

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021219\
 Data File : BM018784.D
 Acq On : 12 Feb 2019 22:06
 Operator : JU/SJ
 Sample : K1460-05MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-2-20190208MS

Quant Time: Feb 13 03:04:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	352817	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1477547	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	851528	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	1905418	20.00	ng	0.00
76) Chrysene-d12	21.31	240	1891406	20.00	ng	0.00
87) Perylene-d12	23.57	264	1565524	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	1348990	62.65	ng	0.00
7) Phenol-d6	6.89	99	1205832	39.75	ng	0.00
23) Nitrobenzene-d5	8.89	82	2762047	86.44	ng	0.00
42) 2,4,6-Tribromophenol	15.87	330	1650515	134.47	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	5476774	85.38	ng	0.00
79) Terphenyl-d14	19.75	244	8485143	92.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.26	88	144101	15.365	ng	99
3) Pyridine	3.66	79	350905	13.717	ng	99
4) n-Nitrosodimethylamine	3.58	42	136272	20.939	ng	# 90
6) Aniline	7.06	93	987099	26.558	ng	98
8) 2-Chlorophenol	7.28	128	857887	36.287	ng	98
9) Benzaldehyde	6.87	77	521407	29.177	ng	98
10) Phenol	6.92	94	616055	19.301	ng	98
11) bis(2-Chloroethyl)ether	7.15	93	1036727	42.579	ng	98
12) 1,3-Dichlorobenzene	7.60	146	1016416	38.234	ng	99
13) 1,4-Dichlorobenzene	7.75	146	1037987	38.354	ng	99
14) 1,2-Dichlorobenzene	8.06	146	1009673	38.839	ng	99
15) Benzyl Alcohol	7.96	79	671277	27.849	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.25	45	975366	41.390	ng	99
17) 2-Methylphenol	8.16	107	639126	31.461	ng	98
18) Hexachloroethane	8.78	117	384221	38.891	ng	99
19) n-Nitroso-di-n-propylamine	8.53	70	1009140	42.965	ng	100
20) 3+4-Methylphenols	8.49	107	777690	27.723	ng	97
22) Acetophenone	8.55	105	1662097	40.962	ng	100
24) Nitrobenzene	8.93	77	1408689	42.470	ng	100
25) Isophorone	9.45	82	2560813	50.225	ng	100
26) 2-Nitrophenol	9.63	139	559907	42.388	ng	99
27) 2,4-Dimethylphenol	9.69	122	852980	44.212	ng	99
28) bis(2-Chloroethoxy)methane	9.93	93	1496089	45.375	ng	93
29) 2,4-Dichlorophenol	10.16	162	941620	42.506	ng	99
30) 1,2,4-Trichlorobenzene	10.36	180	1016749	39.743	ng	97
31) Naphthalene	10.56	128	3184464	44.191	ng	99
32) Benzoic acid	9.81	122	246513	14.648	ng	95
33) 4-Chloroaniline	10.68	127	986848	30.636	ng	99
34) Hexachlorobutadiene	10.82	225	560137	37.721	ng	98
36) 4-Chloro-3-methylphenol	11.80	107	1046277	39.173	ng	100
37) 2-Methylnaphthalene	12.17	142	2399707	47.298	ng	99
38) 1-Methylnaphthalene	12.39	142	2272044	45.795	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	1143881	41.993	ng	99
41) Hexachlorocyclopentadiene	12.50	237	1435922	103.105	ng	100

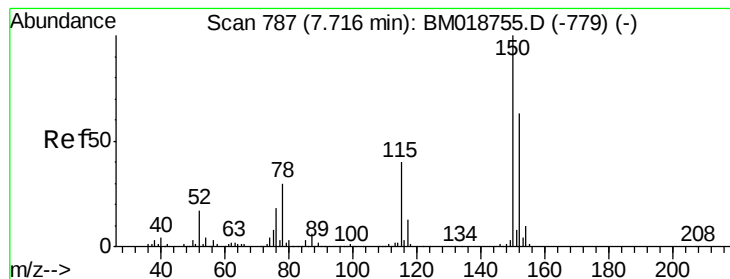
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021219\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.79	196	805761	44.684	ng	99
44) 2,4,5-Trichlorophenol	12.86	196	858852	45.441	ng	98
46) 1,1'-Biphenyl	13.19	154	3079159	42.009	ng	100
47) 2-Chloronaphthalene	13.24	162	2387575	42.173	ng	99
48) 2-Nitroaniline	13.46	65	876139	46.596	ng	98
49) Acenaphthylene	14.09	152	3905169	46.325	ng	99
50) Dimethylphthalate	13.83	163	3142630	44.284	ng	99
51) 2,6-Dinitrotoluene	13.96	165	690725	44.932	ng	97
52) Acenaphthene	14.43	154	2277152	44.054	ng	100
53) 3-Nitroaniline	14.30	138	587325	33.813	ng	99
54) 2,4-Dinitrophenol	14.50	184	807851	82.615	ng	96
55) Dibenzofuran	14.77	168	3698692	43.534	ng	100
56) 4-Nitrophenol	14.61	139	473159	34.124	ng	98
57) 2,4-Dinitrotoluene	14.75	165	982720	46.397	ng	99
58) Fluorene	15.42	166	3028913	46.600	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.99	232	787879	47.160	ng	100
60) Diethylphthalate	15.20	149	3291100	44.957	ng	99
61) 4-Chlorophenyl-phenylether	15.42	204	1531049	42.012	ng	95
62) 4-Nitroaniline	15.46	138	678340	39.835	ng	98
63) Azobenzene	15.71	77	3480141	44.338	ng	98
65) 4,6-Dinitro-2-methylphenol	15.51	198	526689	39.369	ng	99
66) n-Nitrosodiphenylamine	15.64	169	2657376	44.143	ng	100
67) 4-Bromophenyl-phenylether	16.31	248	915789	42.939	ng	100
68) Hexachlorobenzene	16.41	284	1045743	42.183	ng	99
69) Atrazine	16.60	200	871250	44.892	ng	100
70) Pentachlorophenol	16.77	266	1343464	84.166	ng	99
71) Phenanthrene	17.16	178	4701747	45.915	ng	100
72) Anthracene	17.25	178	4817103	48.331	ng	99
73) Carbazole	17.53	167	4477868	43.003	ng	100
74) Di-n-butylphthalate	18.09	149	5703730	47.627	ng	100
75) Fluoranthene	19.18	202	5471291	46.255	ng	99
77) Benzidine	19.38	184	822546	19.310	ng	100
78) Pyrene	19.54	202	5600667	50.984	ng	100
80) Butylbenzylphthalate	20.44	149	2707997	54.091	ng	98
81) Benzo(a)anthracene	21.29	228	5295797	48.033	ng	100
82) 3,3'-Dichlorobenzidine	21.23	252	1472826	33.801	ng	100
83) Chrysene	21.34	228	4923942	46.595	ng	99
84) Bis(2-ethylhexyl)phthalate	21.22	149	3845558	52.482	ng	99
85) Di-n-octyl phthalate	22.10	149	6330082	51.401	ng	100
86) Indeno(1,2,3-cd)pyrene	25.87	276	4350217	35.655	ng	100
88) Benzo(b)fluoranthene	22.89	252	4636631	51.766	ng	100
89) Benzo(k)fluoranthene	22.93	252	4537998	50.890	ng	100
90) Benzo(a)pyrene	23.47	252	4224501	49.787	ng	100
91) Dibenzo(a,h)anthracene	25.87	278	3715644	44.199	ng	99
92) Benzo(g,h,i)perylene	26.57	276	3435592	43.898	ng	100

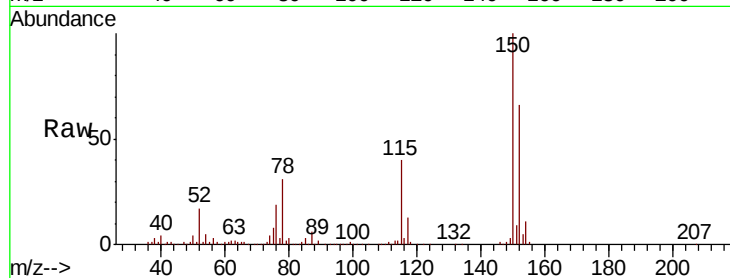
(#) = qualifier out of range (m) = manual integration (+) = signals summed



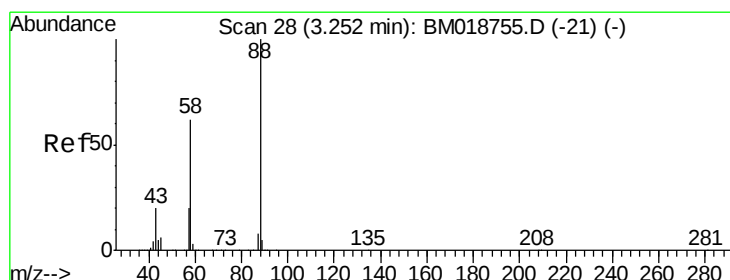
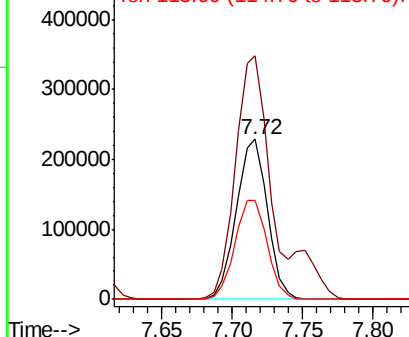
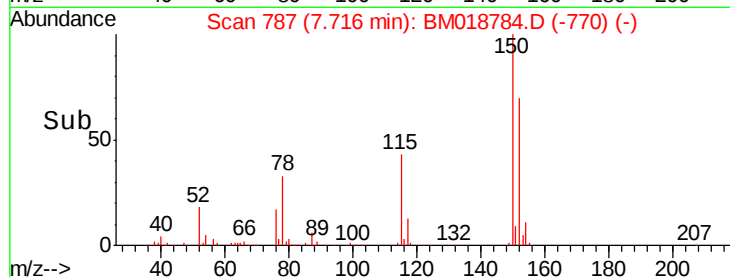
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.72 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BM018784.D
 Acq: 12 Feb 2019 22:06

Instrument :
 BNA_M
 ClientSampleId :
 MW-2-20190208MS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.2	127.3	190.9
115	61.6	50.8	76.2

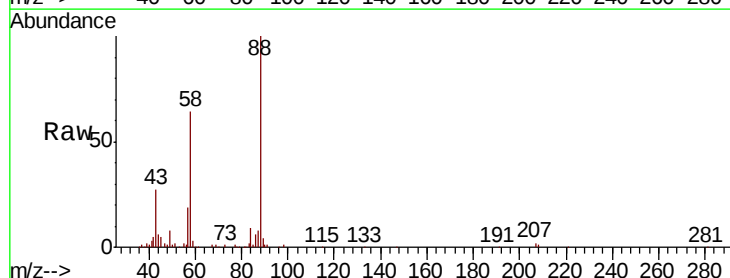


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

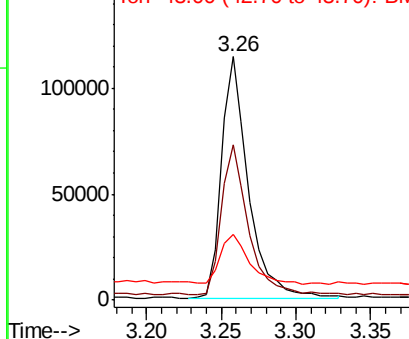
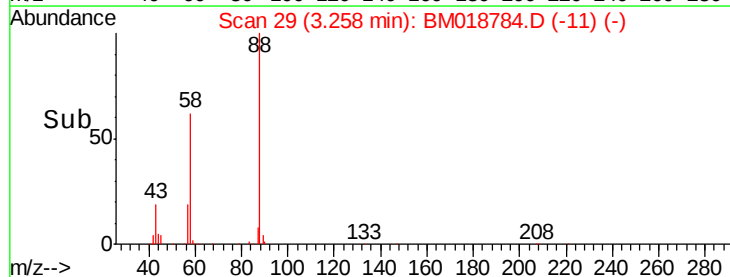


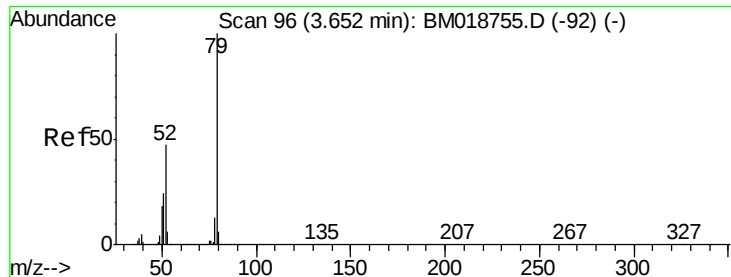
#2
 1,4-Dioxane
 Concen: 15.365 ng
 RT: 3.26 min Scan# 29
 Delta R.T. 0.01 min
 Lab File: BM018784.D
 Acq: 12 Feb 2019 22:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.4	49.8	74.6
43	21.2	16.7	25.1



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





#3

Pyridine

Concen: 13.717 ng

RT: 3.66 min Scan# 98

Delta R.T. 0.01 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

Instrument :

BNA_M

ClientSampleId :

MW-2-20190208MS

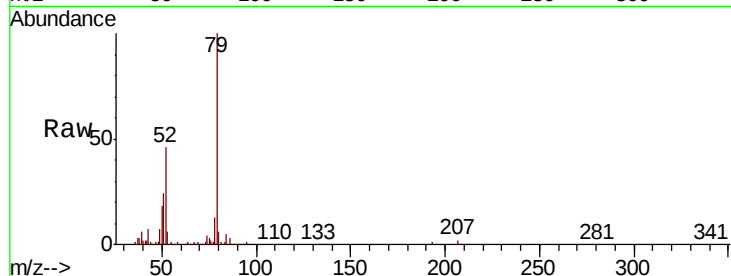
Tgt Ion: 79 Resp: 350905

Ion Ratio Lower Upper

79 100

52 46.1 37.6 56.4

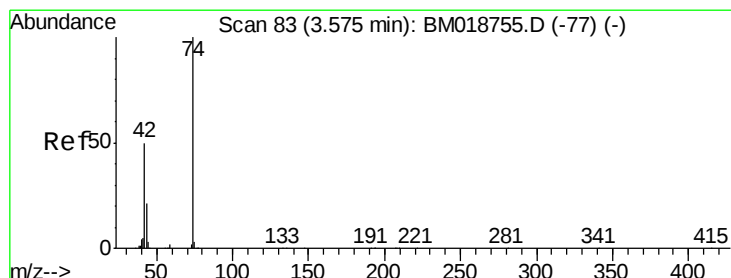
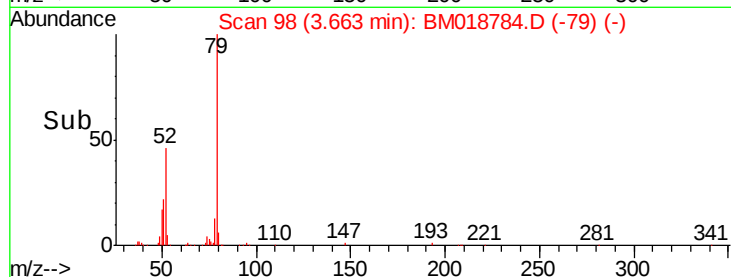
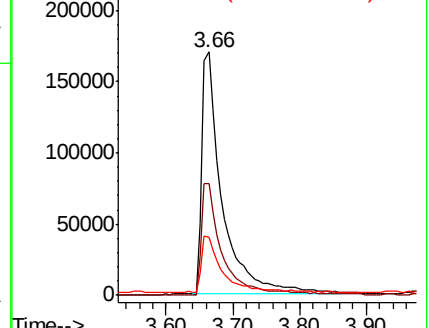
51 24.0 19.7 29.5



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: 20.939 ng

RT: 3.58 min Scan# 83

Delta R.T. -0.00 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

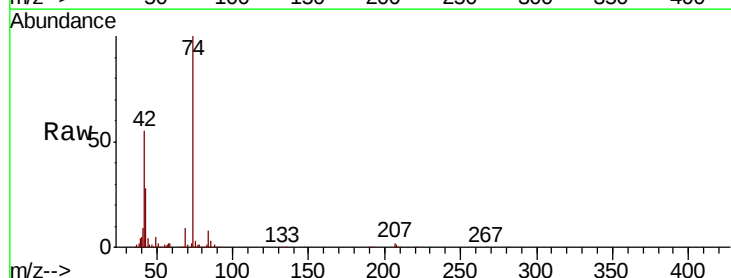
Tgt Ion: 42 Resp: 136272

Ion Ratio Lower Upper

42 100

74 183.0 158.1 237.1

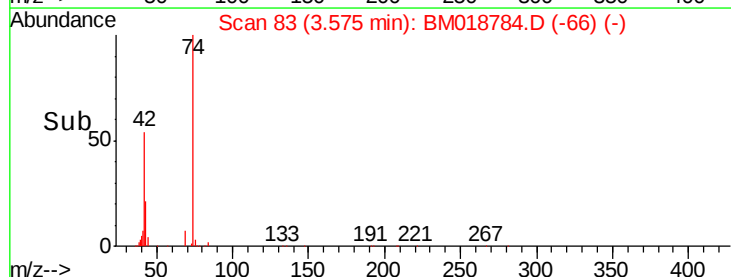
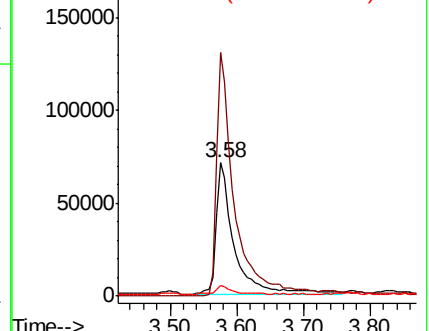
44 7.9 4.9 7.3#

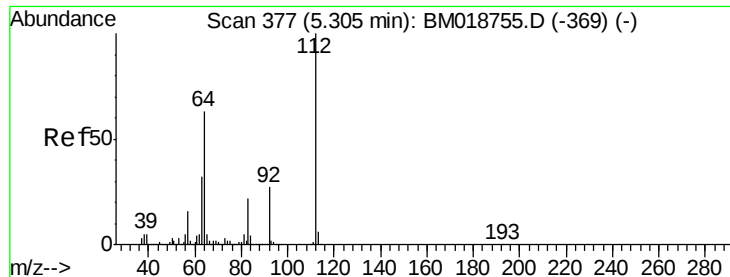


Abundance Ion 42.00 (41.70 to 42.70): BM018755.D (-77) (-)

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: 62.647 ng

RT: 5.31 min Scan# 378

Delta R.T. 0.01 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

Instrument :

BNA_M

ClientSampleId :

MW-2-20190208MS

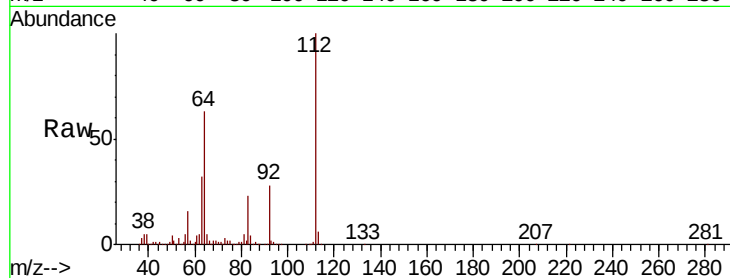
Tgt Ion: 112 Resp: 1348990

Ion Ratio Lower Upper

112 100

64 63.1 50.6 75.8

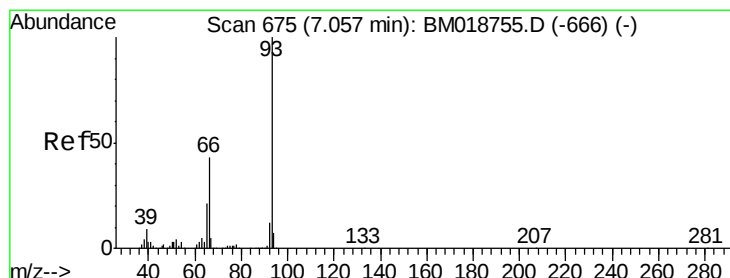
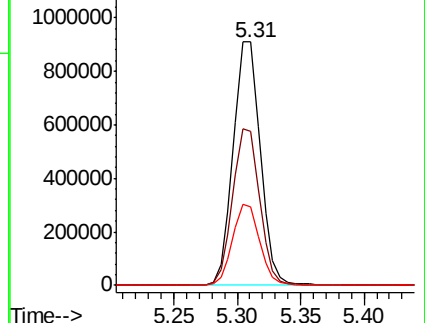
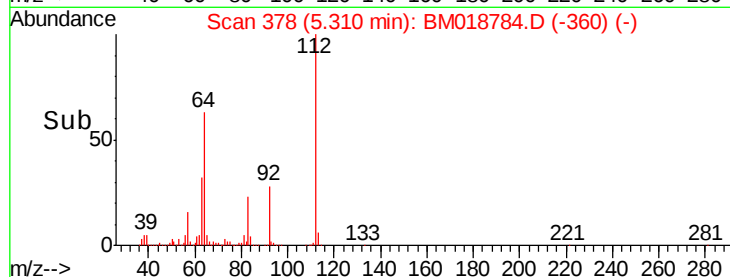
63 32.2 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 26.558 ng

RT: 7.06 min Scan# 675

Delta R.T. -0.00 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

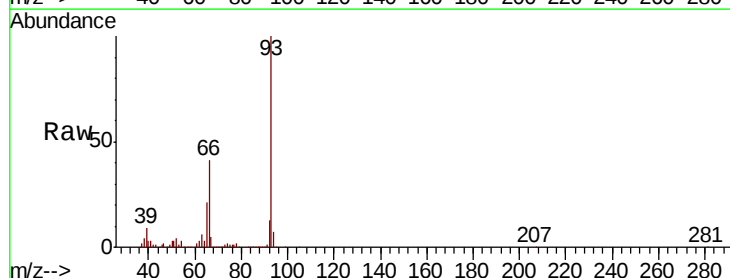
Tgt Ion: 93 Resp: 987099

Ion Ratio Lower Upper

93 100

66 41.4 34.1 51.1

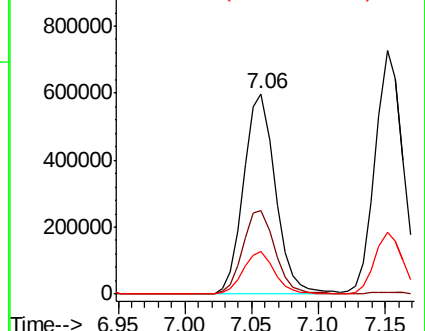
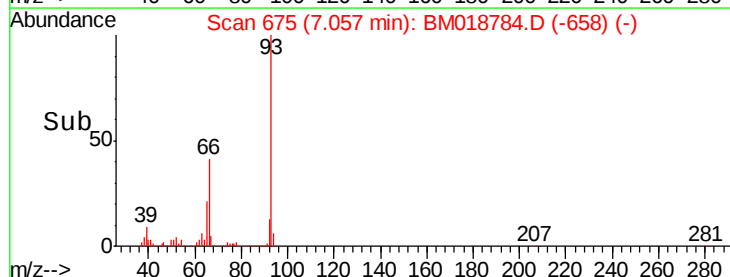
65 21.3 16.6 24.8

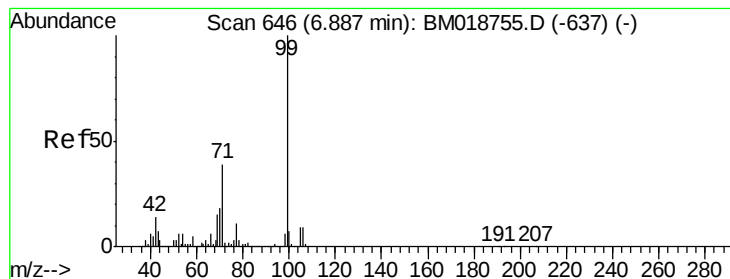


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 39.750 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.01 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

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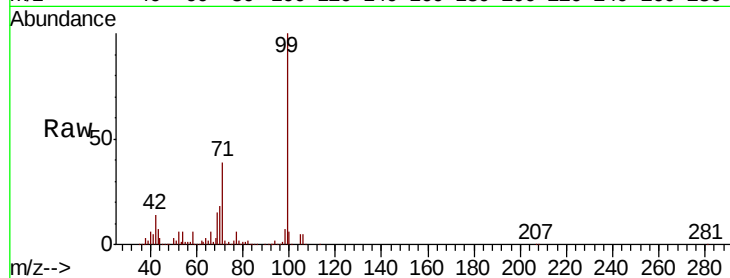
Tgt Ion: 99 Resp: 1205832

Ion Ratio Lower Upper

99 100

42 14.1 11.0 16.6

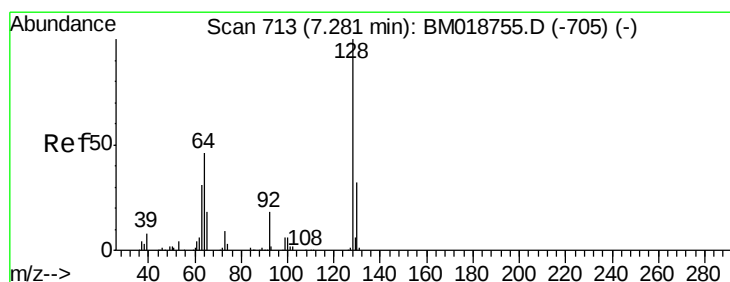
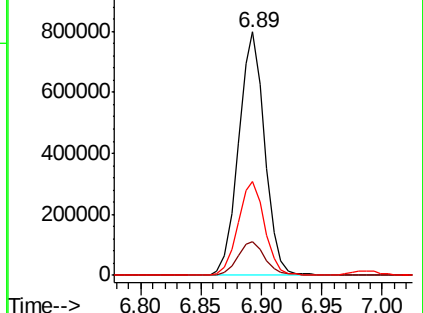
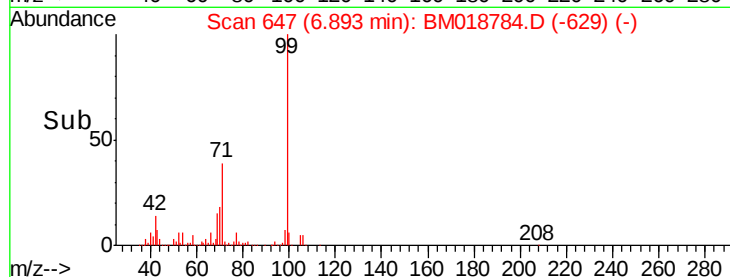
71 38.8 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018755.D (-637) (-)



#8

2-Chlorophenol

Concen: 36.287 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

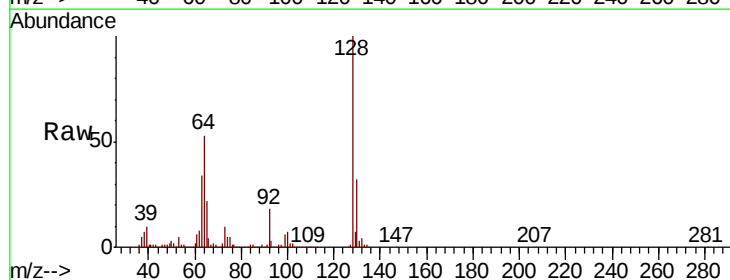
Tgt Ion: 128 Resp: 857887

Ion Ratio Lower Upper

128 100

130 32.3 11.7 51.7

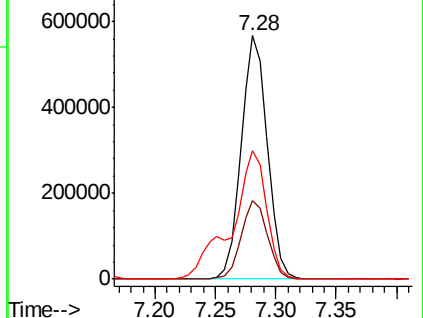
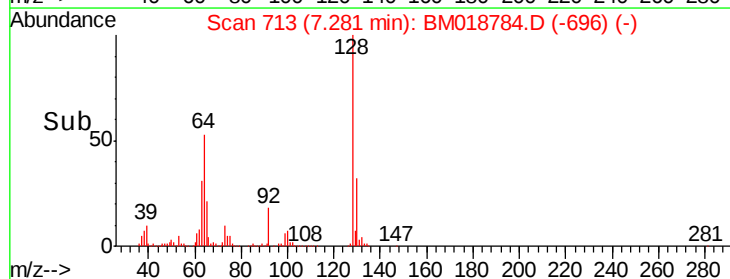
64 52.8 31.0 71.0

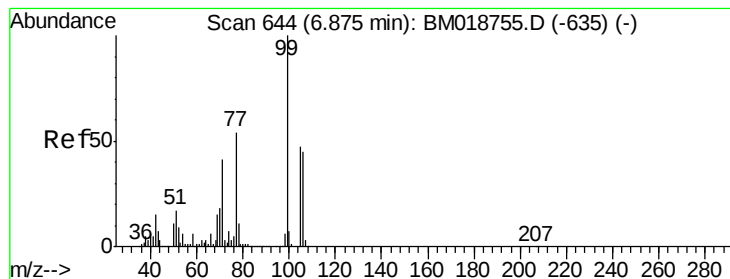


Abundance Ion 128.00 (127.70 to 128.70): BM018755.D (-705) (-)

Ion 130.00 (129.70 to 130.70): BM018755.D (-705) (-)

Ion 64.00 (63.70 to 64.70): BM018755.D (-705) (-)





#9

Benzaldehyde

Concen: 29.177 ng

RT: 6.87 min Scan# 643

Delta R.T. -0.01 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

Instrument :

BNA_M

ClientSampleId :

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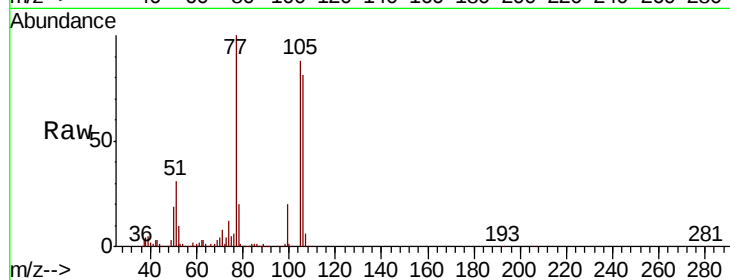
Tgt Ion: 77 Resp: 521407

Ion Ratio Lower Upper

77 100

105 88.5 67.3 107.3

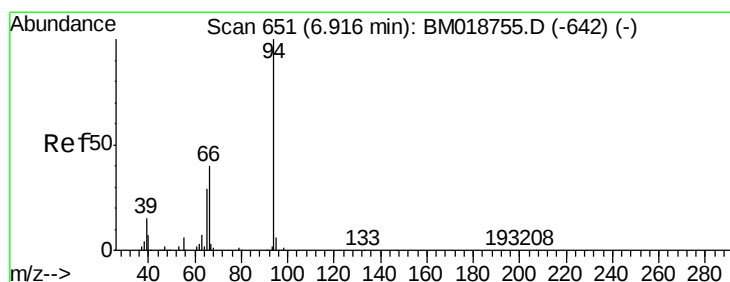
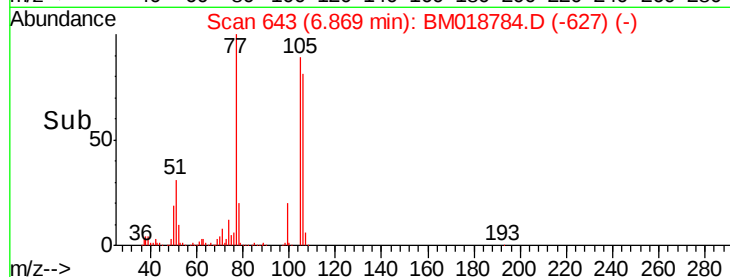
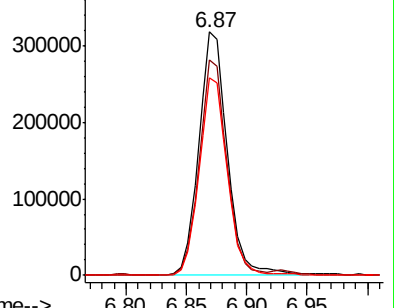
106 81.3 62.9 102.9



Abundance Ion 77.00 (76.70 to 77.70): BM018755.D (-635) (-)

Ion 105.00 (104.70 to 105.70): BM018755.D (-635) (-)

Ion 106.00 (105.70 to 106.70): BM018755.D (-635) (-)



#10

Phenol

Concen: 19.301 ng

RT: 6.92 min Scan# 651

Delta R.T. -0.00 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

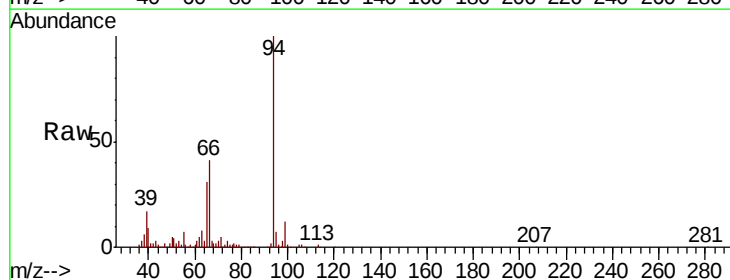
Tgt Ion: 94 Resp: 616055

Ion Ratio Lower Upper

94 100

65 30.8 9.6 49.6

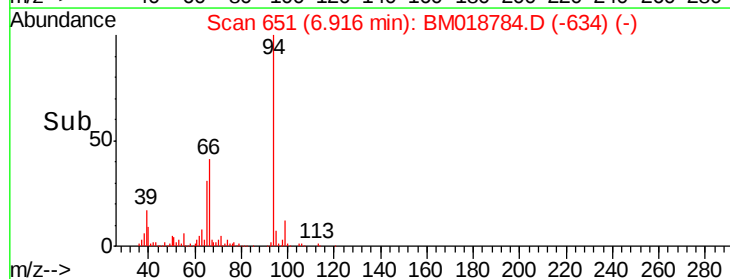
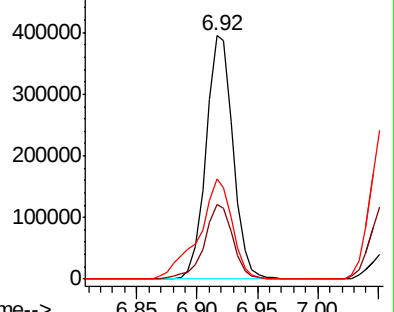
66 41.3 20.4 60.4

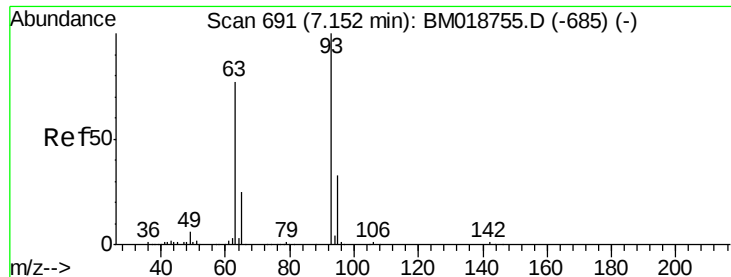


Abundance Ion 94.00 (93.70 to 94.70): BM018755.D (-642) (-)

Ion 65.00 (64.70 to 65.70): BM018755.D (-642) (-)

Ion 66.00 (65.70 to 66.70): BM018755.D (-642) (-)

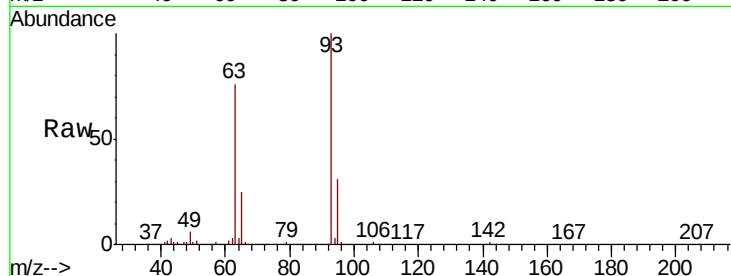




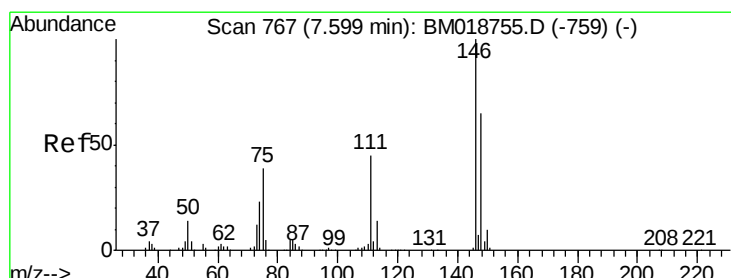
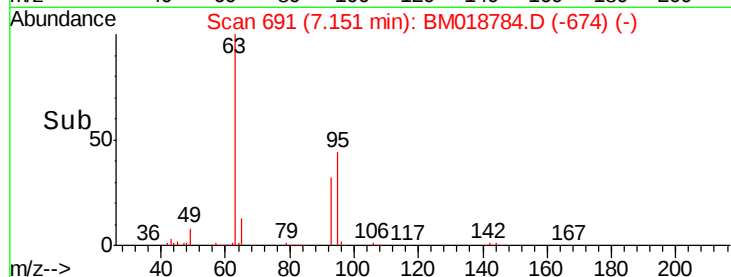
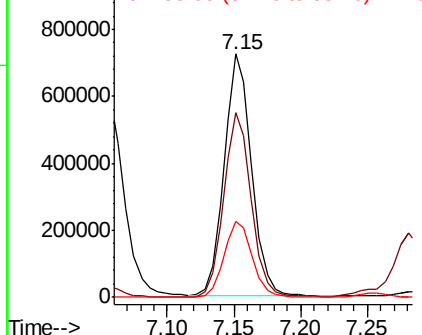
#11
bis(2-Chloroethyl)ether
Concen: 42.579 ng
RT: 7.15 min Scan# 691
Delta R.T. -0.00 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Instrument :
BNA_M
ClientSampleId :
MW-2-20190208MS

Tgt Ion: 93 Resp: 1036727
Ion Ratio Lower Upper
93 100
63 75.8 57.0 97.0
95 31.4 12.4 52.4

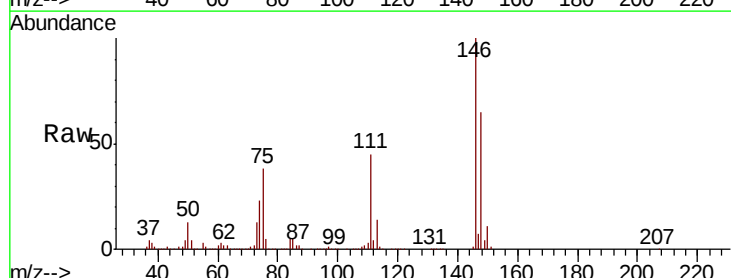


Abundance Ion 93.00 (92.70 to 93.70): BM0
Ion 63.00 (62.70 to 63.70): BM0
Ion 95.00 (94.70 to 95.70): BM0

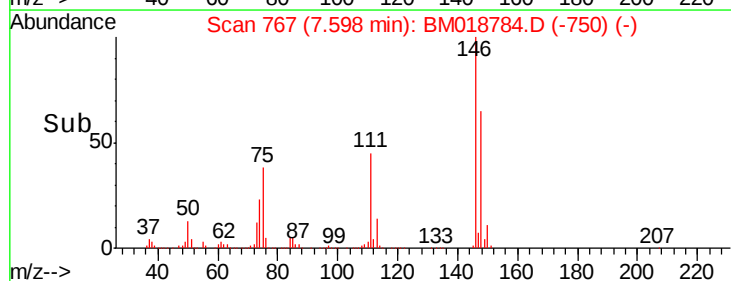
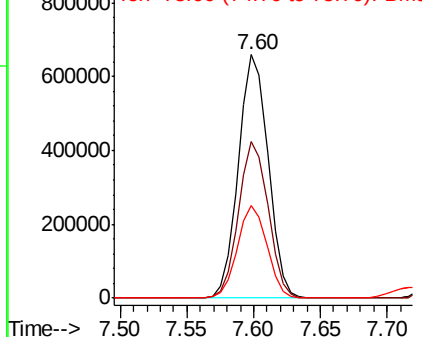


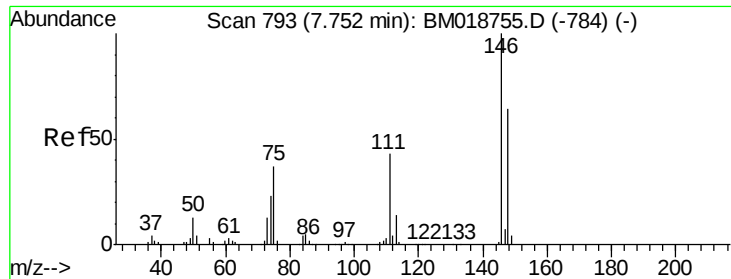
#12
1,3-Dichlorobenzene
Concen: 38.234 ng
RT: 7.60 min Scan# 767
Delta R.T. -0.00 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Tgt Ion: 146 Resp: 1016416
Ion Ratio Lower Upper
146 100
148 64.6 51.7 77.5
75 38.1 31.3 46.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BM0

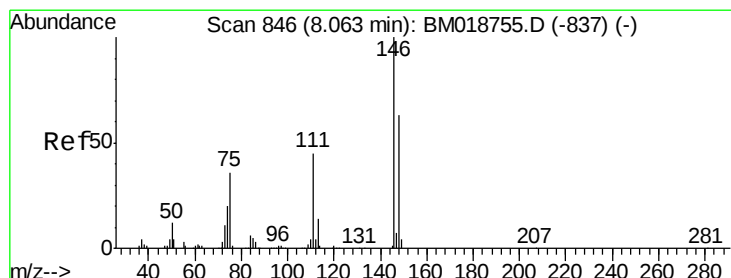
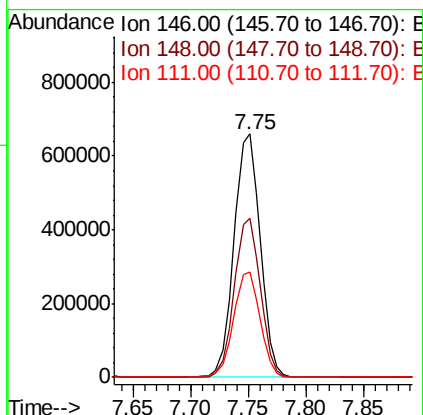
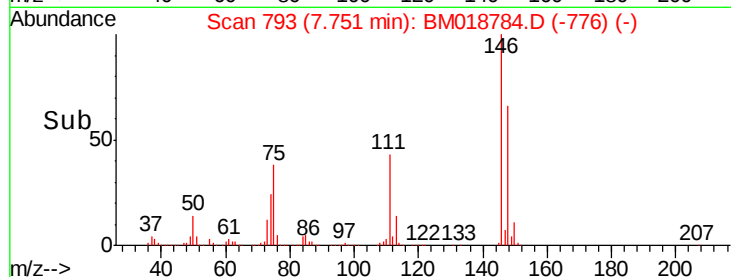
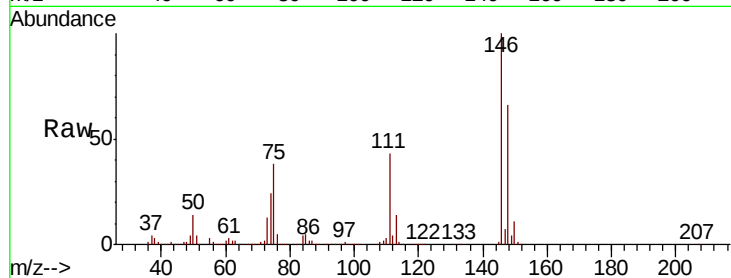




#13
 1,4-Dichlorobenzene
 Concen: 38.354 ng
 RT: 7.75 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BM018784.D
 Acq: 12 Feb 2019 22:06

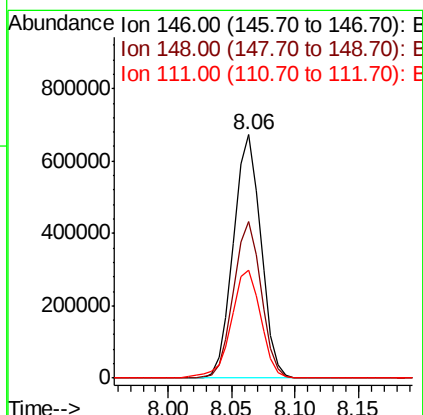
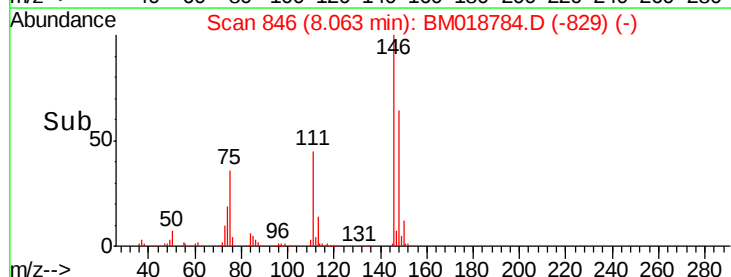
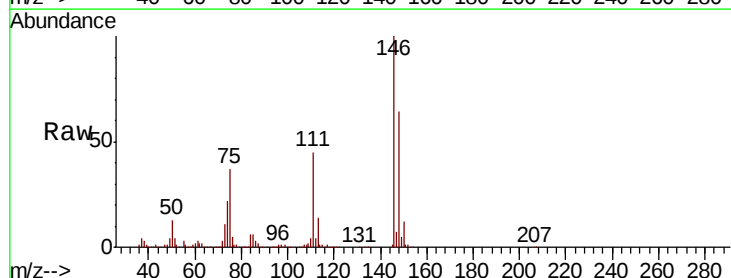
Instrument :
 BNA_M
 ClientSampleId :
 MW-2-20190208MS

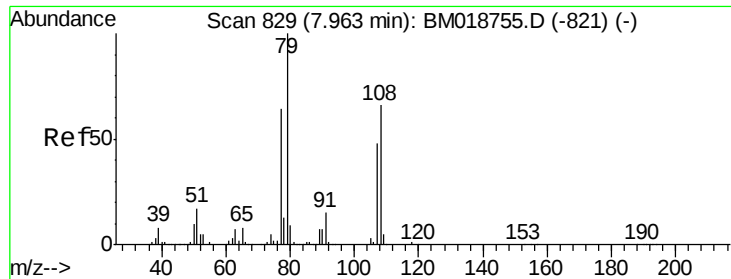
Tgt Ion:146 Resp: 1037987
 Ion Ratio Lower Upper
 146 100
 148 65.5 51.4 77.2
 111 43.4 34.6 52.0



#14
 1,2-Dichlorobenzene
 Concen: 38.839 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BM018784.D
 Acq: 12 Feb 2019 22:06

Tgt Ion:146 Resp: 1009673
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.7 76.1
 111 44.6 35.9 53.9





#15

Benzyl Alcohol

Concen: 27.849 ng

RT: 7.96 min Scan# 829

Delta R.T. -0.00 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

Instrument :

BNA_M

ClientSampleId :

MW-2-20190208MS

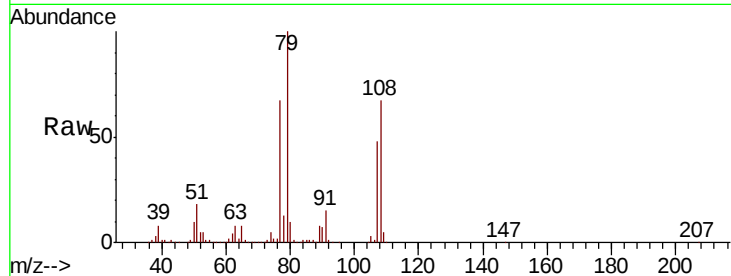
Tgt Ion: 79 Resp: 671277

Ion Ratio Lower Upper

79 100

108 66.9 52.7 79.1

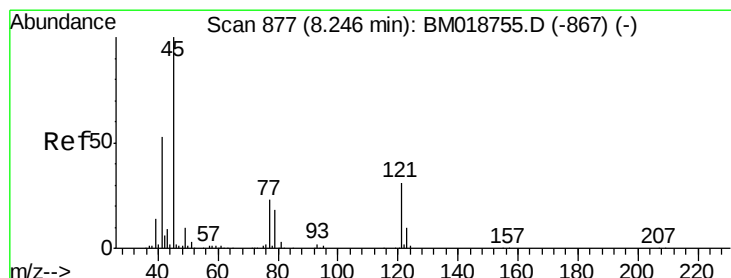
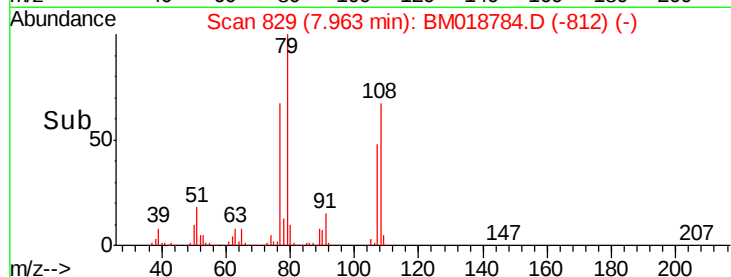
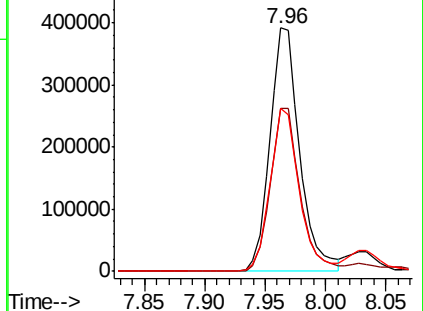
77 67.1 51.0 76.4



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

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

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



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.390 ng

RT: 8.25 min Scan# 877

Delta R.T. -0.00 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

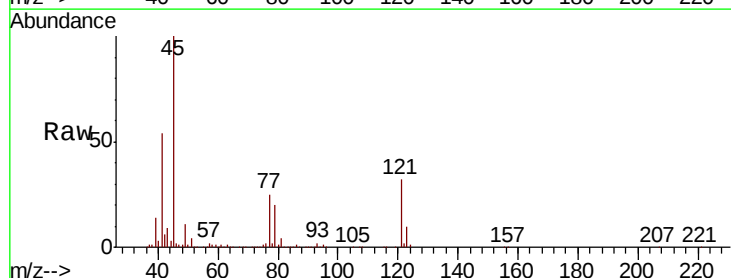
Tgt Ion: 45 Resp: 975366

Ion Ratio Lower Upper

45 100

77 24.8 5.0 45.0

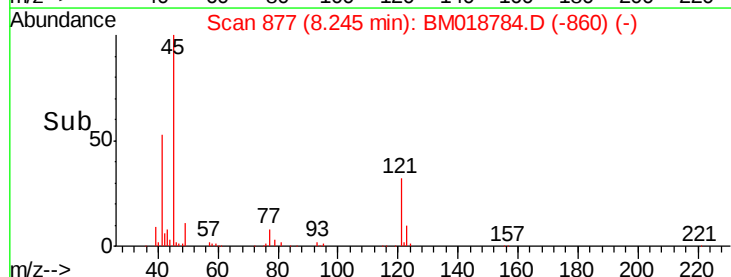
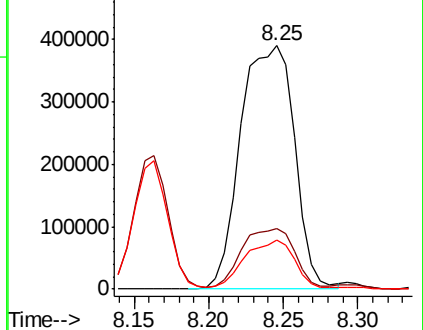
79 19.9 0.0 39.3

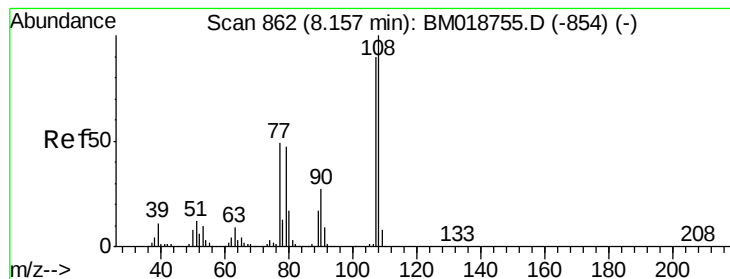


Abundance Ion 45.00 (44.70 to 45.70): BM018755.D (-867) (-)

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

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





#17

2-Methylphenol

Concen: 31.461 ng

RT: 8.16 min Scan# 863

Delta R.T. 0.01 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

Instrument :

BNA_M

ClientSampleId :

MW-2-20190208MS

Tgt Ion:107 Resp: 639126

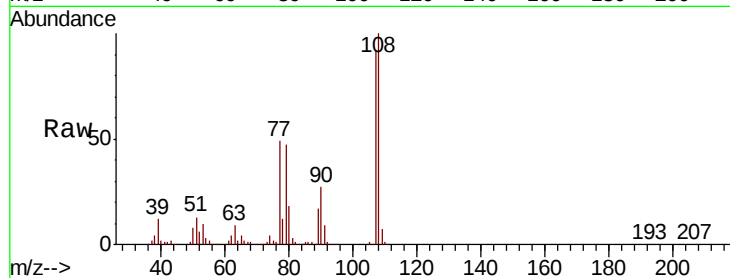
Ion Ratio Lower Upper

107 100

108 109.2 88.8 133.2

77 53.1 44.0 66.0

79 51.4 42.4 63.6



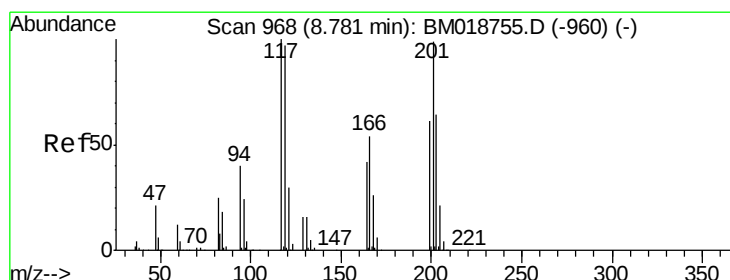
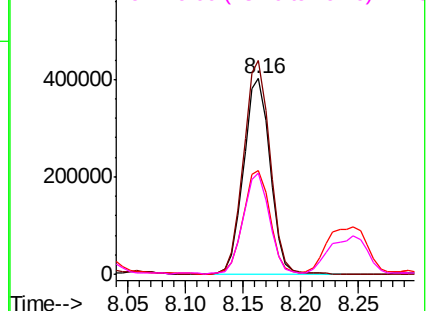
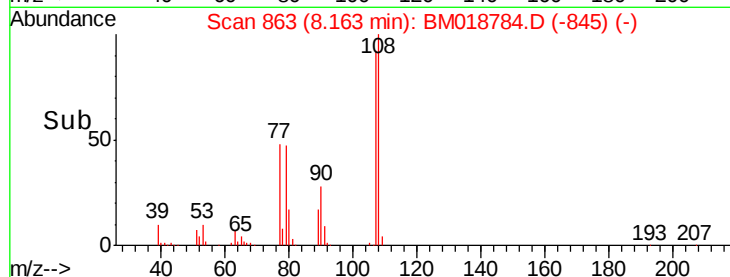
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 38.891 ng

RT: 8.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

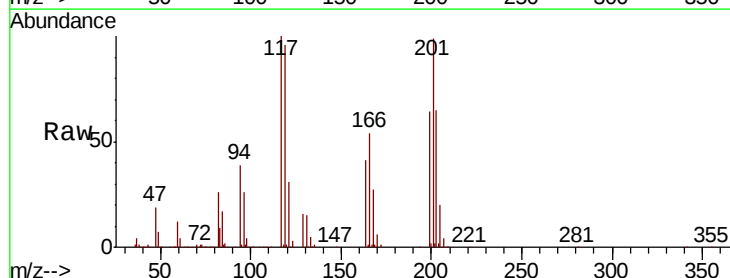
Tgt Ion:117 Resp: 384221

Ion Ratio Lower Upper

117 100

119 96.3 77.9 116.9

201 99.0 79.2 118.8

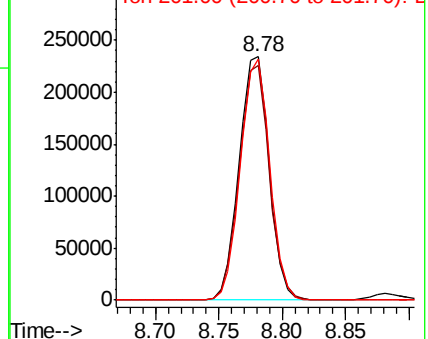
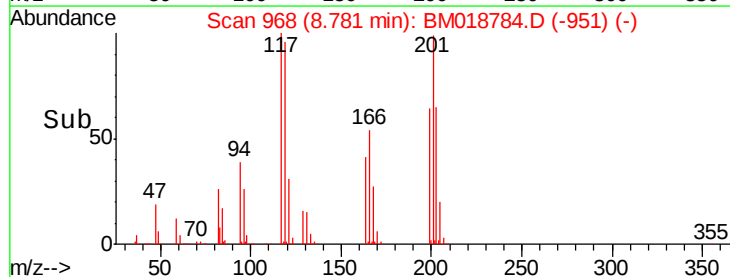


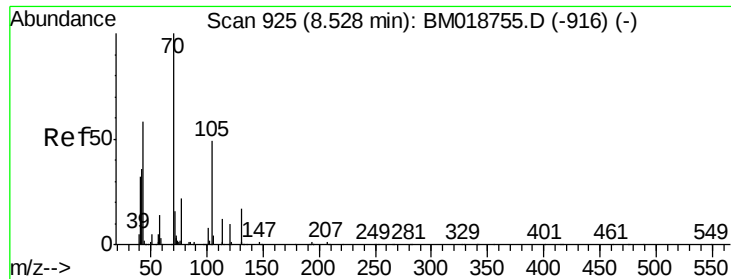
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

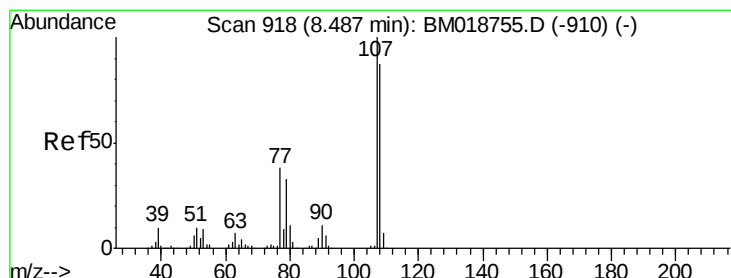
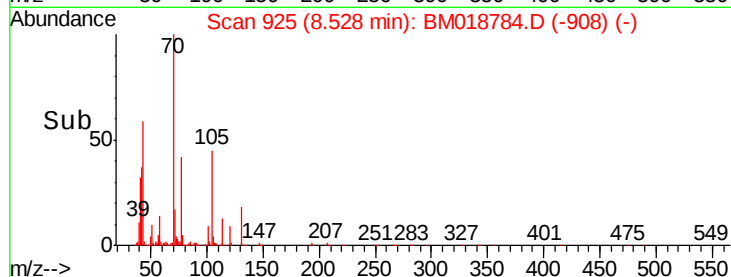
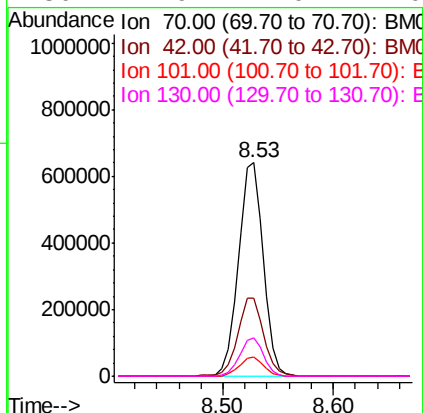
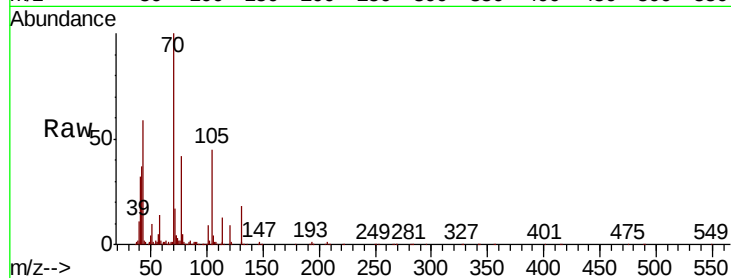




#19
n-Nitroso-di-n-propylamine
Concen: 42.965 ng
RT: 8.53 min Scan# 925
Delta R.T. -0.00 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

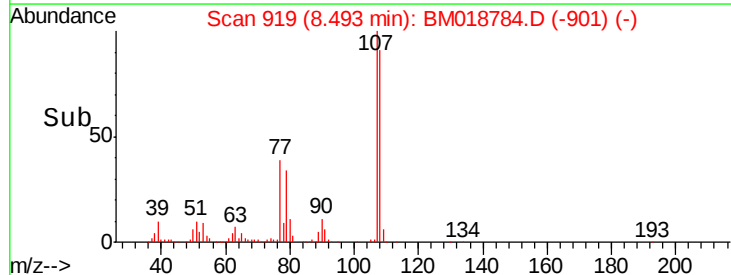
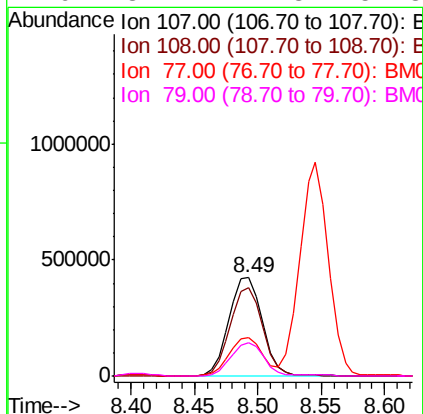
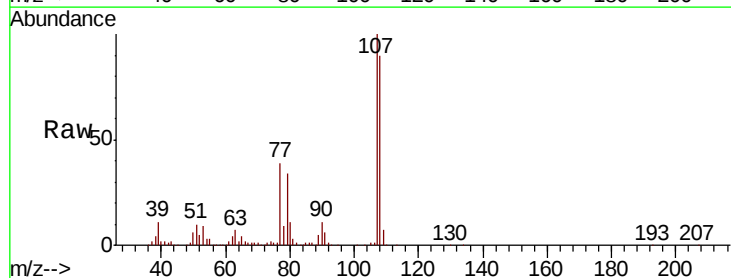
Instrument :
BNA_M
ClientSampleId :
MW-2-20190208MS

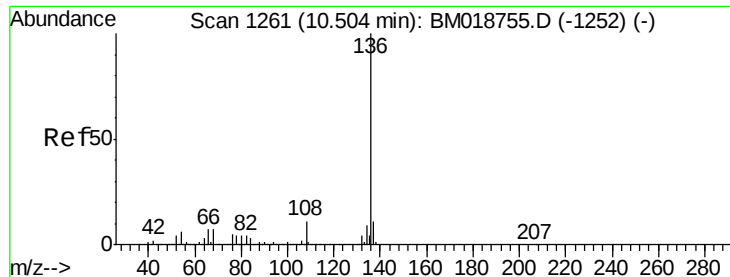
Tgt Ion:	70	Resp:	1009140
Ion	Ratio	Lower	Upper
70	100		
42	36.7	29.4	44.0
101	8.8	6.7	10.1
130	17.9	14.0	21.0



#20
3+4-Methylphenols
Concen: 27.723 ng
RT: 8.49 min Scan# 919
Delta R.T. 0.01 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Tgt Ion:	107	Resp:	777690
Ion	Ratio	Lower	Upper
107	100		
108	90.3	67.3	107.3
77	39.1	18.0	58.0
79	34.2	12.8	52.8

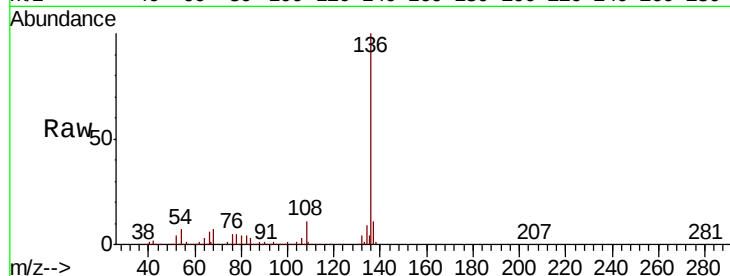




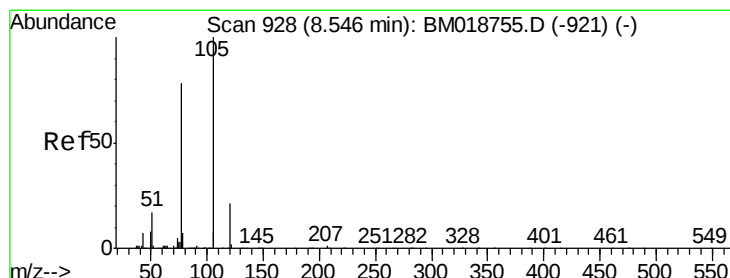
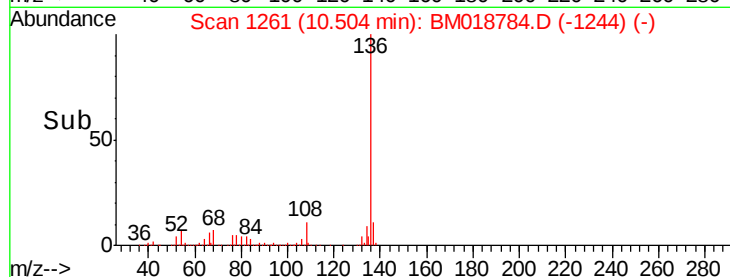
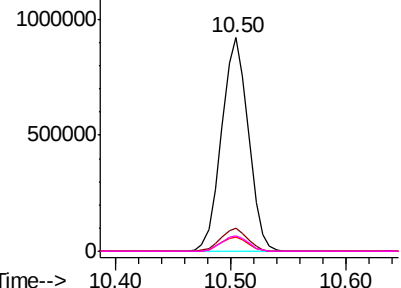
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.50 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Instrument :
BNA_M
ClientSampleId :
MW-2-20190208MS

Tgt Ion:	136	Resp:	1477547
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.5	5.0	7.6
68	7.2	5.5	8.3

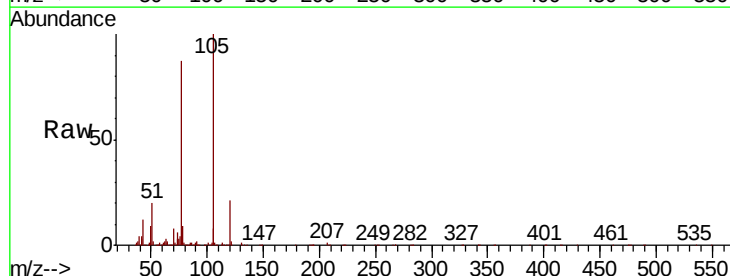


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

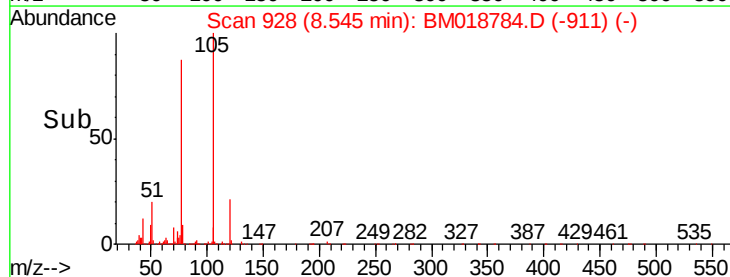
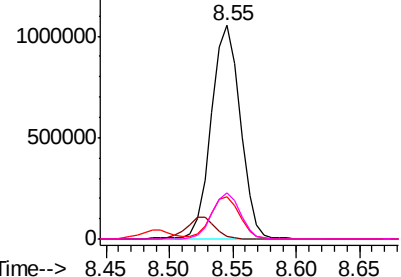


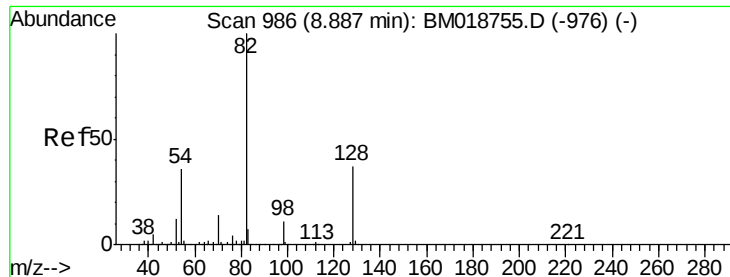
#22
Acetophenone
Concen: 40.962 ng
RT: 8.55 min Scan# 928
Delta R.T. -0.00 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Tgt Ion:	105	Resp:	1662097
Ion	Ratio	Lower	Upper
105	100		
71	1.3	1.1	1.7
51	19.7	15.5	23.3
120	21.4	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: 86.436 ng

RT: 8.89 min Scan# 986

Delta R.T. -0.00 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

Instrument :

BNA_M

ClientSampleId :

MW-2-20190208MS

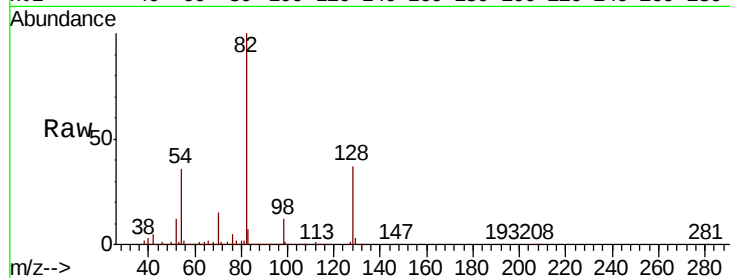
Tgt Ion: 82 Resp: 2762047

Ion	Ratio	Lower	Upper
82	100		
128	37.0	29.9	44.9
54	36.2	29.1	43.7

82 100

128 37.0 29.9 44.9

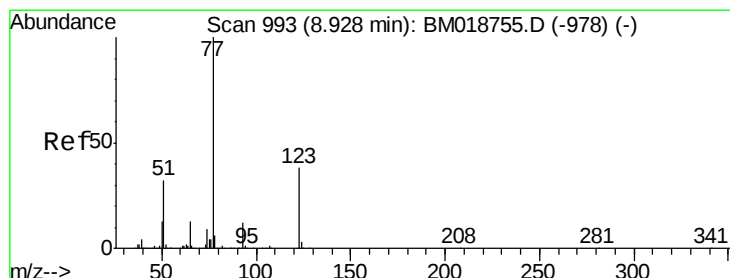
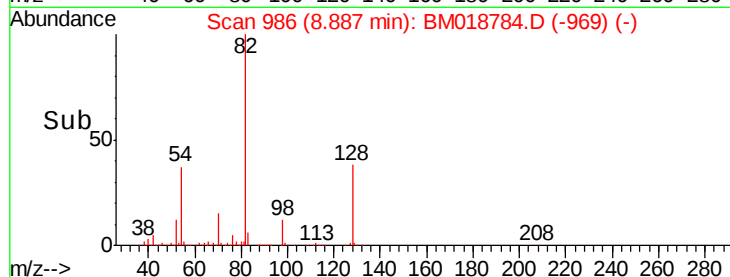
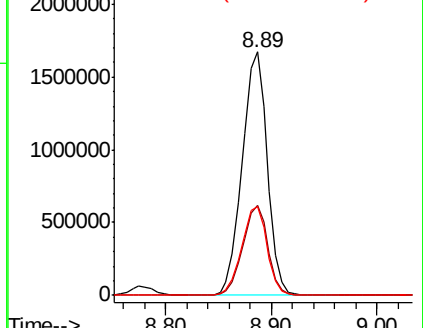
54 36.2 29.1 43.7



Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-976) (-)

Ion 128.00 (127.70 to 128.70): BM018755.D (-976) (-)

Ion 54.00 (53.70 to 54.70): BM018755.D (-976) (-)



#24

Nitrobenzene

Concen: 42.470 ng

RT: 8.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

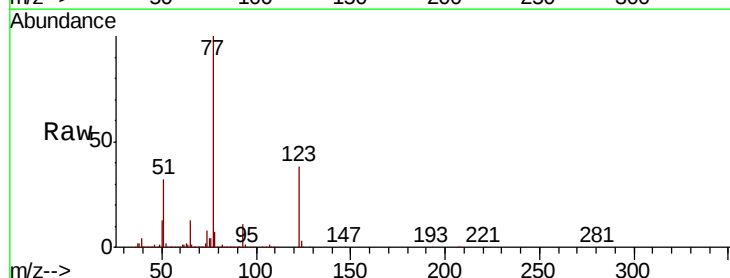
Tgt Ion: 77 Resp: 1408689

Ion	Ratio	Lower	Upper
77	100		
123	38.1	30.7	46.1
65	13.0	10.5	15.7

77 100

123 38.1 30.7 46.1

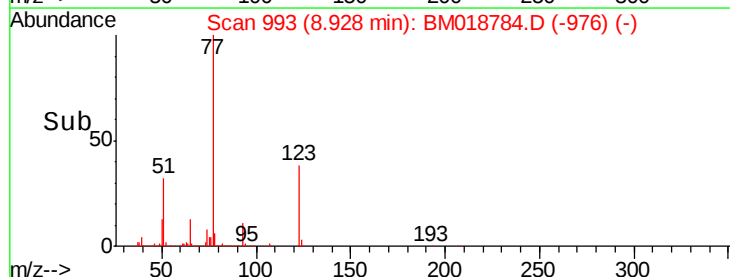
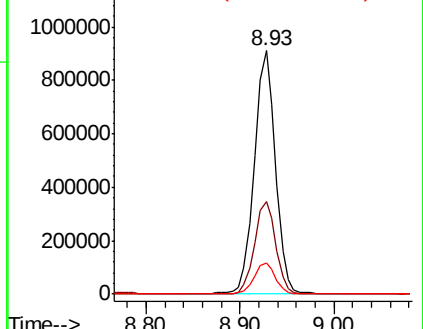
65 13.0 10.5 15.7

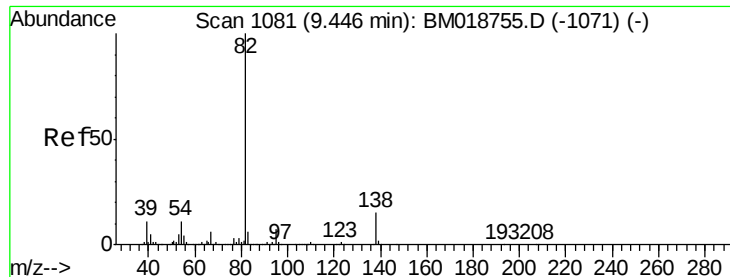


Abundance Ion 77.00 (76.70 to 77.70): BM018755.D (-978) (-)

Ion 123.00 (122.70 to 123.70): BM018755.D (-978) (-)

Ion 65.00 (64.70 to 65.70): BM018755.D (-978) (-)





#25

Isophorone

Concen: 50.225 ng

RT: 9.45 min Scan# 1081

Delta R.T. -0.00 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

Instrument :

BNA_M

ClientSampleId :

MW-2-20190208MS

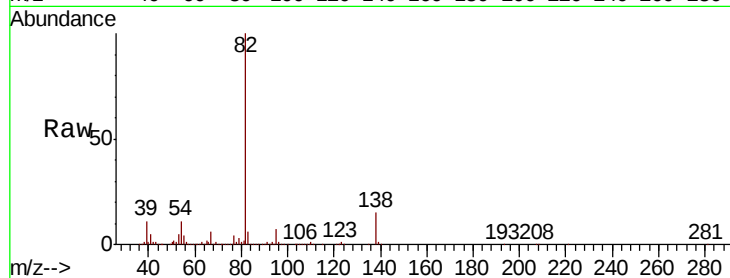
Tgt Ion: 82 Resp: 2560813

Ion Ratio Lower Upper

82 100

95 7.0 5.7 8.5

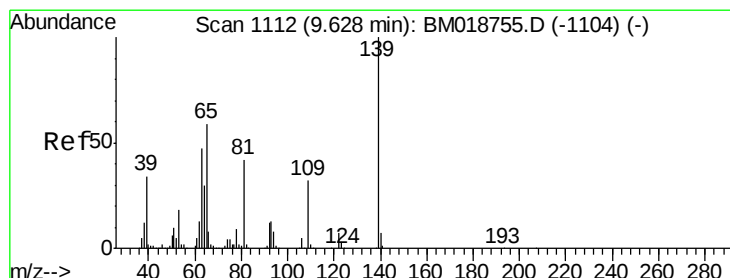
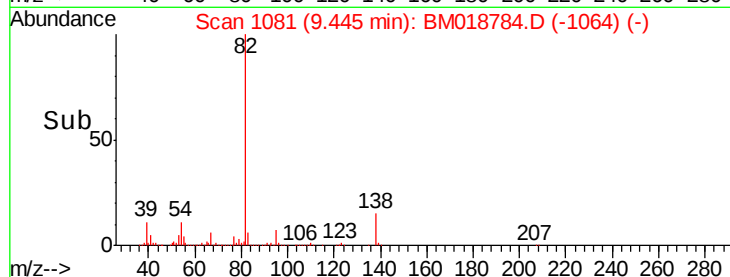
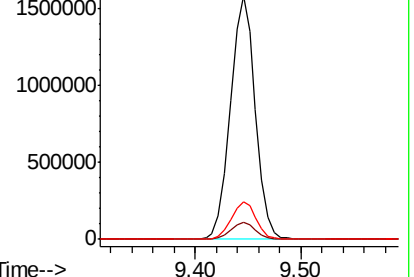
138 15.3 12.3 18.5



Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-1071) (-)

Ion 95.00 (94.70 to 95.70): BM018755.D (-1071) (-)

Ion 138.00 (137.70 to 138.70): BM018755.D (-1071) (-)



#26

2-Nitrophenol

Concen: 42.388 ng

RT: 9.63 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

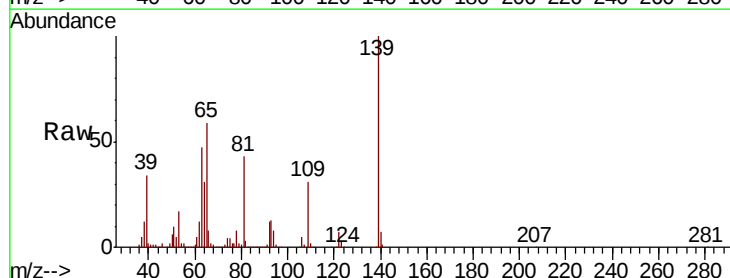
Tgt Ion: 139 Resp: 559907

Ion Ratio Lower Upper

139 100

109 31.1 25.2 37.8

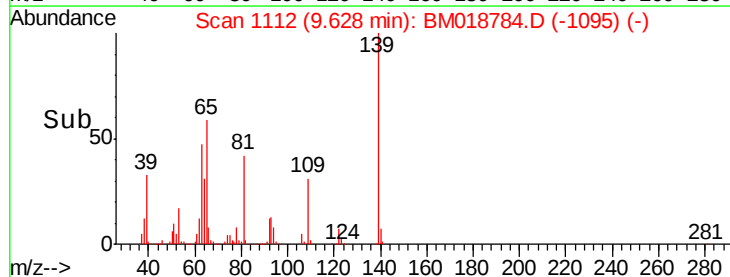
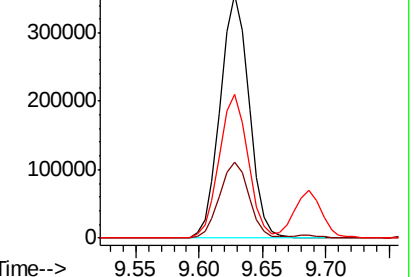
65 59.0 47.0 70.4

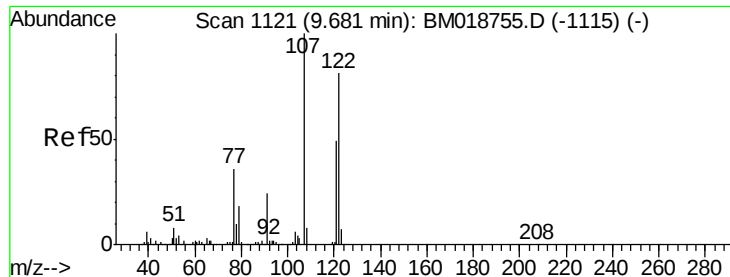


Abundance Ion 139.00 (138.70 to 139.70): BM018755.D (-1104) (-)

Ion 109.00 (108.70 to 109.70): BM018755.D (-1104) (-)

Ion 65.00 (64.70 to 65.70): BM018755.D (-1104) (-)

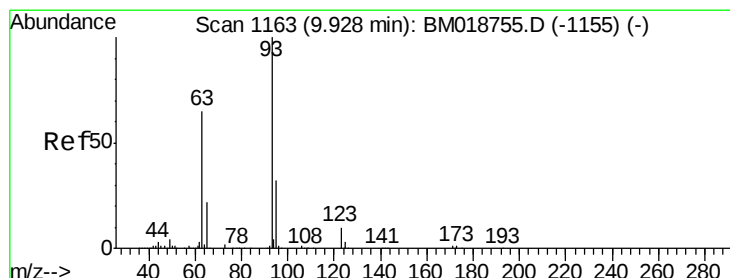
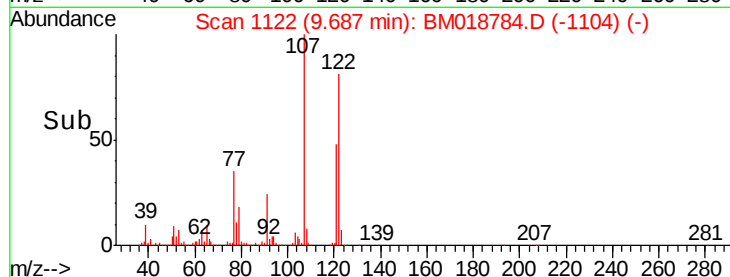
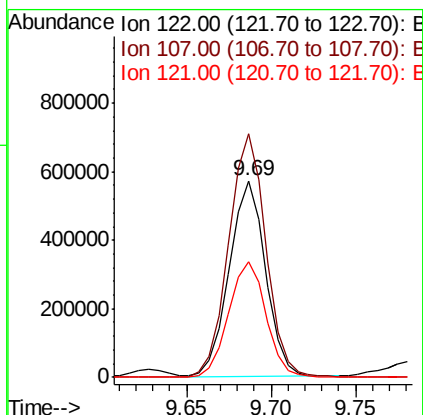
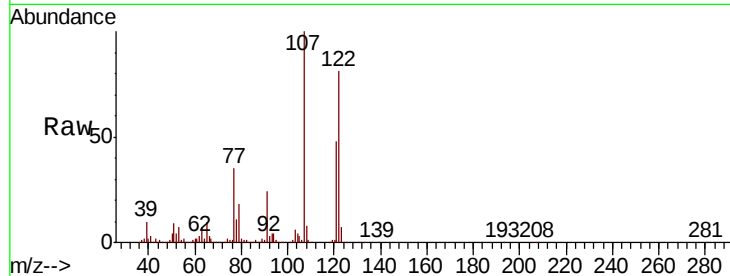




#27
 2,4-Dimethylphenol
 Concen: 44.212 ng
 RT: 9.69 min Scan# 1122
 Delta R.T. 0.01 min
 Lab File: BM018784.D
 Acq: 12 Feb 2019 22:06

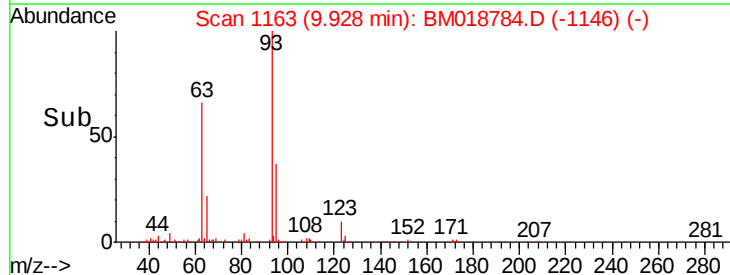
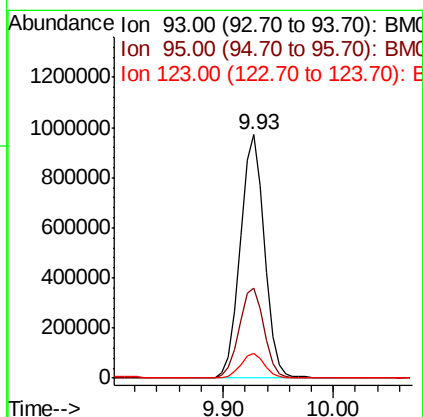
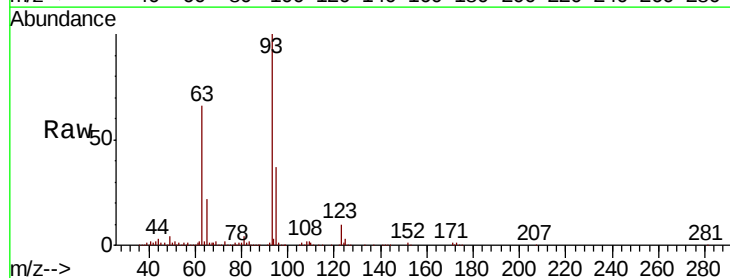
Instrument :
 BNA_M
 ClientSampleId :
 MW-2-20190208MS

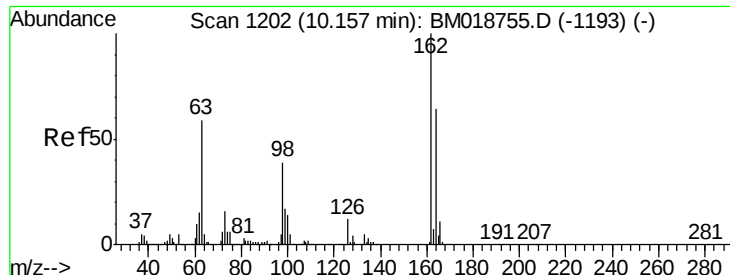
Tgt Ion	Ratio	Lower	Upper
122	100		
107	123.9	97.6	146.4
121	59.1	47.9	71.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.375 ng
 RT: 9.93 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BM018784.D
 Acq: 12 Feb 2019 22:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	36.9	25.6	38.4
123	10.1	8.2	12.4

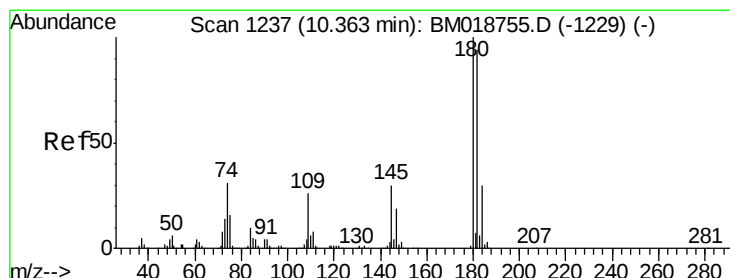
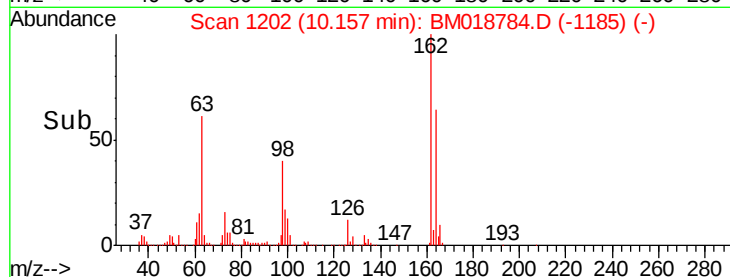
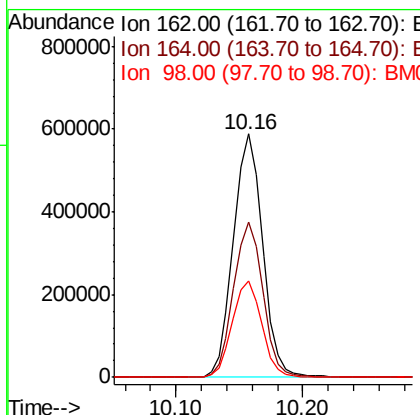
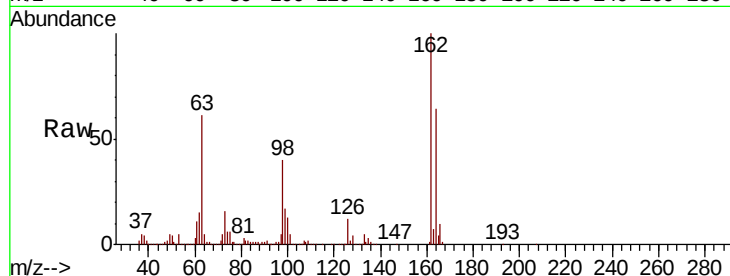




#29
2,4-Dichlorophenol
Concen: 42.506 ng
RT: 10.16 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

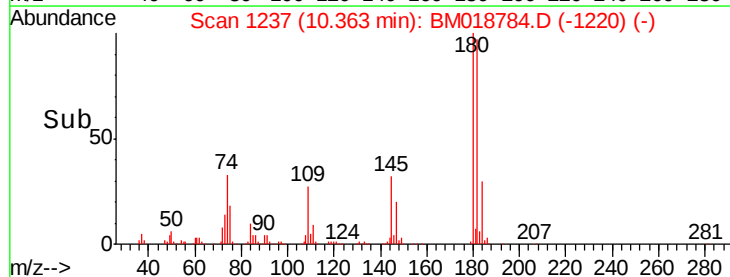
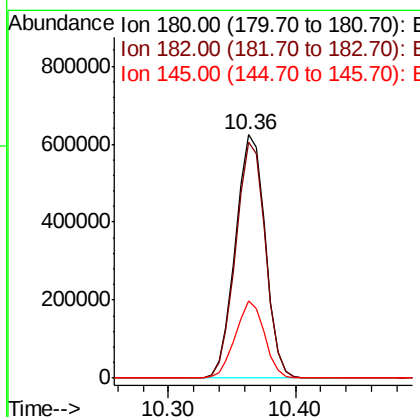
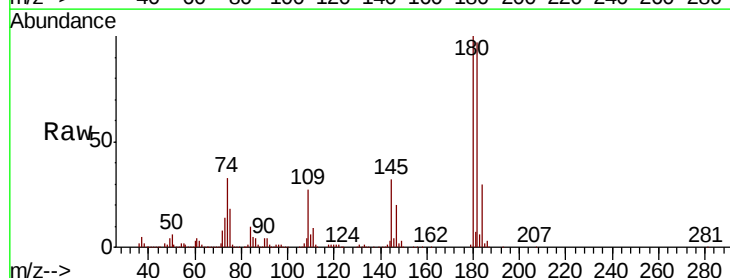
Instrument :
BNA_M
ClientSampleId :
MW-2-20190208MS

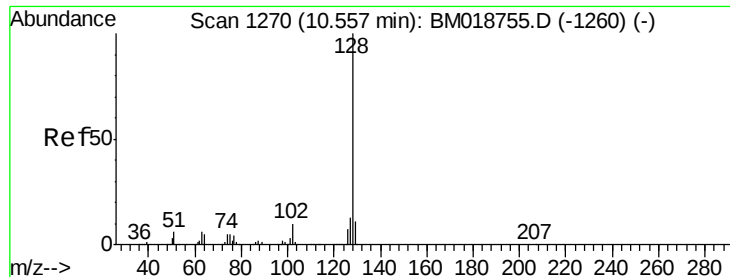
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.1	84.1
98	39.6	19.4	59.4



#30
1,2,4-Trichlorobenzene
Concen: 39.743 ng
RT: 10.36 min Scan# 1237
Delta R.T. -0.00 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	75.0	112.6
145	31.5	24.1	36.1

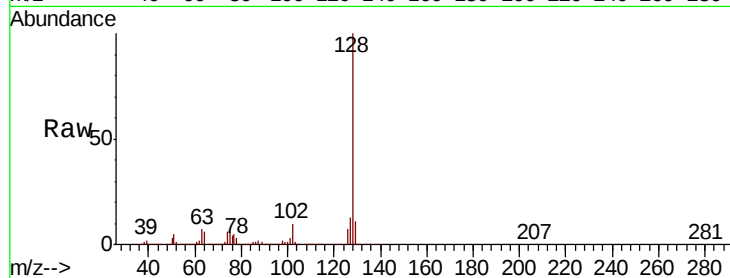




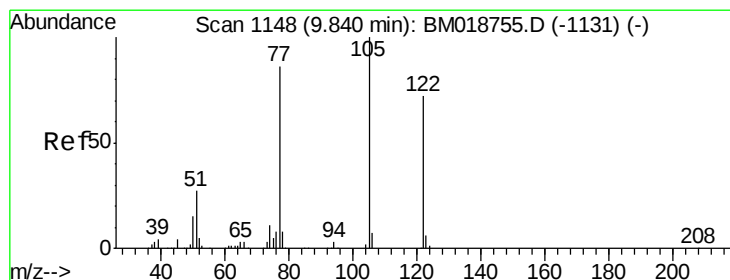
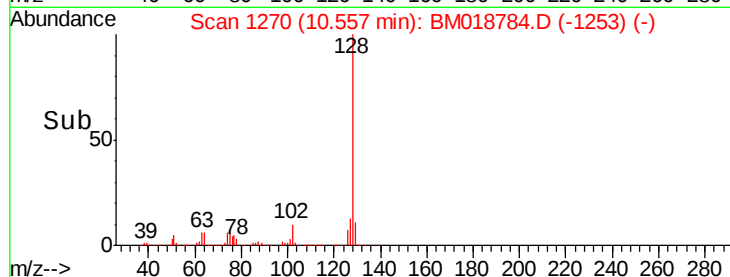
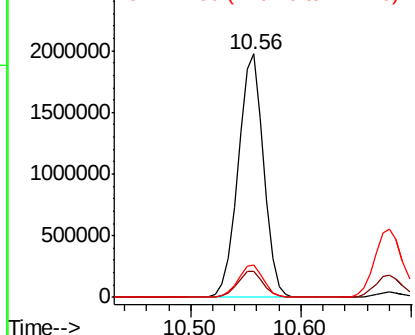
#31
Naphthalene
Concen: 44.191 ng
RT: 10.56 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Instrument :
BNA_M
ClientSampleId :
MW-2-20190208MS

Tgt Ion:128 Resp: 3184464
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 13.4 10.7 16.1

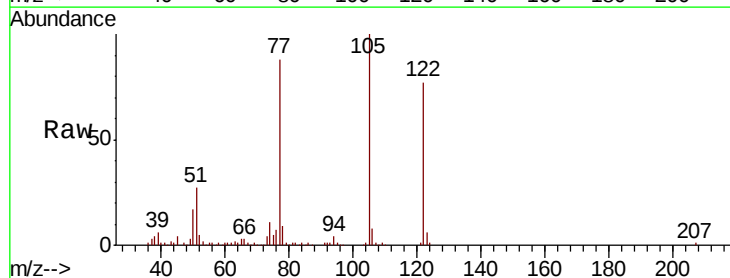


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

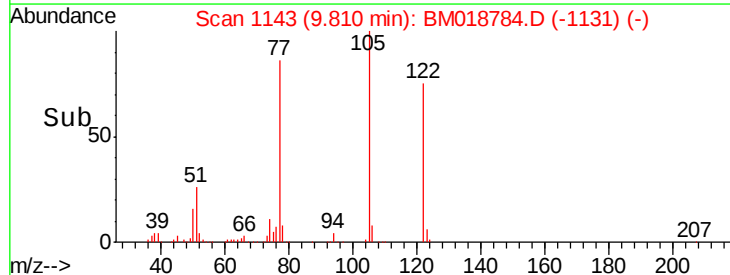
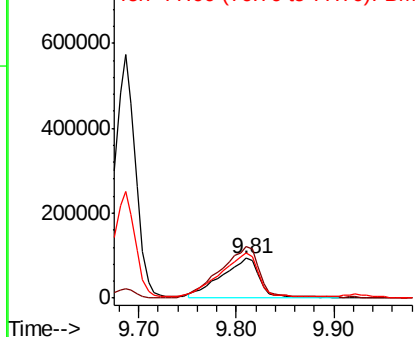


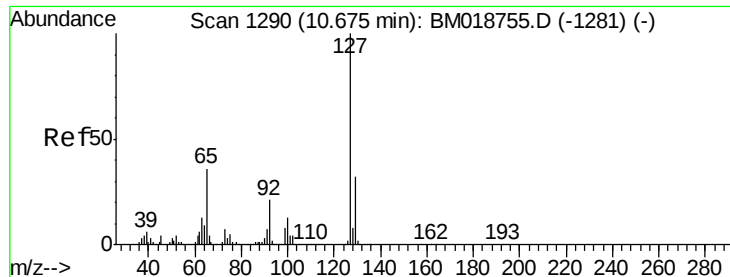
#32
Benzoic acid
Concen: 14.648 ng
RT: 9.81 min Scan# 1143
Delta R.T. -0.03 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Tgt Ion:122 Resp: 246513
Ion Ratio Lower Upper
122 100
105 130.2 117.5 157.5
77 114.2 98.5 138.5



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

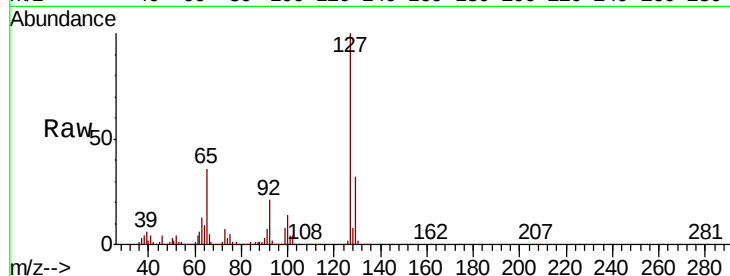




#33
4-Chloroaniline
Concen: 30.636 ng
RT: 10.68 min Scan# 1291
Delta R.T. 0.01 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Instrument :
BNA_M
ClientSampleId :
MW-2-20190208MS

Tgt Ion:	127	Resp:	986848
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.7	38.5
65	35.6	28.7	43.1
92	21.1	17.0	25.4



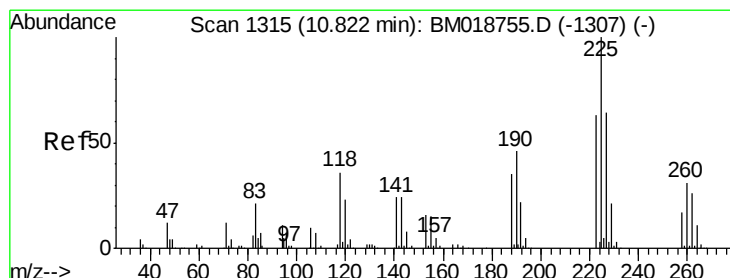
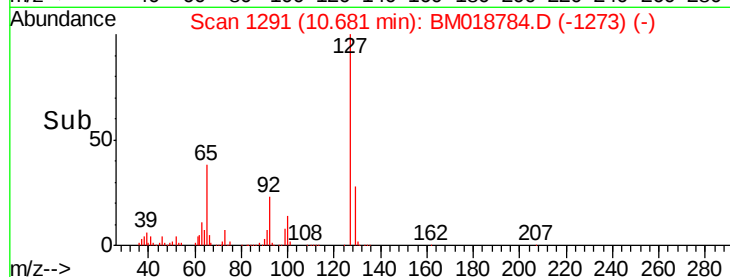
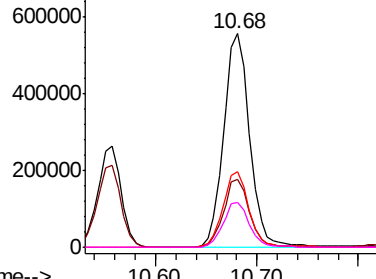
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

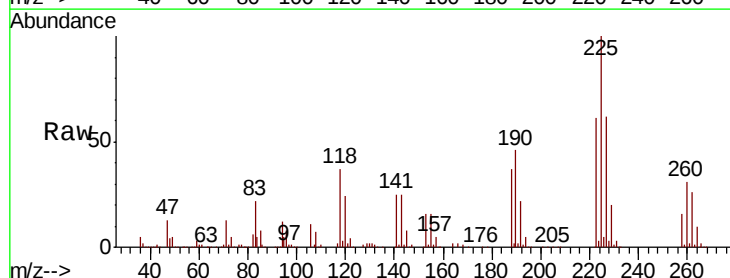
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34
Hexachlorobutadiene
Concen: 37.721 ng
RT: 10.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Tgt Ion:	225	Resp:	560137
Ion	Ratio	Lower	Upper
225	100		
223	61.0	50.1	75.1
227	62.3	51.4	77.0

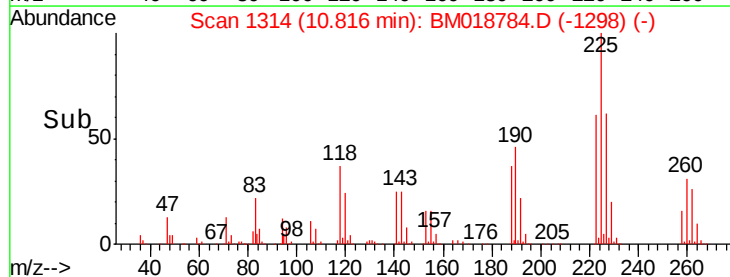
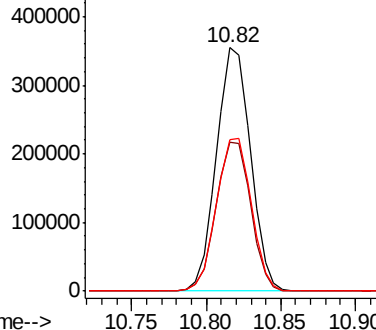


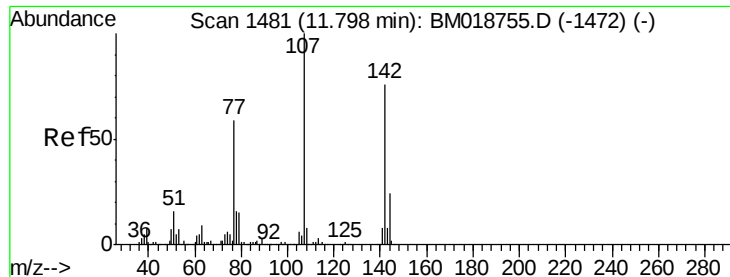
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

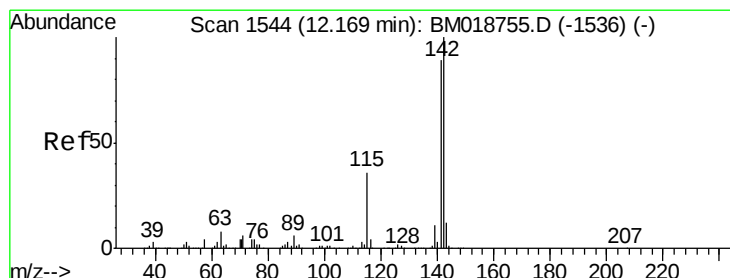
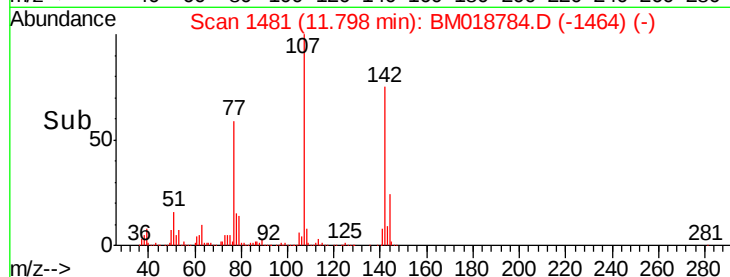
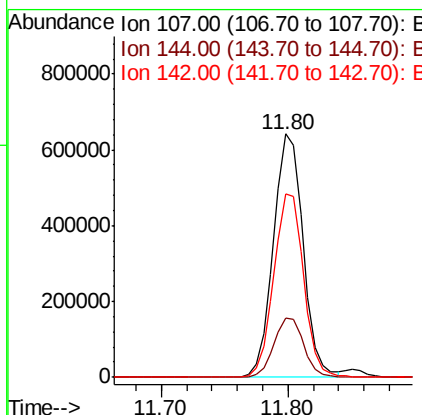
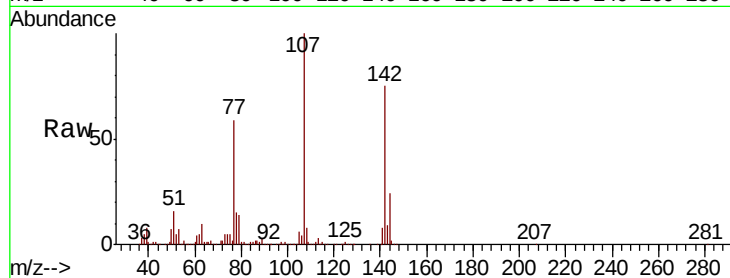




#36
 4-Chloro-3-methylphenol
 Concen: 39.173 ng
 RT: 11.80 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BM018784.D
 Acq: 12 Feb 2019 22:06

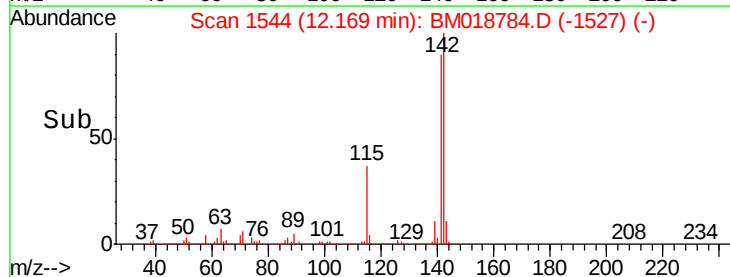
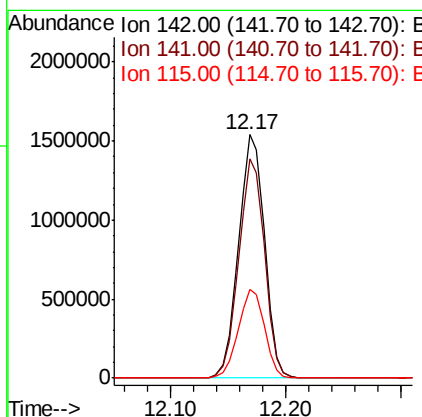
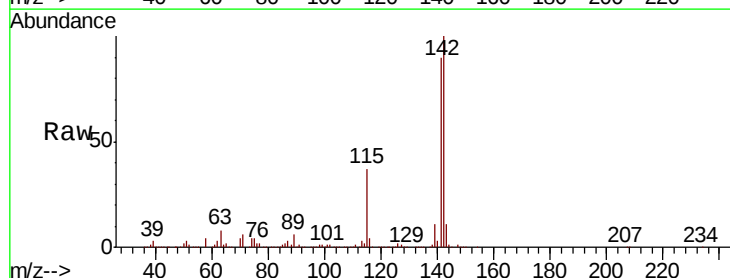
Instrument :
 BNA_M
 ClientSampleId :
 MW-2-20190208MS

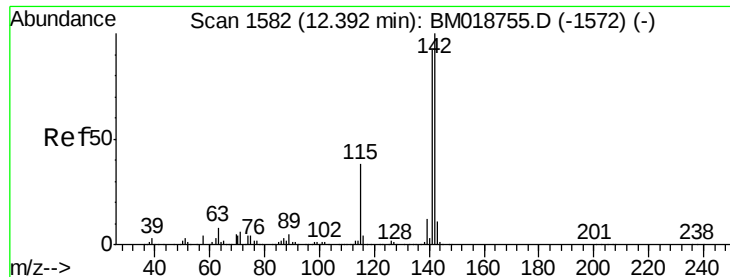
Tgt Ion:107 Resp: 1046277
 Ion Ratio Lower Upper
 107 100
 144 24.3 19.3 28.9
 142 75.1 60.5 90.7



#37
 2-Methylnaphthalene
 Concen: 47.298 ng
 RT: 12.17 min Scan# 1544
 Delta R.T. -0.00 min
 Lab File: BM018784.D
 Acq: 12 Feb 2019 22:06

Tgt Ion:142 Resp: 2399707
 Ion Ratio Lower Upper
 142 100
 141 90.1 71.2 106.8
 115 36.6 29.1 43.7

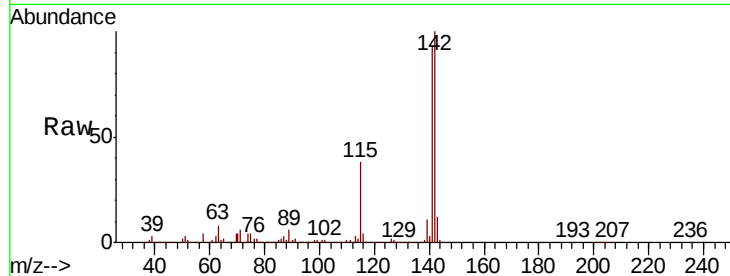




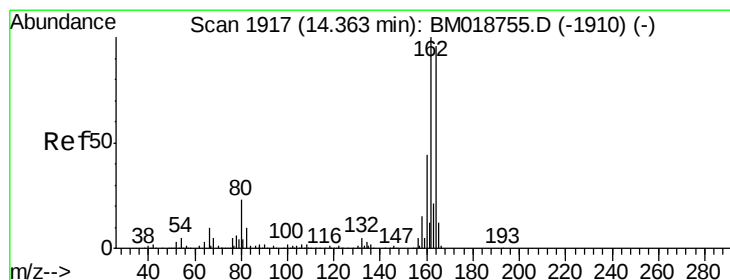
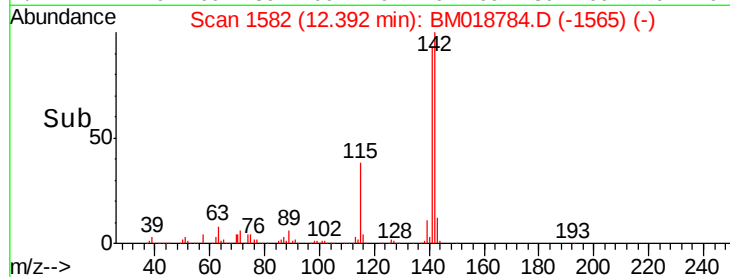
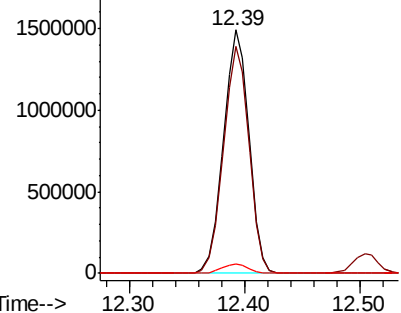
#38
1-Methylnaphthalene
Concen: 45.795 ng
RT: 12.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Instrument :
BNA_M
ClientSampleId :
MW-2-20190208MS

Tgt Ion:142 Resp: 2272044
Ion Ratio Lower Upper
142 100
141 93.2 73.9 110.9
116 4.0 3.0 4.4

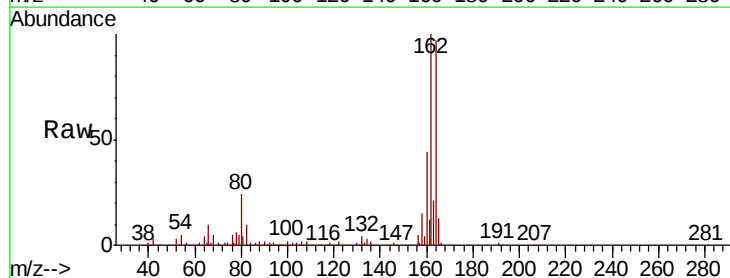


Abundance Ion 142.00 (141.70 to 142.70): E
2000000 Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

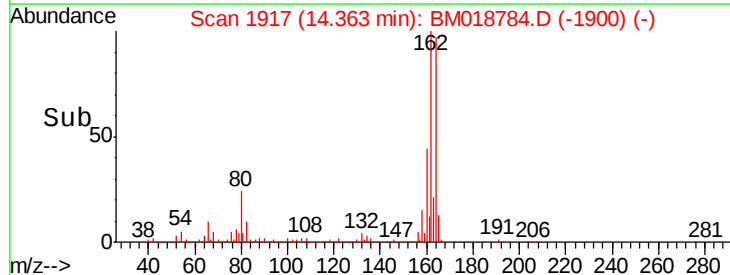
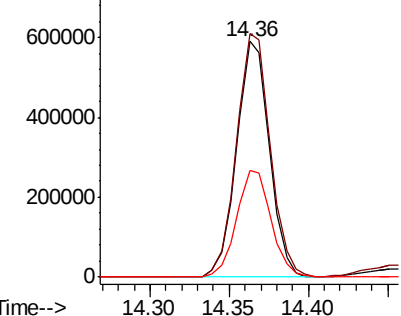


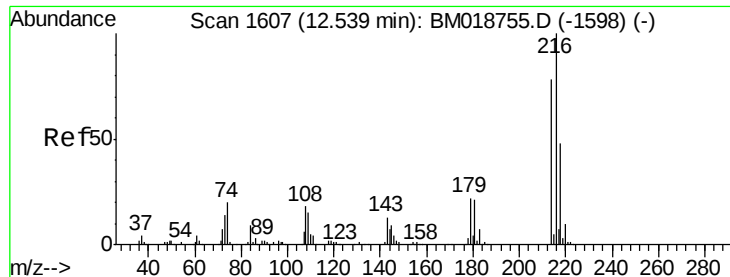
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.36 min Scan# 1917
Delta R.T. -0.00 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Tgt Ion:164 Resp: 851528
Ion Ratio Lower Upper
164 100
162 103.4 83.4 125.0
160 45.3 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): E
800000 Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.993 ng

RT: 12.54 min Scan# 1607

Delta R.T. -0.00 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

Instrument :

BNA_M

ClientSampleId :

MW-2-20190208MS

Tgt Ion:216 Resp: 1143881

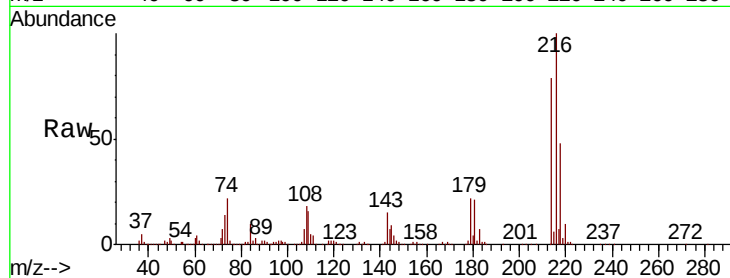
Ion Ratio Lower Upper

216 100

214 79.2 63.2 94.8

179 22.5 17.8 26.8

108 23.1 16.4 24.6

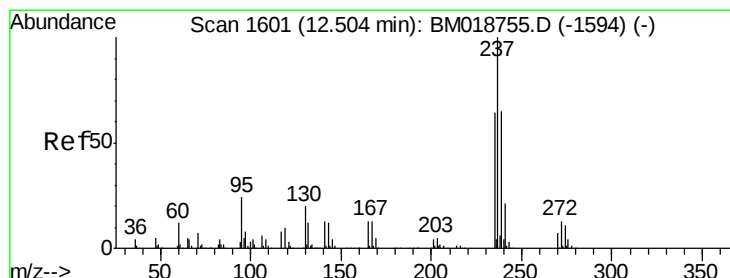
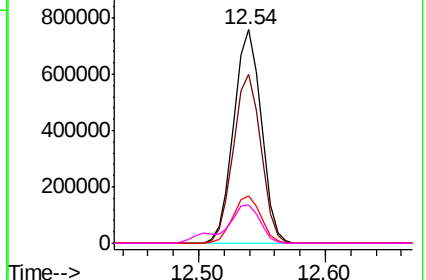
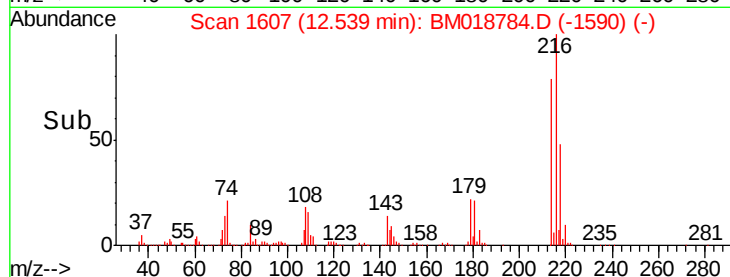


Abundance Ion 216.00 (215.70 to 216.70): E

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: 103.105 ng

RT: 12.50 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

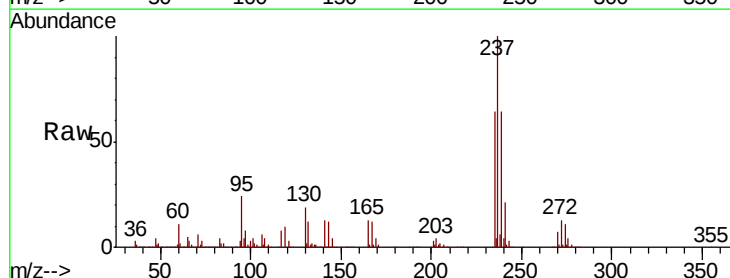
Tgt Ion:237 Resp: 1435922

Ion Ratio Lower Upper

237 100

235 63.7 43.7 83.7

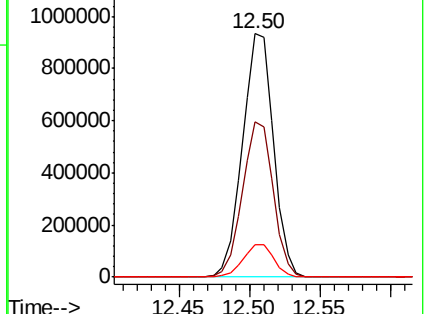
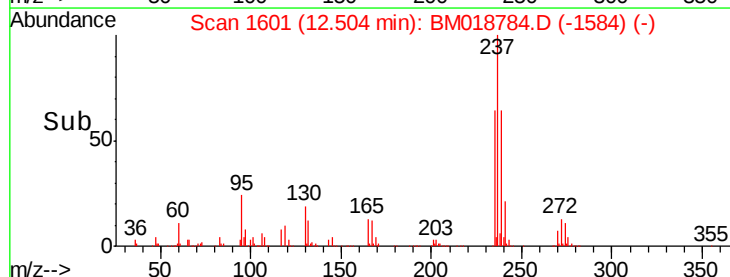
272 13.5 0.0 33.3

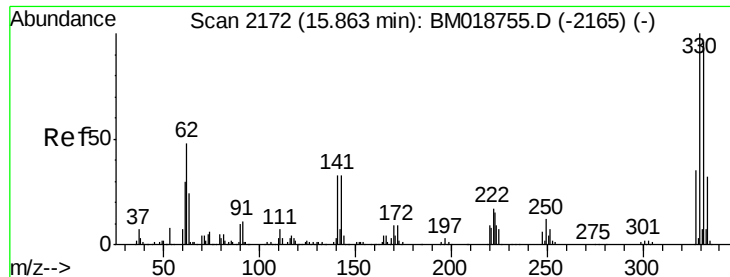


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

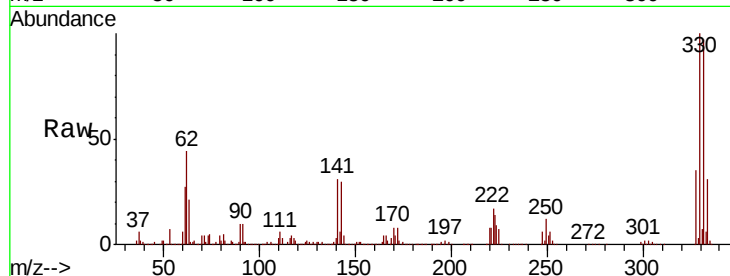




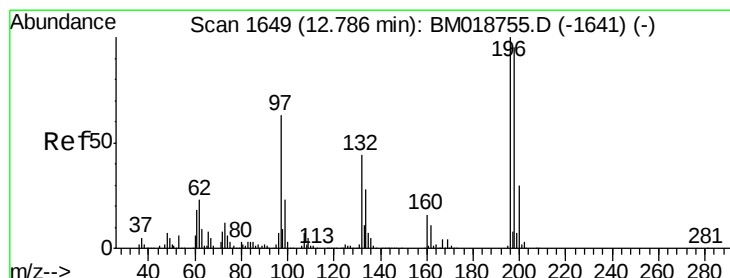
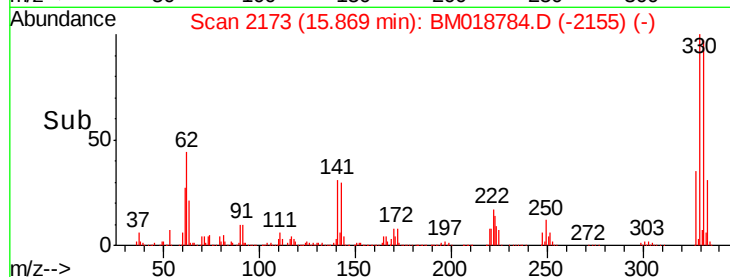
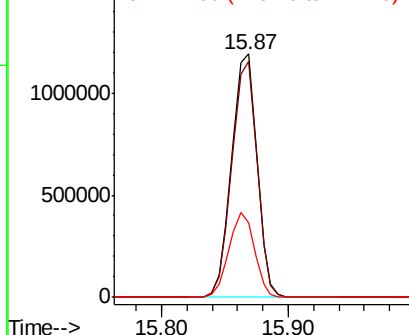
#42
 2,4,6-Tribromophenol
 Concen: 134.467 ng
 RT: 15.87 min Scan# 2173
 Delta R.T. 0.01 min
 Lab File: BM018784.D
 Acq: 12 Feb 2019 22:06

Instrument :
 BNA_M
 ClientSampleId :
 MW-2-20190208MS

Tgt Ion:330 Resp: 1650515
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.9 115.3
 141 35.0 28.7 43.1

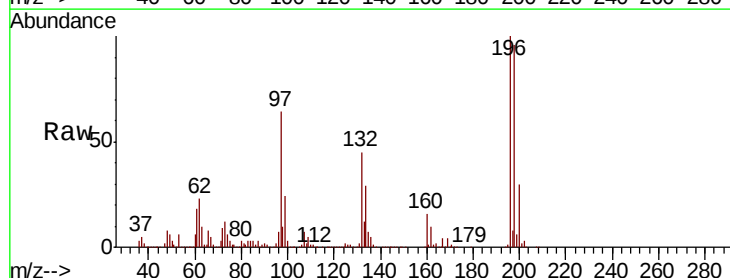


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

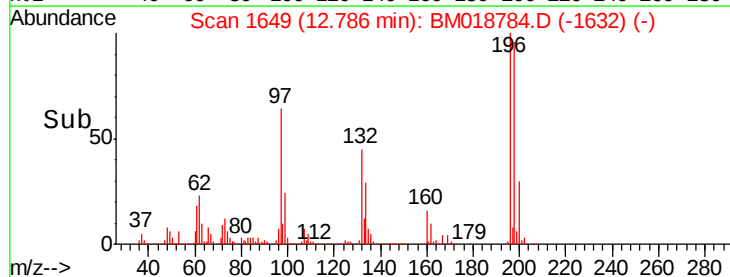
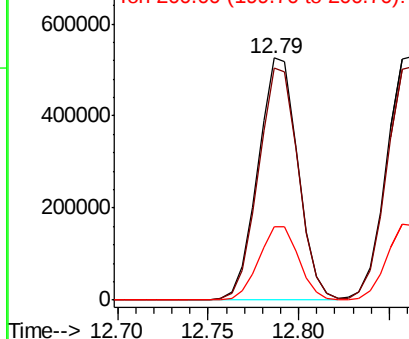


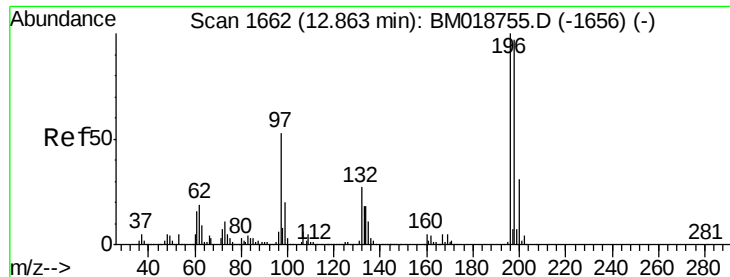
#43
 2,4,6-Trichlorophenol
 Concen: 44.684 ng
 RT: 12.79 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: BM018784.D
 Acq: 12 Feb 2019 22:06

Tgt Ion:196 Resp: 805761
 Ion Ratio Lower Upper
 196 100
 198 95.8 76.2 114.2
 200 30.3 24.2 36.2



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

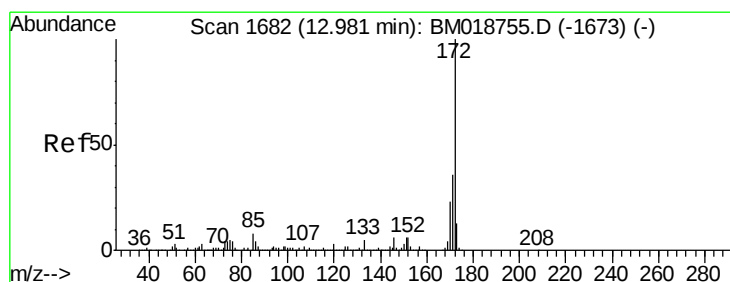
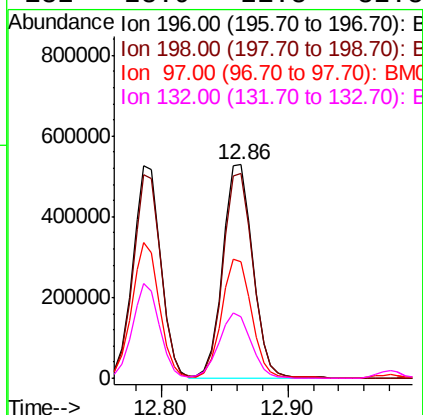
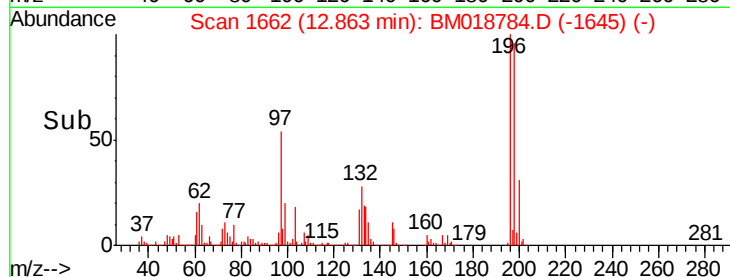
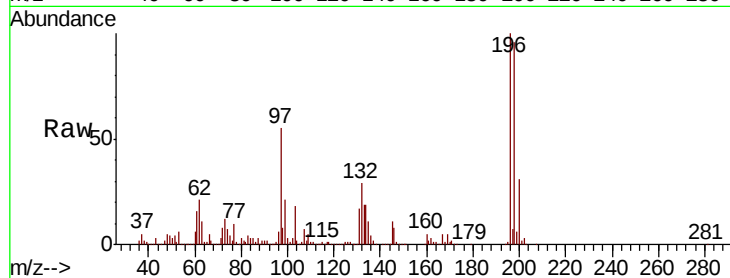




#44
2,4,5-Trichlorophenol
Concen: 45.441 ng
RT: 12.86 min Scan# 1662
Delta R.T. -0.00 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

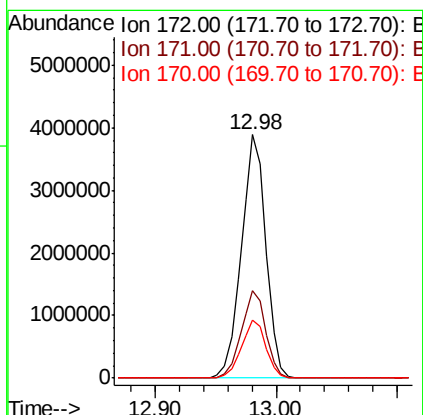
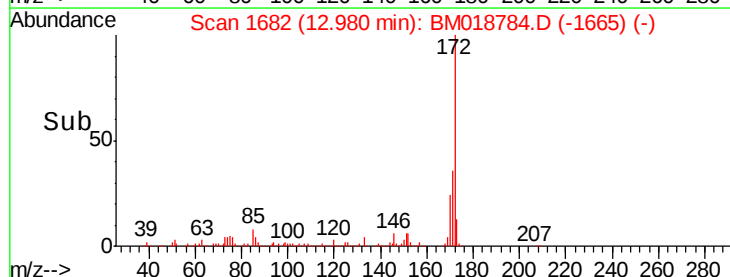
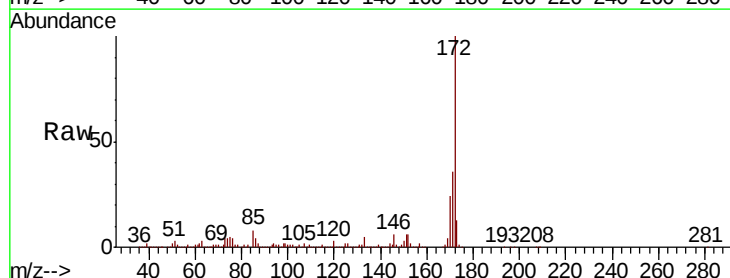
Instrument :
BNA_M
ClientSampleId :
MW-2-20190208MS

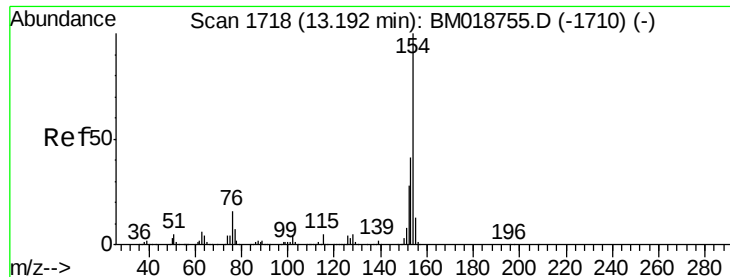
Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	77.6	116.4
97	54.7	42.8	64.2
132	28.9	21.8	32.8



#45
2-Fluorobiphenyl
Concen: 85.379 ng
RT: 12.98 min Scan# 1682
Delta R.T. -0.00 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.6
170	23.8	18.6	28.0

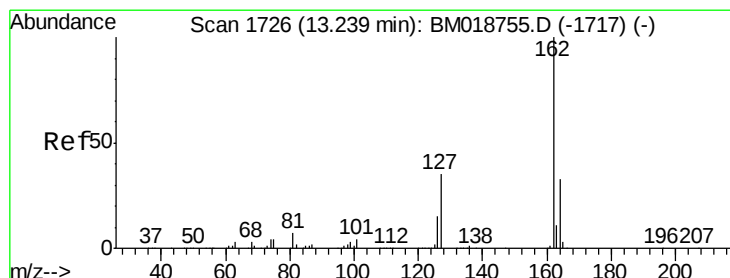
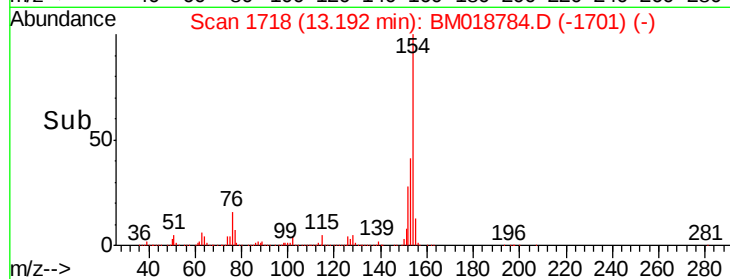
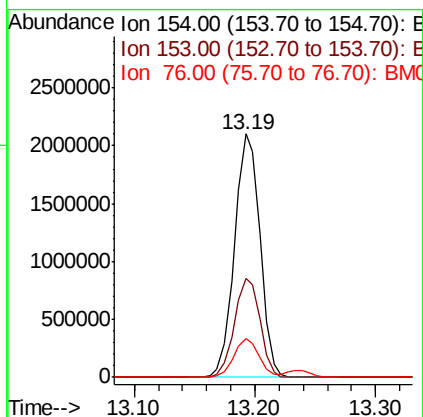
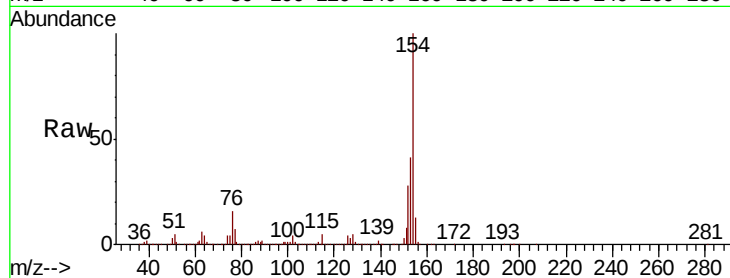




#46
 1,1'-Biphenyl
 Concen: 42.009 ng
 RT: 13.19 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BM018784.D
 Acq: 12 Feb 2019 22:06

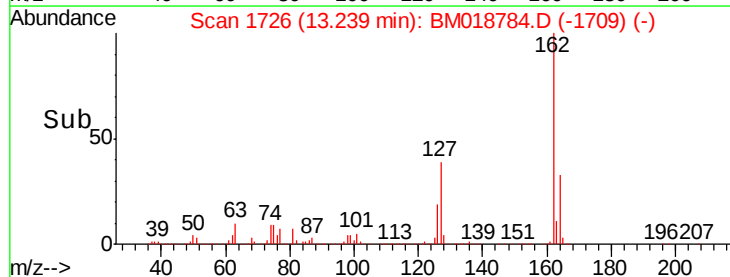
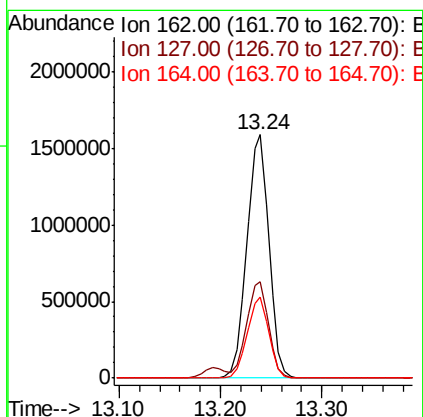
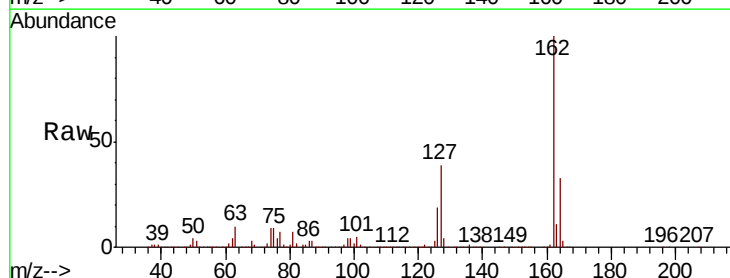
Instrument :
 BNA_M
 ClientSampleId :
 MW-2-20190208MS

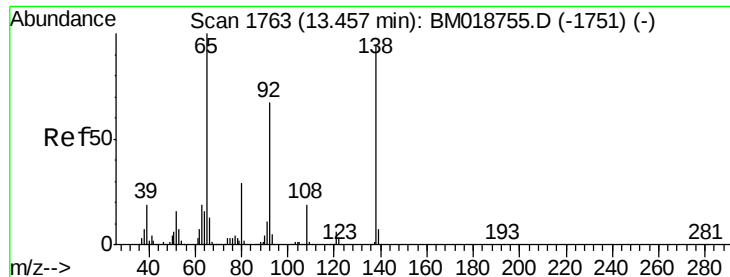
Tgt Ion:154 Resp: 3079159
 Ion Ratio Lower Upper
 154 100
 153 40.7 21.1 61.1
 76 15.8 0.0 35.7



#47
 2-Chloronaphthalene
 Concen: 42.173 ng
 RT: 13.24 min Scan# 1726
 Delta R.T. -0.00 min
 Lab File: BM018784.D
 Acq: 12 Feb 2019 22:06

Tgt Ion:162 Resp: 2387575
 Ion Ratio Lower Upper
 162 100
 127 39.4 31.1 46.7
 164 33.3 26.4 39.6

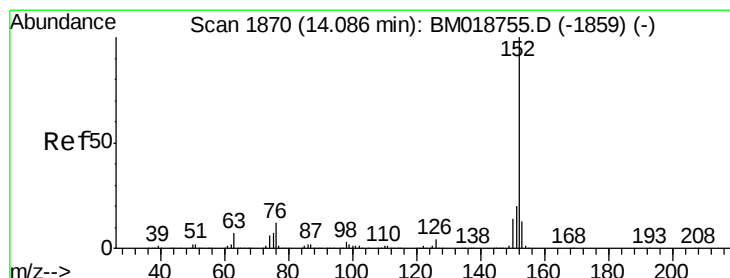
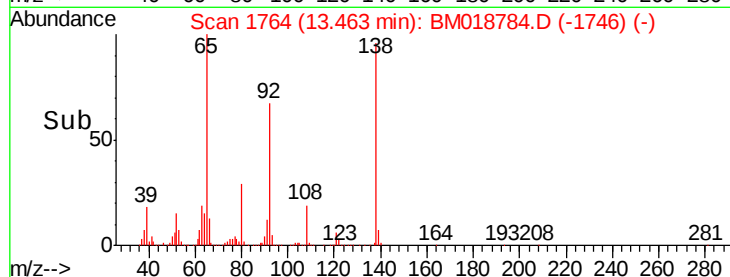
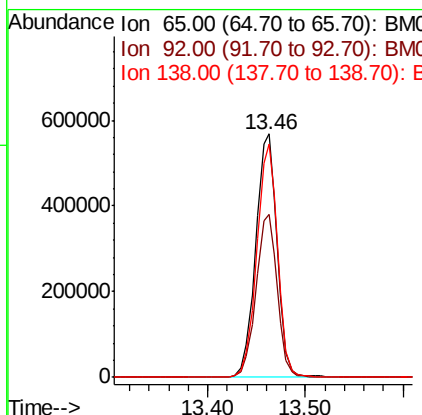
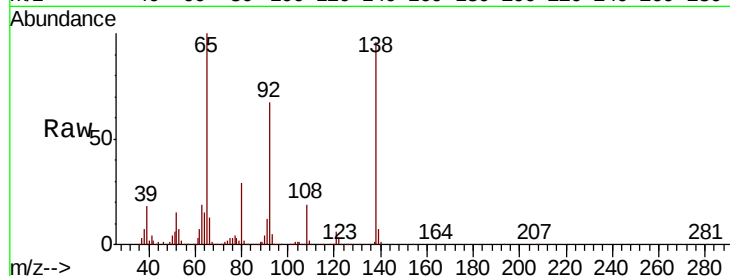




#48
2-Nitroaniline
Concen: 46.596 ng
RT: 13.46 min Scan# 1764
Delta R.T. 0.01 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

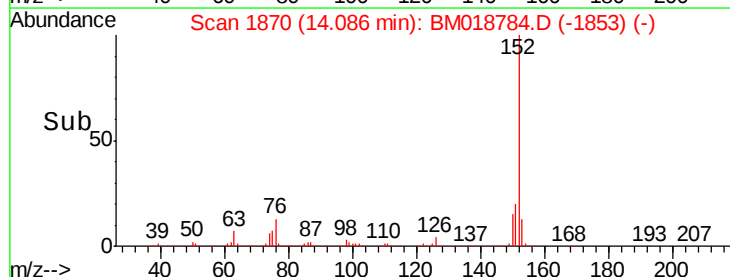
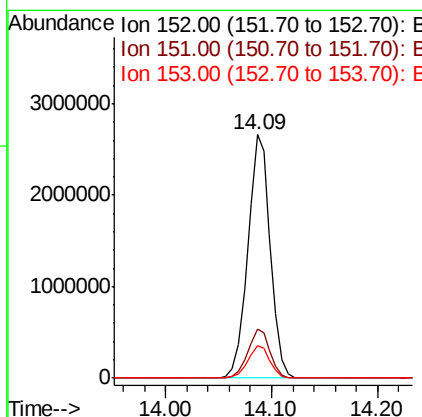
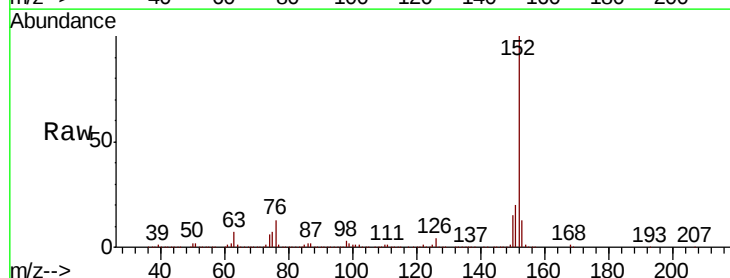
Instrument :
BNA_M
ClientSampleId :
MW-2-20190208MS

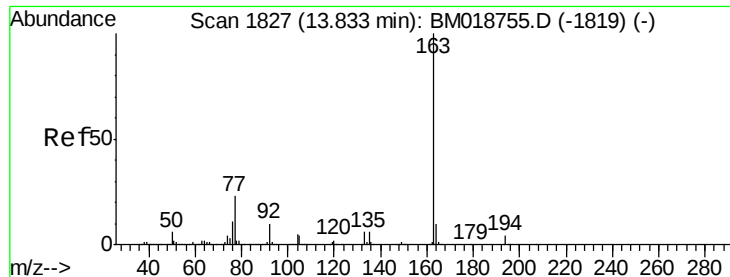
Tgt Ion: 65 Resp: 876139
Ion Ratio Lower Upper
65 100
92 67.1 54.0 81.0
138 96.0 74.9 112.3



#49
Acenaphthylene
Concen: 46.325 ng
RT: 14.09 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Tgt Ion: 152 Resp: 3905169
Ion Ratio Lower Upper
152 100
151 20.3 15.8 23.8
153 13.3 10.5 15.7

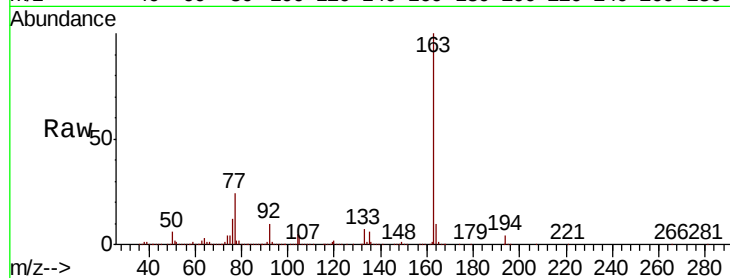




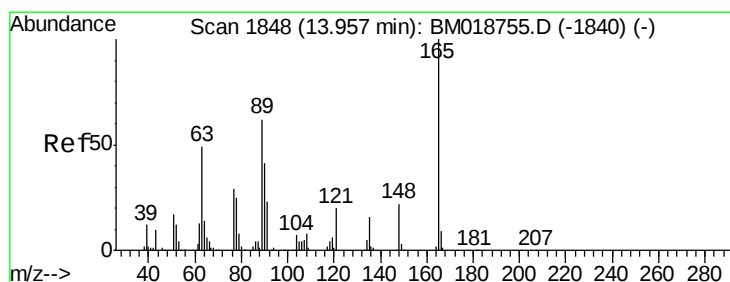
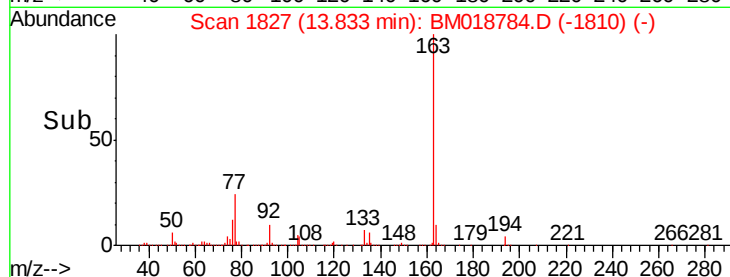
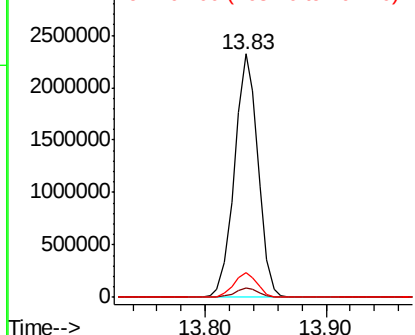
#50
Dimethylphthalate
Concen: 44.284 ng
RT: 13.83 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Instrument :
BNA_M
ClientSampleId :
MW-2-20190208MS

Tgt Ion:163 Resp: 3142630
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.1 7.8 11.8

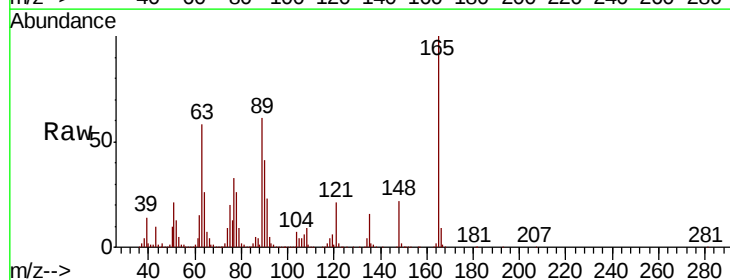


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

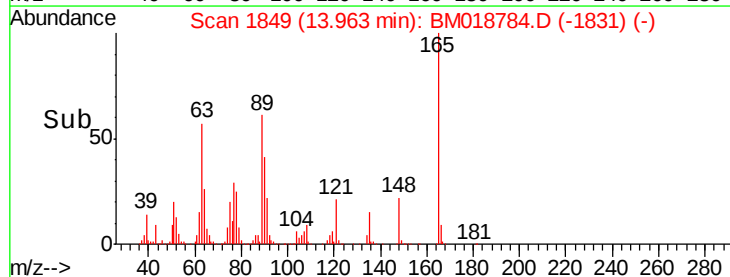
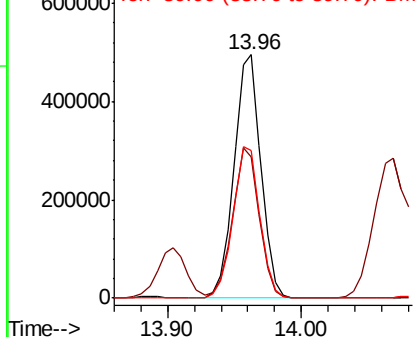


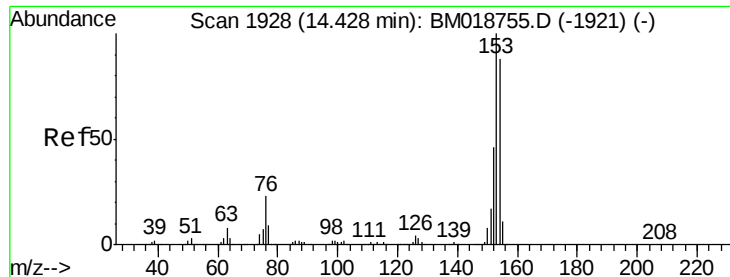
#51
2,6-Dinitrotoluene
Concen: 44.932 ng
RT: 13.96 min Scan# 1849
Delta R.T. 0.01 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Tgt Ion:165 Resp: 690725
Ion Ratio Lower Upper
165 100
63 57.8 48.9 73.3
89 60.8 49.4 74.0



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





#52

Acenaphthene

Concen: 44.054 ng

RT: 14.43 min Scan# 1929

Delta R.T. 0.01 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

Instrument :

BNA_M

ClientSampleId :

MW-2-20190208MS

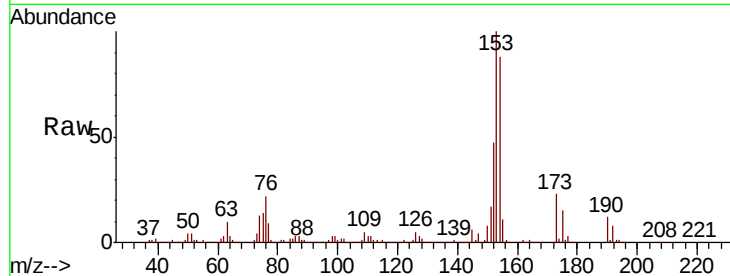
Tgt Ion:154 Resp: 2277152

Ion Ratio Lower Upper

154 100

153 113.8 91.3 136.9

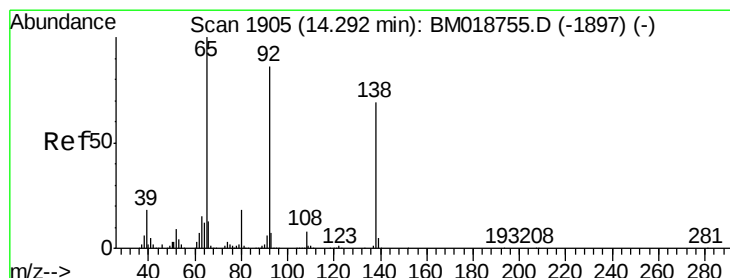
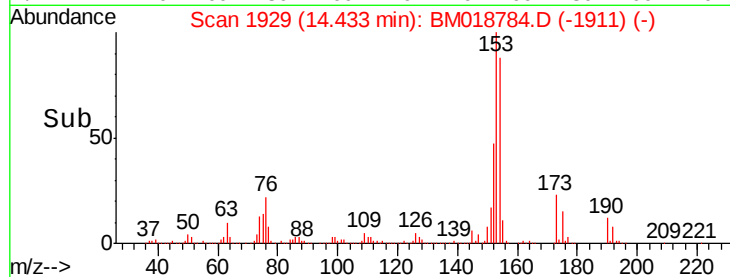
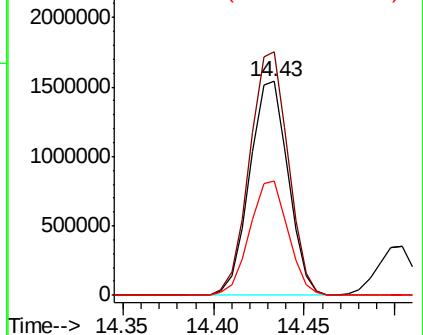
152 53.2 42.2 63.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 33.813 ng

RT: 14.30 min Scan# 1906

Delta R.T. 0.01 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

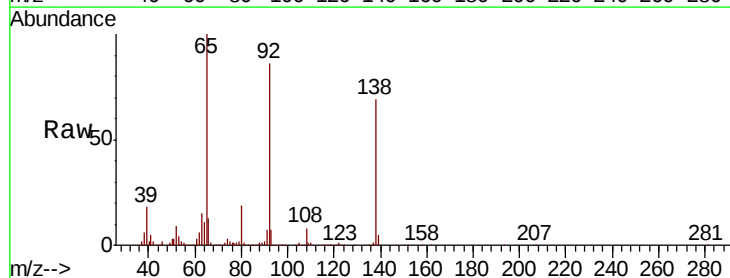
Tgt Ion:138 Resp: 587325

Ion Ratio Lower Upper

138 100

108 11.0 9.1 13.7

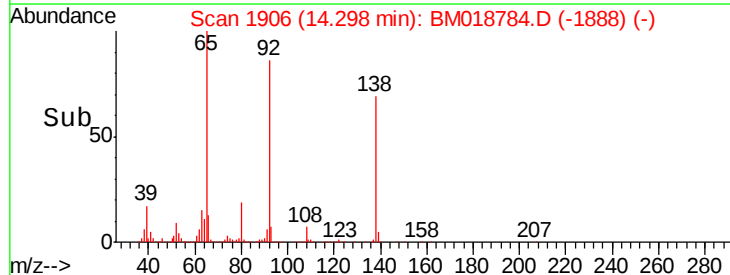
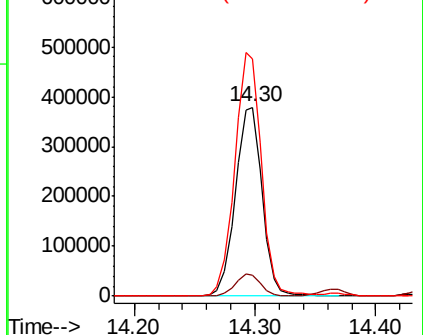
92 125.7 99.7 149.5

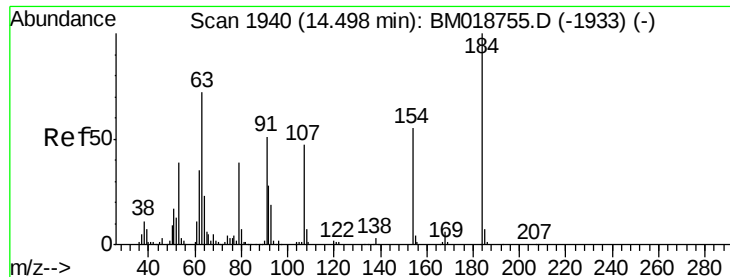


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E

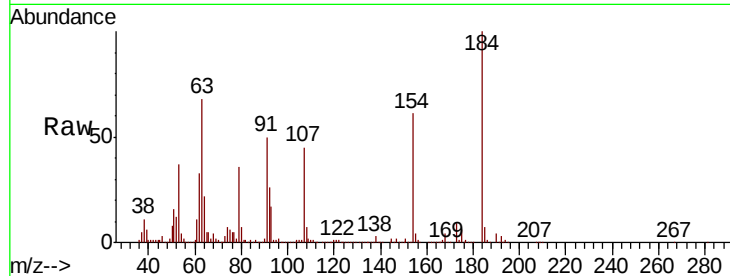




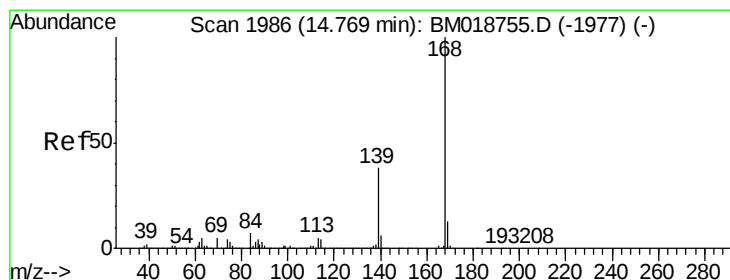
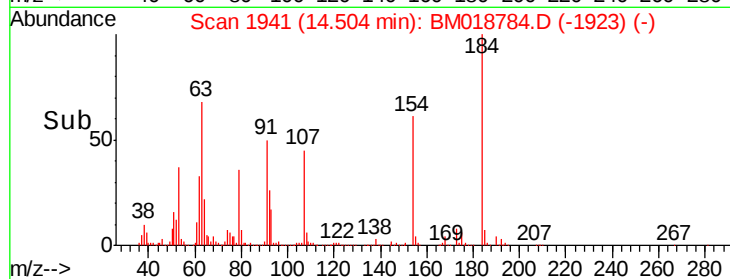
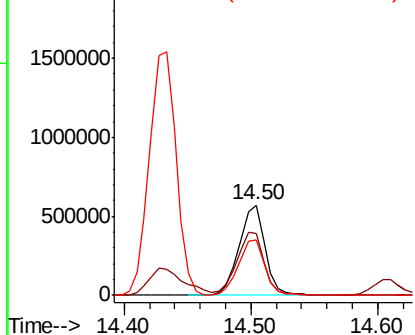
#54
2,4-Dinitrophenol
Concen: 82.615 ng
RT: 14.50 min Scan# 1941
Delta R.T. 0.01 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Instrument :
BNA_M
ClientSampleId :
MW-2-20190208MS

Tgt Ion:184 Resp: 807851
Ion Ratio Lower Upper
184 100
63 67.9 58.0 87.0
154 61.5 50.3 75.5

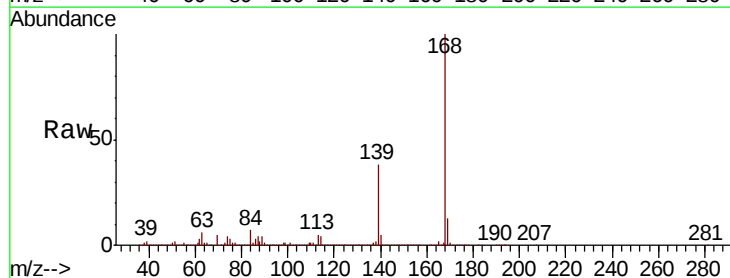


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 154.00 (153.70 to 154.70): E

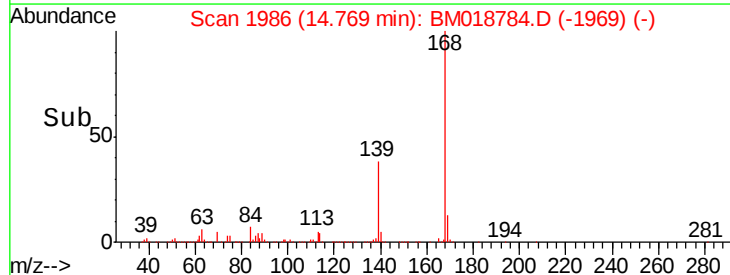
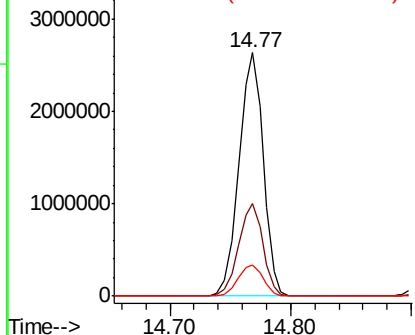


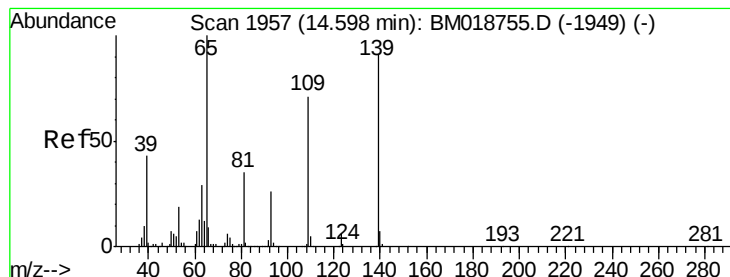
#55
Dibenzofuran
Concen: 43.534 ng
RT: 14.77 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Tgt Ion:168 Resp: 3698692
Ion Ratio Lower Upper
168 100
139 38.2 30.7 46.1
169 13.0 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: 34.124 ng

RT: 14.61 min Scan# 1959

Delta R.T. 0.01 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

Instrument :

BNA_M

ClientSampleId :

MW-2-20190208MS

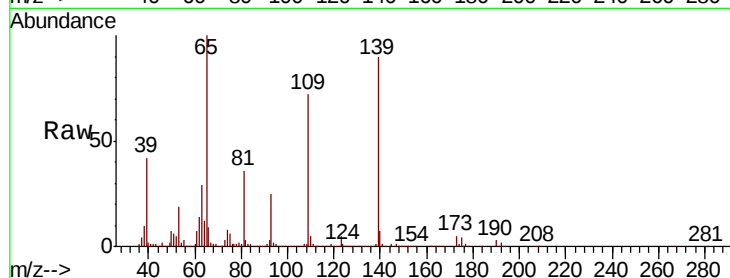
Tgt Ion:139 Resp: 473159

Ion Ratio Lower Upper

139 100

109 80.4 58.4 98.4

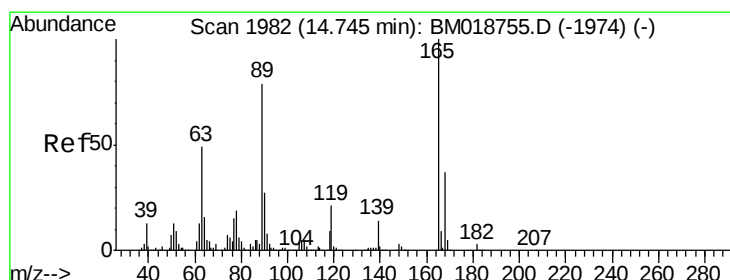
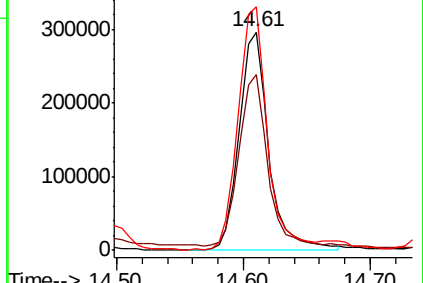
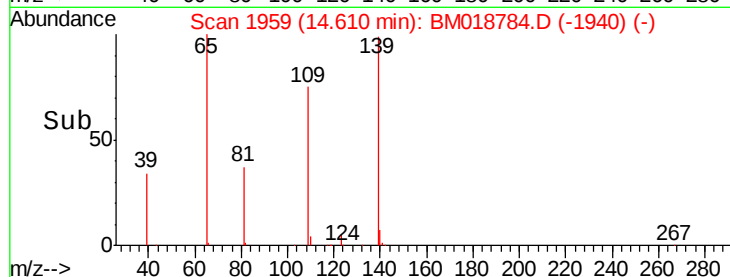
65 111.5 89.8 129.8



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): BM



#57

2,4-Dinitrotoluene

Concen: 46.397 ng

RT: 14.75 min Scan# 1983

Delta R.T. 0.01 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

Tgt Ion:165 Resp: 982720

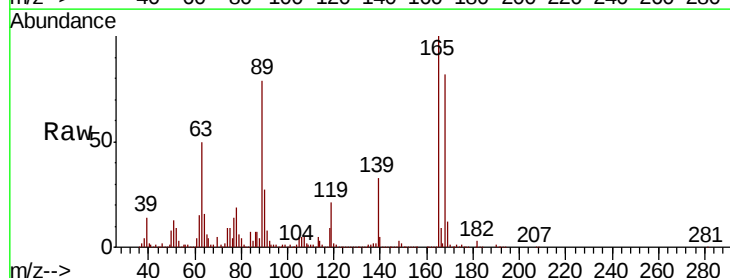
Ion Ratio Lower Upper

165 100

63 50.4 39.6 59.4

89 79.1 63.5 95.3

182 2.8 2.2 3.4

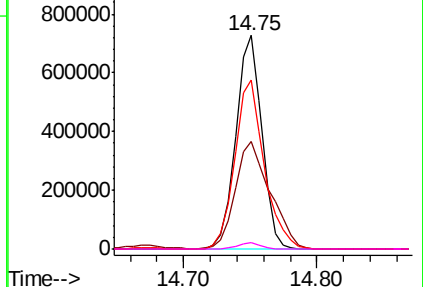
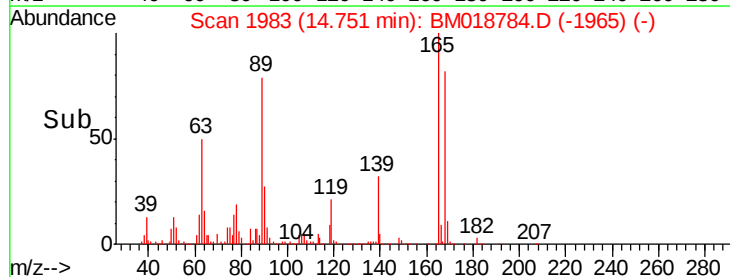


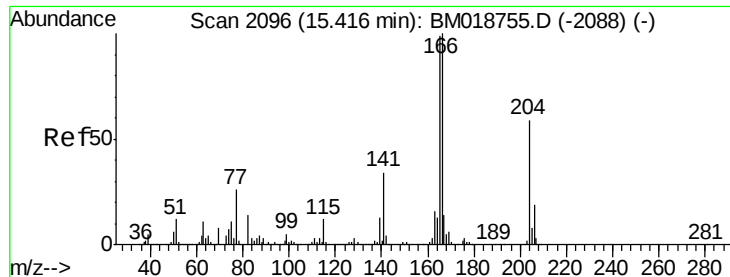
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 46.600 ng

RT: 15.42 min Scan# 2096

Delta R.T. -0.00 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

Instrument :

BNA_M

ClientSampleId :

MW-2-20190208MS

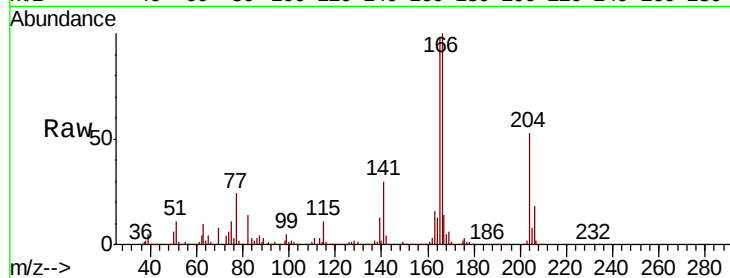
Tgt Ion:166 Resp: 3028913

Ion Ratio Lower Upper

166 100

165 98.3 79.1 118.7

167 13.8 11.0 16.4

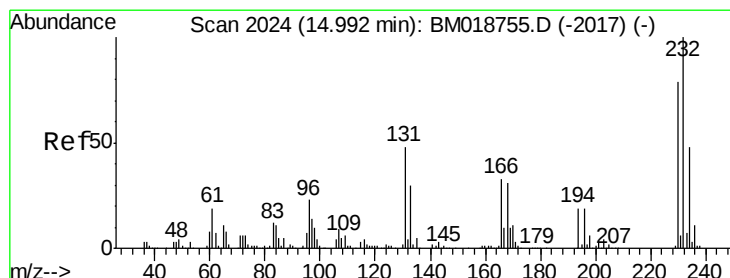
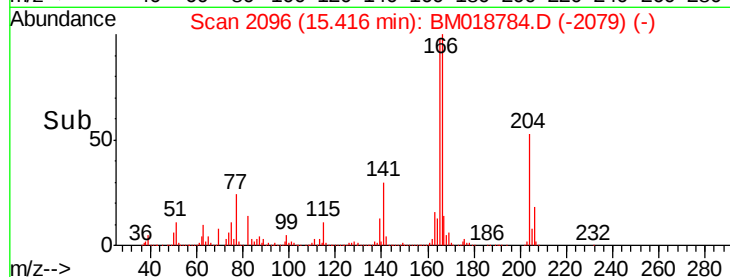
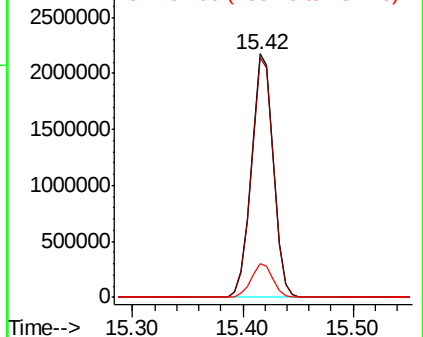


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 47.160 ng

RT: 14.99 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

Tgt Ion:232 Resp: 787879

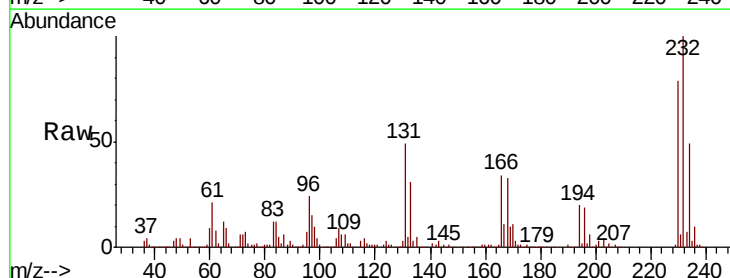
Ion Ratio Lower Upper

232 100

131 48.3 38.6 57.8

130 2.7 2.0 3.0

166 33.5 26.9 40.3



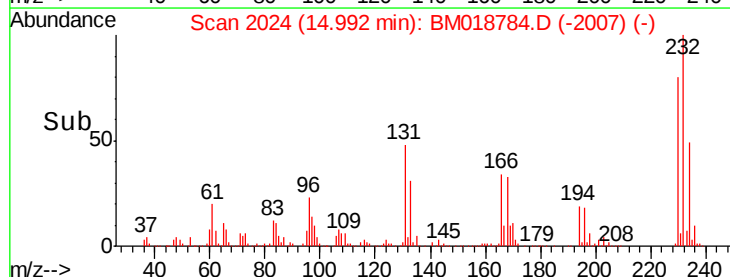
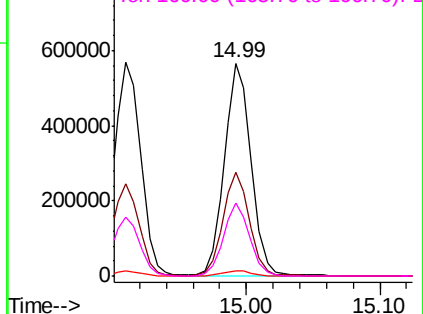
Abundance

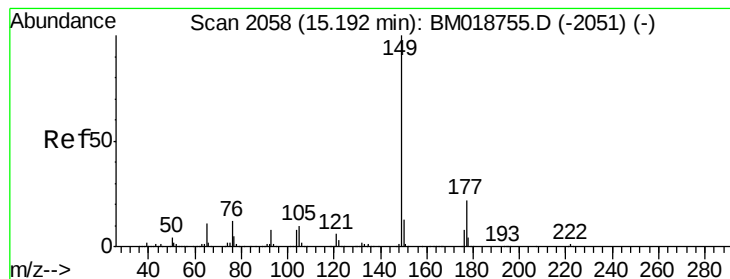
Ion 232.00 (231.70 to 232.70): E

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: 44.957 ng

RT: 15.20 min Scan# 2059

Delta R.T. 0.01 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

Instrument :

BNA_M

ClientSampleId :

MW-2-20190208MS

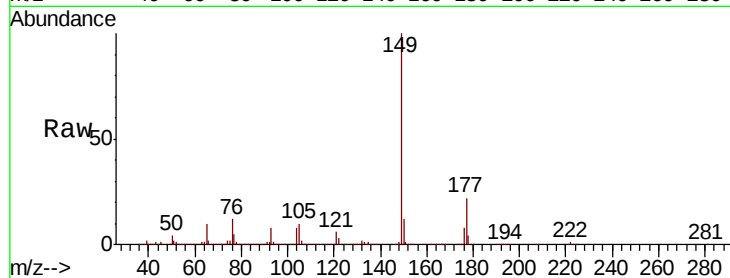
Tgt Ion:149 Resp: 3291100

Ion Ratio Lower Upper

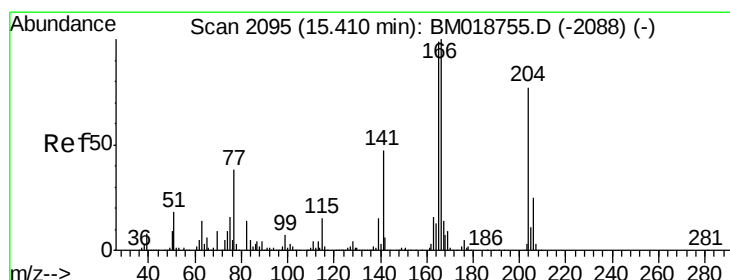
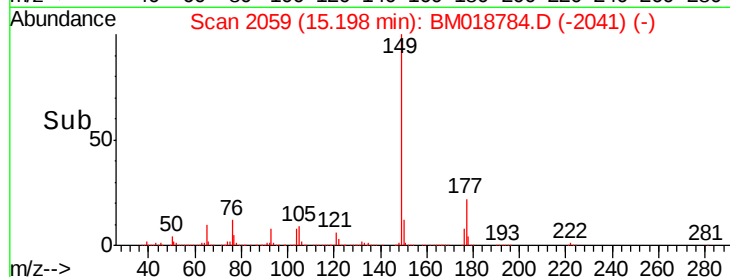
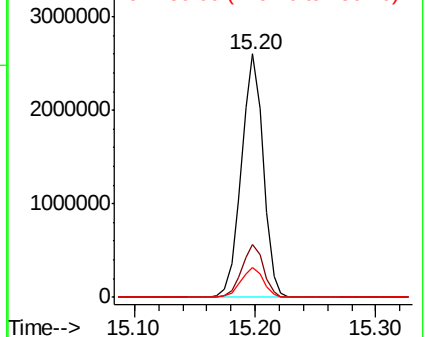
149 100

177 21.9 17.2 25.8

150 12.3 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: 42.012 ng

RT: 15.42 min Scan# 2096

Delta R.T. 0.01 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

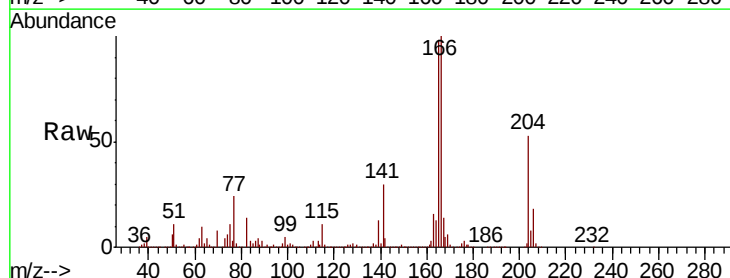
Tgt Ion:204 Resp: 1531049

Ion Ratio Lower Upper

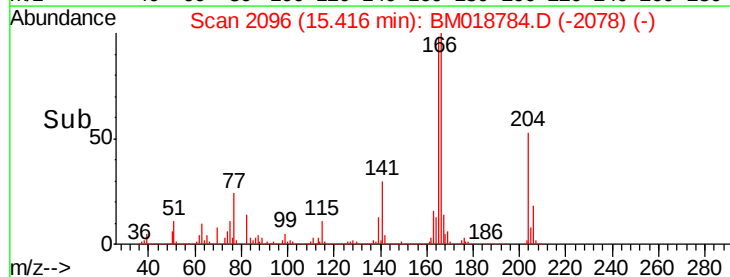
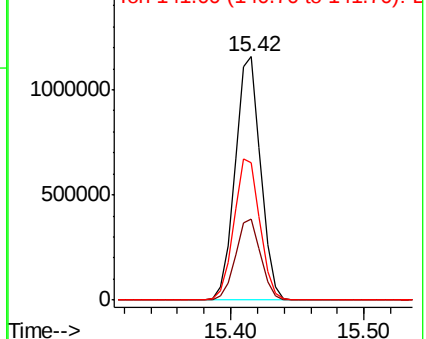
204 100

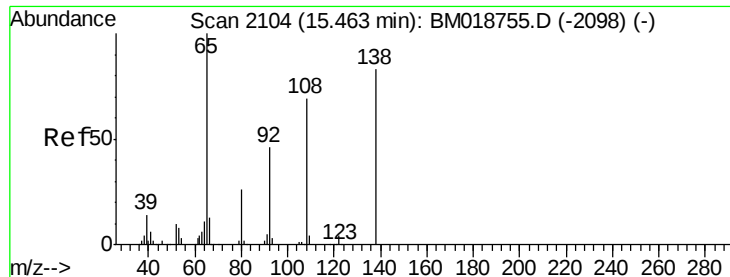
206 33.2 26.2 39.2

141 56.4 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

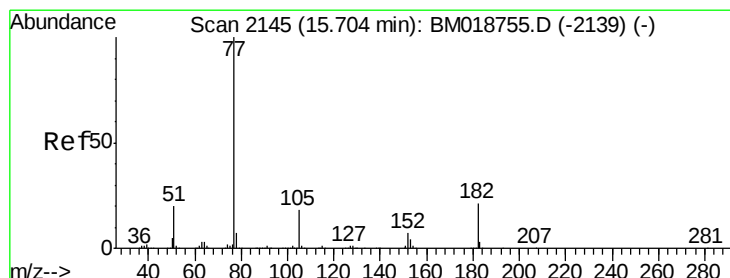
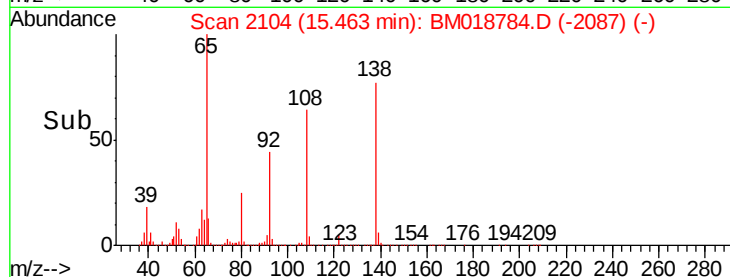
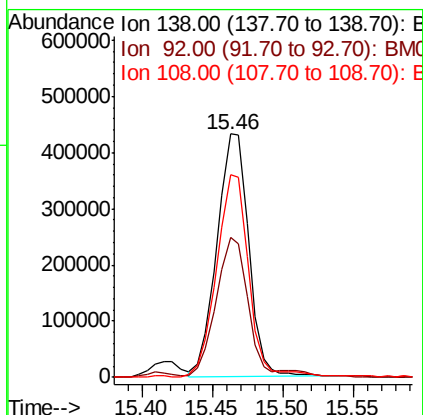
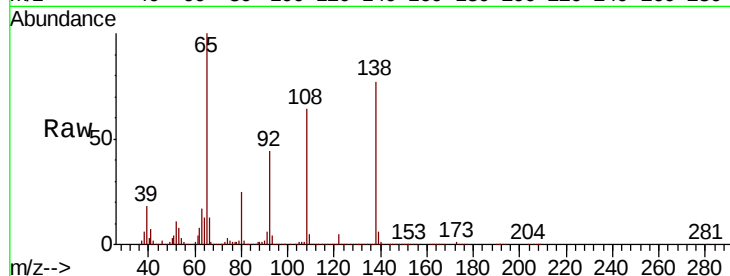




#62
4-Nitroaniline
Concen: 39.835 ng
RT: 15.46 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

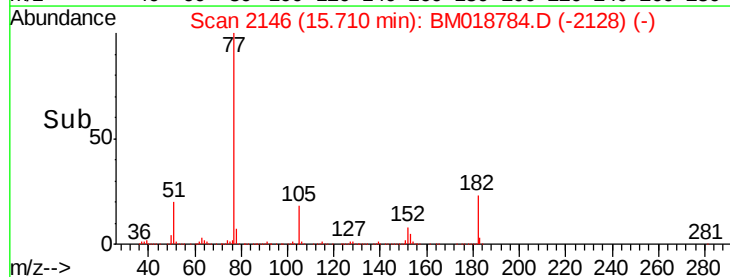
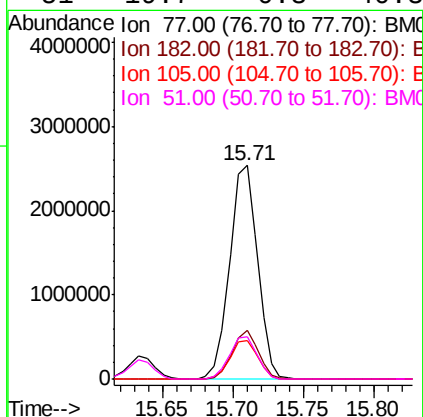
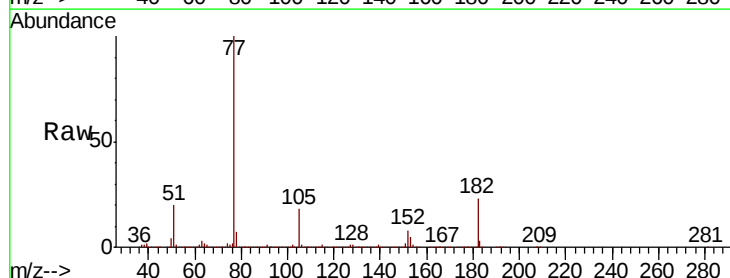
Instrument :
BNA_M
ClientSampleId :
MW-2-20190208MS

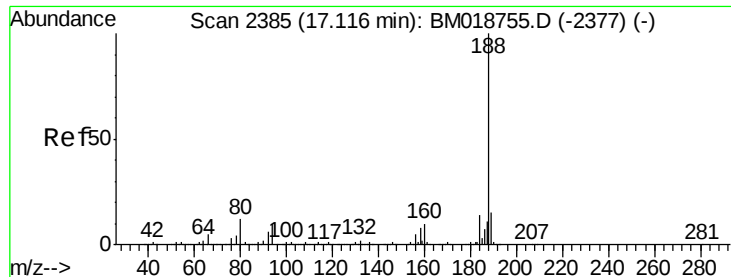
Tgt Ion:138 Resp: 678340
Ion Ratio Lower Upper
138 100
92 57.6 35.5 75.5
108 83.0 62.4 102.4



#63
Azobenzene
Concen: 44.338 ng
RT: 15.71 min Scan# 2146
Delta R.T. 0.01 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Tgt Ion: 77 Resp: 3480141
Ion Ratio Lower Upper
77 100
182 22.7 1.0 41.0
105 18.2 0.0 37.7
51 19.7 0.3 40.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.12 min Scan# 2385

Delta R.T. -0.00 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

Instrument :

BNA_M

ClientSampleId :

MW-2-20190208MS

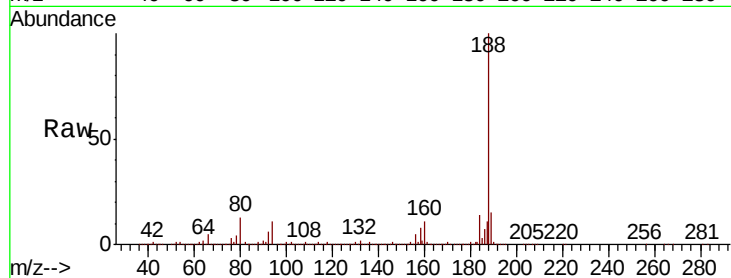
Tgt Ion:188 Resp: 1905418

Ion Ratio Lower Upper

188 100

94 10.5 8.2 12.2

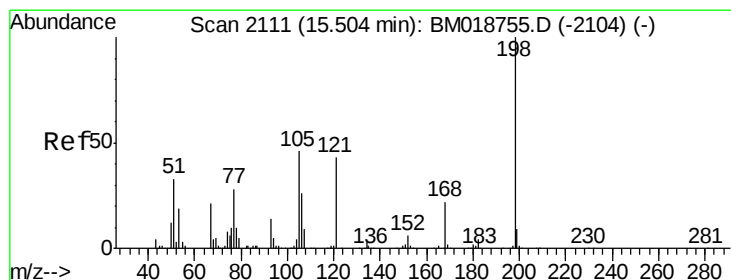
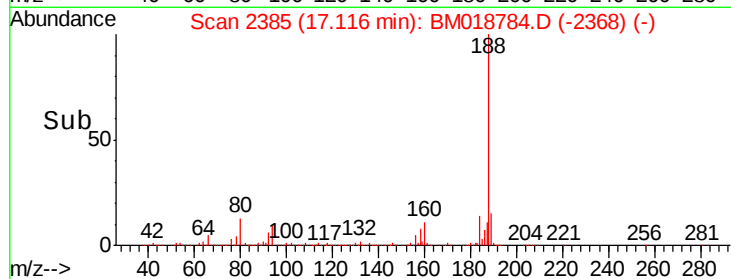
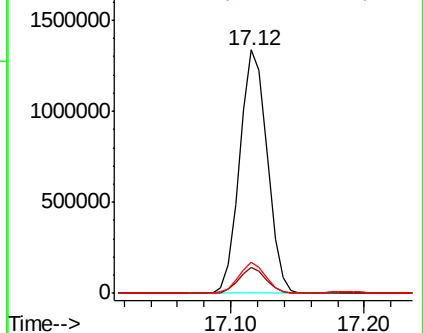
80 12.6 9.7 14.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#65

4,6-Dinitro-2-methylphenol

Concen: 39.369 ng

RT: 15.51 min Scan# 2112

Delta R.T. 0.01 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

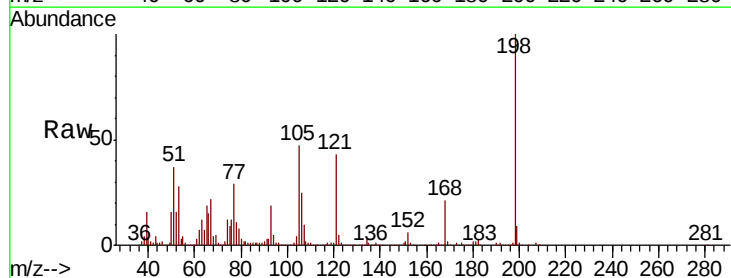
Tgt Ion:198 Resp: 526689

Ion Ratio Lower Upper

198 100

51 36.8 18.4 58.4

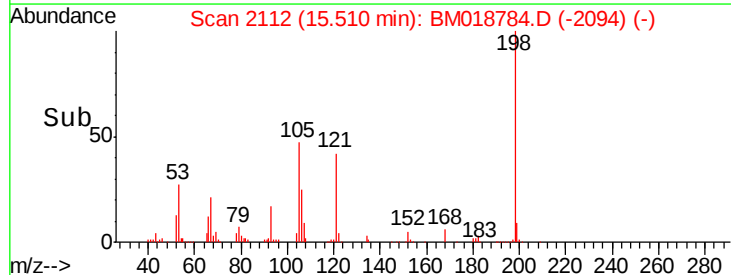
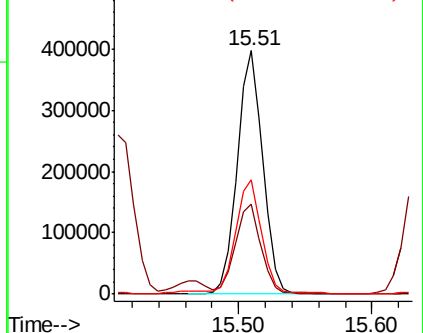
105 46.9 27.2 67.2

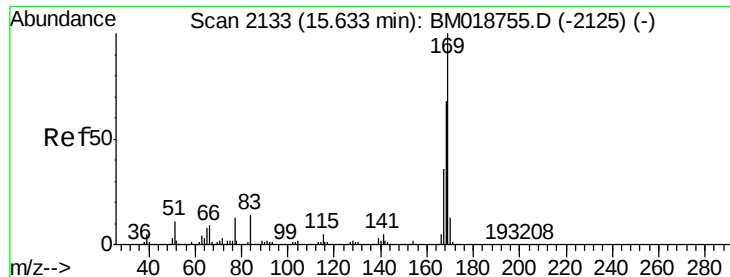


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E

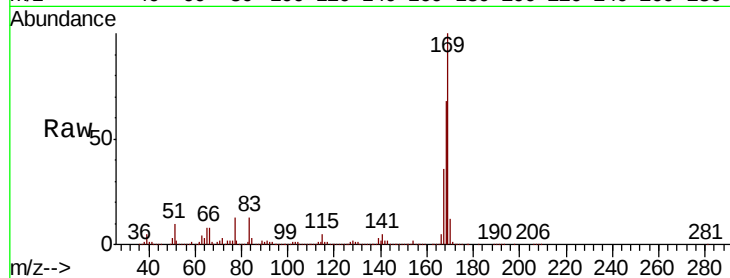




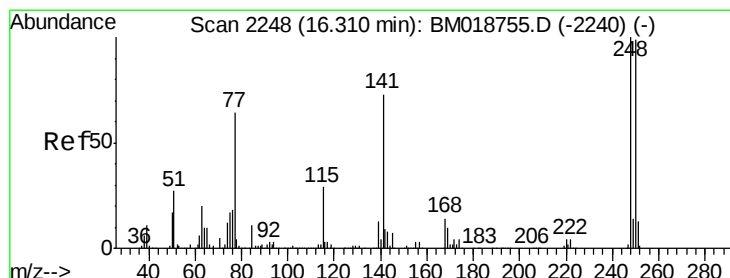
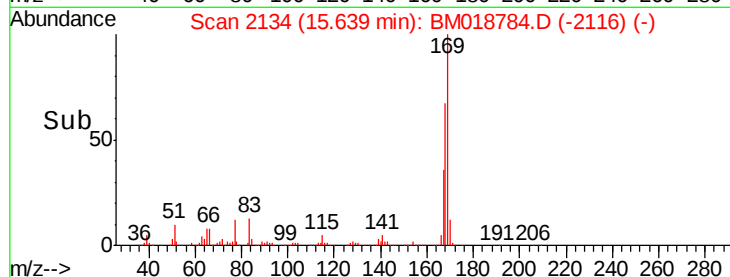
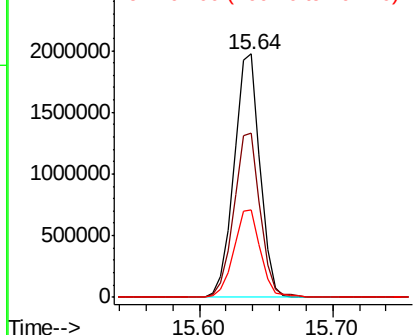
#66
 n-Nitrosodiphenylamine
 Concen: 44.143 ng
 RT: 15.64 min Scan# 2134
 Delta R.T. 0.01 min
 Lab File: BM018784.D
 Acq: 12 Feb 2019 22:06

Instrument :
 BNA_M
 ClientSampleId :
 MW-2-20190208MS

Tgt Ion:169 Resp: 2657376
 Ion Ratio Lower Upper
 169 100
 168 67.6 54.4 81.6
 167 36.0 29.0 43.6

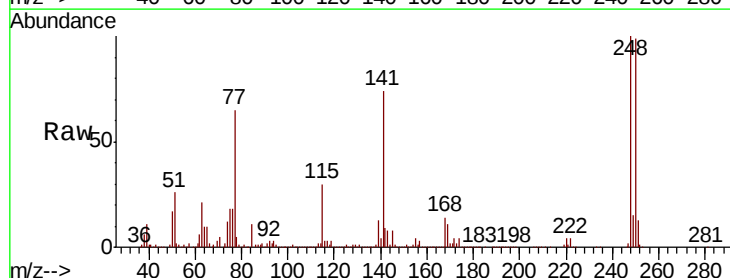


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

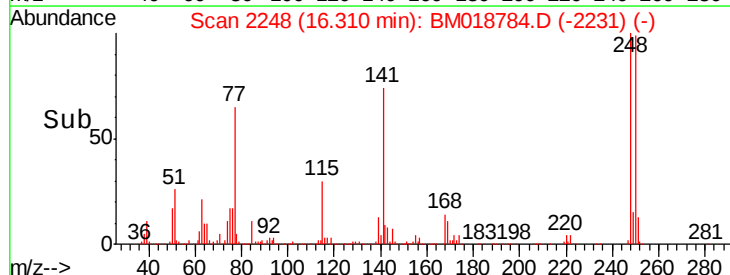
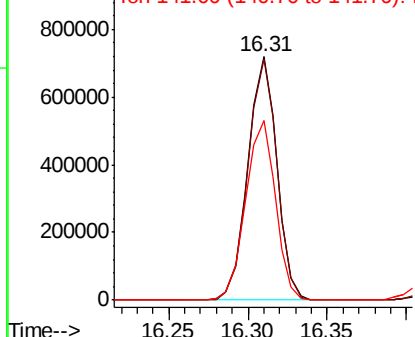


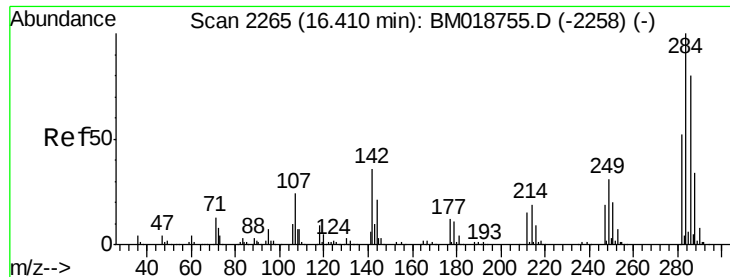
#67
 4-Bromophenyl-phenylether
 Concen: 42.939 ng
 RT: 16.31 min Scan# 2248
 Delta R.T. -0.00 min
 Lab File: BM018784.D
 Acq: 12 Feb 2019 22:06

Tgt Ion:248 Resp: 915789
 Ion Ratio Lower Upper
 248 100
 250 98.8 79.0 118.6
 141 73.6 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: 42.183 ng

RT: 16.41 min Scan# 2265

Delta R.T. -0.00 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

Instrument :

BNA_M

ClientSampleId :

MW-2-20190208MS

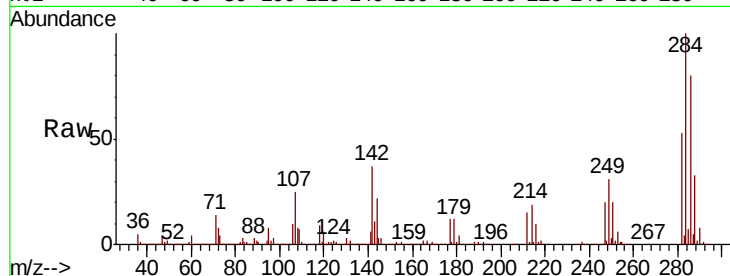
Tgt Ion:284 Resp: 1045743

Ion Ratio Lower Upper

284 100

142 36.8 28.9 43.3

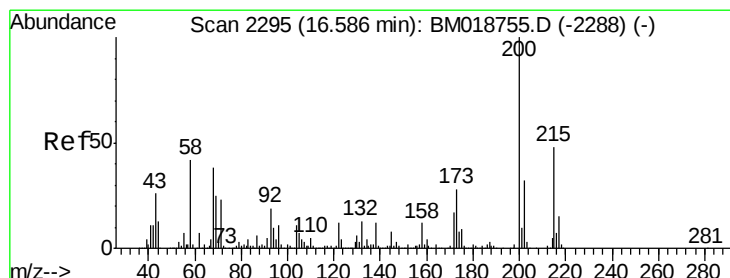
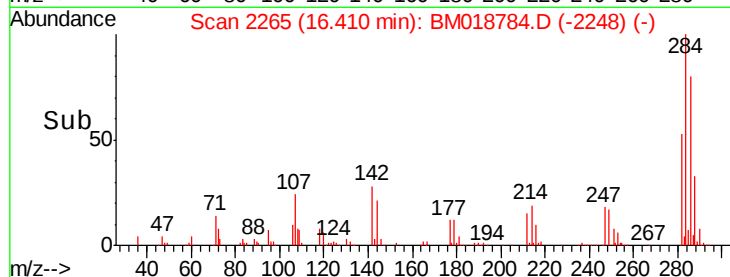
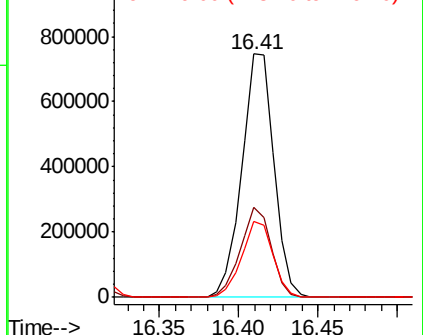
249 31.3 24.8 37.2



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: 44.892 ng

RT: 16.60 min Scan# 2297

Delta R.T. 0.01 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

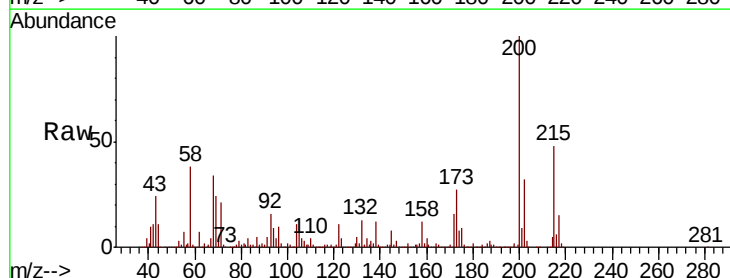
Tgt Ion:200 Resp: 871250

Ion Ratio Lower Upper

200 100

173 27.1 7.6 47.6

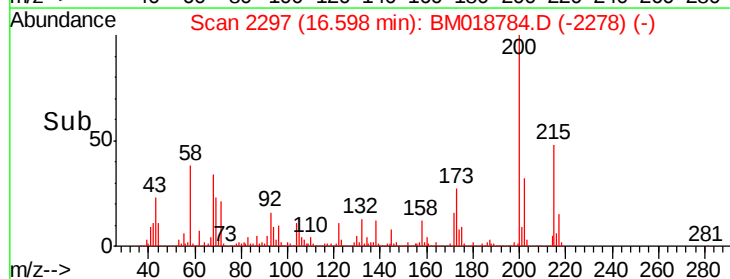
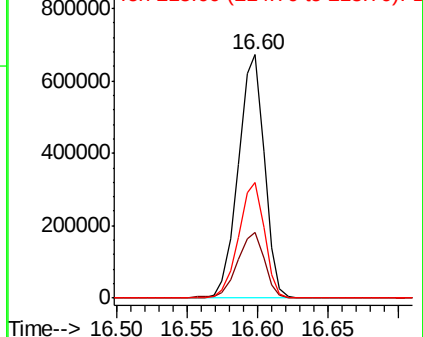
215 47.7 27.6 67.6

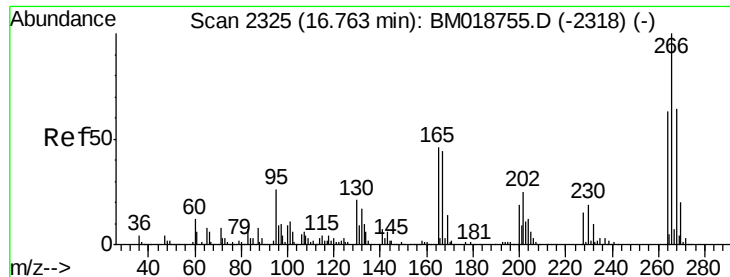


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#70

Pentachlorophenol

Concen: 84.166 ng

RT: 16.77 min Scan# 2326

Delta R.T. 0.01 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

Instrument :

BNA_M

ClientSampleId :

MW-2-20190208MS

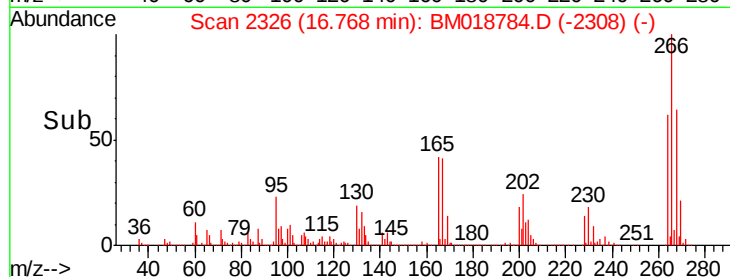
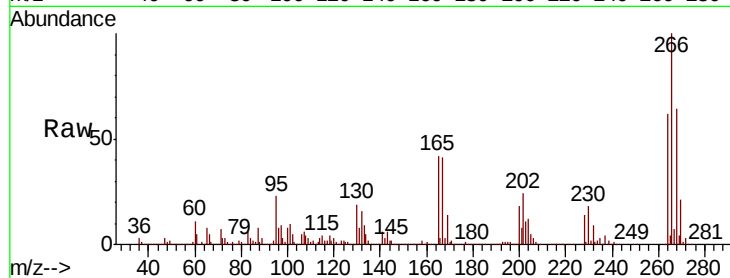
Tgt Ion:266 Resp: 1343464

Ion Ratio Lower Upper

266 100

268 64.4 51.3 76.9

264 62.0 50.6 75.8

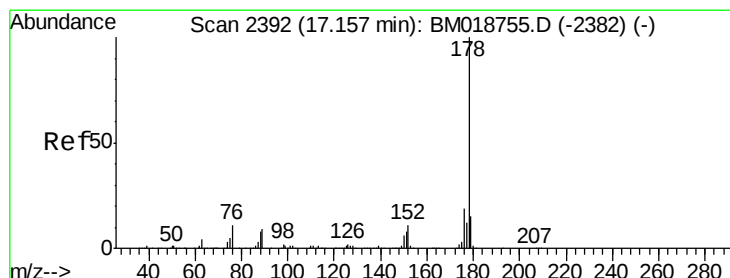
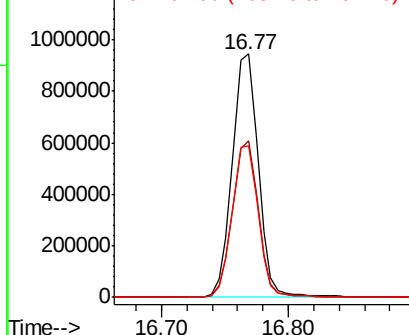


Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#71

Phenanthrene

Concen: 45.915 ng

RT: 17.16 min Scan# 2393

Delta R.T. 0.01 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

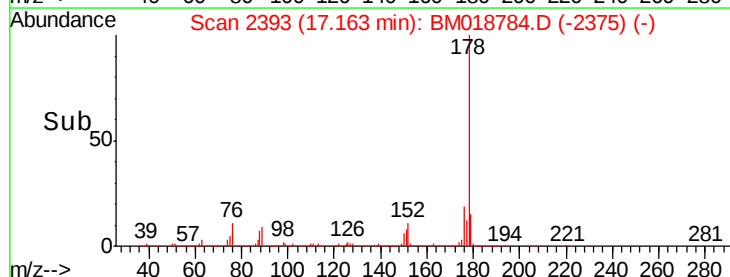
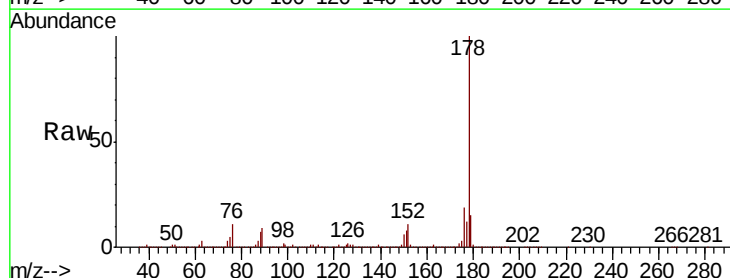
Tgt Ion:178 Resp: 4701747

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

179 15.4 12.3 18.5

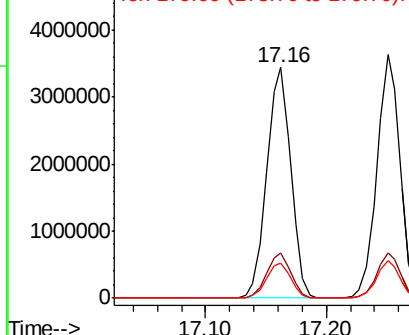


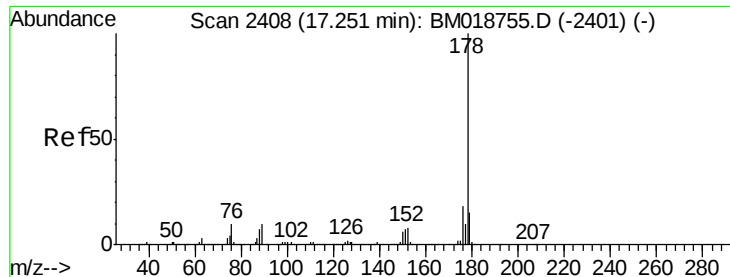
Abundance

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: 48.331 ng

RT: 17.25 min Scan# 2408

Delta R.T. -0.00 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

Instrument :

BNA_M

ClientSampleId :

MW-2-20190208MS

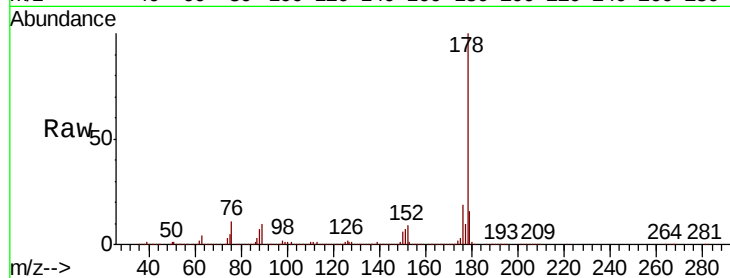
Tgt Ion:178 Resp: 4817103

Ion Ratio Lower Upper

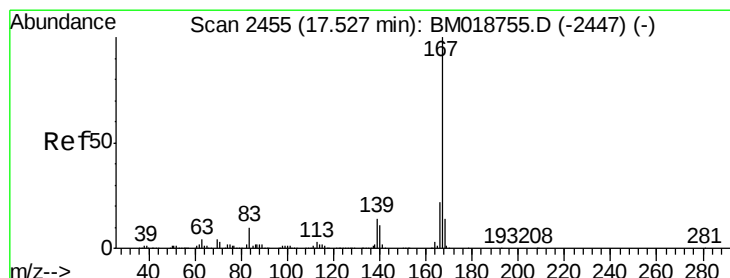
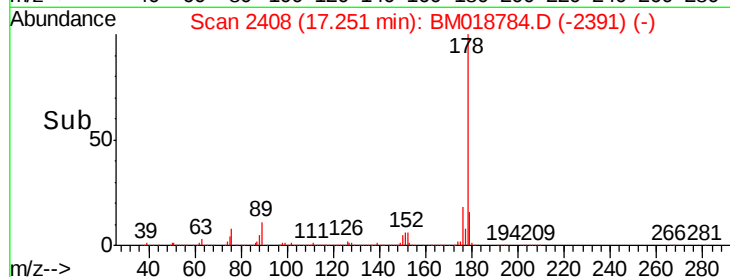
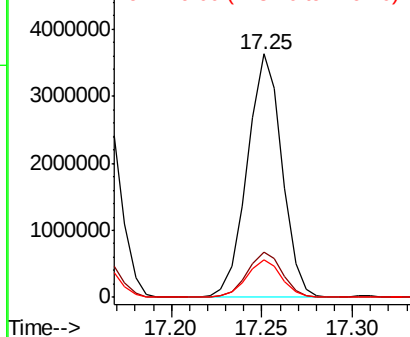
178 100

176 18.7 14.8 22.2

179 15.6 12.1 18.1



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



#73

Carbazole

Concen: 43.003 ng

RT: 17.53 min Scan# 2456

Delta R.T. 0.01 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

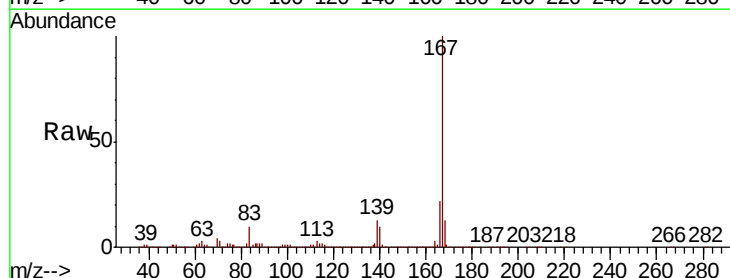
Tgt Ion:167 Resp: 4477868

Ion Ratio Lower Upper

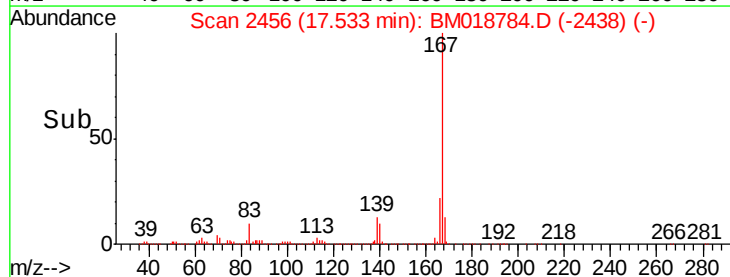
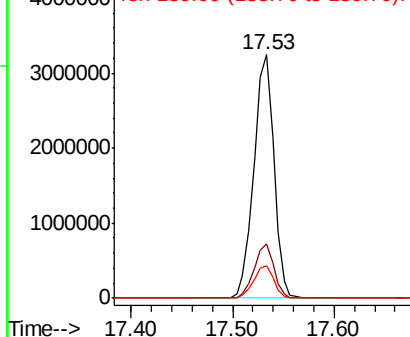
167 100

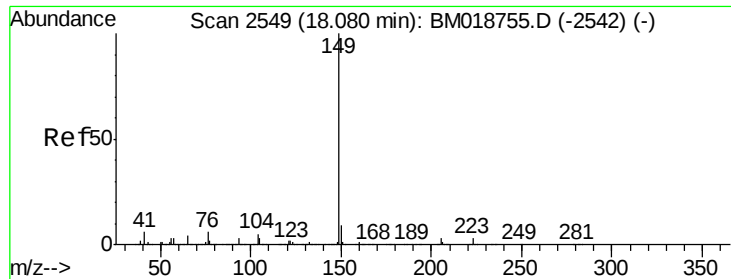
166 22.1 17.7 26.5

139 13.3 10.9 16.3



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





#74

Di-n-butylphthalate

Concen: 47.627 ng

RT: 18.09 min Scan# 2550

Delta R.T. 0.01 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

Instrument :

BNA_M

ClientSampleId :

MW-2-20190208MS

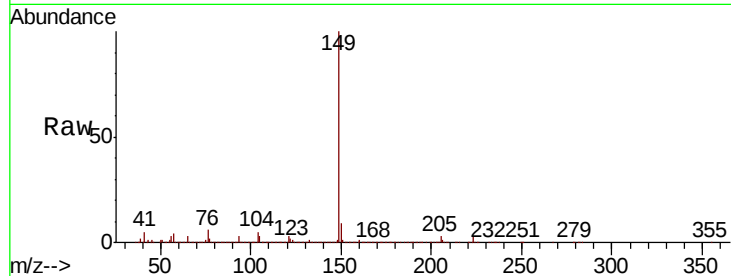
Tgt Ion:149 Resp: 5703730

Ion Ratio Lower Upper

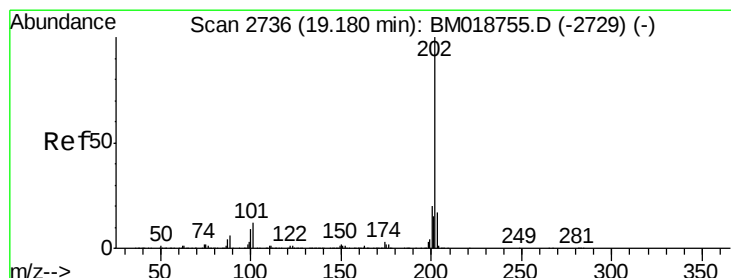
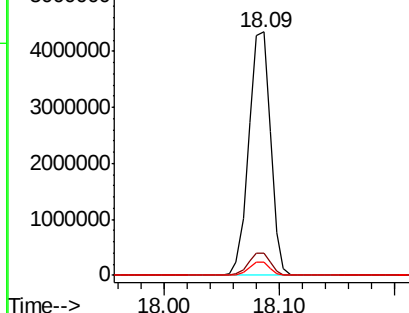
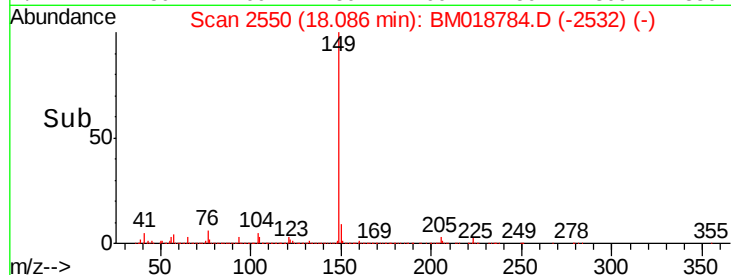
149 100

150 9.0 7.4 11.0

104 5.3 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: 46.255 ng

RT: 19.18 min Scan# 2736

Delta R.T. -0.00 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

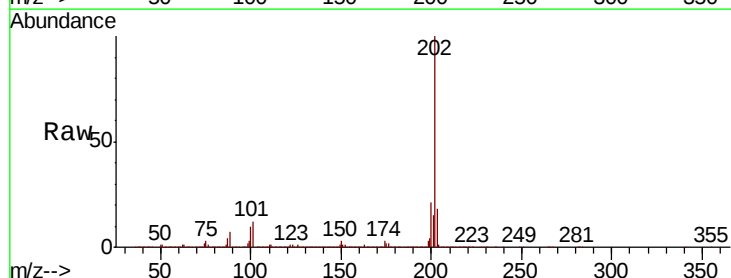
Tgt Ion:202 Resp: 5471291

Ion Ratio Lower Upper

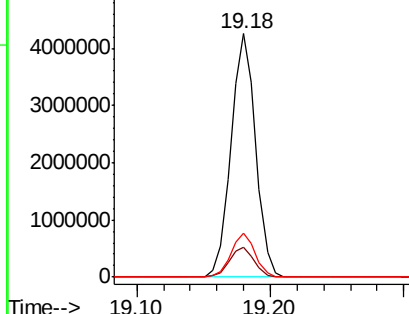
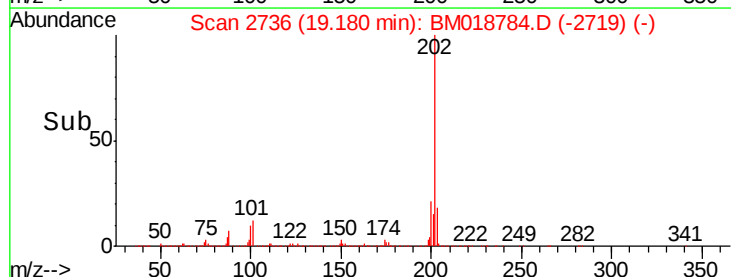
202 100

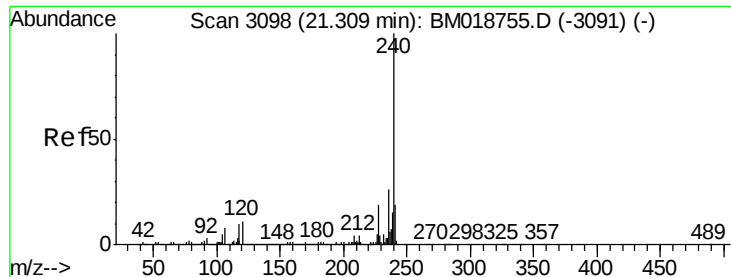
101 12.3 0.0 31.5

203 17.8 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

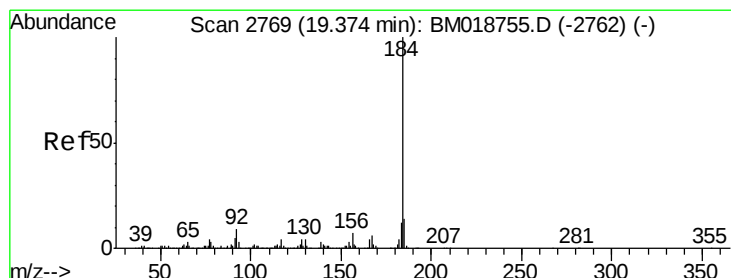
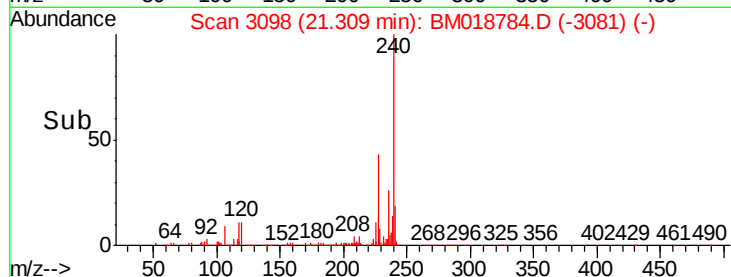
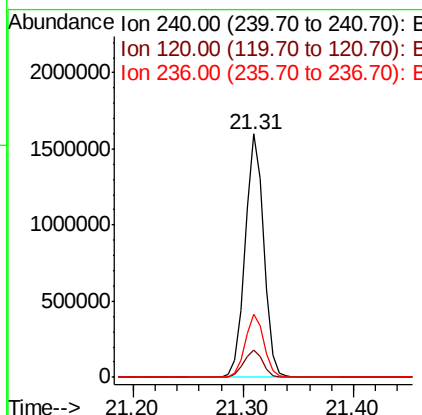
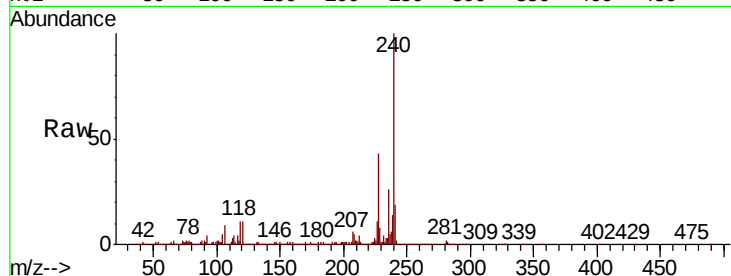




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.31 min Scan# 3098
Delta R.T. -0.00 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

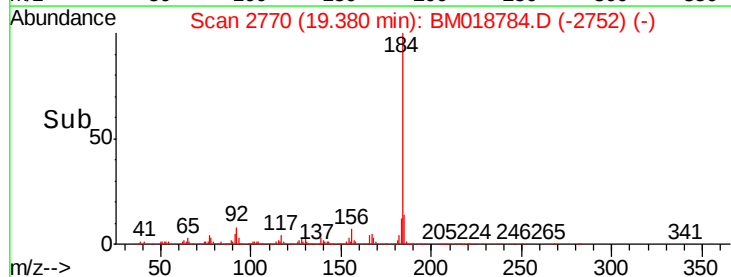
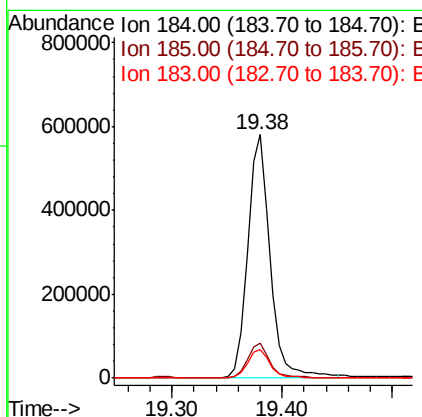
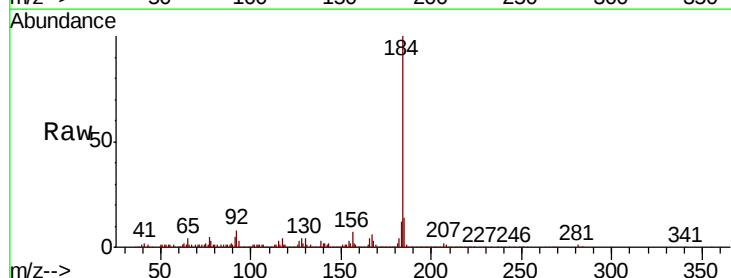
Instrument :
BNA_M
ClientSampleId :
MW-2-20190208MS

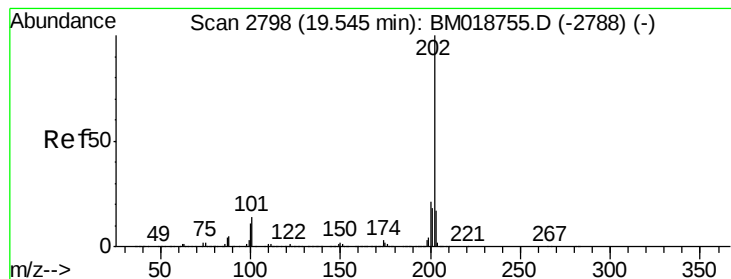
Tgt Ion:240 Resp: 1891406
Ion Ratio Lower Upper
240 100
120 11.4 8.9 13.3
236 25.9 20.9 31.3



#77
Benzidine
Concen: 19.310 ng
RT: 19.38 min Scan# 2770
Delta R.T. 0.01 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Tgt Ion:184 Resp: 822546
Ion Ratio Lower Upper
184 100
185 14.1 11.2 16.8
183 12.0 9.7 14.5





#78

Pyrene

Concen: 50.984 ng

RT: 19.54 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

Instrument :

BNA_M

ClientSampleId :

MW-2-20190208MS

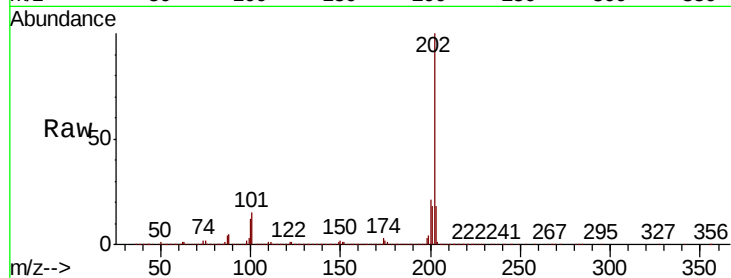
Tgt Ion:202 Resp: 5600667

Ion Ratio Lower Upper

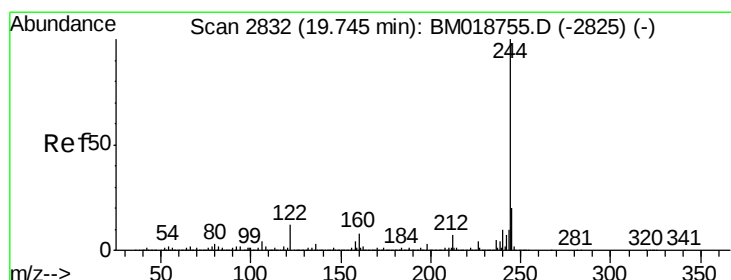
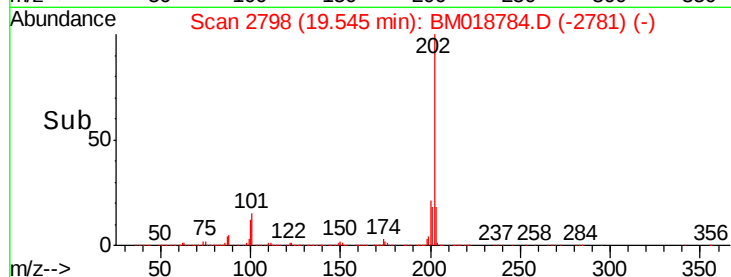
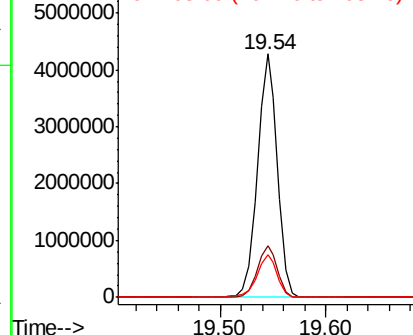
202 100

200 21.1 16.9 25.3

203 17.6 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: 92.545 ng

RT: 19.75 min Scan# 2833

Delta R.T. 0.01 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

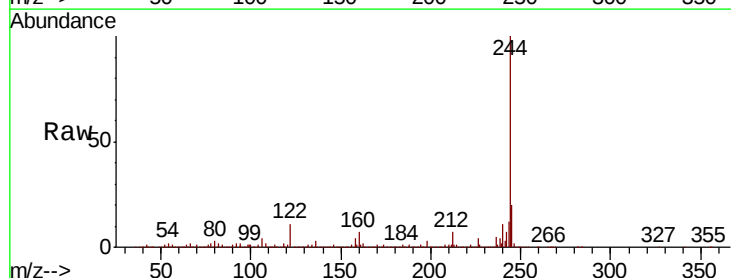
Tgt Ion:244 Resp: 8485143

Ion Ratio Lower Upper

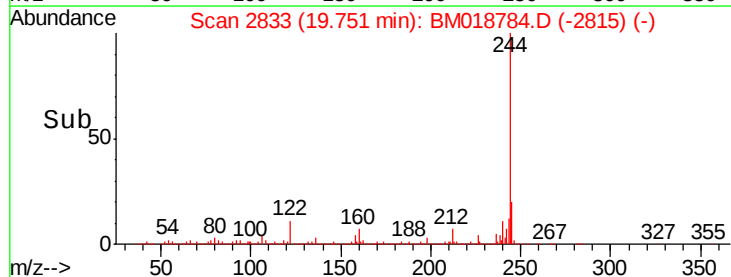
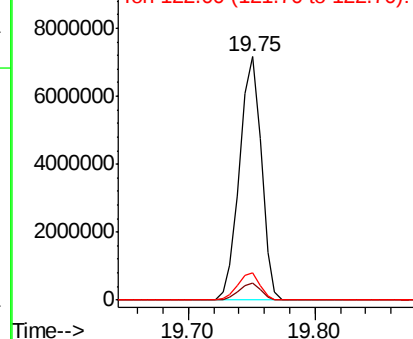
244 100

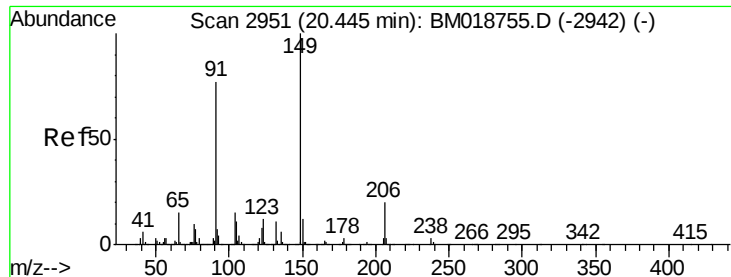
212 7.2 5.6 8.4

122 11.0 9.3 13.9



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#80

Butylbenzylphthalate

Concen: 54.091 ng

RT: 20.44 min Scan# 2951

Delta R.T. -0.00 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

Instrument :

BNA_M

ClientSampleId :

MW-2-20190208MS

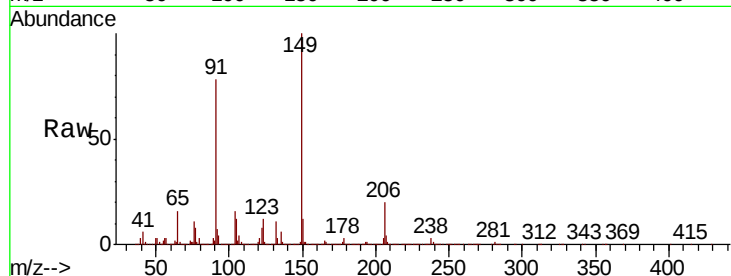
Tgt Ion:149 Resp: 2707997

Ion Ratio Lower Upper

149 100

91 78.4 61.4 92.0

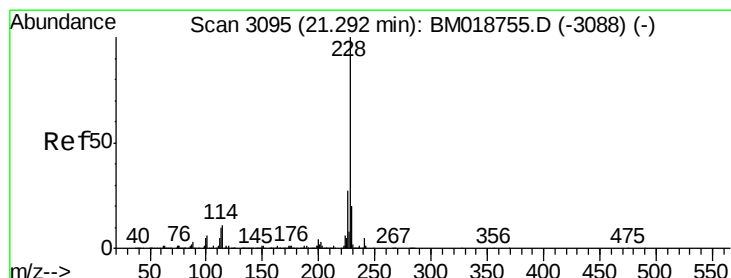
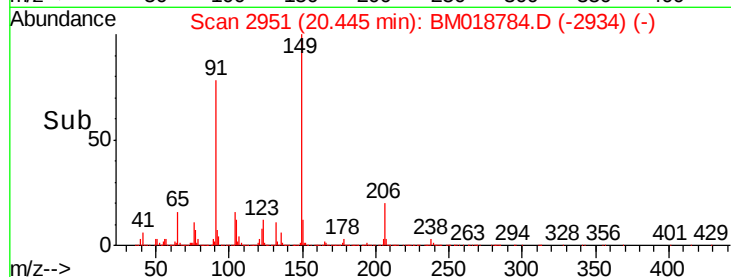
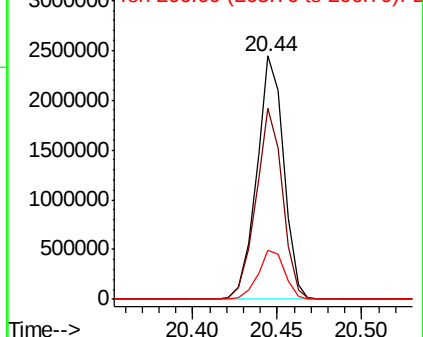
206 19.9 15.8 23.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E



#81

Benzo(a)anthracene

Concen: 48.033 ng

RT: 21.29 min Scan# 3095

Delta R.T. -0.00 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

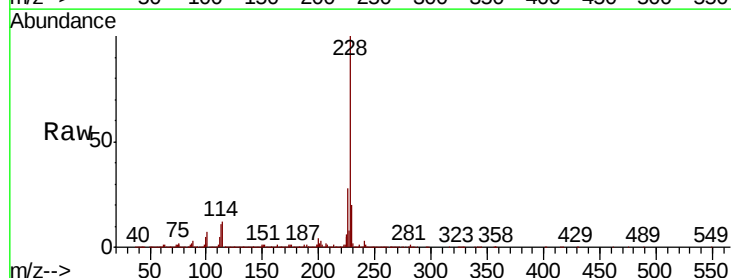
Tgt Ion:228 Resp: 5295797

Ion Ratio Lower Upper

228 100

226 27.5 21.9 32.9

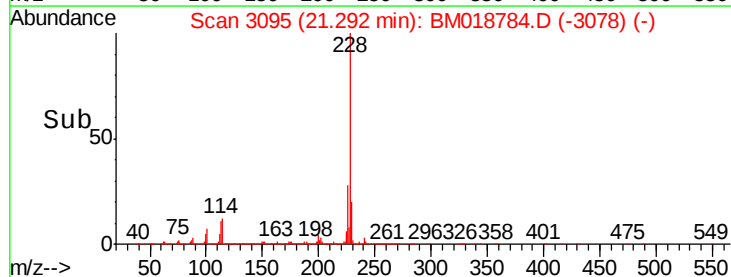
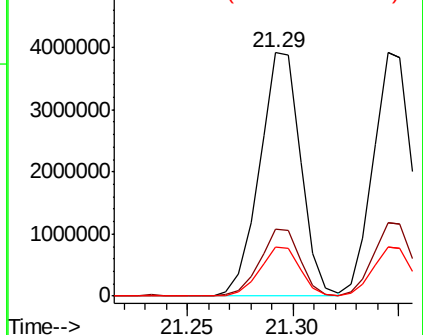
229 20.2 15.9 23.9

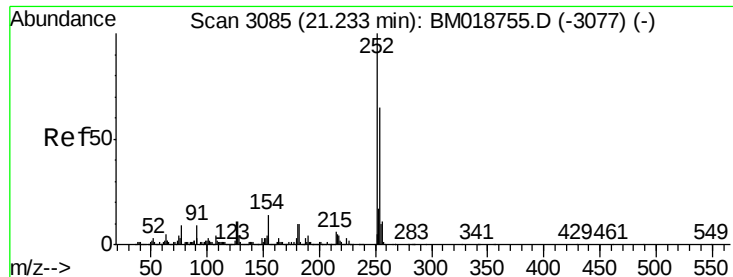


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

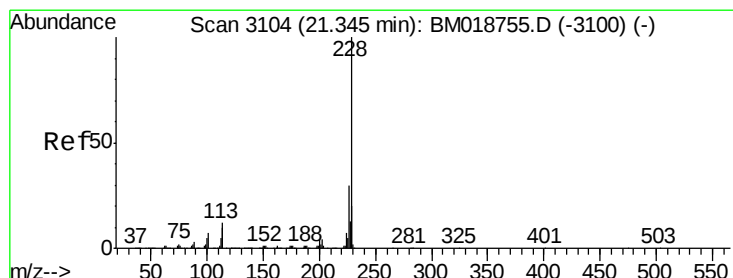
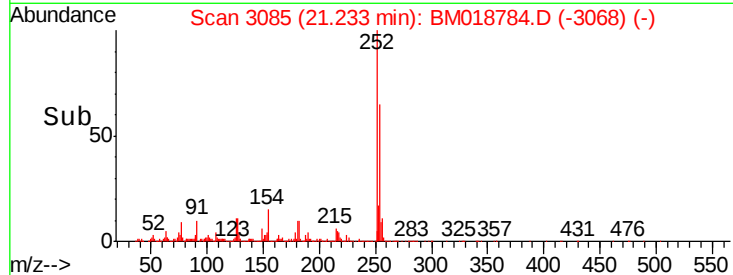
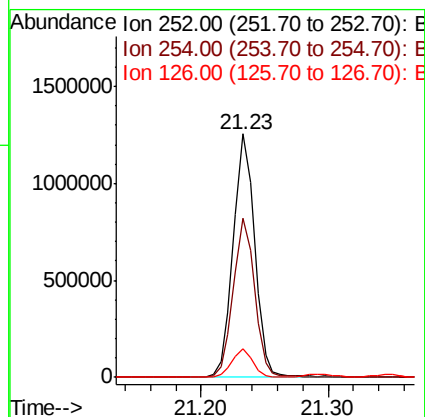
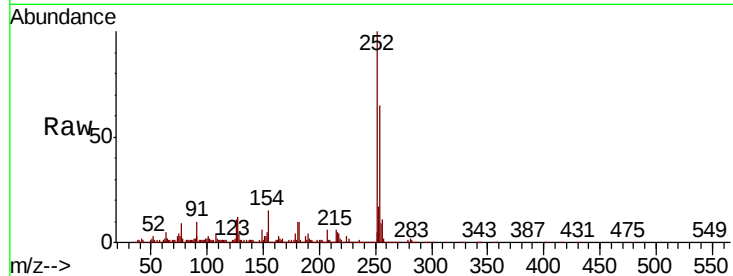




#82
 3,3'-Dichlorobenzidine
 Concen: 33.801 ng
 RT: 21.23 min Scan# 3085
 Delta R.T. -0.00 min
 Lab File: BM018784.D
 Acq: 12 Feb 2019 22:06

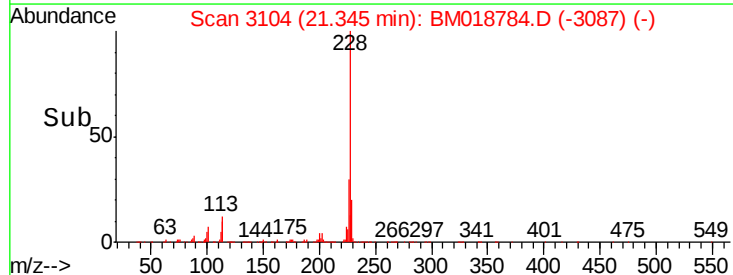
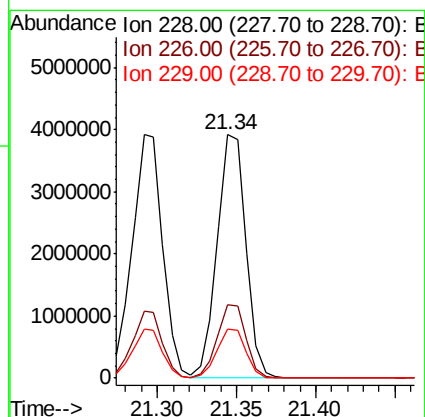
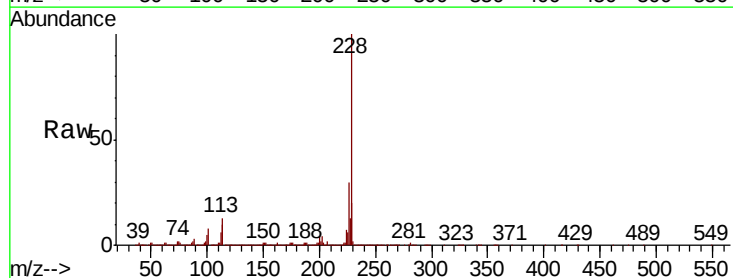
Instrument :
 BNA_M
 ClientSampleId :
 MW-2-20190208MS

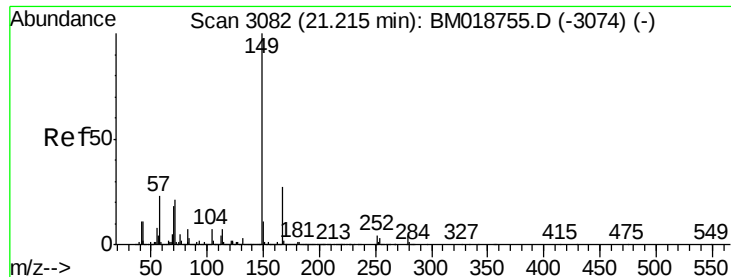
Tgt Ion:252 Resp: 1472826
 Ion Ratio Lower Upper
 252 100
 254 65.1 51.8 77.8
 126 11.5 9.1 13.7



#83
 Chrysene
 Concen: 46.595 ng
 RT: 21.34 min Scan# 3104
 Delta R.T. -0.00 min
 Lab File: BM018784.D
 Acq: 12 Feb 2019 22:06

Tgt Ion:228 Resp: 4923942
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.1 36.1
 229 20.3 16.0 24.0





#84

Bis(2-ethylhexyl)phthalate

Concen: 52.482 ng

RT: 21.22 min Scan# 3082

Delta R.T. -0.00 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

Instrument :

BNA_M

ClientSampleId :

MW-2-20190208MS

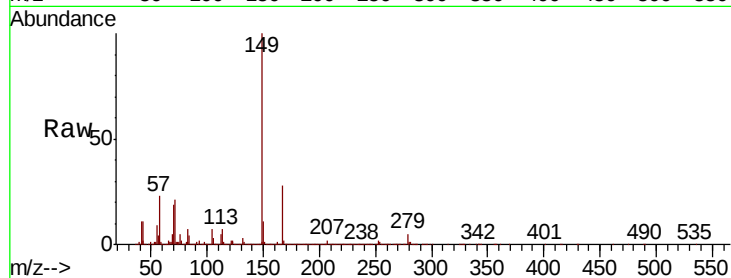
Tgt Ion:149 Resp: 3845558

Ion Ratio Lower Upper

149 100

167 27.6 21.8 32.6

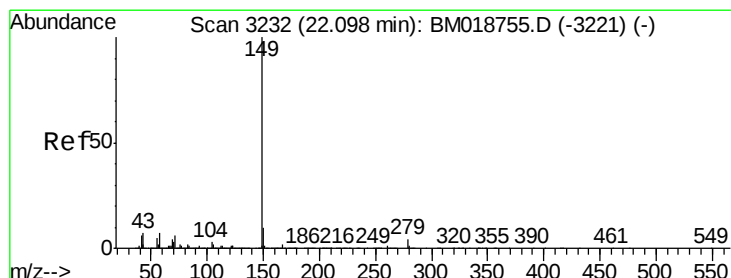
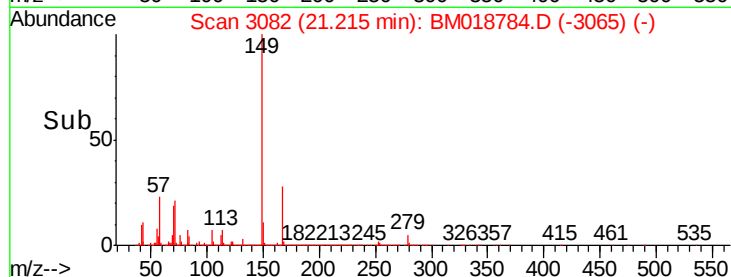
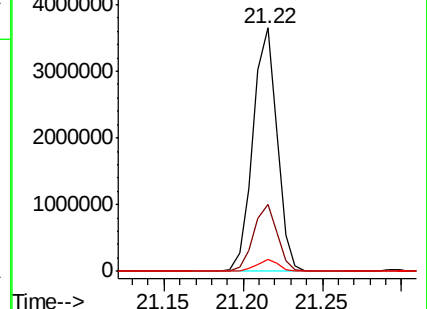
279 4.7 3.6 5.4



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: 51.401 ng

RT: 22.10 min Scan# 3232

Delta R.T. -0.00 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

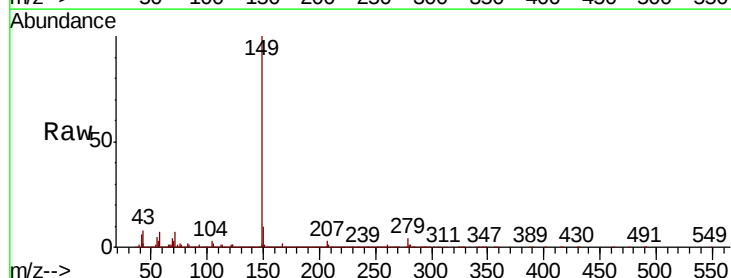
Tgt Ion:149 Resp: 6330082

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

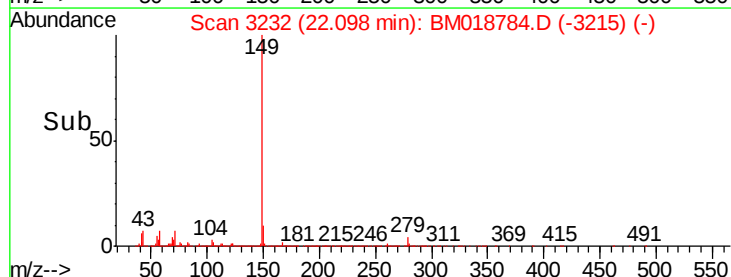
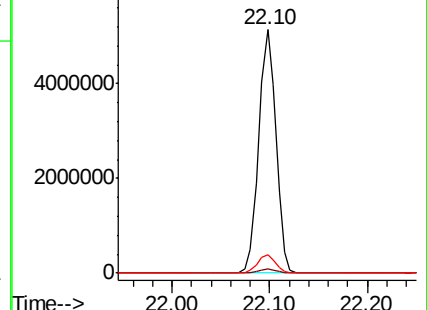
43 7.5 6.0 9.0

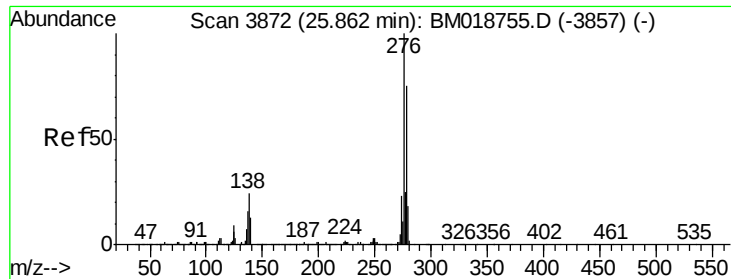


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM

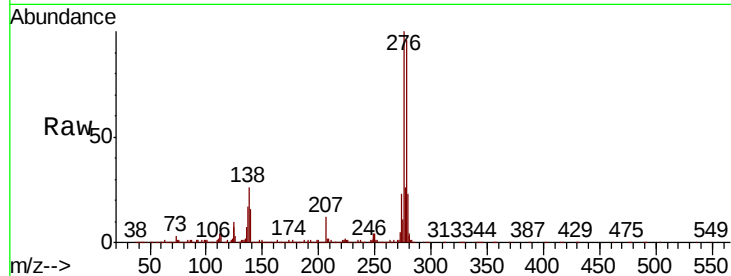




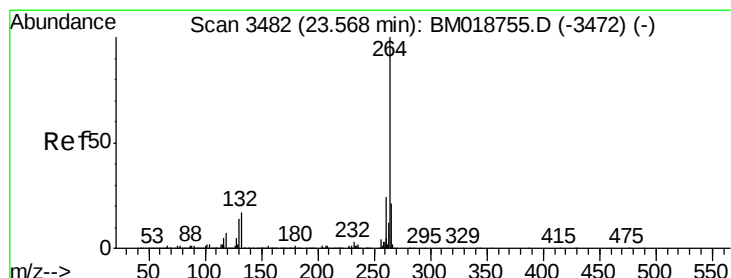
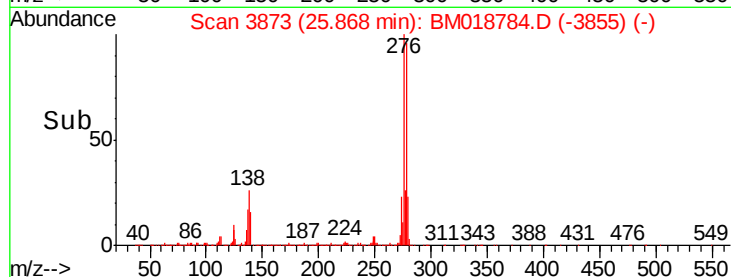
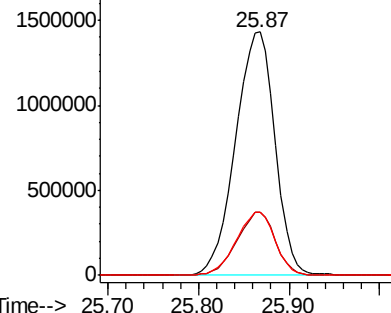
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 35.655 ng
 RT: 25.87 min Scan# 3873
 Delta R.T. 0.01 min
 Lab File: BM018784.D
 Acq: 12 Feb 2019 22:06

Instrument :
 BNA_M
 ClientSampleId :
 MW-2-20190208MS

Tgt Ion:276 Resp: 4350217
 Ion Ratio Lower Upper
 276 100
 138 25.2 20.2 30.4
 277 25.4 20.3 30.5

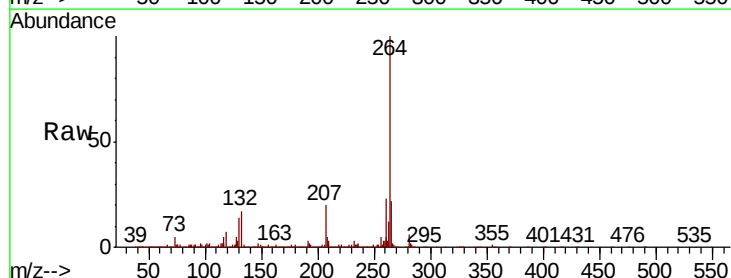


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

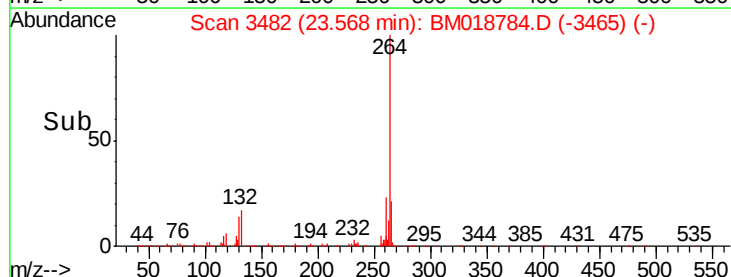
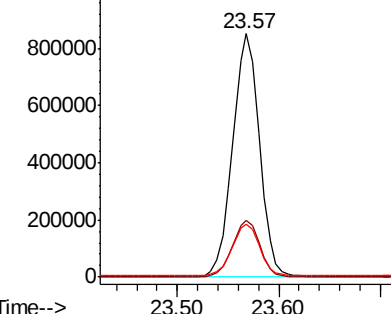


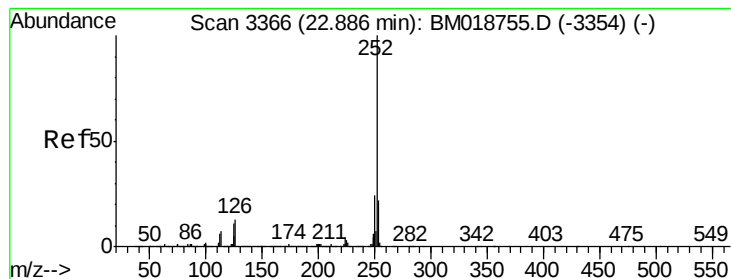
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.57 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: BM018784.D
 Acq: 12 Feb 2019 22:06

Tgt Ion:264 Resp: 1565524
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.9 28.3
 265 21.9 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 51.766 ng

RT: 22.89 min Scan# 3366

Delta R.T. -0.00 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

Instrument :

BNA_M

ClientSampleId :

MW-2-20190208MS

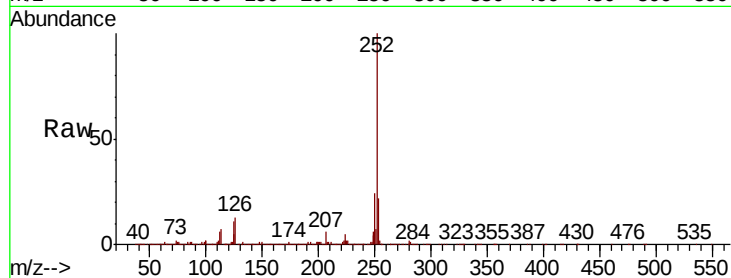
Tgt Ion:252 Resp: 4636631

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

125 10.6 8.6 12.8

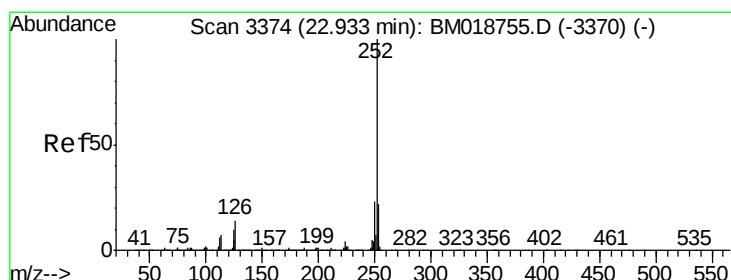
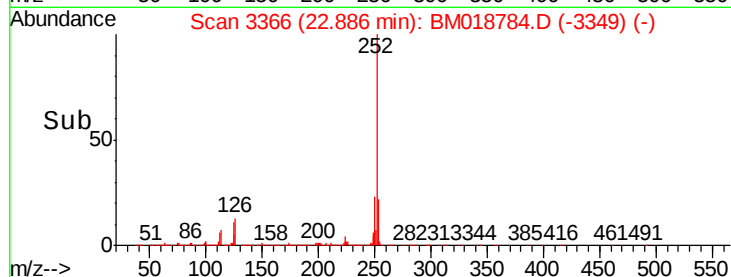
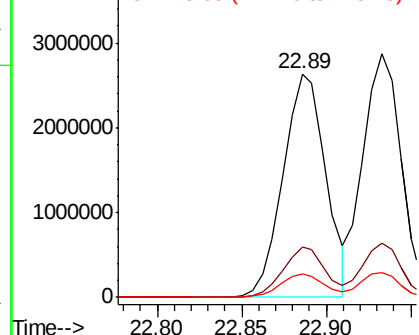


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 50.890 ng

RT: 22.93 min Scan# 3374

Delta R.T. -0.00 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

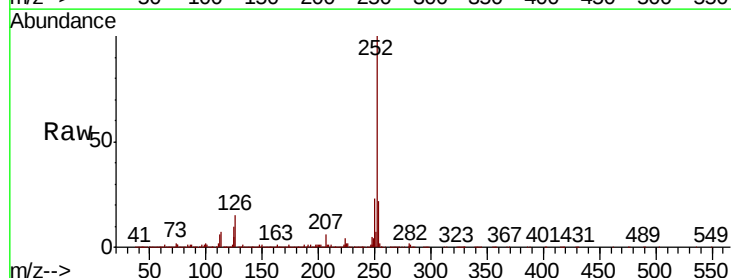
Tgt Ion:252 Resp: 4537998

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 10.4 8.2 12.4

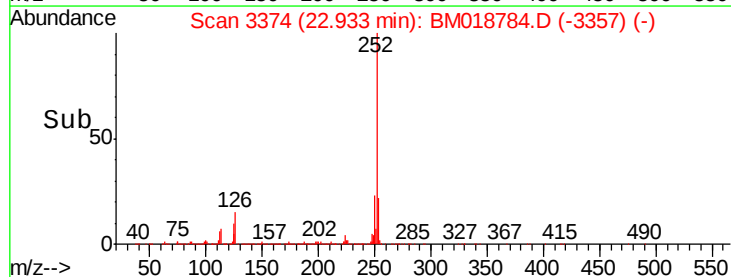
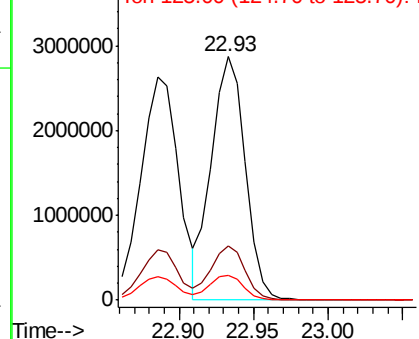


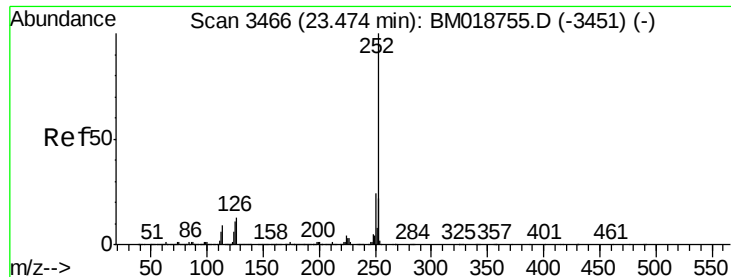
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 49.787 ng

RT: 23.47 min Scan# 3466

Delta R.T. -0.00 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

Instrument :

BNA_M

ClientSampleId :

MW-2-20190208MS

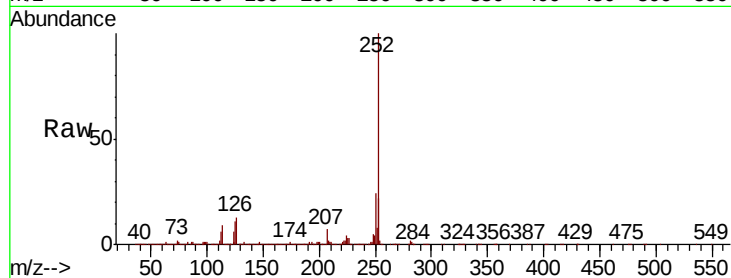
Tgt Ion:252 Resp: 4224501

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 11.0 8.6 13.0

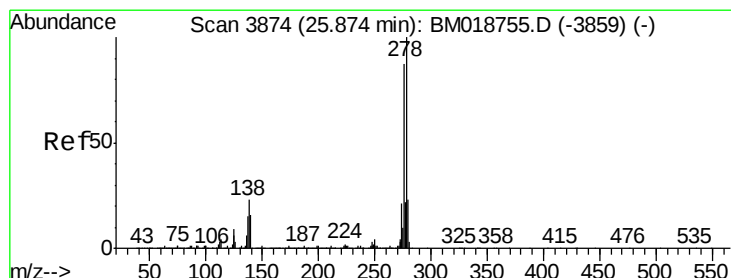
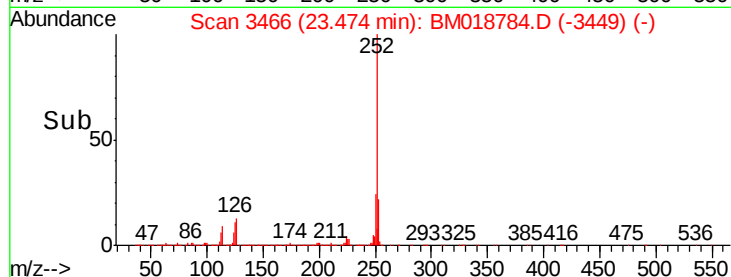
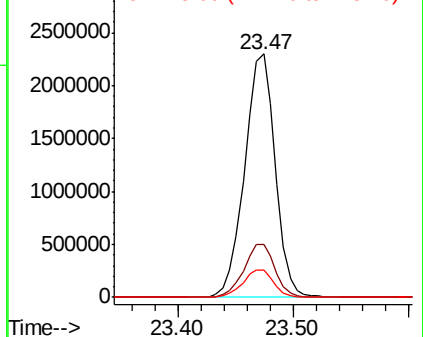


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 44.199 ng

RT: 25.87 min Scan# 3874

Delta R.T. -0.00 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

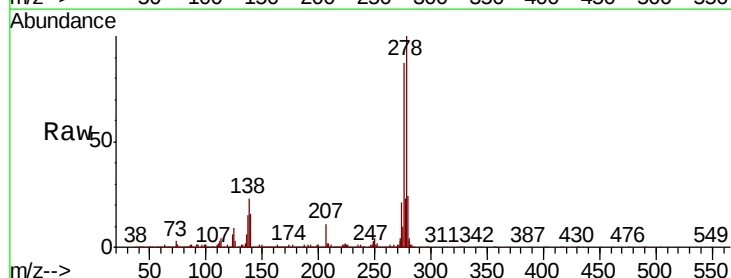
Tgt Ion:278 Resp: 3715644

Ion Ratio Lower Upper

278 100

139 15.7 12.6 18.8

279 24.0 18.6 28.0

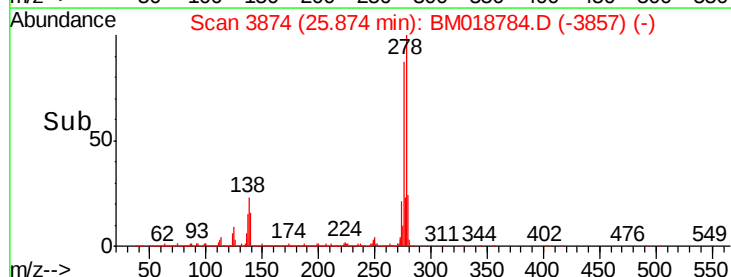
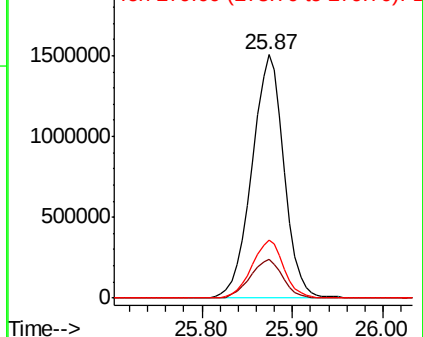


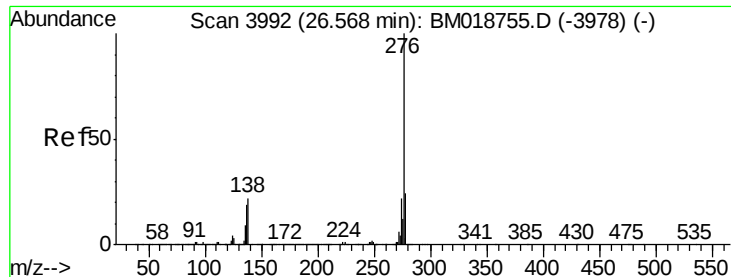
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(g,h,i)perylene

Concen: 43.898 ng

RT: 26.57 min Scan# 3992

Delta R.T. -0.00 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

Instrument :

BNA_M

ClientSampleId :

MW-2-20190208MS

Tgt Ion: 276 Resp: 3435592

Ion Ratio Lower Upper

276 100

277 23.9 19.2 28.8

138 21.7 17.3 25.9

