

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111318\
 Data File : BM017640.D
 Acq On : 14 Nov 2018 02:51
 Operator : MJ/SJ
 Sample : PB114777BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB114777BS

Quant Time: Nov 14 03:35:24 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	7.62	152	209120	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	879910	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	528879	20.00	ng	0.00
64) Phenanthrene-d10	17.02	188	1211372	20.00	ng	0.00
76) Chrysene-d12	21.22	240	1222156	20.00	ng	0.00
87) Perylene-d12	23.40	264	1013268	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	1807566	145.87	ng	0.00
7) Phenol-d6	6.81	99	2389680	138.08	ng	0.00
23) Nitrobenzene-d5	8.77	82	1125773	66.05	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	1070557	140.88	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	2652897	65.08	ng	0.00
79) Terphenyl-d14	19.66	244	4075757	75.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	190298	36.875	ng	99
3) Pyridine	3.61	79	558788	36.914	ng	98
4) n-Nitrosodimethylamine	3.53	42	310966	46.634	ng	93
6) Aniline	6.96	93	820190	38.217	ng	98
8) 2-Chlorophenol	7.19	128	683257	46.074	ng	99
9) Benzaldehyde	6.77	77	404021	32.048	ng	97
10) Phenol	6.83	94	835370	45.988	ng	97
11) bis(2-Chloroethyl)ether	7.06	93	589727	41.125	ng	98
12) 1,3-Dichlorobenzene	7.50	146	683860	41.103	ng	98
13) 1,4-Dichlorobenzene	7.65	146	702734	41.207	ng	99
14) 1,2-Dichlorobenzene	7.96	146	681314	41.202	ng	98
15) Benzyl Alcohol	7.86	79	600167	43.547	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.15	45	892420	40.875	ng	99
17) 2-Methylphenol	8.06	107	559985	45.761	ng	99
18) Hexachloroethane	8.67	117	257295	42.807	ng	96
19) n-Nitroso-di-n-propylamine	8.42	70	503315	40.504	ng	97
20) 3+4-Methylphenols	8.39	107	762947	44.874	ng	97
22) Acetophenone	8.44	105	977766	44.523	ng	# 99
24) Nitrobenzene	8.81	77	762550	44.096	ng	100
25) Isophorone	9.33	82	1318818	50.097	ng	99
26) 2-Nitrophenol	9.51	139	359737	45.163	ng	97
27) 2,4-Dimethylphenol	9.58	122	621991	54.182	ng	99
28) bis(2-Chloroethoxy)methane	9.82	93	837589	46.977	ng	97
29) 2,4-Dichlorophenol	10.05	162	654348	49.103	ng	99
30) 1,2,4-Trichlorobenzene	10.25	180	679759	43.858	ng	96
31) Naphthalene	10.43	128	2064079	47.711	ng	100
32) Benzoic acid	9.75	122	386196	37.138	ng	96
33) 4-Chloroaniline	10.56	127	446814	23.583	ng	98
34) Hexachlorobutadiene	10.71	225	407829	42.386	ng	100
35) Caprolactam	11.36	113	96487	19.661	ng	96
36) 4-Chloro-3-methylphenol	11.69	107	720486	46.829	ng	99
37) 2-Methylnaphthalene	12.06	142	1542462	50.446	ng	99
38) 1-Methylnaphthalene	12.28	142	1462058	48.767	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	790499	42.387	ng	98

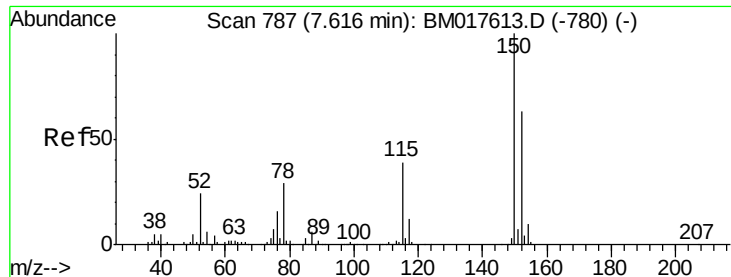
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111318\
 Data File : BM017640.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 18:37:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	1090547	113.163	ng	99
43) 2,4,6-Trichlorophenol	12.68	196	543072	46.490	ng	95
44) 2,4,5-Trichlorophenol	12.75	196	581519	47.147	ng	99
46) 1,1'-Biphenyl	13.09	154	1980768	41.724	ng	99
47) 2-Chloronaphthalene	13.12	162	1541521	43.748	ng	98
48) 2-Nitroaniline	13.34	65	491899	45.140	ng	99
49) Acenaphthylene	13.98	152	2520728	47.614	ng	100
50) Dimethylphthalate	13.73	163	1936543	45.036	ng	99
51) 2,6-Dinitrotoluene	13.85	165	441285	46.087	ng	97
52) Acenaphthene	14.33	154	1467216	45.159	ng	100
53) 3-Nitroaniline	14.19	138	324092	31.089	ng	98
54) 2,4-Dinitrophenol	14.40	184	529164	89.585	ng	98
55) Dibenzofuran	14.66	168	2381630	44.856	ng	99
56) 4-Nitrophenol	14.50	139	732992	83.424	ng	98
57) 2,4-Dinitrotoluene	14.65	165	614031	47.574	ng	98
58) Fluorene	15.32	166	1953832	48.068	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.89	232	545254	48.062	ng	98
60) Diethylphthalate	15.10	149	1981332	42.645	ng	100
61) 4-Chlorophenyl-phenylether	15.32	204	994392	43.059	ng	99
62) 4-Nitroaniline	15.36	138	420197	42.769	ng	97
63) Azobenzene	15.61	77	1928448	44.900	ng	99
65) 4,6-Dinitro-2-methylphenol	15.41	198	355843	42.404	ng	94
66) n-Nitrosodiphenylamine	15.53	169	1718794	44.132	ng	99
67) 4-Bromophenyl-phenylether	16.21	248	617686	43.114	ng	97
68) Hexachlorobenzene	16.32	284	694705	43.013	ng	98
69) Atrazine	16.50	200	623869	43.552	ng	98
70) Pentachlorophenol	16.67	266	882576	77.990	ng	98
71) Phenanthrene	17.06	178	3073546	46.759	ng	99
72) Anthracene	17.14	178	3142508	49.130	ng	100
73) Carbazole	17.43	167	2812868	43.520	ng	99
74) Di-n-butylphthalate	17.99	149	3370670	46.848	ng	99
75) Fluoranthene	19.08	202	3526672	47.419	ng	99
77) Benzidine	19.28	184	2173030	54.601	ng	100
78) Pyrene	19.44	202	3637638	48.239	ng	100
80) Butylbenzylphthalate	20.36	149	1500528	48.992	ng	97
81) Benzo(a)anthracene	21.20	228	3360816	47.732	ng	99
82) 3,3'-Dichlorobenzidine	21.14	252	834025	30.691	ng	99
83) Chrysene	21.25	228	3156543	46.157	ng	99
84) Bis(2-ethylhexyl)phthalate	21.14	149	2107411	46.544	ng	100
85) Di-n-octyl phthalate	22.01	149	3465087	47.793	ng	100
86) Indeno(1,2,3-cd)pyrene	25.60	276	2748741	50.298	ng	100
88) Benzo(b)fluoranthene	22.75	252	2928064	49.344	ng	99
89) Benzo(k)fluoranthene	22.80	252	2894637	48.262	ng	99
90) Benzo(a)pyrene	23.31	252	2725882	50.380	ng	99
91) Dibenzo(a,h)anthracene	25.60	278	2319491	50.992	ng	98
92) Benzo(g,h,i)perylene	26.26	276	2231232	52.162	ng	99

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

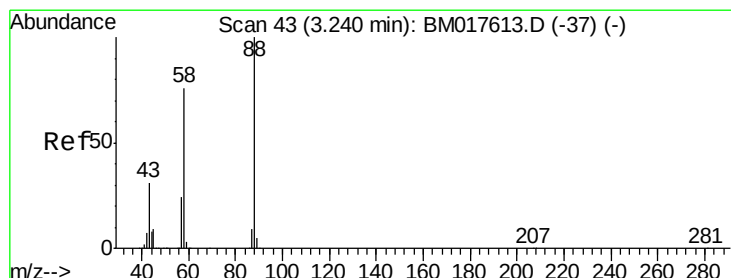
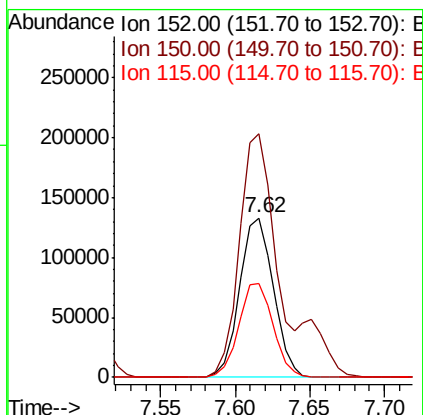
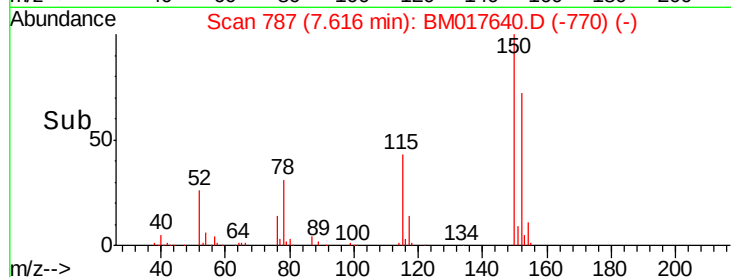
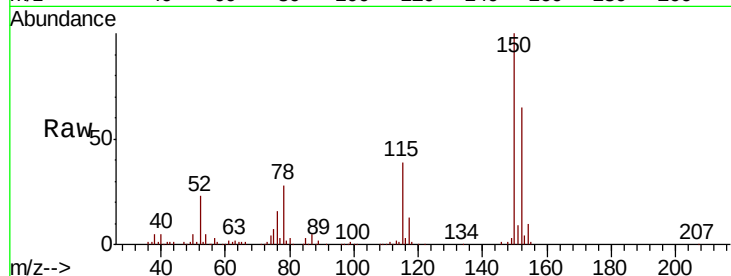


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 787
Delta R.T. -0.00 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Instrument :
BNA_M
ClientSampleId :
PB114777BS

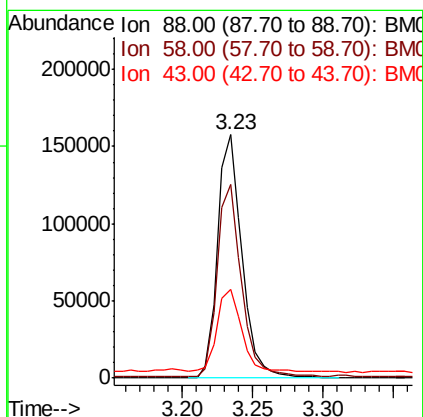
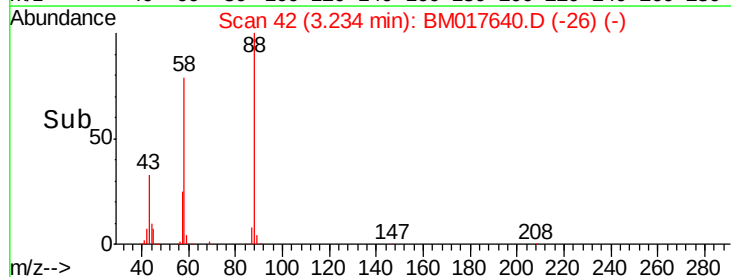
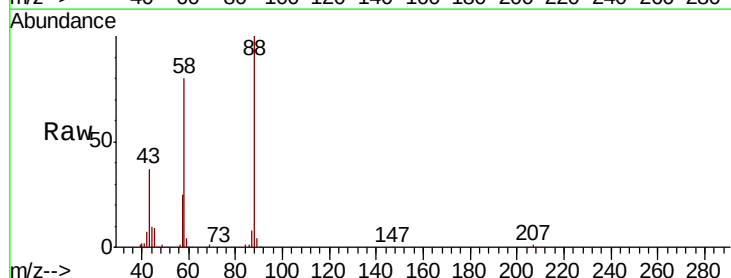
Tgt Ion:152 Resp: 209120
Ion Ratio Lower Upper
152 100
150 152.7 126.4 189.6
115 59.3 49.4 74.0

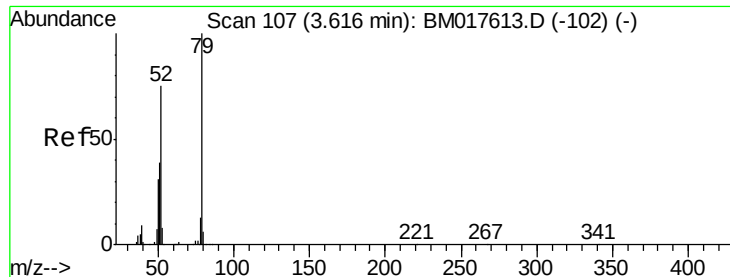


#2

1,4-Dioxane
Concen: 36.875 ng
RT: 3.23 min Scan# 42
Delta R.T. -0.01 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Tgt Ion: 88 Resp: 190298
Ion Ratio Lower Upper
88 100
58 77.6 62.0 93.0
43 35.3 26.8 40.2





#3

Pyridine

Concen: 36.914 ng

RT: 3.61 min Scan# 106

Delta R.T. -0.01 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

Instrument :

BNA_M

ClientSampleId :

PB114777BS

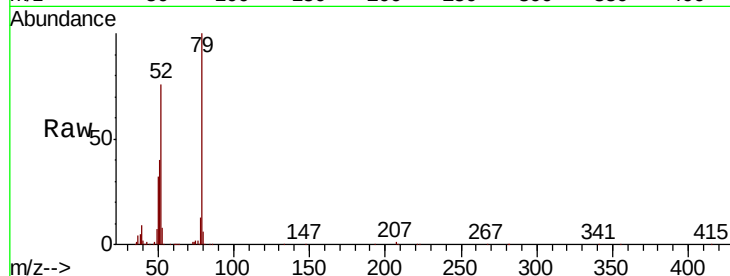
Tgt Ion: 79 Resp: 558788

Ion Ratio Lower Upper

79 100

52 76.2 60.1 90.1

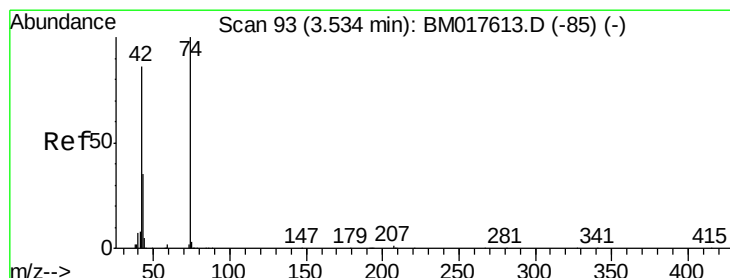
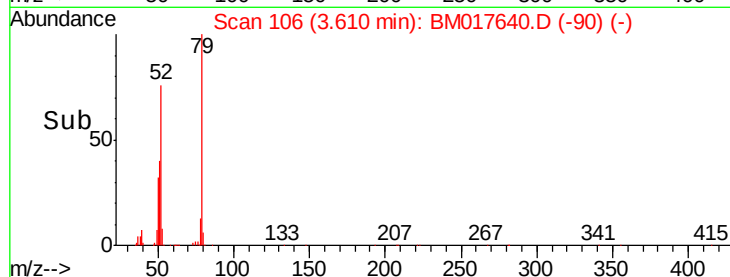
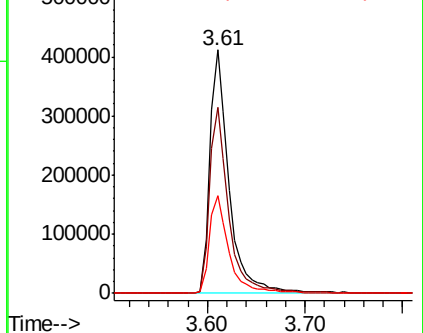
51 40.3 31.1 46.7



Abundance Ion 79.00 (78.70 to 79.70): BM017640.D (-102) (-)

Ion 52.00 (51.70 to 52.70): BM017640.D (-102) (-)

Ion 51.00 (50.70 to 51.70): BM017640.D (-102) (-)



#4

n-Nitrosodimethylamine

Concen: 46.634 ng

RT: 3.53 min Scan# 92

Delta R.T. -0.01 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

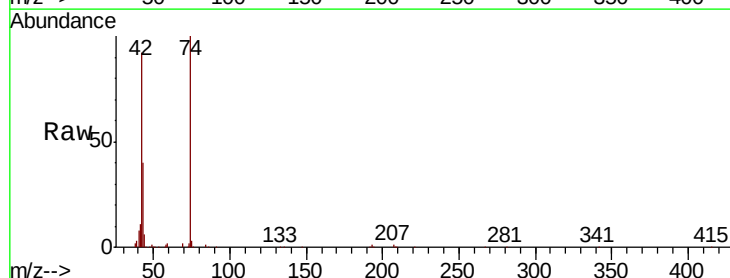
Tgt Ion: 42 Resp: 310966

Ion Ratio Lower Upper

42 100

74 108.8 93.1 139.7

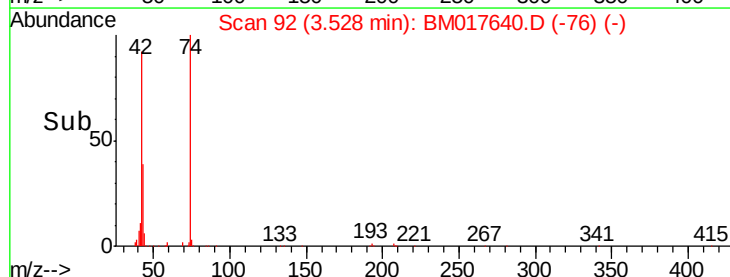
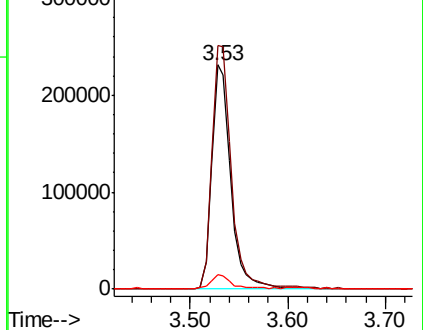
44 6.3 5.0 7.6

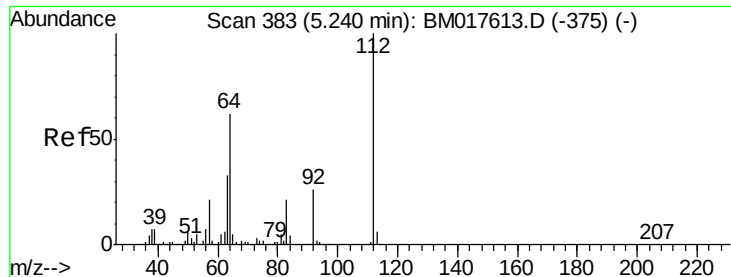


Abundance Ion 42.00 (41.70 to 42.70): BM017640.D (-85) (-)

Ion 74.00 (73.70 to 74.70): BM017640.D (-85) (-)

Ion 44.00 (43.70 to 44.70): BM017640.D (-85) (-)





#5

2-Fluorophenol

Concen: 145.875 ng

RT: 5.24 min Scan# 383

Delta R.T. 0.00 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

Instrument :

BNA_M

ClientSampleId :

PB114777BS

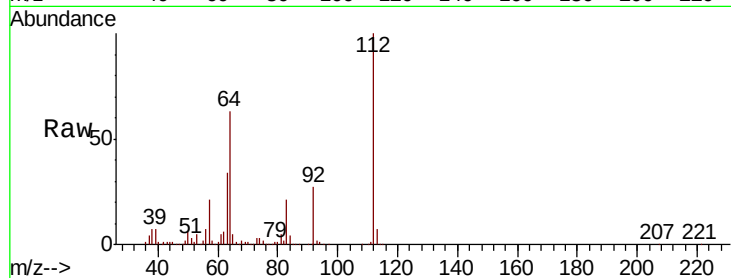
Tgt Ion:112 Resp: 1807566

Ion Ratio Lower Upper

112 100

64 63.0 49.3 73.9

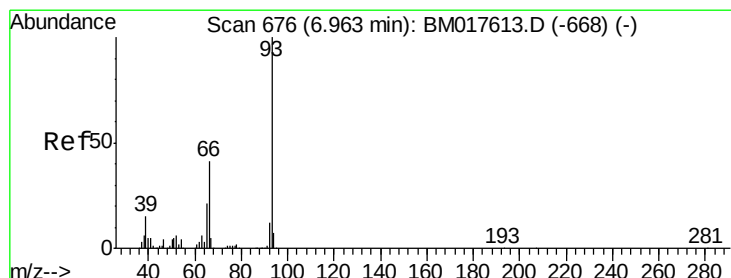
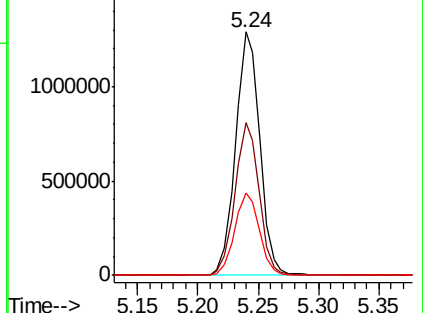
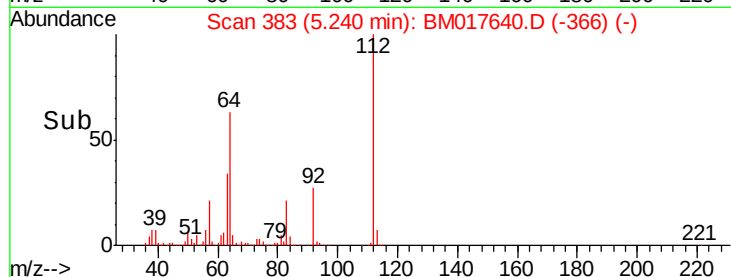
63 33.8 26.2 39.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 38.217 ng

RT: 6.96 min Scan# 675

Delta R.T. -0.01 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

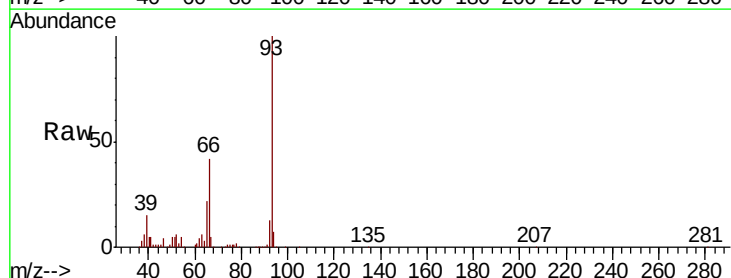
Tgt Ion: 93 Resp: 820190

Ion Ratio Lower Upper

93 100

66 42.5 32.8 49.2

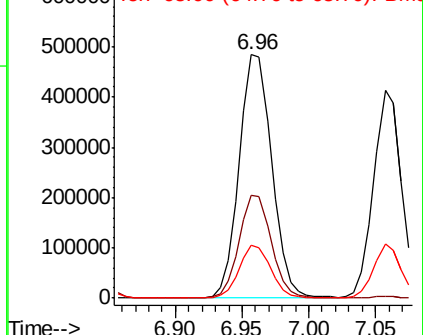
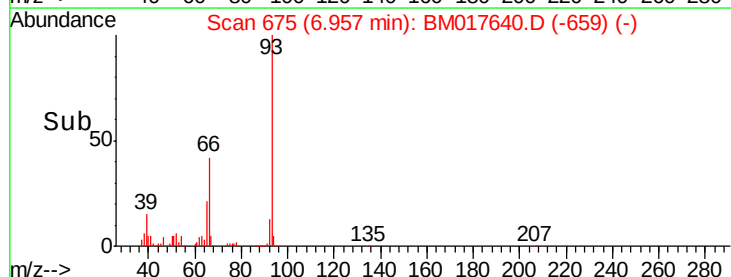
65 21.8 16.6 25.0

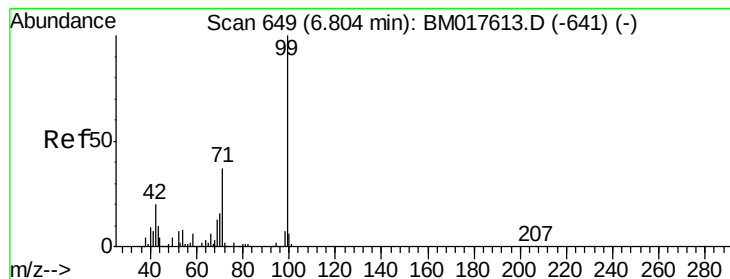


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 138.083 ng

RT: 6.81 min Scan# 650

Delta R.T. 0.01 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

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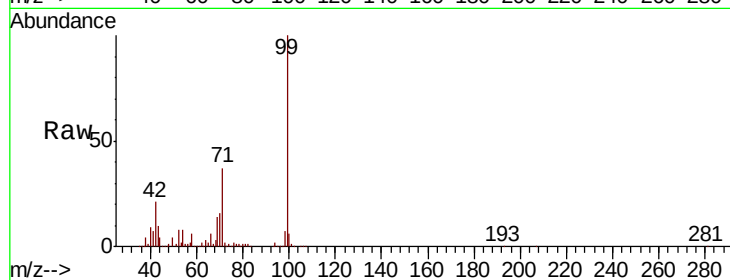
Tgt Ion: 99 Resp: 2389680

Ion Ratio Lower Upper

99 100

42 20.8 16.3 24.5

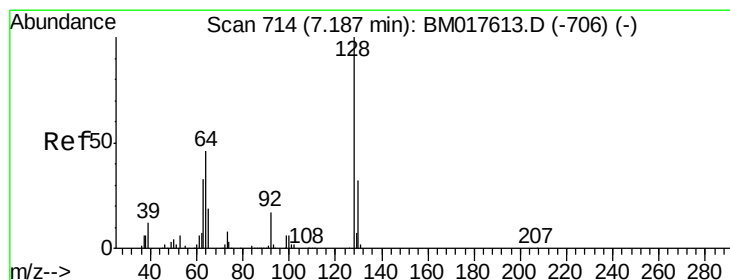
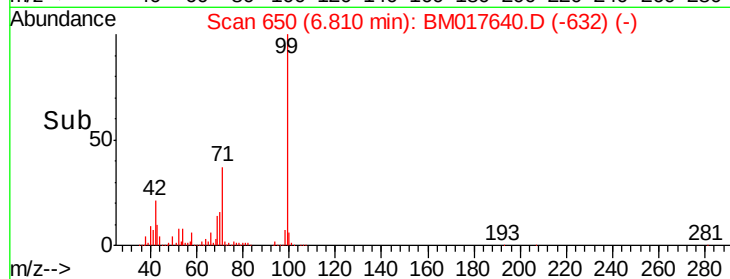
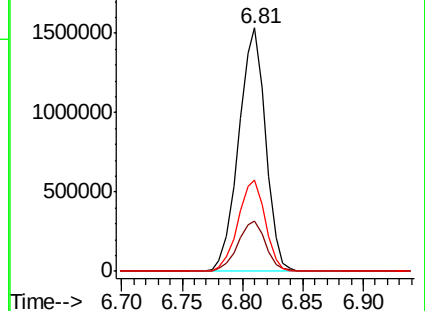
71 37.3 29.8 44.8



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: 46.074 ng

RT: 7.19 min Scan# 714

Delta R.T. -0.00 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

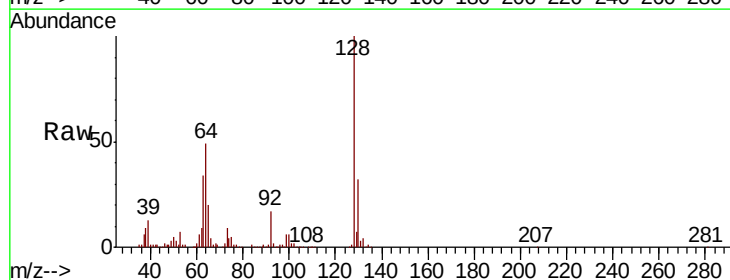
Tgt Ion: 128 Resp: 683257

Ion Ratio Lower Upper

128 100

130 31.8 12.4 52.4

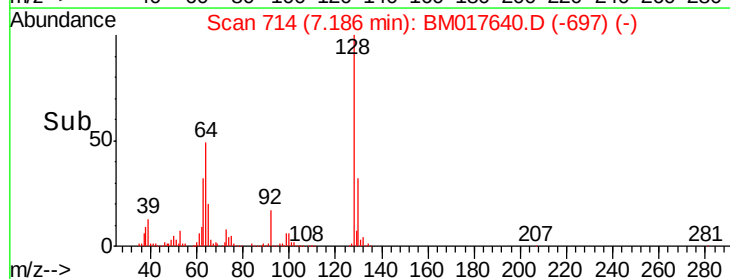
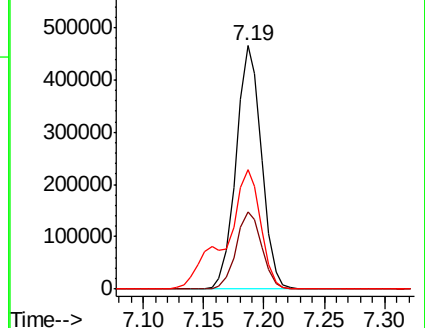
64 49.1 30.0 70.0

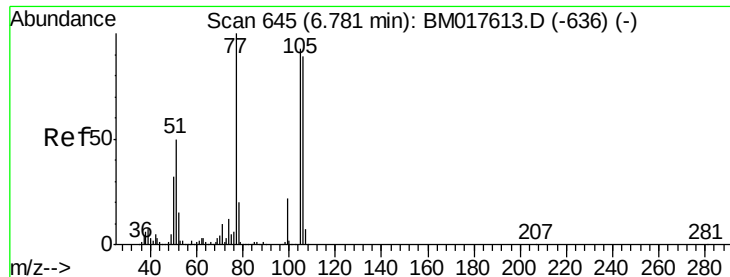


Abundance Ion 128.00 (127.70 to 128.70): BM017613.D (-706) (-)

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: 32.048 ng

RT: 6.77 min Scan# 644

Delta R.T. -0.01 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

Instrument :

BNA_M

ClientSampleId :

PB114777BS

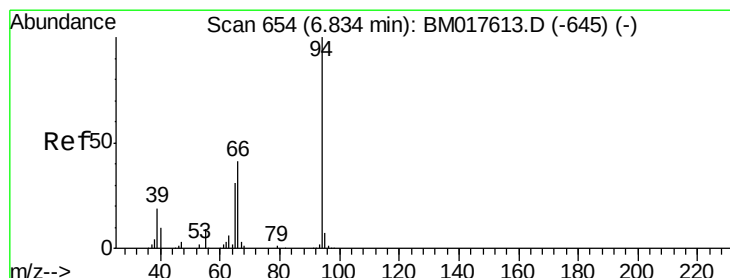
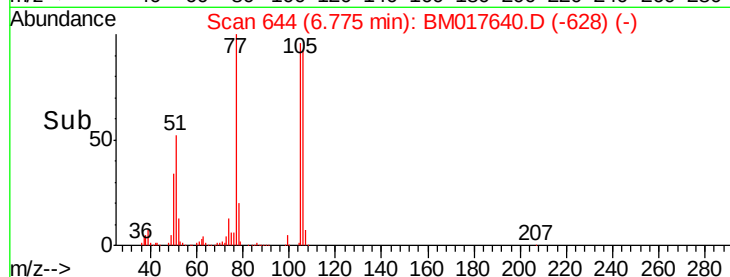
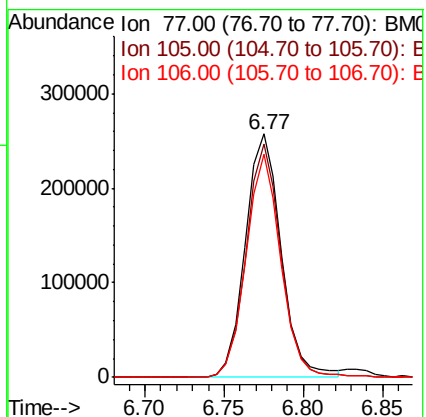
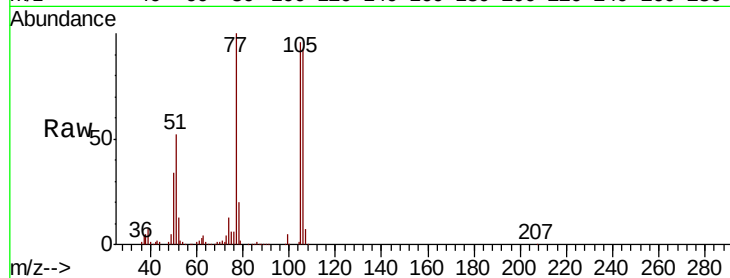
Tgt Ion: 77 Resp: 404021

Ion Ratio Lower Upper

77 100

105 95.9 72.7 112.7

106 91.5 68.9 108.9



#10

Phenol

Concen: 45.988 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.00 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

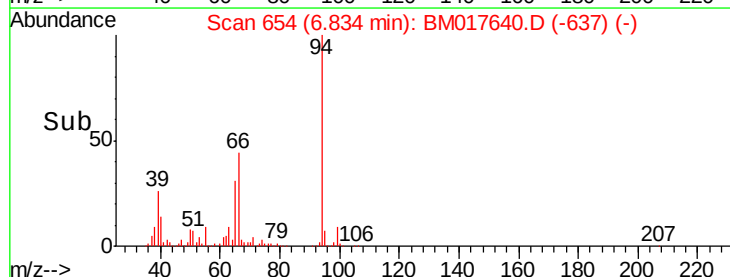
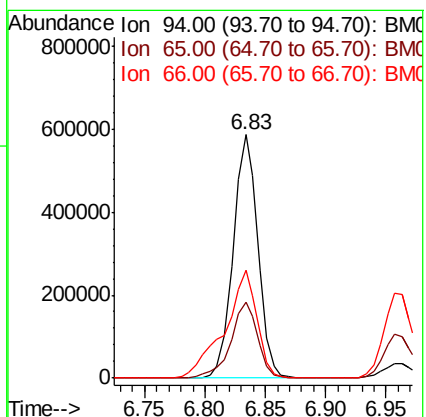
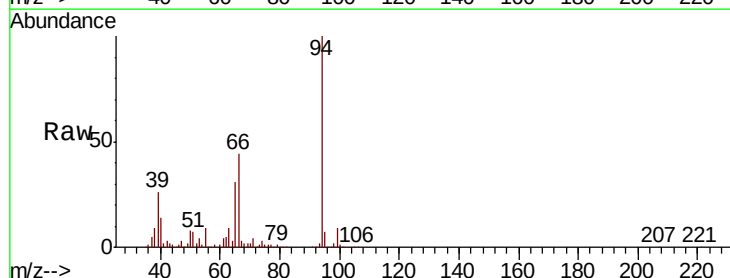
Tgt Ion: 94 Resp: 835370

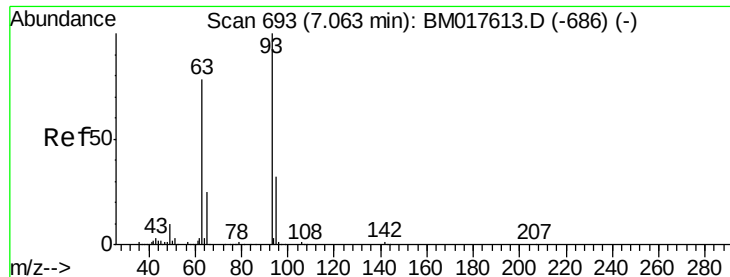
Ion Ratio Lower Upper

94 100

65 31.3 11.4 51.4

66 44.1 21.4 61.4

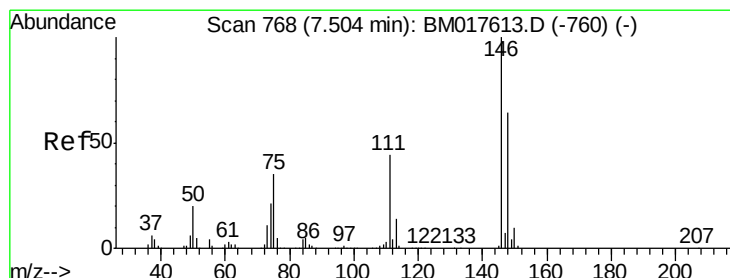
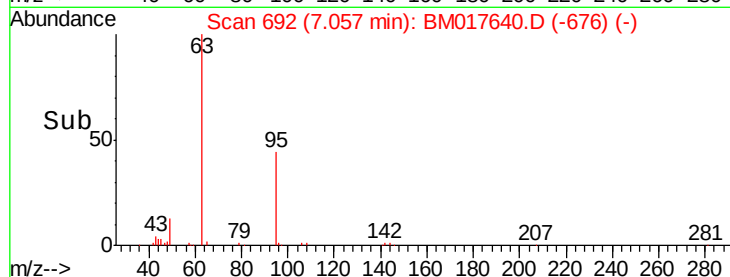
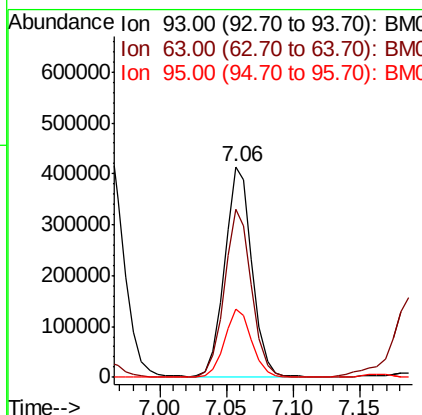
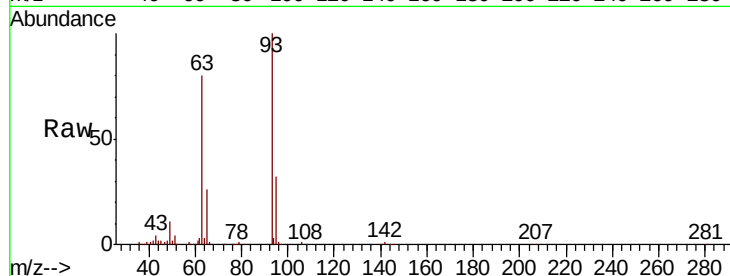




#11
bis(2-Chloroethyl)ether
Concen: 41.125 ng
RT: 7.06 min Scan# 692
Delta R.T. -0.01 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

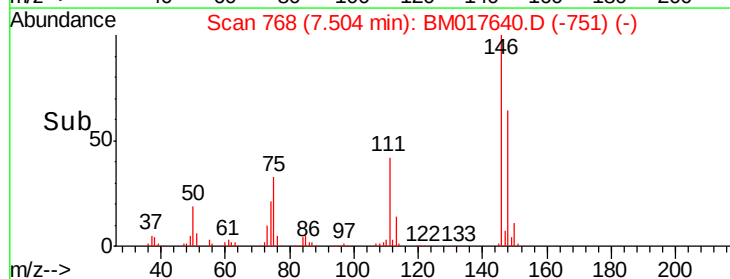
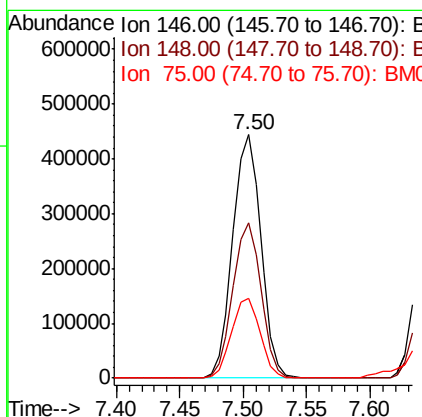
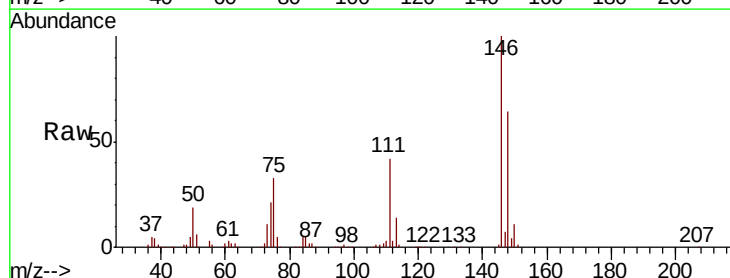
Instrument :
BNA_M
ClientSampleId :
PB114777BS

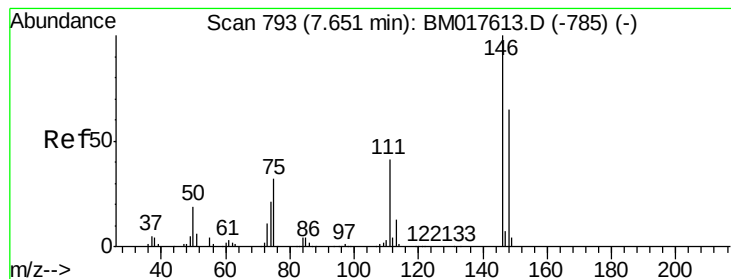
Tgt Ion: 93 Resp: 589727
Ion Ratio Lower Upper
93 100
63 80.1 57.9 97.9
95 32.3 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 41.103 ng
RT: 7.50 min Scan# 768
Delta R.T. -0.00 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Tgt Ion: 146 Resp: 683860
Ion Ratio Lower Upper
146 100
148 63.7 51.2 76.8
75 32.6 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 41.207 ng

RT: 7.65 min Scan# 793

Delta R.T. -0.00 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

Instrument :

BNA_M

ClientSampleId :

PB114777BS

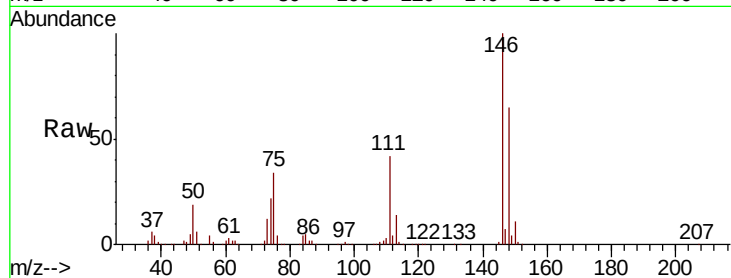
Tgt Ion:146 Resp: 702734

Ion Ratio Lower Upper

146 100

148 65.4 52.0 78.0

111 41.9 33.2 49.8

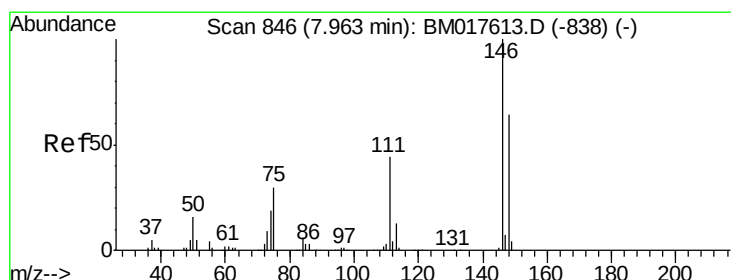
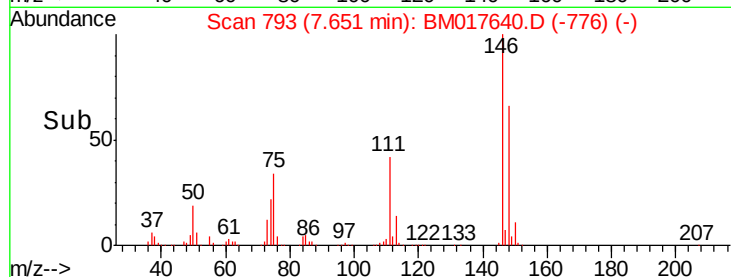
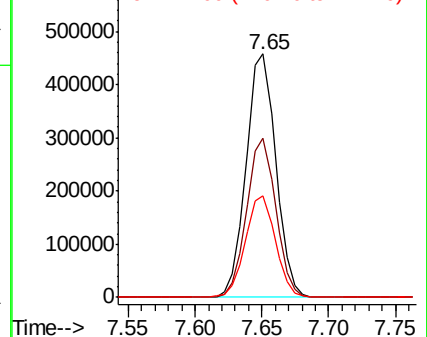


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.202 ng

RT: 7.96 min Scan# 846

Delta R.T. -0.00 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

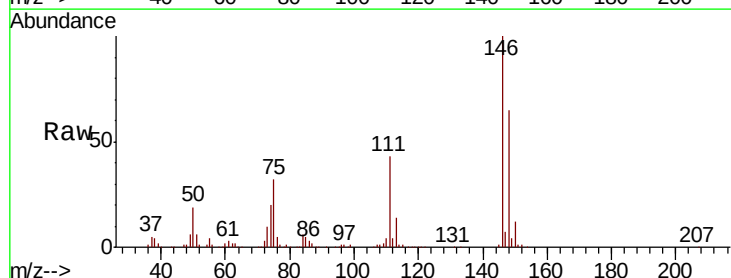
Tgt Ion:146 Resp: 681314

Ion Ratio Lower Upper

146 100

148 65.0 51.6 77.4

111 42.7 35.8 53.8

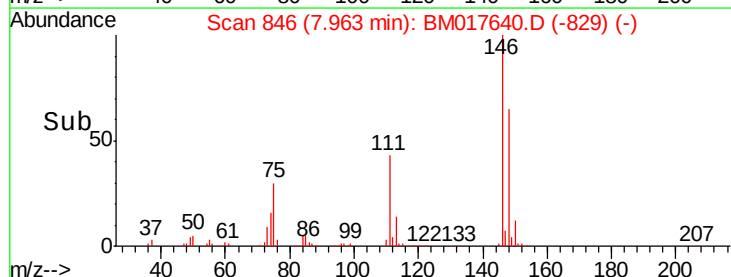
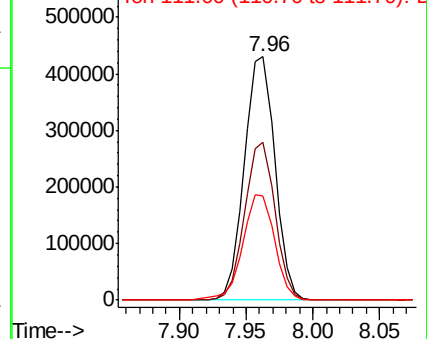


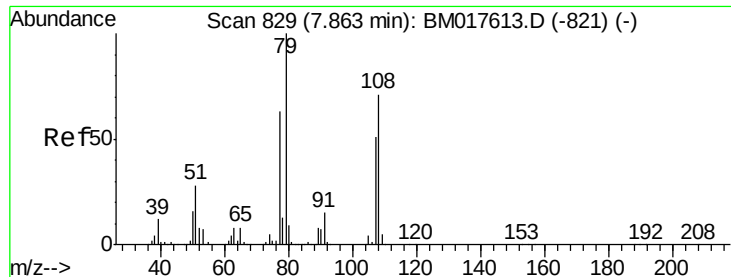
Abundance

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

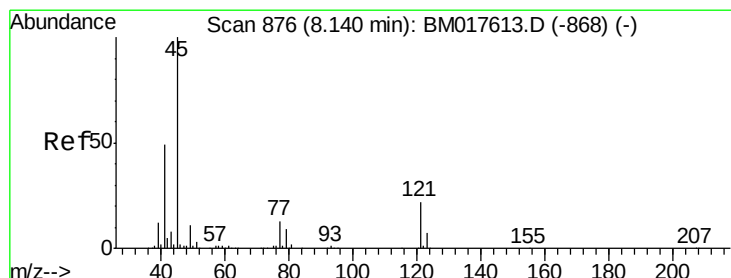
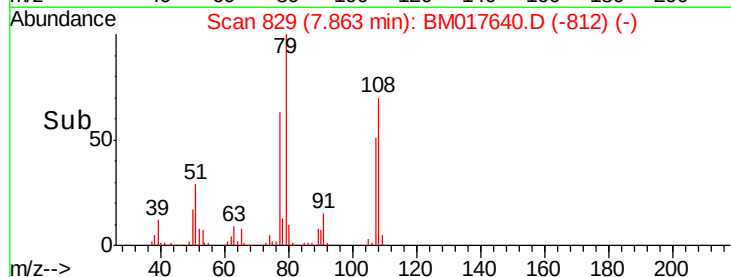
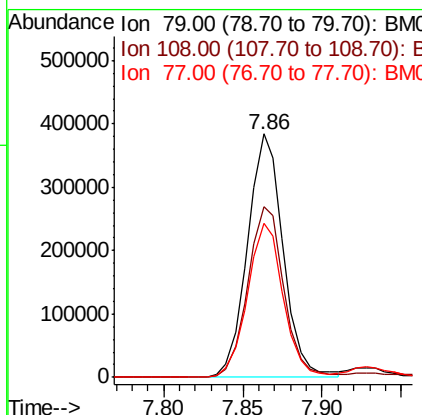
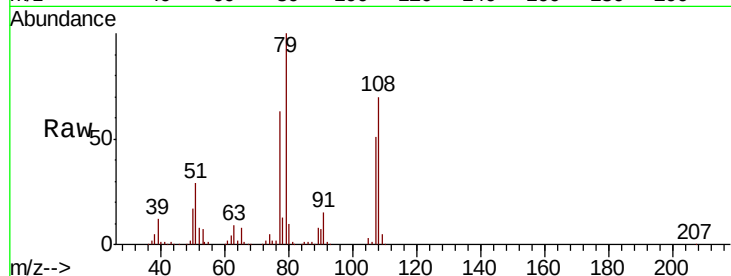




#15
Benzyl Alcohol
Concen: 43.547 ng
RT: 7.86 min Scan# 829
Delta R.T. -0.00 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

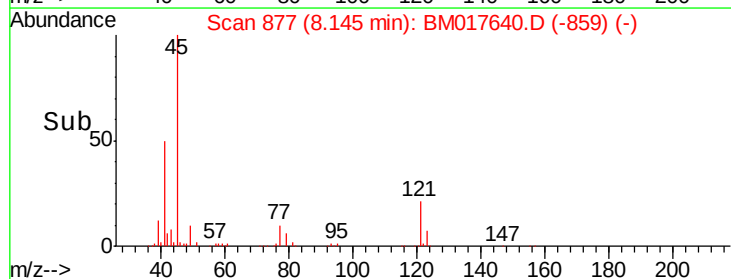
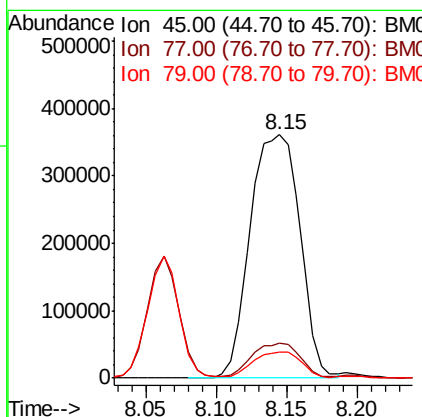
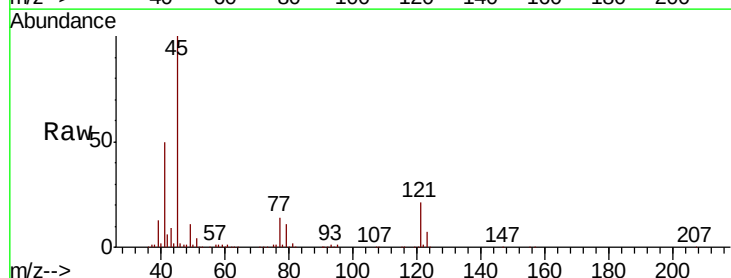
Instrument :
BNA_M
ClientSampleId :
PB114777BS

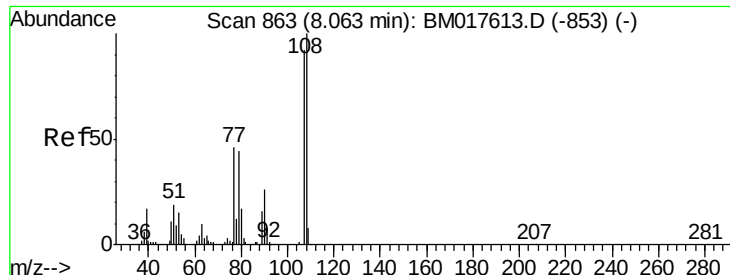
Tgt Ion: 79 Resp: 600167
Ion Ratio Lower Upper
79 100
108 70.3 57.1 85.7
77 63.5 50.4 75.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.875 ng
RT: 8.15 min Scan# 877
Delta R.T. 0.01 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Tgt Ion: 45 Resp: 892420
Ion Ratio Lower Upper
45 100
77 14.4 0.0 34.2
79 10.7 0.0 30.5

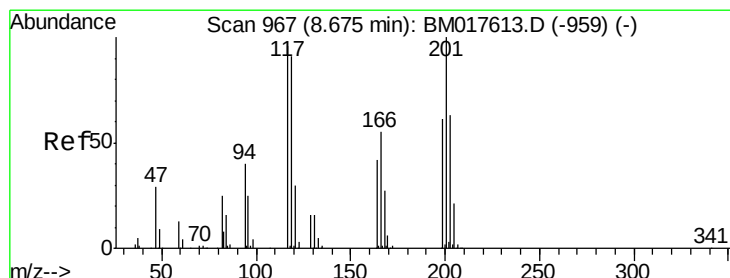
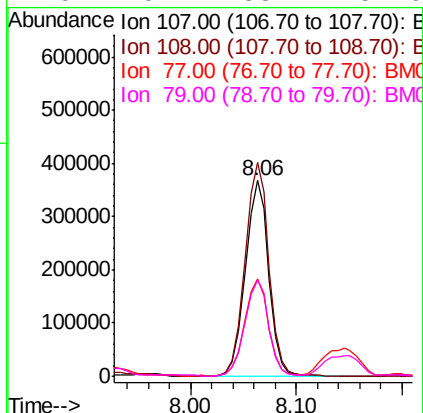
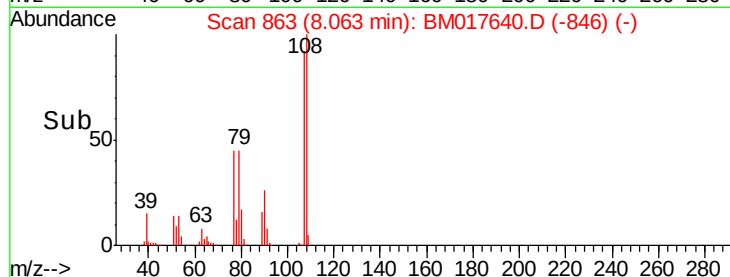
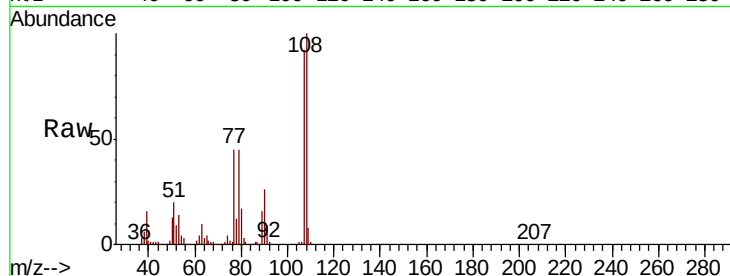




#17
2-Methylphenol
Concen: 45.761 ng
RT: 8.06 min Scan# 863
Delta R.T. -0.00 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

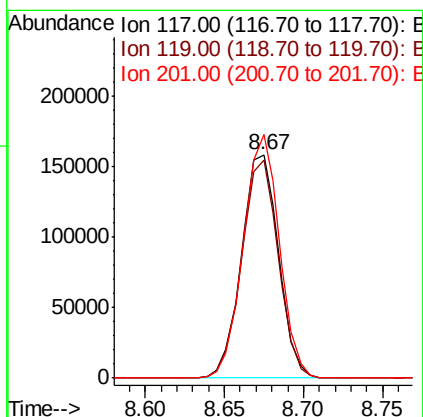
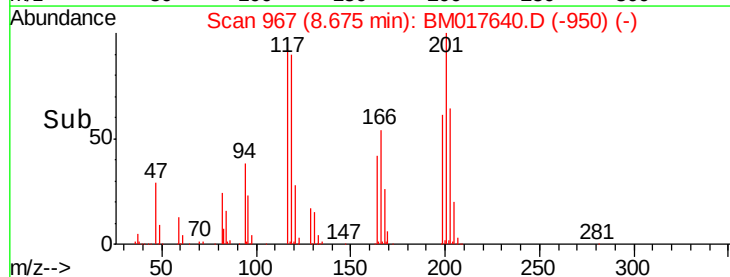
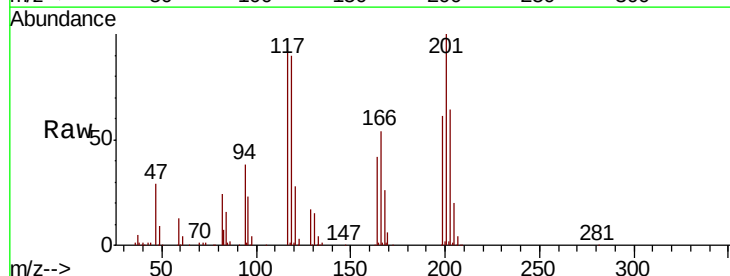
Instrument :
BNA_M
ClientSampleId :
PB114777BS

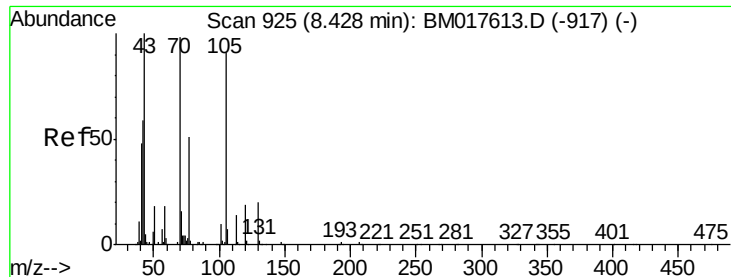
Tgt Ion:	107	Resp:	559985
Ion	Ratio	Lower	Upper
107	100		
108	109.1	86.7	130.1
77	49.4	39.8	59.6
79	49.1	38.4	57.6



#18
Hexachloroethane
Concen: 42.807 ng
RT: 8.67 min Scan# 967
Delta R.T. -0.00 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Tgt Ion:	117	Resp:	257295
Ion	Ratio	Lower	Upper
117	100		
119	97.7	75.8	113.8
201	109.0	83.0	124.4

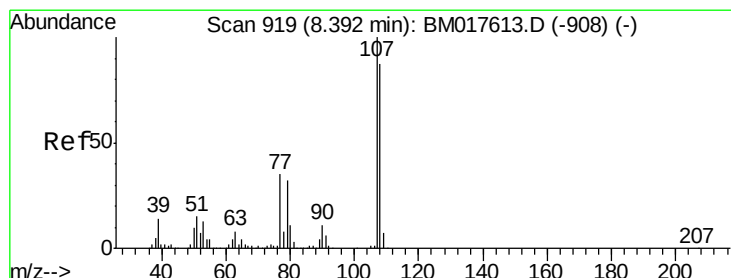
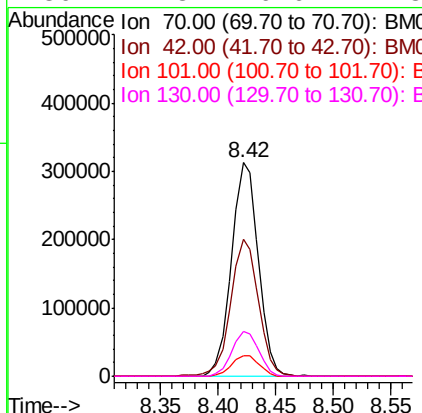
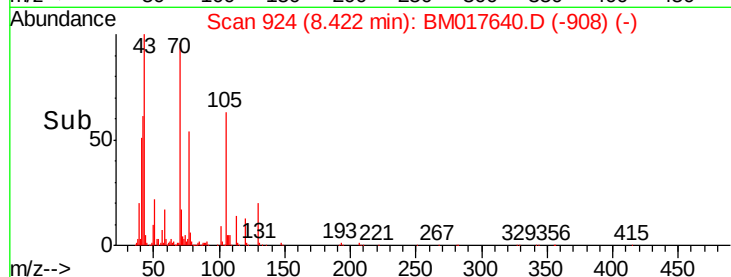
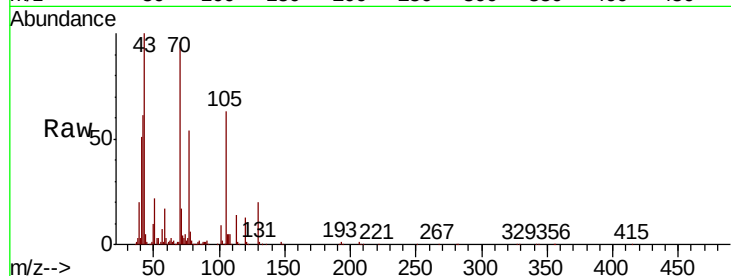




#19
n-Nitroso-di-n-propylamine
Concen: 40.504 ng
RT: 8.42 min Scan# 924
Delta R.T. -0.01 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

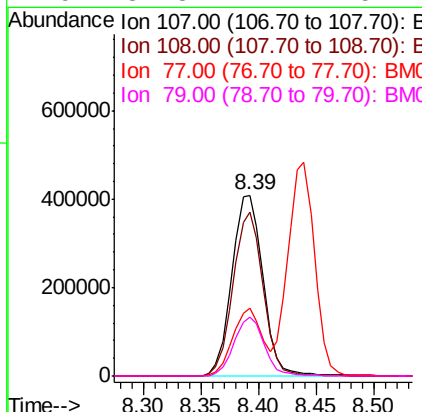
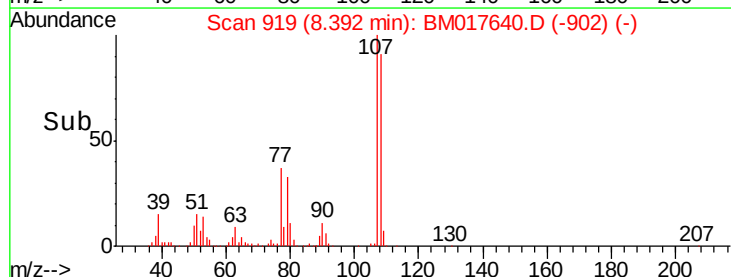
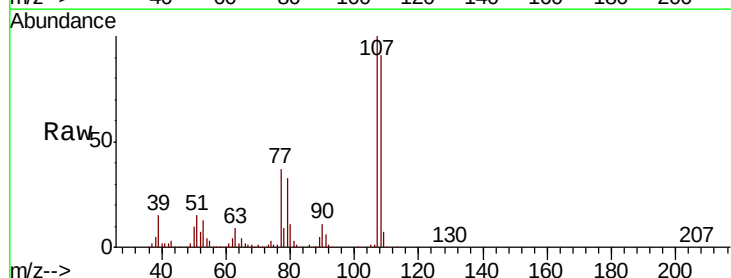
Instrument :
BNA_M
ClientSampleId :
PB114777BS

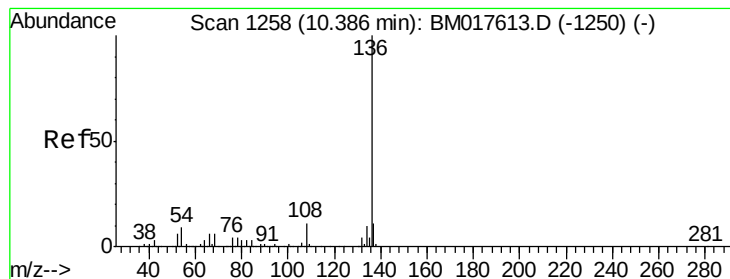
Tgt Ion:	70	Resp:	503315
Ion	Ratio	Lower	Upper
70	100		
42	63.9	48.6	73.0
101	9.5	7.9	11.9
130	21.3	16.6	24.8



#20
3+4-Methylphenols
Concen: 44.874 ng
RT: 8.39 min Scan# 919
Delta R.T. -0.00 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Tgt Ion:	107	Resp:	762947
Ion	Ratio	Lower	Upper
107	100		
108	90.9	67.0	107.0
77	37.4	15.6	55.6
79	32.8	11.7	51.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.39 min Scan# 1258

Delta R.T. -0.00 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

Instrument :

BNA_M

ClientSampleId :

PB114777BS

Tgt Ion:136 Resp: 879910

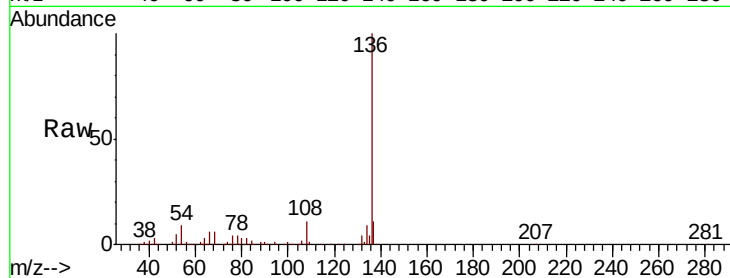
Ion Ratio Lower Upper

136 100

137 10.7 8.6 12.8

54 8.6 7.0 10.6

68 5.8 4.9 7.3



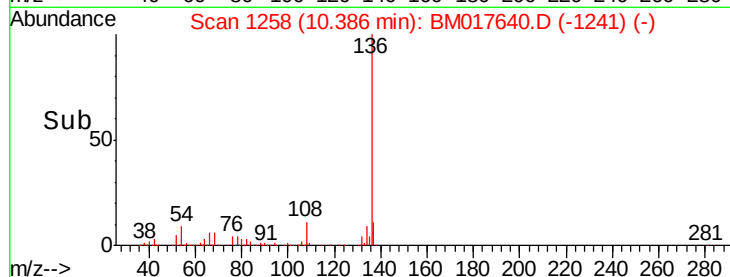
Abundance

Ion 136.00 (135.70 to 136.70): E

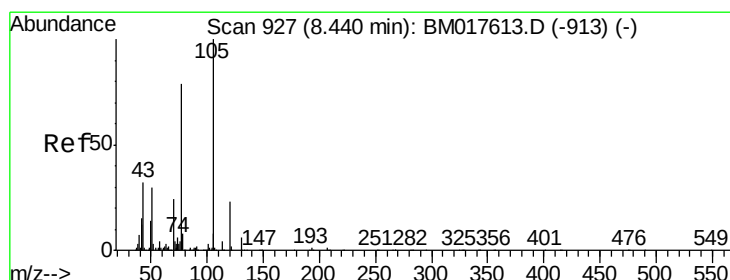
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



Time-->



#22

Acetophenone

Concen: 44.523 ng

RT: 8.44 min Scan# 927

Delta R.T. -0.00 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

Tgt Ion:105 Resp: 977766

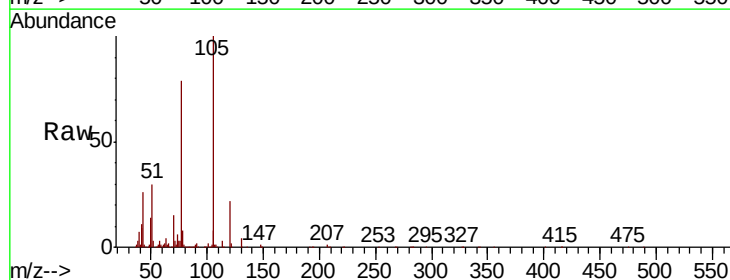
Ion Ratio Lower Upper

105 100

71 2.5 3.1 4.7#

51 30.1 23.8 35.8

120 21.9 18.0 27.0



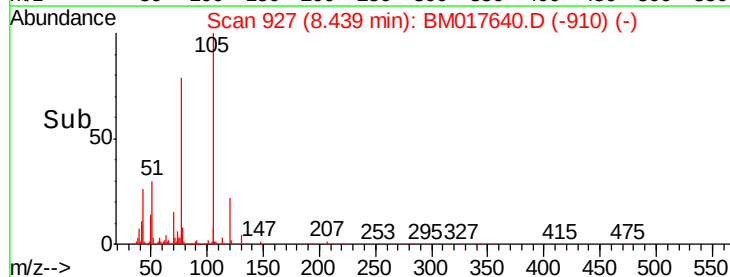
Abundance

Ion 105.00 (104.70 to 105.70): E

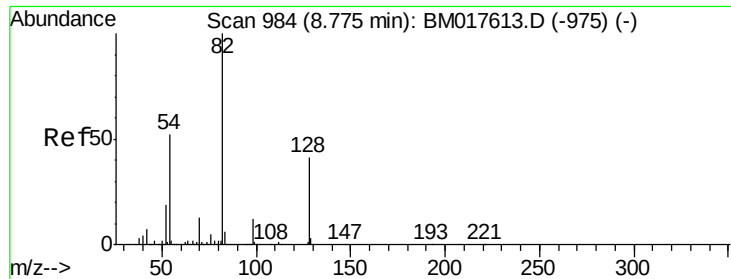
Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E



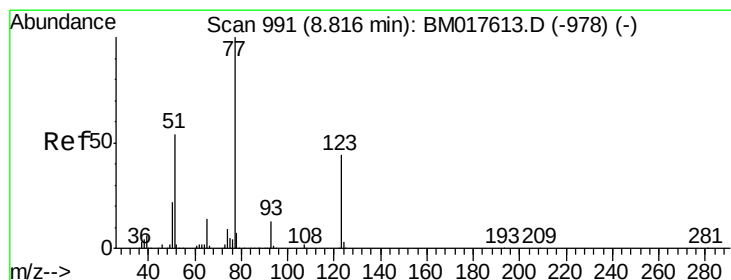
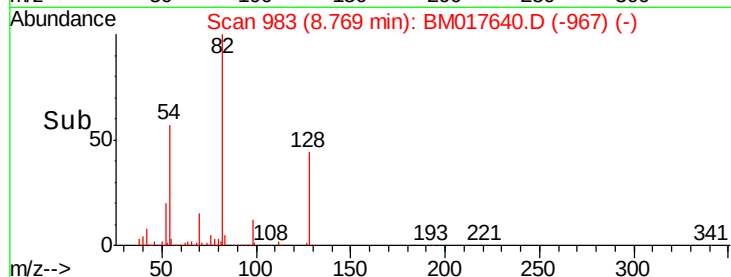
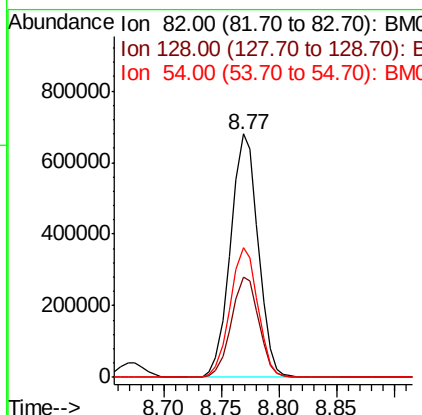
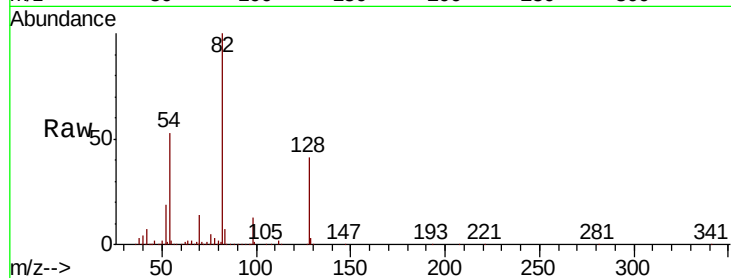
Time-->



#23
 Nitrobenzene-d5
 Concen: 66.050 ng
 RT: 8.77 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: BM017640.D
 Acq: 14 Nov 2018 02:51

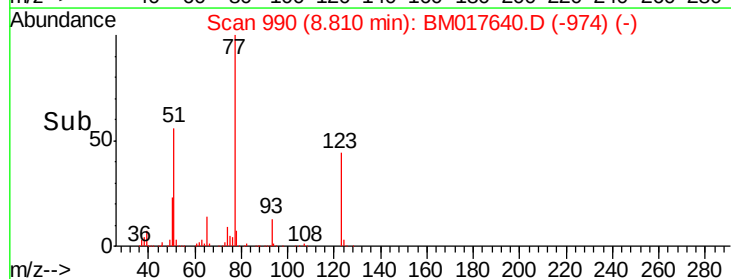
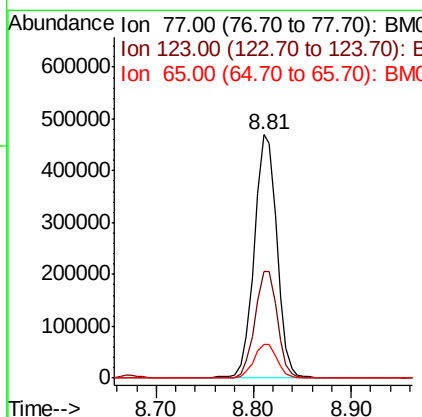
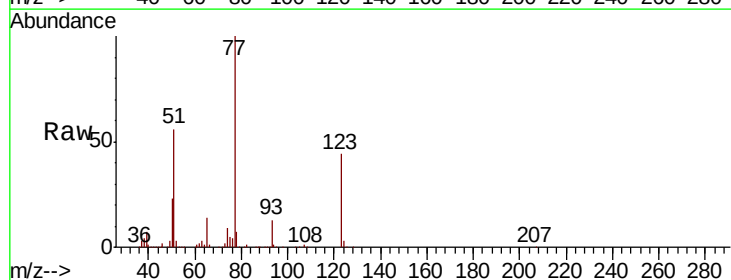
Instrument :
 BNA_M
 ClientSampleId :
 PB114777BS

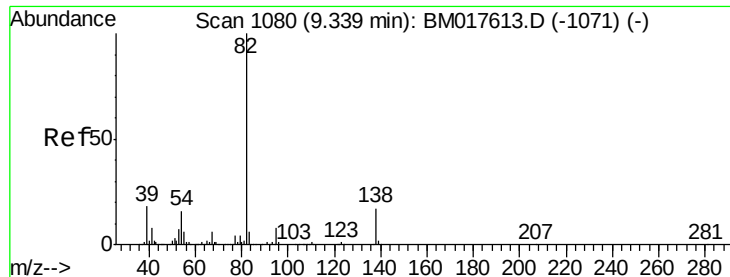
Tgt Ion: 82 Resp: 1125773
 Ion Ratio Lower Upper
 82 100
 128 41.4 33.0 49.4
 54 53.3 41.4 62.2



#24
 Nitrobenzene
 Concen: 44.096 ng
 RT: 8.81 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BM017640.D
 Acq: 14 Nov 2018 02:51

Tgt Ion: 77 Resp: 762550
 Ion Ratio Lower Upper
 77 100
 123 43.7 35.1 52.7
 65 13.8 11.0 16.6

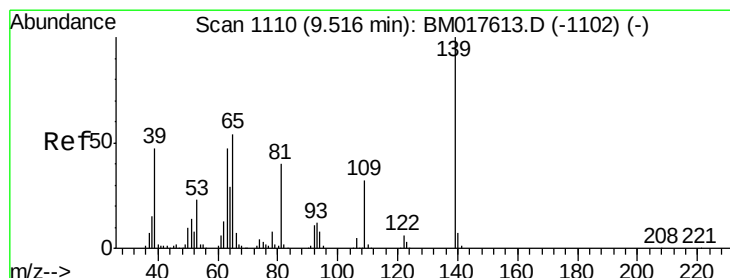
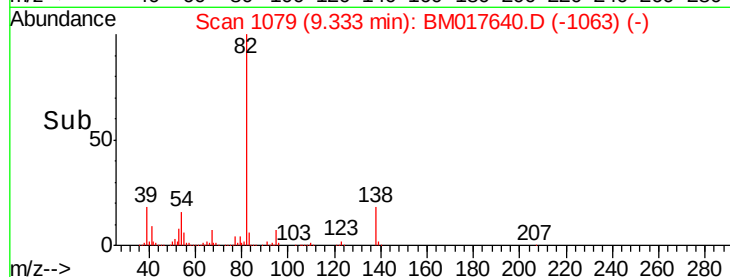
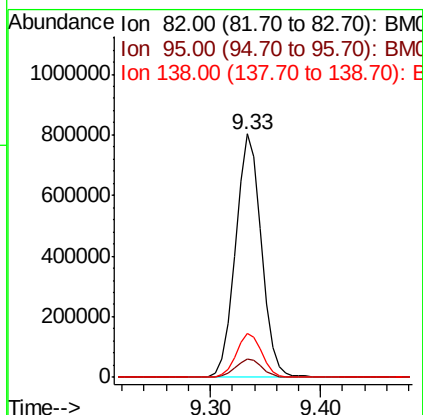
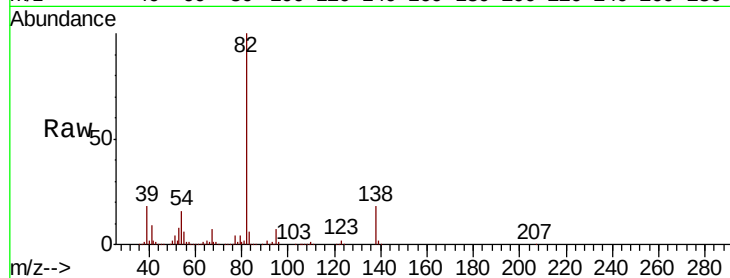




#25
Isophorone
Concen: 50.097 ng
RT: 9.33 min Scan# 1079
Delta R.T. -0.01 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

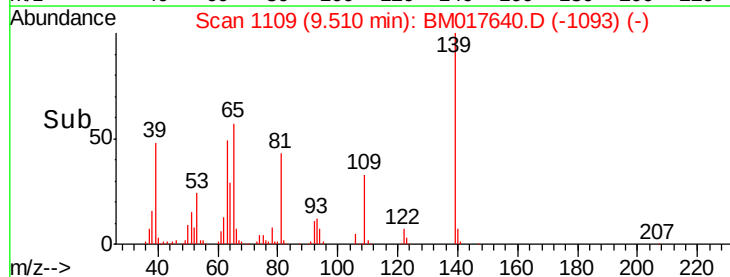
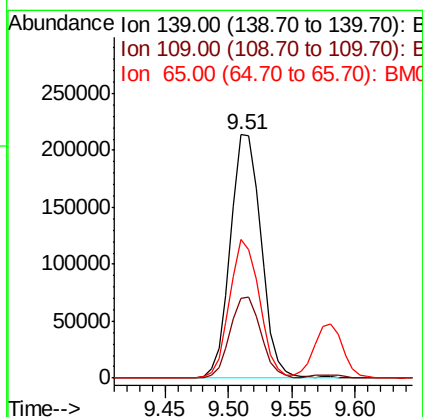
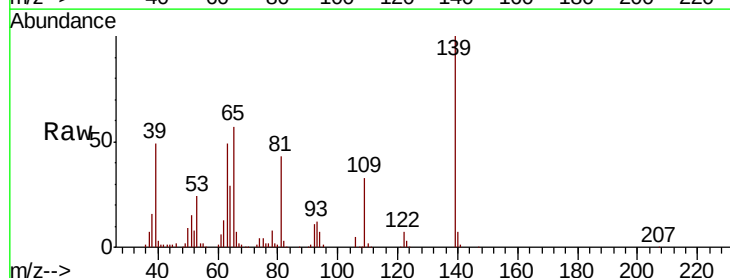
Instrument :
BNA_M
ClientSampleId :
PB114777BS

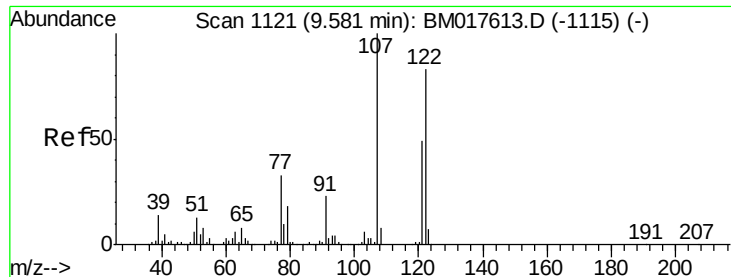
Tgt Ion: 82 Resp: 1318818
Ion Ratio Lower Upper
82 100
95 7.3 6.1 9.1
138 17.9 13.9 20.9



#26
2-Nitrophenol
Concen: 45.163 ng
RT: 9.51 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Tgt Ion: 139 Resp: 359737
Ion Ratio Lower Upper
139 100
109 33.0 25.9 38.9
65 57.1 43.0 64.4

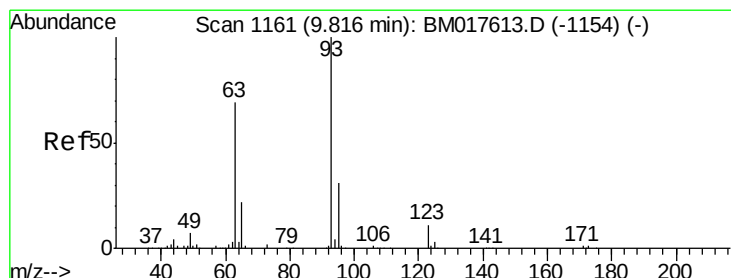
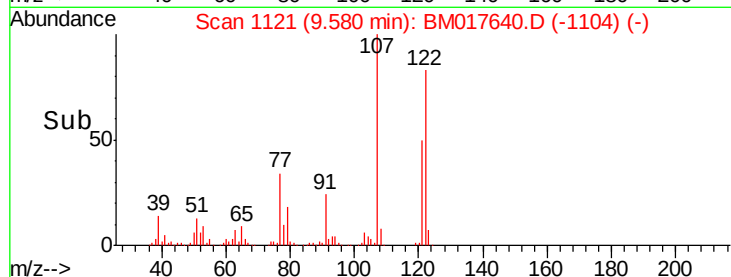
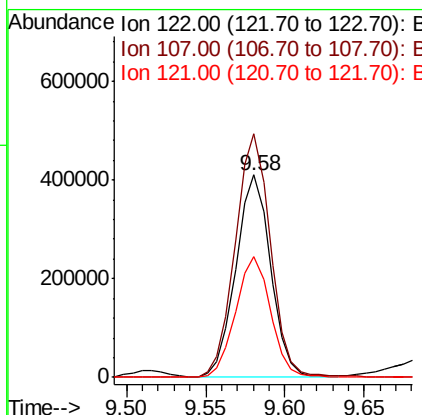
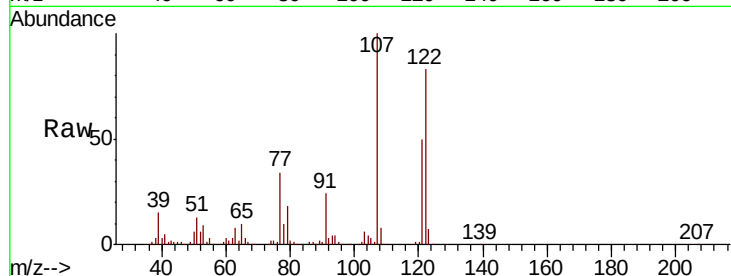




#27
2,4-Dimethylphenol
Concen: 54.182 ng
RT: 9.58 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

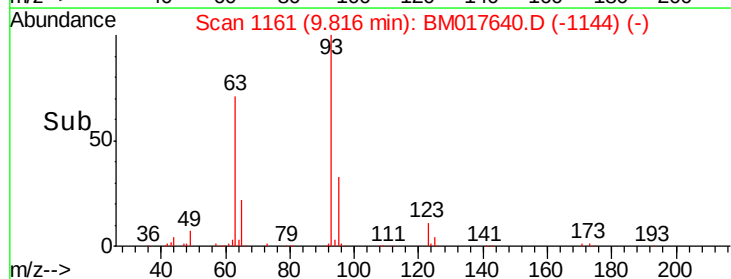
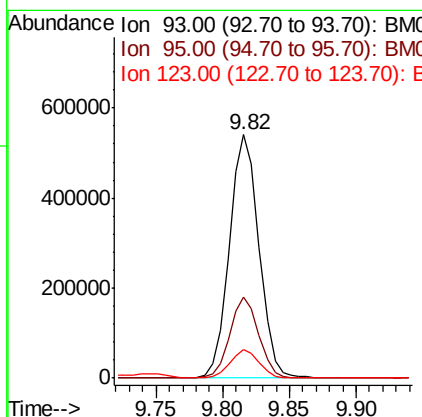
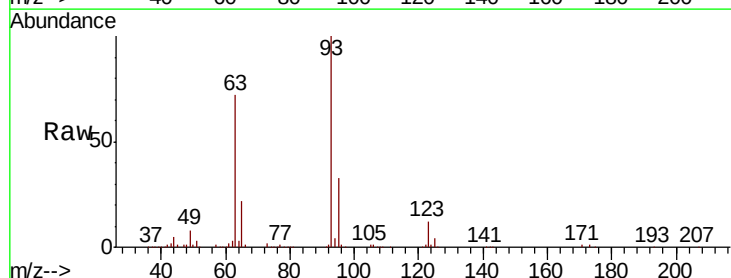
Instrument :
BNA_M
ClientSampleId :
PB114777BS

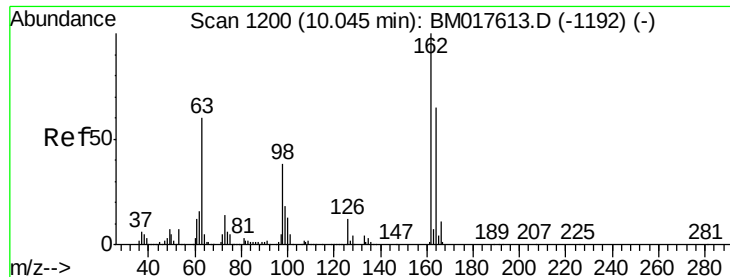
Tgt Ion:122 Resp: 621991
Ion Ratio Lower Upper
122 100
107 120.3 95.8 143.8
121 59.9 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 46.977 ng
RT: 9.82 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Tgt Ion: 93 Resp: 837589
Ion Ratio Lower Upper
93 100
95 33.1 24.9 37.3
123 11.6 8.7 13.1

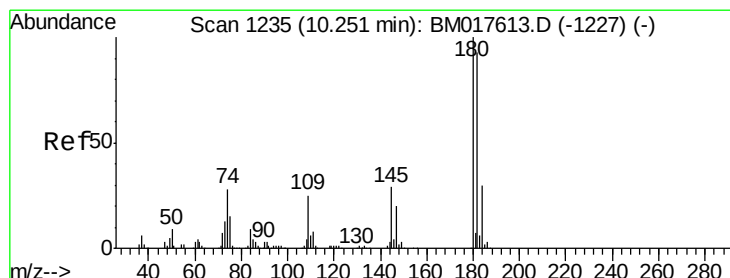
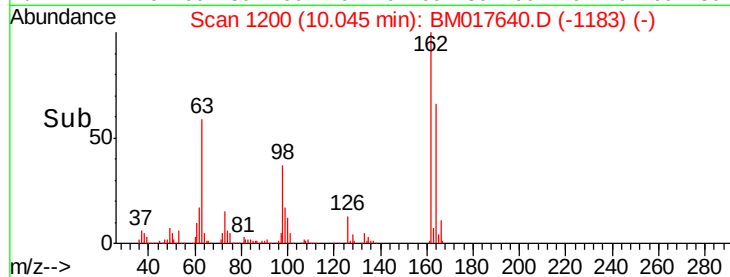
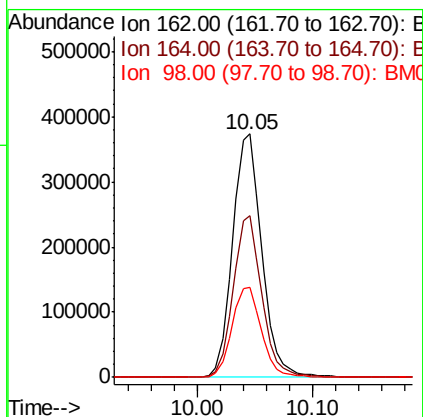
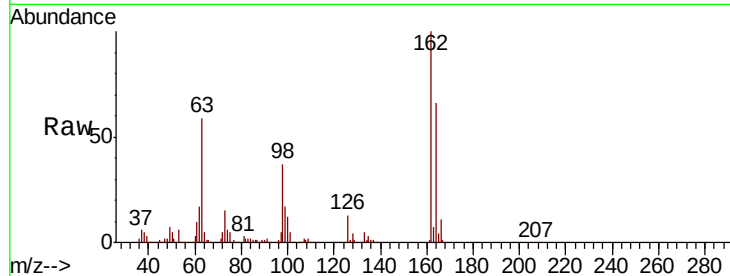




#29
 2,4-Dichlorophenol
 Concen: 49.103 ng
 RT: 10.05 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BM017640.D
 Acq: 14 Nov 2018 02:51

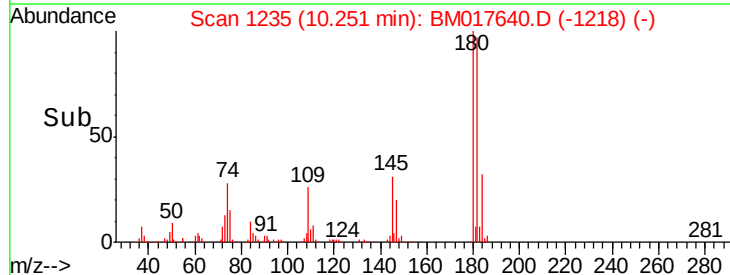
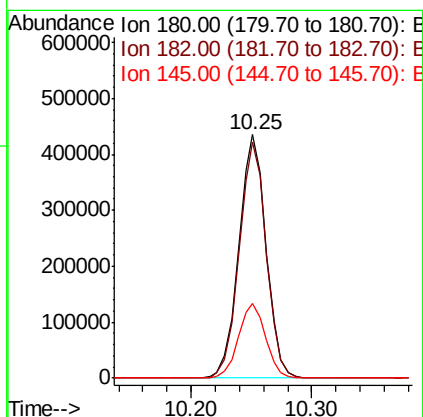
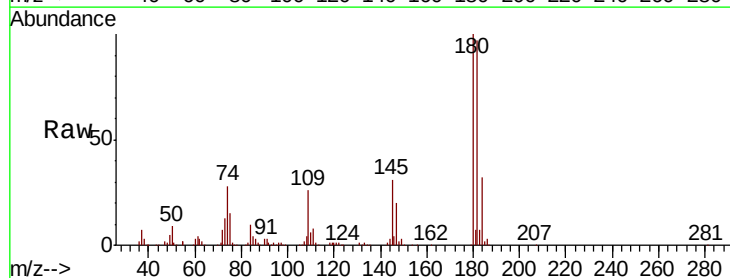
Instrument :
 BNA_M
 ClientSampleId :
 PB114777BS

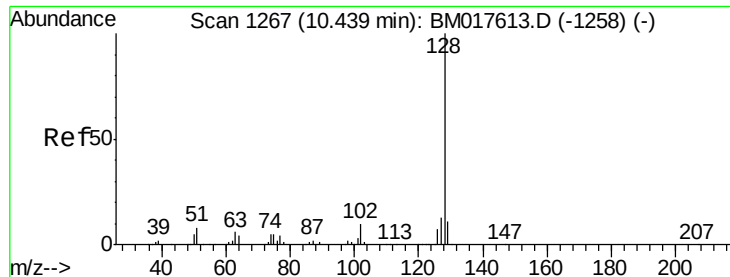
Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.2	45.0	85.0
98	37.0	17.5	57.5



#30
 1,2,4-Trichlorobenzene
 Concen: 43.858 ng
 RT: 10.25 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: BM017640.D
 Acq: 14 Nov 2018 02:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	74.4	111.6
145	30.6	23.5	35.3

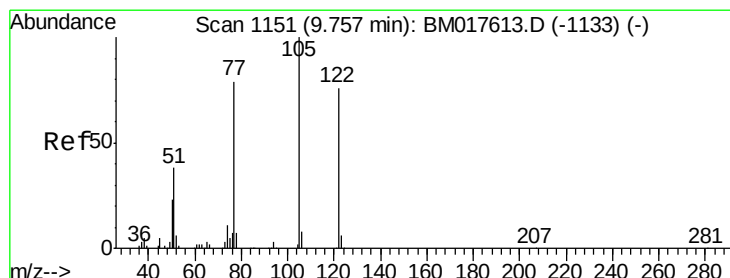
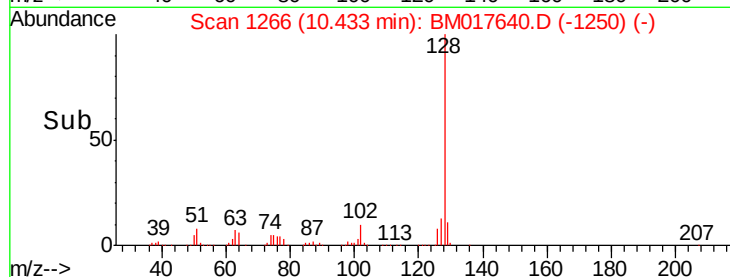
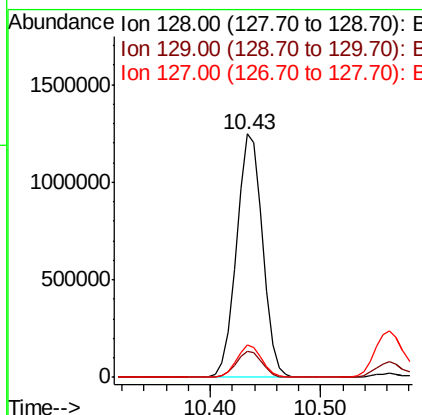
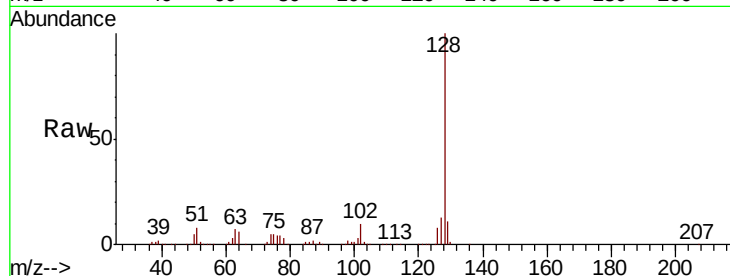




#31
Naphthalene
Concen: 47.711 ng
RT: 10.43 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

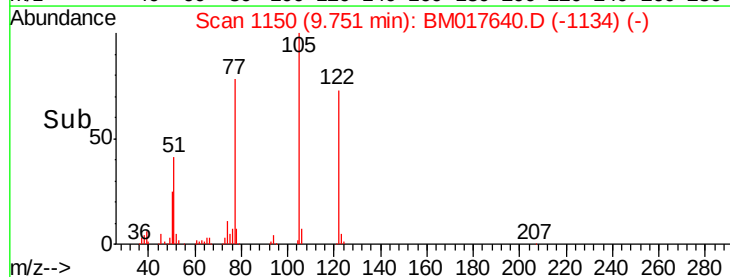
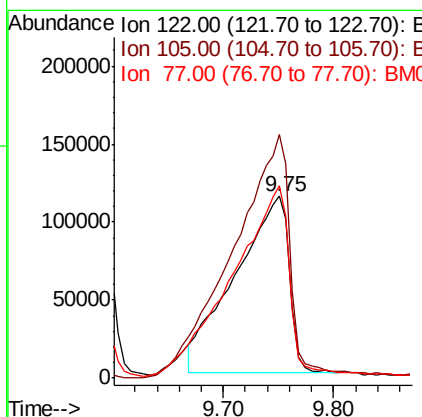
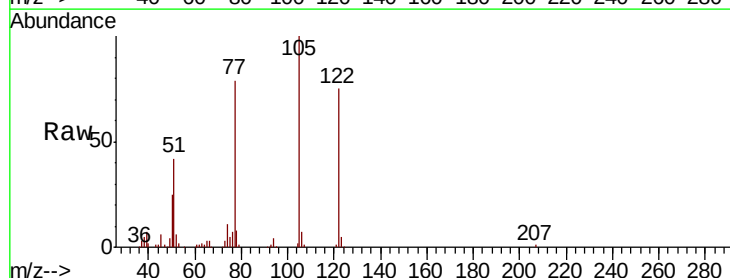
Instrument :
BNA_M
ClientSampleId :
PB114777BS

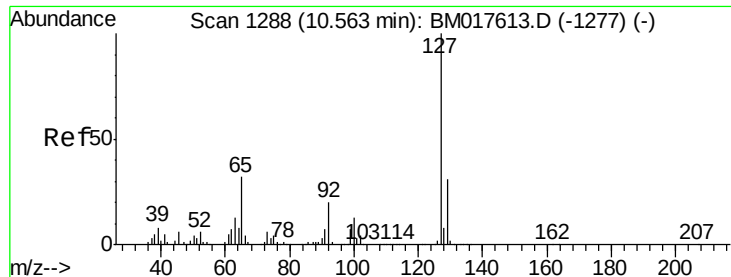
Tgt Ion:128 Resp: 2064079
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 13.1 10.3 15.5



#32
Benzoic acid
Concen: 37.138 ng
RT: 9.75 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Tgt Ion:122 Resp: 386196
Ion Ratio Lower Upper
122 100
105 133.8 109.1 149.1
77 105.8 82.1 122.1

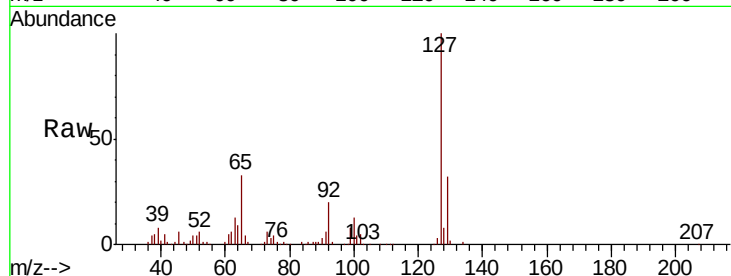




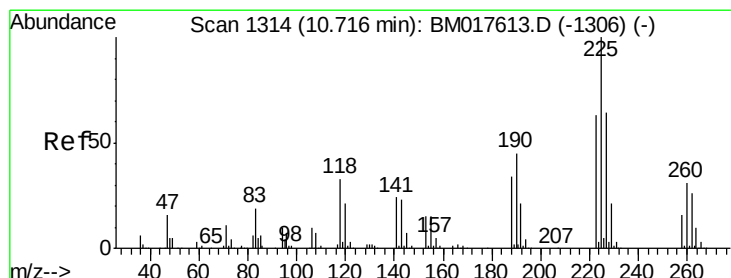
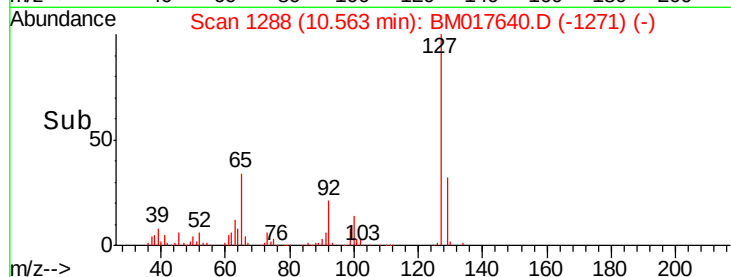
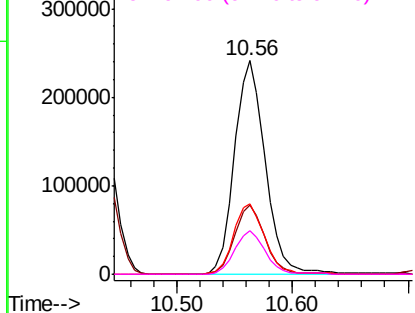
#33
4-Chloroaniline
Concen: 23.583 ng
RT: 10.56 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Instrument :
BNA_M
ClientSampleId :
PB114777BS

Tgt Ion:	127	Resp:	446814
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.0	37.4
65	32.8	25.8	38.8
92	20.5	15.8	23.6

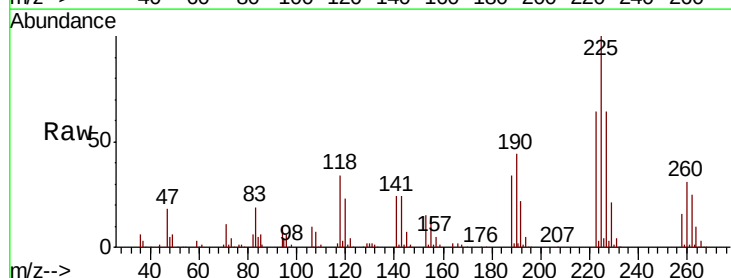


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

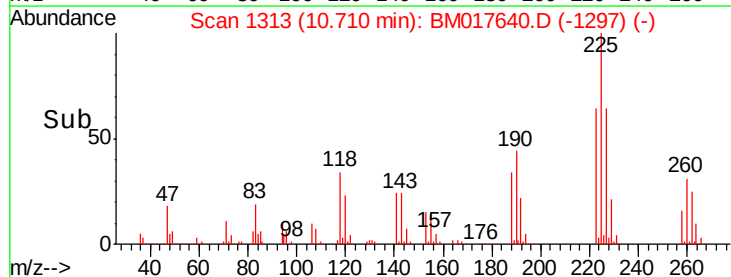
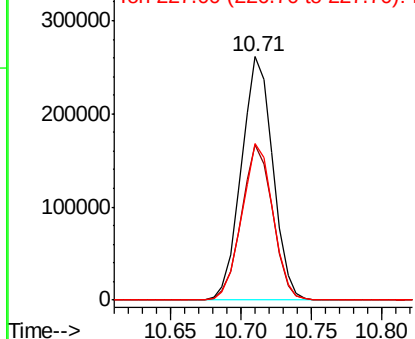


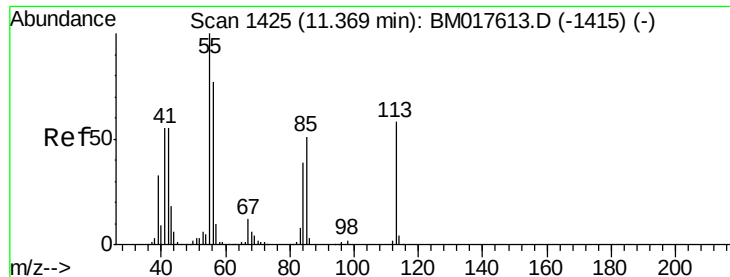
#34
Hexachlorobutadiene
Concen: 42.386 ng
RT: 10.71 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Tgt Ion:	225	Resp:	407829
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.7	76.1
227	64.1	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

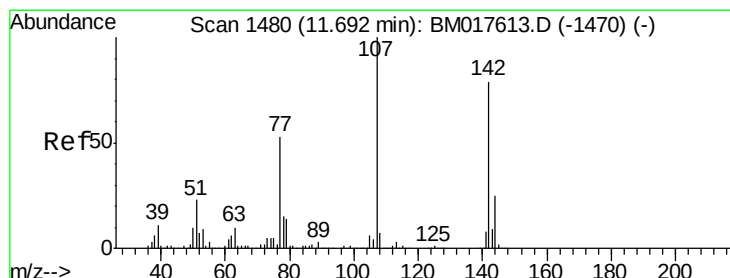
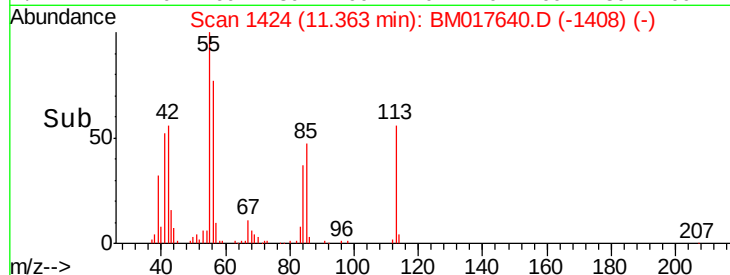
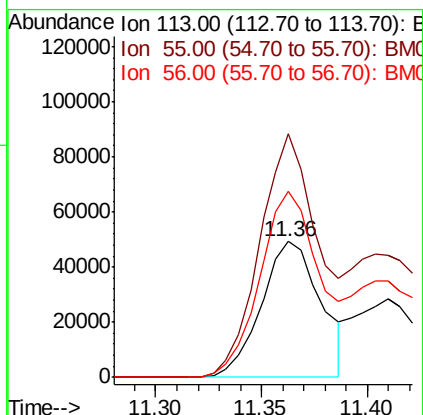
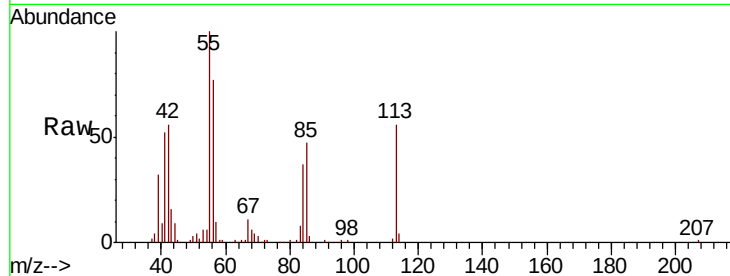




#35
 Caprolactam
 Concen: 19.661 ng
 RT: 11.36 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BM017640.D
 Acq: 14 Nov 2018 02:51

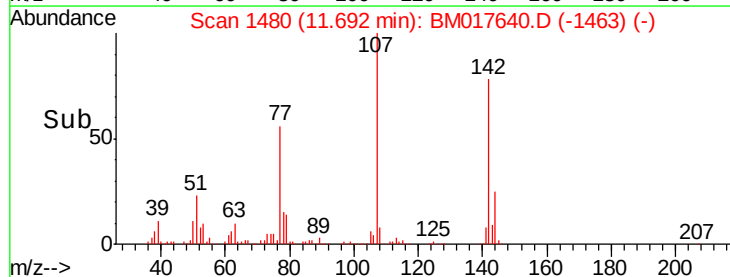
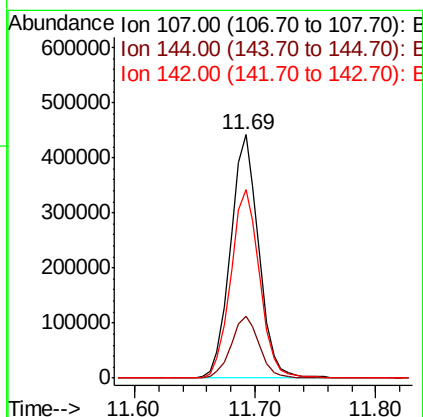
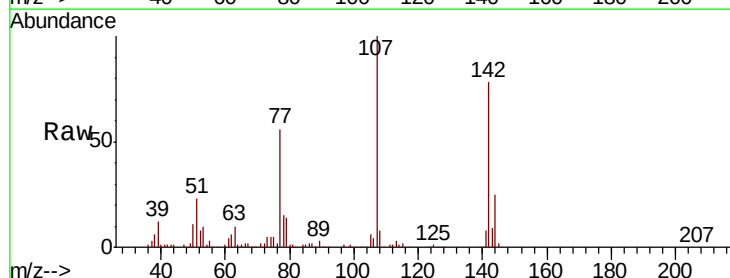
Instrument :
 BNA_M
 ClientSampleId :
 PB114777BS

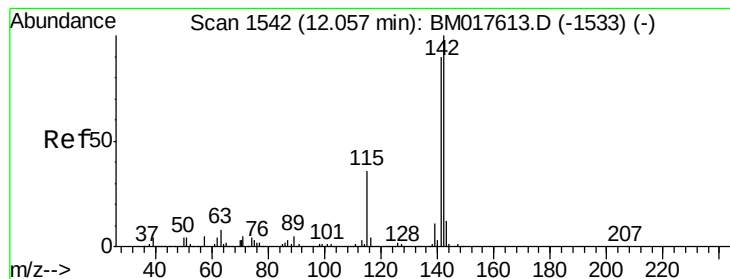
Tgt Ion:113 Resp: 96487
 Ion Ratio Lower Upper
 113 100
 55 179.0 153.1 193.1
 56 137.2 112.7 152.7



#36
 4-Chloro-3-methylphenol
 Concen: 46.829 ng
 RT: 11.69 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: BM017640.D
 Acq: 14 Nov 2018 02:51

Tgt Ion:107 Resp: 720486
 Ion Ratio Lower Upper
 107 100
 144 25.2 19.9 29.9
 142 77.5 63.0 94.4





#37

2-Methylnaphthalene

Concen: 50.446 ng

RT: 12.06 min Scan# 1542

Delta R.T. -0.00 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

Instrument :

BNA_M

ClientSampleId :

PB114777BS

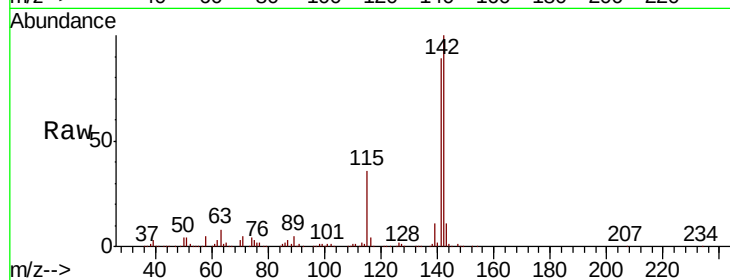
Tgt Ion:142 Resp: 1542462

Ion Ratio Lower Upper

142 100

141 88.6 72.2 108.4

115 35.7 28.5 42.7

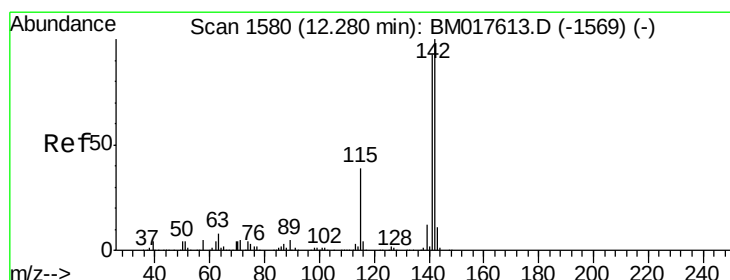
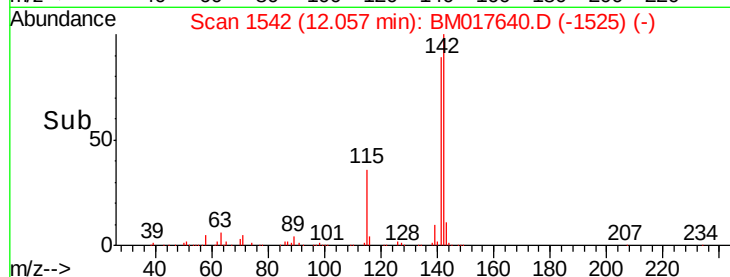
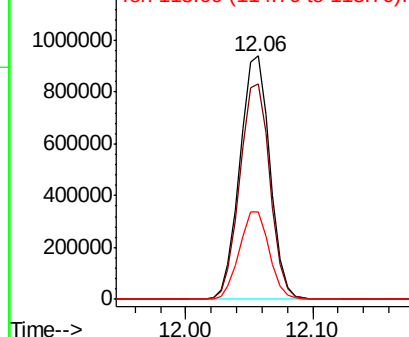


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 48.767 ng

RT: 12.28 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

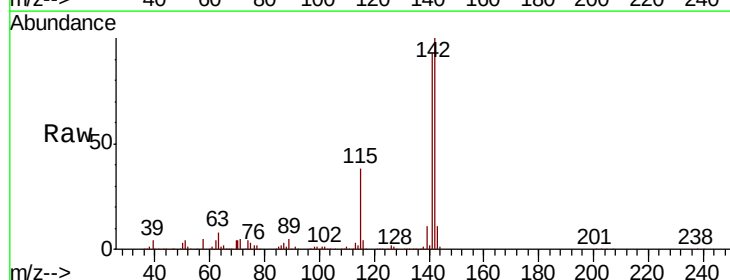
Tgt Ion:142 Resp: 1462058

Ion Ratio Lower Upper

142 100

141 93.1 74.2 111.4

116 4.1 3.1 4.7

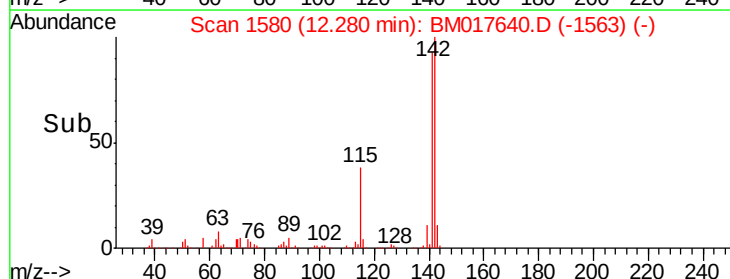
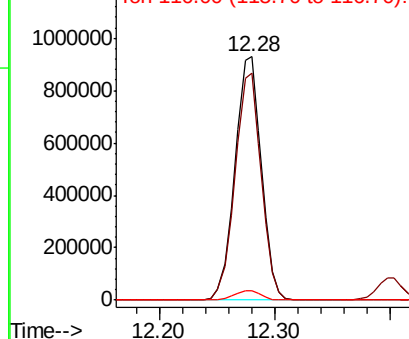


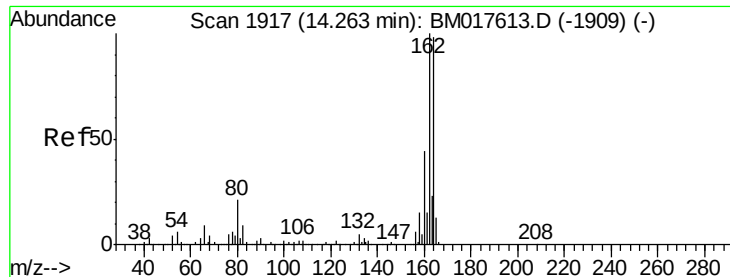
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.26 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

Instrument :

BNA_M

ClientSampleId :

PB114777BS

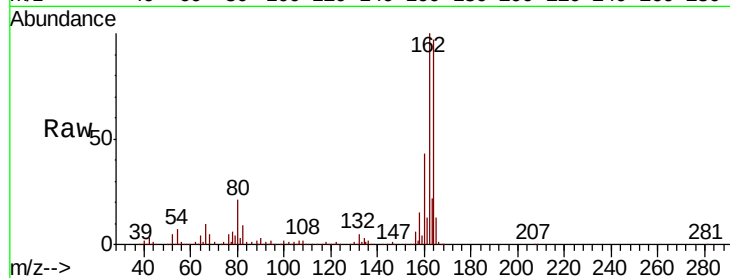
Tgt Ion:164 Resp: 528879

Ion Ratio Lower Upper

164 100

162 102.6 81.4 122.0

160 44.4 35.6 53.4

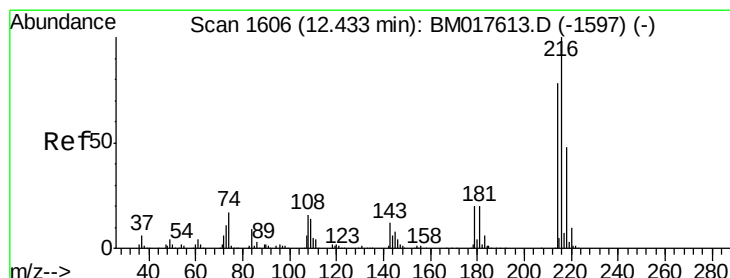
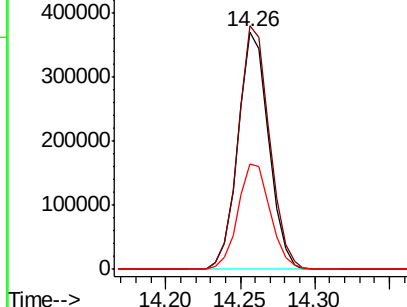
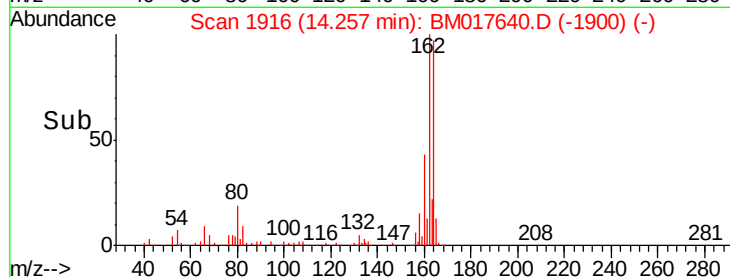


Abundance

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: 42.387 ng

RT: 12.43 min Scan# 1605

Delta R.T. -0.01 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

Tgt Ion:216 Resp: 790499

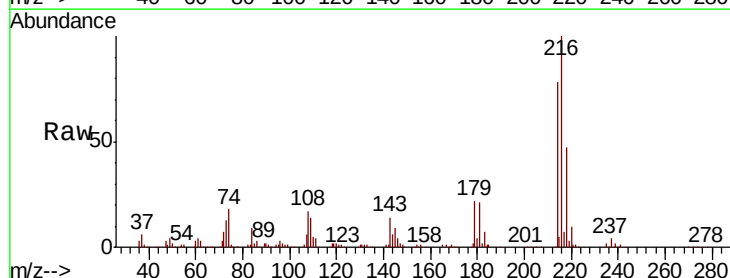
Ion Ratio Lower Upper

216 100

214 78.6 62.5 93.7

179 21.5 16.8 25.2

108 21.5 14.6 22.0



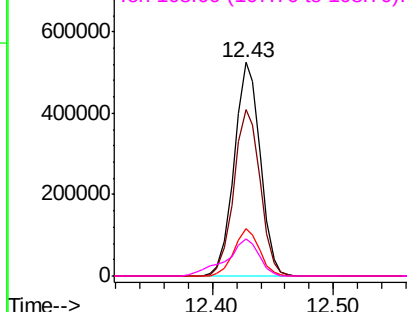
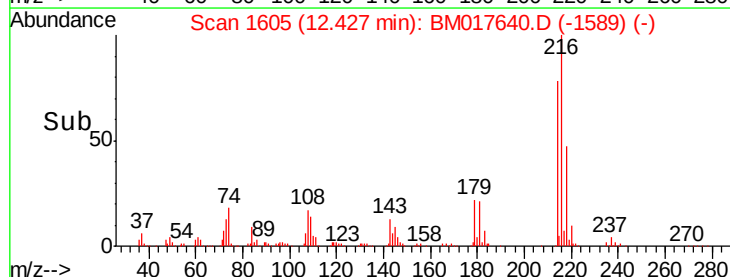
Abundance

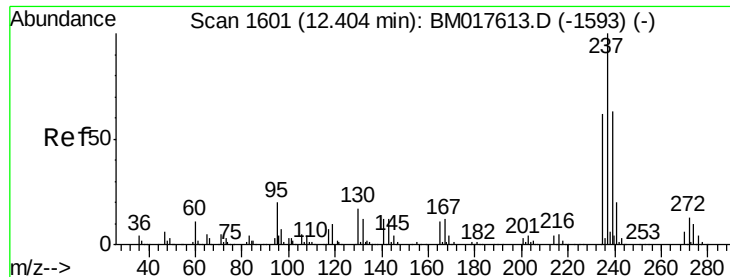
Ion 216.00 (215.70 to 216.70): E

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

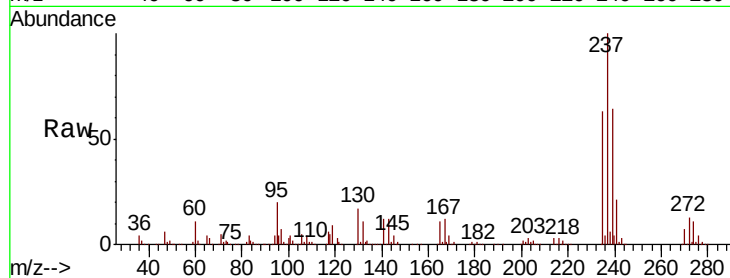




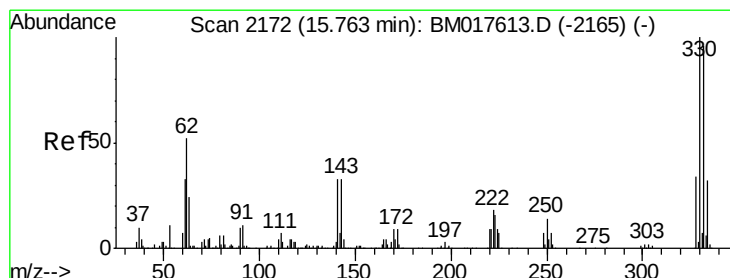
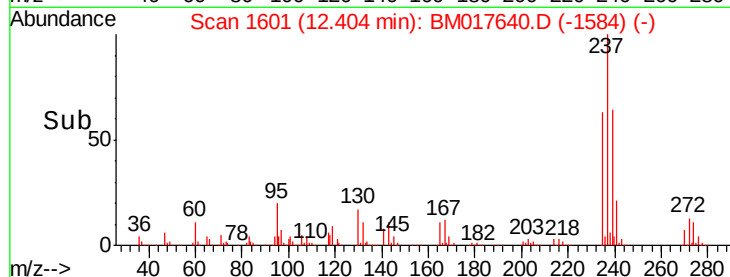
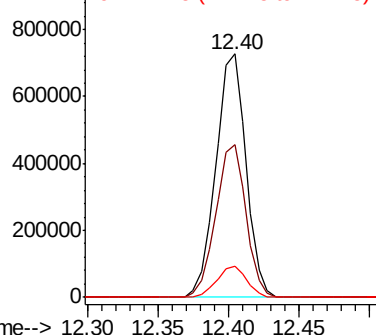
#41
Hexachlorocyclopentadiene
Concen: 113.163 ng
RT: 12.40 min Scan# 1601
Delta R.T. -0.00 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Instrument :
BNA_M
ClientSampleId :
PB114777BS

Tgt Ion:237 Resp: 1090547
Ion Ratio Lower Upper
237 100
235 62.9 42.2 82.2
272 12.9 0.0 32.6

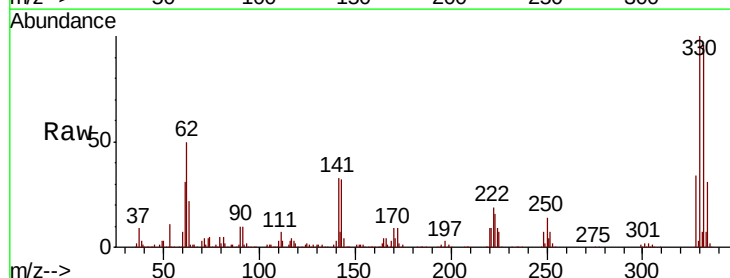


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

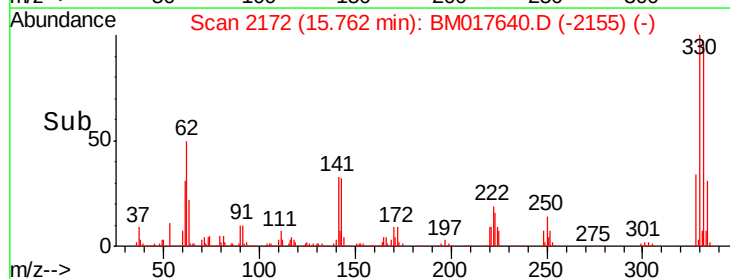
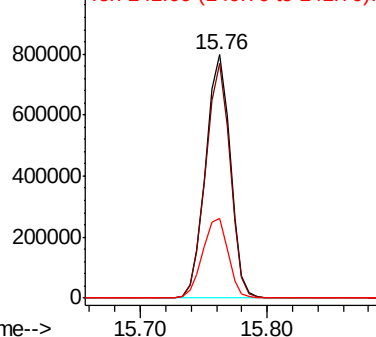


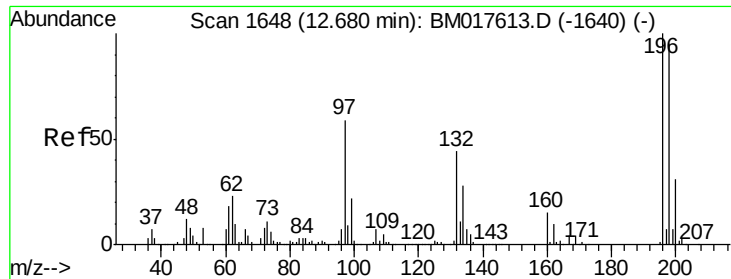
#42
2,4,6-Tribromophenol
Concen: 140.877 ng
RT: 15.76 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Tgt Ion:330 Resp: 1070557
Ion Ratio Lower Upper
330 100
332 95.7 77.9 116.9
141 34.0 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

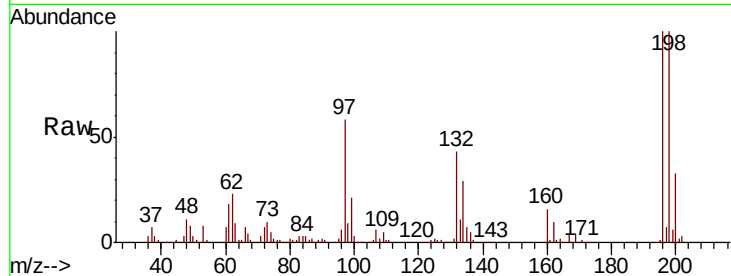




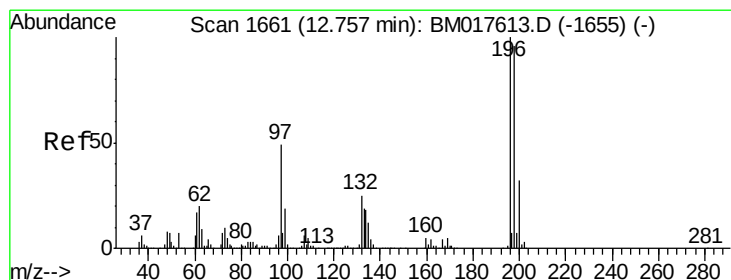
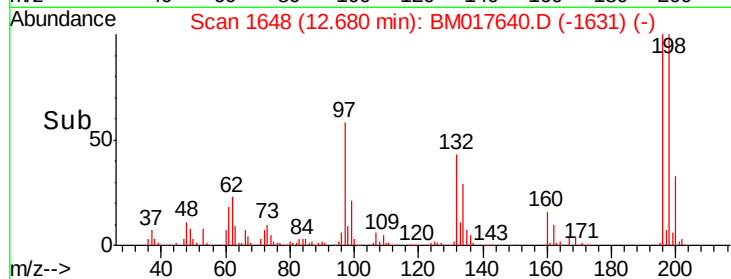
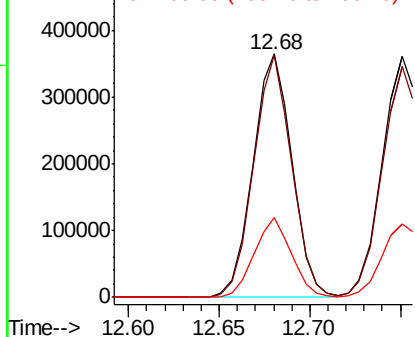
#43
 2,4,6-Trichlorophenol
 Concen: 46.490 ng
 RT: 12.68 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: BM017640.D
 Acq: 14 Nov 2018 02:51

Instrument :
 BNA_M
 ClientSampleId :
 PB114777BS

Tgt Ion:196 Resp: 543072
 Ion Ratio Lower Upper
 196 100
 198 99.6 75.6 113.4
 200 32.6 24.8 37.2

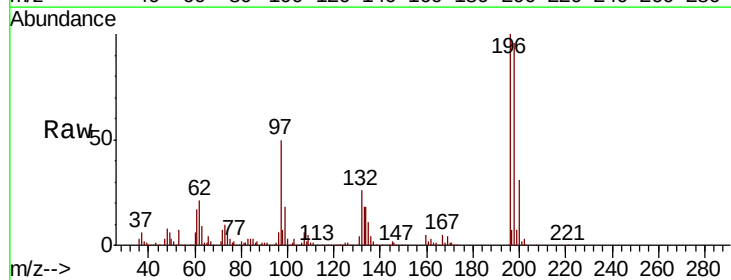


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

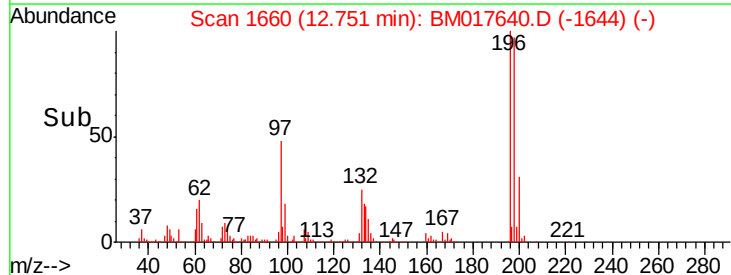
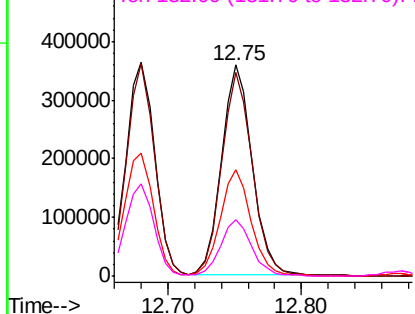


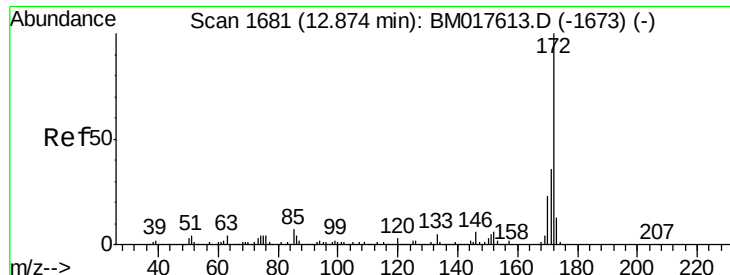
#44
 2,4,5-Trichlorophenol
 Concen: 47.147 ng
 RT: 12.75 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BM017640.D
 Acq: 14 Nov 2018 02:51

Tgt Ion:196 Resp: 581519
 Ion Ratio Lower Upper
 196 100
 198 96.1 76.8 115.2
 97 50.1 39.0 58.6
 132 26.5 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

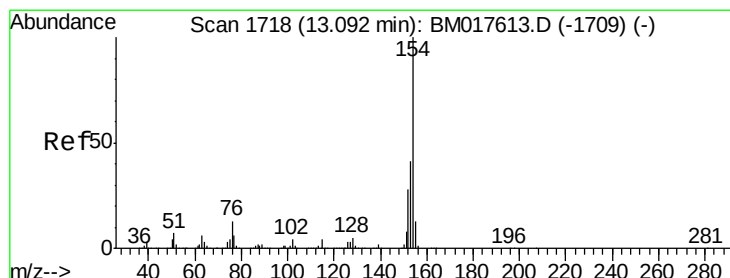
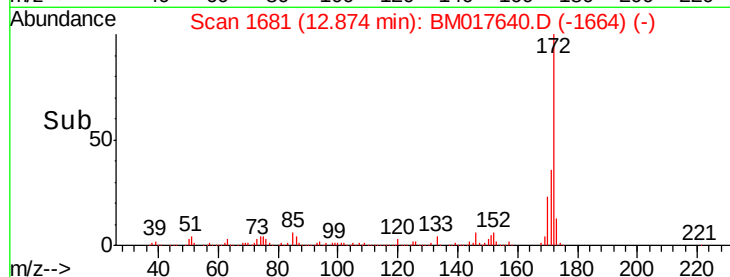
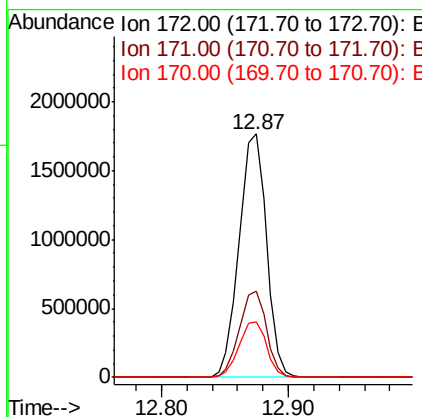
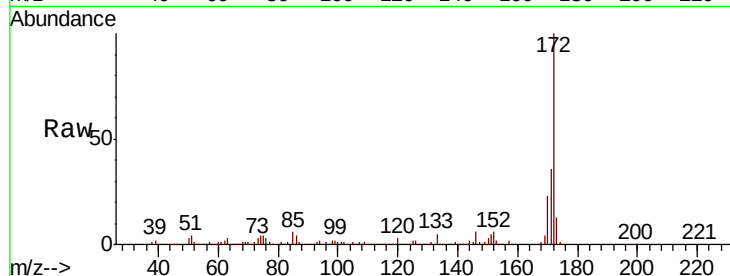




#45
 2-Fluorobiphenyl
 Concen: 65.075 ng
 RT: 12.87 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: BM017640.D
 Acq: 14 Nov 2018 02:51

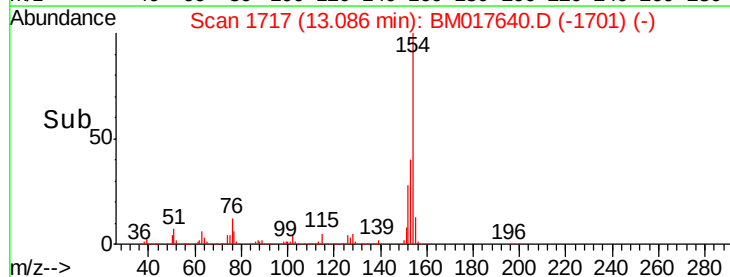
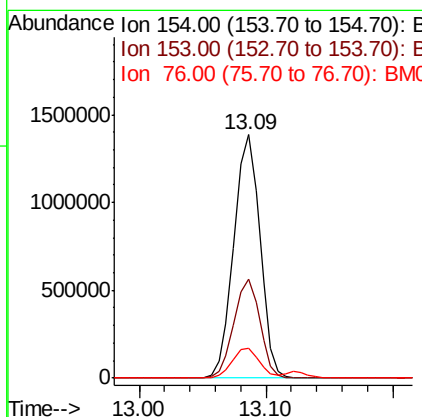
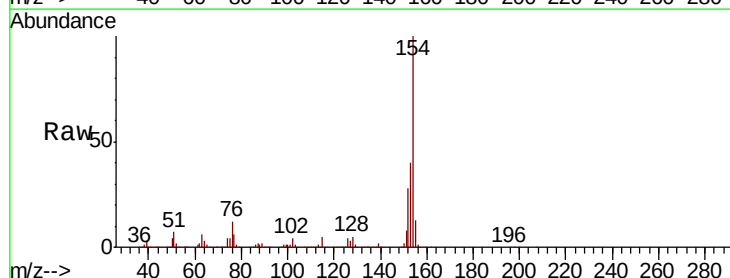
Instrument :
 BNA_M
 ClientSampleId :
 PB114777BS

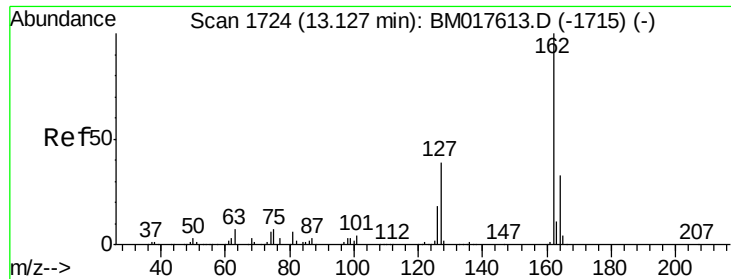
Tgt Ion:172 Resp: 2652897
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.7 43.1
 170 22.9 18.3 27.5



#46
 1,1'-Biphenyl
 Concen: 41.724 ng
 RT: 13.09 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BM017640.D
 Acq: 14 Nov 2018 02:51

Tgt Ion:154 Resp: 1980768
 Ion Ratio Lower Upper
 154 100
 153 40.4 20.8 60.8
 76 12.4 0.0 32.8

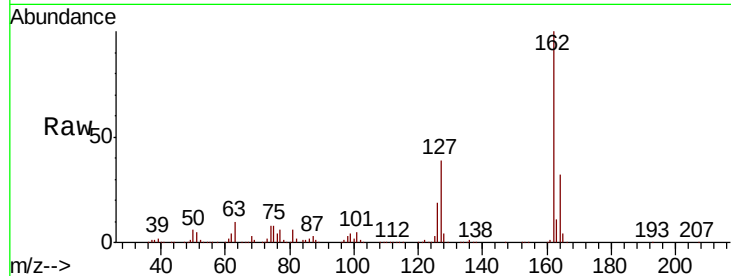




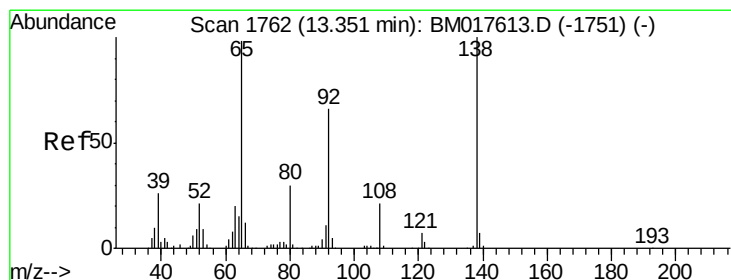
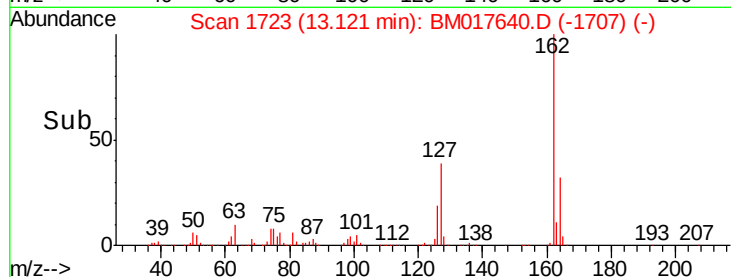
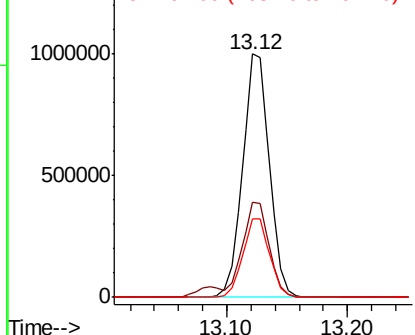
#47
 2-Chloronaphthalene
 Concen: 43.748 ng
 RT: 13.12 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BM017640.D
 Acq: 14 Nov 2018 02:51

Instrument :
 BNA_M
 ClientSampleId :
 PB114777BS

Tgt Ion:162 Resp: 1541521
 Ion Ratio Lower Upper
 162 100
 127 39.3 32.6 48.8
 164 32.4 26.5 39.7

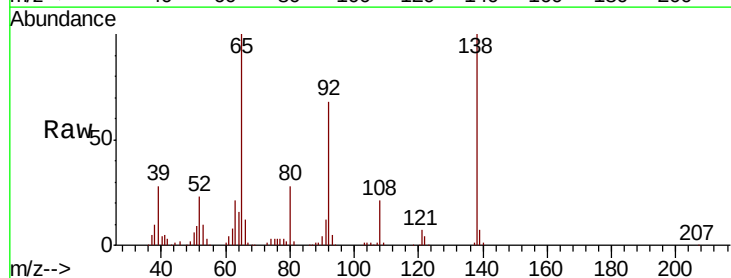


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

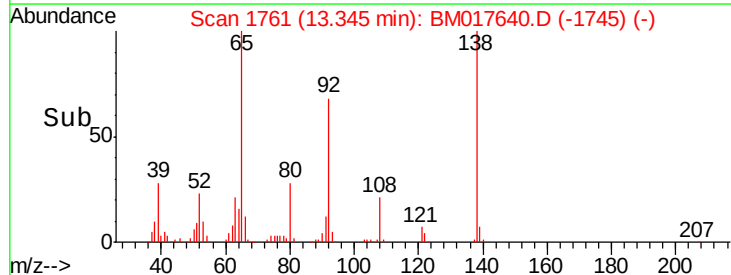
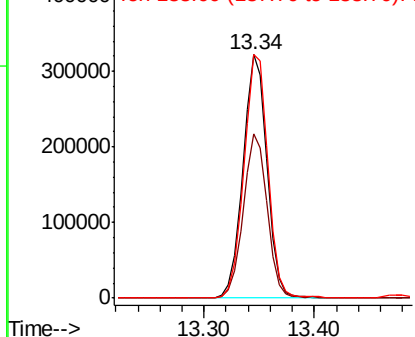


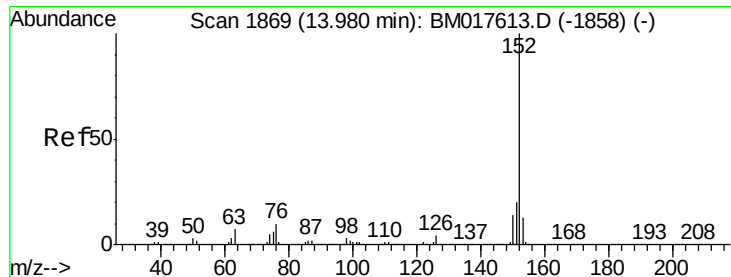
#48
 2-Nitroaniline
 Concen: 45.140 ng
 RT: 13.34 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: BM017640.D
 Acq: 14 Nov 2018 02:51

Tgt Ion: 65 Resp: 491899
 Ion Ratio Lower Upper
 65 100
 92 67.7 53.7 80.5
 138 100.0 81.5 122.3



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





#49

Acenaphthylene

Concen: 47.614 ng

RT: 13.98 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

Instrument :

BNA_M

ClientSampleId :

PB114777BS

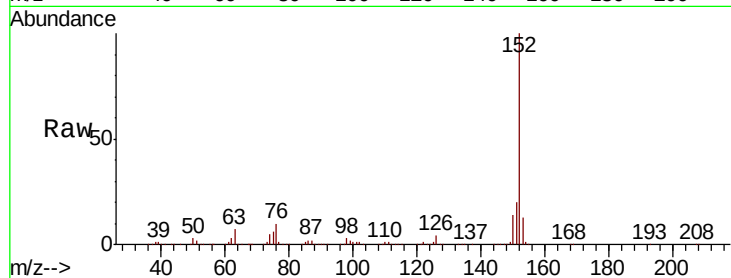
Tgt Ion:152 Resp: 2520728

Ion Ratio Lower Upper

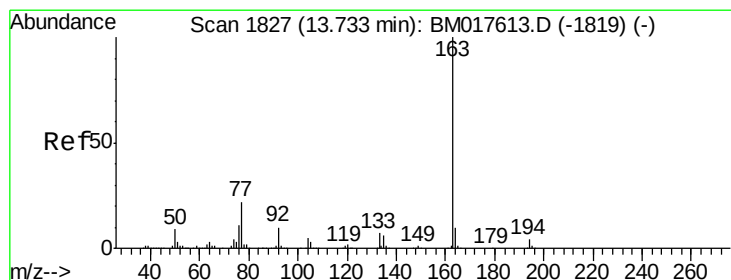
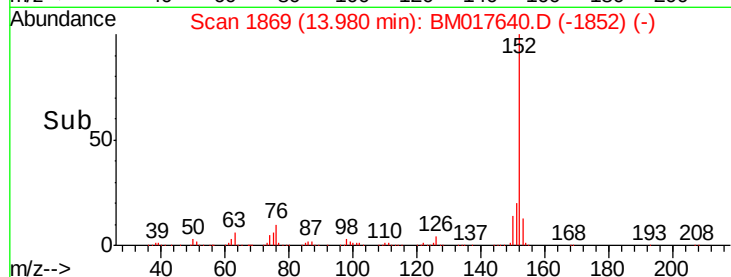
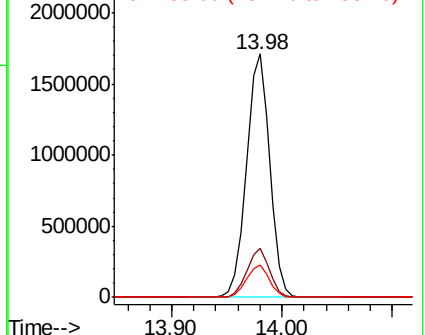
152 100

151 19.9 15.9 23.9

153 13.2 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.036 ng

RT: 13.73 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

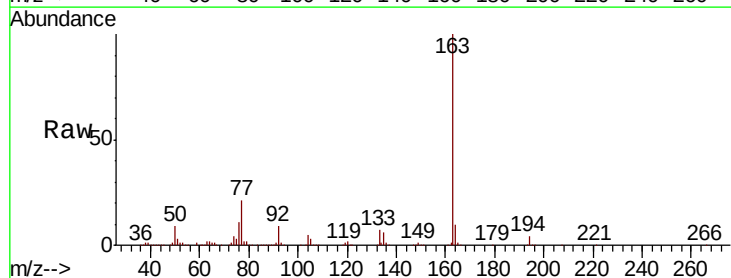
Tgt Ion:163 Resp: 1936543

Ion Ratio Lower Upper

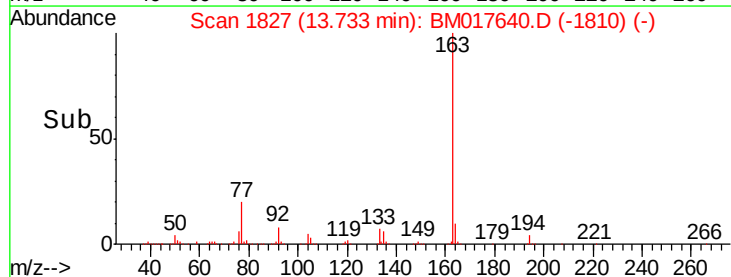
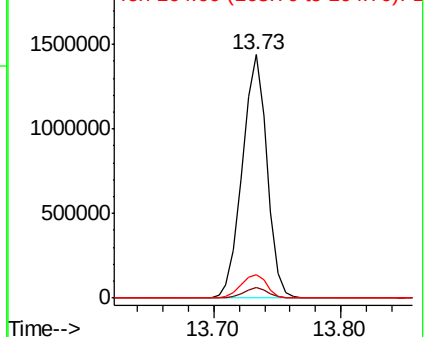
163 100

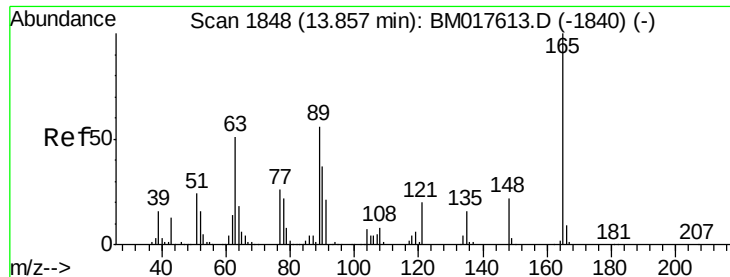
194 4.2 3.1 4.7

164 9.8 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

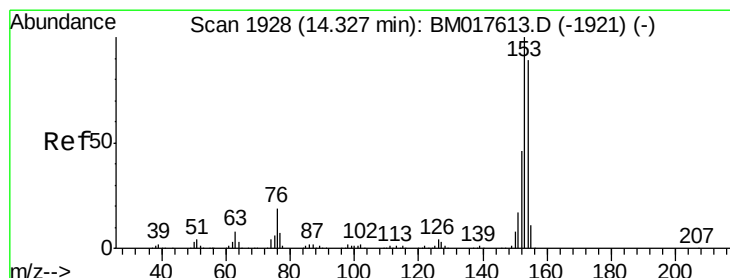
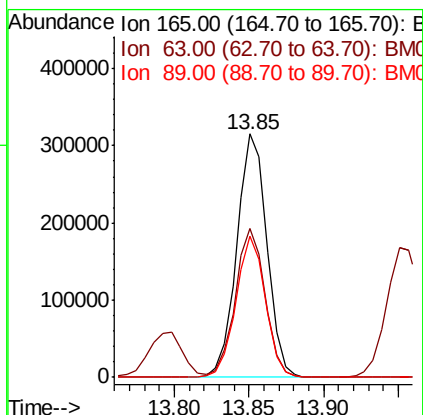
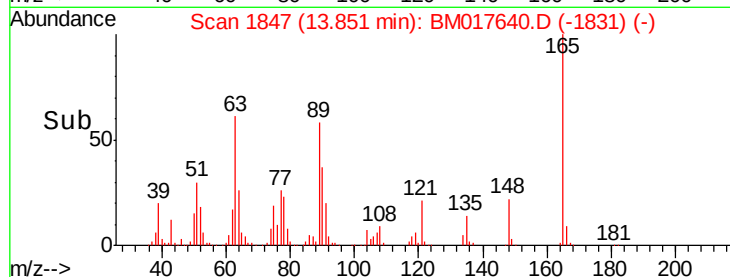
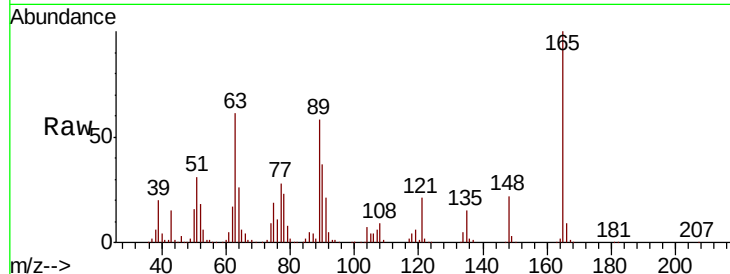




#51
2,6-Dinitrotoluene
Concen: 46.087 ng
RT: 13.85 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

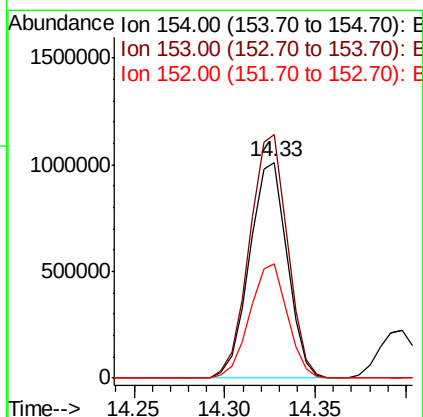
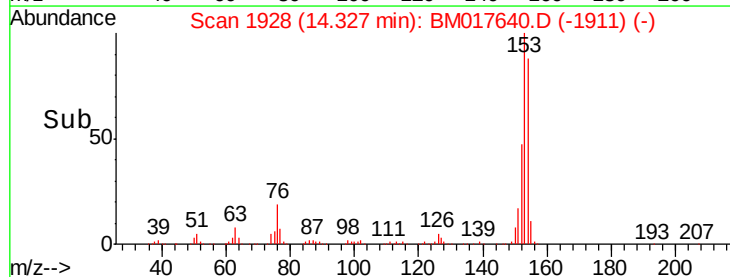
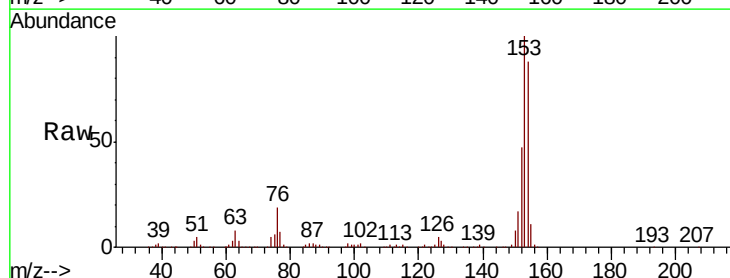
Instrument :
BNA_M
ClientSampleId :
PB114777BS

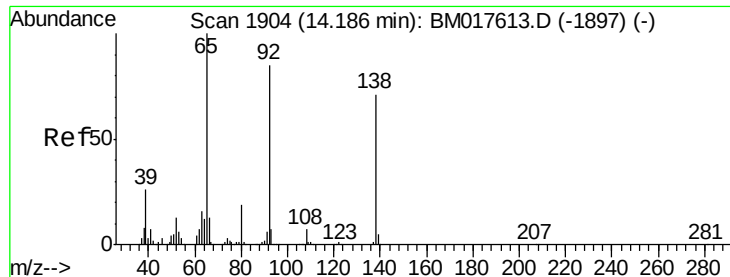
Tgt Ion:165 Resp: 441285
Ion Ratio Lower Upper
165 100
63 61.3 47.3 70.9
89 58.3 44.8 67.2



#52
Acenaphthene
Concen: 45.159 ng
RT: 14.33 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Tgt Ion:154 Resp: 1467216
Ion Ratio Lower Upper
154 100
153 113.0 90.2 135.4
152 52.8 41.6 62.4

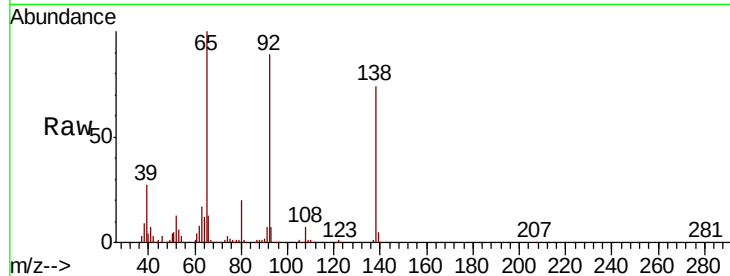




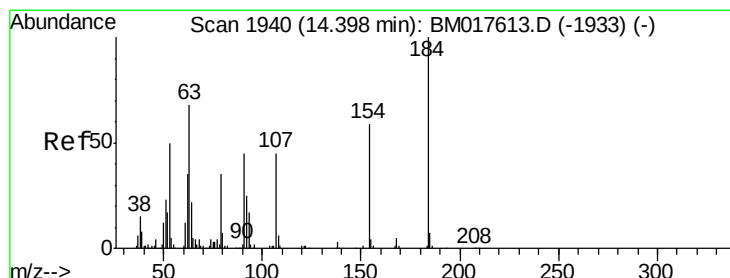
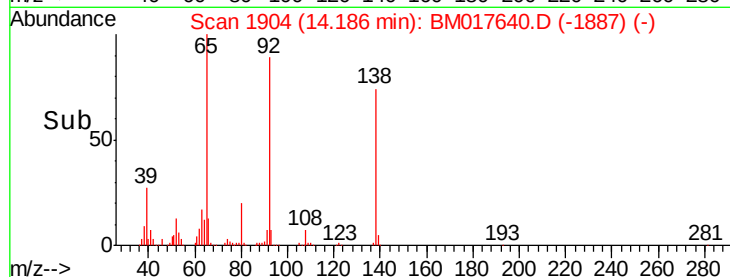
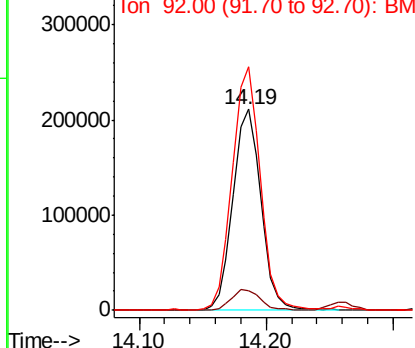
#53
 3-Nitroaniline
 Concen: 31.089 ng
 RT: 14.19 min Scan# 1904
 Delta R.T. -0.00 min
 Lab File: BM017640.D
 Acq: 14 Nov 2018 02:51

Instrument :
 BNA_M
 ClientSampleId :
 PB114777BS

Tgt Ion:138 Resp: 324092
 Ion Ratio Lower Upper
 138 100
 108 10.1 8.2 12.2
 92 121.2 95.4 143.2

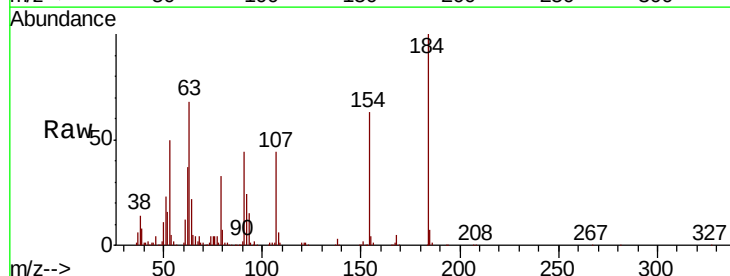


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BM

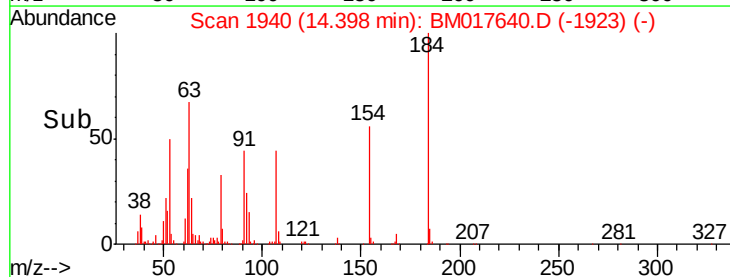
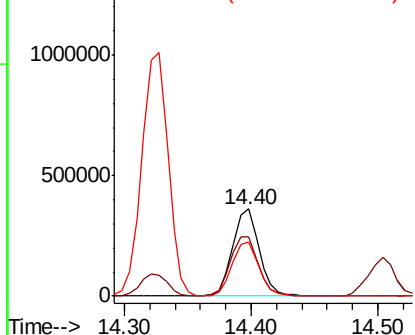


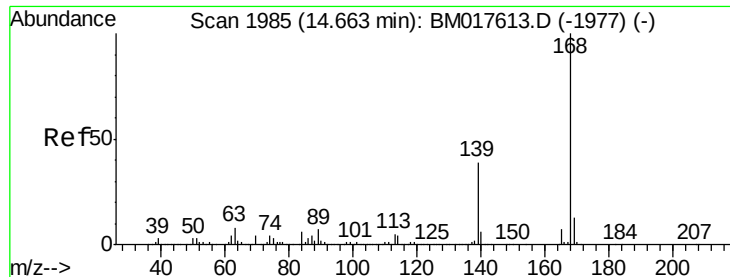
#54
 2,4-Dinitrophenol
 Concen: 89.585 ng
 RT: 14.40 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: BM017640.D
 Acq: 14 Nov 2018 02:51

Tgt Ion:184 Resp: 529164
 Ion Ratio Lower Upper
 184 100
 63 67.6 55.1 82.7
 154 63.0 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

Dibenzenofuran

Concen: 44.856 ng

RT: 14.66 min Scan# 1985

Delta R.T. -0.00 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

Instrument :

BNA_M

ClientSampleId :

PB114777BS

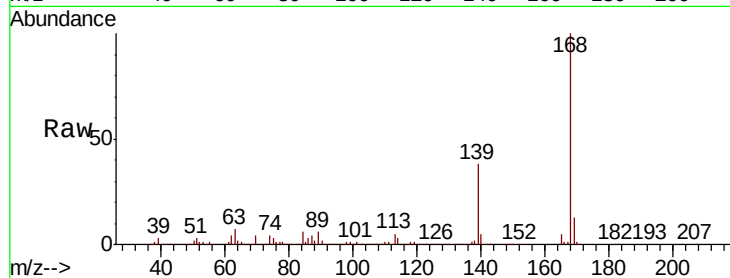
Tgt Ion:168 Resp: 2381630

Ion Ratio Lower Upper

168 100

139 38.4 31.0 46.6

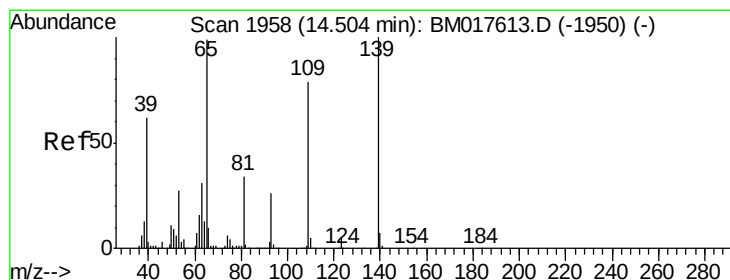
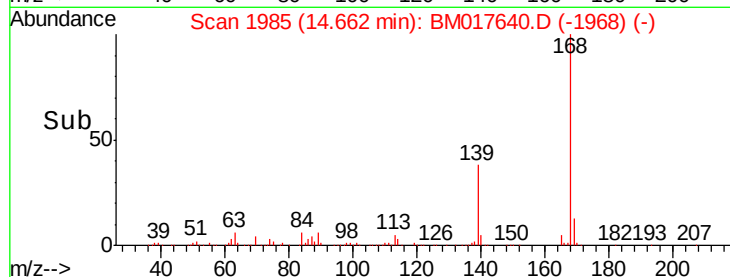
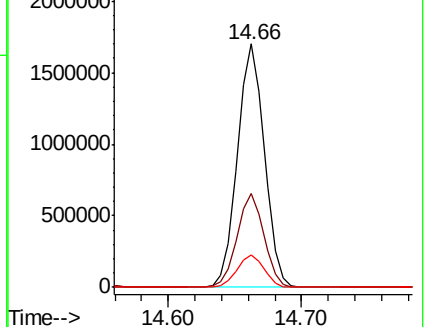
169 13.4 10.6 16.0



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: 83.424 ng

RT: 14.50 min Scan# 1958

Delta R.T. 0.00 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

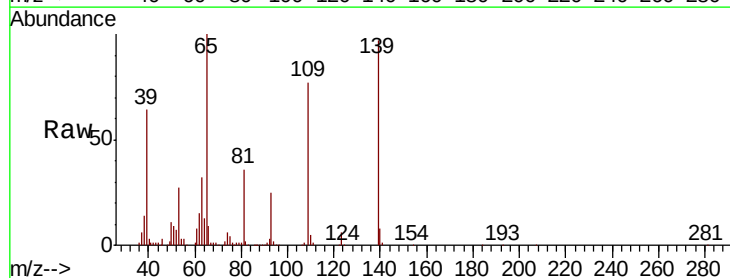
Tgt Ion:139 Resp: 732992

Ion Ratio Lower Upper

139 100

109 79.1 58.6 98.6

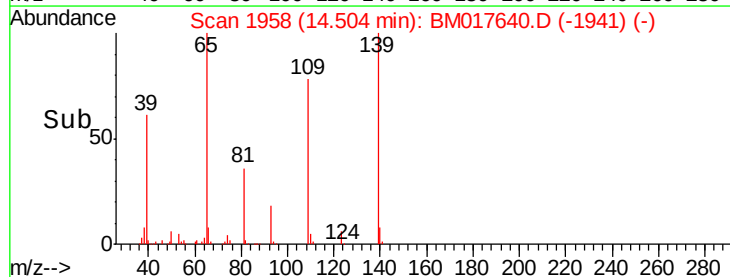
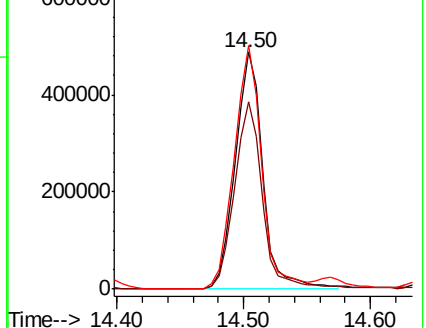
65 102.7 79.5 119.5

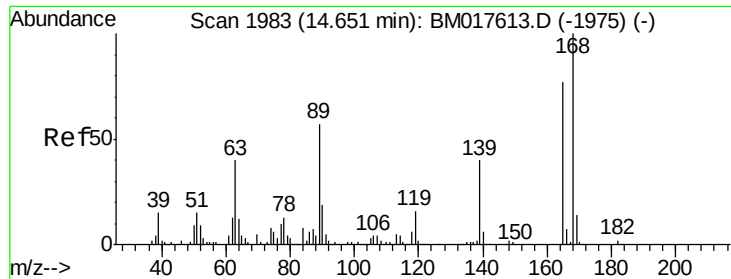


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM

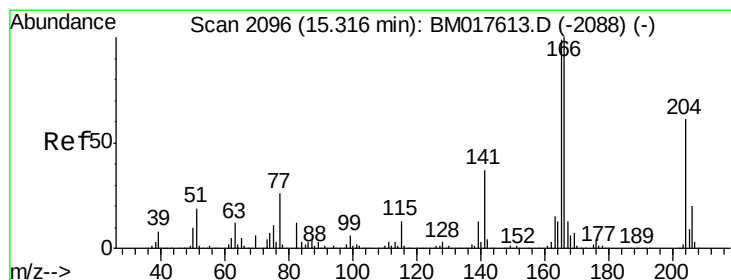
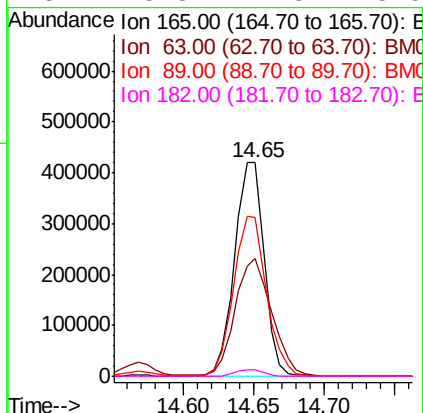
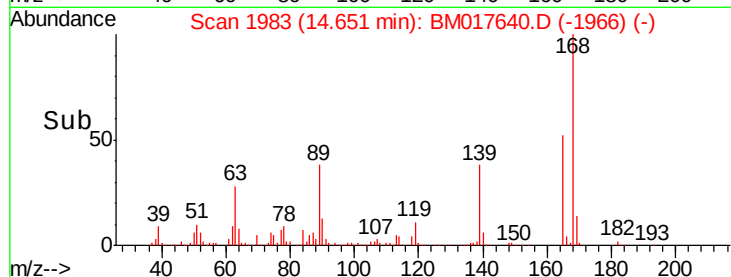
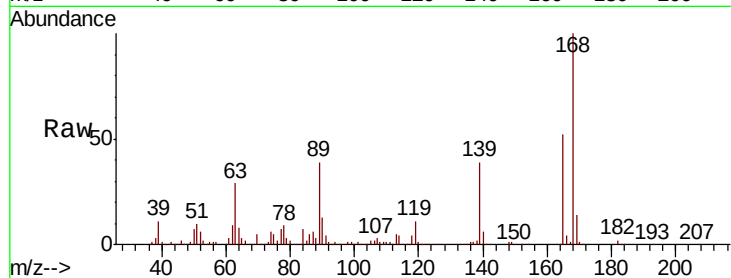




#57
2,4-Dinitrotoluene
Concen: 47.574 ng
RT: 14.65 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

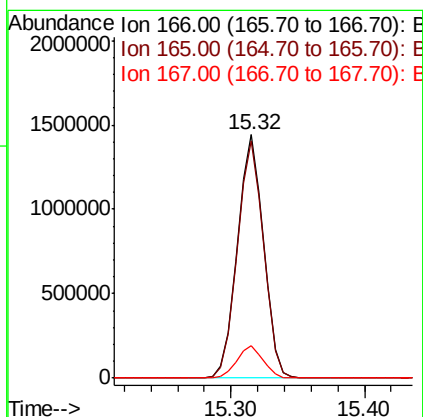
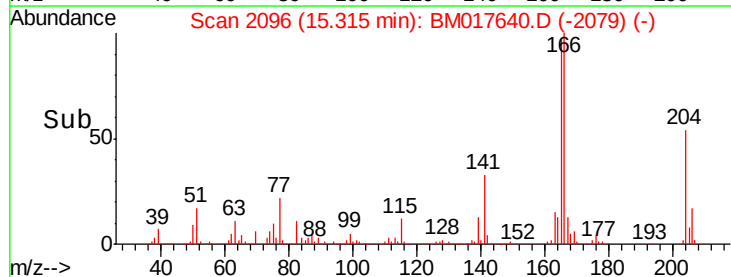
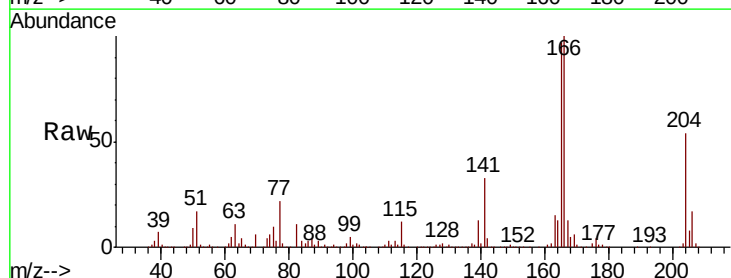
Instrument :
BNA_M
ClientSampleId :
PB114777BS

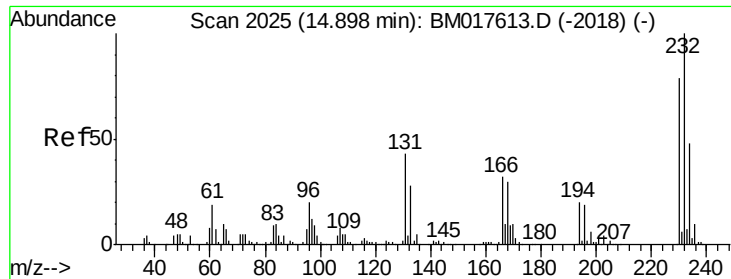
Tgt Ion:165 Resp: 614031
Ion Ratio Lower Upper
165 100
63 55.0 41.8 62.8
89 74.1 59.5 89.3
182 3.3 2.3 3.5



#58
Fluorene
Concen: 48.068 ng
RT: 15.32 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Tgt Ion:166 Resp: 1953832
Ion Ratio Lower Upper
166 100
165 97.3 79.0 118.6
167 13.5 10.8 16.2

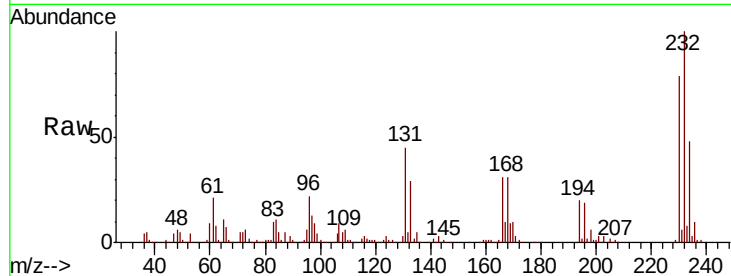




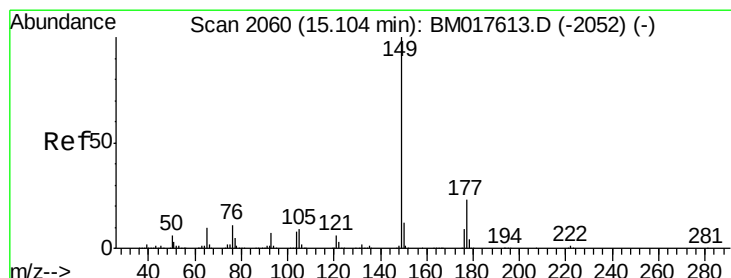
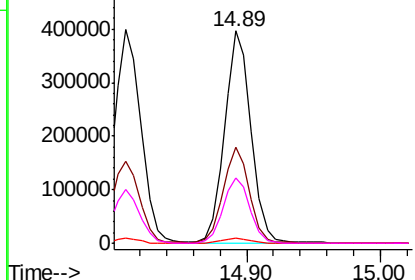
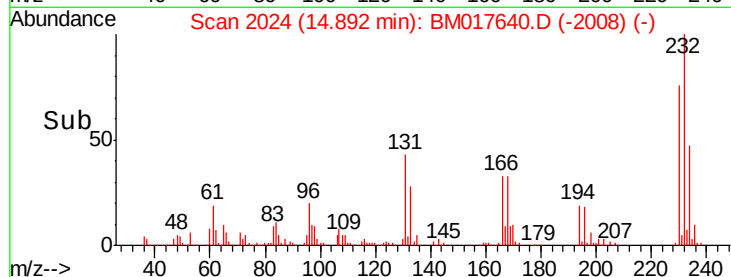
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.062 ng
 RT: 14.89 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BM017640.D
 Acq: 14 Nov 2018 02:51

Instrument :
 BNA_M
 ClientSampleId :
 PB114777BS

Tgt Ion:	232	Resp:	545254
Ion	Ratio	Lower	Upper
232	100		
131	45.2	34.8	52.2
130	2.4	1.9	2.9
166	31.7	25.3	37.9

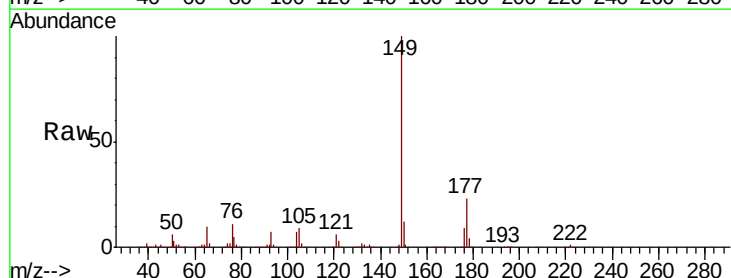


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

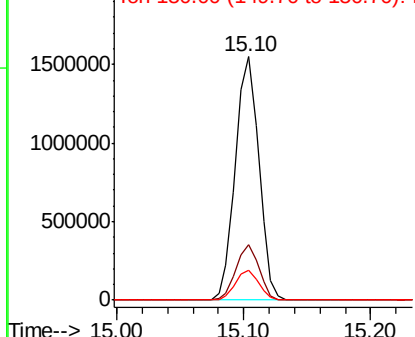
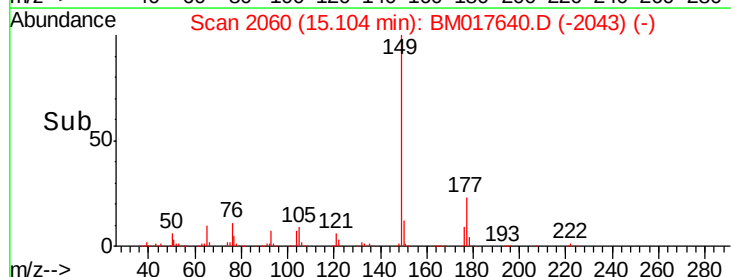


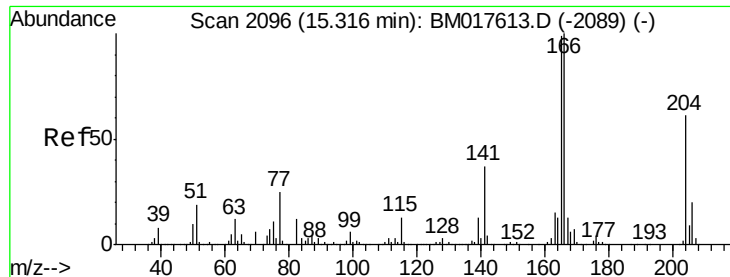
#60
 Diethylphthalate
 Concen: 42.645 ng
 RT: 15.10 min Scan# 2060
 Delta R.T. -0.00 min
 Lab File: BM017640.D
 Acq: 14 Nov 2018 02:51

Tgt Ion:	149	Resp:	1981332
Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.1	27.1
150	12.4	9.9	14.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

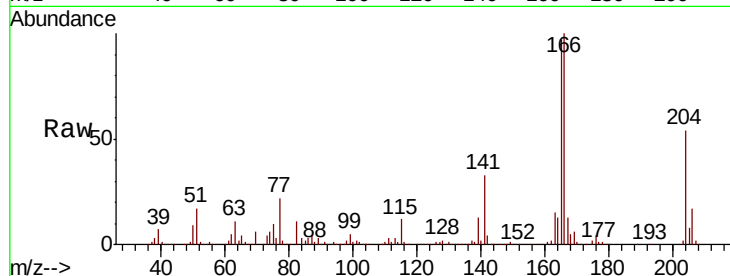




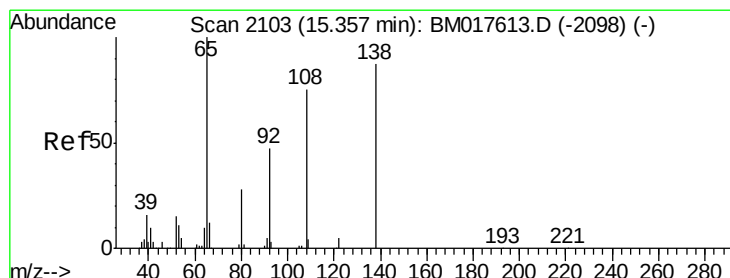
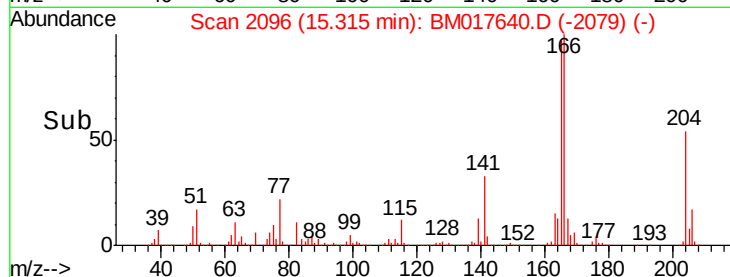
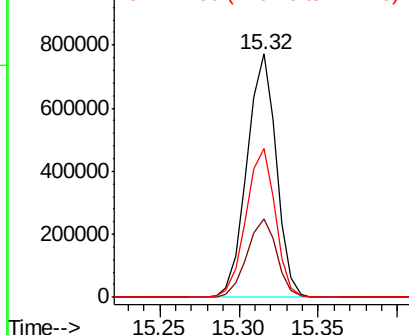
#61
 4-Chlorophenyl-phenylether
 Concen: 43.059 ng
 RT: 15.32 min Scan# 2096
 Delta R.T. -0.00 min
 Lab File: BM017640.D
 Acq: 14 Nov 2018 02:51

Instrument :
 BNA_M
 ClientSampleId :
 PB114777BS

Tgt Ion:204 Resp: 994392
 Ion Ratio Lower Upper
 204 100
 206 32.4 25.9 38.9
 141 60.9 47.9 71.9

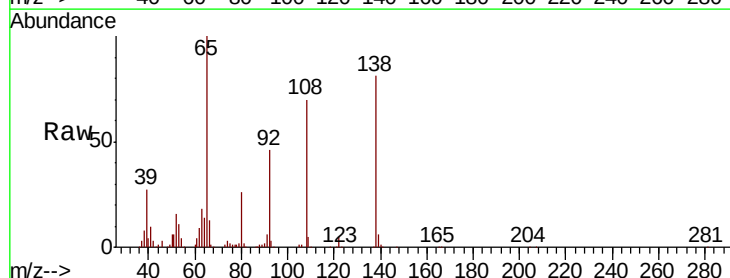


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

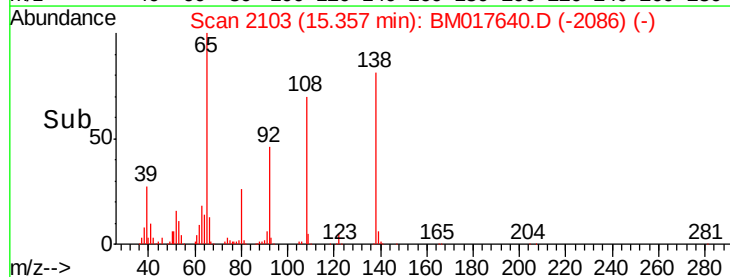
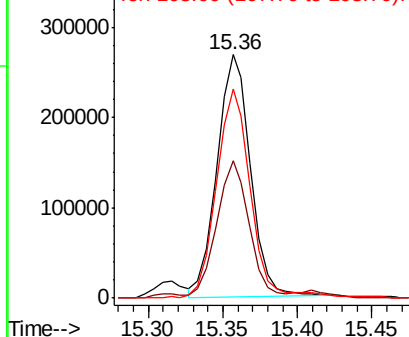


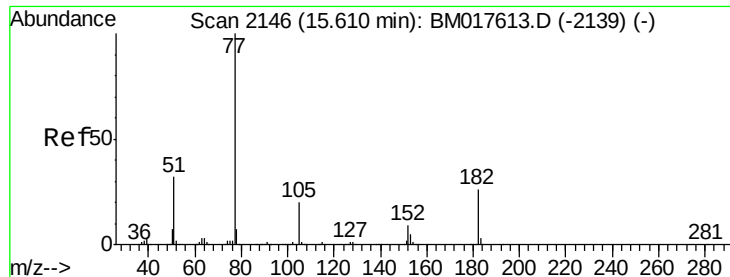
#62
 4-Nitroaniline
 Concen: 42.769 ng
 RT: 15.36 min Scan# 2103
 Delta R.T. -0.00 min
 Lab File: BM017640.D
 Acq: 14 Nov 2018 02:51

Tgt Ion:138 Resp: 420197
 Ion Ratio Lower Upper
 138 100
 92 56.2 33.4 73.4
 108 86.0 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: 44.900 ng

RT: 15.61 min Scan# 2146

Delta R.T. -0.00 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

Instrument :

BNA_M

ClientSampleId :

PB114777BS

Tgt Ion: 77 Resp: 1928448

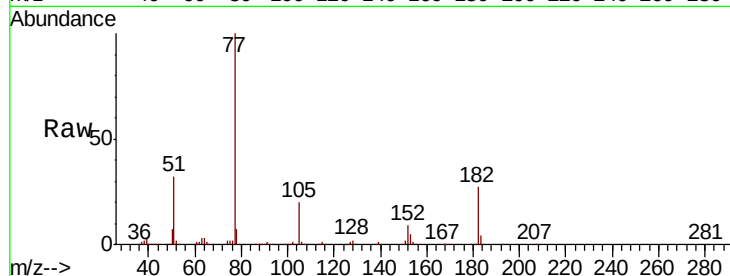
Ion Ratio Lower Upper

77 100

182 26.7 5.8 45.8

105 20.3 0.0 40.0

51 31.8 12.5 52.5



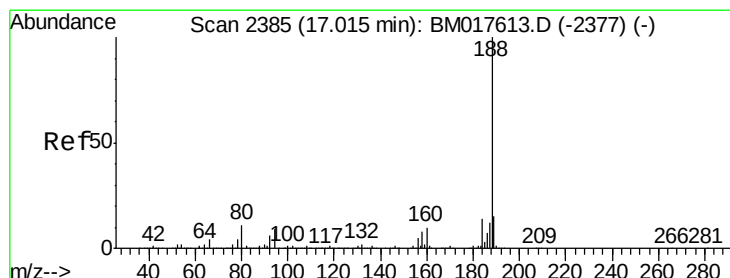
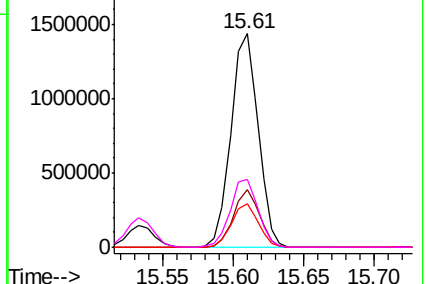
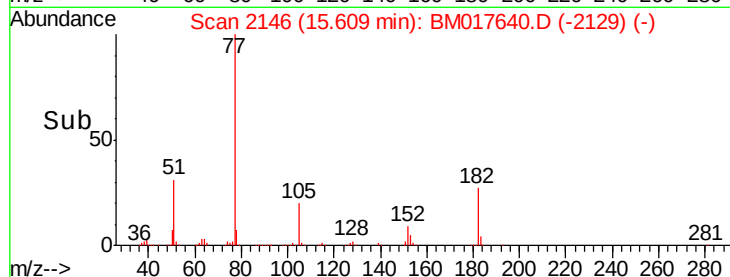
Abundance

Ion 77.00 (76.70 to 77.70): BM017640.D (-2139) (-)

Ion 182.00 (181.70 to 182.70): BM017640.D (-2139) (-)

Ion 105.00 (104.70 to 105.70): BM017640.D (-2139) (-)

Ion 51.00 (50.70 to 51.70): BM017640.D (-2139) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.02 min Scan# 2385

Delta R.T. -0.00 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

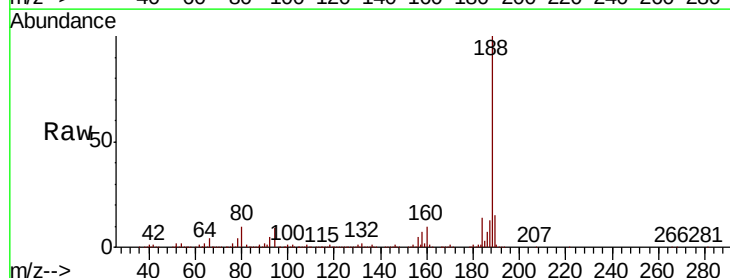
Tgt Ion: 188 Resp: 1211372

Ion Ratio Lower Upper

188 100

94 9.0 7.5 11.3

80 10.2 8.6 13.0

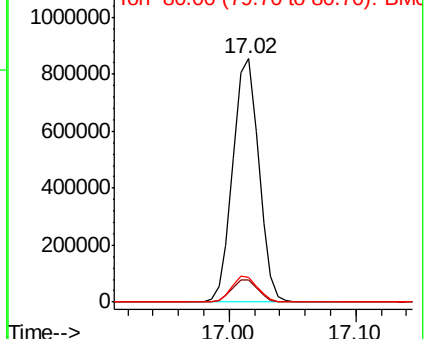
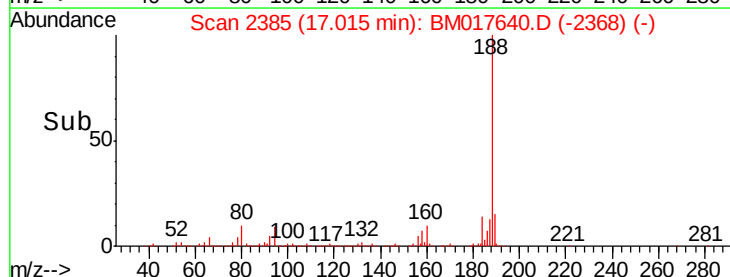


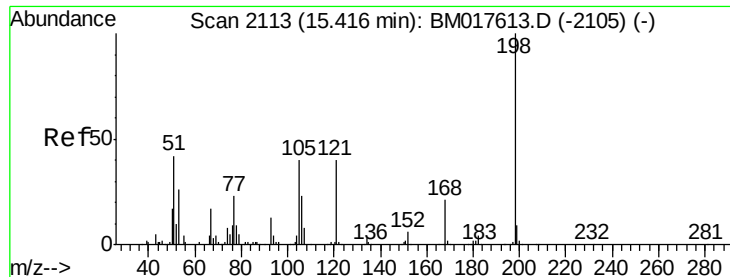
Abundance

Ion 188.00 (187.70 to 188.70): BM017640.D (-2368) (-)

Ion 94.00 (93.70 to 94.70): BM017640.D (-2368) (-)

Ion 80.00 (79.70 to 80.70): BM017640.D (-2368) (-)

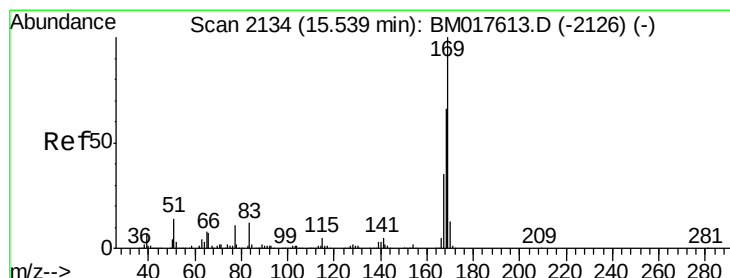
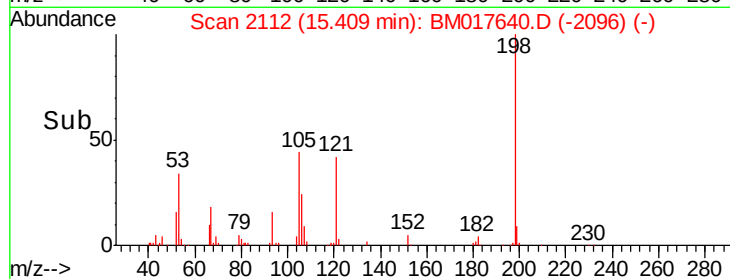
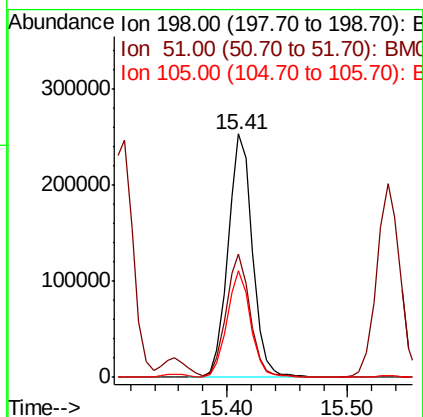
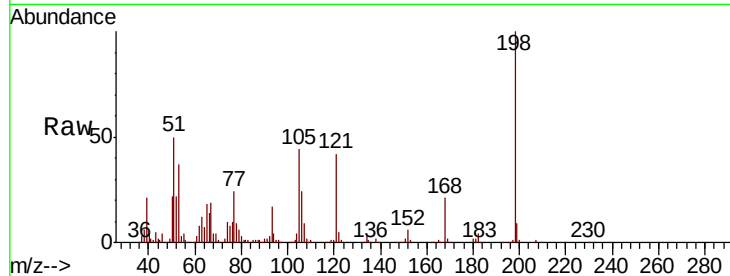




#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.404 ng
 RT: 15.41 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: BM017640.D
 Acq: 14 Nov 2018 02:51

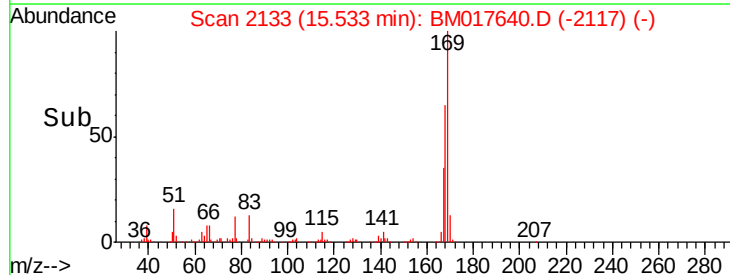
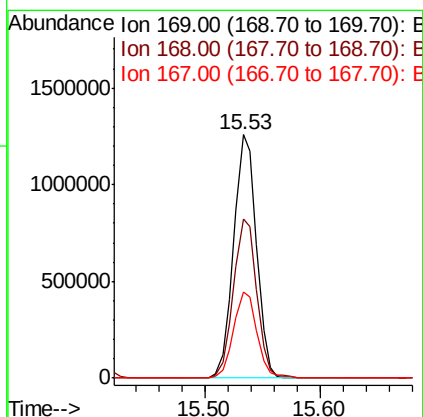
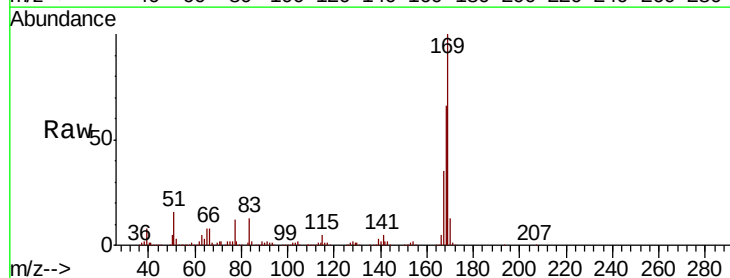
Instrument :
 BNA_M
 ClientSampleId :
 PB114777BS

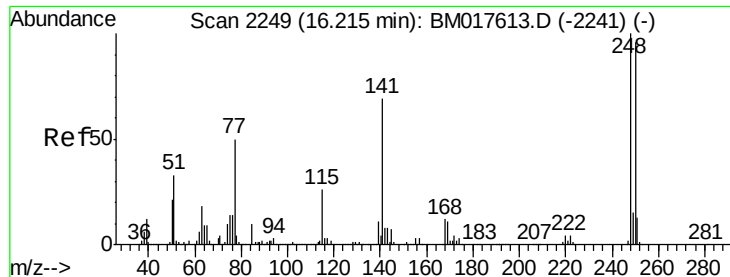
Tgt Ion:198 Resp: 355843
 Ion Ratio Lower Upper
 198 100
 51 50.4 25.9 65.9
 105 43.8 20.6 60.6



#66
 n-Nitrosodiphenylamine
 Concen: 44.132 ng
 RT: 15.53 min Scan# 2133
 Delta R.T. -0.01 min
 Lab File: BM017640.D
 Acq: 14 Nov 2018 02:51

Tgt Ion:169 Resp: 1718794
 Ion Ratio Lower Upper
 169 100
 168 65.6 53.0 79.6
 167 35.2 28.0 42.0

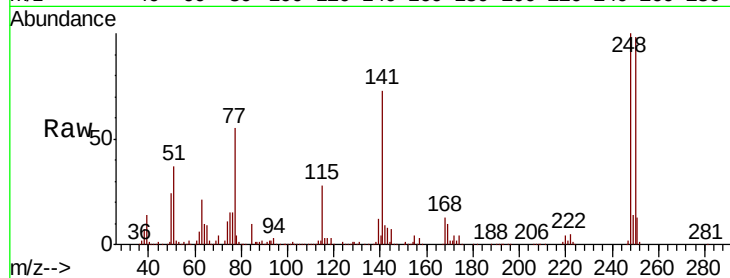




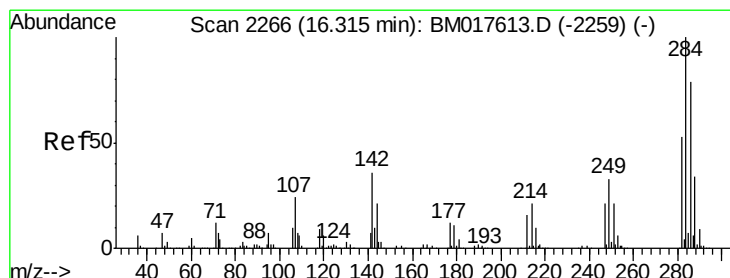
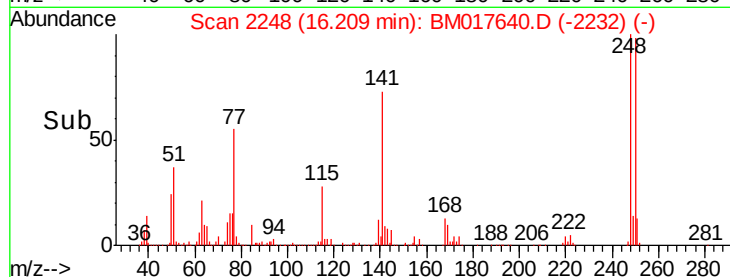
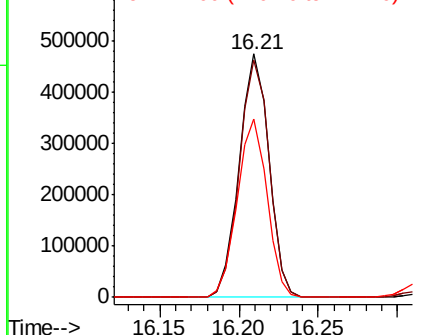
#67
 4-Bromophenyl-phenylether
 Concen: 43.114 ng
 RT: 16.21 min Scan# 2248
 Delta R.T. -0.01 min
 Lab File: BM017640.D
 Acq: 14 Nov 2018 02:51

Instrument :
 BNA_M
 ClientSampleId :
 PB114777BS

Tgt Ion:248 Resp: 617686
 Ion Ratio Lower Upper
 248 100
 250 97.6 76.5 114.7
 141 73.1 54.9 82.3

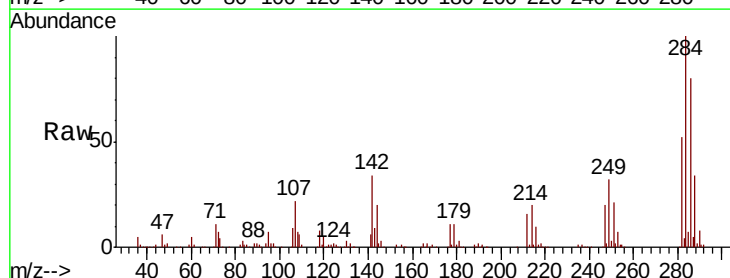


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

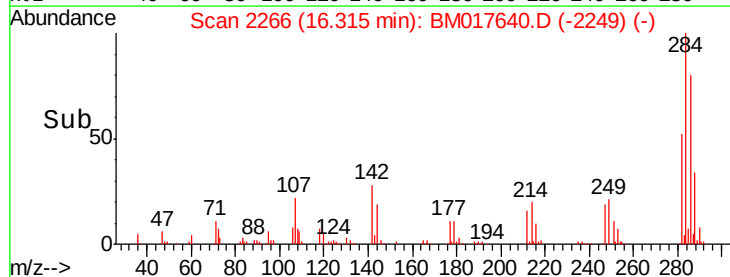
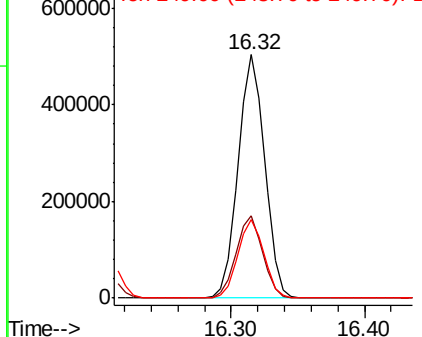


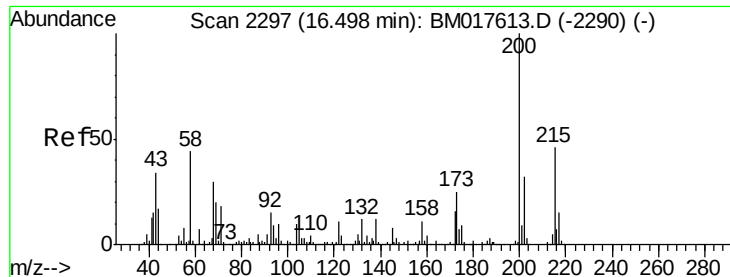
#68
 Hexachlorobenzene
 Concen: 43.013 ng
 RT: 16.32 min Scan# 2266
 Delta R.T. -0.00 min
 Lab File: BM017640.D
 Acq: 14 Nov 2018 02:51

Tgt Ion:284 Resp: 694705
 Ion Ratio Lower Upper
 284 100
 142 33.7 28.4 42.6
 249 32.2 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: 43.552 ng

RT: 16.50 min Scan# 2297

Delta R.T. -0.00 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

Instrument :

BNA_M

ClientSampleId :

PB114777BS

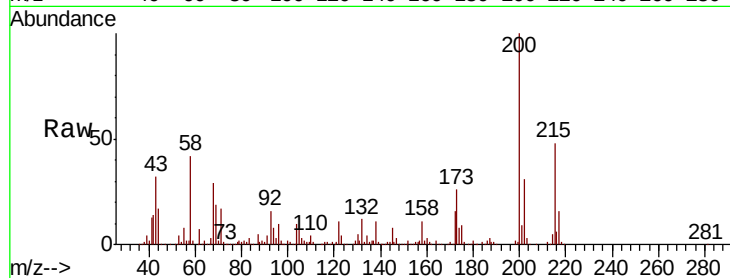
Tgt Ion:200 Resp: 623869

Ion Ratio Lower Upper

200 100

173 25.5 5.1 45.1

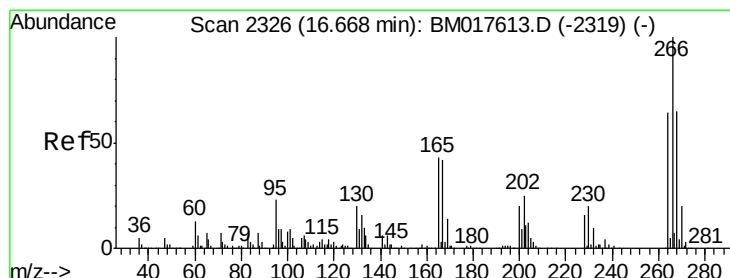
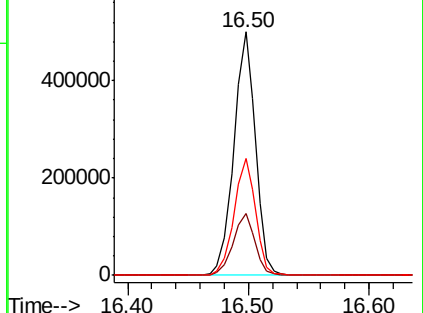
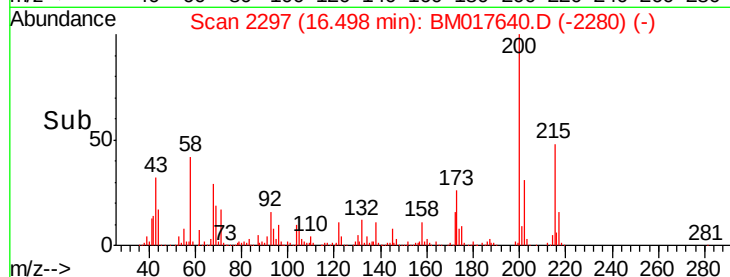
215 47.9 25.8 65.8



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: 77.990 ng

RT: 16.67 min Scan# 2326

Delta R.T. -0.00 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

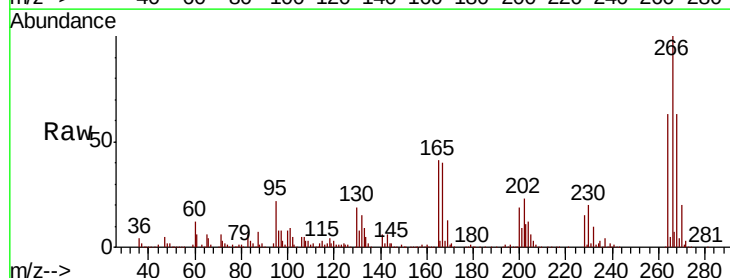
Tgt Ion:266 Resp: 882576

Ion Ratio Lower Upper

266 100

268 62.9 51.7 77.5

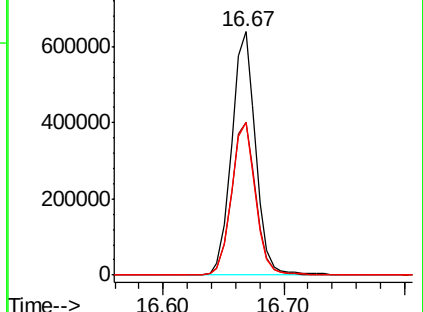
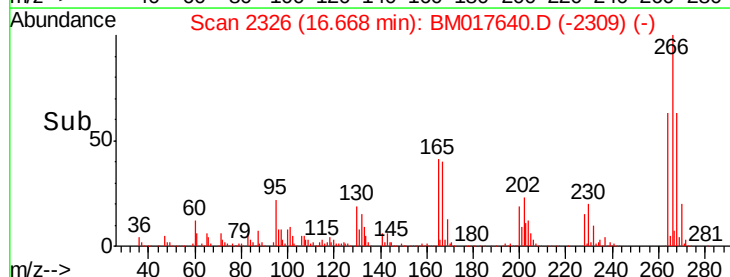
264 62.9 51.3 76.9

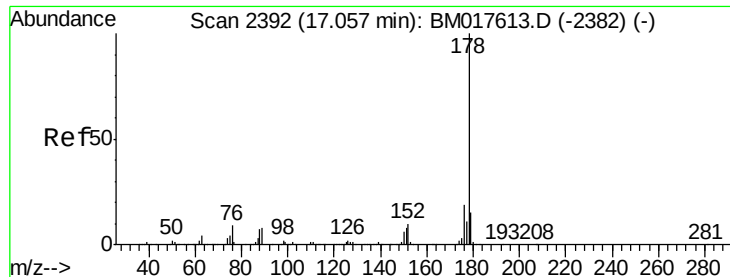


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

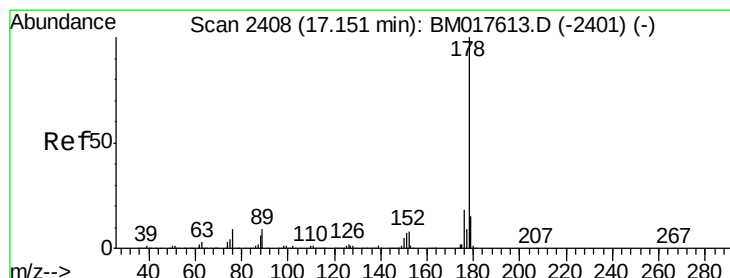
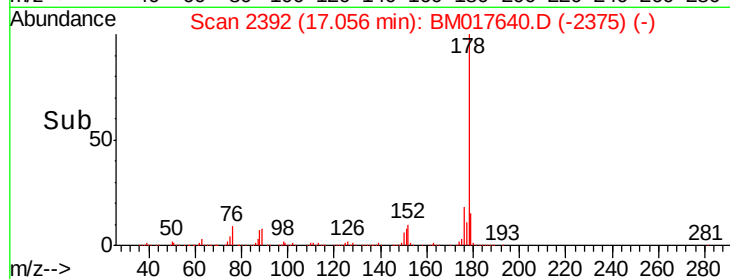
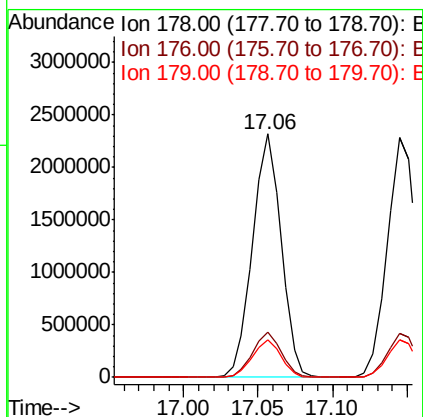
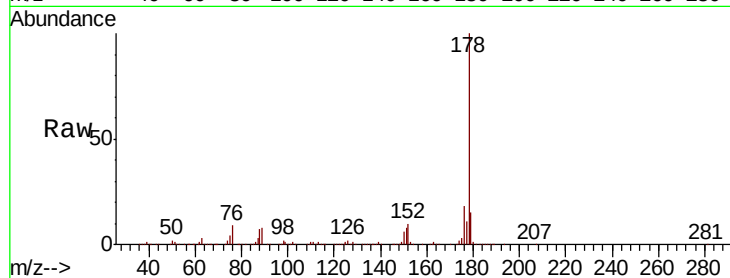




#71
Phenanthrene
Concen: 46.759 ng
RT: 17.06 min Scan# 2392
Delta R.T. -0.00 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

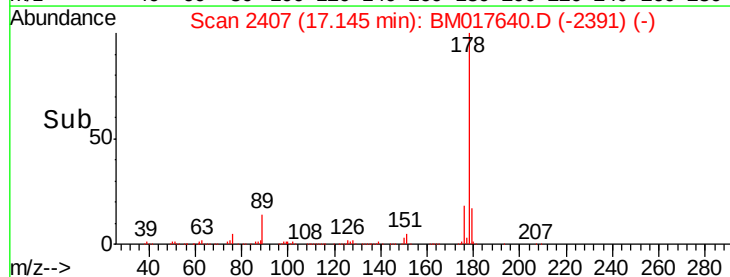
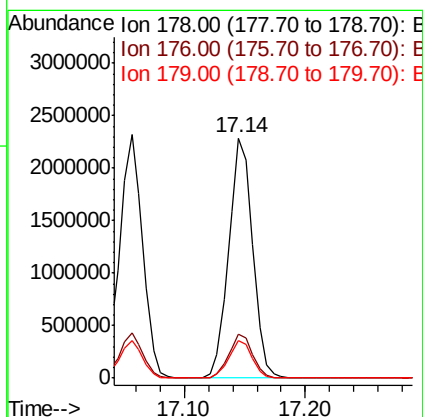
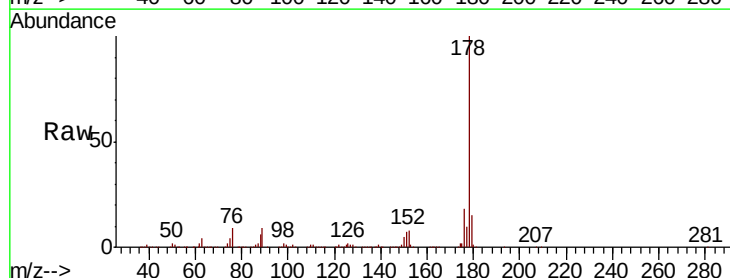
Instrument :
BNA_M
ClientSampleId :
PB114777BS

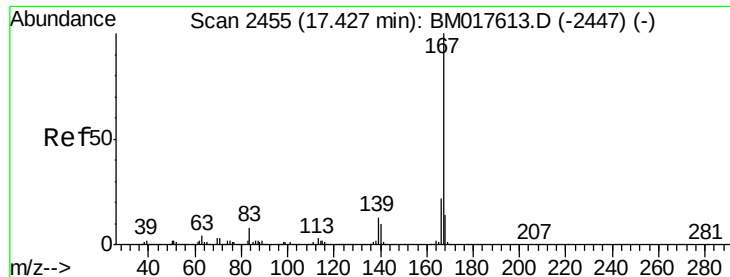
Tgt Ion:178 Resp: 3073546
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.4
179 15.4 12.4 18.6



#72
Anthracene
Concen: 49.130 ng
RT: 17.14 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Tgt Ion:178 Resp: 3142508
Ion Ratio Lower Upper
178 100
176 18.2 14.5 21.7
179 15.5 12.3 18.5

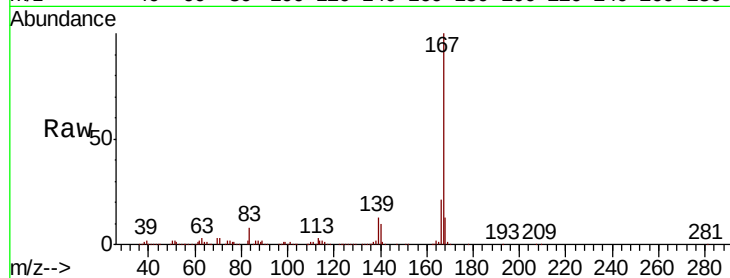




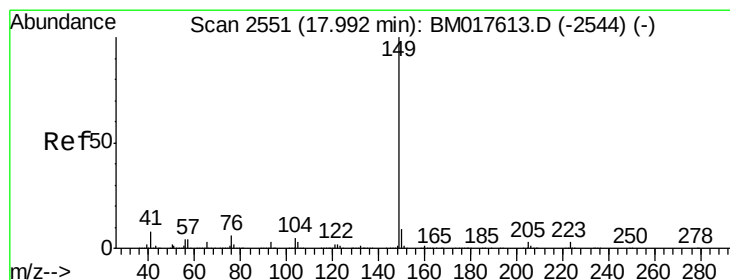
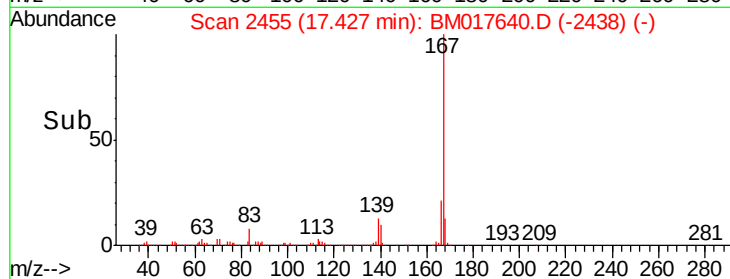
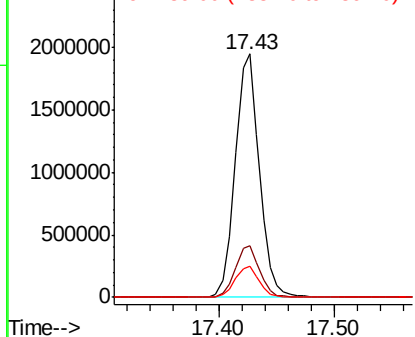
#73
 Carbazole
 Concen: 43.520 ng
 RT: 17.43 min Scan# 2455
 Delta R.T. -0.00 min
 Lab File: BM017640.D
 Acq: 14 Nov 2018 02:51

Instrument :
 BNA_M
 ClientSampleId :
 PB114777BS

Tgt Ion:167 Resp: 2812868
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.2 25.8
 139 12.6 10.2 15.4

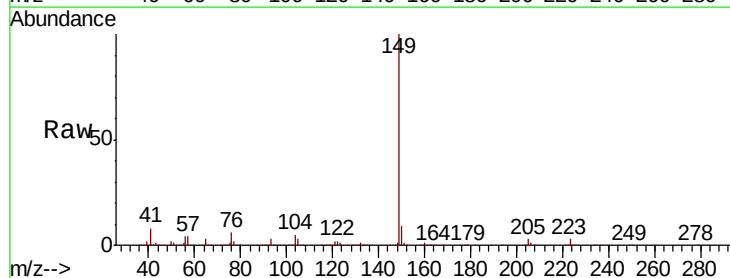


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

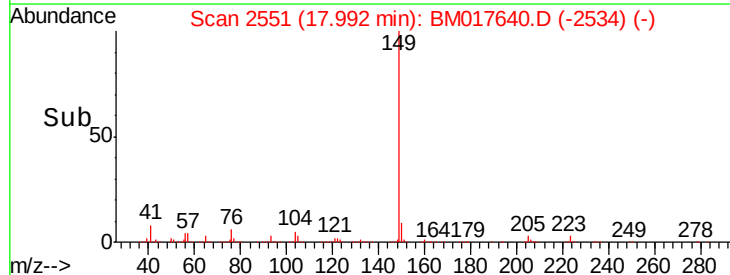
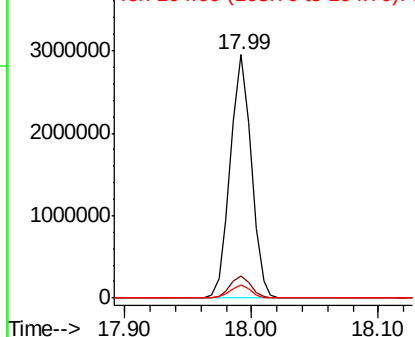


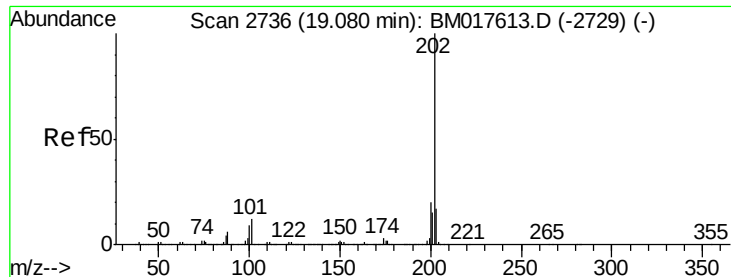
#74
 Di-n-butylphthalate
 Concen: 46.848 ng
 RT: 17.99 min Scan# 2551
 Delta R.T. -0.00 min
 Lab File: BM017640.D
 Acq: 14 Nov 2018 02:51

Tgt Ion:149 Resp: 3370670
 Ion Ratio Lower Upper
 149 100
 150 9.0 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: 47.419 ng

RT: 19.08 min Scan# 2736

Delta R.T. -0.00 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

Instrument :

BNA_M

ClientSampleId :

PB114777BS

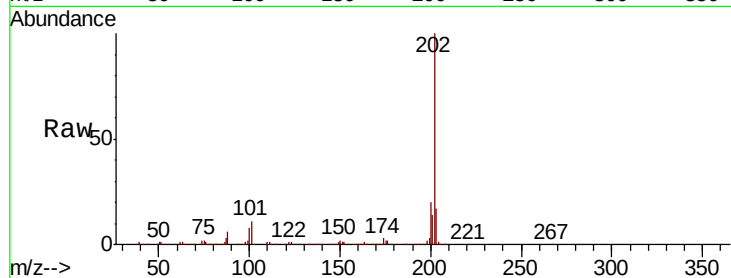
Tgt Ion:202 Resp: 3526672

Ion Ratio Lower Upper

202 100

101 10.9 0.0 31.5

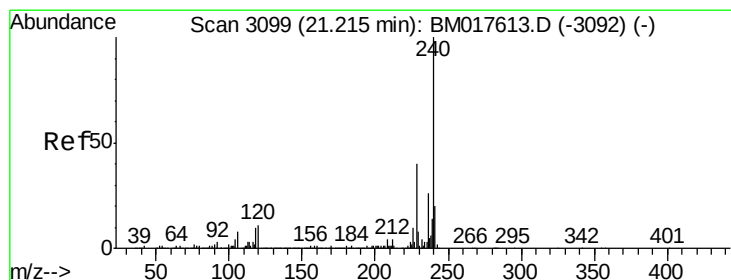
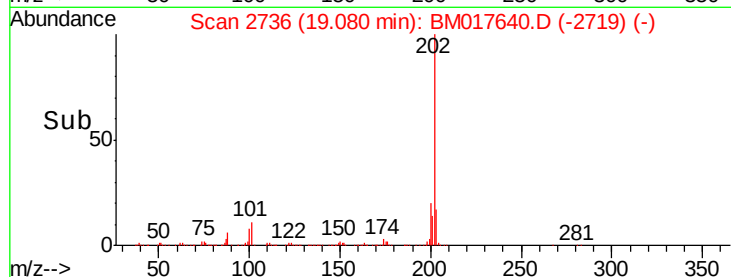
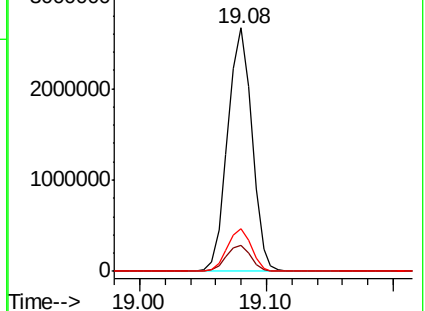
203 17.3 0.0 37.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.22 min Scan# 3099

Delta R.T. -0.00 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

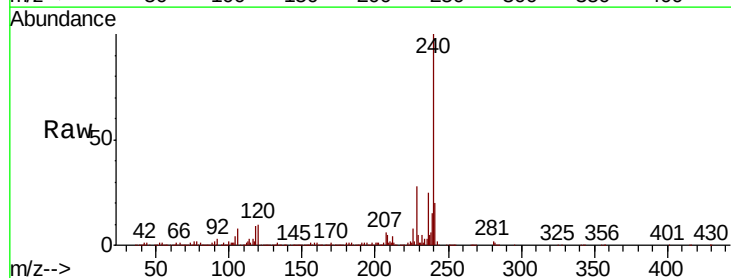
Tgt Ion:240 Resp: 1222156

Ion Ratio Lower Upper

240 100

120 10.1 8.5 12.7

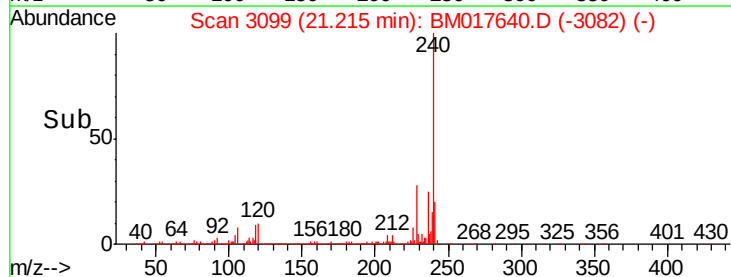
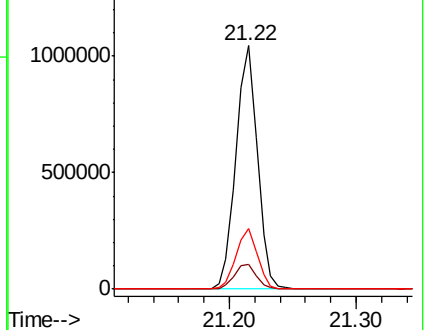
236 24.9 20.4 30.6

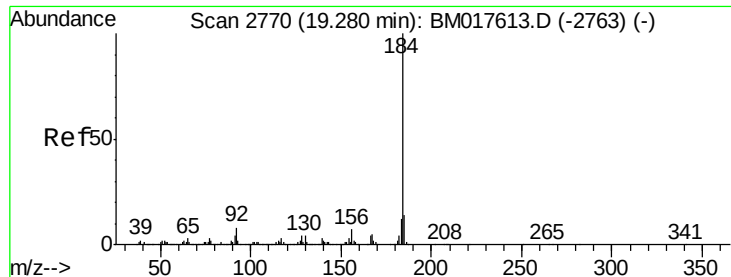


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

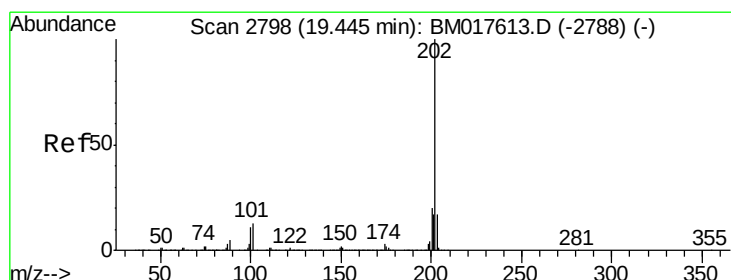
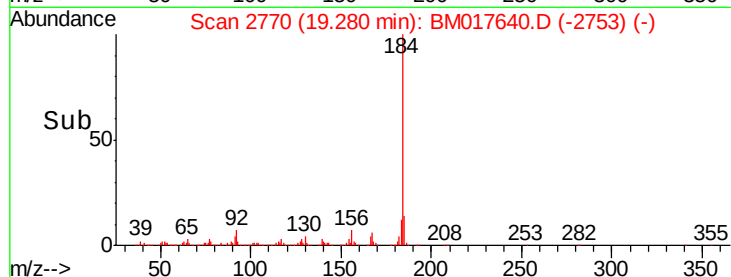
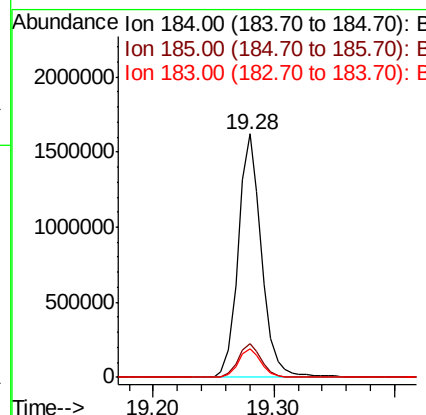
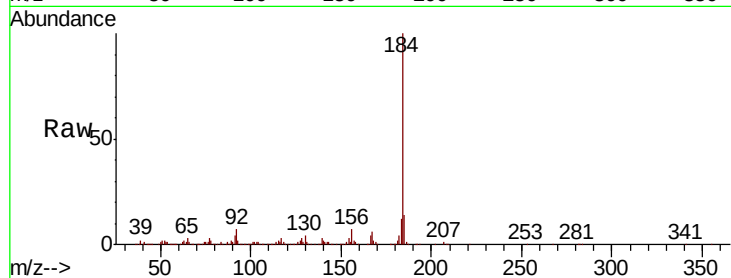




#77
Benzidine
Concen: 54.601 ng
RT: 19.28 min Scan# 2770
Delta R.T. -0.00 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

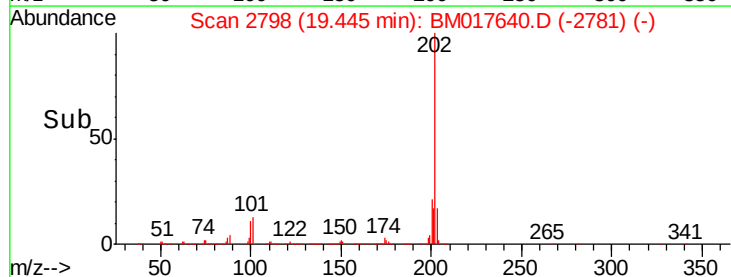
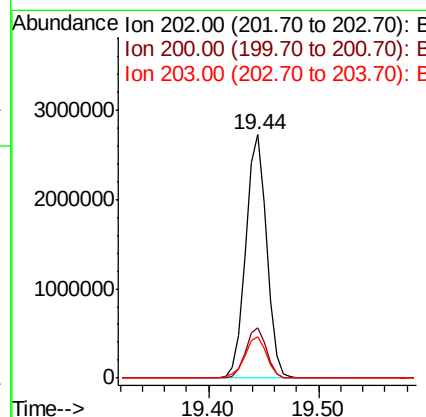
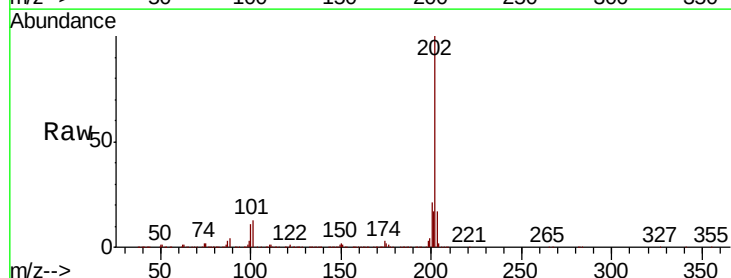
Instrument :
BNA_M
ClientSampleId :
PB114777BS

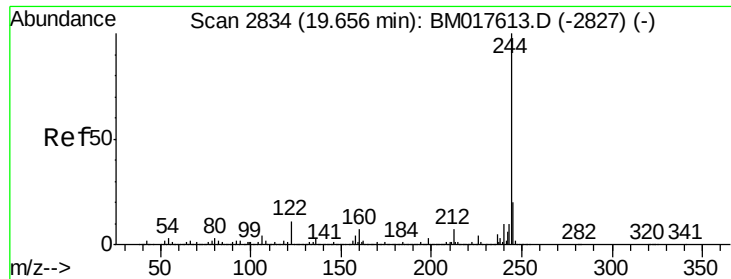
Tgt Ion:184 Resp: 2173030
Ion Ratio Lower Upper
184 100
185 13.9 11.2 16.8
183 11.7 9.5 14.3



#78
Pyrene
Concen: 48.239 ng
RT: 19.44 min Scan# 2798
Delta R.T. -0.00 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Tgt Ion:202 Resp: 3637638
Ion Ratio Lower Upper
202 100
200 20.5 16.4 24.6
203 17.2 13.8 20.8





#79

Terphenyl-d14

Concen: 75.583 ng

RT: 19.66 min Scan# 2834

Delta R.T. -0.00 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

Instrument :

BNA_M

ClientSampleId :

PB114777BS

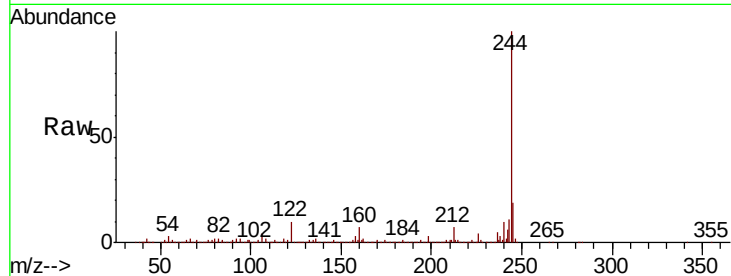
Tgt Ion:244 Resp: 4075757

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

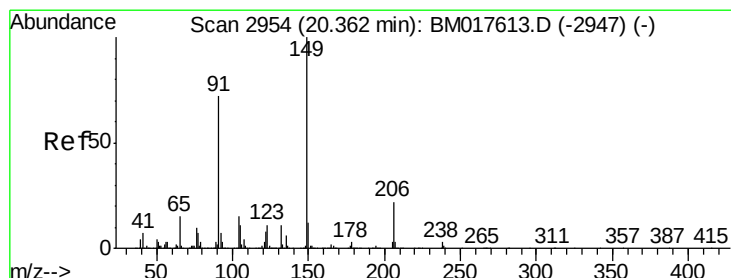
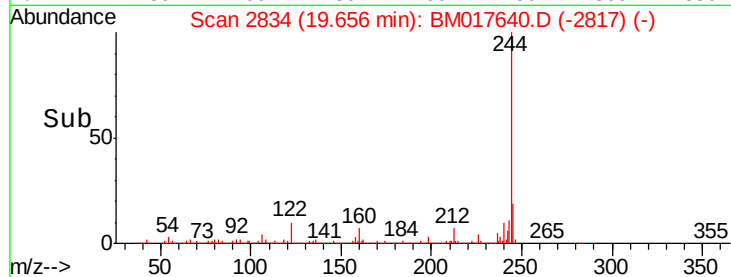
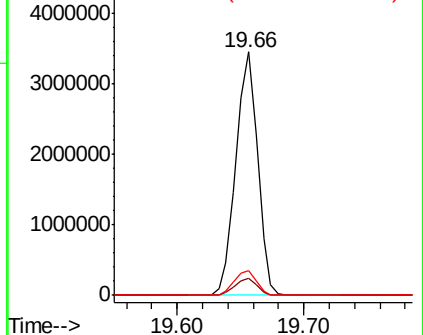
122 10.4 9.0 13.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.992 ng

RT: 20.36 min Scan# 2954

Delta R.T. -0.00 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

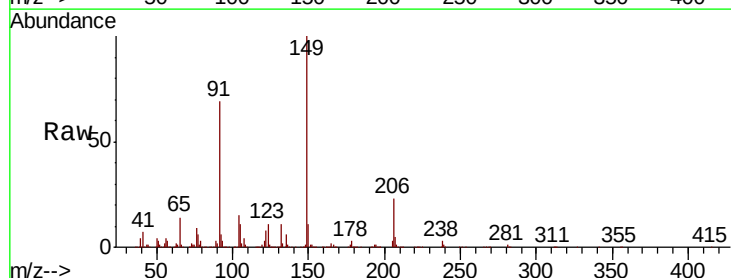
Tgt Ion:149 Resp: 1500528

Ion Ratio Lower Upper

149 100

91 69.0 57.6 86.4

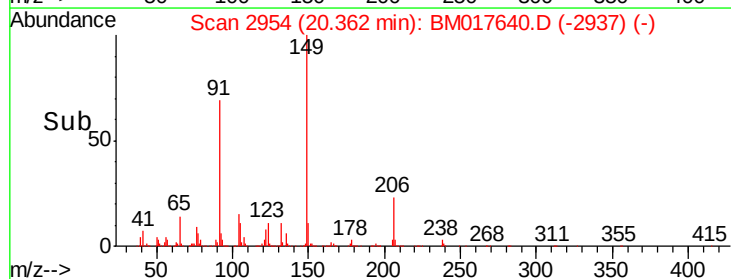
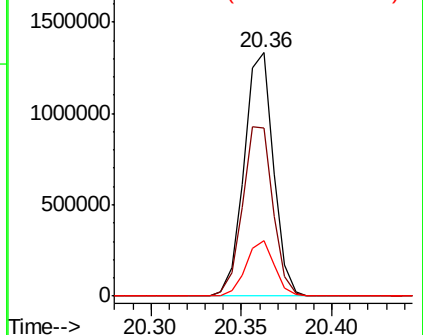
206 22.7 17.4 26.0

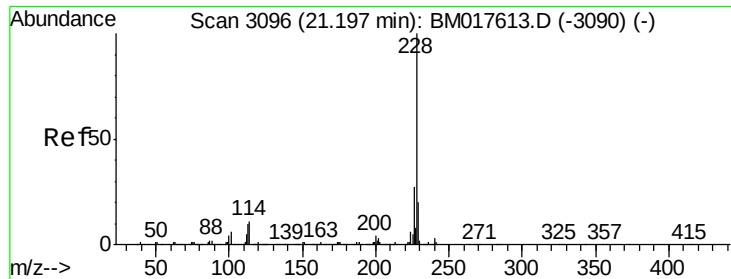


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.732 ng

RT: 21.20 min Scan# 3096

Delta R.T. -0.00 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

Instrument :

BNA_M

ClientSampleId :

PB114777BS

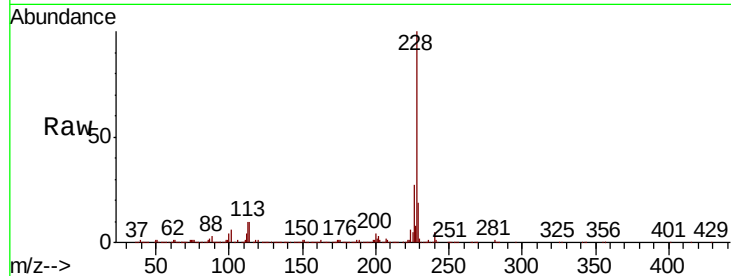
Tgt Ion:228 Resp: 3360816

Ion Ratio Lower Upper

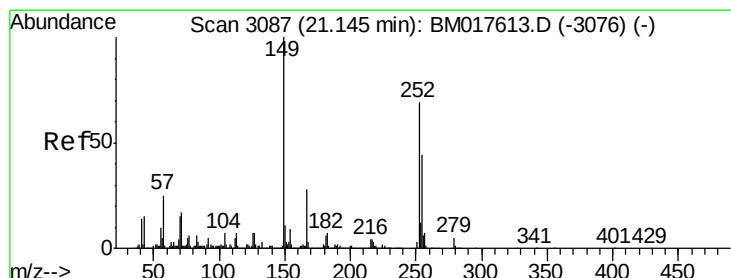
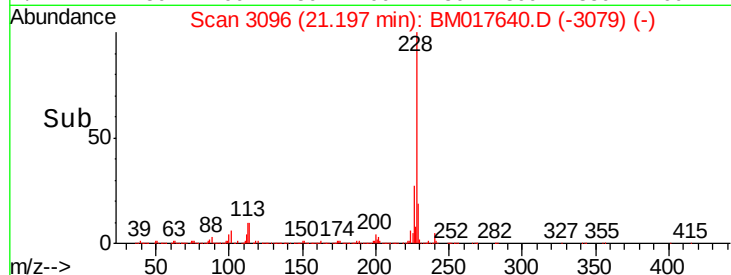
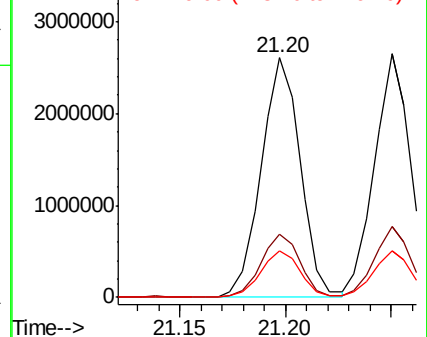
228 100

226 26.6 21.3 31.9

229 19.4 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: 30.691 ng

RT: 21.14 min Scan# 3086

Delta R.T. -0.01 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

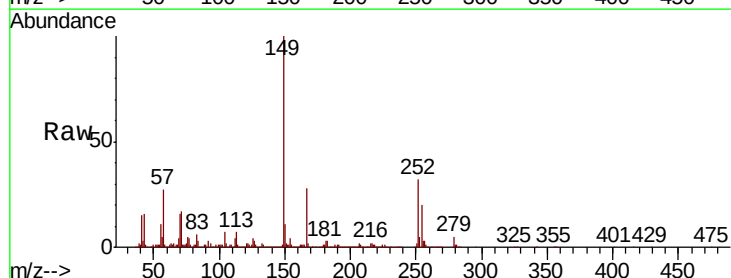
Tgt Ion:252 Resp: 834025

Ion Ratio Lower Upper

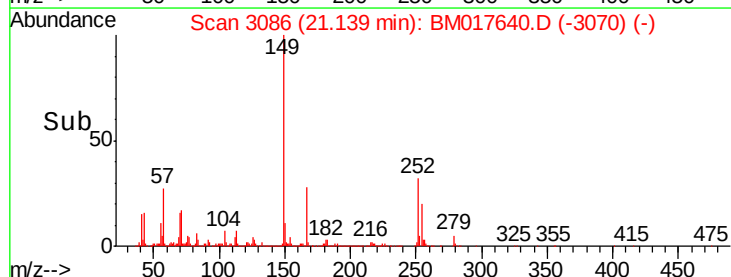
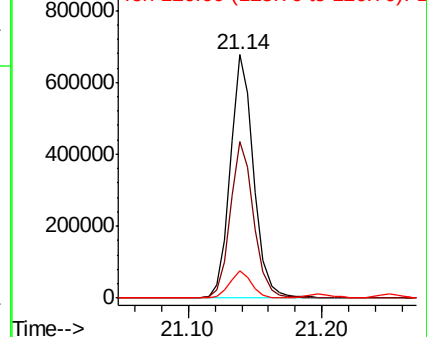
252 100

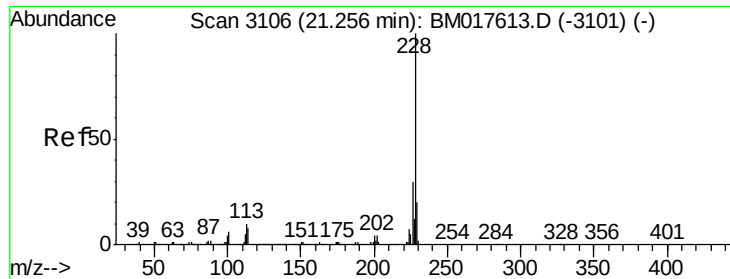
254 64.2 51.4 77.2

126 11.1 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: 46.157 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

Instrument :

BNA_M

ClientSampleId :

PB114777BS

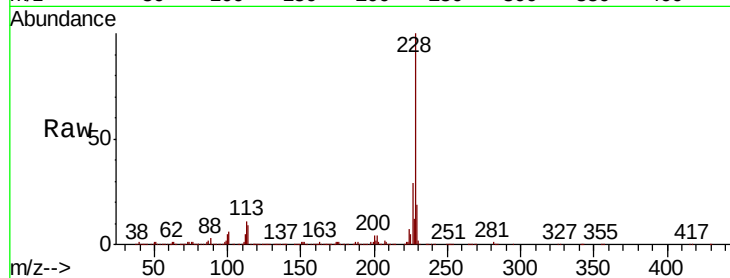
Tgt Ion:228 Resp: 3156543

Ion Ratio Lower Upper

228 100

226 29.3 23.6 35.4

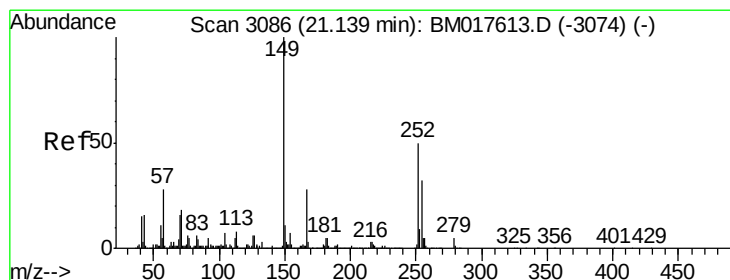
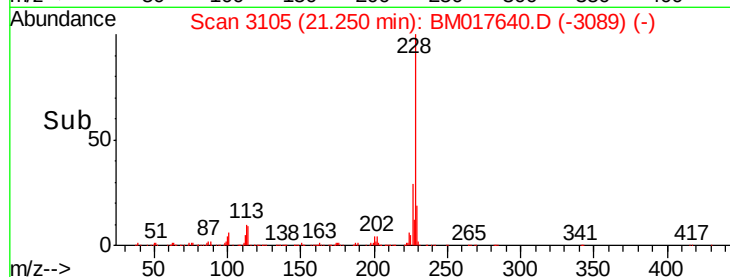
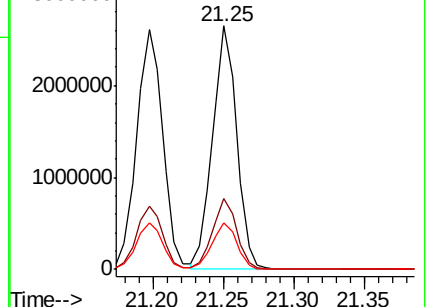
229 19.3 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.544 ng

RT: 21.14 min Scan# 3086

Delta R.T. -0.00 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

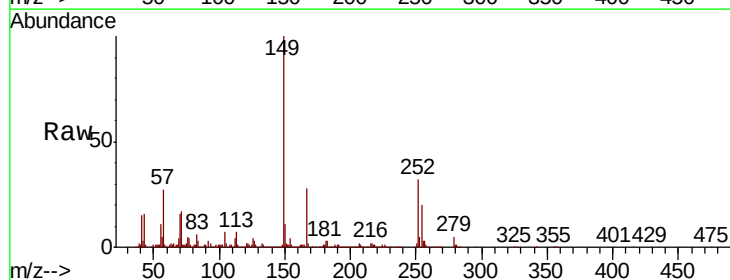
Tgt Ion:149 Resp: 2107411

Ion Ratio Lower Upper

149 100

167 28.1 22.2 33.4

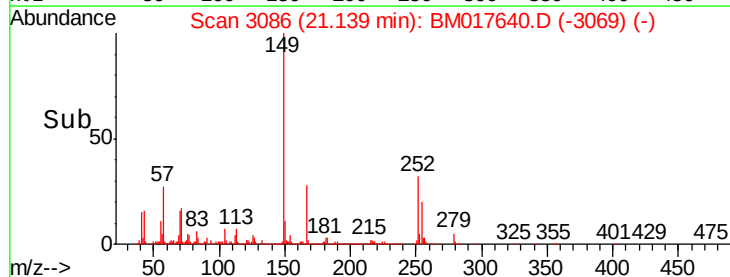
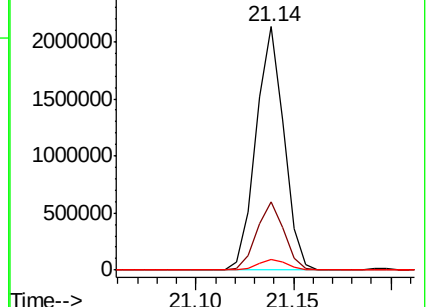
279 4.5 3.7 5.5

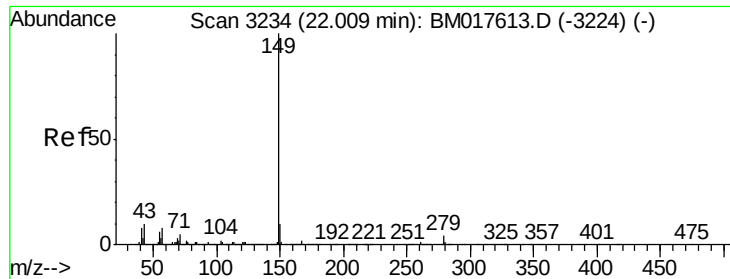


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 47.793 ng

RT: 22.01 min Scan# 3234

Delta R.T. -0.00 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

Instrument :

BNA_M

ClientSampleId :

PB114777BS

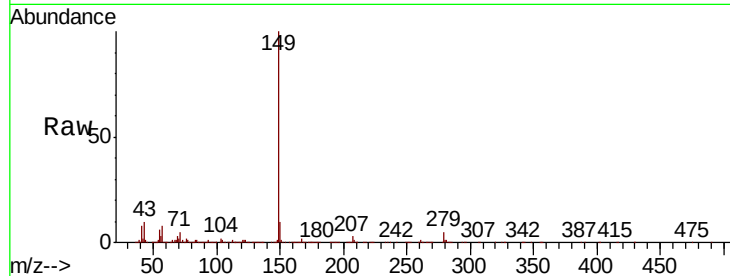
Tgt Ion:149 Resp: 3465087

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

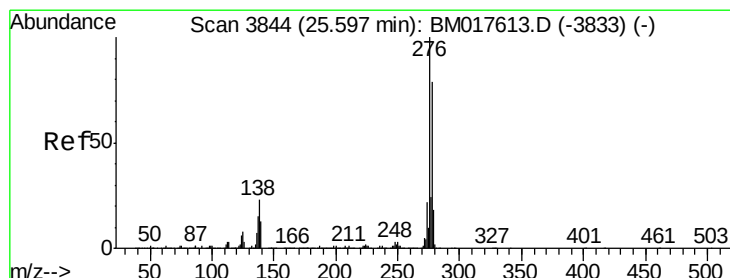
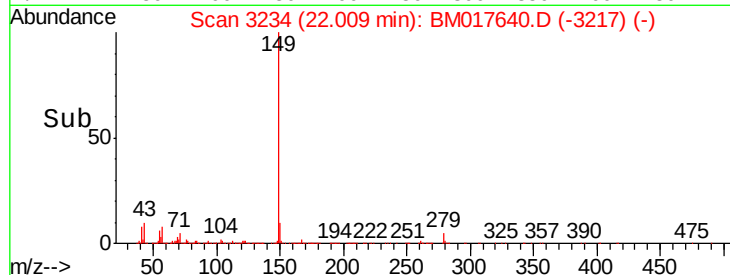
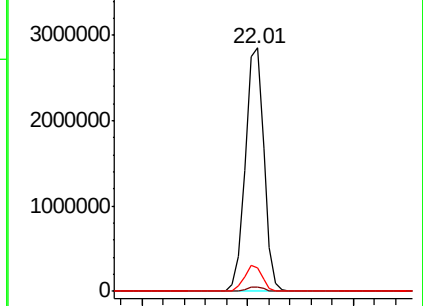
43 10.4 8.3 12.5



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: 50.298 ng

RT: 25.60 min Scan# 3844

Delta R.T. -0.00 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

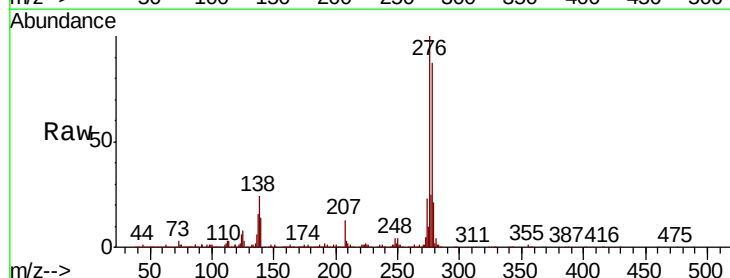
Tgt Ion:276 Resp: 2748741

Ion Ratio Lower Upper

276 100

138 23.6 19.1 28.7

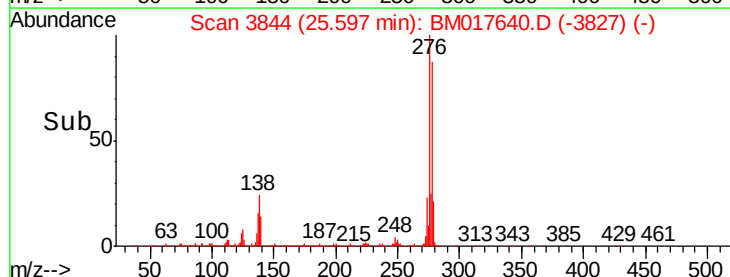
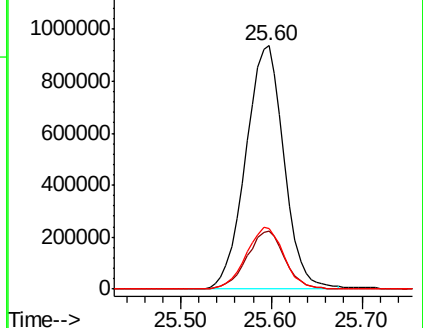
277 25.2 20.0 30.0

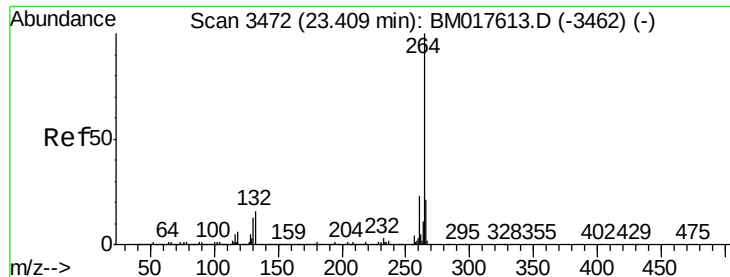


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



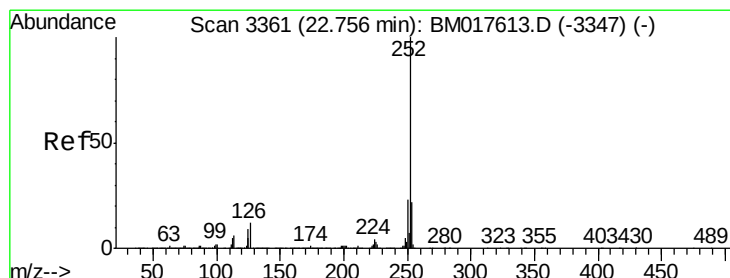
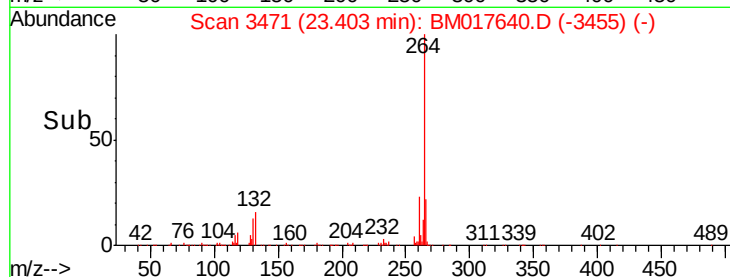
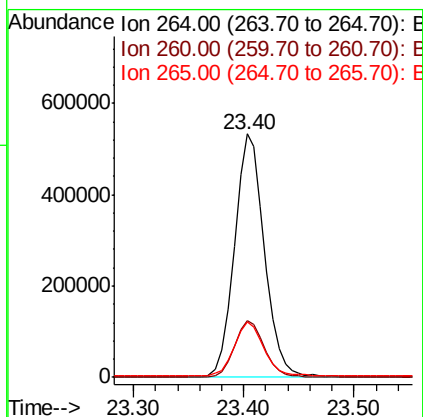
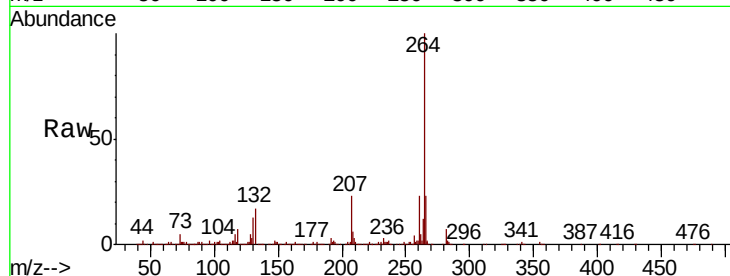


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.40 min Scan# 3471
Delta R.T. -0.01 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Instrument :
BNA_M
ClientSampleId :
PB114777BS

Tgt Ion:264 Resp: 1013268

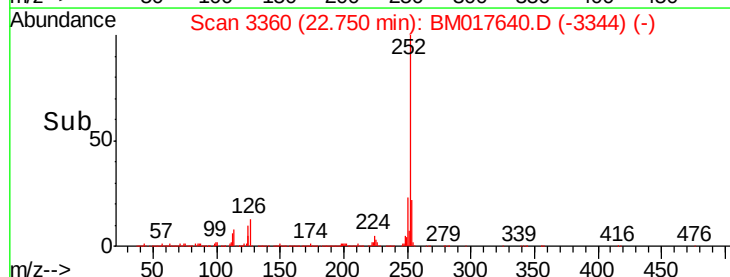
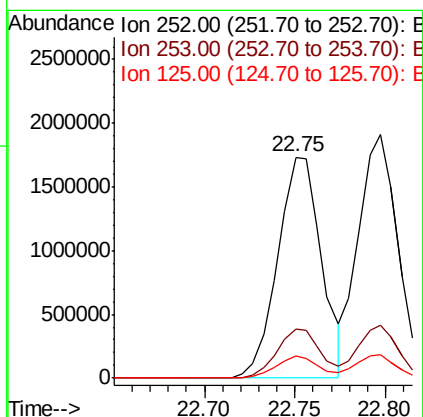
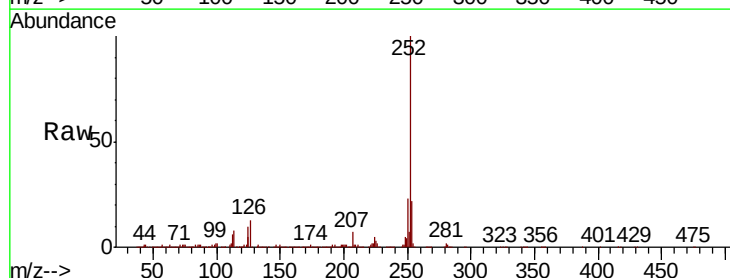
Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.2
265	22.8	17.5	26.3

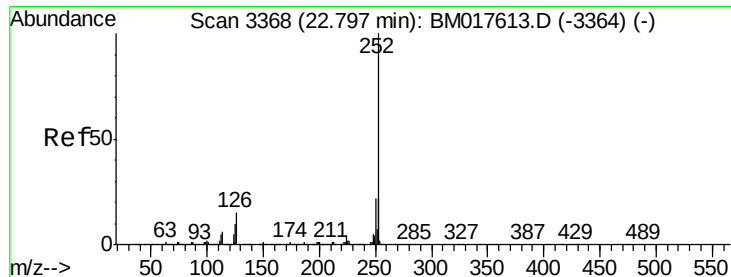


#88
Benzo(b)fluoranthene
Concen: 49.344 ng
RT: 22.75 min Scan# 3360
Delta R.T. -0.01 min
Lab File: BM017640.D
Acq: 14 Nov 2018 02:51

Tgt Ion:252 Resp: 2928064

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	10.2	7.6	11.4





#89

Benzo(k)fluoranthene

Concen: 48.262 ng

RT: 22.80 min Scan# 3368

Delta R.T. -0.00 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

Instrument :

BNA_M

ClientSampleId :

PB114777BS

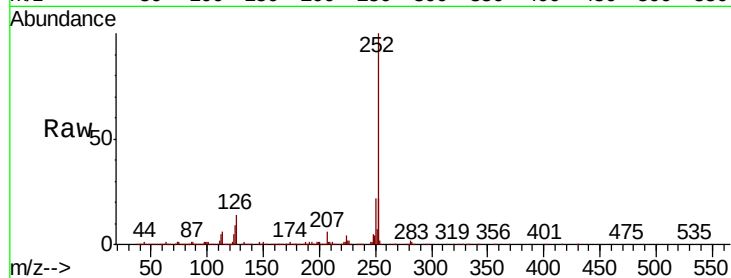
Tgt Ion:252 Resp: 2894637

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 9.5 7.9 11.9

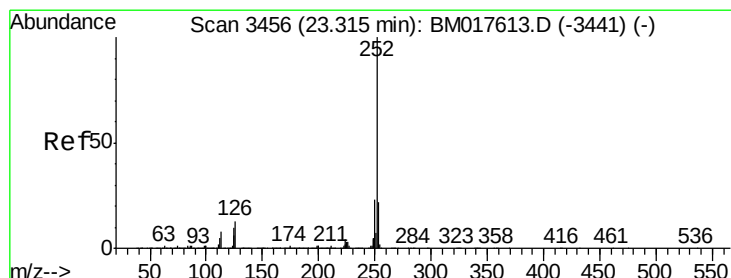
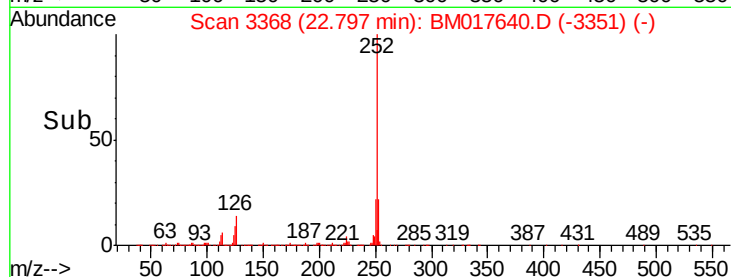
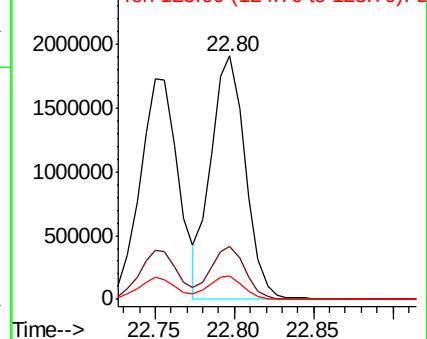


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 50.380 ng

RT: 23.31 min Scan# 3456

Delta R.T. -0.00 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

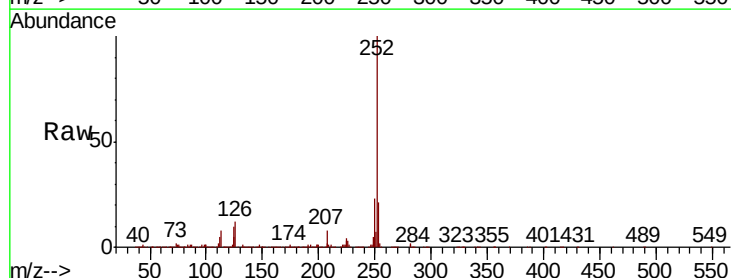
Tgt Ion:252 Resp: 2725882

Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.2

125 10.2 8.2 12.2

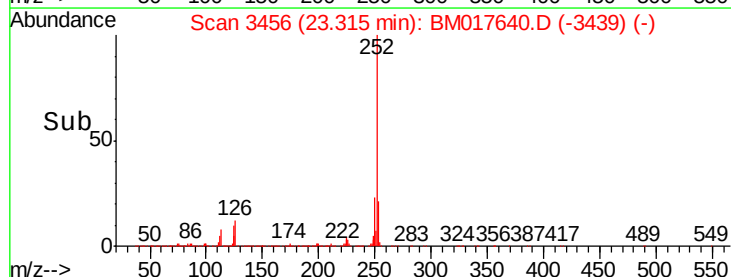
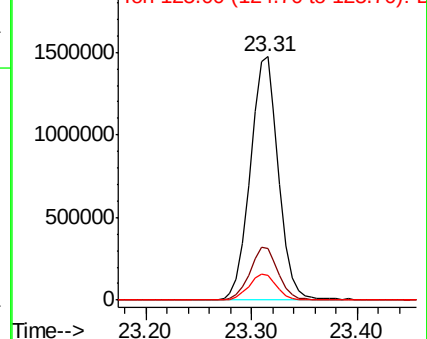


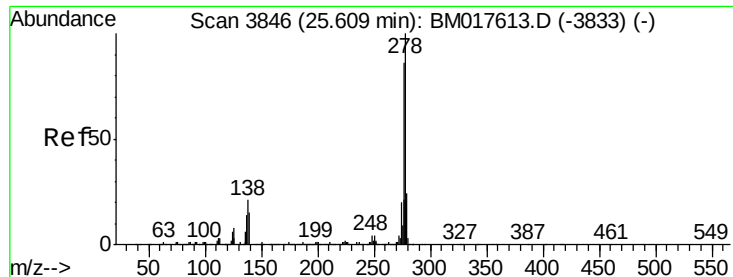
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 50.992 ng

RT: 25.60 min Scan# 3845

Delta R.T. -0.01 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

Instrument :

BNA_M

ClientSampleId :

PB114777BS

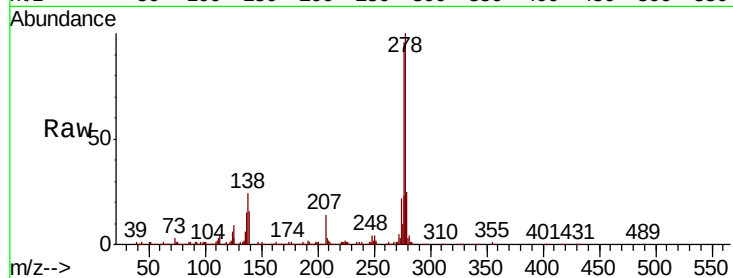
Tgt Ion:278 Resp: 2319491

Ion Ratio Lower Upper

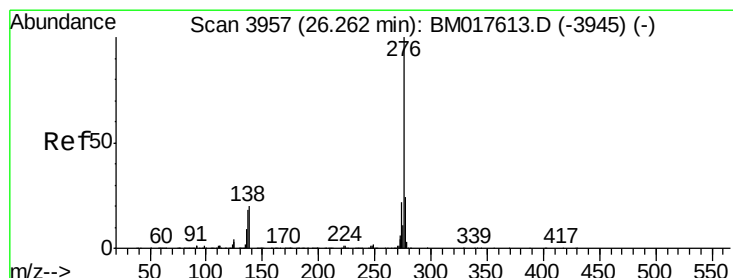
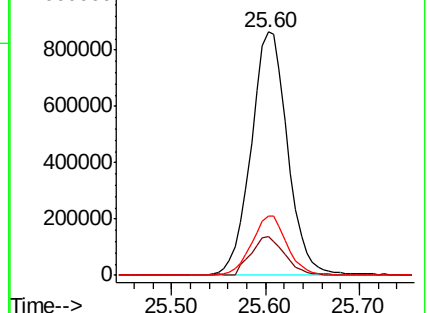
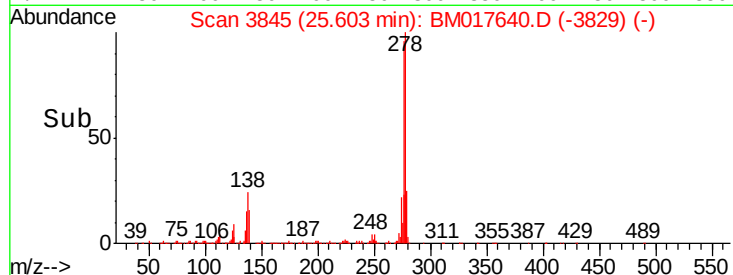
278 100

139 15.7 11.8 17.6

279 24.6 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 52.162 ng

RT: 26.26 min Scan# 3957

Delta R.T. -0.00 min

Lab File: BM017640.D

Acq: 14 Nov 2018 02:51

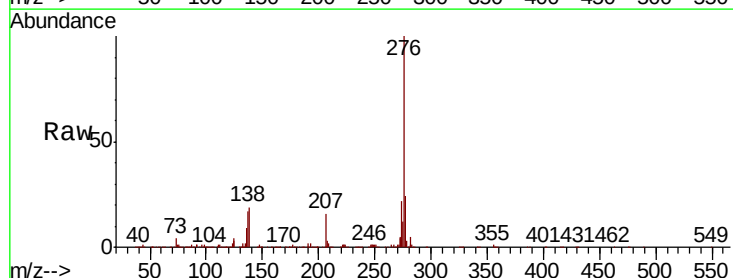
Tgt Ion:276 Resp: 2231232

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.4

138 19.1 15.9 23.9



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

