

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040317\
 Data File : BM009501.D
 Acq On : 03 Apr 2017 15:41
 Operator : SJ/MA
 Sample : PB97981BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB97981BS

Quant Time: Apr 04 01:20:23 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 12:10:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	110950	20.00	ng	-0.02
21) Naphthalene-d8	10.65	136	458923	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	271051	20.00	ng	-0.02
63) Phenanthrene-d10	17.24	188	645955	20.00	ng	-0.01
75) Chrysene-d12	21.42	240	857829	20.00	ng	-0.01
86) Perylene-d12	23.74	264	809230	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	930835	139.84	ng	-0.01
7) Phenol-d6	7.01	99	1297240	142.92	ng	-0.01
23) Nitrobenzene-d5	9.01	82	950145	77.63	ng	-0.02
41) 2,4,6-Tribromophenol	15.99	330	485116	144.07	ng	-0.01
44) 2-Fluorobiphenyl	13.10	172	1807122	80.34	ng	-0.02
78) Terphenyl-d14	19.86	244	2922467	71.19	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	102484	30.62	ng	# 100
3) Pyridine	3.75	79	329010	34.78	ng	# 85
4) n-Nitrosodimethylamine	3.67	42	210223	41.75	ng	# 62
6) Aniline	7.18	93	301780	24.46	ng	93
8) 2-Chlorophenol	7.41	128	307483	45.56	ng	83
9) Benzaldehyde	6.99	77	228130	31.93	ng	# 79
10) Phenol	7.03	94	449380	45.69	ng	89
11) bis(2-Chloroethyl)ether	7.27	93	325160	40.33	ng	85
12) 1,3-Dichlorobenzene	7.73	146	322197	39.87	ng	# 87
13) 1,4-Dichlorobenzene	7.88	146	331913	39.75	ng	# 93
14) 1,2-Dichlorobenzene	8.20	146	317063	39.11	ng	# 92
15) Benzyl Alcohol	8.09	79	364468	45.93	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	8.37	45	555277	39.63	ng	96
17) 2-Methylphenol	8.28	107	288427	44.82	ng	# 85
18) Hexachloroethane	8.92	117	139016	40.70	ng	91
19) n-Nitroso-di-n-propylamine	8.65	70	317883	43.44	ng	# 91
20) 3+4-Methylphenols	8.61	107	377783	43.18	ng	89
22) Acetophenone	8.67	105	500970	38.71	ng	# 89
24) Nitrobenzene	9.06	77	468358	39.06	ng	94
25) Isophorone	9.57	82	769398	41.21	ng	# 88
26) 2-Nitrophenol	9.76	139	150797	41.70	ng	# 43
27) 2,4-Dimethylphenol	9.81	122	289841	43.81	ng	# 80
28) bis(2-Chloroethoxy)methane	10.05	93	455343	39.39	ng	98
29) 2,4-Dichlorophenol	10.29	162	304210	43.98	ng	93
30) 1,2,4-Trichlorobenzene	10.50	180	333252	38.83	ng	99
31) Naphthalene	10.69	128	930149	38.19	ng	99
32) Benzoic acid	9.93	122	133562	29.86	ng	# 74
33) 4-Chloroaniline	10.81	127	129676	13.80	ng	# 80
34) Hexachlorobutadiene	10.96	225	220255	37.48	ng	95
35) Caprolactam	11.59	113	85782	40.62	ng	# 49
36) 4-Chloro-3-methylphenol	11.92	107	343335	43.87	ng	# 79
37) 2-Methylnaphthalene	12.30	142	694251	41.29	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	395316	38.63	ng	# 100
40) Hexachlorocyclopentadiene	12.65	237	480880	81.87	ng	99

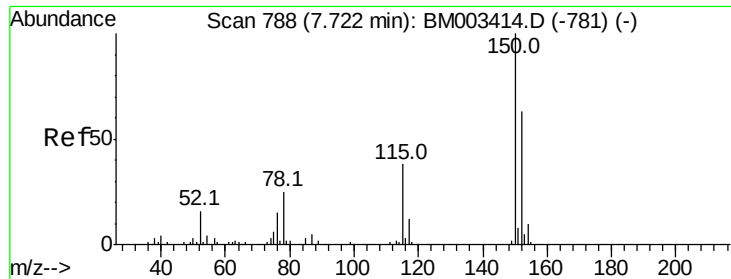
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040317\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.92	196	258554	44.19	nq	99
43) 2,4,5-Trichlorophenol	12.99	196	264306	40.48	nq	# 88
45) 1,1'-Biphenyl	13.32	154	898968	39.85	nq	98
46) 2-Chloronaphthalene	13.36	162	717397	40.94	nq	95
47) 2-Nitroaniline	13.57	65	283809	43.96	nq	# 71
48) Acenaphthylene	14.22	152	1147681	40.21	nq	99
49) Dimethylphthalate	13.95	163	911399	43.79	nq	# 99
50) 2,6-Dinitrotoluene	14.07	165	197503	44.04	nq	# 69
51) Acenaphthene	14.56	154	700977	40.71	nq	98
52) 3-Nitroaniline	14.40	138	101731	23.02	nq	# 65
53) 2,4-Dinitrophenol	14.61	184	202599	67.87	nq	98
54) Dibenzofuran	14.89	168	1135782	44.60	nq	96
55) 4-Nitrophenol	14.70	139	327923	89.79	nq	# 17
56) 2,4-Dinitrotoluene	14.86	165	282293	46.53	nq	98
57) Fluorene	15.54	166	935904	40.89	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.12	232	256878	46.52	nq	# 100
59) Diethylphthalate	15.31	149	935612	44.32	nq	99
60) 4-Chlorophenyl-phenylether	15.53	204	478854	40.07	nq	98
61) 4-Nitroaniline	15.57	138	200805	41.84	nq	# 30
62) Azobenzene	15.83	77	1201538	48.75	nq	86
64) 4,6-Dinitro-2-methylphenol	15.62	198	155016	38.09	nq	89
65) n-Nitrosodiphenylamine	15.75	169	808479	41.20	nq	99
66) 4-Bromophenyl-phenylether	16.43	248	301018	40.22	nq	# 92
67) Hexachlorobenzene	16.54	284	326592	39.81	nq	# 90
68) Atrazine	16.70	200	296312	40.15	nq	96
69) Pentachlorophenol	16.89	266	389708	77.77	nq	99
70) Phenanthrene	17.28	178	1493591	40.44	nq	99
71) Anthracene	17.37	178	1545876	41.34	nq	99
72) Carbazole	17.64	167	1387975	38.75	nq	100
73) Di-n-butylphthalate	18.19	149	1605325	43.88	nq	# 98
74) Fluoranthene	19.30	202	1830212	41.83	nq	98
76) Benzidine	19.49	184	735907	28.78	nq	99
77) Pyrene	19.66	202	1924395	39.55	nq	100
79) Butylbenzylphthalate	20.54	149	775879	44.29	nq	# 71
80) Benzo(a)anthracene	21.40	228	2054201	41.00	nq	99
81) 3,3'-Dichlorobenzidine	21.34	252	451227	24.05	nq	# 94
82) Chrysene	21.46	228	1848933	38.65	nq	99
83) Bis(2-ethylhexyl)phthalate	21.31	149	1127572	43.13	nq	97
84) Di-n-octyl phthalate	22.21	149	2024249	46.53	nq	# 90
85) Indeno(1,2,3-cd)pyrene	26.11	276	2279056	43.68	nq	# 100
87) Benzo(b)fluoranthene	23.03	252	2087913	40.70	nq	# 96
88) Benzo(k)fluoranthene	23.08	252	2069561	41.95	nq	97
89) Benzo(a)pyrene	23.64	252	2020292	42.53	nq	98
90) Dibenzo(a,h)anthracene	26.11	278	1921711	41.30	nq	# 95
91) Benzo(g,h,i)perylene	26.83	276	1857007	40.94	nq	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.85 min Scan# 809

Delta R.T. -0.02 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

Instrument :

BNA_M

ClientSampleId :

PB97981BS

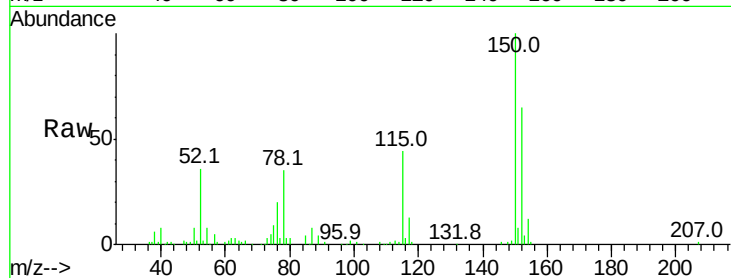
Tot Ion:152 Resp: 110950

Ion Ratio Lower Upper

152 100

150 154.8 119.5 179.3

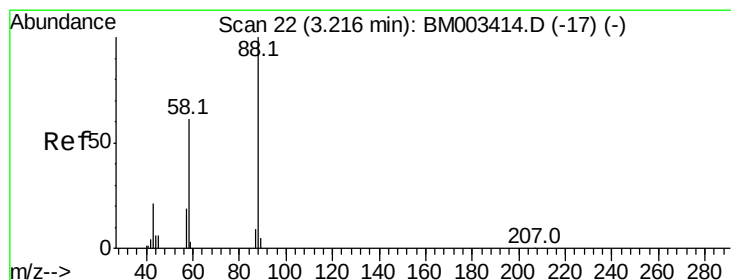
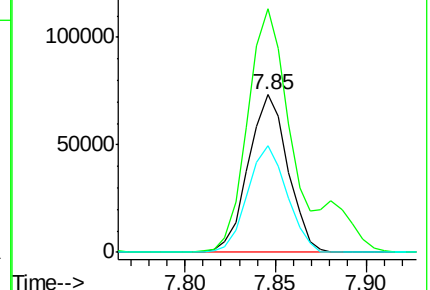
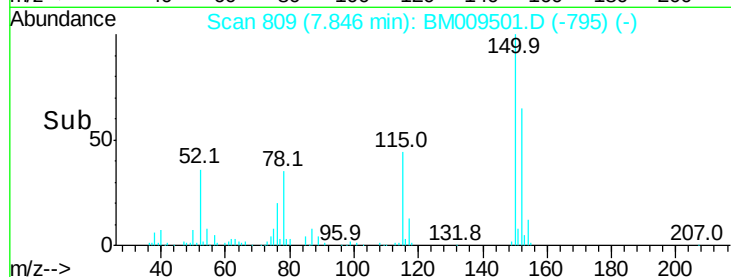
115 67.9 43.0 64.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 30.62 ng

RT: 3.36 min Scan# 46

Delta R.T. -0.01 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

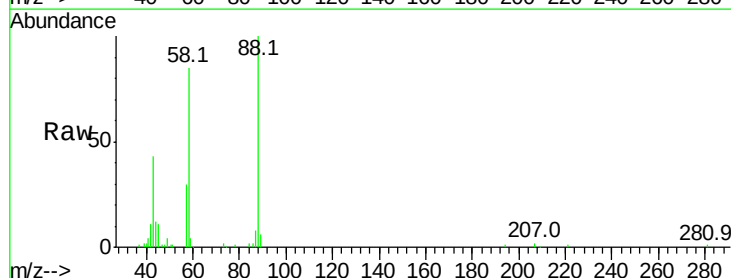
Tgt Ion: 88 Resp: 102484

Ion Ratio Lower Upper

88 100

58 84.0 0.0 0.0#

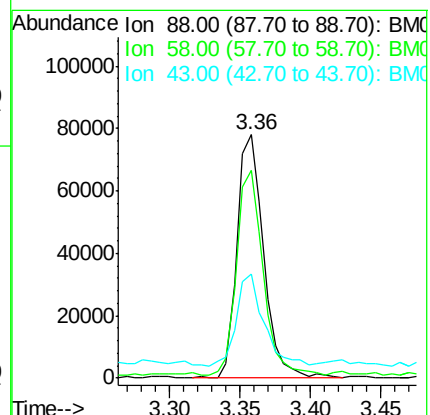
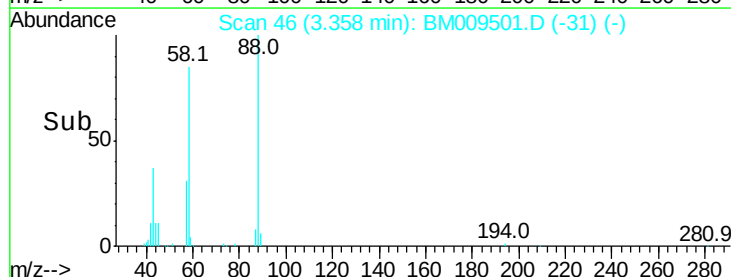
43 39.3 0.0 0.0#

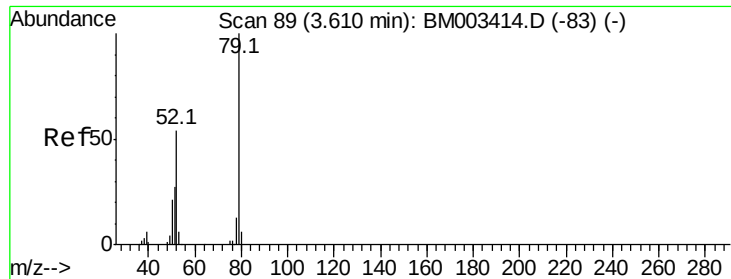


Abundance Ion 88.00 (87.70 to 88.70): BMC

Ion 58.00 (57.70 to 58.70): BMC

Ion 43.00 (42.70 to 43.70): BMC





#3

Pvridine

Concen: 34.78 ng

RT: 3.75 min Scan# 113

Delta R.T. -0.01 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

Instrument :

BNA_M

ClientSampled :

PB97981BS

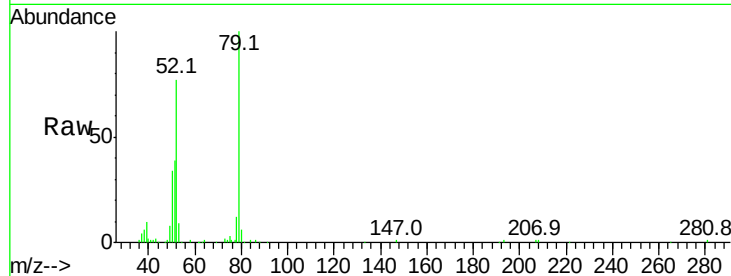
Tot Ion: 79 Resp: 329010

Ion Ratio Lower Upper

79 100

52 77.0 51.1 76.7#

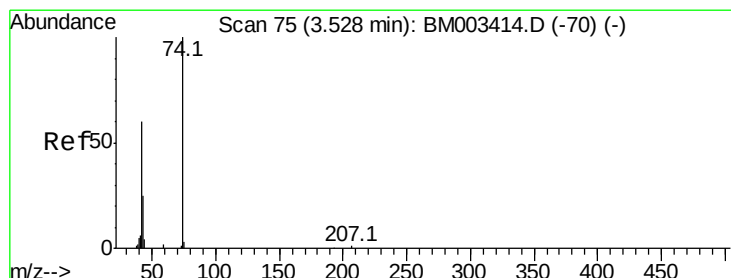
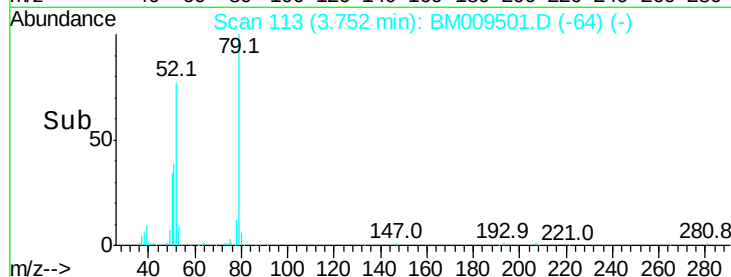
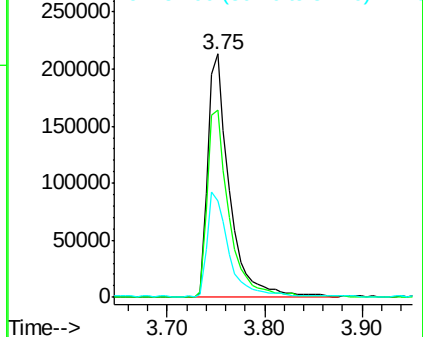
51 39.4 26.1 39.1#



Abundance Ion 79.00 (78.70 to 79.70): BM009501.D (-113) (-)

Ion 52.00 (51.70 to 52.70): BM009501.D (-113) (-)

Ion 51.00 (50.70 to 51.70): BM009501.D (-113) (-)



#4

n-Nitrosodimethylamine

Concen: 41.75 ng

RT: 3.67 min Scan# 99

Delta R.T. -0.01 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

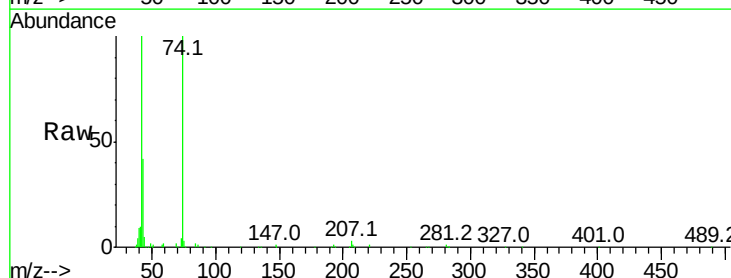
Tgt Ion: 42 Resp: 210223

Ion Ratio Lower Upper

42 100

74 99.8 119.3 178.9#

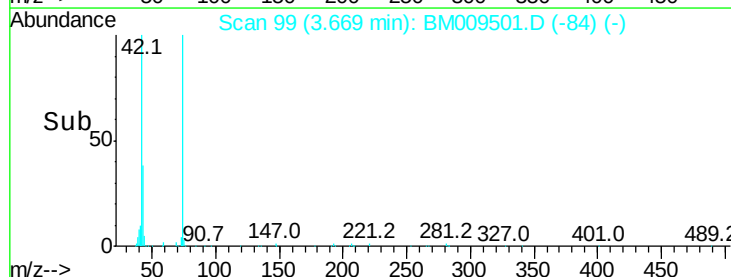
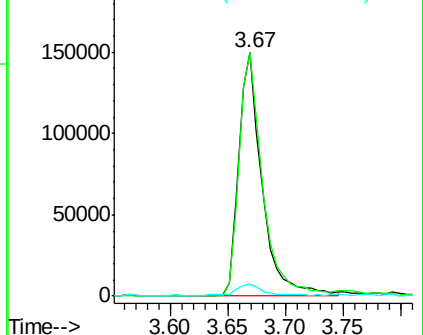
44 4.9 5.4 8.2#

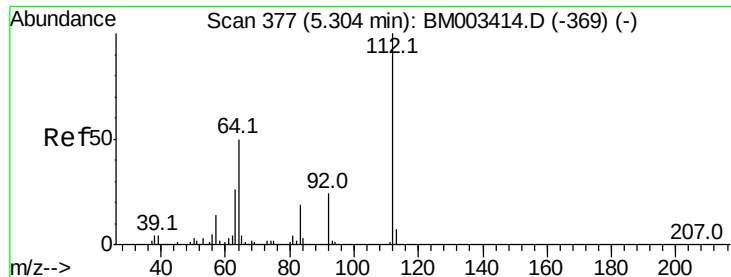


Abundance Ion 42.00 (41.70 to 42.70): BM009501.D (-99) (-)

Ion 74.00 (73.70 to 74.70): BM009501.D (-99) (-)

Ion 44.00 (43.70 to 44.70): BM009501.D (-99) (-)





#5

2-Fluorophenol

Concen: 139.84 ng

RT: 5.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

Instrument :

BNA_M

ClientSampleId :

PB97981BS

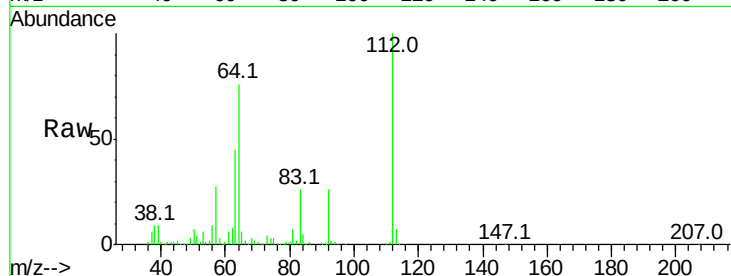
Tot Ion:112 Resp: 930835

Ion Ratio Lower Upper

112 100

64 75.8 38.6 57.8#

63 44.7 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0

800000

600000

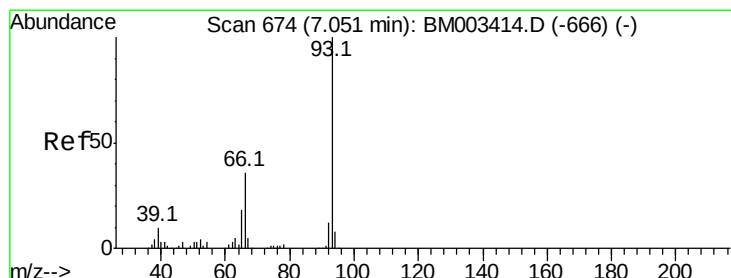
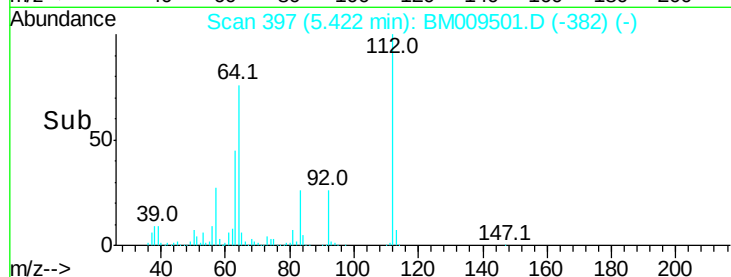
400000

200000

0

5.35 5.40 5.45 5.50

Time-->



#6

Aniline

Concen: 24.46 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

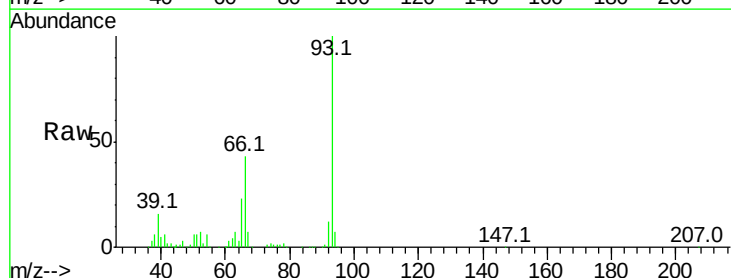
Tgt Ion: 93 Resp: 301780

Ion Ratio Lower Upper

93 100

66 43.4 30.8 46.2

65 22.8 16.0 24.0



Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0

300000

250000

200000

150000

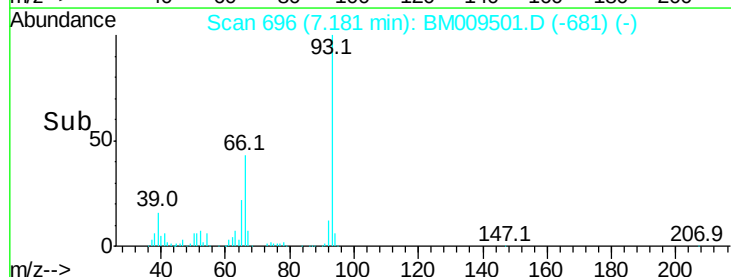
100000

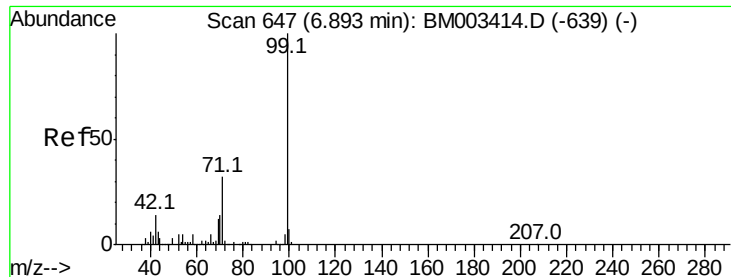
50000

0

7.10 7.15 7.20 7.25

Time-->





#7

Phenol-d6

Concen: 142.92 ng

RT: 7.01 min Scan# 667

Delta R.T. -0.01 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

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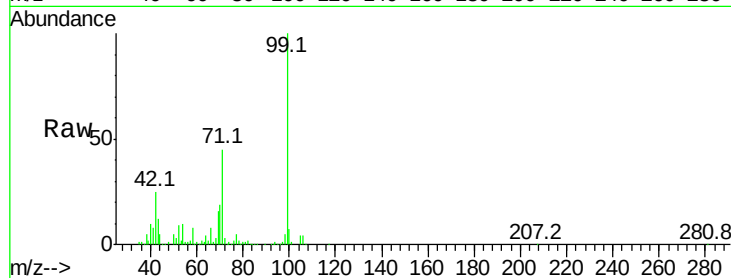
Tot Ion: 99 Resp: 1297240

Ion Ratio Lower Upper

99 100

42 25.5 11.0 16.4#

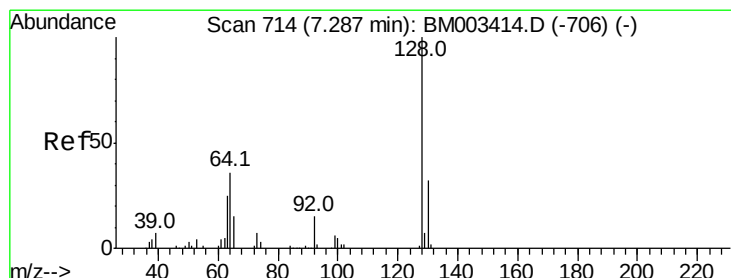
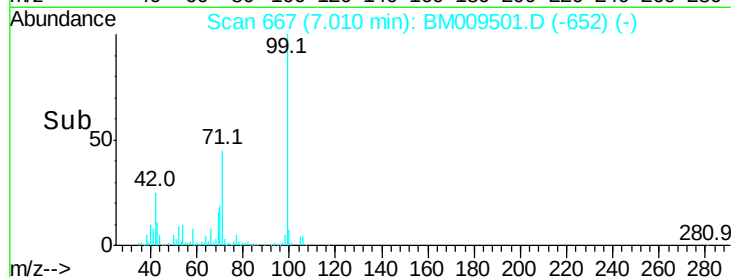
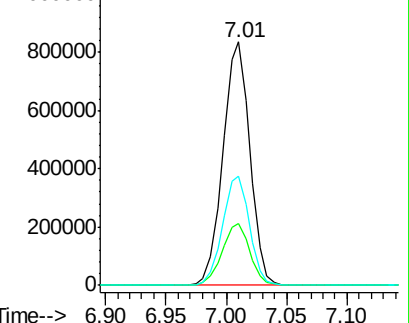
71 44.6 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM009501.D (-652) (-)

Ion 42.00 (41.70 to 42.70): BM009501.D (-652) (-)

Ion 71.00 (70.70 to 71.70): BM009501.D (-652) (-)



#8

2-Chlorophenol

Concen: 45.56 ng

RT: 7.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

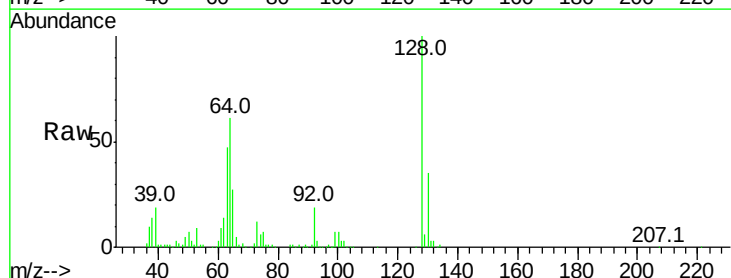
Tgt Ion: 128 Resp: 307483

Ion Ratio Lower Upper

128 100

130 34.9 12.0 52.0

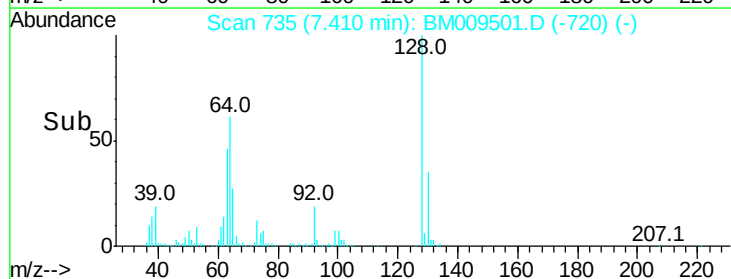
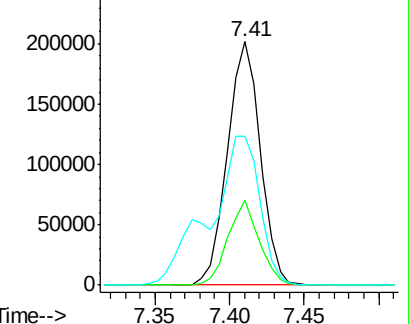
64 61.4 24.9 64.9

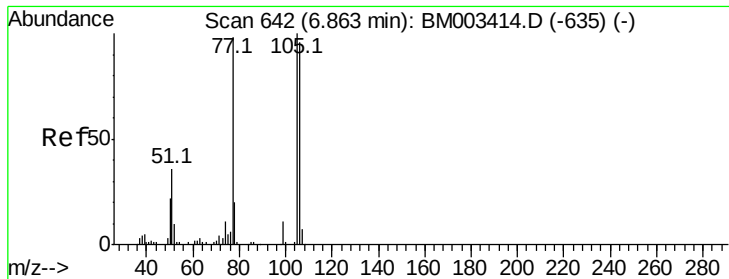


Abundance Ion 128.00 (127.70 to 128.70): BM009501.D (-720) (-)

Ion 130.00 (129.70 to 130.70): BM009501.D (-720) (-)

Ion 64.00 (63.70 to 64.70): BM009501.D (-720) (-)





#9

Benzaldehyde

Concen: 31.93 ng

RT: 6.99 min Scan# 664

Delta R.T. -0.02 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

Instrument :

BNA_M

ClientSampleId :

PB97981BS

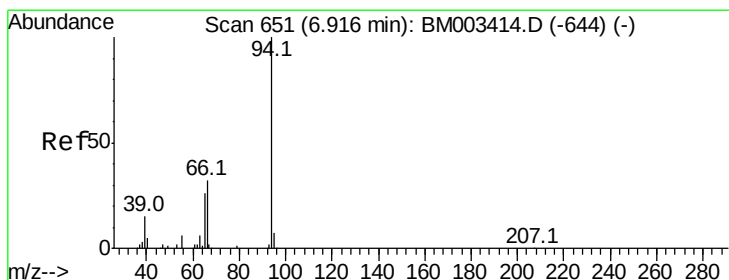
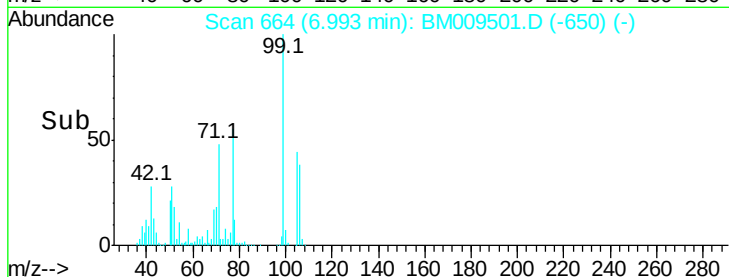
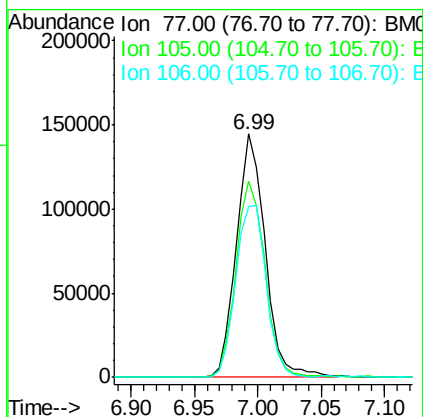
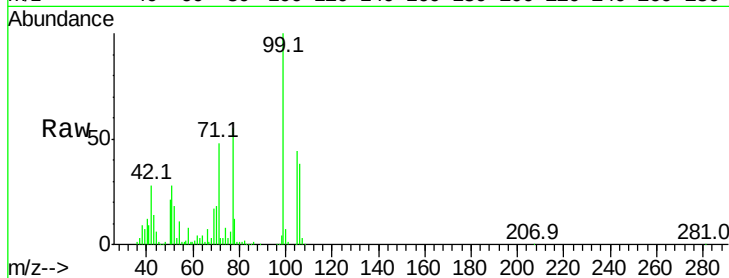
Tot Ion: 77 Resp: 228130

Ion Ratio Lower Upper

77 100

105 80.7 78.8 118.8

106 70.2 73.7 113.7#



#10

Phenol

Concen: 45.69 ng

RT: 7.03 min Scan# 671

Delta R.T. -0.01 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

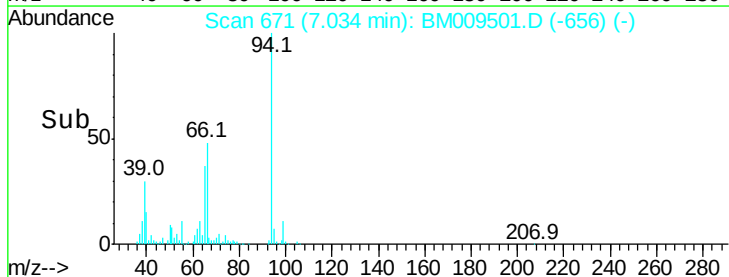
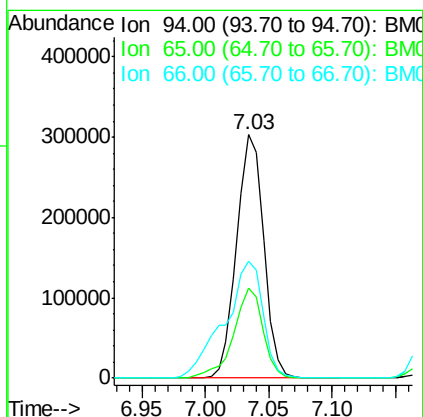
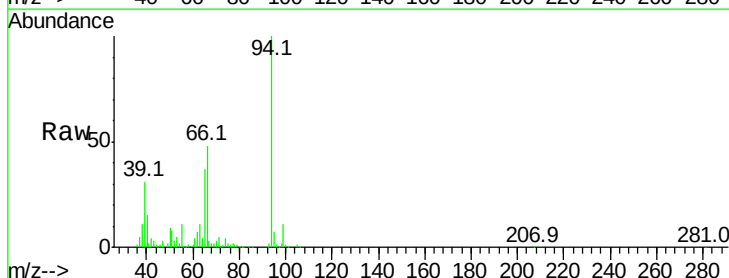
Tgt Ion: 94 Resp: 449380

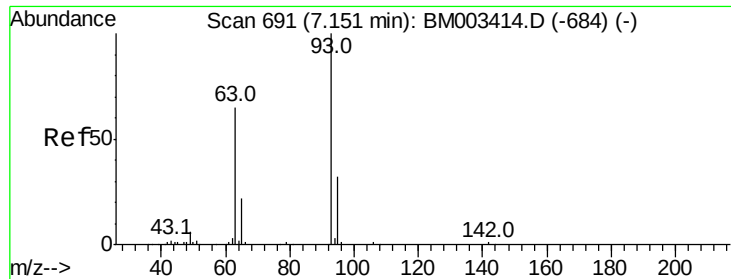
Ion Ratio Lower Upper

94 100

65 36.8 18.8 58.8

66 47.8 39.9 79.9

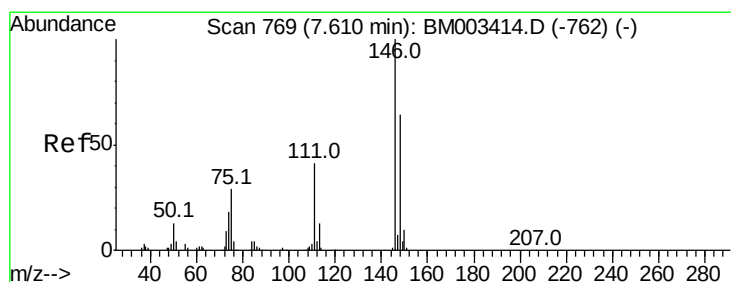
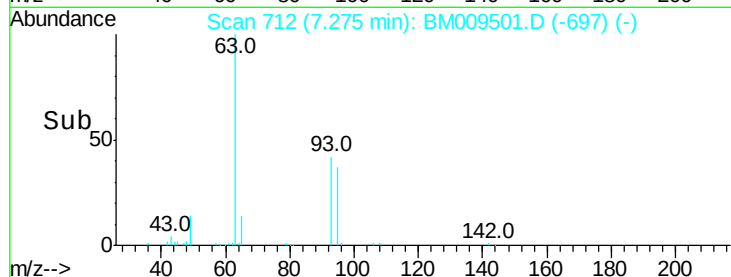
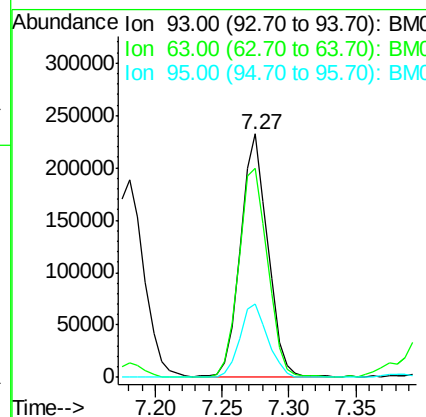
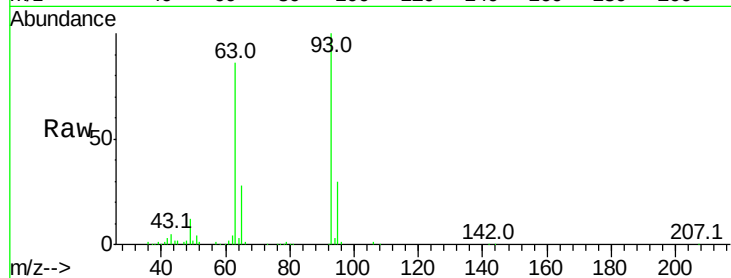




#11
bis(2-Chloroethyl)ether
Concen: 40.33 ng
RT: 7.27 min Scan# 712
Delta R.T. -0.01 min
Lab File: BM009501.D
Acq: 03 Apr 2017 15:41

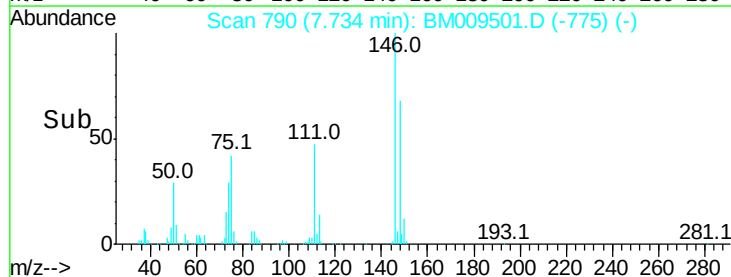
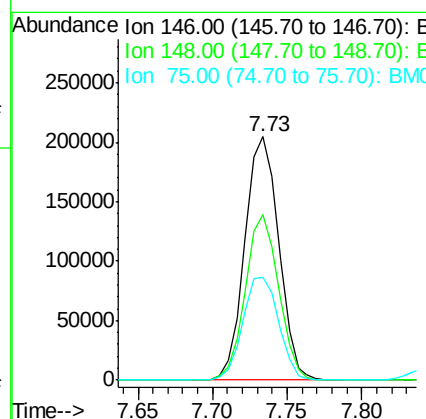
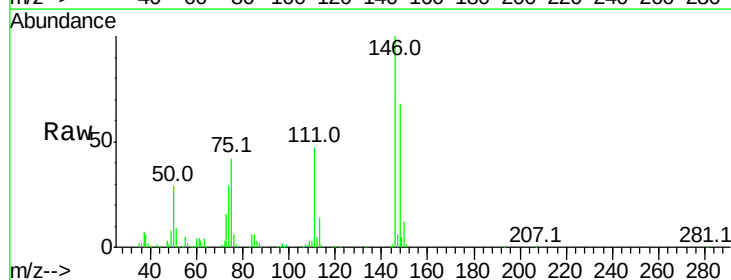
Instrument :
BNA_M
ClientSampleId :
PB97981BS

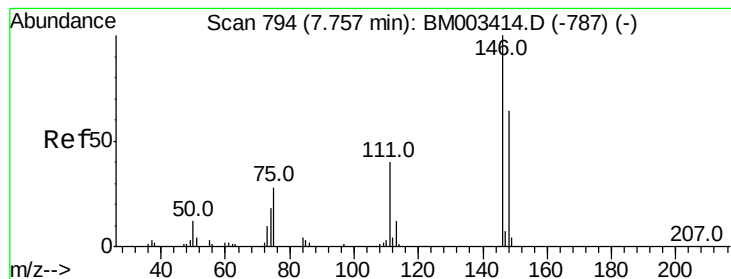
Tot Ion: 93 Resp: 325160
Ion Ratio Lower Upper
93 100
63 85.7 49.5 89.5
95 30.3 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 39.87 ng
RT: 7.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BM009501.D
Acq: 03 Apr 2017 15:41

Tgt Ion: 146 Resp: 322197
Ion Ratio Lower Upper
146 100
148 67.8 50.9 76.3
75 42.4 21.4 32.2#





#13

1,4-Dichlorobenzene

Concen: 39.75 ng

RT: 7.88 min Scan# 815

Delta R.T. -0.02 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

Instrument :

BNA_M

ClientSampleId :

PB97981BS

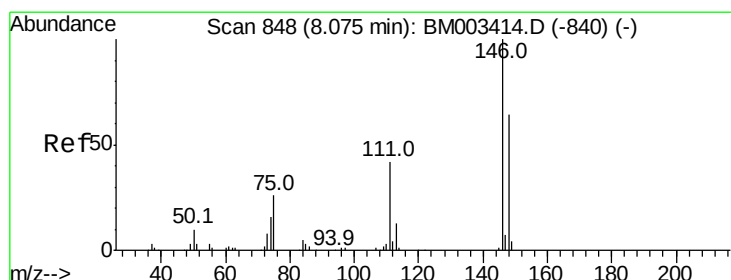
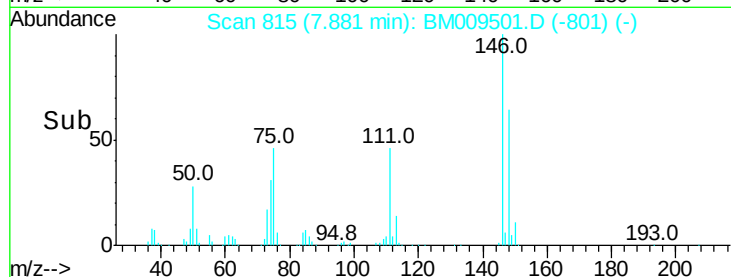
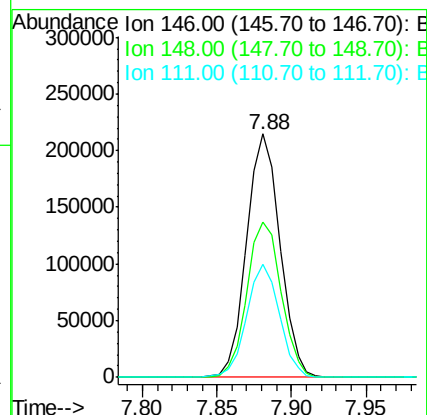
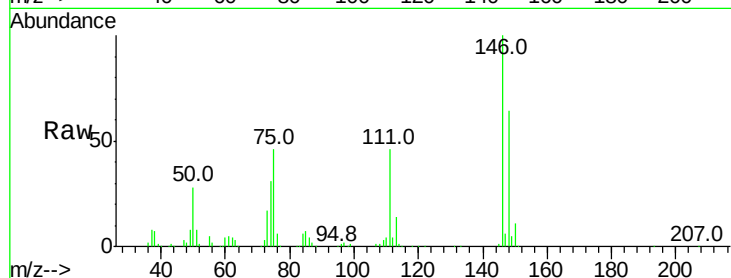
Tot Ion:146 Resp: 331913

Ion Ratio Lower Upper

146 100

148 63.7 51.9 77.9

111 46.3 29.2 43.8#



#14

1,2-Dichlorobenzene

Concen: 39.11 ng

RT: 8.20 min Scan# 869

Delta R.T. -0.02 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

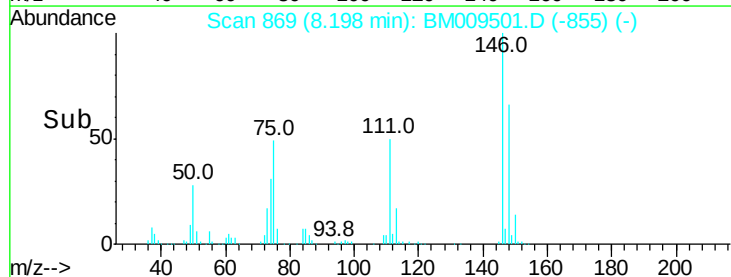
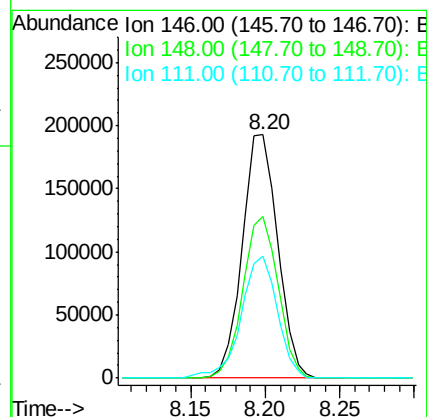
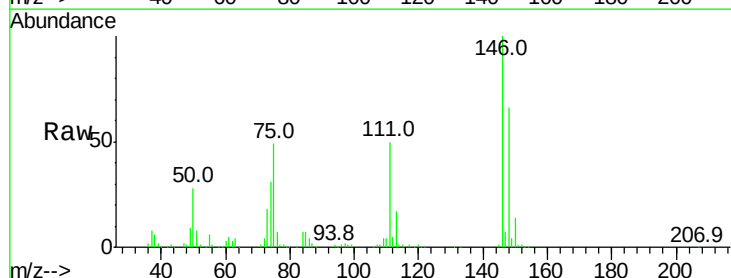
Tgt Ion:146 Resp: 317063

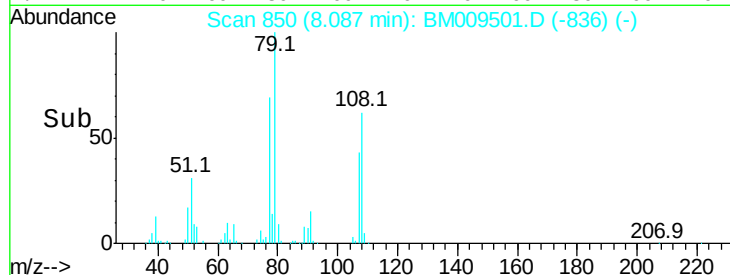
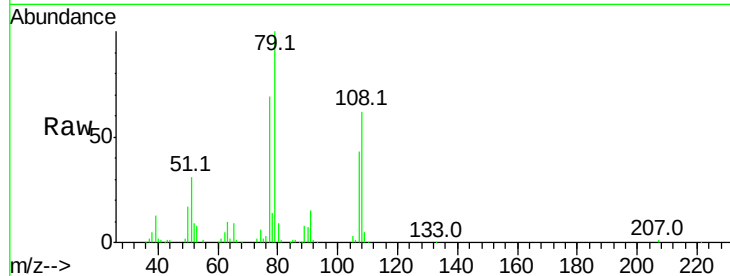
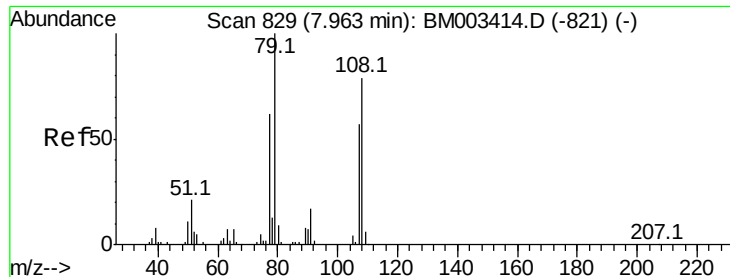
Ion Ratio Lower Upper

146 100

148 66.2 52.3 78.5

111 50.2 30.6 45.8#





#15

Benzyl Alcohol

Concen: 45.93 ng

RT: 8.09 min Scan# 850

Delta R.T. -0.02 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

Instrument :

BNA_M

ClientSampleId :

PB97981BS

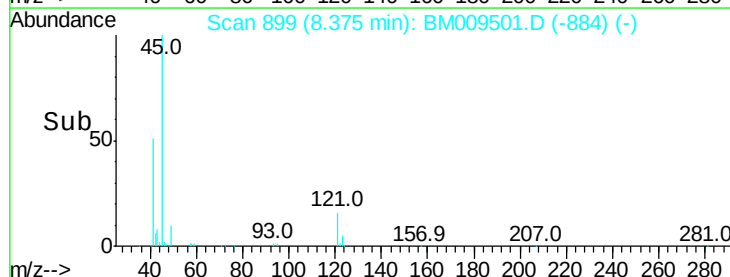
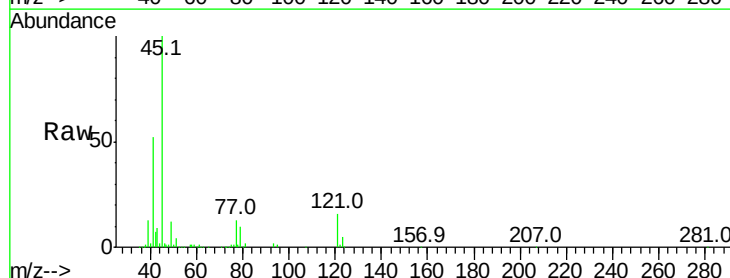
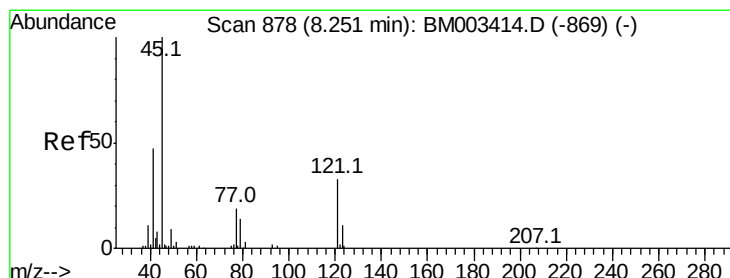
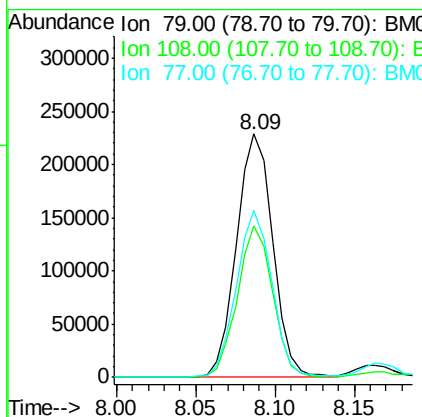
Tot Ion: 79 Resp: 364468

Ion Ratio Lower Upper

79 100

108 62.4 65.0 97.4#

77 68.6 53.0 79.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.63 ng

RT: 8.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

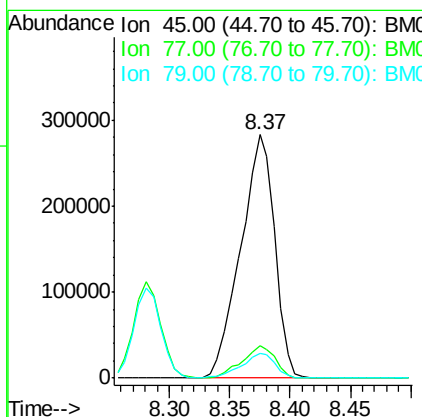
Tgt Ion: 45 Resp: 555277

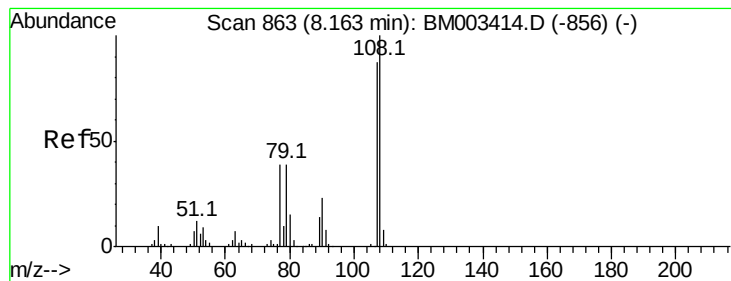
Ion Ratio Lower Upper

45 100

77 13.4 0.0 35.2

79 10.2 0.0 32.0

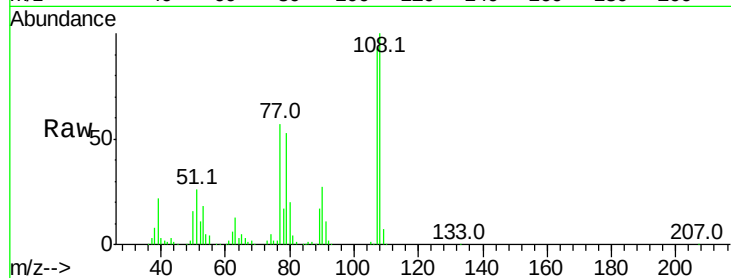




#17
2-Methylphenol
Concen: 44.82 ng
RT: 8.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BM009501.D
Acq: 03 Apr 2017 15:41

Instrument :
BNA_M
ClientSampleId :
PB97981BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	107.2	89.8	134.8
77	61.6	32.6	48.8#
79	57.3	32.8	49.2#



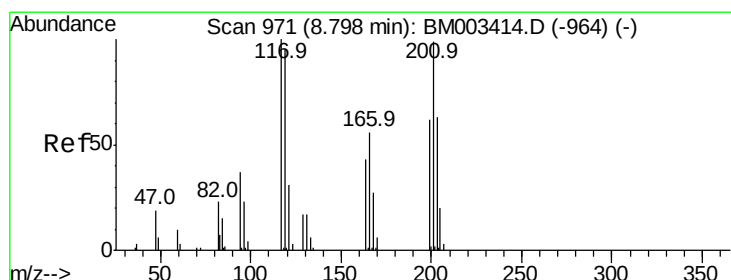
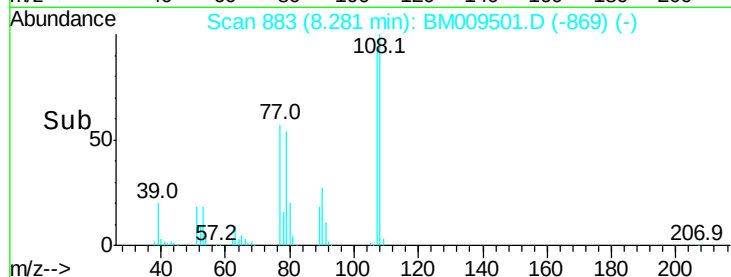
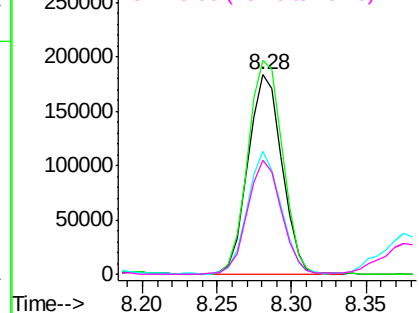
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

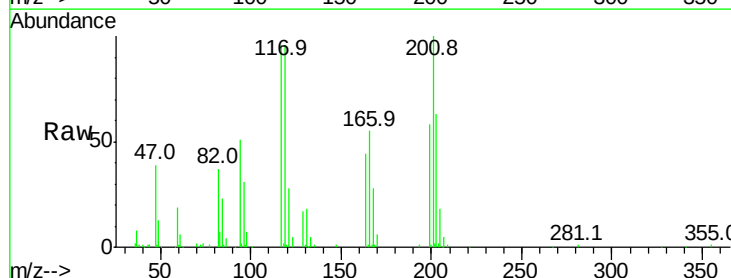
Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18
Hexachloroethane
Concen: 40.70 ng
RT: 8.92 min Scan# 991
Delta R.T. -0.02 min
Lab File: BM009501.D
Acq: 03 Apr 2017 15:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.3	79.2	118.8
201	103.9	69.8	104.6

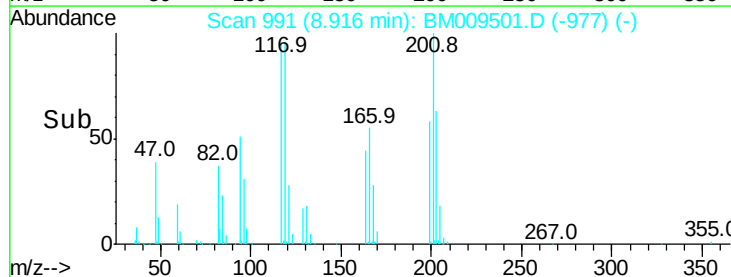
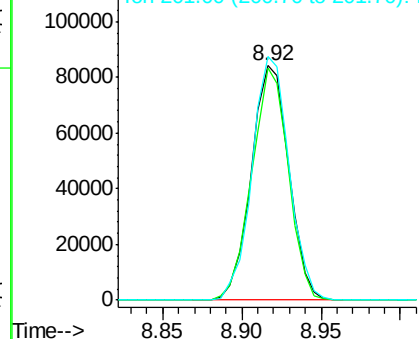


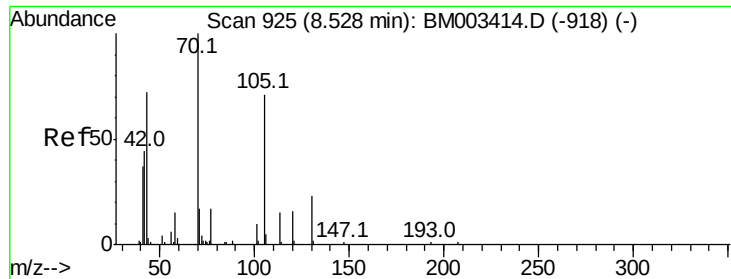
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

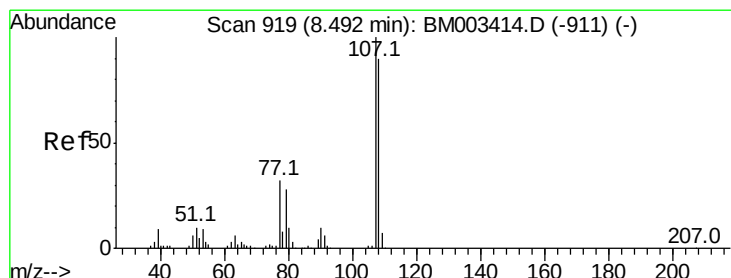
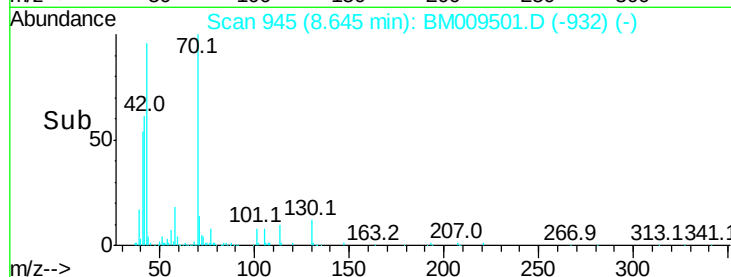
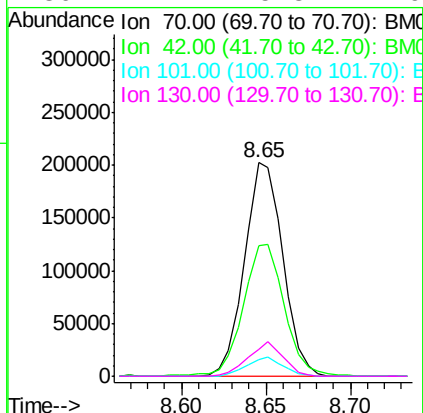
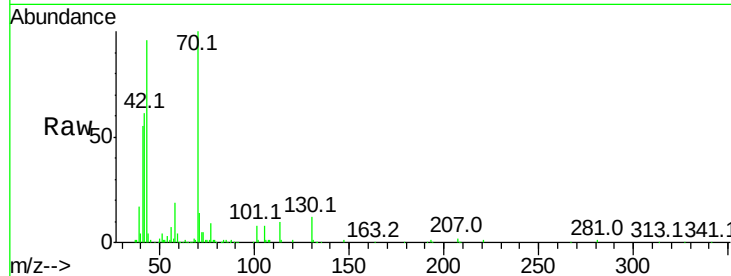




#19
n-Nitroso-di-n-propylamine
Concen: 43.44 ng
RT: 8.65 min Scan# 945
Delta R.T. -0.02 min
Lab File: BM009501.D
Acq: 03 Apr 2017 15:41

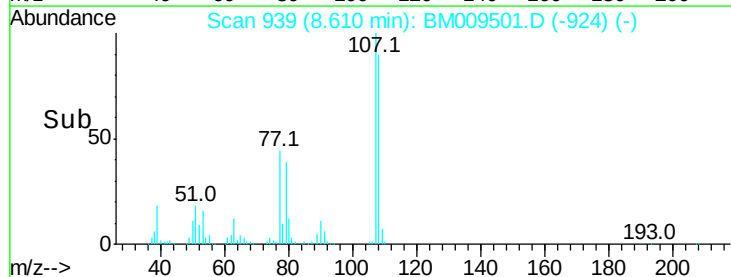
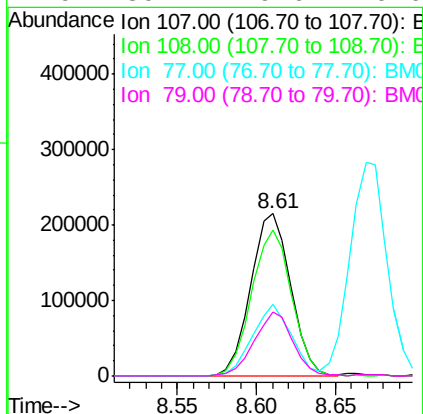
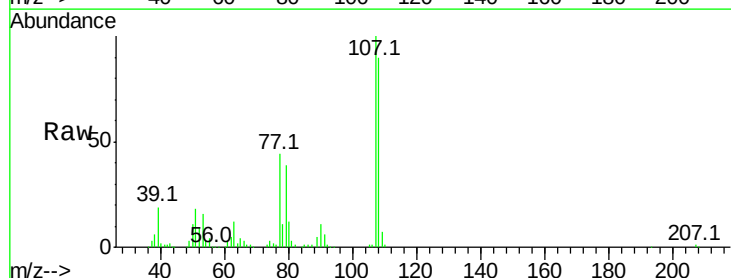
Instrument :
BNA_M
ClientSampleId :
PB97981BS

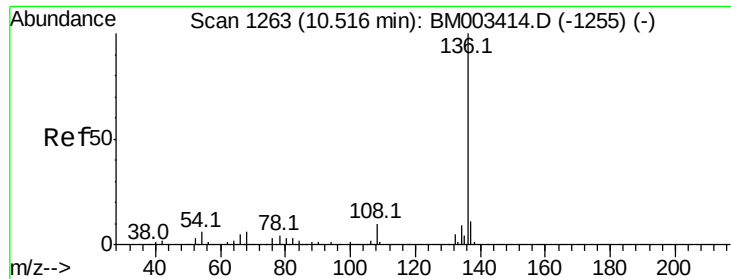
Tot Ion: 70 Resp: 317883
Ion Ratio Lower Upper
70 100
42 61.4 44.5 66.7
101 8.0 7.4 11.2
130 12.4 15.3 22.9#



#20
3+4-Methylphenols
Concen: 43.18 ng
RT: 8.61 min Scan# 939
Delta R.T. -0.01 min
Lab File: BM009501.D
Acq: 03 Apr 2017 15:41

Tgt Ion: 107 Resp: 377783
Ion Ratio Lower Upper
107 100
108 89.8 73.2 113.2
77 44.3 10.7 50.7
79 39.2 9.6 49.6

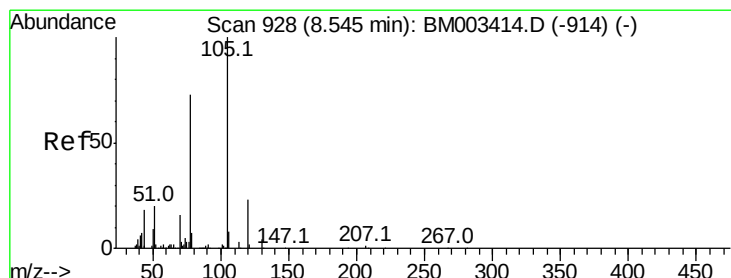
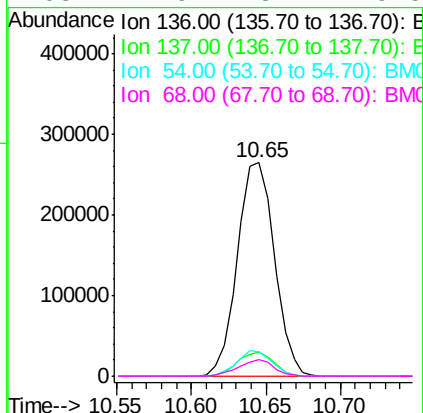
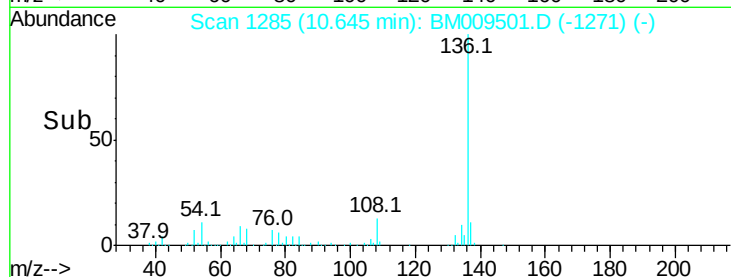
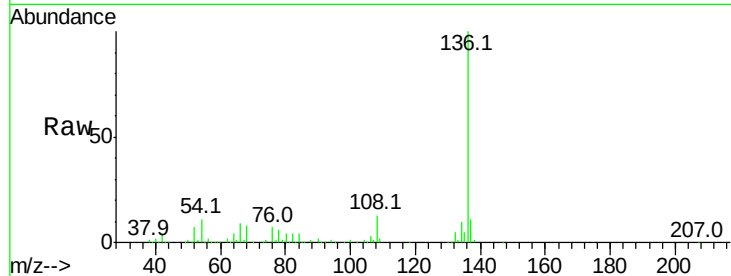




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BM009501.D
Acq: 03 Apr 2017 15:41

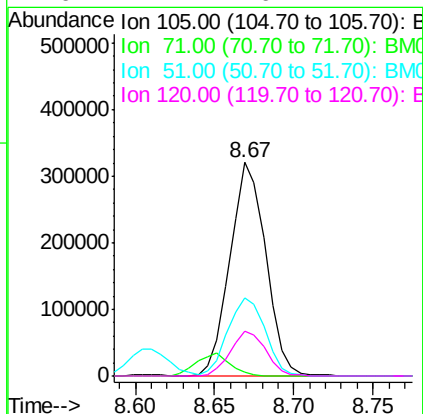
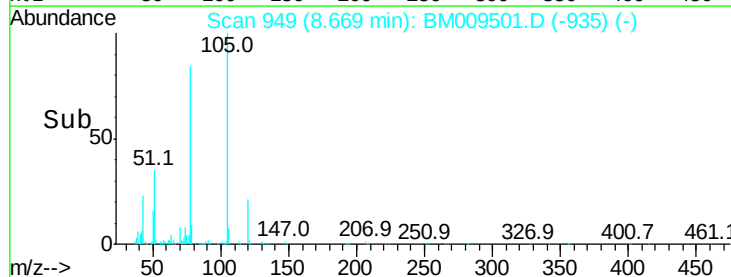
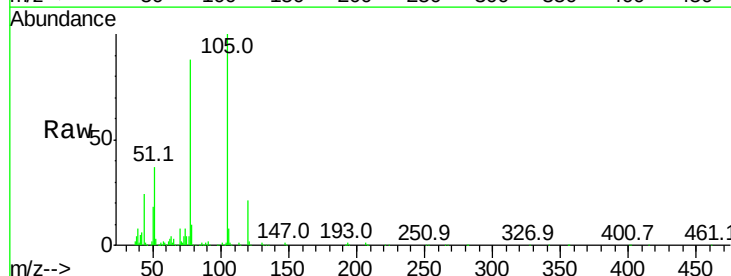
Instrument :
BNA_M
ClientSampleId :
PB97981BS

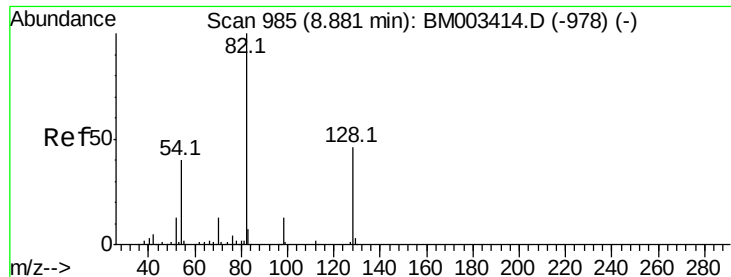
Tot Ion:136	Resp:	458923	
Ion Ratio	Lower	Upper	
136 100			
137 11.4	8.7	13.1	
54 11.2	4.6	6.8#	
68 7.9	3.7	5.5#	



#22
Acetophenone
Concen: 38.71 ng
RT: 8.67 min Scan# 949
Delta R.T. -0.02 min
Lab File: BM009501.D
Acq: 03 Apr 2017 15:41

Tgt	Ion:105	Resp:	500970
Ion	Ratio	Lower	Upper
105	100		
71	1.6	0.6	1.0#
51	36.7	21.6	32.4#
120	21.1	16.1	24.1





#23

Nitrobenzene-d5

Concen: 77.63 ng

RT: 9.01 min Scan# 1007

Delta R.T. -0.02 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

Instrument :

BNA_M

ClientSampleId :

PB97981BS

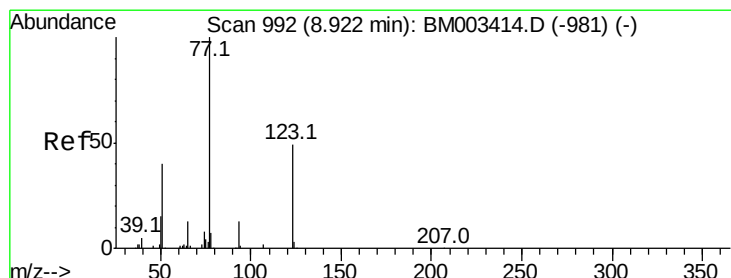
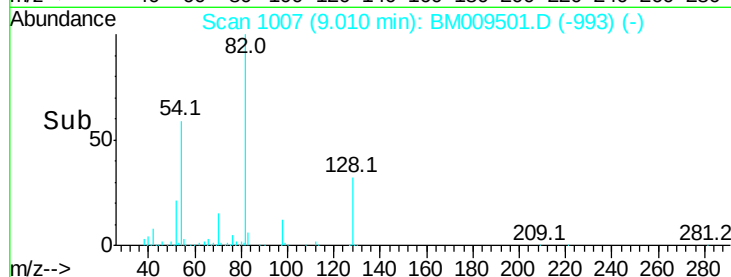
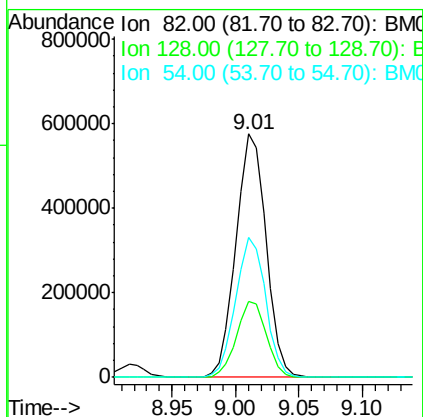
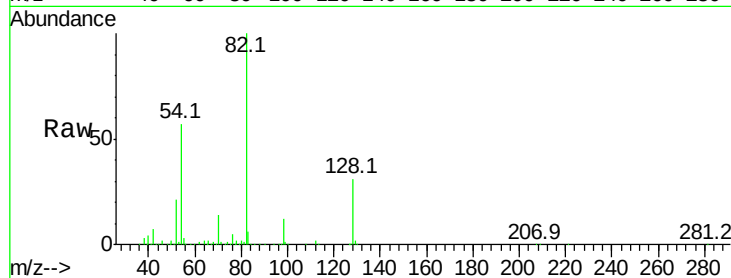
Tot Ion: 82 Resp: 950145

Ion Ratio Lower Upper

82 100

128 31.0 32.8 49.2#

54 57.4 40.6 60.8



#24

Nitrobenzene

Concen: 39.06 ng

RT: 9.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

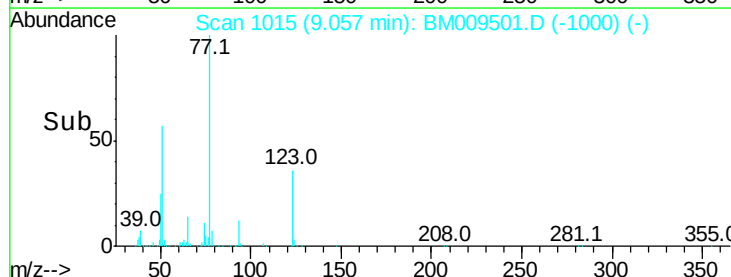
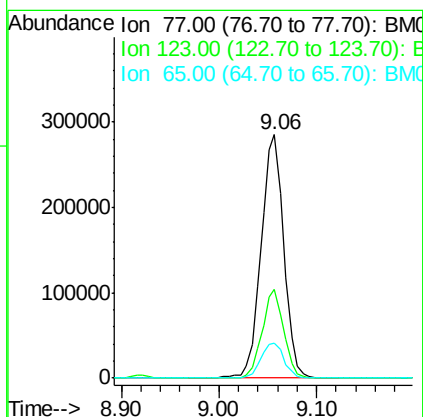
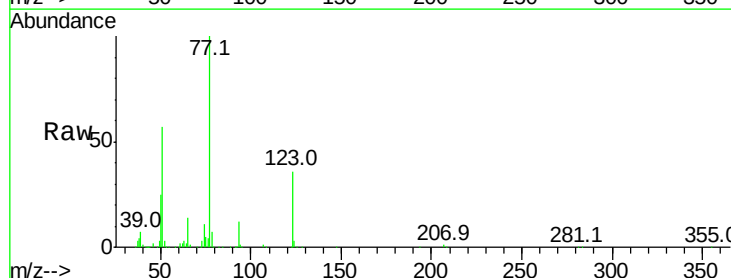
Tgt Ion: 77 Resp: 468358

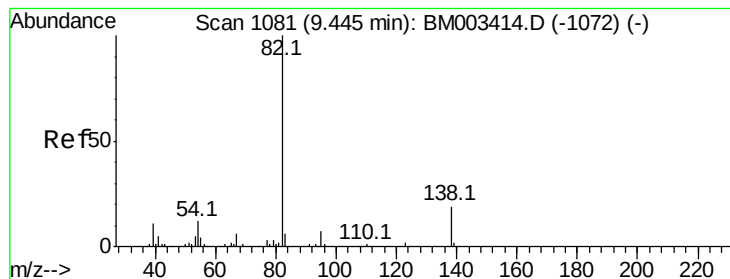
Ion Ratio Lower Upper

77 100

123 36.4 32.6 49.0

65 14.5 10.9 16.3





#25

Isophorone

Concen: 41.21 ng

RT: 9.57 min Scan# 1102

Delta R.T. -0.02 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

Instrument :

BNA_M

ClientSampleId :

PB97981BS

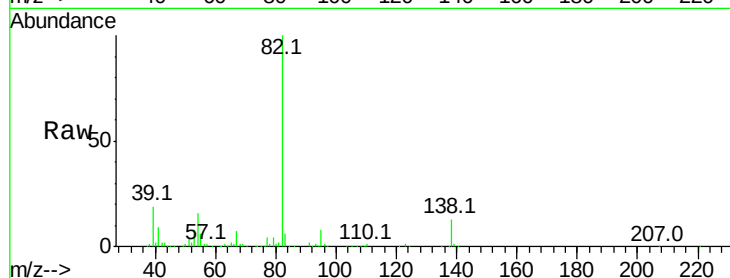
Tot Ion: 82 Resp: 769398

Ion Ratio Lower Upper

82 100

95 7.7 5.8 8.6

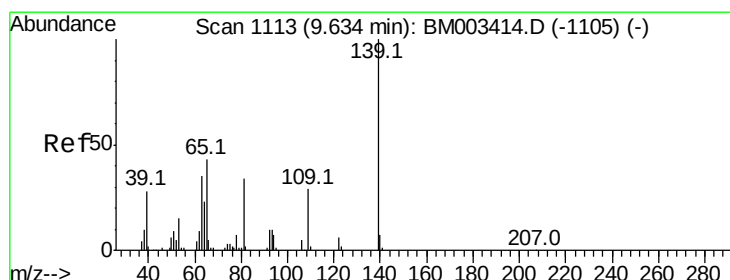
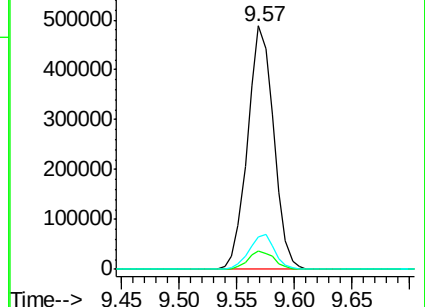
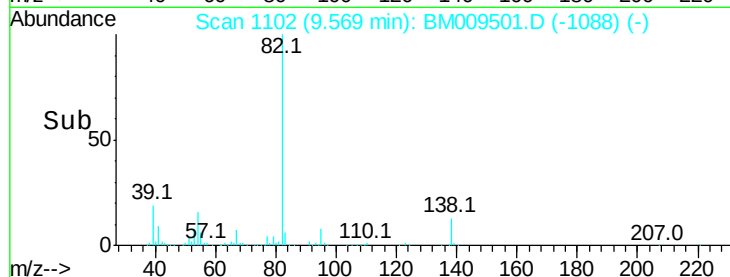
138 13.3 16.3 24.5#



Abundance Ion 82.00 (81.70 to 82.70): BM009501.D (-1088) (-)

Ion 95.00 (94.70 to 95.70): BM009501.D (-1088) (-)

Ion 138.00 (137.70 to 138.70): BM009501.D (-1088) (-)



#26

2-Nitrophenol

Concen: 41.70 ng

RT: 9.76 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

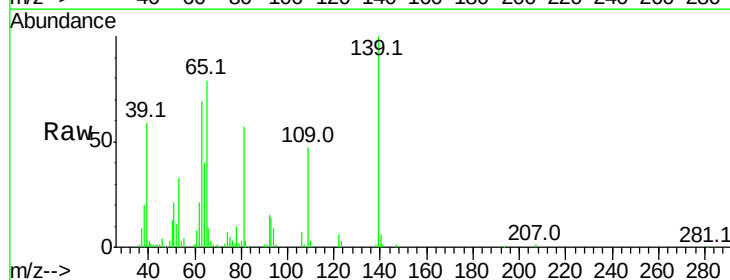
Tgt Ion: 139 Resp: 150797

Ion Ratio Lower Upper

139 100

109 47.4 20.1 30.1#

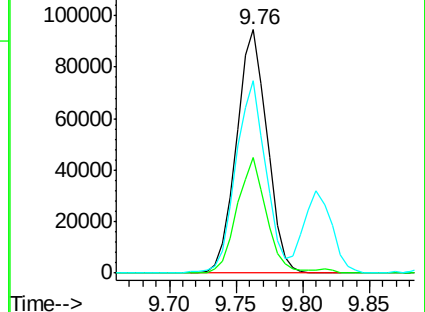
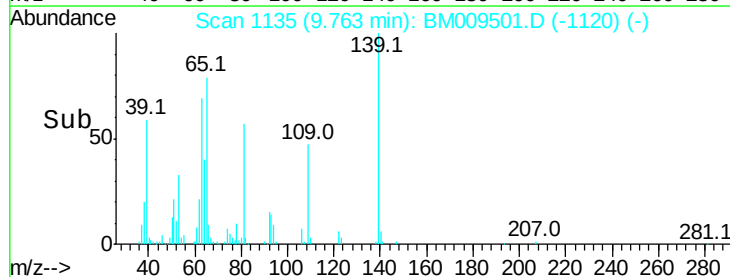
65 78.9 31.5 47.3#

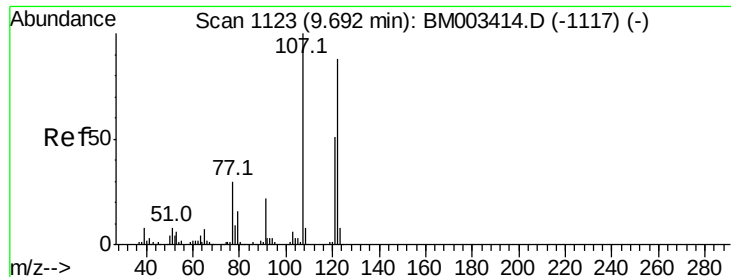


Abundance Ion 139.00 (138.70 to 139.70): BM009501.D (-1120) (-)

Ion 109.00 (108.70 to 109.70): BM009501.D (-1120) (-)

Ion 65.00 (64.70 to 65.70): BM009501.D (-1120) (-)





#27

2,4-Dimethylphenol

Concen: 43.81 ng

RT: 9.81 min Scan# 1143

Delta R.T. -0.02 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

Instrument :

BNA_M

ClientSampleId :

PB97981BS

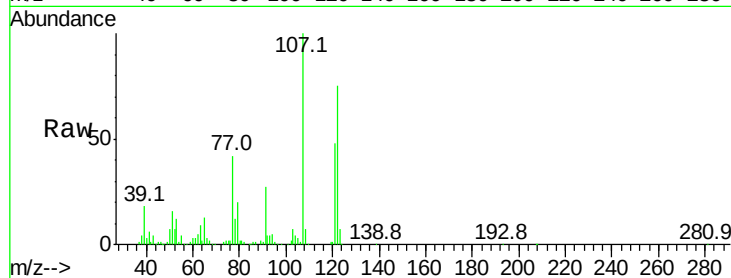
Tot Ion:122 Resp: 289841

Ion Ratio Lower Upper

122 100

107 134.2 84.7 127.1#

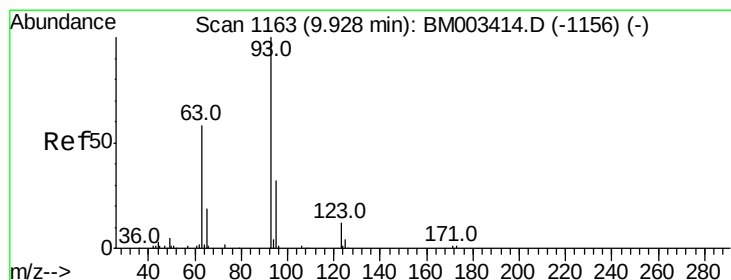
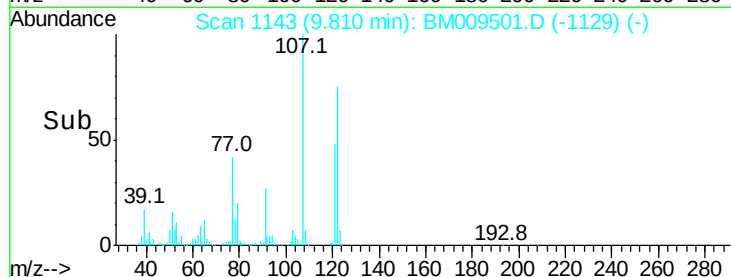
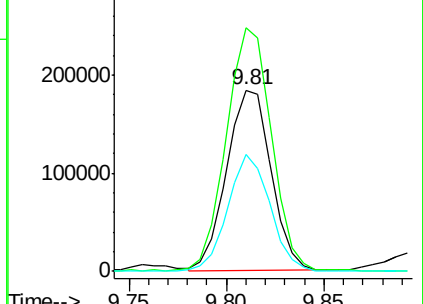
121 64.1 46.6 69.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.39 ng

RT: 10.05 min Scan# 1184

Delta R.T. -0.02 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

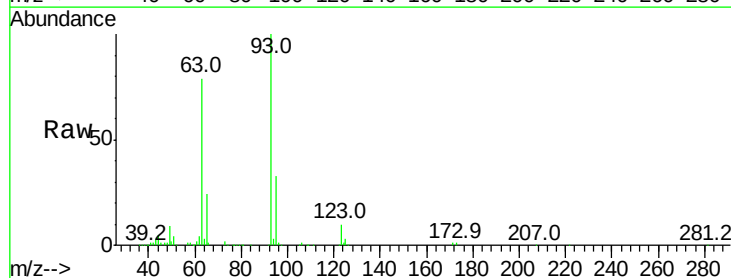
Tgt Ion: 93 Resp: 455343

Ion Ratio Lower Upper

93 100

95 32.9 25.5 38.3

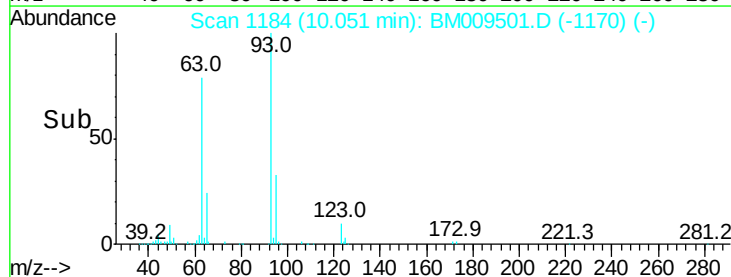
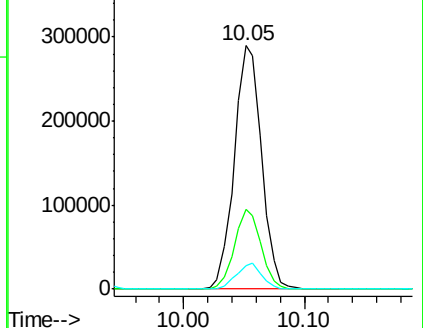
123 9.8 8.6 13.0

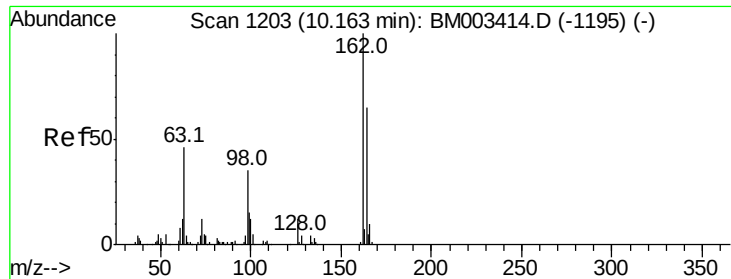


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

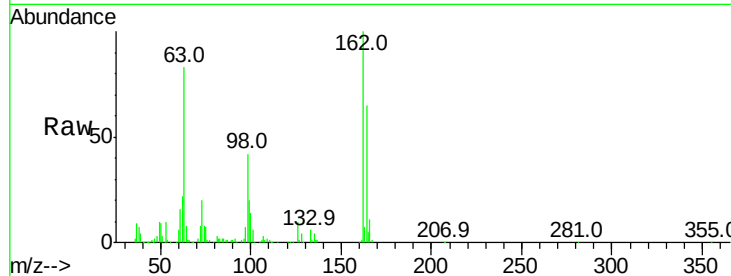




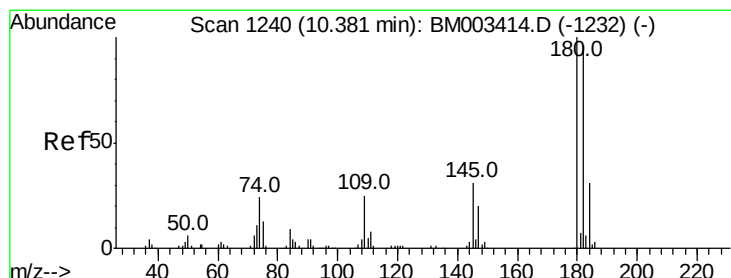
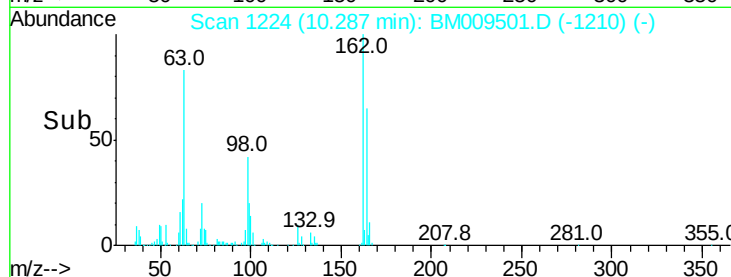
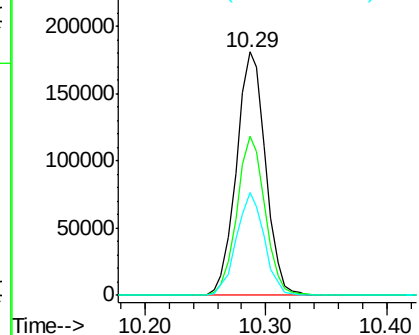
#29
 2,4-Dichlorophenol
 Concen: 43.98 ng
 RT: 10.29 min Scan# 1224
 Delta R.T. -0.02 min
 Lab File: BM009501.D
 Acq: 03 Apr 2017 15:41

Instrument :
 BNA_M
 ClientSampleId :
 PB97981BS

Tot Ion:162 Resp: 304210
 Ion Ratio Lower Upper
 162 100
 164 65.4 42.8 82.8
 98 42.5 14.5 54.5

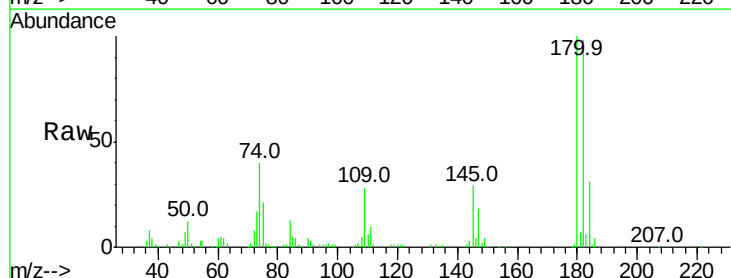


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BM

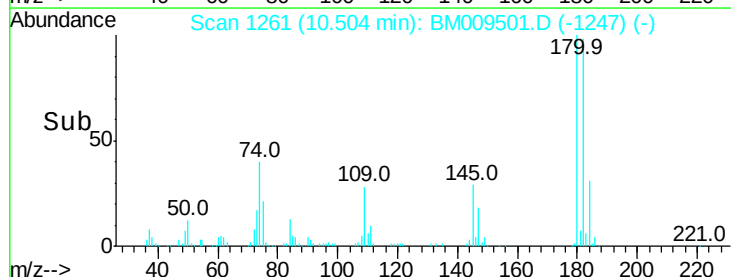
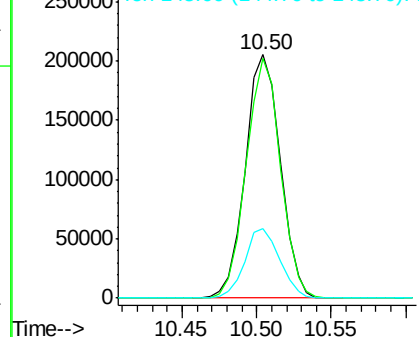


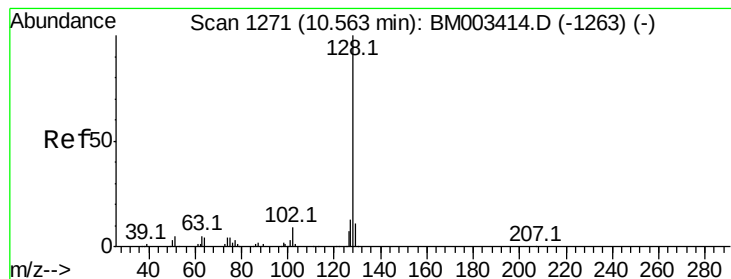
#30
 1,2,4-Trichlorobenzene
 Concen: 38.83 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. -0.02 min
 Lab File: BM009501.D
 Acq: 03 Apr 2017 15:41

Tgt Ion:180 Resp: 333252
 Ion Ratio Lower Upper
 180 100
 182 98.3 77.6 116.4
 145 28.8 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

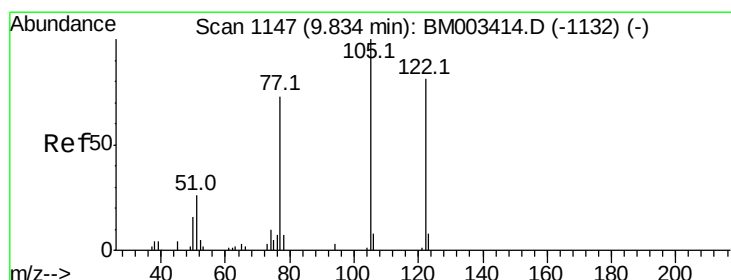
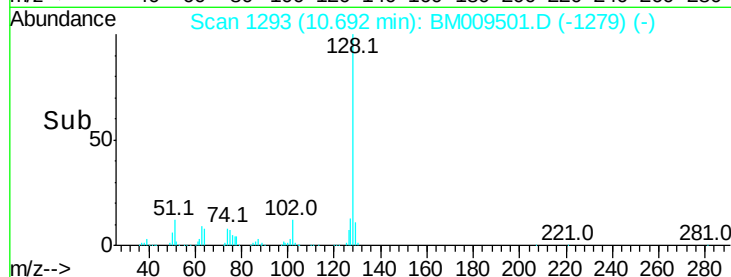
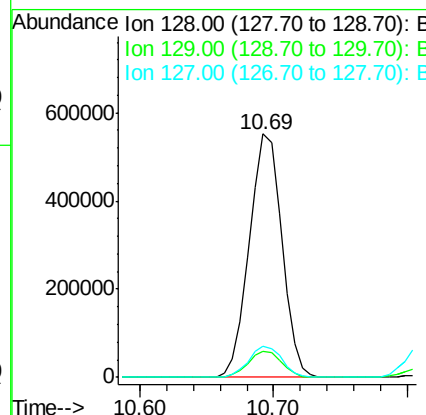
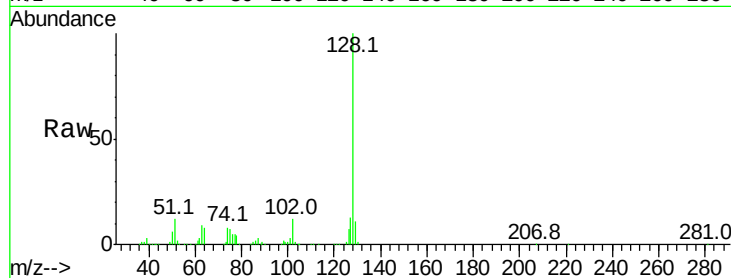




#31
Naphthalene
Concen: 38.19 ng
RT: 10.69 min Scan# 1293
Delta R.T. -0.02 min
Lab File: BM009501.D
Acq: 03 Apr 2017 15:41

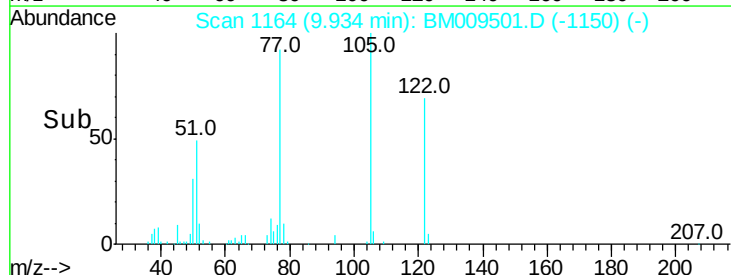
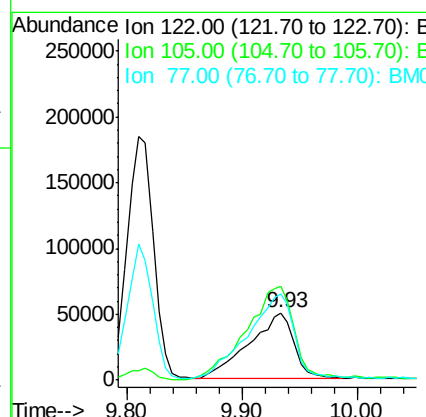
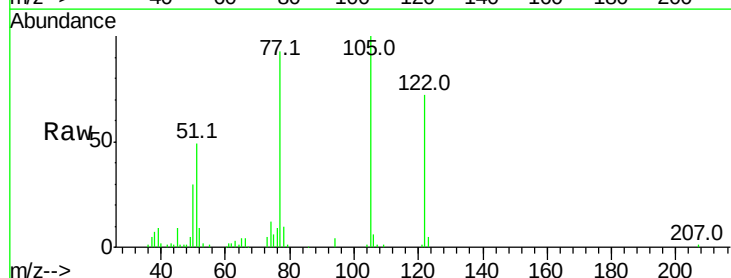
Instrument :
BNA_M
ClientSampleId :
PB97981BS

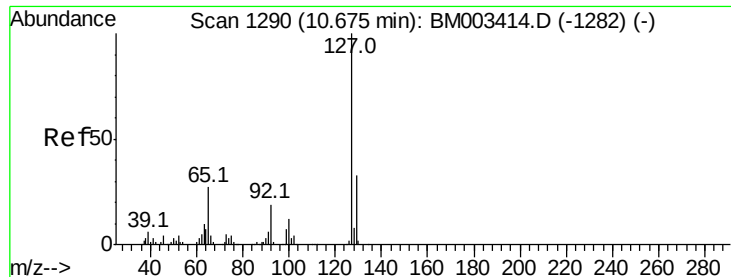
Tot Ion:128 Resp: 930149
Ion Ratio Lower Upper
128 100
129 10.5 8.9 13.3
127 12.7 10.4 15.6



#32
Benzoic acid
Concen: 29.86 ng
RT: 9.93 min Scan# 1164
Delta R.T. -0.02 min
Lab File: BM009501.D
Acq: 03 Apr 2017 15:41

Tgt Ion:122 Resp: 133562
Ion Ratio Lower Upper
122 100
105 139.2 99.9 139.9
77 128.9 73.7 113.7#

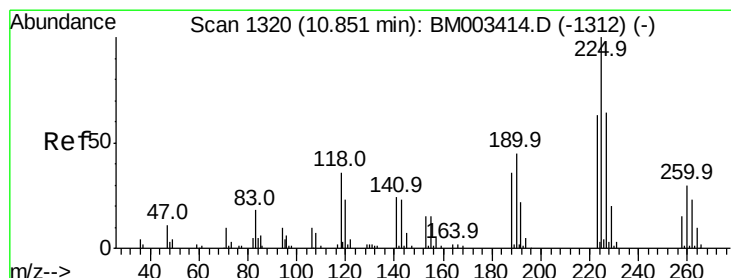
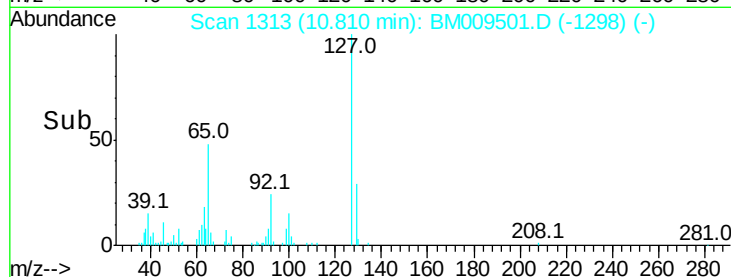
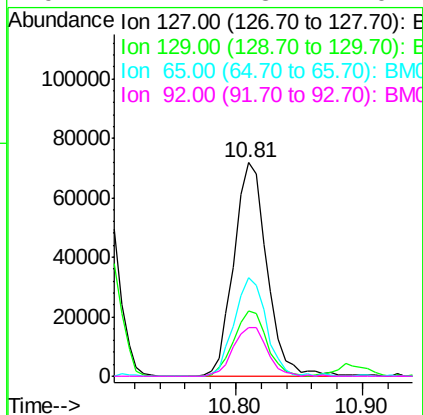
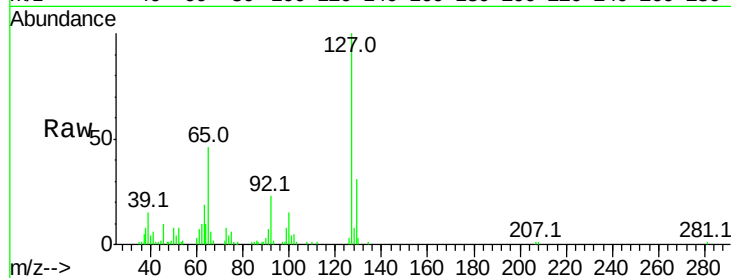




#33
4-Chloroaniline
Concen: 13.80 ng
RT: 10.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BM009501.D
Acq: 03 Apr 2017 15:41

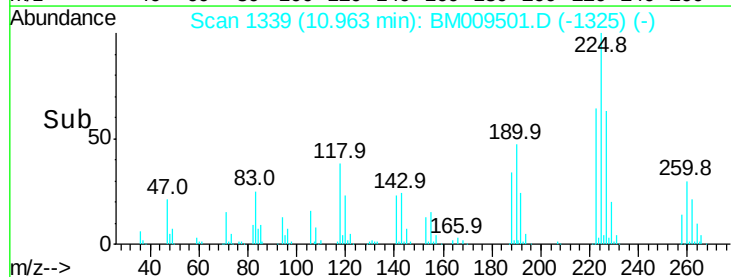
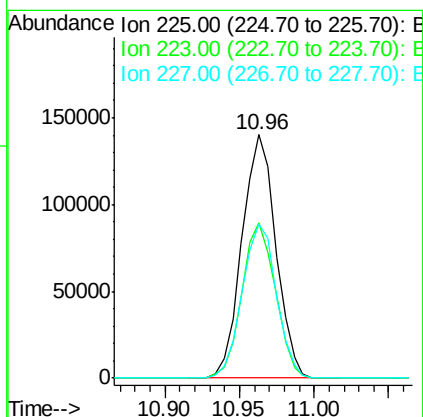
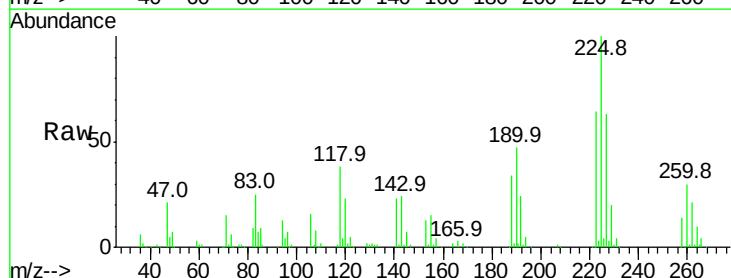
Instrument :
BNA_M
ClientSampleId :
PB97981BS

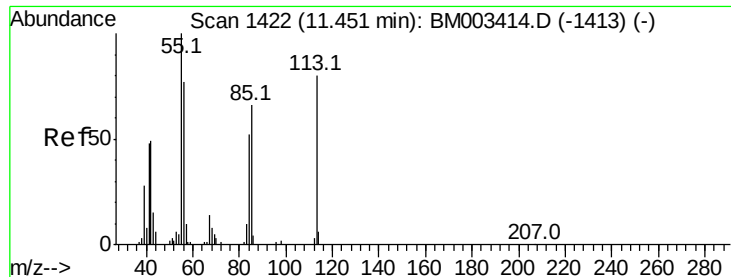
Tot Ion:	127	Resp:	129676
Ion	Ratio	Lower	Upper
127	100		
129	30.6	25.3	37.9
65	46.1	17.6	26.4
92	22.7	13.1	19.7



#34
Hexachlorobutadiene
Concen: 37.48 ng
RT: 10.96 min Scan# 1339
Delta R.T. -0.02 min
Lab File: BM009501.D
Acq: 03 Apr 2017 15:41

Tgt Ion:	225	Resp:	220255
Ion	Ratio	Lower	Upper
225	100		
223	63.9	47.9	71.9
227	65.7	50.1	75.1





#35

Caprolactam

Concen: 40.62 ng

RT: 11.59 min Scan# 1446

Delta R.T. -0.02 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

Instrument :

BNA_M

ClientSampleId :

PB97981BS

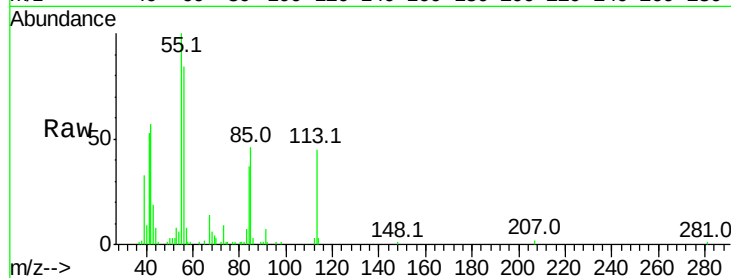
Tot Ion:113 Resp: 85782

Ion Ratio Lower Upper

113 100

55 224.7 145.9 185.9#

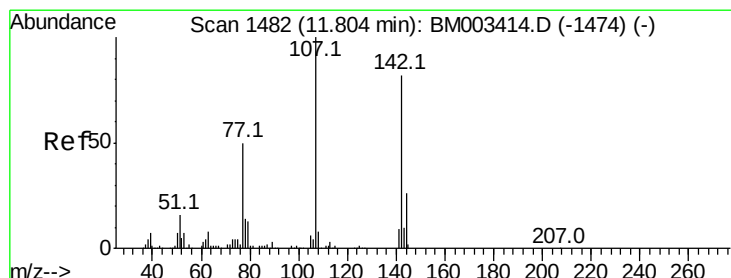
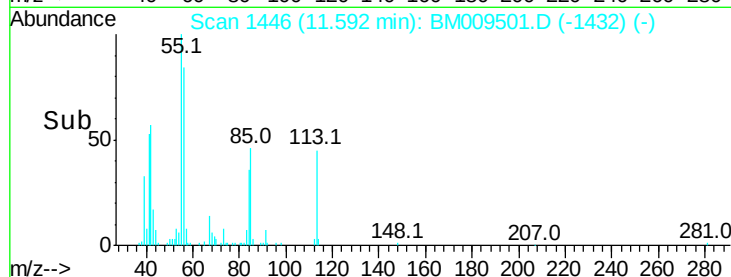
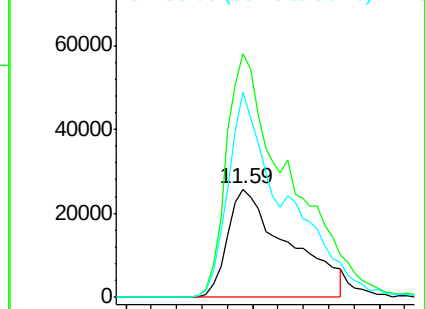
56 189.9 101.0 141.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 43.87 ng

RT: 11.92 min Scan# 1502

Delta R.T. -0.02 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

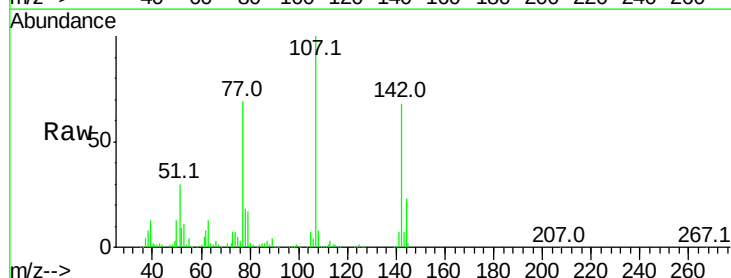
Tgt Ion:107 Resp: 343335

Ion Ratio Lower Upper

107 100

144 23.1 23.3 34.9#

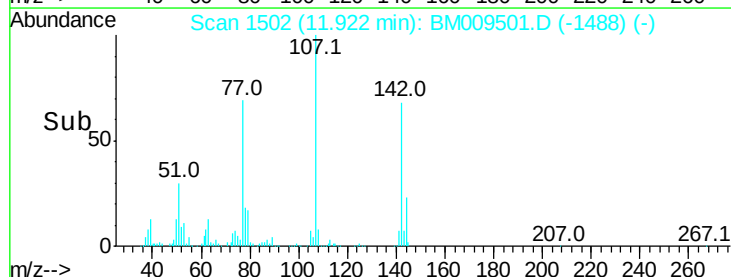
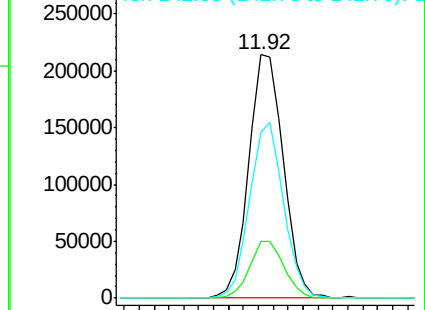
142 68.2 72.6 109.0#

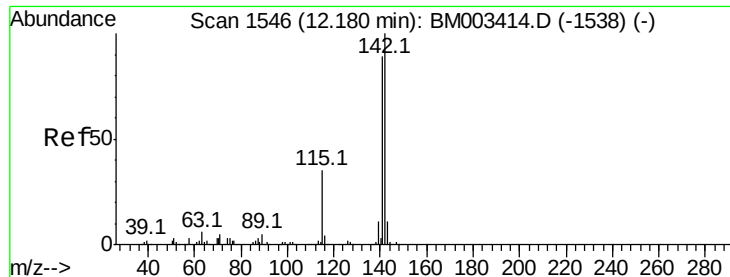


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

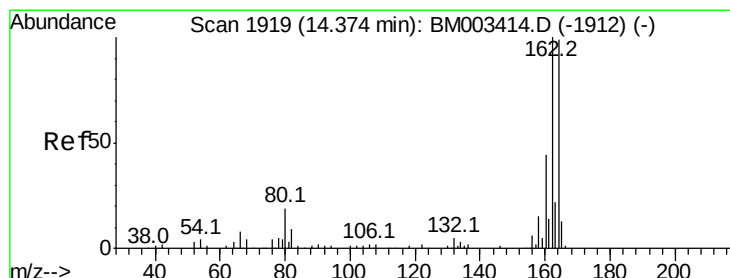
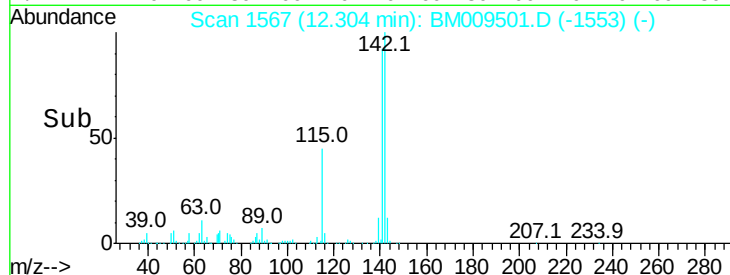
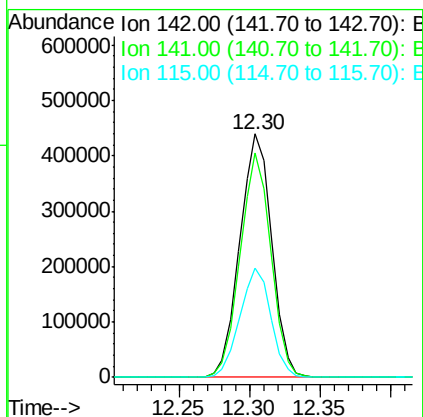
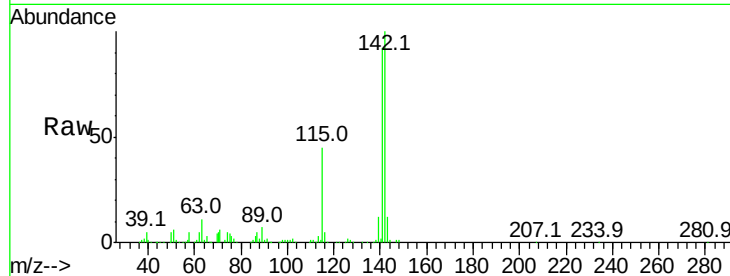




#37
2-Methylnaphthalene
Concen: 41.29 ng
RT: 12.30 min Scan# 1567
Delta R.T. -0.02 min
Lab File: BM009501.D
Acq: 03 Apr 2017 15:41

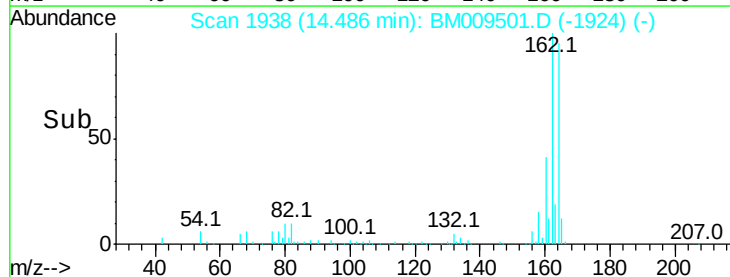
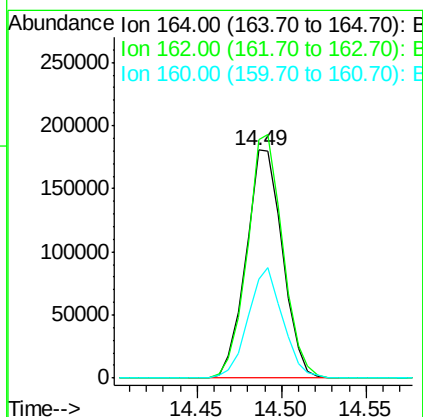
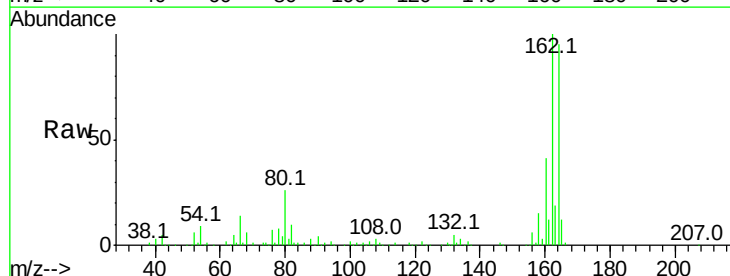
Instrument :
BNA_M
ClientSampleId :
PB97981BS

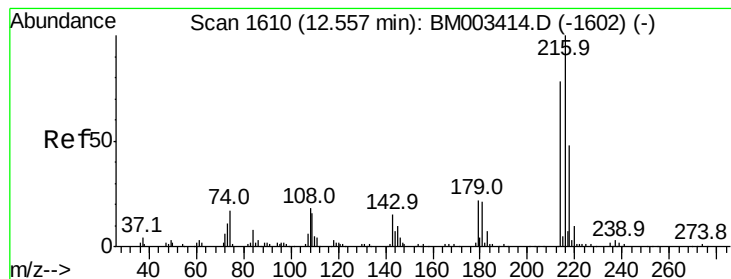
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.2	71.9	107.9
115	44.7	25.4	38.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.49 min Scan# 1938
Delta R.T. -0.02 min
Lab File: BM009501.D
Acq: 03 Apr 2017 15:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	82.4	123.6
160	43.4	35.8	53.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.63 ng

RT: 12.67 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

Instrument :

BNA_M

ClientSampleId :

PB97981BS

Tot Ion:216 Resp: 395316

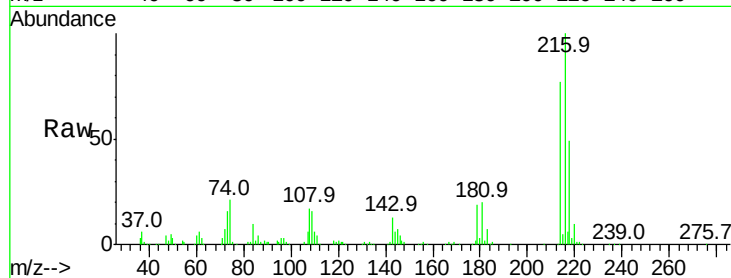
Ion Ratio Lower Upper

216 100

214 77.8 0.0 0.0#

179 20.2 0.0 0.0#

108 24.0 0.0 0.0#

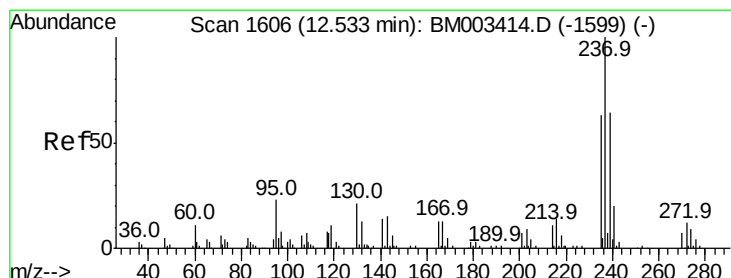
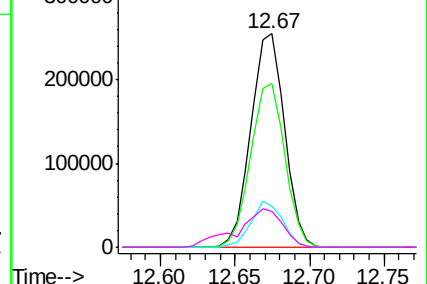
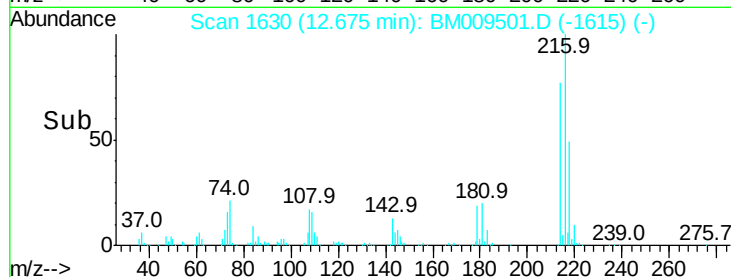


Abundance Ion 216.00 (215.70 to 216.70): E

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: 81.87 ng

RT: 12.65 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

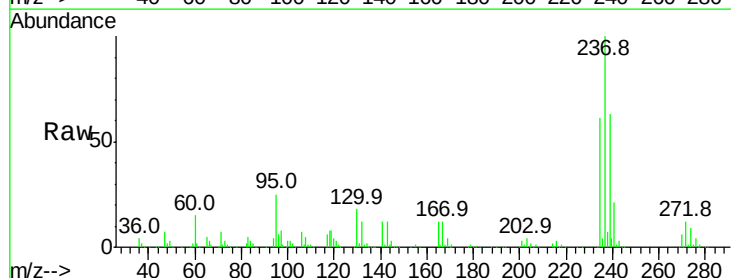
Tgt Ion:237 Resp: 480880

Ion Ratio Lower Upper

237 100

235 61.4 42.0 82.0

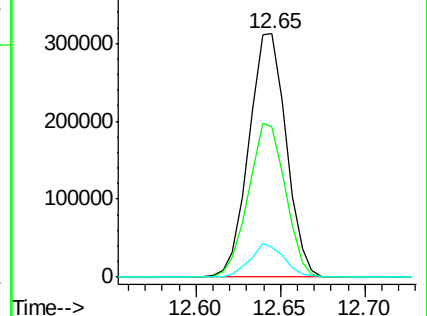
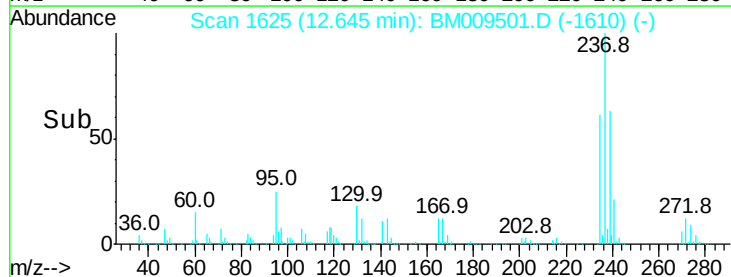
272 12.2 0.0 33.4

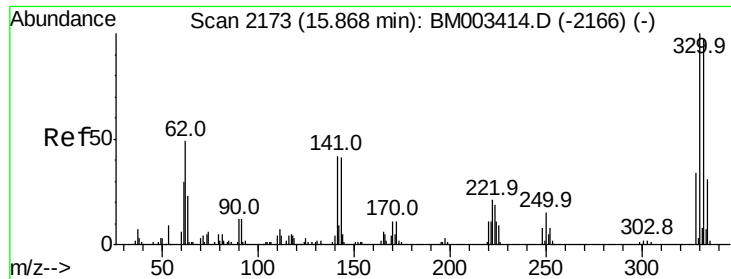


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

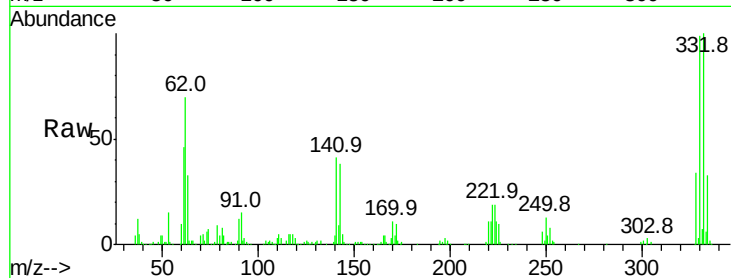




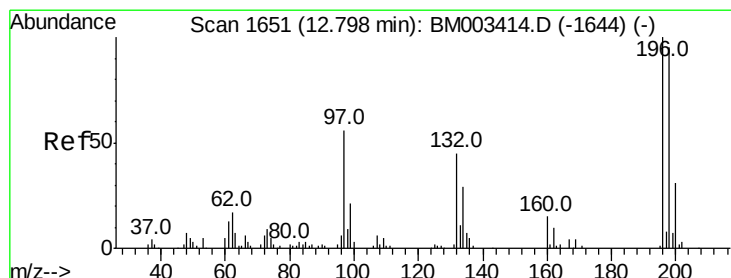
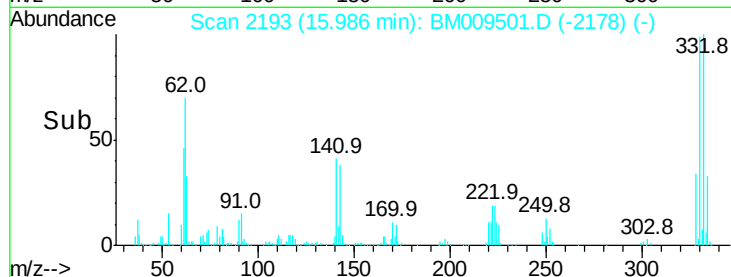
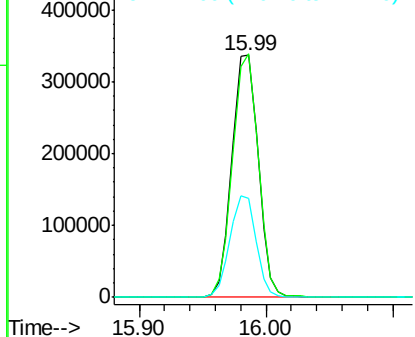
#41
 2,4,6-Tribromophenol
 Concen: 144.07 ng
 RT: 15.99 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BM009501.D
 Acq: 03 Apr 2017 15:41

Instrument :
 BNA_M
 ClientSampleId :
 PB97981BS

Tot Ion:330 Resp: 485116
 Ion Ratio Lower Upper
 330 100
 332 98.2 0.0 0.0#
 141 41.7 0.0 0.0#

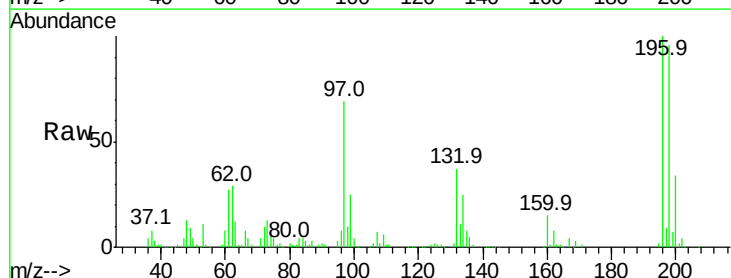


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

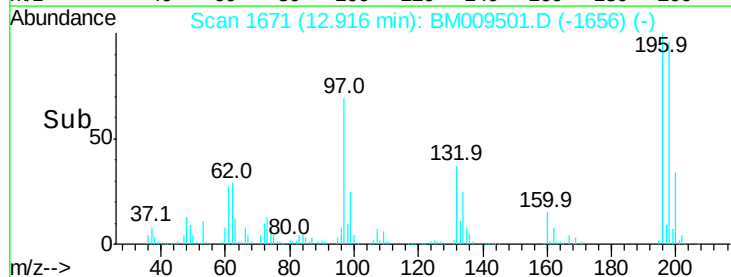
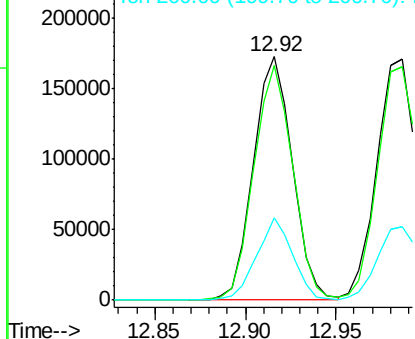


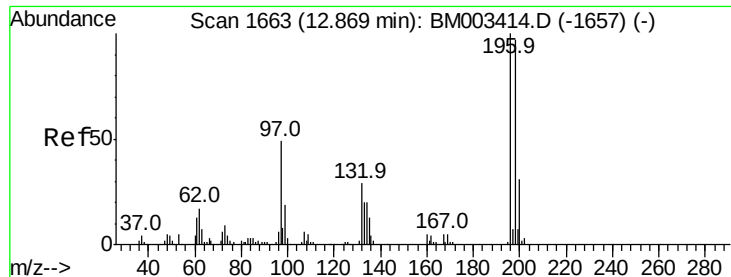
#42
 2,4,6-Trichlorophenol
 Concen: 44.19 ng
 RT: 12.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BM009501.D
 Acq: 03 Apr 2017 15:41

Tgt Ion:196 Resp: 258554
 Ion Ratio Lower Upper
 196 100
 198 96.2 76.3 114.5
 200 33.9 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

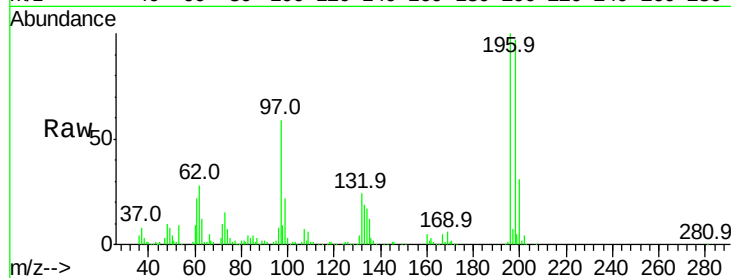




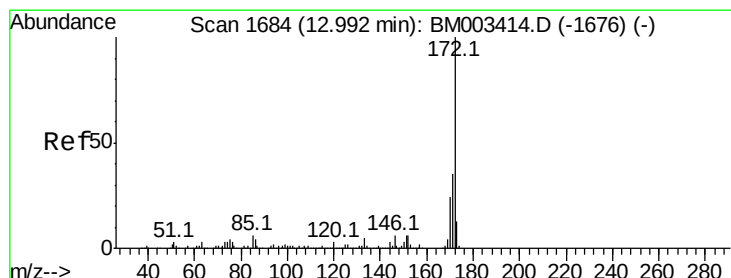
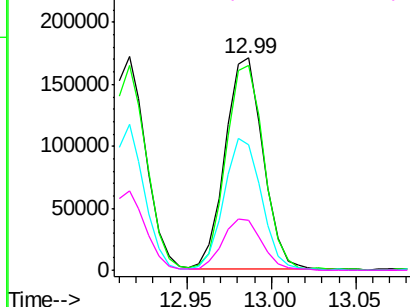
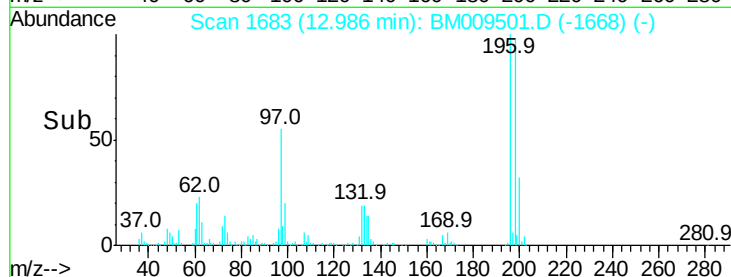
#43
 2,4,5-Trichlorophenol
 Concen: 40.48 ng
 RT: 12.99 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BM009501.D
 Acq: 03 Apr 2017 15:41

Instrument :
 BNA_M
 ClientSampleId :
 PB97981BS

Tot Ion:196 Resp: 264306
 Ion Ratio Lower Upper
 196 100
 198 96.6 79.4 119.0
 97 59.4 26.8 40.2#
 132 23.7 18.6 28.0

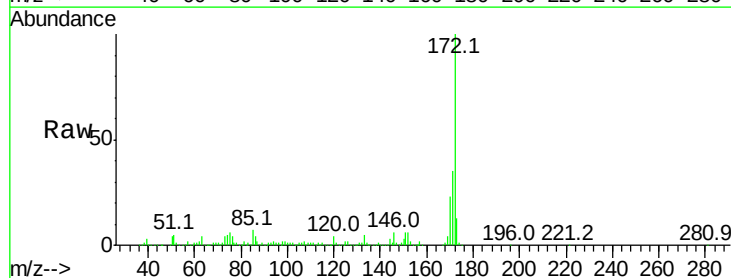


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BM
 Ion 132.00 (131.70 to 132.70): E

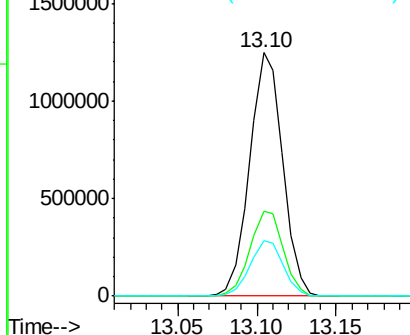
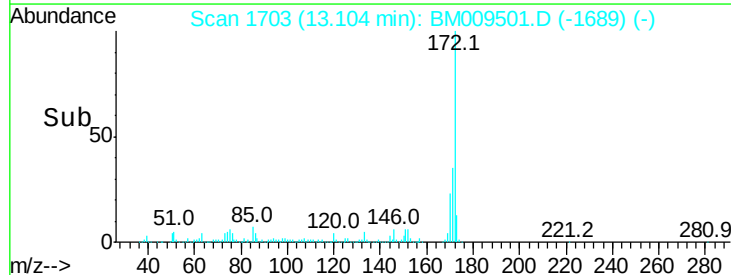


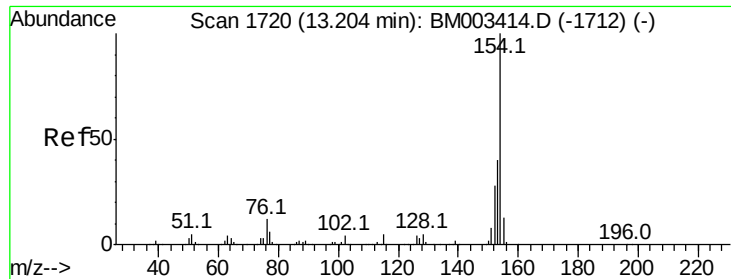
#44
 2-Fluorobiphenyl
 Concen: 80.34 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BM009501.D
 Acq: 03 Apr 2017 15:41

Tgt Ion:172 Resp: 1807122
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.5 42.7
 170 22.6 18.8 28.2



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





#45

1,1'-Biphenyl

Concen: 39.85 ng

RT: 13.32 min Scan# 1740

Delta R.T. -0.01 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

Instrument :

BNA_M

ClientSampleId :

PB97981BS

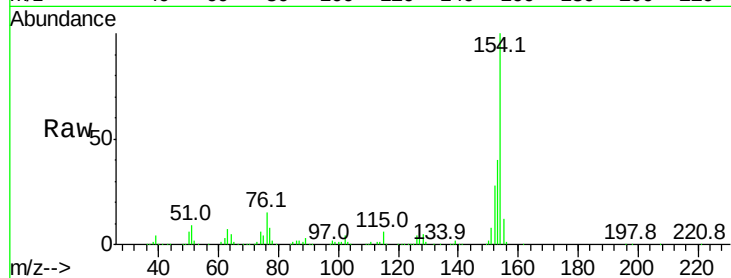
Tot Ion:154 Resp: 898968

Ion Ratio Lower Upper

154 100

153 40.5 20.7 60.7

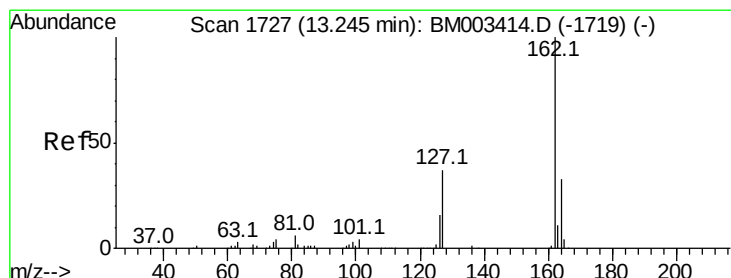
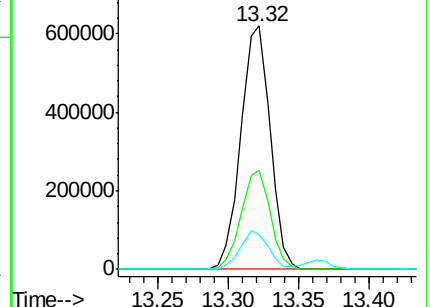
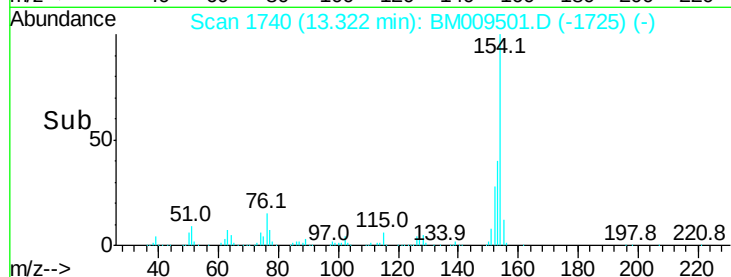
76 14.6 0.0 30.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#46

2-Chloronaphthalene

Concen: 40.94 ng

RT: 13.36 min Scan# 1747

Delta R.T. -0.02 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

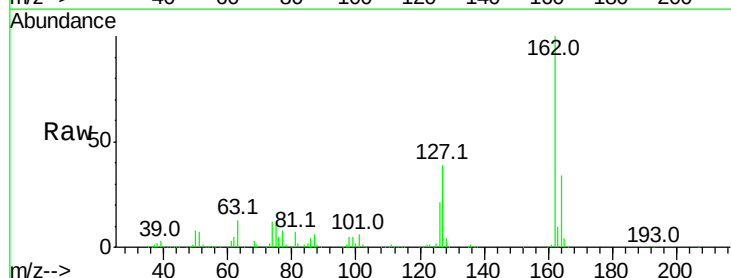
Tgt Ion:162 Resp: 717397

Ion Ratio Lower Upper

162 100

127 38.6 26.9 40.3

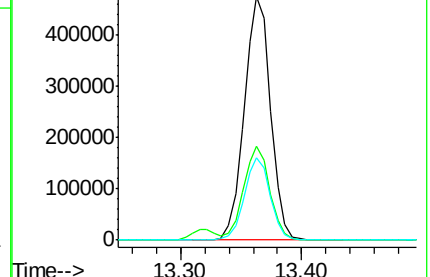
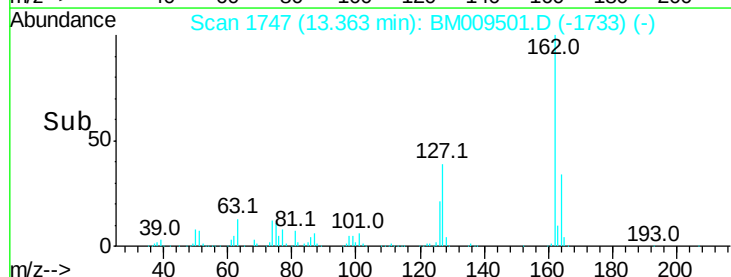
164 33.7 26.8 40.2

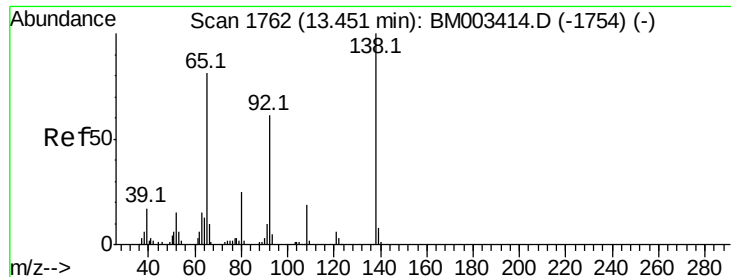


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 43.96 ng

RT: 13.57 min Scan# 1783

Delta R.T. -0.02 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

Instrument :

BNA_M

ClientSampleId :

PB97981BS

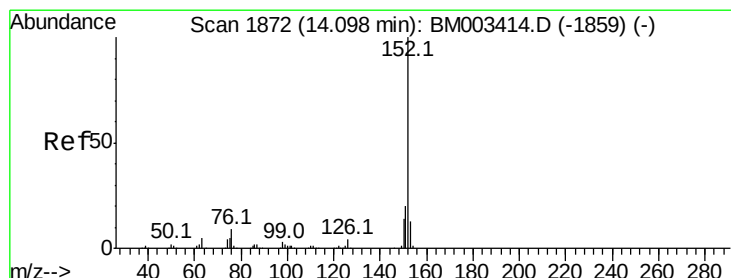
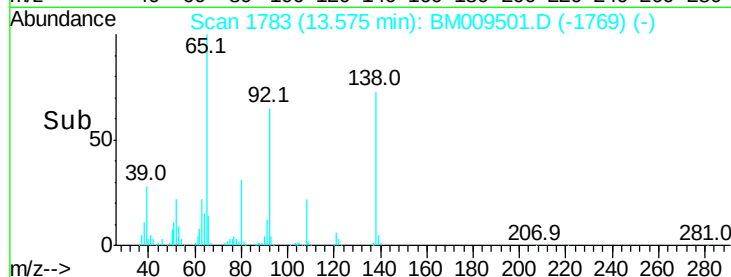
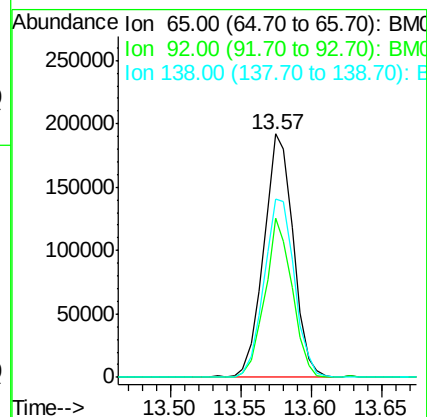
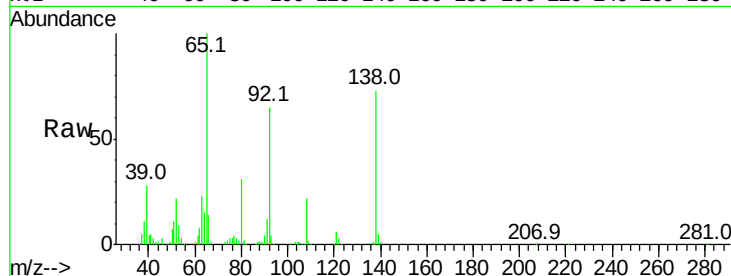
Tot Ion: 65 Resp: 283809

Ion Ratio Lower Upper

65 100

92 65.4 59.1 88.7

138 73.2 93.9 140.9#



#48

Acenaphthylene

Concen: 40.21 ng

RT: 14.22 min Scan# 1892

Delta R.T. -0.01 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

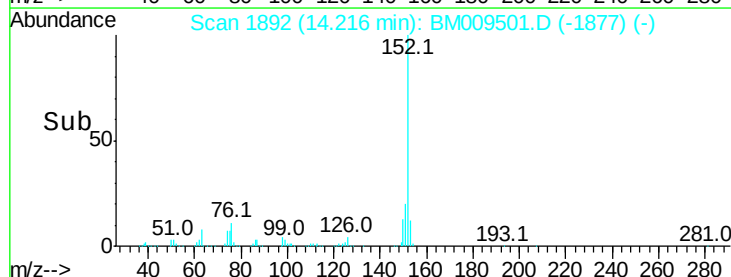
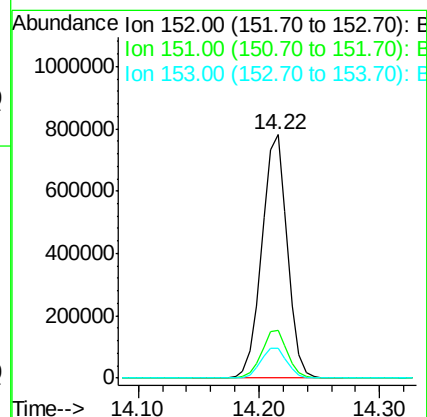
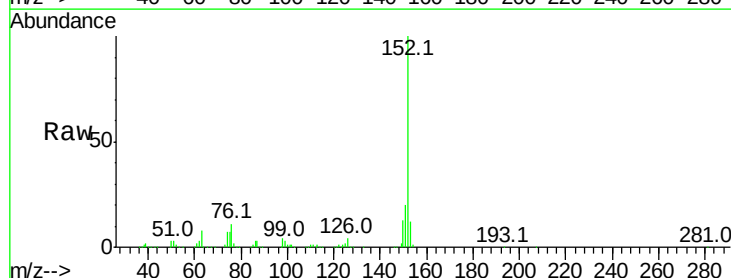
Tgt Ion: 152 Resp: 1147681

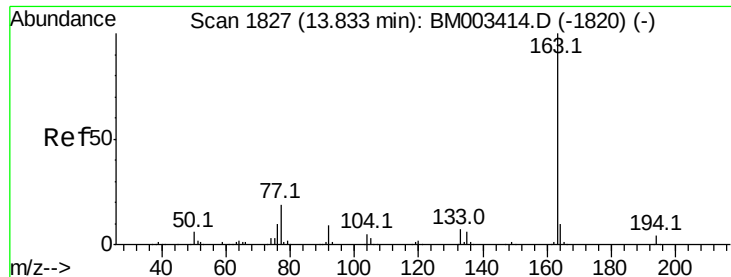
Ion Ratio Lower Upper

152 100

151 19.7 15.9 23.9

153 12.2 10.6 16.0





#49

Dimethylphthalate

Concen: 43.79 ng

RT: 13.95 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

Instrument :

BNA_M

ClientSampled :

PB97981BS

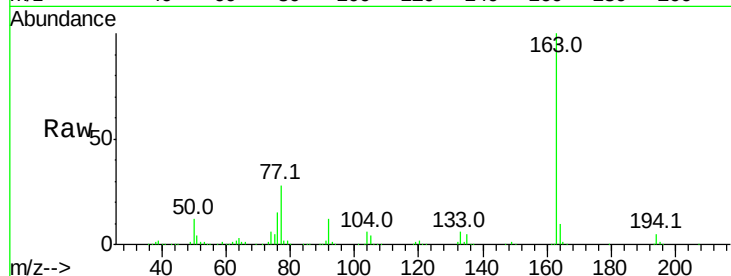
Tot Ion:163 Resp: 911399

Ion Ratio Lower Upper

163 100

194 4.6 2.7 4.1#

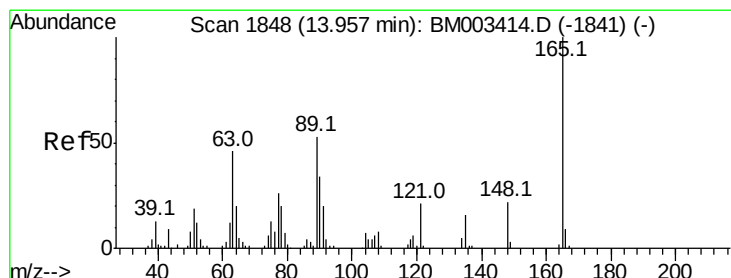
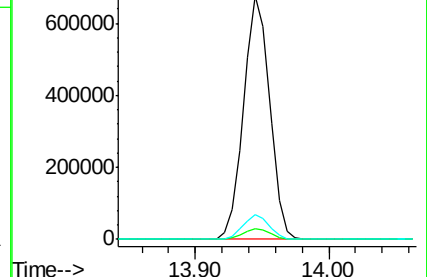
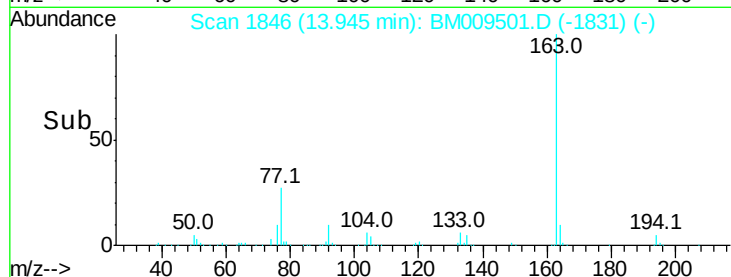
164 10.2 8.2 12.2



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: 44.04 ng

RT: 14.07 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

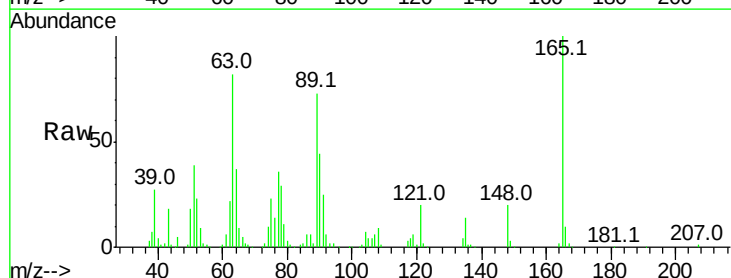
Tgt Ion:165 Resp: 197503

Ion Ratio Lower Upper

165 100

63 82.3 44.1 66.1#

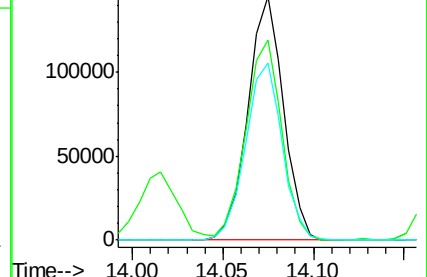
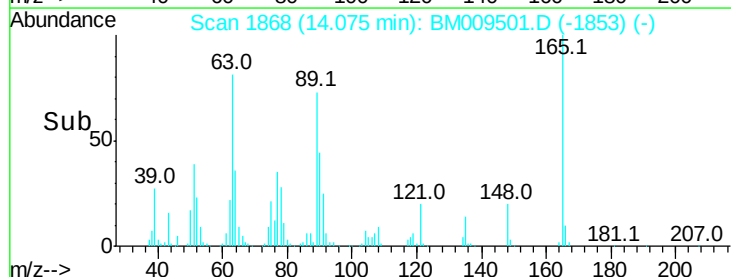
89 72.8 44.3 66.5#

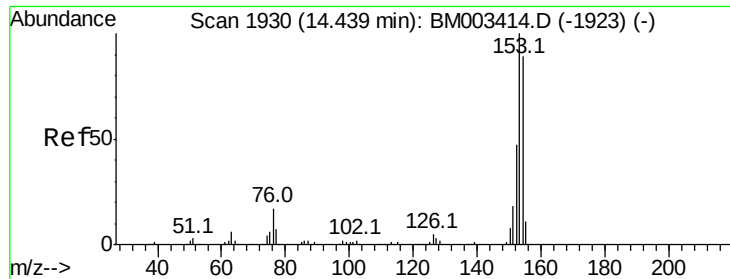


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM





#51

Acenaphthene

Concen: 40.71 ng

RT: 14.56 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

Instrument :

BNA_M

ClientSampleId :

PB97981BS

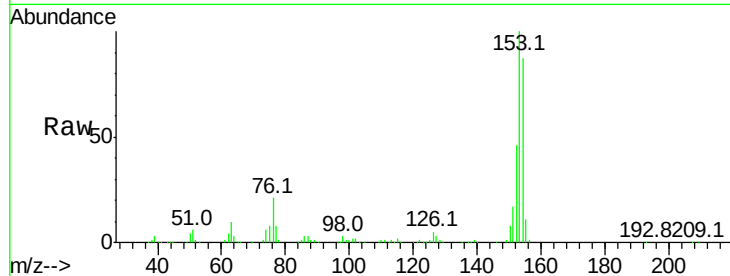
Tot Ion:154 Resp: 700977

Ion Ratio Lower Upper

154 100

153 114.4 90.0 135.0

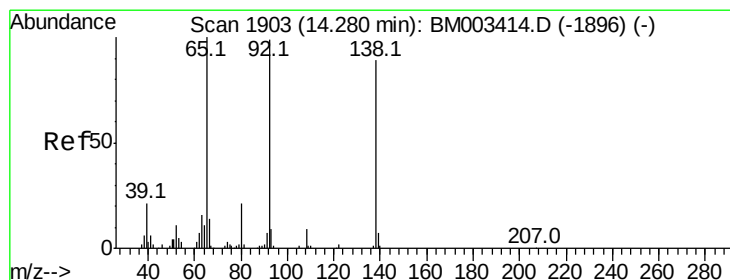
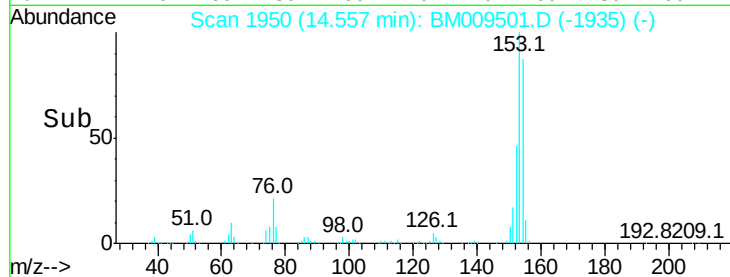
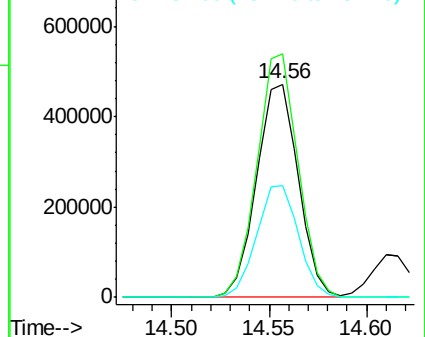
152 52.2 42.6 63.8



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: 23.02 ng

RT: 14.40 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

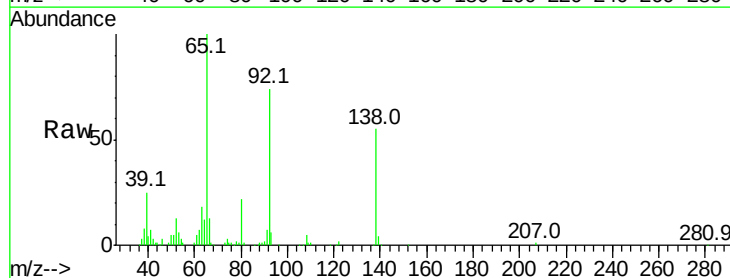
Tgt Ion:138 Resp: 101731

Ion Ratio Lower Upper

138 100

108 9.2 7.3 10.9

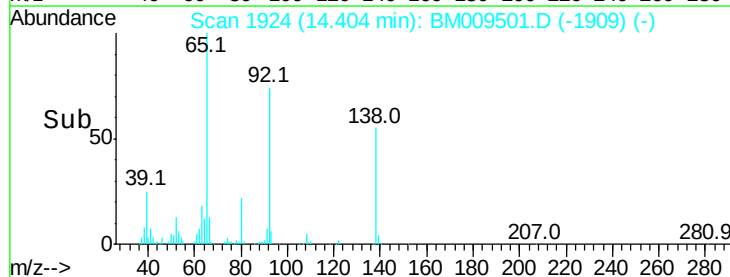
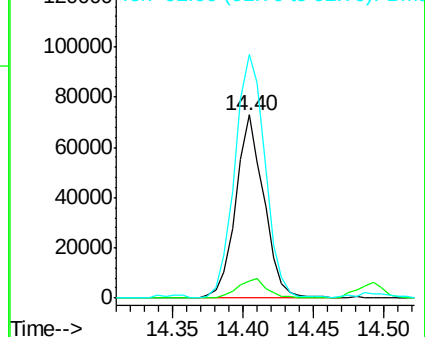
92 133.1 76.6 114.8#

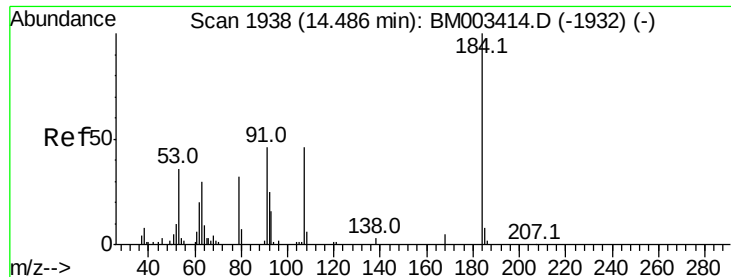


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

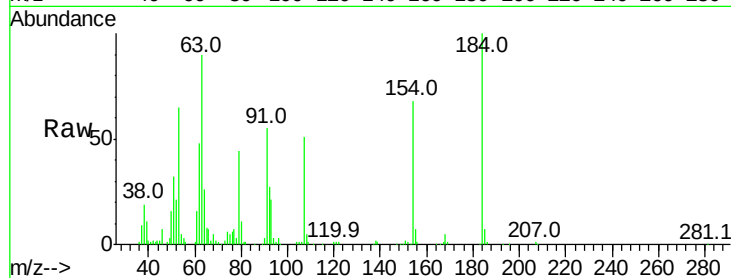




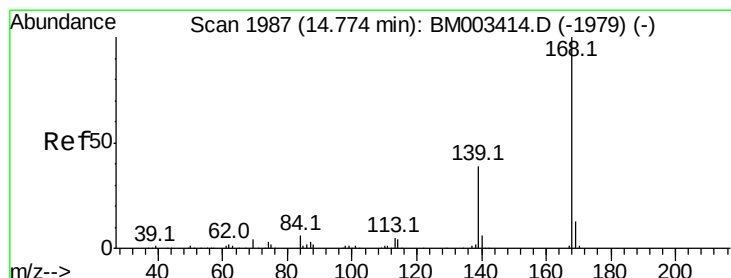
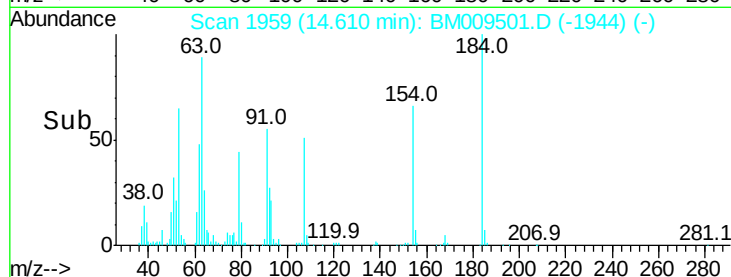
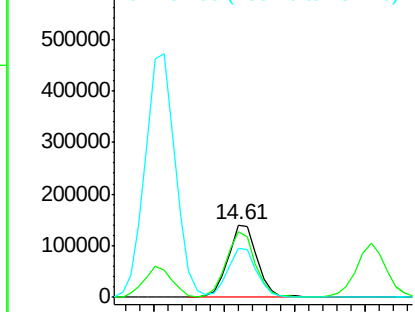
#53
 2,4-Dinitrophenol
 Concen: 67.87 ng
 RT: 14.61 min Scan# 1959
 Delta R.T. -0.01 min
 Lab File: BM009501.D
 Acq: 03 Apr 2017 15:41

Instrument :
 BNA_M
 ClientSampleId :
 PB97981BS

Tot Ion:184 Resp: 202599
 Ion Ratio Lower Upper
 184 100
 63 89.6 69.2 103.8
 154 67.5 53.3 79.9

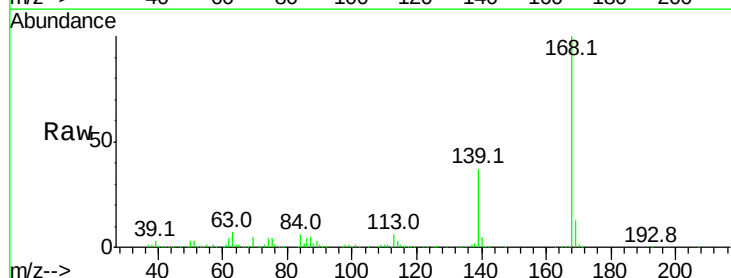


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): E
 Ion 154.00 (153.70 to 154.70): E

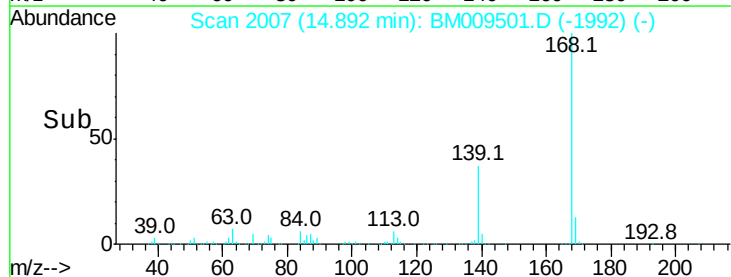
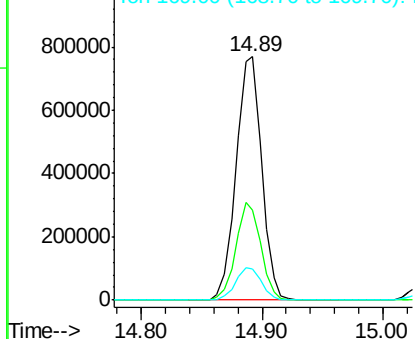


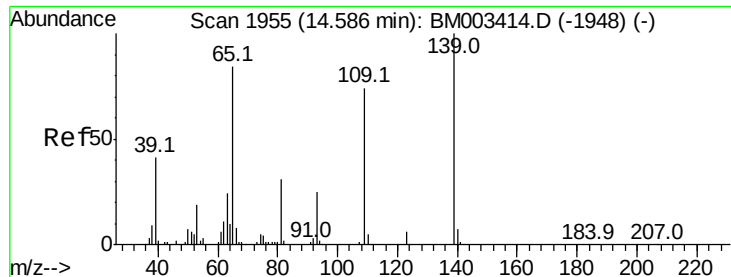
#54
 Dibenzofuran
 Concen: 44.60 ng
 RT: 14.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BM009501.D
 Acq: 03 Apr 2017 15:41

Tgt Ion:168 Resp: 1135782
 Ion Ratio Lower Upper
 168 100
 139 36.9 27.3 40.9
 169 12.9 10.6 16.0



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

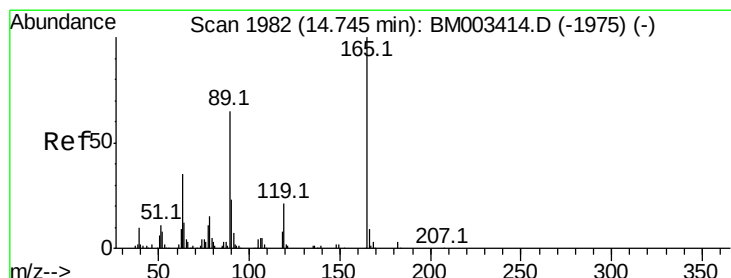
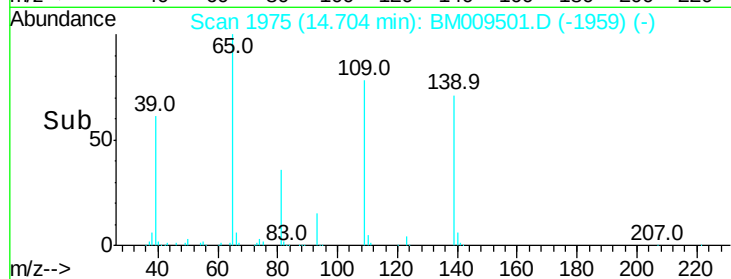
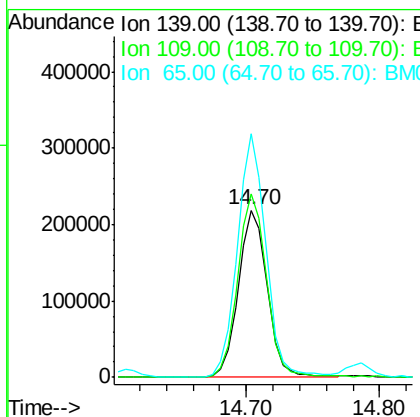
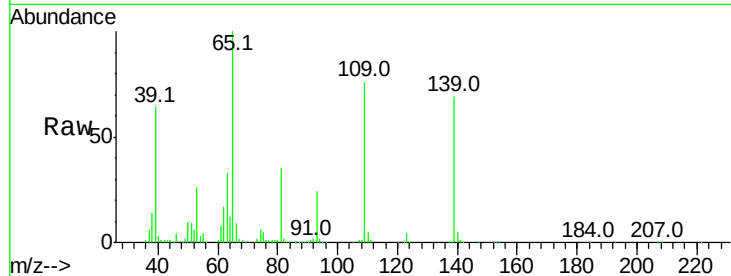




#55
4-Nitrophenol
Concen: 89.79 ng
RT: 14.70 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BM009501.D
Acq: 03 Apr 2017 15:41

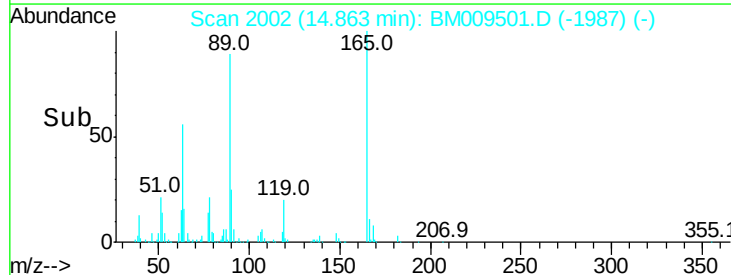
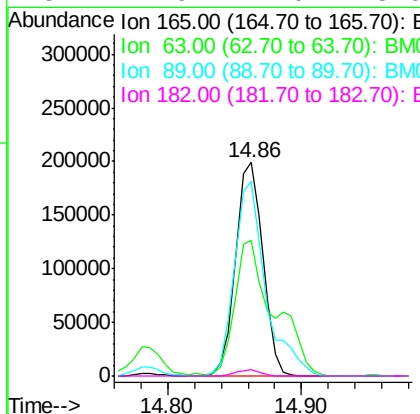
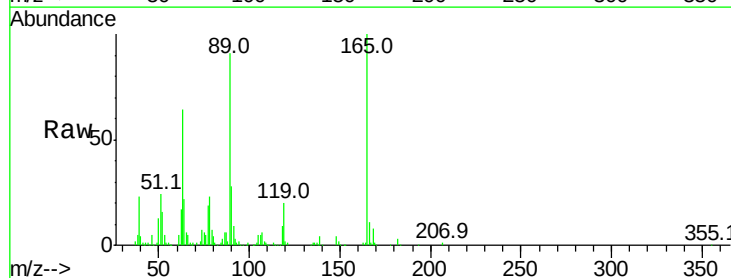
Instrument :
BNA_M
ClientSampleId :
PB97981BS

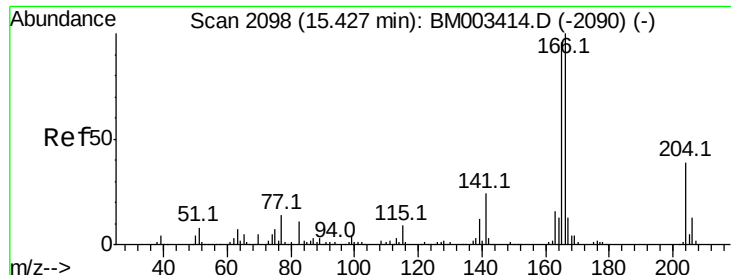
Tot Ion:139 Resp: 327923
Ion Ratio Lower Upper
139 100
109 110.1 37.7 77.7#
65 145.7 49.9 89.9#



#56
2,4-Dinitrotoluene
Concen: 46.53 ng
RT: 14.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BM009501.D
Acq: 03 Apr 2017 15:41

Tgt Ion:165 Resp: 282293
Ion Ratio Lower Upper
165 100
63 63.6 52.4 78.6
89 91.4 72.4 108.6
182 2.9 2.0 3.0

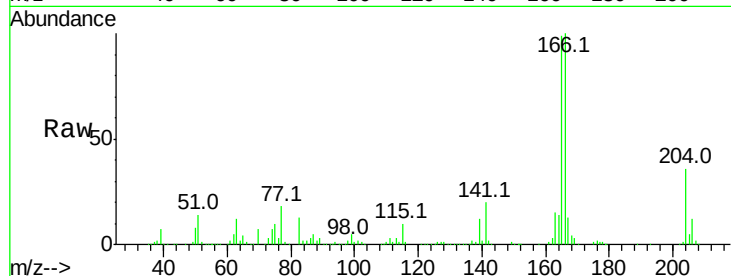




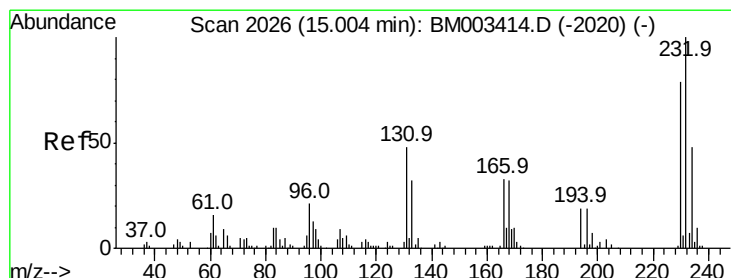
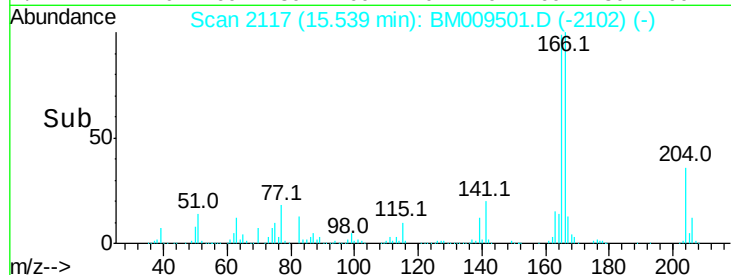
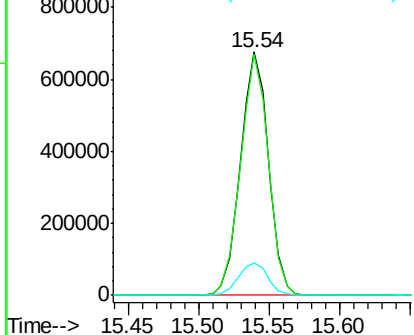
#57
Fluorene
 Concen: 40.89 ng
 RT: 15.54 min Scan# 2117
 Delta R.T. -0.01 min
 Lab File: BM009501.D
 Acq: 03 Apr 2017 15:41

Instrument :
 BNA_M
 ClientSampleId :
 PB97981BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.0	118.4
167	13.4	10.3	15.5

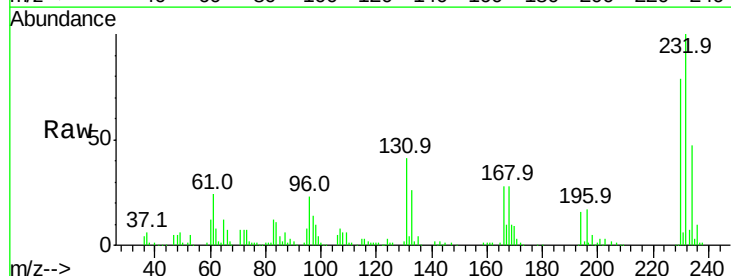


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

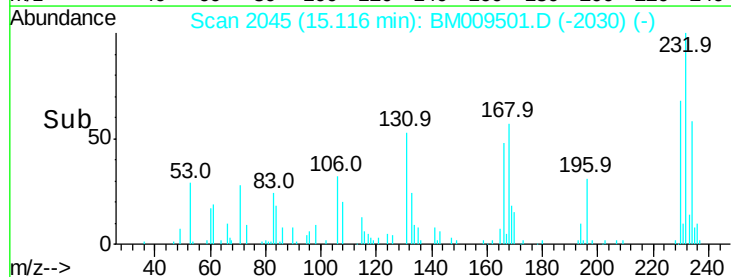
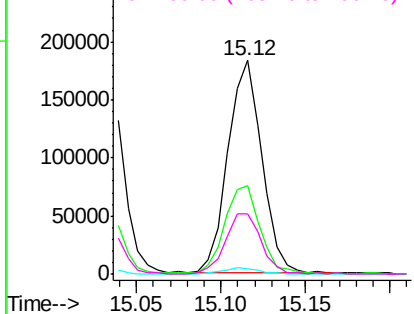


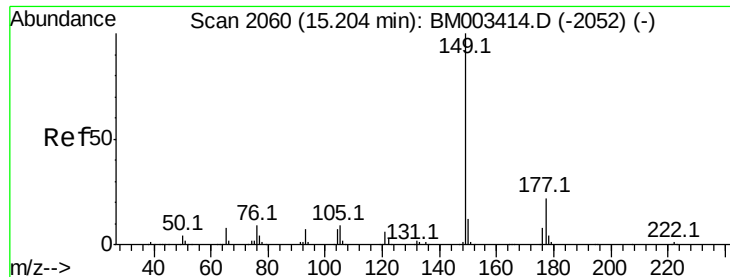
#58
2,3,4,6-Tetrachlorophenol
 Concen: 46.52 ng
 RT: 15.12 min Scan# 2045
 Delta R.T. -0.01 min
 Lab File: BM009501.D
 Acq: 03 Apr 2017 15:41

Tgt Ion	Ratio	Lower	Upper
232	100		
131	43.8	0.0	0.0#
130	2.9	0.0	0.0#
166	30.0	0.0	0.0#



Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

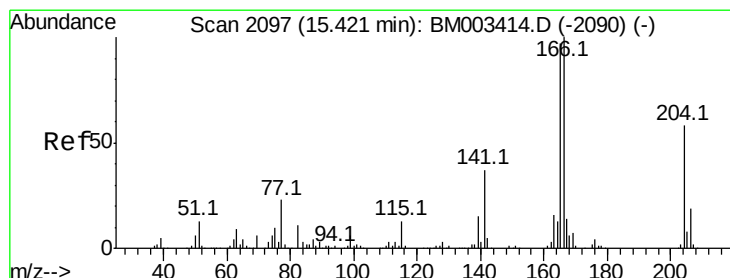
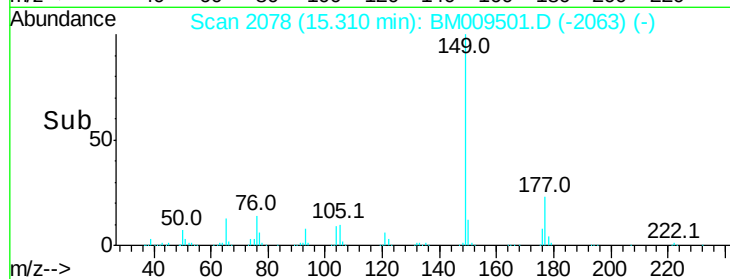
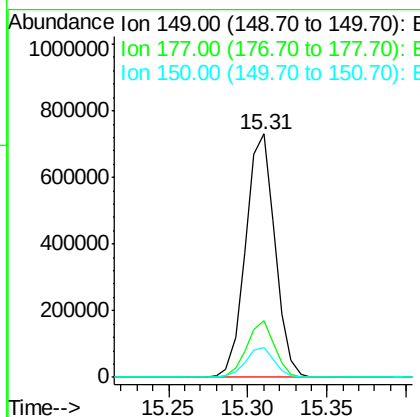
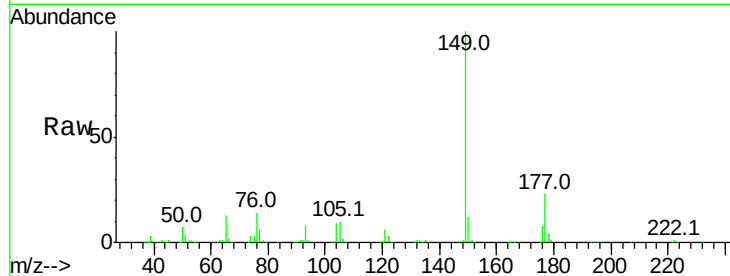




#59
Diethylphthalate
Concen: 44.32 ng
RT: 15.31 min Scan# 2078
Delta R.T. -0.01 min
Lab File: BM009501.D
Acq: 03 Apr 2017 15:41

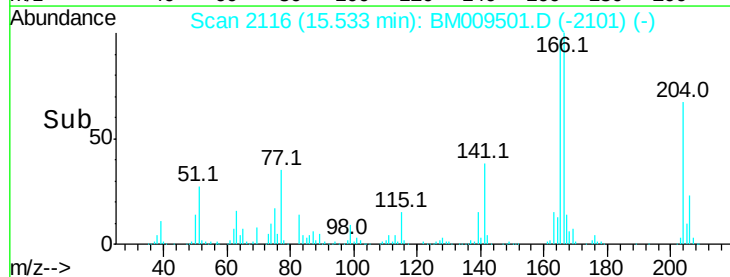
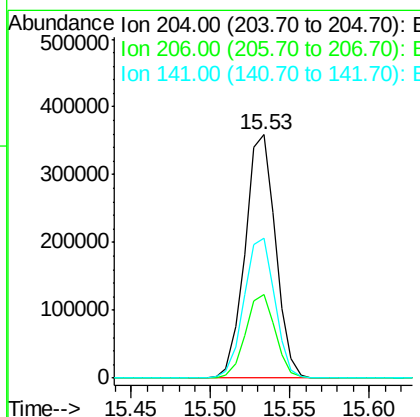
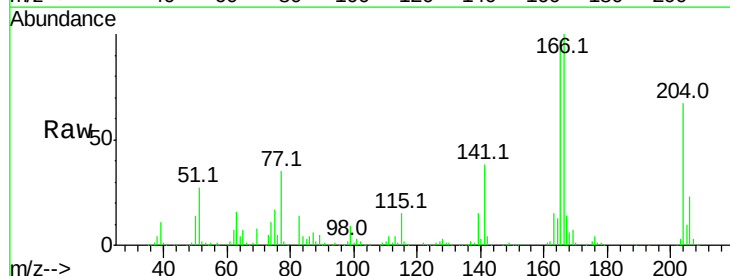
Instrument :
BNA_M
ClientSampleId :
PB97981BS

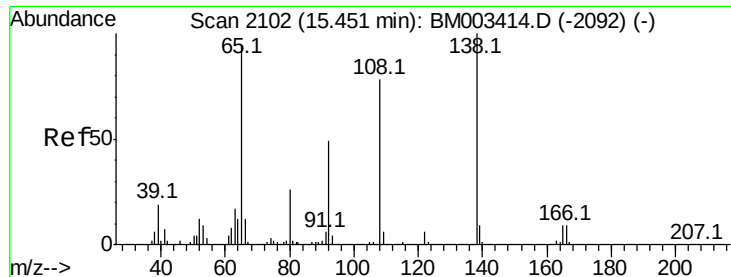
Tot Ion:149 Resp: 935612
Ion Ratio Lower Upper
149 100
177 23.4 18.3 27.5
150 12.1 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 40.07 ng
RT: 15.53 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BM009501.D
Acq: 03 Apr 2017 15:41

Tgt Ion:204 Resp: 478854
Ion Ratio Lower Upper
204 100
206 34.4 26.6 39.8
141 57.3 45.2 67.8

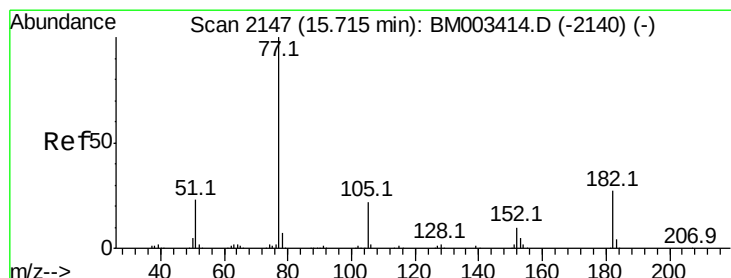
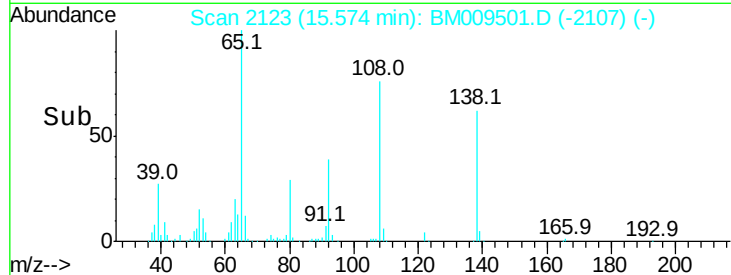
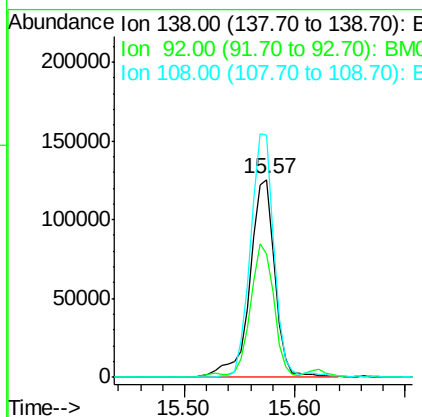
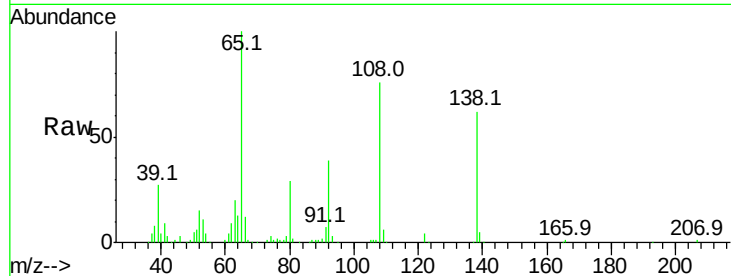




#61
 4-Nitroaniline
 Concen: 41.84 ng
 RT: 15.57 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BM009501.D
 Acq: 03 Apr 2017 15:41

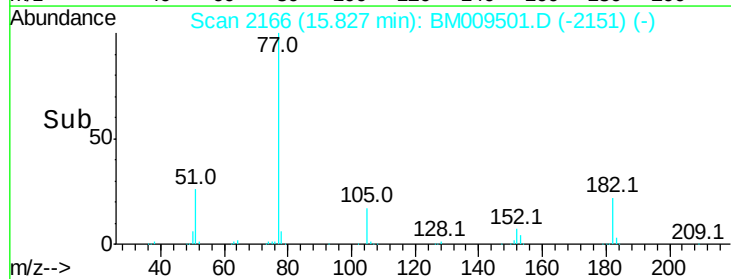
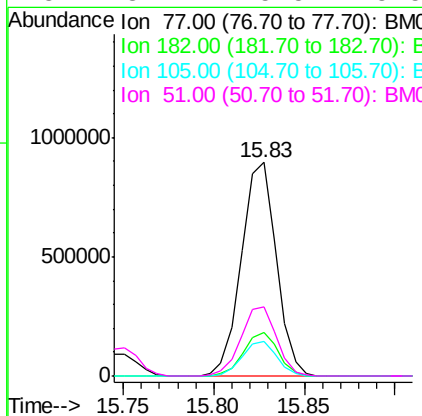
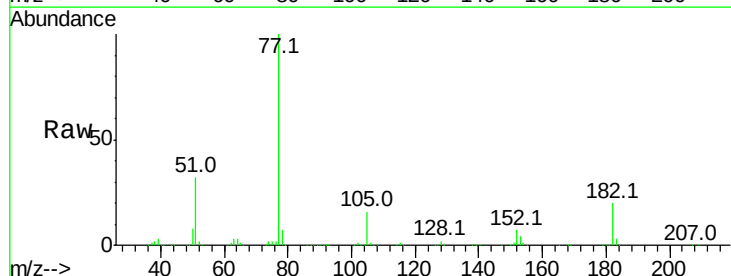
Instrument :
 BNA_M
 ClientSampleId :
 PB97981BS

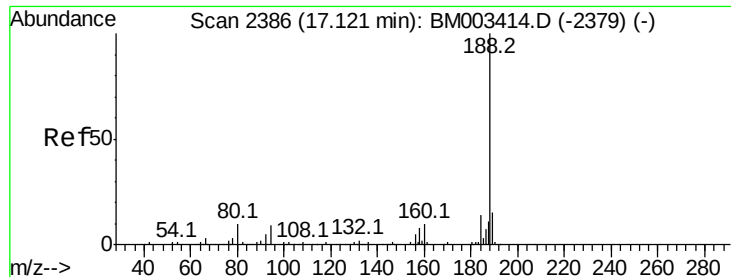
Tot Ion:138 Resp: 200805
 Ion Ratio Lower Upper
 138 100
 92 62.4 16.7 56.7#
 108 122.4 37.6 77.6#



#62
 Azobenzene
 Concen: 48.75 ng
 RT: 15.83 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BM009501.D
 Acq: 03 Apr 2017 15:41

Tgt Ion: 77 Resp: 1201538
 Ion Ratio Lower Upper
 77 100
 182 20.3 6.5 46.5
 105 16.0 3.8 43.8
 51 32.4 5.5 45.5

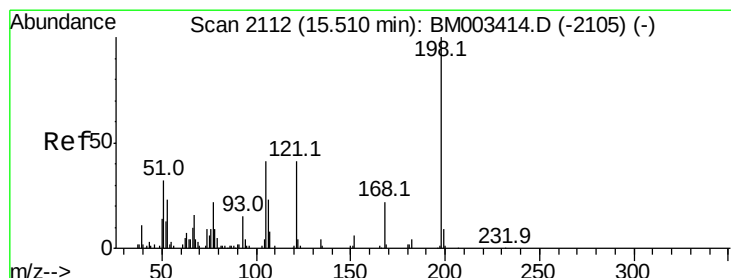
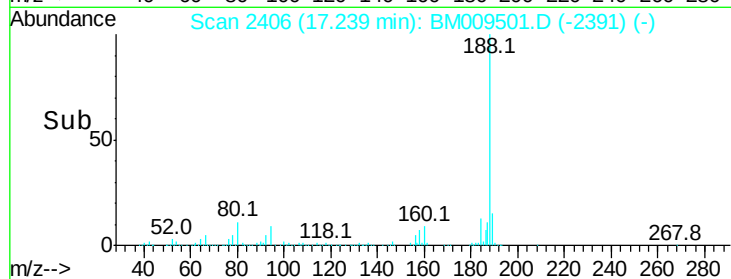
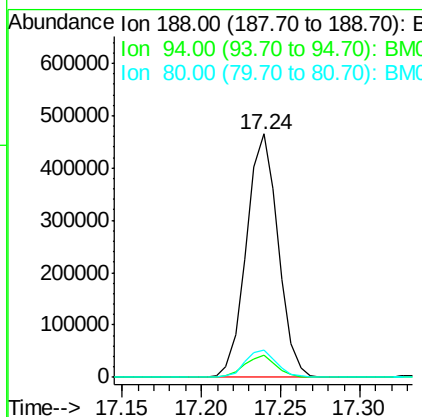
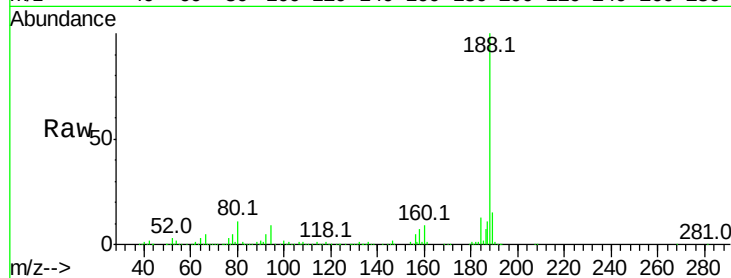




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.24 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BM009501.D
Acq: 03 Apr 2017 15:41

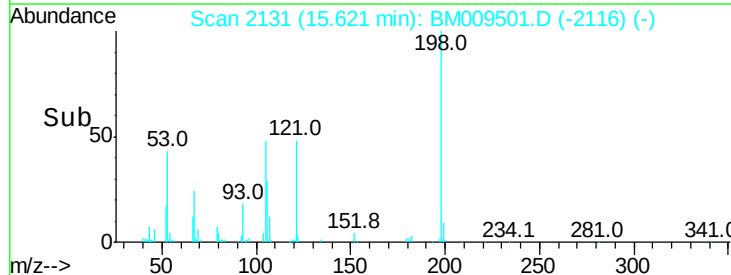
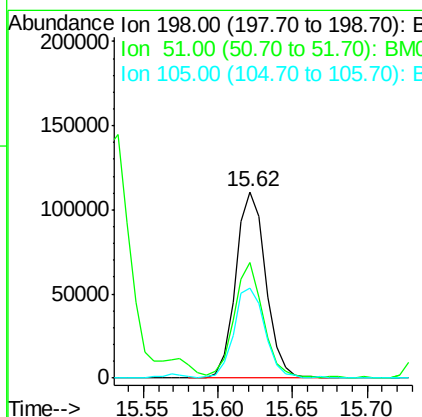
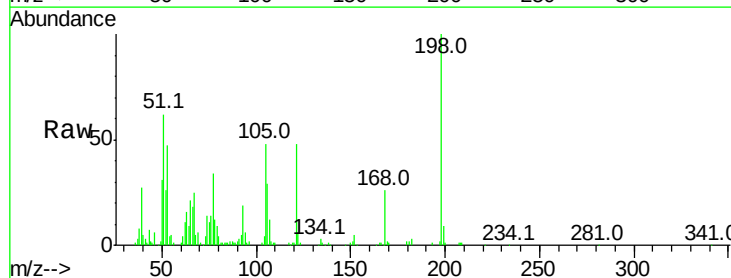
Instrument :
BNA_M
ClientSampleId :
PB97981BS

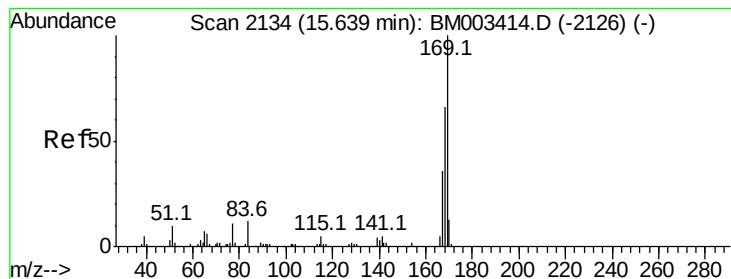
Tot Ion:188 Resp: 645955
Ion Ratio Lower Upper
188 100
94 9.0 8.7 13.1
80 11.3 9.3 13.9



#64
4,6-Dinitro-2-methylphenol
Concen: 38.09 ng
RT: 15.62 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BM009501.D
Acq: 03 Apr 2017 15:41

Tgt Ion:198 Resp: 155016
Ion Ratio Lower Upper
198 100
51 61.8 28.8 68.8
105 48.3 30.5 70.5





#65

n-Nitrosodiphenylamine

Concen: 41.20 ng

RT: 15.75 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

Instrument :

BNA_M

ClientSampleId :

PB97981BS

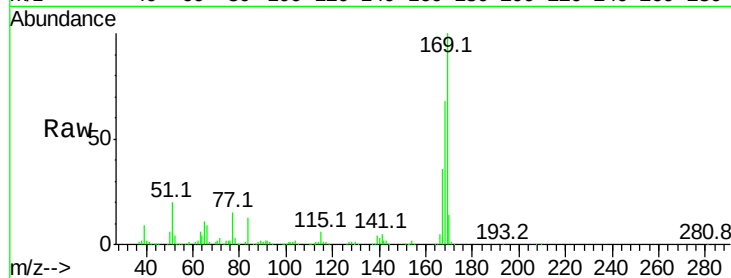
Tot Ion:169 Resp: 808479

Ion Ratio Lower Upper

169 100

168 68.0 53.9 80.9

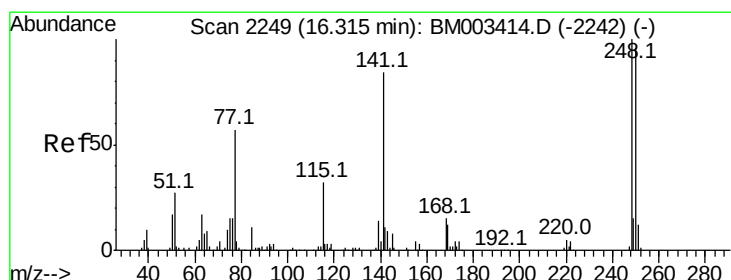
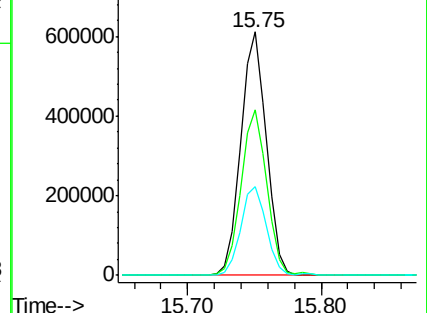
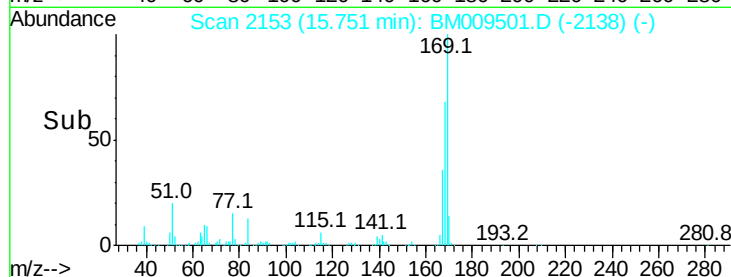
167 36.2 28.9 43.3



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: 40.22 ng

RT: 16.43 min Scan# 2268

Delta R.T. -0.01 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

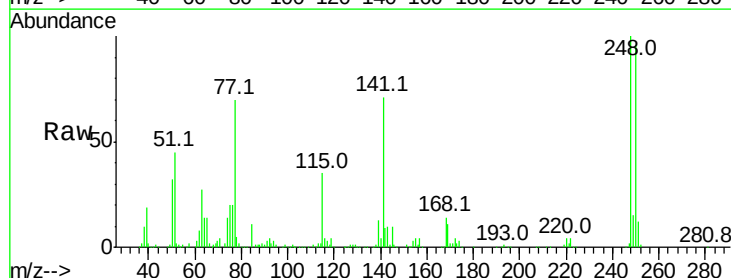
Tgt Ion:248 Resp: 301018

Ion Ratio Lower Upper

248 100

250 96.0 77.4 116.0

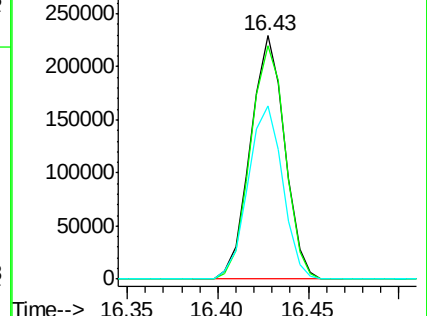
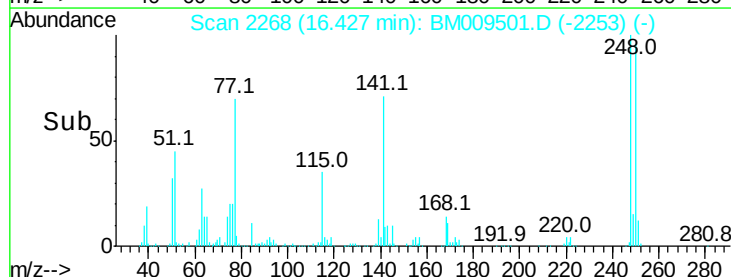
141 71.2 45.2 67.8#

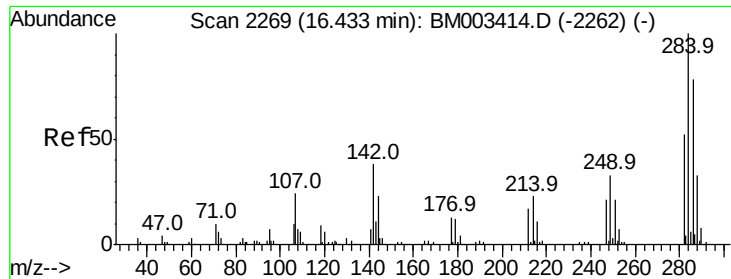


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

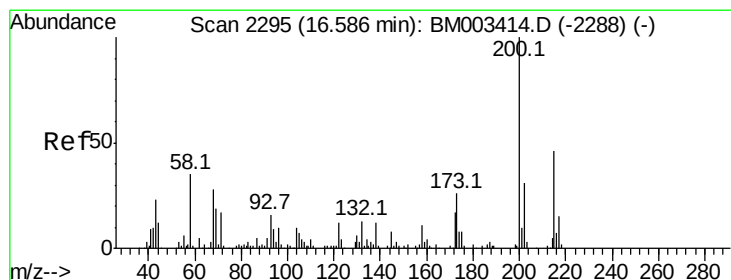
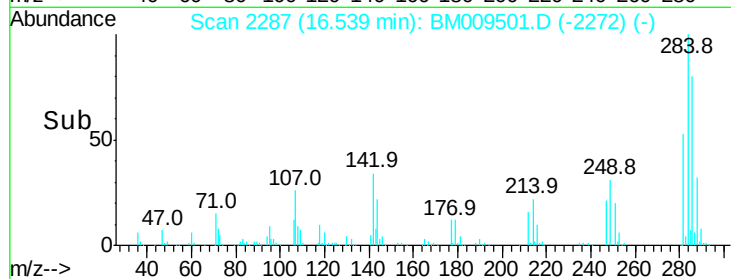
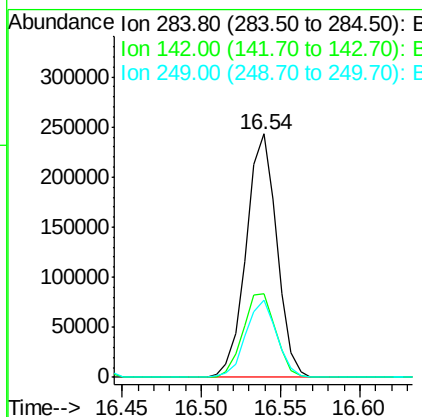
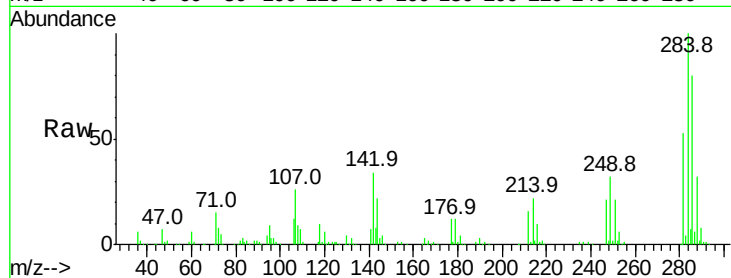




#67
Hexachlorobenzene
Concen: 39.81 ng
RT: 16.54 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BM009501.D
Acq: 03 Apr 2017 15:41

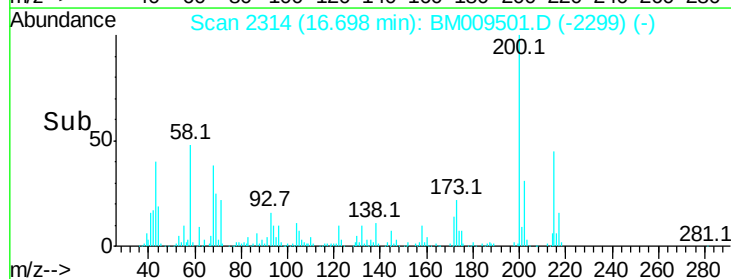
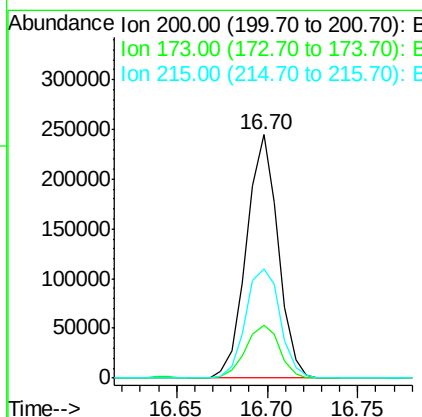
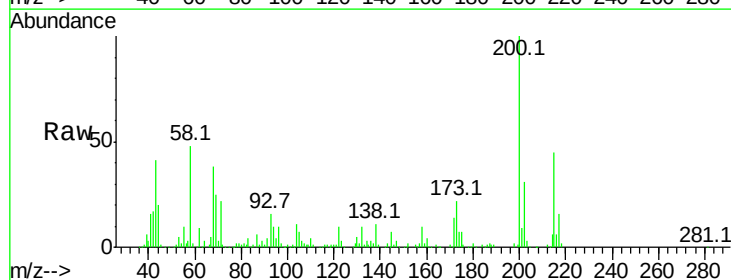
Instrument :
BNA_M
ClientSampleId :
PB97981BS

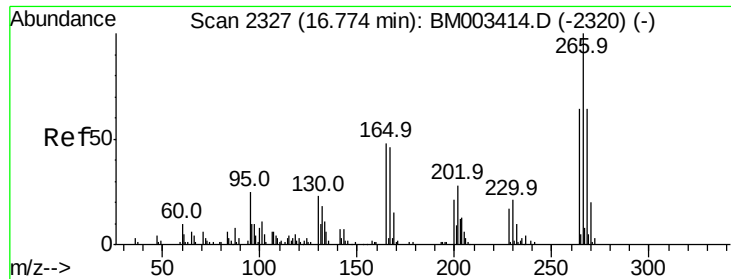
Tot Ion	Ratio	Lower	Upper
284	100		
142	34.2	20.4	30.6
249	31.6	23.8	35.6



#68
Atrazine
Concen: 40.15 ng
RT: 16.70 min Scan# 2314
Delta R.T. -0.01 min
Lab File: BM009501.D
Acq: 03 Apr 2017 15:41

Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.0	4.8	44.8
215	44.6	26.9	66.9

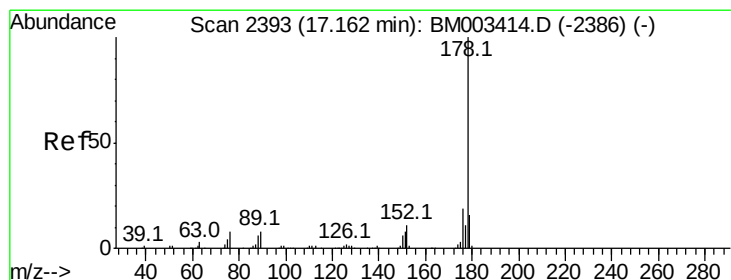
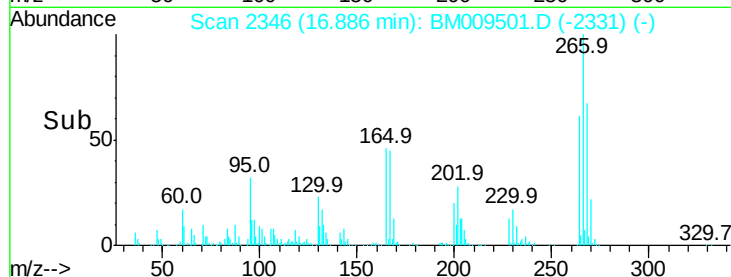
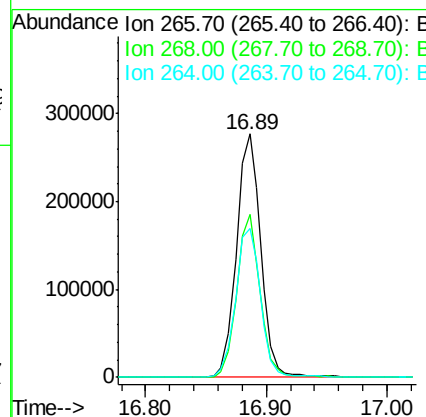
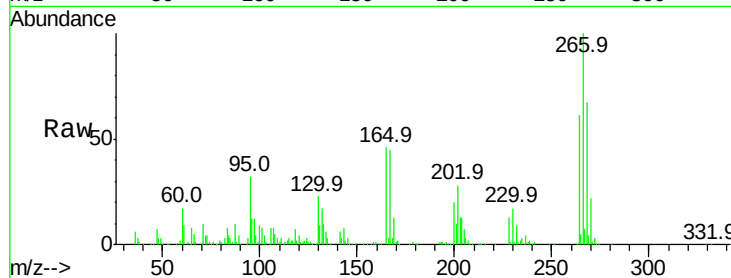




#69
 Pentachlorophenol
 Concen: 77.77 ng
 RT: 16.89 min Scan# 2346
 Delta R.T. -0.01 min
 Lab File: BM009501.D
 Acq: 03 Apr 2017 15:41

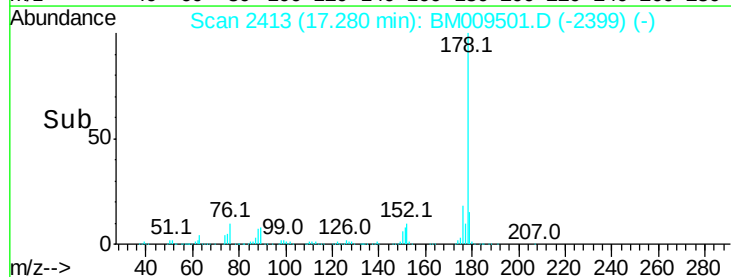
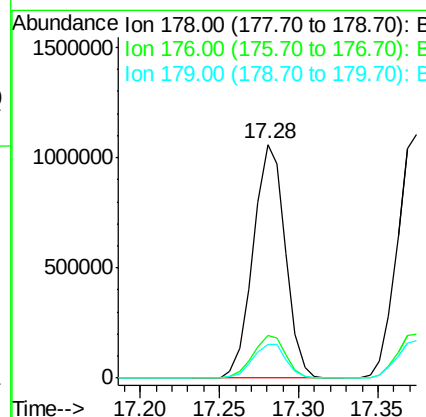
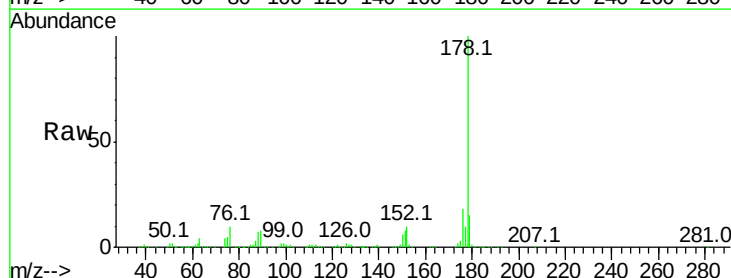
Instrument :
 BNA_M
 ClientSampleId :
 PB97981BS

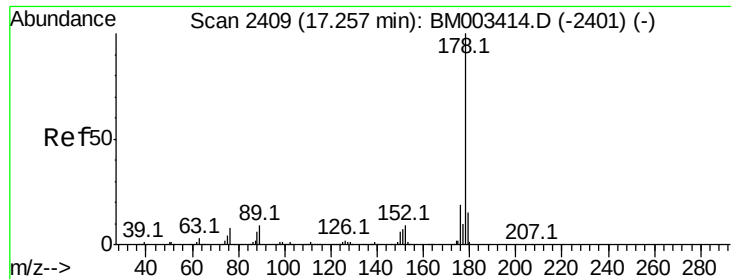
Tot Ion	Ratio	Lower	Upper
266	100		
268	67.2	52.0	78.0
264	61.2	49.0	73.4



#70
 Phenanthrene
 Concen: 40.44 ng
 RT: 17.28 min Scan# 2413
 Delta R.T. -0.02 min
 Lab File: BM009501.D
 Acq: 03 Apr 2017 15:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.2	22.8
179	14.6	12.1	18.1





#71

Anthracene

Concen: 41.34 ng

RT: 17.37 min Scan# 2429

Delta R.T. -0.01 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

Instrument :

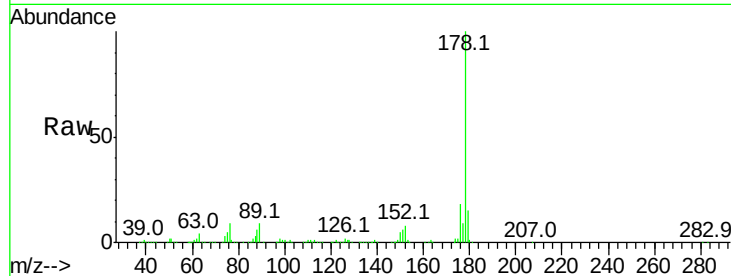
BNA_M

ClientSampleId :

PB97981BS

Tot Ion:178 Resp: 1545876

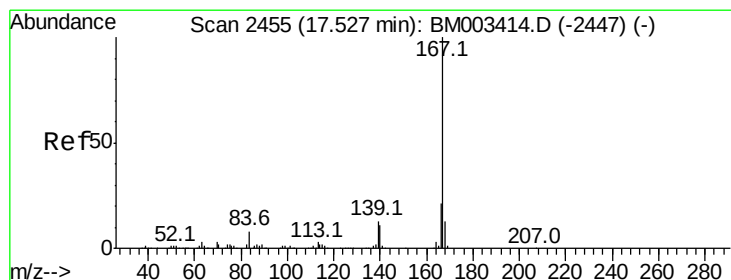
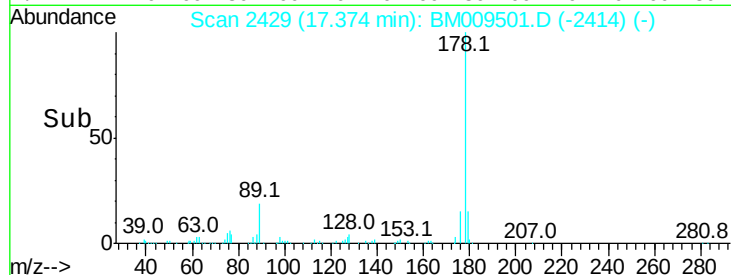
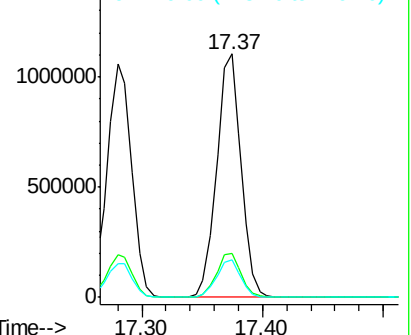
Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	22.0
179	15.4	12.6	19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.75 ng

RT: 17.64 min Scan# 2475

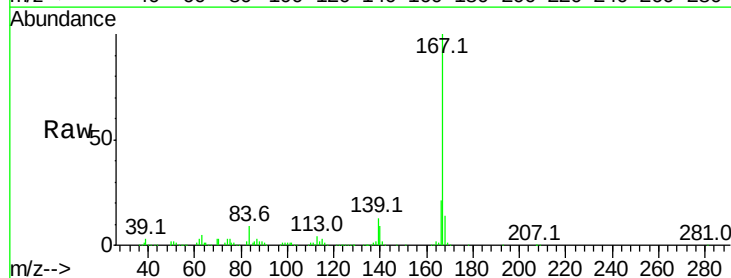
Delta R.T. -0.01 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

Tgt Ion:167 Resp: 1387975

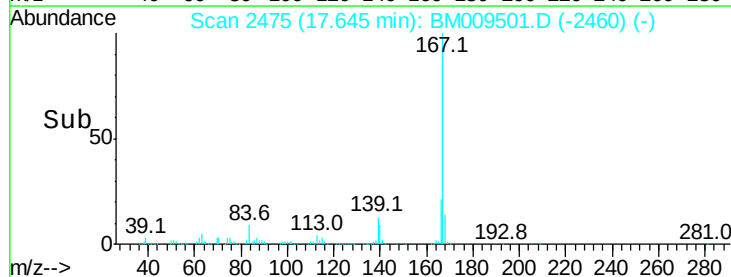
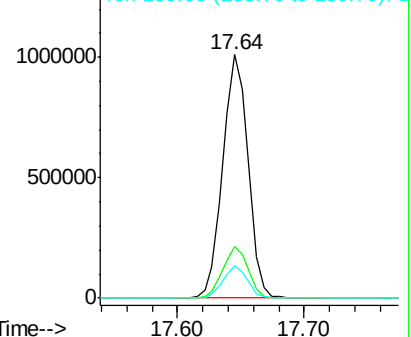
Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.2	25.8
139	13.1	10.8	16.2

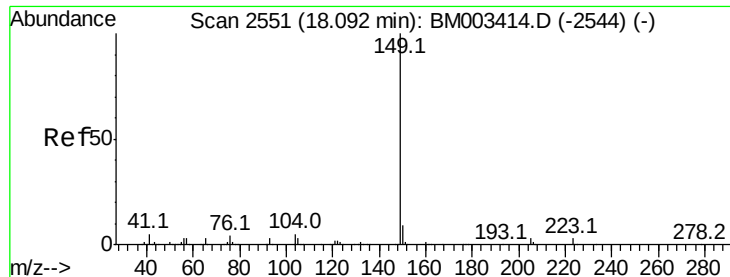


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.88 ng

RT: 18.19 min Scan# 2568

Delta R.T. -0.02 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

Instrument :

BNA_M

ClientSampleId :

PB97981BS

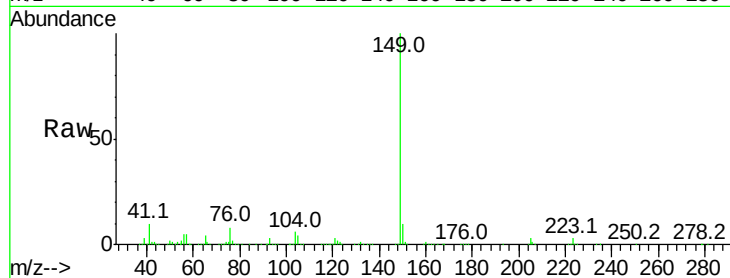
Tot Ion:149 Resp: 1605325

Ion Ratio Lower Upper

149 100

150 9.6 7.5 11.3

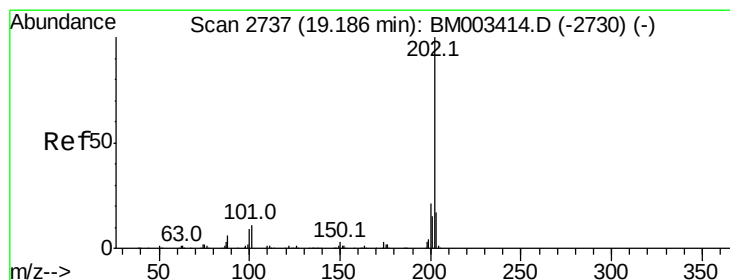
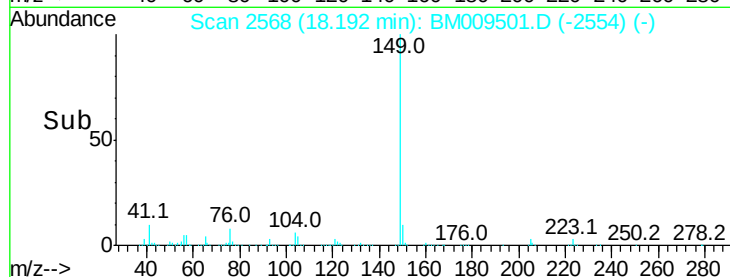
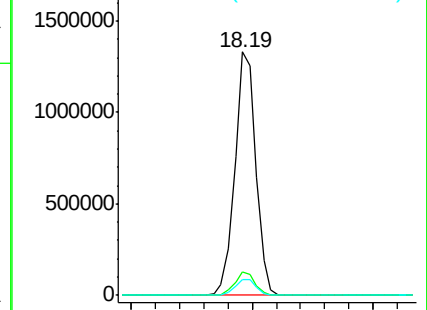
104 6.2 3.7 5.5#



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: 41.83 ng

RT: 19.30 min Scan# 2756

Delta R.T. -0.01 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

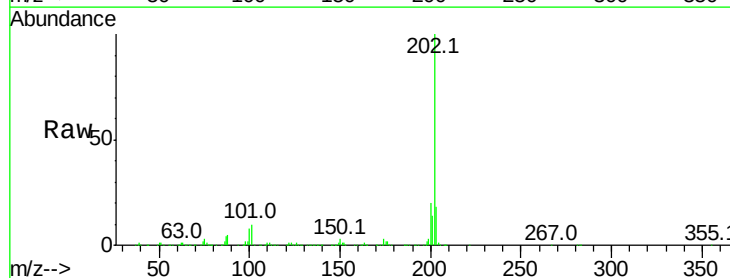
Tgt Ion:202 Resp: 1830212

Ion Ratio Lower Upper

202 100

101 9.7 0.0 28.7

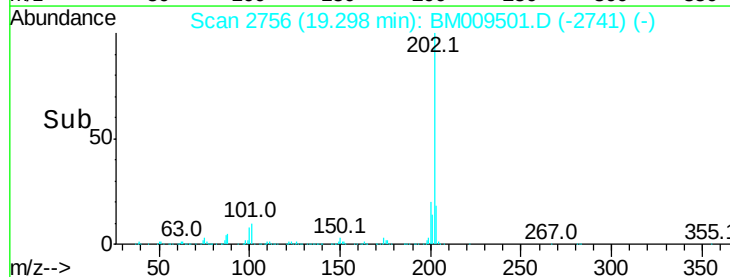
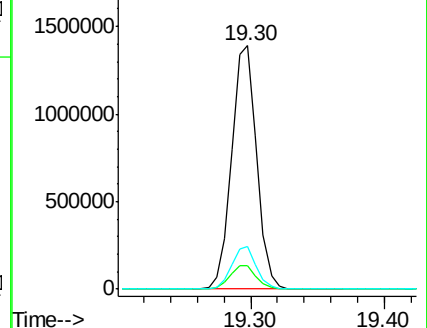
203 17.7 0.0 37.2

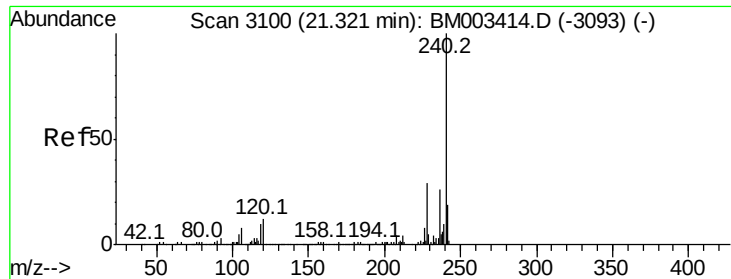


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

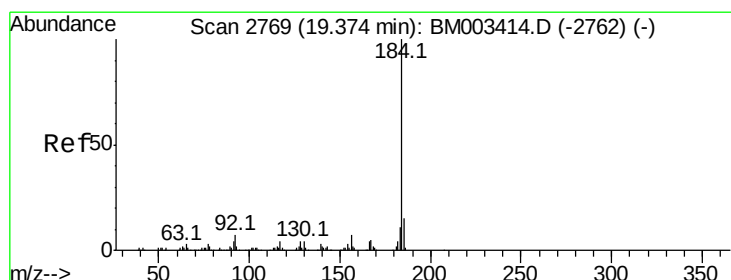
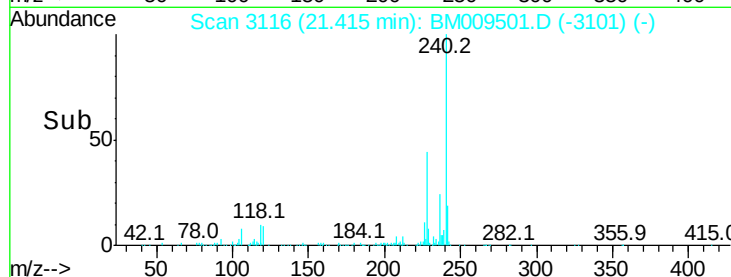
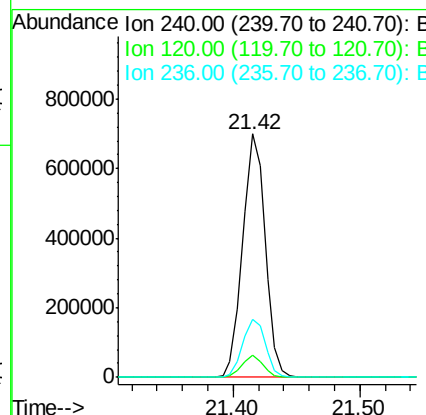
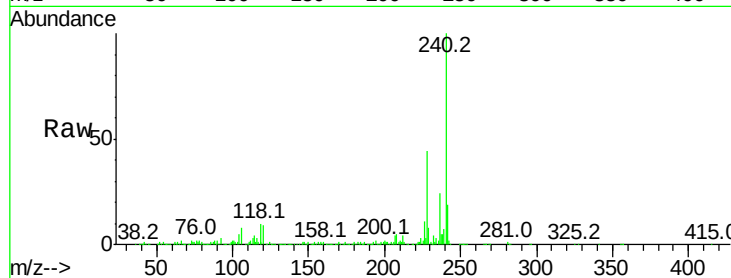




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.42 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BM009501.D
Acq: 03 Apr 2017 15:41

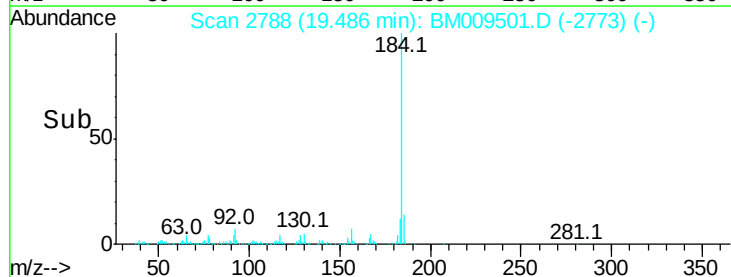
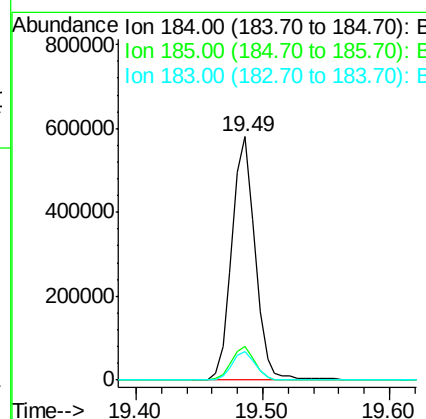
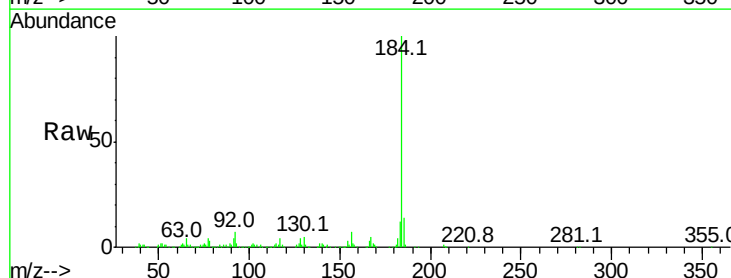
Instrument :
BNA_M
ClientSampleId :
PB97981BS

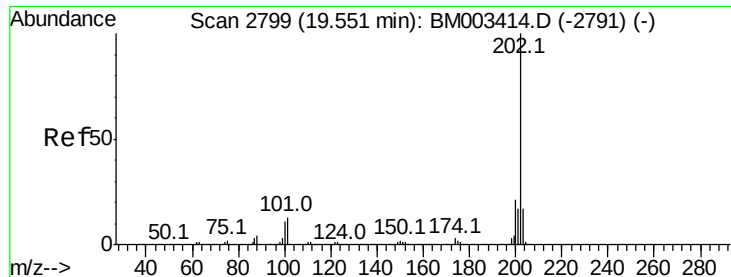
Tot Ion:240 Resp: 857829
Ion Ratio Lower Upper
240 100
120 9.0 8.2 12.2
236 23.8 20.0 30.0



#76
Benzidine
Concen: 28.78 ng
RT: 19.49 min Scan# 2788
Delta R.T. -0.01 min
Lab File: BM009501.D
Acq: 03 Apr 2017 15:41

Tgt Ion:184 Resp: 735907
Ion Ratio Lower Upper
184 100
185 13.9 11.3 16.9
183 11.5 8.9 13.3





#77

Pvrene

Concen: 39.55 ng

RT: 19.66 min Scan# 2817

Delta R.T. -0.02 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

Instrument :

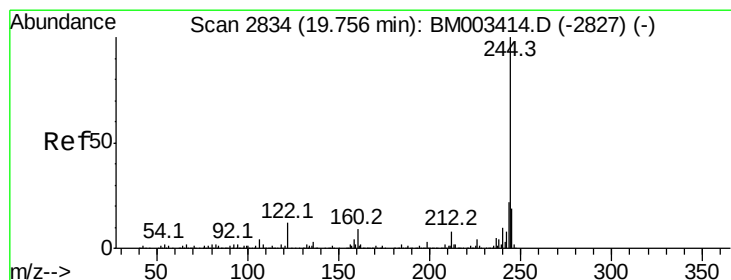
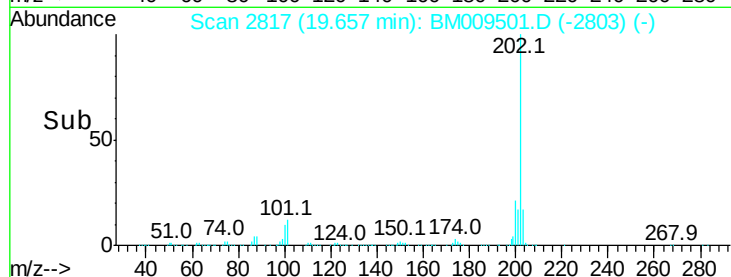
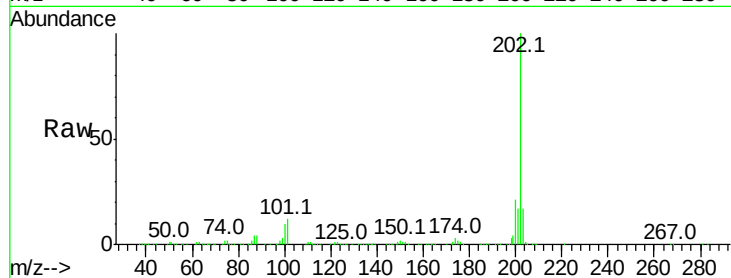
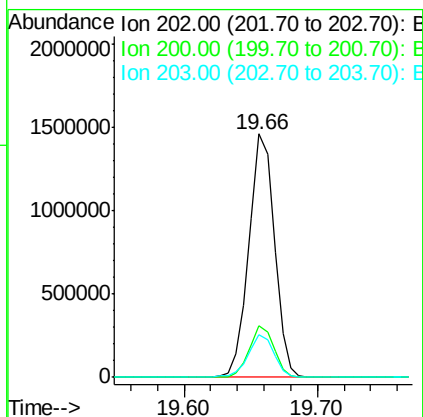
BNA_M

ClientSampleId :

PB97981BS

Tot Ion:202 Resp: 1924395

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	17.3	14.1	21.1



#78

Terphenyl-d14

Concen: 71.19 ng

RT: 19.86 min Scan# 2851

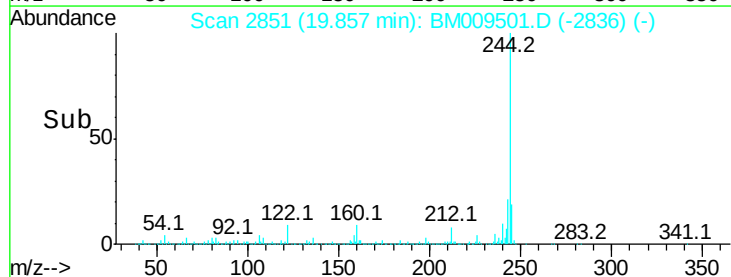
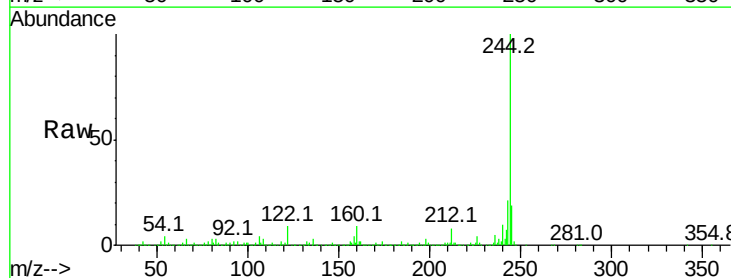
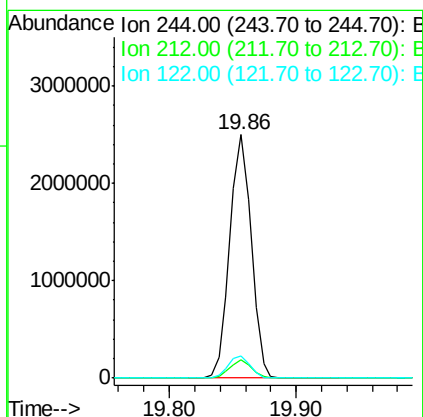
Delta R.T. -0.01 min

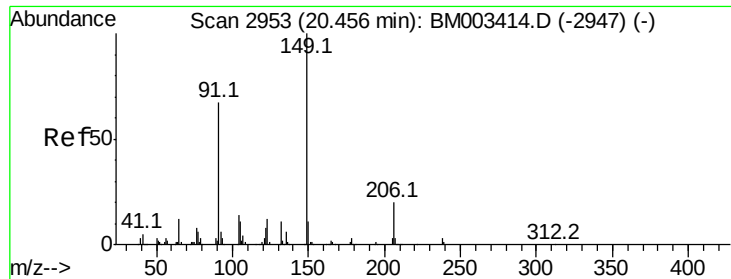
Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

Tgt Ion:244 Resp: 2922467

Ion	Ratio	Lower	Upper
244	100		
212	7.7	4.9	7.3#
122	9.2	6.2	9.4

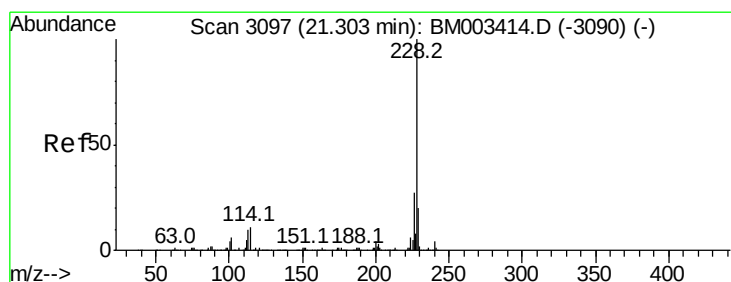
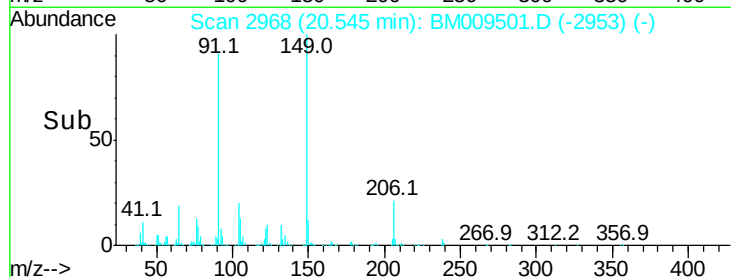
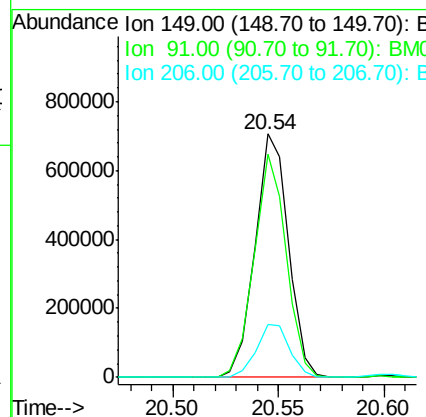
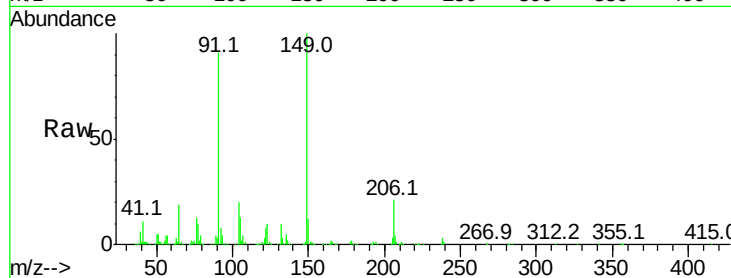




#79
Butylbenzylphthalate
Concen: 44.29 ng
RT: 20.54 min Scan# 2968
Delta R.T. -0.01 min
Lab File: BM009501.D
Acq: 03 Apr 2017 15:41

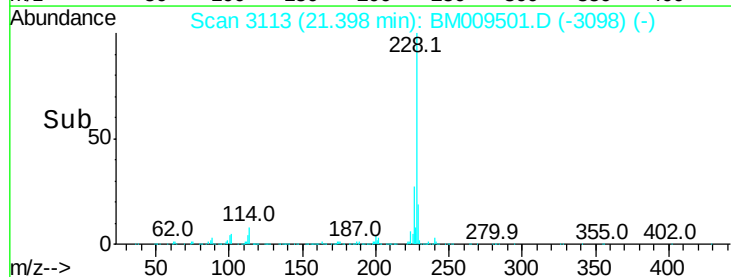
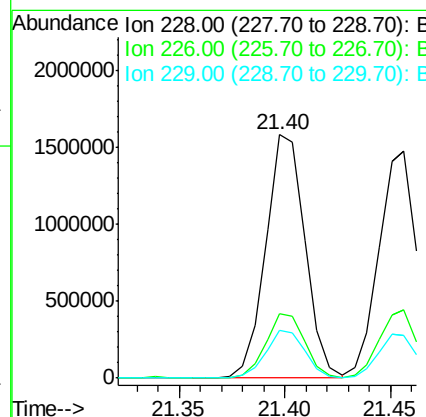
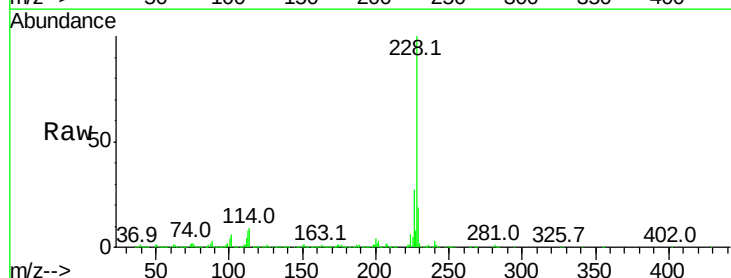
Instrument :
BNA_M
ClientSampleId :
PB97981BS

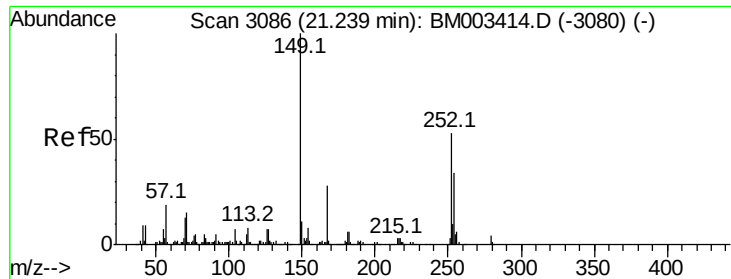
Tot Ion:149 Resp: 775879
Ion Ratio Lower Upper
149 100
91 91.5 50.1 75.1#
206 21.5 16.2 24.2



#80
Benzo(a)anthracene
Concen: 41.00 ng
RT: 21.40 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BM009501.D
Acq: 03 Apr 2017 15:41

Tgt Ion:228 Resp: 2054201
Ion Ratio Lower Upper
228 100
226 26.7 21.7 32.5
229 19.4 16.0 24.0

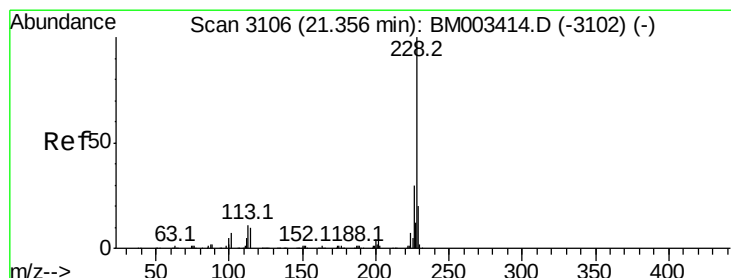
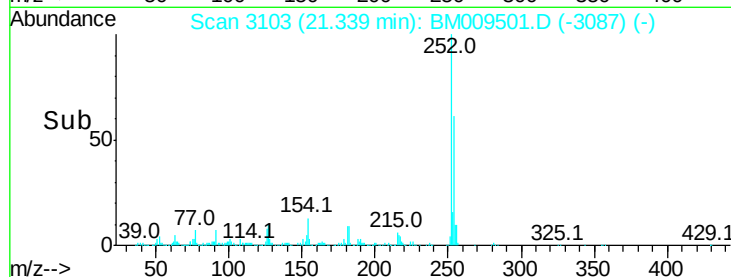
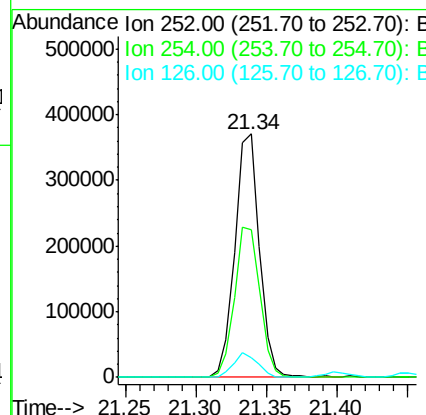
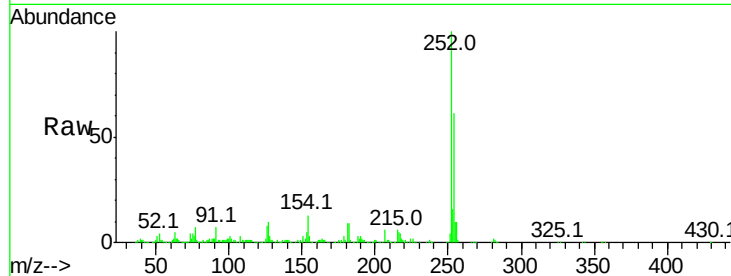




#81
 3,3'-Dichlorobenzidine
 Concen: 24.05 ng
 RT: 21.34 min Scan# 3103
 Delta R.T. -0.01 min
 Lab File: BM009501.D
 Acq: 03 Apr 2017 15:41

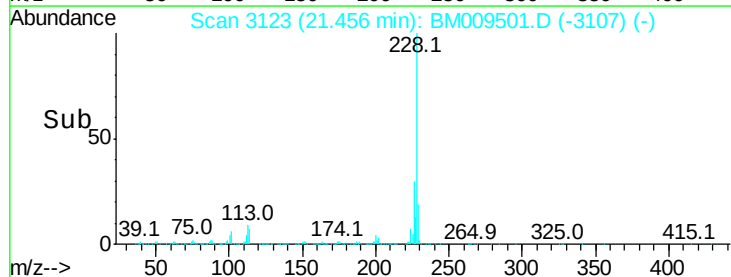
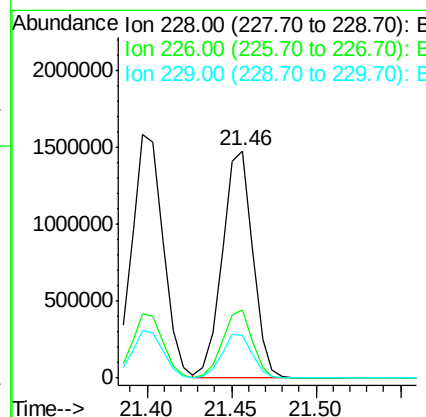
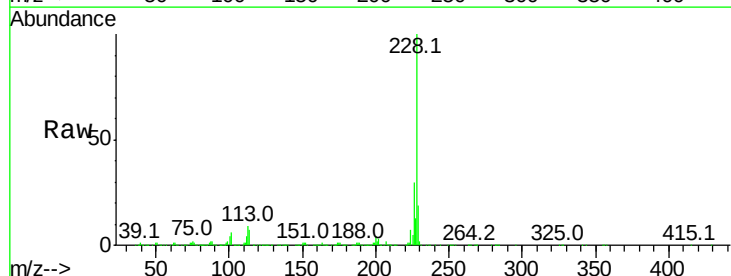
Instrument :
 BNA_M
 ClientSampleId :
 PB97981BS

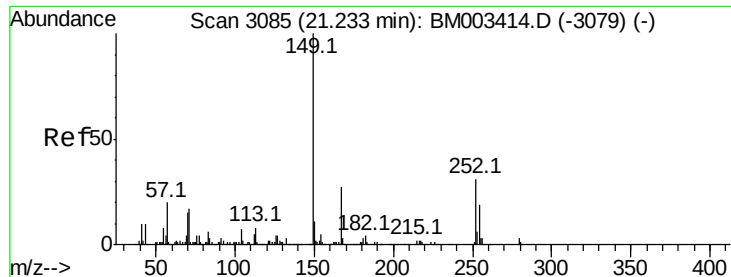
Tot Ion:252 Resp: 451227
 Ion Ratio Lower Upper
 252 100
 254 60.6 51.9 77.9
 126 8.0 9.8 14.8#



#82
 Chrysene
 Concen: 38.65 ng
 RT: 21.46 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BM009501.D
 Acq: 03 Apr 2017 15:41

Tgt Ion:228 Resp: 1848933
 Ion Ratio Lower Upper
 228 100
 226 29.8 24.1 36.1
 229 18.8 15.5 23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.13 ng

RT: 21.31 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

Instrument :

BNA_M

ClientSampleId :

PB97981BS

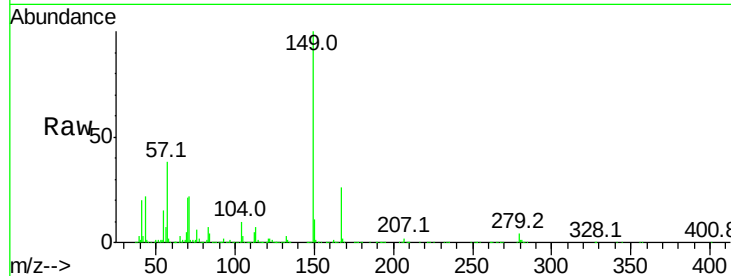
Tot Ion:149 Resp: 1127572

Ion Ratio Lower Upper

149 100

167 25.9 22.4 33.6

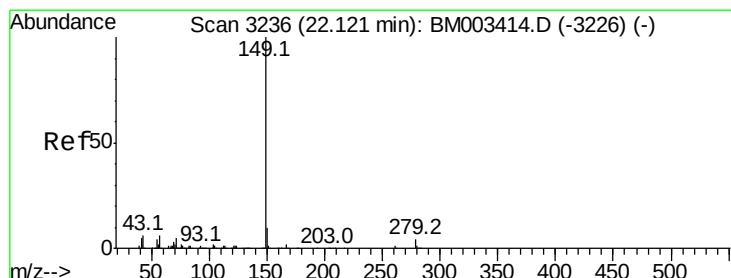
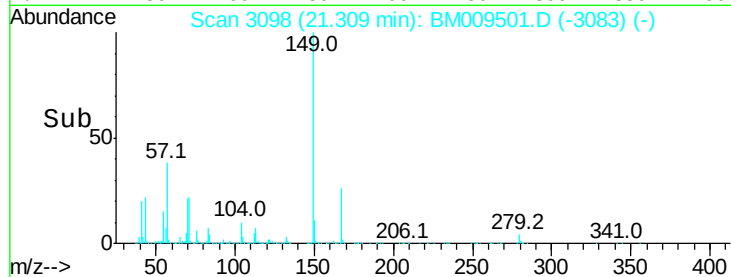
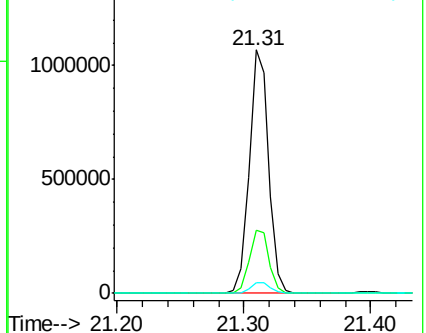
279 4.2 3.4 5.0



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: 46.53 ng

RT: 22.21 min Scan# 3251

Delta R.T. -0.02 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

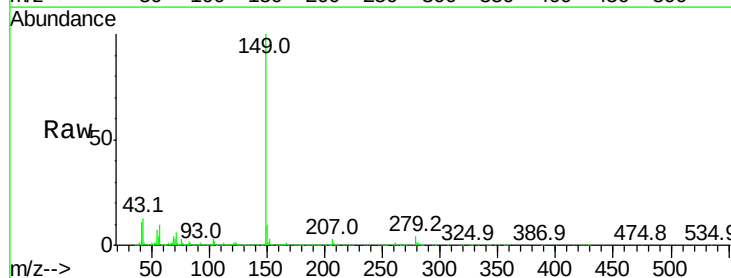
Tgt Ion:149 Resp: 2024249

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

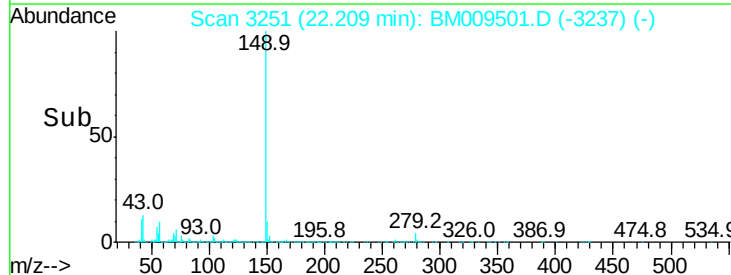
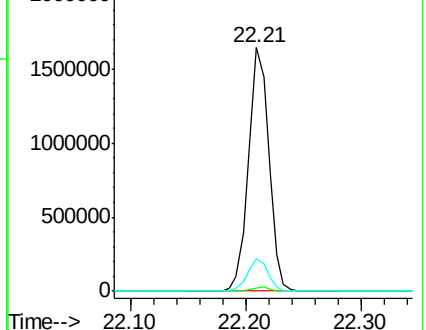
43 13.3 7.3 10.9#

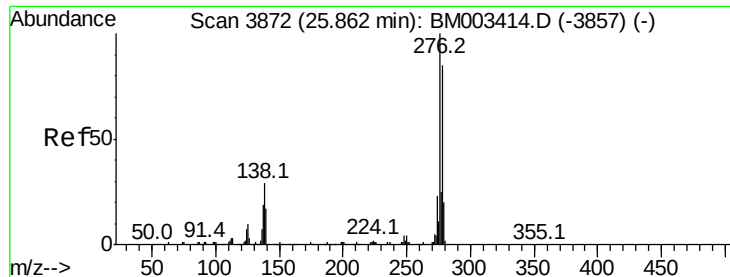


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



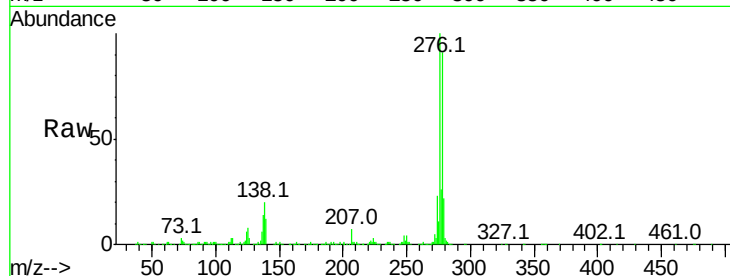


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.68 ng
 RT: 26.11 min Scan# 3914
 Delta R.T. -0.02 min
 Lab File: BM009501.D
 Acq: 03 Apr 2017 15:41

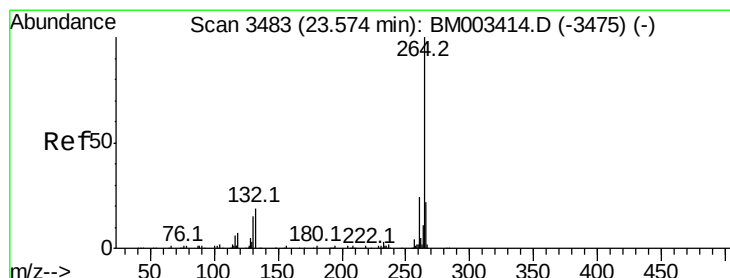
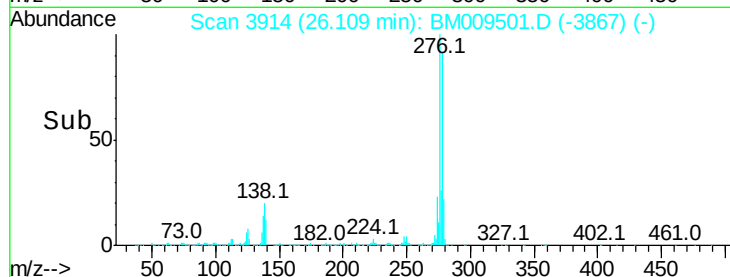
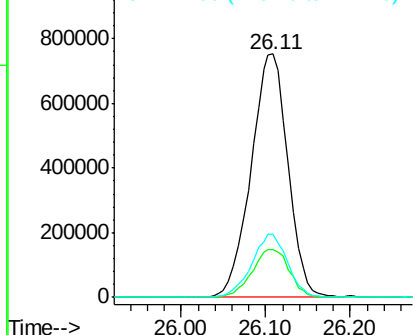
Instrument :
 BNA_M
 ClientSampleId :
 PB97981BS

Tot Ion:276 Resp: 2279056

Ion	Ratio	Lower	Upper
276	100		
138	20.1	0.0	0.0#
277	25.3	0.0	0.0#



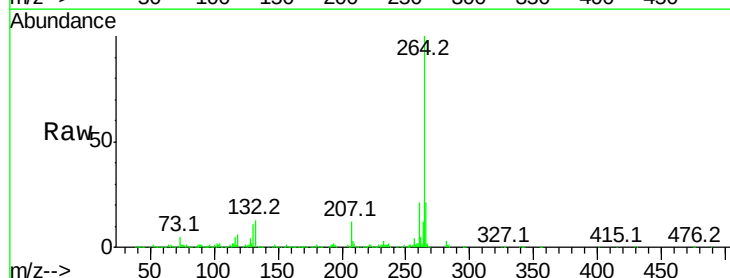
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E



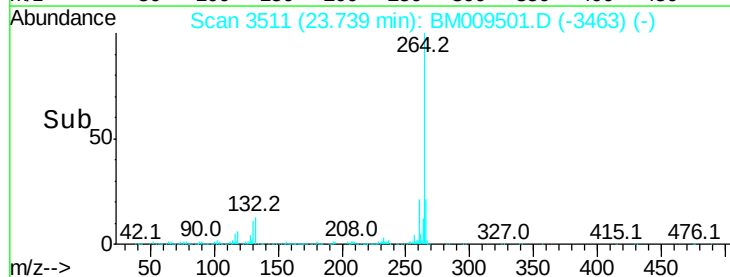
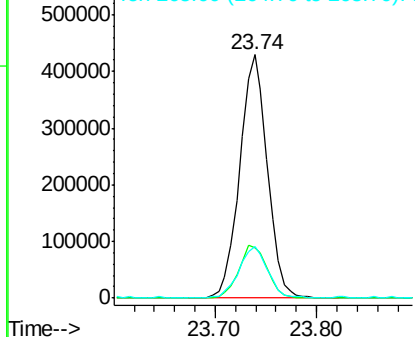
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.74 min Scan# 3511
 Delta R.T. -0.02 min
 Lab File: BM009501.D
 Acq: 03 Apr 2017 15:41

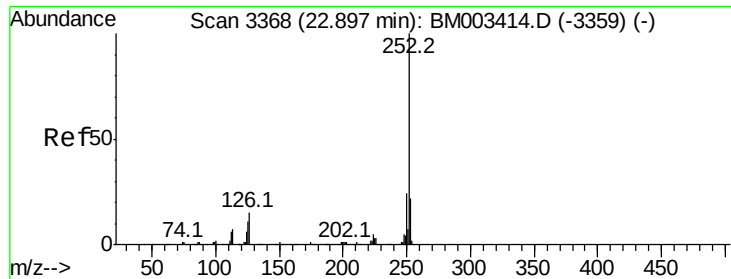
Tgt Ion:264 Resp: 809230

Ion	Ratio	Lower	Upper
264	100		
260	20.8	18.6	27.8
265	21.5	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: 40.70 ng

RT: 23.03 min Scan# 3391

Delta R.T. -0.02 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

Instrument :

BNA_M

ClientSampleId :

PB97981BS

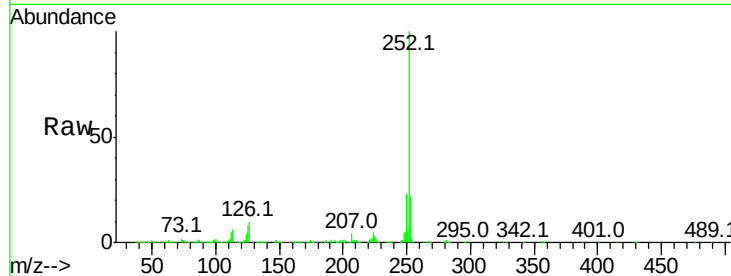
Tot Ion:252 Resp: 2087913

Ion Ratio Lower Upper

252 100

253 22.4 18.0 27.0

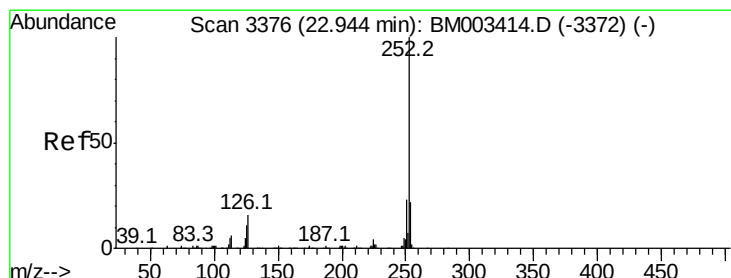
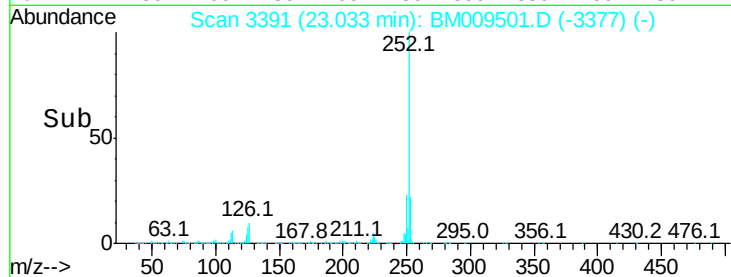
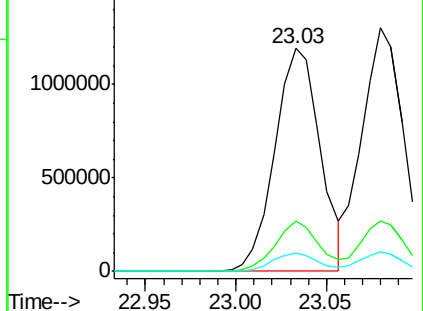
125 8.3 9.9 14.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 41.95 ng

RT: 23.08 min Scan# 3399

Delta R.T. -0.02 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

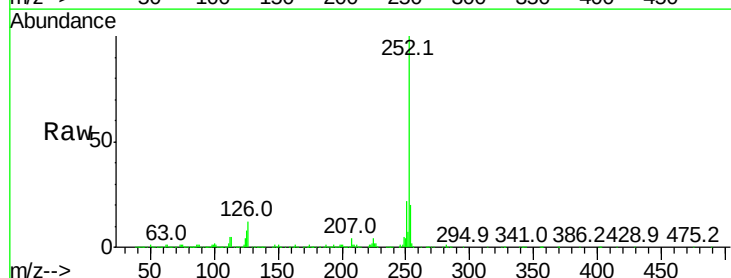
Tgt Ion:252 Resp: 2069561

Ion Ratio Lower Upper

252 100

253 20.5 17.2 25.8

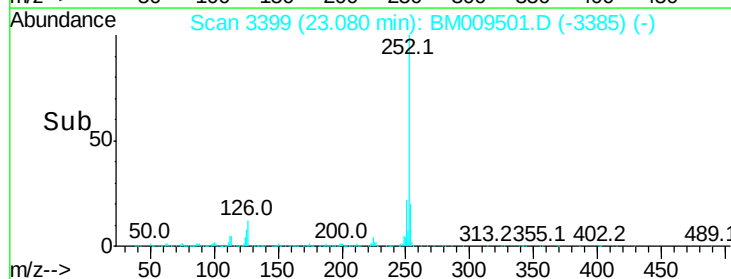
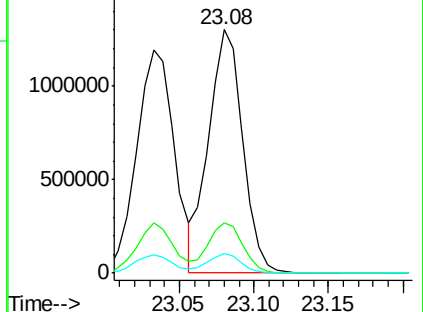
125 8.3 8.1 12.1

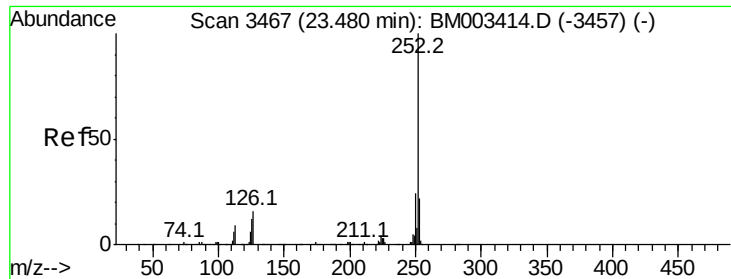


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

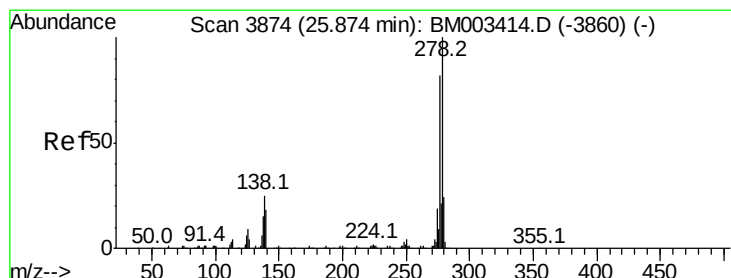
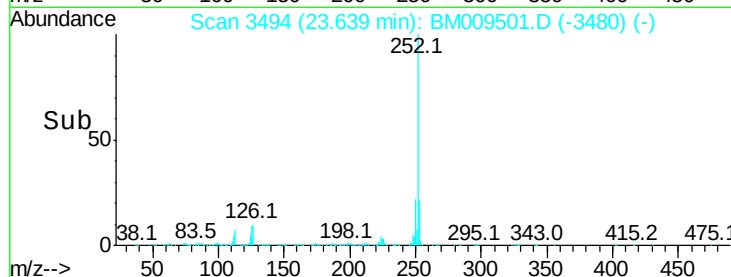
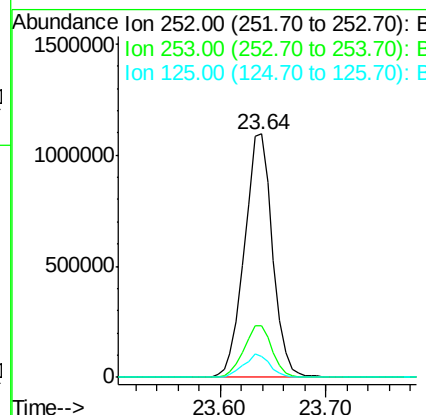
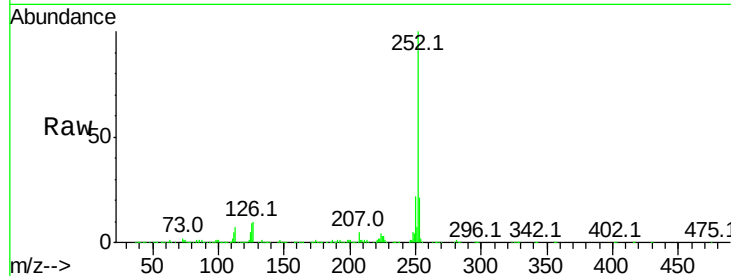




#89
Benzo(a)pyrene
Concen: 42.53 ng
RT: 23.64 min Scan# 3494
Delta R.T. -0.02 min
Lab File: BM009501.D
Acq: 03 Apr 2017 15:41

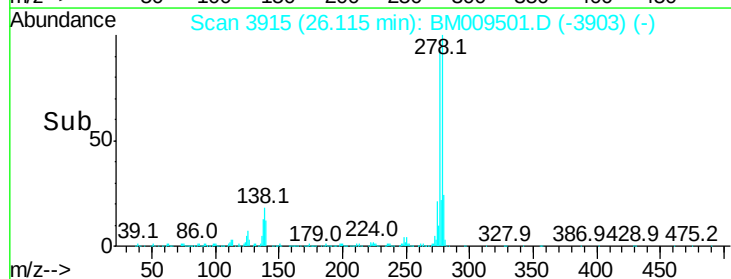
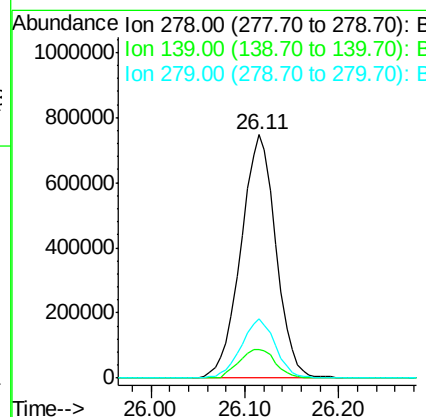
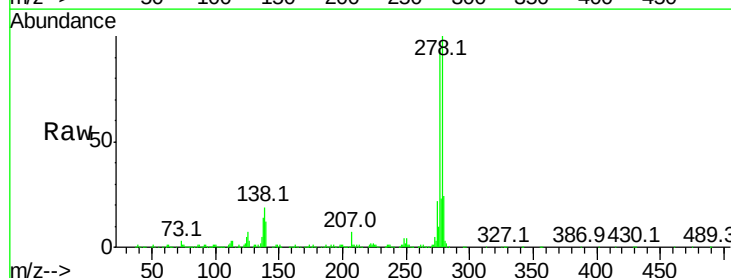
Instrument :
BNA_M
ClientSampleId :
PB97981BS

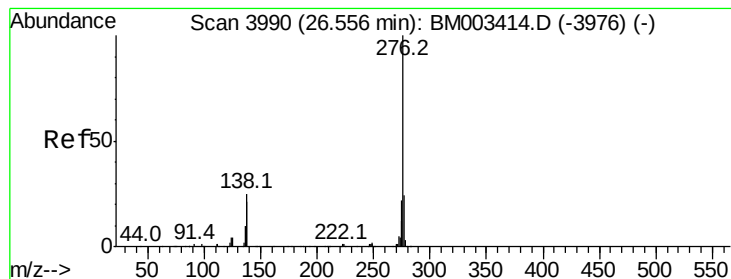
Tot Ion:252 Resp: 2020292
Ion Ratio Lower Upper
252 100
253 21.0 17.6 26.4
125 8.6 7.4 11.2



#90
Dibenzo(a,h)anthracene
Concen: 41.30 ng
RT: 26.11 min Scan# 3915
Delta R.T. -0.03 min
Lab File: BM009501.D
Acq: 03 Apr 2017 15:41

Tgt Ion:278 Resp: 1921711
Ion Ratio Lower Upper
278 100
139 11.6 13.4 20.0#
279 24.1 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 40.94 ng

RT: 26.83 min Scan# 4037

Delta R.T. -0.03 min

Lab File: BM009501.D

Acq: 03 Apr 2017 15:41

Instrument :

BNA_M

ClientSampleId :

PB97981BS

Tot Ion:276 Resp: 1857007

Ion Ratio Lower Upper

276 100

277 24.2 18.5 27.7

138 17.0 19.0 28.6#

