

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042016\
 Data File : BF086342.D
 Acq On : 21 Apr 2016 7:11
 Operator : UM/SJ
 Sample : H2617-05MS
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-931WB(N)(19)MS

Quant Time: Apr 21 08:27:24 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 20 15:45:26 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	210366	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	789325	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	285480	20.00	ng	-0.03
63) Phenanthrene-d10	11.39	188	487603	20.00	ng	-0.02
75) Chrysene-d12	14.03	240	334591	20.00	ng	-0.02
86) Perylene-d12	15.46	264	253447	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1650365	136.88	ng	0.01
7) Phenol-d6	6.51	99	1830297	116.00	ng	-0.01
23) Nitrobenzene-d5	7.44	82	1228203	89.11	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	343705	154.47	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	1781227	134.88	ng	-0.03
78) Terphenyl-d14	12.98	244	1396897	99.38	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	257094	39.36	ng	# 84
3) Pyridine	3.36	79	614620	36.75	ng	94
4) n-Nitrosodimethylamine	3.28	42	281778	48.91	ng	# 74
6) Aniline	6.53	93	284432	13.40	ng	# 63
8) 2-Chlorophenol	6.66	128	617142	43.09	ng	87
9) Benzaldehyde	6.42	77	131808	11.79	ng	99
10) Phenol	6.52	94	676562	37.42	ng	92
11) bis(2-Chloroethyl)ether	6.61	93	713045	45.15	ng	95
12) 1,3-Dichlorobenzene	6.81	146	602106	38.32	ng	99
13) 1,4-Dichlorobenzene	6.89	146	653663	38.93	ng	98
14) 1,2-Dichlorobenzene	6.89	146	664248	44.60	ng	97
15) Benzyl Alcohol	7.01	79	454388	46.35	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.15	45	900998	40.54	ng	92
17) 2-Methylphenol	7.13	107	512219	42.79	ng	98
18) Hexachloroethane	7.38	117	109881	21.96	ng	90
19) n-Nitroso-di-n-propylamine	7.29	70	404516	42.32	ng	# 85
20) 3+4-Methylphenols	7.29	107	583133	44.91	ng	# 83
22) Acetophenone	7.28	105	823776	49.68	ng	# 93
24) Nitrobenzene	7.46	77	663188	44.98	ng	93
25) Isophorone	7.70	82	1244902	47.67	ng	95
26) 2-Nitrophenol	7.77	139	215253	32.64	ng	# 87
27) 2,4-Dimethylphenol	7.81	122	556156	43.00	ng	96
28) bis(2-Chloroethoxy)methane	7.90	93	773762	50.67	ng	99
29) 2,4-Dichlorophenol	8.02	162	486796	47.72	ng	93
30) 1,2,4-Trichlorobenzene	8.10	180	498675	45.32	ng	99
31) Naphthalene	8.18	128	1762011	46.83	ng	98
32) Benzoic acid	7.94	122	325834	42.39	ng	91
33) 4-Chloroaniline	8.22	127	180460	11.59	ng	95
34) Hexachlorobutadiene	8.29	225	236087	42.57	ng	97
35) Caprolactam	8.59	113	133570	40.44	ng	# 62
36) 4-Chloro-3-methylphenol	8.72	107	496816	43.32	ng	98
37) 2-Methylnaphthalene	8.86	142	996221	42.88	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	408085	53.70	ng	# 96
40) Hexachlorocyclopentadiene	9.01	237	23614	14.27	ng	98

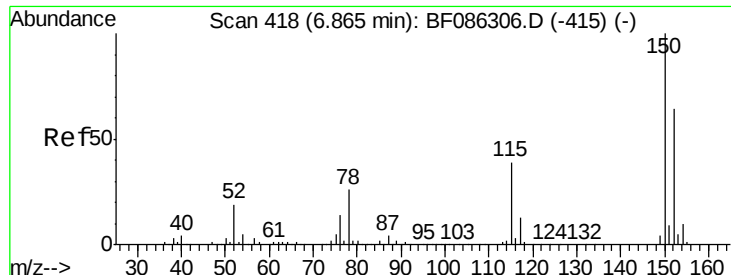
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	273809	51.94	ng	98
43) 2,4,5-Trichlorophenol	9.20	196	289081	50.35	ng	95
45) 1,1'-Biphenyl	9.33	154	1169207	52.15	ng	98
46) 2-Chloronaphthalene	9.36	162	872365	51.35	ng	98
47) 2-Nitroaniline	9.46	65	324721	56.24	ng	# 64
48) Acenaphthylene	9.77	152	1324434	49.92	ng	99
49) Dimethylphthalate	9.63	163	1076264	49.52	ng	99
50) 2,6-Dinitrotoluene	9.70	165	181712	40.63	ng	# 84
51) Acenaphthene	9.94	154	753049	48.38	ng	99
52) 3-Nitroaniline	9.86	138	256147	45.03	ng	99
53) 2,4-Dinitrophenol	9.97	184	3888	10.46	ng	# 1
54) Dibenzofuran	10.11	168	1140386	53.89	ng	92
55) 4-Nitrophenol	10.03	139	283916	80.50	ng	82
56) 2,4-Dinitrotoluene	10.10	165	198756	35.76	ng	# 90
57) Fluorene	10.45	166	768131	48.99	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	220315	57.19	ng	# 88
59) Diethylphthalate	10.33	149	1038283	48.96	ng	97
60) 4-Chlorophenyl-phenylether	10.45	204	376918	51.90	ng	92
61) 4-Nitroaniline	10.48	138	300672	56.47	ng	89
62) Azobenzene	10.61	77	1044293	49.95	ng	90
64) 4,6-Dinitro-2-methylphenol	10.51	198	3464	8.03	ng	# 53
65) n-Nitrosodiphenylamine	10.57	169	747604	46.54	ng	100
66) 4-Bromophenyl-phenylether	10.94	248	223149	42.59	ng	# 92
67) Hexachlorobenzene	11.00	284	231944	44.11	ng	98
68) Atrazine	11.09	200	176649	35.78	ng	98
69) Pentachlorophenol	11.20	266	254574	92.42	ng	96
70) Phenanthrene	11.41	178	1128612	48.84	ng	99
71) Anthracene	11.47	178	1271523	51.38	ng	98
72) Carbazole	11.63	167	1214193	51.85	ng	96
73) Di-n-butylphthalate	11.95	149	1452683	48.18	ng	99
74) Fluoranthene	12.60	202	1202944	56.15	ng	99
76) Benzidine	12.73	184	800529	54.20	ng	95
77) Pyrene	12.83	202	1218904	49.11	ng	99
79) Butylbenzylphthalate	13.45	149	637271	48.64	ng	# 80
80) Benzo(a)anthracene	14.02	228	900392	51.09	ng	100
81) 3,3'-Dichlorobenzidine	13.99	252	321205	26.35	ng	# 97
82) Chrysene	14.05	228	817209	42.90	ng	98
83) Bis(2-ethylhexyl)phthalate	14.01	149	787439	51.32	ng	# 98
84) Di-n-octyl phthalate	14.63	149	1501844	54.31	ng	97
85) Indeno(1,2,3-cd)pyrene	16.87	276	729779	37.25	ng	97
87) Benzo(b)fluoranthene	15.05	252	1454227	99.20	ng	99
88) Benzo(k)fluoranthene	15.05	252	1455086	117.91	ng	# 98
89) Benzo(a)pyrene	15.40	252	677190	50.12	ng	98
90) Dibenzo(a,h)anthracene	16.89	278	619679	52.54	ng	99
91) Benzo(g,h,i)perylene	17.29	276	596121	52.72	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.03 min

Lab File: BF086342.D

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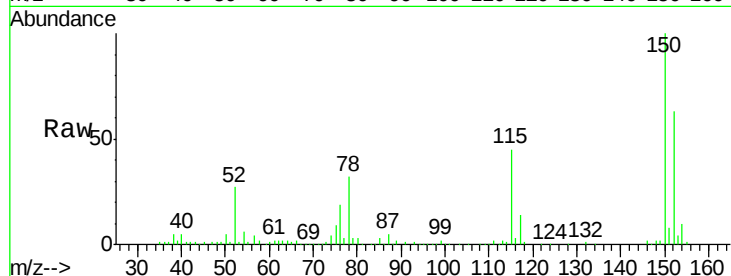
Tgt Ion:152 Resp: 210366

Ion Ratio Lower Upper

152 100

150 158.0 124.1 186.1

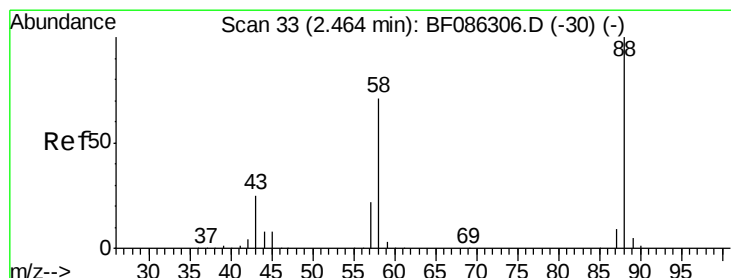
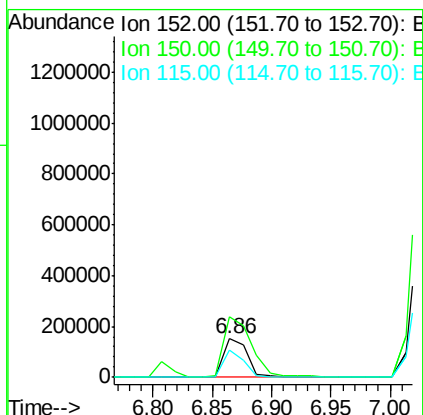
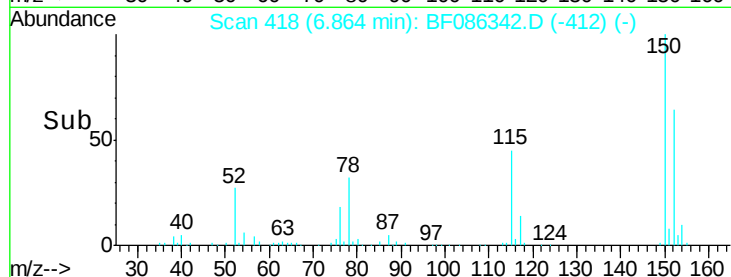
115 70.5 43.9 65.9#



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: 39.36 ng

RT: 2.66 min Scan# 50

Delta R.T. 0.15 min

Lab File: BF086342.D

Acq: 21 Apr 2016 7:11

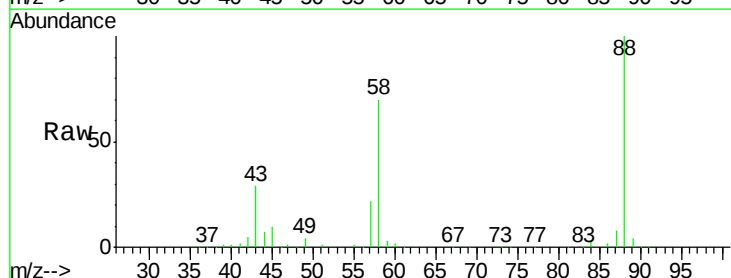
Tgt Ion: 88 Resp: 257094

Ion Ratio Lower Upper

88 100

58 72.8 58.4 87.6

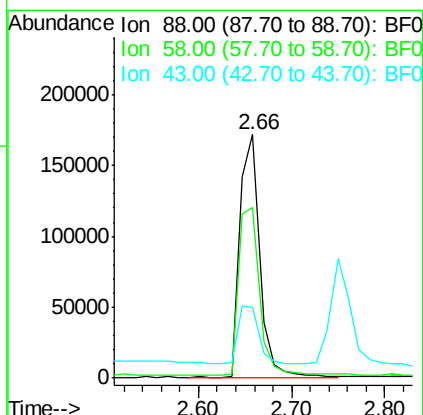
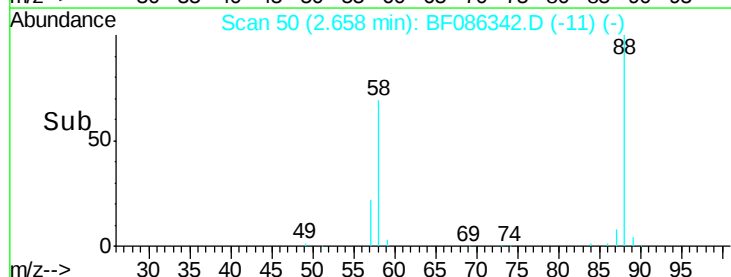
43 0.0 23.3 34.9#

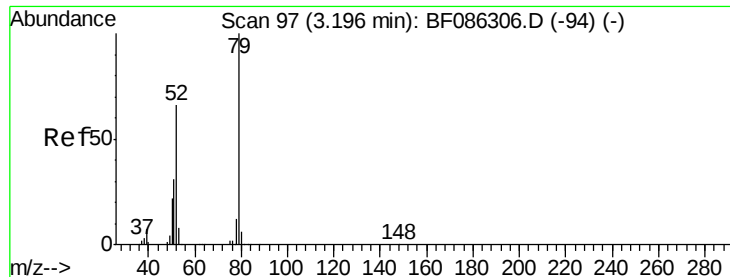


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

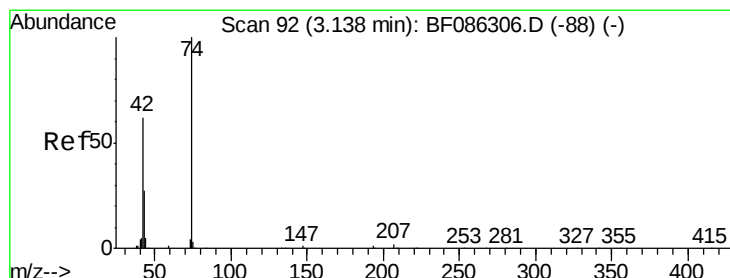
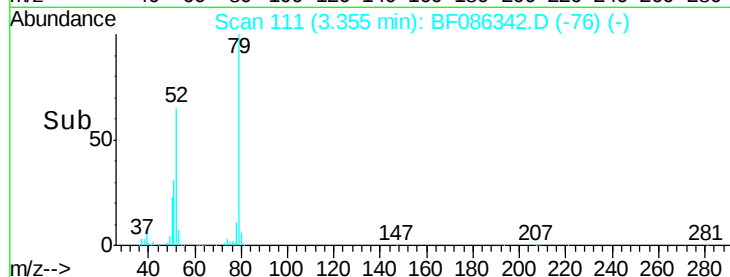
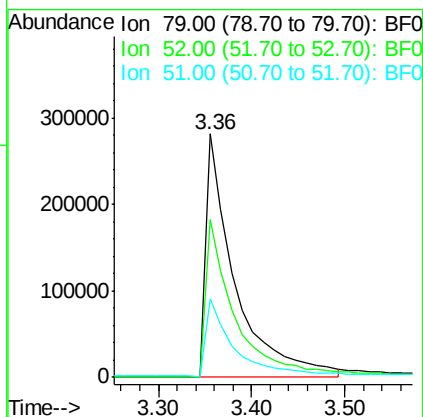
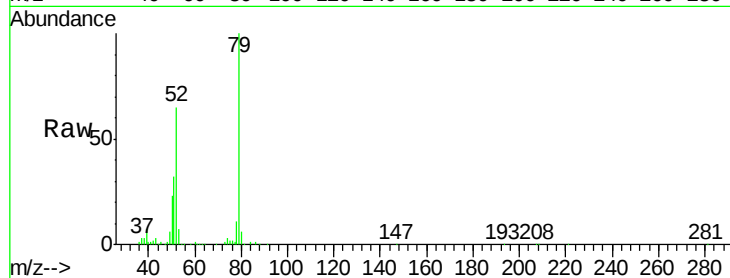




#3
 Pyridine
 Concen: 36.75 ng
 RT: 3.36 min Scan# 111
 Delta R.T. 0.10 min
 Lab File: BF086342.D
 Acq: 21 Apr 2016 7:11

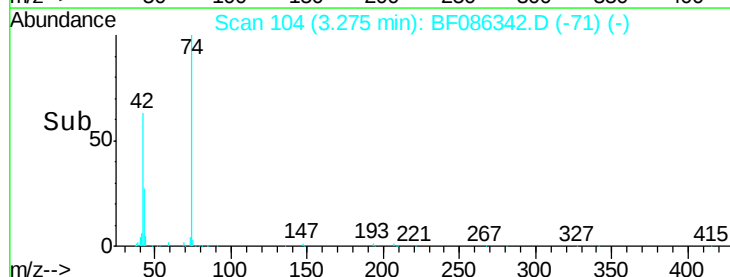
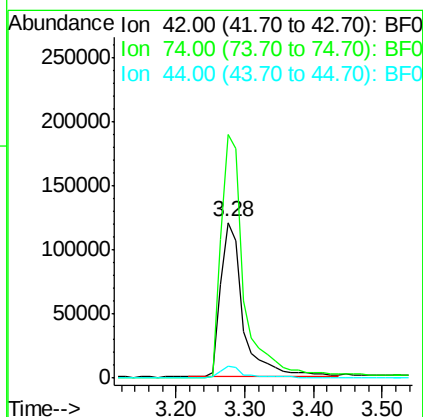
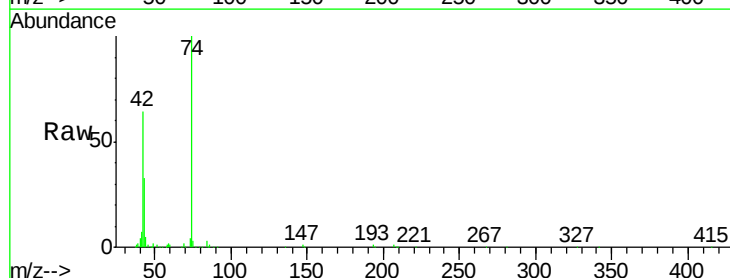
Instrument :
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 B-931WB(N)(19)MS

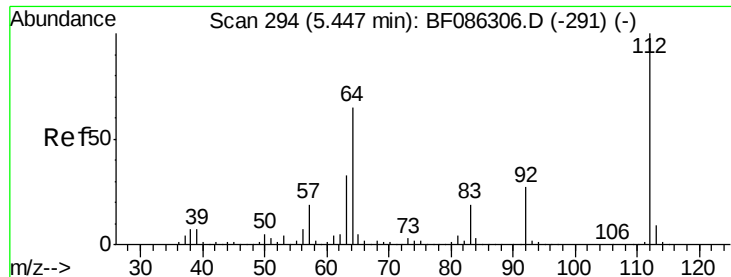
Tgt Ion: 79 Resp: 614620
 Ion Ratio Lower Upper
 79 100
 52 64.7 55.4 83.2
 51 32.0 28.1 42.1



#4
 n-Nitrosodimethylamine
 Concen: 48.91 ng
 RT: 3.28 min Scan# 104
 Delta R.T. 0.08 min
 Lab File: BF086342.D
 Acq: 21 Apr 2016 7:11

Tgt Ion: 42 Resp: 281778
 Ion Ratio Lower Upper
 42 100
 74 156.7 100.5 150.7#
 44 7.8 5.4 8.0





#5

2-Fluorophenol

Concen: 136.88 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.01 min

Lab File: BF086342.D

Acq: 21 Apr 2016 7:11

Instrument :

BNA_F

ClientSampleId :

B-931WB(N)(19)MS

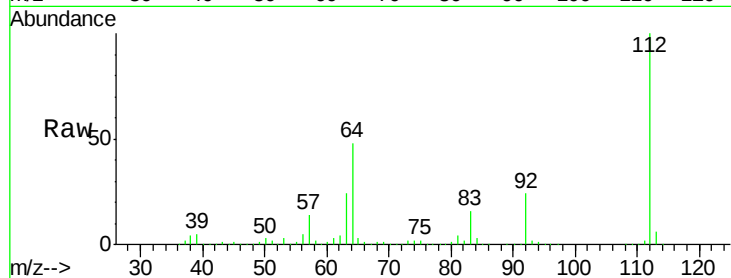
Tgt Ion: 112 Resp: 1650365

Ion Ratio Lower Upper

112 100

64 47.8 48.1 72.1#

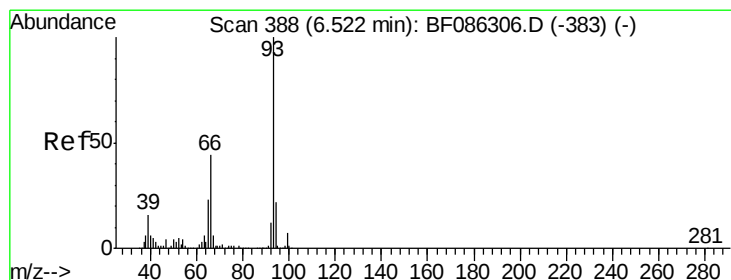
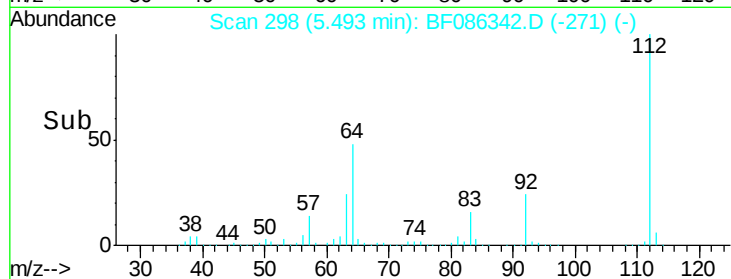
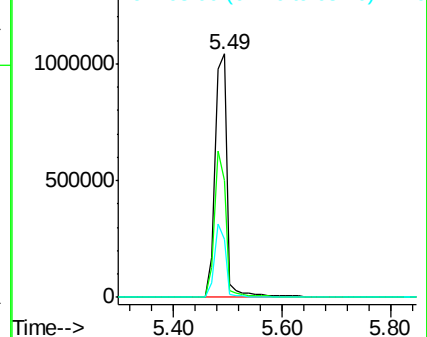
63 24.1 25.5 38.3#



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: 13.40 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.02 min

Lab File: BF086342.D

Acq: 21 Apr 2016 7:11

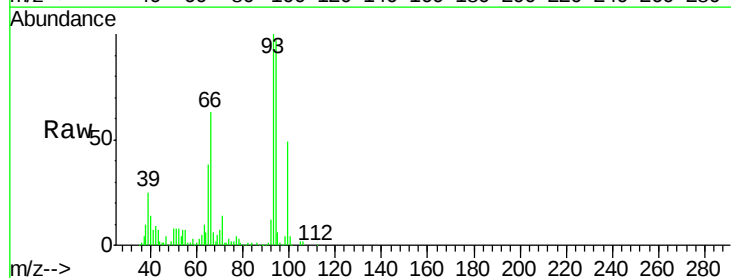
Tgt Ion: 93 Resp: 284432

Ion Ratio Lower Upper

93 100

66 63.0 32.2 48.2#

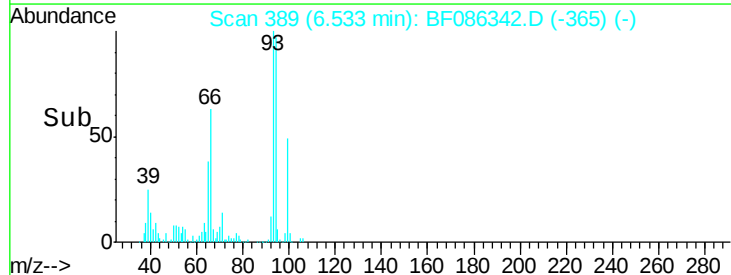
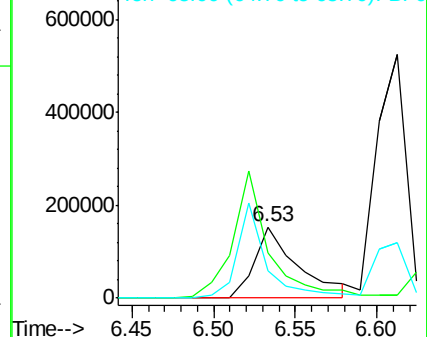
65 38.0 16.4 24.6#

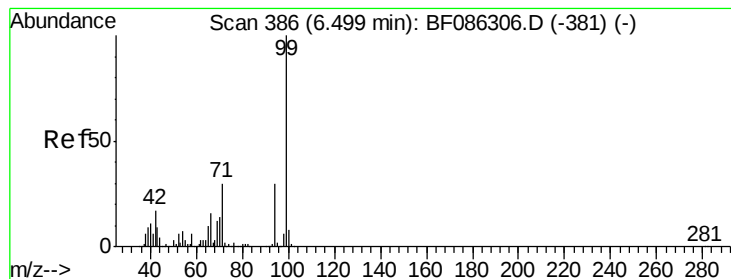


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 116.00 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF086342.D

Acq: 21 Apr 2016 7:11

Instrument :

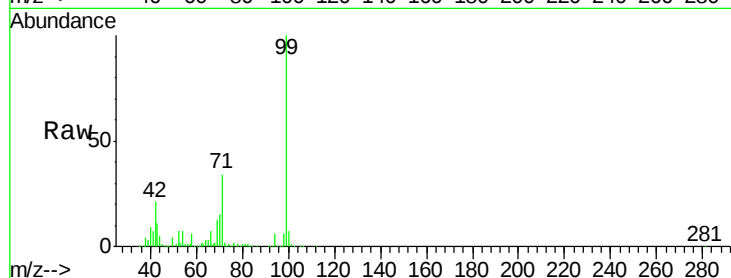
BNA_F

ClientSampleId :

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Tgt Ion: 99 Resp: 1830297

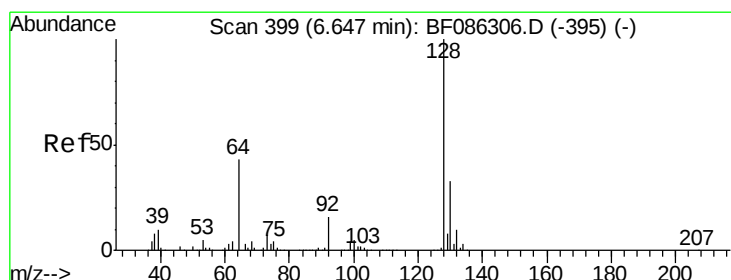
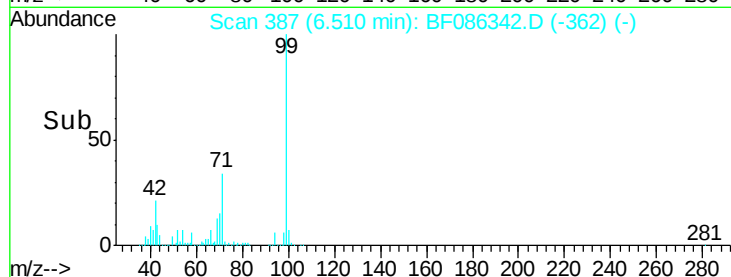
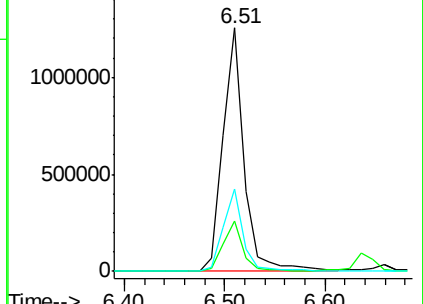
Ion	Ratio	Lower	Upper
99	100		
42	20.9	15.4	23.2
71	33.9	25.6	38.4



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 43.09 ng

RT: 6.66 min Scan# 400

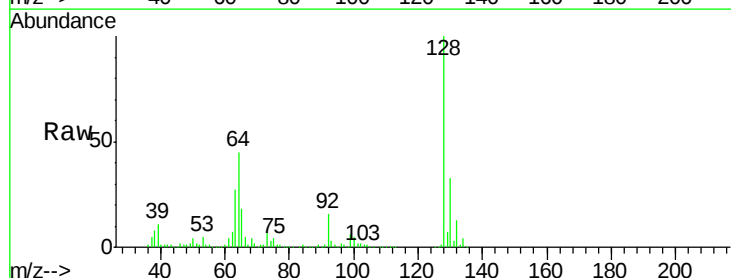
Delta R.T. -0.01 min

Lab File: BF086342.D

Acq: 21 Apr 2016 7:11

Tgt Ion: 128 Resp: 617142

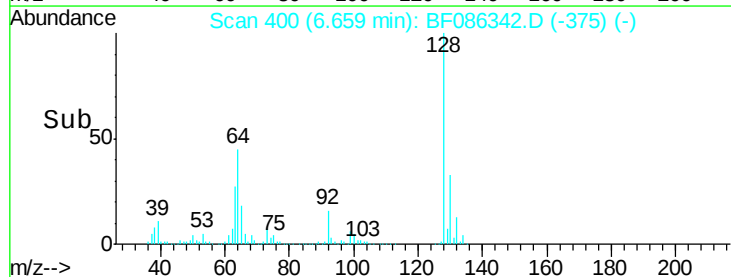
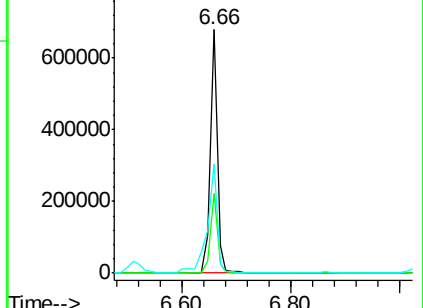
Ion	Ratio	Lower	Upper
128	100		
130	32.8	11.8	51.8
64	44.9	39.5	79.5

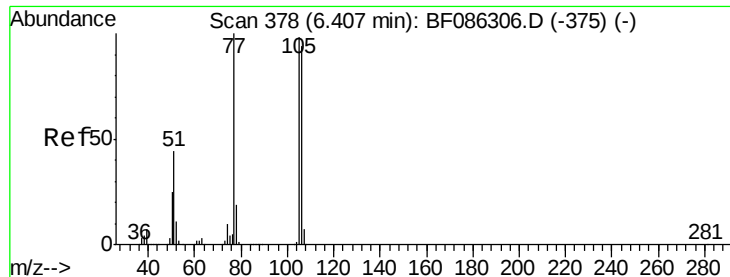


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 11.79 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF086342.D

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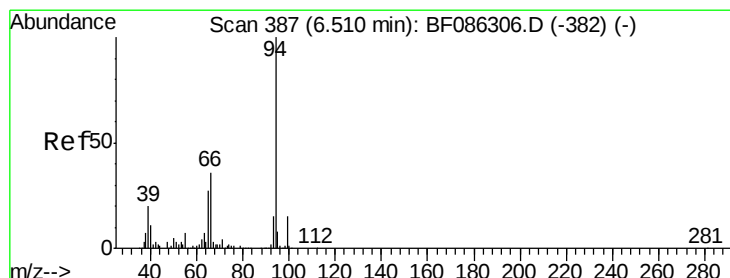
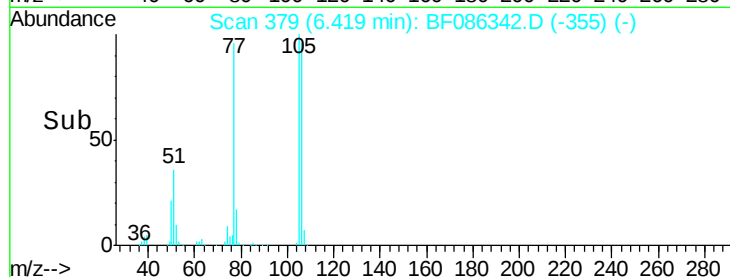
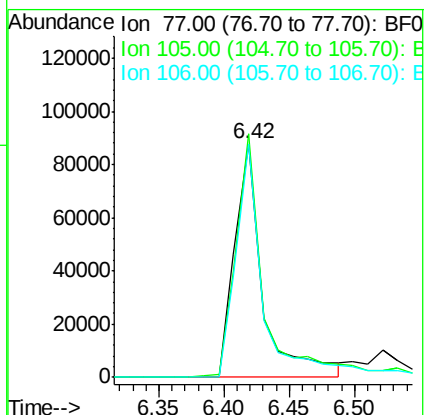
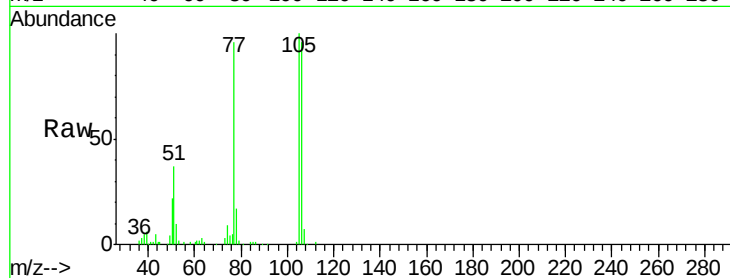
Tgt Ion: 77 Resp: 131808

Ion Ratio Lower Upper

77 100

105 104.2 84.6 124.6

106 100.0 78.6 118.6



#10

Phenol

Concen: 37.42 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF086342.D

Acq: 21 Apr 2016 7:11

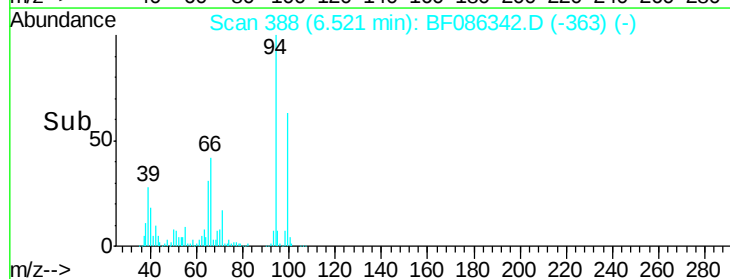
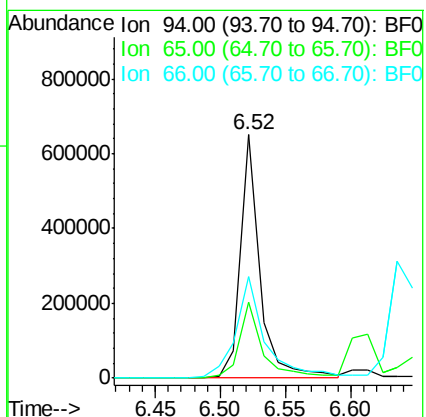
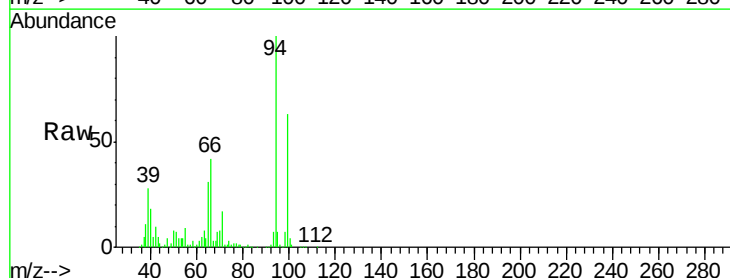
Tgt Ion: 94 Resp: 676562

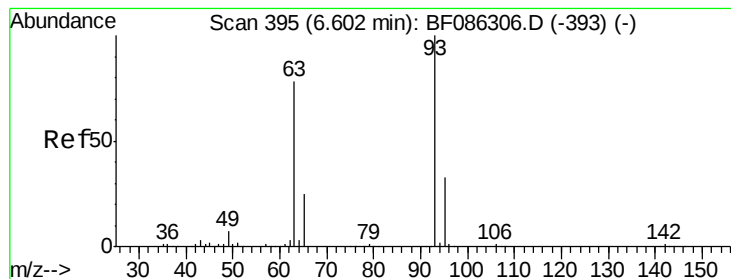
Ion Ratio Lower Upper

94 100

65 31.3 7.9 47.9

66 41.9 16.5 56.5





#11

bis(2-Chloroethyl)ether

Concen: 45.15 ng

RT: 6.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF086342.D

Acq: 21 Apr 2016 7:11

Instrument :

BNA_F

ClientSampleId :

B-931WB(N)(19)MS

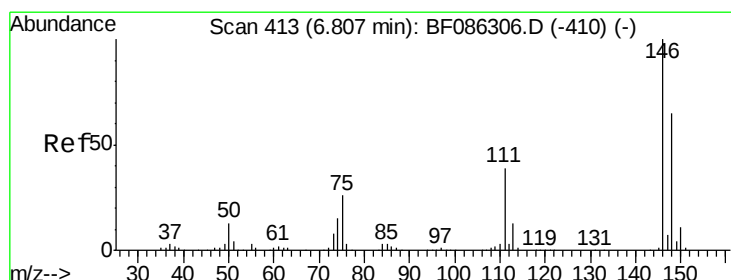
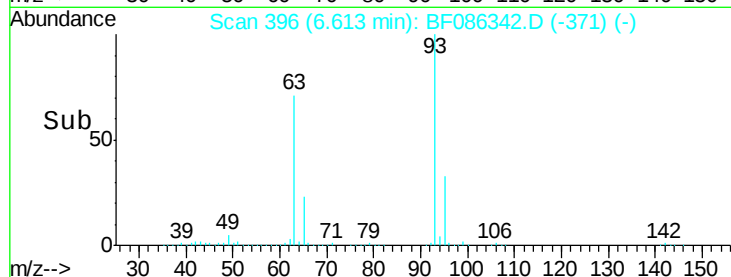
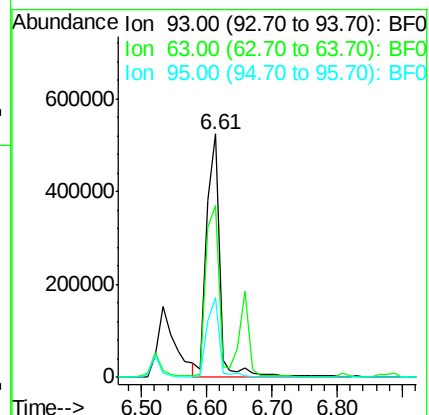
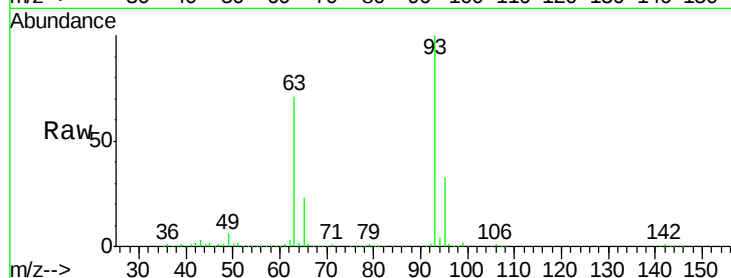
Tgt Ion: 93 Resp: 713045

Ion Ratio Lower Upper

93 100

63 70.5 44.4 84.4

95 33.0 13.1 53.1



#12

1,3-Dichlorobenzene

Concen: 38.32 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF086342.D

Acq: 21 Apr 2016 7:11

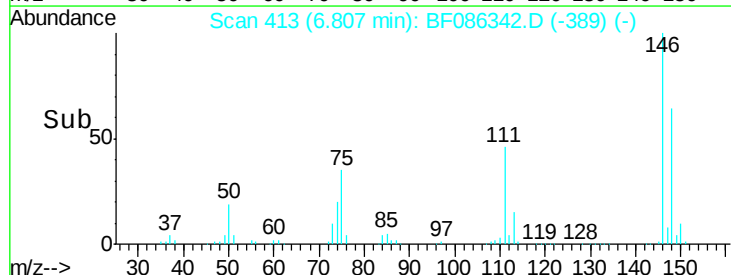
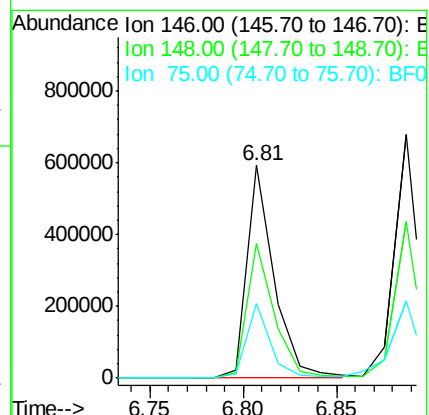
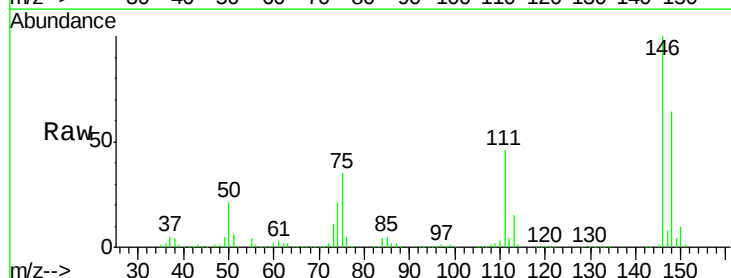
Tgt Ion: 146 Resp: 602106

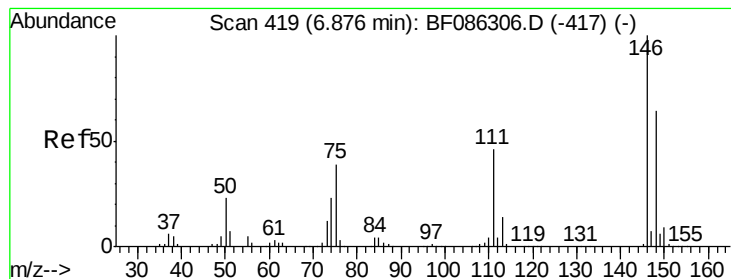
Ion Ratio Lower Upper

146 100

148 63.6 51.0 76.4

75 35.4 29.9 44.9





#13

1,4-Dichlorobenzene

Concen: 38.93 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.02 min

Lab File: BF086342.D

Acq: 21 Apr 2016 7:11

Instrument :

BNA_F

ClientSampleId :

B-931WB(N)(19)MS

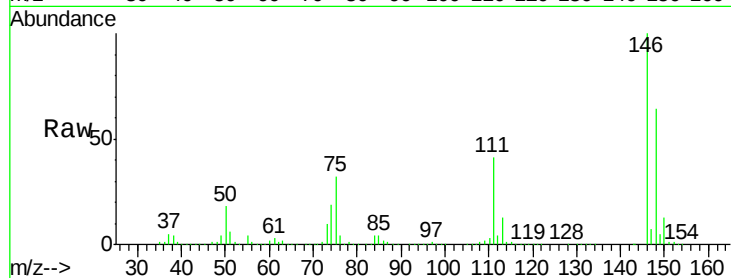
Tgt Ion:146 Resp: 653663

Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.6

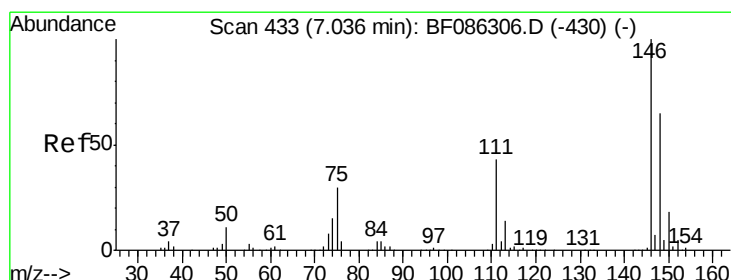
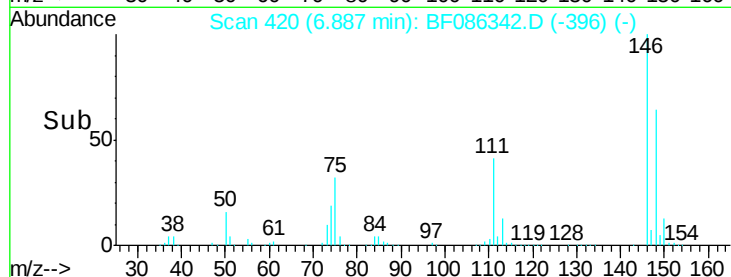
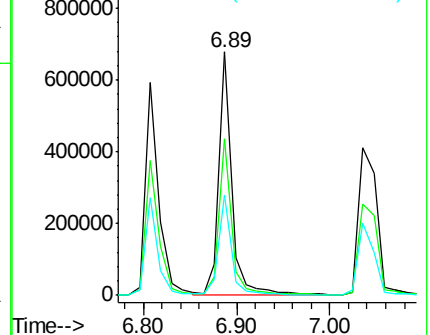
111 41.4 34.9 52.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 44.60 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.18 min

Lab File: BF086342.D

Acq: 21 Apr 2016 7:11

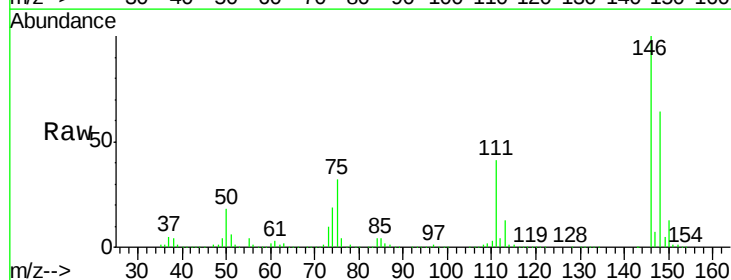
Tgt Ion:146 Resp: 664248

Ion Ratio Lower Upper

146 100

148 64.1 52.2 78.2

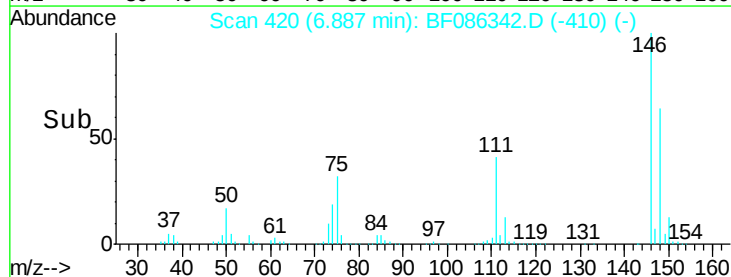
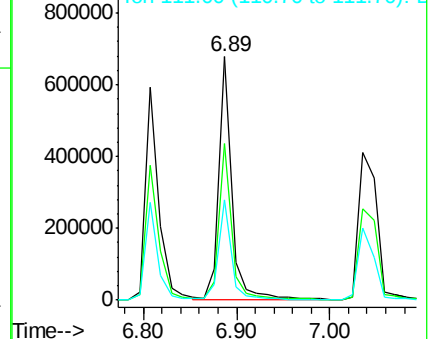
111 41.4 31.0 46.4

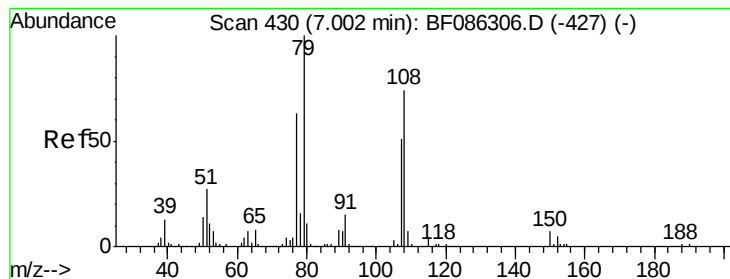


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.35 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.02 min

Lab File: BF086342.D

Acq: 21 Apr 2016 7:11

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)MS

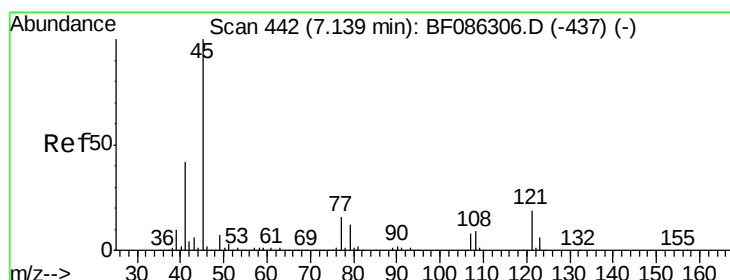
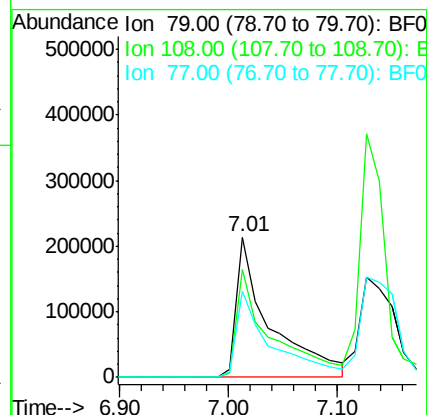
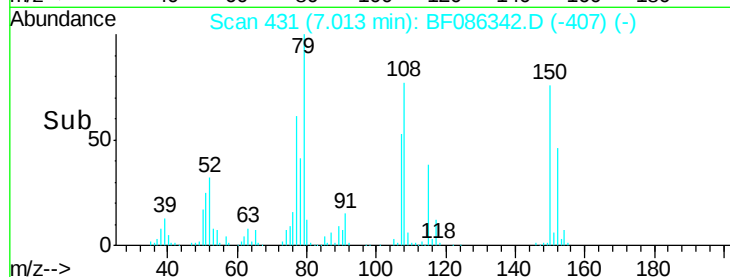
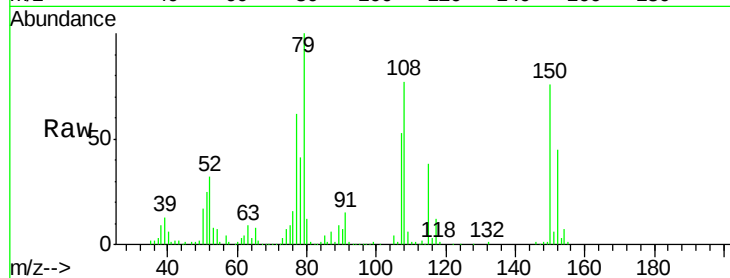
Tgt Ion: 79 Resp: 454388

Ion Ratio Lower Upper

79 100

108 77.2 64.8 97.2

77 61.6 51.9 77.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.54 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.02 min

Lab File: BF086342.D

Acq: 21 Apr 2016 7:11

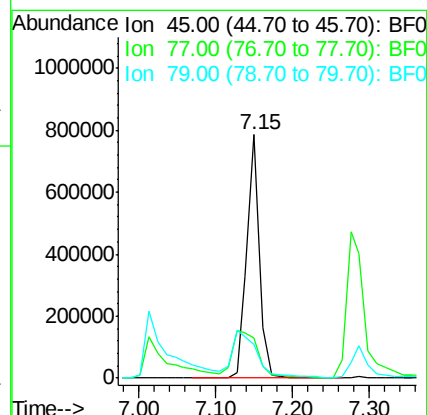
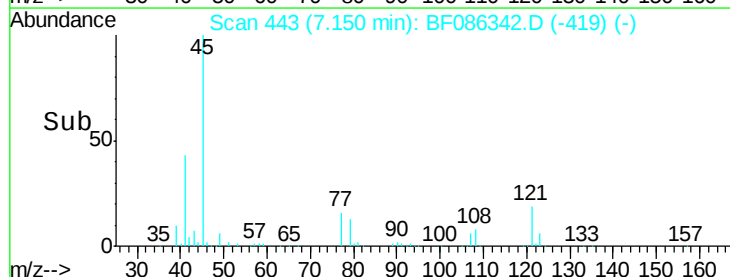
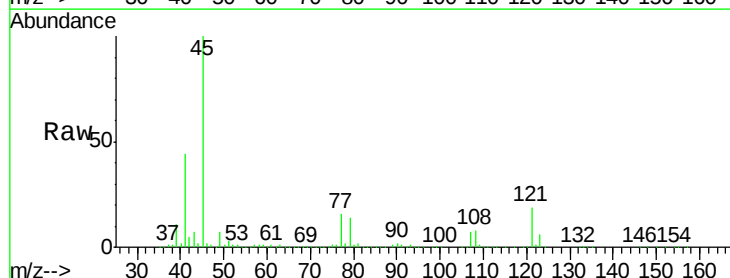
Tgt Ion: 45 Resp: 900998

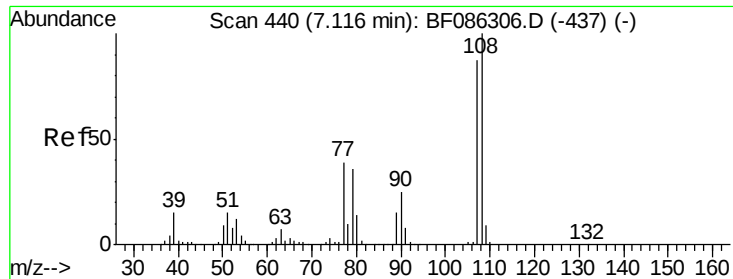
Ion Ratio Lower Upper

45 100

77 16.3 0.0 33.7

79 13.7 0.0 30.1

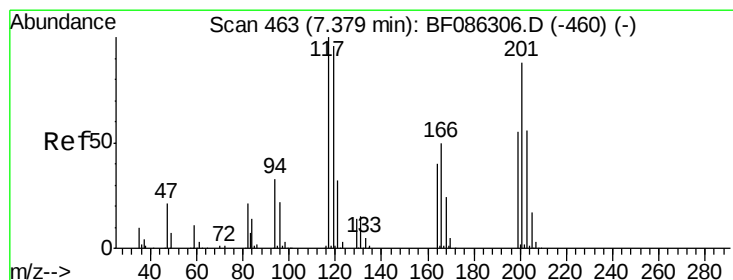
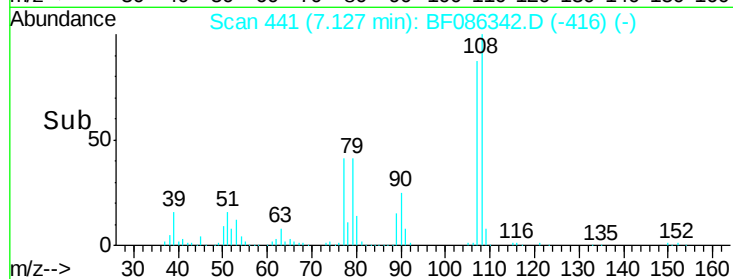
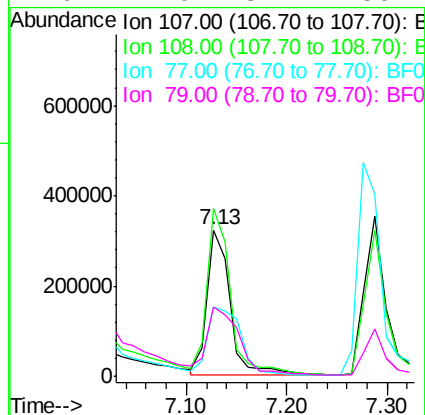
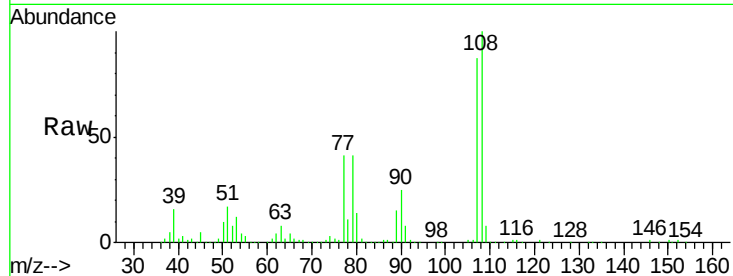




#17
2-Methylphenol
Concen: 42.79 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF086342.D
Acq: 21 Apr 2016 7:11

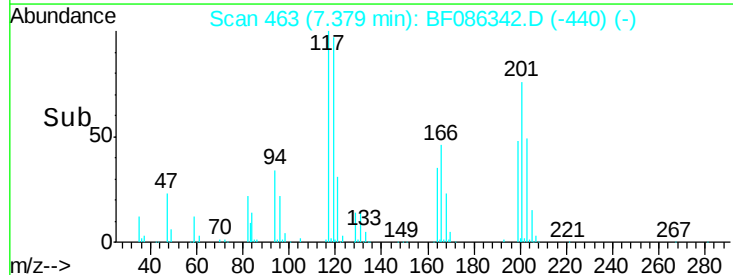
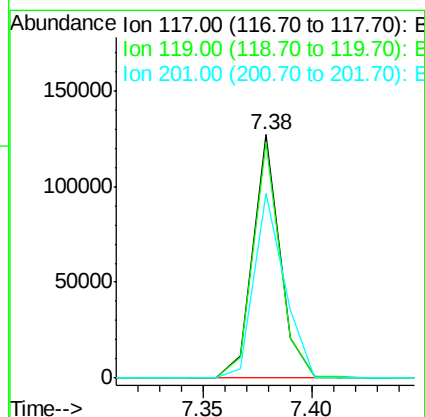
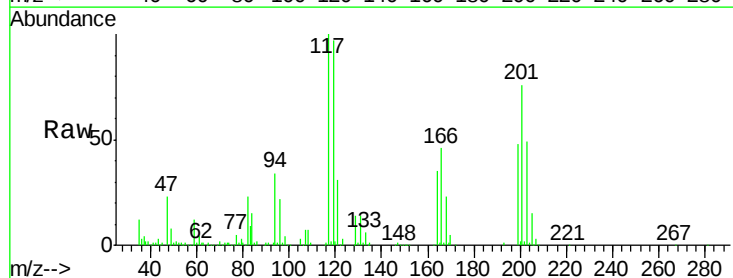
Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)MS

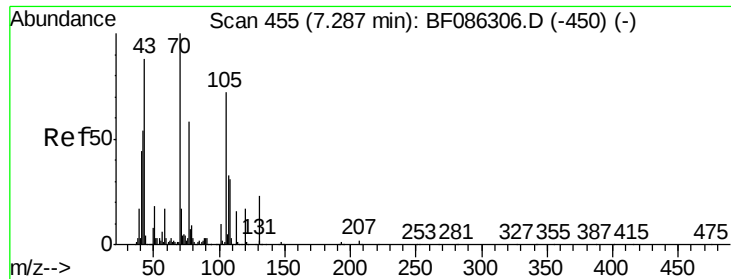
Tgt Ion:107 Resp: 512219
Ion Ratio Lower Upper
107 100
108 114.4 92.7 139.1
77 47.0 39.6 59.4
79 47.0 37.4 56.2



#18
Hexachloroethane
Concen: 21.96 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.03 min
Lab File: BF086342.D
Acq: 21 Apr 2016 7:11

Tgt Ion:117 Resp: 109881
Ion Ratio Lower Upper
117 100
119 96.8 78.2 117.4
201 75.8 75.7 113.5

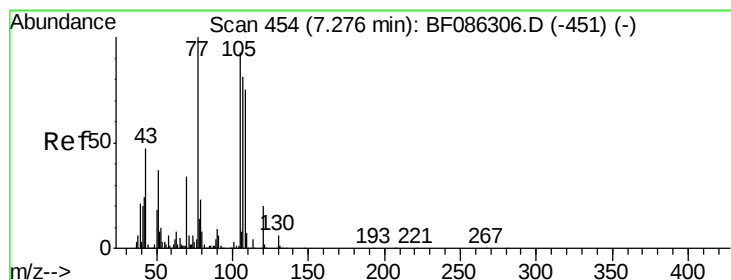
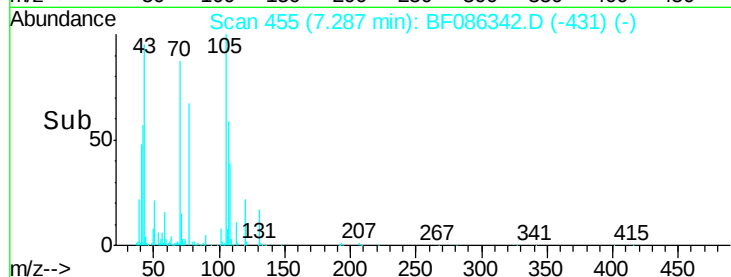
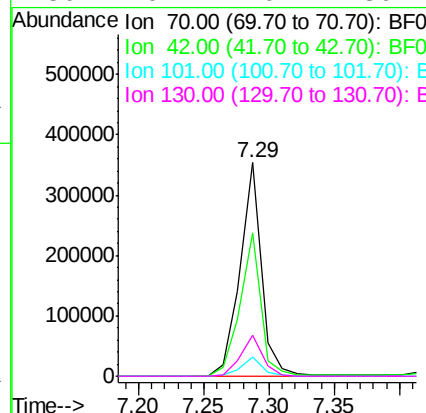
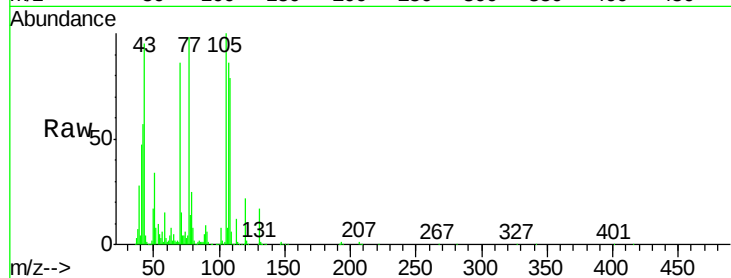




#19
n-Nitroso-di-n-propylamine
Concen: 42.32 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF086342.D
Acq: 21 Apr 2016 7:11

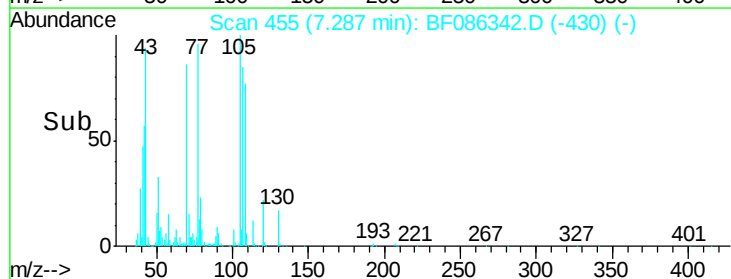
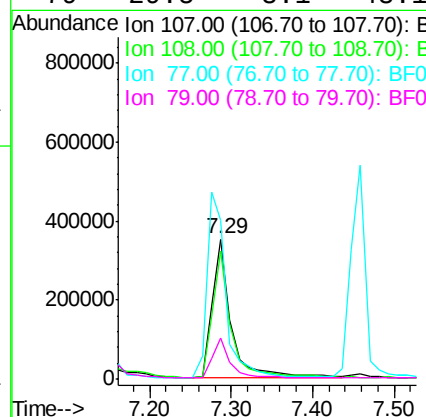
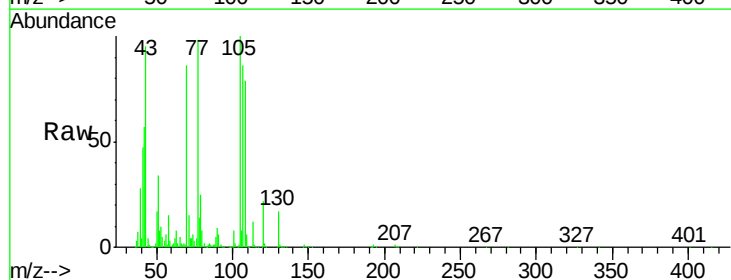
Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)MS

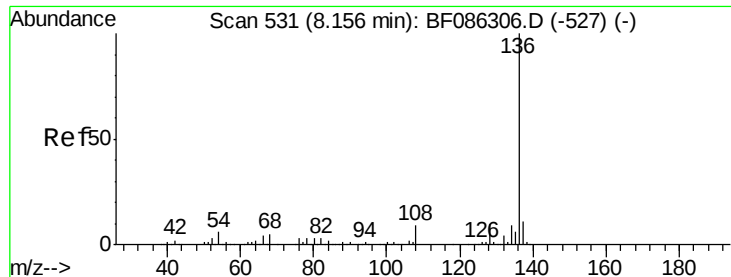
Tgt Ion	Ratio	Lower	Upper
70	100		
42	66.9	43.0	64.4#
101	9.3	8.1	12.1
130	19.4	20.1	30.1#



#20
3+4-Methylphenols
Concen: 44.91 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF086342.D
Acq: 21 Apr 2016 7:11

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.7	69.7	109.7
77	113.8	60.5	100.5#
79	29.5	8.1	48.1

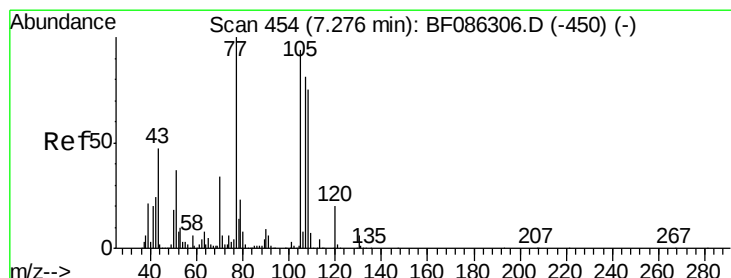
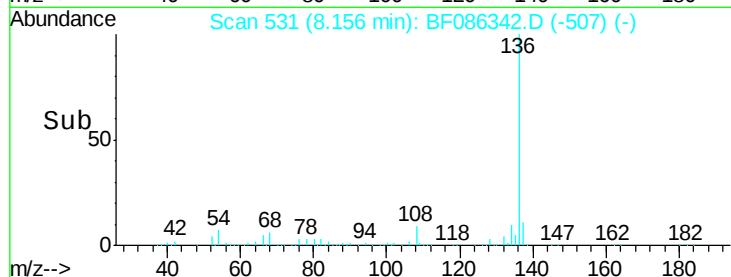
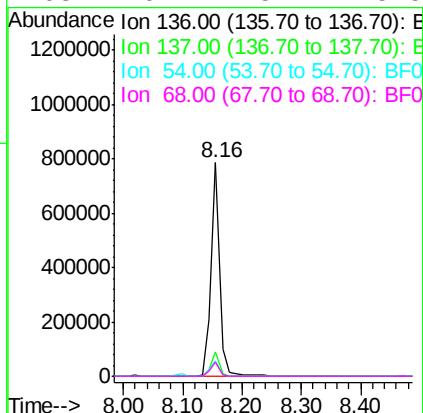
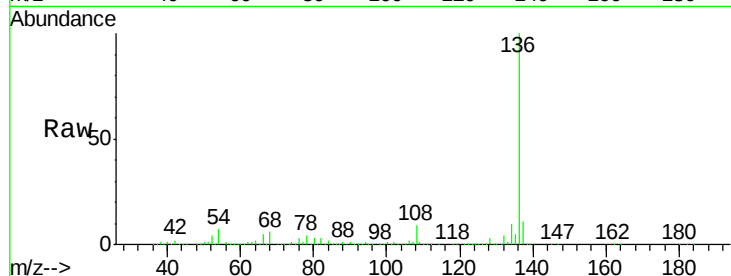




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF086342.D
Acq: 21 Apr 2016 7:11

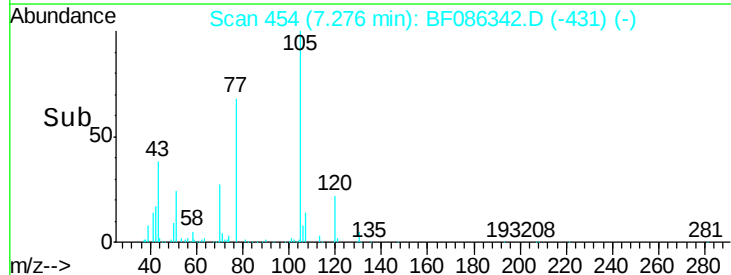
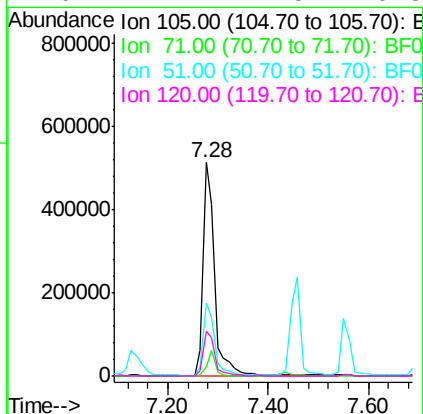
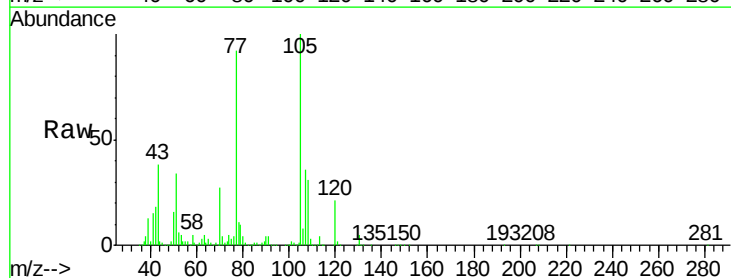
Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)MS

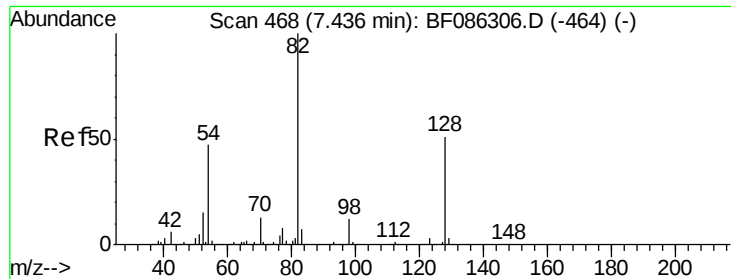
Tgt Ion:	136	Resp:	789325
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	7.3	7.3	10.9
68	6.4	5.7	8.5



#22
Acetophenone
Concen: 49.68 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.03 min
Lab File: BF086342.D
Acq: 21 Apr 2016 7:11

Tgt Ion:	105	Resp:	823776
Ion	Ratio	Lower	Upper
105	100		
71	4.5	4.0	6.0
51	34.4	22.0	33.0#
120	21.2	17.5	26.3

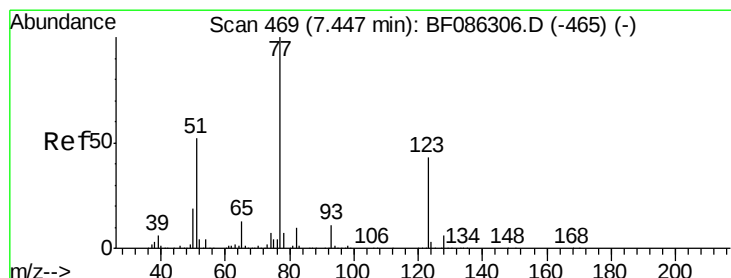
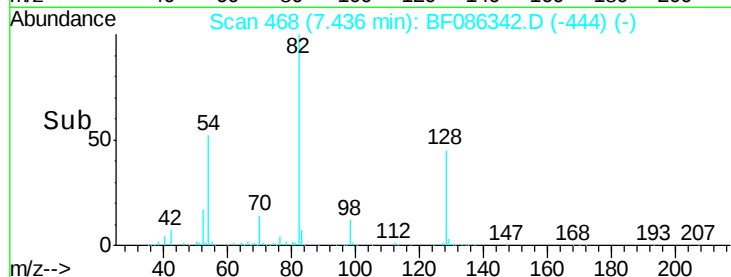
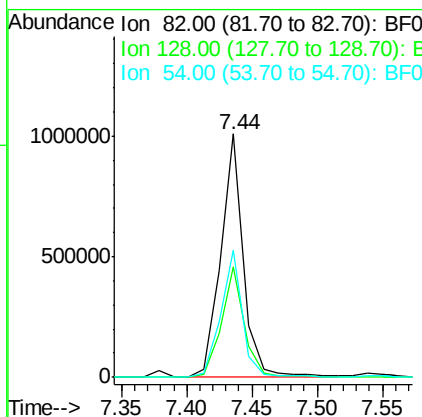
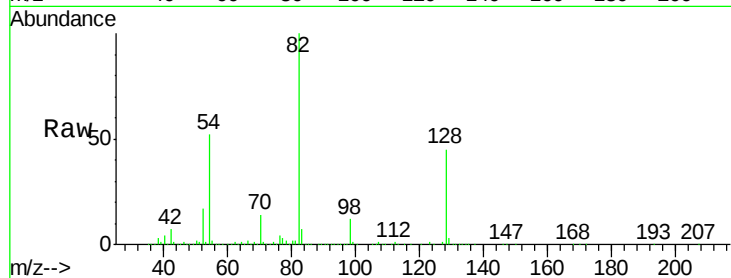




#23
 Nitrobenzene-d5
 Concen: 89.11 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.02 min
 Lab File: BF086342.D
 Acq: 21 Apr 2016 7:11

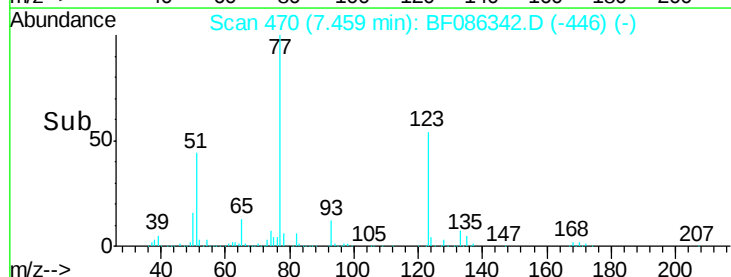
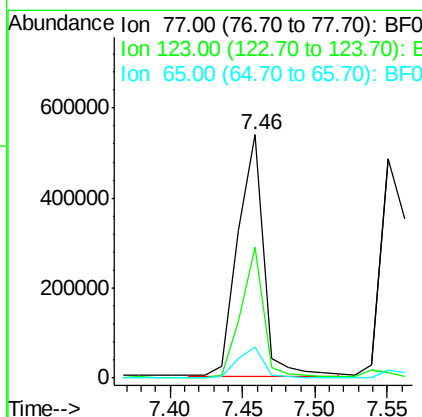
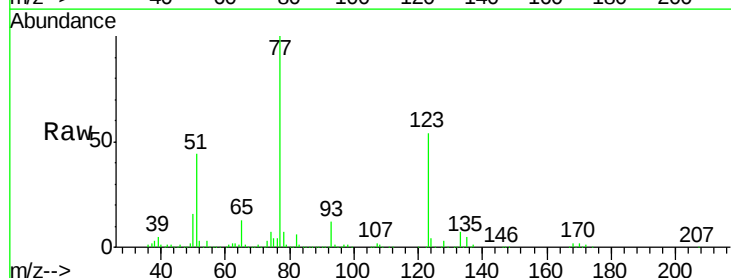
Instrument :
 BNA_F
 ClientSampleId :
 B-931WB(N)(19)MS

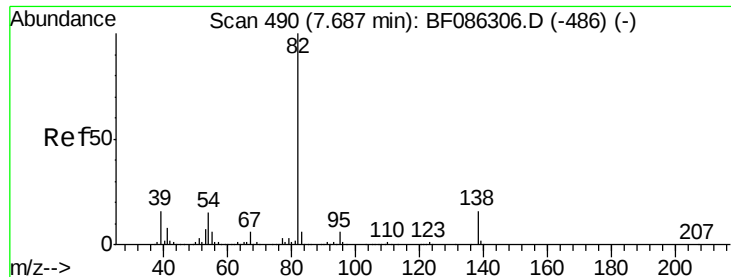
Tgt Ion: 82 Resp: 1228203
 Ion Ratio Lower Upper
 82 100
 128 45.3 35.4 53.2
 54 52.1 43.4 65.0



#24
 Nitrobenzene
 Concen: 44.98 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.02 min
 Lab File: BF086342.D
 Acq: 21 Apr 2016 7:11

Tgt Ion: 77 Resp: 663188
 Ion Ratio Lower Upper
 77 100
 123 53.6 38.3 57.5
 65 12.7 11.3 16.9





#25

Isophorone

Concen: 47.67 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.02 min

Lab File: BF086342.D

Acq: 21 Apr 2016 7:11

Instrument :

BNA_F

ClientSampleId :

B-931WB(N)(19)MS

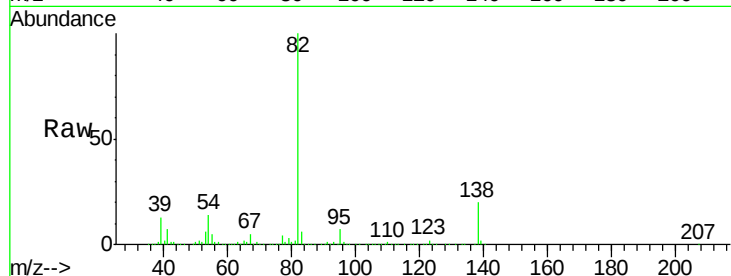
Tgt Ion: 82 Resp: 1244902

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

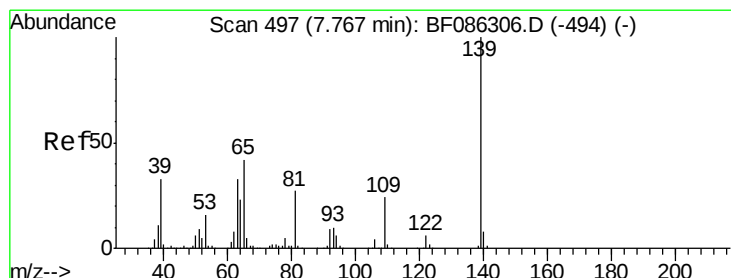
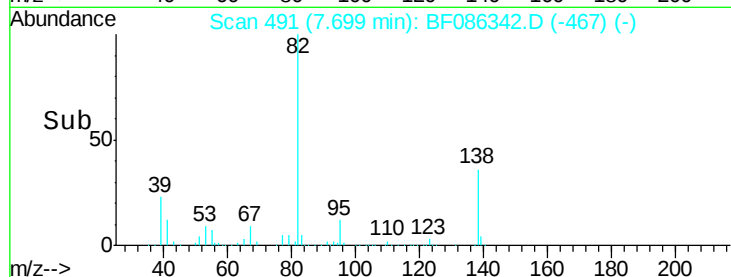
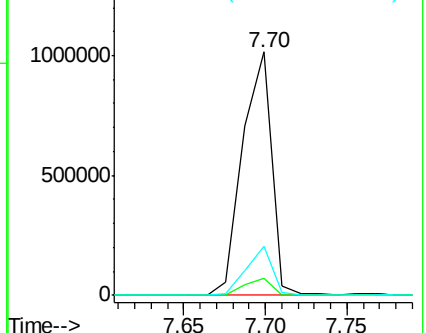
138 20.0 13.4 20.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 32.64 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.02 min

Lab File: BF086342.D

Acq: 21 Apr 2016 7:11

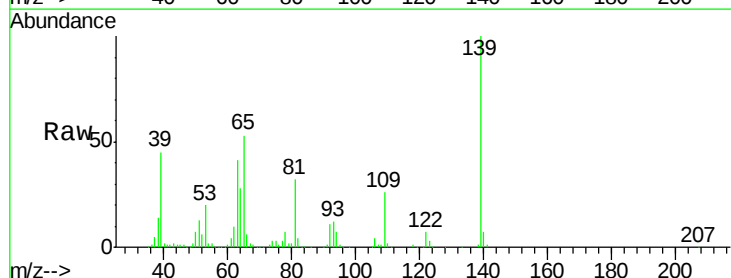
Tgt Ion: 139 Resp: 215253

Ion Ratio Lower Upper

139 100

109 25.5 25.8 38.8#

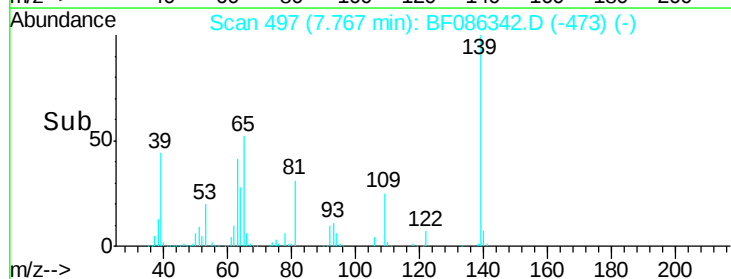
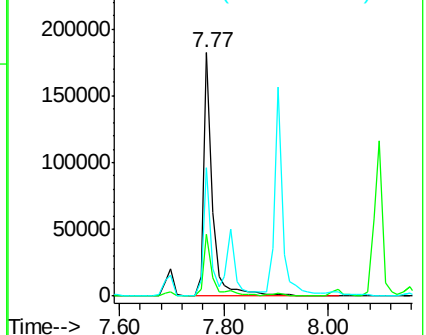
65 52.8 50.2 75.2

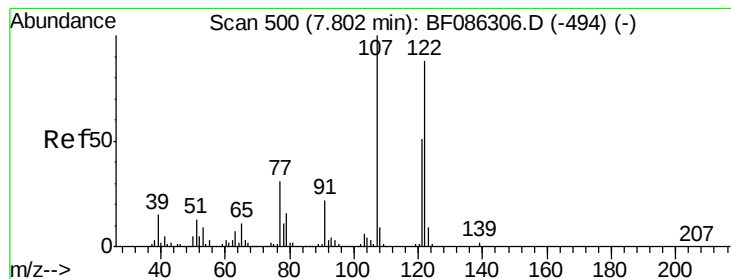


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 43.00 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.02 min

Lab File: BF086342.D

Acq: 21 Apr 2016 7:11

Instrument :

BNA_F

ClientSampleId :

B-931WB(N)(19)MS

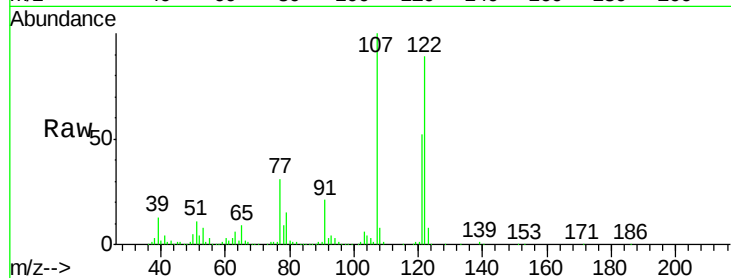
Tgt Ion:122 Resp: 556156

Ion Ratio Lower Upper

122 100

107 112.9 85.8 128.6

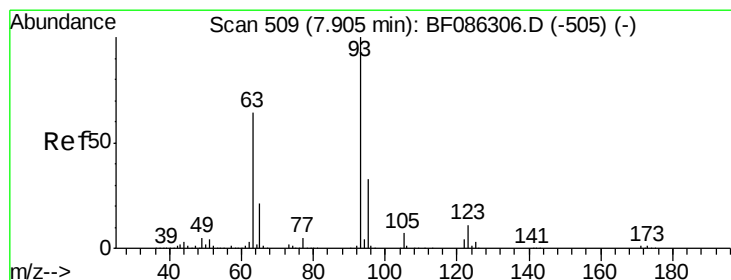
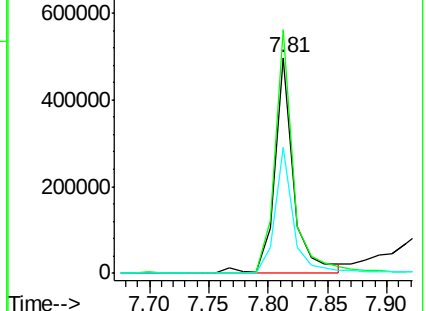
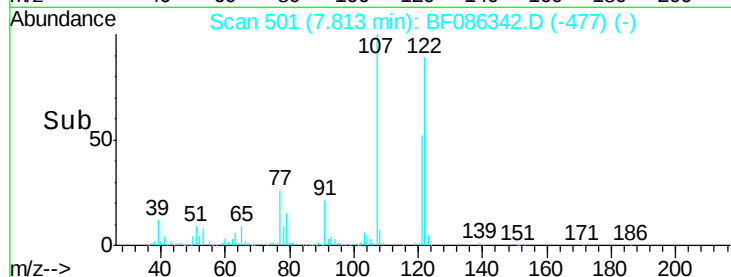
121 58.6 47.1 70.7



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: 50.67 ng

RT: 7.90 min Scan# 509

Delta R.T. -0.02 min

Lab File: BF086342.D

Acq: 21 Apr 2016 7:11

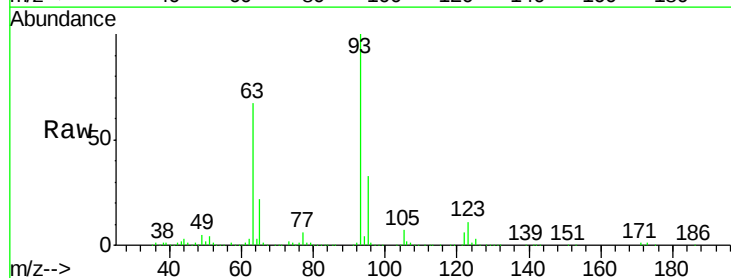
Tgt Ion: 93 Resp: 773762

Ion Ratio Lower Upper

93 100

95 33.2 25.8 38.8

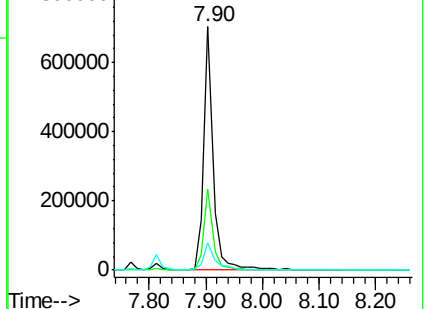
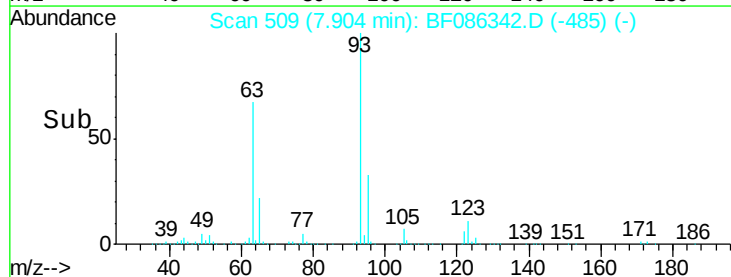
123 11.2 8.9 13.3

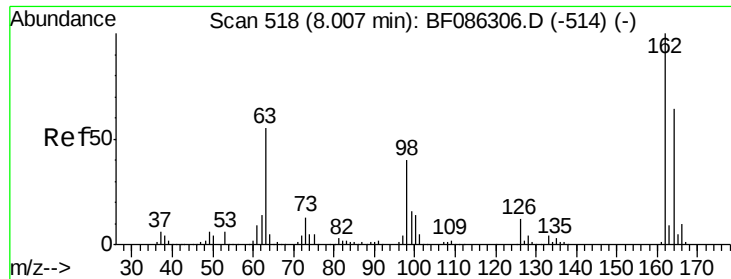


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

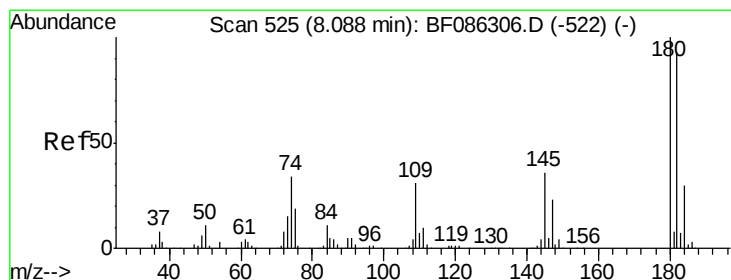
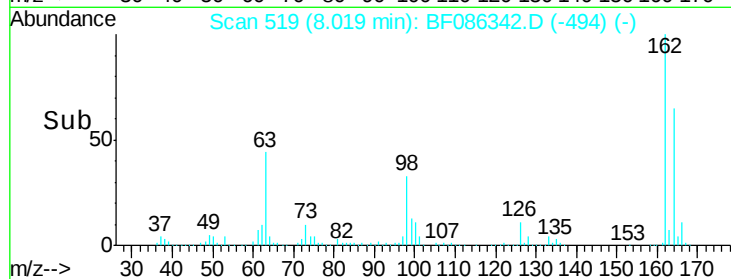
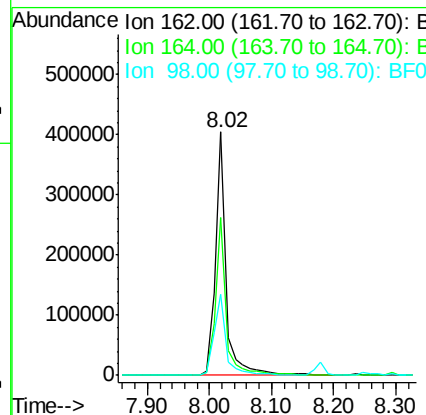
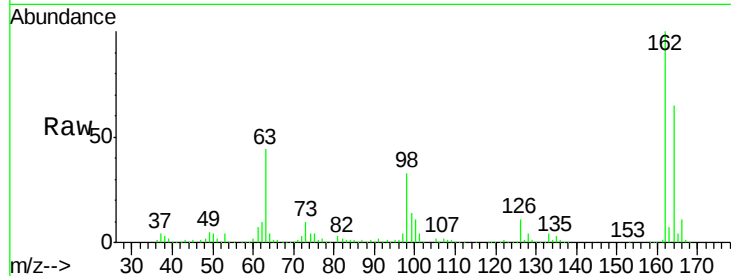




#29
2,4-Dichlorophenol
Concen: 47.72 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF086342.D
Acq: 21 Apr 2016 7:11

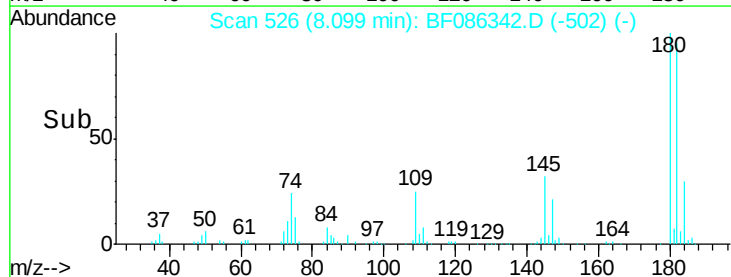
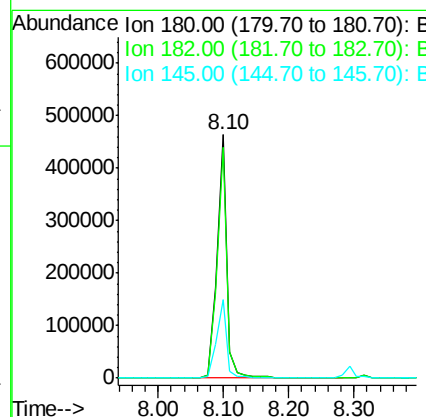
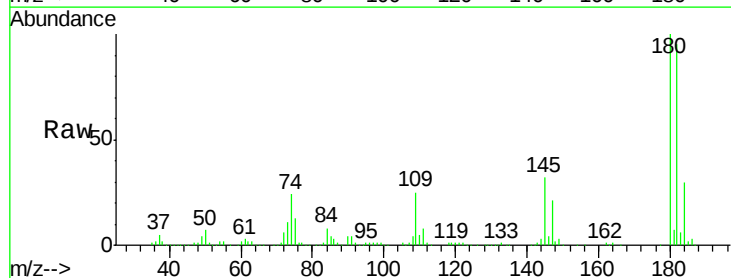
Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)MS

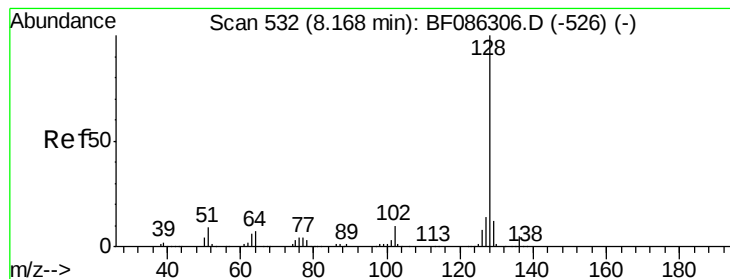
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.8	43.3	83.3
98	33.4	22.9	62.9



#30
1,2,4-Trichlorobenzene
Concen: 45.32 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.02 min
Lab File: BF086342.D
Acq: 21 Apr 2016 7:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.3	114.5
145	32.5	27.4	41.2





#31

Naphthalene

Concen: 46.83 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.02 min

Lab File: BF086342.D

Acq: 21 Apr 2016 7:11

Instrument :

BNA_F

ClientSampleId :

B-931WB(N)(19)MS

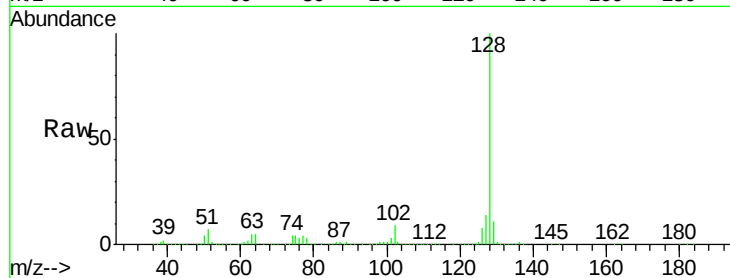
Tgt Ion:128 Resp: 1762011

Ion Ratio Lower Upper

128 100

129 11.4 9.6 14.4

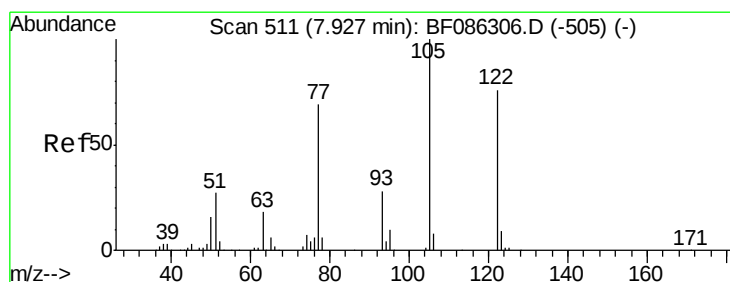
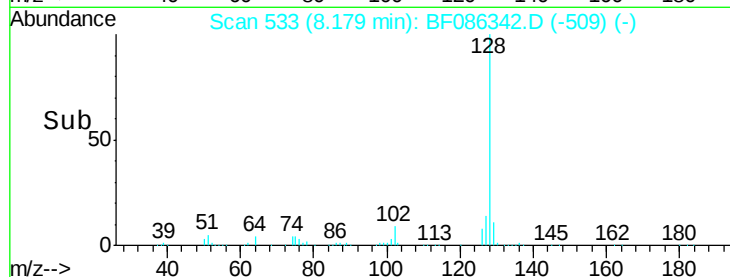
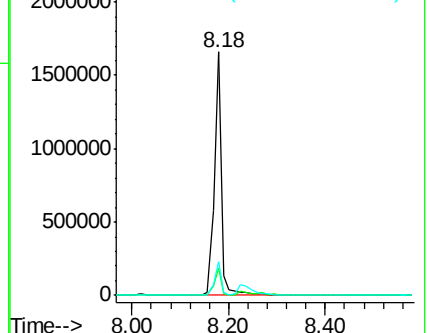
127 13.6 11.4 17.2



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: 42.39 ng

RT: 7.94 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF086342.D

Acq: 21 Apr 2016 7:11

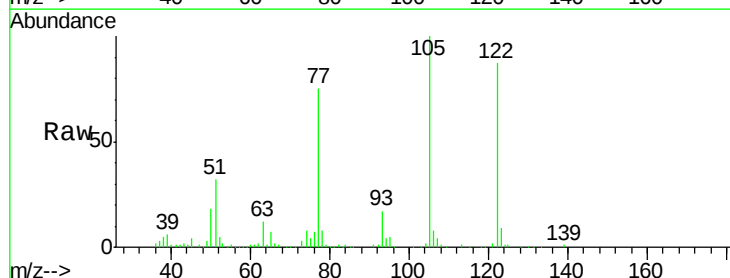
Tgt Ion:122 Resp: 325834

Ion Ratio Lower Upper

122 100

105 114.5 103.7 143.7

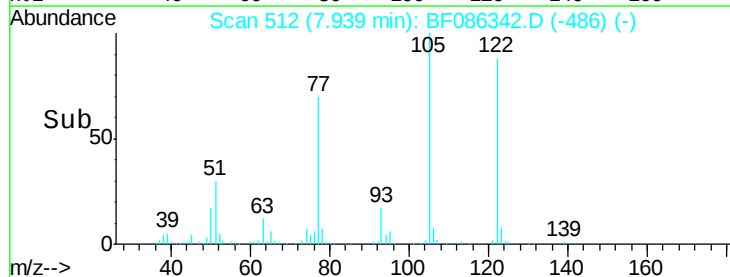
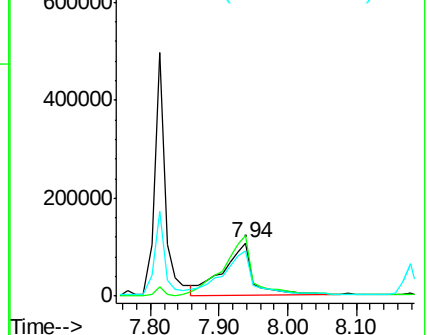
77 85.3 74.9 114.9

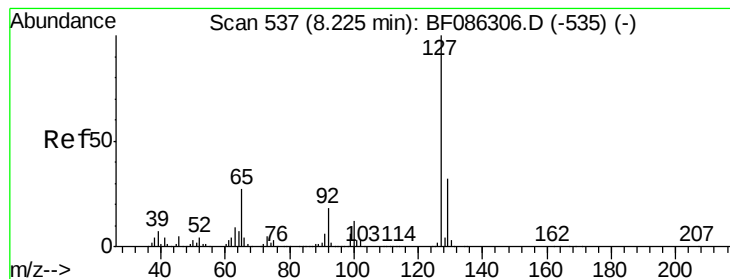


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 11.59 ng

RT: 8.22 min Scan# 537

Delta R.T. -0.02 min

Lab File: BF086342.D

Acq: 21 Apr 2016 7:11

Instrument :

BNA_F

ClientSampleId :

B-931WB(N)(19)MS

Tgt Ion:127 Resp: 180460

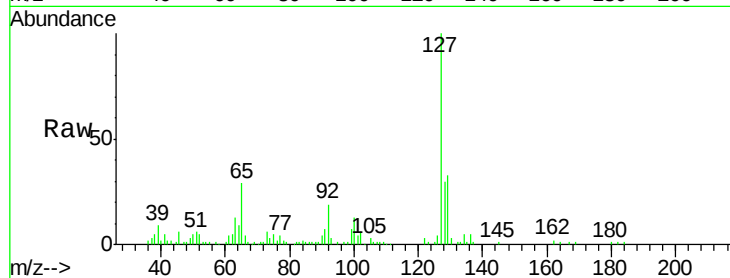
Ion Ratio Lower Upper

127 100

129 33.1 26.8 40.2

65 28.8 27.1 40.7

92 18.7 16.2 24.2

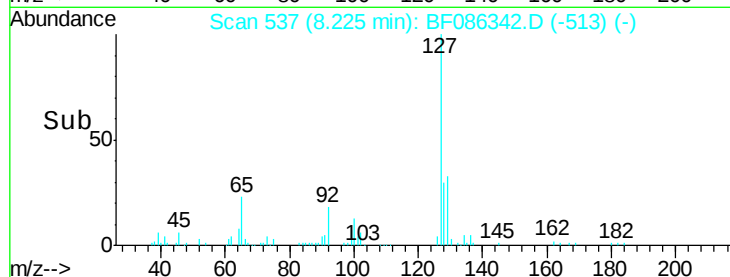


Abundance Ion 127.00 (126.70 to 127.70): E

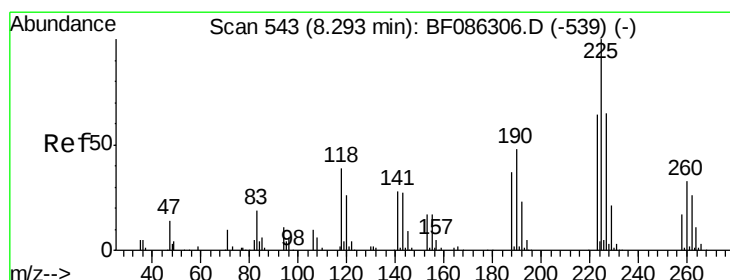
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



Time--> 8.10 8.20 8.30 8.40 8.50



#34

Hexachlorobutadiene

Concen: 42.57 ng

RT: 8.29 min Scan# 543

Delta R.T. -0.03 min

Lab File: BF086342.D

Acq: 21 Apr 2016 7:11

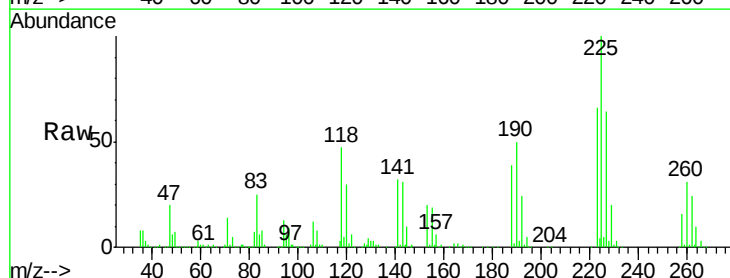
Tgt Ion:225 Resp: 236087

Ion Ratio Lower Upper

225 100

223 65.6 49.4 74.0

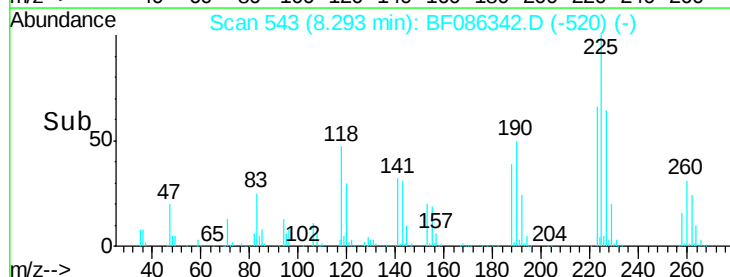
227 64.3 51.1 76.7



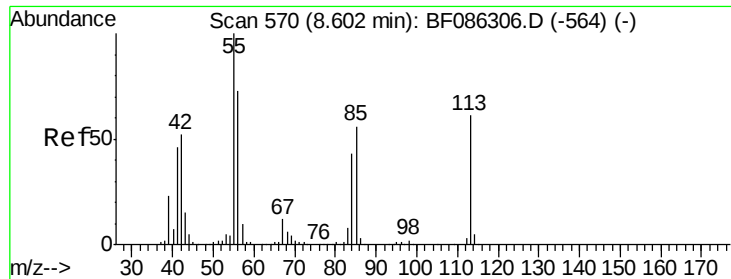
Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



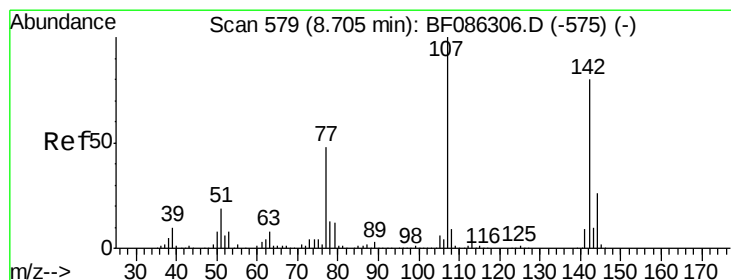
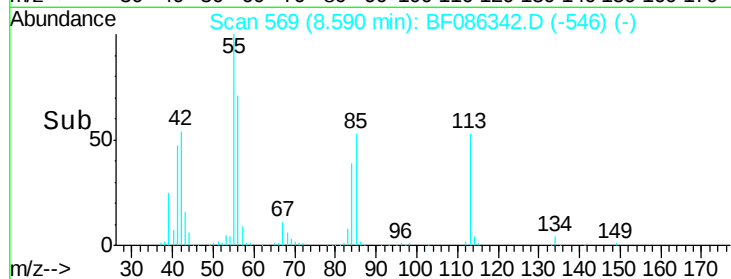
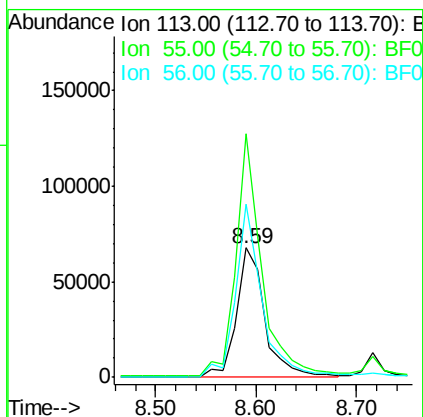
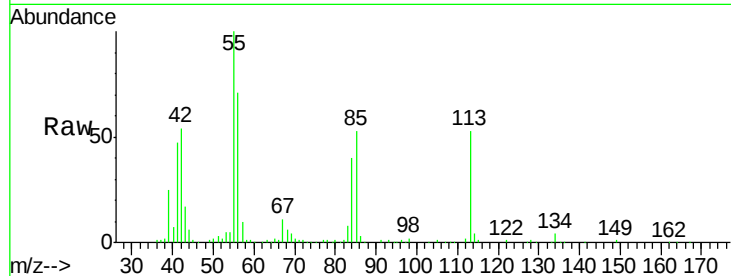
Time--> 8.25 8.30 8.35



#35
 Caprolactam
 Concen: 40.44 ng
 RT: 8.59 min Scan# 569
 Delta R.T. -0.03 min
 Lab File: BF086342.D
 Acq: 21 Apr 2016 7:11

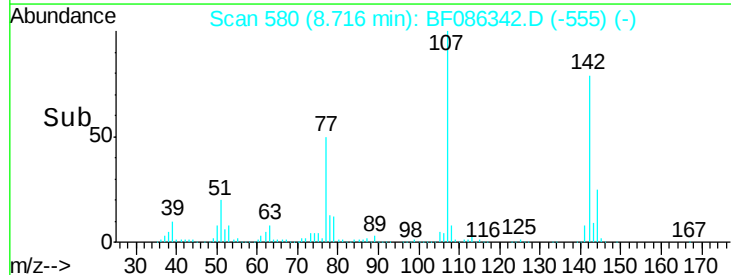
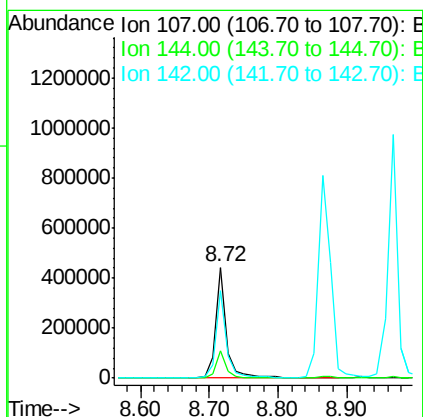
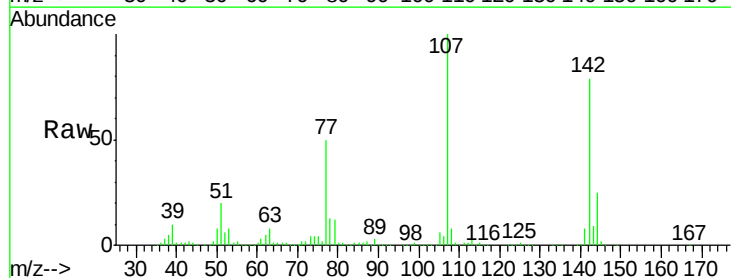
Instrument :
 BNA_F
 ClientSampleId :
 B-931WB(N)(19)MS

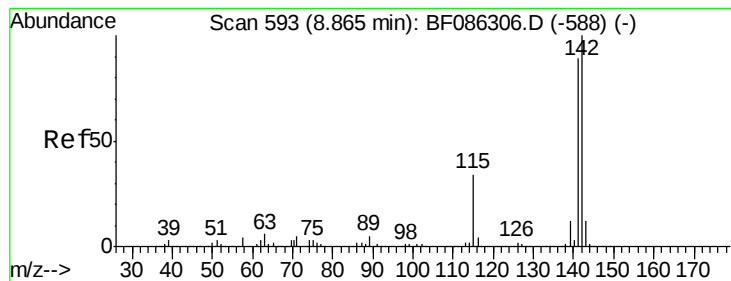
Tgt Ion:113 Resp: 133570
 Ion Ratio Lower Upper
 113 100
 55 188.6 117.5 157.5#
 56 134.1 82.5 122.5#



#36
 4-Chloro-3-methylphenol
 Concen: 43.32 ng
 RT: 8.72 min Scan# 580
 Delta R.T. -0.01 min
 Lab File: BF086342.D
 Acq: 21 Apr 2016 7:11

Tgt Ion:107 Resp: 496816
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.7 31.1
 142 78.7 64.5 96.7





#37

2-Methylnaphthalene

Concen: 42.88 ng

RT: 8.86 min Scan# 593

Delta R.T. -0.03 min

Lab File: BF086342.D

Acq: 21 Apr 2016 7:11

Instrument :

BNA_F

ClientSampleId :

B-931WB(N)(19)MS

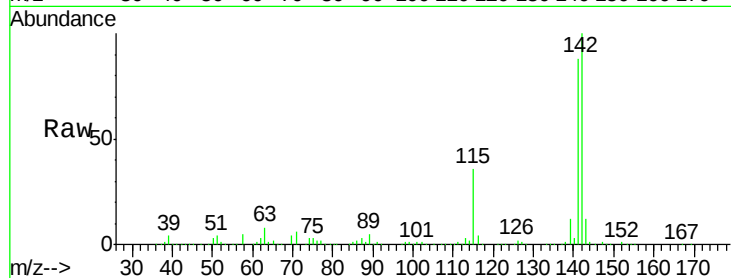
Tgt Ion:142 Resp: 996221

Ion Ratio Lower Upper

142 100

141 88.2 71.1 106.7

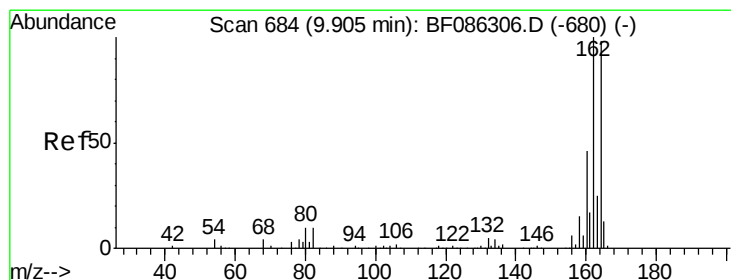
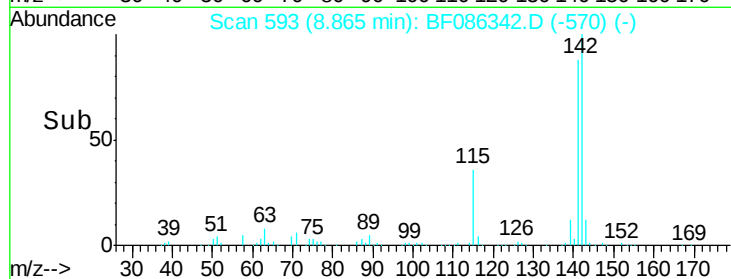
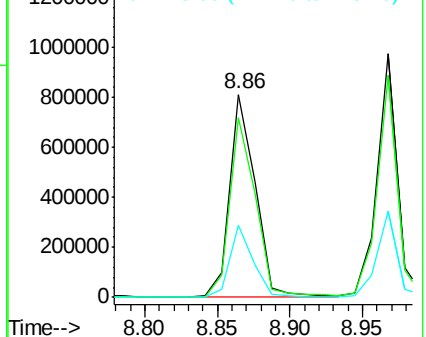
115 35.6 25.1 37.7



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: 9.90 min Scan# 684

Delta R.T. -0.03 min

Lab File: BF086342.D

Acq: 21 Apr 2016 7:11

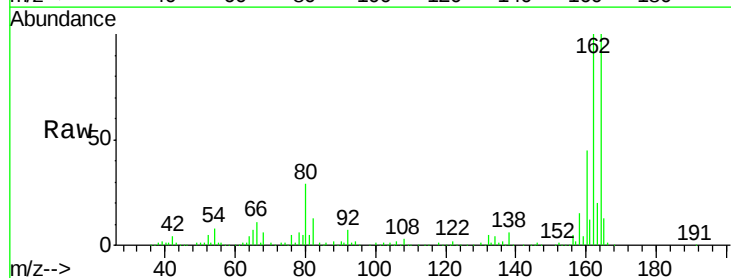
Tgt Ion:164 Resp: 285480

Ion Ratio Lower Upper

164 100

162 100.5 82.8 124.2

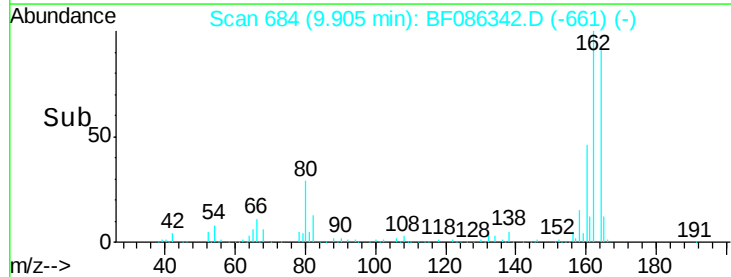
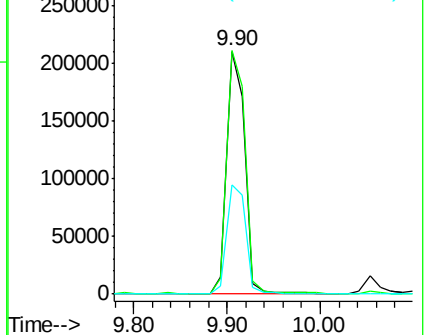
160 45.3 38.9 58.3

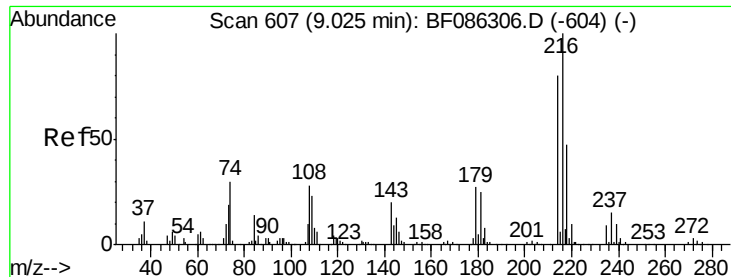


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

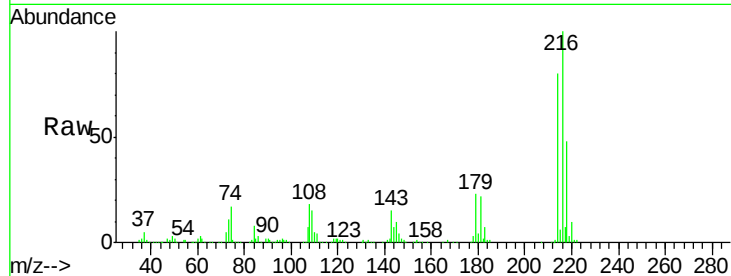




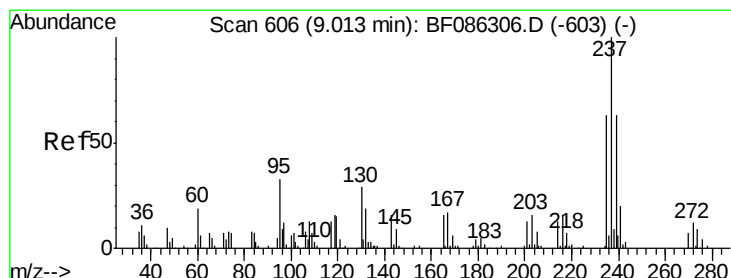
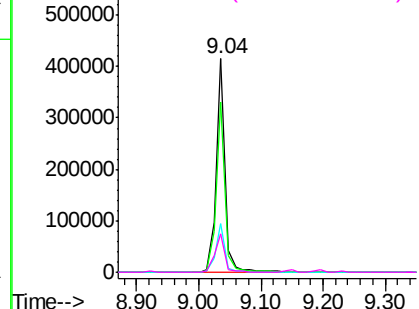
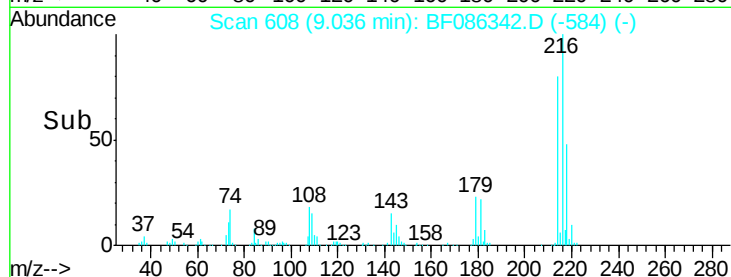
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 53.70 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.02 min
 Lab File: BF086342.D
 Acq: 21 Apr 2016 7:11

Instrument :
 BNA_F
 ClientSampleId :
 B-931WB(N)(19)MS

Tgt Ion:	216	Resp:	408085
Ion	Ratio	Lower	Upper
216	100		
214	79.9	64.9	97.3
179	23.5	19.8	29.6
108	20.3	21.0	31.4#

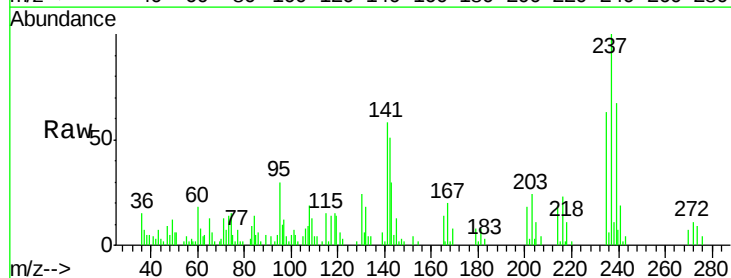


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

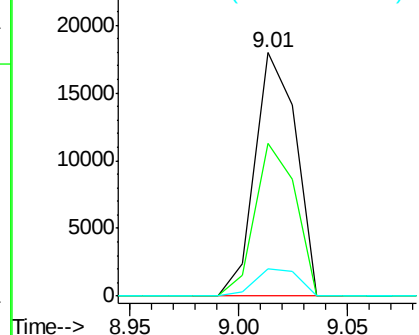
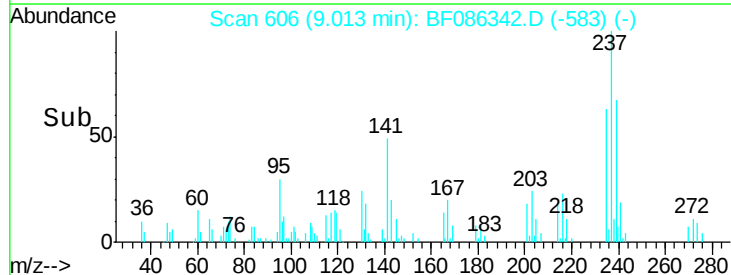


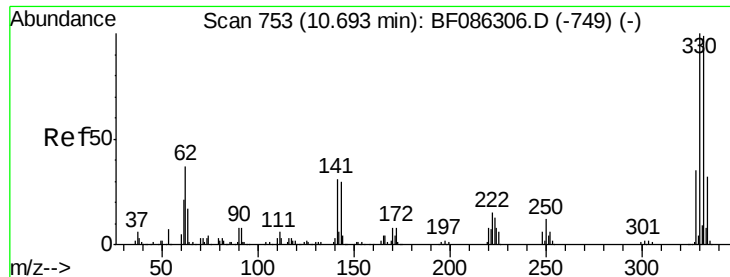
#40
 Hexachlorocyclopentadiene
 Concen: 14.27 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.03 min
 Lab File: BF086342.D
 Acq: 21 Apr 2016 7:11

Tgt Ion:	237	Resp:	23614
Ion	Ratio	Lower	Upper
237	100		
235	62.6	44.0	84.0
272	11.4	0.0	32.4



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

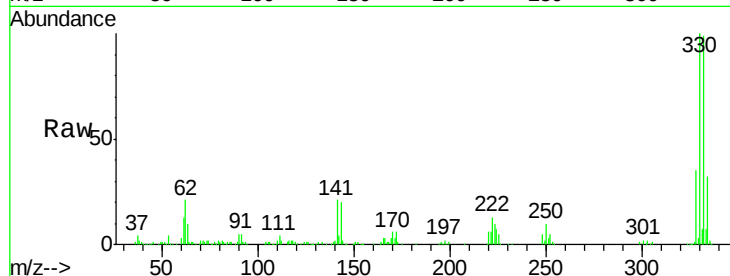




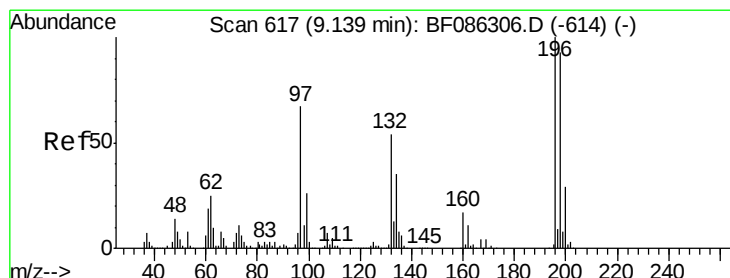
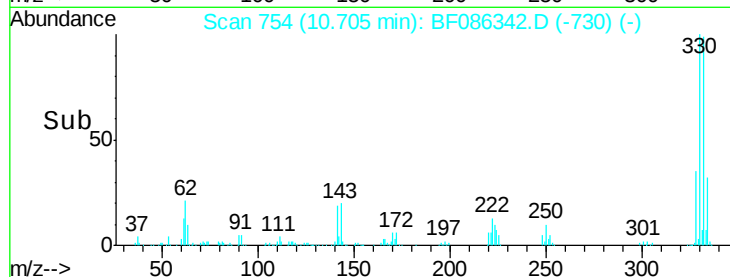
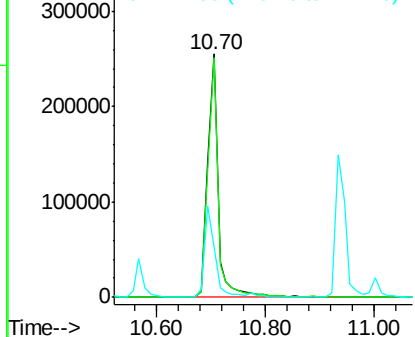
#41
 2,4,6-Tribromophenol
 Concen: 154.47 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.02 min
 Lab File: BF086342.D
 Acq: 21 Apr 2016 7:11

Instrument :
 BNA_F
 ClientSampleId :
 B-931WB(N)(19)MS

Tgt Ion:330 Resp: 343705
 Ion Ratio Lower Upper
 330 100
 332 95.7 78.7 118.1
 141 36.7 28.6 42.8

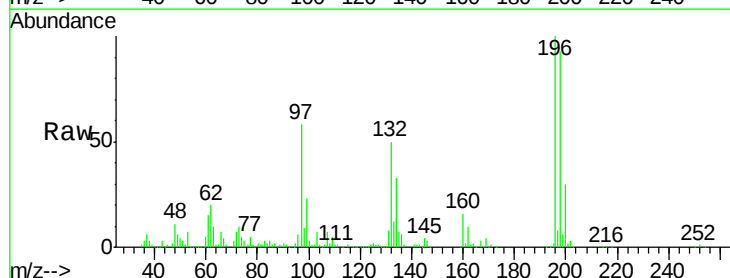


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

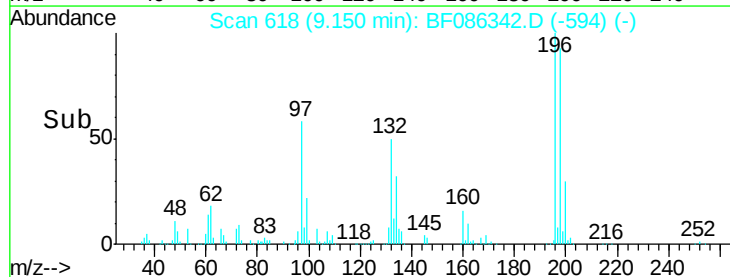
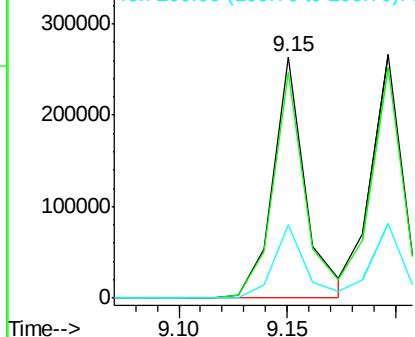


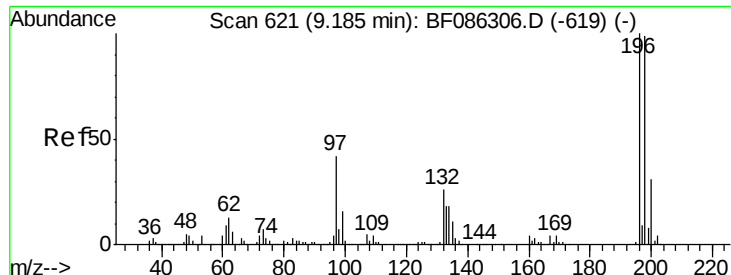
#42
 2,4,6-Trichlorophenol
 Concen: 51.94 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF086342.D
 Acq: 21 Apr 2016 7:11

Tgt Ion:196 Resp: 273809
 Ion Ratio Lower Upper
 196 100
 198 93.3 76.6 115.0
 200 30.4 25.3 37.9



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

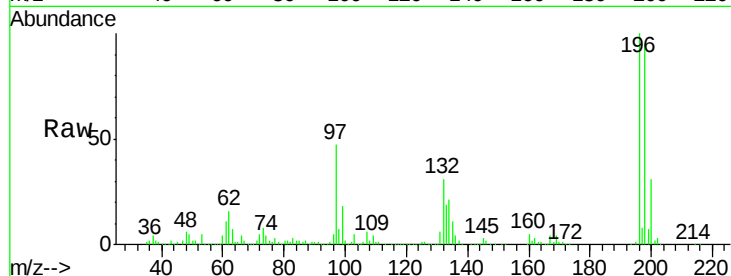




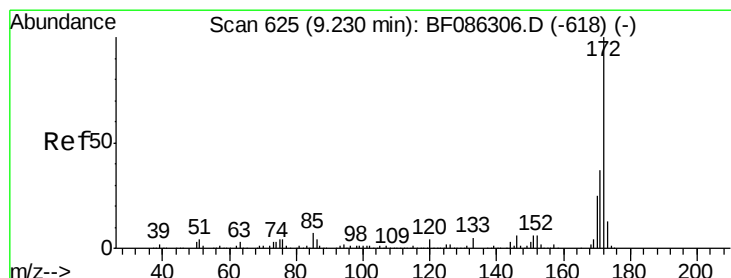
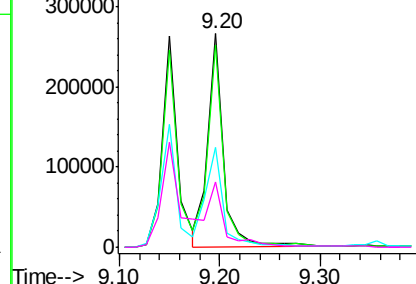
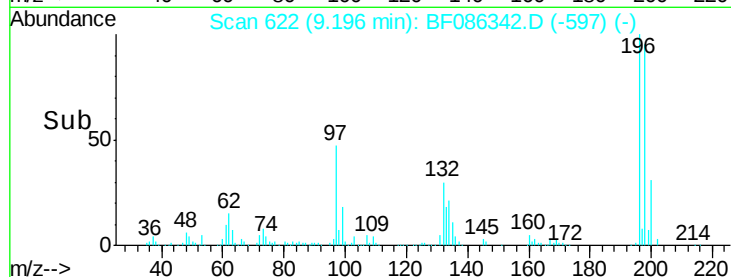
#43
 2,4,5-Trichlorophenol
 Concen: 50.35 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF086342.D
 Acq: 21 Apr 2016 7:11

Instrument :
 BNA_F
 ClientSampleId :
 B-931WB(N)(19)MS

Tgt Ion:196 Resp: 289081
 Ion Ratio Lower Upper
 196 100
 198 94.8 77.7 116.5
 97 47.1 32.6 48.8
 132 30.6 21.4 32.0

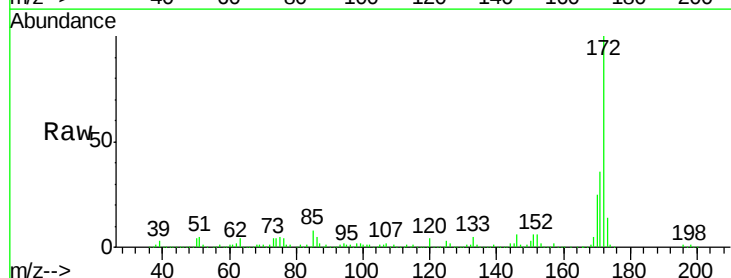


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

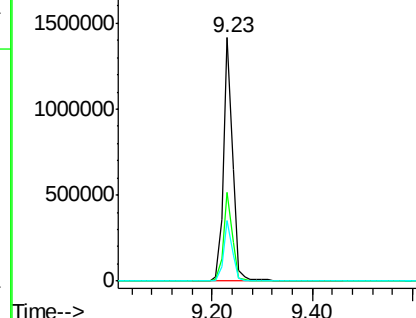
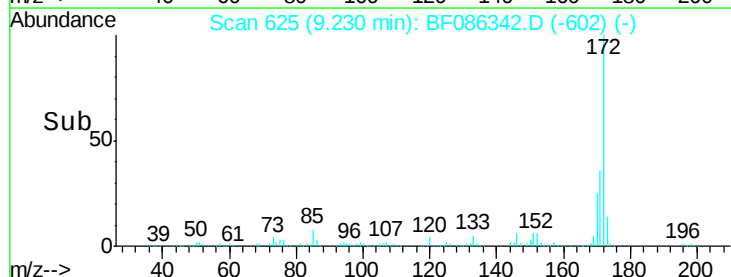


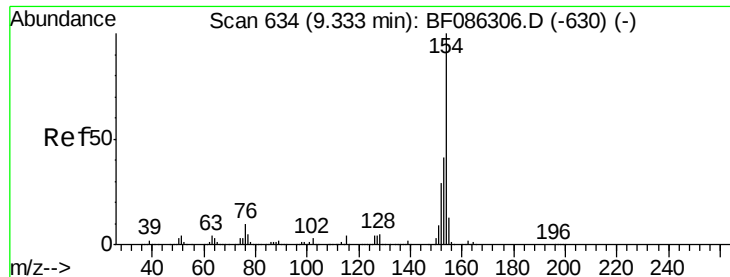
#44
 2-Fluorobiphenyl
 Concen: 134.88 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF086342.D
 Acq: 21 Apr 2016 7:11

Tgt Ion:172 Resp: 1781227
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.1 43.7
 170 24.9 19.9 29.9



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

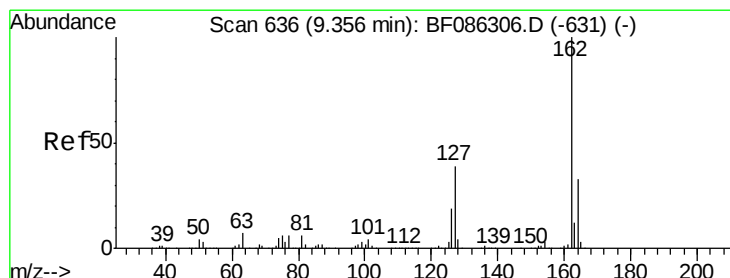
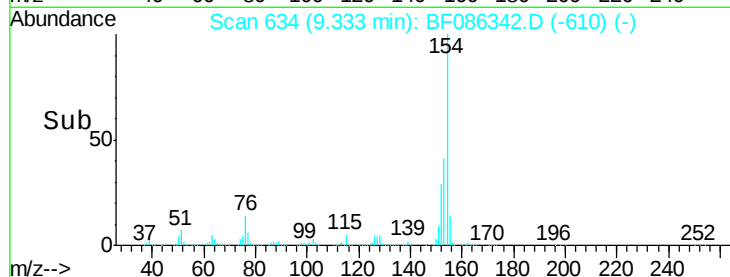
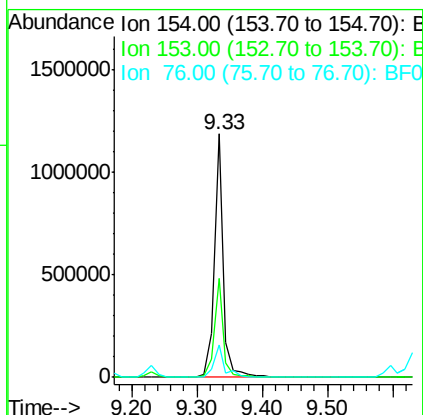
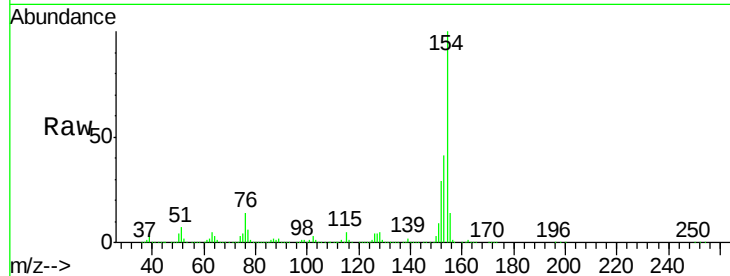




#45
 1,1'-Biphenyl
 Concen: 52.15 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.02 min
 Lab File: BF086342.D
 Acq: 21 Apr 2016 7:11

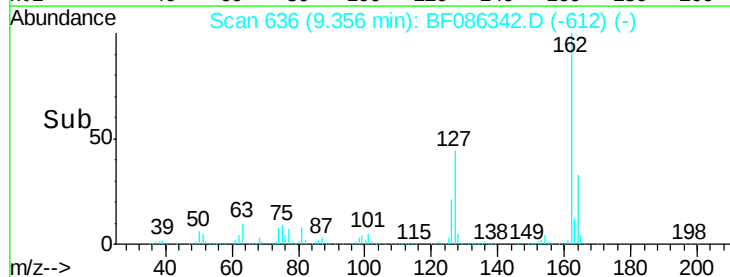
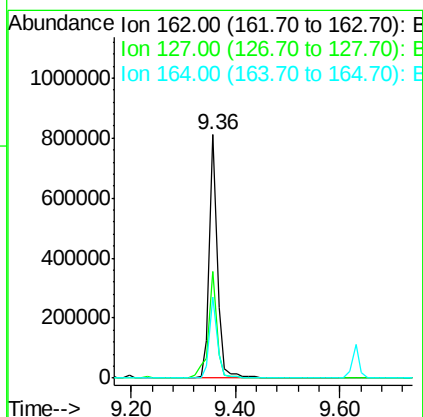
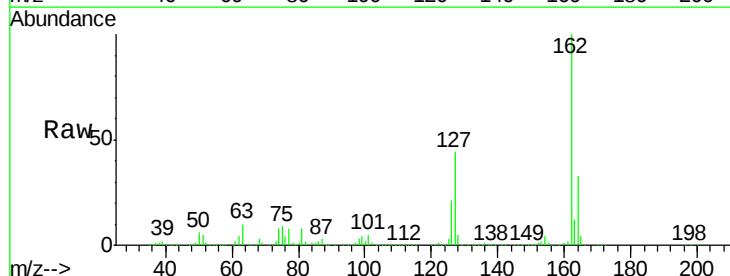
Instrument :
 BNA_F
 ClientSampleId :
 B-931WB(N)(19)MS

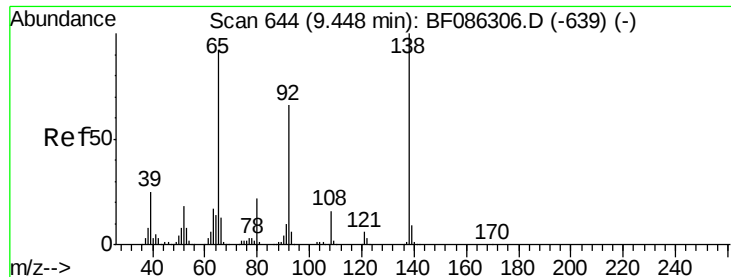
Tgt Ion:154 Resp: 1169207
 Ion Ratio Lower Upper
 154 100
 153 40.8 21.3 61.3
 76 13.5 0.0 36.4



#46
 2-Chloronaphthalene
 Concen: 51.35 ng
 RT: 9.36 min Scan# 636
 Delta R.T. -0.02 min
 Lab File: BF086342.D
 Acq: 21 Apr 2016 7:11

Tgt Ion:162 Resp: 872365
 Ion Ratio Lower Upper
 162 100
 127 43.9 36.7 55.1
 164 33.3 26.4 39.6

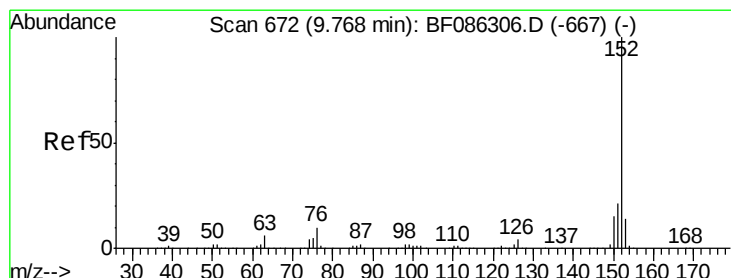
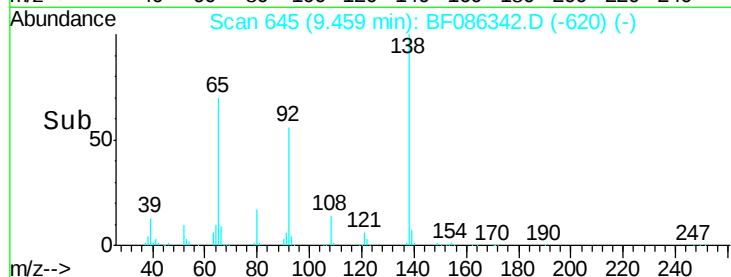
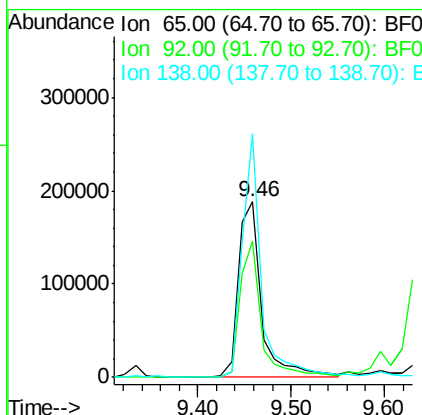
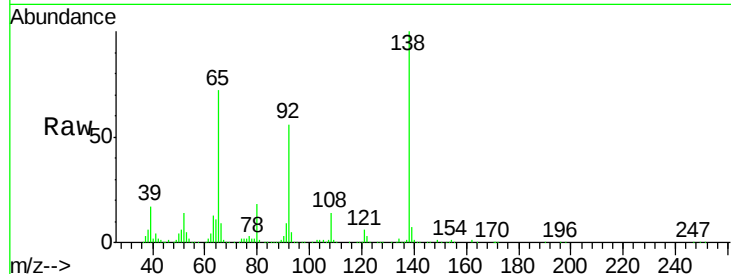




#47
2-Nitroaniline
Concen: 56.24 ng
RT: 9.46 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF086342.D
Acq: 21 Apr 2016 7:11

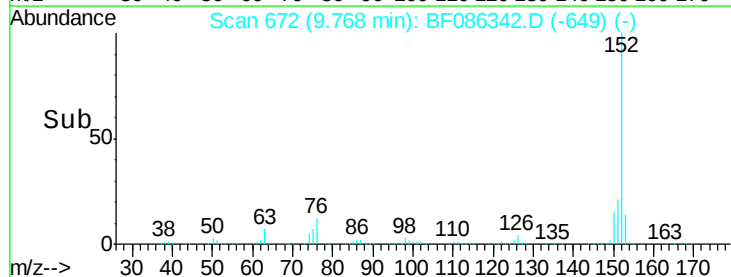
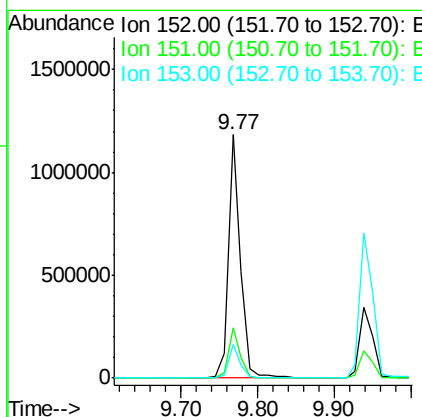
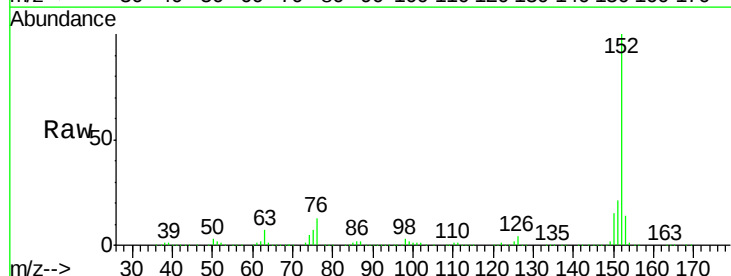
Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)MS

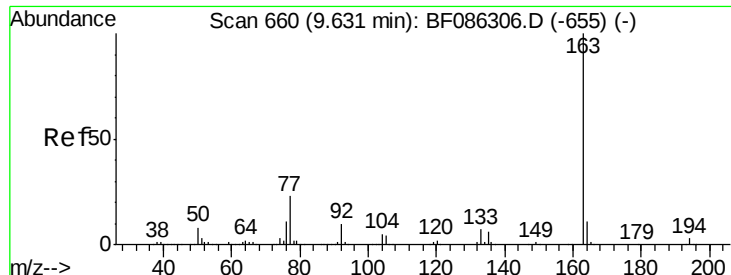
Tgt Ion: 65 Resp: 324721
Ion Ratio Lower Upper
65 100
92 77.6 51.9 77.9
138 138.8 72.6 108.8#



#48
Acenaphthylene
Concen: 49.92 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.03 min
Lab File: BF086342.D
Acq: 21 Apr 2016 7:11

Tgt Ion: 152 Resp: 1324434
Ion Ratio Lower Upper
152 100
151 20.8 17.2 25.8
153 13.8 10.7 16.1





#49

Dimethylphthalate

Concen: 49.52 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.03 min

Lab File: BF086342.D

Acq: 21 Apr 2016 7:11

Instrument :

BNA_F

ClientSampleId :

B-931WB(N)(19)MS

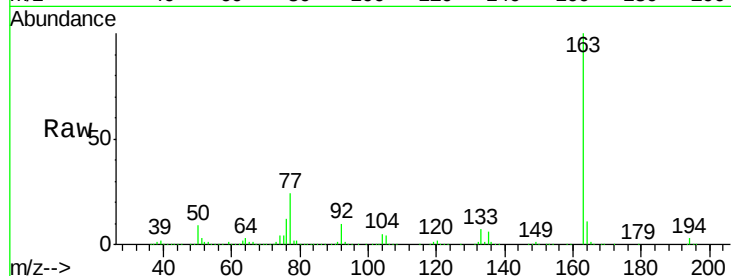
Tgt Ion:163 Resp: 1076264

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

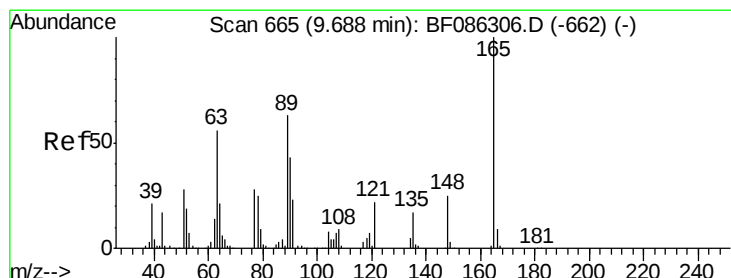
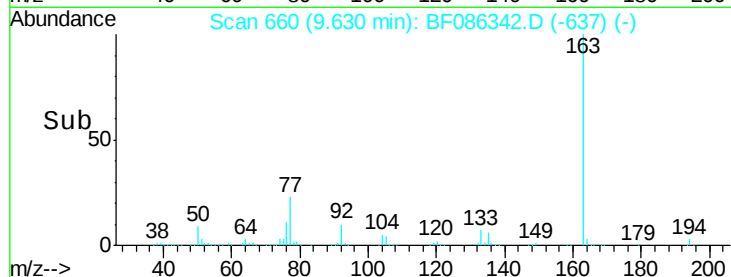
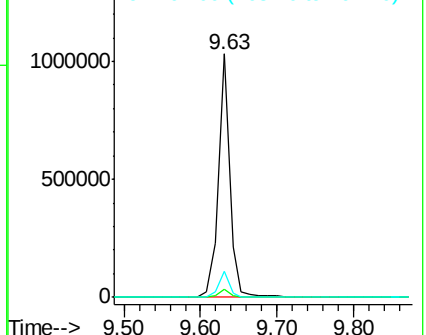
164 10.8 8.4 12.6



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: 40.63 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.02 min

Lab File: BF086342.D

Acq: 21 Apr 2016 7:11

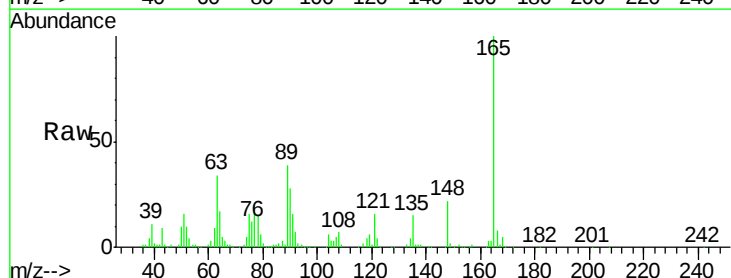
Tgt Ion:165 Resp: 181712

Ion Ratio Lower Upper

165 100

63 33.6 35.1 52.7#

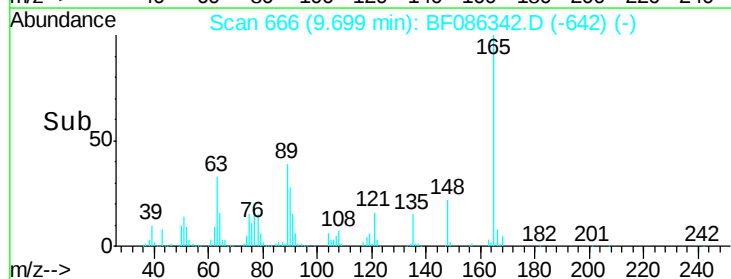
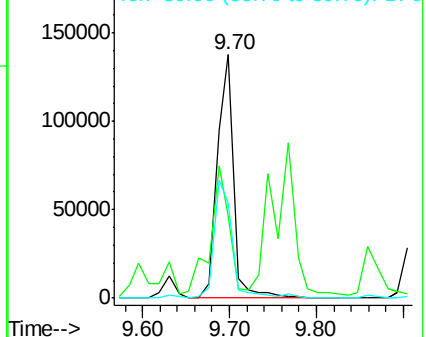
89 39.3 39.8 59.6#

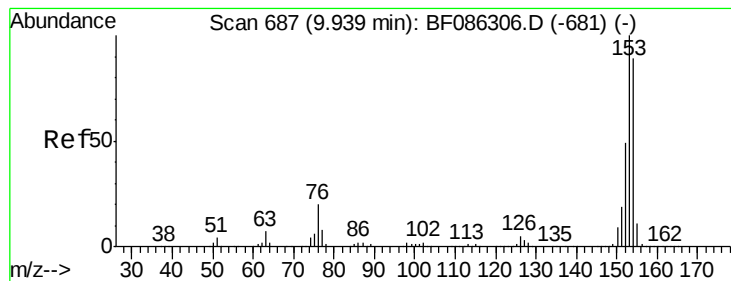


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 48.38 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.03 min

Lab File: BF086342.D

Acq: 21 Apr 2016 7:11

Instrument :

BNA_F

ClientSampleId :

B-931WB(N)(19)MS

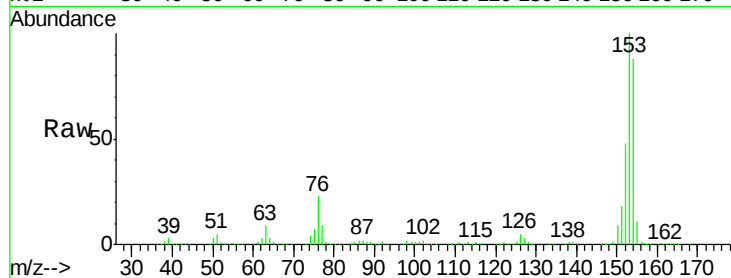
Tgt Ion:154 Resp: 753049

Ion Ratio Lower Upper

154 100

153 114.1 90.0 135.0

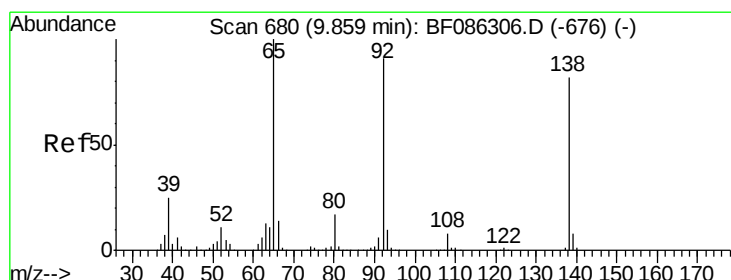
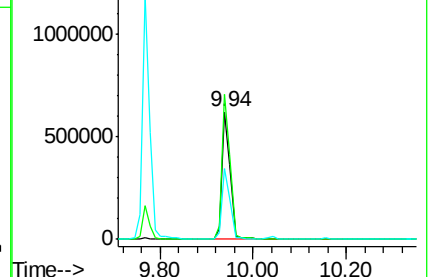
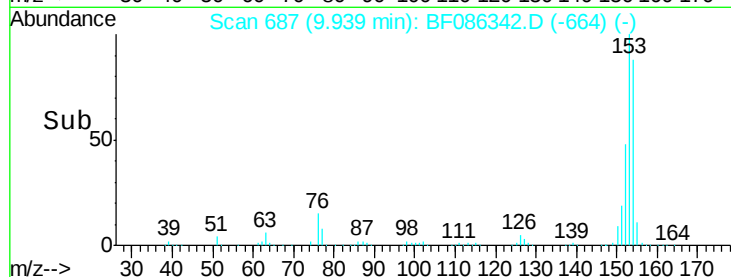
152 55.3 44.3 66.5



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: 45.03 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF086342.D

Acq: 21 Apr 2016 7:11

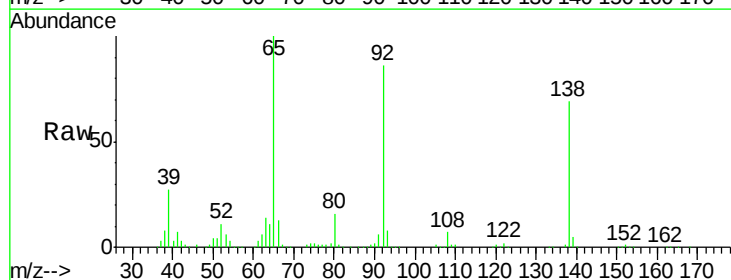
Tgt Ion:138 Resp: 256147

Ion Ratio Lower Upper

138 100

108 10.9 9.0 13.4

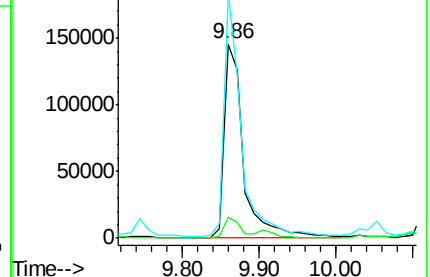
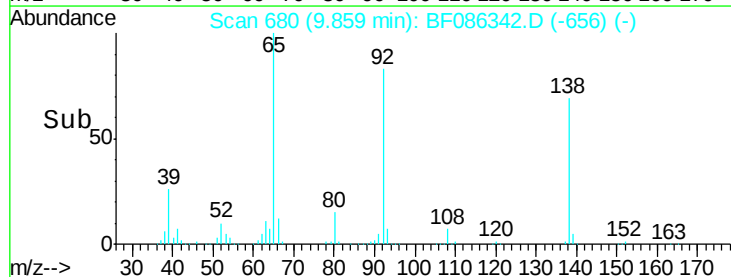
92 125.7 99.3 148.9

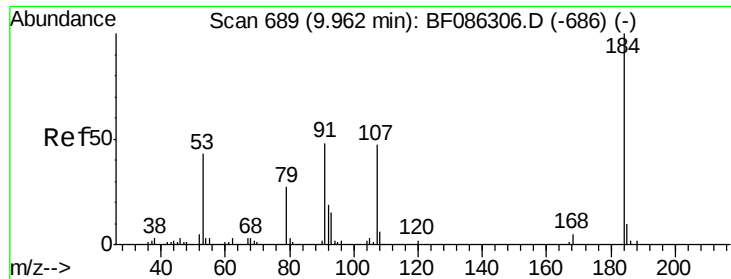


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

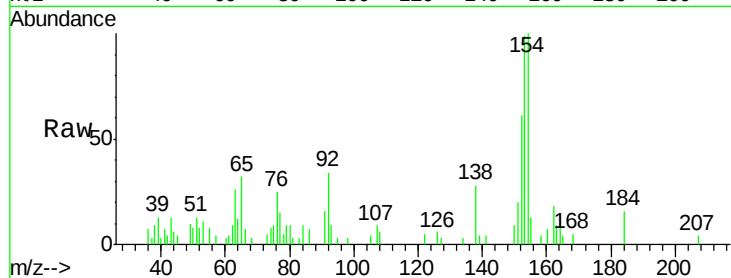




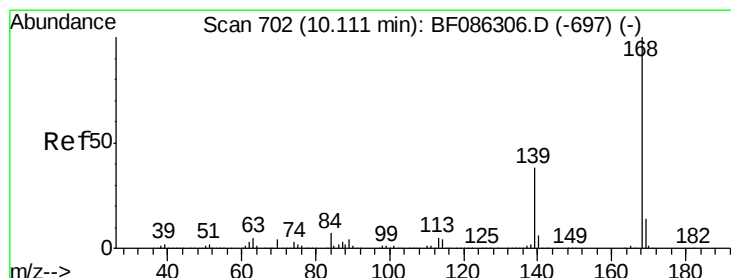
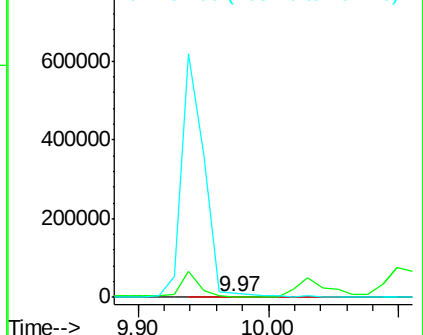
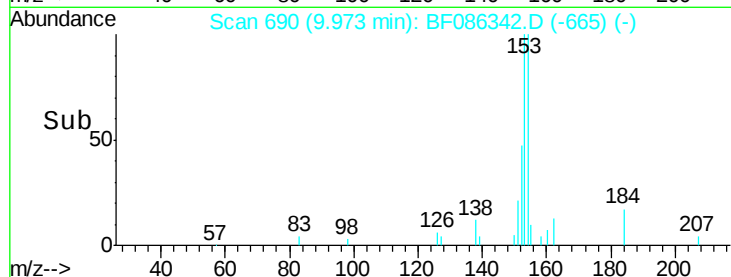
#53
 2,4-Dinitrophenol
 Concen: 10.46 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: BF086342.D
 Acq: 21 Apr 2016 7:11

Instrument :
 BNA_F
 ClientSampleId :
 B-931WB(N)(19)MS

Tgt Ion:184 Resp: 3888
 Ion Ratio Lower Upper
 184 100
 63 161.9 64.7 97.1#
 154 622.5 59.4 89.2#

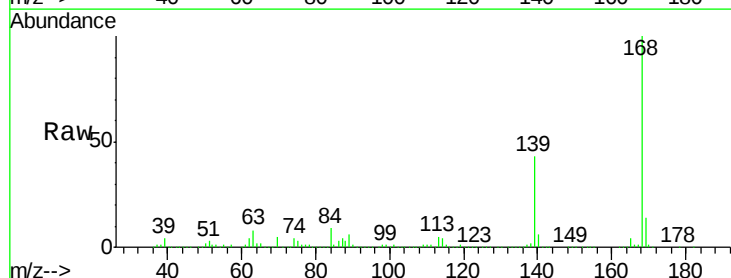


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

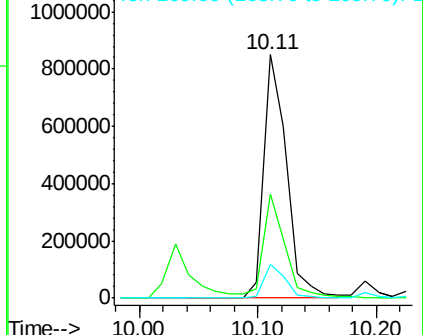
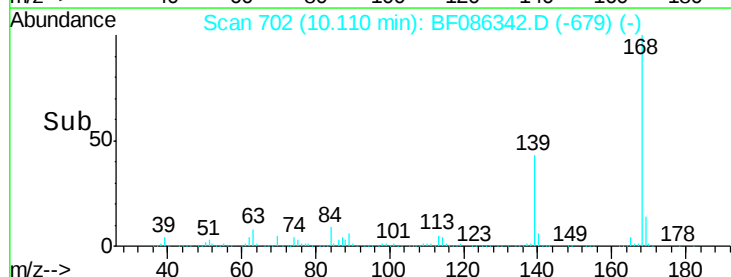


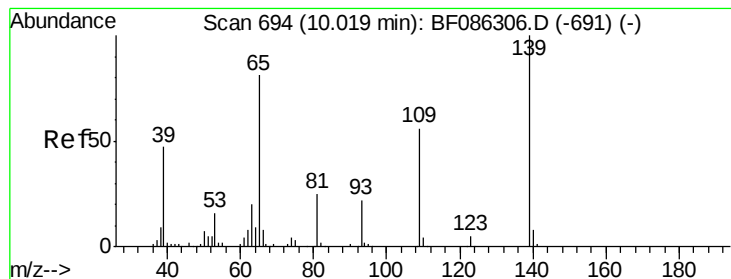
#54
 Dibenzofuran
 Concen: 53.89 ng
 RT: 10.11 min Scan# 702
 Delta R.T. -0.03 min
 Lab File: BF086342.D
 Acq: 21 Apr 2016 7:11

Tgt Ion:168 Resp: 1140386
 Ion Ratio Lower Upper
 168 100
 139 42.8 29.5 44.3
 169 14.0 10.6 16.0



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: 80.50 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF086342.D

Acq: 21 Apr 2016 7:11

Instrument :

BNA_F

ClientSampleId :

B-931WB(N)(19)MS

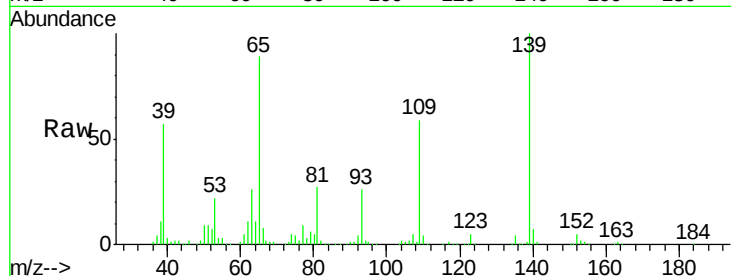
Tgt Ion:139 Resp: 283916

Ion Ratio Lower Upper

139 100

109 58.6 55.0 95.0

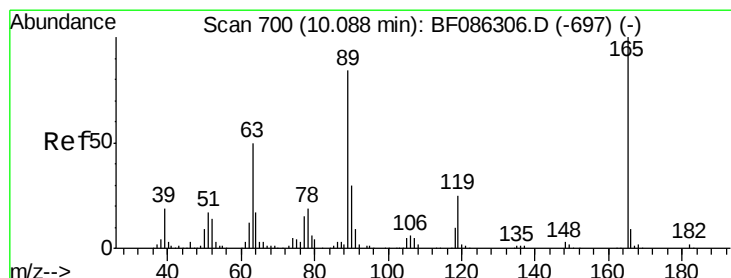
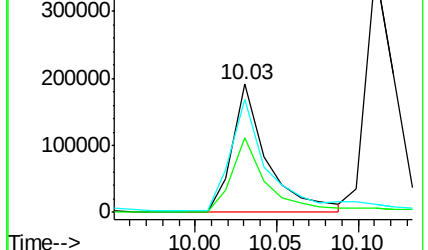
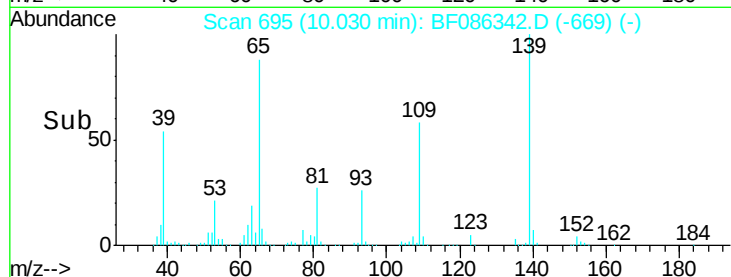
65 88.7 87.3 127.3



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): E



#56

2,4-Dinitrotoluene

Concen: 35.76 ng

RT: 10.10 min Scan# 701

Delta R.T. -0.02 min

Lab File: BF086342.D

Acq: 21 Apr 2016 7:11

Tgt Ion:165 Resp: 198756

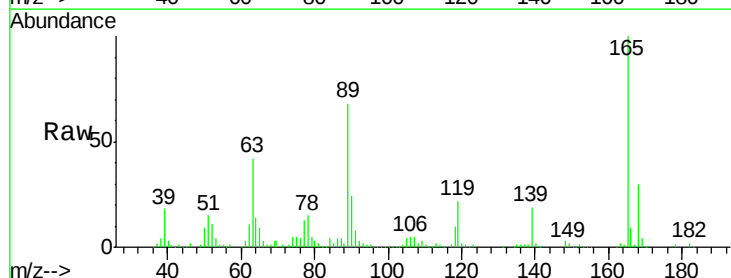
Ion Ratio Lower Upper

165 100

63 41.8 26.6 40.0#

89 68.0 49.5 74.3

182 2.0 1.9 2.9

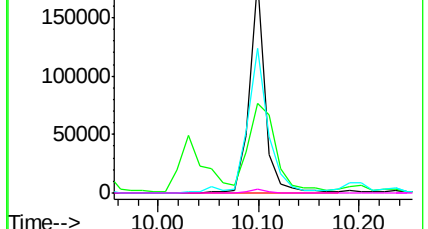
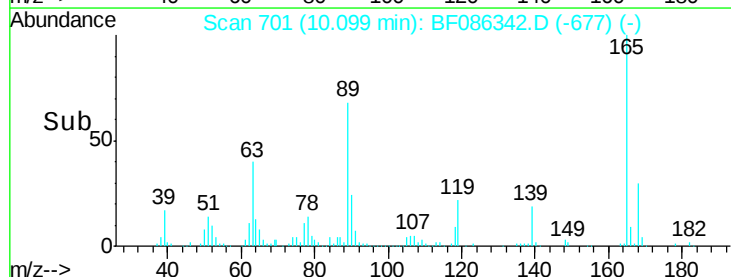


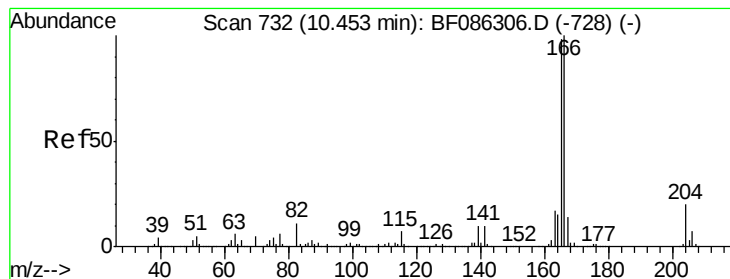
Abundance Ion 165.00 (164.70 to 165.70): E

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: 48.99 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.03 min

Lab File: BF086342.D

Acq: 21 Apr 2016 7:11

Instrument :

BNA_F

ClientSampleId :

B-931WB(N)(19)MS

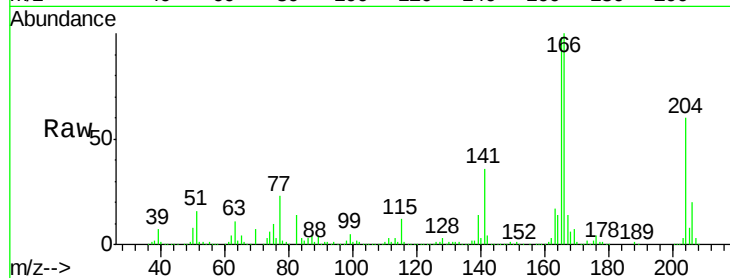
Tgt Ion:166 Resp: 768131

Ion Ratio Lower Upper

166 100

165 98.5 78.6 117.8

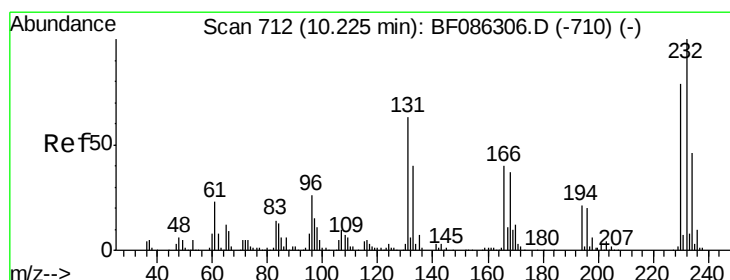
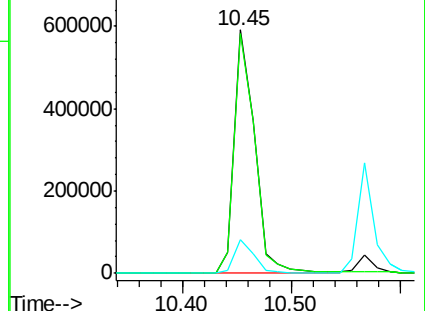
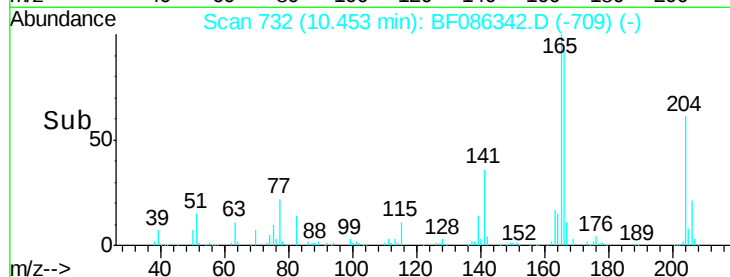
167 13.9 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 57.19 ng

RT: 10.24 min Scan# 713

Delta R.T. -0.02 min

Lab File: BF086342.D

Acq: 21 Apr 2016 7:11

Tgt Ion:232 Resp: 220315

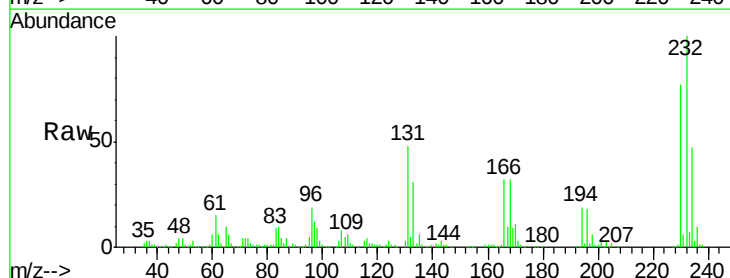
Ion Ratio Lower Upper

232 100

131 47.7 46.6 70.0

130 0.0 2.5 3.7#

166 30.4 28.3 42.5

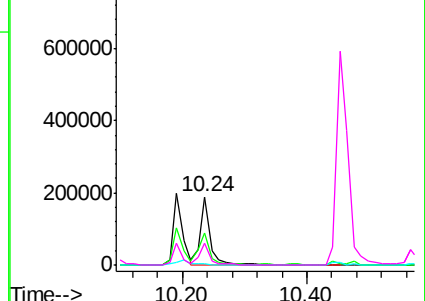
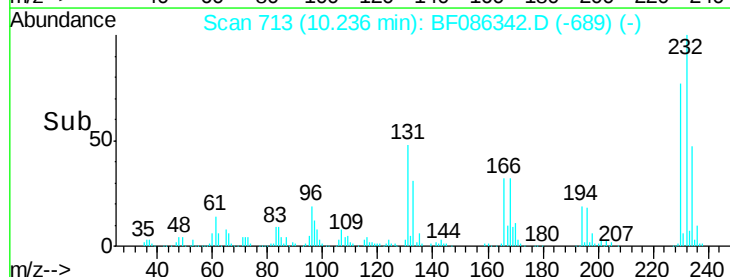


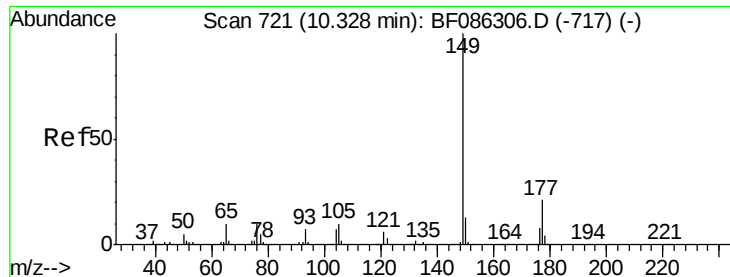
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

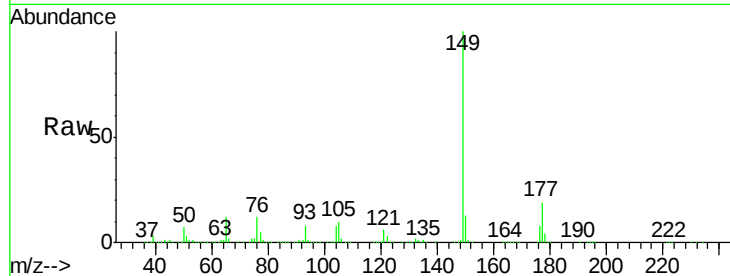




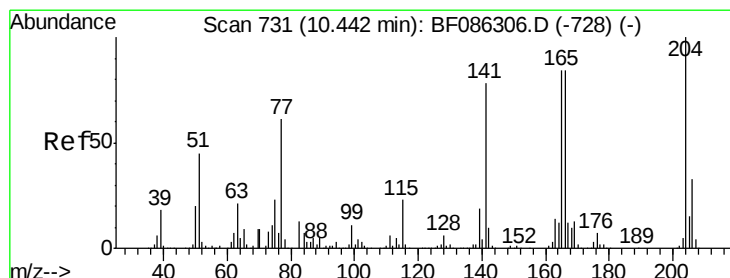
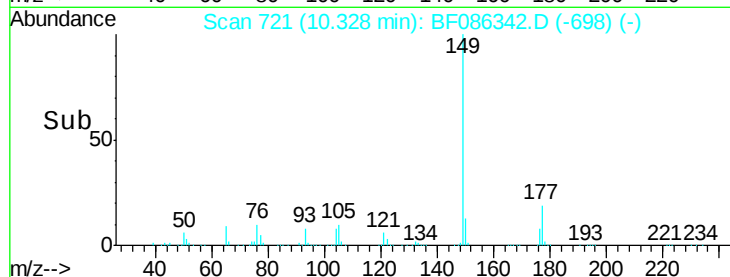
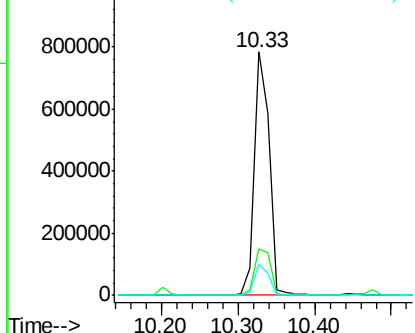
#59
Diethylphthalate
Concen: 48.96 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.03 min
Lab File: BF086342.D
Acq: 21 Apr 2016 7:11

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)MS

Tgt Ion:149 Resp: 1038283
Ion Ratio Lower Upper
149 100
177 19.2 17.0 25.6
150 12.7 10.2 15.4

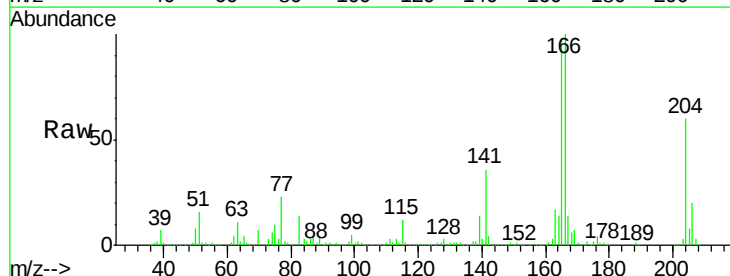


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

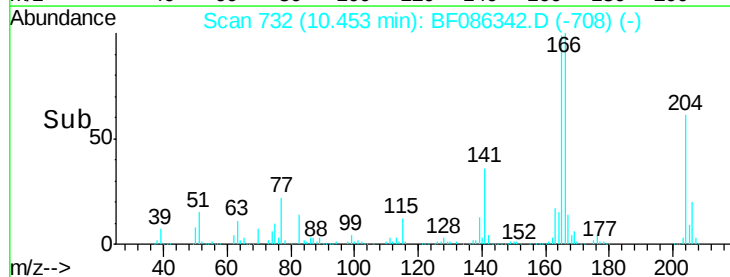
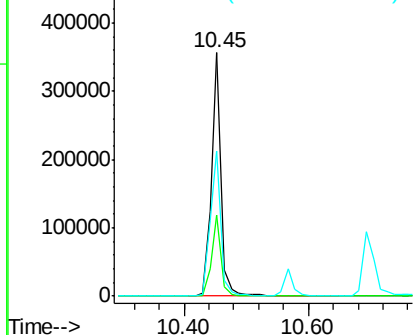


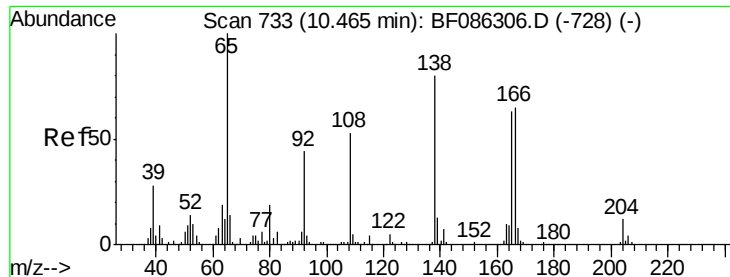
#60
4-Chlorophenyl-phenylether
Concen: 51.90 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.02 min
Lab File: BF086342.D
Acq: 21 Apr 2016 7:11

Tgt Ion:204 Resp: 376918
Ion Ratio Lower Upper
204 100
206 33.4 26.2 39.2
141 59.8 55.4 83.0



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

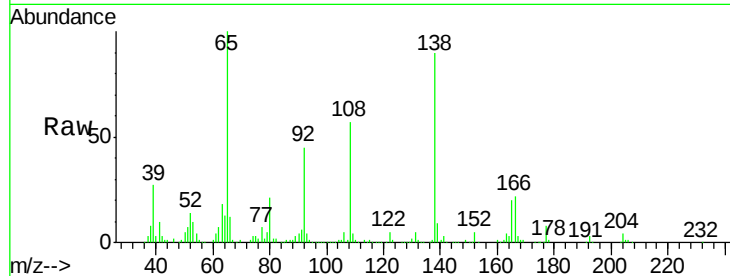




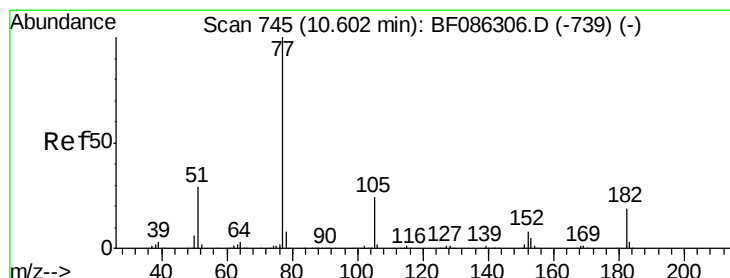
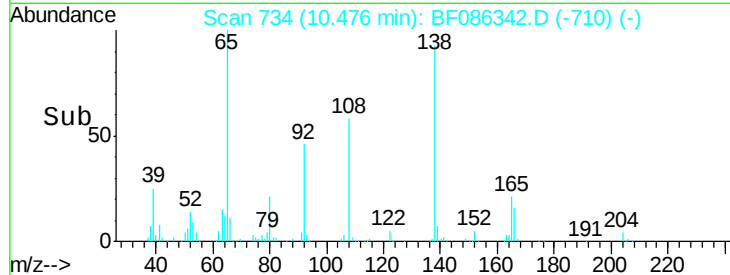
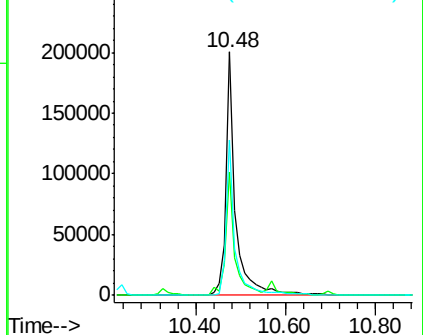
#61
4-Nitroaniline
Concen: 56.47 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF086342.D
Acq: 21 Apr 2016 7:11

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)MS

Tgt Ion:138 Resp: 300672
Ion Ratio Lower Upper
138 100
92 50.6 31.9 71.9
108 63.7 58.7 98.7

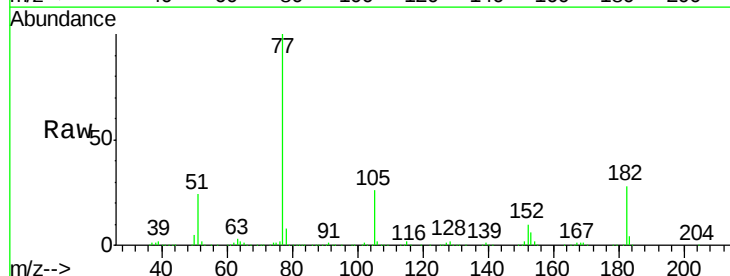


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

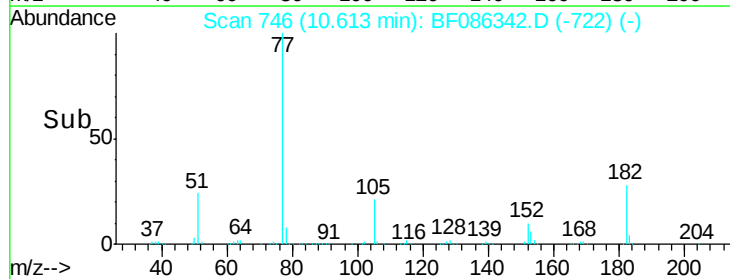
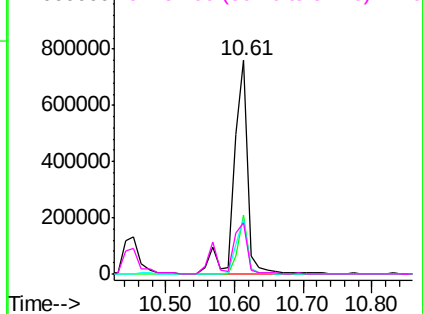


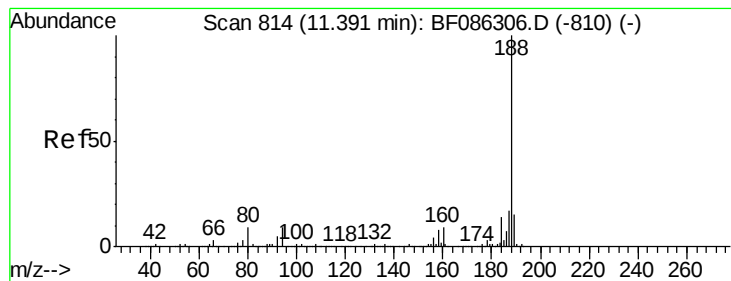
#62
Azobenzene
Concen: 49.95 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.02 min
Lab File: BF086342.D
Acq: 21 Apr 2016 7:11

Tgt Ion: 77 Resp: 1044293
Ion Ratio Lower Upper
77 100
182 27.7 2.3 42.3
105 26.0 3.4 43.4
51 24.2 11.7 51.7



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.02 min

Lab File: BF086342.D

Acq: 21 Apr 2016 7:11

Instrument :

BNA_F

ClientSampleId :

B-931WB(N)(19)MS

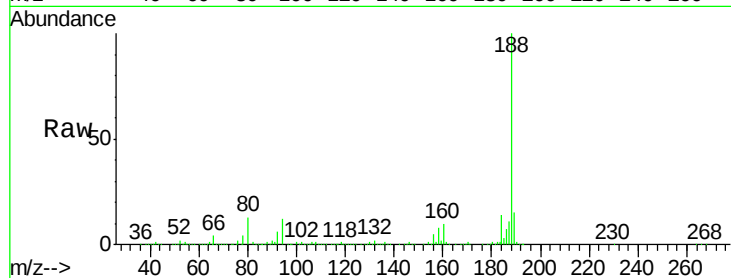
Tgt Ion:188 Resp: 487603

Ion Ratio Lower Upper

188 100

94 11.7 9.8 14.8

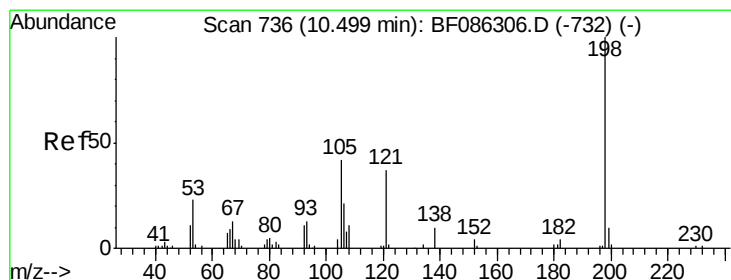
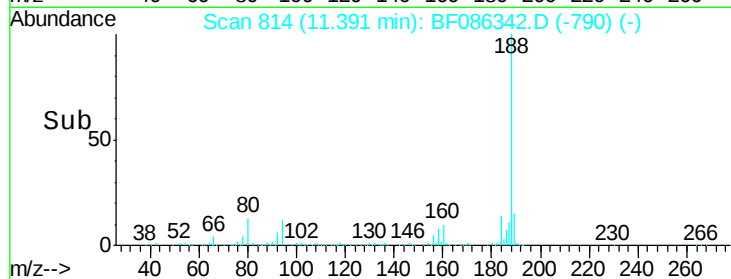
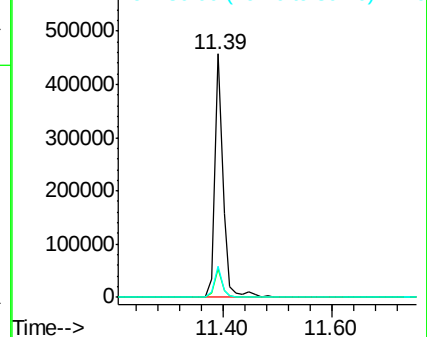
80 12.8 10.5 15.7



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 8.03 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF086342.D

Acq: 21 Apr 2016 7:11

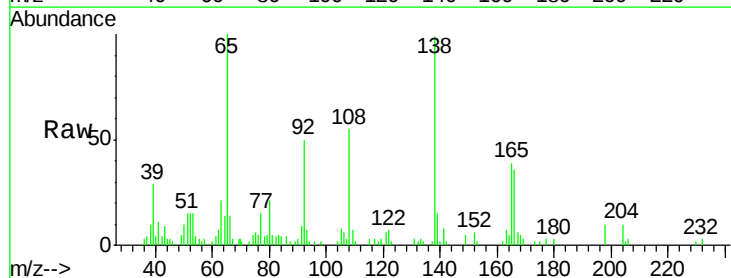
Tgt Ion:198 Resp: 3464

Ion Ratio Lower Upper

198 100

51 141.0 56.5 96.5#

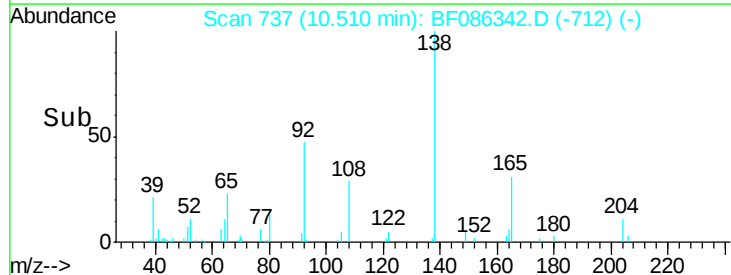
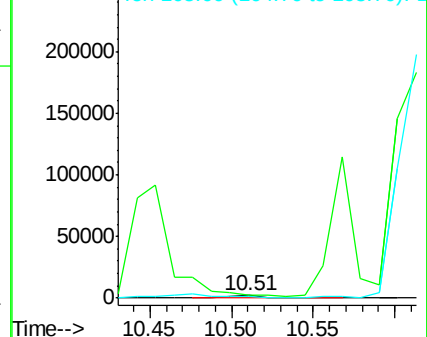
105 80.5 48.0 88.0

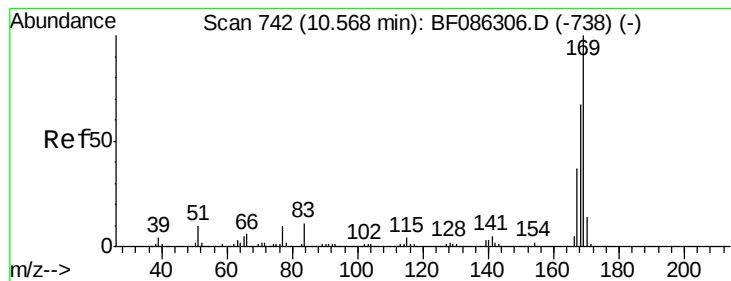


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 46.54 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF086342.D

Acq: 21 Apr 2016 7:11

Instrument :

BNA_F

ClientSampleId :

B-931WB(N)(19)MS

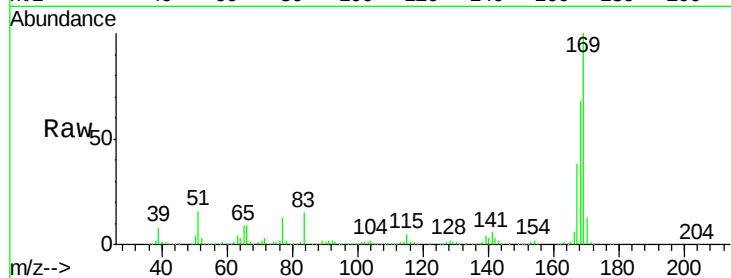
Tgt Ion:169 Resp: 747604

Ion Ratio Lower Upper

169 100

168 67.7 54.3 81.5

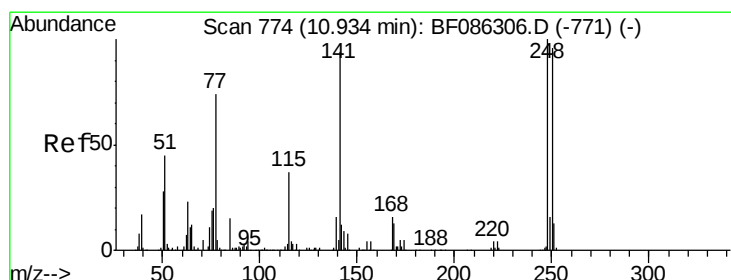
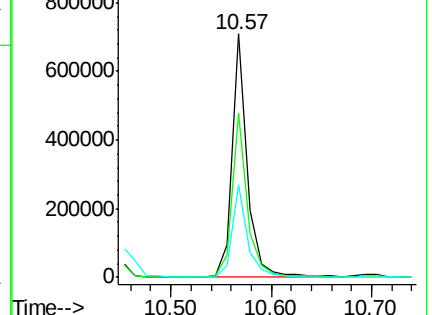
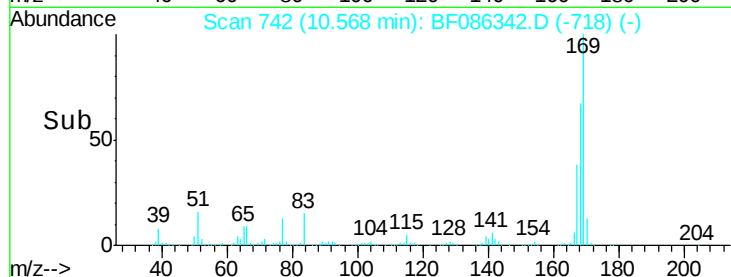
167 38.0 30.2 45.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.59 ng

RT: 10.94 min Scan# 775

Delta R.T. -0.02 min

Lab File: BF086342.D

Acq: 21 Apr 2016 7:11

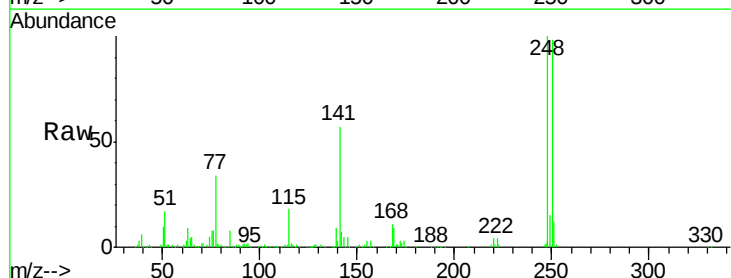
Tgt Ion:248 Resp: 223149

Ion Ratio Lower Upper

248 100

250 98.3 78.6 118.0

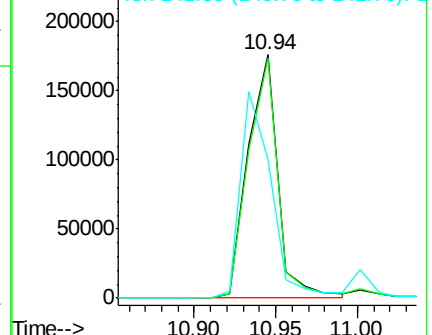
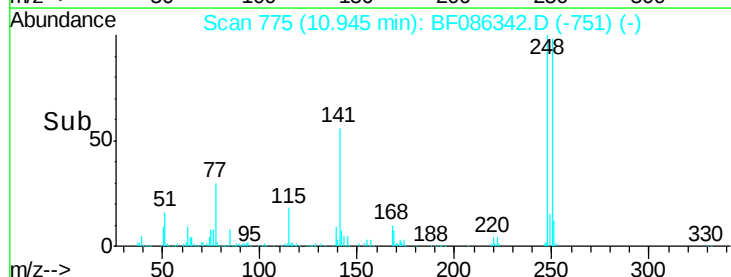
141 56.7 57.9 86.9#

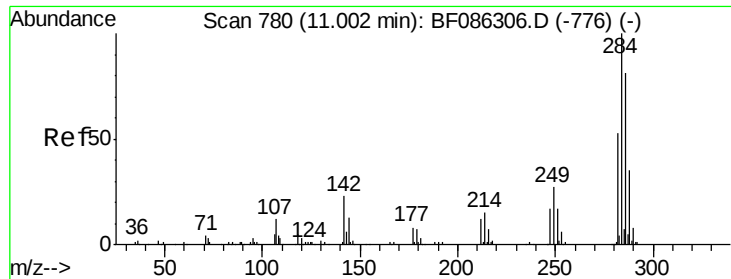


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 44.11 ng

RT: 11.00 min Scan# 780

Delta R.T. -0.02 min

Lab File: BF086342.D

Acq: 21 Apr 2016 7:11

Instrument :

BNA_F

ClientSampleId :

B-931WB(N)(19)MS

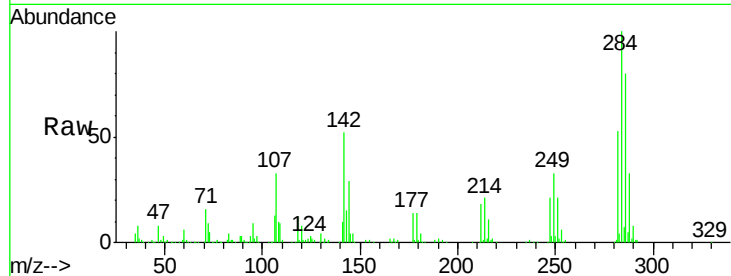
Tgt Ion:284 Resp: 231944

Ion Ratio Lower Upper

284 100

142 51.5 42.6 64.0

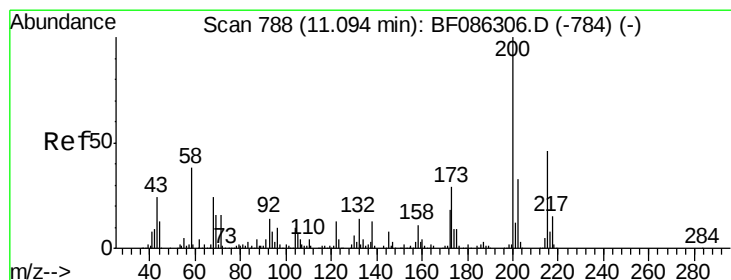
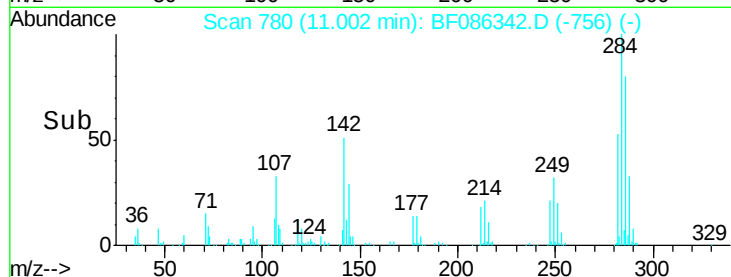
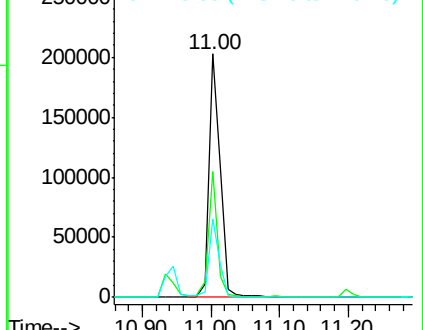
249 32.5 25.9 38.9



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 35.78 ng

RT: 11.09 min Scan# 788

Delta R.T. -0.02 min

Lab File: BF086342.D

Acq: 21 Apr 2016 7:11

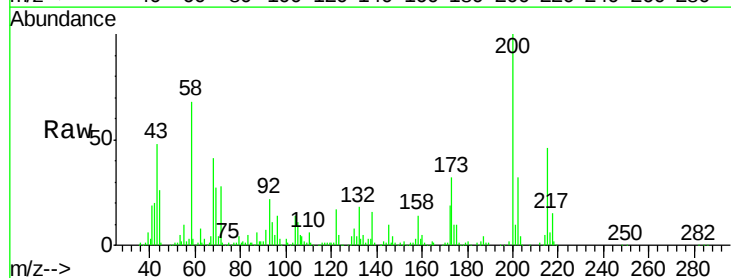
Tgt Ion:200 Resp: 176649

Ion Ratio Lower Upper

200 100

173 32.0 11.2 51.2

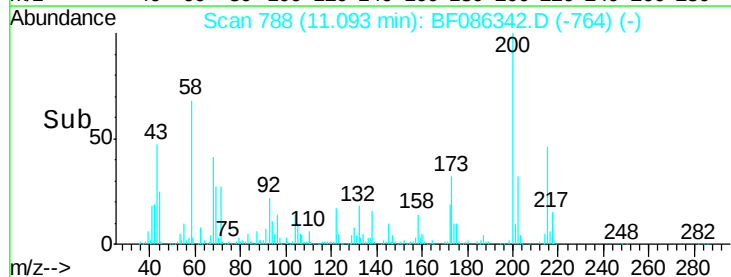
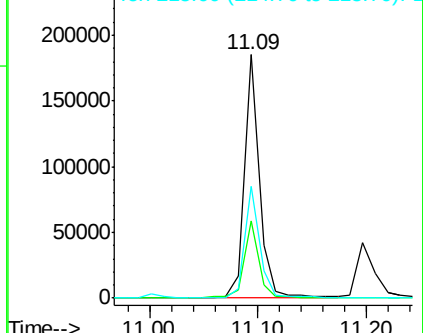
215 45.8 24.0 64.0

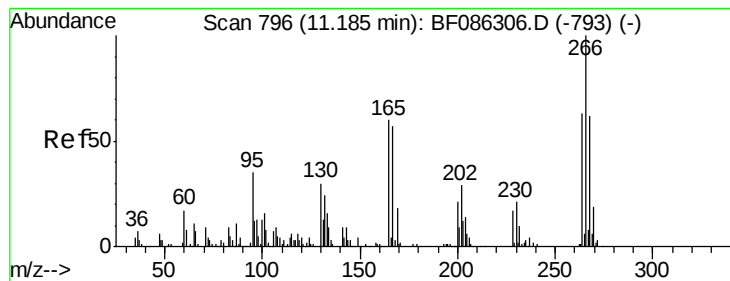


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 92.42 ng

RT: 11.20 min Scan# 797

Delta R.T. -0.02 min

Lab File: BF086342.D

Acq: 21 Apr 2016 7:11

Instrument :

BNA_F

ClientSampleId :

B-931WB(N)(19)MS

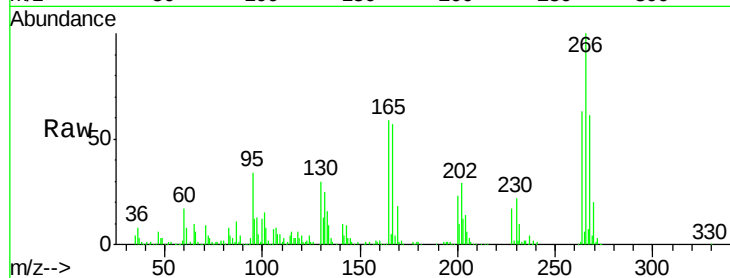
Tgt Ion:266 Resp: 254574

Ion Ratio Lower Upper

266 100

268 60.6 53.0 79.4

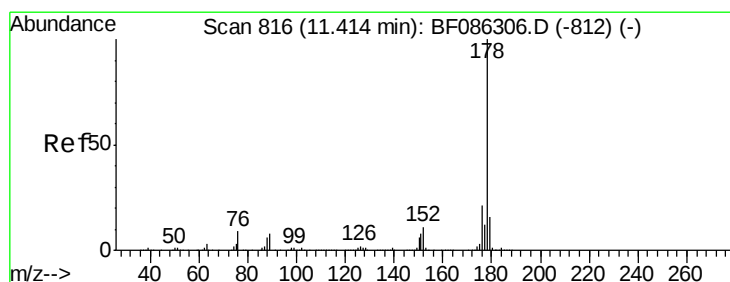
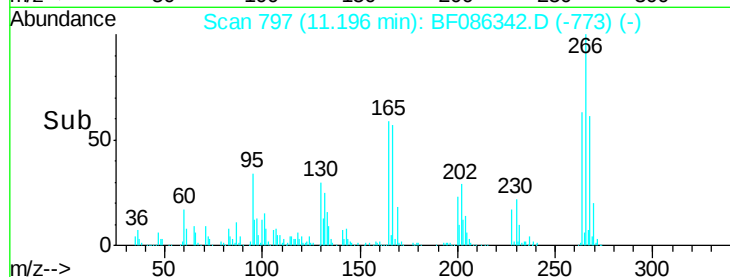
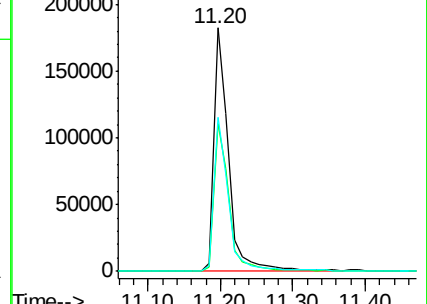
264 63.0 51.3 76.9



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: 48.84 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.02 min

Lab File: BF086342.D

Acq: 21 Apr 2016 7:11

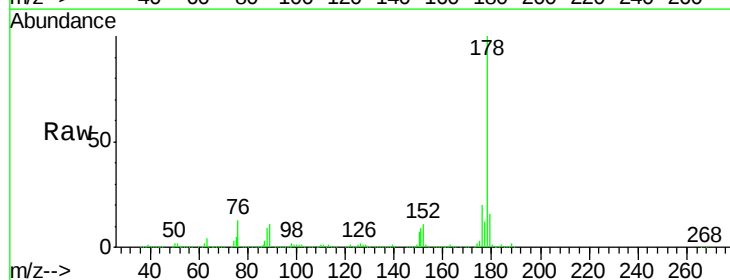
Tgt Ion:178 Resp: 1128612

Ion Ratio Lower Upper

178 100

176 20.1 16.3 24.5

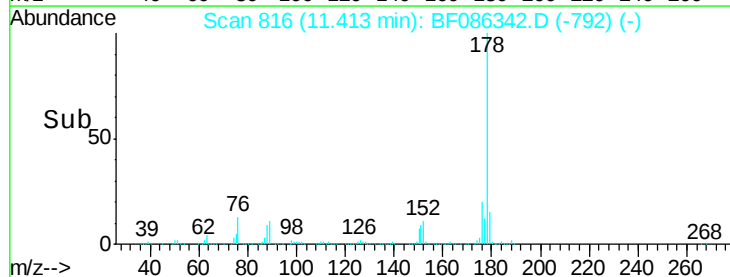
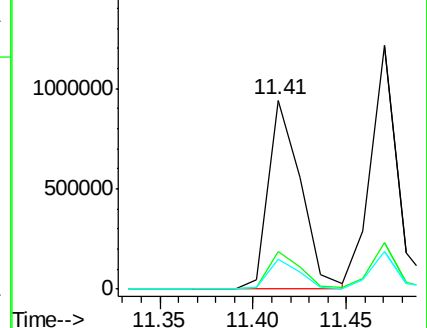
179 15.9 13.0 19.6

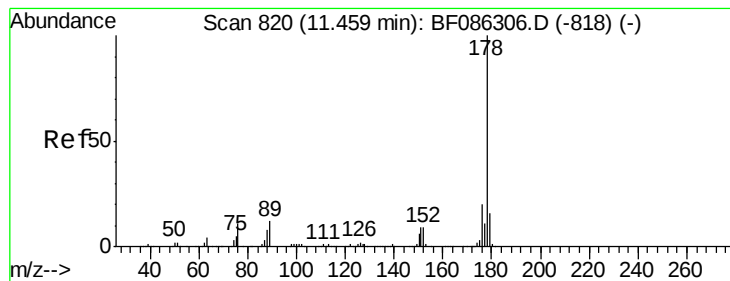


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 51.38 ng

RT: 11.47 min Scan# 821

Delta R.T. -0.02 min

Lab File: BF086342.D

Acq: 21 Apr 2016 7:11

Instrument :

BNA_F

ClientSampleId :

B-931WB(N)(19)MS

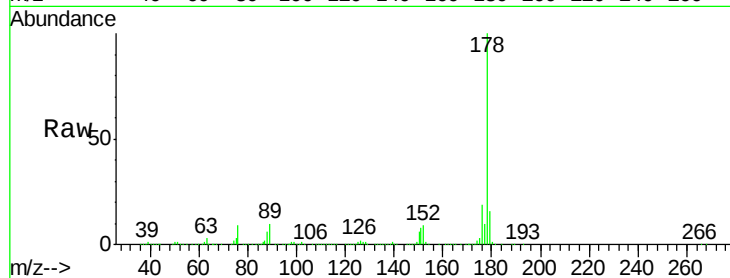
Tgt Ion:178 Resp: 1271523

Ion Ratio Lower Upper

178 100

176 19.2 16.2 24.4

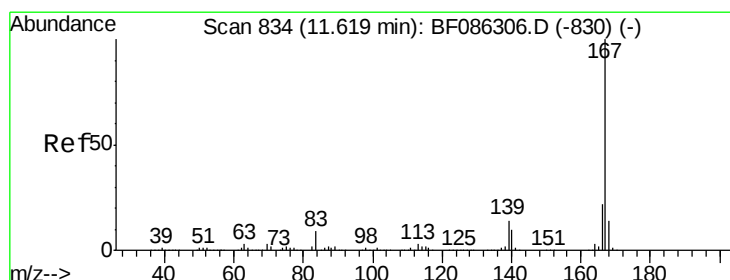
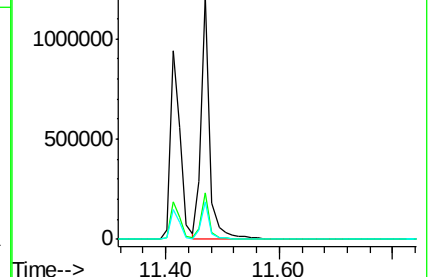
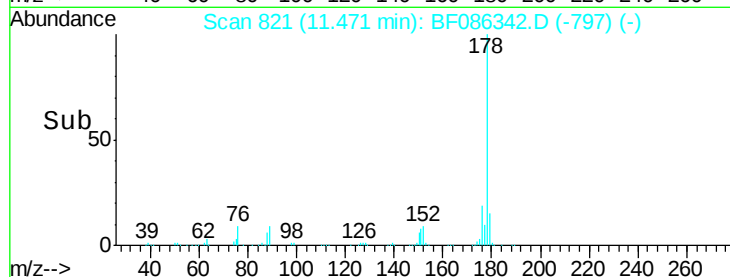
179 15.6 13.2 19.8



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



#72

Carbazole

Concen: 51.85 ng

RT: 11.63 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF086342.D

Acq: 21 Apr 2016 7:11

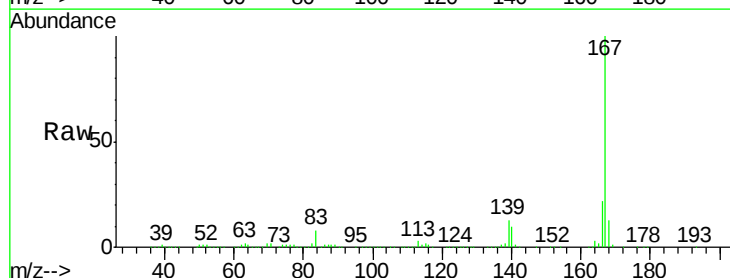
Tgt Ion:167 Resp: 1214193

Ion Ratio Lower Upper

167 100

166 21.8 18.3 27.5

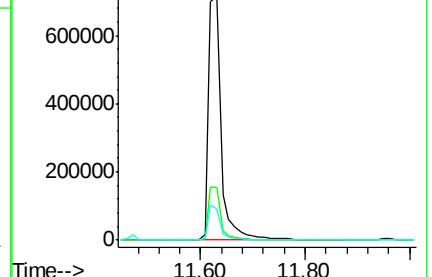
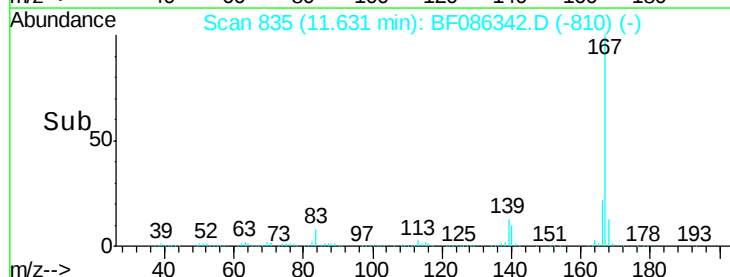
139 13.0 12.3 18.5

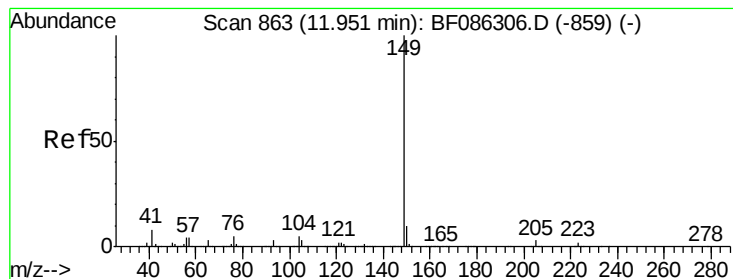


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 48.18 ng

RT: 11.95 min Scan# 863

Delta R.T. -0.03 min

Lab File: BF086342.D

Acq: 21 Apr 2016 7:11

Instrument :

BNA_F

ClientSampleId :

B-931WB(N)(19)MS

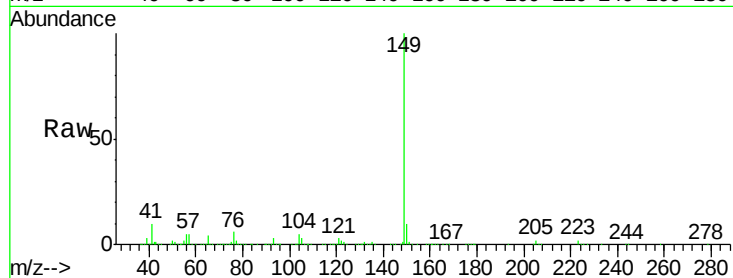
Tgt Ion:149 Resp: 1452683

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.8

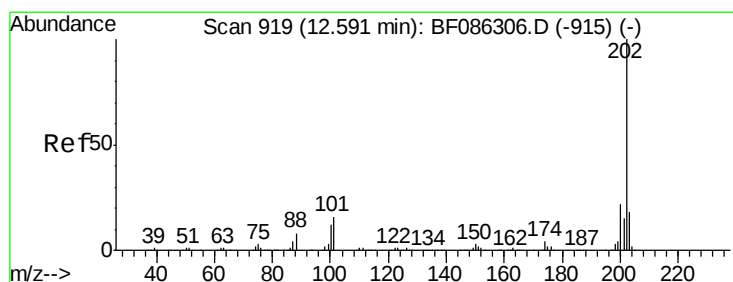
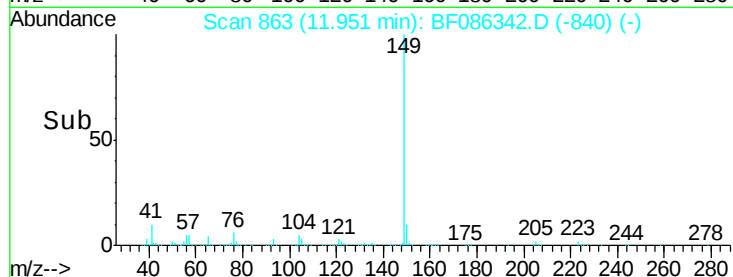
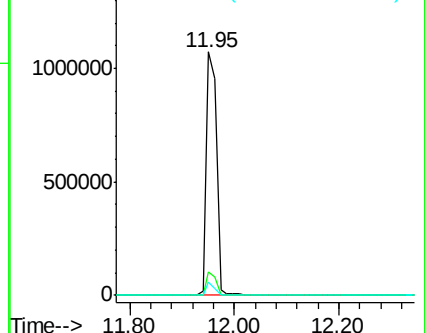
104 5.3 4.1 6.1



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: 56.15 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.02 min

Lab File: BF086342.D

Acq: 21 Apr 2016 7:11

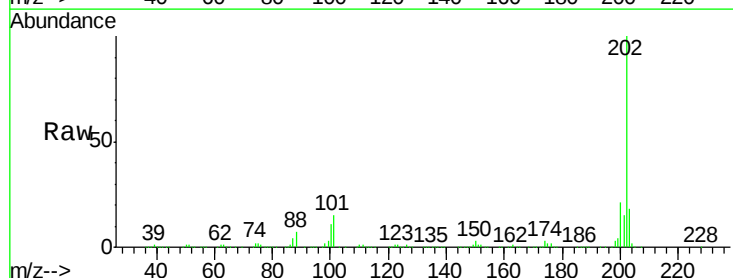
Tgt Ion:202 Resp: 1202944

Ion Ratio Lower Upper

202 100

101 14.7 0.0 35.2

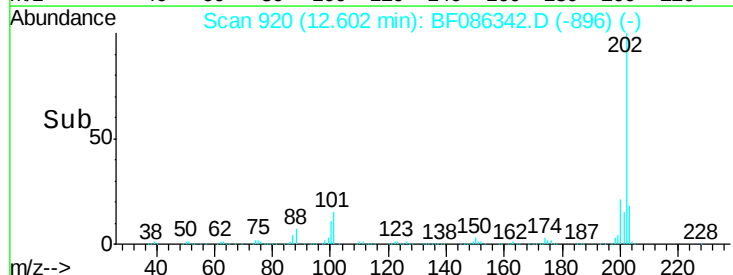
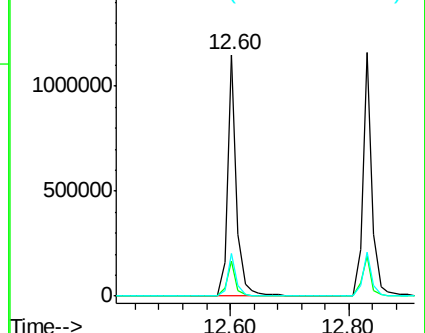
203 17.8 0.0 38.2

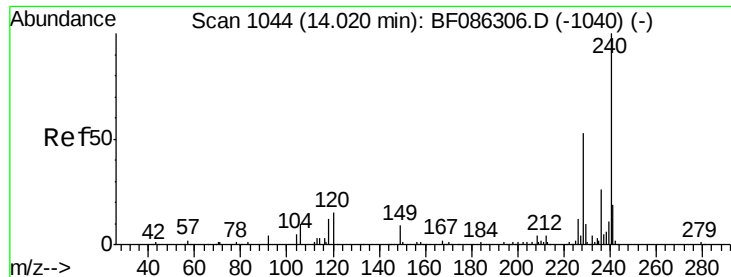


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.03 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BF086342.D

Acq: 21 Apr 2016 7:11

Instrument :

BNA_F

ClientSampleId :

B-931WB(N)(19)MS

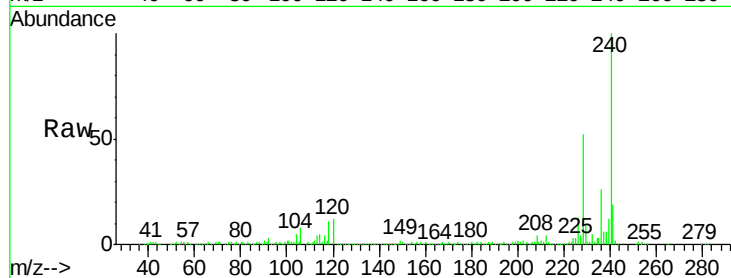
Tgt Ion:240 Resp: 334591

Ion Ratio Lower Upper

240 100

120 12.1 9.3 13.9

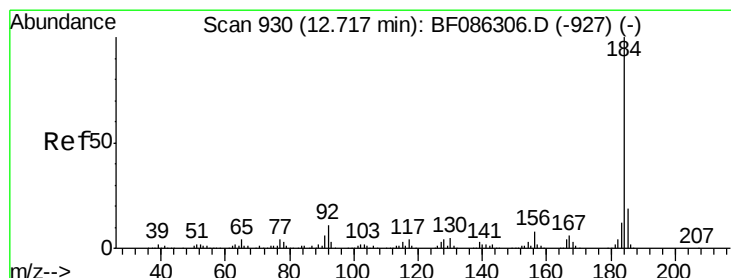
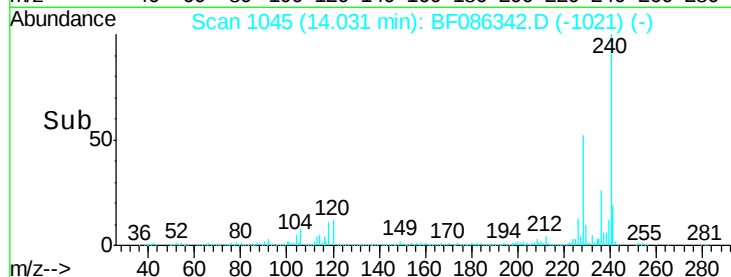
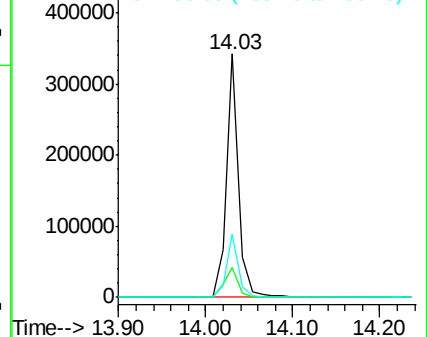
236 25.9 21.1 31.7



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: 54.20 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.02 min

Lab File: BF086342.D

Acq: 21 Apr 2016 7:11

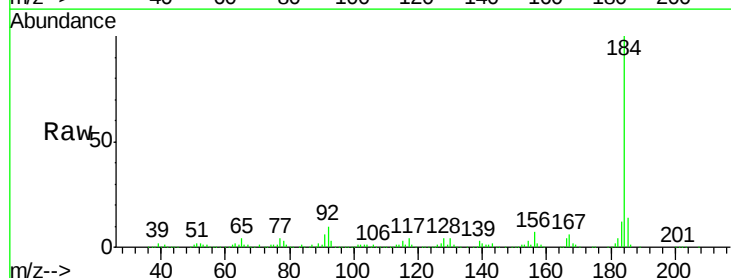
Tgt Ion:184 Resp: 800529

Ion Ratio Lower Upper

184 100

185 14.4 14.2 21.2

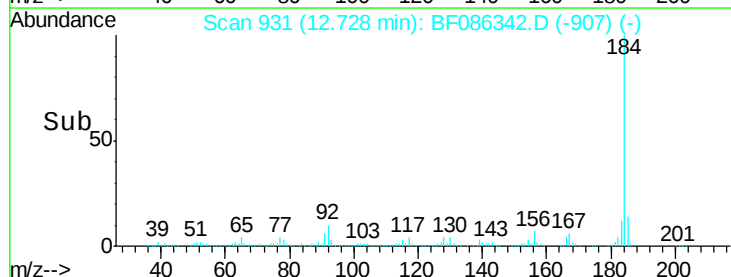
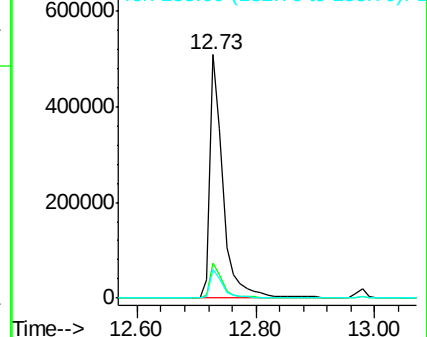
183 11.8 9.8 14.6

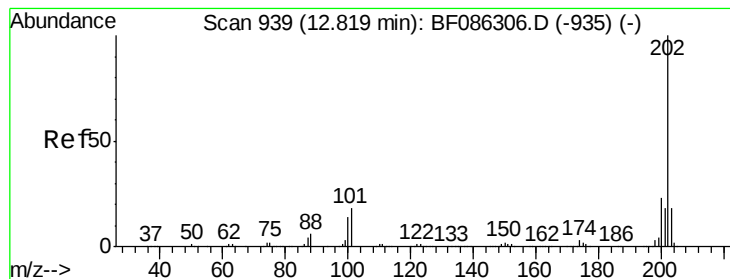


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 49.11 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.02 min

Lab File: BF086342.D

Acq: 21 Apr 2016 7:11

Instrument :

BNA_F

ClientSampleId :

B-931WB(N)(19)MS

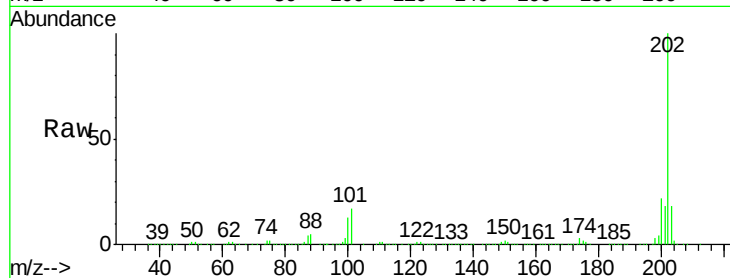
Tgt Ion:202 Resp: 1218904

Ion Ratio Lower Upper

202 100

200 22.3 18.3 27.5

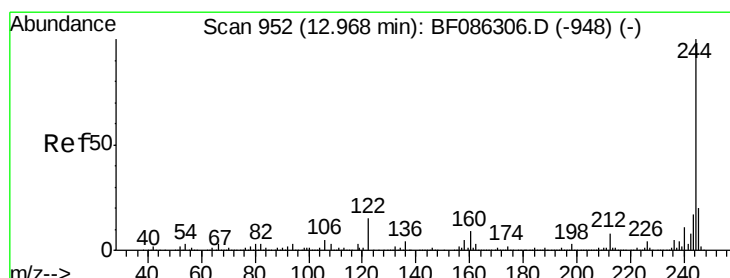
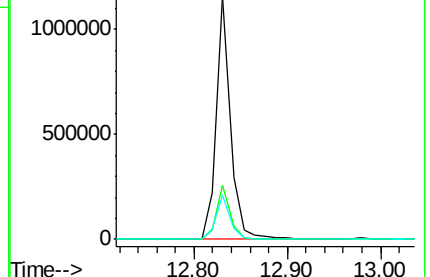
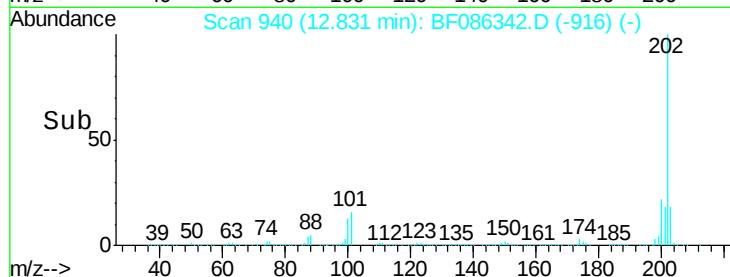
203 17.9 14.9 22.3



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: 99.38 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF086342.D

Acq: 21 Apr 2016 7:11

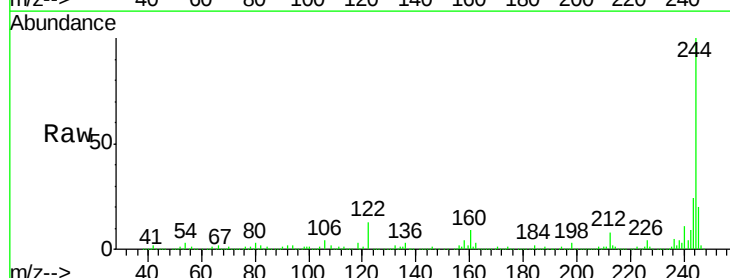
Tgt Ion:244 Resp: 1396897

Ion Ratio Lower Upper

244 100

212 7.6 6.4 9.6

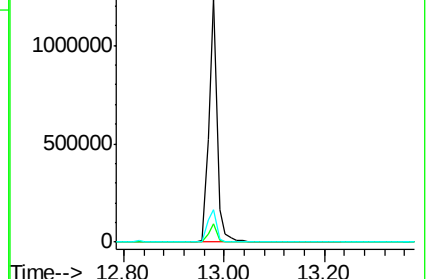
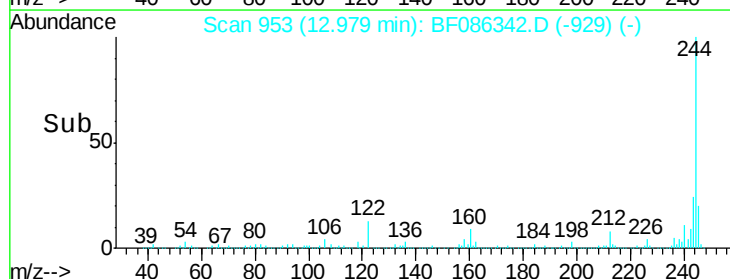
122 13.5 11.7 17.5

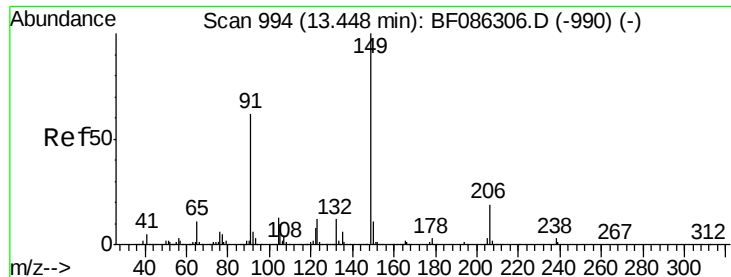


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 48.64 ng

RT: 13.45 min Scan# 994

Delta R.T. -0.03 min

Lab File: BF086342.D

Acq: 21 Apr 2016 7:11

Instrument :

BNA_F

ClientSampleId :

B-931WB(N)(19)MS

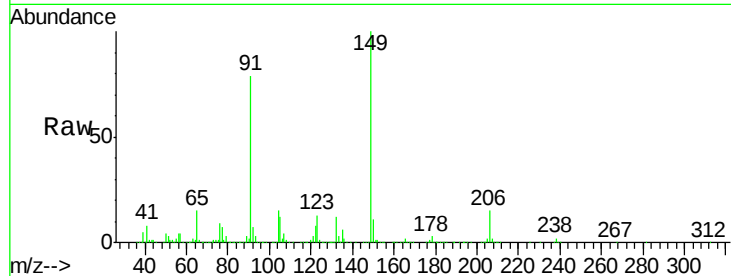
Tgt Ion:149 Resp: 637271

Ion Ratio Lower Upper

149 100

91 78.7 48.7 73.1#

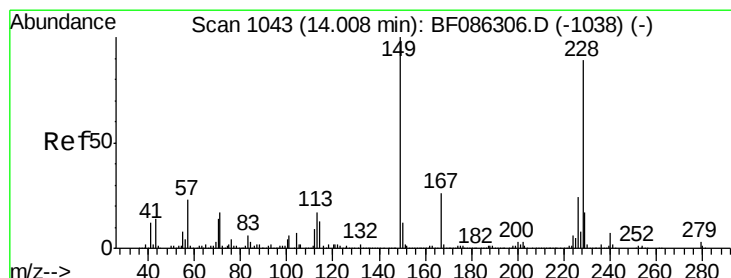
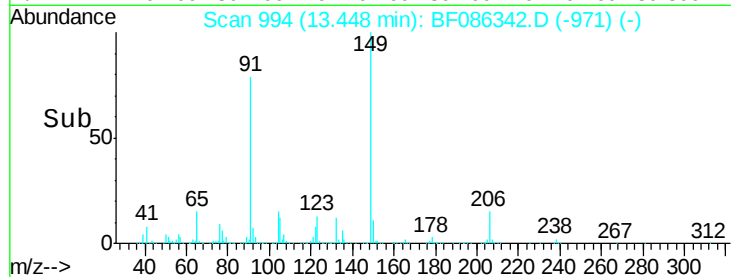
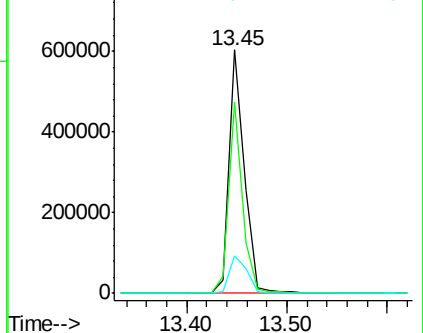
206 15.2 15.7 23.5#



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: 51.09 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.02 min

Lab File: BF086342.D

Acq: 21 Apr 2016 7:11

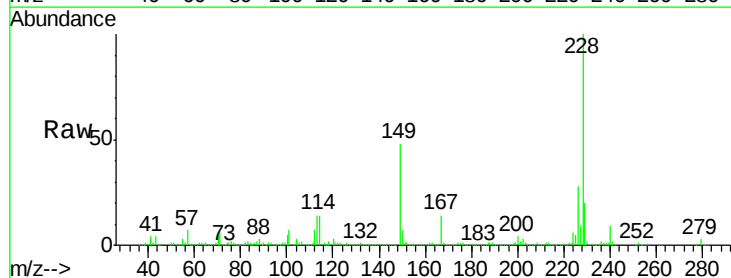
Tgt Ion:228 Resp: 900392

Ion Ratio Lower Upper

228 100

226 28.1 22.5 33.7

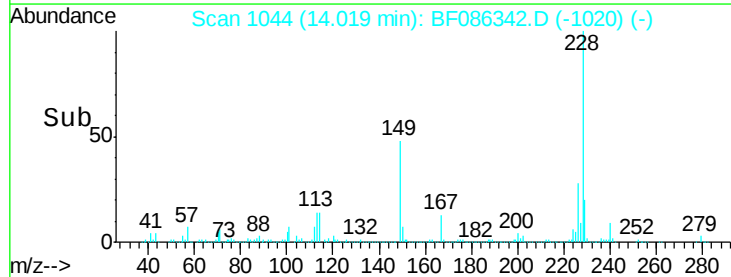
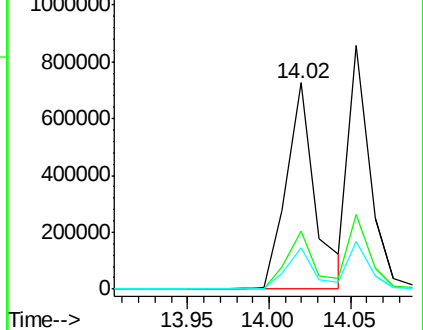
229 19.8 16.2 24.2

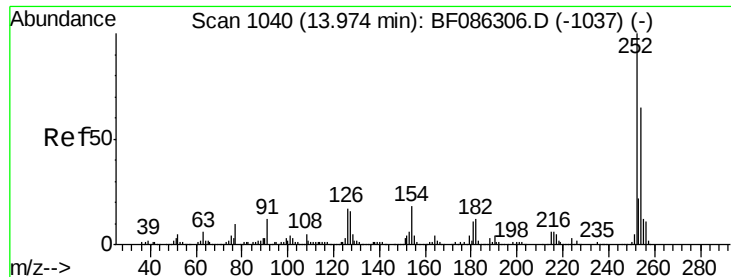


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

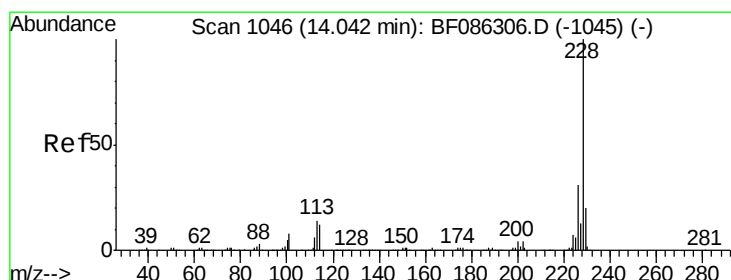
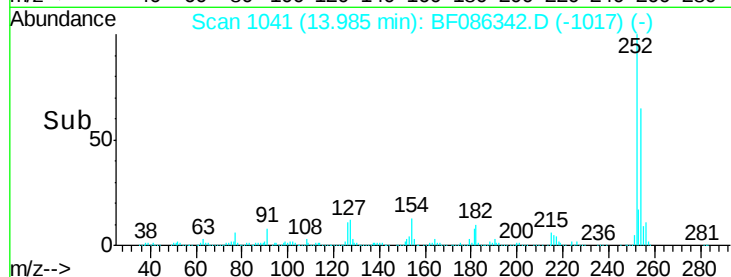
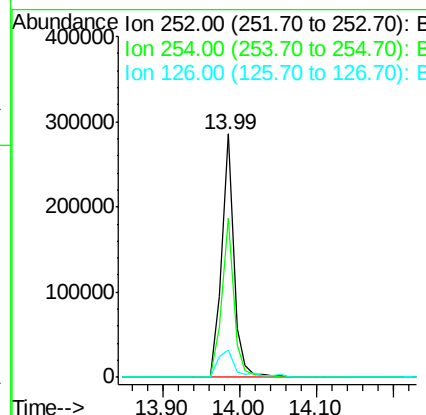
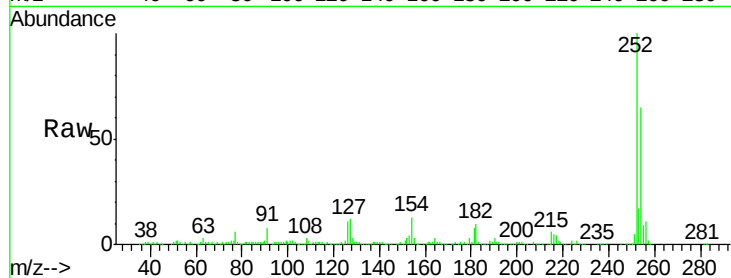




#81
 3,3'-Dichlorobenzidine
 Concen: 26.35 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.02 min
 Lab File: BF086342.D
 Acq: 21 Apr 2016 7:11

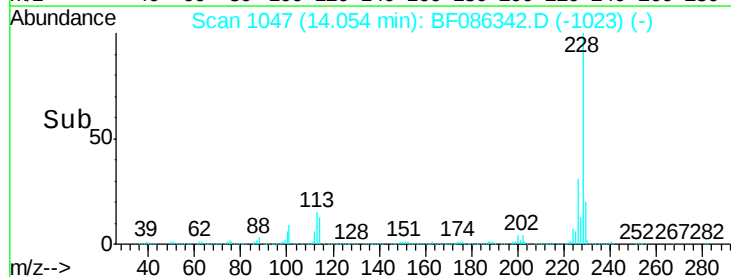
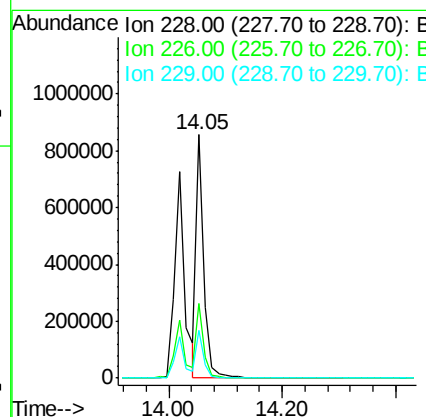
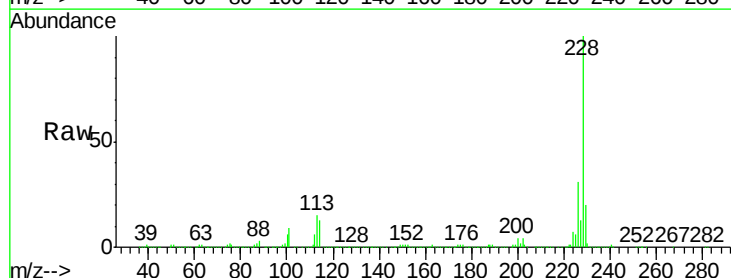
Instrument :
 BNA_F
 ClientSampleId :
 B-931WB(N)(19)MS

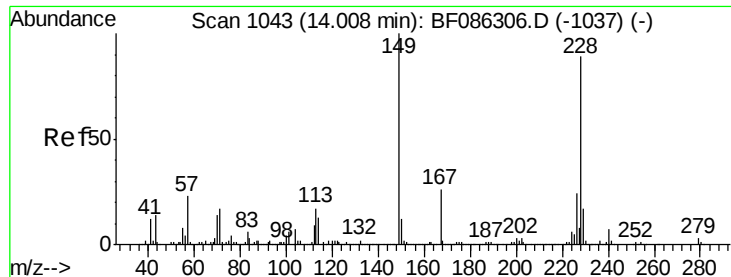
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.4	52.1	78.1
126	11.4	13.2	19.8#



#82
 Chrysene
 Concen: 42.90 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.02 min
 Lab File: BF086342.D
 Acq: 21 Apr 2016 7:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.4	38.2
229	19.6	16.5	24.7

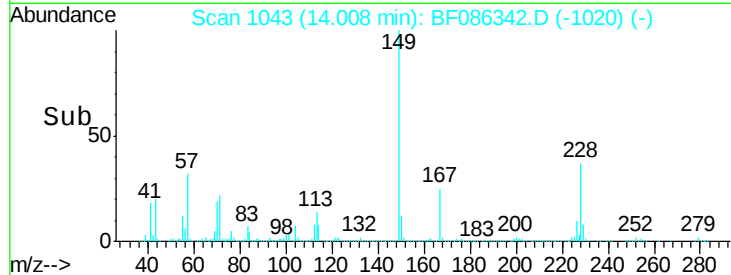
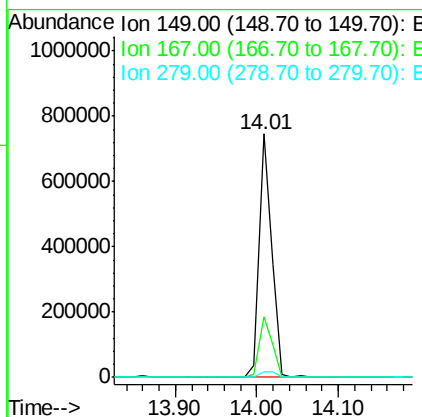
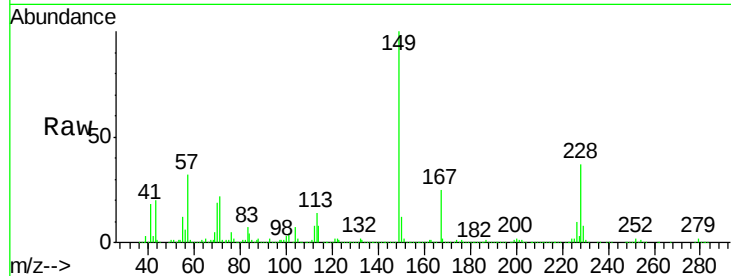




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.32 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.03 min
 Lab File: BF086342.D
 Acq: 21 Apr 2016 7:11

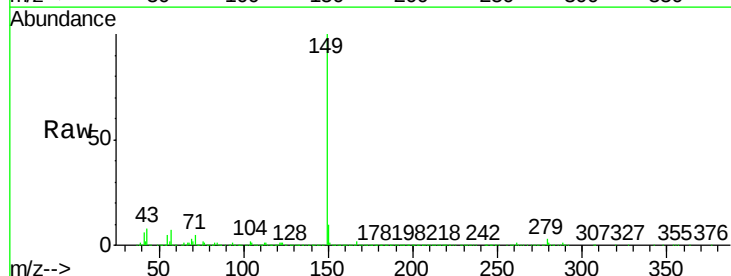
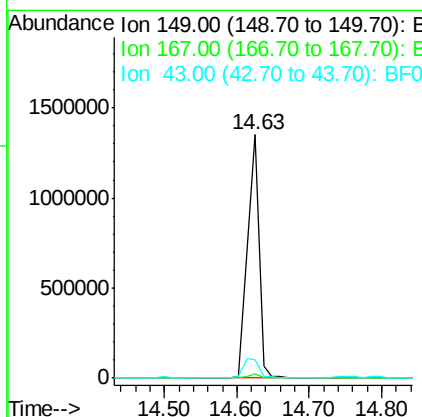
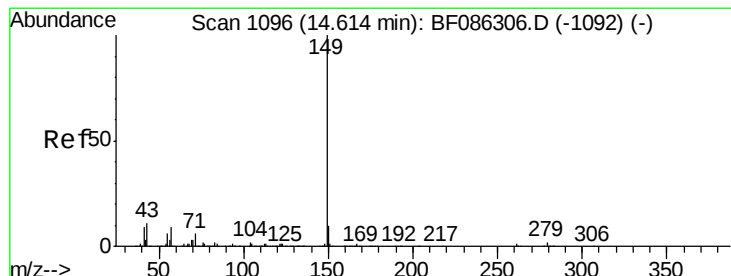
Instrument :
 BNA_F
 ClientSampleId :
 B-931WB(N)(19)MS

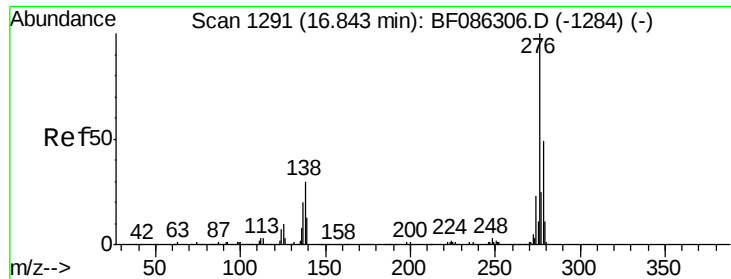
Tgt Ion:149 Resp: 787439
 Ion Ratio Lower Upper
 149 100
 167 25.0 21.0 31.4
 279 2.0 2.4 3.6#



#84
 Di-n-octyl phthalate
 Concen: 54.31 ng
 RT: 14.63 min Scan# 1097
 Delta R.T. -0.02 min
 Lab File: BF086342.D
 Acq: 21 Apr 2016 7:11

Tgt Ion:149 Resp: 1501844
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.1 1.7
 43 9.9 9.1 13.7

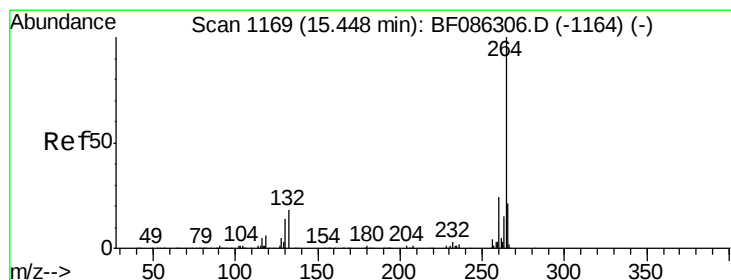
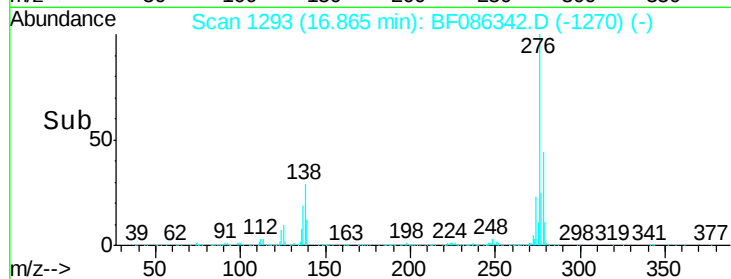
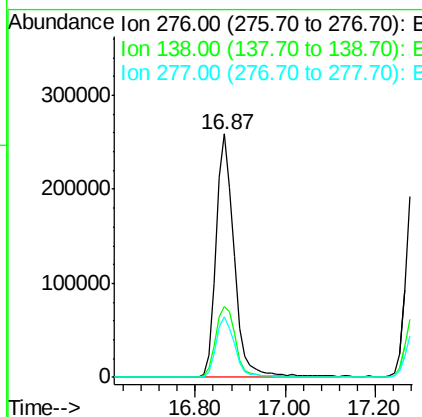
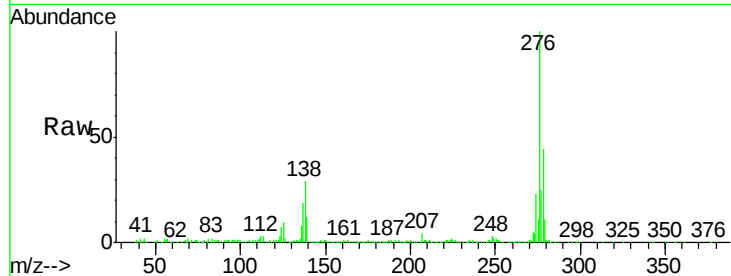




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.25 ng
 RT: 16.87 min Scan# 1293
 Delta R.T. -0.03 min
 Lab File: BF086342.D
 Acq: 21 Apr 2016 7:11

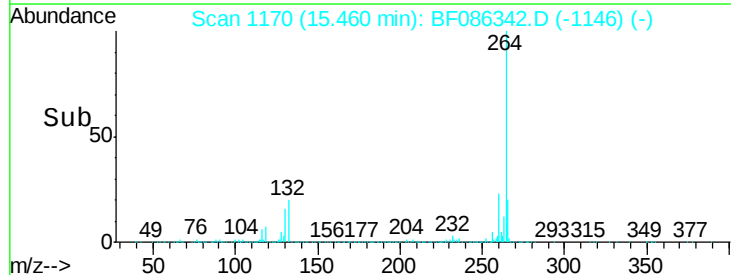
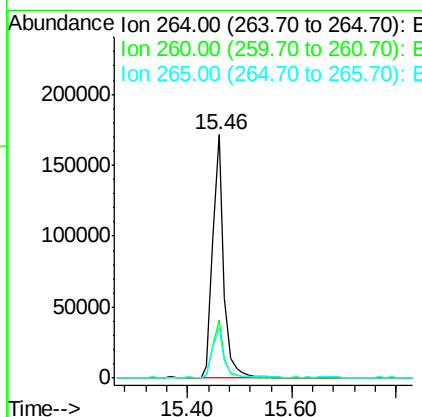
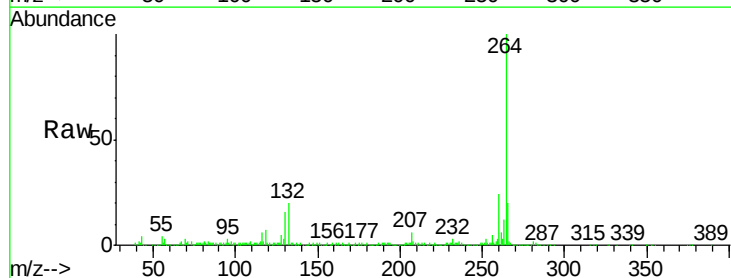
Instrument :
 BNA_F
 ClientSampleId :
 B-931WB(N)(19)MS

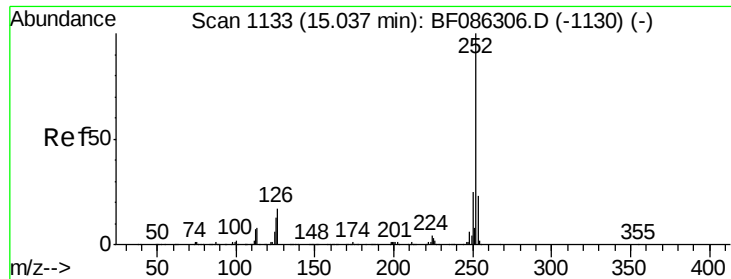
Tgt Ion: 276 Resp: 729779
 Ion Ratio Lower Upper
 276 100
 138 31.7 23.8 35.6
 277 25.8 20.2 30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 1170
 Delta R.T. -0.02 min
 Lab File: BF086342.D
 Acq: 21 Apr 2016 7:11

Tgt Ion: 264 Resp: 253447
 Ion Ratio Lower Upper
 264 100
 260 23.6 20.0 30.0
 265 20.5 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 99.20 ng

RT: 15.05 min Scan# 1134

Delta R.T. -0.02 min

Lab File: BF086342.D

Acq: 21 Apr 2016 7:11

Instrument :

BNA_F

ClientSampleId :

B-931WB(N)(19)MS

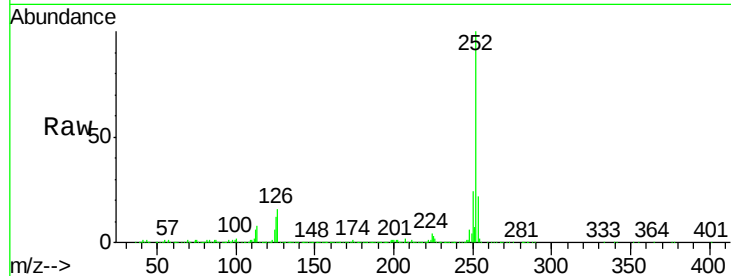
Tgt Ion:252 Resp: 1454227

Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

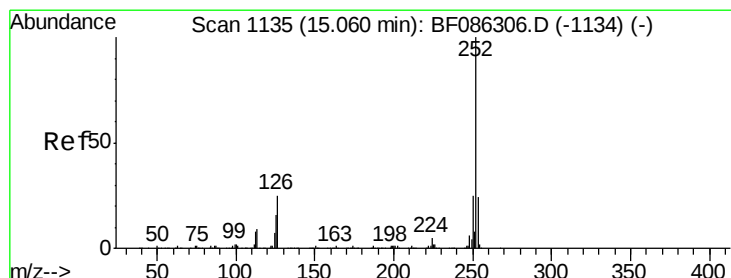
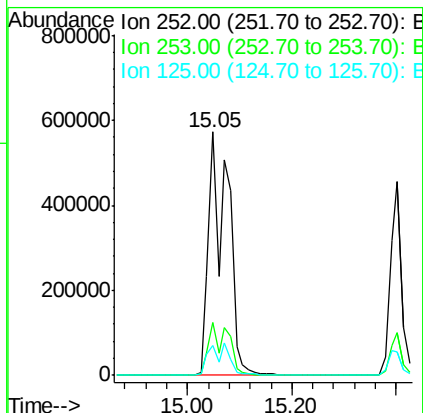
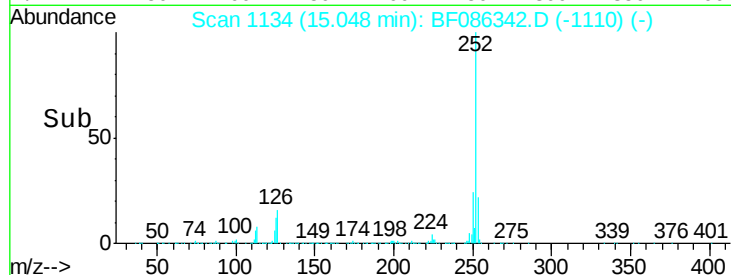
125 12.3 10.3 15.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 117.91 ng

RT: 15.05 min Scan# 1134

Delta R.T. -0.06 min

Lab File: BF086342.D

Acq: 21 Apr 2016 7:11

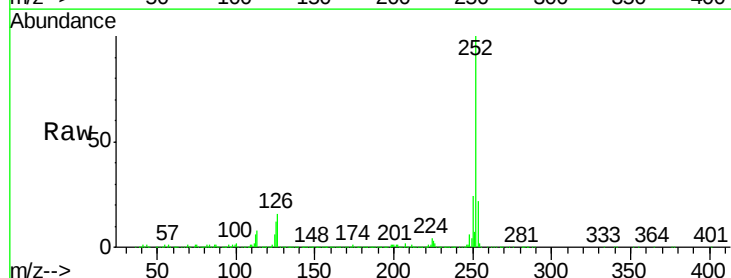
Tgt Ion:252 Resp: 1455086

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

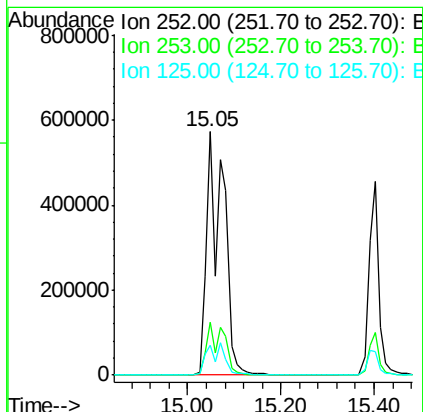
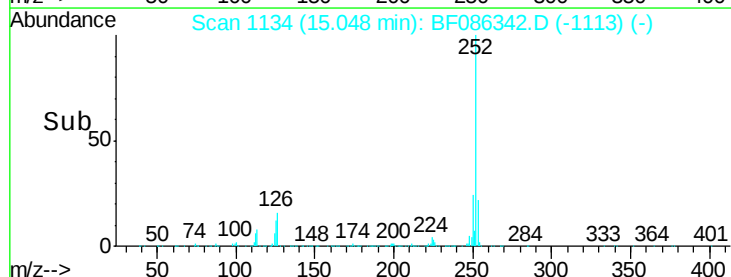
125 12.3 7.8 11.6#

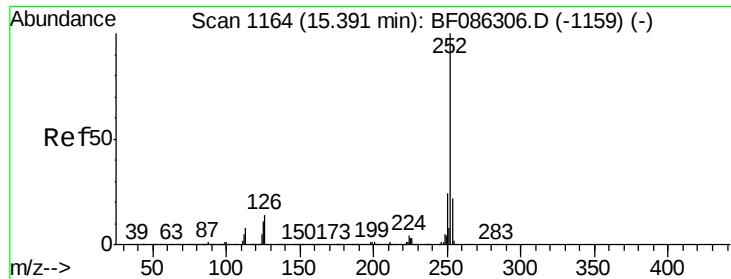


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 50.12 ng

RT: 15.40 min Scan# 1165

Delta R.T. -0.02 min

Lab File: BF086342.D

Acq: 21 Apr 2016 7:11

Instrument :

BNA_F

ClientSampleId :

B-931WB(N)(19)MS

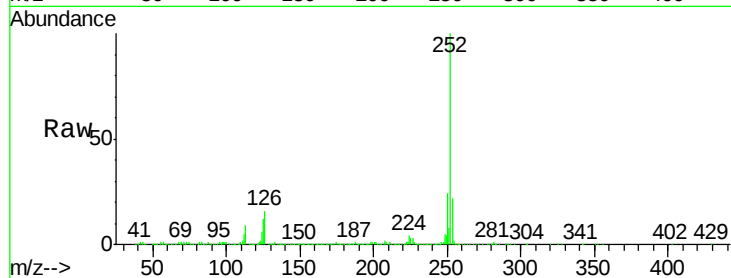
Tgt Ion: 252 Resp: 677190

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

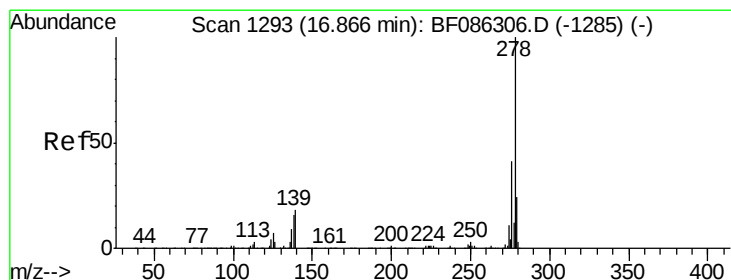
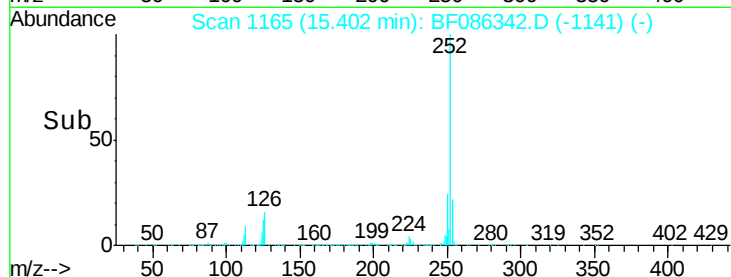
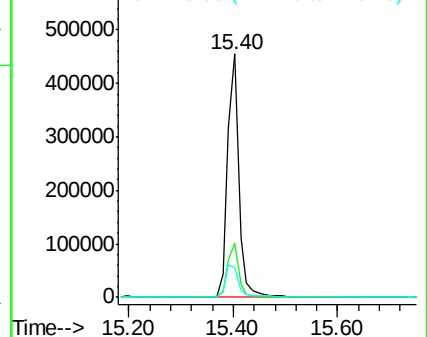
125 12.0 11.2 16.8



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: 52.54 ng

RT: 16.89 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BF086342.D

Acq: 21 Apr 2016 7:11

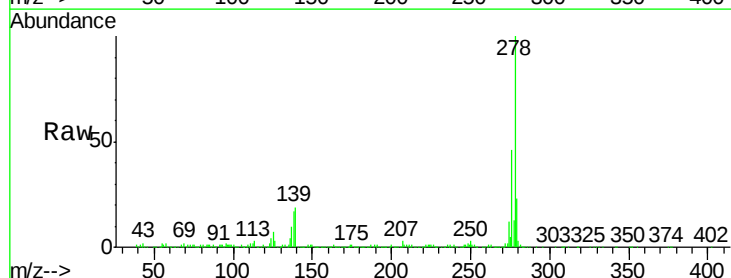
Tgt Ion: 278 Resp: 619679

Ion Ratio Lower Upper

278 100

139 18.6 15.3 22.9

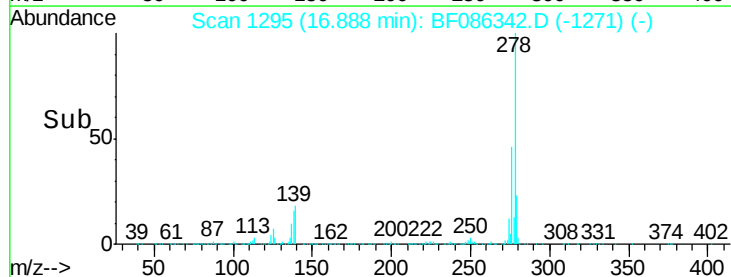
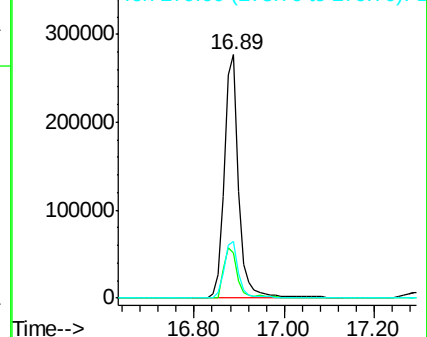
279 23.4 19.1 28.7

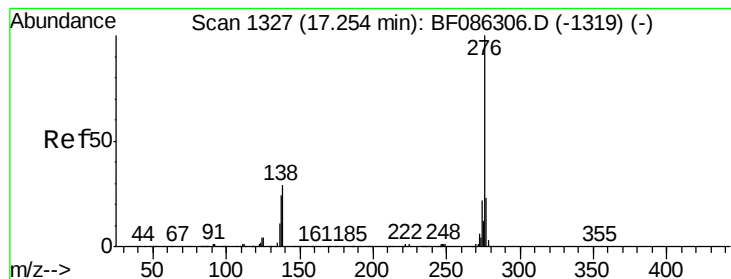


Abundance Ion 278.00 (277.70 to 278.70): E

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: 52.72 ng

RT: 17.29 min Scan# 1330

Delta R.T. -0.03 min

Lab File: BF086342.D

Acq: 21 Apr 2016 7:11

Instrument :

BNA_F

ClientSampleId :

B-931WB(N)(19)MS

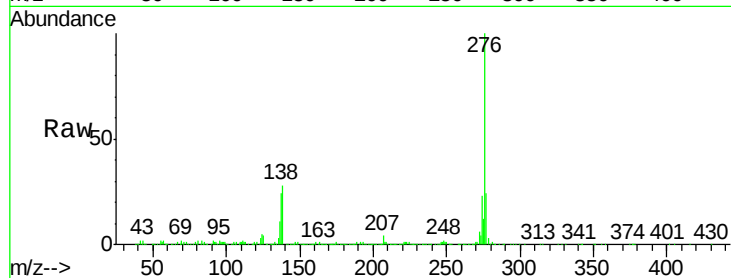
Tgt Ion: 276 Resp: 596121

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.6

138 27.5 19.6 29.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

