

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032917\
 Data File : BM009434.D
 Acq On : 29 Mar 2017 16:10
 Operator : SJ/MA
 Sample : PB97904BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB97904BS

Quant Time: Mar 30 00:58:53 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 16:43:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	108240	20.00	ng	-0.01
21) Naphthalene-d8	10.65	136	411988	20.00	ng	-0.01
38) Acenaphthene-d10	14.50	164	233555	20.00	ng	0.00
63) Phenanthrene-d10	17.24	188	526249	20.00	ng	0.00
75) Chrysene-d12	21.42	240	639878	20.00	ng	0.00
86) Perylene-d12	23.74	264	600570	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	905640	139.46	ng	0.00
7) Phenol-d6	7.01	99	1240100	140.04	ng	-0.01
23) Nitrobenzene-d5	9.02	82	905175	82.38	ng	-0.01
41) 2,4,6-Tribromophenol	15.99	330	420574	144.95	ng	-0.01
44) 2-Fluorobiphenyl	13.11	172	1702578	87.84	ng	-0.01
78) Terphenyl-d14	19.86	244	2329409	76.07	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.36	88	115960	35.51	ng	# 100
3) Pyridine	3.75	79	345297	37.42	ng	# 80
4) n-Nitrosodimethylamine	3.67	42	223216	45.44	ng	# 66
6) Aniline	7.19	93	297240	24.70	ng	# 97
8) 2-Chlorophenol	7.42	128	311828	47.36	ng	# 81
9) Benzaldehyde	7.00	77	80975	11.62	ng	# 81
10) Phenol	7.04	94	449450	46.84	ng	# 90
11) bis(2-Chloroethyl)ether	7.28	93	339732	43.20	ng	# 83
12) 1,3-Dichlorobenzene	7.74	146	338387	42.93	ng	# 91
13) 1,4-Dichlorobenzene	7.89	146	354240	43.49	ng	# 93
14) 1,2-Dichlorobenzene	8.20	146	334798	42.33	ng	# 93
15) Benzyl Alcohol	8.09	79	354379	45.77	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	8.38	45	559754	40.95	ng	# 96
17) 2-Methylphenol	8.29	107	286124	45.57	ng	# 85
18) Hexachloroethane	8.92	117	144542	43.38	ng	# 93
19) n-Nitroso-di-n-propylamine	8.66	70	313665	43.94	ng	# 91
20) 3+4-Methylphenols	8.61	107	374036	43.82	ng	# 88
22) Acetophenone	8.67	105	516357	44.44	ng	# 86
24) Nitrobenzene	9.06	77	470829	43.74	ng	# 90
25) Isophorone	9.57	82	751021	44.80	ng	# 90
26) 2-Nitrophenol	9.77	139	151412	46.63	ng	# 45
27) 2,4-Dimethylphenol	9.82	122	286169	48.18	ng	# 83
28) bis(2-Chloroethoxy)methane	10.06	93	454002	43.74	ng	# 98
29) 2,4-Dichlorophenol	10.29	162	292331	47.08	ng	# 91
30) 1,2,4-Trichlorobenzene	10.51	180	344594	44.73	ng	# 99
31) Naphthalene	10.70	128	943084	43.13	ng	# 99
32) Benzoic acid	9.93	122	164694	40.77	ng	# 81
33) 4-Chloroaniline	10.82	127	99925	11.85	ng	# 73
34) Hexachlorobutadiene	10.97	225	228489	43.31	ng	# 98
35) Caprolactam	11.59	113	83407	44.00	ng	# 78
36) 4-Chloro-3-methylphenol	11.93	107	325089	46.28	ng	# 76
37) 2-Methylnaphthalene	12.31	142	674358	44.68	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	12.68	216	390412	44.28	ng	# 100
40) Hexachlorocyclopentadiene	12.65	237	517976	102.35	ng	# 99

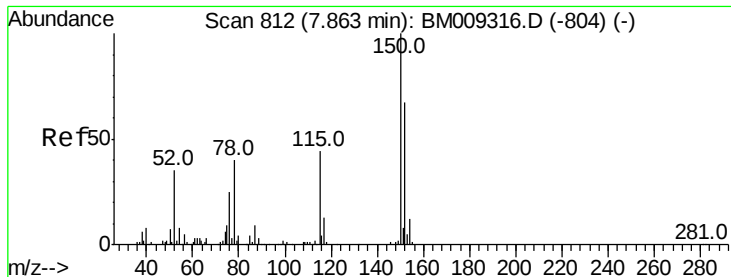
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.92	196	249293	49.44	nq	99
43) 2,4,5-Trichlorophenol	12.99	196	261810	46.54	nq	# 89
45) 1,1'-Biphenyl	13.33	154	890440	45.81	nq	95
46) 2-Chloronaphthalene	13.37	162	701730	46.48	nq	96
47) 2-Nitroaniline	13.58	65	256964	46.20	nq	# 72
48) Acenaphthylene	14.22	152	1102263	44.82	nq	99
49) Dimethylphthalate	13.95	163	848095	47.29	nq	# 99
50) 2,6-Dinitrotoluene	14.07	165	181532	46.98	nq	# 62
51) Acenaphthene	14.56	154	663332	44.71	nq	98
52) 3-Nitroaniline	14.41	138	80330	21.10	nq	# 49
53) 2,4-Dinitrophenol	14.62	184	193536	74.65	nq	87
54) Dibenzofuran	14.89	168	1081283	49.28	nq	95
55) 4-Nitrophenol	14.70	139	298214	94.77	nq	# 24
56) 2,4-Dinitrotoluene	14.86	165	253151	48.42	nq	98
57) Fluorene	15.54	166	868887	44.06	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.12	232	240458	50.54	nq	# 100
59) Diethylphthalate	15.32	149	849346	46.69	nq	98
60) 4-Chlorophenyl-phenylether	15.54	204	460465	44.71	nq	98
61) 4-Nitroaniline	15.57	138	176616	42.71	nq	# 26
62) Azobenzene	15.83	77	1103581	51.97	nq	85
64) 4,6-Dinitro-2-methylphenol	15.63	198	142927	43.11	nq	88
65) n-Nitrosodiphenylamine	15.76	169	757306	47.37	nq	98
66) 4-Bromophenyl-phenylether	16.43	248	278152	45.62	nq	# 89
67) Hexachlorobenzene	16.54	284	307988	46.08	nq	# 94
68) Atrazine	16.70	200	256818	42.72	nq	98
69) Pentachlorophenol	16.89	266	365271	89.47	nq	98
70) Phenanthrene	17.29	178	1351241	44.90	nq	99
71) Anthracene	17.37	178	1400037	45.95	nq	99
72) Carbazole	17.65	167	1213102	41.58	nq	98
73) Di-n-butylphthalate	18.20	149	1377311	46.21	nq	# 97
74) Fluoranthene	19.30	202	1570390	44.06	nq	99
76) Benzidine	19.49	184	478302	25.08	nq	99
77) Pyrene	19.66	202	1630461	44.93	nq	98
79) Butylbenzylphthalate	20.55	149	603715	46.20	nq	# 73
80) Benzo(a)anthracene	21.40	228	1682836	45.03	nq	98
81) 3,3'-Dichlorobenzidine	21.34	252	332662	23.77	nq	98
82) Chrysene	21.46	228	1515688	42.48	nq	99
83) Bis(2-ethylhexyl)phthalate	21.32	149	892096	45.74	nq	97
84) Di-n-octyl phthalate	22.21	149	1546077	47.64	nq	# 91
85) Indeno(1,2,3-cd)pyrene	26.11	276	1927257	49.52	nq	# 100
87) Benzo(b)fluoranthene	23.04	252	1728263	45.40	nq	# 95
88) Benzo(k)fluoranthene	23.09	252	1606634	43.88	nq	# 97
89) Benzo(a)pyrene	23.64	252	1611826	45.72	nq	98
90) Dibenzo(a,h)anthracene	26.13	278	1636874	47.40	nq	# 96
91) Benzo(g,h,i)perylene	26.84	276	1605990	47.70	nq	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

Instrument :

BNA_M

ClientSampleId :

PB97904BS

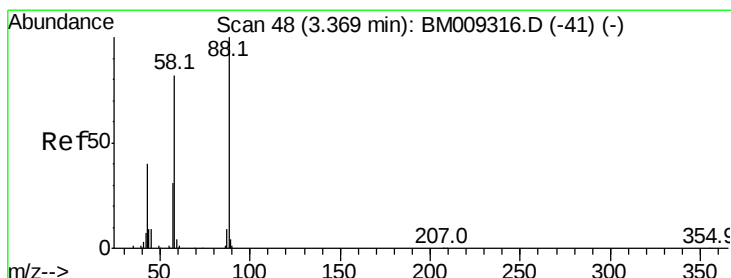
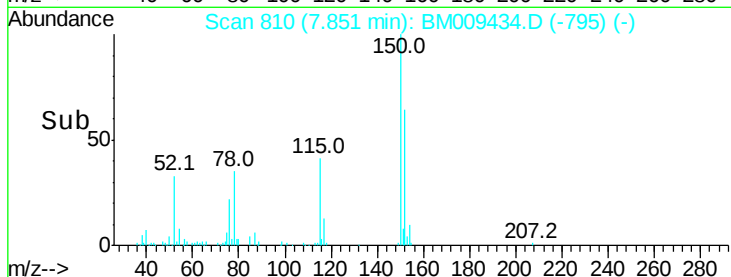
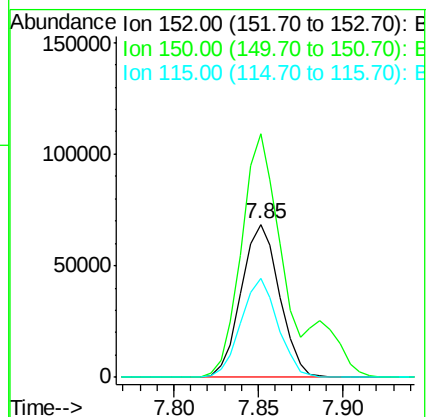
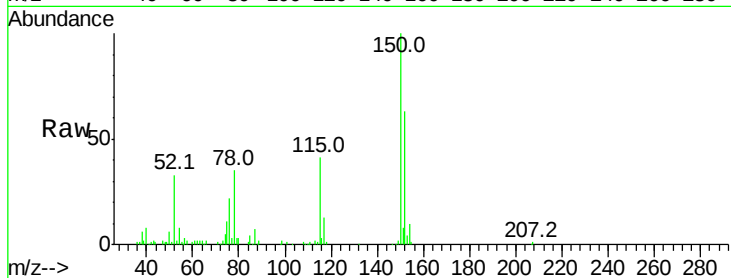
Tot Ion:152 Resp: 108240

Ion Ratio Lower Upper

152 100

150 159.0 119.5 179.3

115 64.7 43.0 64.4#



#2

1,4-Dioxane

Concen: 35.51 ng

RT: 3.36 min Scan# 46

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

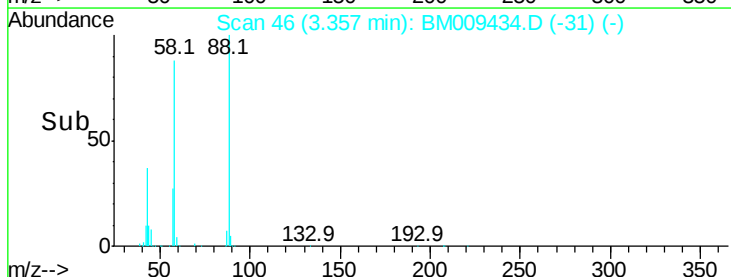
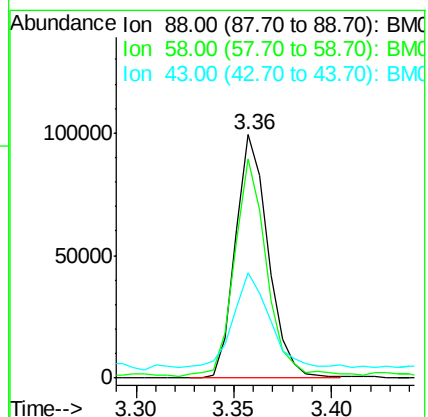
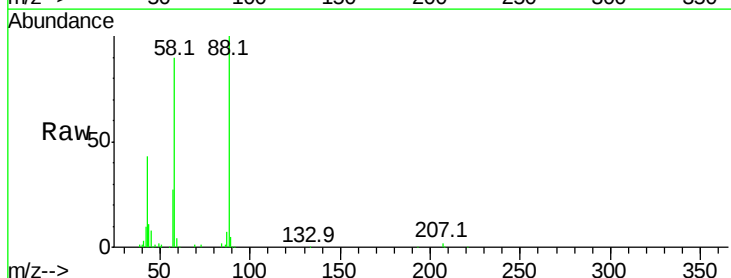
Tgt Ion: 88 Resp: 115960

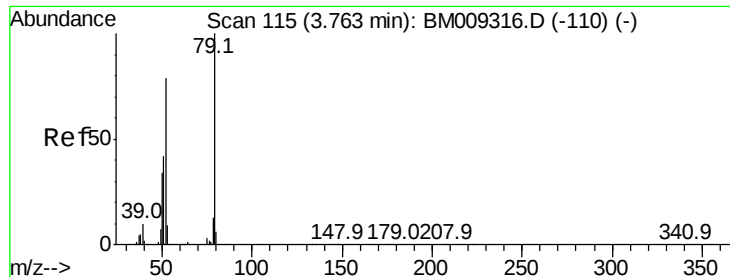
Ion Ratio Lower Upper

88 100

58 87.3 0.0 0.0#

43 43.5 0.0 0.0#





#3

Pvridine

Concen: 37.42 ng

RT: 3.75 min Scan# 113

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

Instrument :

BNA_M

ClientSampleId :

PB97904BS

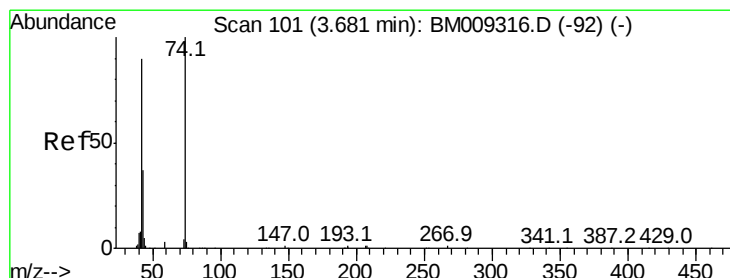
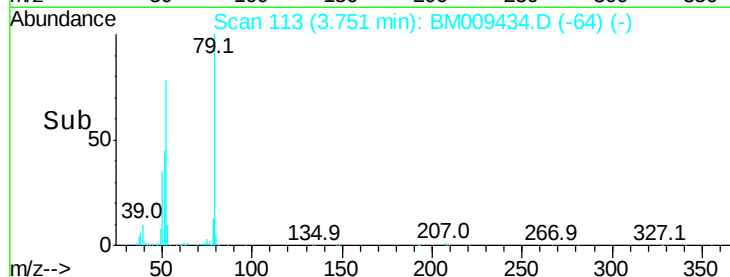
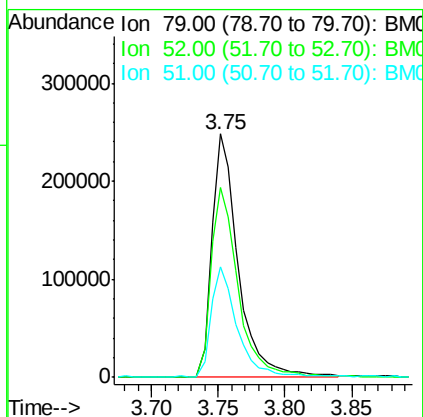
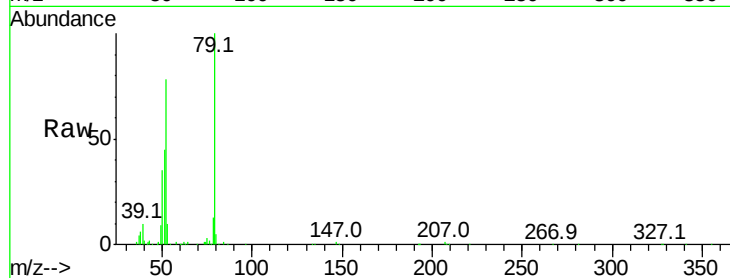
Tot Ion: 79 Resp: 345297

Ion Ratio Lower Upper

79 100

52 78.2 51.1 76.7#

51 45.1 26.1 39.1#



#4

n-Nitrosodimethylamine

Concen: 45.44 ng

RT: 3.67 min Scan# 99

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

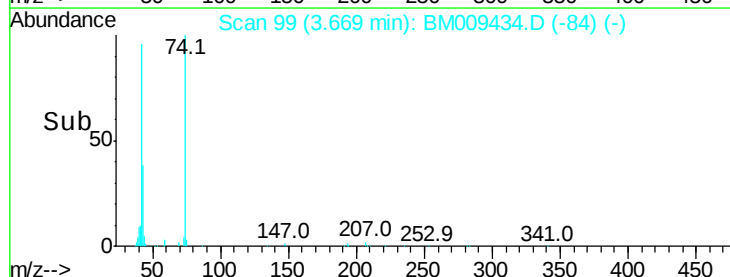
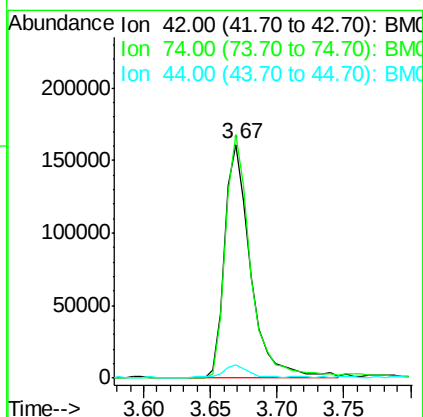
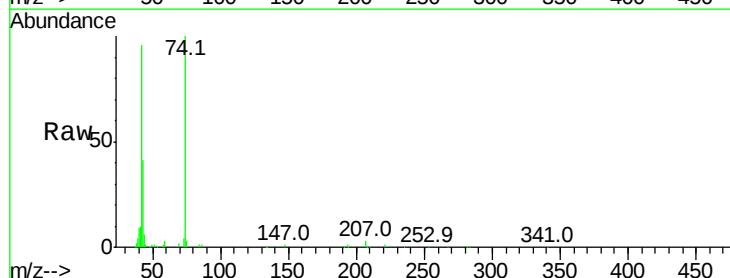
Tgt Ion: 42 Resp: 223216

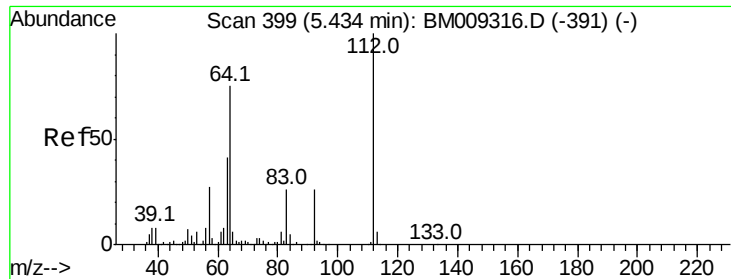
Ion Ratio Lower Upper

42 100

74 104.3 119.3 178.9#

44 5.9 5.4 8.2





#5

2-Fluorophenol

Concen: 139.46 ng

RT: 5.43 min Scan# 398

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

Instrument :

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ClientSampleId :

PB97904BS

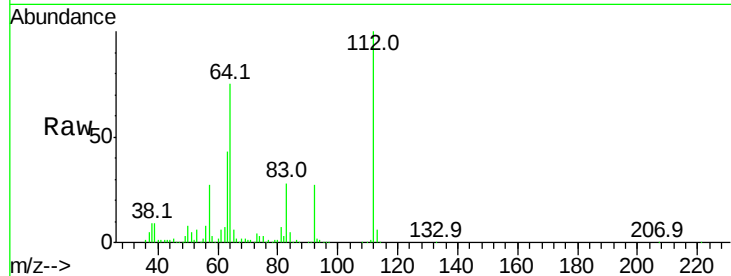
Tot Ion:112 Resp: 905640

Ion Ratio Lower Upper

112 100

64 74.7 38.6 57.8#

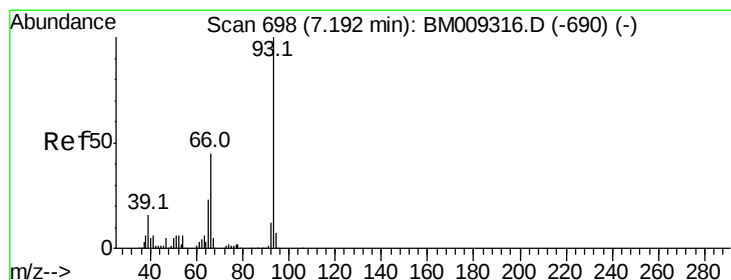
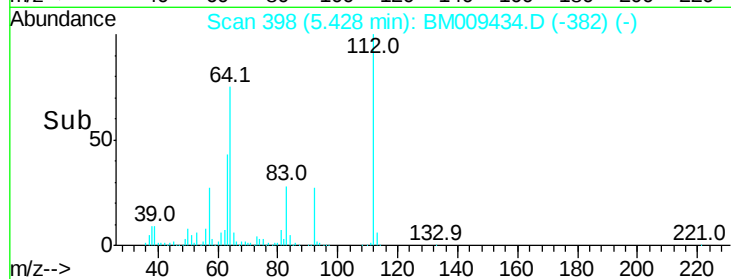
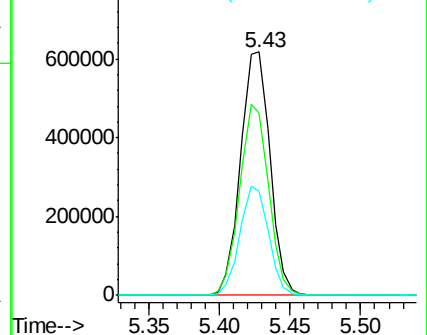
63 42.5 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 24.70 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

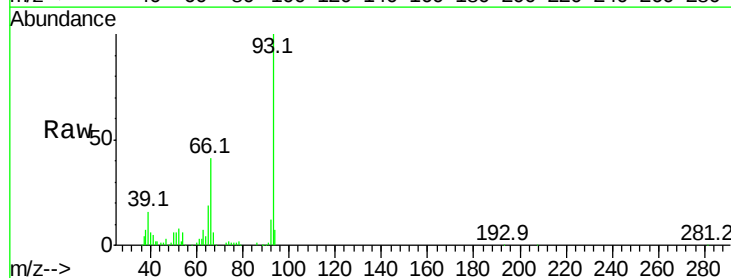
Tgt Ion: 93 Resp: 297240

Ion Ratio Lower Upper

93 100

66 40.9 30.8 46.2

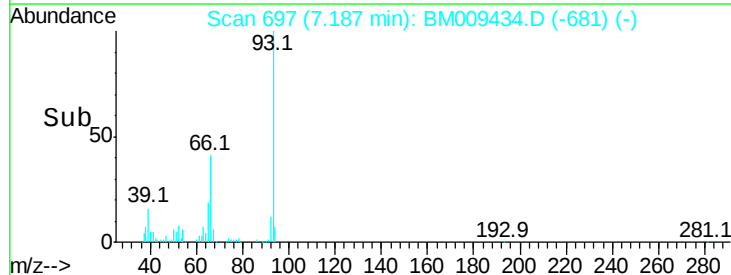
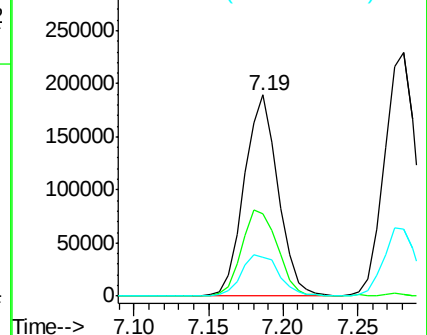
65 19.5 16.0 24.0

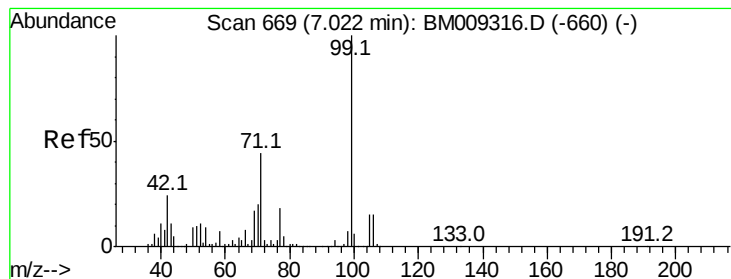


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 140.04 ng

RT: 7.01 min Scan# 667

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

Instrument :

BNA_M

ClientSampleId :

PB97904BS

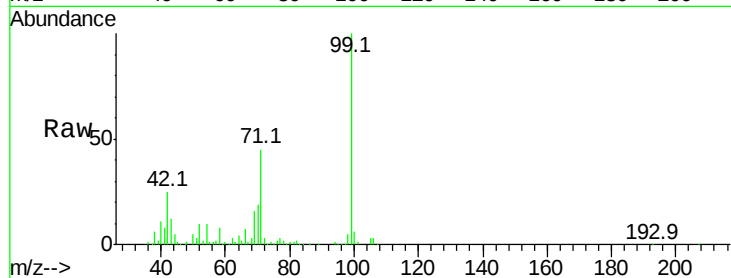
Tot Ion: 99 Resp: 1240100

Ion Ratio Lower Upper

99 100

42 25.3 11.0 16.4#

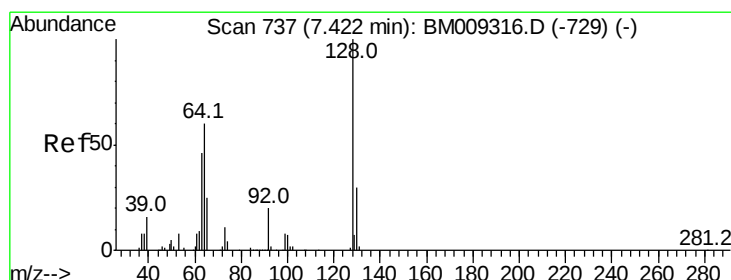
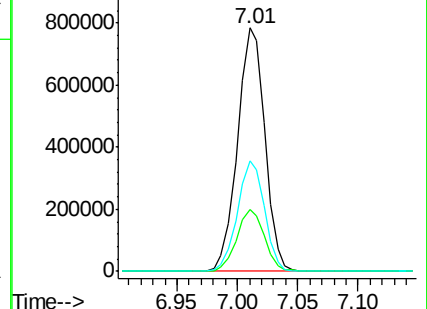
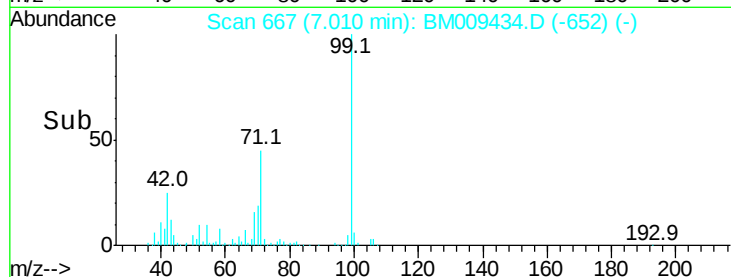
71 45.2 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM009434.D (-652) (-)

Ion 42.00 (41.70 to 42.70): BM009434.D (-652) (-)

Ion 71.00 (70.70 to 71.70): BM009434.D (-652) (-)



#8

2-Chlorophenol

Concen: 47.36 ng

RT: 7.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

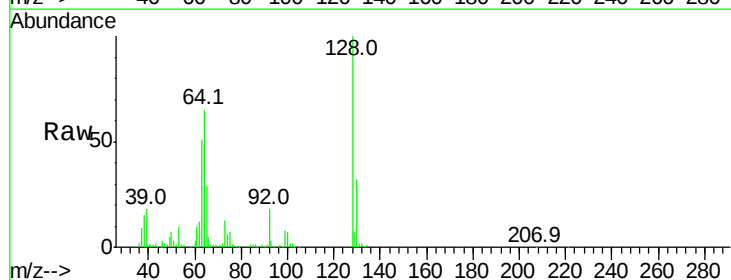
Tgt Ion: 128 Resp: 311828

Ion Ratio Lower Upper

128 100

130 31.8 12.0 52.0

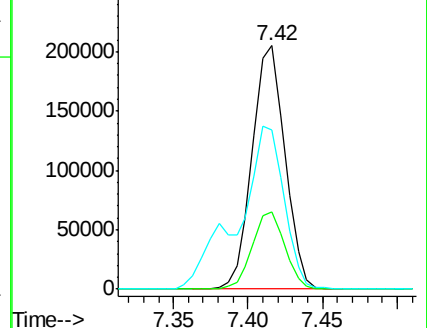
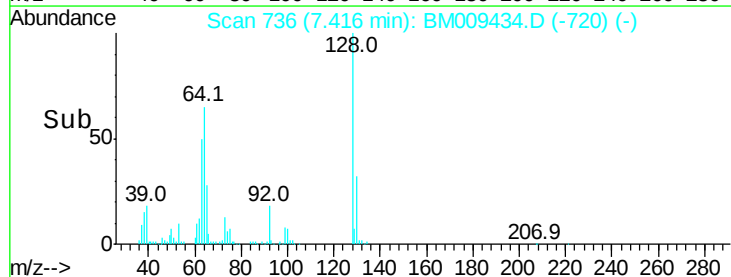
64 65.5 24.9 64.9#

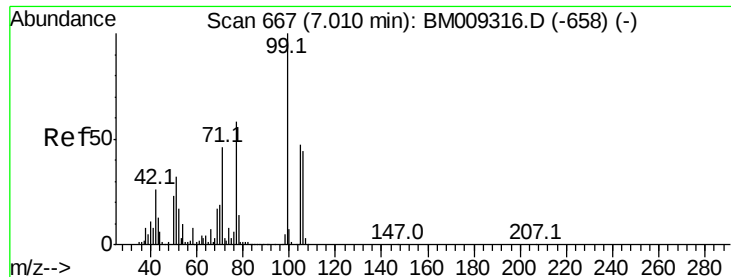


Abundance Ion 128.00 (127.70 to 128.70): BM009434.D (-720) (-)

Ion 130.00 (129.70 to 130.70): BM009434.D (-720) (-)

Ion 64.00 (63.70 to 64.70): BM009434.D (-720) (-)





#9

Benzaldehyde

Concen: 11.62 ng

RT: 7.00 min Scan# 665

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

Instrument :

BNA_M

ClientSampleId :

PB97904BS

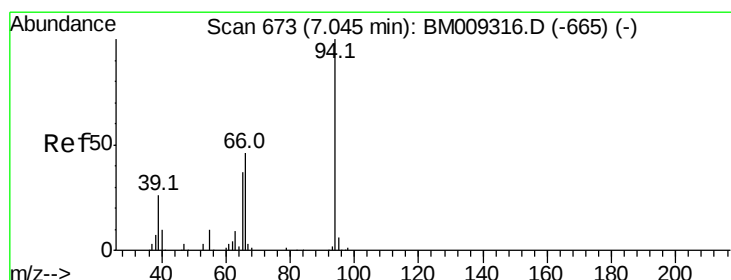
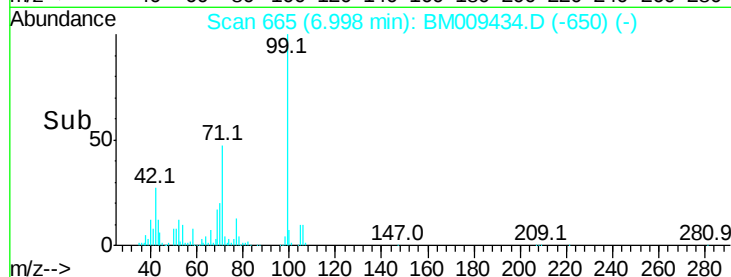
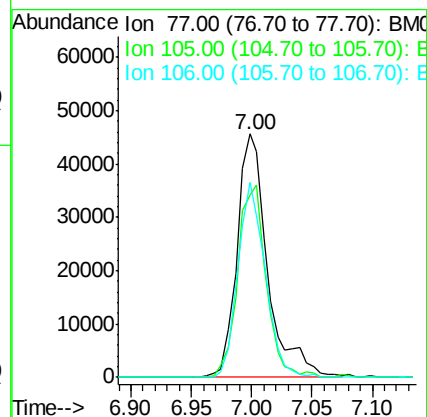
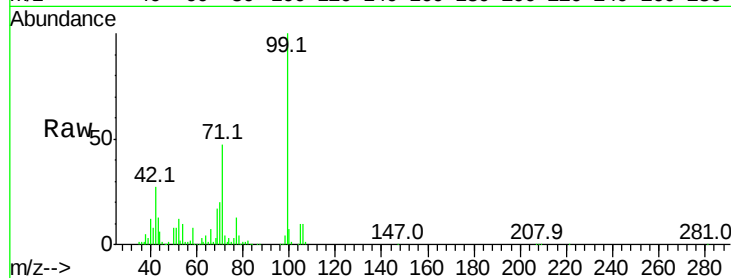
Tot Ion: 77 Resp: 80975

Ion Ratio Lower Upper

77 100

105 74.7 78.8 118.8#

106 80.1 73.7 113.7



#10

Phenol

Concen: 46.84 ng

RT: 7.04 min Scan# 672

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

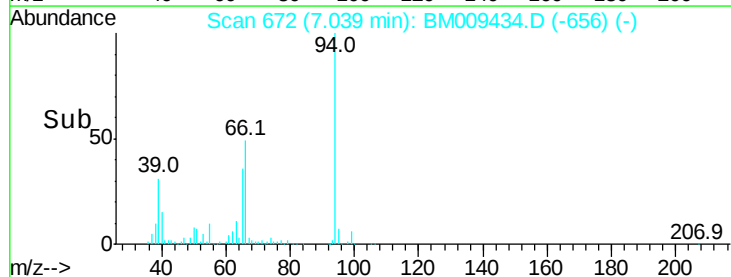
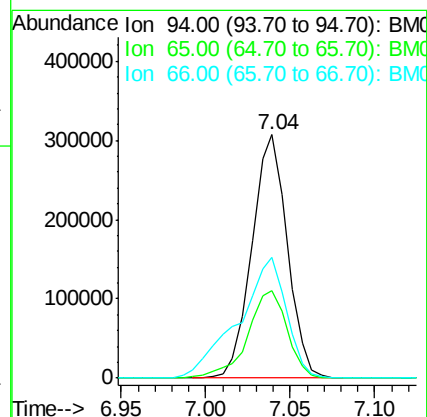
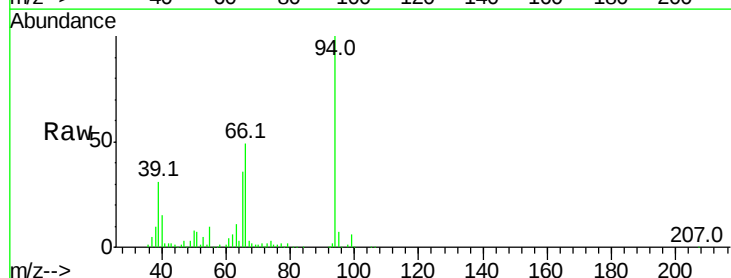
Tgt Ion: 94 Resp: 449450

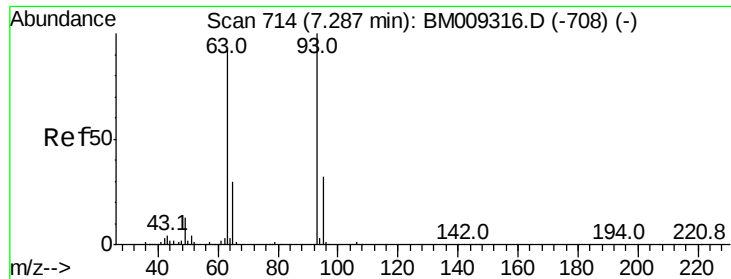
Ion Ratio Lower Upper

94 100

65 35.7 18.8 58.8

66 49.4 39.9 79.9

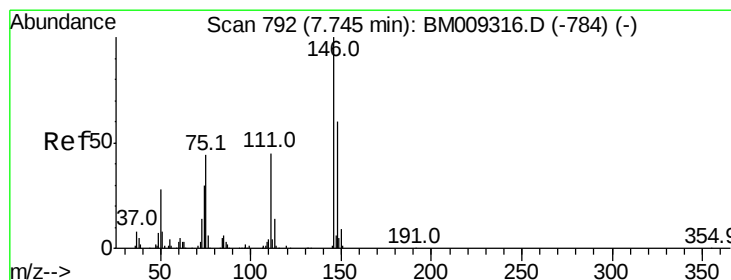
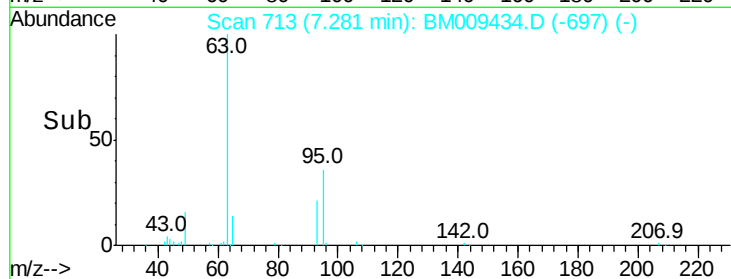
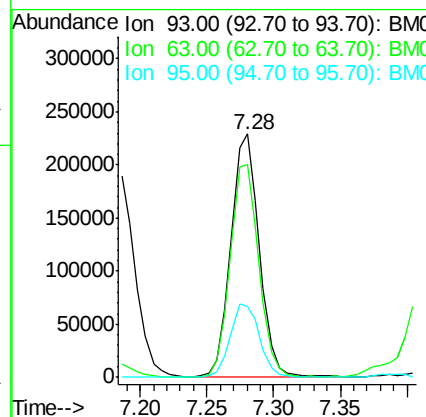
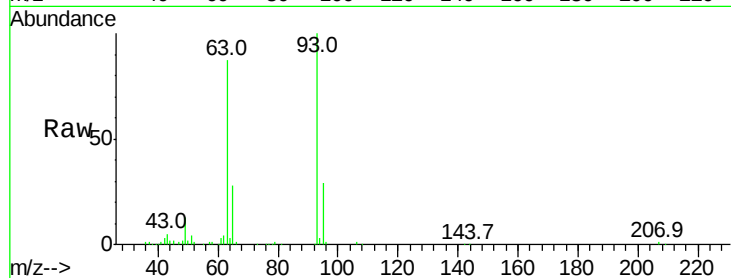




#11
bis(2-Chloroethyl)ether
Concen: 43.20 ng
RT: 7.28 min Scan# 713
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

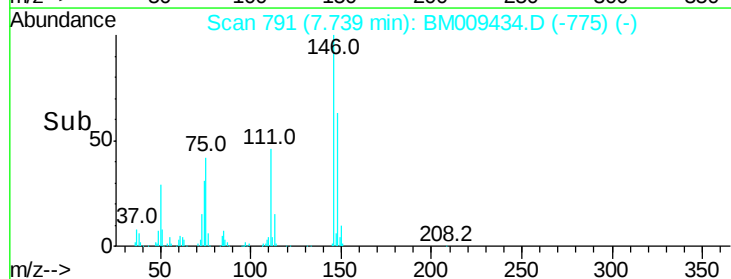
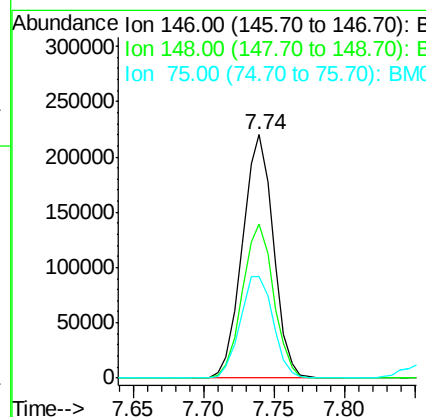
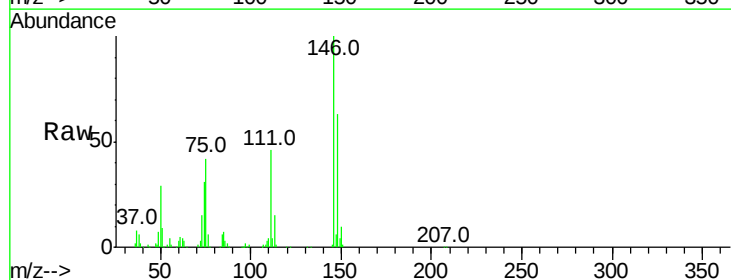
Instrument :
BNA_M
ClientSampleId :
PB97904BS

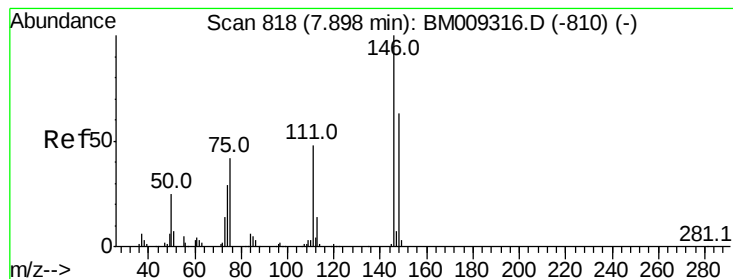
Tot Ion: 93 Resp: 339732
Ion Ratio Lower Upper
93 100
63 87.2 49.5 89.5
95 29.1 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 42.93 ng
RT: 7.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Tgt Ion: 146 Resp: 338387
Ion Ratio Lower Upper
146 100
148 63.4 50.9 76.3
75 41.5 21.4 32.2#





#13

1,4-Dichlorobenzene

Concen: 43.49 ng

RT: 7.89 min Scan# 816

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

Instrument :

BNA_M

ClientSampleId :

PB97904BS

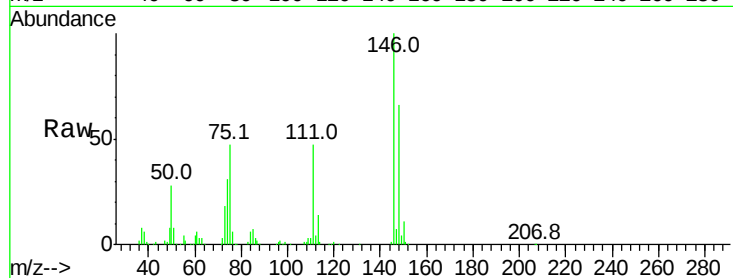
Tot Ion:146 Resp: 354240

Ion Ratio Lower Upper

146 100

148 66.3 51.9 77.9

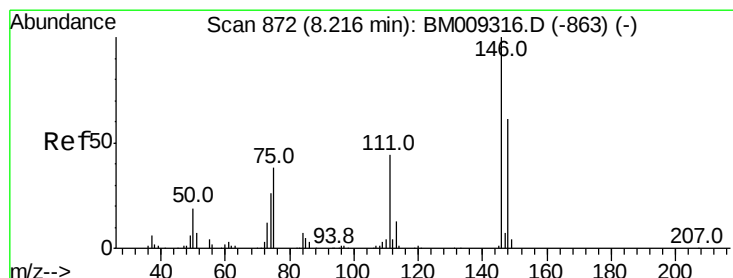
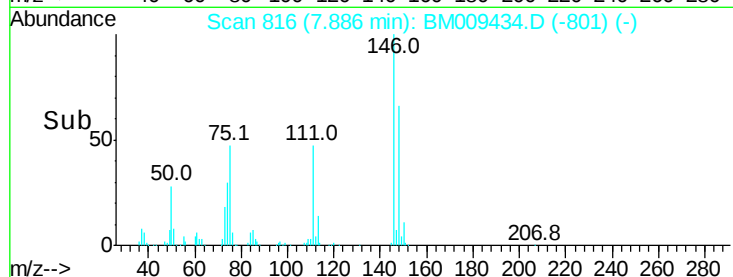
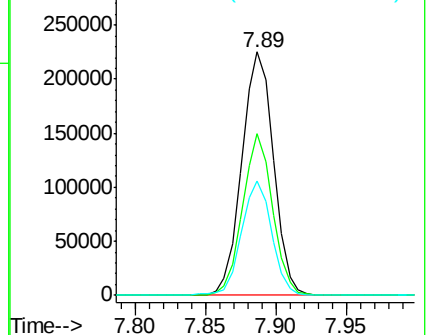
111 46.9 29.2 43.8#



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: 42.33 ng

RT: 8.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

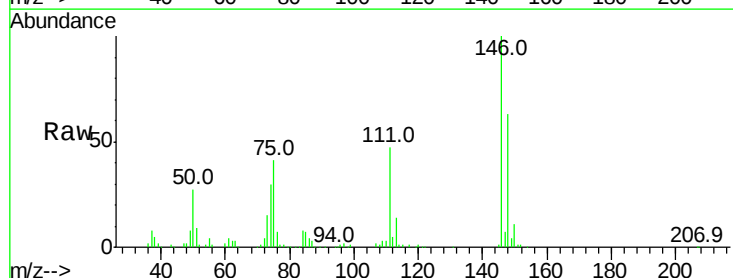
Tgt Ion:146 Resp: 334798

Ion Ratio Lower Upper

146 100

148 63.1 52.3 78.5

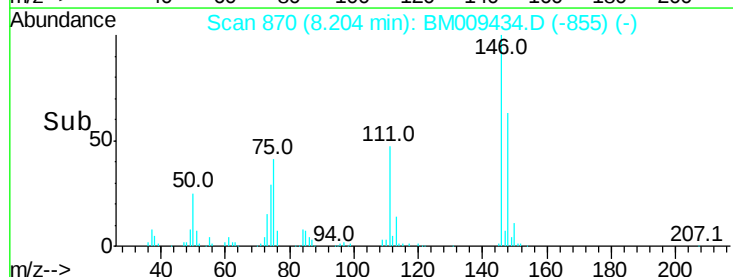
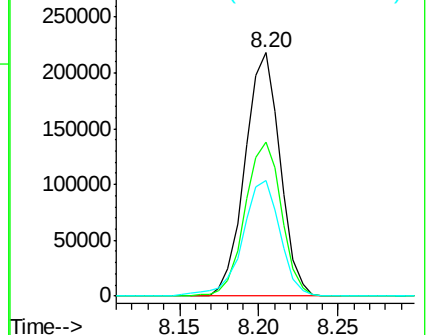
111 47.3 30.6 45.8#

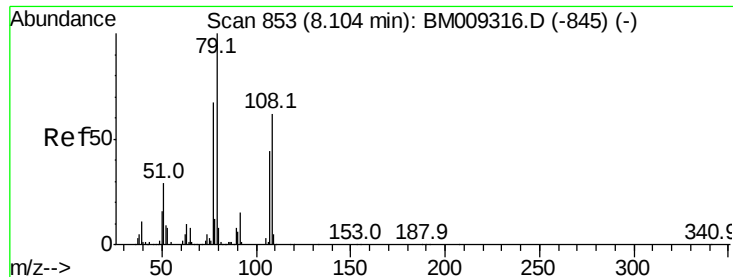


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.77 ng

RT: 8.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

Instrument :

BNA_M

ClientSampleID :

PB97904BS

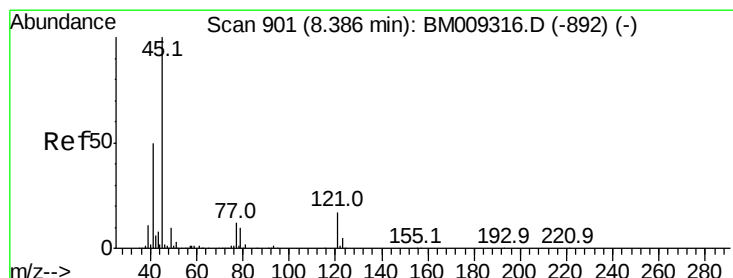
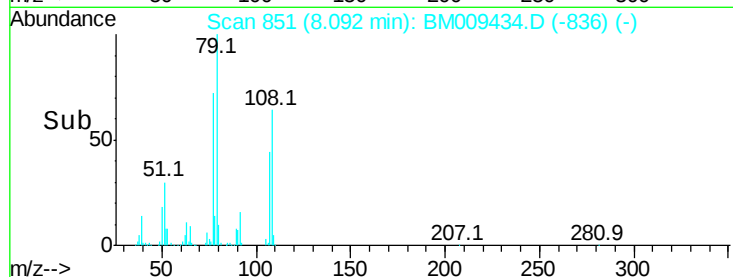
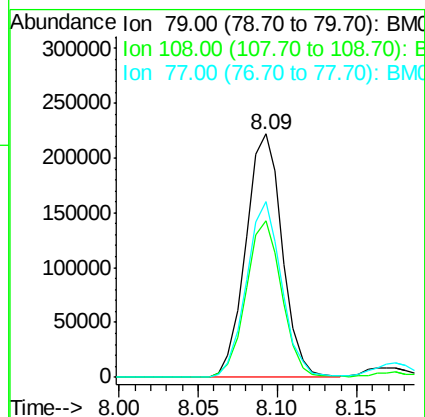
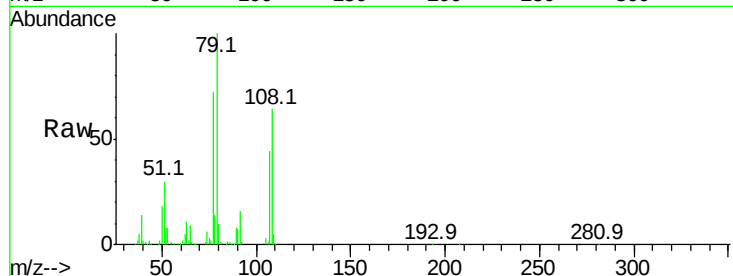
Tot Ion: 79 Resp: 354379

Ion Ratio Lower Upper

79 100

108 64.3 65.0 97.4#

77 72.1 53.0 79.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.95 ng

RT: 8.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

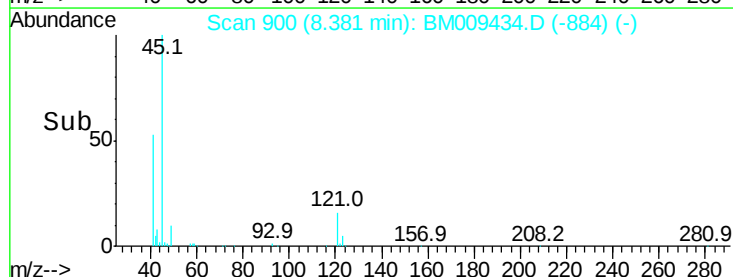
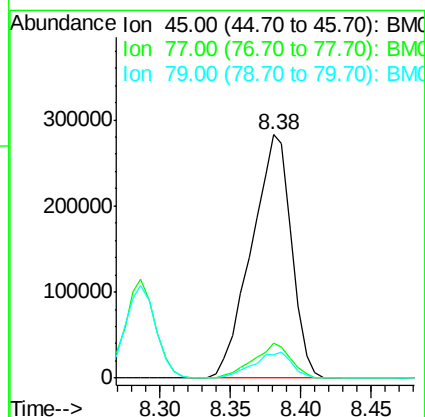
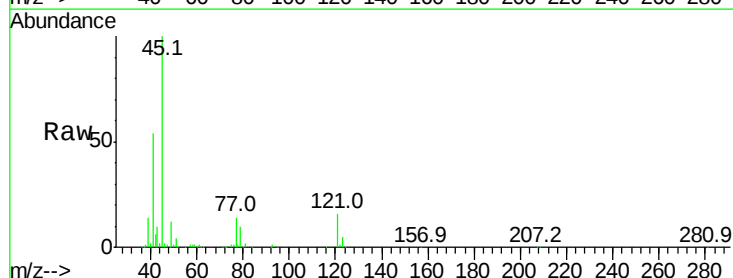
Tgt Ion: 45 Resp: 559754

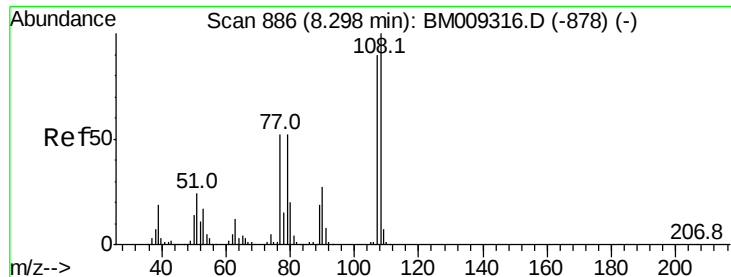
Ion Ratio Lower Upper

45 100

77 14.3 0.0 35.2

79 9.5 0.0 32.0





#17

2-Methylphenol

Concen: 45.57 ng

RT: 8.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

Instrument :

BNA_M

ClientSampleID :

PB97904BS

Tot Ion:107 Resp: 286124

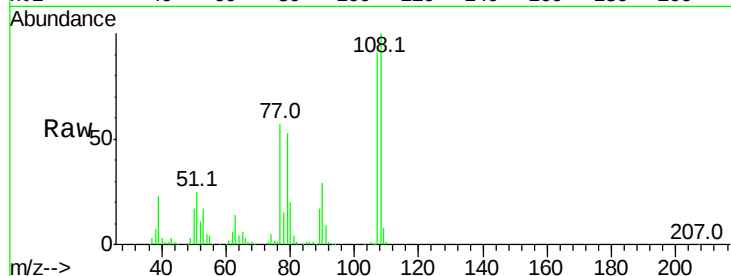
Ion Ratio Lower Upper

107 100

108 109.7 89.8 134.8

77 62.6 32.6 48.8#

79 58.5 32.8 49.2#

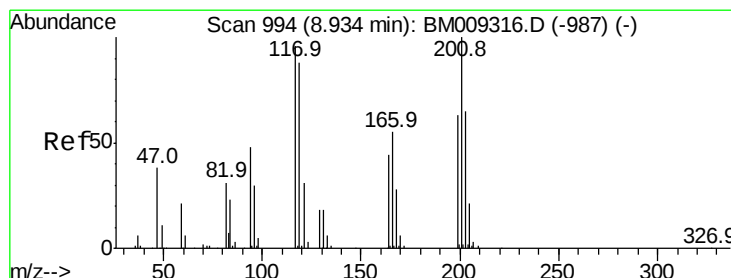
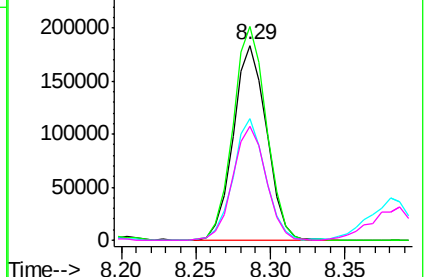
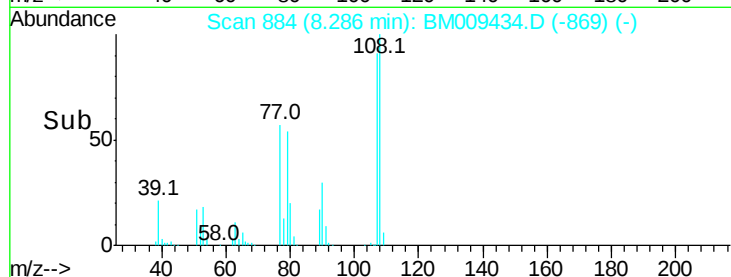


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 43.38 ng

RT: 8.92 min Scan# 992

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

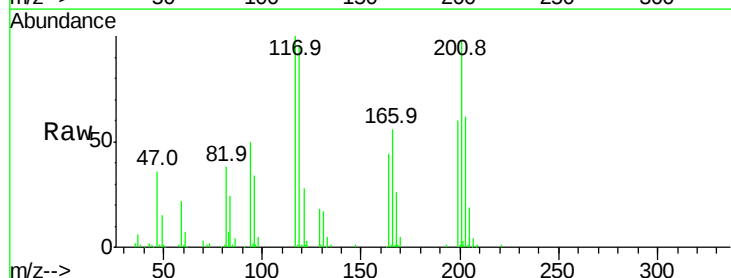
Tgt Ion:117 Resp: 144542

Ion Ratio Lower Upper

117 100

119 95.8 79.2 118.8

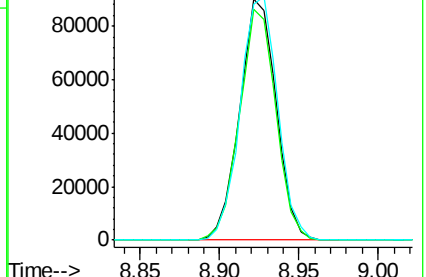
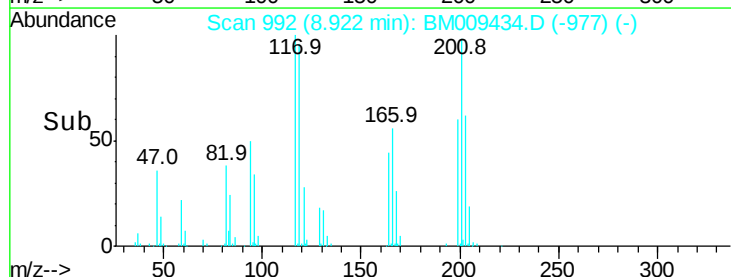
201 97.9 69.8 104.6

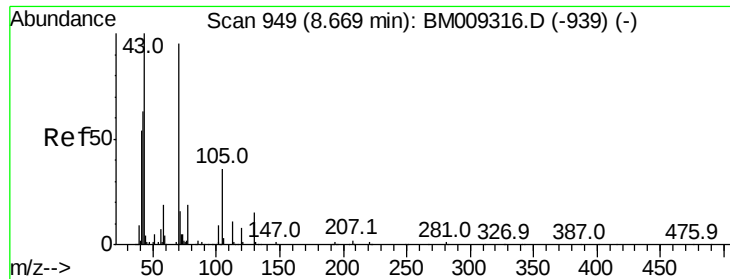


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 43.94 ng

RT: 8.66 min Scan# 947

Delta R.T. -0.01 min

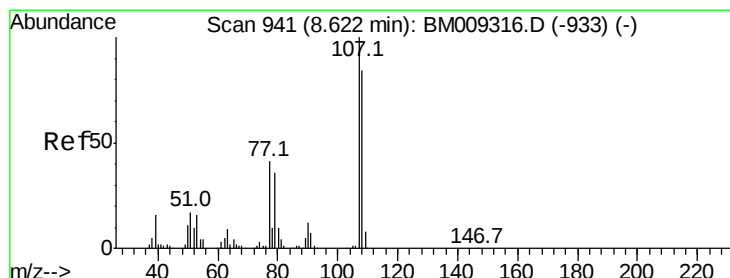
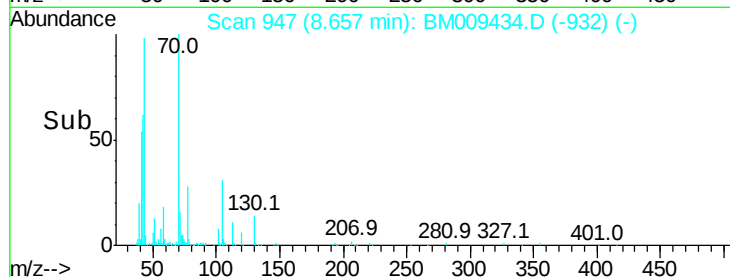
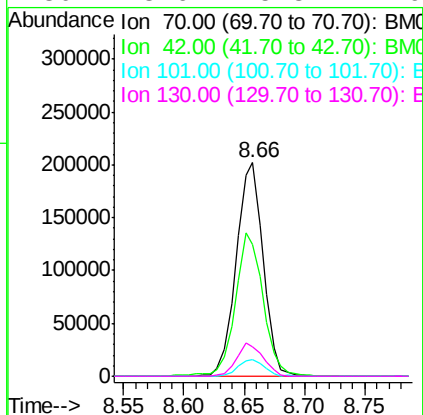
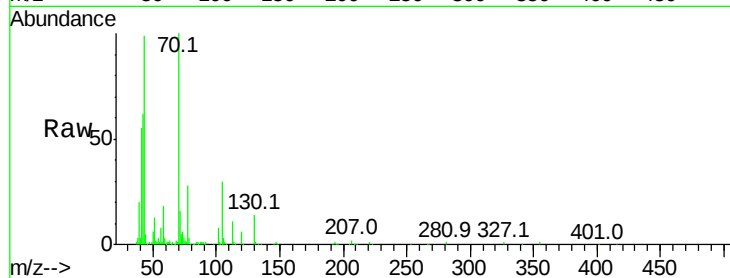
Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

Instrument :
BNA_M
ClientSampleId :
PB97904BS

Tot Ion: 70 Resp: 313665

Ion	Ratio	Lower	Upper
70	100		
42	62.0	44.5	66.7
101	8.1	7.4	11.2
130	13.6	15.3	22.9



#20

3+4-Methylphenols

Concen: 43.82 ng

RT: 8.61 min Scan# 939

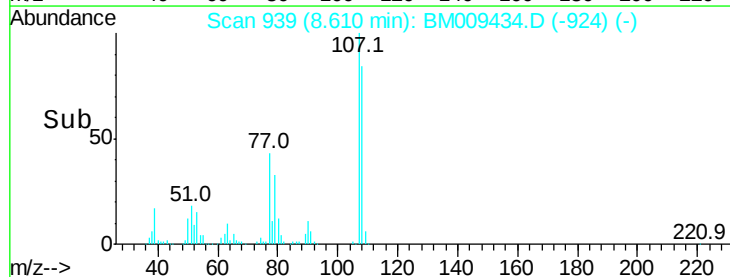
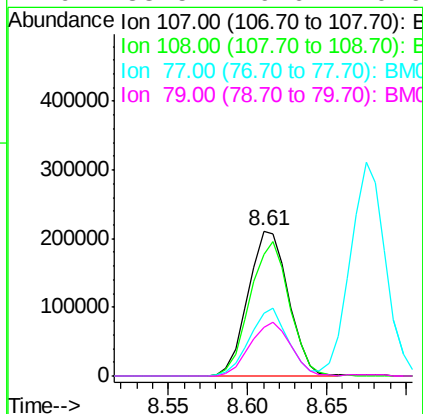
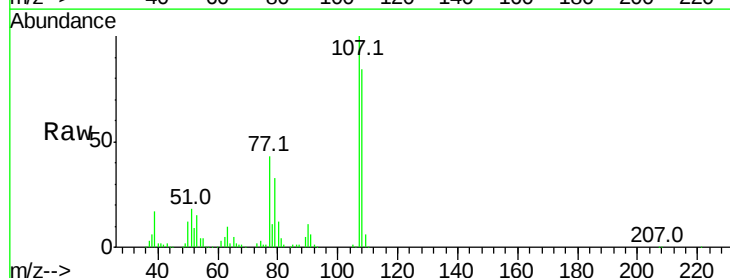
Delta R.T. -0.01 min

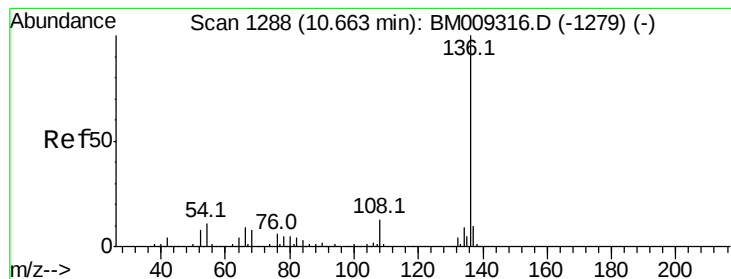
Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

Tgt Ion: 107 Resp: 374036

Ion	Ratio	Lower	Upper
107	100		
108	83.7	73.2	113.2
77	43.4	10.7	50.7
79	33.5	9.6	49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

Instrument :

BNA_M

ClientSampleId :

PB97904BS

Tot Ion:136 Resp: 411988

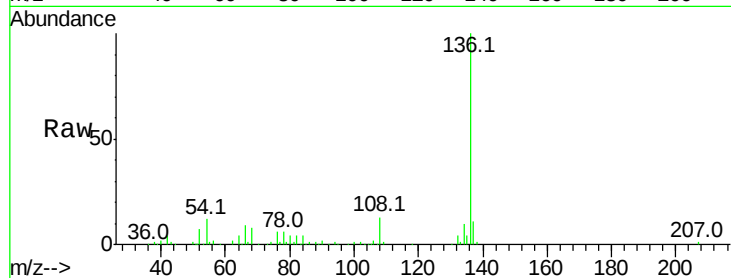
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 11.6 4.6 6.8#

68 7.7 3.7 5.5#

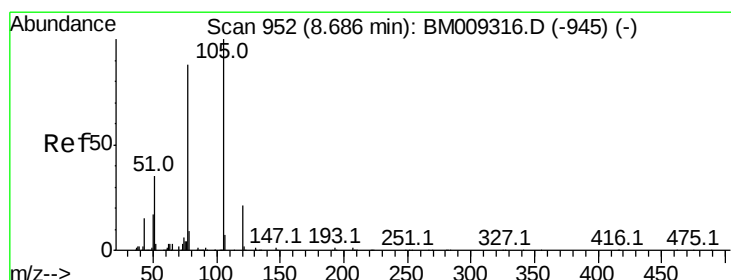
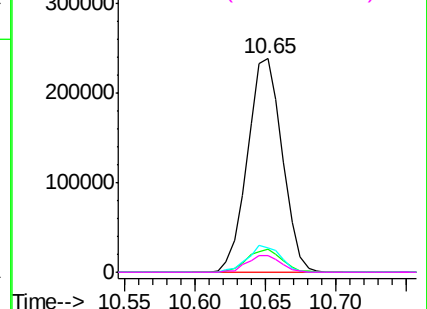
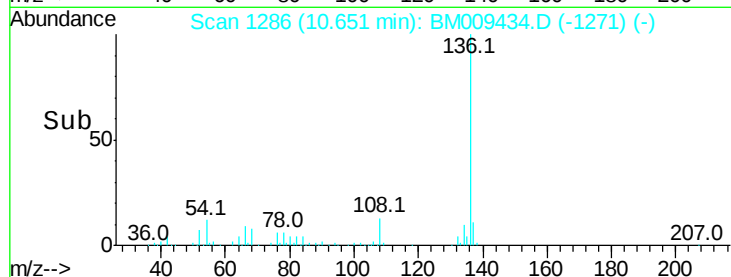


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 44.44 ng

RT: 8.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

Tgt Ion:105 Resp: 516357

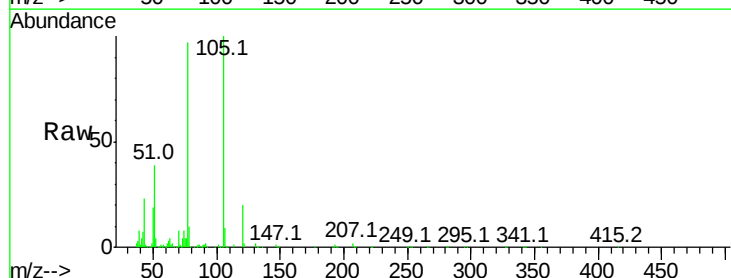
Ion Ratio Lower Upper

105 100

71 1.3 0.6 1.0#

51 39.2 21.6 32.4#

120 20.4 16.1 24.1

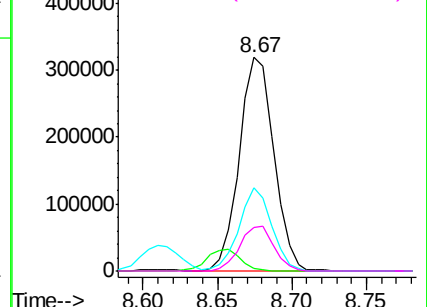
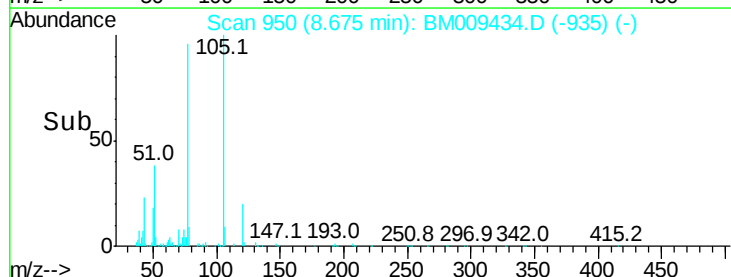


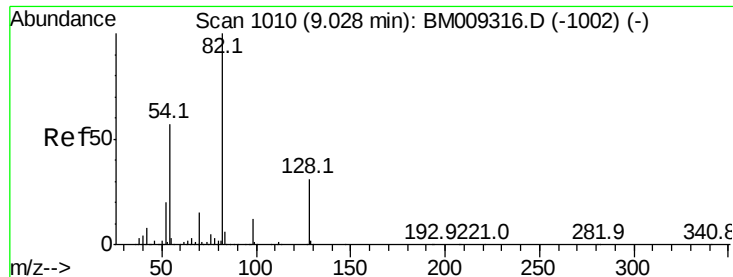
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 82.38 ng

RT: 9.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

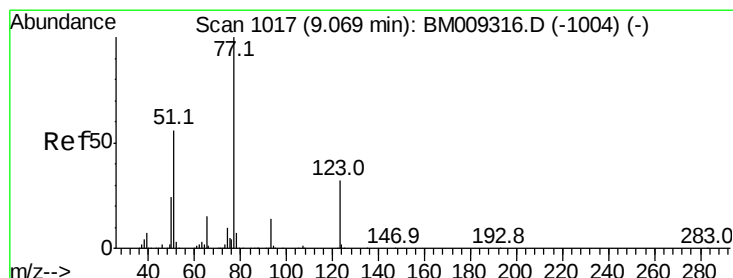
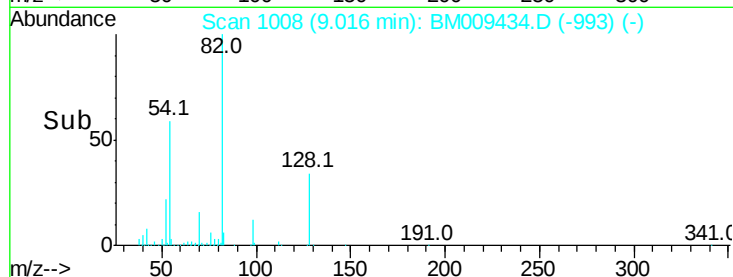
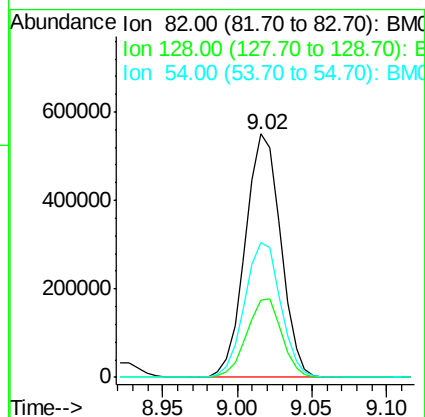
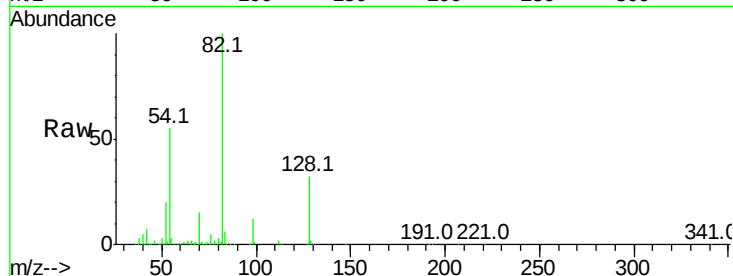
Instrument :

BNA_M

ClientSampleId :

PB97904BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	31.8	32.8	49.2#
54	55.4	40.6	60.8



#24

Nitrobenzene

Concen: 43.74 ng

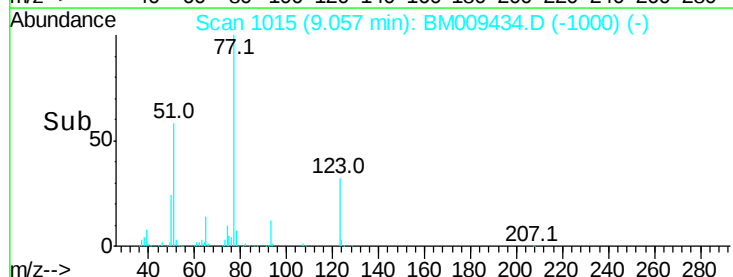
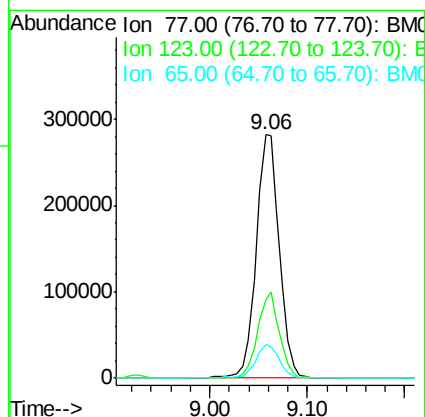
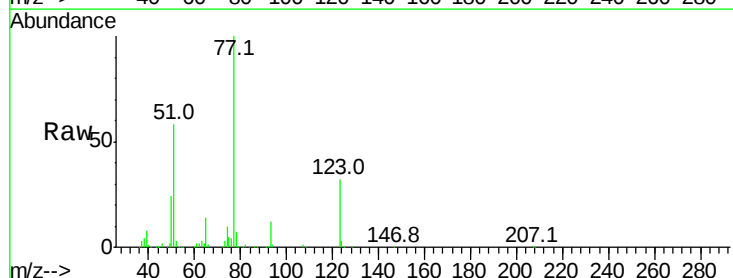
RT: 9.06 min Scan# 1015

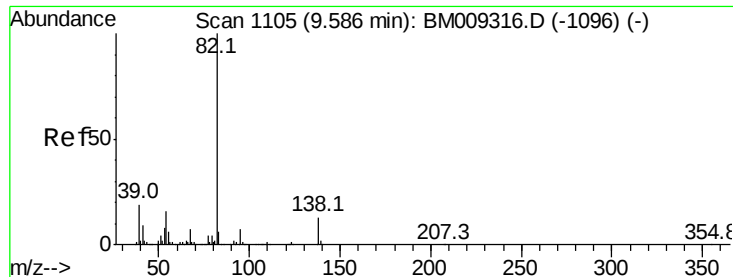
Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

Tgt Ion	Ratio	Lower	Upper
77	100		
123	32.1	32.6	49.0#
65	13.6	10.9	16.3





#25

Isophorone

Concen: 44.80 ng

RT: 9.57 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

Instrument :

BNA_M

ClientSampleId :

PB97904BS

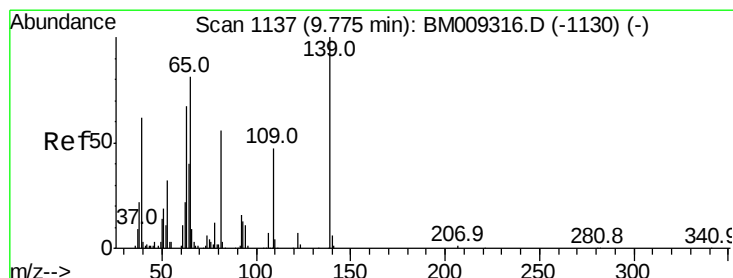
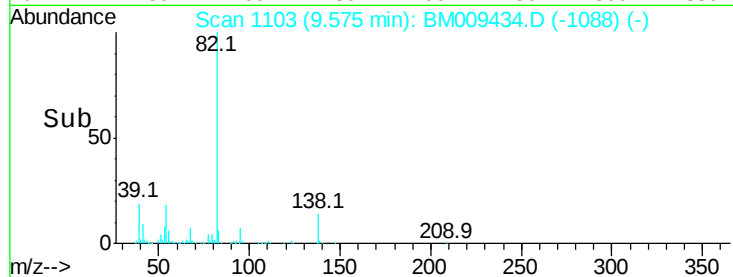
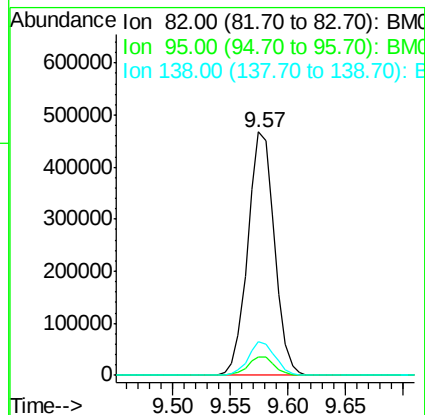
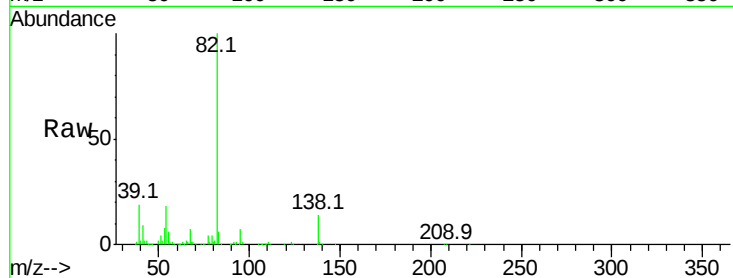
Tot Ion: 82 Resp: 751021

Ion Ratio Lower Upper

82 100

95 7.3 5.8 8.6

138 14.0 16.3 24.5#



#26

2-Nitrophenol

Concen: 46.63 ng

RT: 9.77 min Scan# 1136

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

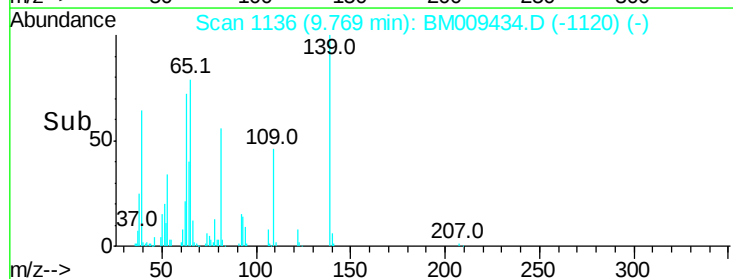
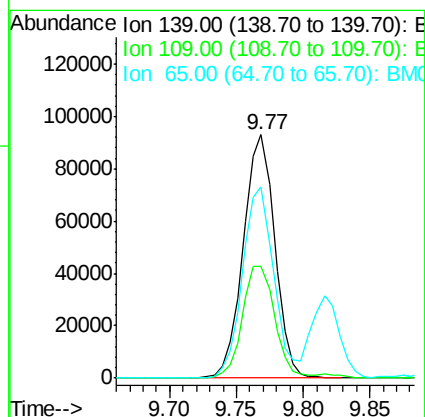
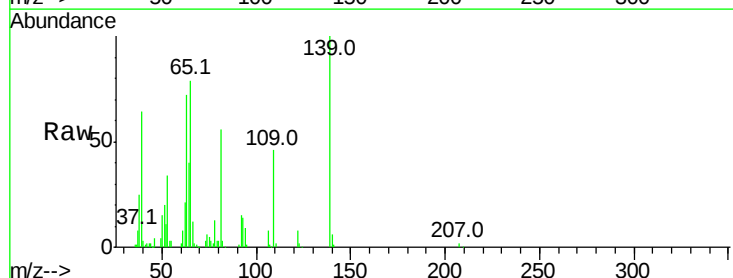
Tgt Ion: 139 Resp: 151412

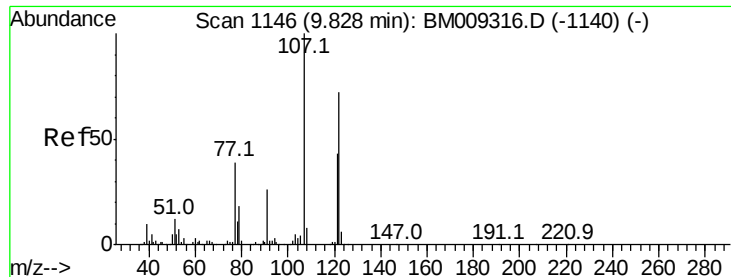
Ion Ratio Lower Upper

139 100

109 46.1 20.1 30.1#

65 78.5 31.5 47.3#





#27

2,4-Dimethylphenol

Concen: 48.18 ng

RT: 9.82 min Scan# 1144

Delta R.T. -0.01 min

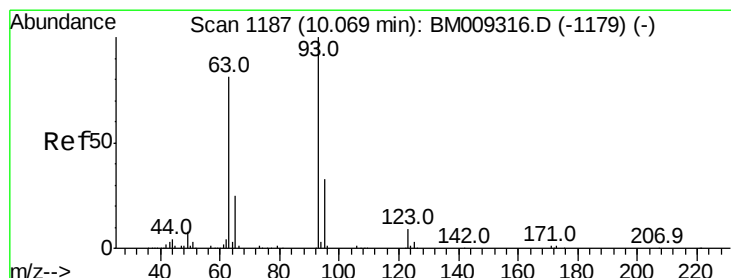
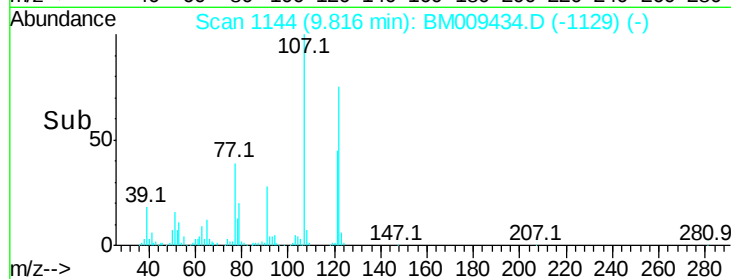
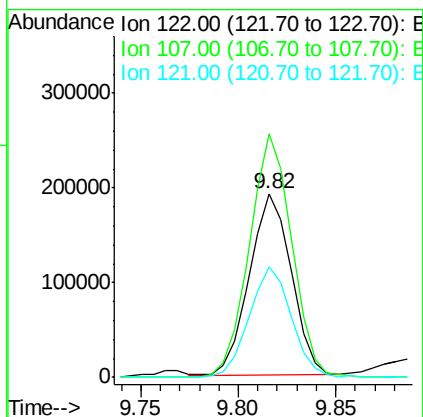
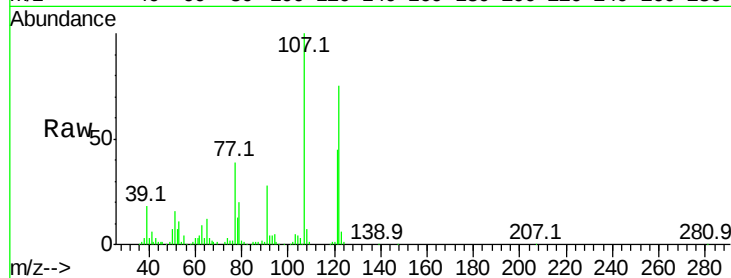
Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

Instrument :
BNA_M
ClientSampleId :
PB97904BS

Tot Ion:122 Resp: 286169

Ion	Ratio	Lower	Upper
122	100		
107	132.5	84.7	127.1#
121	59.9	46.6	69.8



#28

bis(2-Chloroethoxy)methane

Concen: 43.74 ng

RT: 10.06 min Scan# 1185

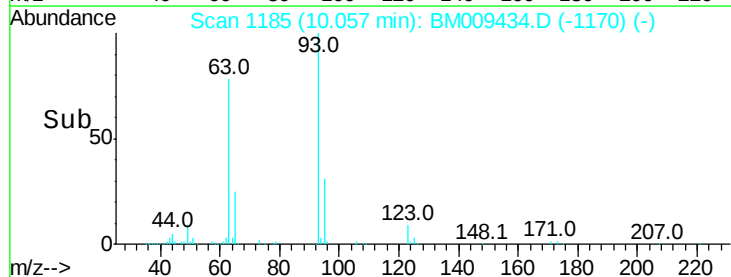
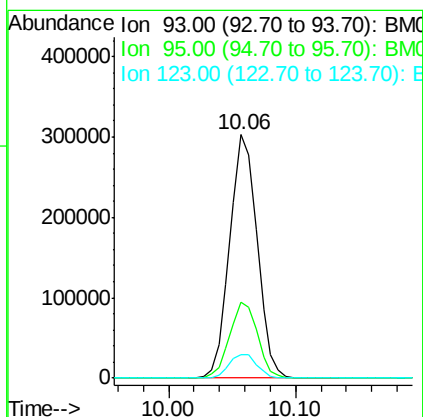
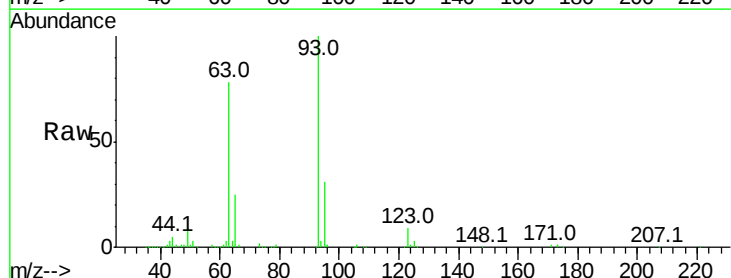
Delta R.T. -0.01 min

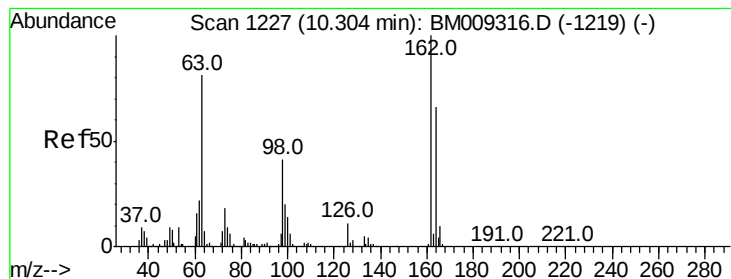
Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

Tgt Ion: 93 Resp: 454002

Ion	Ratio	Lower	Upper
93	100		
95	31.2	25.5	38.3
123	9.5	8.6	13.0





#29

2,4-Dichlorophenol

Concen: 47.08 ng

RT: 10.29 min Scan# 1225

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

Instrument :

BNA_M

ClientSampleId :

PB97904BS

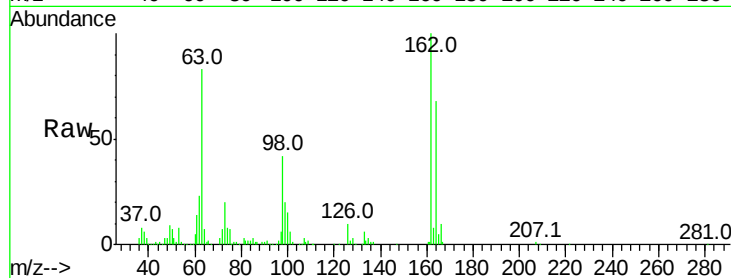
Tot Ion:162 Resp: 292331

Ion Ratio Lower Upper

162 100

164 68.3 42.8 82.8

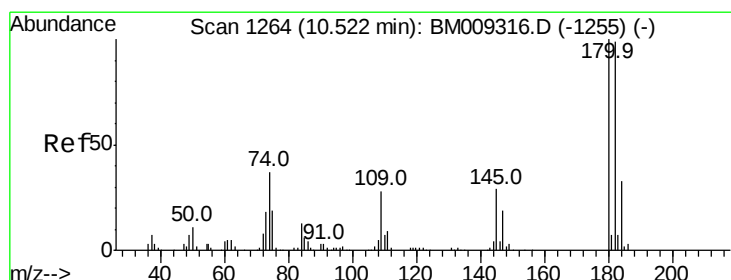
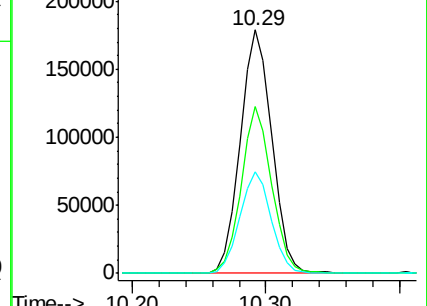
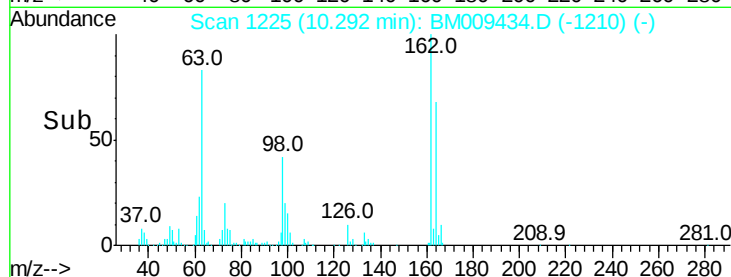
98 41.7 14.5 54.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 44.73 ng

RT: 10.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

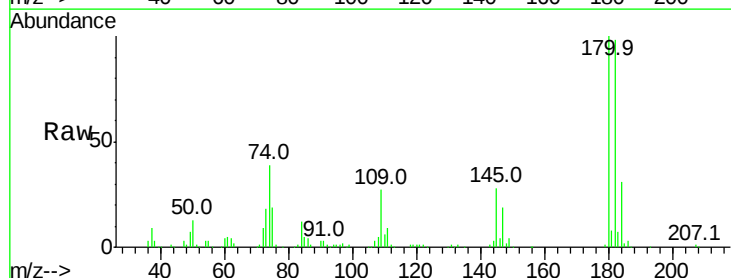
Tgt Ion:180 Resp: 344594

Ion Ratio Lower Upper

180 100

182 97.7 77.6 116.4

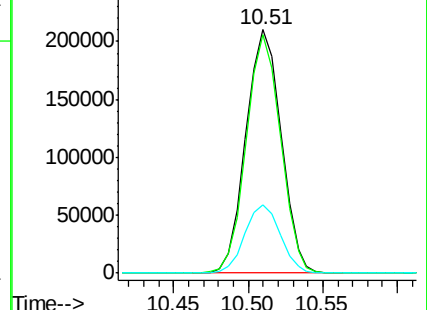
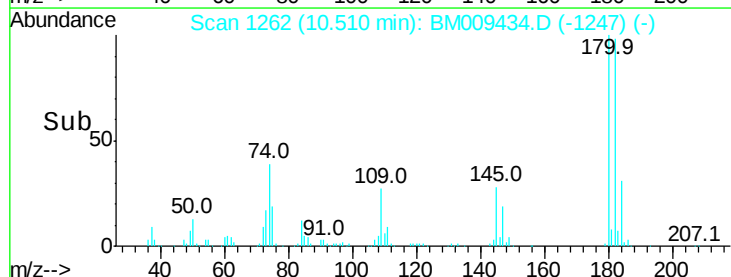
145 28.0 23.4 35.2

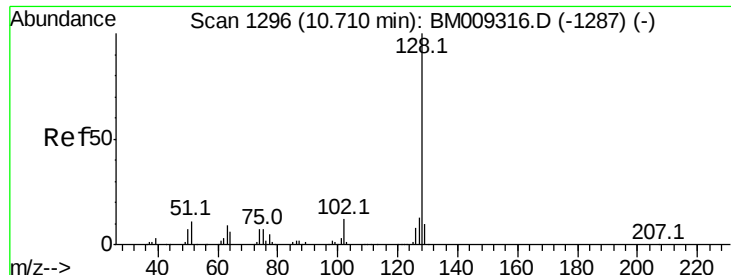


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

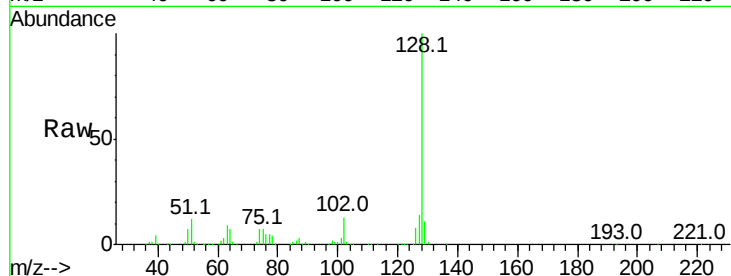




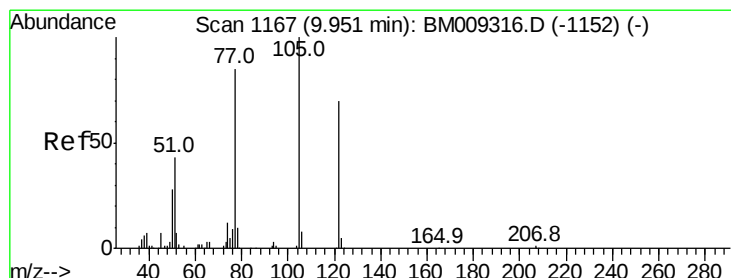
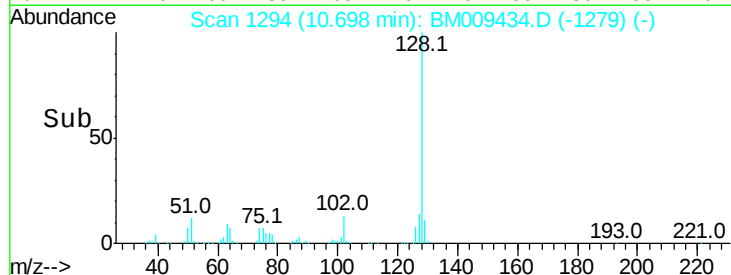
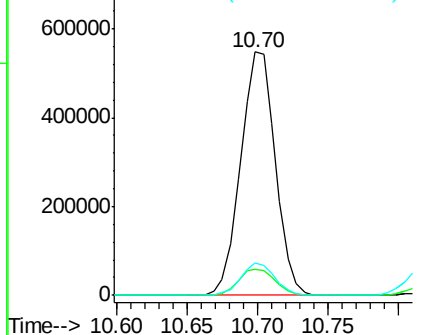
#31
Naphthalene
Concen: 43.13 ng
RT: 10.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Instrument :
BNA_M
ClientSampleId :
PB97904BS

Tot Ion:128 Resp: 943084
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 13.5 10.4 15.6

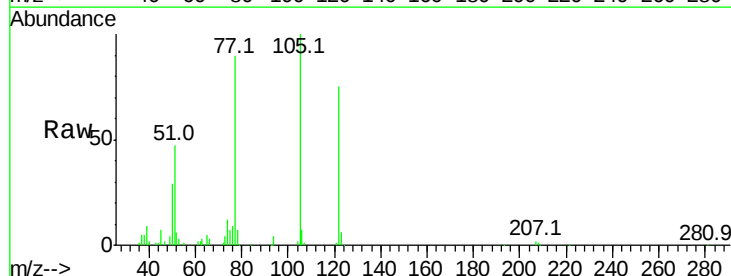


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

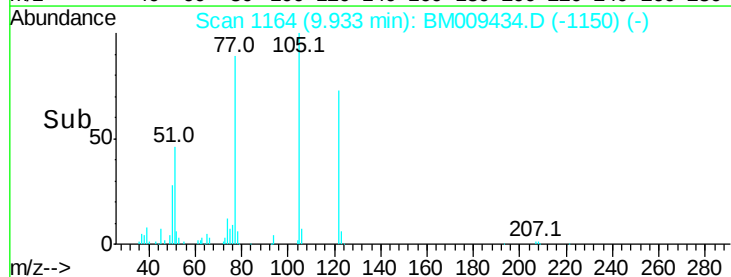
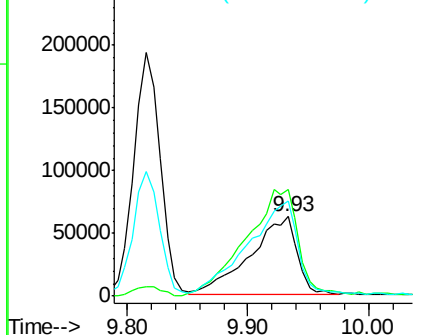


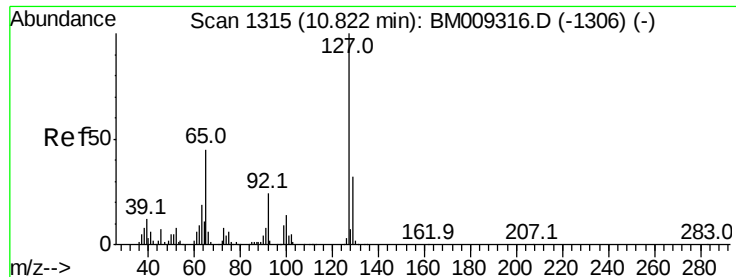
#32
Benzoic acid
Concen: 40.77 ng
RT: 9.93 min Scan# 1164
Delta R.T. -0.02 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Tgt Ion:122 Resp: 164694
Ion Ratio Lower Upper
122 100
105 133.5 99.9 139.9
77 120.3 73.7 113.7#



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): BMC

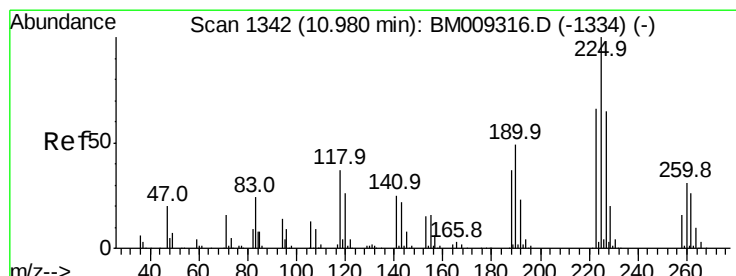
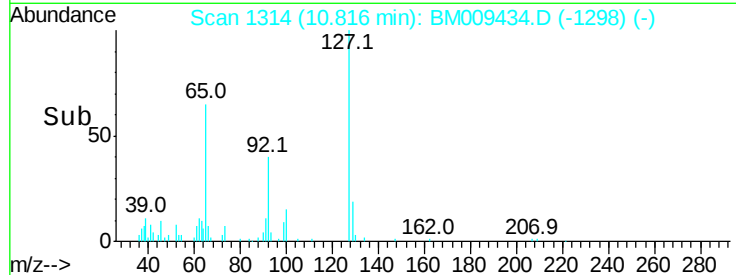
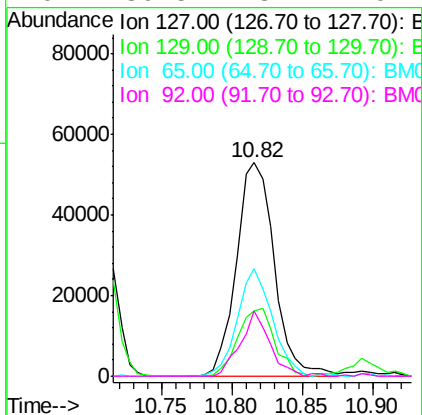
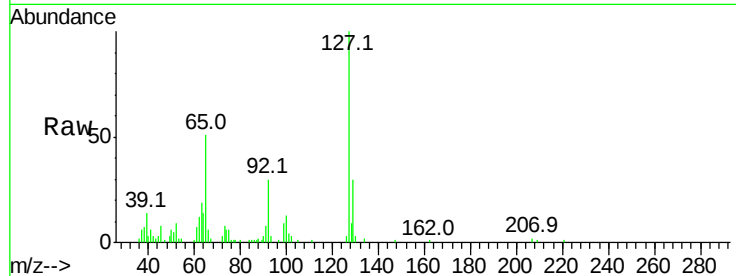




#33
4-Chloroaniline
Concen: 11.85 ng
RT: 10.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

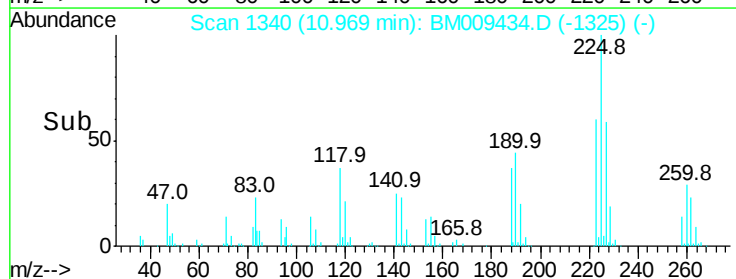
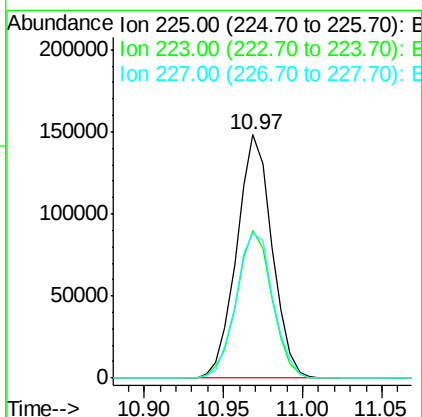
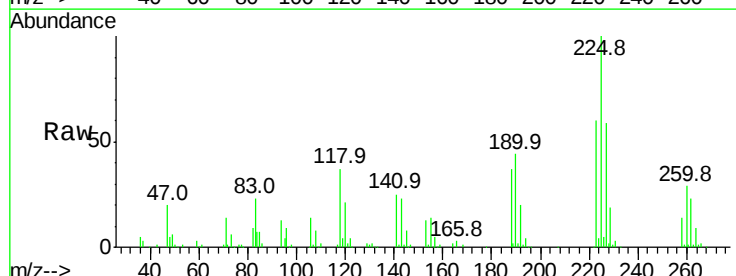
Instrument :
BNA_M
ClientSampleId :
PB97904BS

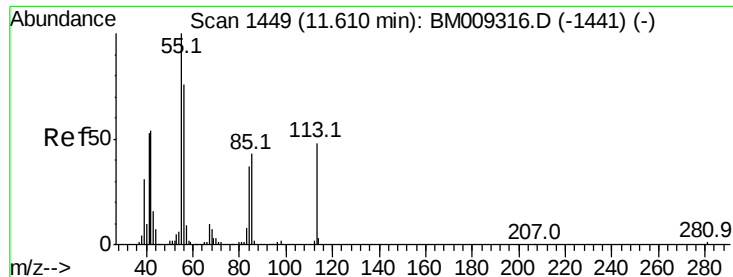
Tot Ion:	127	Resp:	99925
Ion	Ratio	Lower	Upper
127	100		
129	30.5	25.3	37.9
65	50.6	17.6	26.4
92	30.5	13.1	19.7



#34
Hexachlorobutadiene
Concen: 43.31 ng
RT: 10.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Tgt Ion:	225	Resp:	228489
Ion	Ratio	Lower	Upper
225	100		
223	60.5	47.9	71.9
227	59.4	50.1	75.1

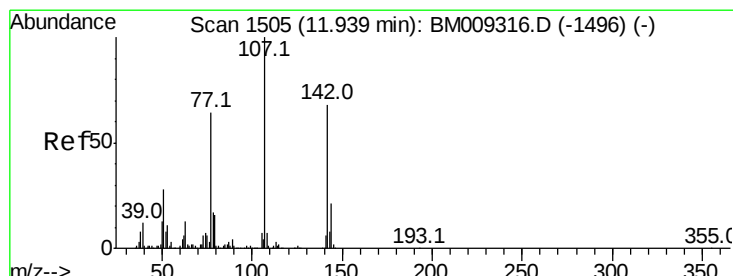
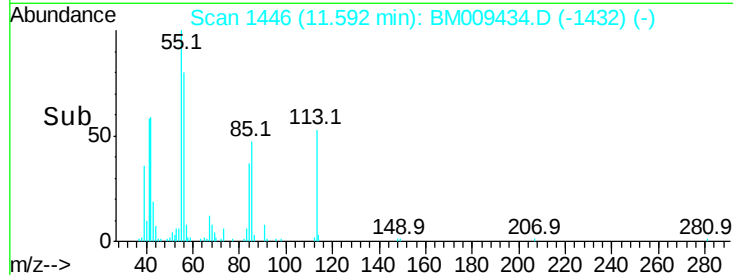
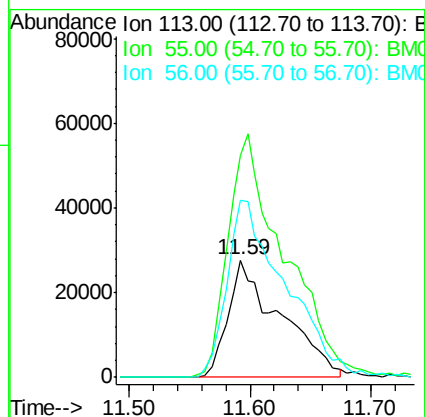
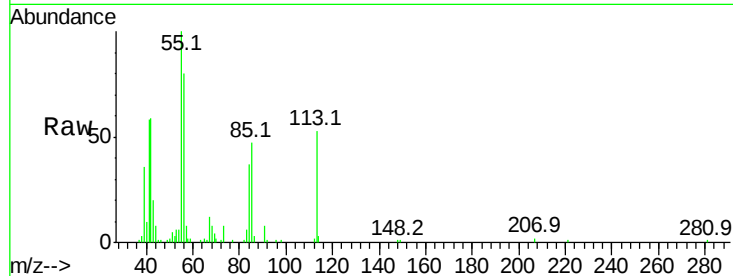




#35
 Caprolactam
 Concen: 44.00 ng
 RT: 11.59 min Scan# 1446
 Delta R.T. -0.02 min
 Lab File: BM009434.D
 Acq: 29 Mar 2017 16:10

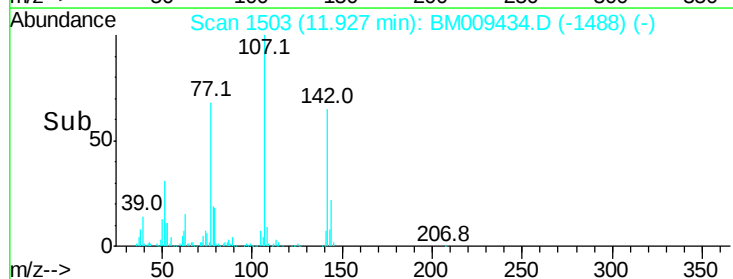
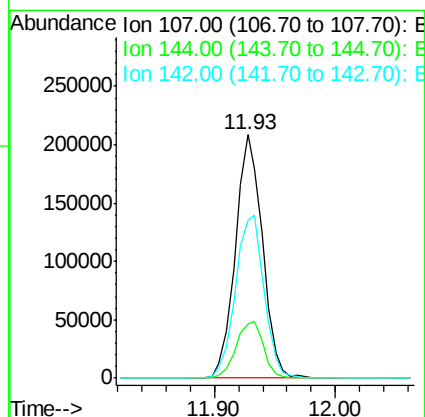
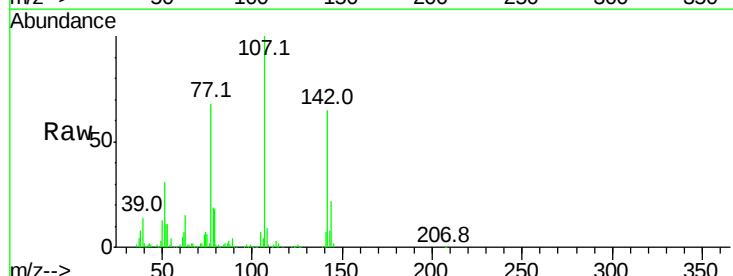
Instrument :
 BNA_M
 ClientSampleId :
 PB97904BS

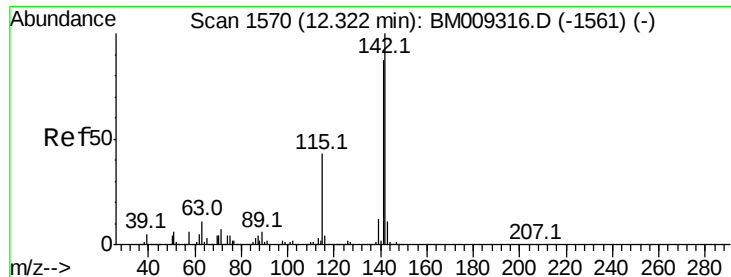
Tot Ion:113 Resp: 83407
 Ion Ratio Lower Upper
 113 100
 55 190.2 145.9 185.9#
 56 151.3 101.0 141.0#



#36
 4-Chloro-3-methylphenol
 Concen: 46.28 ng
 RT: 11.93 min Scan# 1503
 Delta R.T. -0.01 min
 Lab File: BM009434.D
 Acq: 29 Mar 2017 16:10

Tgt Ion:107 Resp: 325089
 Ion Ratio Lower Upper
 107 100
 144 22.3 23.3 34.9#
 142 65.0 72.6 109.0#





#37

2-Methylnaphthalene

Concen: 44.68 ng

RT: 12.31 min Scan# 1568

Delta R.T. -0.01 min

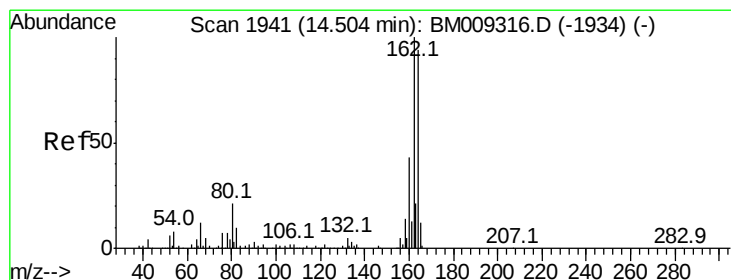
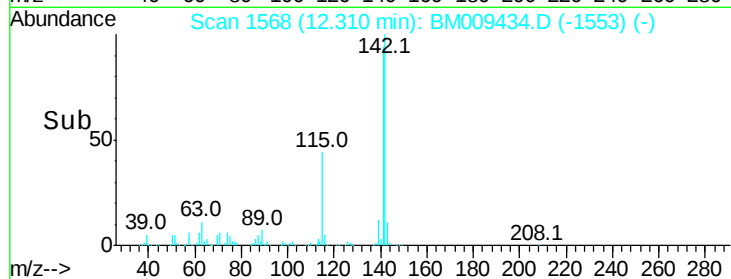
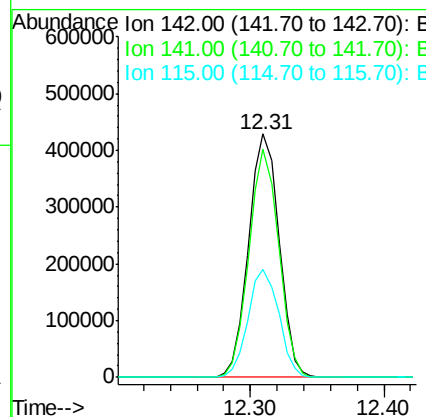
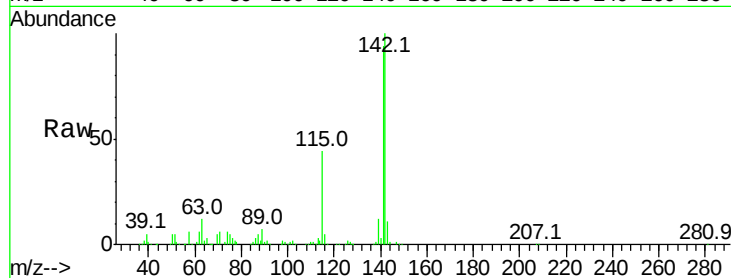
Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

Instrument :
BNA_M
ClientSampleId :
PB97904BS

Tot Ion:142 Resp: 674358

Ion	Ratio	Lower	Upper
142	100		
141	93.6	71.9	107.9
115	44.4	25.4	38.0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.50 min Scan# 1940

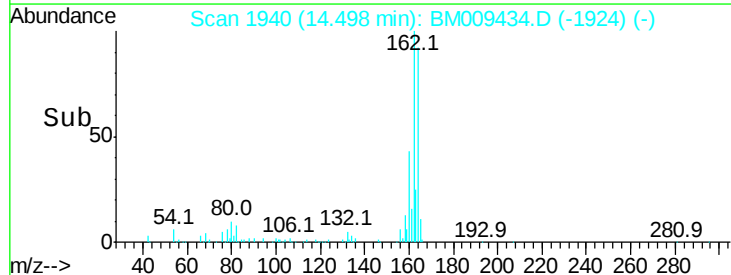
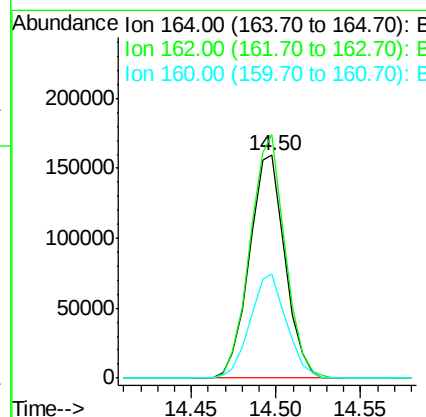
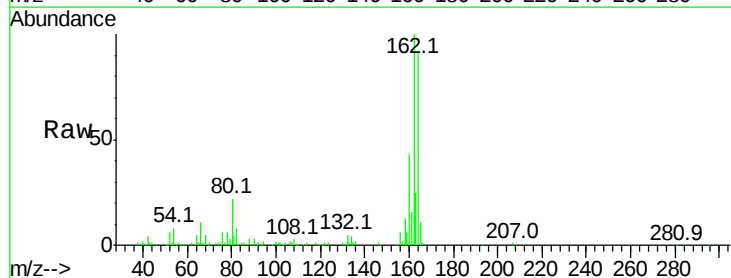
Delta R.T. -0.01 min

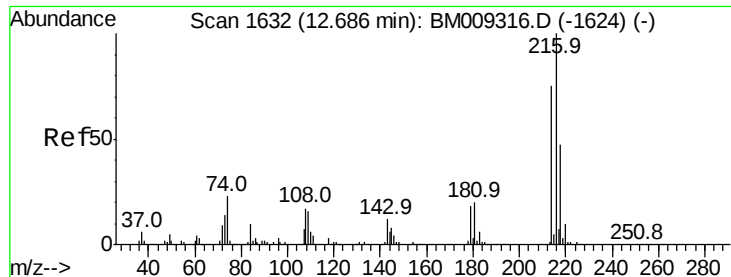
Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

Tgt Ion:164 Resp: 233555

Ion	Ratio	Lower	Upper
164	100		
162	109.2	82.4	123.6
160	46.9	35.8	53.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.28 ng

RT: 12.68 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

Instrument :

BNA_M

ClientSampleId :

PB97904BS

Tot Ion:216 Resp: 390412

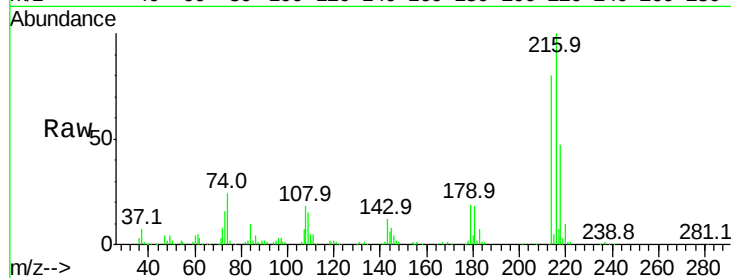
Ion Ratio Lower Upper

216 100

214 78.5 0.0 0.0#

179 20.1 0.0 0.0#

108 24.2 0.0 0.0#

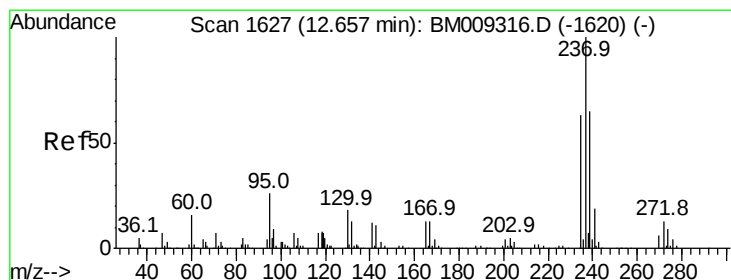
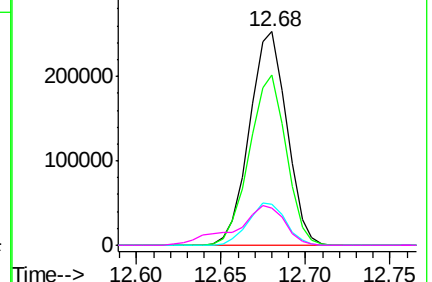
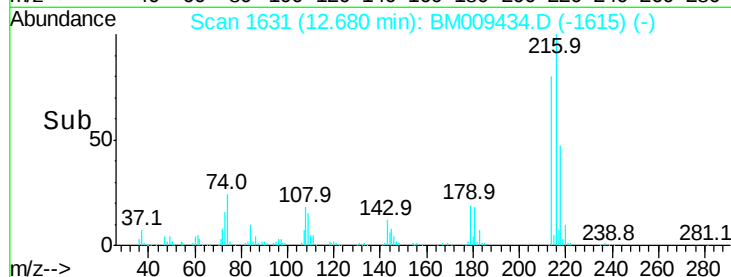


Abundance Ion 216.00 (215.70 to 216.70): E

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: 102.35 ng

RT: 12.65 min Scan# 1626

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

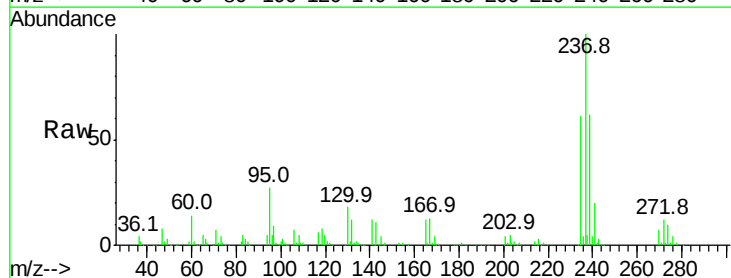
Tgt Ion:237 Resp: 517976

Ion Ratio Lower Upper

237 100

235 61.4 42.0 82.0

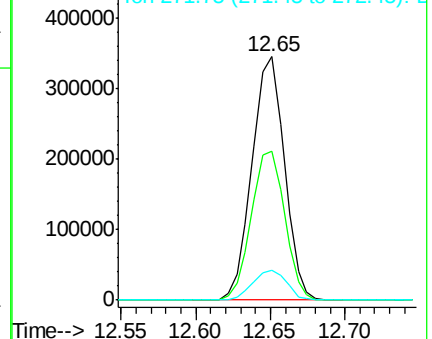
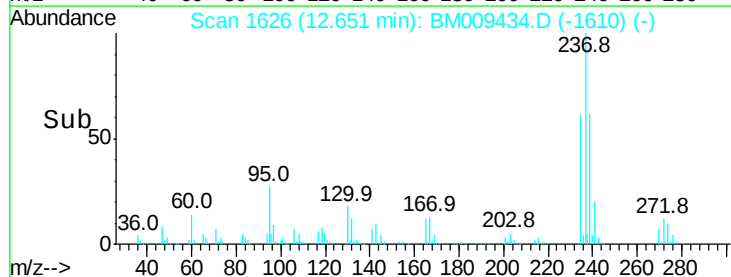
272 12.4 0.0 33.4

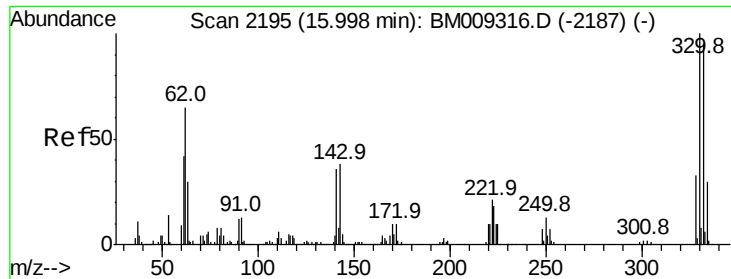


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

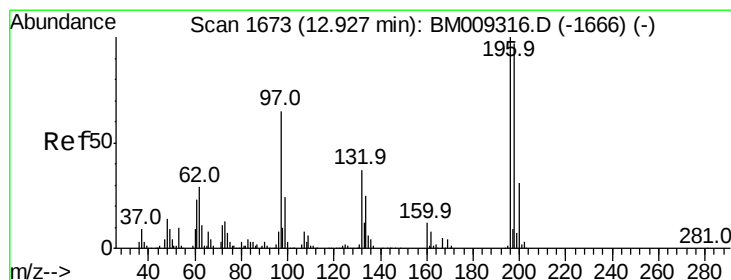
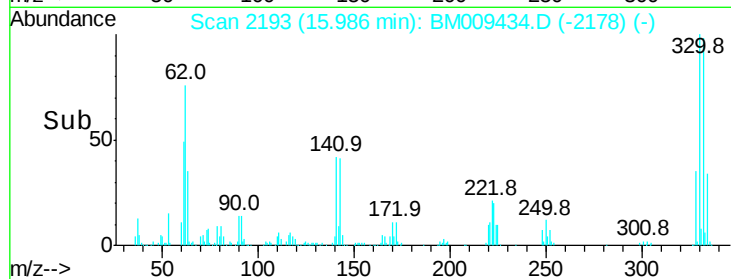
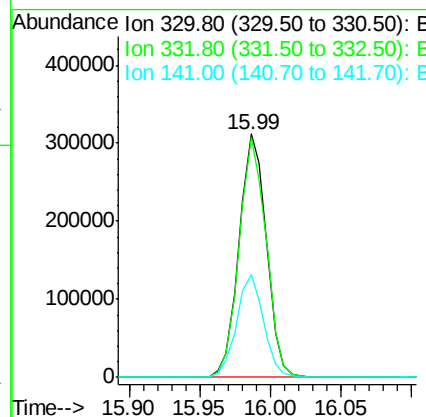
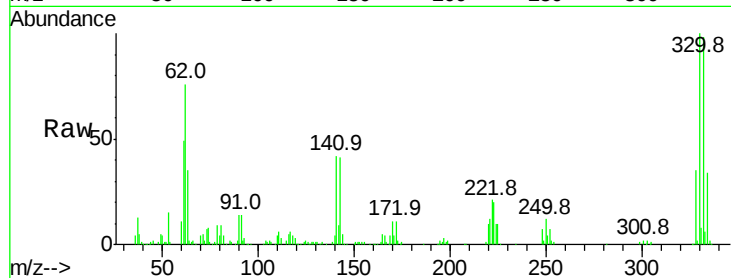




#41
 2,4,6-Tribromophenol
 Concen: 144.95 ng
 RT: 15.99 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BM009434.D
 Acq: 29 Mar 2017 16:10

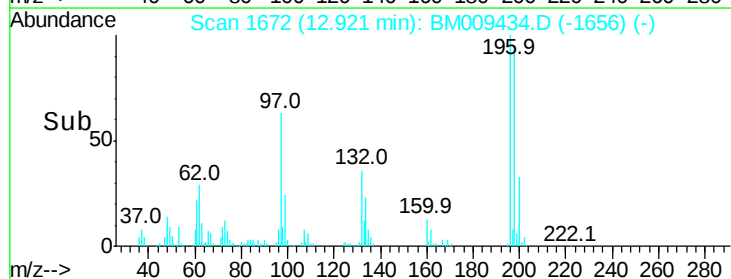
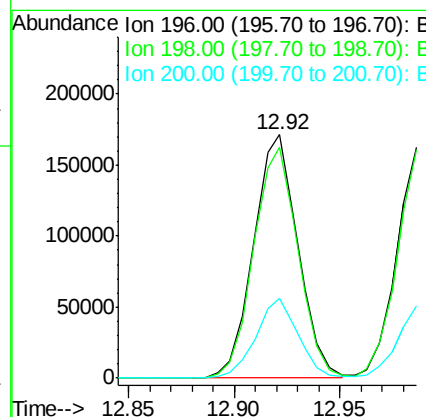
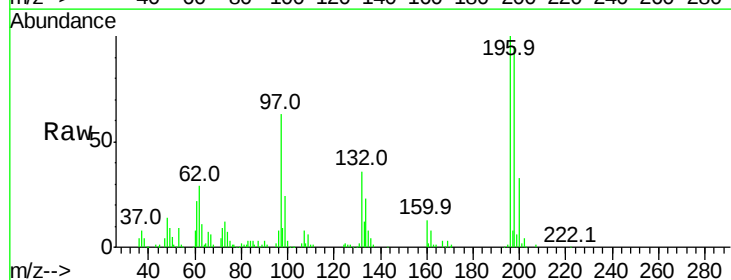
Instrument :
 BNA_M
 ClientSampleId :
 PB97904BS

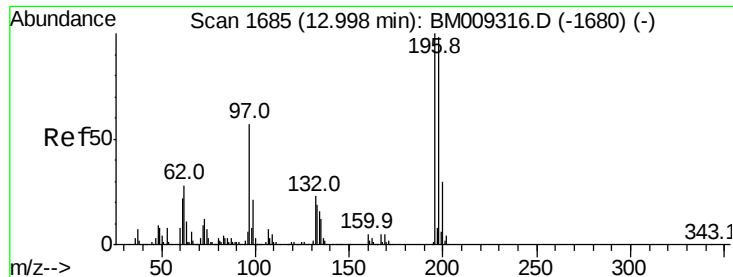
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	0.0	0.0#
141	41.8	0.0	0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 49.44 ng
 RT: 12.92 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BM009434.D
 Acq: 29 Mar 2017 16:10

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.8	76.3	114.5
200	32.6	25.6	38.4

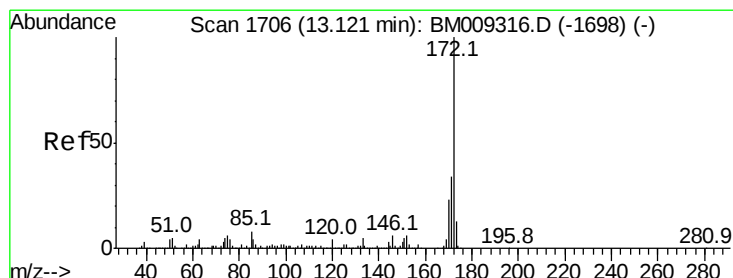
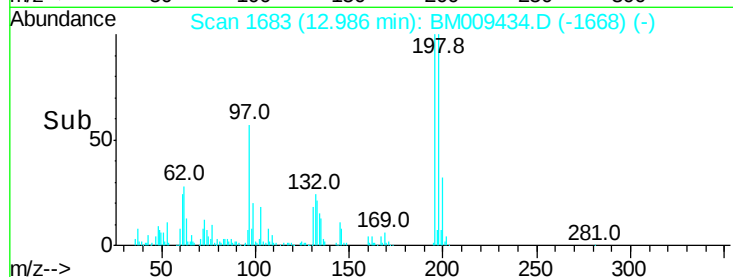
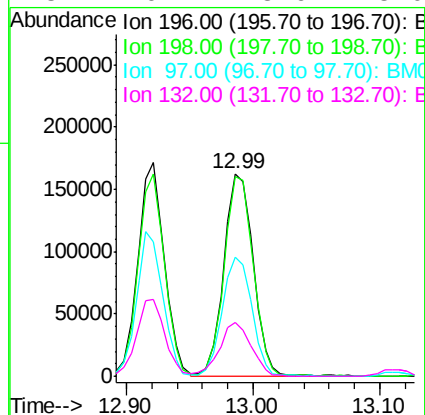
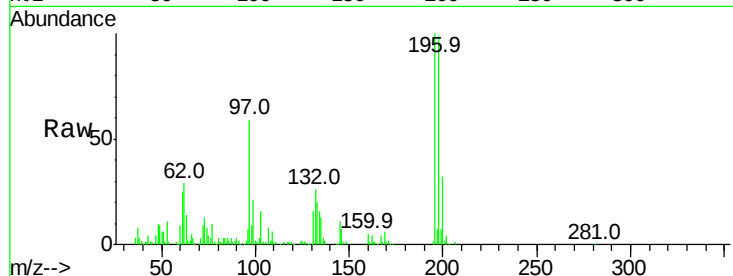




#43
2,4,5-Trichlorophenol
Concen: 46.54 ng
RT: 12.99 min Scan# 1683
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

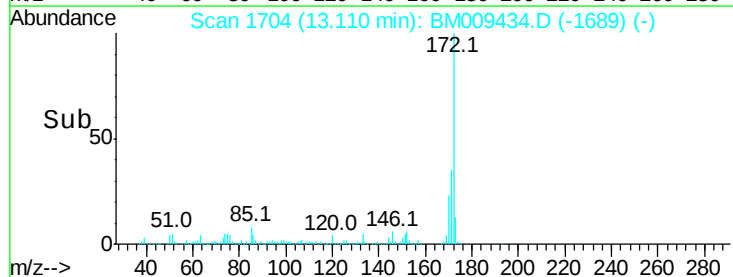
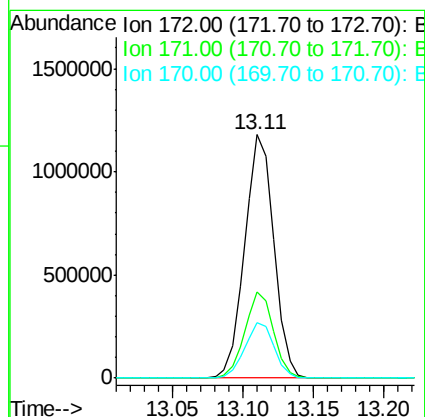
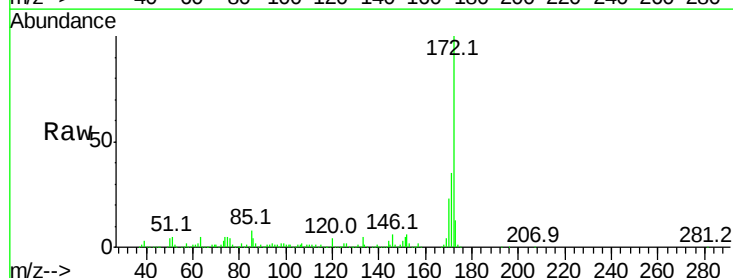
Instrument :
BNA_M
ClientSampleId :
PB97904BS

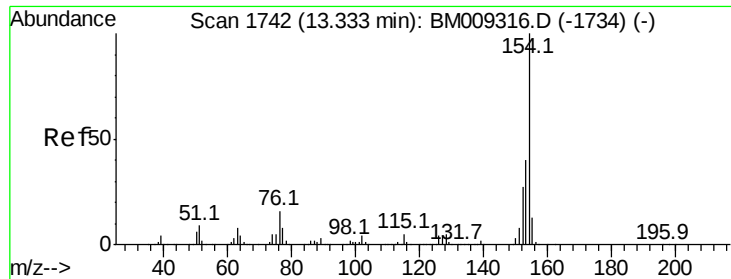
Tot Ion	Ratio	Lower	Upper
196	100		
198	98.9	79.4	119.0
97	59.0	26.8	40.2#
132	26.4	18.6	28.0



#44
2-Fluorobiphenyl
Concen: 87.84 ng
RT: 13.11 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	22.7	18.8	28.2





#45

1,1'-Biphenyl

Concen: 45.81 ng

RT: 13.33 min Scan# 1741

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

Instrument :

BNA_M

ClientSampleId :

PB97904BS

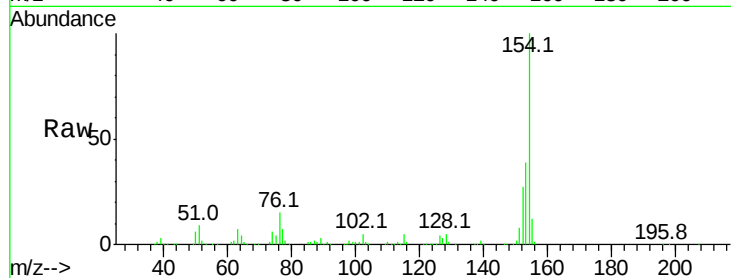
Tot Ion:154 Resp: 890440

Ion Ratio Lower Upper

154 100

153 38.7 20.7 60.7

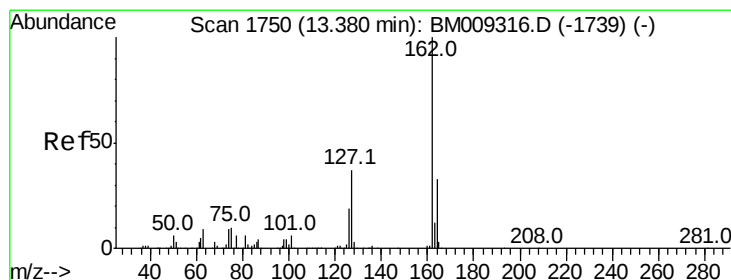
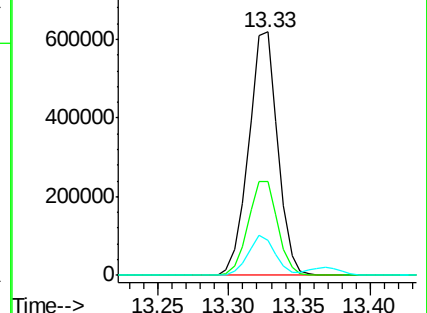
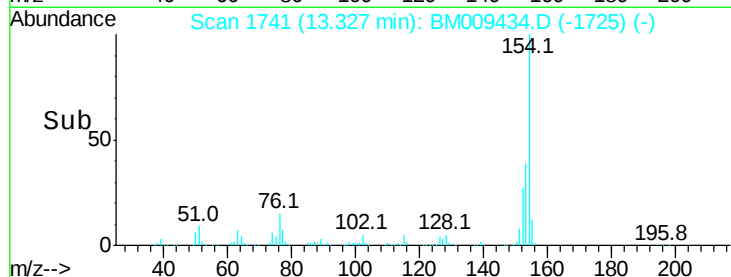
76 14.6 0.0 30.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#46

2-Chloronaphthalene

Concen: 46.48 ng

RT: 13.37 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

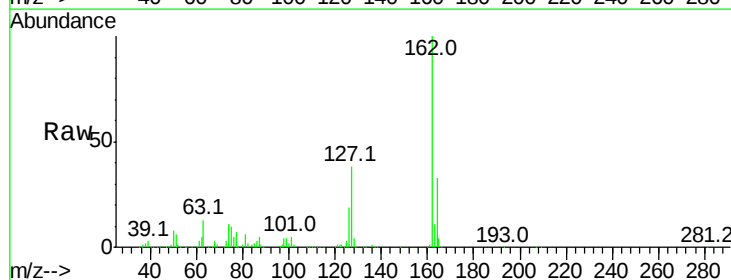
Tgt Ion:162 Resp: 701730

Ion Ratio Lower Upper

162 100

127 37.6 26.9 40.3

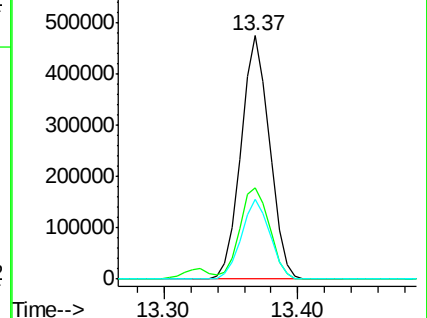
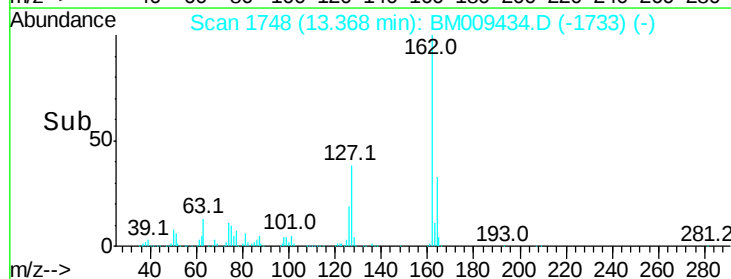
164 32.6 26.8 40.2

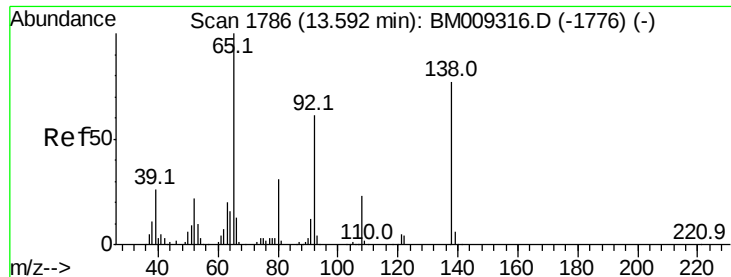


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 46.20 ng

RT: 13.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

Instrument :

BNA_M

ClientSampleId :

PB97904BS

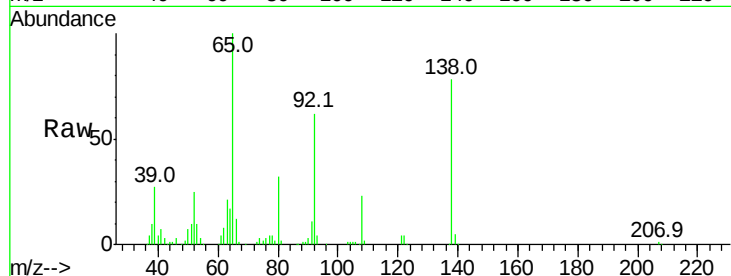
Tot Ion: 65 Resp: 256964

Ion Ratio Lower Upper

65 100

92 62.3 59.1 88.7

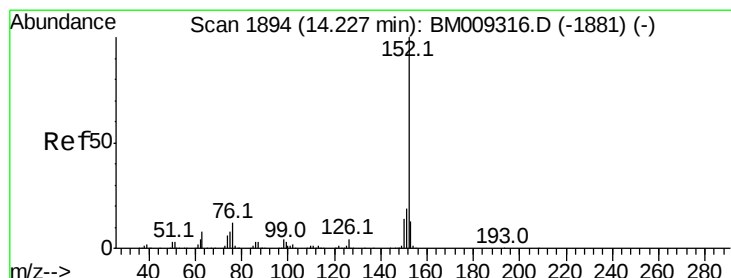
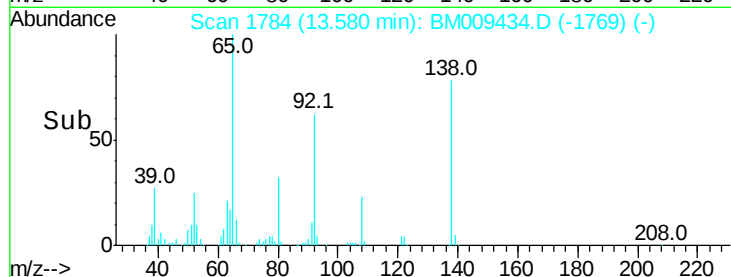
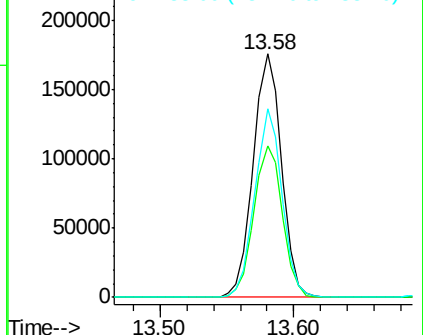
138 77.6 93.9 140.9#



Abundance Ion 65.00 (64.70 to 65.70): BM009434.D (-1776) (-)

Ion 92.00 (91.70 to 92.70): BM009434.D (-1776) (-)

Ion 138.00 (137.70 to 138.70): BM009434.D (-1776) (-)



#48

Acenaphthylene

Concen: 44.82 ng

RT: 14.22 min Scan# 1892

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

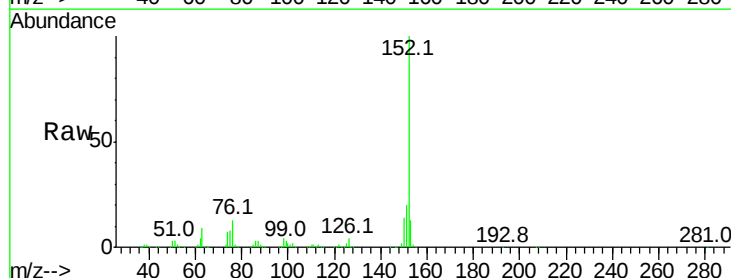
Tgt Ion:152 Resp: 1102263

Ion Ratio Lower Upper

152 100

151 19.5 15.9 23.9

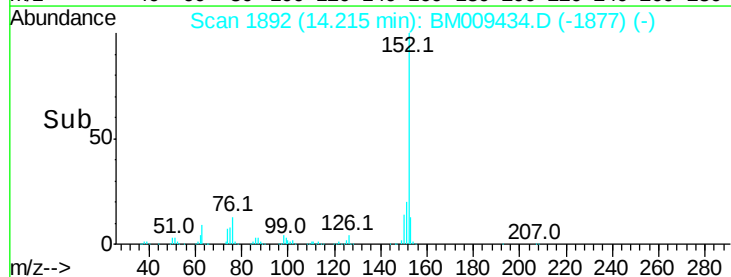
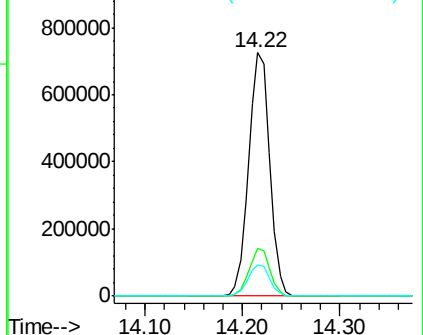
153 12.6 10.6 16.0

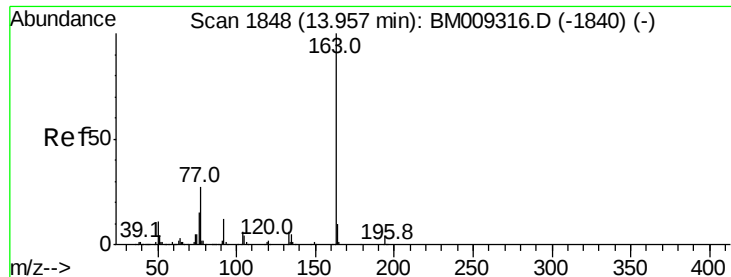


Abundance Ion 152.00 (151.70 to 152.70): BM009434.D (-1877) (-)

Ion 151.00 (150.70 to 151.70): BM009434.D (-1877) (-)

Ion 153.00 (152.70 to 153.70): BM009434.D (-1877) (-)





#49

Dimethylphthalate

Concen: 47.29 ng

RT: 13.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

Instrument :

BNA_M

ClientSampleId :

PB97904BS

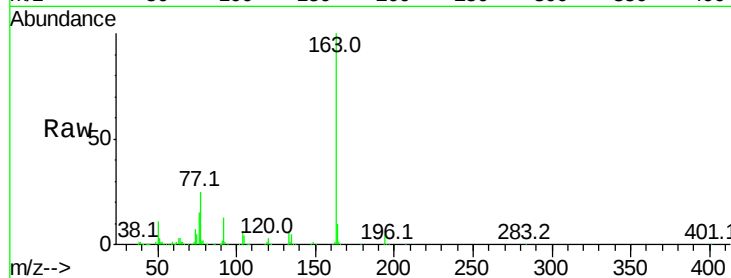
Tot Ion:163 Resp: 848095

Ion Ratio Lower Upper

163 100

194 4.5 2.7 4.1#

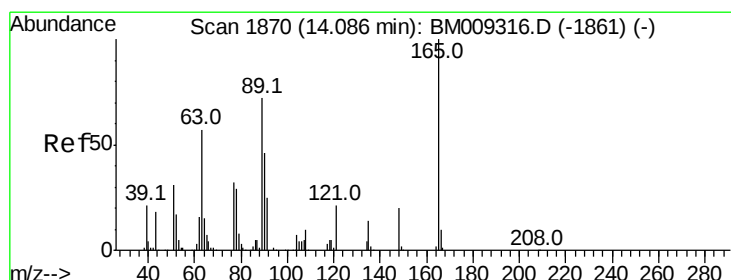
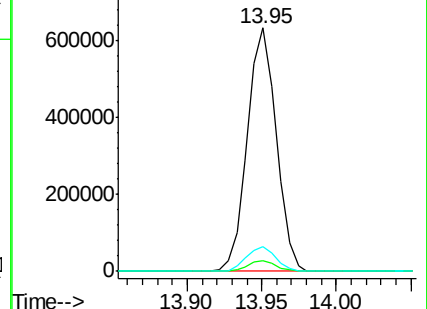
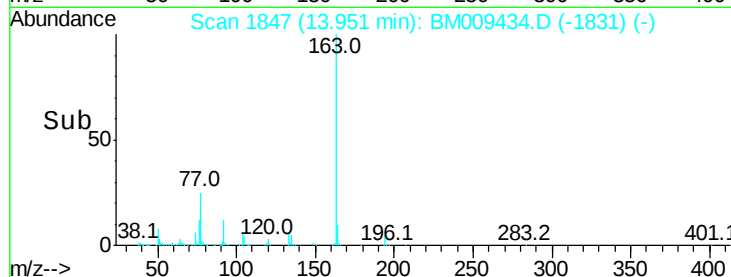
164 10.3 8.2 12.2



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: 46.98 ng

RT: 14.07 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

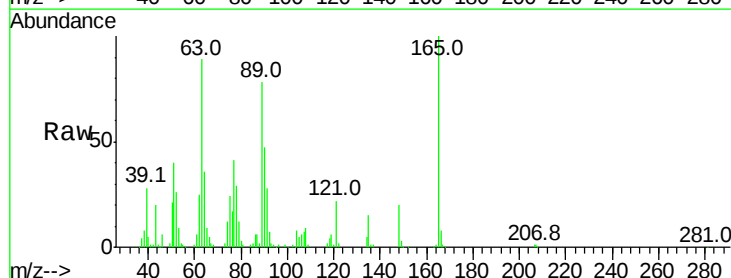
Tgt Ion:165 Resp: 181532

Ion Ratio Lower Upper

165 100

63 88.6 44.1 66.1#

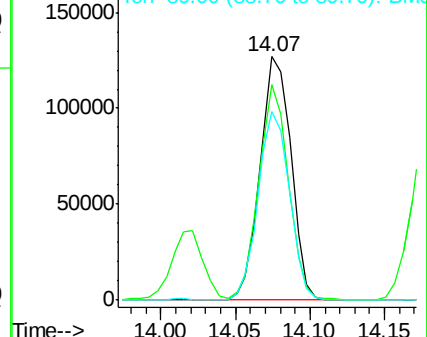
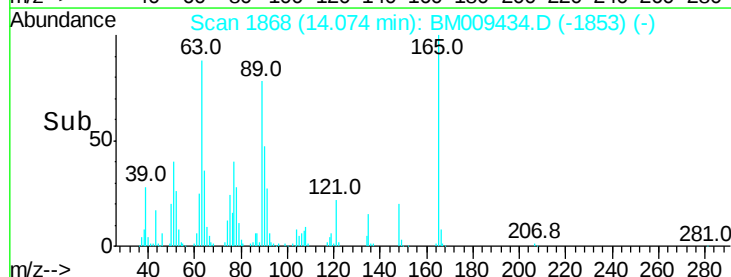
89 77.5 44.3 66.5#

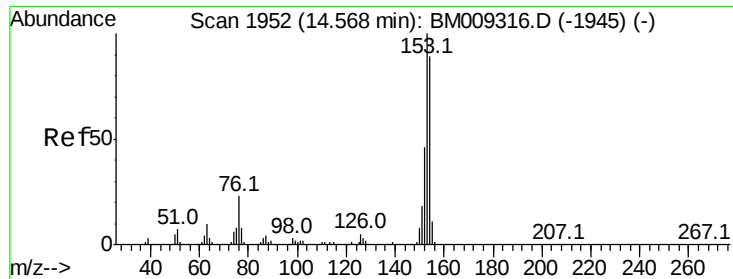


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 44.71 ng

RT: 14.56 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

Instrument :

BNA_M

ClientSampleId :

PB97904BS

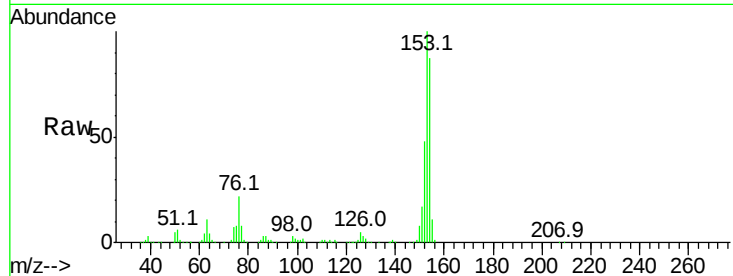
Tot Ion:154 Resp: 663332

Ion Ratio Lower Upper

154 100

153 115.1 90.0 135.0

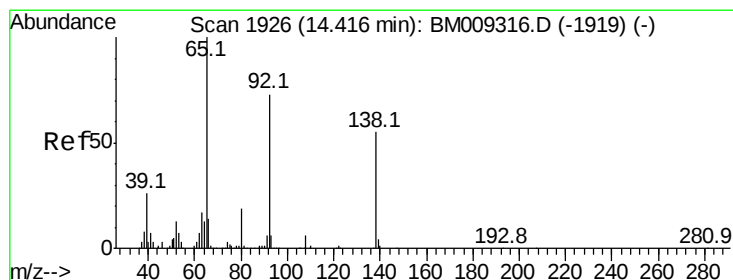
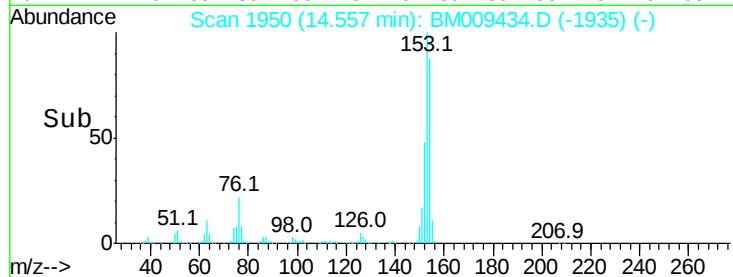
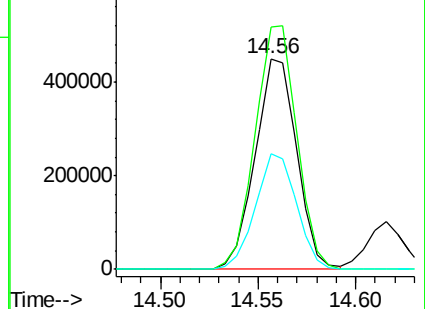
152 55.0 42.6 63.8



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: 21.10 ng

RT: 14.41 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

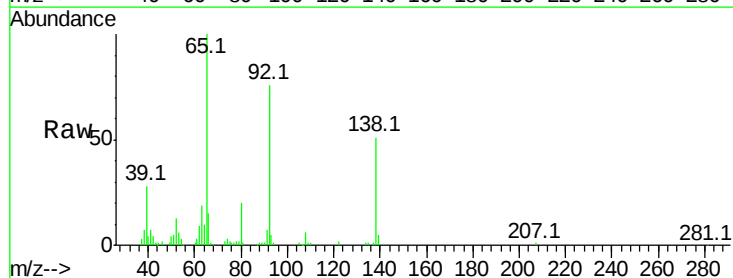
Tgt Ion:138 Resp: 80330

Ion Ratio Lower Upper

138 100

108 12.5 7.3 10.9#

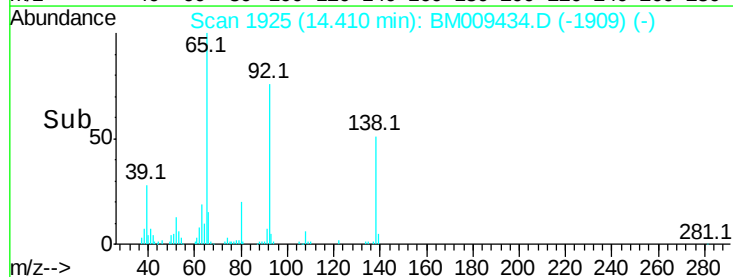
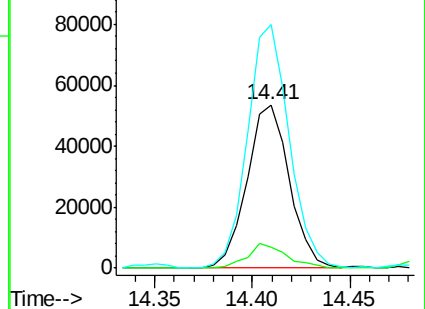
92 149.0 76.6 114.8#

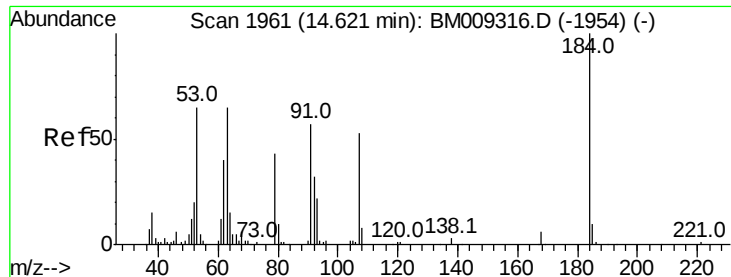


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

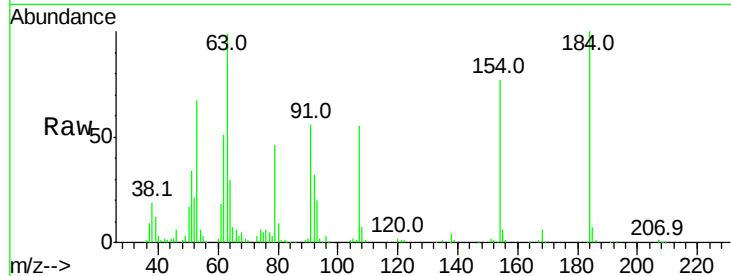




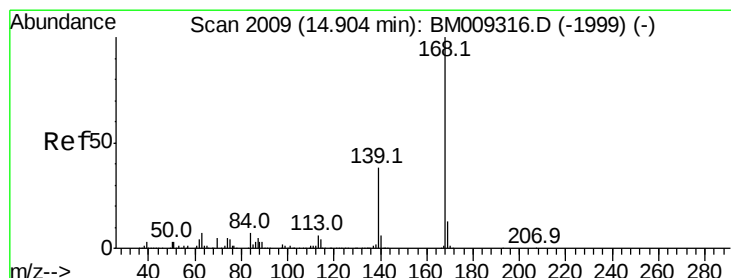
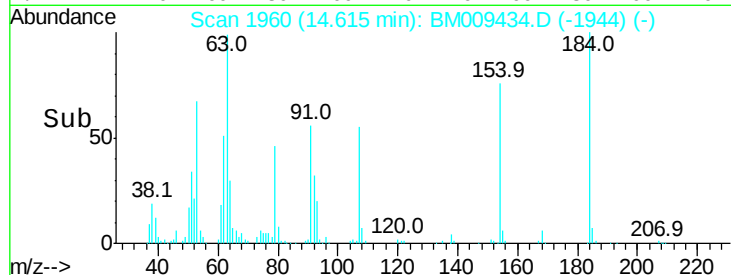
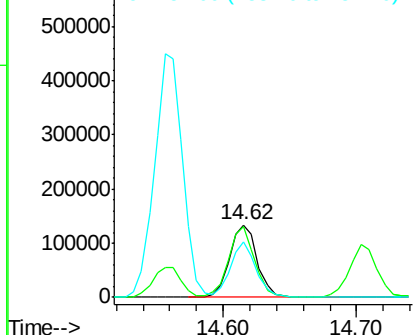
#53
2,4-Dinitrophenol
Concen: 74.65 ng
RT: 14.62 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Instrument :
BNA_M
ClientSampleId :
PB97904BS

Tot Ion:184 Resp: 193536
Ion Ratio Lower Upper
184 100
63 98.7 69.2 103.8
154 76.7 53.3 79.9

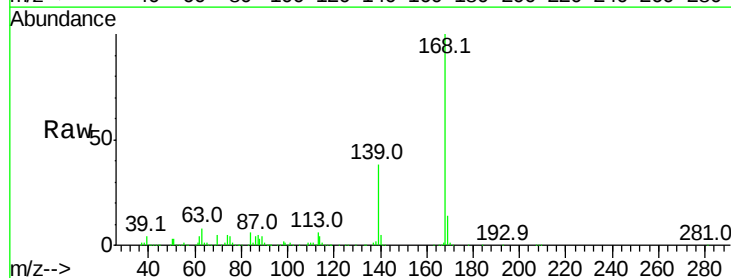


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 154.00 (153.70 to 154.70): E

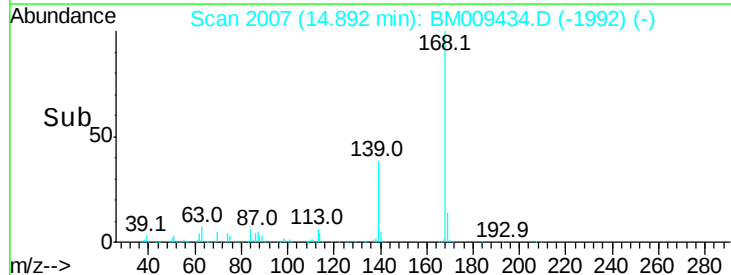
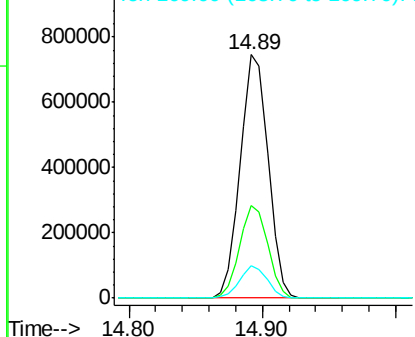


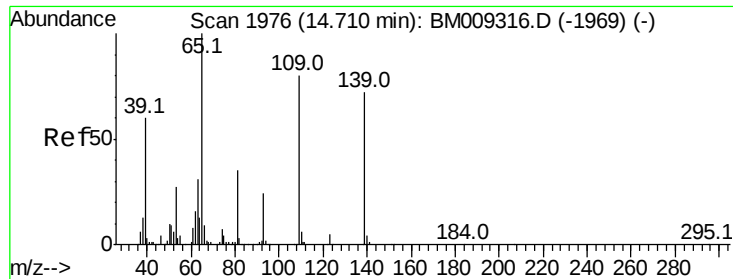
#54
Dibenzofuran
Concen: 49.28 ng
RT: 14.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Tgt Ion:168 Resp: 1081283
Ion Ratio Lower Upper
168 100
139 37.9 27.3 40.9
169 13.6 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: 94.77 ng

RT: 14.70 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

Instrument :

BNA_M

ClientSampleId :

PB97904BS

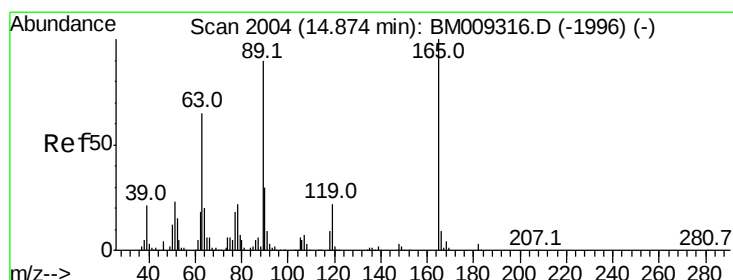
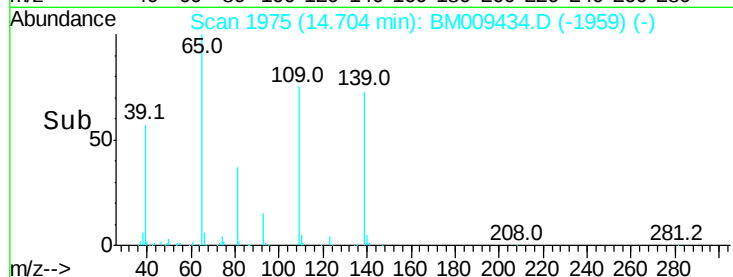
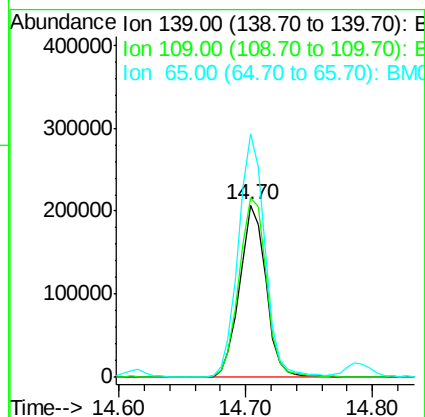
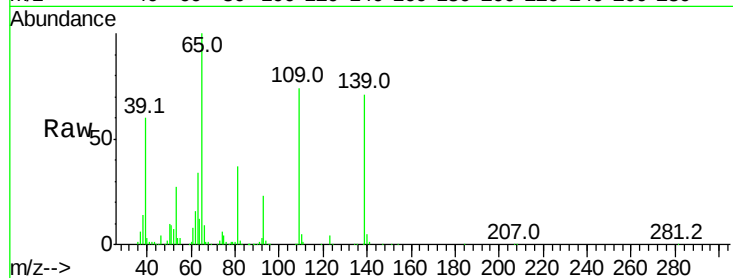
Tot Ion:139 Resp: 298214

Ion Ratio Lower Upper

139 100

109 104.0 37.7 77.7#

65 141.4 49.9 89.9#



#56

2,4-Dinitrotoluene

Concen: 48.42 ng

RT: 14.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

Tgt Ion:165 Resp: 253151

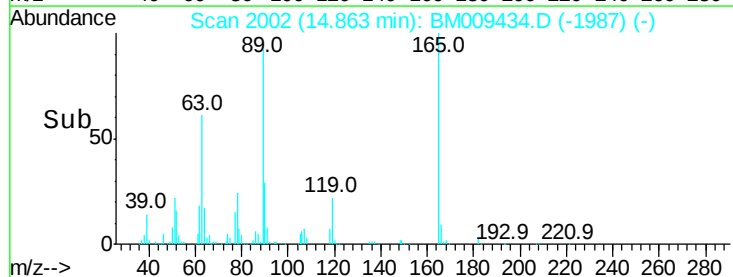
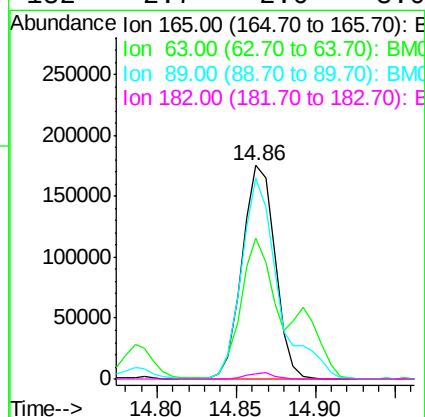
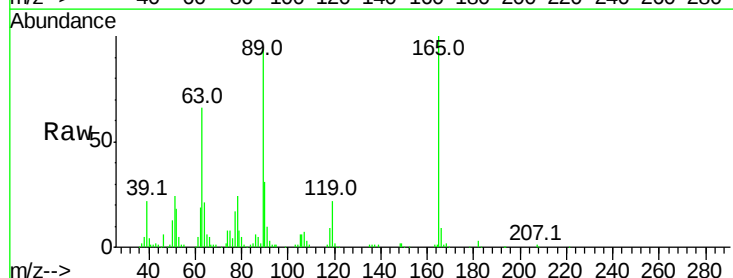
Ion Ratio Lower Upper

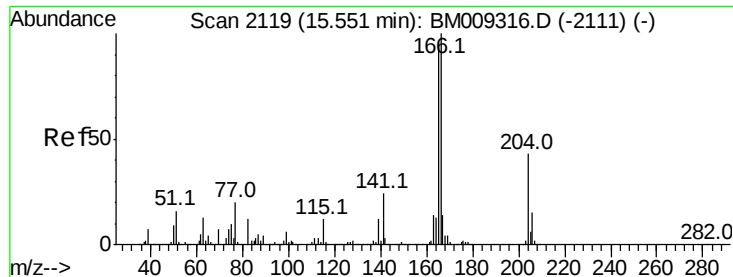
165 100

63 65.9 52.4 78.6

89 94.2 72.4 108.6

182 2.7 2.0 3.0





#57

Fluorene

Concen: 44.06 ng

RT: 15.54 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

Instrument :

BNA_M

ClientSampleId :

PB97904BS

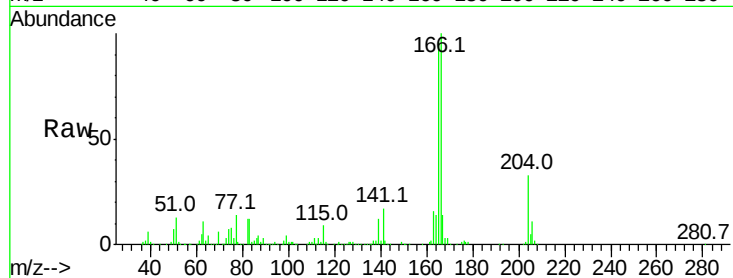
Tot Ion:166 Resp: 868887

Ion Ratio Lower Upper

166 100

165 95.8 79.0 118.4

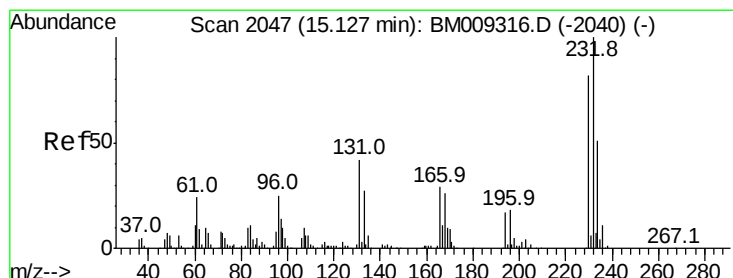
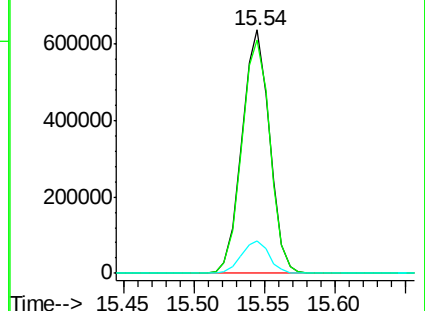
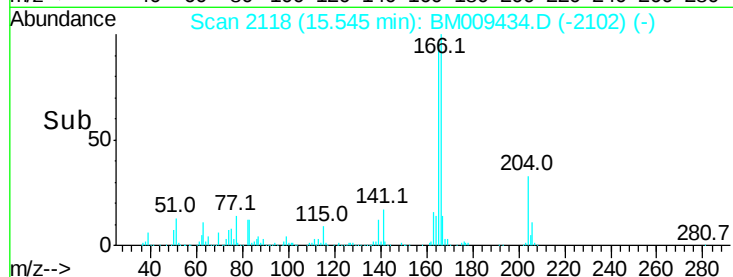
167 13.5 10.3 15.5



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: 50.54 ng

RT: 15.12 min Scan# 2045

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

Tgt Ion:232 Resp: 240458

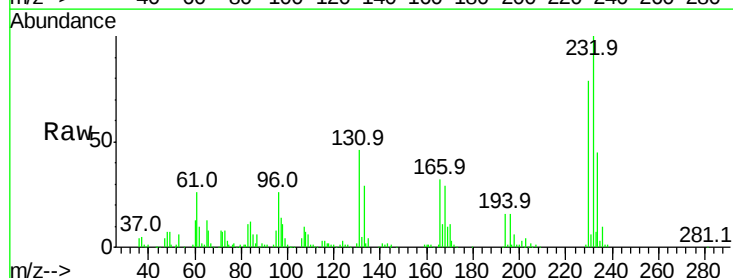
Ion Ratio Lower Upper

232 100

131 45.2 0.0 0.0#

130 2.5 0.0 0.0#

166 31.2 0.0 0.0#

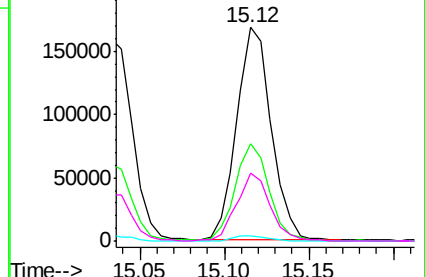
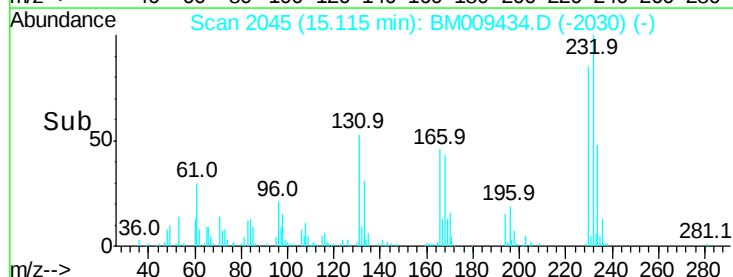


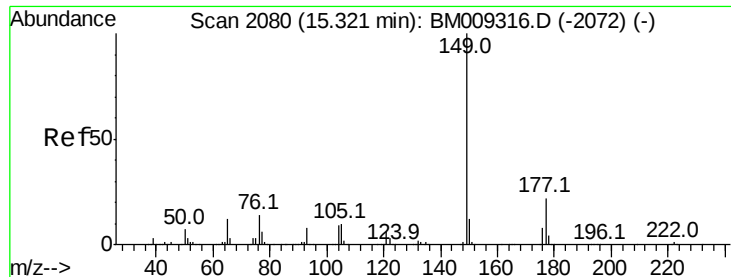
Abundance Ion 232.00 (231.70 to 232.70): E

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: 46.69 ng

RT: 15.32 min Scan# 2079

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

Instrument :

BNA_M

ClientSampleId :

PB97904BS

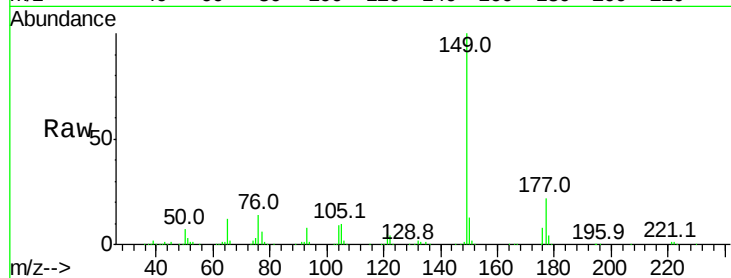
Tot Ion:149 Resp: 849346

Ion Ratio Lower Upper

149 100

177 22.0 18.3 27.5

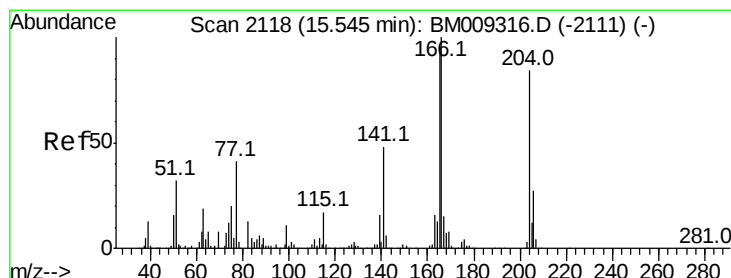
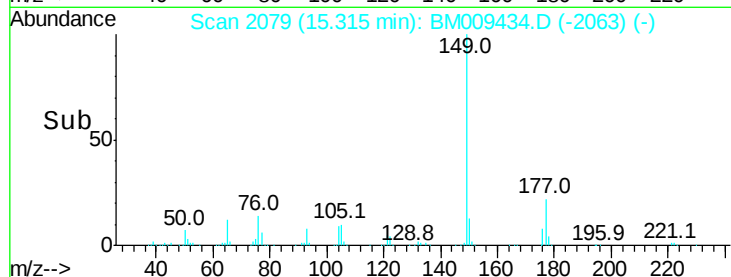
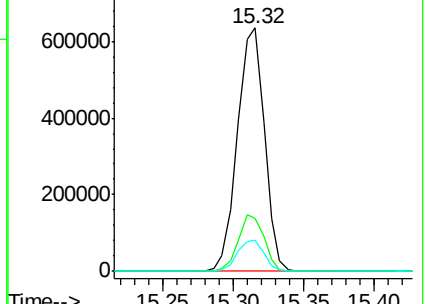
150 12.8 9.8 14.8



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: 44.71 ng

RT: 15.54 min Scan# 2117

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

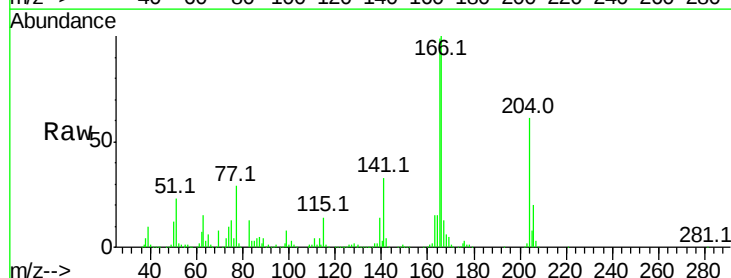
Tgt Ion:204 Resp: 460465

Ion Ratio Lower Upper

204 100

206 32.6 26.6 39.8

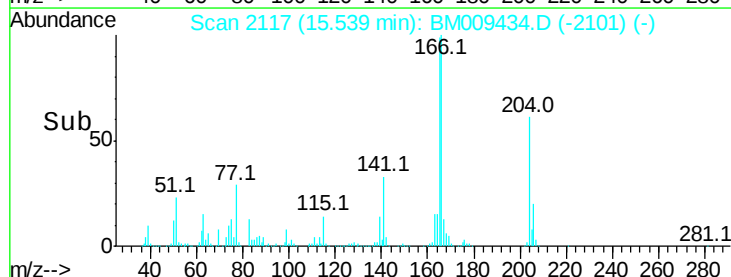
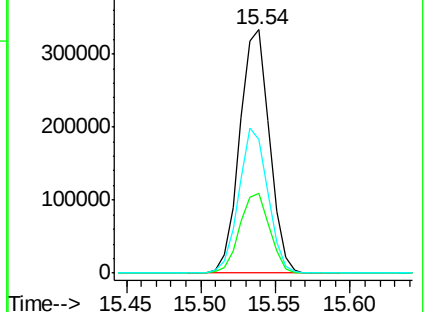
141 54.7 45.2 67.8

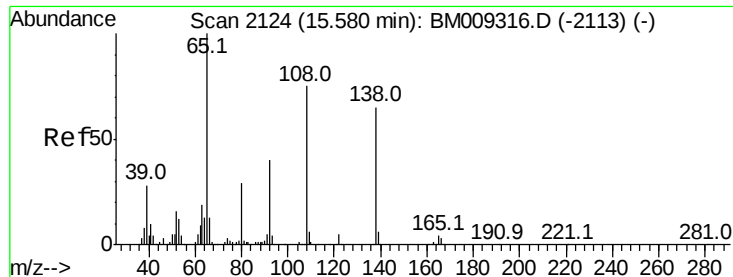


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

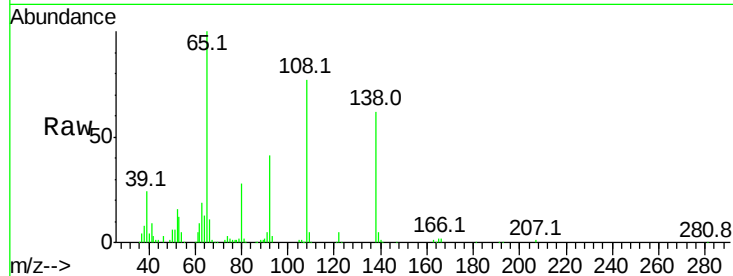




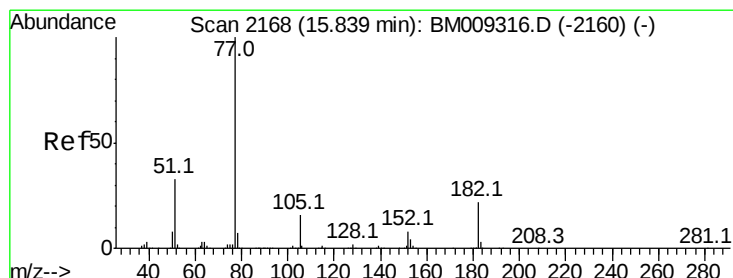
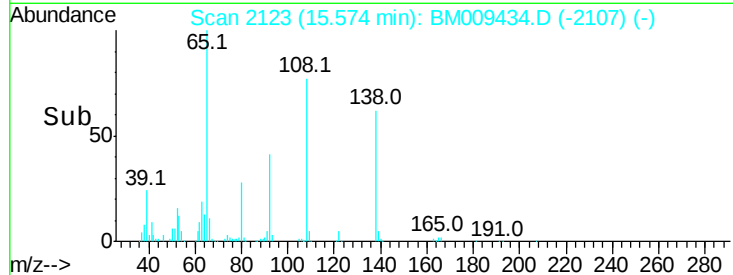
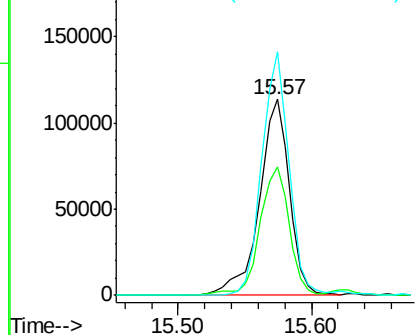
#61
4-Nitroaniline
Concen: 42.71 ng
RT: 15.57 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Instrument :
BNA_M
ClientSampleId :
PB97904BS

Tot Ion:138 Resp: 176616
Ion Ratio Lower Upper
138 100
92 65.8 16.7 56.7#
108 124.1 37.6 77.6#

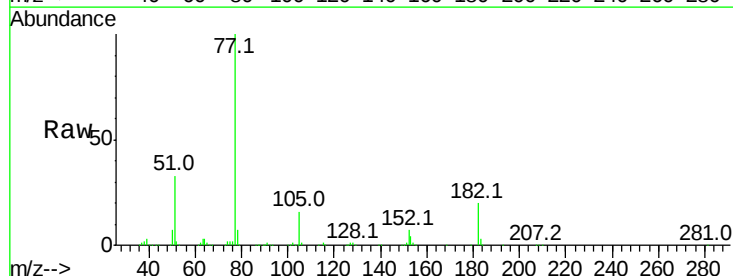


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM
Ion 108.00 (107.70 to 108.70): E

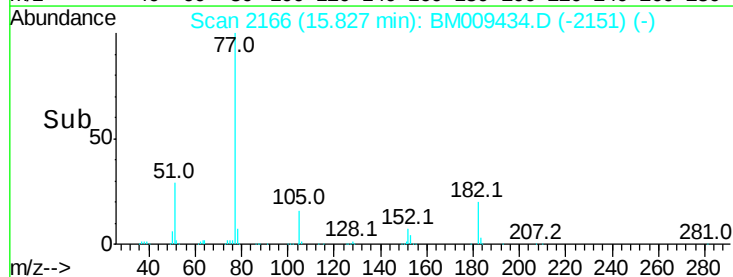
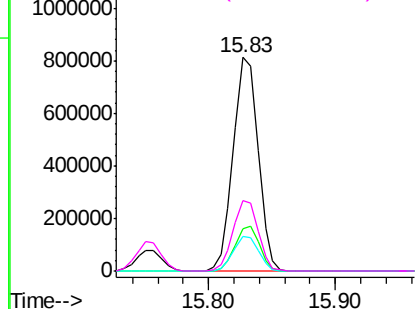


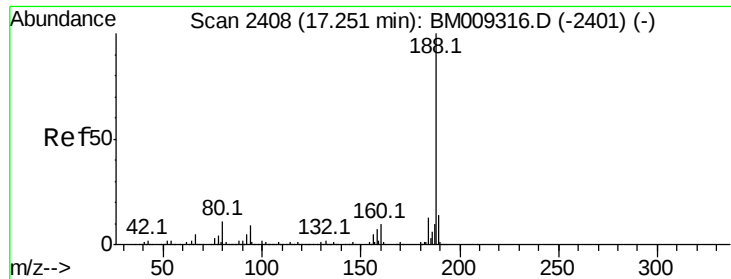
#62
Azobenzene
Concen: 51.97 ng
RT: 15.83 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Tgt Ion: 77 Resp: 1103581
Ion Ratio Lower Upper
77 100
182 19.7 6.5 46.5
105 16.0 3.8 43.8
51 33.0 5.5 45.5



Abundance Ion 77.00 (76.70 to 77.70): BM
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): BM





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.24 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

Instrument :

BNA_M

ClientSampleId :

PB97904BS

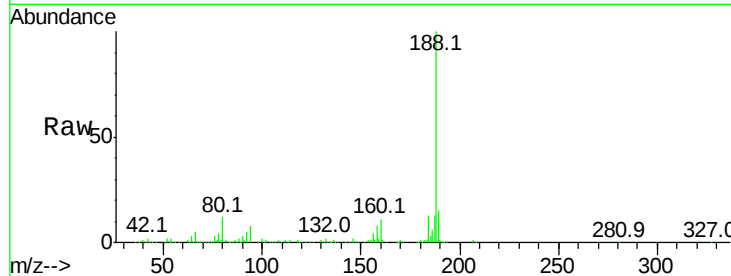
Tot Ion:188 Resp: 526249

Ion Ratio Lower Upper

188 100

94 8.2 8.7 13.1#

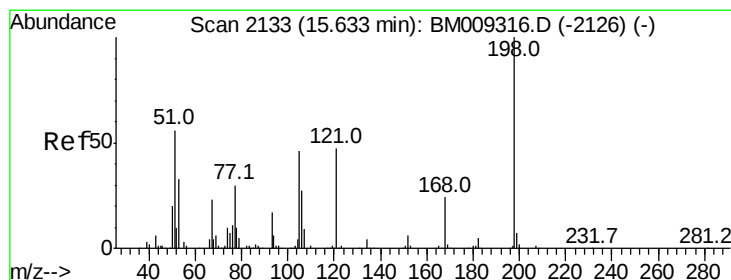
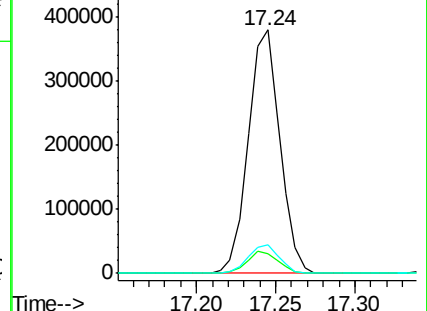
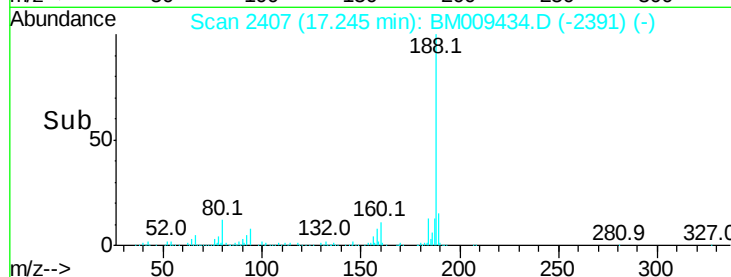
80 11.8 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#64

4,6-Dinitro-2-methylphenol

Concen: 43.11 ng

RT: 15.63 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

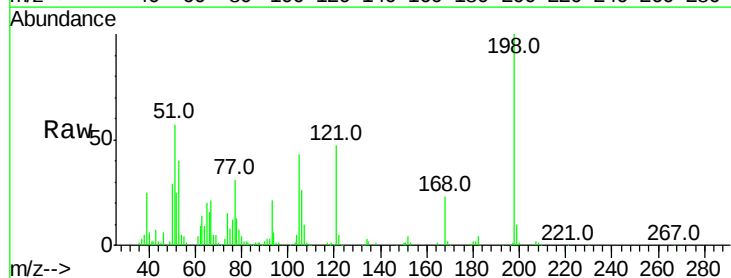
Tgt Ion:198 Resp: 142927

Ion Ratio Lower Upper

198 100

51 57.4 28.8 68.8

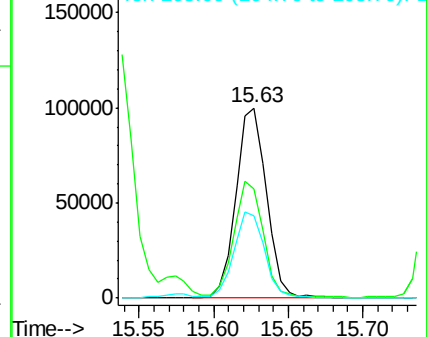
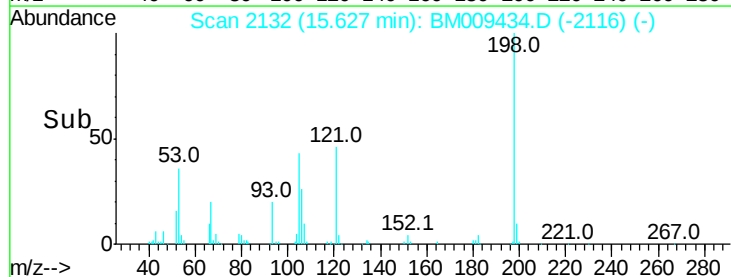
105 43.0 30.5 70.5

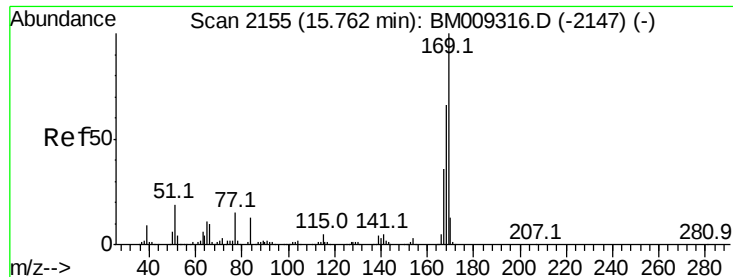


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 47.37 ng

RT: 15.76 min Scan# 2154

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

Instrument :

BNA_M

ClientSampleId :

PB97904BS

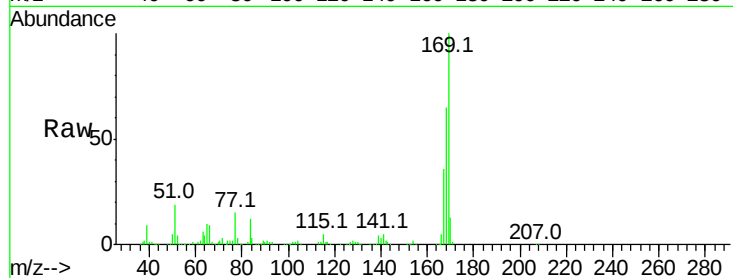
Tot Ion:169 Resp: 757306

Ion Ratio Lower Upper

169 100

168 65.3 53.9 80.9

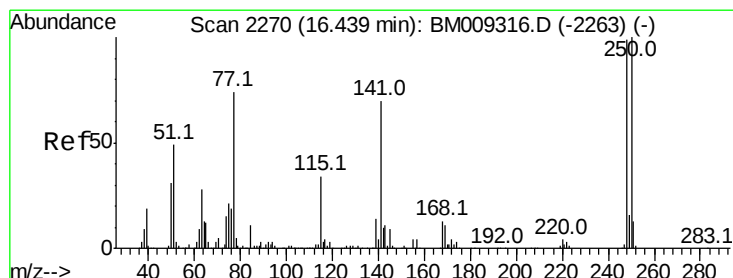
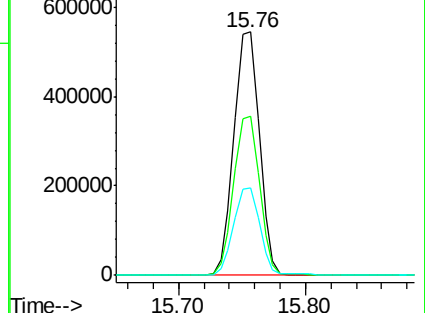
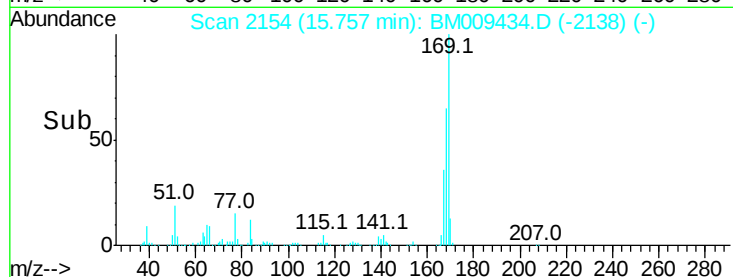
167 36.0 28.9 43.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 45.62 ng

RT: 16.43 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

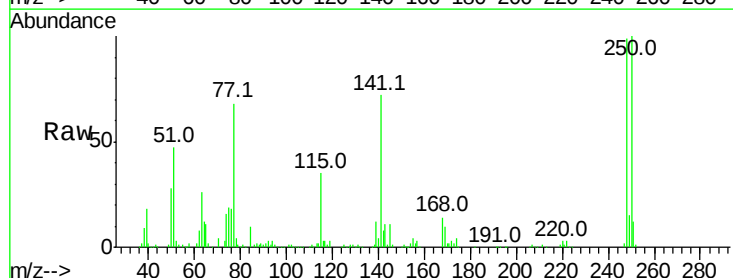
Tgt Ion:248 Resp: 278152

Ion Ratio Lower Upper

248 100

250 101.4 77.4 116.0

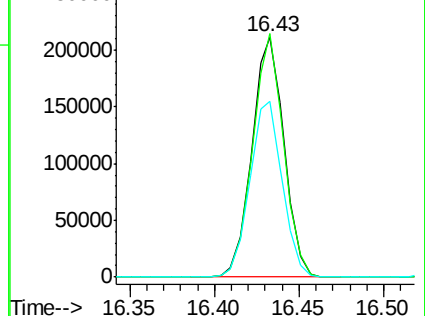
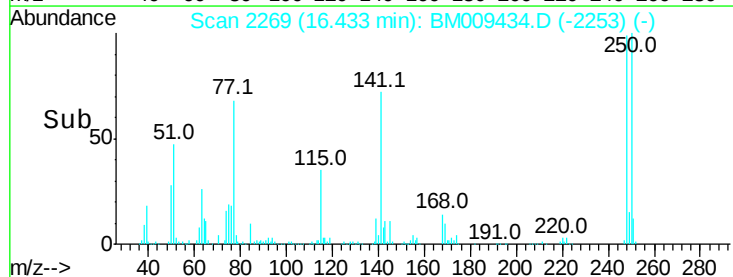
141 73.0 45.2 67.8#

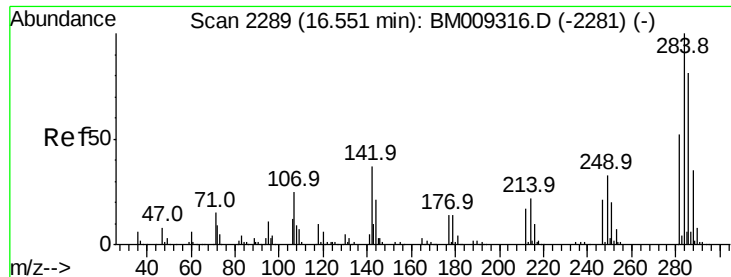


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

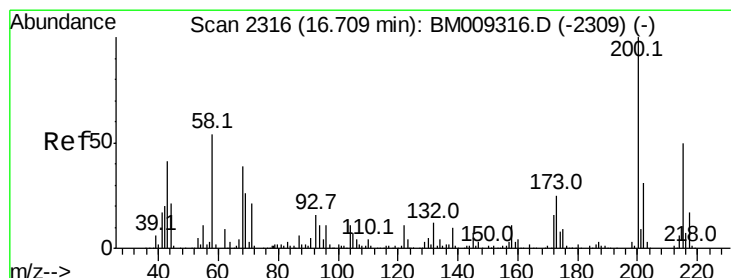
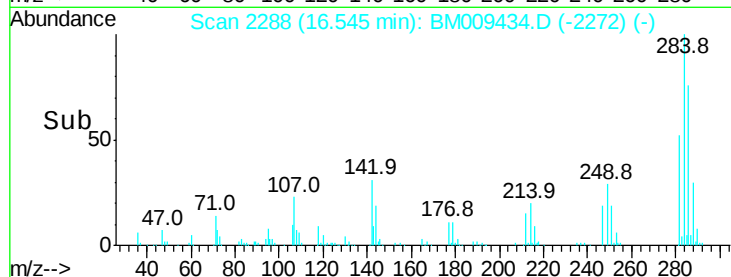
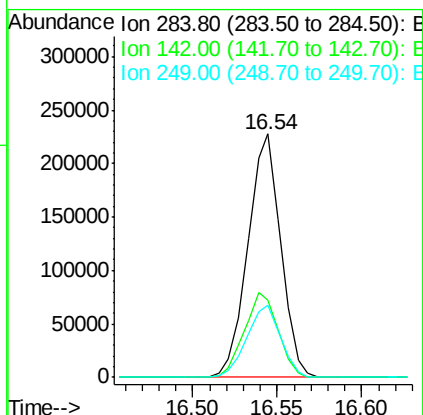
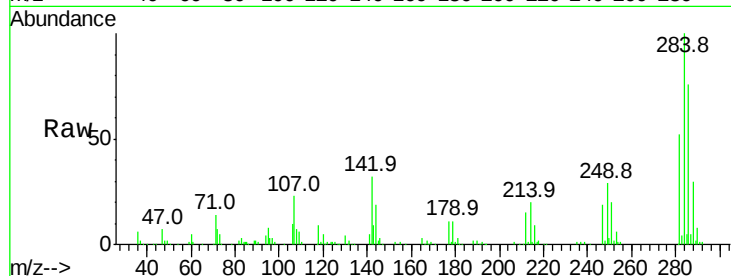




#67
Hexachlorobenzene
Concen: 46.08 ng
RT: 16.54 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

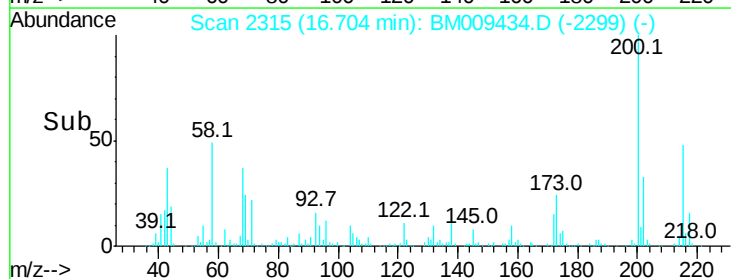
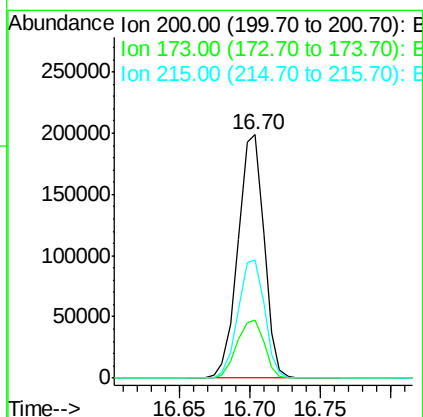
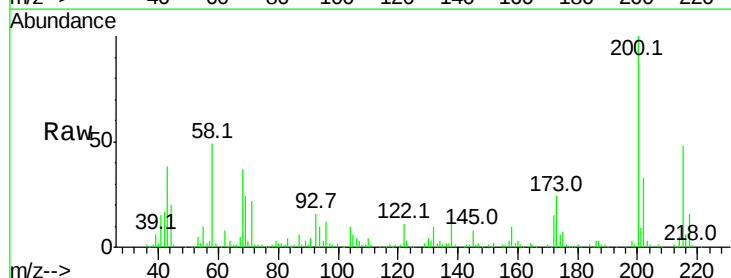
Instrument :
BNA_M
ClientSampleId :
PB97904BS

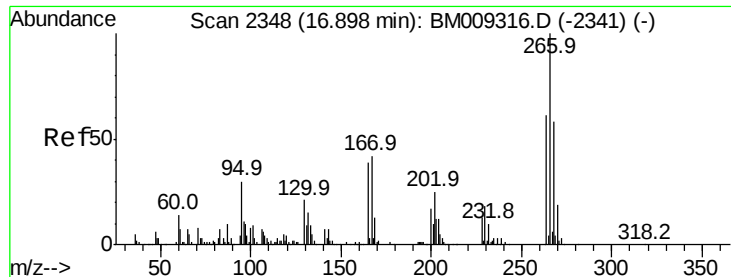
Tot Ion:284 Resp: 307988
Ion Ratio Lower Upper
284 100
142 31.6 20.4 30.6#
249 29.4 23.8 35.6



#68
Atrazine
Concen: 42.72 ng
RT: 16.70 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Tgt Ion:200 Resp: 256818
Ion Ratio Lower Upper
200 100
173 24.0 4.8 44.8
215 48.4 26.9 66.9

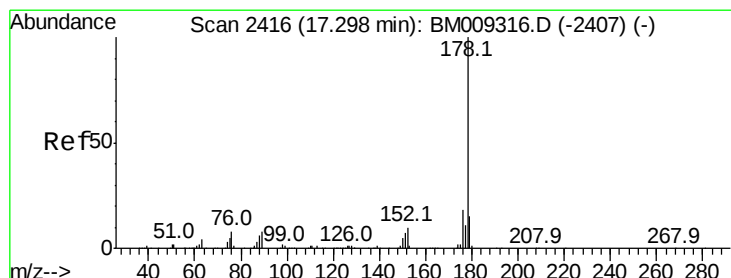
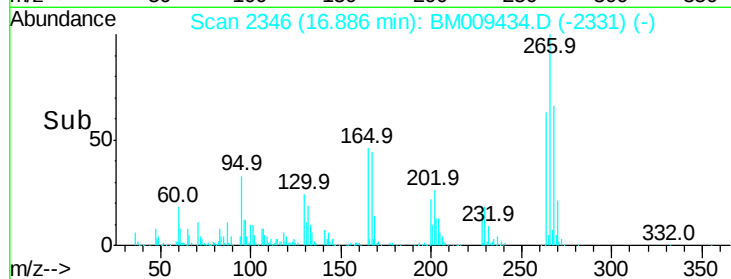
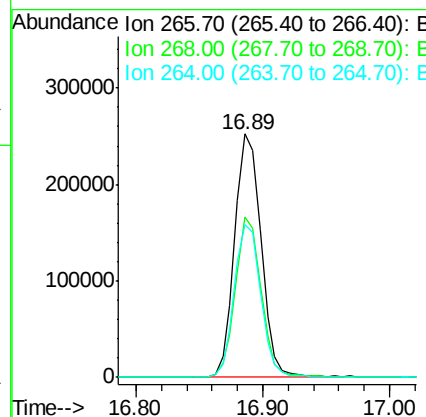
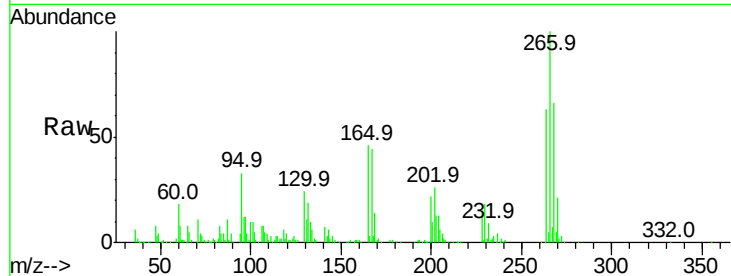




#69
 Pentachlorophenol
 Concen: 89.47 ng
 RT: 16.89 min Scan# 2346
 Delta R.T. -0.01 min
 Lab File: BM009434.D
 Acq: 29 Mar 2017 16:10

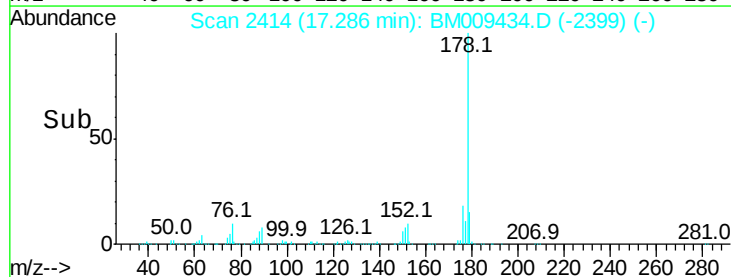
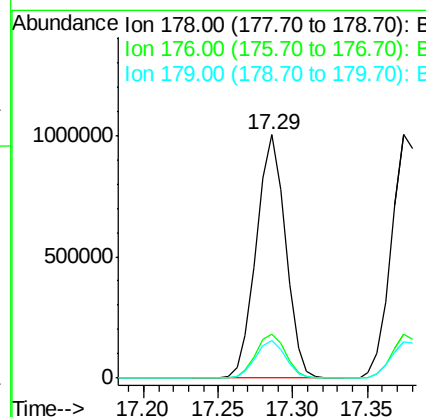
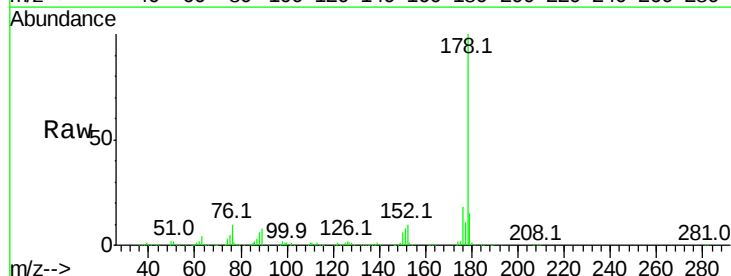
Instrument :
 BNA_M
 ClientSampleId :
 PB97904BS

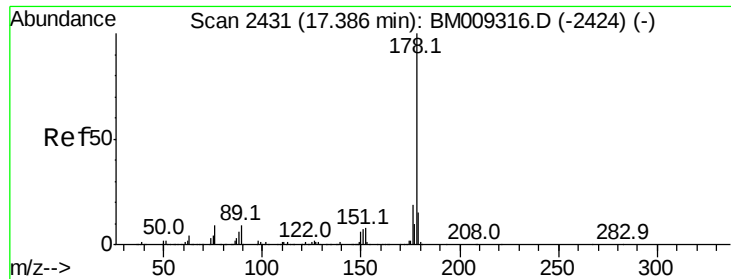
Tot Ion:266 Resp: 365271
 Ion Ratio Lower Upper
 266 100
 268 66.0 52.0 78.0
 264 62.9 49.0 73.4



#70
 Phenanthrene
 Concen: 44.90 ng
 RT: 17.29 min Scan# 2414
 Delta R.T. -0.01 min
 Lab File: BM009434.D
 Acq: 29 Mar 2017 16:10

Tgt Ion:178 Resp: 1351241
 Ion Ratio Lower Upper
 178 100
 176 18.2 15.2 22.8
 179 15.2 12.1 18.1



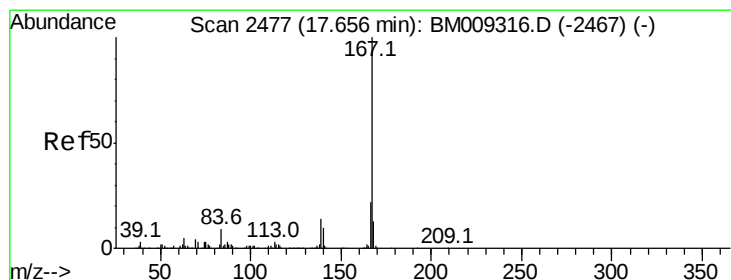
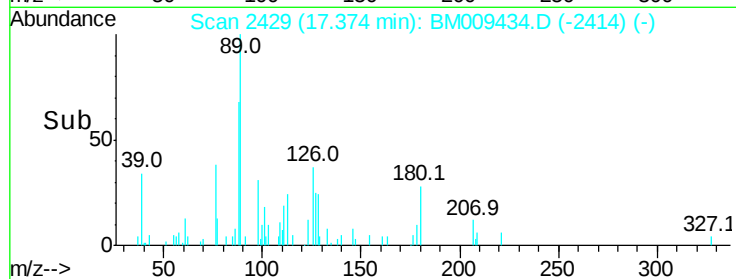
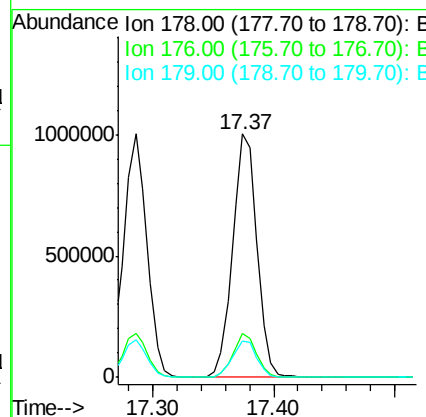
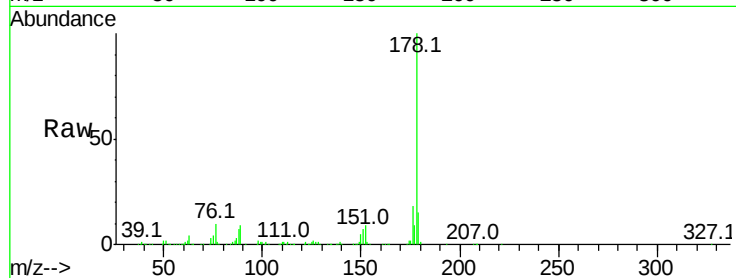


#71
 Anthracene
 Concen: 45.95 ng
 RT: 17.37 min Scan# 2429
 Delta R.T. -0.01 min
 Lab File: BM009434.D
 Acq: 29 Mar 2017 16:10

Instrument :
 BNA_M
 ClientSampleId :
 PB97904BS

Tot Ion:178 Resp: 1400037

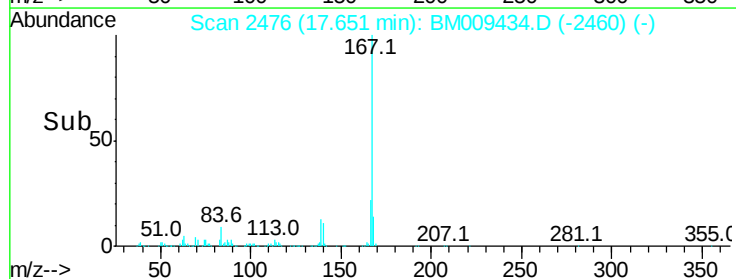
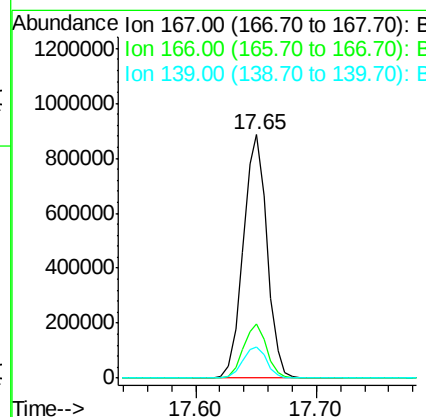
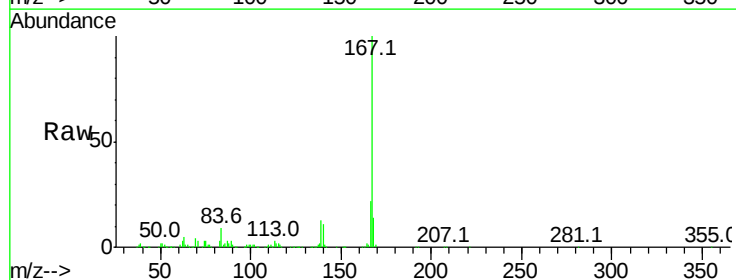
Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	22.0
179	14.9	12.6	19.0

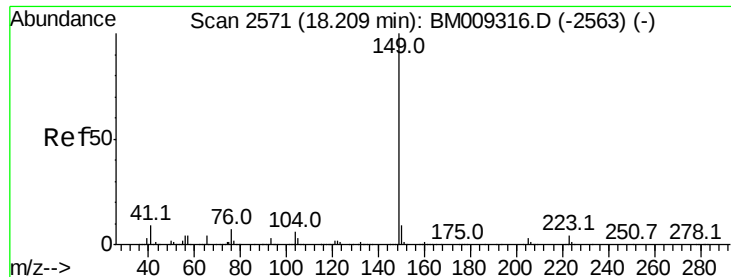


#72
 Carbazole
 Concen: 41.58 ng
 RT: 17.65 min Scan# 2476
 Delta R.T. -0.01 min
 Lab File: BM009434.D
 Acq: 29 Mar 2017 16:10

Tgt Ion:167 Resp: 1213102

Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.2	25.8
139	12.8	10.8	16.2





#73

Di-n-butylphthalate

Concen: 46.21 ng

RT: 18.20 min Scan# 2569

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

Instrument :

BNA_M

ClientSampleId :

PB97904BS

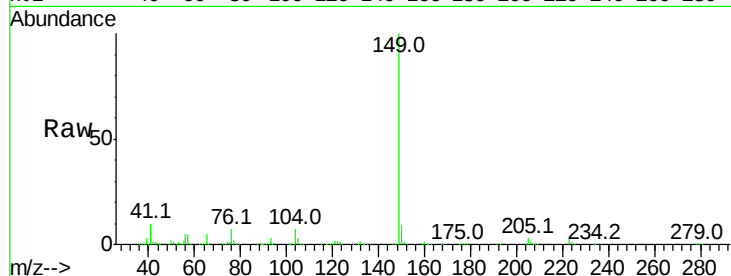
Tot Ion:149 Resp: 1377311

Ion Ratio Lower Upper

149 100

150 9.0 7.5 11.3

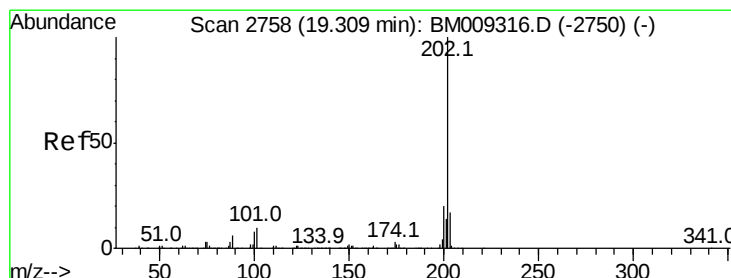
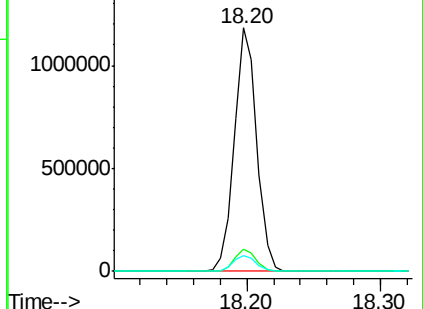
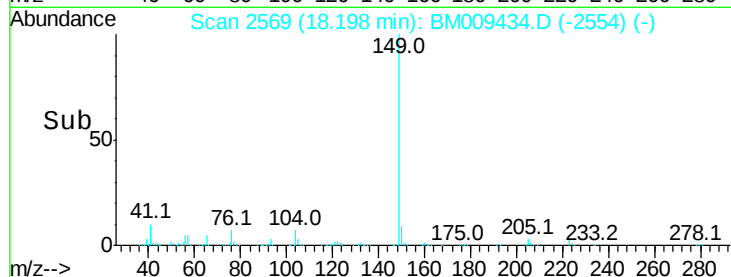
104 6.6 3.7 5.5#



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: 44.06 ng

RT: 19.30 min Scan# 2756

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

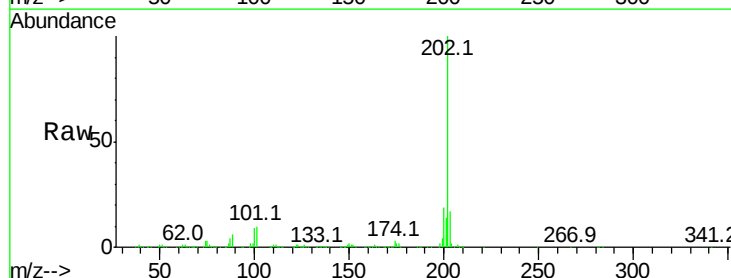
Tgt Ion:202 Resp: 1570390

Ion Ratio Lower Upper

202 100

101 10.0 0.0 28.7

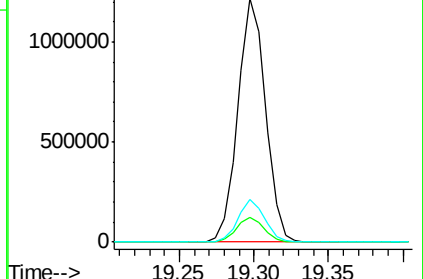
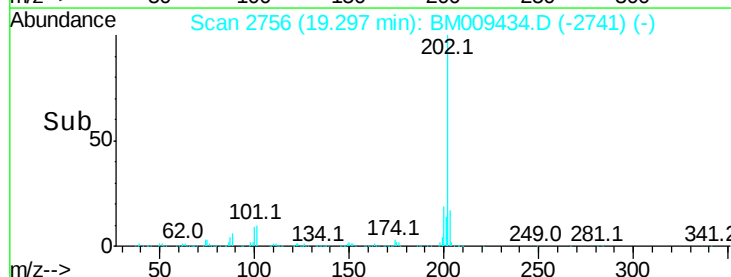
203 17.4 0.0 37.2

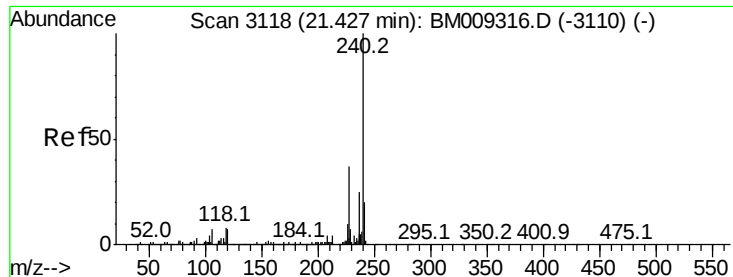


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

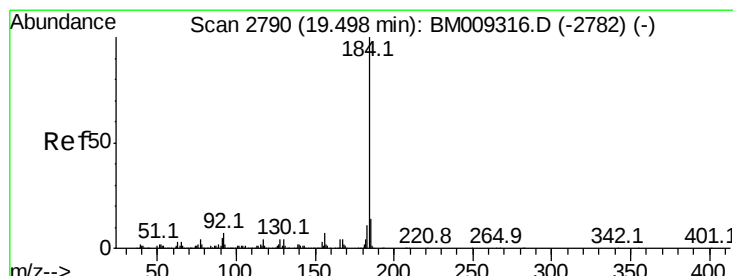
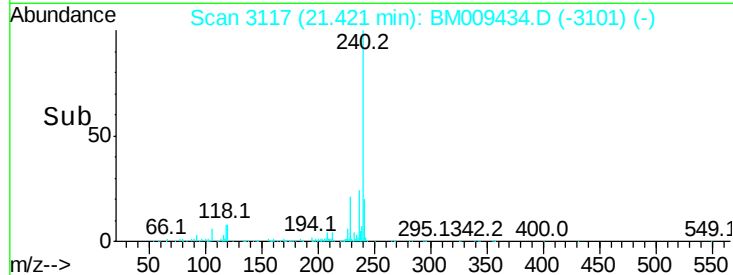
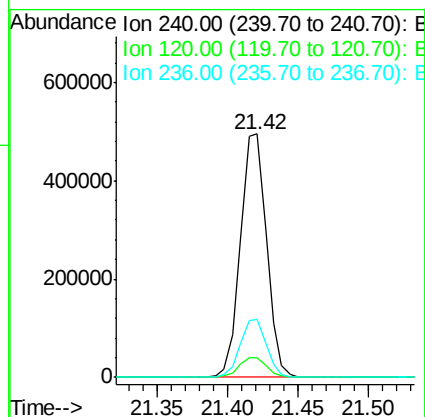
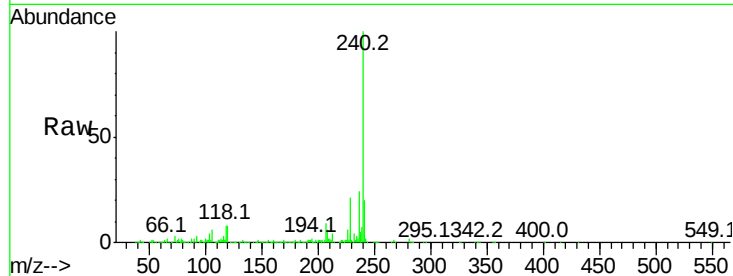




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 21.42 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BM009434.D
 Acq: 29 Mar 2017 16:10

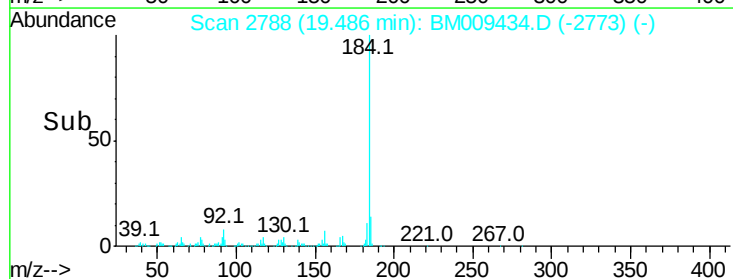
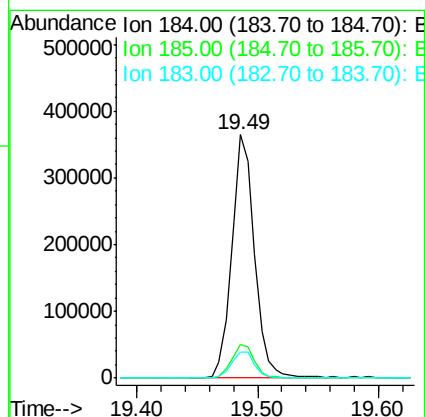
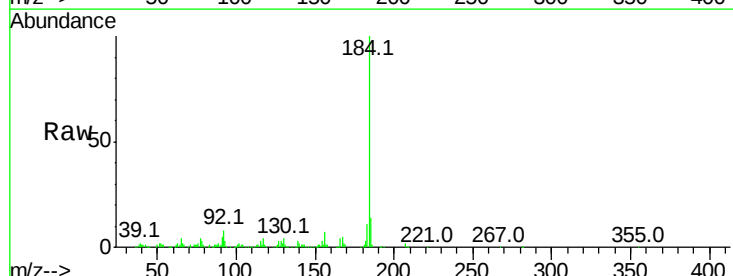
Instrument :
 BNA_M
 ClientSampleId :
 PB97904BS

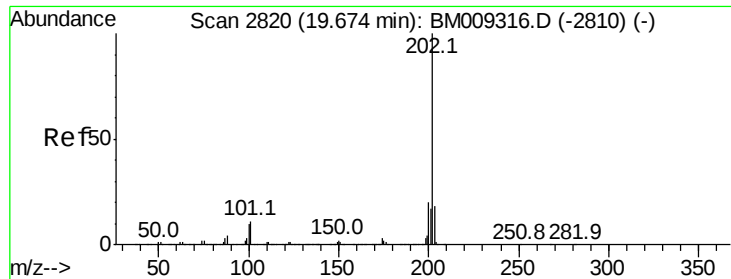
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.2	8.2	12.2
236	24.0	20.0	30.0



#76
 Benzidine
 Concen: 25.08 ng
 RT: 19.49 min Scan# 2788
 Delta R.T. -0.01 min
 Lab File: BM009434.D
 Acq: 29 Mar 2017 16:10

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.3	16.9
183	10.8	8.9	13.3

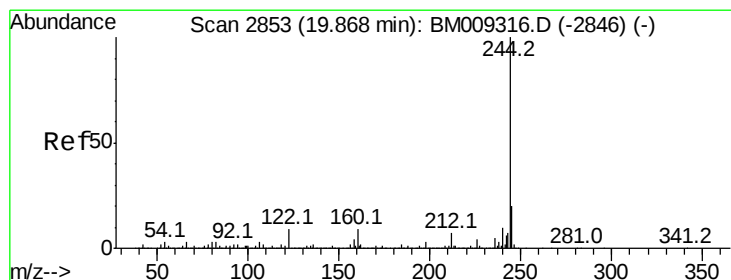
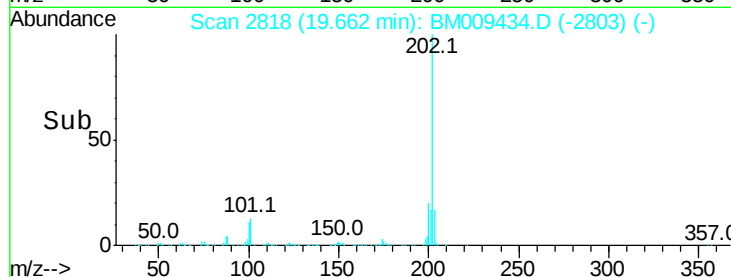
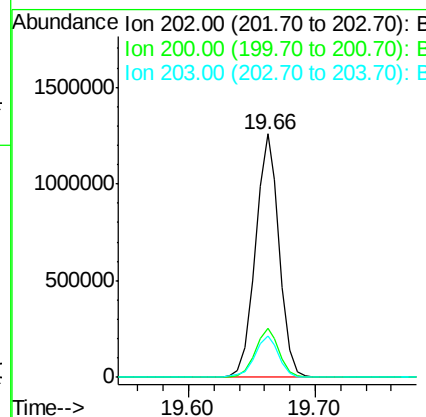
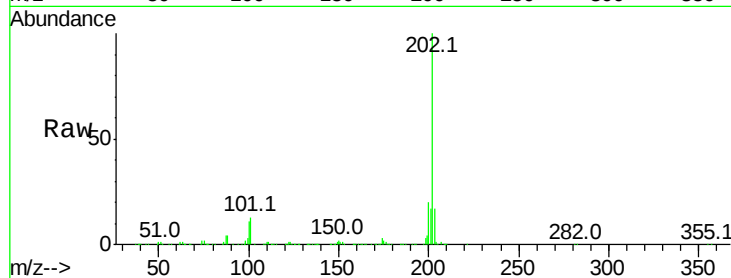




#77
Pvrene
Concen: 44.93 ng
RT: 19.66 min Scan# 2818
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

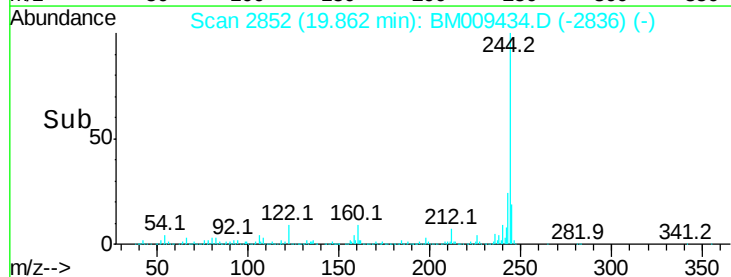
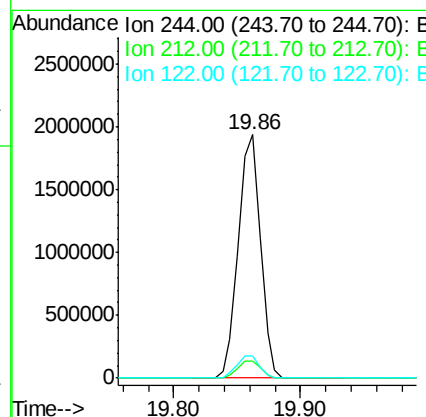
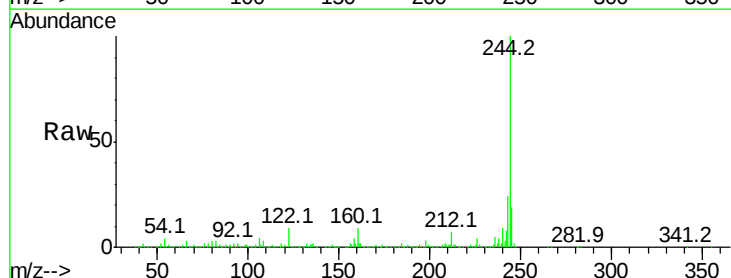
Instrument :
BNA_M
ClientSampleId :
PB97904BS

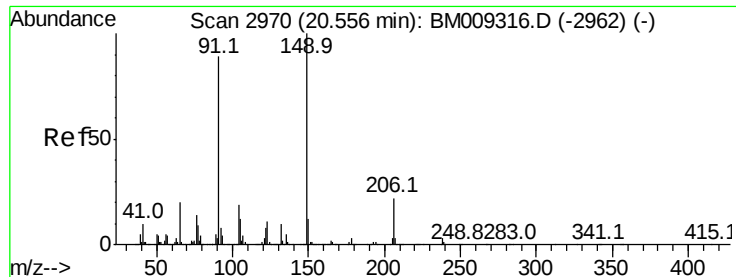
Tot Ion:202 Resp: 1630461
Ion Ratio Lower Upper
202 100
200 20.2 16.9 25.3
203 17.1 14.1 21.1



#78
Terphenyl-d14
Concen: 76.07 ng
RT: 19.86 min Scan# 2852
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Tgt Ion:244 Resp: 2329409
Ion Ratio Lower Upper
244 100
212 7.2 4.9 7.3
122 9.1 6.2 9.4

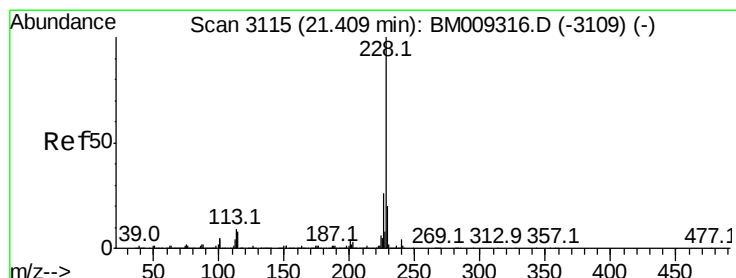
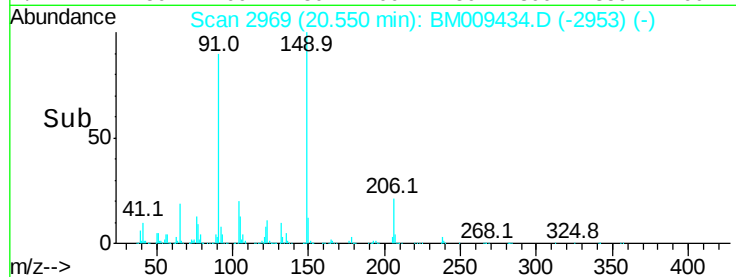
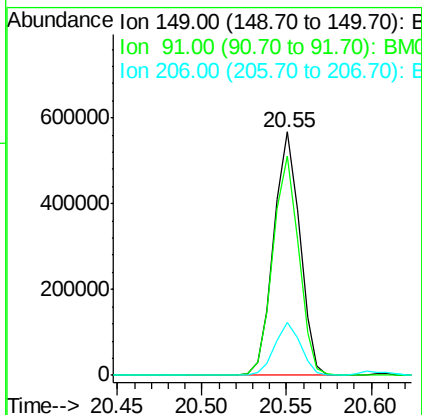
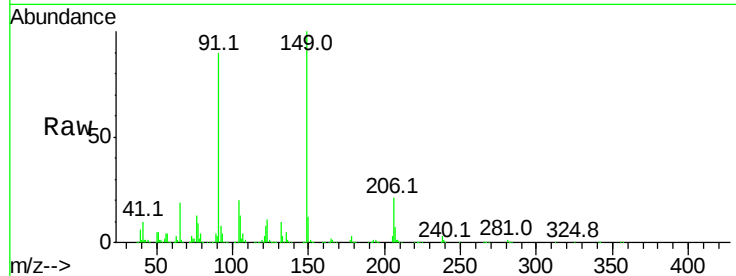




#79
Butylbenzylphthalate
Concen: 46.20 ng
RT: 20.55 min Scan# 2969
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

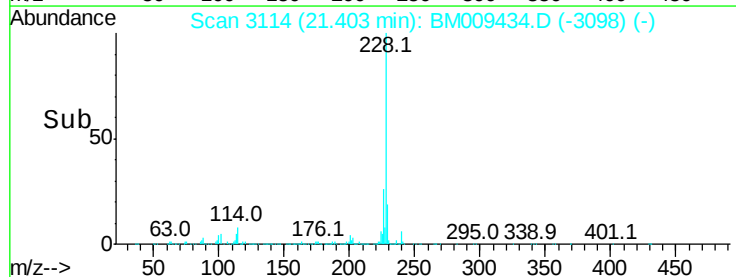
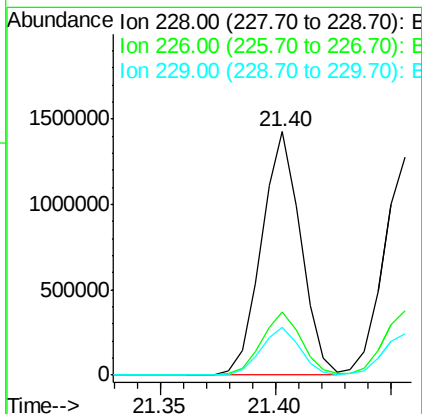
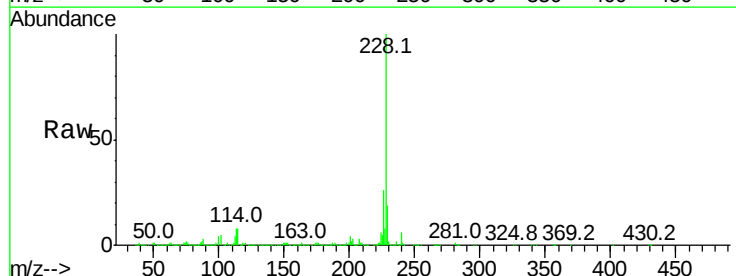
Instrument :
BNA_M
ClientSampleId :
PB97904BS

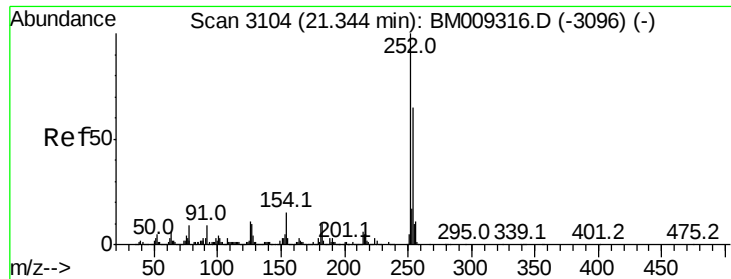
Tot Ion:149 Resp: 603715
Ion Ratio Lower Upper
149 100
91 89.8 50.1 75.1#
206 21.5 16.2 24.2



#80
Benzo(a)anthracene
Concen: 45.03 ng
RT: 21.40 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Tgt Ion:228 Resp: 1682836
Ion Ratio Lower Upper
228 100
226 25.8 21.7 32.5
229 19.4 16.0 24.0

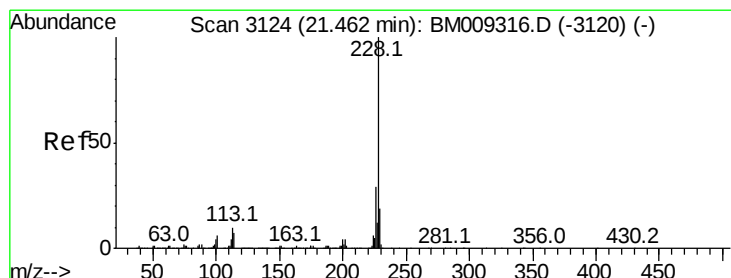
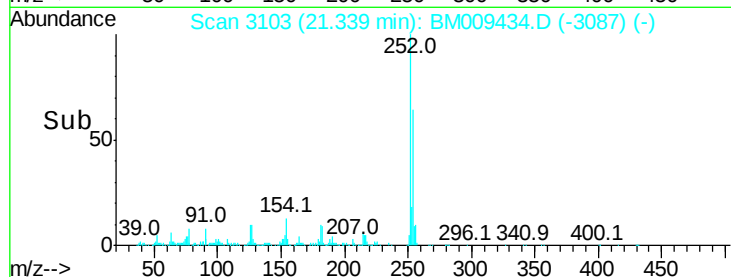
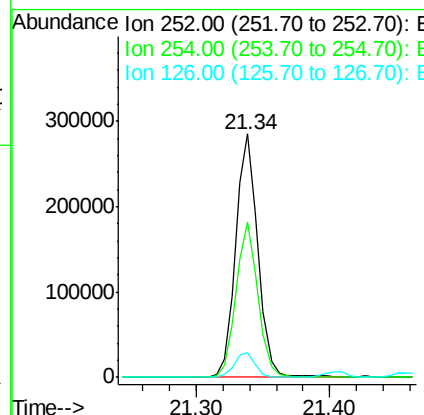
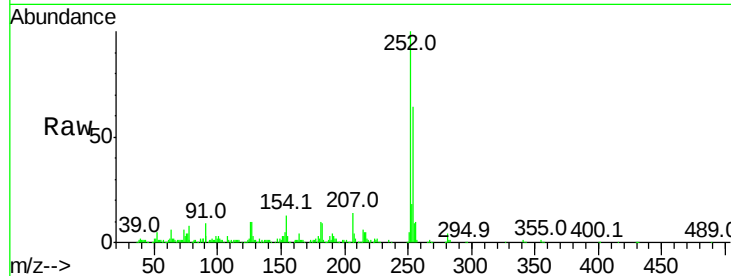




#81
 3,3'-Dichlorobenzidine
 Concen: 23.77 ng
 RT: 21.34 min Scan# 3103
 Delta R.T. -0.01 min
 Lab File: BM009434.D
 Acq: 29 Mar 2017 16:10

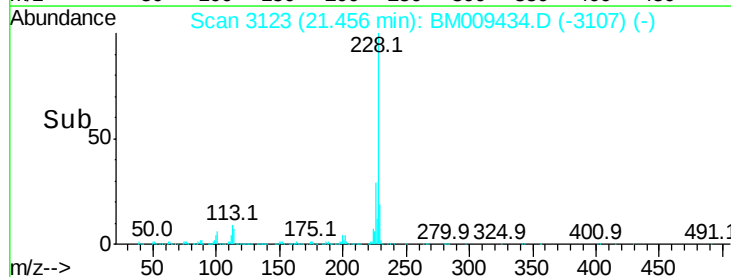
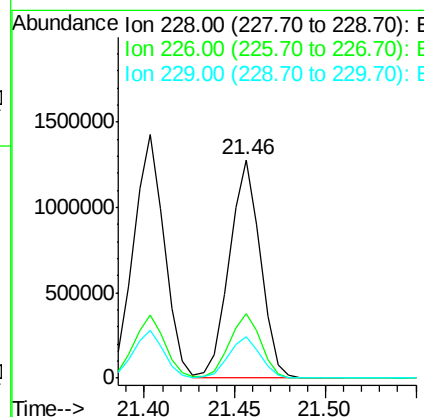
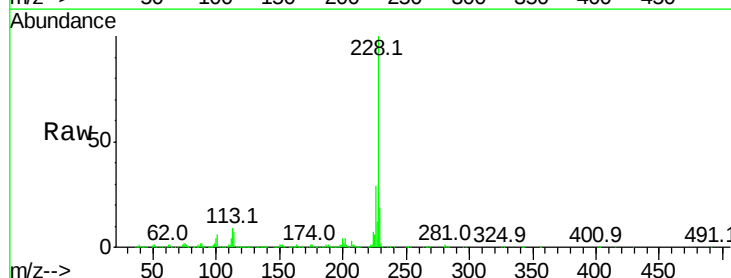
Instrument :
 BNA_M
 ClientSampleId :
 PB97904BS

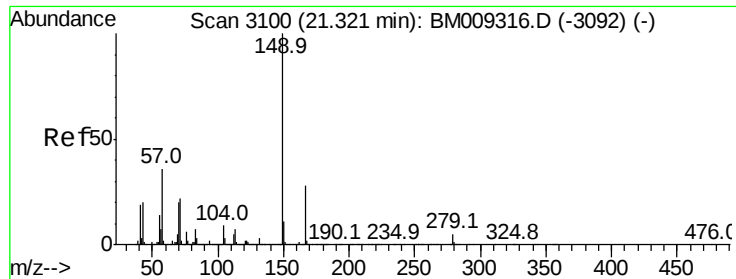
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.9	77.9
126	10.2	9.8	14.8



#82
 Chrysene
 Concen: 42.48 ng
 RT: 21.46 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BM009434.D
 Acq: 29 Mar 2017 16:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.1	36.1
229	19.0	15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.74 ng

RT: 21.32 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

Instrument :

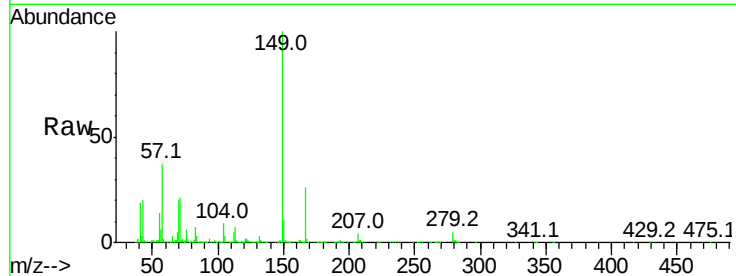
BNA_M

ClientSampleId :

PB97904BS

Tot Ion:149 Resp: 892096

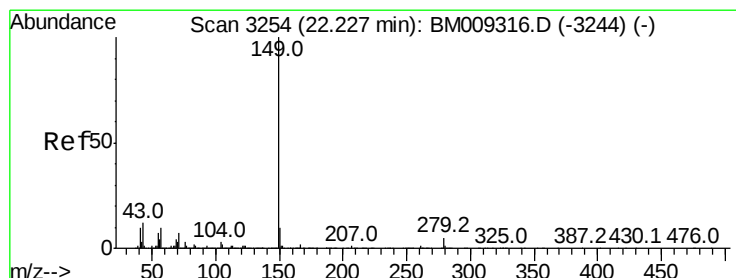
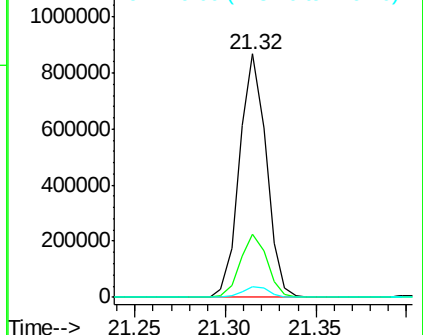
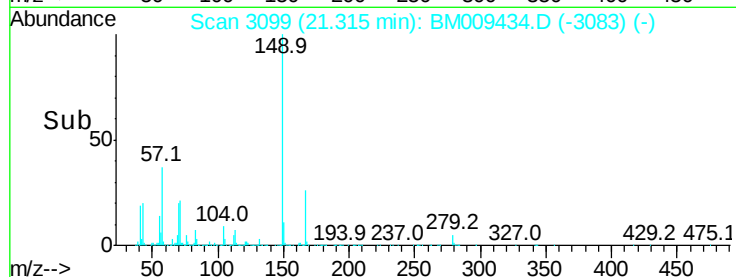
Ion	Ratio	Lower	Upper
149	100		
167	26.2	22.4	33.6
279	4.5	3.4	5.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 47.64 ng

RT: 22.21 min Scan# 3252

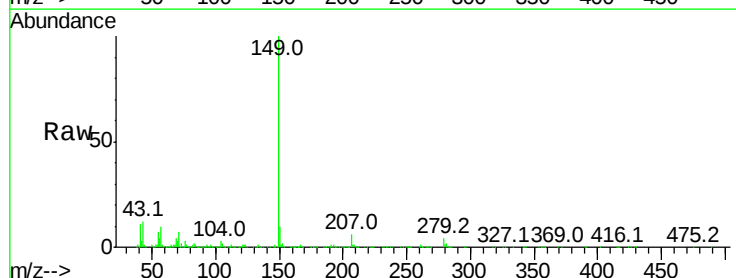
Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

Tgt Ion:149 Resp: 1546077

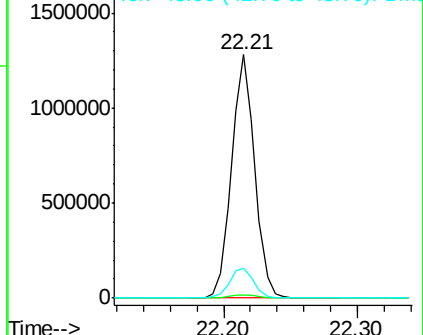
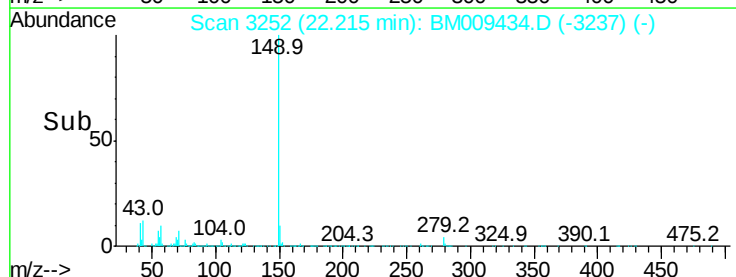
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.2	1.8#
43	12.8	7.3	10.9#

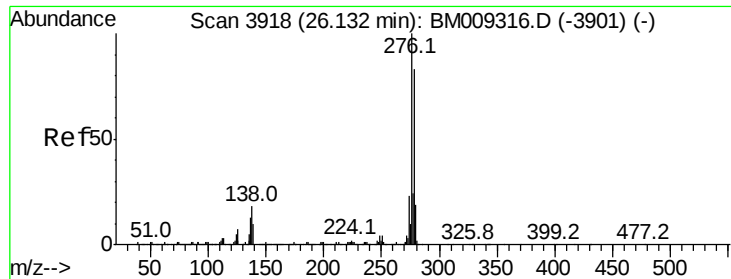


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM

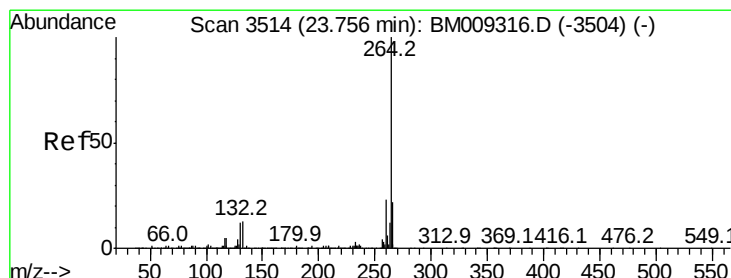
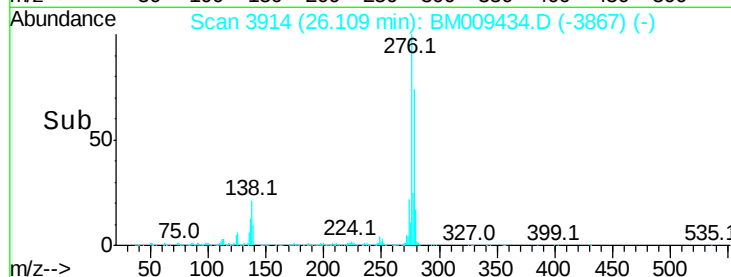
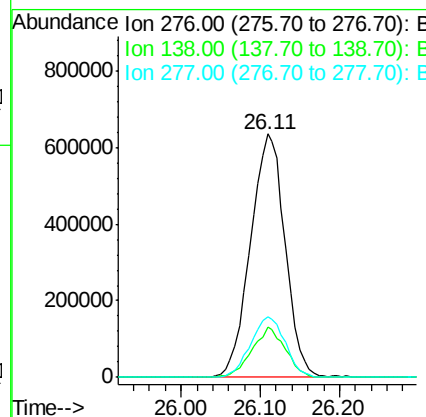
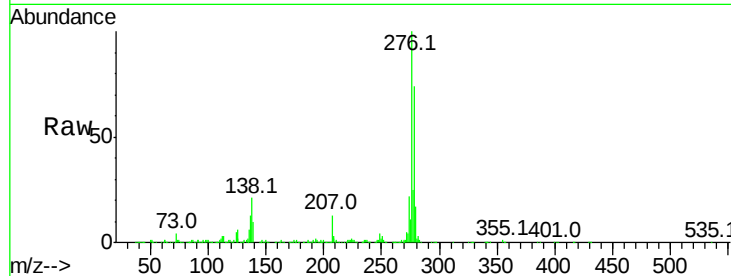




#85
Indeno(1,2,3-cd)pyrene
Concen: 49.52 ng
RT: 26.11 min Scan# 3914
Delta R.T. -0.02 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

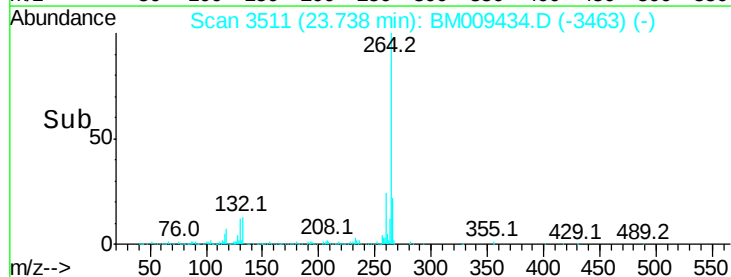
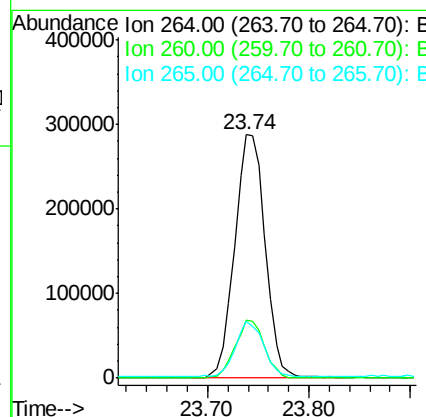
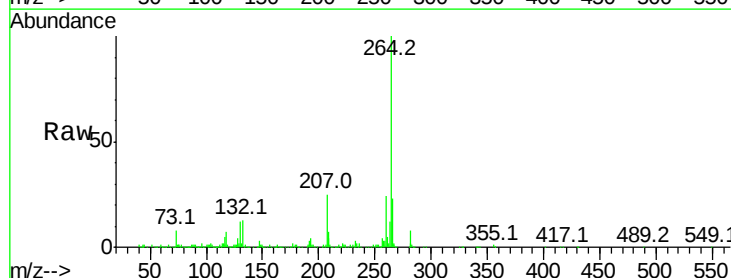
Instrument :
BNA_M
ClientSampleId :
PB97904BS

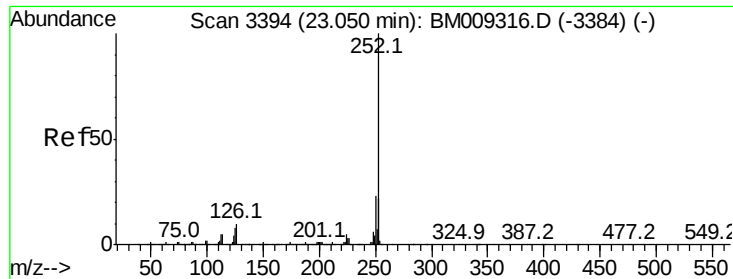
Tot Ion:276 Resp: 1927257
Ion Ratio Lower Upper
276 100
138 20.0 0.0 0.0#
277 25.0 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.74 min Scan# 3511
Delta R.T. -0.02 min
Lab File: BM009434.D
Acq: 29 Mar 2017 16:10

Tgt Ion:264 Resp: 600570
Ion Ratio Lower Upper
264 100
260 23.7 18.6 27.8
265 23.0 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 45.40 ng

RT: 23.04 min Scan# 3392

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

Instrument :

BNA_M

ClientSampleId :

PB97904BS

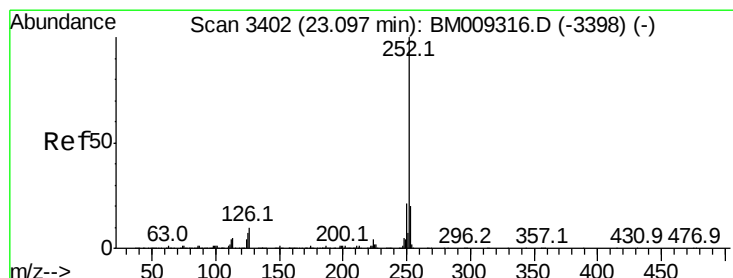
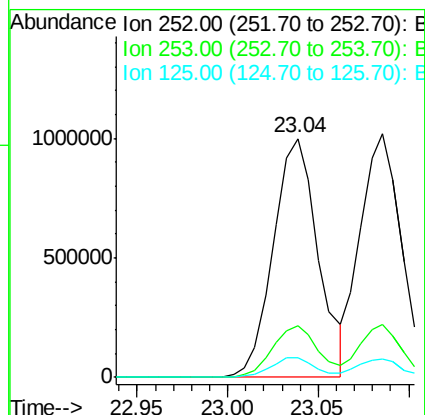
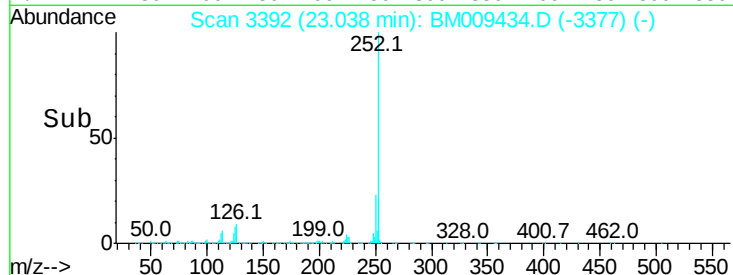
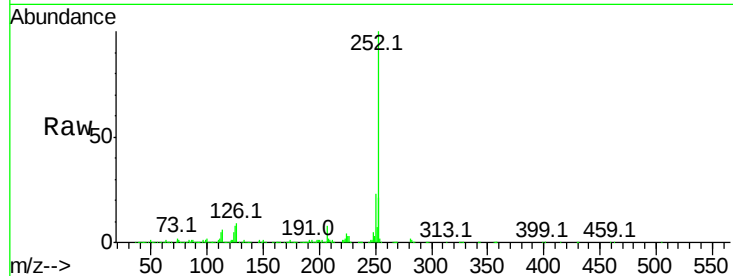
Tot Ion:252 Resp: 1728263

Ion Ratio Lower Upper

252 100

253 21.4 18.0 27.0

125 8.0 9.9 14.9#



#88

Benzo(k)fluoranthene

Concen: 43.88 ng

RT: 23.09 min Scan# 3400

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

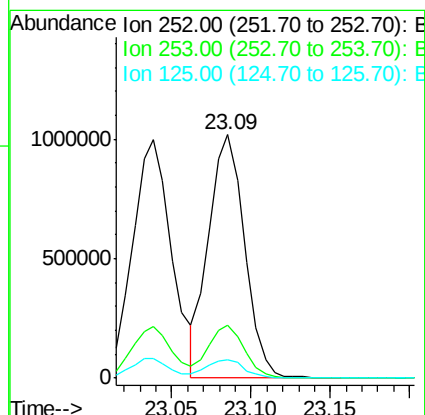
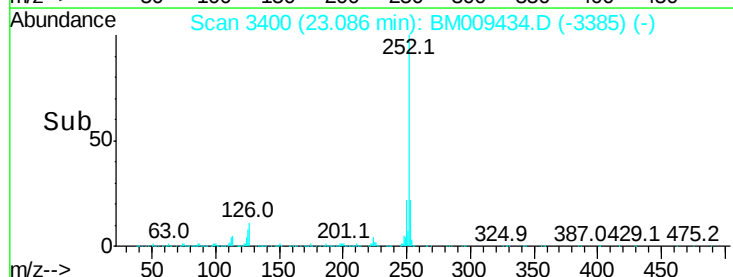
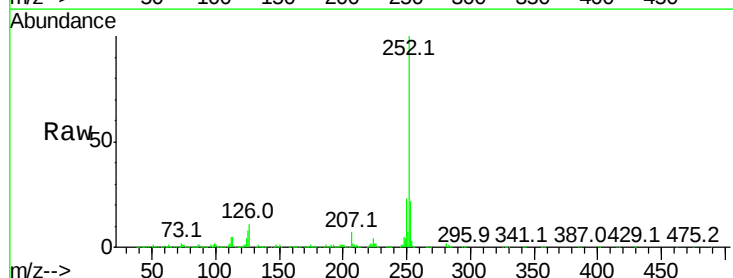
Tgt Ion:252 Resp: 1606634

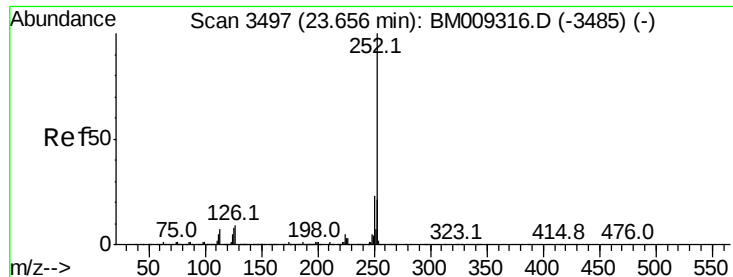
Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 7.7 8.1 12.1#





#89

Benzo(a)pyrene

Concen: 45.72 ng

RT: 23.64 min Scan# 3495

Delta R.T. -0.01 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

Instrument :

BNA_M

ClientSampled :

PB97904BS

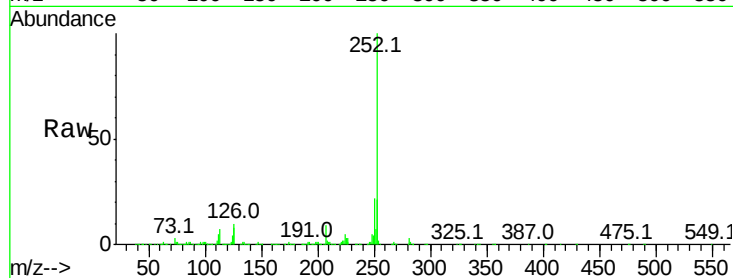
Tot Ion:252 Resp: 1611826

Ion Ratio Lower Upper

252 100

253 20.9 17.6 26.4

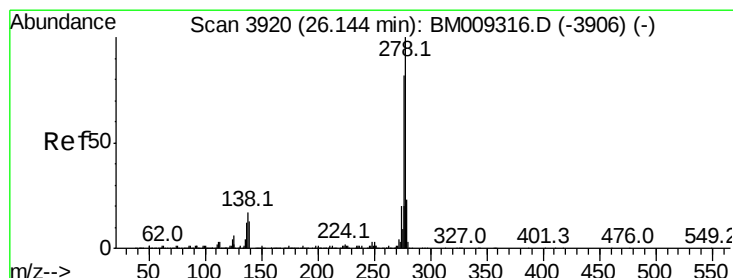
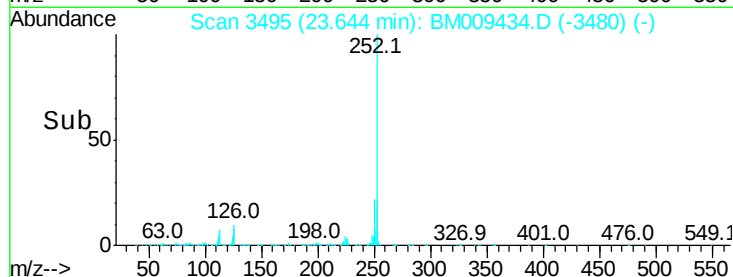
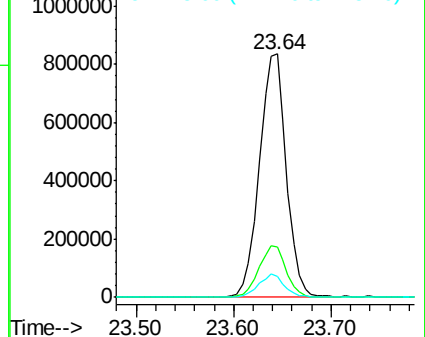
125 8.4 7.4 11.2



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: 47.40 ng

RT: 26.13 min Scan# 3917

Delta R.T. -0.02 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

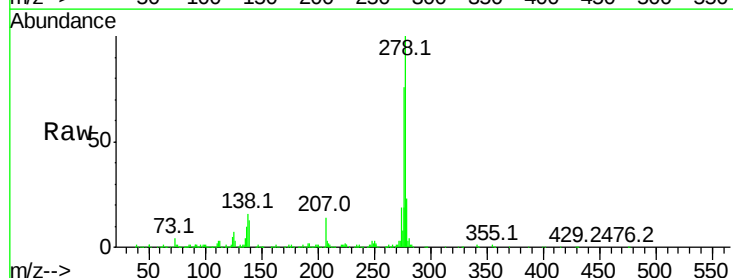
Tgt Ion:278 Resp: 1636874

Ion Ratio Lower Upper

278 100

139 12.5 13.4 20.0#

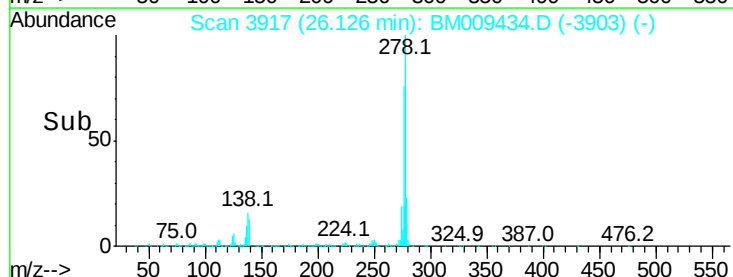
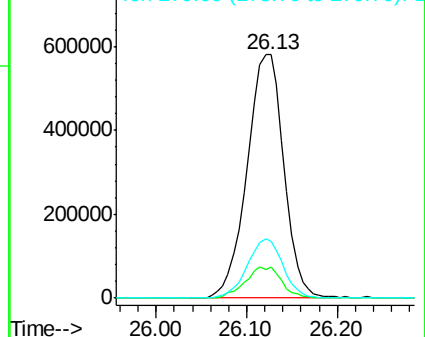
279 23.3 19.0 28.4

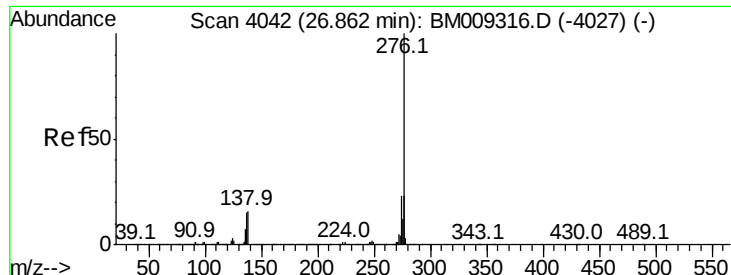


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 47.70 ng

RT: 26.84 min Scan# 4038

Delta R.T. -0.02 min

Lab File: BM009434.D

Acq: 29 Mar 2017 16:10

Instrument :

BNA_M

ClientSampleId :

PB97904BS

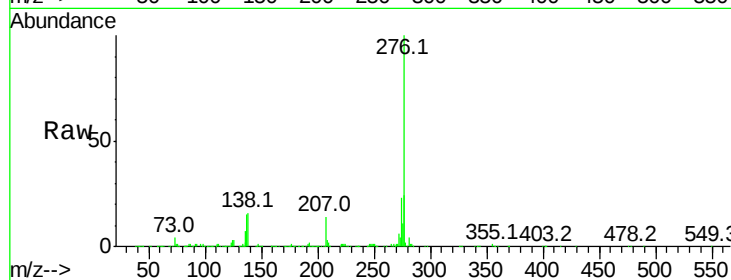
Tot Ion:276 Resp: 1605990

Ion Ratio Lower Upper

276 100

277 23.5 18.5 27.7

138 16.0 19.0 28.6#



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

