

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022019\
 Data File : BM018881.D
 Acq On : 20 Feb 2019 13:15
 Operator : JU/SJ
 Sample : K1528-06MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-1MSD

Quant Time: Feb 20 14:03:38 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	7.70	152	301771	20.00	ng	-0.01
21) Naphthalene-d8	10.49	136	1290647	20.00	ng	-0.01
39) Acenaphthene-d10	14.35	164	770117	20.00	ng	-0.01
64) Phenanthrene-d10	17.10	188	1770632	20.00	ng	-0.01
76) Chrysene-d12	21.30	240	1795447	20.00	ng	0.00
87) Perylene-d12	23.56	264	1516960	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1141594	61.98	ng	0.00
7) Phenol-d6	6.88	99	994197	38.32	ng	0.00
23) Nitrobenzene-d5	8.87	82	2711437	97.14	ng	-0.01
42) 2,4,6-Tribromophenol	15.85	330	1670152	150.45	ng	-0.01
45) 2-Fluorobiphenyl	12.97	172	5462081	94.15	ng	-0.01
79) Terphenyl-d14	19.74	244	8626649	99.12	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.25	88	126931	15.823	ng	# 92
3) Pyridine	3.66	79	258020	11.792	ng	98
4) n-Nitrosodimethylamine	3.58	42	112364	20.186	ng	# 93
6) Aniline	7.05	93	962801	30.286	ng	99
8) 2-Chlorophenol	7.27	128	774386	38.296	ng	98
9) Benzaldehyde	6.86	77	2502399	Below Cal		# 1
10) Phenol	6.91	94	389462	14.266	ng	# 62
11) bis(2-Chloroethyl)ether	7.15	93	950375	45.635	ng	98
12) 1,3-Dichlorobenzene	7.59	146	1009516	44.398	ng	99
13) 1,4-Dichlorobenzene	7.74	146	1038660	44.870	ng	100
14) 1,2-Dichlorobenzene	8.06	146	1025134	46.105	ng	99
15) Benzyl Alcohol	7.96	79	602394	29.219	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.23	45	945546	46.911	ng	# 1
17) 2-Methylphenol	8.15	107	584623	33.646	ng	99
18) Hexachloroethane	8.80	117	1941896	229.810	ng	# 1
19) n-Nitroso-di-n-propylamine	8.52	70	958289	47.701	ng	100
20) 3+4-Methylphenols	8.48	107	753052	31.385	ng	# 85
22) Acetophenone	8.53	105	1626745	45.897	ng	# 99
24) Nitrobenzene	8.92	77	1325844	45.761	ng	99
25) Isophorone	9.44	82	2461988	55.279	ng	100
26) 2-Nitrophenol	9.62	139	525176	45.516	ng	96
27) 2,4-Dimethylphenol	9.67	122	831263	49.326	ng	99
28) bis(2-Chloroethoxy)methane	9.92	93	1436878	49.890	ng	99
29) 2,4-Dichlorophenol	10.15	162	870953	45.009	ng	100
30) 1,2,4-Trichlorobenzene	10.35	180	1012170	45.293	ng	99
31) Naphthalene	10.55	128	20952115	332.859	ng	# 90
32) Benzoic acid	9.89	122	1160899	78.970	ng	# 23
33) 4-Chloroaniline	10.67	127	885202	31.460	ng	99
34) Hexachlorobutadiene	10.80	225	549255	42.344	ng	100
35) Caprolactam	11.49	113	1238	0.157	ng	# 1
36) 4-Chloro-3-methylphenol	11.79	107	978221	41.929	ng	99
37) 2-Methylnaphthalene	12.16	142	7050748	159.095	ng	99
38) 1-Methylnaphthalene	12.38	142	4083355	94.223	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.53	216	1106927	44.932	ng	99

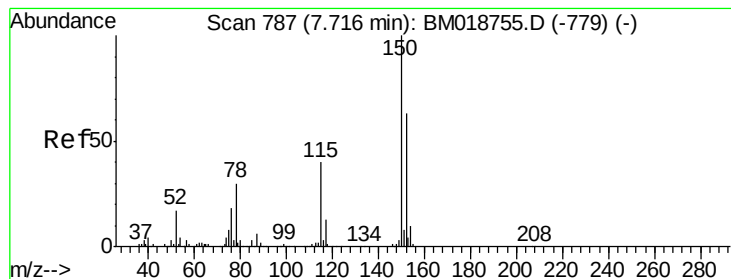
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022019\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.49	237	1132571	89.920	ng	98
43) 2,4,6-Trichlorophenol	12.77	196	760547	46.635	ng	98
44) 2,4,5-Trichlorophenol	12.85	196	813747	47.605	ng	98
46) 1,1'-Biphenyl	13.18	154	3036848	45.811	ng	99
47) 2-Chloronaphthalene	13.22	162	2368937	46.267	ng	98
48) 2-Nitroaniline	13.45	65	894824	52.621	ng	99
49) Acenaphthylene	14.07	152	3906005	51.233	ng	99
50) Dimethylphthalate	13.82	163	3104875	48.377	ng	99
51) 2,6-Dinitrotoluene	13.95	165	700277	50.368	ng	96
52) Acenaphthene	14.42	154	2251730	48.167	ng	100
53) 3-Nitroaniline	14.28	138	480737	30.603	ng	97
54) 2,4-Dinitrophenol	14.49	184	644175	73.523	ng	96
55) Dibenzofuran	14.75	168	3703051	48.193	ng	99
56) 4-Nitrophenol	14.59	139	379995	30.302	ng	97
57) 2,4-Dinitrotoluene	14.74	165	997062	52.050	ng	99
58) Fluorene	15.40	166	3068360	52.198	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.98	232	752359	49.795	ng	99
60) Diethylphthalate	15.19	149	3275051	49.468	ng	99
61) 4-Chlorophenyl-phenylether	15.40	204	1505237	45.670	ng	98
62) 4-Nitroaniline	15.45	138	653246	42.417	ng	99
63) Azobenzene	15.69	77	3496783	49.260	ng	100
65) 4,6-Dinitro-2-methylphenol	15.50	198	468620	37.695	ng	96
66) n-Nitrosodiphenylamine	15.62	169	2701088	48.284	ng	99
67) 4-Bromophenyl-phenylether	16.30	248	915982	46.217	ng	98
68) Hexachlorobenzene	16.40	284	1054052	45.755	ng	98
69) Atrazine	16.58	200	862343	47.815	ng	99
70) Pentachlorophenol	16.75	266	1350093	91.020	ng	100
71) Phenanthrene	17.14	178	4812444	50.574	ng	100
72) Anthracene	17.24	178	4926143	53.187	ng	99
73) Carbazole	17.52	167	4600251	47.541	ng	99
74) Di-n-butylphthalate	18.07	149	5819061	52.289	ng	100
75) Fluoranthene	19.17	202	5621091	51.139	ng	98
77) Benzidine	19.39	184	1051	0.026	ng	# 1
78) Pyrene	19.53	202	5737739	55.024	ng	99
80) Butylbenzylphthalate	20.44	149	2850411	59.979	ng	98
81) Benzo(a)anthracene	21.29	228	5417998	51.768	ng	100
82) 3,3'-Dichlorobenzidine	21.23	252	128145	3.098	ng	98
83) Chrysene	21.34	228	5045150	50.293	ng	99
84) Bis(2-ethylhexyl)phthalate	21.21	149	4097769	58.913	ng	99
85) Di-n-octyl phthalate	22.09	149	6854629	58.635	ng	100
86) Indeno(1,2,3-cd)pyrene	25.84	276	4706044	40.633	ng	100
88) Benzo(b)fluoranthene	22.88	252	4765293	54.905	ng	99
89) Benzo(k)fluoranthene	22.92	252	4764405	55.140	ng	100
90) Benzo(a)pyrene	23.46	252	4423666	53.803	ng	98
91) Dibenzo(a,h)anthracene	25.86	278	4043551	49.640	ng	99
92) Benzo(g,h,i)perylene	26.54	276	3700116	48.791	ng	99

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

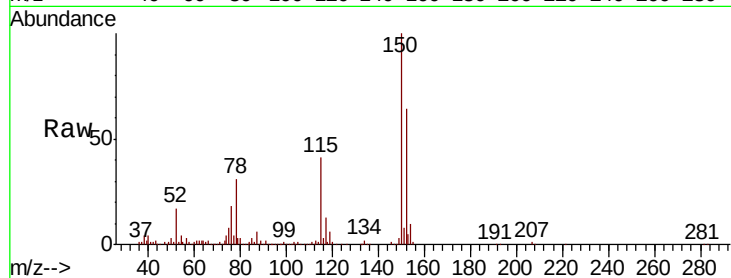


#1

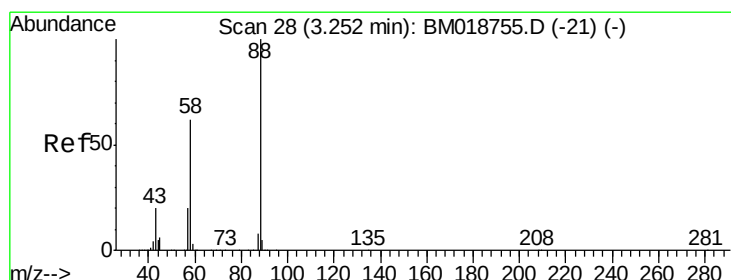
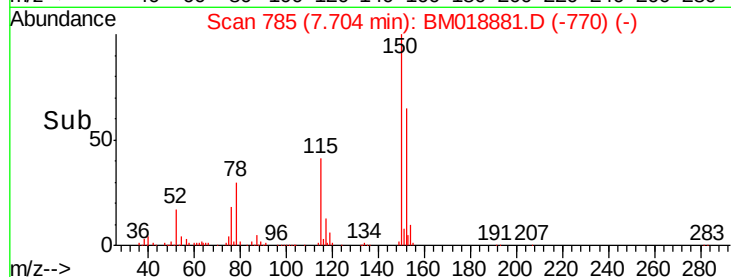
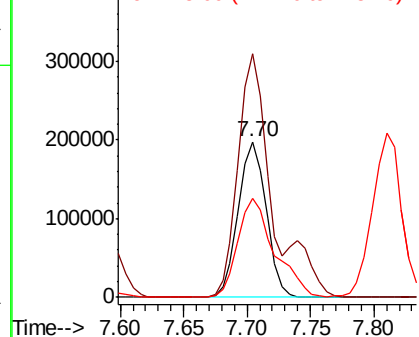
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BM018881.D
Acq: 20 Feb 2019 13:15

Instrument :
BNA_M
ClientSampleId :
MW-1MSD

Tot Ion:152 Resp: 301771
Ion Ratio Lower Upper
152 100
150 156.4 127.3 190.9
115 63.6 50.8 76.2



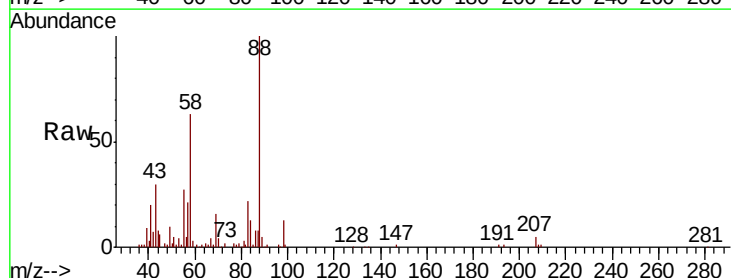
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



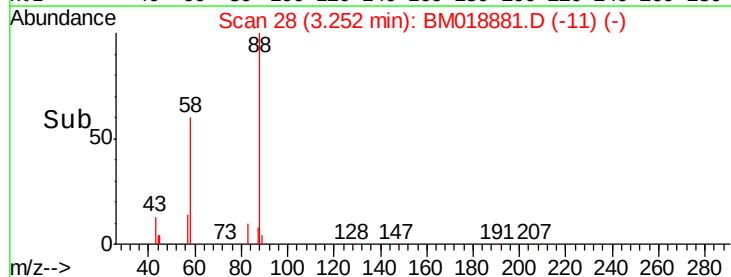
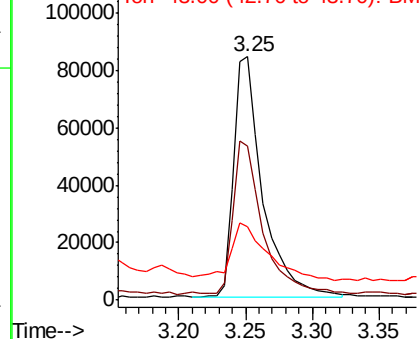
#2

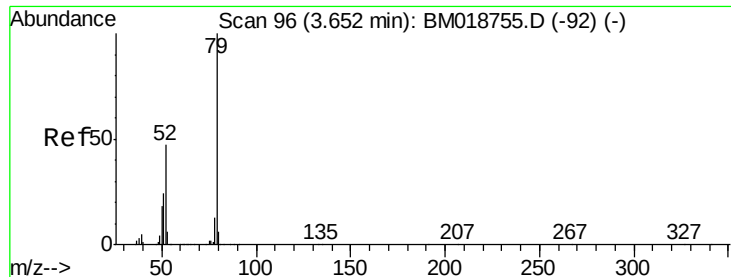
1,4-Dioxane
Concen: 15.823 ng
RT: 3.25 min Scan# 28
Delta R.T. -0.00 min
Lab File: BM018881.D
Acq: 20 Feb 2019 13:15

Tgt Ion: 88 Resp: 126931
Ion Ratio Lower Upper
88 100
58 65.2 49.8 74.6
43 30.9 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

Pvridine

Concen: 11.792 ng

RT: 3.66 min Scan# 97

Delta R.T. 0.01 min

Lab File: BM018881.D

Acq: 20 Feb 2019 13:15

Instrument :

BNA_M

ClientSampleId :

MW-1MSD

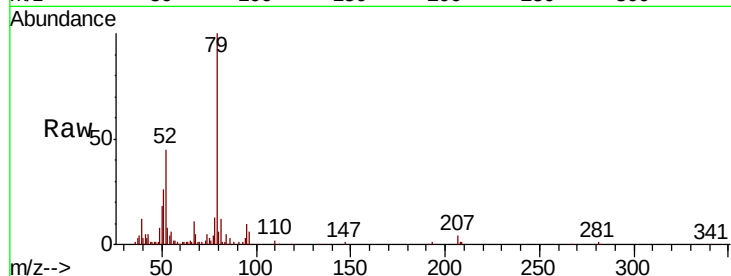
Tot Ion: 79 Resp: 258020

Ion Ratio Lower Upper

79 100

52 45.1 37.6 56.4

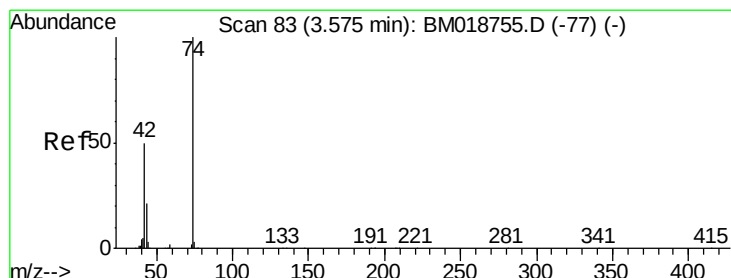
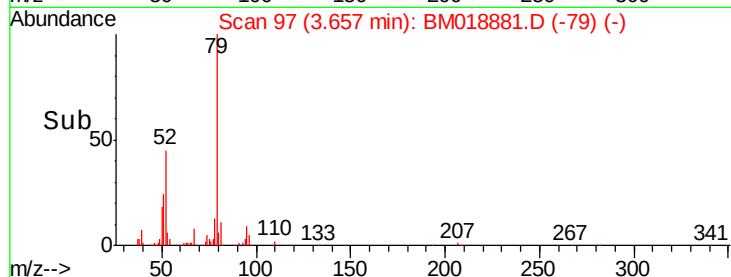
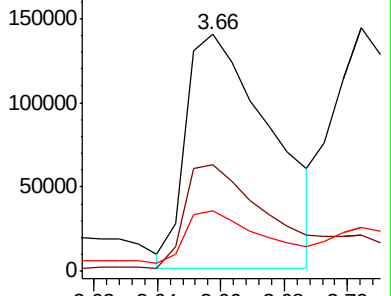
51 25.5 19.7 29.5



Abundance Ion 79.00 (78.70 to 79.70): BM018755.D (-92) (-)

Ion 52.00 (51.70 to 52.70): BM018755.D (-92) (-)

Ion 51.00 (50.70 to 51.70): BM018755.D (-92) (-)



#4

n-Nitrosodimethylamine

Concen: 20.186 ng

RT: 3.58 min Scan# 83

Delta R.T. -0.00 min

Lab File: BM018881.D

Acq: 20 Feb 2019 13:15

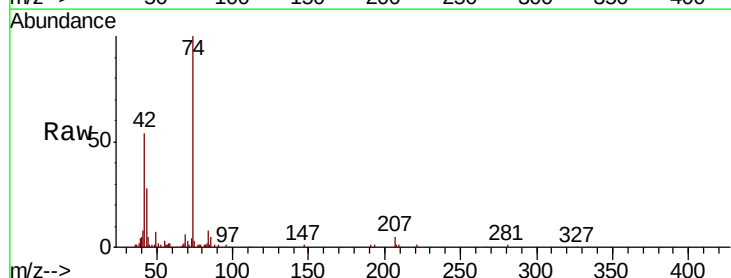
Tgt Ion: 42 Resp: 112364

Ion Ratio Lower Upper

42 100

74 186.7 158.1 237.1

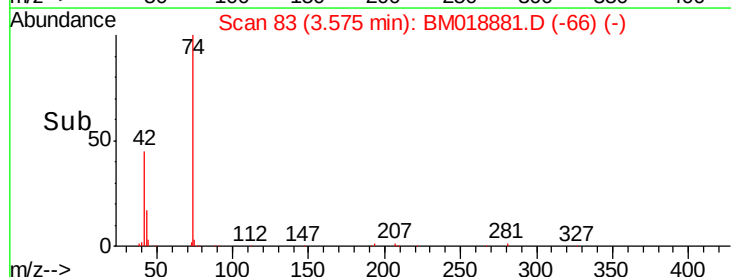
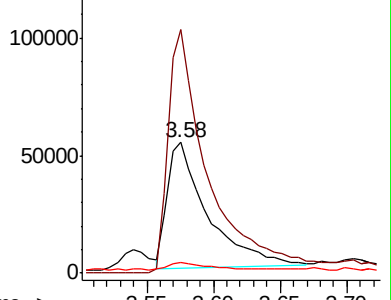
44 8.6 4.9 7.3#

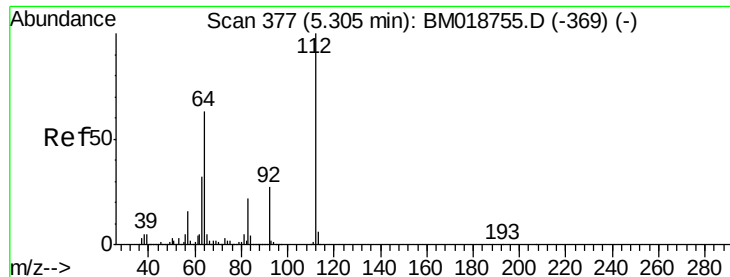


Abundance Ion 42.00 (41.70 to 42.70): BM018755.D (-77) (-)

Ion 74.00 (73.70 to 74.70): BM018755.D (-77) (-)

Ion 44.00 (43.70 to 44.70): BM018755.D (-77) (-)





#5

2-Fluorophenol

Concen: 61.983 ng

RT: 5.31 min Scan# 378

Delta R.T. 0.01 min

Lab File: BM018881.D

Acq: 20 Feb 2019 13:15

Instrument :

BNA_M

ClientSampleId :

MW-1MSD

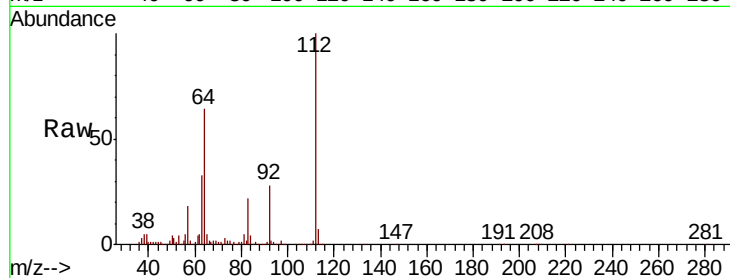
Tot Ion:112 Resp: 1141594

Ion Ratio Lower Upper

112 100

64 64.4 50.6 75.8

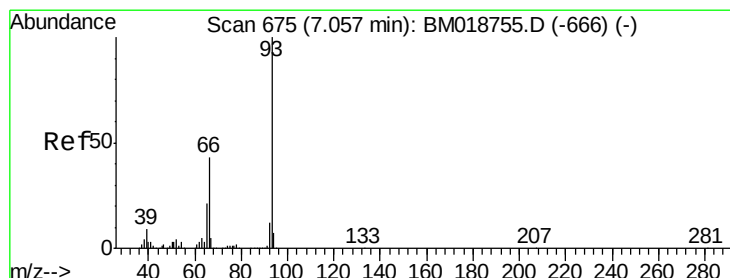
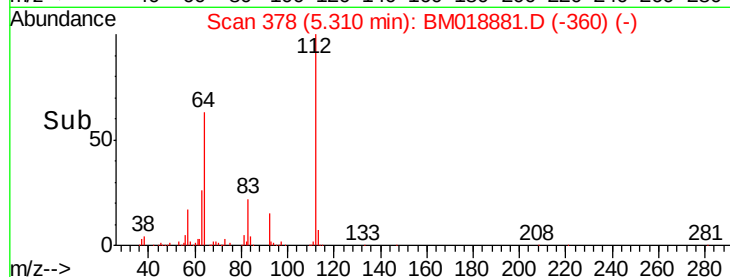
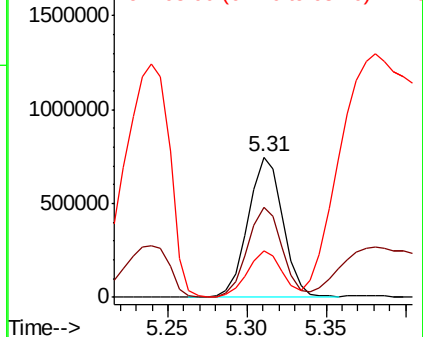
63 32.9 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 30.286 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.01 min

Lab File: BM018881.D

Acq: 20 Feb 2019 13:15

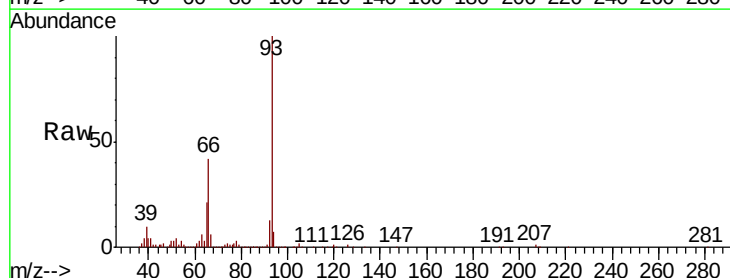
Tgt Ion: 93 Resp: 962801

Ion Ratio Lower Upper

93 100

66 42.2 34.1 51.1

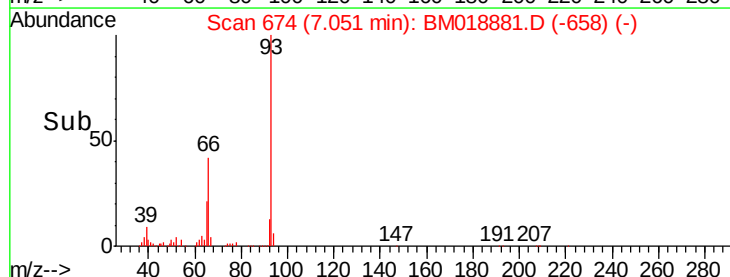
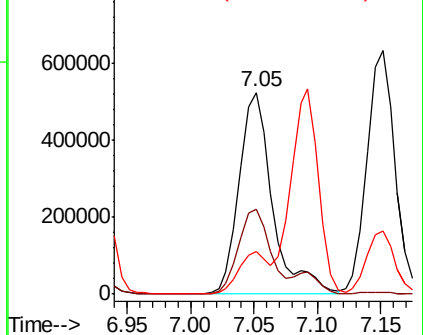
65 21.2 16.6 24.8

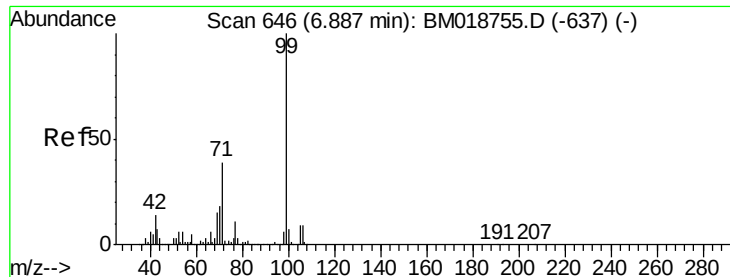


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 38.318 ng

RT: 6.88 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM018881.D

Acq: 20 Feb 2019 13:15

Instrument :

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ClientSampleId :

MW-1MSD

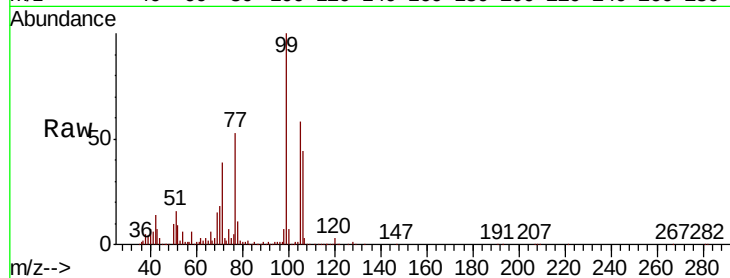
Tot Ion: 99 Resp: 994197

Ion Ratio Lower Upper

99 100

42 13.9 11.0 16.6

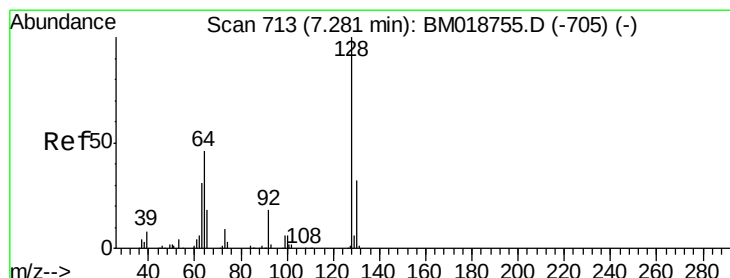
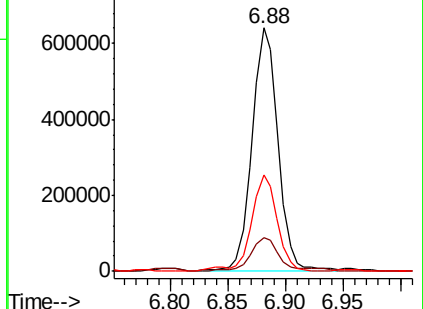
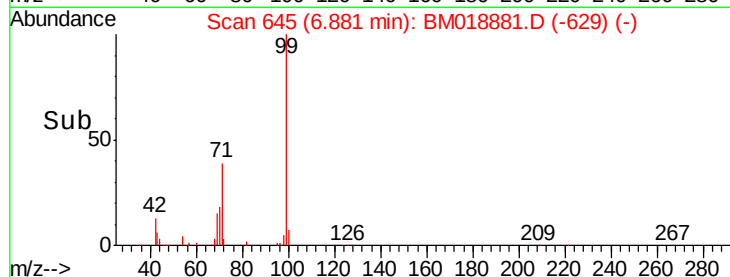
71 39.4 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018881.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM018881.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM018881.D (-629) (-)



#8

2-Chlorophenol

Concen: 38.296 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BM018881.D

Acq: 20 Feb 2019 13:15

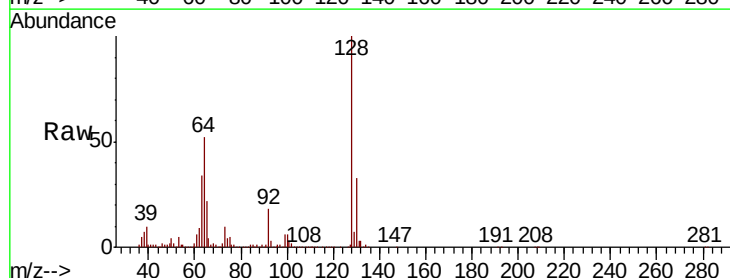
Tgt Ion: 128 Resp: 774386

Ion Ratio Lower Upper

128 100

130 33.0 11.7 51.7

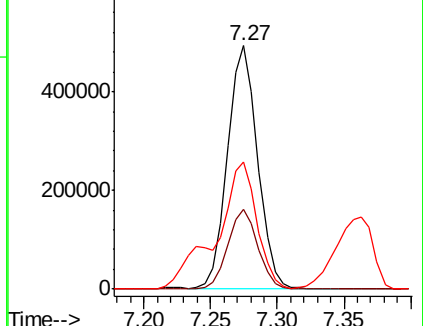
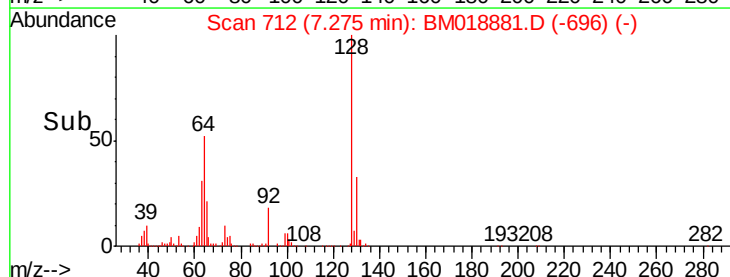
64 52.3 31.0 71.0

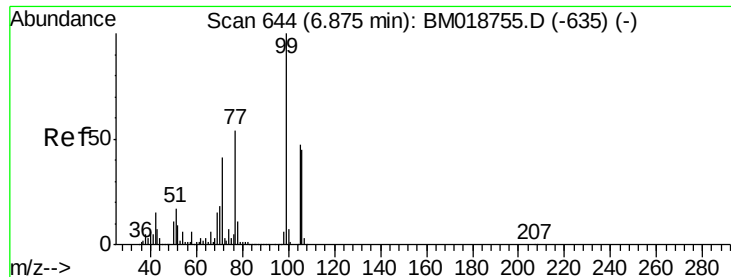


Abundance Ion 128.00 (127.70 to 128.70): BM018881.D (-696) (-)

Ion 130.00 (129.70 to 130.70): BM018881.D (-696) (-)

Ion 64.00 (63.70 to 64.70): BM018881.D (-696) (-)





#9

Benzaldehyde

Concen: Below Cal

RT: 6.86 min Scan# 641

Delta R.T. -0.02 min

Lab File: BM018881.D

Acq: 20 Feb 2019 13:15

Instrument :

BNA_M

ClientSampled :

MW-1MSD

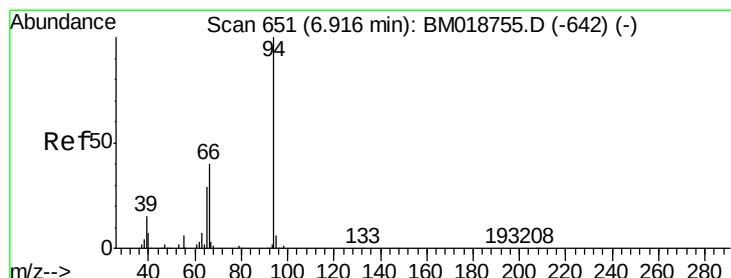
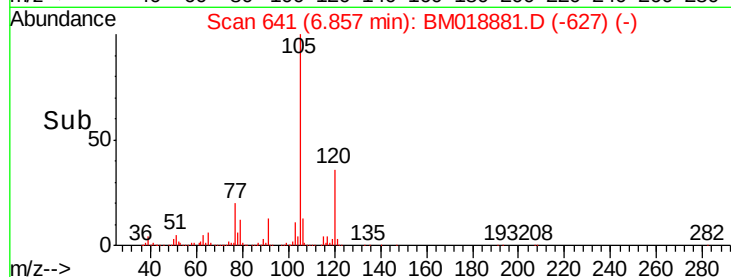
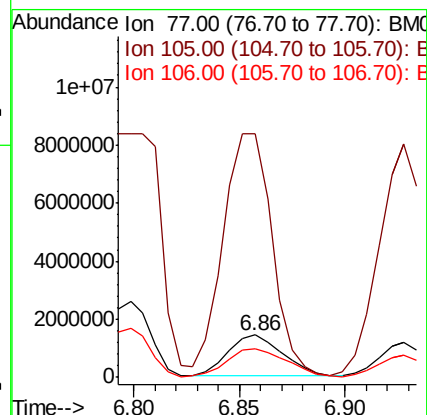
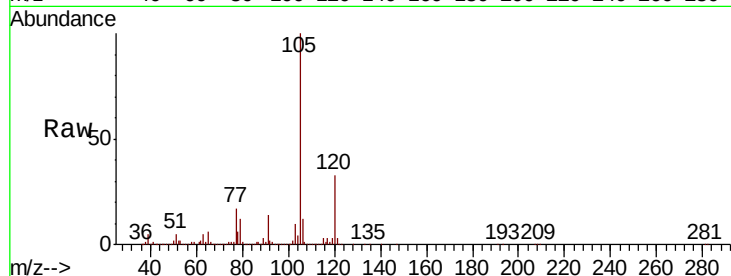
Tot Ion: 77 Resp: 2502399

Ion Ratio Lower Upper

77 100

105 576.5 67.3 107.3#

106 67.5 62.9 102.9



#10

Phenol

Concen: 14.266 ng

RT: 6.91 min Scan# 650

Delta R.T. -0.01 min

Lab File: BM018881.D

Acq: 20 Feb 2019 13:15

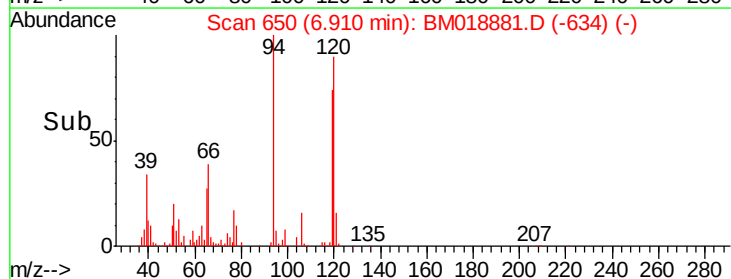
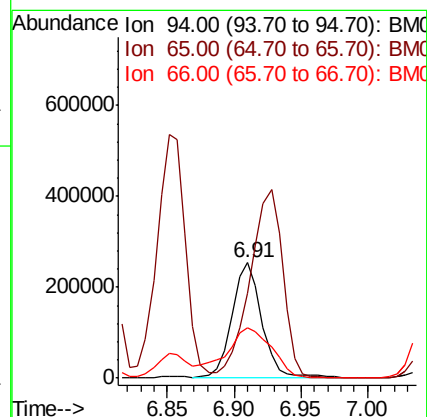
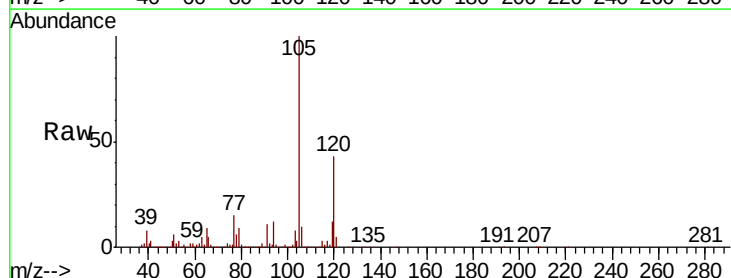
Tgt Ion: 94 Resp: 389462

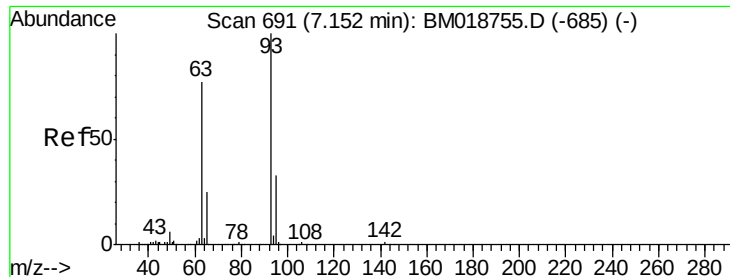
Ion Ratio Lower Upper

94 100

65 73.6 9.6 49.6#

66 43.7 20.4 60.4

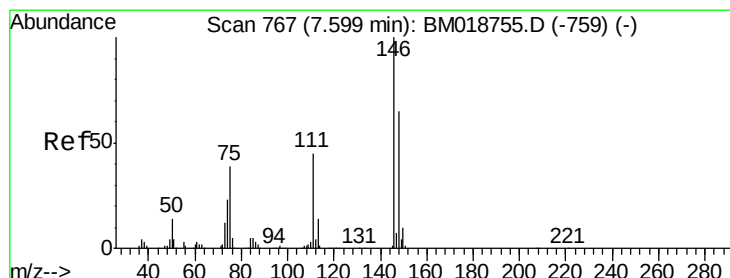
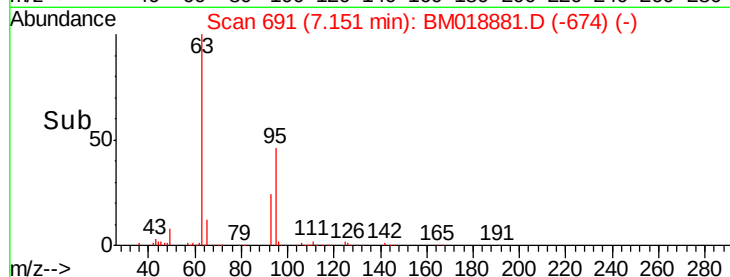
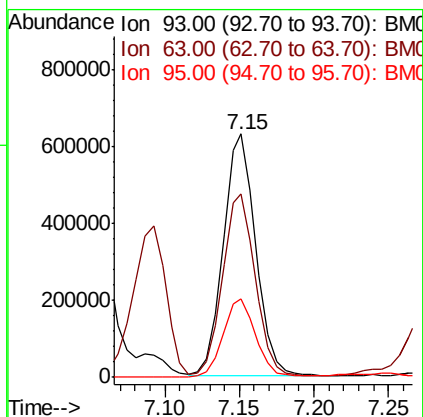
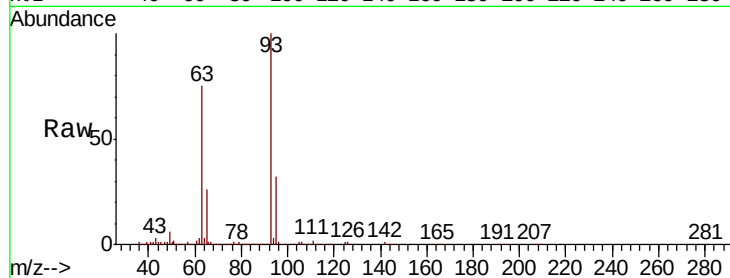




#11
bis(2-Chloroethyl)ether
Concen: 45.635 ng
RT: 7.15 min Scan# 691
Delta R.T. -0.00 min
Lab File: BM018881.D
Acq: 20 Feb 2019 13:15

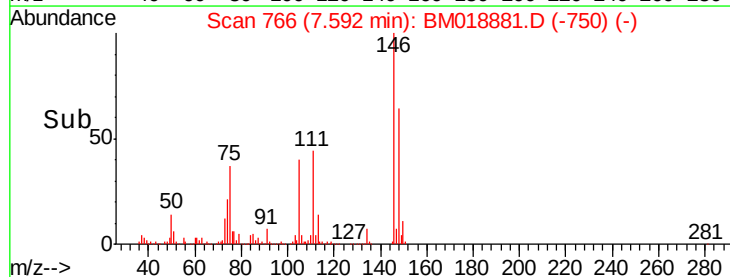
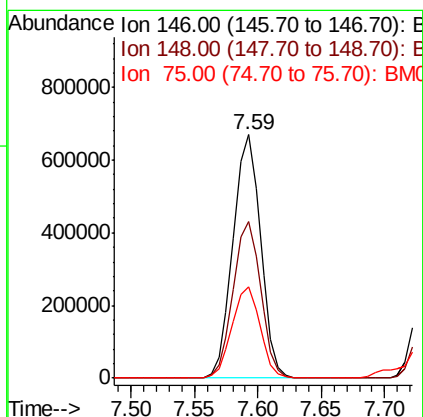
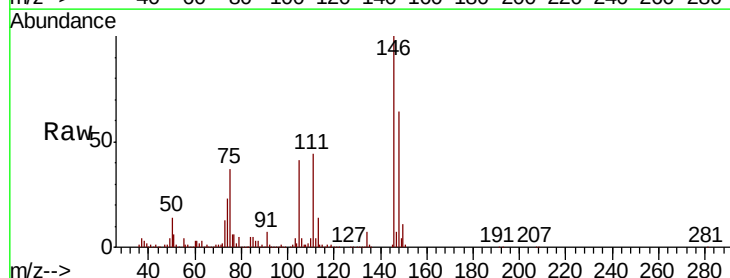
Instrument :
BNA_M
ClientSampleId :
MW-1MSD

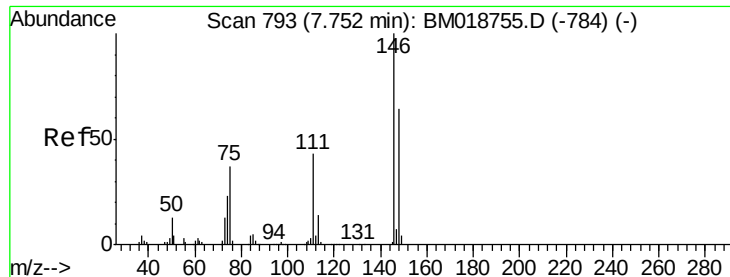
Tot Ion	Ratio	Lower	Upper
93	100		
63	75.2	57.0	97.0
95	32.3	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 44.398 ng
RT: 7.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BM018881.D
Acq: 20 Feb 2019 13:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.7	77.5
75	37.4	31.3	46.9

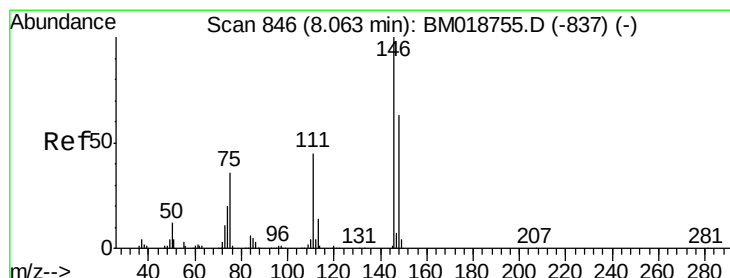
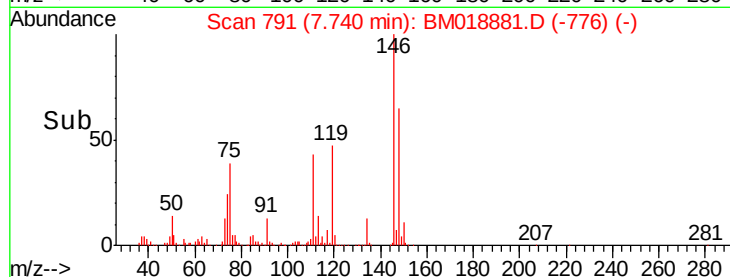
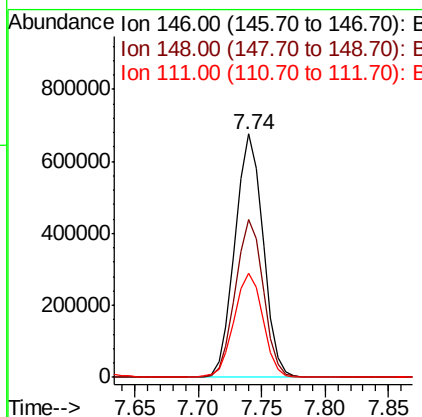
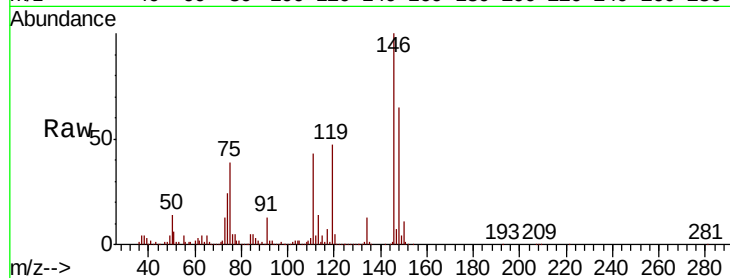




#13
 1,4-Dichlorobenzene
 Concen: 44.870 ng
 RT: 7.74 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BM018881.D
 Acq: 20 Feb 2019 13:15

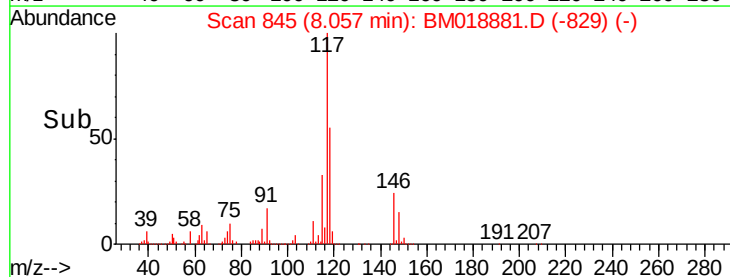
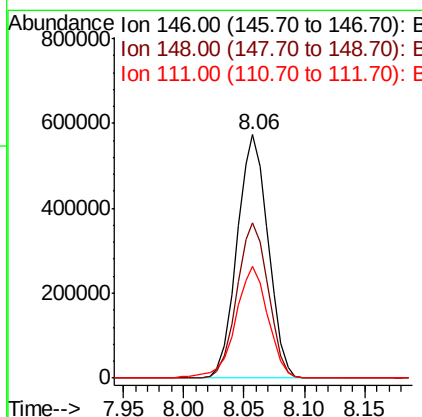
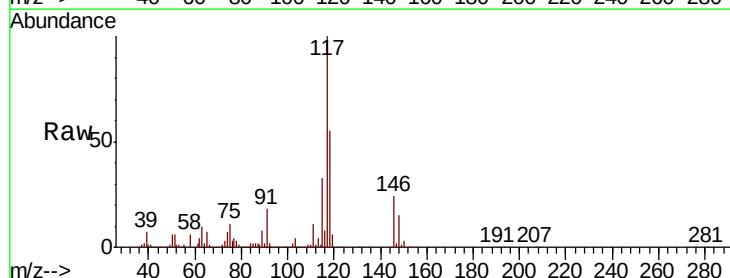
Instrument :
 BNA_M
 ClientSampleId :
 MW-1MSD

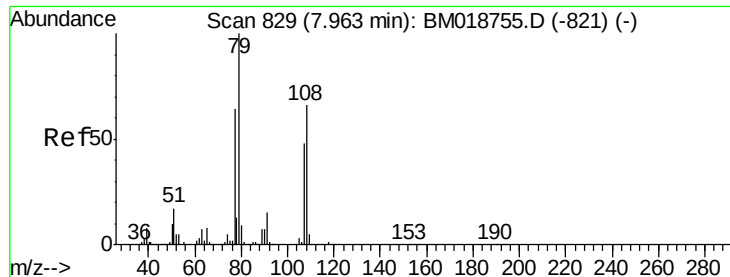
Tot Ion:146 Resp: 1038660
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.4 77.2
 111 43.0 34.6 52.0



#14
 1,2-Dichlorobenzene
 Concen: 46.105 ng
 RT: 8.06 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BM018881.D
 Acq: 20 Feb 2019 13:15

Tgt Ion:146 Resp: 1025134
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.7 76.1
 111 45.7 35.9 53.9





#15

Benzyl Alcohol

Concen: 29.219 ng

RT: 7.96 min Scan# 828

Delta R.T. -0.01 min

Lab File: BM018881.D

Acq: 20 Feb 2019 13:15

Instrument :

BNA_M

ClientSampleId :

MW-1MSD

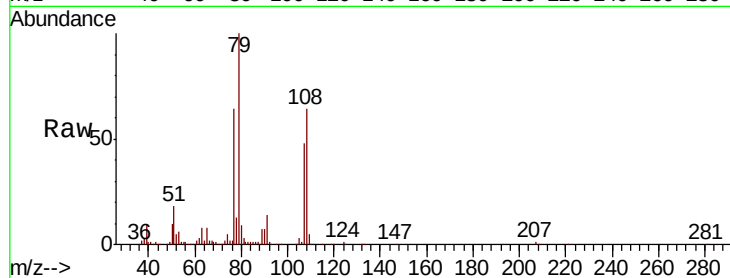
Tot Ion: 79 Resp: 602394

Ion Ratio Lower Upper

79 100

108 63.7 52.7 79.1

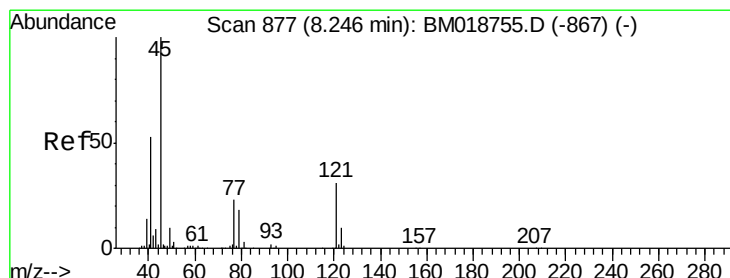
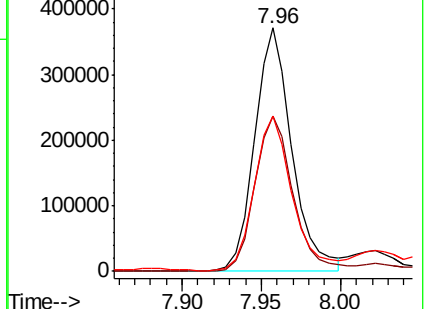
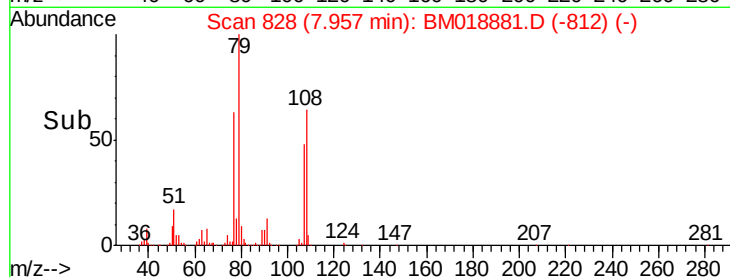
77 63.6 51.0 76.4



Abundance Ion 79.00 (78.70 to 79.70): BM018881.D (-812) (-)

Ion 108.00 (107.70 to 108.70): BM018881.D (-812) (-)

Ion 77.00 (76.70 to 77.70): BM018881.D (-812) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.911 ng

RT: 8.23 min Scan# 875

Delta R.T. -0.01 min

Lab File: BM018881.D

Acq: 20 Feb 2019 13:15

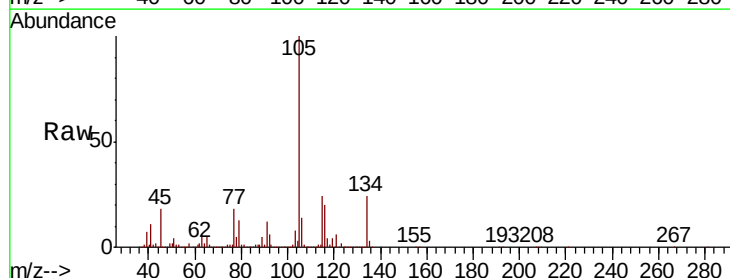
Tgt Ion: 45 Resp: 945546

Ion Ratio Lower Upper

45 100

77 100.3 5.0 45.0#

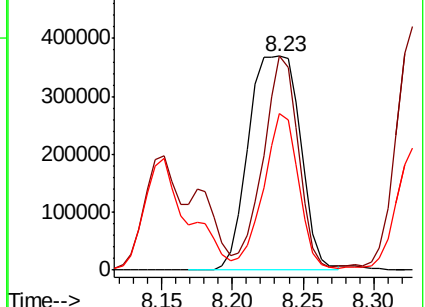
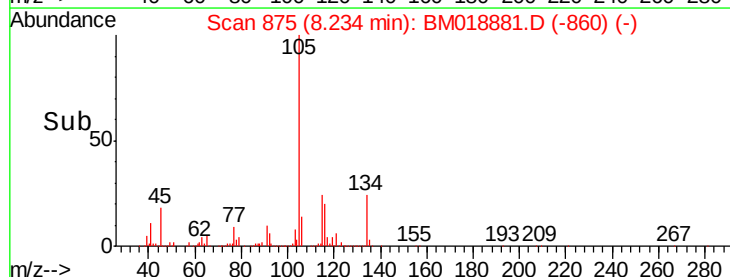
79 72.9 0.0 39.3#

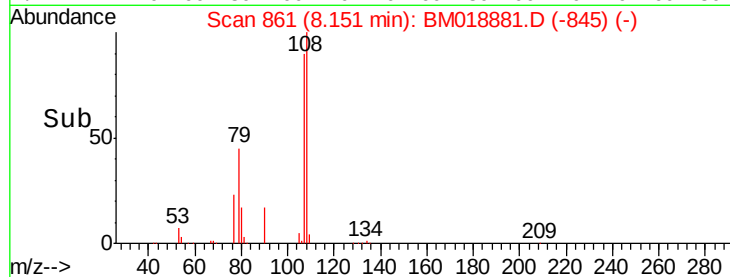
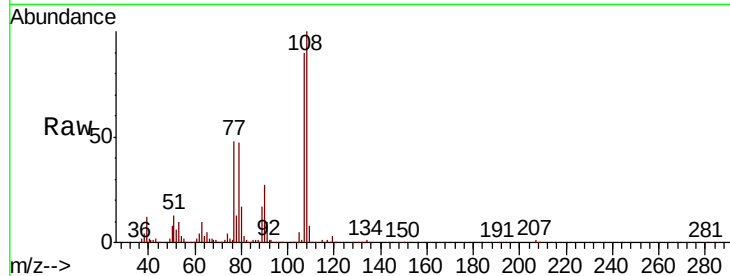
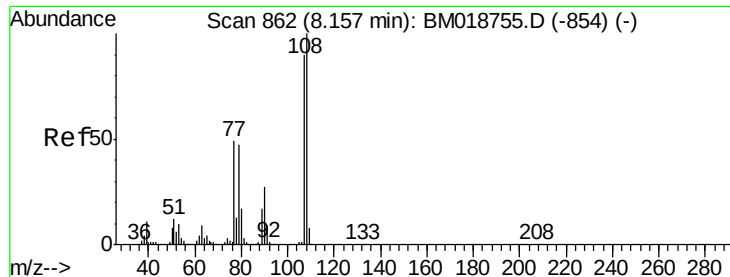


Abundance Ion 45.00 (44.70 to 45.70): BM018881.D (-860) (-)

Ion 77.00 (76.70 to 77.70): BM018881.D (-860) (-)

Ion 79.00 (78.70 to 79.70): BM018881.D (-860) (-)

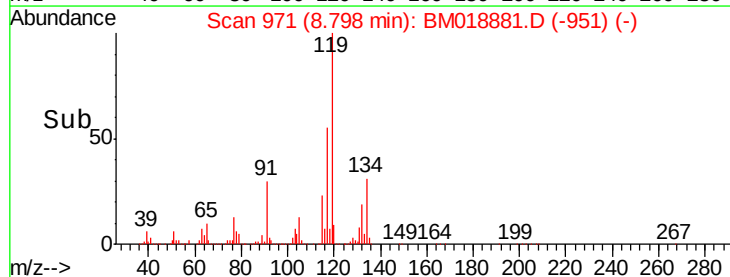
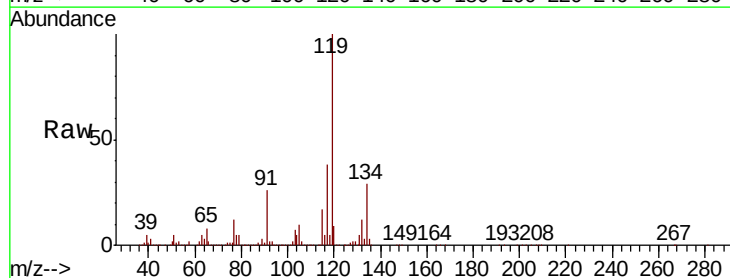
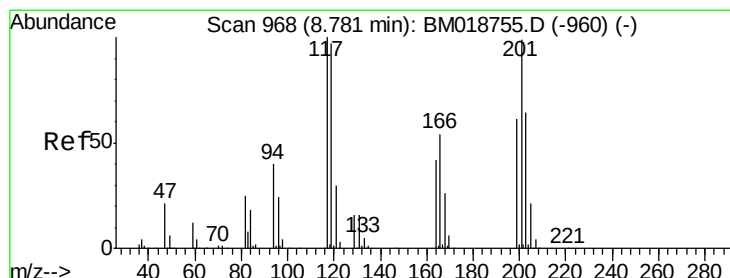
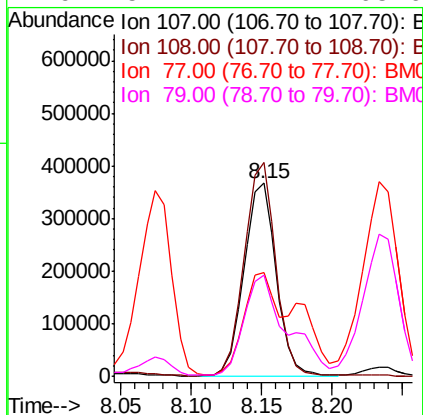




#17
2-Methylphenol
Concen: 33.646 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BM018881.D
Acq: 20 Feb 2019 13:15

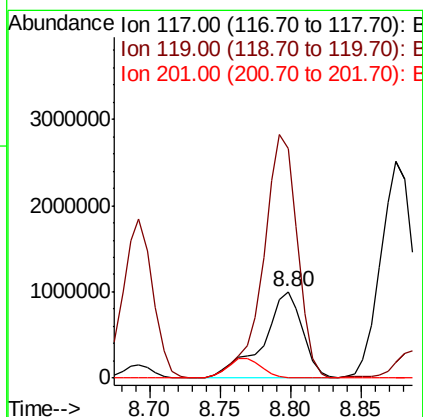
Instrument :
BNA_M
ClientSampleId :
MW-1MSD

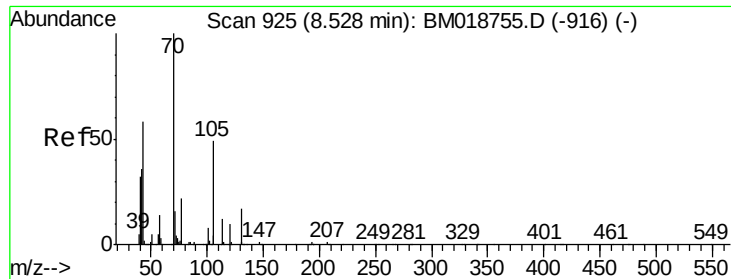
Tot Ion	Ratio	Lower	Upper
107	100		
108	110.8	88.8	133.2
77	53.6	44.0	66.0
79	52.4	42.4	63.6



#18
Hexachloroethane
Concen: 229.810 ng
RT: 8.80 min Scan# 971
Delta R.T. 0.02 min
Lab File: BM018881.D
Acq: 20 Feb 2019 13:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	265.9	77.9	116.9#
201	0.3	79.2	118.8#

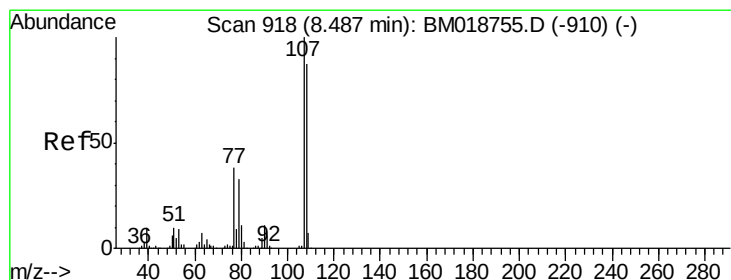
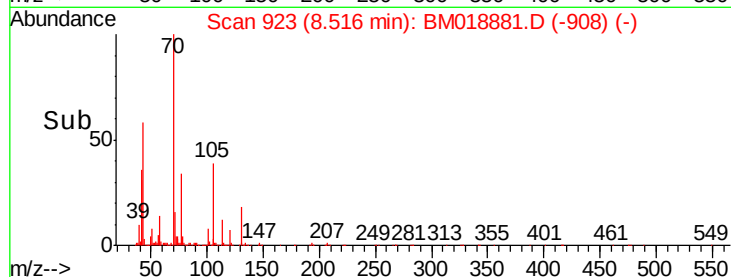
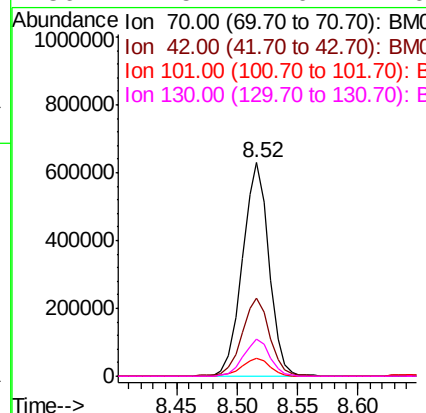
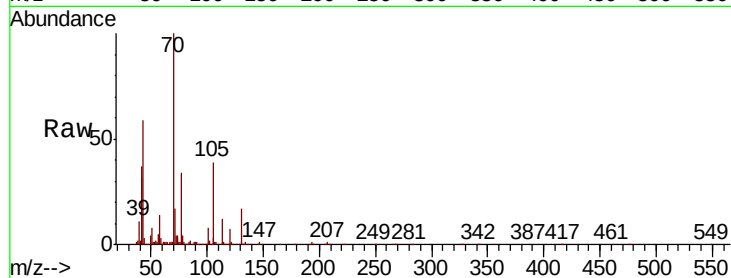




#19
n-Nitroso-di-n-propylamine
Concen: 47.701 ng
RT: 8.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BM018881.D
Acq: 20 Feb 2019 13:15

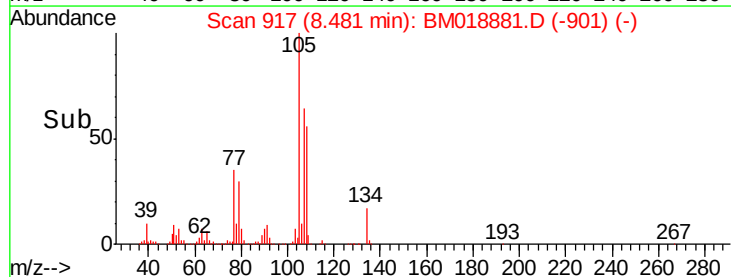
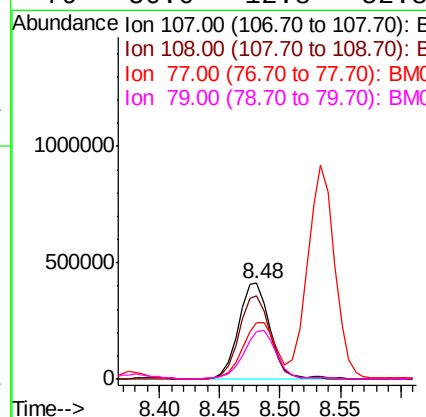
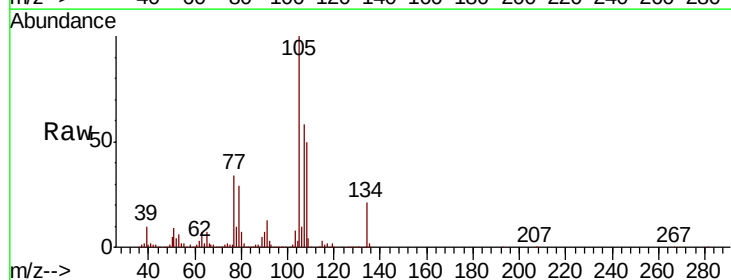
Instrument :
BNA_M
ClientSampleId :
MW-1MSD

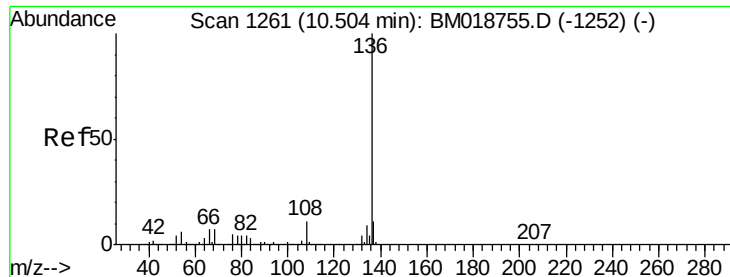
Tot Ion:	70	Resp:	958289
Ion	Ratio	Lower	Upper
70	100		
42	36.6	29.4	44.0
101	8.5	6.7	10.1
130	17.5	14.0	21.0



#20
3+4-Methylphenols
Concen: 31.385 ng
RT: 8.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BM018881.D
Acq: 20 Feb 2019 13:15

Tgt Ion:	107	Resp:	753052
Ion	Ratio	Lower	Upper
107	100		
108	86.5	67.3	107.3
77	58.6	18.0	58.0#
79	50.0	12.8	52.8

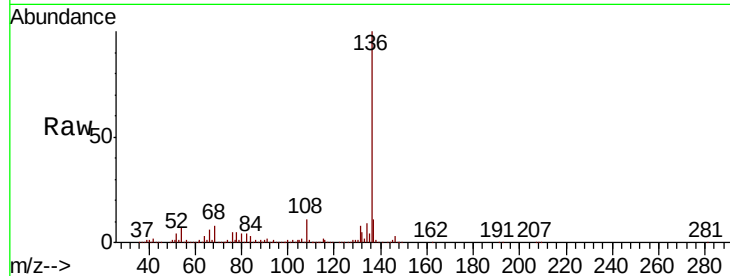




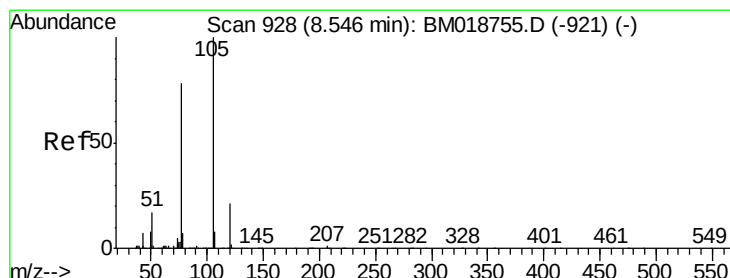
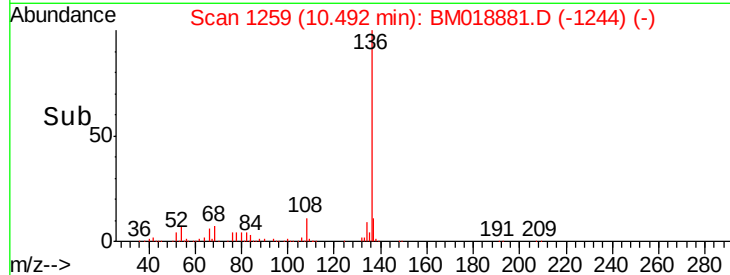
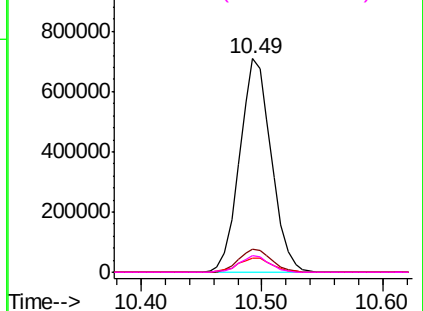
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BM018881.D
Acq: 20 Feb 2019 13:15

Instrument :
BNA_M
ClientSampleId :
MW-1MSD

Tot Ion:136	Resp: 1290647
Ion Ratio	Lower Upper
136 100	
137 10.8	8.8 13.2
54 6.8	5.0 7.6
68 7.6	5.5 8.3

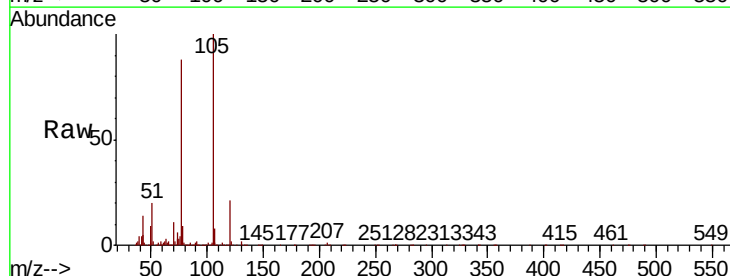


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

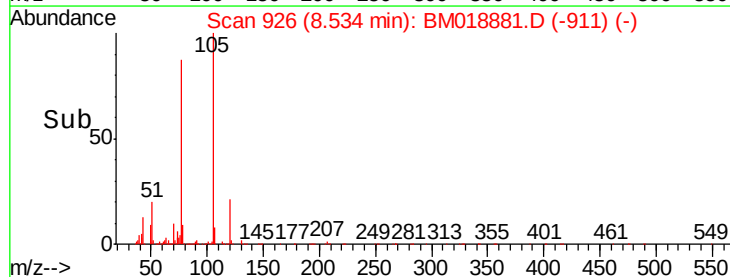
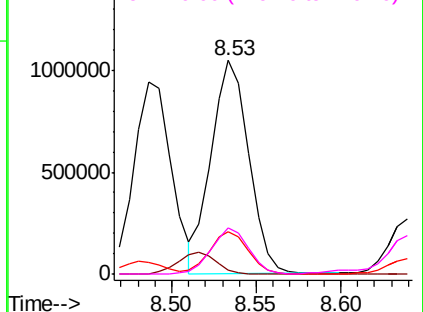


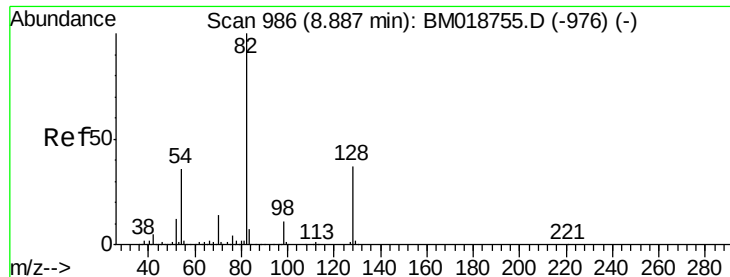
#22
Acetophenone
Concen: 45.897 ng
RT: 8.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BM018881.D
Acq: 20 Feb 2019 13:15

Tgt	Ion:105	Resp:	1626745
Ion	Ratio	Lower	Upper
105	100		
71	1.8	1.1	1.7#
51	19.9	15.5	23.3
120	21.3	17.0	25.4



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM0
Ion 51.00 (50.70 to 51.70): BM0
Ion 120.00 (119.70 to 120.70): E

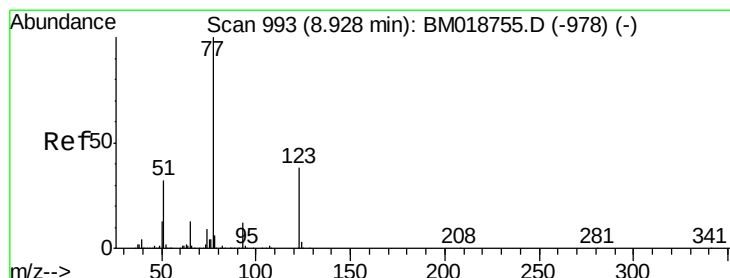
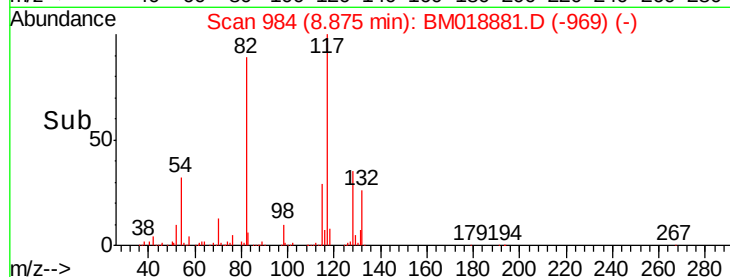
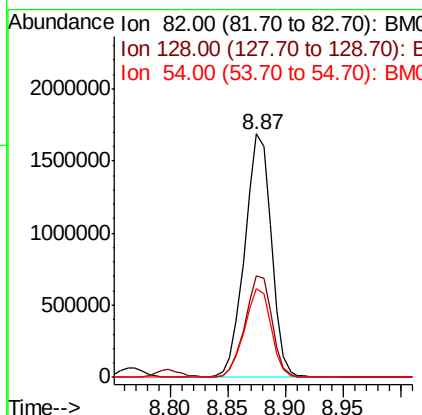
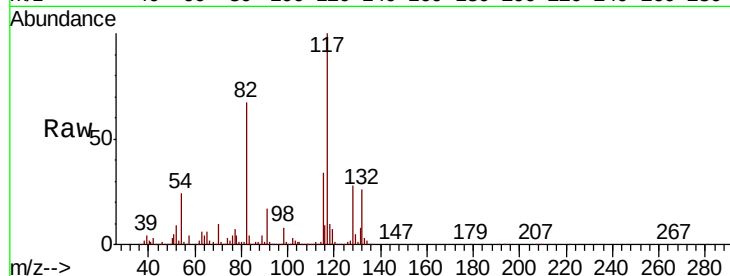




#23
 Nitrobenzene-d5
 Concen: 97.140 ng
 RT: 8.87 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BM018881.D
 Acq: 20 Feb 2019 13:15

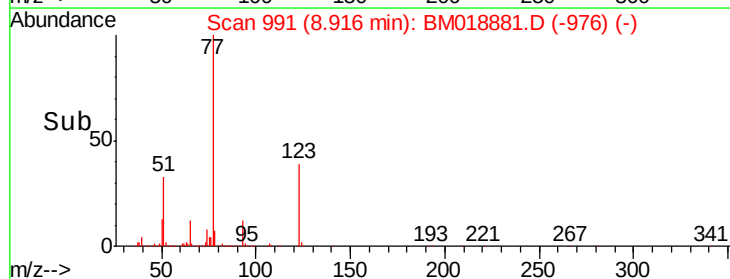
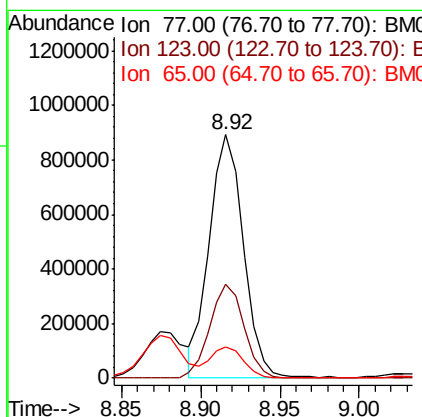
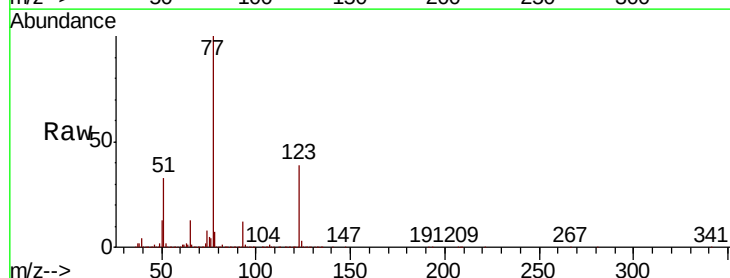
Instrument :
 BNA_M
 ClientSampled :
 MW-1MSD

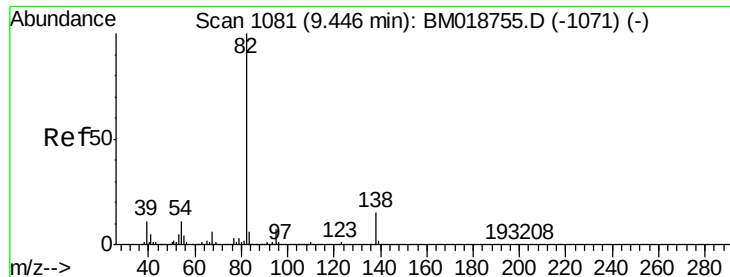
Tot Ion: 82 Resp: 2711437
 Ion Ratio Lower Upper
 82 100
 128 41.7 29.9 44.9
 54 36.4 29.1 43.7



#24
 Nitrobenzene
 Concen: 45.761 ng
 RT: 8.92 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BM018881.D
 Acq: 20 Feb 2019 13:15

Tgt Ion: 77 Resp: 1325844
 Ion Ratio Lower Upper
 77 100
 123 38.7 30.7 46.1
 65 12.8 10.5 15.7





#25

Isophorone

Concen: 55.279 ng

RT: 9.44 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BM018881.D

Acq: 20 Feb 2019 13:15

Instrument :

BNA_M

ClientSampleId :

MW-1MSD

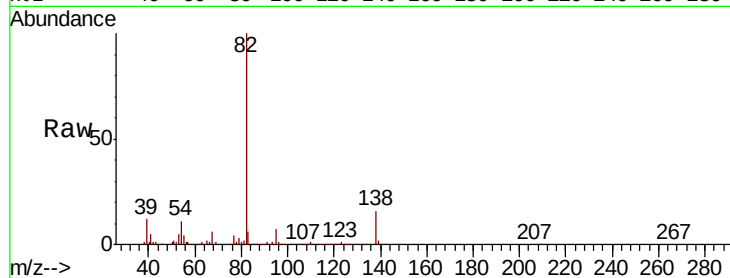
Tot Ion: 82 Resp: 2461988

Ion Ratio Lower Upper

82 100

95 6.8 5.7 8.5

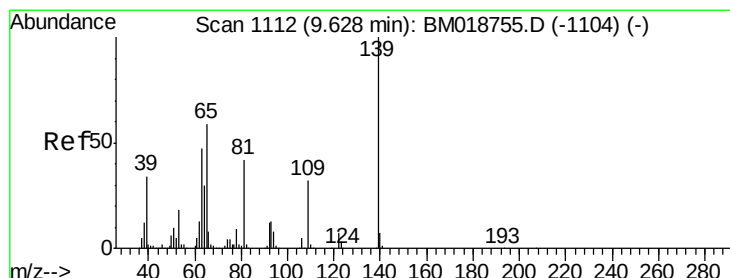
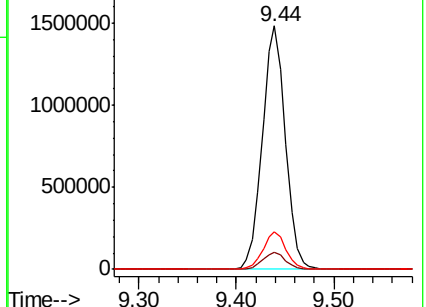
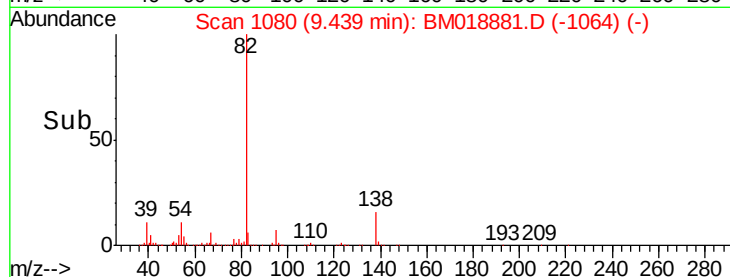
138 15.5 12.3 18.5



Abundance Ion 82.00 (81.70 to 82.70): BM018881.D (-1064) (-)

Ion 95.00 (94.70 to 95.70): BM018881.D (-1064) (-)

Ion 138.00 (137.70 to 138.70): BM018881.D (-1064) (-)



#26

2-Nitrophenol

Concen: 45.516 ng

RT: 9.62 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BM018881.D

Acq: 20 Feb 2019 13:15

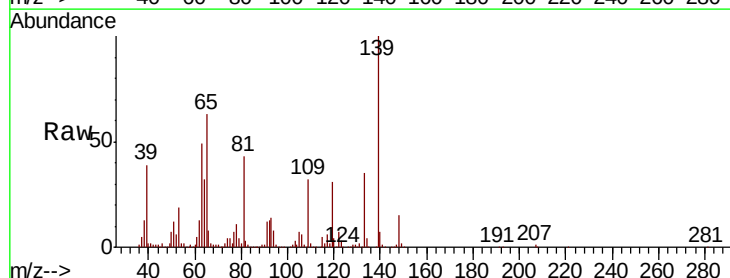
Tgt Ion: 139 Resp: 525176

Ion Ratio Lower Upper

139 100

109 31.6 25.2 37.8

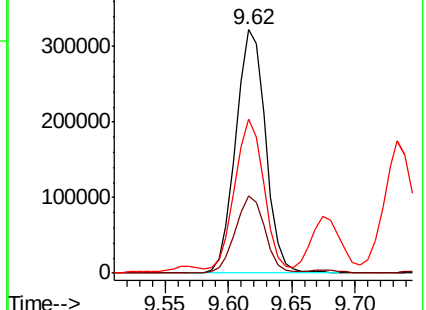
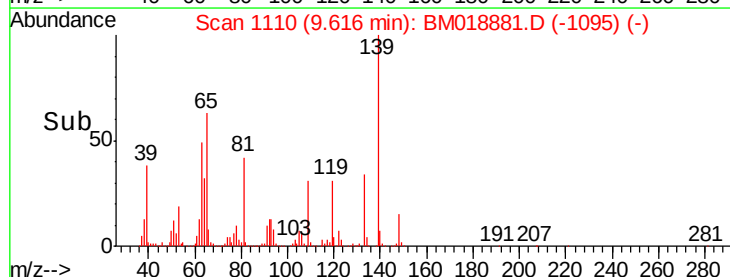
65 63.4 47.0 70.4

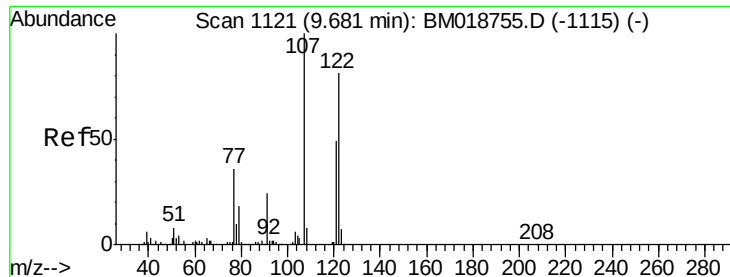


Abundance Ion 139.00 (138.70 to 139.70): BM018881.D (-1095) (-)

Ion 109.00 (108.70 to 109.70): BM018881.D (-1095) (-)

Ion 65.00 (64.70 to 65.70): BM018881.D (-1095) (-)

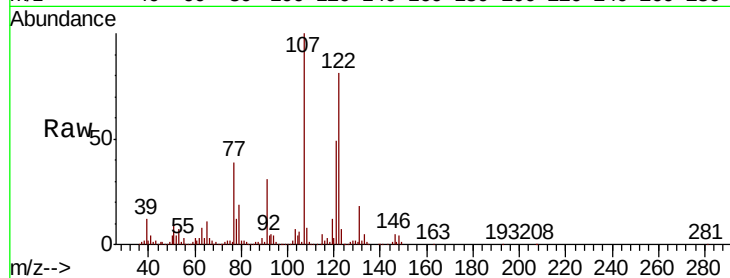




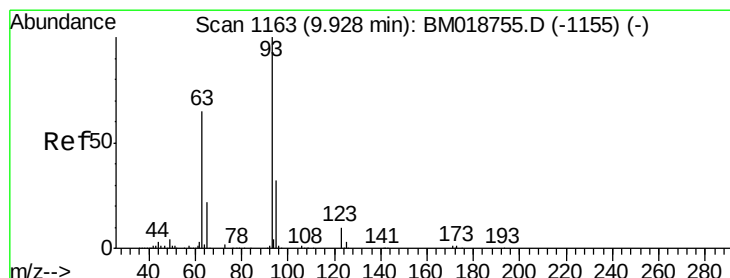
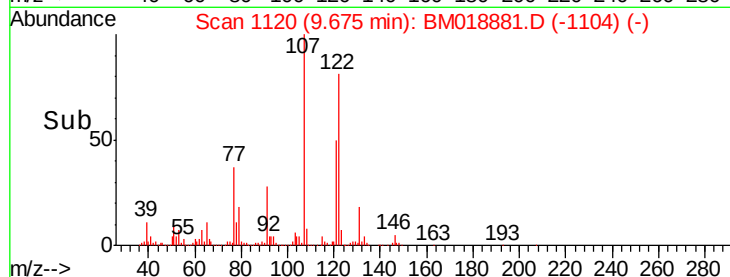
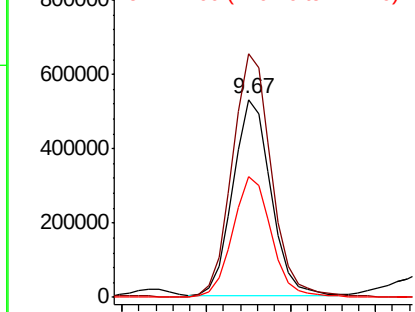
#27
 2,4-Dimethylphenol
 Concen: 49.326 ng
 RT: 9.67 min Scan# 1120
 Delta R.T. -0.01 min
 Lab File: BM018881.D
 Acq: 20 Feb 2019 13:15

Instrument :
 BNA_M
 ClientSampleId :
 MW-1MSD

Tot Ion:122 Resp: 831263
 Ion Ratio Lower Upper
 122 100
 107 122.9 97.6 146.4
 121 60.8 47.9 71.9

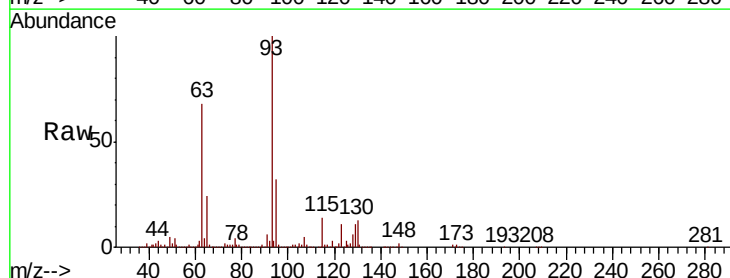


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

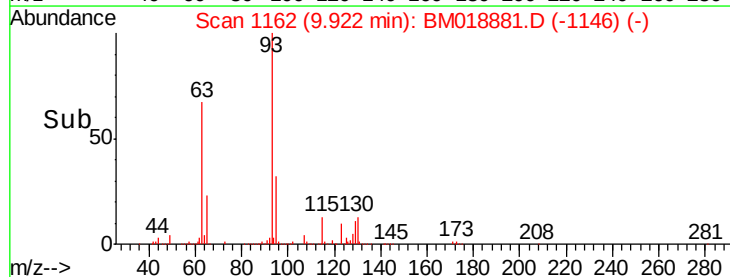
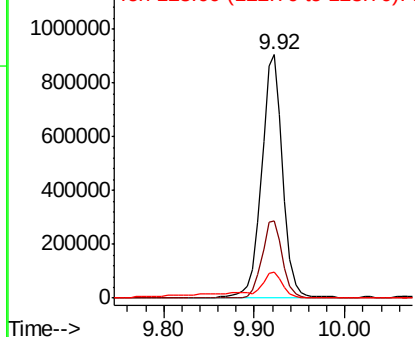


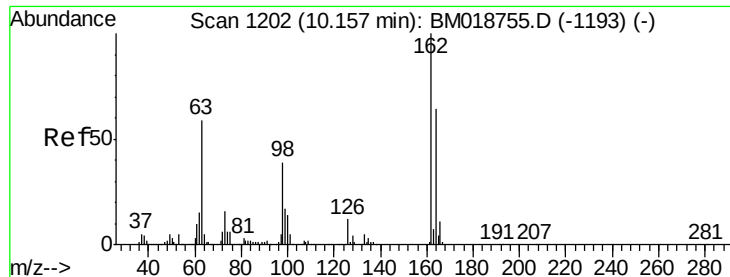
#28
 bis(2-Chloroethoxy)methane
 Concen: 49.890 ng
 RT: 9.92 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BM018881.D
 Acq: 20 Feb 2019 13:15

Tgt Ion: 93 Resp: 1436878
 Ion Ratio Lower Upper
 93 100
 95 31.8 25.6 38.4
 123 10.9 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

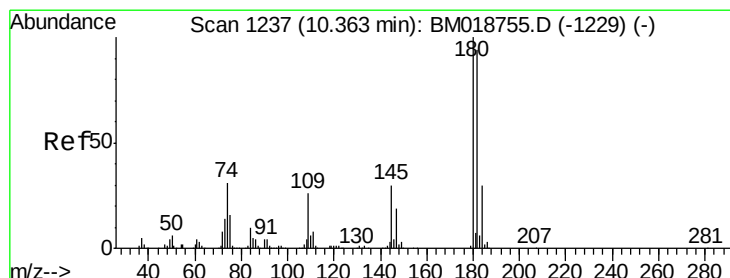
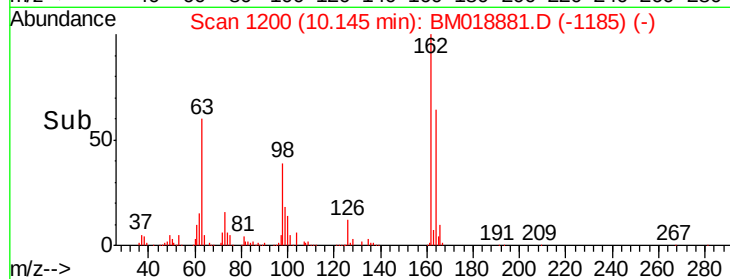
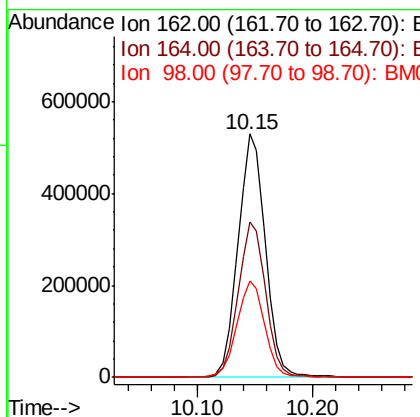
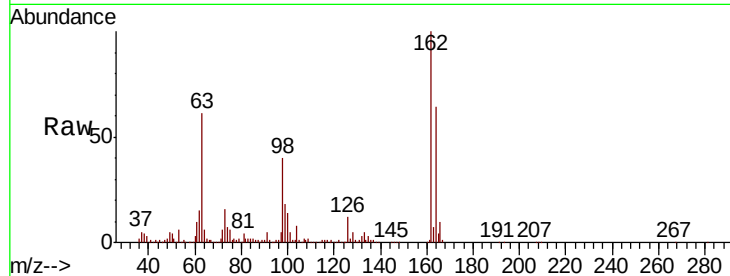




#29
2,4-Dichlorophenol
Concen: 45.009 ng
RT: 10.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BM018881.D
Acq: 20 Feb 2019 13:15

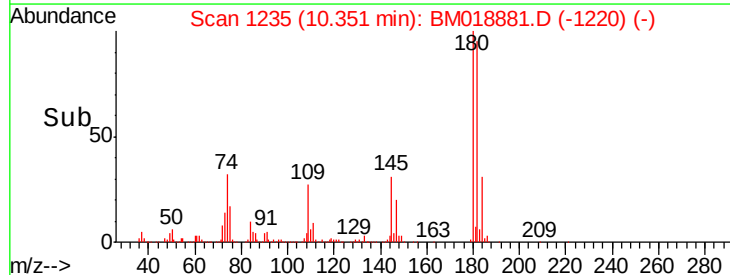
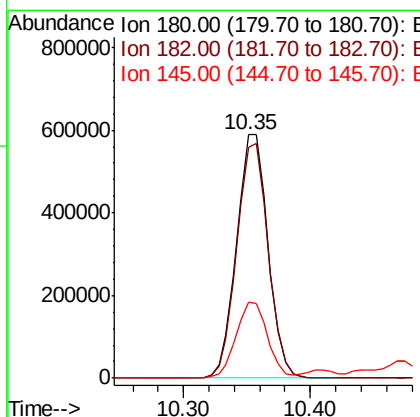
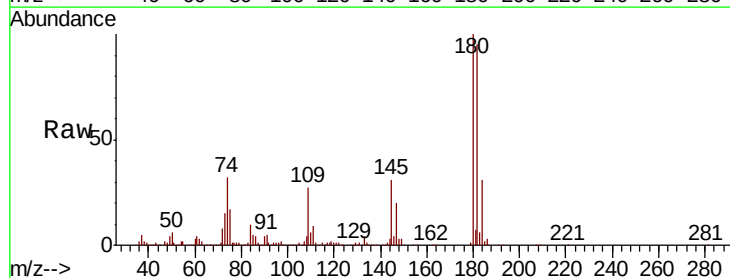
Instrument :
BNA_M
ClientSampleId :
MW-1MSD

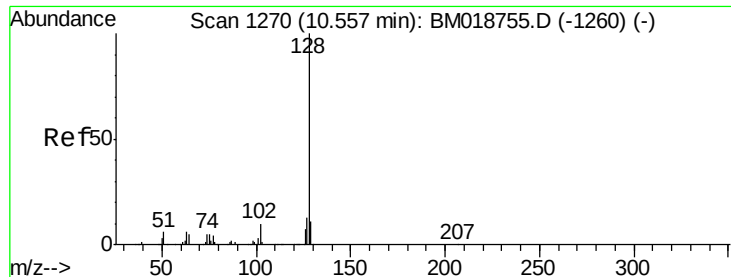
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	44.1	84.1
98	39.6	19.4	59.4



#30
1,2,4-Trichlorobenzene
Concen: 45.293 ng
RT: 10.35 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BM018881.D
Acq: 20 Feb 2019 13:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.0	112.6
145	31.0	24.1	36.1

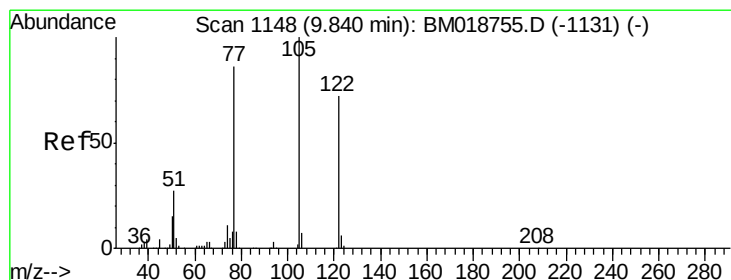
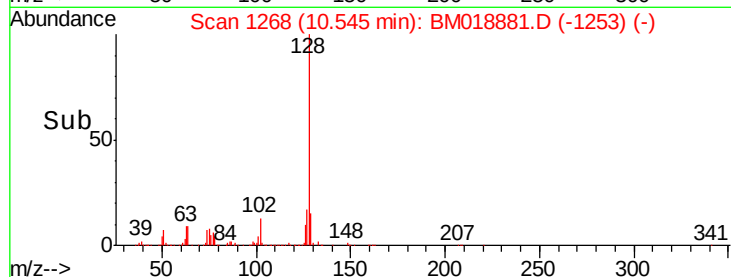
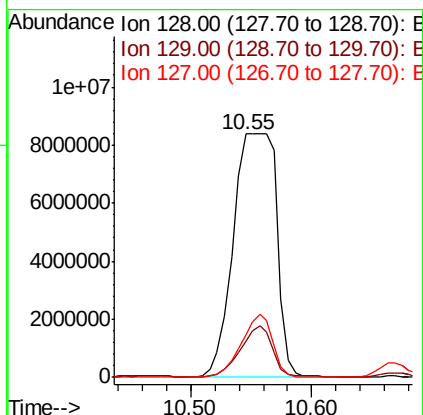
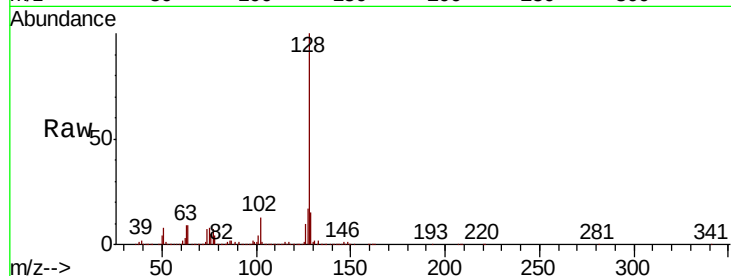




#31
Naphthalene
Concen: 332.859 ng
RT: 10.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM018881.D
Acq: 20 Feb 2019 13:15

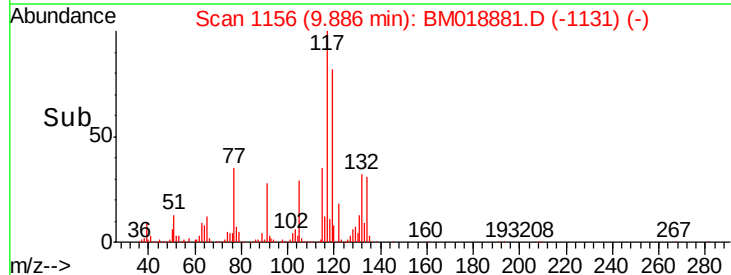
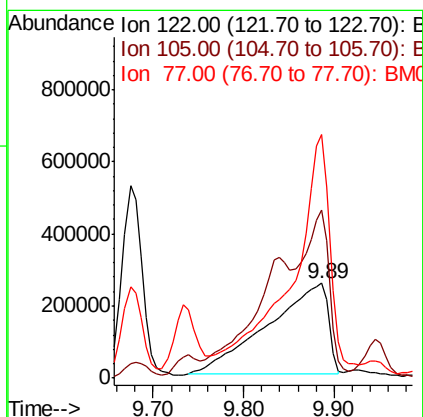
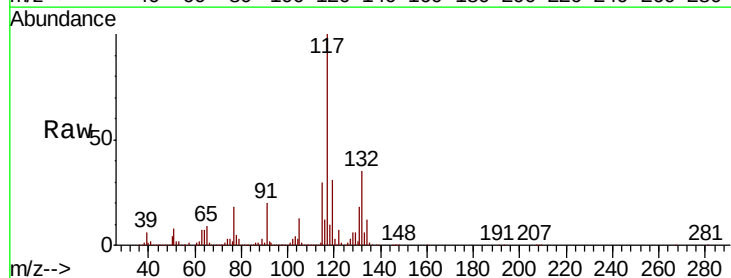
Instrument :
BNA_M
ClientSampleId :
MW-1MSD

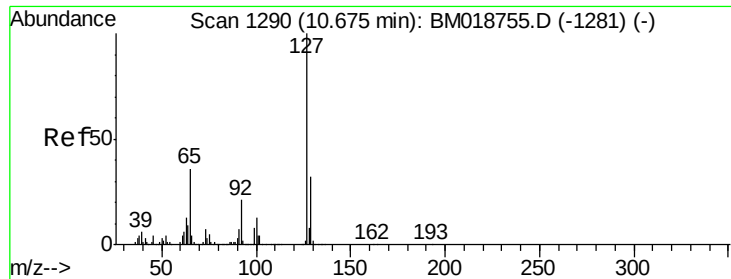
Tot Ion:128 Resp:20952115
Ion Ratio Lower Upper
128 100
129 15.1 9.0 13.4#
127 17.5 10.7 16.1#



#32
Benzoic acid
Concen: 78.970 ng
RT: 9.89 min Scan# 1156
Delta R.T. 0.05 min
Lab File: BM018881.D
Acq: 20 Feb 2019 13:15

Tgt Ion:122 Resp: 1160899
Ion Ratio Lower Upper
122 100
105 178.4 117.5 157.5#
77 257.5 98.5 138.5#

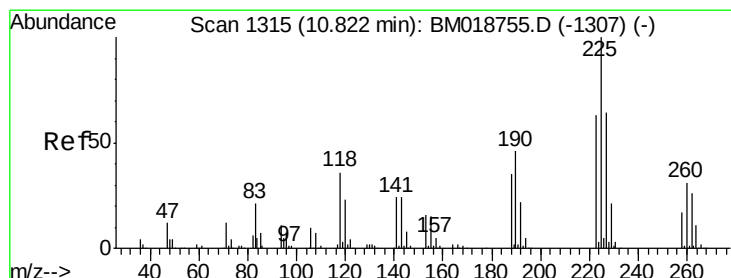
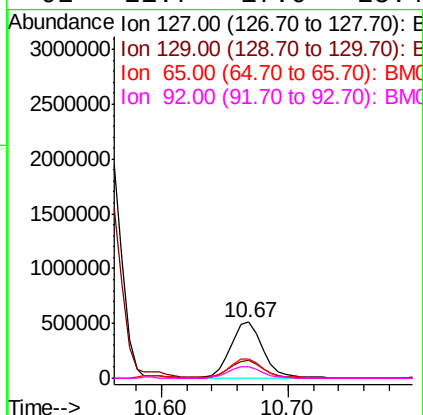
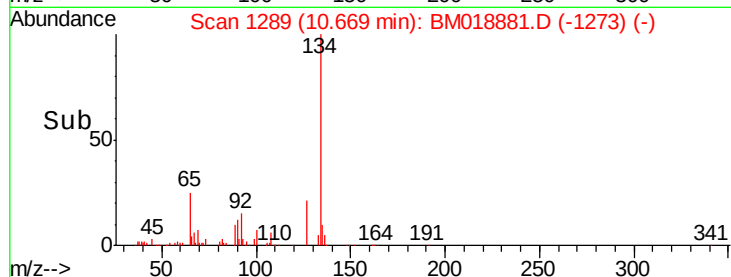
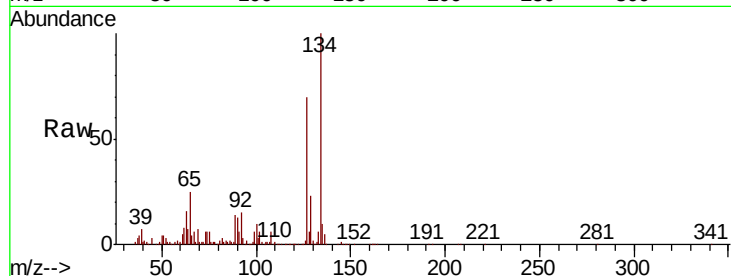




#33
4-Chloroaniline
Concen: 31.460 ng
RT: 10.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BM018881.D
Acq: 20 Feb 2019 13:15

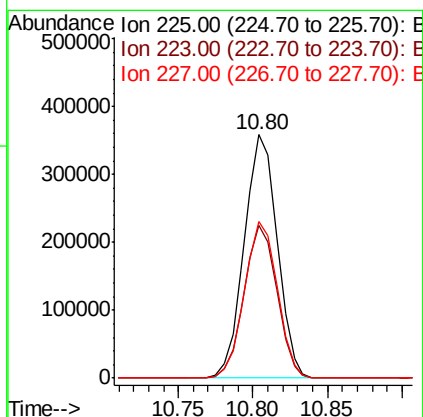
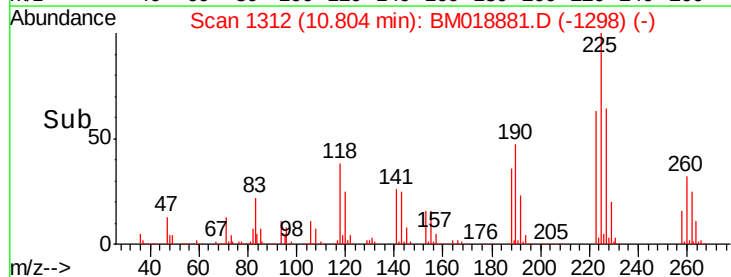
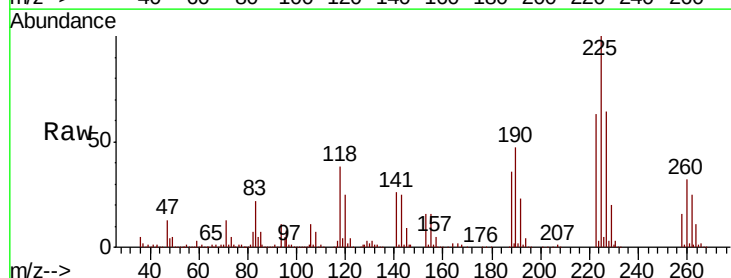
Instrument :
BNA_M
ClientSampled :
MW-1MSD

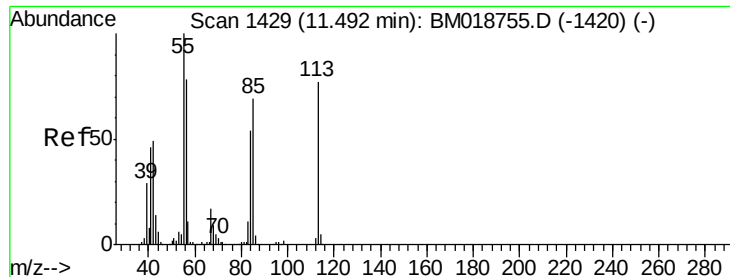
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.7	38.5
65	35.1	28.7	43.1
92	21.7	17.0	25.4



#34
Hexachlorobutadiene
Concen: 42.344 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BM018881.D
Acq: 20 Feb 2019 13:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.1	75.1
227	64.2	51.4	77.0





#35

Caprolactam

Concen: 0.157 ng

RT: 11.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BM018881.D

Acq: 20 Feb 2019 13:15

Instrument :

BNA_M

ClientSampleId :

MW-1MSD

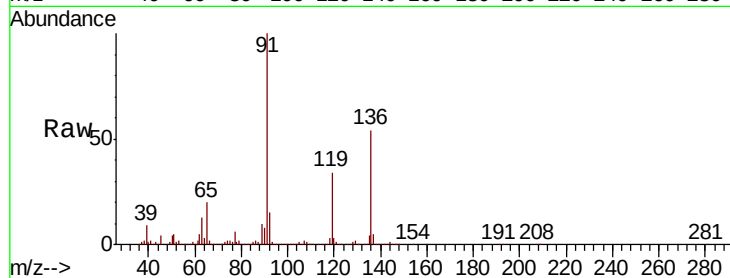
Tot Ion:113 Resp: 1238

Ion Ratio Lower Upper

113 100

55 756.6 110.7 150.7#

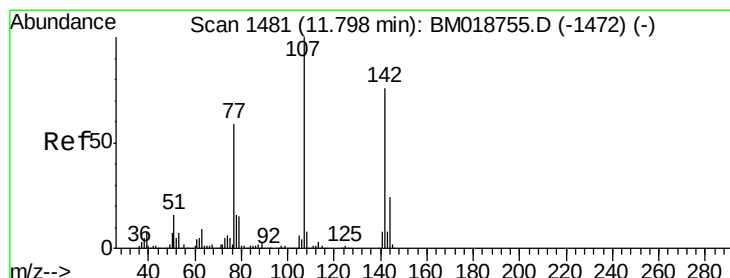
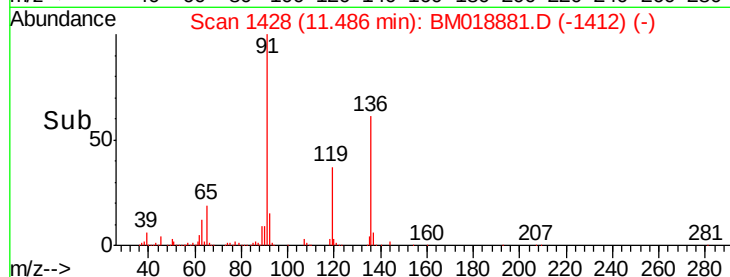
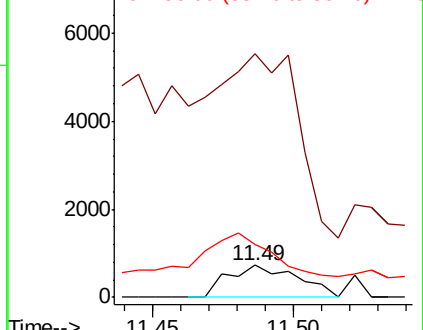
56 162.8 82.4 122.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 41.929 ng

RT: 11.79 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BM018881.D

Acq: 20 Feb 2019 13:15

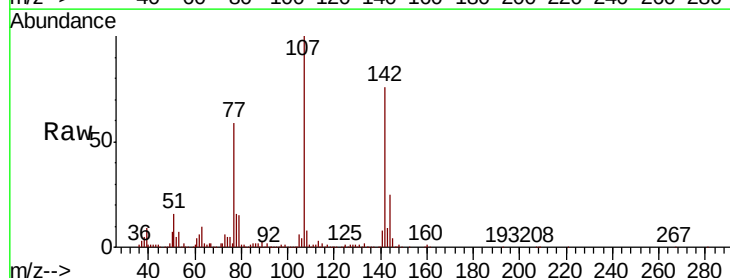
Tgt Ion:107 Resp: 978221

Ion Ratio Lower Upper

107 100

144 25.2 19.3 28.9

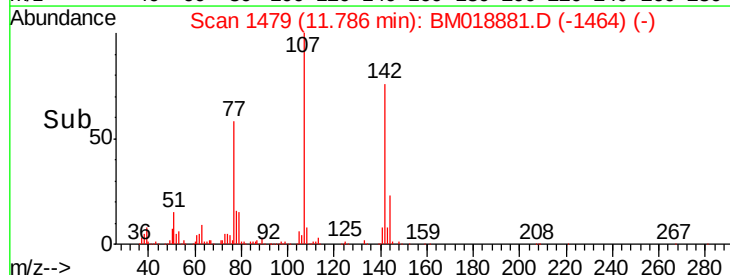
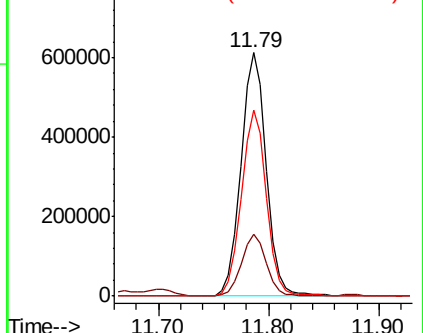
142 76.3 60.5 90.7

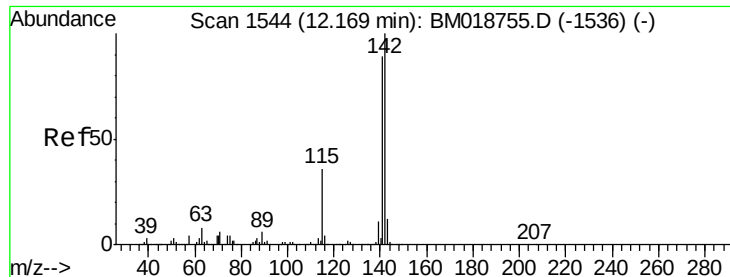


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

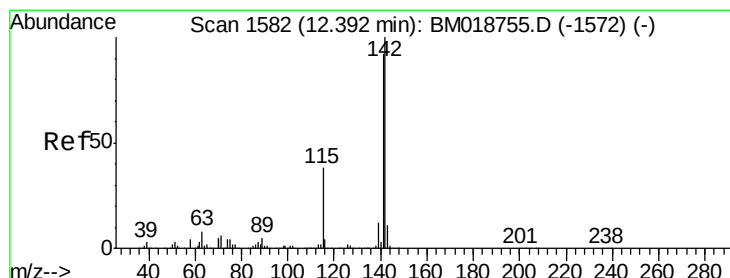
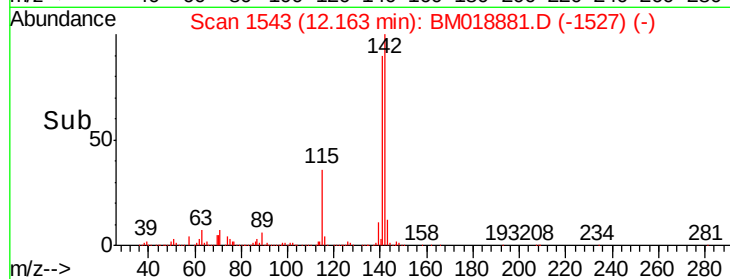
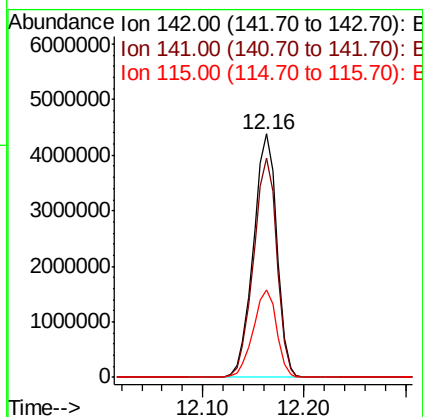
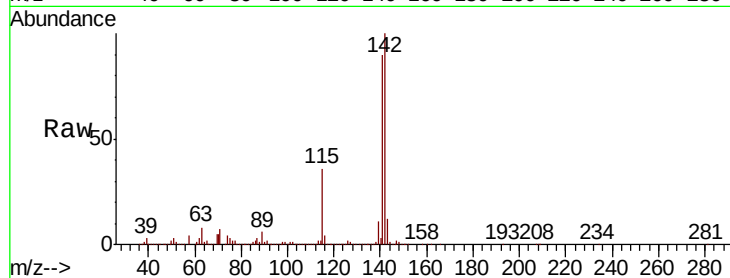




#37
2-Methylnaphthalene
Concen: 159.095 ng
RT: 12.16 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BM018881.D
Acq: 20 Feb 2019 13:15

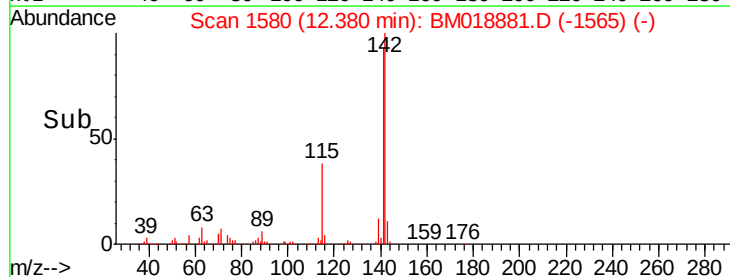
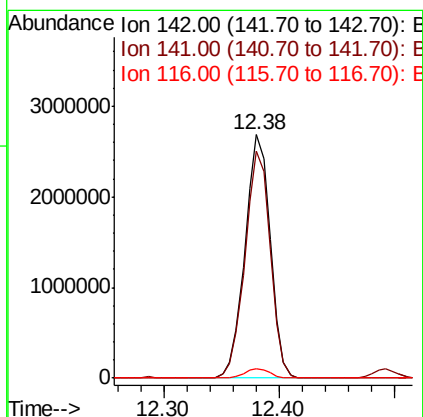
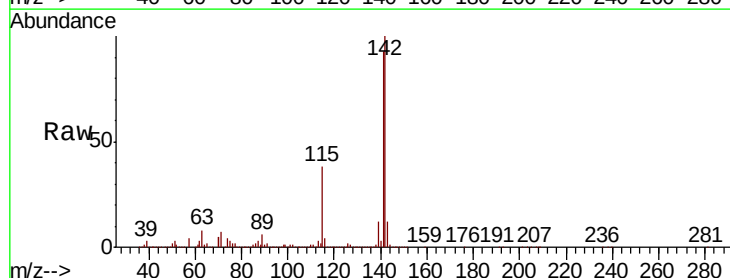
Instrument :
BNA_M
ClientSampleId :
MW-1MSD

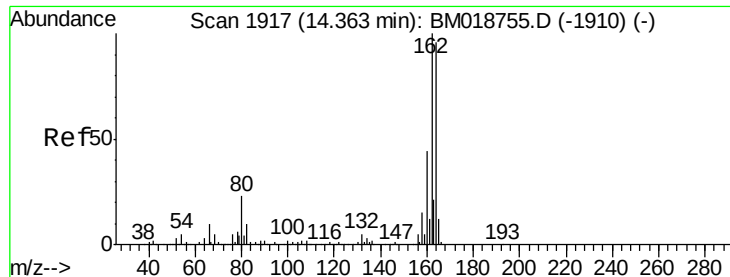
Tot Ion:142 Resp: 7050748
Ion Ratio Lower Upper
142 100
141 89.9 71.2 106.8
115 36.0 29.1 43.7



#38
1-Methylnaphthalene
Concen: 94.223 ng
RT: 12.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BM018881.D
Acq: 20 Feb 2019 13:15

Tgt Ion:142 Resp: 4083355
Ion Ratio Lower Upper
142 100
141 93.3 73.9 110.9
116 4.0 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.35 min Scan# 1915

Delta R.T. -0.01 min

Lab File: BM018881.D

Acq: 20 Feb 2019 13:15

Instrument :

BNA_M

ClientSampleId :

MW-1MSD

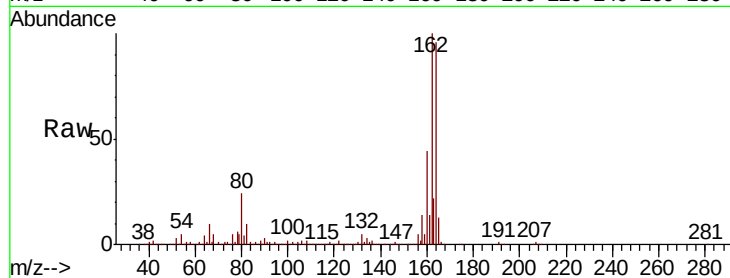
Tot Ion:164 Resp: 770117

Ion Ratio Lower Upper

164 100

162 103.8 83.4 125.0

160 45.5 36.6 55.0

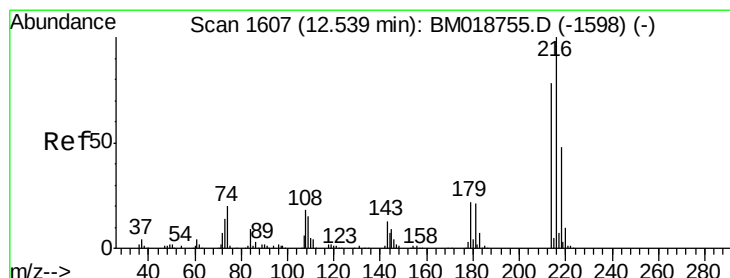
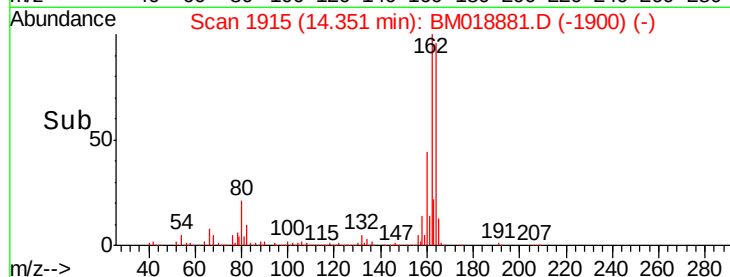
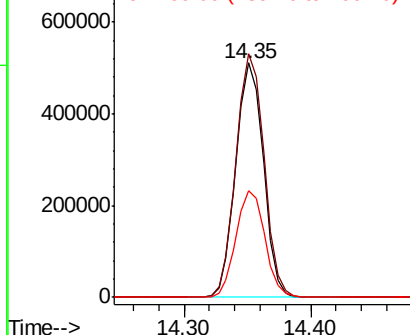


Abundance

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: 44.932 ng

RT: 12.53 min Scan# 1605

Delta R.T. -0.01 min

Lab File: BM018881.D

Acq: 20 Feb 2019 13:15

Tgt Ion:216 Resp: 1106927

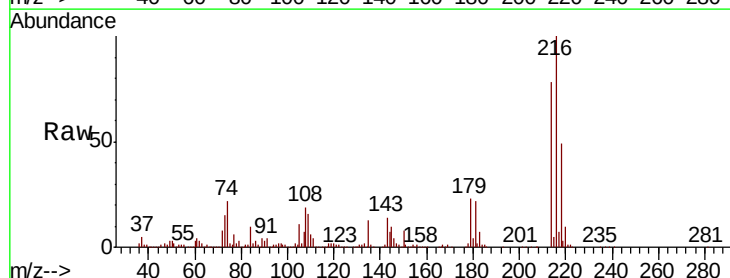
Ion Ratio Lower Upper

216 100

214 78.6 63.2 94.8

179 22.6 17.8 26.8

108 22.7 16.4 24.6



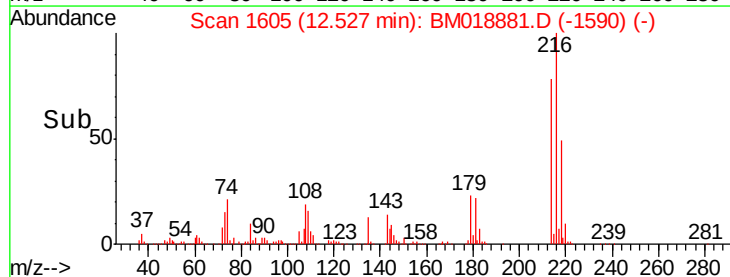
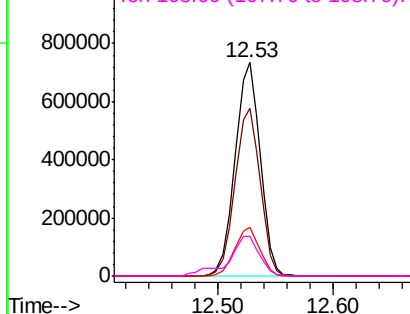
Abundance

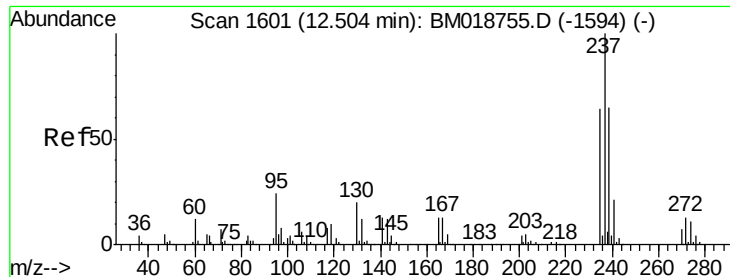
Ion 216.00 (215.70 to 216.70): E

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: 89.920 ng

RT: 12.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BM018881.D

Acq: 20 Feb 2019 13:15

Instrument :

BNA_M

ClientSampleId :

MW-1MSD

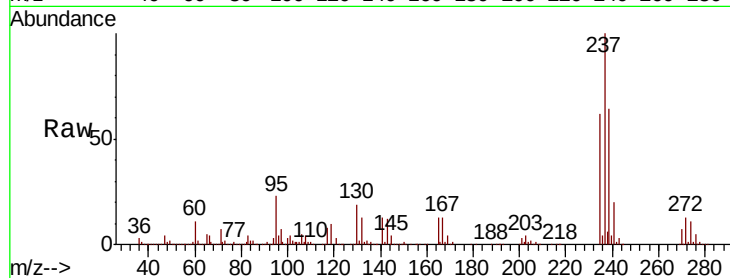
Tot Ion:237 Resp: 1132571

Ion Ratio Lower Upper

237 100

235 62.2 43.7 83.7

272 13.3 0.0 33.3

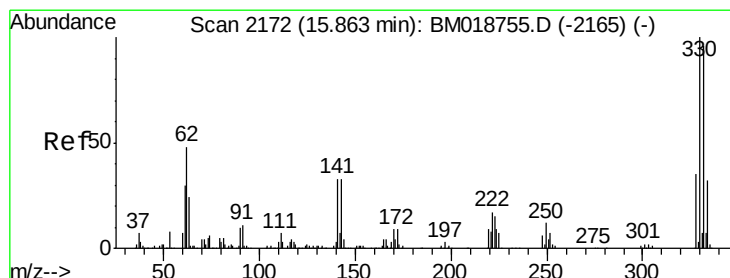
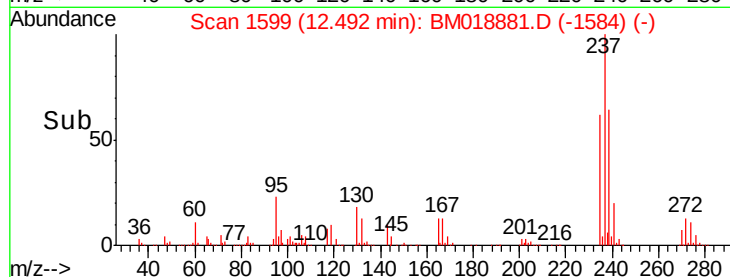
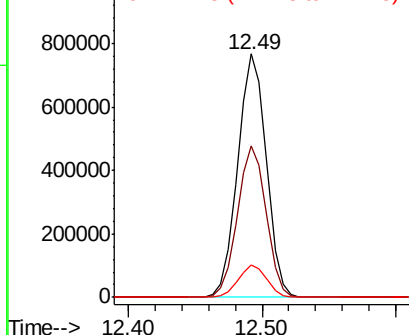


Abundance

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: 150.450 ng

RT: 15.85 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BM018881.D

Acq: 20 Feb 2019 13:15

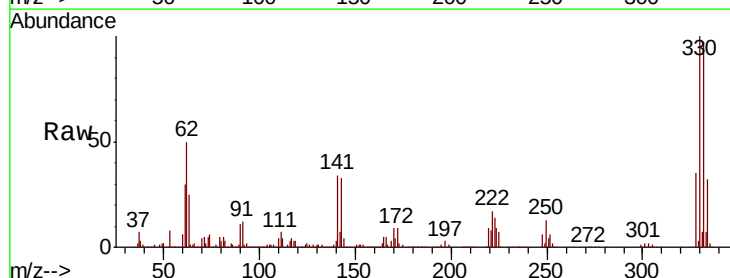
Tgt Ion:330 Resp: 1670152

Ion Ratio Lower Upper

330 100

332 96.9 76.9 115.3

141 34.3 28.7 43.1

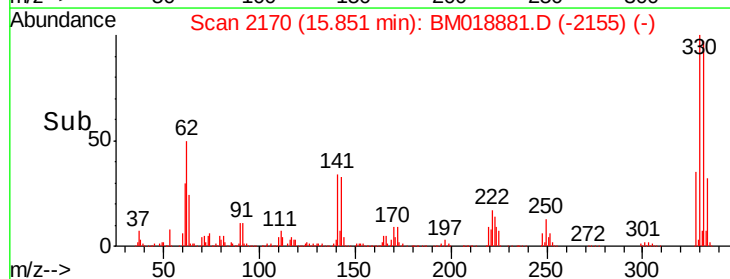
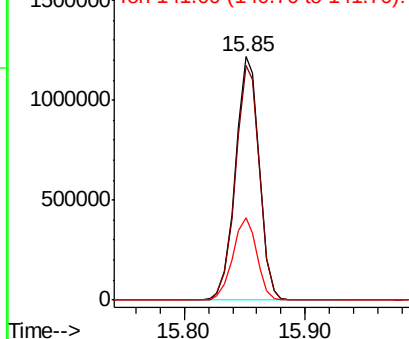


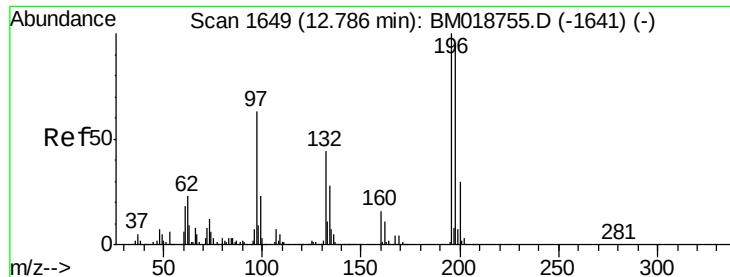
Abundance

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

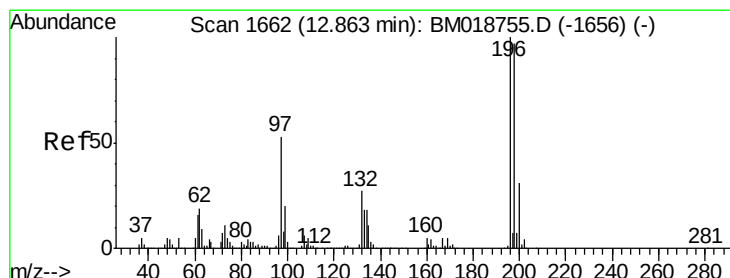
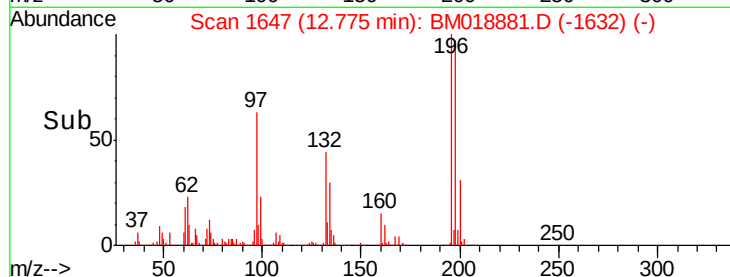
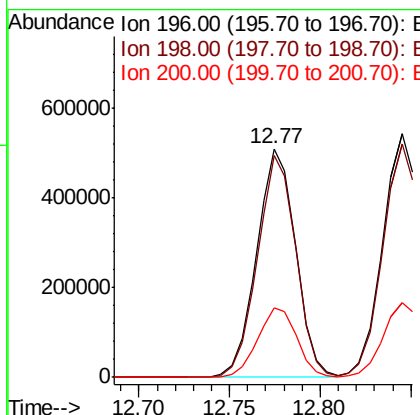
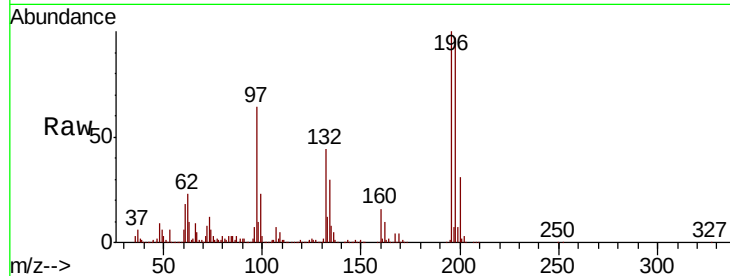




#43
 2,4,6-Trichlorophenol
 Concen: 46.635 ng
 RT: 12.77 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BM018881.D
 Acq: 20 Feb 2019 13:15

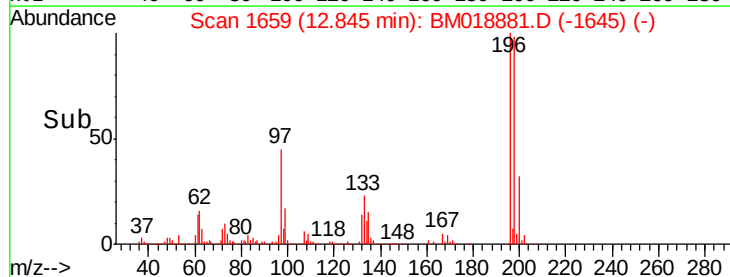
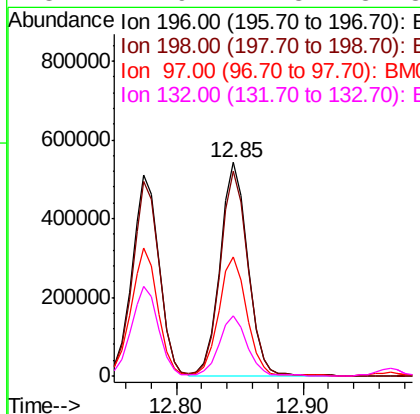
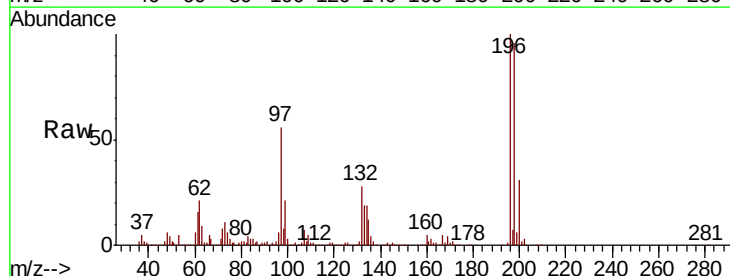
Instrument :
 BNA_M
 ClientSampleId :
 MW-1MSD

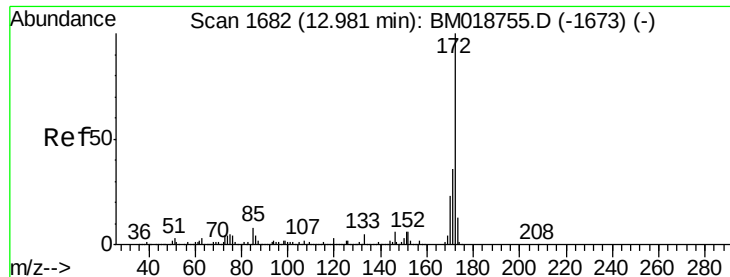
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.1	76.2	114.2
200	30.6	24.2	36.2



#44
 2,4,5-Trichlorophenol
 Concen: 47.605 ng
 RT: 12.85 min Scan# 1659
 Delta R.T. -0.02 min
 Lab File: BM018881.D
 Acq: 20 Feb 2019 13:15

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.6	77.6	116.4
97	55.7	42.8	64.2
132	27.9	21.8	32.8

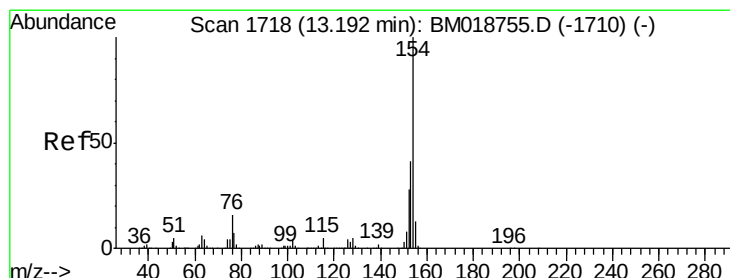
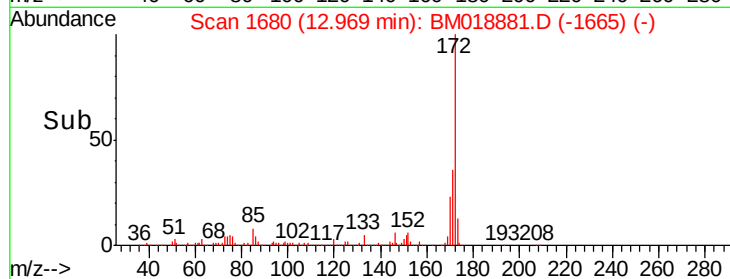
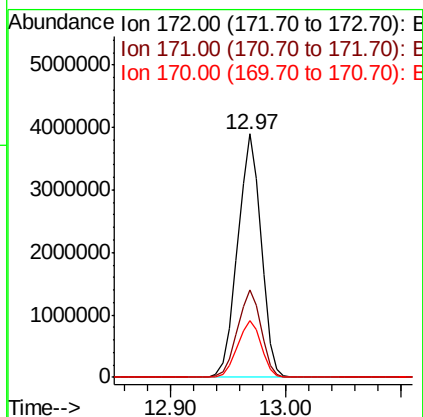
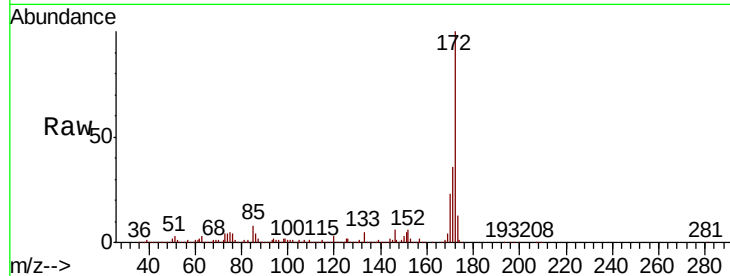




#45
2-Fluorobiphenyl
Concen: 94.152 ng
RT: 12.97 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BM018881.D
Acq: 20 Feb 2019 13:15

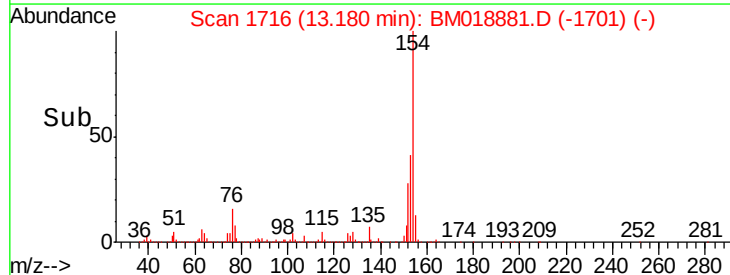
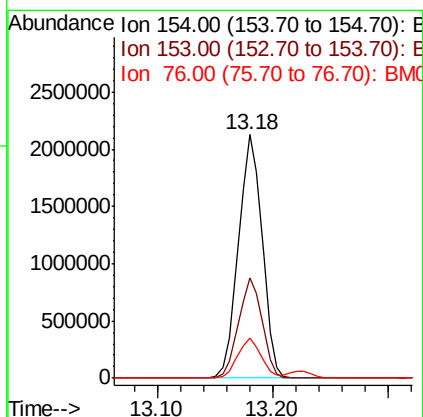
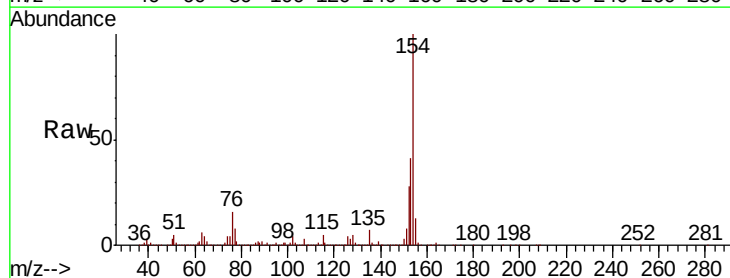
Instrument :
BNA_M
ClientSampleId :
MW-1MSD

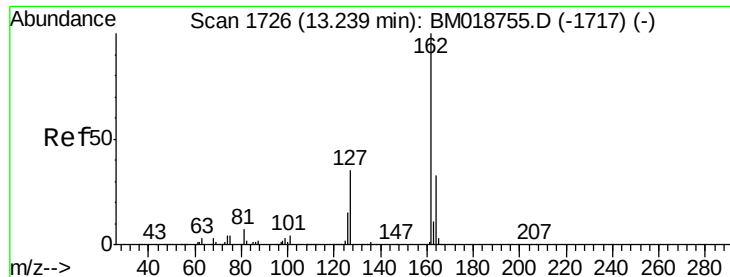
Tot Ion:172 Resp: 5462081
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.6
170 23.5 18.6 28.0



#46
1,1'-Biphenyl
Concen: 45.811 ng
RT: 13.18 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BM018881.D
Acq: 20 Feb 2019 13:15

Tgt Ion:154 Resp: 3036848
Ion Ratio Lower Upper
154 100
153 41.4 21.1 61.1
76 16.4 0.0 35.7



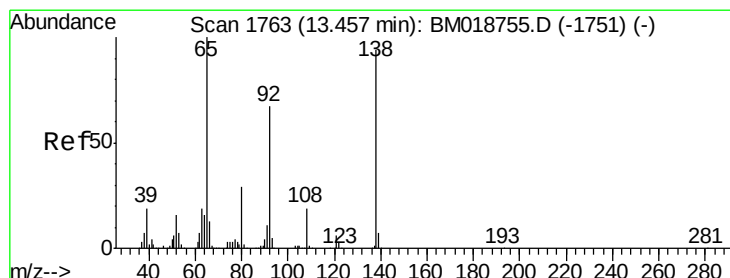
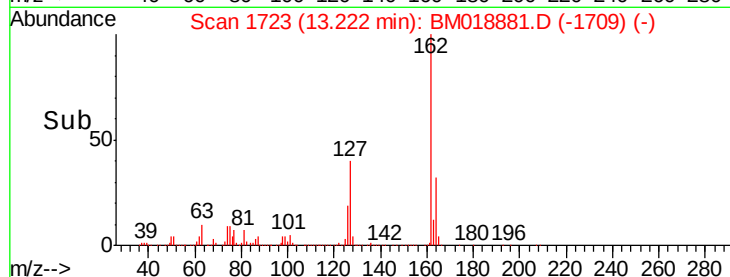
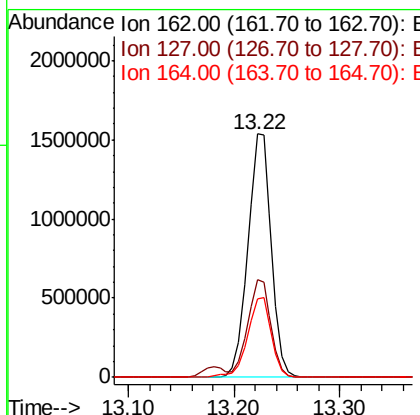
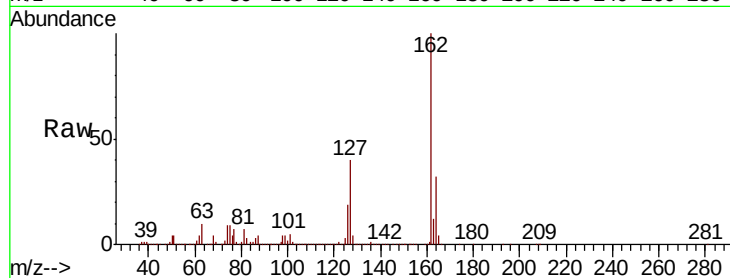


#47
 2-Chloronaphthalene
 Concen: 46.267 ng
 RT: 13.22 min Scan# 1723
 Delta R.T. -0.02 min
 Lab File: BM018881.D
 Acq: 20 Feb 2019 13:15

Instrument :
 BNA_M
 ClientSampleId :
 MW-1MSD

Tot Ion:162 Resp: 2368937

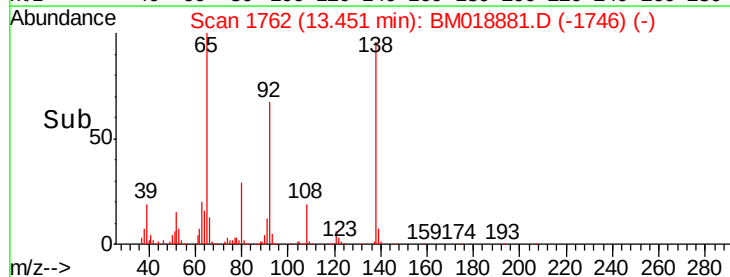
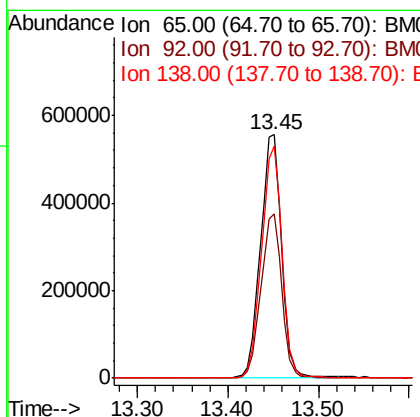
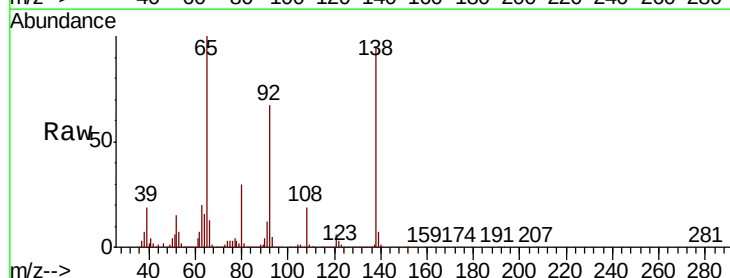
Ion	Ratio	Lower	Upper
162	100		
127	40.2	31.1	46.7
164	32.5	26.4	39.6

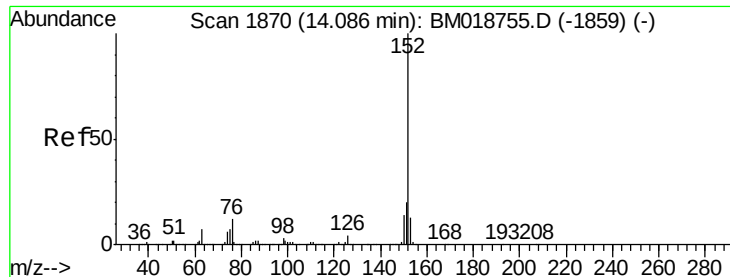


#48
 2-Nitroaniline
 Concen: 52.621 ng
 RT: 13.45 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: BM018881.D
 Acq: 20 Feb 2019 13:15

Tgt Ion: 65 Resp: 894824

Ion	Ratio	Lower	Upper
65	100		
92	67.3	54.0	81.0
138	95.4	74.9	112.3





#49

Acenaphthylene

Concen: 51.233 ng

RT: 14.07 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BM018881.D

Acq: 20 Feb 2019 13:15

Instrument :

BNA_M

ClientSampleId :

MW-1MSD

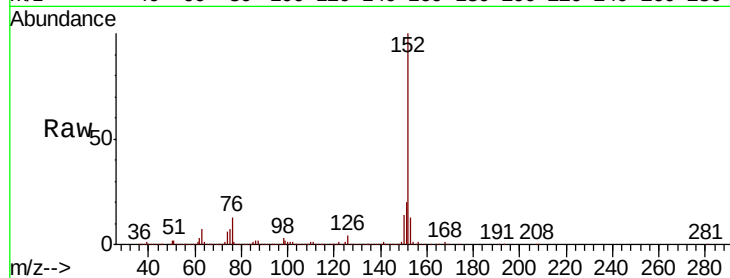
Tot Ion:152 Resp: 3906005

Ion Ratio Lower Upper

152 100

151 20.3 15.8 23.8

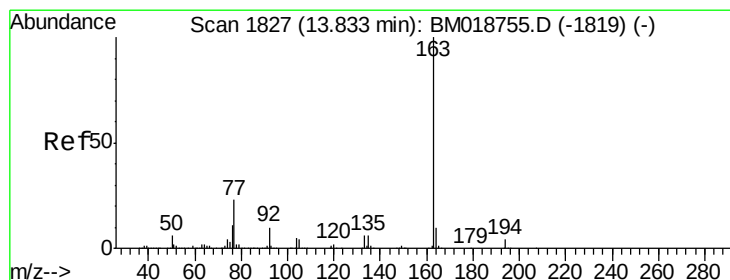
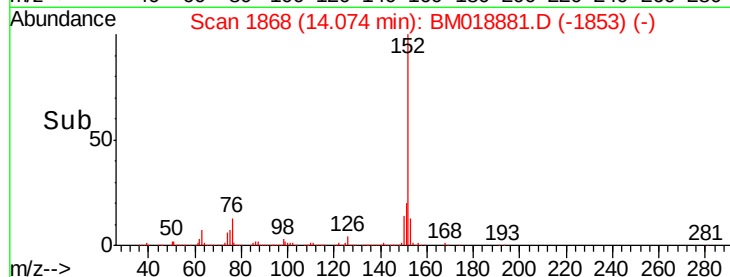
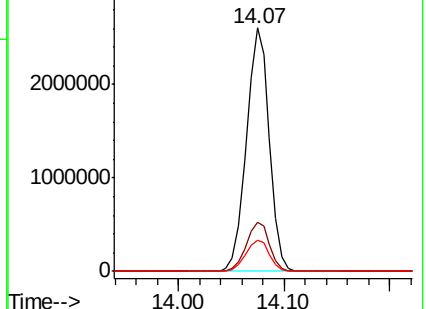
153 13.0 10.5 15.7



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: 48.377 ng

RT: 13.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BM018881.D

Acq: 20 Feb 2019 13:15

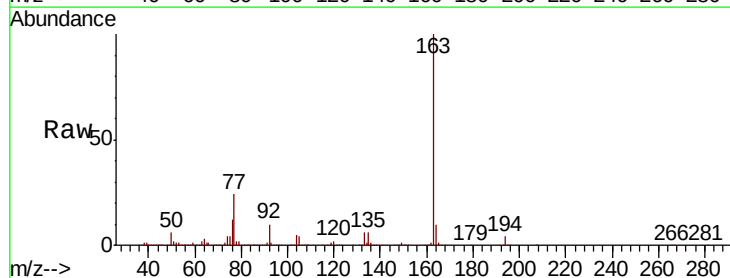
Tgt Ion:163 Resp: 3104875

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

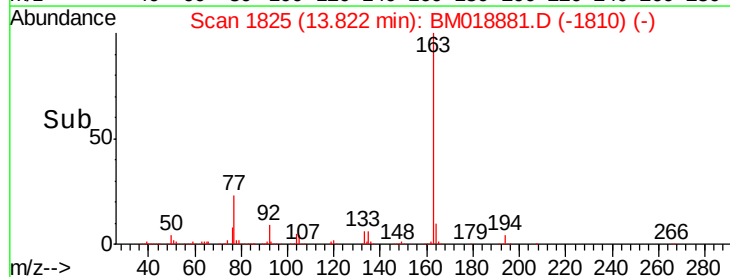
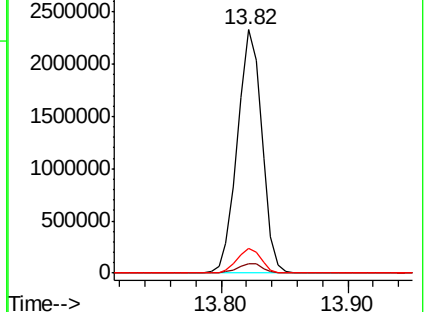
164 10.3 7.8 11.8

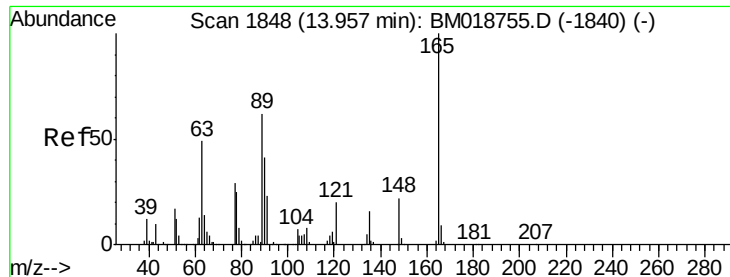


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

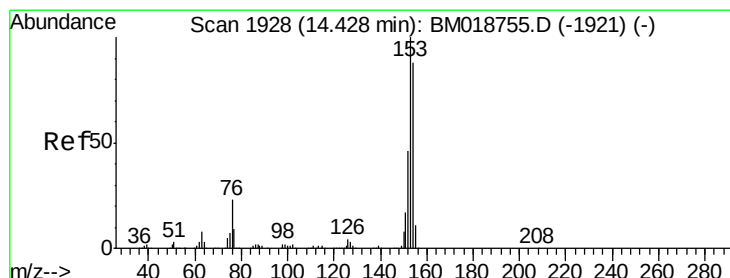
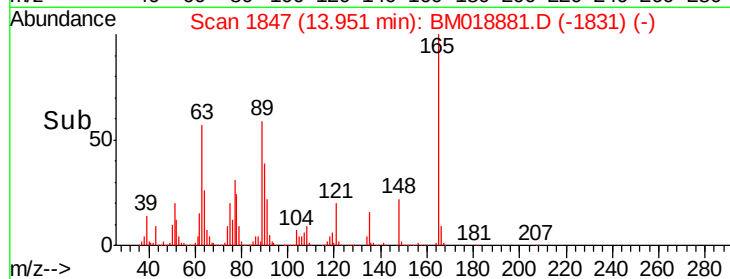
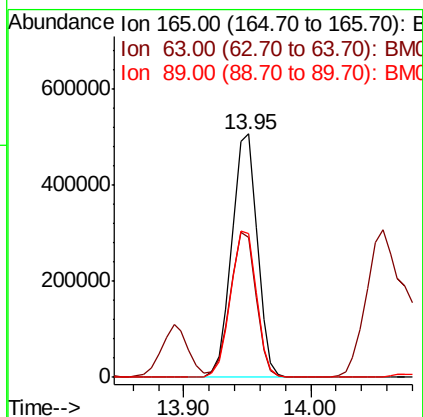
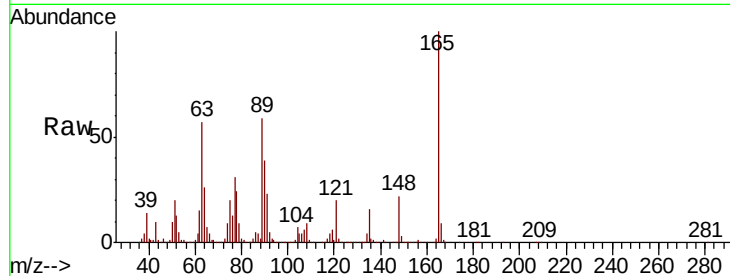




#51
2,6-Dinitrotoluene
Concen: 50.368 ng
RT: 13.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BM018881.D
Acq: 20 Feb 2019 13:15

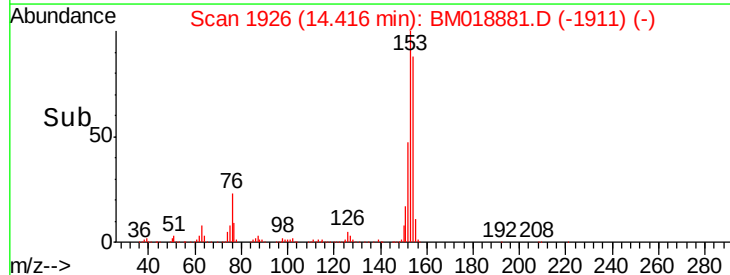
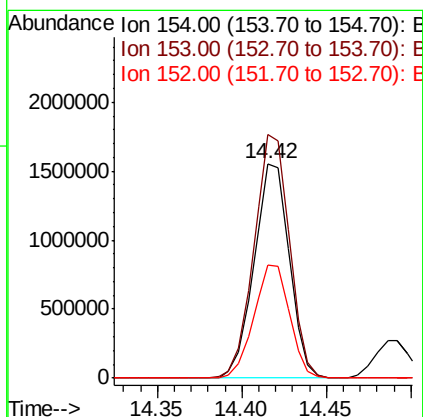
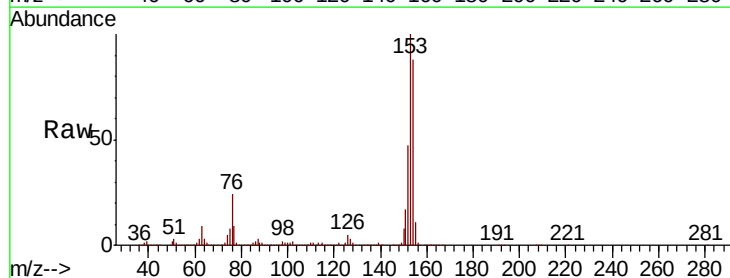
Instrument :
BNA_M
ClientSampleId :
MW-1MSD

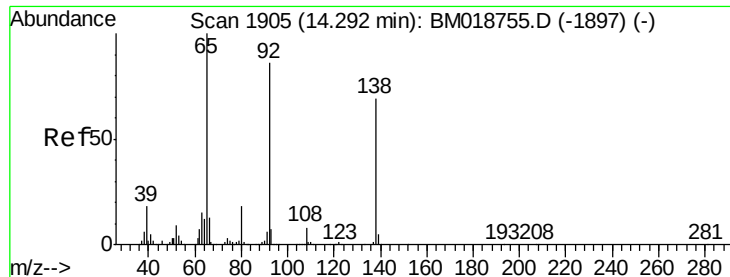
Tot Ion:165 Resp: 700277
Ion Ratio Lower Upper
165 100
63 57.4 48.9 73.3
89 58.8 49.4 74.0



#52
Acenaphthene
Concen: 48.167 ng
RT: 14.42 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BM018881.D
Acq: 20 Feb 2019 13:15

Tgt Ion:154 Resp: 2251730
Ion Ratio Lower Upper
154 100
153 113.5 91.3 136.9
152 52.9 42.2 63.4

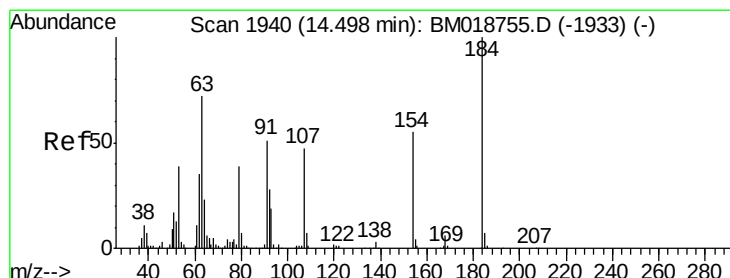
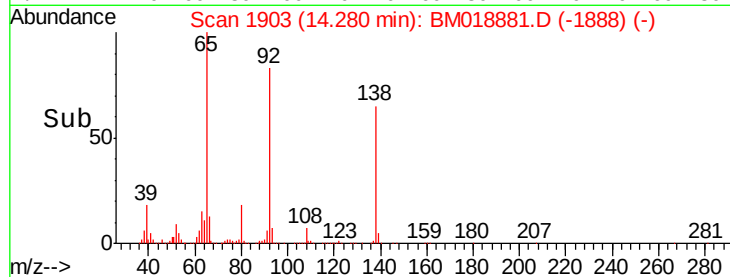
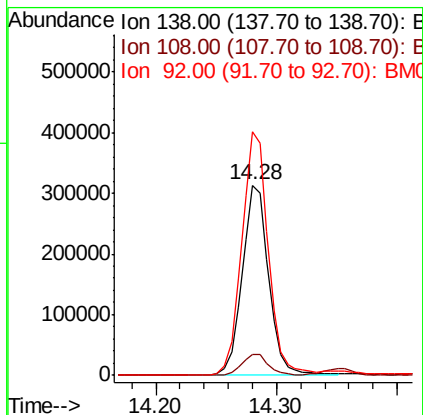
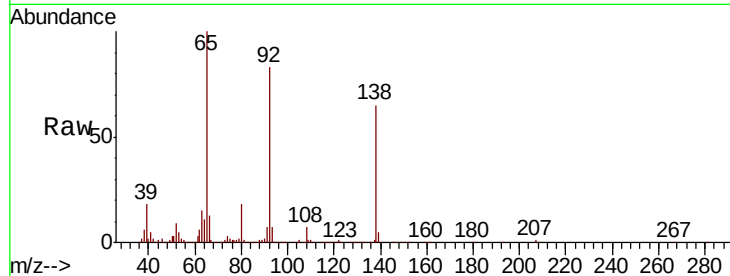




#53
 3-Nitroaniline
 Concen: 30.603 ng
 RT: 14.28 min Scan# 1903
 Delta R.T. -0.01 min
 Lab File: BM018881.D
 Acq: 20 Feb 2019 13:15

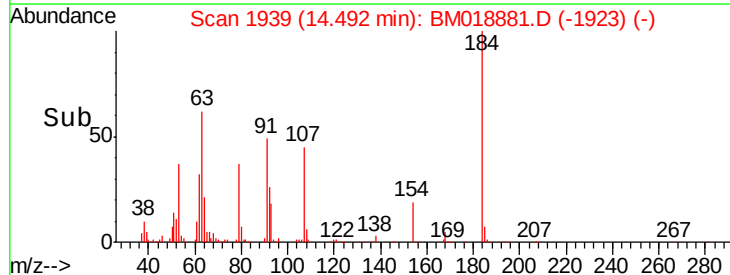
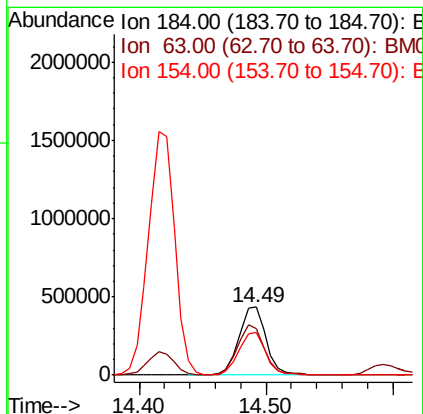
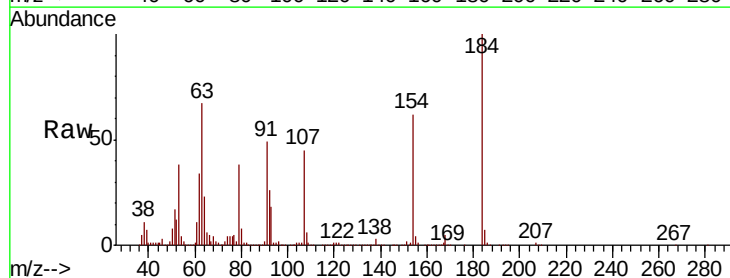
Instrument :
 BNA_M
 ClientSampled :
 MW-1MSD

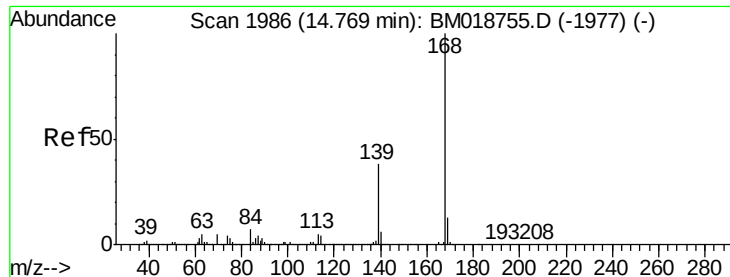
Tot Ion:138 Resp: 480737
 Ion Ratio Lower Upper
 138 100
 108 11.3 9.1 13.7
 92 128.0 99.7 149.5



#54
 2,4-Dinitrophenol
 Concen: 73.523 ng
 RT: 14.49 min Scan# 1939
 Delta R.T. -0.01 min
 Lab File: BM018881.D
 Acq: 20 Feb 2019 13:15

Tgt Ion:184 Resp: 644175
 Ion Ratio Lower Upper
 184 100
 63 67.4 58.0 87.0
 154 62.0 50.3 75.5





#55

Dibenzofuran

Concen: 48.193 ng

RT: 14.75 min Scan# 1983

Delta R.T. -0.02 min

Lab File: BM018881.D

Acq: 20 Feb 2019 13:15

Instrument :

BNA_M

ClientSampleId :

MW-1MSD

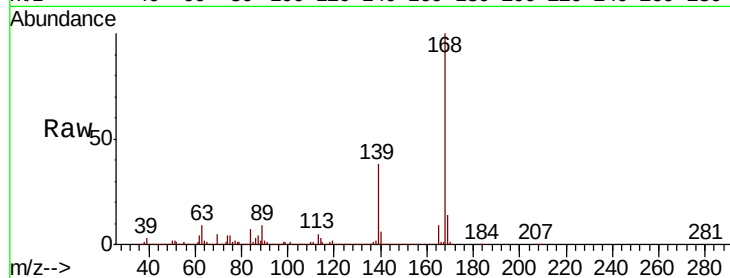
Tot Ion:168 Resp: 3703051

Ion Ratio Lower Upper

168 100

139 38.3 30.7 46.1

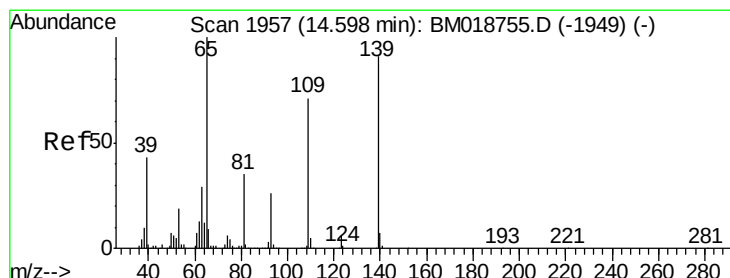
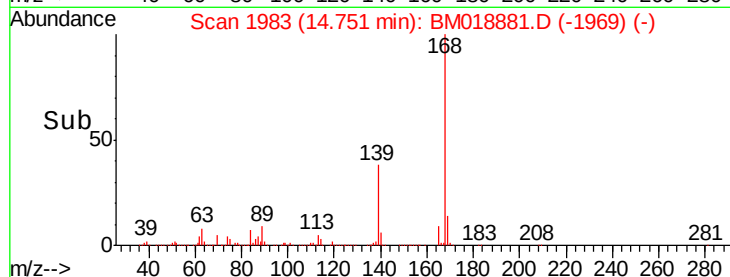
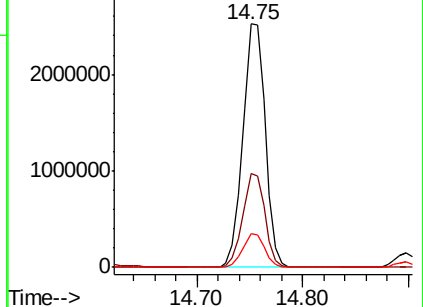
169 13.8 10.3 15.5



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: 30.302 ng

RT: 14.59 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BM018881.D

Acq: 20 Feb 2019 13:15

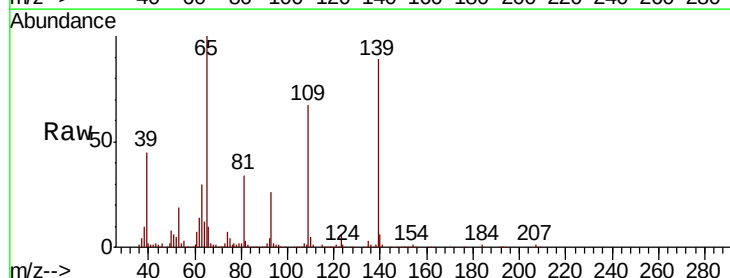
Tgt Ion:139 Resp: 379995

Ion Ratio Lower Upper

139 100

109 75.7 58.4 98.4

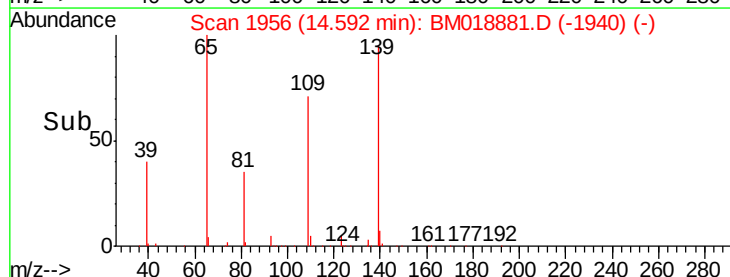
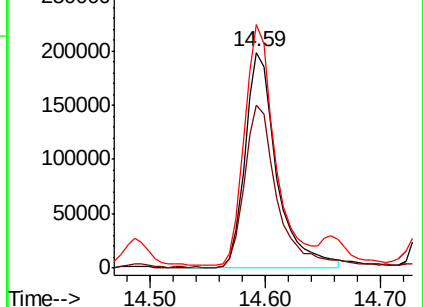
65 112.7 89.8 129.8

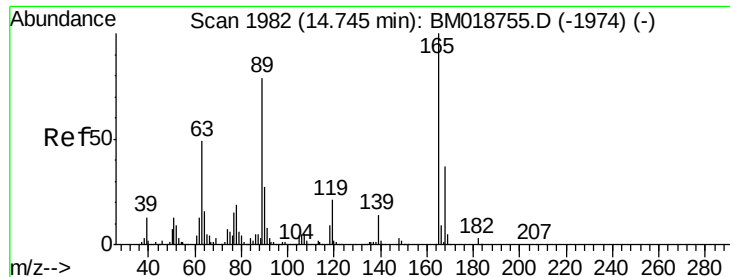


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

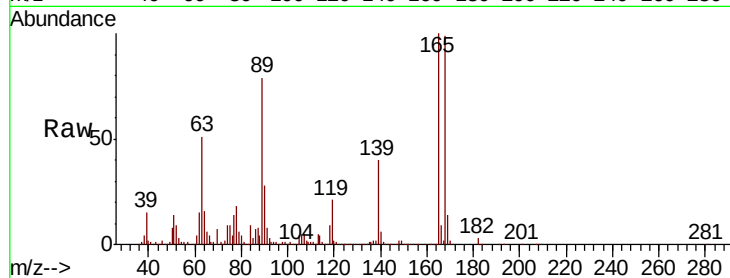




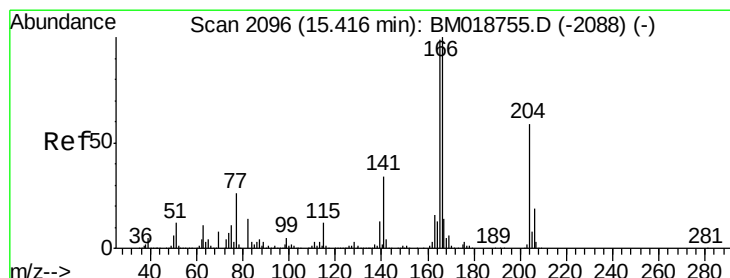
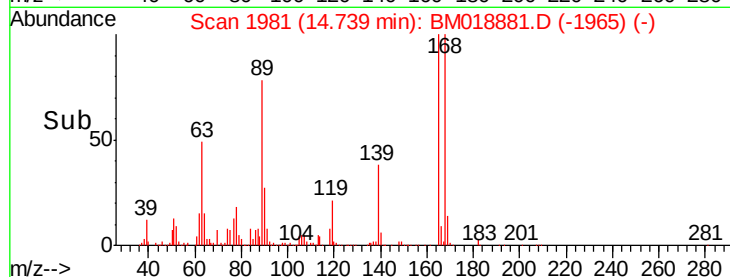
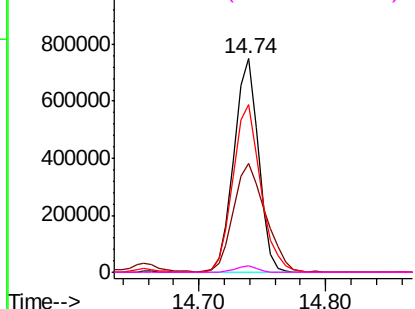
#57
 2,4-Dinitrotoluene
 Concen: 52.050 ng
 RT: 14.74 min Scan# 1981
 Delta R.T. -0.01 min
 Lab File: BM018881.D
 Acq: 20 Feb 2019 13:15

Instrument :
 BNA_M
 ClientSampleId :
 MW-1MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.0	39.6	59.4
89	78.8	63.5	95.3
182	3.0	2.2	3.4

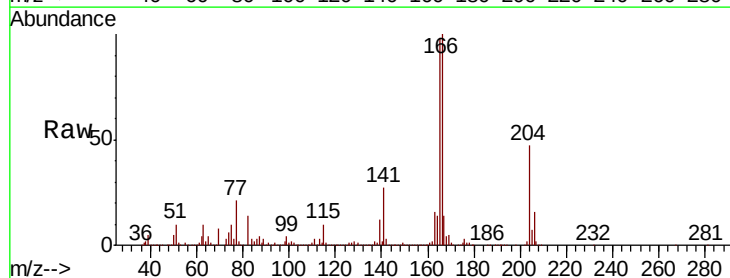


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM0
 Ion 89.00 (88.70 to 89.70): BM0
 Ion 182.00 (181.70 to 182.70): E

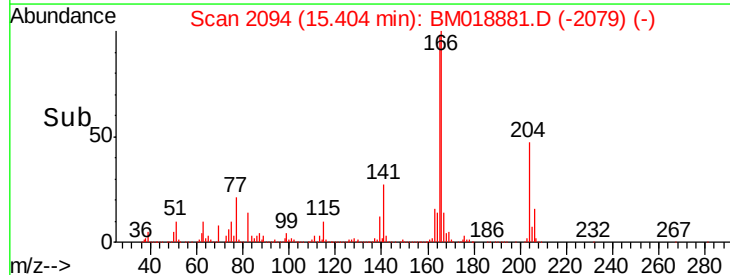
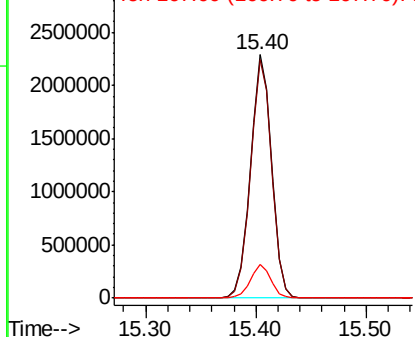


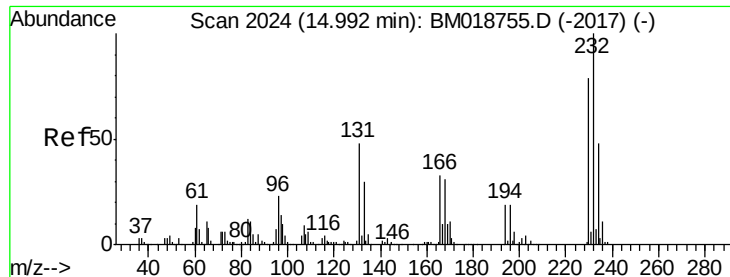
#58
 Fluorene
 Concen: 52.198 ng
 RT: 15.40 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BM018881.D
 Acq: 20 Feb 2019 13:15

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.1	118.7
167	13.6	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

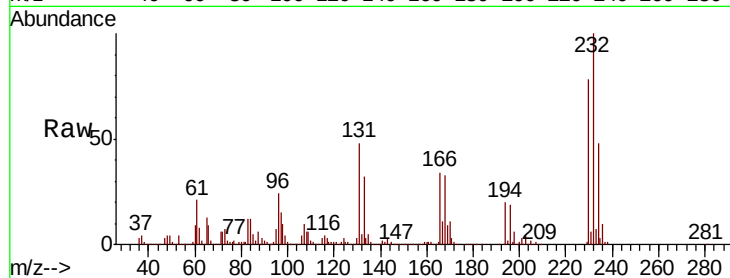




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.795 ng
 RT: 14.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BM018881.D
 Acq: 20 Feb 2019 13:15

Instrument :
 BNA_M
 ClientSampleId :
 MW-1MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	49.2	38.6	57.8
130	2.7	2.0	3.0
166	34.0	26.9	40.3



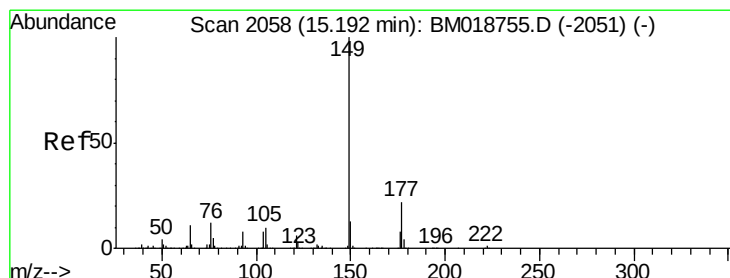
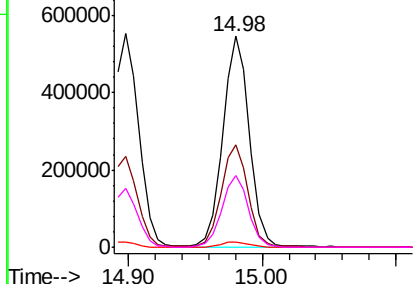
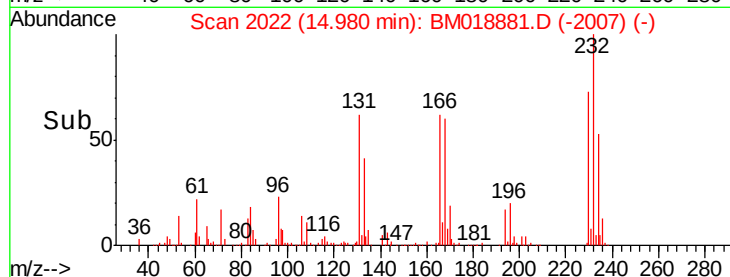
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

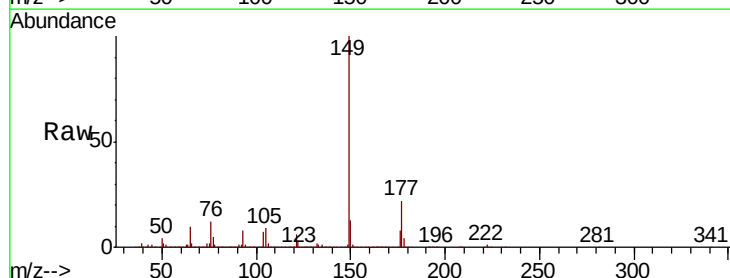
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 49.468 ng
 RT: 15.19 min Scan# 2057
 Delta R.T. -0.01 min
 Lab File: BM018881.D
 Acq: 20 Feb 2019 13:15

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.2	25.8
150	12.5	10.2	15.2

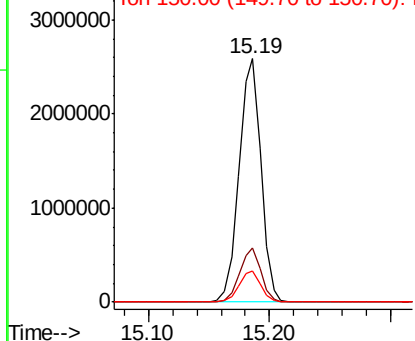
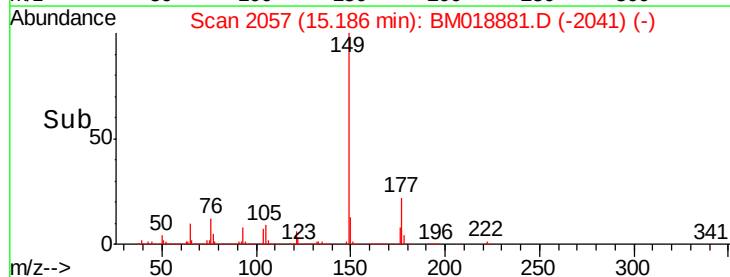


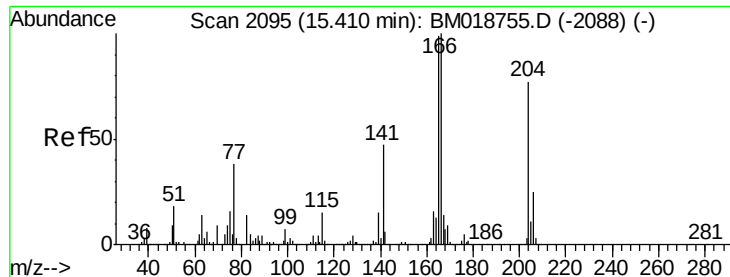
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

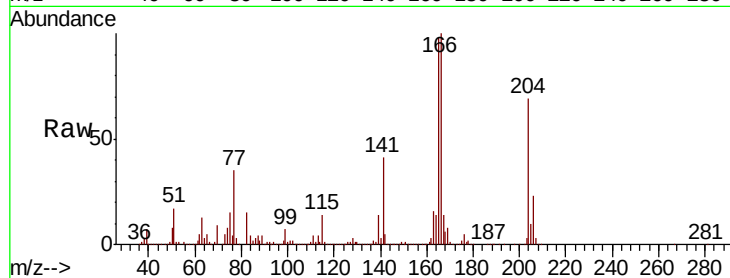




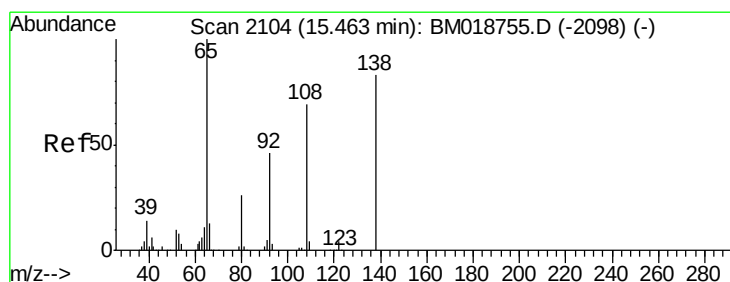
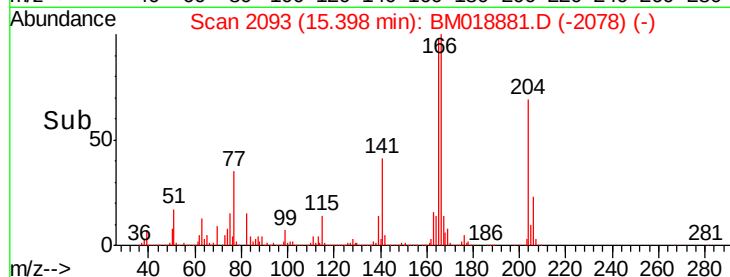
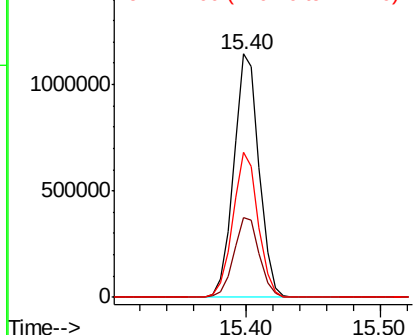
#61
4-Chlorophenyl-phenylether
Concen: 45.670 ng
RT: 15.40 min Scan# 2093
Delta R.T. -0.01 min
Lab File: BM018881.D
Acq: 20 Feb 2019 13:15

Instrument :
BNA_M
ClientSampleId :
MW-1MSD

Tot Ion:204 Resp: 1505237
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.2
141 59.6 49.2 73.8

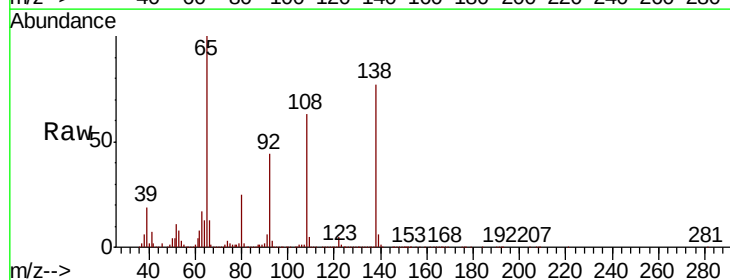


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

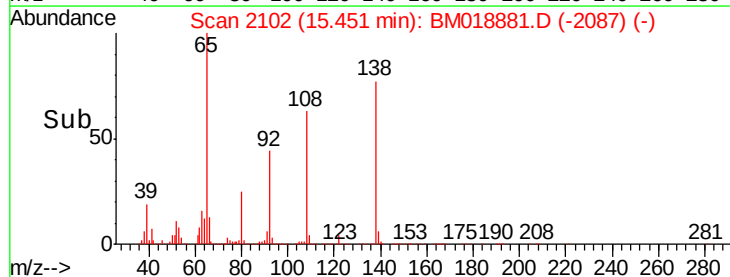
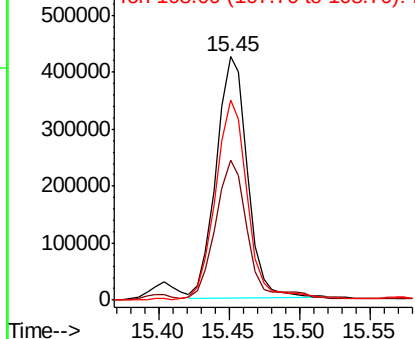


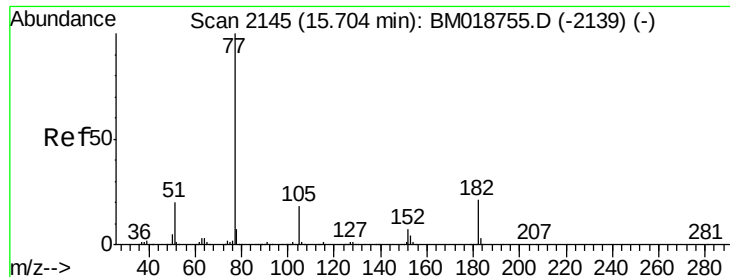
#62
4-Nitroaniline
Concen: 42.417 ng
RT: 15.45 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BM018881.D
Acq: 20 Feb 2019 13:15

Tgt Ion:138 Resp: 653246
Ion Ratio Lower Upper
138 100
92 57.7 35.5 75.5
108 82.0 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: 49.260 ng

RT: 15.69 min Scan# 2143

Delta R.T. -0.01 min

Lab File: BM018881.D

Acq: 20 Feb 2019 13:15

Instrument :

BNA_M

ClientSampleId :

MW-1MSD

Tot Ion: 77 Resp: 3496783

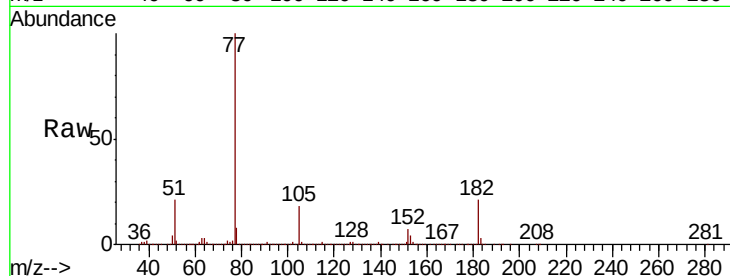
Ion Ratio Lower Upper

77 100

182 20.7 1.0 41.0

105 17.8 0.0 37.7

51 20.5 0.3 40.3



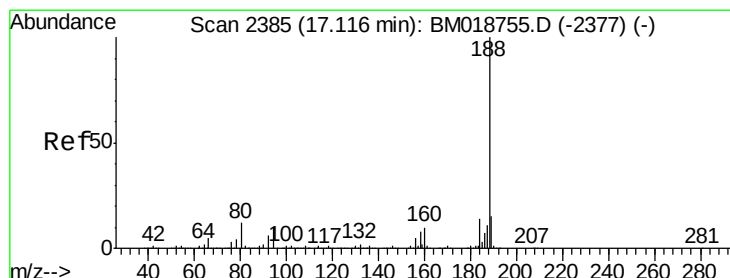
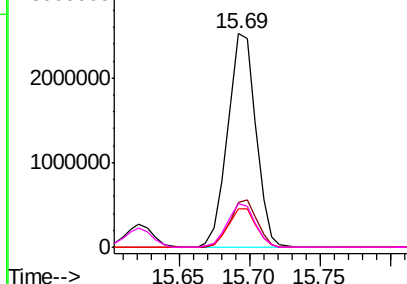
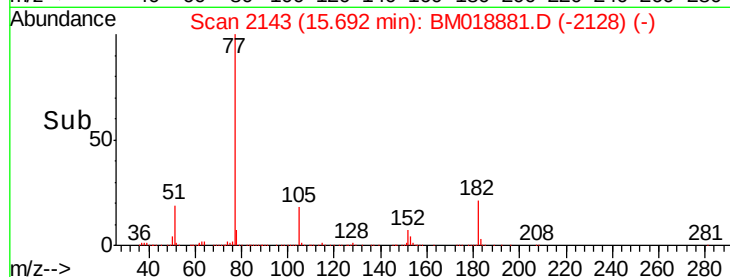
Abundance

Ion 77.00 (76.70 to 77.70): BM018881.D (-2128) (-)

Ion 182.00 (181.70 to 182.70): BM018881.D (-2128) (-)

Ion 105.00 (104.70 to 105.70): BM018881.D (-2128) (-)

Ion 51.00 (50.70 to 51.70): BM018881.D (-2128) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.10 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BM018881.D

Acq: 20 Feb 2019 13:15

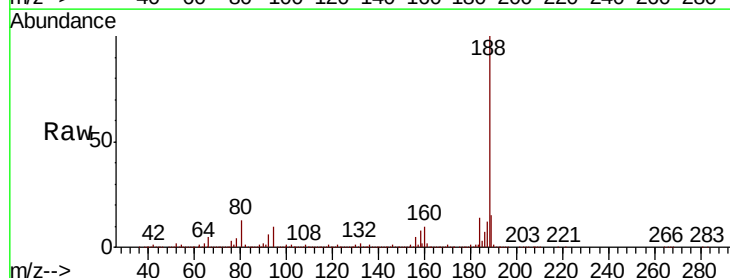
Tgt Ion: 188 Resp: 1770632

Ion Ratio Lower Upper

188 100

94 10.4 8.2 12.2

80 12.9 9.7 14.5

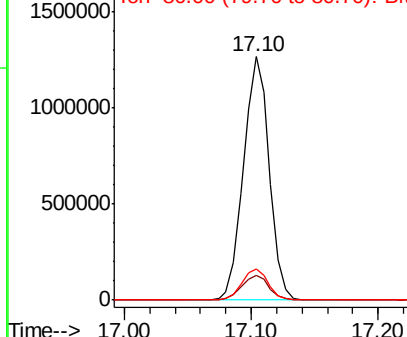
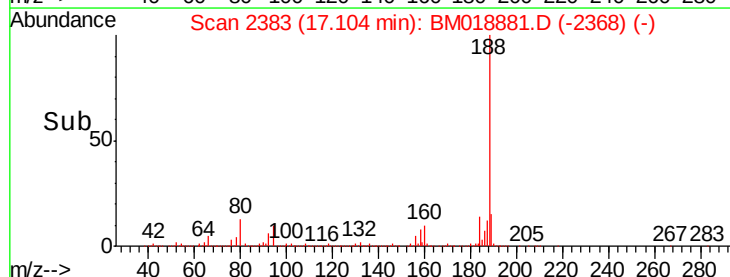


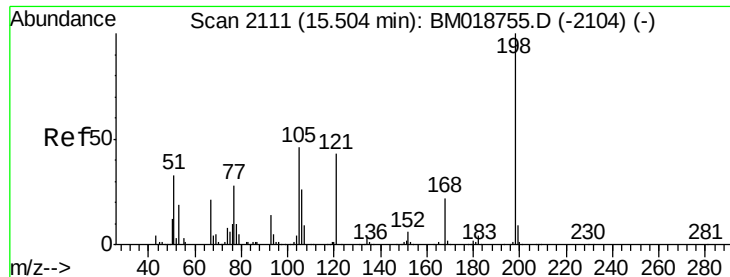
Abundance

Ion 188.00 (187.70 to 188.70): BM018881.D (-2368) (-)

Ion 94.00 (93.70 to 94.70): BM018881.D (-2368) (-)

Ion 80.00 (79.70 to 80.70): BM018881.D (-2368) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 37.695 ng

RT: 15.50 min Scan# 2110

Delta R.T. -0.01 min

Lab File: BM018881.D

Acq: 20 Feb 2019 13:15

Instrument :

BNA_M

ClientSampleId :

MW-1MSD

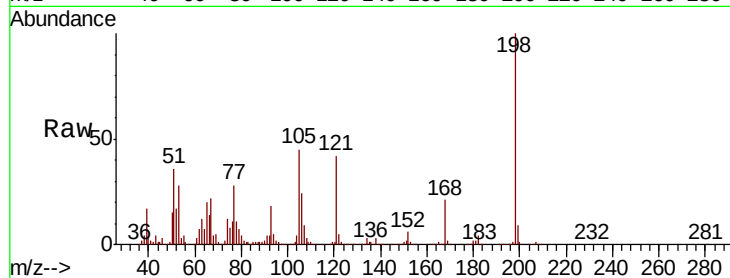
Tot Ion:198 Resp: 468620

Ion Ratio Lower Upper

198 100

51 35.7 18.4 58.4

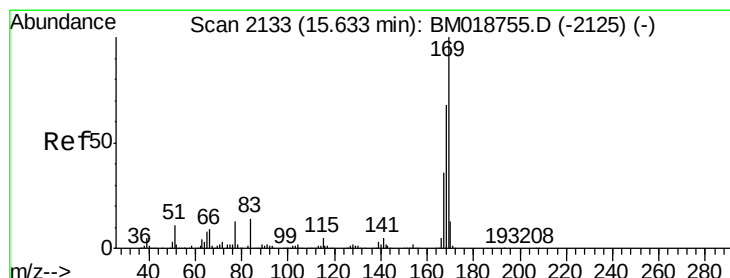
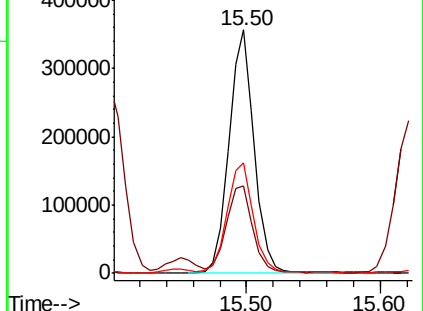
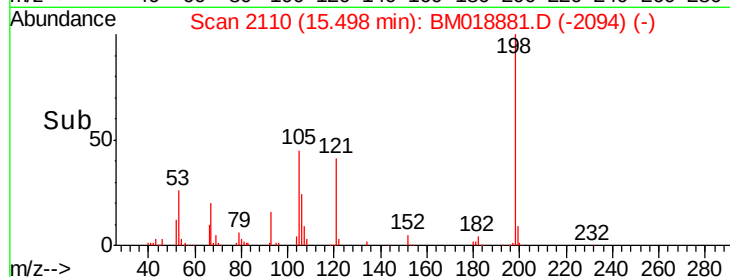
105 45.2 27.2 67.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 48.284 ng

RT: 15.62 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BM018881.D

Acq: 20 Feb 2019 13:15

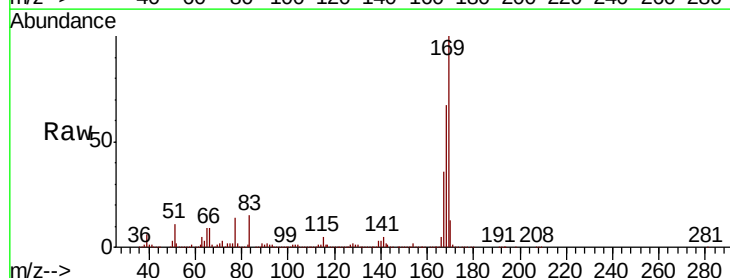
Tgt Ion:169 Resp: 2701088

Ion Ratio Lower Upper

169 100

168 67.3 54.4 81.6

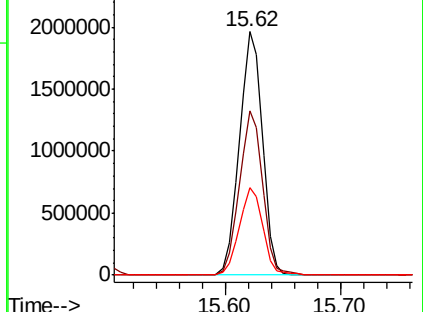
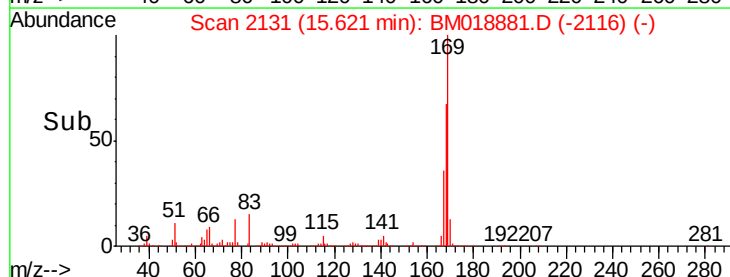
167 36.1 29.0 43.6

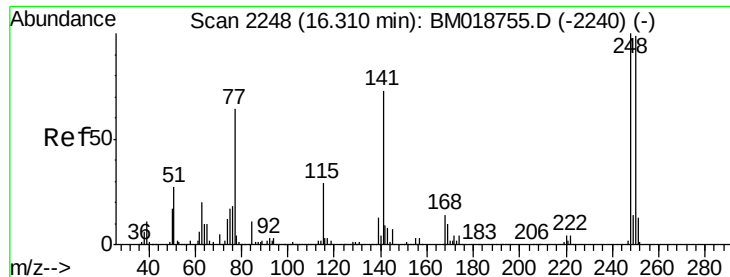


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

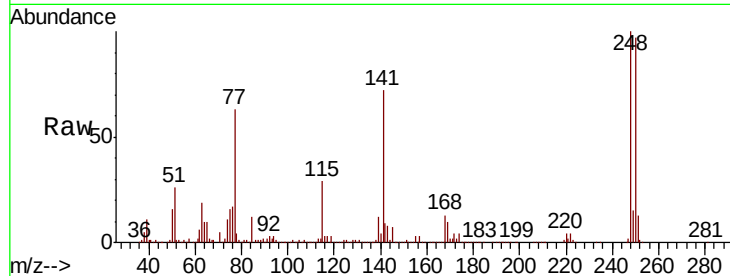




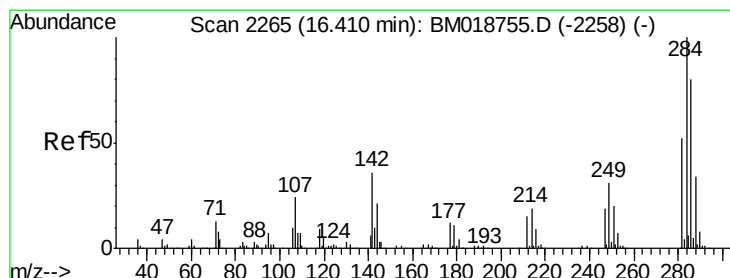
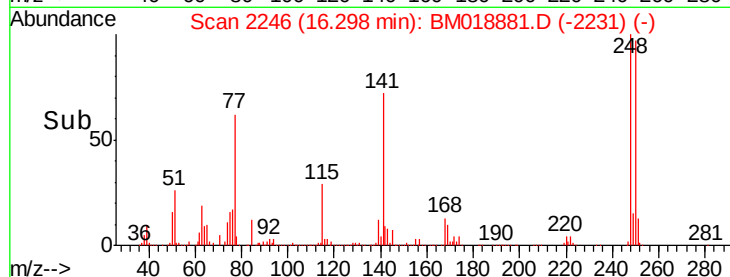
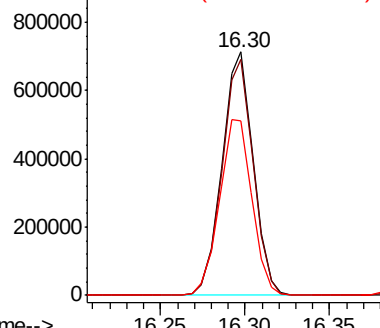
#67
4-Bromophenyl-phenylether
Concen: 46.217 ng
RT: 16.30 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BM018881.D
Acq: 20 Feb 2019 13:15

Instrument :
BNA_M
ClientSampleId :
MW-1MSD

Tot Ion:248 Resp: 915982
Ion Ratio Lower Upper
248 100
250 96.7 79.0 118.6
141 71.7 58.6 88.0

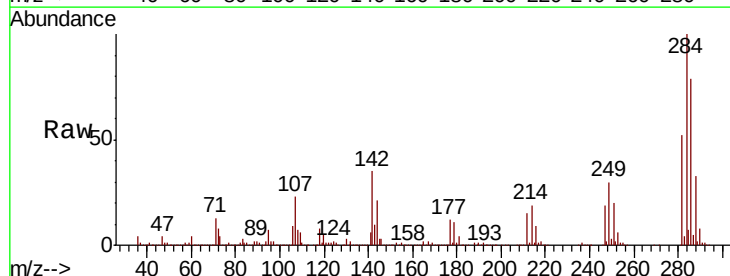


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

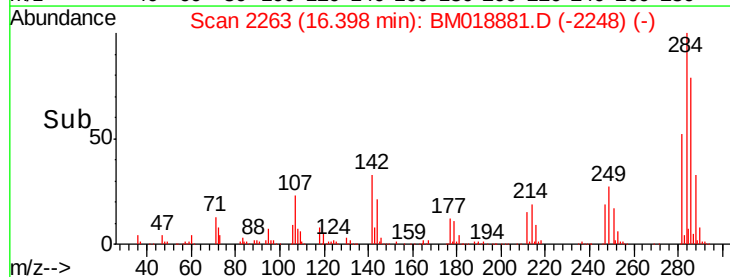
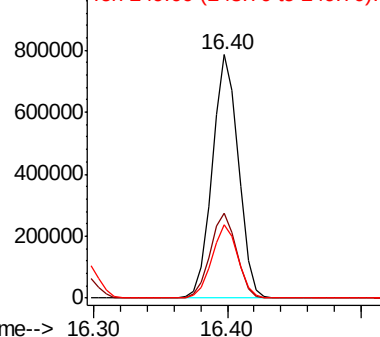


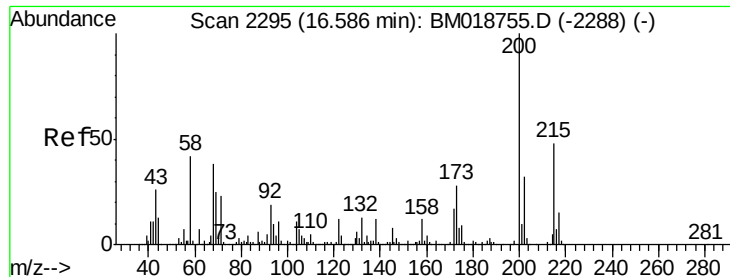
#68
Hexachlorobenzene
Concen: 45.755 ng
RT: 16.40 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BM018881.D
Acq: 20 Feb 2019 13:15

Tgt Ion:284 Resp: 1054052
Ion Ratio Lower Upper
284 100
142 34.8 28.9 43.3
249 30.2 24.8 37.2



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

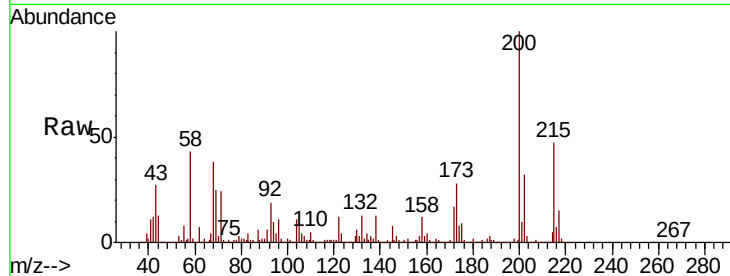




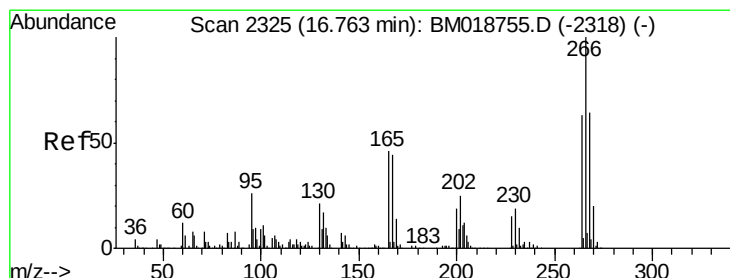
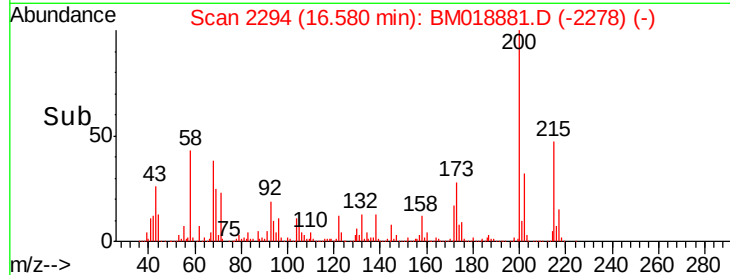
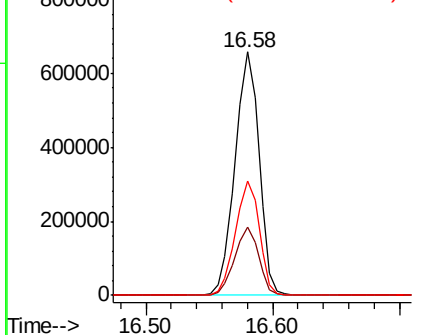
#69
 Atrazine
 Concen: 47.815 ng
 RT: 16.58 min Scan# 2294
 Delta R.T. -0.01 min
 Lab File: BM018881.D
 Acq: 20 Feb 2019 13:15

Instrument :
 BNA_M
 ClientSampleId :
 MW-1MSD

Tot Ion:200 Resp: 862343
 Ion Ratio Lower Upper
 200 100
 173 28.1 7.6 47.6
 215 47.1 27.6 67.6

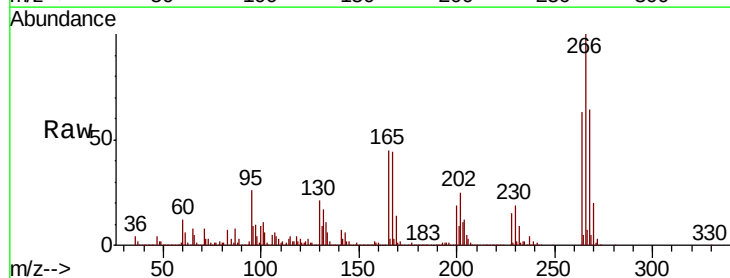


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

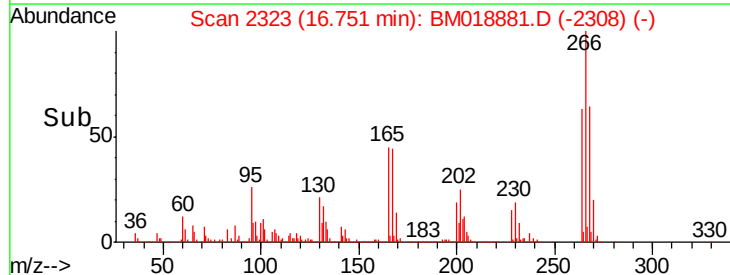
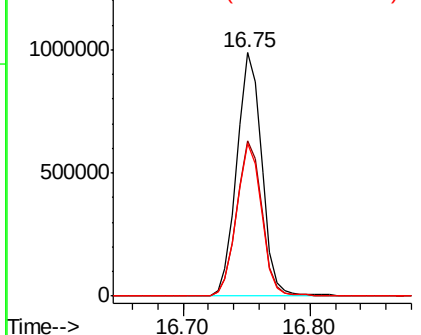


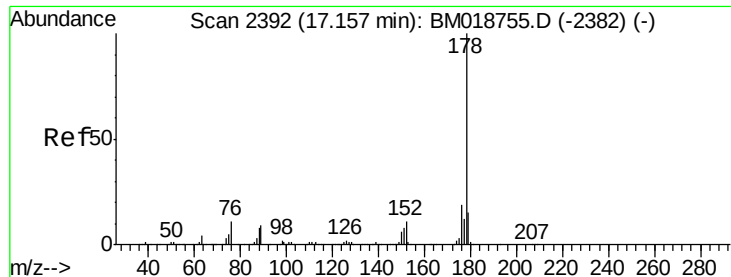
#70
 Pentachlorophenol
 Concen: 91.020 ng
 RT: 16.75 min Scan# 2323
 Delta R.T. -0.01 min
 Lab File: BM018881.D
 Acq: 20 Feb 2019 13:15

Tgt Ion:266 Resp: 1350093
 Ion Ratio Lower Upper
 266 100
 268 64.0 51.3 76.9
 264 62.8 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

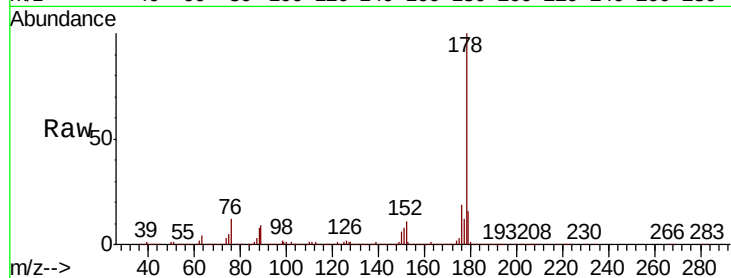




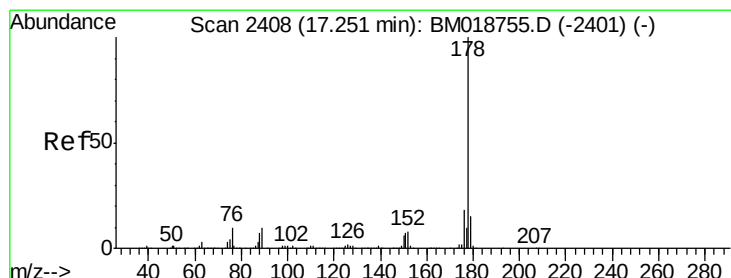
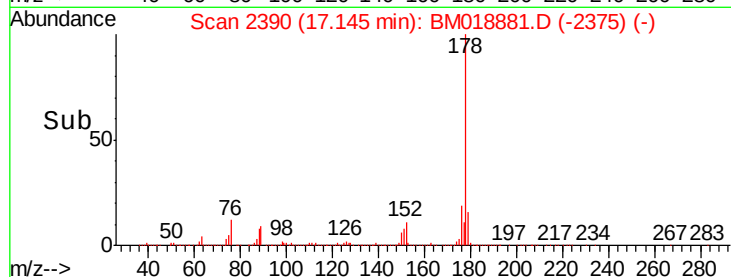
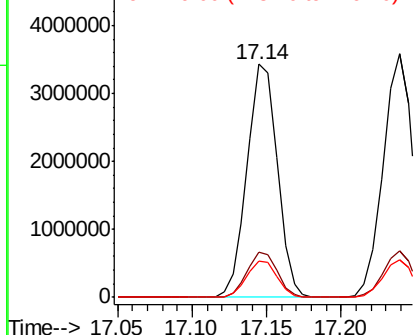
#71
Phenanthrene
Concen: 50.574 ng
RT: 17.14 min Scan# 2390
Delta R.T. -0.01 min
Lab File: BM018881.D
Acq: 20 Feb 2019 13:15

Instrument :
BNA_M
ClientSampleId :
MW-1MSD

Tot Ion:178 Resp: 4812444
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.5 12.3 18.5

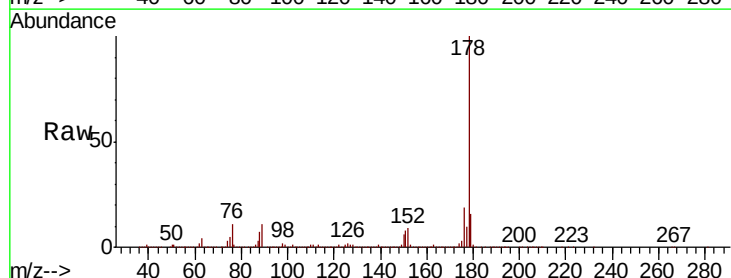


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

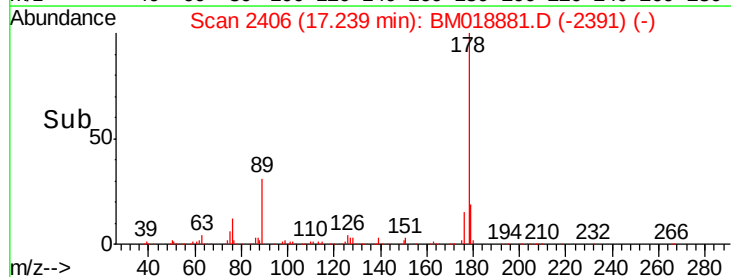
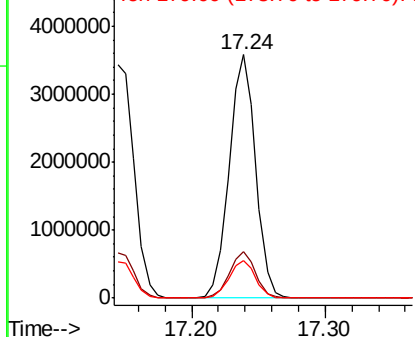


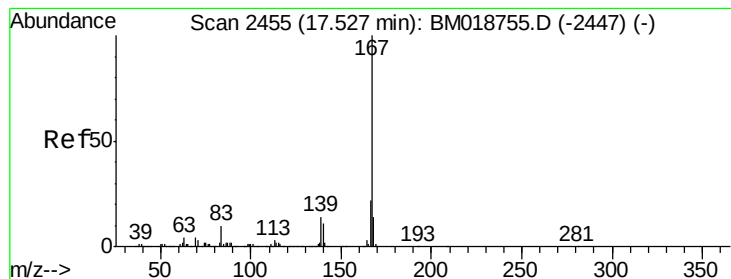
#72
Anthracene
Concen: 53.187 ng
RT: 17.24 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BM018881.D
Acq: 20 Feb 2019 13:15

Tgt Ion:178 Resp: 4926143
Ion Ratio Lower Upper
178 100
176 18.9 14.8 22.2
179 15.7 12.1 18.1



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





#73

Carbazole

Concen: 47.541 ng

RT: 17.52 min Scan# 2453

Delta R.T. -0.01 min

Lab File: BM018881.D

Acq: 20 Feb 2019 13:15

Instrument :

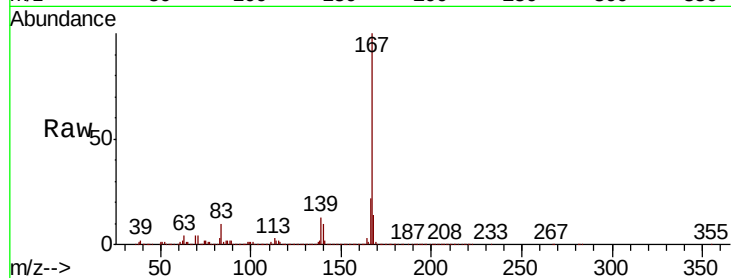
BNA_M

ClientSampleId :

MW-1MSD

Tot Ion:167 Resp: 4600251

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.7	26.5
139	13.4	10.9	16.3

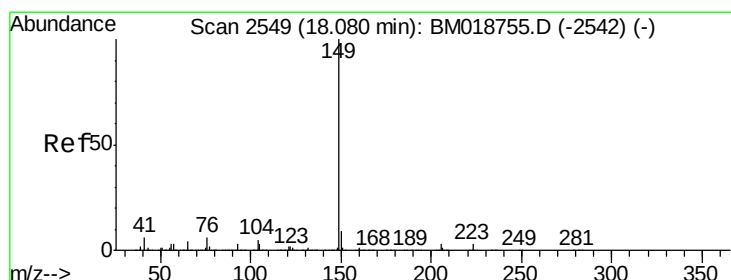
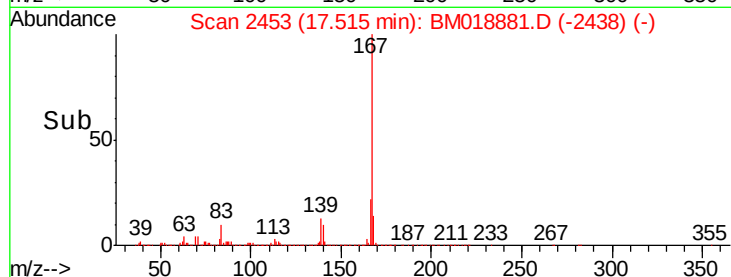
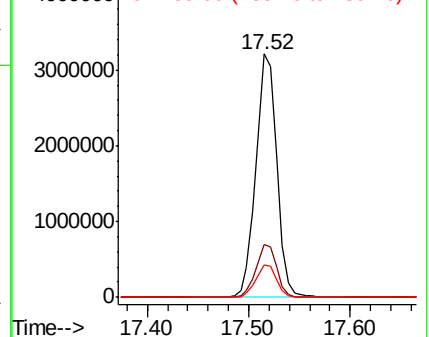


Abundance

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: 52.289 ng

RT: 18.07 min Scan# 2547

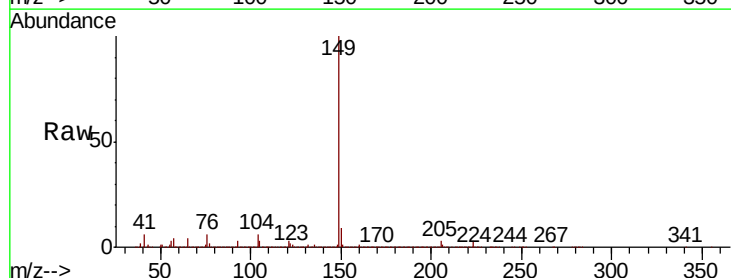
Delta R.T. -0.01 min

Lab File: BM018881.D

Acq: 20 Feb 2019 13:15

Tgt Ion:149 Resp: 5819061

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.0
104	5.6	4.3	6.5

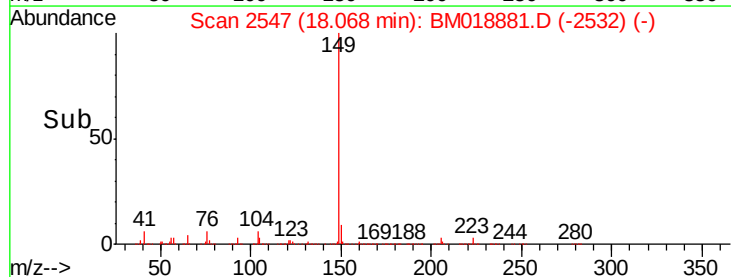
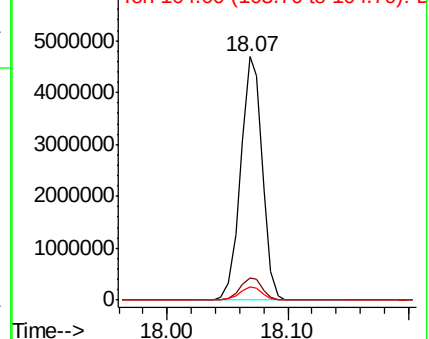


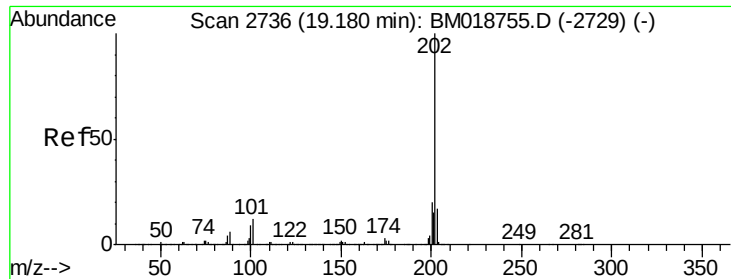
Abundance

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: 51.139 ng

RT: 19.17 min Scan# 2734

Delta R.T. -0.01 min

Lab File: BM018881.D

Acq: 20 Feb 2019 13:15

Instrument :

BNA_M

ClientSampleId :

MW-1MSD

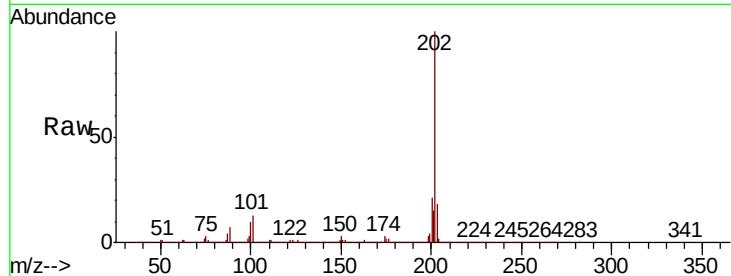
Tot Ion:202 Resp: 5621091

Ion Ratio Lower Upper

202 100

101 12.9 0.0 31.5

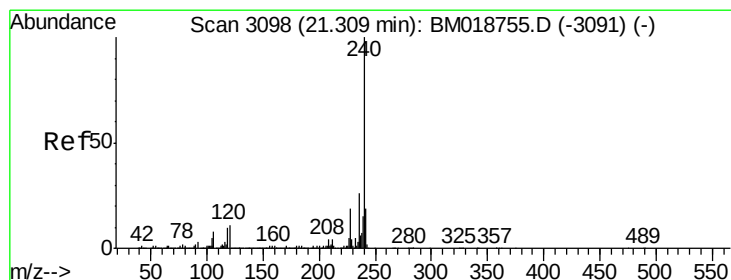
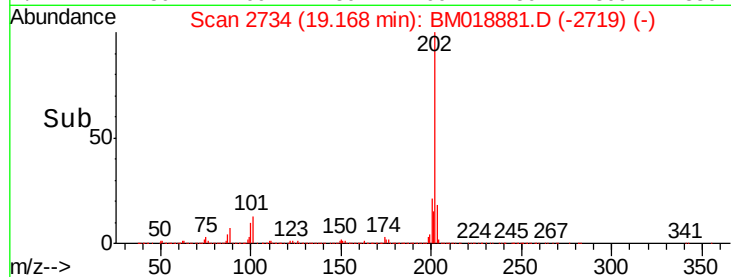
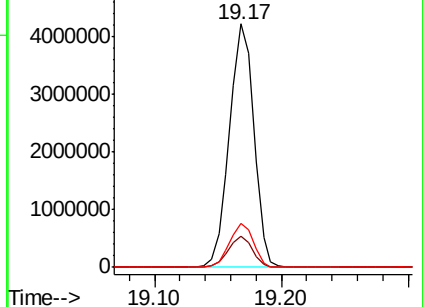
203 18.0 0.0 37.3



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: 21.30 min Scan# 3097

Delta R.T. -0.01 min

Lab File: BM018881.D

Acq: 20 Feb 2019 13:15

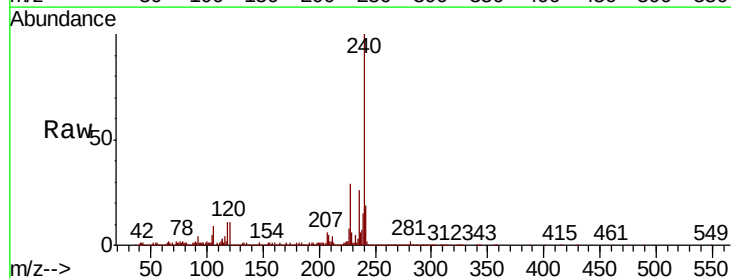
Tgt Ion:240 Resp: 1795447

Ion Ratio Lower Upper

240 100

120 11.3 8.9 13.3

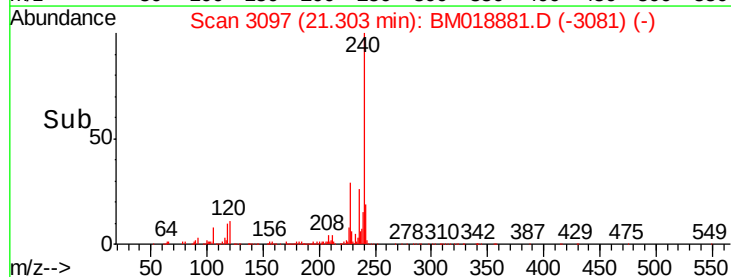
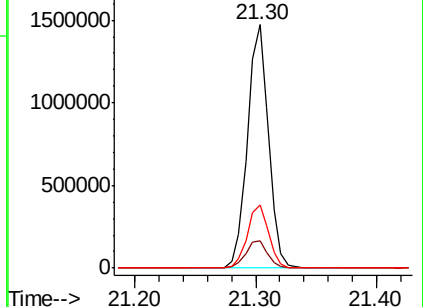
236 25.9 20.9 31.3

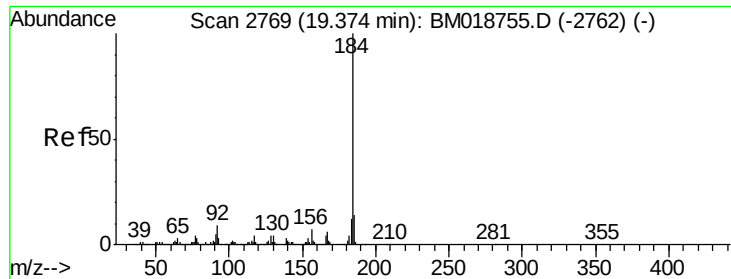


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.026 ng

RT: 19.39 min Scan# 2771

Delta R.T. 0.01 min

Lab File: BM018881.D

Acq: 20 Feb 2019 13:15

Instrument :

BNA_M

ClientSampleId :

MW-1MSD

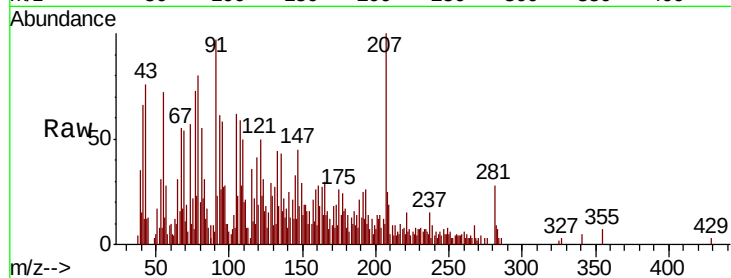
Tot Ion:184 Resp: 1051

Ion Ratio Lower Upper

184 100

185 153.7 11.2 16.8#

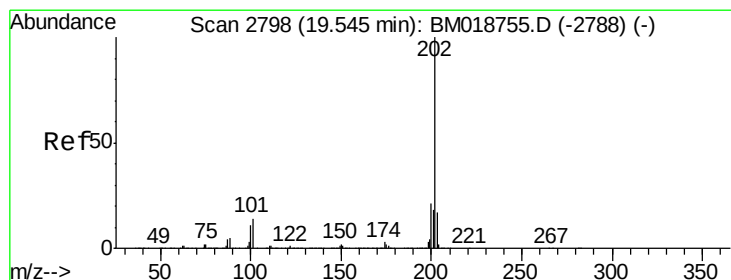
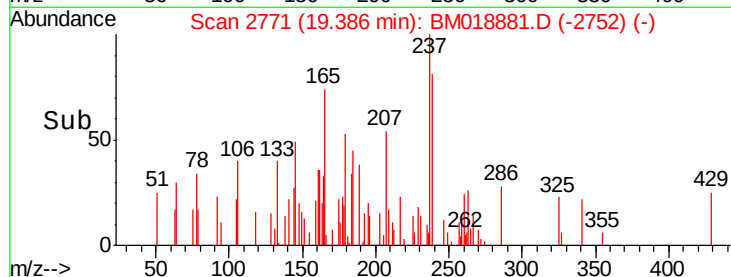
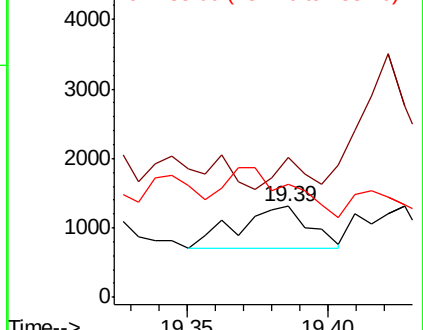
183 123.3 9.7 14.5#



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: 55.024 ng

RT: 19.53 min Scan# 2796

Delta R.T. -0.01 min

Lab File: BM018881.D

Acq: 20 Feb 2019 13:15

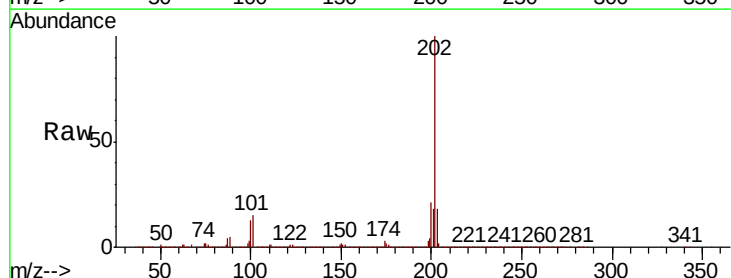
Tgt Ion:202 Resp: 5737739

Ion Ratio Lower Upper

202 100

200 21.5 16.9 25.3

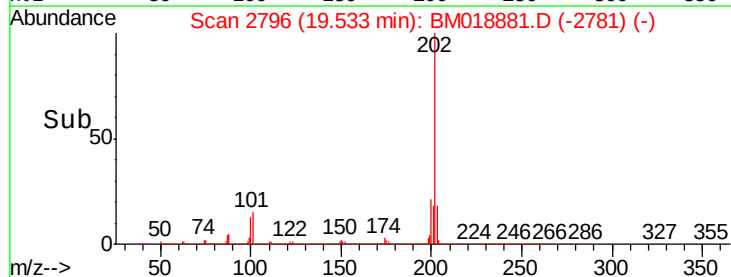
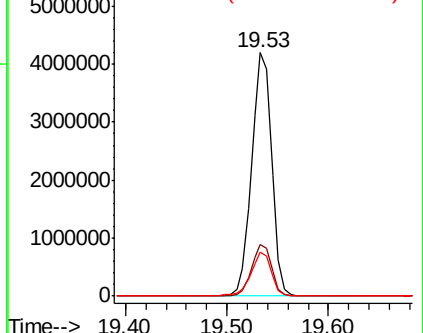
203 17.8 13.8 20.8

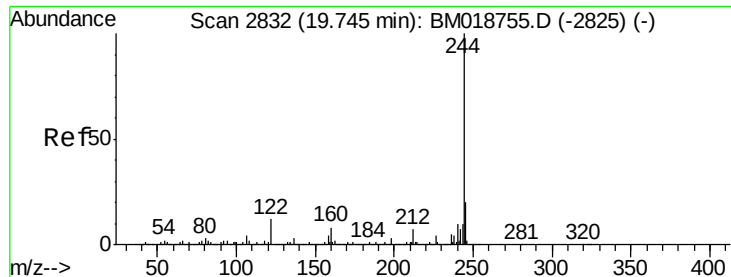


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

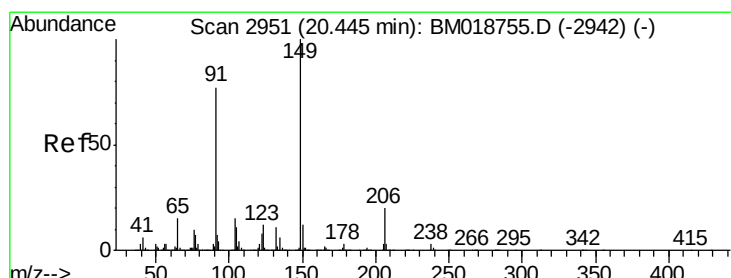
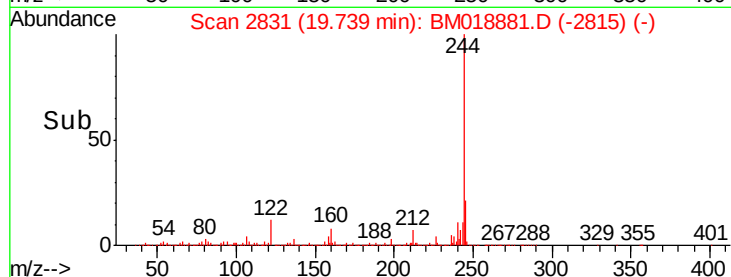
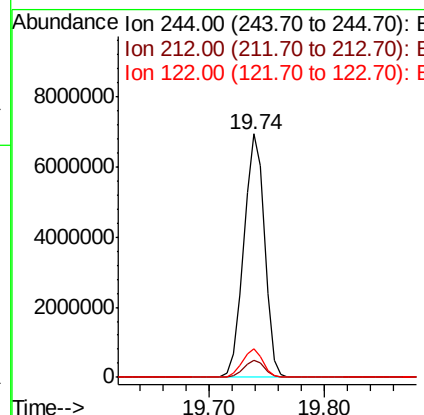
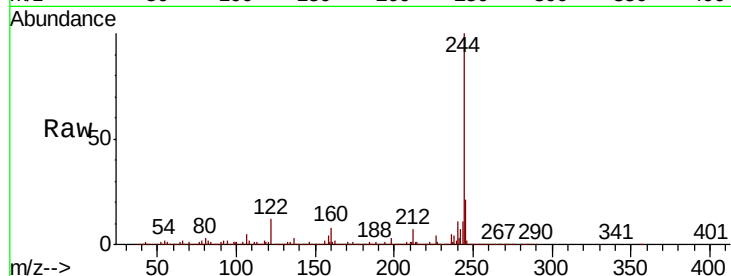




#79
 Terphenyl-d14
 Concen: 99.117 ng
 RT: 19.74 min Scan# 2831
 Delta R.T. -0.01 min
 Lab File: BM018881.D
 Acq: 20 Feb 2019 13:15

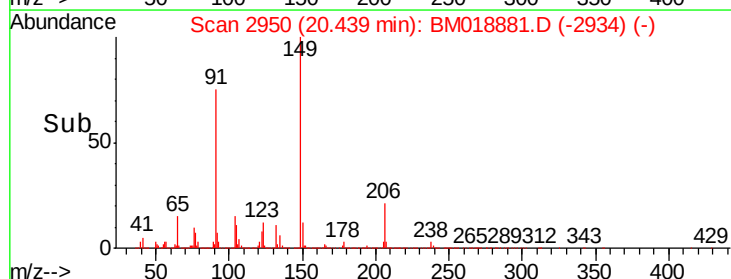
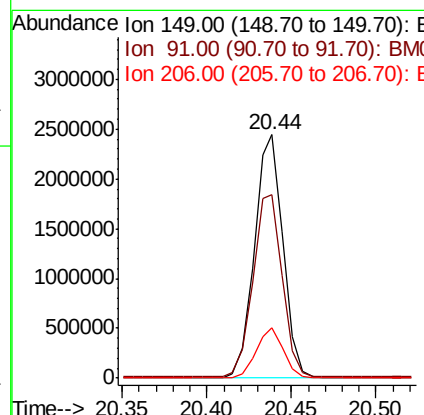
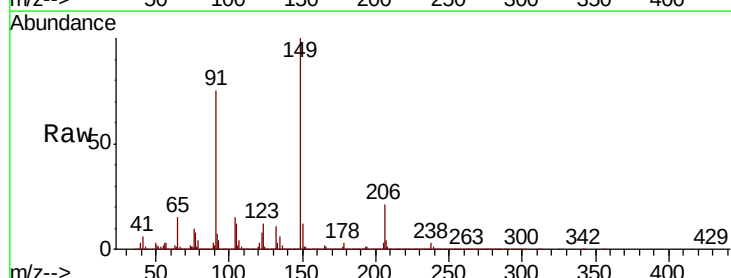
Instrument :
 BNA_M
 ClientSampleId :
 MW-1MSD

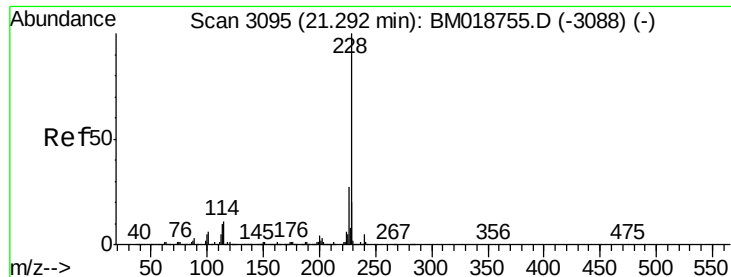
Tot Ion:244 Resp: 8626649
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 11.9 9.3 13.9



#80
 Butylbenzylphthalate
 Concen: 59.979 ng
 RT: 20.44 min Scan# 2950
 Delta R.T. -0.01 min
 Lab File: BM018881.D
 Acq: 20 Feb 2019 13:15

Tgt Ion:149 Resp: 2850411
 Ion Ratio Lower Upper
 149 100
 91 75.3 61.4 92.0
 206 20.6 15.8 23.8





#81

Benzo(a)anthracene

Concen: 51.768 ng

RT: 21.29 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM018881.D

Acq: 20 Feb 2019 13:15

Instrument :

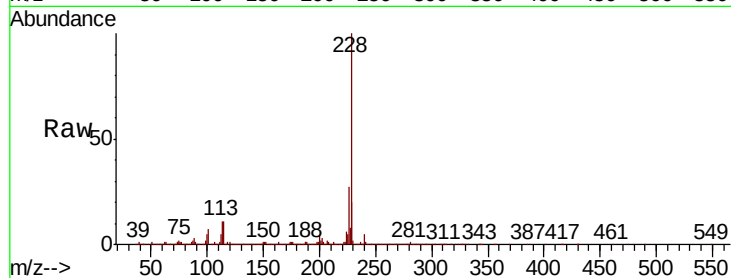
BNA_M

ClientSampleId :

MW-1MSD

Tot Ion:228 Resp: 5417998

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.9	32.9
229	19.9	15.9	23.9

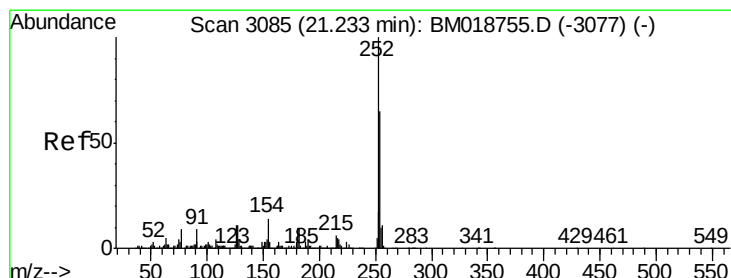
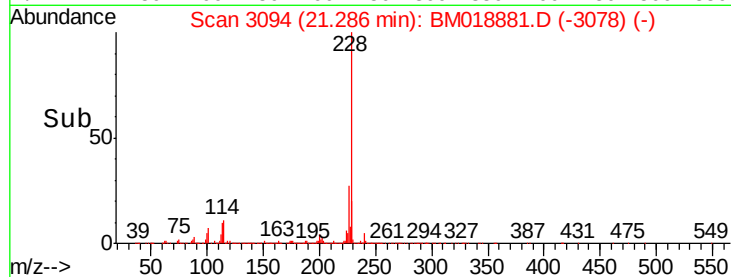
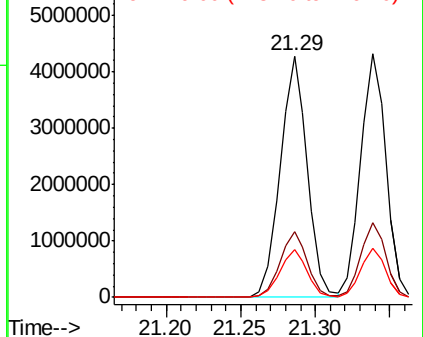


Abundance

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: 3.098 ng

RT: 21.23 min Scan# 3084

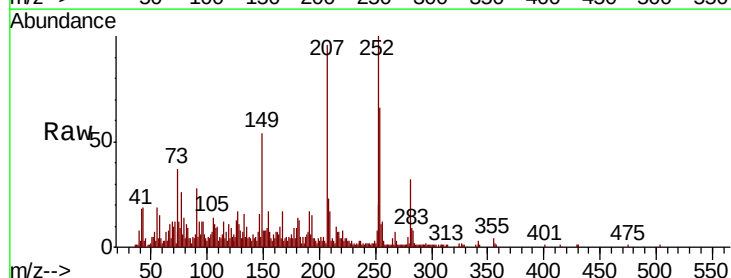
Delta R.T. -0.01 min

Lab File: BM018881.D

Acq: 20 Feb 2019 13:15

Tgt Ion:252 Resp: 128145

Ion	Ratio	Lower	Upper
252	100		
254	66.2	51.8	77.8
126	13.3	9.1	13.7

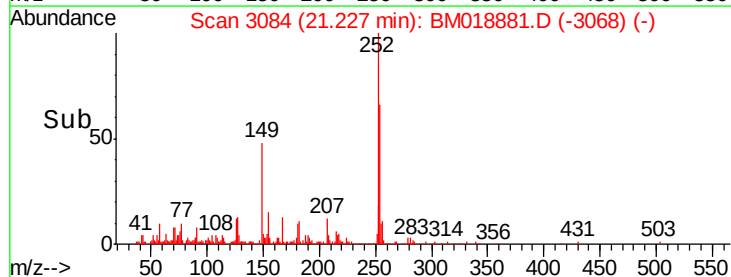
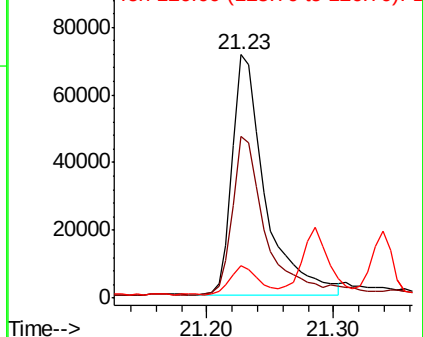


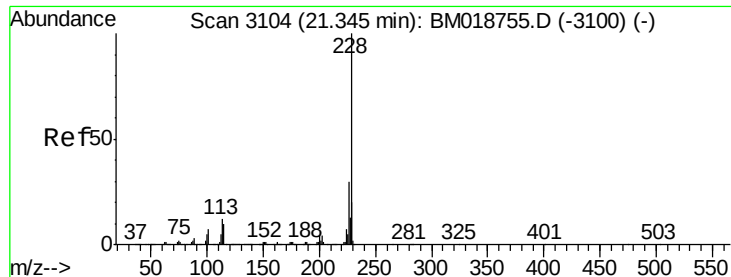
Abundance

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: 50.293 ng

RT: 21.34 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM018881.D

Acq: 20 Feb 2019 13:15

Instrument :

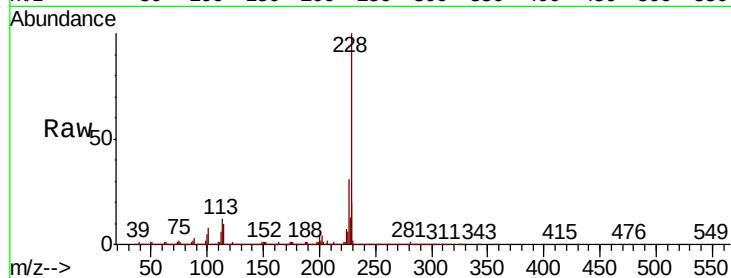
BNA_M

ClientSampleId :

MW-1MSD

Tot Ion:228 Resp: 5045150

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.1	36.1
229	20.1	16.0	24.0

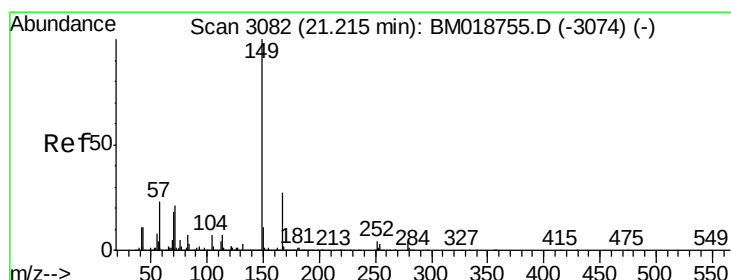
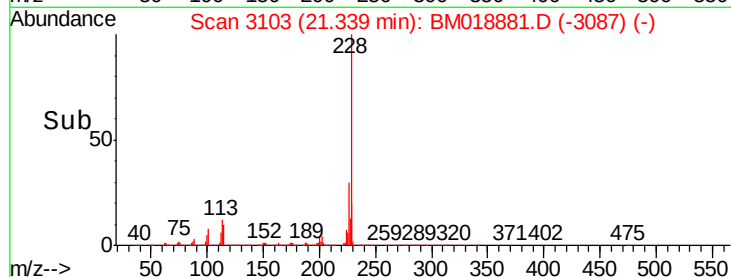
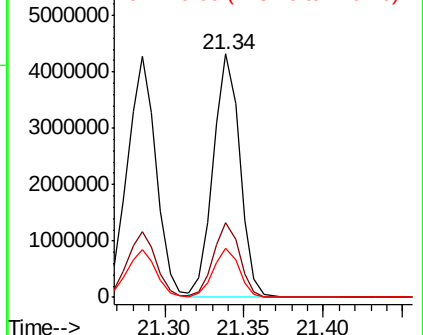


Abundance

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: 58.913 ng

RT: 21.21 min Scan# 3081

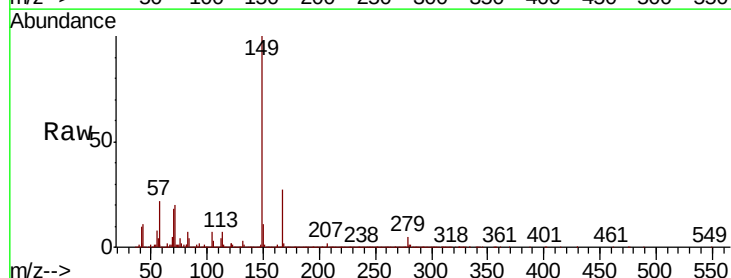
Delta R.T. -0.01 min

Lab File: BM018881.D

Acq: 20 Feb 2019 13:15

Tgt Ion:149 Resp: 4097769

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.8	32.6
279	4.8	3.6	5.4

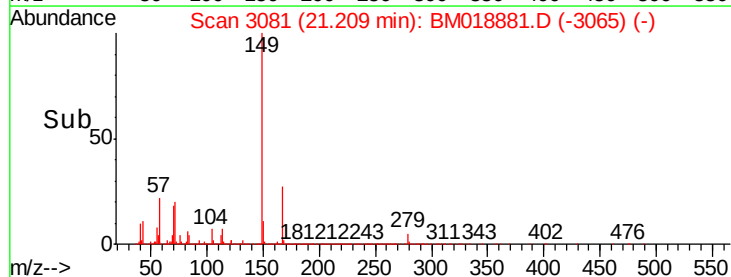
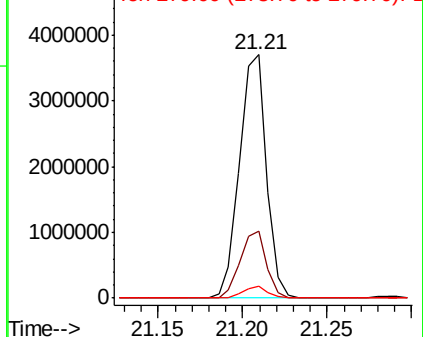


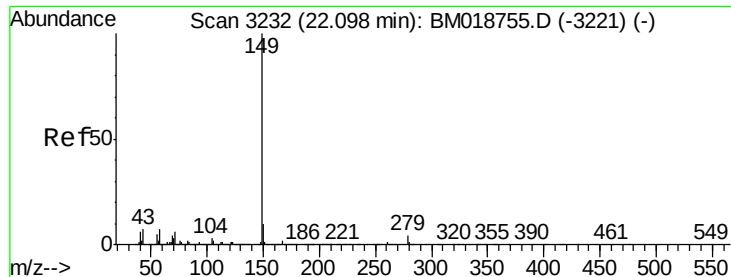
Abundance

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: 58.635 ng

RT: 22.09 min Scan# 3230

Delta R.T. -0.01 min

Lab File: BM018881.D

Acq: 20 Feb 2019 13:15

Instrument :

BNA_M

ClientSampleId :

MW-1MSD

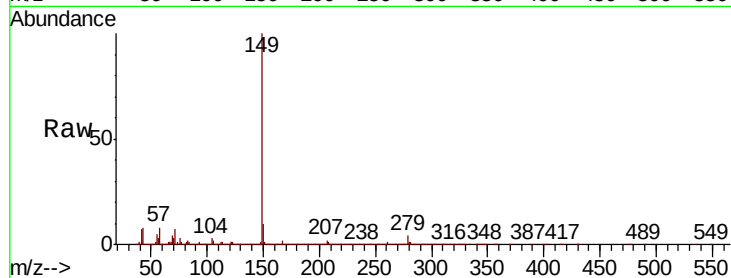
Tot Ion:149 Resp: 6854629

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

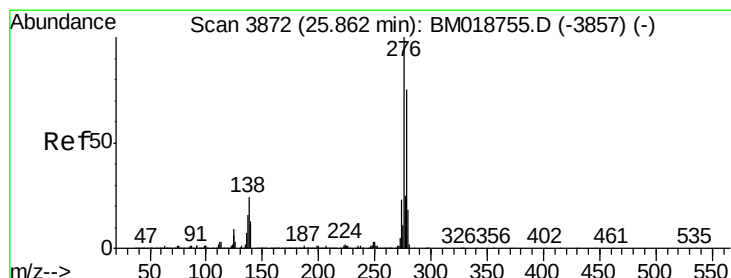
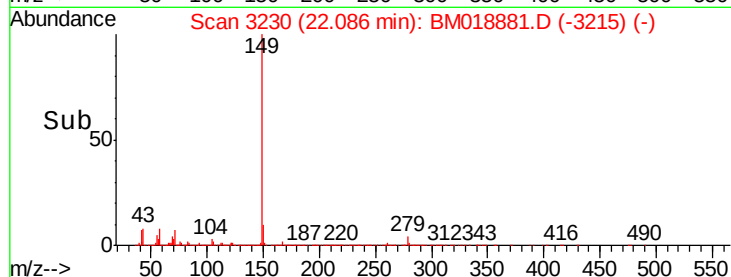
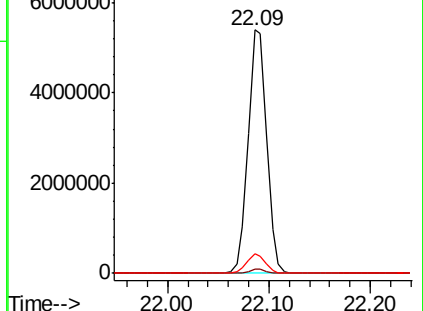
43 7.5 6.0 9.0



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: 40.633 ng

RT: 25.84 min Scan# 3869

Delta R.T. -0.02 min

Lab File: BM018881.D

Acq: 20 Feb 2019 13:15

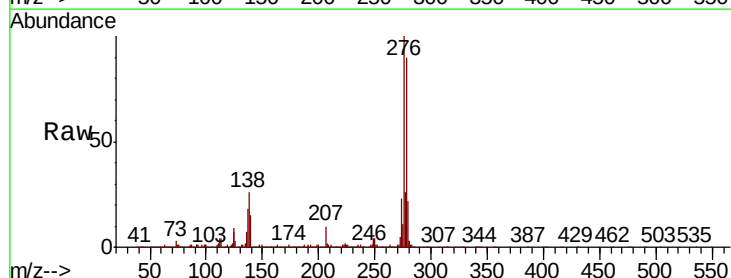
Tgt Ion:276 Resp: 4706044

Ion Ratio Lower Upper

276 100

138 25.5 20.2 30.4

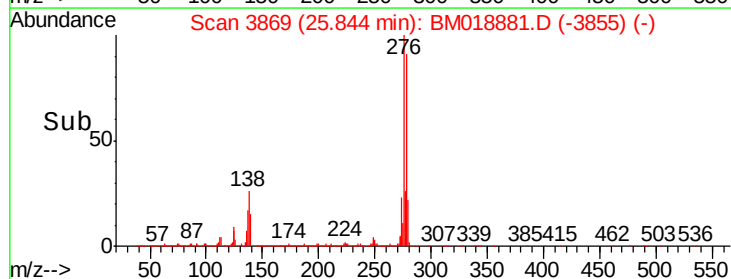
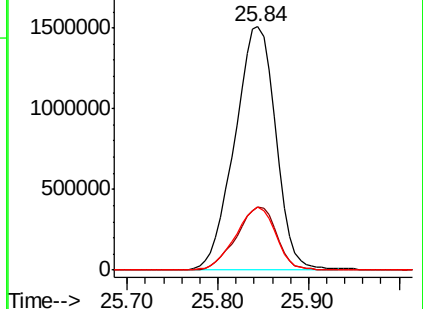
277 25.3 20.3 30.5

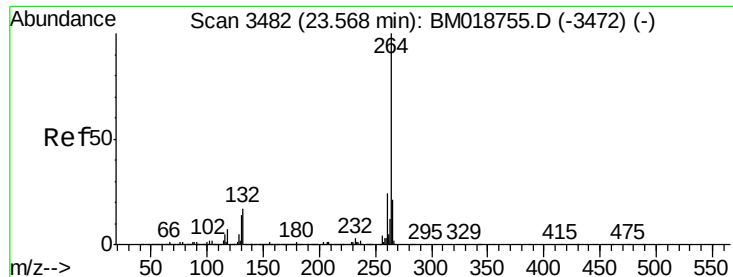


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



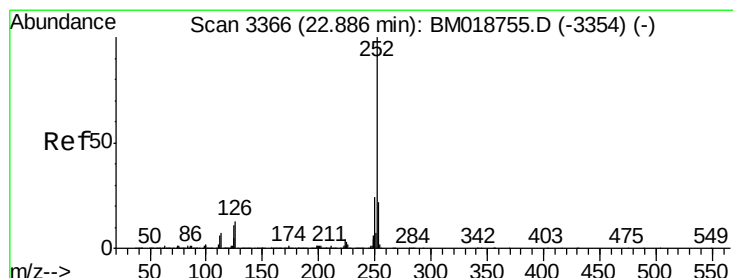
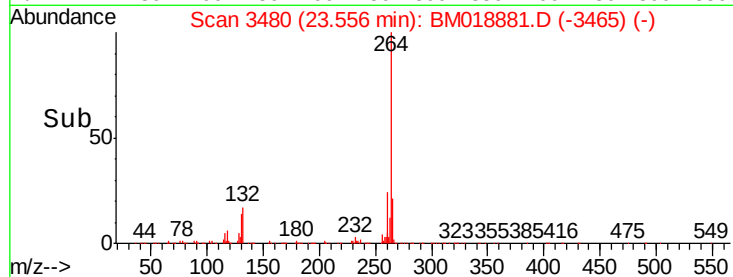
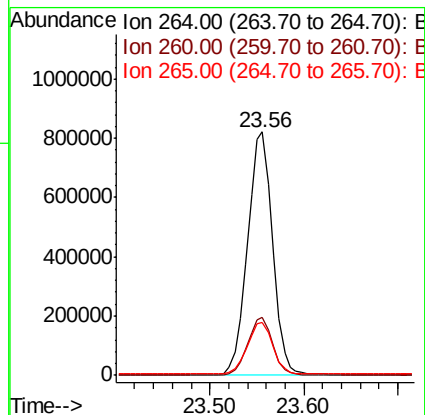
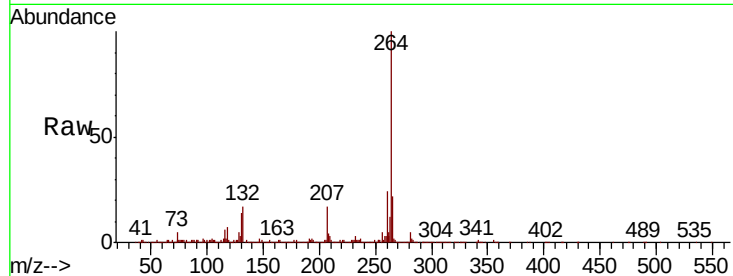


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.56 min Scan# 3480
Delta R.T. -0.01 min
Lab File: BM018881.D
Acq: 20 Feb 2019 13:15

Instrument :
BNA_M
ClientSampled :
MW-1MSD

Tot Ion:264 Resp: 1516960

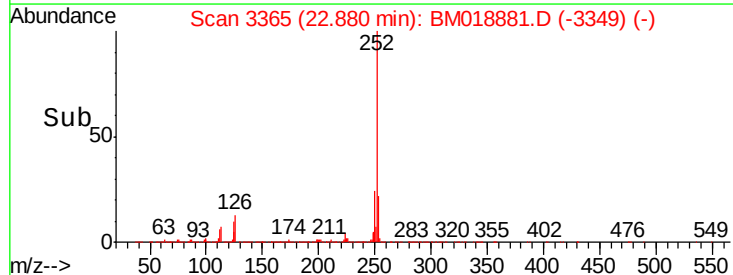
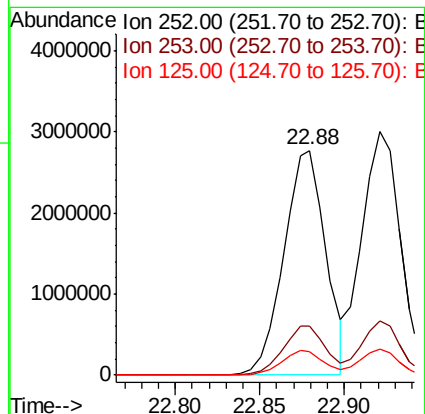
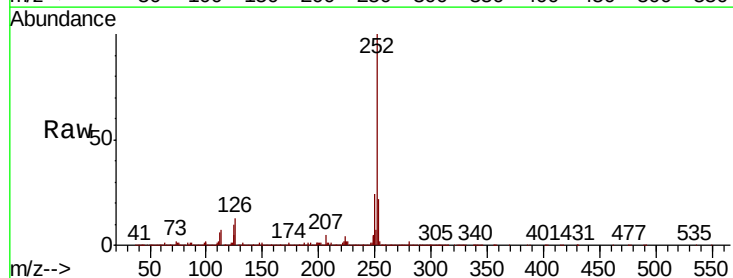
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	21.9	17.3	25.9

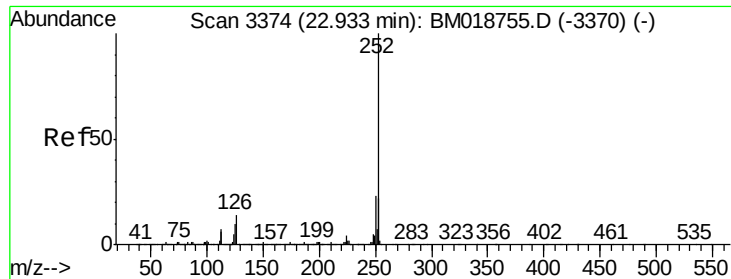


#88
Benzo(b)fluoranthene
Concen: 54.905 ng
RT: 22.88 min Scan# 3365
Delta R.T. -0.01 min
Lab File: BM018881.D
Acq: 20 Feb 2019 13:15

Tgt Ion:252 Resp: 4765293

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	10.2	8.6	12.8

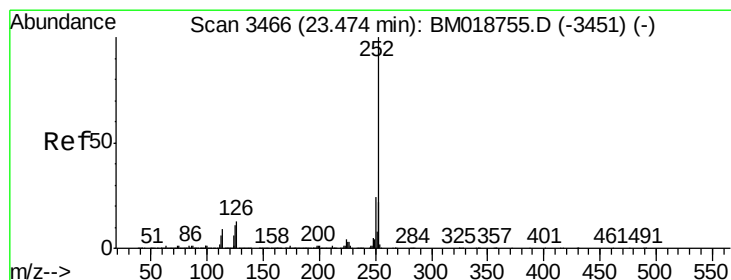
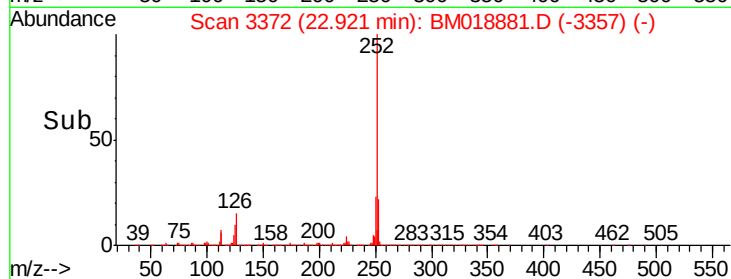
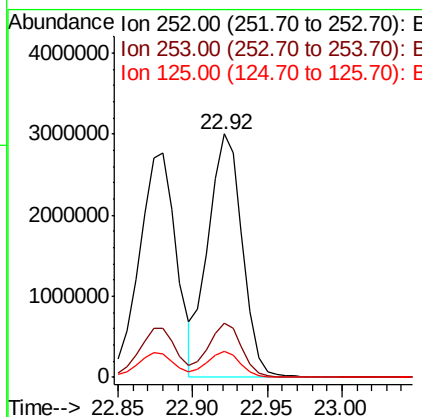
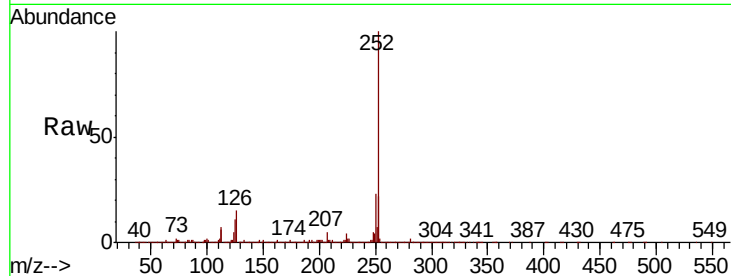




#89
Benzo(k)fluoranthene
Concen: 55.140 ng
RT: 22.92 min Scan# 3372
Delta R.T. -0.01 min
Lab File: BM018881.D
Acq: 20 Feb 2019 13:15

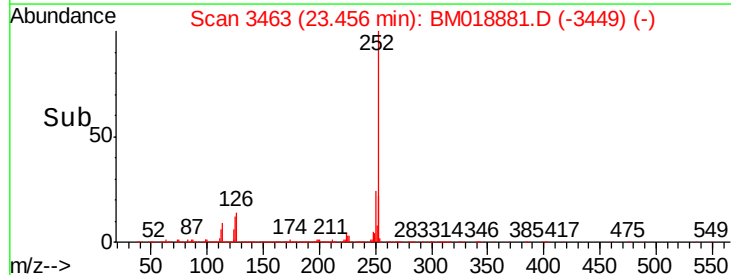
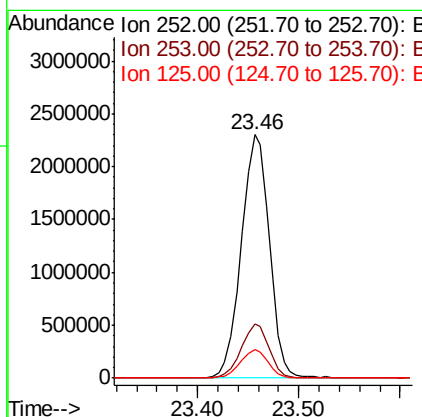
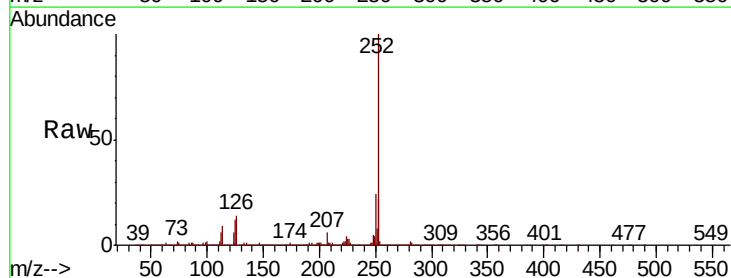
Instrument :
BNA_M
ClientSampleId :
MW-1MSD

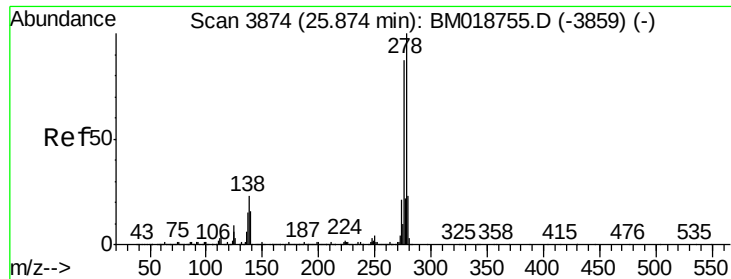
Tot Ion:252 Resp: 4764405
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 10.6 8.2 12.4



#90
Benzo(a)pyrene
Concen: 53.803 ng
RT: 23.46 min Scan# 3463
Delta R.T. -0.02 min
Lab File: BM018881.D
Acq: 20 Feb 2019 13:15

Tgt Ion:252 Resp: 4423666
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 11.9 8.6 13.0

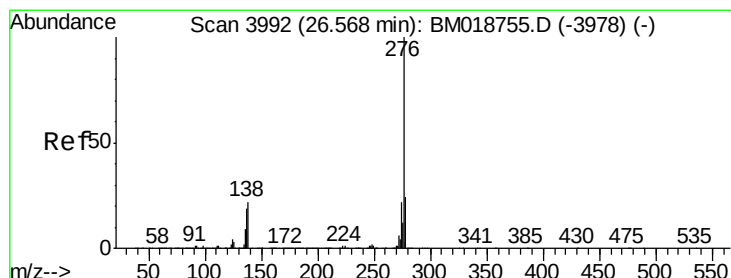
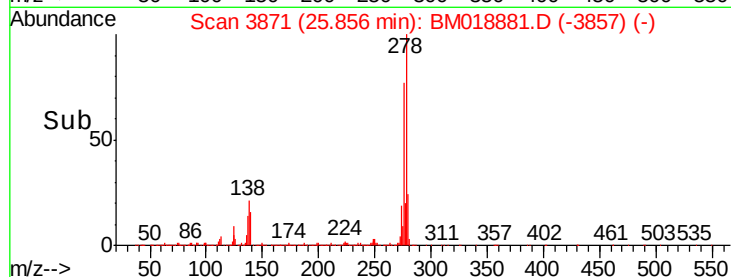
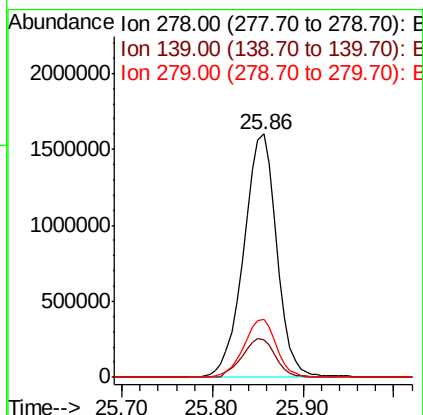
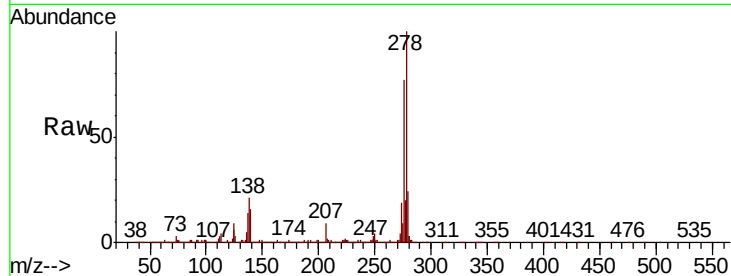




#91
Dibenzo(a,h)anthracene
Concen: 49.640 ng
RT: 25.86 min Scan# 3871
Delta R.T. -0.02 min
Lab File: BM018881.D
Acq: 20 Feb 2019 13:15

Instrument :
BNA_M
ClientSampleId :
MW-1MSD

Tot Ion:278 Resp: 4043551
Ion Ratio Lower Upper
278 100
139 15.7 12.6 18.8
279 23.7 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 48.791 ng
RT: 26.54 min Scan# 3988
Delta R.T. -0.02 min
Lab File: BM018881.D
Acq: 20 Feb 2019 13:15

Tgt Ion:276 Resp: 3700116
Ion Ratio Lower Upper
276 100
277 23.4 19.2 28.8
138 21.4 17.3 25.9

