

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101818\
 Data File : BM017213.D
 Acq On : 19 Oct 2018 03:22
 Operator : MJ/SJ
 Sample : PB113953BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB113953BS

Quant Time: Oct 19 13:55:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	327413	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	1397668	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	807933	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1742582	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	1667802	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1577697	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	2493033	128.78	ng	0.00
7) Phenol-d6	6.85	99	3303093	125.28	ng	0.00
23) Nitrobenzene-d5	8.82	82	1481326	61.99	ng	-0.01
42) 2,4,6-Tribromophenol	15.80	330	1334797	122.17	ng	-0.01
45) 2-Fluorobiphenyl	12.93	172	3572490	58.83	ng	0.00
79) Terphenyl-d14	19.70	244	4375394	59.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.26	88	439954	44.507	ng	88
3) Pyridine	3.65	79	141479	6.220	ng	88
4) n-Nitrosodimethylamine	3.56	42	63365	6.940	ng	# 71
6) Aniline	7.01	93	170552	5.172	ng	95
8) 2-Chlorophenol	7.24	128	141627	6.324	ng	96
9) Benzaldehyde	6.82	77	86321	5.135	ng	97
10) Phenol	6.88	94	174770	6.159	ng	92
11) bis(2-Chloroethyl)ether	7.10	93	127877	5.653	ng	96
12) 1,3-Dichlorobenzene	7.56	146	161159	6.173	ng	95
13) 1,4-Dichlorobenzene	7.70	146	164360	6.162	ng	97
14) 1,2-Dichlorobenzene	8.02	146	155212	6.040	ng	97
15) Benzyl Alcohol	7.91	79	116662	6.054	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.19	45	175221	5.545	ng	97
17) 2-Methylphenol	8.11	107	115819	6.359	ng	98
18) Hexachloroethane	8.73	117	55310	6.059	ng	95
19) n-Nitroso-di-n-propylamine	8.47	70	101415	5.842	ng	99
20) 3+4-Methylphenols	8.43	107	154112	6.187	ng	97
22) Acetophenone	8.49	105	210823	5.951	ng	98
24) Nitrobenzene	8.86	77	160065	6.332	ng	94
25) Isophorone	9.39	82	263759	6.684	ng	98
26) 2-Nitrophenol	9.57	139	65174	10.558	ng	92
27) 2,4-Dimethylphenol	9.63	122	127537	7.309	ng	98
28) bis(2-Chloroethoxy)methane	9.87	93	174610	6.287	ng	98
29) 2,4-Dichlorophenol	10.10	162	126229	6.231	ng	97
30) 1,2,4-Trichlorobenzene	10.31	180	143831	5.918	ng	99
31) Naphthalene	10.49	128	432005	6.307	ng	99
32) Benzoic acid	9.71	122	58711	4.509	ng	86
33) 4-Chloroaniline	10.62	127	143670	4.857	ng	97
34) Hexachlorobutadiene	10.77	225	91338	5.931	ng	99
35) Caprolactam	11.40	113	32993	4.469	ng	93
36) 4-Chloro-3-methylphenol	11.73	107	137138	6.005	ng	98
37) 2-Methylnaphthalene	12.11	142	317422	6.772	ng	97
38) 1-Methylnaphthalene	12.33	142	303880	6.661	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	167969	5.903	ng	98

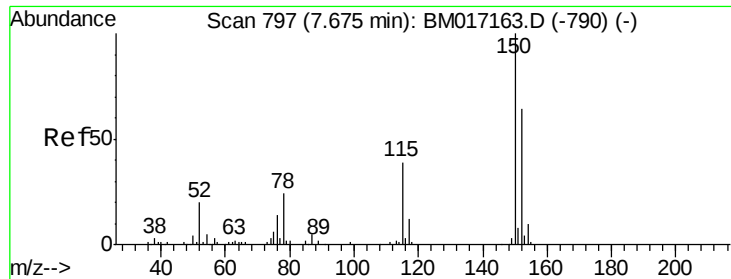
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101818\
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 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	213153	15.496	ng	99
43) 2,4,6-Trichlorophenol	12.73	196	102392	6.199	ng	99
44) 2,4,5-Trichlorophenol	12.80	196	109734	6.196	ng	95
46) 1,1'-Biphenyl	13.13	154	412875	5.679	ng	100
47) 2-Chloronaphthalene	13.17	162	314036	5.871	ng	98
48) 2-Nitroaniline	13.39	65	77971	10.236	ng	92
49) Acenaphthylene	14.03	152	488737	6.304	ng	99
50) Dimethylphthalate	13.77	163	387532	6.217	ng	99
51) 2,6-Dinitrotoluene	13.89	165	76676	5.589	ng	95
52) Acenaphthene	14.37	154	292090	6.000	ng	97
53) 3-Nitroaniline	14.22	138	62508	4.207	ng	93
54) 2,4-Dinitrophenol	14.43	184	68352	15.846	ng	100
55) Dibenzofuran	14.71	168	470535	5.813	ng	96
56) 4-Nitrophenol	14.53	139	163172	16.056	ng	89
57) 2,4-Dinitrotoluene	14.69	165	96624	5.240	ng	# 96
58) Fluorene	15.36	166	374949	6.258	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	99382	6.156	ng	# 97
60) Diethylphthalate	15.15	149	369361	5.975	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	199268	5.834	ng	98
62) 4-Nitroaniline	15.39	138	70246	8.571	ng	88
63) Azobenzene	15.66	77	336448	5.600	ng	98
65) 4,6-Dinitro-2-methylphenol	15.45	198	48276	10.687	ng	92
66) n-Nitrosodiphenylamine	15.58	169	321291	6.094	ng	100
67) 4-Bromophenyl-phenylether	16.26	248	118275	6.182	ng	98
68) Hexachlorobenzene	16.36	284	128703	5.791	ng	96
69) Atrazine	16.53	200	102294	5.421	ng	99
70) Pentachlorophenol	16.71	266	135985	8.932	ng	97
71) Phenanthrene	17.10	178	589463	6.270	ng	99
72) Anthracene	17.19	178	567343	6.351	ng	100
73) Carbazole	17.47	167	482546	5.288	ng	99
74) Di-n-butylphthalate	18.04	149	513421	5.334	ng	100
75) Fluoranthene	19.12	202	614607	5.809	ng	99
77) Benzidine	19.32	184	310306	7.338	ng	95
78) Pyrene	19.49	202	622293	6.676	ng	99
80) Butylbenzylphthalate	20.40	149	193886	11.825	ng	95
81) Benzo(a)anthracene	21.23	228	582661	6.208	ng	99
82) 3,3'-Dichlorobenzidine	21.17	252	151691	4.337	ng	96
83) Chrysene	21.29	228	571375	6.151	ng	100
84) Bis(2-ethylhexyl)phthalate	21.18	149	274534	9.807	ng	# 99
85) Di-n-octyl phthalate	22.05	149	454694	9.943	ng	100
86) Indeno(1,2,3-cd)pyrene	25.67	276	601173	5.786	ng	98
88) Benzo(b)fluoranthene	22.80	252	553398	6.416	ng	100
89) Benzo(k)fluoranthene	22.84	252	538055	6.216	ng	98
90) Benzo(a)pyrene	23.37	252	523013	6.386	ng	99
91) Dibenzo(a,h)anthracene	25.68	278	509353	6.263	ng	99
92) Benzo(g,h,i)perylene	26.34	276	504268	6.256	ng	98

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

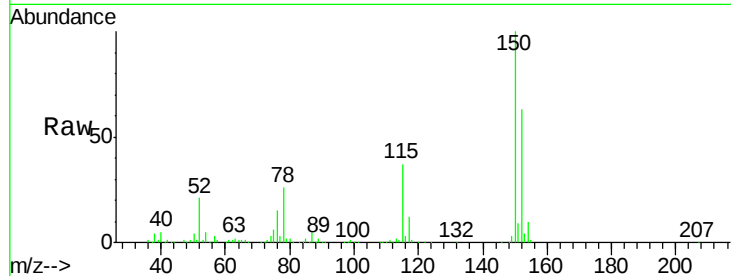


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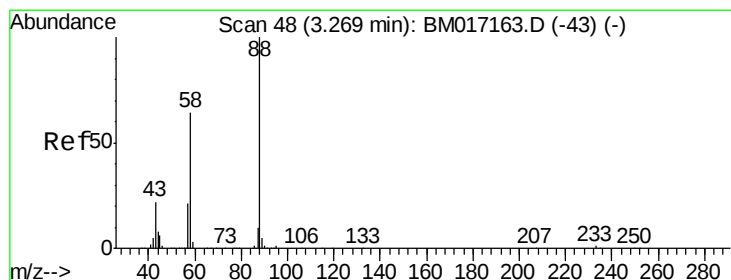
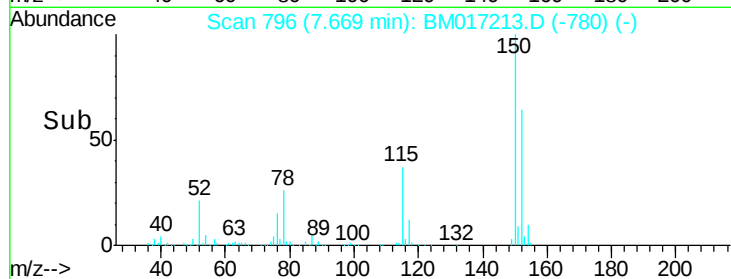
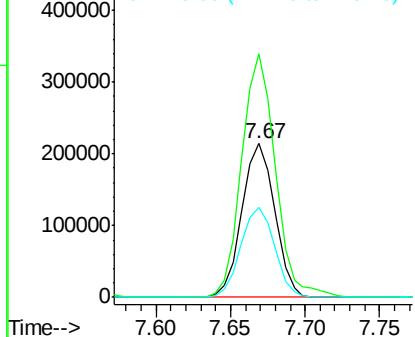
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM017213.D
Acq: 19 Oct 2018 03:22

Instrument :
BNA_M
ClientSampleId :
PB113953BS

Tgt Ion:152 Resp: 327413
Ion Ratio Lower Upper
152 100
150 158.5 124.3 186.5
115 58.7 48.1 72.1



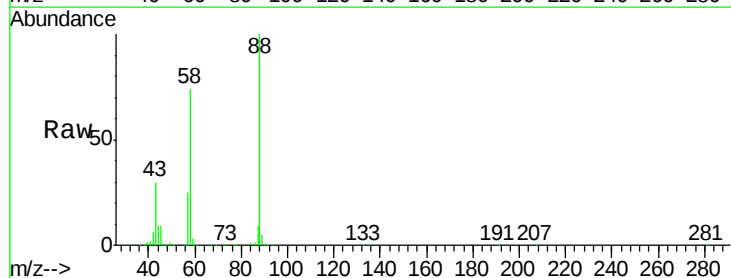
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



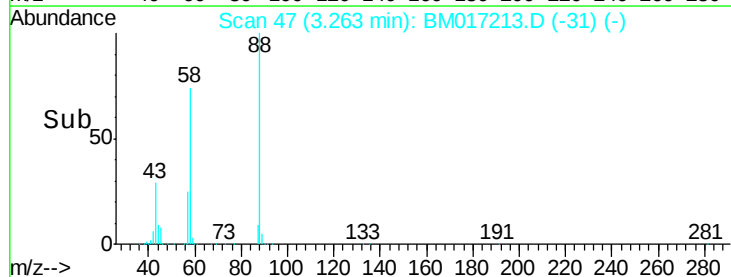
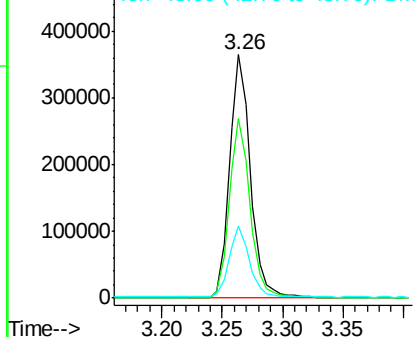
#2

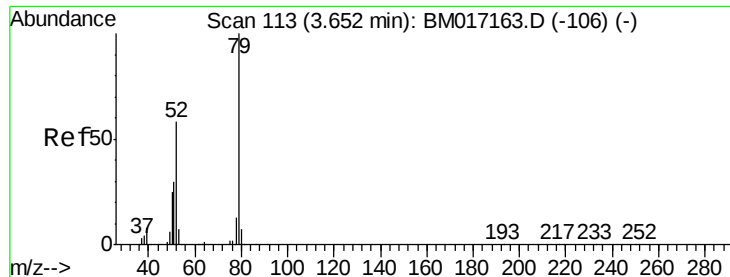
1,4-Dioxane
Concen: 44.507 ng
RT: 3.26 min Scan# 47
Delta R.T. -0.01 min
Lab File: BM017213.D
Acq: 19 Oct 2018 03:22

Tgt Ion: 88 Resp: 439954
Ion Ratio Lower Upper
88 100
58 73.0 50.2 75.4
43 28.1 19.3 28.9



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





#3

Pyridine

Concen: 6.220 ng

RT: 3.65 min Scan# 113

Delta R.T. 0.00 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

Instrument :

BNA_M

ClientSampleId :

PB113953BS

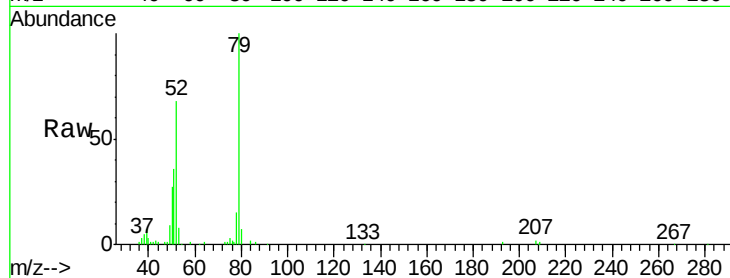
Tgt Ion: 79 Resp: 141479

Ion Ratio Lower Upper

79 100

52 67.7 46.5 69.7

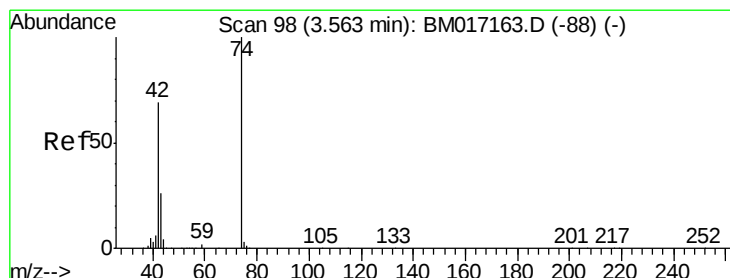
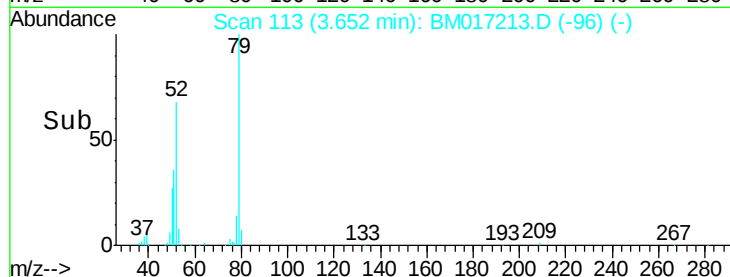
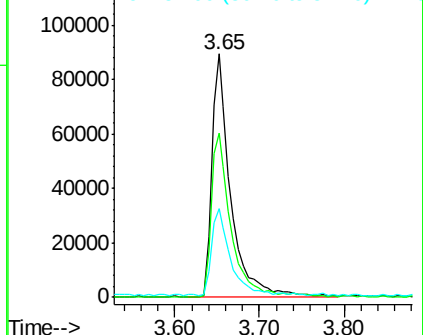
51 36.3 24.6 37.0



Abundance Ion 79.00 (78.70 to 79.70): BM017213.D (-106) (-)

Ion 52.00 (51.70 to 52.70): BM017213.D (-106) (-)

Ion 51.00 (50.70 to 51.70): BM017213.D (-106) (-)



#4

n-Nitrosodimethylamine

Concen: 6.940 ng

RT: 3.56 min Scan# 98

Delta R.T. 0.00 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

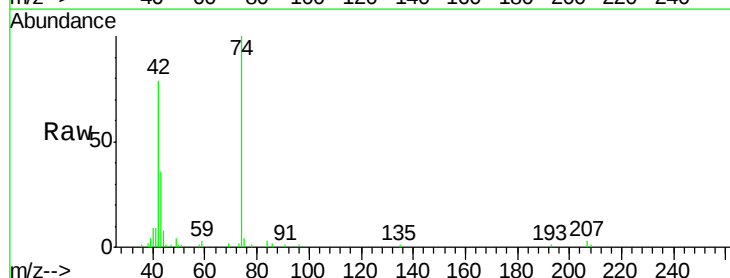
Tgt Ion: 42 Resp: 63365

Ion Ratio Lower Upper

42 100

74 126.5 114.4 171.6

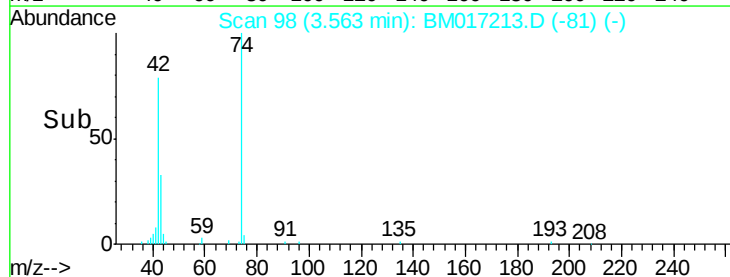
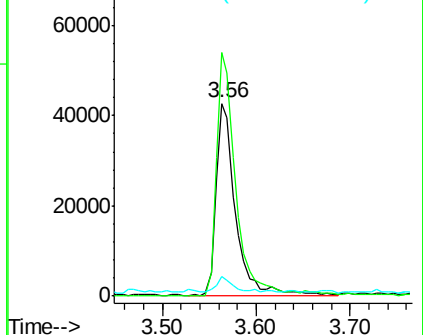
44 9.9 48.6 73.0#

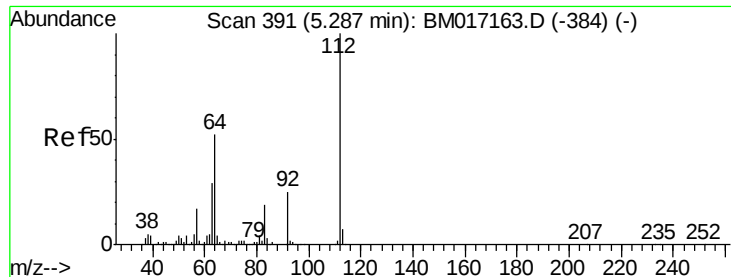


Abundance Ion 42.00 (41.70 to 42.70): BM017213.D (-88) (-)

Ion 74.00 (73.70 to 74.70): BM017213.D (-88) (-)

Ion 44.00 (43.70 to 44.70): BM017213.D (-88) (-)





#5

2-Fluorophenol

Concen: 128.784 ng

RT: 5.28 min Scan# 390

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

Instrument :

BNA_M

ClientSampleId :

PB113953BS

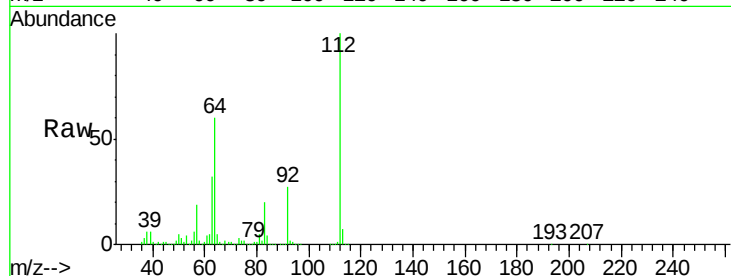
Tgt Ion:112 Resp: 2493033

Ion Ratio Lower Upper

112 100

64 59.7 41.7 62.5

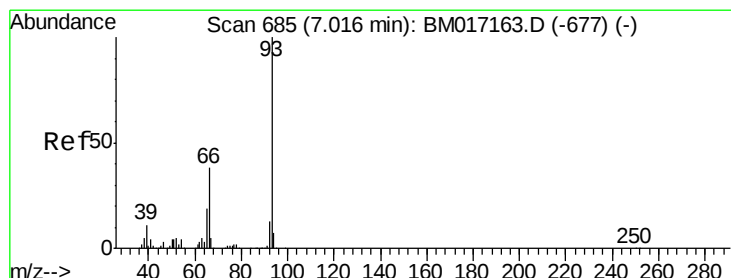
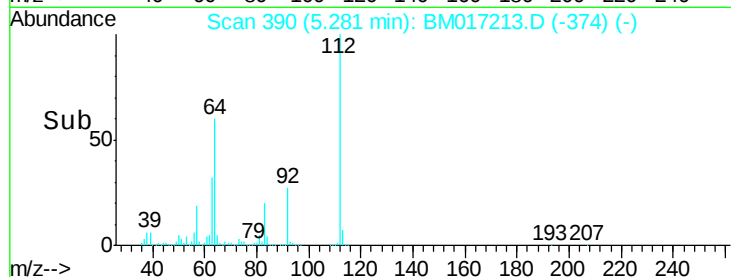
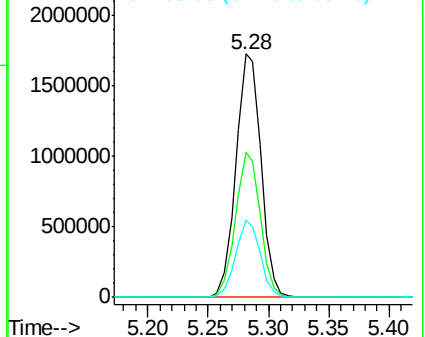
63 31.6 23.0 34.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 5.172 ng

RT: 7.01 min Scan# 684

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

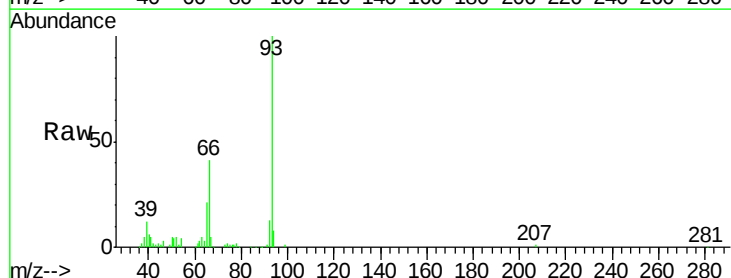
Tgt Ion: 93 Resp: 170552

Ion Ratio Lower Upper

93 100

66 41.1 30.4 45.6

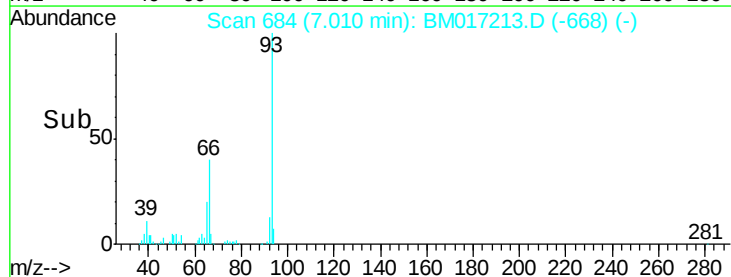
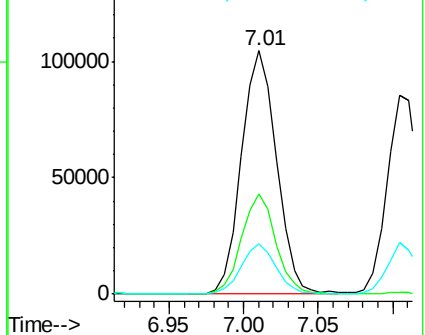
65 20.6 15.3 22.9

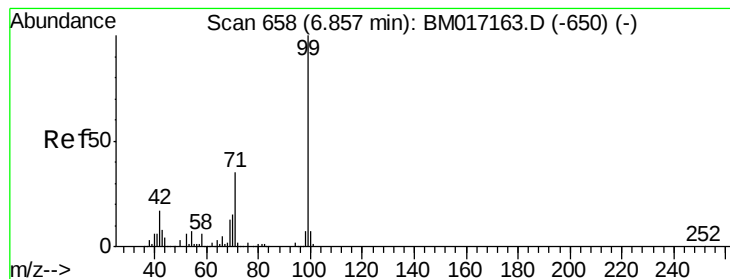


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 125.284 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

Instrument :

BNA_M

ClientSampled :

PB113953BS

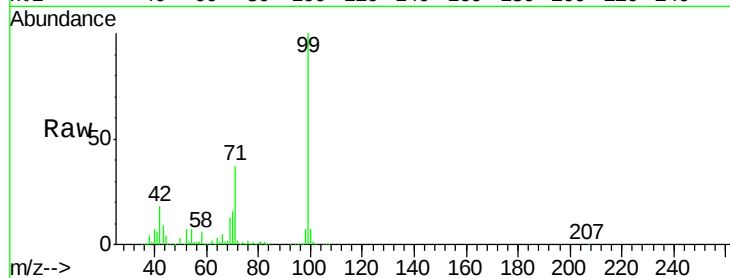
Tgt Ion: 99 Resp: 3303093

Ion Ratio Lower Upper

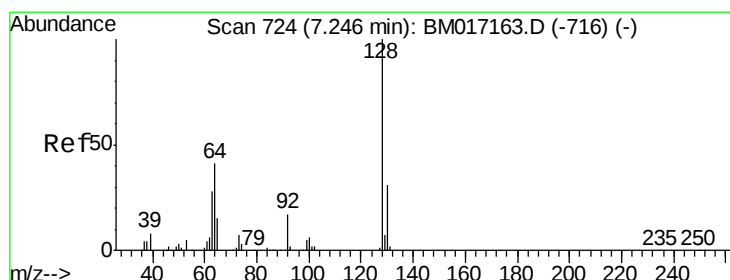
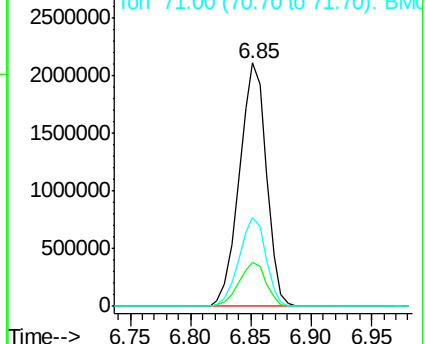
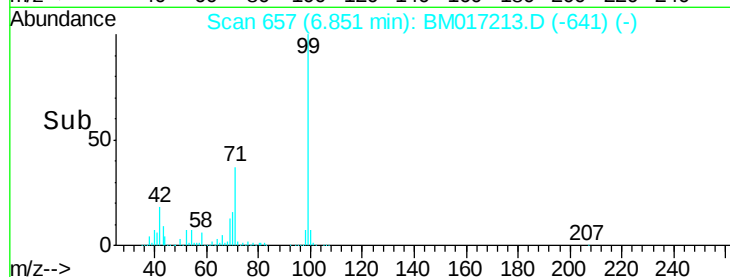
99 100

42 18.0 13.3 19.9

71 36.7 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017213.D (-641) (-)



#8

2-Chlorophenol

Concen: 6.324 ng

RT: 7.24 min Scan# 723

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

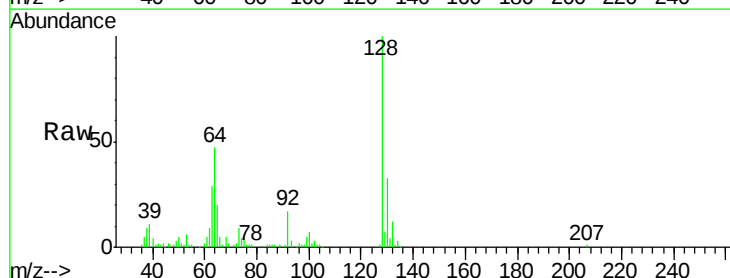
Tgt Ion: 128 Resp: 141627

Ion Ratio Lower Upper

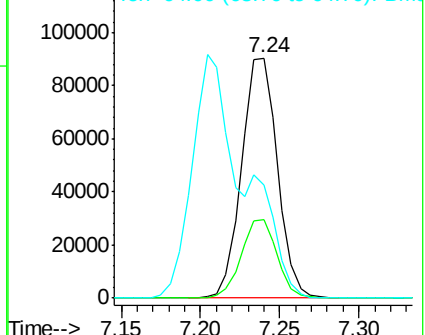
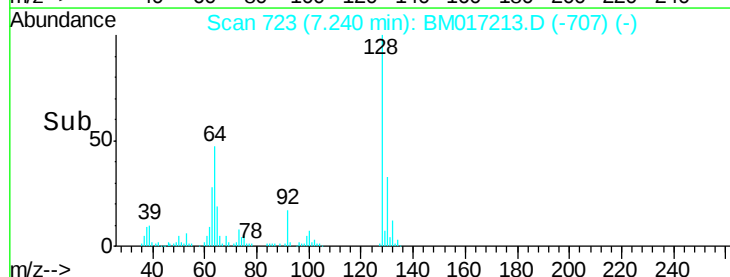
128 100

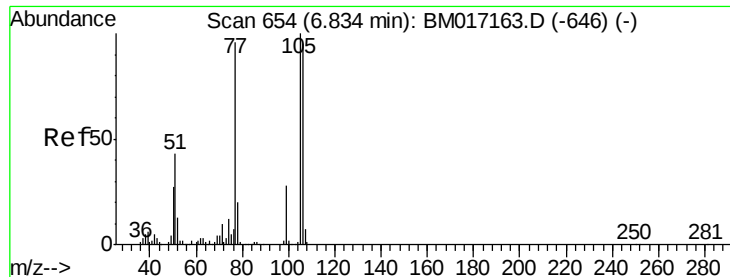
130 32.5 11.0 51.0

64 46.8 24.1 64.1



Abundance Ion 128.00 (127.70 to 128.70): BM017213.D (-707) (-)





#9

Benzaldehyde

Concen: 5.135 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

Instrument :

BNA_M

ClientSampleId :

PB113953BS

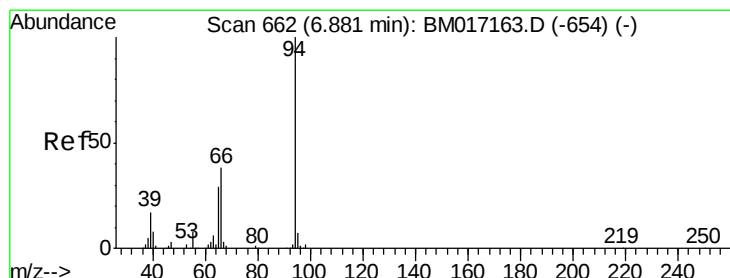
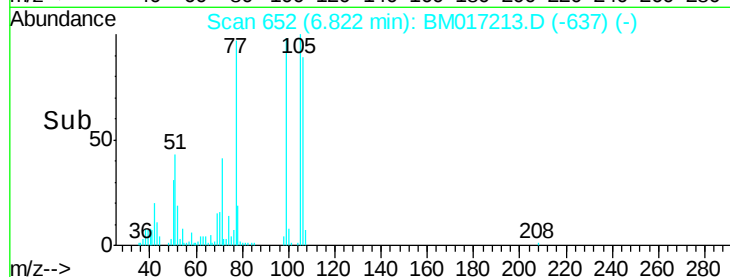
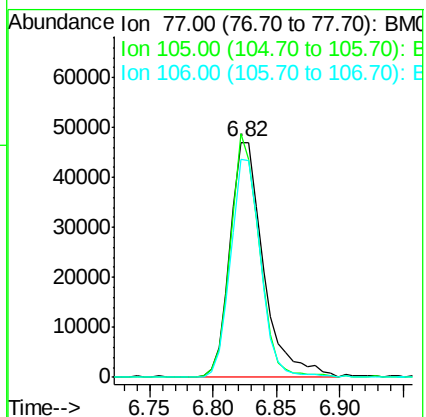
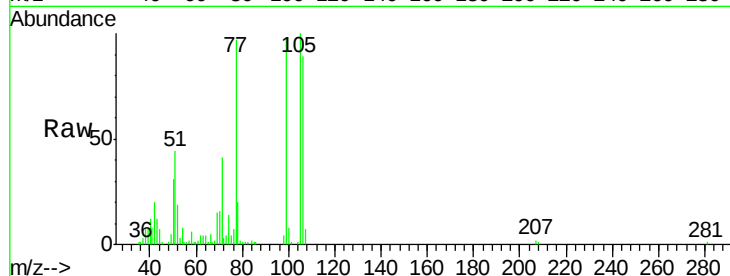
Tgt Ion: 77 Resp: 86321

Ion Ratio Lower Upper

77 100

105 103.6 83.9 123.9

106 92.5 78.2 118.2



#10

Phenol

Concen: 6.159 ng

RT: 6.88 min Scan# 661

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

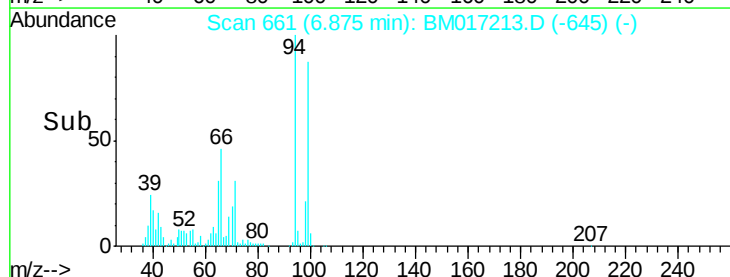
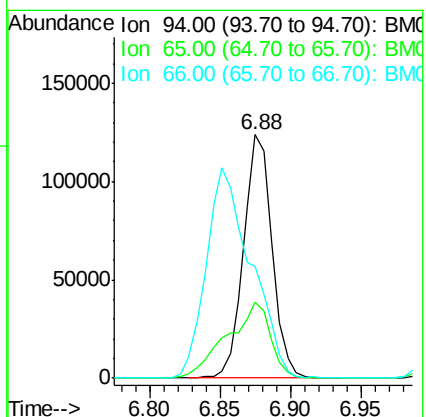
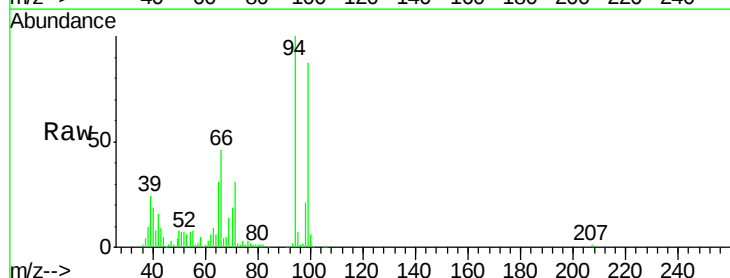
Tgt Ion: 94 Resp: 174770

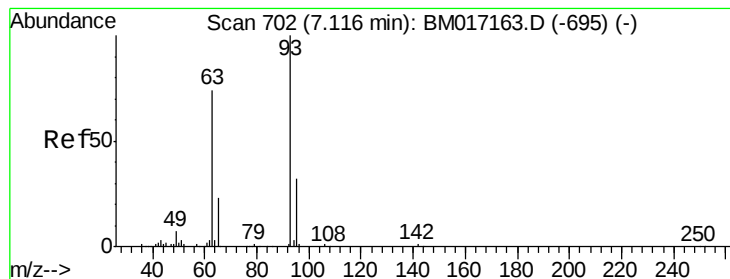
Ion Ratio Lower Upper

94 100

65 31.2 9.4 49.4

66 46.0 19.0 59.0





#11

bis(2-Chloroethyl)ether

Concen: 5.653 ng

RT: 7.10 min Scan# 700

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

Instrument :

BNA_M

ClientSampleId :

PB113953BS

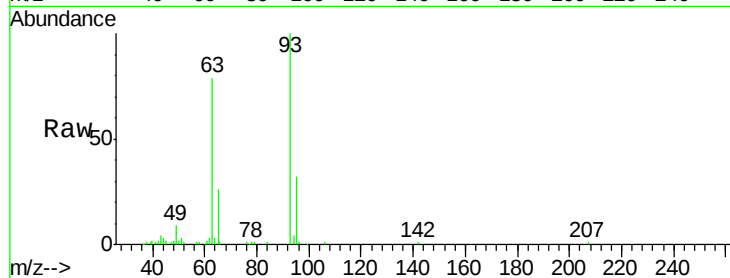
Tgt Ion: 93 Resp: 127877

Ion Ratio Lower Upper

93 100

63 78.8 54.0 94.0

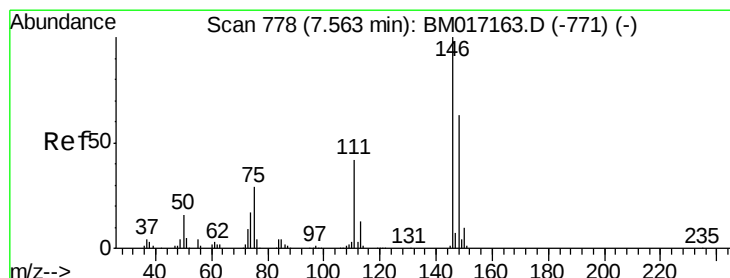
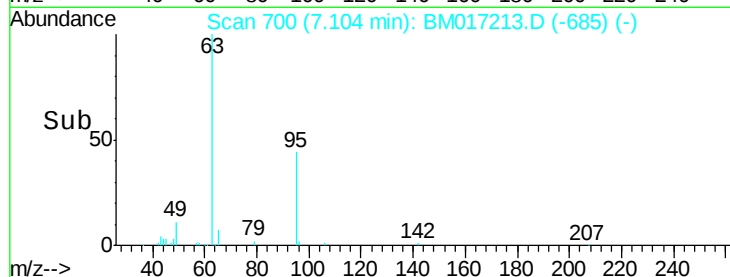
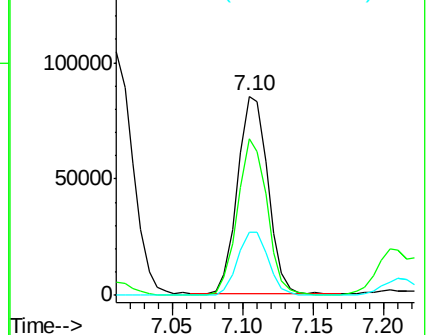
95 31.9 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BM017213.D (-685) (-)

Ion 63.00 (62.70 to 63.70): BM017213.D (-685) (-)

Ion 95.00 (94.70 to 95.70): BM017213.D (-685) (-)



#12

1,3-Dichlorobenzene

Concen: 6.173 ng

RT: 7.56 min Scan# 777

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

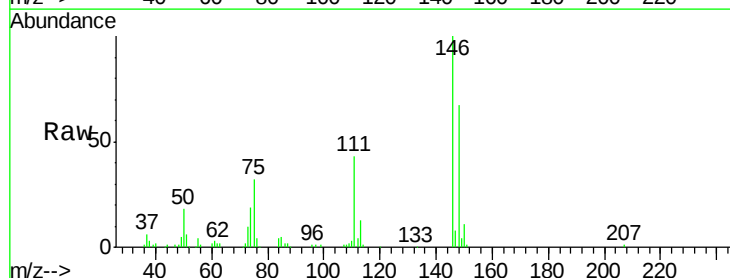
Tgt Ion: 146 Resp: 161159

Ion Ratio Lower Upper

146 100

148 66.5 50.2 75.4

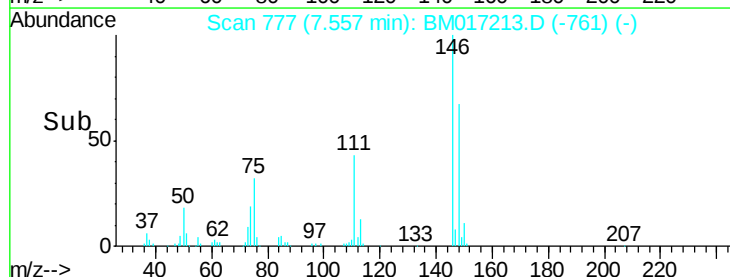
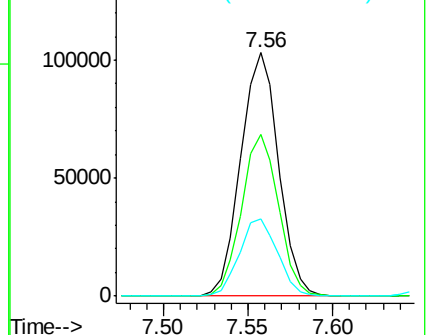
75 31.8 23.3 34.9

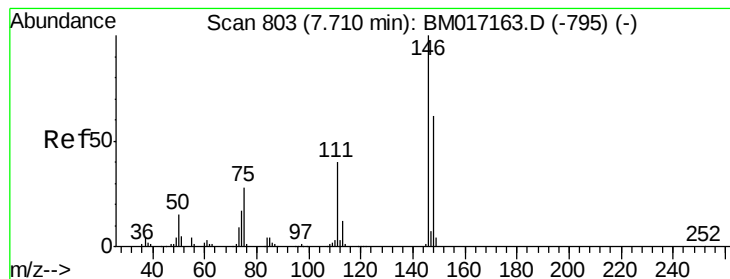


Abundance Ion 146.00 (145.70 to 146.70): BM017213.D (-761) (-)

Ion 148.00 (147.70 to 148.70): BM017213.D (-761) (-)

Ion 75.00 (74.70 to 75.70): BM017213.D (-761) (-)





#13

1,4-Dichlorobenzene

Concen: 6.162 ng

RT: 7.70 min Scan# 802

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

Instrument :

BNA_M

ClientSampleId :

PB113953BS

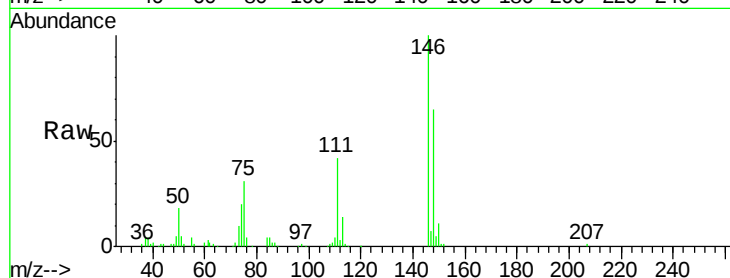
Tgt Ion:146 Resp: 164360

Ion Ratio Lower Upper

146 100

148 64.7 49.8 74.6

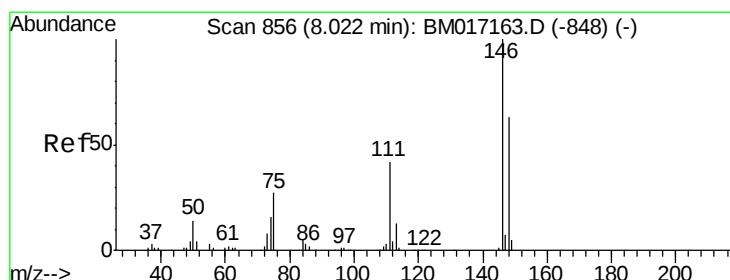
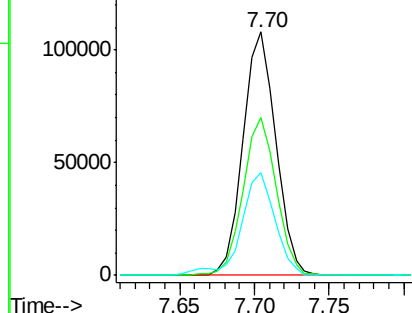
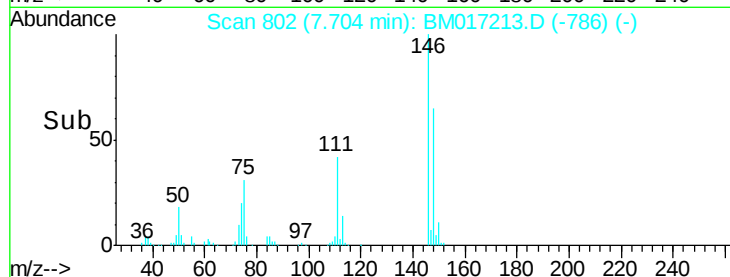
111 42.4 32.1 48.1



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: 6.040 ng

RT: 8.02 min Scan# 855

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

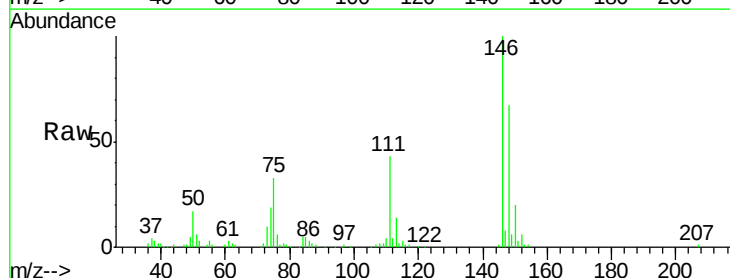
Tgt Ion:146 Resp: 155212

Ion Ratio Lower Upper

146 100

148 66.7 50.8 76.2

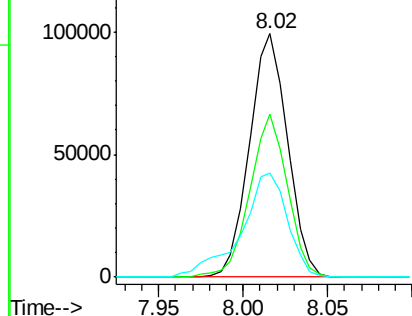
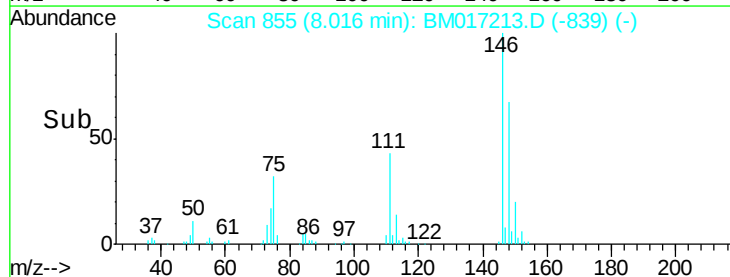
111 42.6 33.8 50.6



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: 6.054 ng

RT: 7.91 min Scan# 837

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

Instrument :

BNA_M

ClientSampleId :

PB113953BS

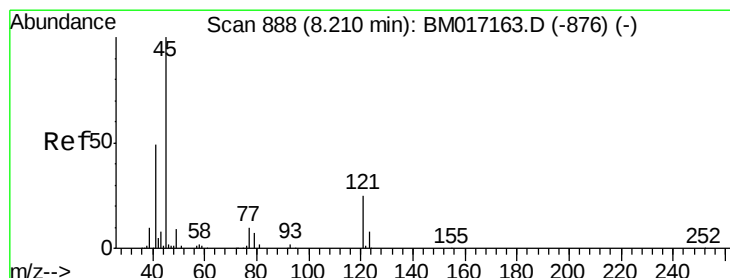
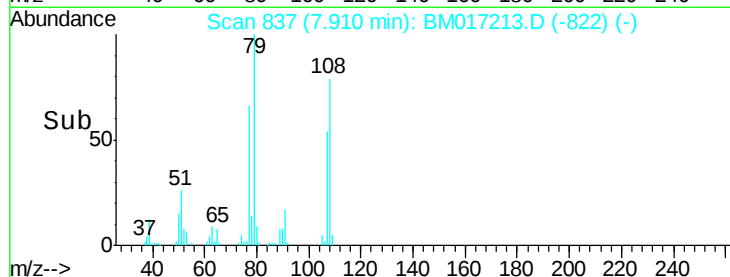
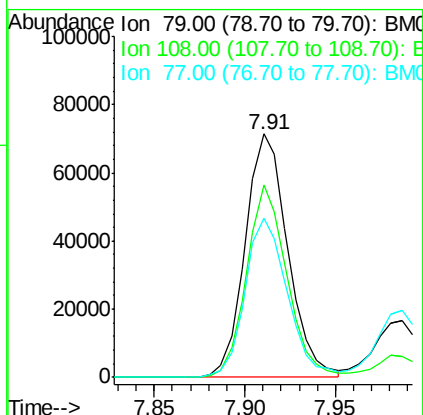
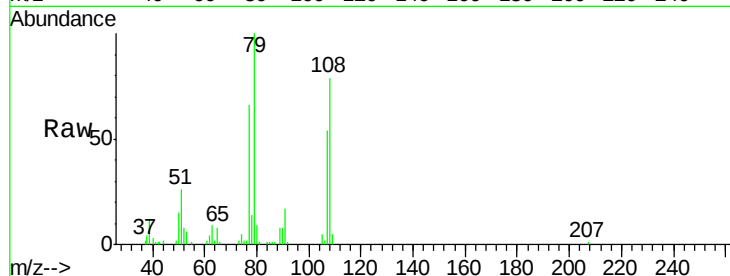
Tgt Ion: 79 Resp: 116662

Ion Ratio Lower Upper

79 100

108 78.9 60.3 90.5

77 65.6 54.8 82.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 5.545 ng

RT: 8.19 min Scan# 884

Delta R.T. -0.02 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

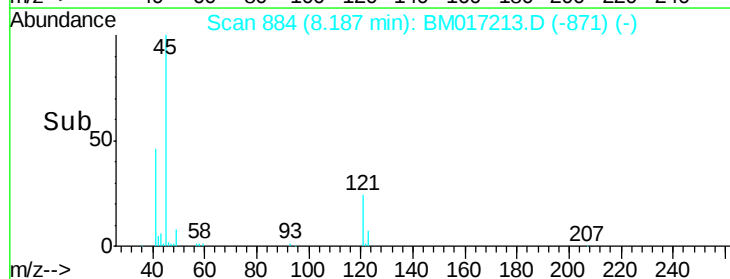
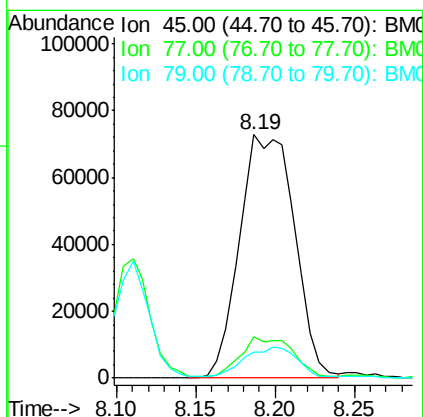
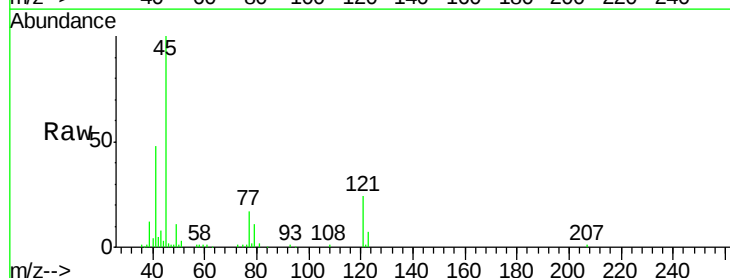
Tgt Ion: 45 Resp: 175221

Ion Ratio Lower Upper

45 100

77 16.8 0.0 35.5

79 10.5 0.0 32.1

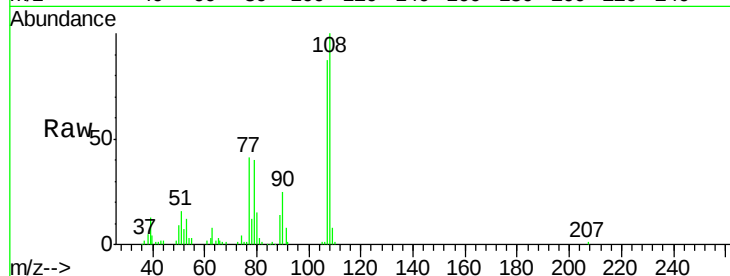




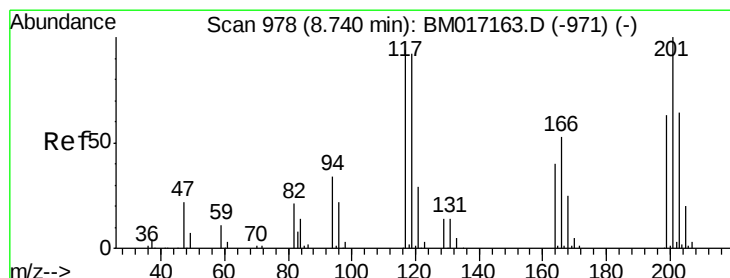
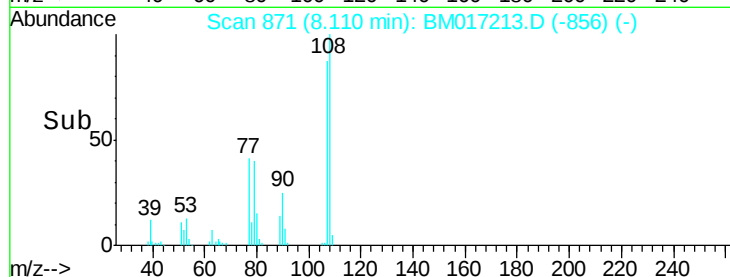
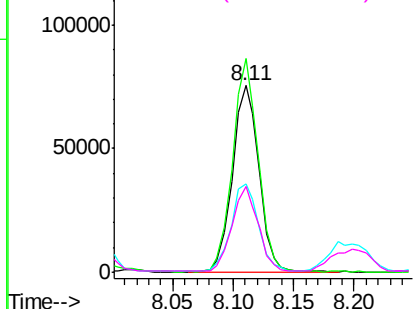
#17
2-Methylphenol
Concen: 6.359 ng
RT: 8.11 min Scan# 871
Delta R.T. -0.01 min
Lab File: BM017213.D
Acq: 19 Oct 2018 03:22

Instrument :
BNA_M
ClientSampleId :
PB113953BS

Tgt Ion:	107	Resp:	115819
Ion	Ratio	Lower	Upper
107	100		
108	114.4	90.3	135.5
77	47.2	37.0	55.4
79	46.3	35.8	53.6

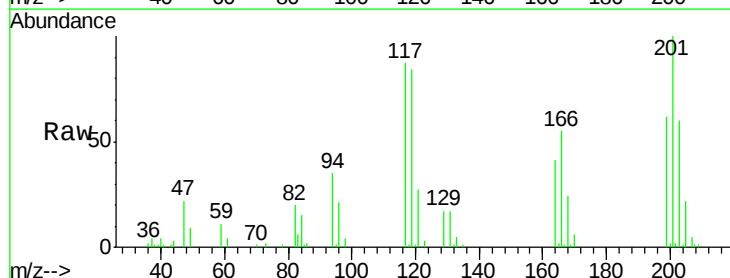


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

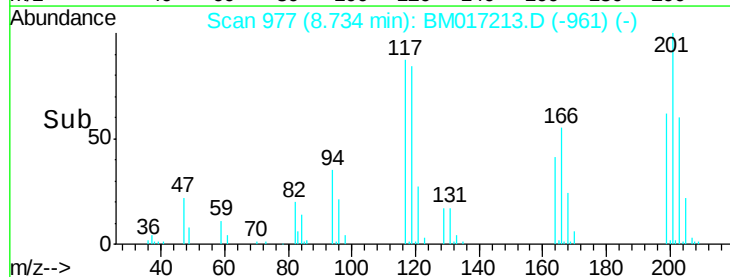
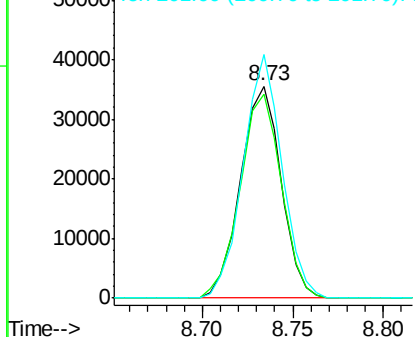


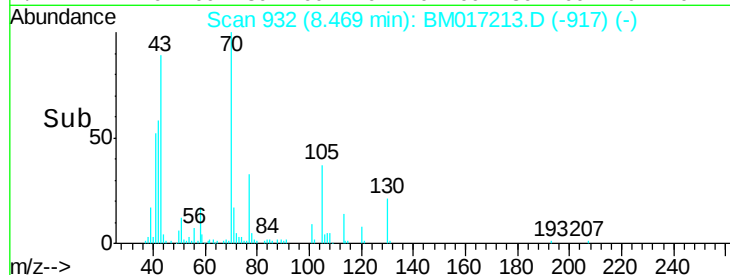
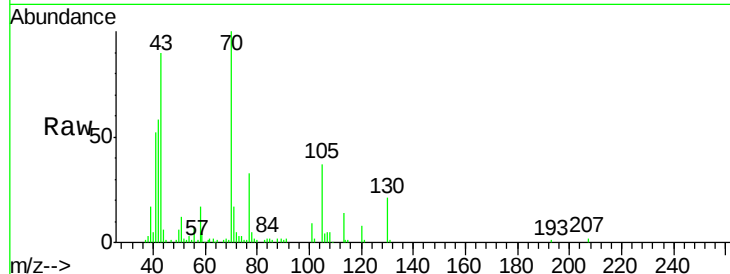
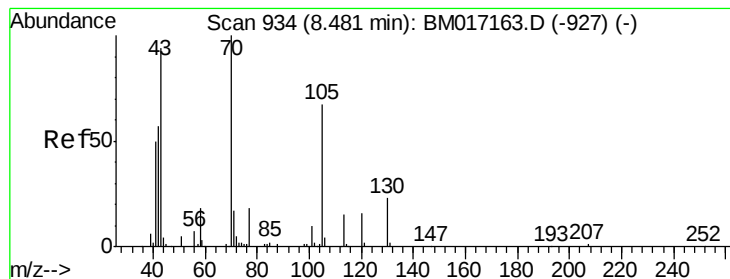
#18
Hexachloroethane
Concen: 6.059 ng
RT: 8.73 min Scan# 977
Delta R.T. -0.01 min
Lab File: BM017213.D
Acq: 19 Oct 2018 03:22

Tgt Ion:	117	Resp:	55310
Ion	Ratio	Lower	Upper
117	100		
119	96.2	78.2	117.2
201	114.9	85.3	127.9



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 5.842 ng

RT: 8.47 min Scan# 932

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

Instrument :

BNA_M

ClientSampleId :

PB113953BS

Tgt Ion: 70 Resp: 101415

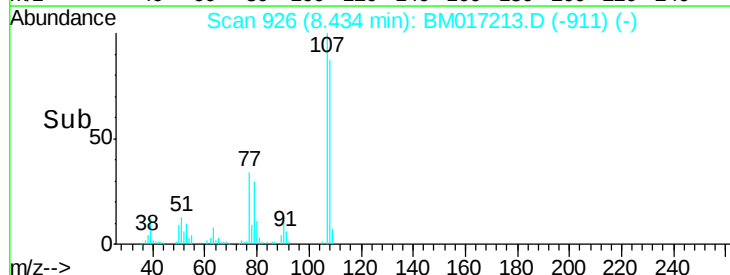
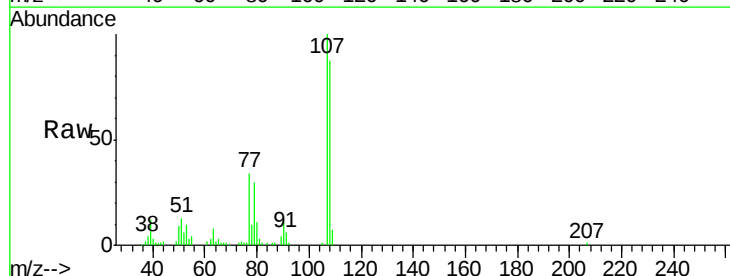
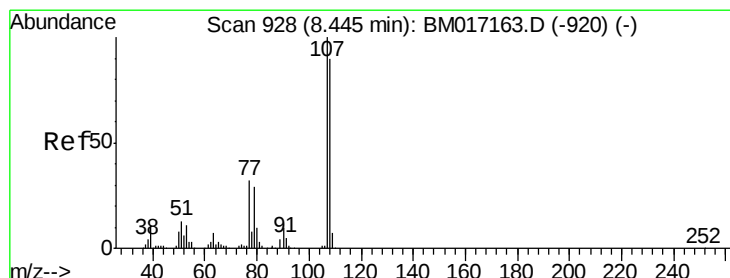
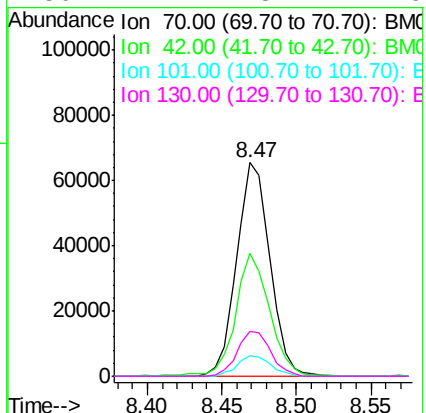
Ion Ratio Lower Upper

70 100

42 57.7 46.1 69.1

101 9.4 8.2 12.4

130 21.1 18.4 27.6



#20

3+4-Methylphenols

Concen: 6.187 ng

RT: 8.43 min Scan# 926

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

Tgt Ion: 107 Resp: 154112

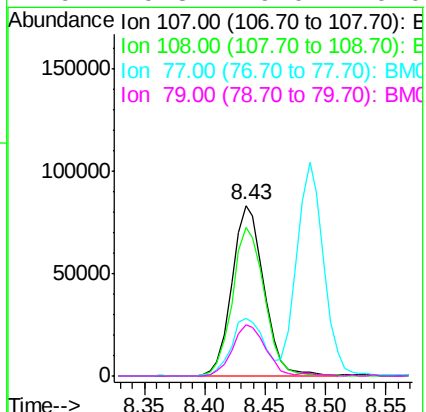
Ion Ratio Lower Upper

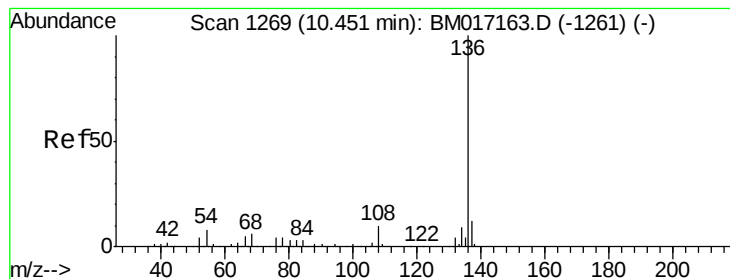
107 100

108 87.4 69.9 109.9

77 34.2 12.2 52.2

79 29.8 9.0 49.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

Instrument :

BNA_M

ClientSampleId :

PB113953BS

Tgt Ion:136 Resp: 1397668

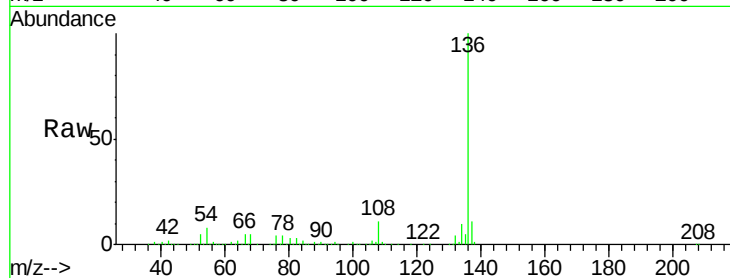
Ion Ratio Lower Upper

136 100

137 10.6 9.2 13.8

54 7.6 6.7 10.1

68 5.4 4.7 7.1

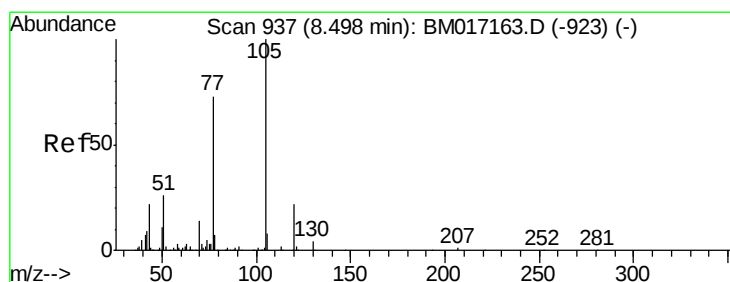
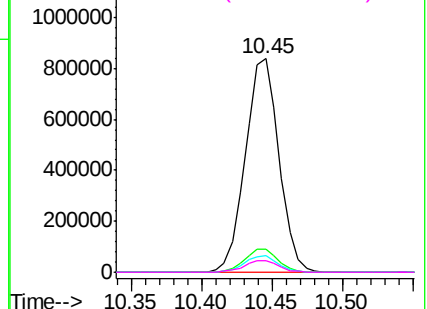
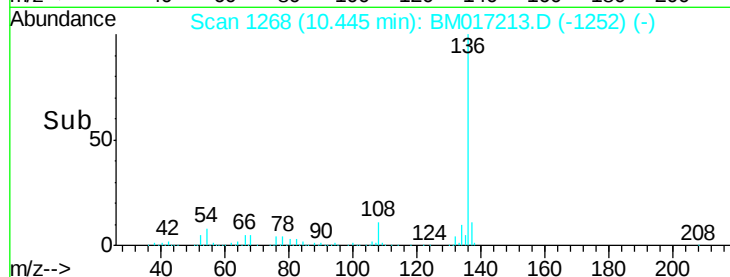


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 5.951 ng

RT: 8.49 min Scan# 935

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

Tgt Ion:105 Resp: 210823

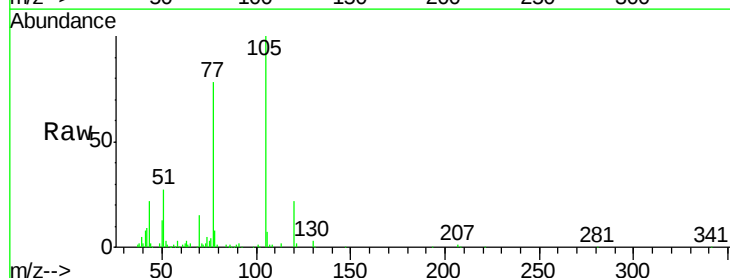
Ion Ratio Lower Upper

105 100

71 2.1 2.0 3.0

51 27.2 20.6 31.0

120 21.8 17.5 26.3

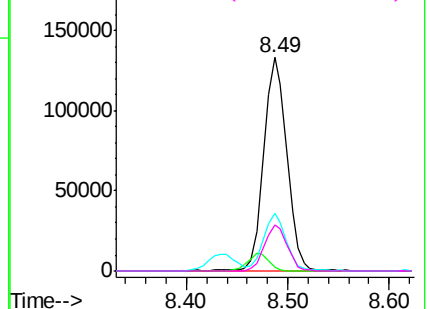
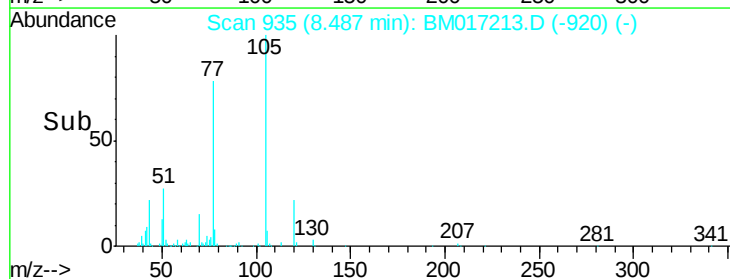


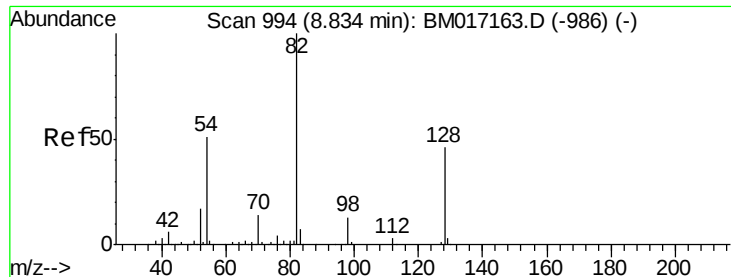
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

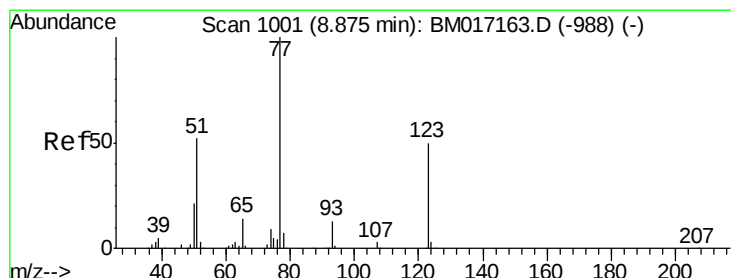
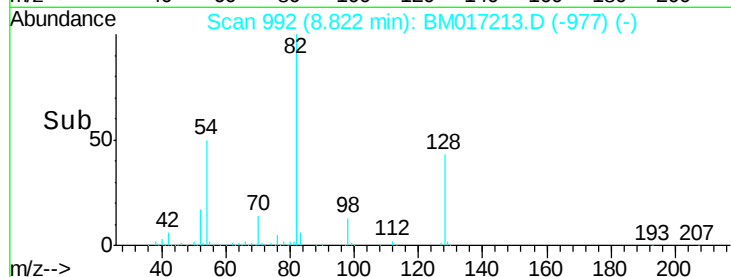
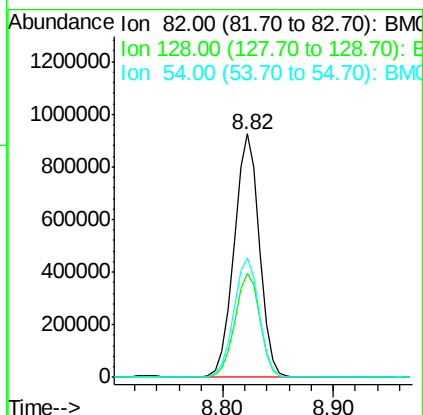
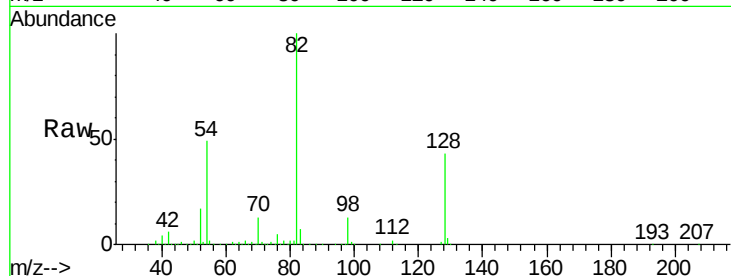




#23
 Nitrobenzene-d5
 Concen: 61.986 ng
 RT: 8.82 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BM017213.D
 Acq: 19 Oct 2018 03:22

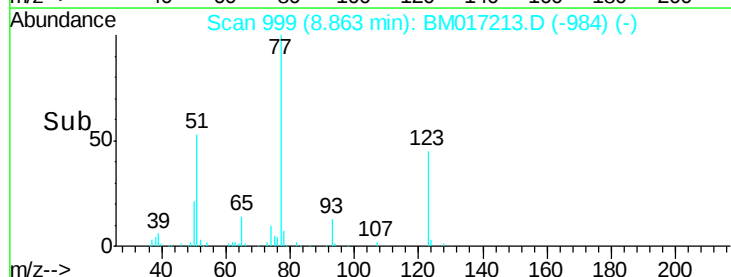
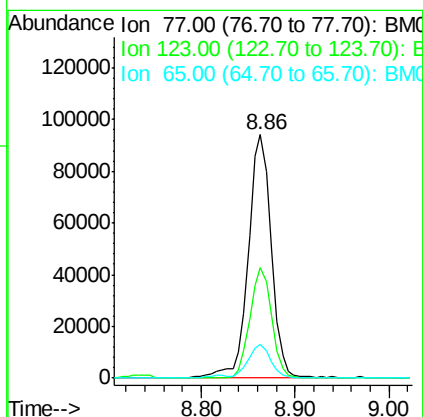
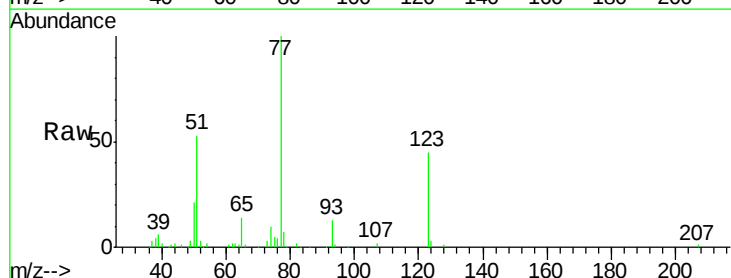
Instrument :
 BNA_M
 ClientSampleId :
 PB113953BS

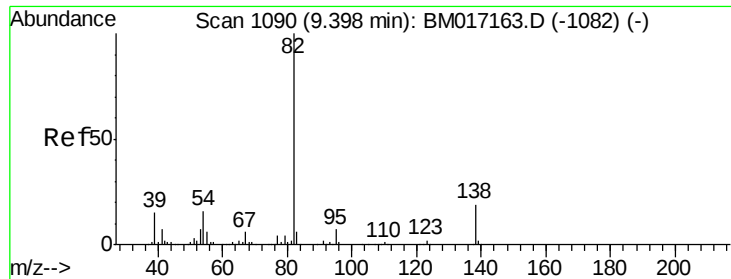
Tgt Ion: 82 Resp: 1481326
 Ion Ratio Lower Upper
 82 100
 128 42.5 37.0 55.6
 54 49.2 40.7 61.1



#24
 Nitrobenzene
 Concen: 6.332 ng
 RT: 8.86 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BM017213.D
 Acq: 19 Oct 2018 03:22

Tgt Ion: 77 Resp: 160065
 Ion Ratio Lower Upper
 77 100
 123 45.1 40.2 60.4
 65 13.7 11.4 17.0

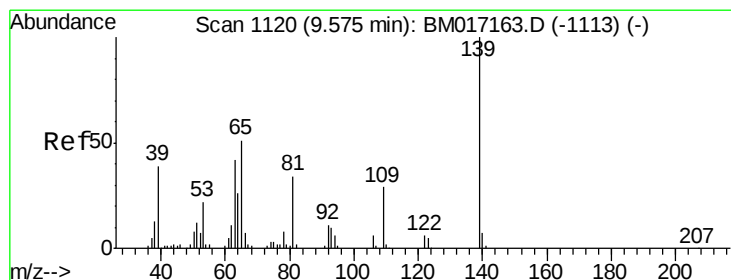
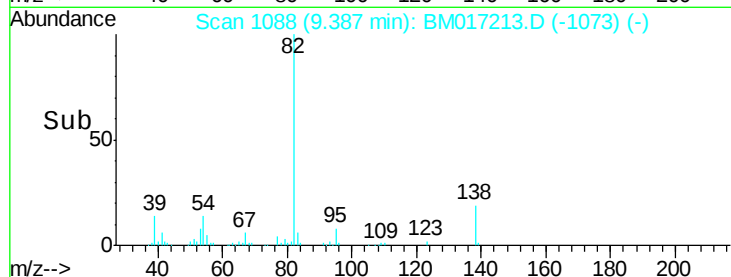
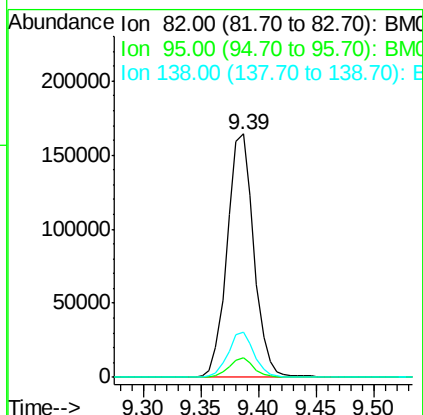
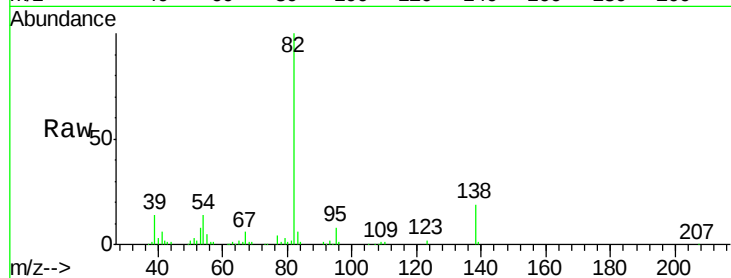




#25
Isophorone
Concen: 6.684 ng
RT: 9.39 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BM017213.D
Acq: 19 Oct 2018 03:22

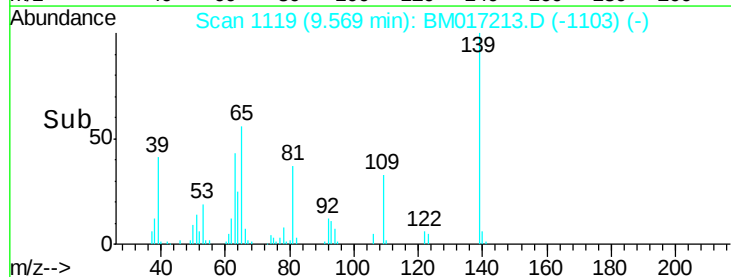
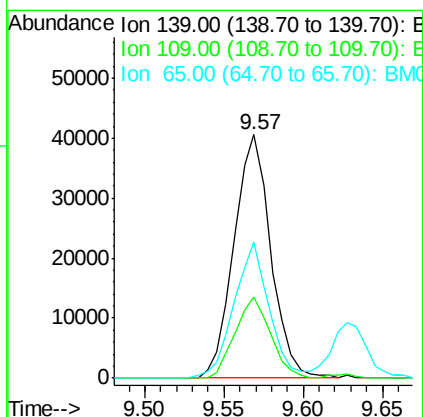
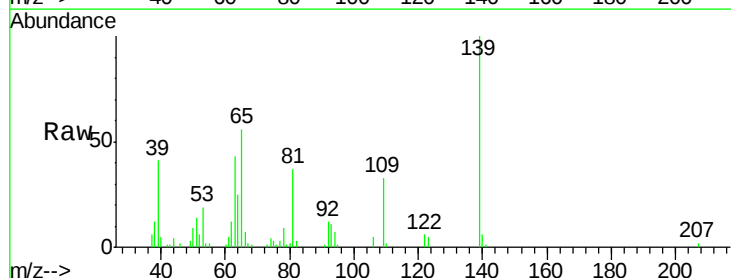
Instrument :
BNA_M
ClientSampleId :
PB113953BS

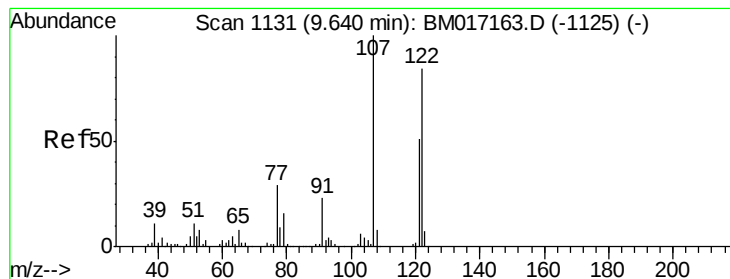
Tgt Ion: 82 Resp: 263759
Ion Ratio Lower Upper
82 100
95 7.9 6.0 9.0
138 18.5 15.4 23.2



#26
2-Nitrophenol
Concen: 10.558 ng
RT: 9.57 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BM017213.D
Acq: 19 Oct 2018 03:22

Tgt Ion: 139 Resp: 65174
Ion Ratio Lower Upper
139 100
109 33.1 23.2 34.8
65 56.1 40.6 61.0





#27

2,4-Dimethylphenol

Concen: 7.309 ng

RT: 9.63 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

Instrument :

BNA_M

ClientSampleId :

PB113953BS

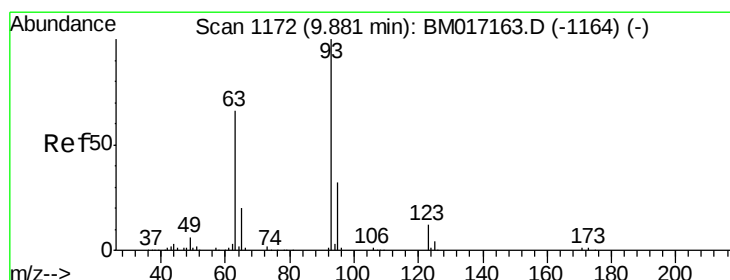
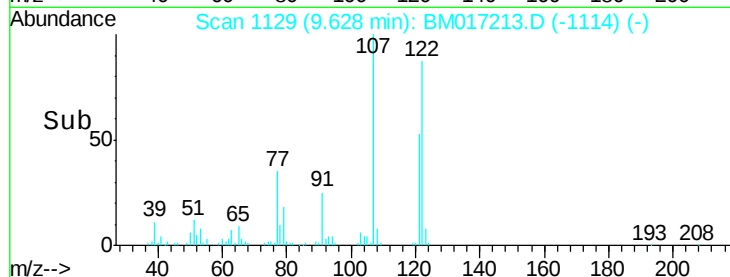
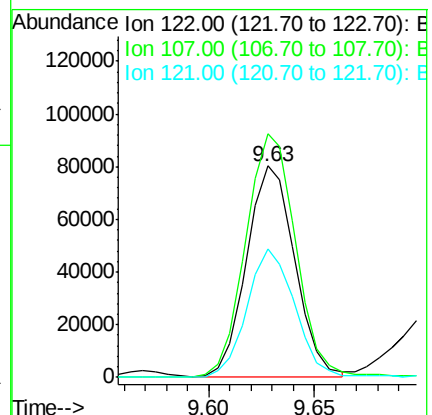
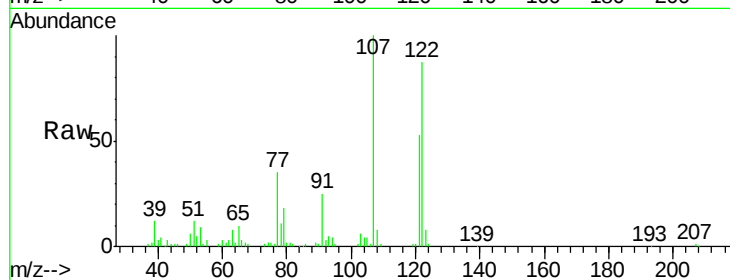
Tgt Ion:122 Resp: 127537

Ion Ratio Lower Upper

122 100

107 115.1 95.0 142.6

121 60.4 48.2 72.4



#28

bis(2-Chloroethoxy)methane

Concen: 6.287 ng

RT: 9.87 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

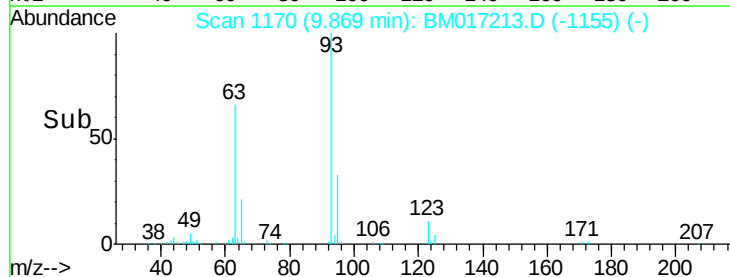
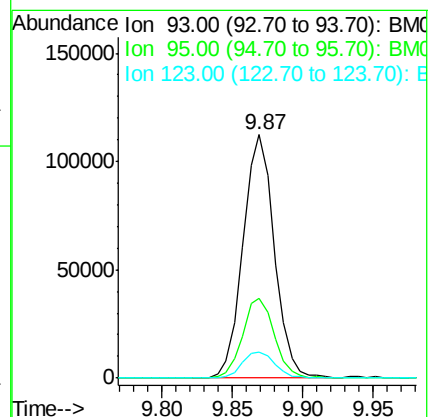
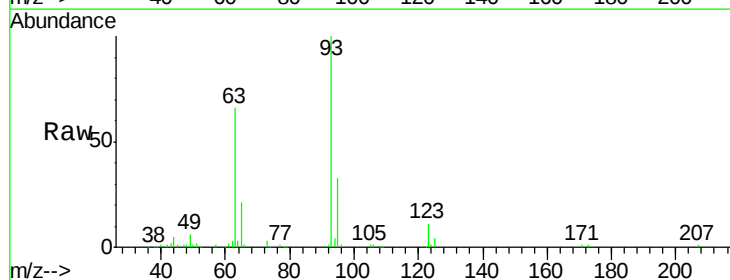
Tgt Ion: 93 Resp: 174610

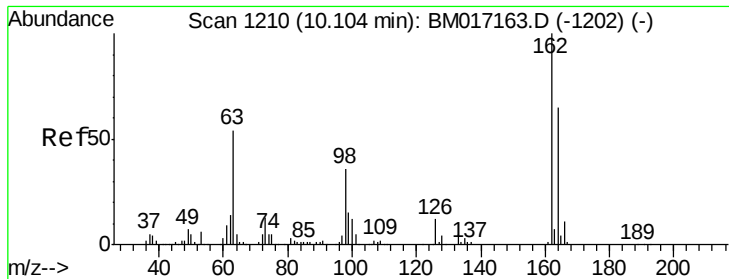
Ion Ratio Lower Upper

93 100

95 32.9 25.7 38.5

123 10.8 9.4 14.0

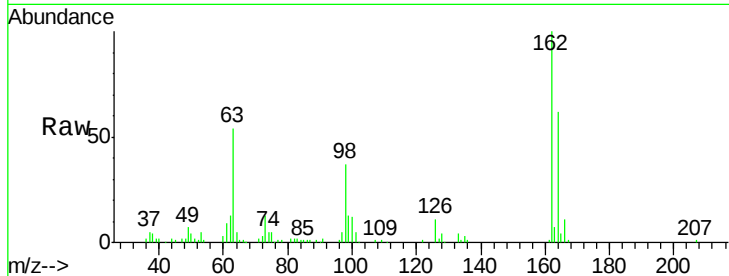




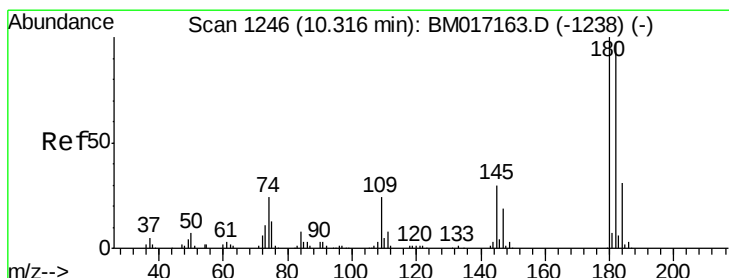
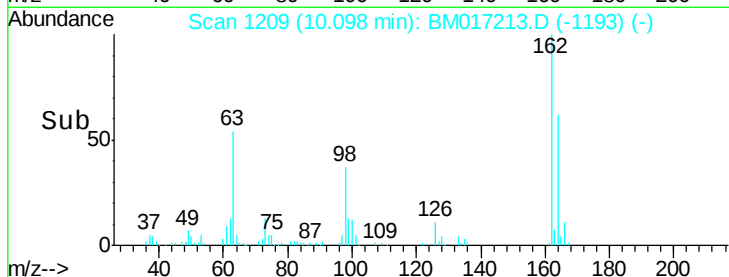
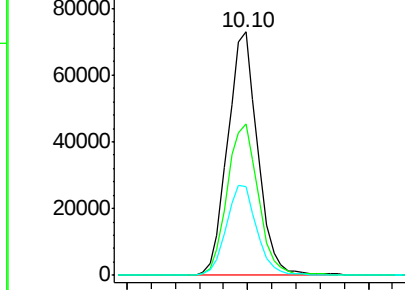
#29
2,4-Dichlorophenol
Concen: 6.231 ng
RT: 10.10 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BM017213.D
Acq: 19 Oct 2018 03:22

Instrument :
BNA_M
ClientSampleId :
PB113953BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.0	44.9	84.9
98	36.5	15.8	55.8

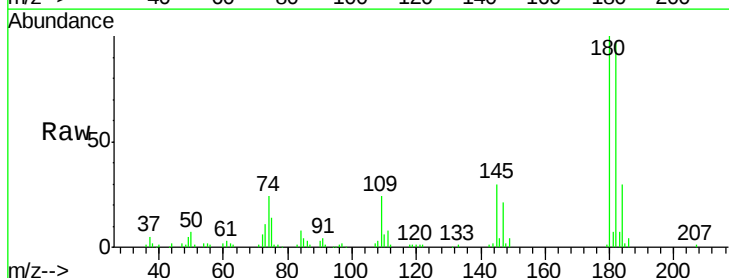


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BM

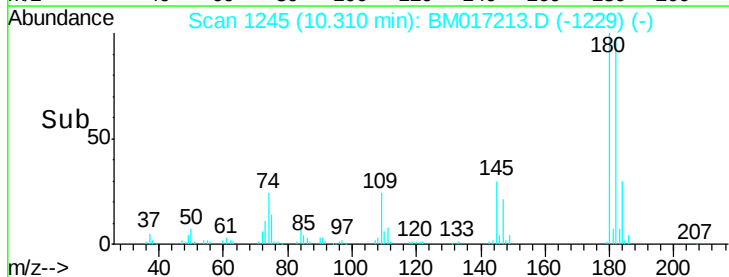
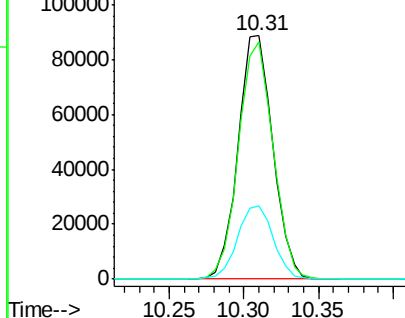


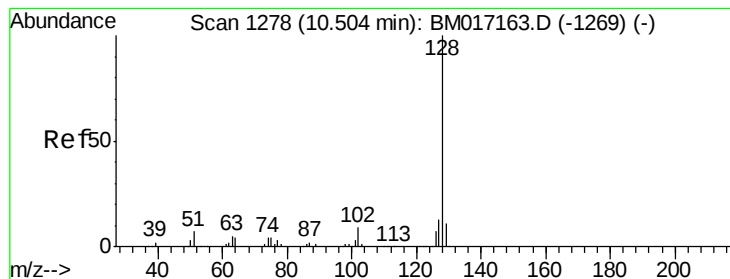
#30
1,2,4-Trichlorobenzene
Concen: 5.918 ng
RT: 10.31 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BM017213.D
Acq: 19 Oct 2018 03:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	77.5	116.3
145	30.1	24.0	36.0



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

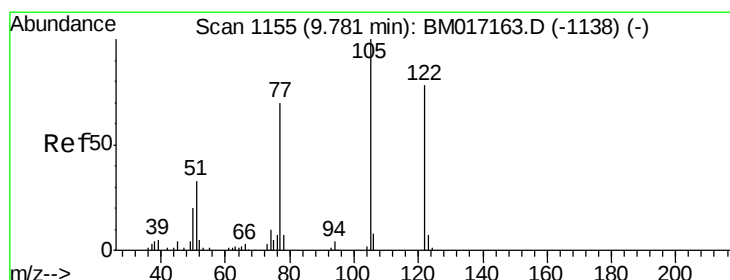
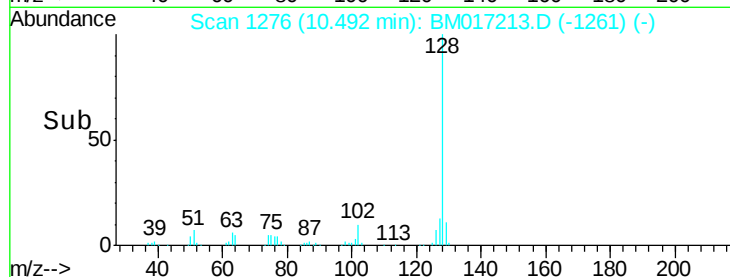
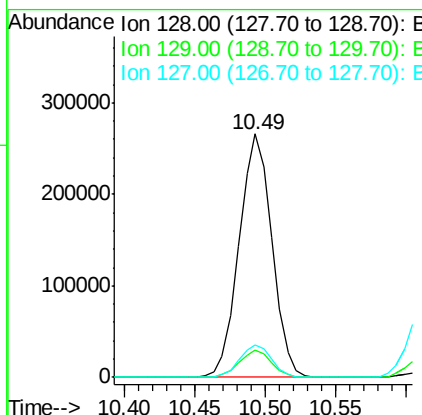
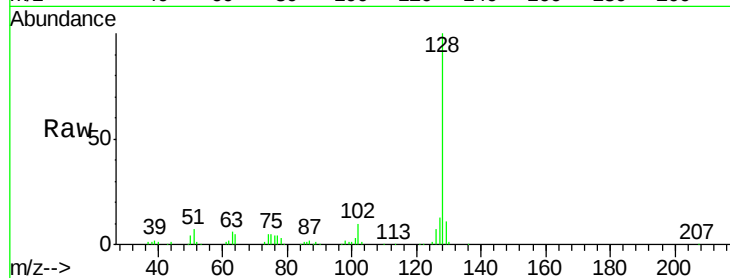




#31
Naphthalene
Concen: 6.307 ng
RT: 10.49 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BM017213.D
Acq: 19 Oct 2018 03:22

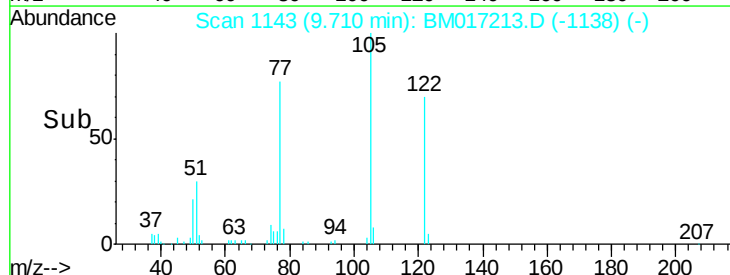
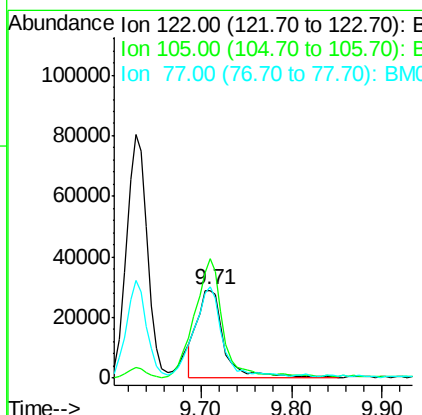
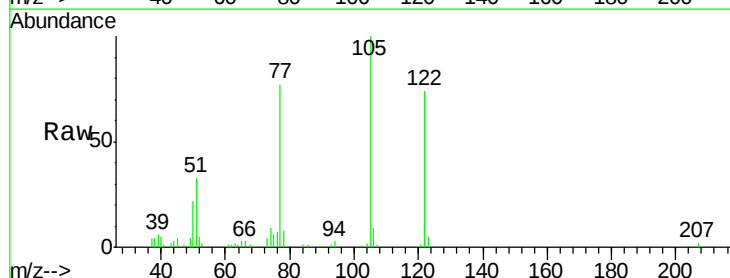
Instrument :
BNA_M
ClientSampleId :
PB113953BS

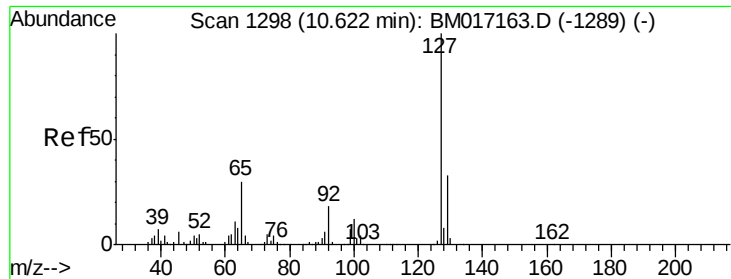
Tgt Ion:128 Resp: 432005
Ion Ratio Lower Upper
128 100
129 11.3 8.5 12.7
127 13.1 10.3 15.5



#32
Benzoic acid
Concen: 4.509 ng
RT: 9.71 min Scan# 1143
Delta R.T. -0.07 min
Lab File: BM017213.D
Acq: 19 Oct 2018 03:22

Tgt Ion:122 Resp: 58711
Ion Ratio Lower Upper
122 100
105 135.3 102.0 142.0
77 104.4 67.7 107.7

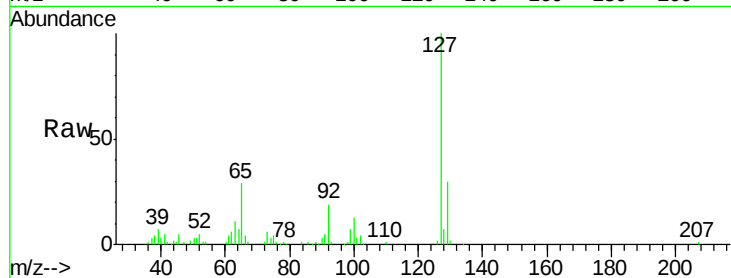




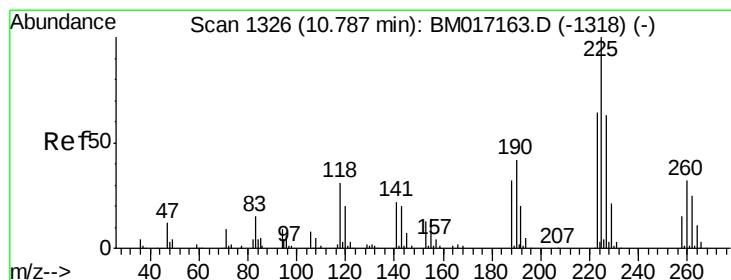
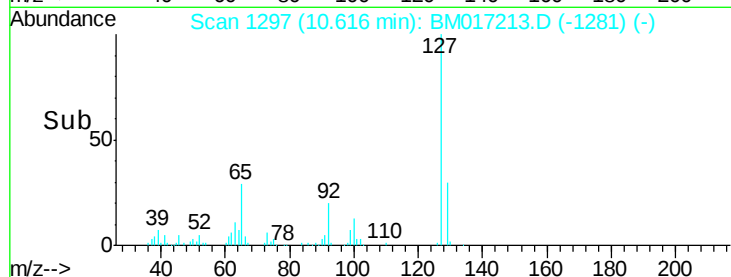
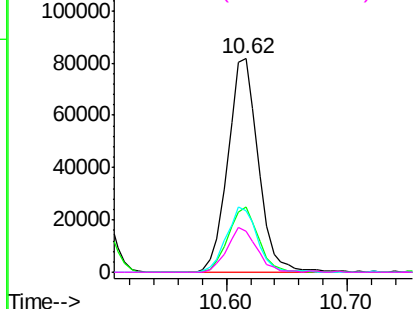
#33
4-Chloroaniline
Concen: 4.857 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM017213.D
Acq: 19 Oct 2018 03:22

Instrument :
BNA_M
ClientSampleId :
PB113953BS

Tgt Ion:	127	Resp:	143670
Ion	Ratio	Lower	Upper
127	100		
129	30.4	26.2	39.4
65	28.8	23.7	35.5
92	19.4	14.3	21.5

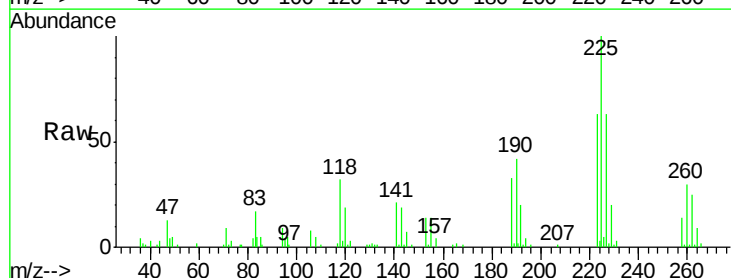


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

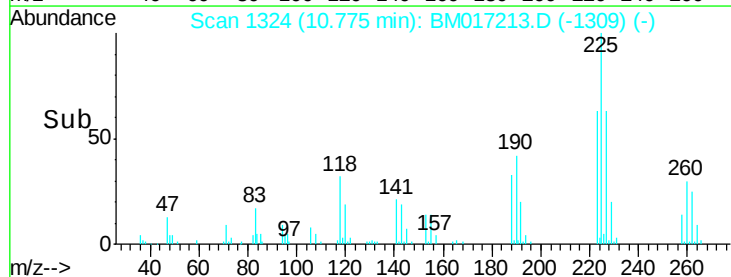
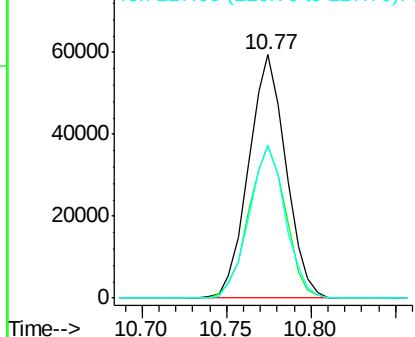


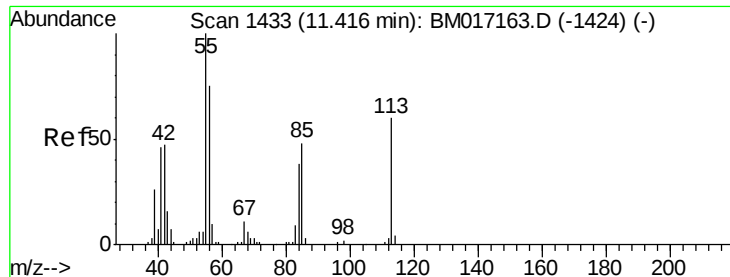
#34
Hexachlorobutadiene
Concen: 5.931 ng
RT: 10.77 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BM017213.D
Acq: 19 Oct 2018 03:22

Tgt Ion:	225	Resp:	91338
Ion	Ratio	Lower	Upper
225	100		
223	62.6	51.0	76.6
227	62.6	50.8	76.2



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: 4.469 ng

RT: 11.40 min Scan# 1430

Delta R.T. -0.02 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

Instrument :

BNA_M

ClientSampleId :

PB113953BS

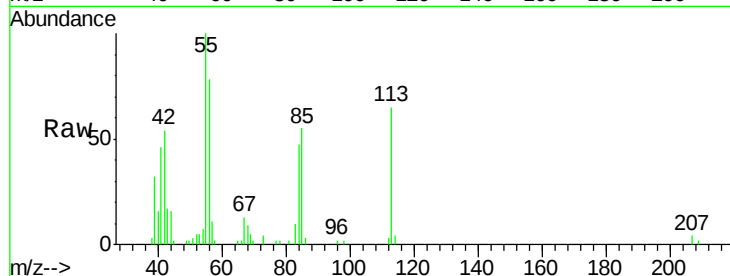
Tgt Ion:113 Resp: 32993

Ion Ratio Lower Upper

113 100

55 154.3 147.0 187.0

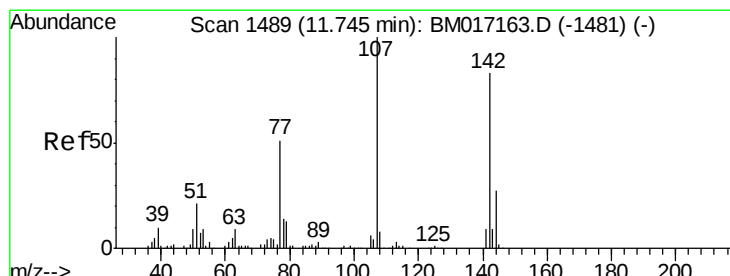
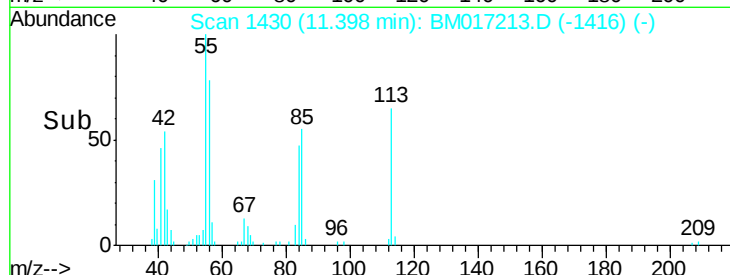
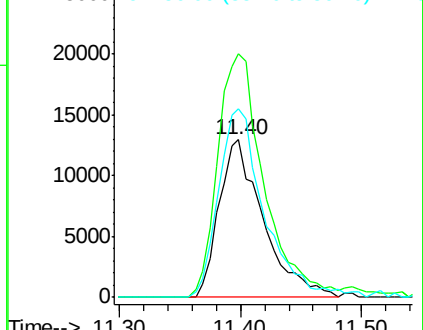
56 119.9 104.5 144.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 6.005 ng

RT: 11.73 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

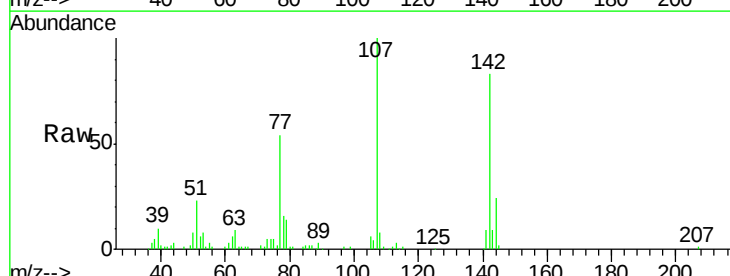
Tgt Ion:107 Resp: 137138

Ion Ratio Lower Upper

107 100

144 24.1 21.6 32.4

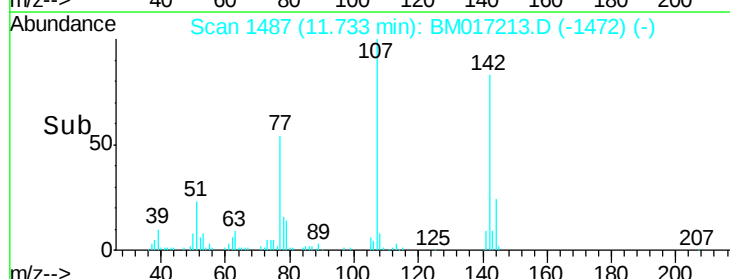
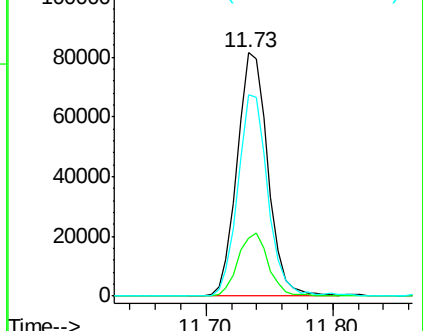
142 82.8 66.0 99.0

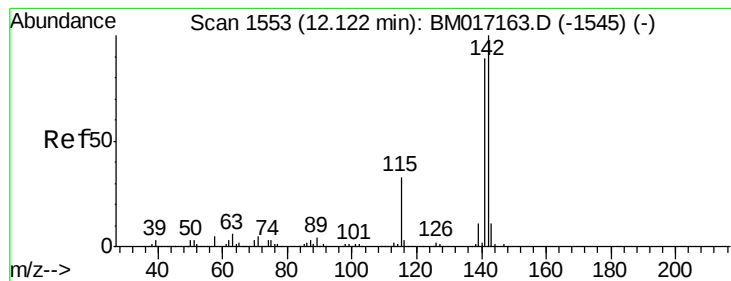


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 6.772 ng

RT: 12.11 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

Instrument :

BNA_M

ClientSampleId :

PB113953BS

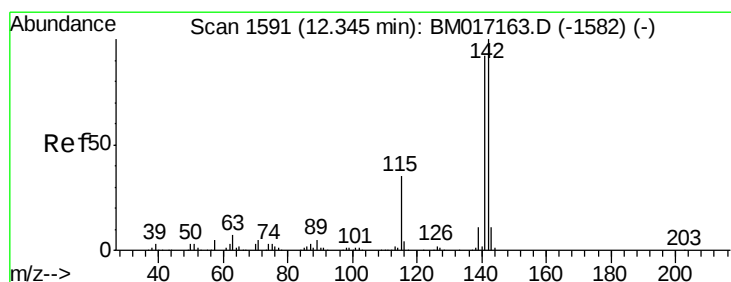
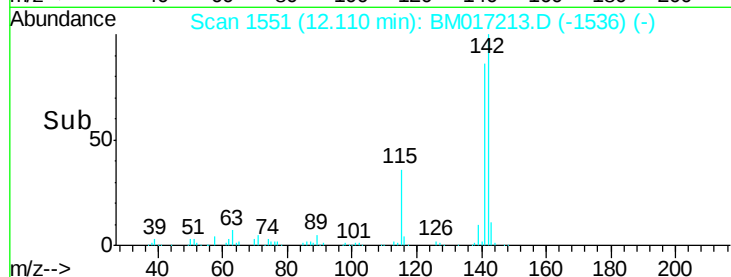
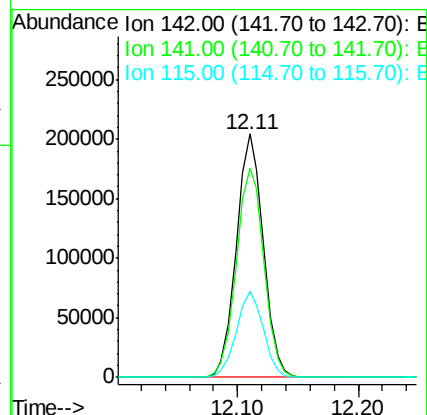
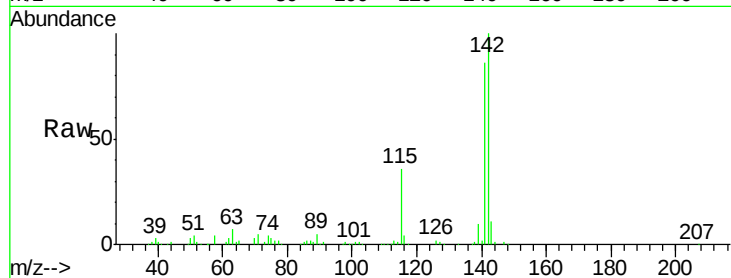
Tgt Ion:142 Resp: 317422

Ion Ratio Lower Upper

142 100

141 86.0 70.9 106.3

115 35.6 26.4 39.6



#38

1-Methylnaphthalene

Concen: 6.661 ng

RT: 12.33 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

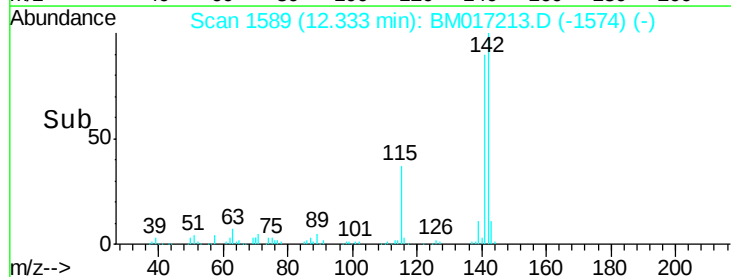
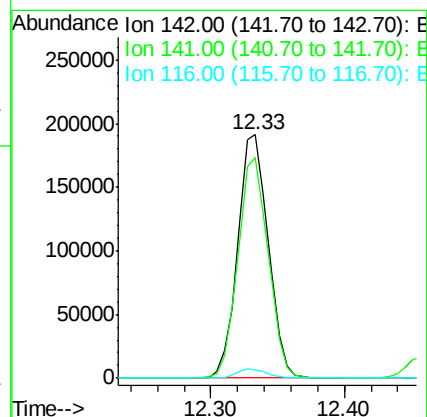
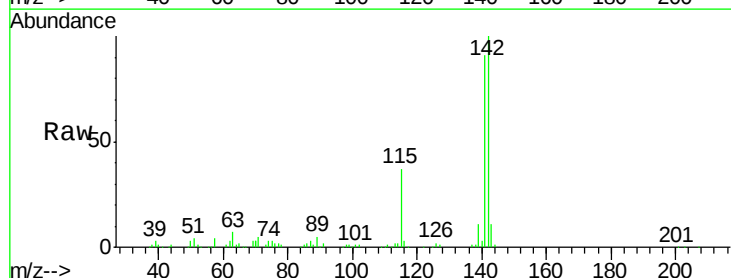
Tgt Ion:142 Resp: 303880

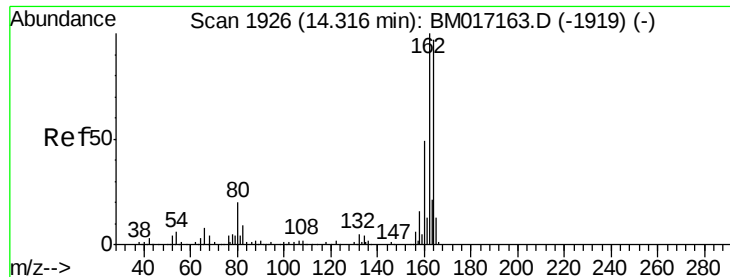
Ion Ratio Lower Upper

142 100

141 90.6 73.8 110.6

116 3.4 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.31 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

Instrument :

BNA_M

ClientSampleId :

PB113953BS

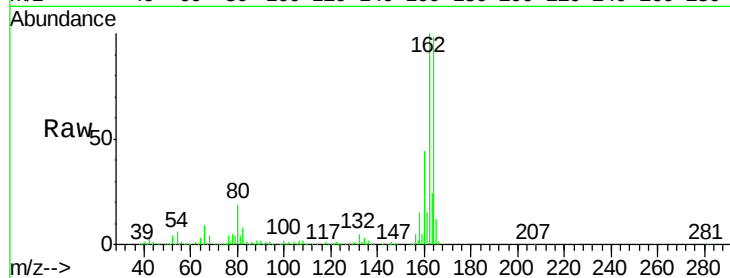
Tgt Ion:164 Resp: 807933

Ion Ratio Lower Upper

164 100

162 101.8 82.1 123.1

160 45.1 40.2 60.2

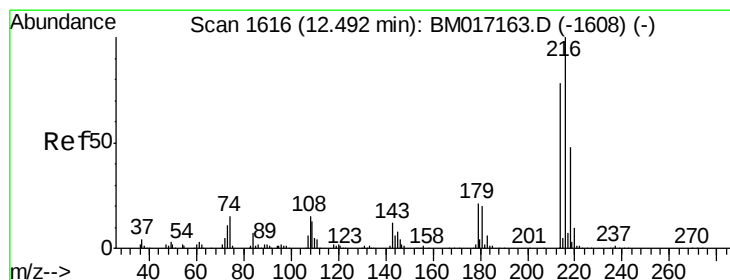
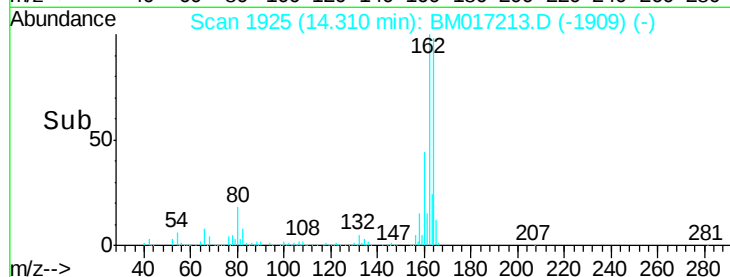
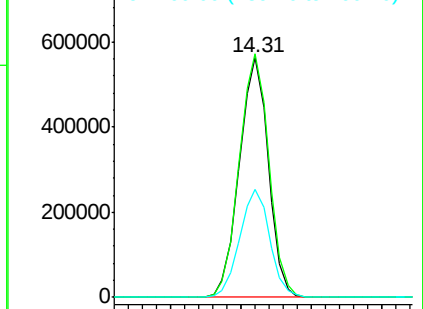


Abundance

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: 5.903 ng

RT: 12.48 min Scan# 1614

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

Tgt Ion:216 Resp: 167969

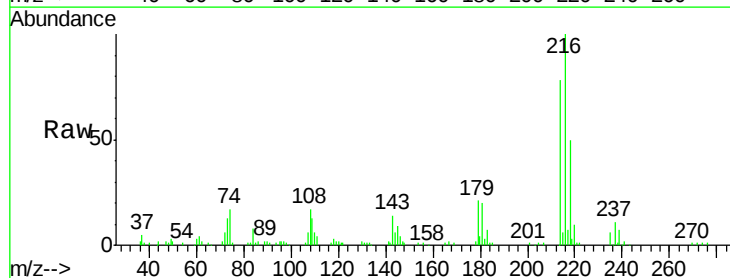
Ion Ratio Lower Upper

216 100

214 76.4 62.6 93.8

179 20.5 16.6 24.8

108 19.5 13.5 20.3



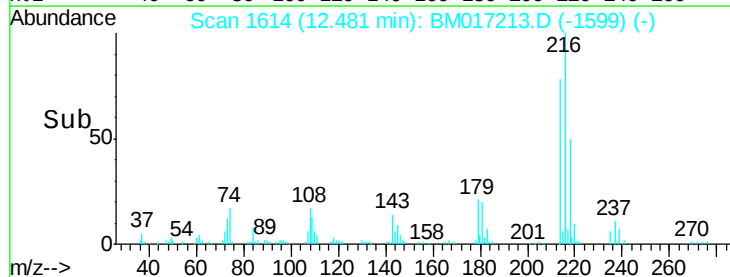
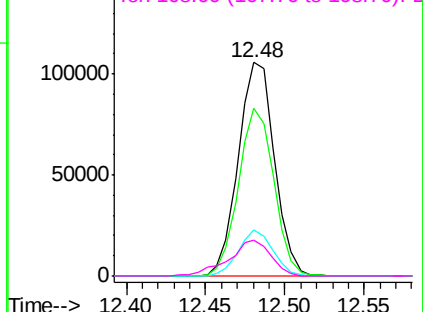
Abundance

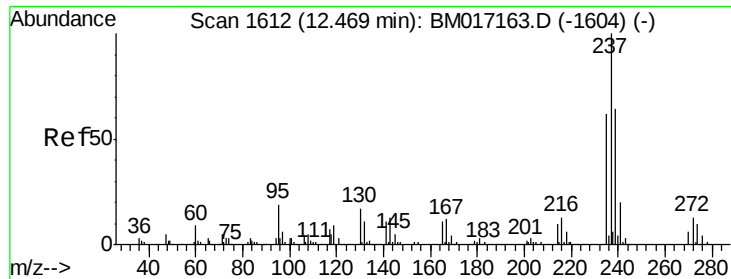
Ion 216.00 (215.70 to 216.70): E

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: 15.496 ng

RT: 12.46 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

Instrument :

BNA_M

ClientSampleId :

PB113953BS

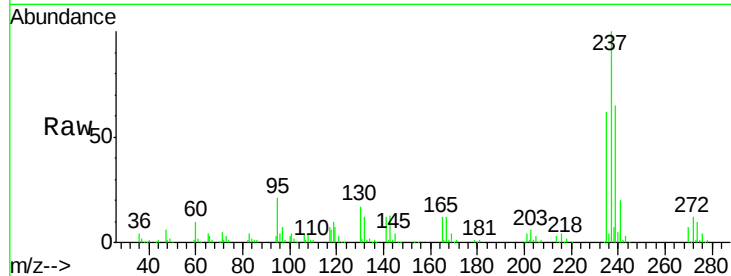
Tgt Ion:237 Resp: 213153

Ion Ratio Lower Upper

237 100

235 61.6 42.4 82.4

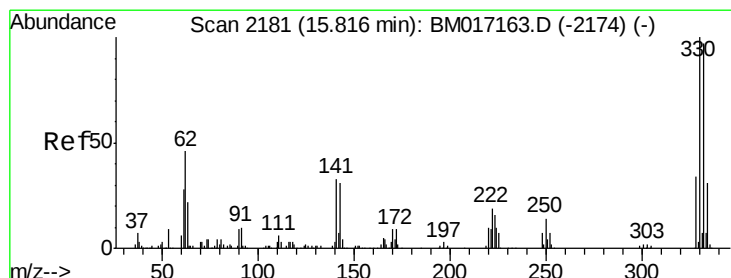
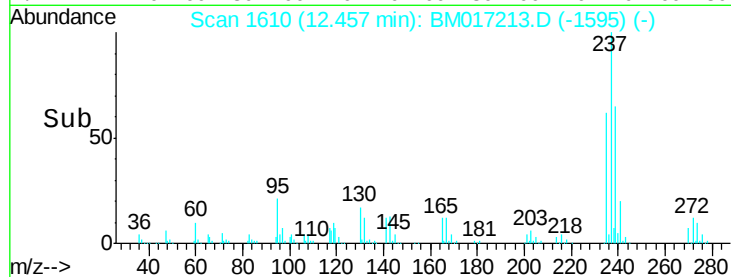
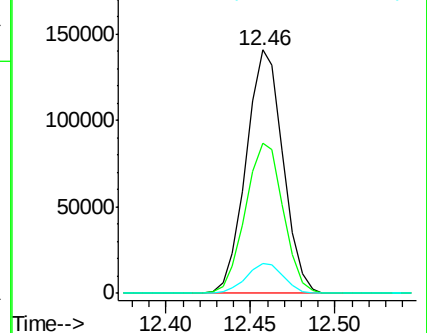
272 12.2 0.0 33.0



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: 122.166 ng

RT: 15.80 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

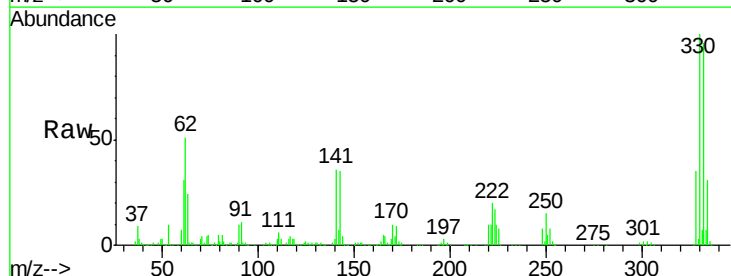
Tgt Ion:330 Resp: 1334797

Ion Ratio Lower Upper

330 100

332 96.8 77.3 115.9

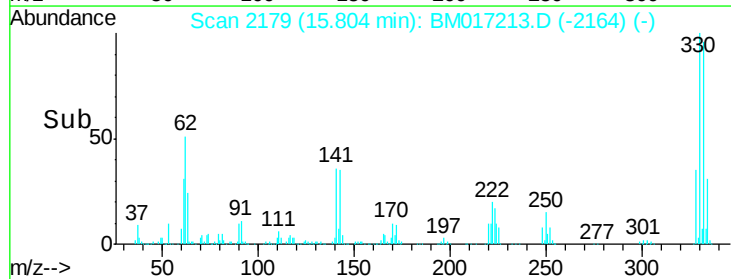
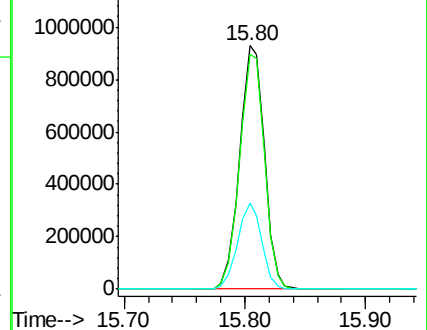
141 34.5 27.4 41.0

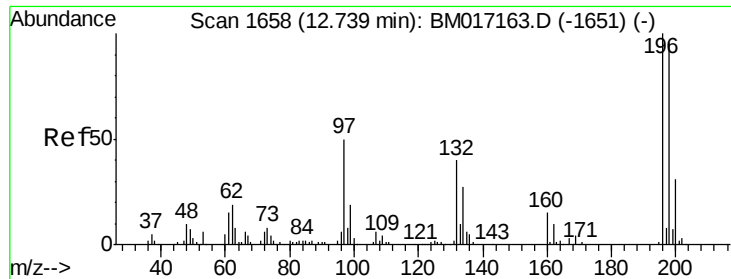


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

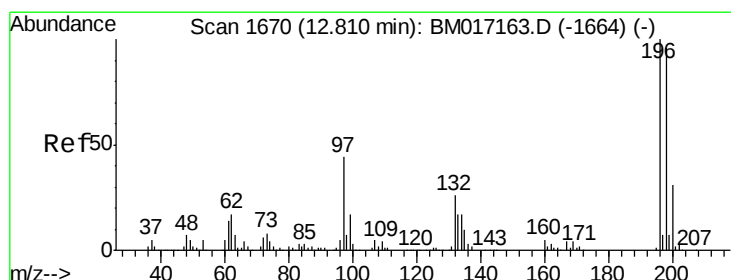
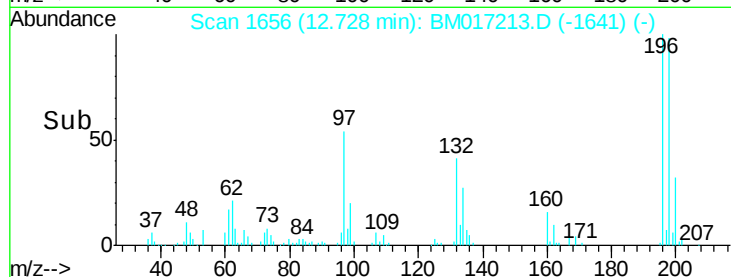
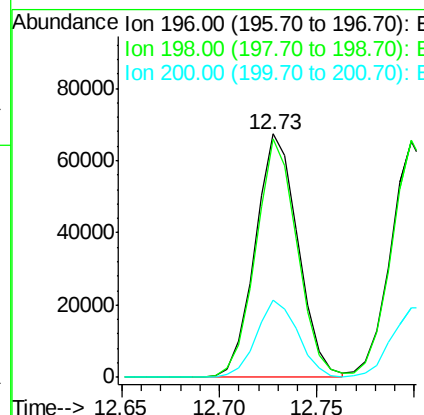
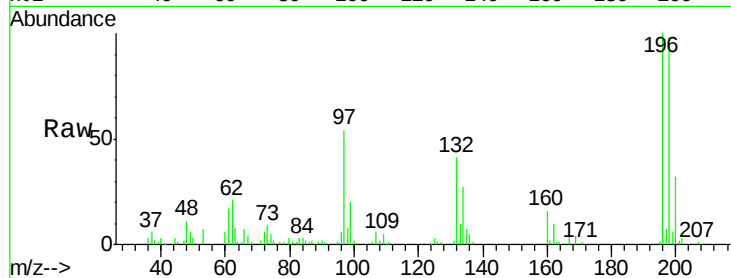




#43
 2,4,6-Trichlorophenol
 Concen: 6.199 ng
 RT: 12.73 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BM017213.D
 Acq: 19 Oct 2018 03:22

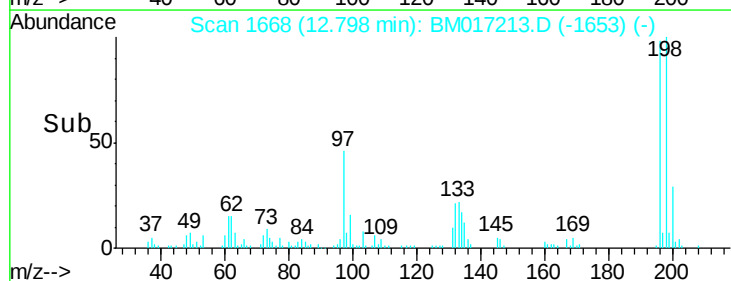
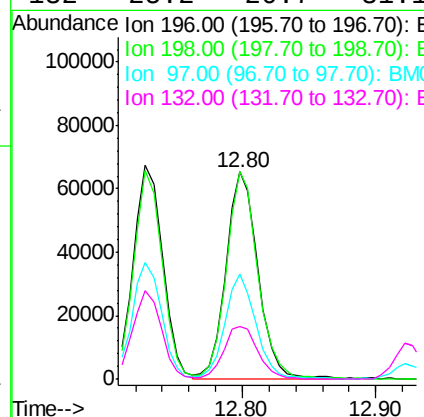
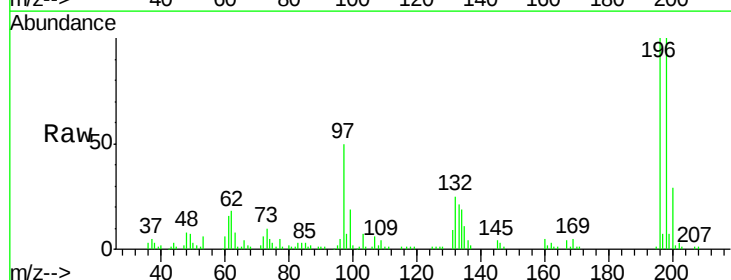
Instrument :
 BNA_M
 ClientSampleId :
 PB113953BS

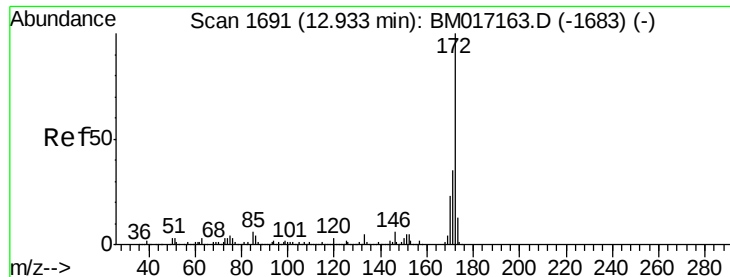
Tgt Ion:196 Resp: 102392
 Ion Ratio Lower Upper
 196 100
 198 97.8 77.1 115.7
 200 31.7 25.0 37.4



#44
 2,4,5-Trichlorophenol
 Concen: 6.196 ng
 RT: 12.80 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM017213.D
 Acq: 19 Oct 2018 03:22

Tgt Ion:196 Resp: 109734
 Ion Ratio Lower Upper
 196 100
 198 100.4 76.6 115.0
 97 50.7 35.5 53.3
 132 25.2 20.7 31.1

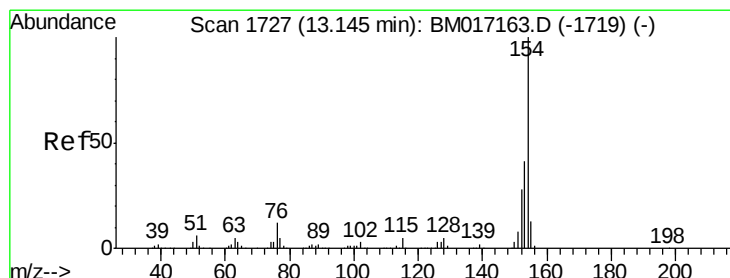
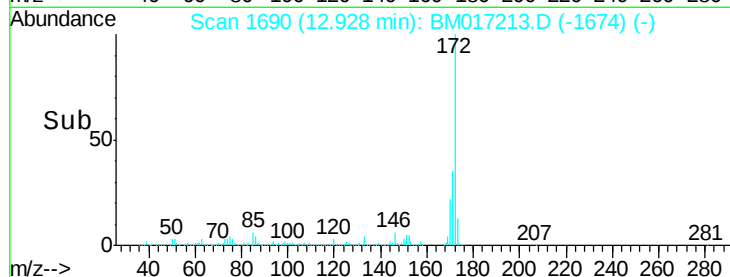
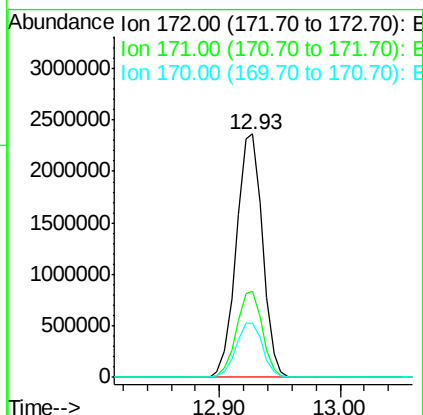
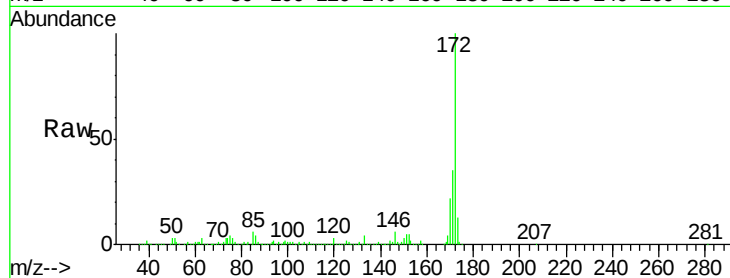




#45
2-Fluorobiphenyl
Concen: 58.833 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BM017213.D
Acq: 19 Oct 2018 03:22

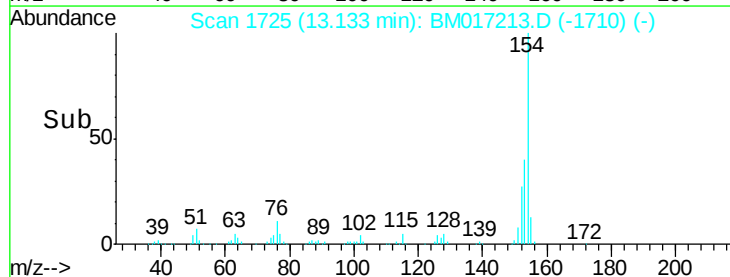
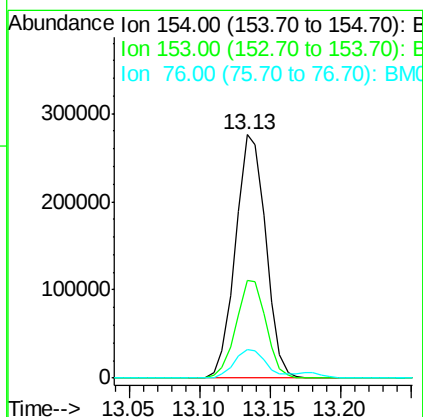
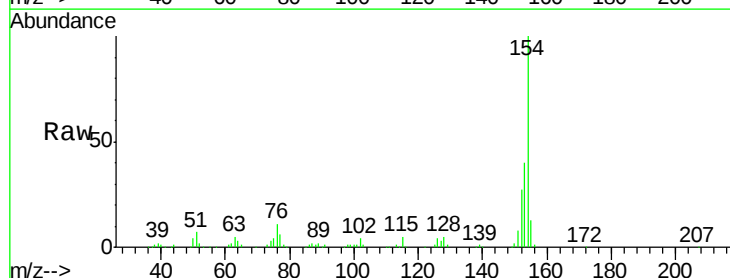
Instrument :
BNA_M
ClientSampleId :
PB113953BS

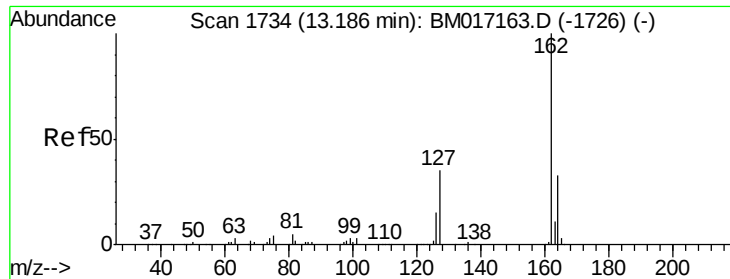
Tgt Ion:172 Resp: 3572490
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 22.5 18.3 27.5



#46
1,1'-Biphenyl
Concen: 5.679 ng
RT: 13.13 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BM017213.D
Acq: 19 Oct 2018 03:22

Tgt Ion:154 Resp: 412875
Ion Ratio Lower Upper
154 100
153 40.3 20.5 60.5
76 11.5 0.0 31.8

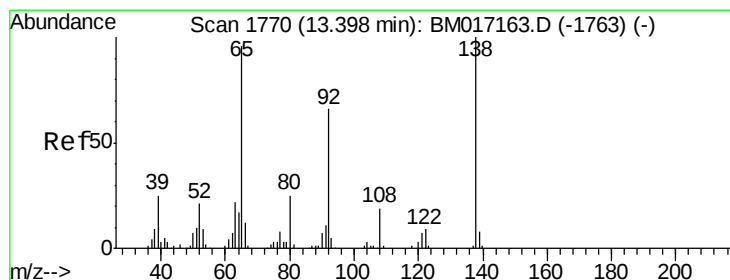
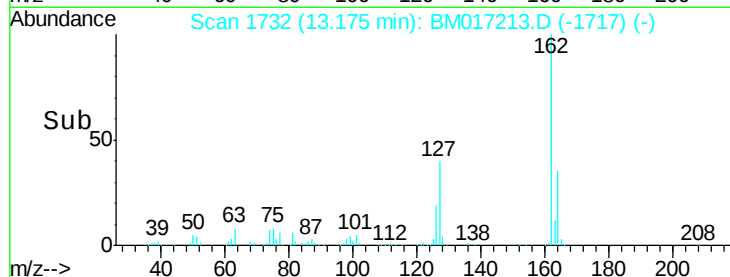
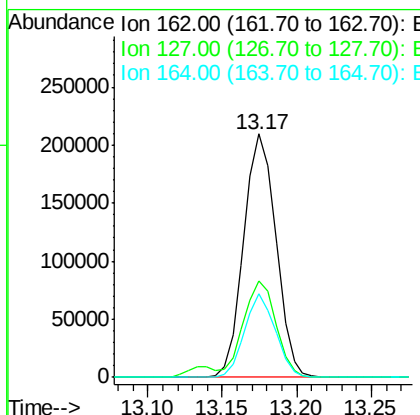
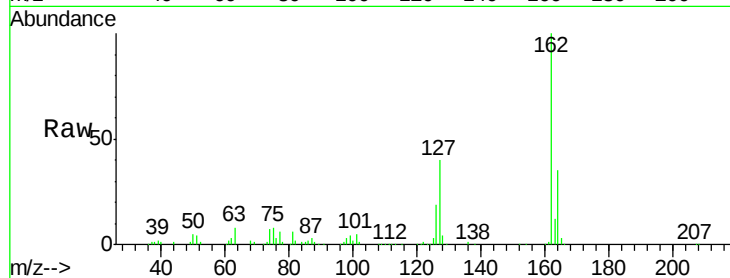




#47
2-Chloronaphthalene
Concen: 5.871 ng
RT: 13.17 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BM017213.D
Acq: 19 Oct 2018 03:22

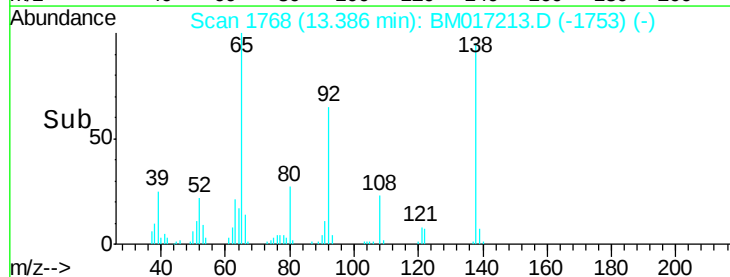
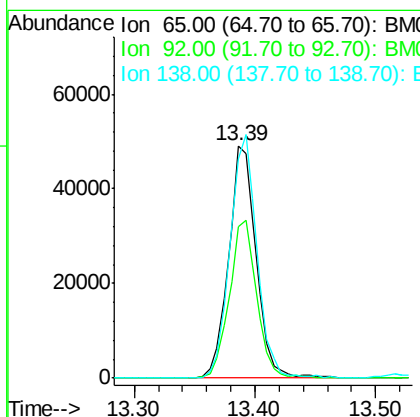
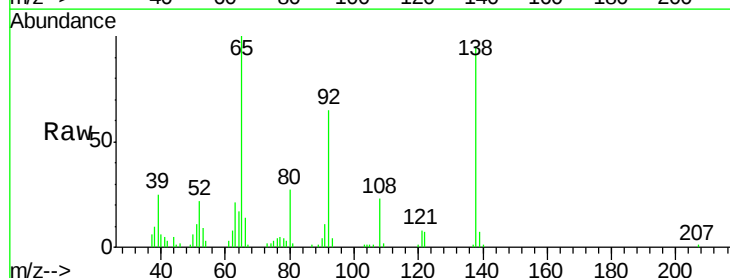
Instrument :
BNA_M
ClientSampleId :
PB113953BS

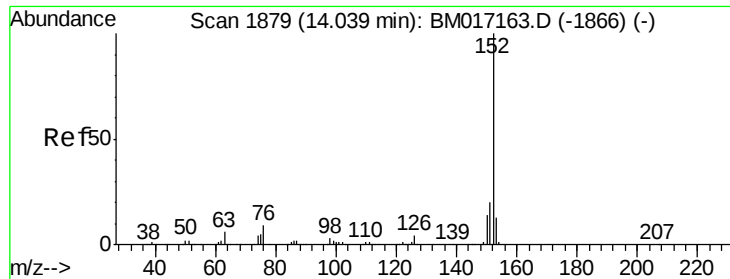
Tgt Ion: 162 Resp: 314036
Ion Ratio Lower Upper
162 100
127 39.5 31.0 46.4
164 34.6 26.6 39.8



#48
2-Nitroaniline
Concen: 10.236 ng
RT: 13.39 min Scan# 1768
Delta R.T. -0.01 min
Lab File: BM017213.D
Acq: 19 Oct 2018 03:22

Tgt Ion: 65 Resp: 77971
Ion Ratio Lower Upper
65 100
92 65.0 54.9 82.3
138 94.6 83.7 125.5





#49

Acenaphthylene

Concen: 6.304 ng

RT: 14.03 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

Instrument :

BNA_M

ClientSampleId :

PB113953BS

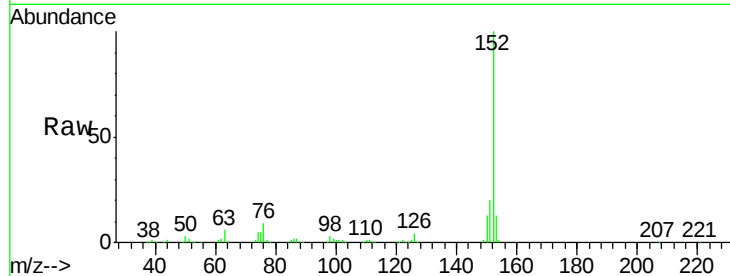
Tgt Ion:152 Resp: 488737

Ion Ratio Lower Upper

152 100

151 19.6 16.0 24.0

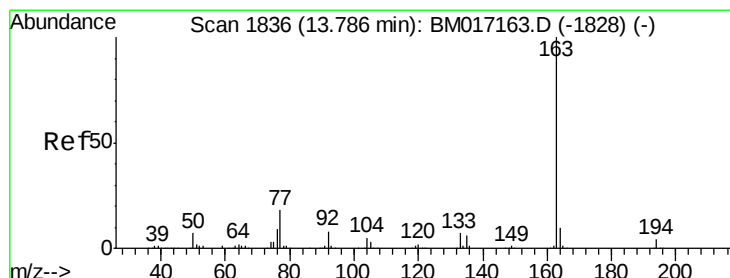
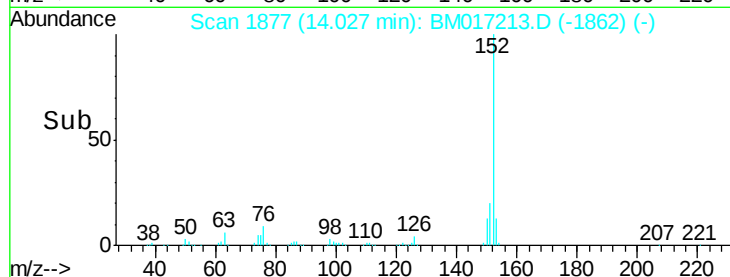
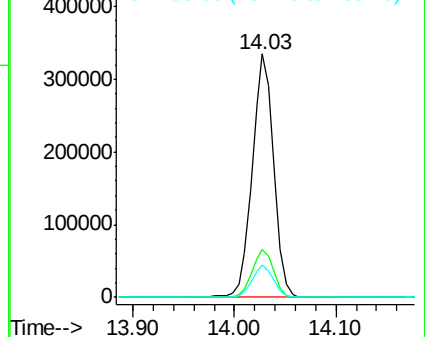
153 13.3 10.4 15.6



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: 6.217 ng

RT: 13.77 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

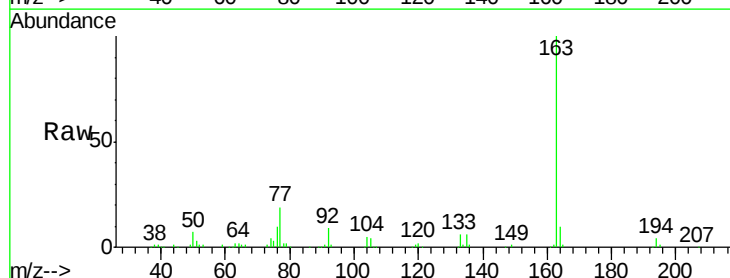
Tgt Ion:163 Resp: 387532

Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

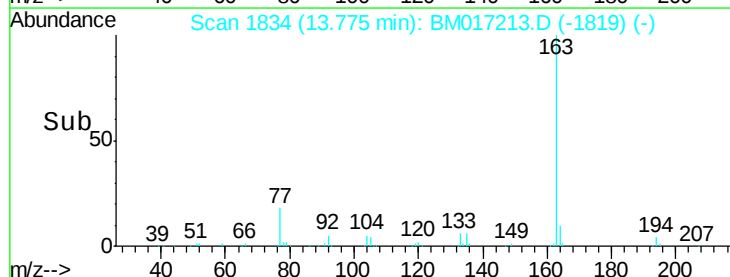
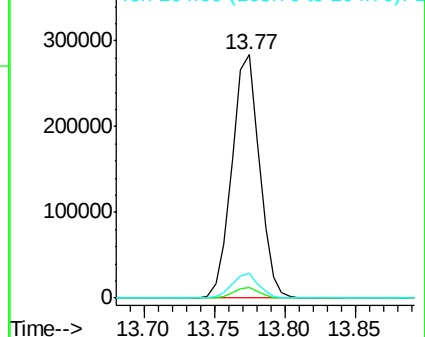
164 10.1 7.8 11.8

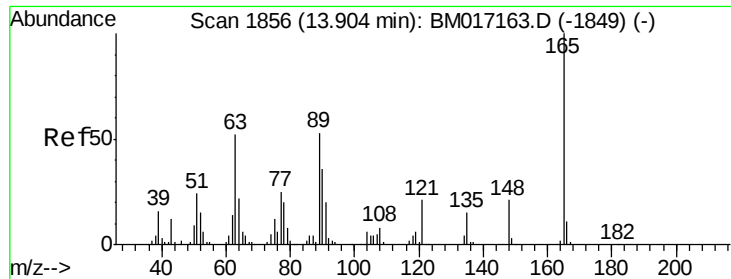


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

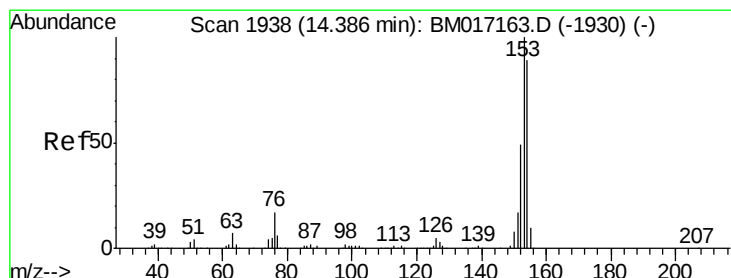
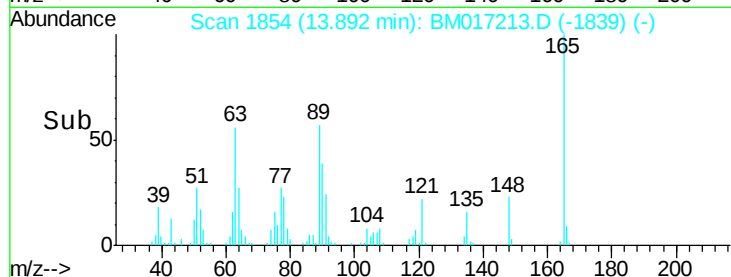
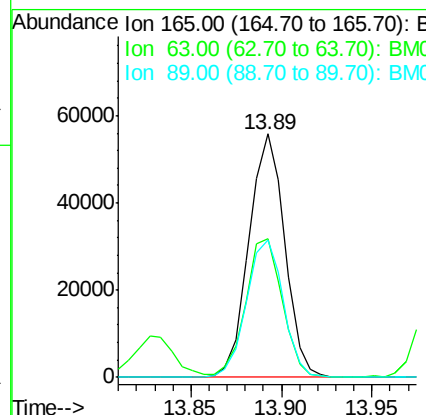
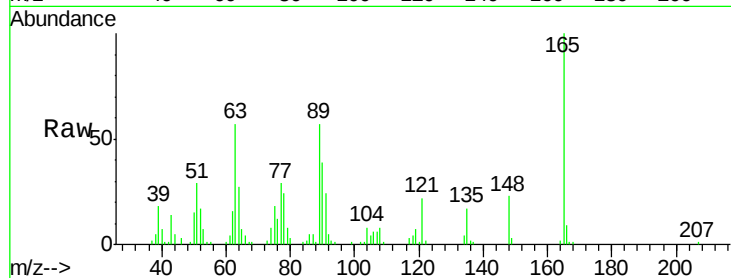




#51
 2,6-Dinitrotoluene
 Concen: 5.589 ng
 RT: 13.89 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BM017213.D
 Acq: 19 Oct 2018 03:22

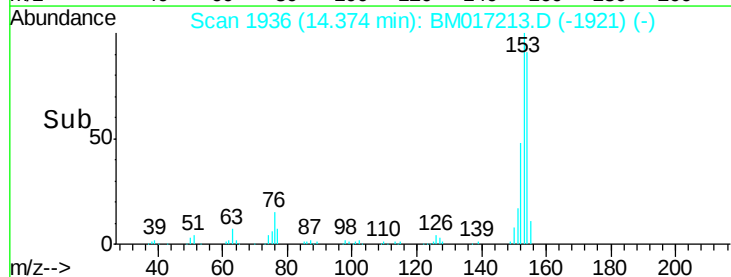
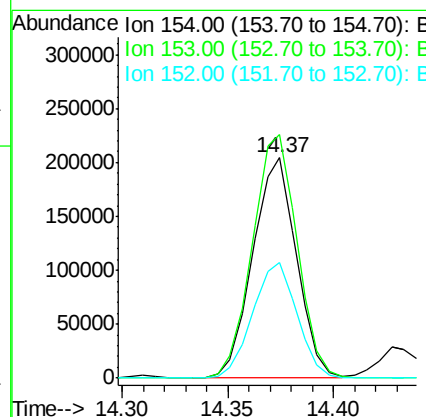
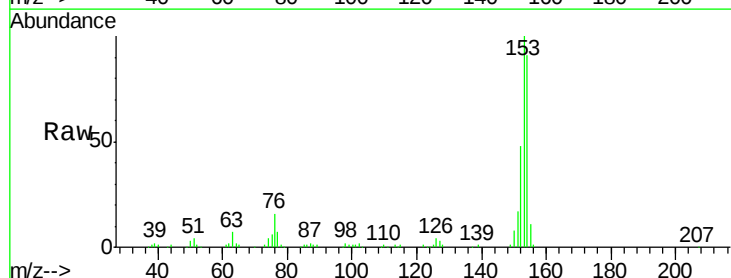
Instrument :
 BNA_M
 ClientSampleId :
 PB113953BS

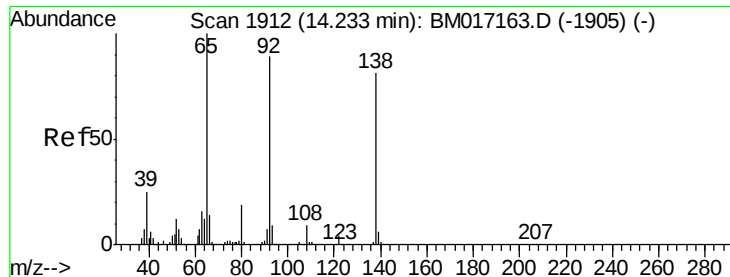
Tgt Ion:165 Resp: 76676
 Ion Ratio Lower Upper
 165 100
 63 56.9 42.7 64.1
 89 56.5 42.1 63.1



#52
 Acenaphthene
 Concen: 6.000 ng
 RT: 14.37 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: BM017213.D
 Acq: 19 Oct 2018 03:22

Tgt Ion:154 Resp: 292090
 Ion Ratio Lower Upper
 154 100
 153 110.5 90.2 135.2
 152 52.7 44.2 66.4

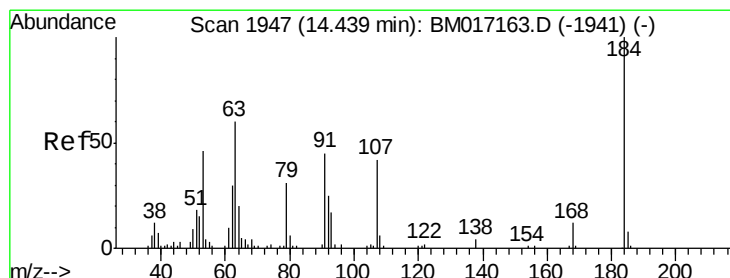
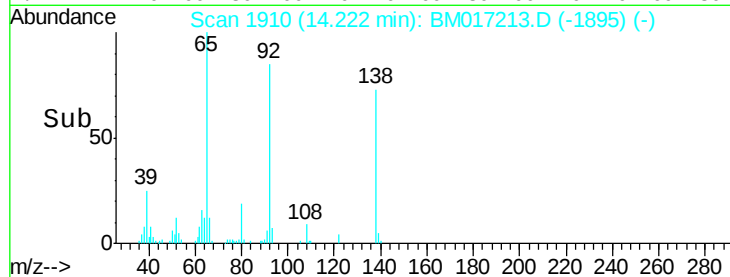
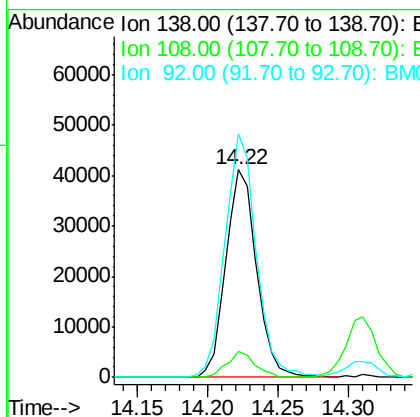
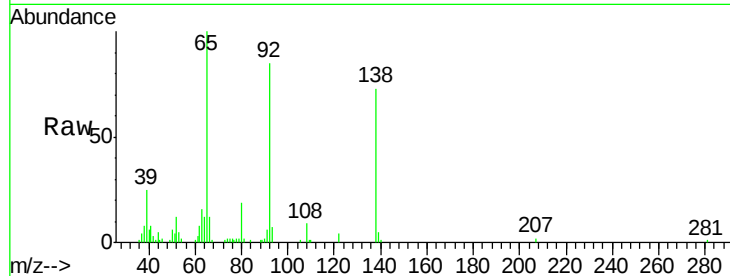




#53
3-Nitroaniline
Concen: 4.207 ng
RT: 14.22 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BM017213.D
Acq: 19 Oct 2018 03:22

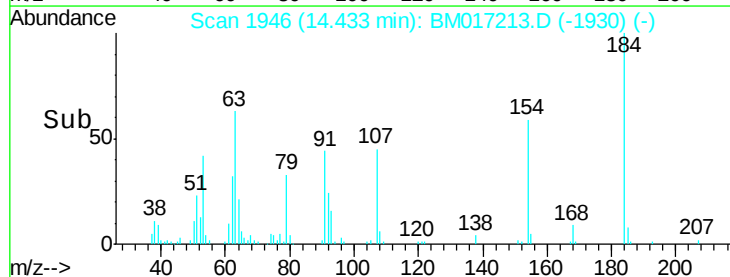
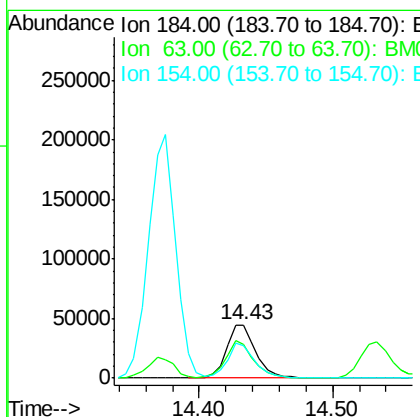
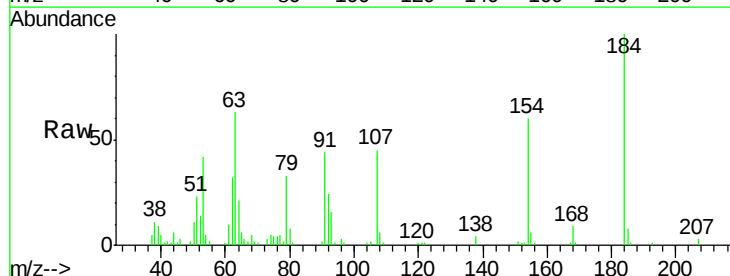
Instrument :
BNA_M
ClientSampleId :
PB113953BS

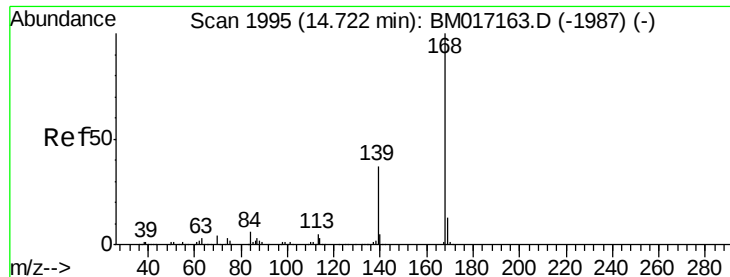
Tgt Ion:138 Resp: 62508
Ion Ratio Lower Upper
138 100
108 12.6 8.7 13.1
92 117.4 87.9 131.9



#54
2,4-Dinitrophenol
Concen: 15.846 ng
RT: 14.43 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BM017213.D
Acq: 19 Oct 2018 03:22

Tgt Ion:184 Resp: 68352
Ion Ratio Lower Upper
184 100
63 63.3 51.2 76.8
154 59.8 47.8 71.8





#55

Dibenzenofuran

Concen: 5.813 ng

RT: 14.71 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

Instrument :

BNA_M

ClientSampleId :

PB113953BS

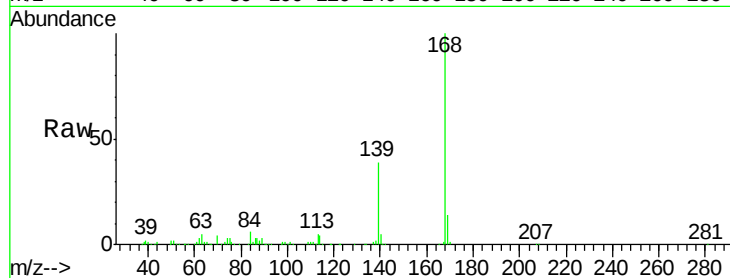
Tgt Ion:168 Resp: 470535

Ion Ratio Lower Upper

168 100

139 39.4 29.3 43.9

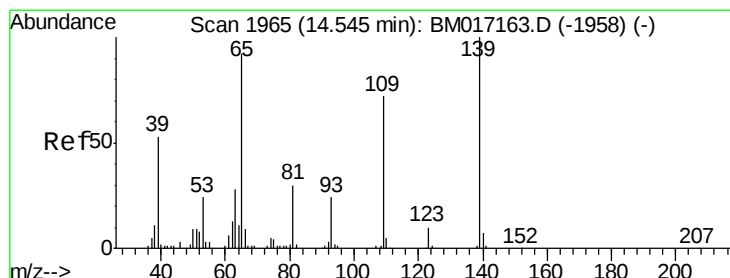
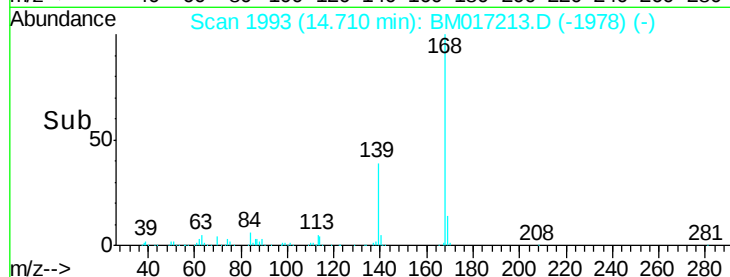
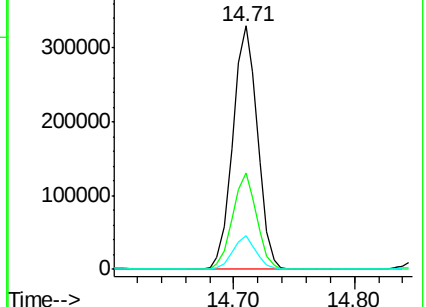
169 13.6 10.6 15.8



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: 16.056 ng

RT: 14.53 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

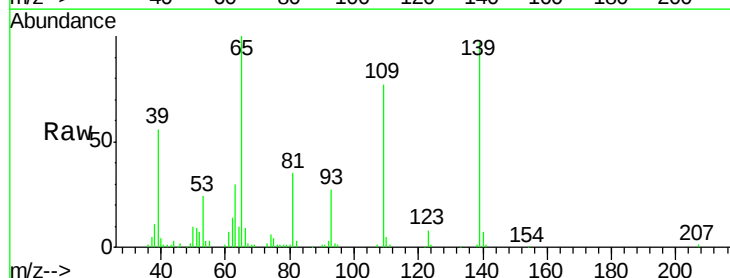
Tgt Ion:139 Resp: 163172

Ion Ratio Lower Upper

139 100

109 79.4 51.8 91.8

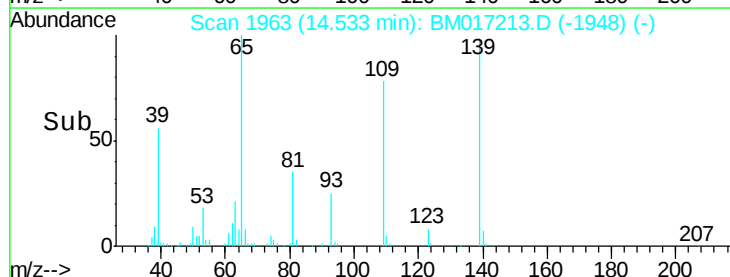
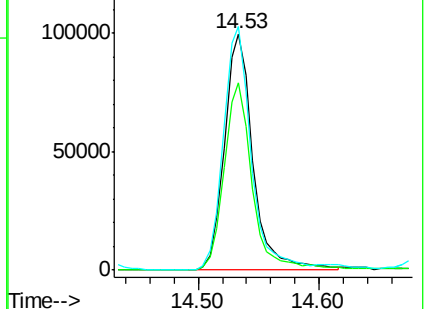
65 103.2 72.1 112.1

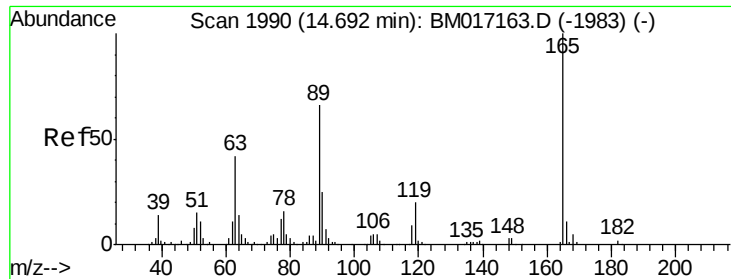


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM

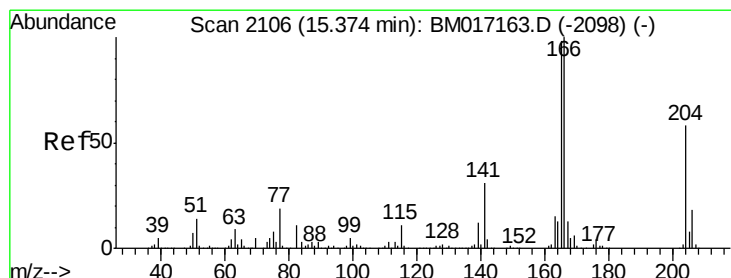
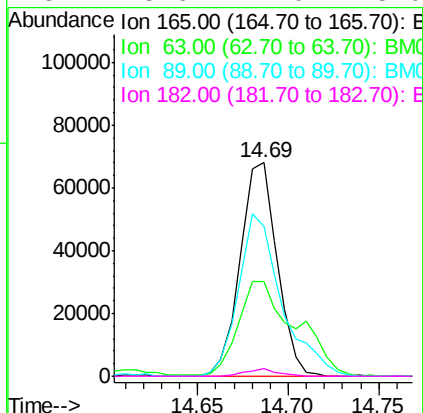
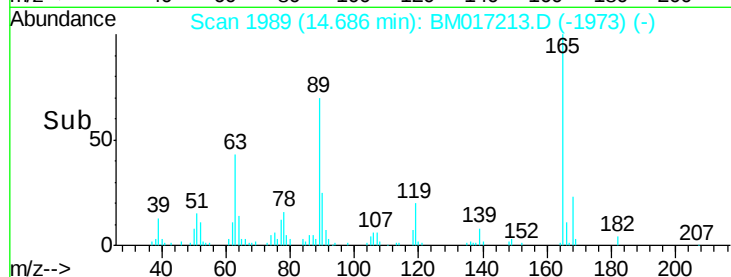
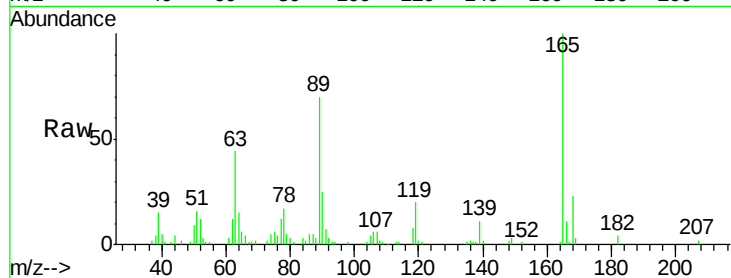




#57
2,4-Dinitrotoluene
Concen: 5.240 ng
RT: 14.69 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BM017213.D
Acq: 19 Oct 2018 03:22

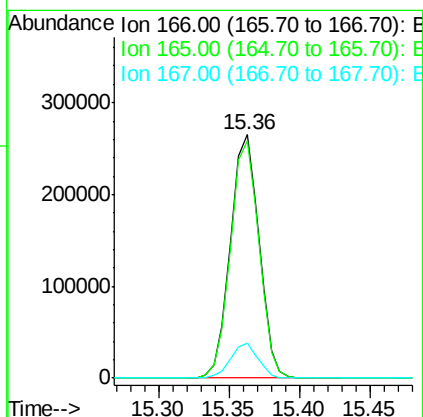
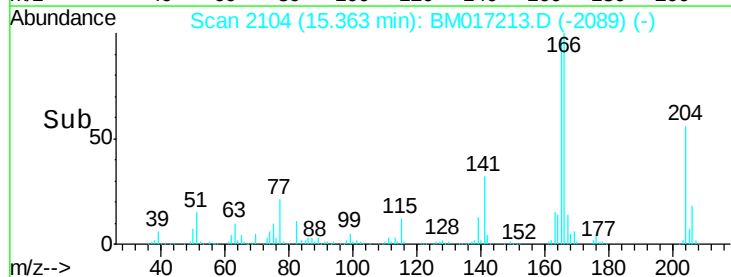
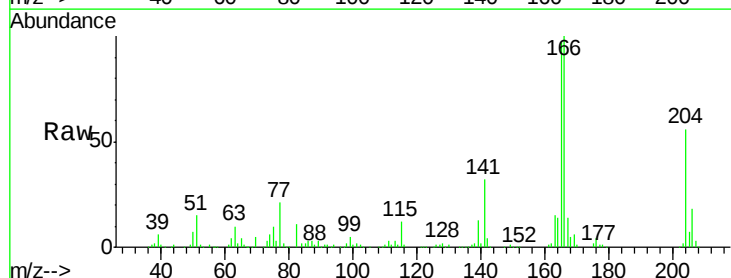
Instrument :
BNA_M
ClientSampleId :
PB113953BS

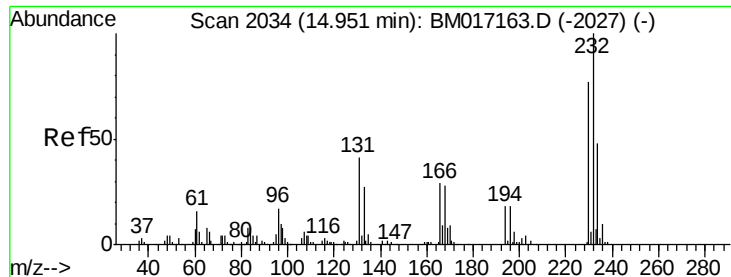
Tgt Ion:165 Resp: 96624
Ion Ratio Lower Upper
165 100
63 44.3 33.8 50.8
89 70.1 53.1 79.7
182 3.6 2.0 3.0#



#58
Fluorene
Concen: 6.258 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM017213.D
Acq: 19 Oct 2018 03:22

Tgt Ion:166 Resp: 374949
Ion Ratio Lower Upper
166 100
165 97.4 78.1 117.1
167 14.2 10.6 16.0

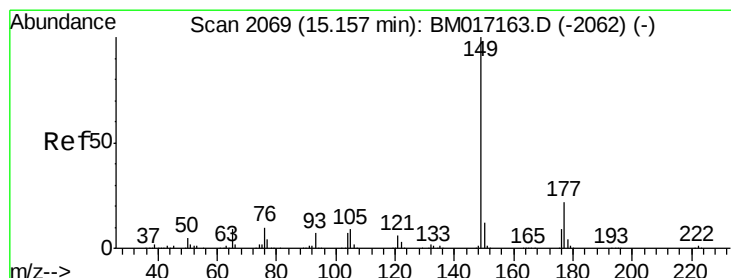
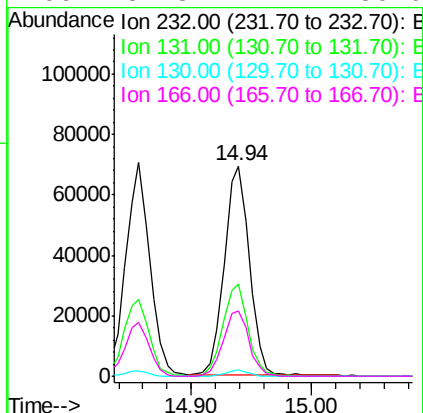
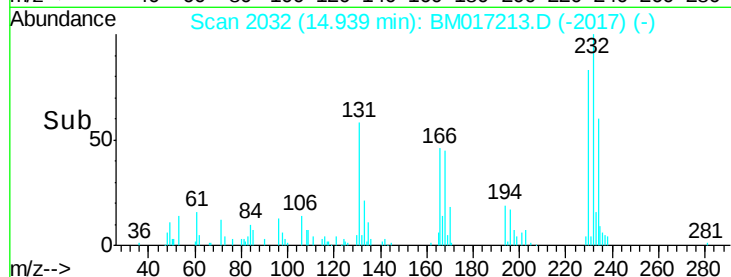
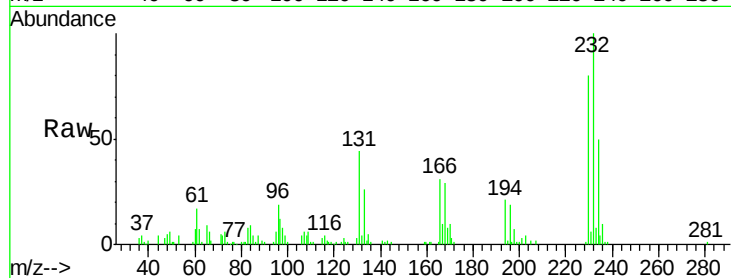




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 6.156 ng
 RT: 14.94 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BM017213.D
 Acq: 19 Oct 2018 03:22

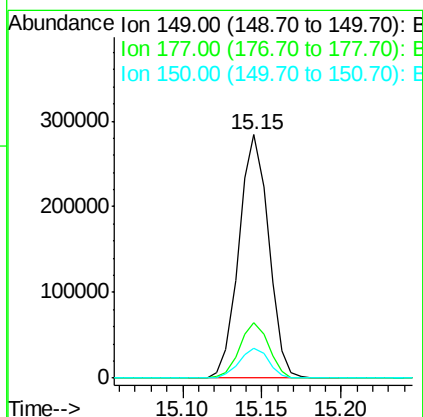
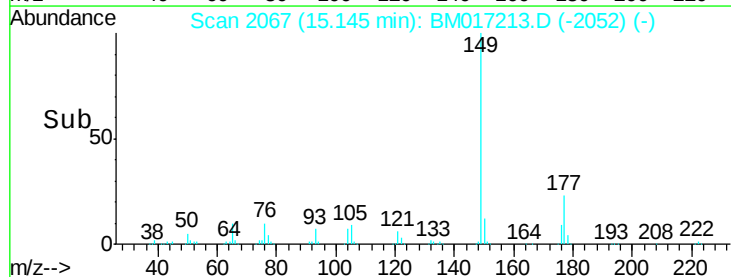
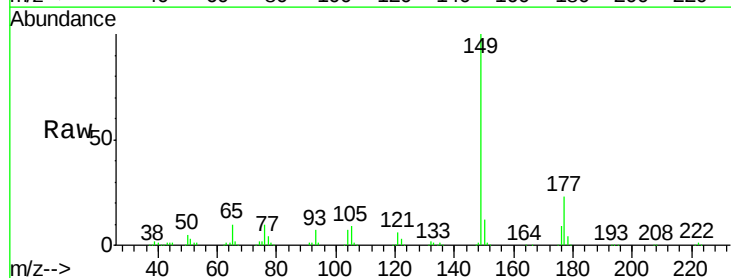
Instrument :
 BNA_M
 ClientSampleId :
 PB113953BS

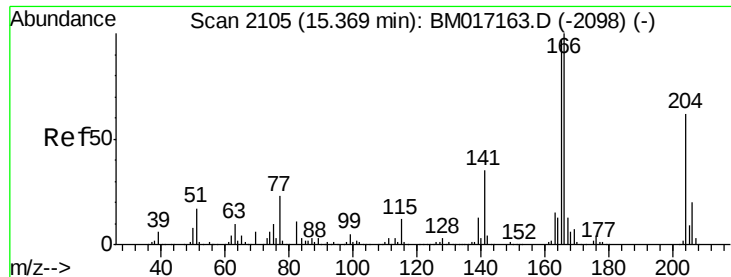
Tgt Ion:232 Resp: 99382
 Ion Ratio Lower Upper
 232 100
 131 44.1 33.1 49.7
 130 2.6 1.7 2.5#
 166 31.8 24.4 36.6



#60
 Diethylphthalate
 Concen: 5.975 ng
 RT: 15.15 min Scan# 2067
 Delta R.T. -0.01 min
 Lab File: BM017213.D
 Acq: 19 Oct 2018 03:22

Tgt Ion:149 Resp: 369361
 Ion Ratio Lower Upper
 149 100
 177 22.7 17.7 26.5
 150 12.2 10.0 15.0





#61

4-Chlorophenyl-phenylether

Concen: 5.834 ng

RT: 15.36 min Scan# 2104

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

Instrument :

BNA_M

ClientSampleId :

PB113953BS

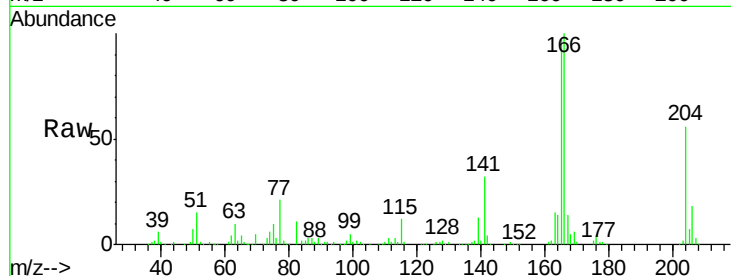
Tgt Ion:204 Resp: 199268

Ion Ratio Lower Upper

204 100

206 31.4 26.1 39.1

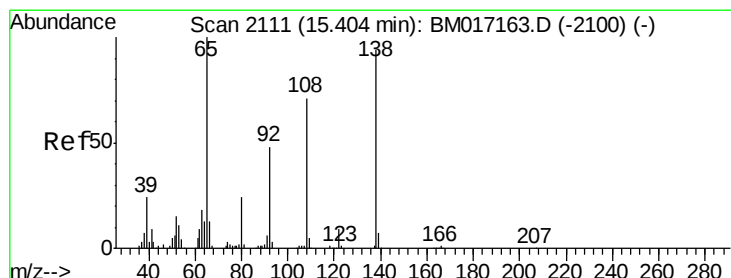
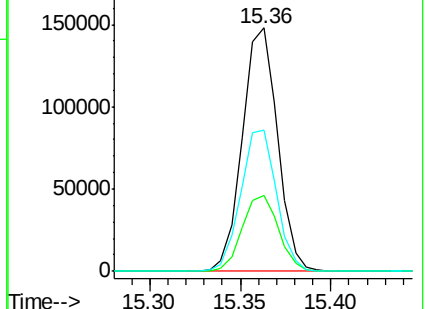
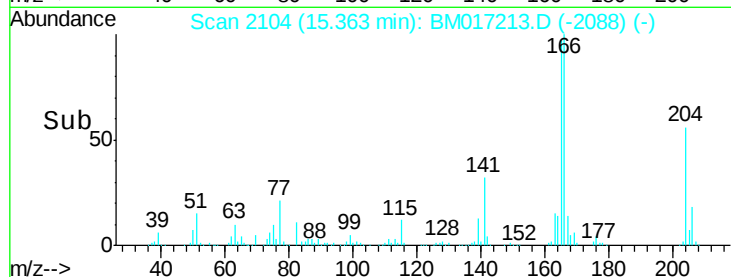
141 58.2 45.4 68.2



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: 8.571 ng

RT: 15.39 min Scan# 2108

Delta R.T. -0.02 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

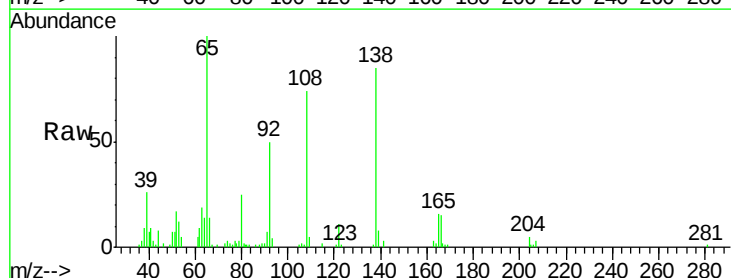
Tgt Ion:138 Resp: 70246

Ion Ratio Lower Upper

138 100

92 58.6 31.2 71.2

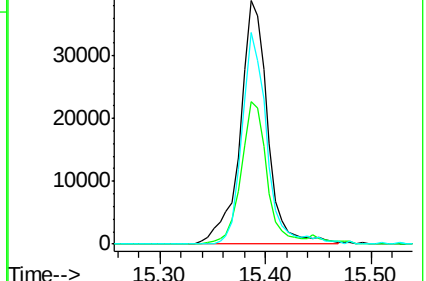
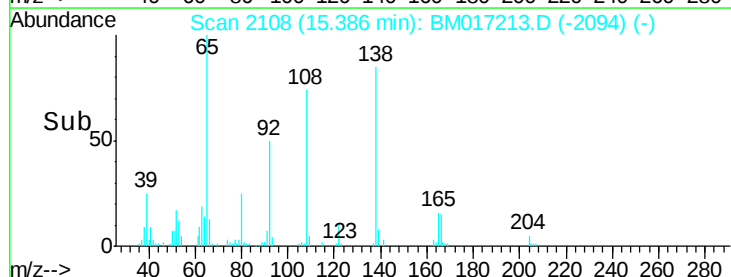
108 86.7 55.5 95.5

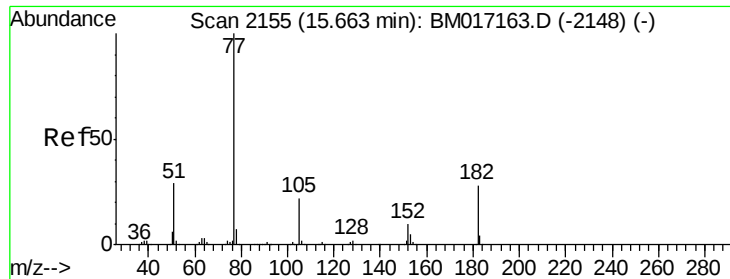


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 5.600 ng

RT: 15.66 min Scan# 2154

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

Instrument :

BNA_M

ClientSampleId :

PB113953BS

Tgt Ion: 77 Resp: 336448

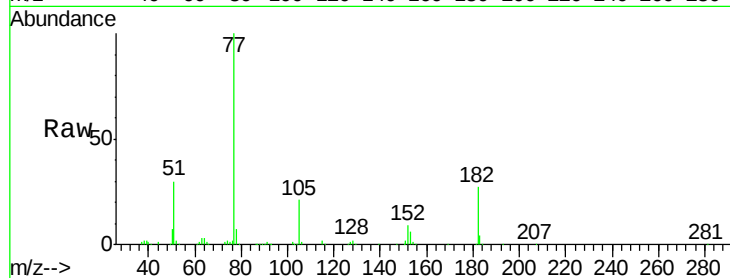
Ion Ratio Lower Upper

77 100

182 26.9 8.3 48.3

105 20.5 1.5 41.5

51 29.8 8.8 48.8

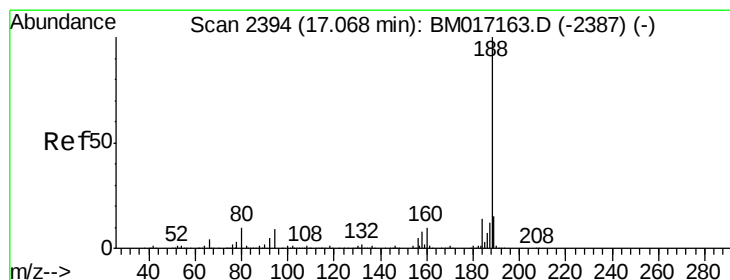
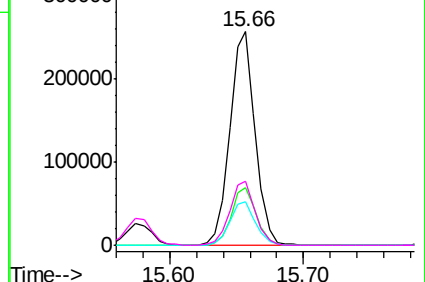
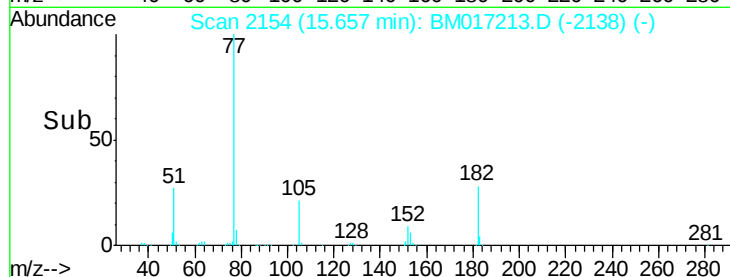


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2392

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

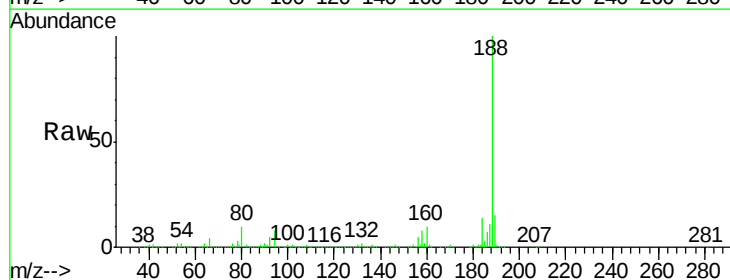
Tgt Ion: 188 Resp: 1742582

Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.4

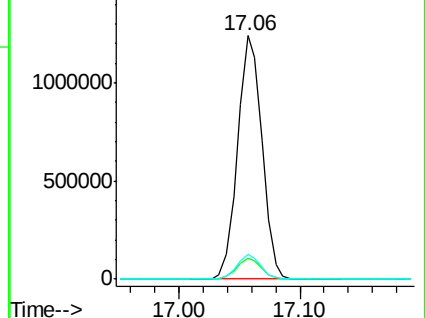
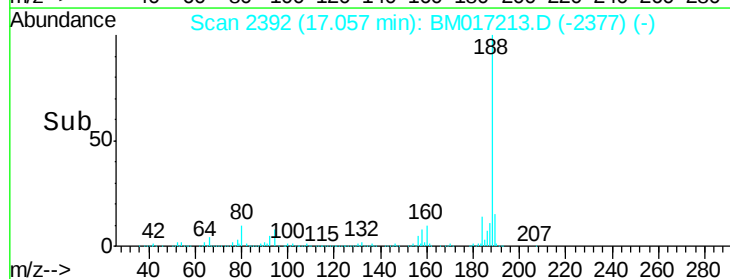
80 9.9 7.7 11.5

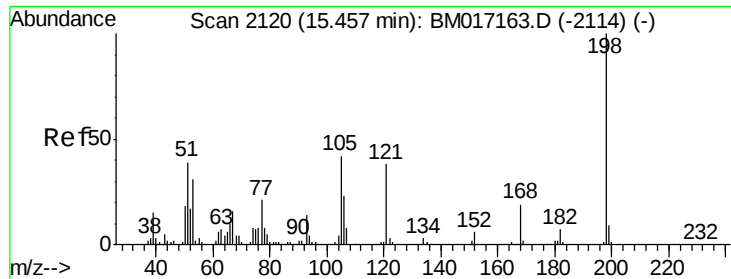


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM

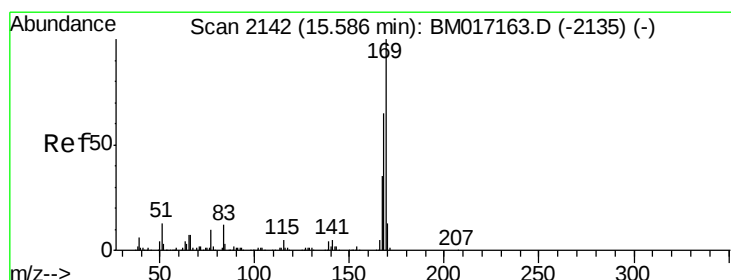
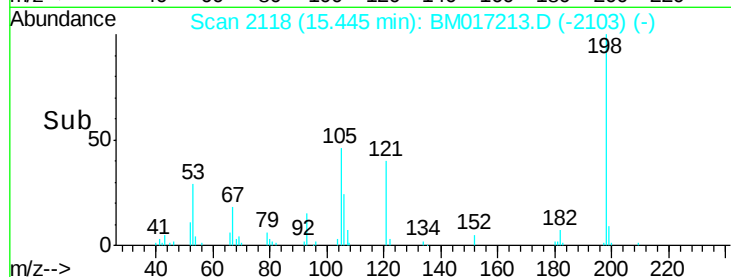
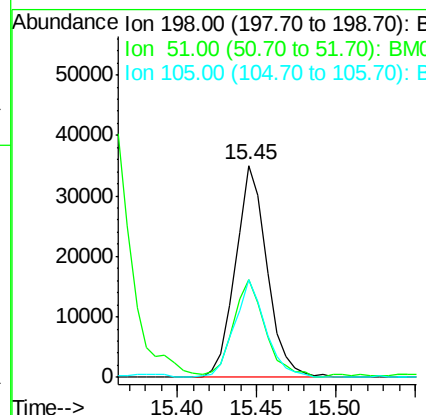
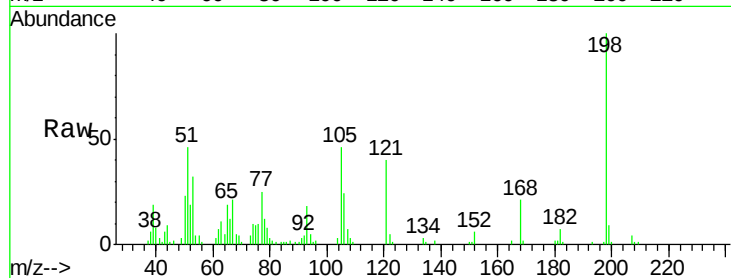




#65
 4,6-Dinitro-2-methylphenol
 Concen: 10.687 ng
 RT: 15.45 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: BM017213.D
 Acq: 19 Oct 2018 03:22

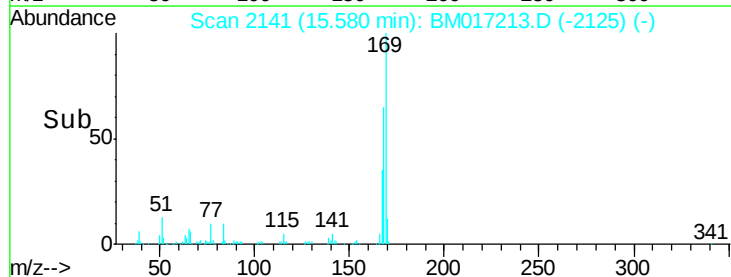
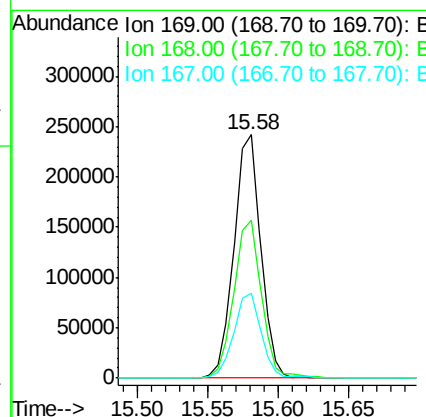
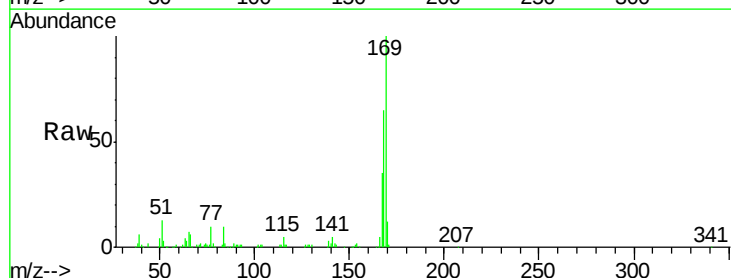
Instrument :
 BNA_M
 ClientSampleId :
 PB113953BS

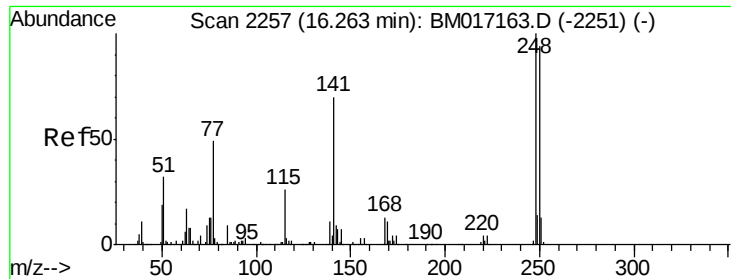
Tgt Ion:198 Resp: 48276
 Ion Ratio Lower Upper
 198 100
 51 45.9 20.3 60.3
 105 46.2 21.9 61.9



#66
 n-Nitrosodiphenylamine
 Concen: 6.094 ng
 RT: 15.58 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: BM017213.D
 Acq: 19 Oct 2018 03:22

Tgt Ion:169 Resp: 321291
 Ion Ratio Lower Upper
 169 100
 168 65.1 52.2 78.4
 167 35.0 28.4 42.6

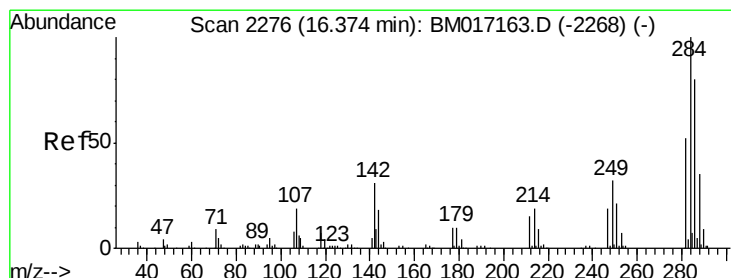
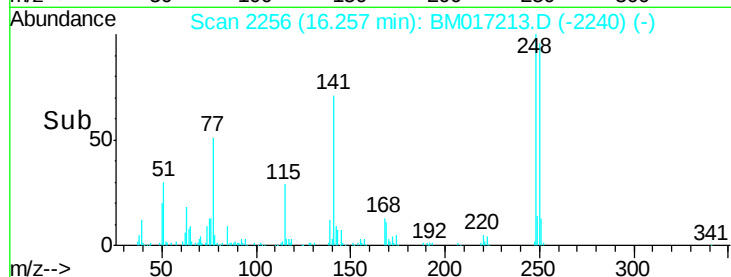
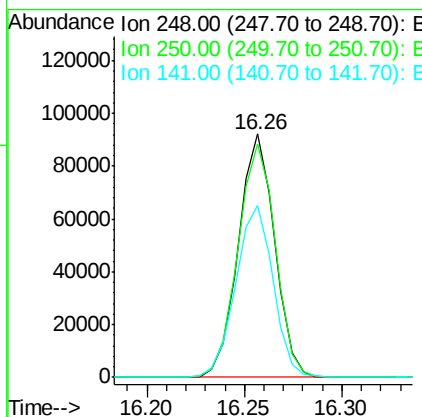
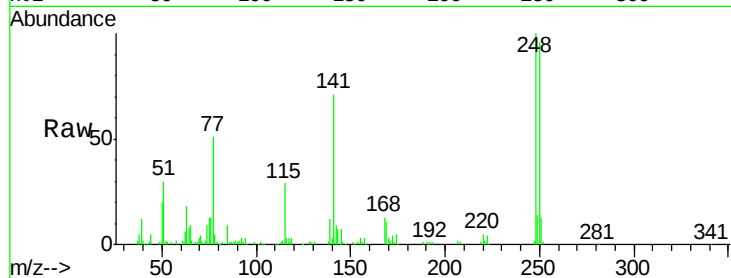




#67
 4-Bromophenyl-phenylether
 Concen: 6.182 ng
 RT: 16.26 min Scan# 2256
 Delta R.T. -0.01 min
 Lab File: BM017213.D
 Acq: 19 Oct 2018 03:22

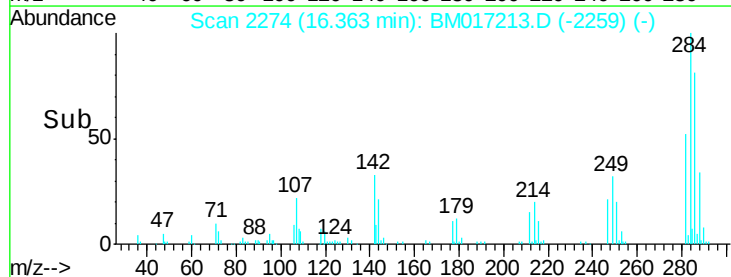
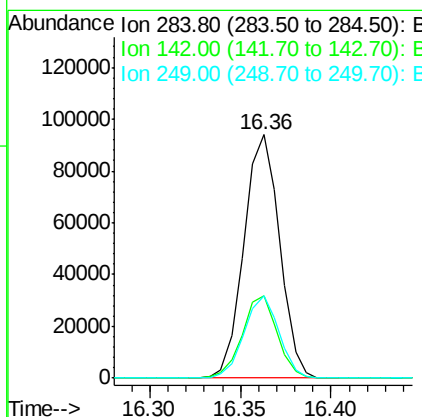
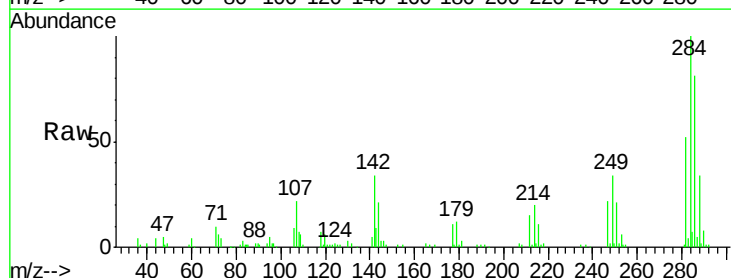
Instrument :
 BNA_M
 ClientSampleId :
 PB113953BS

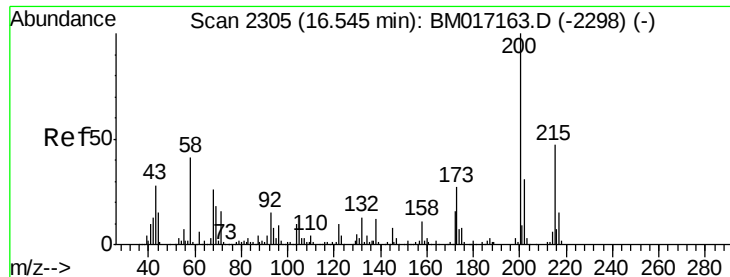
Tgt Ion: 248 Resp: 118275
 Ion Ratio Lower Upper
 248 100
 250 95.6 75.1 112.7
 141 70.8 55.6 83.4



#68
 Hexachlorobenzene
 Concen: 5.791 ng
 RT: 16.36 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BM017213.D
 Acq: 19 Oct 2018 03:22

Tgt Ion: 284 Resp: 128703
 Ion Ratio Lower Upper
 284 100
 142 33.8 25.0 37.6
 249 33.8 25.5 38.3





#69

Atrazine

Concen: 5.421 ng

RT: 16.53 min Scan# 2303

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

Instrument :

BNA_M

ClientSampled :

PB113953BS

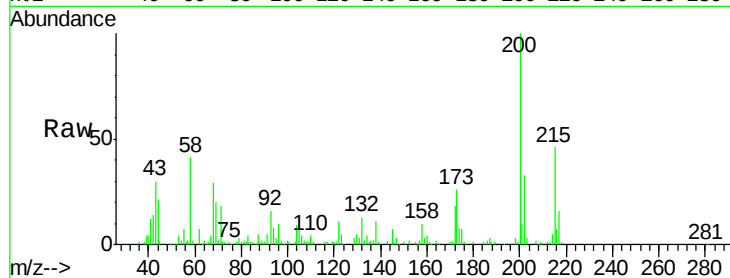
Tgt Ion:200 Resp: 102294

Ion Ratio Lower Upper

200 100

173 26.4 7.0 47.0

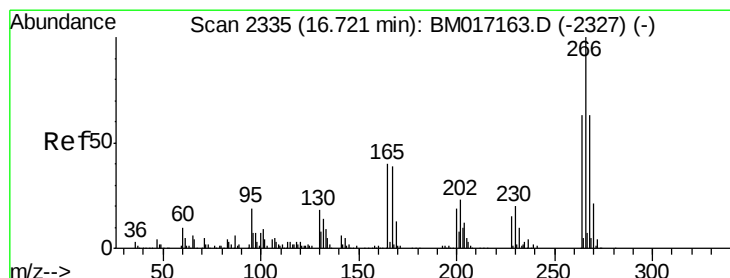
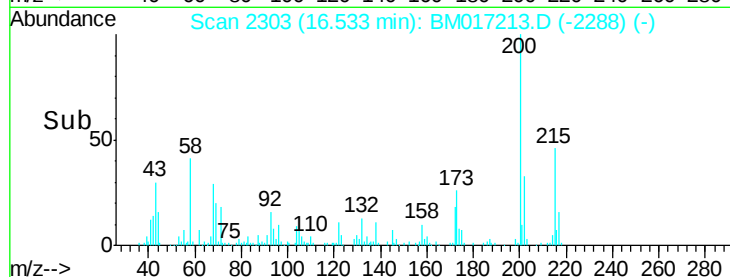
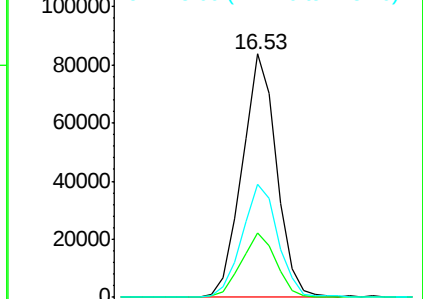
215 46.3 27.3 67.3



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: 8.932 ng

RT: 16.71 min Scan# 2333

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

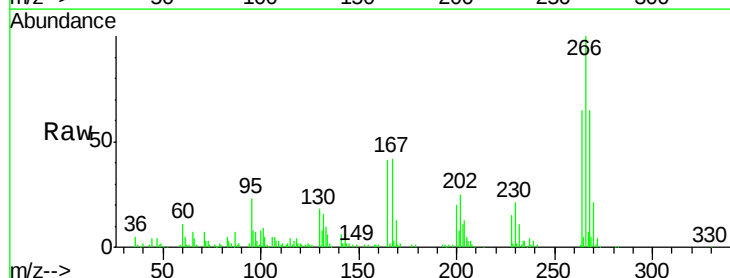
Tgt Ion:266 Resp: 135985

Ion Ratio Lower Upper

266 100

268 65.5 50.7 76.1

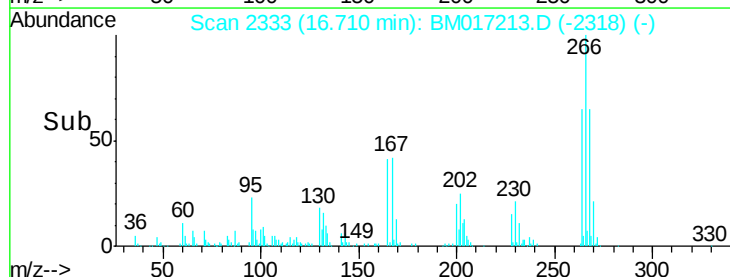
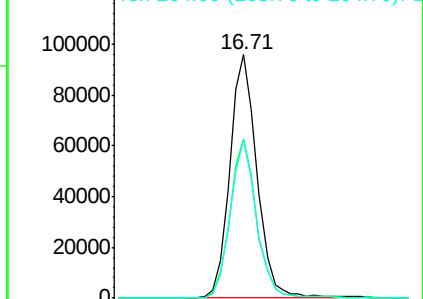
264 65.1 50.4 75.6

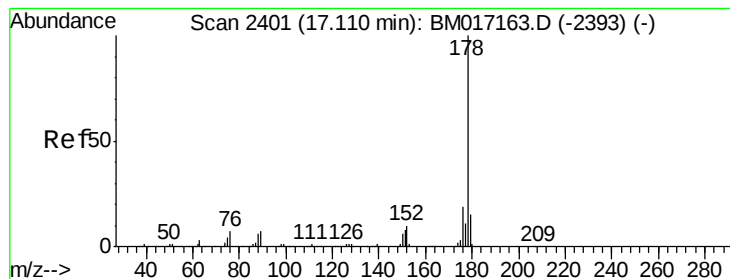


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 6.270 ng

RT: 17.10 min Scan# 2400

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

Instrument :

BNA_M

ClientSampleId :

PB113953BS

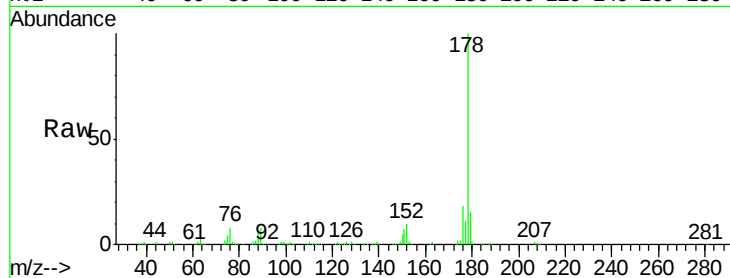
Tgt Ion:178 Resp: 589463

Ion Ratio Lower Upper

178 100

176 18.3 15.0 22.6

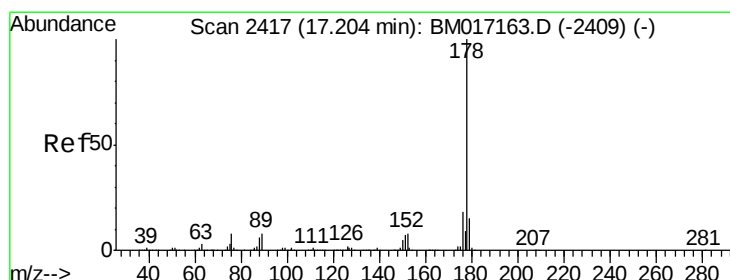
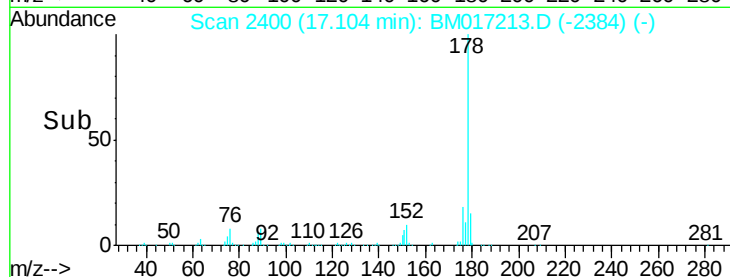
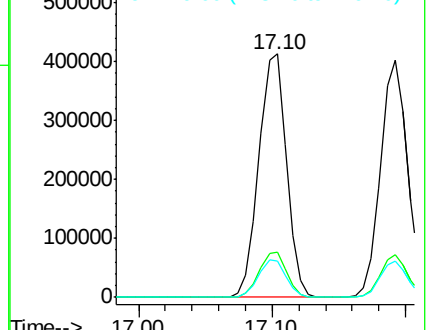
179 14.7 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 6.351 ng

RT: 17.19 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

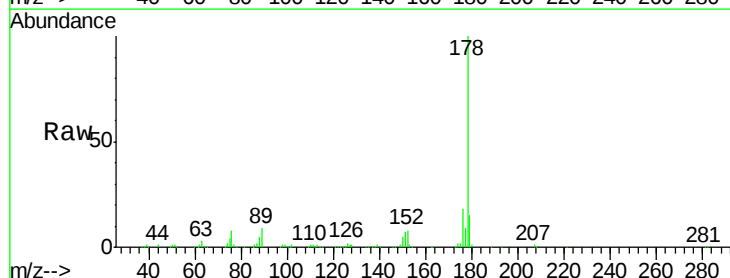
Tgt Ion:178 Resp: 567343

Ion Ratio Lower Upper

178 100

176 18.0 14.5 21.7

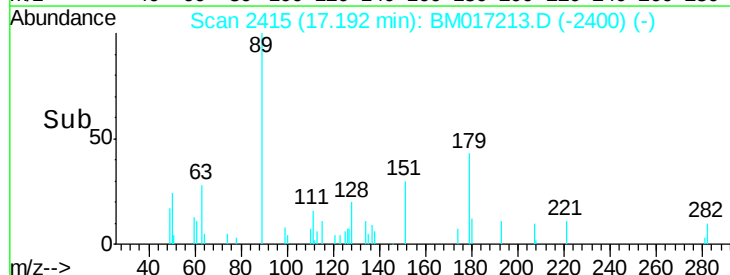
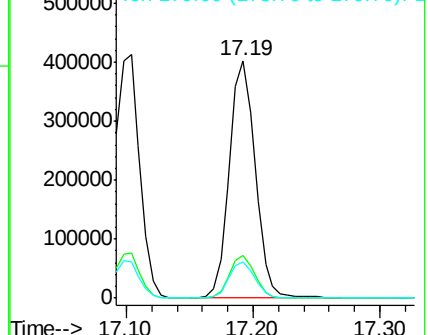
179 15.4 12.2 18.2

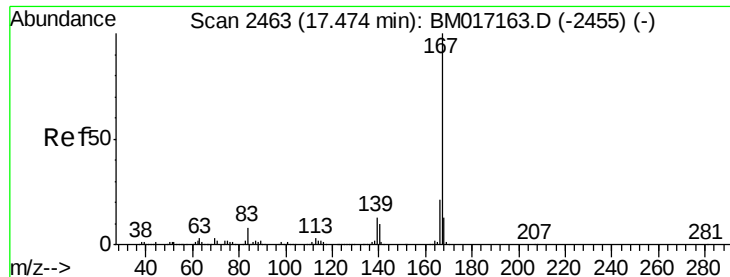


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

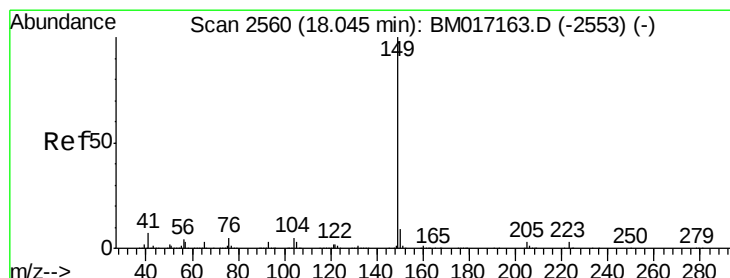
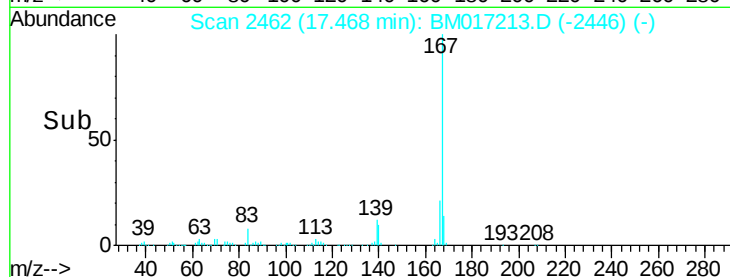
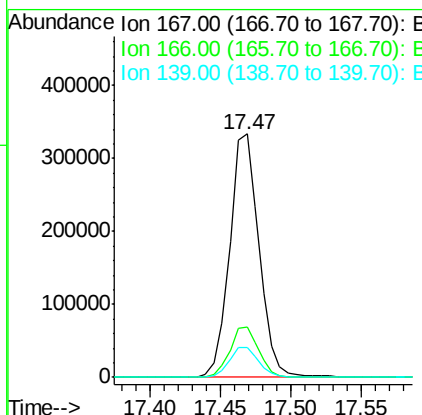
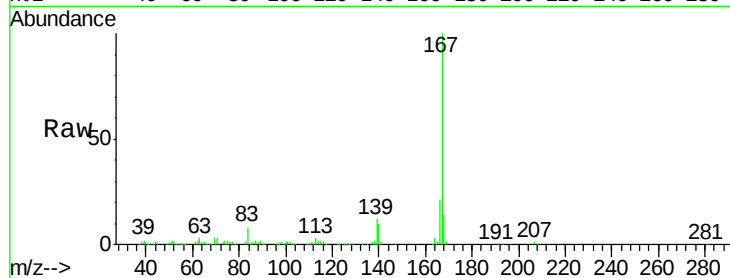




#73
 Carbazole
 Concen: 5.288 ng
 RT: 17.47 min Scan# 2462
 Delta R.T. -0.01 min
 Lab File: BM017213.D
 Acq: 19 Oct 2018 03:22

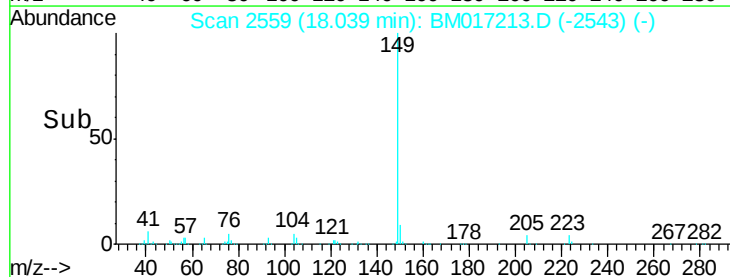
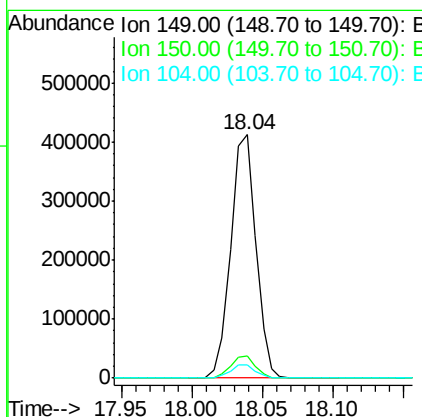
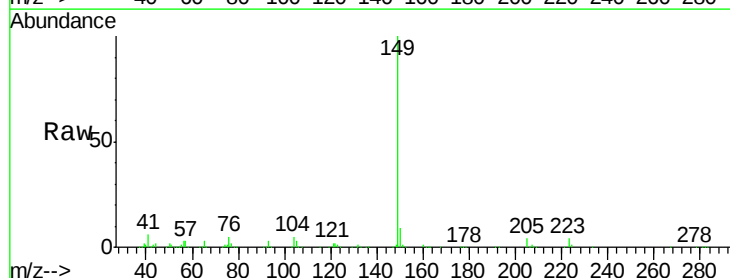
Instrument :
 BNA_M
 ClientSampleId :
 PB113953BS

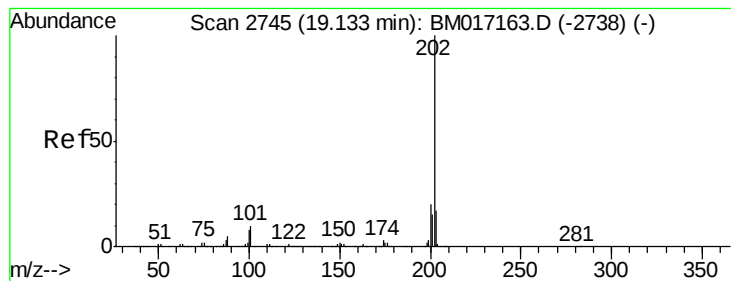
Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.5	17.1	25.7
139	12.5	10.1	15.1



#74
 Di-n-butylphthalate
 Concen: 5.334 ng
 RT: 18.04 min Scan# 2559
 Delta R.T. -0.01 min
 Lab File: BM017213.D
 Acq: 19 Oct 2018 03:22

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.0
104	5.3	4.3	6.5





#75

Fluoranthene

Concen: 5.809 ng

RT: 19.12 min Scan# 2743

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

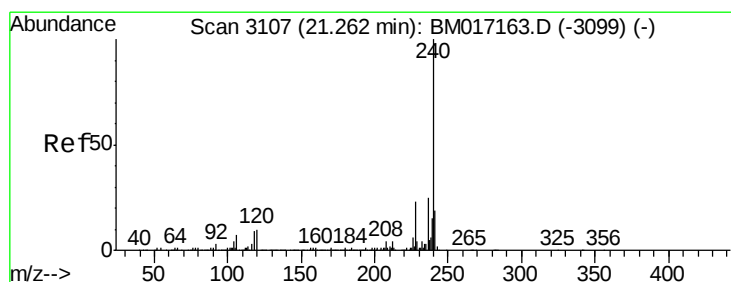
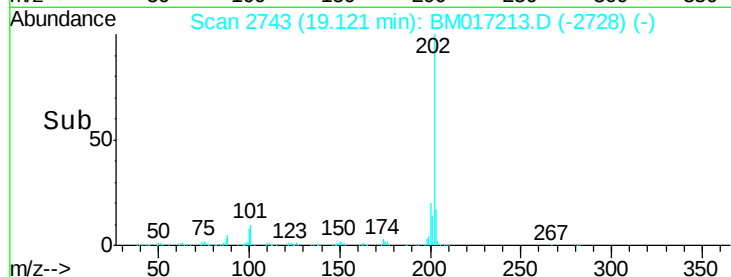
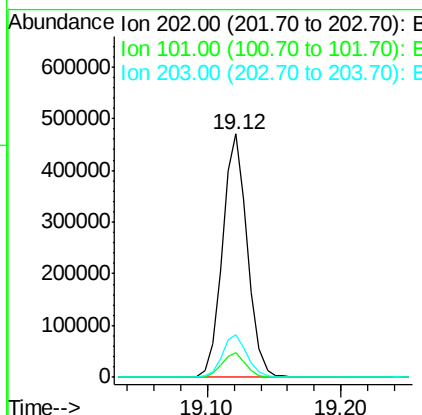
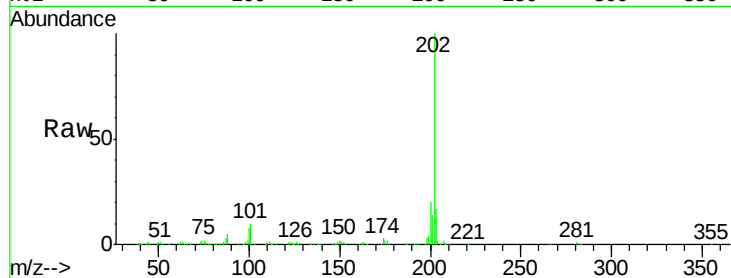
Instrument :

BNA_M

ClientSampleId :

PB113953BS

Tgt Ion:	202	Resp:	614607
Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	30.0
203	17.4	0.0	37.2



#76

Chrysene-d12

Concen: 20.000 ng

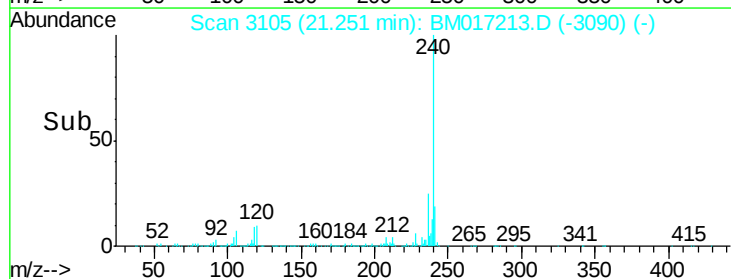
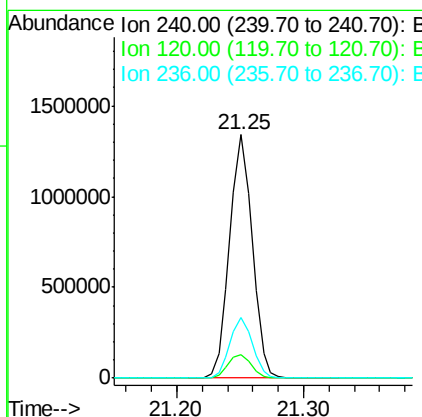
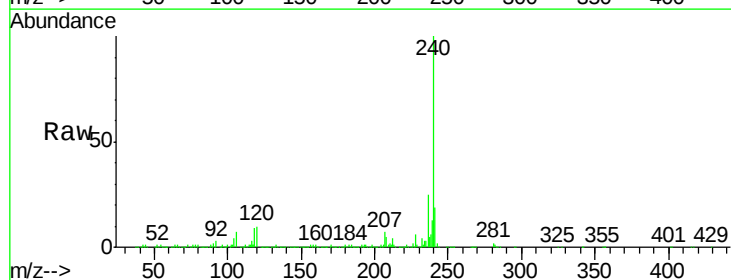
RT: 21.25 min Scan# 3105

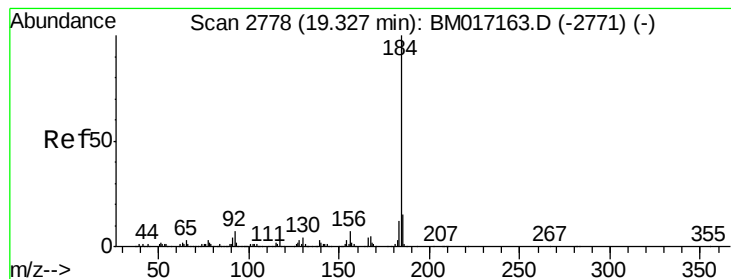
Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

Tgt Ion:	240	Resp:	1667802
Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.1	12.1
236	25.0	19.9	29.9





#77

Benzidine

Concen: 7.338 ng

RT: 19.32 min Scan# 2776

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

Instrument :

BNA_M

ClientSampleId :

PB113953BS

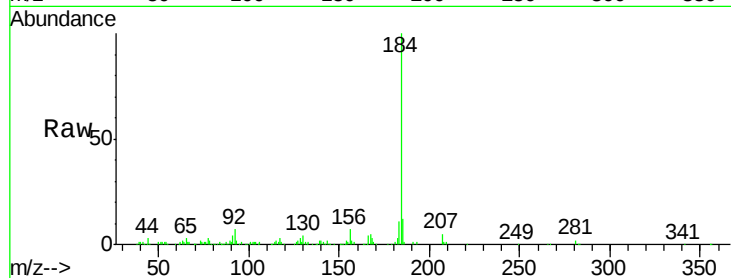
Tgt Ion:184 Resp: 310306

Ion Ratio Lower Upper

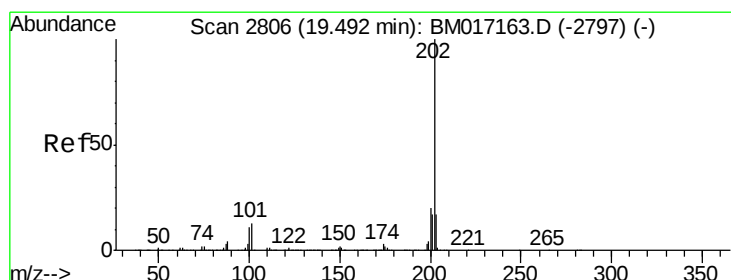
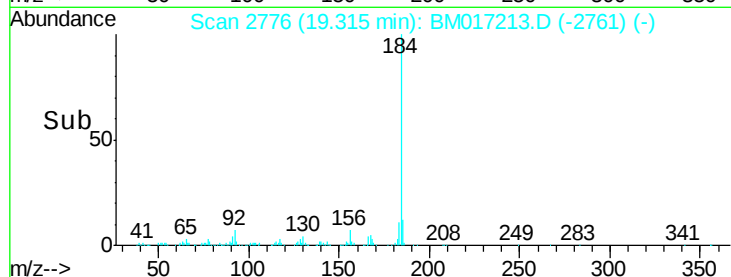
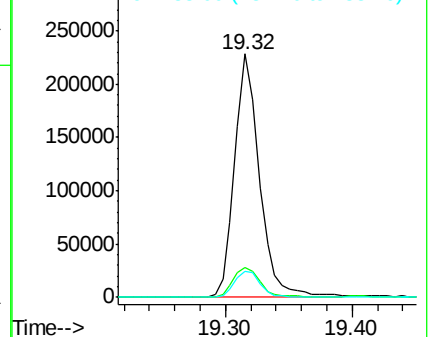
184 100

185 12.3 11.8 17.8

183 10.8 9.7 14.5



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



#78

Pyrene

Concen: 6.676 ng

RT: 19.49 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

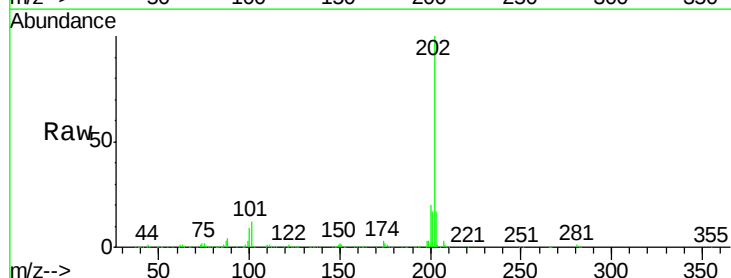
Tgt Ion:202 Resp: 622293

Ion Ratio Lower Upper

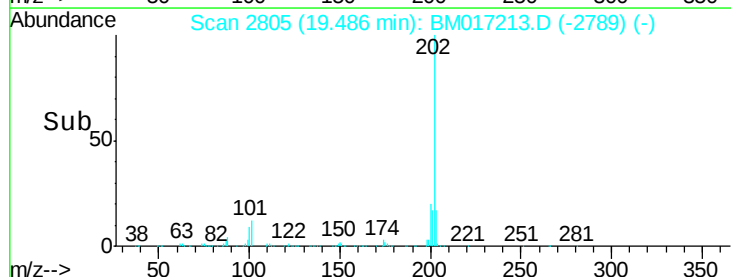
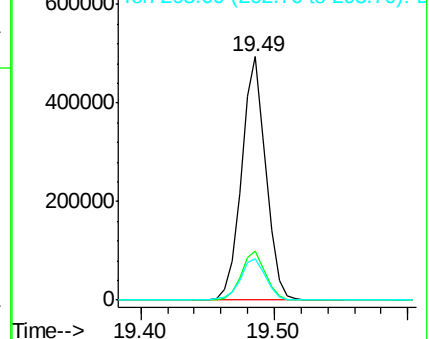
202 100

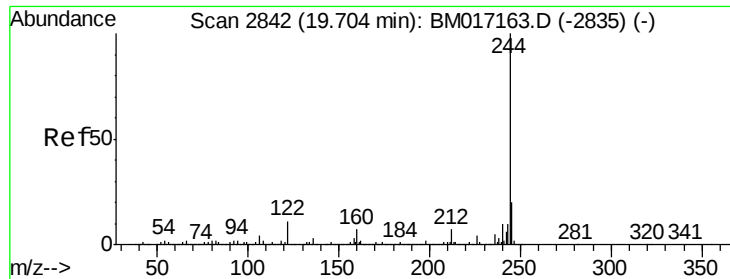
200 20.1 16.3 24.5

203 17.2 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 59.133 ng

RT: 19.70 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

Instrument :

BNA_M

ClientSampleId :

PB113953BS

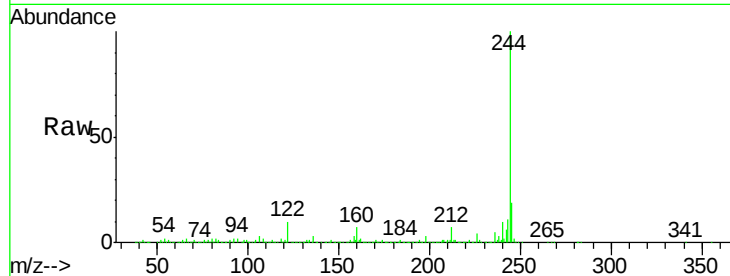
Tgt Ion:244 Resp: 4375394

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

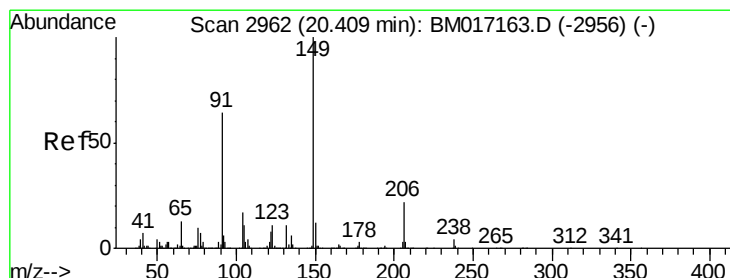
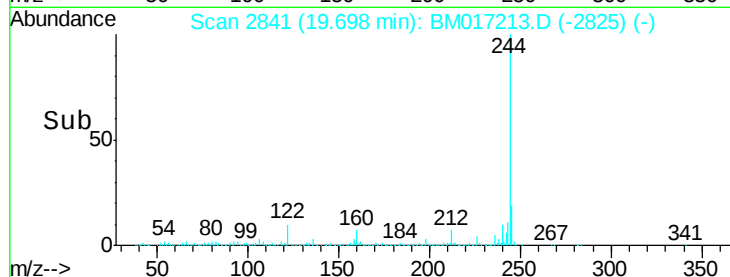
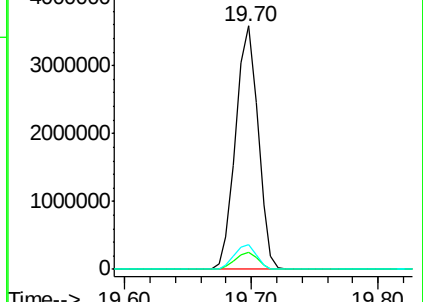
122 10.0 8.4 12.6



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: 11.825 ng

RT: 20.40 min Scan# 2960

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

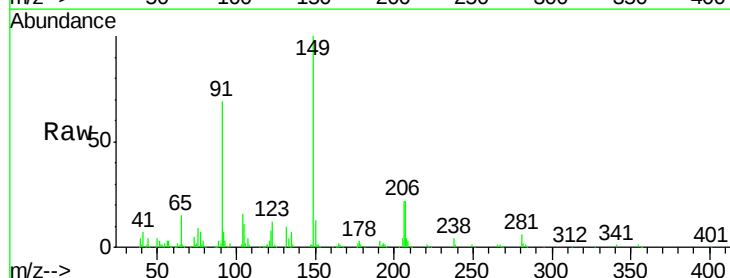
Tgt Ion:149 Resp: 193886

Ion Ratio Lower Upper

149 100

91 68.9 51.3 76.9

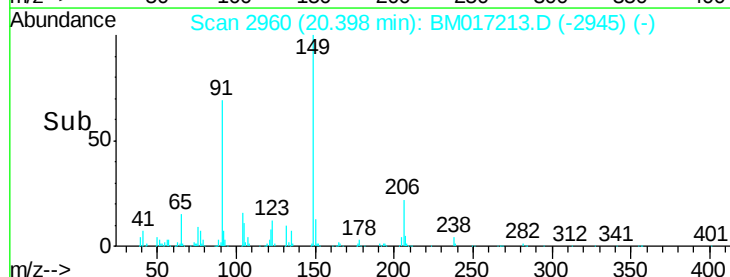
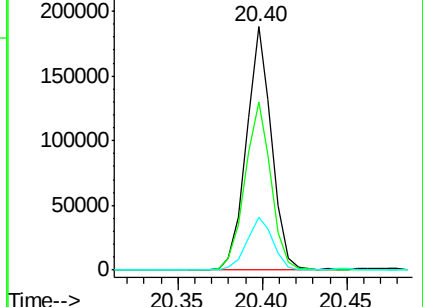
206 21.6 18.0 27.0

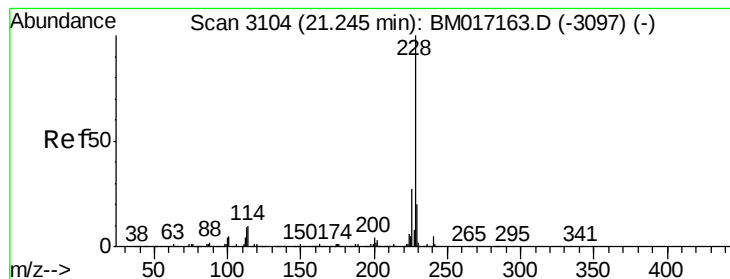


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 6.208 ng

RT: 21.23 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

Instrument :

BNA_M

ClientSampleId :

PB113953BS

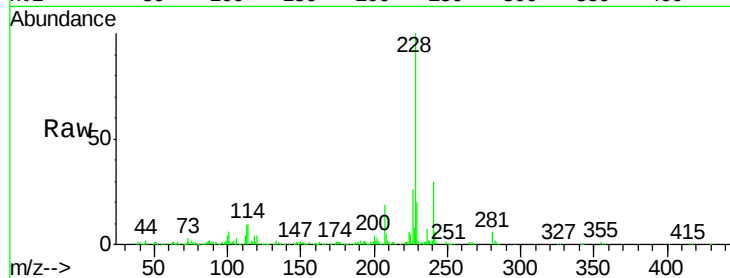
Tgt Ion:228 Resp: 582661

Ion Ratio Lower Upper

228 100

226 25.9 21.4 32.0

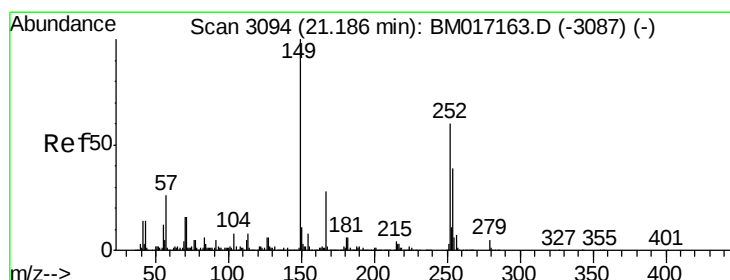
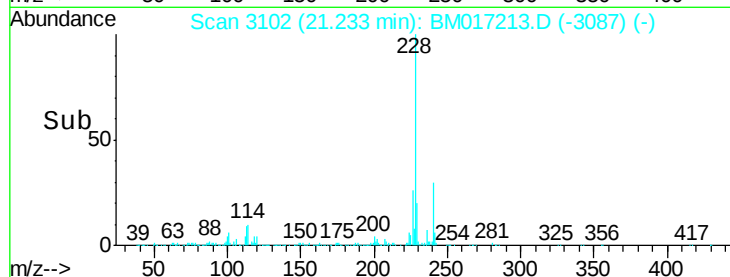
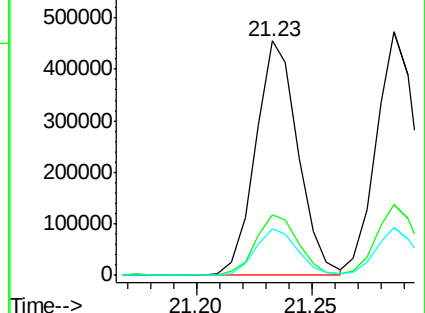
229 19.6 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 4.337 ng

RT: 21.17 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

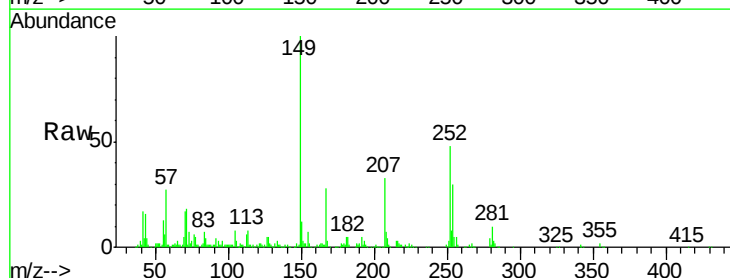
Tgt Ion:252 Resp: 151691

Ion Ratio Lower Upper

252 100

254 61.9 52.1 78.1

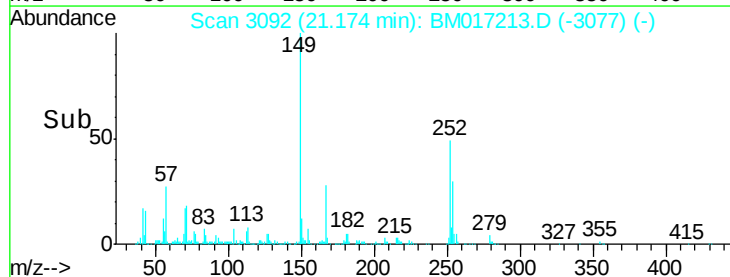
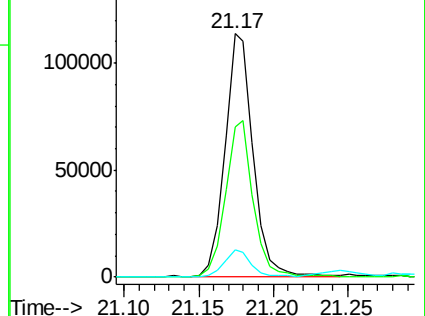
126 11.2 8.6 12.8

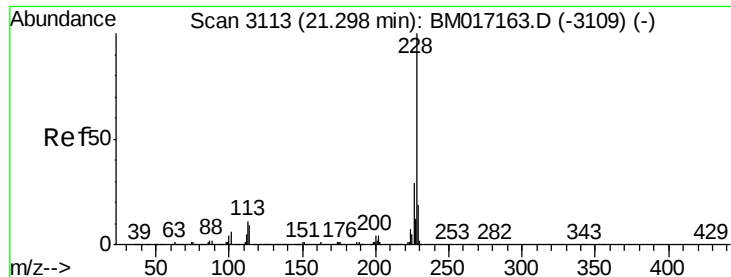


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 6.151 ng

RT: 21.29 min Scan# 3111

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

Instrument :

BNA_M

ClientSampleId :

PB113953BS

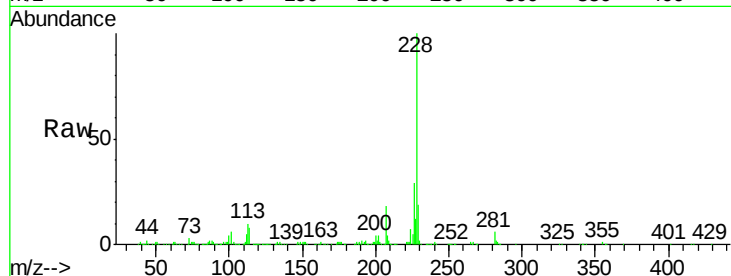
Tgt Ion:228 Resp: 571375

Ion Ratio Lower Upper

228 100

226 29.3 23.3 34.9

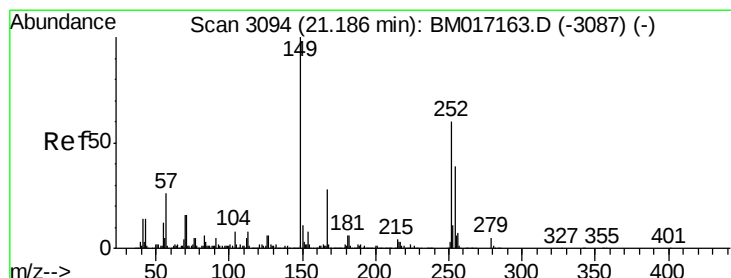
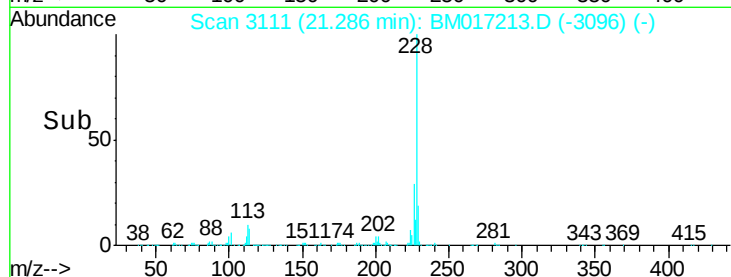
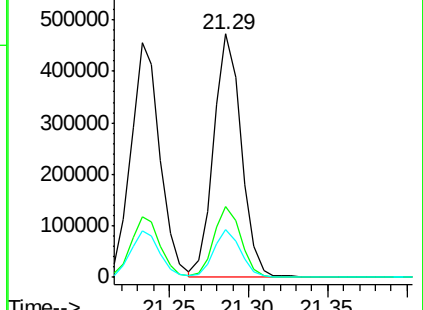
229 19.4 15.6 23.4



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: 9.807 ng

RT: 21.18 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

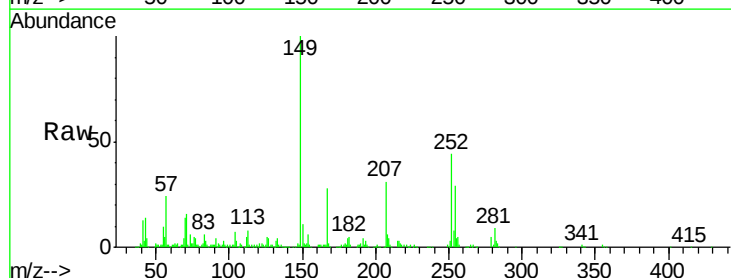
Tgt Ion:149 Resp: 274534

Ion Ratio Lower Upper

149 100

167 27.9 22.2 33.4

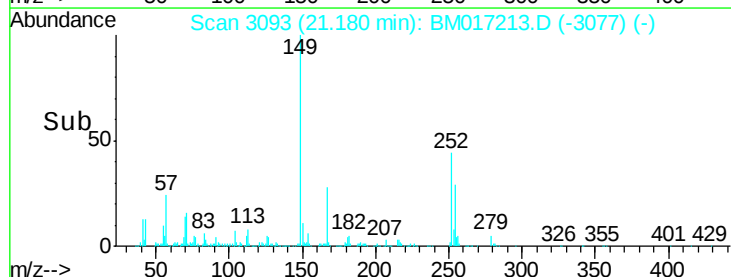
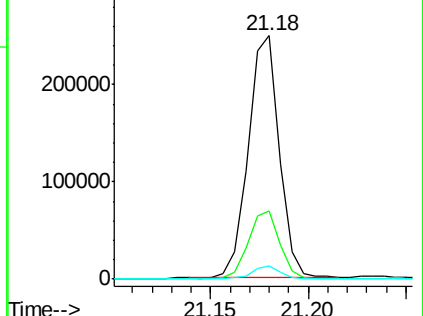
279 5.4 3.6 5.4#

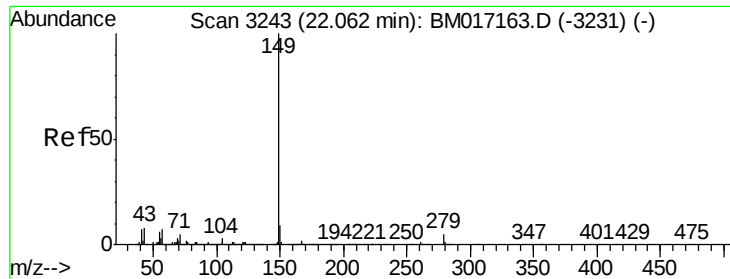


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 9.943 ng

RT: 22.05 min Scan# 3241

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

Instrument :

BNA_M

ClientSampleId :

PB113953BS

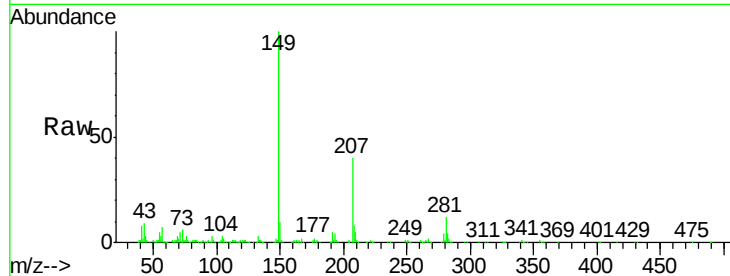
Tgt Ion:149 Resp: 454694

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

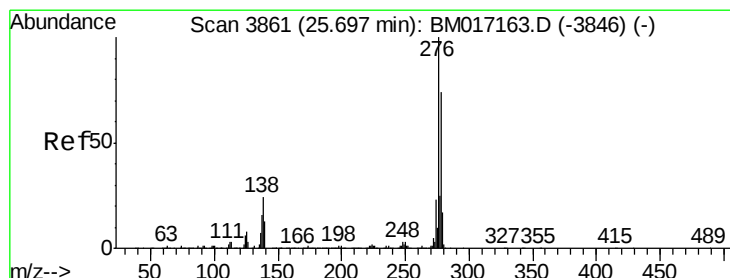
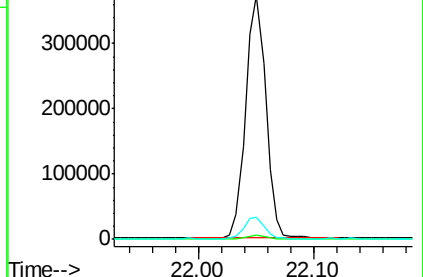
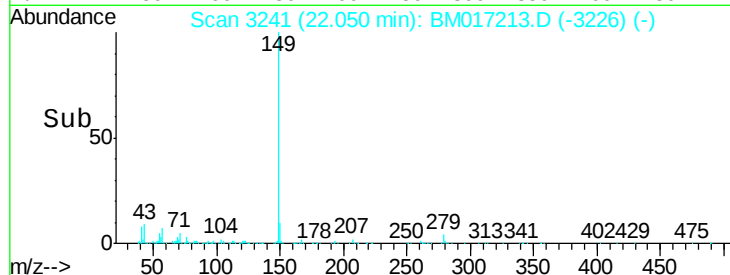
43 8.9 7.2 10.8



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: 5.786 ng

RT: 25.67 min Scan# 3857

Delta R.T. -0.02 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

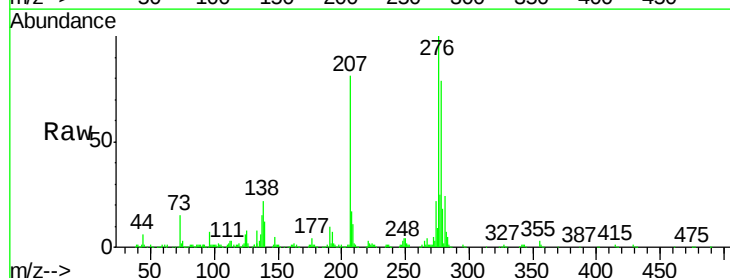
Tgt Ion:276 Resp: 601173

Ion Ratio Lower Upper

276 100

138 22.4 19.5 29.3

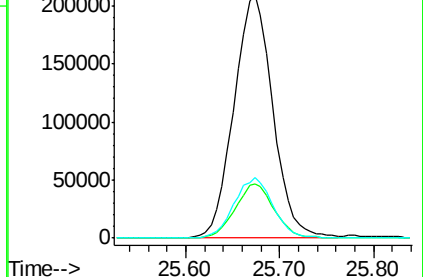
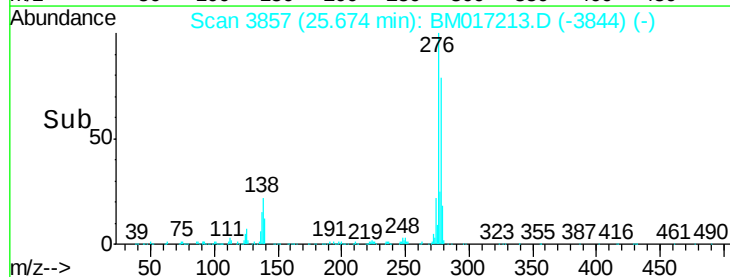
277 25.1 20.1 30.1

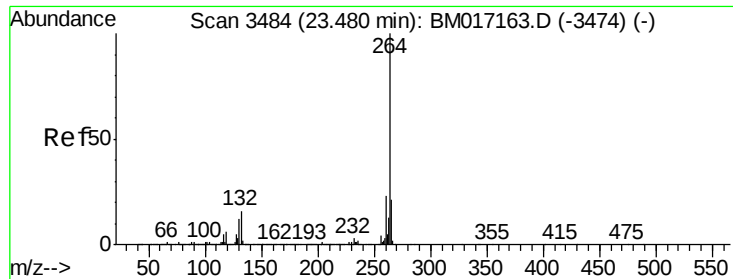


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



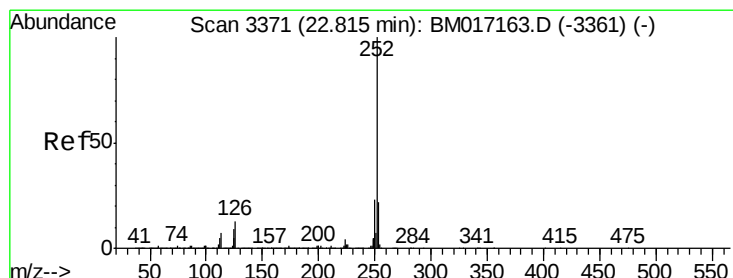
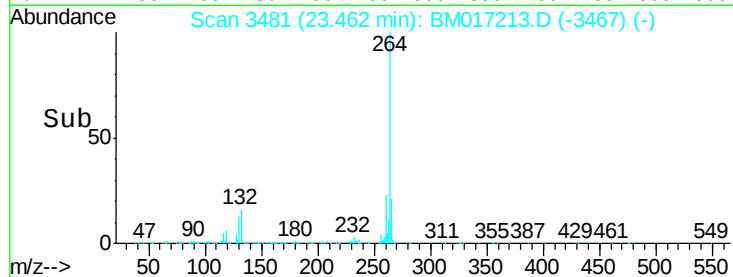
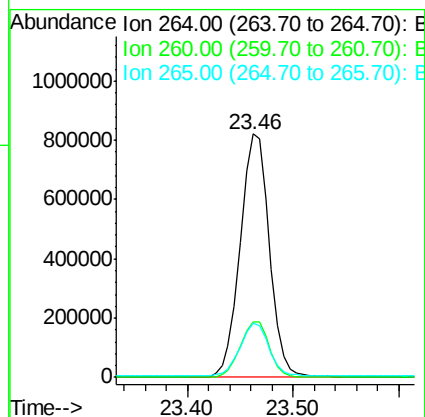
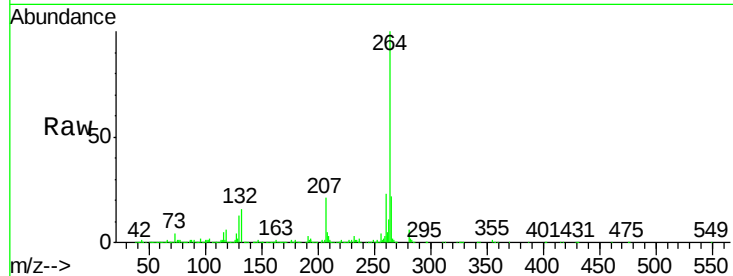


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3481
Delta R.T. -0.02 min
Lab File: BM017213.D
Acq: 19 Oct 2018 03:22

Instrument :
BNA_M
ClientSampleId :
PB113953BS

Tgt Ion:264 Resp: 1577697

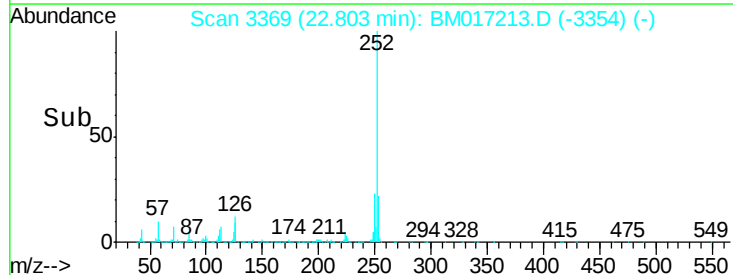
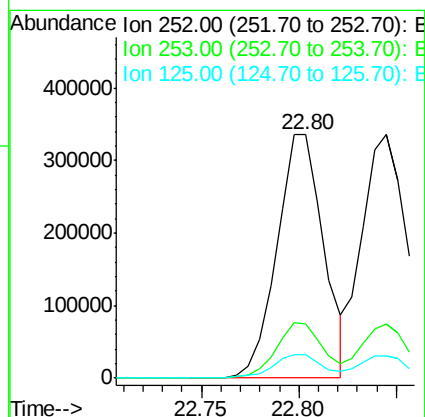
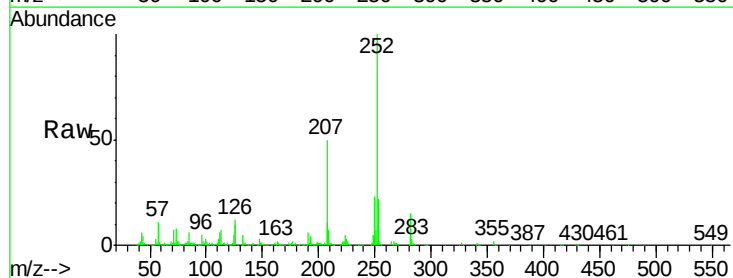
Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	27.8
265	22.1	17.8	26.8

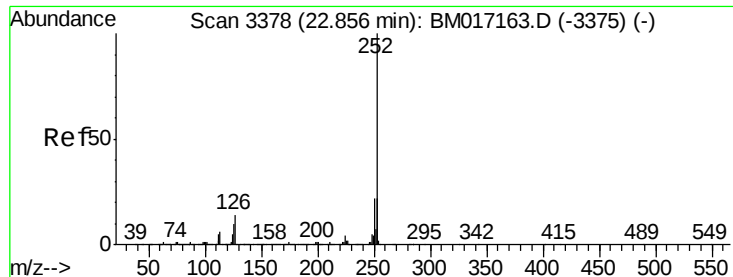


#88
Benzo(b)fluoranthene
Concen: 6.416 ng
RT: 22.80 min Scan# 3369
Delta R.T. -0.01 min
Lab File: BM017213.D
Acq: 19 Oct 2018 03:22

Tgt Ion:252 Resp: 553398

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	9.5	7.5	11.3

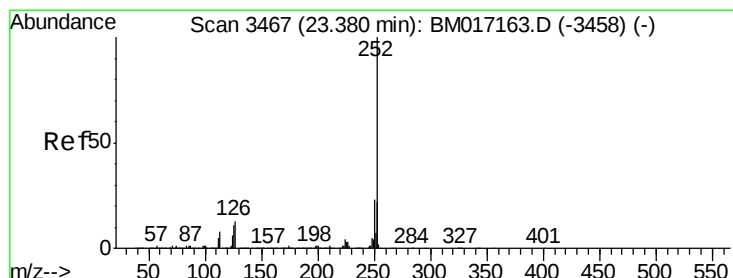
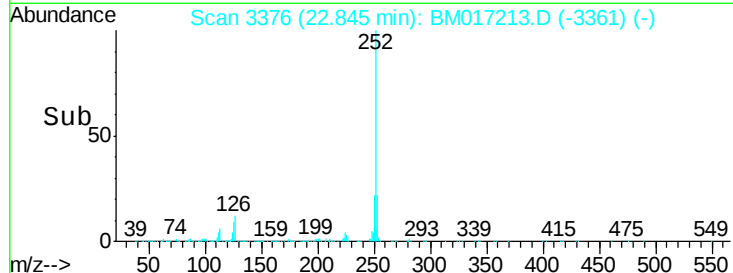
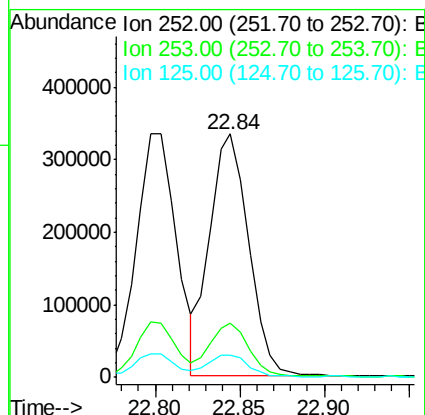
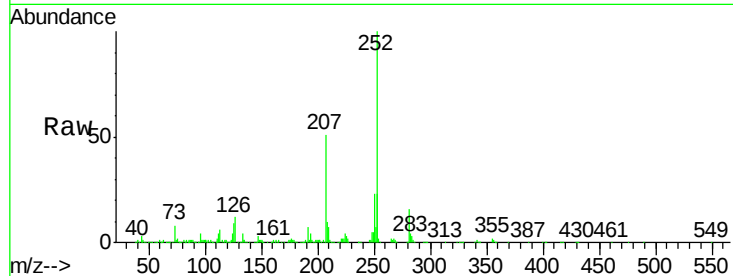




#89
Benzo(k)fluoranthene
Concen: 6.216 ng
RT: 22.84 min Scan# 3376
Delta R.T. -0.01 min
Lab File: BM017213.D
Acq: 19 Oct 2018 03:22

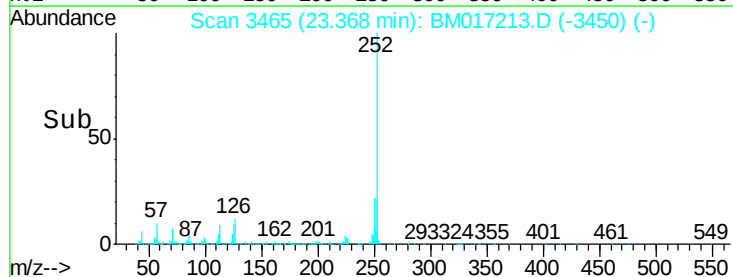
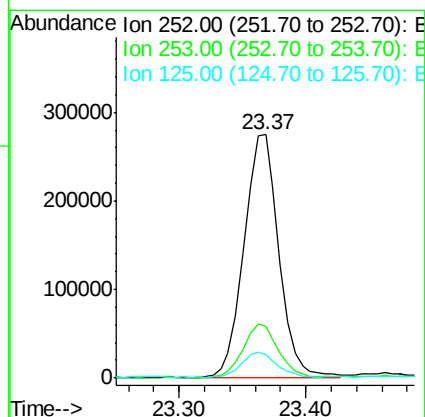
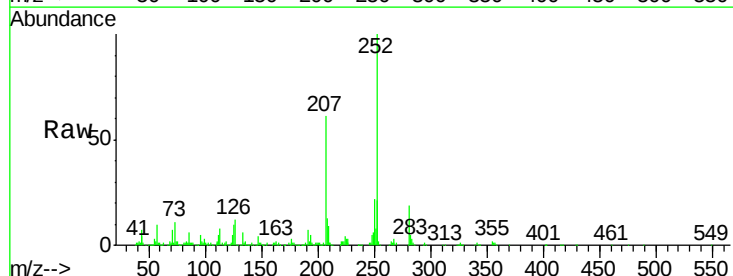
Instrument :
BNA_M
ClientSampleId :
PB113953BS

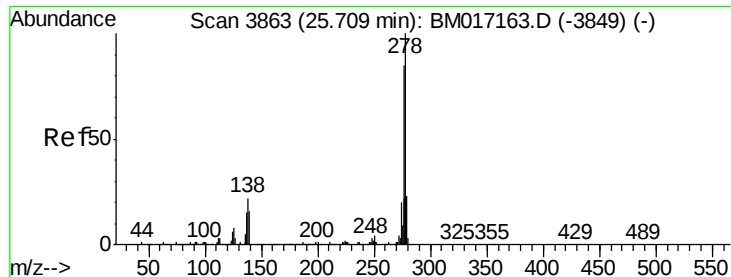
Tgt Ion:252 Resp: 538055
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 9.2 8.2 12.2



#90
Benzo(a)pyrene
Concen: 6.386 ng
RT: 23.37 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BM017213.D
Acq: 19 Oct 2018 03:22

Tgt Ion:252 Resp: 523013
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.0
125 9.9 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 6.263 ng

RT: 25.68 min Scan# 3858

Delta R.T. -0.03 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

Instrument :

BNA_M

ClientSampleId :

PB113953BS

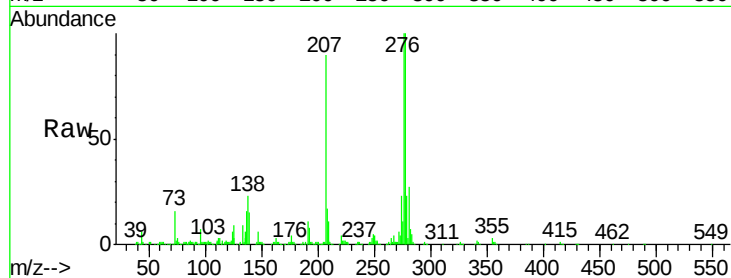
Tgt Ion:278 Resp: 509353

Ion Ratio Lower Upper

278 100

139 14.8 12.7 19.1

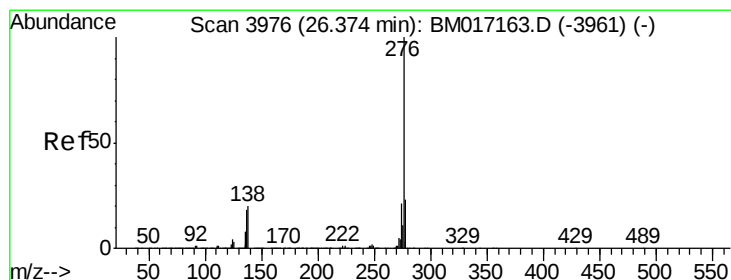
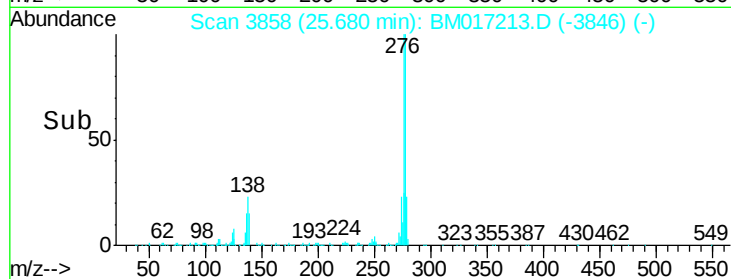
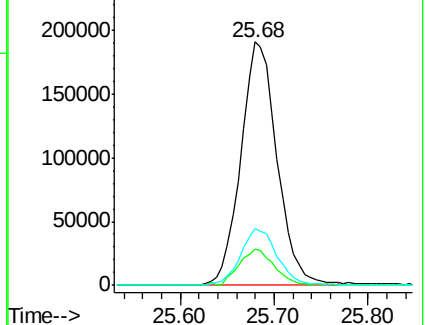
279 23.5 18.7 28.1



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: 6.256 ng

RT: 26.34 min Scan# 3971

Delta R.T. -0.03 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

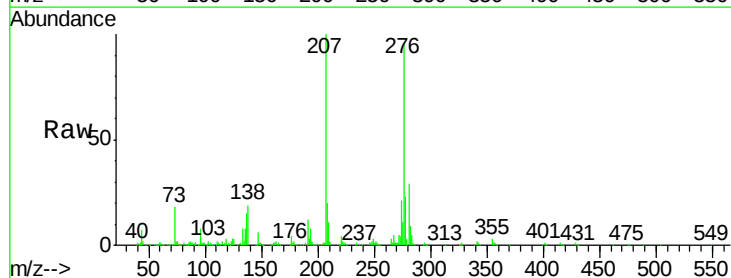
Tgt Ion:276 Resp: 504268

Ion Ratio Lower Upper

276 100

277 24.4 18.6 28.0

138 19.6 16.4 24.6



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

