

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040416\
 Data File : BF086064.D
 Acq On : 5 Apr 2016 5:06
 Operator : UM/SJ
 Sample : H2111-04MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-29COMP(0.5-15.0)MSD

Quant Time: Apr 05 05:30:29 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	108842	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	408050	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	161391	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	253839	20.00	ng	-0.01
75) Chrysene-d12	13.92	240	174583	20.00	ng	-0.01
86) Perylene-d12	15.32	264	137172	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	892171	140.11	ng	0.00
7) Phenol-d6	6.42	99	1063782	131.52	ng	0.00
23) Nitrobenzene-d5	7.33	82	678491	98.06	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	185497	122.46	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	969958	99.93	ng	-0.01
78) Terphenyl-d14	12.87	244	715049	96.28	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	126818	42.01	ng	99
3) Pyridine	3.05	79	351885	52.07	ng	99
4) n-Nitrosodimethylamine	3.00	42	157552	53.01	ng	97
6) Aniline	6.43	93	230923	21.76	ng	# 1
8) 2-Chlorophenol	6.56	128	356365	46.93	ng	97
9) Benzaldehyde	6.30	77	165460	38.02	ng	90
10) Phenol	6.43	94	407574	44.18	ng	84
11) bis(2-Chloroethyl)ether	6.51	93	346284	47.40	ng	95
12) 1,3-Dichlorobenzene	6.78	146	383840	47.69	ng	97
13) 1,4-Dichlorobenzene	6.78	146	383840	46.29	ng	94
14) 1,2-Dichlorobenzene	6.93	146	340868	44.66	ng	97
15) Benzyl Alcohol	6.92	79	253346	48.42	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.05	45	384680	43.10	ng	68
17) 2-Methylphenol	7.04	107	281733	47.06	ng	96
18) Hexachloroethane	7.28	117	97352	31.92	ng	98
19) n-Nitroso-di-n-propylamine	7.18	70	225945	45.07	ng	# 92
20) 3+4-Methylphenols	7.20	107	357388	49.08	ng	# 63
22) Acetophenone	7.18	105	481990	50.25	ng	# 90
24) Nitrobenzene	7.36	77	375730	49.63	ng	97
25) Isophorone	7.60	82	678546	49.68	ng	96
26) 2-Nitrophenol	7.68	139	135858	37.51	ng	92
27) 2,4-Dimethylphenol	7.72	122	325826	50.09	ng	95
28) bis(2-Chloroethoxy)methane	7.80	93	403485	50.35	ng	# 97
29) 2,4-Dichlorophenol	7.92	162	261718	47.59	ng	94
30) 1,2,4-Trichlorobenzene	8.00	180	293935	47.62	ng	96
31) Naphthalene	8.08	128	984586	47.97	ng	99
32) Benzoic acid	7.82	122	37906	7.94	ng	94
33) 4-Chloroaniline	8.13	127	113400	13.68	ng	98
34) Hexachlorobutadiene	8.19	225	157874	47.57	ng	99
35) Caprolactam	8.50	113	82474	47.27	ng	92
36) 4-Chloro-3-methylphenol	8.62	107	281924	45.60	ng	98
37) 2-Methylnaphthalene	8.76	142	558698	41.67	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	252887	52.13	ng	99
40) Hexachlorocyclopentadiene	8.91	237	8544	11.78	ng	94

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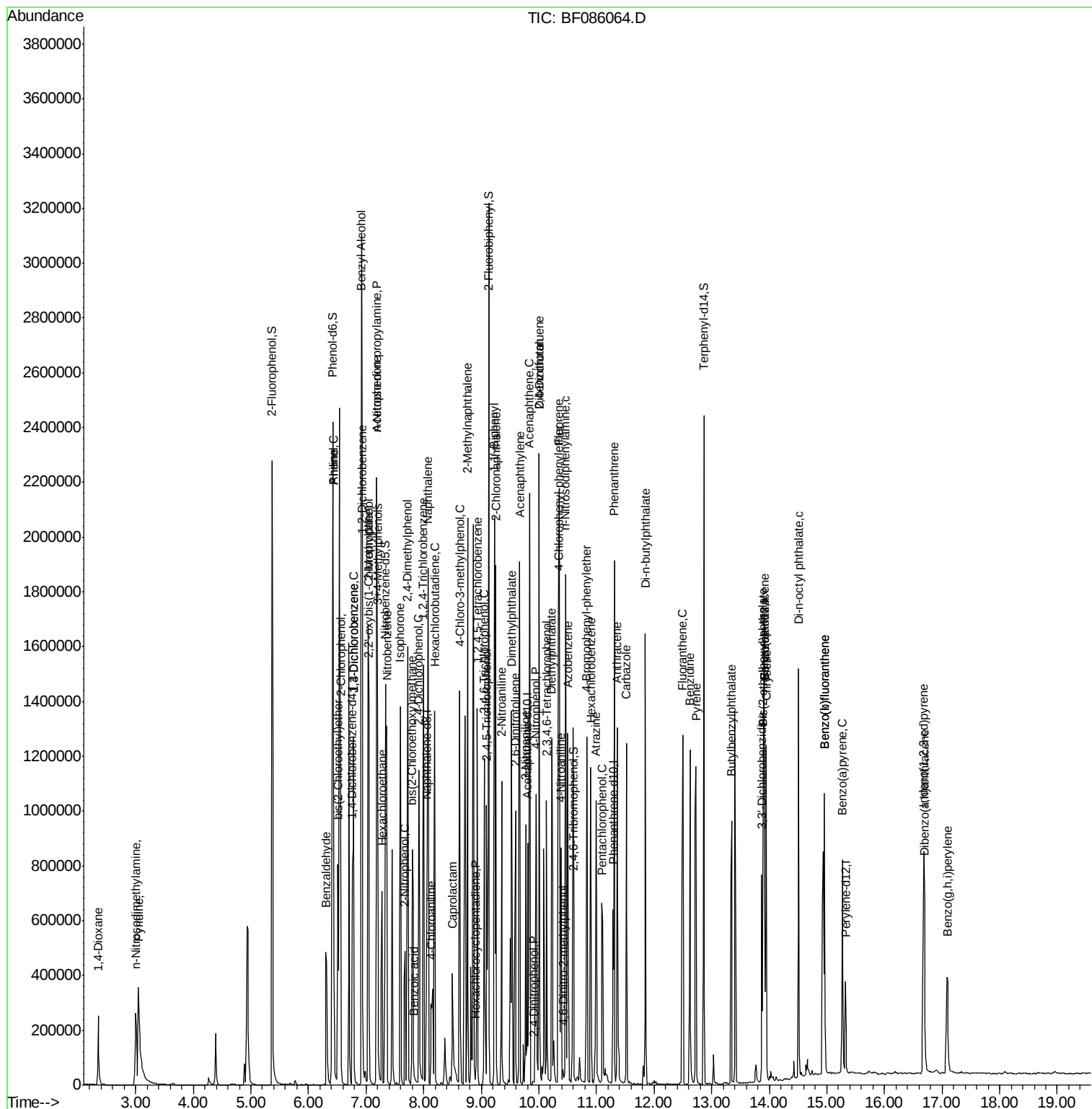
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	156317	50.18	ng	100
43) 2,4,5-Trichlorophenol	9.09	196	164059	51.88	ng #	85
45) 1,1'-Biphenyl	9.23	154	702291	50.47	ng	96
46) 2-Chloronaphthalene	9.25	162	513958	50.95	ng	95
47) 2-Nitroaniline	9.36	65	178612	60.52	ng	97
48) Acenaphthylene	9.66	152	762934	47.21	ng	100
49) Dimethylphthalate	9.53	163	723792	60.51	ng	99
50) 2,6-Dinitrotoluene	9.60	165	107164	42.34	ng	99
51) Acenaphthene	9.84	154	451143	46.94	ng	99
52) 3-Nitroaniline	9.77	138	140716	46.13	ng	100
53) 2,4-Dinitrophenol	9.90	184	3164	5.41	ng	90
54) Dibenzofuran	10.01	168	623896	49.16	ng	98
55) 4-Nitrophenol	9.95	139	154002	85.64	ng	96
56) 2,4-Dinitrotoluene	10.01	165	123959	38.76	ng #	62
57) Fluorene	10.35	166	483580	44.60	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.13	232	115574	49.08	ng	98
59) Diethylphthalate	10.22	149	580005	48.04	ng	97
60) 4-Chlorophenyl-phenylether	10.34	204	219484	43.46	ng	94
61) 4-Nitroaniline	10.38	138	151931	50.58	ng	94
62) Azobenzene	10.50	77	563612	48.74	ng	95
64) 4,6-Dinitro-2-methylphenol	10.42	198	5605	3.64	ng	95
65) n-Nitrosodiphenylamine	10.46	169	440893	55.54	ng	99
66) 4-Bromophenyl-phenylether	10.83	248	134052	51.73	ng	93
67) Hexachlorobenzene	10.90	284	132299	49.37	ng #	84
68) Atrazine	10.99	200	111483	43.46	ng	98
69) Pentachlorophenol	11.10	266	116426	92.70	ng	99
70) Phenanthrene	11.31	178	680951	49.17	ng	99
71) Anthracene	11.36	178	650824	44.86	ng	99
72) Carbazole	11.52	167	582909	46.75	ng	98
73) Di-n-butylphthalate	11.85	149	804307	52.05	ng	100
74) Fluoranthene	12.50	202	648382	45.02	ng	90
76) Benzidine	12.63	184	497764	80.81	ng	98
77) Pyrene	12.73	202	664691	54.03	ng	100
79) Butylbenzylphthalate	13.35	149	316830	57.19	ng	99
80) Benzo(a)anthracene	13.92	228	508101	49.37	ng	99
81) 3,3'-Dichlorobenzidine	13.87	252	150371	20.00	ng	98
82) Chrysene	13.95	228	496637	50.10	ng	99
83) Bis(2-ethylhexyl)phthalate	13.89	149	432356	58.81	ng	98
84) Di-n-octyl phthalate	14.51	149	737368	62.80	ng	99
85) Indeno(1,2,3-cd)pyrene	16.68	276	372163	46.27	ng	99
87) Benzo(b)fluoranthene	14.96	252	833066	96.54	ng	97
88) Benzo(k)fluoranthene	14.96	252	833252	109.05	ng	98
89) Benzo(a)pyrene	15.27	252	377526	49.38	ng	97
90) Dibenzo(a,h)anthracene	16.69	278	320346	52.08	ng	97
91) Benzo(g,h,i)perylene	17.09	276	300619	50.50	ng #	94

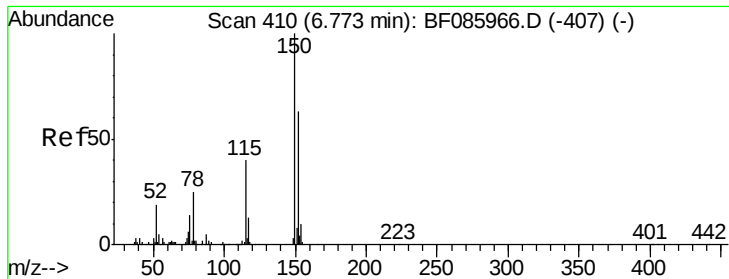
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-29COMP(0.5-15.0)MSD

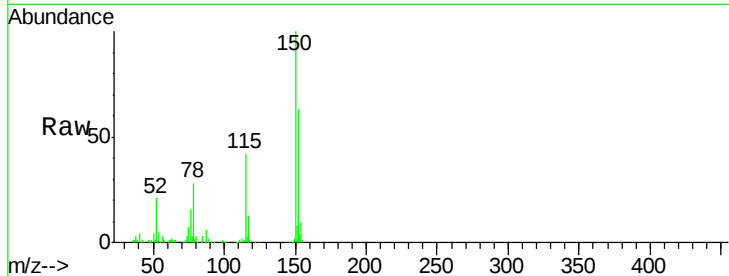
Tgt Ion:152 Resp: 108842

Ion Ratio Lower Upper

152 100

150 159.1 124.2 186.2

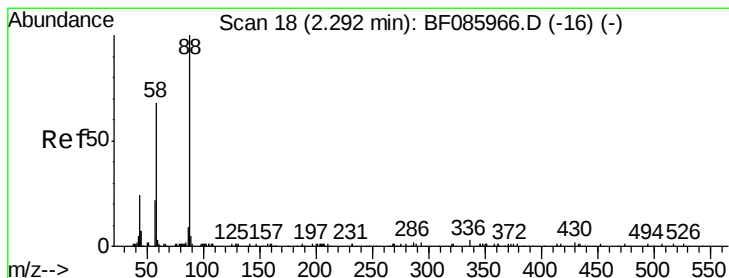
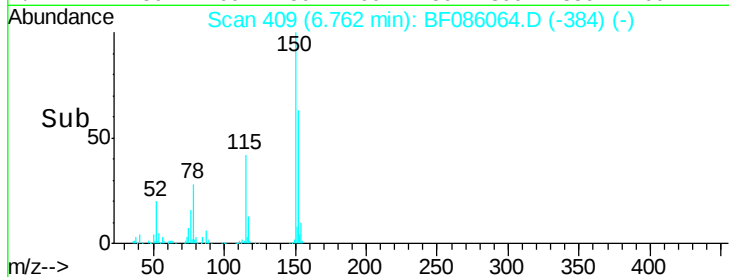
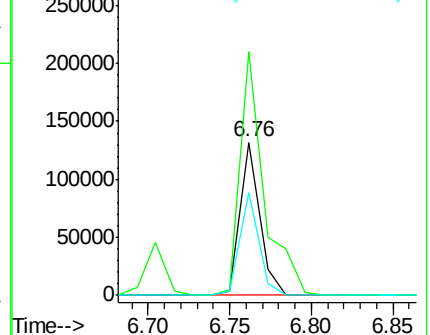
115 66.9 47.0 70.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 42.01 ng

RT: 2.35 min Scan# 23

Delta R.T. 0.06 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

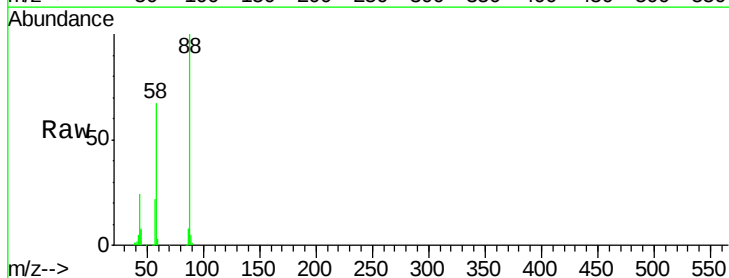
Tgt Ion: 88 Resp: 126818

Ion Ratio Lower Upper

88 100

58 68.4 54.2 81.2

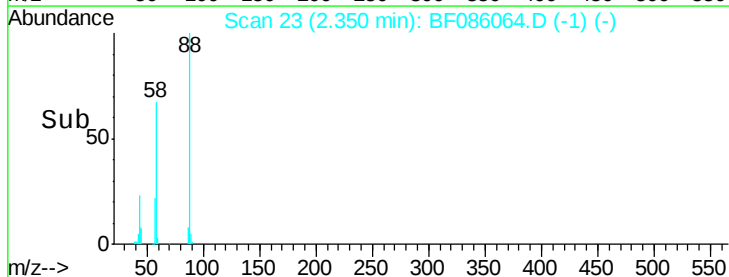
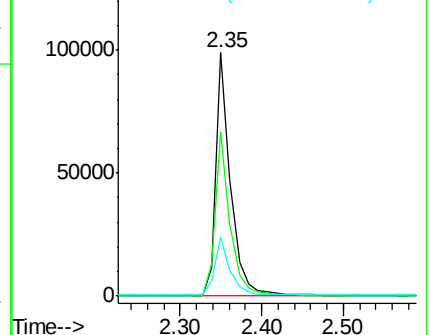
43 24.4 19.3 28.9



Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 52.07 ng

RT: 3.05 min Scan# 84

Delta R.T. 0.05 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-29COMP(0.5-15.0)MSD

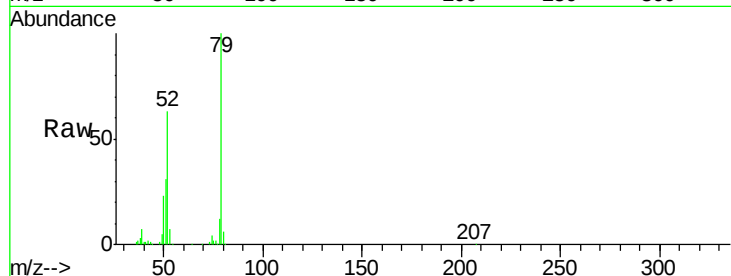
Tgt Ion: 79 Resp: 351885

Ion Ratio Lower Upper

79 100

52 62.9 49.8 74.6

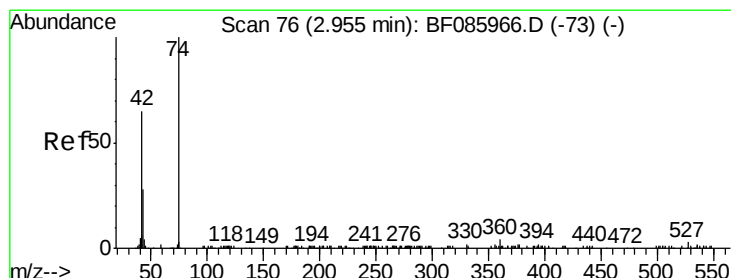
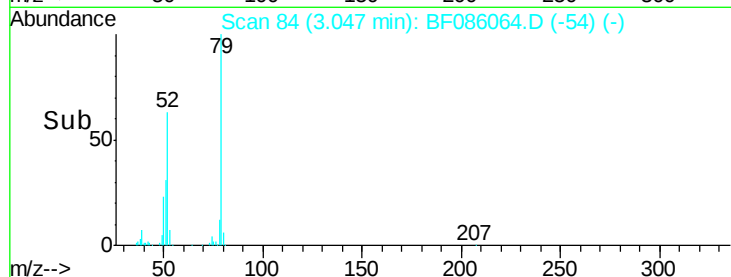
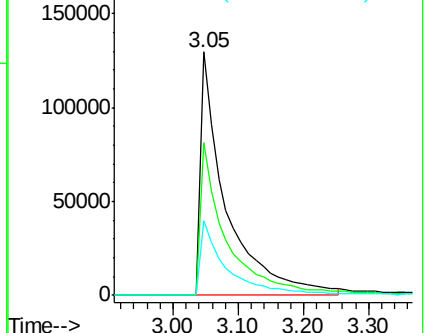
51 30.8 24.7 37.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 53.01 ng

RT: 3.00 min Scan# 80

Delta R.T. 0.05 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

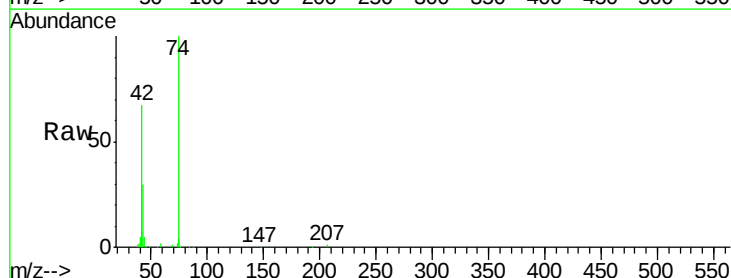
Tgt Ion: 42 Resp: 157552

Ion Ratio Lower Upper

42 100

74 148.3 121.4 182.2

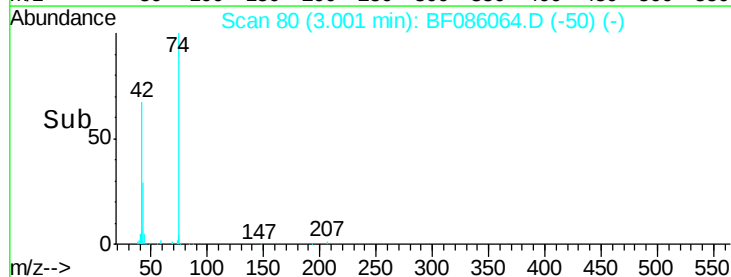
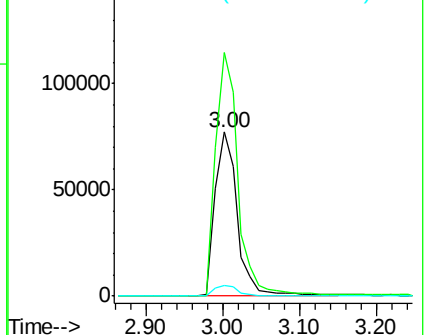
44 6.7 5.6 8.4

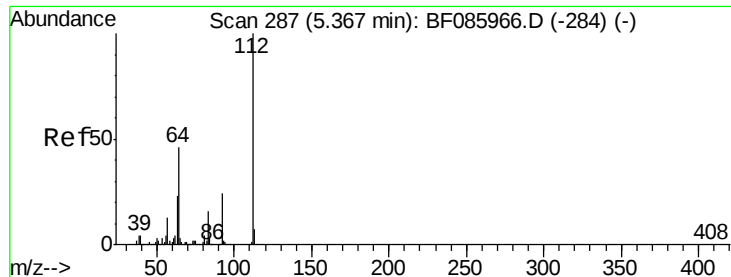


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 140.11 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

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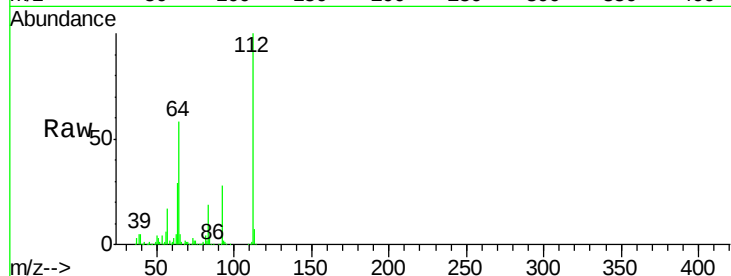
Tgt Ion: 112 Resp: 892171

Ion Ratio Lower Upper

112 100

64 57.5 39.9 59.9

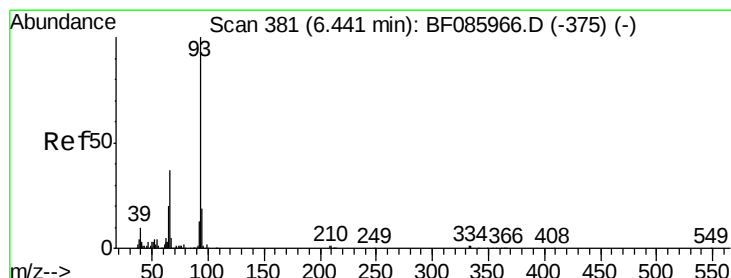
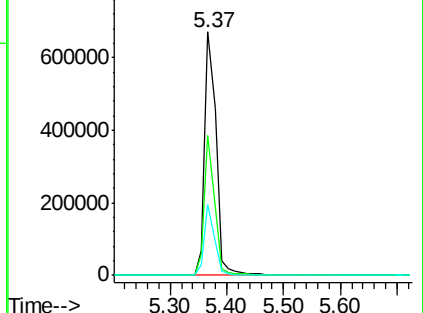
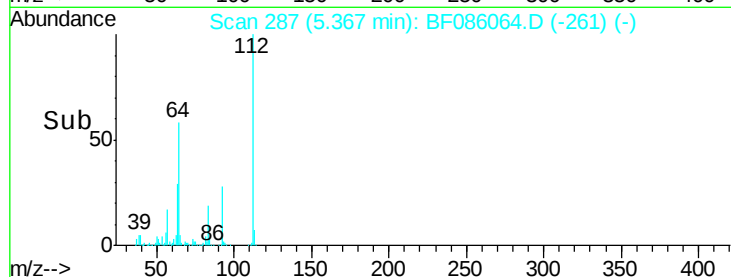
63 28.9 20.2 30.2



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: 21.76 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

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Acq: 5 Apr 2016 5:06

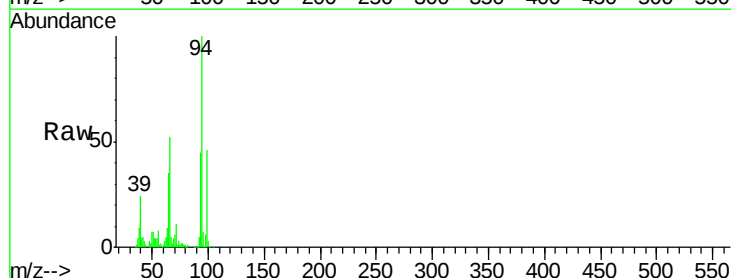
Tgt Ion: 93 Resp: 230923

Ion Ratio Lower Upper

93 100

66 116.9 31.4 47.2#

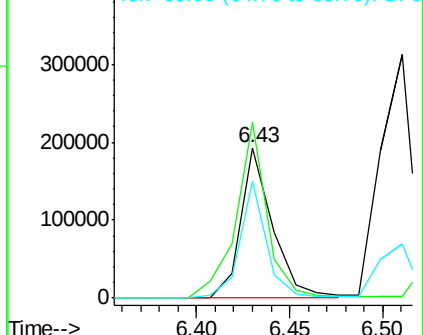
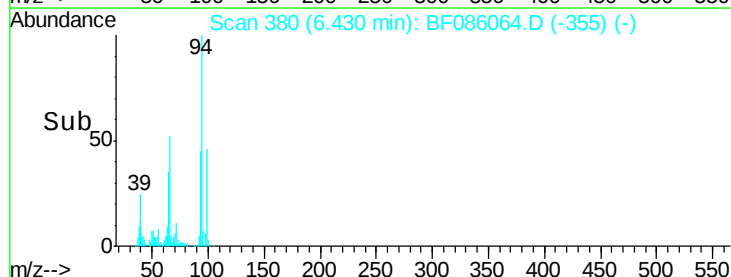
65 77.8 15.7 23.5#

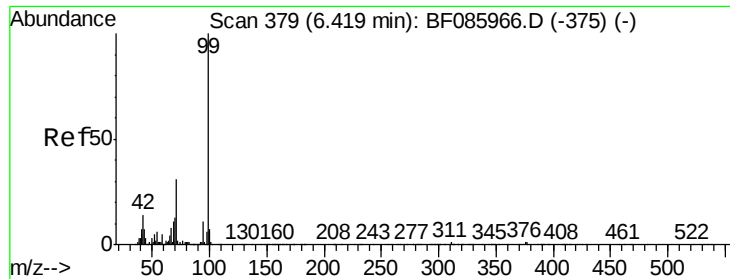


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 131.52 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Instrument :

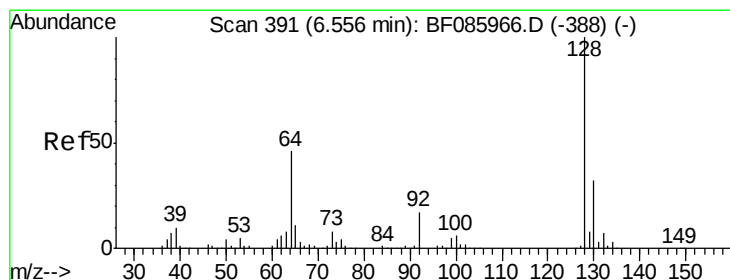
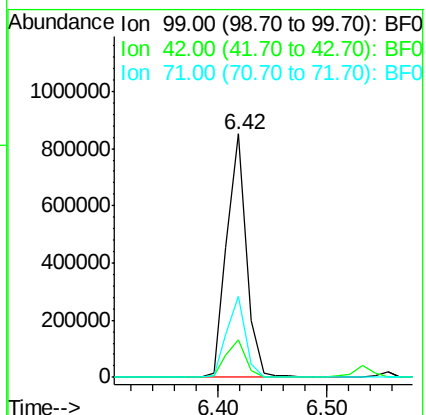
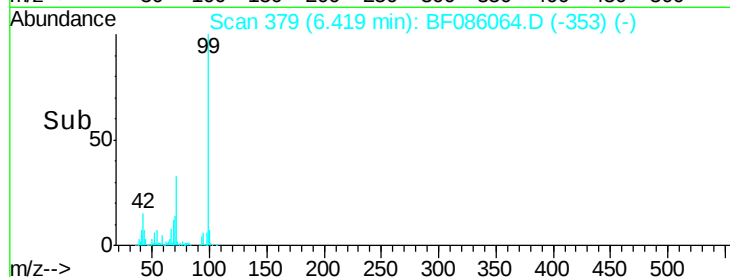
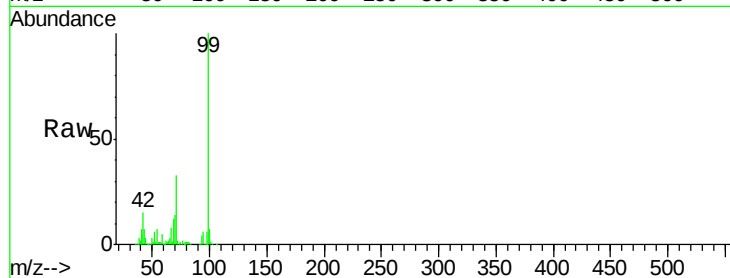
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Tgt Ion: 99 Resp: 1063782

Ion	Ratio	Lower	Upper
99	100		
42	15.2	11.1	16.7
71	33.0	24.9	37.3



#8

2-Chlorophenol

Concen: 46.93 ng

RT: 6.56 min Scan# 391

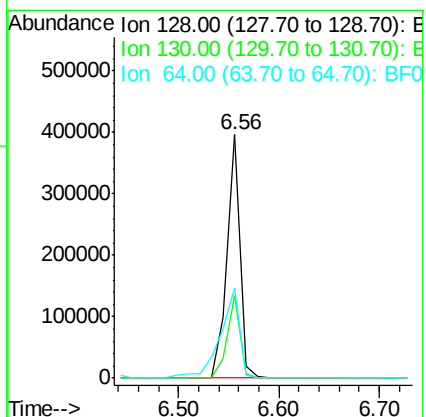
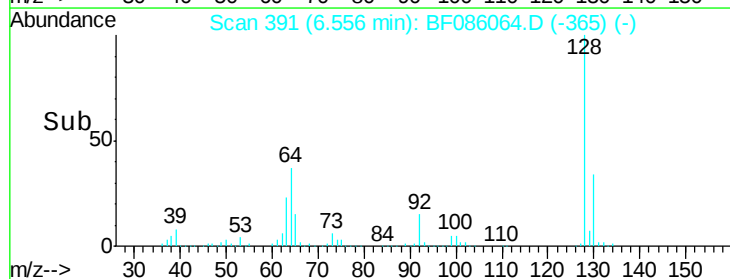
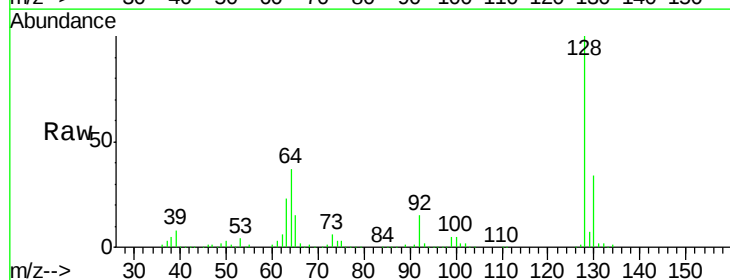
Delta R.T. 0.00 min

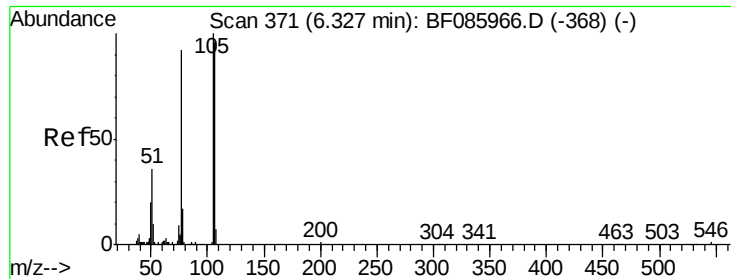
Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Tgt Ion: 128 Resp: 356365

Ion	Ratio	Lower	Upper
128	100		
130	33.6	12.9	52.9
64	37.0	20.2	60.2

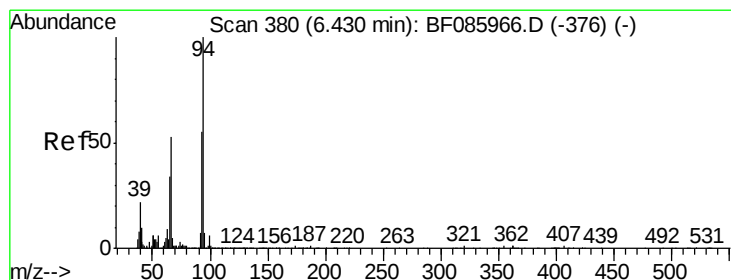
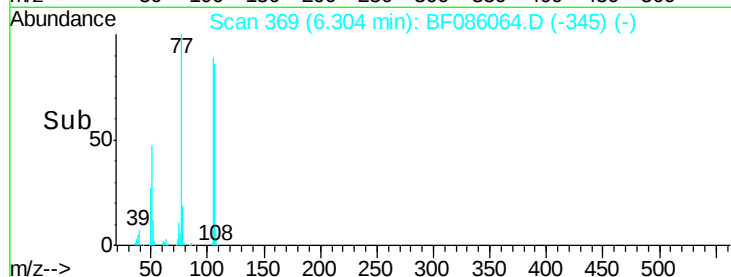
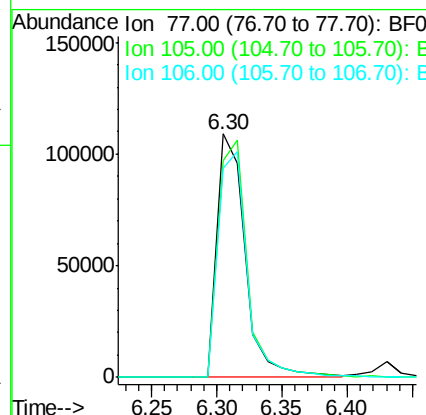
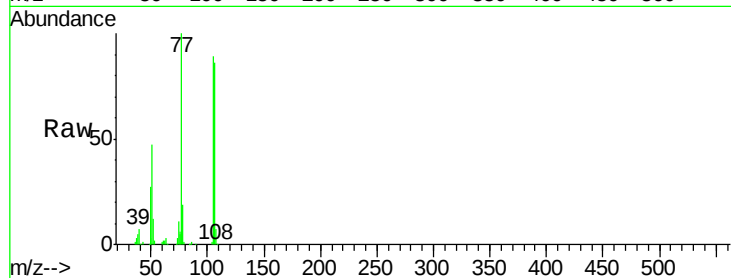




#9
Benzaldehyde
Concen: 38.02 ng
RT: 6.30 min Scan# 369
Delta R.T. -0.02 min
Lab File: BF086064.D
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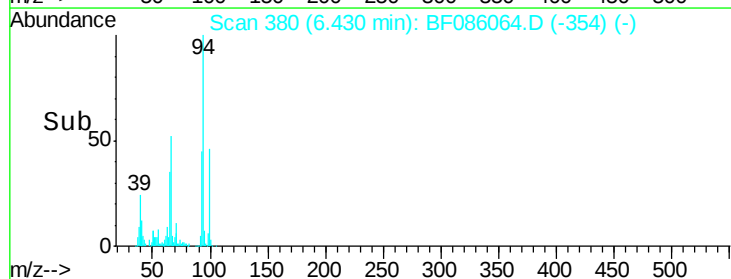
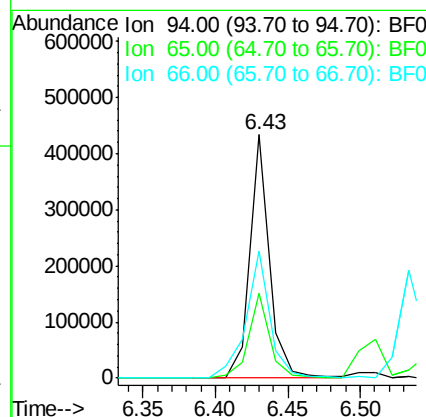
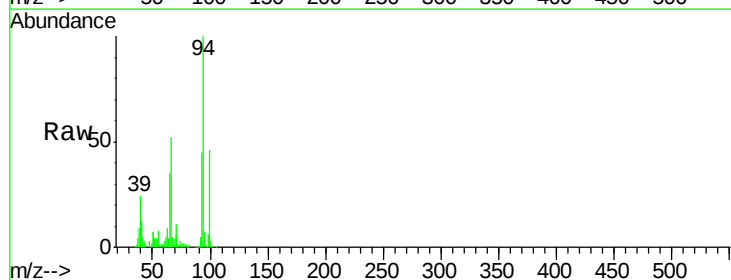
Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-29COMP(0.5-15.0)MSD

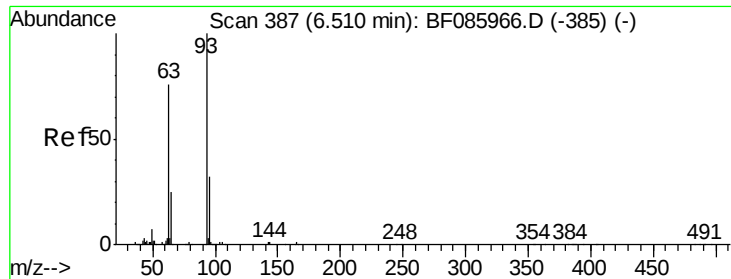
Tgt Ion: 77 Resp: 165460
Ion Ratio Lower Upper
77 100
105 88.9 80.1 120.1
106 86.1 75.0 115.0



#10
Phenol
Concen: 44.18 ng
RT: 6.43 min Scan# 380
Delta R.T. 0.00 min
Lab File: BF086064.D
Acq: 5 Apr 2016 5:06

Tgt Ion: 94 Resp: 407574
Ion Ratio Lower Upper
94 100
65 34.6 8.6 48.6
66 52.1 20.0 60.0

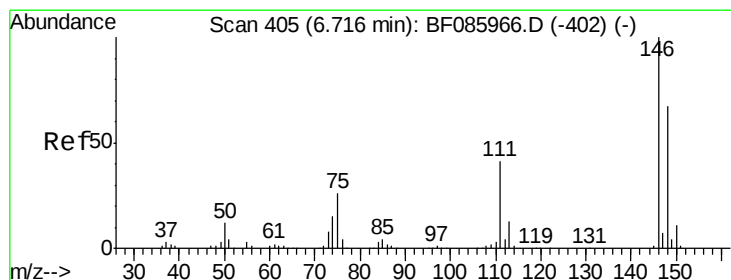
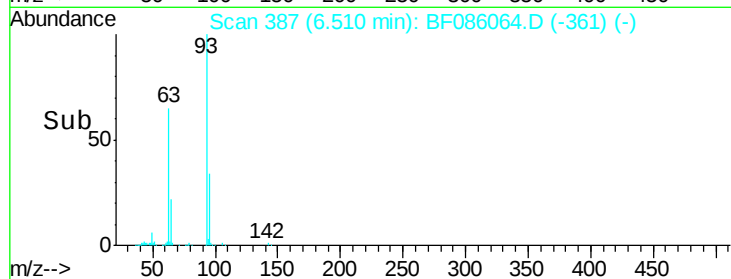
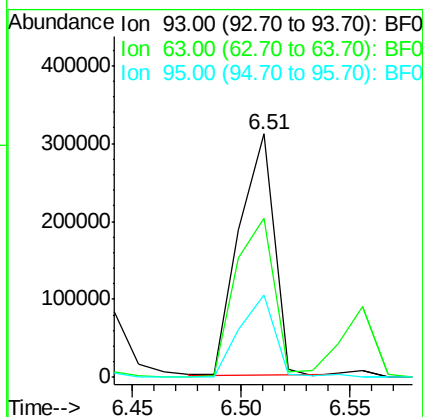
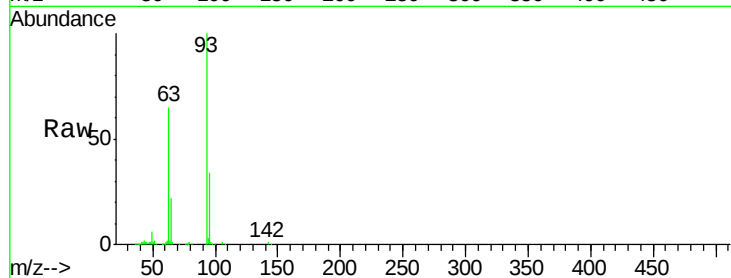




#11
bis(2-Chloroethyl)ether
Concen: 47.40 ng
RT: 6.51 min Scan# 387
Delta R.T. 0.00 min
Lab File: BF086064.D
Acq: 5 Apr 2016 5:06

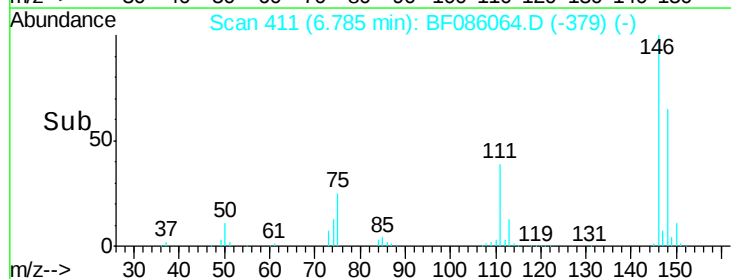
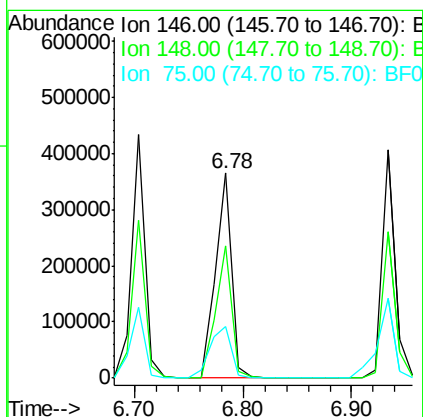
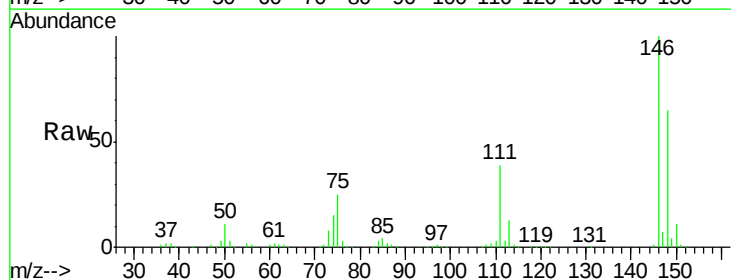
Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-29COMP(0.5-15.0)MSD

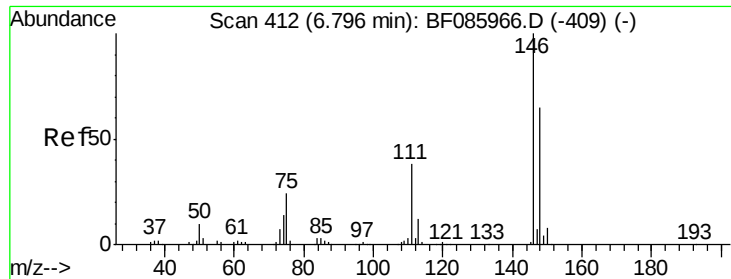
Tgt Ion: 93 Resp: 346284
Ion Ratio Lower Upper
93 100
63 65.4 50.9 90.9
95 33.6 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 47.69 ng
RT: 6.78 min Scan# 411
Delta R.T. 0.07 min
Lab File: BF086064.D
Acq: 5 Apr 2016 5:06

Tgt Ion: 146 Resp: 383840
Ion Ratio Lower Upper
146 100
148 64.6 52.3 78.5
75 25.2 17.4 26.2

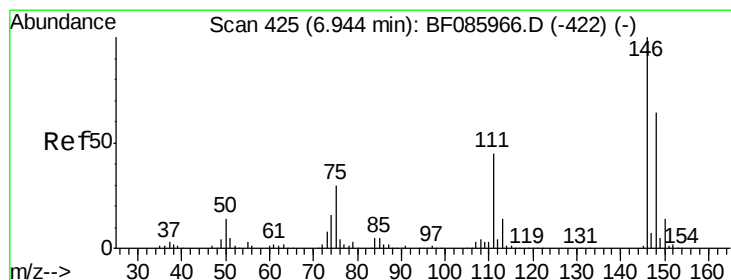
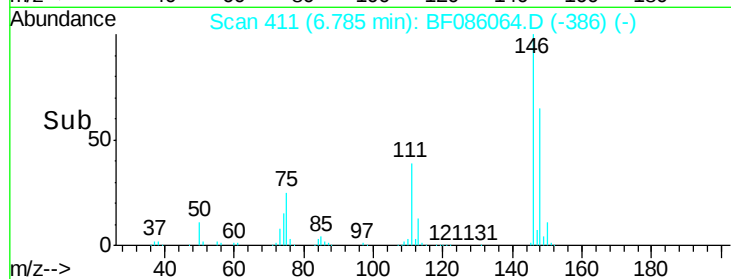
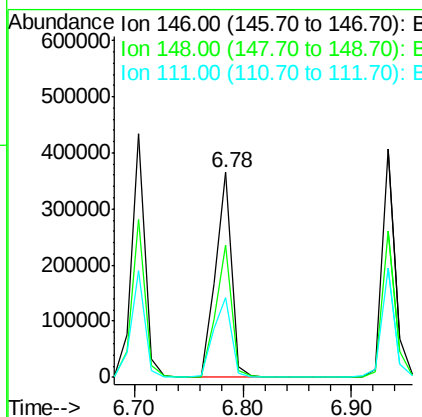
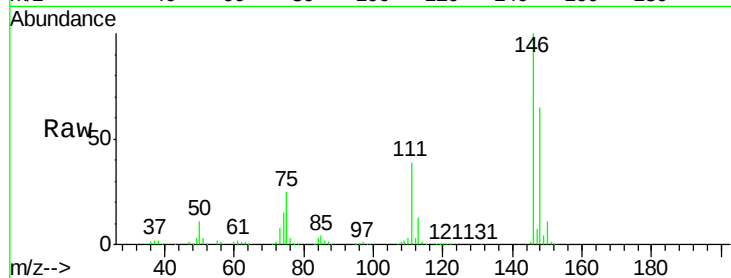




#13
 1,4-Dichlorobenzene
 Concen: 46.29 ng
 RT: 6.78 min Scan# 411
 Delta R.T. -0.01 min
 Lab File: BF086064.D
 Acq: 5 Apr 2016 5:06

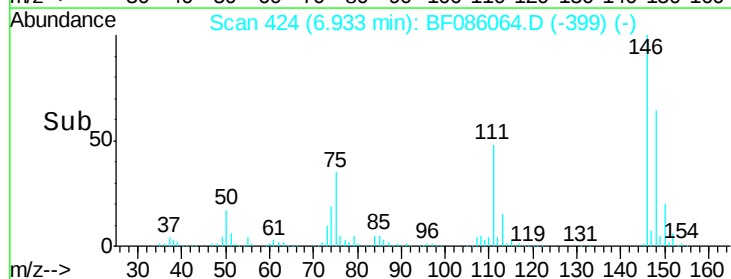
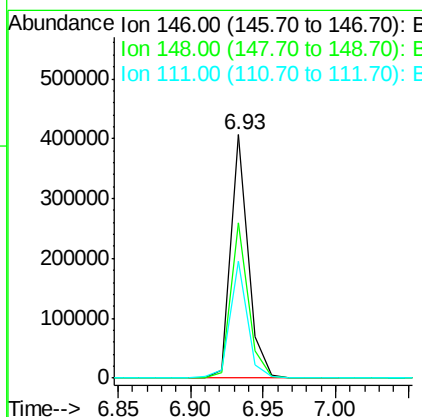
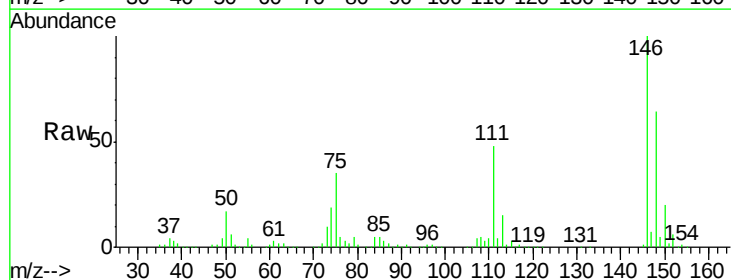
Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-29COMP(0.5-15.0)MSD

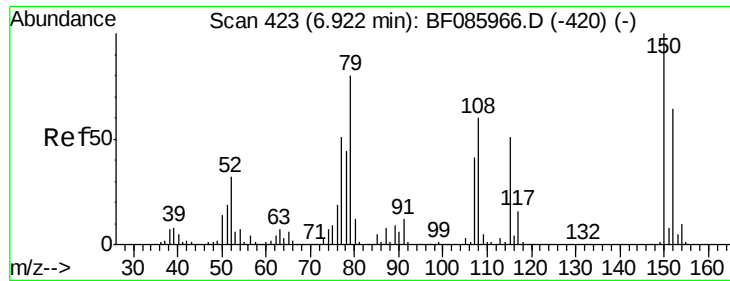
Tgt Ion:146 Resp: 383840
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.6 76.0
 111 39.0 37.8 56.6



#14
 1,2-Dichlorobenzene
 Concen: 44.66 ng
 RT: 6.93 min Scan# 424
 Delta R.T. -0.01 min
 Lab File: BF086064.D
 Acq: 5 Apr 2016 5:06

Tgt Ion:146 Resp: 340868
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.4 77.2
 111 47.9 34.6 52.0

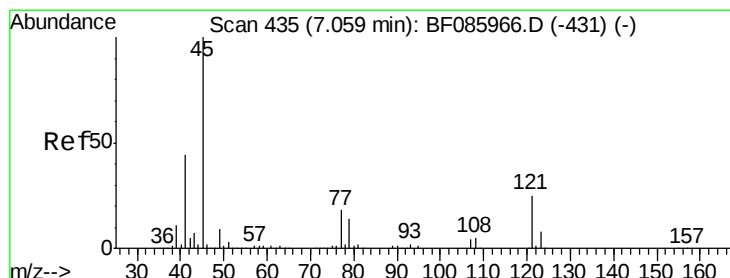
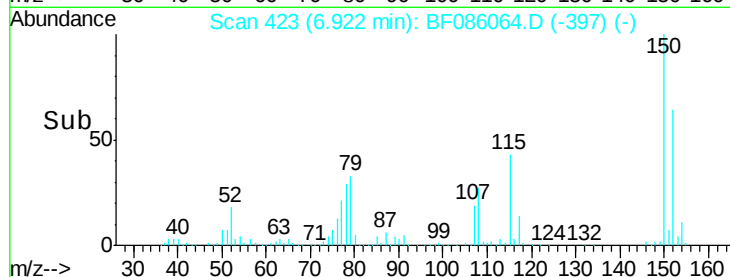
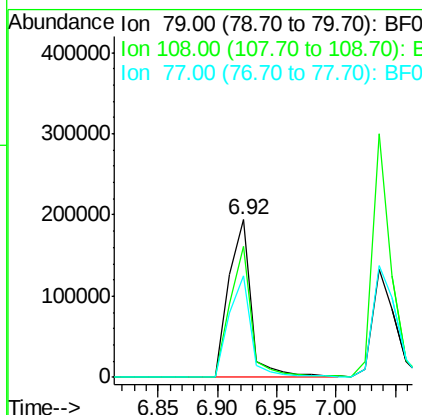
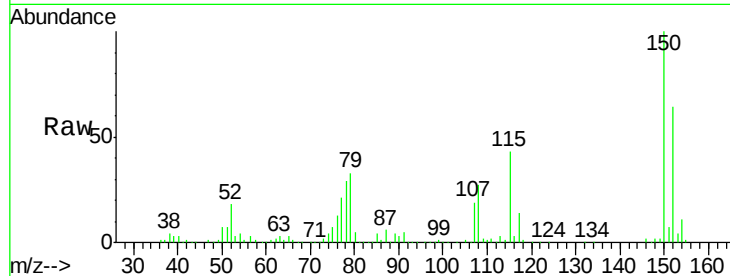




#15
Benzyl Alcohol
Concen: 48.42 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF086064.D
Acq: 5 Apr 2016 5:06

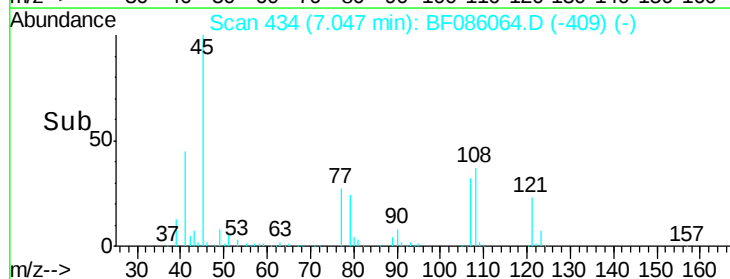
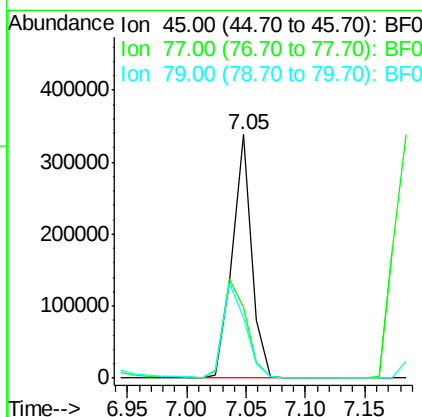
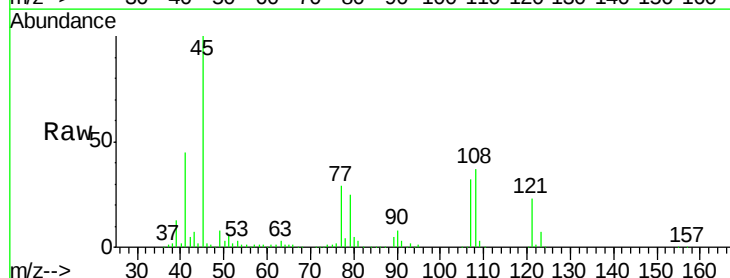
Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-29COMP(0.5-15.0)MSD

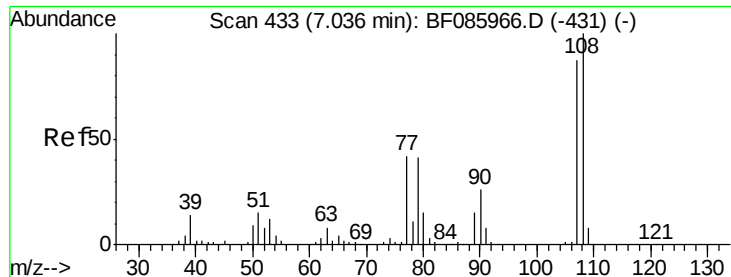
Tgt Ion: 79 Resp: 253346
Ion Ratio Lower Upper
79 100
108 83.4 61.8 92.6
77 64.1 49.6 74.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.10 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF086064.D
Acq: 5 Apr 2016 5:06

Tgt Ion: 45 Resp: 384680
Ion Ratio Lower Upper
45 100
77 28.9 0.0 35.7
79 25.0 0.0 32.2

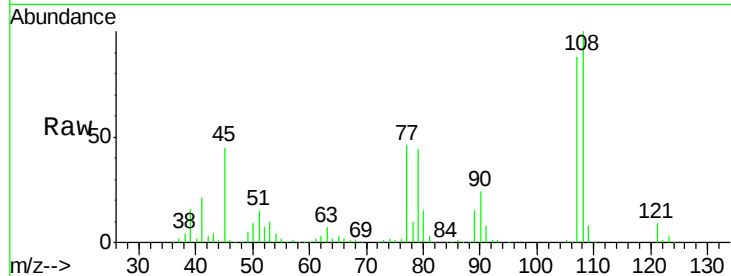




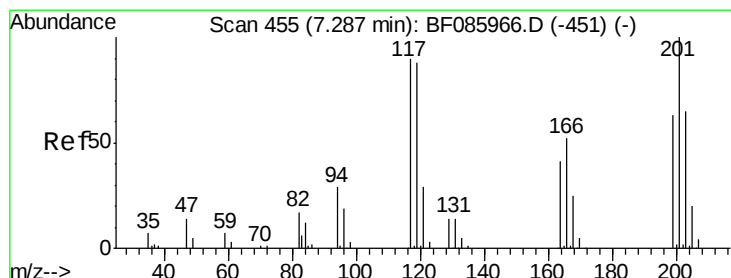
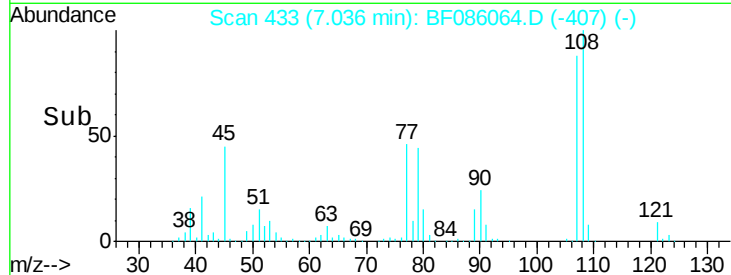
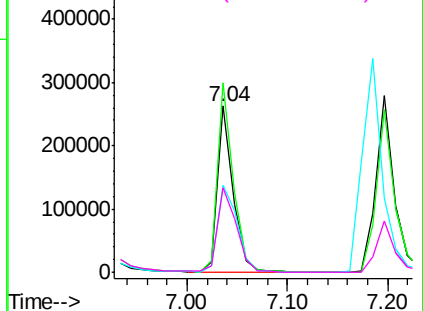
#17
2-Methylphenol
Concen: 47.06 ng
RT: 7.04 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF086064.D
Acq: 5 Apr 2016 5:06

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-29COMP(0.5-15.0)MSD

Tgt Ion:107 Resp: 281733
Ion Ratio Lower Upper
107 100
108 114.0 91.4 137.0
77 52.3 36.2 54.2
79 50.6 35.8 53.8

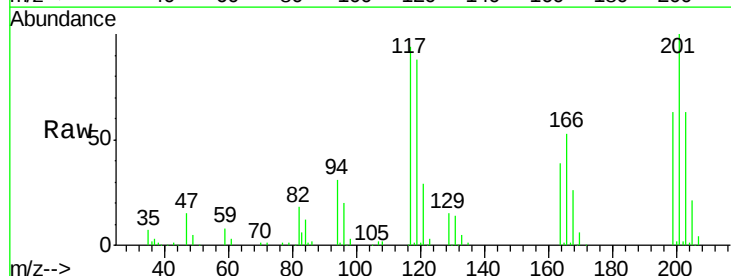


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

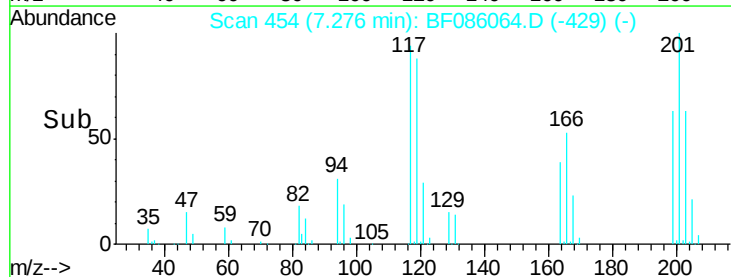
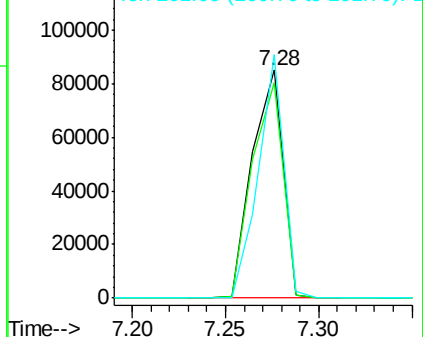


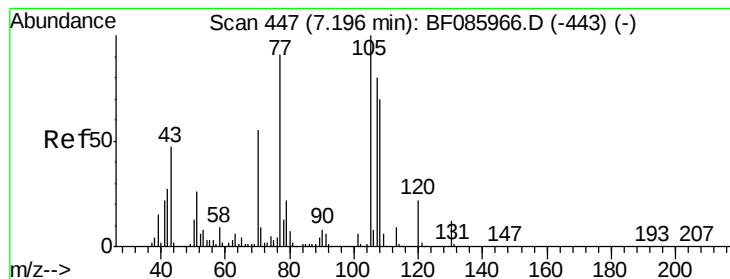
#18
Hexachloroethane
Concen: 31.92 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF086064.D
Acq: 5 Apr 2016 5:06

Tgt Ion:117 Resp: 97352
Ion Ratio Lower Upper
117 100
119 94.4 76.7 115.1
201 106.7 83.3 124.9



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 45.07 ng

RT: 7.18 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-29COMP(0.5-15.0)MSD

Tgt Ion: 70 Resp: 225945

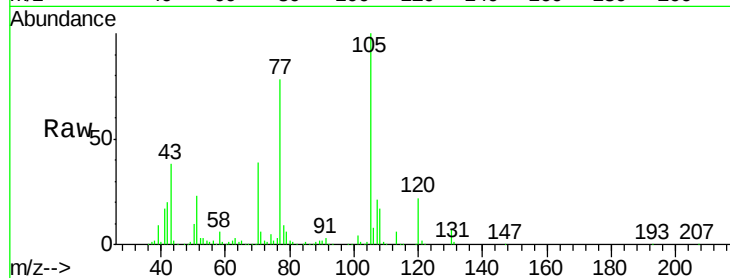
Ion Ratio Lower Upper

70 100

42 51.4 37.1 55.7

101 9.0 8.6 12.8

130 18.9 19.6 29.4#



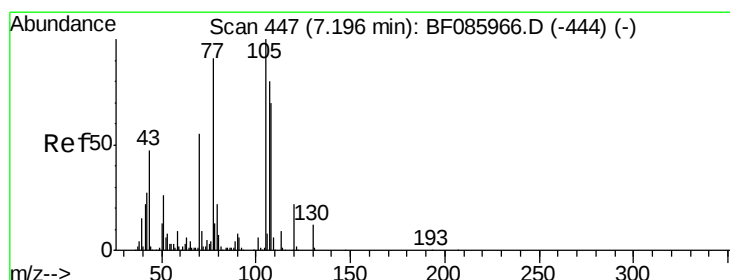
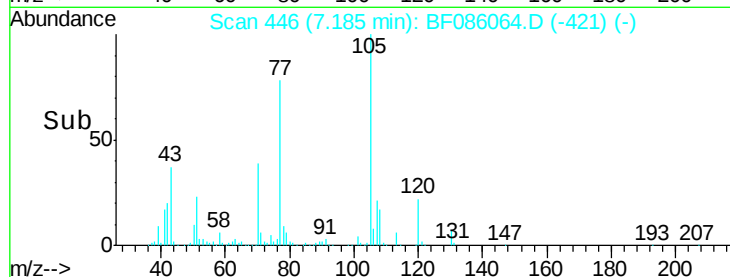
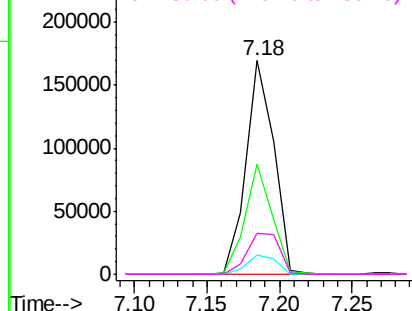
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 49.08 ng

RT: 7.20 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Tgt Ion: 107 Resp: 357388

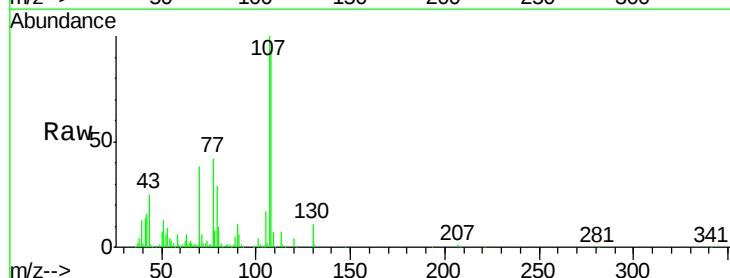
Ion Ratio Lower Upper

107 100

108 92.1 69.3 109.3

77 42.4 101.7 141.7#

79 29.3 8.3 48.3



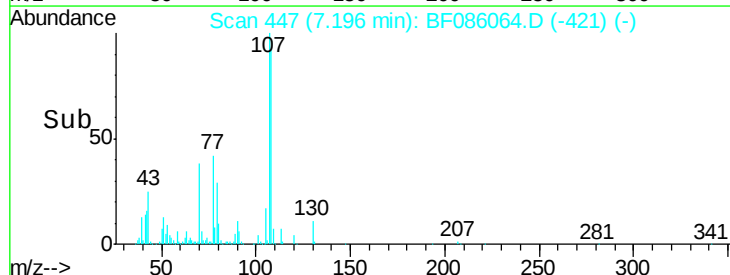
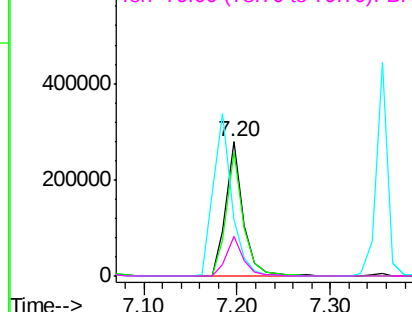
Abundance

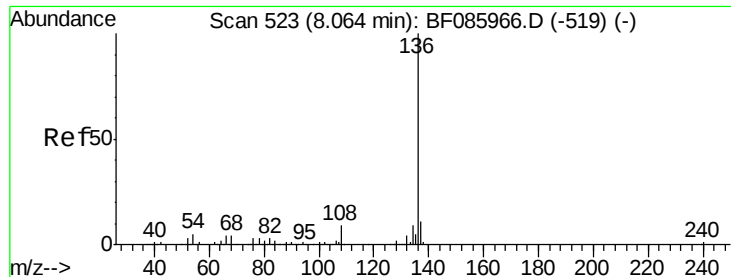
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-29COMP(0.5-15.0)MSD

Tgt Ion:136 Resp: 408050

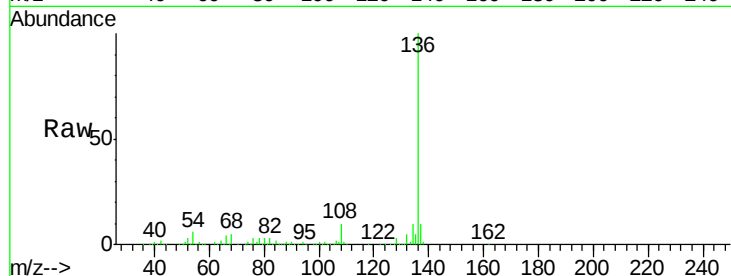
Ion Ratio Lower Upper

136 100

137 10.5 9.1 13.7

54 5.9 7.4 11.0#

68 4.9 5.8 8.8#

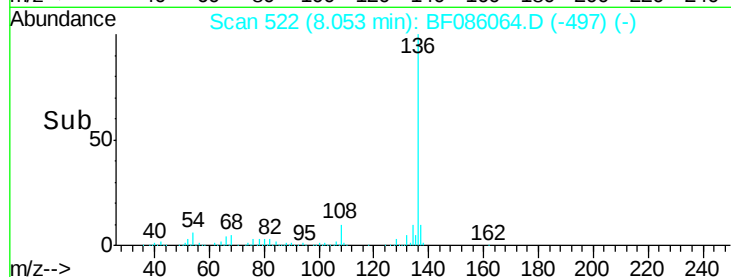


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

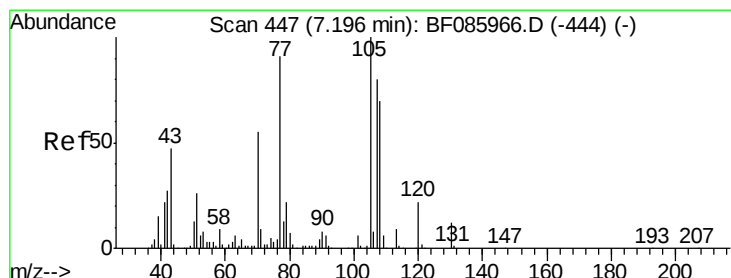
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

8.05



#22

Acetophenone

Concen: 50.25 ng

RT: 7.18 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Tgt Ion:105 Resp: 481990

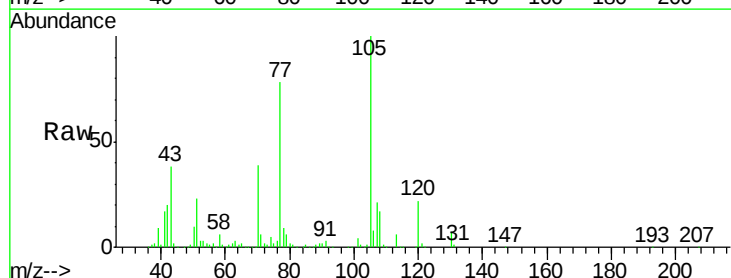
Ion Ratio Lower Upper

105 100

71 6.5 3.6 5.4#

51 23.2 25.4 38.0#

120 22.1 16.9 25.3

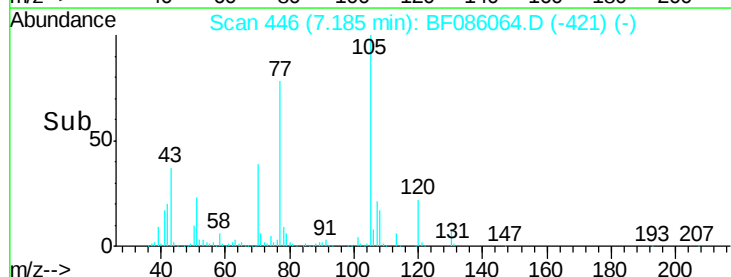


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

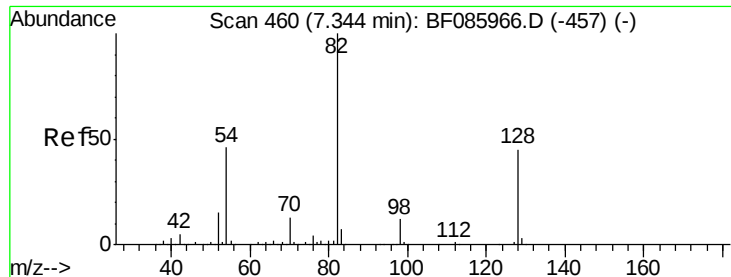
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

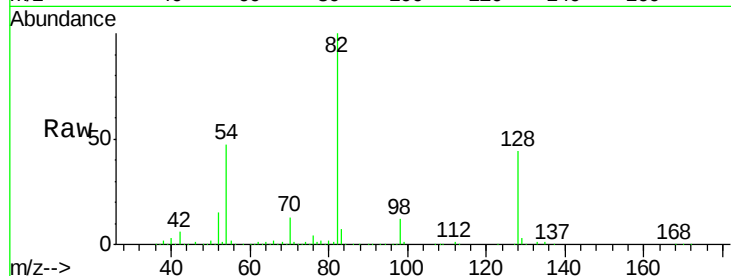
7.18



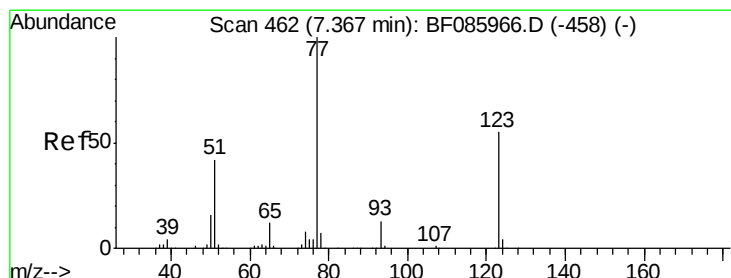
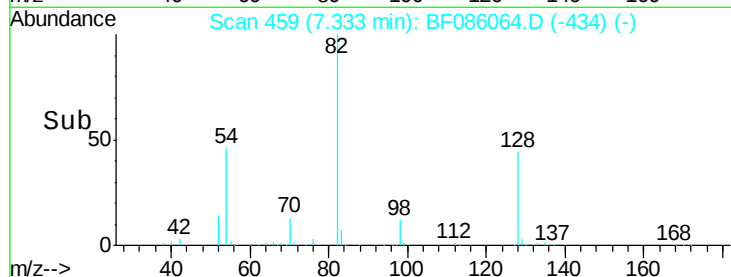
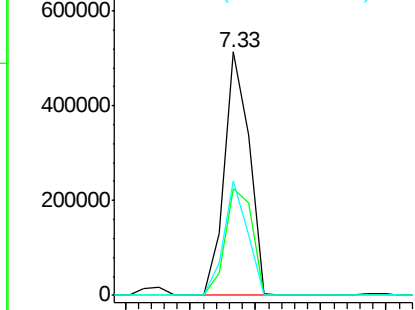
#23
 Nitrobenzene-d5
 Concen: 98.06 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF086064.D
 Acq: 5 Apr 2016 5:06

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-29COMP(0.5-15.0)MSD

Tgt Ion: 82 Resp: 678491
 Ion Ratio Lower Upper
 82 100
 128 43.7 41.8 62.8
 54 47.0 33.4 50.0

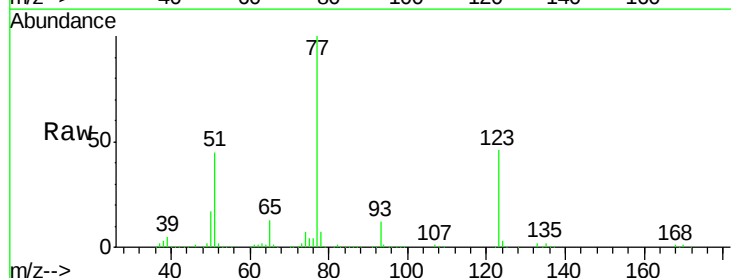


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

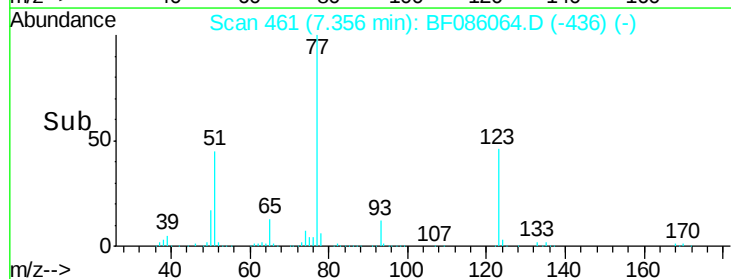
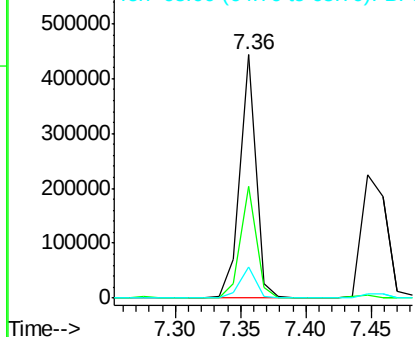


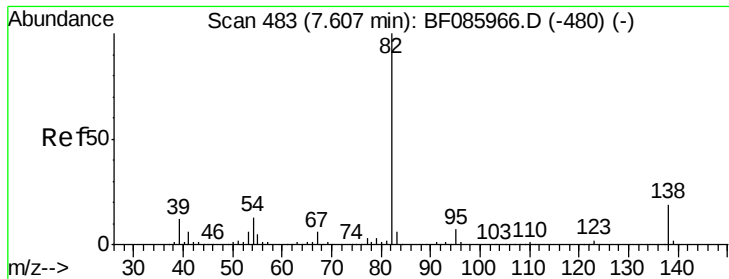
#24
 Nitrobenzene
 Concen: 49.63 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF086064.D
 Acq: 5 Apr 2016 5:06

Tgt Ion: 77 Resp: 375730
 Ion Ratio Lower Upper
 77 100
 123 46.0 35.0 52.4
 65 12.7 10.6 16.0



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





#25

Isophorone

Concen: 49.68 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-29COMP(0.5-15.0)MSD

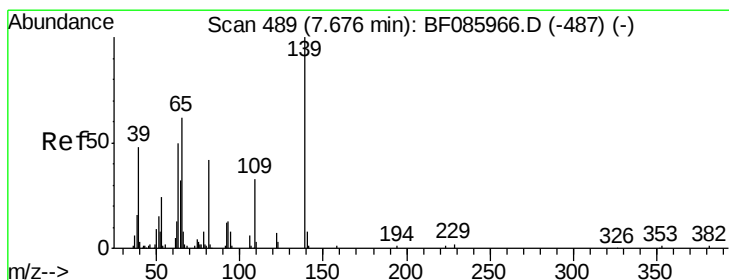
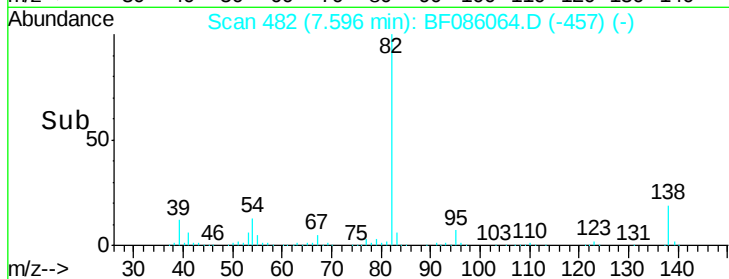
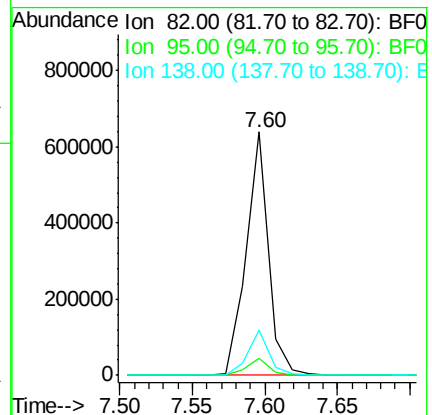
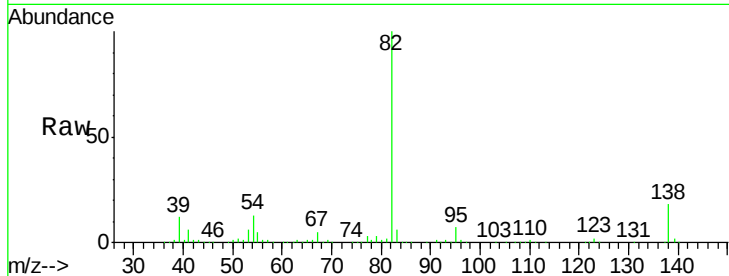
Tgt Ion: 82 Resp: 678546

Ion Ratio Lower Upper

82 100

95 7.2 5.4 8.2

138 18.5 12.9 19.3



#26

2-Nitrophenol

Concen: 37.51 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

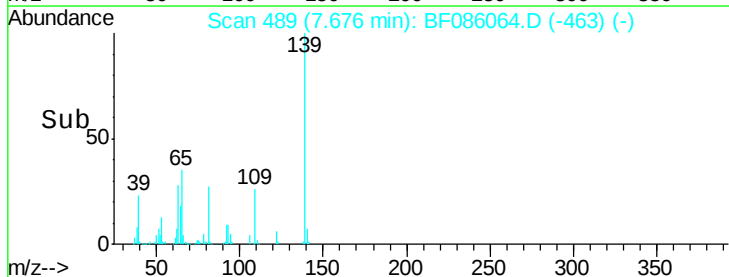
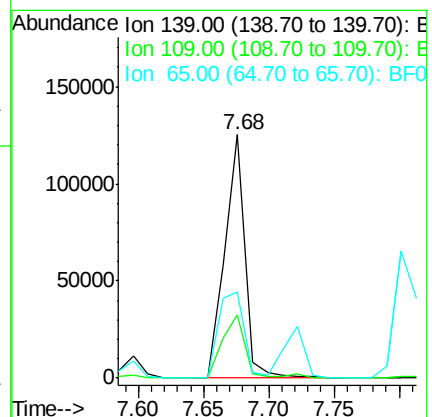
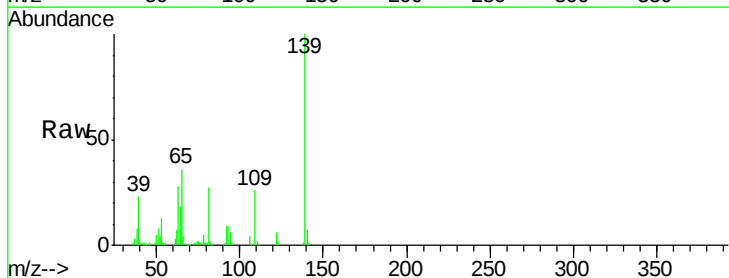
Tgt Ion: 139 Resp: 135858

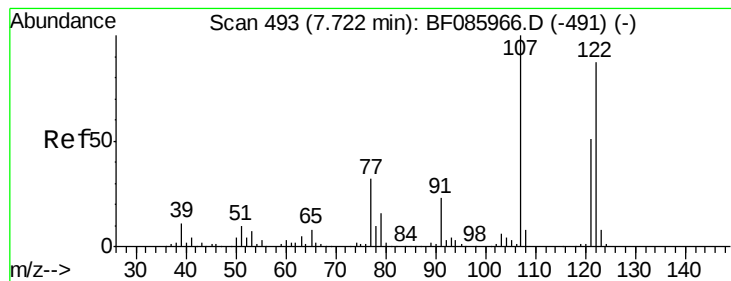
Ion Ratio Lower Upper

139 100

109 26.0 22.1 33.1

65 35.6 33.9 50.9





#27

2,4-Dimethylphenol

Concen: 50.09 ng

RT: 7.72 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-29COMP(0.5-15.0)MSD

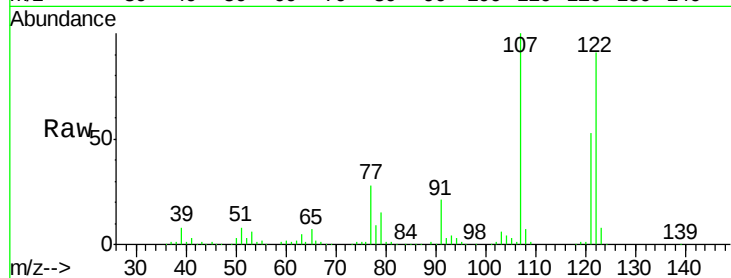
Tgt Ion:122 Resp: 325826

Ion Ratio Lower Upper

122 100

107 109.6 93.0 139.6

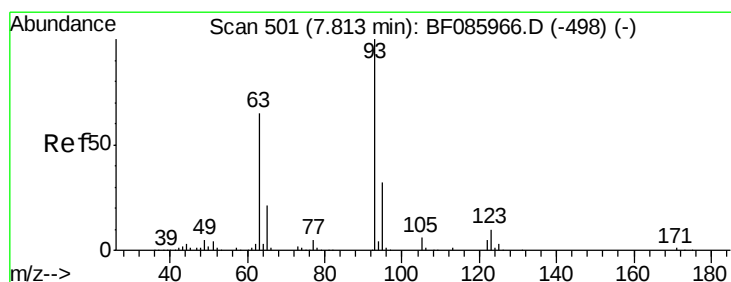
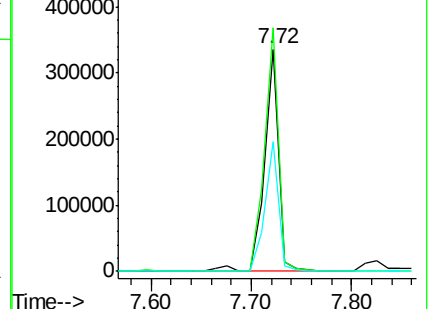
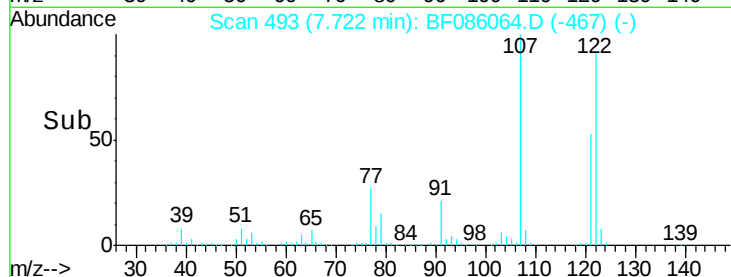
121 58.3 45.9 68.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 50.35 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.01 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

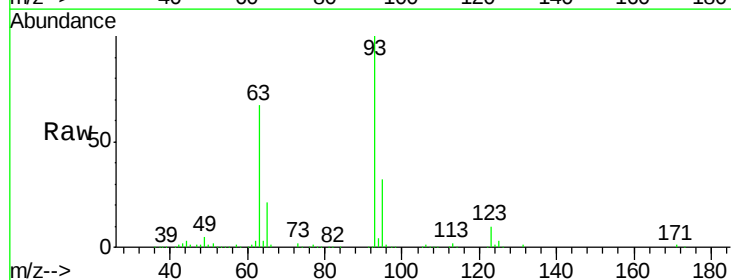
Tgt Ion: 93 Resp: 403485

Ion Ratio Lower Upper

93 100

95 32.0 26.4 39.6

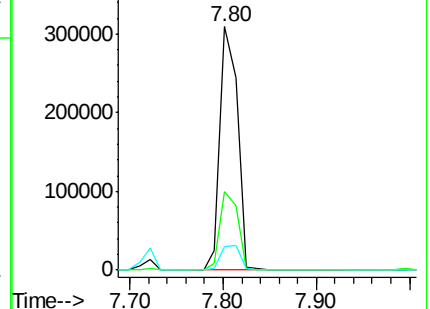
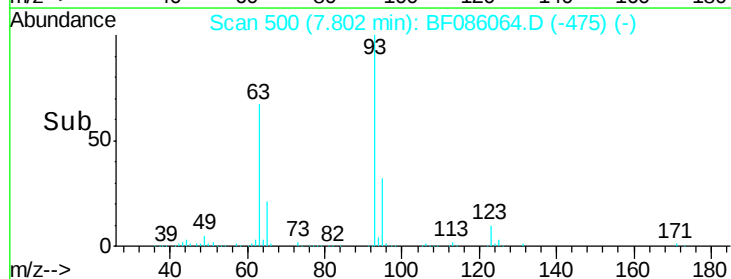
123 9.7 9.8 14.6#

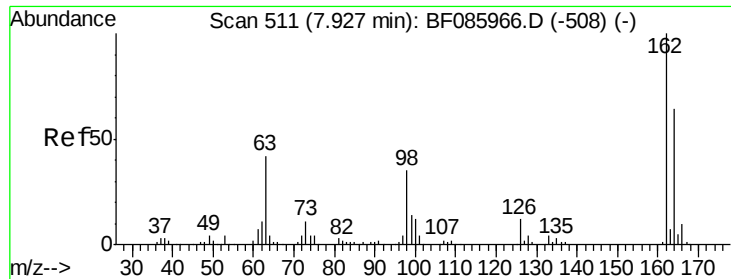


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

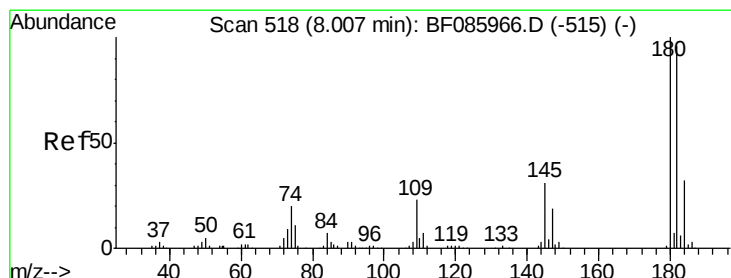
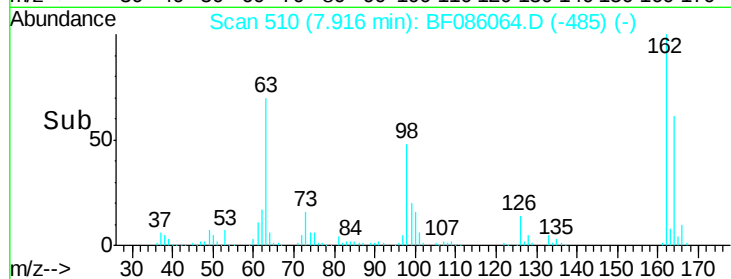
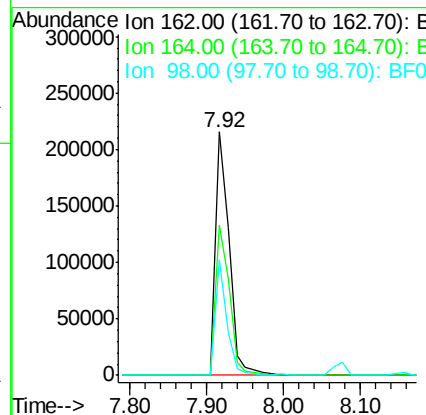
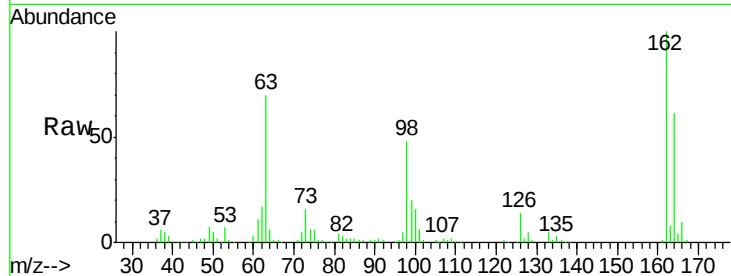




#29
2,4-Dichlorophenol
Concen: 47.59 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF086064.D
Acq: 5 Apr 2016 5:06

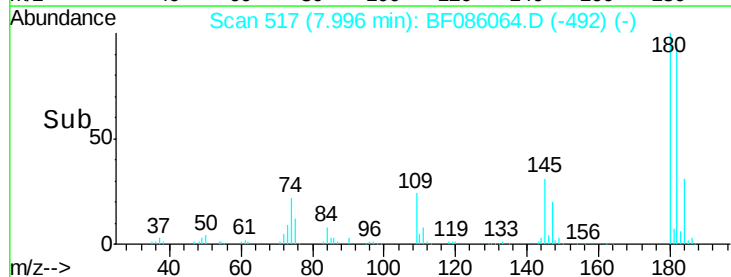
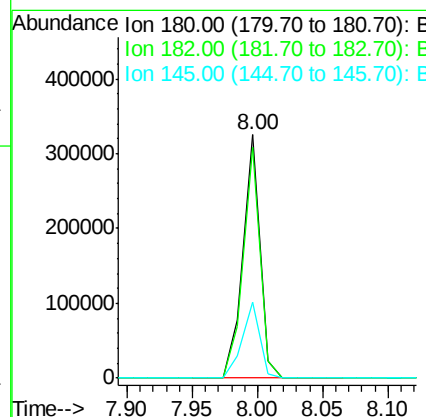
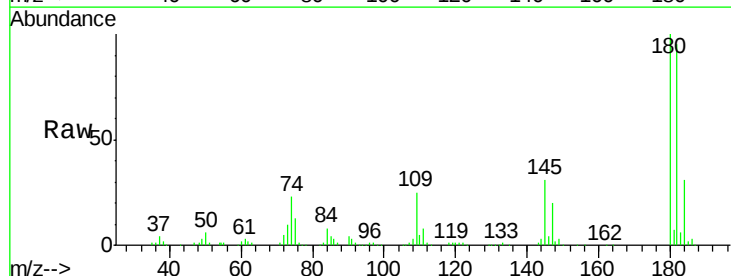
Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-29COMP(0.5-15.0)MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	61.5	43.7	83.7
98	47.6	20.4	60.4



#30
1,2,4-Trichlorobenzene
Concen: 47.62 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF086064.D
Acq: 5 Apr 2016 5:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	73.8	110.8
145	31.4	28.4	42.6





#31

Naphthalene

Concen: 47.97 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-29COMP(0.5-15.0)MSD

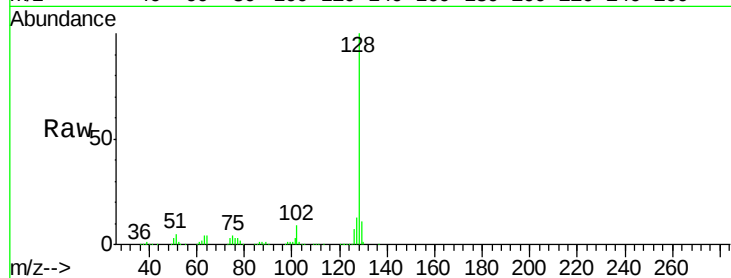
Tgt Ion:128 Resp: 984586

Ion Ratio Lower Upper

128 100

129 11.0 9.4 14.0

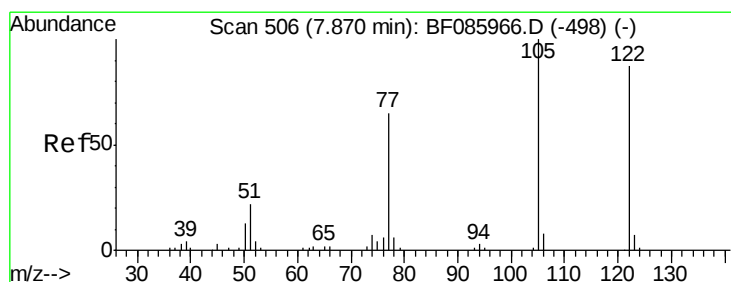
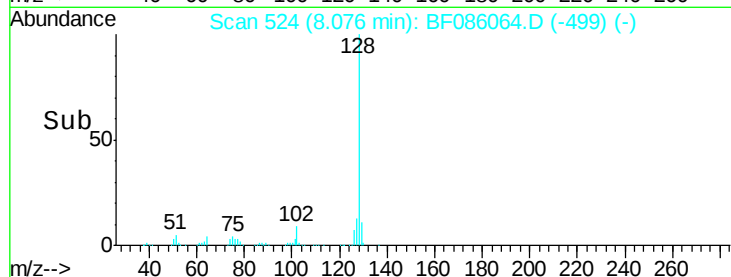
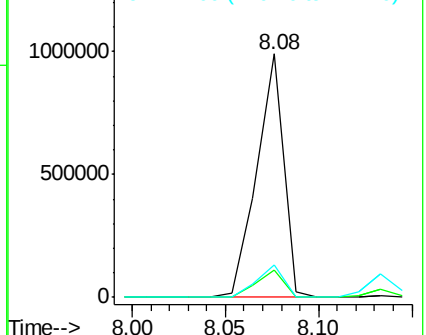
127 13.4 11.0 16.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 7.94 ng

RT: 7.82 min Scan# 502

Delta R.T. -0.05 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

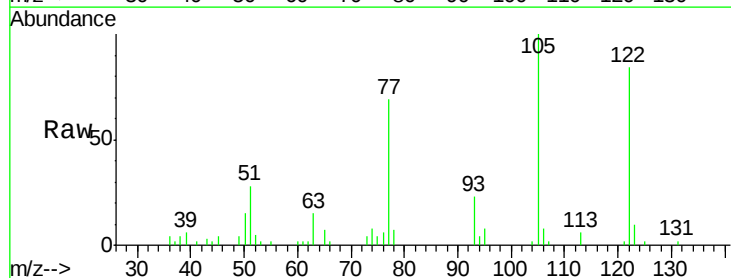
Tgt Ion:122 Resp: 37906

Ion Ratio Lower Upper

122 100

105 119.1 102.9 142.9

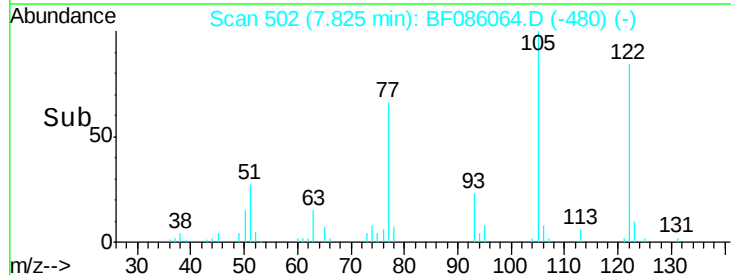
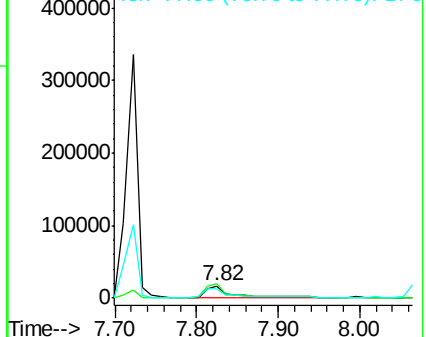
77 81.6 71.8 111.8

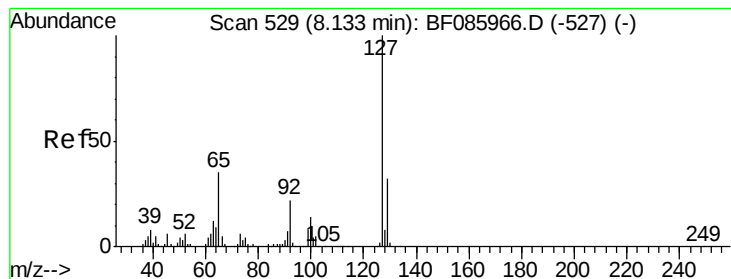


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 13.68 ng

RT: 8.13 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-29COMP(0.5-15.0)MSD

Tgt Ion:127 Resp: 113400

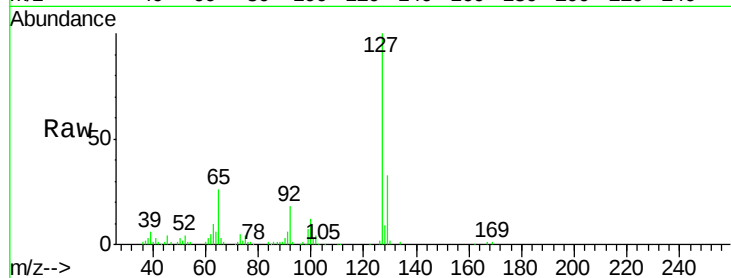
Ion Ratio Lower Upper

127 100

129 33.2 26.1 39.1

65 26.1 19.5 29.3

92 17.8 14.6 22.0

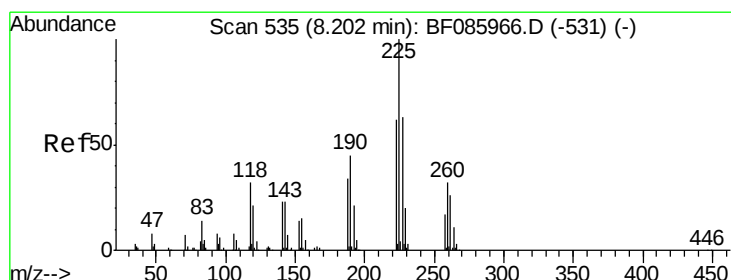
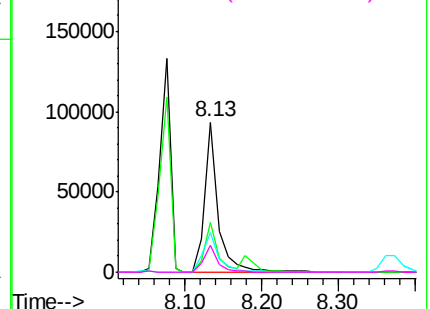
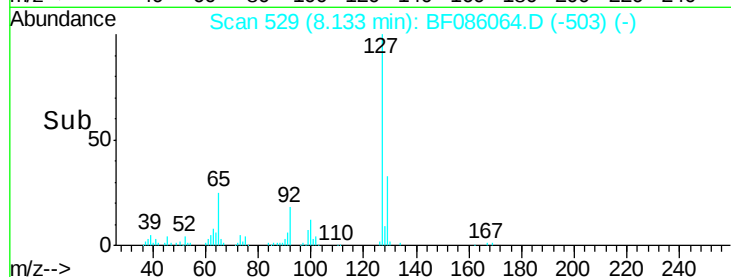


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 47.57 ng

RT: 8.19 min Scan# 534

Delta R.T. -0.01 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

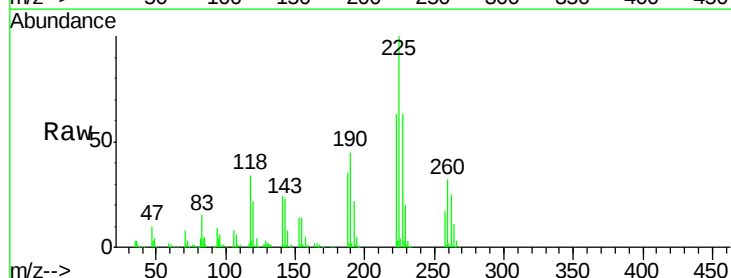
Tgt Ion:225 Resp: 157874

Ion Ratio Lower Upper

225 100

223 63.0 50.4 75.6

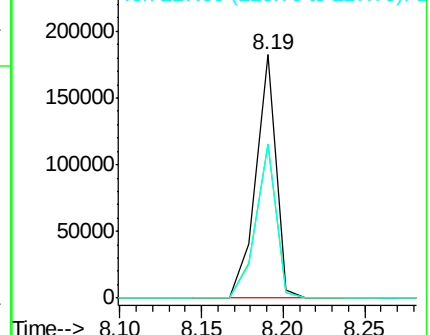
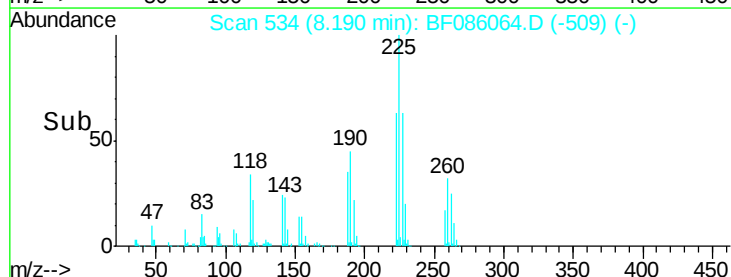
227 63.4 51.4 77.2



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

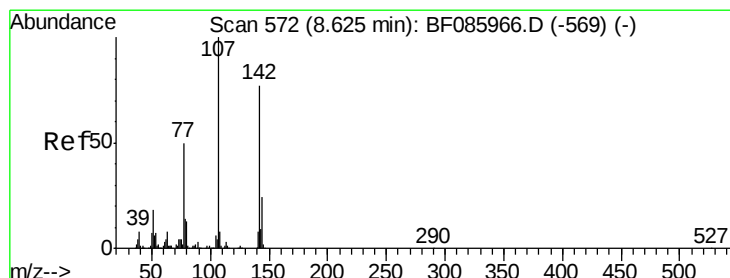
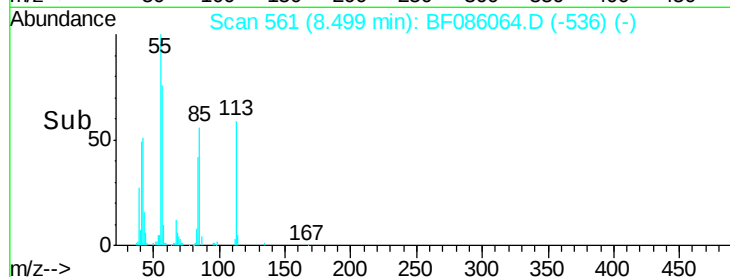
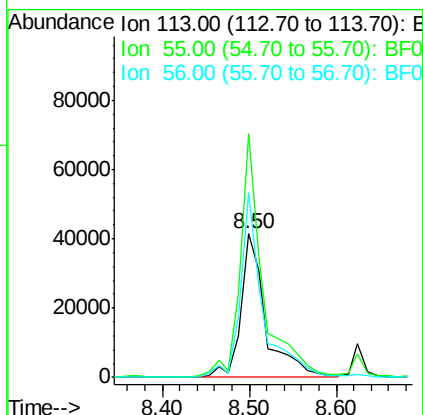
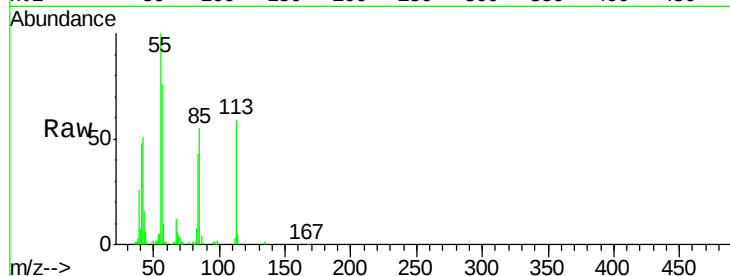




#35
 Caprolactam
 Concen: 47.27 ng
 RT: 8.50 min Scan# 561
 Delta R.T. -0.01 min
 Lab File: BF086064.D
 Acq: 5 Apr 2016 5:06

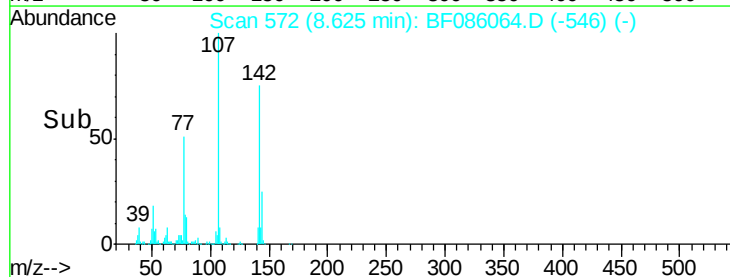
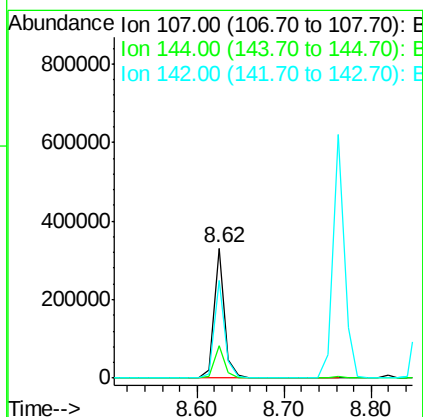
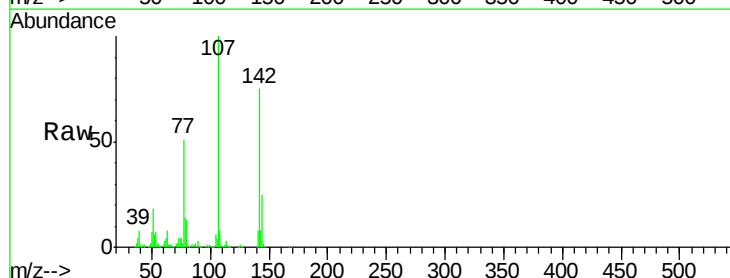
Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-29COMP(0.5-15.0)MSD

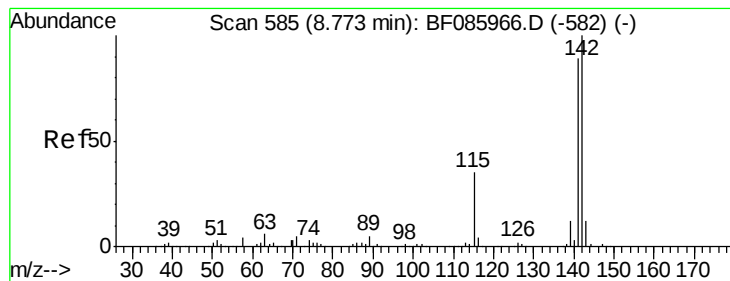
Tgt Ion:113 Resp: 82474
 Ion Ratio Lower Upper
 113 100
 55 169.8 139.4 179.4
 56 128.6 100.4 140.4



#36
 4-Chloro-3-methylphenol
 Concen: 45.60 ng
 RT: 8.62 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: BF086064.D
 Acq: 5 Apr 2016 5:06

Tgt Ion:107 Resp: 281924
 Ion Ratio Lower Upper
 107 100
 144 24.6 19.3 28.9
 142 75.2 61.4 92.0





#37

2-Methylnaphthalene

Concen: 41.67 ng

RT: 8.76 min Scan# 584

Delta R.T. -0.01 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-29COMP(0.5-15.0)MSD

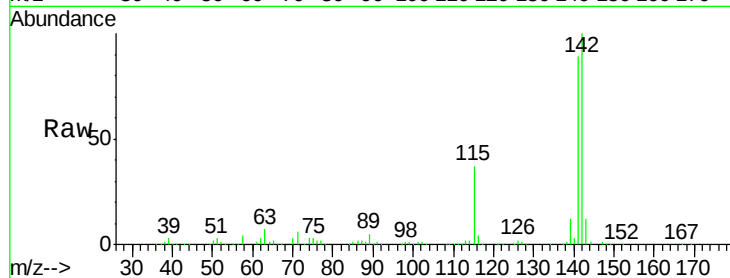
Tgt Ion:142 Resp: 558698

Ion Ratio Lower Upper

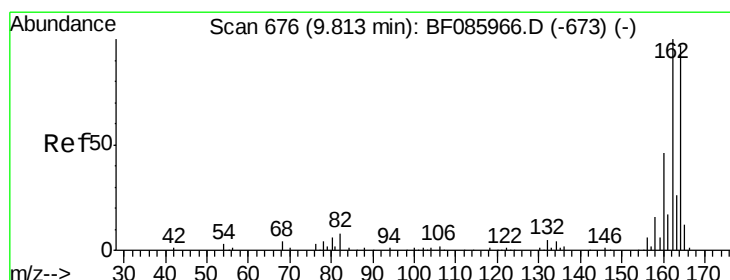
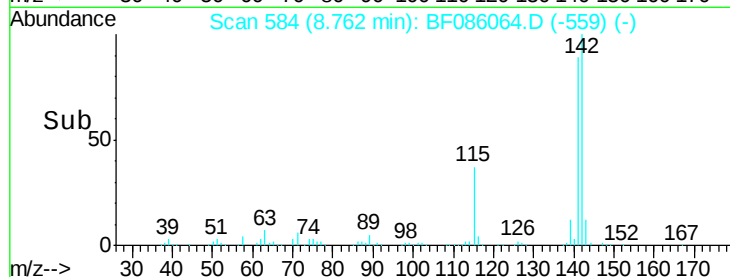
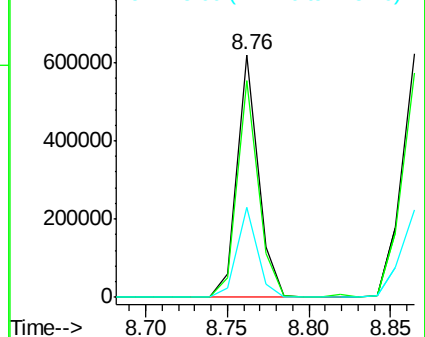
142 100

141 89.1 71.6 107.4

115 37.0 26.8 40.2



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

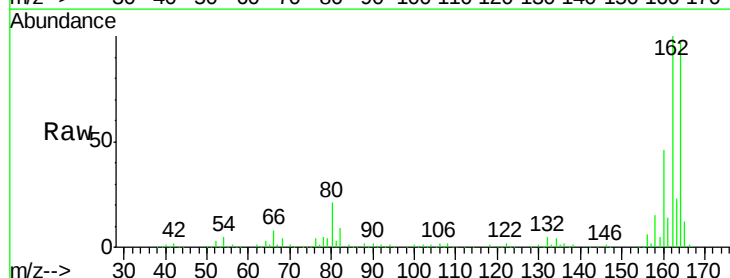
Tgt Ion:164 Resp: 161391

Ion Ratio Lower Upper

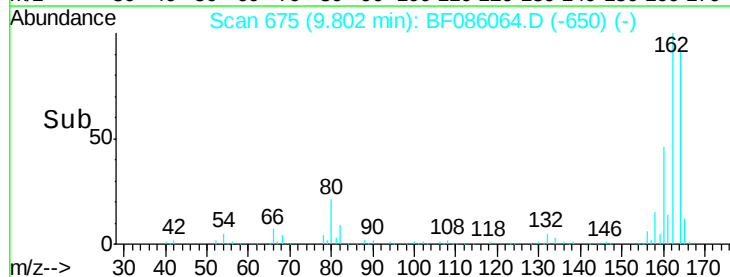
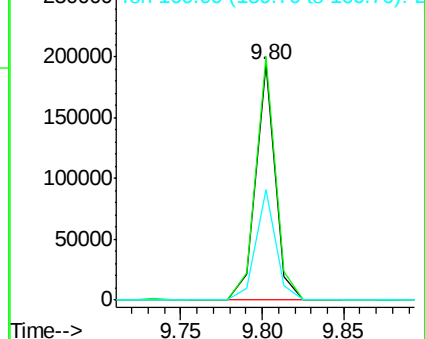
164 100

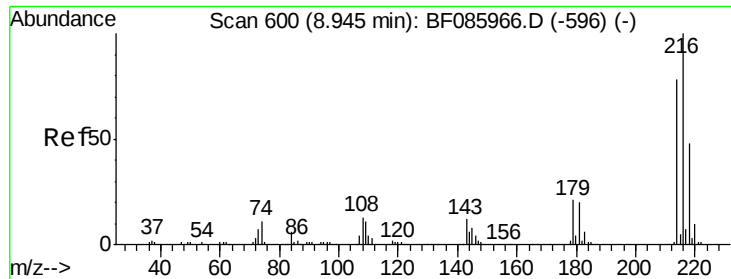
162 103.3 82.1 123.1

160 47.1 37.4 56.2



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

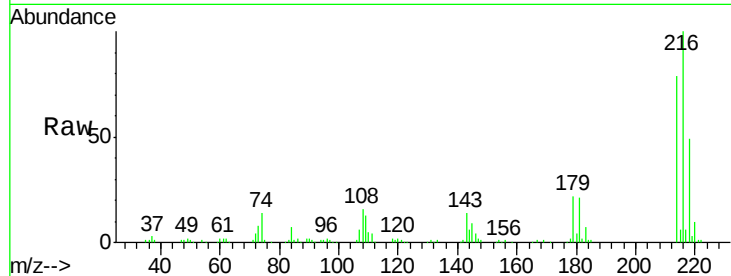




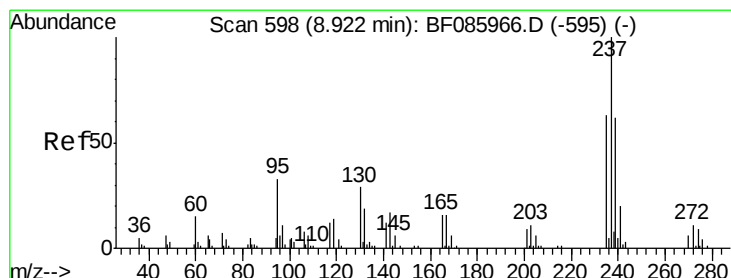
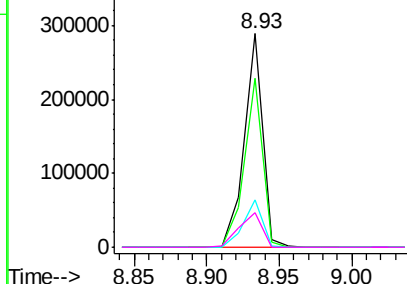
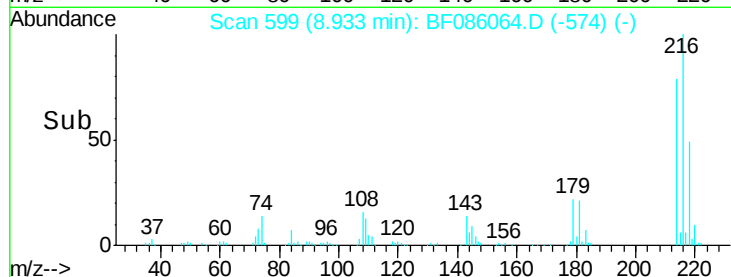
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 52.13 ng
 RT: 8.93 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF086064.D
 Acq: 5 Apr 2016 5:06

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-29COMP(0.5-15.0)MSD

Tgt Ion:	216	Resp:	252887
Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.1	94.7
179	23.3	18.2	27.2
108	20.1	17.3	25.9

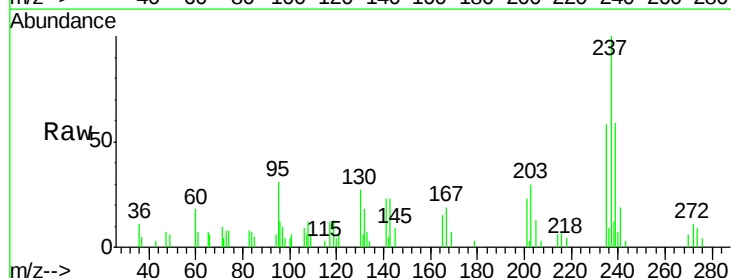


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

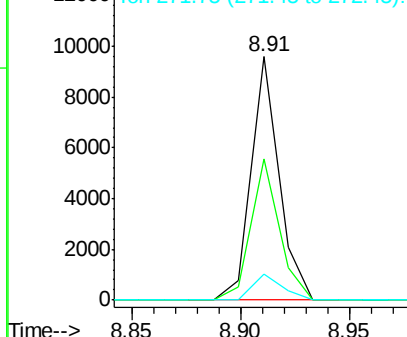
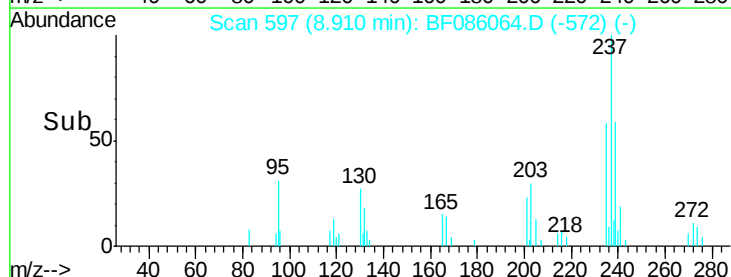


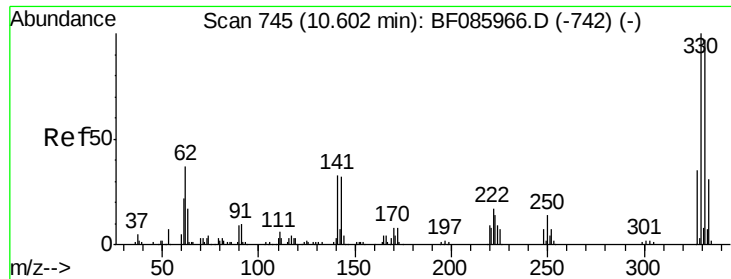
#40
 Hexachlorocyclopentadiene
 Concen: 11.78 ng
 RT: 8.91 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF086064.D
 Acq: 5 Apr 2016 5:06

Tgt Ion:	237	Resp:	8544
Ion	Ratio	Lower	Upper
237	100		
235	58.2	43.7	83.7
272	10.8	0.0	31.9



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

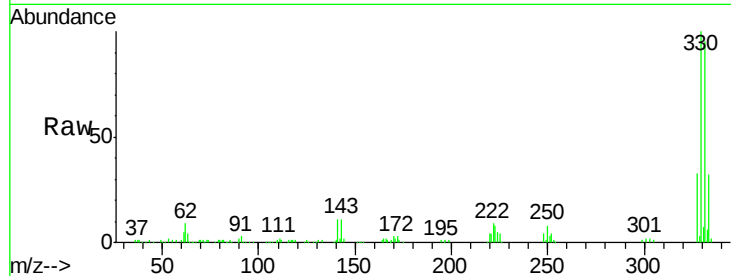




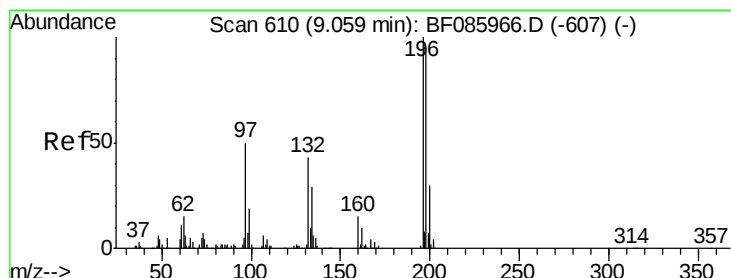
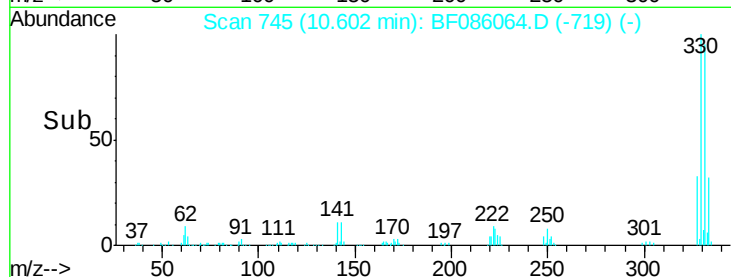
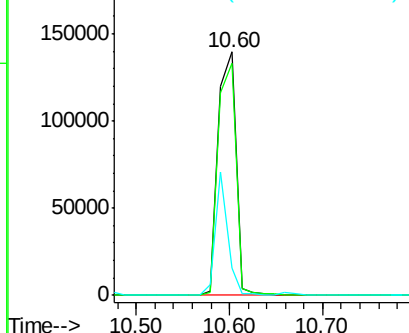
#41
 2,4,6-Tribromophenol
 Concen: 122.46 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF086064.D
 Acq: 5 Apr 2016 5:06

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-29COMP(0.5-15.0)MSD

Tgt Ion:330 Resp: 185497
 Ion Ratio Lower Upper
 330 100
 332 96.2 78.2 117.2
 141 35.4 31.5 47.3

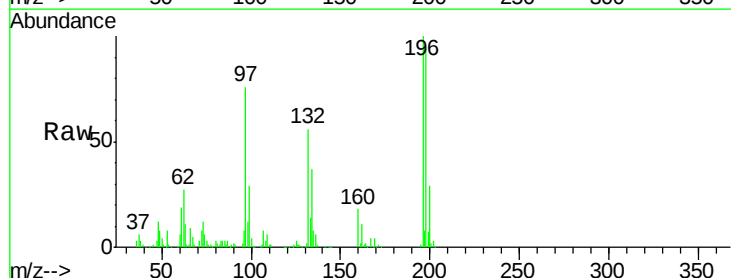


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

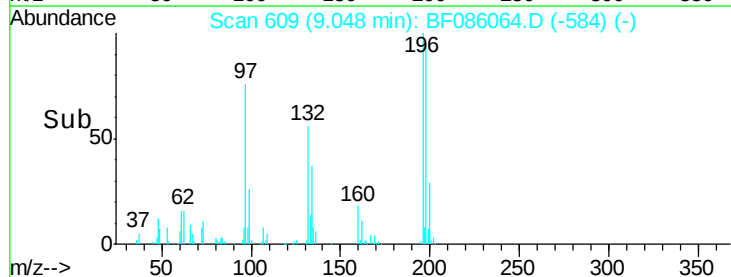
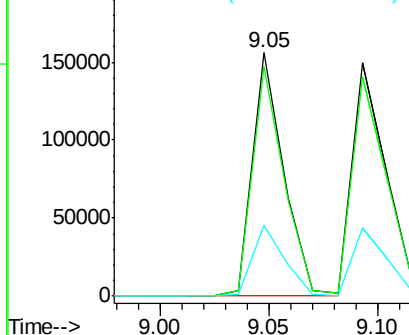


#42
 2,4,6-Trichlorophenol
 Concen: 50.18 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF086064.D
 Acq: 5 Apr 2016 5:06

Tgt Ion:196 Resp: 156317
 Ion Ratio Lower Upper
 196 100
 198 94.4 75.3 112.9
 200 29.0 23.7 35.5



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

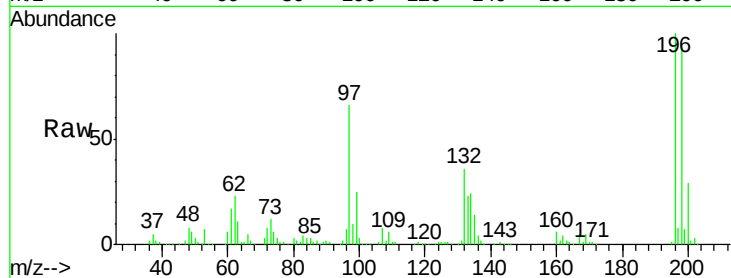




#43
 2,4,5-Trichlorophenol
 Concen: 51.88 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF086064.D
 Acq: 5 Apr 2016 5:06

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-29COMP(0.5-15.0)MSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.0	76.6	114.8
97	65.9	30.5	45.7#
132	35.8	20.2	30.2#



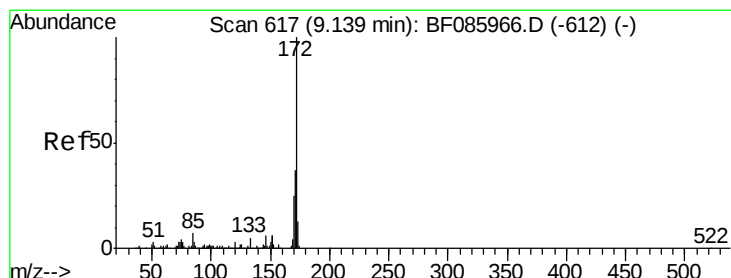
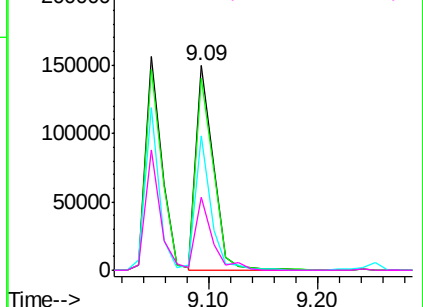
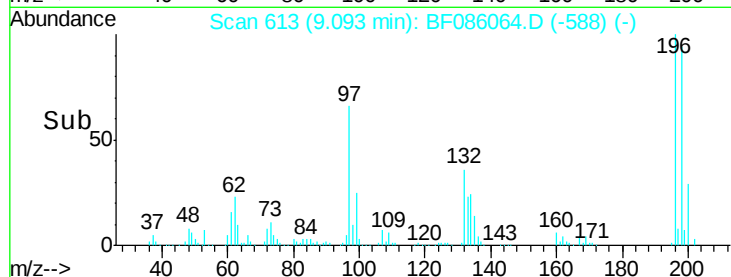
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

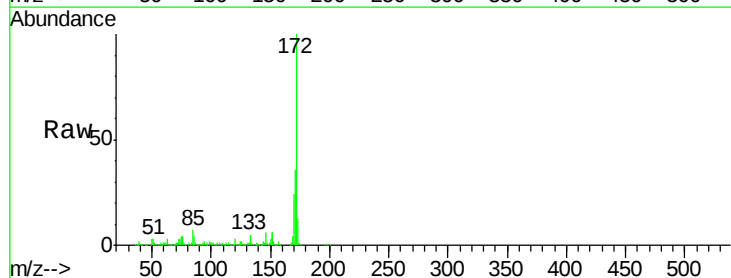
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 99.93 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086064.D
 Acq: 5 Apr 2016 5:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.2
170	24.4	19.8	29.6

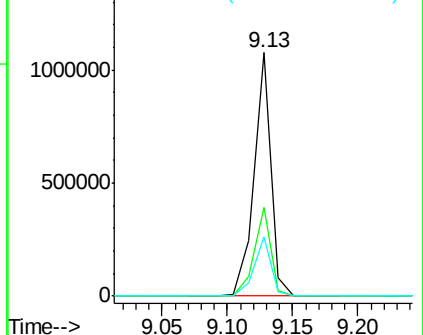
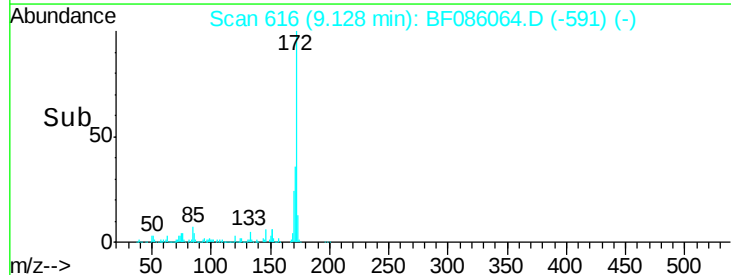


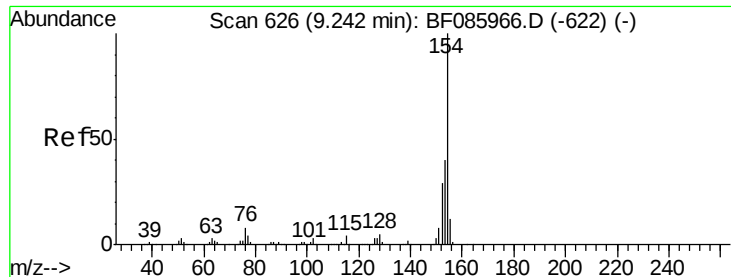
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

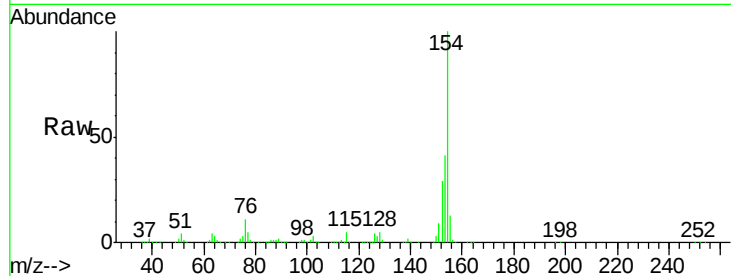




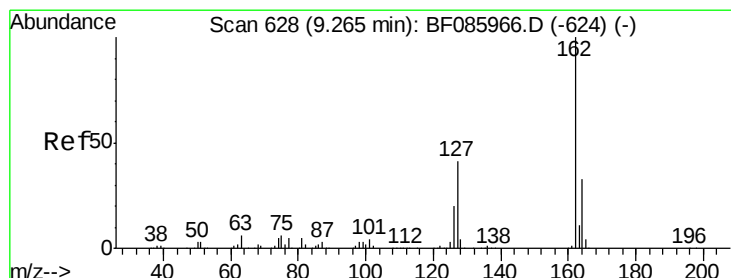
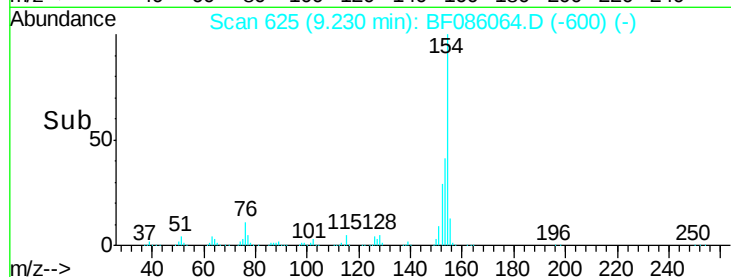
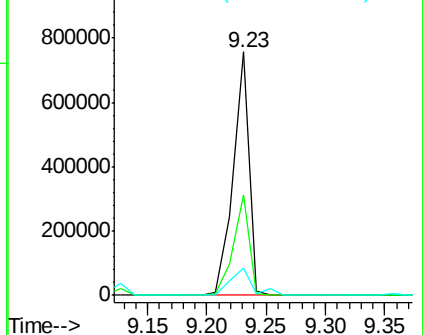
#45
 1,1'-Biphenyl
 Concen: 50.47 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF086064.D
 Acq: 5 Apr 2016 5:06

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-29COMP(0.5-15.0)MSD

Tgt Ion:154 Resp: 702291
 Ion Ratio Lower Upper
 154 100
 153 41.3 20.8 60.8
 76 11.0 0.0 36.7

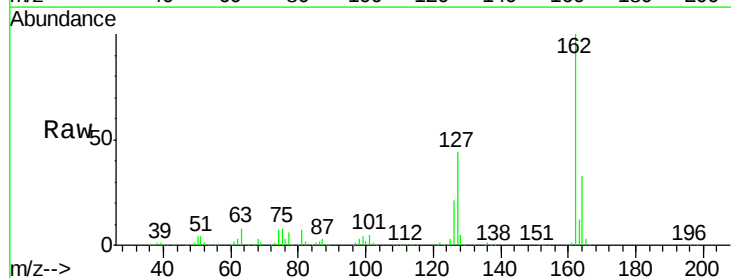


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

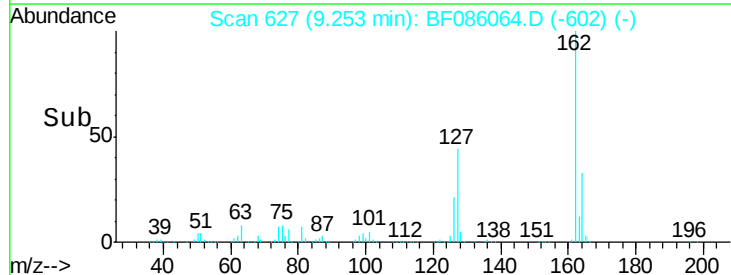
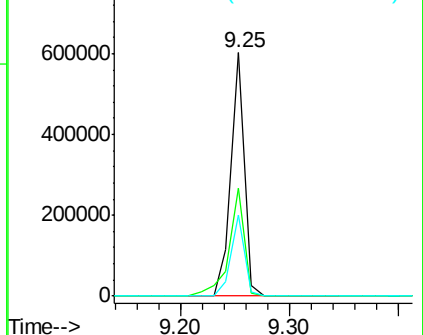


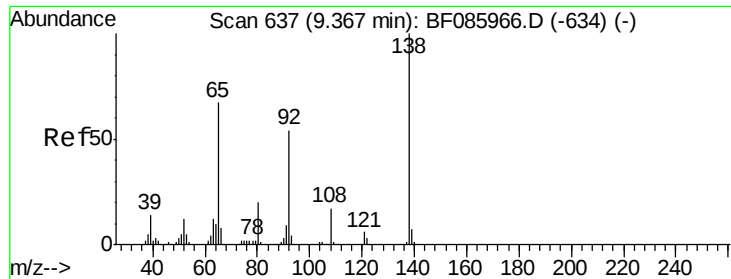
#46
 2-Chloronaphthalene
 Concen: 50.95 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF086064.D
 Acq: 5 Apr 2016 5:06

Tgt Ion:162 Resp: 513958
 Ion Ratio Lower Upper
 162 100
 127 44.3 31.7 47.5
 164 33.2 27.3 40.9



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

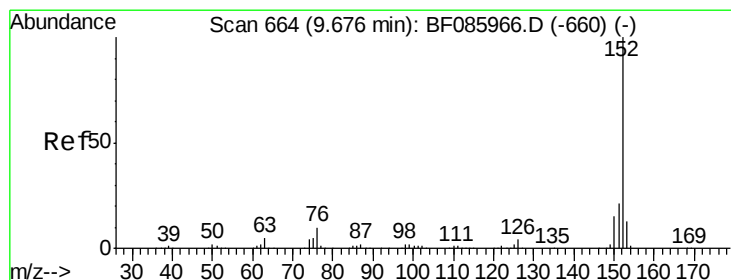
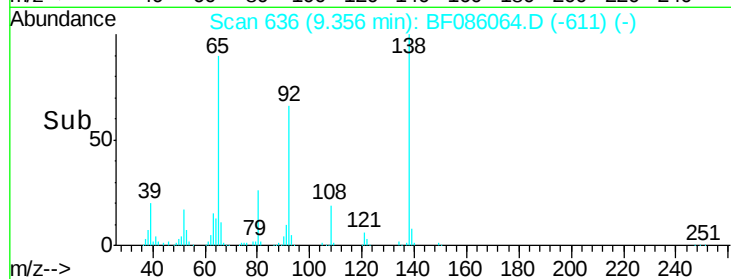
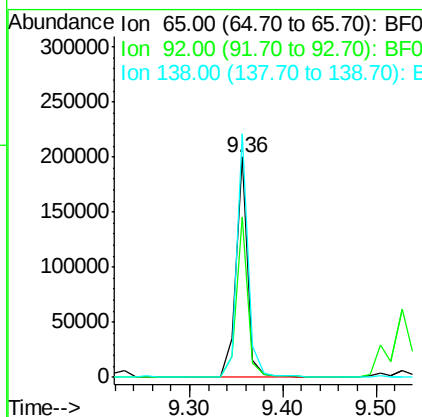
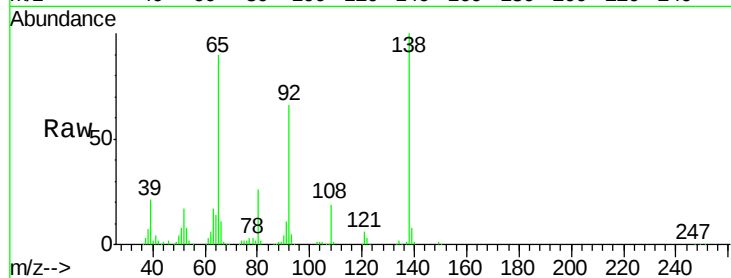




#47
2-Nitroaniline
Concen: 60.52 ng
RT: 9.36 min Scan# 636
Delta R.T. -0.01 min
Lab File: BF086064.D
Acq: 5 Apr 2016 5:06

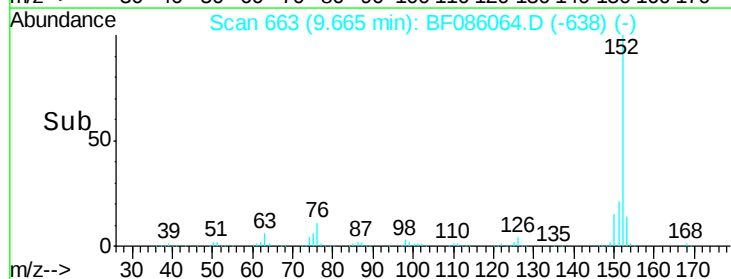
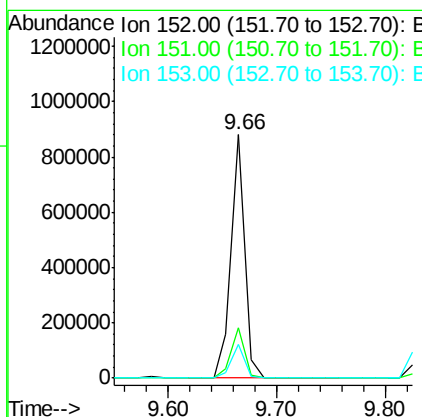
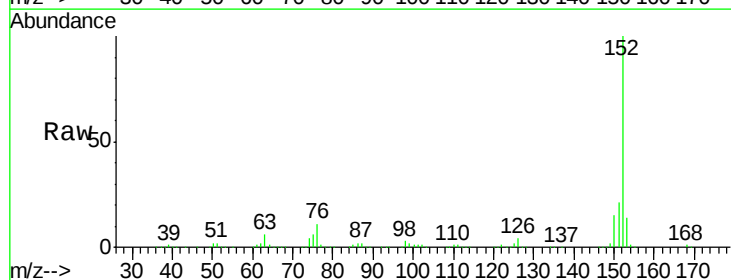
Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-29COMP(0.5-15.0)MSD

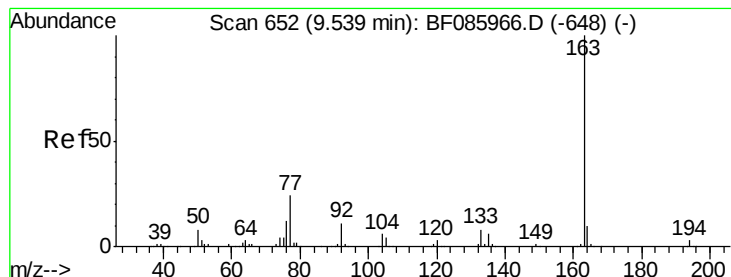
Tgt Ion: 65 Resp: 178612
Ion Ratio Lower Upper
65 100
92 72.8 59.7 89.5
138 110.6 91.4 137.0



#48
Acenaphthylene
Concen: 47.21 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF086064.D
Acq: 5 Apr 2016 5:06

Tgt Ion: 152 Resp: 762934
Ion Ratio Lower Upper
152 100
151 20.8 16.8 25.2
153 13.6 10.9 16.3





#49

Dimethylphthalate

Concen: 60.51 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.01 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-29COMP(0.5-15.0)MSD

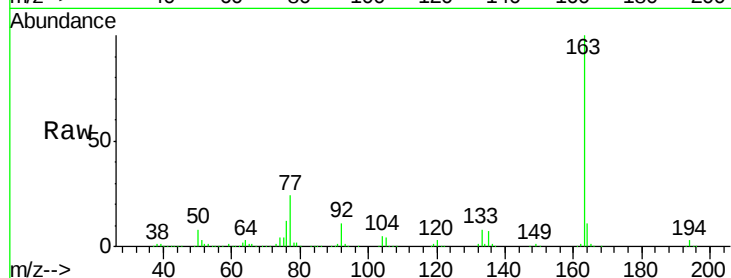
Tgt Ion:163 Resp: 723792

Ion Ratio Lower Upper

163 100

194 3.3 2.9 4.3

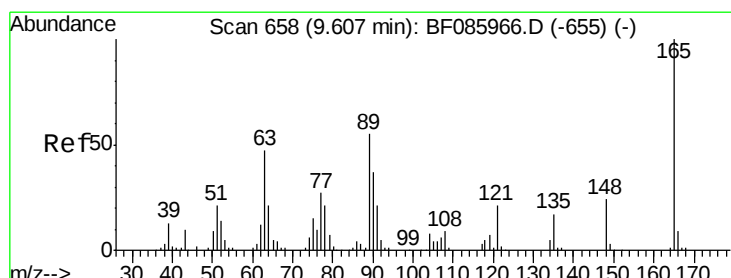
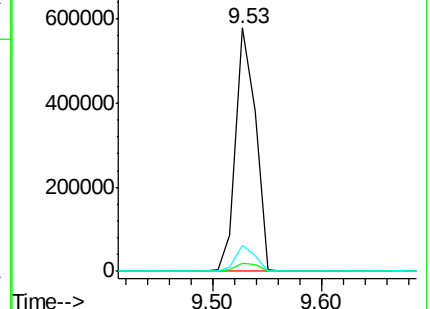
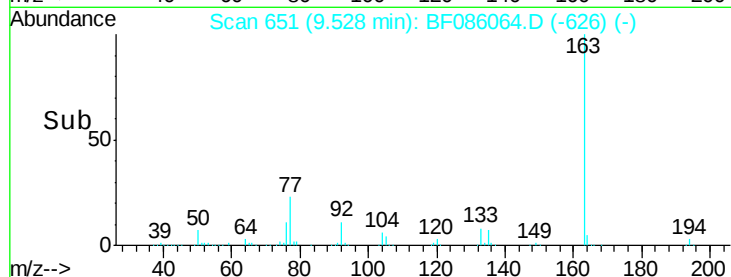
164 10.6 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.34 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.01 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

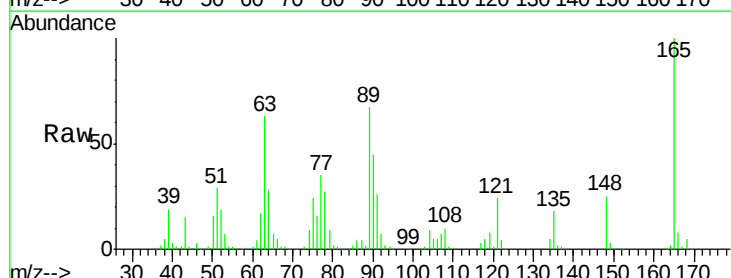
Tgt Ion:165 Resp: 107164

Ion Ratio Lower Upper

165 100

63 62.9 51.8 77.8

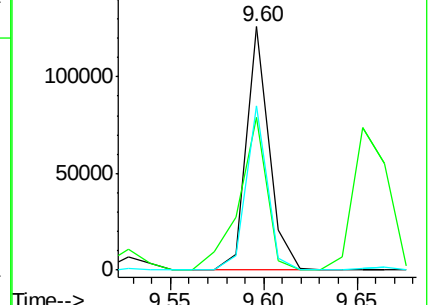
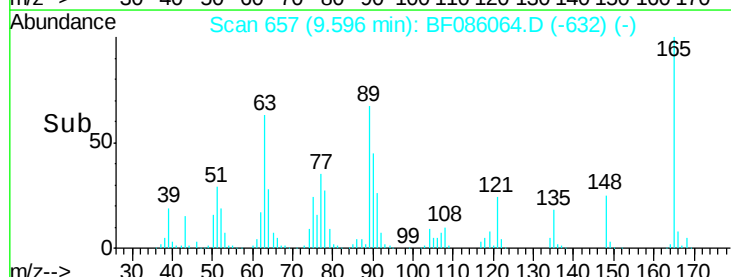
89 67.2 53.7 80.5

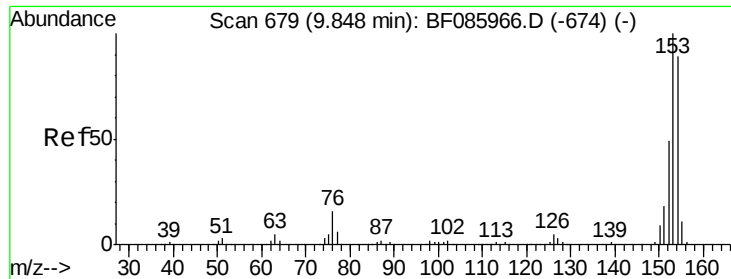


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 46.94 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-29COMP(0.5-15.0)MSD

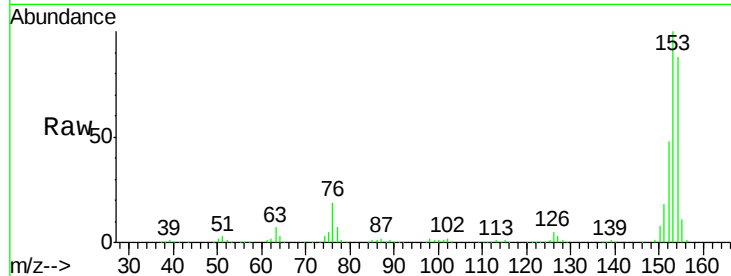
Tgt Ion:154 Resp: 451143

Ion Ratio Lower Upper

154 100

153 113.5 90.1 135.1

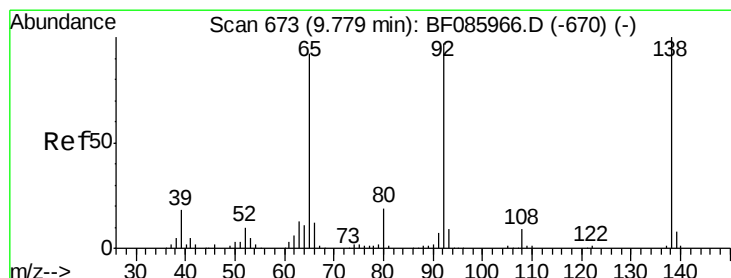
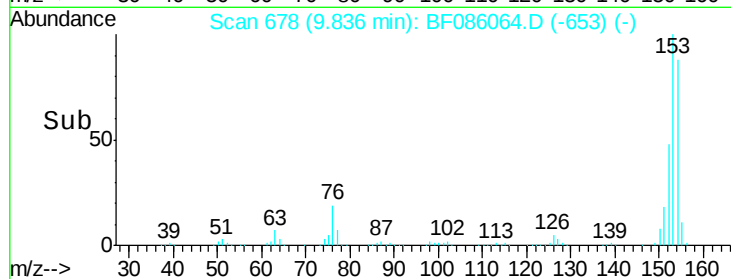
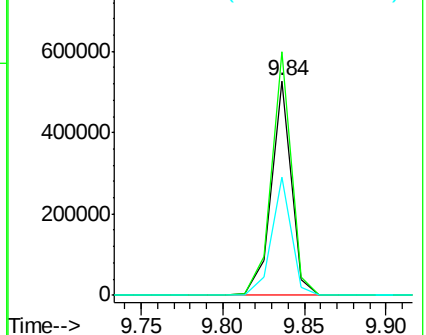
152 54.9 44.2 66.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 46.13 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

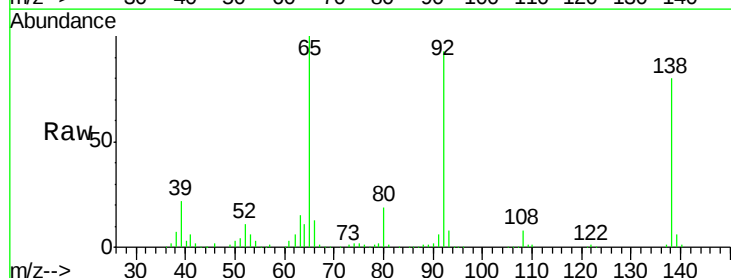
Tgt Ion:138 Resp: 140716

Ion Ratio Lower Upper

138 100

108 10.4 8.7 13.1

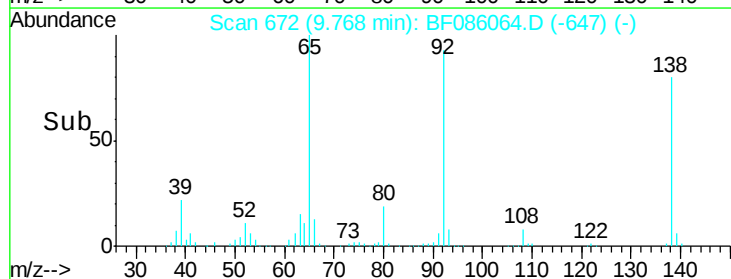
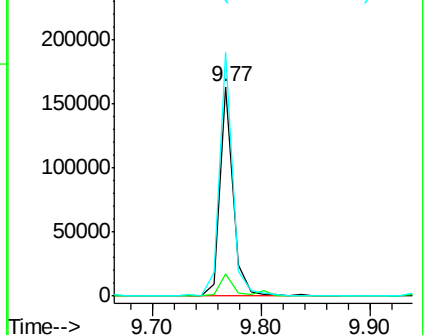
92 116.5 93.3 139.9

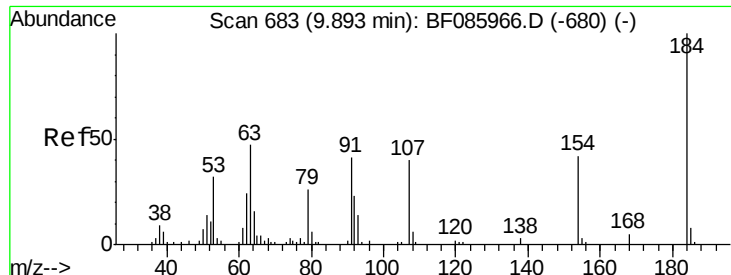


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

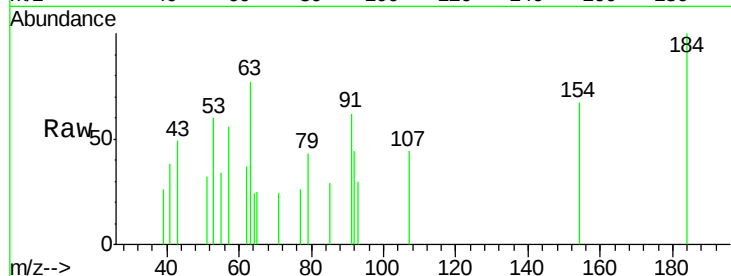




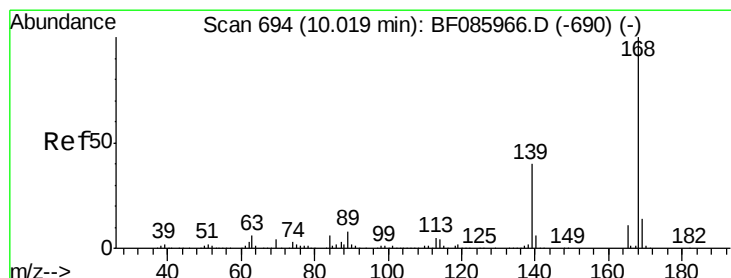
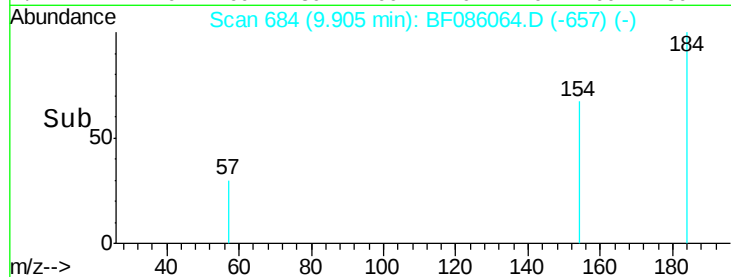
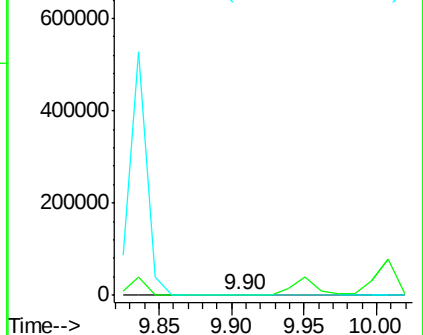
#53
 2,4-Dinitrophenol
 Concen: 5.41 ng
 RT: 9.90 min Scan# 684
 Delta R.T. 0.01 min
 Lab File: BF086064.D
 Acq: 5 Apr 2016 5:06

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-29COMP(0.5-15.0)MSD

Tgt Ion:184 Resp: 3164
 Ion Ratio Lower Upper
 184 100
 63 76.6 69.5 104.3
 154 66.5 58.3 87.5

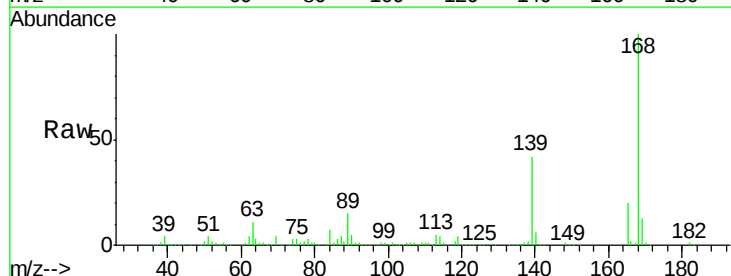


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

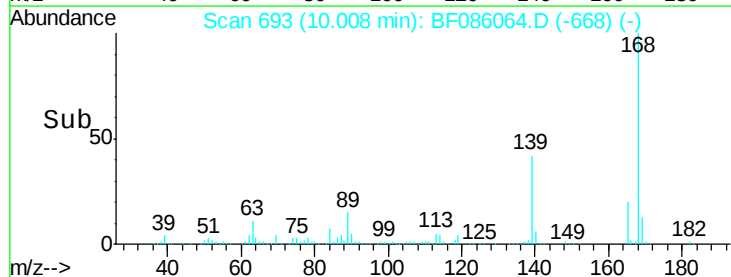
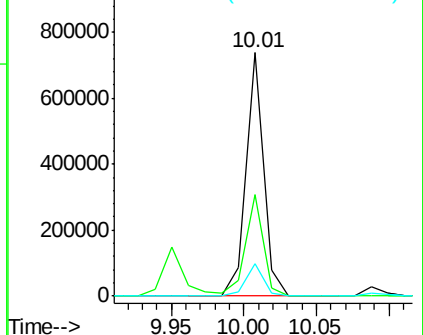


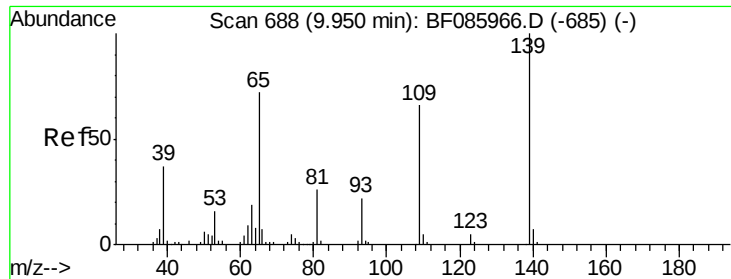
#54
 Dibenzofuran
 Concen: 49.16 ng
 RT: 10.01 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF086064.D
 Acq: 5 Apr 2016 5:06

Tgt Ion:168 Resp: 623896
 Ion Ratio Lower Upper
 168 100
 139 41.5 31.9 47.9
 169 13.4 11.0 16.6



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

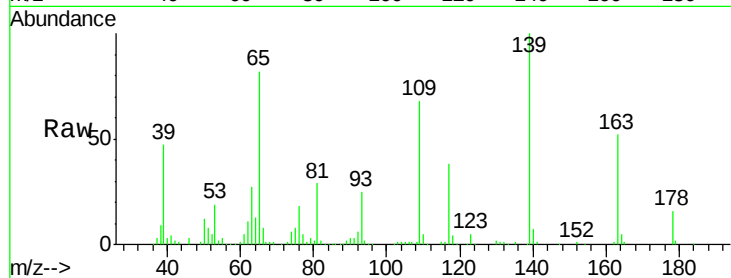




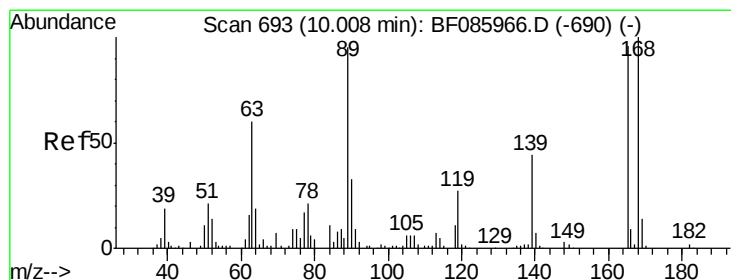
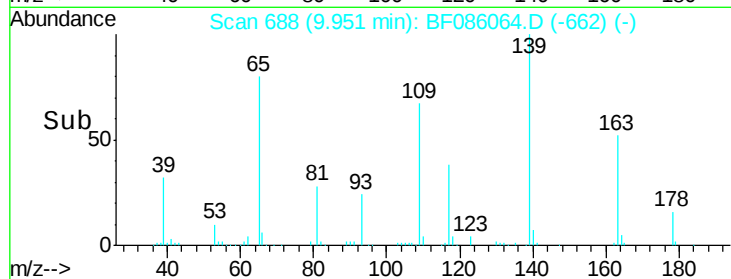
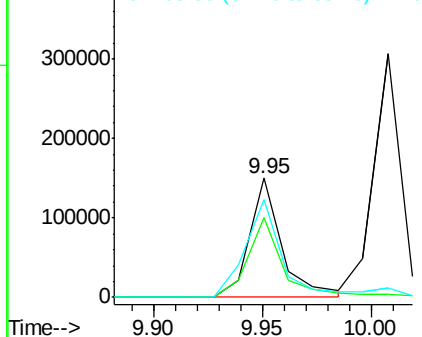
#55
4-Nitrophenol
Concen: 85.64 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF086064.D
Acq: 5 Apr 2016 5:06

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-29COMP(0.5-15.0)MSD

Tgt Ion:139 Resp: 154002
Ion Ratio Lower Upper
139 100
109 67.6 49.2 89.2
65 82.4 66.9 106.9

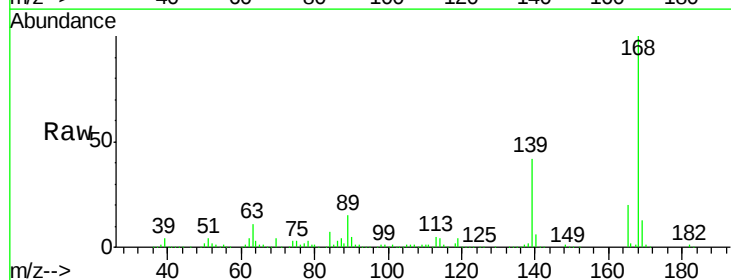


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

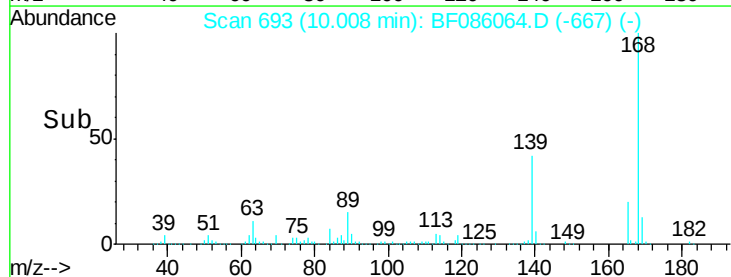
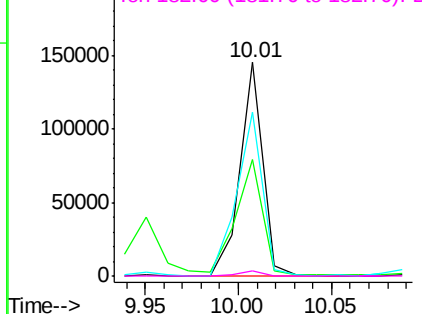


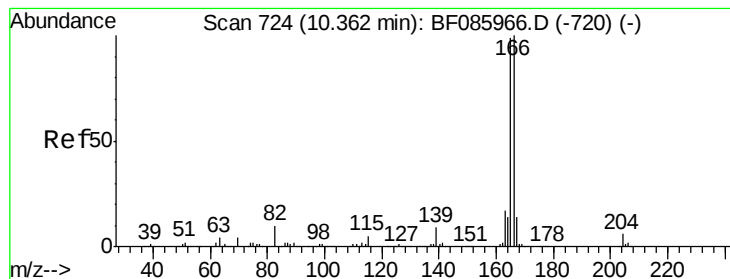
#56
2,4-Dinitrotoluene
Concen: 38.76 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF086064.D
Acq: 5 Apr 2016 5:06

Tgt Ion:165 Resp: 123959
Ion Ratio Lower Upper
165 100
63 54.7 24.9 37.3#
89 76.8 41.0 61.6#
182 2.6 2.1 3.1



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
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 44.60 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-29COMP(0.5-15.0)MSD

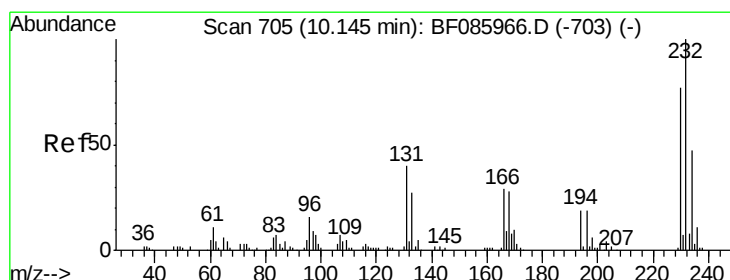
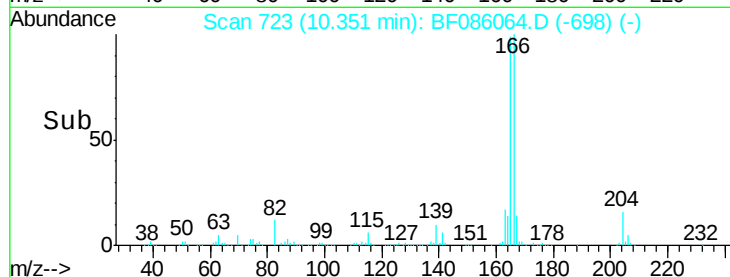
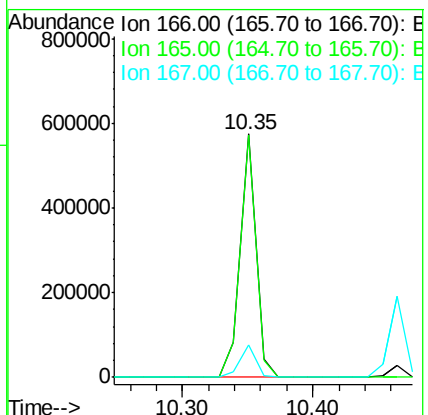
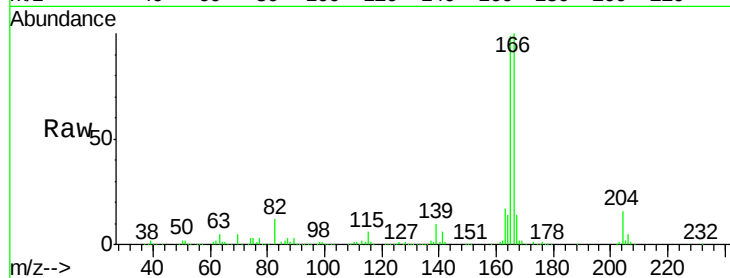
Tgt Ion:166 Resp: 483580

Ion Ratio Lower Upper

166 100

165 99.4 79.4 119.0

167 13.5 11.0 16.4



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.08 ng

RT: 10.13 min Scan# 704

Delta R.T. -0.01 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Tgt Ion:232 Resp: 115574

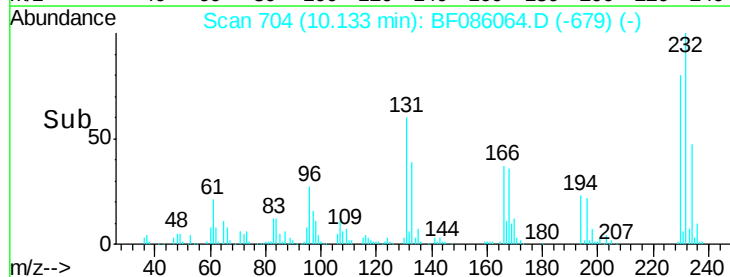
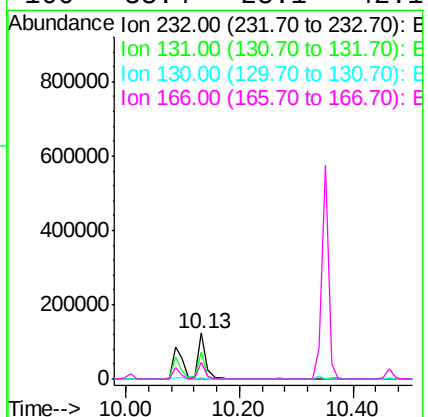
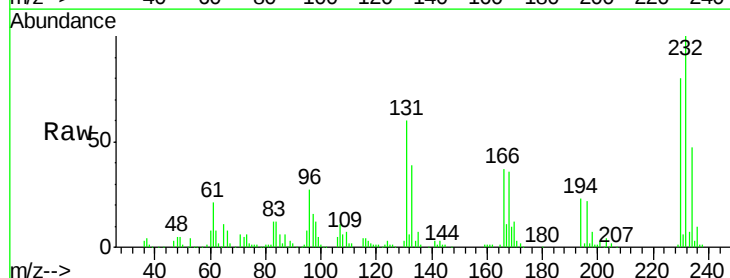
Ion Ratio Lower Upper

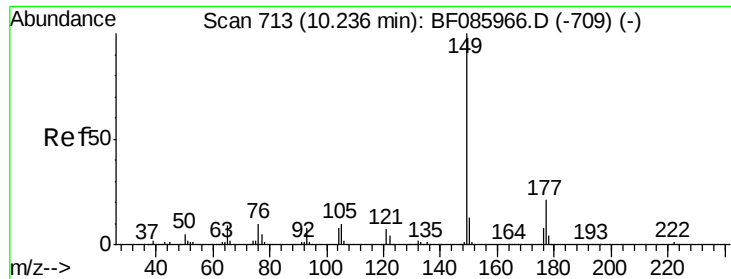
232 100

131 55.2 44.9 67.3

130 2.5 2.3 3.5

166 33.4 28.1 42.1

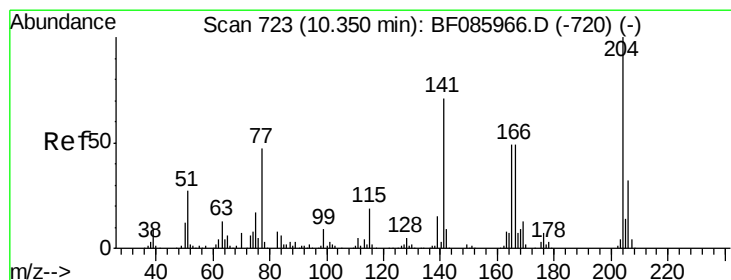
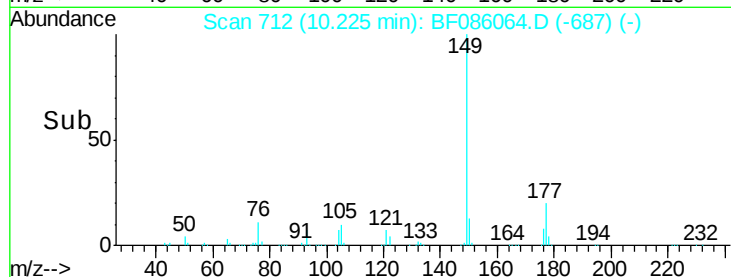
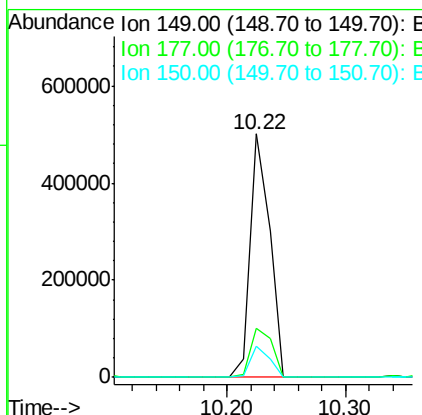
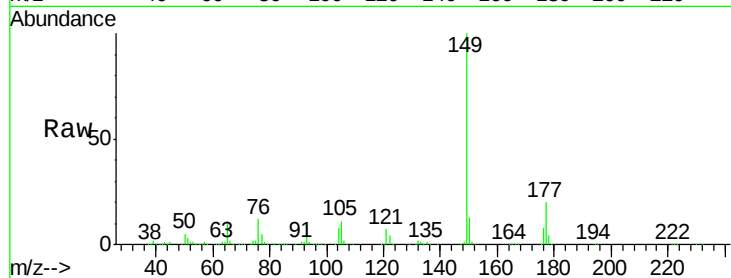




#59
Diethylphthalate
Concen: 48.04 ng
RT: 10.22 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF086064.D
Acq: 5 Apr 2016 5:06

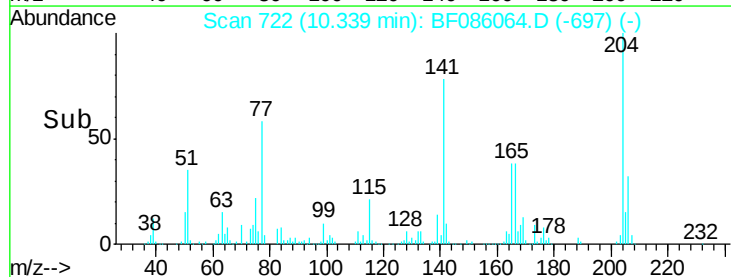
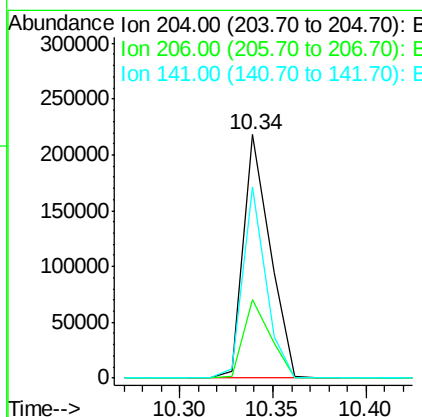
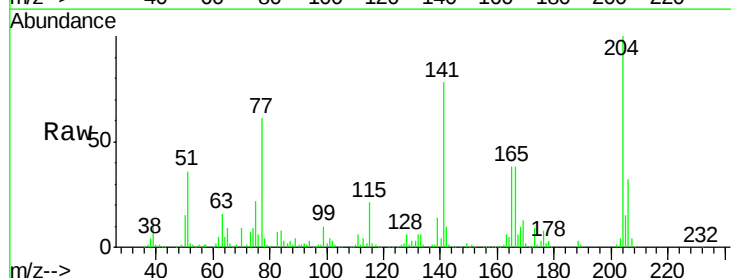
Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-29COMP(0.5-15.0)MSD

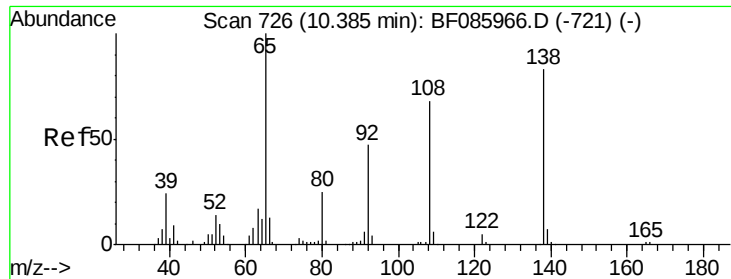
Tgt Ion:149 Resp: 580005
Ion Ratio Lower Upper
149 100
177 20.2 17.9 26.9
150 12.8 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 43.46 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF086064.D
Acq: 5 Apr 2016 5:06

Tgt Ion:204 Resp: 219484
Ion Ratio Lower Upper
204 100
206 32.0 26.6 39.8
141 78.3 57.4 86.0

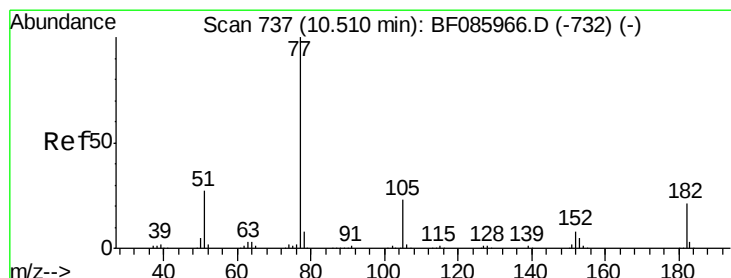
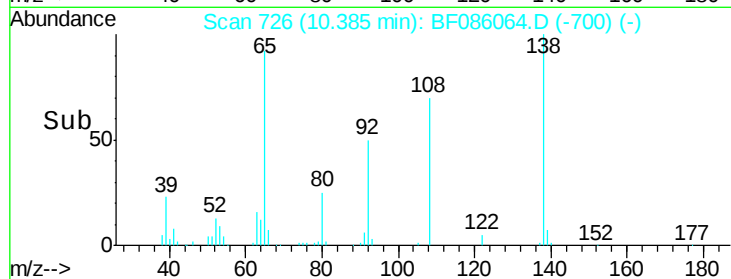
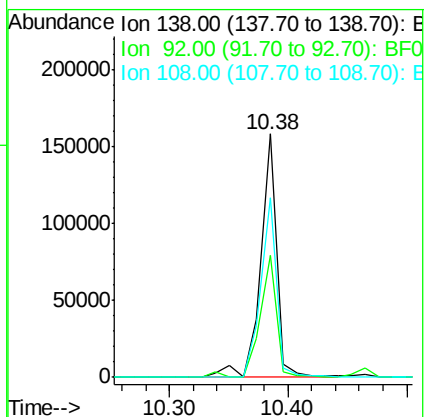
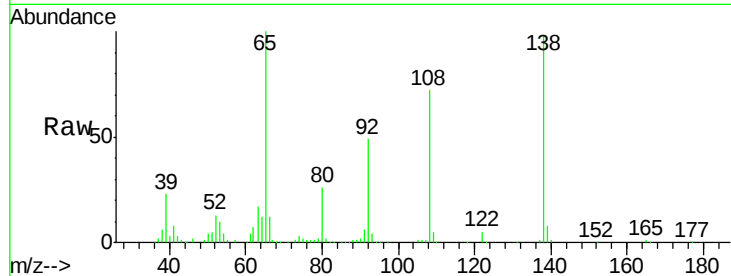




#61
4-Nitroaniline
Concen: 50.58 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF086064.D
Acq: 5 Apr 2016 5:06

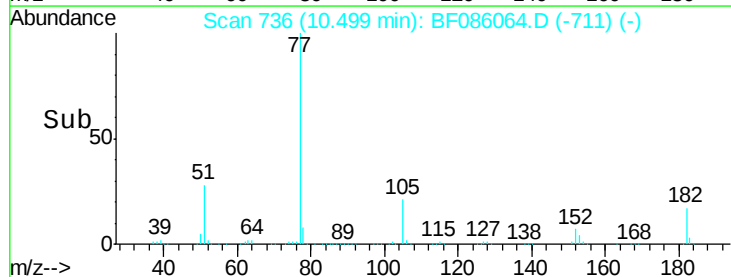
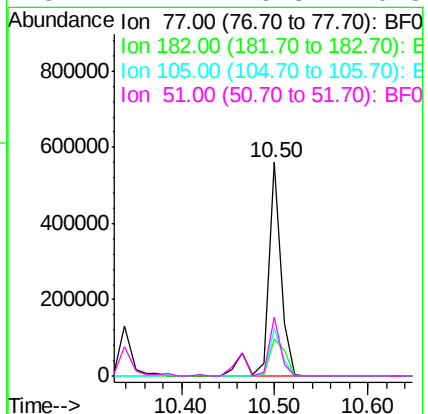
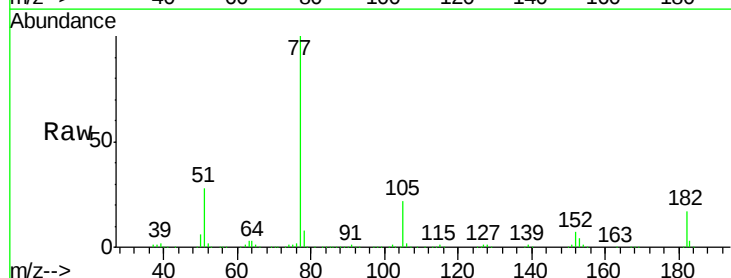
Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-29COMP(0.5-15.0)MSD

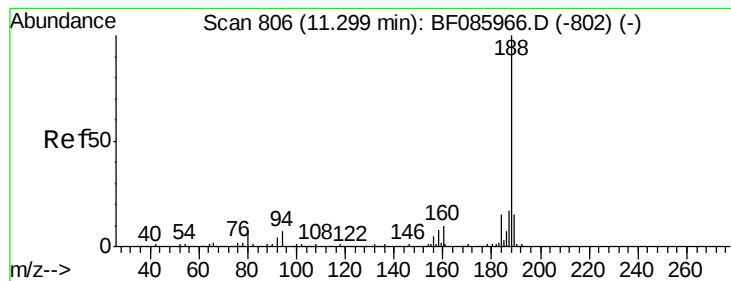
Tgt Ion:138 Resp: 151931
Ion Ratio Lower Upper
138 100
92 50.2 26.4 66.4
108 73.6 49.0 89.0



#62
Azobenzene
Concen: 48.74 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF086064.D
Acq: 5 Apr 2016 5:06

Tgt Ion: 77 Resp: 563612
Ion Ratio Lower Upper
77 100
182 17.4 1.9 41.9
105 22.0 3.5 43.5
51 27.7 6.3 46.3





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-29COMP(0.5-15.0)MSD

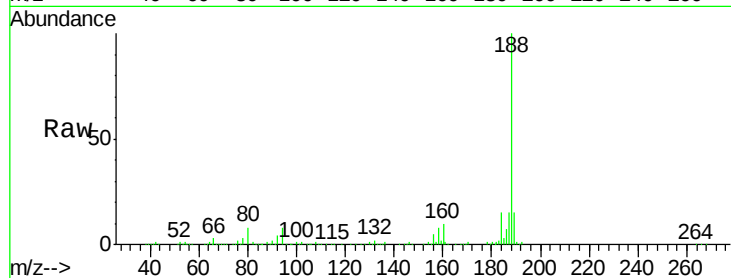
Tgt Ion:188 Resp: 253839

Ion Ratio Lower Upper

188 100

94 7.6 5.4 8.0

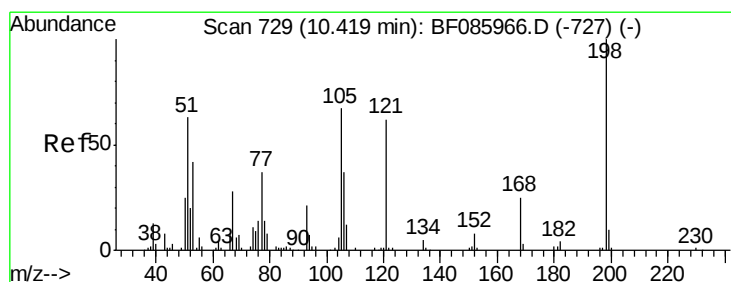
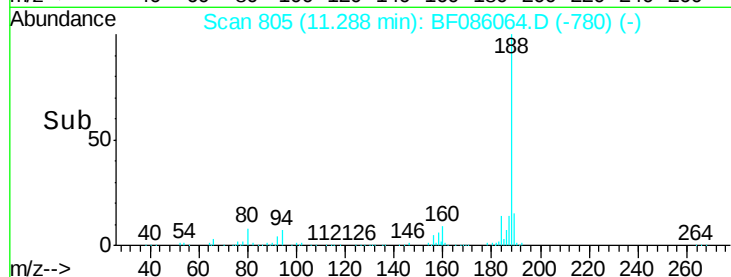
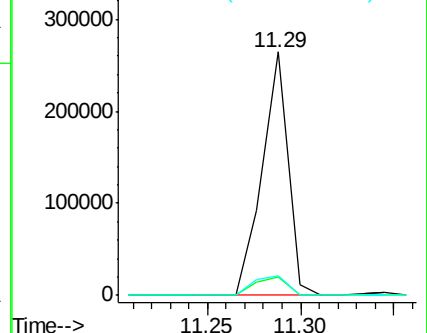
80 7.9 5.5 8.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 3.64 ng

RT: 10.42 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

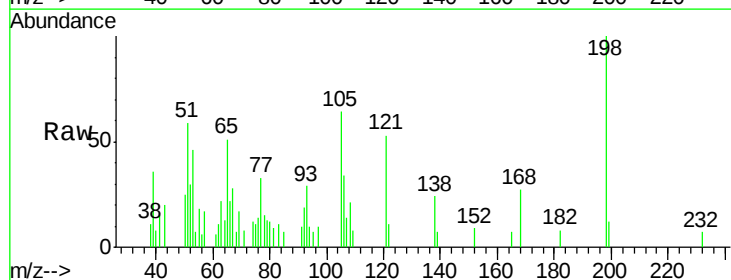
Tgt Ion:198 Resp: 5605

Ion Ratio Lower Upper

198 100

51 59.3 45.4 85.4

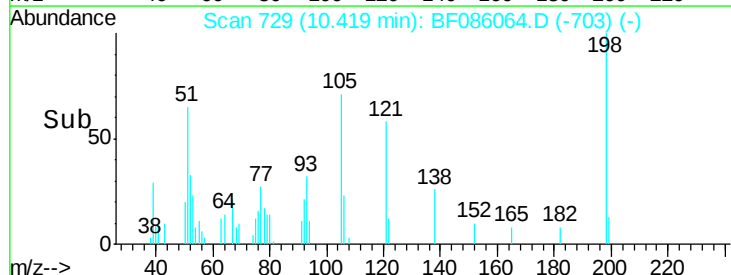
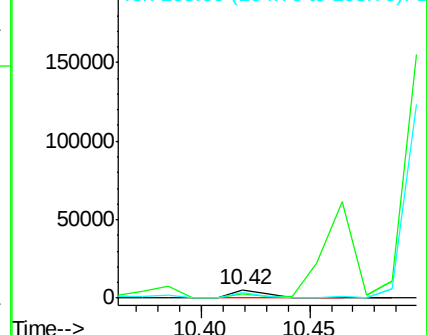
105 64.3 45.9 85.9

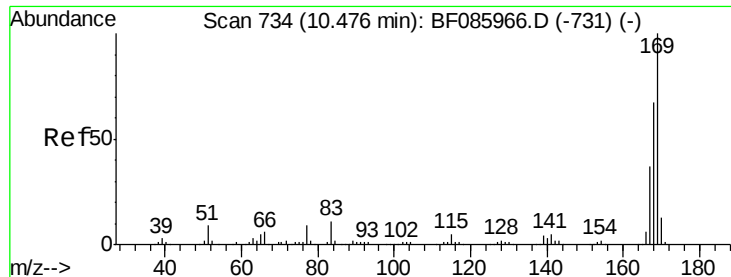


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

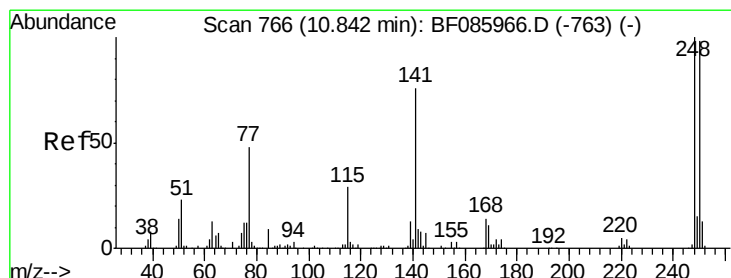
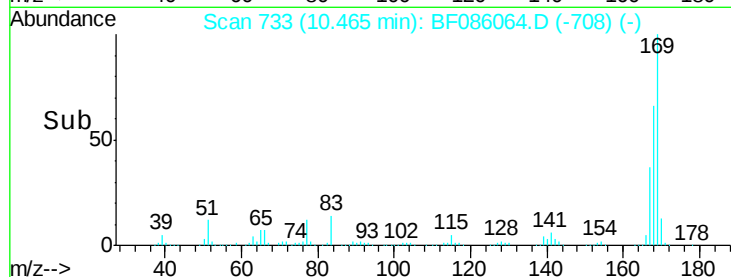
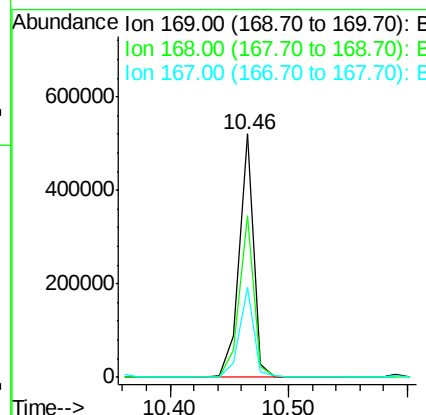
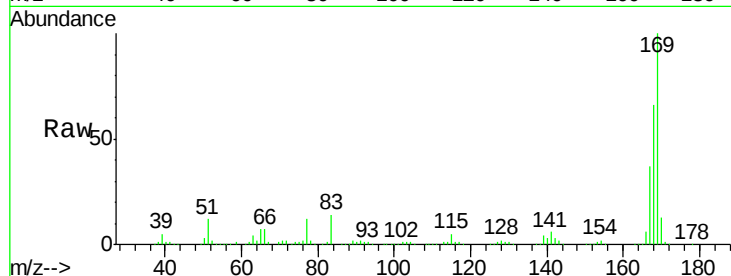




#65
 n-Nitrosodiphenylamine
 Concen: 55.54 ng
 RT: 10.46 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF086064.D
 Acq: 5 Apr 2016 5:06

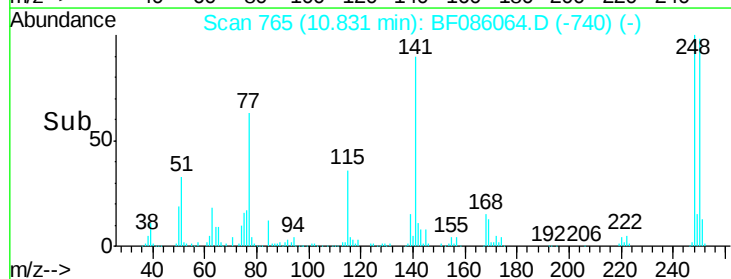
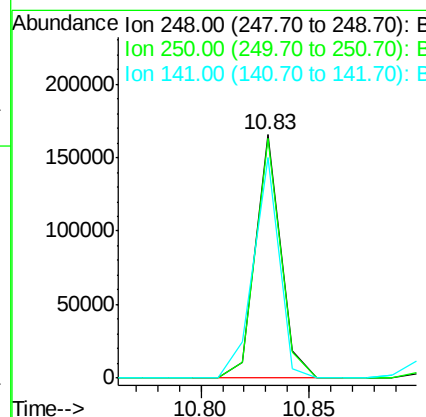
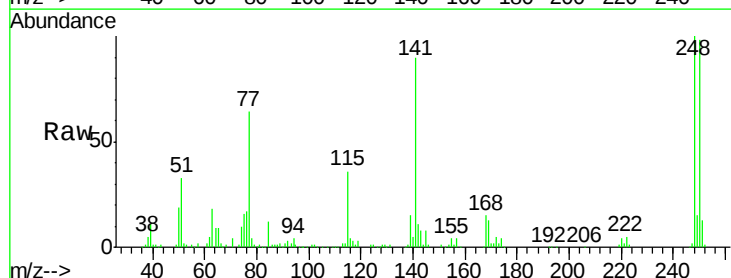
Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-29COMP(0.5-15.0)MSD

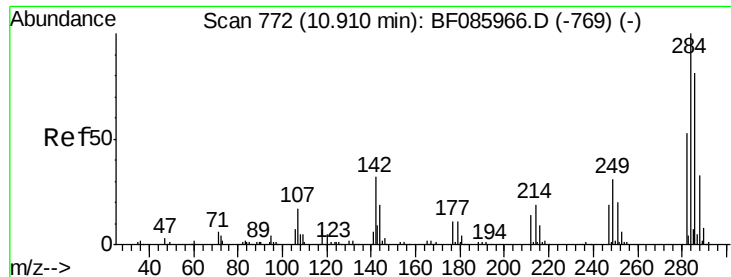
Tgt Ion:169 Resp: 440893
 Ion Ratio Lower Upper
 169 100
 168 66.5 54.4 81.6
 167 36.7 29.4 44.0



#66
 4-Bromophenyl-phenylether
 Concen: 51.73 ng
 RT: 10.83 min Scan# 765
 Delta R.T. -0.01 min
 Lab File: BF086064.D
 Acq: 5 Apr 2016 5:06

Tgt Ion:248 Resp: 134052
 Ion Ratio Lower Upper
 248 100
 250 98.4 77.4 116.0
 141 90.5 63.6 95.4

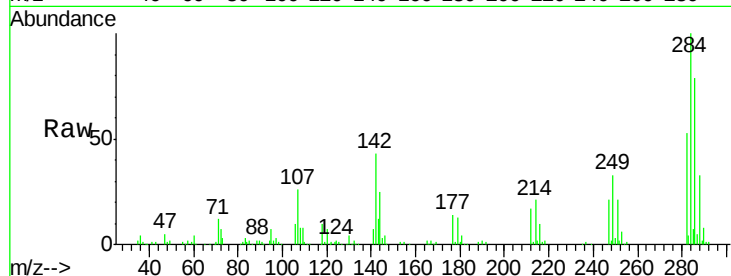




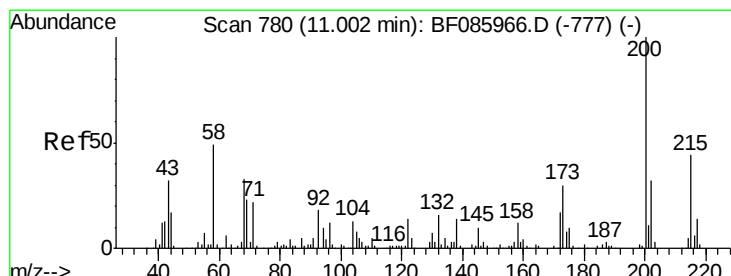
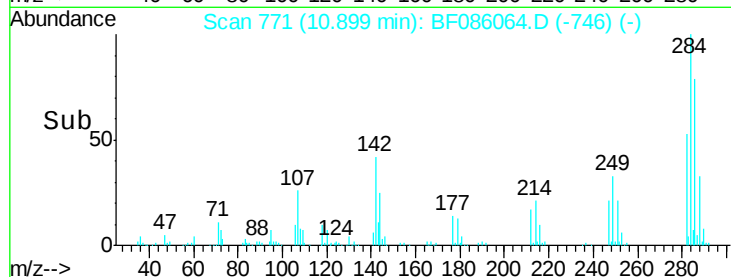
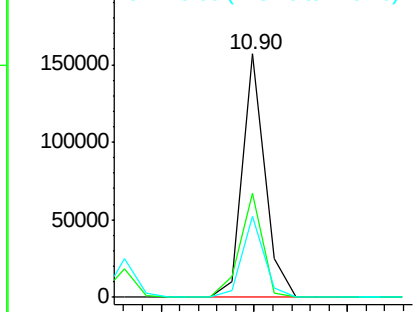
#67
Hexachlorobenzene
Concen: 49.37 ng
RT: 10.90 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF086064.D
Acq: 5 Apr 2016 5:06

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-29COMP(0.5-15.0)MSD

Tgt Ion:284 Resp: 132299
Ion Ratio Lower Upper
284 100
142 42.7 23.1 34.7#
249 33.4 24.2 36.2

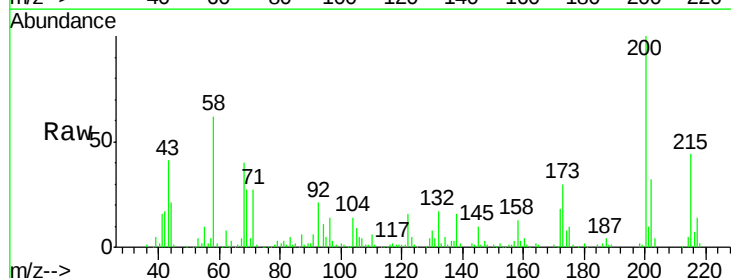


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

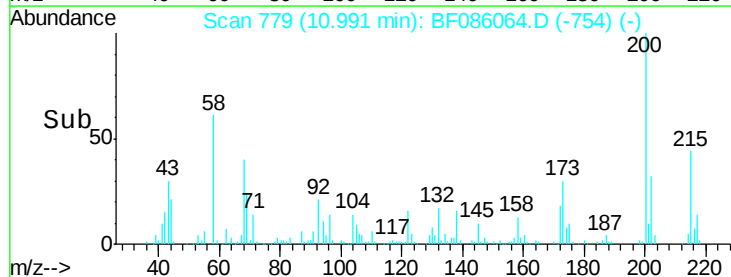
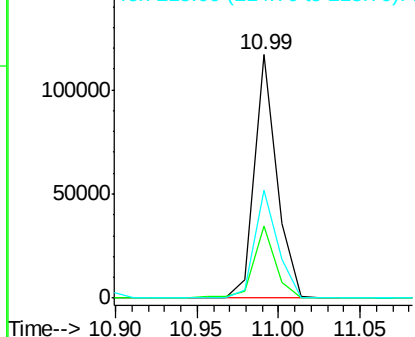


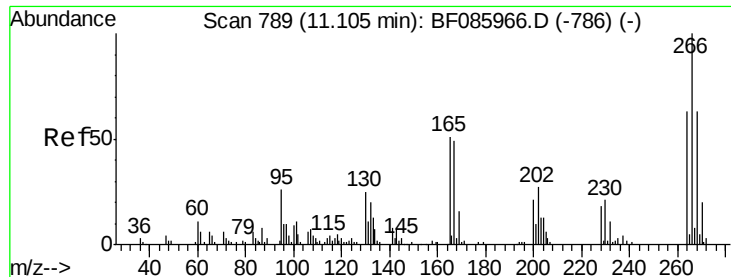
#68
Atrazine
Concen: 43.46 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF086064.D
Acq: 5 Apr 2016 5:06

Tgt Ion:200 Resp: 111483
Ion Ratio Lower Upper
200 100
173 29.6 7.7 47.7
215 44.4 25.4 65.4



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

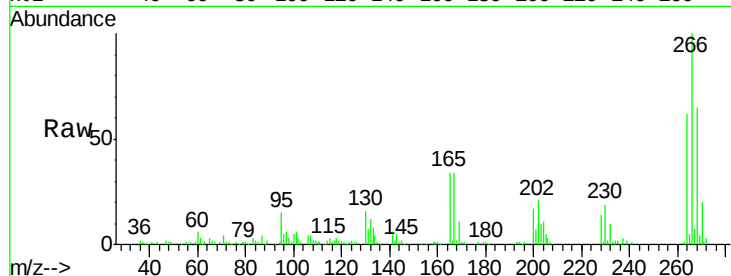




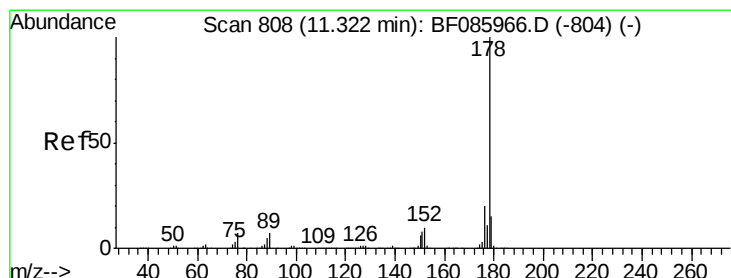
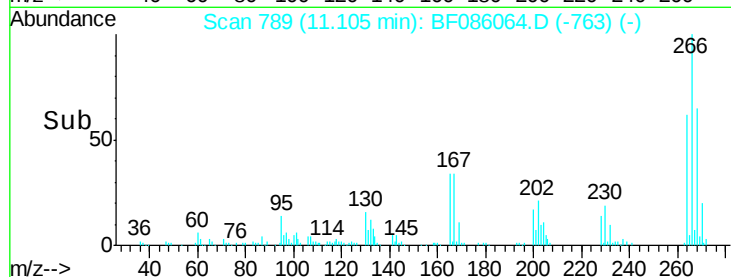
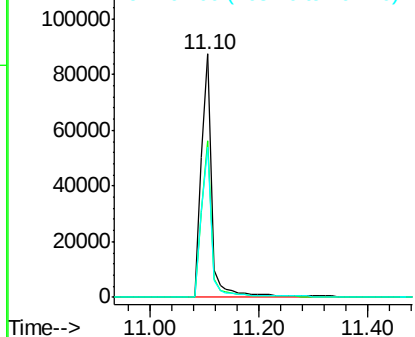
#69
 Pentachlorophenol
 Concen: 92.70 ng
 RT: 11.10 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF086064.D
 Acq: 5 Apr 2016 5:06

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-29COMP(0.5-15.0)MSD

Tgt Ion:266 Resp: 116426
 Ion Ratio Lower Upper
 266 100
 268 64.5 51.5 77.3
 264 61.6 50.6 76.0

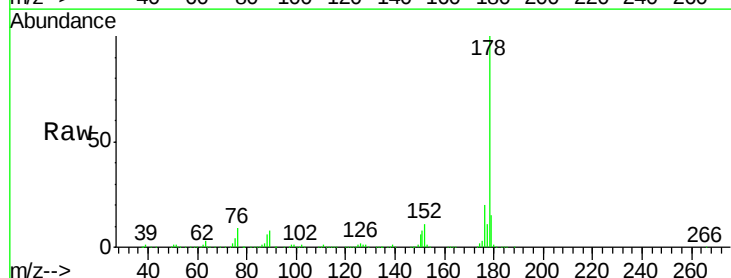


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

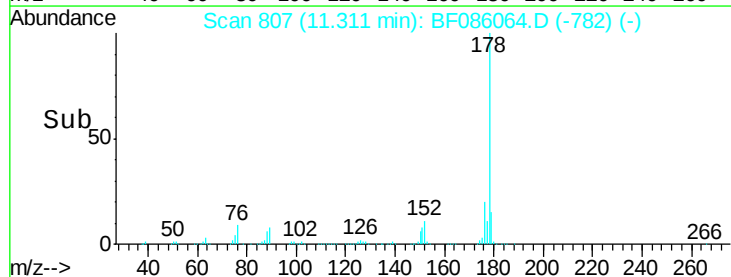
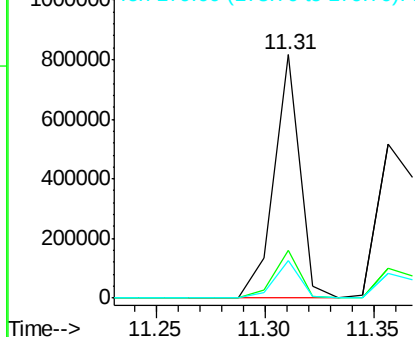


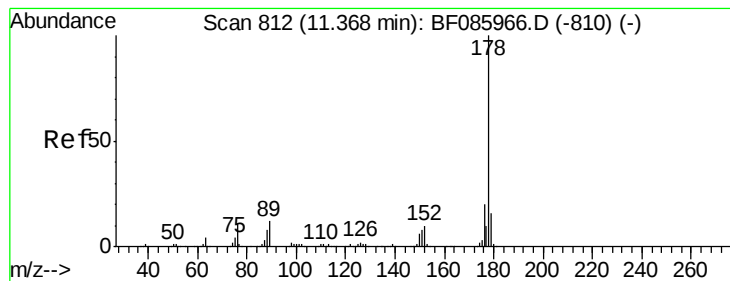
#70
 Phenanthrene
 Concen: 49.17 ng
 RT: 11.31 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF086064.D
 Acq: 5 Apr 2016 5:06

Tgt Ion:178 Resp: 680951
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.3 24.5
 179 15.3 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: 44.86 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-29COMP(0.5-15.0)MSD

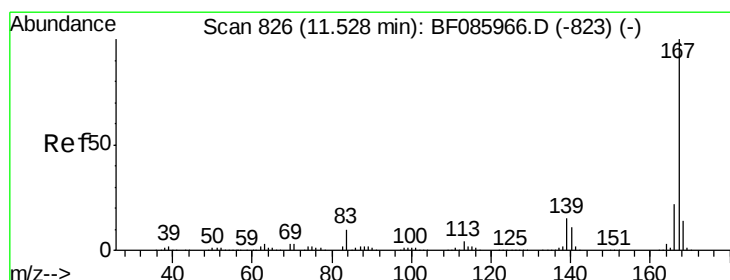
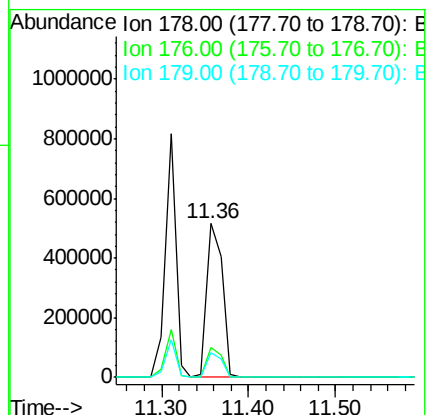
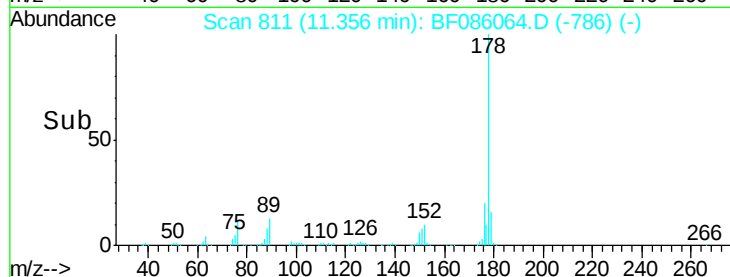
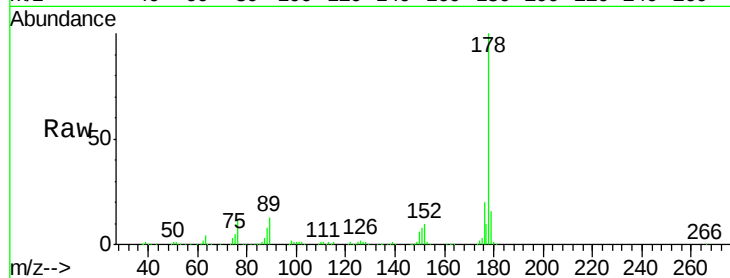
Tgt Ion:178 Resp: 650824

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

179 15.9 13.0 19.4



#72

Carbazole

Concen: 46.75 ng

RT: 11.52 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

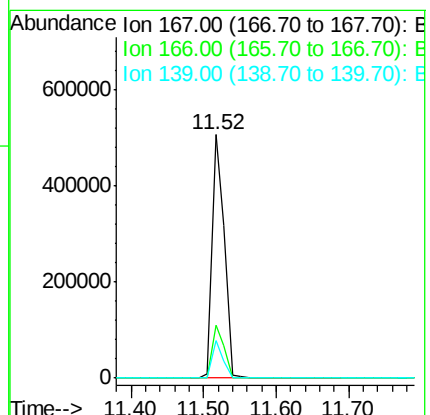
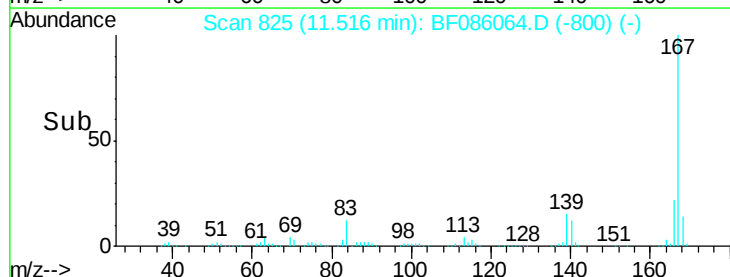
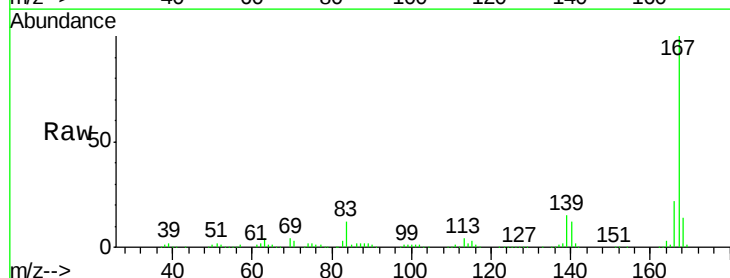
Tgt Ion:167 Resp: 582909

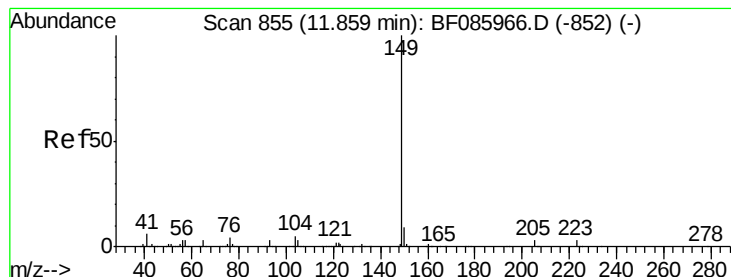
Ion Ratio Lower Upper

167 100

166 21.7 17.8 26.8

139 15.5 11.6 17.4





#73

Di-n-butylphthalate

Concen: 52.05 ng

RT: 11.85 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-29COMP(0.5-15.0)MSD

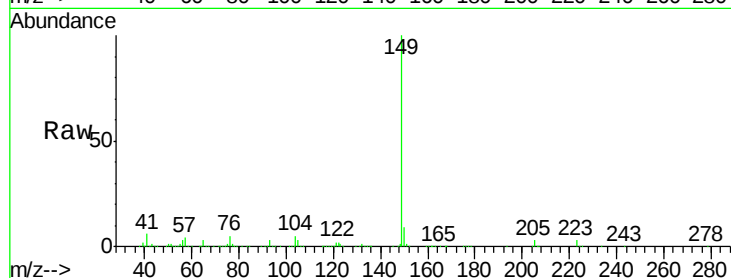
Tgt Ion:149 Resp: 804307

Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

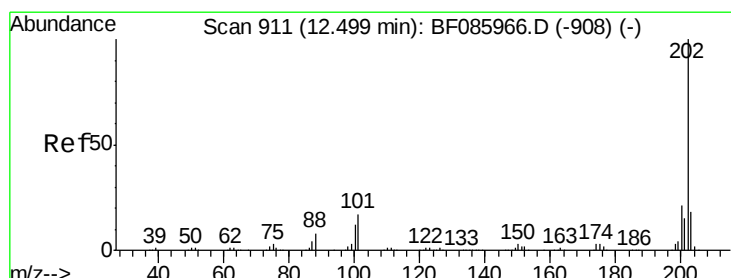
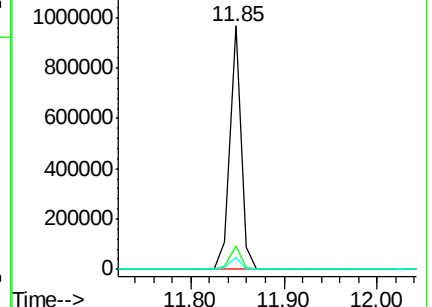
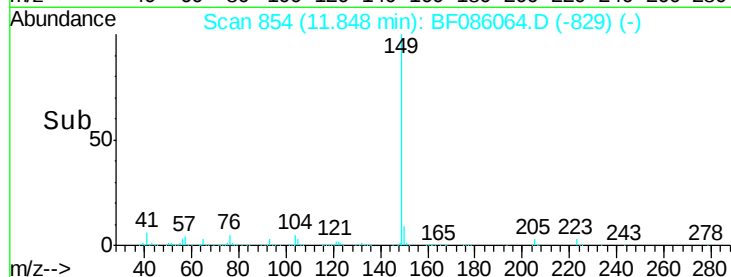
104 5.0 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.02 ng

RT: 12.50 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

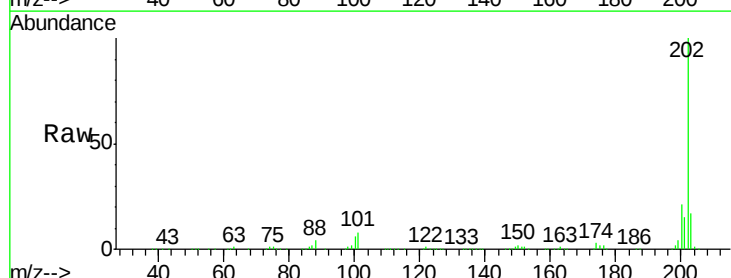
Tgt Ion:202 Resp: 648382

Ion Ratio Lower Upper

202 100

101 8.2 0.0 36.6

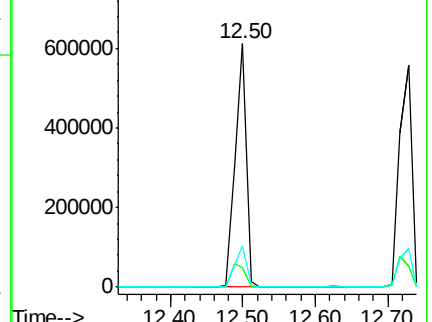
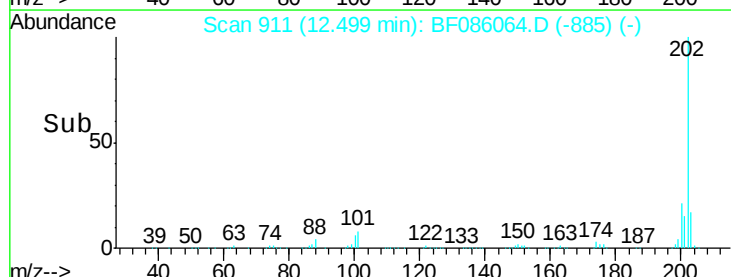
203 17.2 0.0 38.1

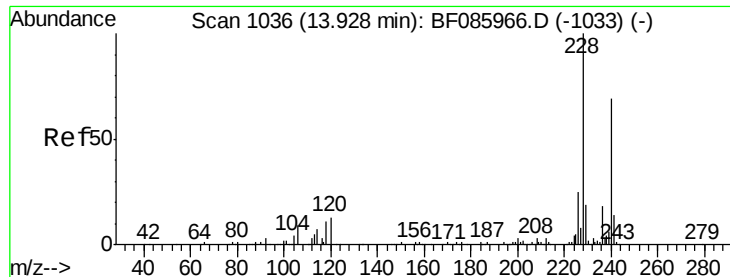


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-29COMP(0.5-15.0)MSD

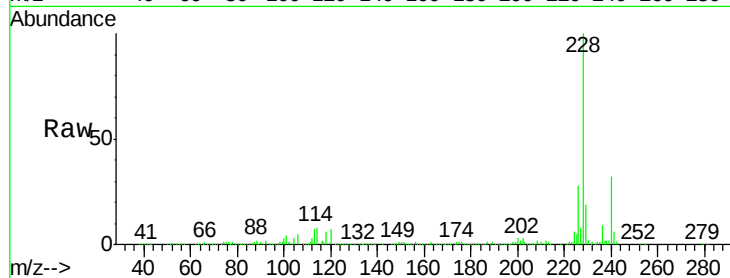
Tgt Ion:240 Resp: 174583

Ion Ratio Lower Upper

240 100

120 20.7 13.8 20.8

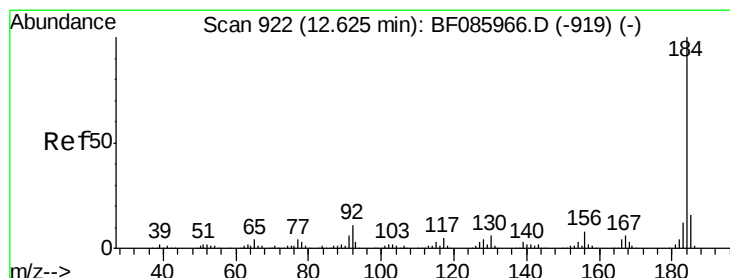
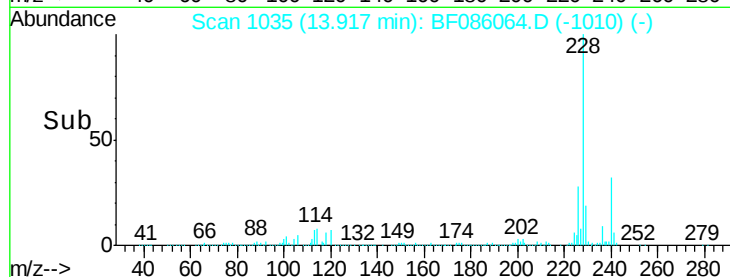
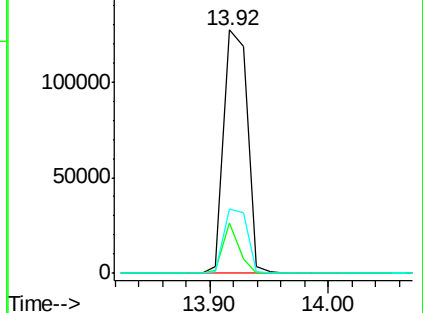
236 26.3 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 80.81 ng

RT: 12.63 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

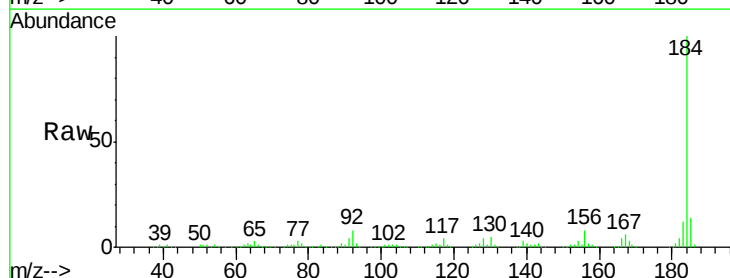
Tgt Ion:184 Resp: 497764

Ion Ratio Lower Upper

184 100

185 14.2 12.4 18.6

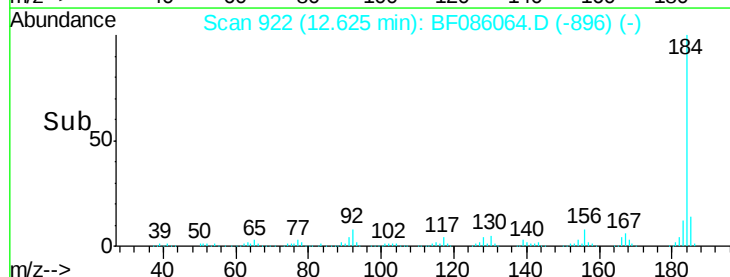
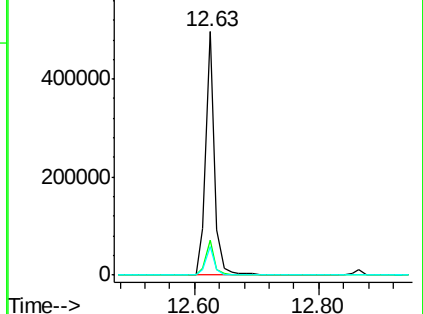
183 11.9 9.4 14.2

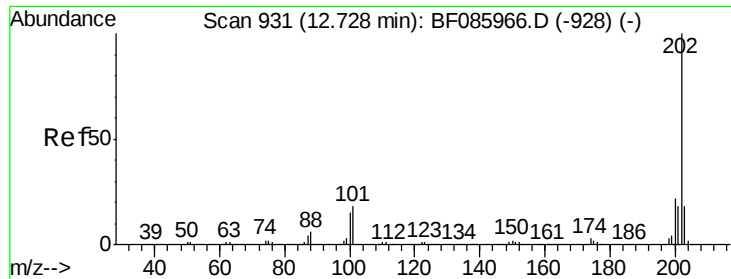


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

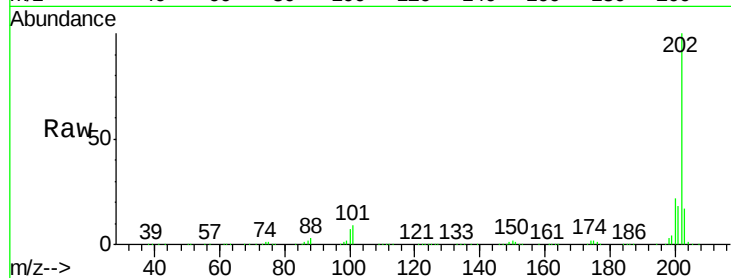




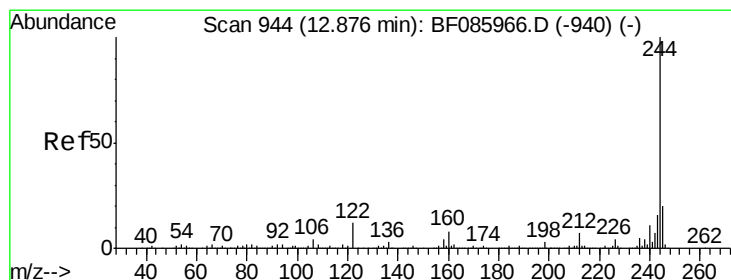
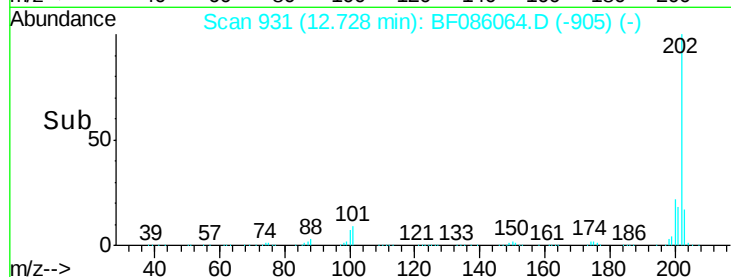
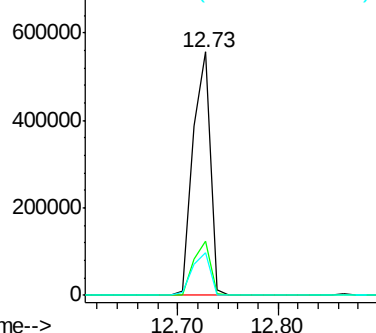
#77
 Pyrene
 Concen: 54.03 ng
 RT: 12.73 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: BF086064.D
 Acq: 5 Apr 2016 5:06

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-29COMP(0.5-15.0)MSD

Tgt Ion: 202 Resp: 664691
 Ion Ratio Lower Upper
 202 100
 200 22.0 17.6 26.4
 203 17.5 14.0 21.0

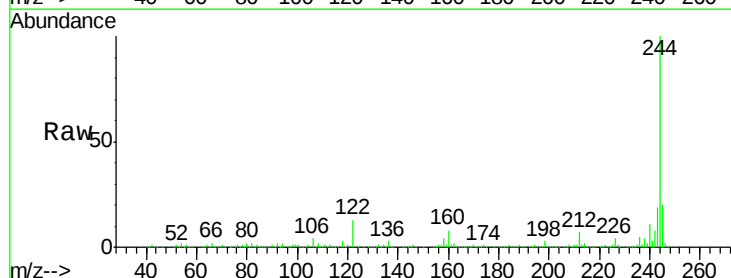


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

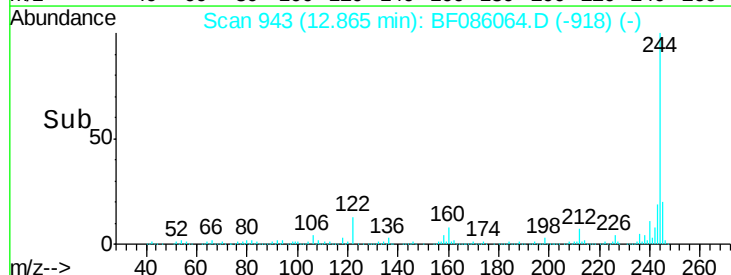
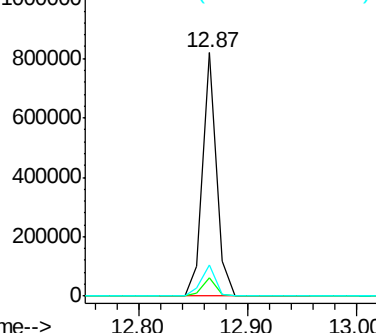


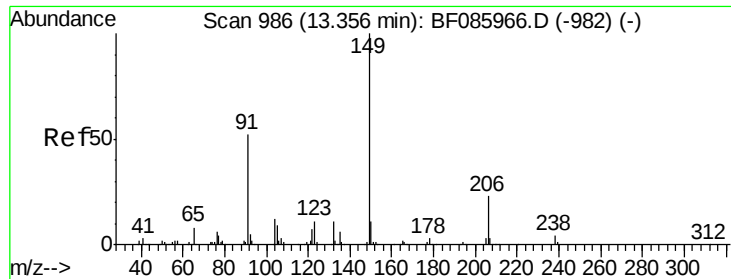
#78
 Terphenyl-d14
 Concen: 96.28 ng
 RT: 12.87 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: BF086064.D
 Acq: 5 Apr 2016 5:06

Tgt Ion: 244 Resp: 715049
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 12.7 10.2 15.4



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





#79

Butylbenzylphthalate

Concen: 57.19 ng

RT: 13.35 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-29COMP(0.5-15.0)MSD

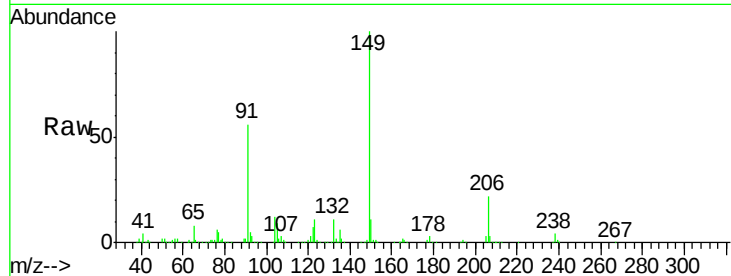
Tgt Ion:149 Resp: 316830

Ion Ratio Lower Upper

149 100

91 56.0 45.8 68.8

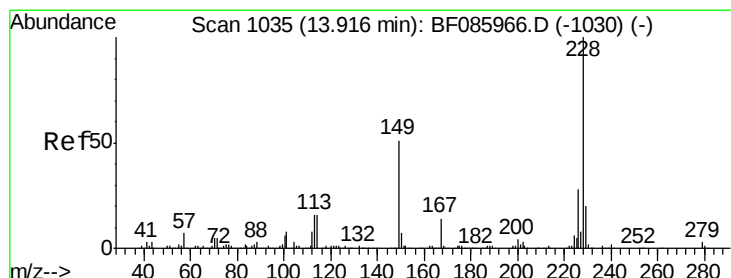
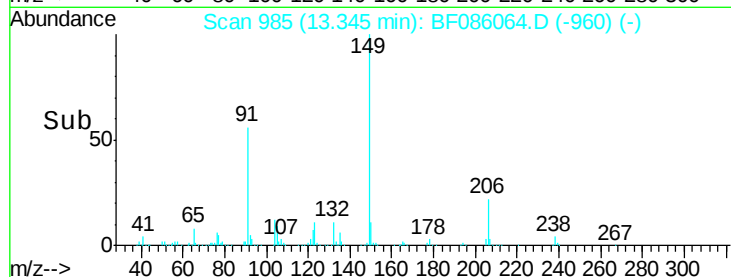
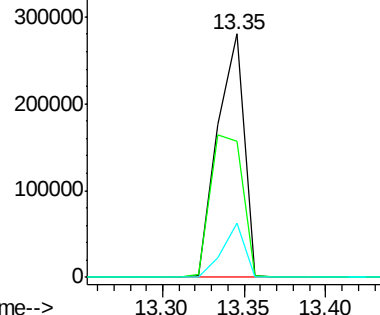
206 22.3 17.8 26.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 49.37 ng

RT: 13.92 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

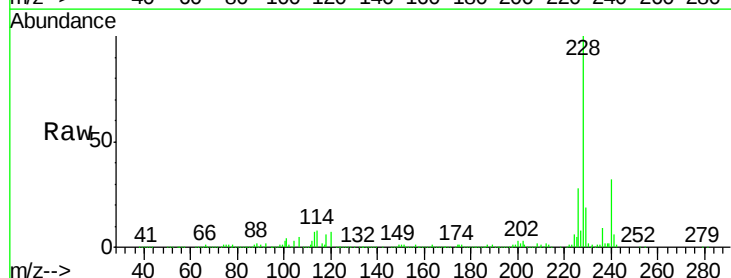
Tgt Ion:228 Resp: 508101

Ion Ratio Lower Upper

228 100

226 27.6 22.1 33.1

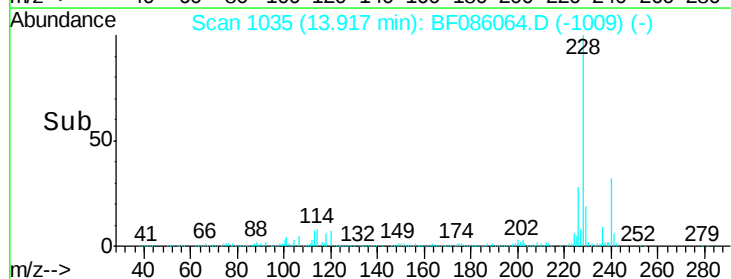
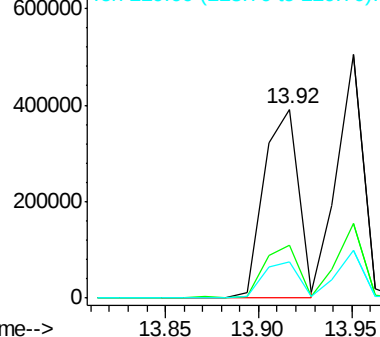
229 19.3 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

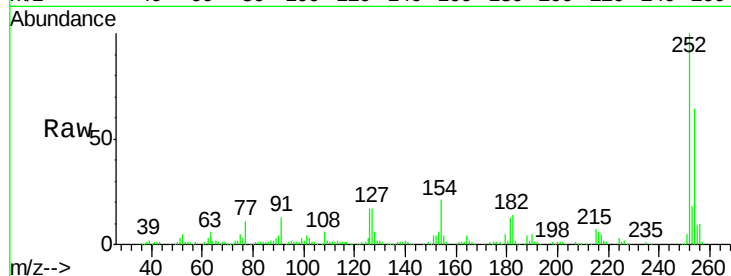




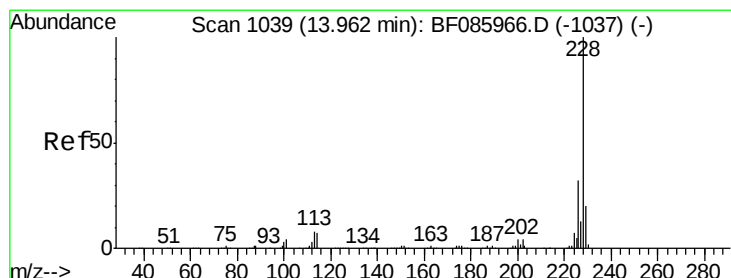
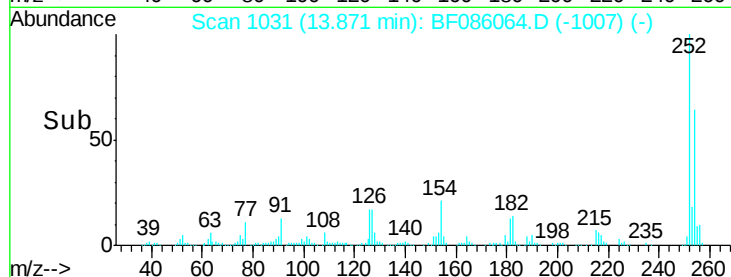
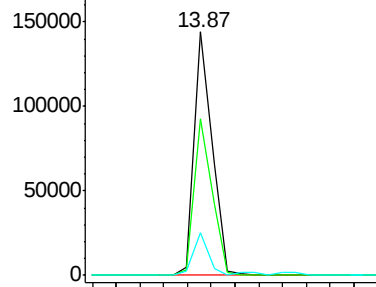
#81
 3,3'-Dichlorobenzidine
 Concen: 20.00 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.02 min
 Lab File: BF086064.D
 Acq: 5 Apr 2016 5:06

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-29COMP(0.5-15.0)MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	50.7	76.1
126	17.3	11.8	17.6

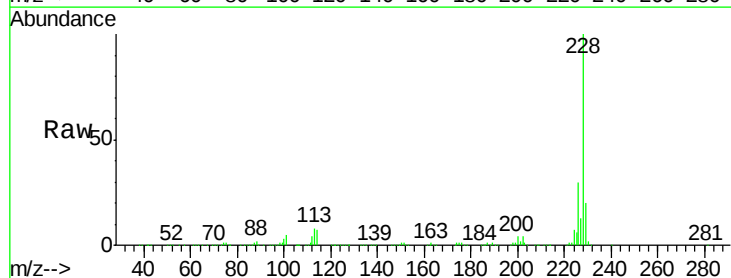


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

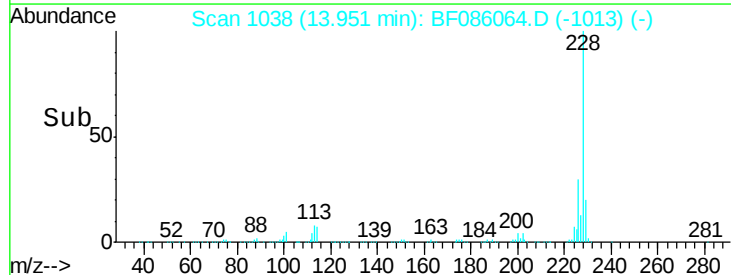
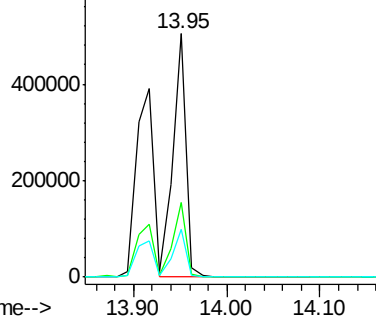


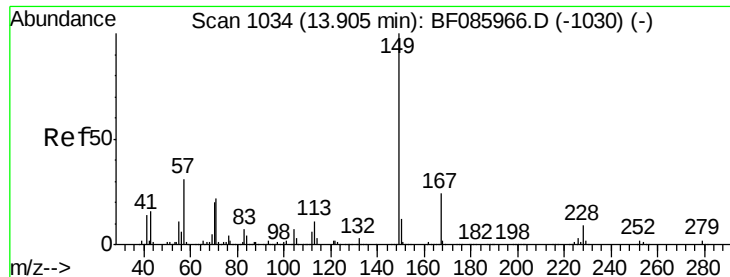
#82
 Chrysene
 Concen: 50.10 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF086064.D
 Acq: 5 Apr 2016 5:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	19.6	15.7	23.5



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

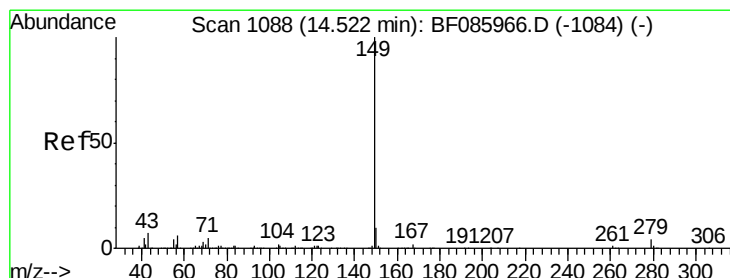
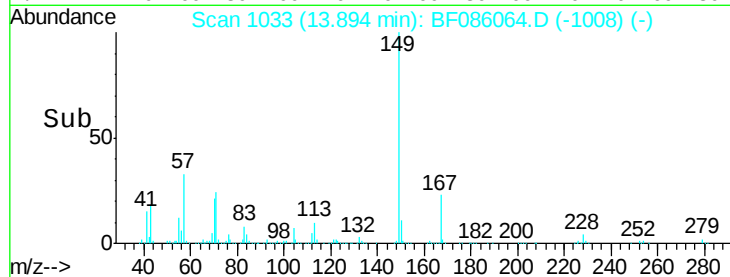
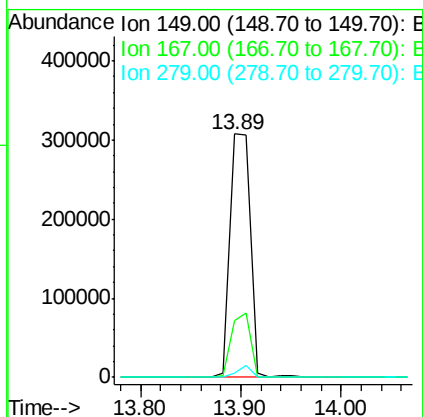
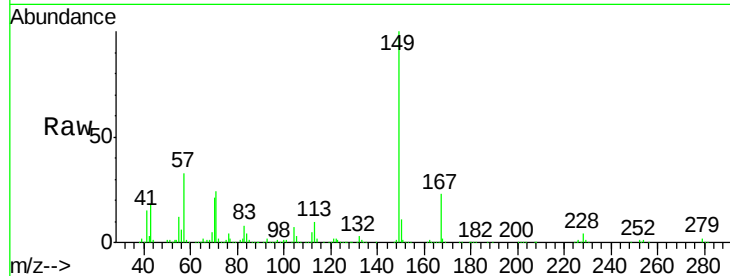




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 58.81 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF086064.D
 Acq: 5 Apr 2016 5:06

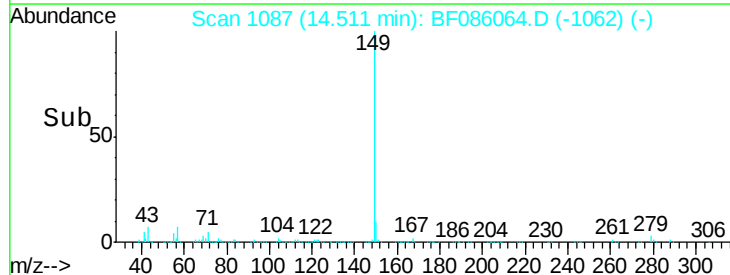
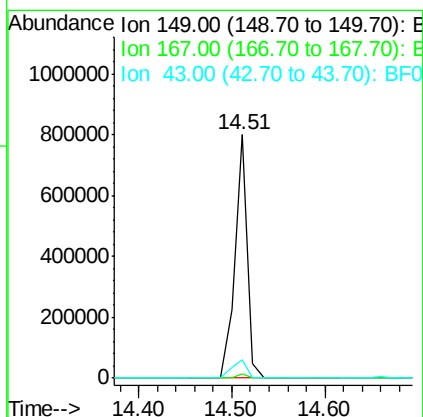
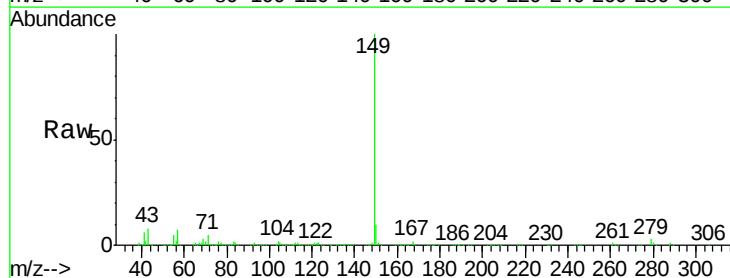
Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-29COMP(0.5-15.0)MSD

Tgt Ion:149 Resp: 432356
 Ion Ratio Lower Upper
 149 100
 167 23.3 19.4 29.2
 279 1.7 1.5 2.3



#84
 Di-n-octyl phthalate
 Concen: 62.80 ng
 RT: 14.51 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BF086064.D
 Acq: 5 Apr 2016 5:06

Tgt Ion:149 Resp: 737368
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 9.2 7.1 10.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 46.27 ng

RT: 16.68 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-29COMP(0.5-15.0)MSD

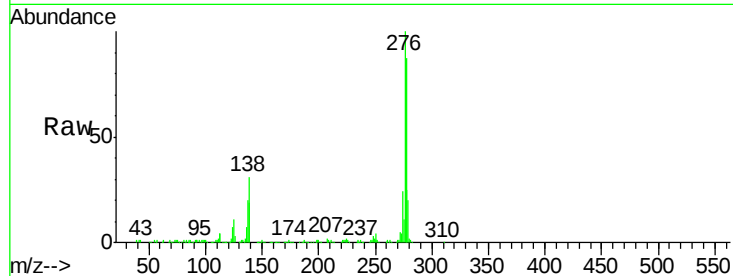
Tgt Ion: 276 Resp: 372163

Ion Ratio Lower Upper

276 100

138 29.9 24.2 36.4

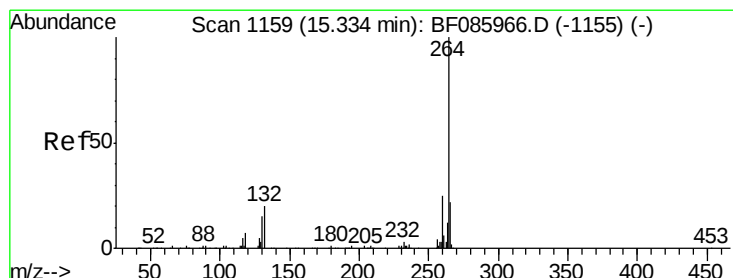
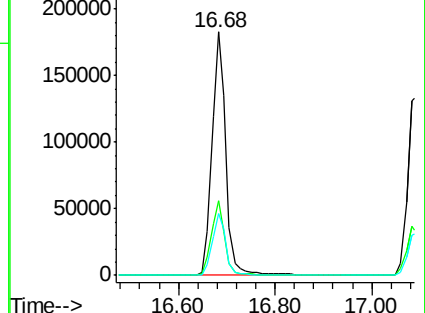
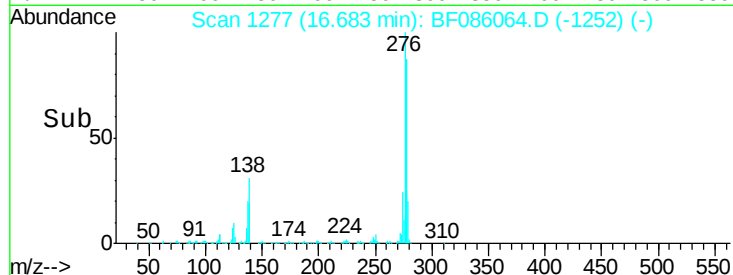
277 24.9 20.0 30.0



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: 15.32 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

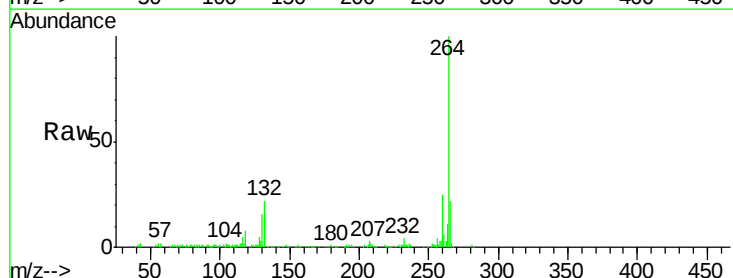
Tgt Ion: 264 Resp: 137172

Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.2

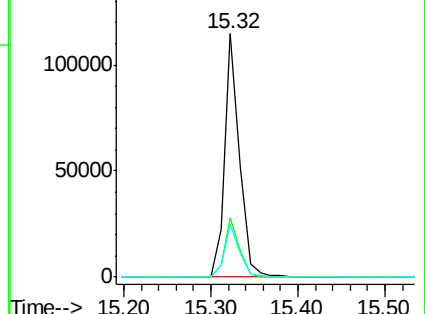
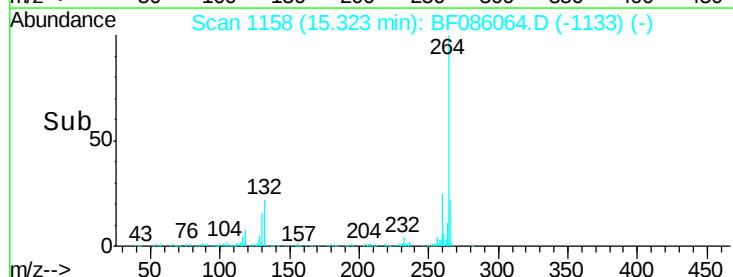
265 22.0 17.2 25.8

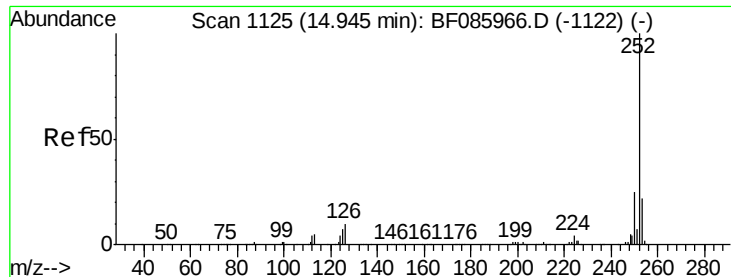


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

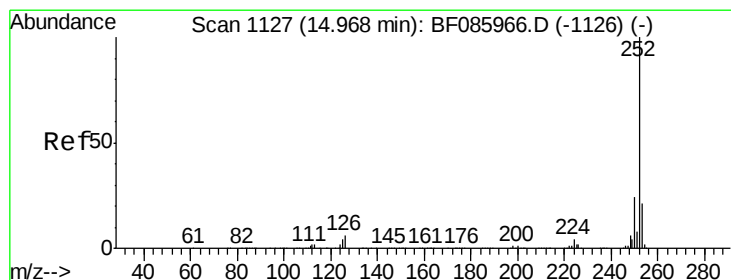
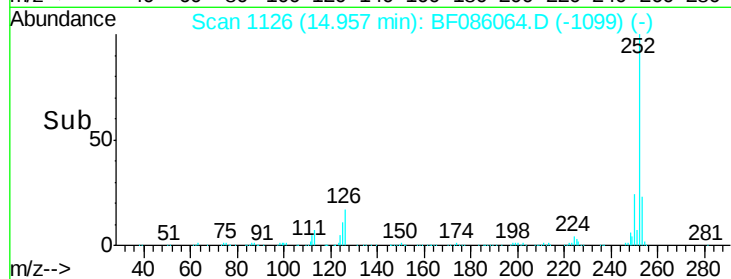
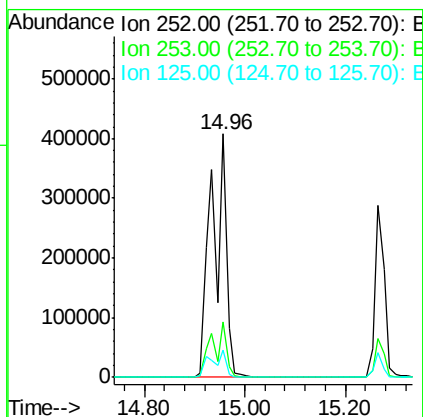
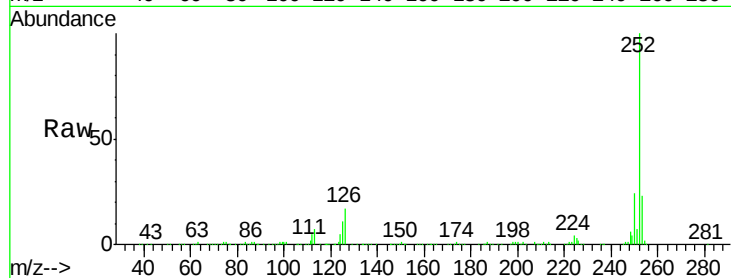




#87
Benzo(b)fluoranthene
Concen: 96.54 ng
RT: 14.96 min Scan# 1126
Delta R.T. 0.01 min
Lab File: BF086064.D
Acq: 5 Apr 2016 5:06

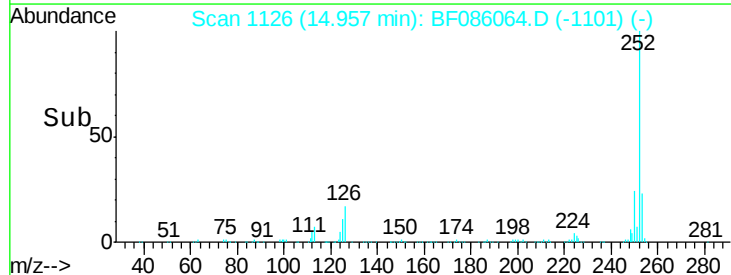
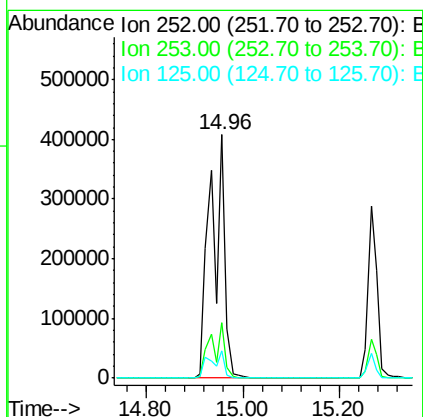
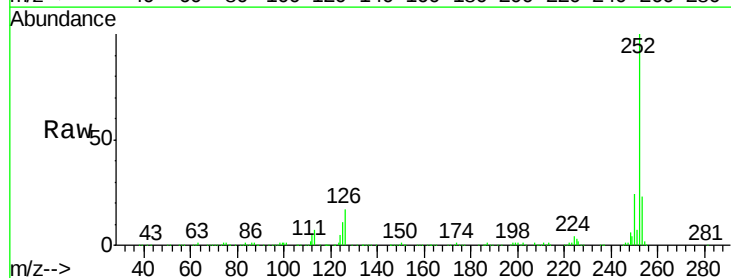
Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-29COMP(0.5-15.0)MSD

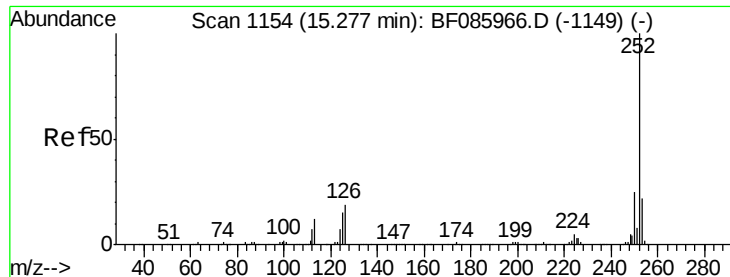
Tgt Ion:252 Resp: 833066
Ion Ratio Lower Upper
252 100
253 22.6 17.6 26.4
125 11.1 10.3 15.5



#88
Benzo(k)fluoranthene
Concen: 109.05 ng
RT: 14.96 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF086064.D
Acq: 5 Apr 2016 5:06

Tgt Ion:252 Resp: 833252
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 11.1 7.7 11.5





#89

Benzo(a)pyrene

Concen: 49.38 ng

RT: 15.27 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-29COMP(0.5-15.0)MSD

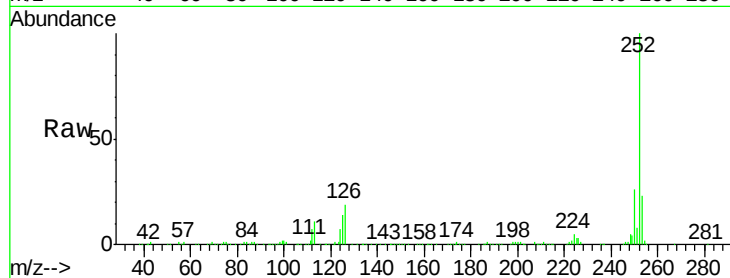
Tgt Ion:252 Resp: 377526

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

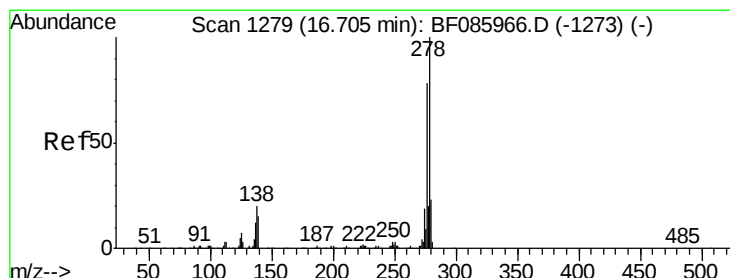
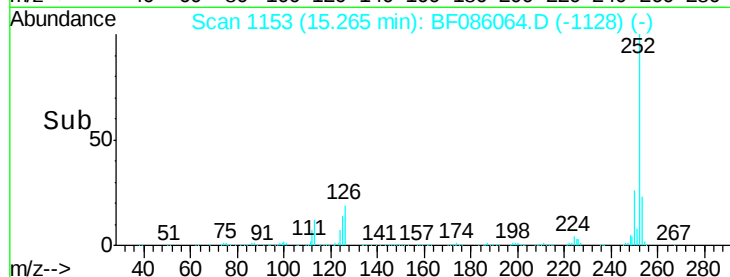
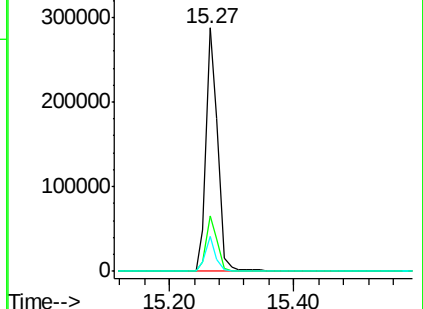
125 14.4 10.3 15.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 52.08 ng

RT: 16.69 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF086064.D

Acq: 5 Apr 2016 5:06

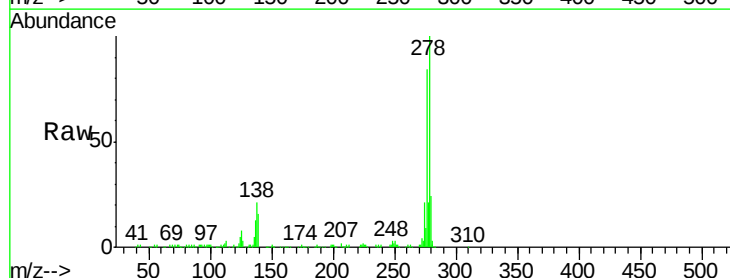
Tgt Ion:278 Resp: 320346

Ion Ratio Lower Upper

278 100

139 15.5 14.4 21.6

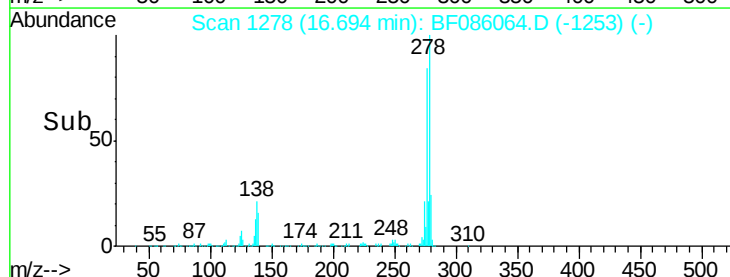
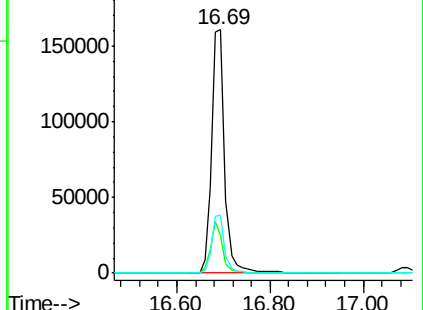
279 23.6 19.1 28.7

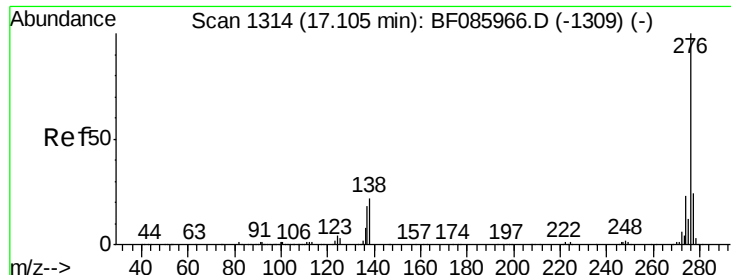


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 50.50 ng

RT: 17.09 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF086064.D

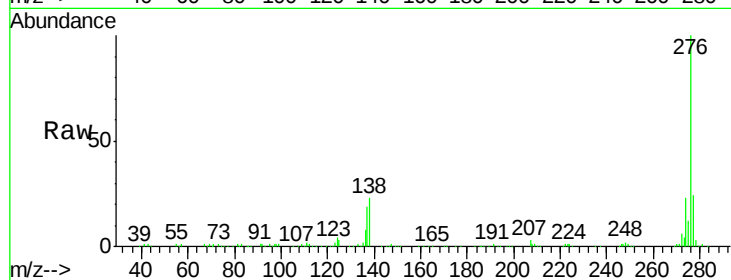
Acq: 5 Apr 2016 5:06

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-29COMP(0.5-15.0)MSD



Tgt Ion:	276	Resp:	300619
Ion Ratio	Lower	Upper	
276	100		
277	23.6	18.8	28.2
138	22.6	22.6	34.0

