. -0.00 min

Lab File: BF086850.D

Acq: 10 May 2016 5:13

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

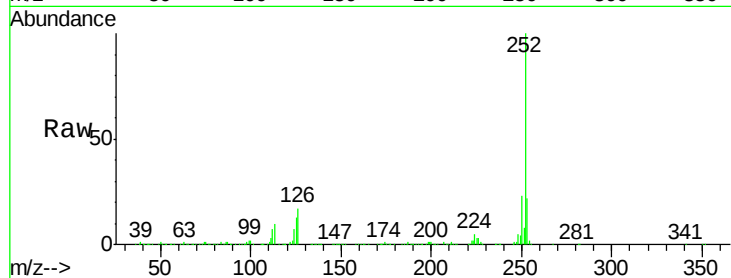
Tgt Ion: 252 Resp: 766836

Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

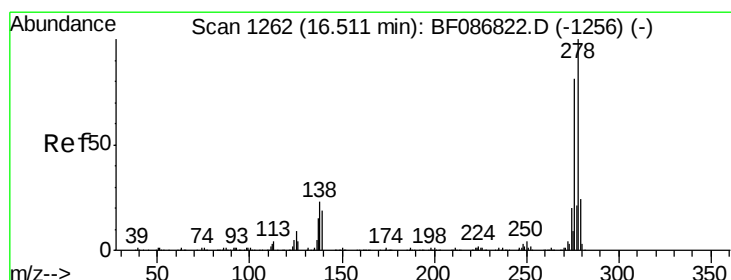
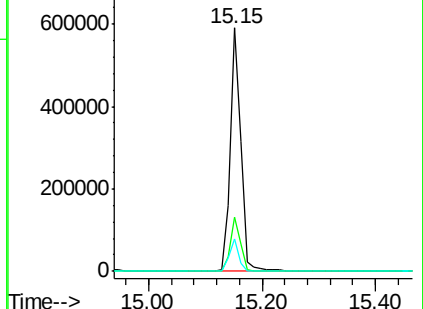
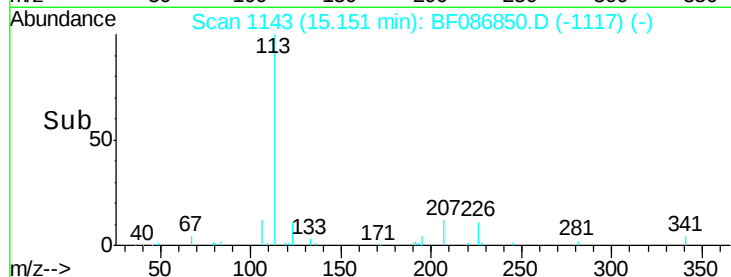
125 13.4 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 51.66 ng

RT: 16.51 min Scan# 1262

Delta R.T. -0.00 min

Lab File: BF086850.D

Acq: 10 May 2016 5:13

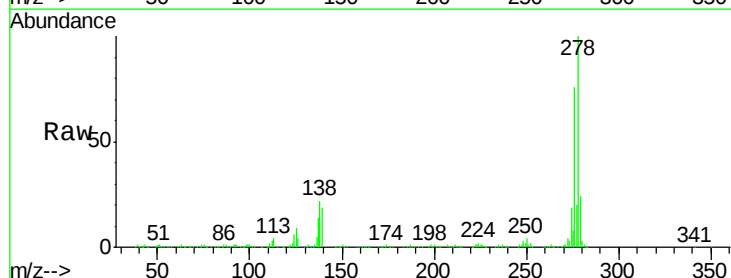
Tgt Ion: 278 Resp: 728288

Ion Ratio Lower Upper

278 100

139 18.6 16.6 24.8

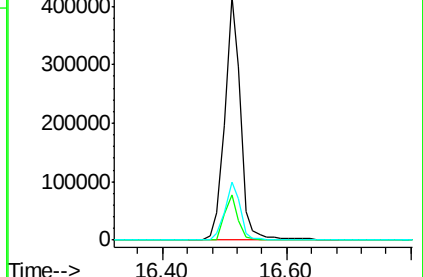
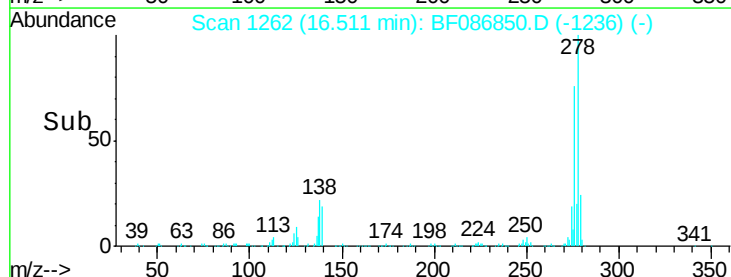
279 23.9 19.6 29.4

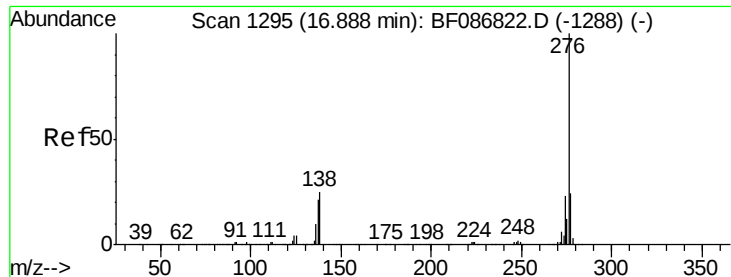


Abundance Ion 278.00 (277.70 to 278.70): E

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: 48.45 ng

RT: 16.89 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BF086850.D

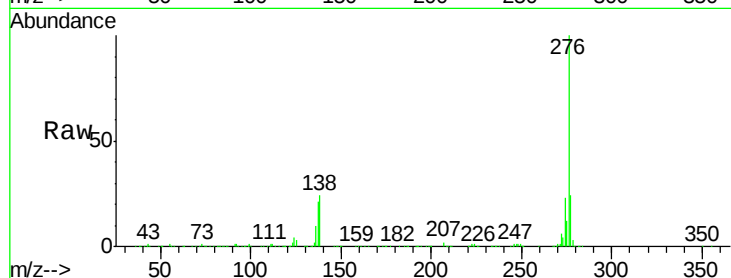
Acq: 10 May 2016 5:13

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M



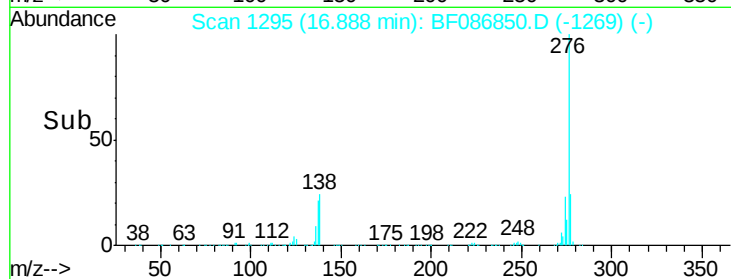
Tgt Ion: 276 Resp: 694013

Ion Ratio Lower Upper

276 100

277 24.2 19.6 29.4

138 23.9 23.6 35.4



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

