

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021219\
 Data File : BM018776.D
 Acq On : 12 Feb 2019 17:12
 Operator : JU/SJ
 Sample : PB117043BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB117043BS

Quant Time: Feb 13 01:33:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	315509	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1356891	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	799392	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	1880198	20.00	ng	0.00
76) Chrysene-d12	21.32	240	2129636	20.00	ng	0.00
87) Perylene-d12	23.57	264	2059731	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	2766387	143.66	ng	0.00
7) Phenol-d6	6.89	99	4000712	147.48	ng	0.00
23) Nitrobenzene-d5	8.89	82	2101446	71.61	ng	0.00
42) 2,4,6-Tribromophenol	15.87	330	1838722	159.57	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	4246704	70.52	ng	0.00
79) Terphenyl-d14	19.75	244	8120477	78.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.25	88	342884	40.883	ng	100
3) Pyridine	3.66	79	1077778	47.111	ng	97
4) n-Nitrosodimethylamine	3.58	42	290547	49.923	ng	95
6) Aniline	7.06	93	1525253	45.889	ng	99
8) 2-Chlorophenol	7.28	128	918492	43.445	ng	97
9) Benzaldehyde	6.87	77	817921	64.948	ng	99
10) Phenol	6.92	94	1260802	44.172	ng	99
11) bis(2-Chloroethyl)ether	7.16	93	928540	42.645	ng	99
12) 1,3-Dichlorobenzene	7.60	146	988878	41.597	ng	100
13) 1,4-Dichlorobenzene	7.75	146	1017556	42.045	ng	99
14) 1,2-Dichlorobenzene	8.06	146	970182	41.733	ng	98
15) Benzyl Alcohol	7.96	79	968209	44.918	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.25	45	889858	42.226	ng	100
17) 2-Methylphenol	8.16	107	806987	44.421	ng	99
18) Hexachloroethane	8.78	117	380155	43.030	ng	99
19) n-Nitroso-di-n-propylamine	8.53	70	925083	44.043	ng	99
20) 3+4-Methylphenols	8.49	107	1114858	44.442	ng	98
22) Acetophenone	8.55	105	1518196	40.743	ng	# 99
24) Nitrobenzene	8.93	77	1287199	42.258	ng	100
25) Isophorone	9.45	82	2317529	49.495	ng	100
26) 2-Nitrophenol	9.63	139	527241	43.464	ng	98
27) 2,4-Dimethylphenol	9.69	122	854084	48.206	ng	99
28) bis(2-Chloroethoxy)methane	9.93	93	1328647	43.880	ng	100
29) 2,4-Dichlorophenol	10.16	162	895209	44.004	ng	99
30) 1,2,4-Trichlorobenzene	10.36	180	963986	41.031	ng	97
31) Naphthalene	10.56	128	2958358	44.704	ng	99
32) Benzoic acid	9.85	122	606843	39.265	ng	96
33) 4-Chloroaniline	10.68	127	1301515	43.997	ng	99
34) Hexachlorobutadiene	10.82	225	538073	39.457	ng	98
35) Caprolactam	11.50	113	229385	27.628	ng	93
36) 4-Chloro-3-methylphenol	11.80	107	1070903	43.661	ng	100
37) 2-Methylnaphthalene	12.17	142	2187317	46.946	ng	99
38) 1-Methylnaphthalene	12.39	142	2087381	45.815	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	1052598	41.162	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.50	237	1402849	107.300	ng	100
43) 2,4,6-Trichlorophenol	12.79	196	731040	43.184	ng	100
44) 2,4,5-Trichlorophenol	12.86	196	792070	44.640	ng	97
46) 1,1'-Biphenyl	13.19	154	2769540	40.249	ng	100
47) 2-Chloronaphthalene	13.24	162	2167495	40.782	ng	99
48) 2-Nitroaniline	13.46	65	786360	44.549	ng	98
49) Acenaphthylene	14.09	152	3597343	45.457	ng	100
50) Dimethylphthalate	13.83	163	2886357	43.325	ng	99
51) 2,6-Dinitrotoluene	13.96	165	637412	44.168	ng	95
52) Acenaphthene	14.43	154	2060401	42.460	ng	99
53) 3-Nitroaniline	14.29	138	686525	42.102	ng	97
54) 2,4-Dinitrophenol	14.50	184	806428	87.484	ng	97
55) Dibenzofuran	14.77	168	3385577	42.448	ng	100
56) 4-Nitrophenol	14.61	139	1154168	88.667	ng	99
57) 2,4-Dinitrotoluene	14.75	165	915749	46.055	ng	99
58) Fluorene	15.42	166	2794174	45.793	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.99	232	742892	47.367	ng	100
60) Diethylphthalate	15.20	149	2996349	43.601	ng	99
61) 4-Chlorophenyl-phenylether	15.42	204	1402261	40.988	ng	96
62) 4-Nitroaniline	15.47	138	699606	43.764	ng	99
63) Azobenzene	15.71	77	3213655	43.613	ng	99
65) 4,6-Dinitro-2-methylphenol	15.51	198	525446	39.803	ng	97
66) n-Nitrosodiphenylamine	15.63	169	2449891	41.242	ng	99
67) 4-Bromophenyl-phenylether	16.31	248	845287	40.165	ng	99
68) Hexachlorobenzene	16.41	284	981768	40.134	ng	99
69) Atrazine	16.59	200	844466	44.096	ng	99
70) Pentachlorophenol	16.76	266	1302663	82.705	ng	100
71) Phenanthrene	17.16	178	4484929	44.386	ng	100
72) Anthracene	17.25	178	4566561	46.432	ng	100
73) Carbazole	17.53	167	4196585	40.842	ng	99
74) Di-n-butylphthalate	18.08	149	5257160	44.487	ng	100
75) Fluoranthene	19.18	202	5317894	45.561	ng	99
77) Benzidine	19.38	184	6394233	133.318	ng	99
78) Pyrene	19.55	202	5458641	44.133	ng	100
80) Butylbenzylphthalate	20.45	149	2590337	45.953	ng	99
81) Benzo(a)anthracene	21.30	228	5583999	44.981	ng	99
82) 3,3'-Dichlorobenzidine	21.24	252	2193521	44.709	ng	100
83) Chrysene	21.35	228	5183198	43.561	ng	100
84) Bis(2-ethylhexyl)phthalate	21.22	149	3754122	45.503	ng	99
85) Di-n-octyl phthalate	22.10	149	6454484	46.548	ng	100
86) Indeno(1,2,3-cd)pyrene	25.87	276	5683031	41.369	ng	100
88) Benzo(b)fluoranthene	22.90	252	5540666	47.017	ng	99
89) Benzo(k)fluoranthene	22.94	252	5447154	46.429	ng	99
90) Benzo(a)pyrene	23.48	252	5265316	47.165	ng	99
91) Dibenzo(a,h)anthracene	25.89	278	4864425	43.981	ng	99
92) Benzo(g,h,i)perylene	26.58	276	4440456	43.124	ng	100

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

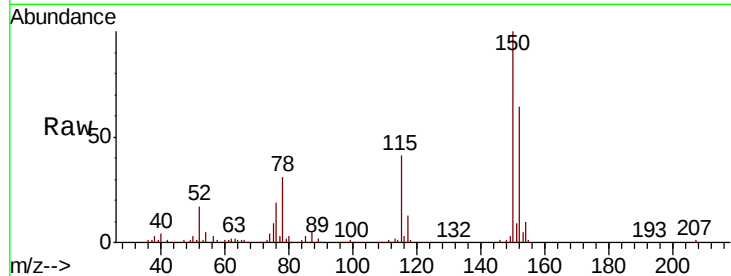


#1

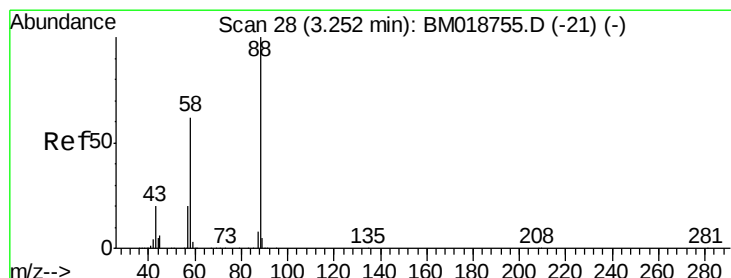
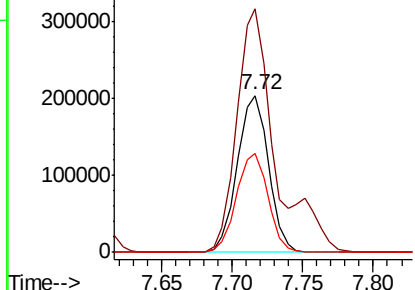
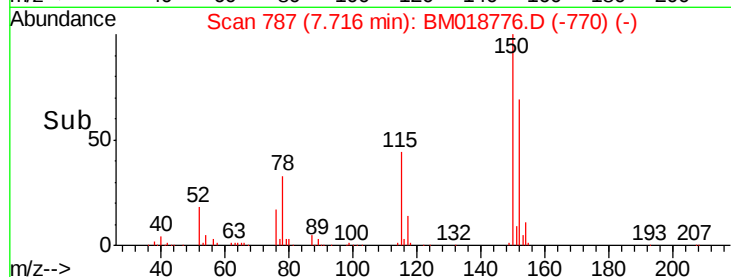
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Instrument :
BNA_M
ClientSampleId :
PB117043BS

Tgt Ion:152 Resp: 315509
Ion Ratio Lower Upper
152 100
150 155.4 127.3 190.9
115 63.5 50.8 76.2



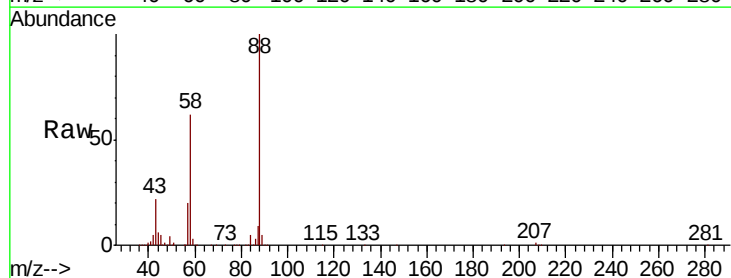
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



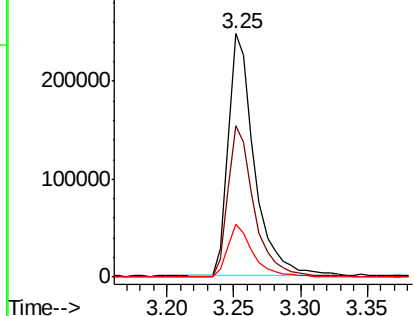
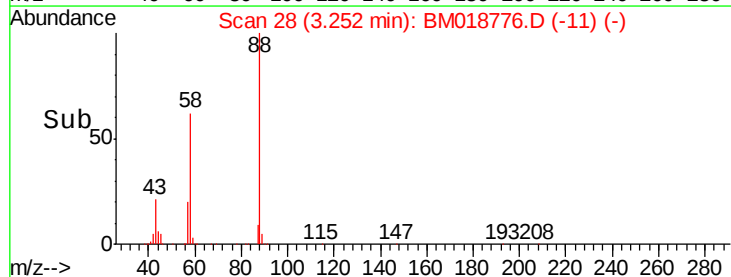
#2

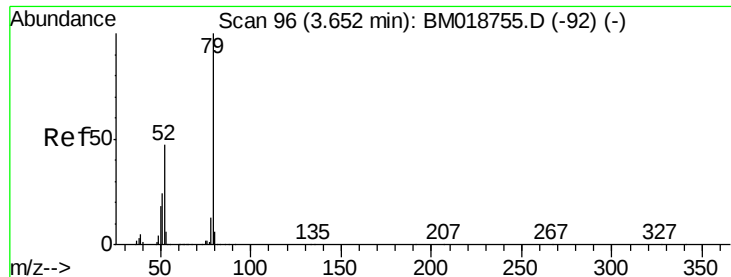
1,4-Dioxane
Concen: 40.883 ng
RT: 3.25 min Scan# 28
Delta R.T. -0.00 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Tgt Ion: 88 Resp: 342884
Ion Ratio Lower Upper
88 100
58 62.4 49.8 74.6
43 20.8 16.7 25.1



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

Pyridine

Concen: 47.111 ng

RT: 3.66 min Scan# 97

Delta R.T. 0.01 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_M

ClientSampleId :

PB117043BS

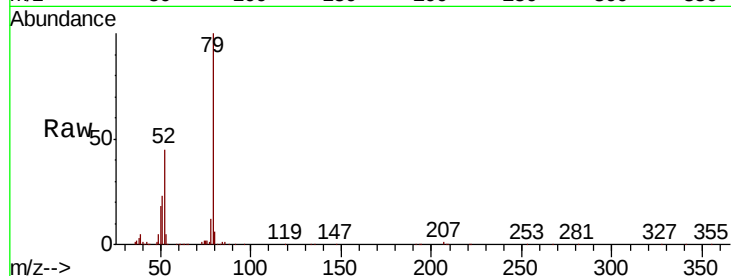
Tgt Ion: 79 Resp: 1077778

Ion Ratio Lower Upper

79 100

52 44.6 37.6 56.4

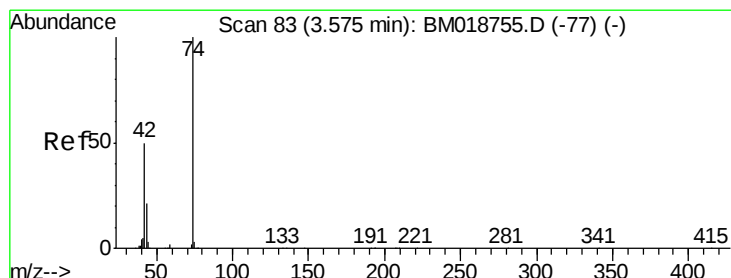
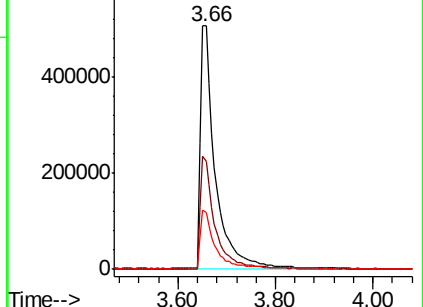
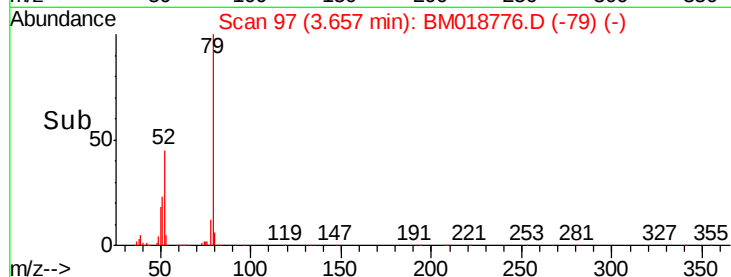
51 23.4 19.7 29.5



Abundance Ion 79.00 (78.70 to 79.70): BM018776.D (-79) (-)

Ion 52.00 (51.70 to 52.70): BM018776.D (-79) (-)

Ion 51.00 (50.70 to 51.70): BM018776.D (-79) (-)



#4

n-Nitrosodimethylamine

Concen: 49.923 ng

RT: 3.58 min Scan# 83

Delta R.T. -0.00 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

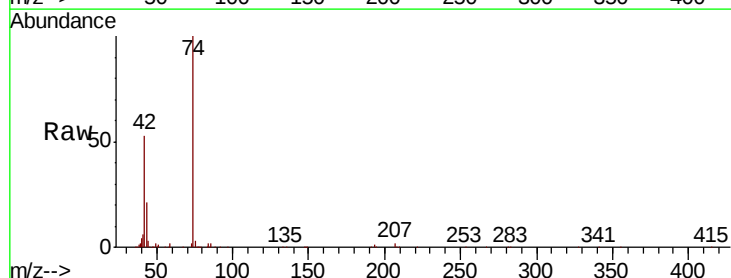
Tgt Ion: 42 Resp: 290547

Ion Ratio Lower Upper

42 100

74 190.0 158.1 237.1

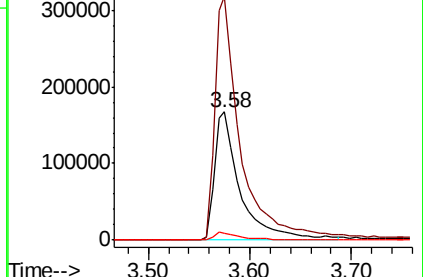
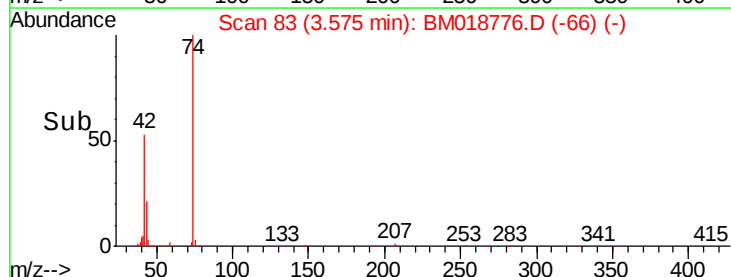
44 5.8 4.9 7.3

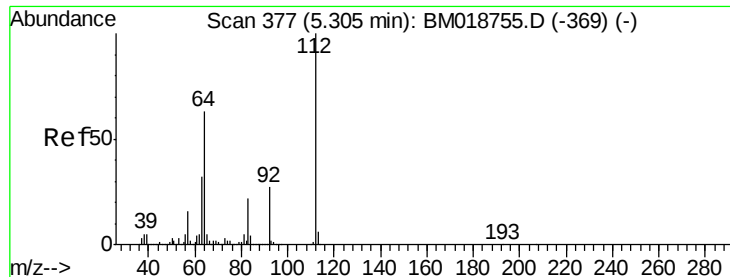


Abundance Ion 42.00 (41.70 to 42.70): BM018776.D (-66) (-)

Ion 74.00 (73.70 to 74.70): BM018776.D (-66) (-)

Ion 44.00 (43.70 to 44.70): BM018776.D (-66) (-)





#5

2-Fluorophenol

Concen: 143.662 ng

RT: 5.30 min Scan# 377

Delta R.T. -0.00 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_M

ClientSampleId :

PB117043BS

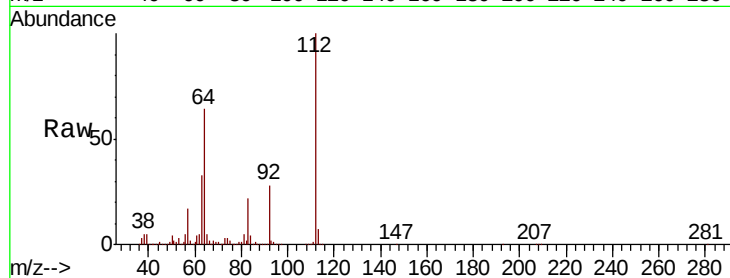
Tgt Ion: 112 Resp: 2766387

Ion Ratio Lower Upper

112 100

64 63.9 50.6 75.8

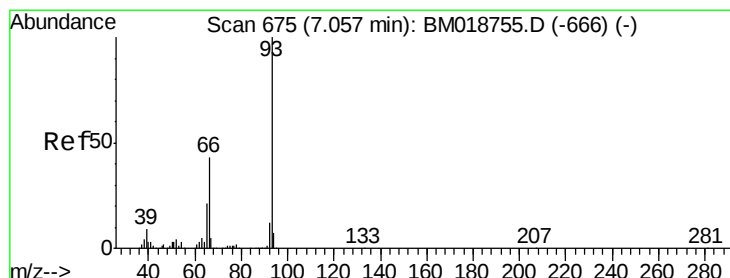
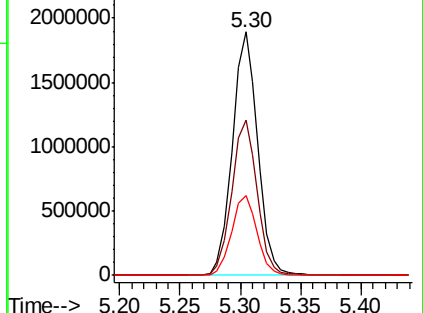
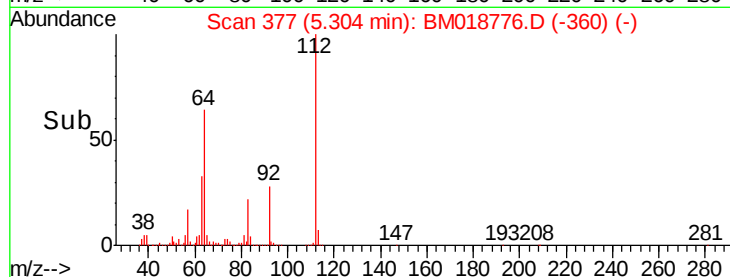
63 33.0 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 45.889 ng

RT: 7.06 min Scan# 675

Delta R.T. -0.00 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

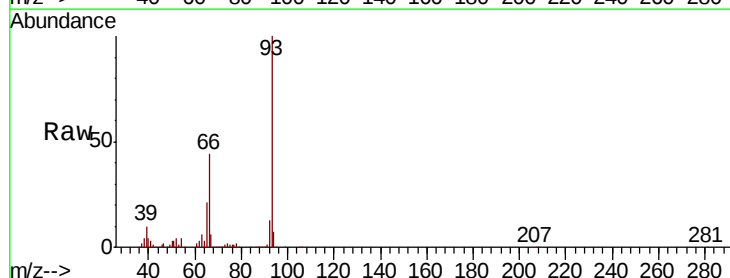
Tgt Ion: 93 Resp: 1525253

Ion Ratio Lower Upper

93 100

66 43.5 34.1 51.1

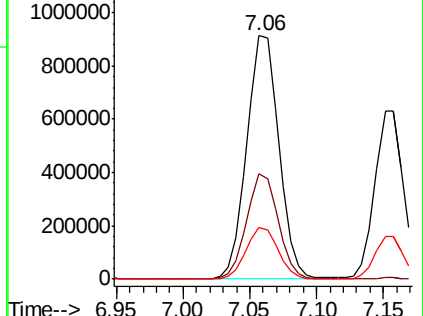
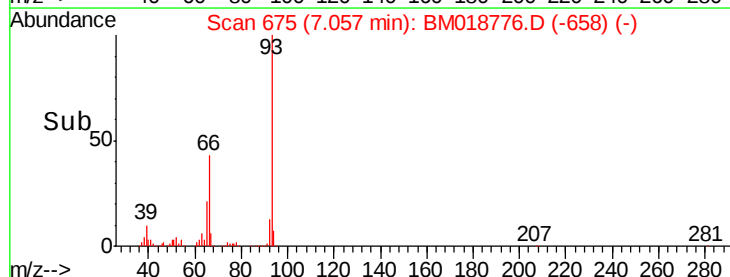
65 21.5 16.6 24.8

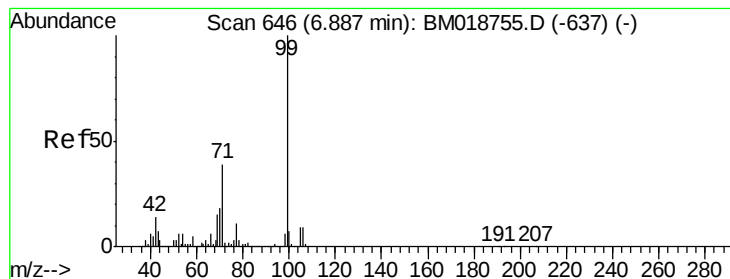


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 147.479 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.01 min

Lab File: BM018776.D

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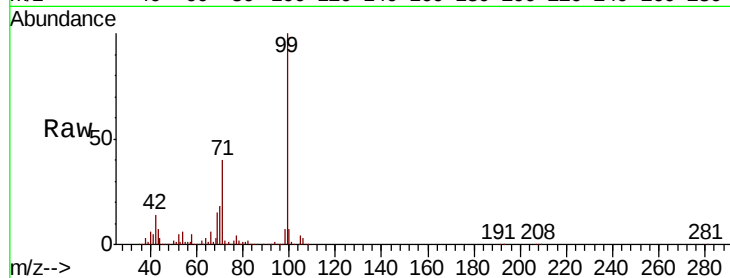
Tgt Ion: 99 Resp: 4000712

Ion Ratio Lower Upper

99 100

42 14.3 11.0 16.6

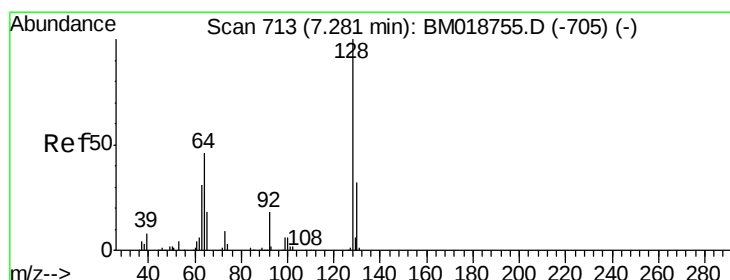
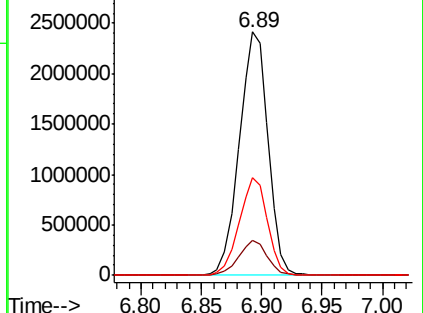
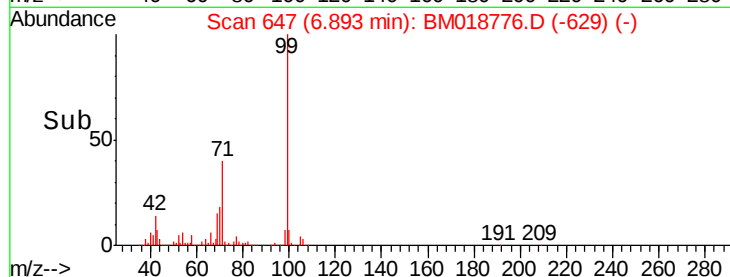
71 40.1 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018776.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM018776.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM018776.D (-629) (-)



#8

2-Chlorophenol

Concen: 43.445 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

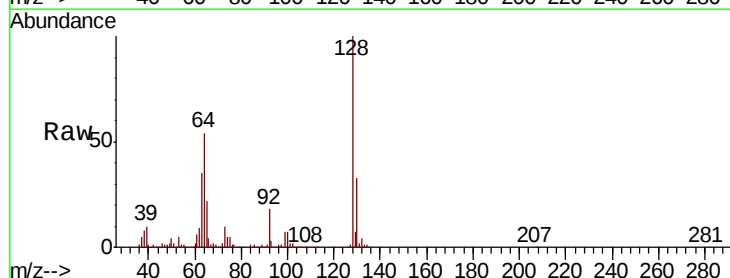
Tgt Ion: 128 Resp: 918492

Ion Ratio Lower Upper

128 100

130 32.6 11.7 51.7

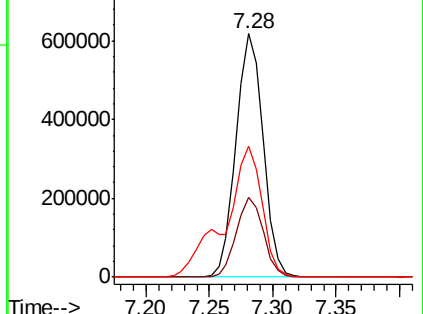
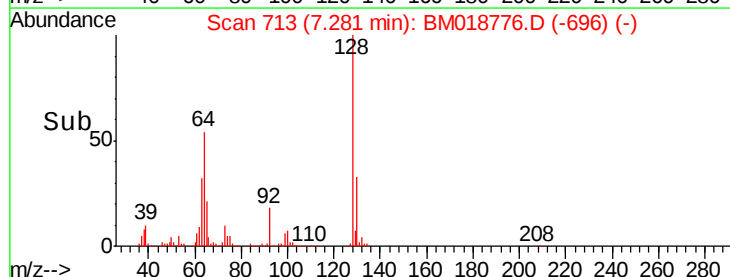
64 53.8 31.0 71.0

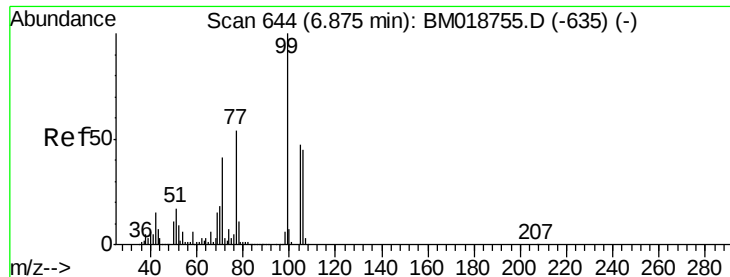


Abundance Ion 128.00 (127.70 to 128.70): BM018776.D (-696) (-)

Ion 130.00 (129.70 to 130.70): BM018776.D (-696) (-)

Ion 64.00 (63.70 to 64.70): BM018776.D (-696) (-)





#9

Benzaldehyde

Concen: 64.948 ng

RT: 6.87 min Scan# 644

Delta R.T. -0.00 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_M

ClientSampleId :

PB117043BS

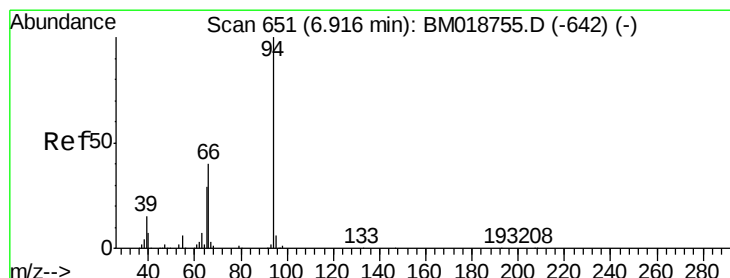
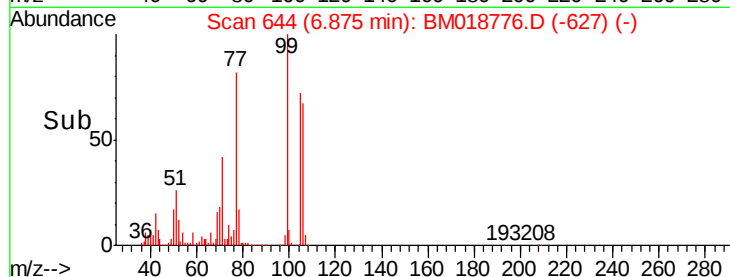
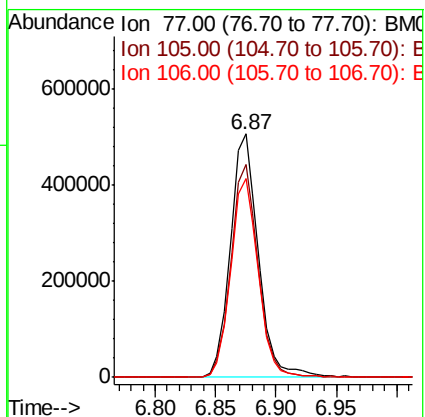
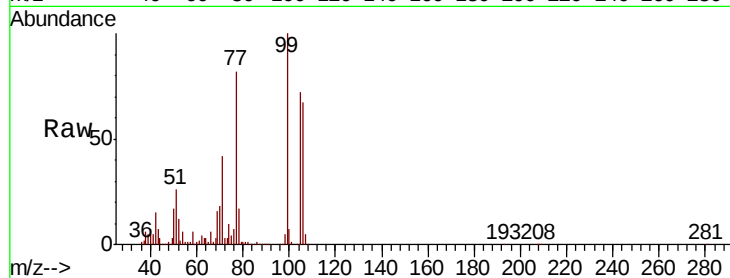
Tgt Ion: 77 Resp: 817921

Ion Ratio Lower Upper

77 100

105 87.5 67.3 107.3

106 81.7 62.9 102.9



#10

Phenol

Concen: 44.172 ng

RT: 6.92 min Scan# 652

Delta R.T. 0.01 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

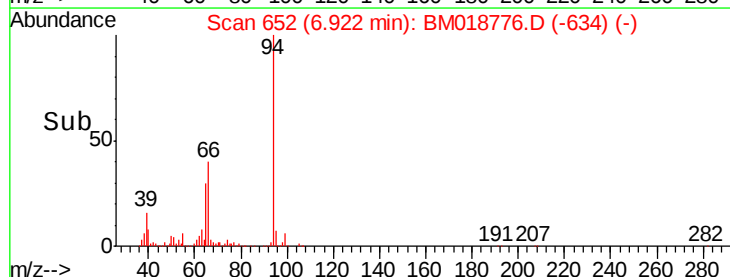
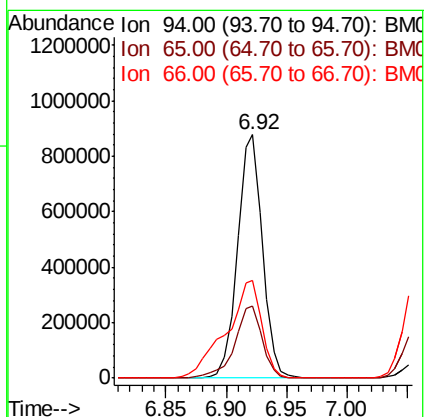
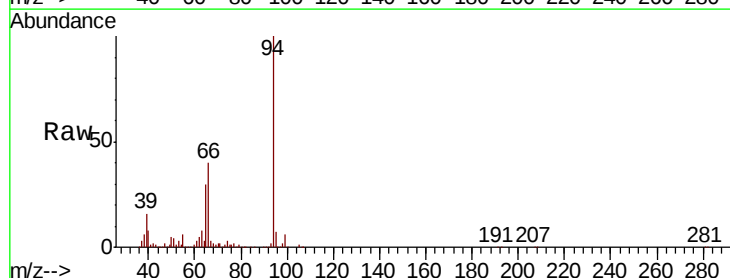
Tgt Ion: 94 Resp: 1260802

Ion Ratio Lower Upper

94 100

65 29.5 9.6 49.6

66 39.9 20.4 60.4

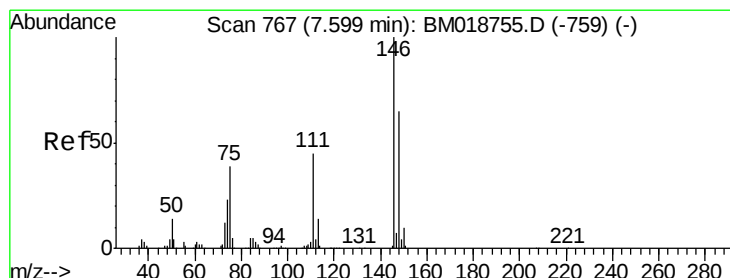
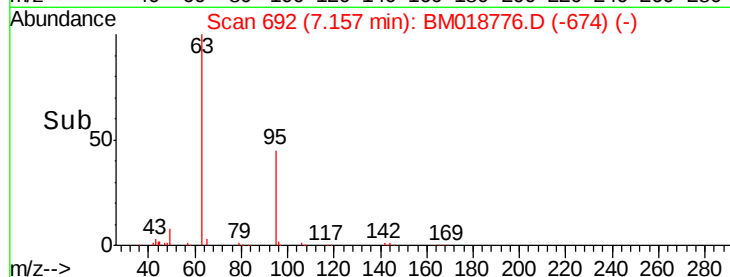
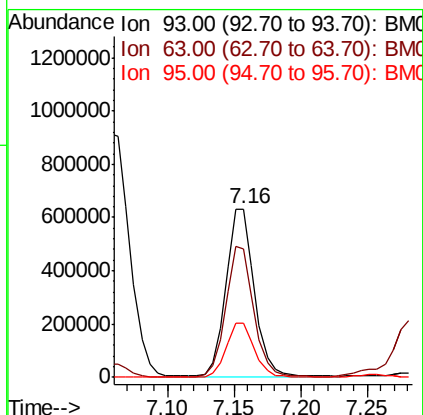
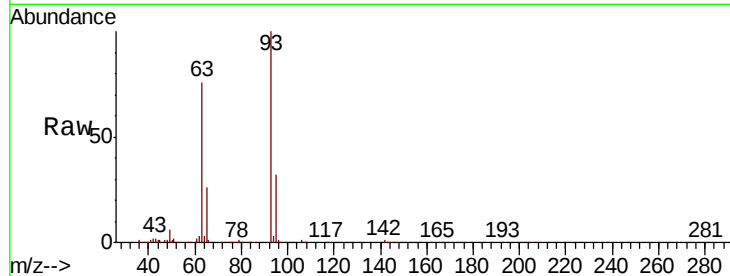




#11
bis(2-Chloroethyl)ether
Concen: 42.645 ng
RT: 7.16 min Scan# 692
Delta R.T. 0.01 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

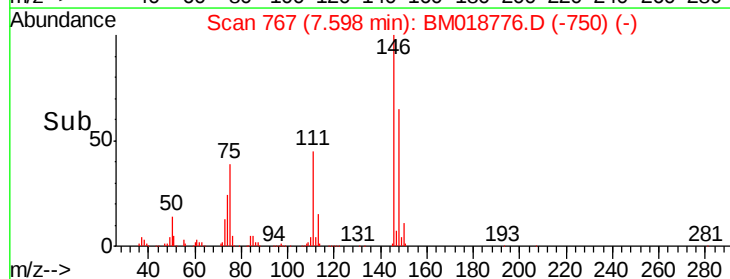
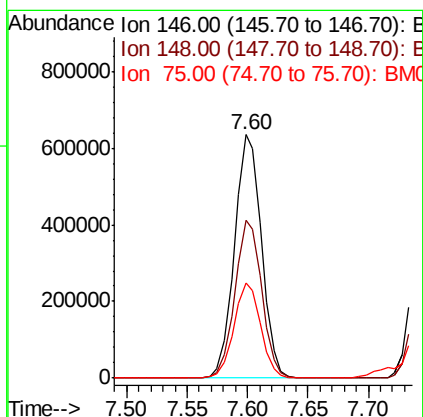
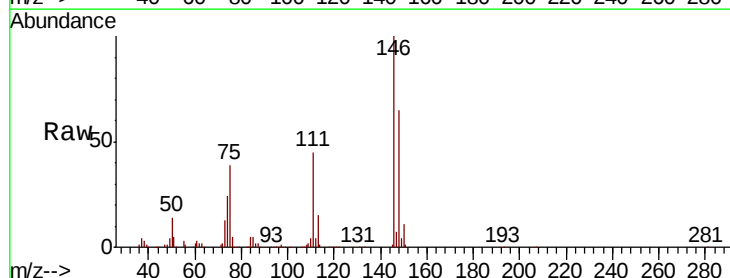
Instrument :
BNA_M
ClientSampleId :
PB117043BS

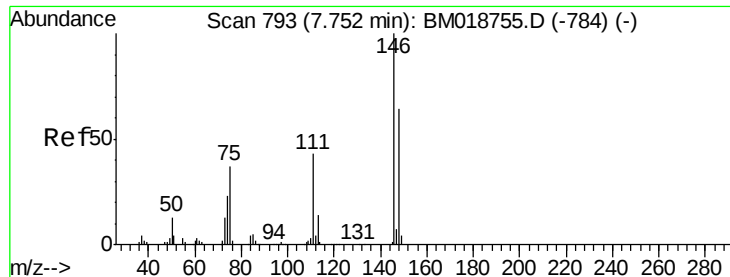
Tgt Ion: 93 Resp: 928540
Ion Ratio Lower Upper
93 100
63 76.3 57.0 97.0
95 31.8 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 41.597 ng
RT: 7.60 min Scan# 767
Delta R.T. -0.00 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Tgt Ion: 146 Resp: 988878
Ion Ratio Lower Upper
146 100
148 64.8 51.7 77.5
75 39.0 31.3 46.9

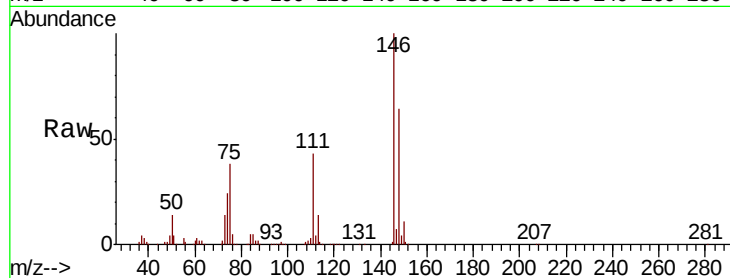




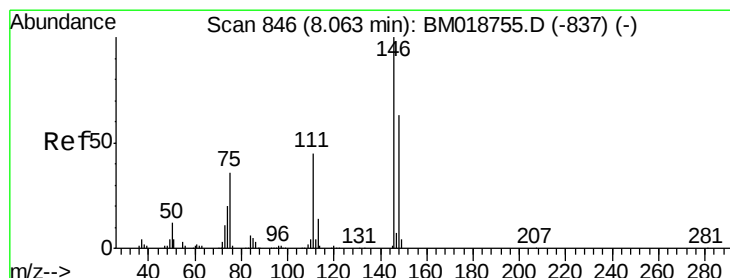
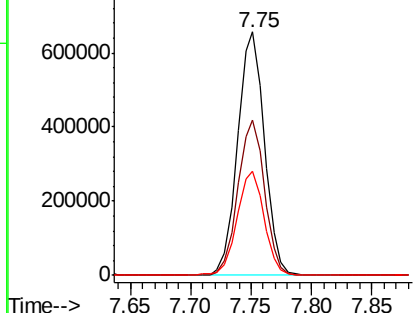
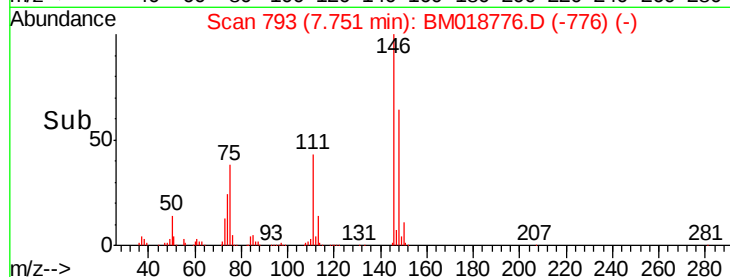
#13
 1,4-Dichlorobenzene
 Concen: 42.045 ng
 RT: 7.75 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BM018776.D
 Acq: 12 Feb 2019 17:12

Instrument :
 BNA_M
 ClientSampleId :
 PB117043BS

Tgt Ion:146 Resp: 1017556
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.4 77.2
 111 42.9 34.6 52.0

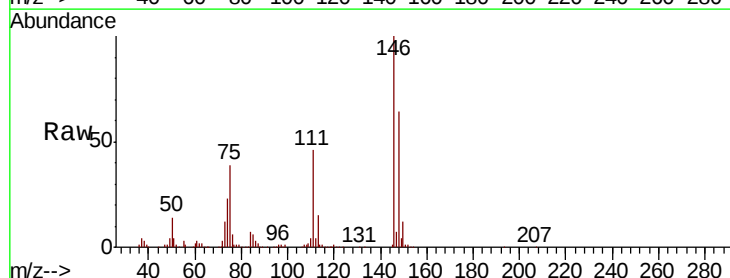


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

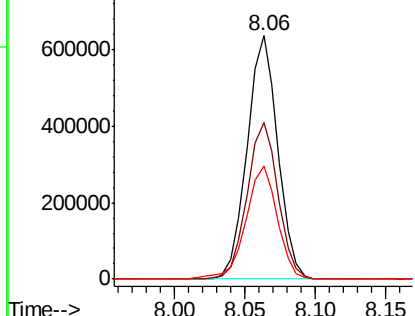
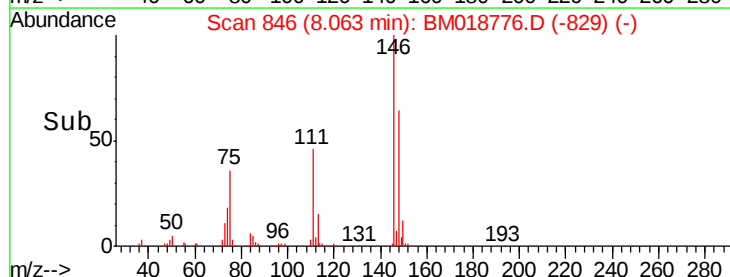


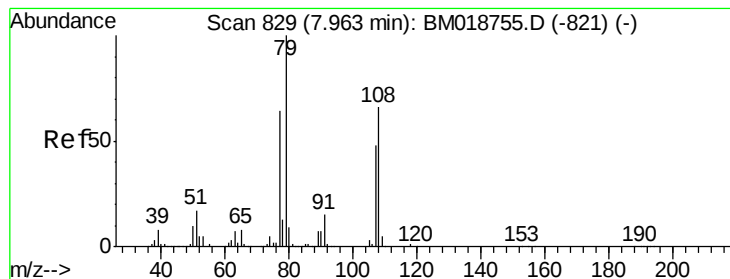
#14
 1,2-Dichlorobenzene
 Concen: 41.733 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BM018776.D
 Acq: 12 Feb 2019 17:12

Tgt Ion:146 Resp: 970182
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.7 76.1
 111 46.2 35.9 53.9



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: 44.918 ng

RT: 7.96 min Scan# 829

Delta R.T. -0.00 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_M

ClientSampleId :

PB117043BS

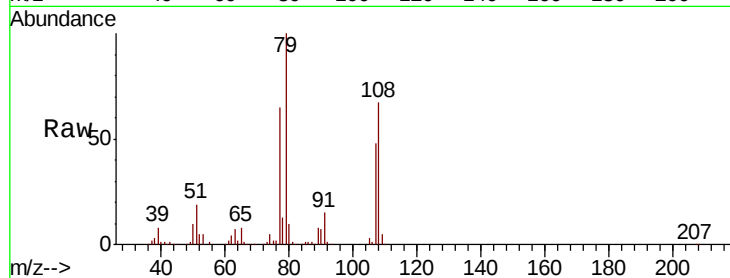
Tgt Ion: 79 Resp: 968209

Ion Ratio Lower Upper

79 100

108 67.1 52.7 79.1

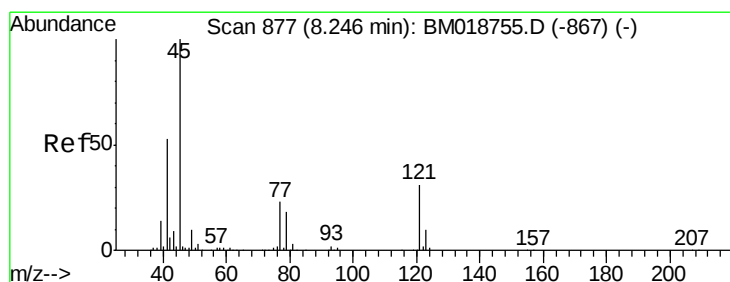
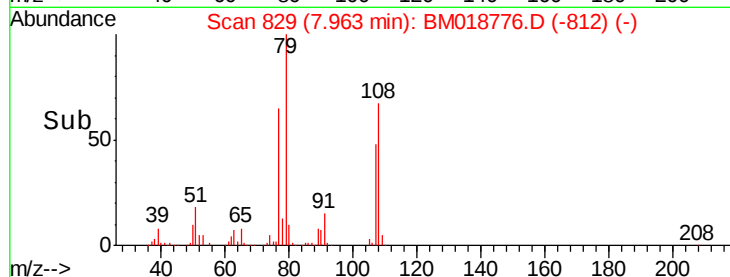
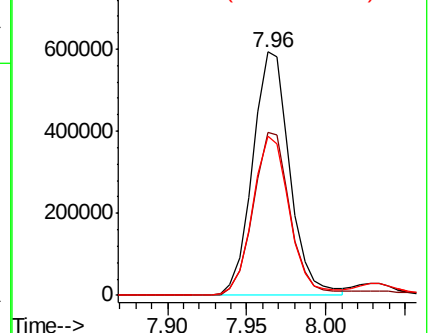
77 65.4 51.0 76.4



Abundance Ion 79.00 (78.70 to 79.70): BM018755.D (-821) (-)

Ion 108.00 (107.70 to 108.70): BM018755.D (-821) (-)

Ion 77.00 (76.70 to 77.70): BM018755.D (-821) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.226 ng

RT: 8.25 min Scan# 877

Delta R.T. -0.00 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

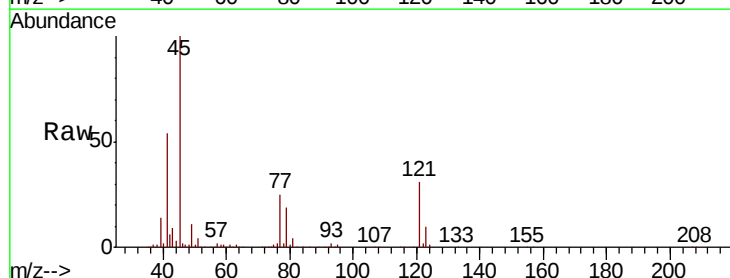
Tgt Ion: 45 Resp: 889858

Ion Ratio Lower Upper

45 100

77 24.9 5.0 45.0

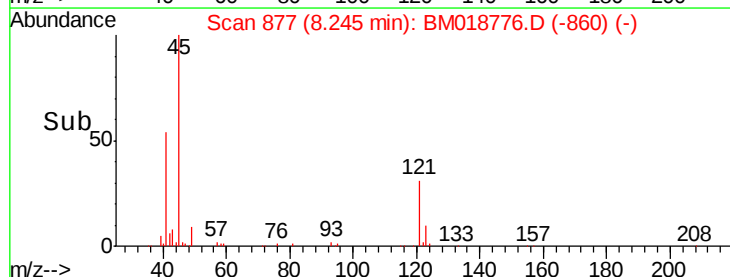
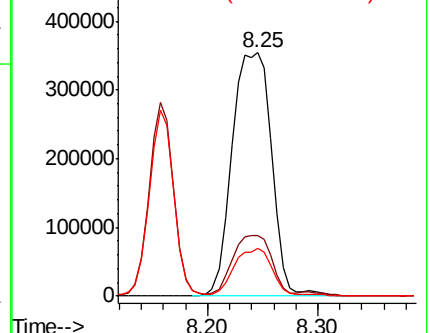
79 19.5 0.0 39.3

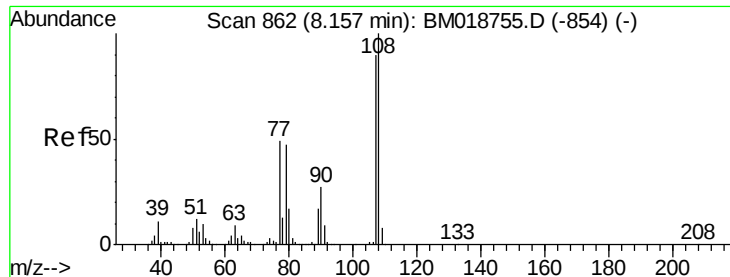


Abundance Ion 45.00 (44.70 to 45.70): BM018755.D (-867) (-)

Ion 77.00 (76.70 to 77.70): BM018755.D (-867) (-)

Ion 79.00 (78.70 to 79.70): BM018755.D (-867) (-)

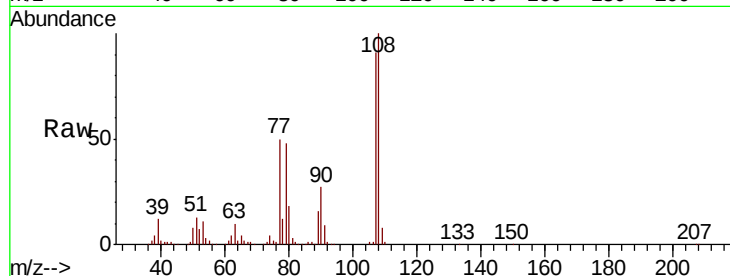




#17
2-Methylphenol
Concen: 44.421 ng
RT: 8.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Instrument :
BNA_M
ClientSampleId :
PB117043BS

Tgt Ion:	107	Resp:	806987
Ion	Ratio	Lower	Upper
107	100		
108	109.9	88.8	133.2
77	54.7	44.0	66.0
79	52.6	42.4	63.6



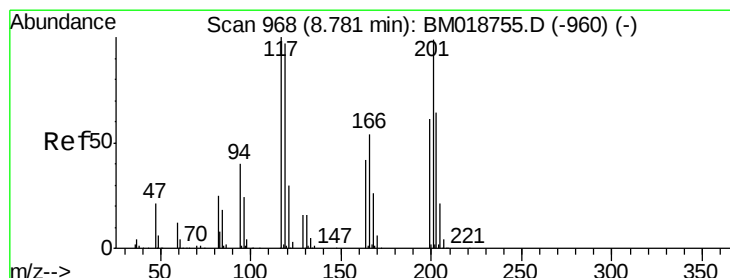
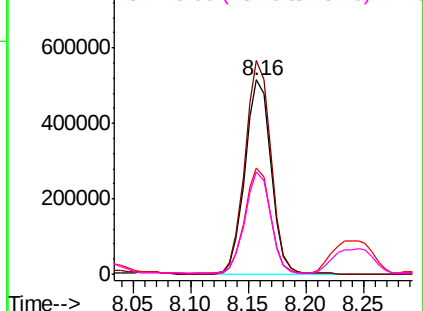
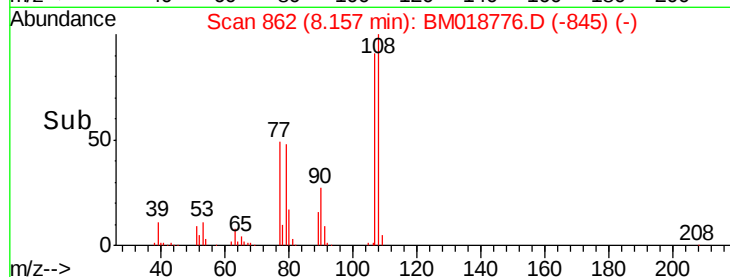
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

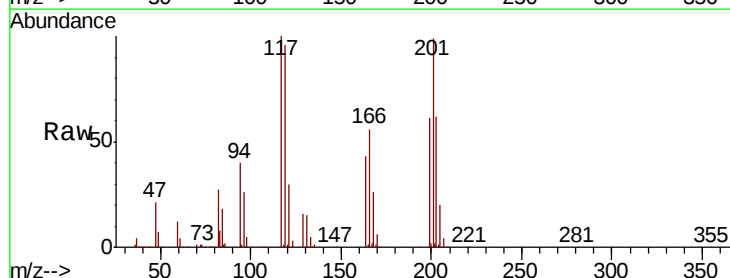
Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18
Hexachloroethane
Concen: 43.030 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.00 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Tgt Ion:	117	Resp:	380155
Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.9	116.9
201	98.6	79.2	118.8

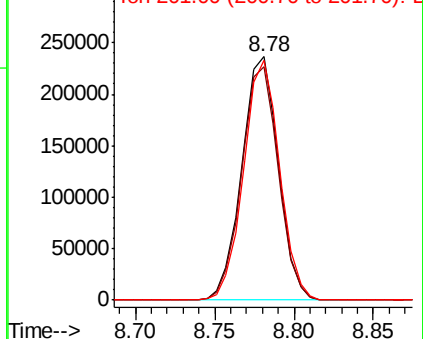
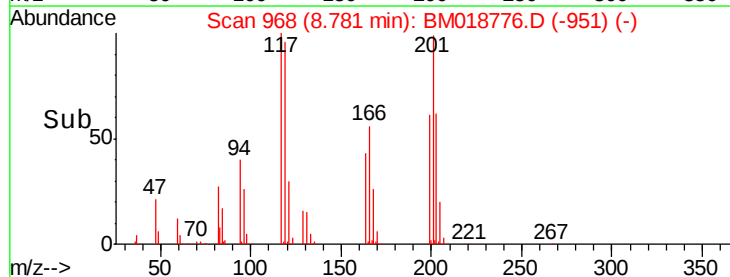


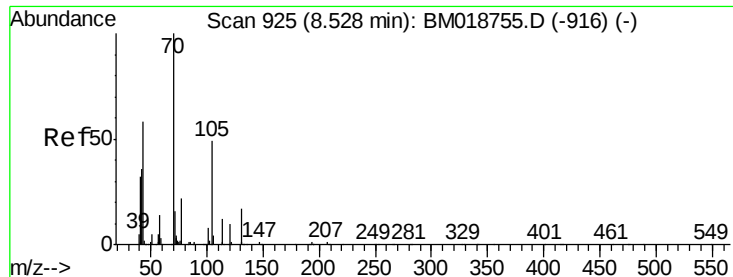
Abundance

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

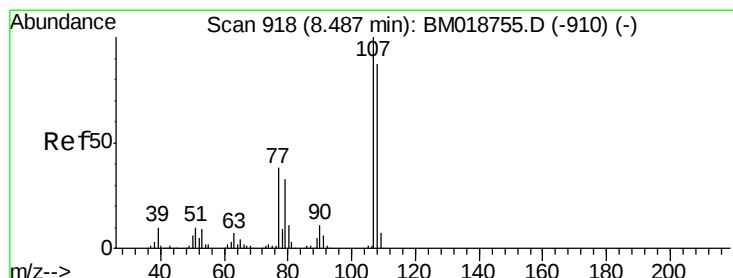
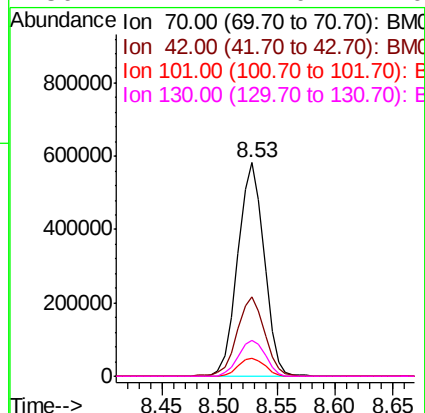
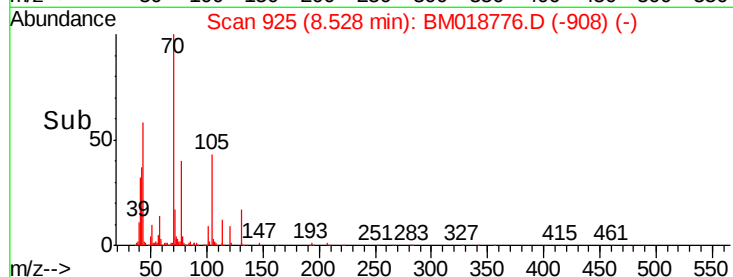
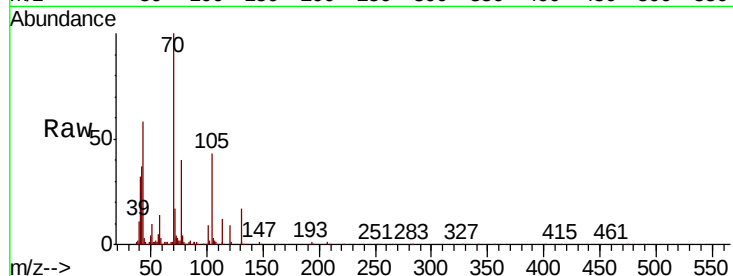




#19
n-Nitroso-di-n-propylamine
Concen: 44.043 ng
RT: 8.53 min Scan# 925
Delta R.T. -0.00 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

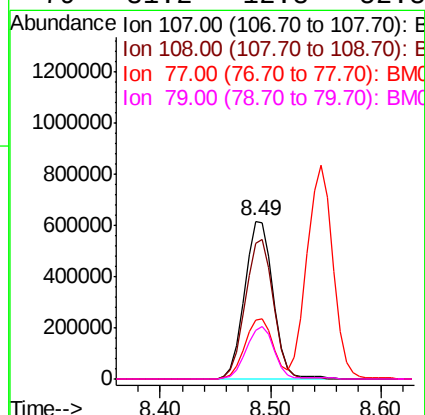
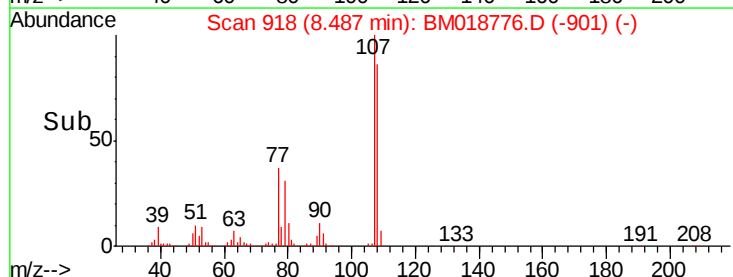
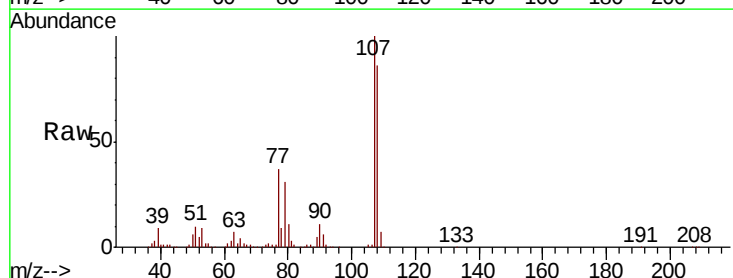
Instrument :
BNA_M
ClientSampleId :
PB117043BS

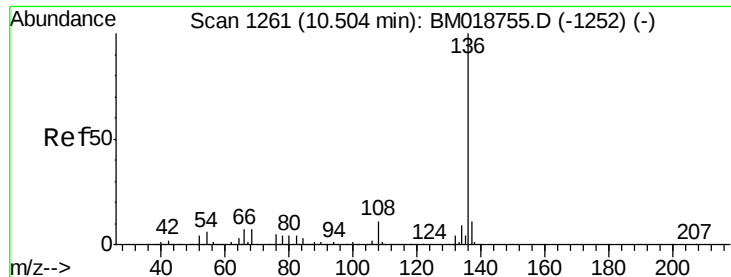
Tgt Ion:	70	Resp:	925083
Ion	Ratio	Lower	Upper
70	100		
42	36.9	29.4	44.0
101	8.6	6.7	10.1
130	17.1	14.0	21.0



#20
3+4-Methylphenols
Concen: 44.442 ng
RT: 8.49 min Scan# 918
Delta R.T. -0.00 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Tgt Ion:	107	Resp:	1114858
Ion	Ratio	Lower	Upper
107	100		
108	85.9	67.3	107.3
77	37.3	18.0	58.0
79	31.2	12.8	52.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.50 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_M

ClientSampleId :

PB117043BS

Tgt Ion:136 Resp: 1356891

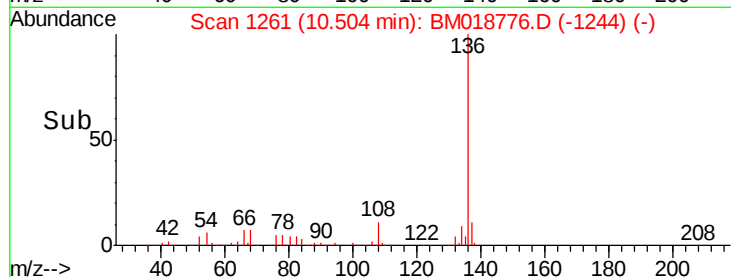
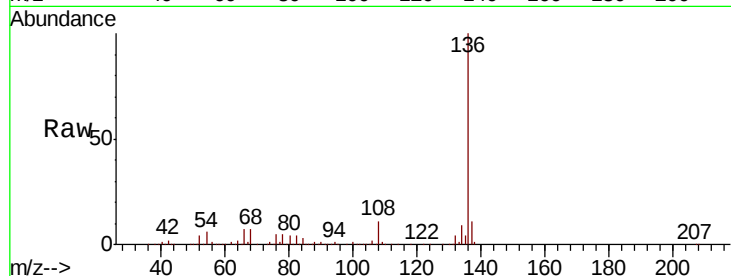
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 6.2 5.0 7.6

68 7.1 5.5 8.3



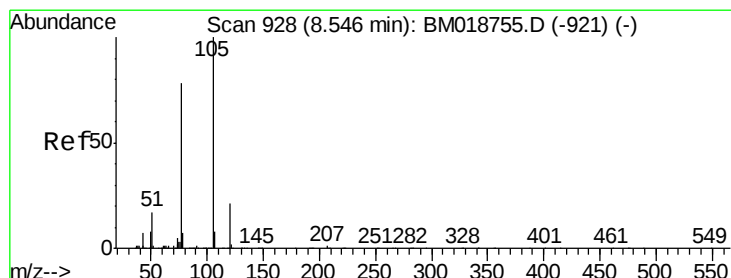
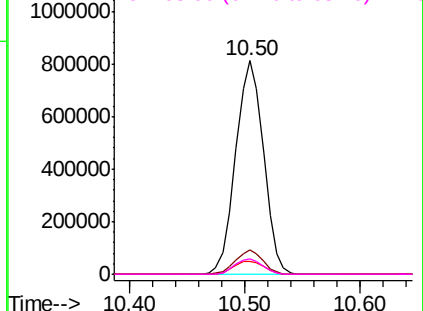
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 40.743 ng

RT: 8.55 min Scan# 928

Delta R.T. -0.00 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

Tgt Ion:105 Resp: 1518196

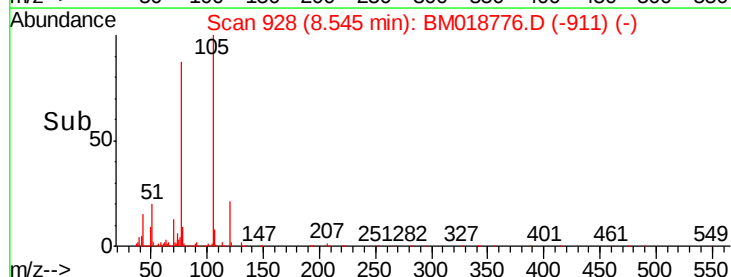
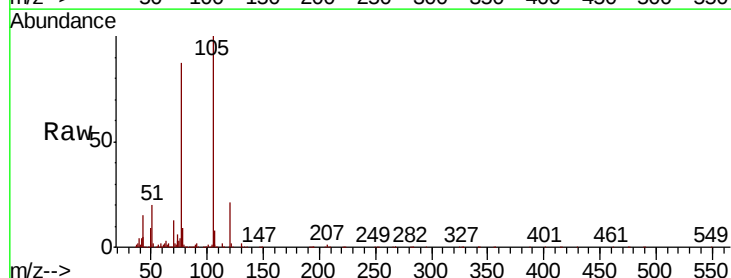
Ion Ratio Lower Upper

105 100

71 2.1 1.1 1.7#

51 19.9 15.5 23.3

120 21.0 17.0 25.4



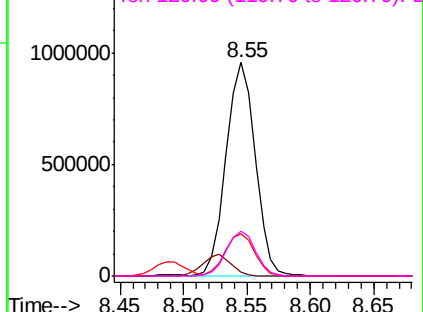
Abundance

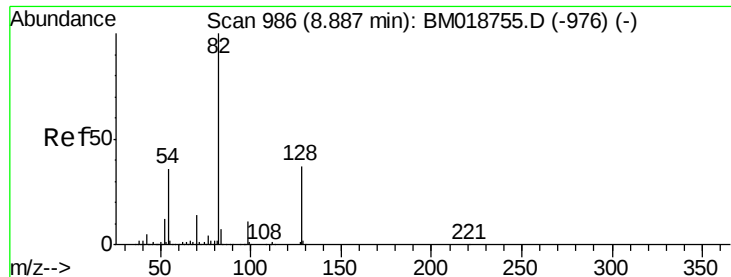
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

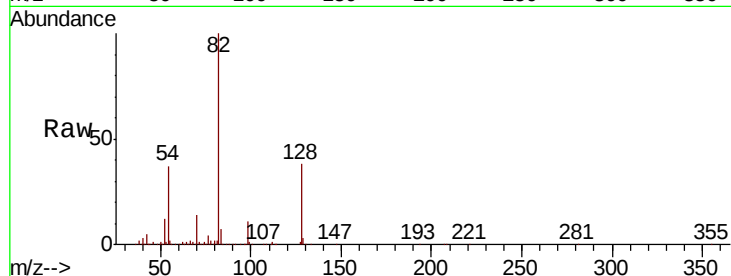




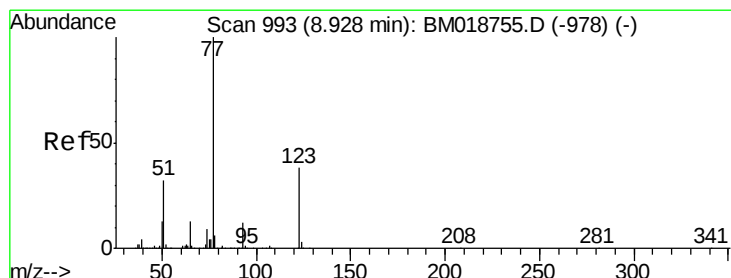
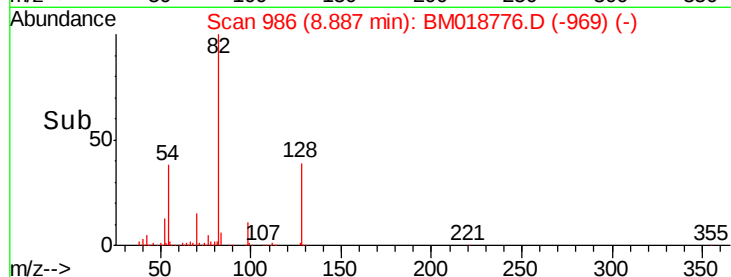
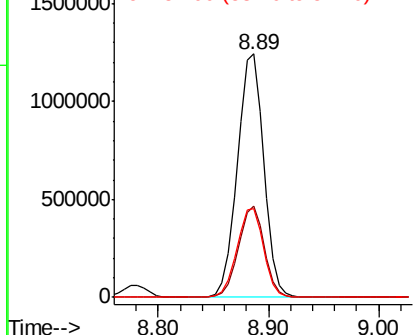
#23
 Nitrobenzene-d5
 Concen: 71.611 ng
 RT: 8.89 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: BM018776.D
 Acq: 12 Feb 2019 17:12

Instrument :
 BNA_M
 ClientSampleId :
 PB117043BS

Tgt Ion: 82 Resp: 2101446
 Ion Ratio Lower Upper
 82 100
 128 37.6 29.9 44.9
 54 36.6 29.1 43.7

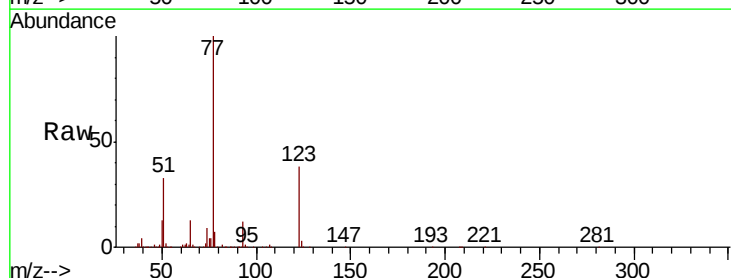


Abundance Ion 82.00 (81.70 to 82.70): BM0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BM0

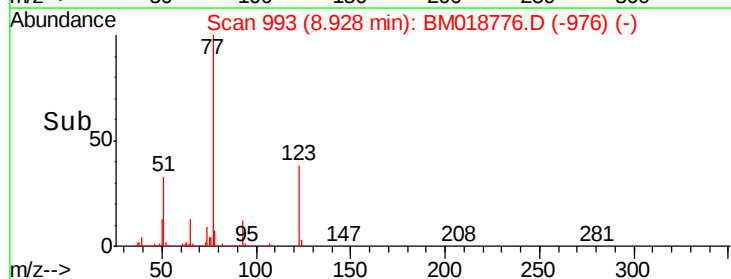
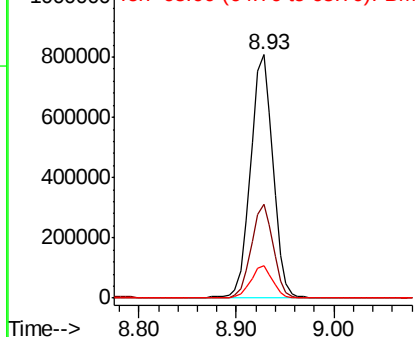


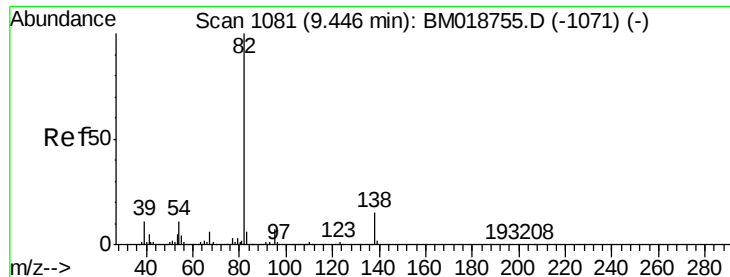
#24
 Nitrobenzene
 Concen: 42.258 ng
 RT: 8.93 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: BM018776.D
 Acq: 12 Feb 2019 17:12

Tgt Ion: 77 Resp: 1287199
 Ion Ratio Lower Upper
 77 100
 123 38.4 30.7 46.1
 65 13.1 10.5 15.7



Abundance Ion 77.00 (76.70 to 77.70): BM0
 Ion 123.00 (122.70 to 123.70): E
 Ion 65.00 (64.70 to 65.70): BM0





#25

Isophorone

Concen: 49.495 ng

RT: 9.45 min Scan# 1081

Delta R.T. -0.00 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_M

ClientSampleId :

PB117043BS

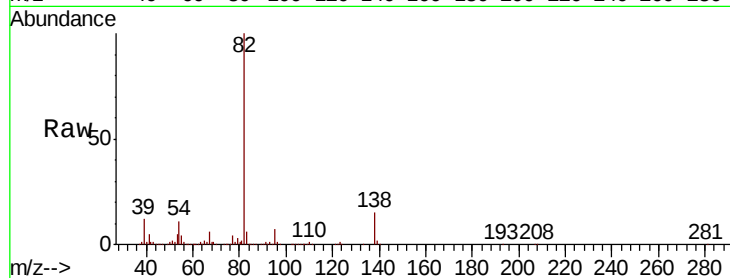
Tgt Ion: 82 Resp: 2317529

Ion Ratio Lower Upper

82 100

95 6.8 5.7 8.5

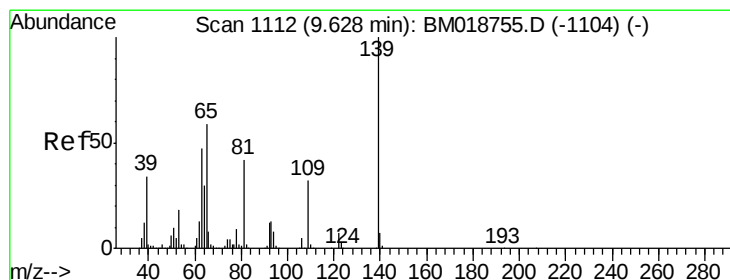
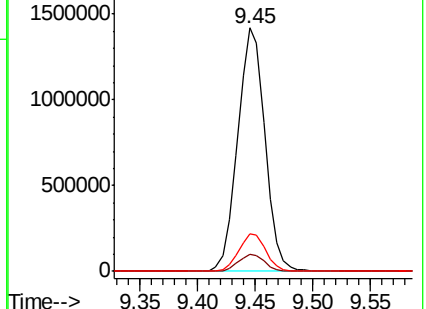
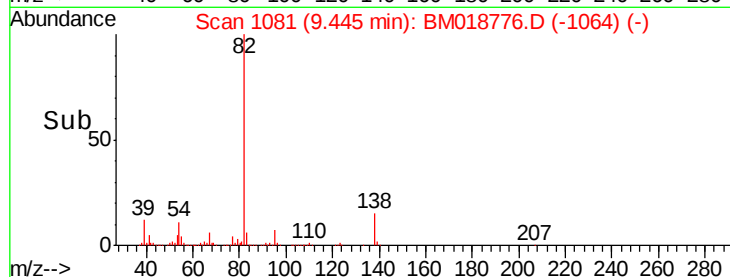
138 15.4 12.3 18.5



Abundance Ion 82.00 (81.70 to 82.70): BM018776.D (-1064) (-)

Ion 95.00 (94.70 to 95.70): BM018776.D (-1064) (-)

Ion 138.00 (137.70 to 138.70): BM018776.D (-1064) (-)



#26

2-Nitrophenol

Concen: 43.464 ng

RT: 9.63 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

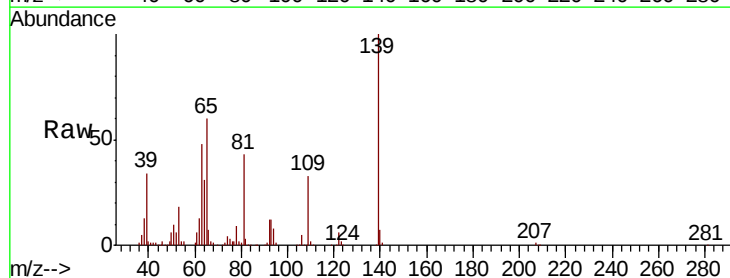
Tgt Ion: 139 Resp: 527241

Ion Ratio Lower Upper

139 100

109 32.7 25.2 37.8

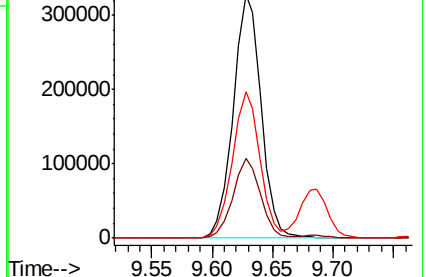
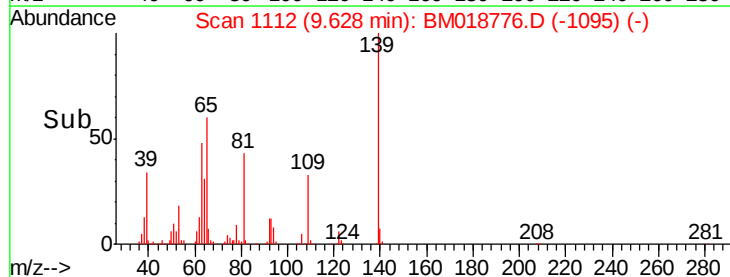
65 60.0 47.0 70.4

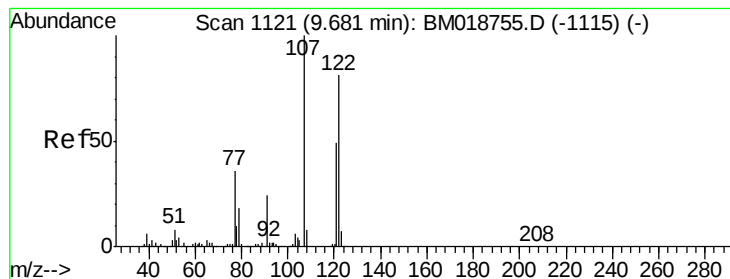


Abundance Ion 139.00 (138.70 to 139.70): BM018776.D (-1095) (-)

Ion 109.00 (108.70 to 109.70): BM018776.D (-1095) (-)

Ion 65.00 (64.70 to 65.70): BM018776.D (-1095) (-)





#27

2,4-Dimethylphenol

Concen: 48.206 ng

RT: 9.69 min Scan# 1122

Delta R.T. 0.01 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_M

ClientSampleId :

PB117043BS

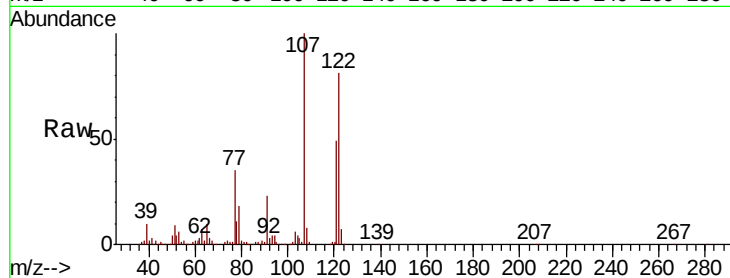
Tgt Ion: 122 Resp: 854084

Ion Ratio Lower Upper

122 100

107 123.9 97.6 146.4

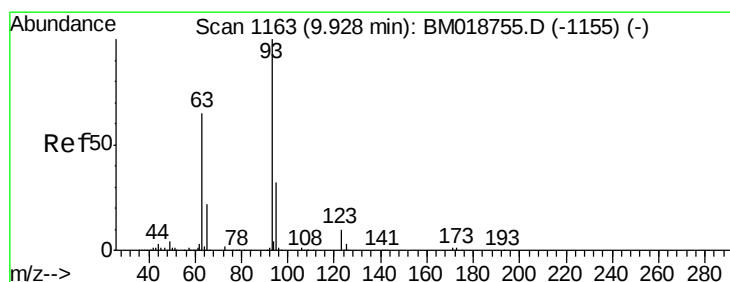
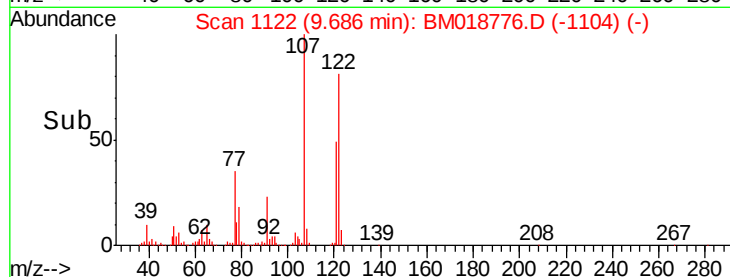
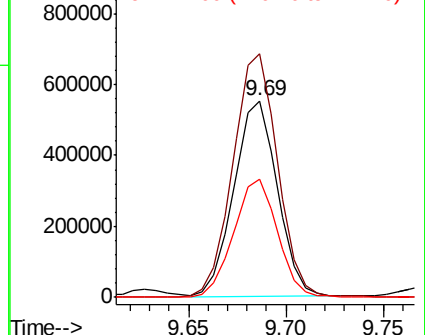
121 60.4 47.9 71.9



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: 43.880 ng

RT: 9.93 min Scan# 1163

Delta R.T. -0.00 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

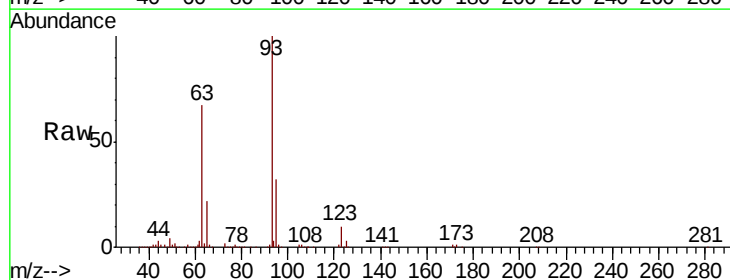
Tgt Ion: 93 Resp: 1328647

Ion Ratio Lower Upper

93 100

95 32.0 25.6 38.4

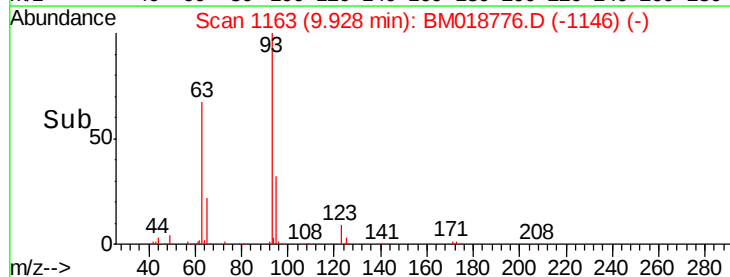
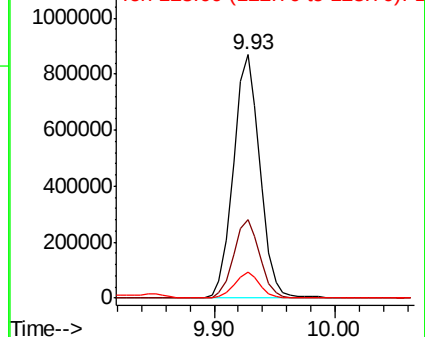
123 10.5 8.2 12.4



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

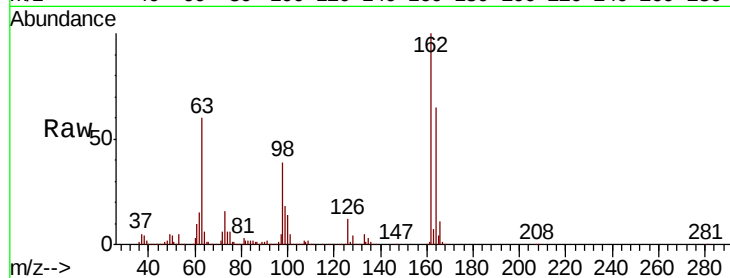




#29
 2,4-Dichlorophenol
 Concen: 44.004 ng
 RT: 10.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BM018776.D
 Acq: 12 Feb 2019 17:12

Instrument :
 BNA_M
 ClientSampleId :
 PB117043BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.1	84.1
98	38.7	19.4	59.4

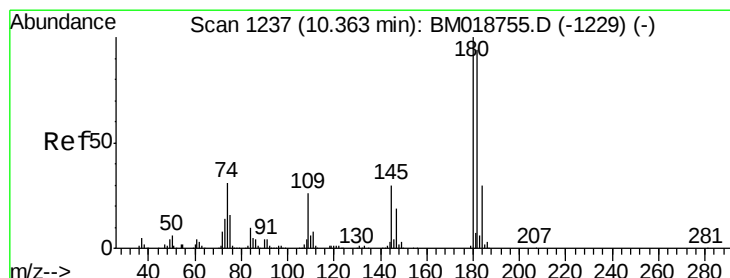
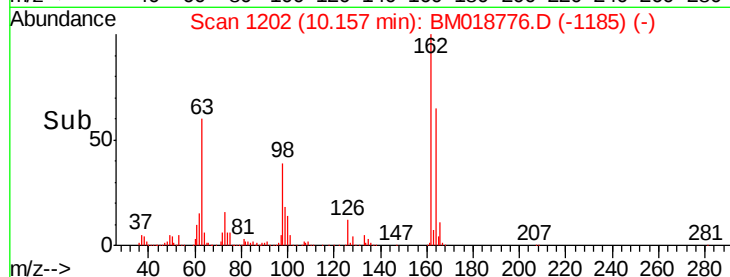
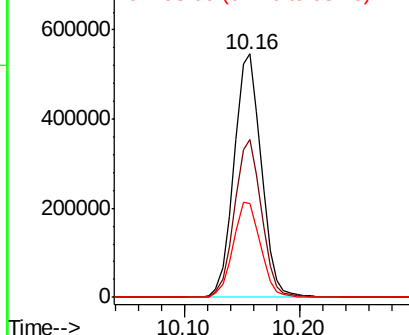


Abundance

Ion 162.00 (161.70 to 162.70): E

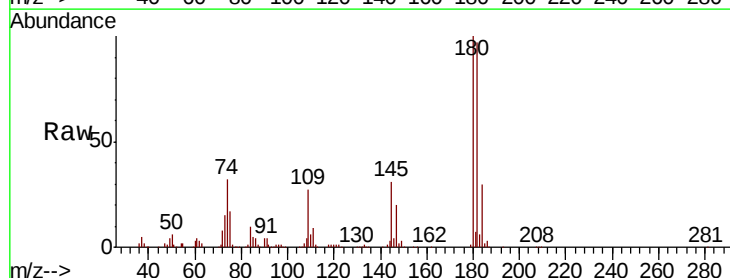
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30
 1,2,4-Trichlorobenzene
 Concen: 41.031 ng
 RT: 10.36 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: BM018776.D
 Acq: 12 Feb 2019 17:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	75.0	112.6
145	31.3	24.1	36.1

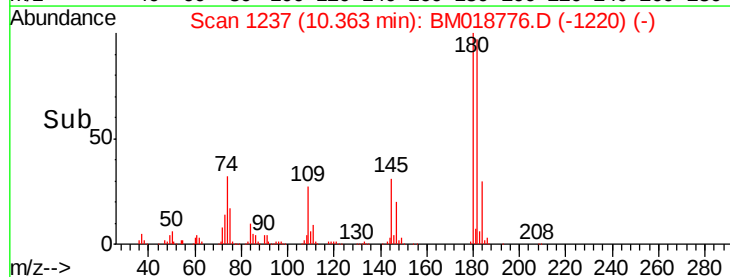
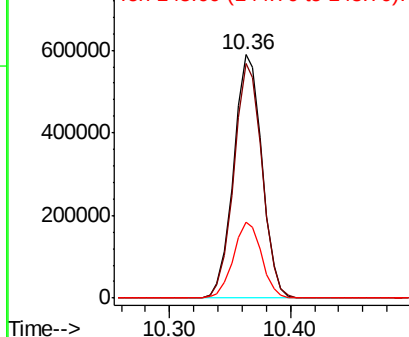


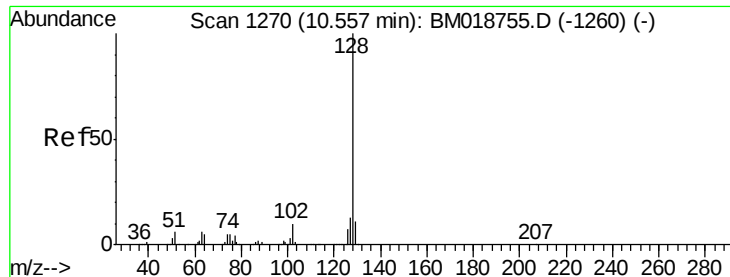
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

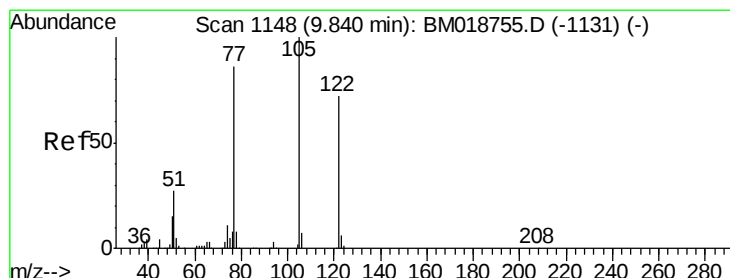
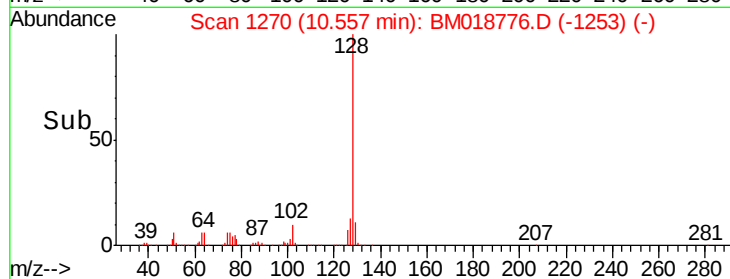
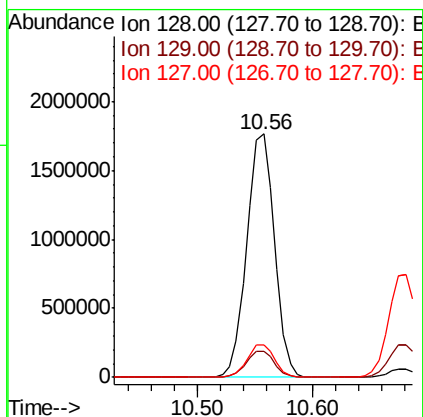
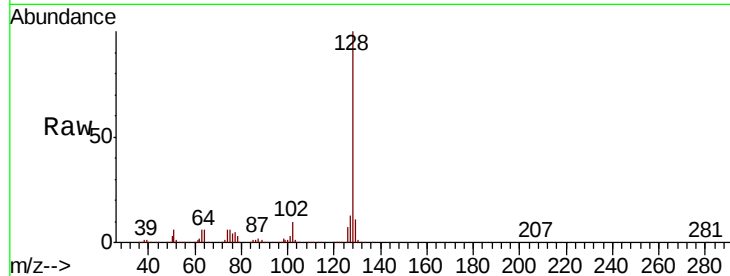




#31
Naphthalene
Concen: 44.704 ng
RT: 10.56 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

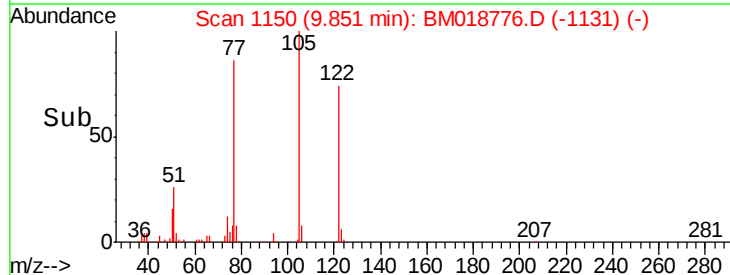
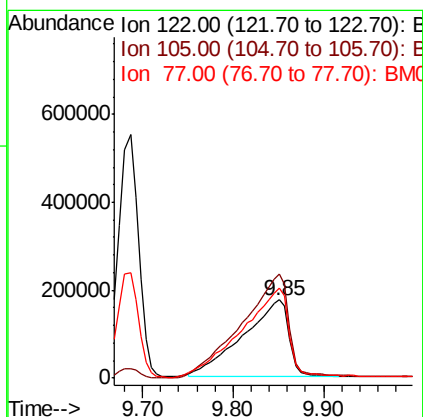
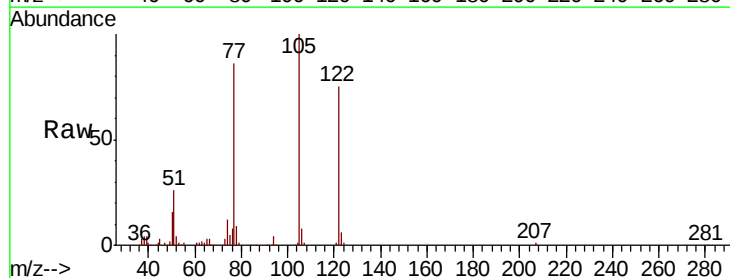
Instrument :
BNA_M
ClientSampleId :
PB117043BS

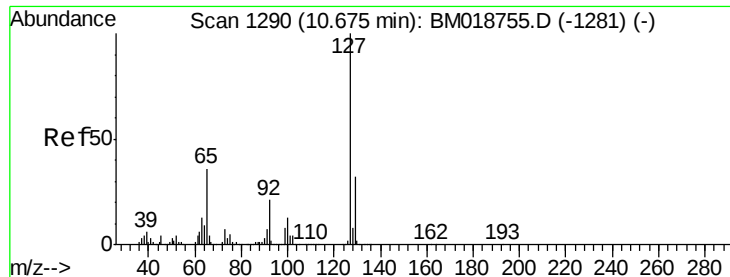
Tgt Ion:128 Resp: 2958358
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.4
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 39.265 ng
RT: 9.85 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Tgt Ion:122 Resp: 606843
Ion Ratio Lower Upper
122 100
105 132.7 117.5 157.5
77 114.2 98.5 138.5

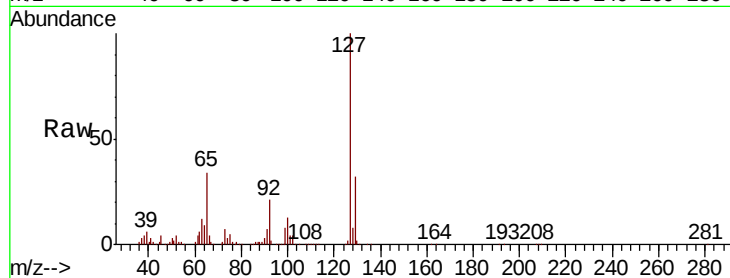




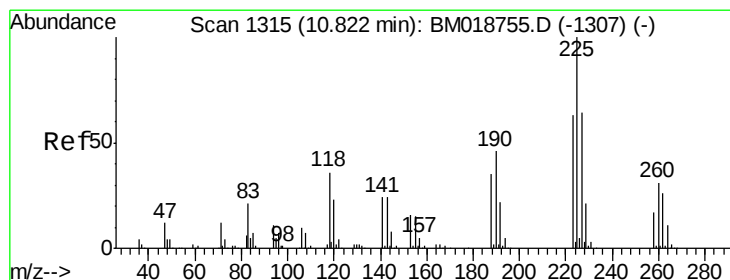
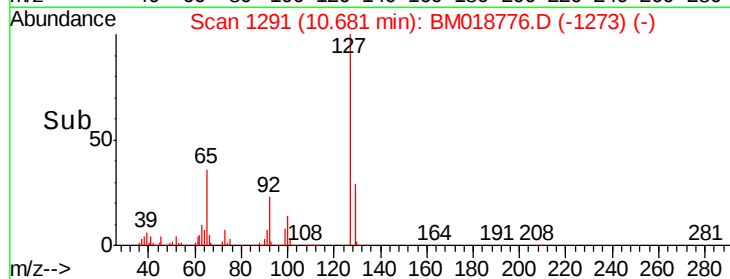
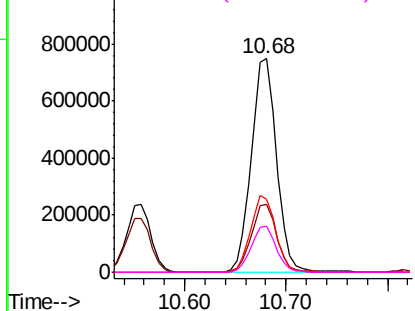
#33
4-Chloroaniline
Concen: 43.997 ng
RT: 10.68 min Scan# 1291
Delta R.T. 0.01 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Instrument :
BNA_M
ClientSampleId :
PB117043BS

Tgt Ion:127 Resp: 1301515
Ion Ratio Lower Upper
127 100
129 31.8 25.7 38.5
65 34.3 28.7 43.1
92 21.4 17.0 25.4

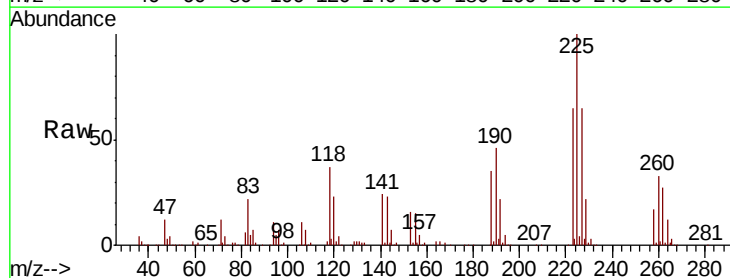


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

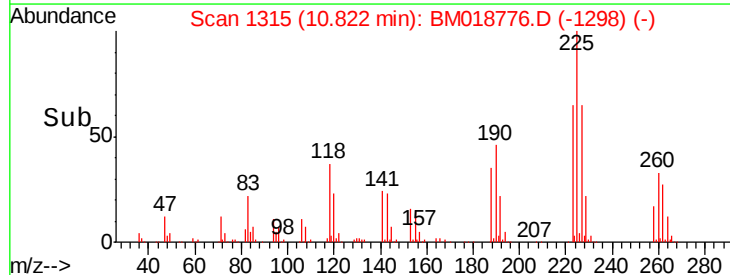
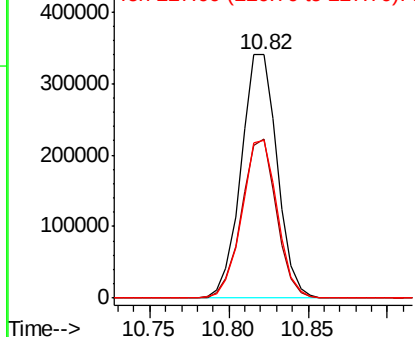


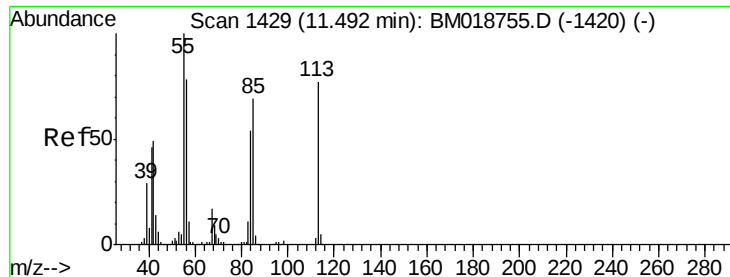
#34
Hexachlorobutadiene
Concen: 39.457 ng
RT: 10.82 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Tgt Ion:225 Resp: 538073
Ion Ratio Lower Upper
225 100
223 65.4 50.1 75.1
227 64.8 51.4 77.0



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

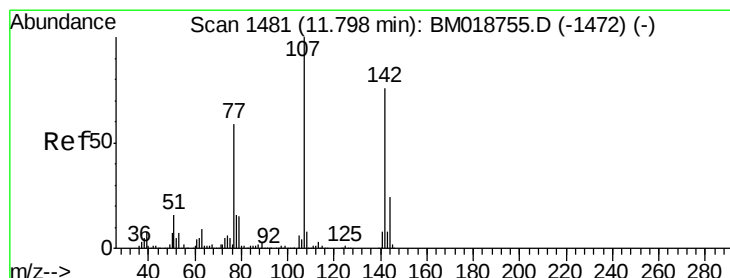
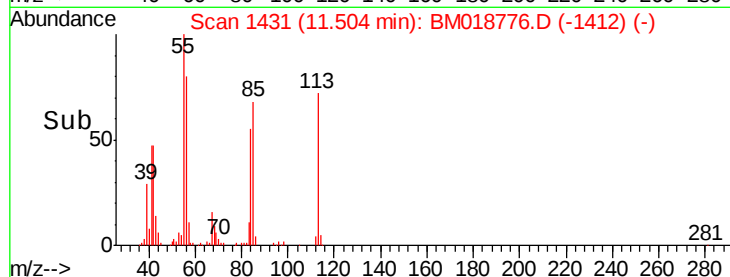
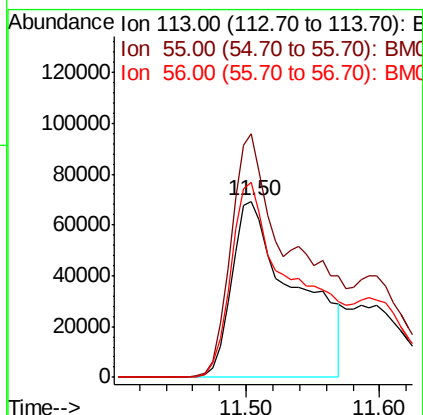
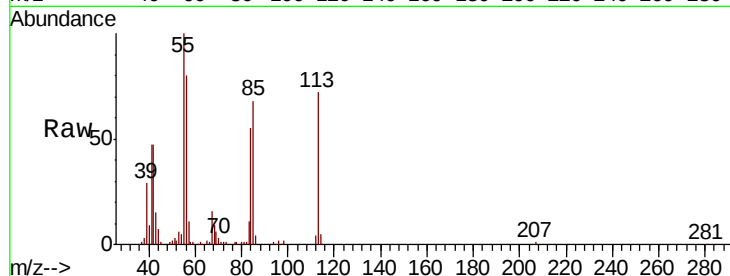




#35
 Caprolactam
 Concen: 27.628 ng
 RT: 11.50 min Scan# 1431
 Delta R.T. 0.01 min
 Lab File: BM018776.D
 Acq: 12 Feb 2019 17:12

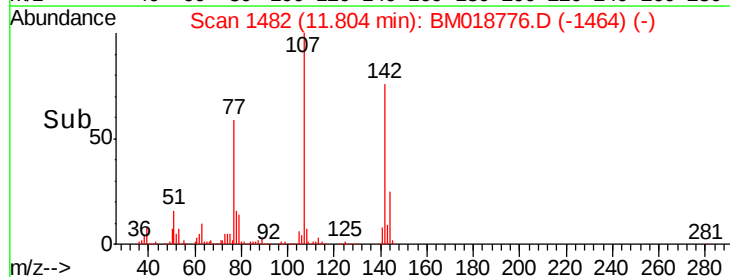
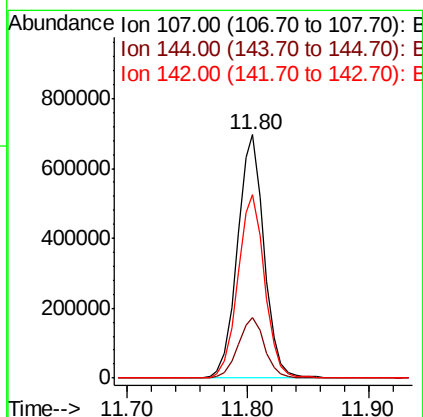
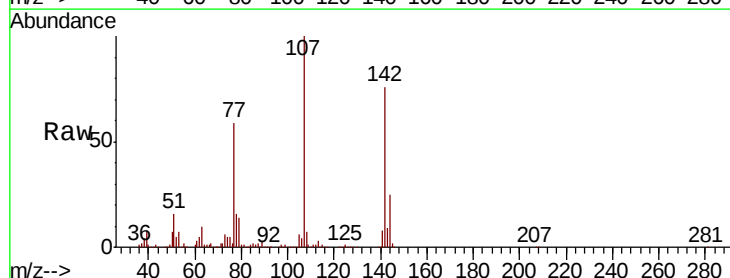
Instrument :
 BNA_M
 ClientSampleId :
 PB117043BS

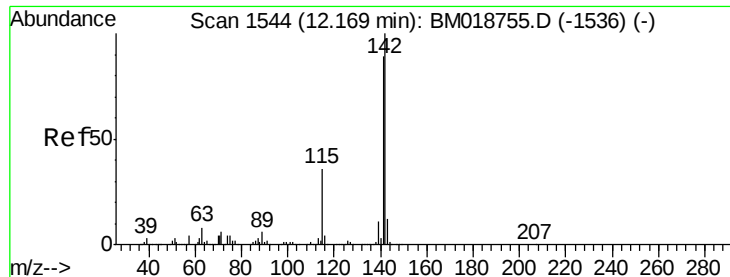
Tgt Ion:113 Resp: 229385
 Ion Ratio Lower Upper
 113 100
 55 138.3 110.7 150.7
 56 111.0 82.4 122.4



#36
 4-Chloro-3-methylphenol
 Concen: 43.661 ng
 RT: 11.80 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: BM018776.D
 Acq: 12 Feb 2019 17:12

Tgt Ion:107 Resp: 1070903
 Ion Ratio Lower Upper
 107 100
 144 24.8 19.3 28.9
 142 75.5 60.5 90.7

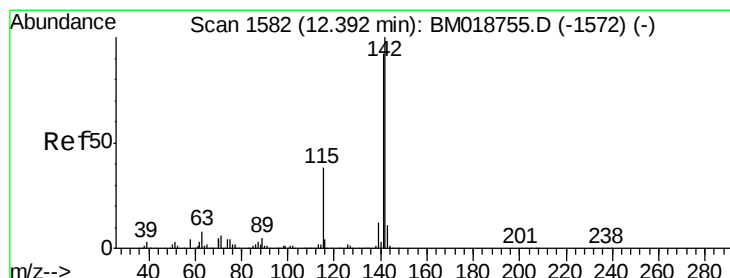
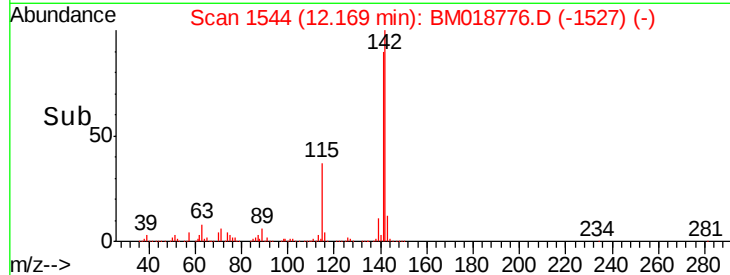
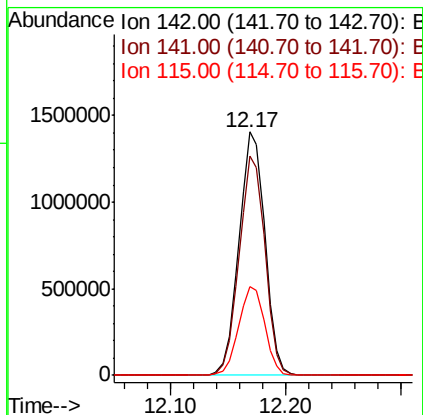
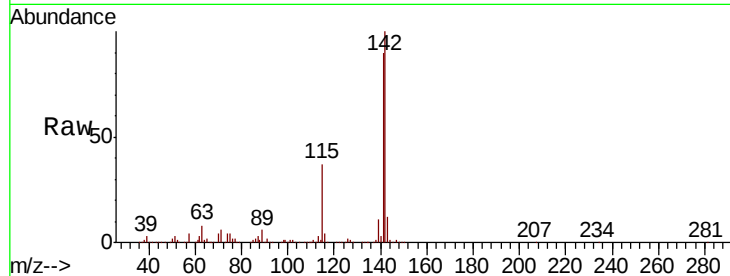




#37
 2-Methylnaphthalene
 Concen: 46.946 ng
 RT: 12.17 min Scan# 1544
 Delta R.T. -0.00 min
 Lab File: BM018776.D
 Acq: 12 Feb 2019 17:12

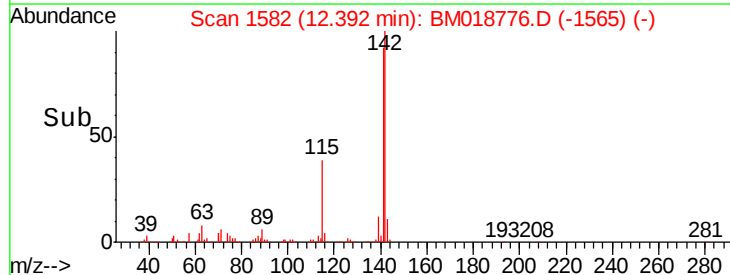
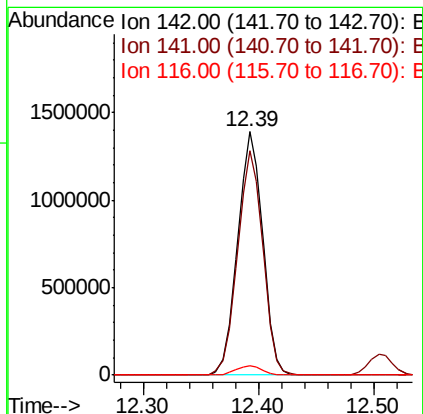
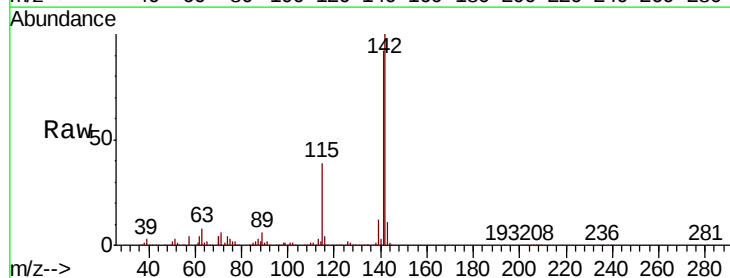
Instrument :
 BNA_M
 ClientSampleId :
 PB117043BS

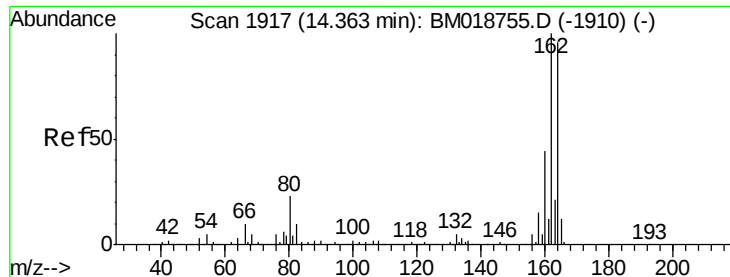
Tgt Ion:142 Resp: 2187317
 Ion Ratio Lower Upper
 142 100
 141 90.1 71.2 106.8
 115 36.7 29.1 43.7



#38
 1-Methylnaphthalene
 Concen: 45.815 ng
 RT: 12.39 min Scan# 1582
 Delta R.T. -0.00 min
 Lab File: BM018776.D
 Acq: 12 Feb 2019 17:12

Tgt Ion:142 Resp: 2087381
 Ion Ratio Lower Upper
 142 100
 141 92.3 73.9 110.9
 116 4.0 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.36 min Scan# 1917

Delta R.T. -0.00 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_M

ClientSampleId :

PB117043BS

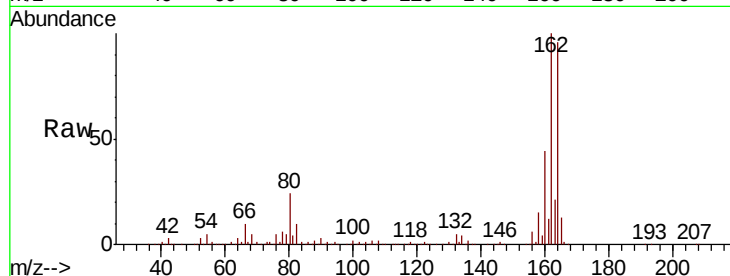
Tgt Ion:164 Resp: 799392

Ion Ratio Lower Upper

164 100

162 103.8 83.4 125.0

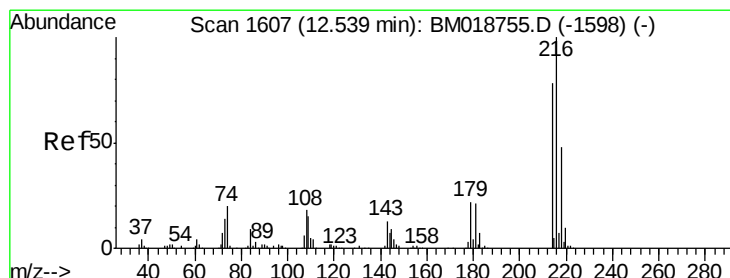
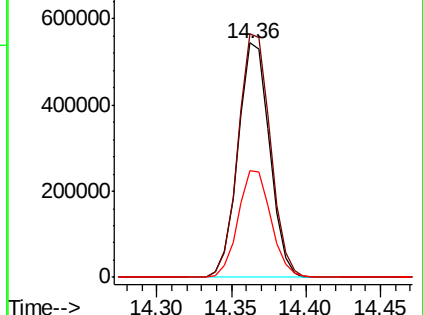
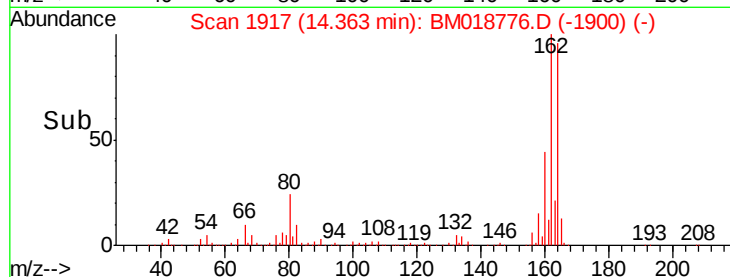
160 45.5 36.6 55.0



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.162 ng

RT: 12.54 min Scan# 1607

Delta R.T. -0.00 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

Tgt Ion:216 Resp: 1052598

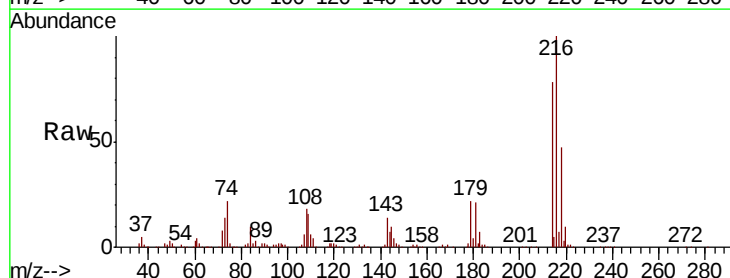
Ion Ratio Lower Upper

216 100

214 78.9 63.2 94.8

179 22.5 17.8 26.8

108 23.6 16.4 24.6

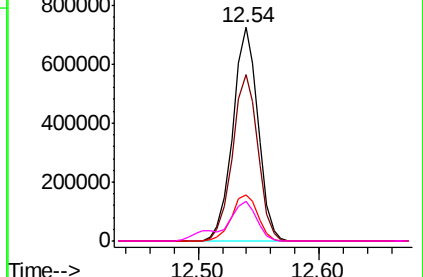
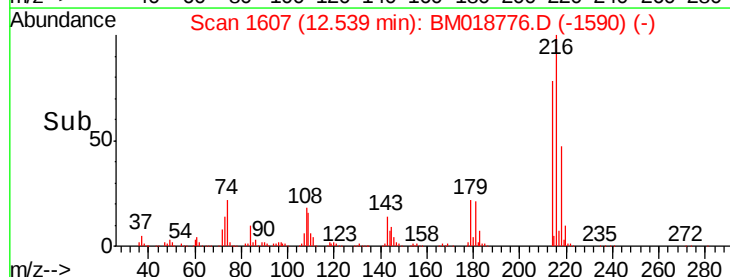


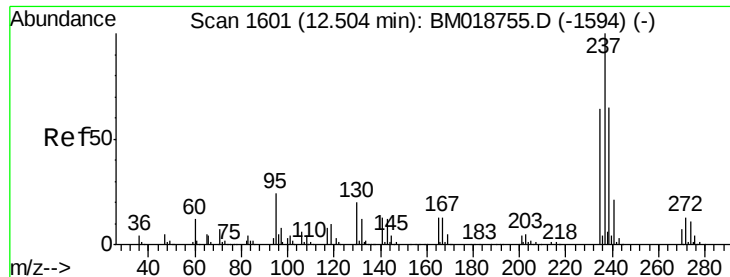
Abundance Ion 216.00 (215.70 to 216.70): E

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





#41

Hexachlorocyclopentadiene

Concen: 107.300 ng

RT: 12.50 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_M

ClientSampleId :

PB117043BS

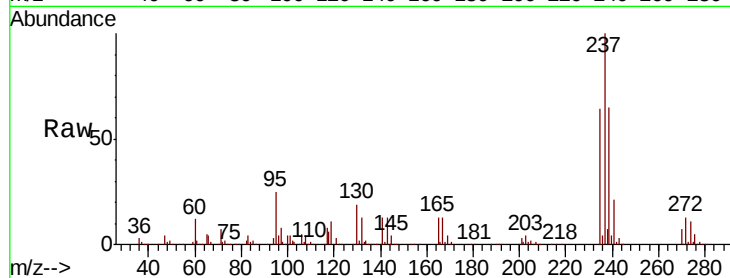
Tgt Ion:237 Resp: 1402849

Ion Ratio Lower Upper

237 100

235 64.0 43.7 83.7

272 13.4 0.0 33.3

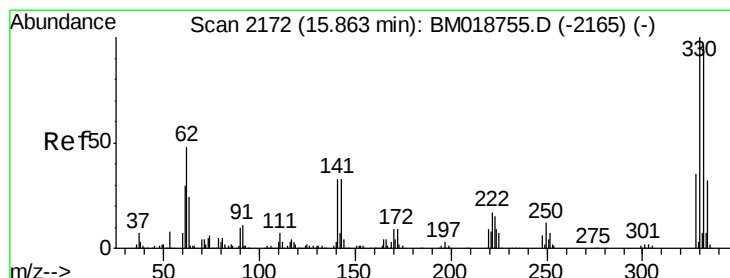
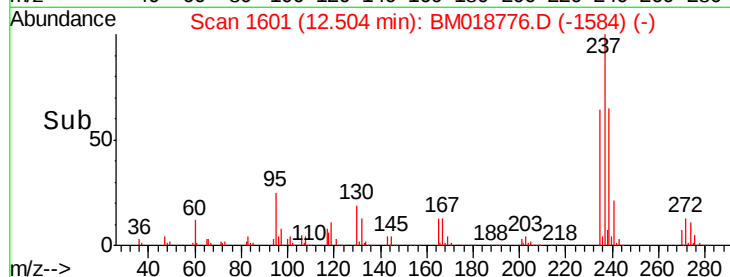
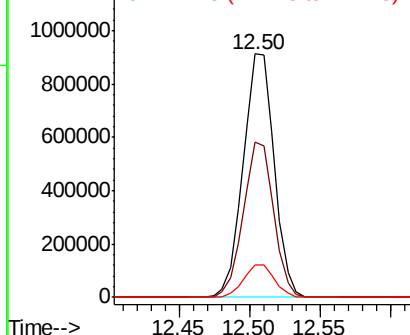


Abundance

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



#42

2,4,6-Tribromophenol

Concen: 159.570 ng

RT: 15.87 min Scan# 2173

Delta R.T. 0.01 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

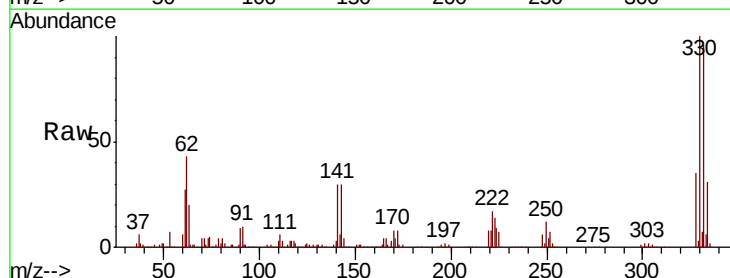
Tgt Ion:330 Resp: 1838722

Ion Ratio Lower Upper

330 100

332 96.4 76.9 115.3

141 34.7 28.7 43.1

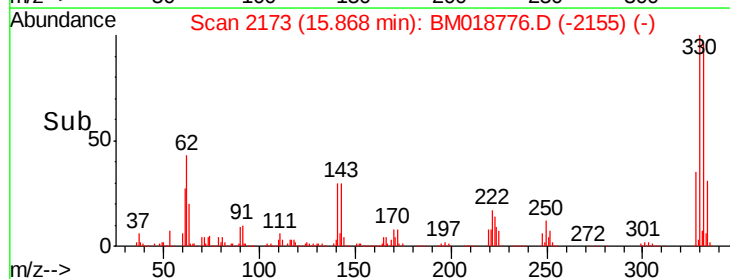
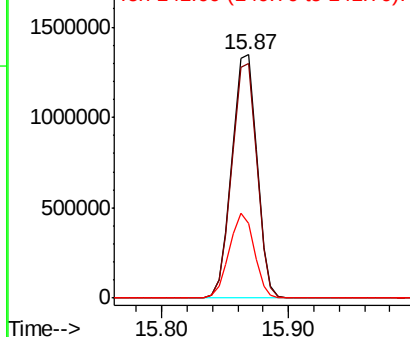


Abundance

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

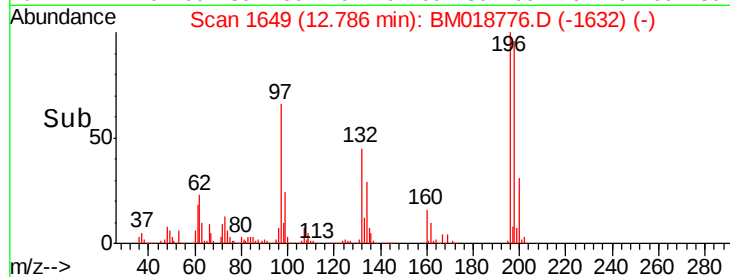
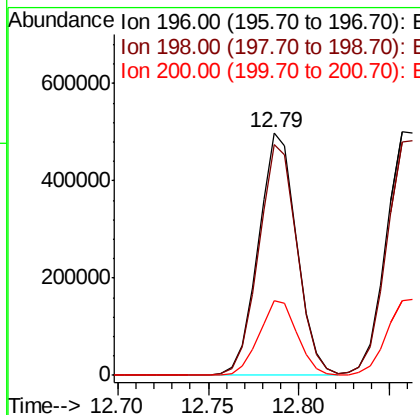
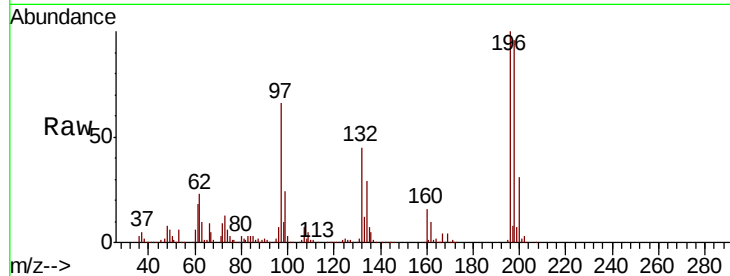




#43
 2,4,6-Trichlorophenol
 Concen: 43.184 ng
 RT: 12.79 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: BM018776.D
 Acq: 12 Feb 2019 17:12

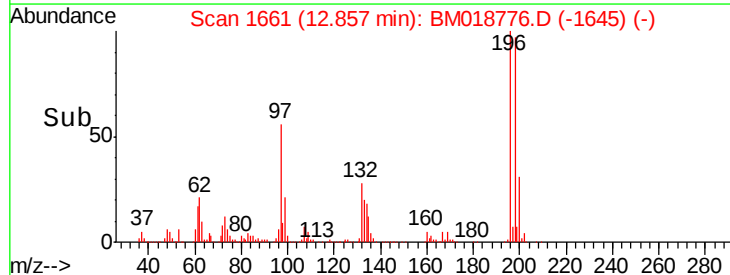
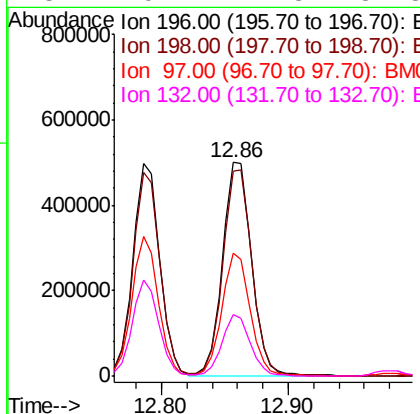
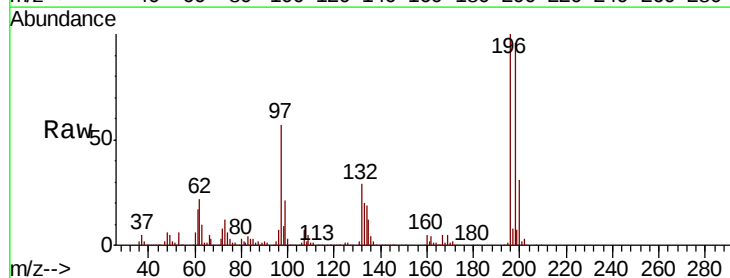
Instrument :
 BNA_M
 ClientSampleId :
 PB117043BS

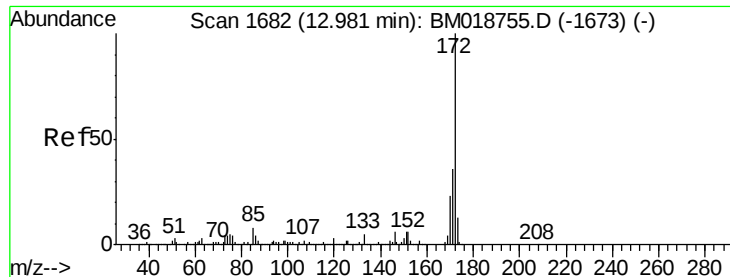
Tgt Ion:196 Resp: 731040
 Ion Ratio Lower Upper
 196 100
 198 95.5 76.2 114.2
 200 30.6 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 44.640 ng
 RT: 12.86 min Scan# 1661
 Delta R.T. -0.01 min
 Lab File: BM018776.D
 Acq: 12 Feb 2019 17:12

Tgt Ion:196 Resp: 792070
 Ion Ratio Lower Upper
 196 100
 198 96.1 77.6 116.4
 97 57.5 42.8 64.2
 132 29.1 21.8 32.8

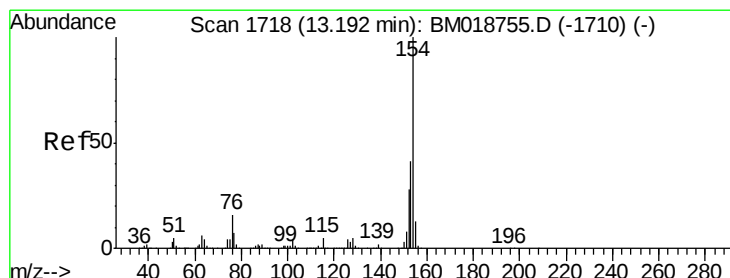
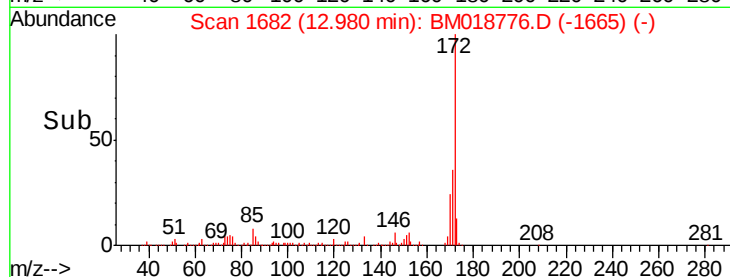
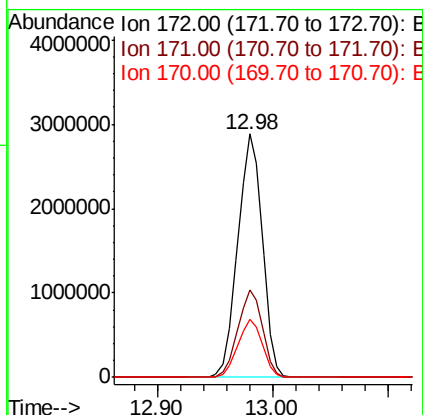
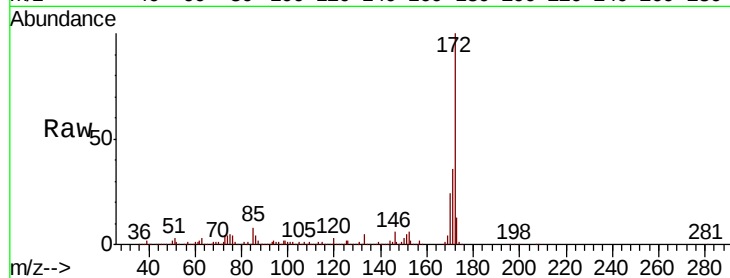




#45
2-Fluorobiphenyl
Concen: 70.521 ng
RT: 12.98 min Scan# 1682
Delta R.T. -0.00 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

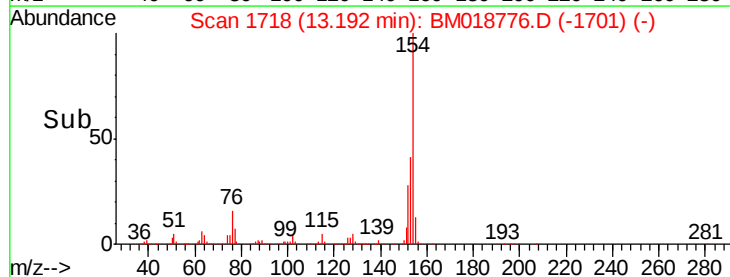
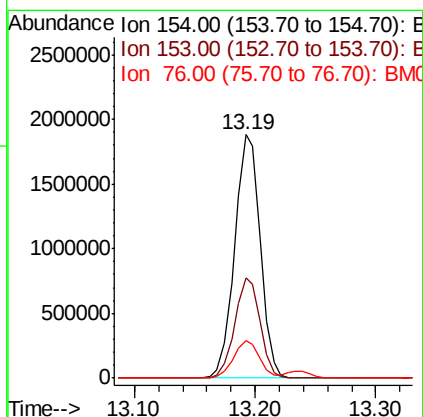
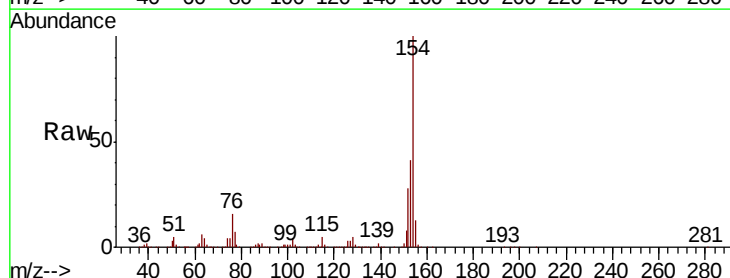
Instrument :
BNA_M
ClientSampleId :
PB117043BS

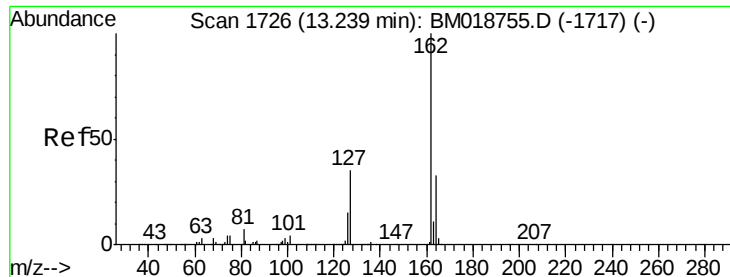
Tgt Ion:172 Resp: 4246704
Ion Ratio Lower Upper
172 100
171 35.7 29.0 43.6
170 23.7 18.6 28.0



#46
1,1'-Biphenyl
Concen: 40.249 ng
RT: 13.19 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Tgt Ion:154 Resp: 2769540
Ion Ratio Lower Upper
154 100
153 41.3 21.1 61.1
76 15.7 0.0 35.7

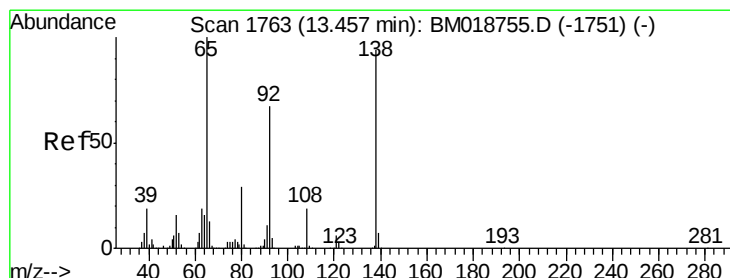
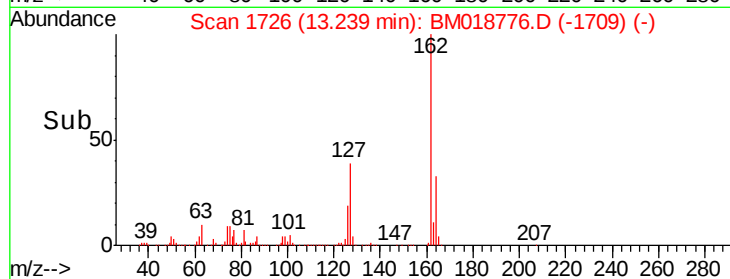
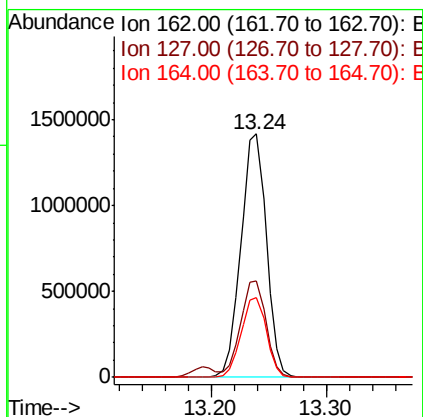
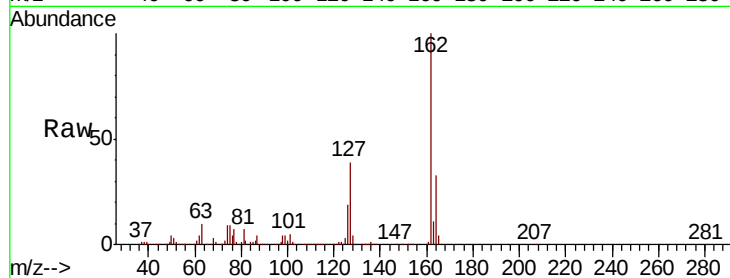




#47
 2-Chloronaphthalene
 Concen: 40.782 ng
 RT: 13.24 min Scan# 1726
 Delta R.T. -0.00 min
 Lab File: BM018776.D
 Acq: 12 Feb 2019 17:12

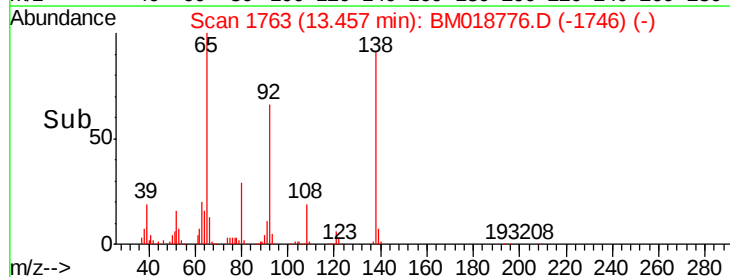
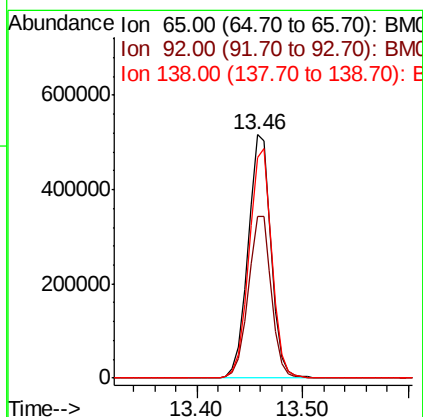
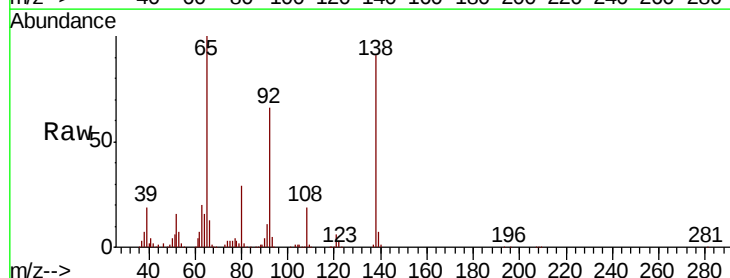
Instrument :
 BNA_M
 ClientSampleId :
 PB117043BS

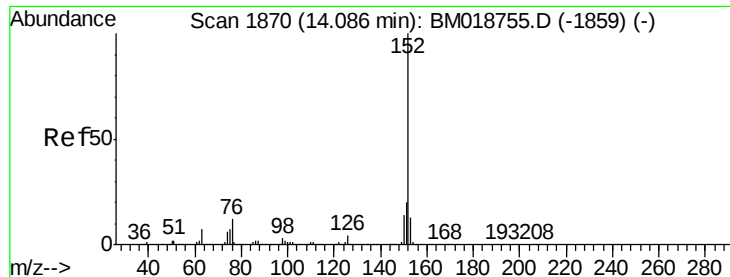
Tgt Ion: 162 Resp: 2167495
 Ion Ratio Lower Upper
 162 100
 127 39.4 31.1 46.7
 164 32.7 26.4 39.6



#48
 2-Nitroaniline
 Concen: 44.549 ng
 RT: 13.46 min Scan# 1763
 Delta R.T. -0.00 min
 Lab File: BM018776.D
 Acq: 12 Feb 2019 17:12

Tgt Ion: 65 Resp: 786360
 Ion Ratio Lower Upper
 65 100
 92 66.5 54.0 81.0
 138 90.7 74.9 112.3





#49

Acenaphthylene

Concen: 45.457 ng

RT: 14.09 min Scan# 1870

Delta R.T. -0.00 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_M

ClientSampleId :

PB117043BS

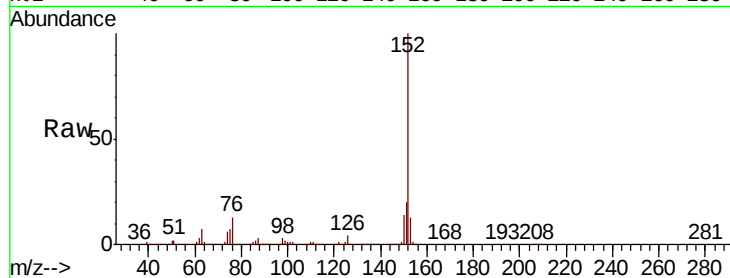
Tgt Ion:152 Resp: 3597343

Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.8

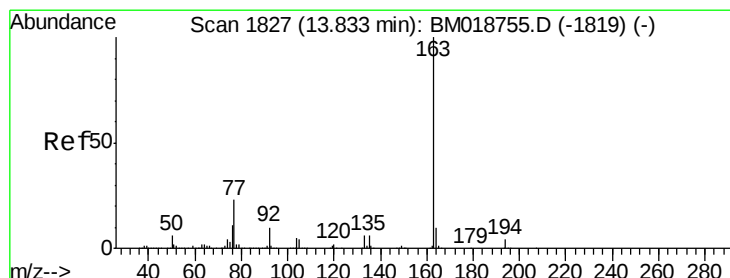
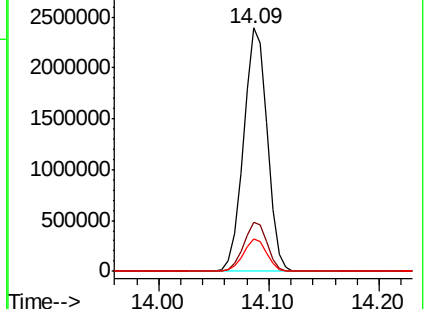
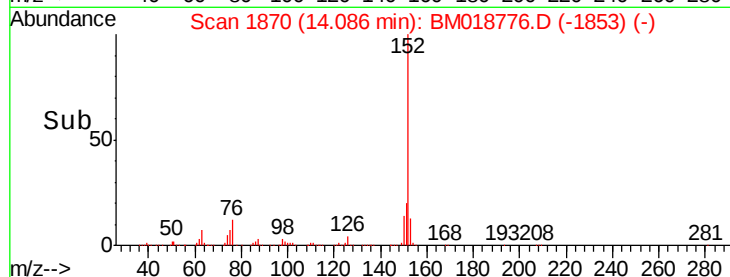
153 13.1 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.325 ng

RT: 13.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

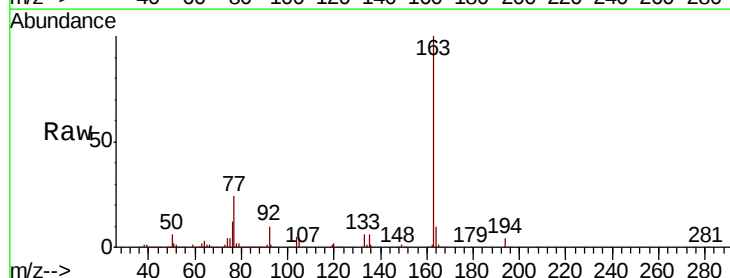
Tgt Ion:163 Resp: 2886357

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

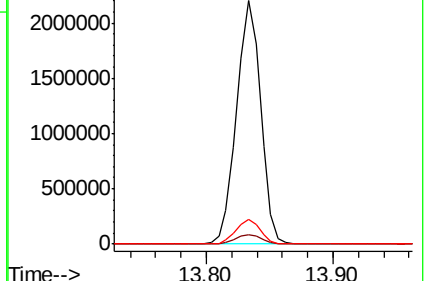
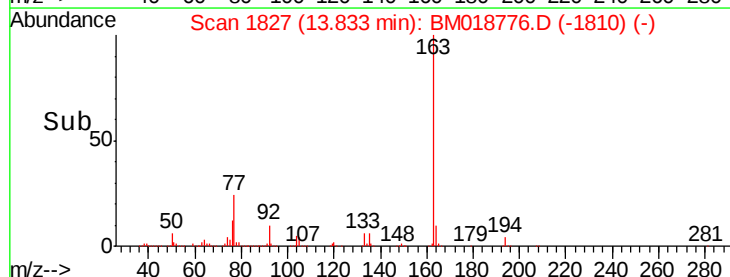
164 10.3 7.8 11.8

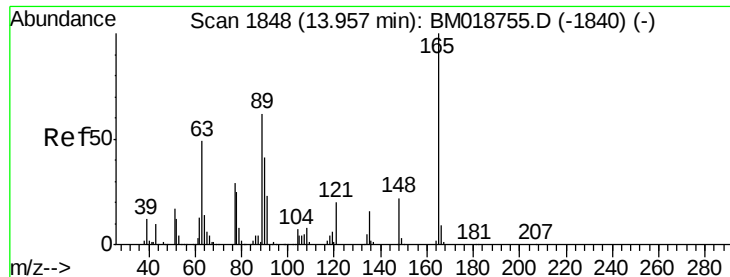


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

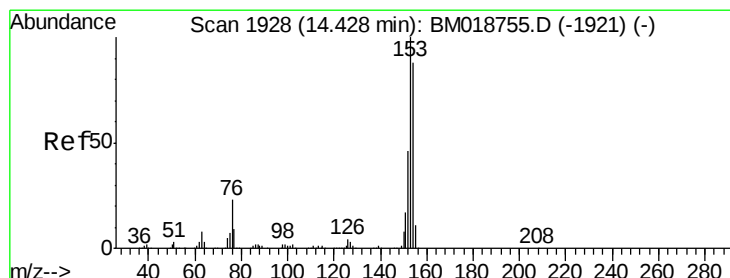
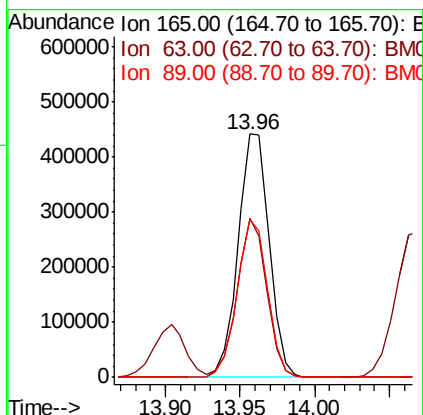
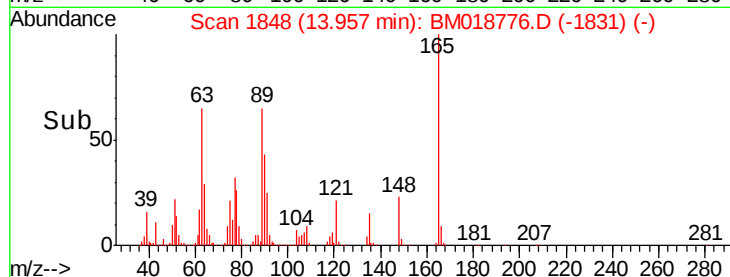
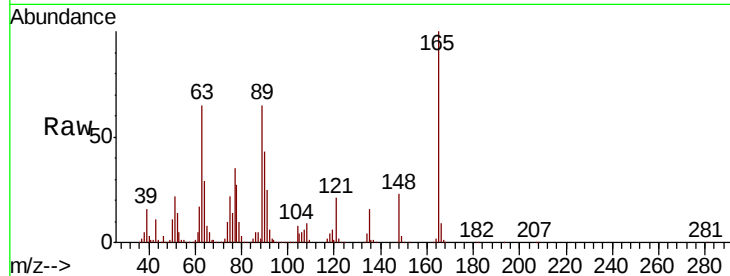




#51
2,6-Dinitrotoluene
Concen: 44.168 ng
RT: 13.96 min Scan# 1848
Delta R.T. -0.00 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

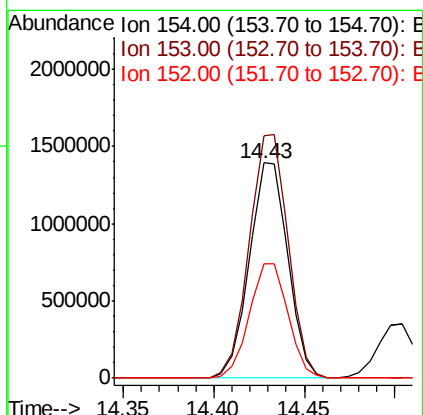
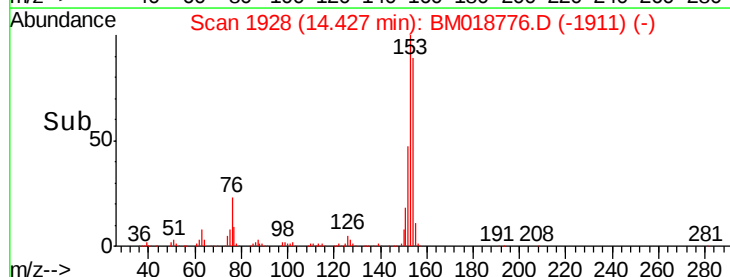
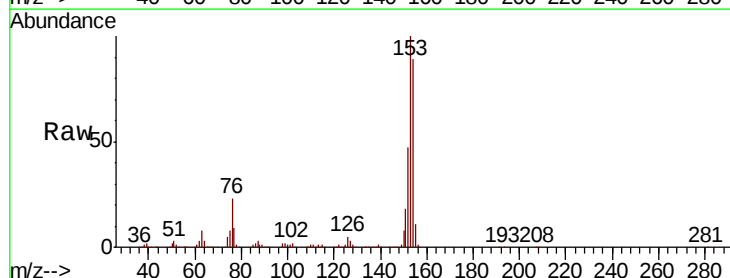
Instrument :
BNA_M
ClientSampleId :
PB117043BS

Tgt Ion:165 Resp: 637412
Ion Ratio Lower Upper
165 100
63 65.4 48.9 73.3
89 64.6 49.4 74.0



#52
Acenaphthene
Concen: 42.460 ng
RT: 14.43 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Tgt Ion:154 Resp: 2060401
Ion Ratio Lower Upper
154 100
153 112.9 91.3 136.9
152 53.0 42.2 63.4

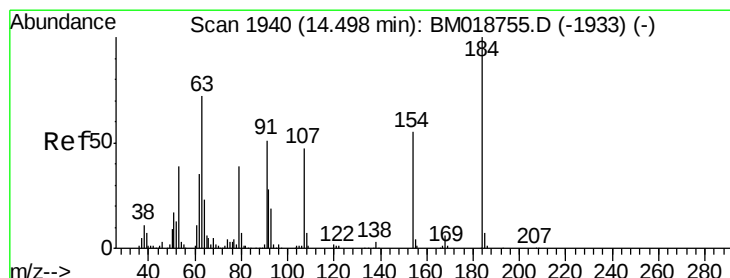
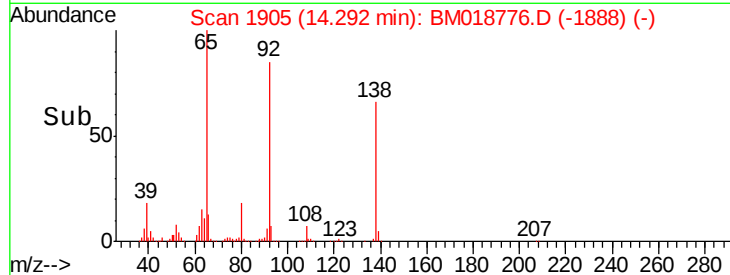
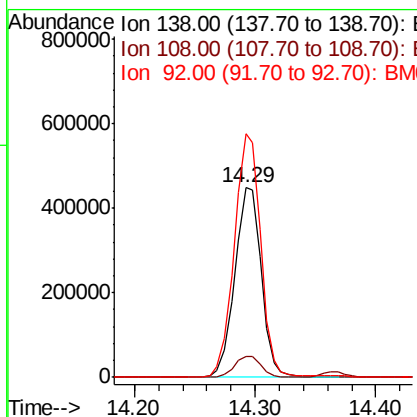
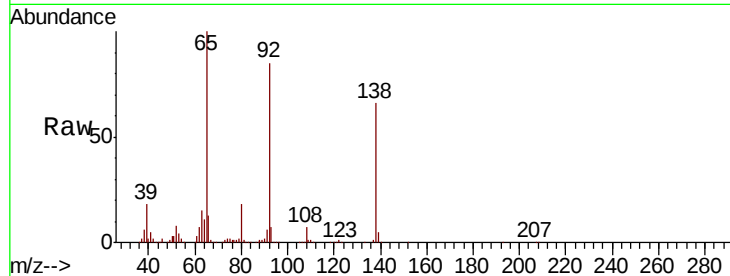




#53
 3-Nitroaniline
 Concen: 42.102 ng
 RT: 14.29 min Scan# 1905
 Delta R.T. -0.00 min
 Lab File: BM018776.D
 Acq: 12 Feb 2019 17:12

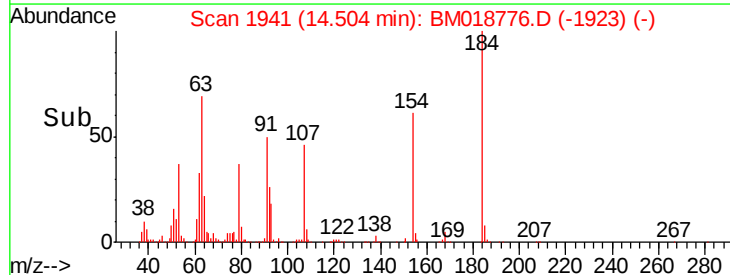
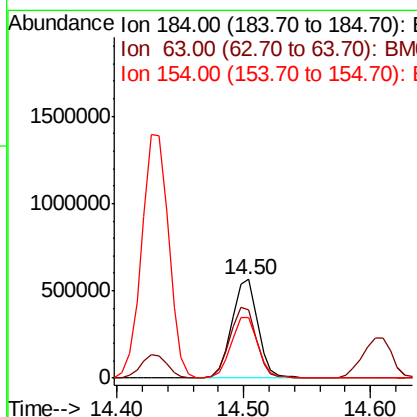
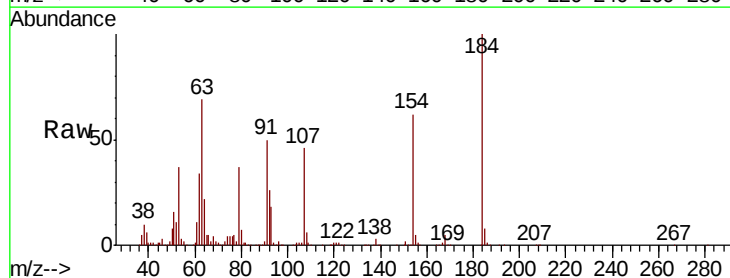
Instrument :
 BNA_M
 ClientSampleId :
 PB117043BS

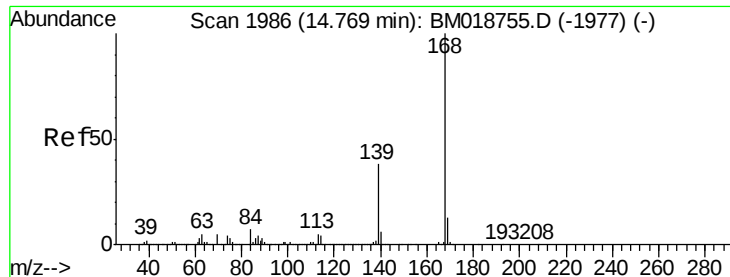
Tgt Ion:138 Resp: 686525
 Ion Ratio Lower Upper
 138 100
 108 11.0 9.1 13.7
 92 128.7 99.7 149.5



#54
 2,4-Dinitrophenol
 Concen: 87.484 ng
 RT: 14.50 min Scan# 1941
 Delta R.T. 0.01 min
 Lab File: BM018776.D
 Acq: 12 Feb 2019 17:12

Tgt Ion:184 Resp: 806428
 Ion Ratio Lower Upper
 184 100
 63 69.0 58.0 87.0
 154 61.9 50.3 75.5





#55

Dibenzofuran

Concen: 42.448 ng

RT: 14.77 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_M

ClientSampleId :

PB117043BS

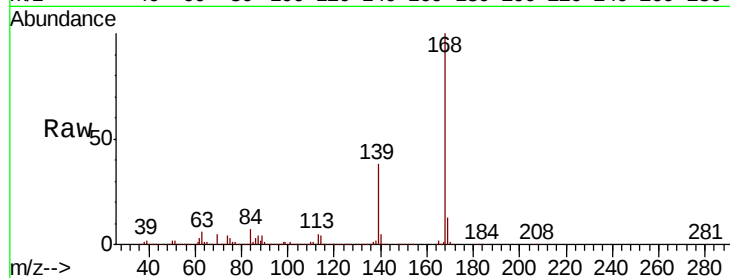
Tgt Ion:168 Resp: 3385577

Ion Ratio Lower Upper

168 100

139 38.3 30.7 46.1

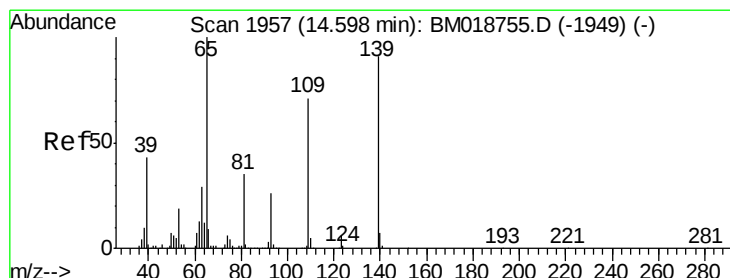
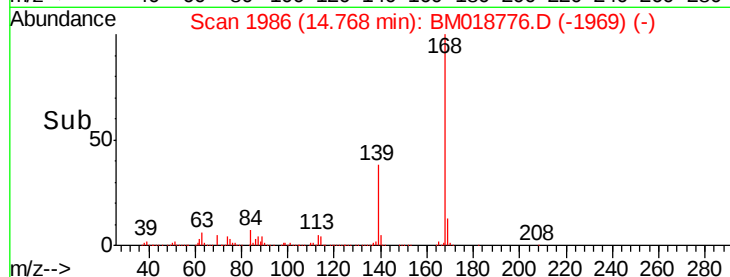
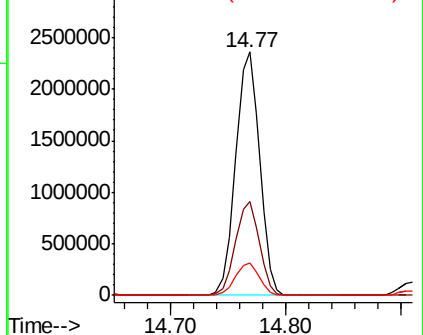
169 13.5 10.3 15.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 88.667 ng

RT: 14.61 min Scan# 1959

Delta R.T. 0.01 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

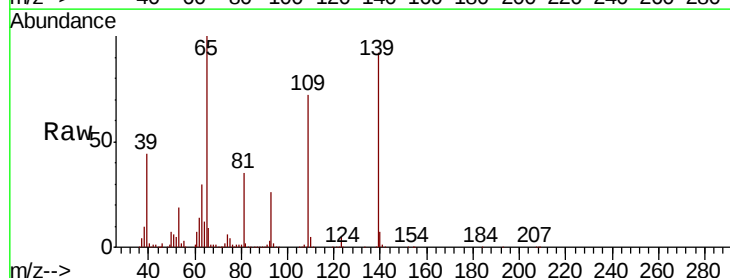
Tgt Ion:139 Resp: 1154168

Ion Ratio Lower Upper

139 100

109 78.4 58.4 98.4

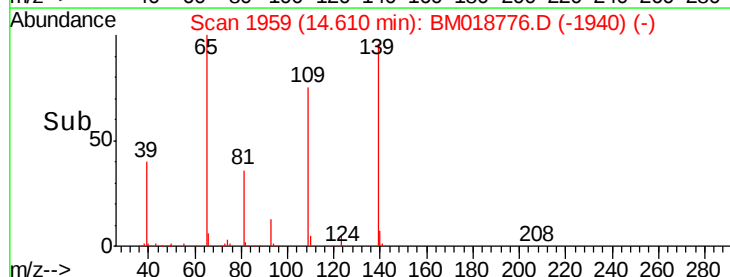
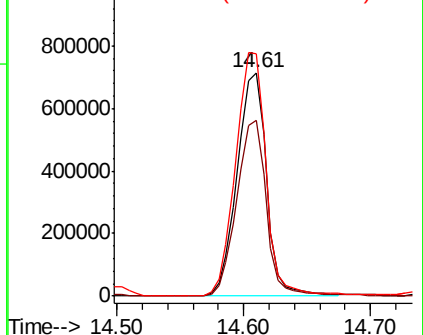
65 108.6 89.8 129.8

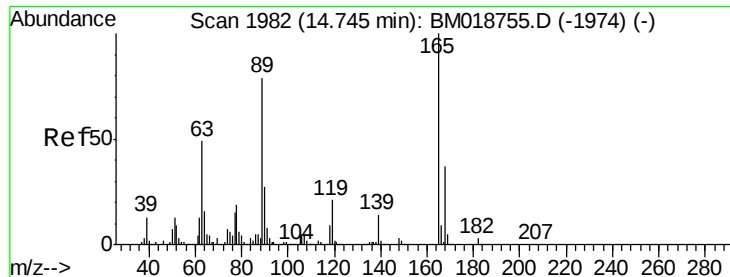


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

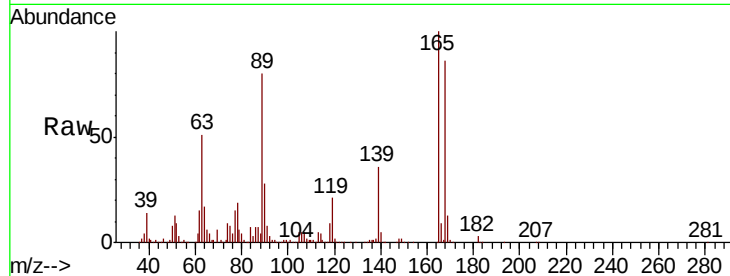




#57
 2,4-Dinitrotoluene
 Concen: 46.055 ng
 RT: 14.75 min Scan# 1983
 Delta R.T. 0.01 min
 Lab File: BM018776.D
 Acq: 12 Feb 2019 17:12

Instrument :
 BNA_M
 ClientSampleId :
 PB117043BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.2	39.6	59.4
89	79.8	63.5	95.3
182	2.9	2.2	3.4



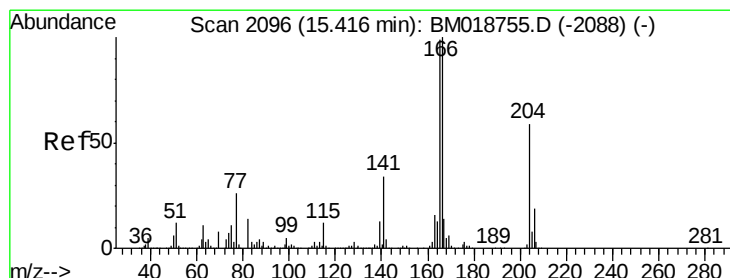
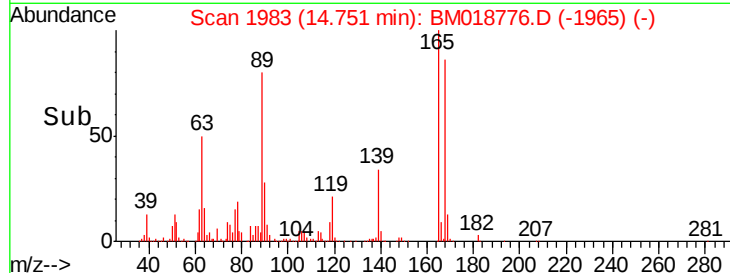
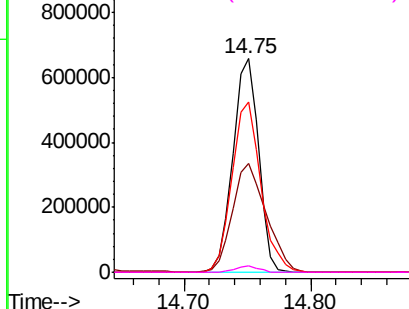
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

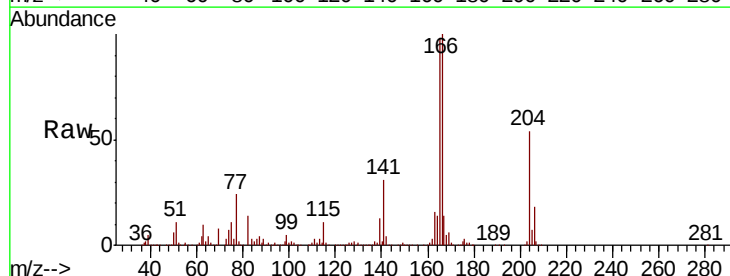
Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 45.793 ng
 RT: 15.42 min Scan# 2096
 Delta R.T. -0.00 min
 Lab File: BM018776.D
 Acq: 12 Feb 2019 17:12

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.1	118.7
167	13.7	11.0	16.4

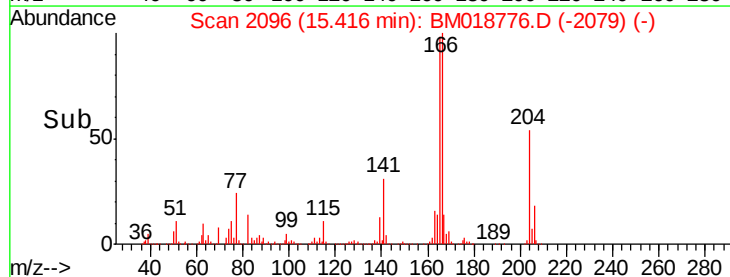
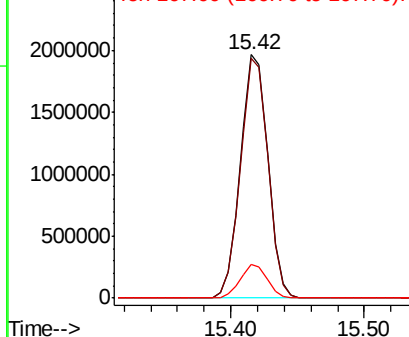


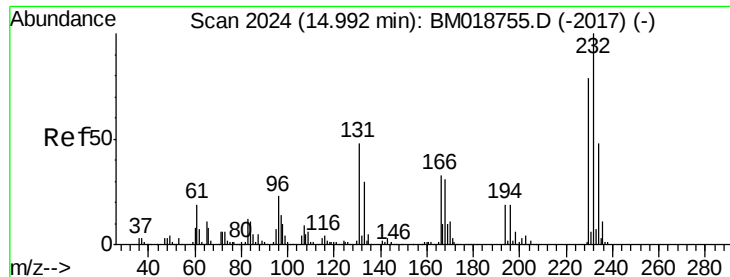
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

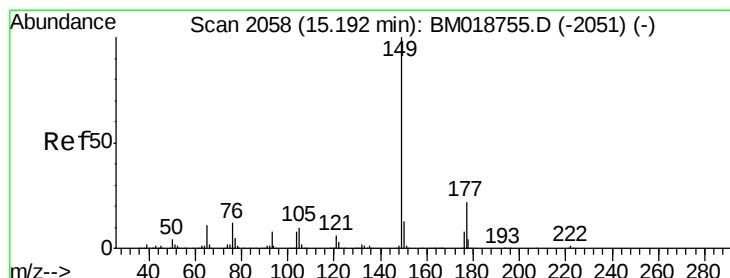
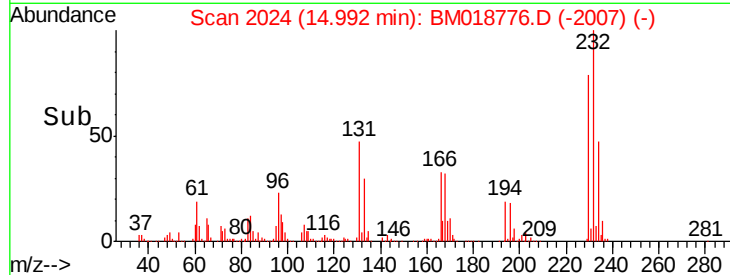
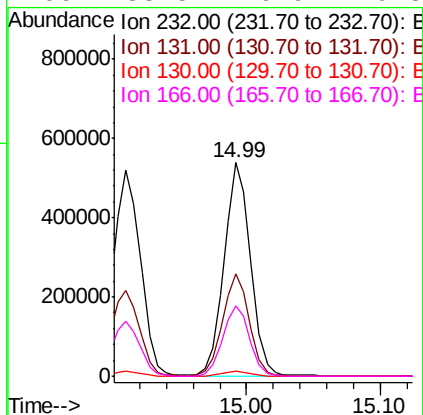
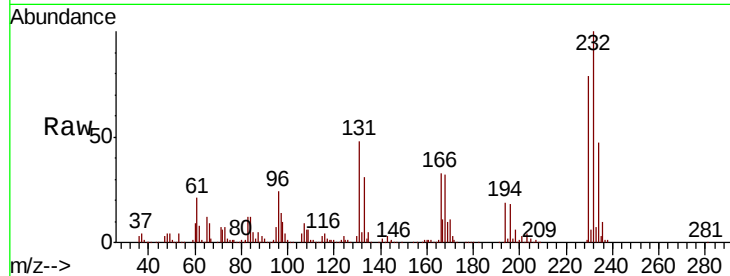




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.367 ng
 RT: 14.99 min Scan# 2024
 Delta R.T. -0.00 min
 Lab File: BM018776.D
 Acq: 12 Feb 2019 17:12

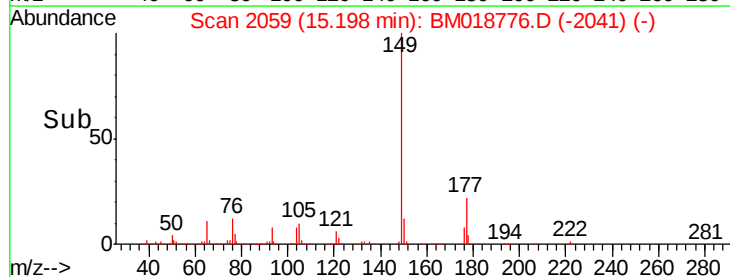
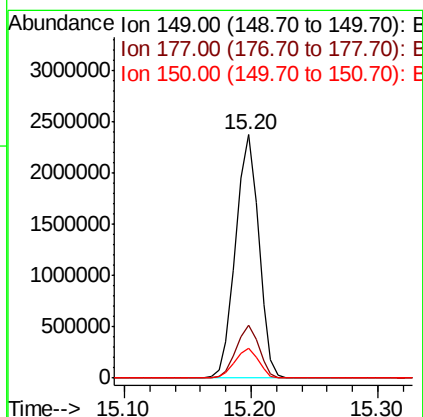
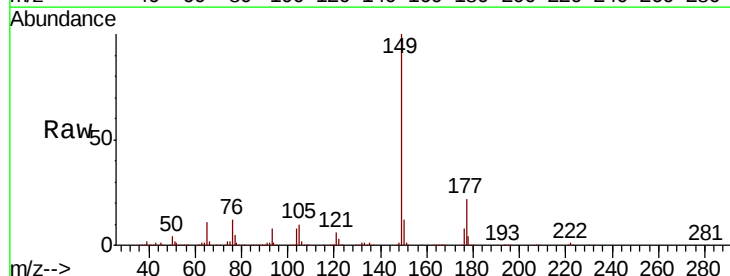
Instrument :
 BNA_M
 ClientSampleId :
 PB117043BS

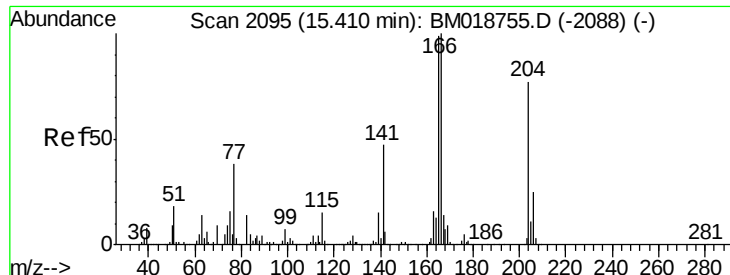
Tgt Ion:	232	Resp:	742892
Ion	Ratio	Lower	Upper
232	100		
131	48.6	38.6	57.8
130	2.5	2.0	3.0
166	33.5	26.9	40.3



#60
 Diethylphthalate
 Concen: 43.601 ng
 RT: 15.20 min Scan# 2059
 Delta R.T. 0.01 min
 Lab File: BM018776.D
 Acq: 12 Feb 2019 17:12

Tgt Ion:	149	Resp:	2996349
Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.2	25.8
150	12.5	10.2	15.2

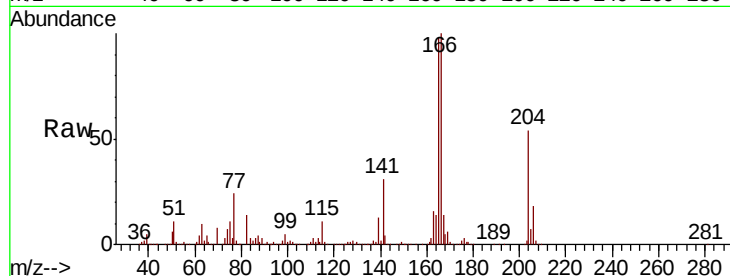




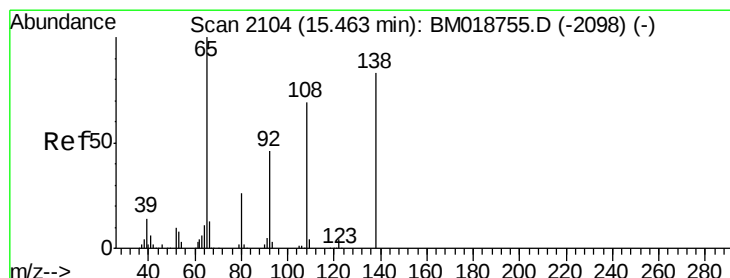
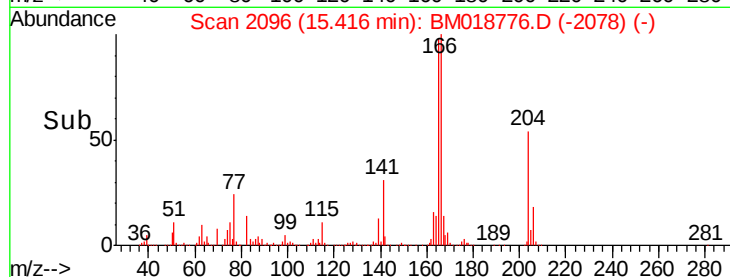
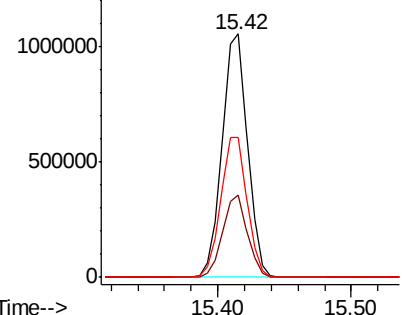
#61
4-Chlorophenyl-phenylether
Concen: 40.988 ng
RT: 15.42 min Scan# 2096
Delta R.T. 0.01 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Instrument :
BNA_M
ClientSampleId :
PB117043BS

Tgt Ion:204 Resp: 1402261
Ion Ratio Lower Upper
204 100
206 33.6 26.2 39.2
141 57.5 49.2 73.8

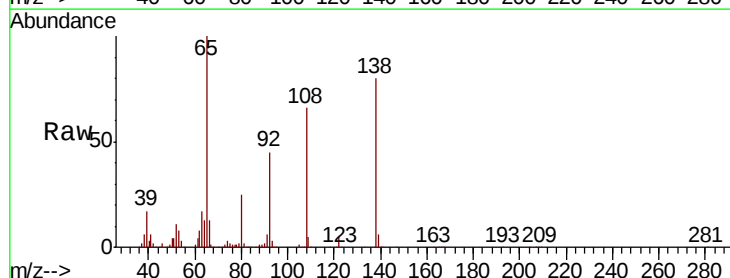


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

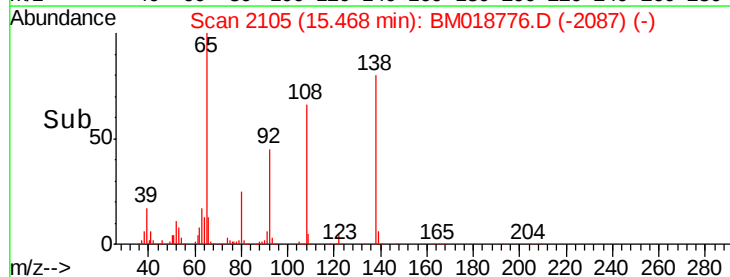
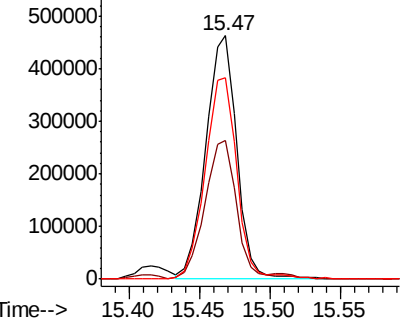


#62
4-Nitroaniline
Concen: 43.764 ng
RT: 15.47 min Scan# 2105
Delta R.T. 0.01 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Tgt Ion:138 Resp: 699606
Ion Ratio Lower Upper
138 100
92 56.8 35.5 75.5
108 82.9 62.4 102.4



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM0
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 43.613 ng

RT: 15.71 min Scan# 2146

Delta R.T. 0.01 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_M

ClientSampleId :

PB117043BS

Tgt Ion: 77 Resp: 3213655

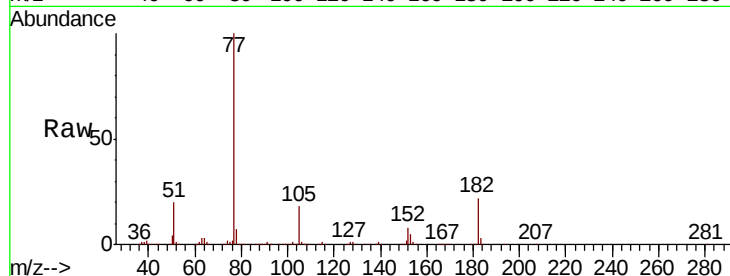
Ion Ratio Lower Upper

77 100

182 22.1 1.0 41.0

105 18.4 0.0 37.7

51 20.2 0.3 40.3

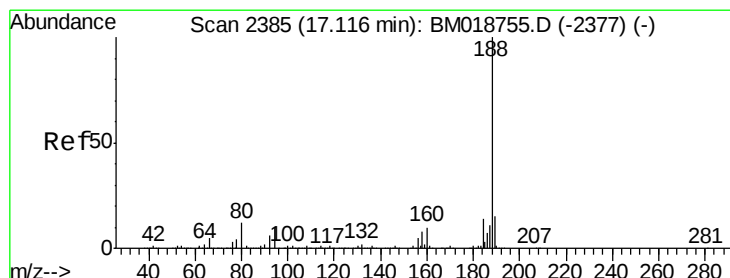
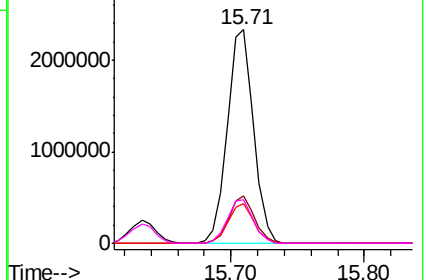
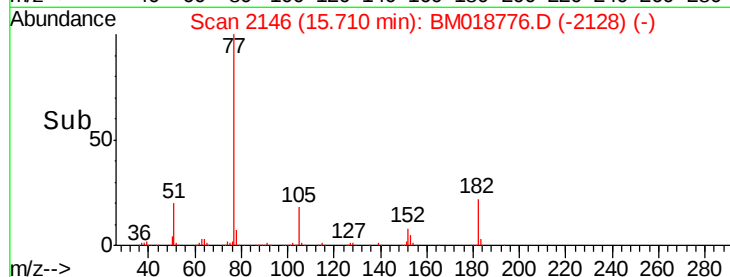


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.12 min Scan# 2385

Delta R.T. -0.00 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

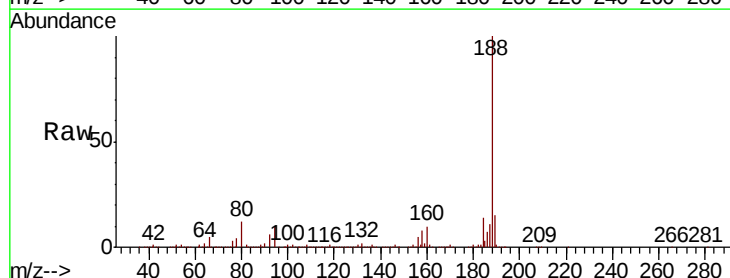
Tgt Ion: 188 Resp: 1880198

Ion Ratio Lower Upper

188 100

94 10.4 8.2 12.2

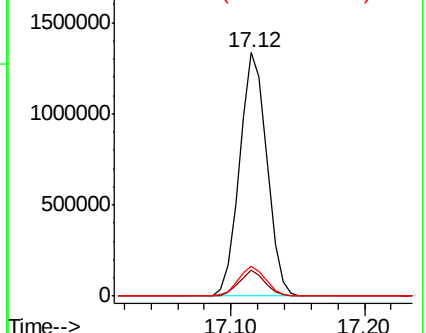
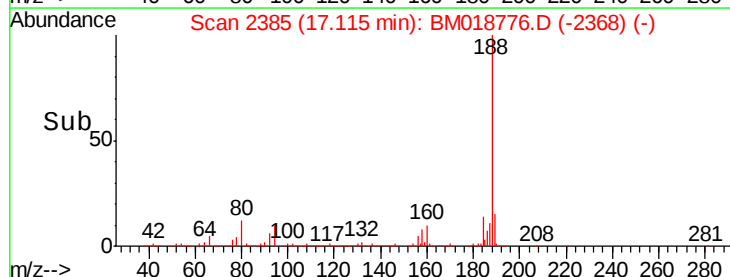
80 12.3 9.7 14.5

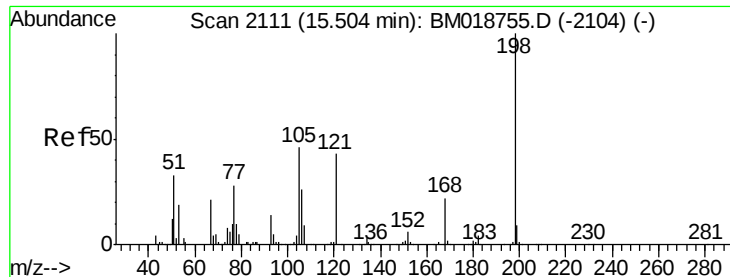


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

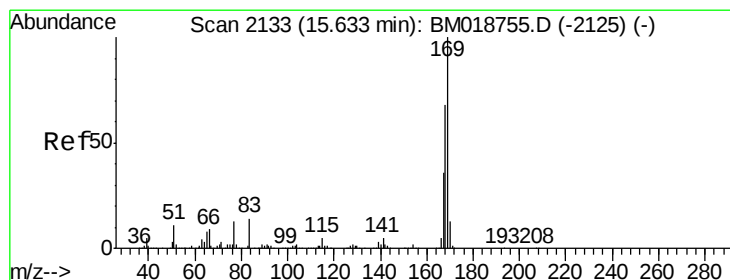
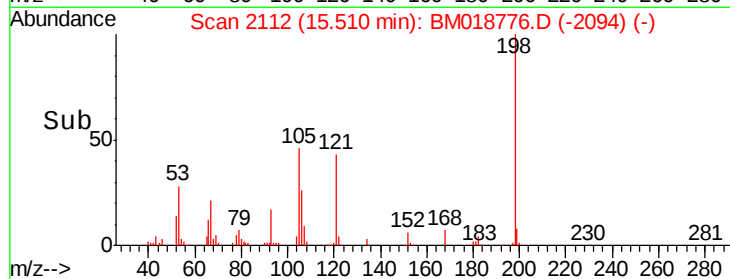
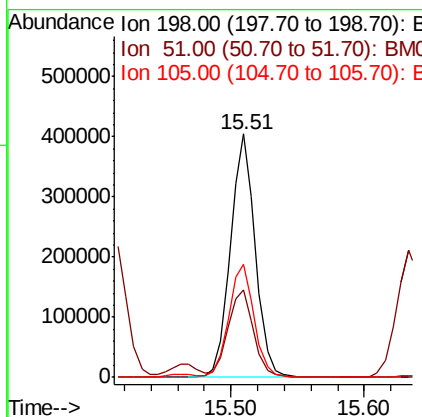
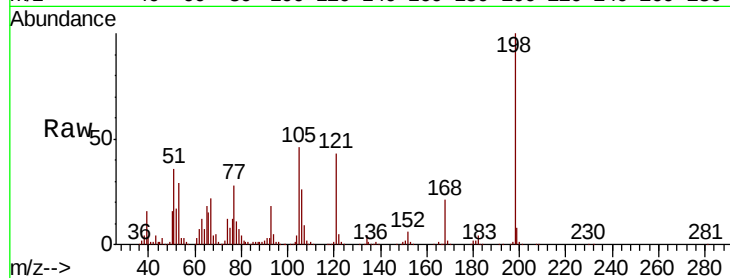




#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.803 ng
 RT: 15.51 min Scan# 2112
 Delta R.T. 0.01 min
 Lab File: BM018776.D
 Acq: 12 Feb 2019 17:12

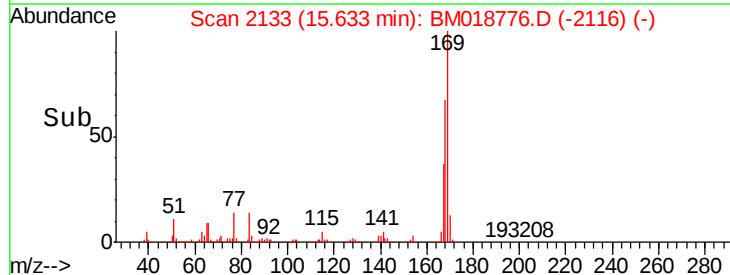
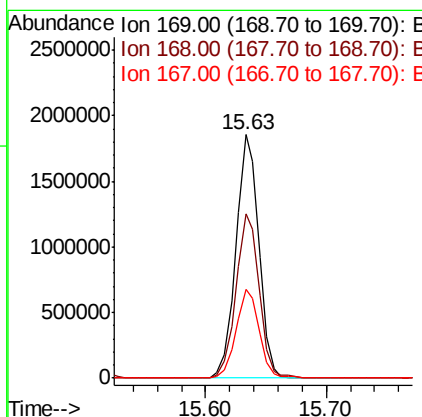
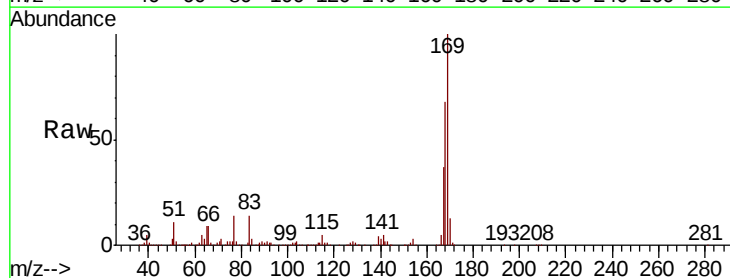
Instrument :
 BNA_M
 ClientSampleId :
 PB117043BS

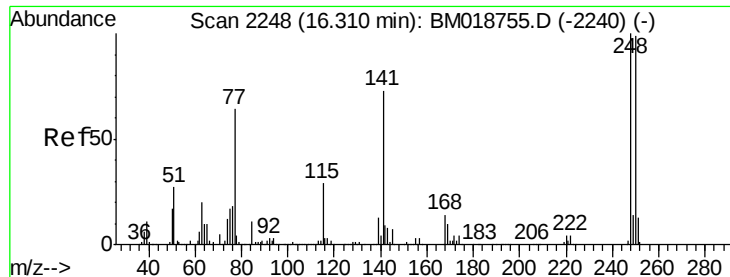
Tgt Ion:198 Resp: 525446
 Ion Ratio Lower Upper
 198 100
 51 35.7 18.4 58.4
 105 46.3 27.2 67.2



#66
 n-Nitrosodiphenylamine
 Concen: 41.242 ng
 RT: 15.63 min Scan# 2133
 Delta R.T. -0.00 min
 Lab File: BM018776.D
 Acq: 12 Feb 2019 17:12

Tgt Ion:169 Resp: 2449891
 Ion Ratio Lower Upper
 169 100
 168 67.5 54.4 81.6
 167 36.6 29.0 43.6

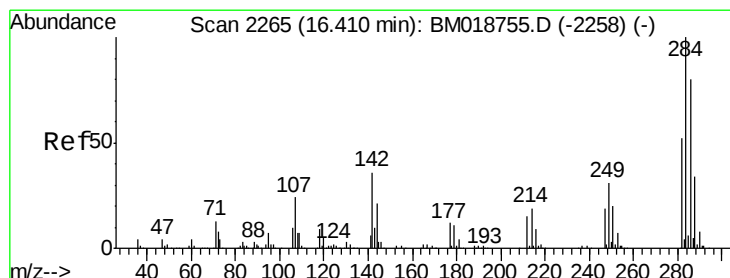
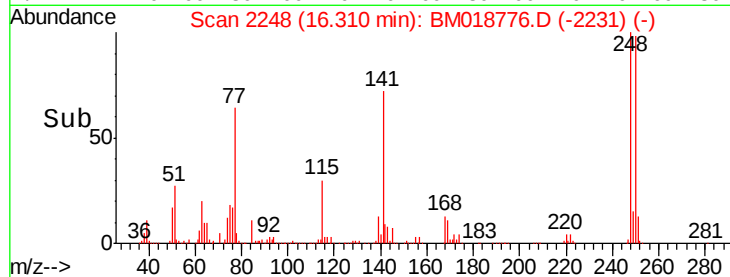
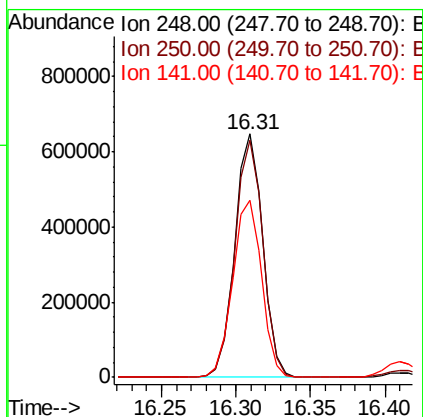
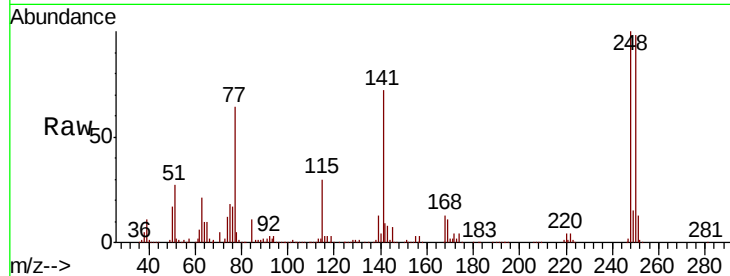




#67
4-Bromophenyl-phenylether
Concen: 40.165 ng
RT: 16.31 min Scan# 2248
Delta R.T. -0.00 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

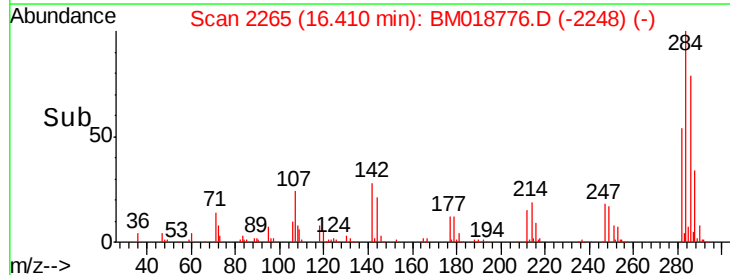
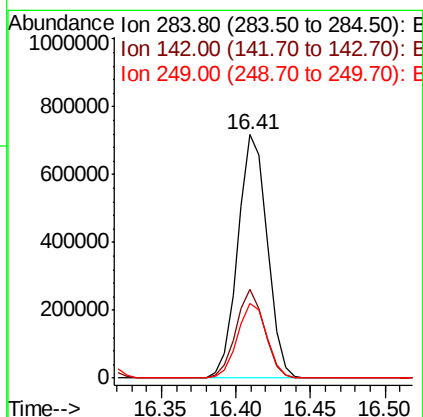
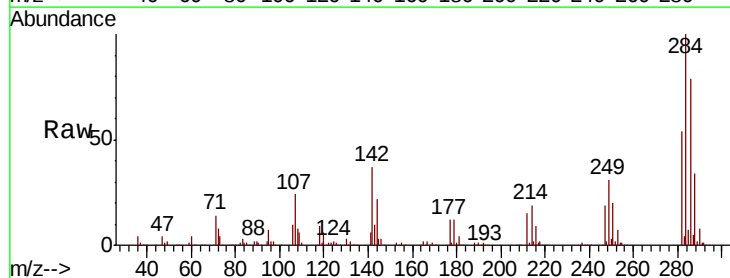
Instrument :
BNA_M
ClientSampleId :
PB117043BS

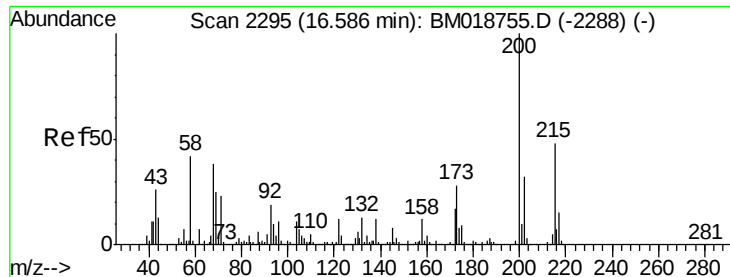
Tgt Ion:248 Resp: 845287
Ion Ratio Lower Upper
248 100
250 97.6 79.0 118.6
141 72.5 58.6 88.0



#68
Hexachlorobenzene
Concen: 40.134 ng
RT: 16.41 min Scan# 2265
Delta R.T. -0.00 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Tgt Ion:284 Resp: 981768
Ion Ratio Lower Upper
284 100
142 36.5 28.9 43.3
249 30.6 24.8 37.2





#69

Atrazine

Concen: 44.096 ng

RT: 16.59 min Scan# 2296

Delta R.T. 0.01 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_M

ClientSampleId :

PB117043BS

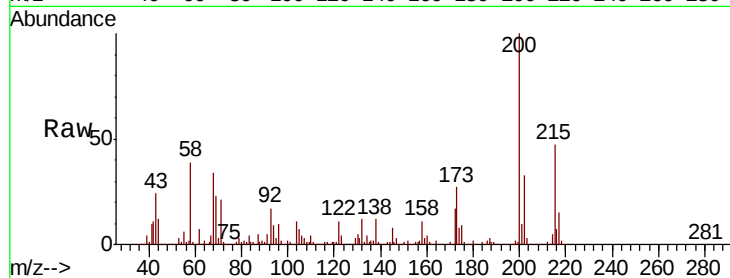
Tgt Ion:200 Resp: 844466

Ion Ratio Lower Upper

200 100

173 26.7 7.6 47.6

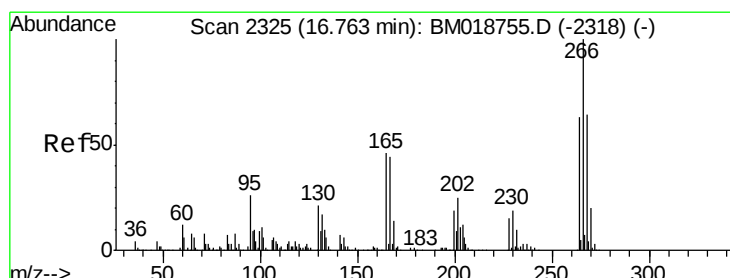
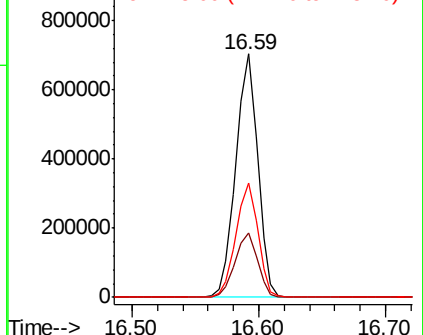
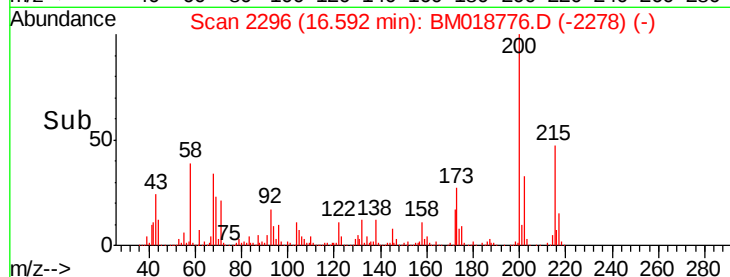
215 47.2 27.6 67.6



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



#70

Pentachlorophenol

Concen: 82.705 ng

RT: 16.76 min Scan# 2325

Delta R.T. -0.00 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

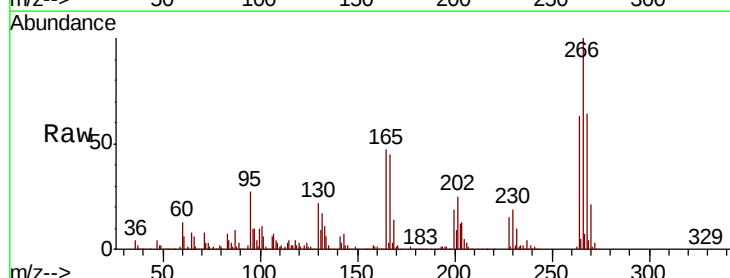
Tgt Ion:266 Resp: 1302663

Ion Ratio Lower Upper

266 100

268 63.9 51.3 76.9

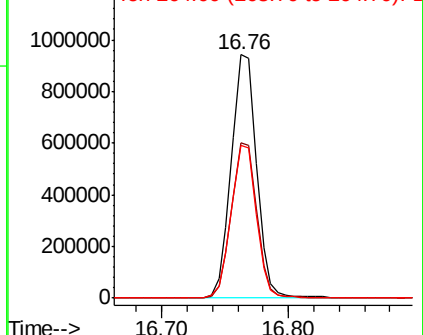
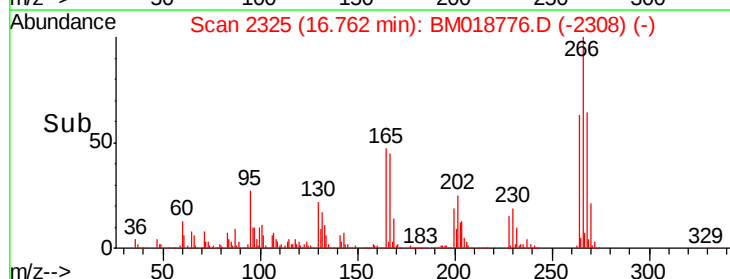
264 63.0 50.6 75.8

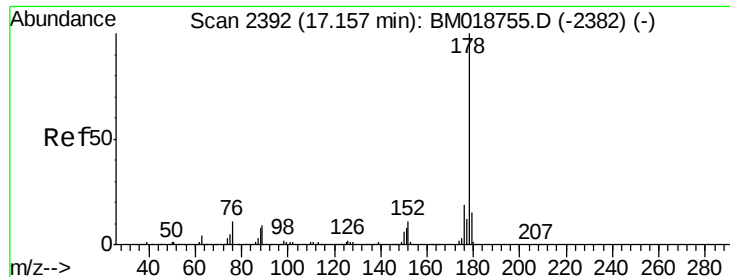


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

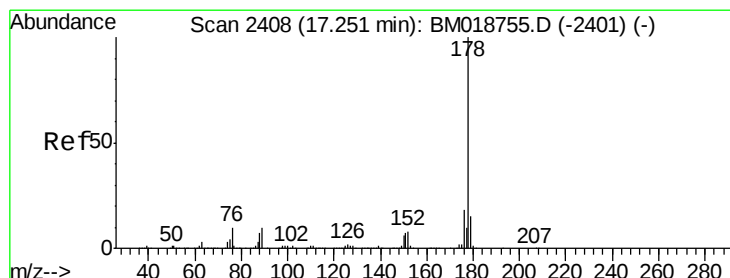
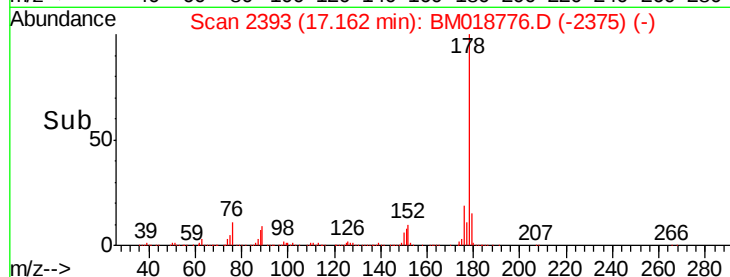
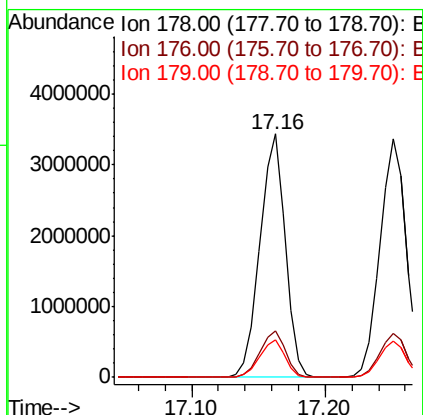
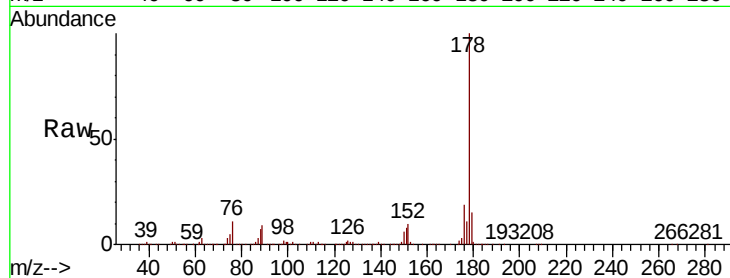




#71
Phenanthrene
Concen: 44.386 ng
RT: 17.16 min Scan# 2393
Delta R.T. 0.01 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

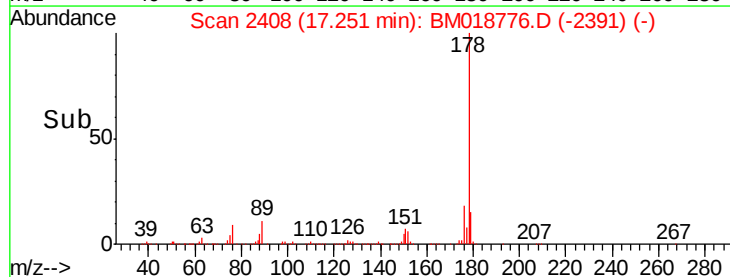
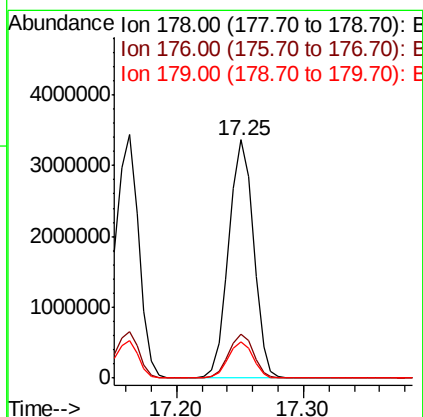
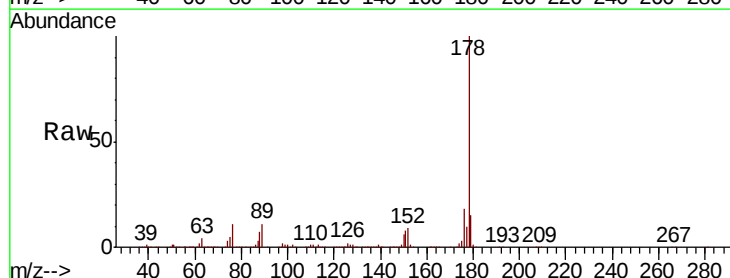
Instrument :
BNA_M
ClientSampleId :
PB117043BS

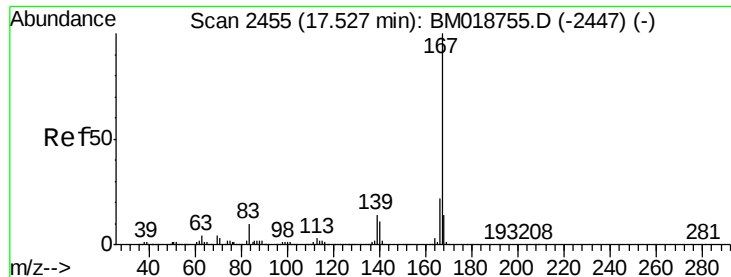
Tgt Ion:178 Resp: 4484929
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.4 12.3 18.5



#72
Anthracene
Concen: 46.432 ng
RT: 17.25 min Scan# 2408
Delta R.T. -0.00 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Tgt Ion:178 Resp: 4566561
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.4 12.1 18.1

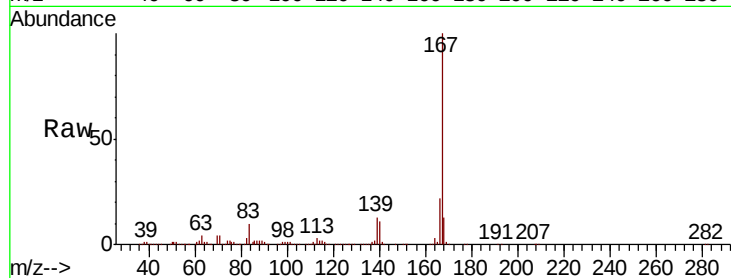




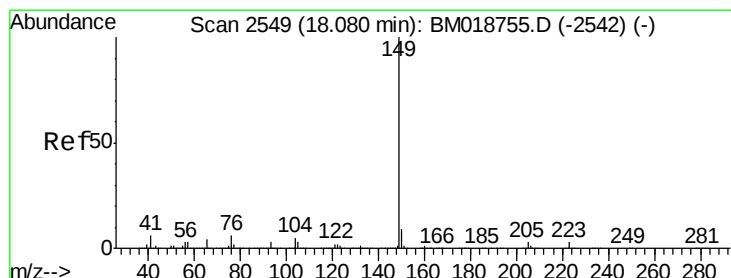
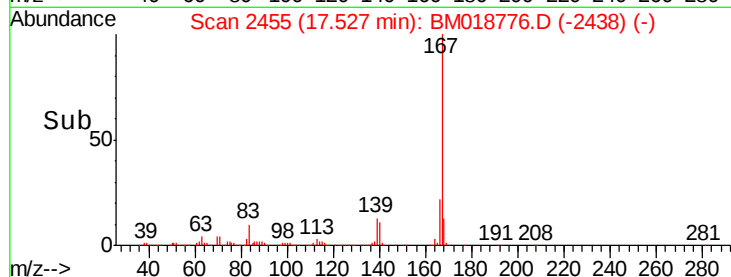
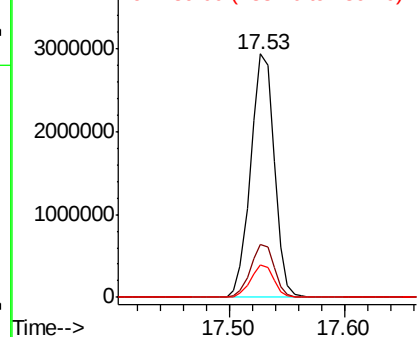
#73
 Carbazole
 Concen: 40.842 ng
 RT: 17.53 min Scan# 2455
 Delta R.T. -0.00 min
 Lab File: BM018776.D
 Acq: 12 Feb 2019 17:12

Instrument :
 BNA_M
 ClientSampleId :
 PB117043BS

Tgt Ion:167 Resp: 4196585
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.7 26.5
 139 13.3 10.9 16.3

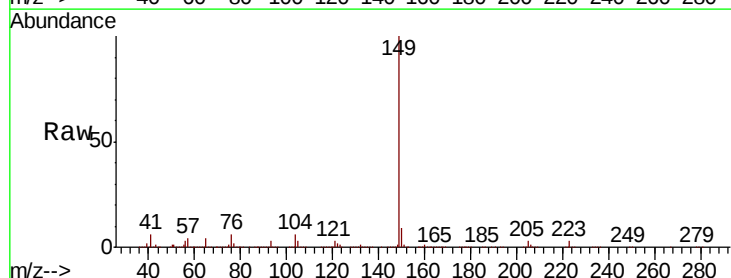


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

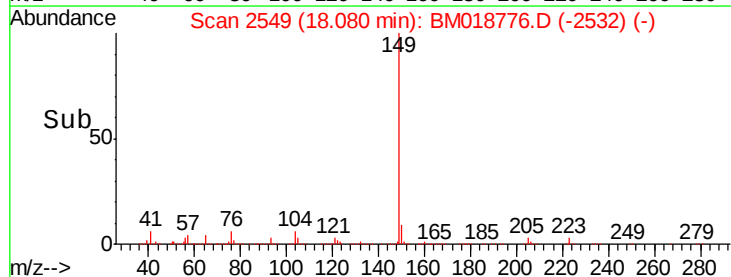
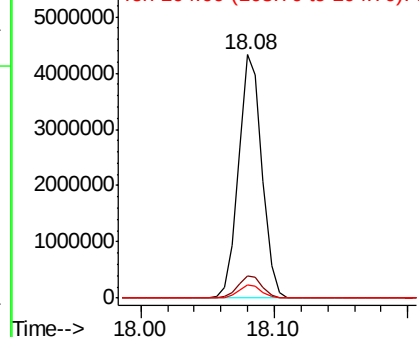


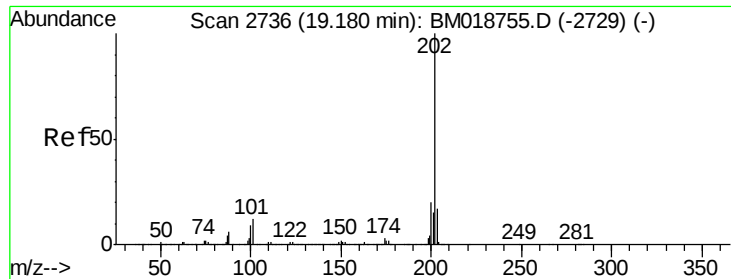
#74
 Di-n-butylphthalate
 Concen: 44.487 ng
 RT: 18.08 min Scan# 2549
 Delta R.T. -0.00 min
 Lab File: BM018776.D
 Acq: 12 Feb 2019 17:12

Tgt Ion:149 Resp: 5257160
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 5.6 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 45.561 ng

RT: 19.18 min Scan# 2736

Delta R.T. -0.00 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_M

ClientSampleId :

PB117043BS

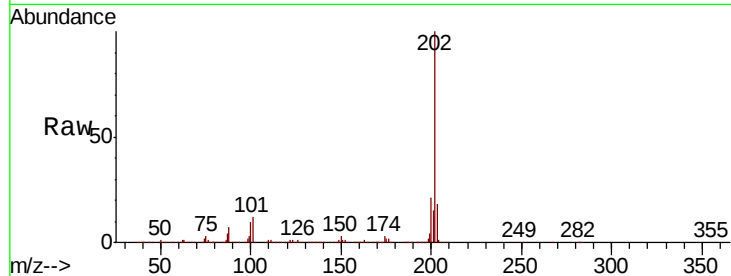
Tgt Ion:202 Resp: 5317894

Ion Ratio Lower Upper

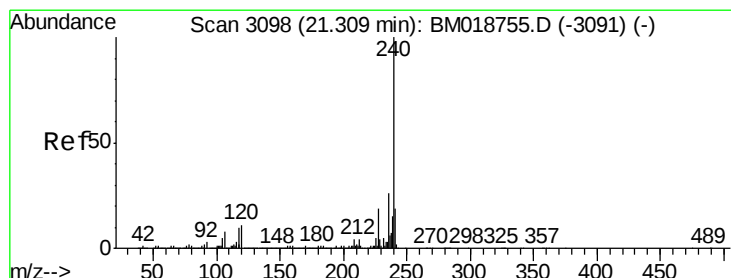
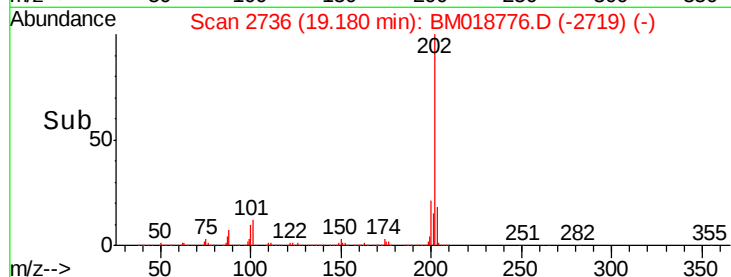
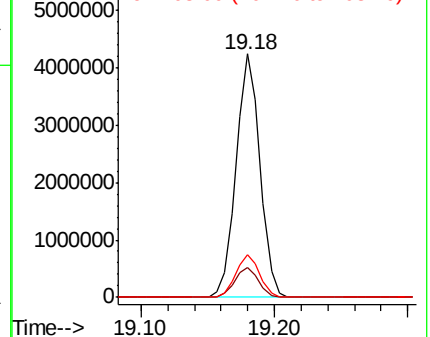
202 100

101 12.3 0.0 31.5

203 17.6 0.0 37.3



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.32 min Scan# 3099

Delta R.T. 0.01 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

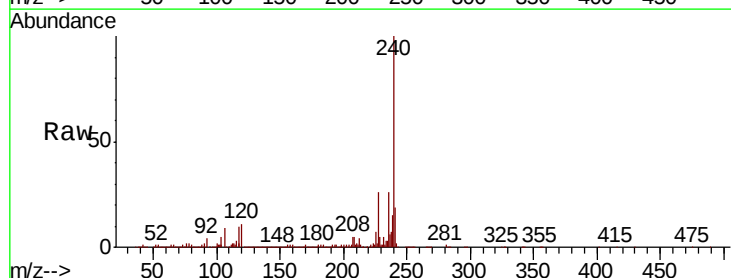
Tgt Ion:240 Resp: 2129636

Ion Ratio Lower Upper

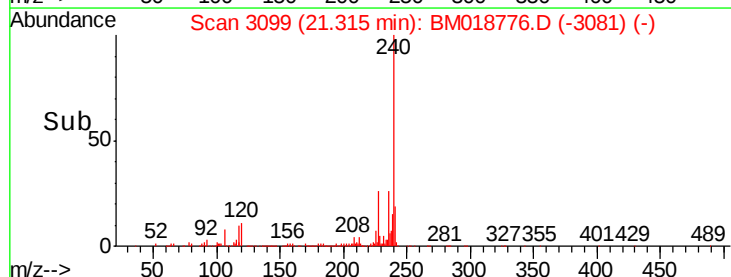
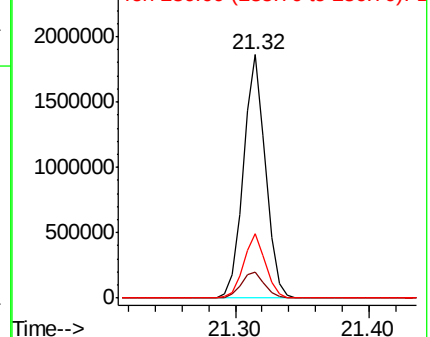
240 100

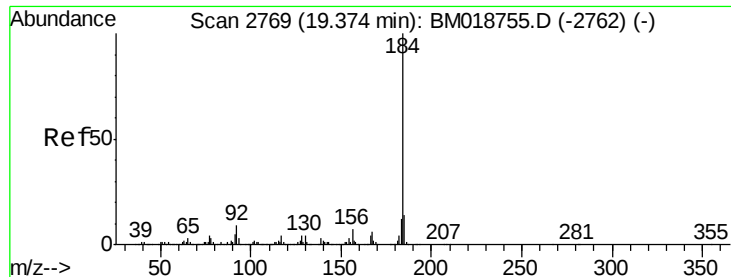
120 10.9 8.9 13.3

236 26.3 20.9 31.3



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





#77

Benzidine

Concen: 133.318 ng

RT: 19.38 min Scan# 2770

Delta R.T. 0.01 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

Instrument :

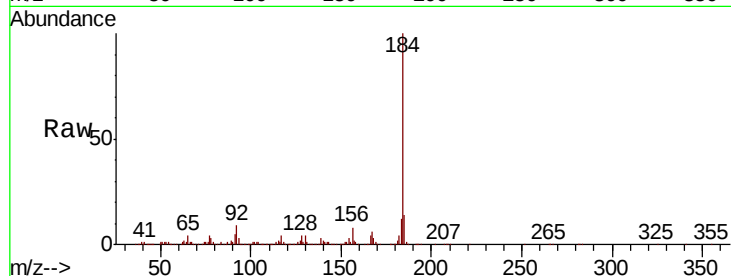
BNA_M

ClientSampleId :

PB117043BS

Tgt Ion:184 Resp: 6394233

Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.2	16.8
183	12.3	9.7	14.5

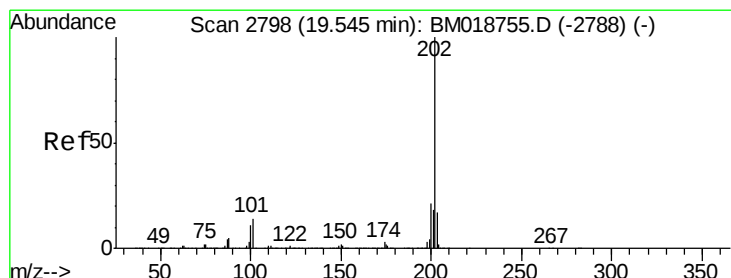
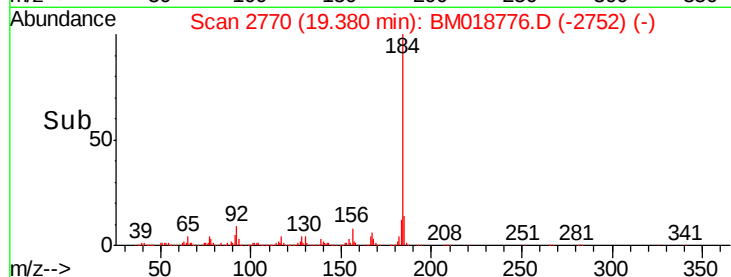
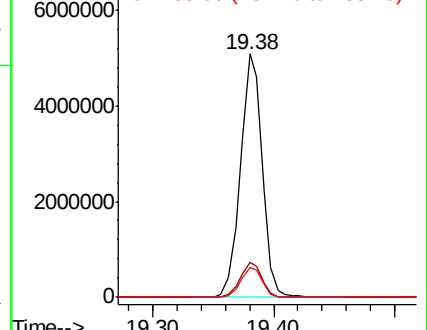


Abundance

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



#78

Pyrene

Concen: 44.133 ng

RT: 19.55 min Scan# 2799

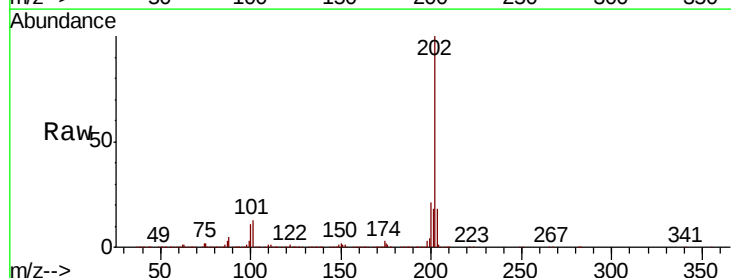
Delta R.T. 0.01 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

Tgt Ion:202 Resp: 5458641

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.9	25.3
203	17.5	13.8	20.8

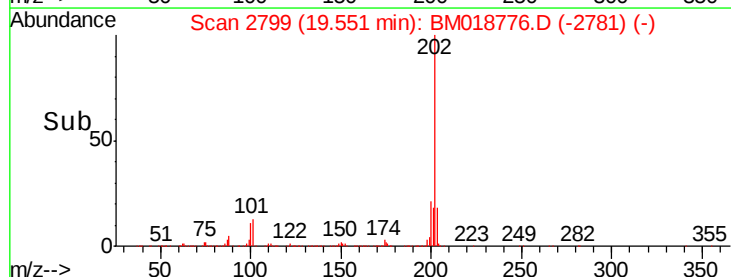
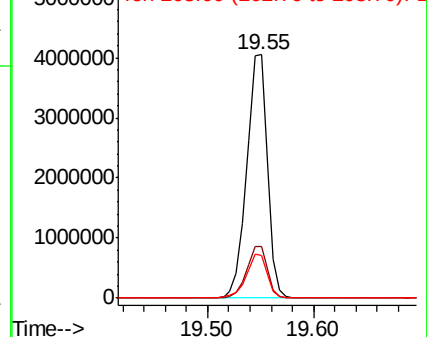


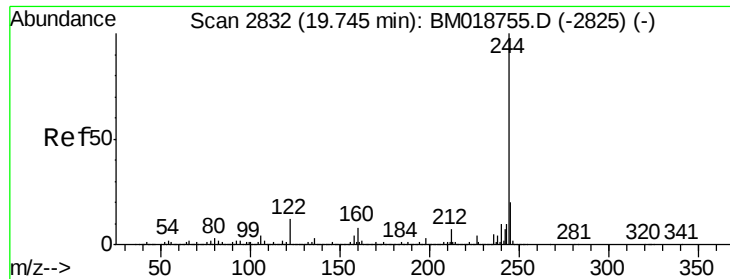
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.660 ng

RT: 19.75 min Scan# 2833

Delta R.T. 0.01 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_M

ClientSampleId :

PB117043BS

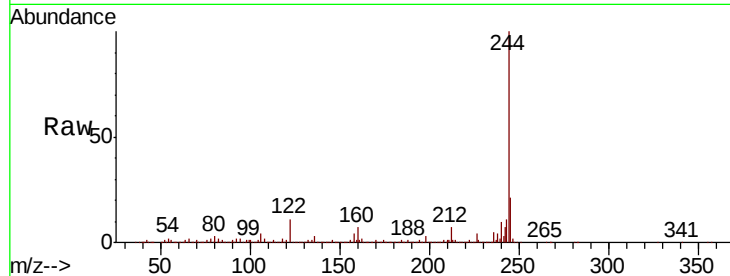
Tgt Ion:244 Resp: 8120477

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

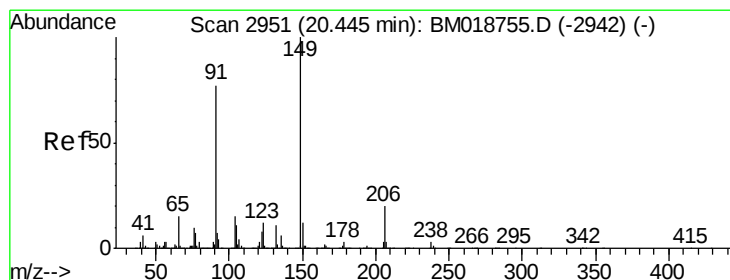
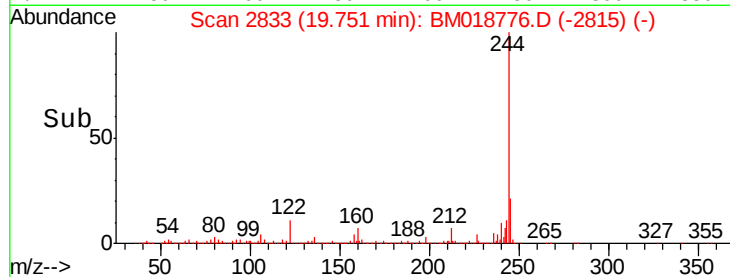
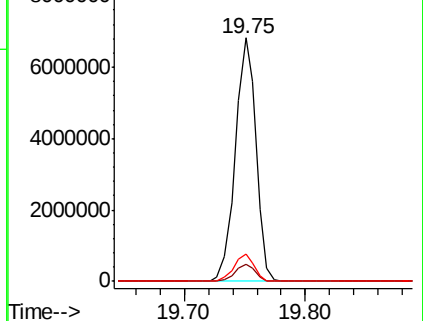
122 11.2 9.3 13.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.953 ng

RT: 20.45 min Scan# 2952

Delta R.T. 0.01 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

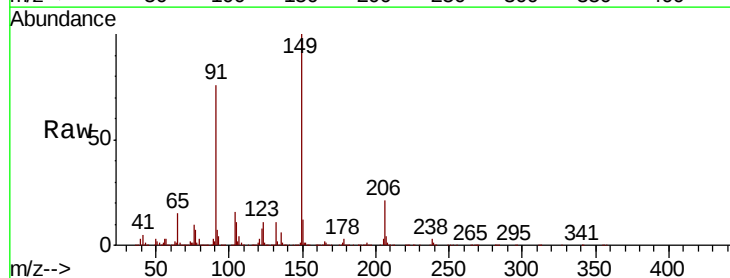
Tgt Ion:149 Resp: 2590337

Ion Ratio Lower Upper

149 100

91 76.2 61.4 92.0

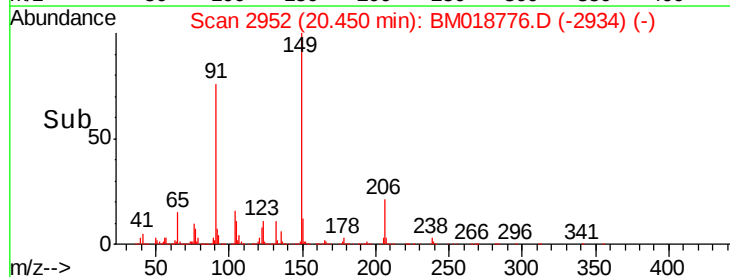
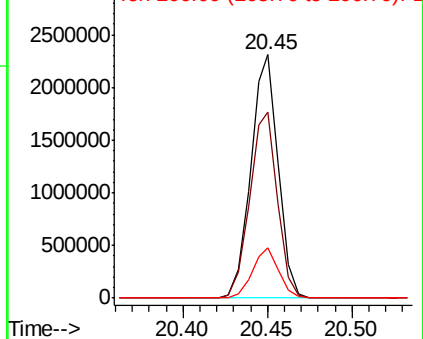
206 20.5 15.8 23.8

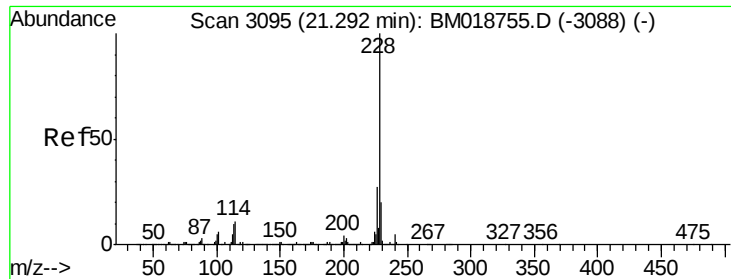


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.981 ng

RT: 21.30 min Scan# 3096

Delta R.T. 0.01 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_M

ClientSampleId :

PB117043BS

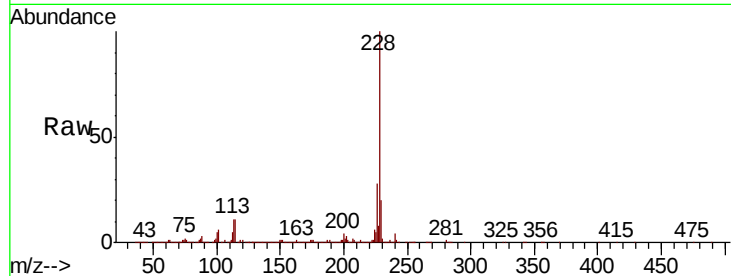
Tgt Ion:228 Resp: 5583999

Ion Ratio Lower Upper

228 100

226 27.5 21.9 32.9

229 20.3 15.9 23.9

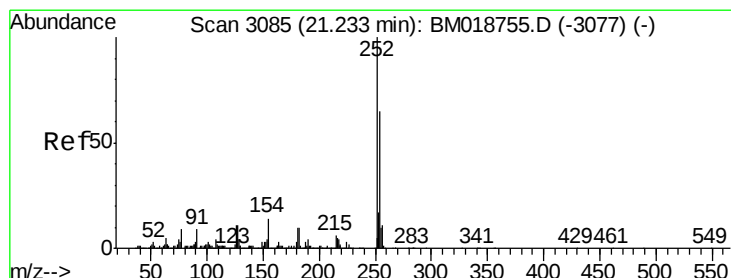
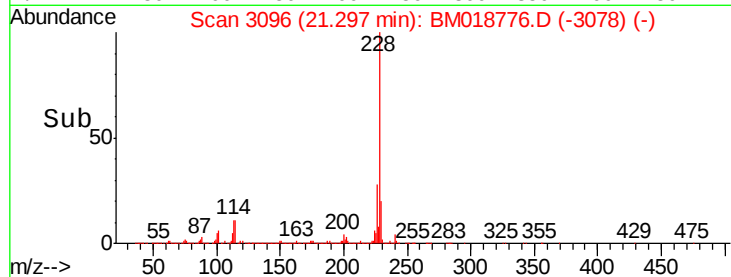
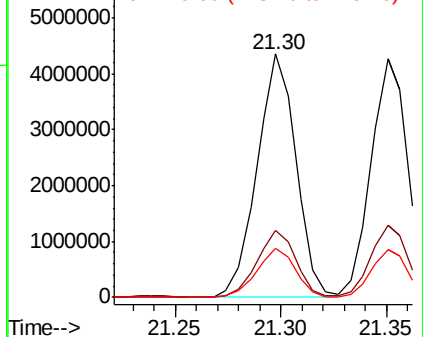


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 44.709 ng

RT: 21.24 min Scan# 3086

Delta R.T. 0.01 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

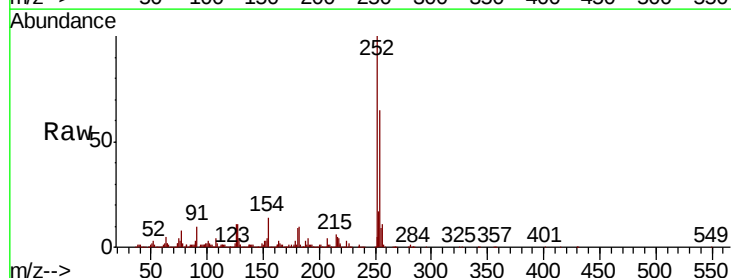
Tgt Ion:252 Resp: 2193521

Ion Ratio Lower Upper

252 100

254 65.1 51.8 77.8

126 11.2 9.1 13.7

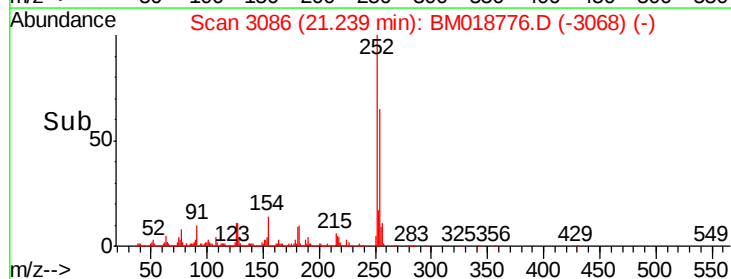
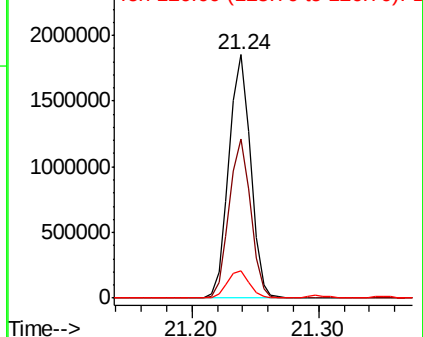


Abundance

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





#83

Chrysene

Concen: 43.561 ng

RT: 21.35 min Scan# 3105

Delta R.T. 0.01 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_M

ClientSampleId :

PB117043BS

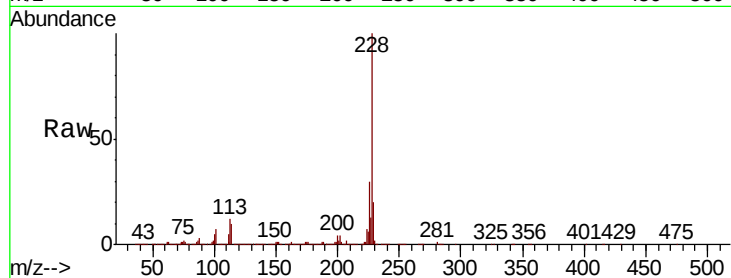
Tgt Ion:228 Resp: 5183198

Ion Ratio Lower Upper

228 100

226 30.4 24.1 36.1

229 20.2 16.0 24.0

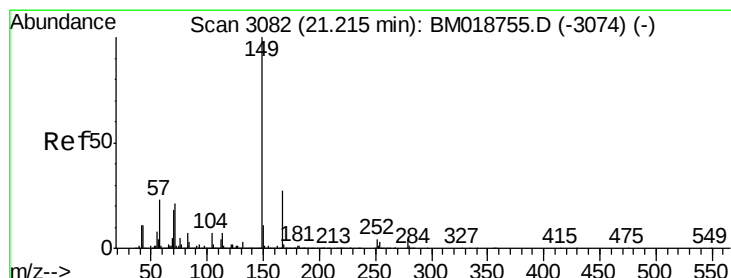
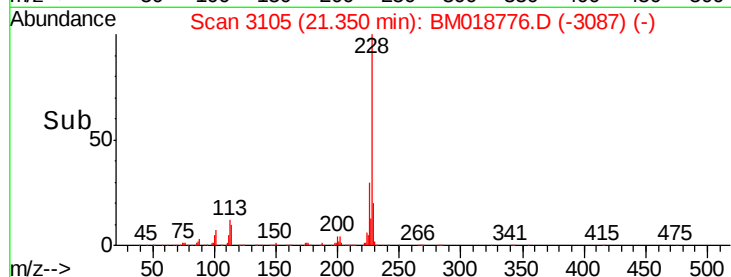
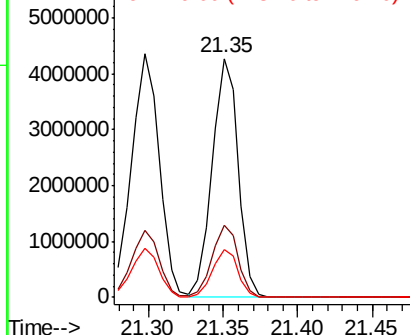


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.503 ng

RT: 21.22 min Scan# 3083

Delta R.T. 0.01 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

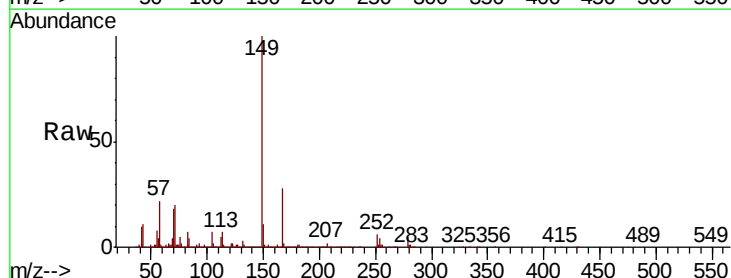
Tgt Ion:149 Resp: 3754122

Ion Ratio Lower Upper

149 100

167 27.7 21.8 32.6

279 4.6 3.6 5.4

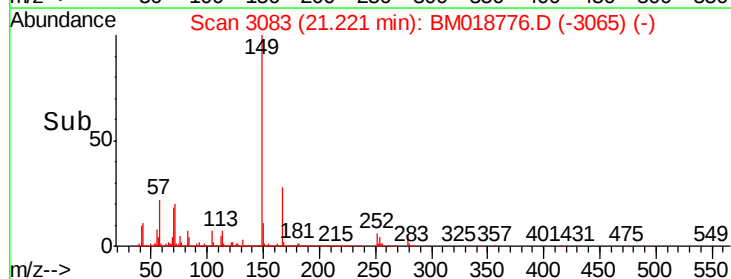
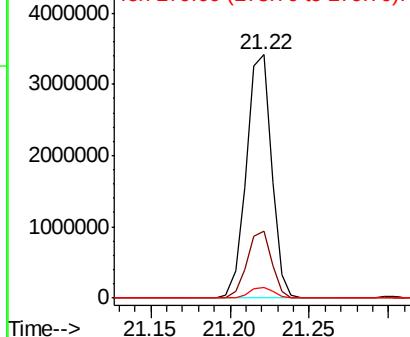


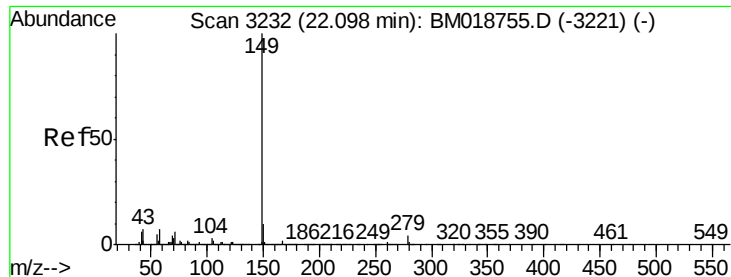
Abundance

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

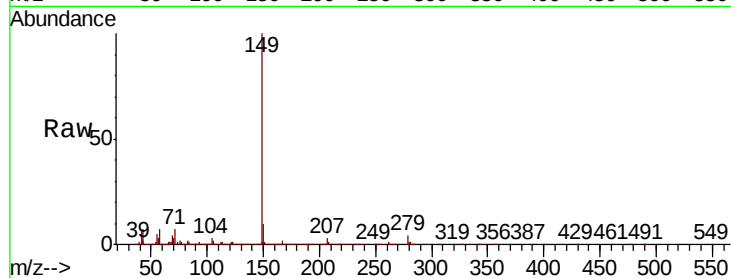




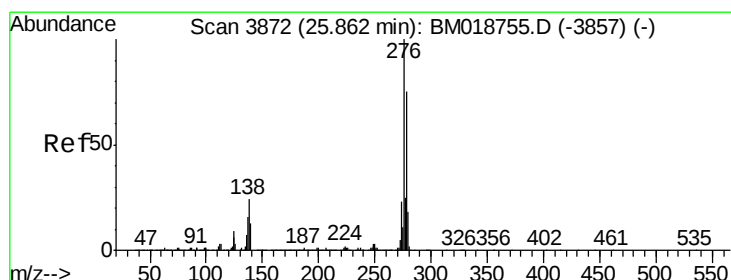
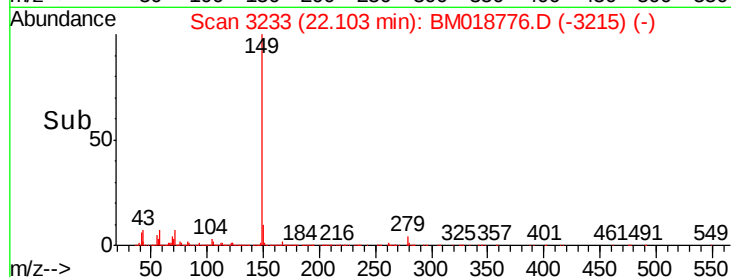
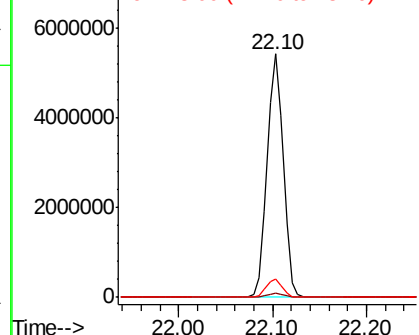
#85
Di-n-octyl phthalate
Concen: 46.548 ng
RT: 22.10 min Scan# 3233
Delta R.T. 0.01 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Instrument :
BNA_M
ClientSampleId :
PB117043BS

Tgt Ion:149 Resp: 6454484
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.4 6.0 9.0

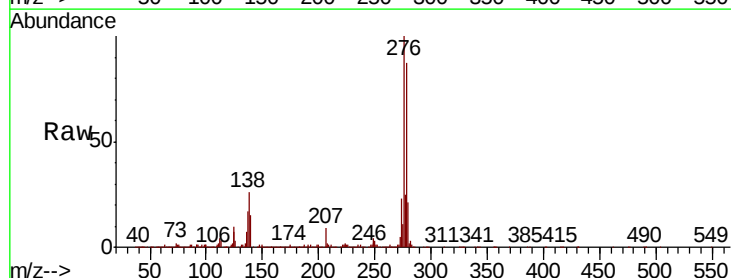


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM

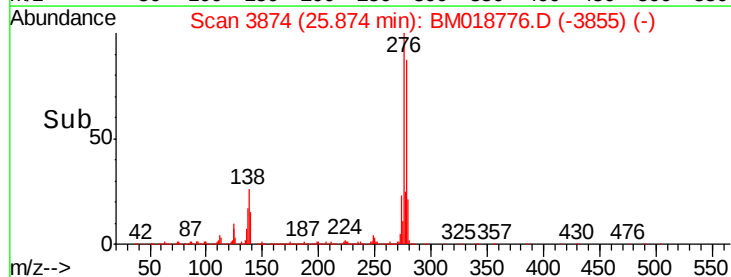
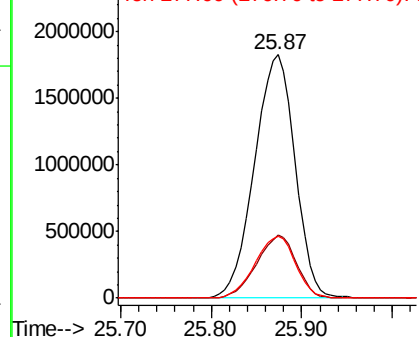


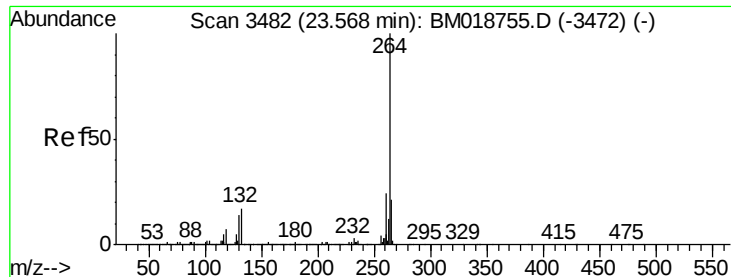
#86
Indeno(1,2,3-cd)pyrene
Concen: 41.369 ng
RT: 25.87 min Scan# 3874
Delta R.T. 0.01 min
Lab File: BM018776.D
Acq: 12 Feb 2019 17:12

Tgt Ion:276 Resp: 5683031
Ion Ratio Lower Upper
276 100
138 25.5 20.2 30.4
277 25.6 20.3 30.5



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





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.57 min Scan# 3483

Delta R.T. 0.01 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_M

ClientSampleId :

PB117043BS

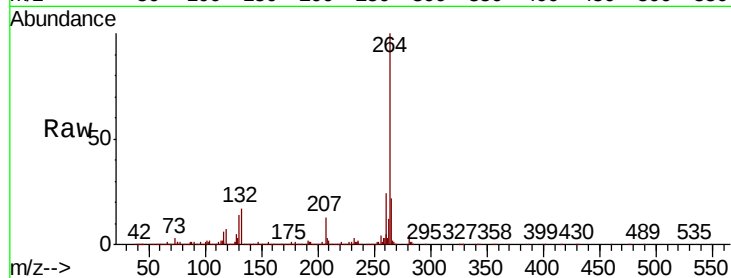
Tgt Ion:264 Resp: 2059731

Ion Ratio Lower Upper

264 100

260 24.1 18.9 28.3

265 21.8 17.3 25.9

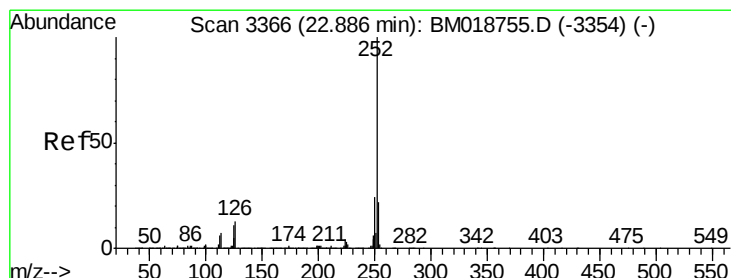
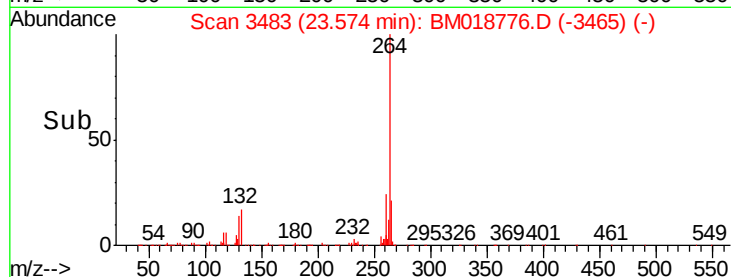
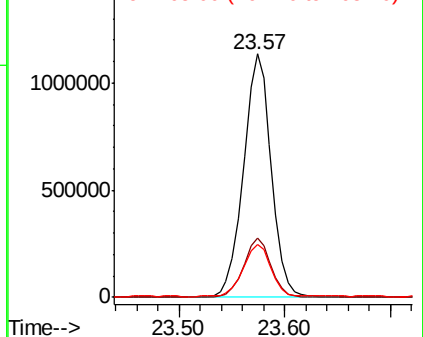


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 47.017 ng

RT: 22.90 min Scan# 3368

Delta R.T. 0.01 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

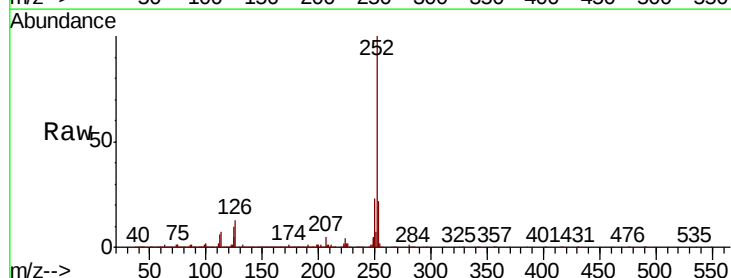
Tgt Ion:252 Resp: 5540666

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 9.7 8.6 12.8

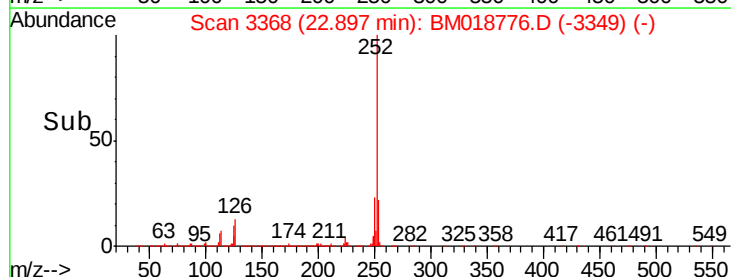
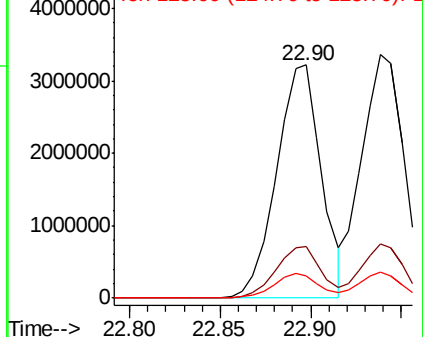


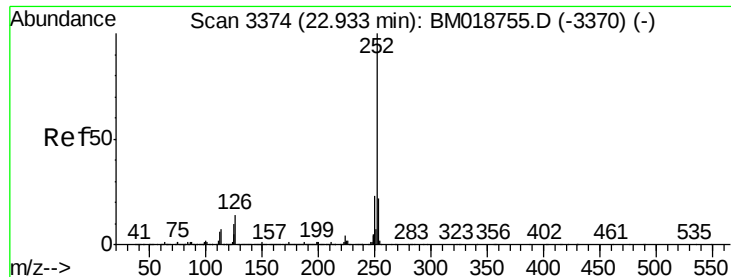
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 46.429 ng

RT: 22.94 min Scan# 3375

Delta R.T. 0.01 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_M

ClientSampleId :

PB117043BS

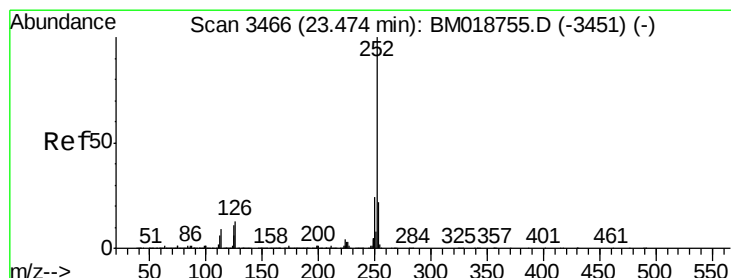
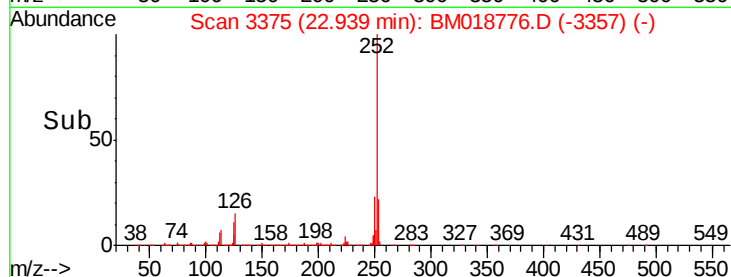
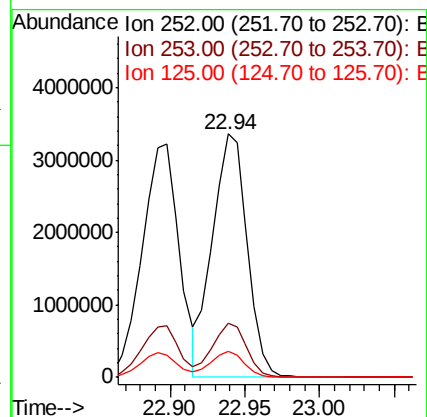
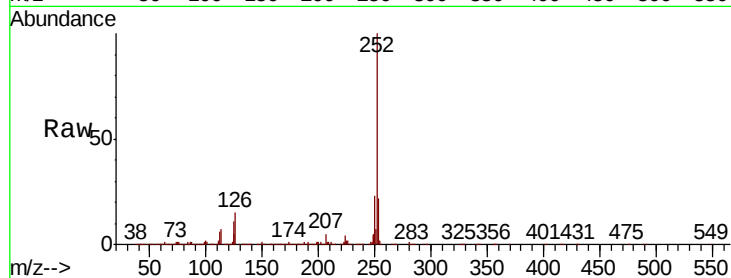
Tgt Ion:252 Resp: 5447154

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 10.8 8.2 12.4



#90

Benzo(a)pyrene

Concen: 47.165 ng

RT: 23.48 min Scan# 3467

Delta R.T. 0.01 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

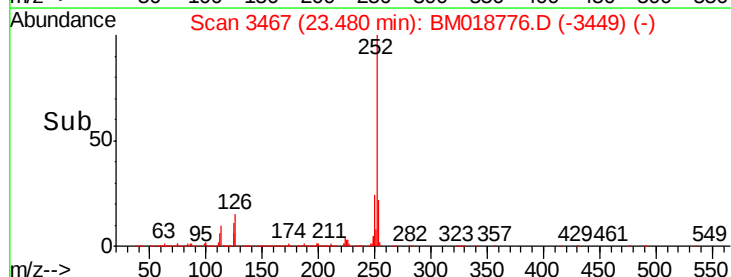
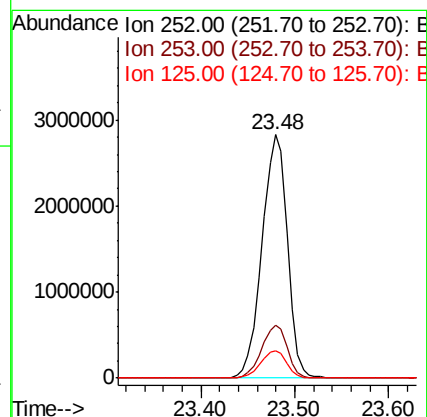
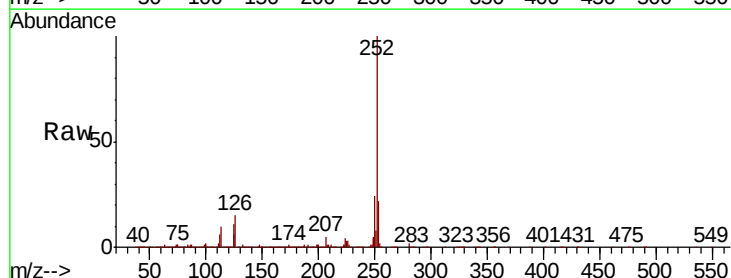
Tgt Ion:252 Resp: 5265316

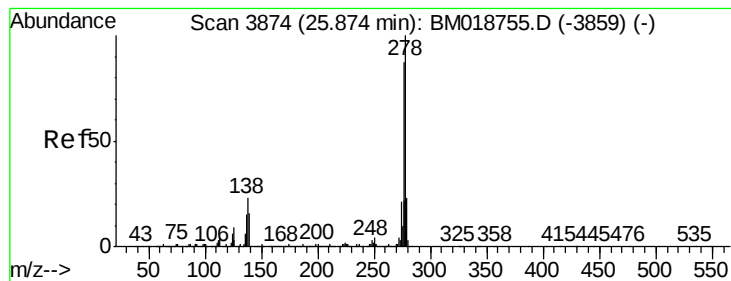
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 11.5 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 43.981 ng

RT: 25.89 min Scan# 3876

Delta R.T. 0.01 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_M

ClientSampleId :

PB117043BS

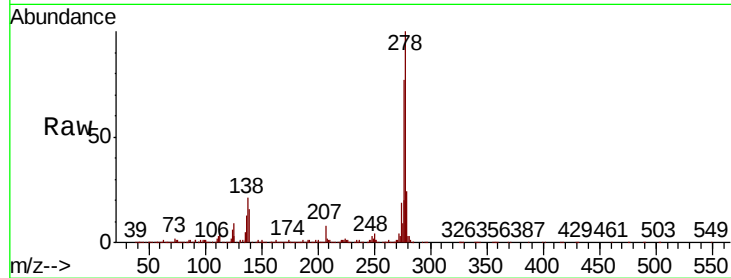
Tgt Ion:278 Resp: 4864425

Ion Ratio Lower Upper

278 100

139 16.1 12.6 18.8

279 23.7 18.6 28.0

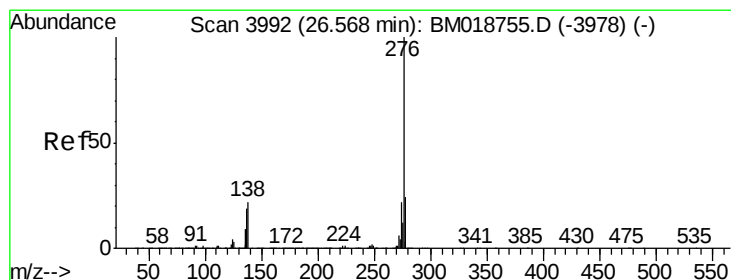
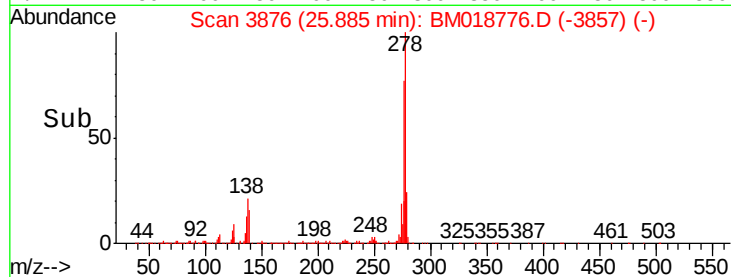
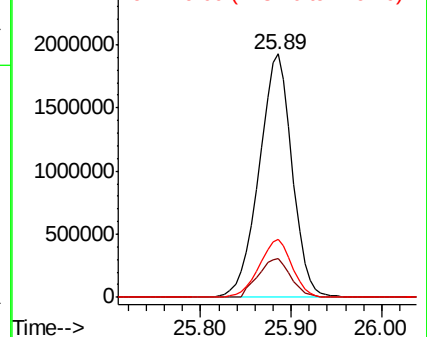


Abundance

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



#92

Benzo(g,h,i)perylene

Concen: 43.124 ng

RT: 26.58 min Scan# 3994

Delta R.T. 0.01 min

Lab File: BM018776.D

Acq: 12 Feb 2019 17:12

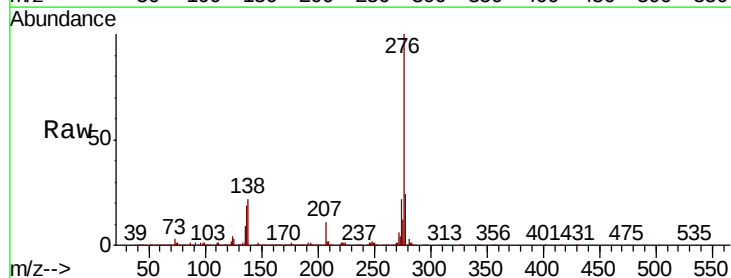
Tgt Ion:276 Resp: 4440456

Ion Ratio Lower Upper

276 100

277 23.7 19.2 28.8

138 21.6 17.3 25.9



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

