

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032917\
 Data File : BM009437.D
 Acq On : 29 Mar 2017 17:59
 Operator : SJ/MA
 Sample : I2435-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HSP-01MS

Quant Time: Mar 30 00:59:38 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	114314	20.00	ng	-0.01
21) Naphthalene-d8	10.65	136	454891	20.00	ng	-0.01
38) Acenaphthene-d10	14.49	164	266497	20.00	ng	-0.01
63) Phenanthrene-d10	17.24	188	597212	20.00	ng	0.00
75) Chrysene-d12	21.42	240	744543	20.00	ng	0.00
86) Perylene-d12	23.74	264	609246	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	961270	140.17	ng	0.00
7) Phenol-d6	7.01	99	1235365	132.09	ng	-0.01
23) Nitrobenzene-d5	9.02	82	1074399	88.56	ng	0.00
41) 2,4,6-Tribromophenol	15.99	330	526354	158.99	ng	-0.01
44) 2-Fluorobiphenyl	13.11	172	1996199	90.26	ng	-0.01
78) Terphenyl-d14	19.86	244	3026408	84.94	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	132778	38.50	ng	# 100
3) Pyridine	3.77	79	309491	31.76	ng	# 85
4) n-Nitrosodimethylamine	3.68	42	238708	46.01	ng	# 65
6) Aniline	7.19	93	75333	5.93	ng	# 93
8) 2-Chlorophenol	7.42	128	349619	50.28	ng	# 80
9) Benzaldehyde	7.00	77	76555	10.40	ng	# 72
10) Phenol	7.04	94	440381	43.46	ng	# 91
11) bis(2-Chloroethyl)ether	7.28	93	378396	45.56	ng	# 80
12) 1,3-Dichlorobenzene	7.74	146	376497	45.22	ng	# 85
13) 1,4-Dichlorobenzene	7.89	146	386128	44.89	ng	# 93
14) 1,2-Dichlorobenzene	8.20	146	367778	44.03	ng	# 92
15) Benzyl Alcohol	8.09	79	332769	40.70	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	8.38	45	651086	45.10	ng	# 96
17) 2-Methylphenol	8.29	107	311136	46.92	ng	# 87
18) Hexachloroethane	8.93	117	161137	45.79	ng	# 89
19) n-Nitroso-di-n-propylamine	8.66	70	361754	47.98	ng	# 89
20) 3+4-Methylphenols	8.62	107	410264	45.51	ng	# 92
22) Acetophenone	8.68	105	598935	46.68	ng	# 90
24) Nitrobenzene	9.06	77	551025	46.36	ng	# 90
25) Isophorone	9.58	82	904504	48.87	ng	# 88
26) 2-Nitrophenol	9.77	139	179407	50.05	ng	# 46
27) 2,4-Dimethylphenol	9.82	122	326877	49.84	ng	# 79
28) bis(2-Chloroethoxy)methane	10.06	93	526873	45.98	ng	# 99
29) 2,4-Dichlorophenol	10.29	162	339250	49.48	ng	# 95
30) 1,2,4-Trichlorobenzene	10.51	180	397667	46.75	ng	# 97
31) Naphthalene	10.70	128	1172383	48.56	ng	# 99
32) Benzoic acid	9.94	122	172682	38.72	ng	# 71
33) 4-Chloroaniline	10.82	127	25203	2.71	ng	# 82
34) Hexachlorobutadiene	10.97	225	255230	43.82	ng	# 98
35) Caprolactam	11.60	113	76456	36.53	ng	# 62
36) 4-Chloro-3-methylphenol	11.93	107	380345	49.04	ng	# 80
37) 2-Methylnaphthalene	12.31	142	827332	49.64	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	12.68	216	461525	45.87	ng	# 100
40) Hexachlorocyclopentadiene	12.65	237	566660	98.13	ng	# 99

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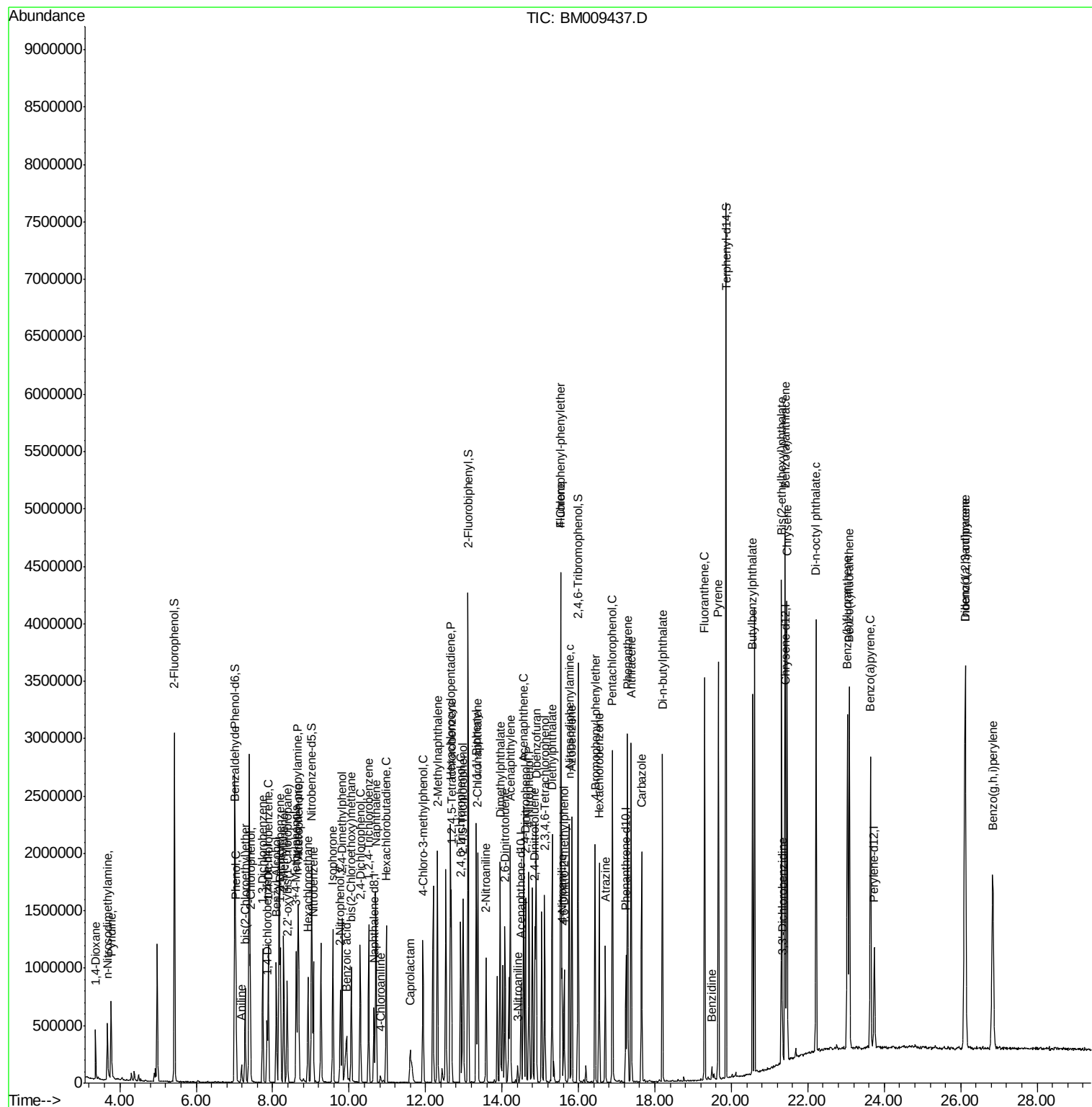
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.92	196	291992	50.76	nq	98
43) 2,4,5-Trichlorophenol	12.99	196	302089	47.06	nq #	86
45) 1,1'-Biphenyl	13.33	154	1054554	47.55	nq	96
46) 2-Chloronaphthalene	13.37	162	828734	48.11	nq	96
47) 2-Nitroaniline	13.58	65	300145	47.29	nq #	70
48) Acenaphthylene	14.22	152	1310487	46.70	nq	100
49) Dimethylphthalate	13.95	163	1029014	50.29	nq #	99
50) 2,6-Dinitrotoluene	14.07	165	217792	49.39	nq #	62
51) Acenaphthene	14.56	154	795603	47.00	nq	99
52) 3-Nitroaniline	14.41	138	24438	5.63	nq #	52
53) 2,4-Dinitrophenol	14.62	184	249222	83.55	nq	89
54) Dibenzofuran	14.89	168	1298648	51.87	nq	96
55) 4-Nitrophenol	14.70	139	330047	91.92	nq #	17
56) 2,4-Dinitrotoluene	14.86	165	309689	51.91	nq	100
57) Fluorene	15.54	166	1066214	47.38	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.12	232	285350	52.56	nq #	100
59) Diethylphthalate	15.32	149	1055227	50.84	nq	99
60) 4-Chlorophenyl-phenylether	15.54	204	557561	47.45	nq	98
61) 4-Nitroaniline	15.57	138	186634	39.55	nq #	28
62) Azobenzene	15.83	77	1346821	55.58	nq	85
64) 4,6-Dinitro-2-methylphenol	15.63	198	176296	46.86	nq	88
65) n-Nitrosodiphenylamine	15.76	169	767813	42.32	nq	99
66) 4-Bromophenyl-phenylether	16.43	248	341148	49.30	nq #	91
67) Hexachlorobenzene	16.54	284	371168	48.94	nq #	90
68) Atrazine	16.70	200	181468	26.60	nq	98
69) Pentachlorophenol	16.89	266	445634	96.19	nq	98
70) Phenanthrene	17.29	178	1666949	48.81	nq	99
71) Anthracene	17.37	178	1706089	49.34	nq	99
72) Carbazole	17.65	167	1154401	34.86	nq	98
73) Di-n-butylphthalate	18.20	149	1768533	52.29	nq #	98
74) Fluoranthene	19.30	202	1963320	48.54	nq	98
76) Benzidine	19.49	184	65009	2.93	nq	96
77) Pyrene	19.66	202	2018462	47.80	nq	99
79) Butylbenzylphthalate	20.55	149	790396	51.98	nq #	77
80) Benzo(a)anthracene	21.40	228	2127350	48.92	nq	99
81) 3,3'-Dichlorobenzidine	21.34	252	131899	8.10	nq #	98
82) Chrysene	21.46	228	1925395	46.37	nq	98
83) Bis(2-ethylhexyl)phthalate	21.32	149	1166404	51.40	nq	99
84) Di-n-octyl phthalate	22.22	149	1993962	52.80	nq #	91
85) Indeno(1,2,3-cd)pyrene	26.11	276	2362302	52.17	nq #	100
87) Benzo(b)fluoranthene	23.04	252	2165681	56.08	nq #	95
88) Benzo(k)fluoranthene	23.09	252	2061787	55.51	nq #	98
89) Benzo(a)pyrene	23.64	252	1971786	55.14	nq	100
90) Dibenzo(a,h)anthracene	26.12	278	2071701	59.13	nq #	93
91) Benzo(g,h,i)perylene	26.84	276	1939483	56.79	nq #	93

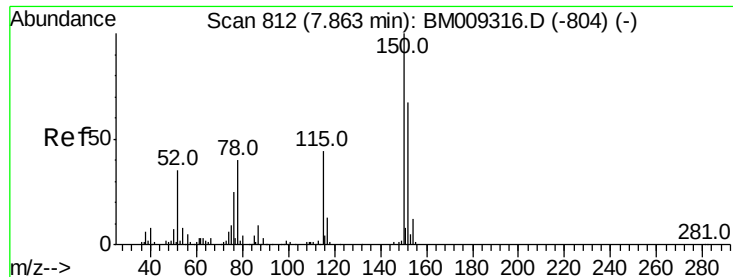
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

Instrument :

BNA_M

ClientSampleId :

HSP-01MS

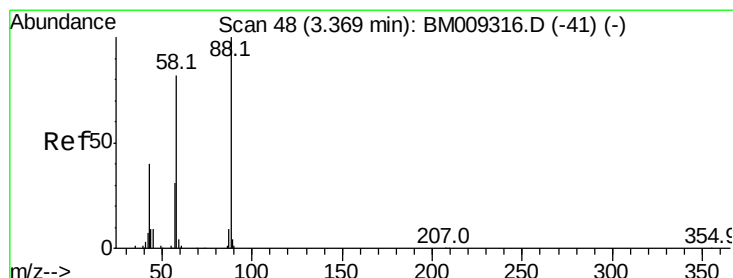
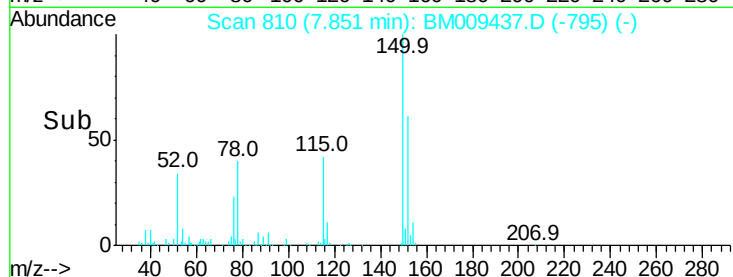
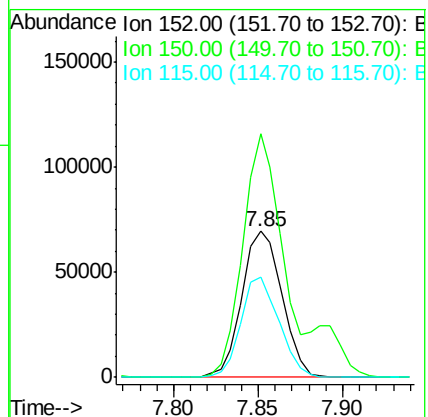
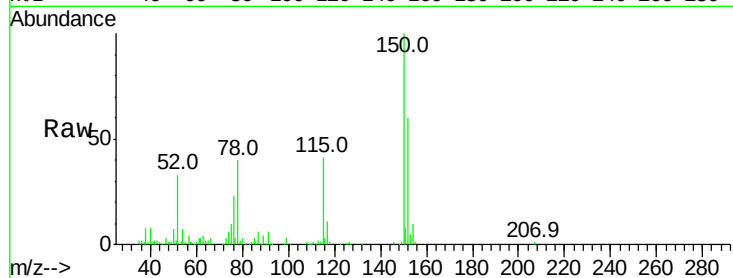
Tot Ion:152 Resp: 114314

Ion Ratio Lower Upper

152 100

150 166.5 119.5 179.3

115 68.1 43.0 64.4#



#2

1,4-Dioxane

Concen: 38.50 ng

RT: 3.37 min Scan# 48

Delta R.T. 0.00 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

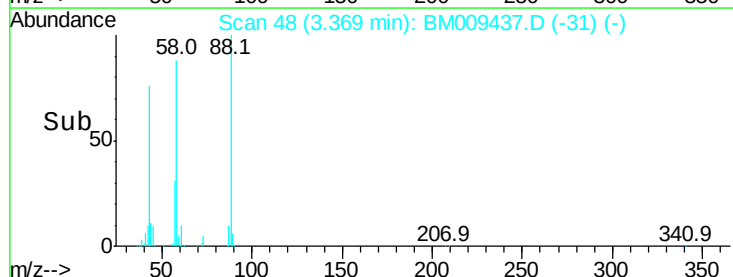
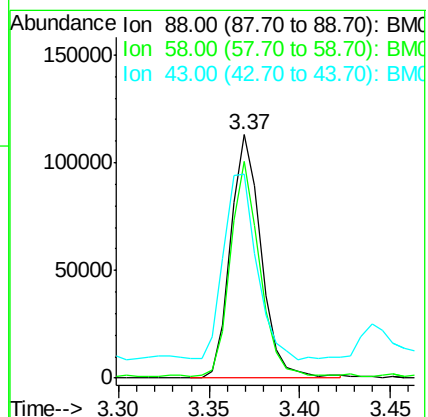
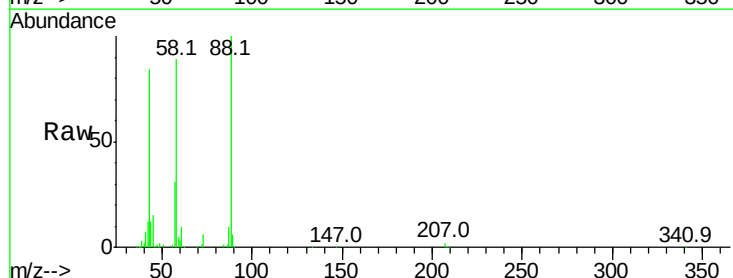
Tgt Ion: 88 Resp: 132778

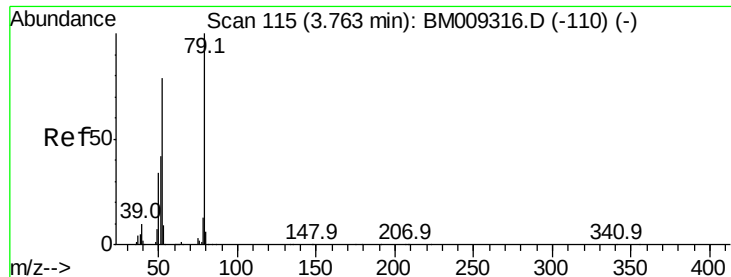
Ion Ratio Lower Upper

88 100

58 84.2 0.0 0.0#

43 82.4 0.0 0.0#





#3

Pvridine

Concen: 31.76 ng

RT: 3.77 min Scan# 116

Delta R.T. 0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

Instrument :

BNA_M

ClientSampled :

HSP-01MS

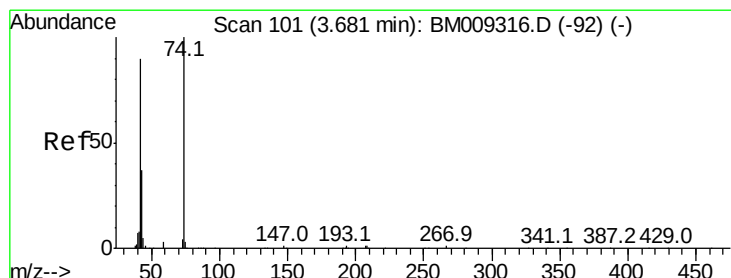
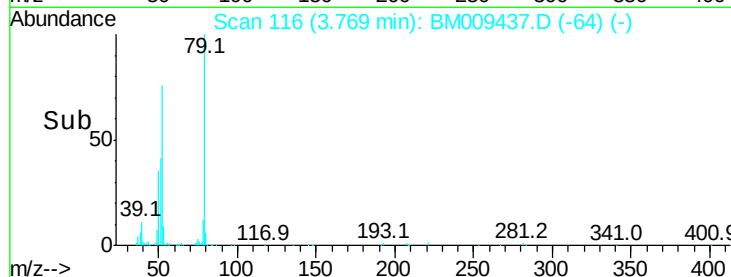
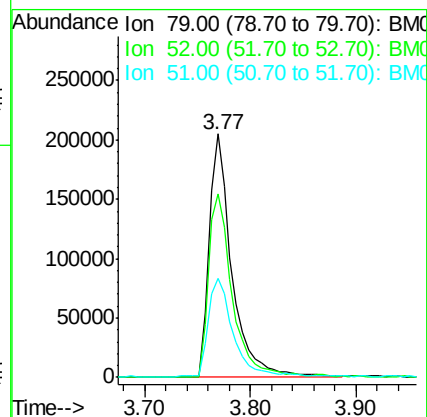
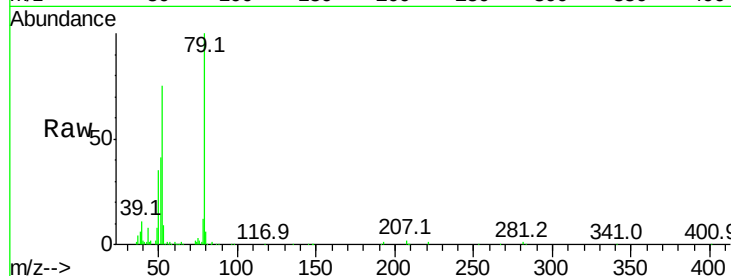
Tot Ion: 79 Resp: 309491

Ion Ratio Lower Upper

79 100

52 75.5 51.1 76.7

51 40.7 26.1 39.1#



#4

n-Nitrosodimethylamine

Concen: 46.01 ng

RT: 3.68 min Scan# 100

Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

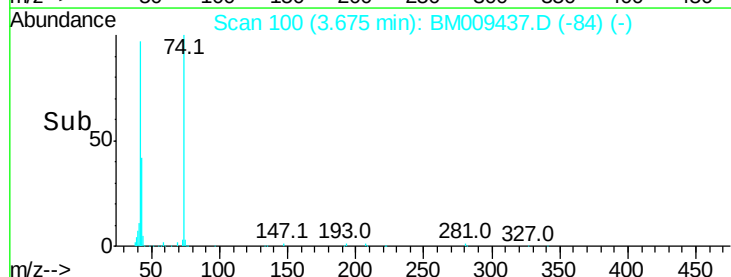
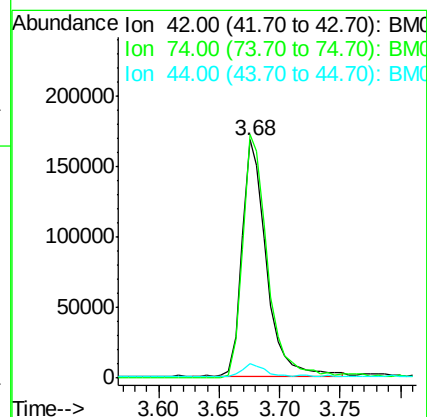
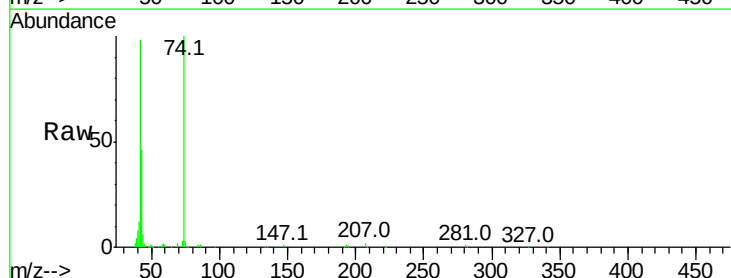
Tgt Ion: 42 Resp: 238708

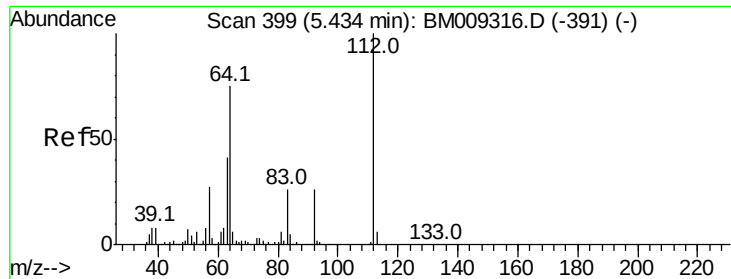
Ion Ratio Lower Upper

42 100

74 102.4 119.3 178.9#

44 6.1 5.4 8.2





#5

2-Fluorophenol

Concen: 140.17 ng

RT: 5.43 min Scan# 398

Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

Instrument :

BNA_M

ClientSampleId :

HSP-01MS

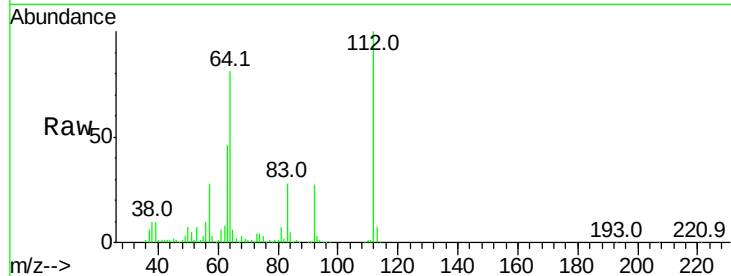
Tot Ion:112 Resp: 961270

Ion Ratio Lower Upper

112 100

64 80.9 38.6 57.8#

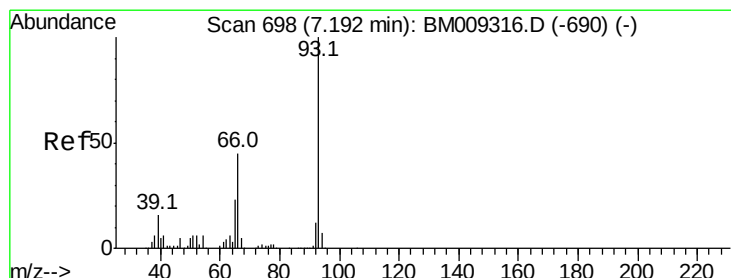
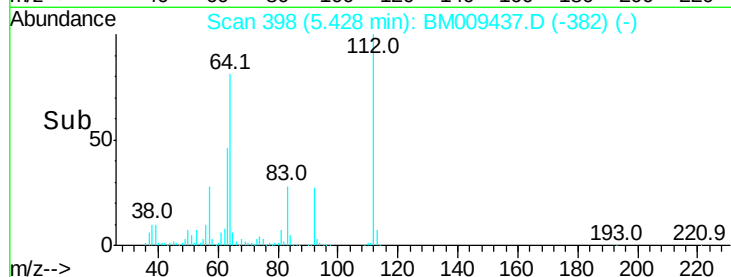
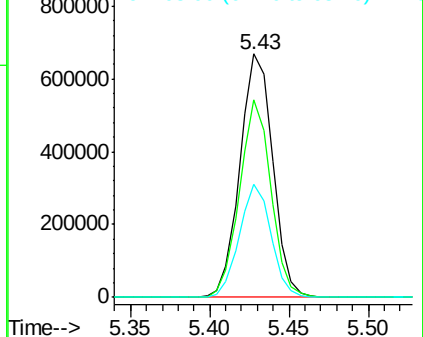
63 46.5 19.3 28.9#



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: 5.93 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

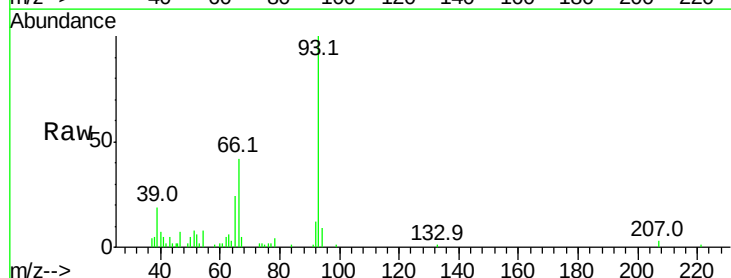
Tgt Ion: 93 Resp: 75333

Ion Ratio Lower Upper

93 100

66 42.4 30.8 46.2

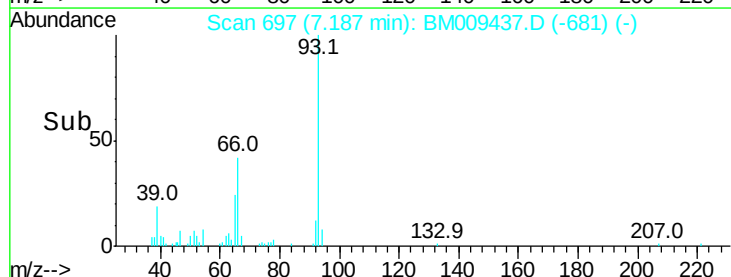
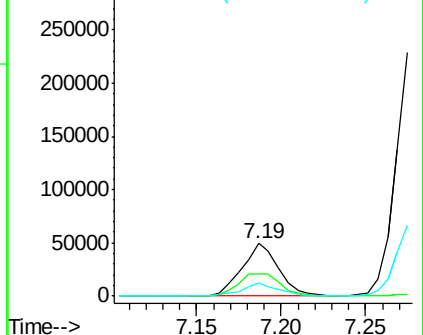
65 23.9 16.0 24.0

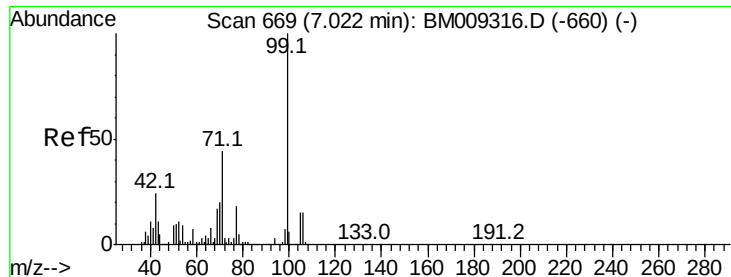


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 132.09 ng

RT: 7.01 min Scan# 667

Delta R.T. -0.01 min

Lab File: BM009437.D

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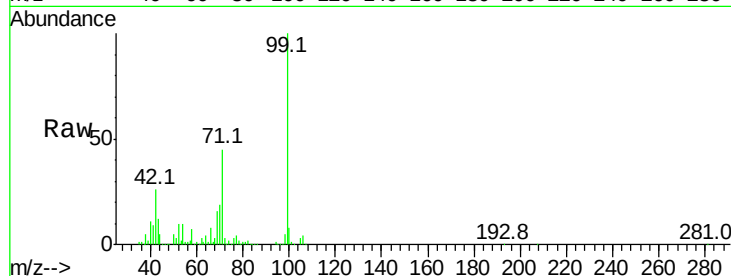
Tot Ion: 99 Resp: 1235365

Ion Ratio Lower Upper

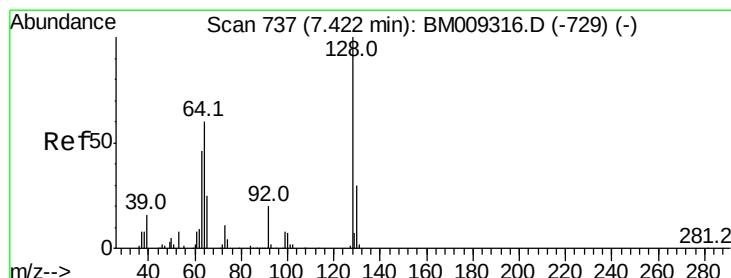
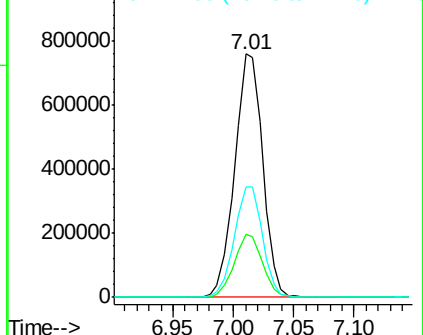
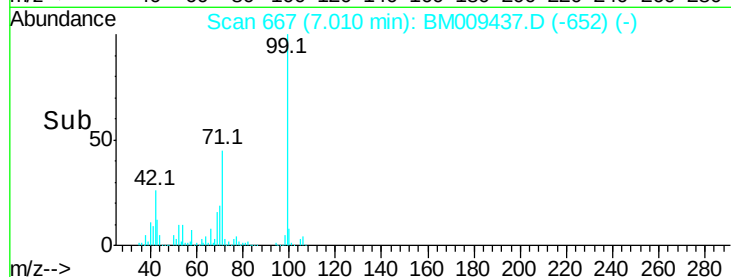
99 100

42 26.1 11.0 16.4#

71 45.5 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM009437.D (-652) (-)



#8

2-Chlorophenol

Concen: 50.28 ng

RT: 7.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

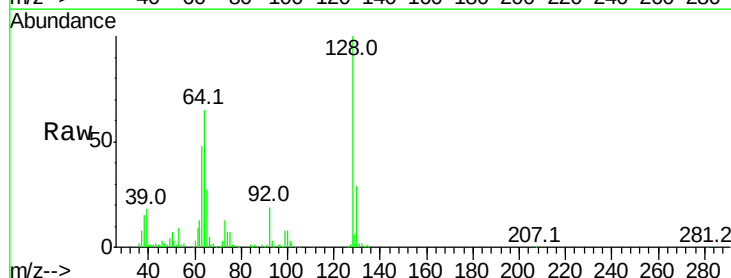
Tgt Ion:128 Resp: 349619

Ion Ratio Lower Upper

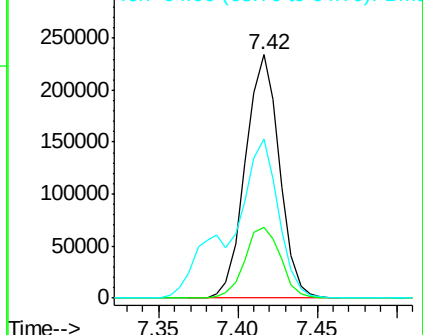
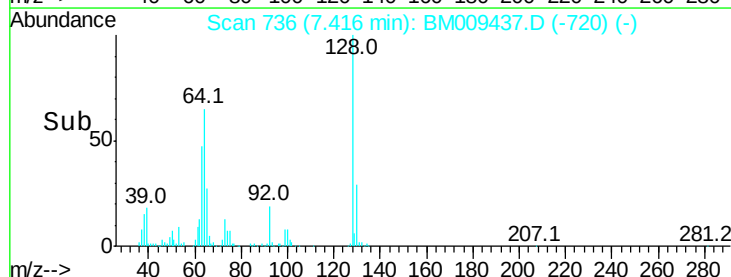
128 100

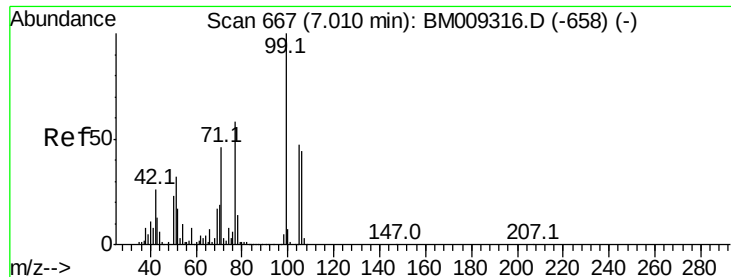
130 29.3 12.0 52.0

64 65.2 24.9 64.9#



Abundance Ion 128.00 (127.70 to 128.70): BM009437.D (-720) (-)





#9

Benzaldehyde

Concen: 10.40 ng

RT: 7.00 min Scan# 665

Delta R.T. -0.01 min

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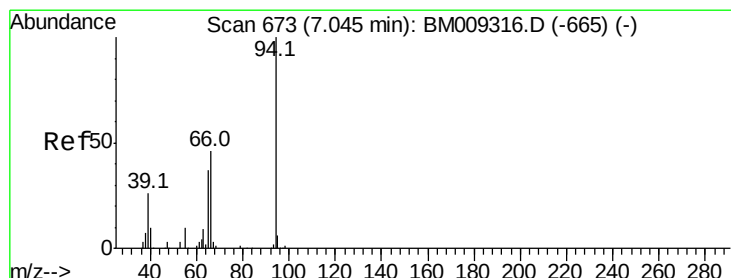
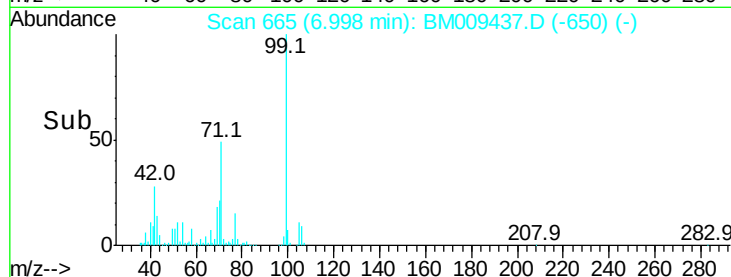
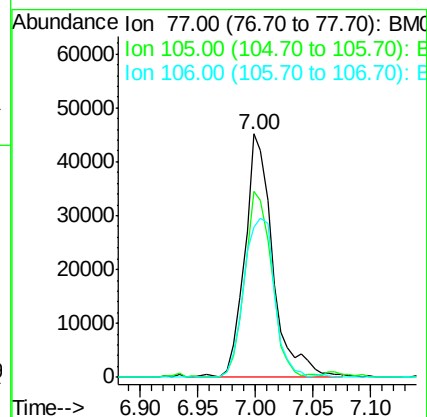
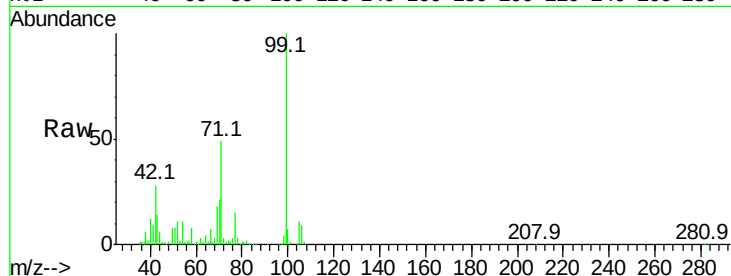
Tot Ion: 77 Resp: 76555

Ion Ratio Lower Upper

77 100

105 76.4 78.8 118.8#

106 61.6 73.7 113.7#



#10

Phenol

Concen: 43.46 ng

RT: 7.04 min Scan# 672

Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

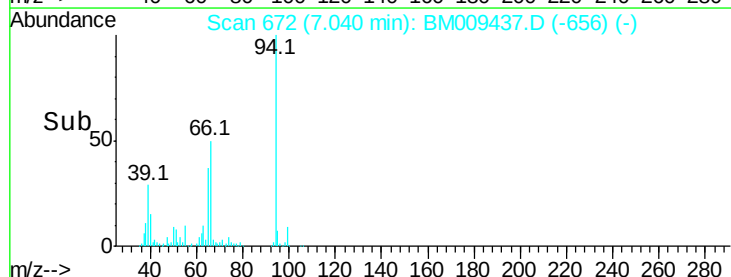
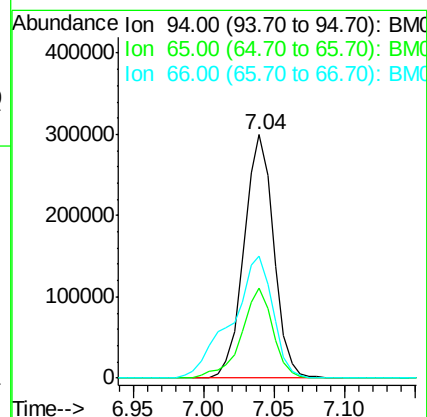
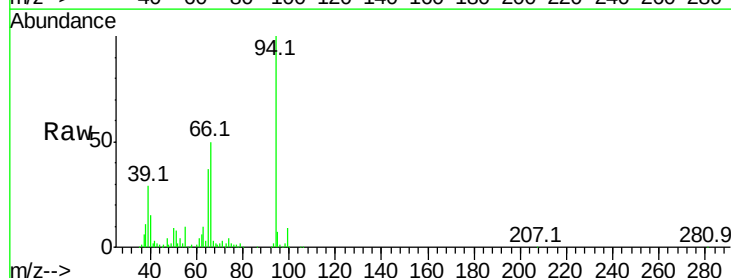
Tgt Ion: 94 Resp: 440381

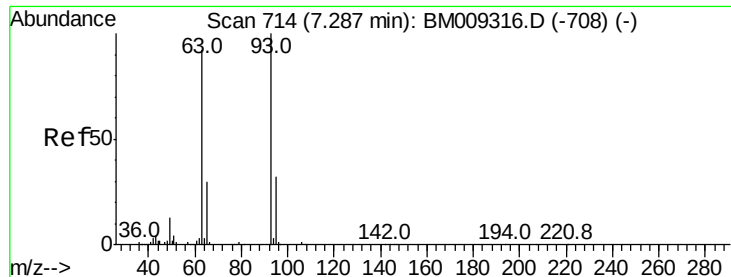
Ion Ratio Lower Upper

94 100

65 37.2 18.8 58.8

66 50.2 39.9 79.9

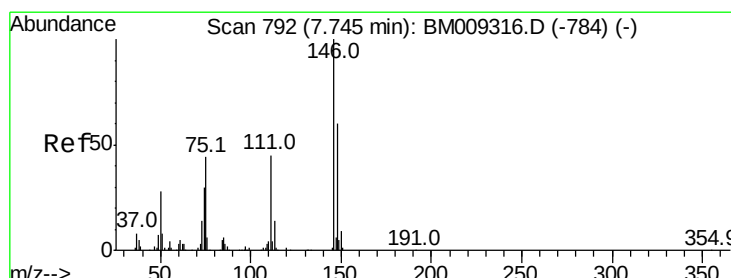
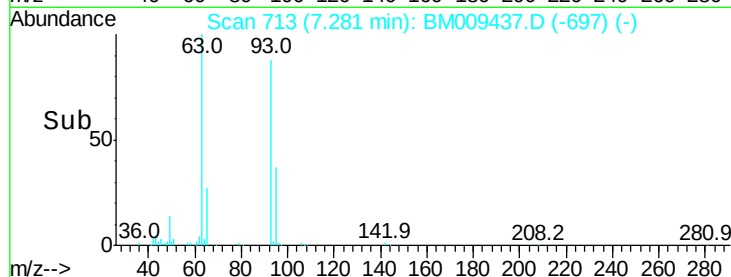
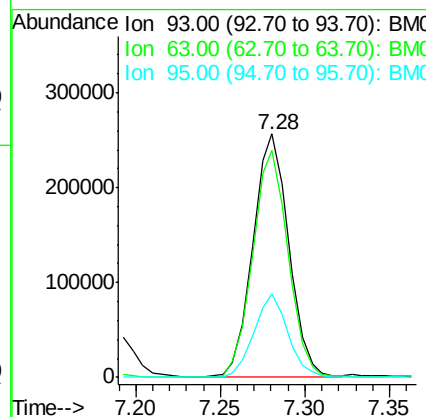
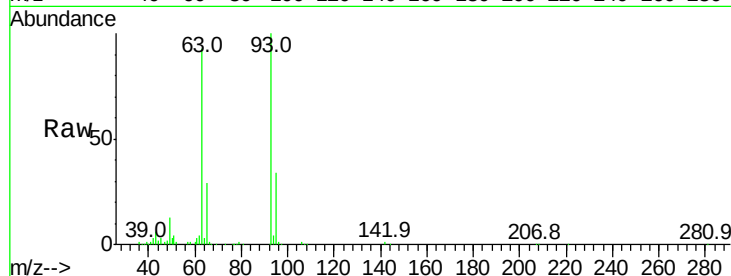




#11
bis(2-Chloroethyl)ether
Concen: 45.56 ng
RT: 7.28 min Scan# 713
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

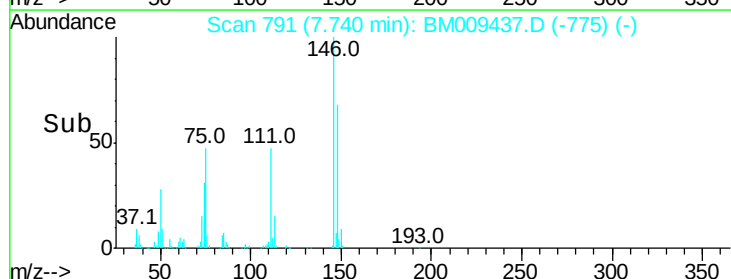
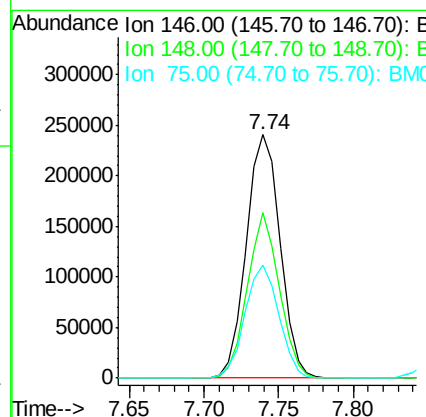
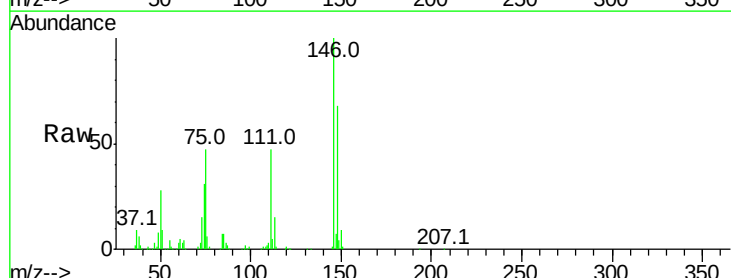
Instrument :
BNA_M
ClientSampleId :
HSP-01MS

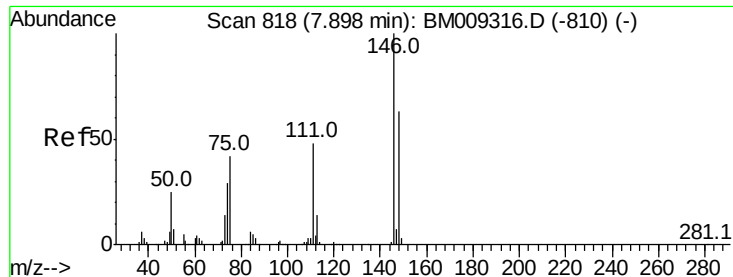
Tot Ion	Ratio	Lower	Upper
93	100		
63	93.1	49.5	89.5#
95	34.2	13.5	53.5



#12
1,3-Dichlorobenzene
Concen: 45.22 ng
RT: 7.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.0	50.9	76.3
75	46.6	21.4	32.2#

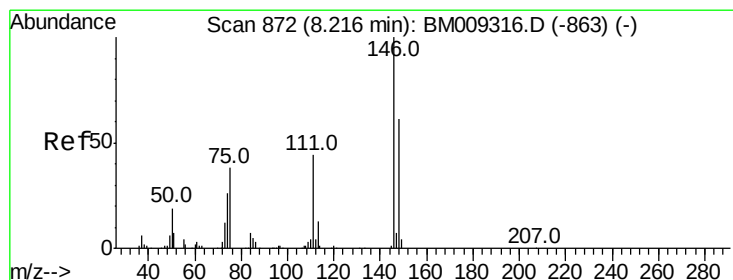
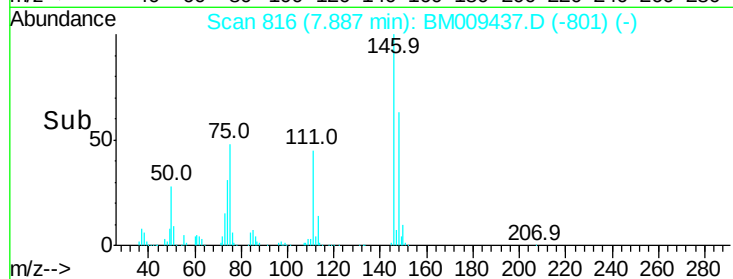
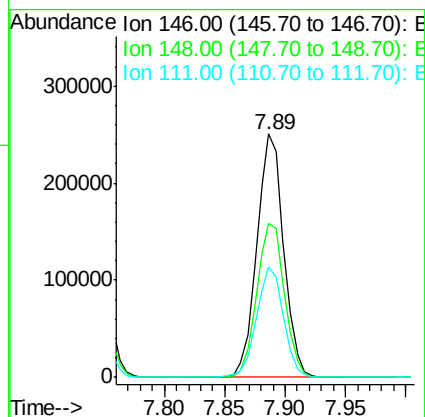
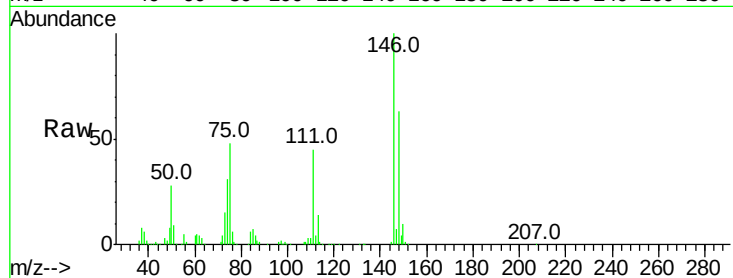




#13
 1,4-Dichlorobenzene
 Concen: 44.89 ng
 RT: 7.89 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BM009437.D
 Acq: 29 Mar 2017 17:59

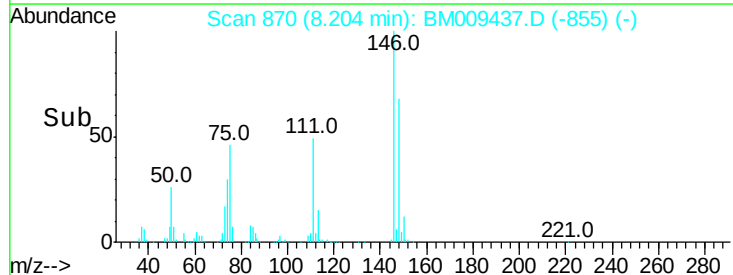
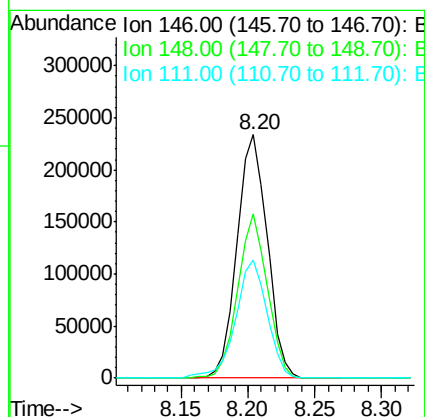
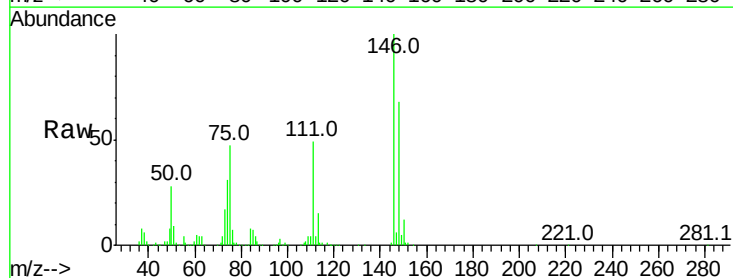
Instrument :
 BNA_M
 ClientSampleId :
 HSP-01MS

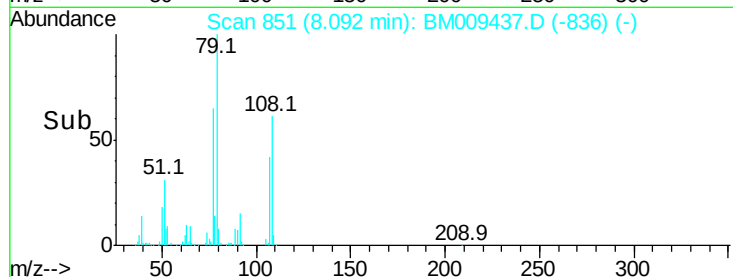
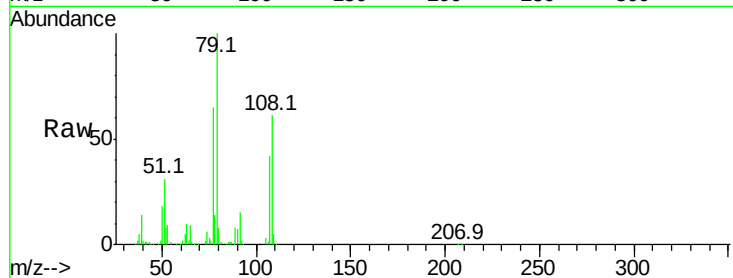
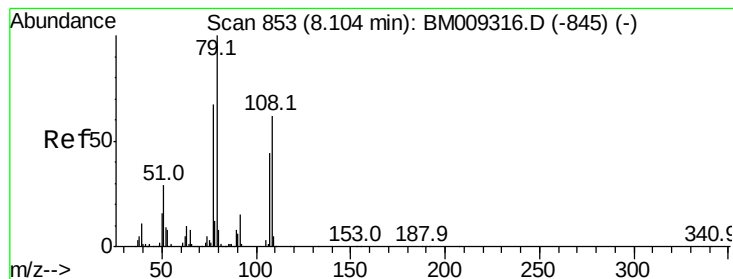
Tot Ion:146 Resp: 386128
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.9 77.9
 111 45.3 29.2 43.8#



#14
 1,2-Dichlorobenzene
 Concen: 44.03 ng
 RT: 8.20 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: BM009437.D
 Acq: 29 Mar 2017 17:59

Tgt Ion:146 Resp: 367778
 Ion Ratio Lower Upper
 146 100
 148 67.7 52.3 78.5
 111 48.7 30.6 45.8#





#15

Benzyl Alcohol

Concen: 40.70 ng

RT: 8.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

Instrument :

BNA_M

ClientSampleId :

HSP-01MS

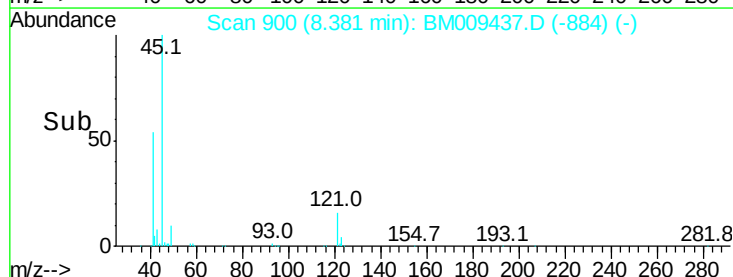
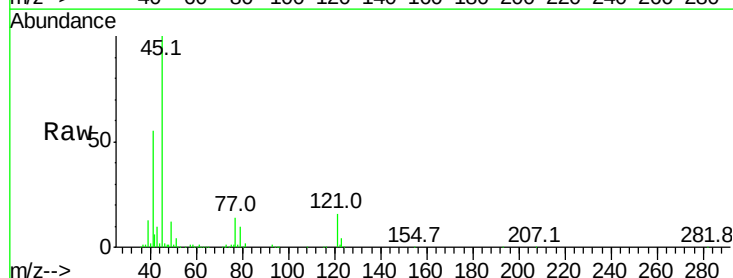
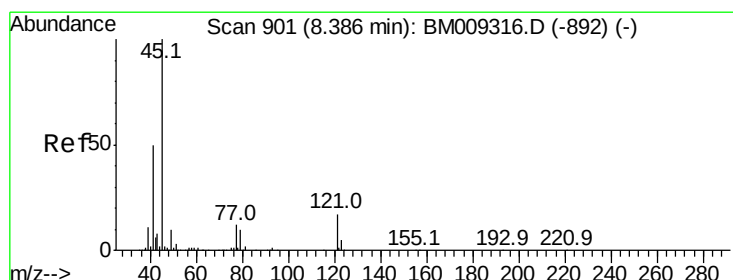
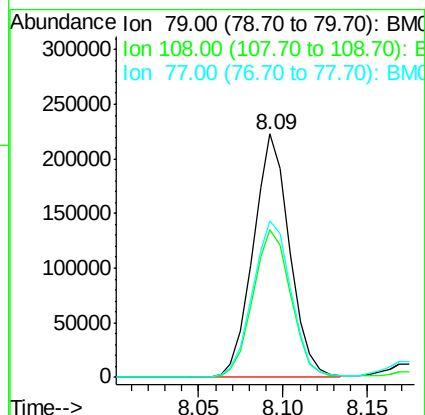
Tot Ion: 79 Resp: 332769

Ion Ratio Lower Upper

79 100

108 60.9 65.0 97.4#

77 64.6 53.0 79.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.10 ng

RT: 8.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

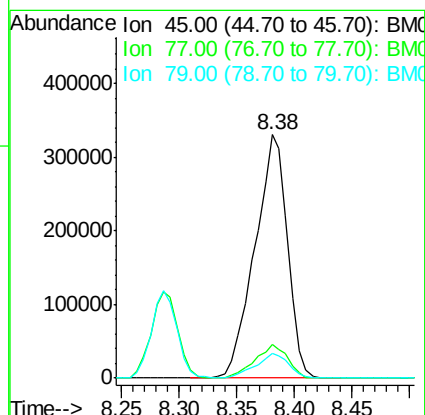
Tgt Ion: 45 Resp: 651086

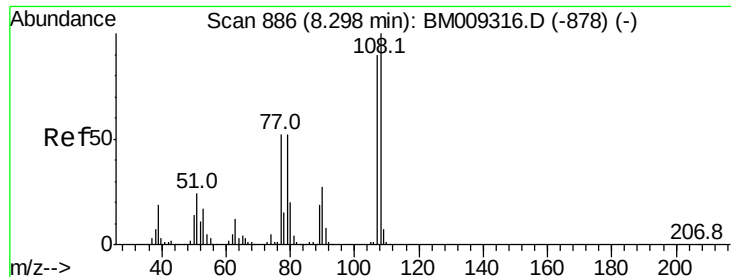
Ion Ratio Lower Upper

45 100

77 13.9 0.0 35.2

79 10.1 0.0 32.0

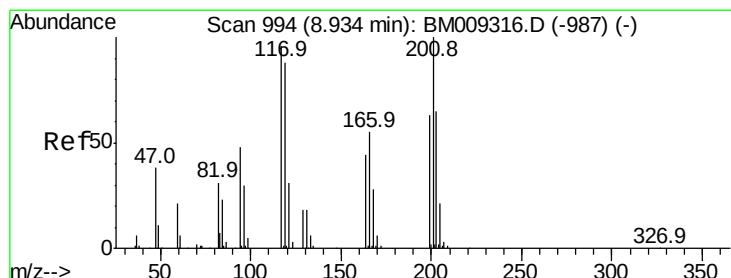
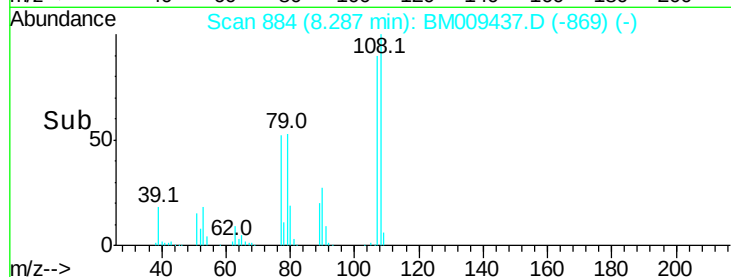
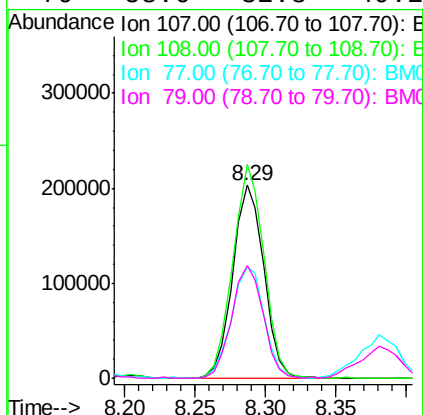
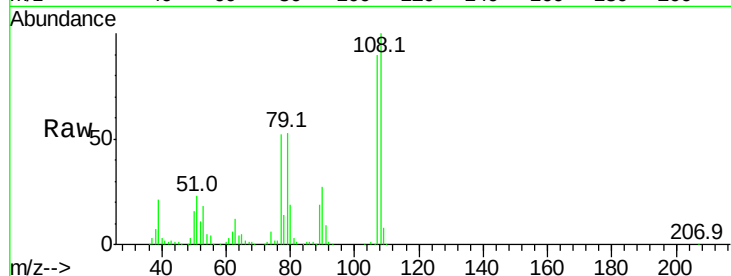




#17
2-Methylphenol
Concen: 46.92 ng
RT: 8.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

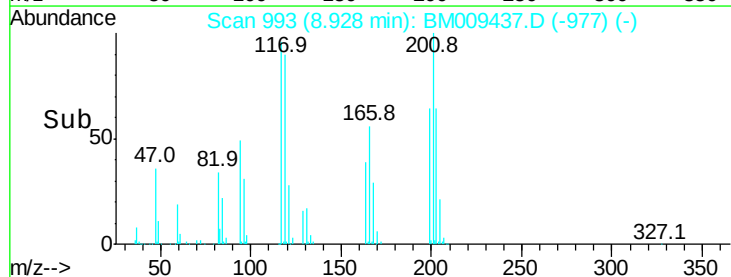
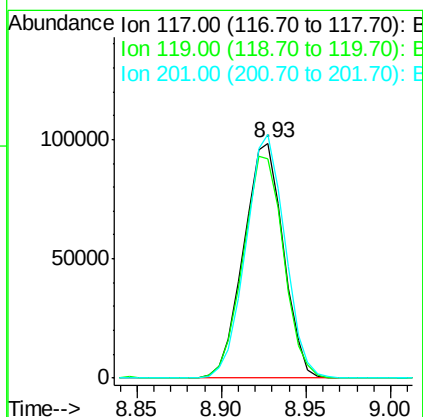
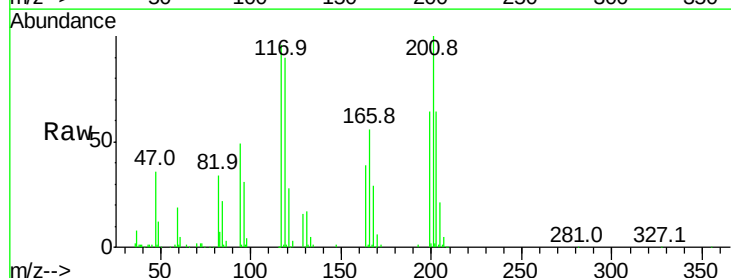
Instrument :
BNA_M
ClientSampleId :
HSP-01MS

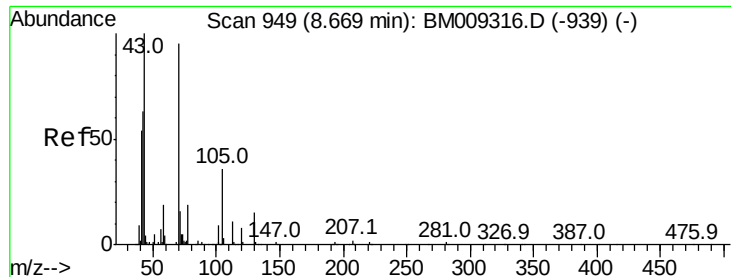
Tot Ion	Ratio	Lower	Upper
107	100		
108	110.7	89.8	134.8
77	58.0	32.6	48.8#
79	58.6	32.8	49.2#



#18
Hexachloroethane
Concen: 45.79 ng
RT: 8.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.3	79.2	118.8
201	103.8	69.8	104.6

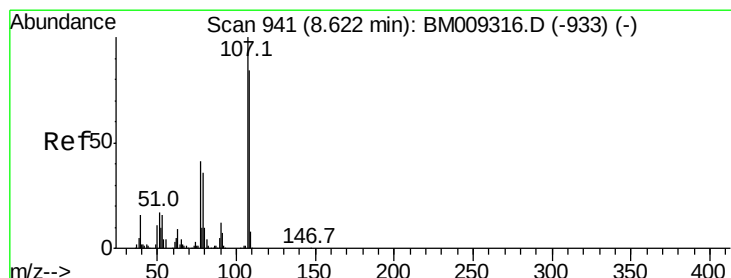
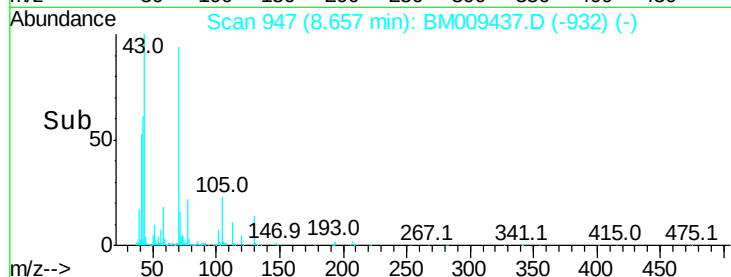
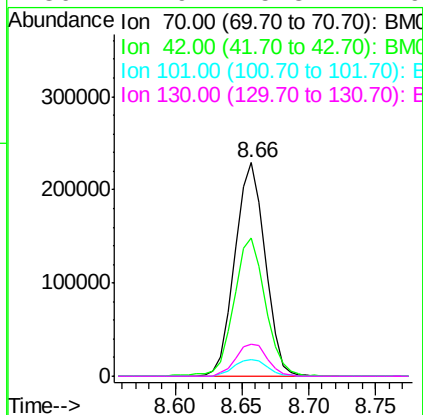
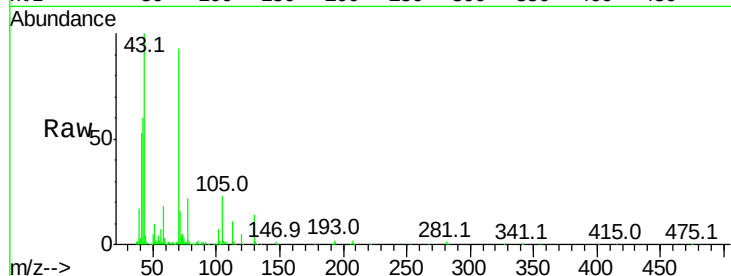




#19
n-Nitroso-di-n-propylamine
Concen: 47.98 ng
RT: 8.66 min Scan# 947
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

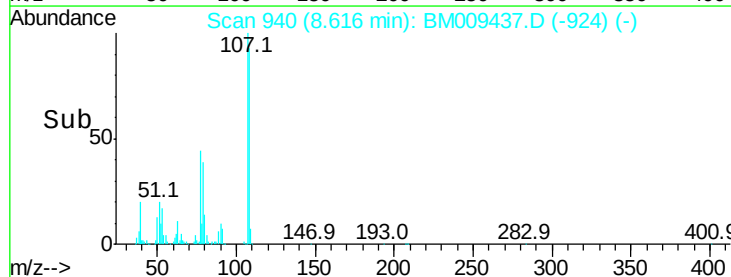
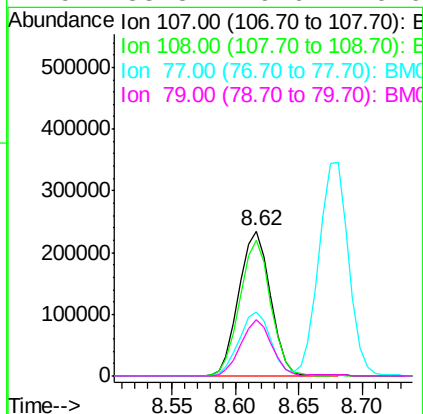
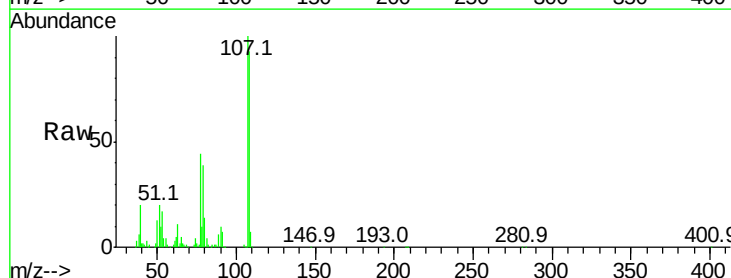
Instrument :
BNA_M
ClientSampleId :
HSP-01MS

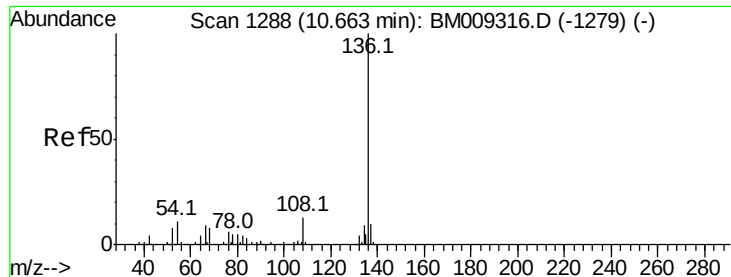
Tot Ion: 70 Resp: 361754
Ion Ratio Lower Upper
70 100
42 64.7 44.5 66.7
101 7.9 7.4 11.2
130 14.9 15.3 22.9#



#20
3+4-Methylphenols
Concen: 45.51 ng
RT: 8.62 min Scan# 940
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

Tgt Ion: 107 Resp: 410264
Ion Ratio Lower Upper
107 100
108 93.3 73.2 113.2
77 44.0 10.7 50.7
79 38.8 9.6 49.6

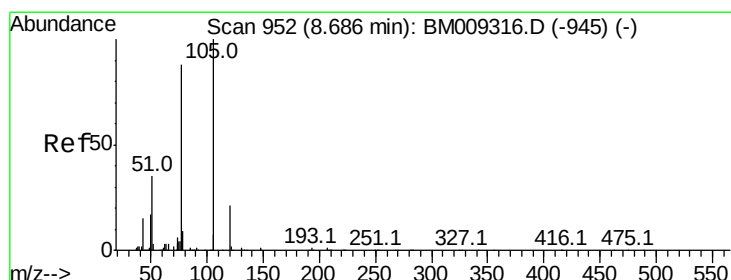
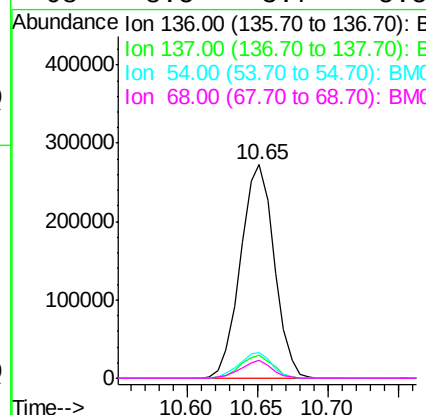
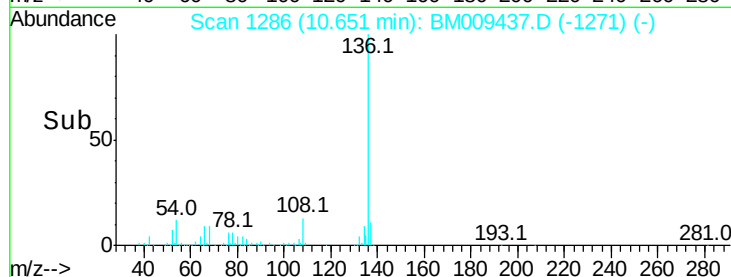
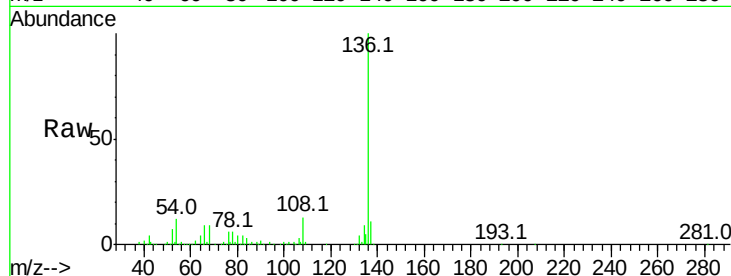




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

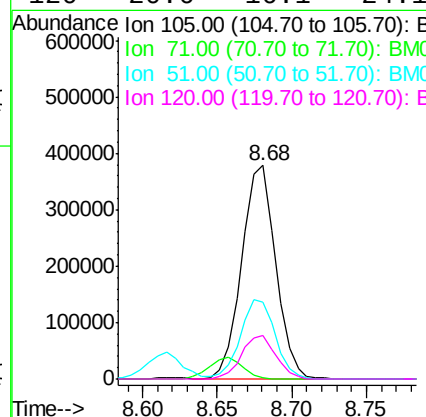
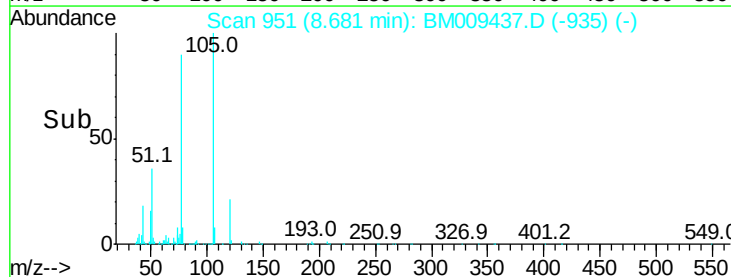
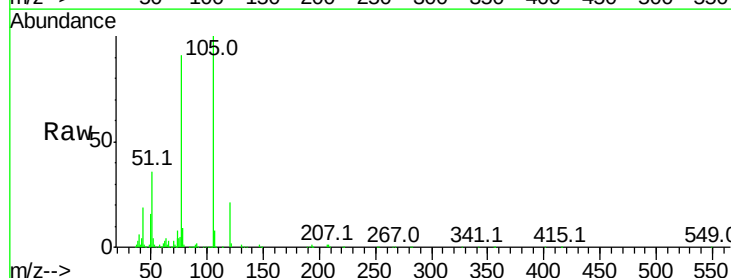
Instrument :
BNA_M
ClientSampleId :
HSP-01MS

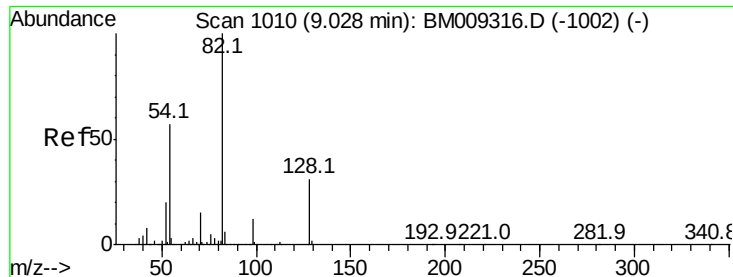
Tot Ion:136	Resp:	454891
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.7 13.1
54	12.2	4.6 6.8#
68	8.5	3.7 5.5#



#22
Acetophenone
Concen: 46.68 ng
RT: 8.68 min Scan# 951
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

Tgt Ion:105	Resp:	598935
Ion	Ratio	Lower Upper
105	100	
71	0.6	0.6 1.0#
51	36.1	21.6 32.4#
120	20.6	16.1 24.1

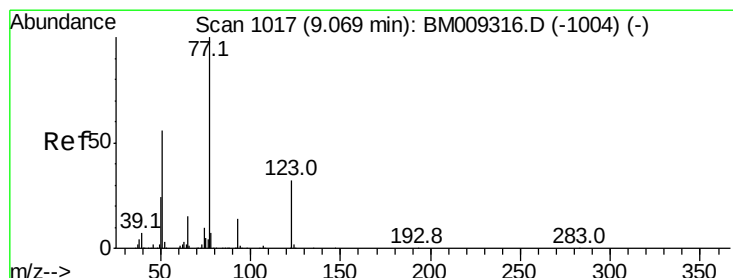
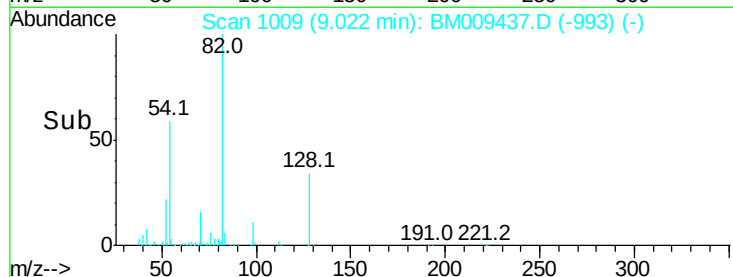
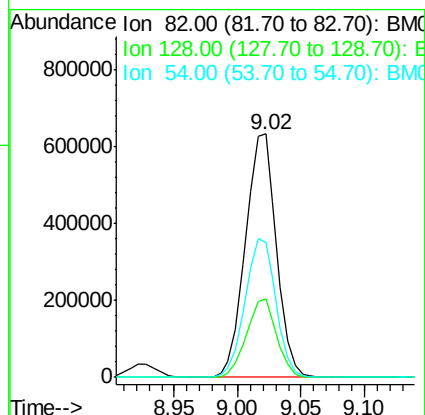
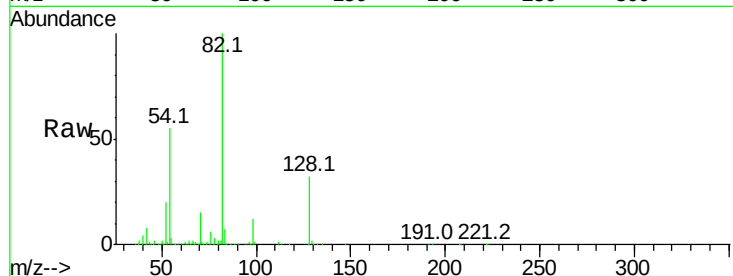




#23
 Nitrobenzene-d5
 Concen: 88.56 ng
 RT: 9.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BM009437.D
 Acq: 29 Mar 2017 17:59

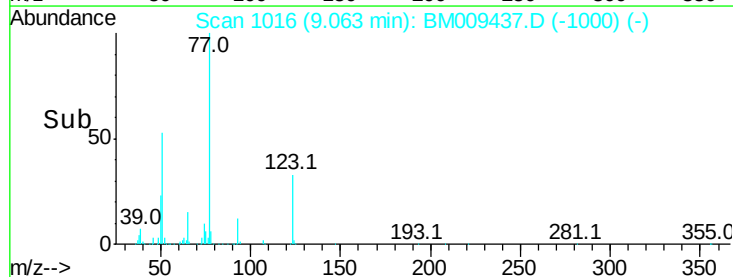
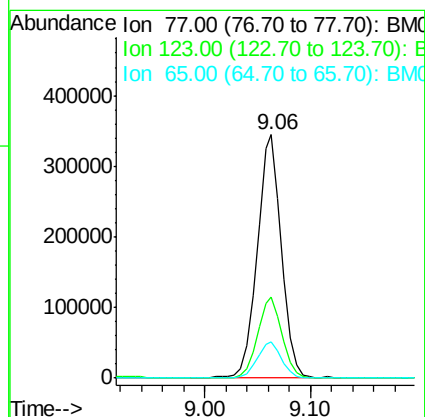
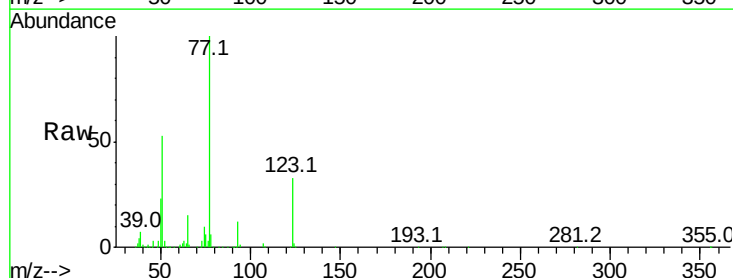
Instrument :
 BNA_M
 ClientSampleId :
 HSP-01MS

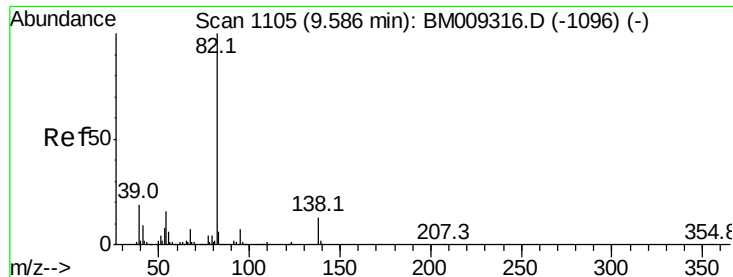
Tot Ion: 82 Resp: 1074399
 Ion Ratio Lower Upper
 82 100
 128 32.0 32.8 49.2#
 54 55.5 40.6 60.8



#24
 Nitrobenzene
 Concen: 46.36 ng
 RT: 9.06 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BM009437.D
 Acq: 29 Mar 2017 17:59

Tgt Ion: 77 Resp: 551025
 Ion Ratio Lower Upper
 77 100
 123 33.4 32.6 49.0
 65 14.9 10.9 16.3





#25

Isophorone

Concen: 48.87 ng

RT: 9.58 min Scan# 1104

Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

Instrument :

BNA_M

ClientSampled :

HSP-01MS

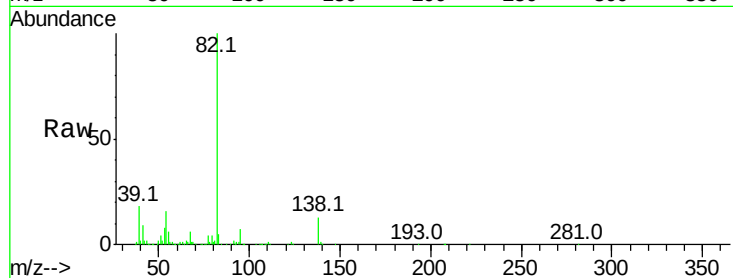
Tot Ion: 82 Resp: 904504

Ion Ratio Lower Upper

82 100

95 7.5 5.8 8.6

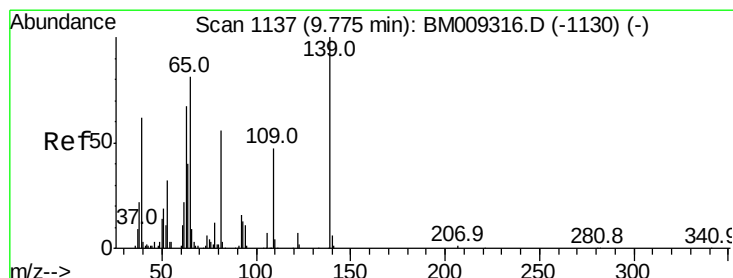
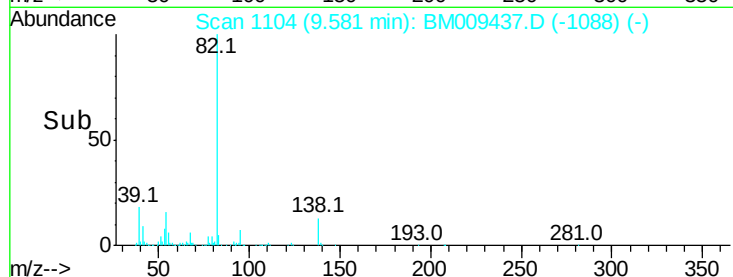
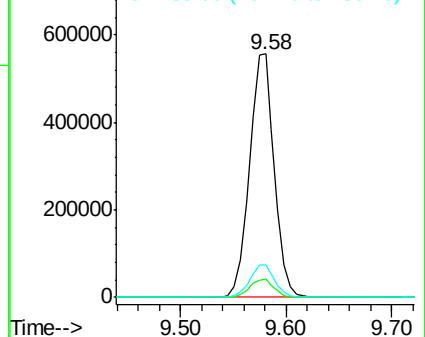
138 13.3 16.3 24.5#



Abundance Ion 82.00 (81.70 to 82.70): BM009437.D (-1088) (-)

Ion 95.00 (94.70 to 95.70): BM009437.D (-1088) (-)

Ion 138.00 (137.70 to 138.70): BM009437.D (-1088) (-)



#26

2-Nitrophenol

Concen: 50.05 ng

RT: 9.77 min Scan# 1136

Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

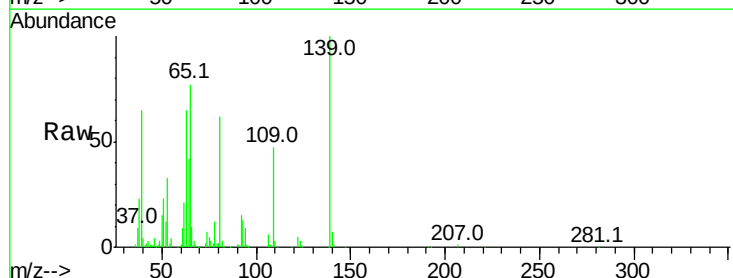
Tgt Ion: 139 Resp: 179407

Ion Ratio Lower Upper

139 100

109 47.0 20.1 30.1#

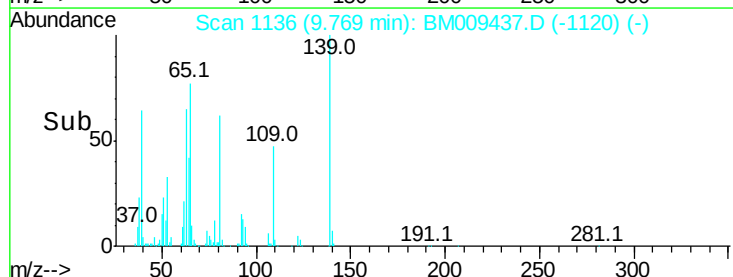
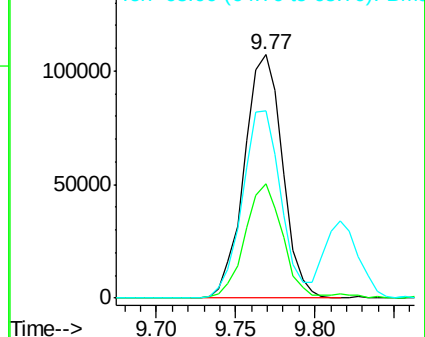
65 77.0 31.5 47.3#

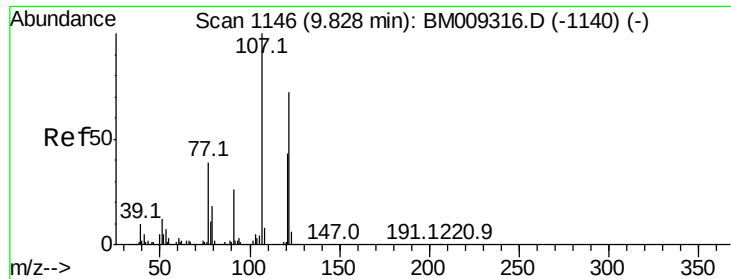


Abundance Ion 139.00 (138.70 to 139.70): BM009437.D (-1120) (-)

Ion 109.00 (108.70 to 109.70): BM009437.D (-1120) (-)

Ion 65.00 (64.70 to 65.70): BM009437.D (-1120) (-)

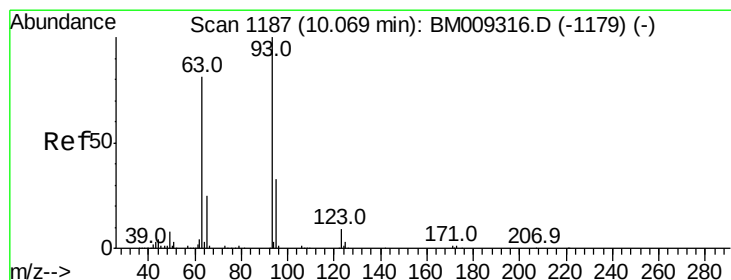
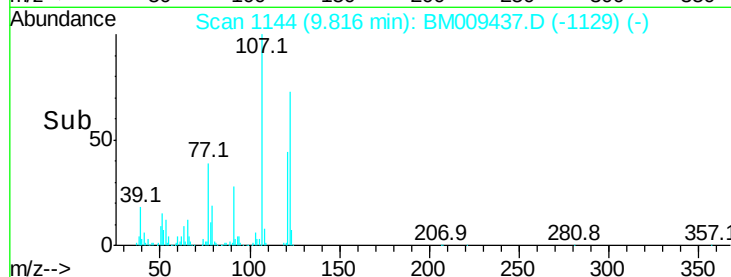
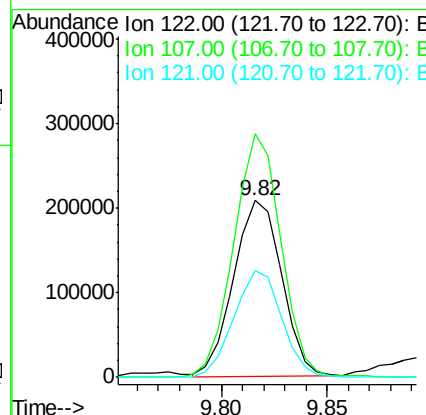
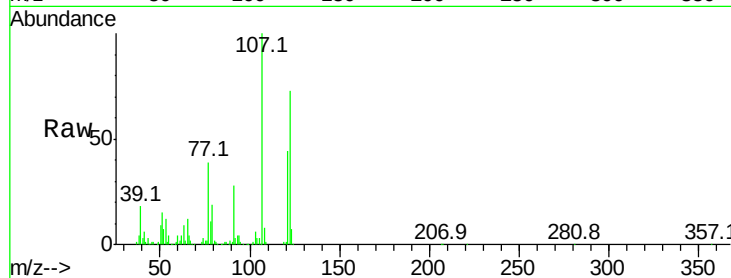




#27
2,4-Dimethylphenol
Concen: 49.84 ng
RT: 9.82 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

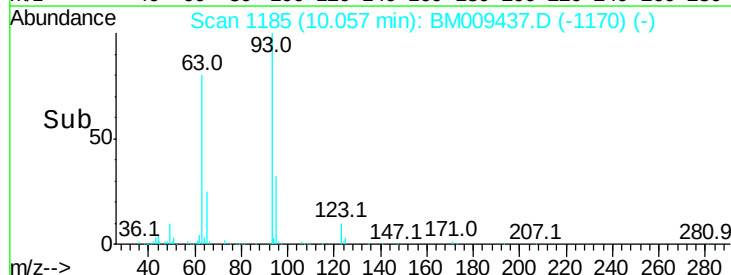
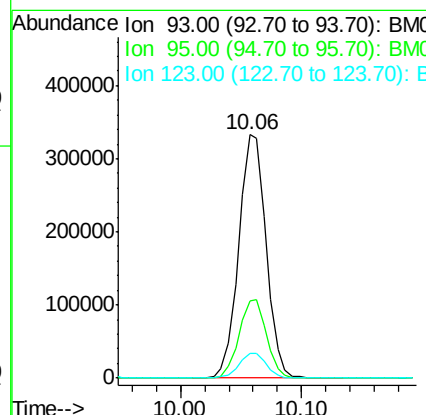
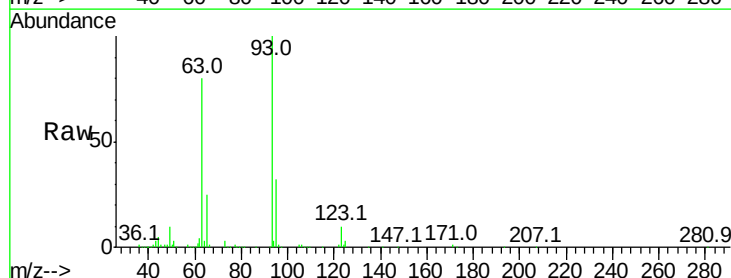
Instrument :
BNA_M
ClientSampleId :
HSP-01MS

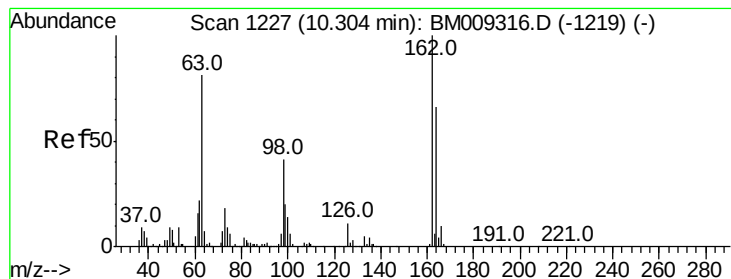
Tot Ion:122 Resp: 326877
Ion Ratio Lower Upper
122 100
107 137.8 84.7 127.1#
121 60.4 46.6 69.8



#28
bis(2-Chloroethoxy)methane
Concen: 45.98 ng
RT: 10.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

Tgt Ion: 93 Resp: 526873
Ion Ratio Lower Upper
93 100
95 31.5 25.5 38.3
123 9.9 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 49.48 ng

RT: 10.29 min Scan# 1225

Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

Instrument :

BNA_M

ClientSampleId :

HSP-01MS

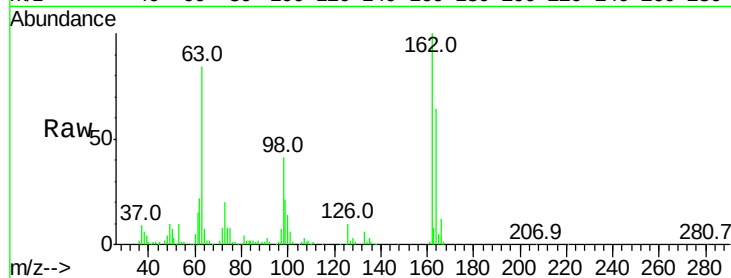
Tot Ion:162 Resp: 339250

Ion Ratio Lower Upper

162 100

164 64.2 42.8 82.8

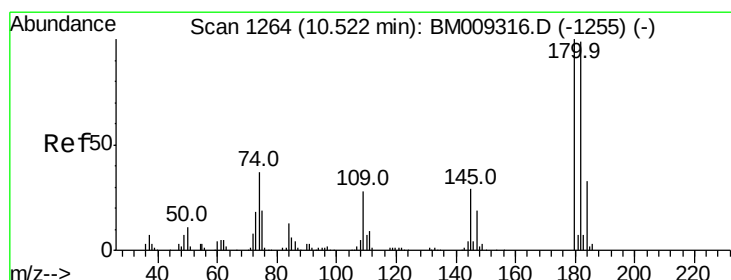
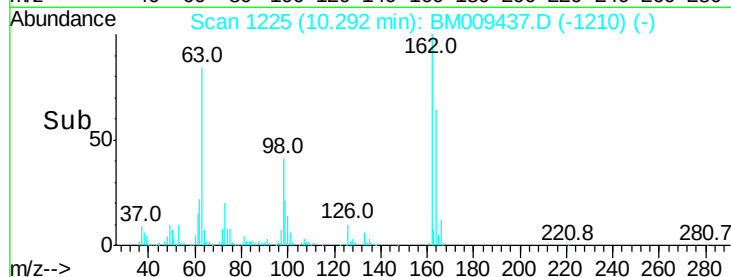
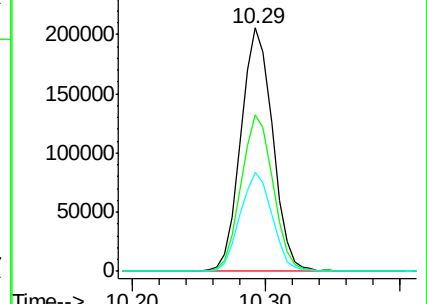
98 40.7 14.5 54.5



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: 46.75 ng

RT: 10.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

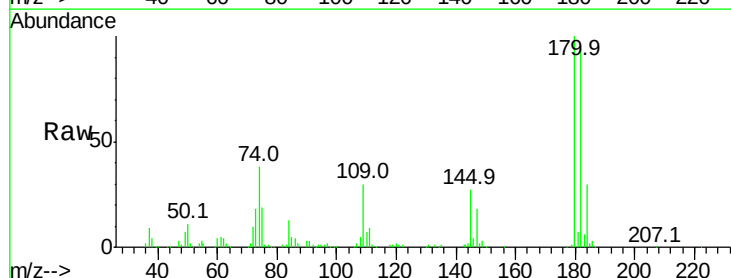
Tgt Ion:180 Resp: 397667

Ion Ratio Lower Upper

180 100

182 94.5 77.6 116.4

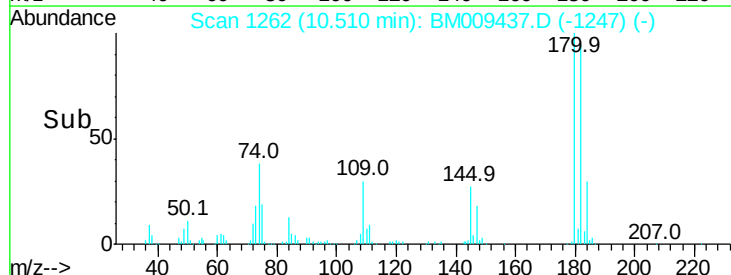
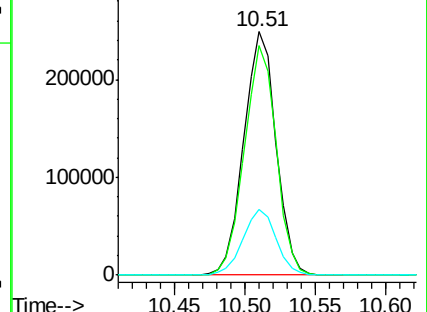
145 27.1 23.4 35.2

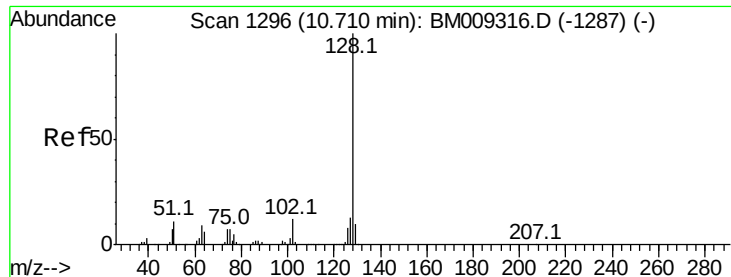


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

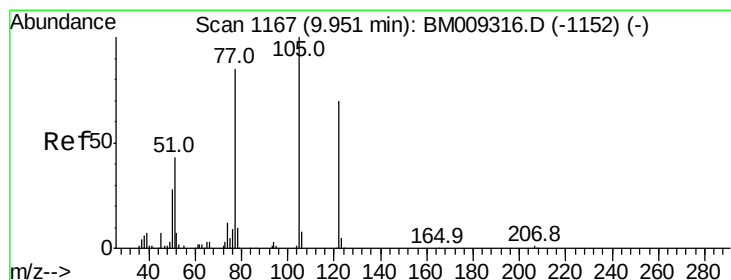
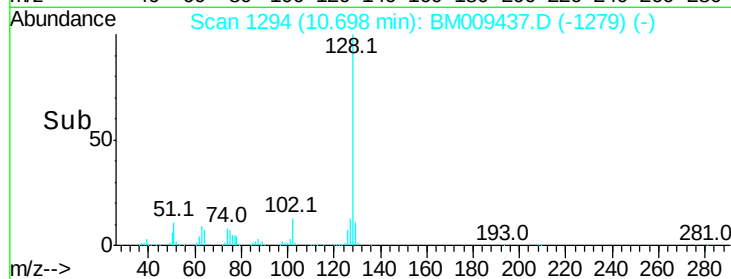
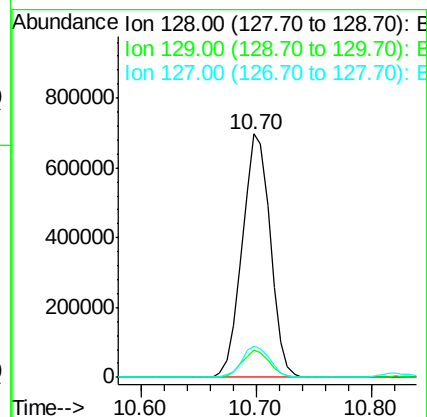
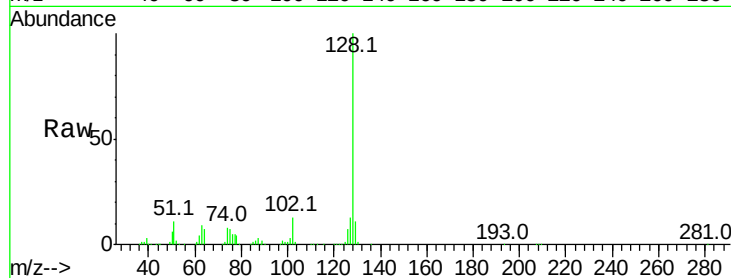




#31
Naphthalene
Concen: 48.56 ng
RT: 10.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

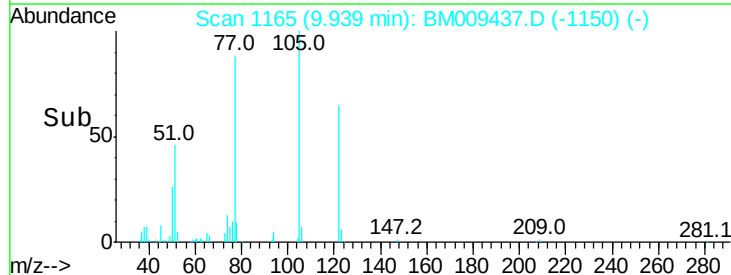
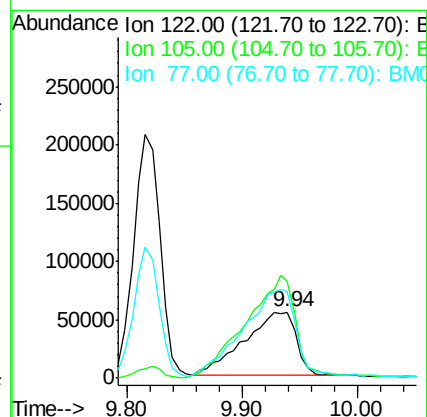
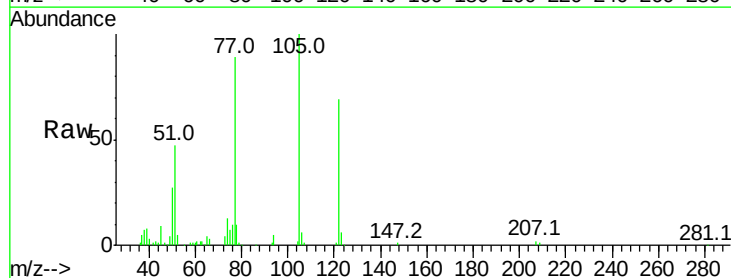
Instrument :
BNA_M
ClientSampleId :
HSP-01MS

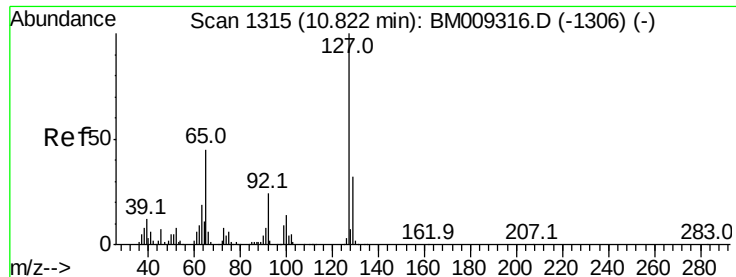
Tot Ion:128 Resp: 1172383
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 12.5 10.4 15.6



#32
Benzoic acid
Concen: 38.72 ng
RT: 9.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

Tgt Ion:122 Resp: 172682
Ion Ratio Lower Upper
122 100
105 145.7 99.9 139.9#
77 129.6 73.7 113.7#

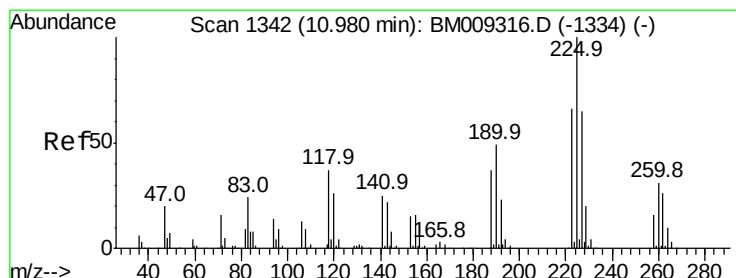
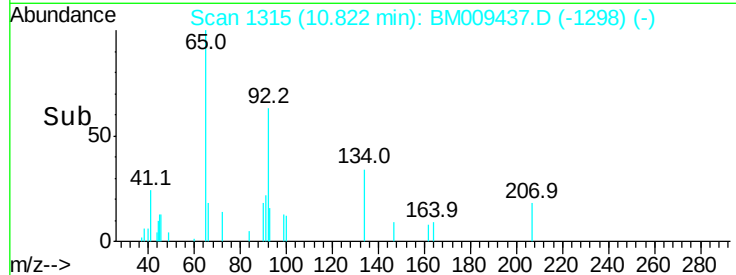
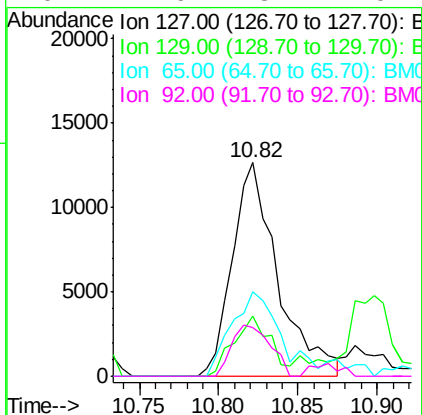
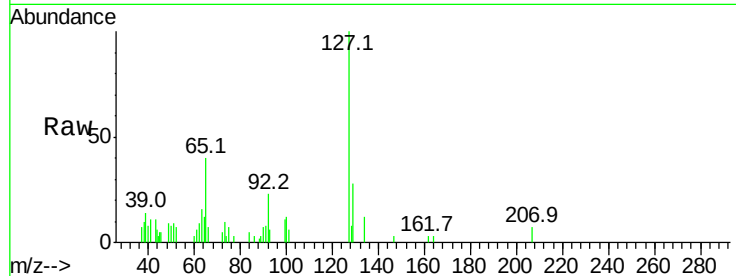




#33
4-Chloroaniline
Concen: 2.71 ng
RT: 10.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

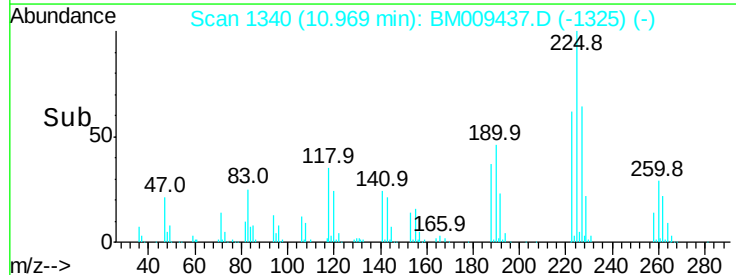
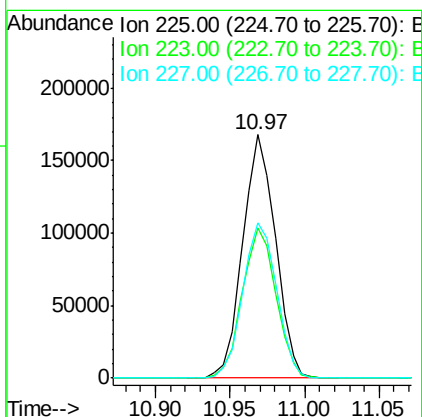
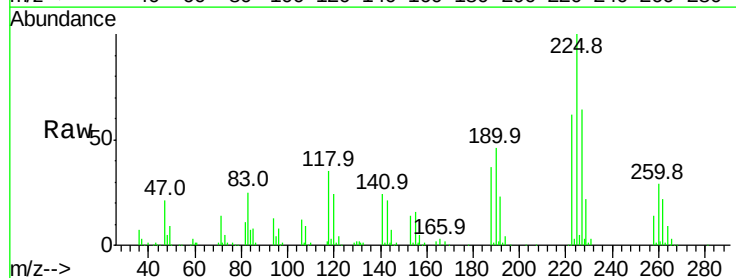
Instrument :
BNA_M
ClientSampleId :
HSP-01MS

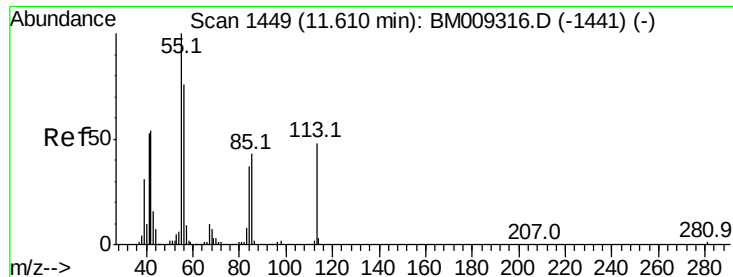
Tot Ion:	127	Resp:	25203
Ion	Ratio	Lower	Upper
127	100		
129	28.4	25.3	37.9
65	39.6	17.6	26.4
92	22.9	13.1	19.7



#34
Hexachlorobutadiene
Concen: 43.82 ng
RT: 10.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

Tgt Ion:	225	Resp:	255230
Ion	Ratio	Lower	Upper
225	100		
223	61.7	47.9	71.9
227	64.0	50.1	75.1

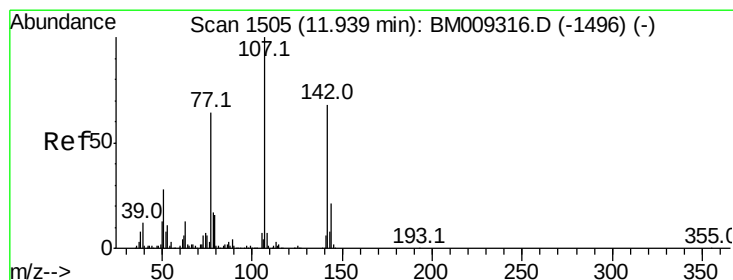
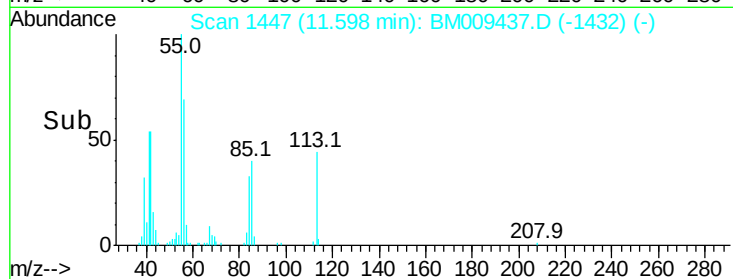
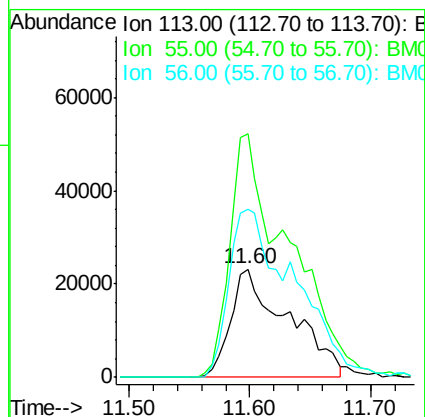
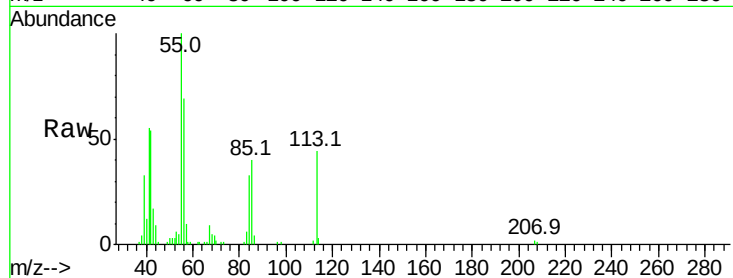




#35
 Caprolactam
 Concen: 36.53 ng
 RT: 11.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BM009437.D
 Acq: 29 Mar 2017 17:59

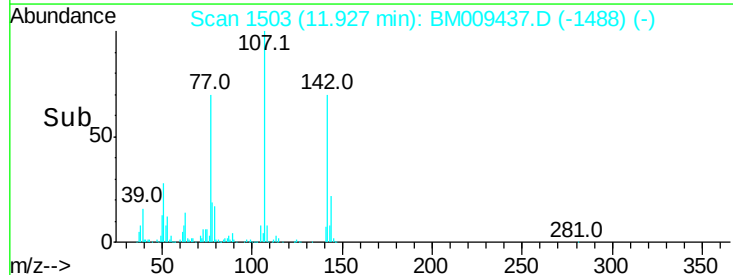
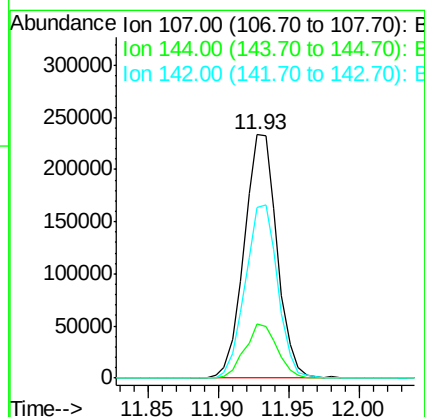
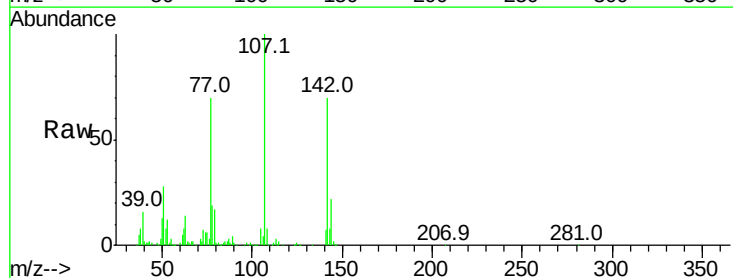
Instrument :
 BNA_M
 ClientSampleId :
 HSP-01MS

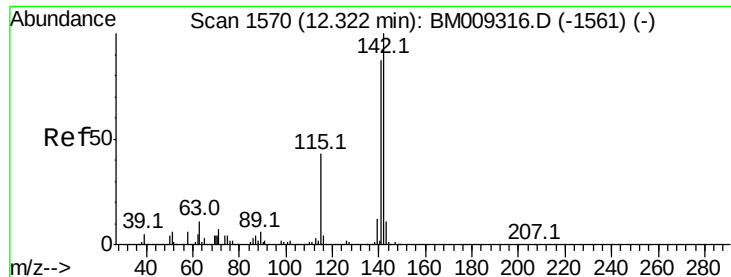
Tot Ion:113 Resp: 76456
 Ion Ratio Lower Upper
 113 100
 55 224.8 145.9 185.9#
 56 154.8 101.0 141.0#



#36
 4-Chloro-3-methylphenol
 Concen: 49.04 ng
 RT: 11.93 min Scan# 1503
 Delta R.T. -0.01 min
 Lab File: BM009437.D
 Acq: 29 Mar 2017 17:59

Tgt Ion:107 Resp: 380345
 Ion Ratio Lower Upper
 107 100
 144 22.1 23.3 34.9#
 142 70.3 72.6 109.0#





#37

2-Methylnaphthalene

Concen: 49.64 ng

RT: 12.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

Instrument :

BNA_M

ClientSampleId :

HSP-01MS

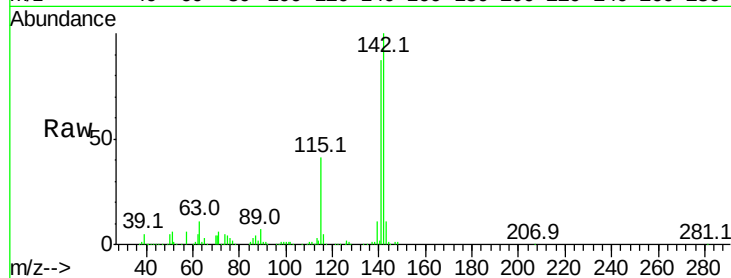
Tot Ion:142 Resp: 827332

Ion Ratio Lower Upper

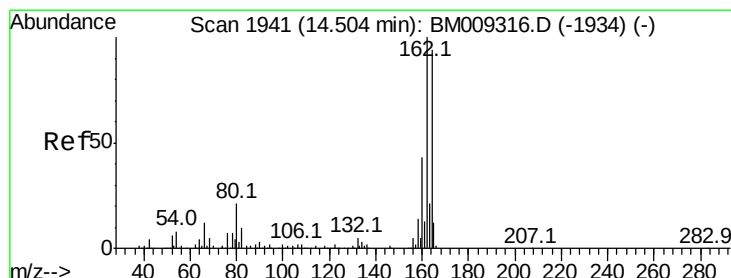
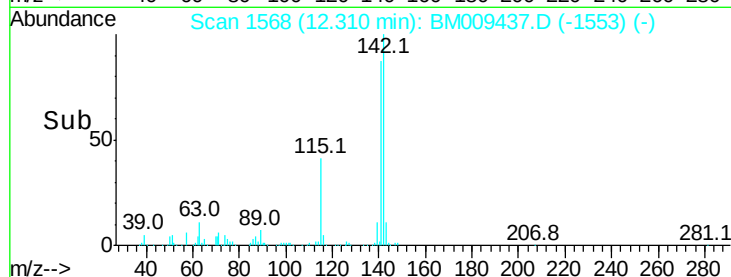
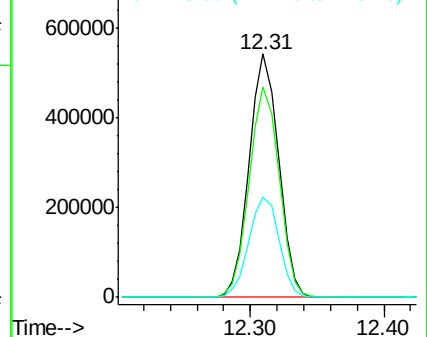
142 100

141 86.7 71.9 107.9

115 41.3 25.4 38.0#



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.49 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

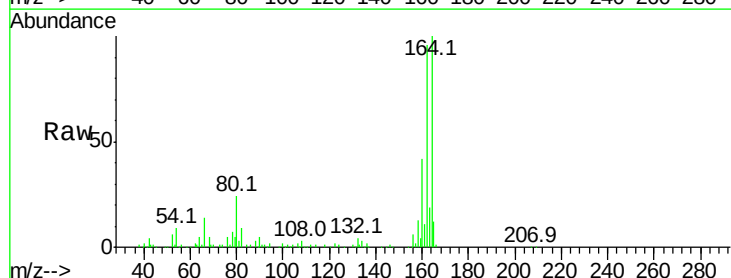
Tgt Ion:164 Resp: 266497

Ion Ratio Lower Upper

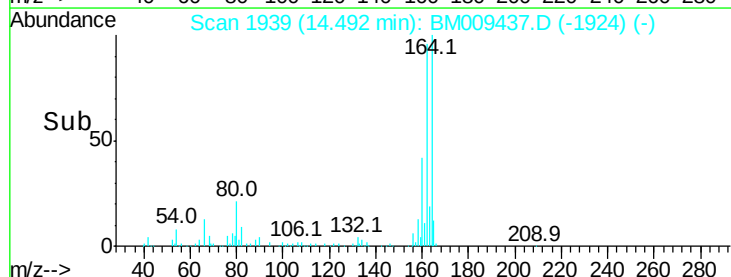
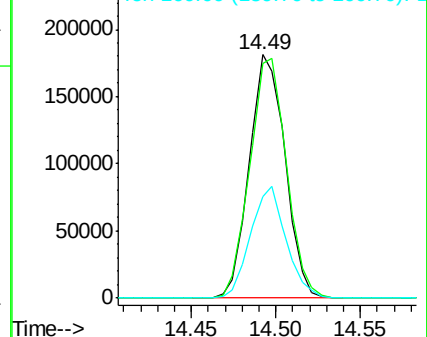
164 100

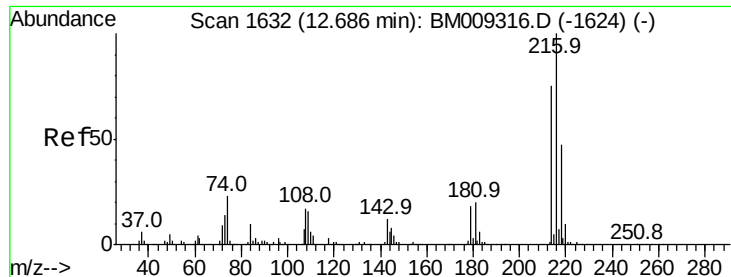
162 96.4 82.4 123.6

160 41.8 35.8 53.6



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.87 ng

RT: 12.68 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

Instrument :

BNA_M

ClientSampleId :

HSP-01MS

Tot Ion:216 Resp: 461525

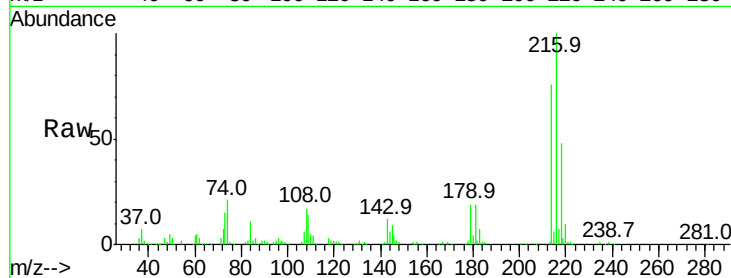
Ion Ratio Lower Upper

216 100

214 77.8 0.0 0.0#

179 20.4 0.0 0.0#

108 24.3 0.0 0.0#

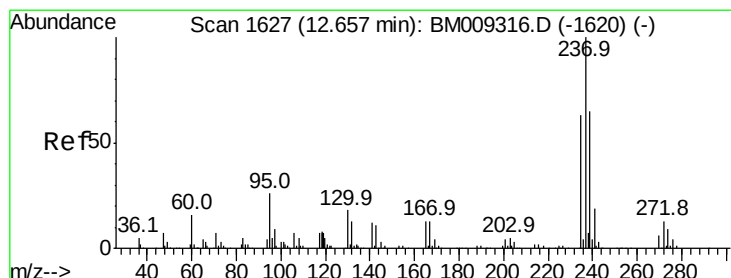
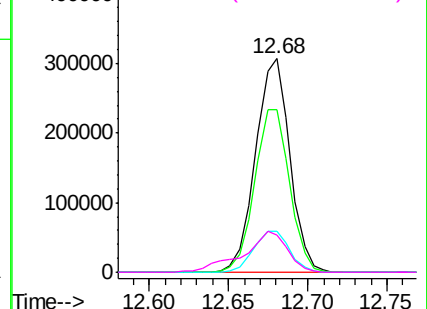
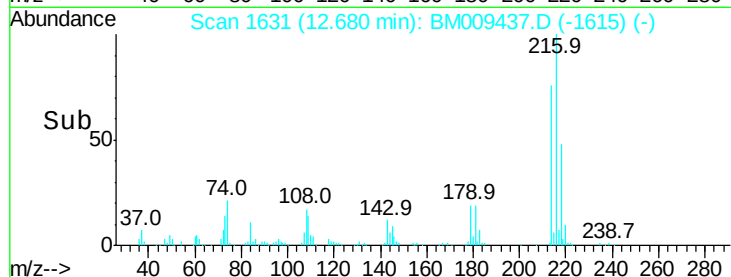


Abundance Ion 216.00 (215.70 to 216.70): E

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: 98.13 ng

RT: 12.65 min Scan# 1626

Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

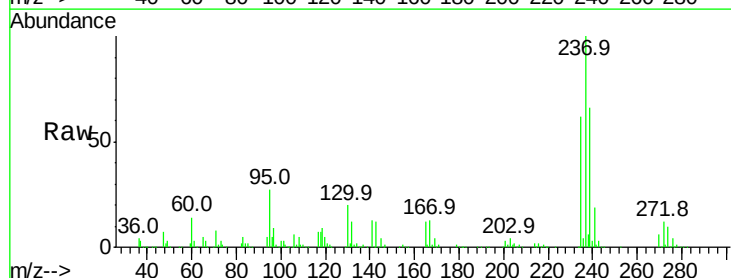
Tgt Ion:237 Resp: 566660

Ion Ratio Lower Upper

237 100

235 62.3 42.0 82.0

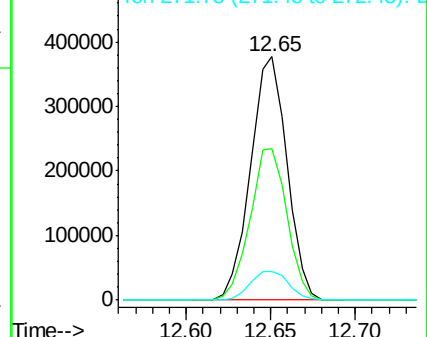
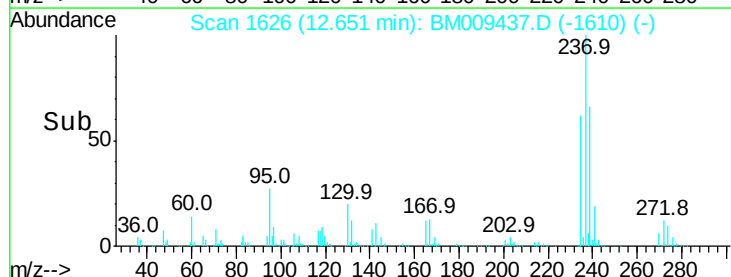
272 11.7 0.0 33.4

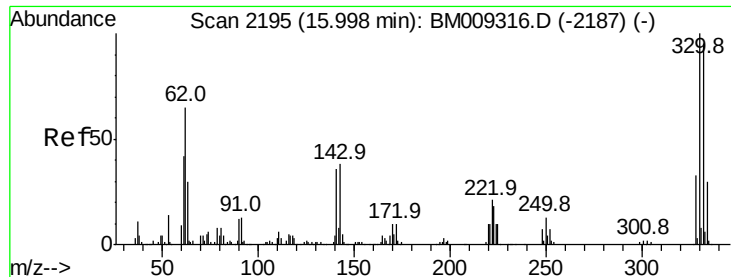


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

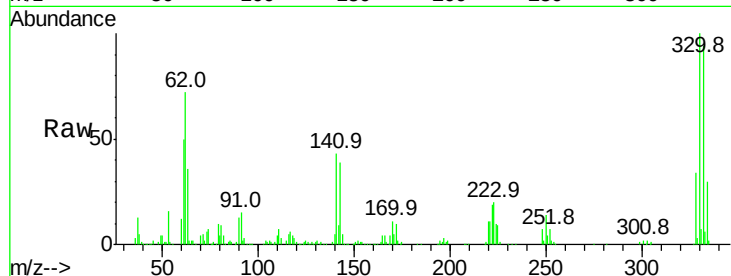




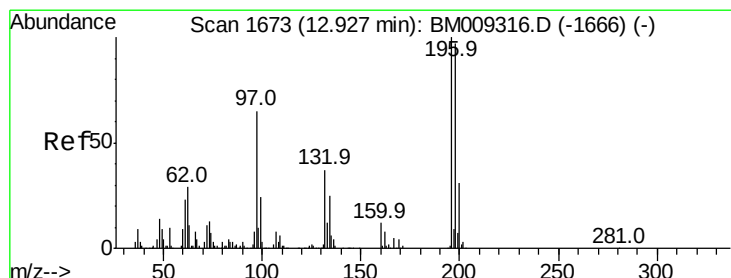
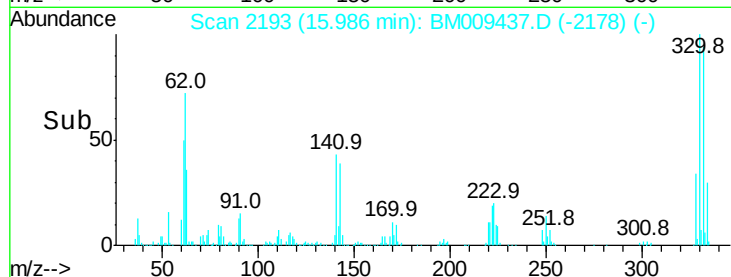
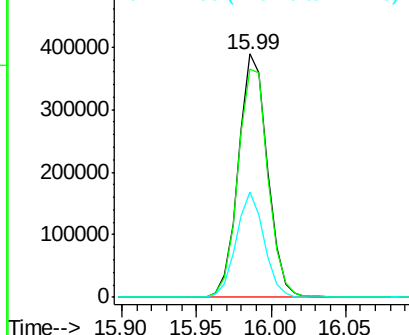
#41
 2,4,6-Tribromophenol
 Concen: 158.99 ng
 RT: 15.99 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BM009437.D
 Acq: 29 Mar 2017 17:59

Instrument :
 BNA_M
 ClientSampleId :
 HSP-01MS

Tot Ion:330 Resp: 526354
 Ion Ratio Lower Upper
 330 100
 332 97.1 0.0 0.0#
 141 42.0 0.0 0.0#

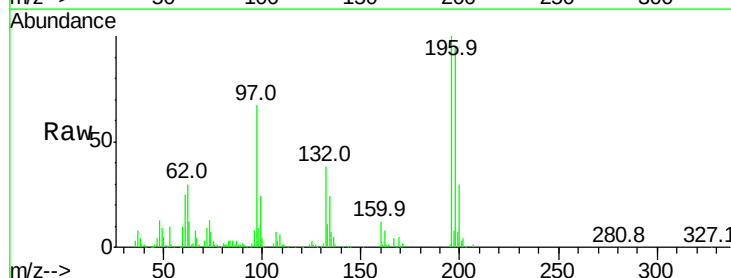


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

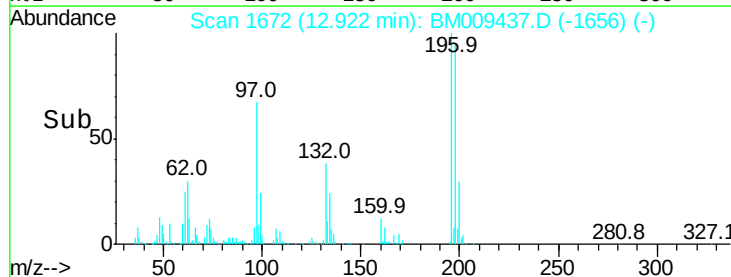
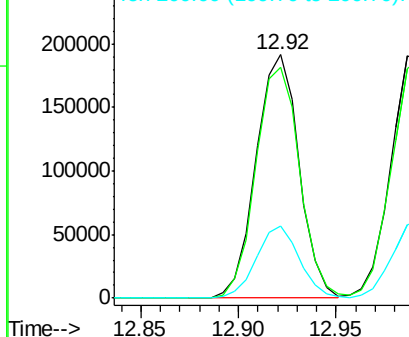


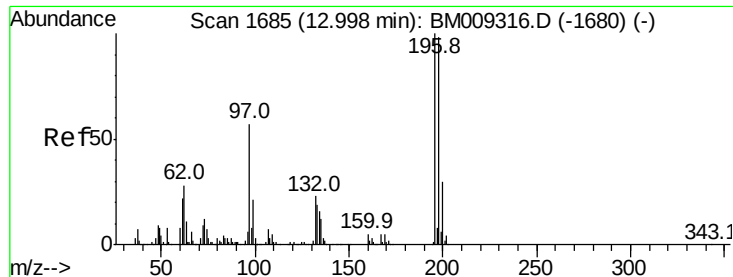
#42
 2,4,6-Trichlorophenol
 Concen: 50.76 ng
 RT: 12.92 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BM009437.D
 Acq: 29 Mar 2017 17:59

Tgt Ion:196 Resp: 291992
 Ion Ratio Lower Upper
 196 100
 198 94.6 76.3 114.5
 200 29.6 25.6 38.4



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

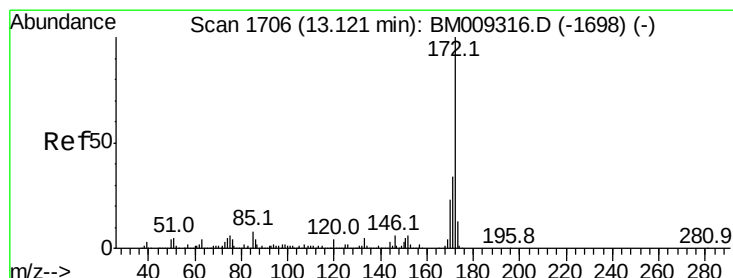
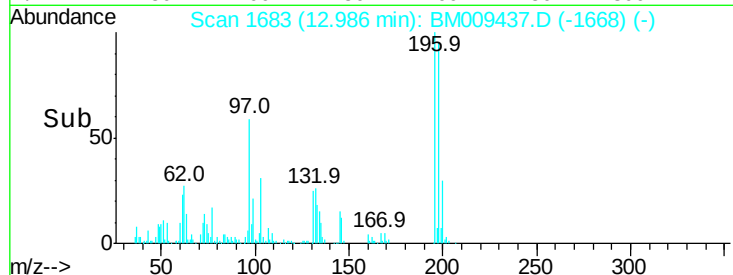
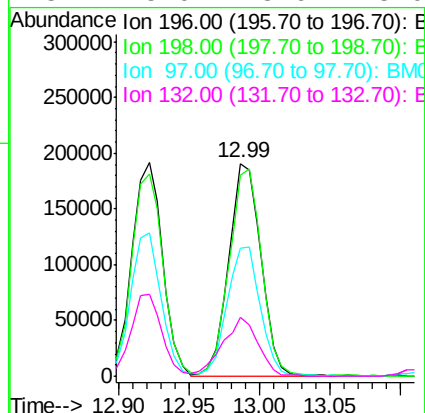
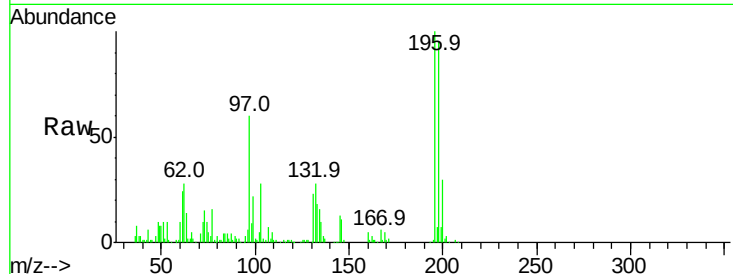




#43
2,4,5-Trichlorophenol
Concen: 47.06 ng
RT: 12.99 min Scan# 1683
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

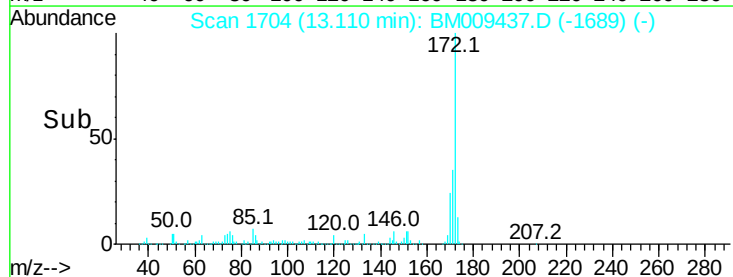
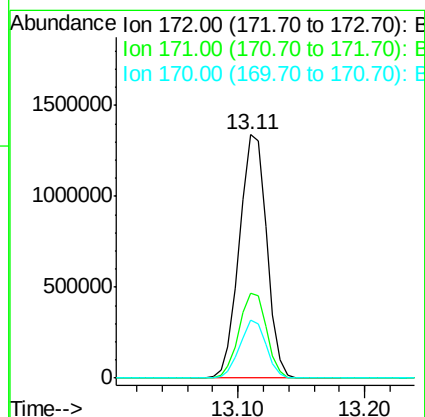
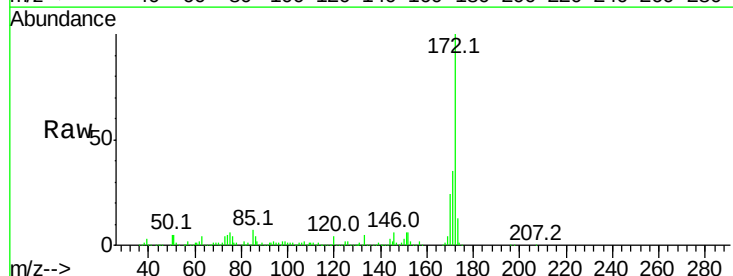
Instrument :
BNA_M
ClientSampleId :
HSP-01MS

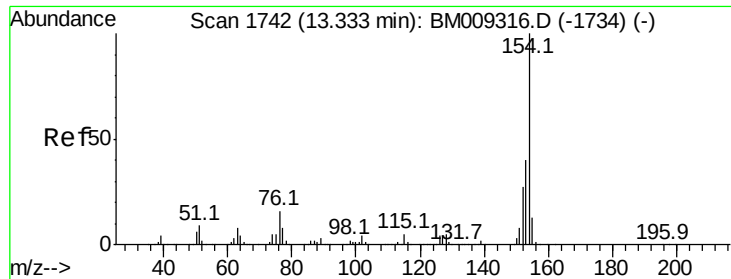
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.7	79.4	119.0
97	60.2	26.8	40.2#
132	28.0	18.6	28.0#



#44
2-Fluorobiphenyl
Concen: 90.26 ng
RT: 13.11 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.5	42.7
170	23.6	18.8	28.2





#45

1,1'-Biphenyl

Concen: 47.55 ng

RT: 13.33 min Scan# 1741

Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

Instrument :

BNA_M

ClientSampleId :

HSP-01MS

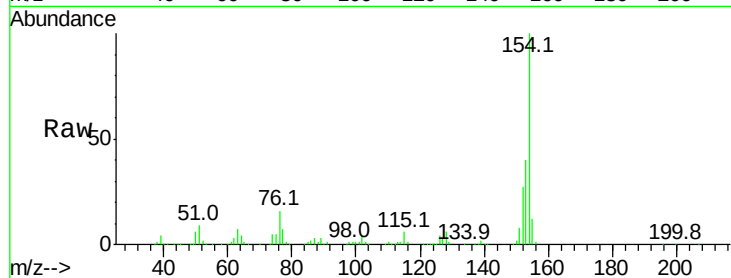
Tot Ion:154 Resp: 1054554

Ion Ratio Lower Upper

154 100

153 39.6 20.7 60.7

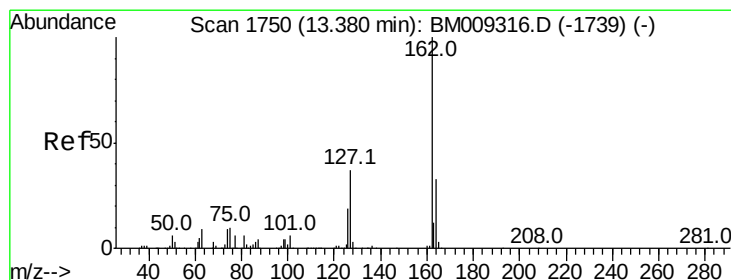
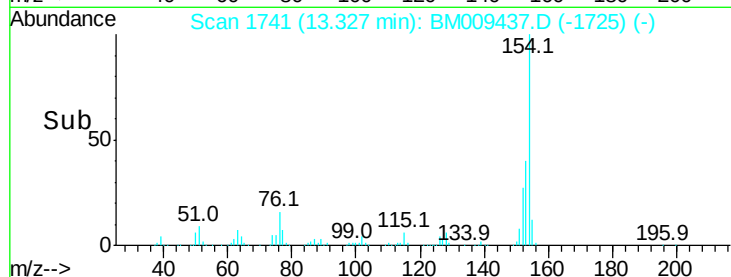
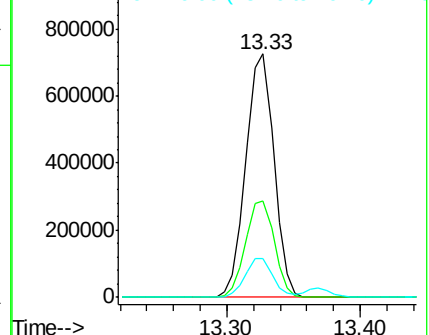
76 16.2 0.0 30.9



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: 48.11 ng

RT: 13.37 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

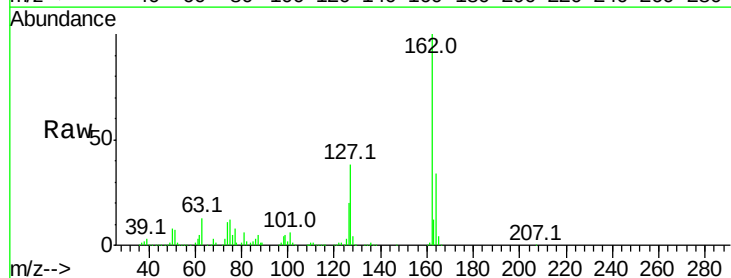
Tgt Ion:162 Resp: 828734

Ion Ratio Lower Upper

162 100

127 38.4 26.9 40.3

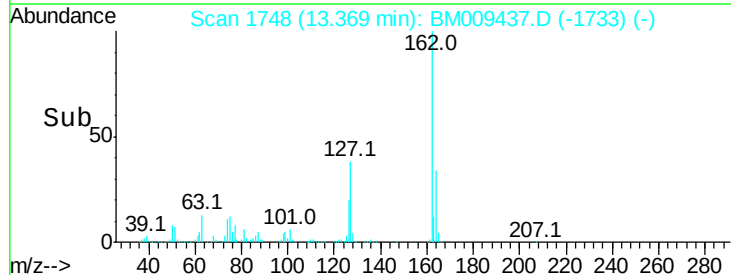
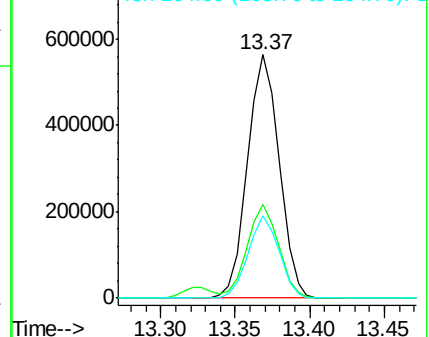
164 33.8 26.8 40.2

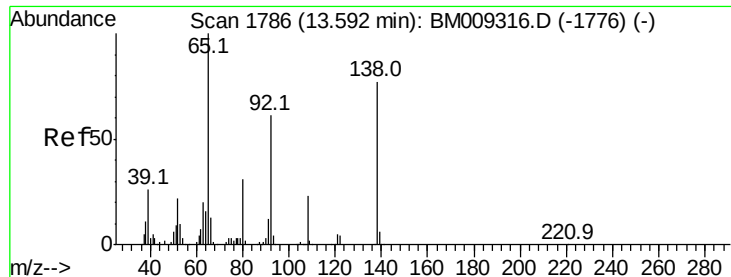


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 47.29 ng

RT: 13.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

Instrument :

BNA_M

ClientSampleId :

HSP-01MS

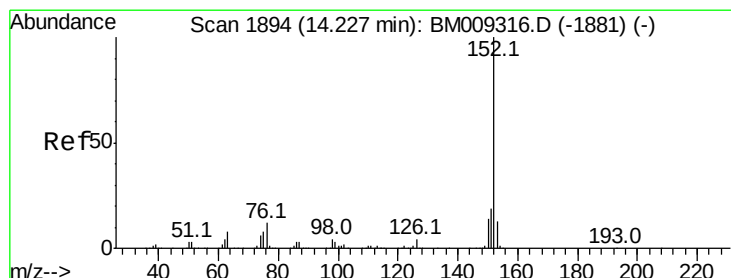
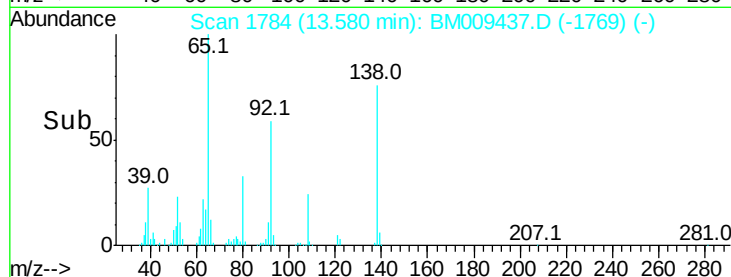
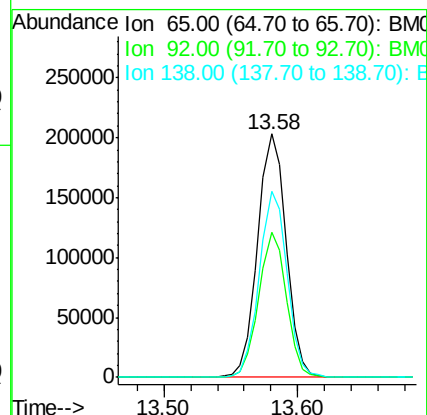
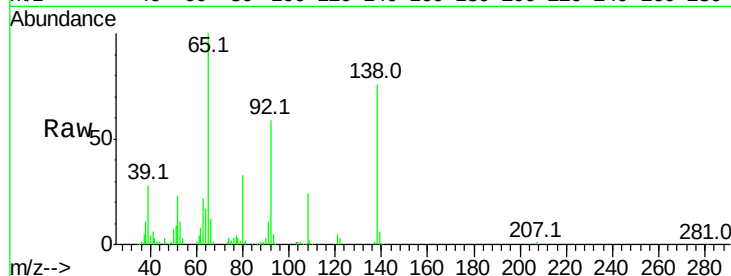
Tot Ion: 65 Resp: 300145

Ion Ratio Lower Upper

65 100

92 59.3 59.1 88.7

138 76.2 93.9 140.9#



#48

Acenaphthylene

Concen: 46.70 ng

RT: 14.22 min Scan# 1892

Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

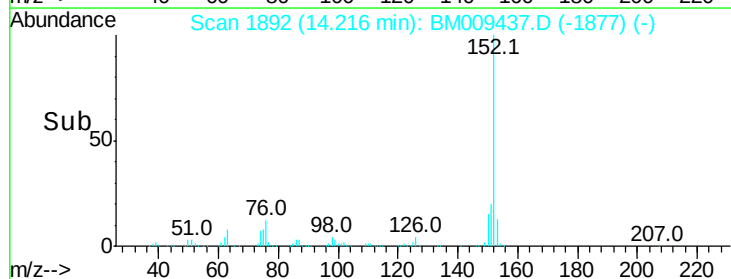
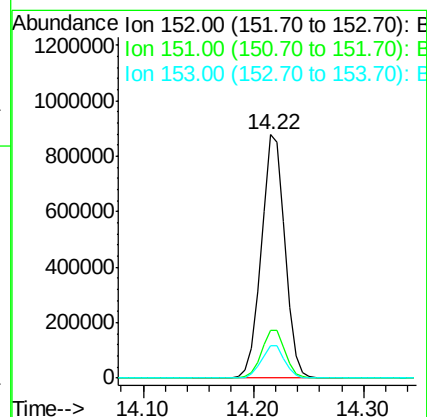
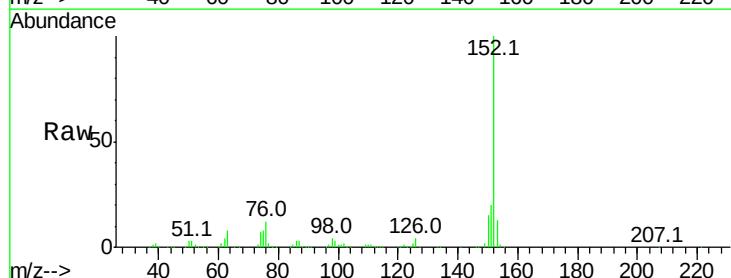
Tgt Ion: 152 Resp: 1310487

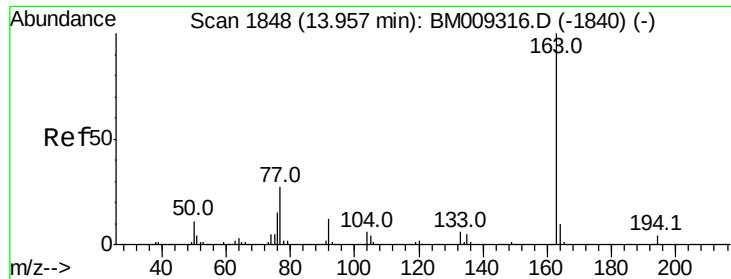
Ion Ratio Lower Upper

152 100

151 19.7 15.9 23.9

153 13.3 10.6 16.0





#49

Dimethylphthalate

Concen: 50.29 ng

RT: 13.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

Instrument :

BNA_M

ClientSampleId :

HSP-01MS

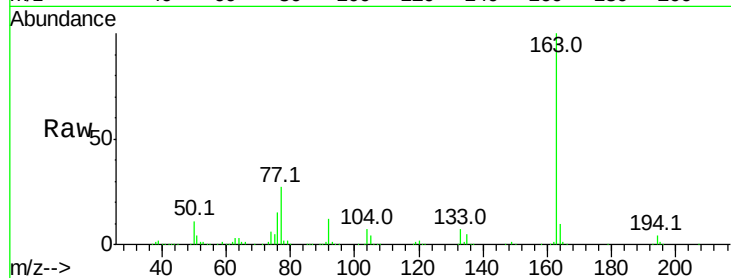
Tot Ion:163 Resp: 1029014

Ion Ratio Lower Upper

163 100

194 4.2 2.7 4.1#

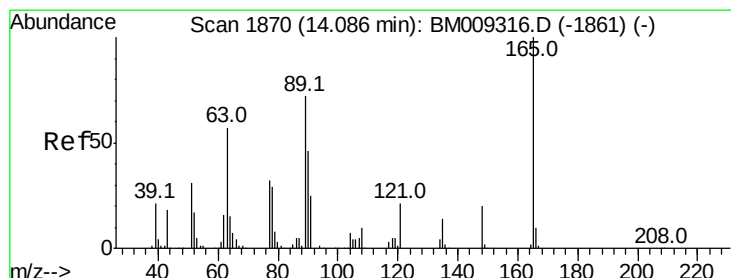
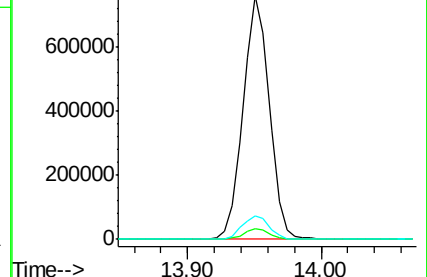
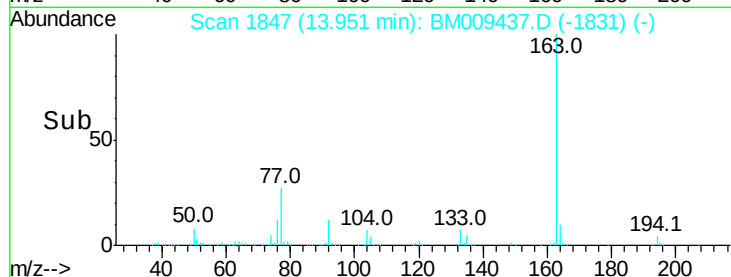
164 9.8 8.2 12.2



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: 49.39 ng

RT: 14.07 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

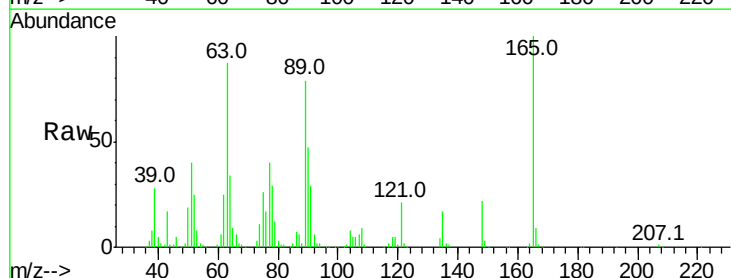
Tgt Ion:165 Resp: 217792

Ion Ratio Lower Upper

165 100

63 86.7 44.1 66.1#

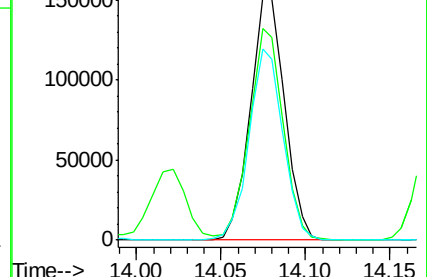
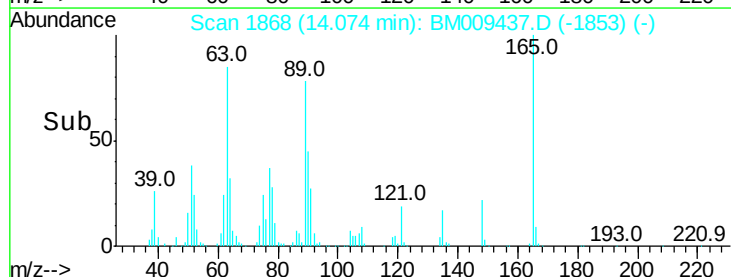
89 78.6 44.3 66.5#

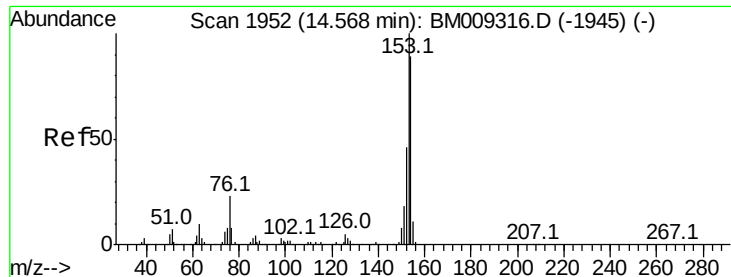


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM





#51

Acenaphthene

Concen: 47.00 ng

RT: 14.56 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

Instrument :

BNA_M

ClientSampleId :

HSP-01MS

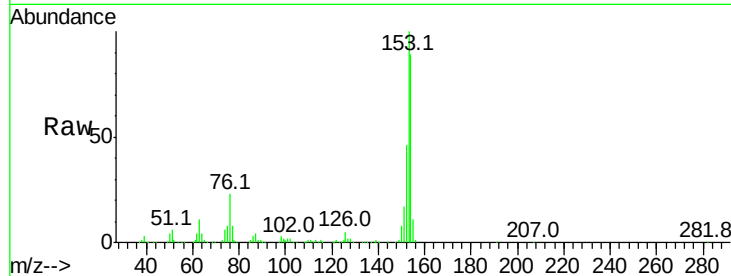
Tot Ion:154 Resp: 795603

Ion Ratio Lower Upper

154 100

153 112.4 90.0 135.0

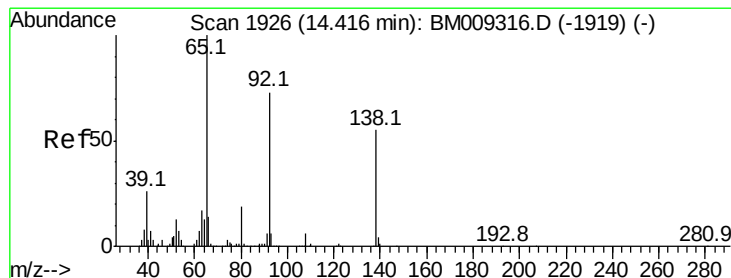
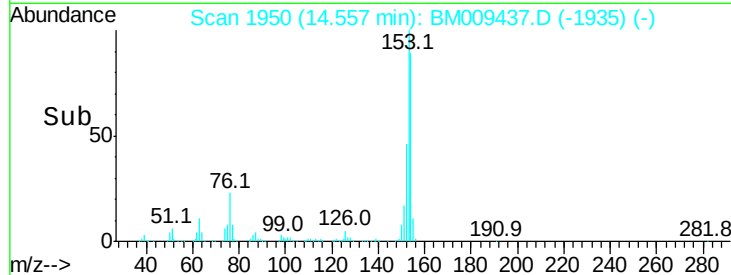
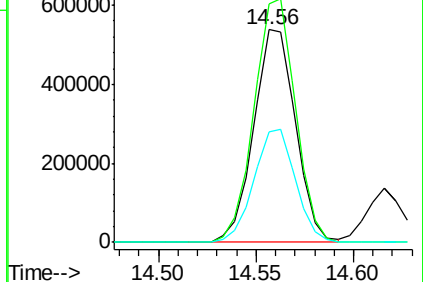
152 51.7 42.6 63.8



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: 5.63 ng

RT: 14.41 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

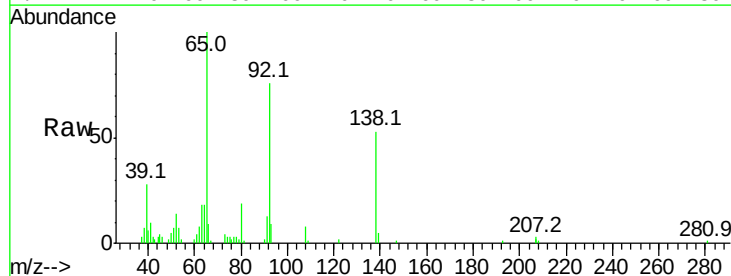
Tgt Ion:138 Resp: 24438

Ion Ratio Lower Upper

138 100

108 15.1 7.3 10.9#

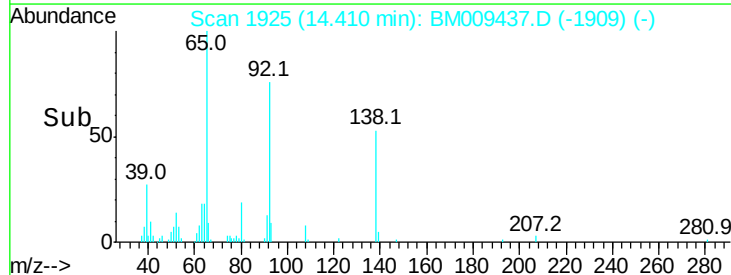
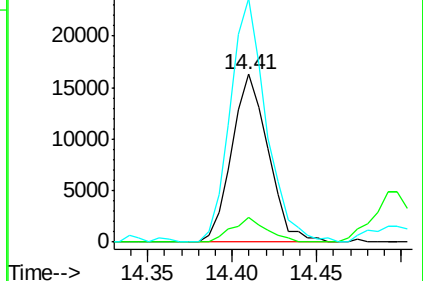
92 145.4 76.6 114.8#

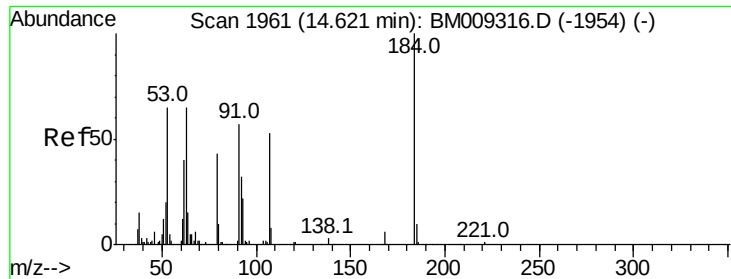


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

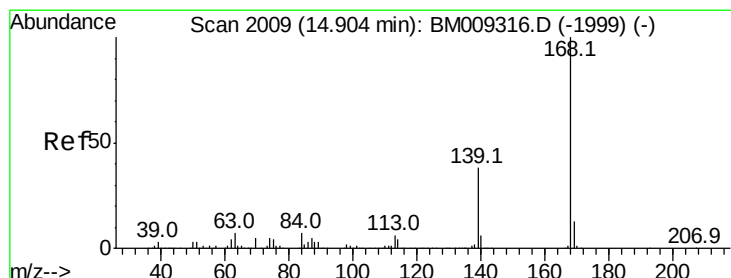
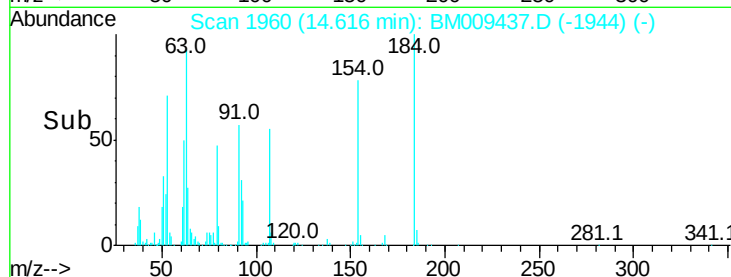
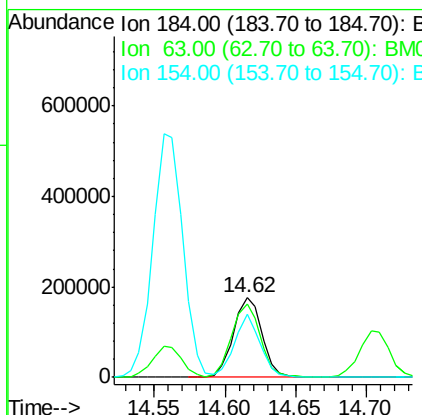
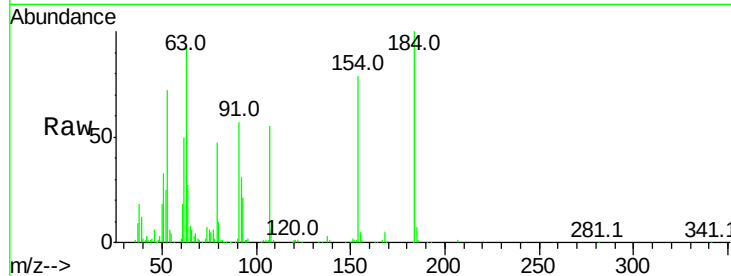




#53
2,4-Dinitrophenol
Concen: 83.55 ng
RT: 14.62 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

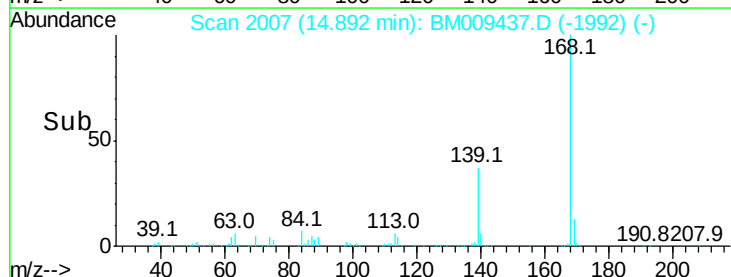
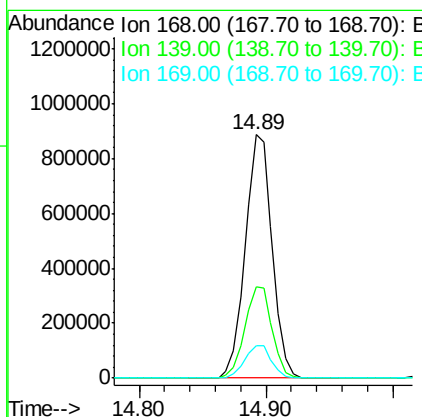
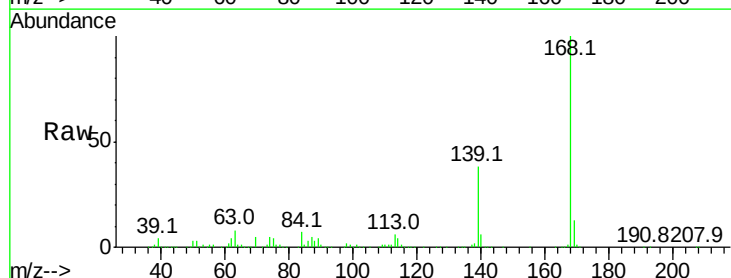
Instrument :
BNA_M
ClientSampleId :
HSP-01MS

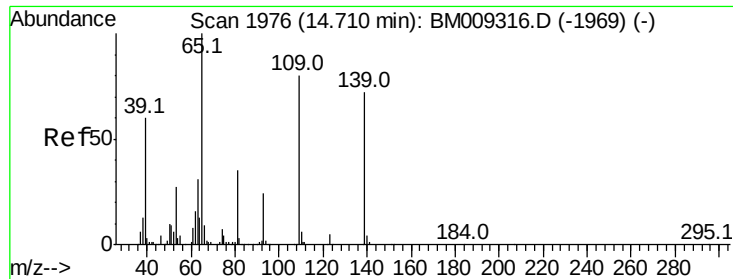
Tot Ion:184 Resp: 249222
Ion Ratio Lower Upper
184 100
63 93.0 69.2 103.8
154 78.7 53.3 79.9



#54
Dibenzofuran
Concen: 51.87 ng
RT: 14.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

Tgt Ion:168 Resp: 1298648
Ion Ratio Lower Upper
168 100
139 37.5 27.3 40.9
169 13.1 10.6 16.0

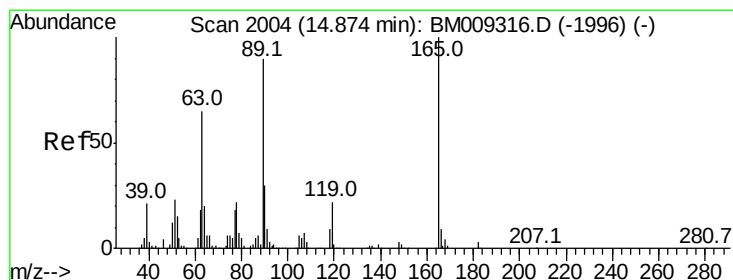
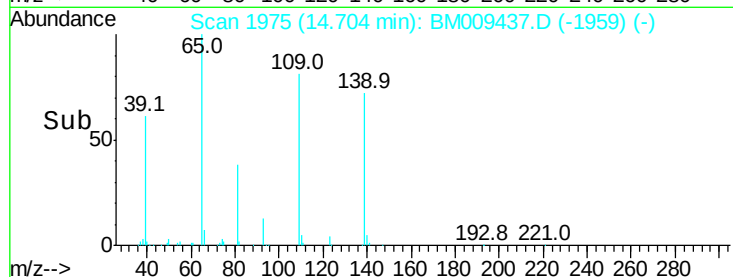
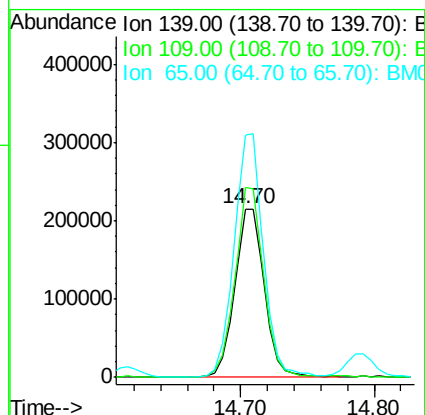
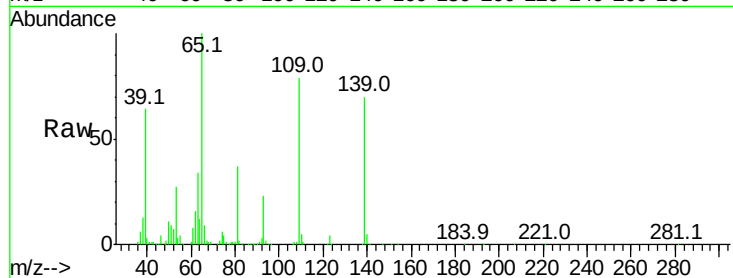




#55
4-Nitrophenol
Concen: 91.92 ng
RT: 14.70 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

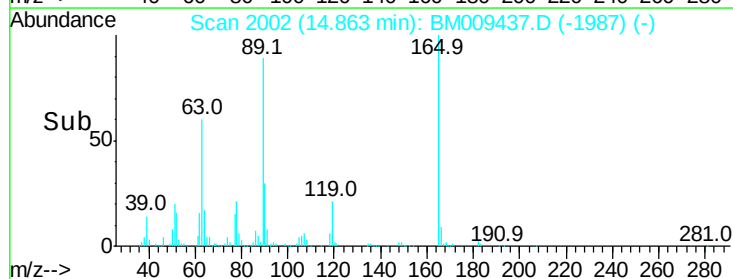
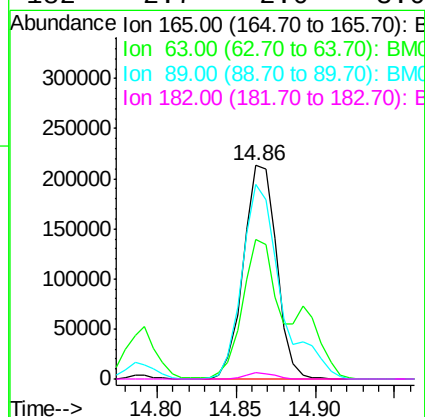
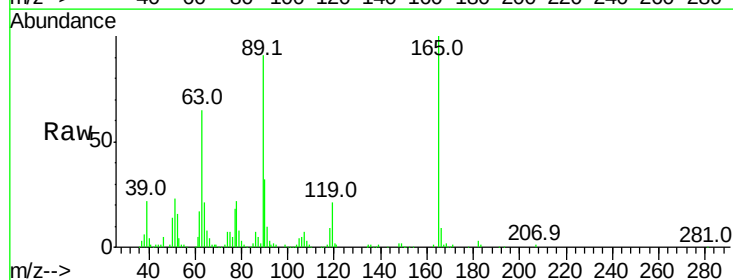
Instrument :
BNA_M
ClientSampleId :
HSP-01MS

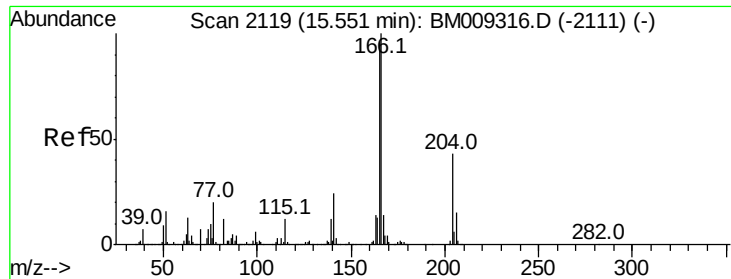
Tot Ion:139 Resp: 330047
Ion Ratio Lower Upper
139 100
109 112.7 37.7 77.7#
65 143.5 49.9 89.9#



#56
2,4-Dinitrotoluene
Concen: 51.91 ng
RT: 14.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

Tgt Ion:165 Resp: 309689
Ion Ratio Lower Upper
165 100
63 65.3 52.4 78.6
89 90.8 72.4 108.6
182 2.7 2.0 3.0

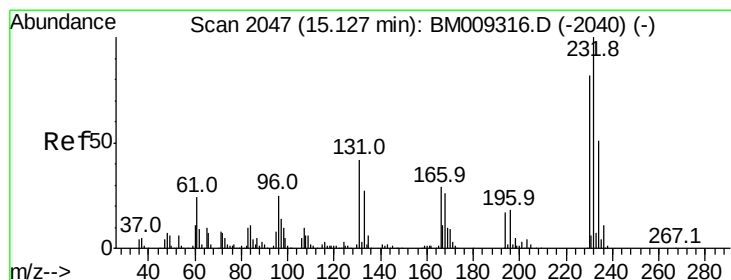
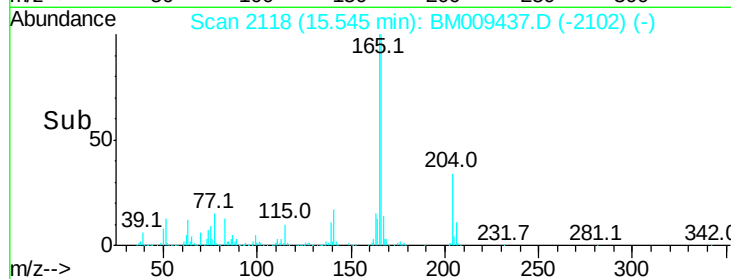
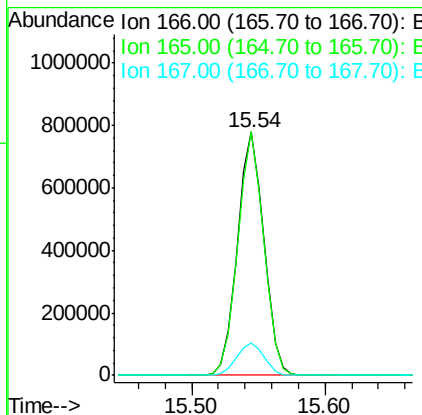
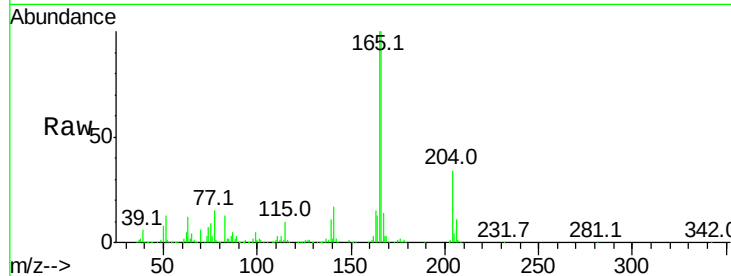




#57
 Fluorene
 Concen: 47.38 ng
 RT: 15.54 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: BM009437.D
 Acq: 29 Mar 2017 17:59

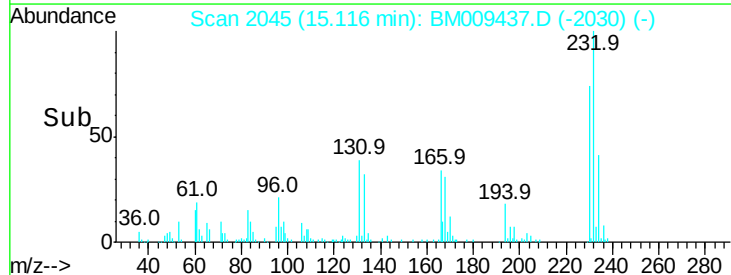
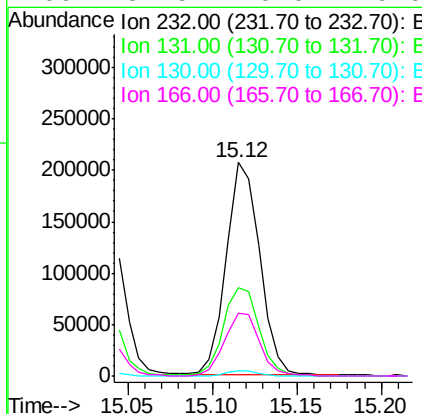
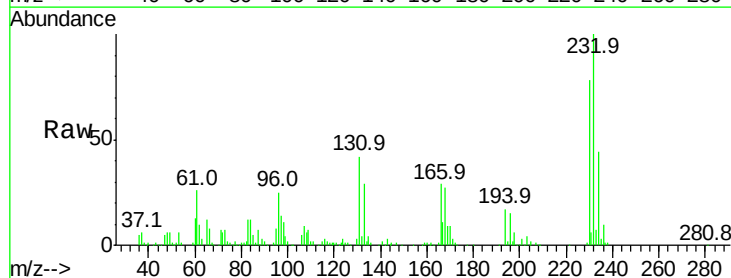
Instrument :
 BNA_M
 ClientSampled :
 HSP-01MS

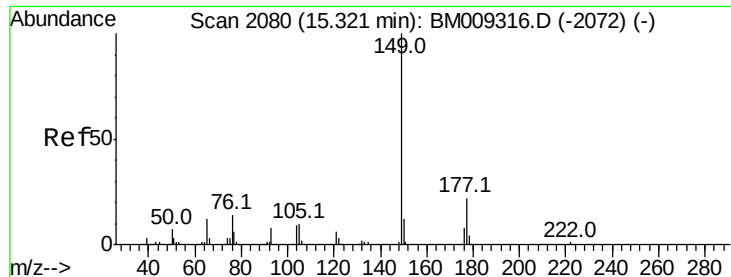
Tot Ion:166 Resp: 1066214
 Ion Ratio Lower Upper
 166 100
 165 99.8 79.0 118.4
 167 13.5 10.3 15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 52.56 ng
 RT: 15.12 min Scan# 2045
 Delta R.T. -0.01 min
 Lab File: BM009437.D
 Acq: 29 Mar 2017 17:59

Tgt Ion:232 Resp: 285350
 Ion Ratio Lower Upper
 232 100
 131 43.9 0.0 0.0#
 130 2.5 0.0 0.0#
 166 31.5 0.0 0.0#

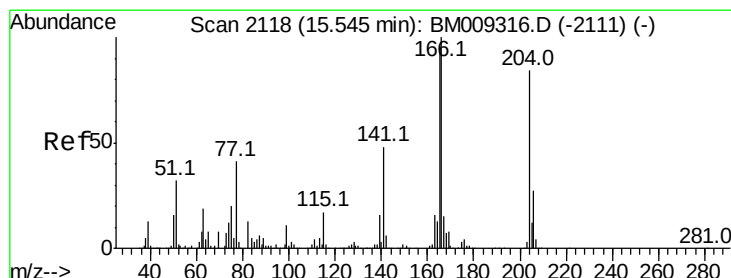
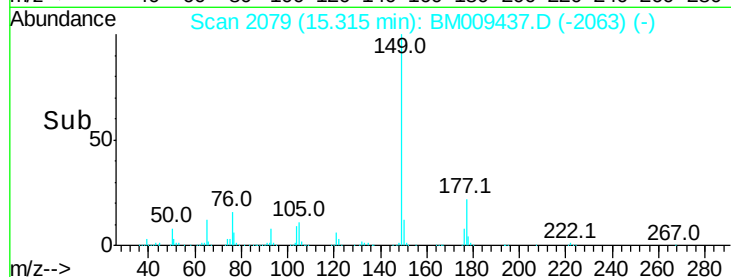
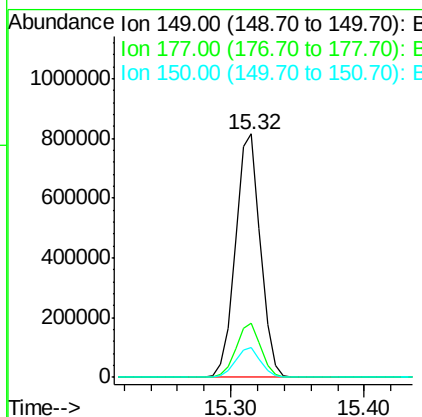
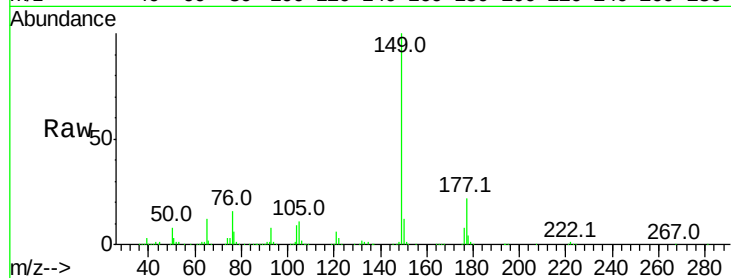




#59
Diethylphthalate
Concen: 50.84 ng
RT: 15.32 min Scan# 2079
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

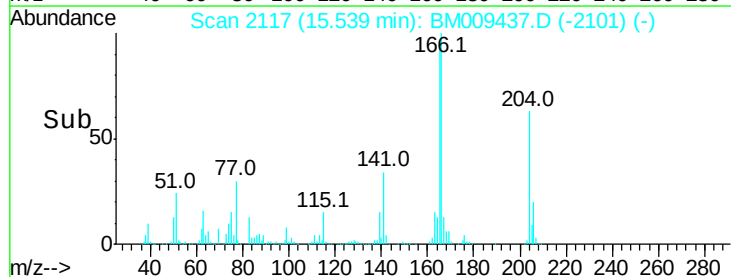
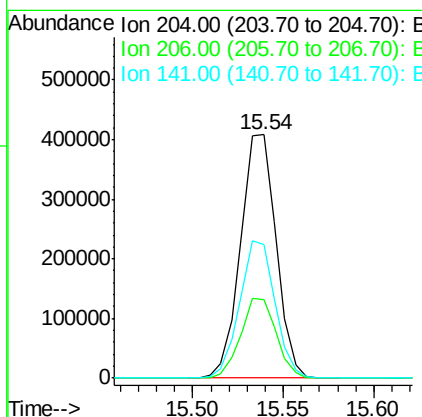
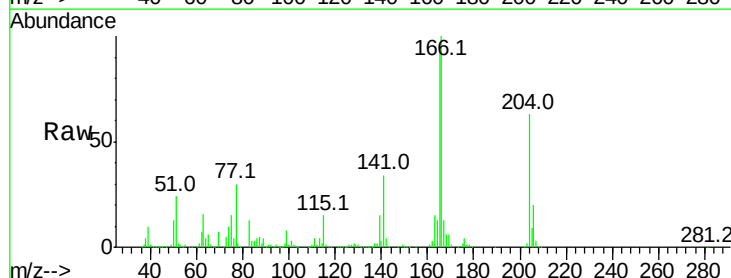
Instrument :
BNA_M
ClientSampleId :
HSP-01MS

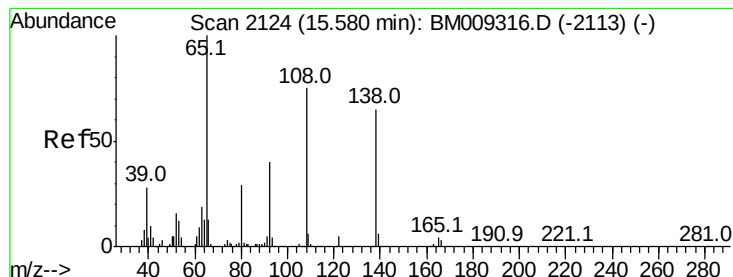
Tot Ion:149 Resp: 1055227
Ion Ratio Lower Upper
149 100
177 22.1 18.3 27.5
150 12.4 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 47.45 ng
RT: 15.54 min Scan# 2117
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

Tgt Ion:204 Resp: 557561
Ion Ratio Lower Upper
204 100
206 32.3 26.6 39.8
141 54.7 45.2 67.8





#61

4-Nitroaniline

Concen: 39.55 ng

RT: 15.57 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

Instrument :

BNA_M

ClientSampleId :

HSP-01MS

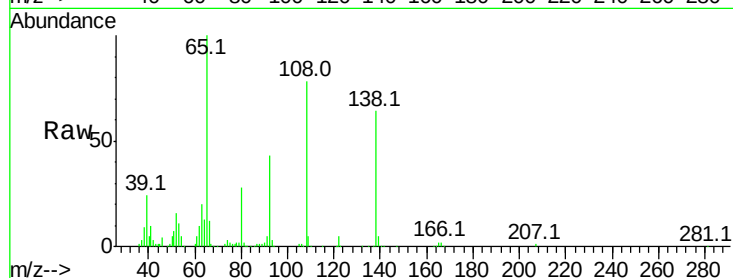
Tot Ion:138 Resp: 186634

Ion Ratio Lower Upper

138 100

92 66.2 16.7 56.7#

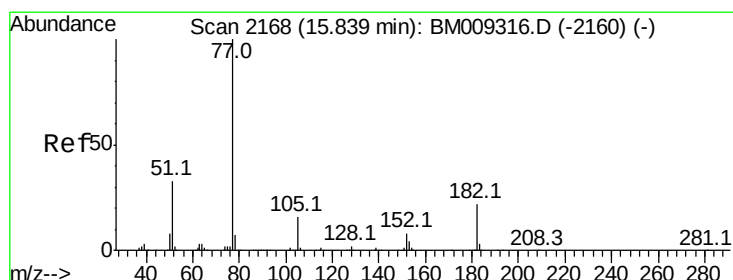
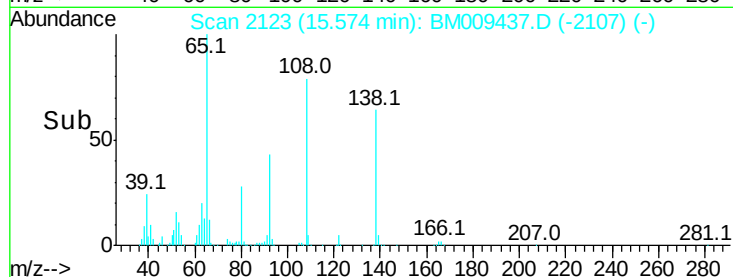
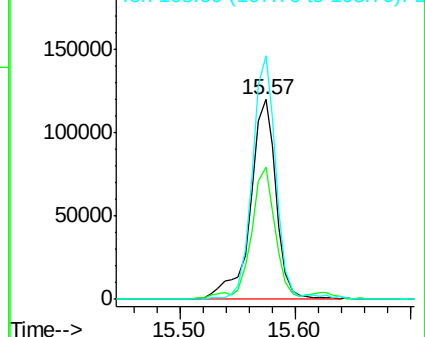
108 121.8 37.6 77.6#



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: 55.58 ng

RT: 15.83 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

Tgt Ion: 77 Resp: 1346821

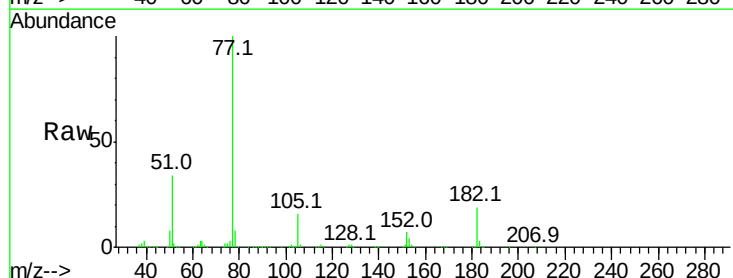
Ion Ratio Lower Upper

77 100

182 19.4 6.5 46.5

105 16.4 3.8 43.8

51 34.1 5.5 45.5

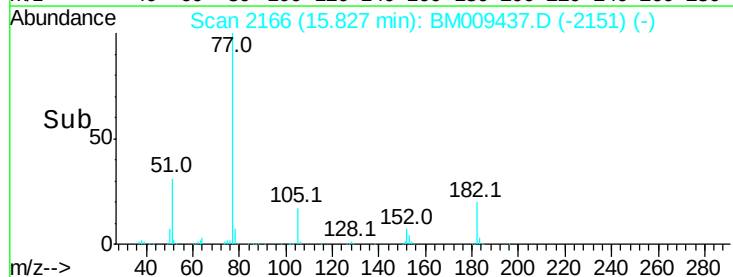
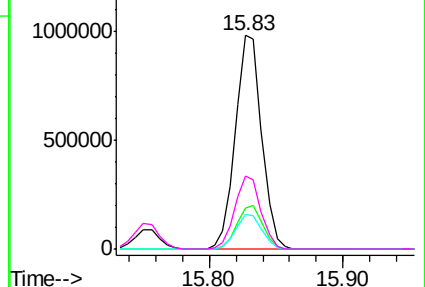


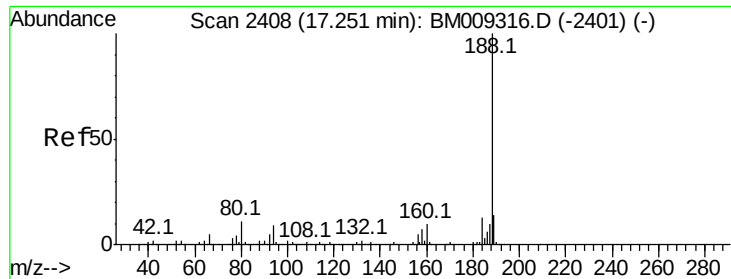
Abundance Ion 77.00 (76.70 to 77.70): BM

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

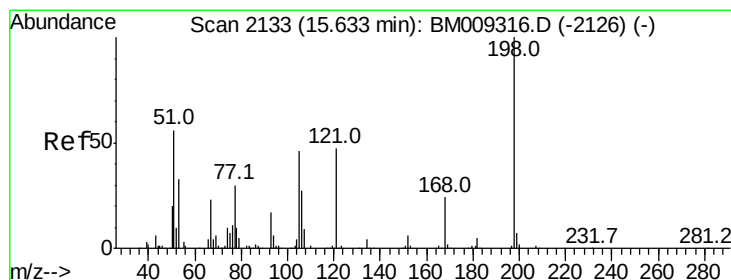
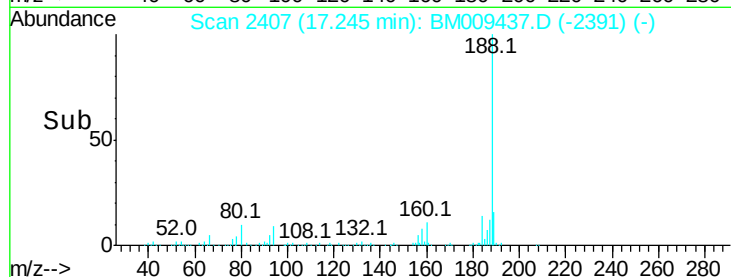
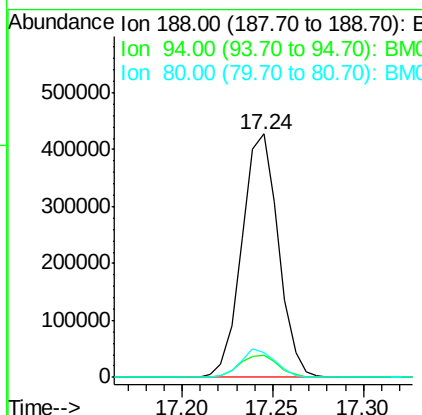
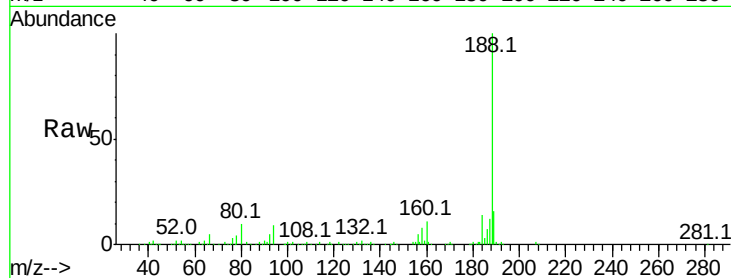




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.24 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

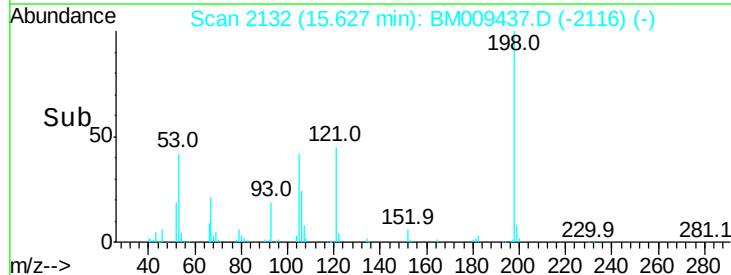
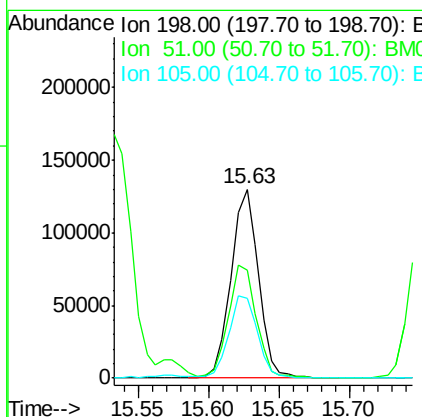
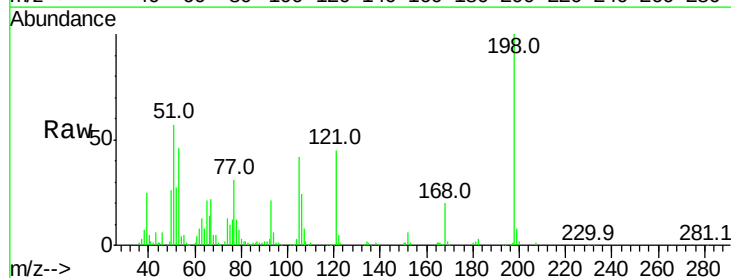
Instrument :
BNA_M
ClientSampleId :
HSP-01MS

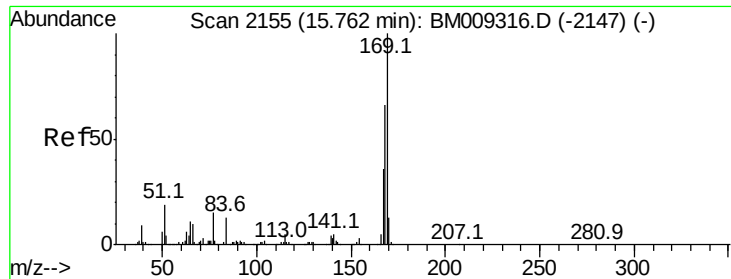
Tot Ion:188 Resp: 597212
Ion Ratio Lower Upper
188 100
94 9.3 8.7 13.1
80 10.0 9.3 13.9



#64
4,6-Dinitro-2-methylphenol
Concen: 46.86 ng
RT: 15.63 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

Tgt Ion:198 Resp: 176296
Ion Ratio Lower Upper
198 100
51 56.9 28.8 68.8
105 42.4 30.5 70.5

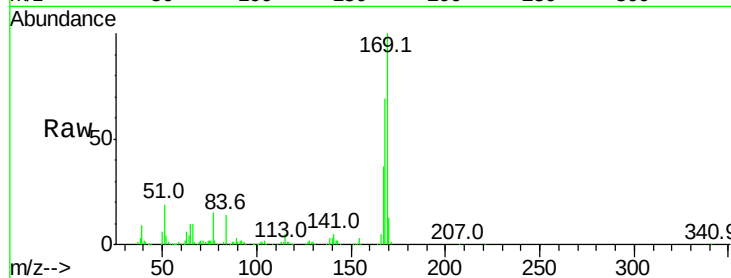




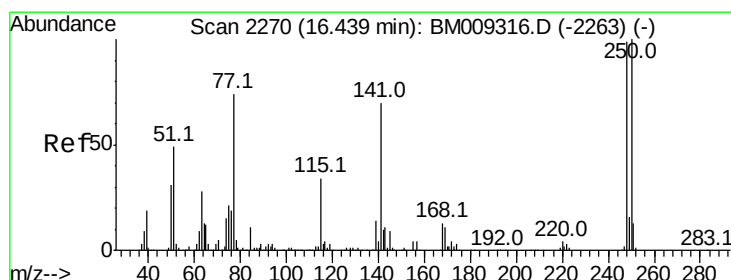
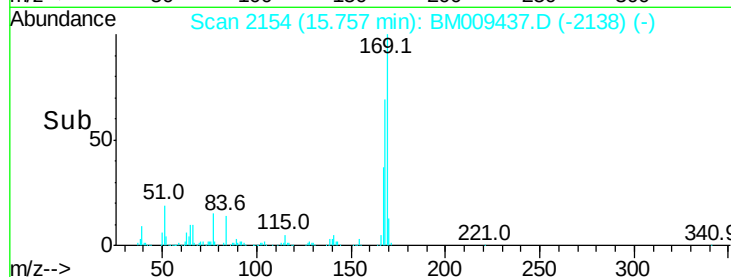
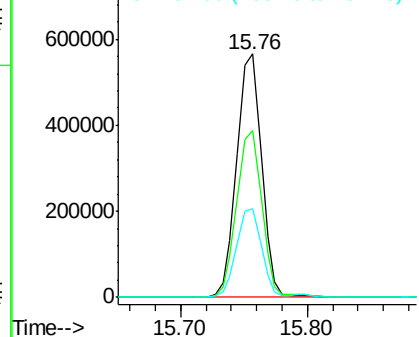
#65
n-Nitrosodiphenylamine
Concen: 42.32 ng
RT: 15.76 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

Instrument :
BNA_M
ClientSampleId :
HSP-01MS

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.7	53.9	80.9
167	36.5	28.9	43.3

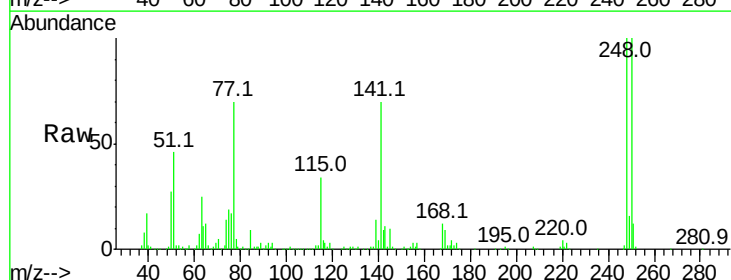


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

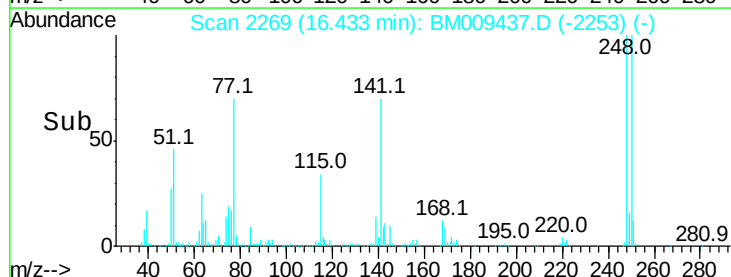
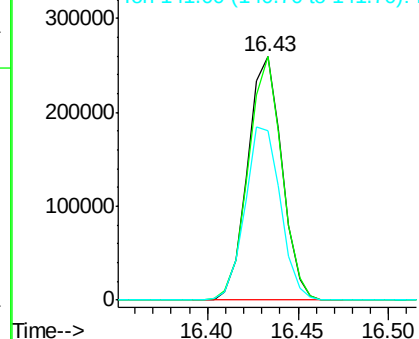


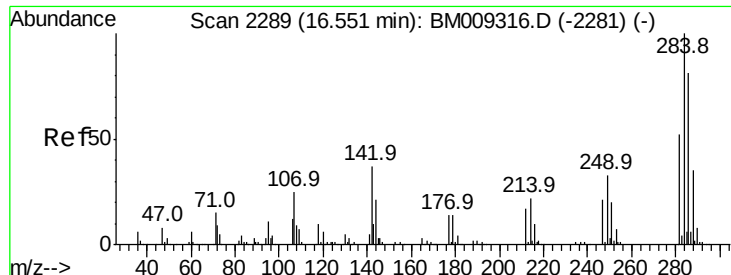
#66
4-Bromophenyl-phenylether
Concen: 49.30 ng
RT: 16.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.8	77.4	116.0
141	69.7	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: 48.94 ng

RT: 16.54 min Scan# 2288

Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

Instrument :

BNA_M

ClientSampleId :

HSP-01MS

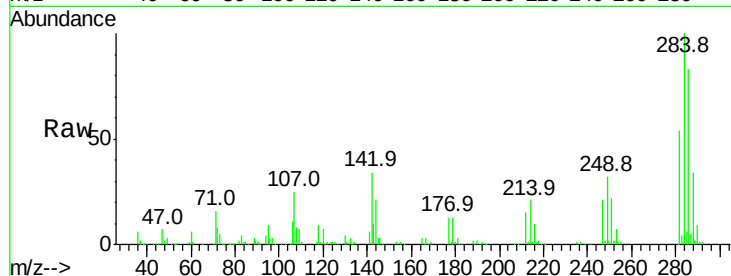
Tot Ion:284 Resp: 371168

Ion Ratio Lower Upper

284 100

142 34.0 20.4 30.6#

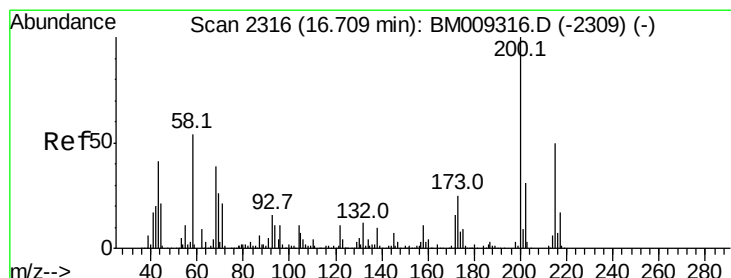
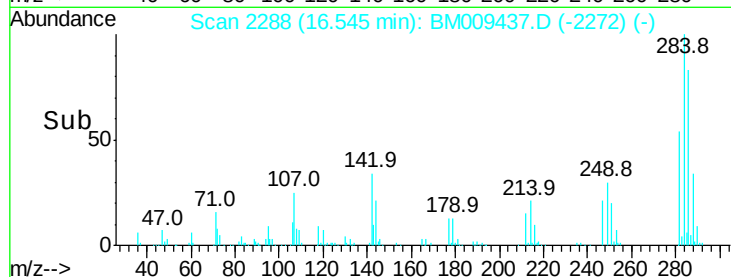
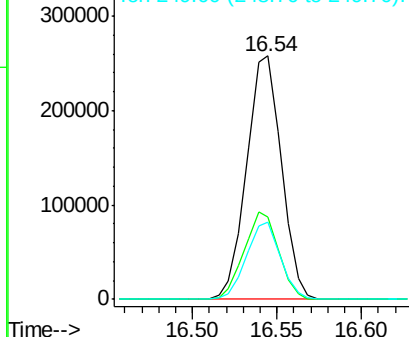
249 31.7 23.8 35.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 26.60 ng

RT: 16.70 min Scan# 2314

Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

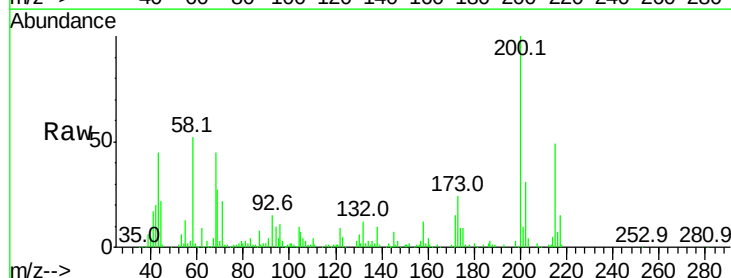
Tgt Ion:200 Resp: 181468

Ion Ratio Lower Upper

200 100

173 24.0 4.8 44.8

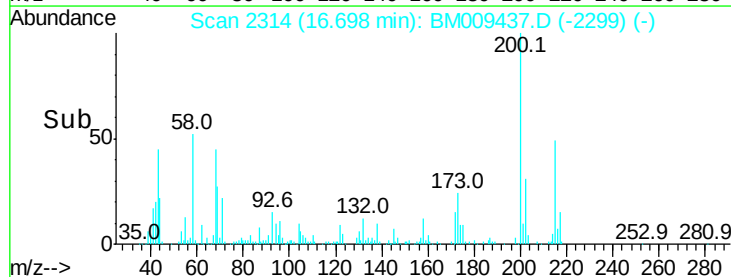
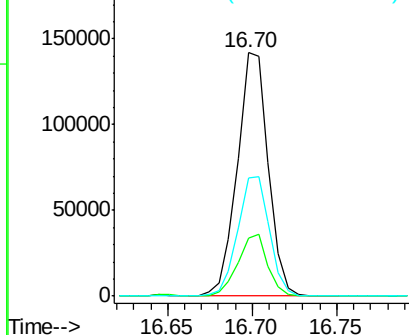
215 48.8 26.9 66.9

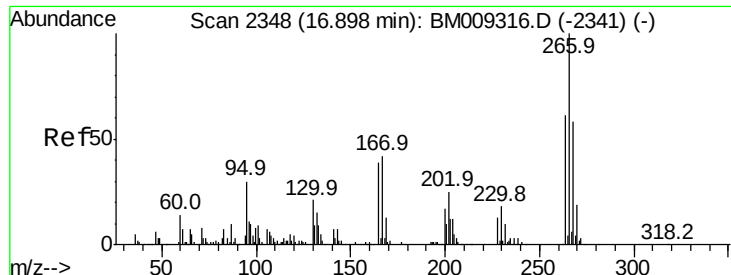


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

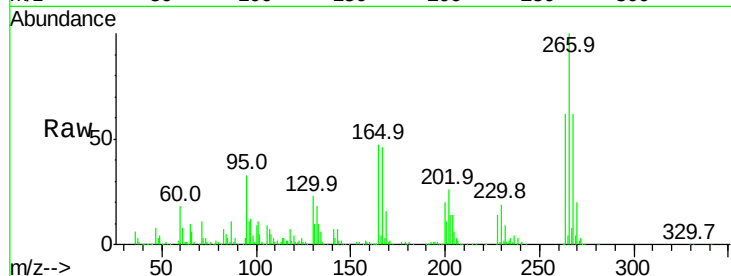




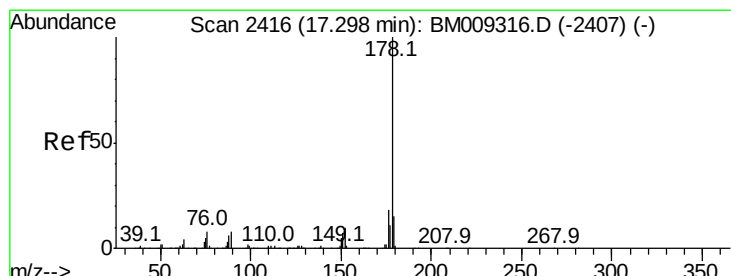
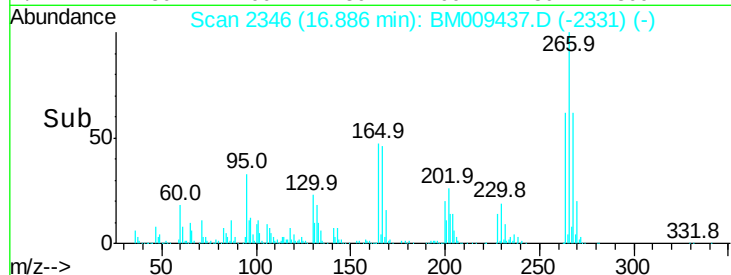
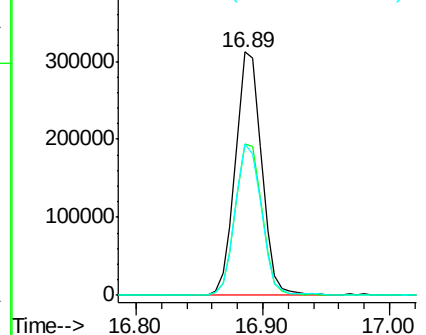
#69
 Pentachlorophenol
 Concen: 96.19 ng
 RT: 16.89 min Scan# 2346
 Delta R.T. -0.01 min
 Lab File: BM009437.D
 Acq: 29 Mar 2017 17:59

Instrument :
 BNA_M
 ClientSampleId :
 HSP-01MS

Tot Ion:266 Resp: 445634
 Ion Ratio Lower Upper
 266 100
 268 62.3 52.0 78.0
 264 62.3 49.0 73.4

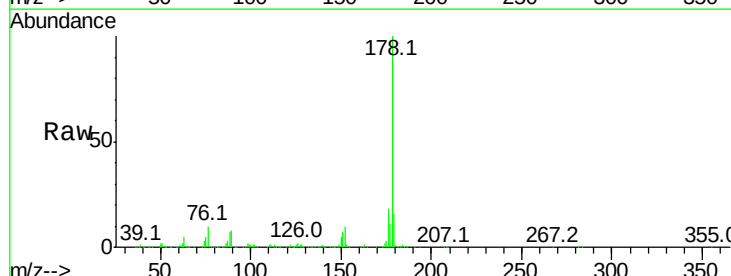


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

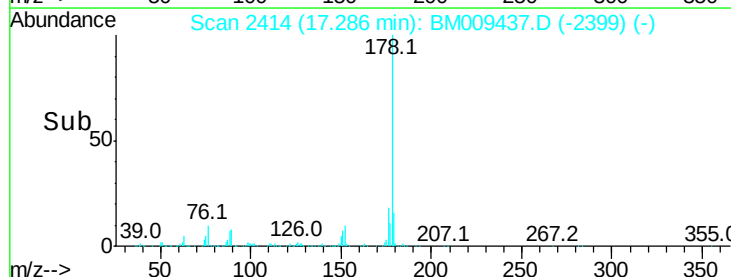
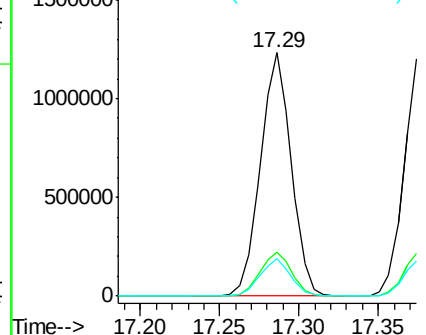


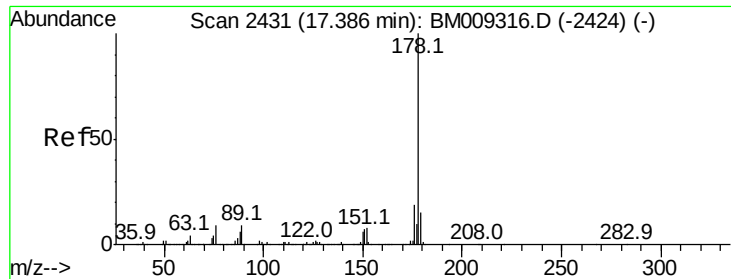
#70
 Phenanthrene
 Concen: 48.81 ng
 RT: 17.29 min Scan# 2414
 Delta R.T. -0.01 min
 Lab File: BM009437.D
 Acq: 29 Mar 2017 17:59

Tgt Ion:178 Resp: 1666949
 Ion Ratio Lower Upper
 178 100
 176 18.2 15.2 22.8
 179 15.6 12.1 18.1



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

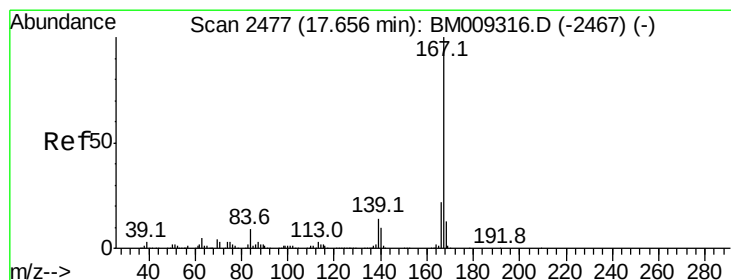
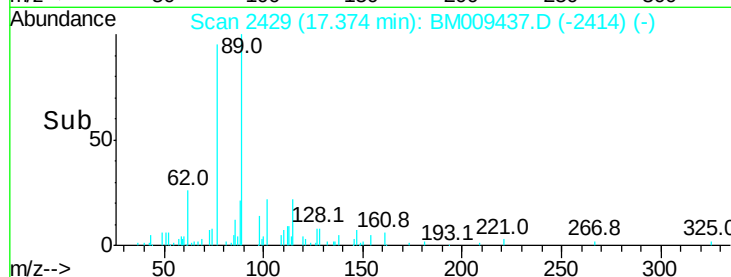
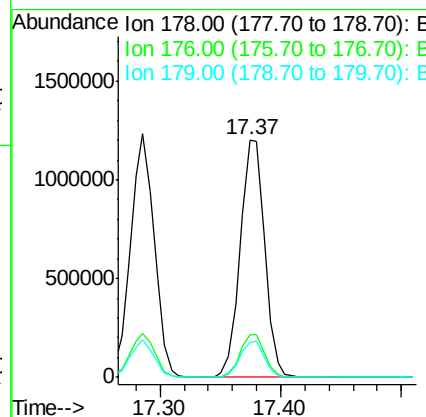
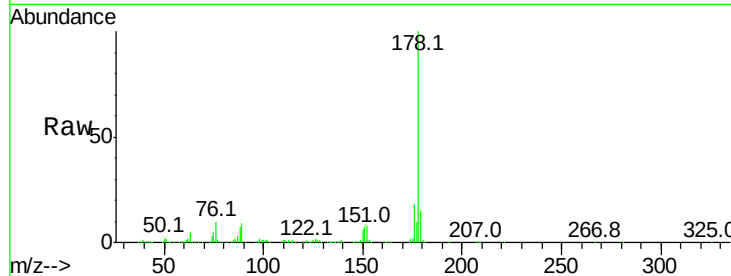




#71
 Anthracene
 Concen: 49.34 ng
 RT: 17.37 min Scan# 2429
 Delta R.T. -0.01 min
 Lab File: BM009437.D
 Acq: 29 Mar 2017 17:59

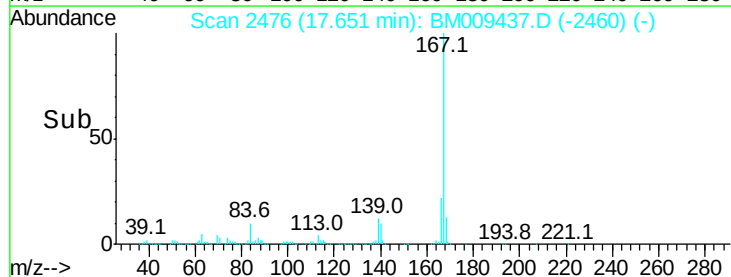
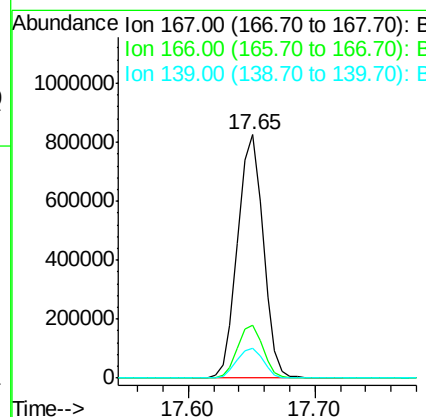
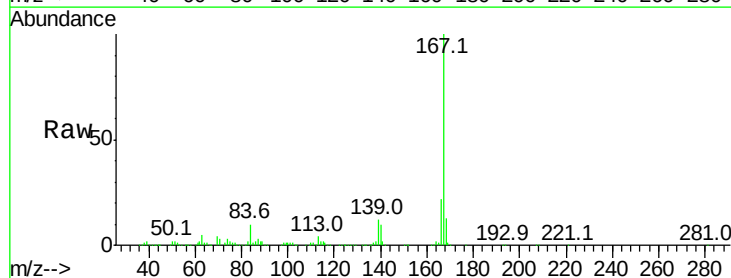
Instrument :
 BNA_M
 ClientSampleId :
 HSP-01MS

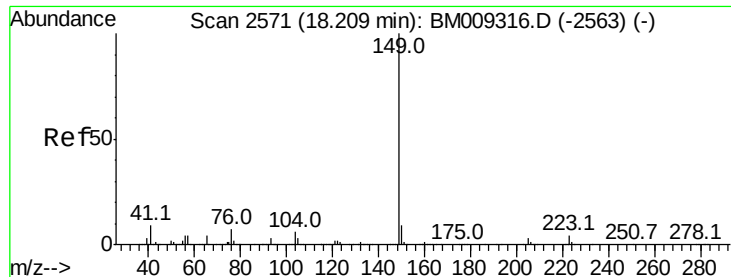
Tot Ion:178 Resp: 1706089
 Ion Ratio Lower Upper
 178 100
 176 17.9 14.6 22.0
 179 14.9 12.6 19.0



#72
 Carbazole
 Concen: 34.86 ng
 RT: 17.65 min Scan# 2476
 Delta R.T. -0.01 min
 Lab File: BM009437.D
 Acq: 29 Mar 2017 17:59

Tgt Ion:167 Resp: 1154401
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.2 25.8
 139 12.3 10.8 16.2





#73

Di-n-butylphthalate

Concen: 52.29 ng

RT: 18.20 min Scan# 2569

Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

Instrument :

BNA_M

ClientSampleId :

HSP-01MS

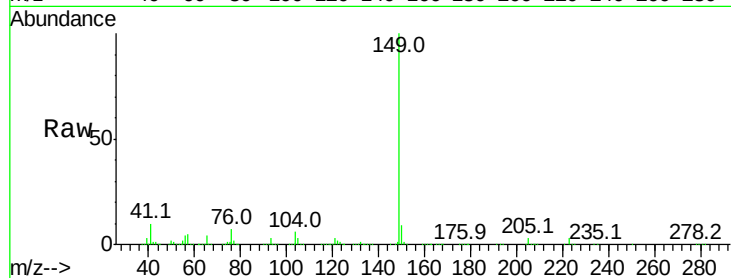
Tot Ion:149 Resp: 1768533

Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

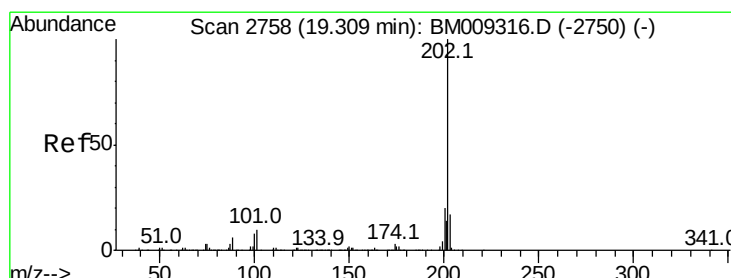
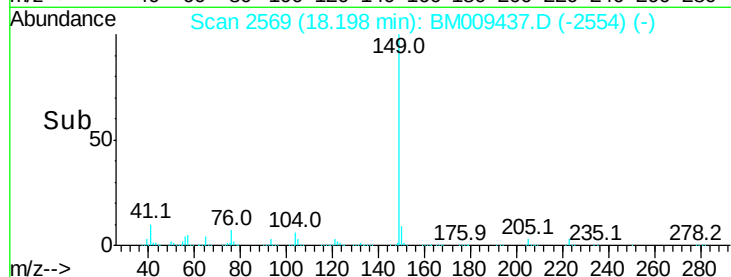
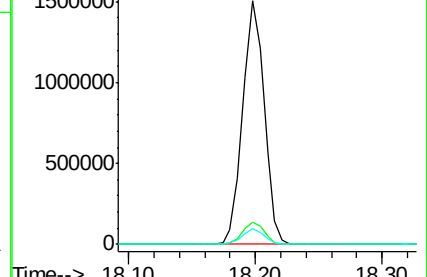
104 6.4 3.7 5.5#



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: 48.54 ng

RT: 19.30 min Scan# 2756

Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

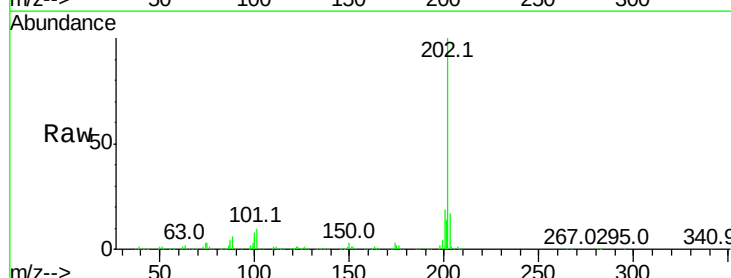
Tgt Ion:202 Resp: 1963320

Ion Ratio Lower Upper

202 100

101 10.3 0.0 28.7

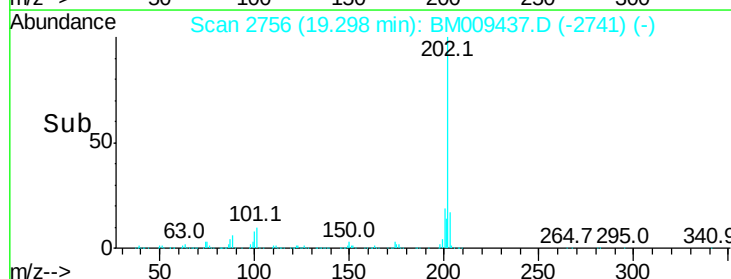
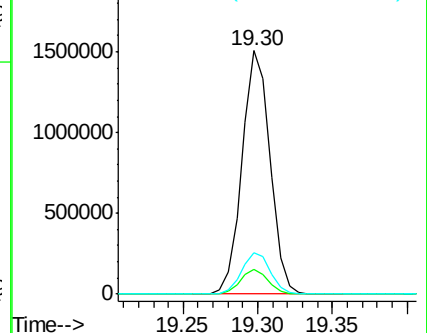
203 17.1 0.0 37.2

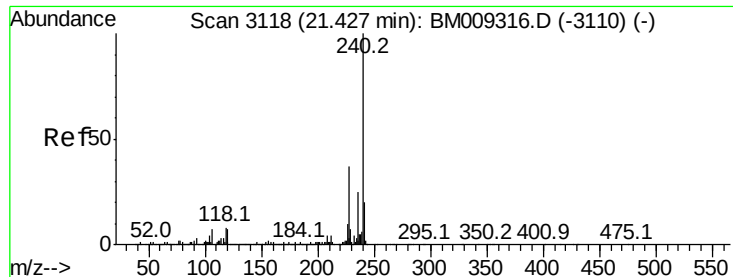


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.42 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

Instrument :

BNA_M

ClientSampleId :

HSP-01MS

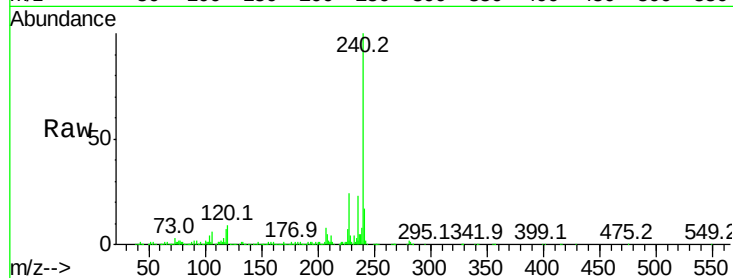
Tot Ion:240 Resp: 744543

Ion Ratio Lower Upper

240 100

120 8.6 8.2 12.2

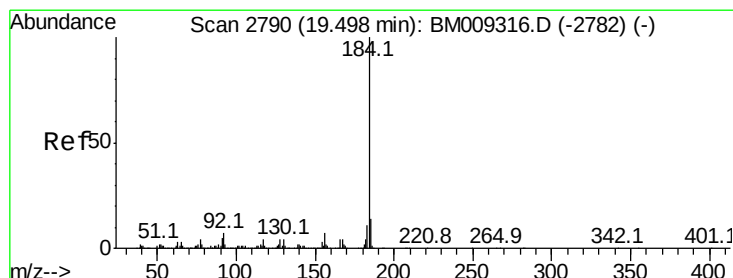
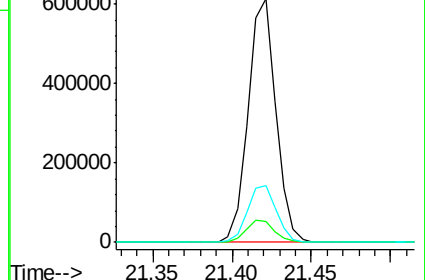
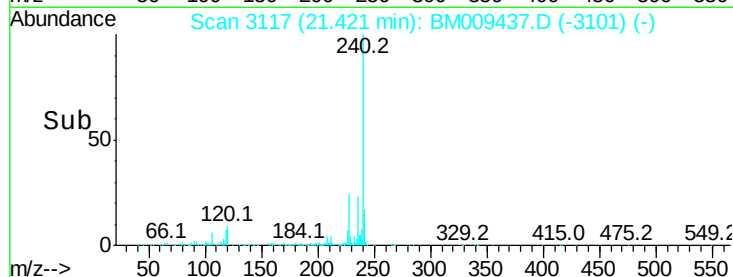
236 23.4 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 2.93 ng

RT: 19.49 min Scan# 2789

Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

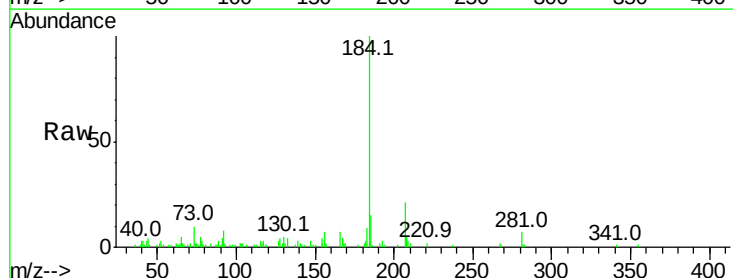
Tgt Ion:184 Resp: 65009

Ion Ratio Lower Upper

184 100

185 15.5 11.3 16.9

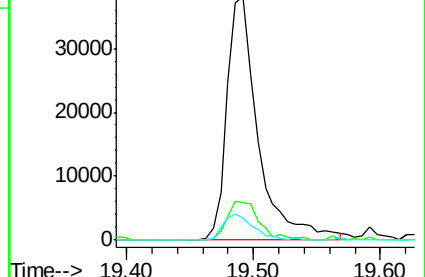
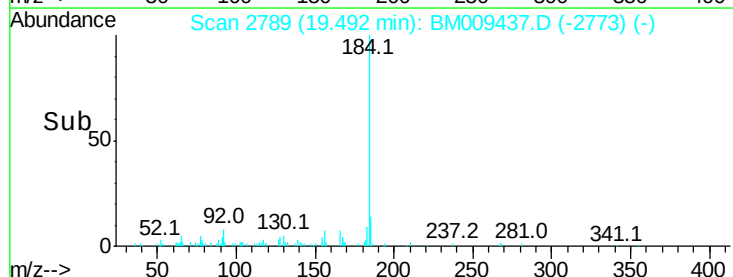
183 9.4 8.9 13.3

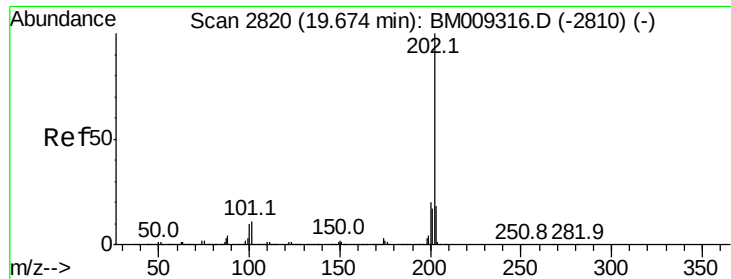


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

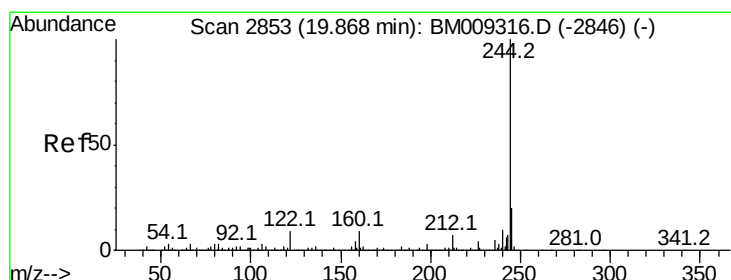
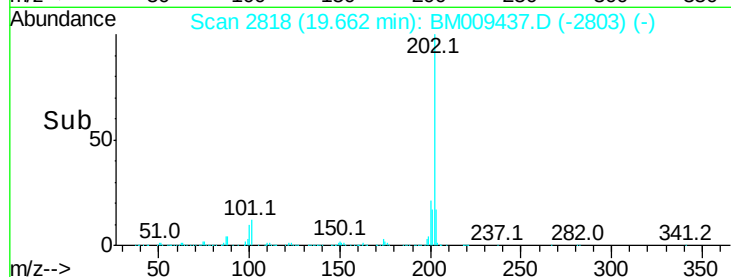
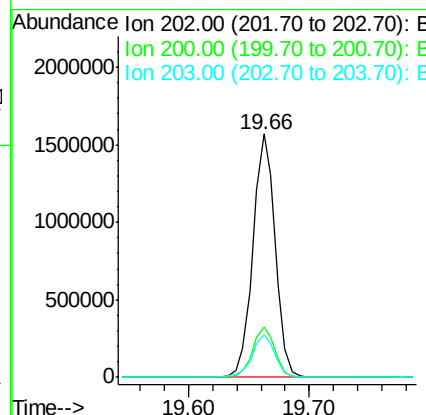
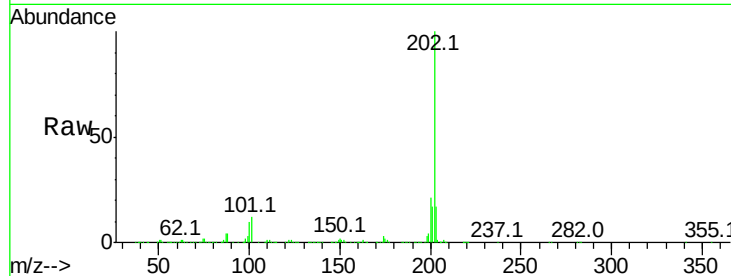




#77
Pvrene
Concen: 47.80 ng
RT: 19.66 min Scan# 2818
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

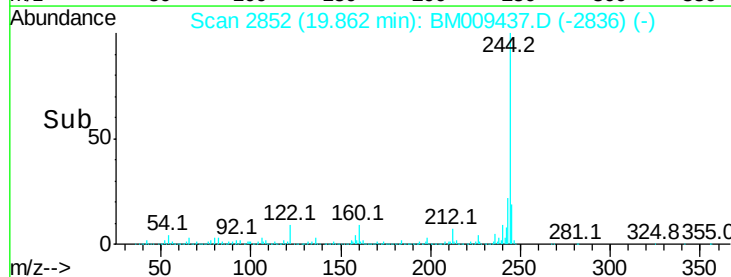
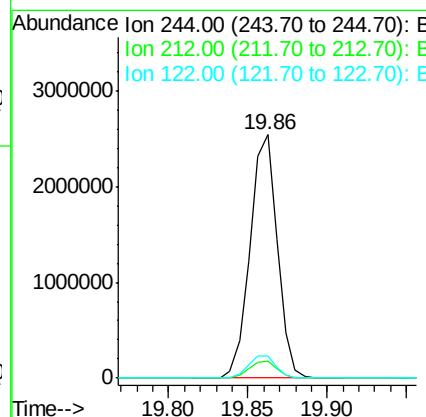
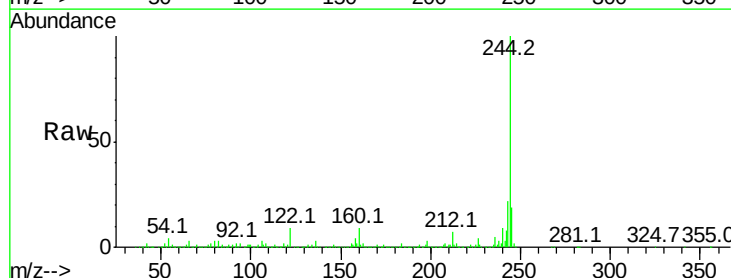
Instrument :
BNA_M
ClientSampleId :
HSP-01MS

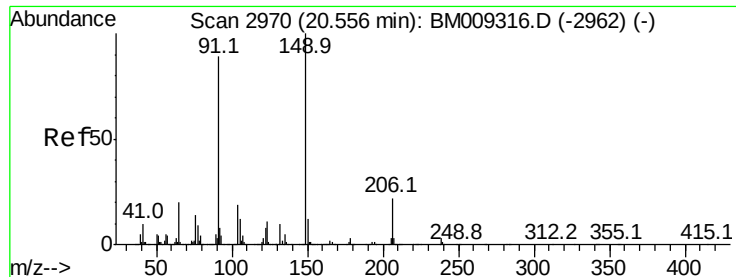
Tot Ion:202 Resp: 2018462
Ion Ratio Lower Upper
202 100
200 20.6 16.9 25.3
203 17.4 14.1 21.1



#78
Terphenyl-d14
Concen: 84.94 ng
RT: 19.86 min Scan# 2852
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

Tgt Ion:244 Resp: 3026408
Ion Ratio Lower Upper
244 100
212 7.1 4.9 7.3
122 8.9 6.2 9.4





#79

Butylbenzylphthalate

Concen: 51.98 ng

RT: 20.55 min Scan# 2969

Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

Instrument :

BNA_M

ClientSampleId :

HSP-01MS

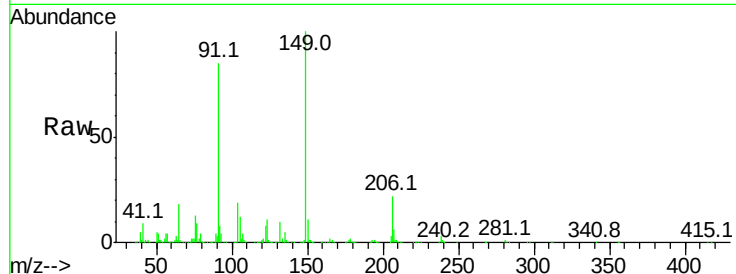
Tot Ion:149 Resp: 790396

Ion Ratio Lower Upper

149 100

91 85.5 50.1 75.1#

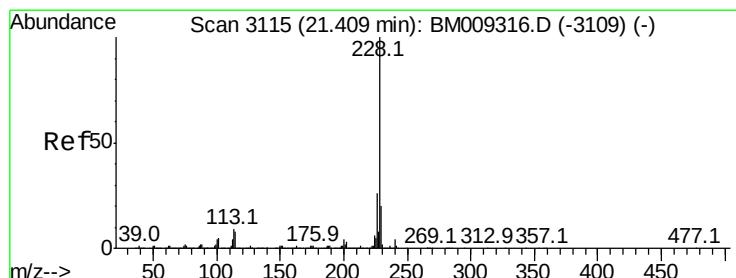
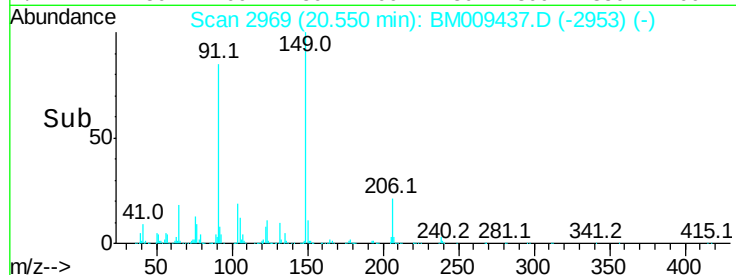
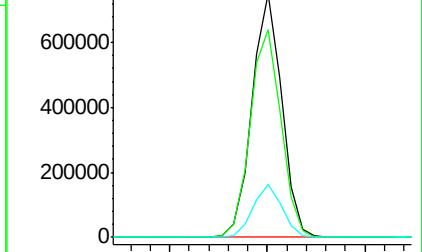
206 21.5 16.2 24.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM009316.D (-2962) (-)

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 48.92 ng

RT: 21.40 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

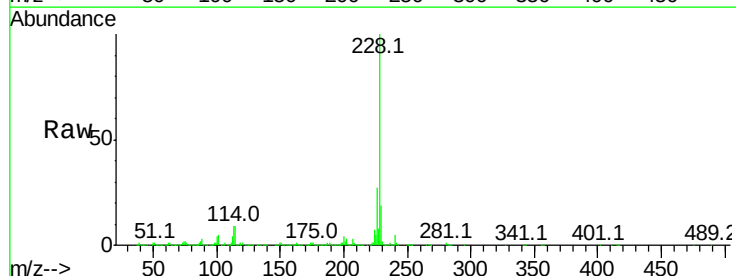
Tgt Ion:228 Resp: 2127350

Ion Ratio Lower Upper

228 100

226 26.8 21.7 32.5

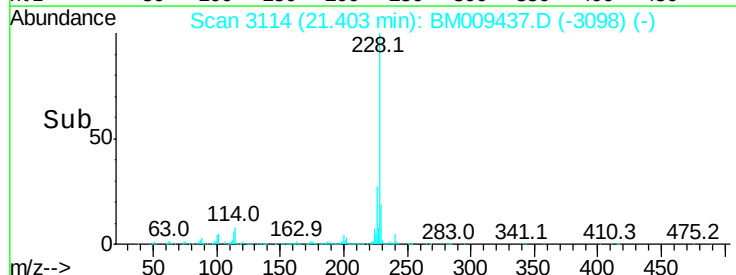
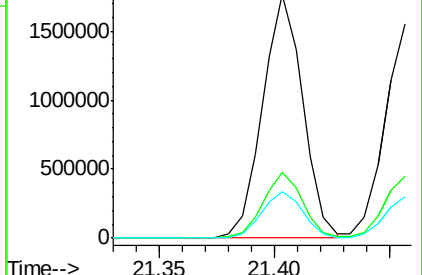
229 19.3 16.0 24.0

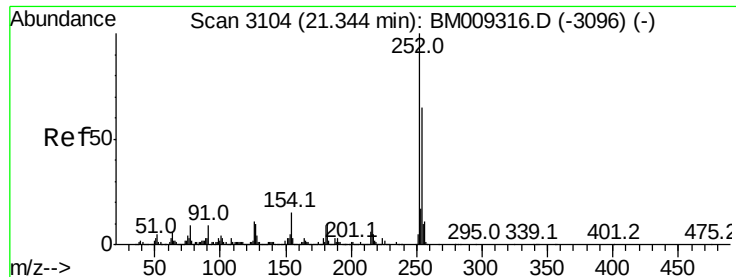


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

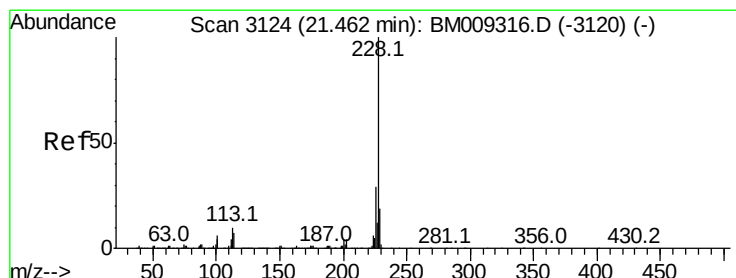
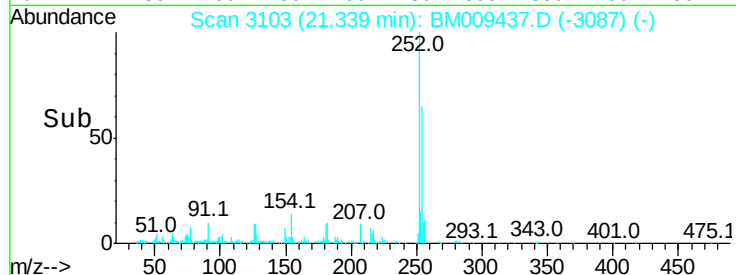
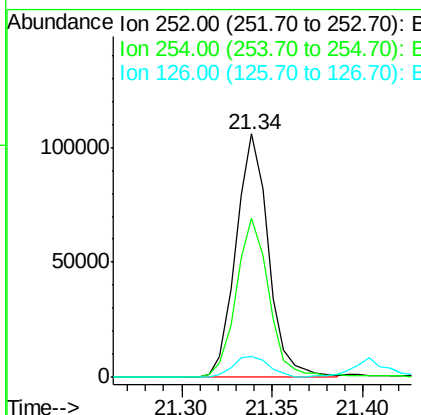
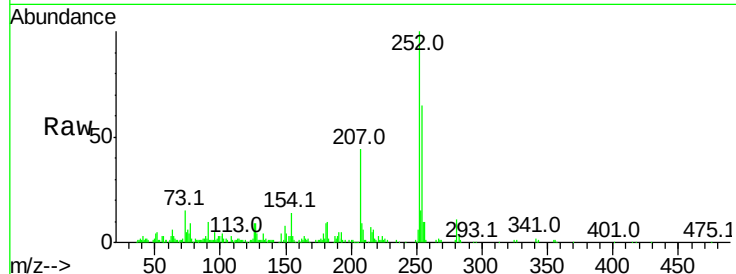




#81
 3,3'-Dichlorobenzidine
 Concen: 8.10 ng
 RT: 21.34 min Scan# 3103
 Delta R.T. -0.01 min
 Lab File: BM009437.D
 Acq: 29 Mar 2017 17:59

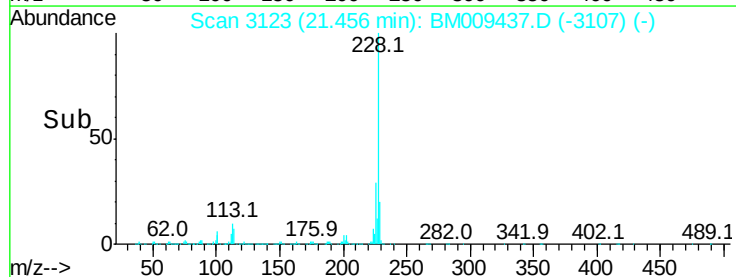
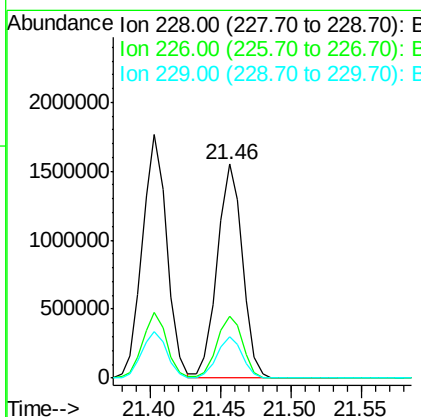
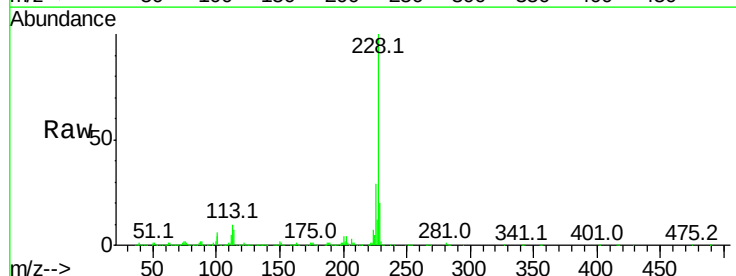
Instrument :
 BNA_M
 ClientSampled :
 HSP-01MS

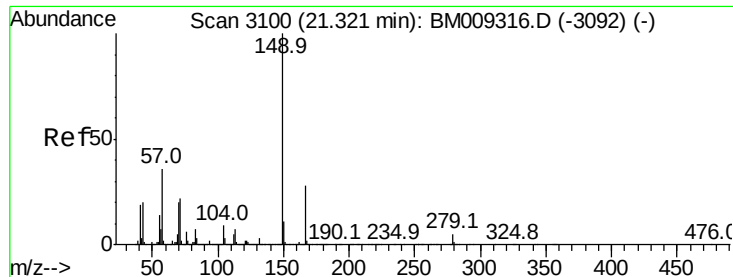
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.9	77.9
126	8.7	9.8	14.8#



#82
 Chrysene
 Concen: 46.37 ng
 RT: 21.46 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BM009437.D
 Acq: 29 Mar 2017 17:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.1	36.1
229	19.6	15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.40 ng

RT: 21.32 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

Instrument :

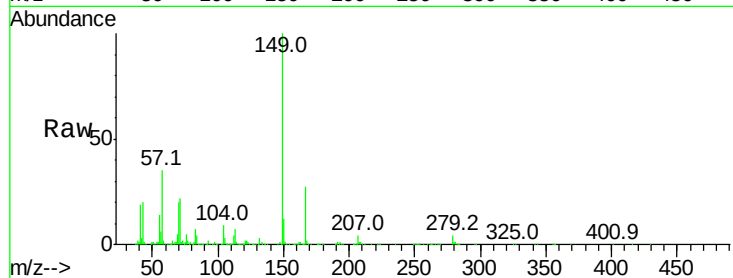
BNA_M

ClientSampleId :

HSP-01MS

Tot Ion:149 Resp: 1166404

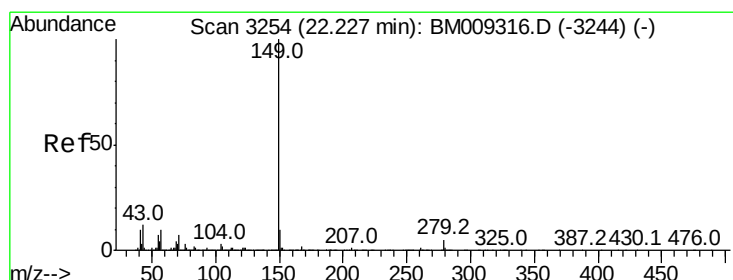
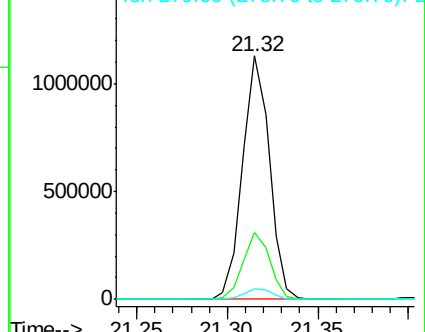
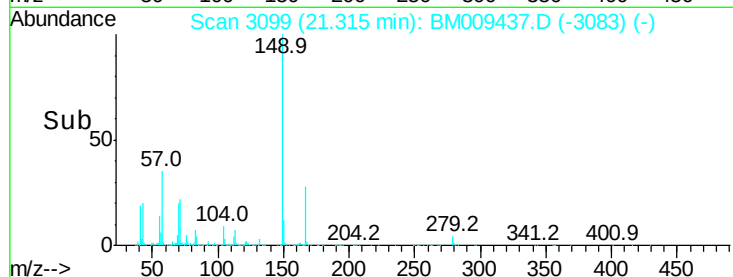
Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.4	33.6
279	4.2	3.4	5.0



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: 52.80 ng

RT: 22.22 min Scan# 3252

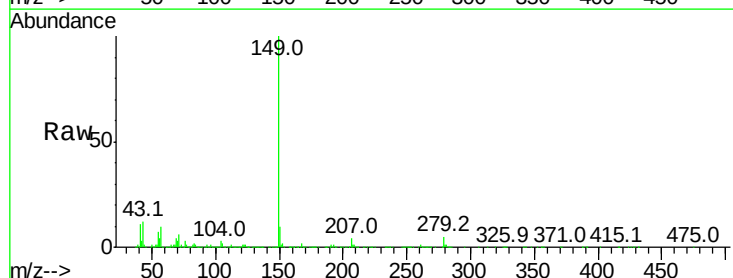
Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

Tgt Ion:149 Resp: 1993962

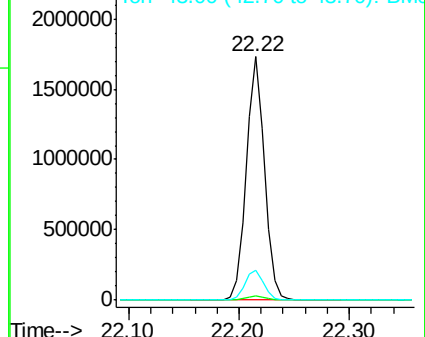
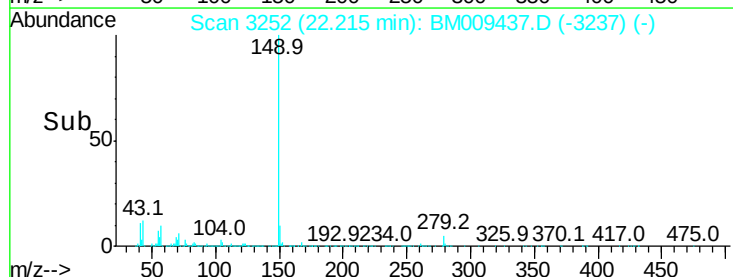
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	12.9	7.3	10.9#

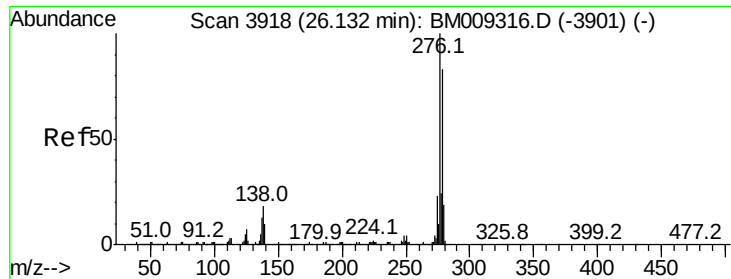


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0





#85

Indeno(1,2,3-cd)pyrene

Concen: 52.17 ng

RT: 26.11 min Scan# 3915

Delta R.T. -0.02 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

Instrument :

BNA_M

ClientSampleId :

HSP-01MS

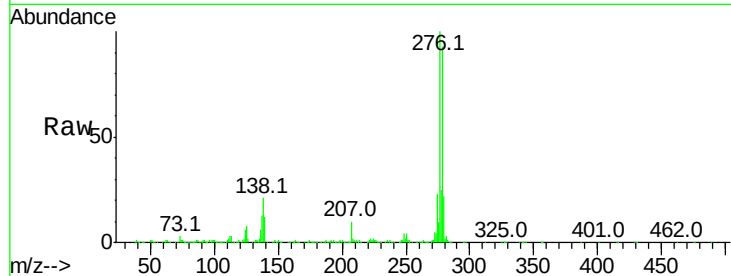
Tot Ion:276 Resp: 2362302

Ion Ratio Lower Upper

276 100

138 20.0 0.0 0.0#

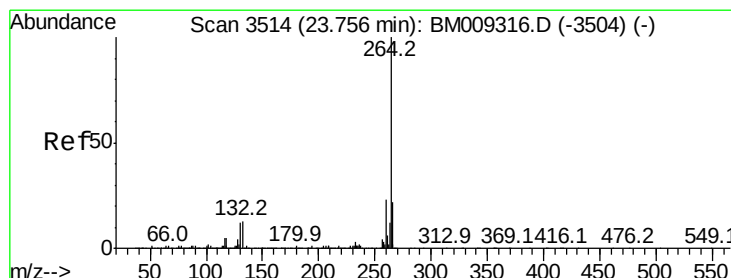
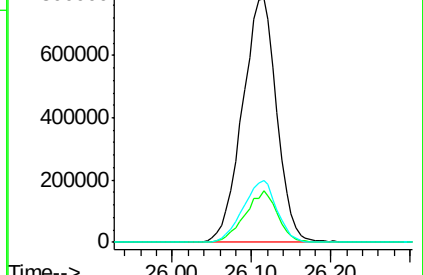
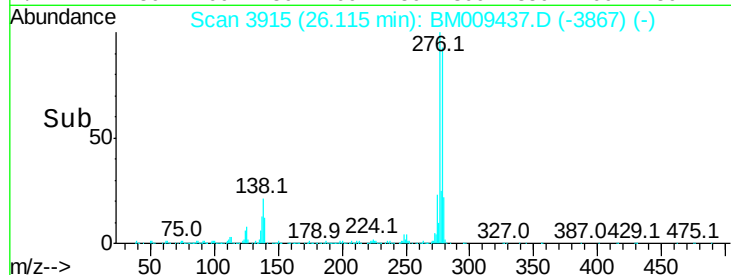
277 25.0 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.74 min Scan# 3511

Delta R.T. -0.02 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

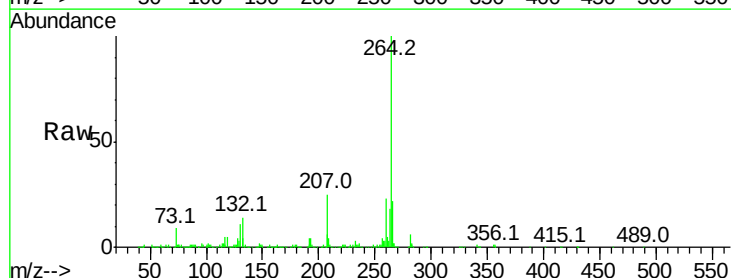
Tgt Ion:264 Resp: 609246

Ion Ratio Lower Upper

264 100

260 22.9 18.6 27.8

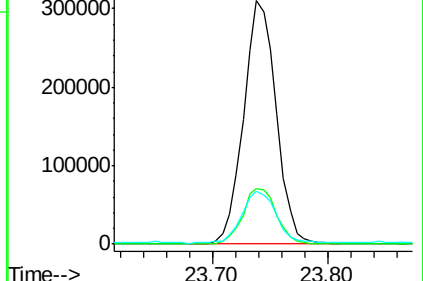
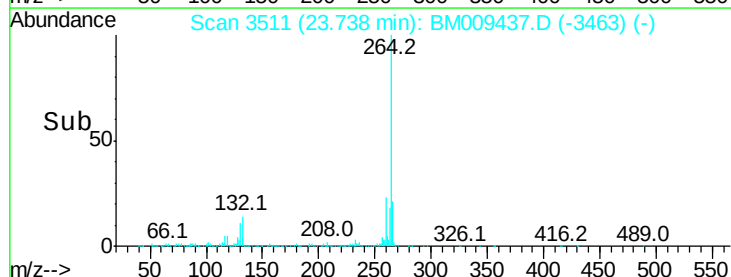
265 21.8 17.3 25.9

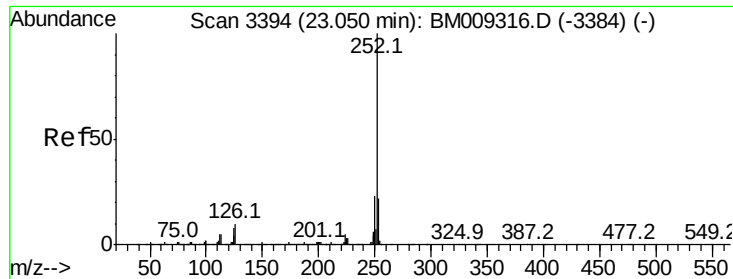


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 56.08 ng

RT: 23.04 min Scan# 3392

Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

Instrument :

BNA_M

ClientSampleId :

HSP-01MS

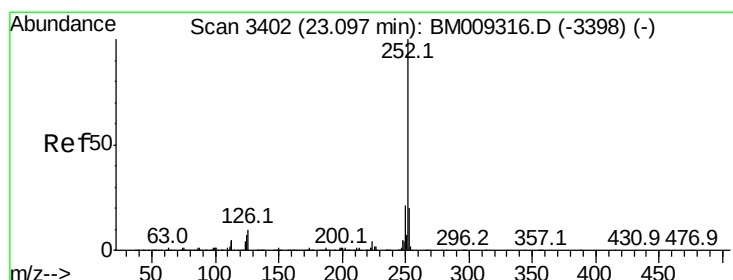
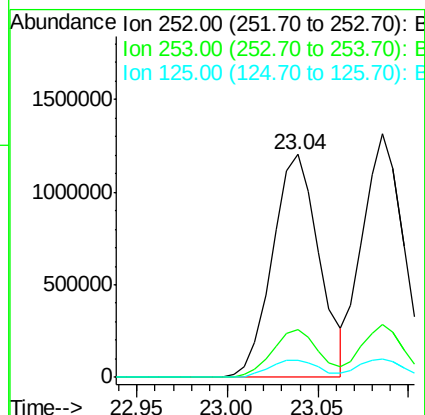
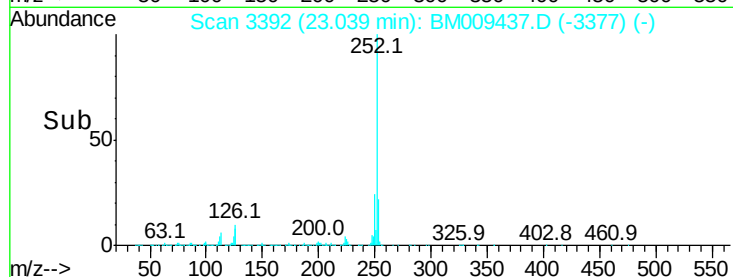
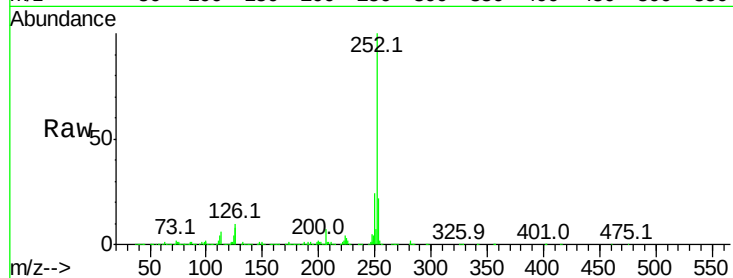
Tot Ion:252 Resp: 2165681

Ion Ratio Lower Upper

252 100

253 21.5 18.0 27.0

125 7.9 9.9 14.9#



#88

Benzo(k)fluoranthene

Concen: 55.51 ng

RT: 23.09 min Scan# 3400

Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

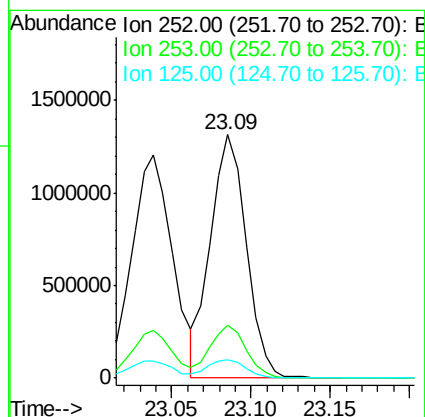
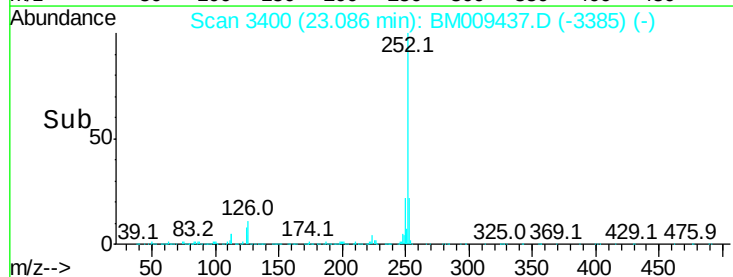
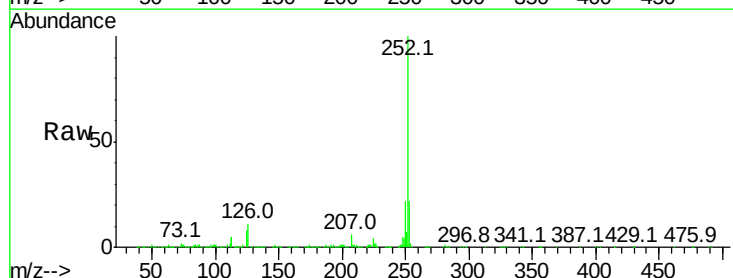
Tgt Ion:252 Resp: 2061787

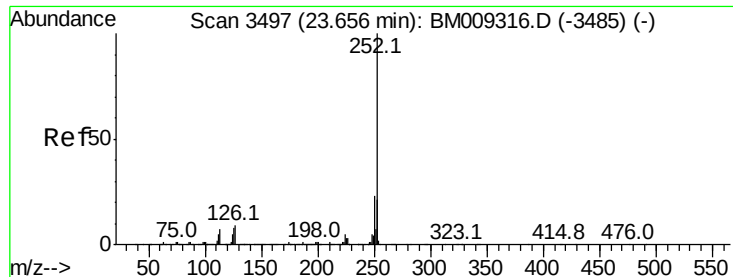
Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 7.7 8.1 12.1#





#89

Benzo(a)pyrene

Concen: 55.14 ng

RT: 23.64 min Scan# 3494

Delta R.T. -0.02 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

Instrument :

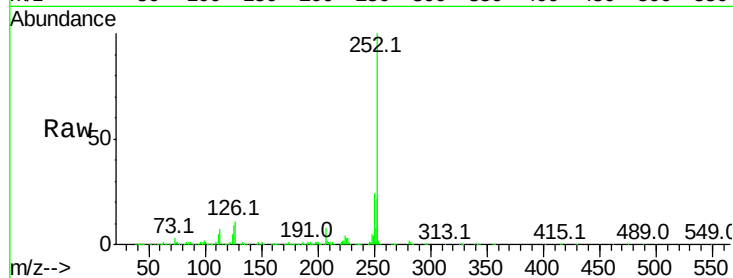
BNA_M

ClientSampleId :

HSP-01MS

Tot Ion:252 Resp: 1971786

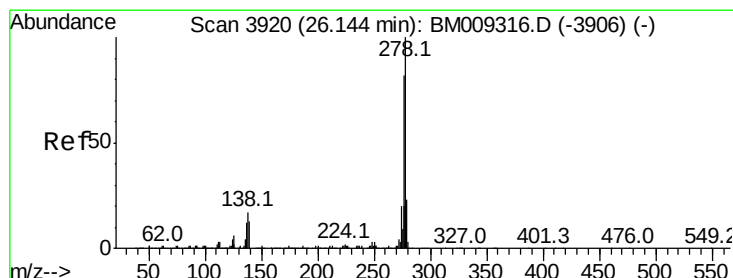
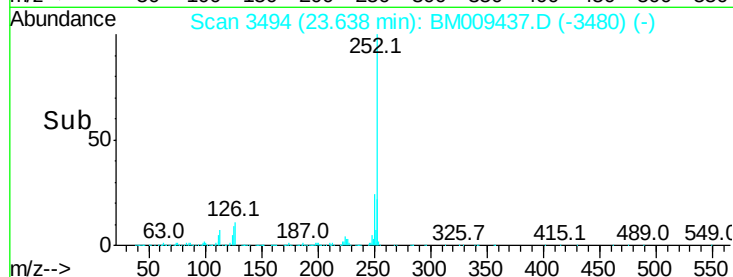
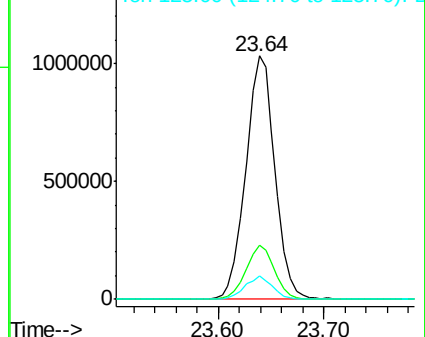
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	9.5	7.4	11.2



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: 59.13 ng

RT: 26.12 min Scan# 3916

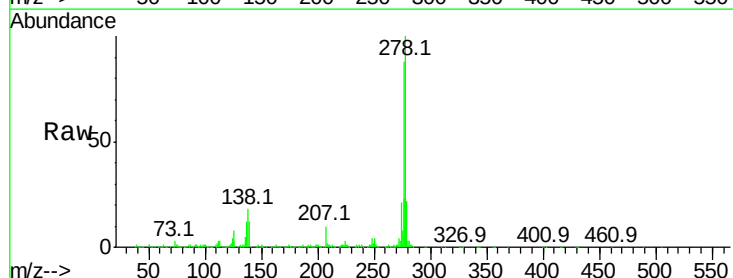
Delta R.T. -0.02 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

Tgt Ion:278 Resp: 2071701

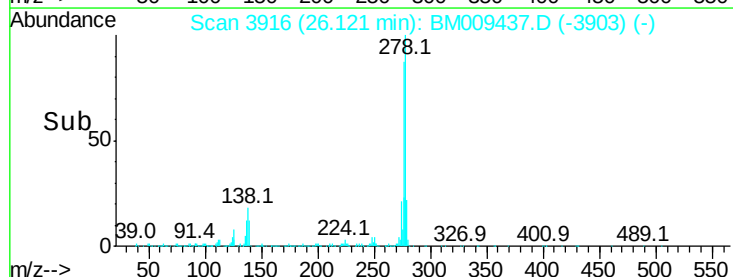
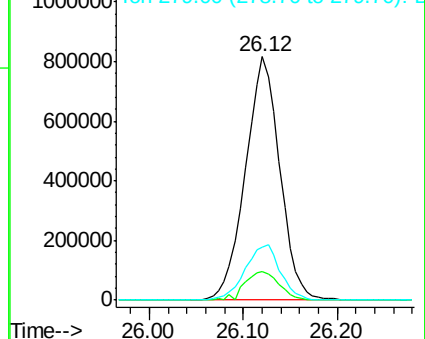
Ion	Ratio	Lower	Upper
278	100		
139	12.0	13.4	20.0#
279	21.8	19.0	28.4

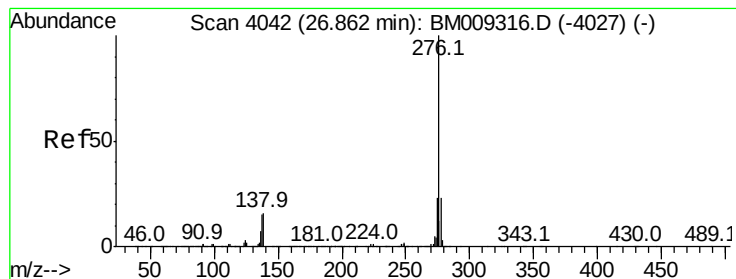


Abundance Ion 278.00 (277.70 to 278.70): E

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: 56.79 ng

RT: 26.84 min Scan# 4039

Delta R.T. -0.02 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

Instrument :

BNA_M

ClientSampleId :

HSP-01MS

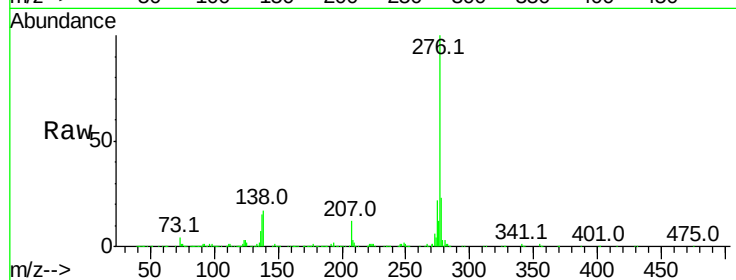
Tot Ion:276 Resp: 1939483

Ion Ratio Lower Upper

276 100

277 22.7 18.5 27.7

138 17.0 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

