

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111618\
 Data File : BM017684.D
 Acq On : 16 Nov 2018 17:19
 Operator : MJ/SJ
 Sample : PB114860BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB114860BS

Quant Time: Nov 16 22:34:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 18:37:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	202114	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	913300	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	559987	20.00	ng	0.00
64) Phenanthrene-d10	17.01	188	1300263	20.00	ng	0.00
76) Chrysene-d12	21.22	240	1384794	20.00	ng	0.00
87) Perylene-d12	23.40	264	1177348	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	1286849	107.45	ng	0.00
7) Phenol-d6	6.80	99	1740525	104.06	ng	0.00
23) Nitrobenzene-d5	8.77	82	1642369	92.84	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	837457	104.08	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	4153916	96.23	ng	0.00
79) Terphenyl-d14	19.65	244	5671680	92.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	161438	32.367	ng	97
3) Pyridine	3.60	79	507843	34.711	ng	93
4) n-Nitrosodimethylamine	3.53	42	288205	44.719	ng	100
6) Aniline	6.96	93	424356	20.459	ng	98
8) 2-Chlorophenol	7.18	128	670825	46.804	ng	96
9) Benzaldehyde	6.77	77	323287	26.532	ng	99
10) Phenol	6.83	94	828899	47.213	ng	99
11) bis(2-Chloroethyl)ether	7.05	93	569210	41.070	ng	99
12) 1,3-Dichlorobenzene	7.50	146	648745	40.344	ng	98
13) 1,4-Dichlorobenzene	7.65	146	665276	40.363	ng	99
14) 1,2-Dichlorobenzene	7.96	146	648314	40.565	ng	99
15) Benzyl Alcohol	7.86	79	598485	44.930	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.13	45	770093	36.494	ng	97
17) 2-Methylphenol	8.06	107	562208	47.536	ng	99
18) Hexachloroethane	8.67	117	241323	41.542	ng	96
19) n-Nitroso-di-n-propylamine	8.42	70	508549	42.344	ng	98
20) 3+4-Methylphenols	8.39	107	772168	46.990	ng	99
22) Acetophenone	8.43	105	968689	42.497	ng	# 98
24) Nitrobenzene	8.81	77	757986	42.230	ng	100
25) Isophorone	9.33	82	1346117	49.265	ng	99
26) 2-Nitrophenol	9.51	139	359123	43.437	ng	98
27) 2,4-Dimethylphenol	9.57	122	633520	53.169	ng	100
28) bis(2-Chloroethoxy)methane	9.81	93	834385	45.087	ng	97
29) 2,4-Dichlorophenol	10.04	162	674857	48.791	ng	99
30) 1,2,4-Trichlorobenzene	10.25	180	671534	41.744	ng	96
31) Naphthalene	10.43	128	2041895	45.472	ng	99
32) Benzoic acid	9.75	122	417053	38.639	ng	99
33) 4-Chloroaniline	10.56	127	136213	6.927	ng	97
34) Hexachlorobutadiene	10.70	225	395422	39.594	ng	99
35) Caprolactam	11.36	113	114440	22.467	ng	95
36) 4-Chloro-3-methylphenol	11.69	107	758181	47.477	ng	100
37) 2-Methylnaphthalene	12.05	142	1560598	49.173	ng	98
38) 1-Methylnaphthalene	12.27	142	1490987	47.914	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.42	216	795330	40.277	ng	98

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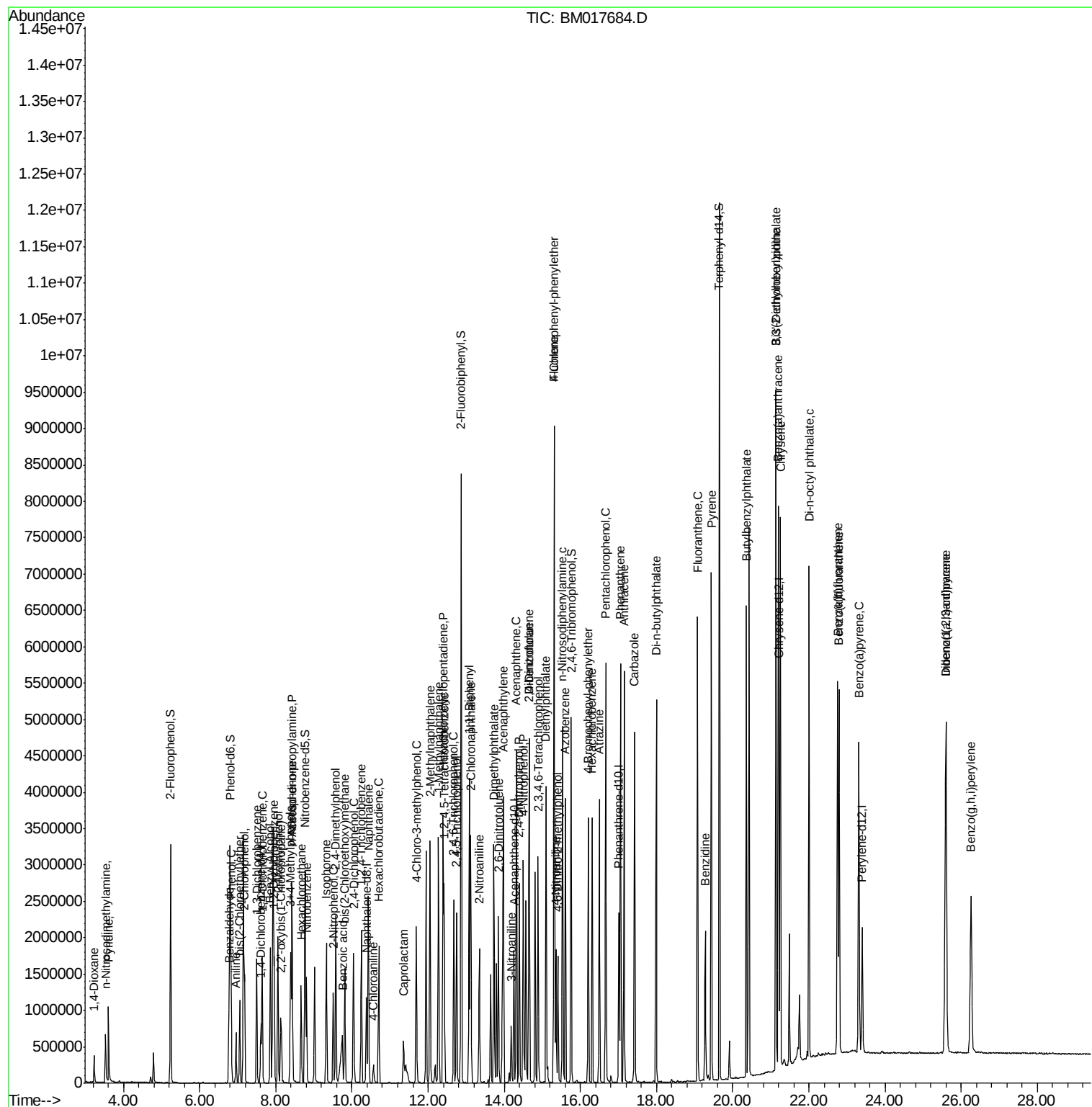
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	1007579	98.746	ng	100
43) 2,4,6-Trichlorophenol	12.67	196	575585	46.536	ng	99
44) 2,4,5-Trichlorophenol	12.75	196	615523	47.131	ng	98
46) 1,1'-Biphenyl	13.08	154	2042139	40.627	ng	100
47) 2-Chloronaphthalene	13.12	162	1594880	42.748	ng	99
48) 2-Nitroaniline	13.34	65	512371	44.407	ng	97
49) Acenaphthylene	13.97	152	2659389	47.443	ng	100
50) Dimethylphthalate	13.73	163	2066529	45.389	ng	99
51) 2,6-Dinitrotoluene	13.85	165	462663	45.636	ng	98
52) Acenaphthene	14.32	154	1539226	44.744	ng	100
53) 3-Nitroaniline	14.18	138	180430	16.346	ng	98
54) 2,4-Dinitrophenol	14.39	184	555620	88.898	ng	99
55) Dibenzofuran	14.66	168	2508194	44.615	ng	99
56) 4-Nitrophenol	14.50	139	799958	85.836	ng	99
57) 2,4-Dinitrotoluene	14.64	165	665608	48.705	ng	98
58) Fluorene	15.31	166	2090689	48.577	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.89	232	591499	49.242	ng	98
60) Diethylphthalate	15.10	149	2142835	43.559	ng	99
61) 4-Chlorophenyl-phenylether	15.31	204	1053035	43.065	ng	98
62) 4-Nitroaniline	15.36	138	443283	42.612	ng	99
63) Azobenzene	15.60	77	2075771	45.646	ng	98
65) 4,6-Dinitro-2-methylphenol	15.41	198	383328	42.556	ng	97
66) n-Nitrosodiphenylamine	15.53	169	1846803	44.177	ng	100
67) 4-Bromophenyl-phenylether	16.20	248	662326	43.069	ng	97
68) Hexachlorobenzene	16.31	284	736589	42.489	ng	100
69) Atrazine	16.50	200	681752	44.339	ng	98
70) Pentachlorophenol	16.66	266	945036	77.800	ng	99
71) Phenanthrene	17.05	178	3340642	47.348	ng	99
72) Anthracene	17.14	178	3403517	49.573	ng	99
73) Carbazole	17.42	167	3071224	44.269	ng	99
74) Di-n-butylphthalate	17.99	149	3714508	48.097	ng	99
75) Fluoranthene	19.08	202	3879345	48.595	ng	99
77) Benzidine	19.28	184	1258326	27.904	ng	99
78) Pyrene	19.44	202	3993736	46.741	ng	100
80) Butylbenzylphthalate	20.36	149	1683189	48.502	ng	98
81) Benzo(a)anthracene	21.20	228	3781799	47.403	ng	99
82) 3,3'-Dichlorobenzidine	21.14	252	694272	22.548	ng	99
83) Chrysene	21.25	228	3550396	45.819	ng	100
84) Bis(2-ethylhexyl)phthalate	21.14	149	2383495	46.459	ng	99
85) Di-n-octyl phthalate	22.00	149	4032259	49.084	ng	98
86) Indeno(1,2,3-cd)pyrene	25.59	276	3189698	51.512	ng	99
88) Benzo(b)fluoranthene	22.75	252	3485090	50.546	ng	99
89) Benzo(k)fluoranthene	22.80	252	3240033	46.492	ng	99
90) Benzo(a)pyrene	23.31	252	3133780	49.847	ng	99
91) Dibenzo(a,h)anthracene	25.60	278	2694226	50.976	ng	99
92) Benzo(g,h,i)perylene	26.26	276	2586853	52.048	ng	99

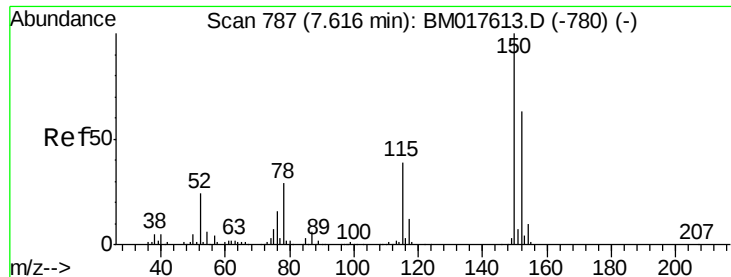
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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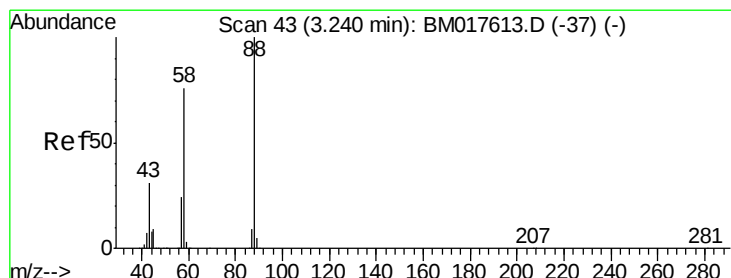
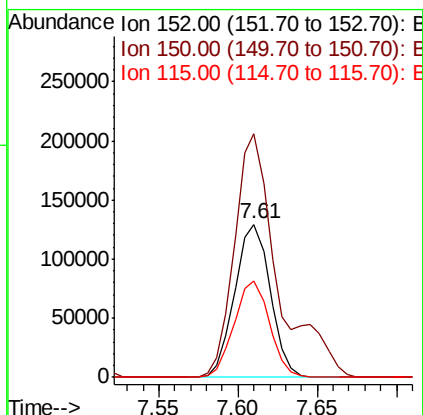
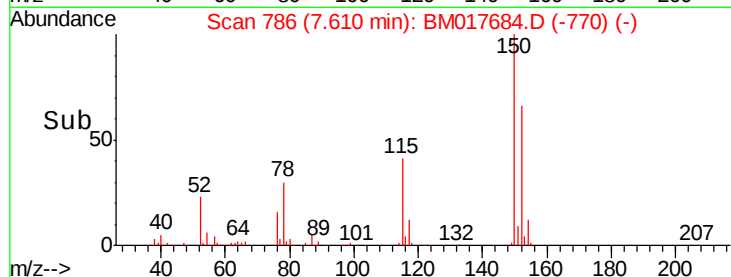
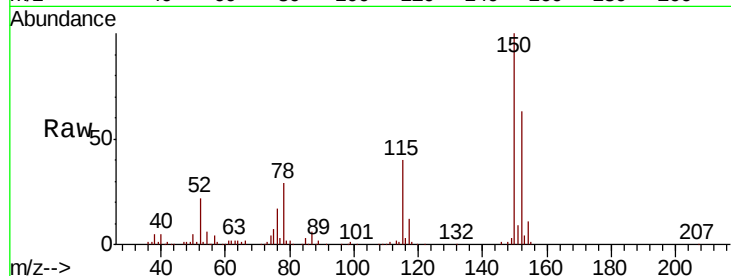


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.61 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

Instrument :
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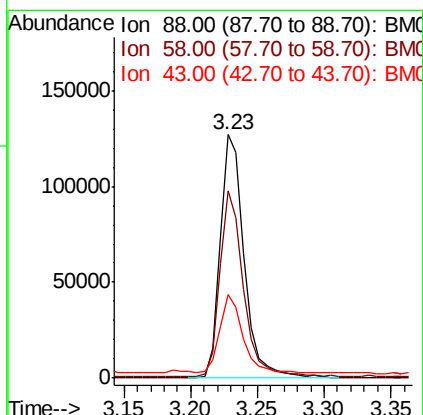
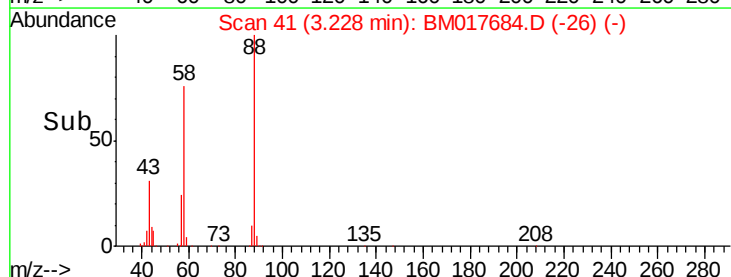
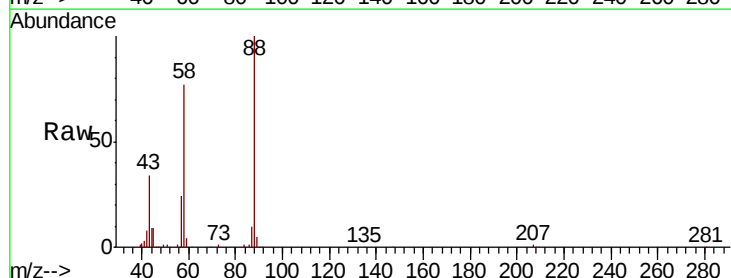
Tgt Ion:152 Resp: 202114
Ion Ratio Lower Upper
152 100
150 159.1 126.4 189.6
115 62.9 49.4 74.0

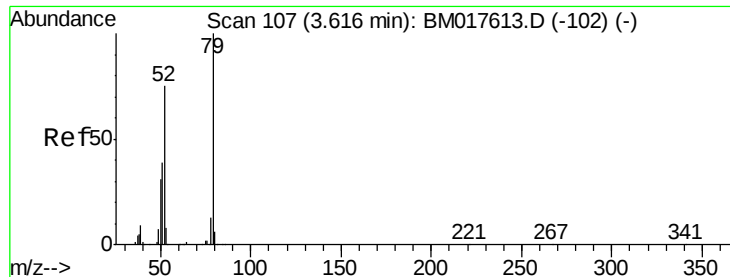


#2

1,4-Dioxane
Concen: 32.367 ng
RT: 3.23 min Scan# 41
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

Tgt Ion: 88 Resp: 161438
Ion Ratio Lower Upper
88 100
58 75.2 62.0 93.0
43 30.8 26.8 40.2





#3

Pyridine

Concen: 34.711 ng

RT: 3.60 min Scan# 105

Delta R.T. -0.01 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

Instrument :

BNA_M

ClientSampleId :

PB114860BS

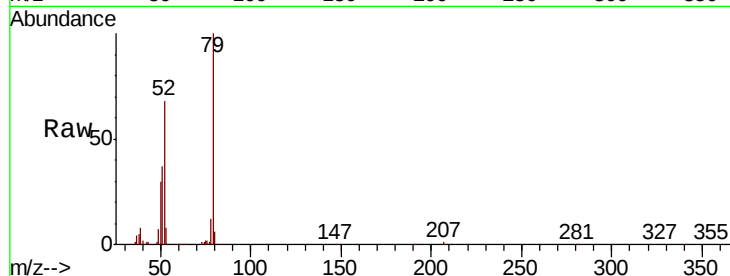
Tgt Ion: 79 Resp: 507843

Ion Ratio Lower Upper

79 100

52 68.2 60.1 90.1

51 36.6 31.1 46.7



Abundance Ion 79.00 (78.70 to 79.70): BM017613.D (-102) (-)

Ion 52.00 (51.70 to 52.70): BM017613.D (-102) (-)

Ion 51.00 (50.70 to 51.70): BM017613.D (-102) (-)

3.60

400000

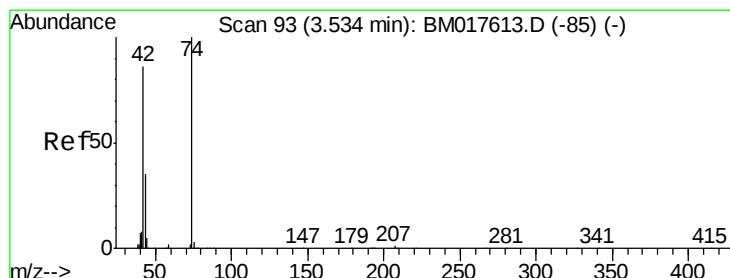
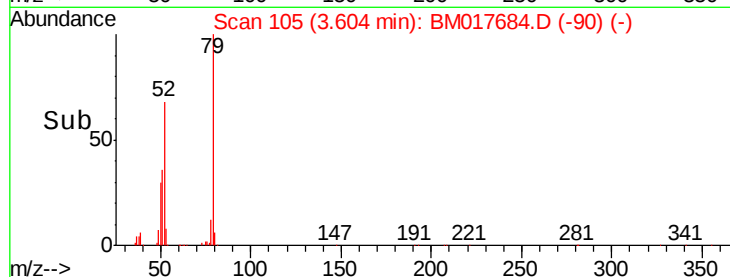
300000

200000

100000

0

Time--> 3.50 3.60 3.70 3.80



#4

n-Nitrosodimethylamine

Concen: 44.719 ng

RT: 3.53 min Scan# 92

Delta R.T. -0.01 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

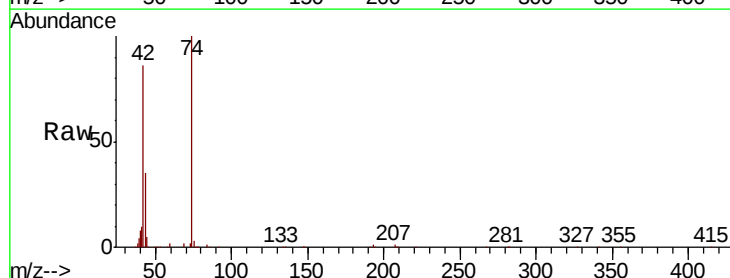
Tgt Ion: 42 Resp: 288205

Ion Ratio Lower Upper

42 100

74 116.6 93.1 139.7

44 5.7 5.0 7.6



Abundance Ion 42.00 (41.70 to 42.70): BM017613.D (-85) (-)

Ion 74.00 (73.70 to 74.70): BM017613.D (-85) (-)

Ion 44.00 (43.70 to 44.70): BM017613.D (-85) (-)

3.53

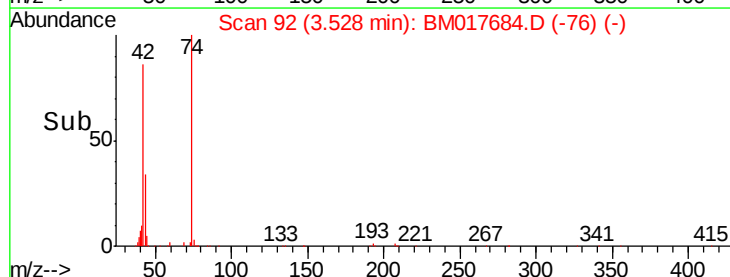
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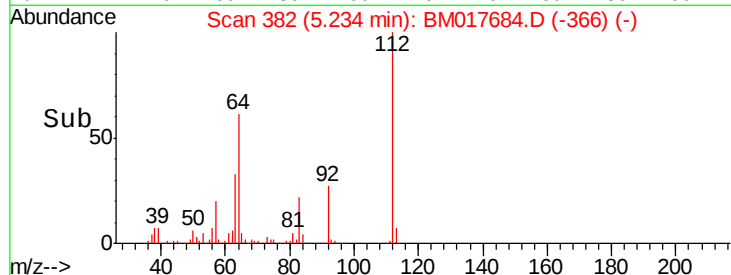
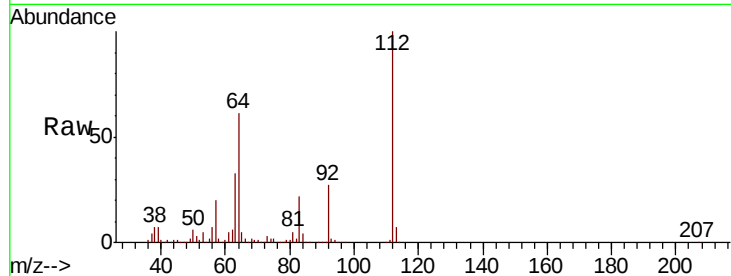
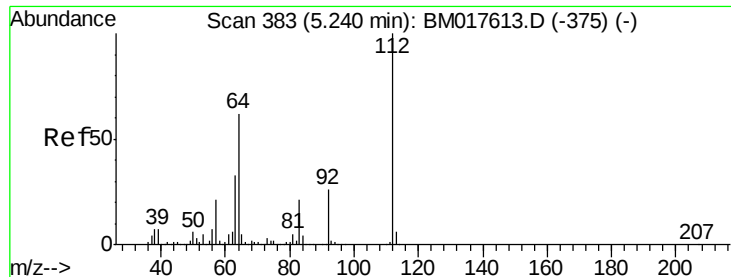
200000

100000

0

Time--> 3.40 3.50 3.60 3.70





#5

2-Fluorophenol

Concen: 107.452 ng

RT: 5.23 min Scan# 382

Delta R.T. -0.01 min

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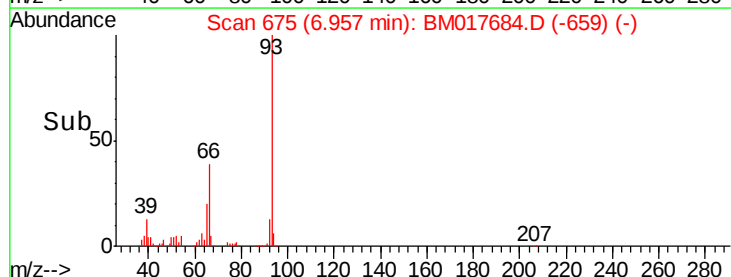
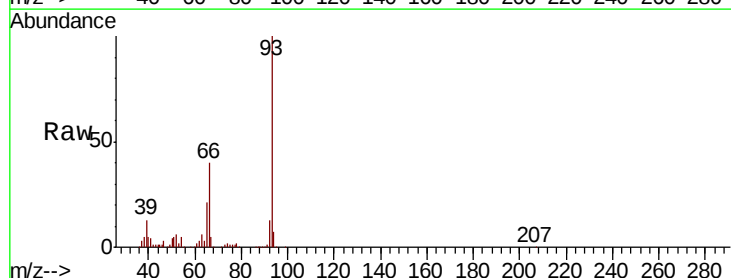
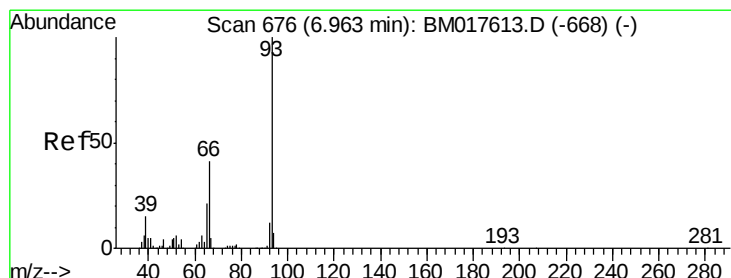
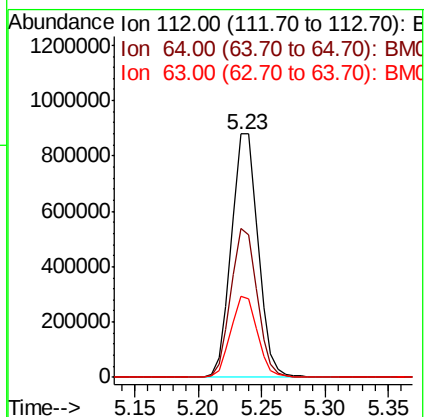
Tgt Ion: 112 Resp: 1286849

Ion Ratio Lower Upper

112 100

64 61.3 49.3 73.9

63 33.4 26.2 39.4



#6

Aniline

Concen: 20.459 ng

RT: 6.96 min Scan# 675

Delta R.T. -0.01 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

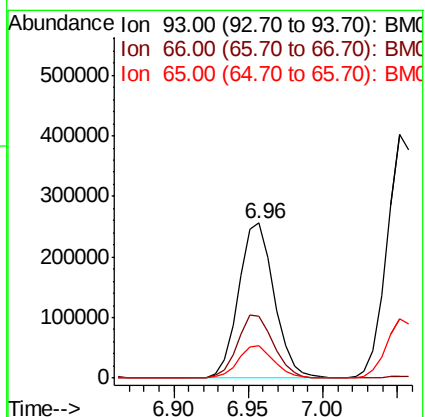
Tgt Ion: 93 Resp: 424356

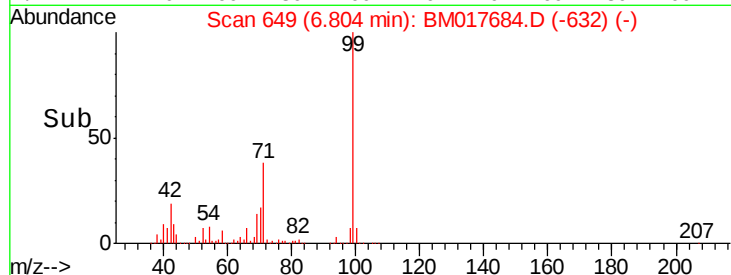
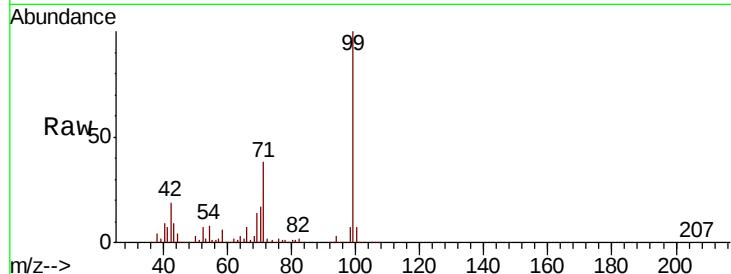
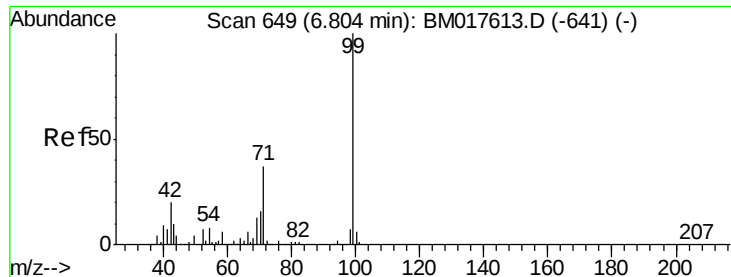
Ion Ratio Lower Upper

93 100

66 39.6 32.8 49.2

65 20.9 16.6 25.0





#7

Phenol-d6

Concen: 104.059 ng

RT: 6.80 min Scan# 649

Delta R.T. -0.00 min

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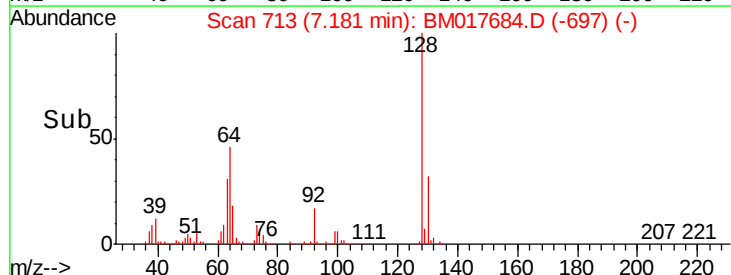
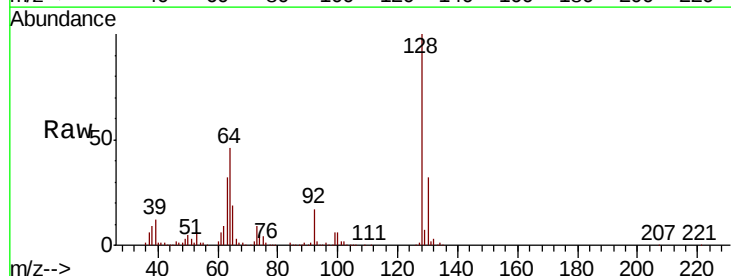
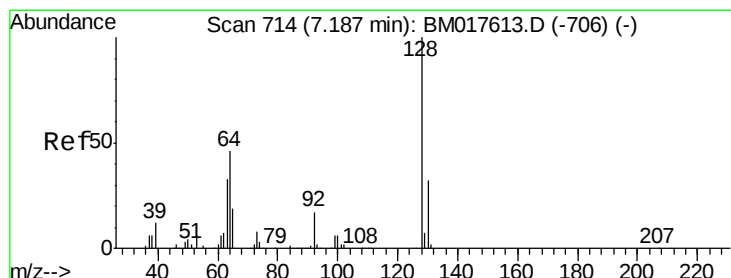
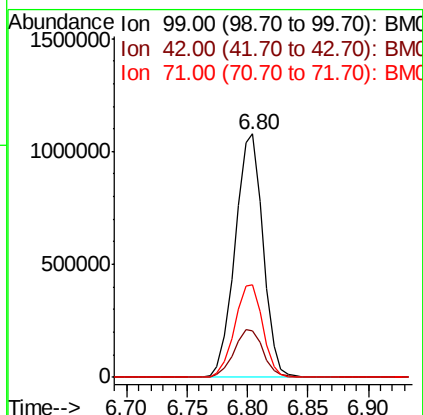
Tgt Ion: 99 Resp: 1740525

Ion Ratio Lower Upper

99 100

42 19.3 16.3 24.5

71 38.0 29.8 44.8



#8

2-Chlorophenol

Concen: 46.804 ng

RT: 7.18 min Scan# 713

Delta R.T. -0.01 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

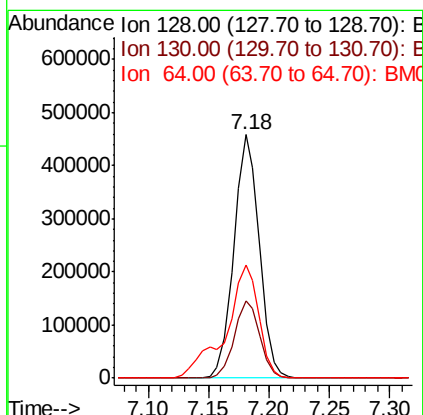
Tgt Ion: 128 Resp: 670825

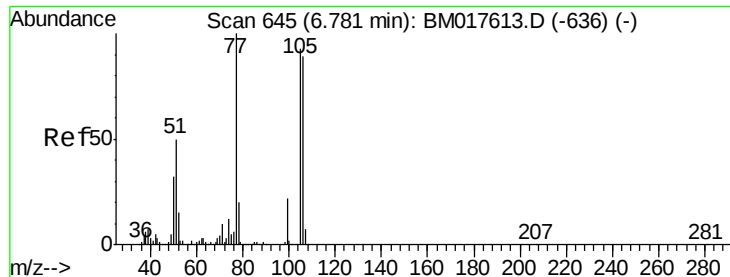
Ion Ratio Lower Upper

128 100

130 31.8 12.4 52.4

64 46.4 30.0 70.0





#9

Benzaldehyde

Concen: 26.532 ng

RT: 6.77 min Scan# 643

Delta R.T. -0.01 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

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ClientSampled :

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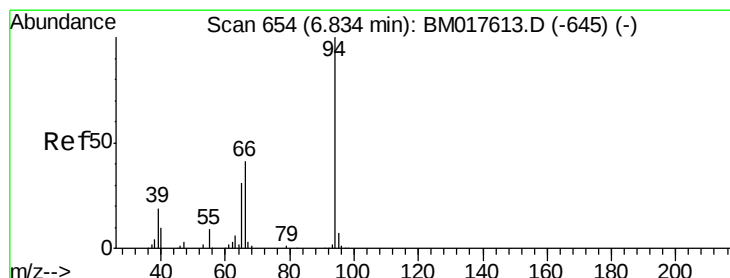
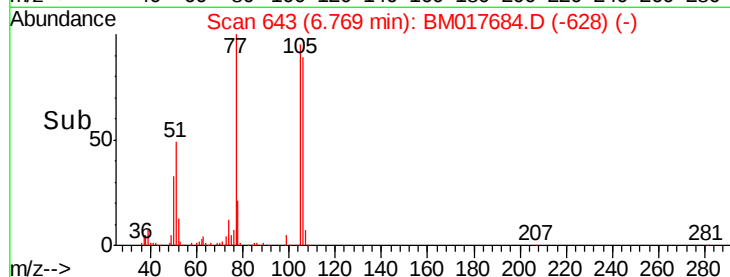
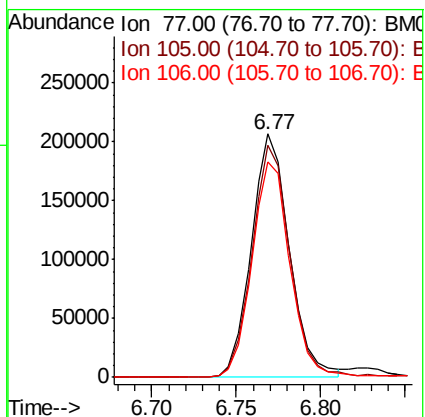
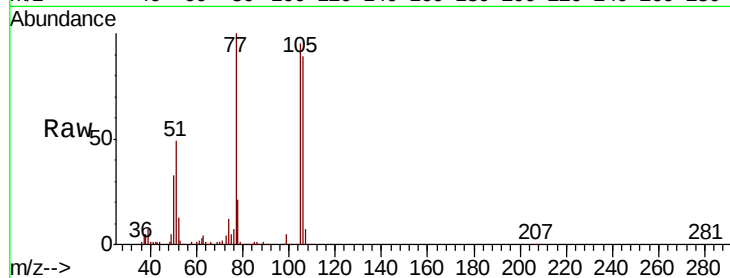
Tgt Ion: 77 Resp: 323287

Ion Ratio Lower Upper

77 100

105 95.2 72.7 112.7

106 88.7 68.9 108.9



#10

Phenol

Concen: 47.213 ng

RT: 6.83 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM017684.D

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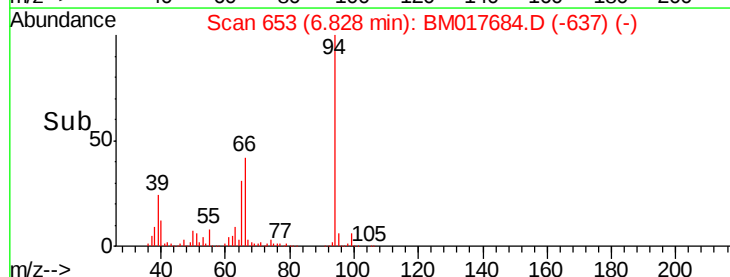
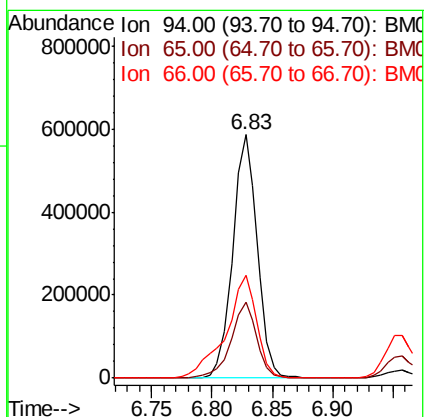
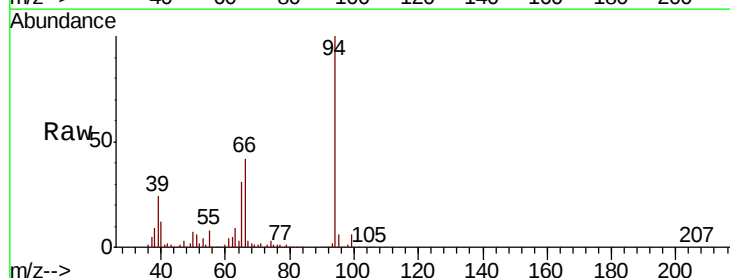
Tgt Ion: 94 Resp: 828899

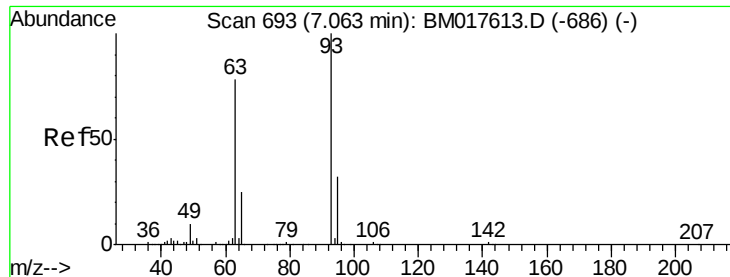
Ion Ratio Lower Upper

94 100

65 31.0 11.4 51.4

66 42.4 21.4 61.4

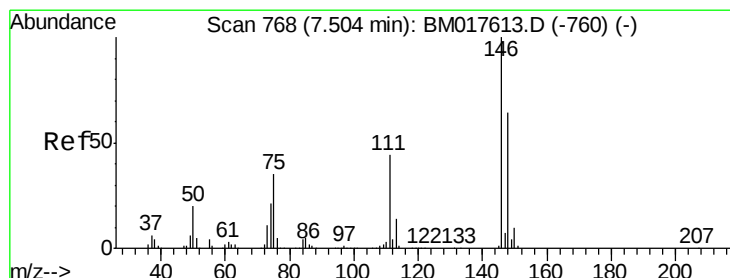
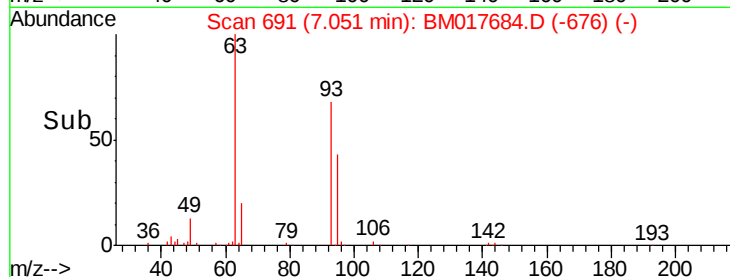
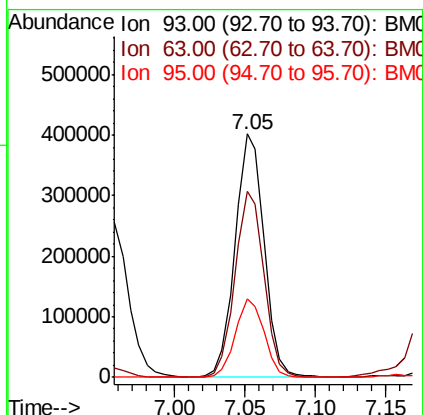
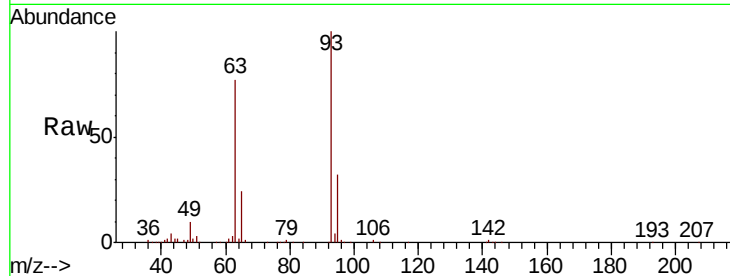




#11
bis(2-Chloroethyl)ether
Concen: 41.070 ng
RT: 7.05 min Scan# 691
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

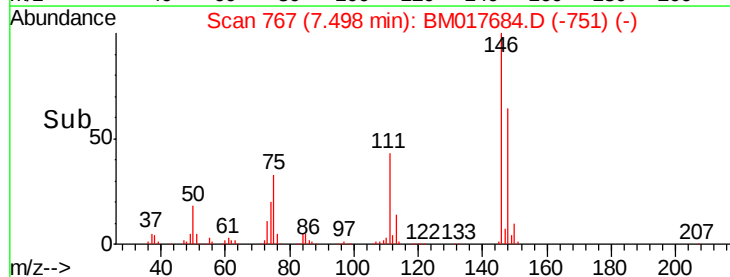
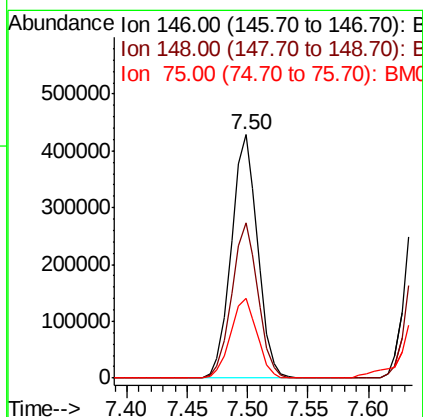
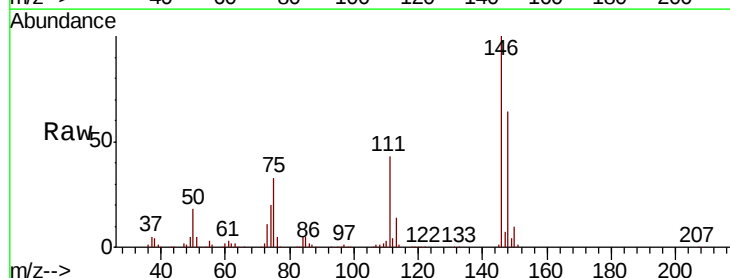
Instrument :
BNA_M
ClientSampleId :
PB114860BS

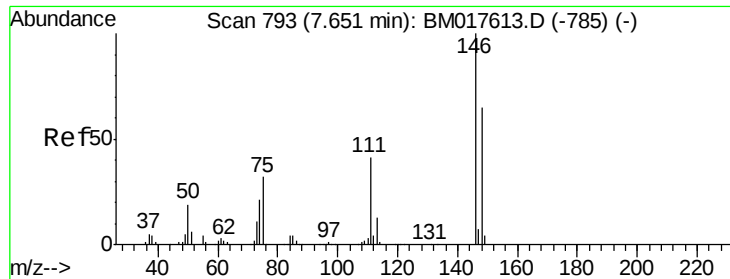
Tgt Ion: 93 Resp: 569210
Ion Ratio Lower Upper
93 100
63 76.6 57.9 97.9
95 32.0 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 40.344 ng
RT: 7.50 min Scan# 767
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

Tgt Ion: 146 Resp: 648745
Ion Ratio Lower Upper
146 100
148 64.0 51.2 76.8
75 32.5 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 40.363 ng

RT: 7.65 min Scan# 792

Delta R.T. -0.01 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

Instrument :

BNA_M

ClientSampleId :

PB114860BS

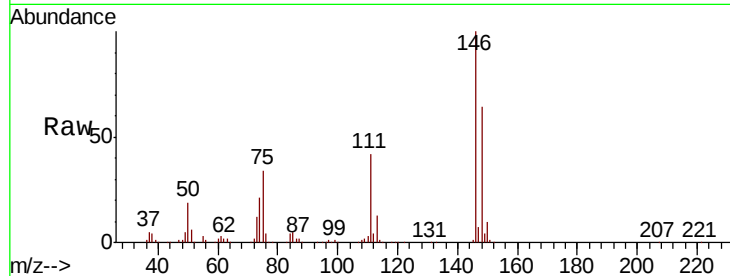
Tgt Ion:146 Resp: 665276

Ion Ratio Lower Upper

146 100

148 64.3 52.0 78.0

111 41.9 33.2 49.8

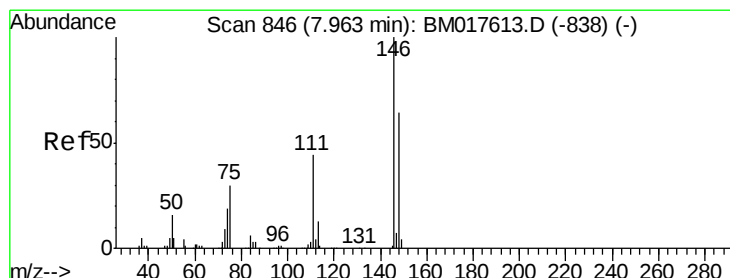
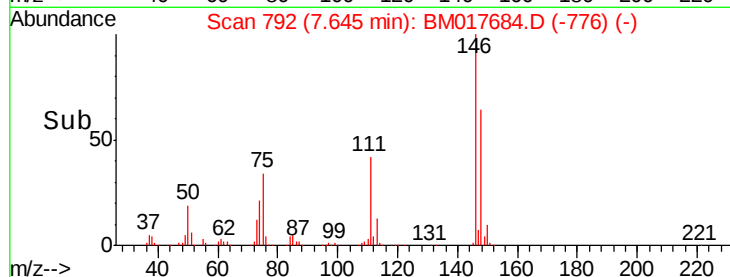
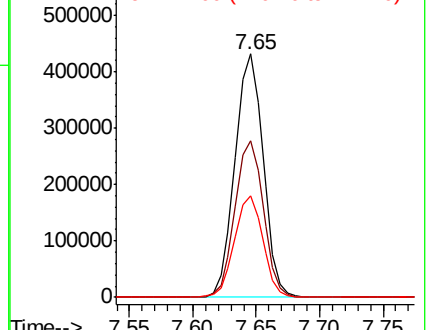


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.565 ng

RT: 7.96 min Scan# 845

Delta R.T. -0.01 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

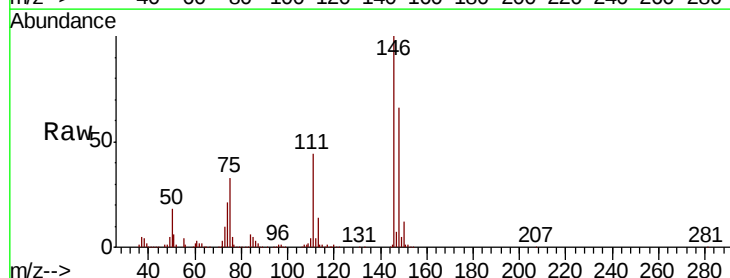
Tgt Ion:146 Resp: 648314

Ion Ratio Lower Upper

146 100

148 65.8 51.6 77.4

111 44.4 35.8 53.8

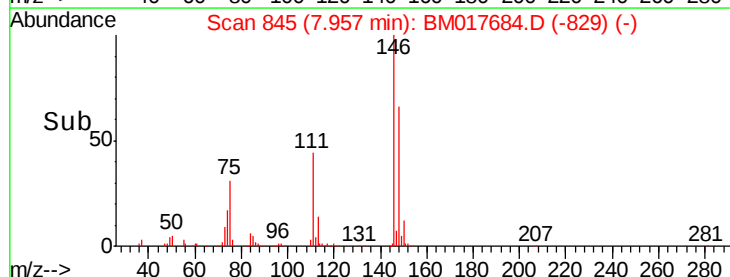
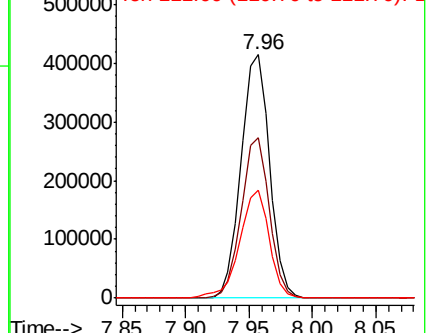


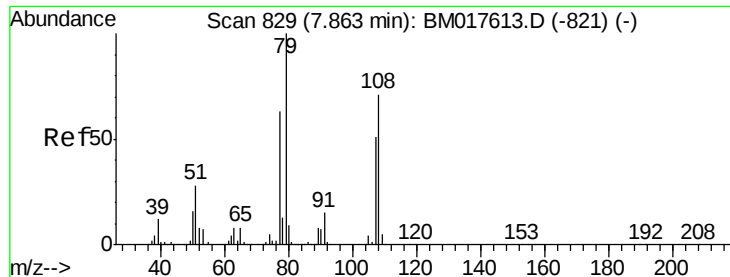
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.930 ng

RT: 7.86 min Scan# 828

Delta R.T. -0.01 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

Instrument :

BNA_M

ClientSampleId :

PB114860BS

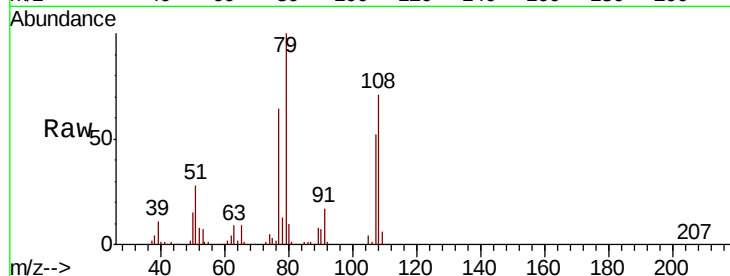
Tgt Ion: 79 Resp: 598485

Ion Ratio Lower Upper

79 100

108 70.5 57.1 85.7

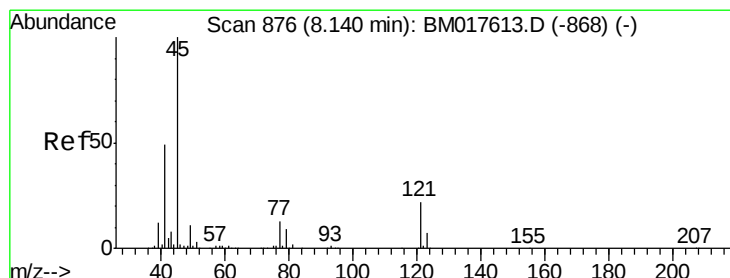
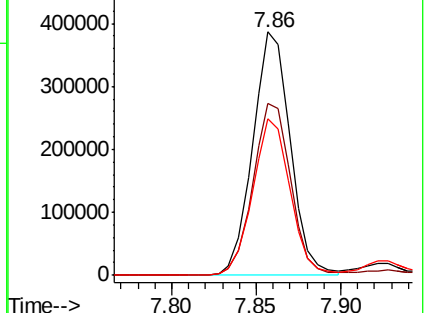
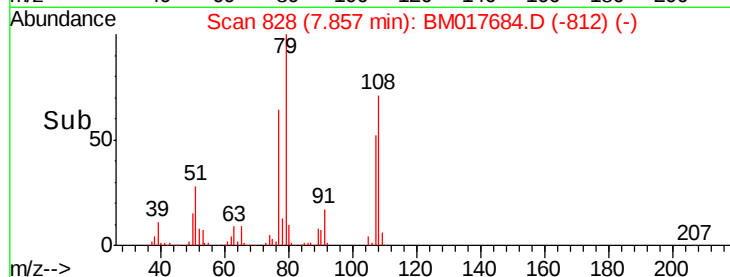
77 64.2 50.4 75.6



Abundance Ion 79.00 (78.70 to 79.70): BM017613.D (-821) (-)

Ion 108.00 (107.70 to 108.70): BM017613.D (-821) (-)

Ion 77.00 (76.70 to 77.70): BM017613.D (-821) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.494 ng

RT: 8.13 min Scan# 875

Delta R.T. -0.01 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

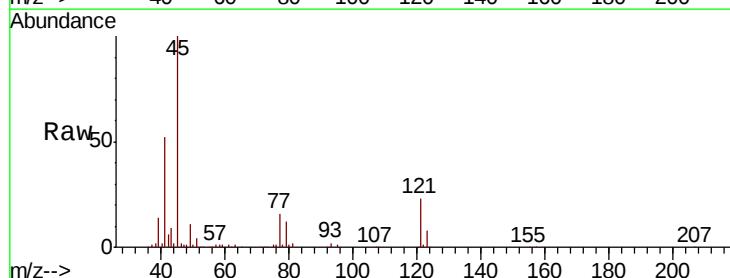
Tgt Ion: 45 Resp: 770093

Ion Ratio Lower Upper

45 100

77 15.6 0.0 34.2

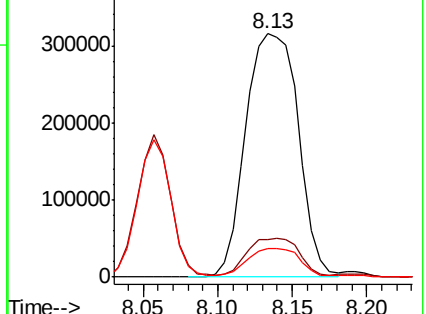
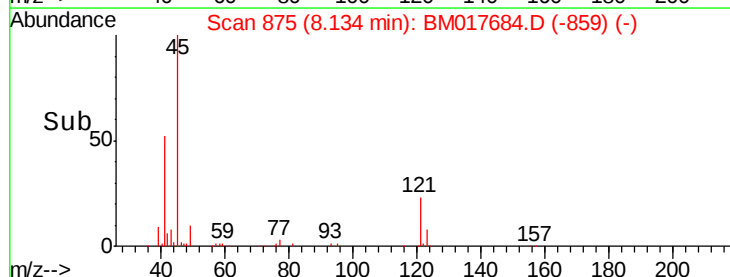
79 11.7 0.0 30.5

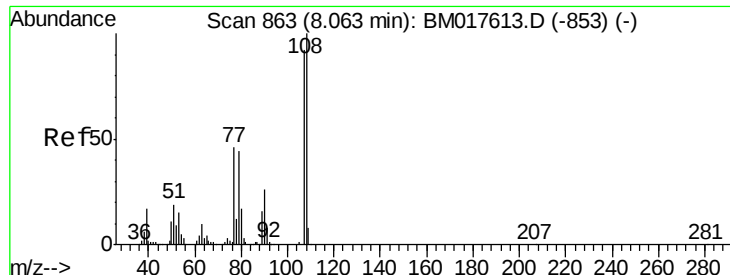


Abundance Ion 45.00 (44.70 to 45.70): BM017613.D (-868) (-)

Ion 77.00 (76.70 to 77.70): BM017613.D (-868) (-)

Ion 79.00 (78.70 to 79.70): BM017613.D (-868) (-)





#17

2-Methylphenol

Concen: 47.536 ng

RT: 8.06 min Scan# 862

Delta R.T. -0.01 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

Instrument :

BNA_M

ClientSampleId :

PB114860BS

Tgt Ion:107 Resp: 562208

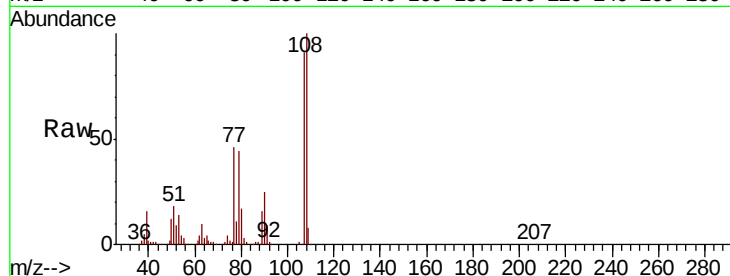
Ion Ratio Lower Upper

107 100

108 109.9 86.7 130.1

77 50.6 39.8 59.6

79 48.8 38.4 57.6

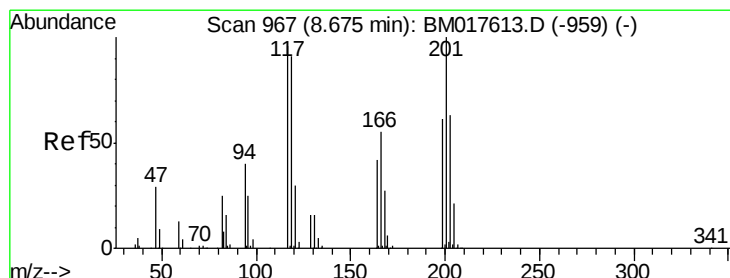
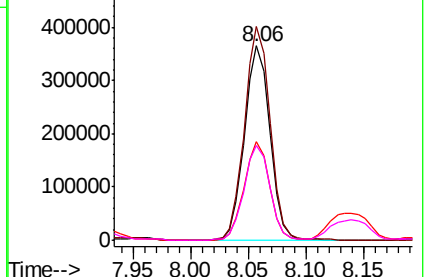
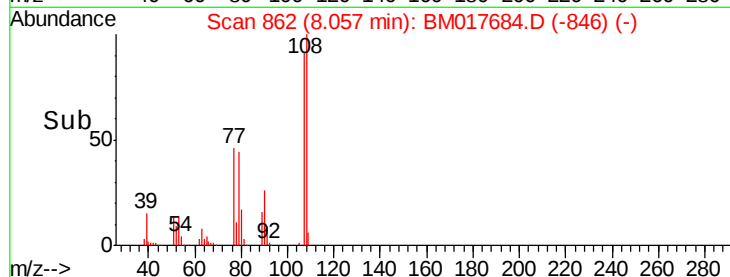


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.542 ng

RT: 8.67 min Scan# 966

Delta R.T. -0.01 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

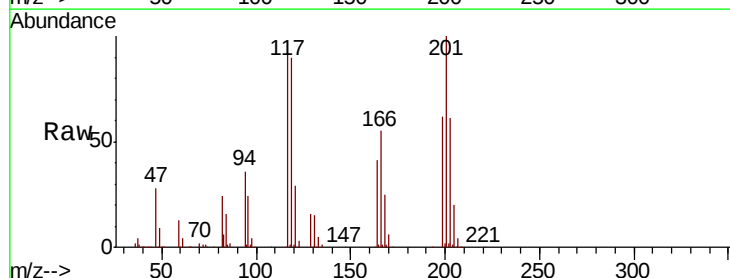
Tgt Ion:117 Resp: 241323

Ion Ratio Lower Upper

117 100

119 97.7 75.8 113.8

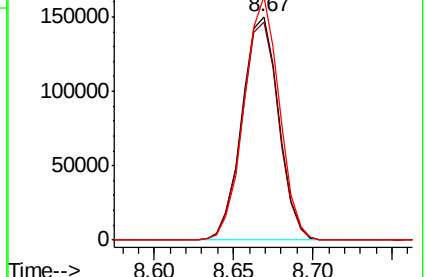
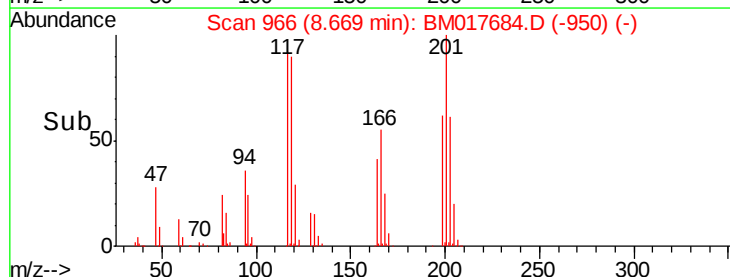
201 108.9 83.0 124.4

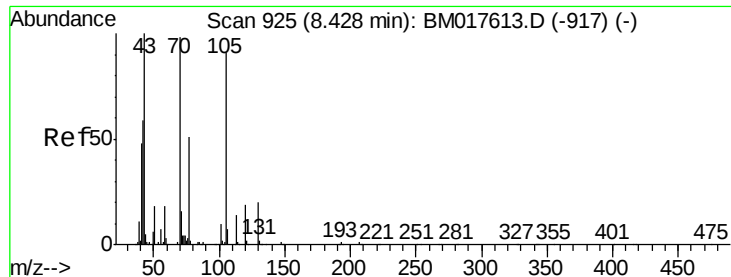


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

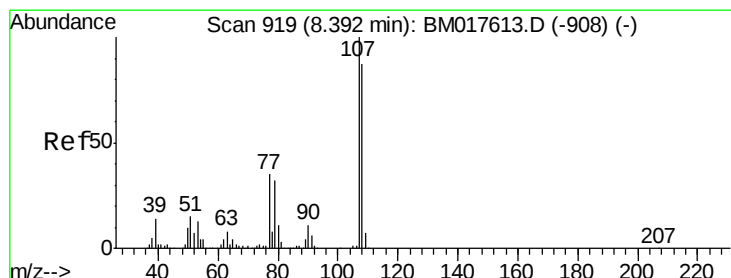
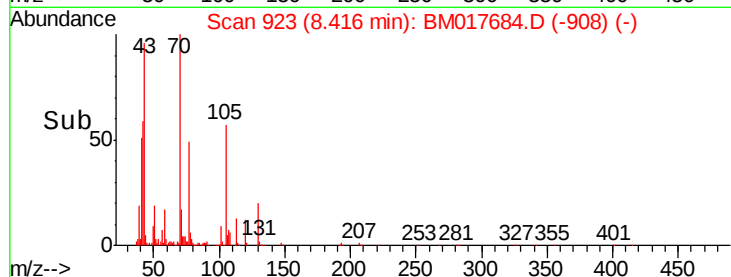
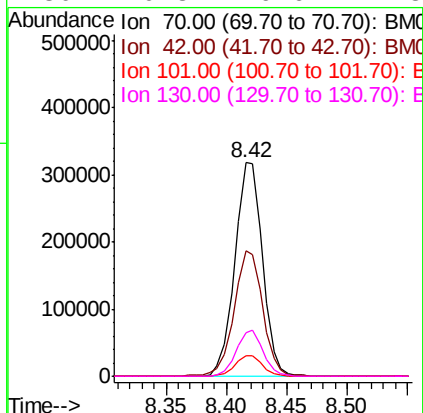
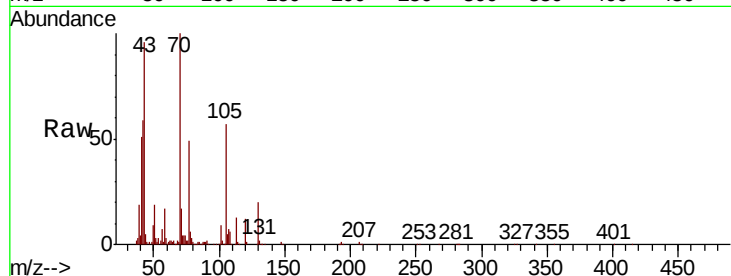




#19
n-Nitroso-di-n-propylamine
Concen: 42.344 ng
RT: 8.42 min Scan# 923
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

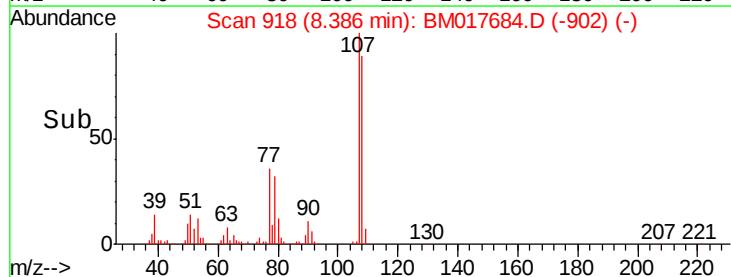
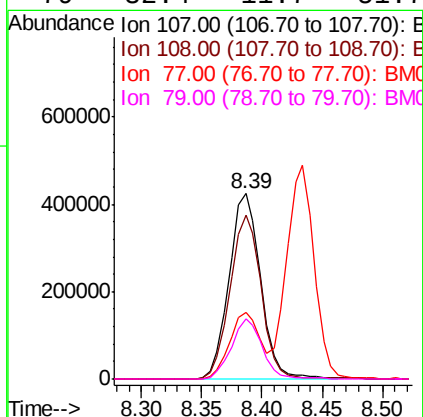
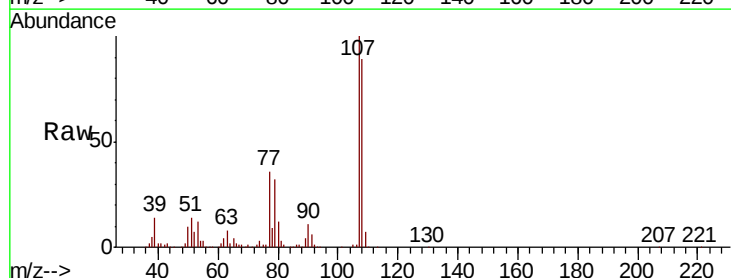
Instrument :
BNA_M
ClientSampleId :
PB114860BS

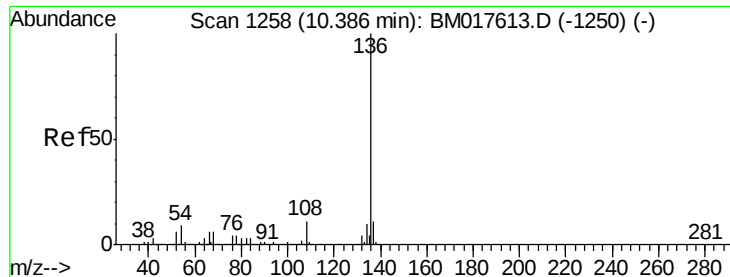
Tgt Ion:	70	Resp:	508549
Ion	Ratio	Lower	Upper
70	100		
42	58.9	48.6	73.0
101	9.3	7.9	11.9
130	20.3	16.6	24.8



#20
3+4-Methylphenols
Concen: 46.990 ng
RT: 8.39 min Scan# 918
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

Tgt Ion:	107	Resp:	772168
Ion	Ratio	Lower	Upper
107	100		
108	88.5	67.0	107.0
77	36.2	15.6	55.6
79	32.4	11.7	51.7

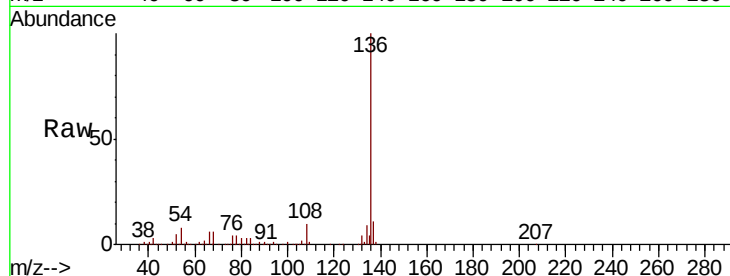




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.38 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

Instrument :
BNA_M
ClientSampleId :
PB114860BS

Tgt Ion:	136	Resp:	913300
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	8.1	7.0	10.6
68	5.6	4.9	7.3



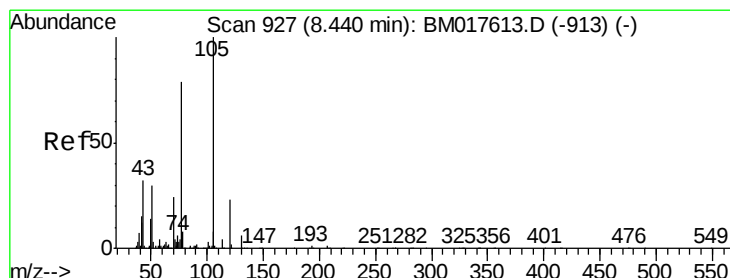
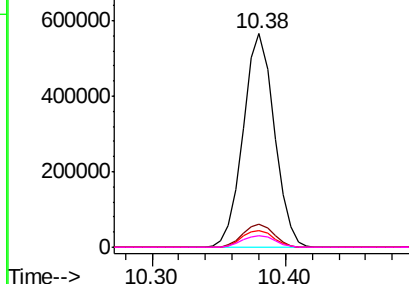
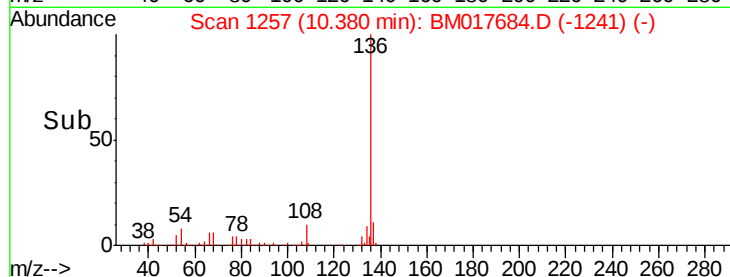
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

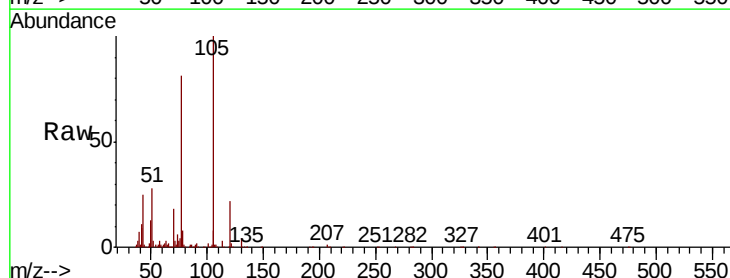
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 42.497 ng
RT: 8.43 min Scan# 926
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

Tgt Ion:	105	Resp:	968689
Ion	Ratio	Lower	Upper
105	100		
71	2.8	3.1	4.7#
51	28.3	23.8	35.8
120	22.0	18.0	27.0



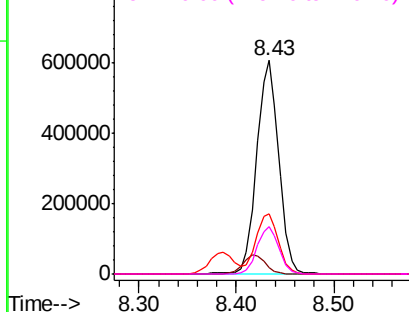
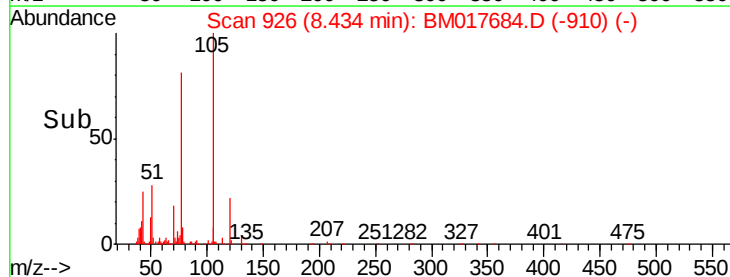
Abundance

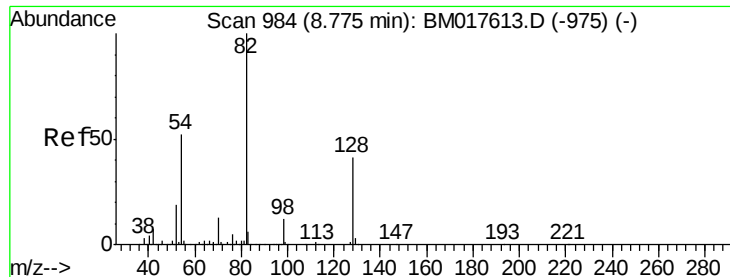
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

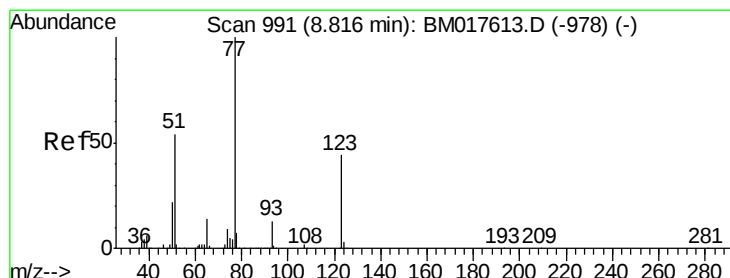
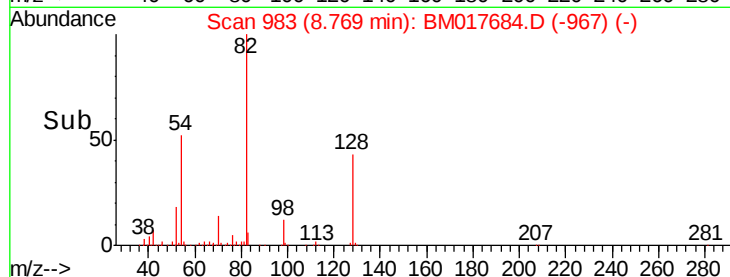
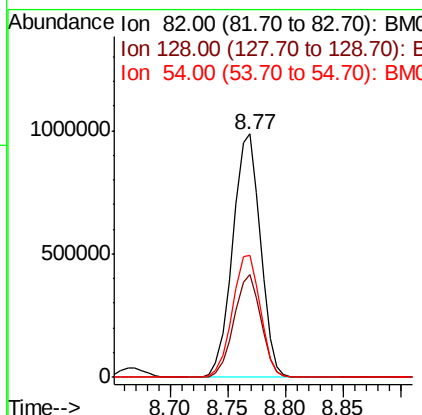
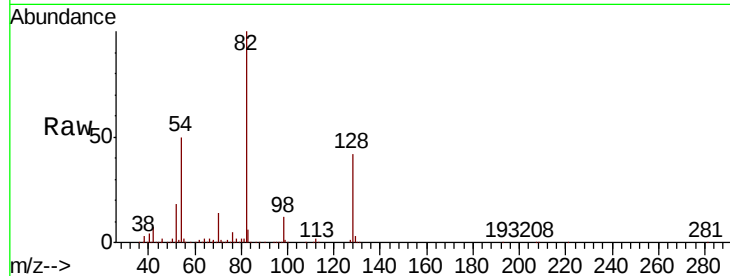




#23
 Nitrobenzene-d5
 Concen: 92.837 ng
 RT: 8.77 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: BM017684.D
 Acq: 16 Nov 2018 17:19

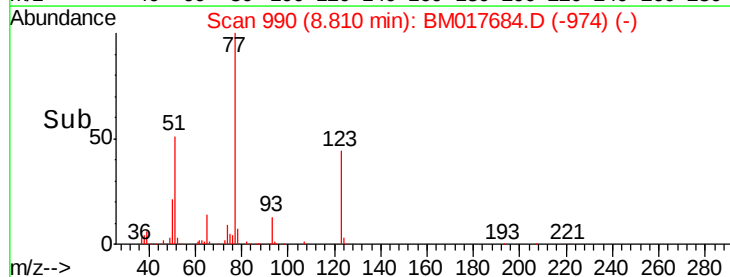
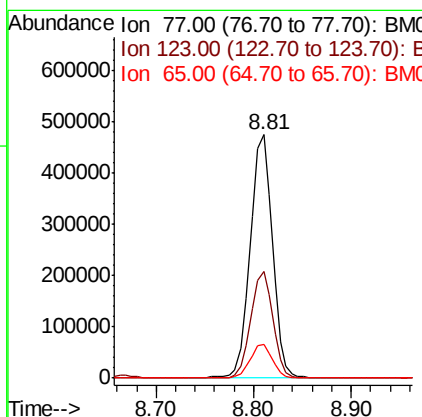
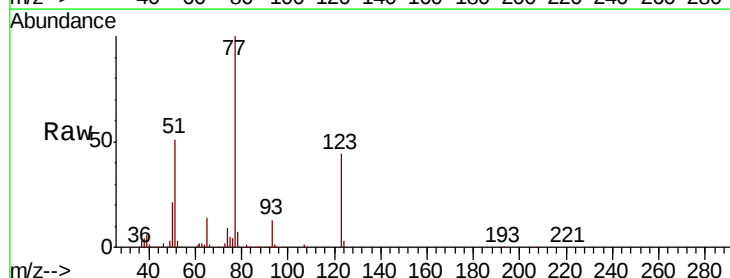
Instrument :
 BNA_M
 ClientSampleId :
 PB114860BS

Tgt Ion: 82 Resp: 1642369
 Ion Ratio Lower Upper
 82 100
 128 42.1 33.0 49.4
 54 50.4 41.4 62.2



#24
 Nitrobenzene
 Concen: 42.230 ng
 RT: 8.81 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BM017684.D
 Acq: 16 Nov 2018 17:19

Tgt Ion: 77 Resp: 757986
 Ion Ratio Lower Upper
 77 100
 123 43.9 35.1 52.7
 65 13.7 11.0 16.6





#25

Isophorone

Concen: 49.265 ng

RT: 9.33 min Scan# 1078

Delta R.T. -0.01 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

Instrument :

BNA_M

ClientSampleId :

PB114860BS

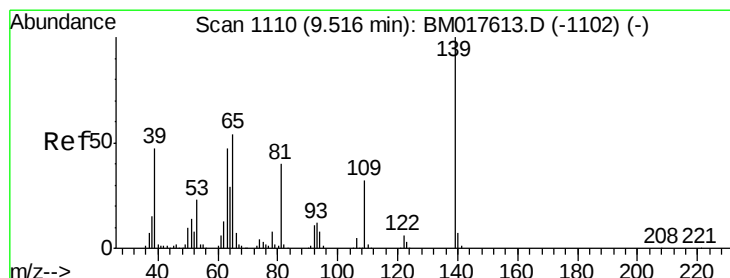
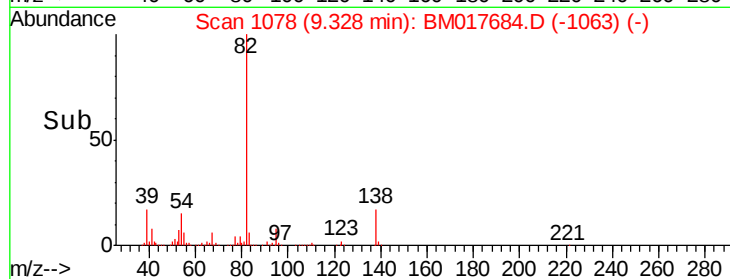
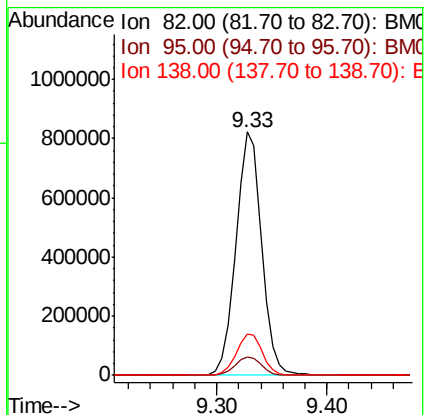
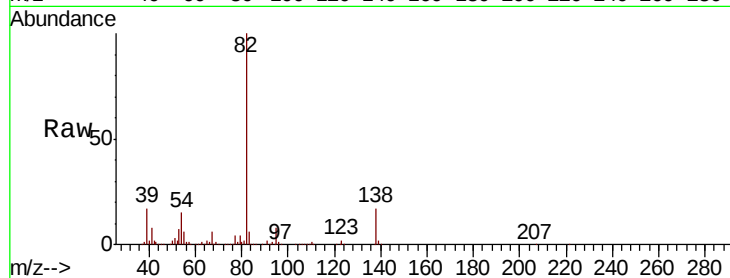
Tgt Ion: 82 Resp: 1346117

Ion Ratio Lower Upper

82 100

95 7.8 6.1 9.1

138 17.0 13.9 20.9



#26

2-Nitrophenol

Concen: 43.437 ng

RT: 9.51 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

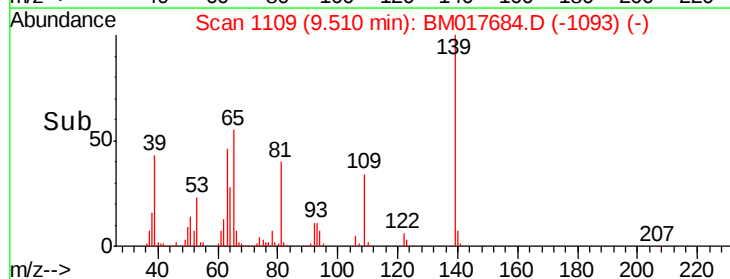
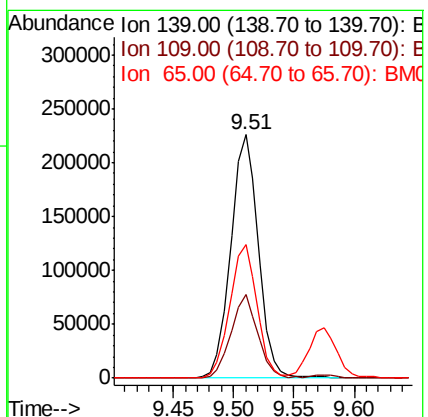
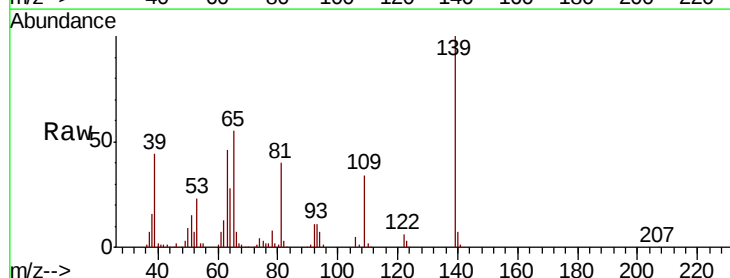
Tgt Ion: 139 Resp: 359123

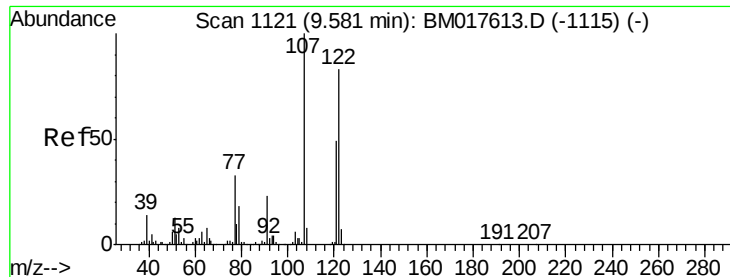
Ion Ratio Lower Upper

139 100

109 34.4 25.9 38.9

65 54.6 43.0 64.4

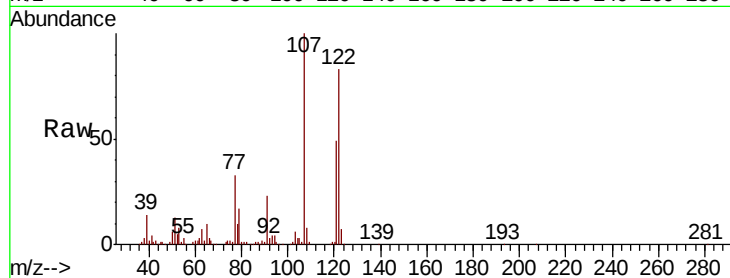




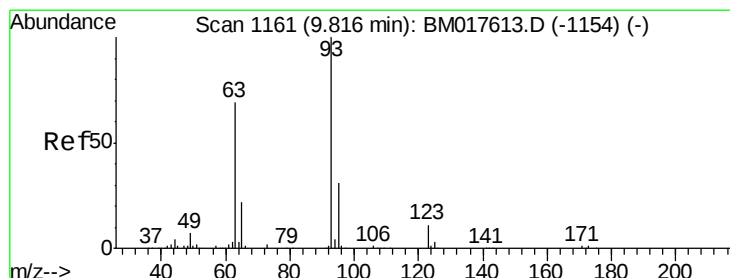
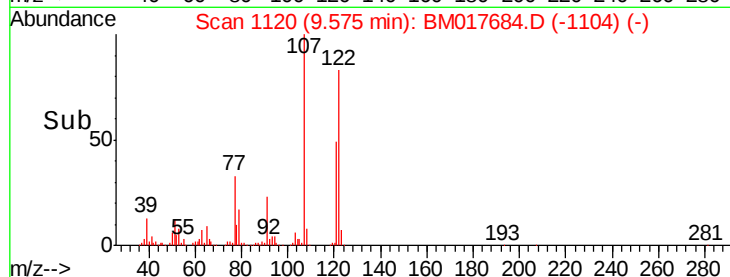
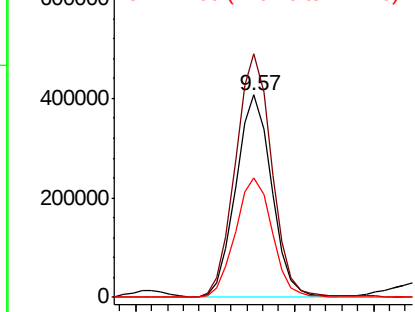
#27
 2,4-Dimethylphenol
 Concen: 53.169 ng
 RT: 9.57 min Scan# 1120
 Delta R.T. -0.01 min
 Lab File: BM017684.D
 Acq: 16 Nov 2018 17:19

Instrument :
 BNA_M
 ClientSampleId :
 PB114860BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	120.4	95.8	143.8
121	59.2	47.2	70.8

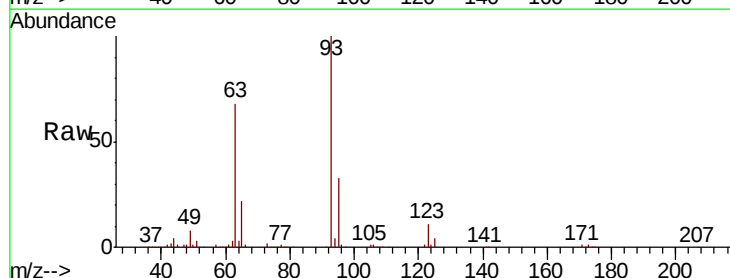


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

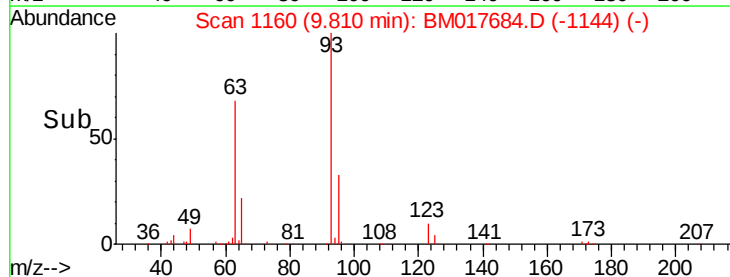
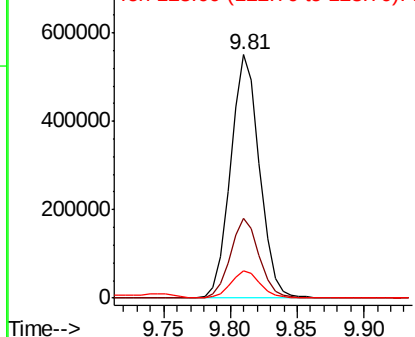


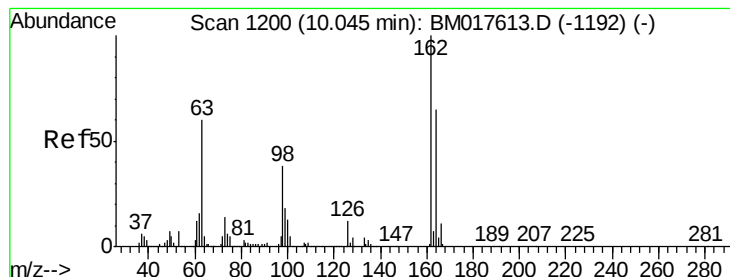
#28
 bis(2-Chloroethoxy)methane
 Concen: 45.087 ng
 RT: 9.81 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BM017684.D
 Acq: 16 Nov 2018 17:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	24.9	37.3
123	11.3	8.7	13.1



Abundance Ion 93.00 (92.70 to 93.70): BM0
 Ion 95.00 (94.70 to 95.70): BM0
 Ion 123.00 (122.70 to 123.70): E

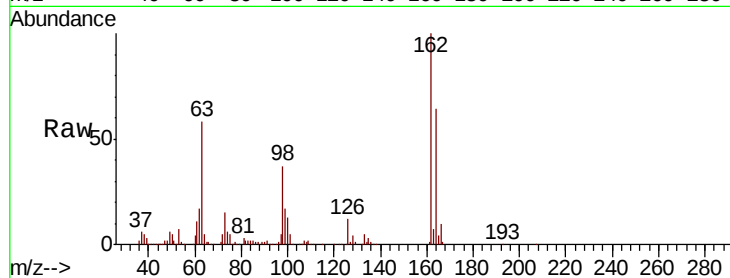




#29
 2,4-Dichlorophenol
 Concen: 48.791 ng
 RT: 10.04 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BM017684.D
 Acq: 16 Nov 2018 17:19

Instrument :
 BNA_M
 ClientSampleId :
 PB114860BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.4	45.0	85.0
98	37.0	17.5	57.5

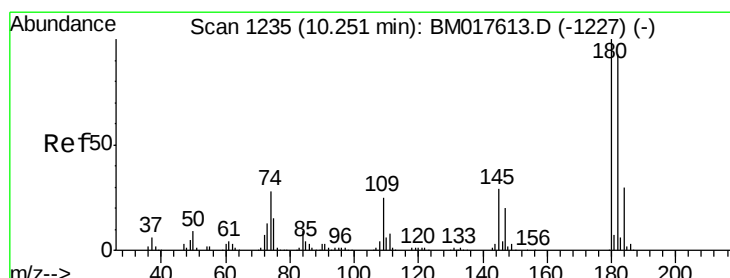
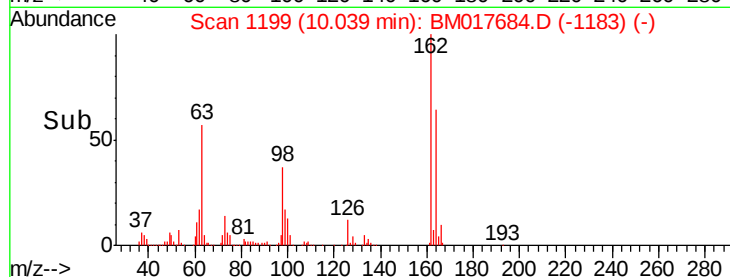
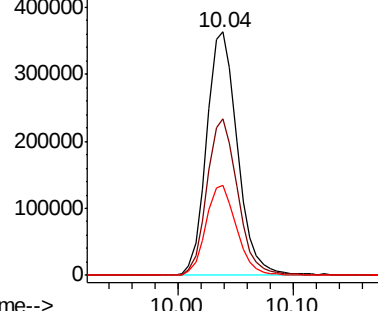


Abundance

Ion 162.00 (161.70 to 162.70): E

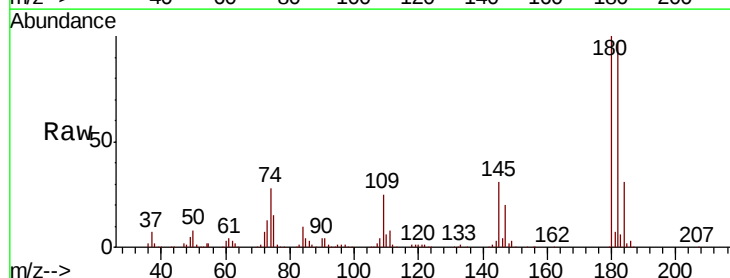
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30
 1,2,4-Trichlorobenzene
 Concen: 41.744 ng
 RT: 10.25 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BM017684.D
 Acq: 16 Nov 2018 17:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	74.4	111.6
145	31.1	23.5	35.3

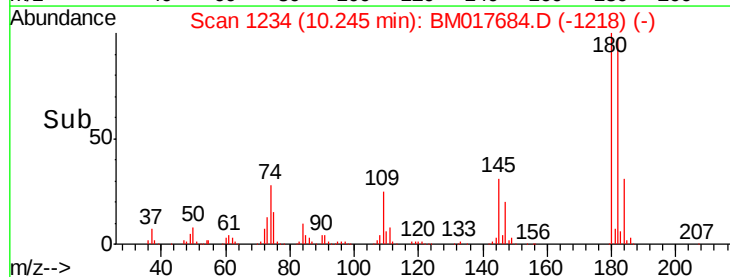
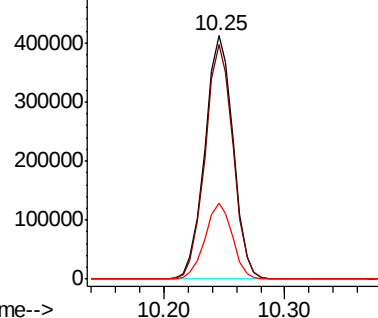


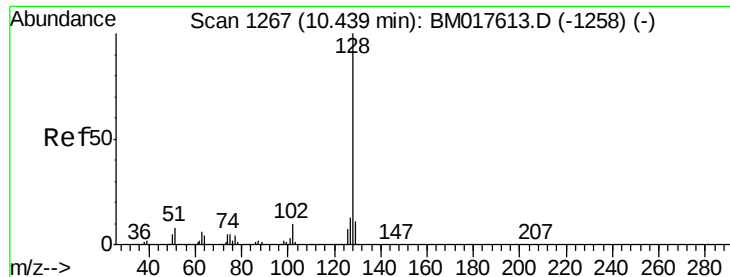
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

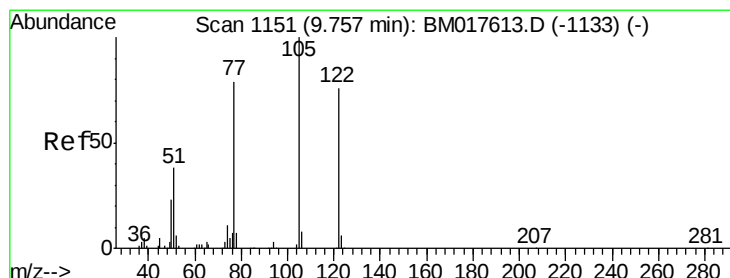
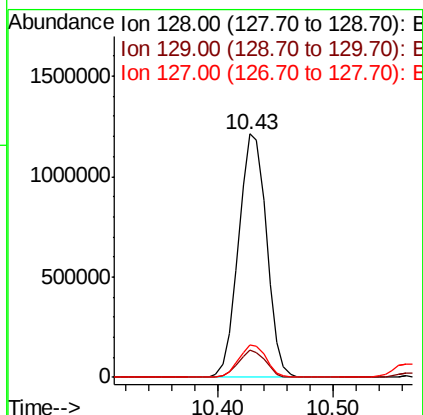
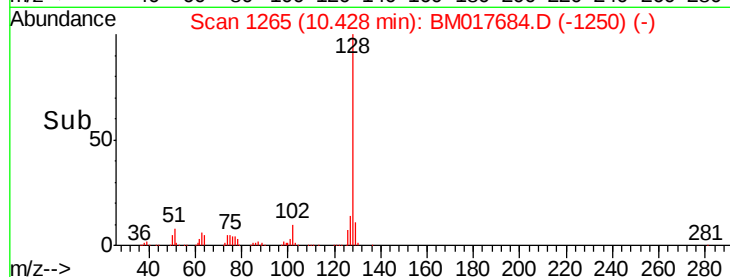
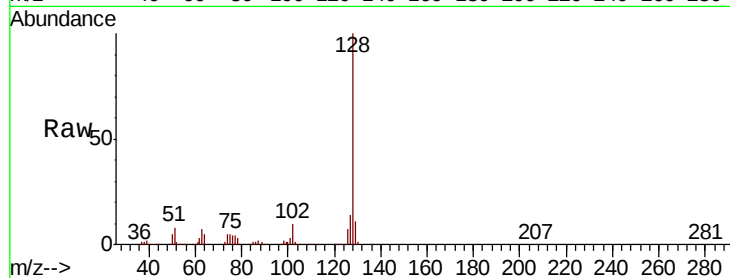




#31
Naphthalene
Concen: 45.472 ng
RT: 10.43 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

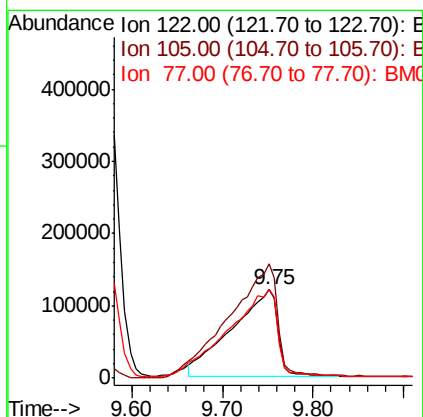
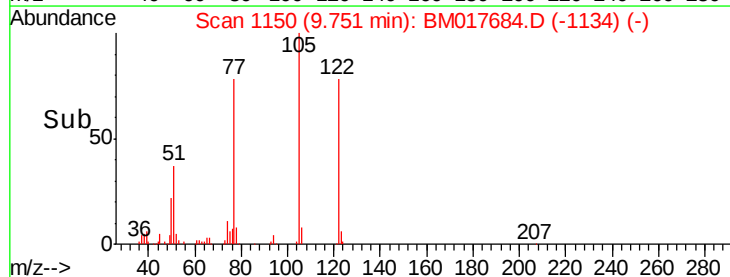
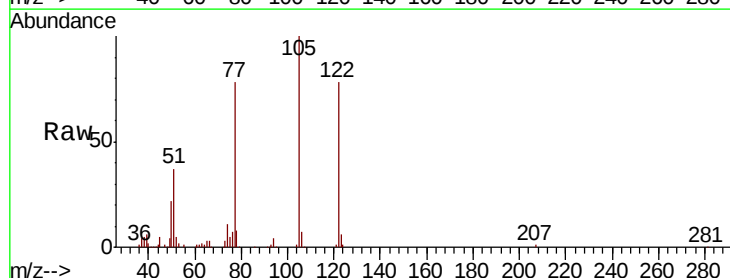
Instrument :
BNA_M
ClientSampleId :
PB114860BS

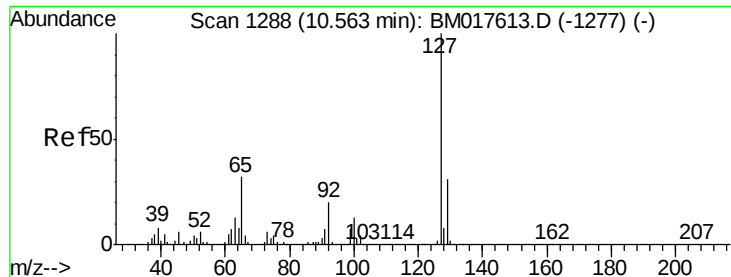
Tgt Ion:128 Resp: 2041895
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.5 10.3 15.5



#32
Benzoic acid
Concen: 38.639 ng
RT: 9.75 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

Tgt Ion:122 Resp: 417053
Ion Ratio Lower Upper
122 100
105 128.8 109.1 149.1
77 101.1 82.1 122.1

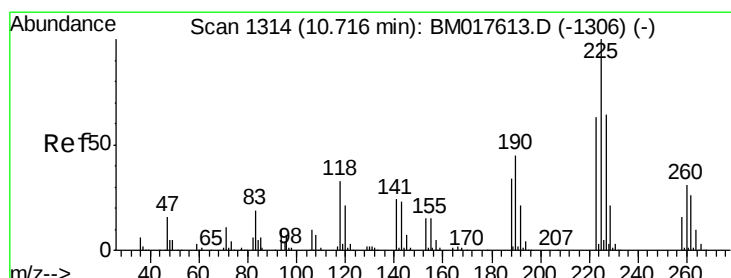
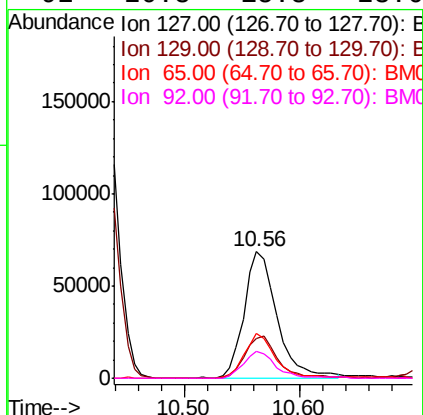
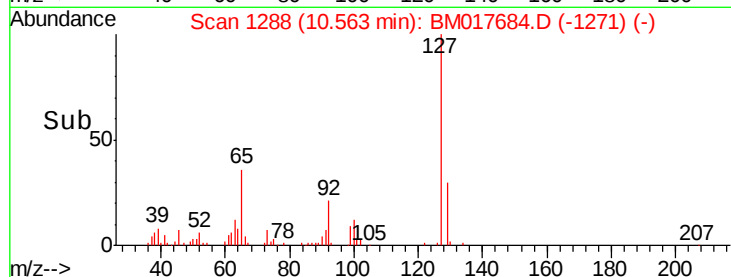
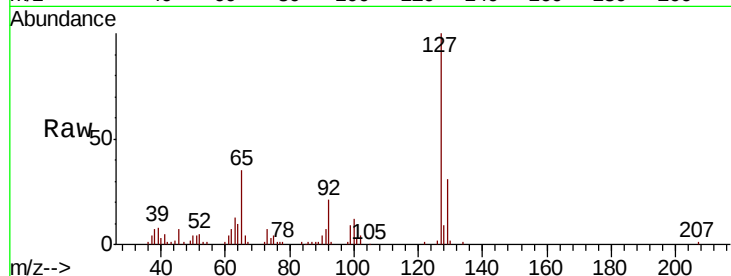




#33
4-Chloroaniline
Concen: 6.927 ng
RT: 10.56 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

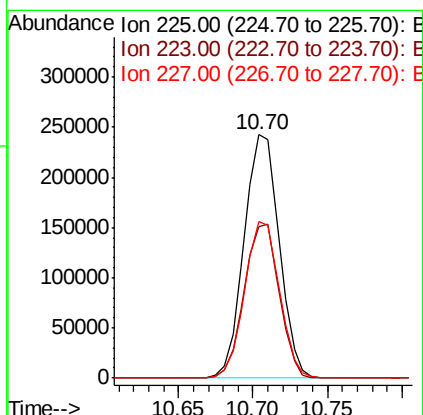
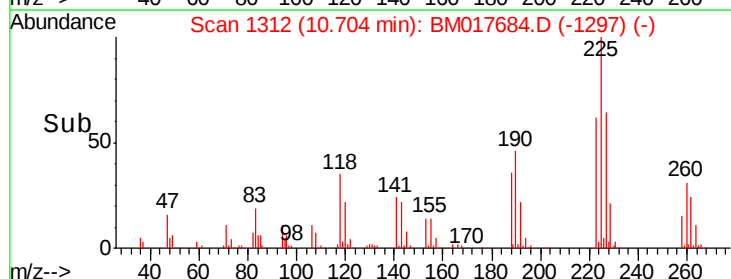
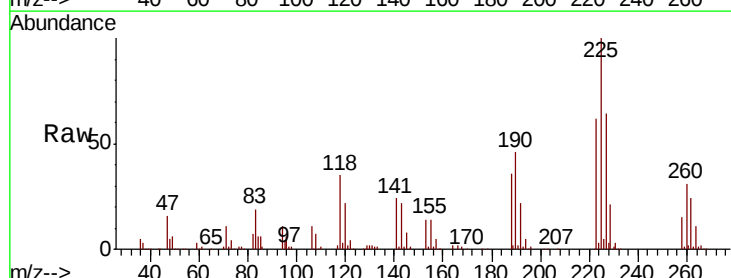
Instrument :
BNA_M
ClientSampleId :
PB114860BS

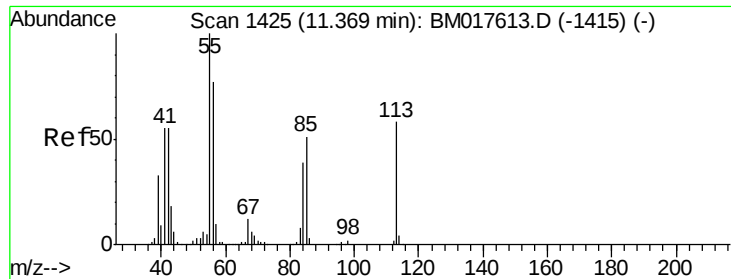
Tgt Ion:	127	Resp:	136213
Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.0	37.4
65	35.2	25.8	38.8
92	20.8	15.8	23.6



#34
Hexachlorobutadiene
Concen: 39.594 ng
RT: 10.70 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

Tgt Ion:	225	Resp:	395422
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.7	76.1
227	64.3	51.0	76.4

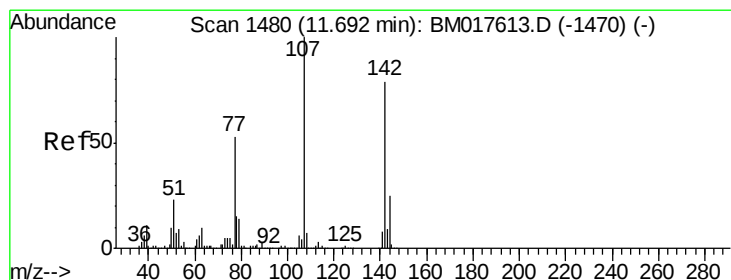
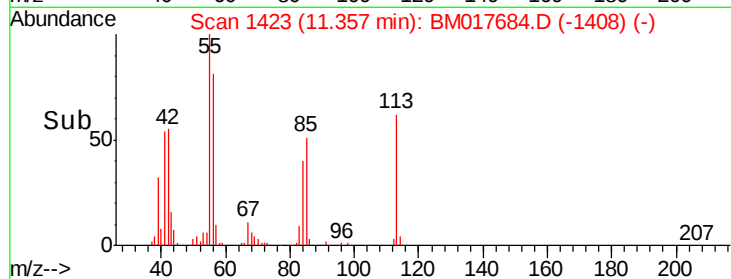
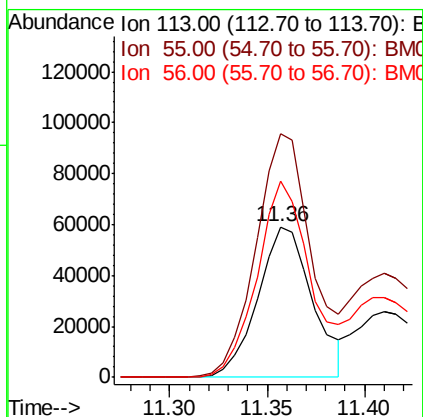
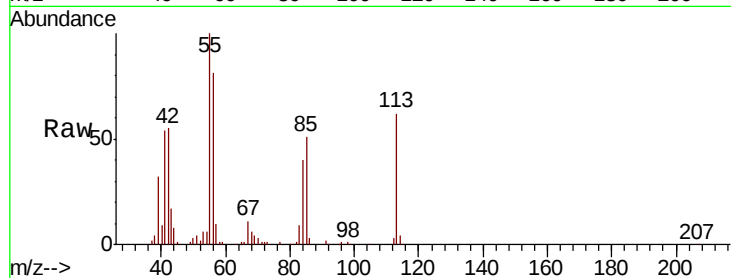




#35
 Caprolactam
 Concen: 22.467 ng
 RT: 11.36 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BM017684.D
 Acq: 16 Nov 2018 17:19

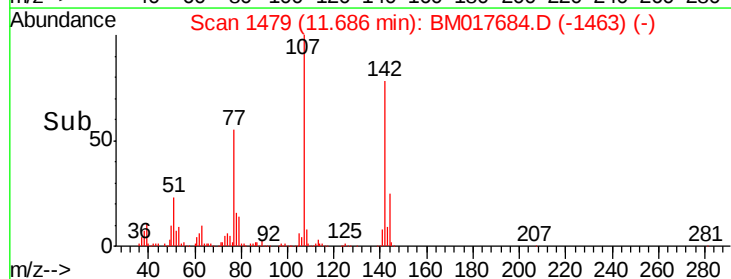
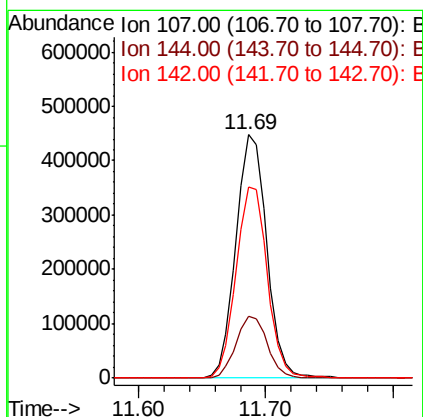
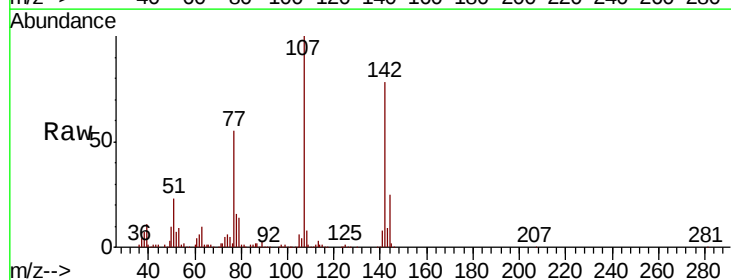
Instrument :
 BNA_M
 ClientSampleId :
 PB114860BS

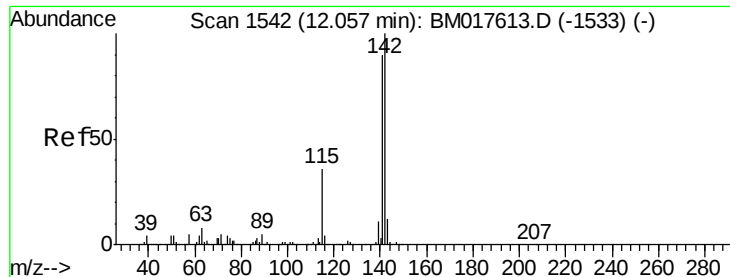
Tgt Ion:113 Resp: 114440
 Ion Ratio Lower Upper
 113 100
 55 161.8 153.1 193.1
 56 130.4 112.7 152.7



#36
 4-Chloro-3-methylphenol
 Concen: 47.477 ng
 RT: 11.69 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BM017684.D
 Acq: 16 Nov 2018 17:19

Tgt Ion:107 Resp: 758181
 Ion Ratio Lower Upper
 107 100
 144 25.2 19.9 29.9
 142 78.4 63.0 94.4

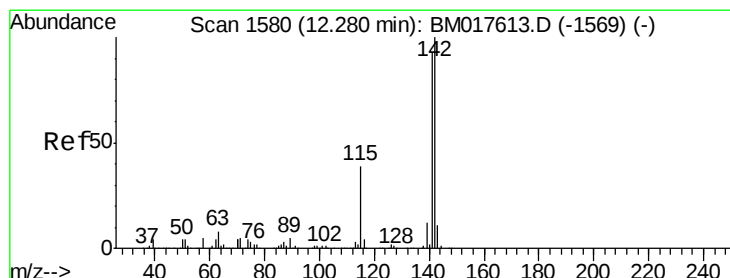
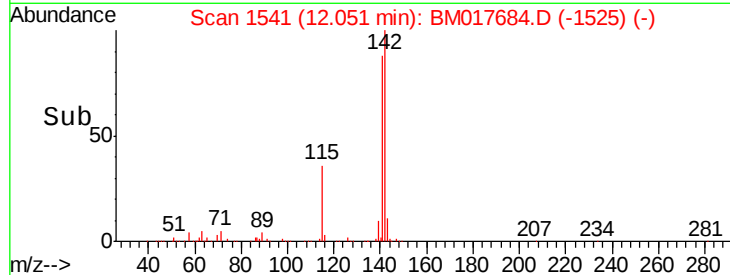
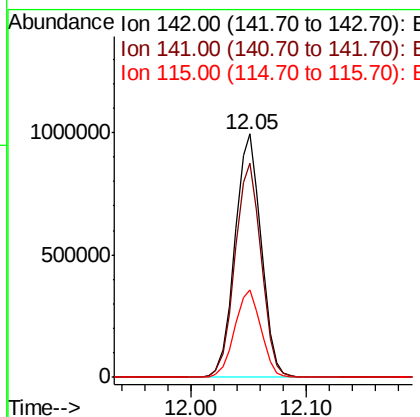
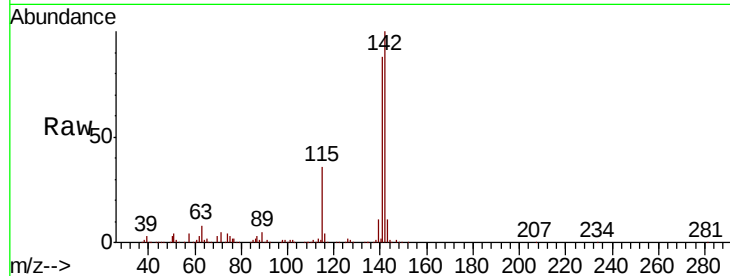




#37
 2-Methylnaphthalene
 Concen: 49.173 ng
 RT: 12.05 min Scan# 1541
 Delta R.T. -0.01 min
 Lab File: BM017684.D
 Acq: 16 Nov 2018 17:19

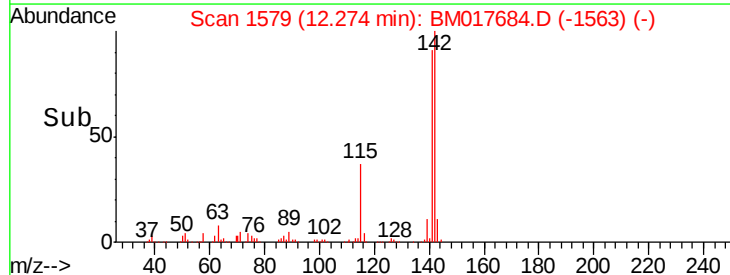
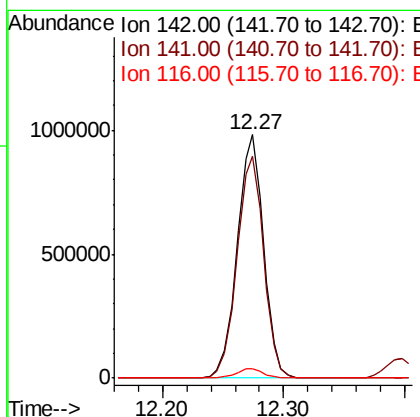
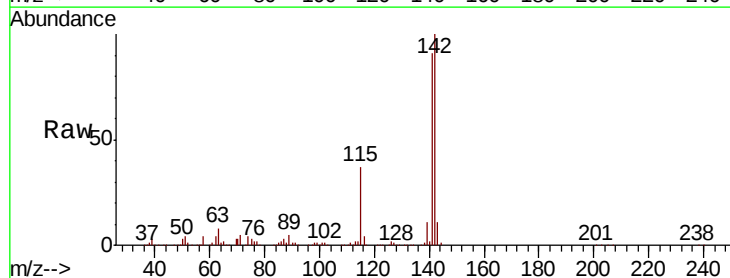
Instrument :
 BNA_M
 ClientSampleId :
 PB114860BS

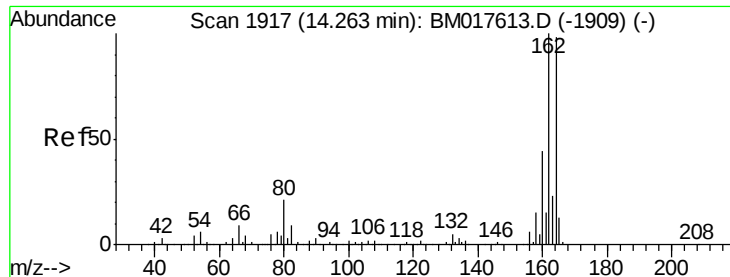
Tgt Ion:142 Resp: 1560598
 Ion Ratio Lower Upper
 142 100
 141 88.2 72.2 108.4
 115 35.8 28.5 42.7



#38
 1-Methylnaphthalene
 Concen: 47.914 ng
 RT: 12.27 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BM017684.D
 Acq: 16 Nov 2018 17:19

Tgt Ion:142 Resp: 1490987
 Ion Ratio Lower Upper
 142 100
 141 91.3 74.2 111.4
 116 3.9 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.26 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

Instrument :

BNA_M

ClientSampleId :

PB114860BS

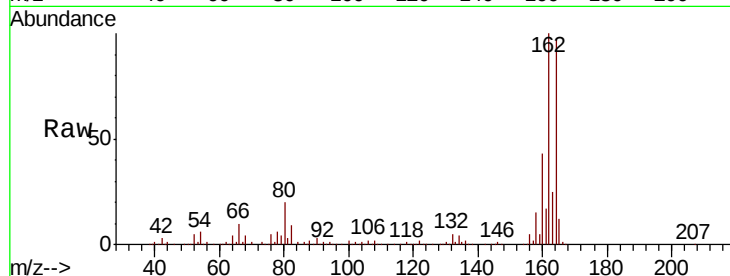
Tgt Ion:164 Resp: 559987

Ion Ratio Lower Upper

164 100

162 102.7 81.4 122.0

160 44.6 35.6 53.4

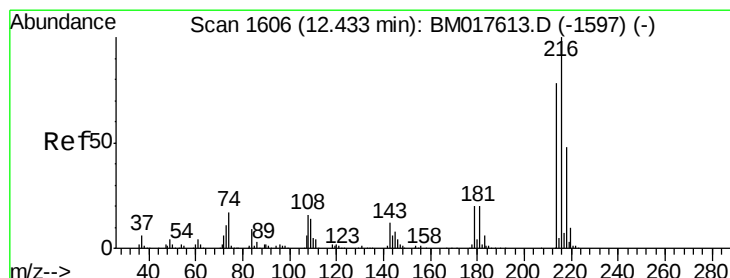
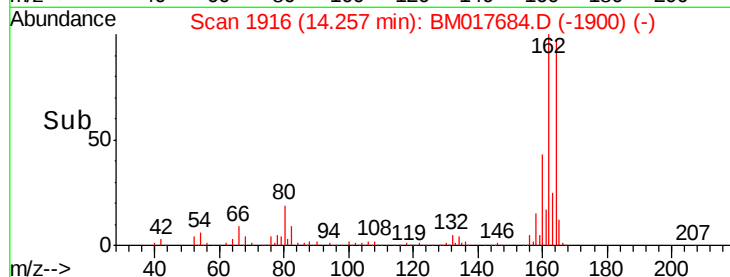
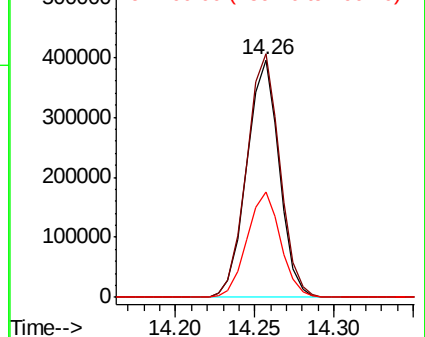


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.277 ng

RT: 12.42 min Scan# 1604

Delta R.T. -0.01 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

Tgt Ion:216 Resp: 795330

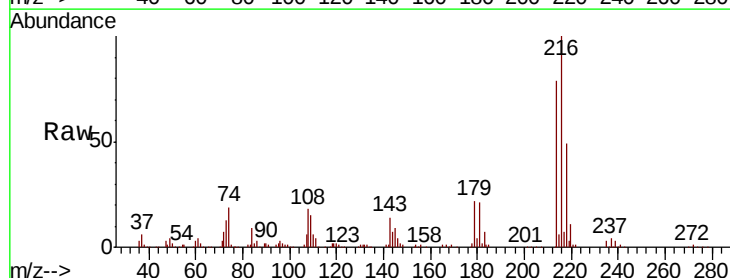
Ion Ratio Lower Upper

216 100

214 78.9 62.5 93.7

179 21.3 16.8 25.2

108 21.2 14.6 22.0



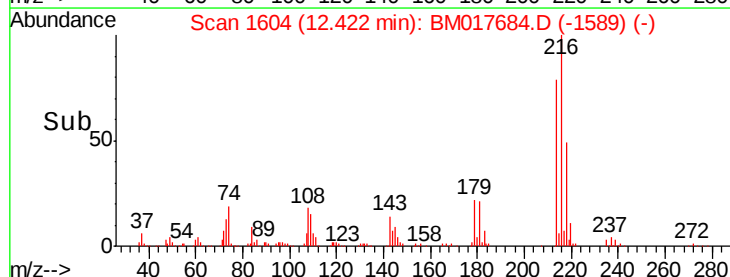
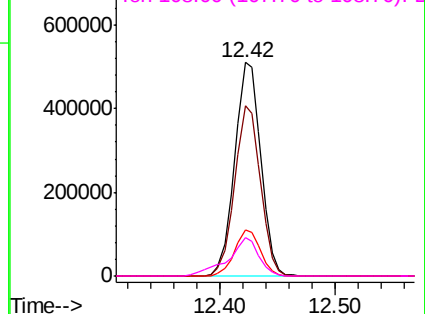
Abundance

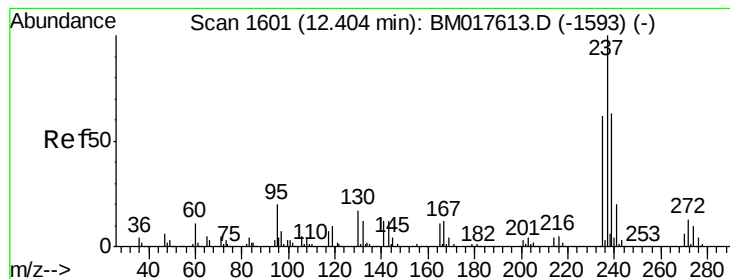
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 98.746 ng

RT: 12.40 min Scan# 1600

Delta R.T. -0.01 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

Instrument :

BNA_M

ClientSampleId :

PB114860BS

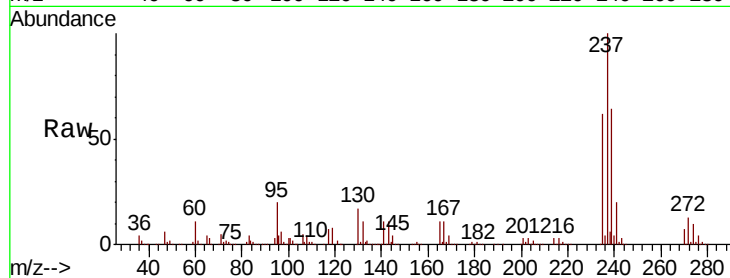
Tgt Ion: 237 Resp: 1007579

Ion Ratio Lower Upper

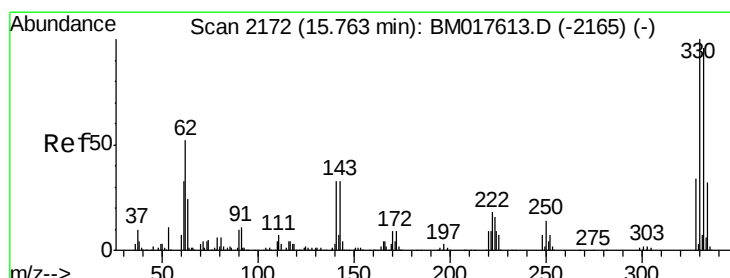
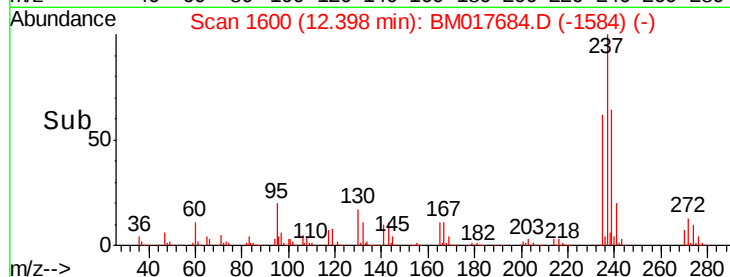
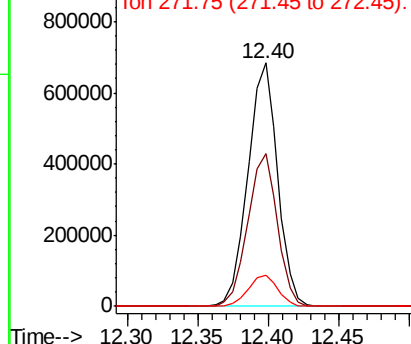
237 100

235 62.5 42.2 82.2

272 12.6 0.0 32.6



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: 104.081 ng

RT: 15.76 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

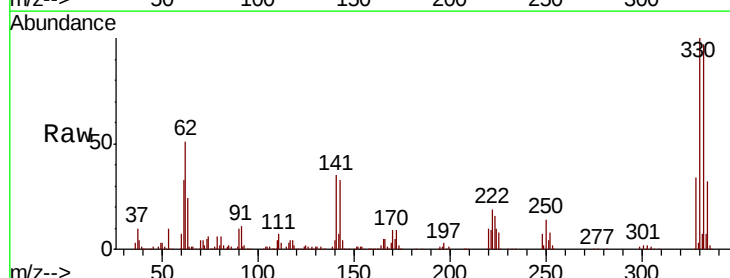
Tgt Ion: 330 Resp: 837457

Ion Ratio Lower Upper

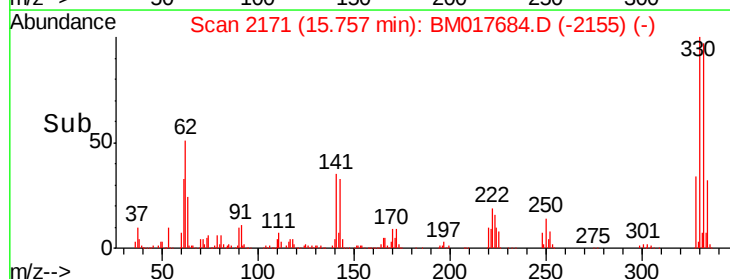
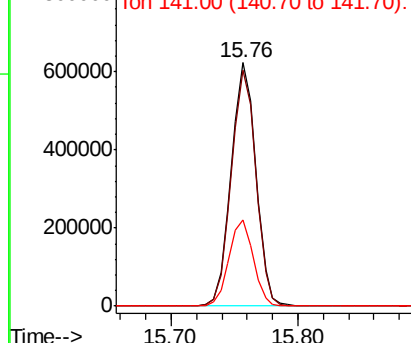
330 100

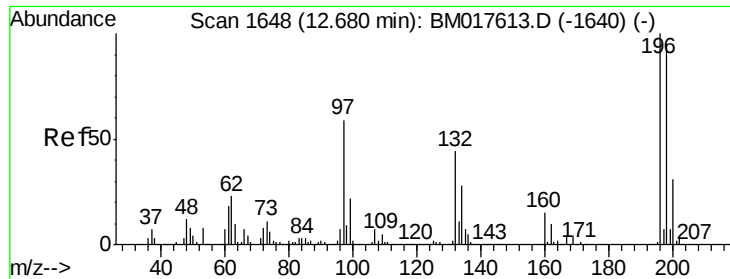
332 96.5 77.9 116.9

141 35.1 27.5 41.3



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

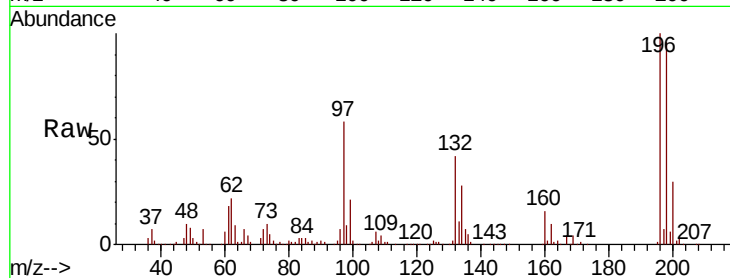




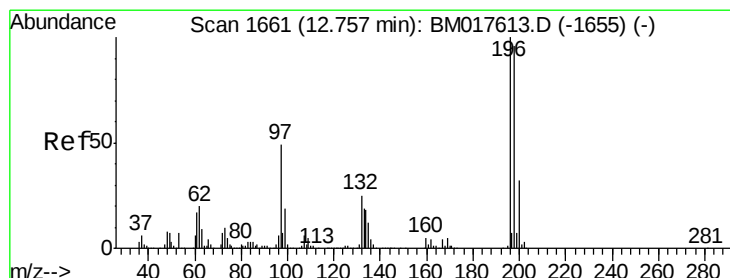
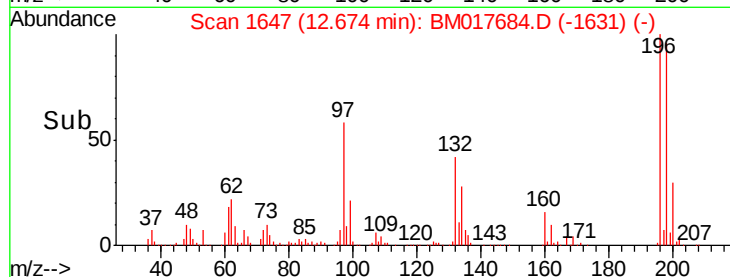
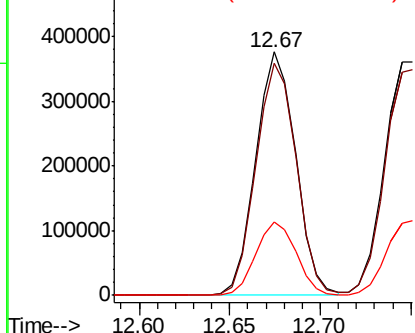
#43
 2,4,6-Trichlorophenol
 Concen: 46.536 ng
 RT: 12.67 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BM017684.D
 Acq: 16 Nov 2018 17:19

Instrument :
 BNA_M
 ClientSampleId :
 PB114860BS

Tgt Ion:196 Resp: 575585
 Ion Ratio Lower Upper
 196 100
 198 95.6 75.6 113.4
 200 30.3 24.8 37.2

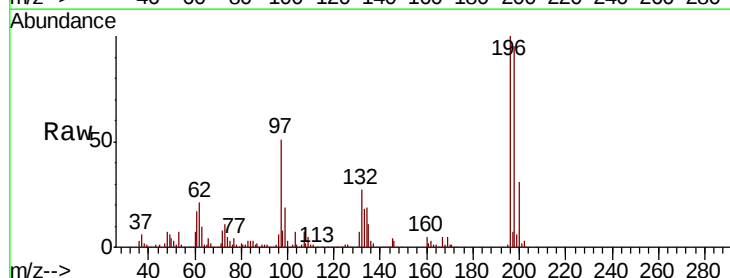


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

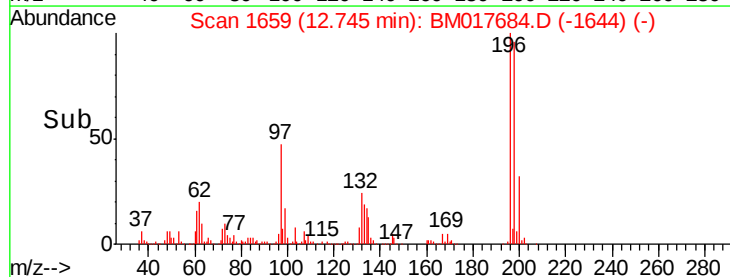
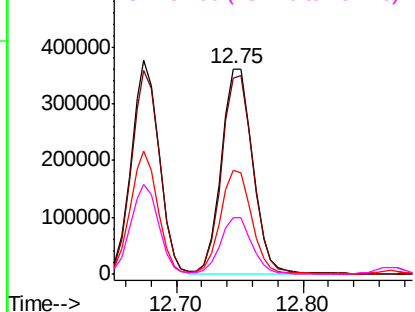


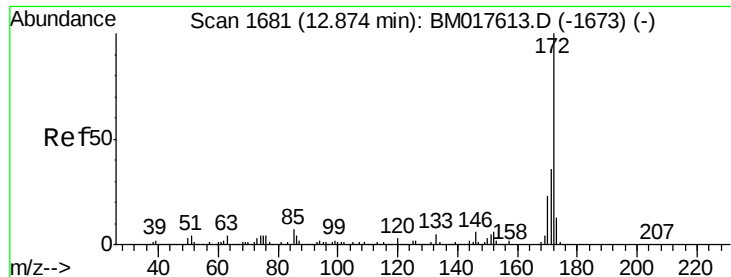
#44
 2,4,5-Trichlorophenol
 Concen: 47.131 ng
 RT: 12.75 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BM017684.D
 Acq: 16 Nov 2018 17:19

Tgt Ion:196 Resp: 615523
 Ion Ratio Lower Upper
 196 100
 198 95.2 76.8 115.2
 97 50.8 39.0 58.6
 132 27.3 20.4 30.6



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BM0
 Ion 132.00 (131.70 to 132.70): E

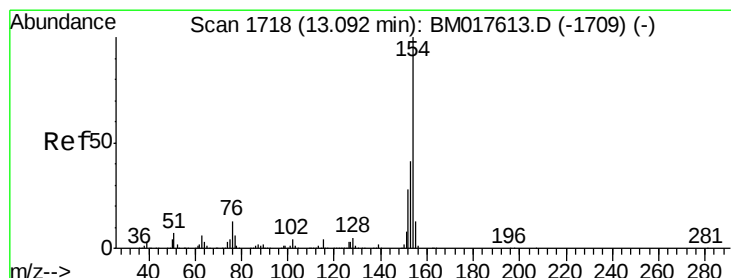
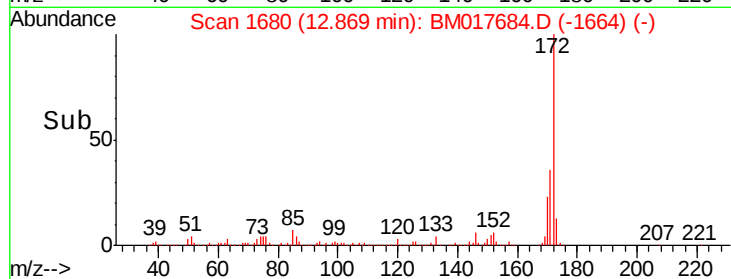
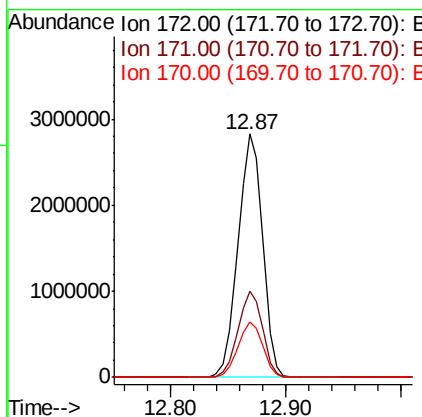
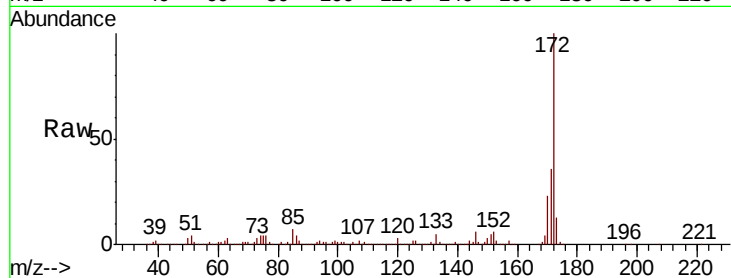




#45
 2-Fluorobiphenyl
 Concen: 96.235 ng
 RT: 12.87 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BM017684.D
 Acq: 16 Nov 2018 17:19

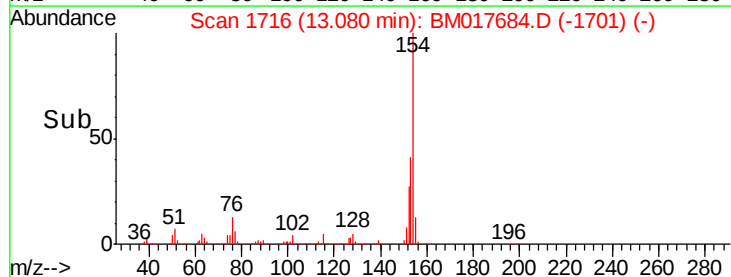
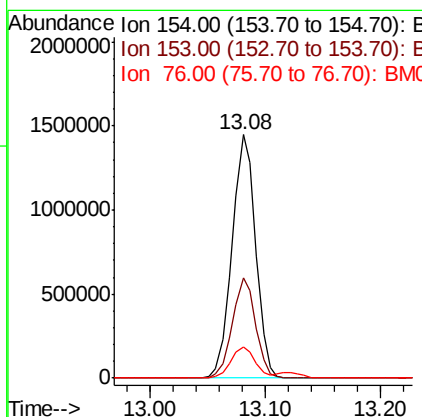
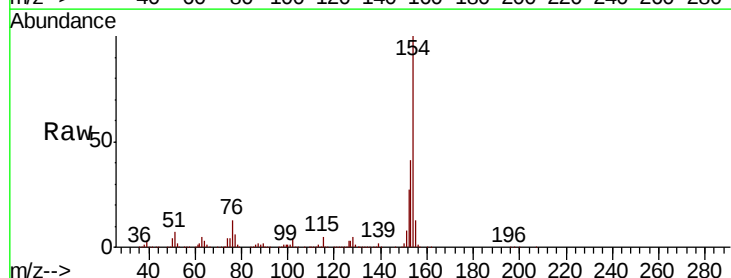
Instrument :
 BNA_M
 ClientSampleId :
 PB114860BS

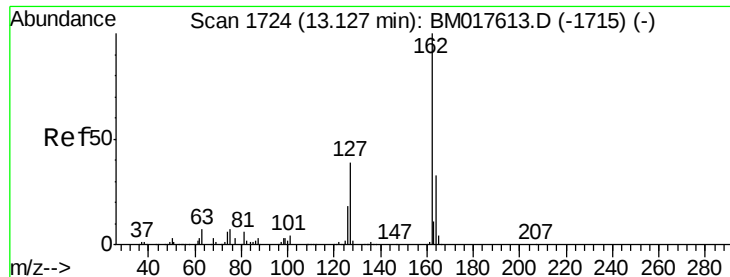
Tgt Ion:172 Resp: 4153916
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.7 43.1
 170 23.0 18.3 27.5



#46
 1,1'-Biphenyl
 Concen: 40.627 ng
 RT: 13.08 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BM017684.D
 Acq: 16 Nov 2018 17:19

Tgt Ion:154 Resp: 2042139
 Ion Ratio Lower Upper
 154 100
 153 41.0 20.8 60.8
 76 12.7 0.0 32.8

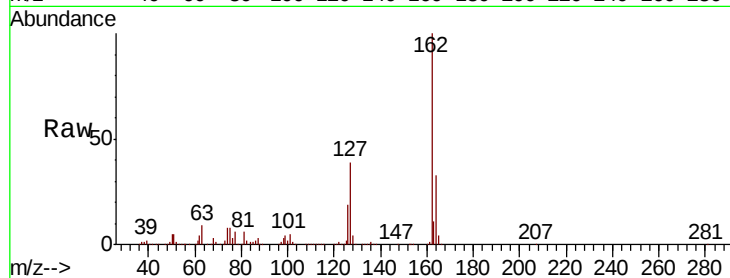




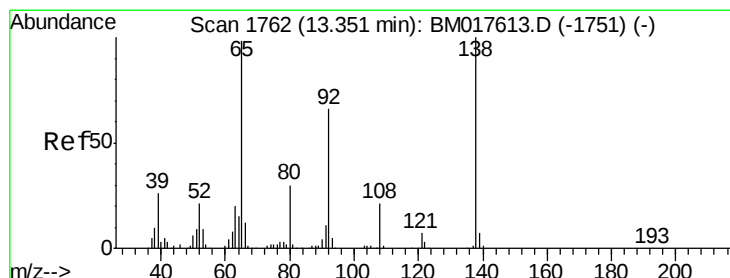
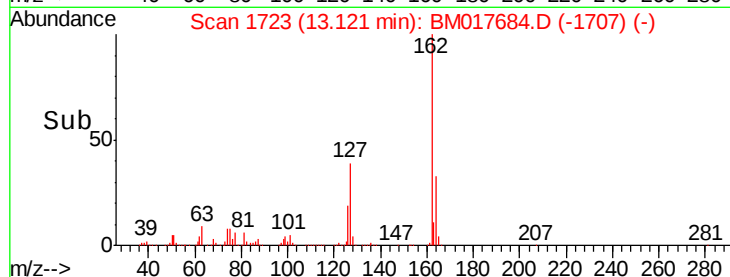
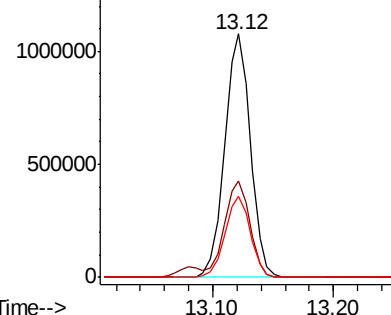
#47
 2-Chloronaphthalene
 Concen: 42.748 ng
 RT: 13.12 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BM017684.D
 Acq: 16 Nov 2018 17:19

Instrument :
 BNA_M
 ClientSampleId :
 PB114860BS

Tgt Ion: 162 Resp: 1594880
 Ion Ratio Lower Upper
 162 100
 127 39.5 32.6 48.8
 164 33.1 26.5 39.7

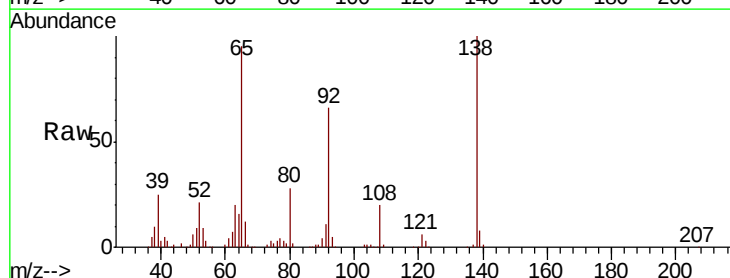


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

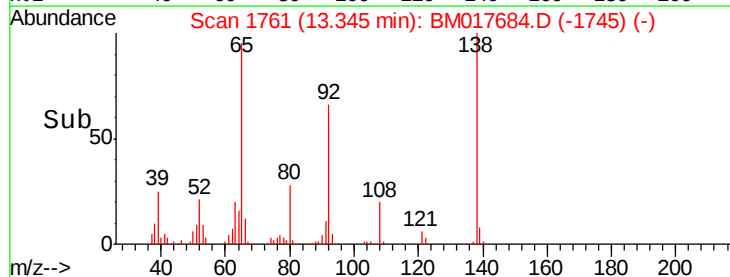
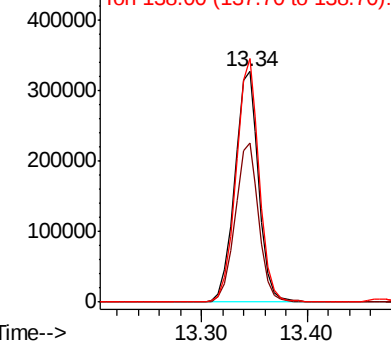


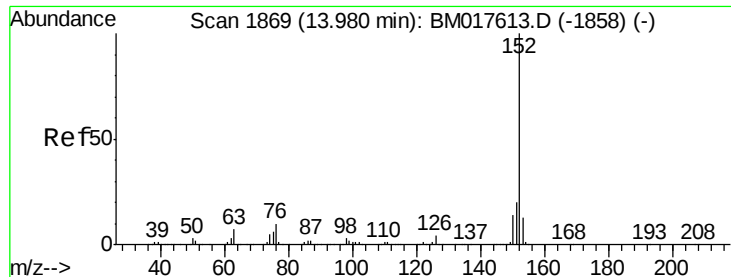
#48
 2-Nitroaniline
 Concen: 44.407 ng
 RT: 13.34 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: BM017684.D
 Acq: 16 Nov 2018 17:19

Tgt Ion: 65 Resp: 512371
 Ion Ratio Lower Upper
 65 100
 92 69.2 53.7 80.5
 138 105.5 81.5 122.3



Abundance Ion 65.00 (64.70 to 65.70): BM0
 Ion 92.00 (91.70 to 92.70): BM0
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 47.443 ng

RT: 13.97 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

Instrument :

BNA_M

ClientSampleId :

PB114860BS

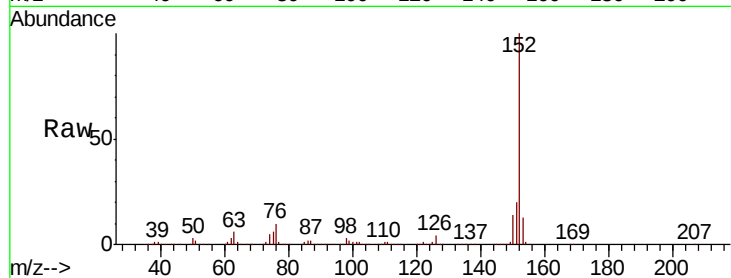
Tgt Ion:152 Resp: 2659389

Ion Ratio Lower Upper

152 100

151 19.8 15.9 23.9

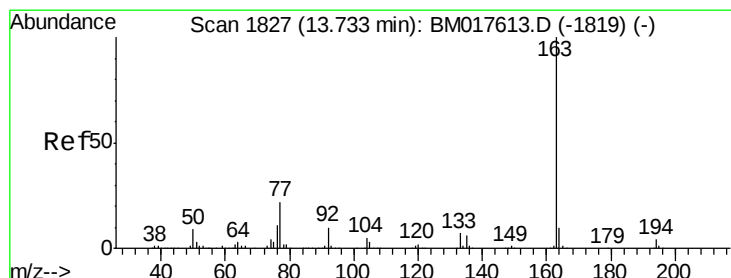
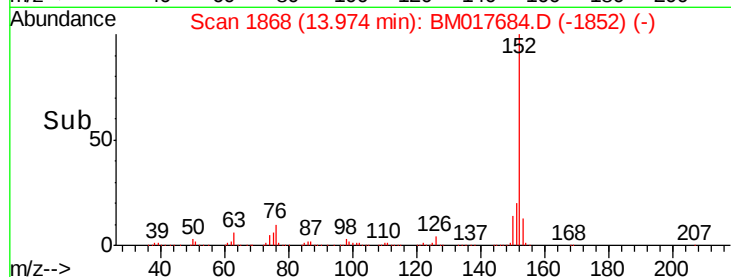
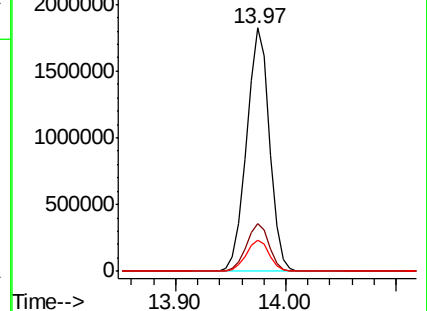
153 13.0 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.389 ng

RT: 13.73 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

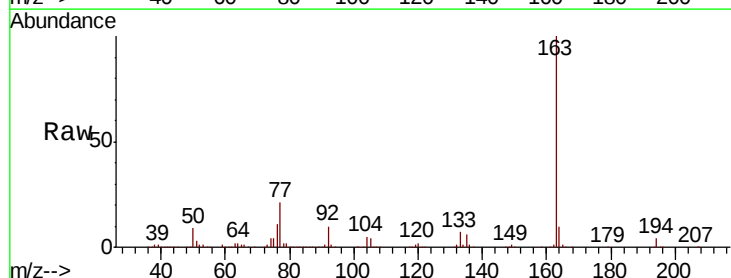
Tgt Ion:163 Resp: 2066529

Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

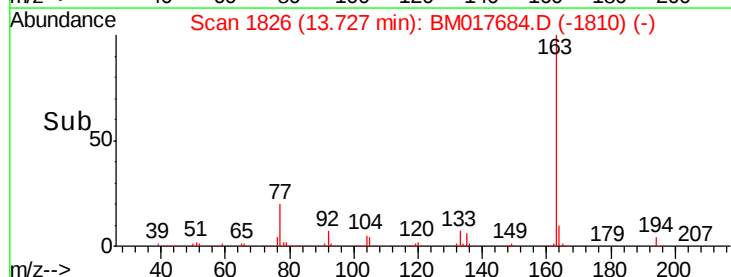
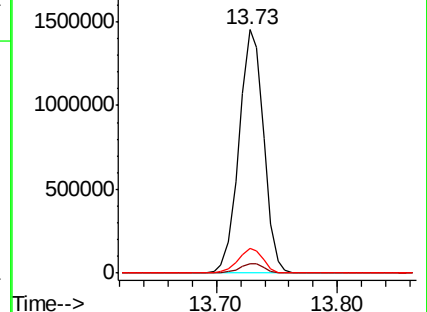
164 10.1 8.2 12.4

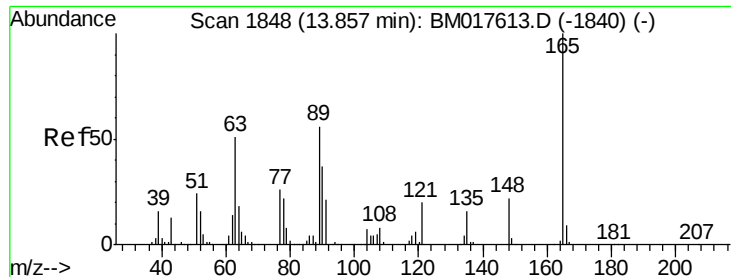


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

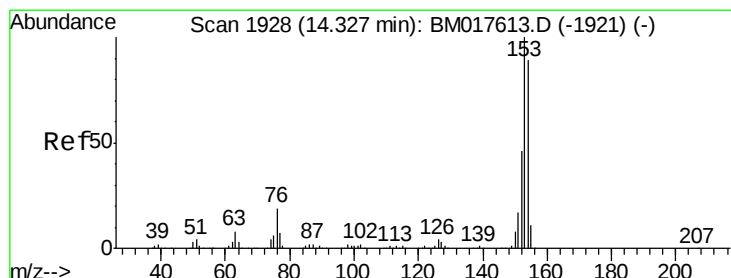
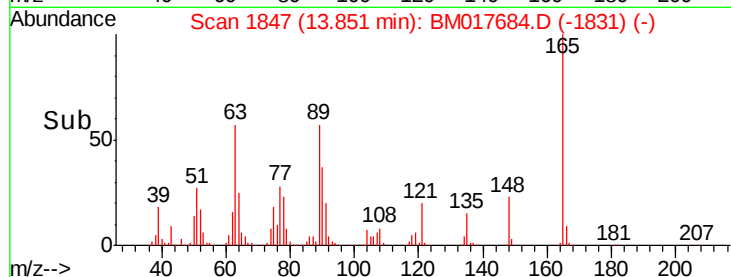
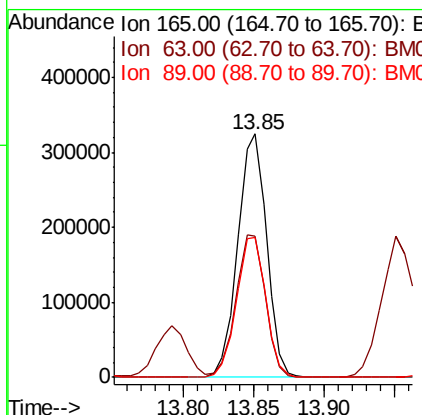
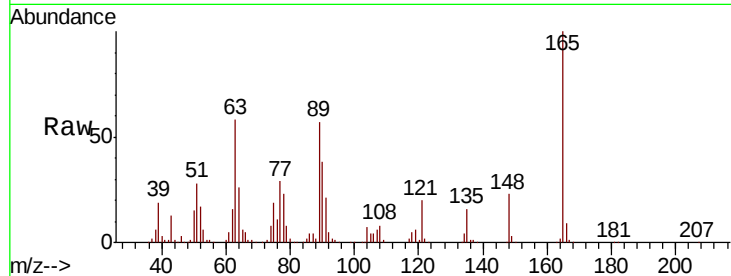




#51
2,6-Dinitrotoluene
Concen: 45.636 ng
RT: 13.85 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

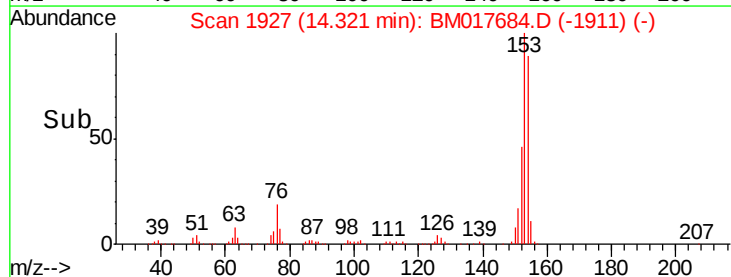
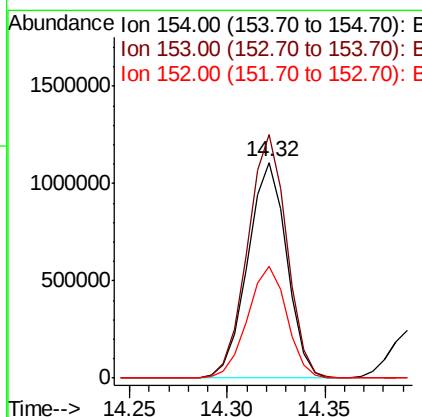
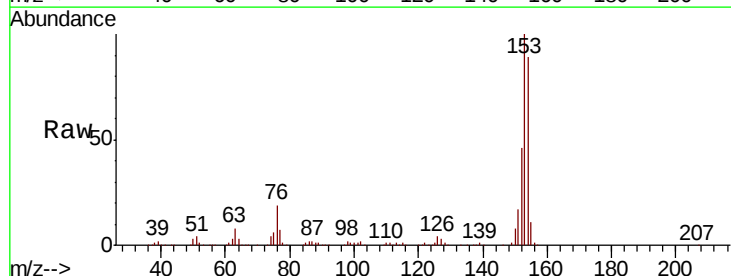
Instrument :
BNA_M
ClientSampleId :
PB114860BS

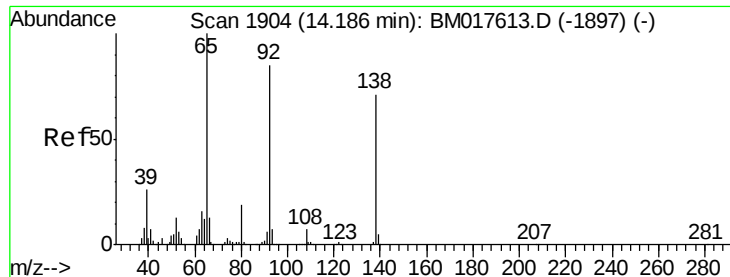
Tgt Ion:165 Resp: 462663
Ion Ratio Lower Upper
165 100
63 58.1 47.3 70.9
89 57.3 44.8 67.2



#52
Acenaphthene
Concen: 44.744 ng
RT: 14.32 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

Tgt Ion:154 Resp: 1539226
Ion Ratio Lower Upper
154 100
153 112.9 90.2 135.4
152 51.7 41.6 62.4

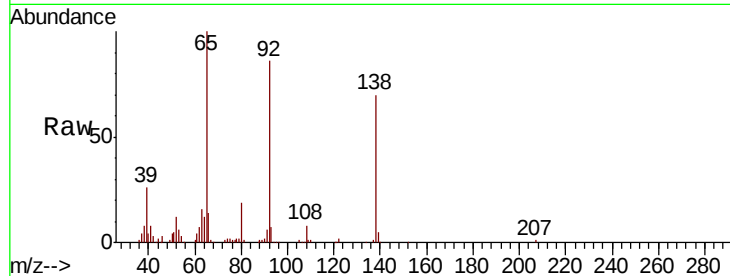




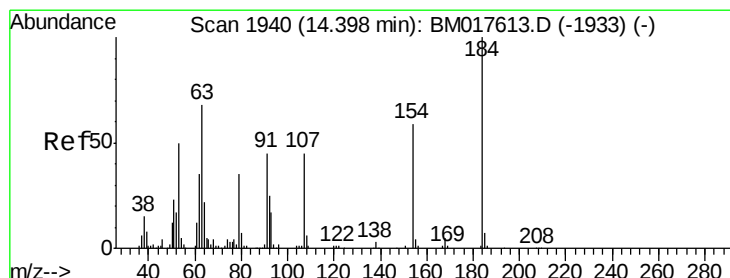
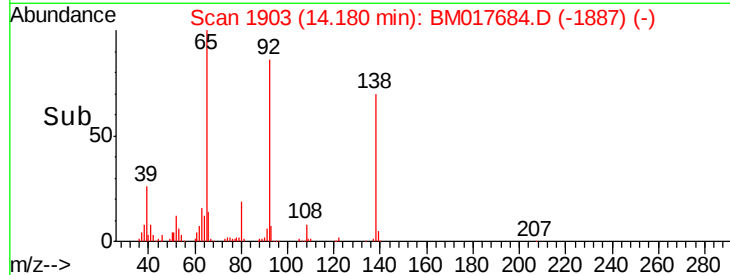
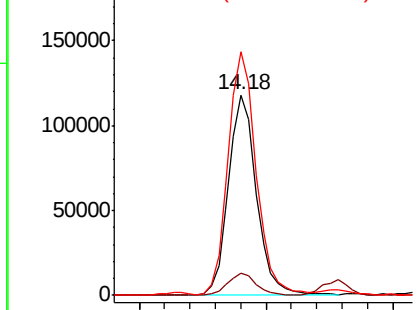
#53
3-Nitroaniline
Concen: 16.346 ng
RT: 14.18 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

Instrument :
BNA_M
ClientSampleId :
PB114860BS

Tgt Ion:138 Resp: 180430
Ion Ratio Lower Upper
138 100
108 10.9 8.2 12.2
92 121.6 95.4 143.2

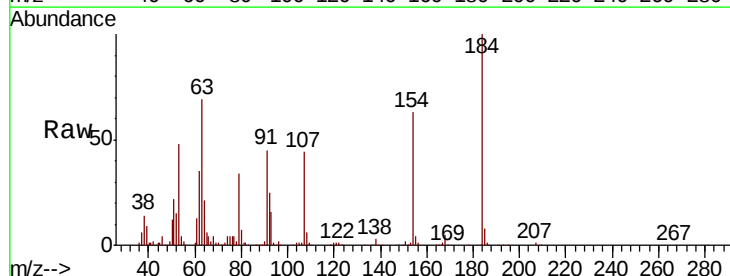


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

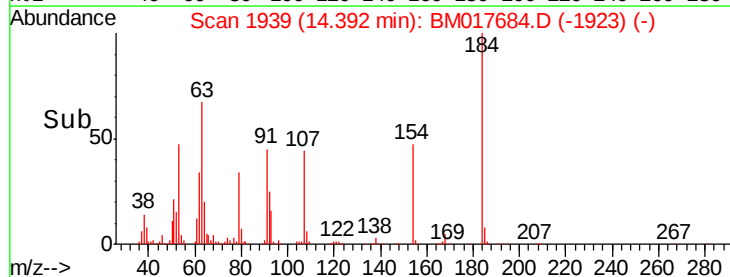
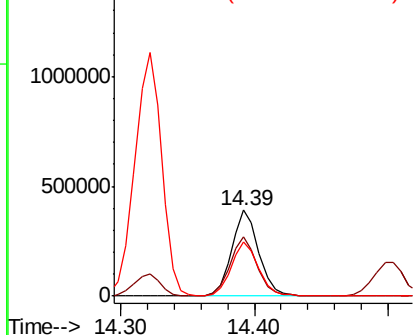


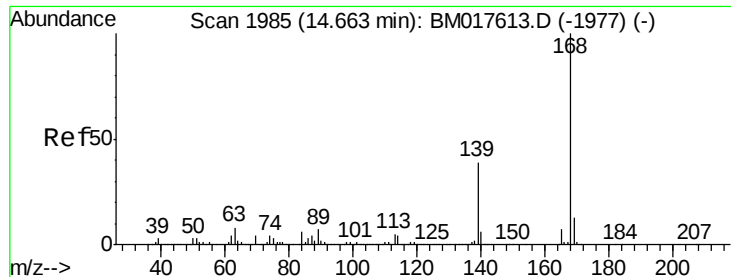
#54
2,4-Dinitrophenol
Concen: 88.898 ng
RT: 14.39 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

Tgt Ion:184 Resp: 555620
Ion Ratio Lower Upper
184 100
63 68.5 55.1 82.7
154 63.5 51.3 76.9



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

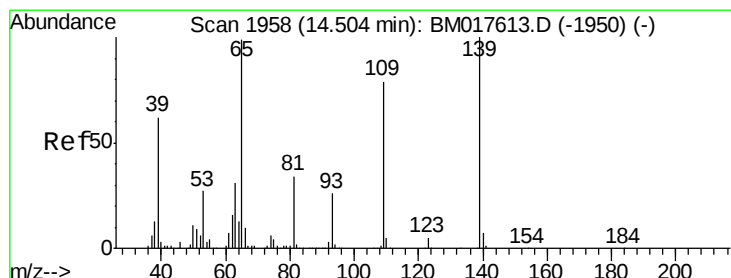
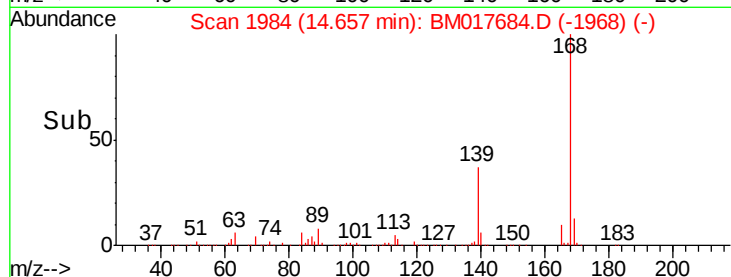
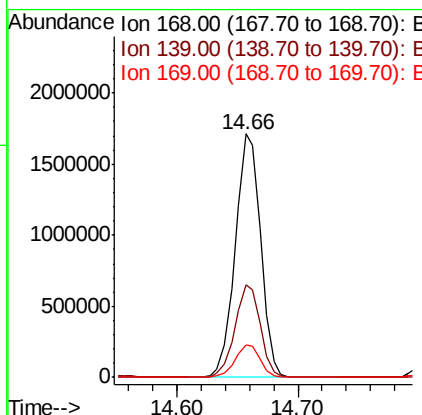
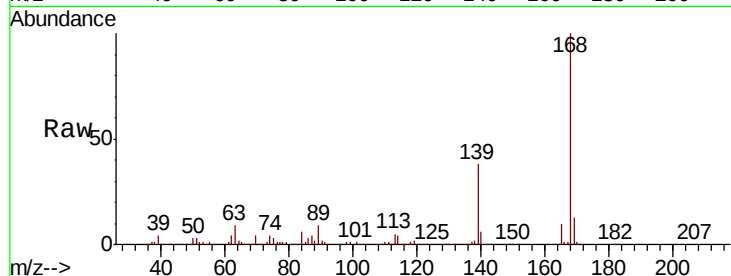




#55
Dibenzofuran
Concen: 44.615 ng
RT: 14.66 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

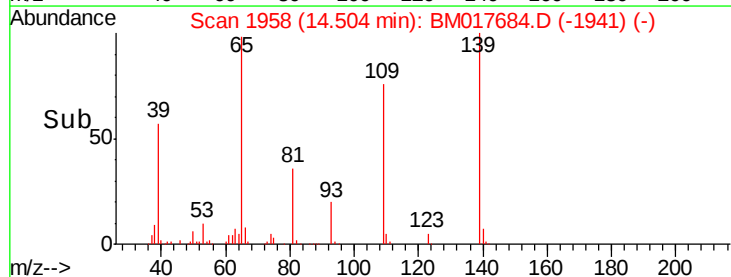
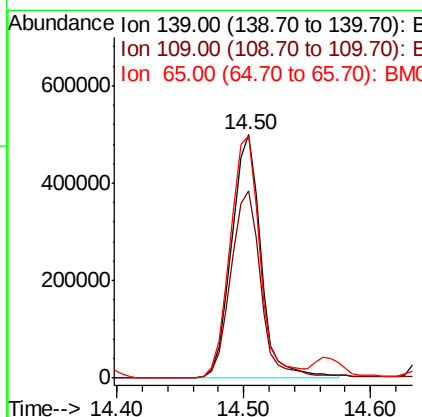
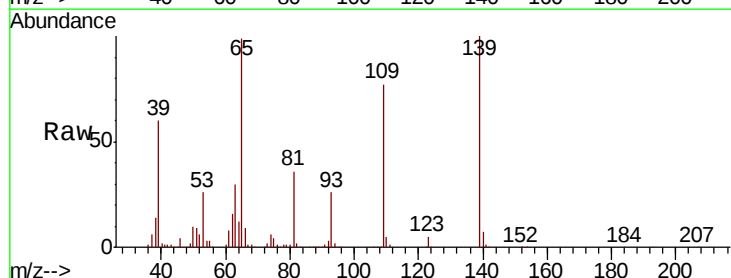
Instrument :
BNA_M
ClientSampleId :
PB114860BS

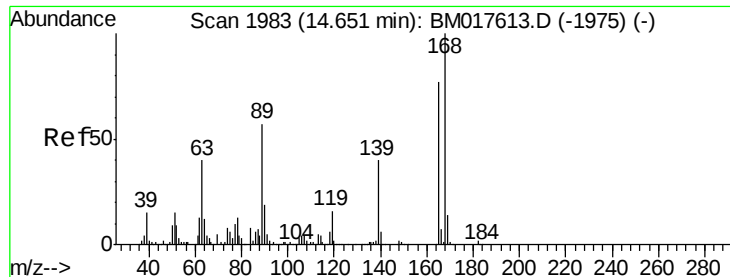
Tgt Ion:168 Resp: 2508194
Ion Ratio Lower Upper
168 100
139 37.9 31.0 46.6
169 13.4 10.6 16.0



#56
4-Nitrophenol
Concen: 85.836 ng
RT: 14.50 min Scan# 1958
Delta R.T. 0.00 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

Tgt Ion:139 Resp: 799958
Ion Ratio Lower Upper
139 100
109 76.7 58.6 98.6
65 99.4 79.5 119.5

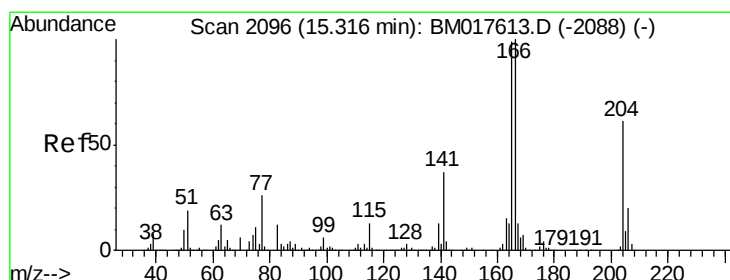
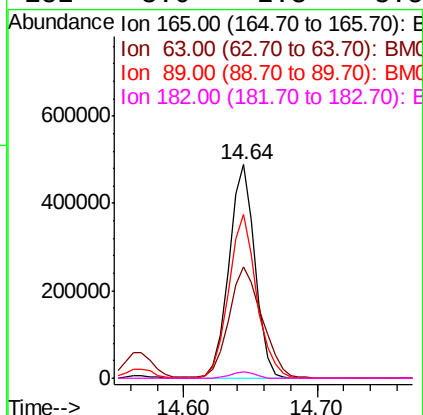
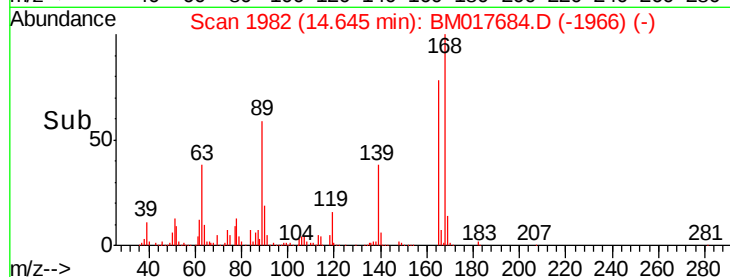
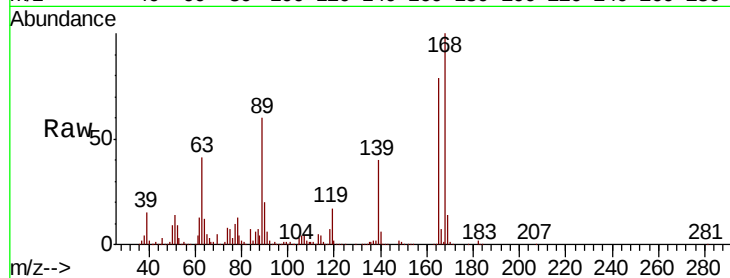




#57
2,4-Dinitrotoluene
Concen: 48.705 ng
RT: 14.64 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

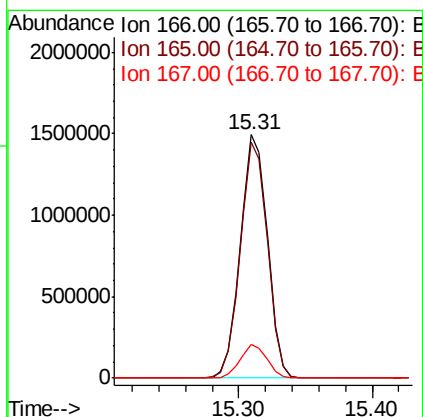
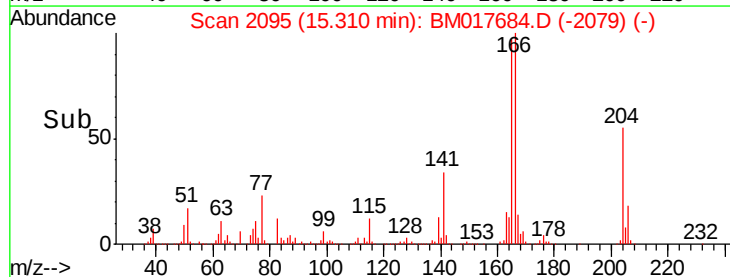
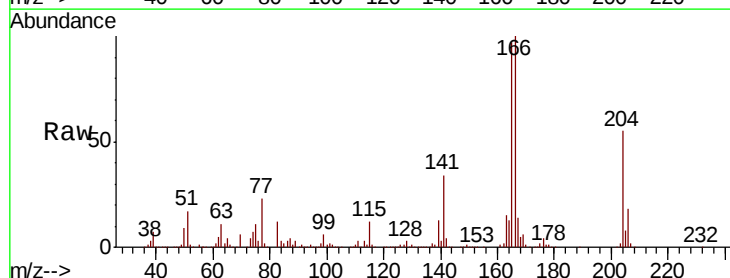
Instrument :
BNA_M
ClientSampleId :
PB114860BS

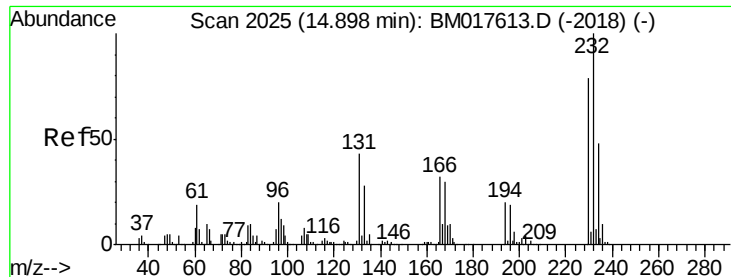
Tgt Ion:165 Resp: 665608
Ion Ratio Lower Upper
165 100
63 52.0 41.8 62.8
89 76.8 59.5 89.3
182 3.0 2.3 3.5



#58
Fluorene
Concen: 48.577 ng
RT: 15.31 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

Tgt Ion:166 Resp: 2090689
Ion Ratio Lower Upper
166 100
165 97.2 79.0 118.6
167 13.6 10.8 16.2

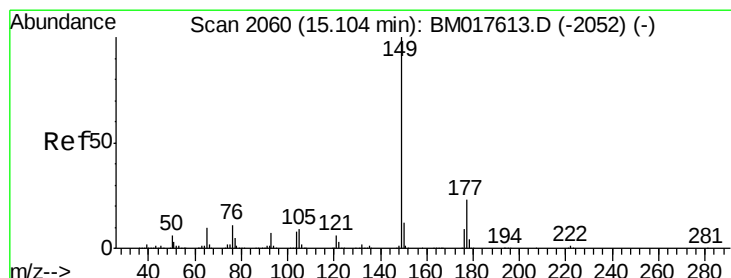
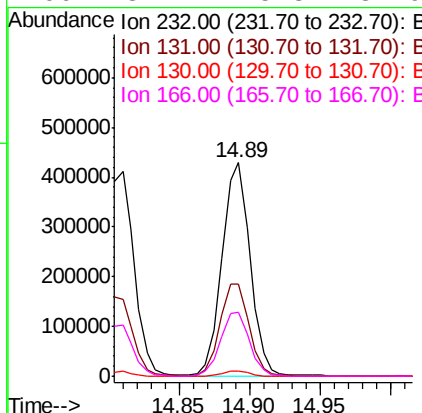
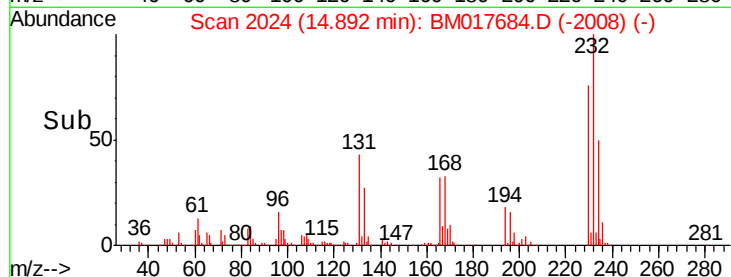
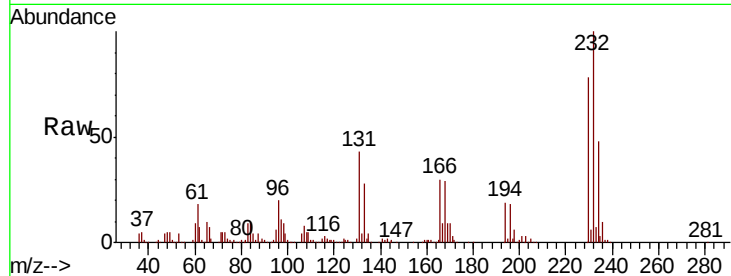




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.242 ng
 RT: 14.89 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BM017684.D
 Acq: 16 Nov 2018 17:19

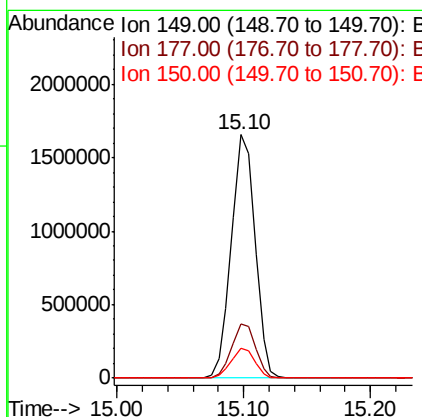
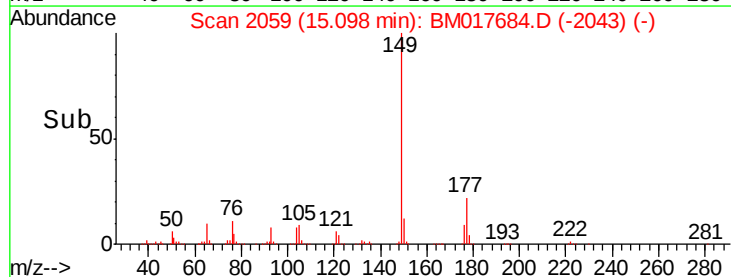
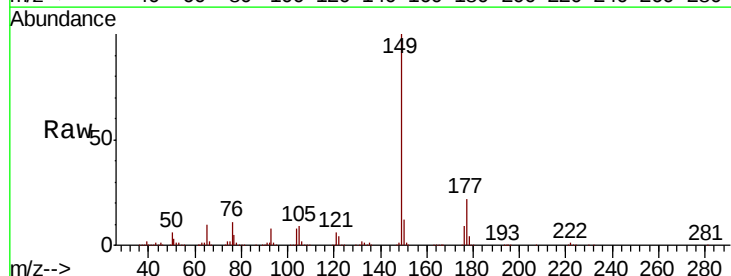
Instrument :
 BNA_M
 ClientSampleId :
 PB114860BS

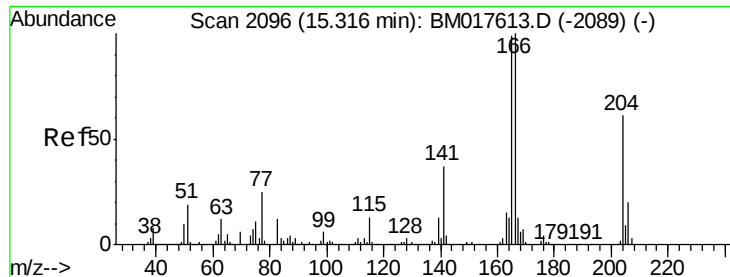
Tgt Ion:	232	Resp:	591499
Ion	Ratio	Lower	Upper
232	100		
131	45.1	34.8	52.2
130	2.4	1.9	2.9
166	31.2	25.3	37.9



#60
 Diethylphthalate
 Concen: 43.559 ng
 RT: 15.10 min Scan# 2059
 Delta R.T. -0.01 min
 Lab File: BM017684.D
 Acq: 16 Nov 2018 17:19

Tgt Ion:	149	Resp:	2142835
Ion	Ratio	Lower	Upper
149	100		
177	22.1	18.1	27.1
150	12.2	9.9	14.9

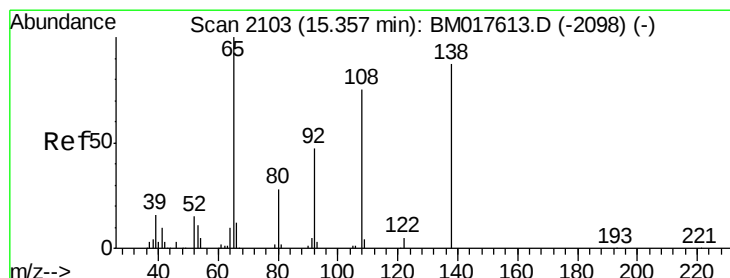
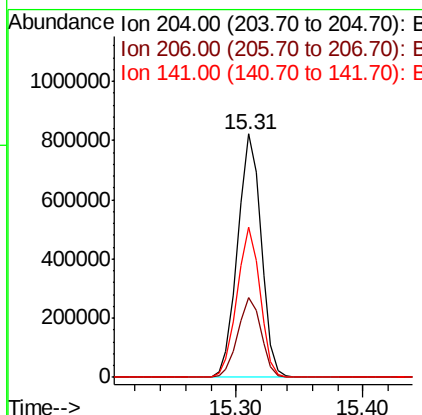
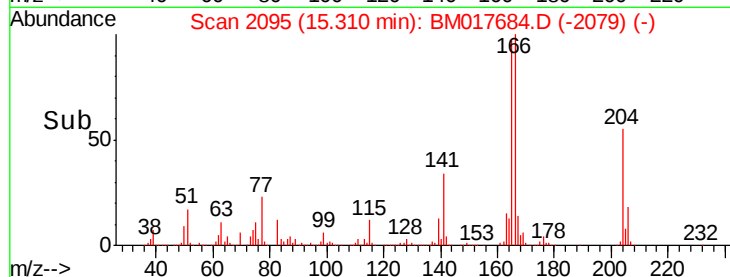
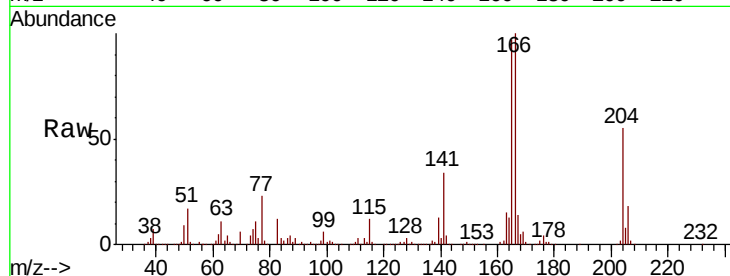




#61
4-Chlorophenyl-phenylether
Concen: 43.065 ng
RT: 15.31 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

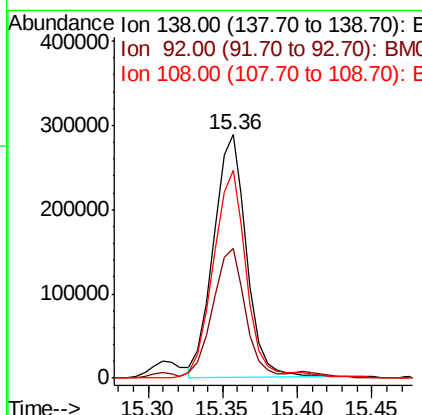
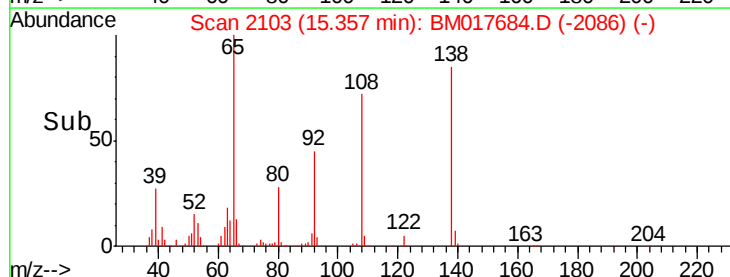
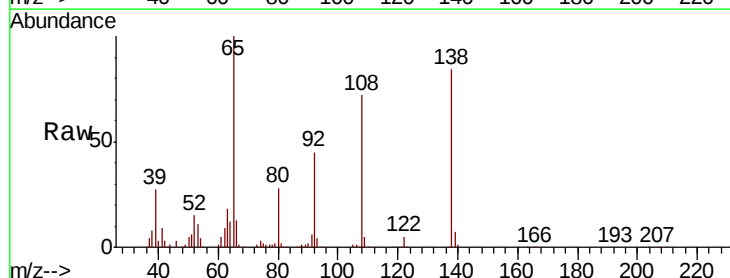
Instrument :
BNA_M
ClientSampleId :
PB114860BS

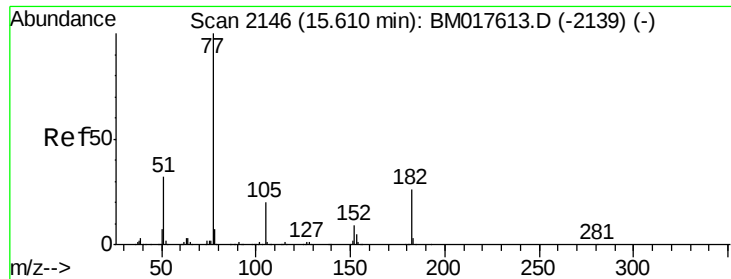
Tgt Ion:204 Resp: 1053035
Ion Ratio Lower Upper
204 100
206 32.6 25.9 38.9
141 61.8 47.9 71.9



#62
4-Nitroaniline
Concen: 42.612 ng
RT: 15.36 min Scan# 2103
Delta R.T. -0.00 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

Tgt Ion:138 Resp: 443283
Ion Ratio Lower Upper
138 100
92 53.2 33.4 73.4
108 85.2 64.3 104.3



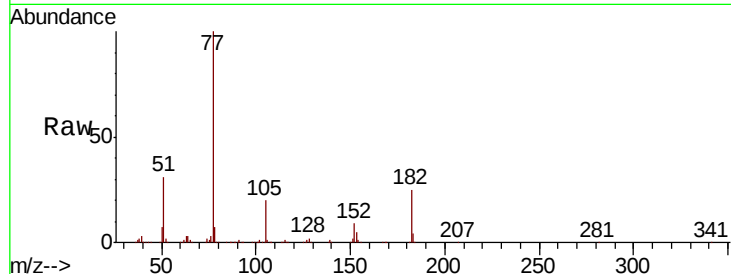


#63
Azobenzene
Concen: 45.646 ng
RT: 15.60 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

Instrument :
BNA_M
ClientSampleId :
PB114860BS

Tgt Ion: 77 Resp: 2075771

Ion	Ratio	Lower	Upper
77	100		
182	25.3	5.8	45.8
105	19.6	0.0	40.0
51	30.9	12.5	52.5

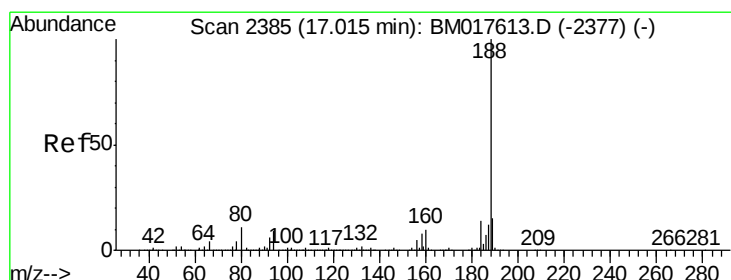
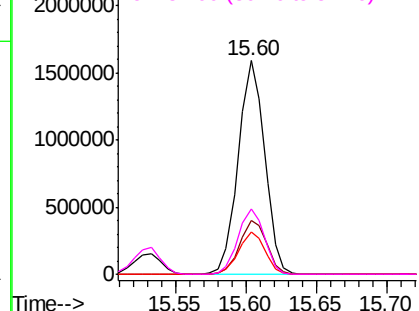
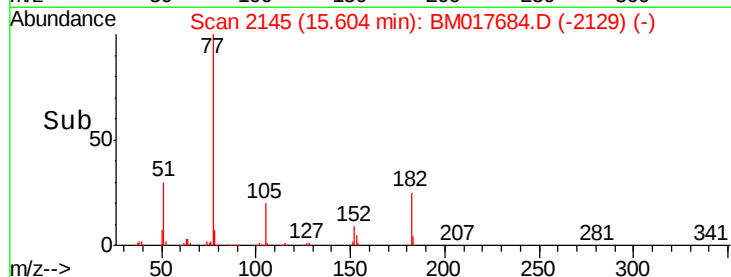


Abundance Ion 77.00 (76.70 to 77.70): BM017684.D (-2129) (-)

Ion 182.00 (181.70 to 182.70): BM017684.D (-2129) (-)

Ion 105.00 (104.70 to 105.70): BM017684.D (-2129) (-)

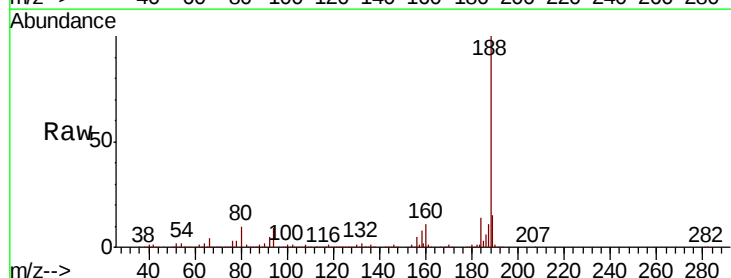
Ion 51.00 (50.70 to 51.70): BM017684.D (-2129) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.01 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

Tgt Ion: 188 Resp: 1300263

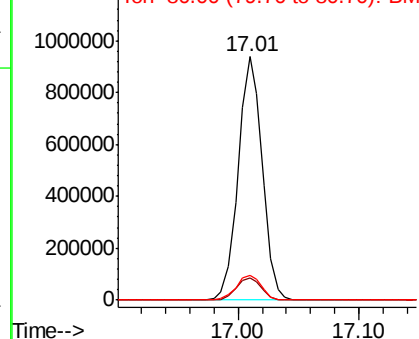
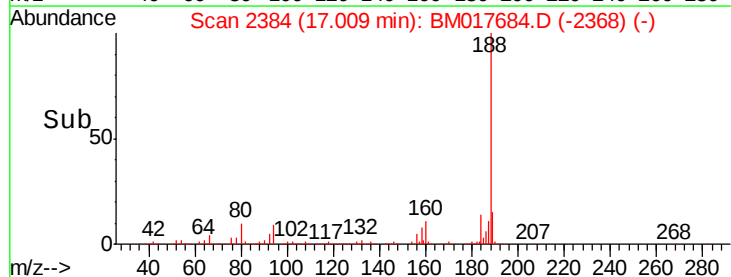
Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.5	11.3
80	10.4	8.6	13.0

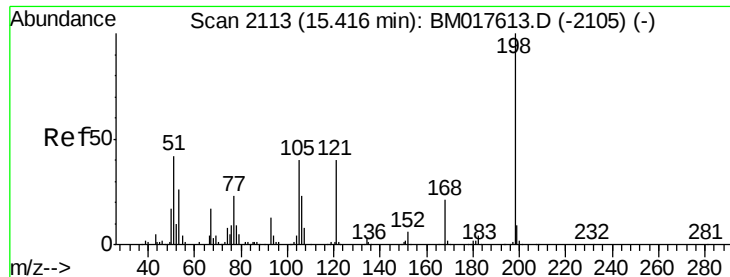


Abundance Ion 188.00 (187.70 to 188.70): BM017684.D (-2368) (-)

Ion 94.00 (93.70 to 94.70): BM017684.D (-2368) (-)

Ion 80.00 (79.70 to 80.70): BM017684.D (-2368) (-)

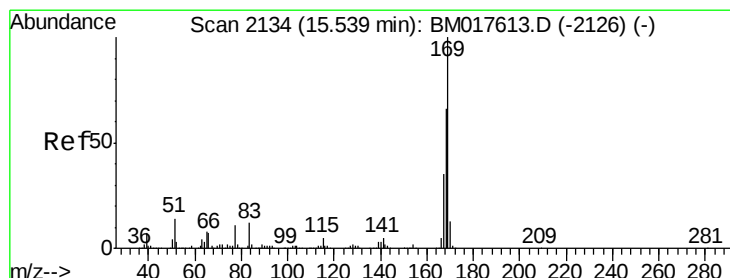
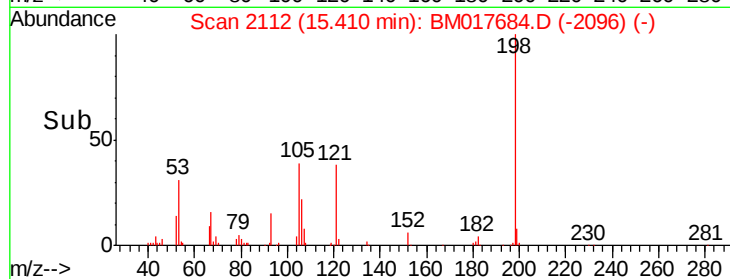
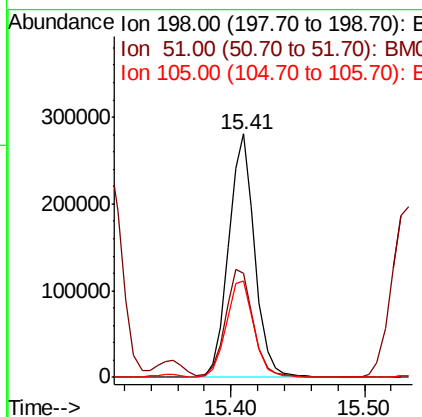
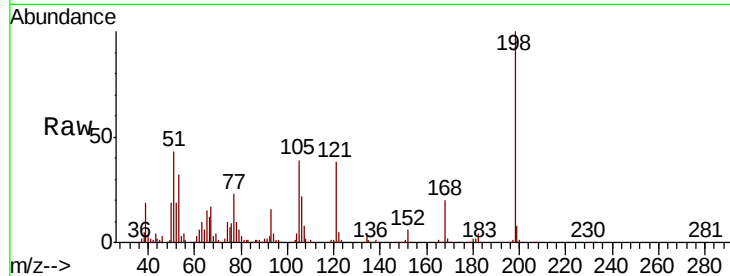




#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.556 ng
 RT: 15.41 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: BM017684.D
 Acq: 16 Nov 2018 17:19

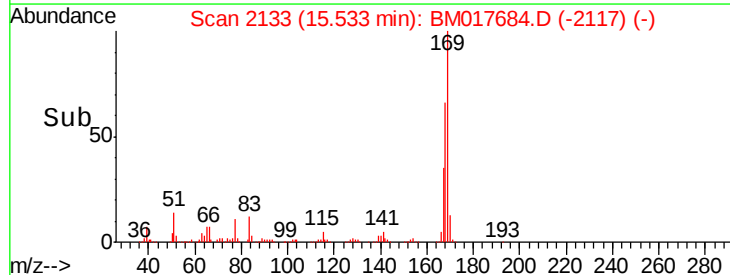
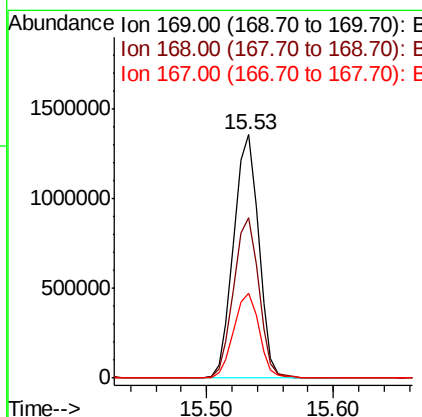
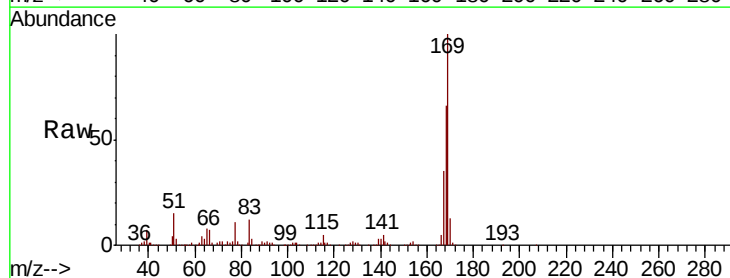
Instrument :
 BNA_M
 ClientSampleId :
 PB114860BS

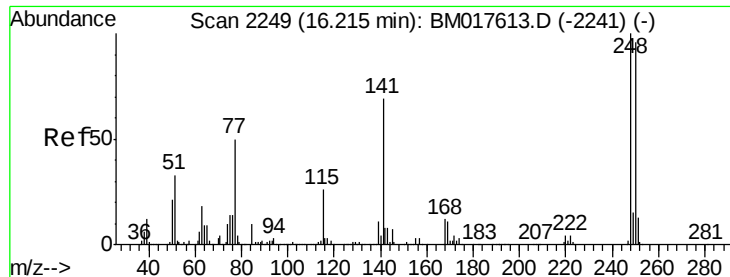
Tgt Ion	Ratio	Lower	Upper
198	100		
51	42.8	25.9	65.9
105	39.4	20.6	60.6



#66
 n-Nitrosodiphenylamine
 Concen: 44.177 ng
 RT: 15.53 min Scan# 2133
 Delta R.T. -0.01 min
 Lab File: BM017684.D
 Acq: 16 Nov 2018 17:19

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.0	53.0	79.6
167	34.8	28.0	42.0

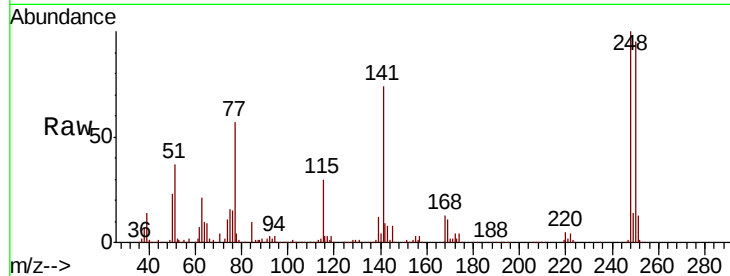




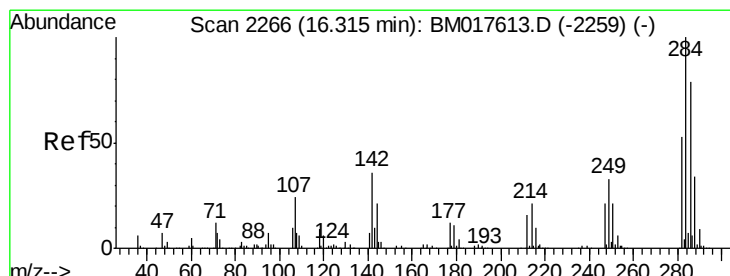
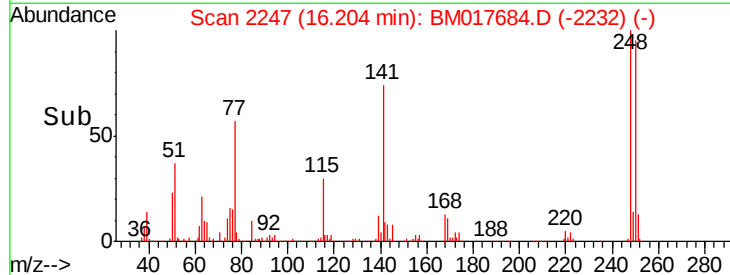
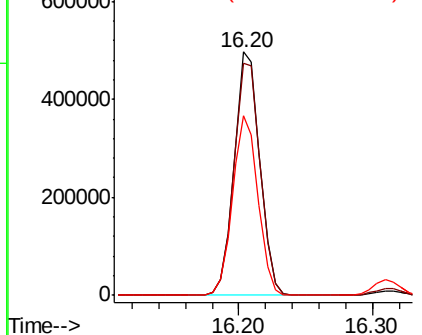
#67
 4-Bromophenyl-phenylether
 Concen: 43.069 ng
 RT: 16.20 min Scan# 2247
 Delta R.T. -0.01 min
 Lab File: BM017684.D
 Acq: 16 Nov 2018 17:19

Instrument :
 BNA_M
 ClientSampleId :
 PB114860BS

Tgt Ion: 248 Resp: 662326
 Ion Ratio Lower Upper
 248 100
 250 95.3 76.5 114.7
 141 73.8 54.9 82.3

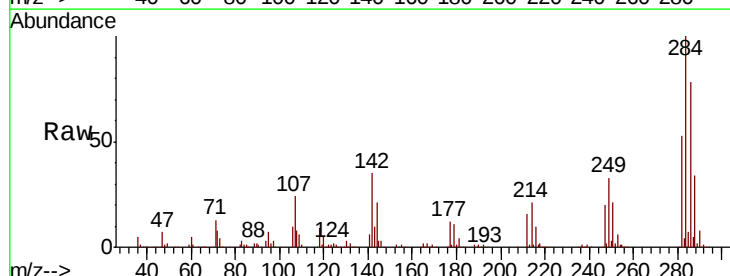


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

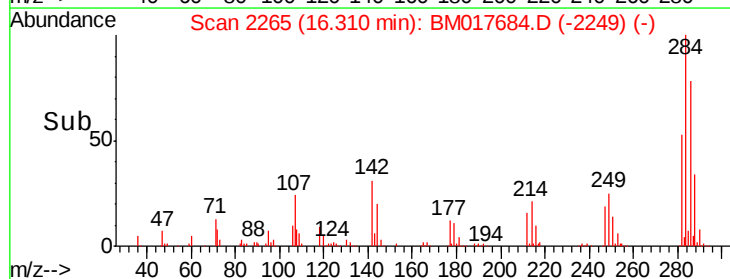
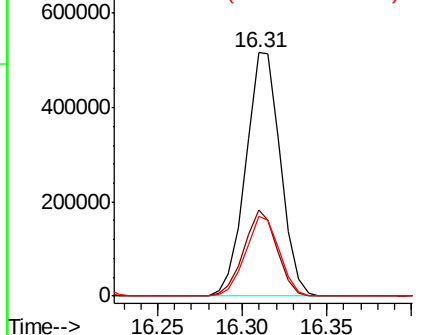


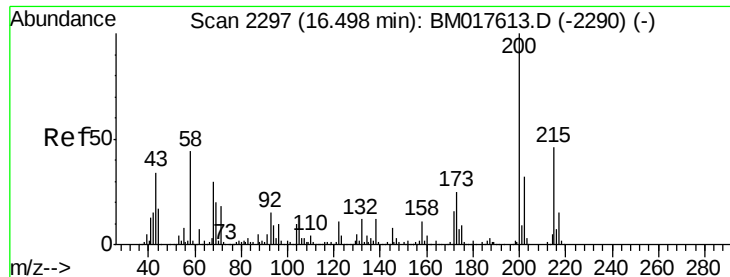
#68
 Hexachlorobenzene
 Concen: 42.489 ng
 RT: 16.31 min Scan# 2265
 Delta R.T. -0.01 min
 Lab File: BM017684.D
 Acq: 16 Nov 2018 17:19

Tgt Ion: 284 Resp: 736589
 Ion Ratio Lower Upper
 284 100
 142 35.5 28.4 42.6
 249 32.5 26.4 39.6



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





#69

Atrazine

Concen: 44.339 ng

RT: 16.50 min Scan# 2297

Delta R.T. -0.00 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

Instrument :

BNA_M

ClientSampleId :

PB114860BS

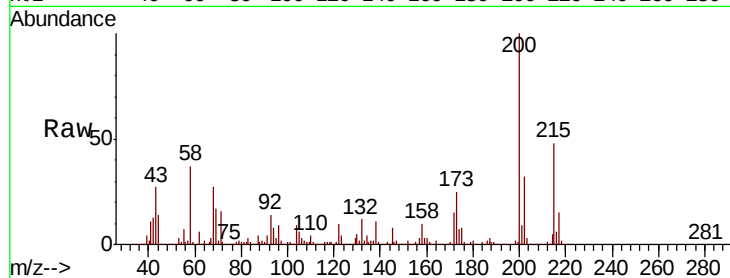
Tgt Ion:200 Resp: 681752

Ion Ratio Lower Upper

200 100

173 25.2 5.1 45.1

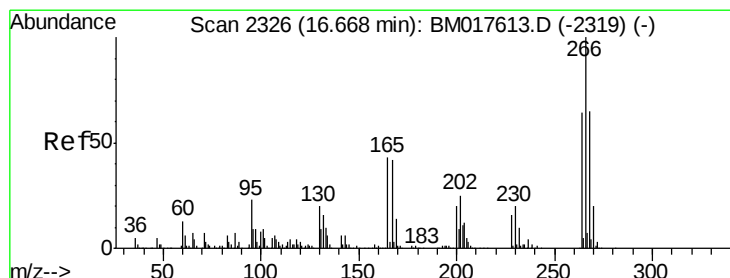
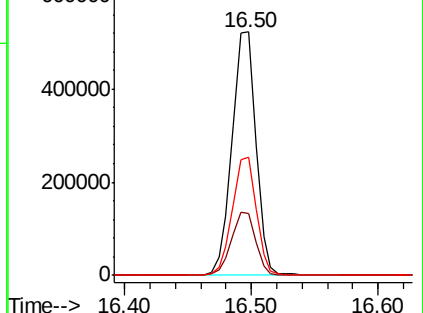
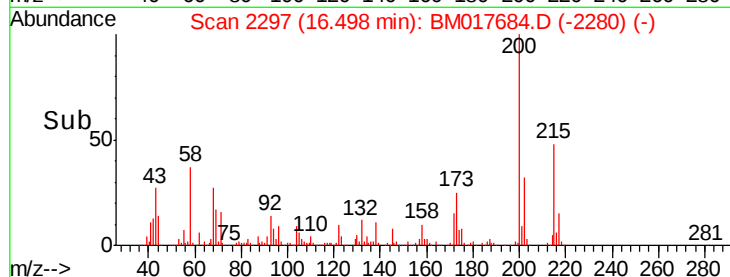
215 48.3 25.8 65.8



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: 77.800 ng

RT: 16.66 min Scan# 2325

Delta R.T. -0.01 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

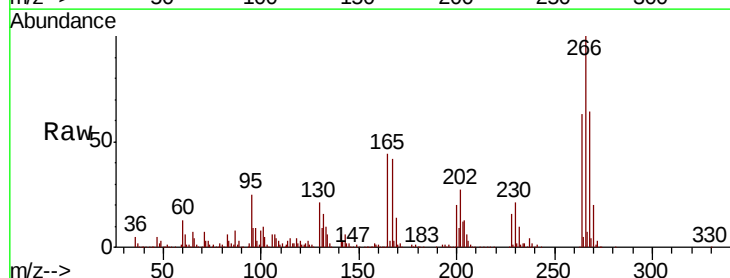
Tgt Ion:266 Resp: 945036

Ion Ratio Lower Upper

266 100

268 64.1 51.7 77.5

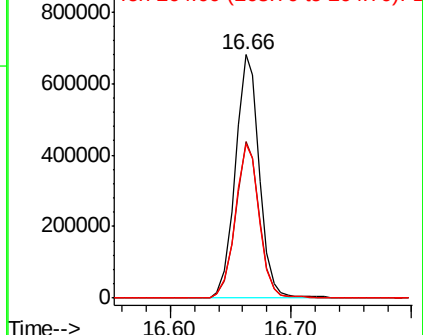
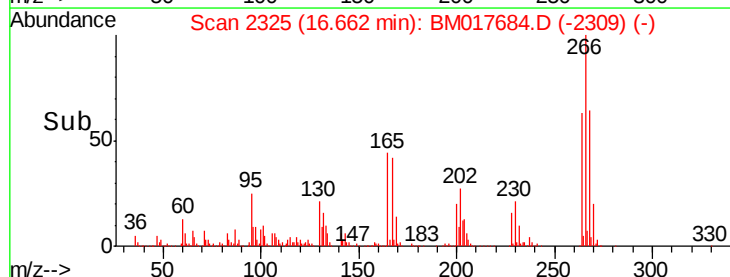
264 63.1 51.3 76.9

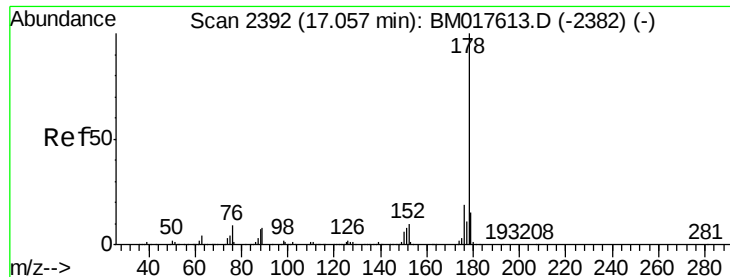


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

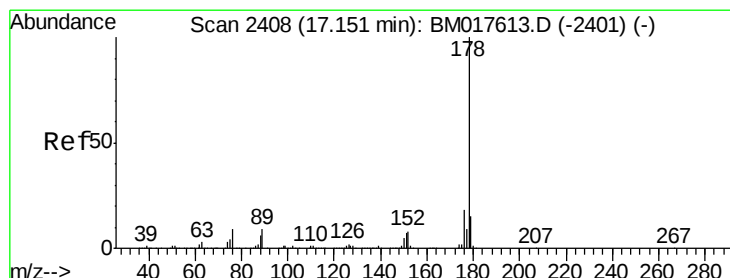
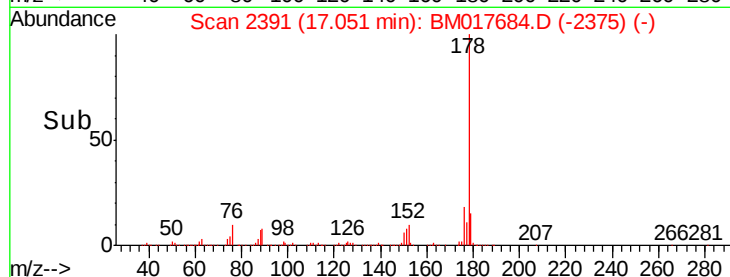
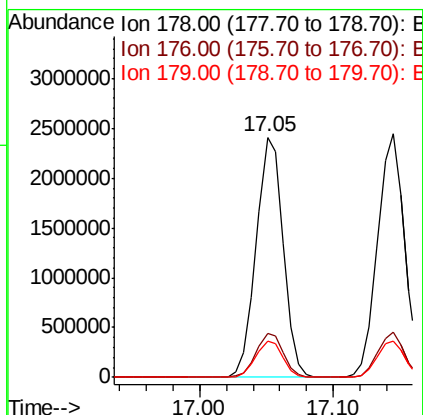
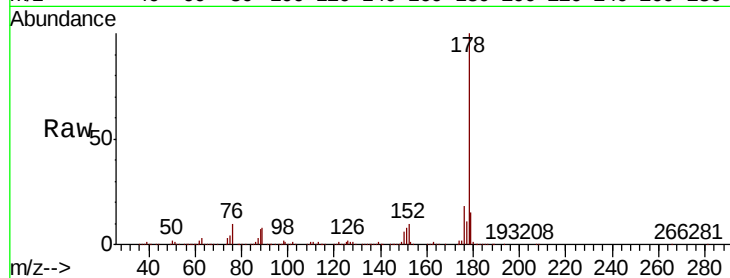




#71
Phenanthrene
Concen: 47.348 ng
RT: 17.05 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

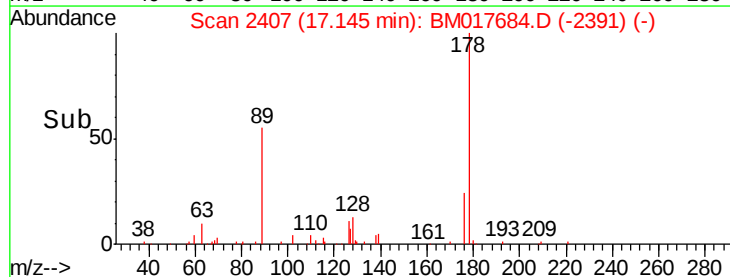
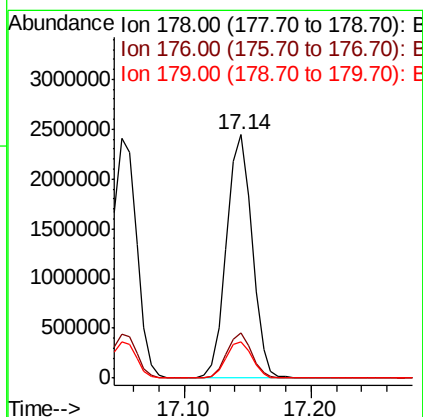
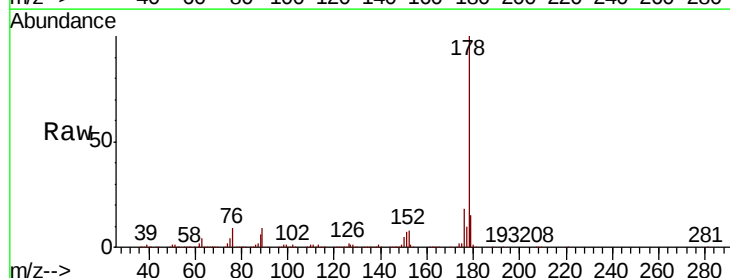
Instrument :
BNA_M
ClientSampleId :
PB114860BS

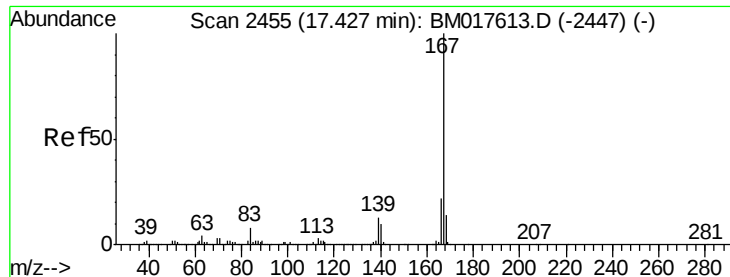
Tgt Ion:178 Resp: 3340642
Ion Ratio Lower Upper
178 100
176 18.3 15.0 22.4
179 15.4 12.4 18.6



#72
Anthracene
Concen: 49.573 ng
RT: 17.14 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

Tgt Ion:178 Resp: 3403517
Ion Ratio Lower Upper
178 100
176 18.4 14.5 21.7
179 15.0 12.3 18.5

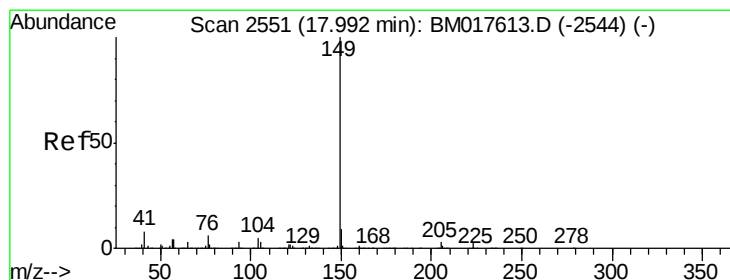
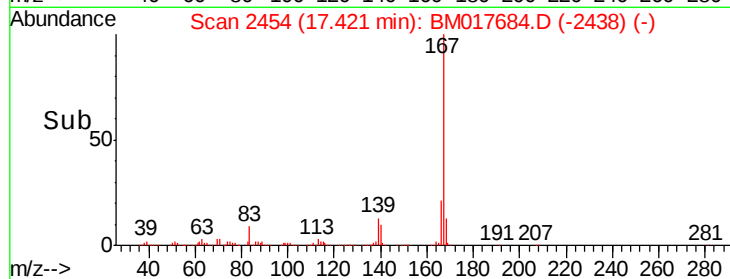
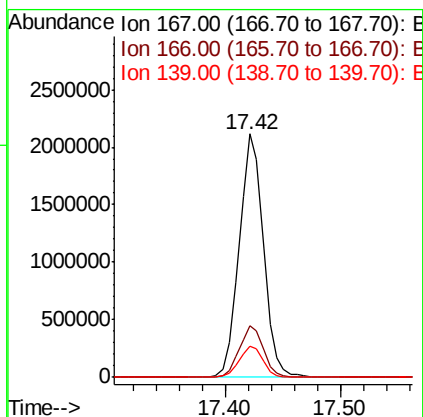
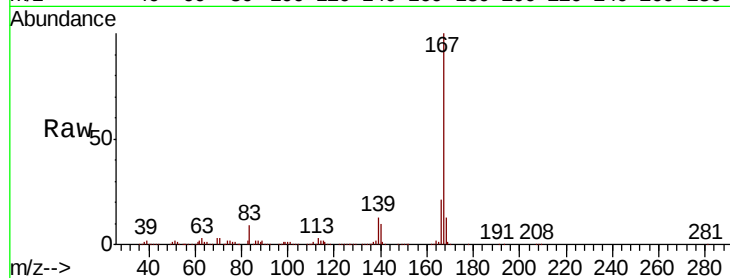




#73
 Carbazole
 Concen: 44.269 ng
 RT: 17.42 min Scan# 2454
 Delta R.T. -0.01 min
 Lab File: BM017684.D
 Acq: 16 Nov 2018 17:19

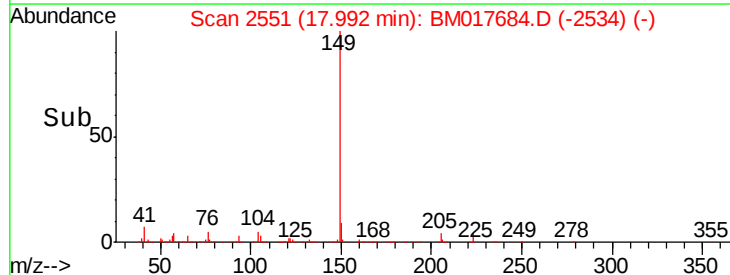
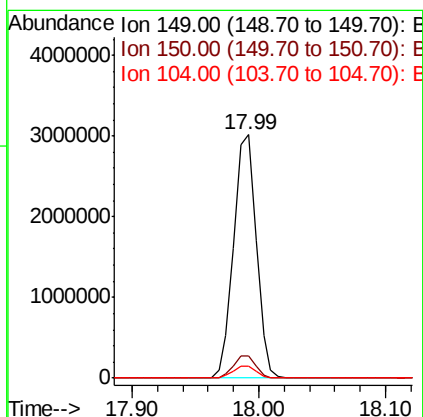
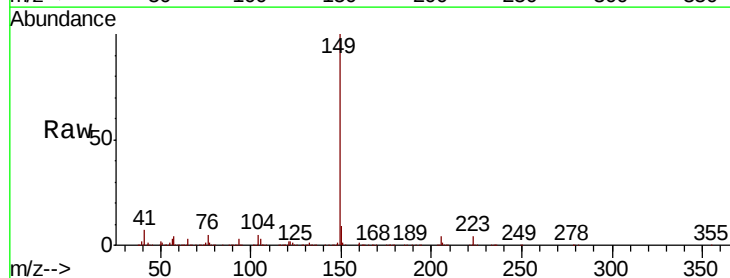
Instrument :
 BNA_M
 ClientSampled :
 PB114860BS

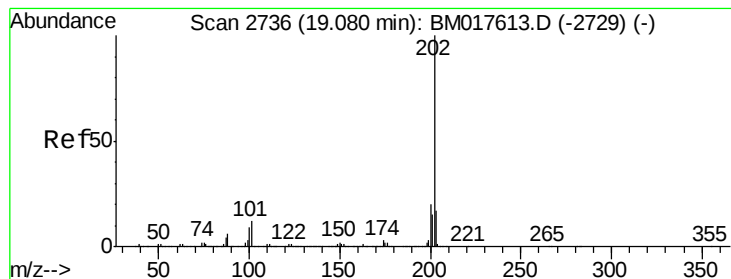
Tgt Ion:167 Resp: 3071224
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.2 25.8
 139 12.9 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 48.097 ng
 RT: 17.99 min Scan# 2551
 Delta R.T. -0.00 min
 Lab File: BM017684.D
 Acq: 16 Nov 2018 17:19

Tgt Ion:149 Resp: 3714508
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 4.9 4.3 6.5





#75

Fluoranthene

Concen: 48.595 ng

RT: 19.08 min Scan# 2736

Delta R.T. -0.00 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

Instrument :

BNA_M

ClientSampleId :

PB114860BS

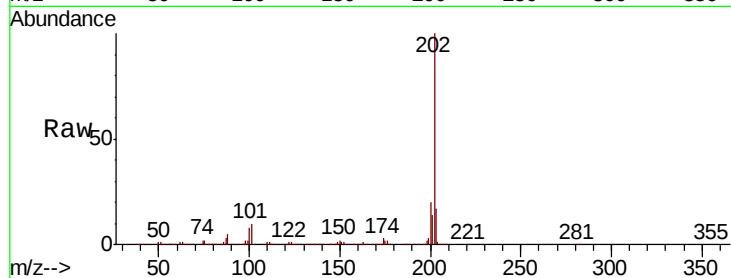
Tgt Ion:202 Resp: 3879345

Ion Ratio Lower Upper

202 100

101 10.4 0.0 31.5

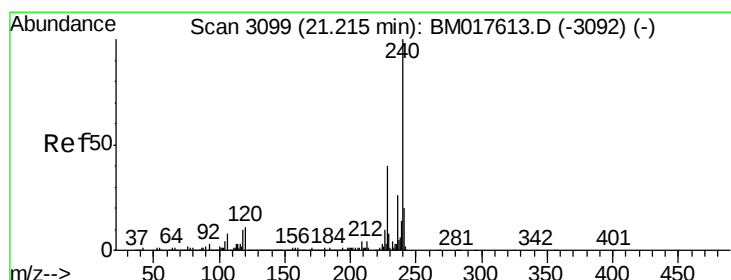
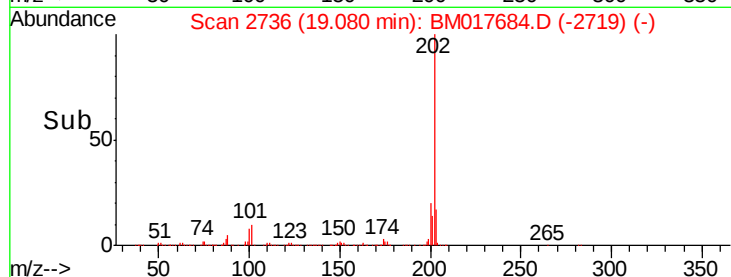
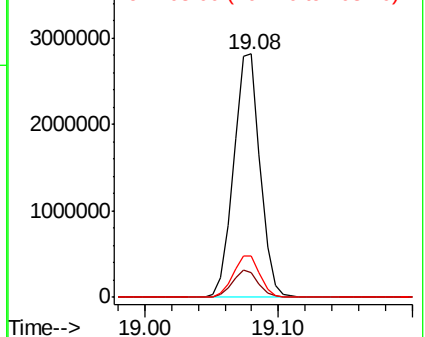
203 17.1 0.0 37.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.22 min Scan# 3099

Delta R.T. -0.00 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

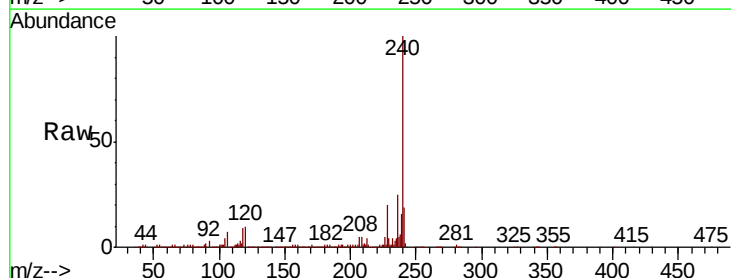
Tgt Ion:240 Resp: 1384794

Ion Ratio Lower Upper

240 100

120 9.6 8.5 12.7

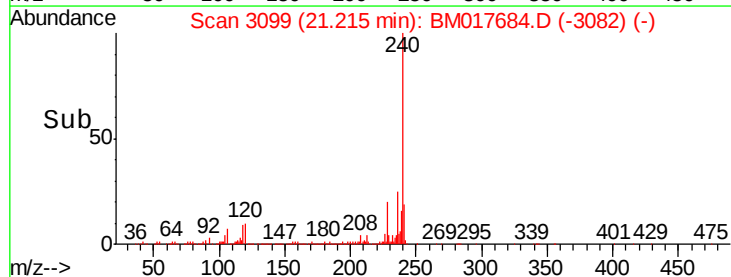
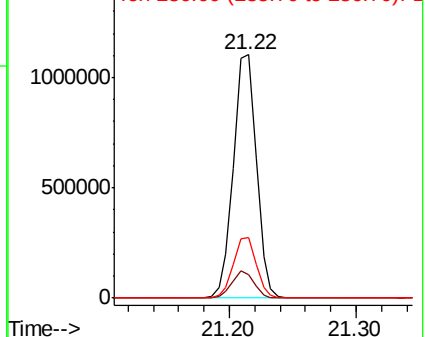
236 25.1 20.4 30.6

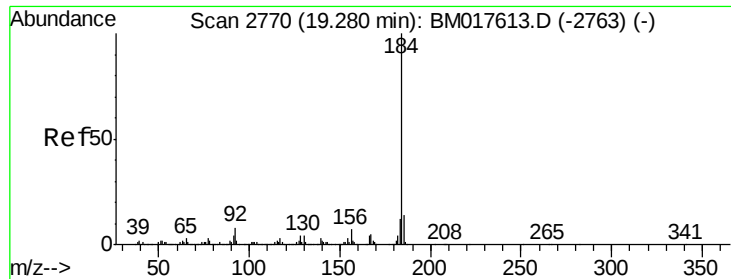


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 27.904 ng

RT: 19.28 min Scan# 2770

Delta R.T. -0.00 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

Instrument :

BNA_M

ClientSampleId :

PB114860BS

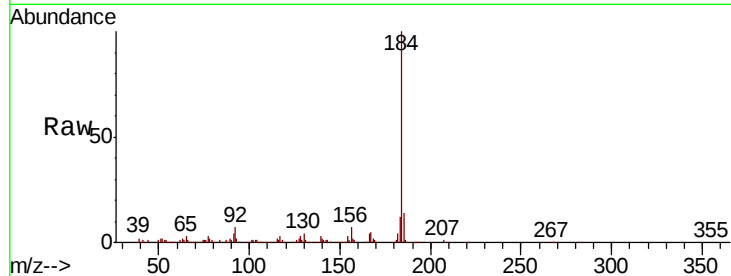
Tgt Ion:184 Resp: 1258326

Ion Ratio Lower Upper

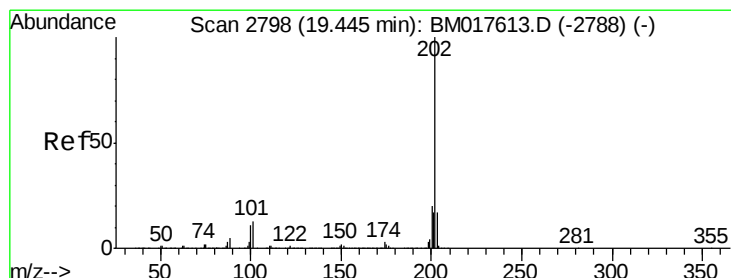
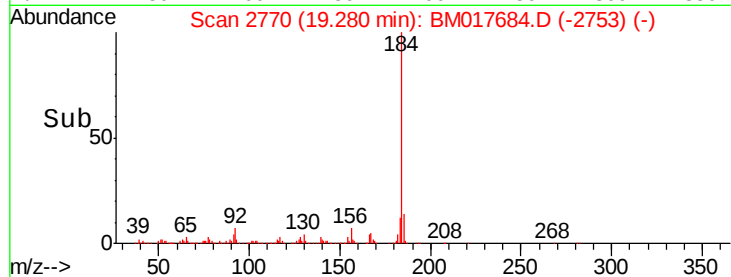
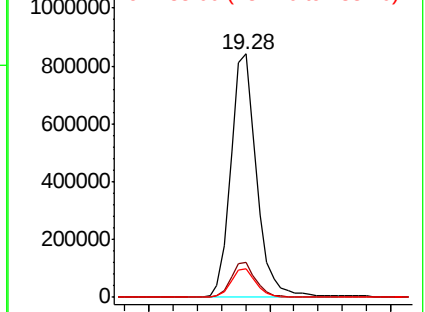
184 100

185 14.2 11.2 16.8

183 11.6 9.5 14.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.741 ng

RT: 19.44 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

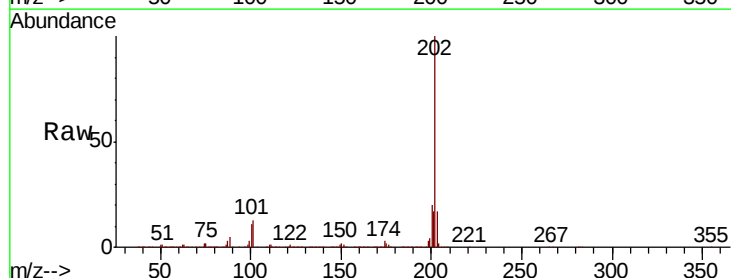
Tgt Ion:202 Resp: 3993736

Ion Ratio Lower Upper

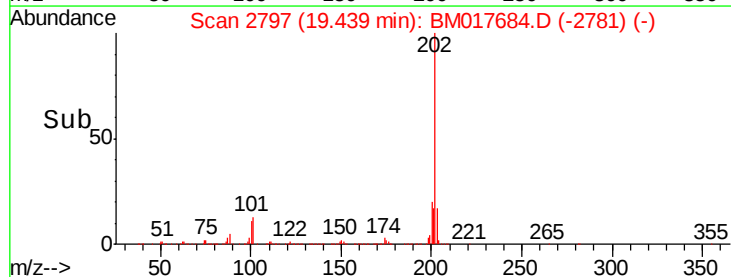
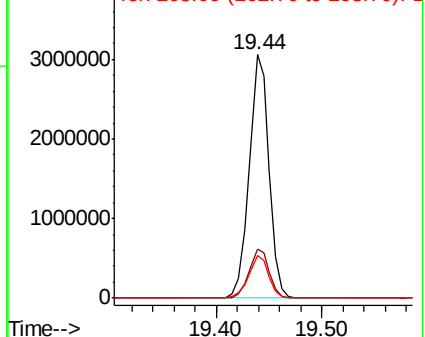
202 100

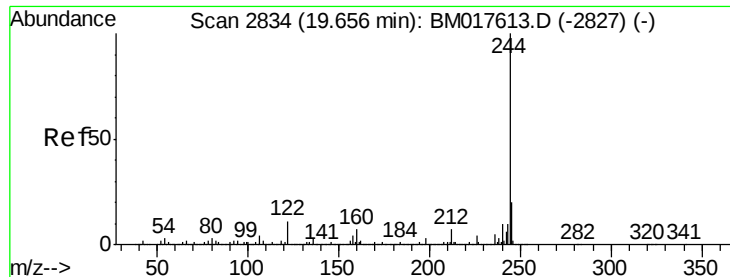
200 20.3 16.4 24.6

203 17.4 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: 92.825 ng

RT: 19.65 min Scan# 2833

Delta R.T. -0.01 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

Instrument :

BNA_M

ClientSampleId :

PB114860BS

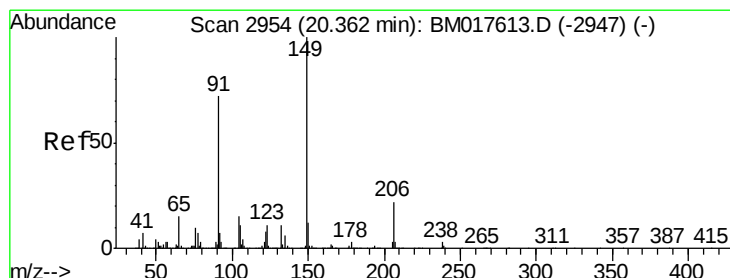
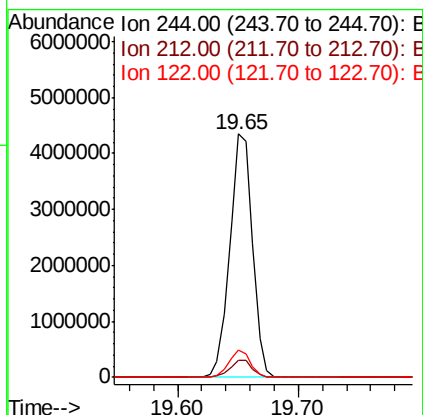
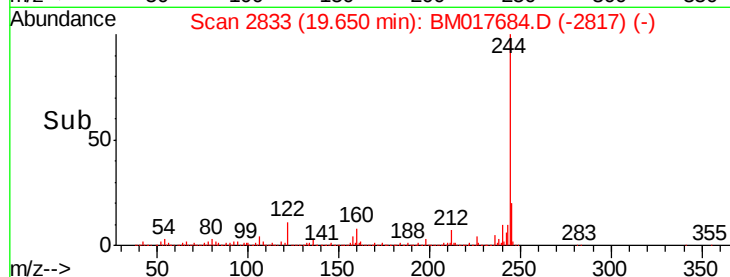
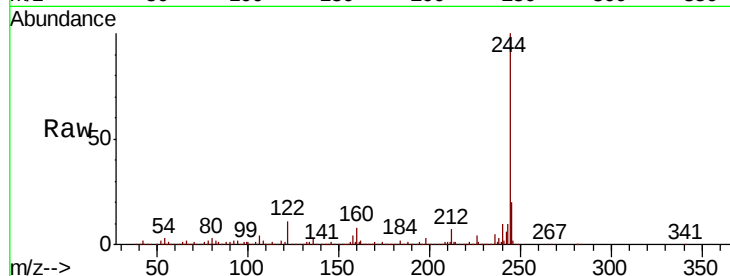
Tgt Ion:244 Resp: 5671680

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 11.3 9.0 13.6



#80

Butylbenzylphthalate

Concen: 48.502 ng

RT: 20.36 min Scan# 2953

Delta R.T. -0.01 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

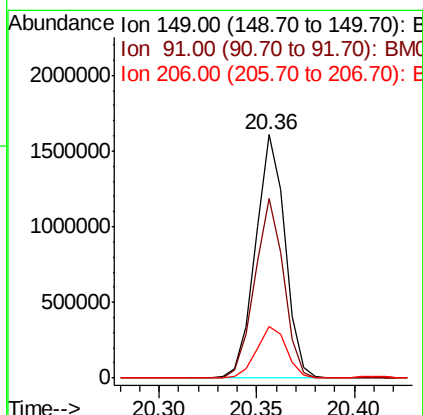
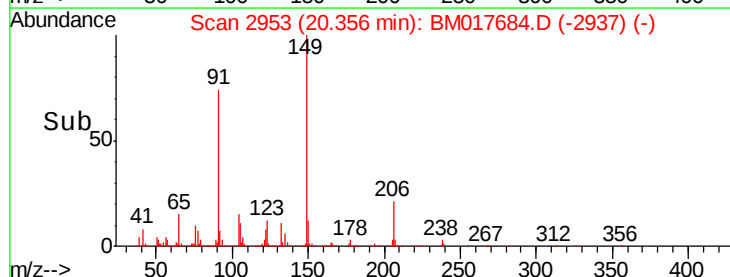
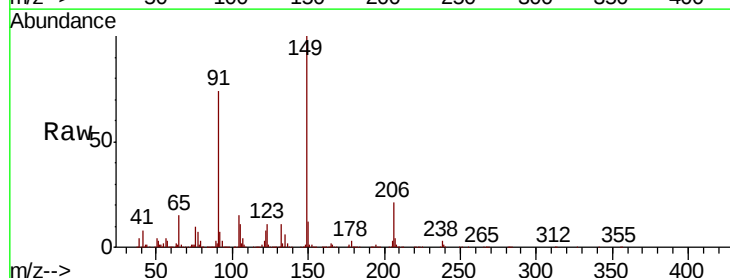
Tgt Ion:149 Resp: 1683189

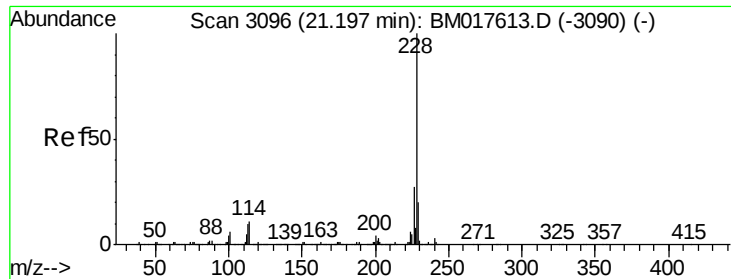
Ion Ratio Lower Upper

149 100

91 73.8 57.6 86.4

206 21.0 17.4 26.0

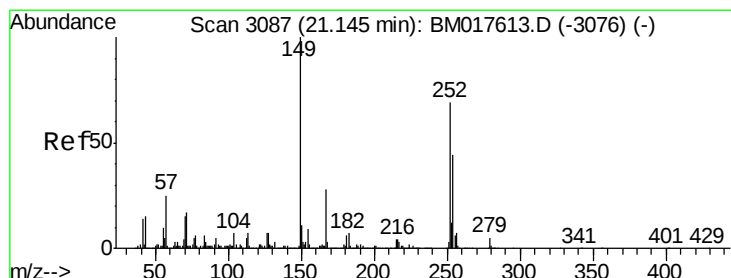
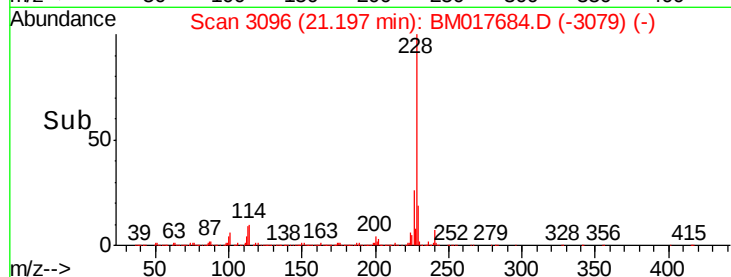
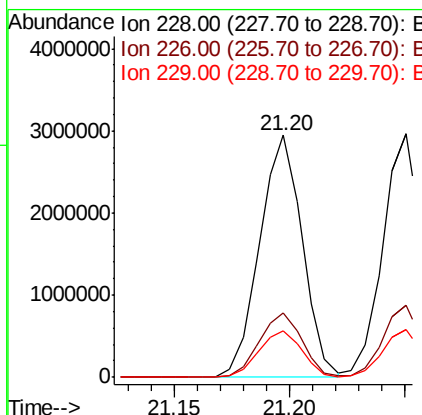
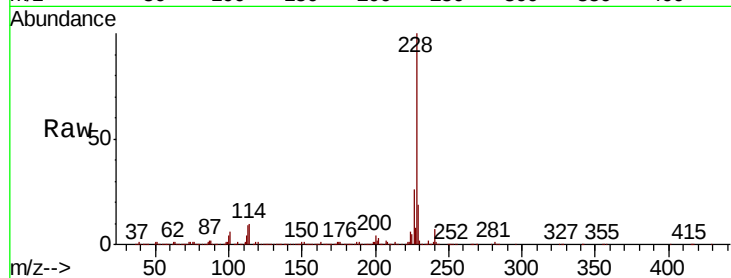




#81
Benzo(a)anthracene
Concen: 47.403 ng
RT: 21.20 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

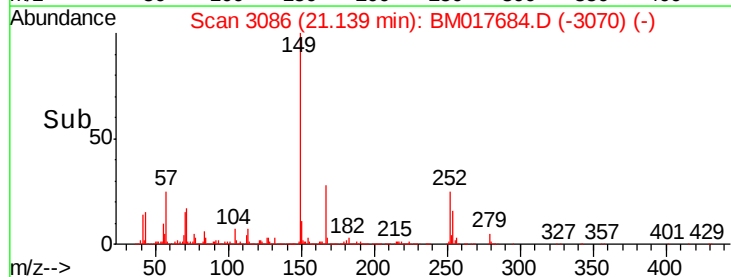
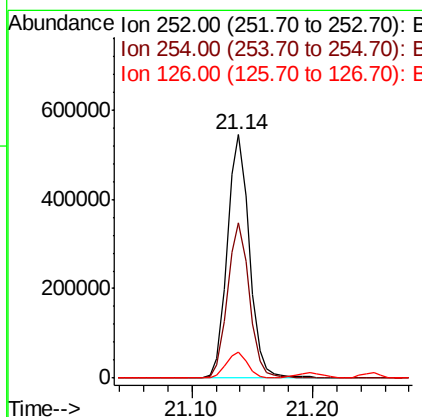
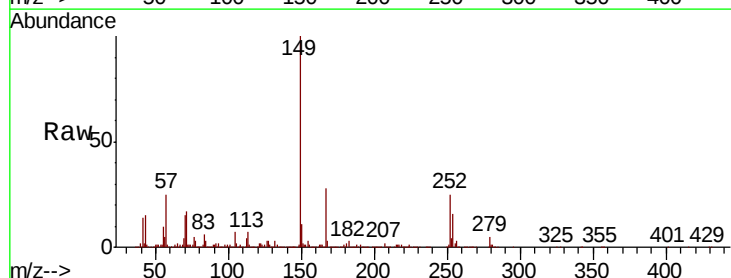
Instrument :
BNA_M
ClientSampleId :
PB114860BS

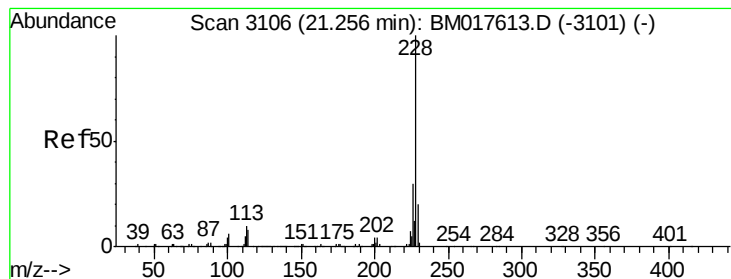
Tgt Ion: 228 Resp: 3781799
Ion Ratio Lower Upper
228 100
226 26.4 21.3 31.9
229 19.5 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 22.548 ng
RT: 21.14 min Scan# 3086
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

Tgt Ion: 252 Resp: 694272
Ion Ratio Lower Upper
252 100
254 63.8 51.4 77.2
126 10.6 8.0 12.0





#83

Chrysene

Concen: 45.819 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

Instrument :

BNA_M

ClientSampleId :

PB114860BS

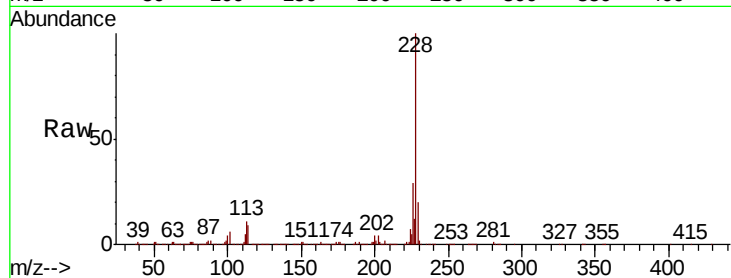
Tgt Ion: 228 Resp: 3550396

Ion Ratio Lower Upper

228 100

226 29.5 23.6 35.4

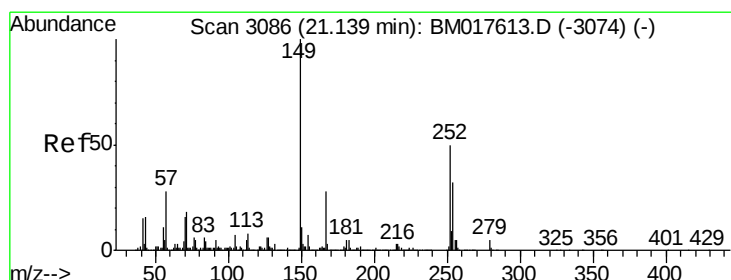
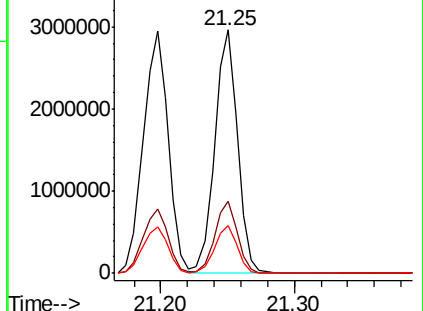
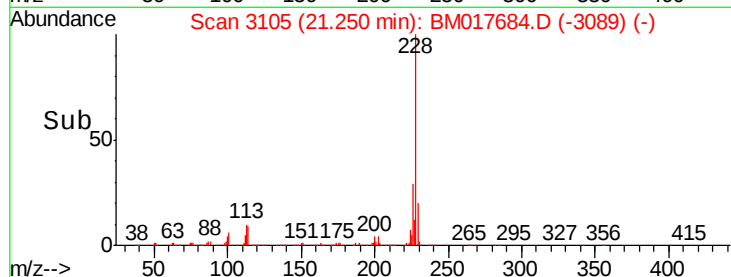
229 19.6 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.459 ng

RT: 21.14 min Scan# 3086

Delta R.T. -0.00 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

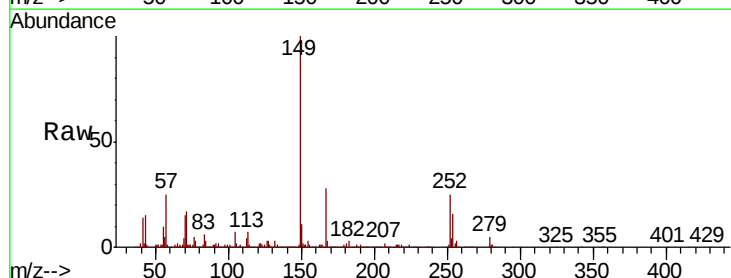
Tgt Ion: 149 Resp: 2383495

Ion Ratio Lower Upper

149 100

167 28.0 22.2 33.4

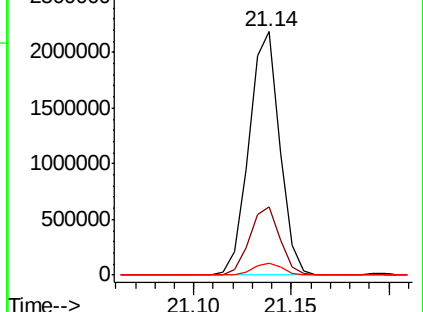
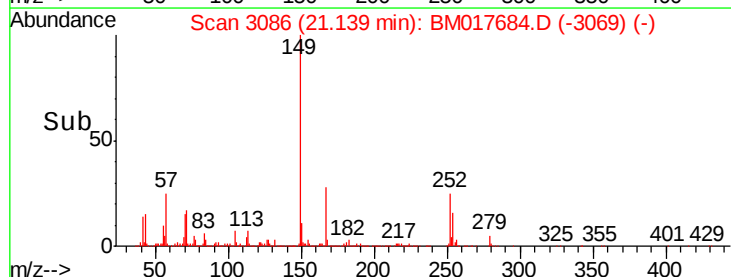
279 4.8 3.7 5.5

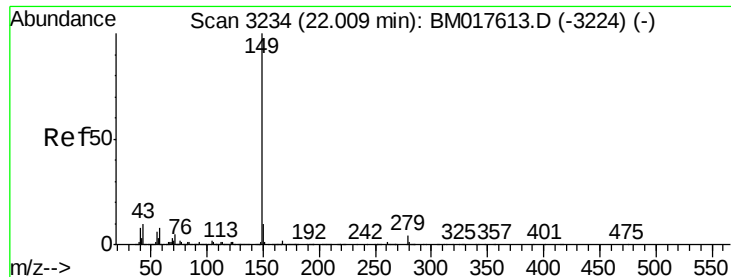


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 49.084 ng

RT: 22.00 min Scan# 3233

Delta R.T. -0.01 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

Instrument :

BNA_M

ClientSampleId :

PB114860BS

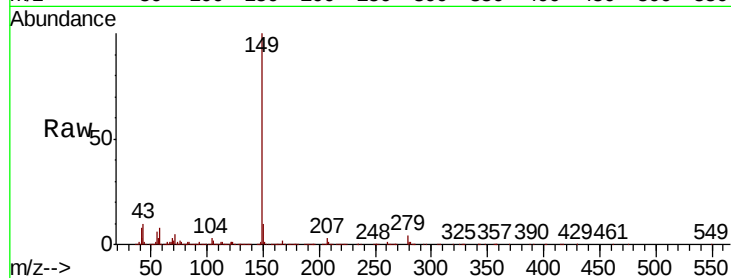
Tgt Ion:149 Resp: 4032259

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

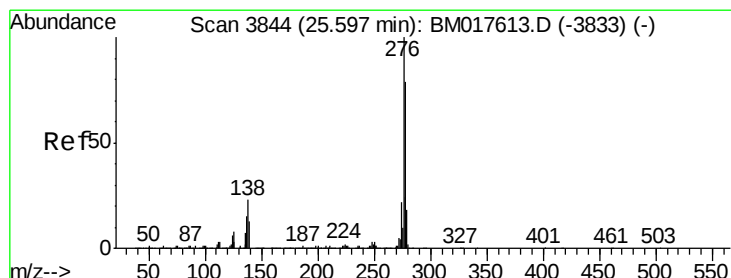
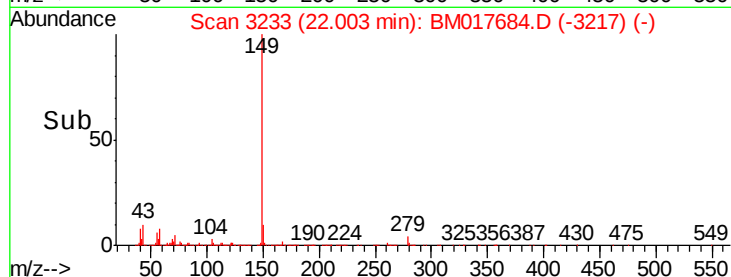
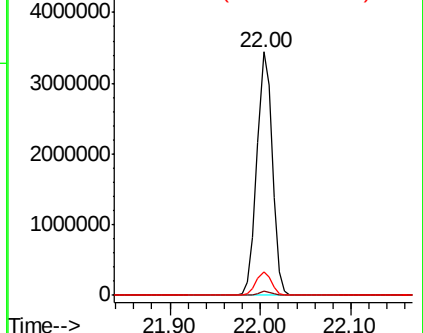
43 9.7 8.3 12.5



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: 51.512 ng

RT: 25.59 min Scan# 3843

Delta R.T. -0.01 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

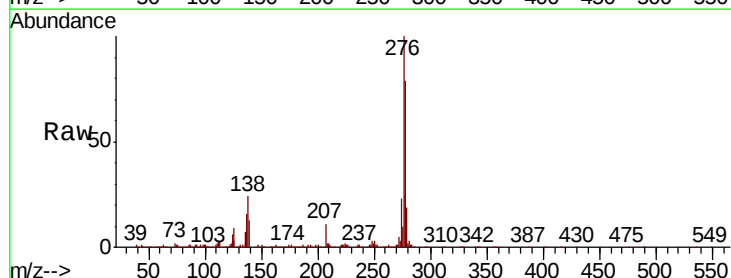
Tgt Ion:276 Resp: 3189698

Ion Ratio Lower Upper

276 100

138 23.4 19.1 28.7

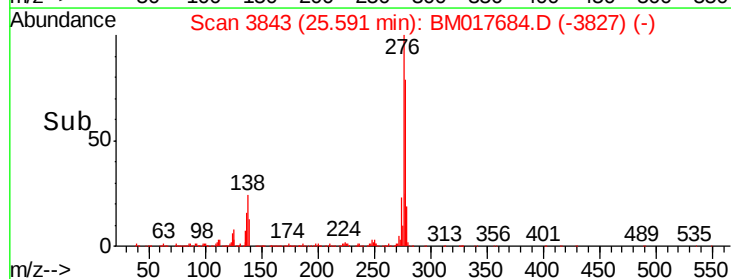
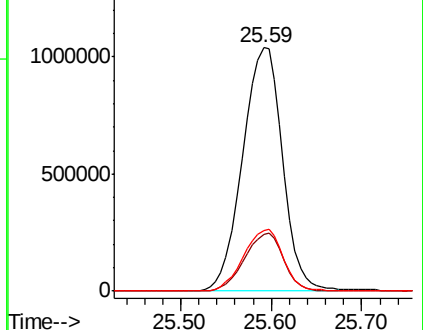
277 25.2 20.0 30.0

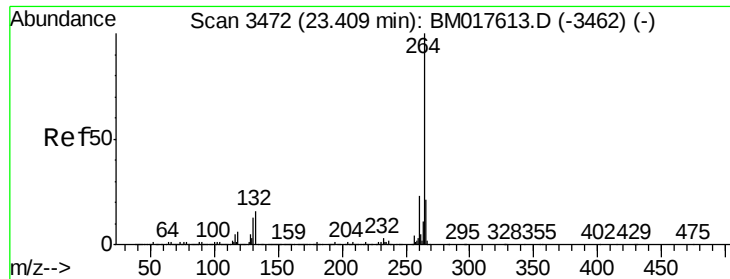


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.40 min Scan# 3471

Delta R.T. -0.01 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

Instrument :

BNA_M

ClientSampleId :

PB114860BS

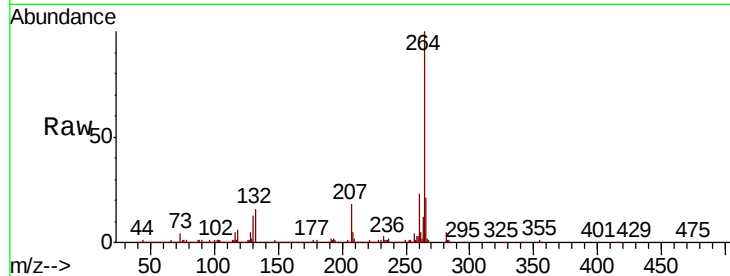
Tgt Ion:264 Resp: 1177348

Ion Ratio Lower Upper

264 100

260 23.1 18.2 27.2

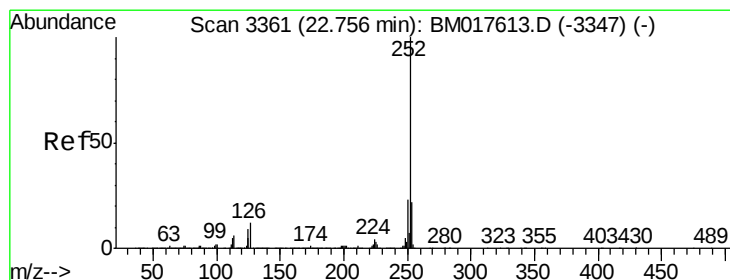
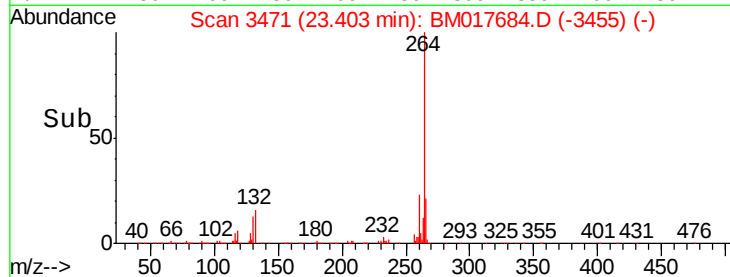
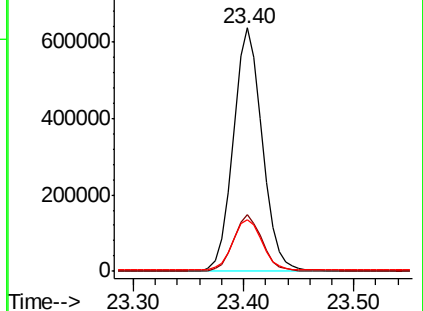
265 21.4 17.5 26.3



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: 50.546 ng

RT: 22.75 min Scan# 3360

Delta R.T. -0.01 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

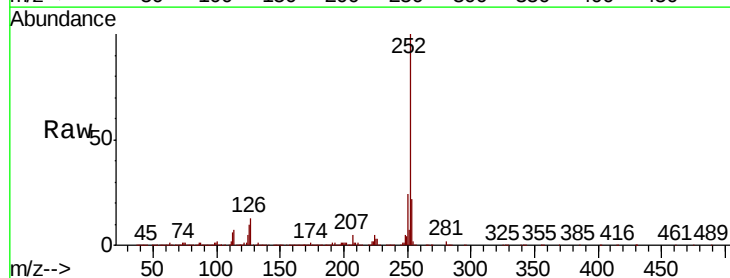
Tgt Ion:252 Resp: 3485090

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

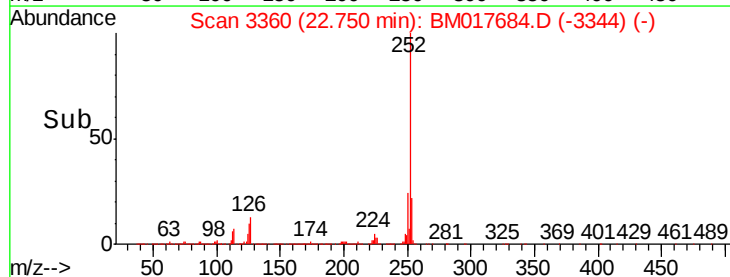
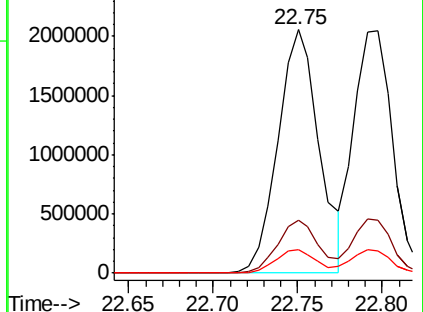
125 9.8 7.6 11.4

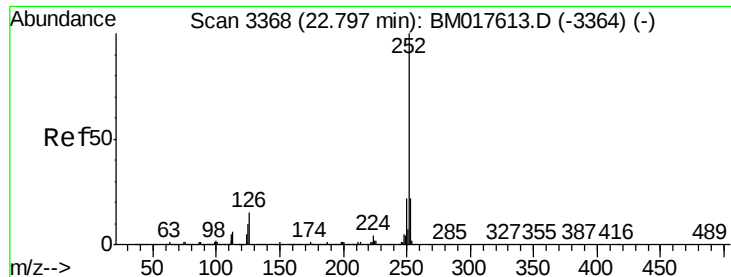


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 46.492 ng

RT: 22.80 min Scan# 3368

Delta R.T. -0.00 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

Instrument :

BNA_M

ClientSampleId :

PB114860BS

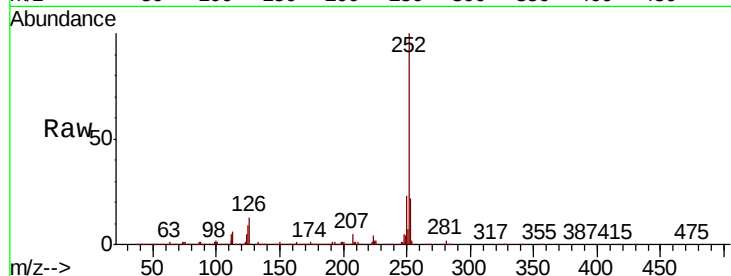
Tgt Ion:252 Resp: 3240033

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

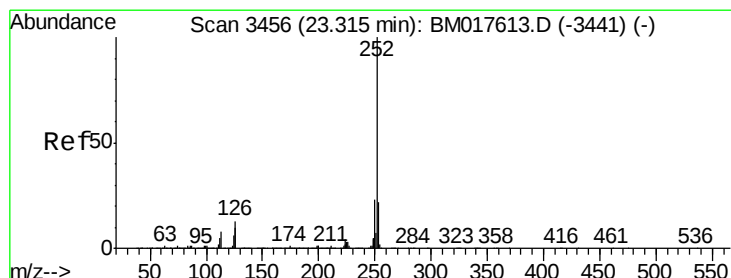
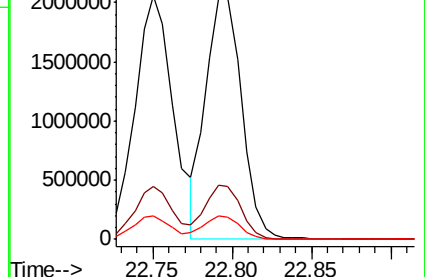
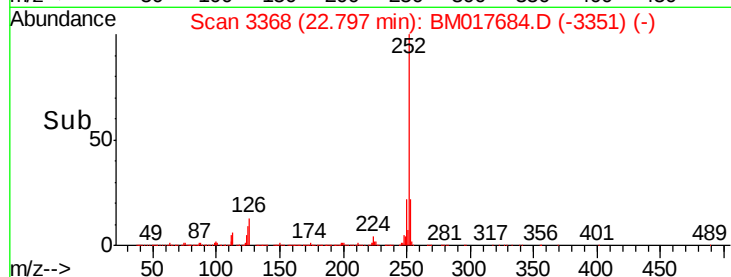
125 9.3 7.9 11.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 49.847 ng

RT: 23.31 min Scan# 3455

Delta R.T. -0.01 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

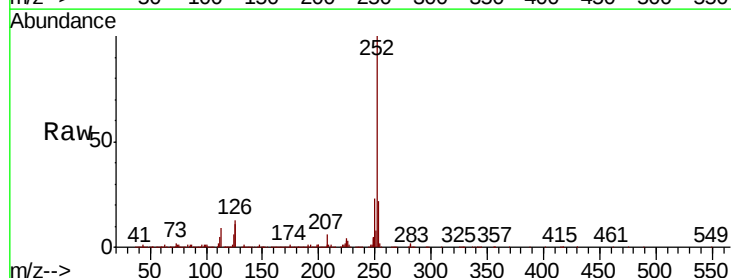
Tgt Ion:252 Resp: 3133780

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

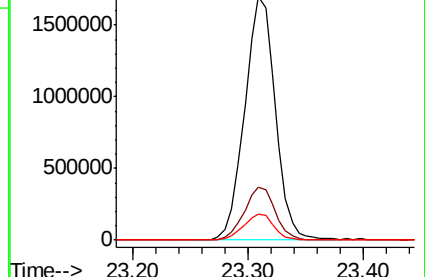
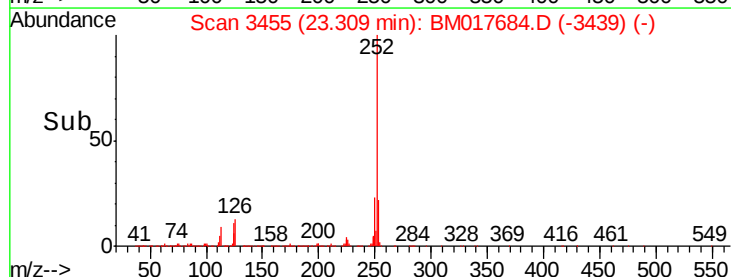
125 10.8 8.2 12.2

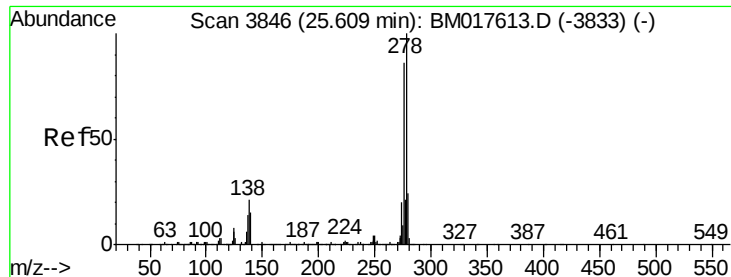


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 50.976 ng

RT: 25.60 min Scan# 3845

Delta R.T. -0.01 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

Instrument :

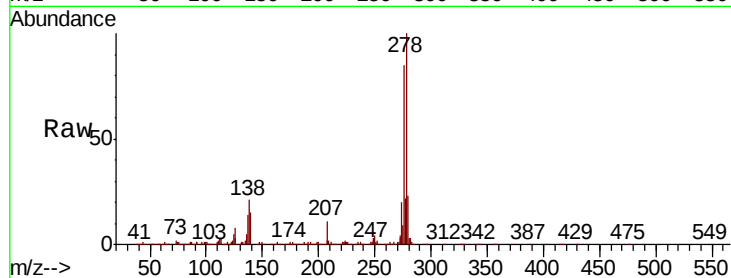
BNA_M

ClientSampleId :

PB114860BS

Tgt Ion:278 Resp: 2694226

Ion	Ratio	Lower	Upper
278	100		
139	14.8	11.8	17.6
279	23.4	19.0	28.6

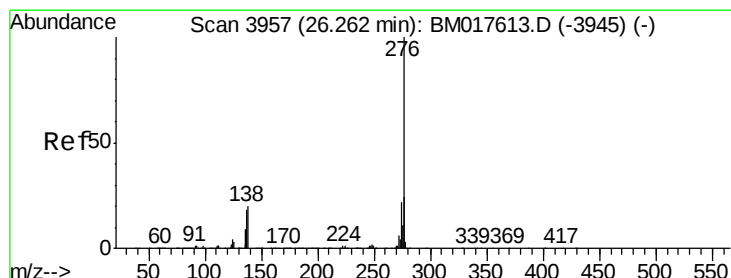
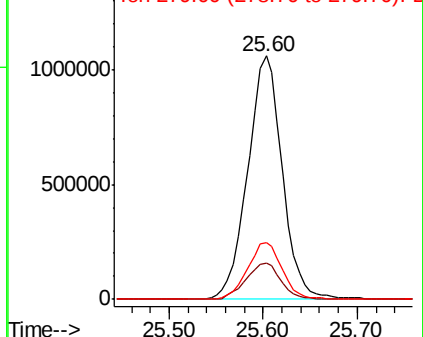
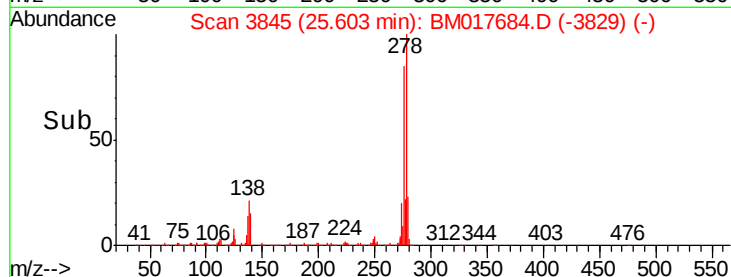


Abundance

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: 52.048 ng

RT: 26.26 min Scan# 3956

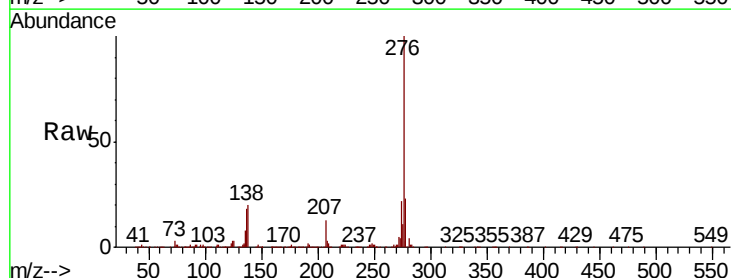
Delta R.T. -0.01 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

Tgt Ion:276 Resp: 2586853

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.0	28.4
138	19.5	15.9	23.9



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

