

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111618\
 Data File : BM017673.D
 Acq On : 16 Nov 2018 10:42
 Operator : MJ/SJ
 Sample : PB114851BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 16 13:33:15 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	222732	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	938600	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	563805	20.00	ng	0.00
64) Phenanthrene-d10	17.01	188	1304000	20.00	ng	0.00
76) Chrysene-d12	21.21	240	1410953	20.00	ng	0.00
87) Perylene-d12	23.40	264	1212943	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	1428513	108.24	ng	0.00
7) Phenol-d6	6.80	99	1962855	106.49	ng	0.00
23) Nitrobenzene-d5	8.76	82	1210009	66.55	ng	-0.01
42) 2,4,6-Tribromophenol	15.76	330	866963	107.02	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	2935110	67.54	ng	0.00
79) Terphenyl-d14	19.66	244	4648080	74.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	144452	26.280	ng	96
3) Pyridine	3.61	79	438697	27.209	ng	95
4) n-Nitrosodimethylamine	3.53	42	234724	33.049	ng	96
6) Aniline	6.96	93	397226	17.378	ng	99
8) 2-Chlorophenol	7.18	128	548602	34.733	ng	99
9) Benzaldehyde	6.77	77	308621	22.984	ng	99
10) Phenol	6.83	94	683499	35.328	ng	99
11) bis(2-Chloroethyl)ether	7.05	93	469004	30.707	ng	98
12) 1,3-Dichlorobenzene	7.50	146	536030	30.249	ng	98
13) 1,4-Dichlorobenzene	7.65	146	557215	30.677	ng	98
14) 1,2-Dichlorobenzene	7.96	146	537612	30.525	ng	99
15) Benzyl Alcohol	7.86	79	482955	32.900	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.13	45	641733	27.596	ng	96
17) 2-Methylphenol	8.06	107	457055	35.068	ng	99
18) Hexachloroethane	8.67	117	199338	31.138	ng	99
19) n-Nitroso-di-n-propylamine	8.42	70	410075	30.984	ng	97
20) 3+4-Methylphenols	8.39	107	630152	34.798	ng	99
22) Acetophenone	8.43	105	788756	33.670	ng	# 98
24) Nitrobenzene	8.80	77	609160	33.023	ng	99
25) Isophorone	9.33	82	1074108	38.250	ng	99
26) 2-Nitrophenol	9.51	139	288642	33.971	ng	99
27) 2,4-Dimethylphenol	9.57	122	504646	41.211	ng	99
28) bis(2-Chloroethoxy)methane	9.81	93	684172	35.973	ng	99
29) 2,4-Dichlorophenol	10.04	162	532736	37.478	ng	100
30) 1,2,4-Trichlorobenzene	10.25	180	541472	32.752	ng	96
31) Naphthalene	10.43	128	1644725	35.640	ng	99
32) Benzoic acid	9.73	122	303243	27.338	ng	97
33) 4-Chloroaniline	10.56	127	167443	8.285	ng	96
34) Hexachlorobutadiene	10.70	225	316695	30.856	ng	99
35) Caprolactam	11.35	113	94719	18.094	ng	95
36) 4-Chloro-3-methylphenol	11.69	107	600467	36.588	ng	99
37) 2-Methylnaphthalene	12.05	142	1229676	37.702	ng	99
38) 1-Methylnaphthalene	12.27	142	1184387	37.035	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.42	216	645400	32.463	ng	98

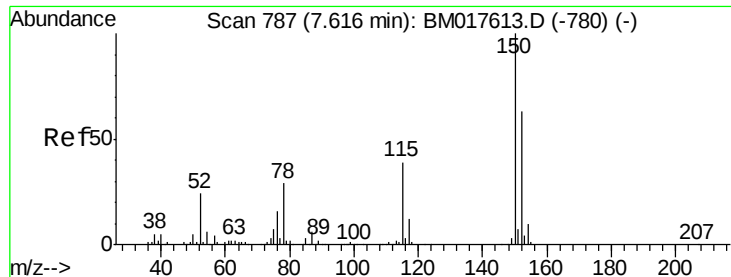
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111618\
 Data File : BM017673.D
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Quant Time: Nov 16 13:33:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 18:37:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	803219	78.185	nq	99
43) 2,4,6-Trichlorophenol	12.67	196	445048	35.738	nq	97
44) 2,4,5-Trichlorophenol	12.75	196	475171	36.138	nq	98
46) 1,1'-Biphenyl	13.08	154	1614784	31.908	nq	99
47) 2-Chloronaphthalene	13.12	162	1251716	33.323	nq	99
48) 2-Nitroaniline	13.34	65	399812	34.417	nq	100
49) Acenaphthylene	13.97	152	2070638	36.689	nq	100
50) Dimethylphthalate	13.73	163	1617269	35.281	nq	99
51) 2,6-Dinitrotoluene	13.85	165	362044	35.469	nq	97
52) Acenaphthene	14.32	154	1197556	34.576	nq	99
53) 3-Nitroaniline	14.18	138	179603	16.161	nq	94
54) 2,4-Dinitrophenol	14.39	184	391200	64.309	nq	98
55) Dibenzofuran	14.66	168	1978094	34.948	nq	98
56) 4-Nitrophenol	14.50	139	612582	66.472	nq	98
57) 2,4-Dinitrotoluene	14.65	165	516983	37.573	nq	# 99
58) Fluorene	15.31	166	1612751	37.219	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.89	232	455936	37.700	nq	99
60) Diethylphthalate	15.10	149	1653583	33.386	nq	99
61) 4-Chlorophenyl-phenylether	15.31	204	820088	33.311	nq	98
62) 4-Nitroaniline	15.35	138	344122	32.856	nq	96
63) Azobenzene	15.60	77	1593878	34.812	nq	99
65) 4,6-Dinitro-2-methylphenol	15.41	198	281917	31.208	nq	97
66) n-Nitrosodiphenylamine	15.53	169	1422318	33.925	nq	99
67) 4-Bromophenyl-phenylether	16.21	248	510356	33.092	nq	99
68) Hexachlorobenzene	16.32	284	573837	33.006	nq	95
69) Atrazine	16.49	200	521203	33.800	nq	96
70) Pentachlorophenol	16.66	266	710165	58.297	nq	99
71) Phenanthrene	17.06	178	2588951	36.589	nq	99
72) Anthracene	17.14	178	2639655	38.337	nq	99
73) Carbazole	17.42	167	2400832	34.507	nq	99
74) Di-n-butylphthalate	17.99	149	2846103	36.747	nq	99
75) Fluoranthene	19.08	202	3024548	37.778	nq	99
77) Benzidine	19.28	184	874711	19.038	nq	99
78) Pyrene	19.44	202	3138930	36.056	nq	99
80) Butylbenzylphthalate	20.36	149	1312216	37.111	nq	99
81) Benzo(a)anthracene	21.20	228	3017855	37.126	nq	100
82) 3,3'-Dichlorobenzidine	21.14	252	557137	17.759	nq	99
83) Chrysene	21.25	228	2859709	36.221	nq	99
84) Bis(2-ethylhexyl)phthalate	21.14	149	1851078	35.412	nq	100
85) Di-n-octyl phthalate	22.00	149	3161939	37.776	nq	99
86) Indeno(1,2,3-cd)pyrene	25.59	276	2516417	39.886	nq	99
88) Benzo(b)fluoranthene	22.75	252	2807610	39.525	nq	100
89) Benzo(k)fluoranthene	22.79	252	2612145	36.383	nq	99
90) Benzo(a)pyrene	23.31	252	2509077	38.739	nq	100
91) Dibenzo(a,h)anthracene	25.60	278	2122567	38.981	nq	99
92) Benzo(g,h,i)perylene	26.26	276	2043349	39.906	nq	99

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

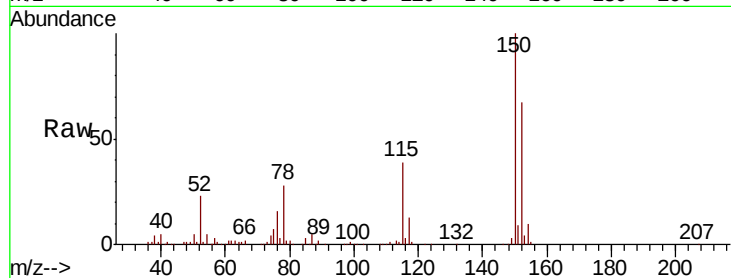


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.61 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.3	126.4	189.6
115	58.2	49.4	74.0

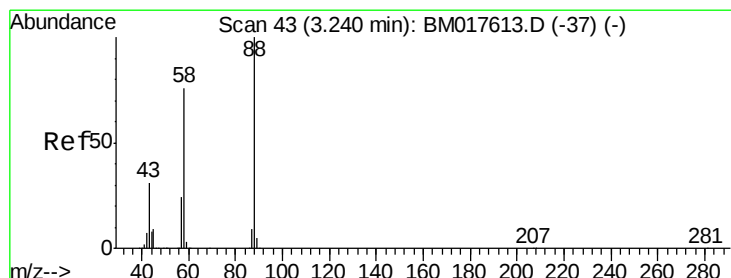
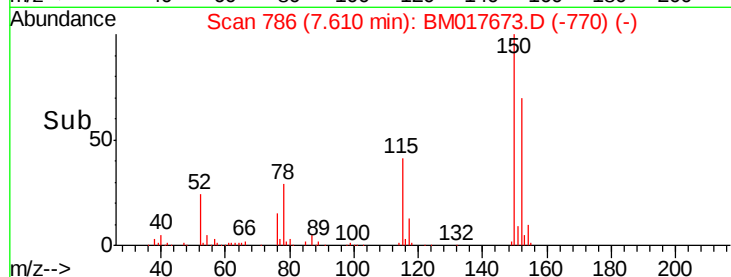
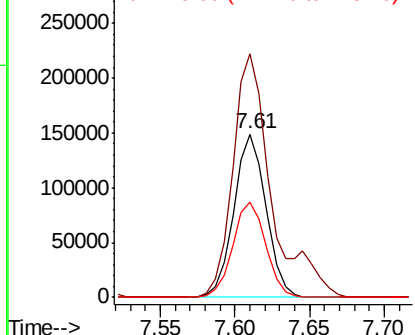


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

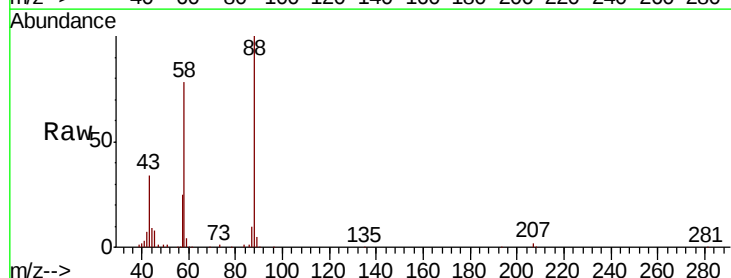
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 26.280 ng
RT: 3.23 min Scan# 41
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.5	62.0	93.0
43	31.7	26.8	40.2

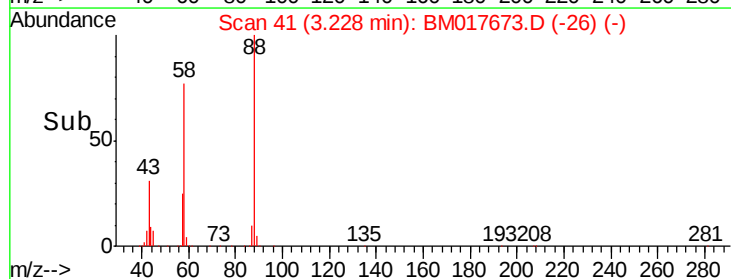
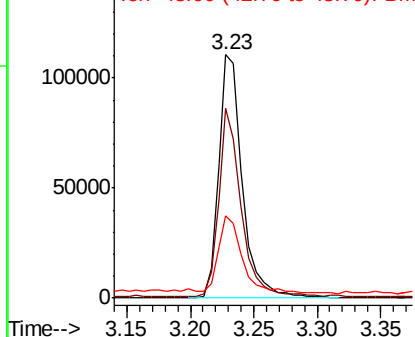


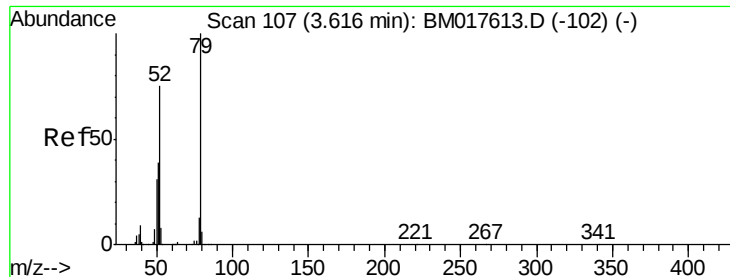
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 27.209 ng

RT: 3.61 min Scan# 106

Delta R.T. -0.01 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

Instrument :

BNA_M

ClientSampleId :

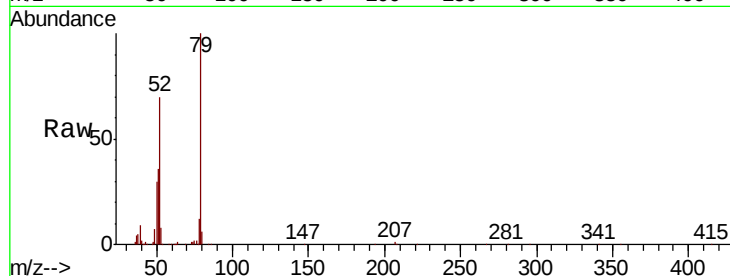
Tot Ion: 79 Resp: 438697

Ion Ratio Lower Upper

79 100

52 70.4 60.1 90.1

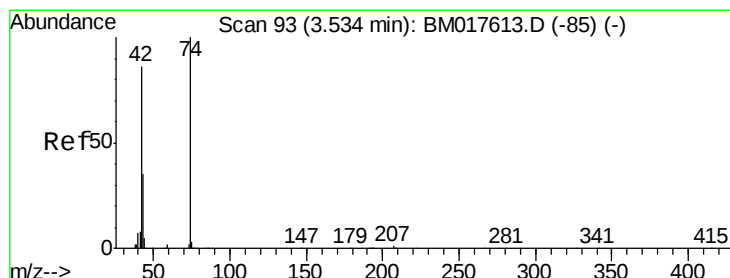
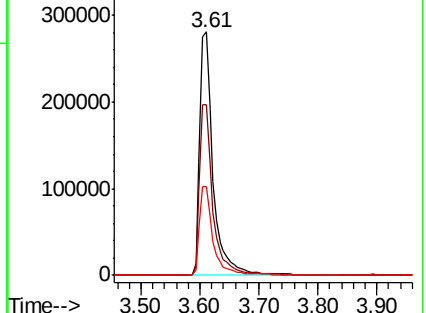
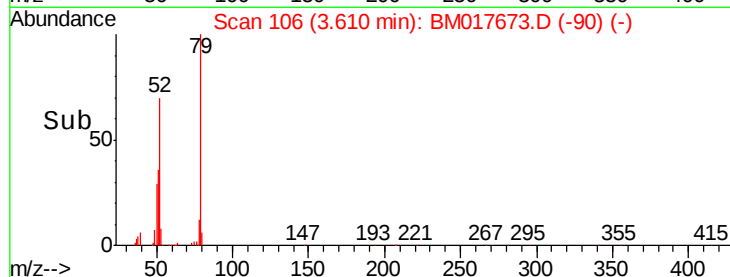
51 36.3 31.1 46.7



Abundance Ion 79.00 (78.70 to 79.70): BM017673.D (-102) (-)

Ion 52.00 (51.70 to 52.70): BM017673.D (-102) (-)

Ion 51.00 (50.70 to 51.70): BM017673.D (-102) (-)



#4

n-Nitrosodimethylamine

Concen: 33.049 ng

RT: 3.53 min Scan# 92

Delta R.T. -0.01 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

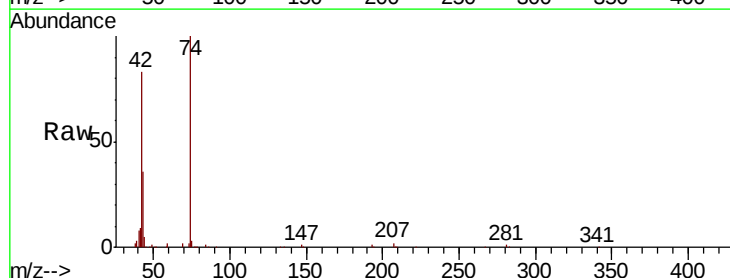
Tgt Ion: 42 Resp: 234724

Ion Ratio Lower Upper

42 100

74 120.5 93.1 139.7

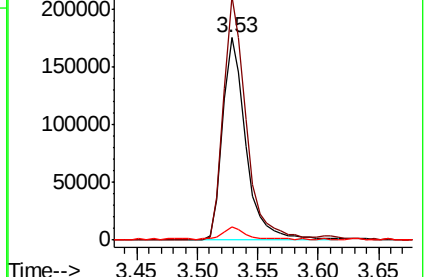
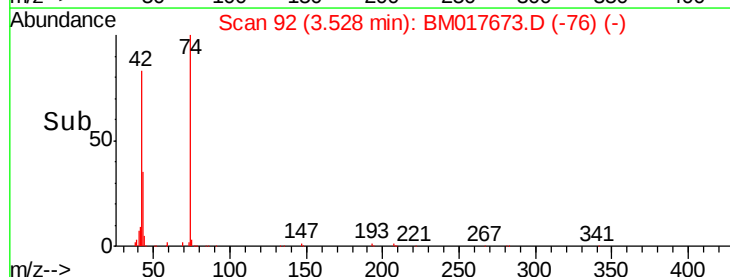
44 6.5 5.0 7.6

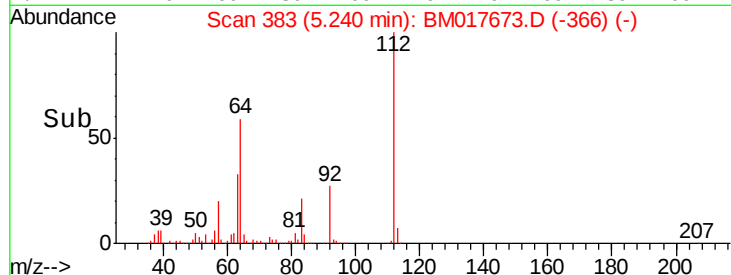
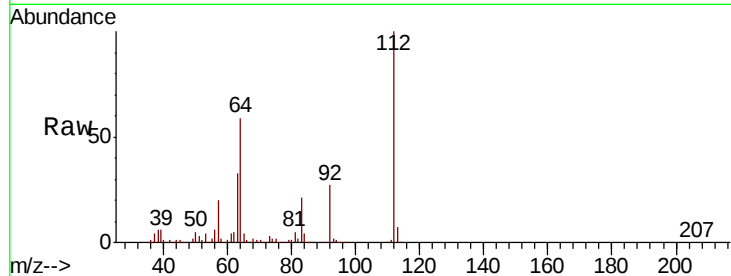
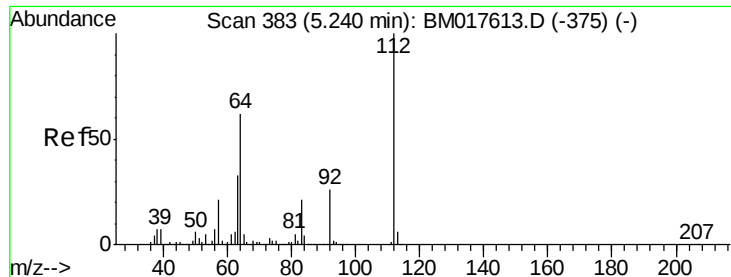


Abundance Ion 42.00 (41.70 to 42.70): BM017673.D (-85) (-)

Ion 74.00 (73.70 to 74.70): BM017673.D (-85) (-)

Ion 44.00 (43.70 to 44.70): BM017673.D (-85) (-)





#5

2-Fluorophenol

Concen: 108.239 ng

RT: 5.24 min Scan# 383

Delta R.T. 0.00 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

Instrument :

BNA_M

ClientSampleId :

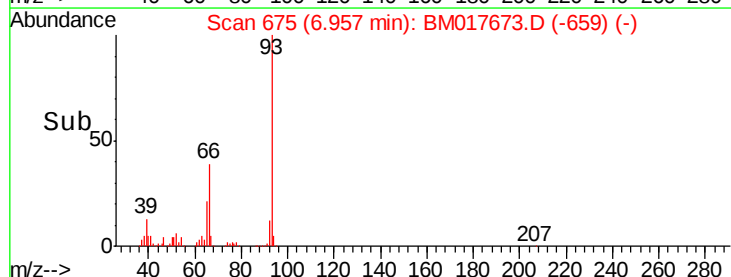
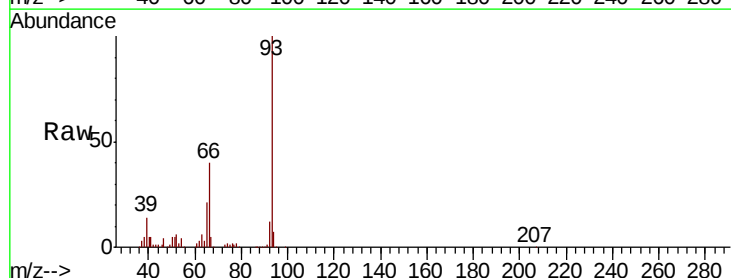
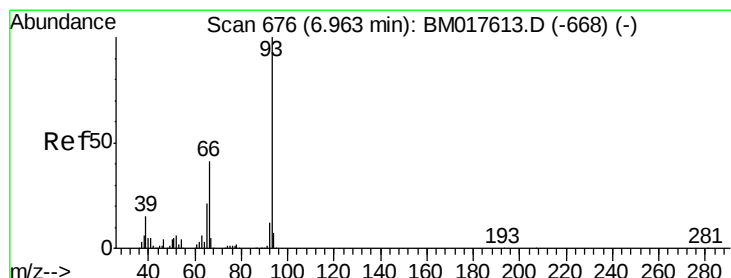
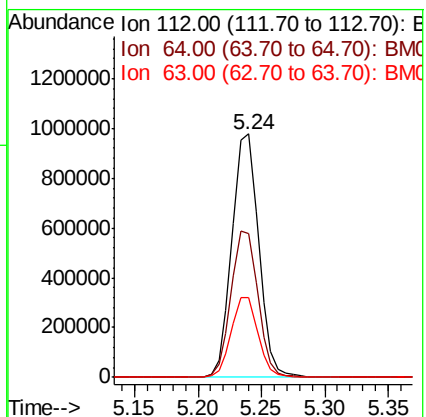
Tot Ion:112 Resp: 1428513

Ion Ratio Lower Upper

112 100

64 59.1 49.3 73.9

63 32.7 26.2 39.4



#6

Aniline

Concen: 17.378 ng

RT: 6.96 min Scan# 675

Delta R.T. -0.01 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

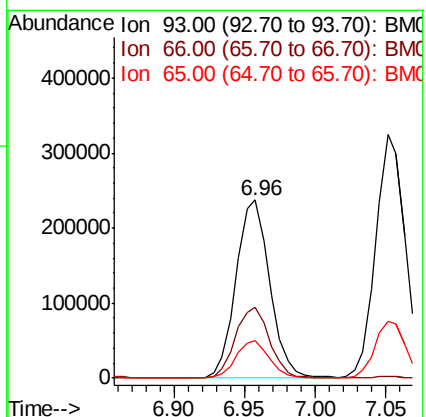
Tgt Ion: 93 Resp: 397226

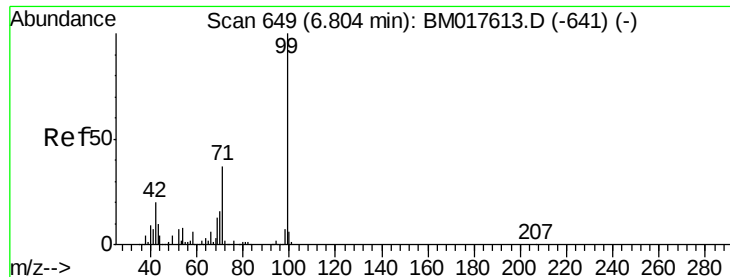
Ion Ratio Lower Upper

93 100

66 40.0 32.8 49.2

65 21.2 16.6 25.0





#7

Phenol-d6

Concen: 106.488 ng

RT: 6.80 min Scan# 649

Delta R.T. 0.00 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

Instrument :

BNA_M

ClientSampleId :

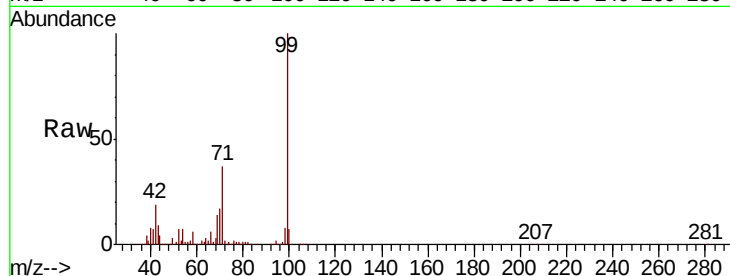
Tot Ion: 99 Resp: 1962855

Ion Ratio Lower Upper

99 100

42 19.1 16.3 24.5

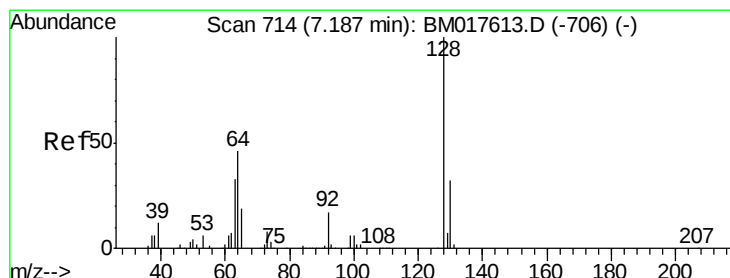
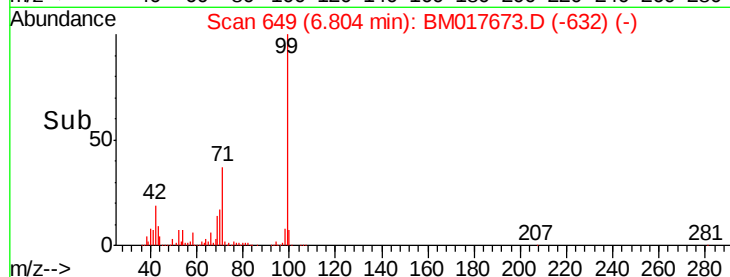
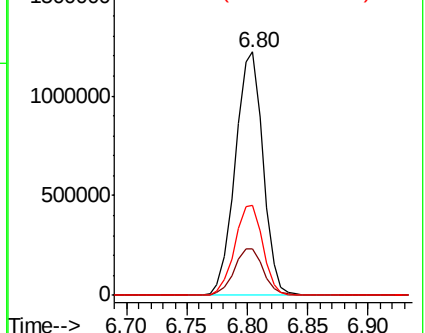
71 36.7 29.8 44.8



Abundance Ion 99.00 (98.70 to 99.70): BM017613.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BM017613.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BM017613.D (-641) (-)



#8

2-Chlorophenol

Concen: 34.733 ng

RT: 7.18 min Scan# 713

Delta R.T. -0.01 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

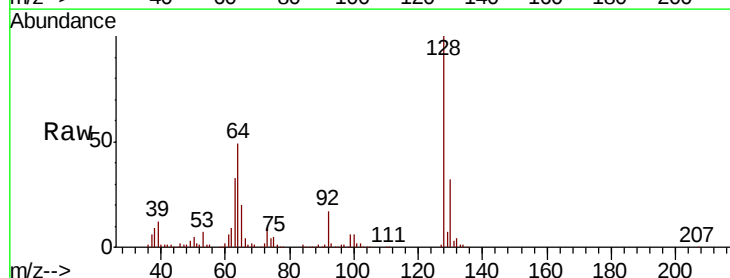
Tgt Ion:128 Resp: 548602

Ion Ratio Lower Upper

128 100

130 31.9 12.4 52.4

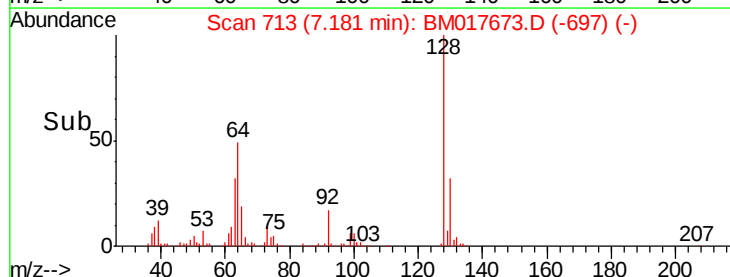
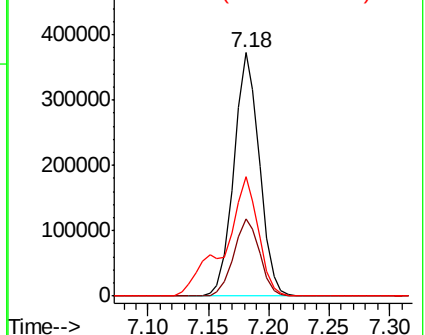
64 48.8 30.0 70.0

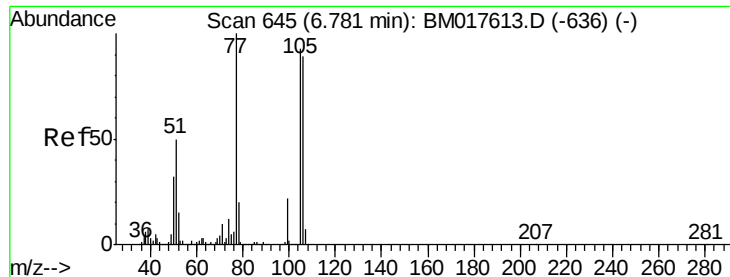


Abundance Ion 128.00 (127.70 to 128.70): BM017613.D (-706) (-)

Ion 130.00 (129.70 to 130.70): BM017613.D (-706) (-)

Ion 64.00 (63.70 to 64.70): BM017613.D (-706) (-)





#9

Benzaldehyde

Concen: 22.984 ng

RT: 6.77 min Scan# 643

Delta R.T. -0.01 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

Instrument :

BNA_M

ClientSampled :

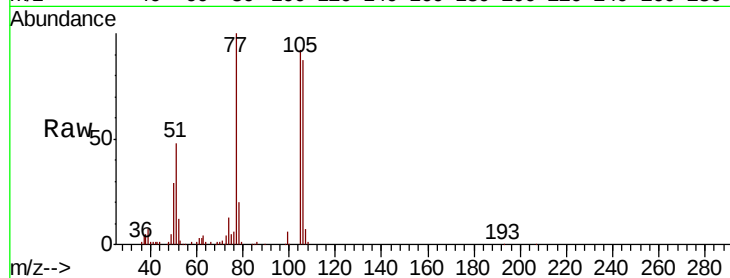
Tot Ion: 77 Resp: 308621

Ion Ratio Lower Upper

77 100

105 92.2 72.7 112.7

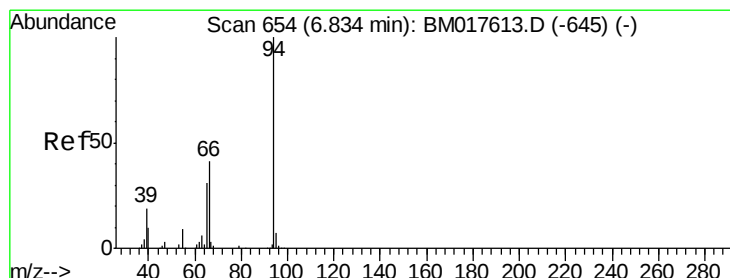
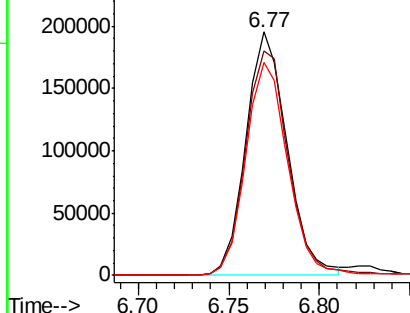
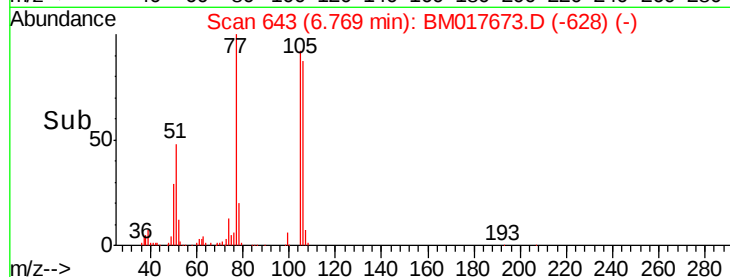
106 87.2 68.9 108.9



Abundance Ion 77.00 (76.70 to 77.70): BM017673.D (-628) (-)

Ion 105.00 (104.70 to 105.70): BM017673.D (-628) (-)

Ion 106.00 (105.70 to 106.70): BM017673.D (-628) (-)



#10

Phenol

Concen: 35.328 ng

RT: 6.83 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

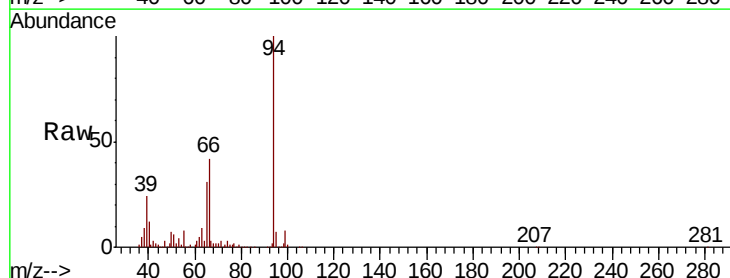
Tgt Ion: 94 Resp: 683499

Ion Ratio Lower Upper

94 100

65 30.5 11.4 51.4

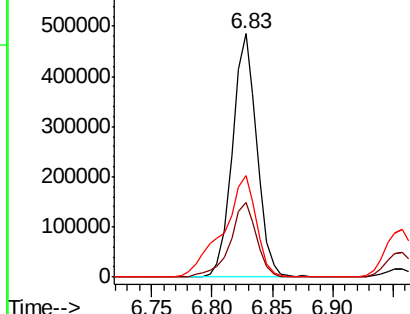
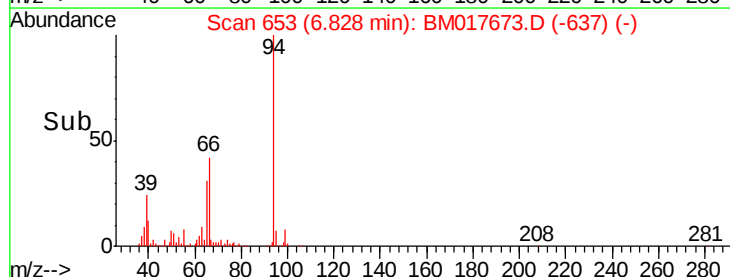
66 41.9 21.4 61.4

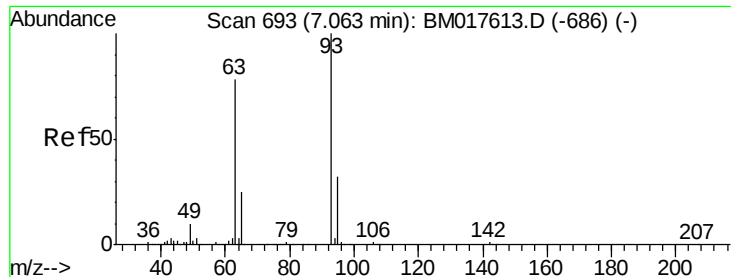


Abundance Ion 94.00 (93.70 to 94.70): BM017673.D (-637) (-)

Ion 65.00 (64.70 to 65.70): BM017673.D (-637) (-)

Ion 66.00 (65.70 to 66.70): BM017673.D (-637) (-)

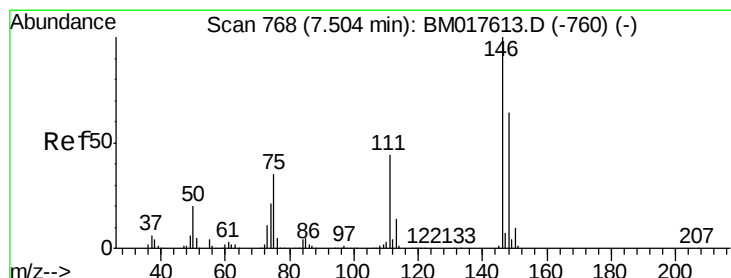
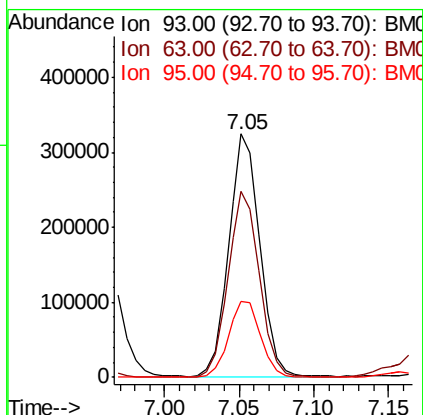
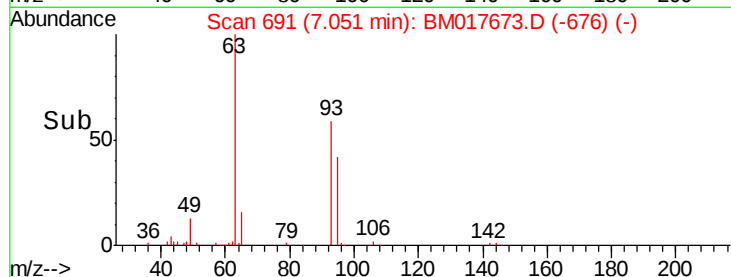
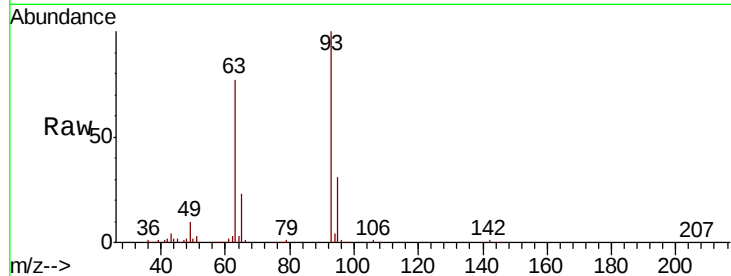




#11
bis(2-Chloroethyl)ether
Concen: 30.707 ng
RT: 7.05 min Scan# 691
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

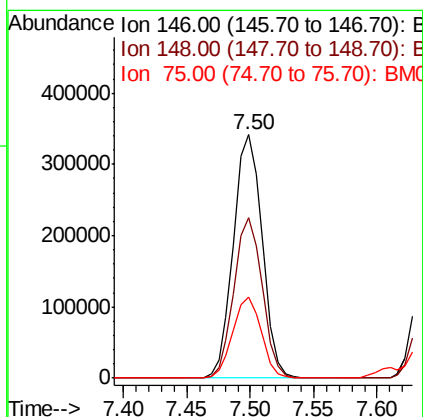
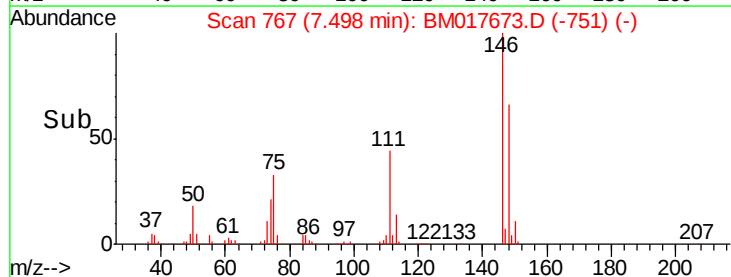
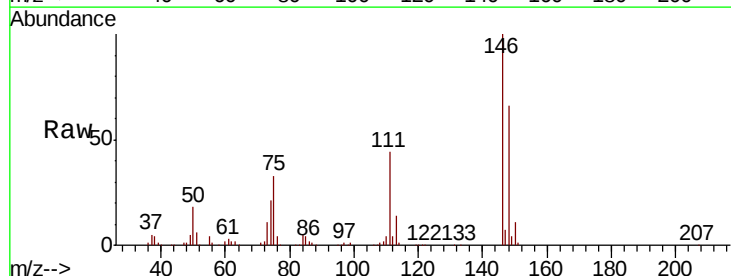
Instrument :
BNA_M
ClientSampleId :

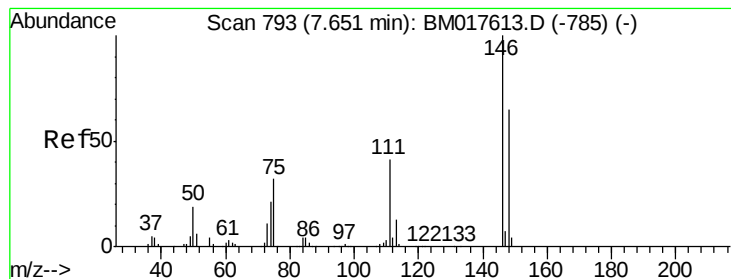
Tot Ion	93.00	Resp	469004
Ion	Ratio	Lower	Upper
93	100		
63	76.5	57.9	97.9
95	31.2	12.3	52.3



#12
1,3-Dichlorobenzene
Concen: 30.249 ng
RT: 7.50 min Scan# 767
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Tgt Ion	146	Resp	536030
Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.2	76.8
75	33.5	28.2	42.2





#13

1,4-Dichlorobenzene

Concen: 30.677 ng

RT: 7.65 min Scan# 792

Delta R.T. -0.01 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

Instrument :

BNA_M

ClientSampled :

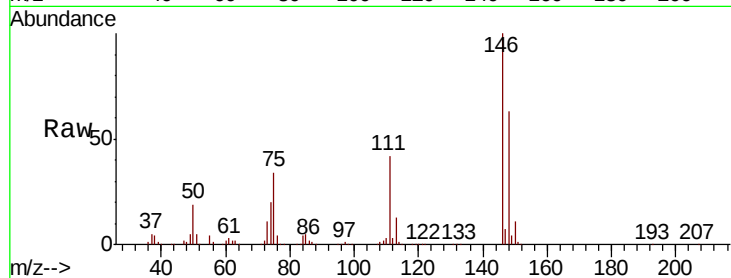
Tot Ion:146 Resp: 557215

Ion Ratio Lower Upper

146 100

148 63.2 52.0 78.0

111 42.2 33.2 49.8

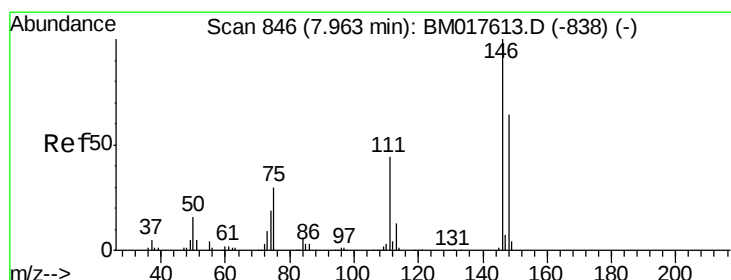
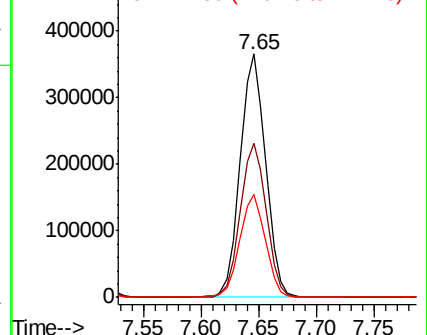
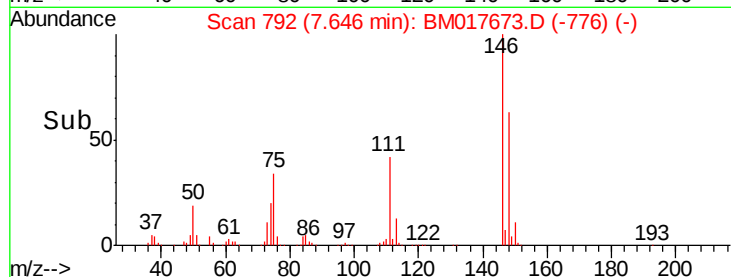


Abundance

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: 30.525 ng

RT: 7.96 min Scan# 845

Delta R.T. -0.01 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

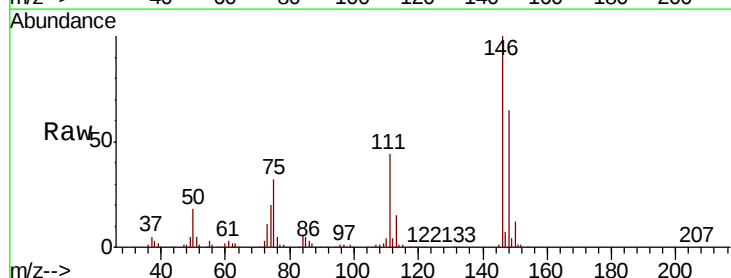
Tgt Ion:146 Resp: 537612

Ion Ratio Lower Upper

146 100

148 65.4 51.6 77.4

111 44.1 35.8 53.8

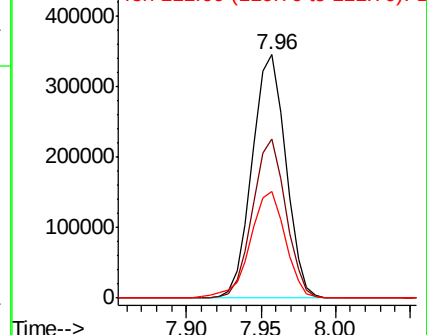
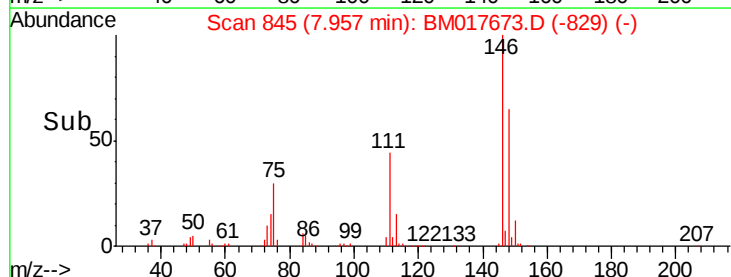


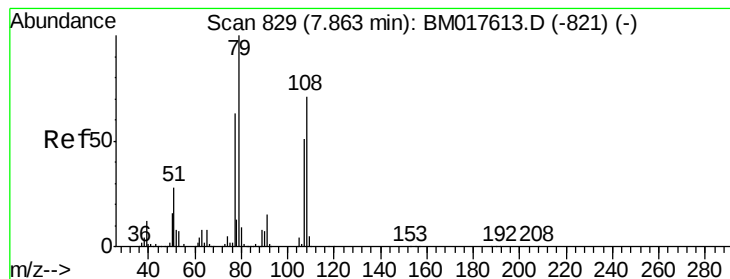
Abundance

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: 32.900 ng

RT: 7.86 min Scan# 828

Delta R.T. -0.01 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

Instrument :

BNA_M

ClientSampleId :

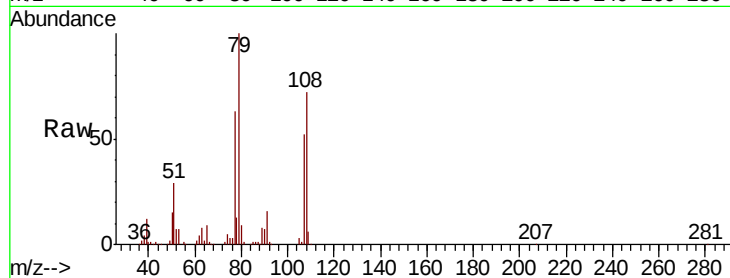
Tot Ion: 79 Resp: 482955

Ion Ratio Lower Upper

79 100

108 71.6 57.1 85.7

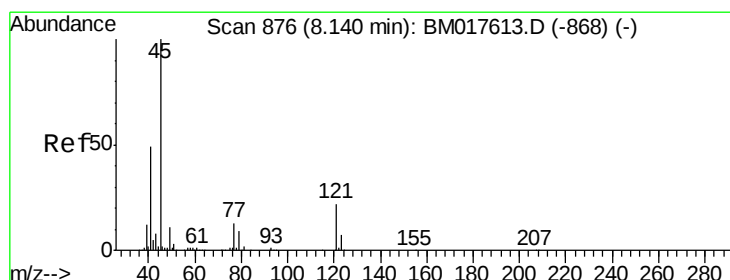
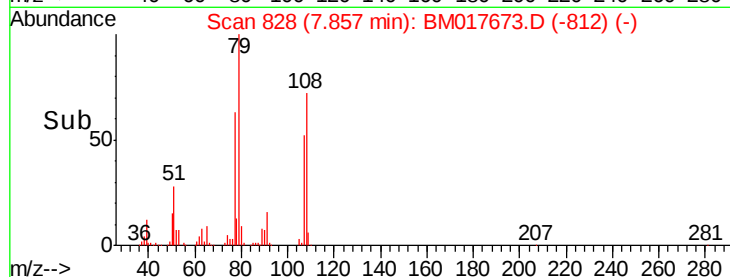
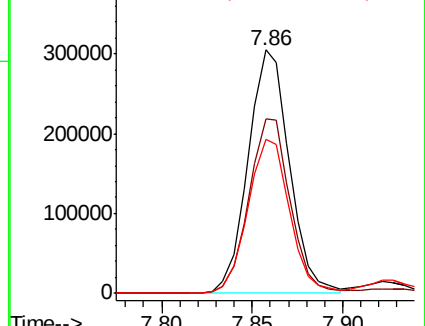
77 63.4 50.4 75.6



Abundance Ion 79.00 (78.70 to 79.70): BM017673.D (-821) (-)

Ion 108.00 (107.70 to 108.70): BM017673.D (-821) (-)

Ion 77.00 (76.70 to 77.70): BM017673.D (-821) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 27.596 ng

RT: 8.13 min Scan# 875

Delta R.T. -0.01 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

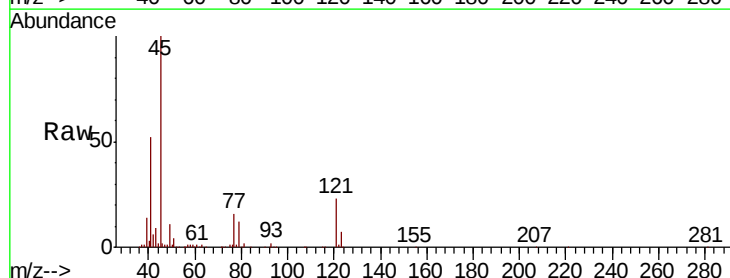
Tgt Ion: 45 Resp: 641733

Ion Ratio Lower Upper

45 100

77 16.0 0.0 34.2

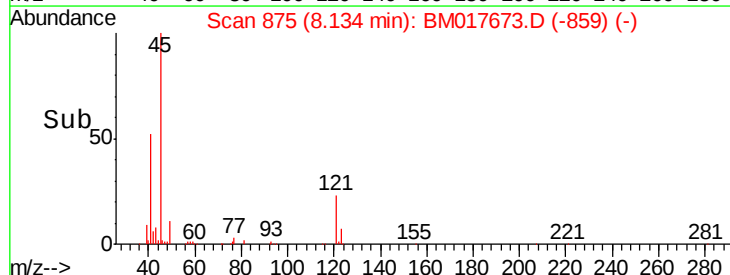
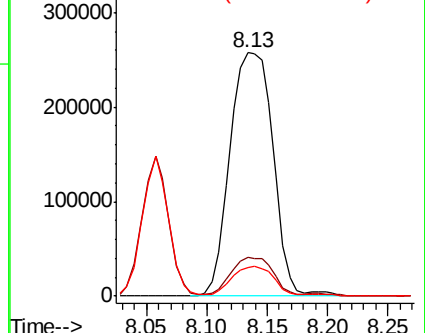
79 11.6 0.0 30.5

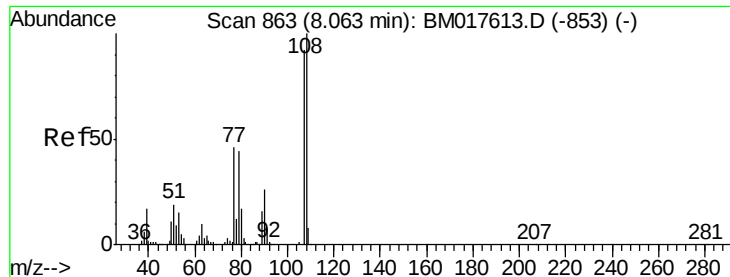


Abundance Ion 45.00 (44.70 to 45.70): BM017673.D (-868) (-)

Ion 77.00 (76.70 to 77.70): BM017673.D (-868) (-)

Ion 79.00 (78.70 to 79.70): BM017673.D (-868) (-)

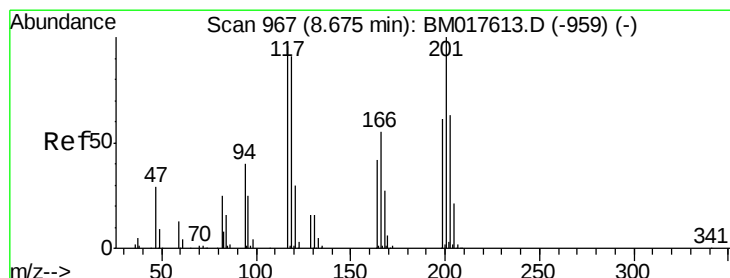
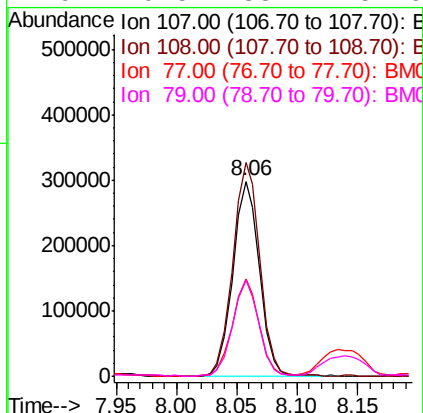
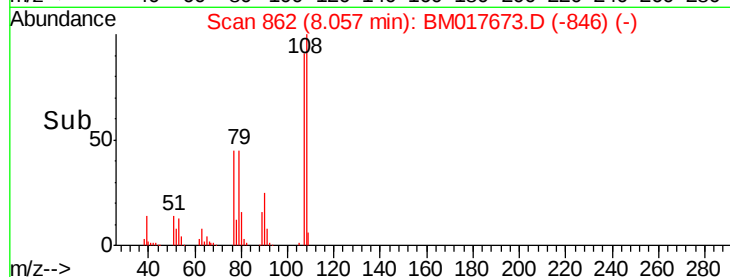
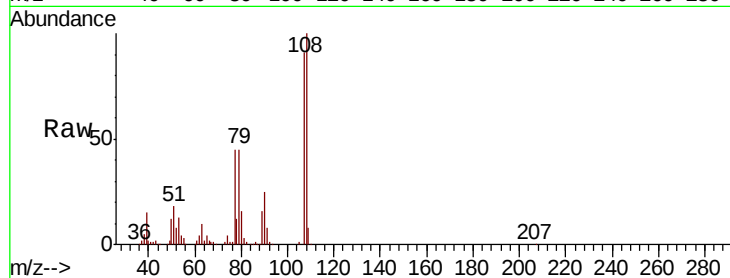




#17
2-Methylphenol
Concen: 35.068 ng
RT: 8.06 min Scan# 862
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

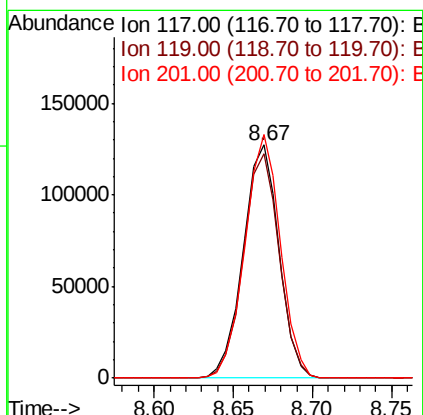
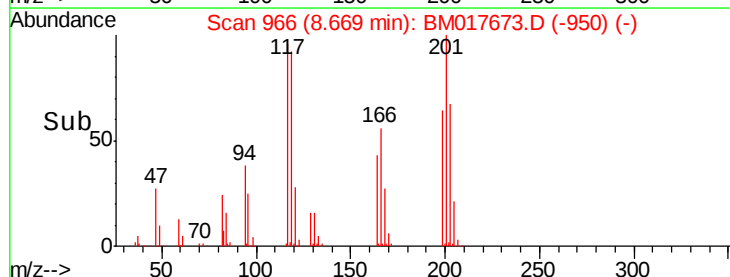
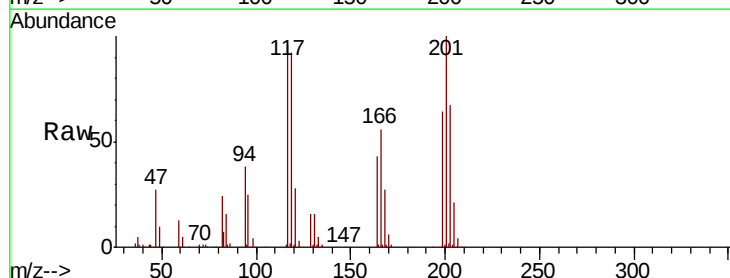
Instrument :
BNA_M
ClientSampled :

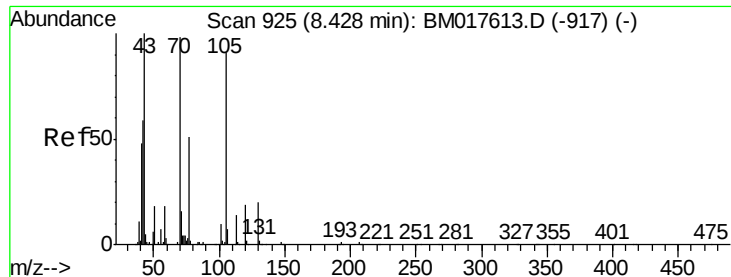
Tot Ion:	107	Resp:	457055
Ion	Ratio	Lower	Upper
107	100		
108	109.6	86.7	130.1
77	49.6	39.8	59.6
79	49.5	38.4	57.6



#18
Hexachloroethane
Concen: 31.138 ng
RT: 8.67 min Scan# 966
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Tgt Ion:	117	Resp:	199338
Ion	Ratio	Lower	Upper
117	100		
119	96.6	75.8	113.8
201	104.5	83.0	124.4

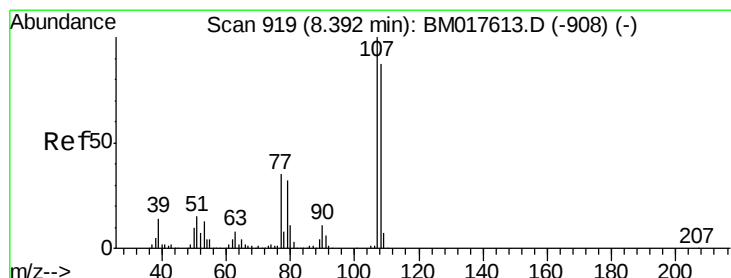
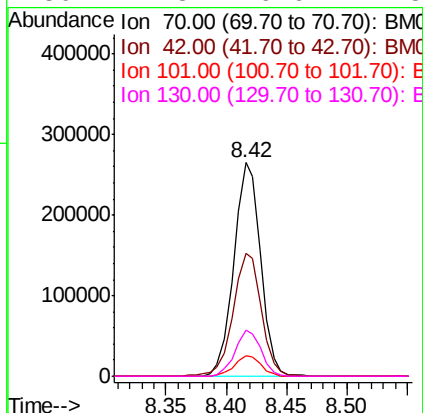
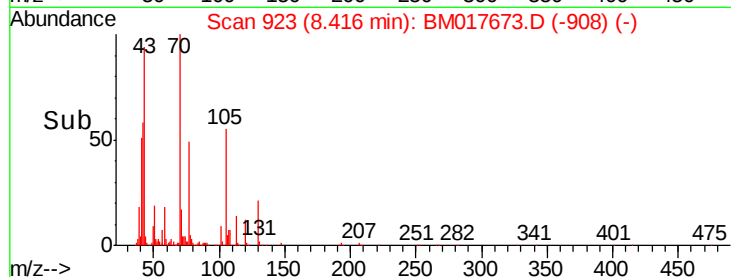
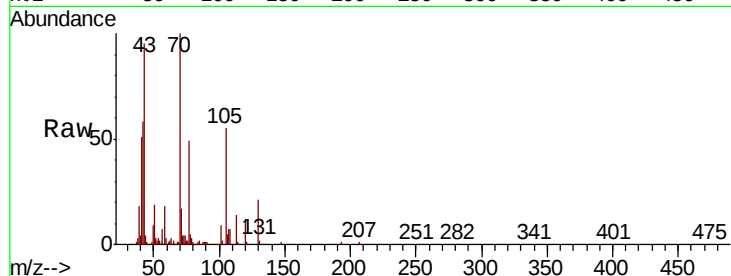




#19
n-Nitroso-di-n-propylamine
Concen: 30.984 ng
RT: 8.42 min Scan# 923
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

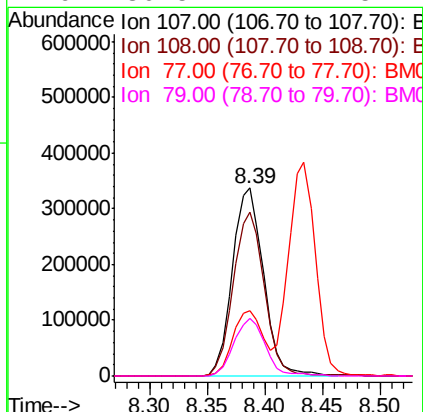
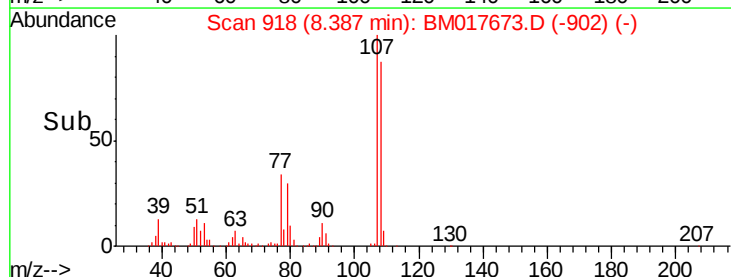
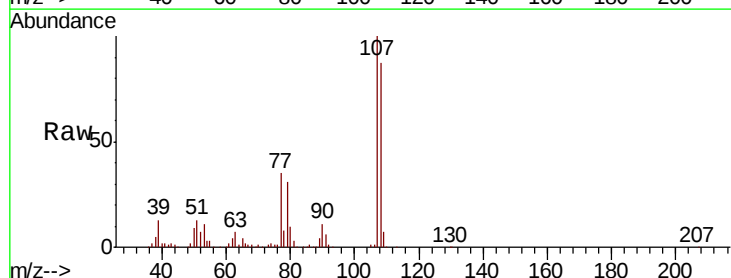
Instrument :
BNA_M
ClientSampleId :

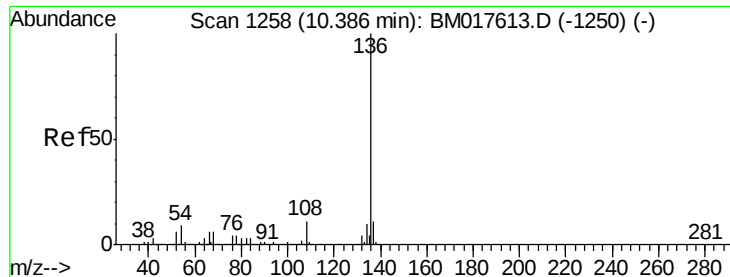
Tot Ion:	70	Resp:	410075
Ion	Ratio	Lower	Upper
70	100		
42	57.8	48.6	73.0
101	9.4	7.9	11.9
130	21.3	16.6	24.8



#20
3+4-Methylphenols
Concen: 34.798 ng
RT: 8.39 min Scan# 918
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Tgt Ion:	107	Resp:	630152
Ion	Ratio	Lower	Upper
107	100		
108	87.4	67.0	107.0
77	34.6	15.6	55.6
79	30.5	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: BM017673.D

Acq: 16 Nov 2018 10:42

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 938600

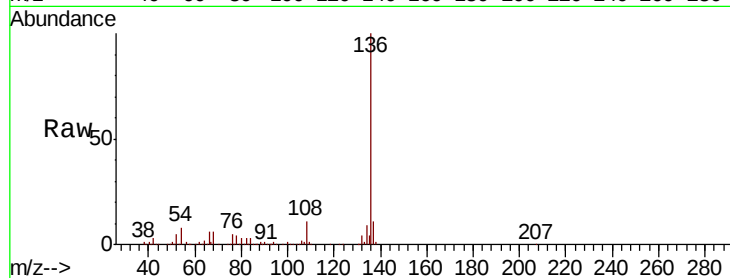
Ion Ratio Lower Upper

136 100

137 10.7 8.6 12.8

54 8.2 7.0 10.6

68 5.9 4.9 7.3

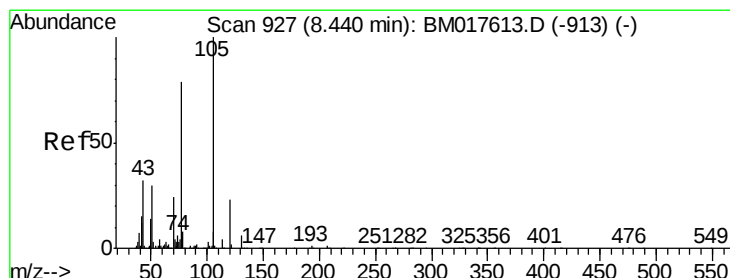
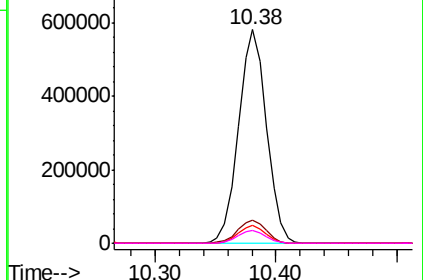
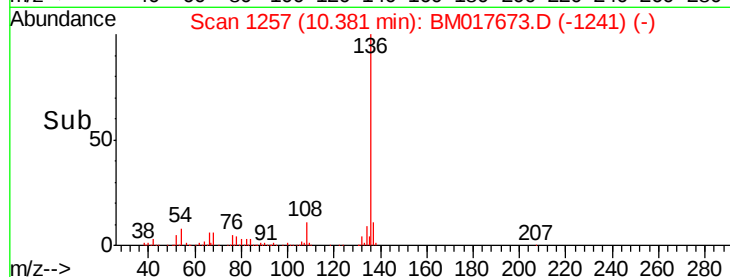


Abundance Ion 136.00 (135.70 to 136.70): E

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: 33.670 ng

RT: 8.43 min Scan# 926

Delta R.T. -0.01 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

Tgt Ion:105 Resp: 788756

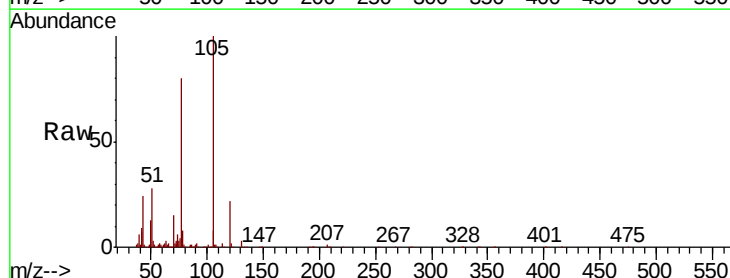
Ion Ratio Lower Upper

105 100

71 2.4 3.1 4.7#

51 28.3 23.8 35.8

120 21.7 18.0 27.0

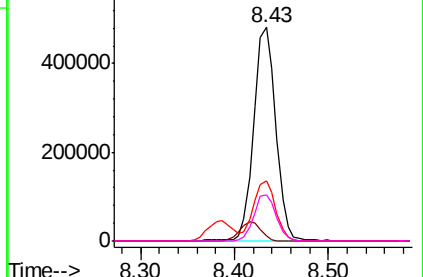
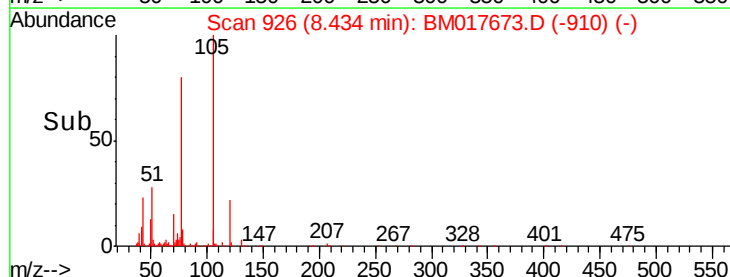


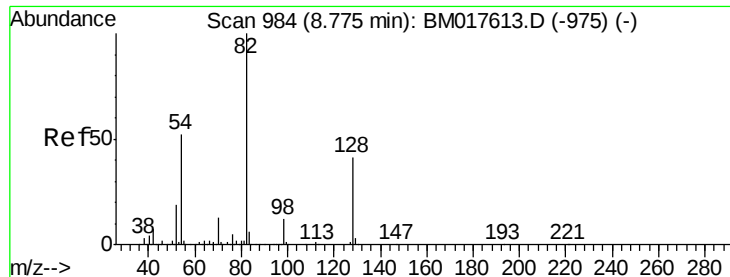
Abundance Ion 105.00 (104.70 to 105.70): E

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

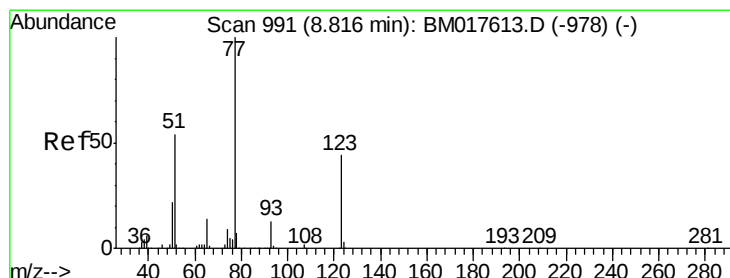
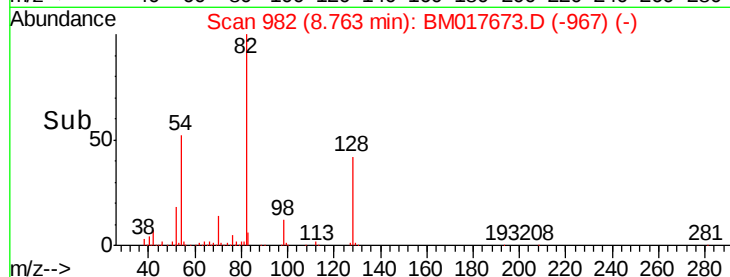
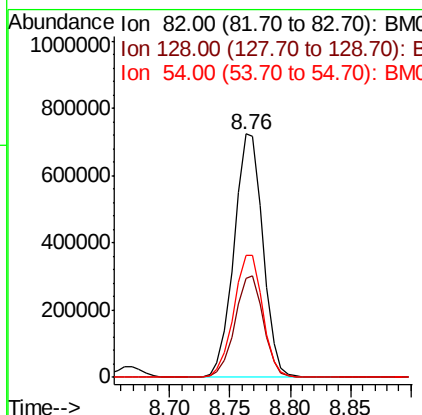
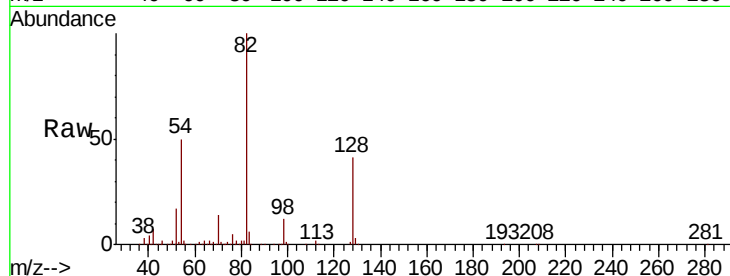




#23
 Nitrobenzene-d5
 Concen: 66.553 ng
 RT: 8.76 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BM017673.D
 Acq: 16 Nov 2018 10:42

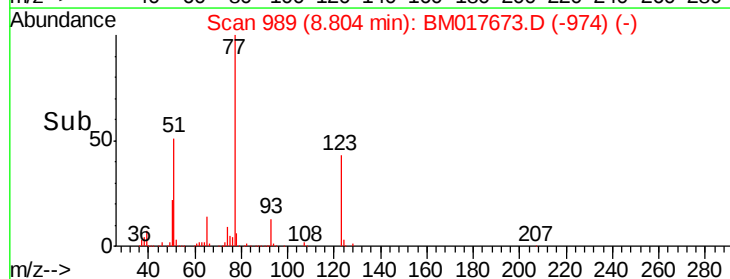
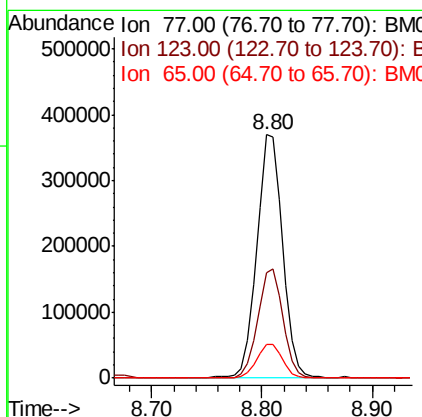
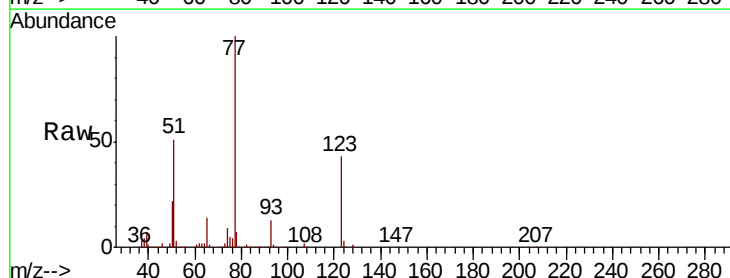
Instrument :
 BNA_M
 ClientSampled :

Tot Ion: 82 Resp: 1210009
 Ion Ratio Lower Upper
 82 100
 128 40.7 33.0 49.4
 54 49.9 41.4 62.2



#24
 Nitrobenzene
 Concen: 33.023 ng
 RT: 8.80 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BM017673.D
 Acq: 16 Nov 2018 10:42

Tgt Ion: 77 Resp: 609160
 Ion Ratio Lower Upper
 77 100
 123 43.3 35.1 52.7
 65 14.0 11.0 16.6

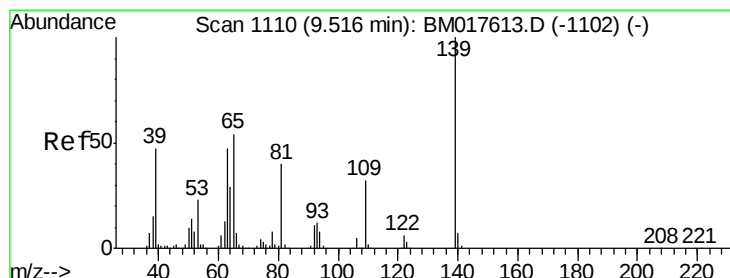
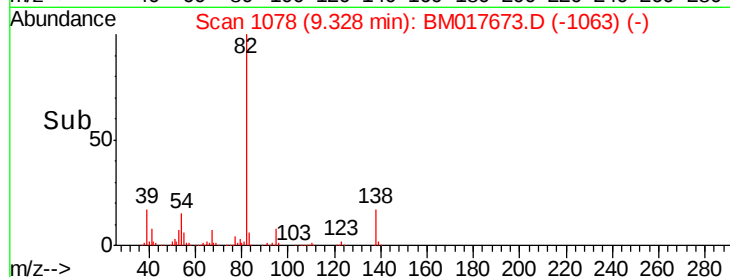
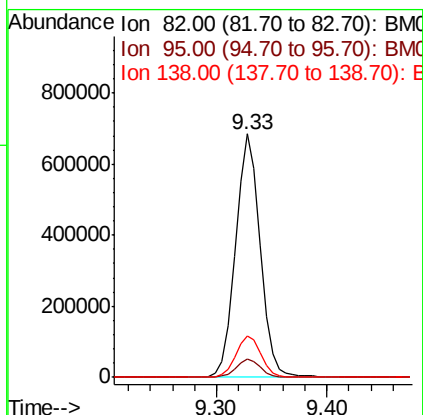
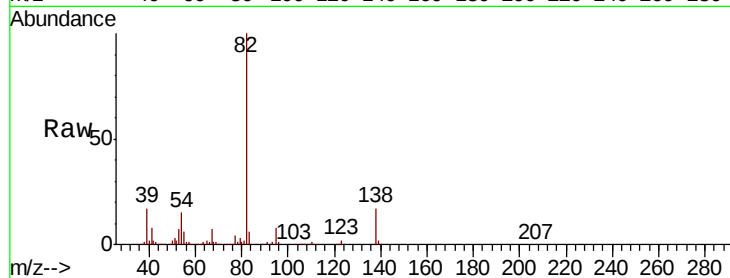




#25
Isophorone
Concen: 38.250 ng
RT: 9.33 min Scan# 1078
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

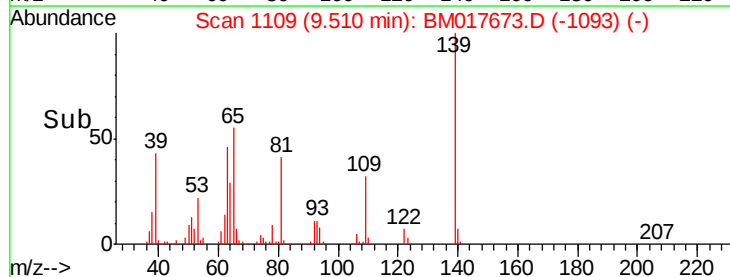
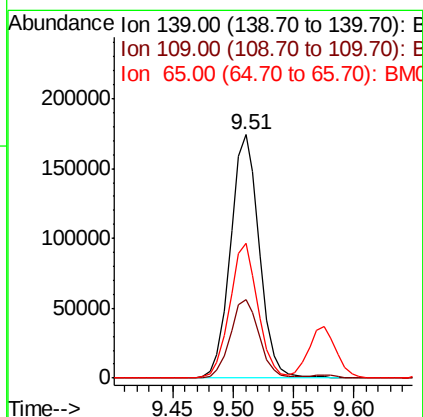
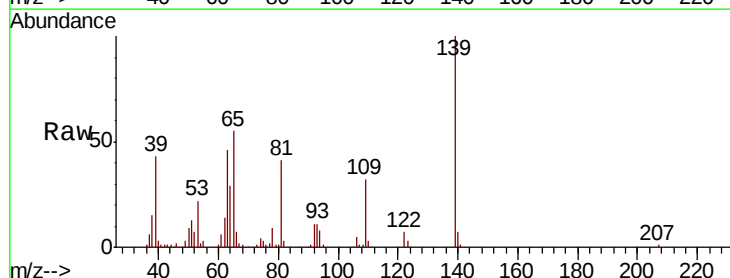
Instrument :
BNA_M
ClientSampleId :

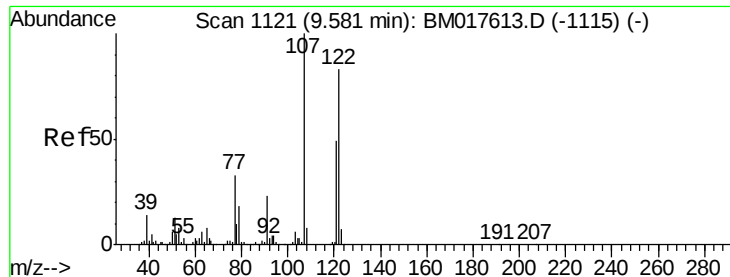
Tot Ion: 82 Resp: 1074108
Ion Ratio Lower Upper
82 100
95 7.6 6.1 9.1
138 17.1 13.9 20.9



#26
2-Nitrophenol
Concen: 33.971 ng
RT: 9.51 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Tgt Ion: 139 Resp: 288642
Ion Ratio Lower Upper
139 100
109 32.3 25.9 38.9
65 55.3 43.0 64.4

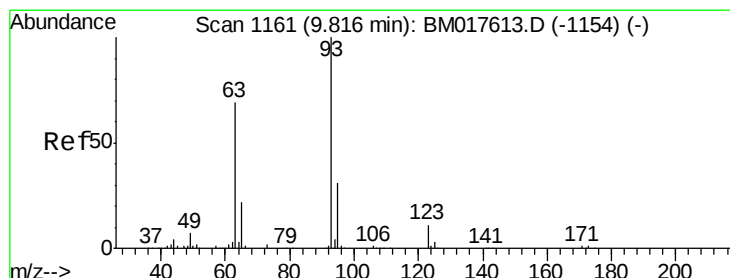
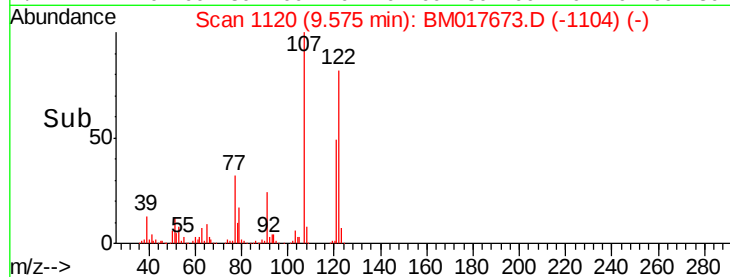
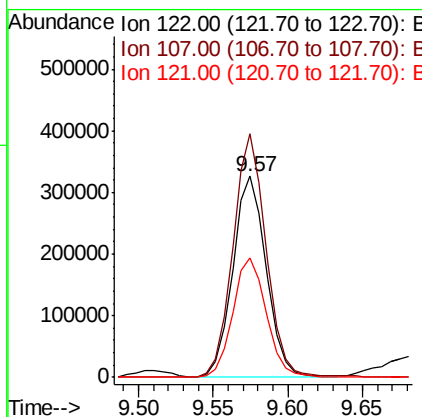
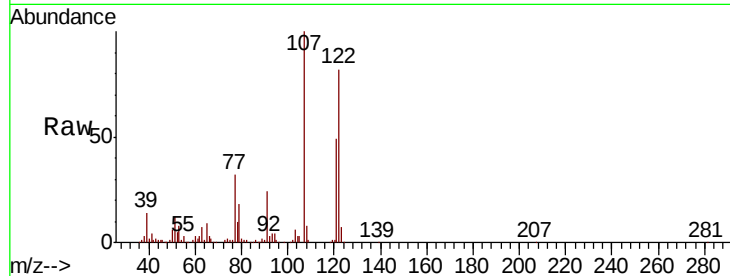




#27
 2,4-Dimethylphenol
 Concen: 41.211 ng
 RT: 9.57 min Scan# 1120
 Delta R.T. -0.01 min
 Lab File: BM017673.D
 Acq: 16 Nov 2018 10:42

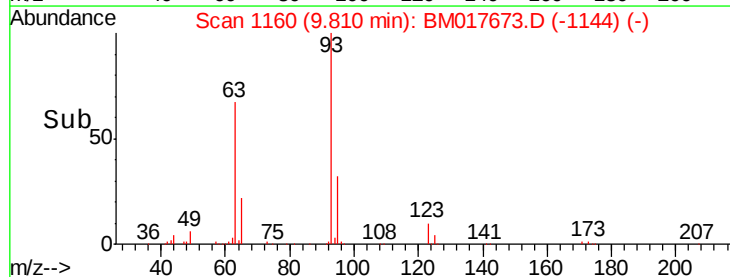
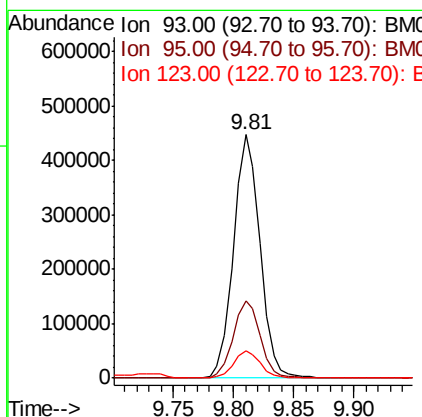
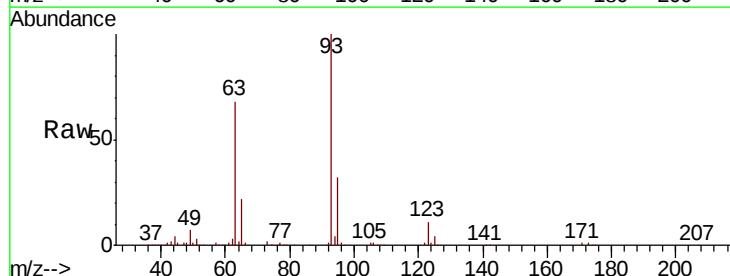
Instrument :
 BNA_M
 ClientSampled :

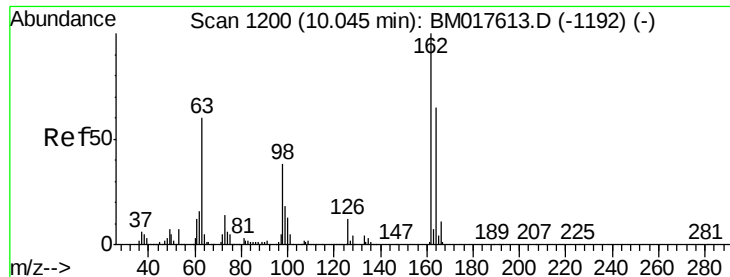
Tot Ion	Ratio	Lower	Upper
122	100		
107	121.2	95.8	143.8
121	59.6	47.2	70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.973 ng
 RT: 9.81 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BM017673.D
 Acq: 16 Nov 2018 10:42

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	24.9	37.3
123	11.3	8.7	13.1

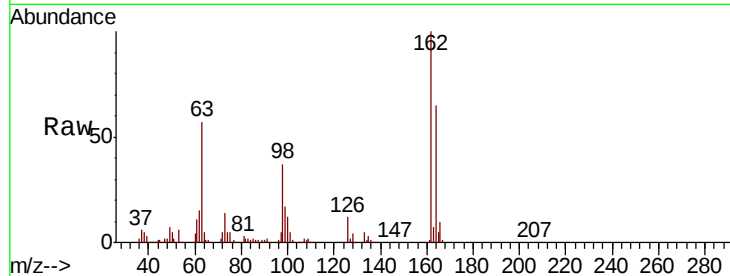




#29
 2,4-Dichlorophenol
 Concen: 37.478 ng
 RT: 10.04 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BM017673.D
 Acq: 16 Nov 2018 10:42

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	45.0	85.0
98	37.2	17.5	57.5

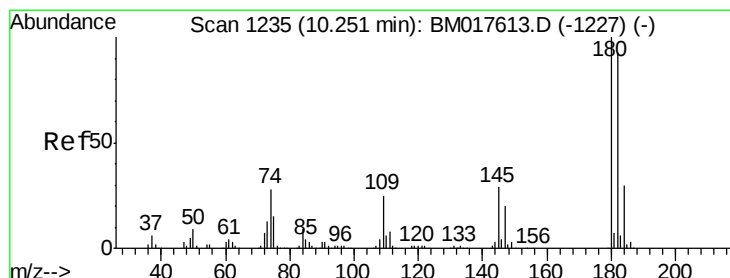
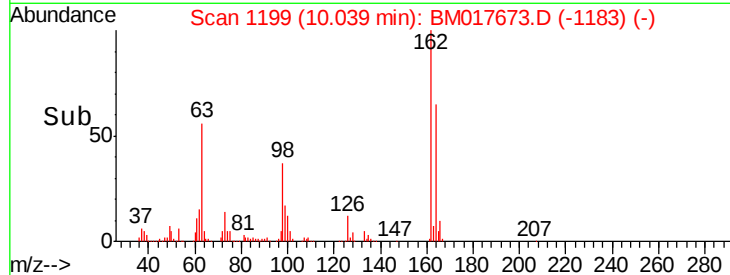
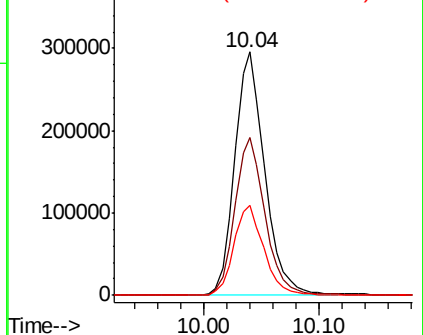


Abundance

Ion 162.00 (161.70 to 162.70): E

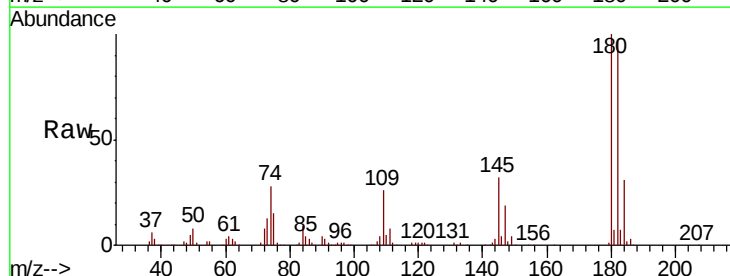
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30
 1,2,4-Trichlorobenzene
 Concen: 32.752 ng
 RT: 10.25 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BM017673.D
 Acq: 16 Nov 2018 10:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	74.4	111.6
145	31.7	23.5	35.3

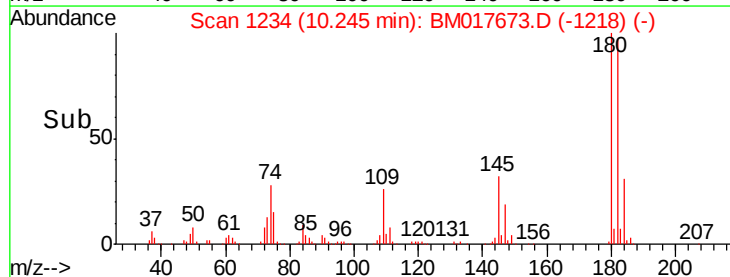
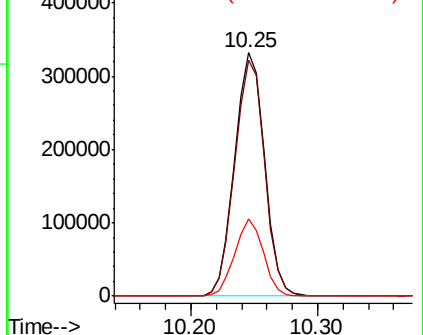


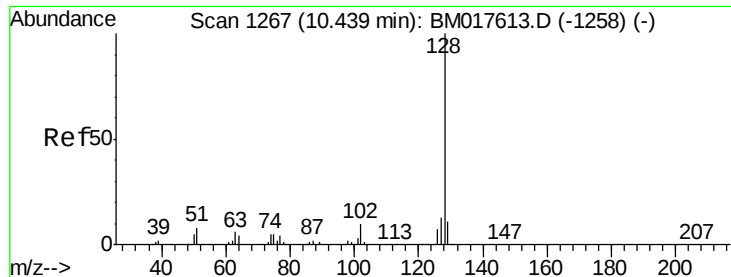
Abundance

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

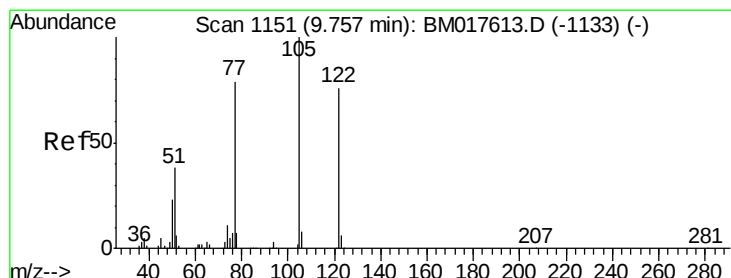
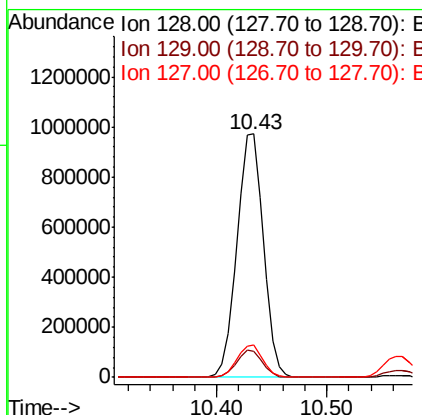
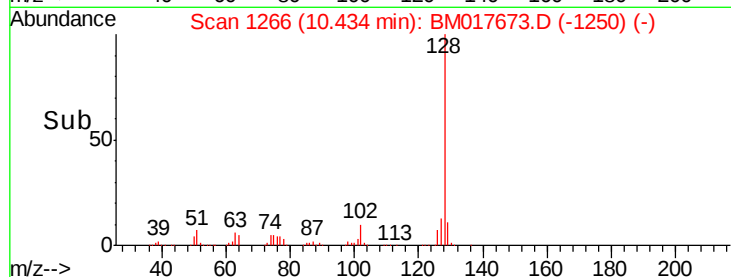
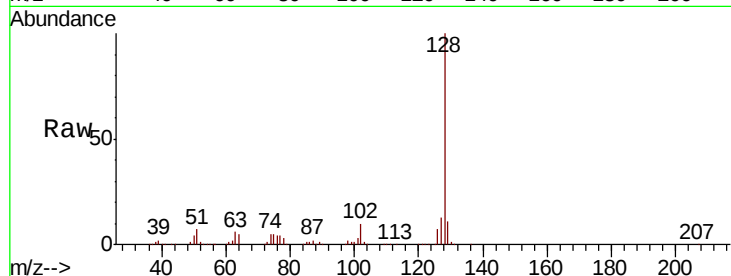




#31
Naphthalene
Concen: 35.640 ng
RT: 10.43 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

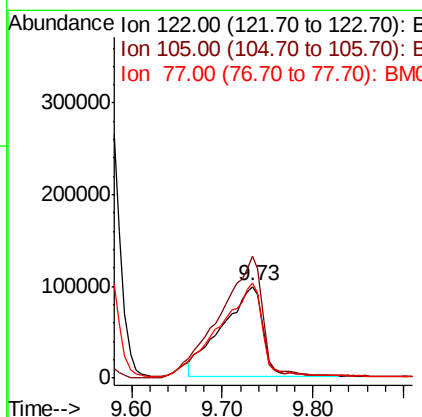
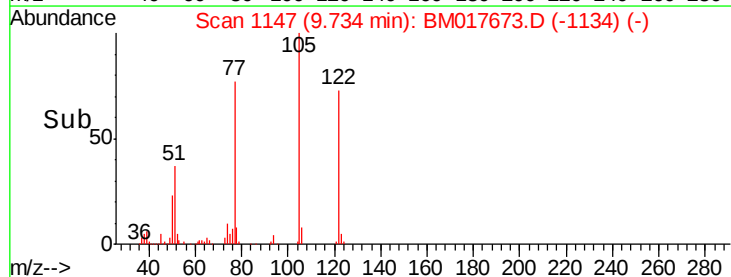
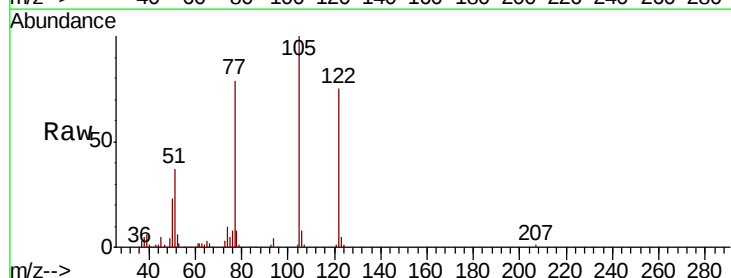
Instrument :
BNA_M
ClientSampleId :

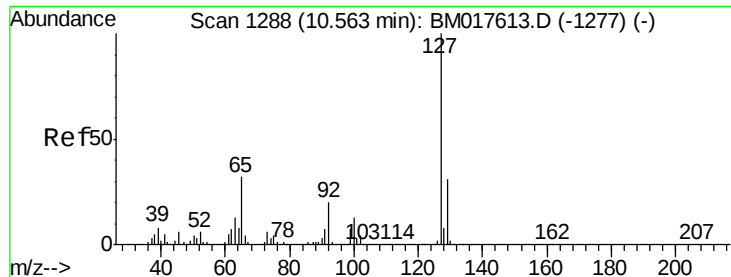
Tot Ion:128 Resp: 1644725
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 13.3 10.3 15.5



#32
Benzoic acid
Concen: 27.338 ng
RT: 9.73 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Tgt Ion:122 Resp: 303243
Ion Ratio Lower Upper
122 100
105 132.9 109.1 149.1
77 104.6 82.1 122.1

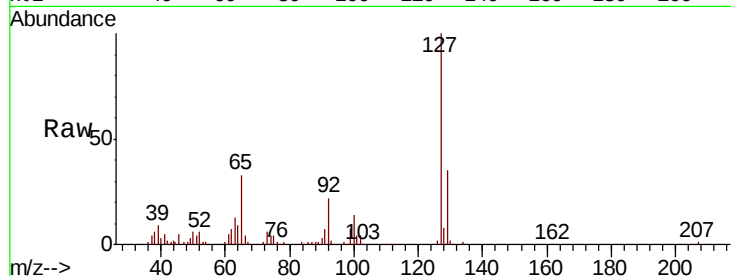




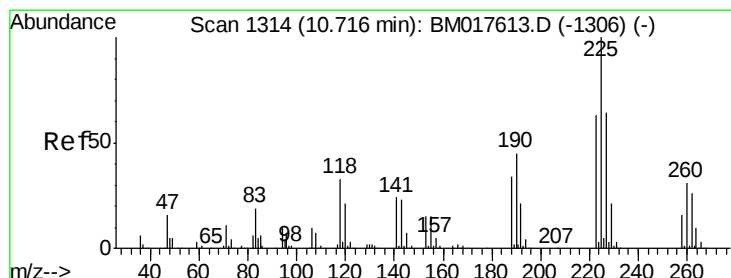
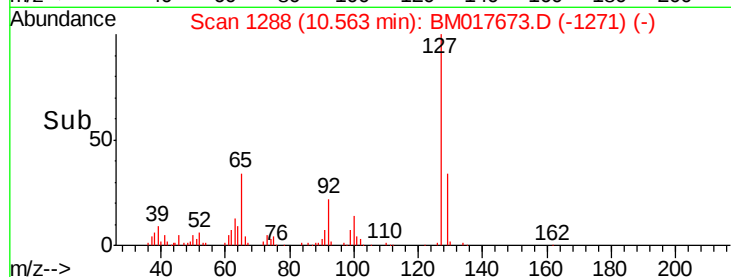
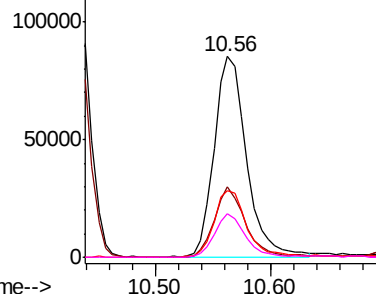
#33
4-Chloroaniline
Concen: 8.285 ng
RT: 10.56 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Instrument :
BNA_M
ClientSampled :

Tot Ion:	127	Resp:	167443
Ion	Ratio	Lower	Upper
127	100		
129	34.8	25.0	37.4
65	33.3	25.8	38.8
92	21.6	15.8	23.6

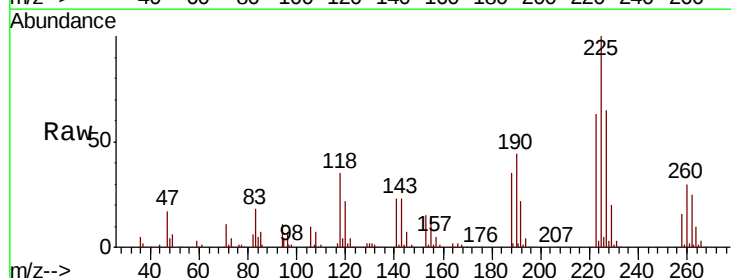


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

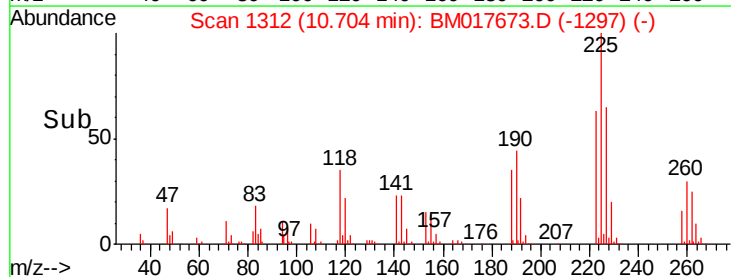
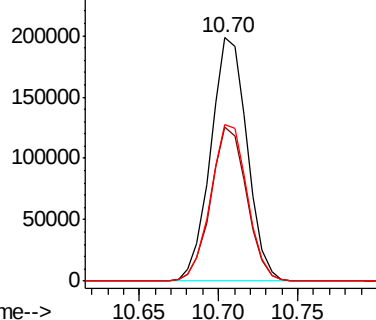


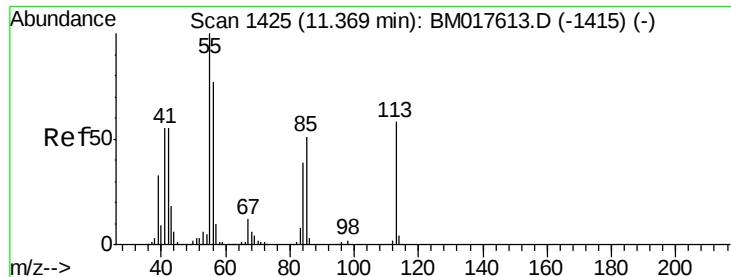
#34
Hexachlorobutadiene
Concen: 30.856 ng
RT: 10.70 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Tgt Ion:	225	Resp:	316695
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.7	76.1
227	64.5	51.0	76.4



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

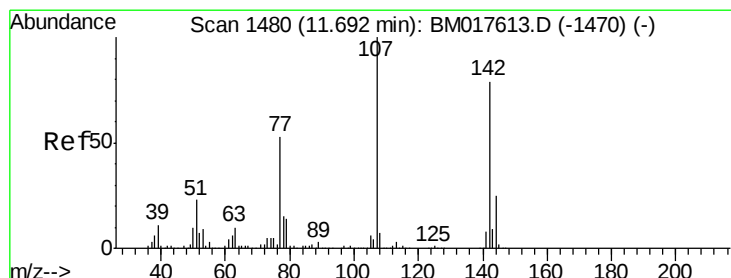
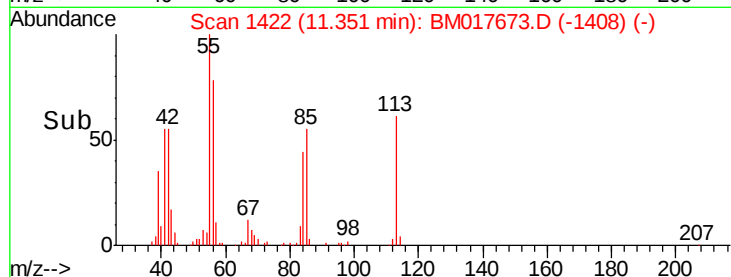
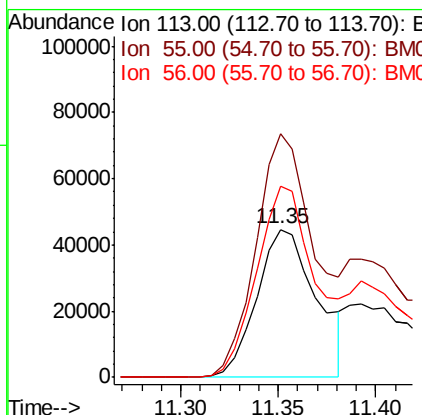
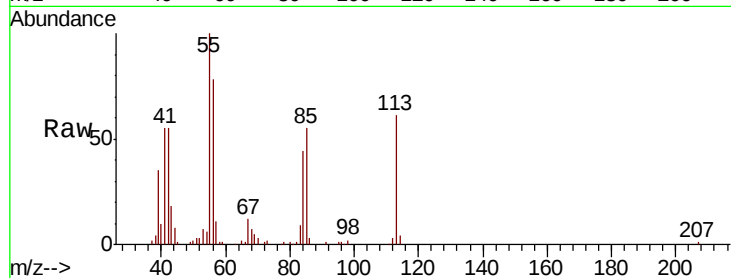




#35
Caprolactam
Concen: 18.094 ng
RT: 11.35 min Scan# 1422
Delta R.T. -0.02 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

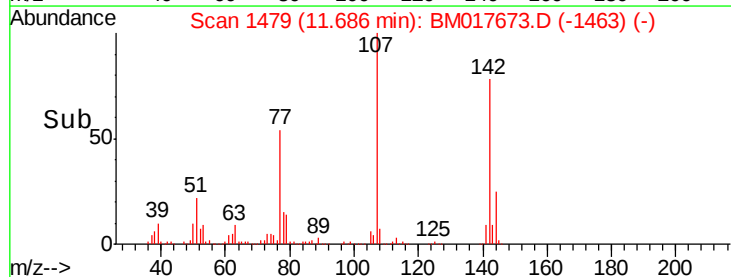
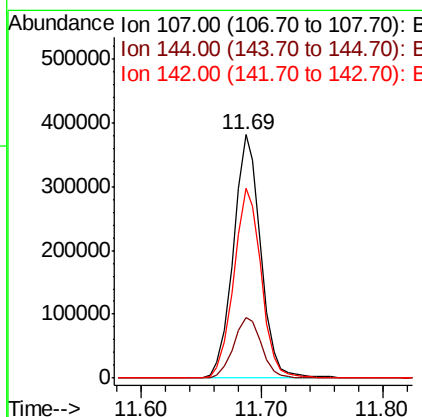
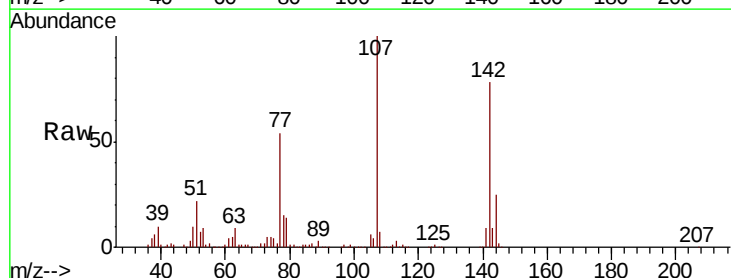
Instrument :
BNA_M
ClientSampleId :

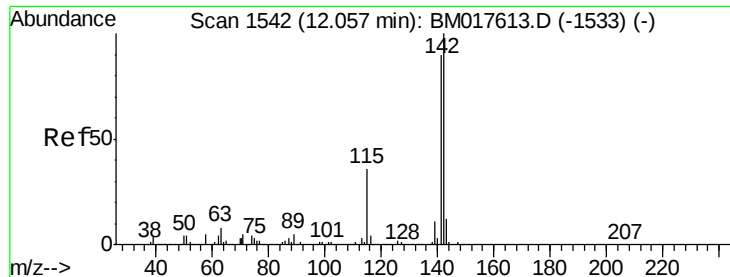
Tot Ion:113 Resp: 94719
Ion Ratio Lower Upper
113 100
55 164.8 153.1 193.1
56 129.3 112.7 152.7



#36
4-Chloro-3-methylphenol
Concen: 36.588 ng
RT: 11.69 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Tgt Ion:107 Resp: 600467
Ion Ratio Lower Upper
107 100
144 25.1 19.9 29.9
142 78.1 63.0 94.4

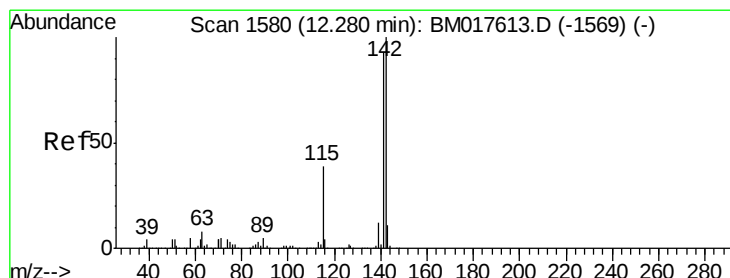
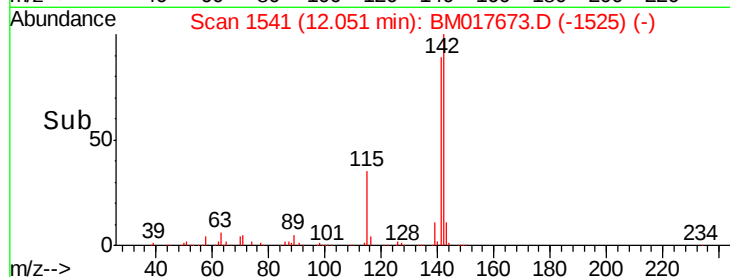
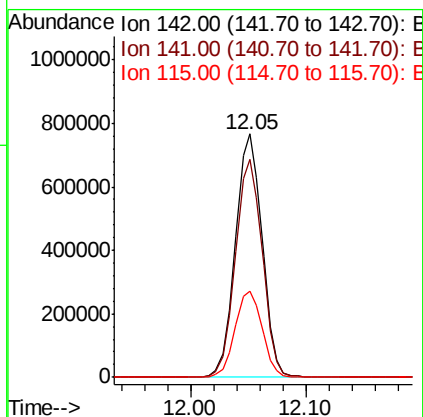
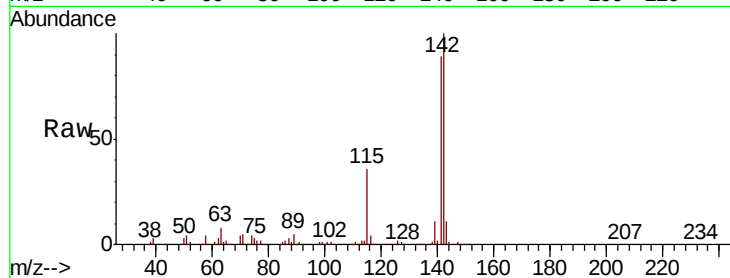




#37
 2-Methylnaphthalene
 Concen: 37.702 ng
 RT: 12.05 min Scan# 1541
 Delta R.T. -0.01 min
 Lab File: BM017673.D
 Acq: 16 Nov 2018 10:42

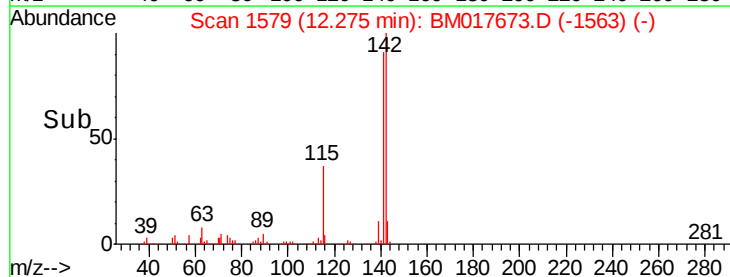
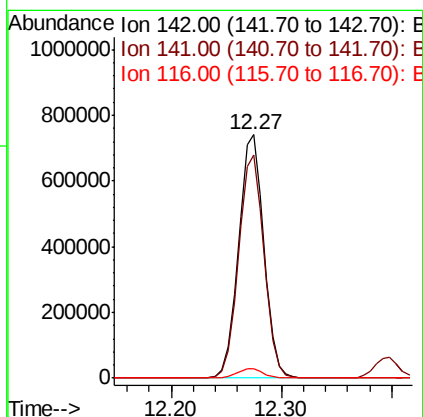
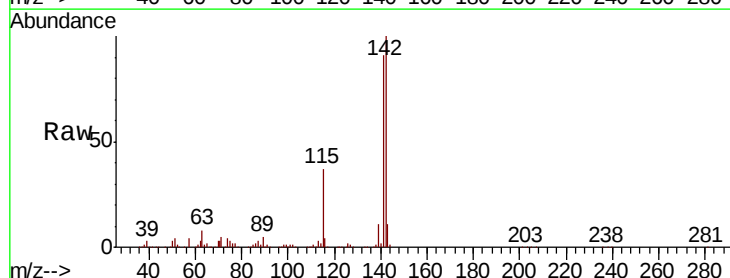
Instrument :
 BNA_M
 ClientSampleId :

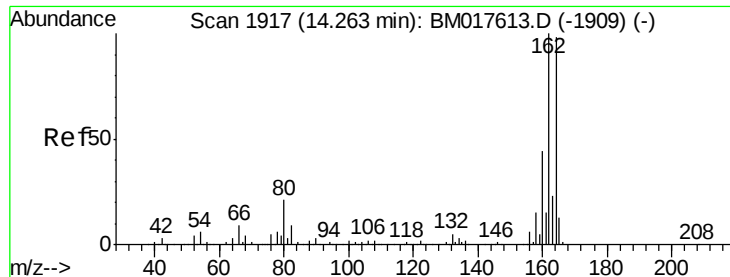
Tot Ion:142 Resp: 1229676
 Ion Ratio Lower Upper
 142 100
 141 89.5 72.2 108.4
 115 35.6 28.5 42.7



#38
 1-Methylnaphthalene
 Concen: 37.035 ng
 RT: 12.27 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BM017673.D
 Acq: 16 Nov 2018 10:42

Tgt Ion:142 Resp: 1184387
 Ion Ratio Lower Upper
 142 100
 141 91.4 74.2 111.4
 116 3.8 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: BM017673.D

Acq: 16 Nov 2018 10:42

Instrument :

BNA_M

ClientSampled :

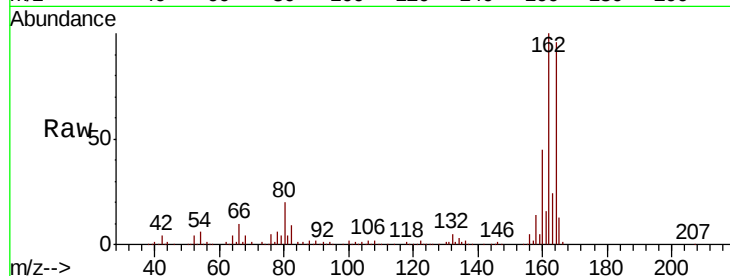
Tot Ion:164 Resp: 563805

Ion Ratio Lower Upper

164 100

162 103.6 81.4 122.0

160 46.2 35.6 53.4

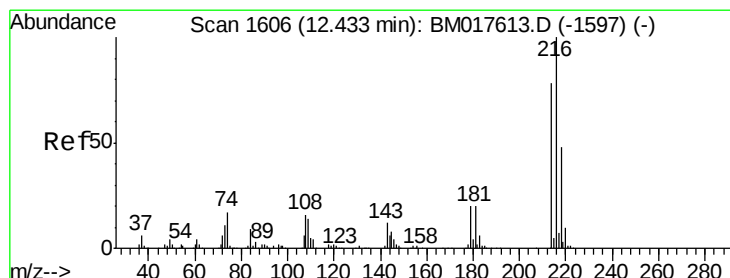
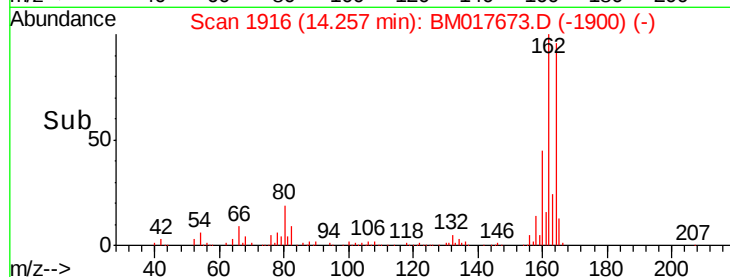
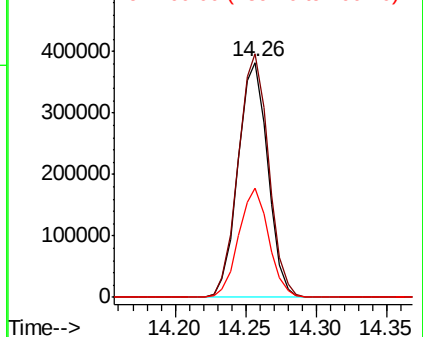


Abundance

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: 32.463 ng

RT: 12.42 min Scan# 1604

Delta R.T. -0.01 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

Tgt Ion:216 Resp: 645400

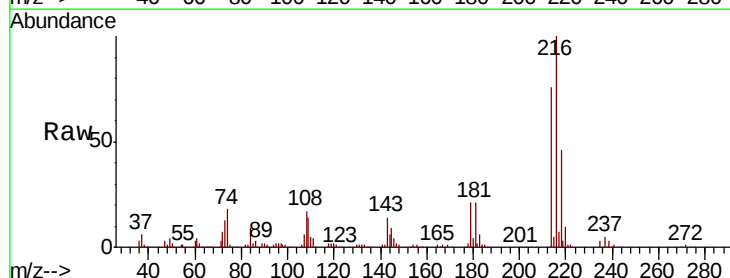
Ion Ratio Lower Upper

216 100

214 77.2 62.5 93.7

179 20.9 16.8 25.2

108 20.6 14.6 22.0



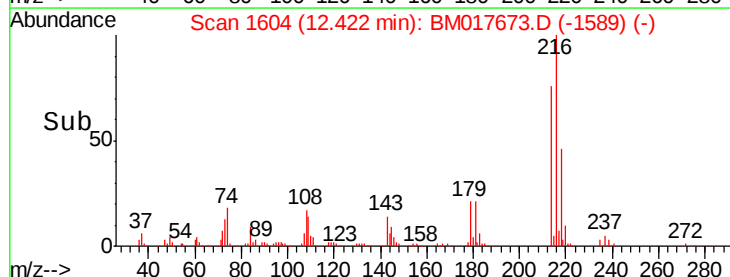
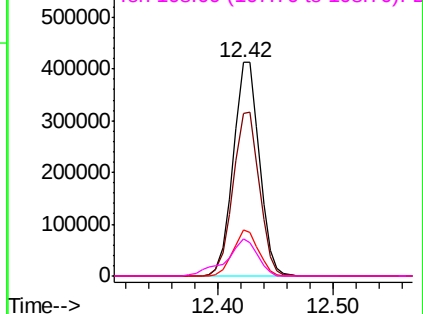
Abundance

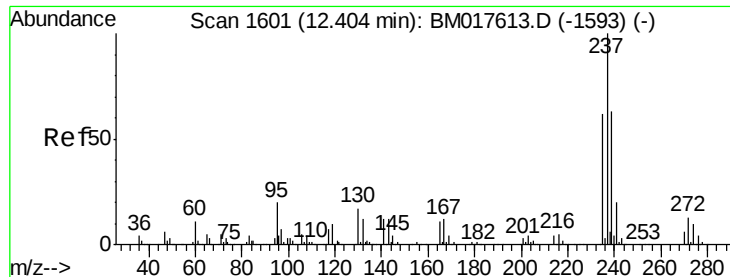
Ion 216.00 (215.70 to 216.70): E

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: 78.185 ng

RT: 12.40 min Scan# 1600

Delta R.T. -0.01 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

Instrument :

BNA_M

ClientSampleId :

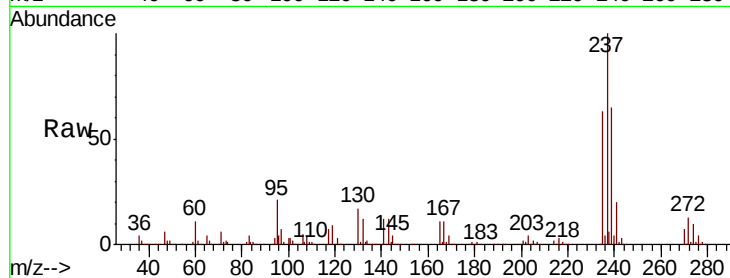
Tot Ion:237 Resp: 803219

Ion Ratio Lower Upper

237 100

235 63.2 42.2 82.2

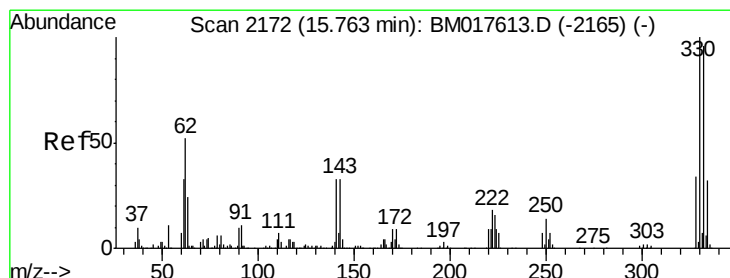
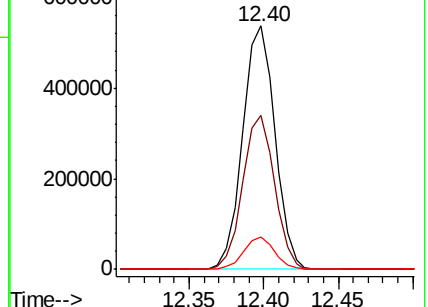
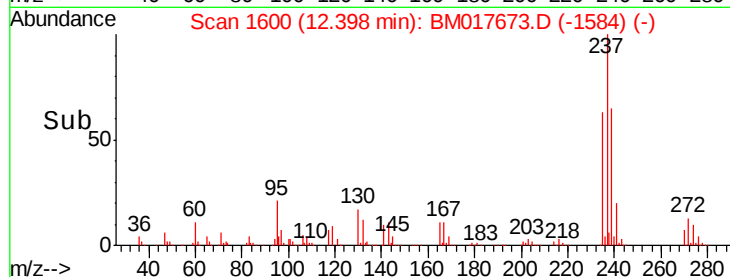
272 13.1 0.0 32.6



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: 107.018 ng

RT: 15.76 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

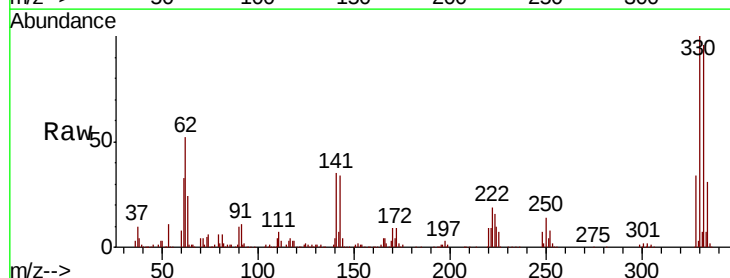
Tgt Ion:330 Resp: 866963

Ion Ratio Lower Upper

330 100

332 96.8 77.9 116.9

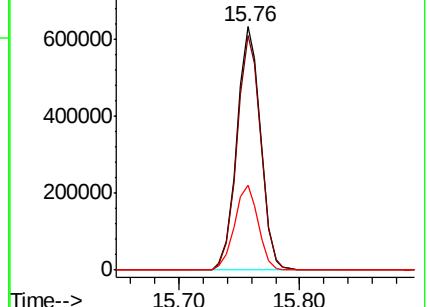
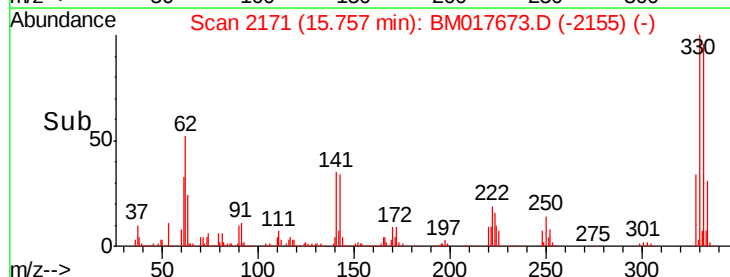
141 35.0 27.5 41.3

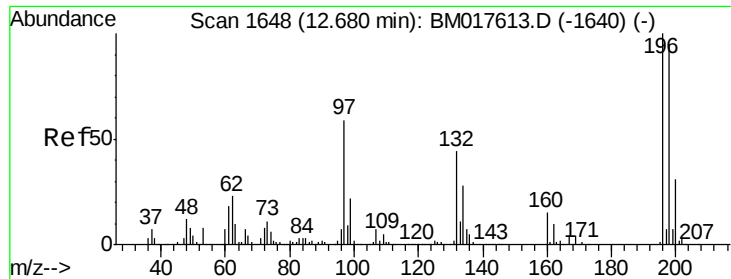


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

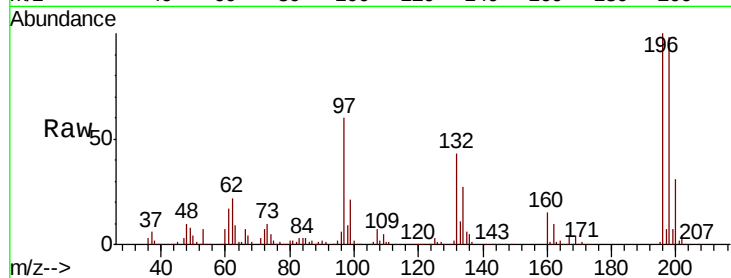




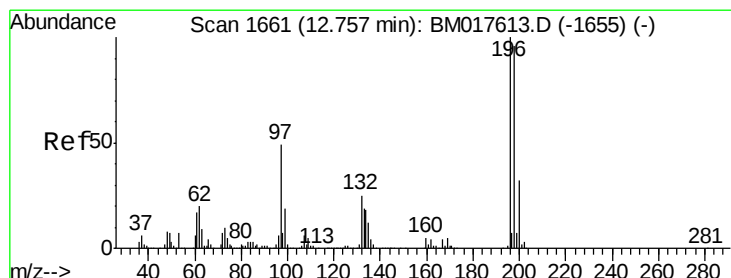
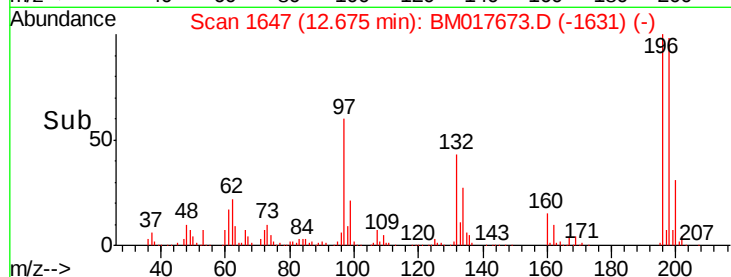
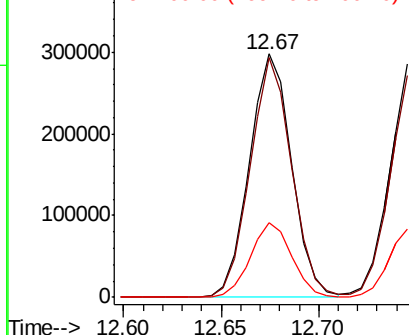
#43
 2,4,6-Trichlorophenol
 Concen: 35.738 ng
 RT: 12.67 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BM017673.D
 Acq: 16 Nov 2018 10:42

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:196 Resp: 445048
 Ion Ratio Lower Upper
 196 100
 198 98.4 75.6 113.4
 200 30.8 24.8 37.2

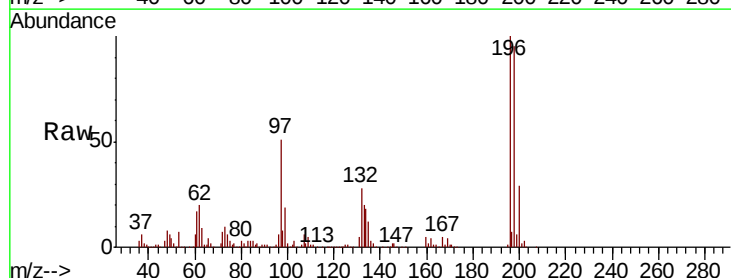


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

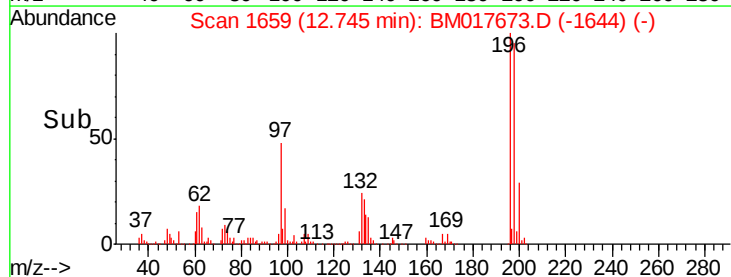
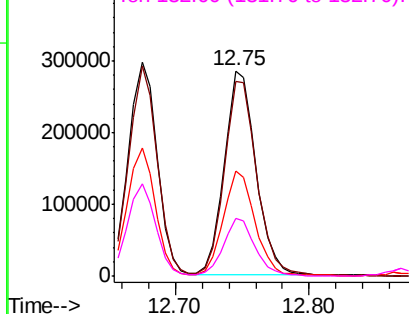


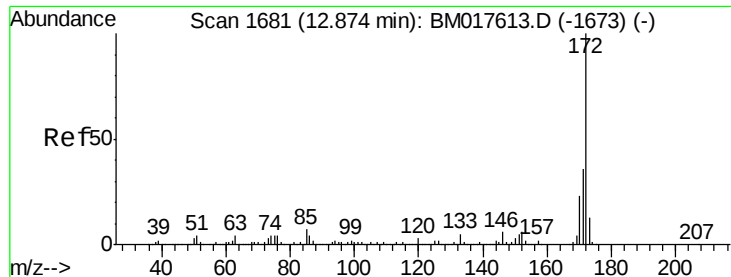
#44
 2,4,5-Trichlorophenol
 Concen: 36.138 ng
 RT: 12.75 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BM017673.D
 Acq: 16 Nov 2018 10:42

Tgt Ion:196 Resp: 475171
 Ion Ratio Lower Upper
 196 100
 198 94.7 76.8 115.2
 97 51.2 39.0 58.6
 132 28.0 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

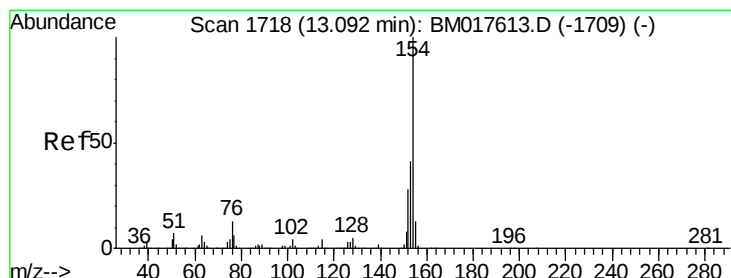
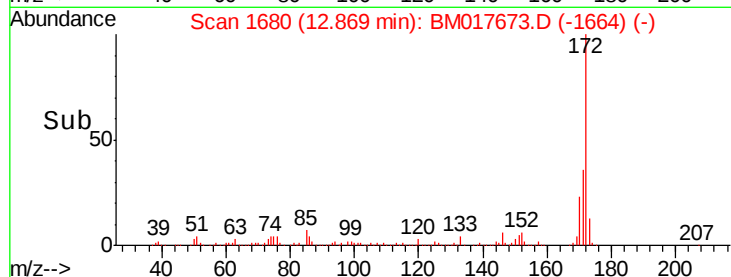
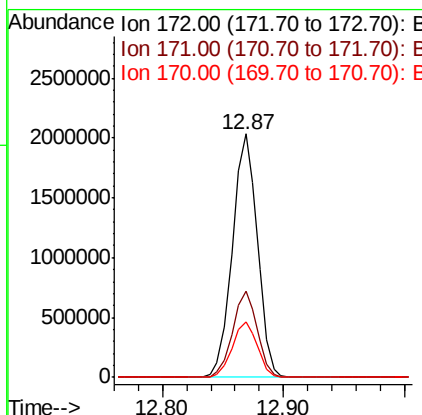
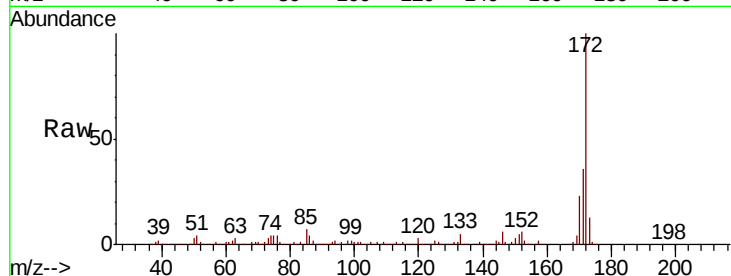




#45
2-Fluorobiphenyl
Concen: 67.538 ng
RT: 12.87 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

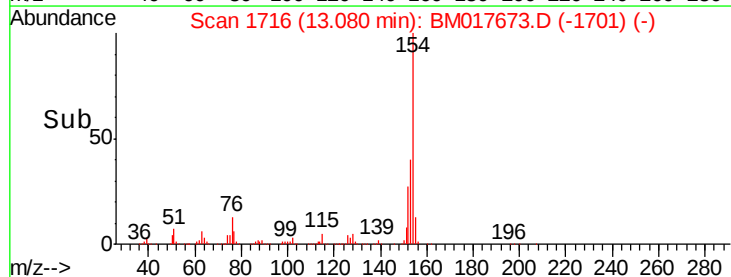
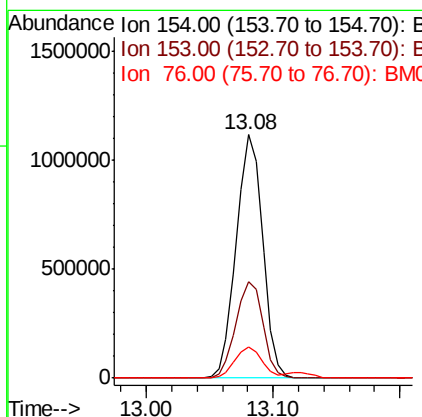
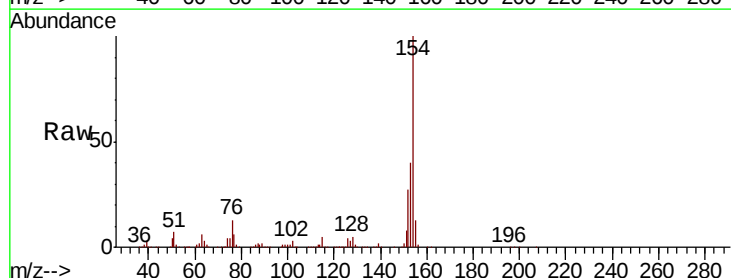
Instrument :
BNA_M
ClientSampled :

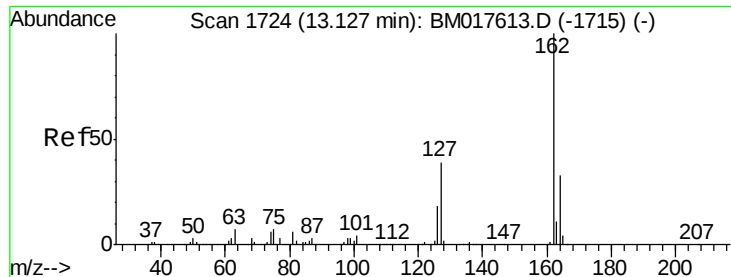
Tot Ion:172 Resp: 2935110
Ion Ratio Lower Upper
172 100
171 35.6 28.7 43.1
170 22.8 18.3 27.5



#46
1,1'-Biphenyl
Concen: 31.908 ng
RT: 13.08 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Tgt Ion:154 Resp: 1614784
Ion Ratio Lower Upper
154 100
153 39.7 20.8 60.8
76 12.9 0.0 32.8

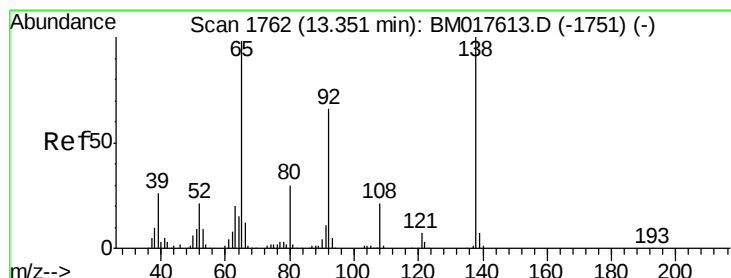
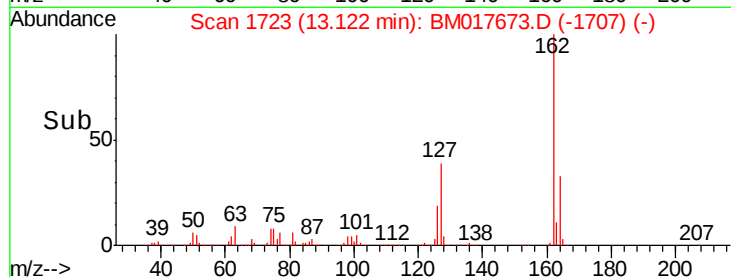
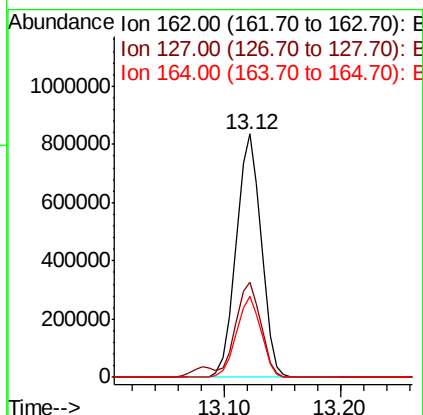
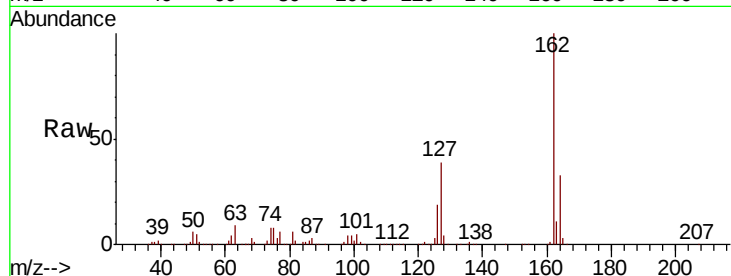




#47
 2-Chloronaphthalene
 Concen: 33.323 ng
 RT: 13.12 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BM017673.D
 Acq: 16 Nov 2018 10:42

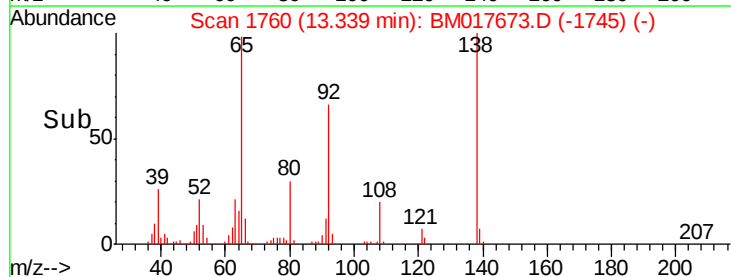
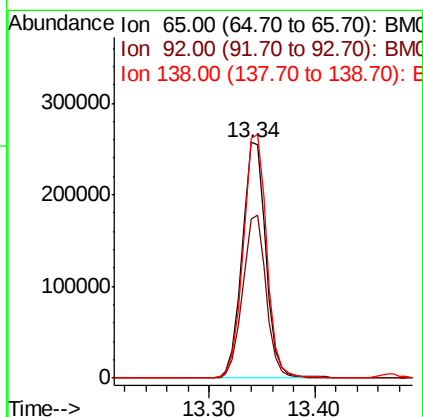
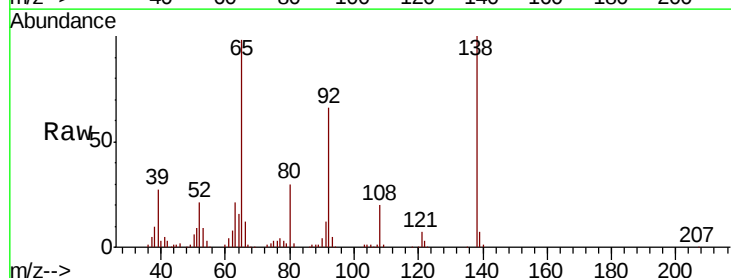
Instrument :
 BNA_M
 ClientSampled :

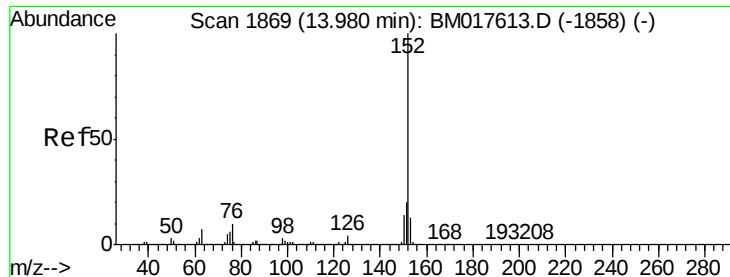
Tot Ion:162 Resp: 1251716
 Ion Ratio Lower Upper
 162 100
 127 39.3 32.6 48.8
 164 33.1 26.5 39.7



#48
 2-Nitroaniline
 Concen: 34.417 ng
 RT: 13.34 min Scan# 1760
 Delta R.T. -0.01 min
 Lab File: BM017673.D
 Acq: 16 Nov 2018 10:42

Tgt Ion: 65 Resp: 399812
 Ion Ratio Lower Upper
 65 100
 92 67.6 53.7 80.5
 138 101.7 81.5 122.3





#49

Acenaphthylene

Concen: 36.689 ng

RT: 13.97 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

Instrument :

BNA_M

ClientSampleId :

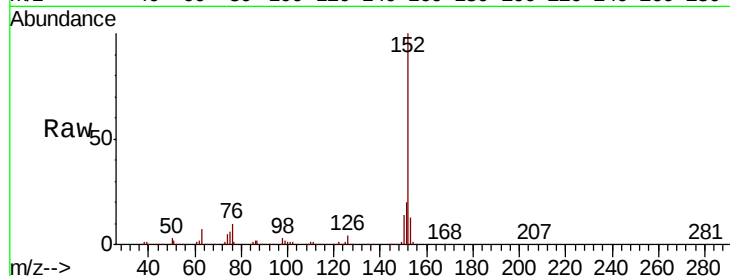
Tot Ion:152 Resp: 2070638

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

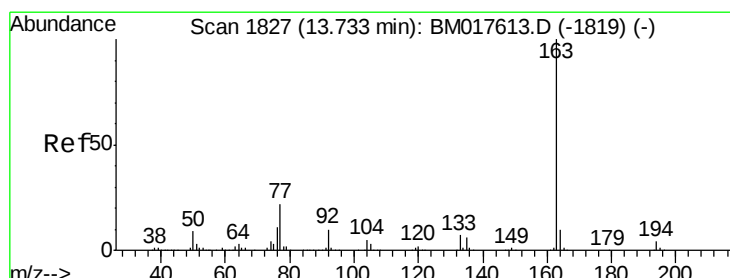
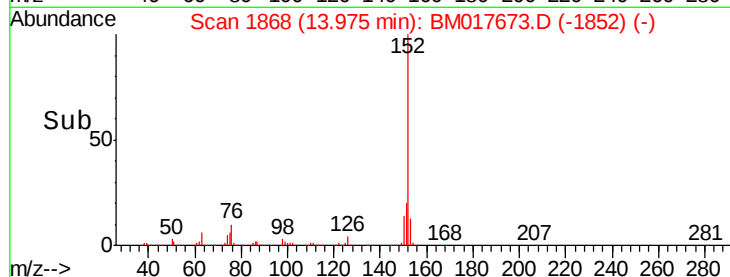
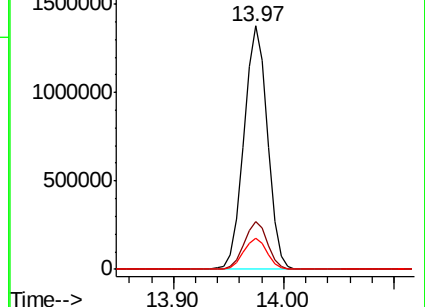
153 13.0 10.5 15.7



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: 35.281 ng

RT: 13.73 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

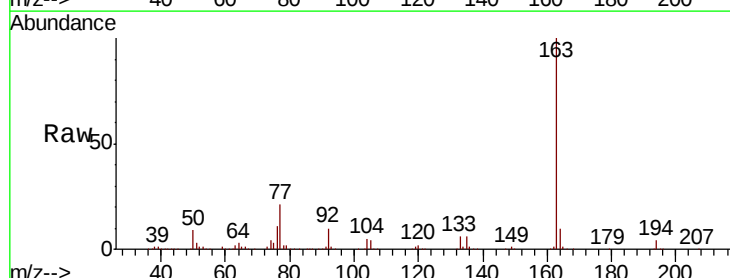
Tgt Ion:163 Resp: 1617269

Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

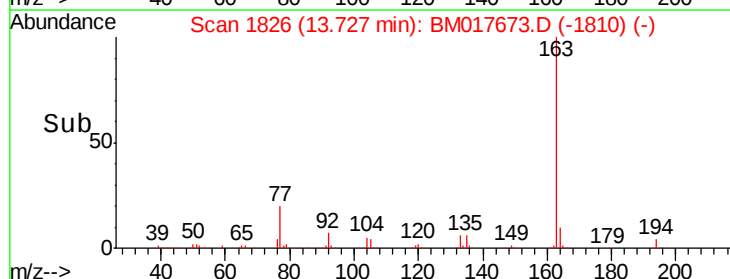
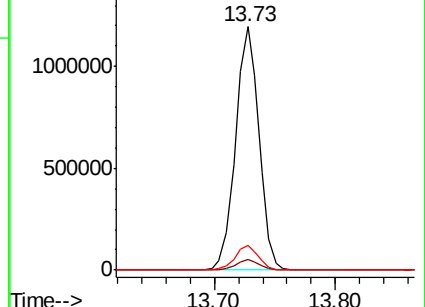
164 10.0 8.2 12.4

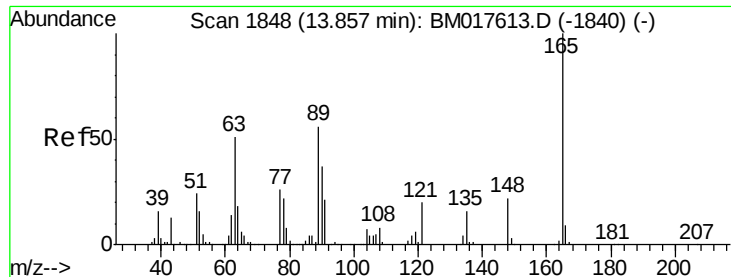


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

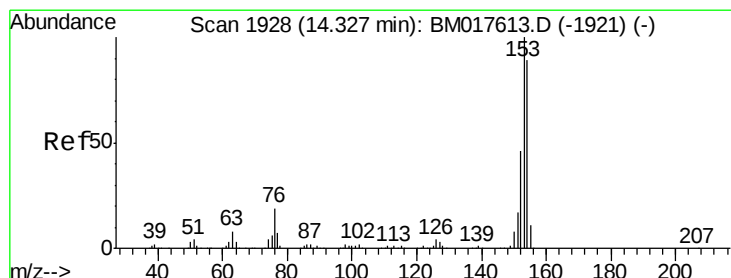
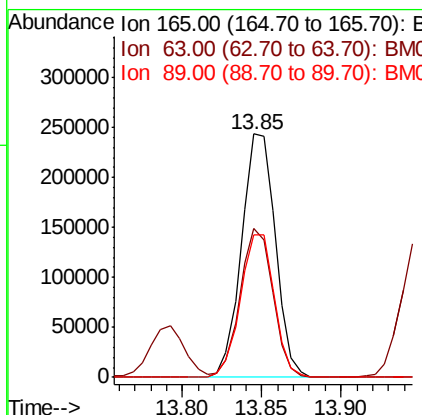
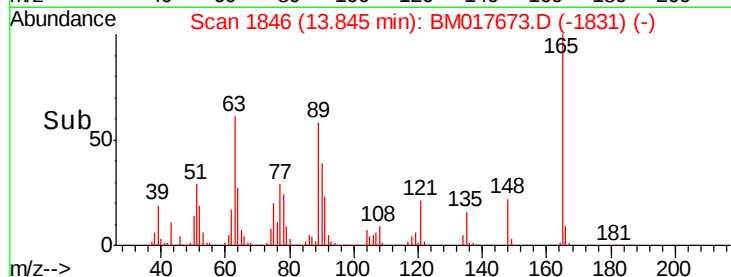
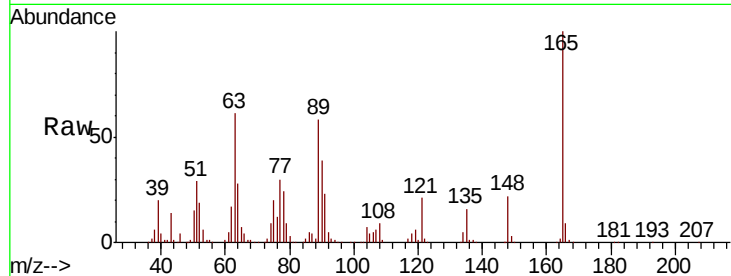




#51
 2,6-Dinitrotoluene
 Concen: 35.469 ng
 RT: 13.85 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BM017673.D
 Acq: 16 Nov 2018 10:42

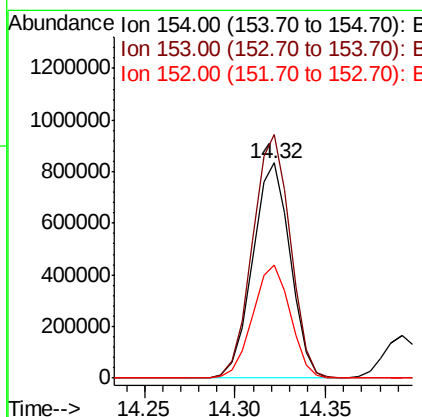
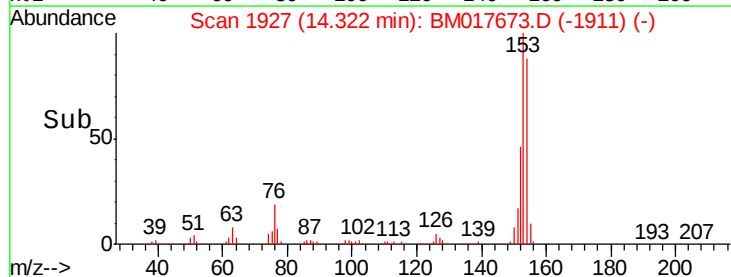
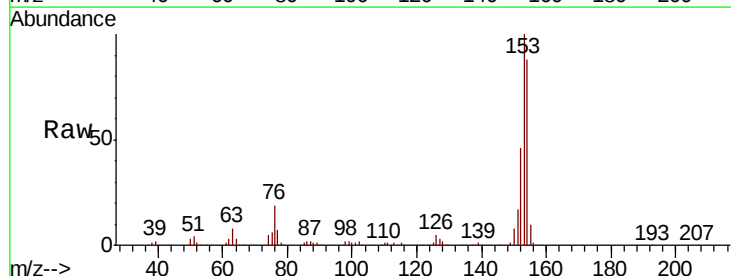
Instrument :
 BNA_M
 ClientSampleId :

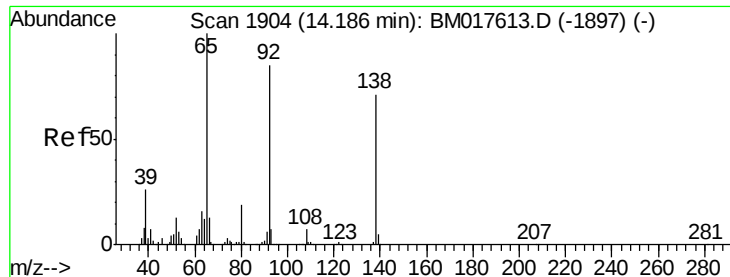
Tot Ion:165 Resp: 362044
 Ion Ratio Lower Upper
 165 100
 63 61.2 47.3 70.9
 89 58.4 44.8 67.2



#52
 Acenaphthene
 Concen: 34.576 ng
 RT: 14.32 min Scan# 1927
 Delta R.T. -0.01 min
 Lab File: BM017673.D
 Acq: 16 Nov 2018 10:42

Tgt Ion:154 Resp: 1197556
 Ion Ratio Lower Upper
 154 100
 153 113.3 90.2 135.4
 152 52.6 41.6 62.4

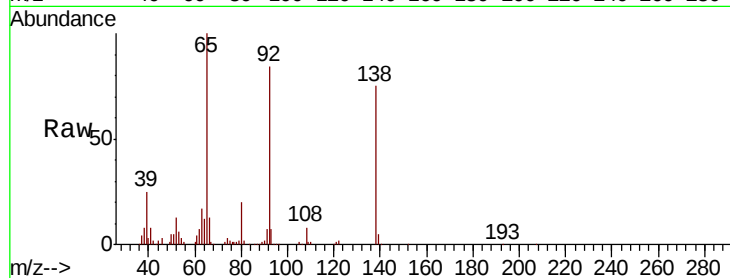




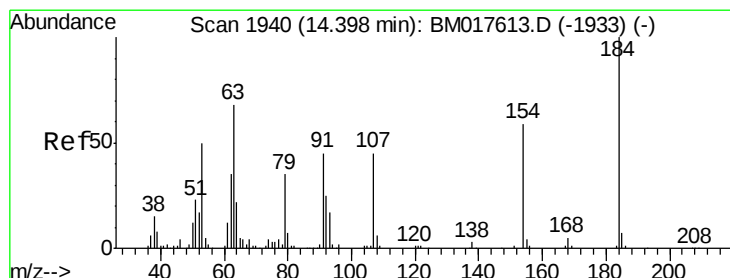
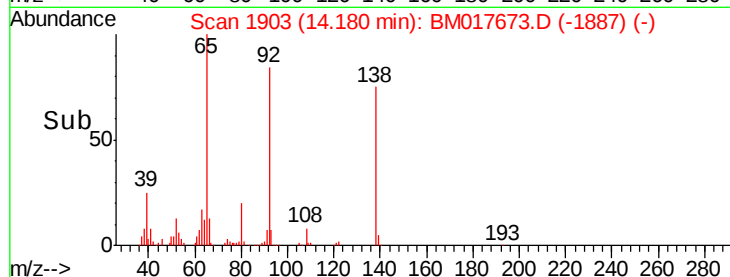
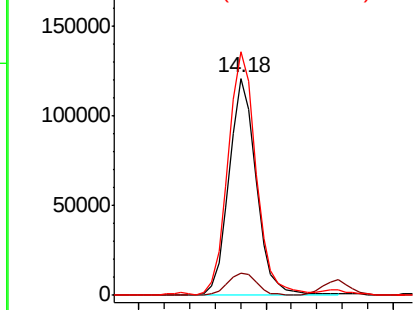
#53
3-Nitroaniline
Concen: 16.161 ng
RT: 14.18 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Instrument :
BNA_M
ClientSampleId :

Tot Ion:138 Resp: 179603
Ion Ratio Lower Upper
138 100
108 10.3 8.2 12.2
92 112.2 95.4 143.2

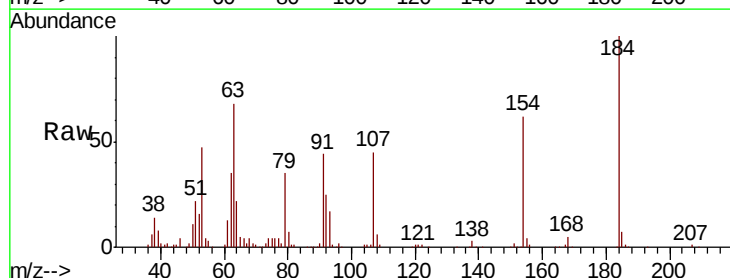


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

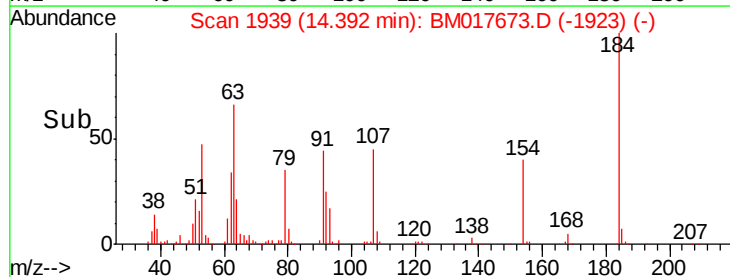
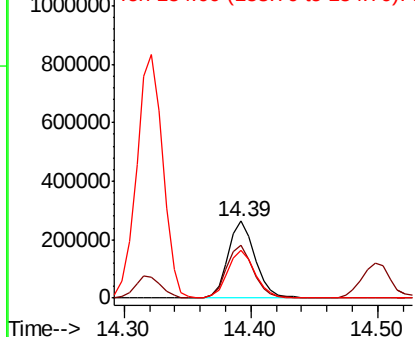


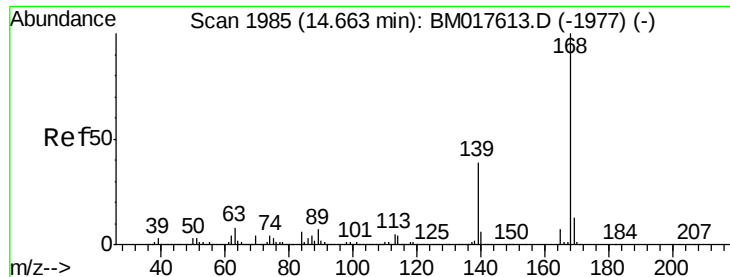
#54
2,4-Dinitrophenol
Concen: 64.309 ng
RT: 14.39 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Tgt Ion:184 Resp: 391200
Ion Ratio Lower Upper
184 100
63 68.3 55.1 82.7
154 62.0 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: 34.948 ng

RT: 14.66 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

Instrument :

BNA_M

ClientSampleId :

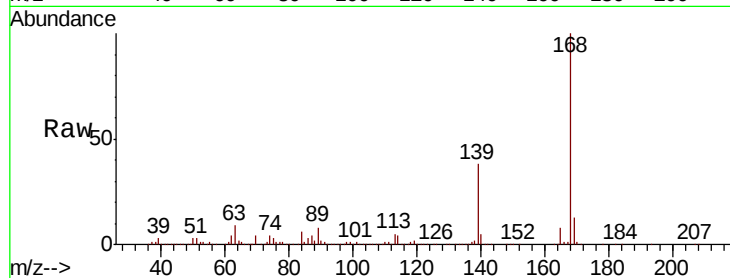
Tot Ion:168 Resp: 1978094

Ion Ratio Lower Upper

168 100

139 37.6 31.0 46.6

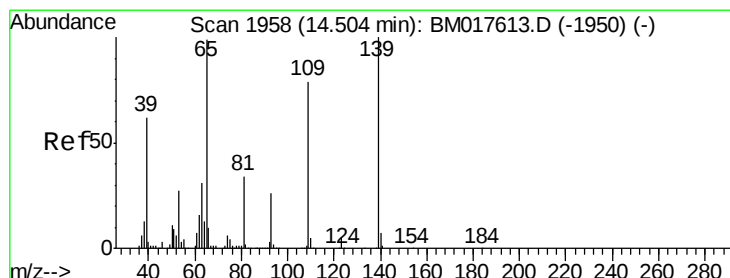
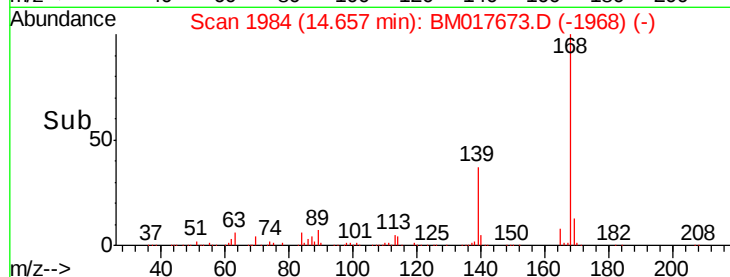
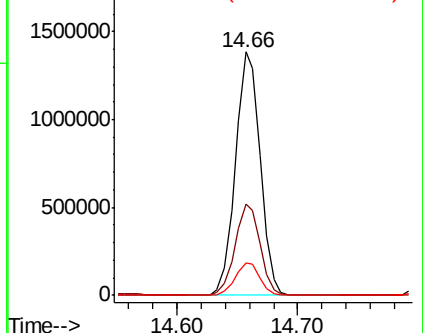
169 13.2 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 66.472 ng

RT: 14.50 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

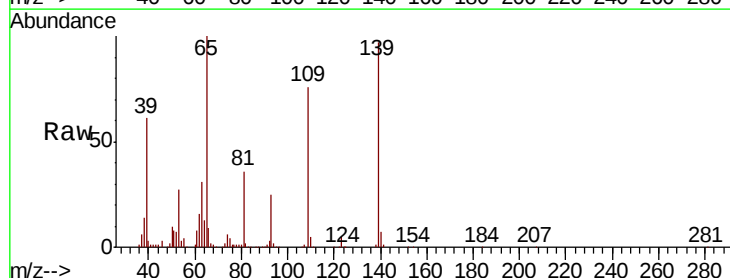
Tgt Ion:139 Resp: 612582

Ion Ratio Lower Upper

139 100

109 78.6 58.6 98.6

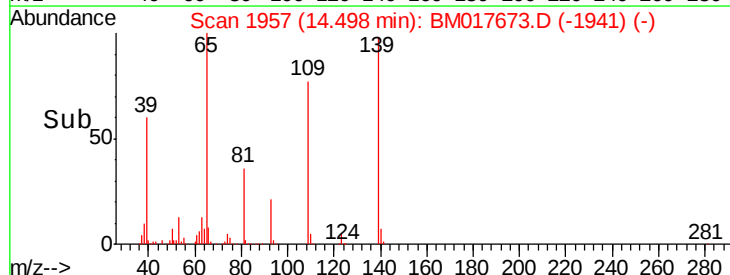
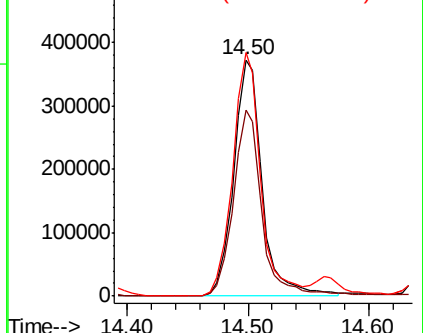
65 103.1 79.5 119.5

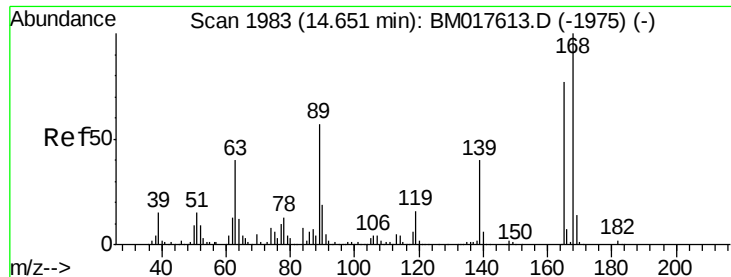


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

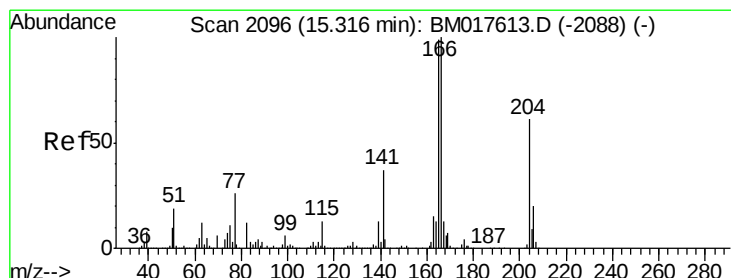
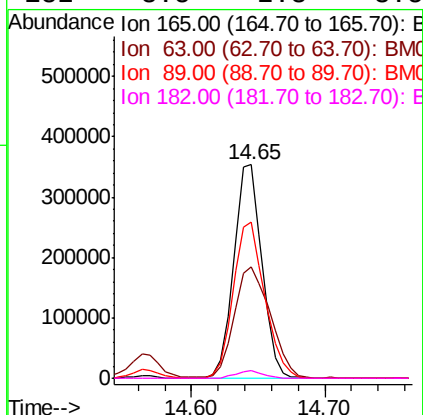
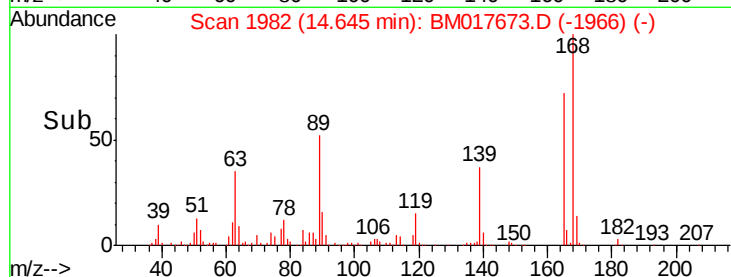
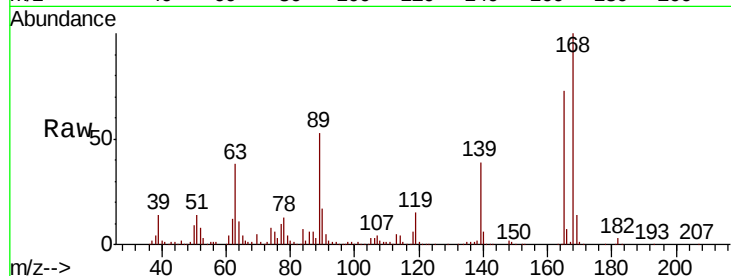




#57
2,4-Dinitrotoluene
Concen: 37.573 ng
RT: 14.65 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

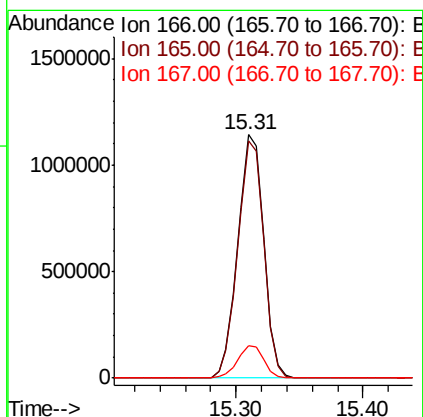
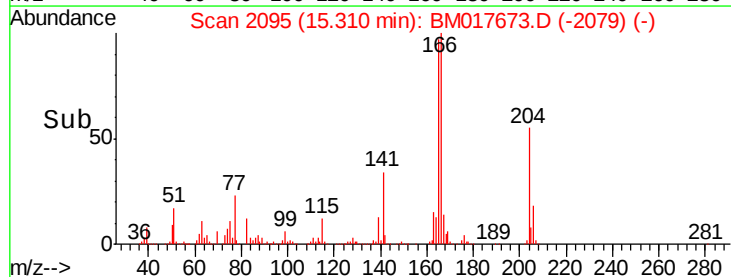
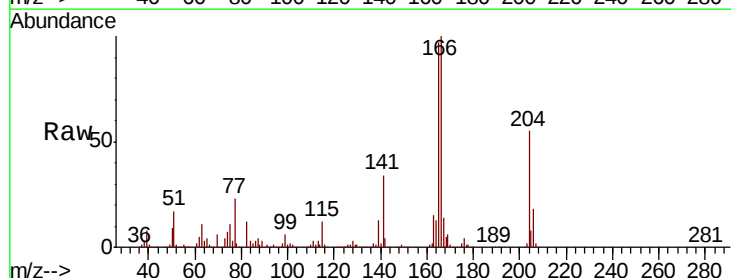
Instrument :
BNA_M
ClientSampleId :

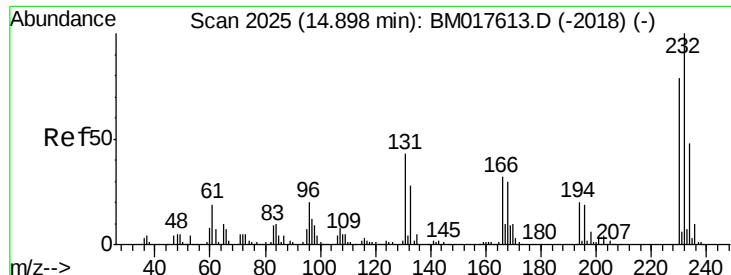
Tot Ion:165 Resp: 516983
Ion Ratio Lower Upper
165 100
63 52.0 41.8 62.8
89 73.0 59.5 89.3
182 3.5 2.3 3.5#



#58
Fluorene
Concen: 37.219 ng
RT: 15.31 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Tgt Ion:166 Resp: 1612751
Ion Ratio Lower Upper
166 100
165 97.5 79.0 118.6
167 13.5 10.8 16.2

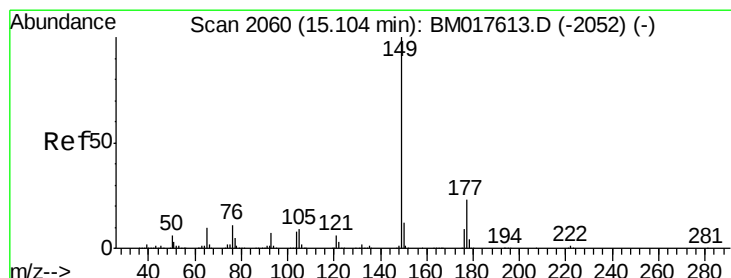
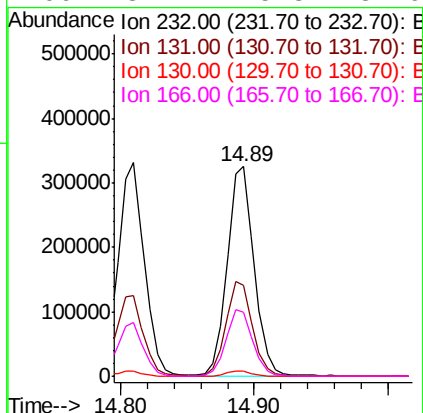
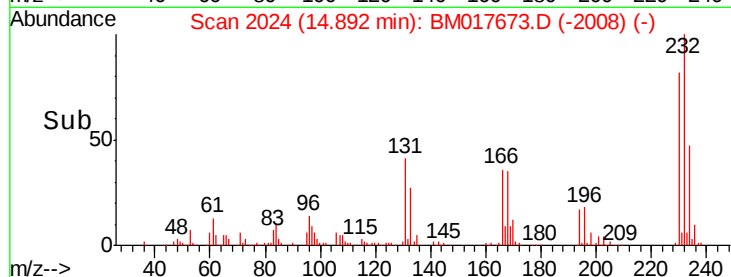
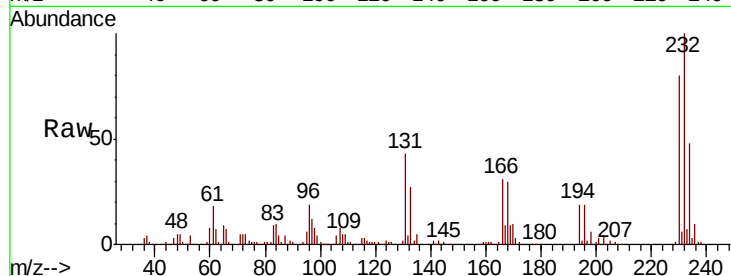




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.700 ng
 RT: 14.89 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BM017673.D
 Acq: 16 Nov 2018 10:42

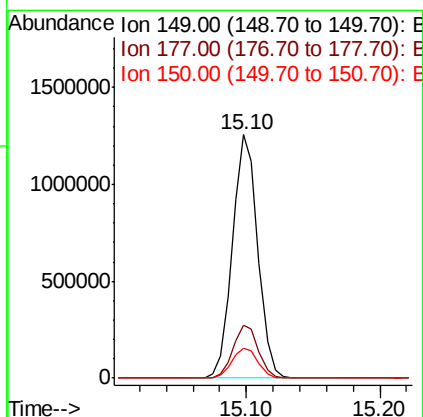
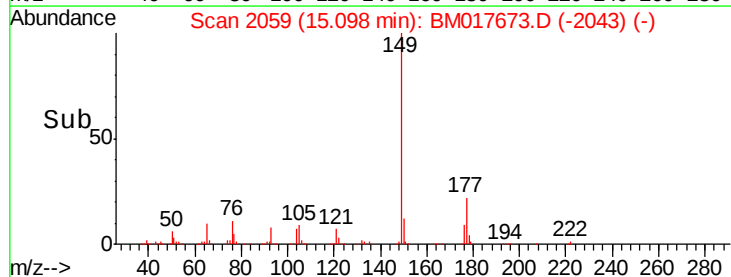
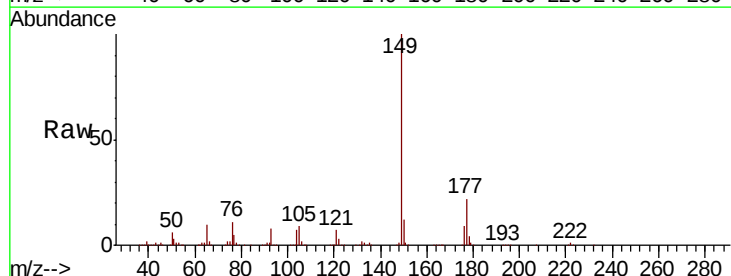
Instrument :
 BNA_M
 ClientSampleId :

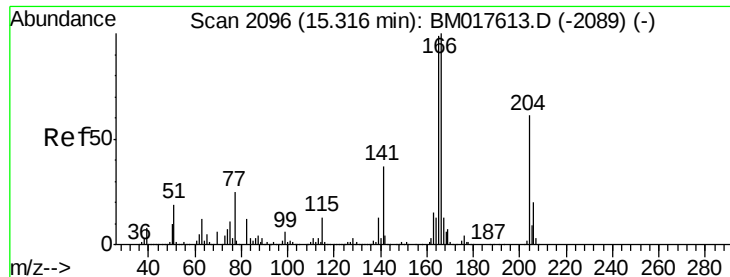
Tot Ion	Ratio	Lower	Upper
232	100		
131	44.7	34.8	52.2
130	2.4	1.9	2.9
166	32.2	25.3	37.9



#60
 Diethylphthalate
 Concen: 33.386 ng
 RT: 15.10 min Scan# 2059
 Delta R.T. -0.01 min
 Lab File: BM017673.D
 Acq: 16 Nov 2018 10:42

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.8	18.1	27.1
150	12.3	9.9	14.9

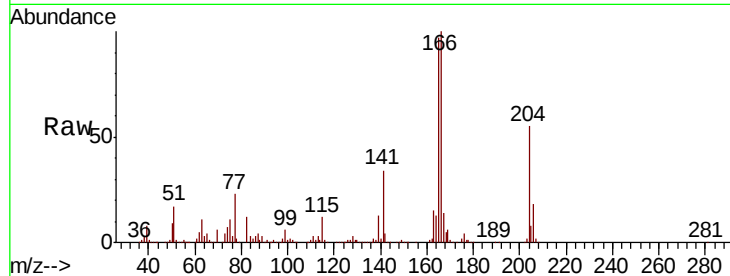




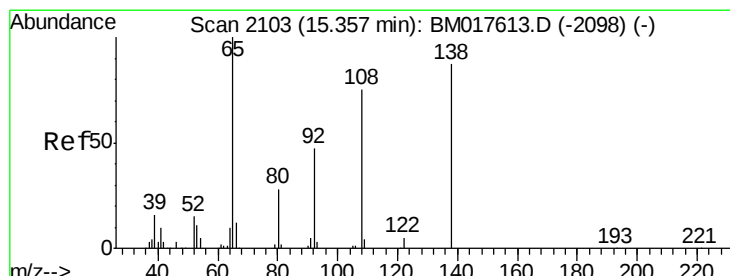
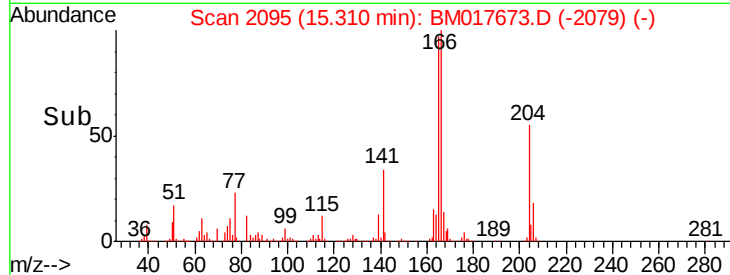
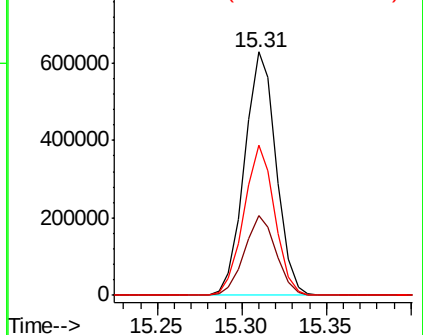
#61
4-Chlorophenyl-phenylether
Concen: 33.311 ng
RT: 15.31 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Instrument :
BNA_M
ClientSampled :

Tot Ion:204 Resp: 820088
Ion Ratio Lower Upper
204 100
206 32.7 25.9 38.9
141 61.8 47.9 71.9

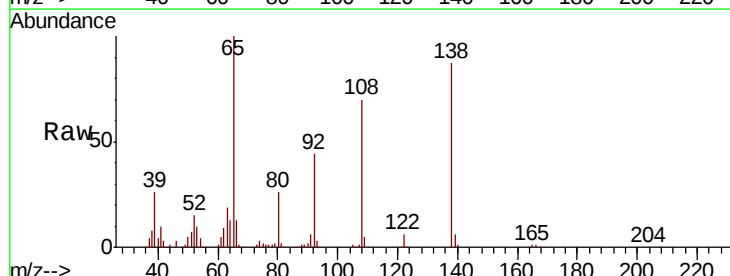


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

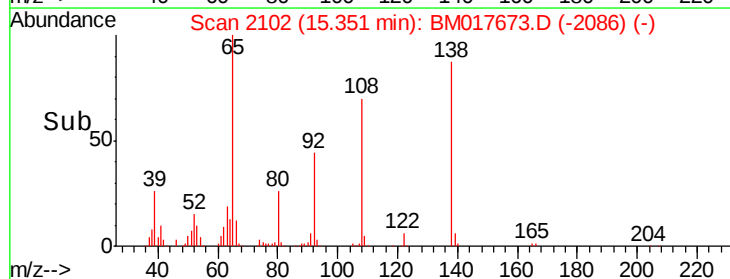
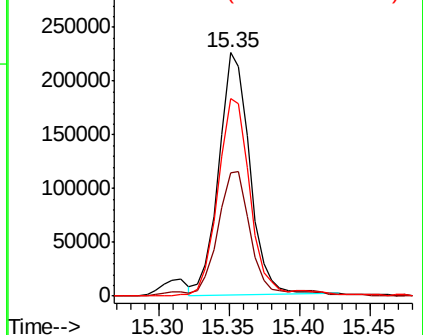


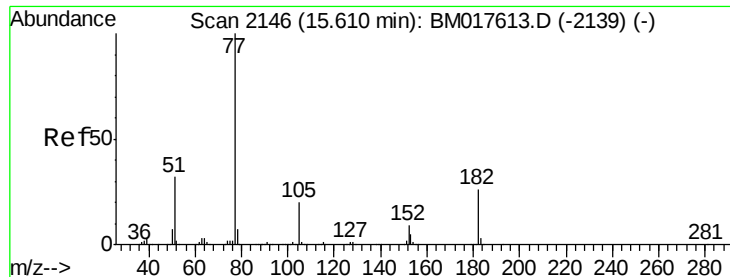
#62
4-Nitroaniline
Concen: 32.856 ng
RT: 15.35 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Tgt Ion:138 Resp: 344122
Ion Ratio Lower Upper
138 100
92 50.5 33.4 73.4
108 81.2 64.3 104.3



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

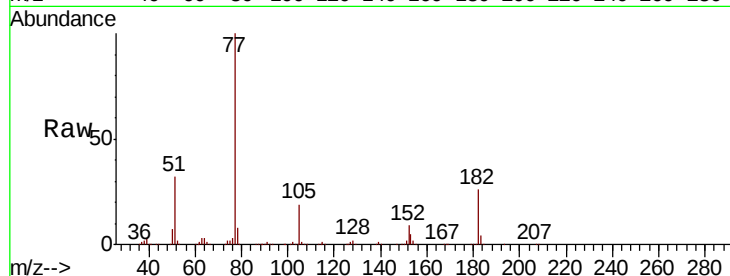




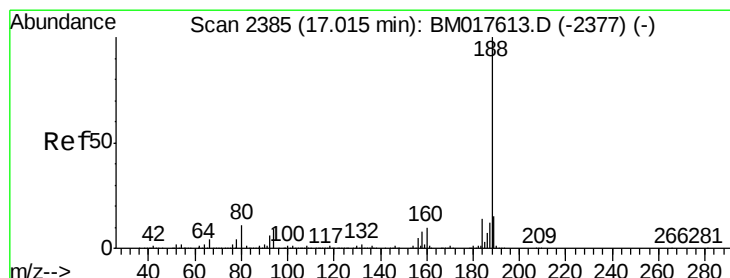
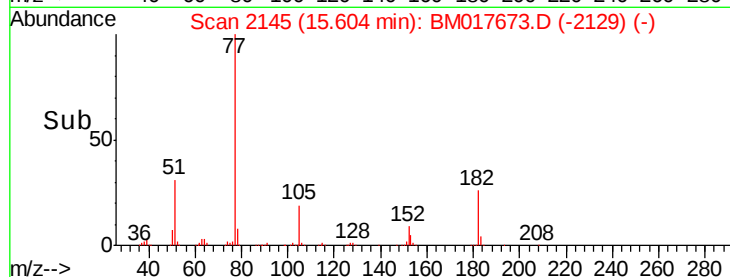
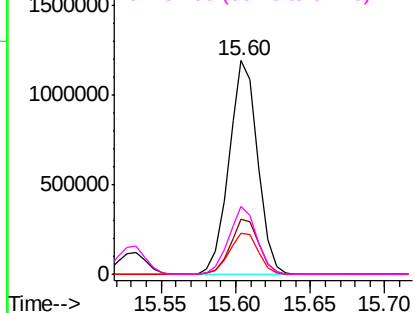
#63
Azobenzene
Concen: 34.812 ng
RT: 15.60 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 77 Resp: 1593878
Ion Ratio Lower Upper
77 100
182 25.8 5.8 45.8
105 19.2 0.0 40.0
51 31.6 12.5 52.5

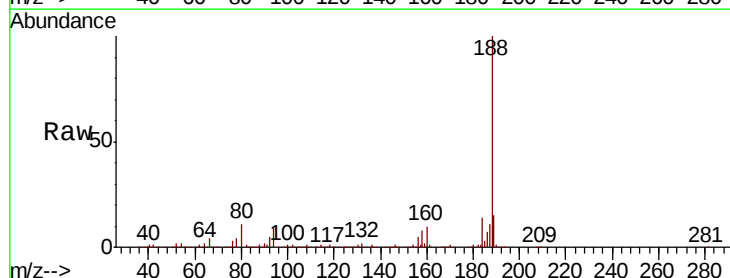


Abundance Ion 77.00 (76.70 to 77.70): BM0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BM0

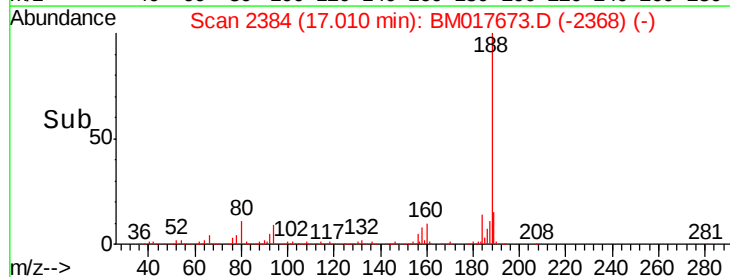
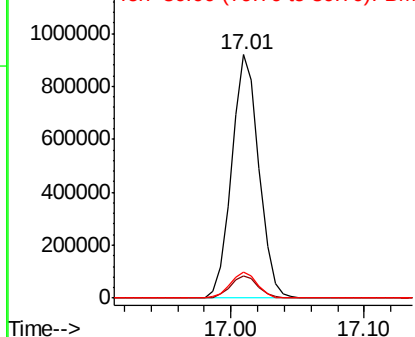


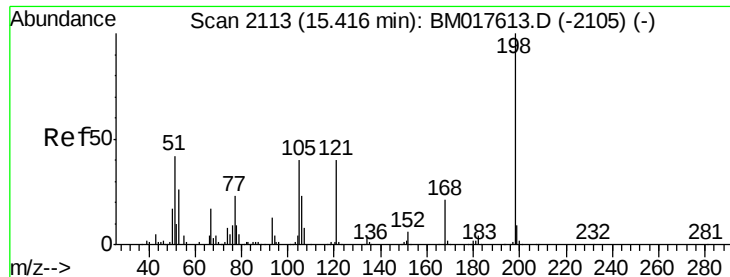
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.01 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Tgt Ion: 188 Resp: 1304000
Ion Ratio Lower Upper
188 100
94 9.1 7.5 11.3
80 10.5 8.6 13.0



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

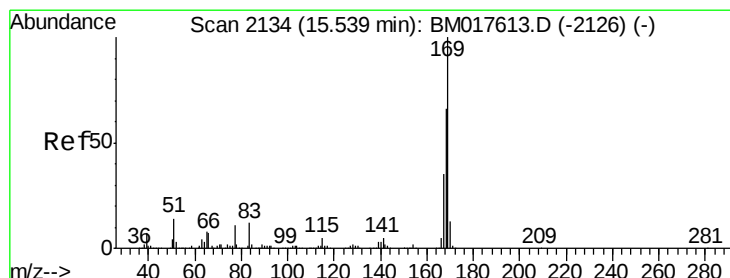
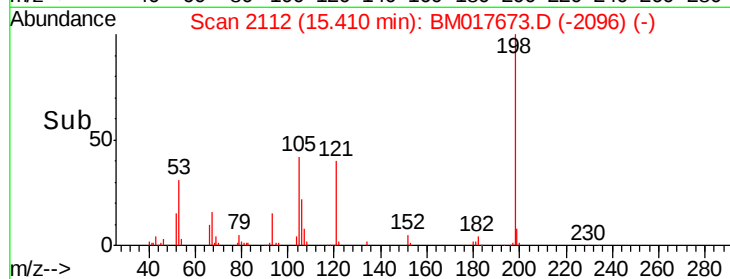
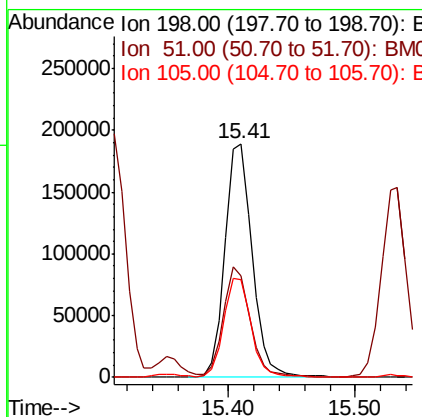
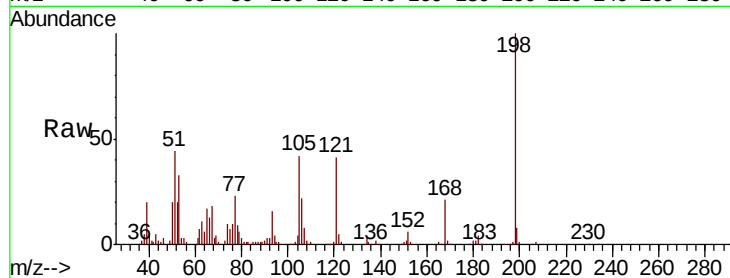




#65
4,6-Dinitro-2-methylphenol
Concen: 31.208 ng
RT: 15.41 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

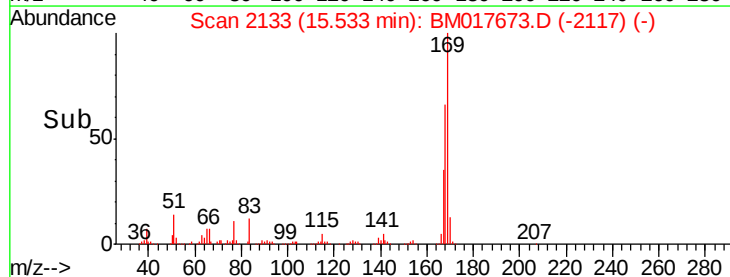
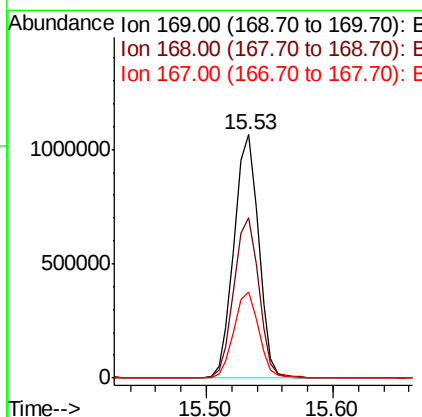
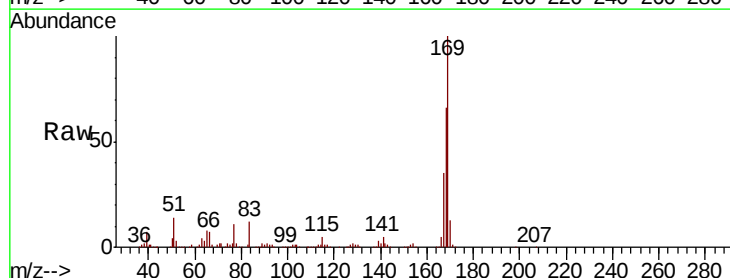
Instrument :
BNA_M
ClientSampled :

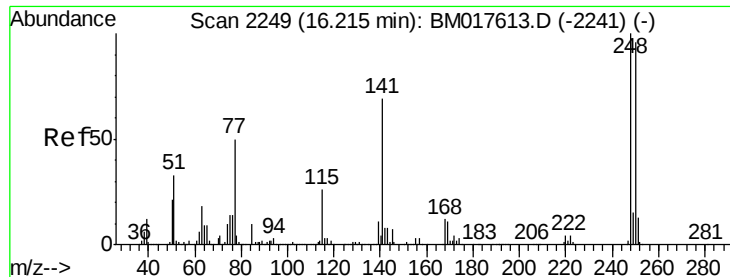
Tot Ion	Ratio	Lower	Upper
198	100		
51	43.7	25.9	65.9
105	42.1	20.6	60.6



#66
n-Nitrosodiphenylamine
Concen: 33.925 ng
RT: 15.53 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.7	53.0	79.6
167	35.3	28.0	42.0

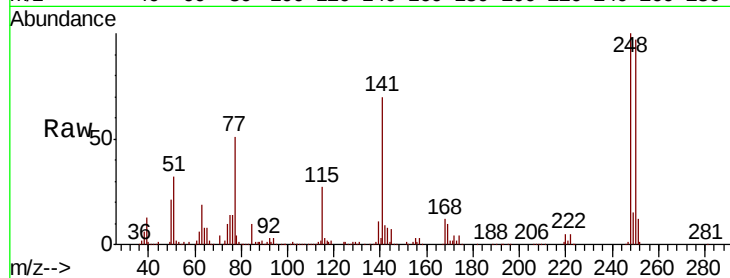




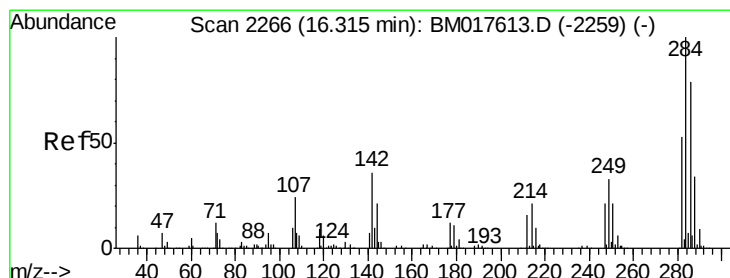
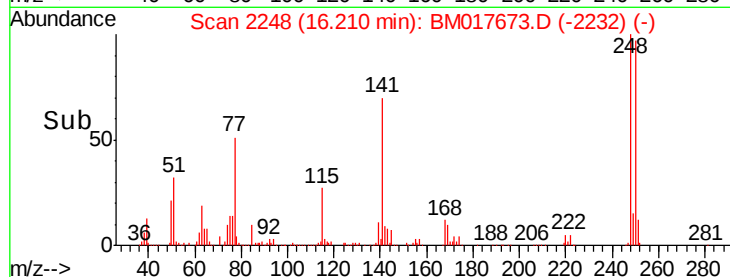
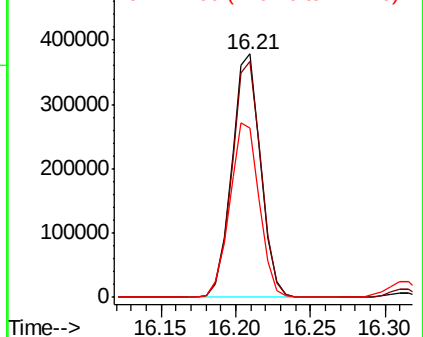
#67
4-Bromophenyl-phenylether
Concen: 33.092 ng
RT: 16.21 min Scan# 2248
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Instrument :
BNA_M
ClientSampled :

Tot Ion:248 Resp: 510356
Ion Ratio Lower Upper
248 100
250 96.7 76.5 114.7
141 69.7 54.9 82.3

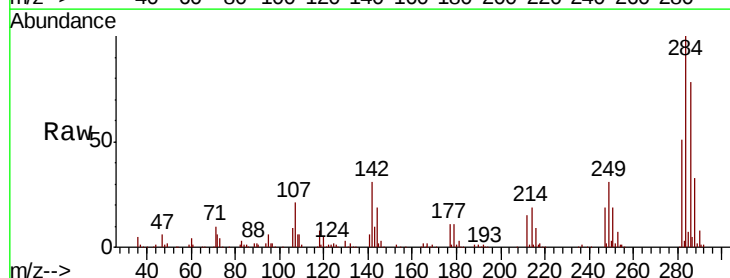


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

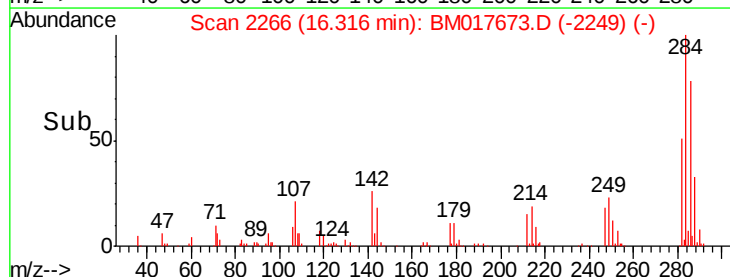
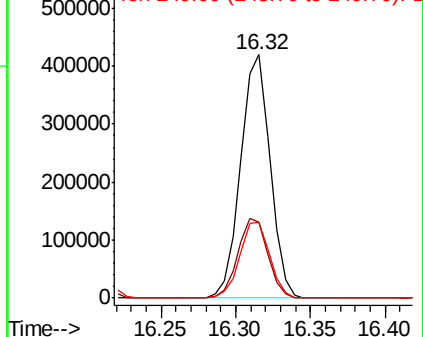


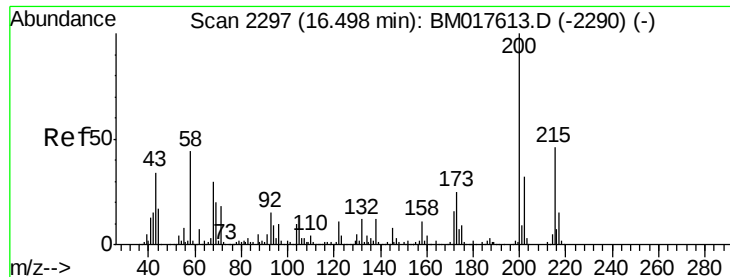
#68
Hexachlorobenzene
Concen: 33.006 ng
RT: 16.32 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Tgt Ion:284 Resp: 573837
Ion Ratio Lower Upper
284 100
142 31.2 28.4 42.6
249 31.3 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: 33.800 ng

RT: 16.49 min Scan# 2296

Delta R.T. -0.01 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

Instrument :

BNA_M

ClientSampleId :

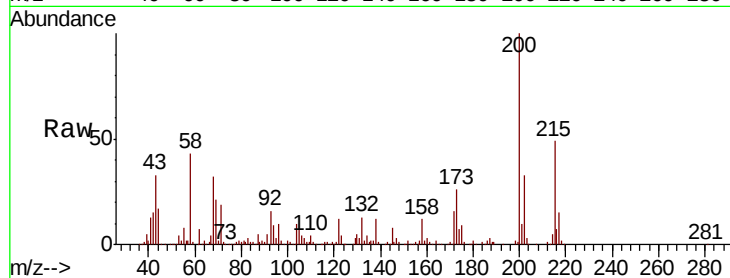
Tot Ion:200 Resp: 521203

Ion Ratio Lower Upper

200 100

173 26.0 5.1 45.1

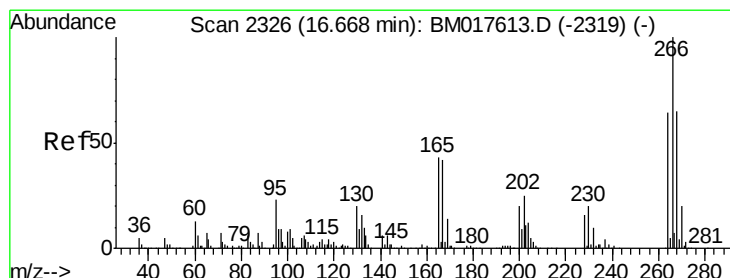
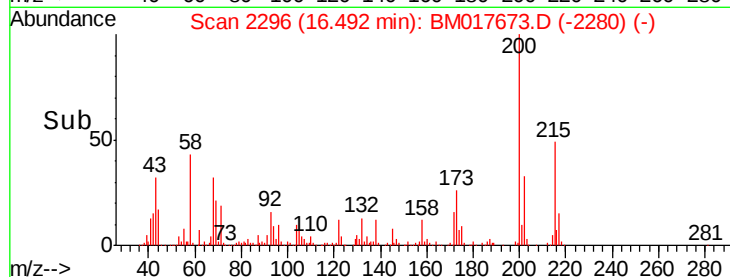
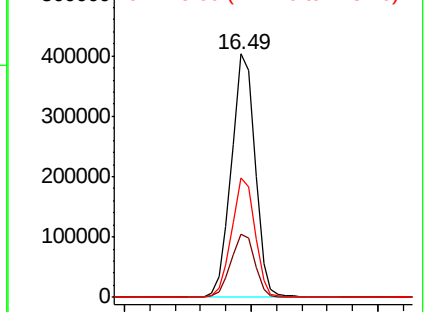
215 48.9 25.8 65.8



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: 58.297 ng

RT: 16.66 min Scan# 2325

Delta R.T. -0.01 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

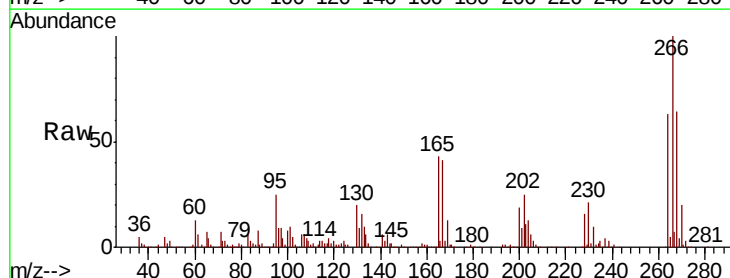
Tgt Ion:266 Resp: 710165

Ion Ratio Lower Upper

266 100

268 63.7 51.7 77.5

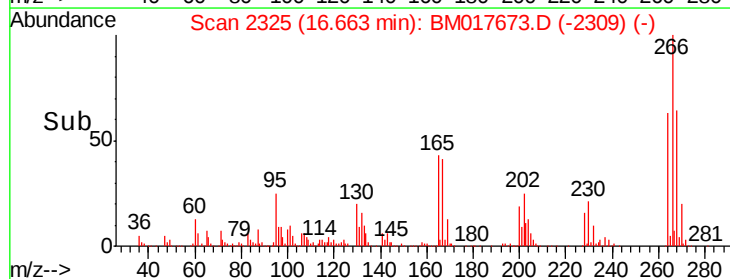
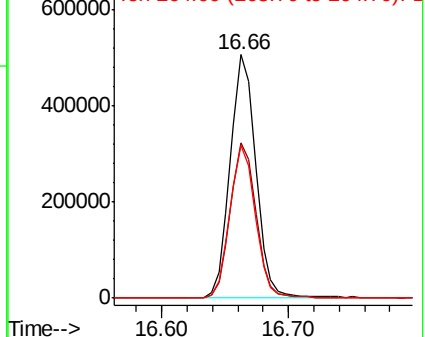
264 62.8 51.3 76.9

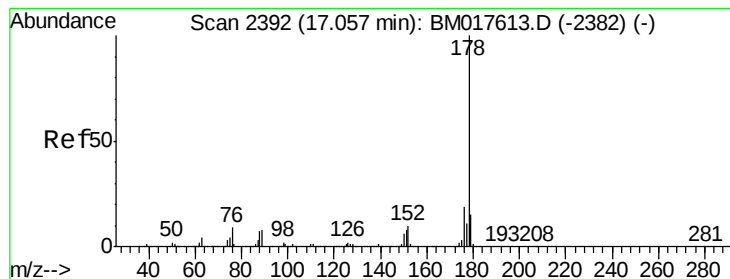


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 36.589 ng

RT: 17.06 min Scan# 2392

Delta R.T. 0.00 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

Instrument :

BNA_M

ClientSampleId :

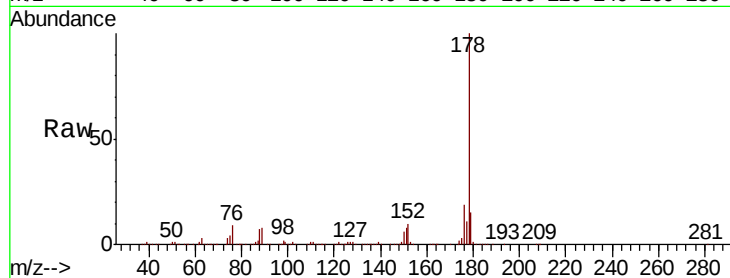
Tot Ion:178 Resp: 2588951

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

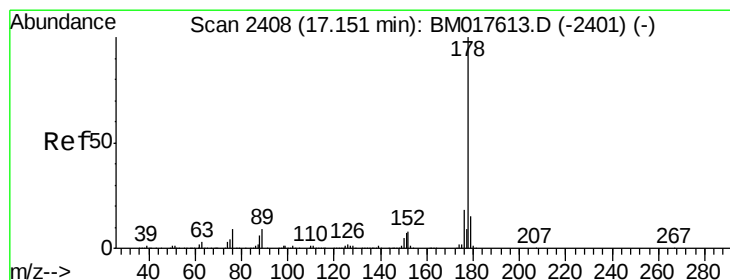
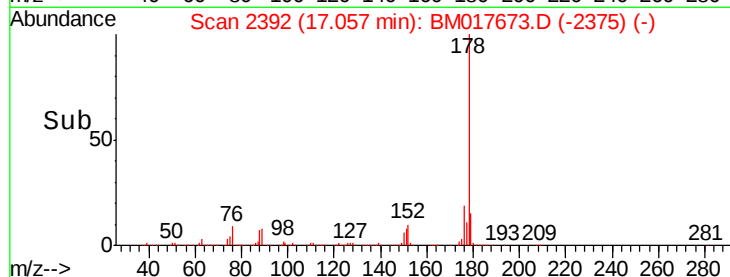
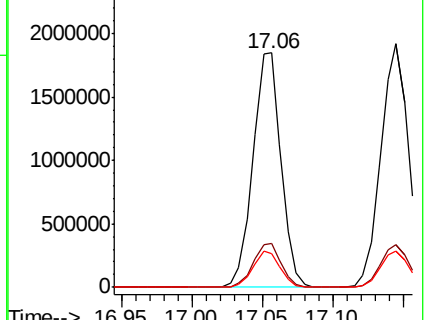
179 14.5 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.337 ng

RT: 17.14 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

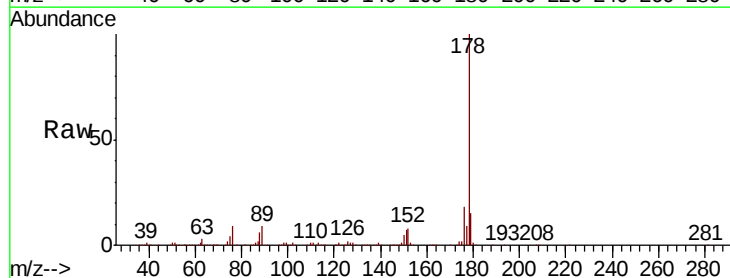
Tgt Ion:178 Resp: 2639655

Ion Ratio Lower Upper

178 100

176 17.7 14.5 21.7

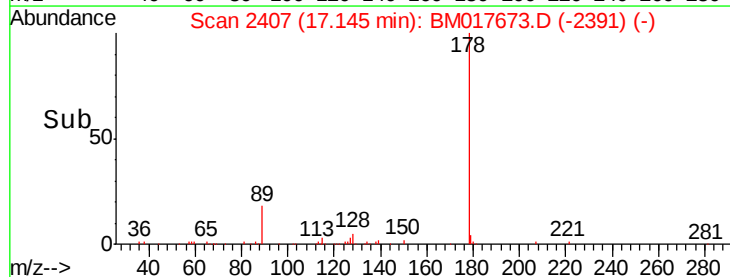
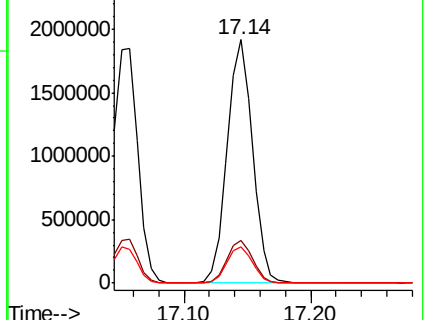
179 14.9 12.3 18.5

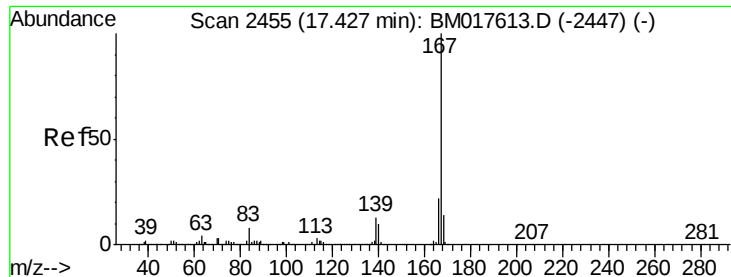


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 34.507 ng

RT: 17.42 min Scan# 2454

Delta R.T. -0.01 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

Instrument :

BNA_M

ClientSampleId :

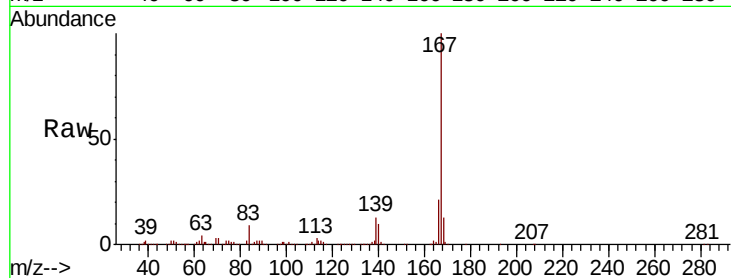
Tot Ion:167 Resp: 2400832

Ion Ratio Lower Upper

167 100

166 21.0 17.2 25.8

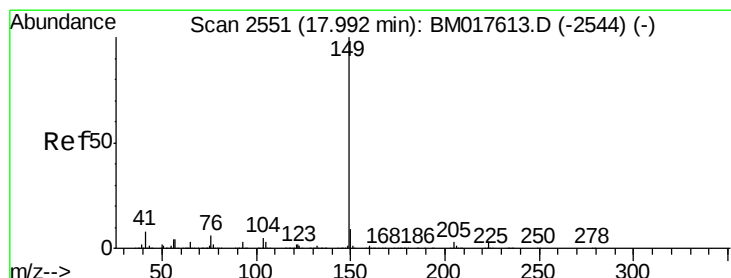
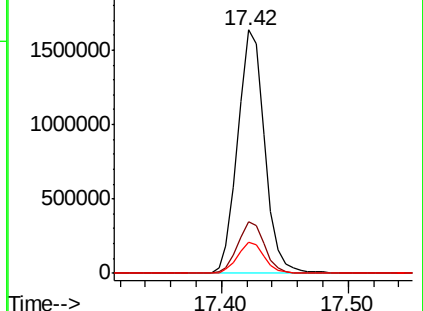
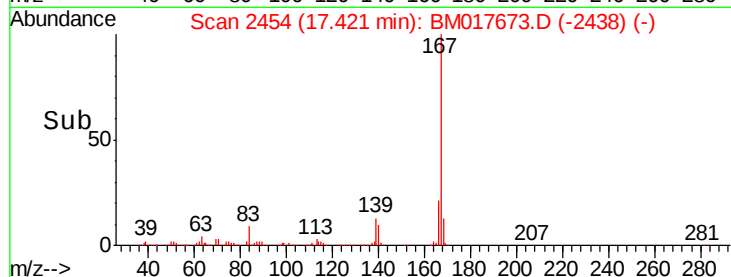
139 12.9 10.2 15.4



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 36.747 ng

RT: 17.99 min Scan# 2551

Delta R.T. 0.00 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

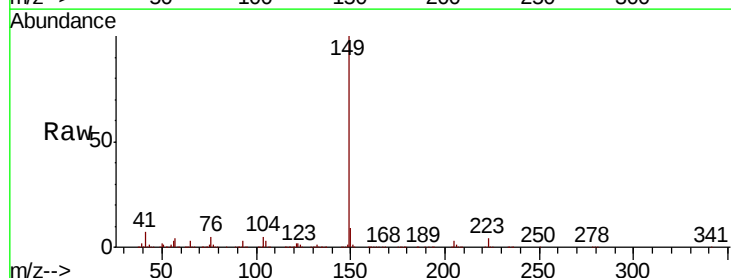
Tgt Ion:149 Resp: 2846103

Ion Ratio Lower Upper

149 100

150 8.8 7.4 11.2

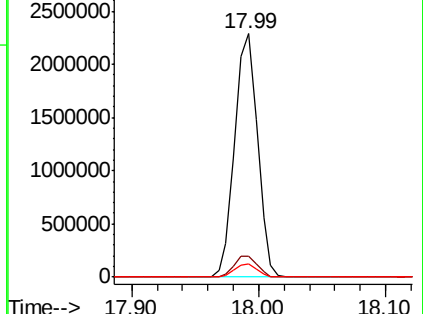
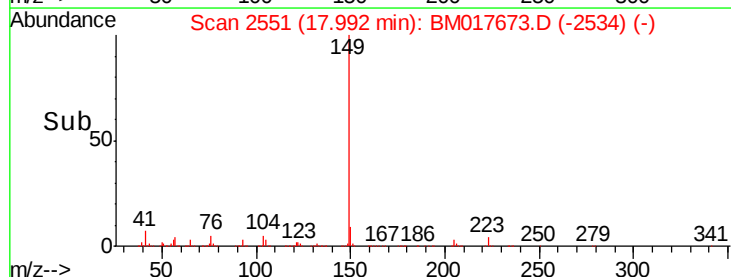
104 5.2 4.3 6.5

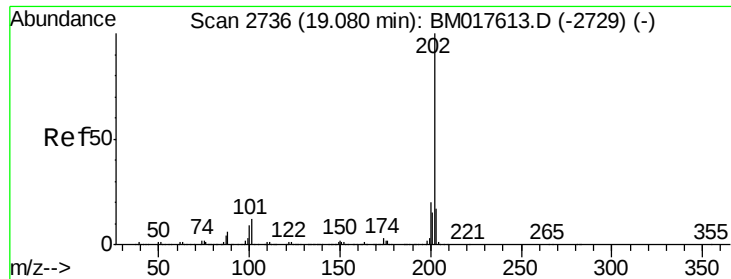


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

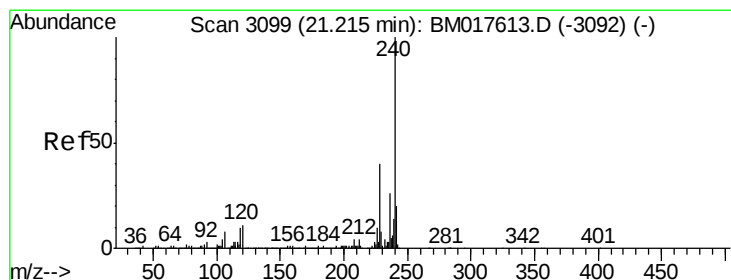
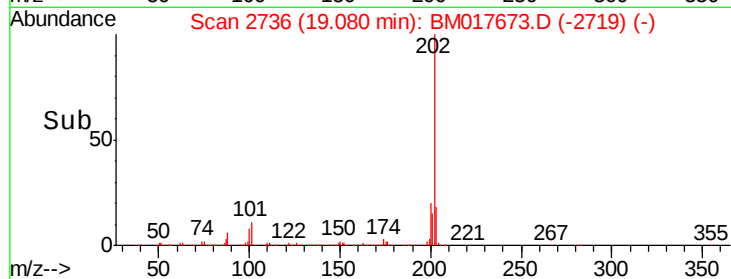
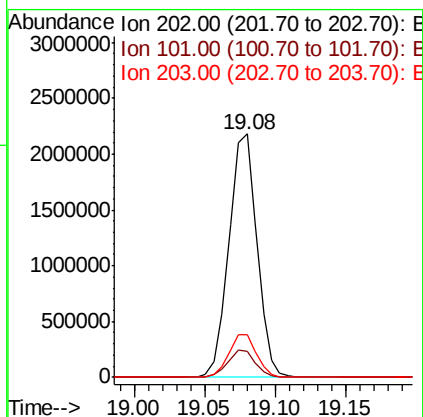
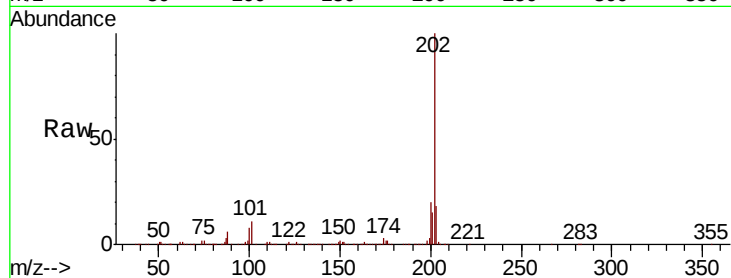




#75
 Fluoranthene
 Concen: 37.778 ng
 RT: 19.08 min Scan# 2736
 Delta R.T. 0.00 min
 Lab File: BM017673.D
 Acq: 16 Nov 2018 10:42

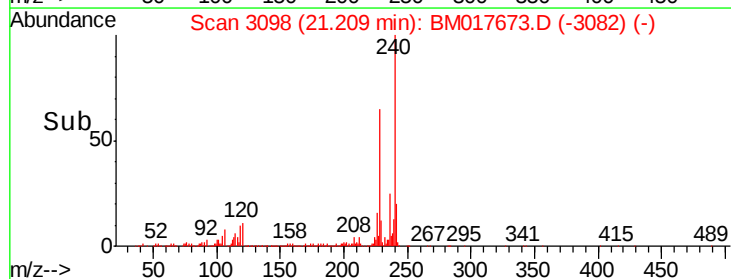
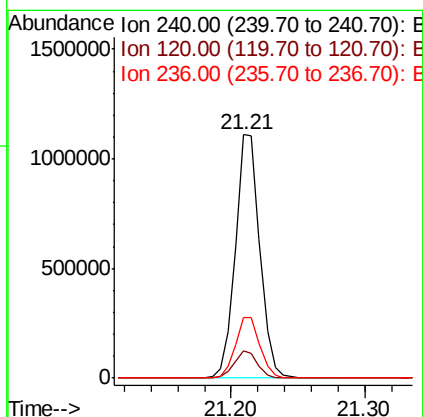
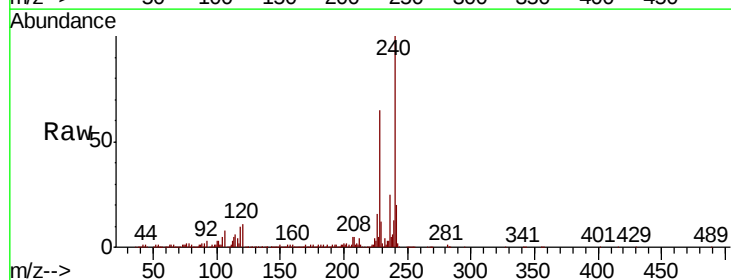
Instrument :
 BNA_M
 ClientSampled :

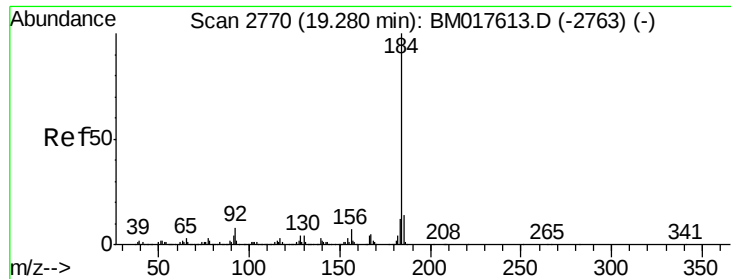
Tot Ion:202 Resp: 3024548
 Ion Ratio Lower Upper
 202 100
 101 10.8 0.0 31.5
 203 17.6 0.0 37.2



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.21 min Scan# 3098
 Delta R.T. -0.01 min
 Lab File: BM017673.D
 Acq: 16 Nov 2018 10:42

Tgt Ion:240 Resp: 1410953
 Ion Ratio Lower Upper
 240 100
 120 11.2 8.5 12.7
 236 24.9 20.4 30.6

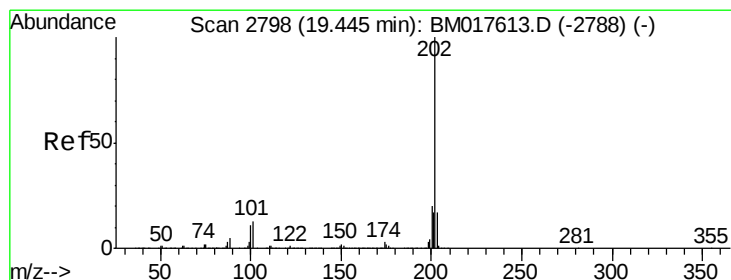
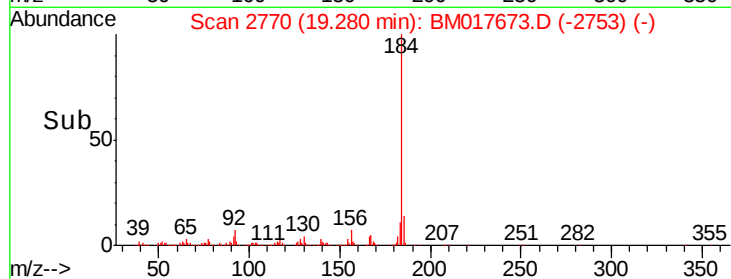
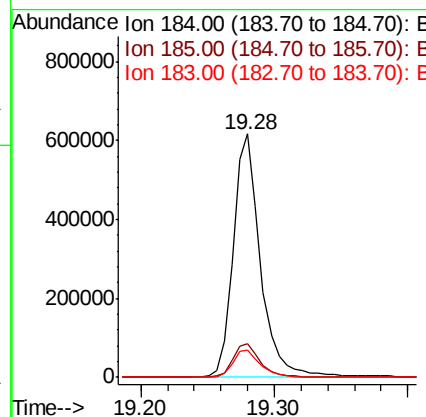
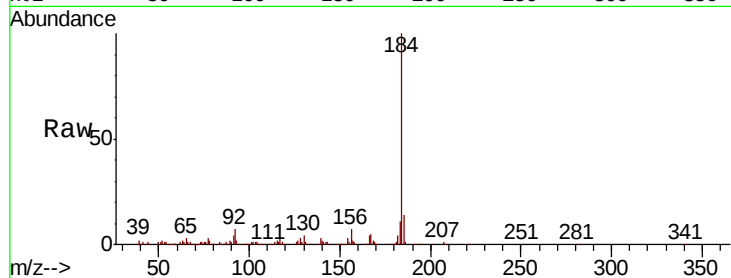




#77
Benzidine
Concen: 19.038 ng
RT: 19.28 min Scan# 2770
Delta R.T. 0.00 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

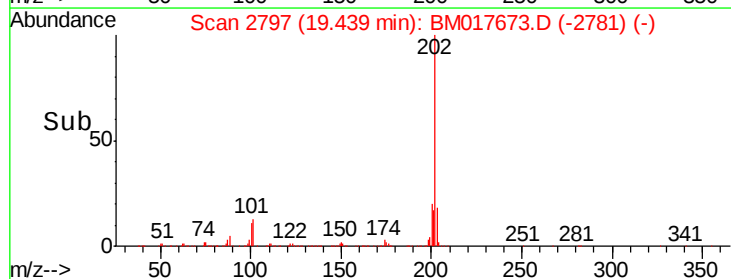
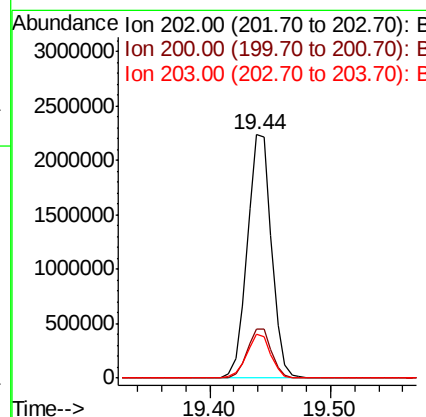
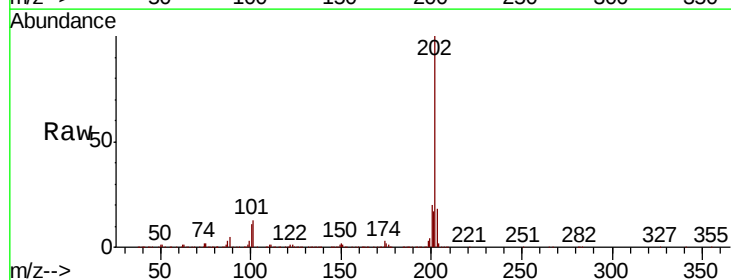
Instrument :
BNA_M
ClientSampleId :

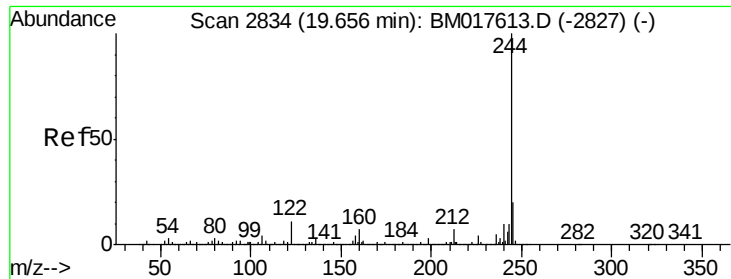
Tot Ion:184 Resp: 874711
Ion Ratio Lower Upper
184 100
185 13.7 11.2 16.8
183 11.4 9.5 14.3



#78
Pyrene
Concen: 36.056 ng
RT: 19.44 min Scan# 2797
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Tgt Ion:202 Resp: 3138930
Ion Ratio Lower Upper
202 100
200 20.3 16.4 24.6
203 17.9 13.8 20.8

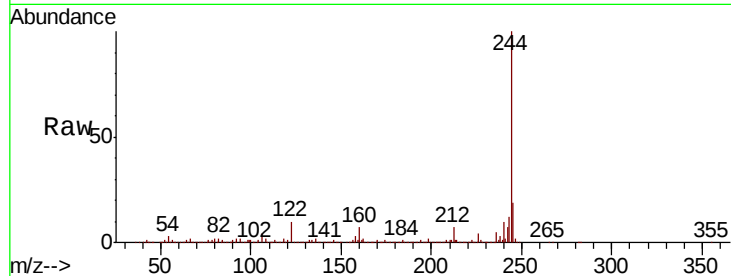




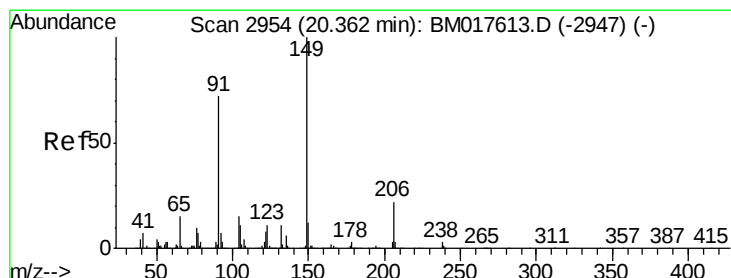
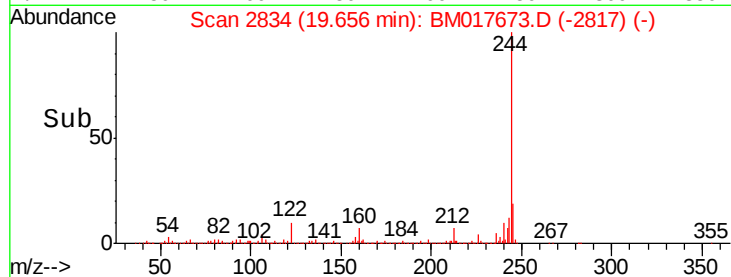
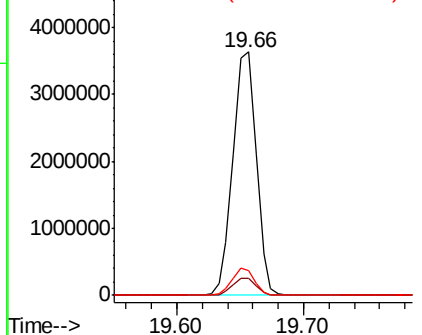
#79
 Terphenyl-d14
 Concen: 74.662 ng
 RT: 19.66 min Scan# 2834
 Delta R.T. 0.00 min
 Lab File: BM017673.D
 Acq: 16 Nov 2018 10:42

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:244 Resp: 4648080
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 10.1 9.0 13.6

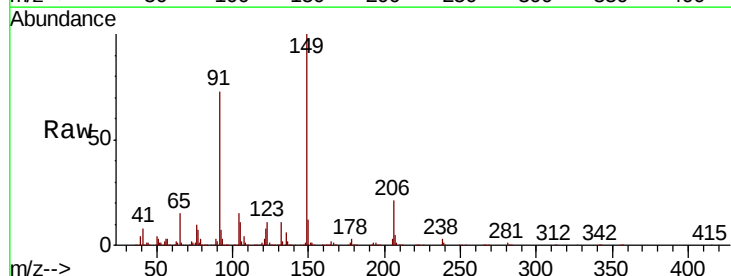


Abundance Ion 244.00 (243.70 to 244.70): E
 5000000 Ion 212.00 (211.70 to 212.70): E
 4000000 Ion 122.00 (121.70 to 122.70): E

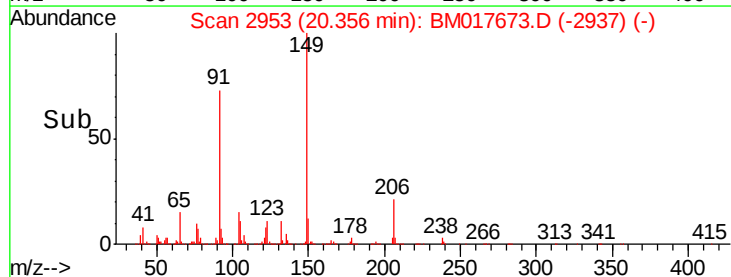
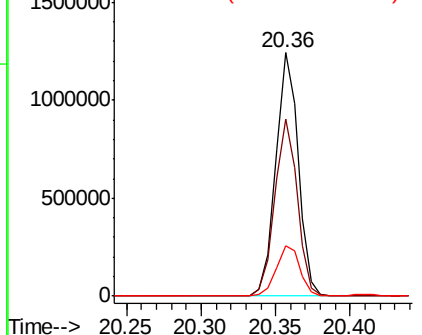


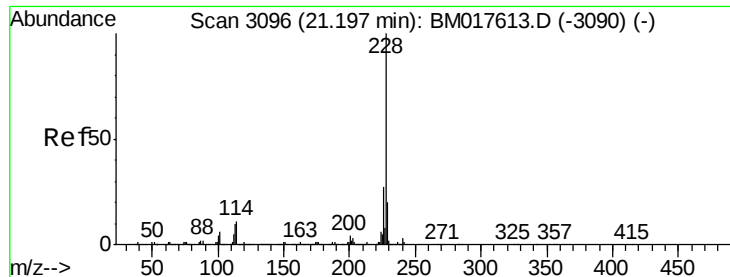
#80
 Butylbenzylphthalate
 Concen: 37.111 ng
 RT: 20.36 min Scan# 2953
 Delta R.T. -0.01 min
 Lab File: BM017673.D
 Acq: 16 Nov 2018 10:42

Tgt Ion:149 Resp: 1312216
 Ion Ratio Lower Upper
 149 100
 91 72.5 57.6 86.4
 206 20.9 17.4 26.0



Abundance Ion 149.00 (148.70 to 149.70): E
 1500000 Ion 91.00 (90.70 to 91.70): BM
 1000000 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.126 ng

RT: 21.20 min Scan# 3096

Delta R.T. 0.00 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

Instrument :

BNA_M

ClientSampleId :

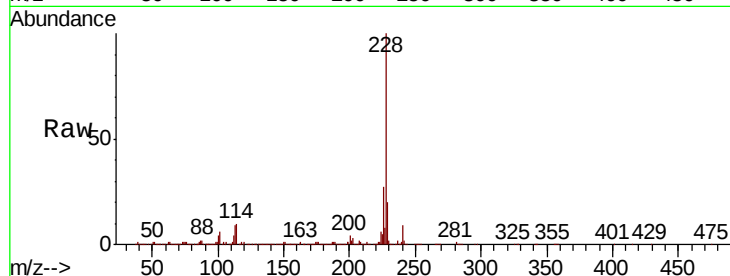
Tot Ion:228 Resp: 3017855

Ion Ratio Lower Upper

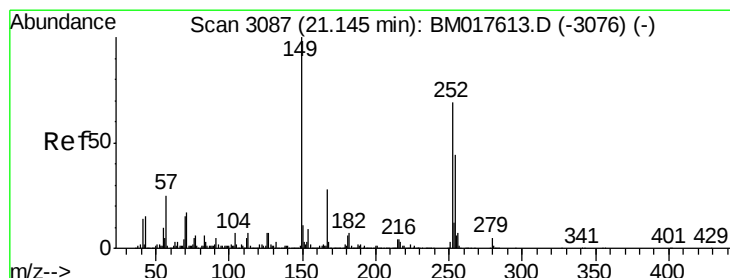
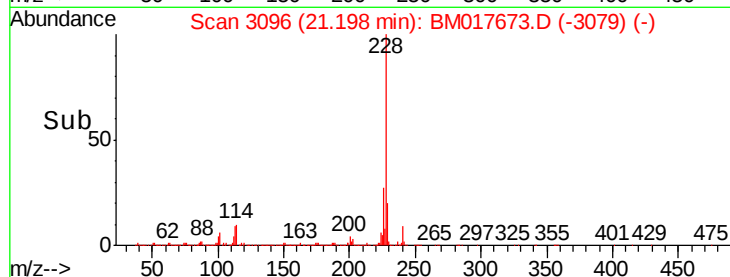
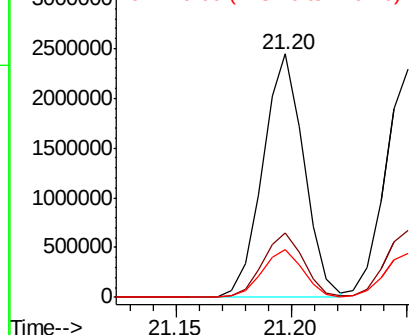
228 100

226 26.6 21.3 31.9

229 19.6 16.0 24.0



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



#82

3,3'-Dichlorobenzidine

Concen: 17.759 ng

RT: 21.14 min Scan# 3086

Delta R.T. -0.01 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

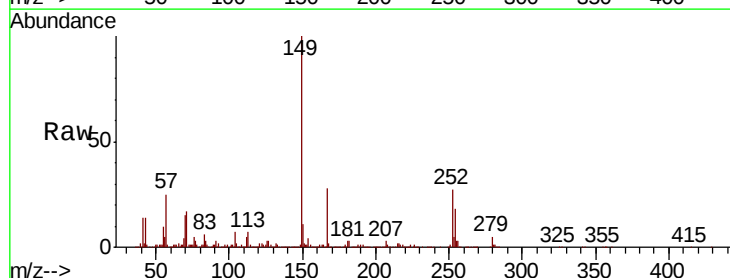
Tgt Ion:252 Resp: 557137

Ion Ratio Lower Upper

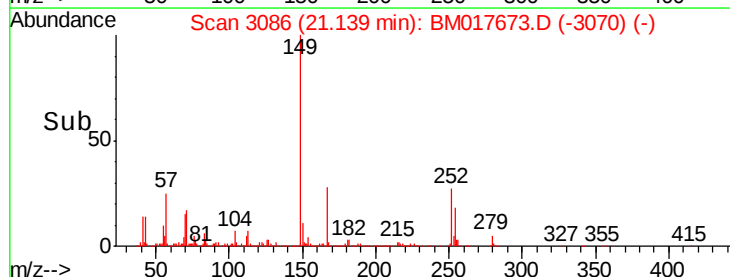
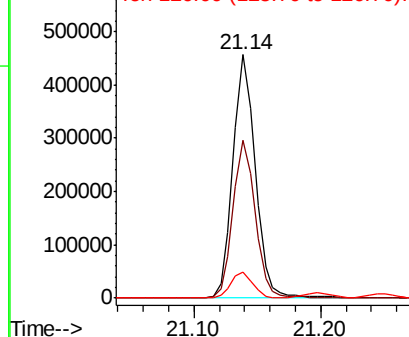
252 100

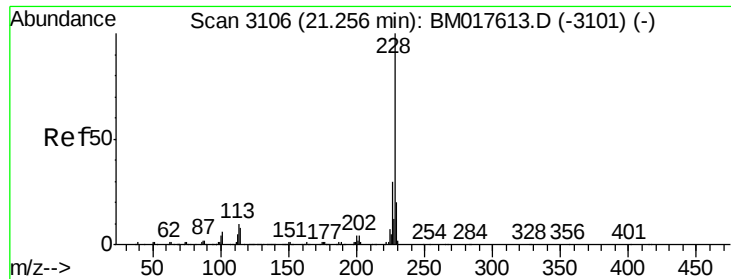
254 64.8 51.4 77.2

126 10.5 8.0 12.0



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





#83

Chrysene

Concen: 36.221 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

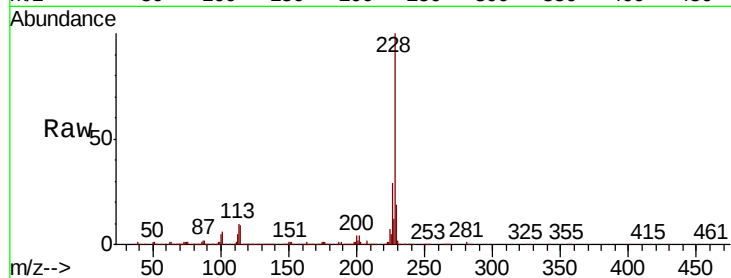
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 2859709

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.6	35.4
229	19.0	15.8	23.6

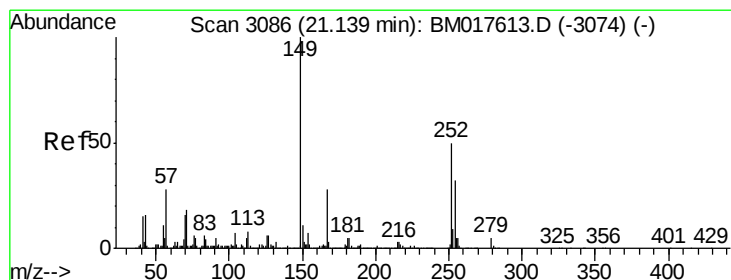
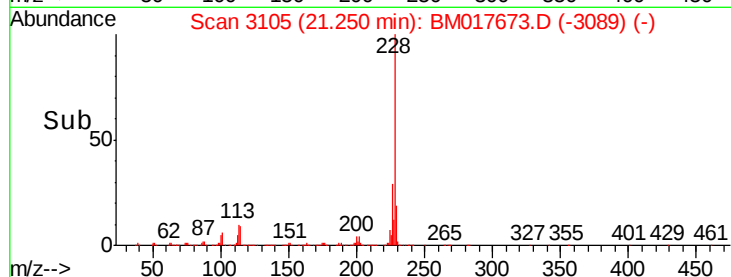
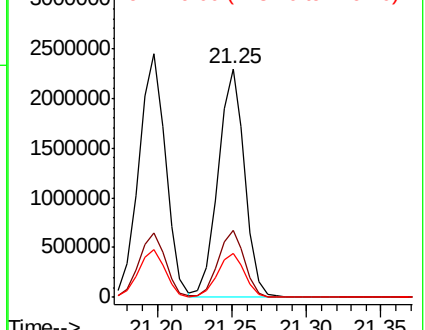


Abundance

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: 35.412 ng

RT: 21.14 min Scan# 3086

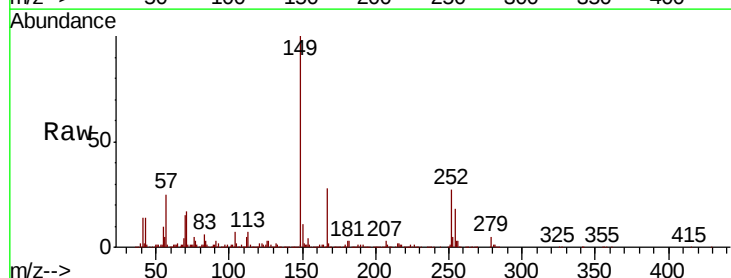
Delta R.T. 0.00 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

Tgt Ion:149 Resp: 1851078

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.2	33.4
279	5.0	3.7	5.5

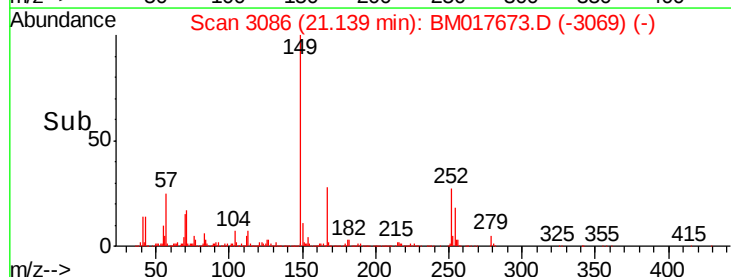
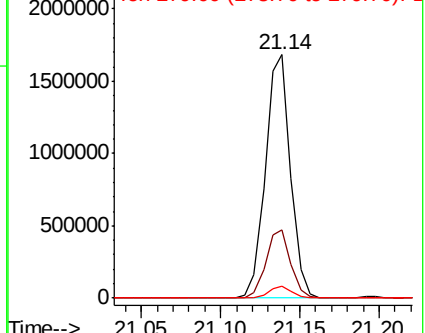


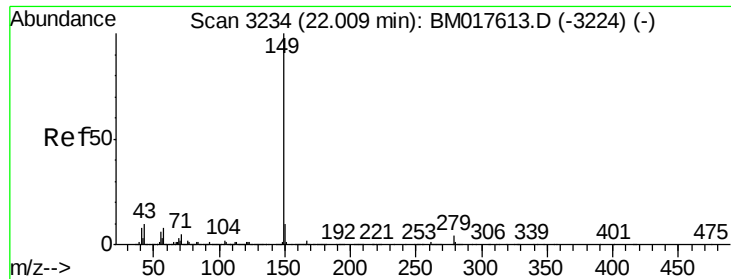
Abundance

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: 37.776 ng

RT: 22.00 min Scan# 3233

Delta R.T. -0.01 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

Instrument :

BNA_M

ClientSampleId :

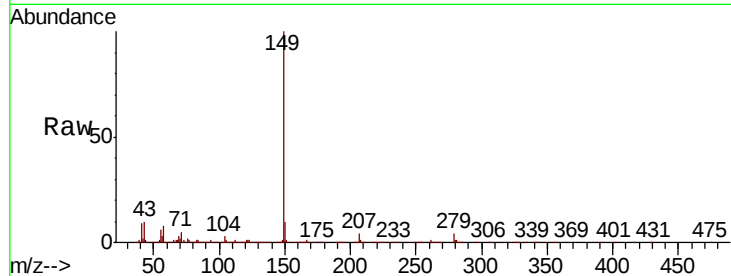
Tot Ion:149 Resp: 3161939

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

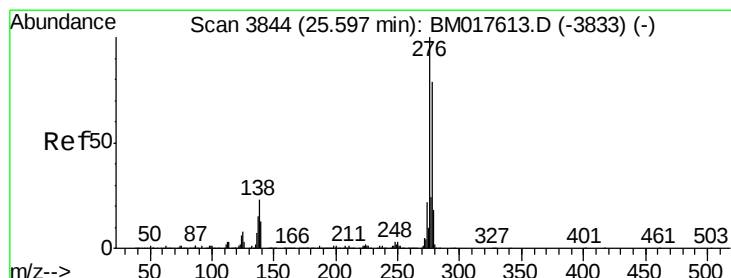
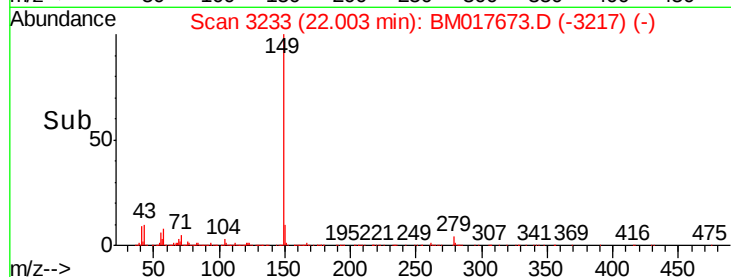
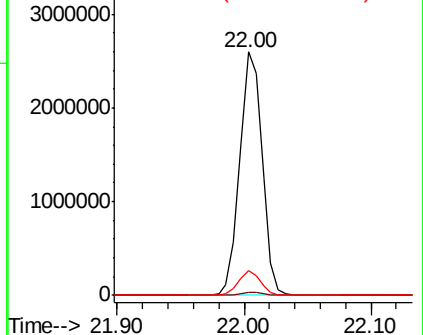
43 9.8 8.3 12.5



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: 39.886 ng

RT: 25.59 min Scan# 3843

Delta R.T. -0.01 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

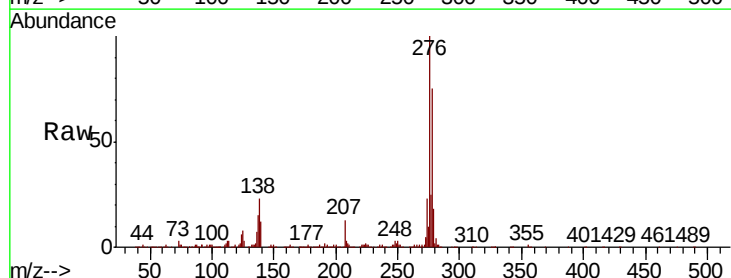
Tgt Ion:276 Resp: 2516417

Ion Ratio Lower Upper

276 100

138 23.1 19.1 28.7

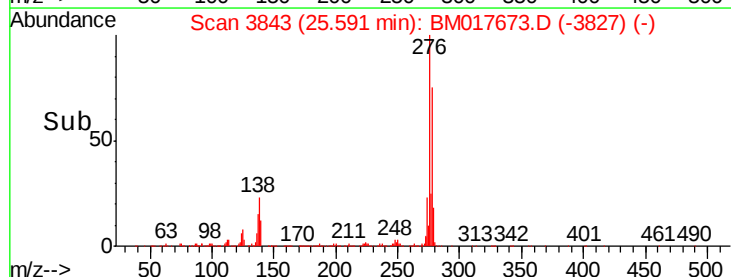
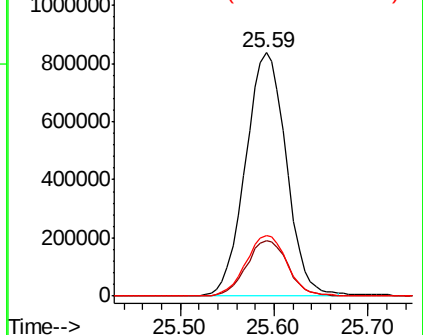
277 25.1 20.0 30.0

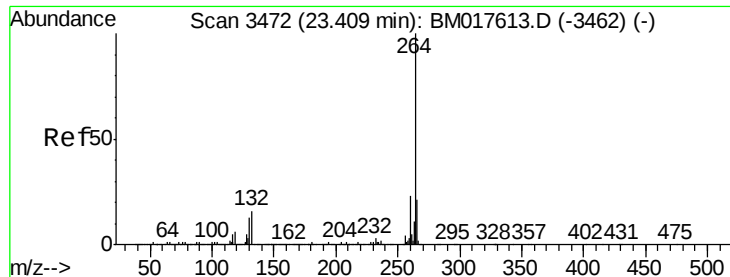


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.40 min Scan# 3471

Delta R.T. -0.01 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

Instrument :

BNA_M

ClientSampleId :

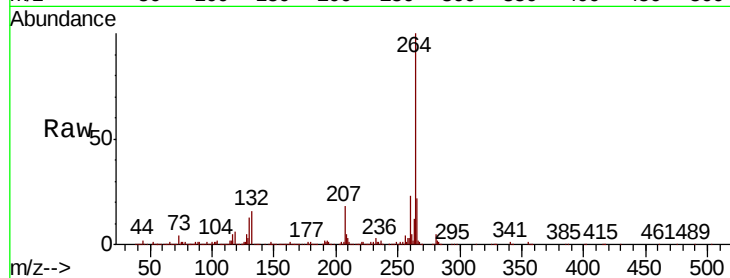
Tot Ion:264 Resp: 1212943

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.2
265	22.1	17.5	26.3

264 100

260 23.4 18.2 27.2

265 22.1 17.5 26.3

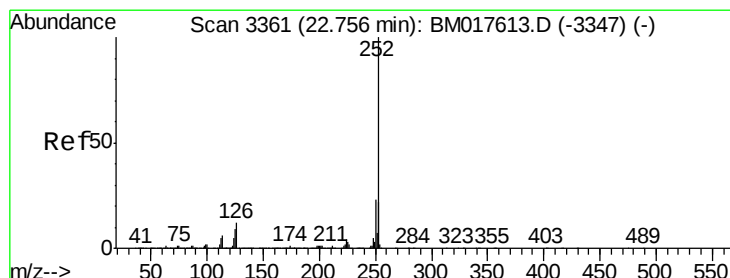
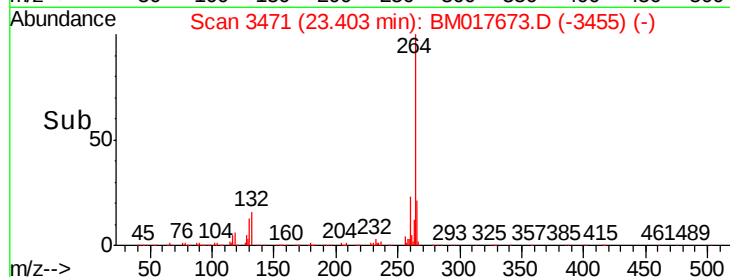
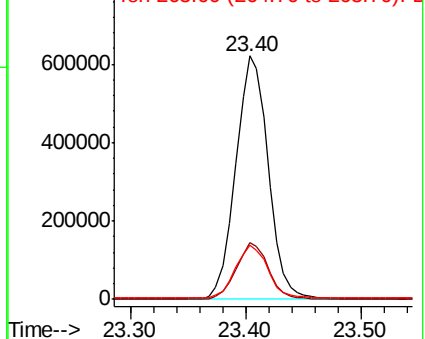


Abundance

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: 39.525 ng

RT: 22.75 min Scan# 3360

Delta R.T. -0.01 min

Lab File: BM017673.D

Acq: 16 Nov 2018 10:42

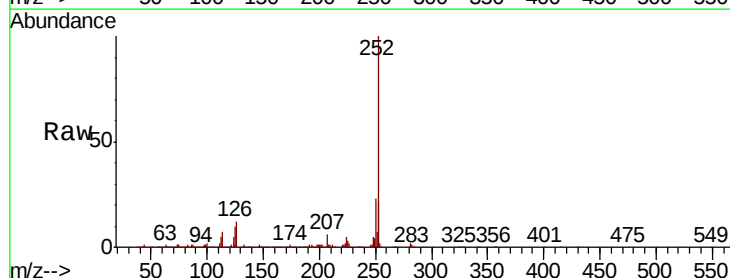
Tgt Ion:252 Resp: 2807610

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.3	25.9
125	9.7	7.6	11.4

252 100

253 21.8 17.3 25.9

125 9.7 7.6 11.4

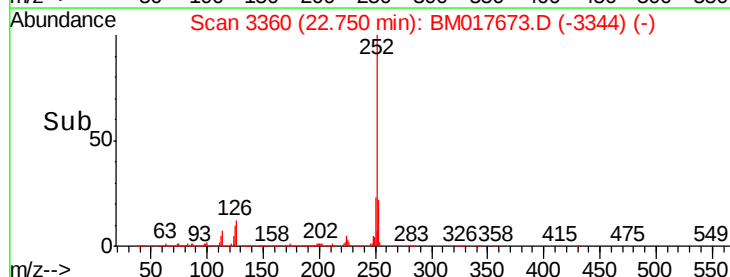
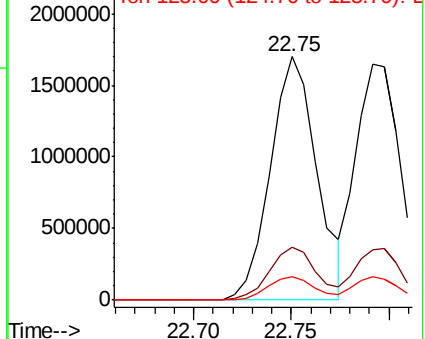


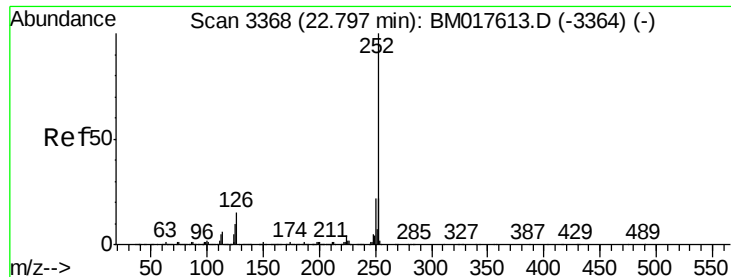
Abundance

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

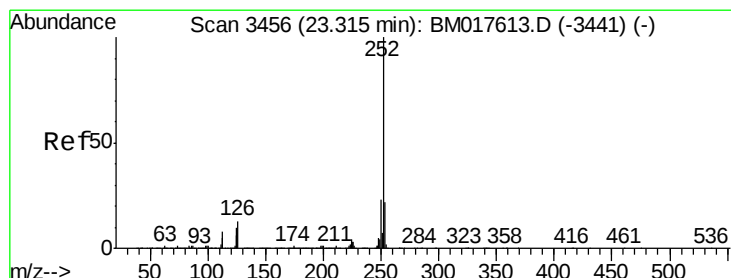
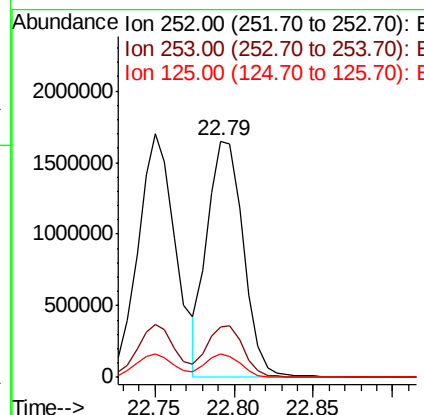
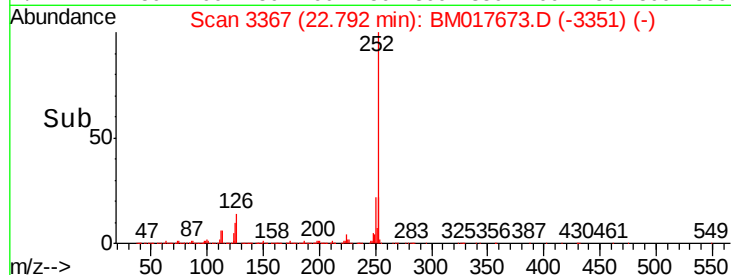
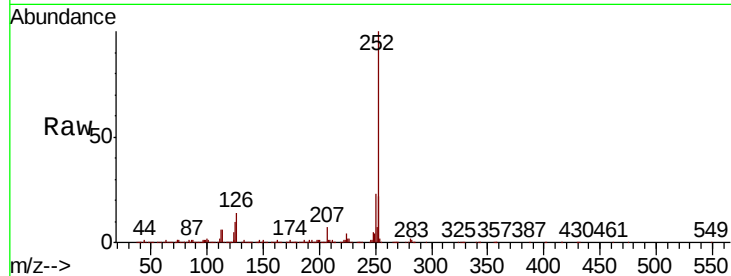




#89
Benzo(k)fluoranthene
Concen: 36.383 ng
RT: 22.79 min Scan# 3367
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

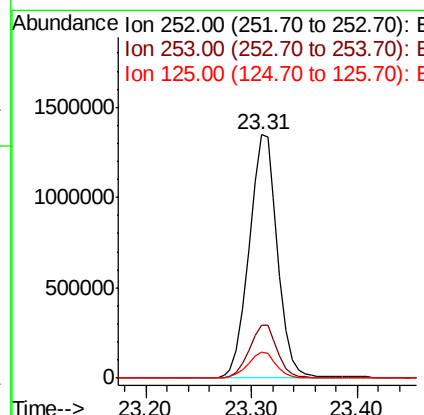
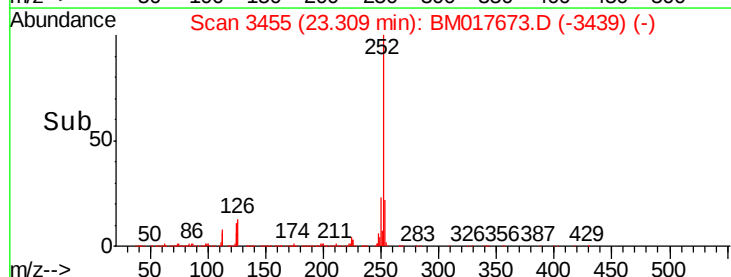
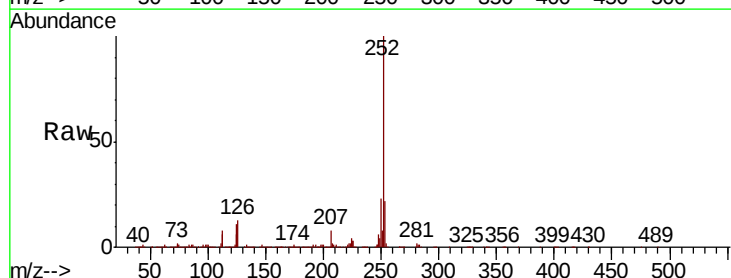
Instrument :
BNA_M
ClientSampled :

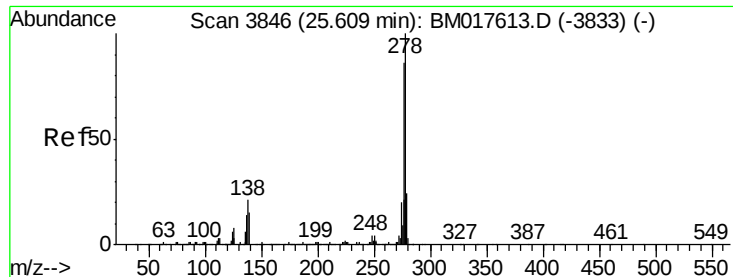
Tot Ion:252 Resp: 2612145
Ion Ratio Lower Upper
252 100
253 21.6 17.7 26.5
125 9.9 7.9 11.9



#90
Benzo(a)pyrene
Concen: 38.739 ng
RT: 23.31 min Scan# 3455
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Tgt Ion:252 Resp: 2509077
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 10.7 8.2 12.2

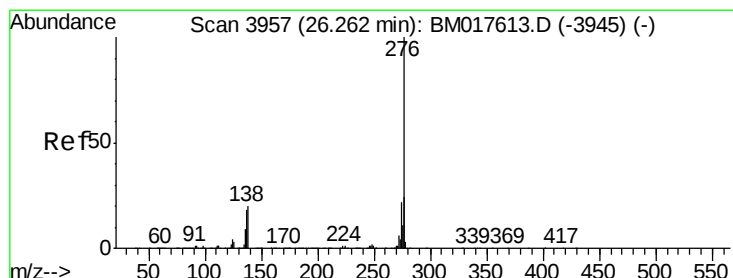
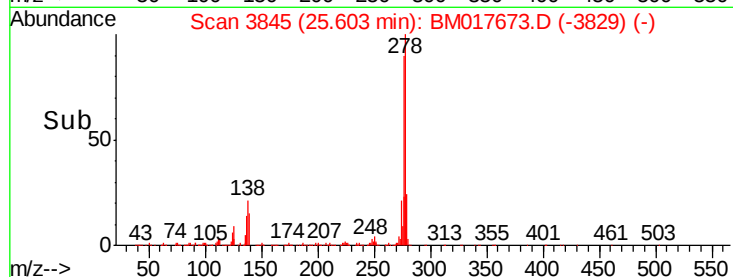
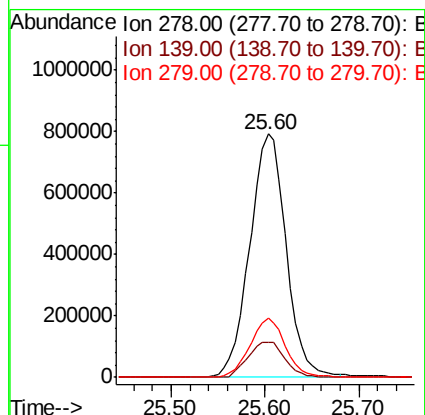
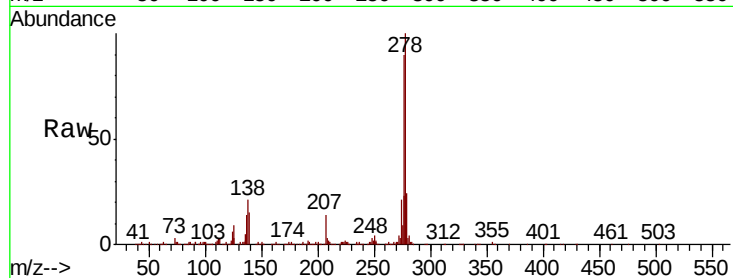




#91
Dibenzo(a,h)anthracene
Concen: 38.981 ng
RT: 25.60 min Scan# 3845
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Instrument :
BNA_M
ClientSampled :

Tot Ion:278 Resp: 2122567
Ion Ratio Lower Upper
278 100
139 14.5 11.8 17.6
279 24.2 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 39.906 ng
RT: 26.26 min Scan# 3956
Delta R.T. -0.01 min
Lab File: BM017673.D
Acq: 16 Nov 2018 10:42

Tgt Ion:276 Resp: 2043349
Ion Ratio Lower Upper
276 100
277 23.3 19.0 28.4
138 19.6 15.9 23.9

