

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081518\
 Data File : BM016390.D
 Acq On : 15 Aug 2018 21:02
 Operator : SJ/JU
 Sample : PB112011BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB112011BS

Quant Time: Aug 16 01:30:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 15 11:23:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	21726	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	85552	20.00	ng	0.00
38) Acenaphthene-d10	14.74	164	46037	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	99174	20.00	ng	0.00
75) Chrysene-d12	21.62	240	123028	20.00	ng	0.00
86) Perylene-d12	23.94	264	118885	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	115806	88.54	ng	0.00
7) Phenol-d6	7.28	99	133928	78.41	ng	0.00
23) Nitrobenzene-d5	9.30	82	153350	83.37	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	48856	83.67	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	327679	86.60	ng	0.00
78) Terphenyl-d14	20.06	244	493564	83.98	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	25231	41.173	ng	# 100
3) Pyridine	3.87	79	52424	35.512	ng	# 68
4) n-Nitrosodimethylamine	3.79	42	68292	59.311	ng	# 28
6) Aniline	7.44	93	56926	28.946	ng	# 85
8) 2-Chlorophenol	7.67	128	61681	39.680	ng	# 98
9) Benzaldehyde	7.26	77	29158	24.297	ng	# 87
10) Phenol	7.31	94	63768	37.336	ng	# 86
11) bis(2-Chloroethyl)ether	7.53	93	48268	35.773	ng	# 84
12) 1,3-Dichlorobenzene	7.99	146	71626	39.365	ng	# 85
13) 1,4-Dichlorobenzene	8.15	146	71861	38.942	ng	# 91
14) 1,2-Dichlorobenzene	8.46	146	71169	39.415	ng	# 92
15) Benzyl Alcohol	8.37	79	52410	38.536	ng	# 81
16) 2,2'-oxybis(1-Chloropropan	8.64	45	62611	30.320	ng	# 91
17) 2-Methylphenol	8.57	107	45816	39.247	ng	# 78
18) Hexachloroethane	9.17	117	38282	47.992	ng	# 94
19) n-Nitroso-di-n-propylamine	8.93	70	45907	36.772	ng	# 66
20) 3+4-Methylphenols	8.90	107	59838	35.627	ng	# 82
22) Acetophenone	8.96	105	93350	43.334	ng	# 77
24) Nitrobenzene	9.34	77	80178	43.305	ng	# 90
25) Isophorone	9.86	82	116937	46.477	ng	# 93
26) 2-Nitrophenol	10.05	139	31712	41.030	ng	# 28
27) 2,4-Dimethylphenol	10.10	122	51479	47.808	ng	# 76
28) bis(2-Chloroethoxy)methane	10.33	93	64294	39.317	ng	# 96
29) 2,4-Dichlorophenol	10.59	162	55992	43.760	ng	# 95
30) 1,2,4-Trichlorobenzene	10.79	180	66984	43.086	ng	# 96
31) Naphthalene	10.97	128	186487	43.070	ng	# 99
32) Benzoic acid	10.29	122	32795	39.953	ng	# 83
33) 4-Chloroaniline	11.10	127	48482	27.439	ng	# 87
34) Hexachlorobutadiene	11.23	225	55422	51.393	ng	# 98
35) Caprolactam	11.92	113	13723	38.723	ng	# 89
36) 4-Chloro-3-methylphenol	12.23	107	59592	42.344	ng	# 87
37) 2-Methylnaphthalene	12.57	142	136034	46.900	ng	# 86
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	76695	48.934	ng	# 100
40) Hexachlorocyclopentadiene	12.90	237	61936	80.458	ng	# 97

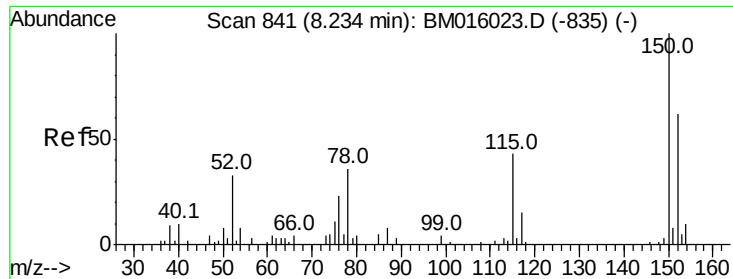
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081518\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	45052	45.943	nq	98
43) 2,4,5-Trichlorophenol	13.27	196	47239	46.703	nq #	80
45) 1,1'-Biphenyl	13.58	154	170456	41.027	nq	98
46) 2-Chloronaphthalene	13.63	162	135138	41.820	nq #	86
47) 2-Nitroaniline	13.86	65	45030	42.149	nq #	77
48) Acenaphthylene	14.47	152	210170	44.428	nq	100
49) Dimethylphthalate	14.20	163	173816	43.142	nq	99
50) 2,6-Dinitrotoluene	14.34	165	33346	41.135	nq #	25
51) Acenaphthene	14.81	154	121911	41.902	nq	95
52) 3-Nitroaniline	14.69	138	24272	27.721	nq #	77
53) 2,4-Dinitrophenol	14.91	184	31039	88.469	nq #	51
54) Dibenzofuran	15.14	168	204812	42.719	nq #	76
55) 4-Nitrophenol	15.00	139	43385	69.120	nq #	82
56) 2,4-Dinitrotoluene	15.14	165	51671	44.578	nq #	55
57) Fluorene	15.79	166	163991	46.029	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.38	232	42204	48.543	nq #	100
59) Diethylphthalate	15.56	149	189355	43.604	nq	95
60) 4-Chlorophenyl-phenylether	15.77	204	88283	44.513	nq #	84
61) 4-Nitroaniline	15.85	138	30874	36.751	nq #	1
62) Azobenzene	16.07	77	220617	48.239	nq #	72
64) 4,6-Dinitro-2-methylphenol	15.91	198	23972	39.823	nq #	84
65) n-Nitrosodiphenylamine	16.00	169	133604	40.912	nq	97
66) 4-Bromophenyl-phenylether	16.67	248	50093	44.607	nq #	72
67) Hexachlorobenzene	16.79	284	49763	40.239	nq #	65
68) Atrazine	16.94	200	54081	46.206	nq	95
69) Pentachlorophenol	17.14	266	51609	67.393	nq	98
70) Phenanthrene	17.53	178	240075	43.238	nq	99
71) Anthracene	17.62	178	246415	45.664	nq	97
72) Carbazole	17.89	167	213710	38.228	nq #	95
73) Di-n-butylphthalate	18.42	149	305768	43.893	nq #	95
74) Fluoranthene	19.52	202	284970	46.011	nq	97
76) Benzidine	19.71	184	156885	45.634	nq	97
77) Pyrene	19.88	202	294648	39.965	nq	99
79) Butylbenzylphthalate	20.74	149	155200	41.438	nq #	75
80) Benzo(a)anthracene	21.60	228	338490	44.671	nq	99
81) 3,3'-Dichlorobenzidine	21.53	252	88863	29.116	nq	99
82) Chrysene	21.66	228	310148	42.669	nq	98
83) Bis(2-ethylhexyl)phthalate	21.49	149	230542	42.473	nq	92
84) Di-n-octyl phthalate	22.39	149	400662	43.919	nq #	87
85) Indeno(1,2,3-cd)pyrene	26.33	276	393061	45.570	nq	99
87) Benzo(b)fluoranthene	23.24	252	325738	46.536	nq #	93
88) Benzo(k)fluoranthene	23.29	252	325144	45.835	nq #	97
89) Benzo(a)pyrene	23.84	252	320437	47.620	nq #	98
90) Dibenzo(a,h)anthracene	26.32	278	331380	47.532	nq #	93
91) Benzo(g,h,i)perylene	27.05	276	309170	46.887	nq #	88

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

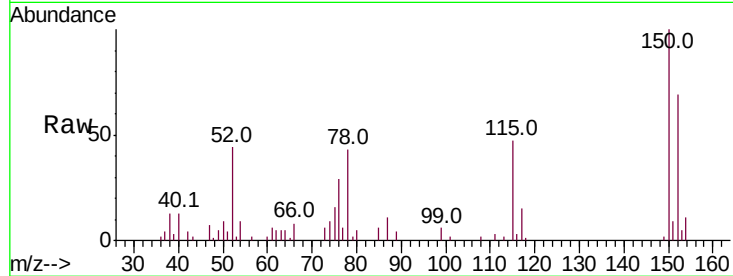


#1

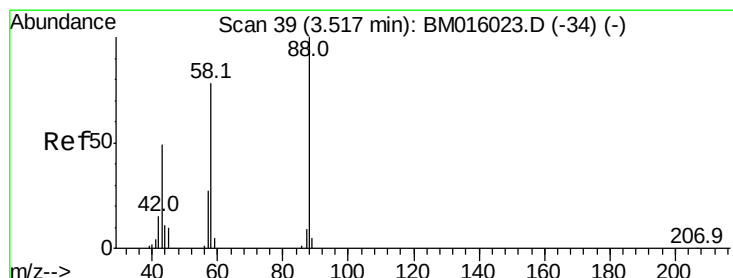
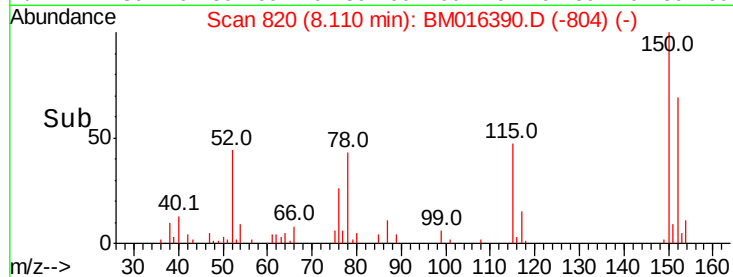
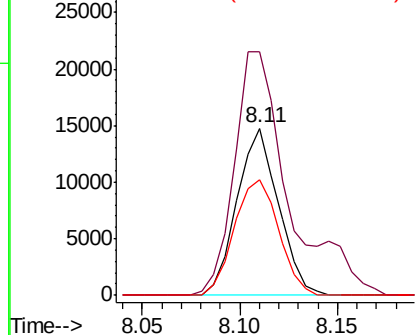
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.01 min
Lab File: BM016390.D
Acq: 15 Aug 2018 21:02

Instrument :
BNA_M
ClientSampleId :
PB112011BS

Tot Ion:152 Resp: 21726
Ion Ratio Lower Upper
152 100
150 145.4 119.5 179.3
115 69.0 43.0 64.4#



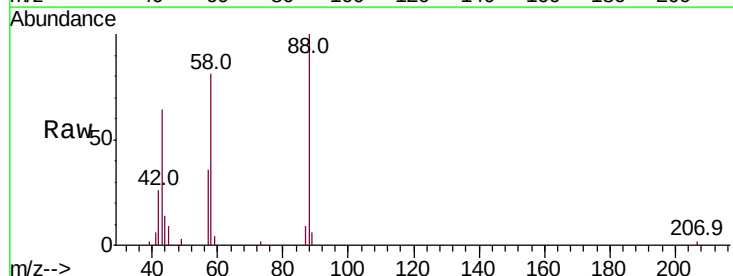
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



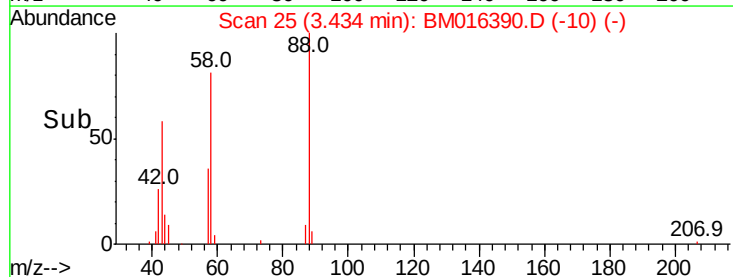
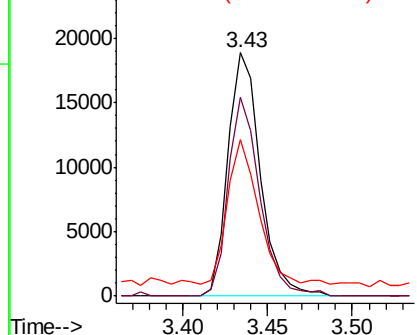
#2

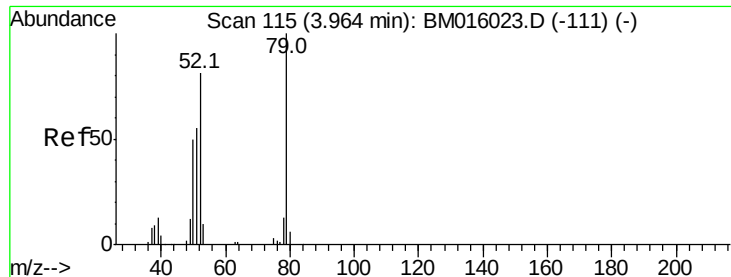
1,4-Dioxane
Concen: 41.173 ng
RT: 3.43 min Scan# 25
Delta R.T. -0.01 min
Lab File: BM016390.D
Acq: 15 Aug 2018 21:02

Tgt Ion: 88 Resp: 25231
Ion Ratio Lower Upper
88 100
58 79.9 0.0 0.0#
43 57.6 0.0 0.0#



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 35.512 ng

RT: 3.87 min Scan# 99

Delta R.T. -0.02 min

Lab File: BM016390.D

Acq: 15 Aug 2018 21:02

Instrument :

BNA_M

ClientSampleId :

PB112011BS

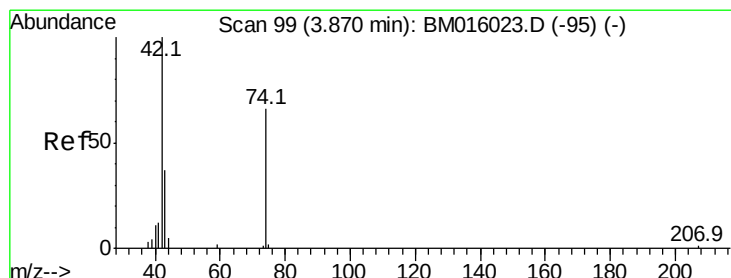
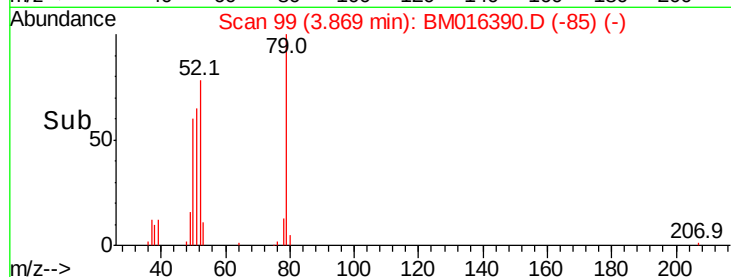
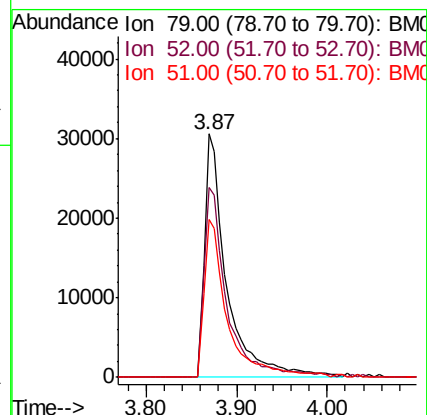
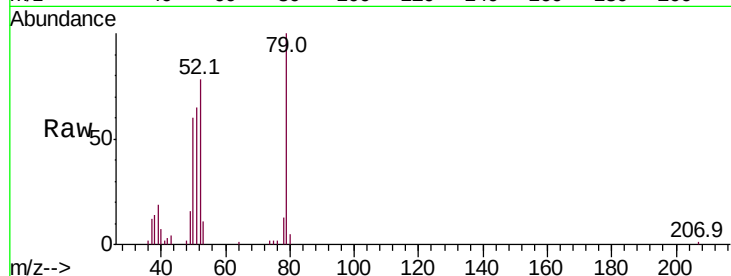
Tot Ion: 79 Resp: 52424

Ion Ratio Lower Upper

79 100

52 78.2 51.1 76.7#

51 65.1 26.1 39.1#



#4

n-Nitrosodimethylamine

Concen: 59.311 ng

RT: 3.79 min Scan# 85

Delta R.T. -0.01 min

Lab File: BM016390.D

Acq: 15 Aug 2018 21:02

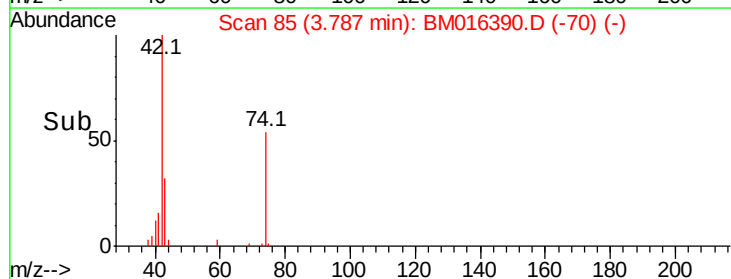
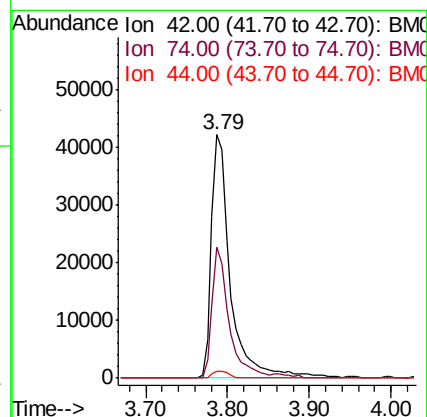
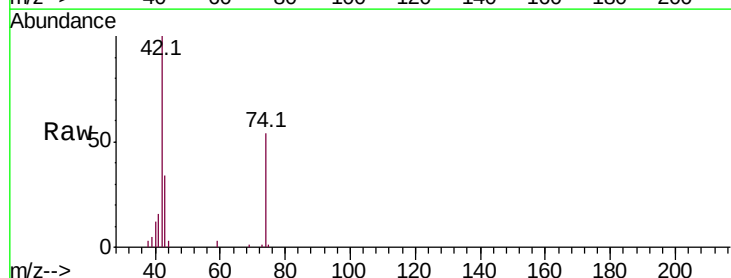
Tgt Ion: 42 Resp: 68292

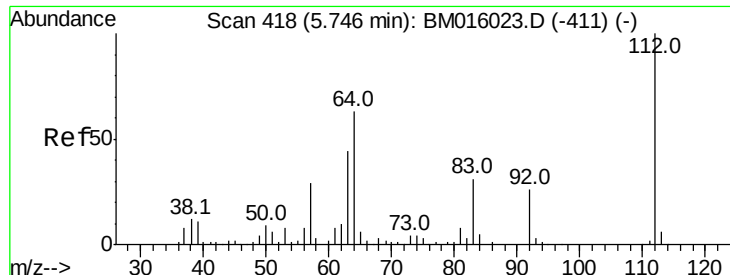
Ion Ratio Lower Upper

42 100

74 54.0 119.3 178.9#

44 2.7 5.4 8.2#





#5

2-Fluorophenol

Concen: 59.311 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BM016390.D

Acq: 15 Aug 2018 21:02

Instrument :

BNA_M

ClientSampleId :

PB112011BS

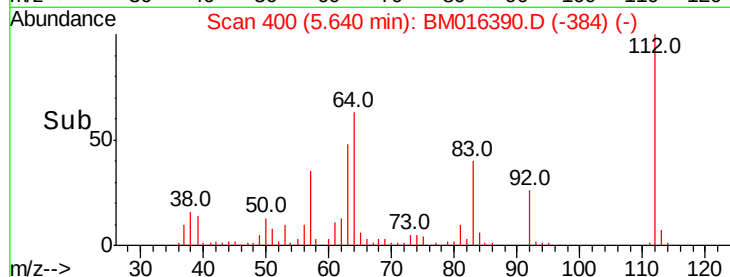
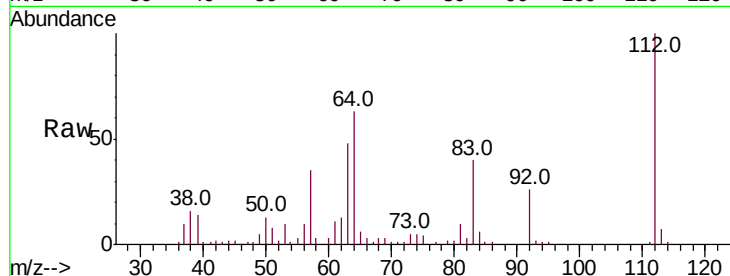
Tot Ion:112 Resp: 115806

Ion Ratio Lower Upper

112 100

64 62.9 38.6 57.8#

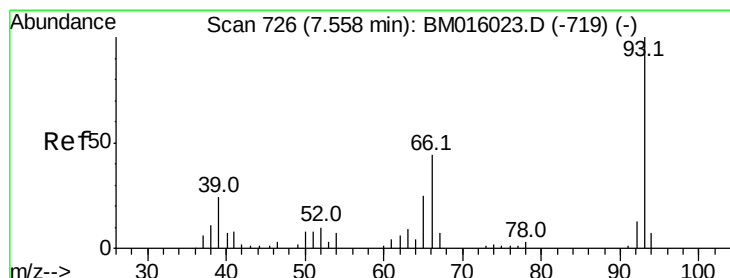
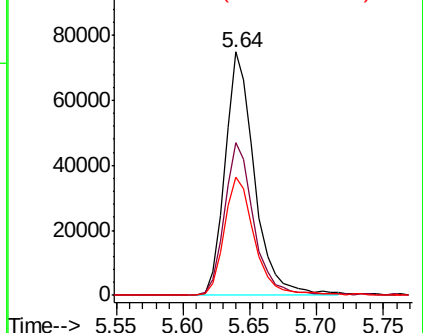
63 48.3 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 28.946 ng

RT: 7.44 min Scan# 706

Delta R.T. -0.01 min

Lab File: BM016390.D

Acq: 15 Aug 2018 21:02

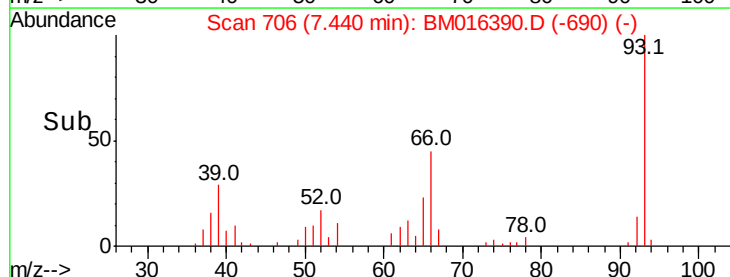
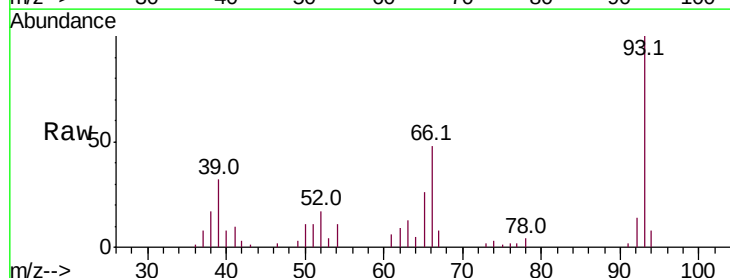
Tgt Ion: 93 Resp: 56926

Ion Ratio Lower Upper

93 100

66 48.2 30.8 46.2#

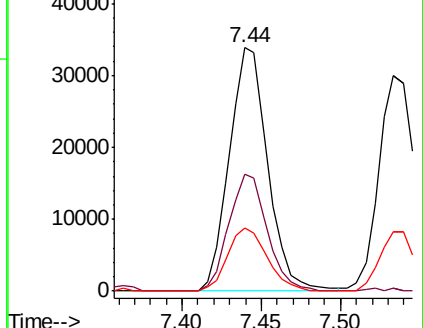
65 26.1 16.0 24.0#

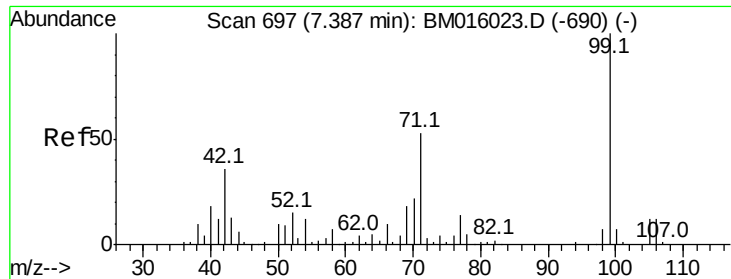


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 28.946 ng

RT: 7.28 min Scan# 679

Delta R.T. -0.01 min

Lab File: BM016390.D

Acq: 15 Aug 2018 21:02

Instrument :

BNA_M

ClientSampleId :

PB112011BS

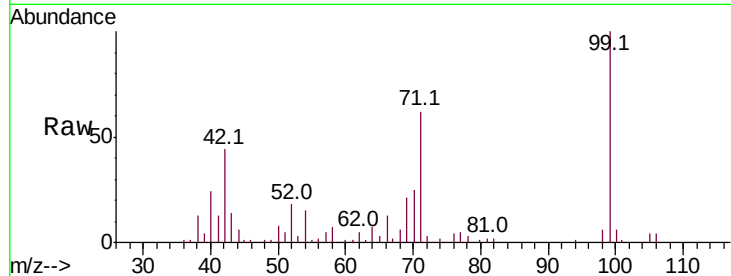
Tot Ion: 99 Resp: 133928

Ion Ratio Lower Upper

99 100

42 43.9 11.0 16.4#

71 61.6 23.4 35.2#

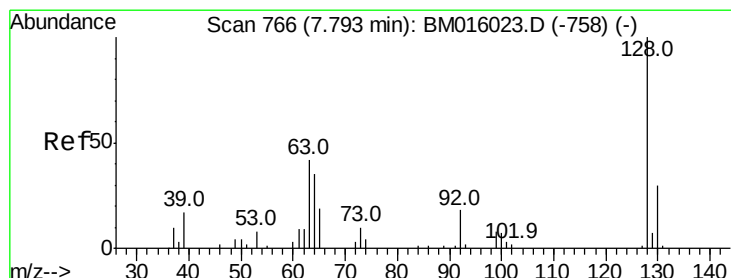
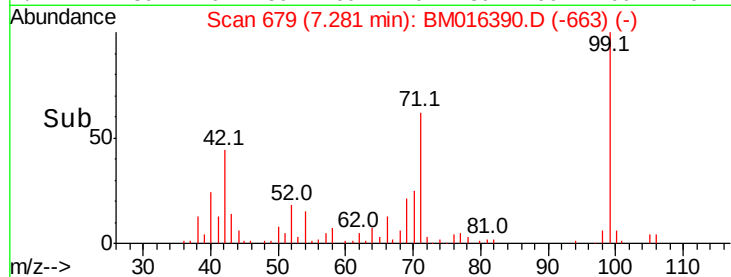
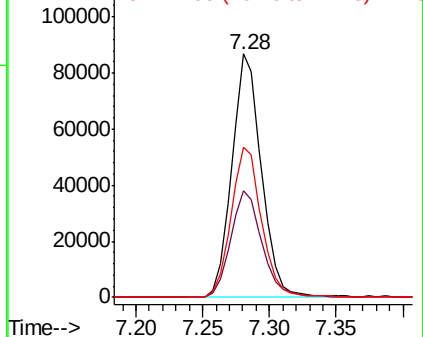


Abundance

Ion 99.00 (98.70 to 99.70): BM016390.D (-663) (-)

Ion 42.00 (41.70 to 42.70): BM016390.D (-663) (-)

Ion 71.00 (70.70 to 71.70): BM016390.D (-663) (-)



#8

2-Chlorophenol

Concen: 39.680 ng

RT: 7.67 min Scan# 746

Delta R.T. -0.01 min

Lab File: BM016390.D

Acq: 15 Aug 2018 21:02

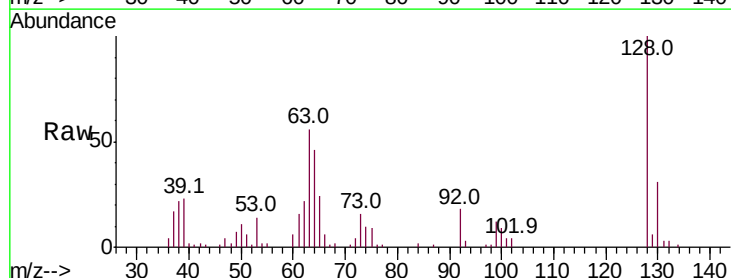
Tgt Ion: 128 Resp: 61681

Ion Ratio Lower Upper

128 100

130 31.1 12.0 52.0

64 46.1 24.9 64.9

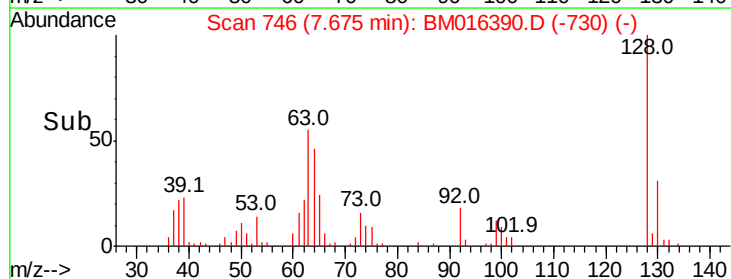
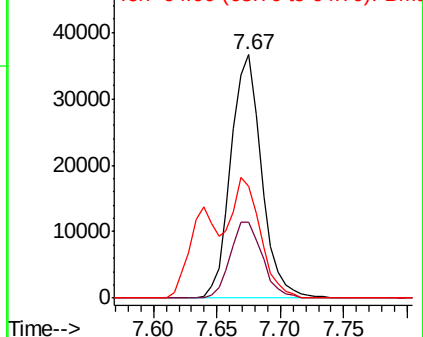


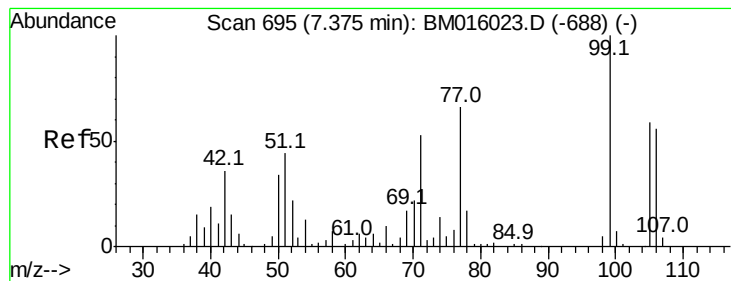
Abundance

Ion 128.00 (127.70 to 128.70): BM016390.D (-730) (-)

Ion 130.00 (129.70 to 130.70): BM016390.D (-730) (-)

Ion 64.00 (63.70 to 64.70): BM016390.D (-730) (-)





#9

Benzaldehyde

Concen: 24.297 ng

RT: 7.26 min Scan# 675

Delta R.T. -0.01 min

Lab File: BM016390.D

Acq: 15 Aug 2018 21:02

Instrument :

BNA_M

ClientSampleId :

PB112011BS

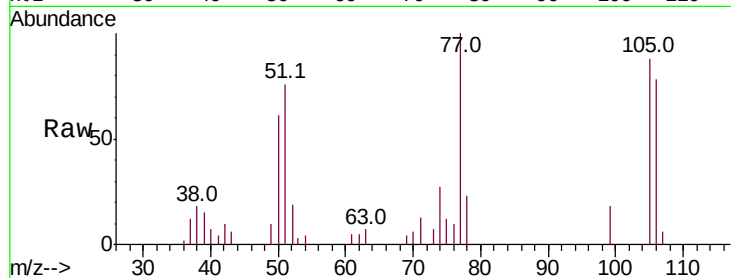
Tot Ion: 77 Resp: 29158

Ion Ratio Lower Upper

77 100

105 88.4 78.8 118.8

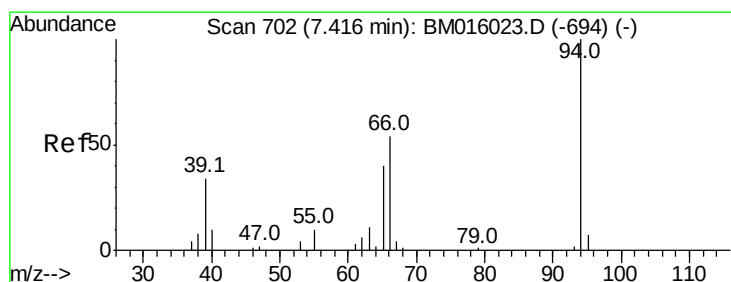
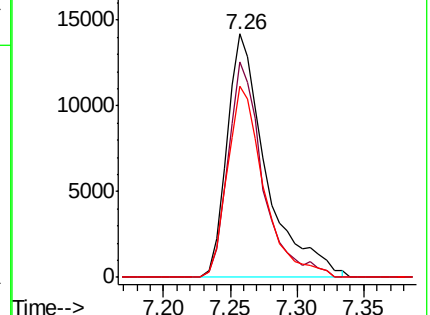
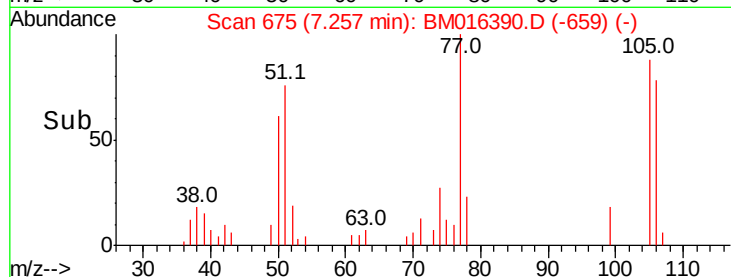
106 78.3 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BM016390.D (-659) (-)

Ion 105.00 (104.70 to 105.70): BM016390.D (-659) (-)

Ion 106.00 (105.70 to 106.70): BM016390.D (-659) (-)



#10

Phenol

Concen: 37.336 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.01 min

Lab File: BM016390.D

Acq: 15 Aug 2018 21:02

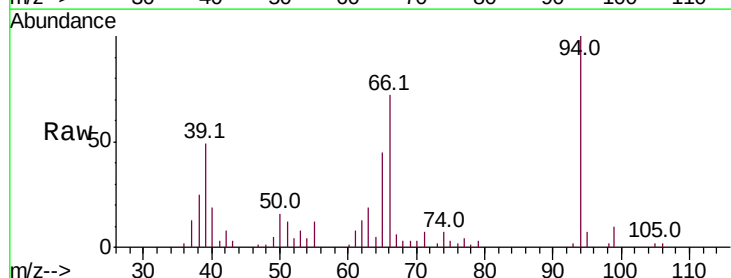
Tgt Ion: 94 Resp: 63768

Ion Ratio Lower Upper

94 100

65 44.7 18.8 58.8

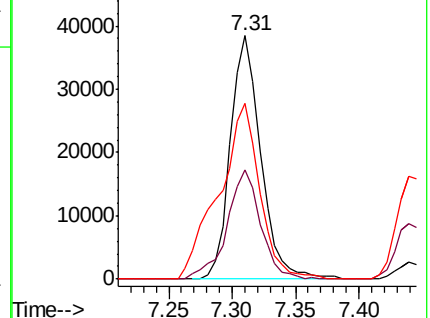
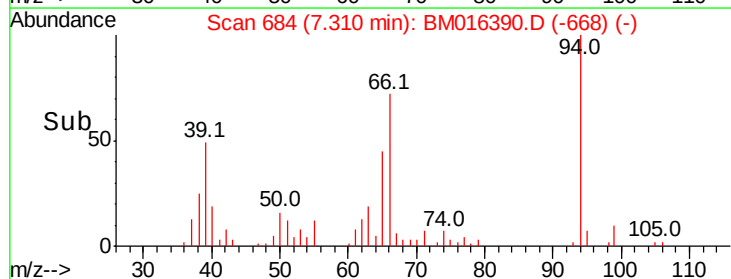
66 72.1 39.9 79.9

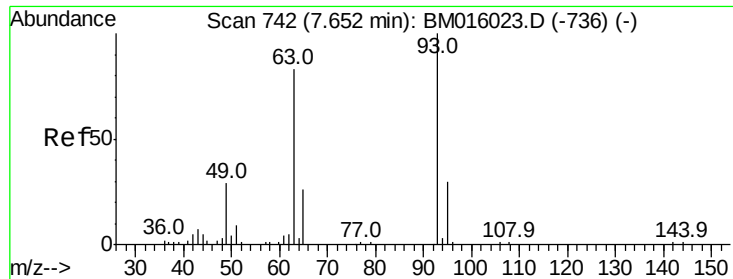


Abundance Ion 94.00 (93.70 to 94.70): BM016390.D (-668) (-)

Ion 65.00 (64.70 to 65.70): BM016390.D (-668) (-)

Ion 66.00 (65.70 to 66.70): BM016390.D (-668) (-)





#11

bis(2-Chloroethyl)ether

Concen: 35.773 ng

RT: 7.53 min Scan# 722

Delta R.T. -0.01 min

Lab File: BM016390.D

Acq: 15 Aug 2018 21:02

Instrument :

BNA_M

ClientSampleId :

PB112011BS

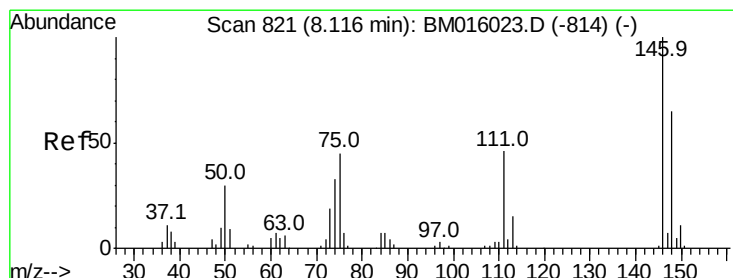
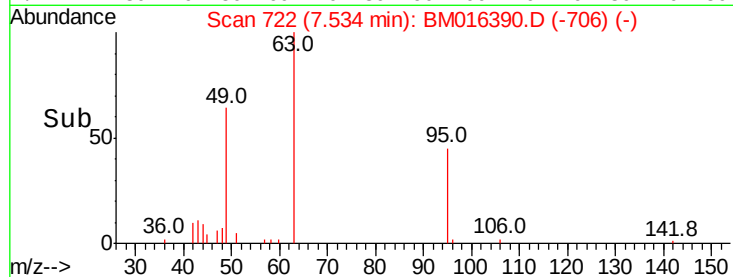
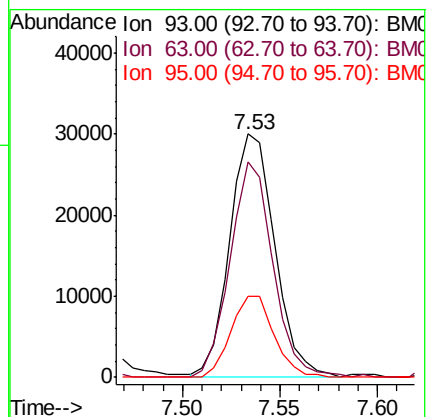
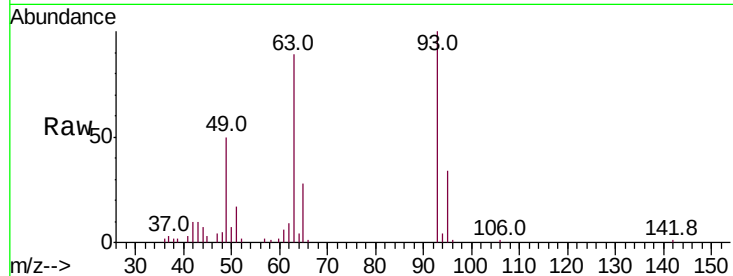
Tot Ion: 93 Resp: 48268

Ion Ratio Lower Upper

93 100

63 88.5 49.5 89.5

95 33.5 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 39.365 ng

RT: 7.99 min Scan# 800

Delta R.T. -0.01 min

Lab File: BM016390.D

Acq: 15 Aug 2018 21:02

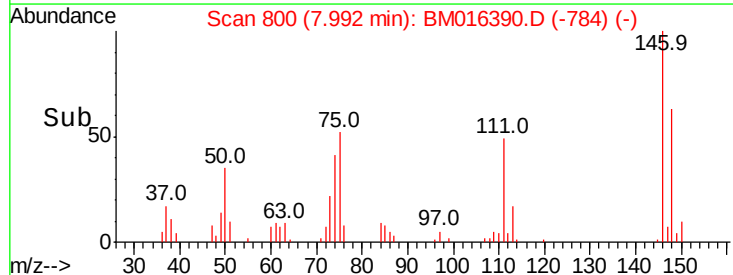
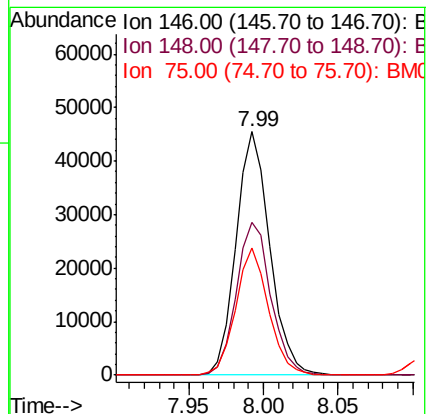
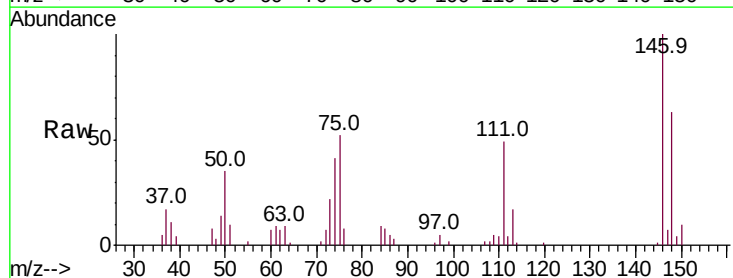
Tgt Ion: 146 Resp: 71626

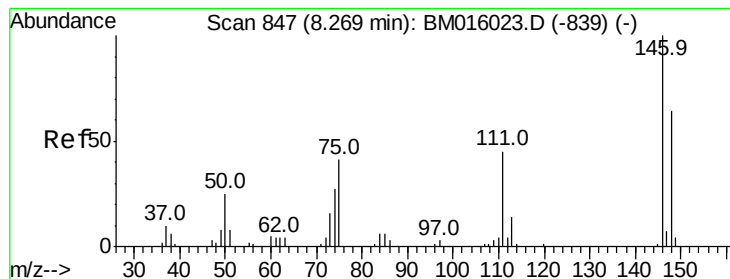
Ion Ratio Lower Upper

146 100

148 62.8 50.9 76.3

75 52.4 21.4 32.2#





#13

1,4-Dichlorobenzene

Concen: 38.942 ng

RT: 8.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BM016390.D

Acq: 15 Aug 2018 21:02

Instrument :

BNA_M

ClientSampleId :

PB112011BS

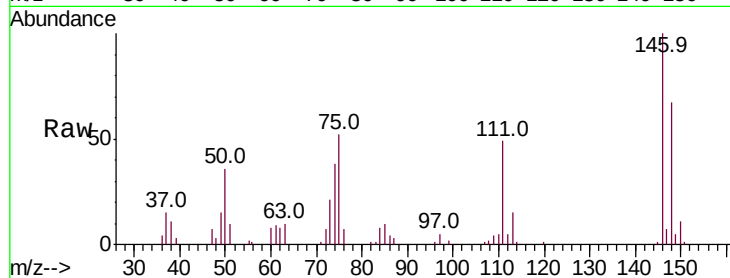
Tot Ion:146 Resp: 71861

Ion Ratio Lower Upper

146 100

148 67.0 51.9 77.9

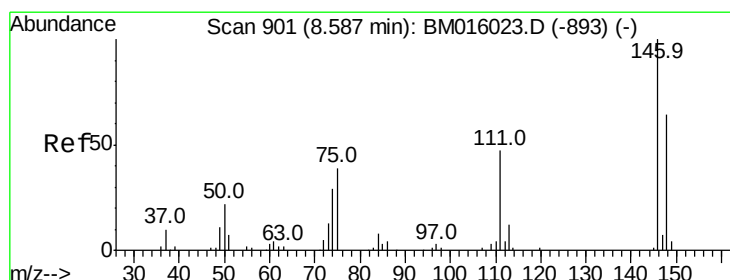
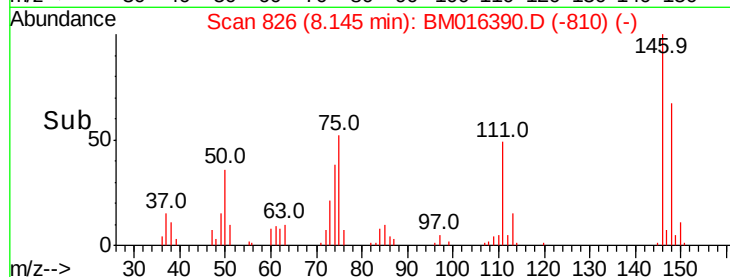
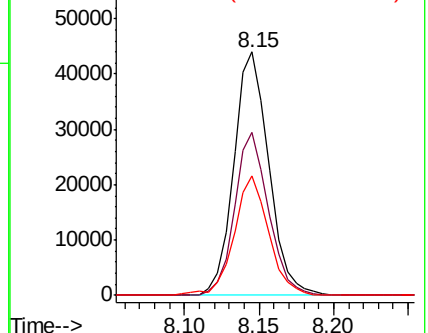
111 49.0 29.2 43.8#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.415 ng

RT: 8.46 min Scan# 880

Delta R.T. -0.01 min

Lab File: BM016390.D

Acq: 15 Aug 2018 21:02

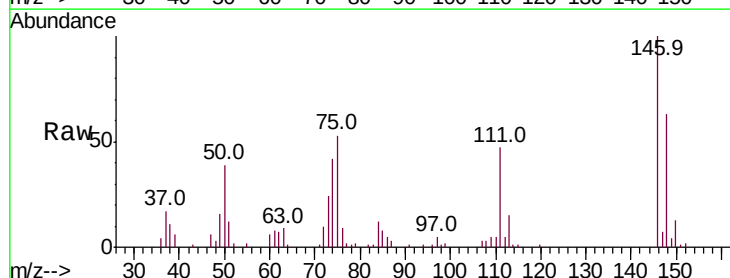
Tgt Ion:146 Resp: 71169

Ion Ratio Lower Upper

146 100

148 63.1 52.3 78.5

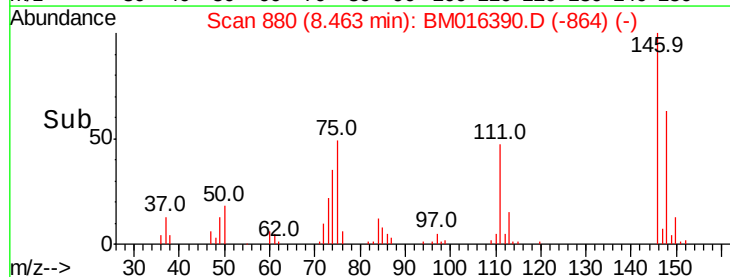
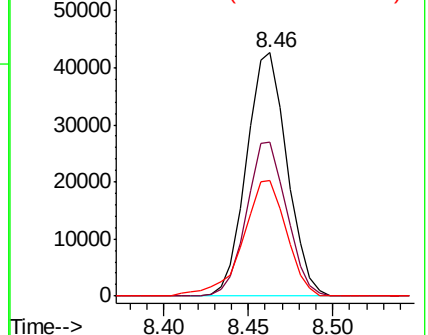
111 47.5 30.6 45.8#

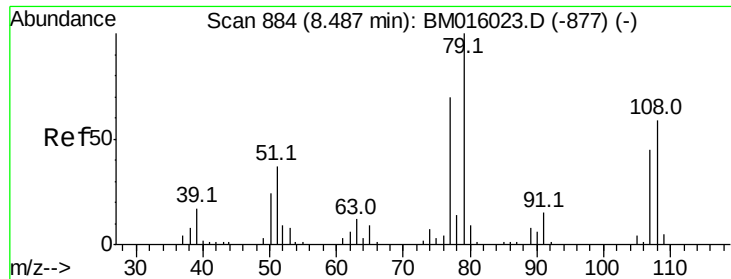


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.536 ng

RT: 8.37 min Scan# 864

Delta R.T. -0.01 min

Lab File: BM016390.D

Acq: 15 Aug 2018 21:02

Instrument :

BNA_M

ClientSampleId :

PB112011BS

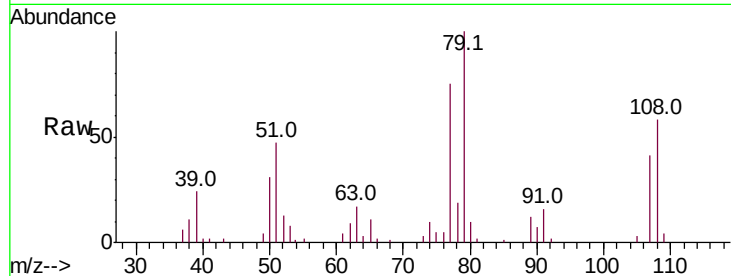
Tot Ion: 79 Resp: 52410

Ion Ratio Lower Upper

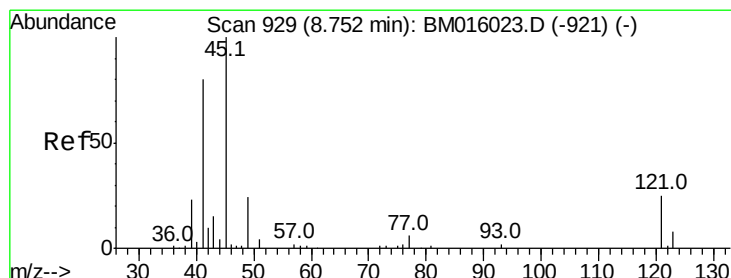
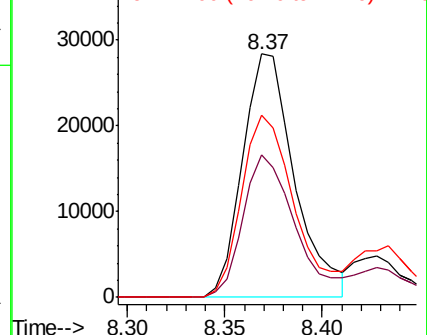
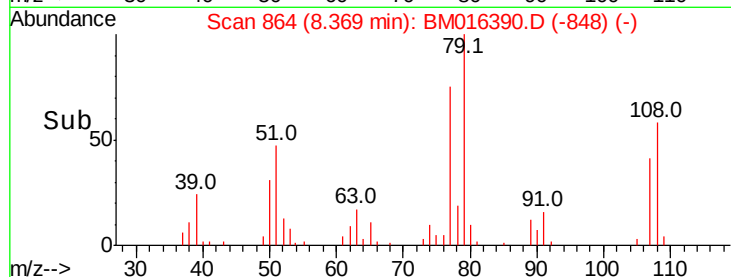
79 100

108 58.4 65.0 97.4#

77 75.1 53.0 79.6



Abundance Ion 79.00 (78.70 to 79.70): BM016390.D (-848) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 30.320 ng

RT: 8.64 min Scan# 910

Delta R.T. 0.01 min

Lab File: BM016390.D

Acq: 15 Aug 2018 21:02

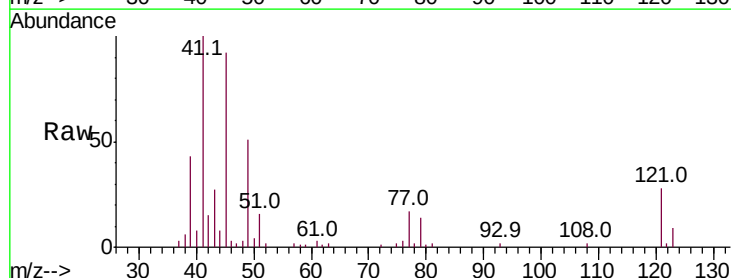
Tgt Ion: 45 Resp: 62611

Ion Ratio Lower Upper

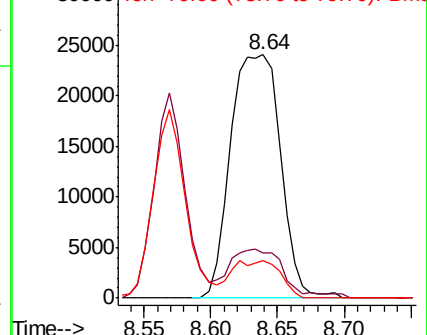
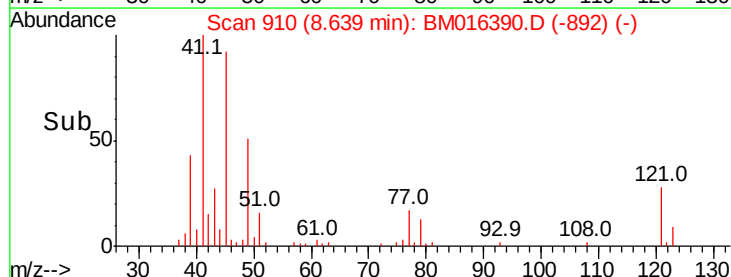
45 100

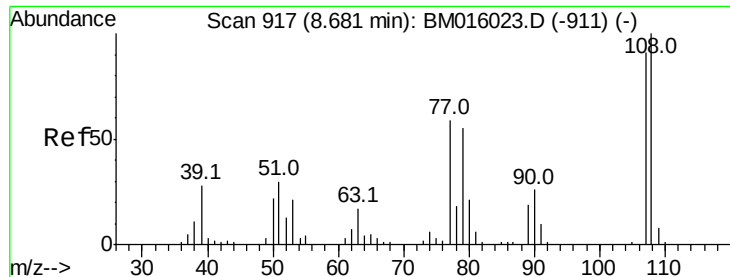
77 18.6 0.0 35.2

79 15.7 0.0 32.0



Abundance Ion 45.00 (44.70 to 45.70): BM016390.D (-892) (-)





#17

2-Methylphenol

Concen: 39.247 ng

RT: 8.57 min Scan# 898

Delta R.T. -0.01 min

Lab File: BM016390.D

Acq: 15 Aug 2018 21:02

Instrument :

BNA_M

ClientSampleId :

PB112011BS

Tot Ion:107 Resp: 45816

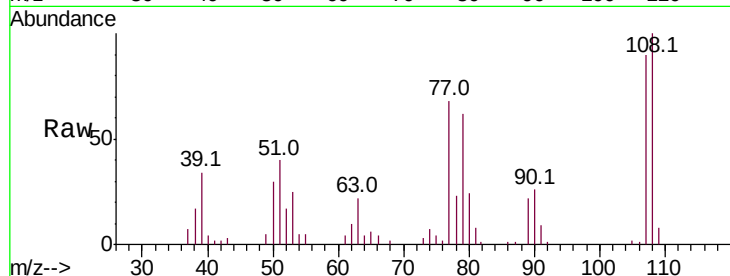
Ion Ratio Lower Upper

107 100

108 110.7 89.8 134.8

77 75.2 32.6 48.8#

79 68.9 32.8 49.2#



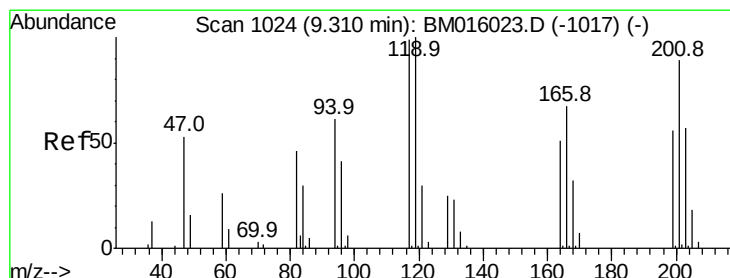
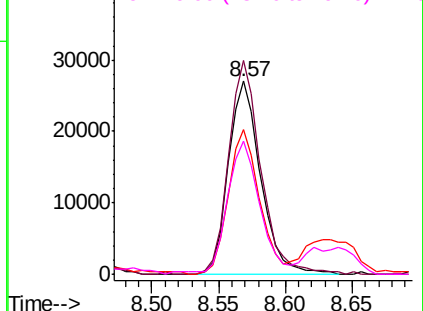
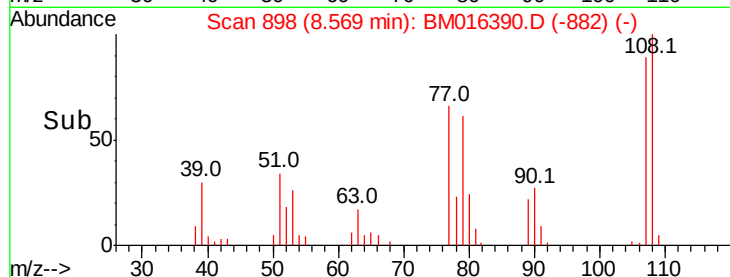
Abundance

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): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18

Hexachloroethane

Concen: 47.992 ng

RT: 9.17 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BM016390.D

Acq: 15 Aug 2018 21:02

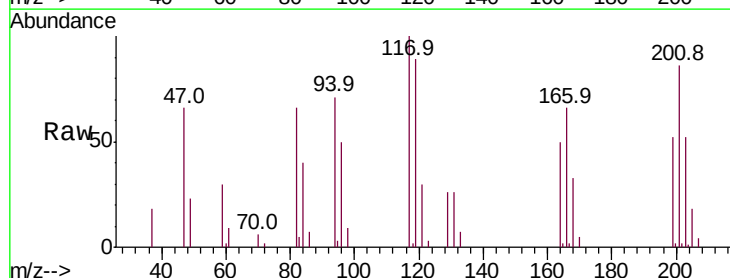
Tgt Ion:117 Resp: 38282

Ion Ratio Lower Upper

117 100

119 88.9 79.2 118.8

201 85.9 69.8 104.6

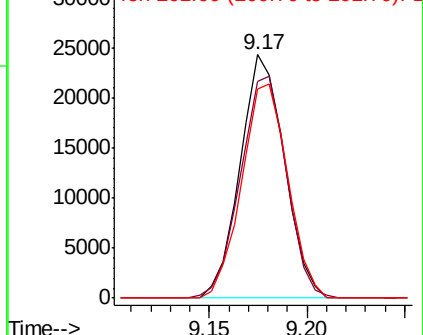
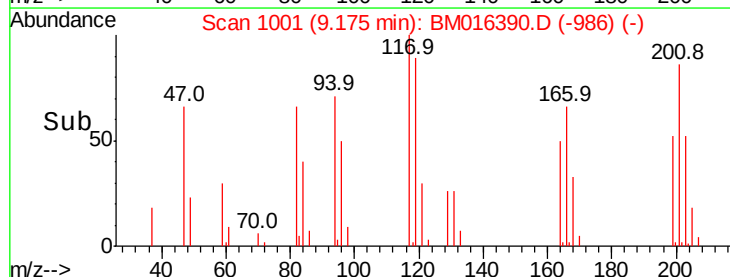


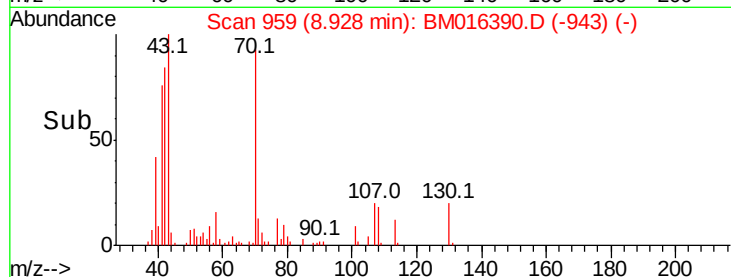
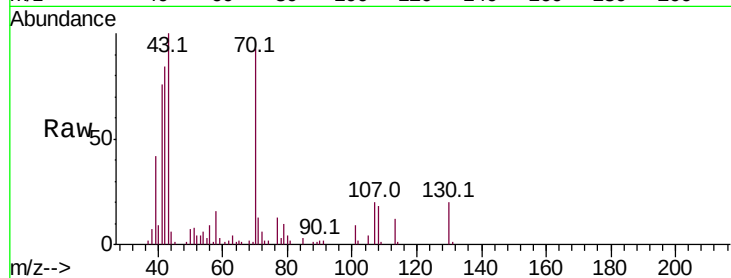
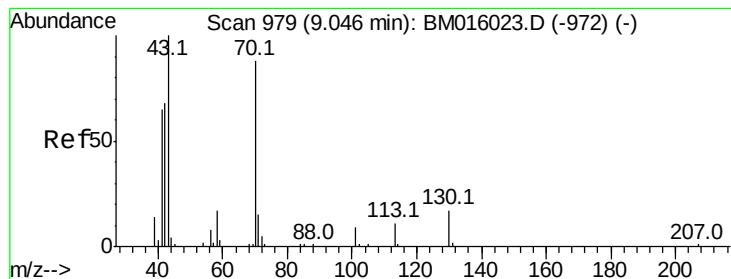
Abundance

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: 36.772 ng

RT: 8.93 min Scan# 959

Delta R.T. -0.01 min

Lab File: BM016390.D

Acq: 15 Aug 2018 21:02

Instrument :

BNA_M

ClientSampleId :

PB112011BS

Tot Ion: 70 Resp: 45907

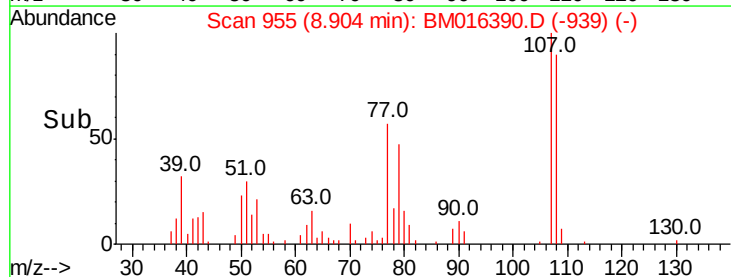
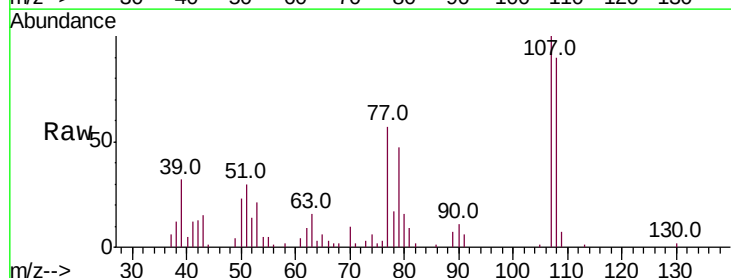
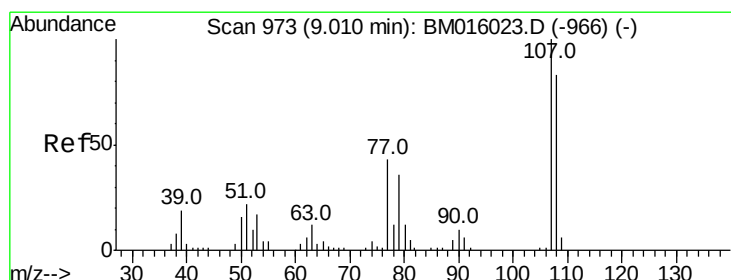
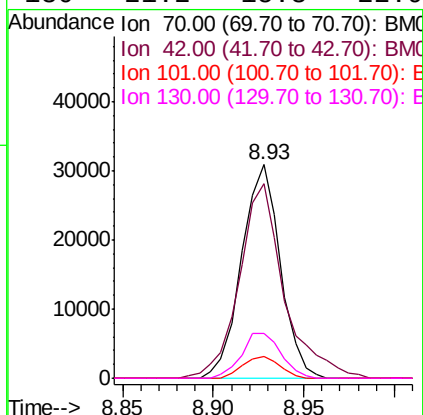
Ion Ratio Lower Upper

70 100

42 91.1 44.5 66.7#

101 10.2 7.4 11.2

130 21.2 15.3 22.9



#20

3+4-Methylphenols

Concen: 35.627 ng

RT: 8.90 min Scan# 955

Delta R.T. -0.01 min

Lab File: BM016390.D

Acq: 15 Aug 2018 21:02

Tgt Ion: 107 Resp: 59838

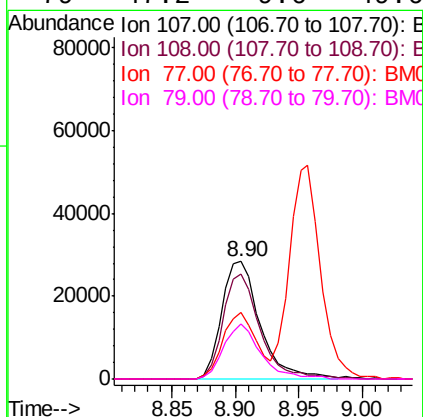
Ion Ratio Lower Upper

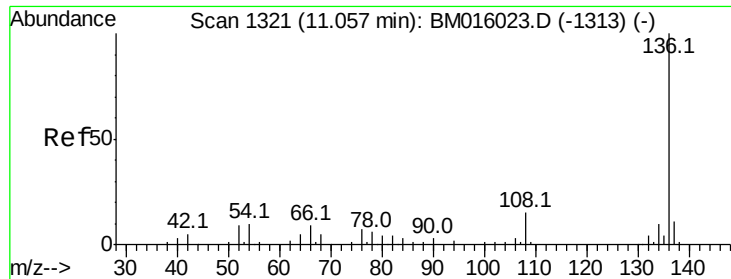
107 100

108 89.8 73.2 113.2

77 57.1 10.7 50.7#

79 47.2 9.6 49.6

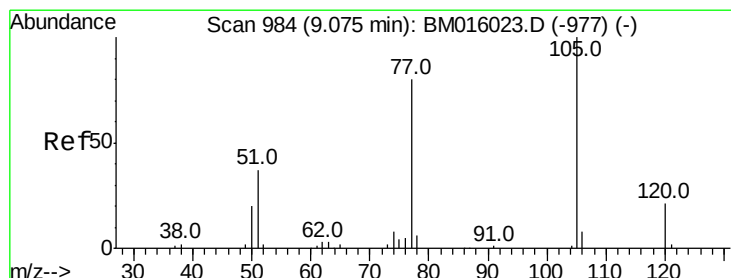
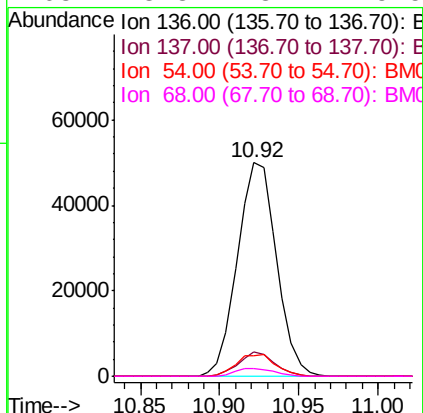
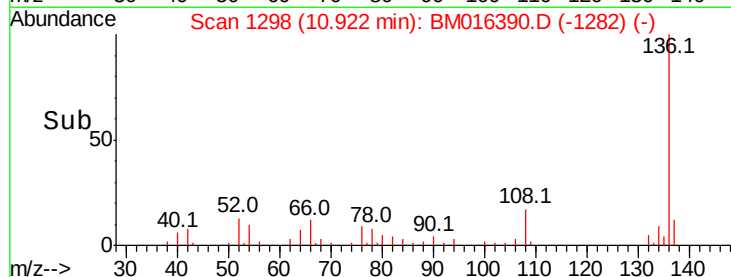
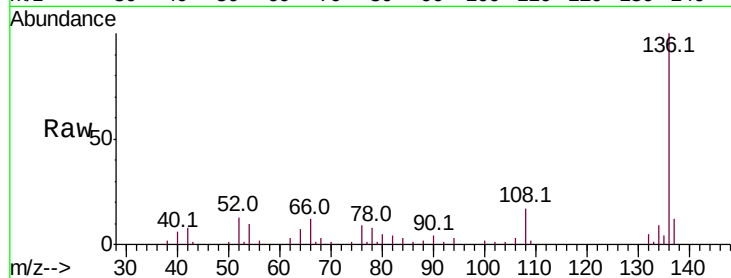




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM016390.D
Acq: 15 Aug 2018 21:02

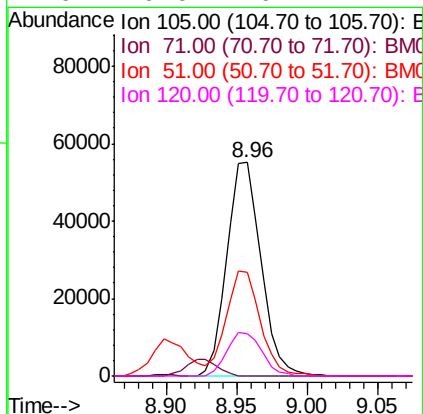
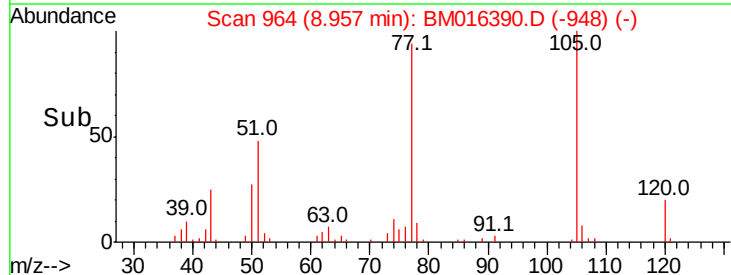
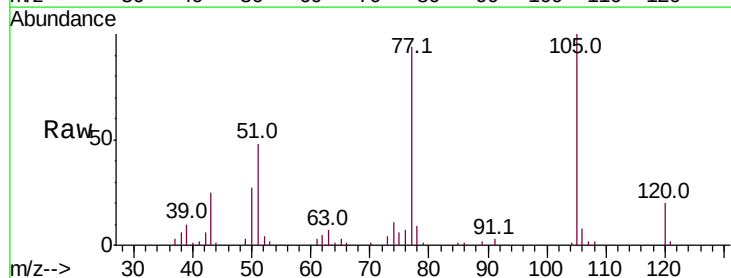
Instrument :
BNA_M
ClientSampleId :
PB112011BS

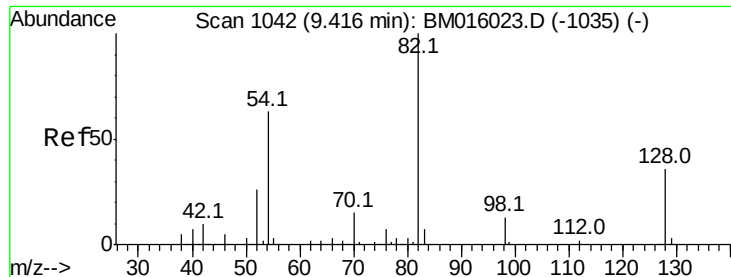
Tot Ion:	136	Resp:	85552
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	9.8	4.6	6.8#
68	3.3	3.7	5.5#



#22
Acetophenone
Concen: 43.334 ng
RT: 8.96 min Scan# 964
Delta R.T. -0.01 min
Lab File: BM016390.D
Acq: 15 Aug 2018 21:02

Tgt Ion:	105	Resp:	93350
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.6	1.0#
51	48.4	21.6	32.4#
120	20.0	16.1	24.1

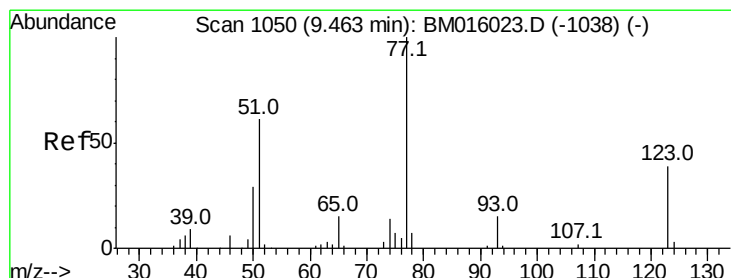
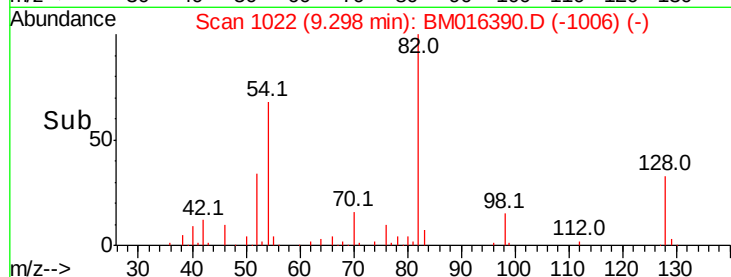
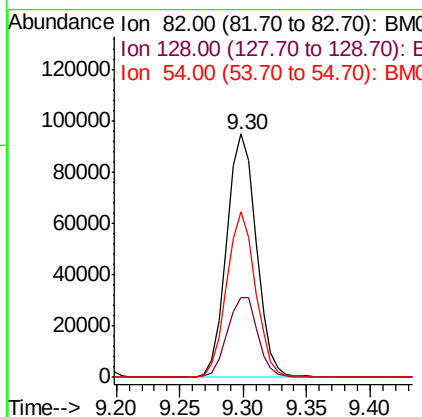
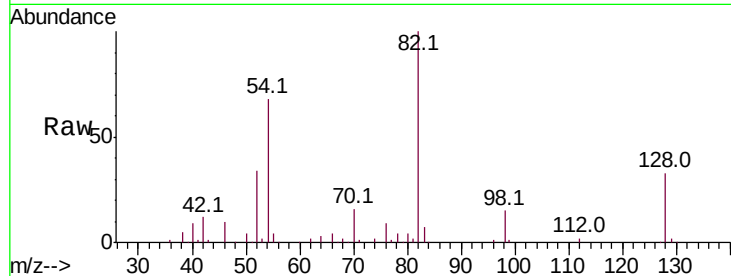




#23
Nitrobenzene-d5
Concen: 43.334 ng
RT: 9.30 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BM016390.D
Acq: 15 Aug 2018 21:02

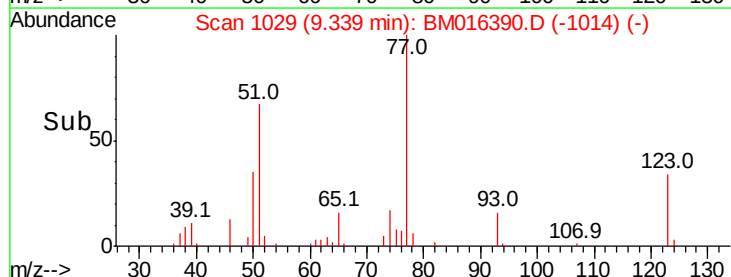
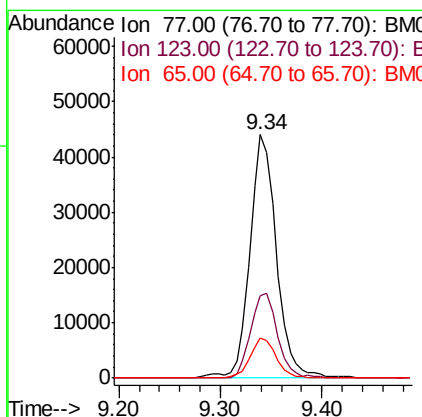
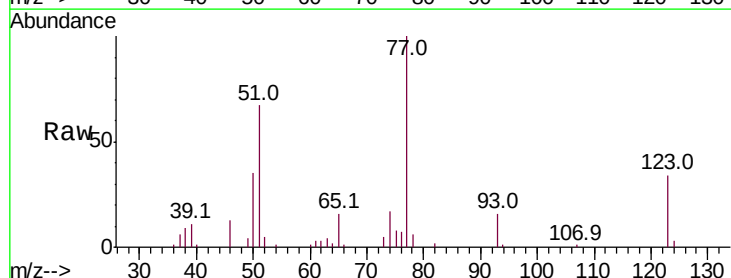
Instrument :
BNA_M
ClientSampleId :
PB112011BS

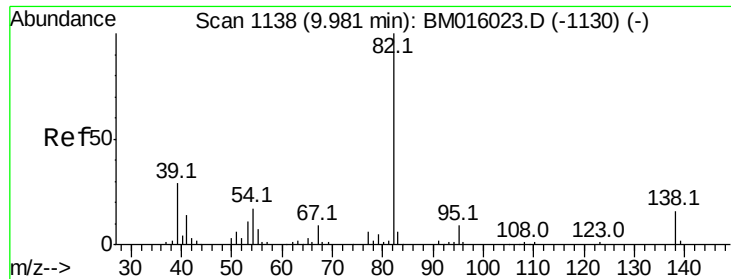
Tot Ion: 82 Resp: 153350
Ion Ratio Lower Upper
82 100
128 33.0 32.8 49.2
54 67.8 40.6 60.8#



#24
Nitrobenzene
Concen: 43.305 ng
RT: 9.34 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BM016390.D
Acq: 15 Aug 2018 21:02

Tgt Ion: 77 Resp: 80178
Ion Ratio Lower Upper
77 100
123 34.1 32.6 49.0
65 16.3 10.9 16.3





#25

Isophorone

Concen: 46.477 ng

RT: 9.86 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BM016390.D

Acq: 15 Aug 2018 21:02

Instrument :

BNA_M

ClientSampleId :

PB112011BS

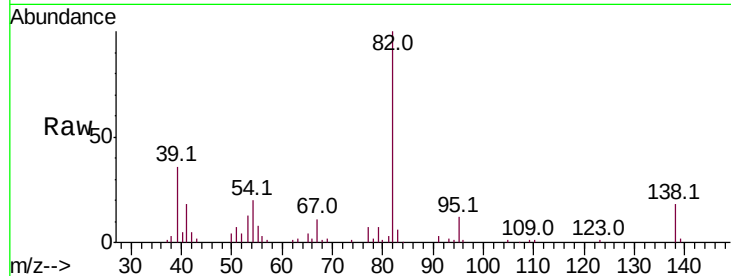
Tot Ion: 82 Resp: 116937

Ion Ratio Lower Upper

82 100

95 11.8 5.8 8.6#

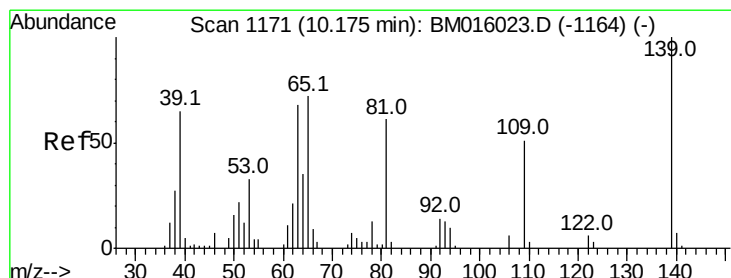
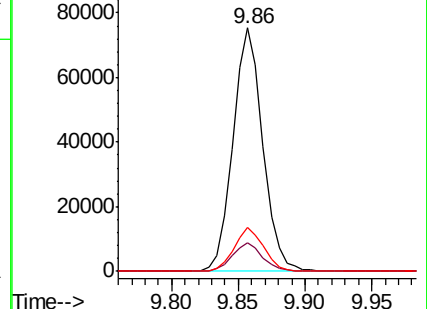
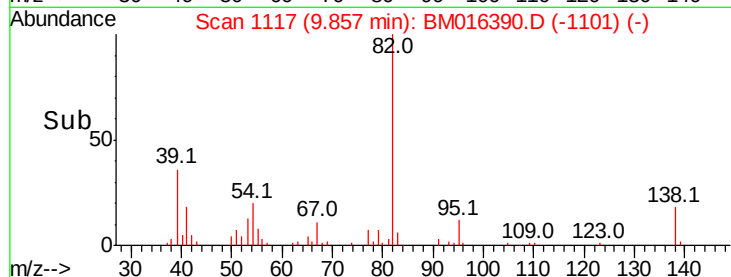
138 17.9 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BM016390.D (-1117) (-)

Ion 95.00 (94.70 to 95.70): BM016390.D (-1117) (-)

Ion 138.00 (137.70 to 138.70): BM016390.D (-1117) (-)



#26

2-Nitrophenol

Concen: 41.030 ng

RT: 10.05 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BM016390.D

Acq: 15 Aug 2018 21:02

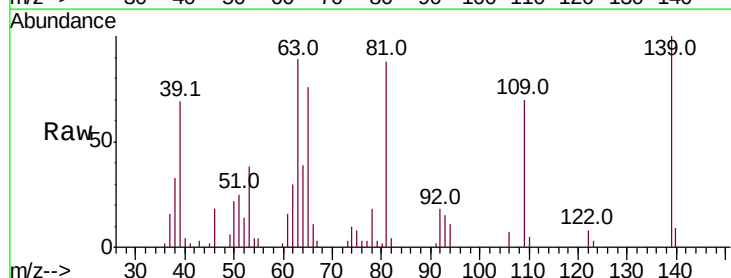
Tgt Ion: 139 Resp: 31712

Ion Ratio Lower Upper

139 100

109 70.3 20.1 30.1#

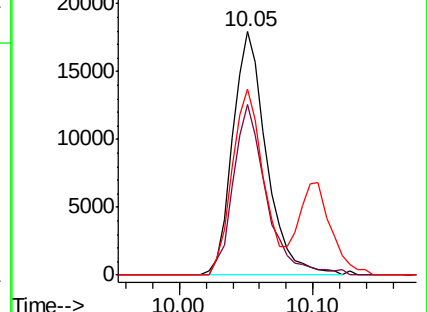
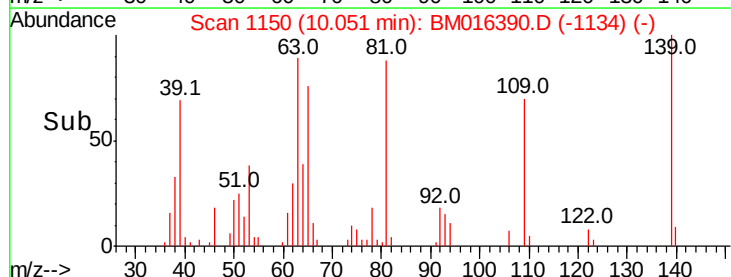
65 76.3 31.5 47.3#

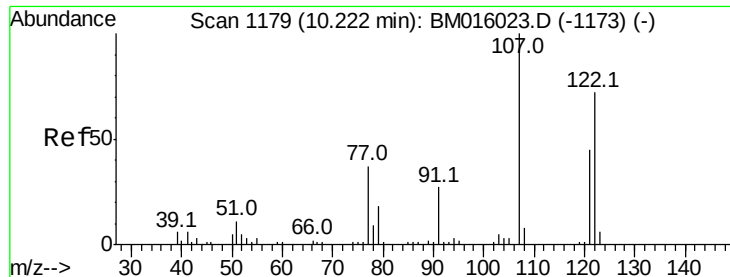


Abundance Ion 139.00 (138.70 to 139.70): BM016390.D (-1150) (-)

Ion 109.00 (108.70 to 109.70): BM016390.D (-1150) (-)

Ion 65.00 (64.70 to 65.70): BM016390.D (-1150) (-)

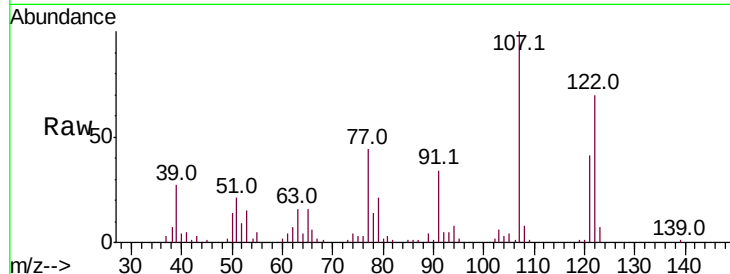




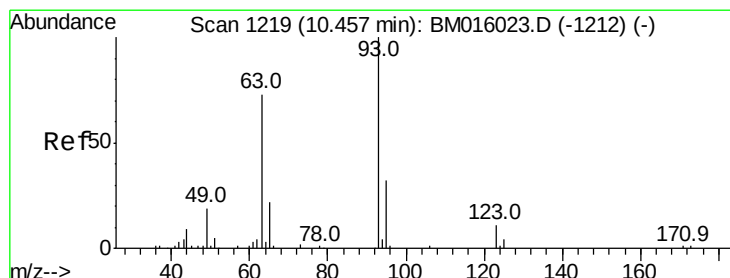
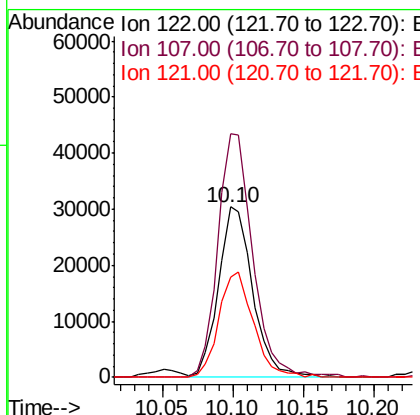
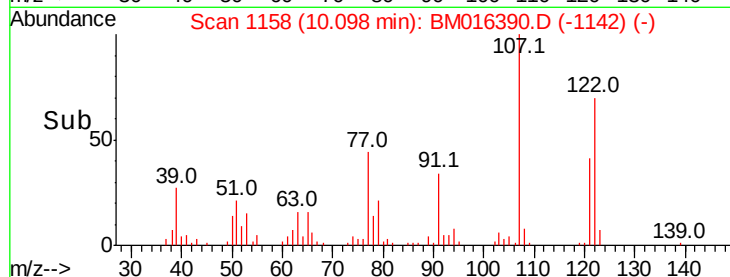
#27
 2,4-Dimethylphenol
 Concen: 47.808 ng
 RT: 10.10 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BM016390.D
 Acq: 15 Aug 2018 21:02

Instrument :
 BNA_M
 ClientSampleId :
 PB112011BS

Tot Ion:122 Resp: 51479
 Ion Ratio Lower Upper
 122 100
 107 143.2 84.7 127.1#
 121 59.2 46.6 69.8

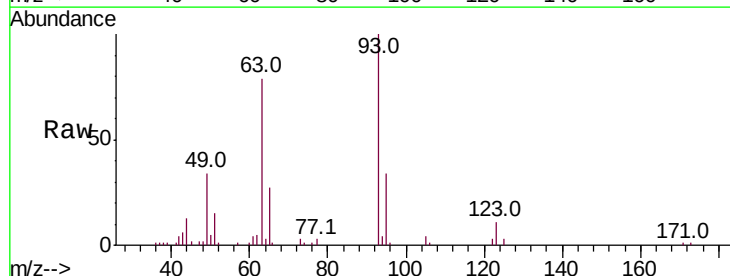


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

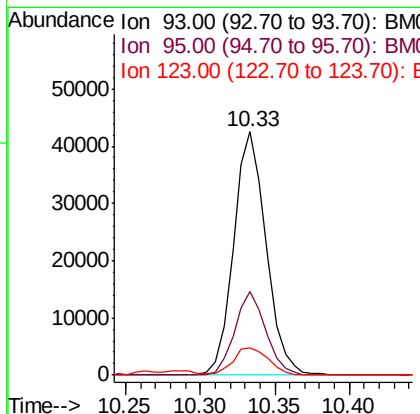
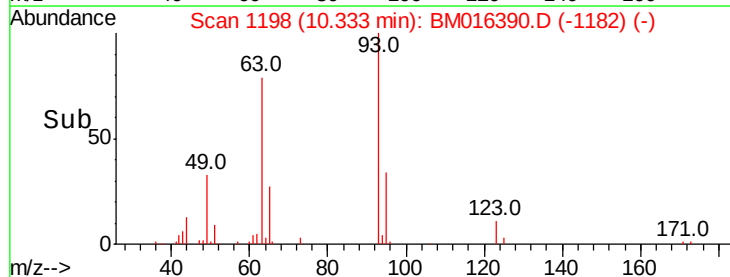


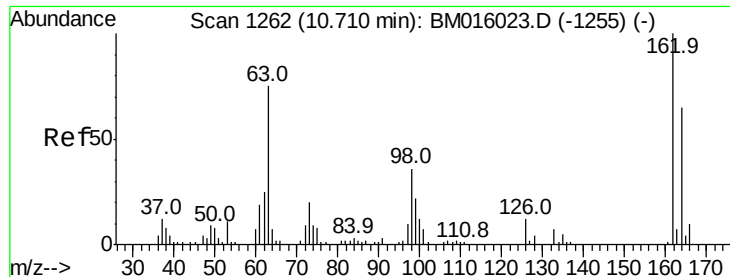
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.317 ng
 RT: 10.33 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BM016390.D
 Acq: 15 Aug 2018 21:02

Tgt Ion: 93 Resp: 64294
 Ion Ratio Lower Upper
 93 100
 95 34.4 25.5 38.3
 123 11.5 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

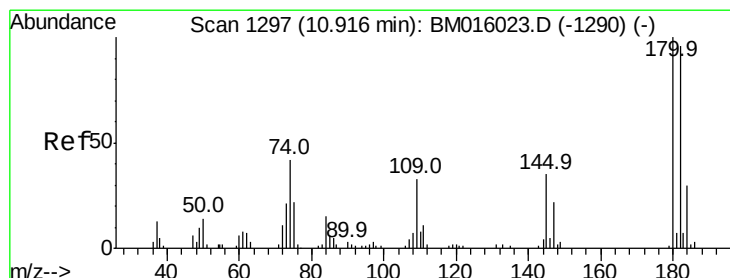
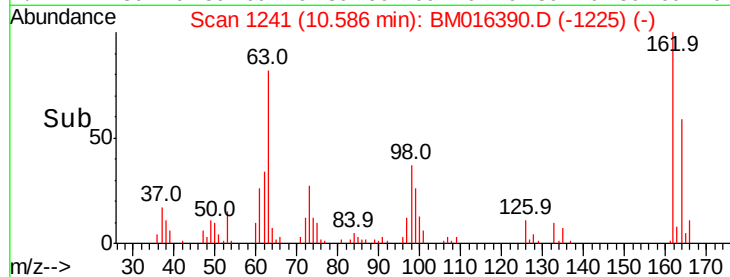
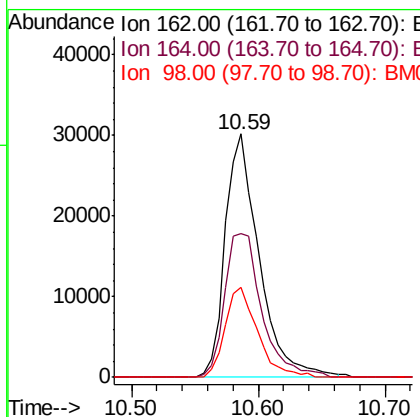
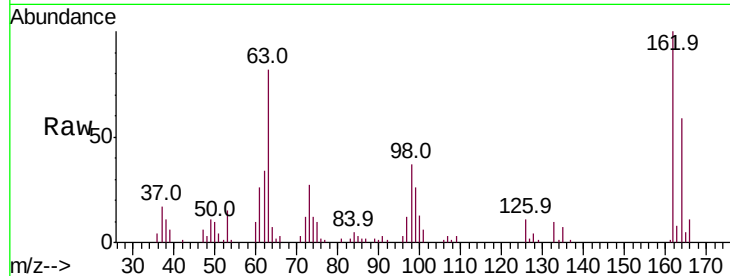




#29
 2,4-Dichlorophenol
 Concen: 43.760 ng
 RT: 10.59 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: BM016390.D
 Acq: 15 Aug 2018 21:02

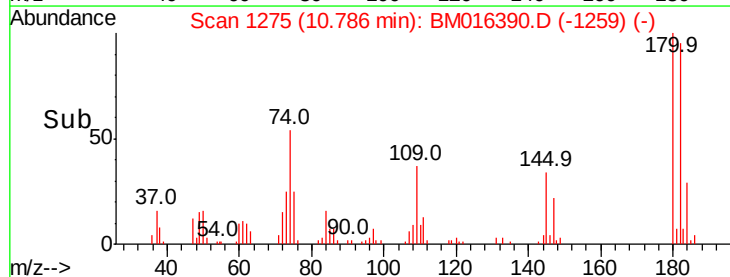
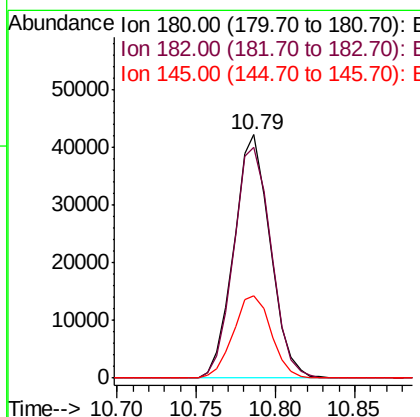
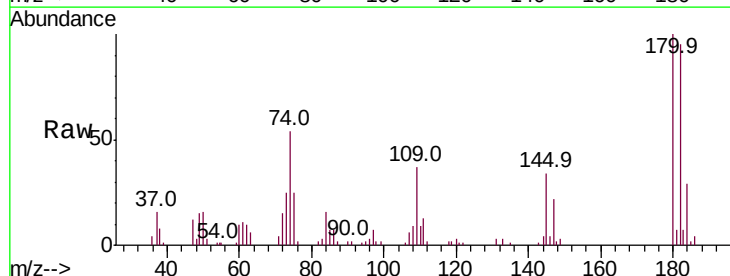
Instrument :
 BNA_M
 ClientSampleId :
 PB112011BS

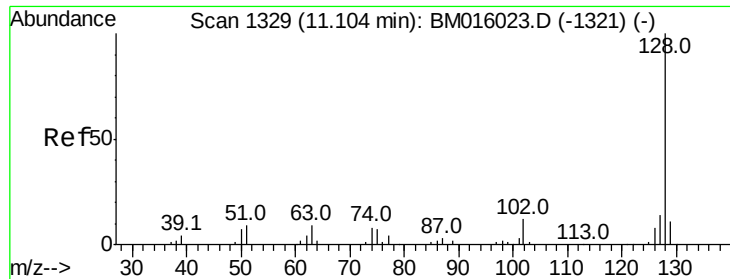
Tot Ion	Ratio	Lower	Upper
162	100		
164	59.2	42.8	82.8
98	37.1	14.5	54.5



#30
 1,2,4-Trichlorobenzene
 Concen: 43.086 ng
 RT: 10.79 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BM016390.D
 Acq: 15 Aug 2018 21:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	77.6	116.4
145	33.9	23.4	35.2

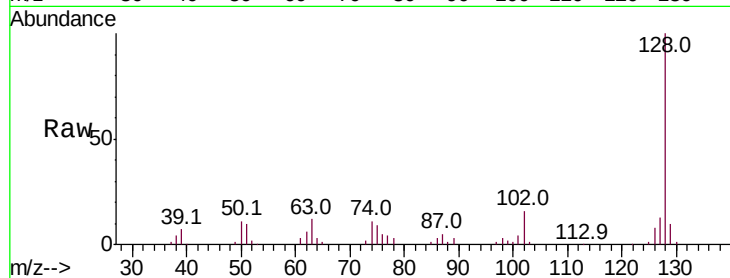




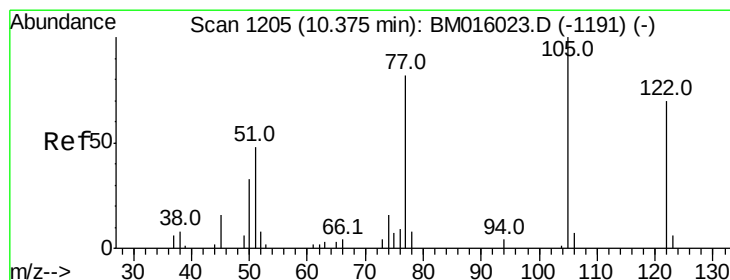
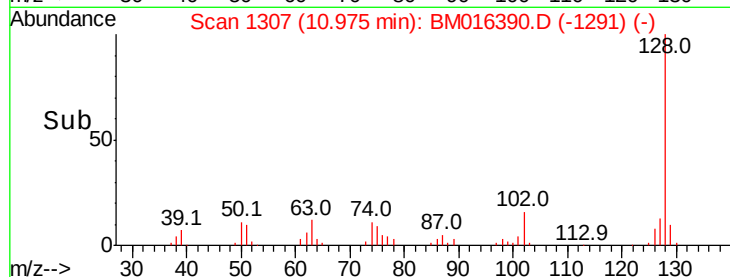
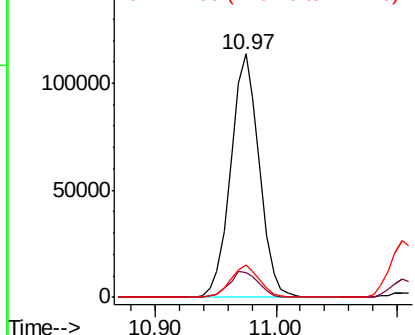
#31
Naphthalene
Concen: 43.070 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BM016390.D
Acq: 15 Aug 2018 21:02

Instrument :
BNA_M
ClientSampleId :
PB112011BS

Tot Ion:128 Resp: 186487
Ion Ratio Lower Upper
128 100
129 10.4 8.9 13.3
127 13.2 10.4 15.6

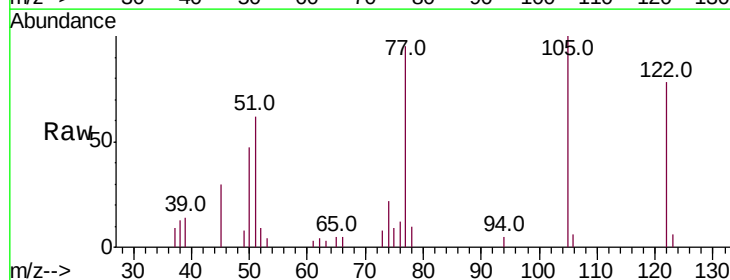


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

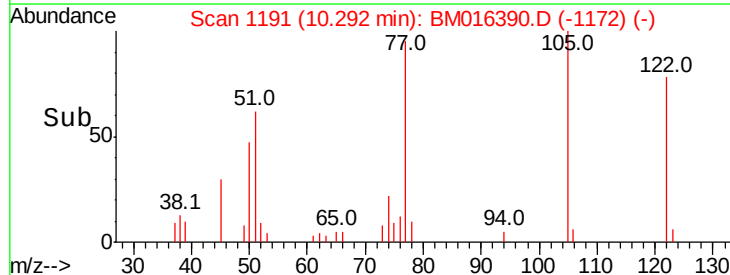
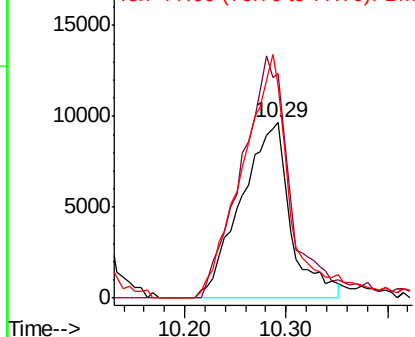


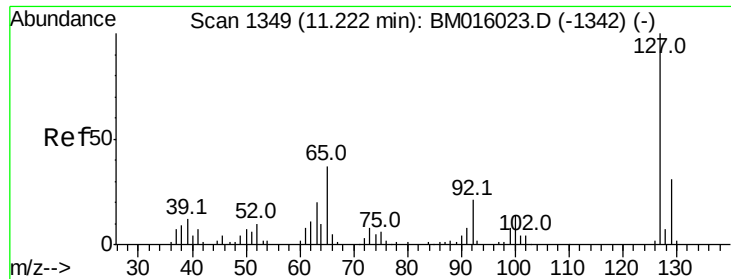
#32
Benzoic acid
Concen: 39.953 ng
RT: 10.29 min Scan# 1191
Delta R.T. 0.01 min
Lab File: BM016390.D
Acq: 15 Aug 2018 21:02

Tgt Ion:122 Resp: 32795
Ion Ratio Lower Upper
122 100
105 128.0 99.9 139.9
77 121.5 73.7 113.7#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM

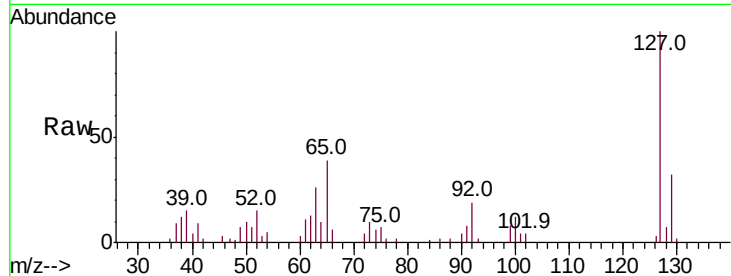




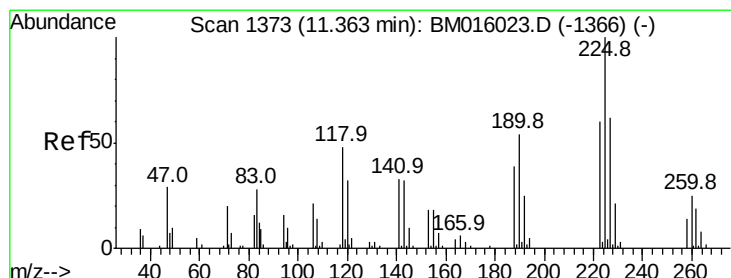
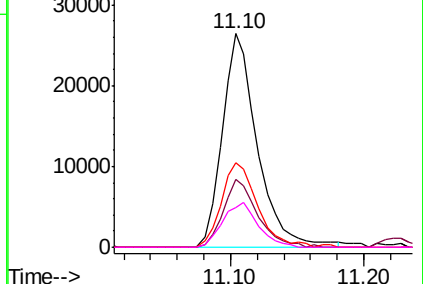
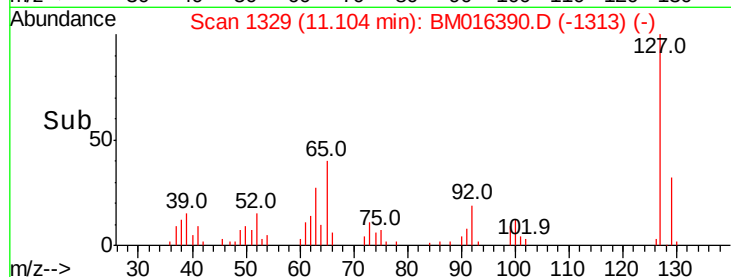
#33
 4-Chloroaniline
 Concen: 27.439 ng
 RT: 11.10 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BM016390.D
 Acq: 15 Aug 2018 21:02

Instrument :
 BNA_M
 ClientSampleId :
 PB112011BS

Tot Ion:	127	Resp:	48482
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.3	37.9
65	39.5	17.6	26.4
92	18.7	13.1	19.7

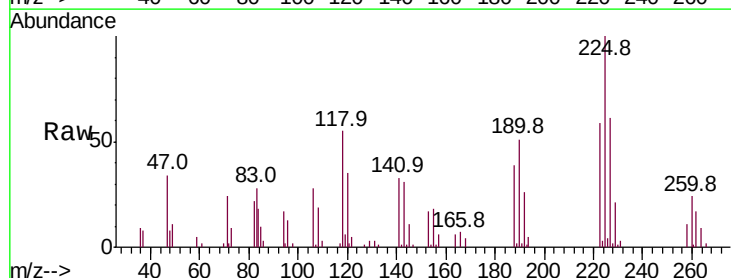


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BM
 Ion 92.00 (91.70 to 92.70): BM

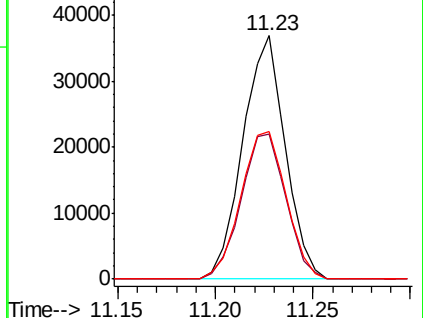
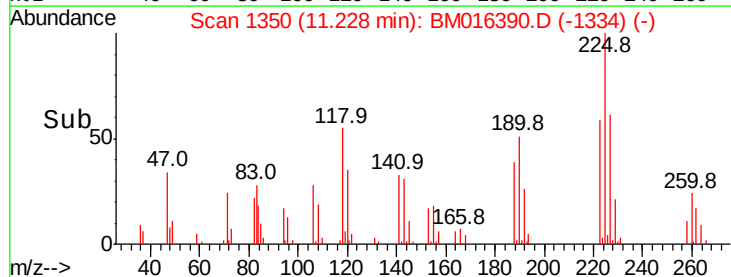


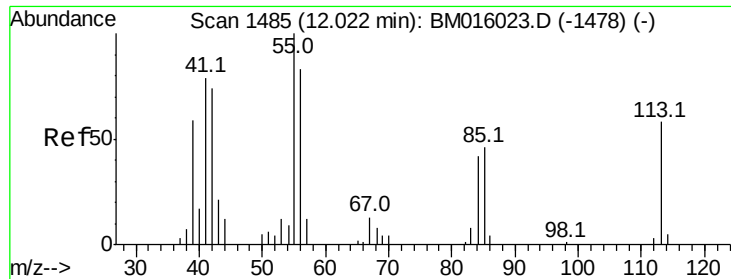
#34
 Hexachlorobutadiene
 Concen: 51.393 ng
 RT: 11.23 min Scan# 1350
 Delta R.T. -0.01 min
 Lab File: BM016390.D
 Acq: 15 Aug 2018 21:02

Tgt Ion:	225	Resp:	55422
Ion	Ratio	Lower	Upper
225	100		
223	59.4	47.9	71.9
227	60.5	50.1	75.1



Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 38.723 ng

RT: 11.92 min Scan# 1468

Delta R.T. -0.00 min

Lab File: BM016390.D

Acq: 15 Aug 2018 21:02

Instrument :

BNA_M

ClientSampleId :

PB112011BS

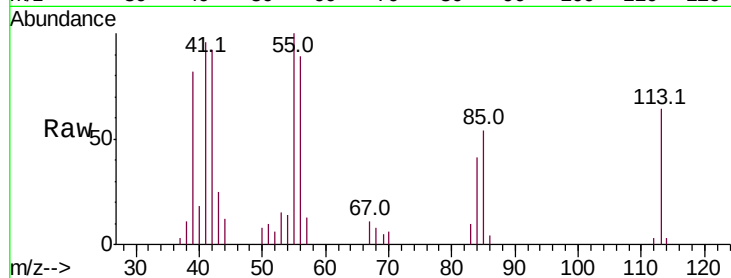
Tot Ion:113 Resp: 13723

Ion Ratio Lower Upper

113 100

55 156.1 145.9 185.9

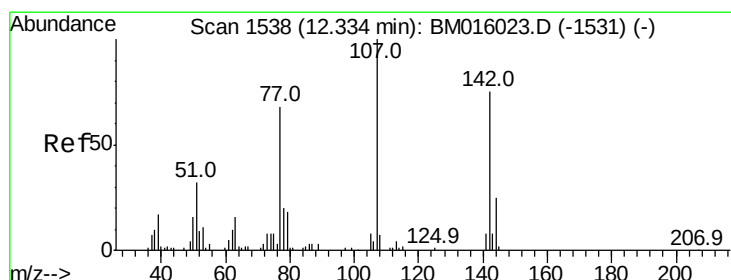
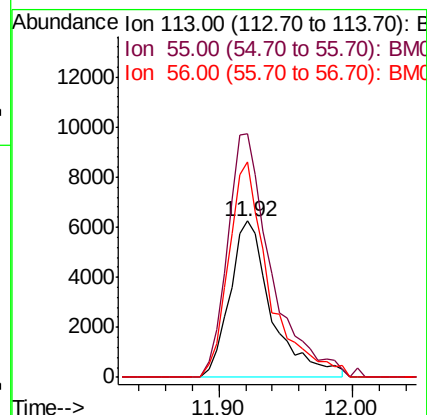
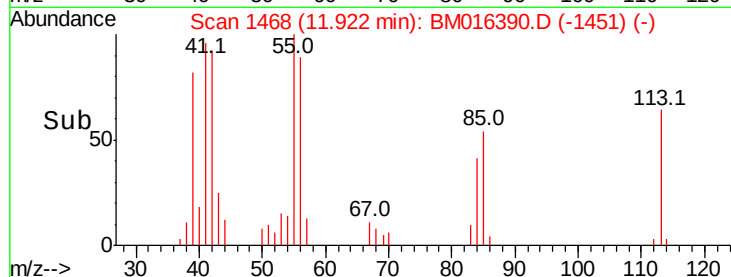
56 138.4 101.0 141.0



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: 42.344 ng

RT: 12.23 min Scan# 1520

Delta R.T. -0.00 min

Lab File: BM016390.D

Acq: 15 Aug 2018 21:02

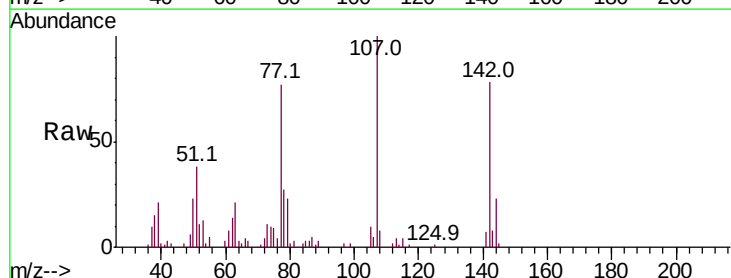
Tgt Ion:107 Resp: 59592

Ion Ratio Lower Upper

107 100

144 23.1 23.3 34.9#

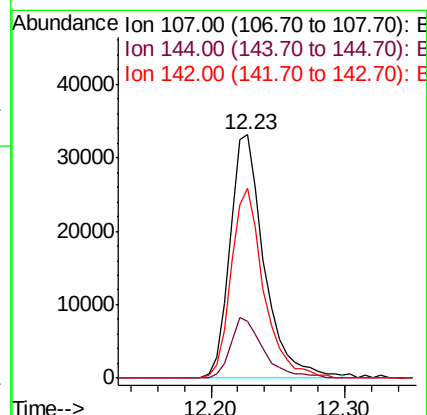
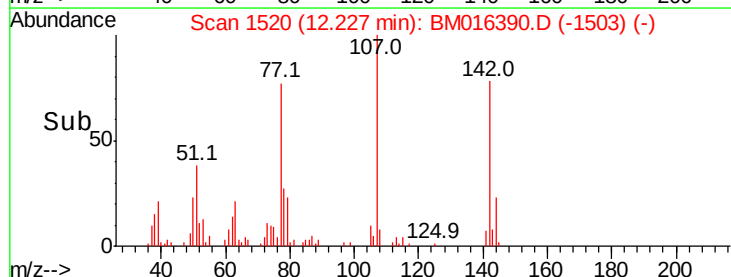
142 77.9 72.6 109.0

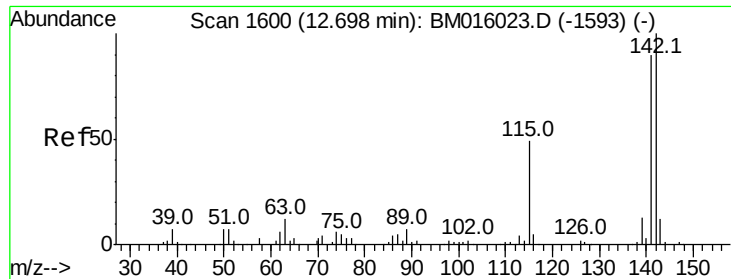


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

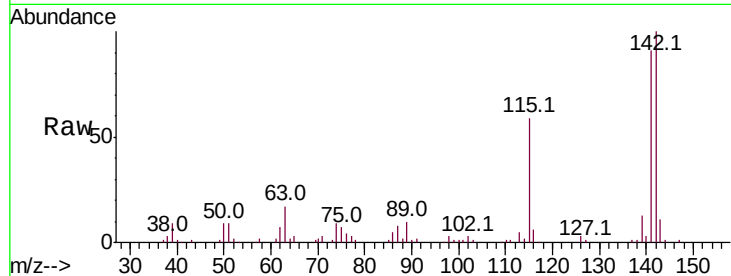




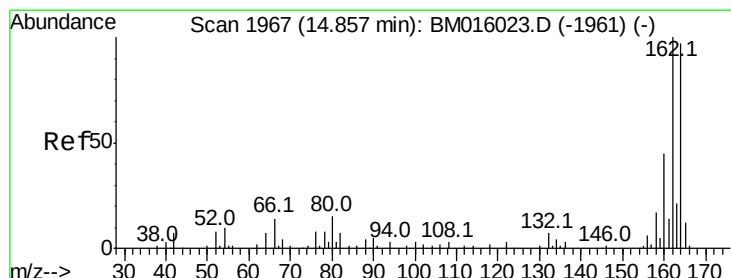
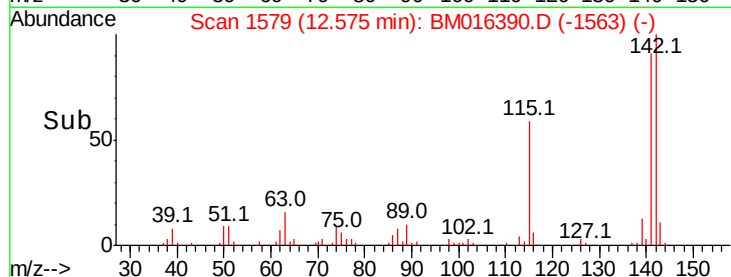
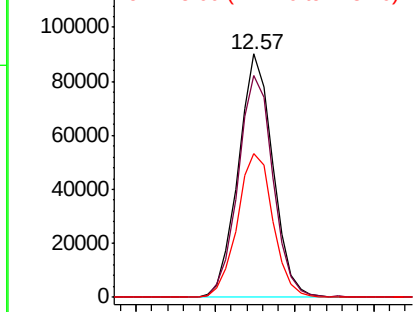
#37
2-Methylnaphthalene
Concen: 46.900 ng
RT: 12.57 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BM016390.D
Acq: 15 Aug 2018 21:02

Instrument :
BNA_M
ClientSampleId :
PB112011BS

Tot Ion:142 Resp: 136034
Ion Ratio Lower Upper
142 100
141 91.1 71.9 107.9
115 59.0 25.4 38.0#

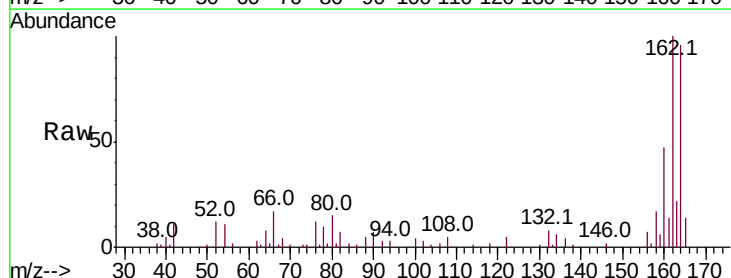


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

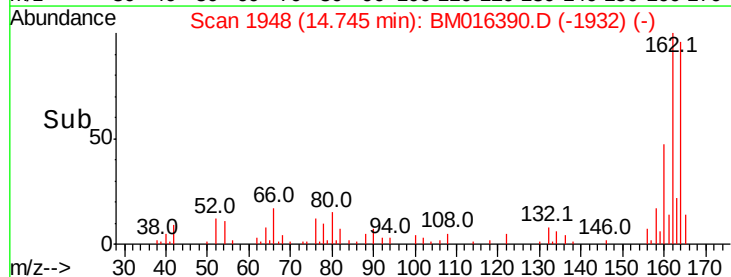
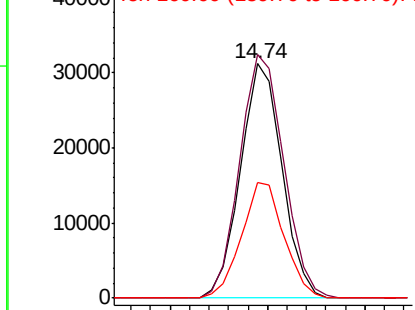


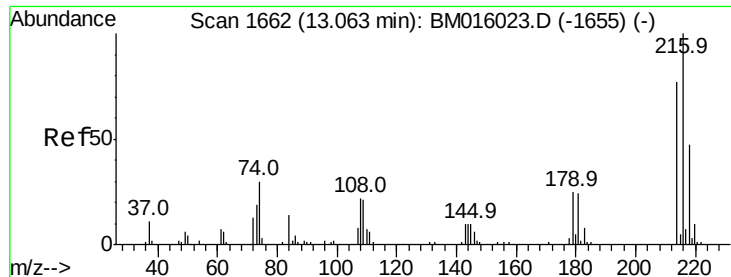
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BM016390.D
Acq: 15 Aug 2018 21:02

Tgt Ion:164 Resp: 46037
Ion Ratio Lower Upper
164 100
162 103.9 82.4 123.6
160 49.3 35.8 53.6



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

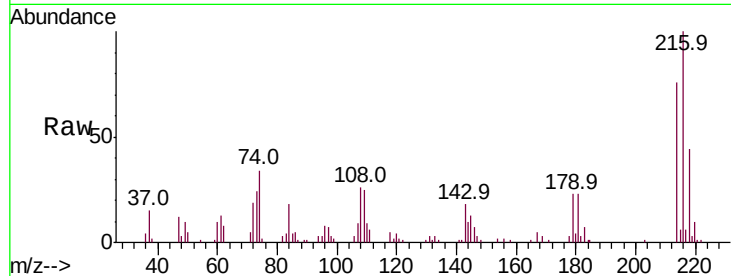




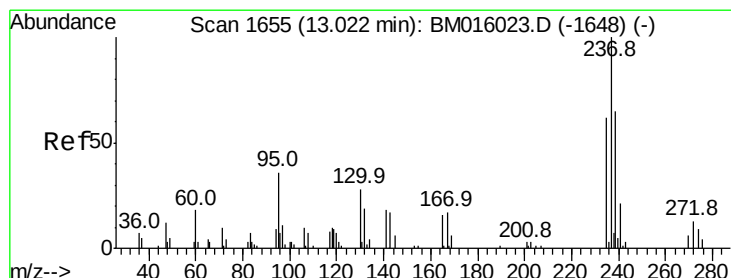
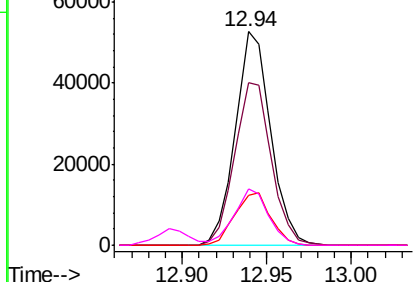
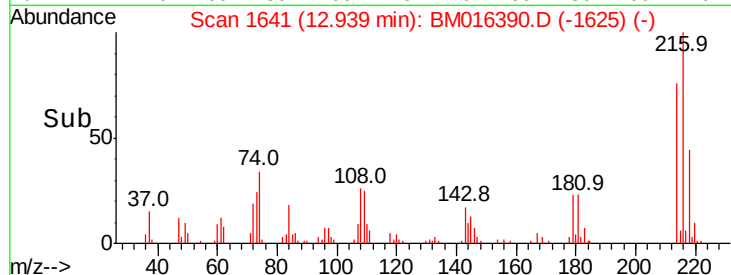
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.934 ng
 RT: 12.94 min Scan# 1641
 Delta R.T. -0.01 min
 Lab File: BM016390.D
 Acq: 15 Aug 2018 21:02

Instrument :
 BNA_M
 ClientSampleId :
 PB112011BS

Tot Ion:	216	Resp:	76695
Ion	Ratio	Lower	Upper
216	100		
214	79.2	0.0	0.0#
179	25.1	0.0	0.0#
108	25.7	0.0	0.0#

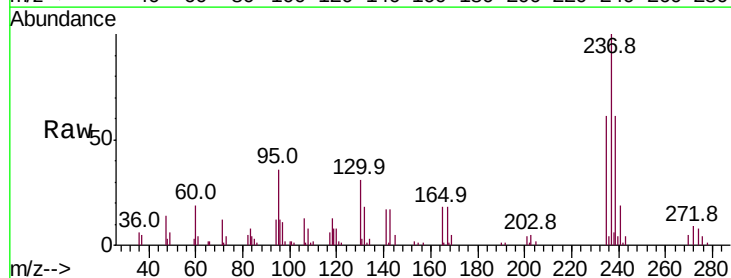


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

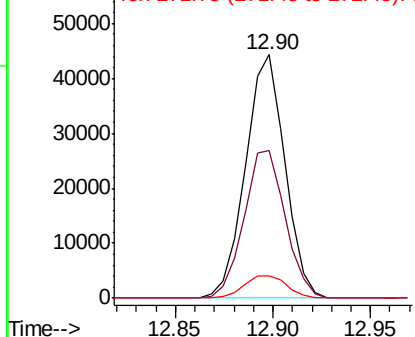
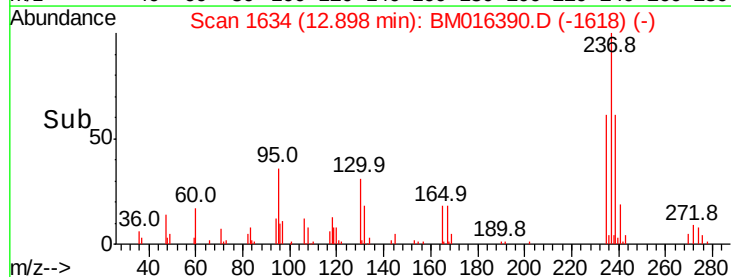


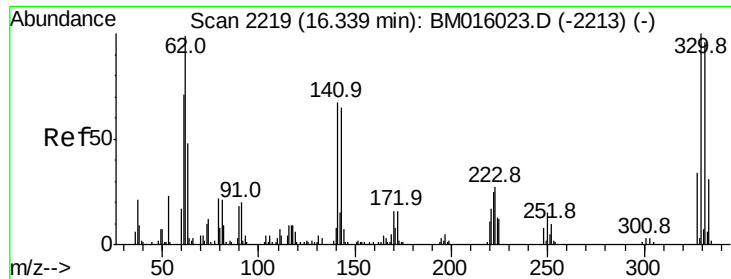
#40
 Hexachlorocyclopentadiene
 Concen: 80.458 ng
 RT: 12.90 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BM016390.D
 Acq: 15 Aug 2018 21:02

Tgt Ion:	237	Resp:	61936
Ion	Ratio	Lower	Upper
237	100		
235	60.6	42.0	82.0
272	9.0	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

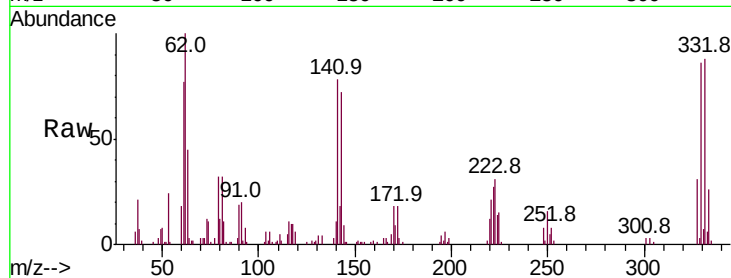




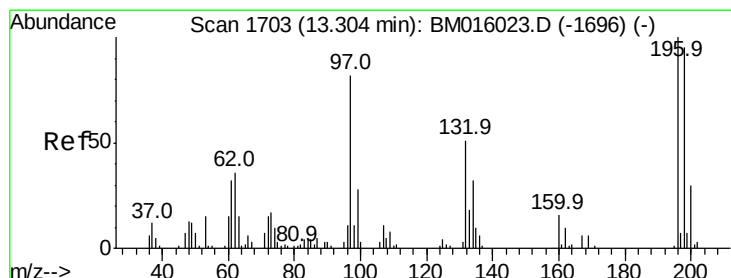
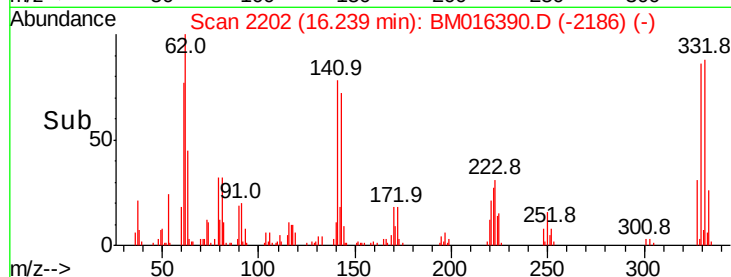
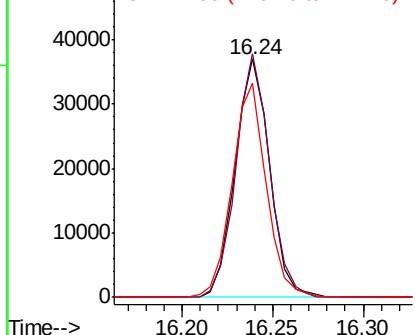
#41
 2,4,6-Tribromophenol
 Concen: 80.458 ng
 RT: 16.24 min Scan# 2202
 Delta R.T. -0.01 min
 Lab File: BM016390.D
 Acq: 15 Aug 2018 21:02

Instrument :
 BNA_M
 ClientSampleId :
 PB112011BS

Tot Ion:330 Resp: 48856
 Ion Ratio Lower Upper
 330 100
 332 99.6 0.0 0.0#
 141 88.9 0.0 0.0#

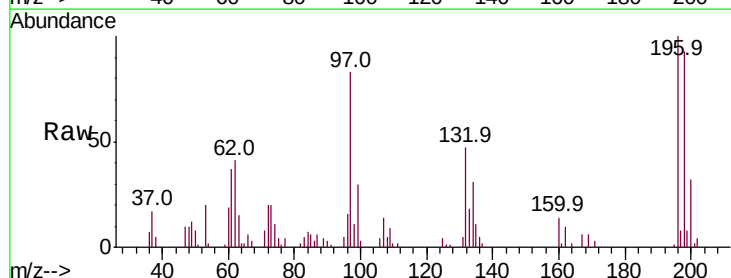


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

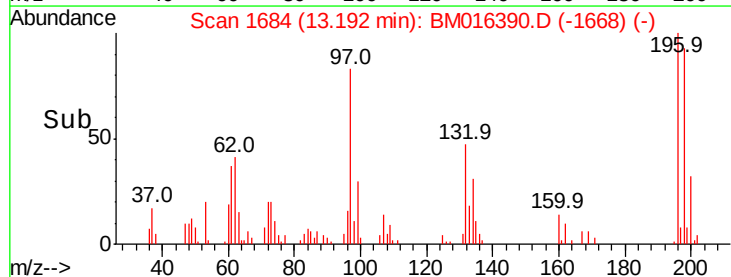
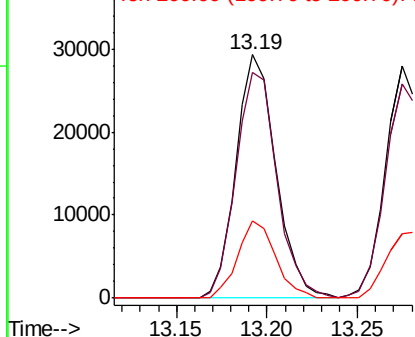


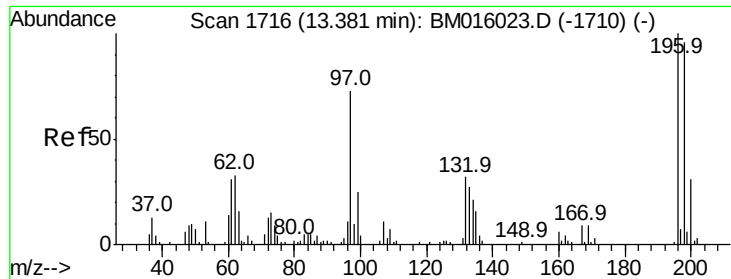
#42
 2,4,6-Trichlorophenol
 Concen: 45.943 ng
 RT: 13.19 min Scan# 1684
 Delta R.T. -0.01 min
 Lab File: BM016390.D
 Acq: 15 Aug 2018 21:02

Tgt Ion:196 Resp: 45052
 Ion Ratio Lower Upper
 196 100
 198 92.9 76.3 114.5
 200 31.5 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

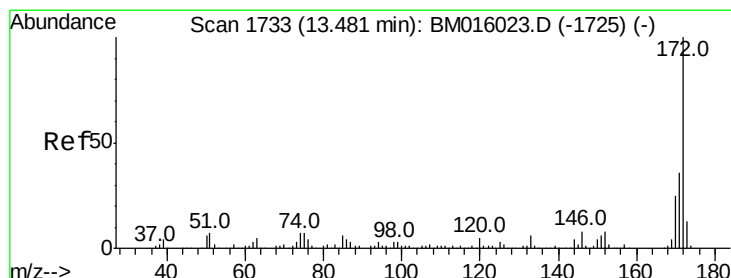
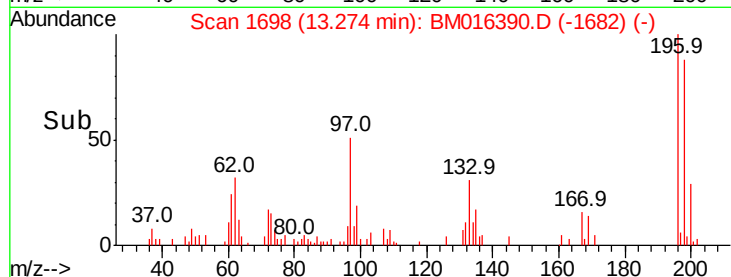
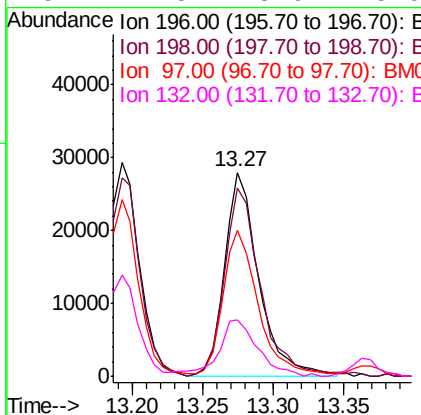
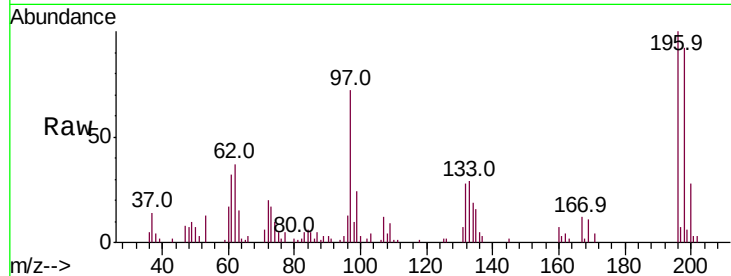




#43
 2,4,5-Trichlorophenol
 Concen: 46.703 ng
 RT: 13.27 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BM016390.D
 Acq: 15 Aug 2018 21:02

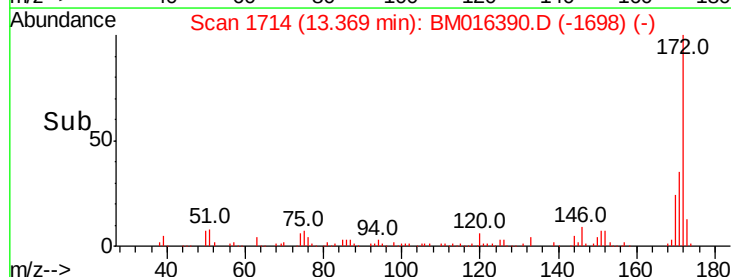
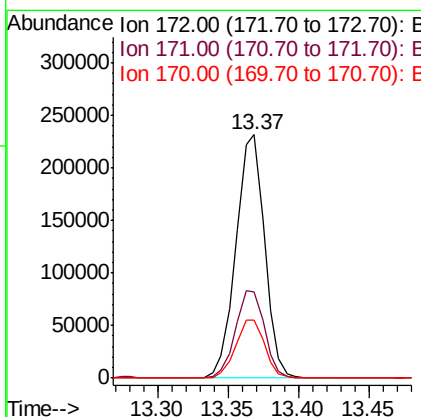
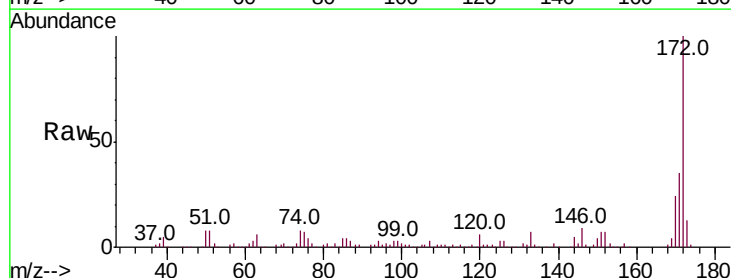
Instrument :
 BNA_M
 ClientSampleId :
 PB112011BS

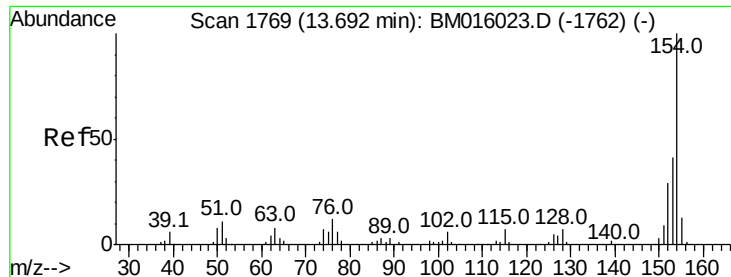
Tot Ion:	196	Resp:	47239
Ion	Ratio	Lower	Upper
196	100		
198	92.3	79.4	119.0
97	71.6	26.8	40.2#
132	27.8	18.6	28.0



#44
 2-Fluorobiphenyl
 Concen: 46.703 ng
 RT: 13.37 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BM016390.D
 Acq: 15 Aug 2018 21:02

Tgt Ion:	172	Resp:	327679
Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.5	42.7
170	24.0	18.8	28.2

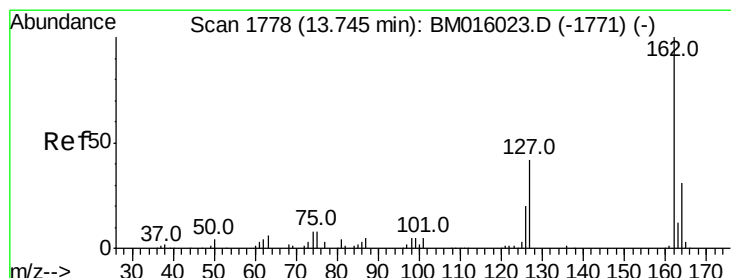
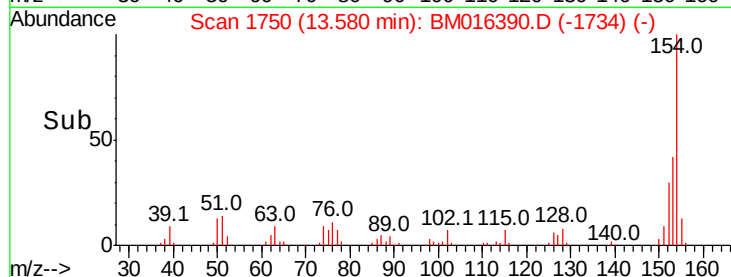
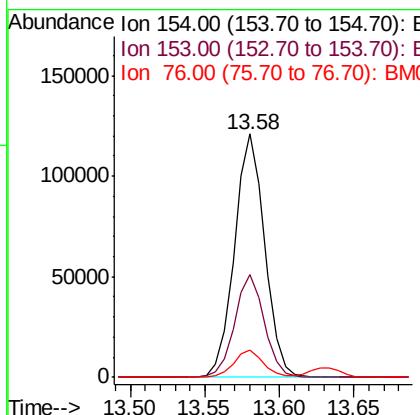
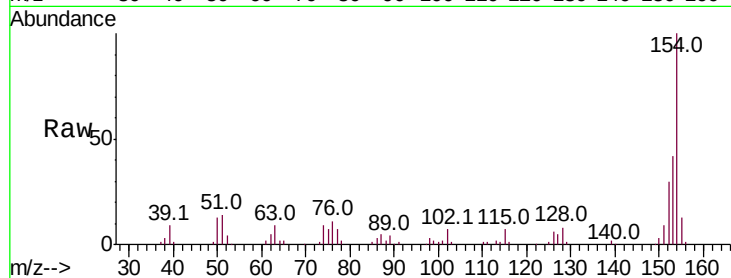




#45
 1,1'-Biphenyl
 Concen: 41.027 ng
 RT: 13.58 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BM016390.D
 Acq: 15 Aug 2018 21:02

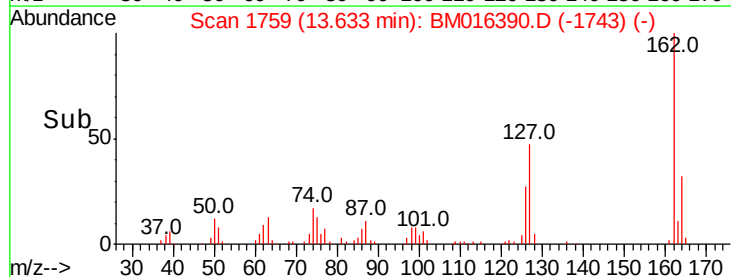
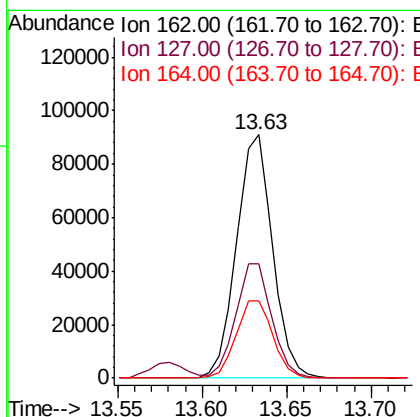
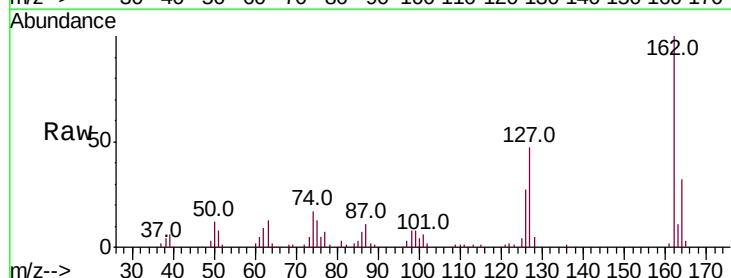
Instrument :
 BNA_M
 ClientSampleId :
 PB112011BS

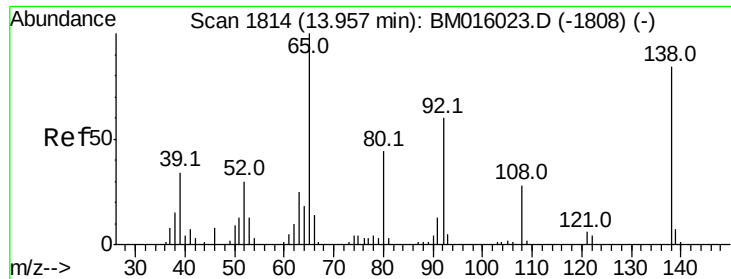
Tot Ion	Ratio	Lower	Upper
154	100		
153	42.1	20.7	60.7
76	11.4	0.0	30.9



#46
 2-Chloronaphthalene
 Concen: 41.820 ng
 RT: 13.63 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BM016390.D
 Acq: 15 Aug 2018 21:02

Tgt Ion	Ratio	Lower	Upper
162	100		
127	47.1	26.9	40.3#
164	31.5	26.8	40.2

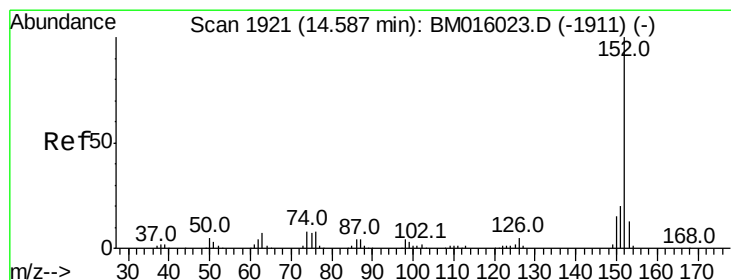
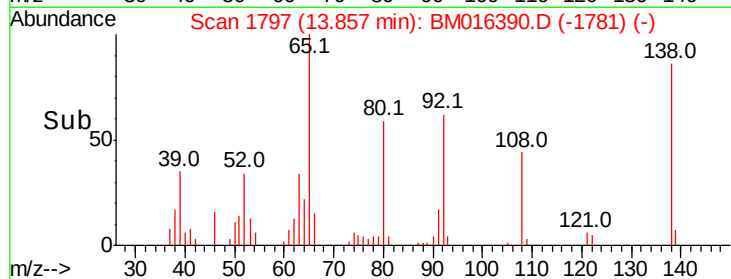
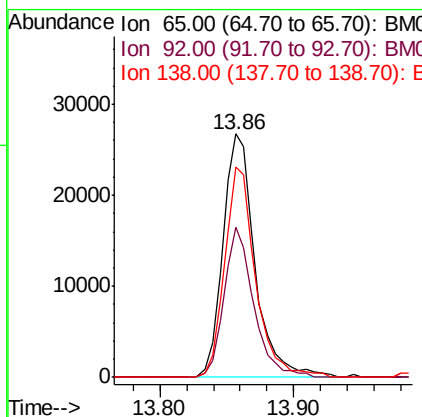
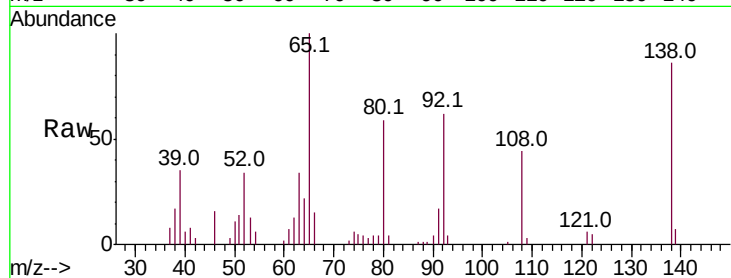




#47
 2-Nitroaniline
 Concen: 42.149 ng
 RT: 13.86 min Scan# 1797
 Delta R.T. -0.01 min
 Lab File: BM016390.D
 Acq: 15 Aug 2018 21:02

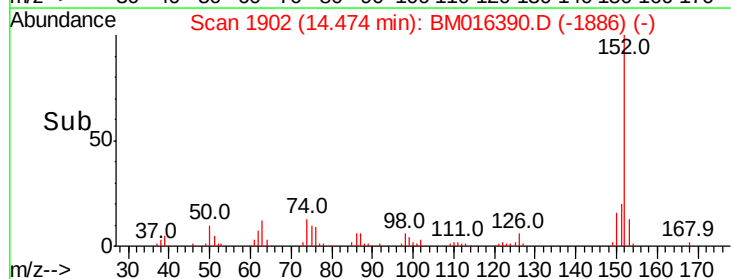
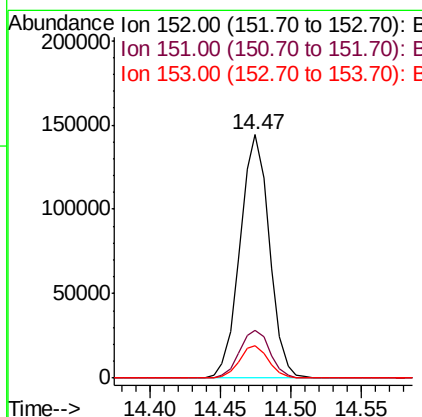
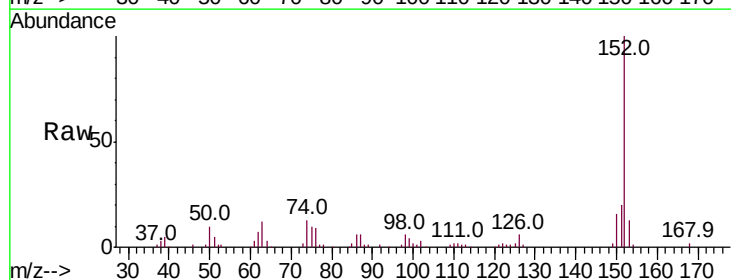
Instrument :
 BNA_M
 ClientSampleId :
 PB112011BS

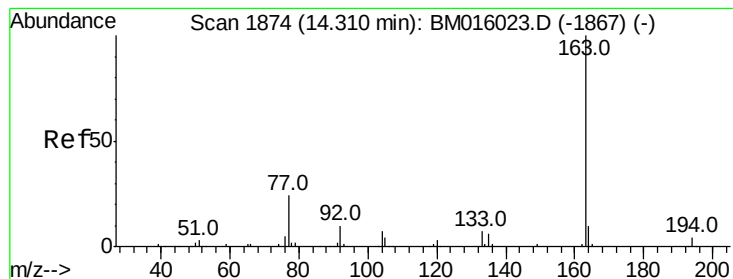
Tot Ion: 65 Resp: 45030
 Ion Ratio Lower Upper
 65 100
 92 61.8 59.1 88.7
 138 86.4 93.9 140.9#



#48
 Acenaphthylene
 Concen: 44.428 ng
 RT: 14.47 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: BM016390.D
 Acq: 15 Aug 2018 21:02

Tgt Ion:152 Resp: 210170
 Ion Ratio Lower Upper
 152 100
 151 19.9 15.9 23.9
 153 13.3 10.6 16.0





#49

Dimethylphthalate

Concen: 43.142 ng

RT: 14.20 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BM016390.D

Acq: 15 Aug 2018 21:02

Instrument :

BNA_M

ClientSampleId :

PB112011BS

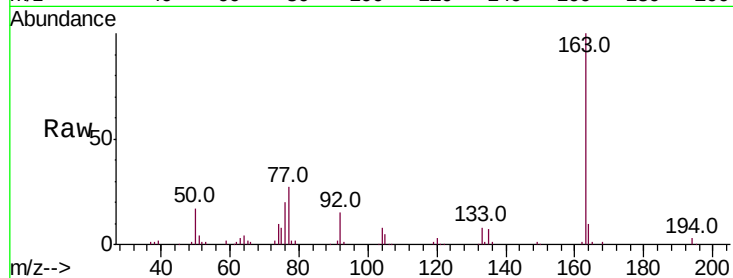
Tot Ion:163 Resp: 173816

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

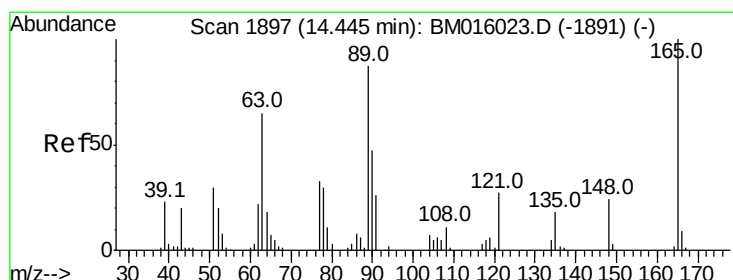
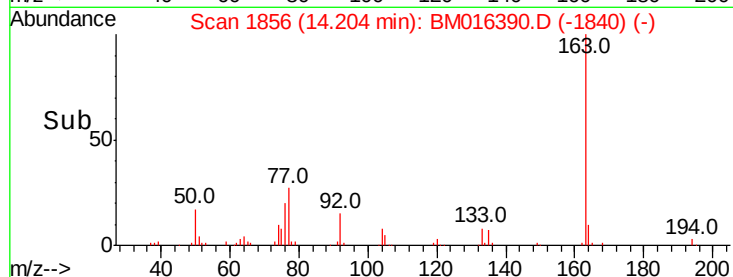
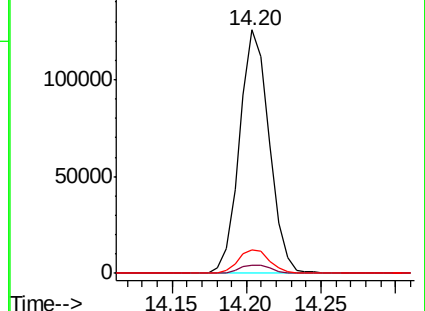
164 9.9 8.2 12.2



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: 41.135 ng

RT: 14.34 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BM016390.D

Acq: 15 Aug 2018 21:02

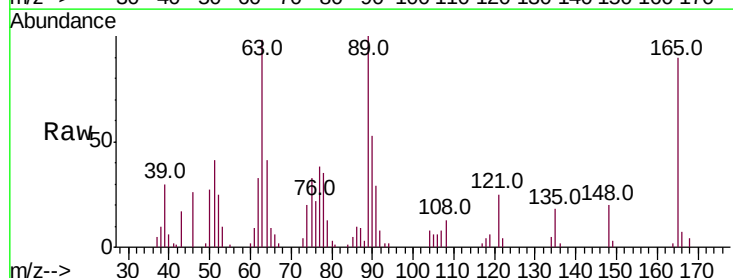
Tgt Ion:165 Resp: 33346

Ion Ratio Lower Upper

165 100

63 108.6 44.1 66.1#

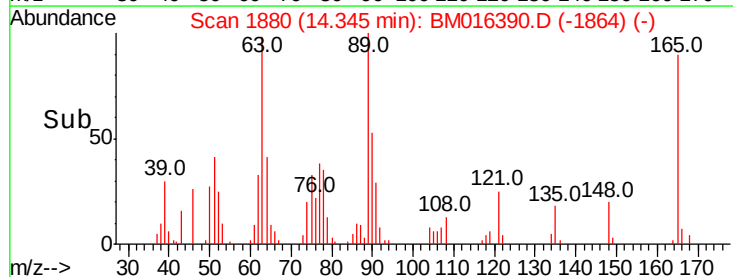
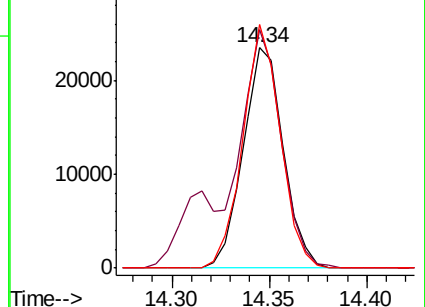
89 110.7 44.3 66.5#

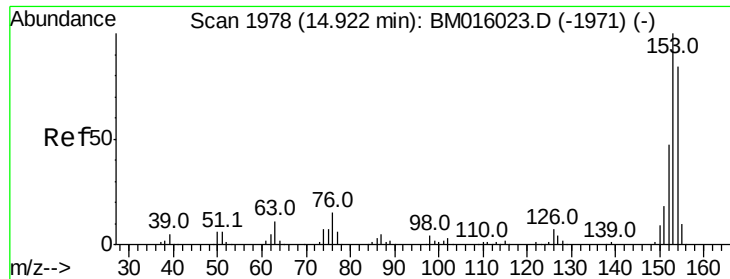


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 41.902 ng

RT: 14.81 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BM016390.D

Acq: 15 Aug 2018 21:02

Instrument :

BNA_M

ClientSampleId :

PB112011BS

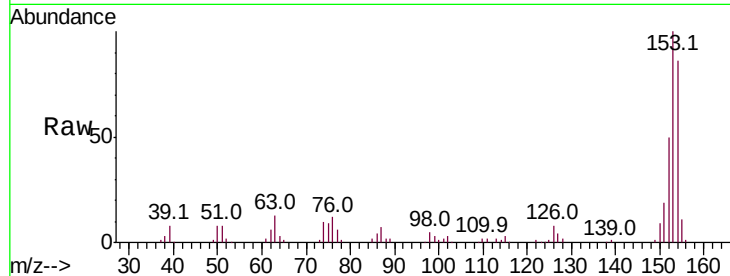
Tot Ion:154 Resp: 121911

Ion Ratio Lower Upper

154 100

153 116.3 90.0 135.0

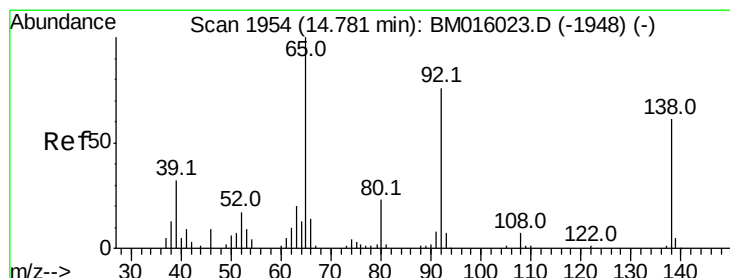
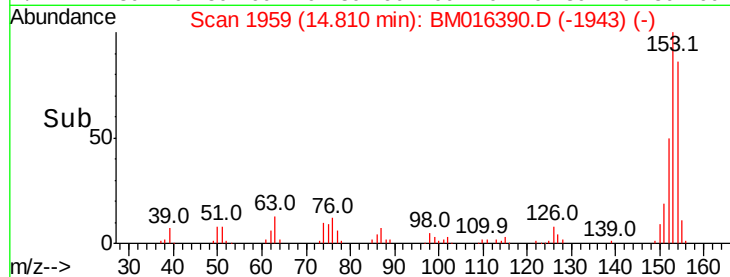
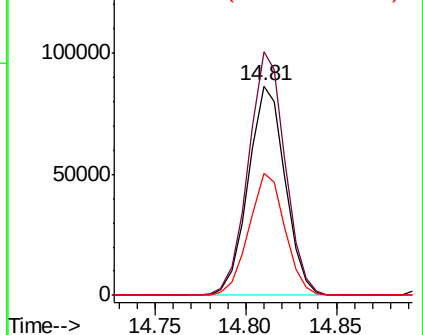
152 58.4 42.6 63.8



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: 27.721 ng

RT: 14.69 min Scan# 1938

Delta R.T. -0.00 min

Lab File: BM016390.D

Acq: 15 Aug 2018 21:02

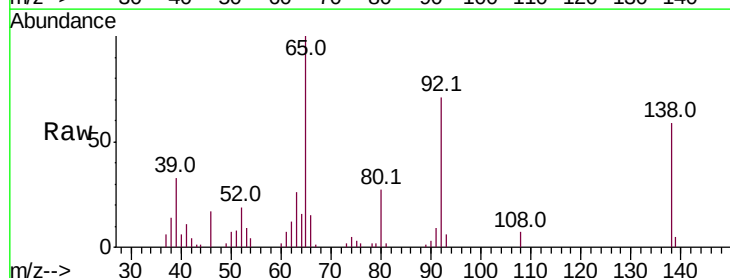
Tgt Ion:138 Resp: 24272

Ion Ratio Lower Upper

138 100

108 11.2 7.3 10.9#

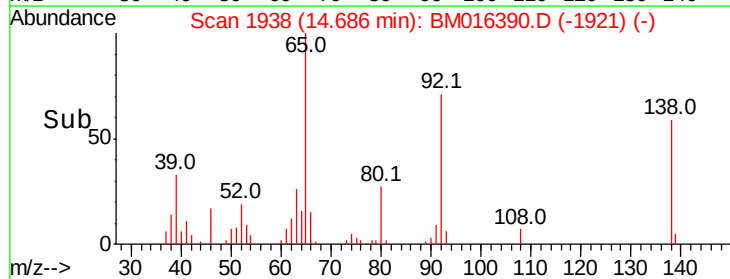
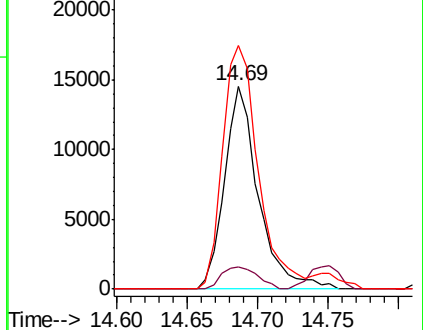
92 120.0 76.6 114.8#

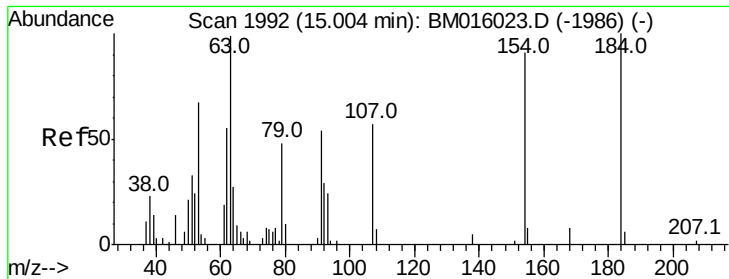


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E

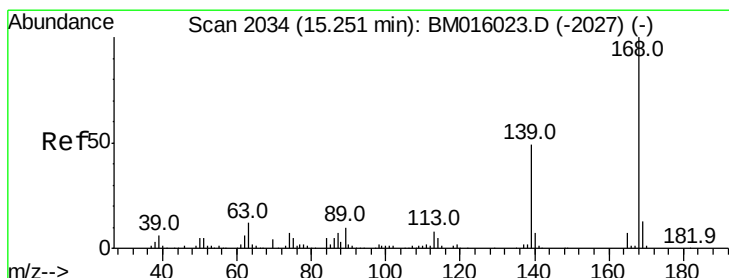
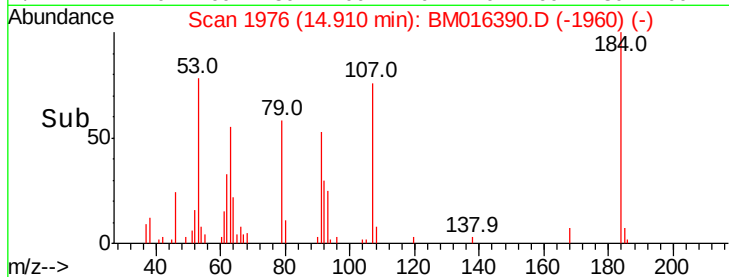
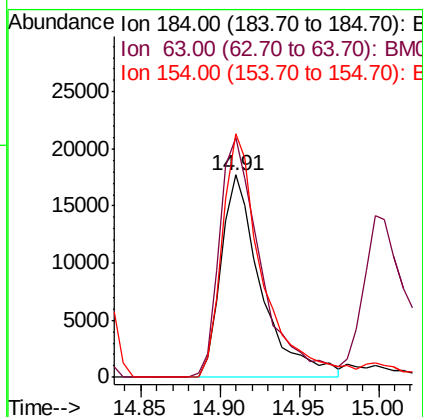
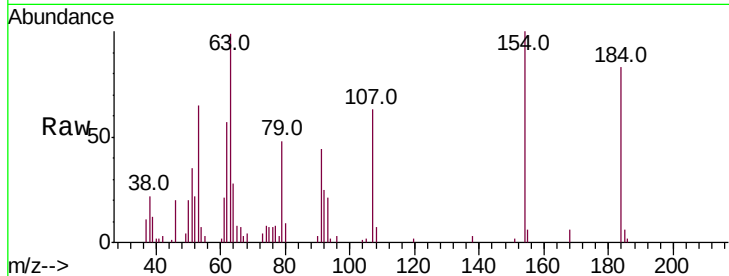




#53
2,4-Dinitrophenol
Concen: 88.469 ng
RT: 14.91 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BM016390.D
Acq: 15 Aug 2018 21:02

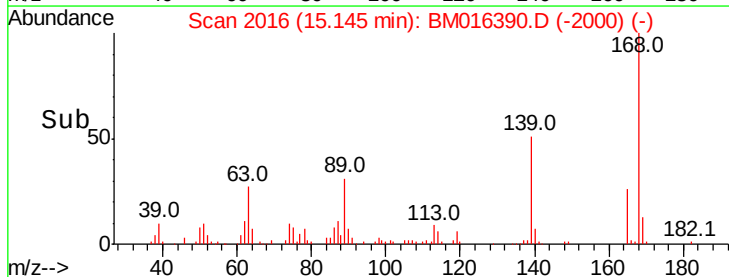
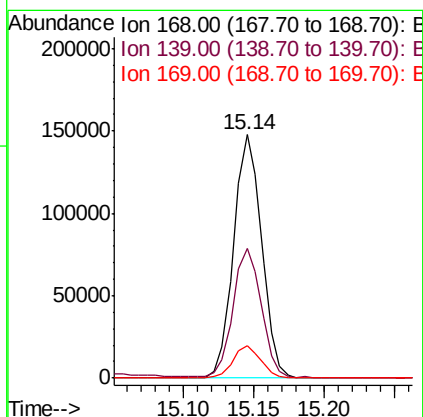
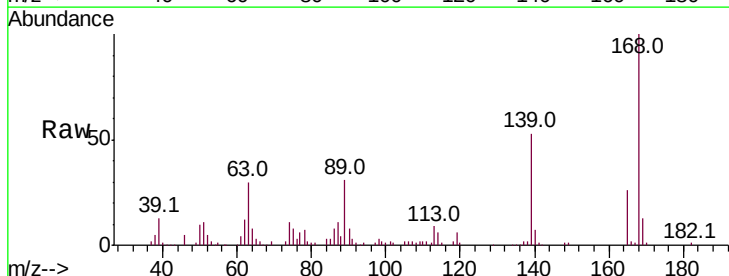
Instrument :
BNA_M
ClientSampleId :
PB112011BS

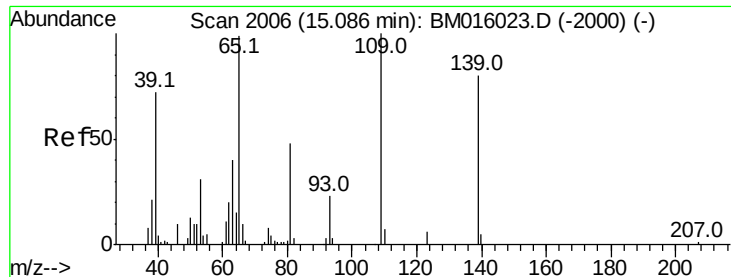
Tot Ion:184 Resp: 31039
Ion Ratio Lower Upper
184 100
63 118.6 69.2 103.8#
154 120.3 53.3 79.9#



#54
Dibenzofuran
Concen: 42.719 ng
RT: 15.14 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BM016390.D
Acq: 15 Aug 2018 21:02

Tgt Ion:168 Resp: 204812
Ion Ratio Lower Upper
168 100
139 53.3 27.3 40.9#
169 13.2 10.6 16.0





#55

4-Nitrophenol

Concen: 69.120 ng

RT: 15.00 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BM016390.D

Acq: 15 Aug 2018 21:02

Instrument :

BNA_M

ClientSampleId :

PB112011BS

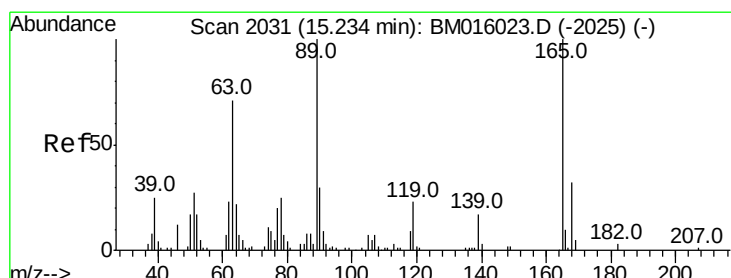
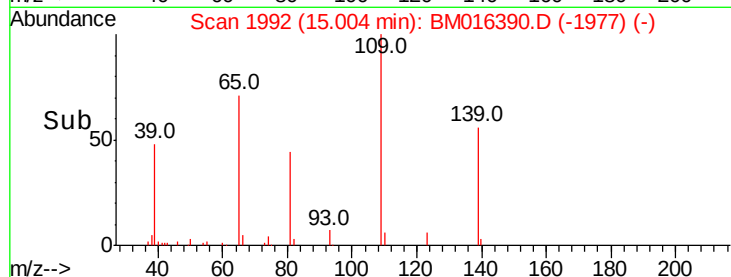
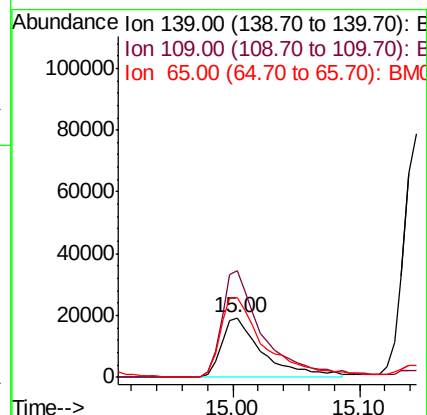
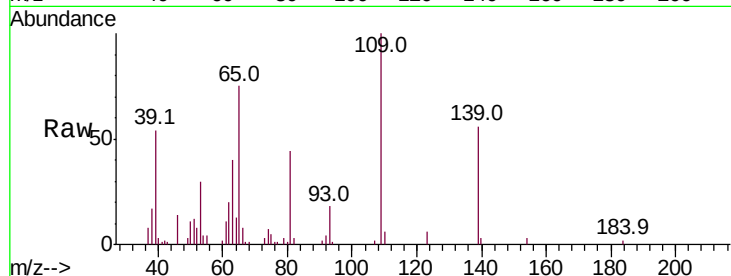
Tot Ion:139 Resp: 43385

Ion Ratio Lower Upper

139 100

109 179.1 130.0 170.0#

65 133.6 130.0 170.0



#56

2,4-Dinitrotoluene

Concen: 44.578 ng

RT: 15.14 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BM016390.D

Acq: 15 Aug 2018 21:02

Tgt Ion:165 Resp: 51671

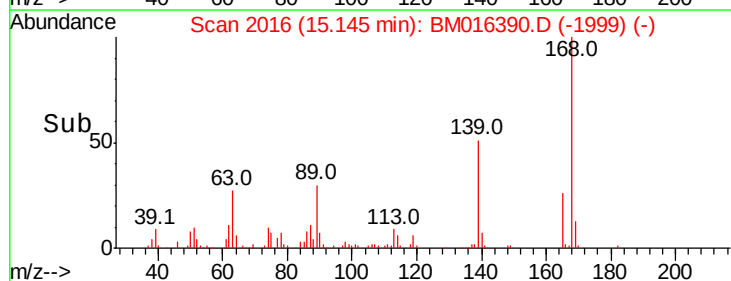
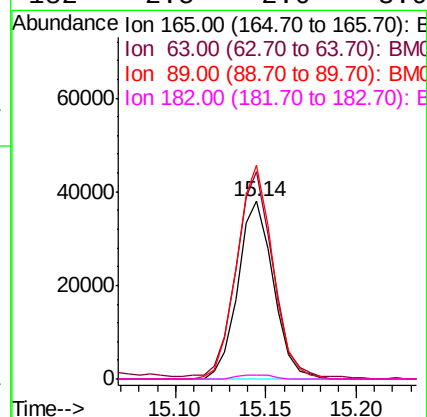
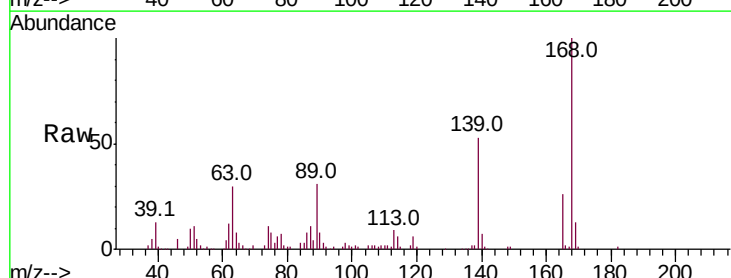
Ion Ratio Lower Upper

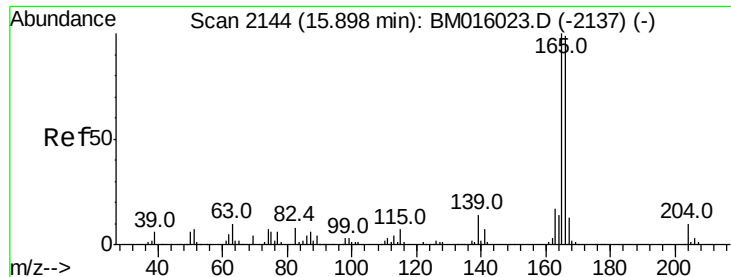
165 100

63 116.9 52.4 78.6#

89 120.4 72.4 108.6#

182 2.5 2.0 3.0

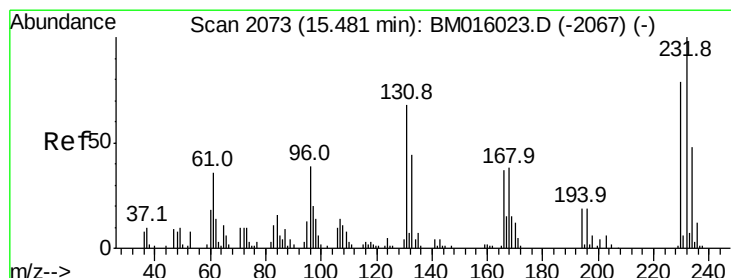
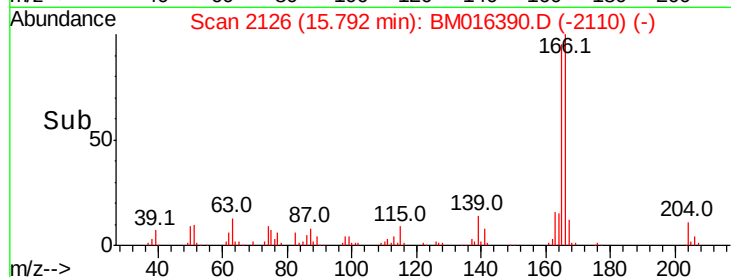
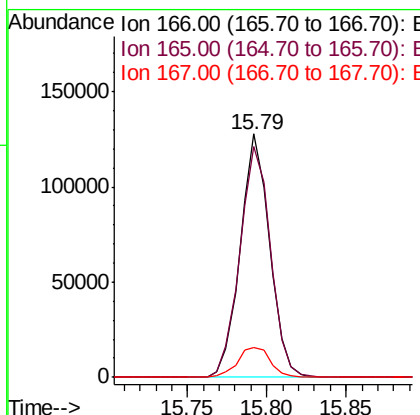
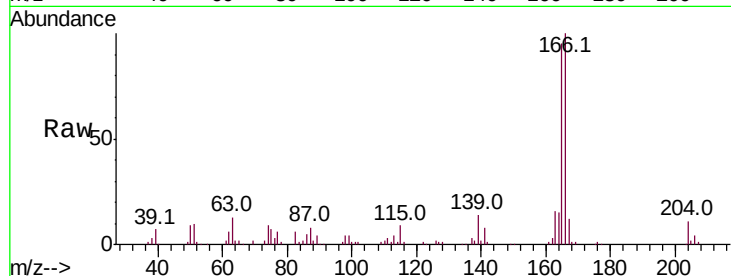




#57
 Fluorene
 Concen: 46.029 ng
 RT: 15.79 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BM016390.D
 Acq: 15 Aug 2018 21:02

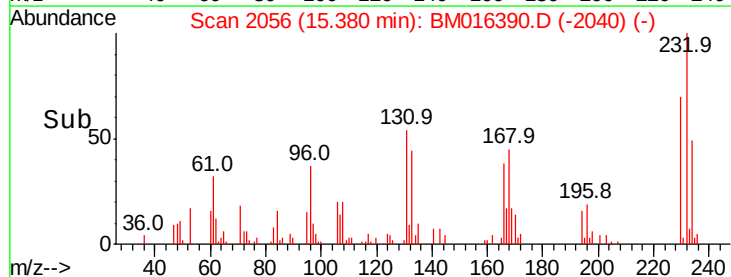
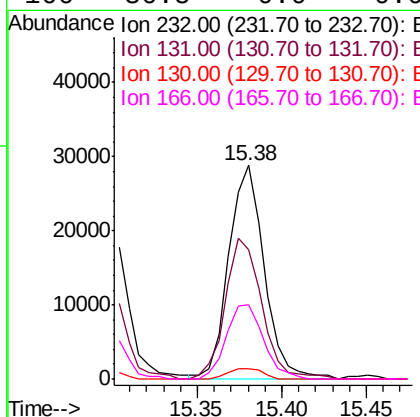
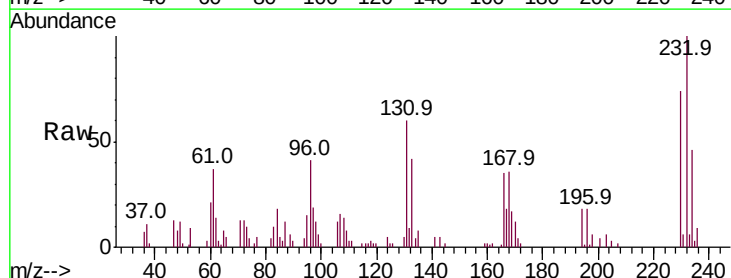
Instrument :
 BNA_M
 ClientSampleId :
 PB112011BS

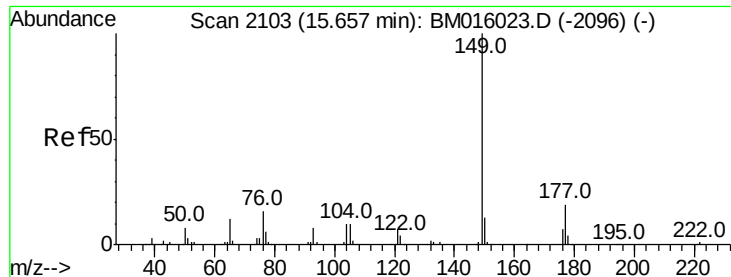
Tot Ion	Ratio	Lower	Upper
166	100		
165	94.9	79.0	118.4
167	12.3	10.3	15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.543 ng
 RT: 15.38 min Scan# 2056
 Delta R.T. -0.01 min
 Lab File: BM016390.D
 Acq: 15 Aug 2018 21:02

Tgt Ion	Ratio	Lower	Upper
232	100		
131	67.6	0.0	0.0#
130	4.9	0.0	0.0#
166	36.5	0.0	0.0#

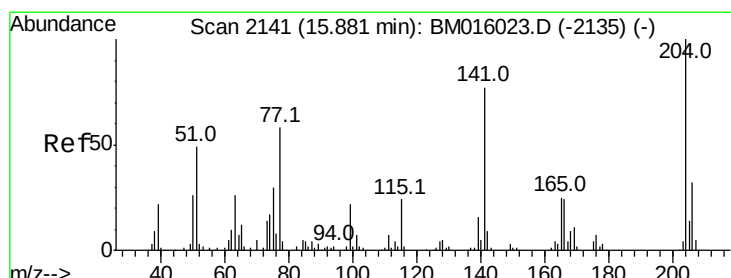
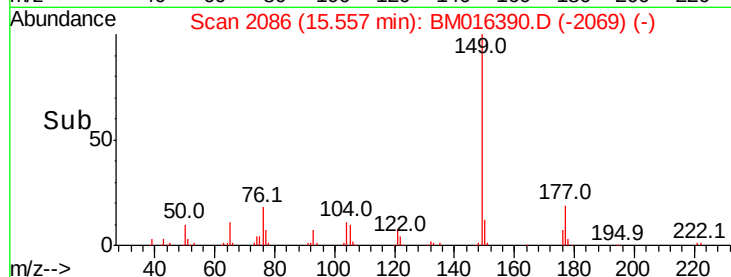
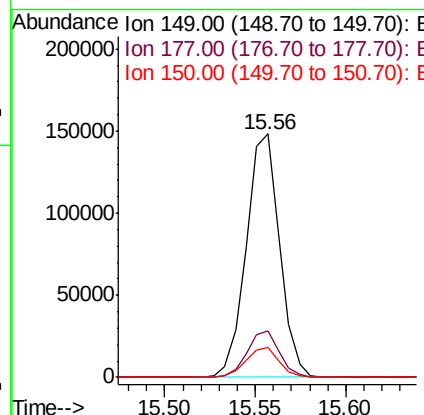
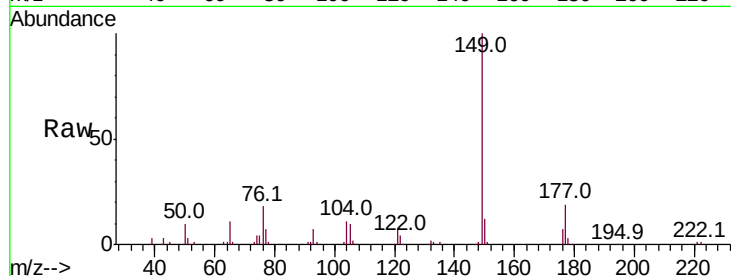




#59
Diethylphthalate
Concen: 43.604 ng
RT: 15.56 min Scan# 2086
Delta R.T. -0.00 min
Lab File: BM016390.D
Acq: 15 Aug 2018 21:02

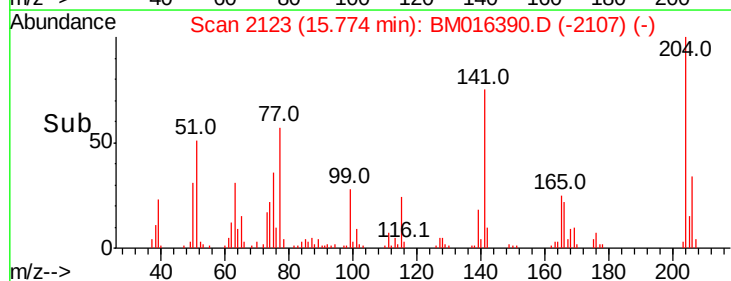
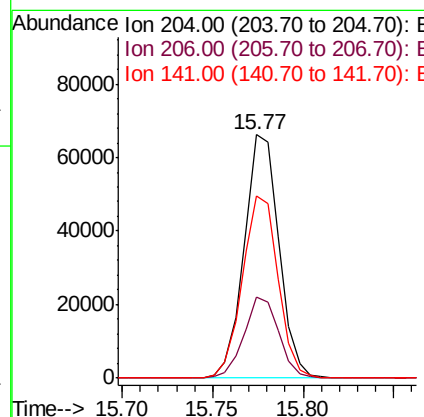
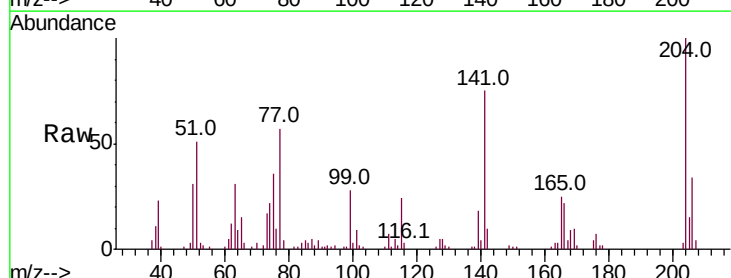
Instrument :
BNA_M
ClientSampleId :
PB112011BS

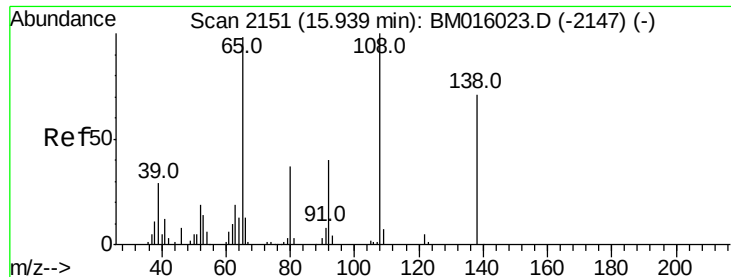
Tot Ion	Ratio	Lower	Upper
149	100		
177	19.1	18.3	27.5
150	12.4	9.8	14.8



#60
4-Chlorophenyl-phenylether
Concen: 44.513 ng
RT: 15.77 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BM016390.D
Acq: 15 Aug 2018 21:02

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.6	39.8
141	74.9	45.2	67.8

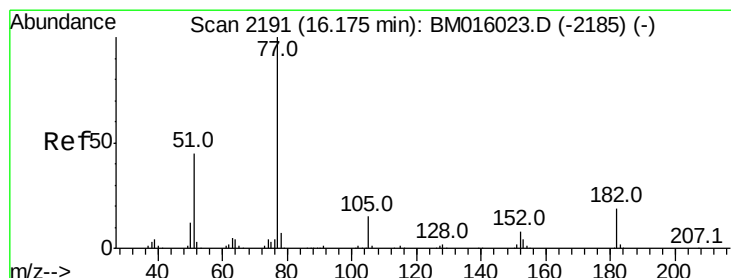
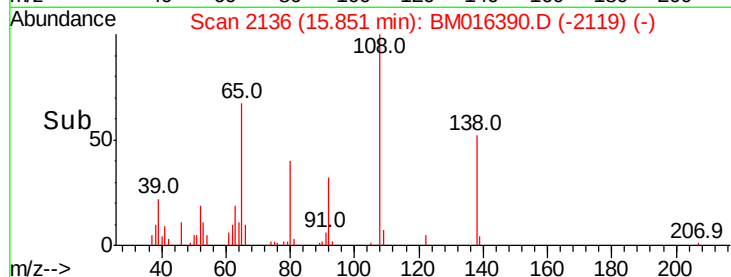
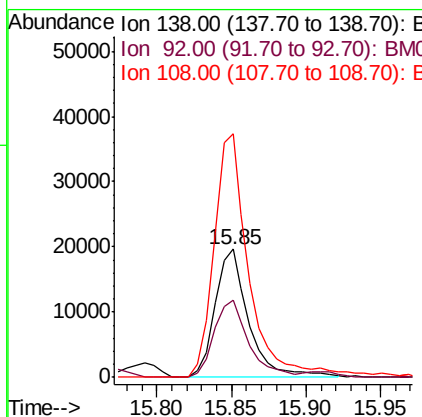
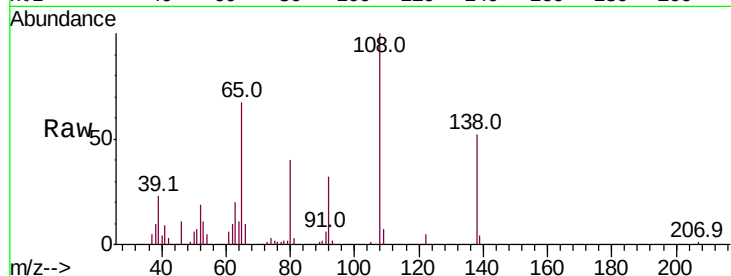




#61
4-Nitroaniline
Concen: 36.751 ng
RT: 15.85 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BM016390.D
Acq: 15 Aug 2018 21:02

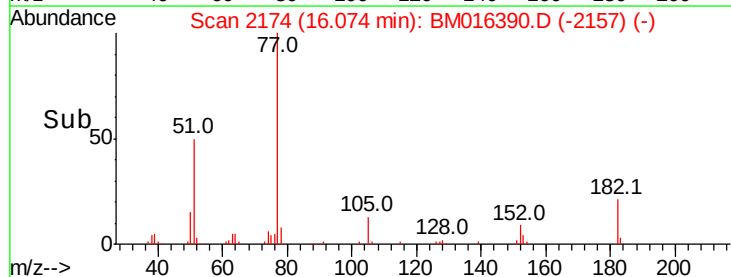
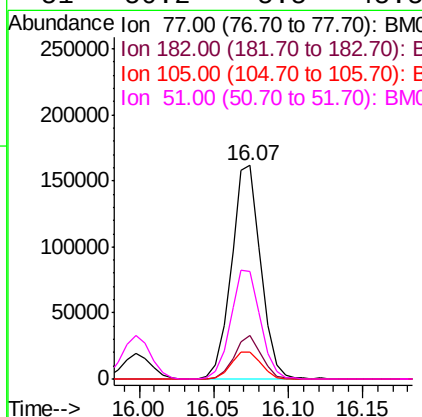
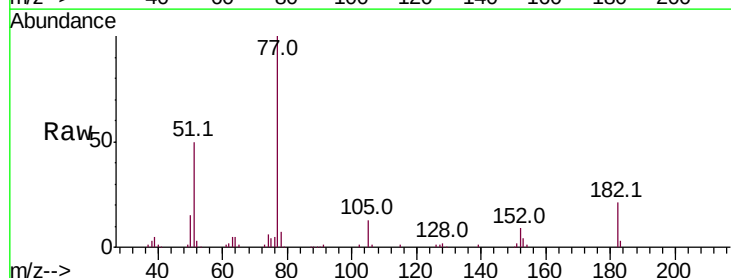
Instrument :
BNA_M
ClientSampleId :
PB112011BS

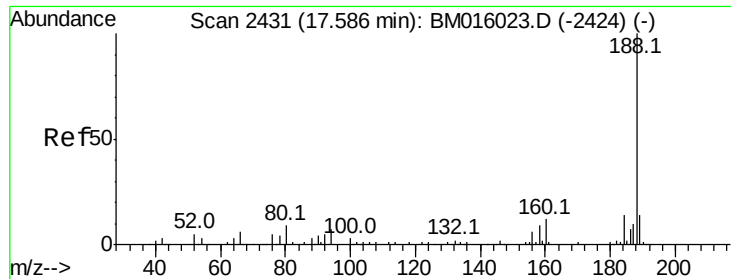
Tot Ion:138 Resp: 30874
Ion Ratio Lower Upper
138 100
92 60.5 16.7 56.7#
108 190.5 37.6 77.6#



#62
Azobenzene
Concen: 48.239 ng
RT: 16.07 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BM016390.D
Acq: 15 Aug 2018 21:02

Tgt Ion: 77 Resp: 220617
Ion Ratio Lower Upper
77 100
182 20.5 6.5 46.5
105 12.7 3.8 43.8
51 50.2 5.5 45.5#

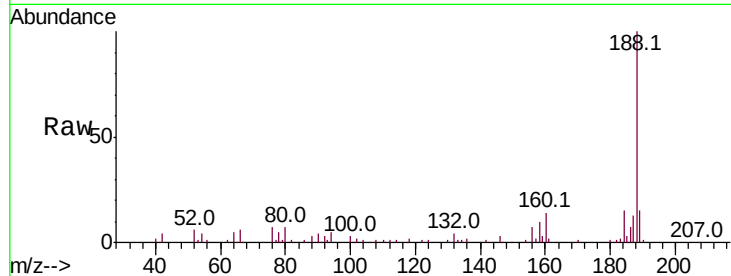




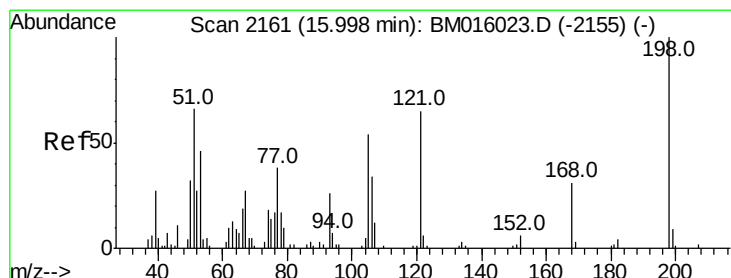
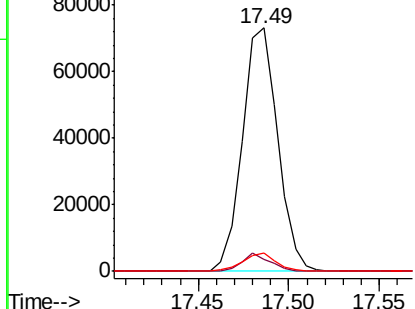
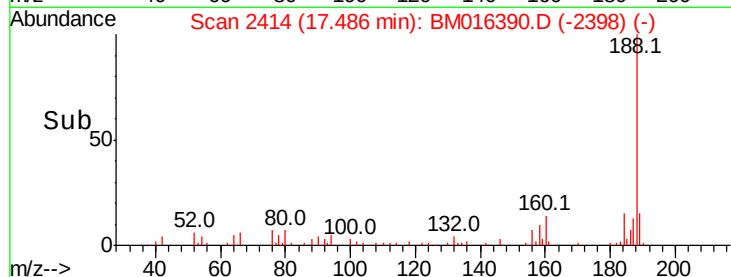
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.49 min Scan# 2414
 Delta R.T. -0.01 min
 Lab File: BM016390.D
 Acq: 15 Aug 2018 21:02

Instrument :
 BNA_M
 ClientSampleId :
 PB112011BS

Tot Ion:188 Resp: 99174
 Ion Ratio Lower Upper
 188 100
 94 5.0 8.7 13.1#
 80 7.4 9.3 13.9#

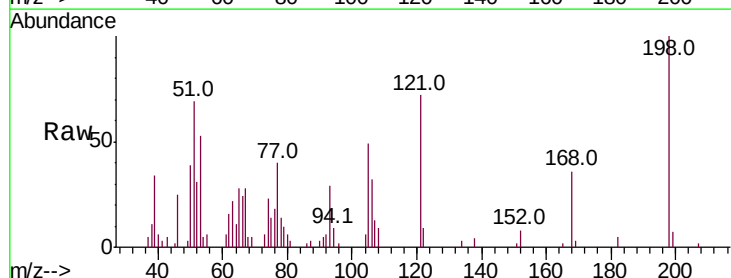


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BM0
 Ion 80.00 (79.70 to 80.70): BM0

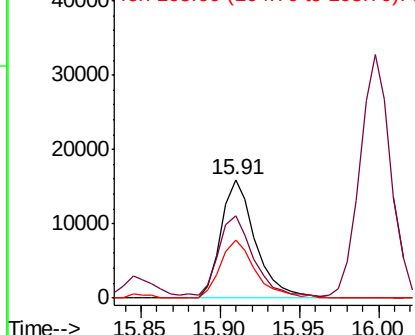
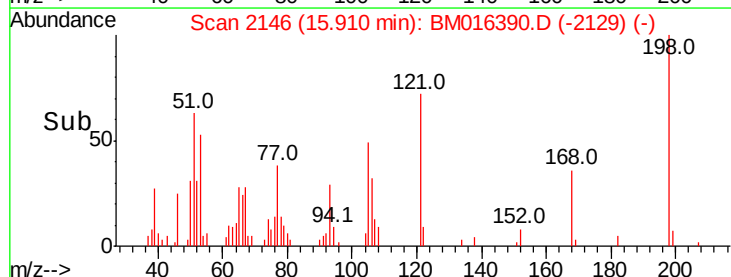


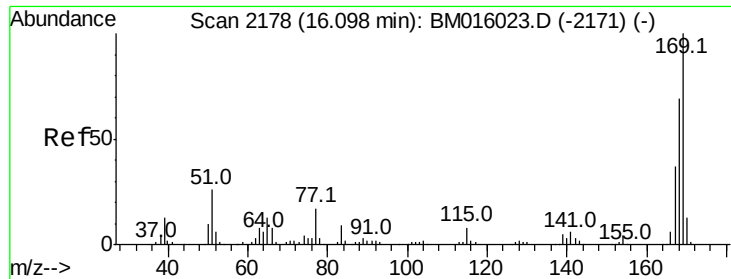
#64
 4,6-Dinitro-2-methylphenol
 Concen: 39.823 ng
 RT: 15.91 min Scan# 2146
 Delta R.T. -0.00 min
 Lab File: BM016390.D
 Acq: 15 Aug 2018 21:02

Tgt Ion:198 Resp: 23972
 Ion Ratio Lower Upper
 198 100
 51 69.3 28.8 68.8#
 105 48.8 30.5 70.5



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BM0
 Ion 105.00 (104.70 to 105.70): E

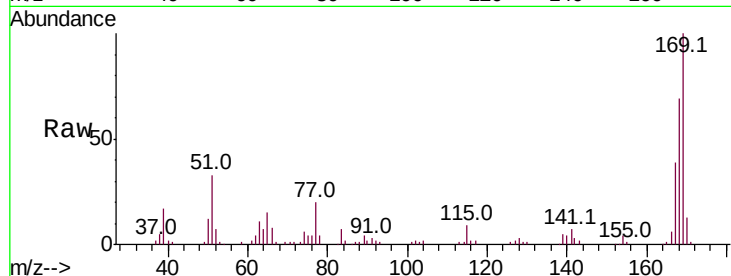




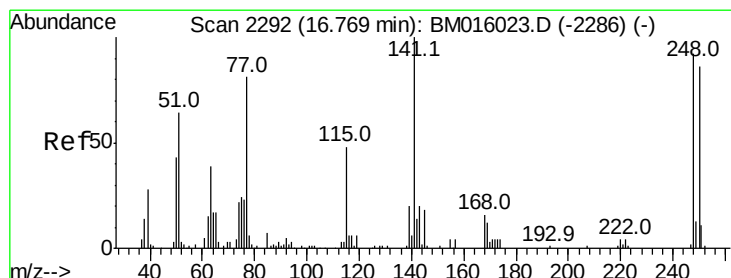
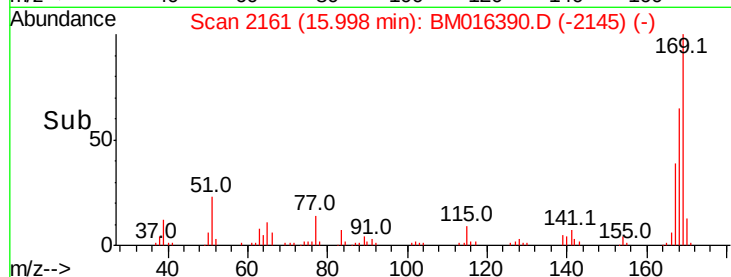
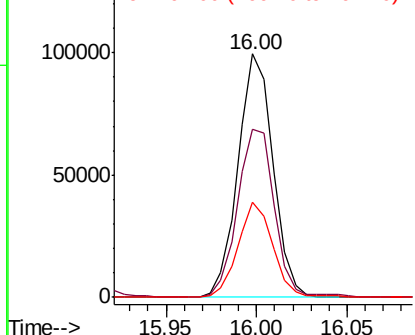
#65
 n-Nitrosodiphenylamine
 Concen: 40.912 ng
 RT: 16.00 min Scan# 2161
 Delta R.T. -0.01 min
 Lab File: BM016390.D
 Acq: 15 Aug 2018 21:02

Instrument :
 BNA_M
 ClientSampleId :
 PB112011BS

Tot Ion:169 Resp: 133604
 Ion Ratio Lower Upper
 169 100
 168 69.2 53.9 80.9
 167 39.2 28.9 43.3

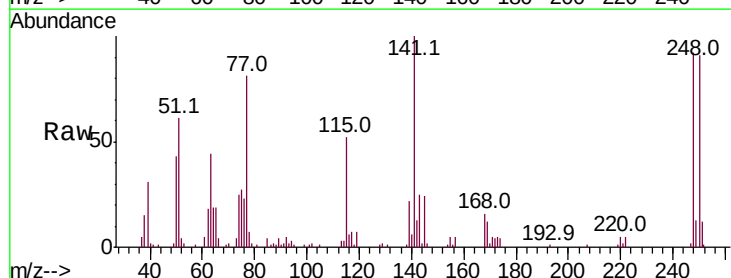


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

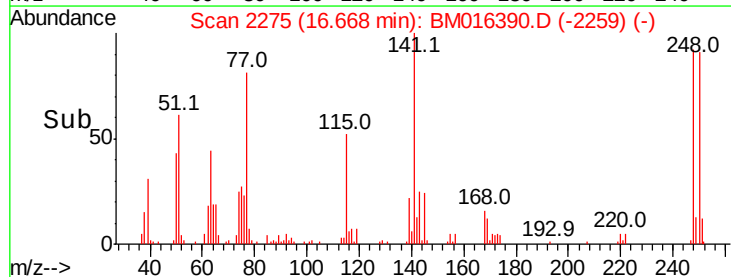
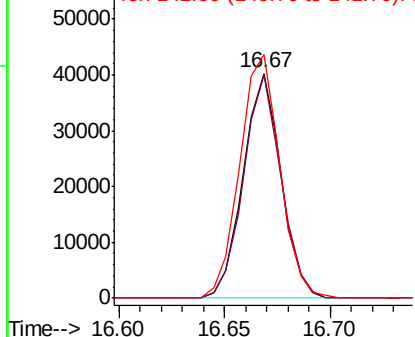


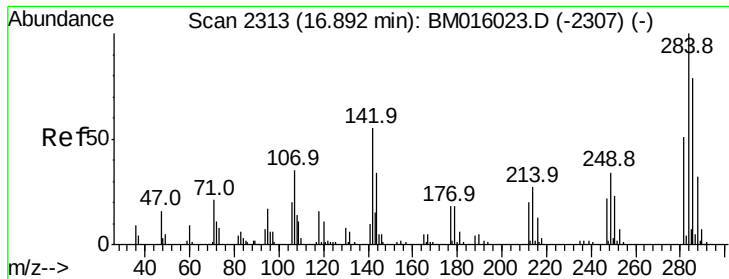
#66
 4-Bromophenyl-phenylether
 Concen: 44.607 ng
 RT: 16.67 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BM016390.D
 Acq: 15 Aug 2018 21:02

Tgt Ion:248 Resp: 50093
 Ion Ratio Lower Upper
 248 100
 250 99.0 77.4 116.0
 141 108.3 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

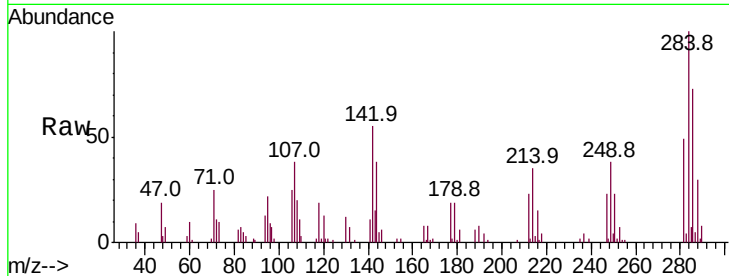




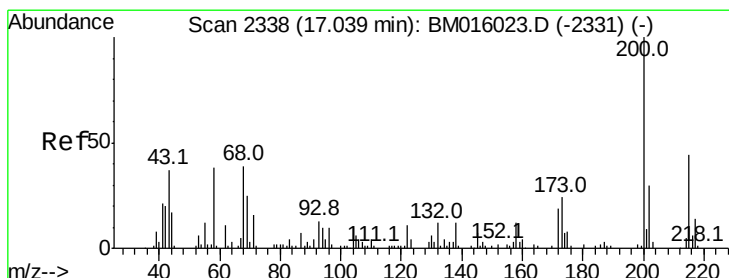
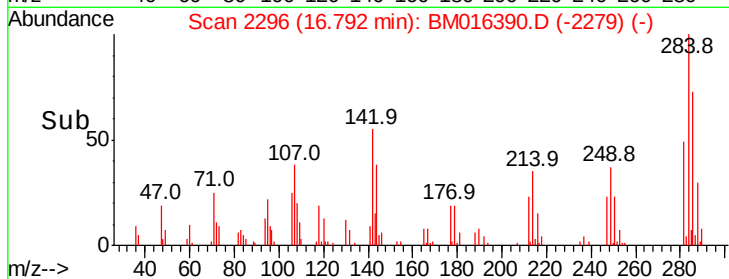
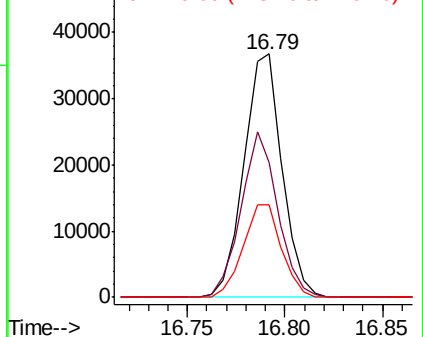
#67
Hexachlorobenzene
Concen: 40.239 ng
RT: 16.79 min Scan# 2296
Delta R.T. -0.00 min
Lab File: BM016390.D
Acq: 15 Aug 2018 21:02

Instrument :
BNA_M
ClientSampleID :
PB112011BS

Tot Ion:284 Resp: 49763
Ion Ratio Lower Upper
284 100
142 55.3 20.4 30.6#
249 38.0 23.8 35.6#

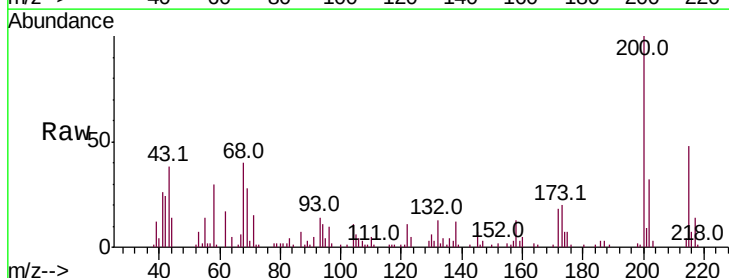


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

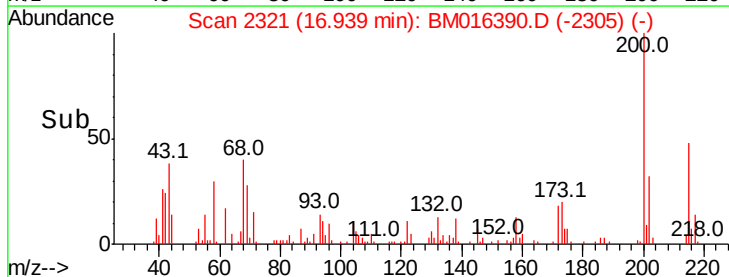
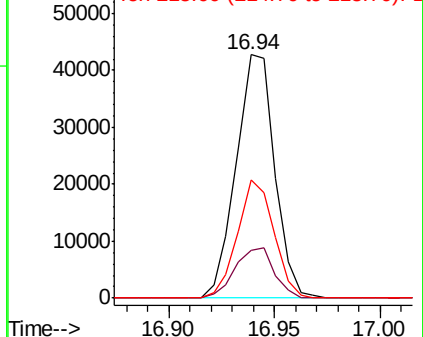


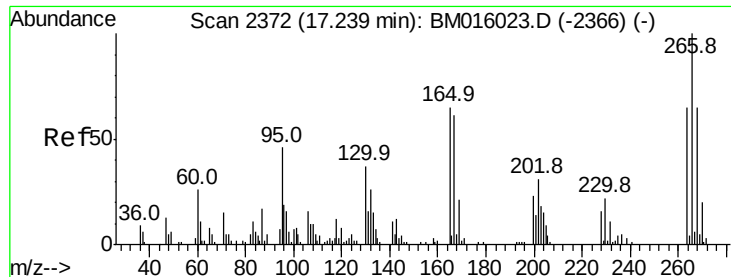
#68
Atrazine
Concen: 46.206 ng
RT: 16.94 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BM016390.D
Acq: 15 Aug 2018 21:02

Tgt Ion:200 Resp: 54081
Ion Ratio Lower Upper
200 100
173 19.8 4.8 44.8
215 48.4 26.9 66.9



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 67.393 ng

RT: 17.14 min Scan# 2355

Delta R.T. -0.01 min

Lab File: BM016390.D

Acq: 15 Aug 2018 21:02

Instrument :

BNA_M

ClientSampleId :

PB112011BS

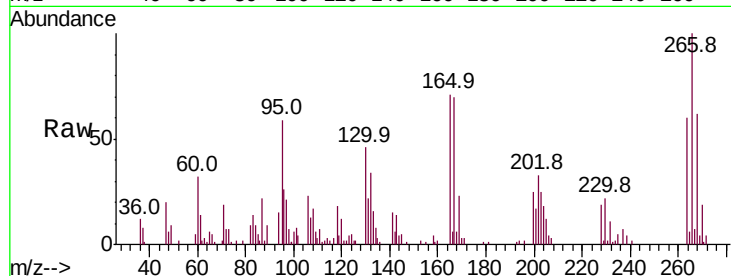
Tot Ion:266 Resp: 51609

Ion Ratio Lower Upper

266 100

268 62.2 52.0 78.0

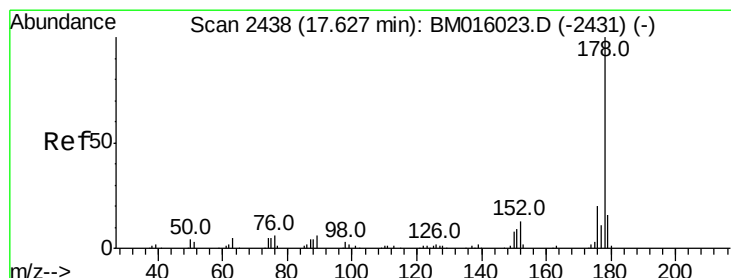
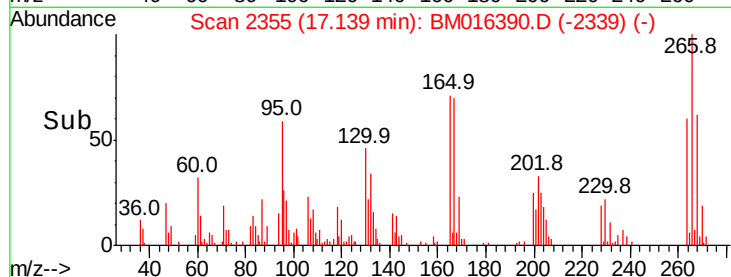
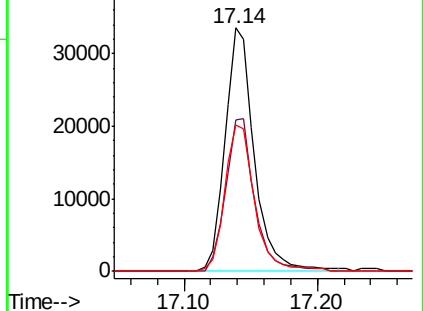
264 60.4 49.0 73.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 43.238 ng

RT: 17.53 min Scan# 2421

Delta R.T. -0.01 min

Lab File: BM016390.D

Acq: 15 Aug 2018 21:02

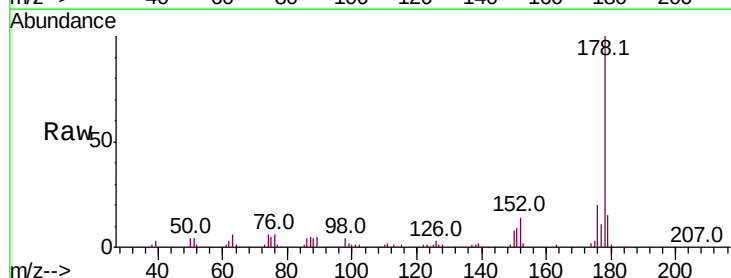
Tgt Ion:178 Resp: 240075

Ion Ratio Lower Upper

178 100

176 20.1 15.2 22.8

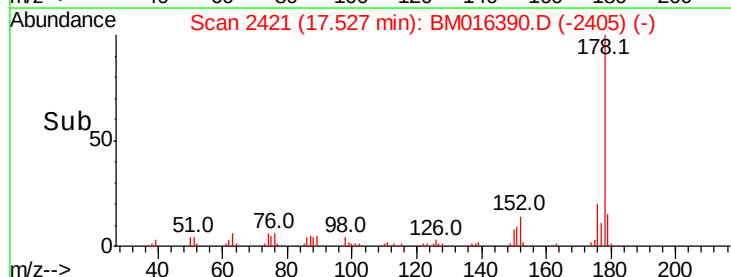
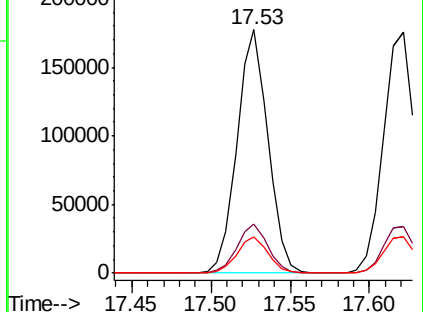
179 14.9 12.1 18.1

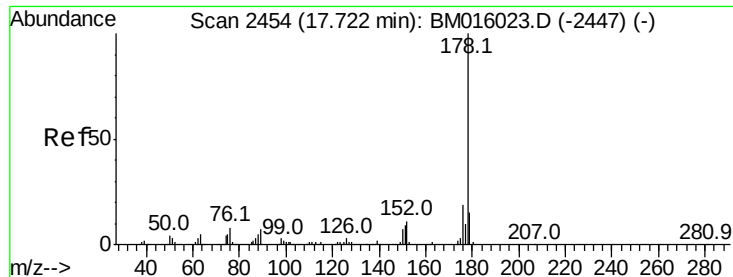


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

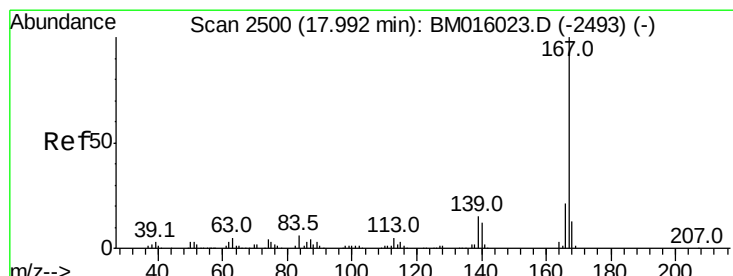
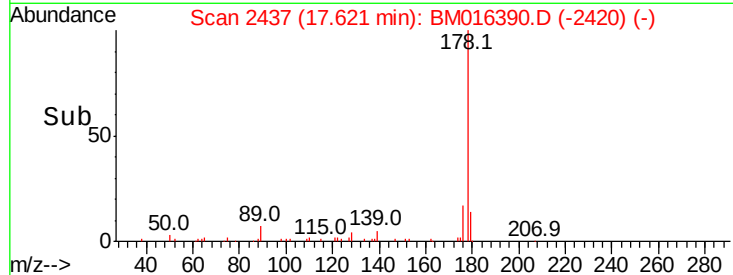
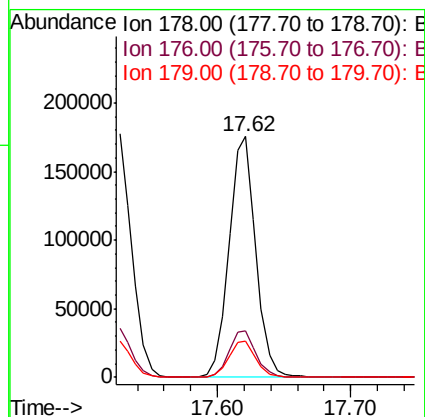
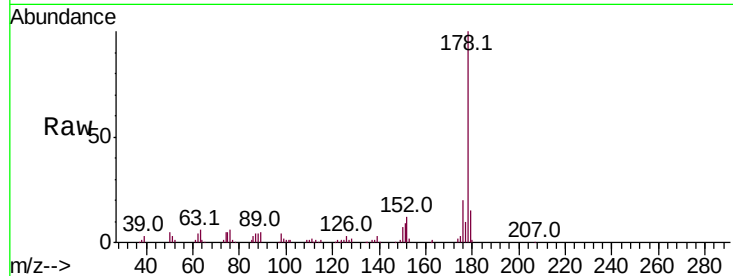




#71
 Anthracene
 Concen: 45.664 ng
 RT: 17.62 min Scan# 2437
 Delta R.T. -0.00 min
 Lab File: BM016390.D
 Acq: 15 Aug 2018 21:02

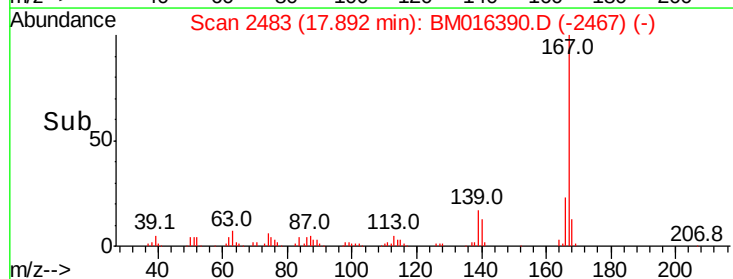
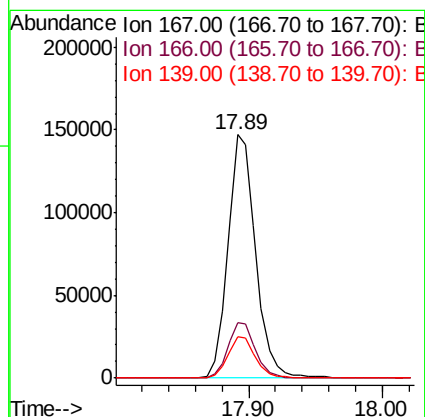
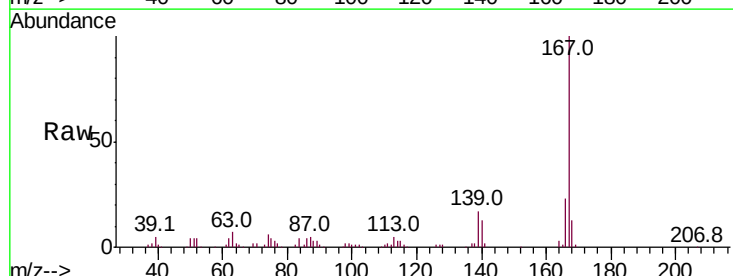
Instrument :
 BNA_M
 ClientSampleId :
 PB112011BS

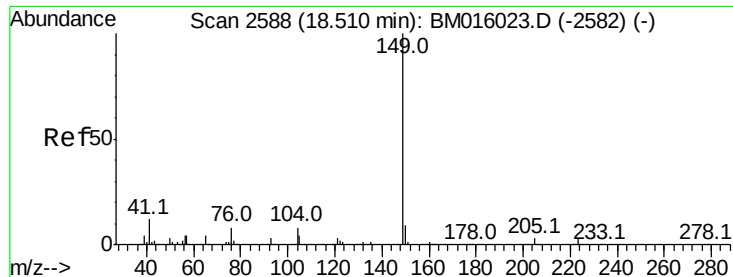
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	14.6	22.0
179	14.8	12.6	19.0



#72
 Carbazole
 Concen: 38.228 ng
 RT: 17.89 min Scan# 2483
 Delta R.T. -0.01 min
 Lab File: BM016390.D
 Acq: 15 Aug 2018 21:02

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.2	25.8
139	17.1	10.8	16.2#

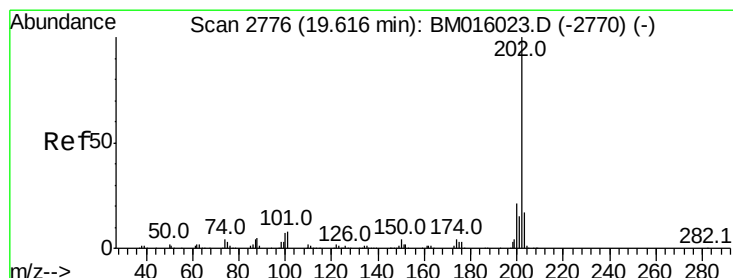
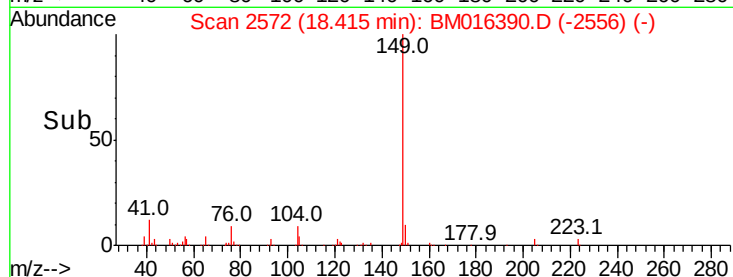
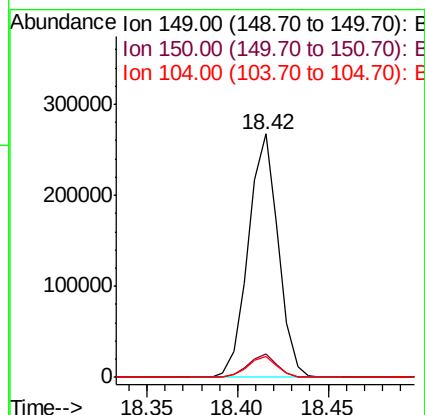
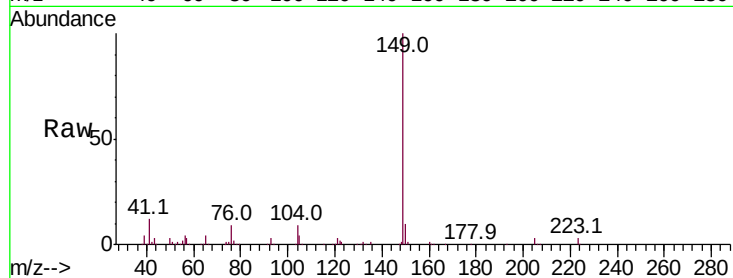




#73
Di-n-butylphthalate
Concen: 43.893 ng
RT: 18.42 min Scan# 2572
Delta R.T. -0.01 min
Lab File: BM016390.D
Acq: 15 Aug 2018 21:02

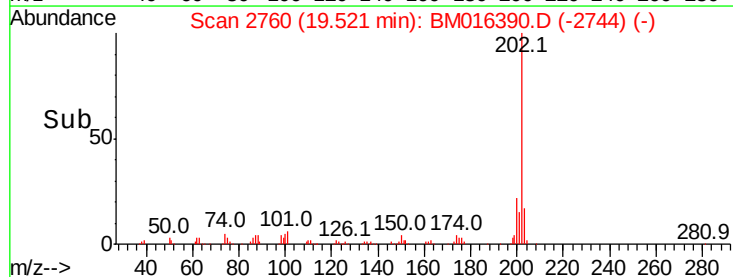
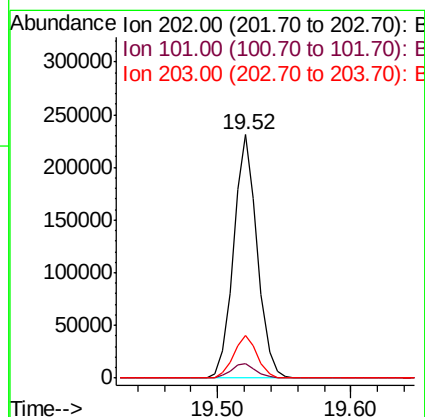
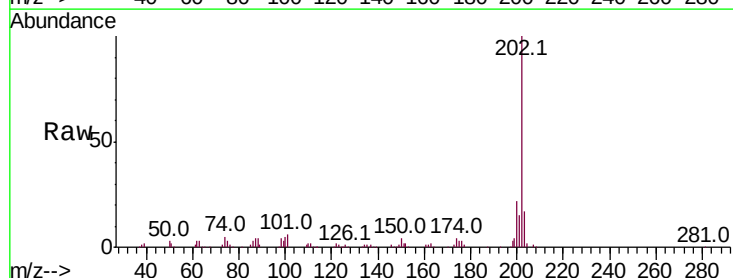
Instrument :
BNA_M
ClientSampleId :
PB112011BS

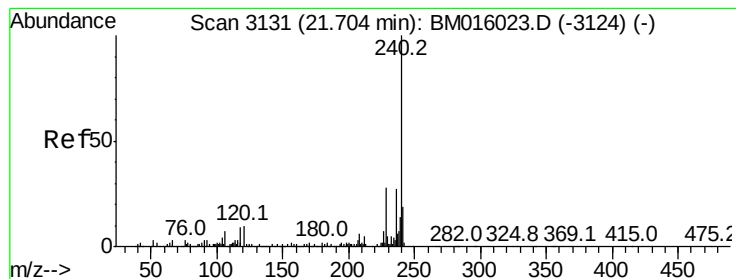
Tot Ion:149 Resp: 305768
Ion Ratio Lower Upper
149 100
150 9.8 7.5 11.3
104 8.7 3.7 5.5#



#74
Fluoranthene
Concen: 46.011 ng
RT: 19.52 min Scan# 2760
Delta R.T. -0.01 min
Lab File: BM016390.D
Acq: 15 Aug 2018 21:02

Tgt Ion:202 Resp: 284970
Ion Ratio Lower Upper
202 100
101 5.8 0.0 28.7
203 17.4 0.0 37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.62 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BM016390.D

Acq: 15 Aug 2018 21:02

Instrument :

BNA_M

ClientSampleId :

PB112011BS

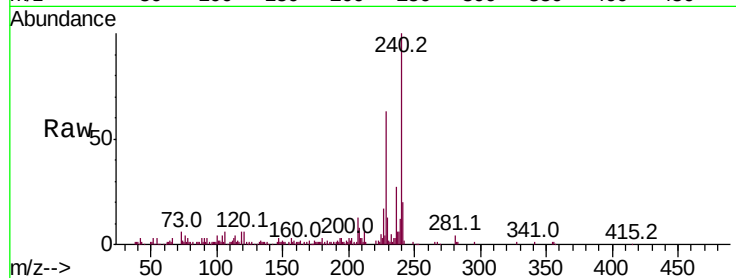
Tot Ion:240 Resp: 123028

Ion Ratio Lower Upper

240 100

120 6.4 8.2 12.2#

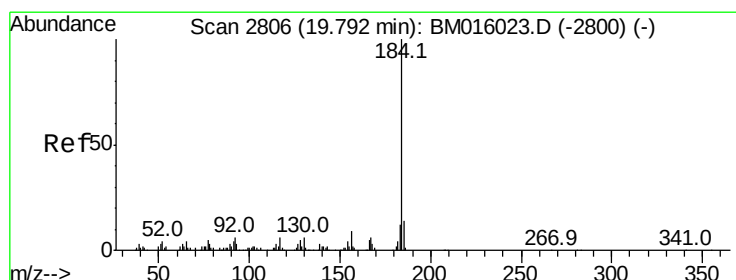
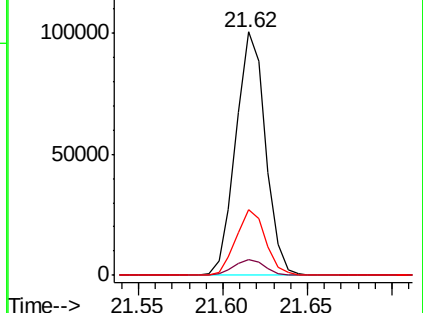
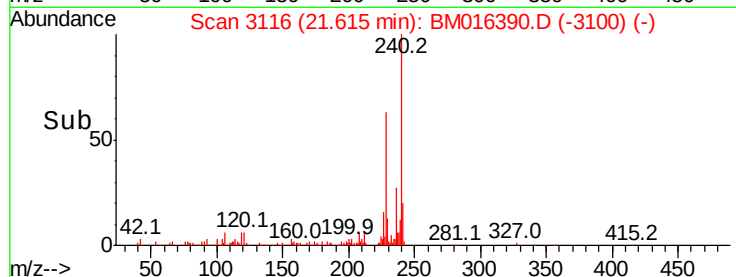
236 27.0 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 45.634 ng

RT: 19.71 min Scan# 2792

Delta R.T. -0.01 min

Lab File: BM016390.D

Acq: 15 Aug 2018 21:02

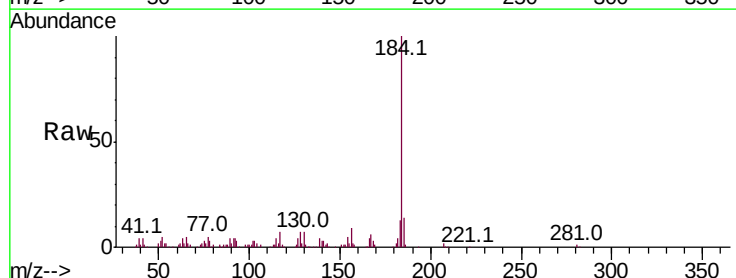
Tgt Ion:184 Resp: 156885

Ion Ratio Lower Upper

184 100

185 13.5 11.3 16.9

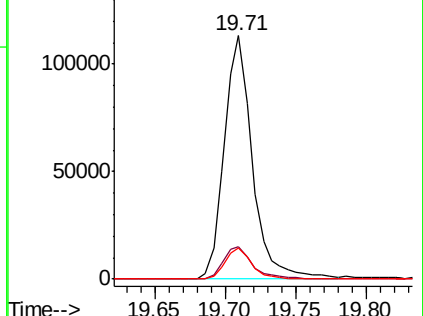
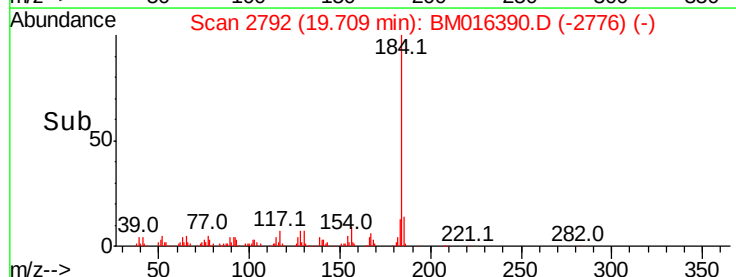
183 12.8 8.9 13.3

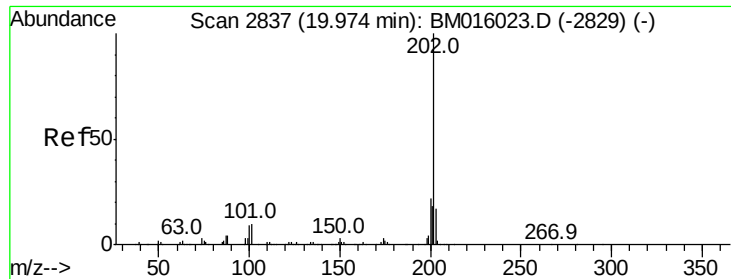


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

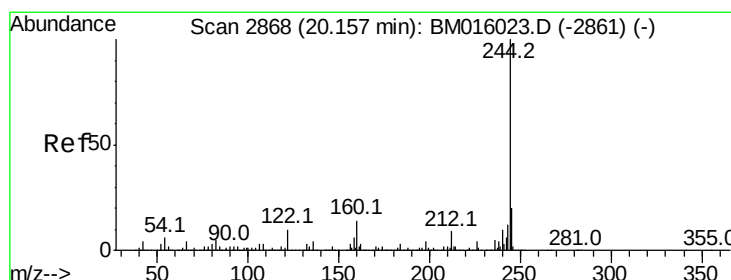
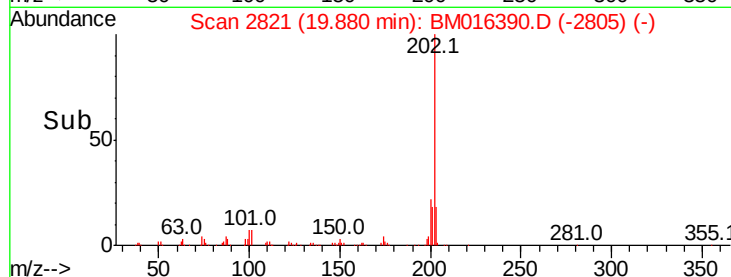
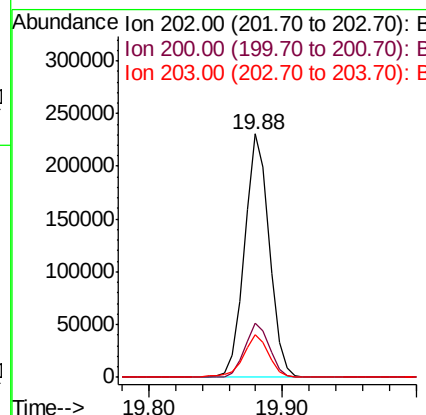
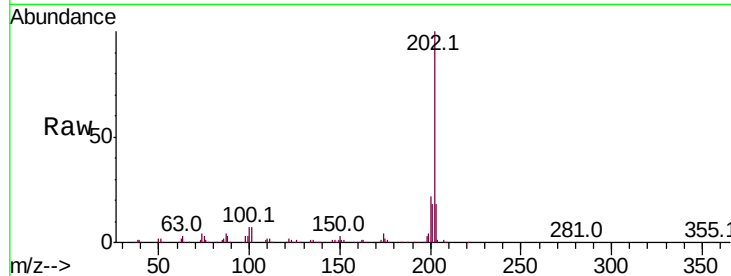




#77
Pvrene
Concen: 39.965 ng
RT: 19.88 min Scan# 2821
Delta R.T. -0.01 min
Lab File: BM016390.D
Acq: 15 Aug 2018 21:02

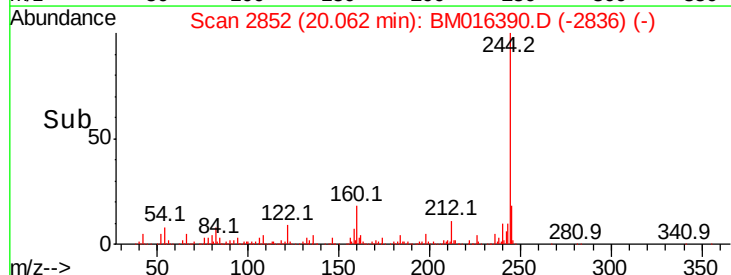
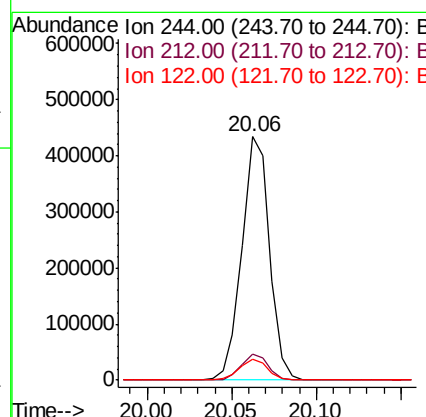
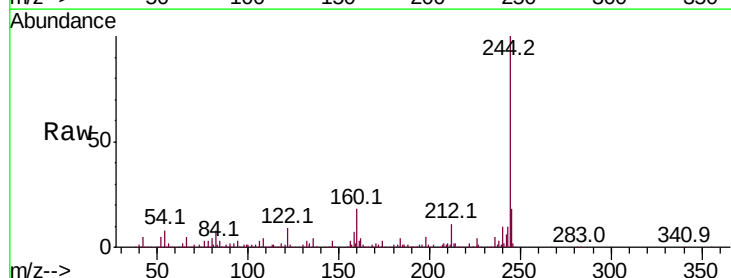
Instrument :
BNA_M
ClientSampleId :
PB112011BS

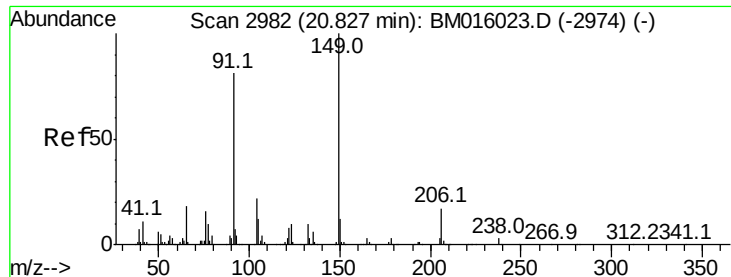
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	16.9	25.3
203	17.5	14.1	21.1



#78
Terphenyl-d14
Concen: 39.965 ng
RT: 20.06 min Scan# 2852
Delta R.T. -0.01 min
Lab File: BM016390.D
Acq: 15 Aug 2018 21:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.8	4.9	7.3#
122	8.6	6.2	9.4

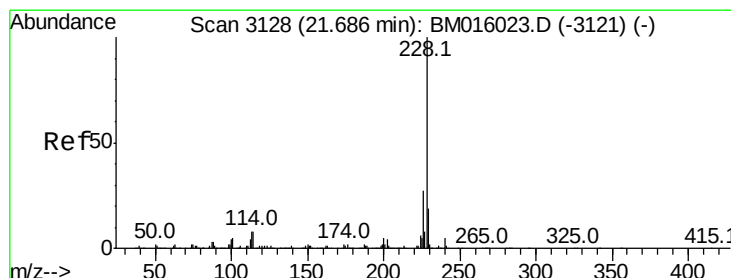
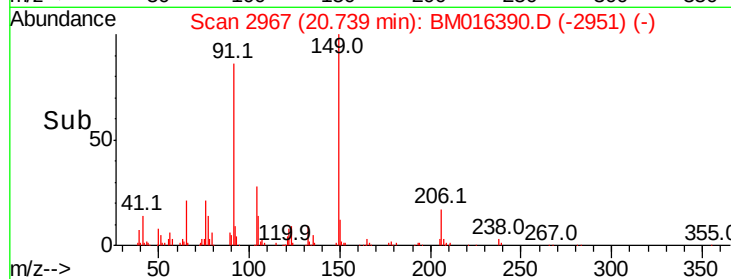
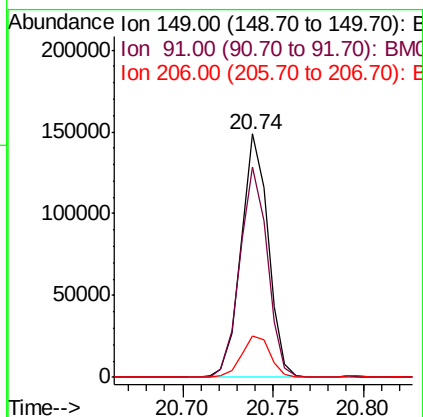
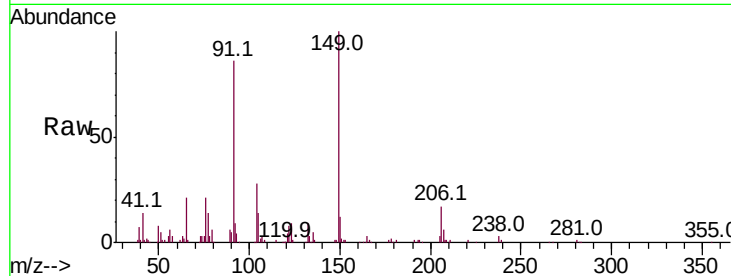




#79
Butylbenzylphthalate
Concen: 41.438 ng
RT: 20.74 min Scan# 2967
Delta R.T. -0.01 min
Lab File: BM016390.D
Acq: 15 Aug 2018 21:02

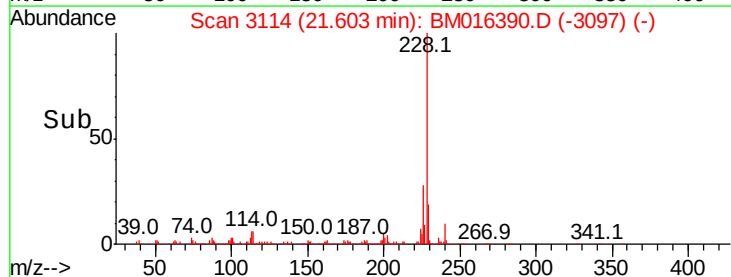
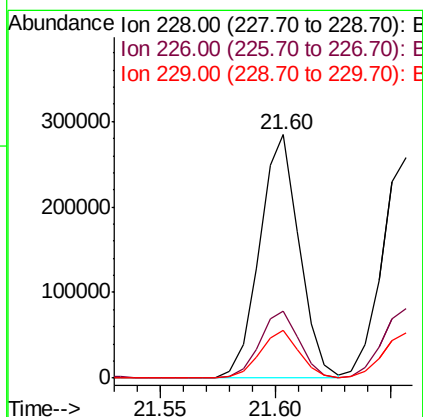
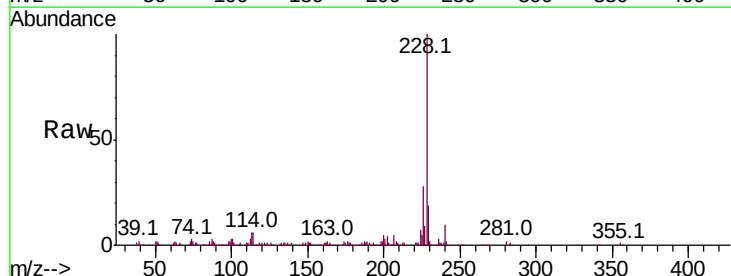
Instrument :
BNA_M
ClientSampleId :
PB112011BS

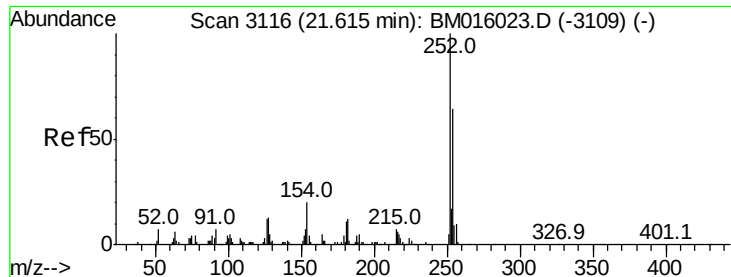
Tot Ion	Ratio	Lower	Upper
149	100		
91	86.4	50.1	75.1#
206	17.2	16.2	24.2



#80
Benzo(a)anthracene
Concen: 44.671 ng
RT: 21.60 min Scan# 3114
Delta R.T. -0.00 min
Lab File: BM016390.D
Acq: 15 Aug 2018 21:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.7	32.5
229	19.4	16.0	24.0

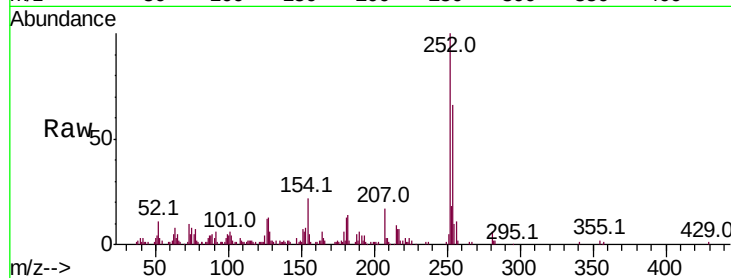




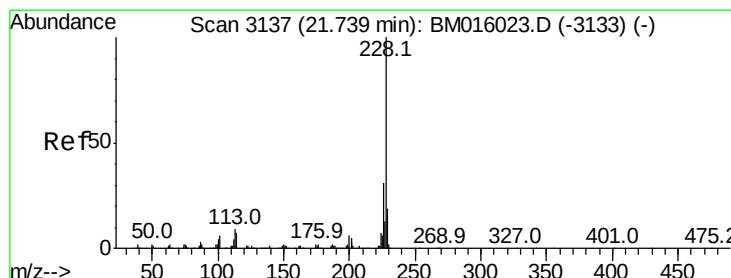
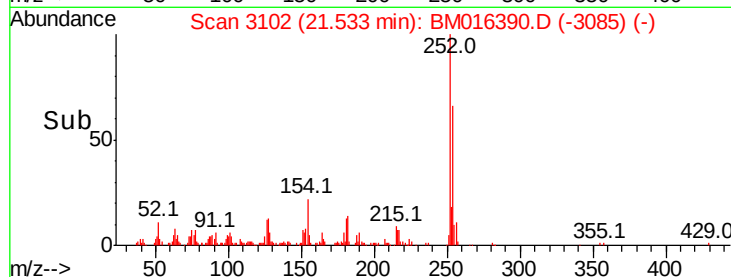
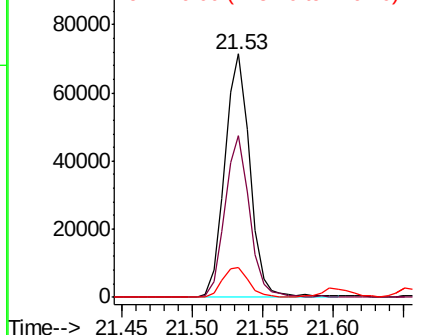
#81
 3,3'-Dichlorobenzidine
 Concen: 29.116 ng
 RT: 21.53 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: BM016390.D
 Acq: 15 Aug 2018 21:02

Instrument :
 BNA_M
 ClientSampleId :
 PB112011BS

Tot	Ion:252	Resp:	88863
Ion	Ratio	Lower	Upper
252	100		
254	66.3	51.9	77.9
126	12.4	9.8	14.8

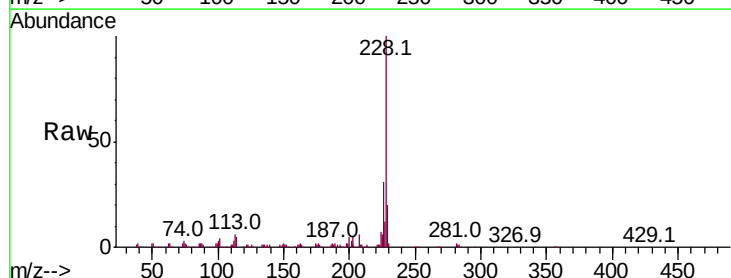


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

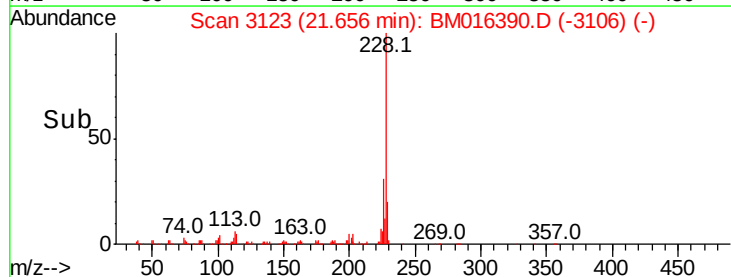
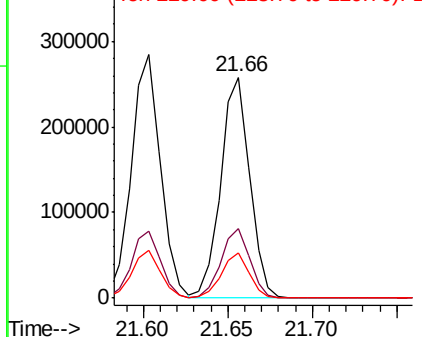


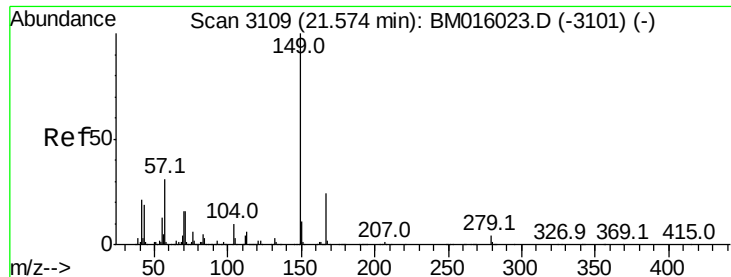
#82
 Chrysene
 Concen: 42.669 ng
 RT: 21.66 min Scan# 3123
 Delta R.T. -0.00 min
 Lab File: BM016390.D
 Acq: 15 Aug 2018 21:02

Tgt Ion	228	Resp: Lower	310148 Upper
	Ratio		
228	100		
226	31.4	24.1	36.1
229	20.2	15.5	23.3



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.473 ng

RT: 21.49 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM016390.D

Acq: 15 Aug 2018 21:02

Instrument :

BNA_M

ClientSampleId :

PB112011BS

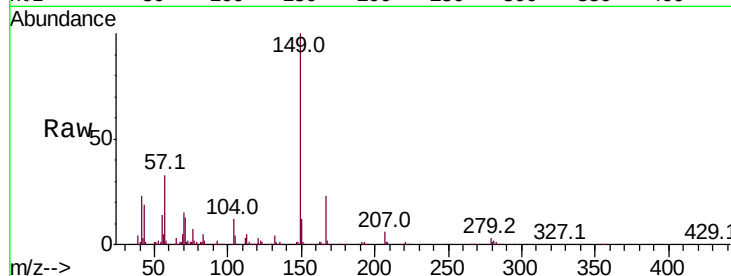
Tot Ion:149 Resp: 230542

Ion Ratio Lower Upper

149 100

167 23.3 22.4 33.6

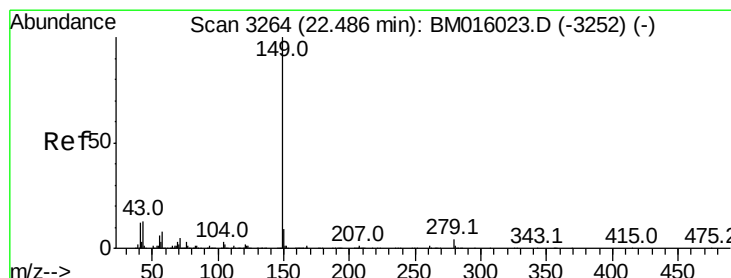
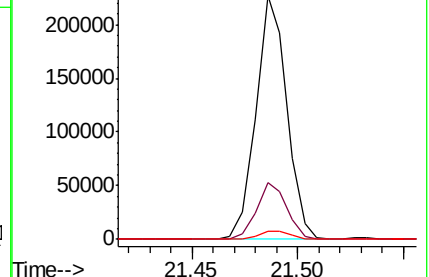
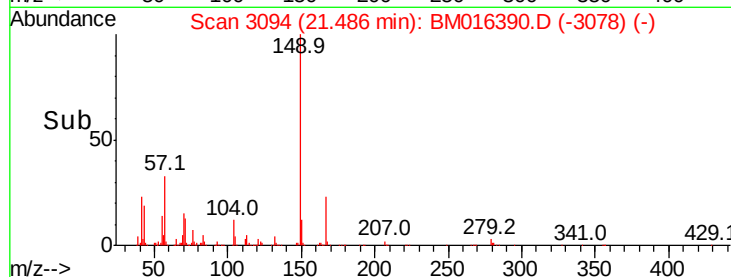
279 3.4 3.4 5.0



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: 43.919 ng

RT: 22.39 min Scan# 3247

Delta R.T. -0.01 min

Lab File: BM016390.D

Acq: 15 Aug 2018 21:02

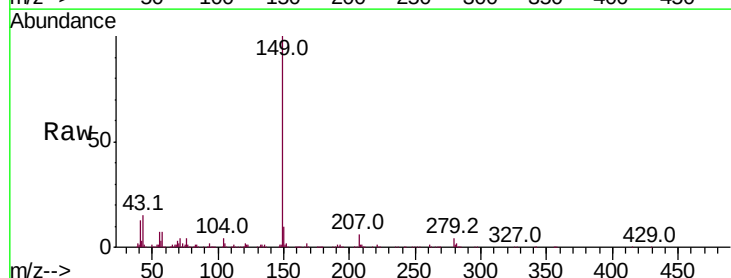
Tgt Ion:149 Resp: 400662

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

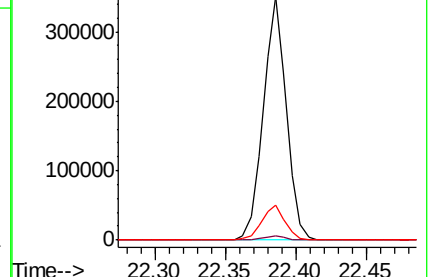
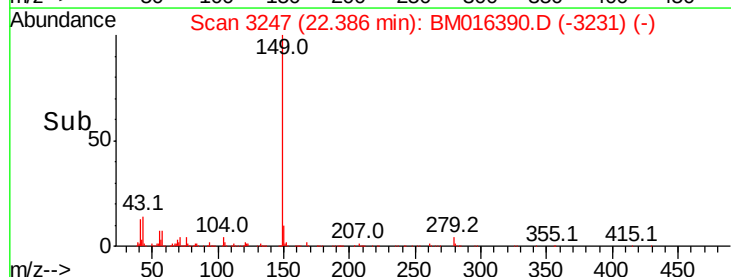
43 14.4 7.3 10.9#

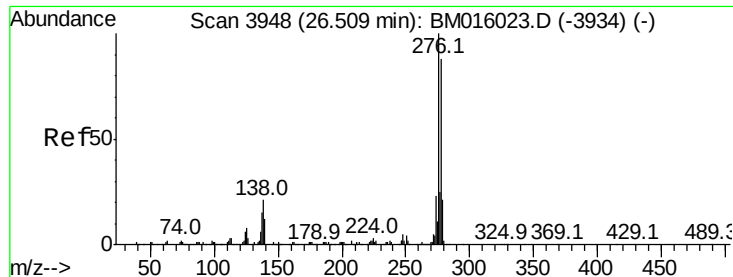


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM

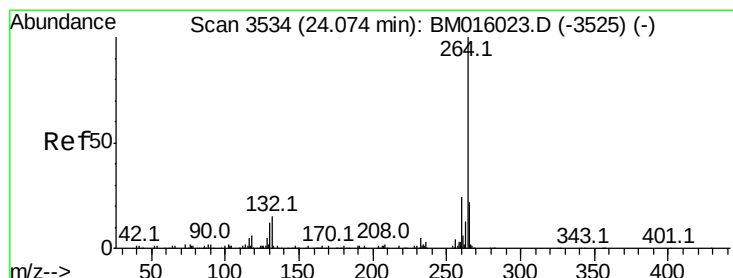
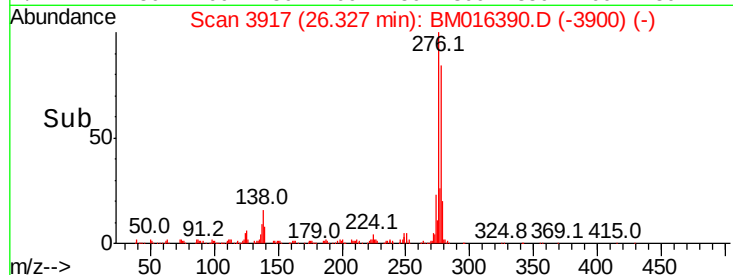
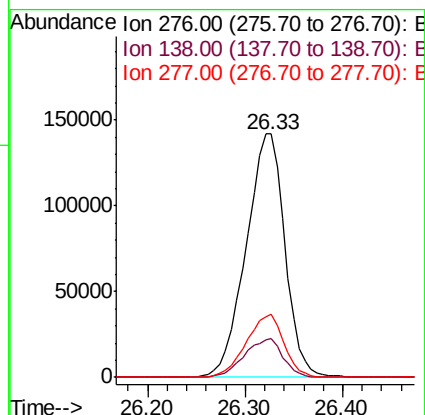
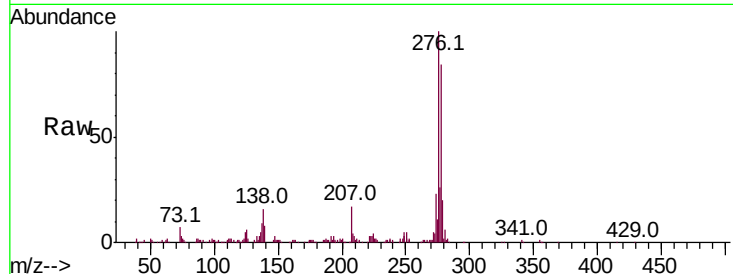




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.570 ng
 RT: 26.33 min Scan# 3917
 Delta R.T. -0.00 min
 Lab File: BM016390.D
 Acq: 15 Aug 2018 21:02

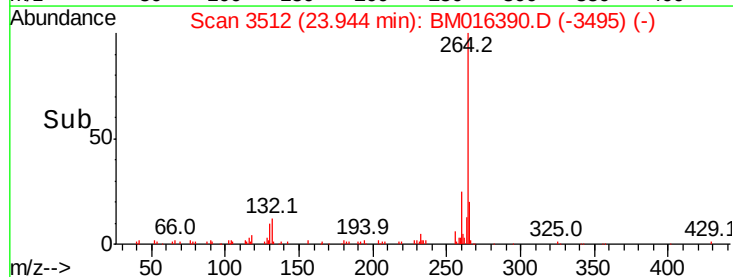
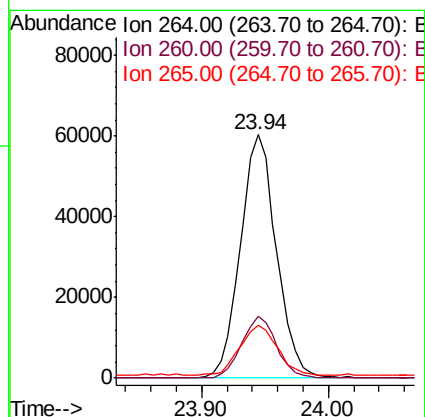
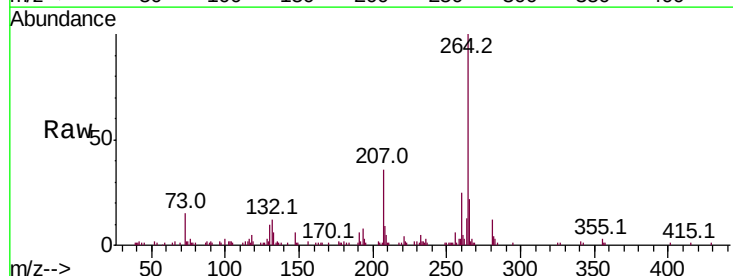
Instrument :
 BNA_M
 ClientSampleId :
 PB112011BS

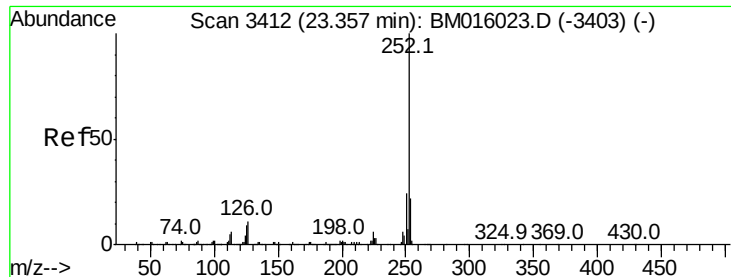
Tot Ion:	276	Resp:	393061
Ion	Ratio	Lower	Upper
276	100		
138	15.9	12.0	18.0
277	25.4	20.0	30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.94 min Scan# 3512
 Delta R.T. -0.00 min
 Lab File: BM016390.D
 Acq: 15 Aug 2018 21:02

Tgt Ion:	264	Resp:	118885
Ion	Ratio	Lower	Upper
264	100		
260	25.3	18.6	27.8
265	21.8	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 46.536 ng

RT: 23.24 min Scan# 3393

Delta R.T. -0.00 min

Lab File: BM016390.D

Acq: 15 Aug 2018 21:02

Instrument :

BNA_M

ClientSampleId :

PB112011BS

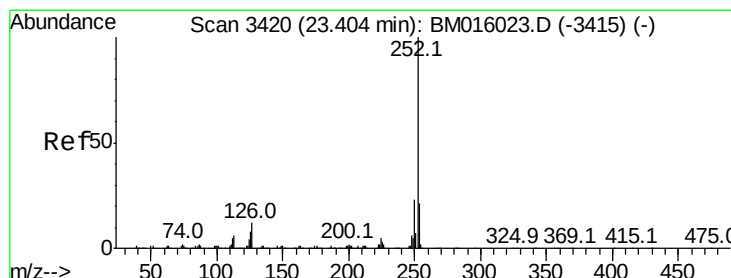
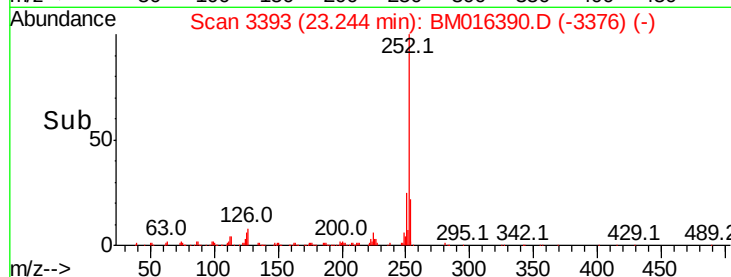
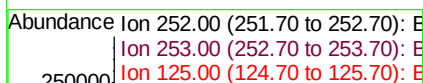
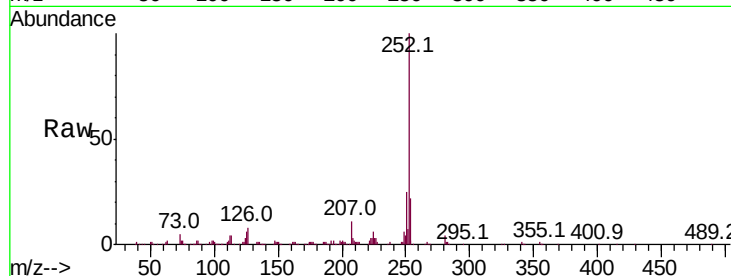
Tot Ion:252 Resp: 325738

Ion Ratio Lower Upper

252 100

253 21.6 18.0 27.0

125 5.7 9.9 14.9#



#88

Benzo(k)fluoranthene

Concen: 45.835 ng

RT: 23.29 min Scan# 3400

Delta R.T. -0.01 min

Lab File: BM016390.D

Acq: 15 Aug 2018 21:02

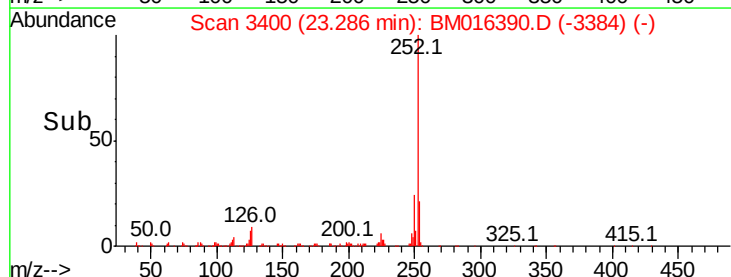
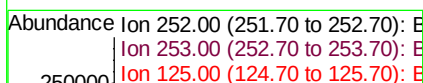
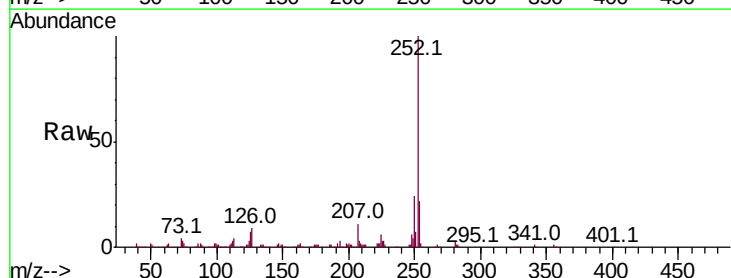
Tgt Ion:252 Resp: 325144

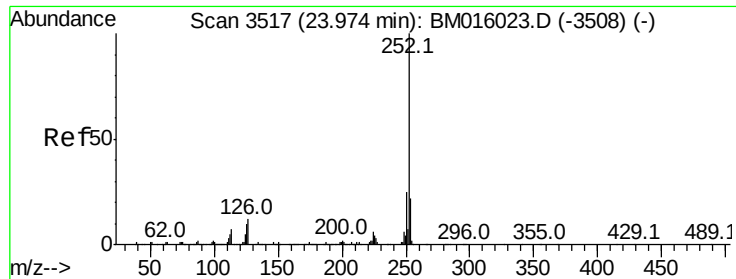
Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

125 6.7 8.1 12.1#





#89

Benzo(a)pyrene

Concen: 47.620 ng

RT: 23.84 min Scan# 3495

Delta R.T. -0.01 min

Lab File: BM016390.D

Acq: 15 Aug 2018 21:02

Instrument :

BNA_M

ClientSampleId :

PB112011BS

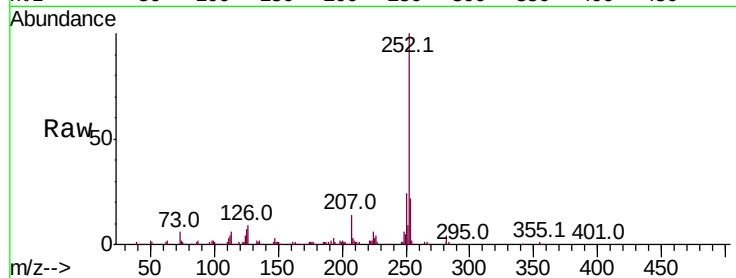
Tot Ion:252 Resp: 320437

Ion Ratio Lower Upper

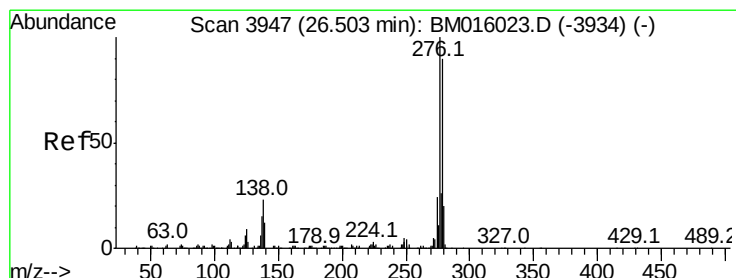
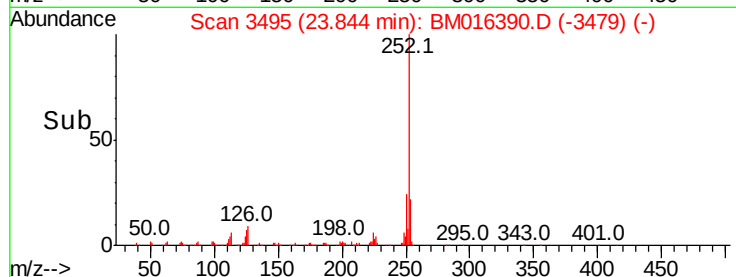
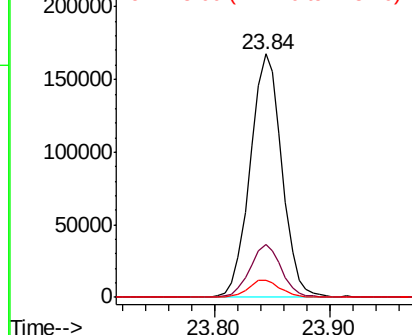
252 100

253 22.0 17.6 26.4

125 7.0 7.4 11.2#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 47.532 ng

RT: 26.32 min Scan# 3916

Delta R.T. -0.01 min

Lab File: BM016390.D

Acq: 15 Aug 2018 21:02

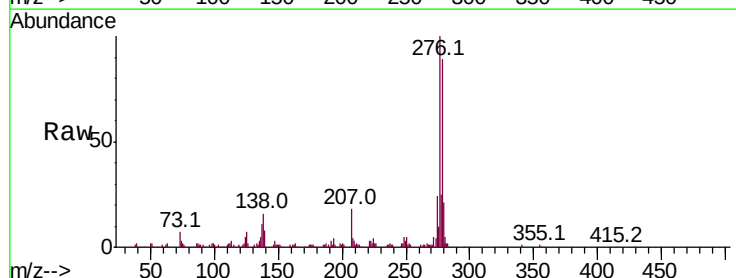
Tgt Ion:278 Resp: 331380

Ion Ratio Lower Upper

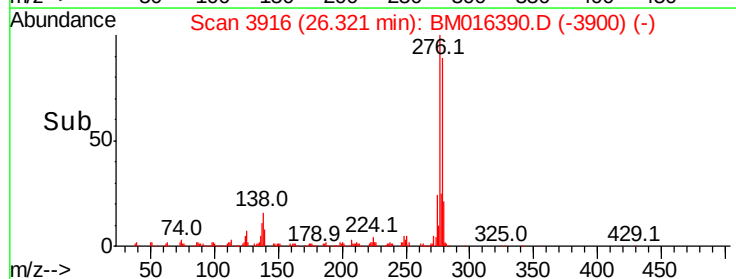
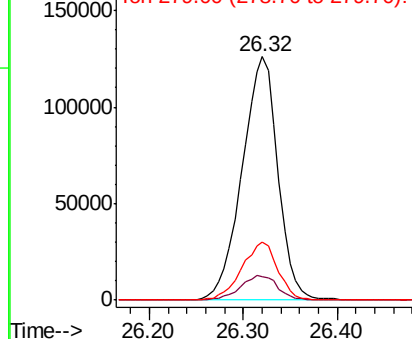
278 100

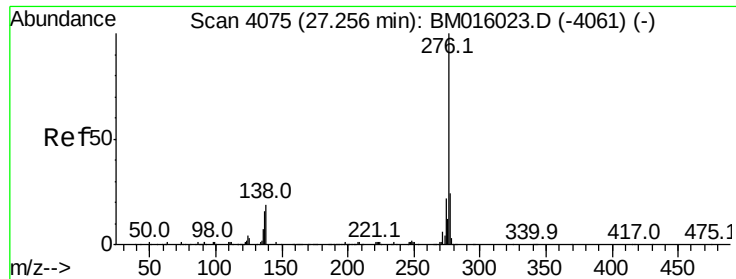
139 9.5 13.4 20.0#

279 23.7 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

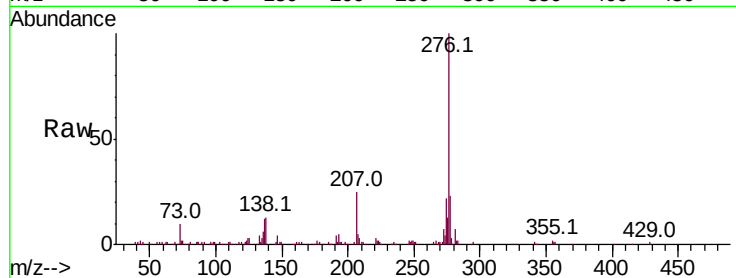




#91
 Benzo(a,h,i)perylene
 Concen: 46.887 ng
 RT: 27.05 min Scan# 4040
 Delta R.T. -0.01 min
 Lab File: BM016390.D
 Acq: 15 Aug 2018 21:02

Instrument :
 BNA_M
 ClientSampleId :
 PB112011BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.5	27.7
138	12.6	19.0	28.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

