

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101818\
 Data File : BM017199.D
 Acq On : 18 Oct 2018 18:57
 Operator : MJ/SJ
 Sample : PB113954BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB113954BS

Quant Time: Oct 19 13:50:01 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	235122	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	972693	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	516103	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1076281	20.00	ng	0.00
76) Chrysene-d12	21.25	240	1064162	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1017454	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	1991553	143.26	ng	0.00
7) Phenol-d6	6.85	99	2499652	132.03	ng	0.00
23) Nitrobenzene-d5	8.82	82	1369335	82.33	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	885952	126.94	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	3215646	82.90	ng	0.00
79) Terphenyl-d14	19.70	244	3162383	66.98	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.27	88	311080	43.822	ng	# 86
3) Pyridine	3.65	79	628939	38.506	ng	# 85
4) n-Nitrosodimethylamine	3.56	42	291049	44.388	ng	# 71
6) Aniline	7.01	93	898712	37.950	ng	97
8) 2-Chlorophenol	7.24	128	706223	43.913	ng	96
9) Benzaldehyde	6.82	77	347724	28.804	ng	94
10) Phenol	6.88	94	857639	42.089	ng	98
11) bis(2-Chloroethyl)ether	7.11	93	642259	39.539	ng	100
12) 1,3-Dichlorobenzene	7.56	146	749603	39.984	ng	97
13) 1,4-Dichlorobenzene	7.70	146	768242	40.108	ng	99
14) 1,2-Dichlorobenzene	8.02	146	733604	39.752	ng	99
15) Benzyl Alcohol	7.92	79	595365	43.020	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.20	45	856757	37.753	ng	99
17) 2-Methylphenol	8.11	107	562204	42.985	ng	97
18) Hexachloroethane	8.73	117	273446	41.715	ng	98
19) n-Nitroso-di-n-propylamine	8.47	70	497018	39.868	ng	98
20) 3+4-Methylphenols	8.44	107	755146	42.214	ng	97
22) Acetophenone	8.49	105	1015725	41.195	ng	99
24) Nitrobenzene	8.86	77	747156	42.471	ng	94
25) Isophorone	9.39	82	1274441	46.406	ng	99
26) 2-Nitrophenol	9.57	139	344972	42.624	ng	98
27) 2,4-Dimethylphenol	9.63	122	613320	50.505	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	822770	42.565	ng	99
29) 2,4-Dichlorophenol	10.10	162	629952	44.679	ng	99
30) 1,2,4-Trichlorobenzene	10.31	180	684501	40.469	ng	100
31) Naphthalene	10.49	128	2061819	43.254	ng	99
32) Benzoic acid	9.77	122	377389	41.651	ng	89
33) 4-Chloroaniline	10.62	127	490786	23.839	ng	98
34) Hexachlorobutadiene	10.77	225	429096	40.039	ng	99
35) Caprolactam	11.40	113	171018	33.282	ng	# 86
36) 4-Chloro-3-methylphenol	11.74	107	656173	41.287	ng	97
37) 2-Methylnaphthalene	12.11	142	1479069	45.344	ng	98
38) 1-Methylnaphthalene	12.33	142	1401276	44.138	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	778632	42.840	ng	98

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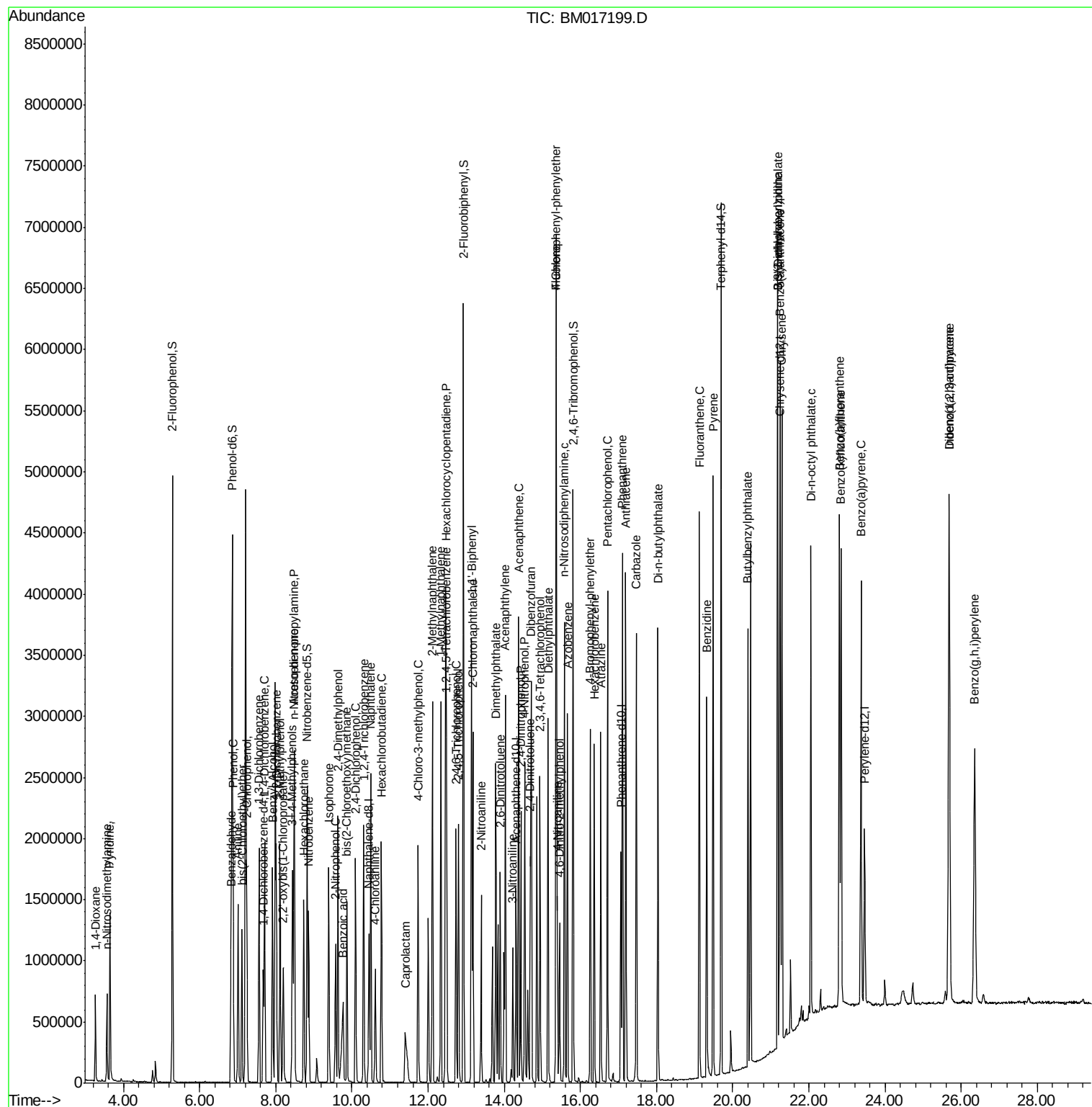
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	1120249	127.495	ng	99
43) 2,4,6-Trichlorophenol	12.73	196	482338	45.715	ng	98
44) 2,4,5-Trichlorophenol	12.80	196	524451	46.354	ng	99
46) 1,1'-Biphenyl	13.14	154	1876642	40.407	ng	100
47) 2-Chloronaphthalene	13.18	162	1432260	41.919	ng	99
48) 2-Nitroaniline	13.39	65	393466	41.619	ng	97
49) Acenaphthylene	14.03	152	2280059	46.038	ng	99
50) Dimethylphthalate	13.78	163	1687668	42.385	ng	100
51) 2,6-Dinitrotoluene	13.90	165	362219	41.332	ng	98
52) Acenaphthene	14.37	154	1323088	42.549	ng	99
53) 3-Nitroaniline	14.23	138	273376	28.802	ng	95
54) 2,4-Dinitrophenol	14.43	184	445999	86.055	ng	98
55) Dibenzofuran	14.72	168	2094699	40.508	ng	99
56) 4-Nitrophenol	14.54	139	641197	74.469	ng	95
57) 2,4-Dinitrotoluene	14.69	165	498967	42.362	ng	98
58) Fluorene	15.36	166	1664904	43.498	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.94	232	463281	44.922	ng	98
60) Diethylphthalate	15.15	149	1633863	41.376	ng	100
61) 4-Chlorophenyl-phenylether	15.36	204	856485	39.251	ng	97
62) 4-Nitroaniline	15.39	138	372268	36.418	ng	90
63) Azobenzene	15.66	77	1584789	41.291	ng	98
65) 4,6-Dinitro-2-methylphenol	15.45	198	279651	41.562	ng	97
66) n-Nitrosodiphenylamine	15.58	169	1443101	44.318	ng	99
67) 4-Bromophenyl-phenylether	16.26	248	528809	44.747	ng	95
68) Hexachlorobenzene	16.36	284	569509	41.487	ng	96
69) Atrazine	16.54	200	505101	43.340	ng	99
70) Pentachlorophenol	16.71	266	686270	72.979	ng	99
71) Phenanthrene	17.10	178	2534201	43.641	ng	99
72) Anthracene	17.19	178	2567369	46.531	ng	100
73) Carbazole	17.47	167	2233234	39.623	ng	100
74) Di-n-butylphthalate	18.04	149	2537608	42.687	ng	99
75) Fluoranthene	19.12	202	2773561	42.446	ng	99
77) Benzidine	19.32	184	1745755	64.697	ng	98
78) Pyrene	19.49	202	2816608	47.357	ng	100
80) Butylbenzylphthalate	20.40	149	1045371	46.459	ng	92
81) Benzo(a)anthracene	21.24	228	2665797	44.515	ng	99
82) 3,3'-Dichlorobenzidine	21.18	252	680596	30.494	ng	99
83) Chrysene	21.29	228	2544827	42.933	ng	100
84) Bis(2-ethylhexyl)phthalate	21.18	149	1499484	43.822	ng	100
85) Di-n-octyl phthalate	22.05	149	2456821	42.590	ng	100
86) Indeno(1,2,3-cd)pyrene	25.68	276	3001558	45.274	ng	98
88) Benzo(b)fluoranthene	22.80	252	2669565	47.990	ng	100
89) Benzo(k)fluoranthene	22.85	252	2481421	44.455	ng	98
90) Benzo(a)pyrene	23.37	252	2492469	47.191	ng	99
91) Dibenzo(a,h)anthracene	25.69	278	2531646	48.272	ng	99
92) Benzo(g,h,i)perylene	26.36	276	2558560	49.222	ng	99

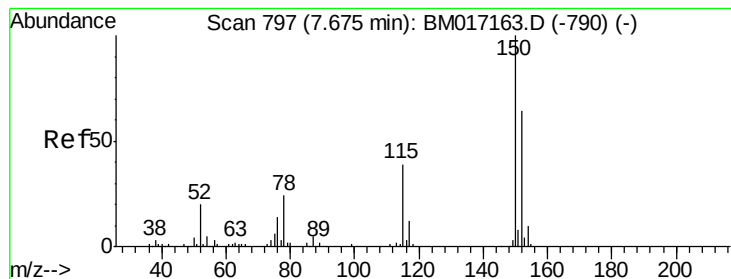
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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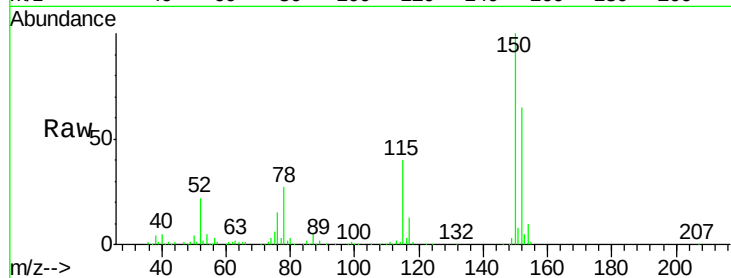


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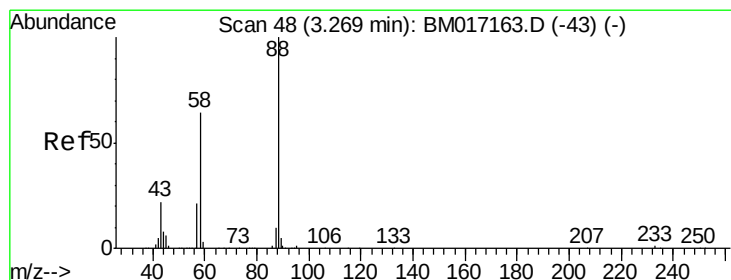
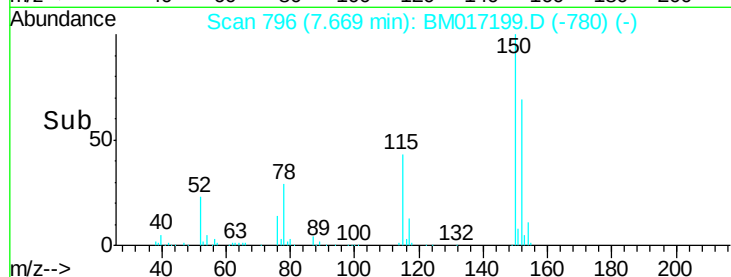
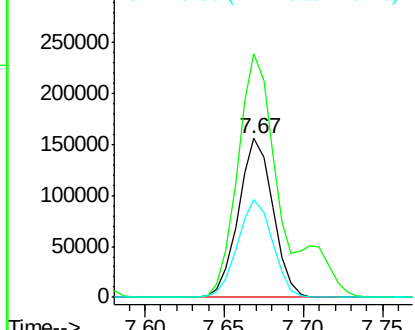
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM017199.D
Acq: 18 Oct 2018 18:57

Instrument :
BNA_M
ClientSampleId :
PB113954BS

Tgt Ion: 152 Resp: 235122
Ion Ratio Lower Upper
152 100
150 153.5 124.3 186.5
115 62.0 48.1 72.1



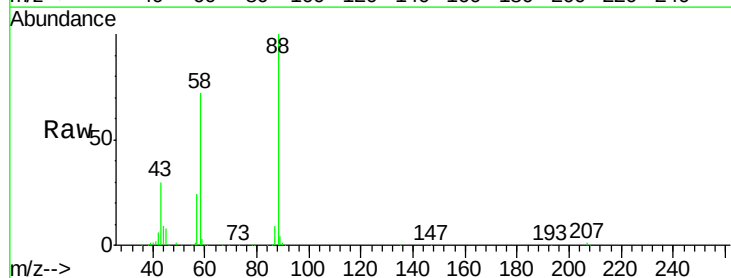
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



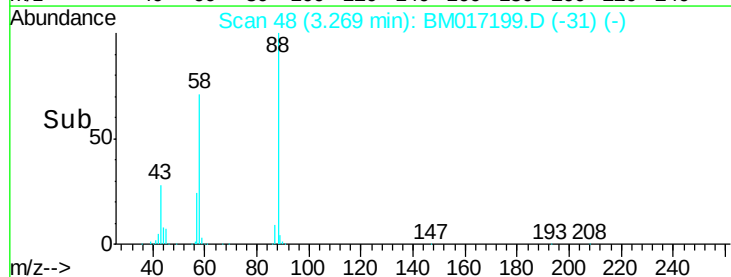
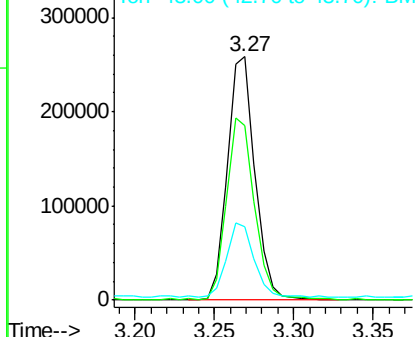
#2

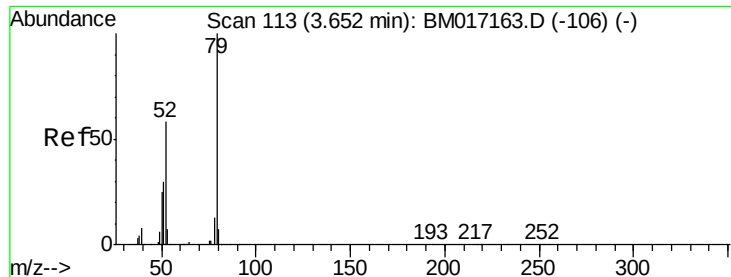
1,4-Dioxane
Concen: 43.822 ng
RT: 3.27 min Scan# 48
Delta R.T. -0.00 min
Lab File: BM017199.D
Acq: 18 Oct 2018 18:57

Tgt Ion: 88 Resp: 311080
Ion Ratio Lower Upper
88 100
58 74.9 50.2 75.4
43 29.7 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: 38.506 ng

RT: 3.65 min Scan# 112

Delta R.T. -0.01 min

Lab File: BM017199.D

Acq: 18 Oct 2018 18:57

Instrument :

BNA_M

ClientSampleId :

PB113954BS

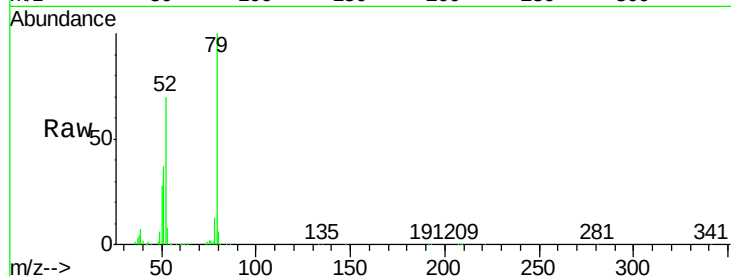
Tgt Ion: 79 Resp: 628939

Ion Ratio Lower Upper

79 100

52 70.3 46.5 69.7#

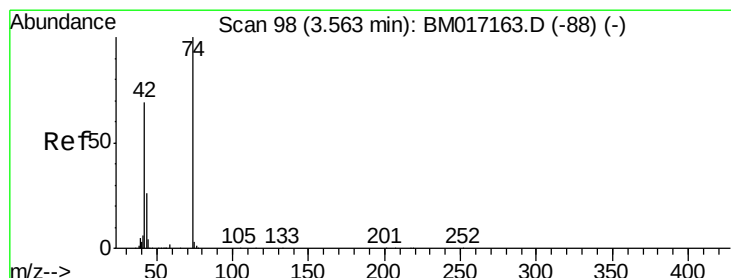
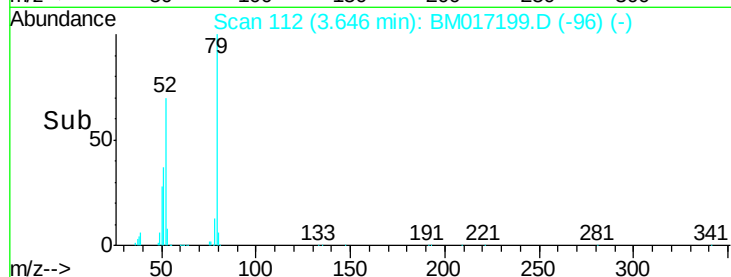
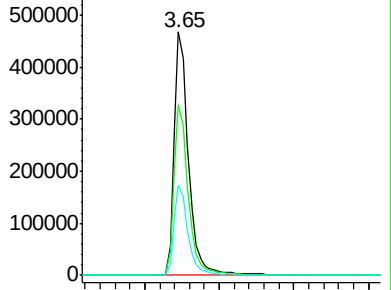
51 37.2 24.6 37.0#



Abundance Ion 79.00 (78.70 to 79.70): BM017163.D (-106) (-)

Ion 52.00 (51.70 to 52.70): BM017163.D (-106) (-)

Ion 51.00 (50.70 to 51.70): BM017163.D (-106) (-)



#4

n-Nitrosodimethylamine

Concen: 44.388 ng

RT: 3.56 min Scan# 98

Delta R.T. -0.00 min

Lab File: BM017199.D

Acq: 18 Oct 2018 18:57

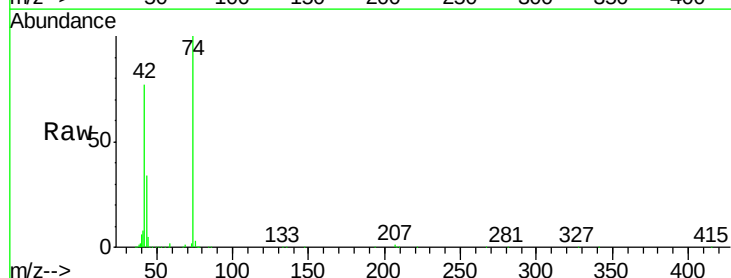
Tgt Ion: 42 Resp: 291049

Ion Ratio Lower Upper

42 100

74 130.1 114.4 171.6

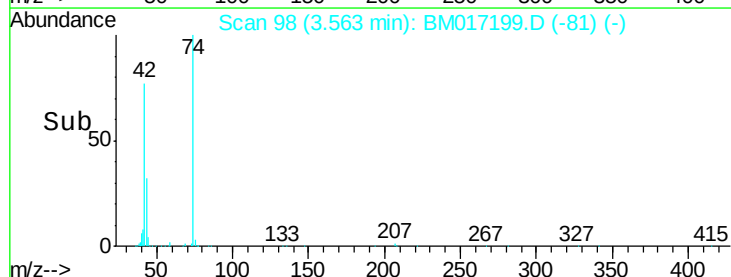
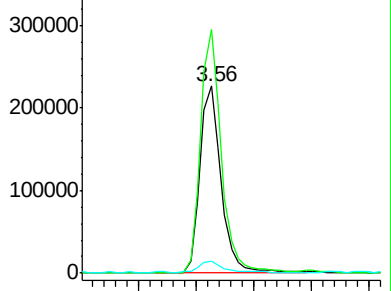
44 6.3 48.6 73.0#

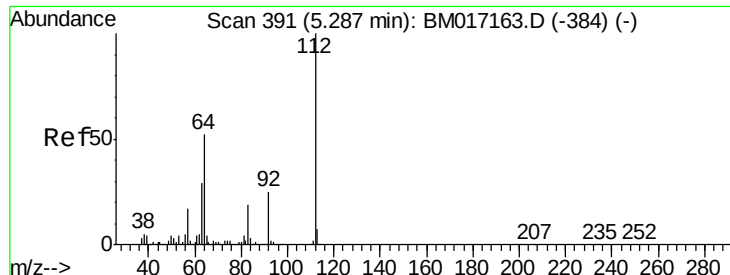


Abundance Ion 42.00 (41.70 to 42.70): BM017163.D (-88) (-)

Ion 74.00 (73.70 to 74.70): BM017163.D (-88) (-)

Ion 44.00 (43.70 to 44.70): BM017163.D (-88) (-)





#5

2-Fluorophenol

Concen: 143.261 ng

RT: 5.29 min Scan# 391

Delta R.T. 0.00 min

Lab File: BM017199.D

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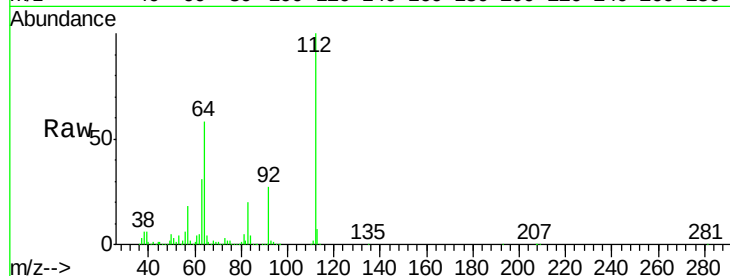
Tgt Ion: 112 Resp: 1991553

Ion Ratio Lower Upper

112 100

64 58.1 41.7 62.5

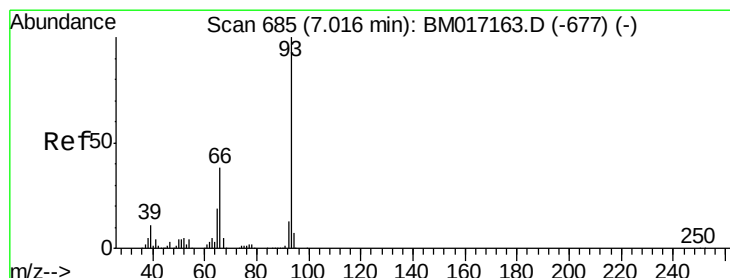
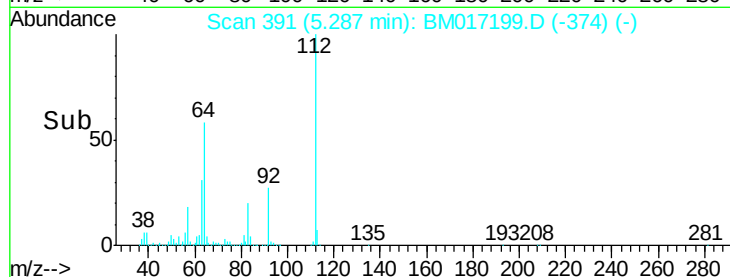
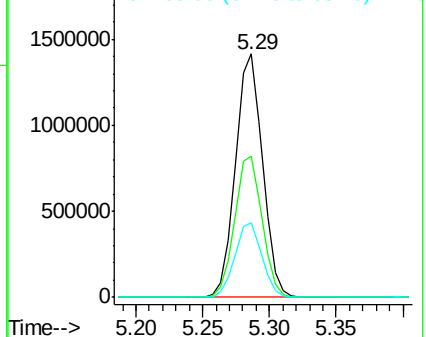
63 30.8 23.0 34.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 37.950 ng

RT: 7.01 min Scan# 684

Delta R.T. -0.01 min

Lab File: BM017199.D

Acq: 18 Oct 2018 18:57

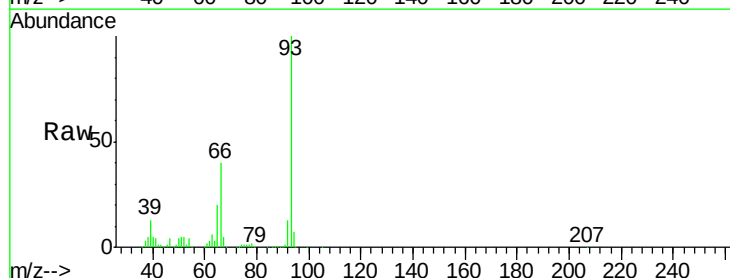
Tgt Ion: 93 Resp: 898712

Ion Ratio Lower Upper

93 100

66 39.8 30.4 45.6

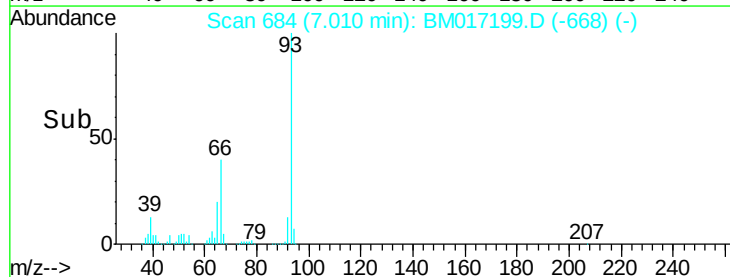
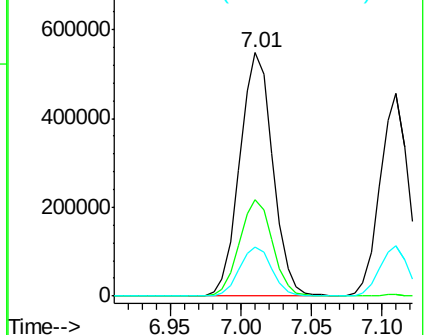
65 20.0 15.3 22.9

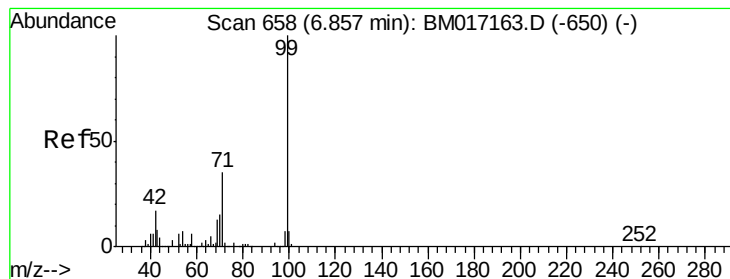


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 132.025 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

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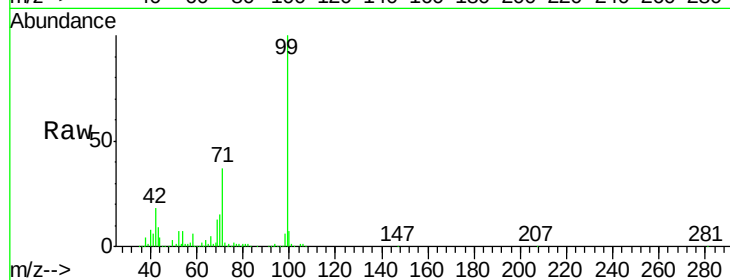
Tgt Ion: 99 Resp: 2499652

Ion Ratio Lower Upper

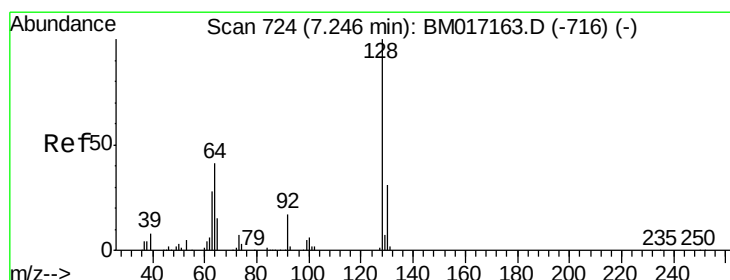
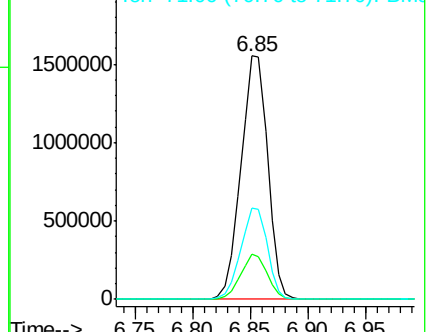
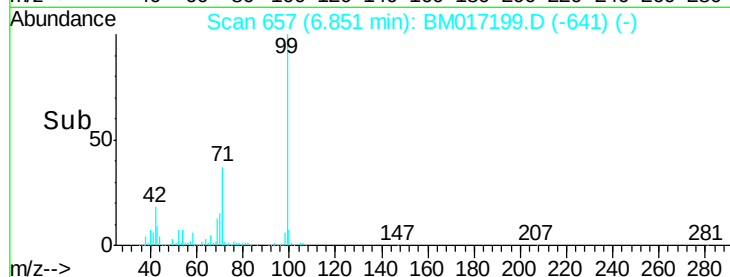
99 100

42 18.4 13.3 19.9

71 37.4 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017163.D (-650) (-)



#8

2-Chlorophenol

Concen: 43.913 ng

RT: 7.24 min Scan# 723

Delta R.T. -0.01 min

Lab File: BM017199.D

Acq: 18 Oct 2018 18:57

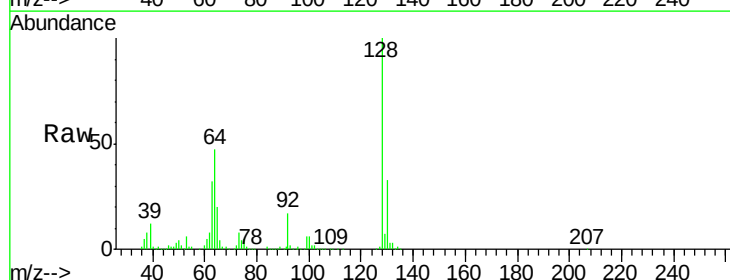
Tgt Ion: 128 Resp: 706223

Ion Ratio Lower Upper

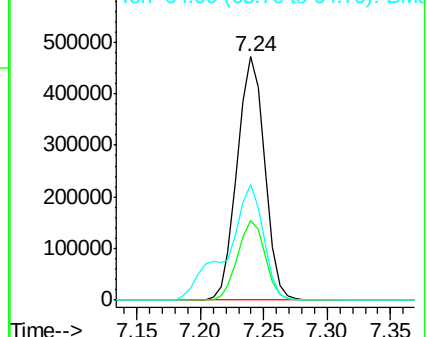
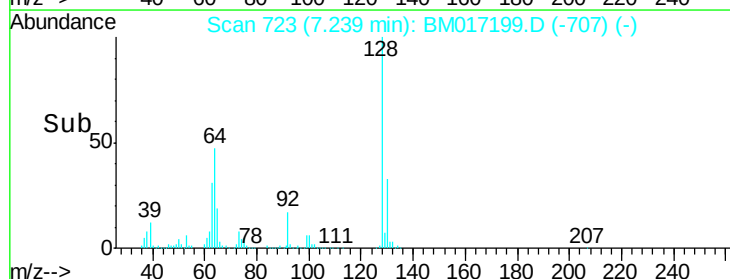
128 100

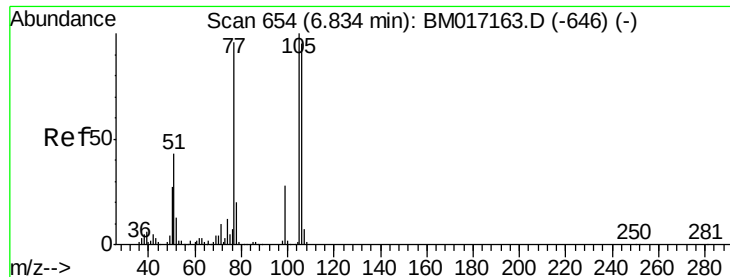
130 33.0 11.0 51.0

64 47.4 24.1 64.1



Abundance Ion 128.00 (127.70 to 128.70): BM017163.D (-716) (-)





#9

Benzaldehyde

Concen: 28.804 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.01 min

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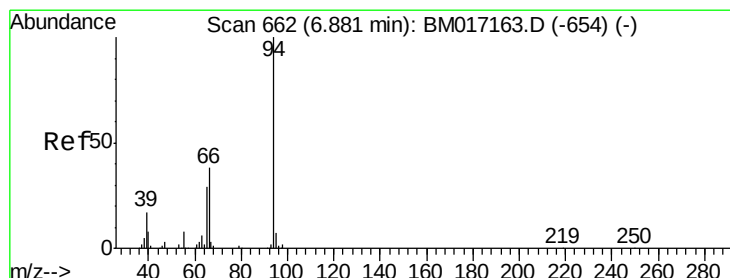
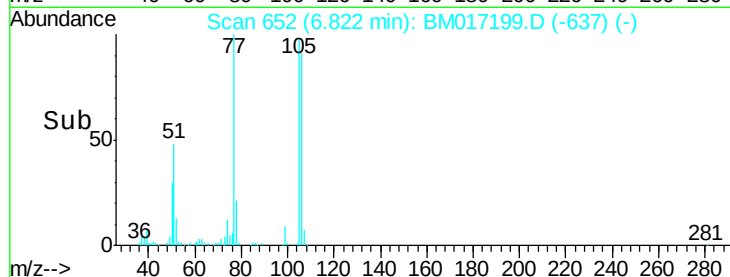
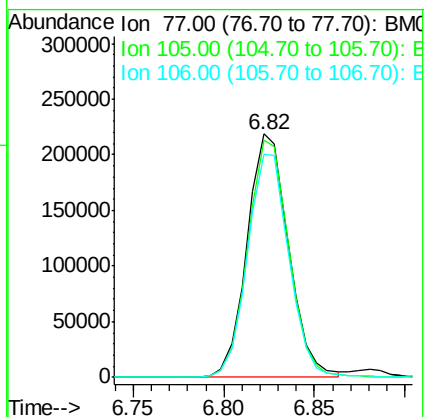
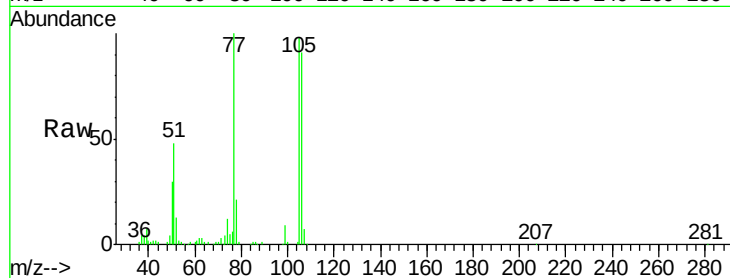
Tgt Ion: 77 Resp: 347724

Ion Ratio Lower Upper

77 100

105 97.7 83.9 123.9

106 91.5 78.2 118.2



#10

Phenol

Concen: 42.089 ng

RT: 6.88 min Scan# 662

Delta R.T. -0.00 min

Lab File: BM017199.D

Acq: 18 Oct 2018 18:57

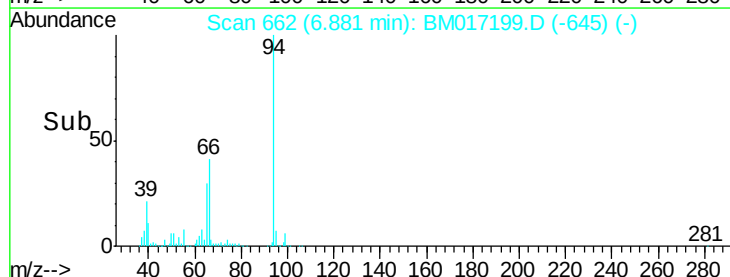
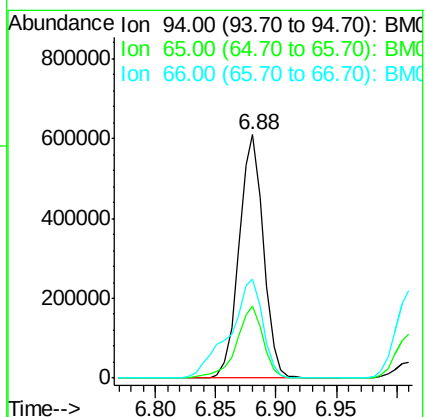
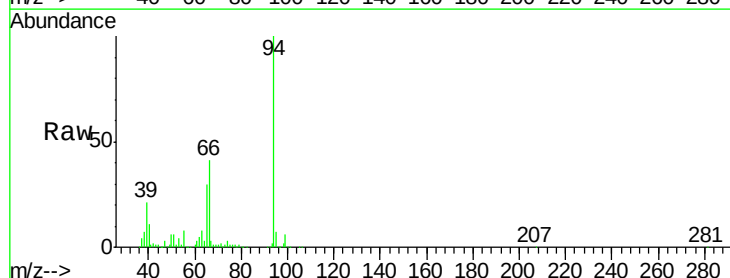
Tgt Ion: 94 Resp: 857639

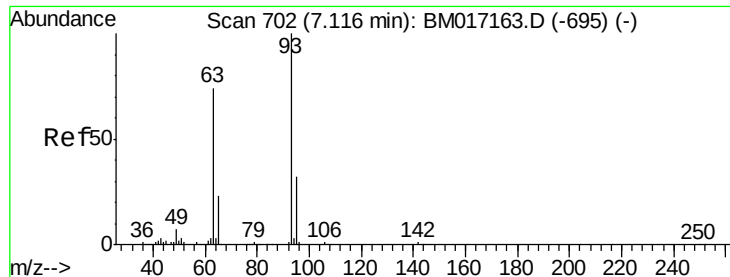
Ion Ratio Lower Upper

94 100

65 29.8 9.4 49.4

66 40.7 19.0 59.0

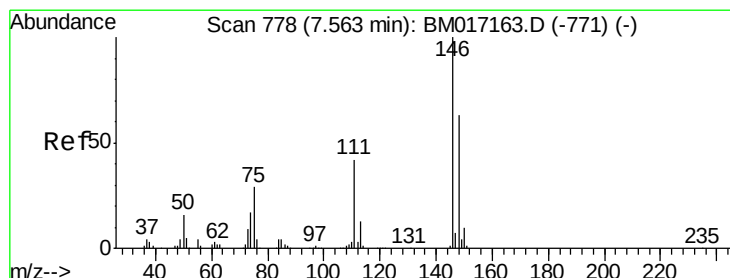
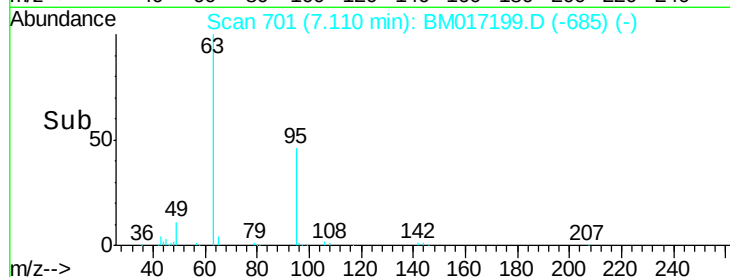
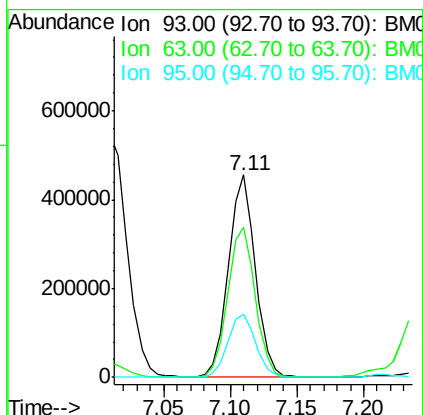
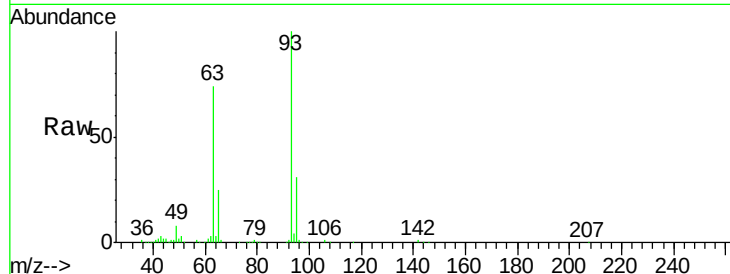




#11
bis(2-Chloroethyl)ether
Concen: 39.539 ng
RT: 7.11 min Scan# 701
Delta R.T. -0.01 min
Lab File: BM017199.D
Acq: 18 Oct 2018 18:57

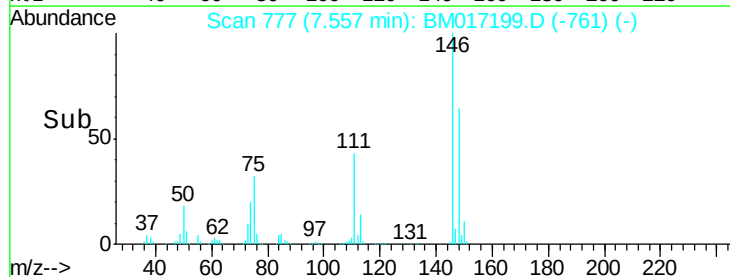
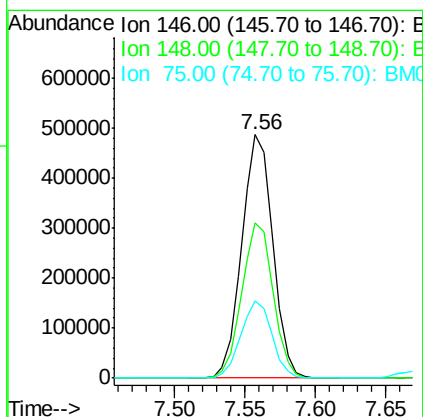
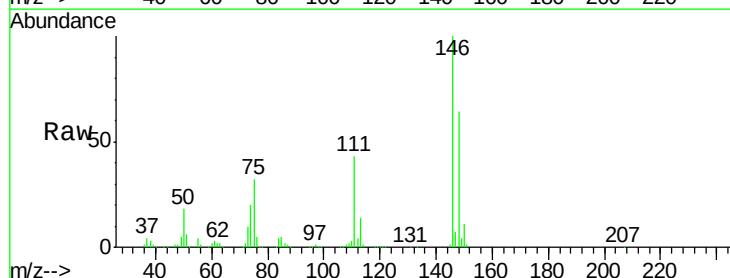
Instrument :
BNA_M
ClientSampleId :
PB113954BS

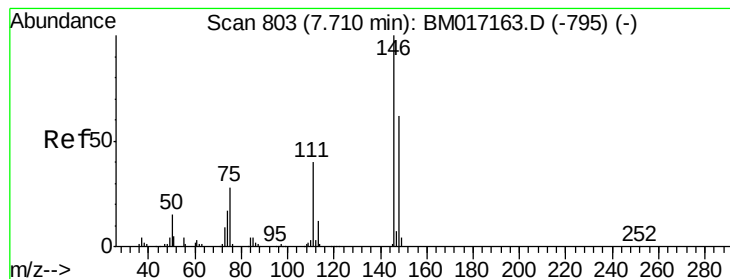
Tgt Ion: 93 Resp: 642259
Ion Ratio Lower Upper
93 100
63 74.0 54.0 94.0
95 31.4 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 39.984 ng
RT: 7.56 min Scan# 777
Delta R.T. -0.01 min
Lab File: BM017199.D
Acq: 18 Oct 2018 18:57

Tgt Ion: 146 Resp: 749603
Ion Ratio Lower Upper
146 100
148 63.9 50.2 75.4
75 31.8 23.3 34.9





#13

1,4-Dichlorobenzene

Concen: 40.108 ng

RT: 7.70 min Scan# 802

Delta R.T. -0.01 min

Lab File: BM017199.D

Acq: 18 Oct 2018 18:57

Instrument :

BNA_M

ClientSampleId :

PB113954BS

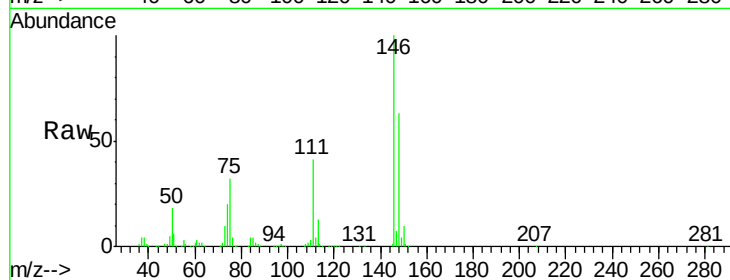
Tgt Ion:146 Resp: 768242

Ion Ratio Lower Upper

146 100

148 62.9 49.8 74.6

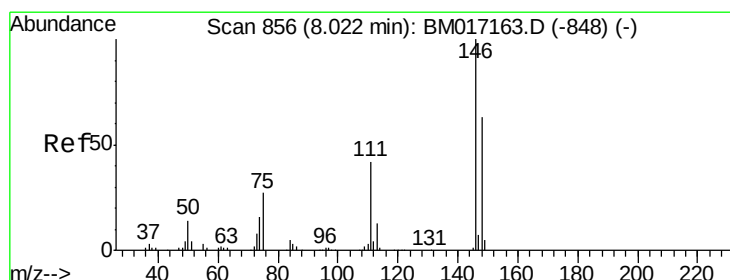
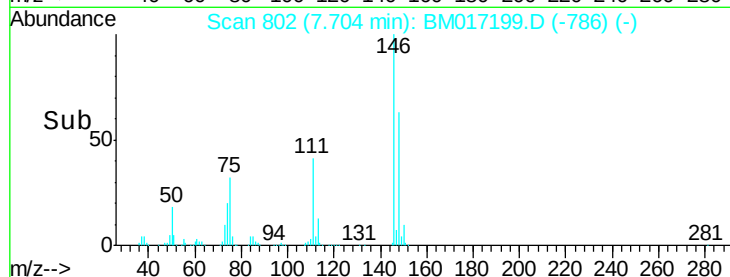
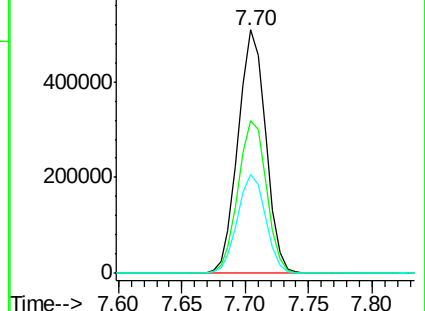
111 40.8 32.1 48.1



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: 39.752 ng

RT: 8.02 min Scan# 855

Delta R.T. -0.01 min

Lab File: BM017199.D

Acq: 18 Oct 2018 18:57

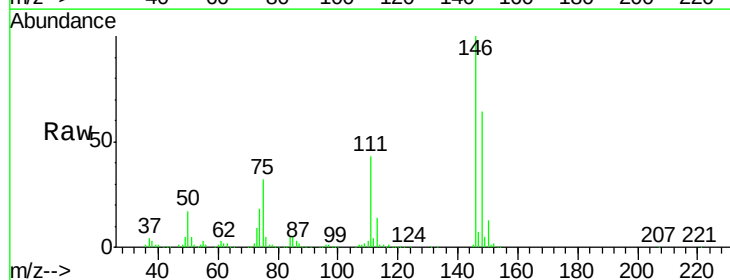
Tgt Ion:146 Resp: 733604

Ion Ratio Lower Upper

146 100

148 64.3 50.8 76.2

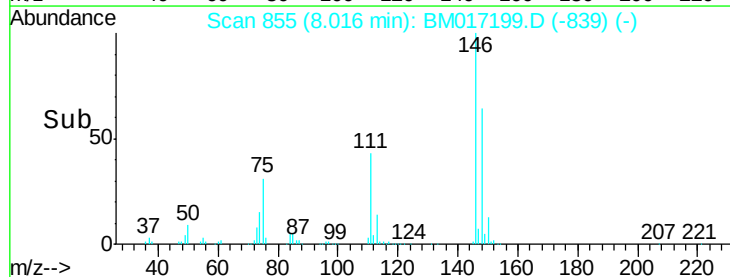
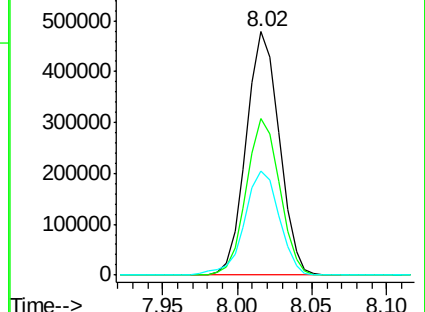
111 42.8 33.8 50.6

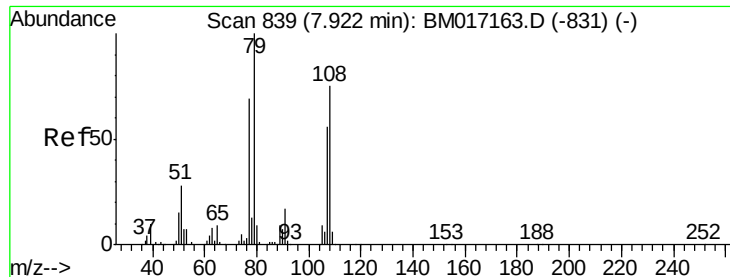


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.020 ng

RT: 7.92 min Scan# 838

Delta R.T. -0.01 min

Lab File: BM017199.D

Acq: 18 Oct 2018 18:57

Instrument :

BNA_M

ClientSampleId :

PB113954BS

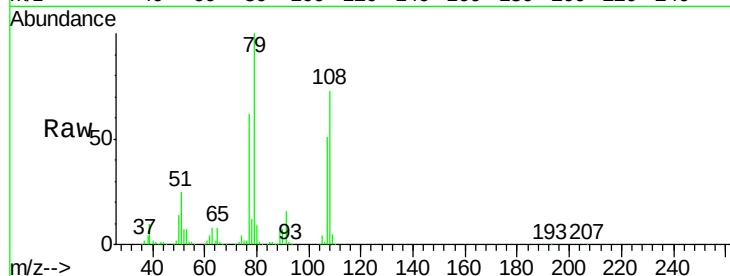
Tgt Ion: 79 Resp: 595365

Ion Ratio Lower Upper

79 100

108 72.8 60.3 90.5

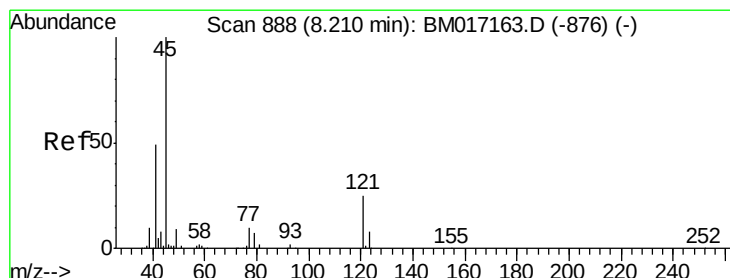
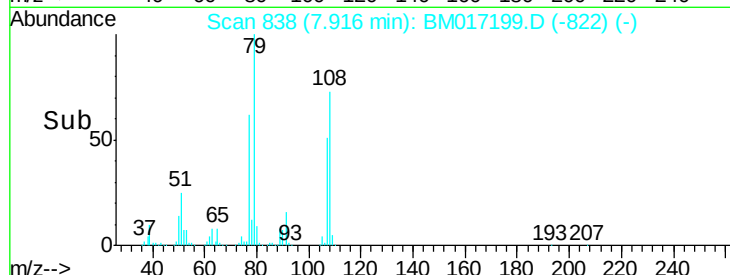
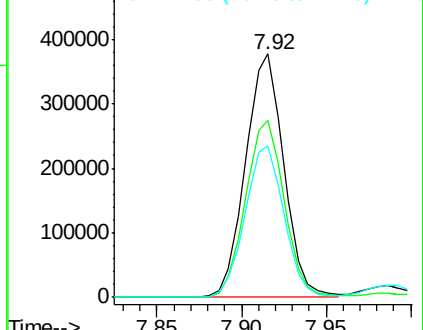
77 62.4 54.8 82.2



Abundance Ion 79.00 (78.70 to 79.70): BM017163.D (-831) (-)

Ion 108.00 (107.70 to 108.70): BM017163.D (-831) (-)

Ion 77.00 (76.70 to 77.70): BM017163.D (-831) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.753 ng

RT: 8.20 min Scan# 887

Delta R.T. -0.01 min

Lab File: BM017199.D

Acq: 18 Oct 2018 18:57

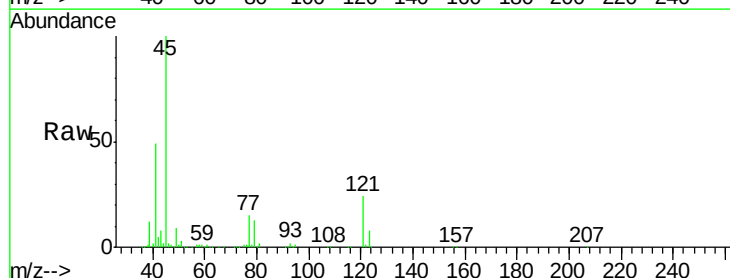
Tgt Ion: 45 Resp: 856757

Ion Ratio Lower Upper

45 100

77 15.5 0.0 35.5

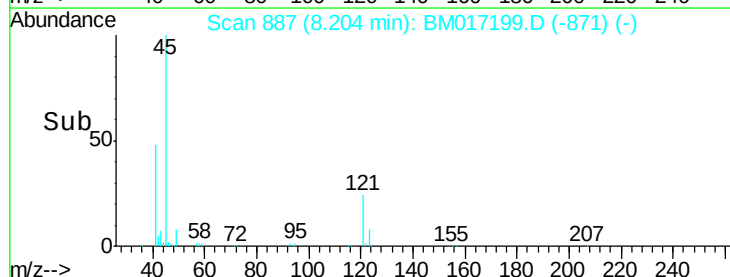
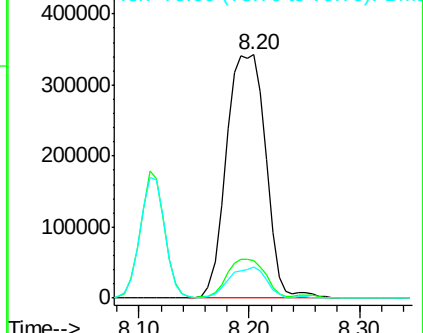
79 12.6 0.0 32.1

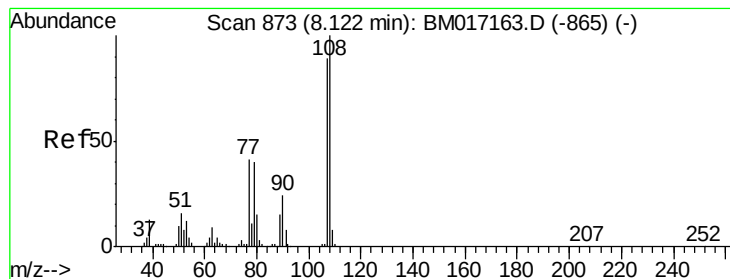


Abundance Ion 45.00 (44.70 to 45.70): BM017163.D (-876) (-)

Ion 77.00 (76.70 to 77.70): BM017163.D (-876) (-)

Ion 79.00 (78.70 to 79.70): BM017163.D (-876) (-)





#17

2-Methylphenol

Concen: 42.985 ng

RT: 8.11 min Scan# 871

Delta R.T. -0.01 min

Lab File: BM017199.D

Acq: 18 Oct 2018 18:57

Instrument :

BNA_M

ClientSampleId :

PB113954BS

Tgt Ion:107 Resp: 562204

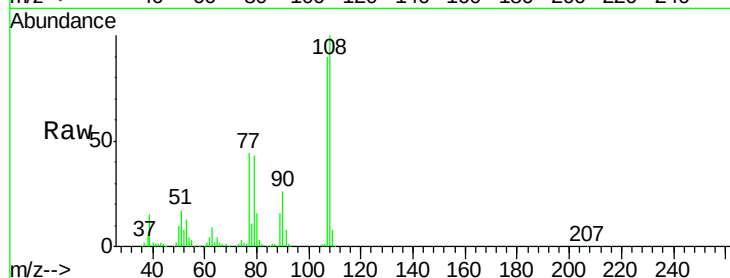
Ion Ratio Lower Upper

107 100

108 111.3 90.3 135.5

77 49.4 37.0 55.4

79 47.3 35.8 53.6



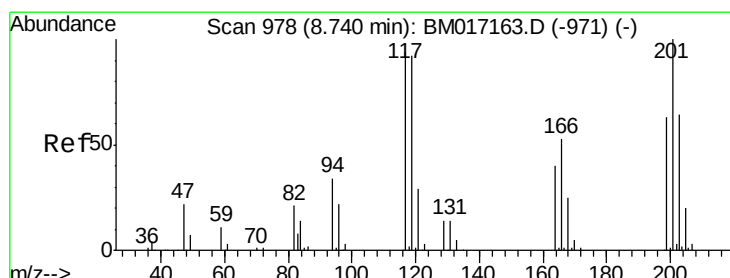
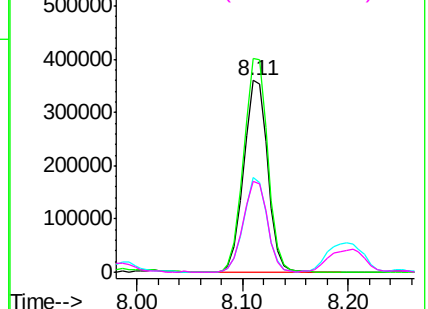
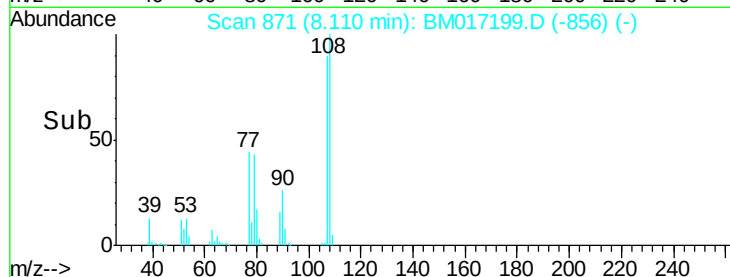
Abundance

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: 41.715 ng

RT: 8.73 min Scan# 977

Delta R.T. -0.01 min

Lab File: BM017199.D

Acq: 18 Oct 2018 18:57

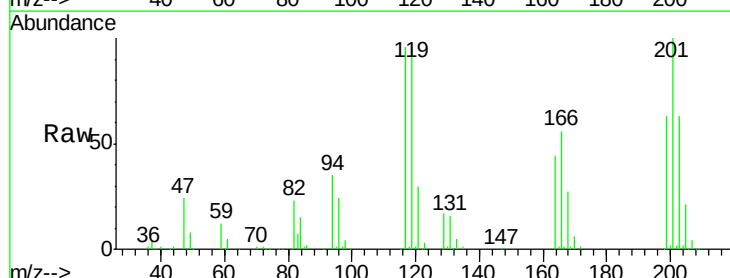
Tgt Ion:117 Resp: 273446

Ion Ratio Lower Upper

117 100

119 99.5 78.2 117.2

201 103.7 85.3 127.9

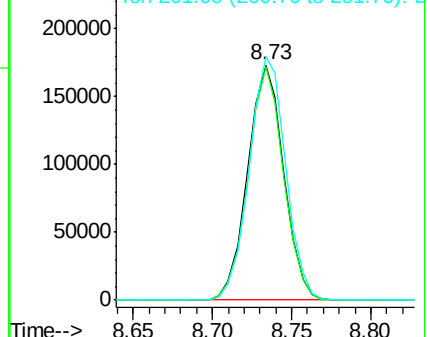
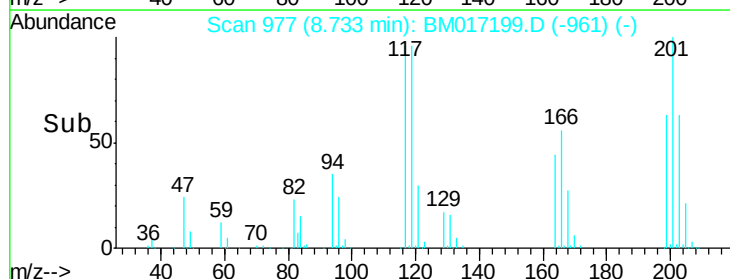


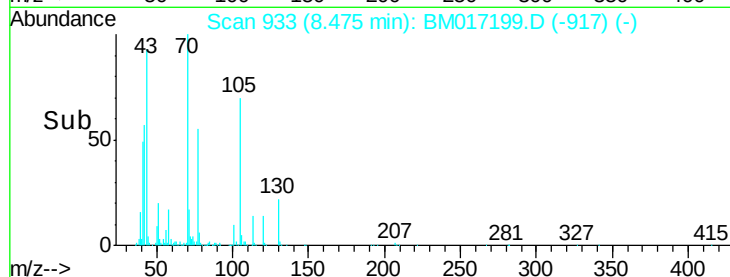
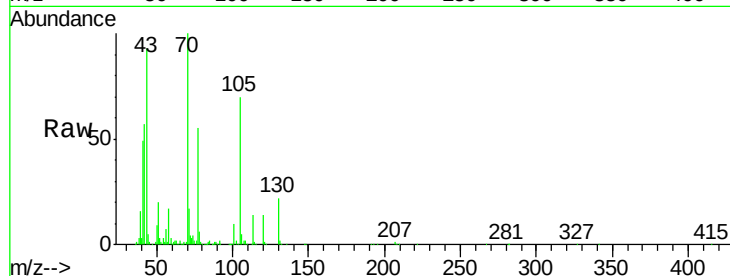
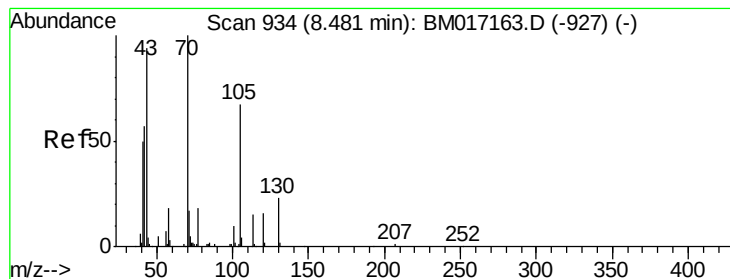
Abundance

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: 39.868 ng

RT: 8.47 min Scan# 933

Delta R.T. -0.01 min

Lab File: BM017199.D

Acq: 18 Oct 2018 18:57

Instrument :

BNA_M

ClientSampleId :

PB113954BS

Tgt Ion: 70 Resp: 497018

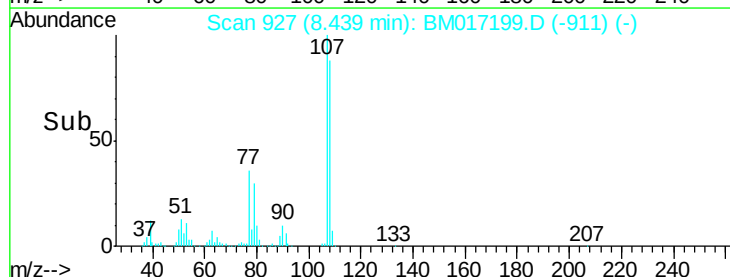
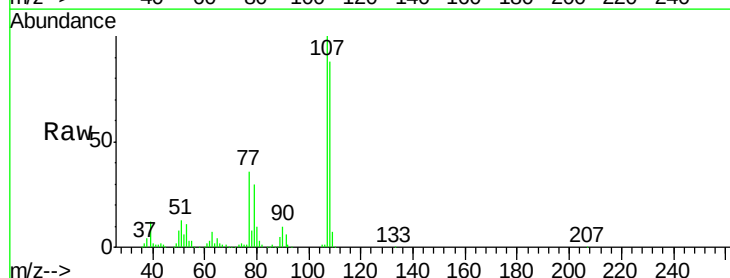
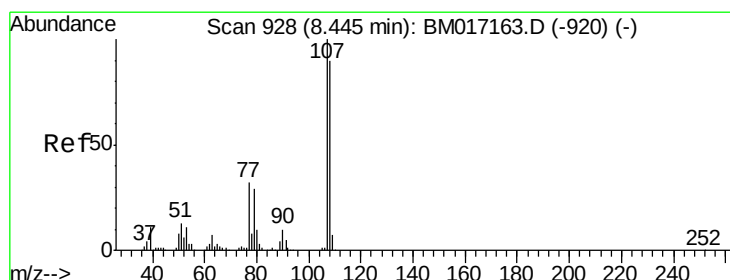
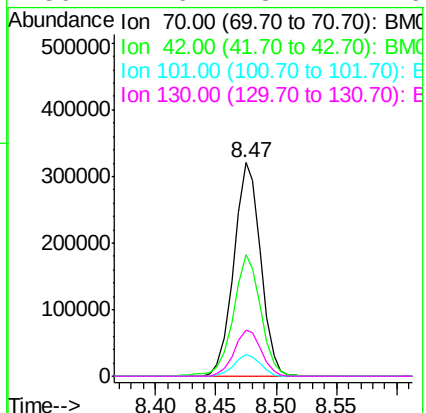
Ion Ratio Lower Upper

70 100

42 56.7 46.1 69.1

101 10.0 8.2 12.4

130 21.6 18.4 27.6



#20

3+4-Methylphenols

Concen: 42.214 ng

RT: 8.44 min Scan# 927

Delta R.T. -0.01 min

Lab File: BM017199.D

Acq: 18 Oct 2018 18:57

Tgt Ion: 107 Resp: 755146

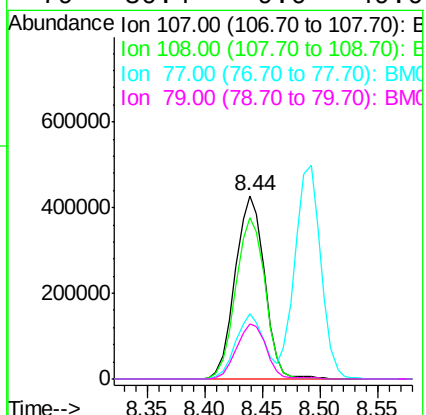
Ion Ratio Lower Upper

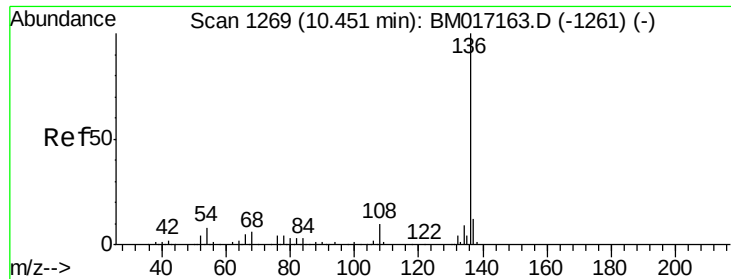
107 100

108 87.9 69.9 109.9

77 35.9 12.2 52.2

79 30.4 9.0 49.0

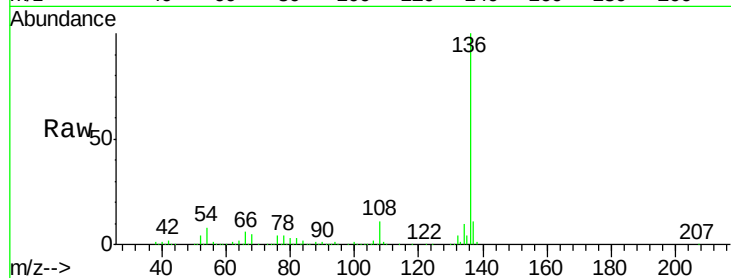




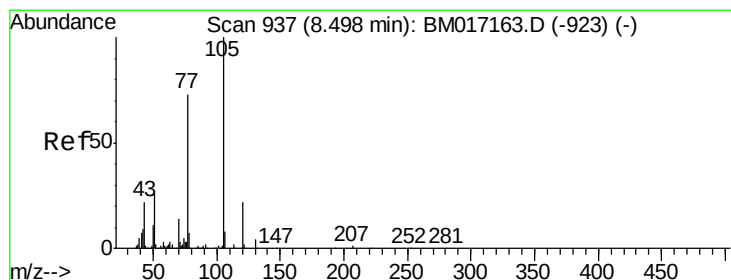
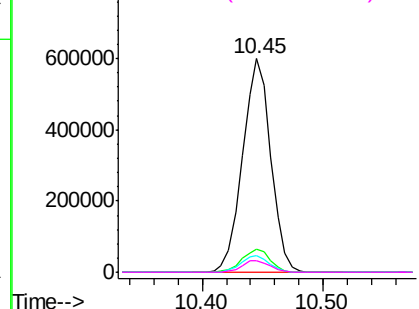
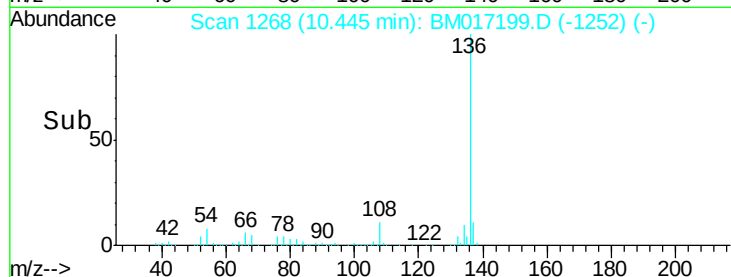
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM017199.D
Acq: 18 Oct 2018 18:57

Instrument :
BNA_M
ClientSampleId :
PB113954BS

Tgt Ion:	136	Resp:	972693
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	7.6	6.7	10.1
68	5.4	4.7	7.1

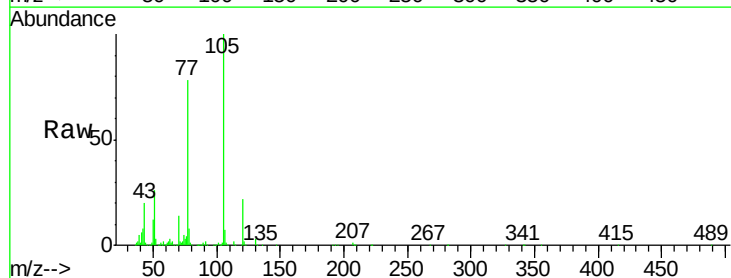


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

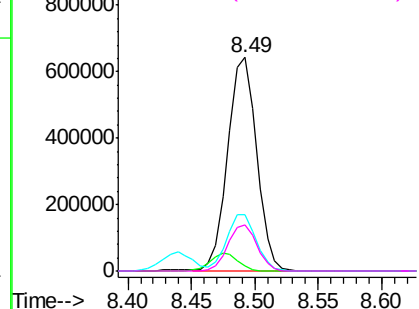
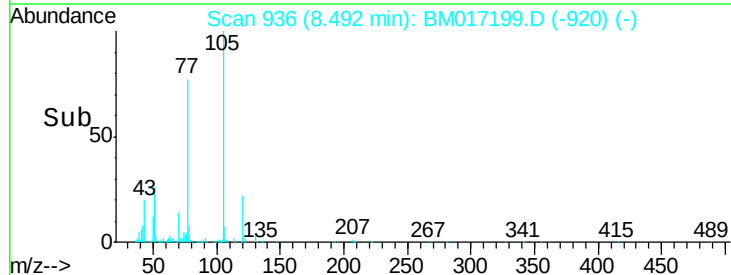


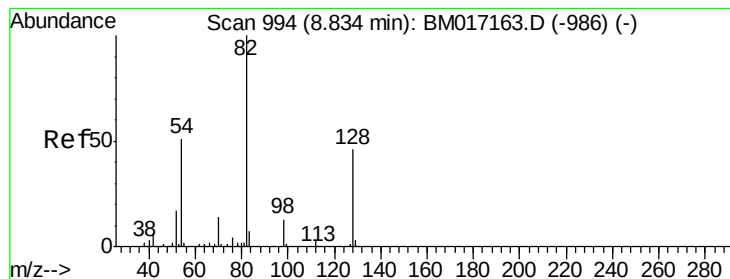
#22
Acetophenone
Concen: 41.195 ng
RT: 8.49 min Scan# 936
Delta R.T. -0.01 min
Lab File: BM017199.D
Acq: 18 Oct 2018 18:57

Tgt Ion:	105	Resp:	1015725
Ion	Ratio	Lower	Upper
105	100		
71	2.2	2.0	3.0
51	26.2	20.6	31.0
120	21.7	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: 82.335 ng

RT: 8.82 min Scan# 992

Delta R.T. -0.01 min

Lab File: BM017199.D

Acq: 18 Oct 2018 18:57

Instrument :

BNA_M

ClientSampleId :

PB113954BS

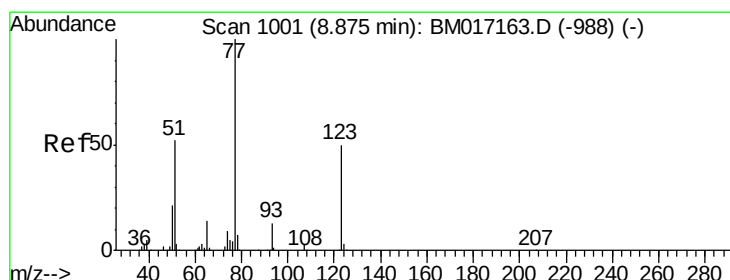
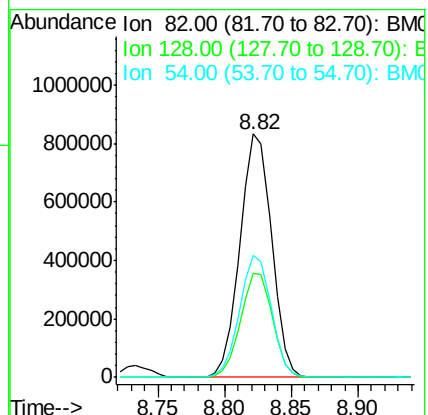
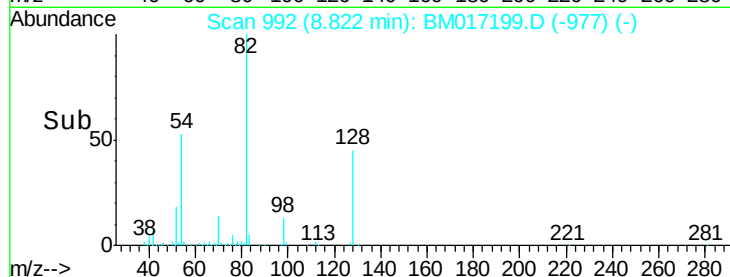
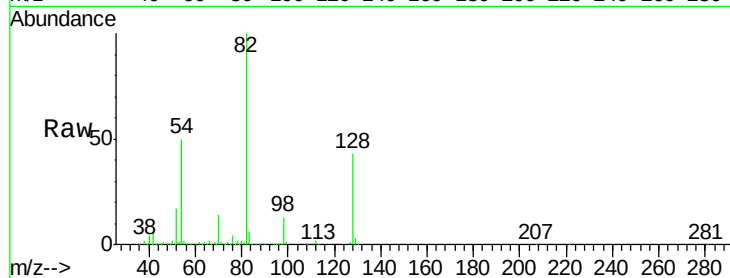
Tgt Ion: 82 Resp: 1369335

Ion Ratio Lower Upper

82 100

128 42.7 37.0 55.6

54 50.4 40.7 61.1



#24

Nitrobenzene

Concen: 42.471 ng

RT: 8.86 min Scan# 999

Delta R.T. -0.01 min

Lab File: BM017199.D

Acq: 18 Oct 2018 18:57

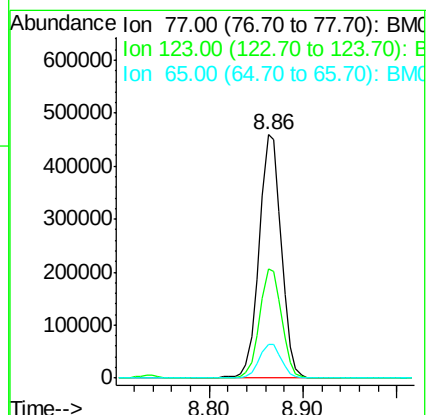
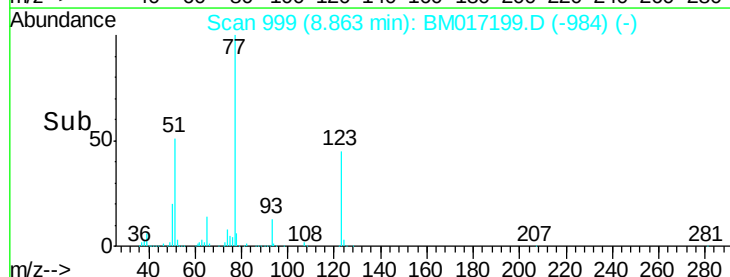
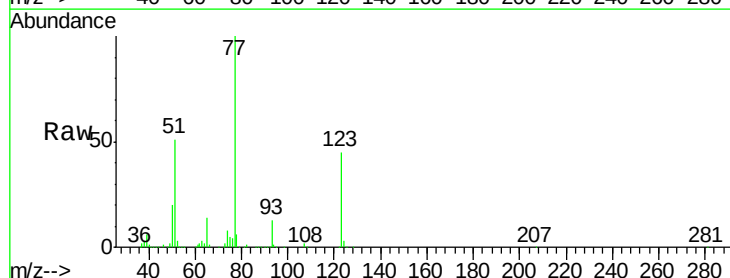
Tgt Ion: 77 Resp: 747156

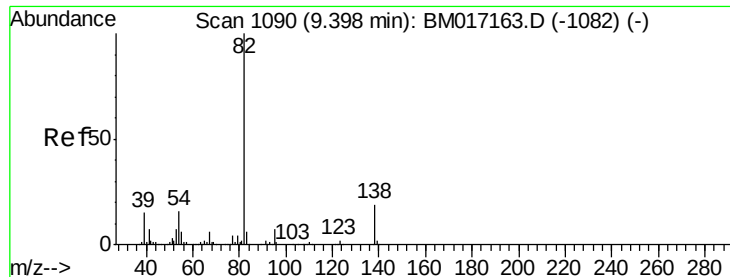
Ion Ratio Lower Upper

77 100

123 44.9 40.2 60.4

65 13.7 11.4 17.0





#25

Isophorone

Concen: 46.406 ng

RT: 9.39 min Scan# 1089

Delta R.T. -0.01 min

Lab File: BM017199.D

Acq: 18 Oct 2018 18:57

Instrument :

BNA_M

ClientSampleId :

PB113954BS

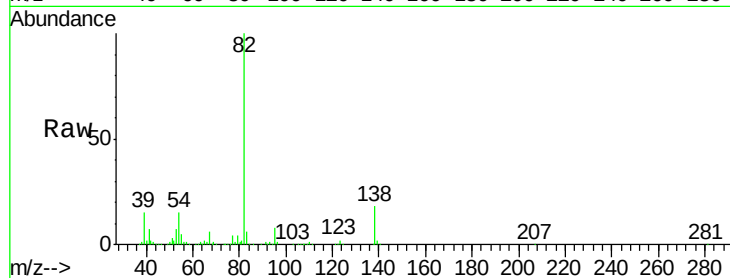
Tgt Ion: 82 Resp: 1274441

Ion Ratio Lower Upper

82 100

95 7.6 6.0 9.0

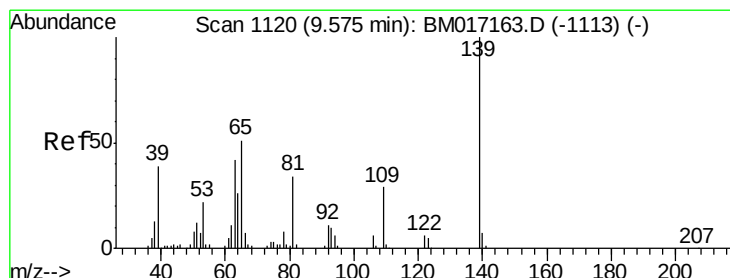
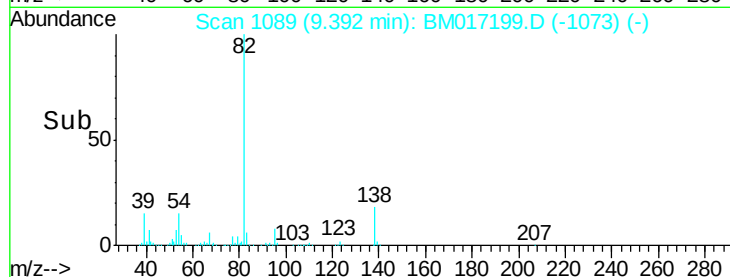
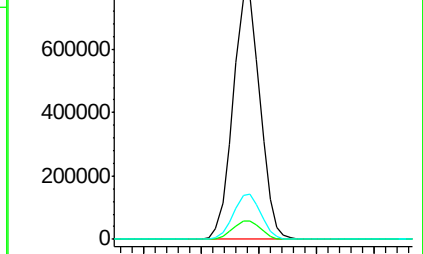
138 18.4 15.4 23.2



Abundance Ion 82.00 (81.70 to 82.70): BM017163.D (-1082) (-)

Ion 95.00 (94.70 to 95.70): BM017163.D (-1082) (-)

Ion 138.00 (137.70 to 138.70): BM017163.D (-1082) (-)



#26

2-Nitrophenol

Concen: 42.624 ng

RT: 9.57 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BM017199.D

Acq: 18 Oct 2018 18:57

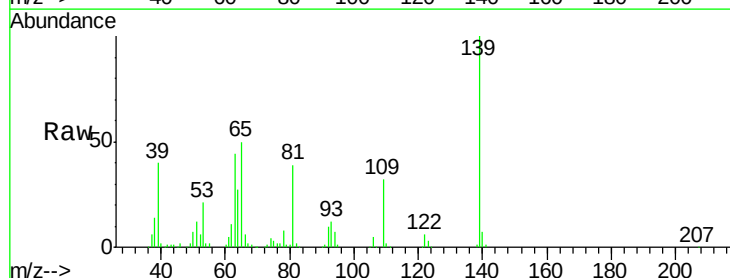
Tgt Ion: 139 Resp: 344972

Ion Ratio Lower Upper

139 100

109 31.6 23.2 34.8

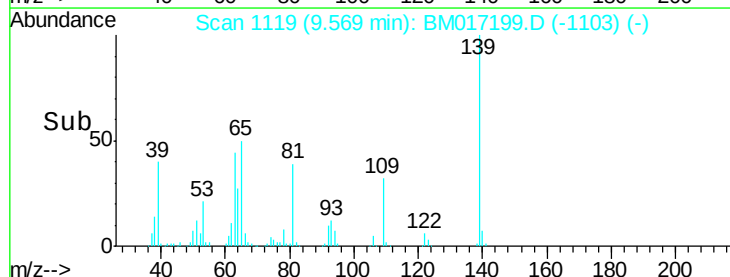
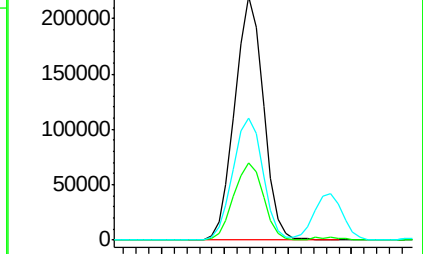
65 50.0 40.6 61.0

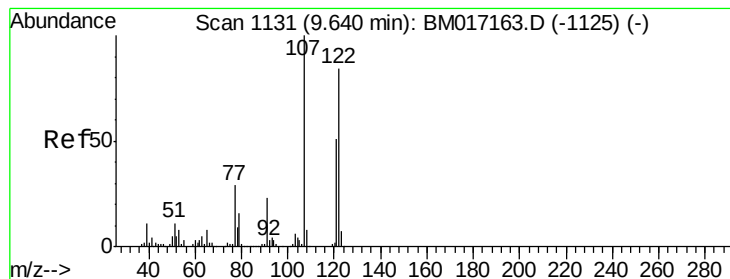


Abundance Ion 139.00 (138.70 to 139.70): BM017163.D (-1113) (-)

Ion 109.00 (108.70 to 109.70): BM017163.D (-1113) (-)

Ion 65.00 (64.70 to 65.70): BM017163.D (-1113) (-)





#27

2,4-Dimethylphenol

Concen: 50.505 ng

RT: 9.63 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BM017199.D

Acq: 18 Oct 2018 18:57

Instrument :

BNA_M

ClientSampleId :

PB113954BS

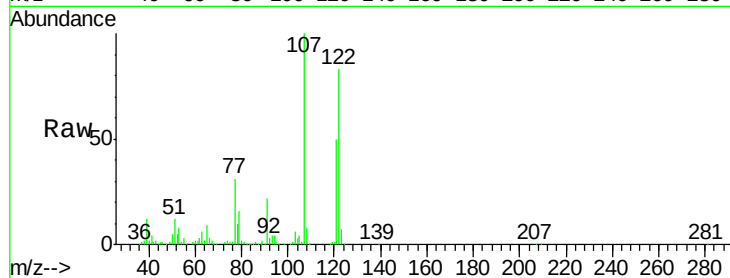
Tgt Ion:122 Resp: 613320

Ion Ratio Lower Upper

122 100

107 120.2 95.0 142.6

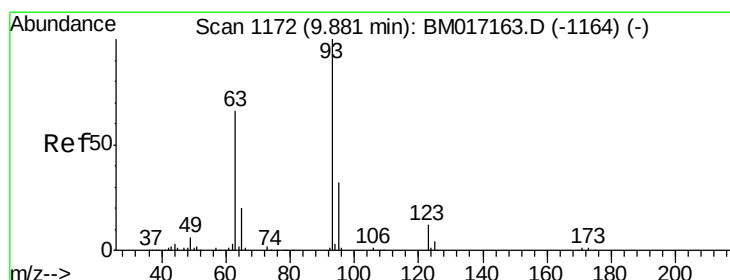
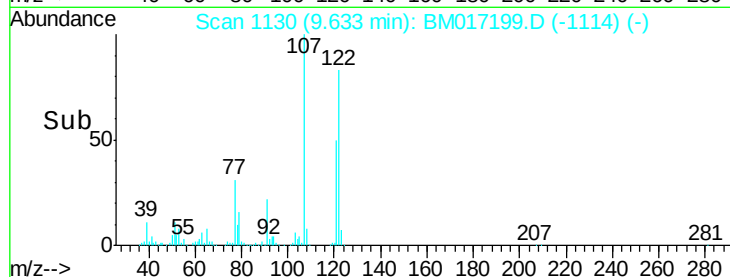
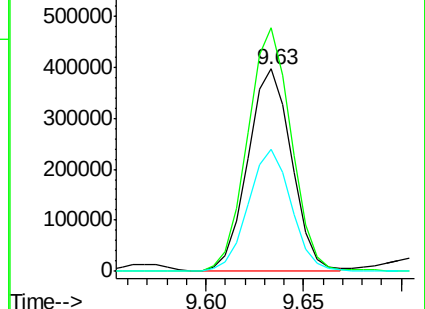
121 60.1 48.2 72.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.565 ng

RT: 9.87 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BM017199.D

Acq: 18 Oct 2018 18:57

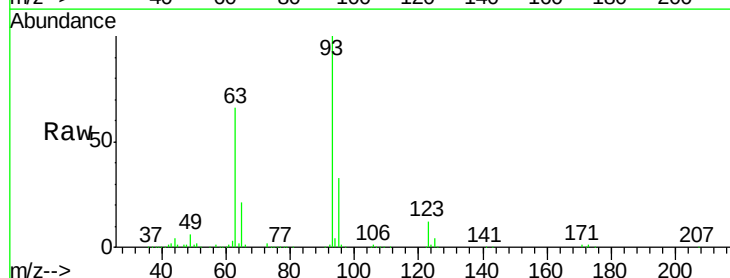
Tgt Ion: 93 Resp: 822770

Ion Ratio Lower Upper

93 100

95 32.7 25.7 38.5

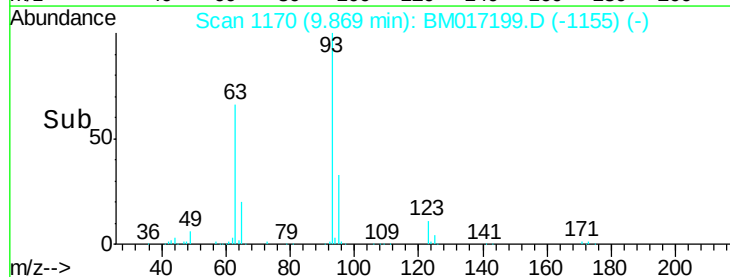
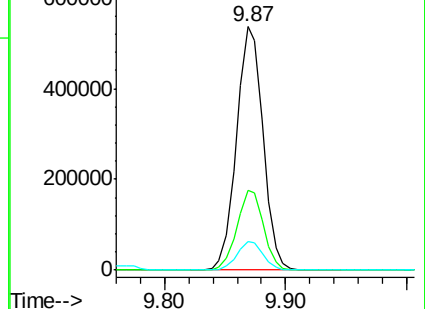
123 11.6 9.4 14.0

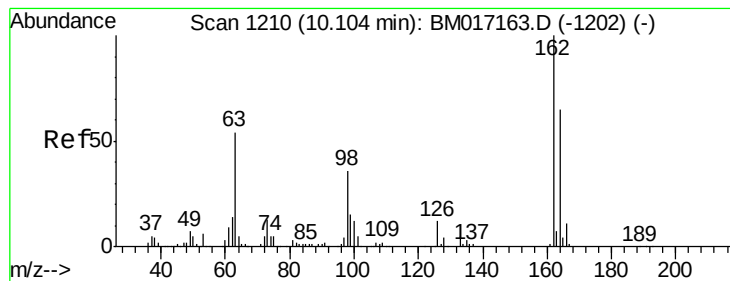


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 44.679 ng

RT: 10.10 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BM017199.D

Acq: 18 Oct 2018 18:57

Instrument :

BNA_M

ClientSampleId :

PB113954BS

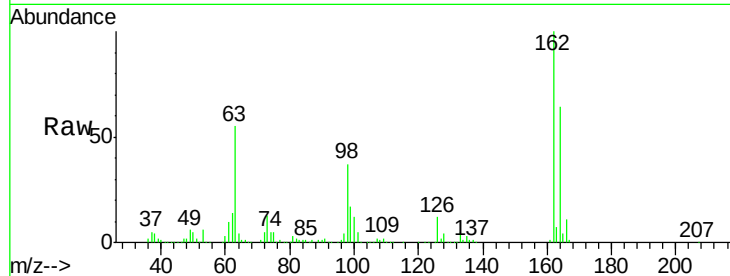
Tgt Ion:162 Resp: 629952

Ion Ratio Lower Upper

162 100

164 64.0 44.9 84.9

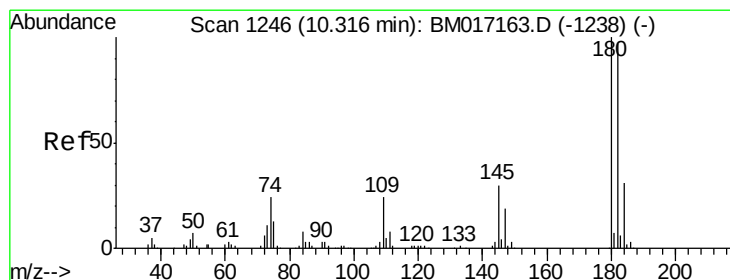
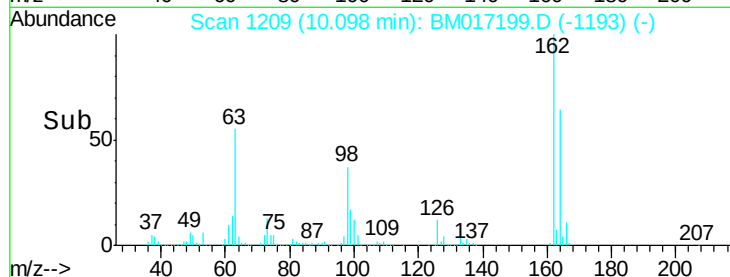
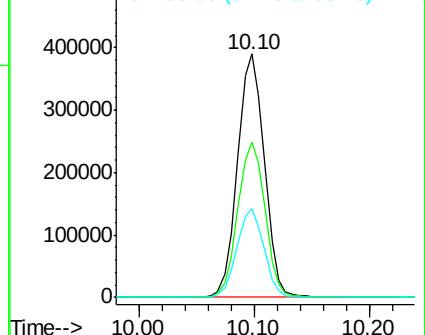
98 36.6 15.8 55.8



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: 40.469 ng

RT: 10.31 min Scan# 1245

Delta R.T. -0.01 min

Lab File: BM017199.D

Acq: 18 Oct 2018 18:57

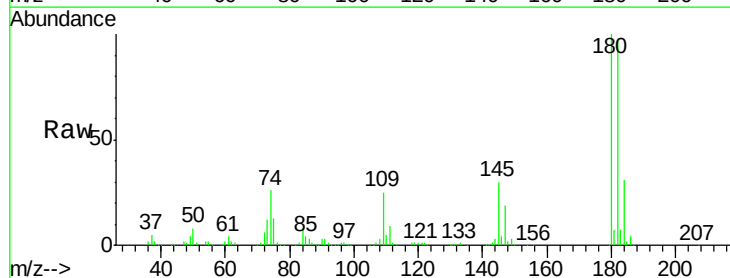
Tgt Ion:180 Resp: 684501

Ion Ratio Lower Upper

180 100

182 96.8 77.5 116.3

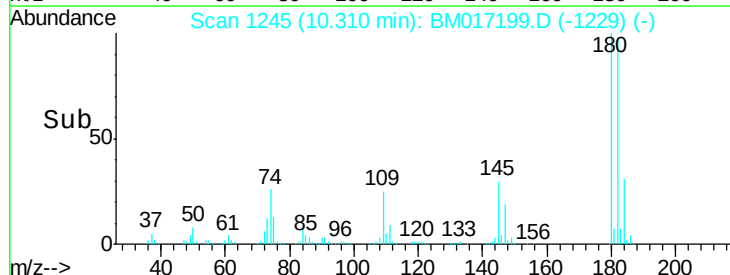
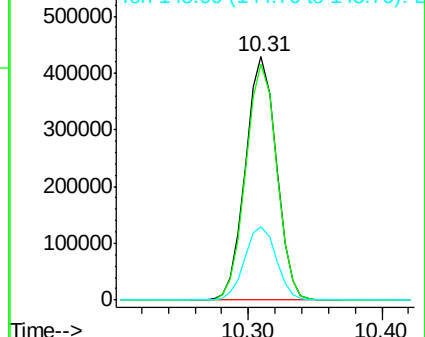
145 30.1 24.0 36.0

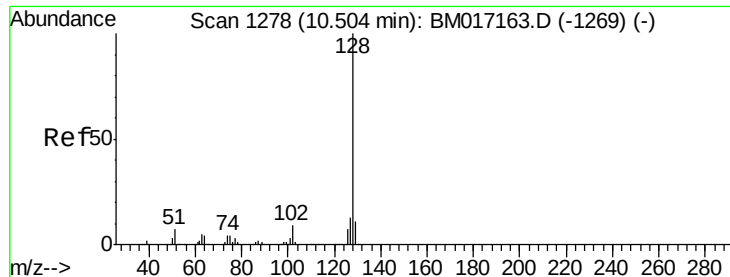


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

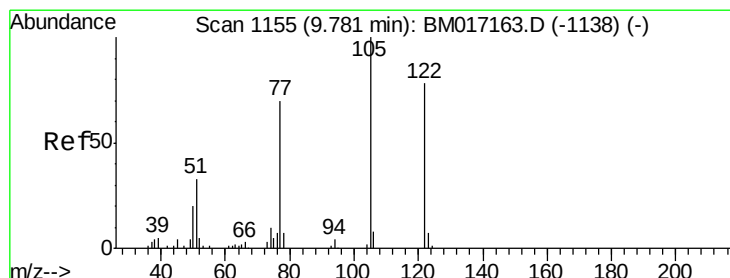
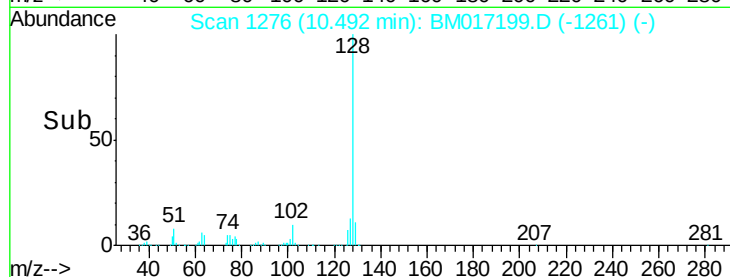
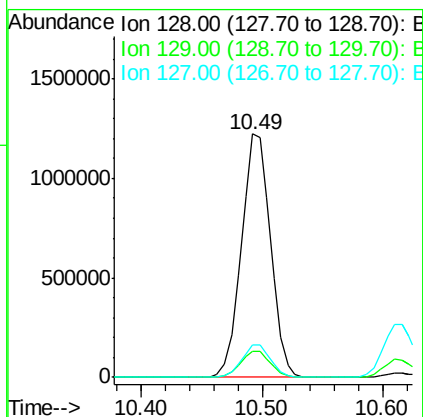
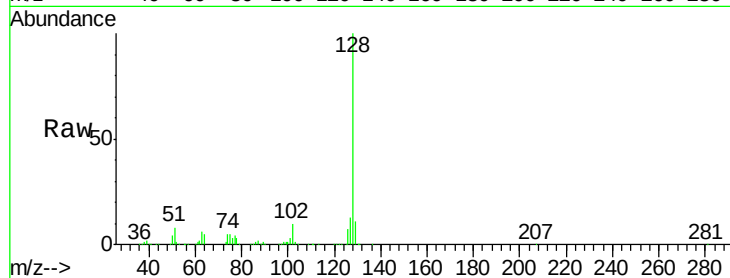




#31
Naphthalene
Concen: 43.254 ng
RT: 10.49 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BM017199.D
Acq: 18 Oct 2018 18:57

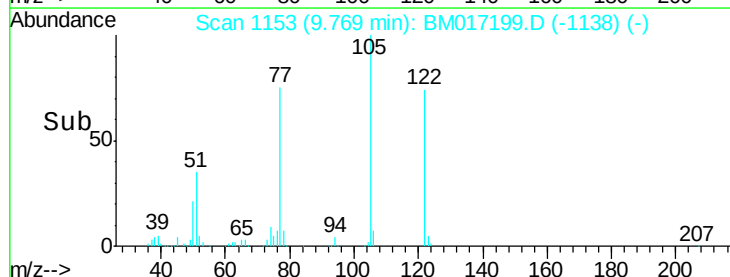
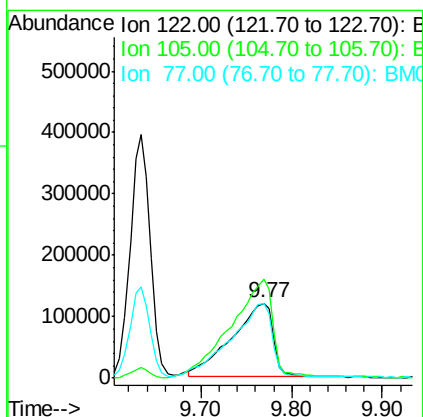
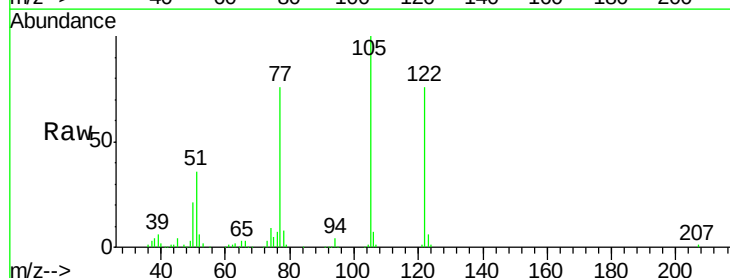
Instrument :
BNA_M
ClientSampleId :
PB113954BS

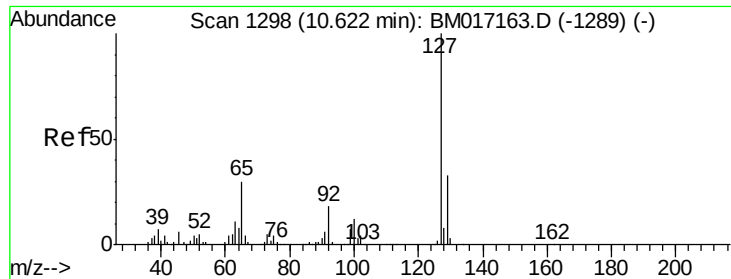
Tgt Ion:128 Resp: 2061819
Ion Ratio Lower Upper
128 100
129 10.8 8.5 12.7
127 13.1 10.3 15.5



#32
Benzoic acid
Concen: 41.651 ng
RT: 9.77 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BM017199.D
Acq: 18 Oct 2018 18:57

Tgt Ion:122 Resp: 377389
Ion Ratio Lower Upper
122 100
105 132.0 102.0 142.0
77 100.2 67.7 107.7

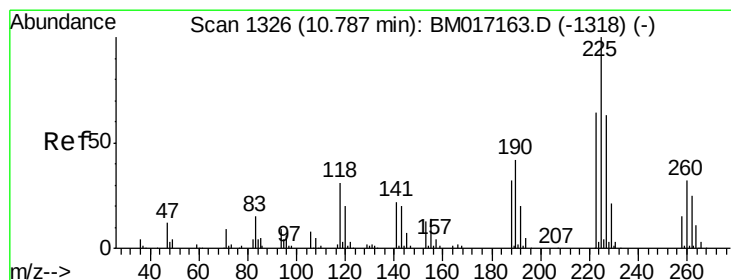
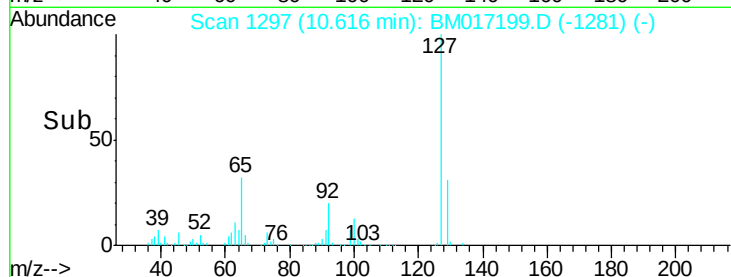
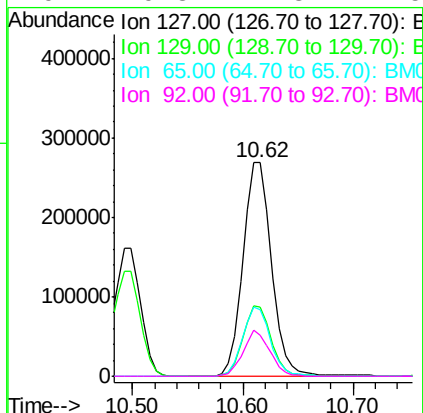
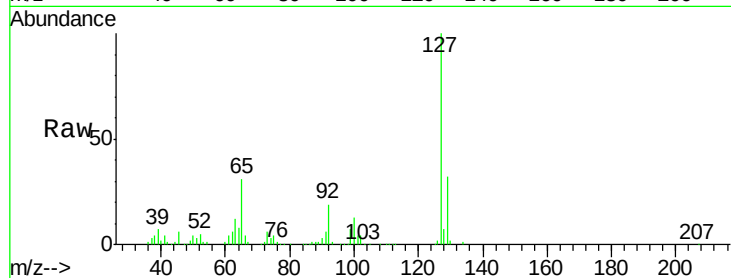




#33
4-Chloroaniline
Concen: 23.839 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM017199.D
Acq: 18 Oct 2018 18:57

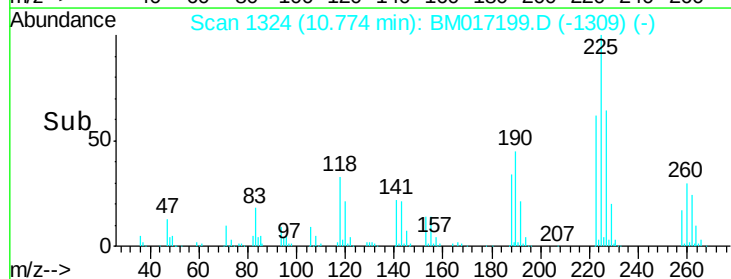
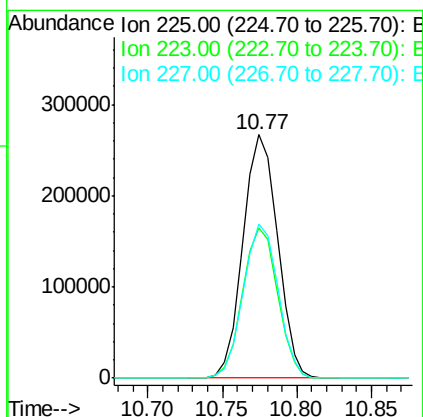
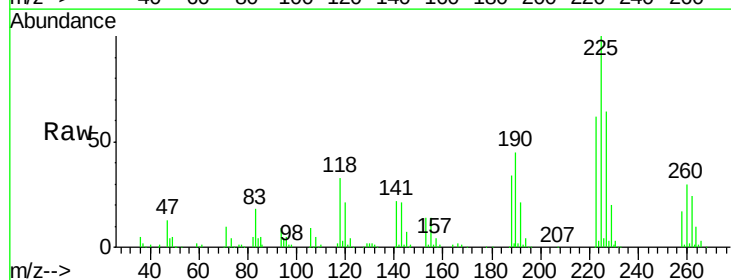
Instrument :
BNA_M
ClientSampleId :
PB113954BS

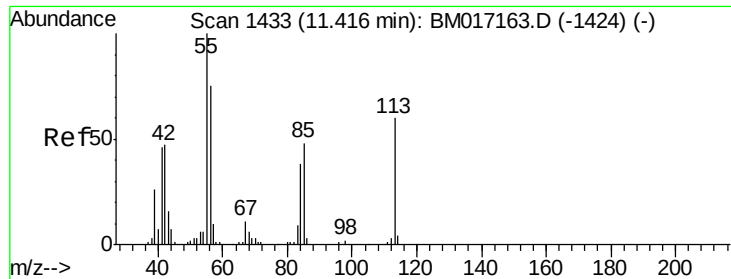
Tgt Ion:	127	Resp:	490786
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.4
65	31.0	23.7	35.5
92	19.3	14.3	21.5



#34
Hexachlorobutadiene
Concen: 40.039 ng
RT: 10.77 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BM017199.D
Acq: 18 Oct 2018 18:57

Tgt Ion:	225	Resp:	429096
Ion	Ratio	Lower	Upper
225	100		
223	61.8	51.0	76.6
227	63.5	50.8	76.2

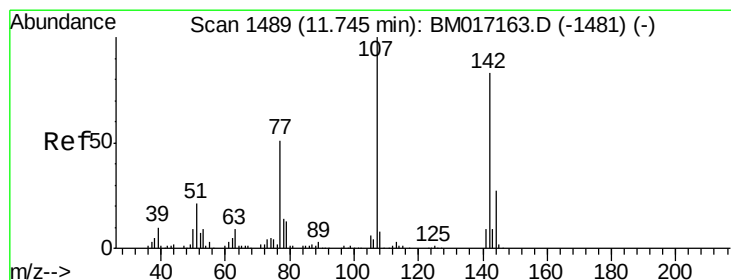
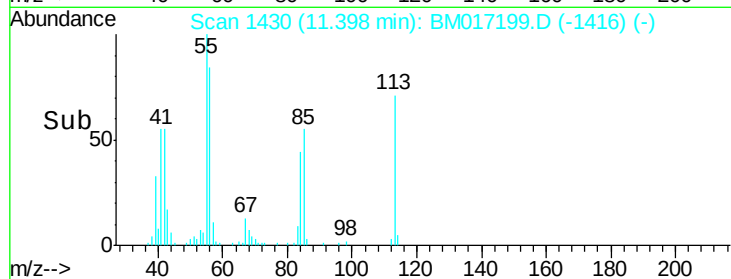
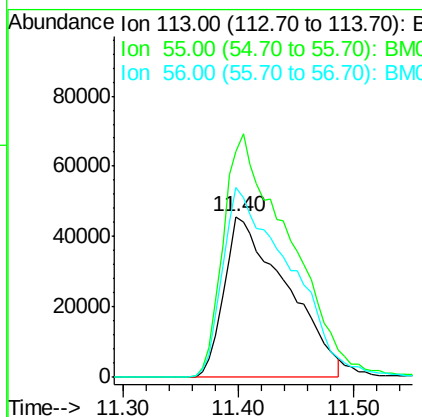
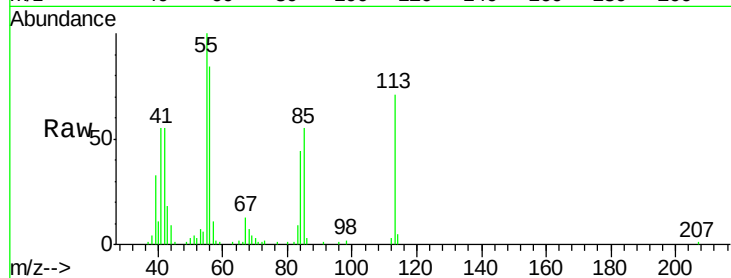




#35
 Caprolactam
 Concen: 33.282 ng
 RT: 11.40 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BM017199.D
 Acq: 18 Oct 2018 18:57

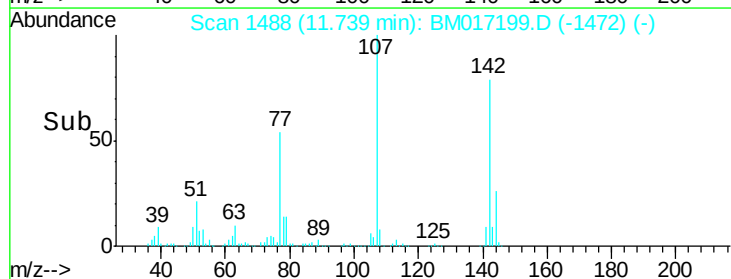
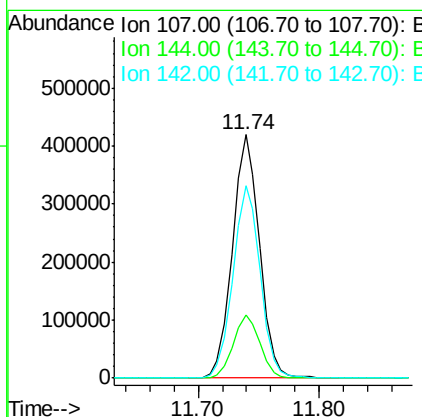
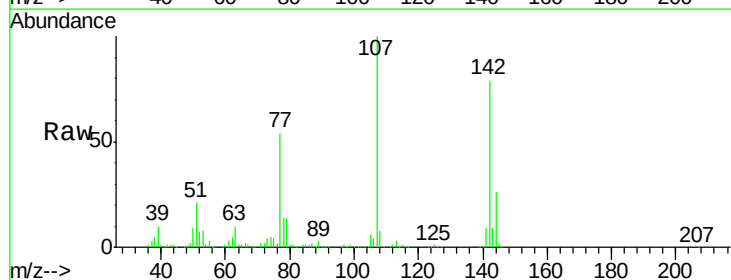
Instrument :
 BNA_M
 ClientSampleId :
 PB113954BS

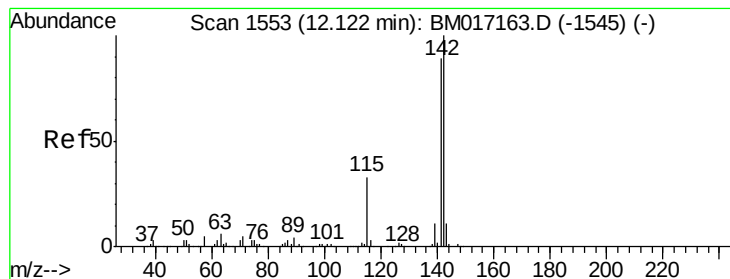
Tgt Ion:113 Resp: 171018
 Ion Ratio Lower Upper
 113 100
 55 140.8 147.0 187.0#
 56 117.9 104.5 144.5



#36
 4-Chloro-3-methylphenol
 Concen: 41.287 ng
 RT: 11.74 min Scan# 1488
 Delta R.T. -0.01 min
 Lab File: BM017199.D
 Acq: 18 Oct 2018 18:57

Tgt Ion:107 Resp: 656173
 Ion Ratio Lower Upper
 107 100
 144 25.8 21.6 32.4
 142 79.3 66.0 99.0





#37

2-Methylnaphthalene

Concen: 45.344 ng

RT: 12.11 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BM017199.D

Acq: 18 Oct 2018 18:57

Instrument :

BNA_M

ClientSampleId :

PB113954BS

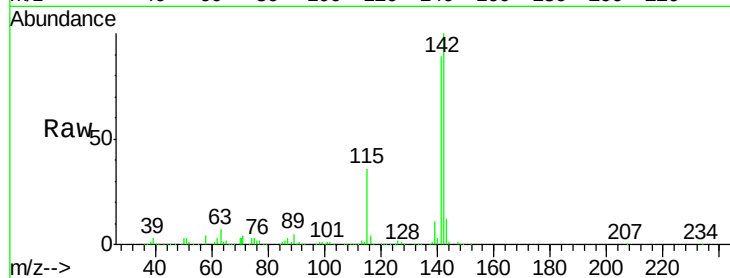
Tgt Ion:142 Resp: 1479069

Ion Ratio Lower Upper

142 100

141 89.4 70.9 106.3

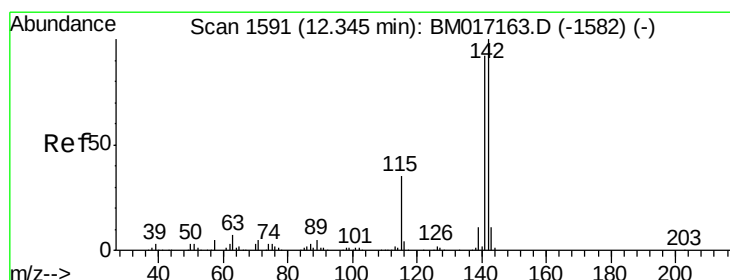
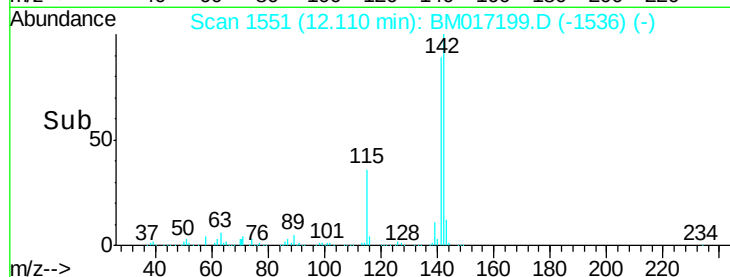
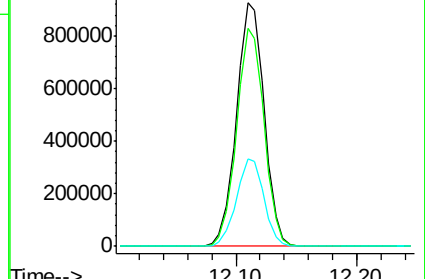
115 35.9 26.4 39.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 44.138 ng

RT: 12.33 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BM017199.D

Acq: 18 Oct 2018 18:57

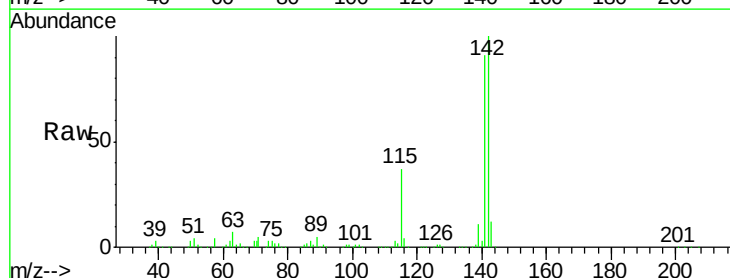
Tgt Ion:142 Resp: 1401276

Ion Ratio Lower Upper

142 100

141 91.4 73.8 110.6

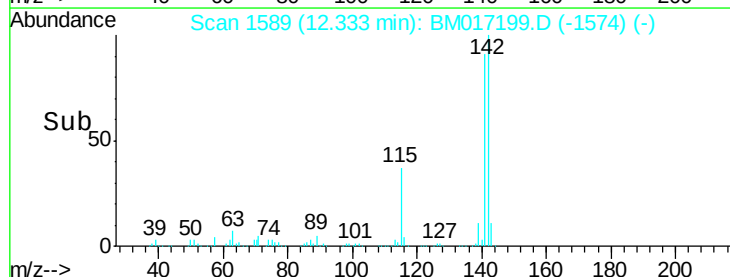
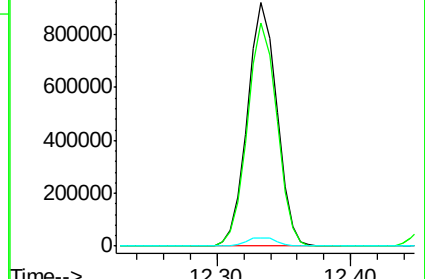
116 3.6 2.9 4.3

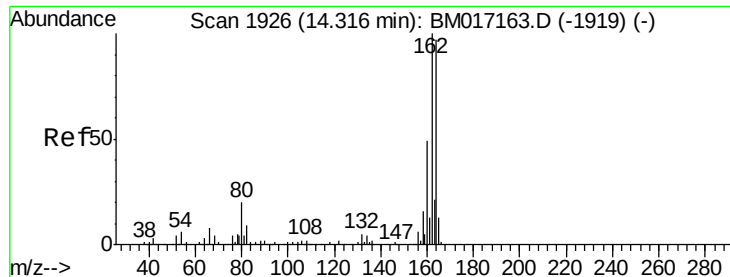


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.31 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BM017199.D

Acq: 18 Oct 2018 18:57

Instrument :

BNA_M

ClientSampleId :

PB113954BS

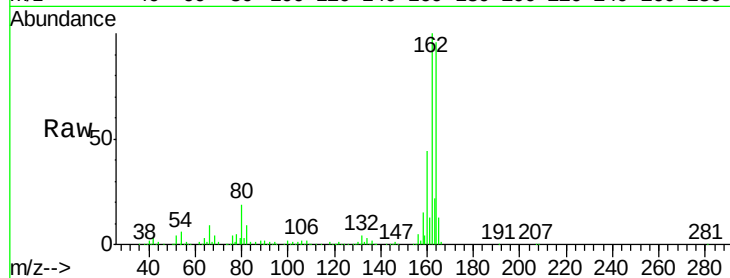
Tgt Ion:164 Resp: 516103

Ion Ratio Lower Upper

164 100

162 104.1 82.1 123.1

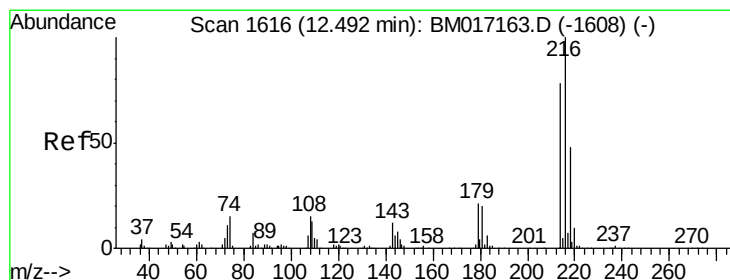
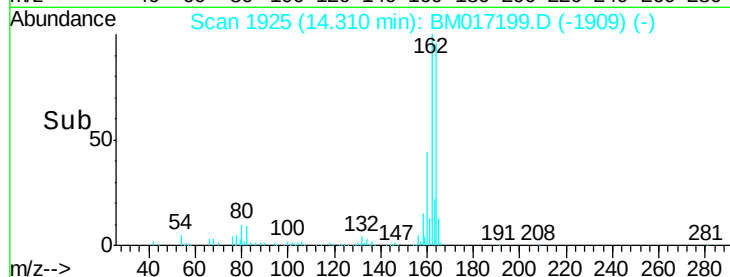
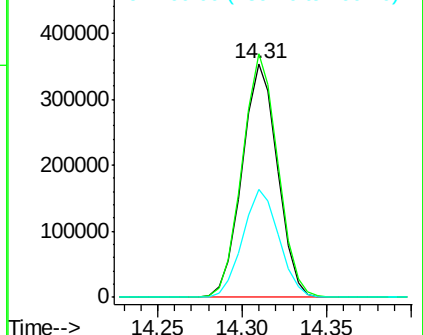
160 46.0 40.2 60.2



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: 42.840 ng

RT: 12.49 min Scan# 1615

Delta R.T. -0.01 min

Lab File: BM017199.D

Acq: 18 Oct 2018 18:57

Tgt Ion:216 Resp: 778632

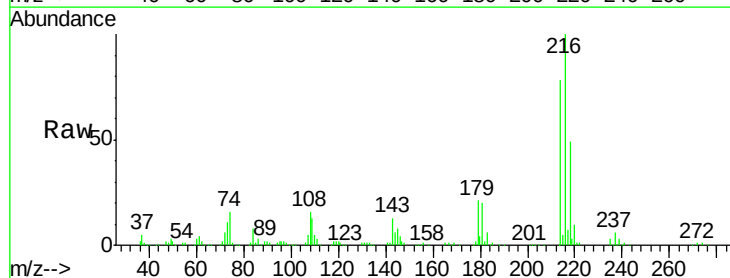
Ion Ratio Lower Upper

216 100

214 78.6 62.6 93.8

179 21.3 16.6 24.8

108 20.2 13.5 20.3

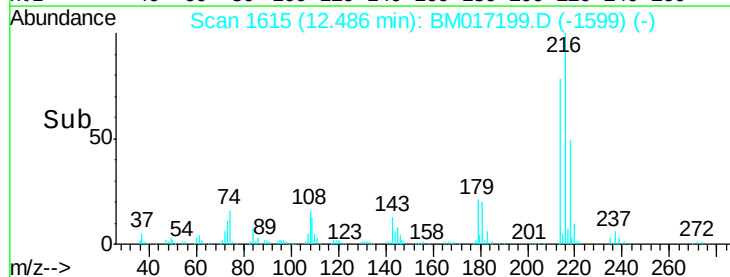
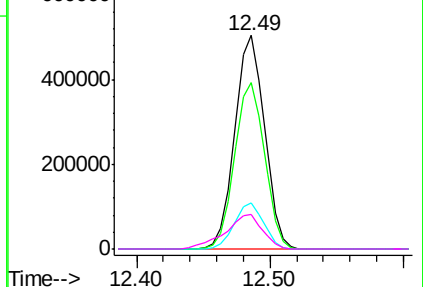


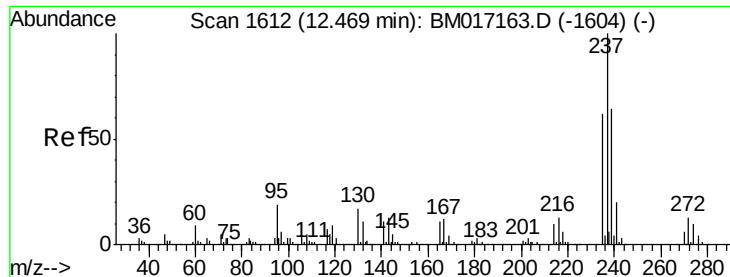
Abundance Ion 216.00 (215.70 to 216.70): E

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: 127.495 ng

RT: 12.46 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BM017199.D

Acq: 18 Oct 2018 18:57

Instrument :

BNA_M

ClientSampleId :

PB113954BS

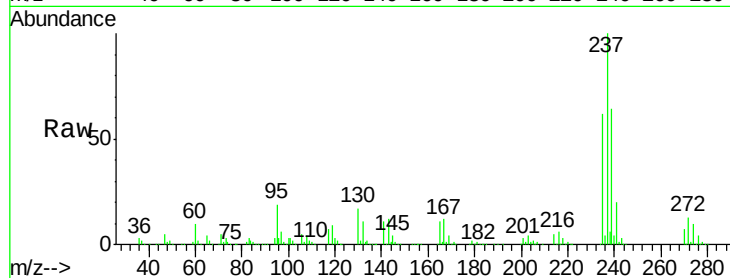
Tgt Ion:237 Resp: 1120249

Ion Ratio Lower Upper

237 100

235 61.8 42.4 82.4

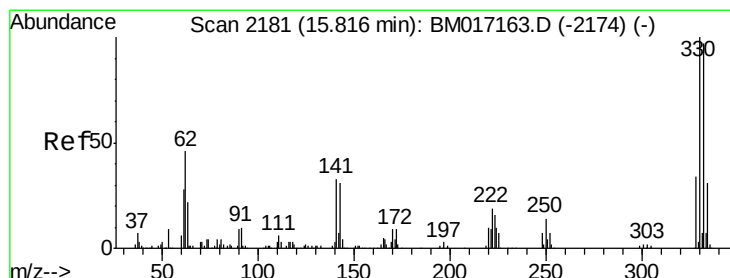
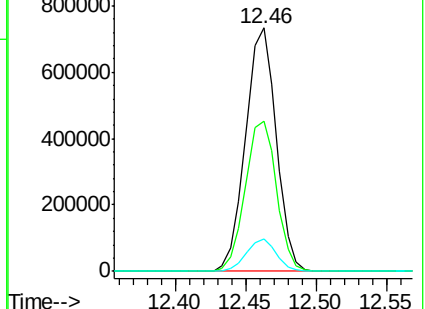
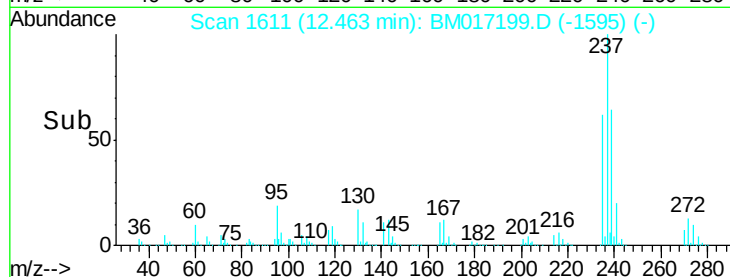
272 13.4 0.0 33.0



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: 126.936 ng

RT: 15.81 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BM017199.D

Acq: 18 Oct 2018 18:57

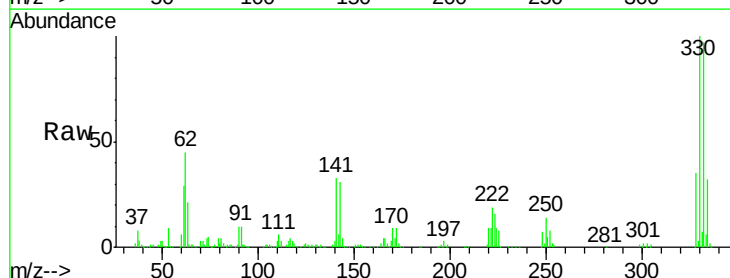
Tgt Ion:330 Resp: 885952

Ion Ratio Lower Upper

330 100

332 96.0 77.3 115.9

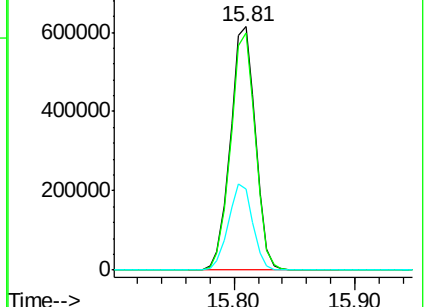
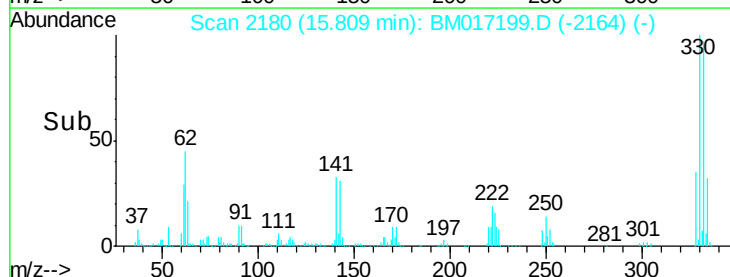
141 34.6 27.4 41.0

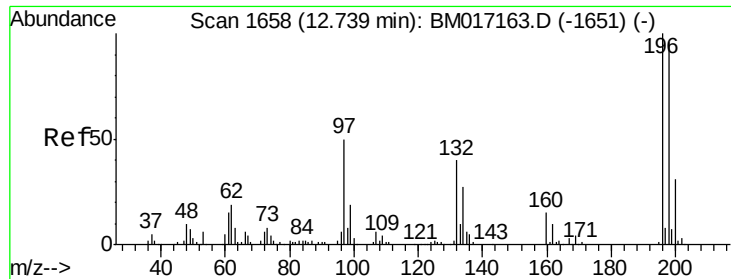


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

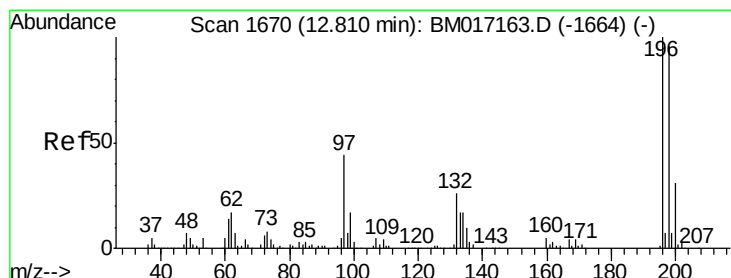
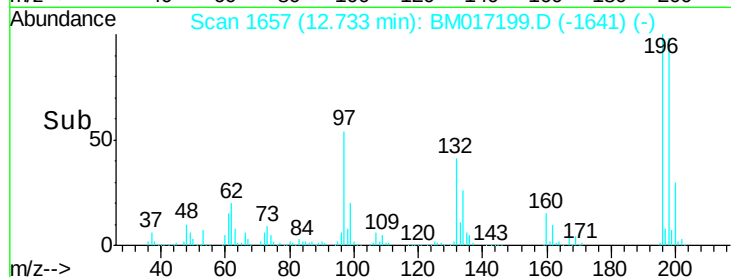
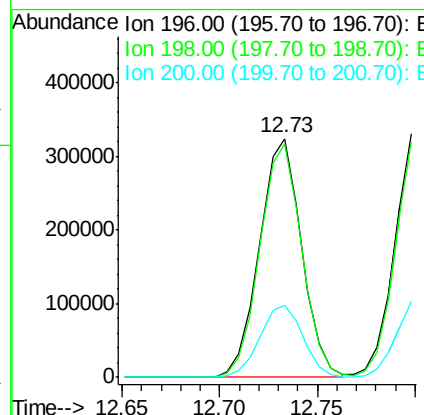
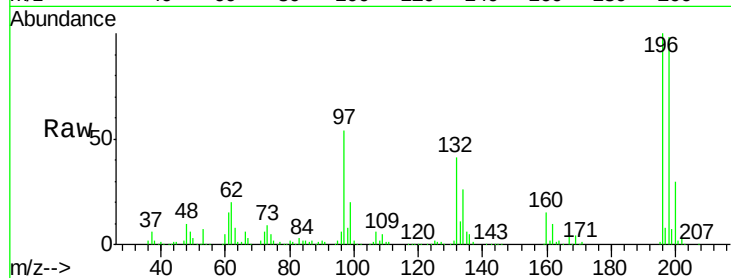




#43
 2,4,6-Trichlorophenol
 Concen: 45.715 ng
 RT: 12.73 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BM017199.D
 Acq: 18 Oct 2018 18:57

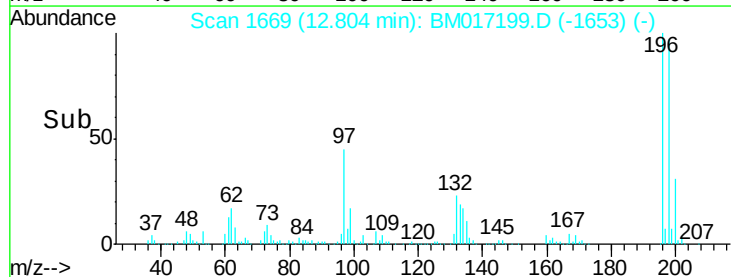
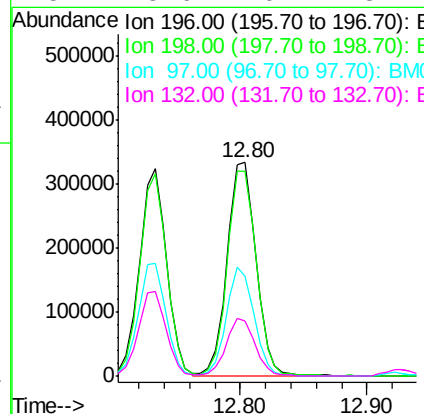
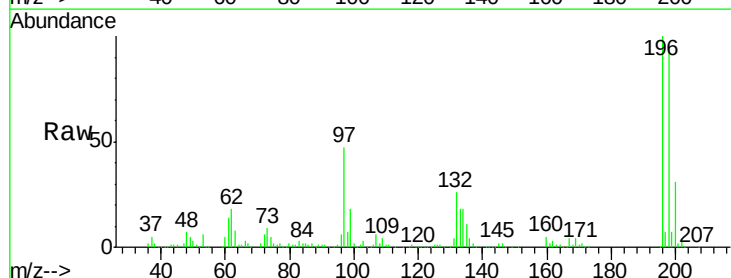
Instrument :
 BNA_M
 ClientSampleId :
 PB113954BS

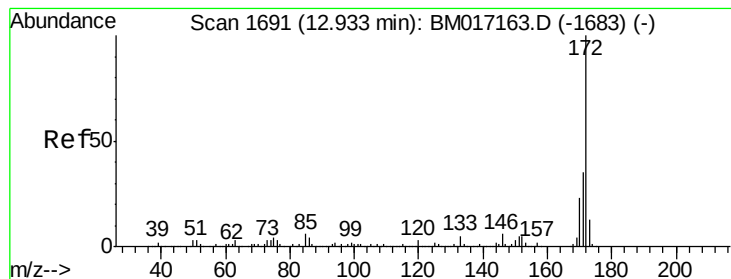
Tgt Ion:196 Resp: 482338
 Ion Ratio Lower Upper
 196 100
 198 97.8 77.1 115.7
 200 30.1 25.0 37.4



#44
 2,4,5-Trichlorophenol
 Concen: 46.354 ng
 RT: 12.80 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM017199.D
 Acq: 18 Oct 2018 18:57

Tgt Ion:196 Resp: 524451
 Ion Ratio Lower Upper
 196 100
 198 95.7 76.6 115.0
 97 46.8 35.5 53.3
 132 25.6 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 82.901 ng

RT: 12.93 min Scan# 1690

Delta R.T. -0.01 min

Lab File: BM017199.D

Acq: 18 Oct 2018 18:57

Instrument :

BNA_M

ClientSampleId :

PB113954BS

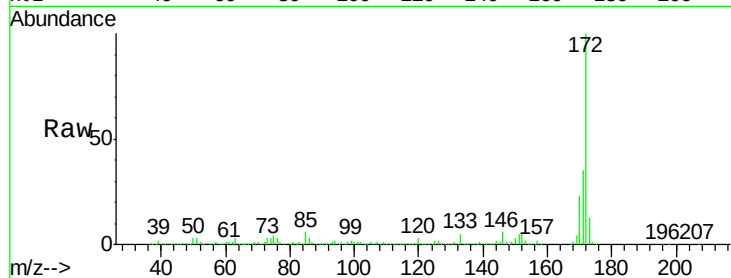
Tgt Ion:172 Resp: 3215646

Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

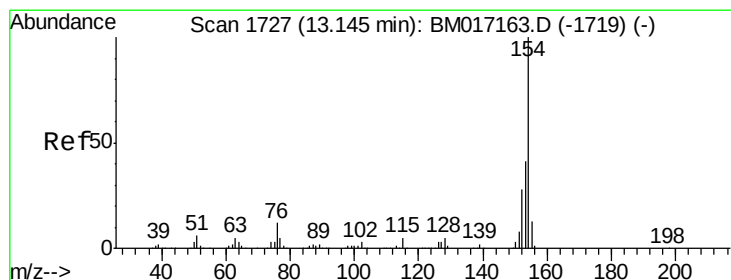
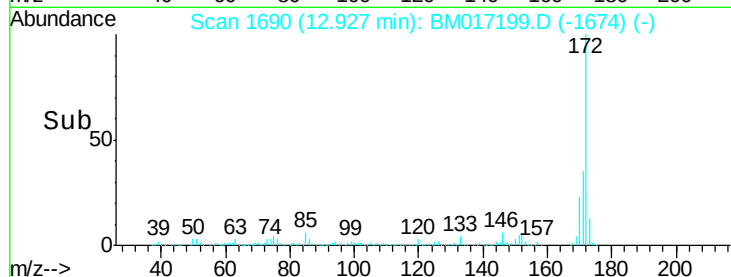
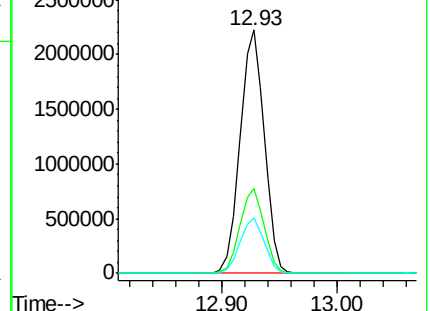
170 22.6 18.3 27.5



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 40.407 ng

RT: 13.14 min Scan# 1726

Delta R.T. -0.01 min

Lab File: BM017199.D

Acq: 18 Oct 2018 18:57

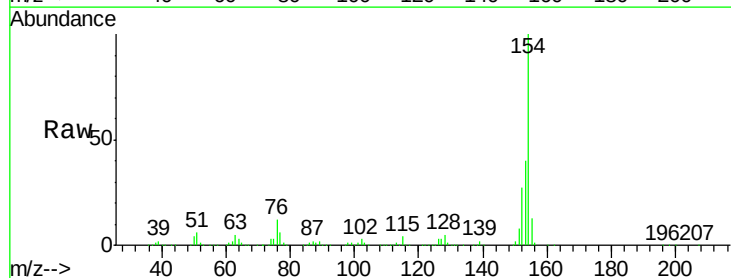
Tgt Ion:154 Resp: 1876642

Ion Ratio Lower Upper

154 100

153 40.4 20.5 60.5

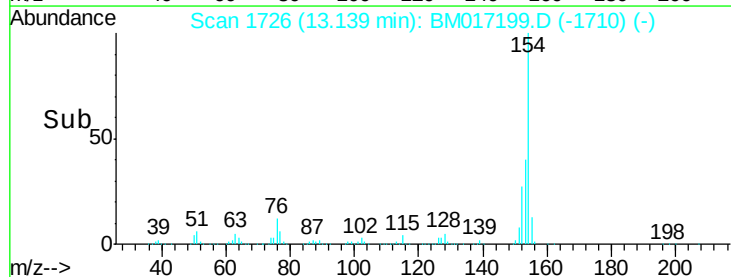
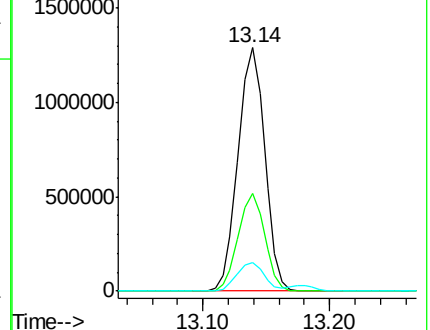
76 11.9 0.0 31.8

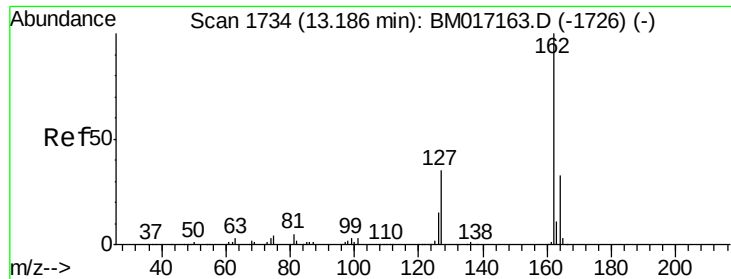


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM

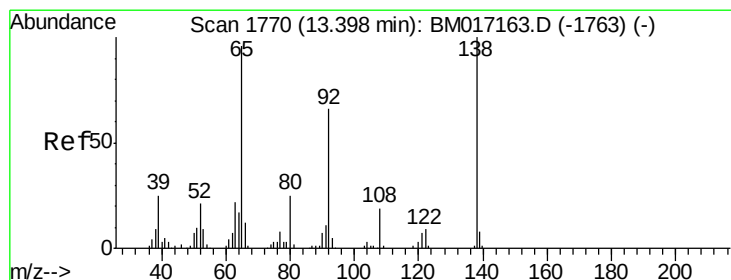
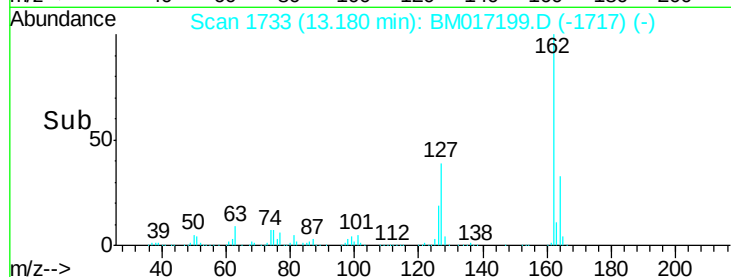
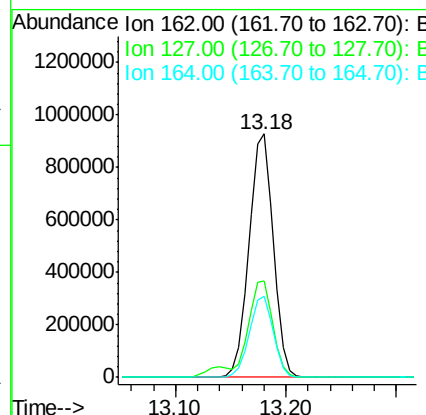
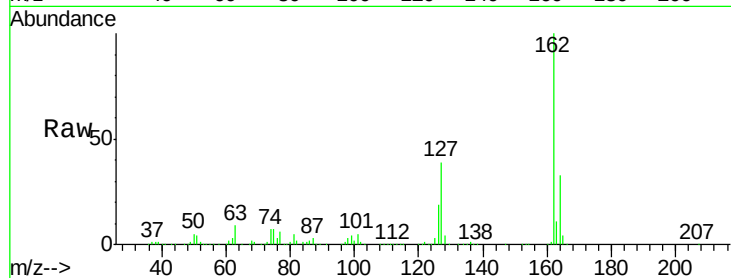




#47
 2-Chloronaphthalene
 Concen: 41.919 ng
 RT: 13.18 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BM017199.D
 Acq: 18 Oct 2018 18:57

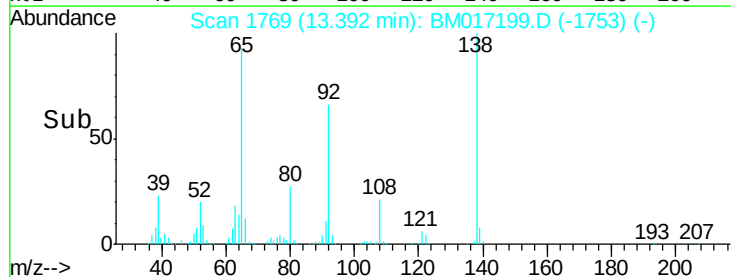
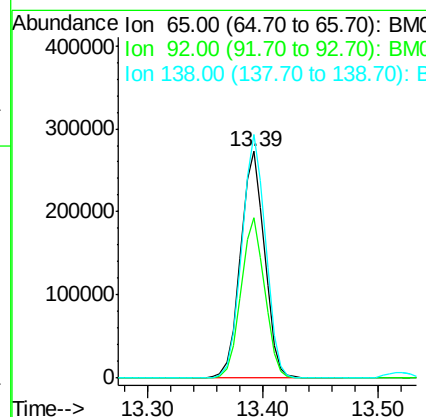
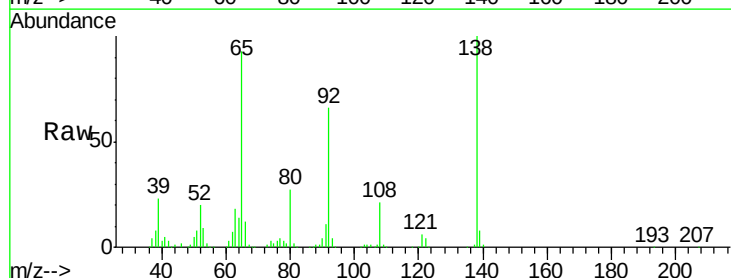
Instrument :
 BNA_M
 ClientSampleId :
 PB113954BS

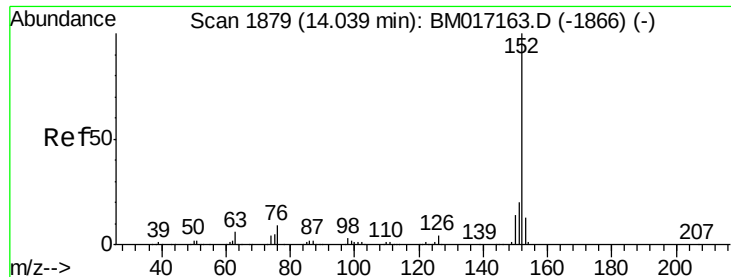
Tgt Ion: 162 Resp: 1432260
 Ion Ratio Lower Upper
 162 100
 127 39.3 31.0 46.4
 164 33.2 26.6 39.8



#48
 2-Nitroaniline
 Concen: 41.619 ng
 RT: 13.39 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: BM017199.D
 Acq: 18 Oct 2018 18:57

Tgt Ion: 65 Resp: 393466
 Ion Ratio Lower Upper
 65 100
 92 70.5 54.9 82.3
 138 107.4 83.7 125.5





#49

Acenaphthylene

Concen: 46.038 ng

RT: 14.03 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BM017199.D

Acq: 18 Oct 2018 18:57

Instrument :

BNA_M

ClientSampleId :

PB113954BS

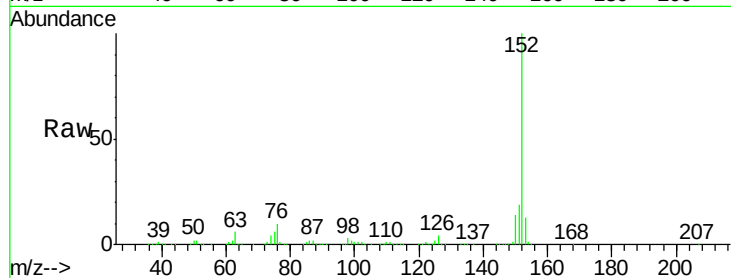
Tgt Ion:152 Resp: 2280059

Ion Ratio Lower Upper

152 100

151 19.4 16.0 24.0

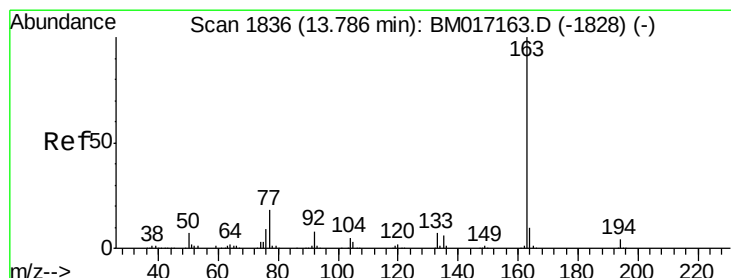
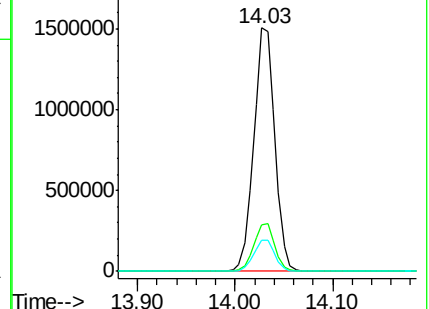
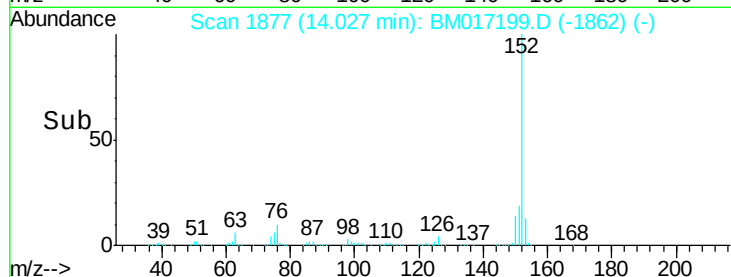
153 13.0 10.4 15.6



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: 42.385 ng

RT: 13.78 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BM017199.D

Acq: 18 Oct 2018 18:57

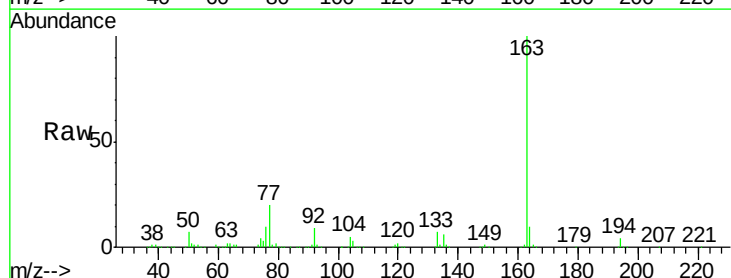
Tgt Ion:163 Resp: 1687668

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

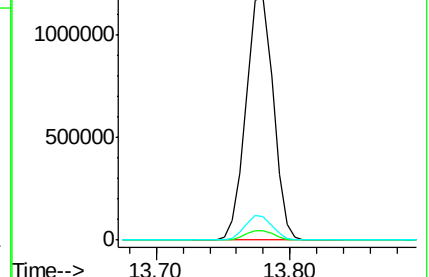
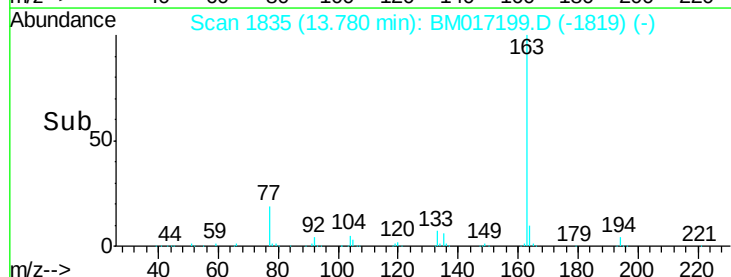
164 9.8 7.8 11.8

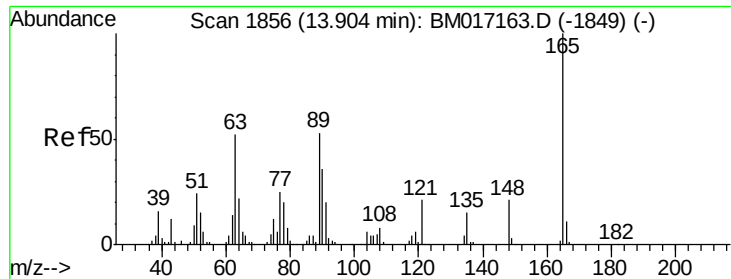


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

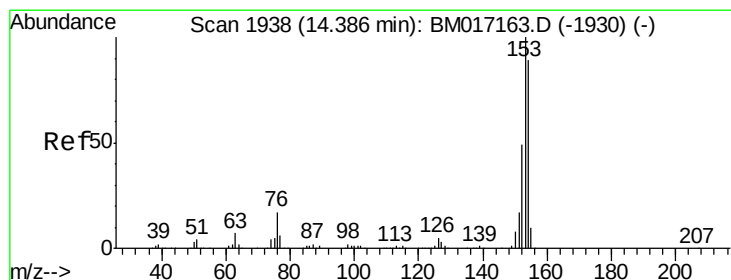
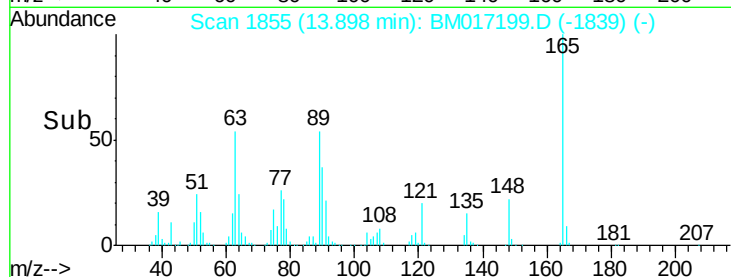
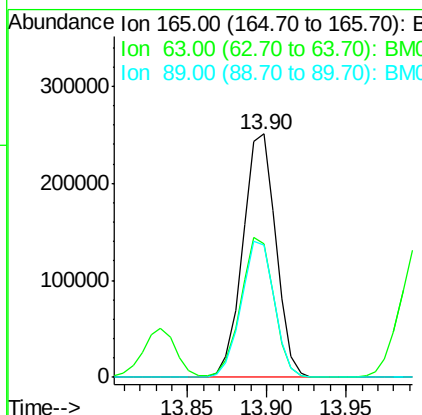
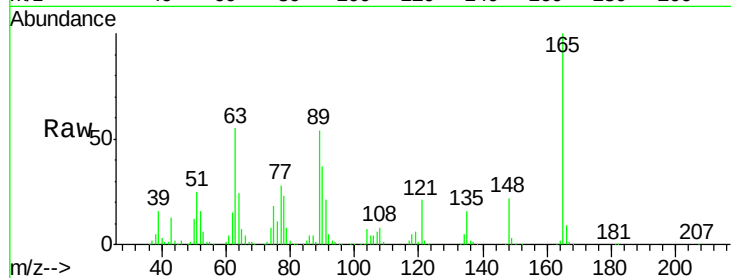




#51
2,6-Dinitrotoluene
Concen: 41.332 ng
RT: 13.90 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BM017199.D
Acq: 18 Oct 2018 18:57

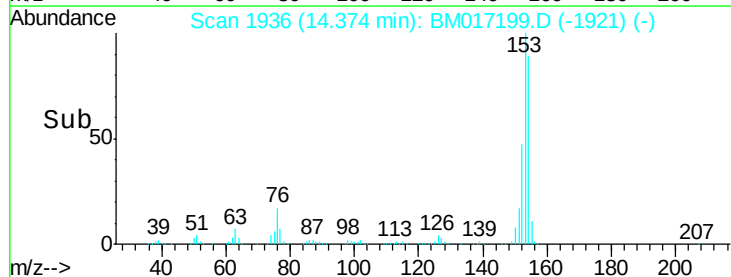
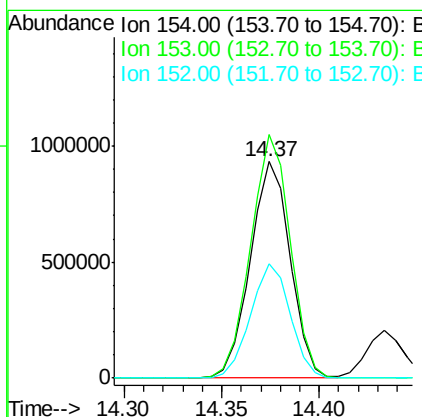
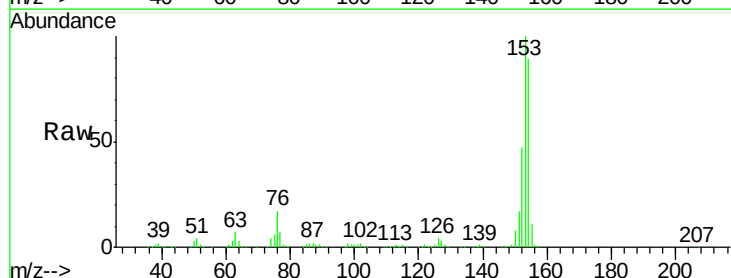
Instrument :
BNA_M
ClientSampleId :
PB113954BS

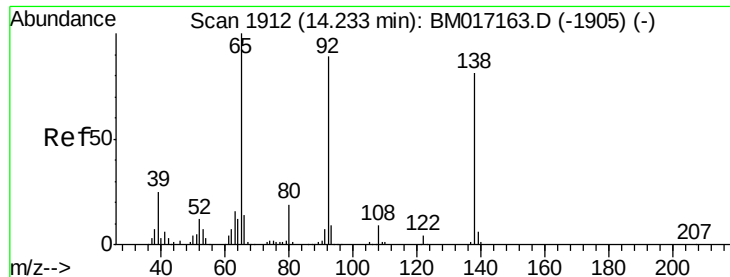
Tgt Ion:165 Resp: 362219
Ion Ratio Lower Upper
165 100
63 54.6 42.7 64.1
89 54.2 42.1 63.1



#52
Acenaphthene
Concen: 42.549 ng
RT: 14.37 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM017199.D
Acq: 18 Oct 2018 18:57

Tgt Ion:154 Resp: 1323088
Ion Ratio Lower Upper
154 100
153 112.4 90.2 135.2
152 52.8 44.2 66.4

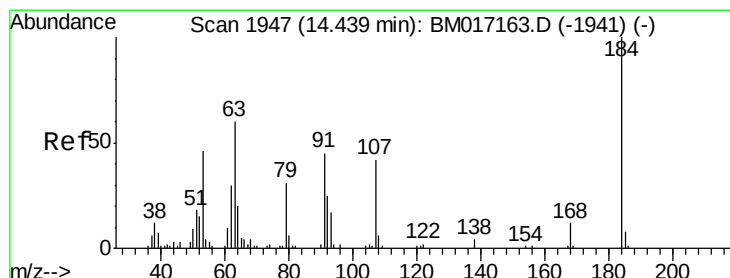
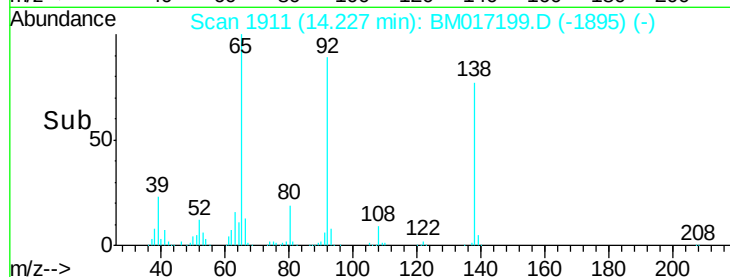
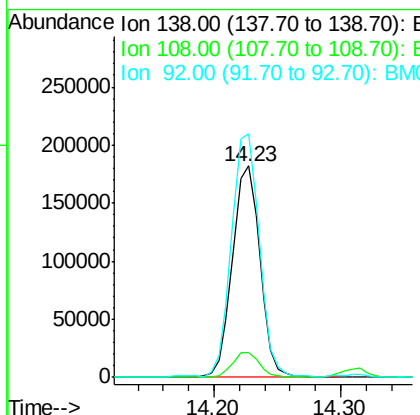
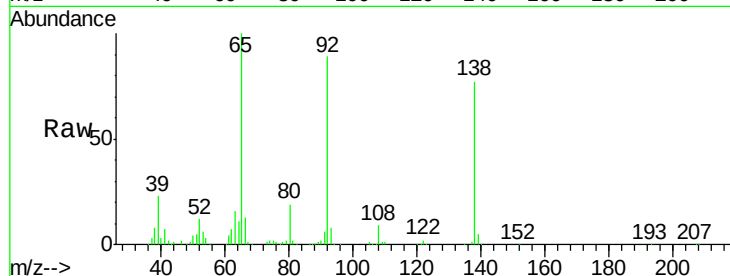




#53
 3-Nitroaniline
 Concen: 28.802 ng
 RT: 14.23 min Scan# 1911
 Delta R.T. -0.01 min
 Lab File: BM017199.D
 Acq: 18 Oct 2018 18:57

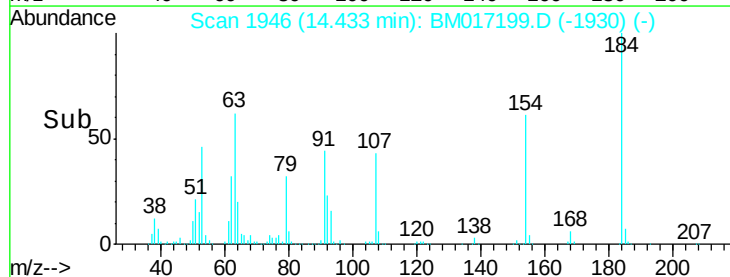
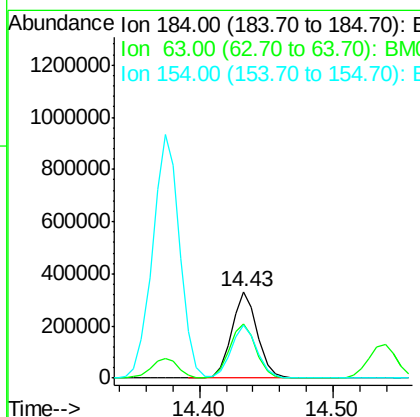
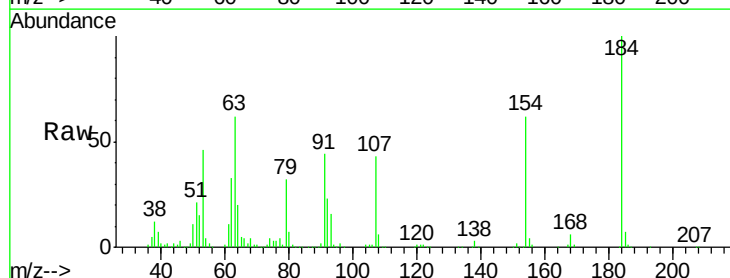
Instrument :
 BNA_M
 ClientSampleId :
 PB113954BS

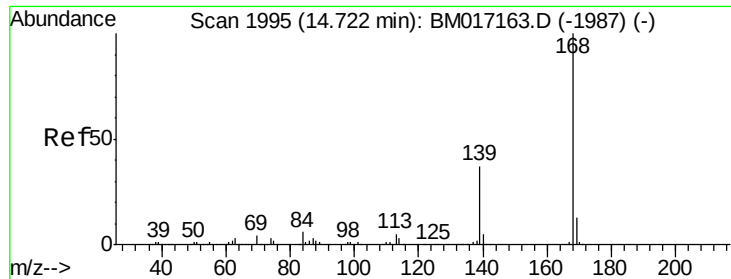
Tgt Ion:138 Resp: 273376
 Ion Ratio Lower Upper
 138 100
 108 11.7 8.7 13.1
 92 115.1 87.9 131.9



#54
 2,4-Dinitrophenol
 Concen: 86.055 ng
 RT: 14.43 min Scan# 1946
 Delta R.T. -0.01 min
 Lab File: BM017199.D
 Acq: 18 Oct 2018 18:57

Tgt Ion:184 Resp: 445999
 Ion Ratio Lower Upper
 184 100
 63 62.4 51.2 76.8
 154 61.6 47.8 71.8

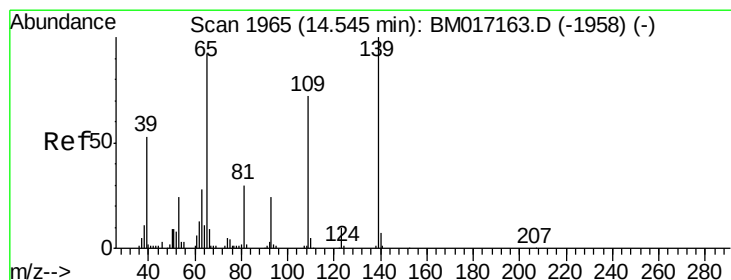
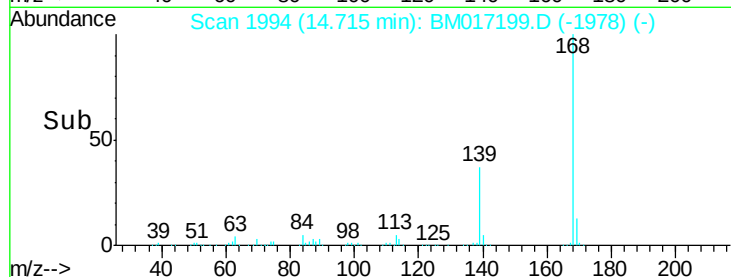
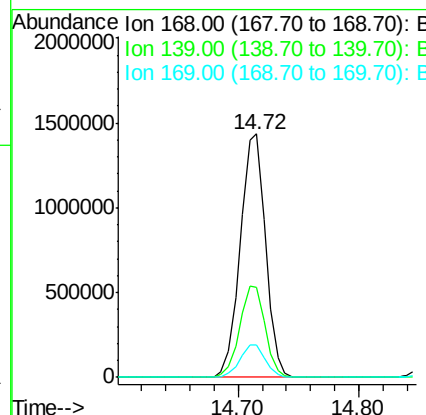
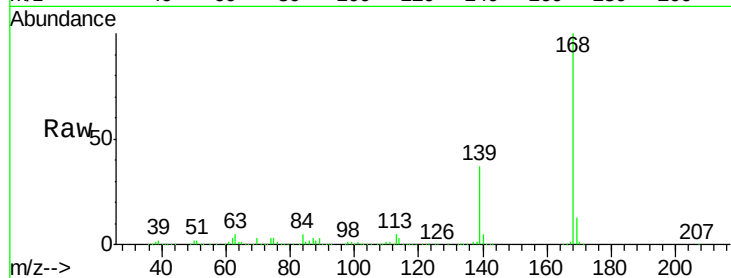




#55
Dibenzofuran
Concen: 40.508 ng
RT: 14.72 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BM017199.D
Acq: 18 Oct 2018 18:57

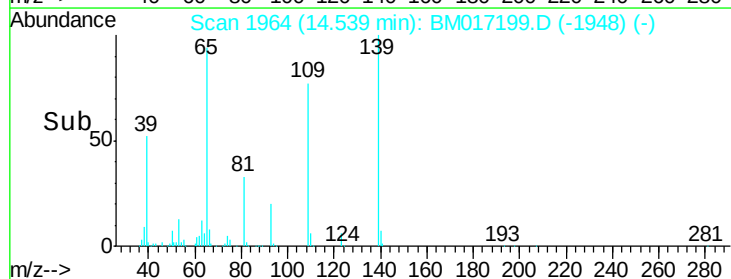
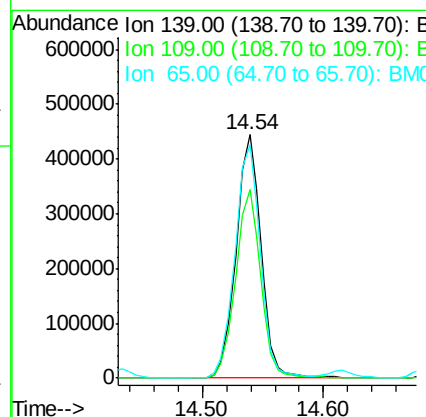
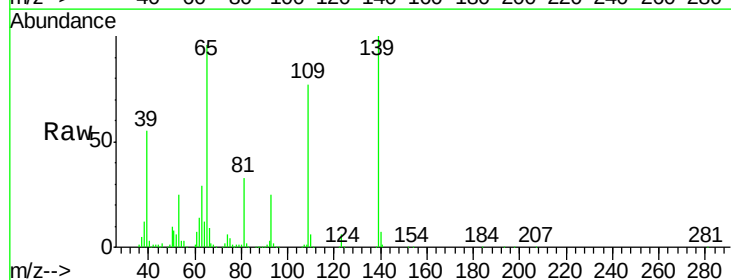
Instrument :
BNA_M
ClientSampleId :
PB113954BS

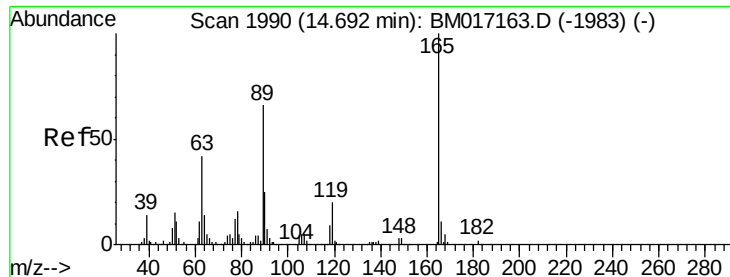
Tgt Ion:168 Resp: 2094699
Ion Ratio Lower Upper
168 100
139 37.1 29.3 43.9
169 13.2 10.6 15.8



#56
4-Nitrophenol
Concen: 74.469 ng
RT: 14.54 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BM017199.D
Acq: 18 Oct 2018 18:57

Tgt Ion:139 Resp: 641197
Ion Ratio Lower Upper
139 100
109 77.4 51.8 91.8
65 95.8 72.1 112.1

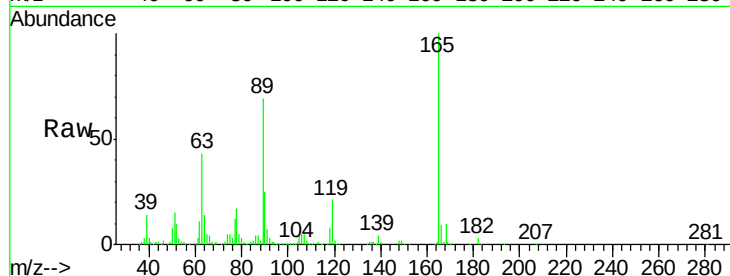




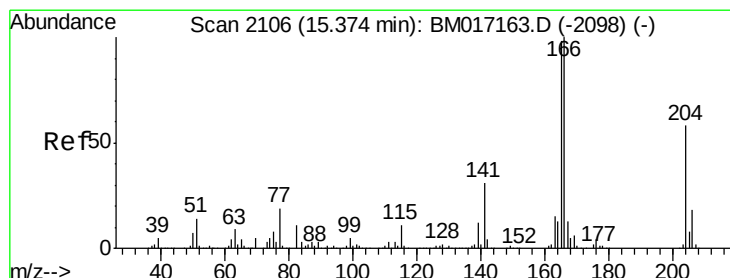
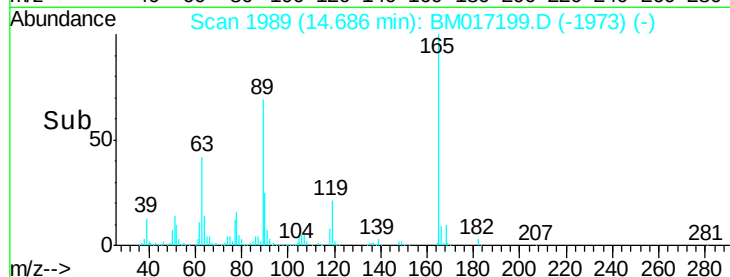
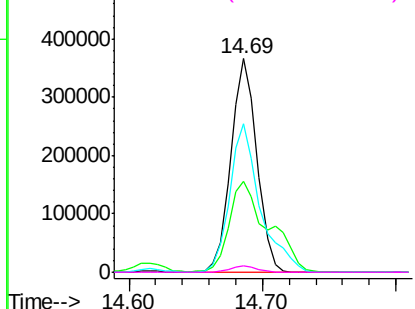
#57
2,4-Dinitrotoluene
Concen: 42.362 ng
RT: 14.69 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BM017199.D
Acq: 18 Oct 2018 18:57

Instrument :
BNA_M
ClientSampleId :
PB113954BS

Tgt Ion:165 Resp: 498967
Ion Ratio Lower Upper
165 100
63 42.5 33.8 50.8
89 69.3 53.1 79.7
182 3.0 2.0 3.0

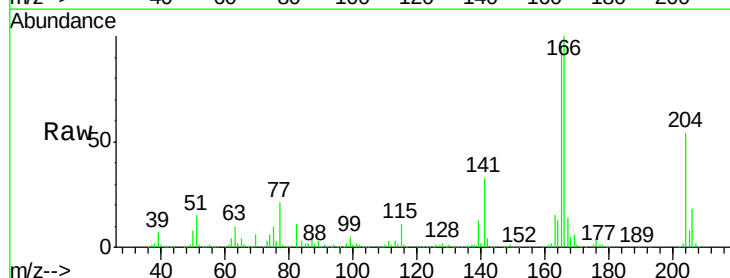


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0
Ion 182.00 (181.70 to 182.70): E

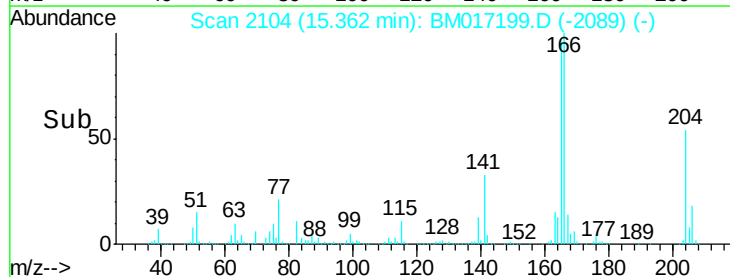
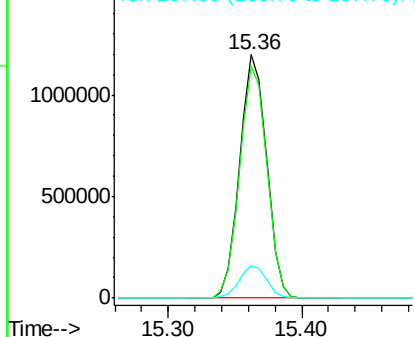


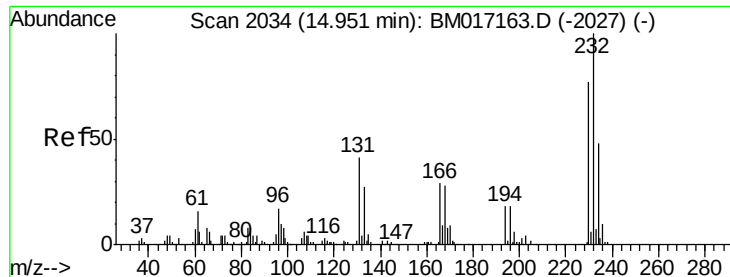
#58
Fluorene
Concen: 43.498 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM017199.D
Acq: 18 Oct 2018 18:57

Tgt Ion:166 Resp: 1664904
Ion Ratio Lower Upper
166 100
165 95.5 78.1 117.1
167 13.6 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

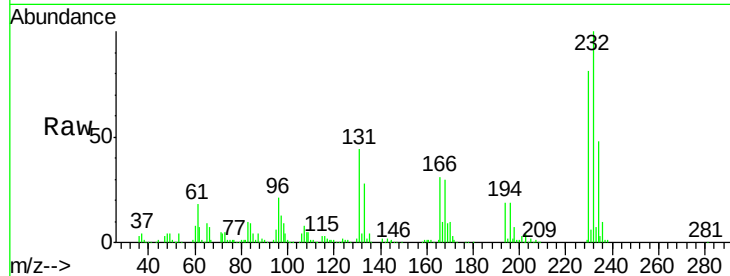




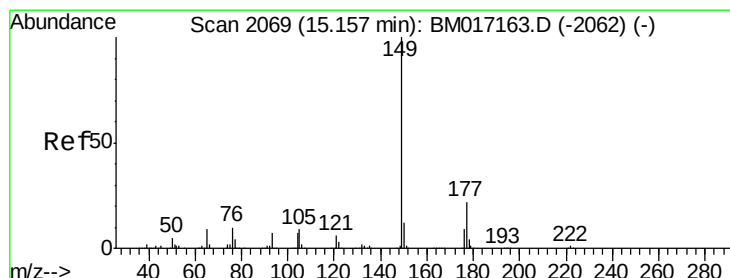
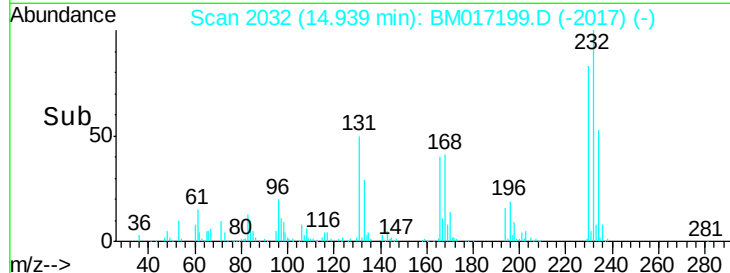
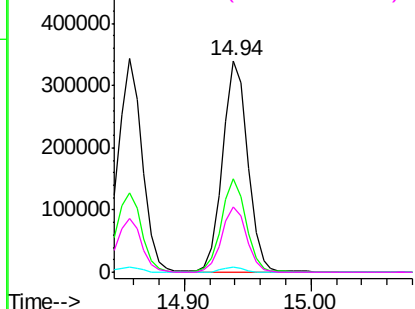
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.922 ng
RT: 14.94 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BM017199.D
Acq: 18 Oct 2018 18:57

Instrument :
BNA_M
ClientSampleId :
PB113954BS

Tgt Ion:232 Resp: 463281
Ion Ratio Lower Upper
232 100
131 43.4 33.1 49.7
130 2.2 1.7 2.5
166 31.3 24.4 36.6

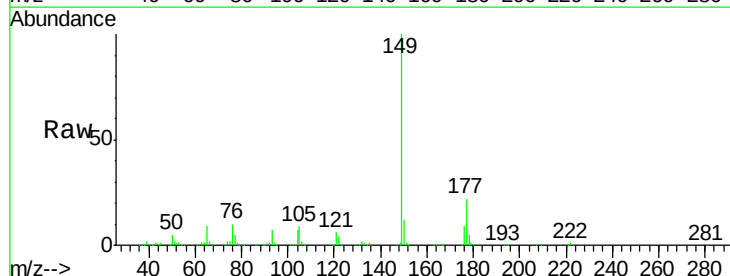


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

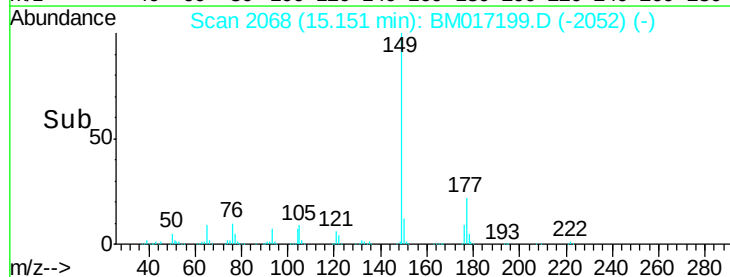
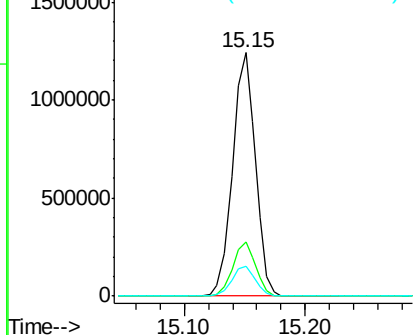


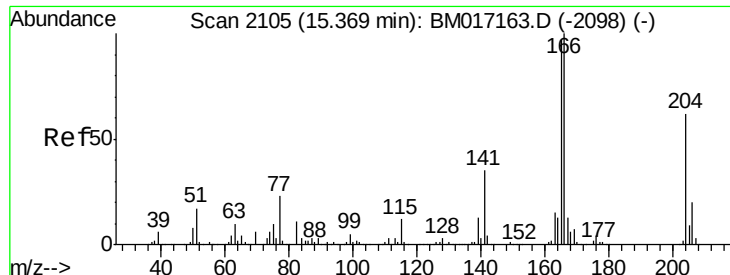
#60
Diethylphthalate
Concen: 41.376 ng
RT: 15.15 min Scan# 2068
Delta R.T. -0.01 min
Lab File: BM017199.D
Acq: 18 Oct 2018 18:57

Tgt Ion:149 Resp: 1633863
Ion Ratio Lower Upper
149 100
177 22.1 17.7 26.5
150 12.5 10.0 15.0



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

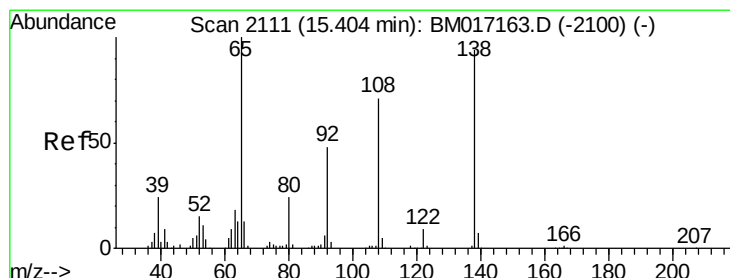
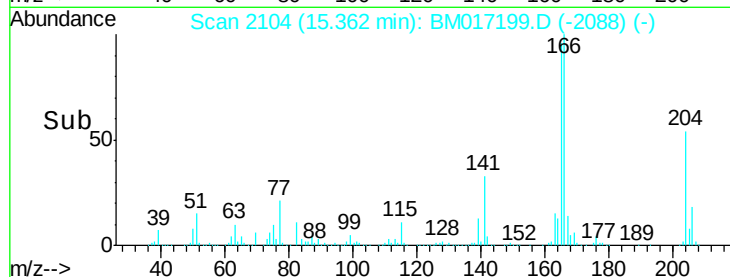
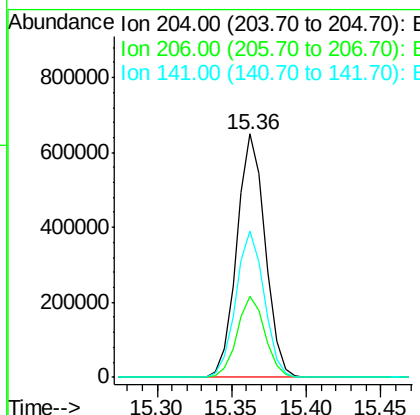
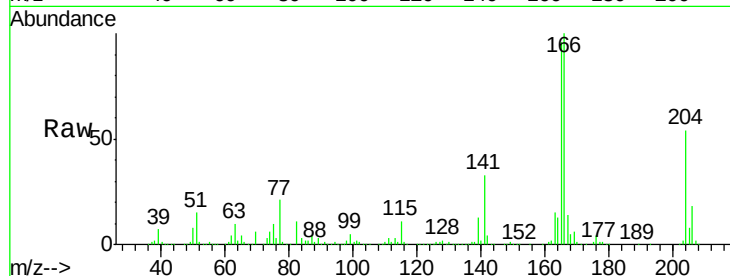




#61
4-Chlorophenyl-phenylether
Concen: 39.251 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM017199.D
Acq: 18 Oct 2018 18:57

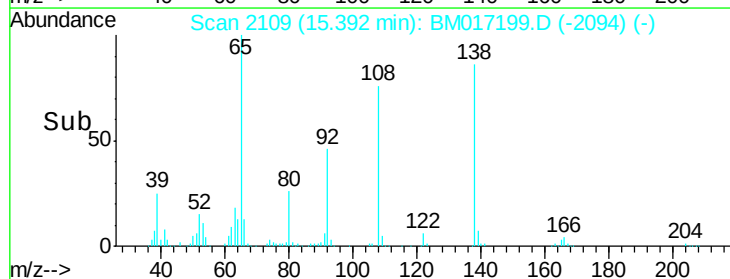
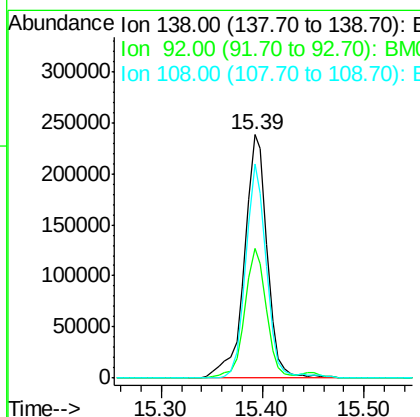
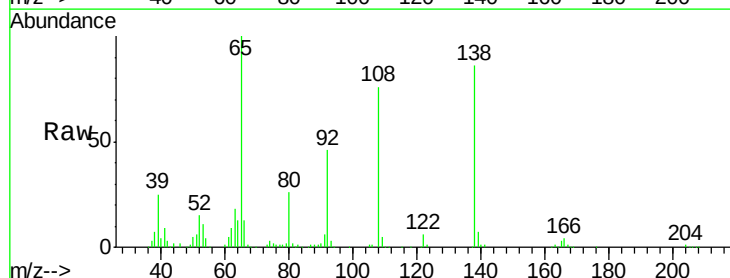
Instrument :
BNA_M
ClientSampleId :
PB113954BS

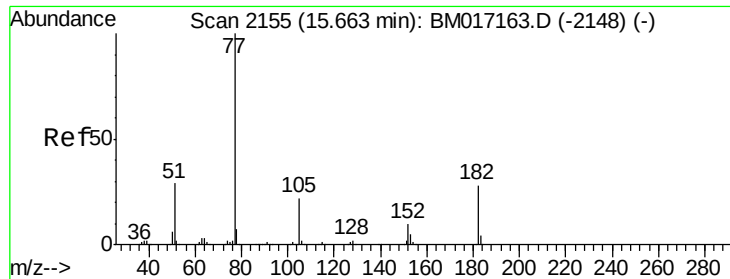
Tgt Ion:204 Resp: 856485
Ion Ratio Lower Upper
204 100
206 33.2 26.1 39.1
141 60.3 45.4 68.2



#62
4-Nitroaniline
Concen: 36.418 ng
RT: 15.39 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BM017199.D
Acq: 18 Oct 2018 18:57

Tgt Ion:138 Resp: 372268
Ion Ratio Lower Upper
138 100
92 53.3 31.2 71.2
108 87.8 55.5 95.5





#63

Azobenzene

Concen: 41.291 ng

RT: 15.66 min Scan# 2154

Delta R.T. -0.01 min

Lab File: BM017199.D

Acq: 18 Oct 2018 18:57

Instrument :

BNA_M

ClientSampleId :

PB113954BS

Tgt Ion: 77 Resp: 1584789

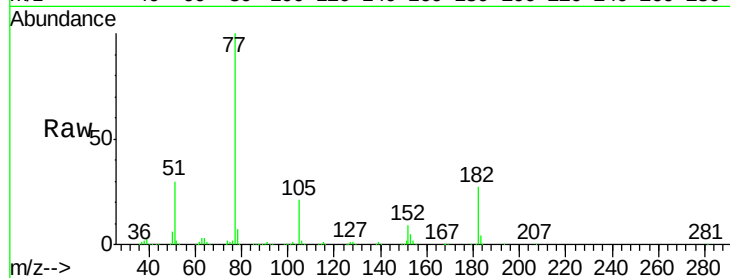
Ion Ratio Lower Upper

77 100

182 26.6 8.3 48.3

105 21.2 1.5 41.5

51 30.3 8.8 48.8

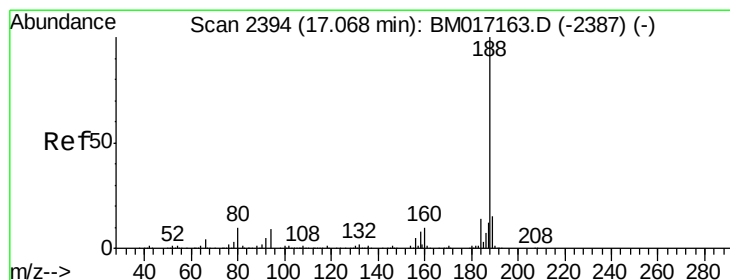
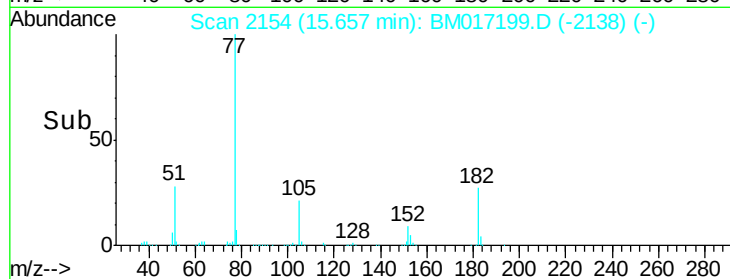
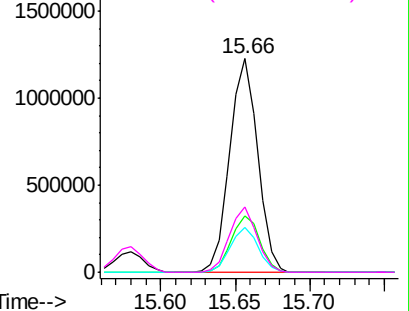


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2393

Delta R.T. -0.01 min

Lab File: BM017199.D

Acq: 18 Oct 2018 18:57

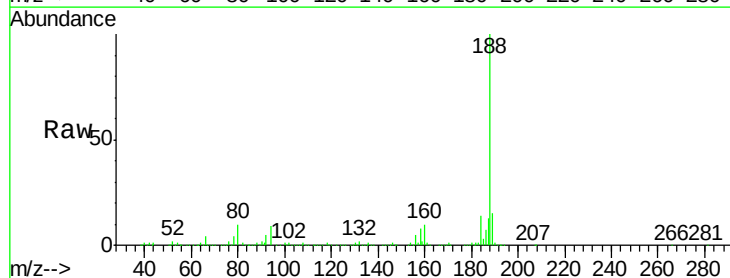
Tgt Ion: 188 Resp: 1076281

Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.4

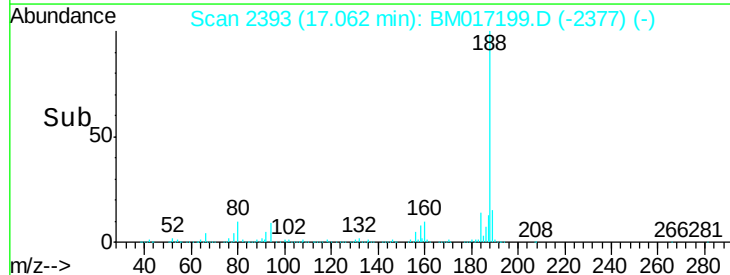
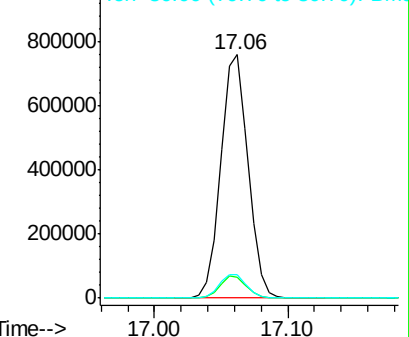
80 9.8 7.7 11.5

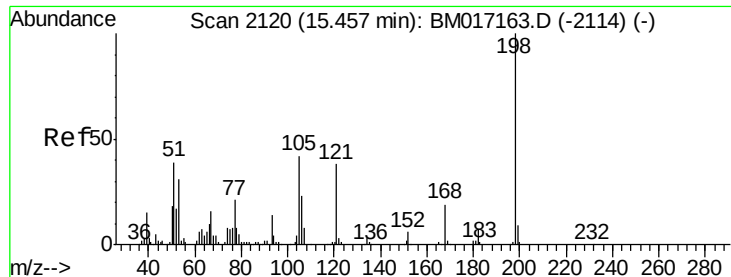


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#65

4,6-Dinitro-2-methylphenol

Concen: 41.562 ng

RT: 15.45 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BM017199.D

Acq: 18 Oct 2018 18:57

Instrument :

BNA_M

ClientSampleId :

PB113954BS

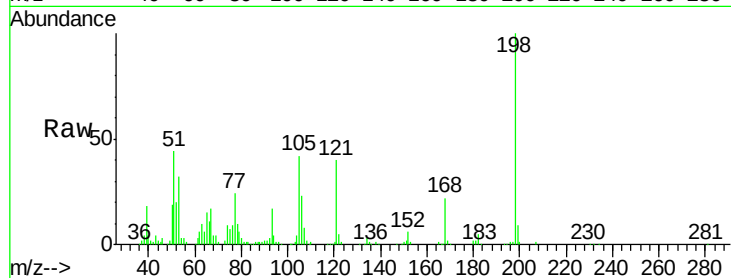
Tgt Ion:198 Resp: 279651

Ion Ratio Lower Upper

198 100

51 43.5 20.3 60.3

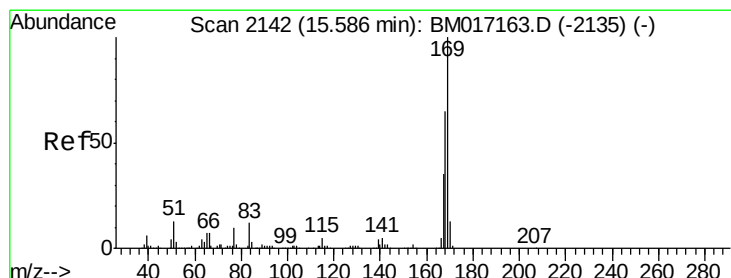
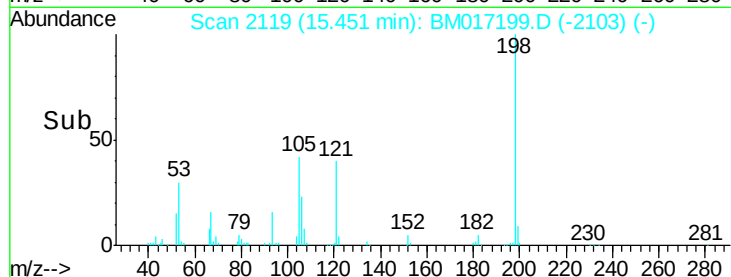
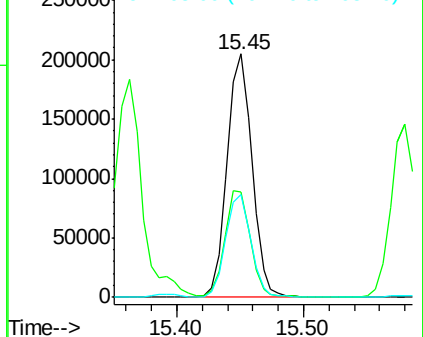
105 42.3 21.9 61.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.318 ng

RT: 15.58 min Scan# 2141

Delta R.T. -0.01 min

Lab File: BM017199.D

Acq: 18 Oct 2018 18:57

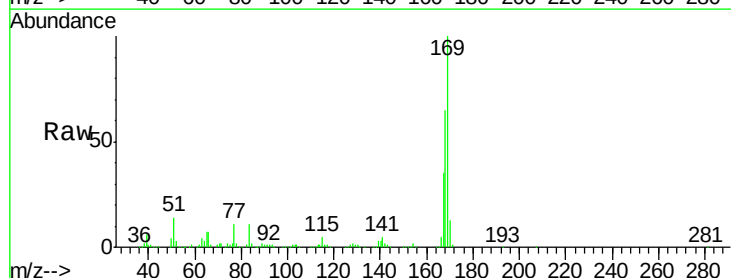
Tgt Ion:169 Resp: 1443101

Ion Ratio Lower Upper

169 100

168 64.6 52.2 78.4

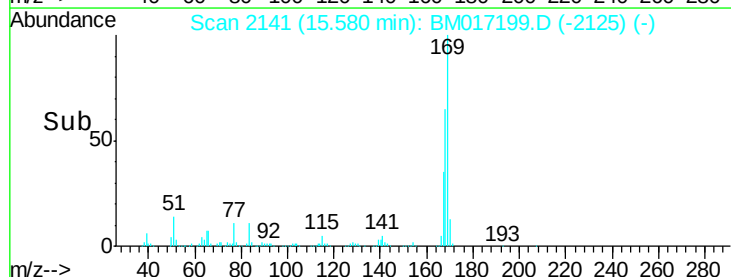
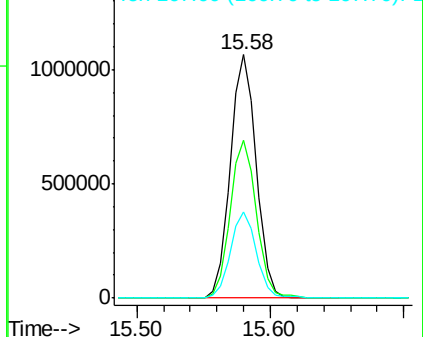
167 35.2 28.4 42.6

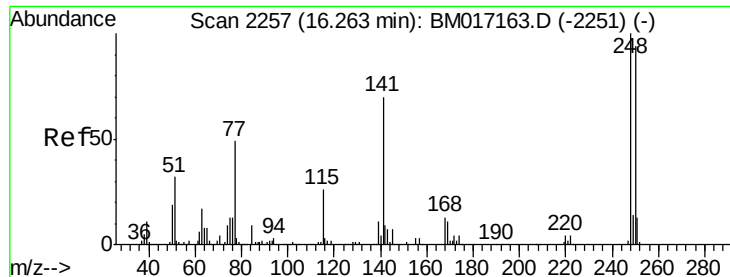


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

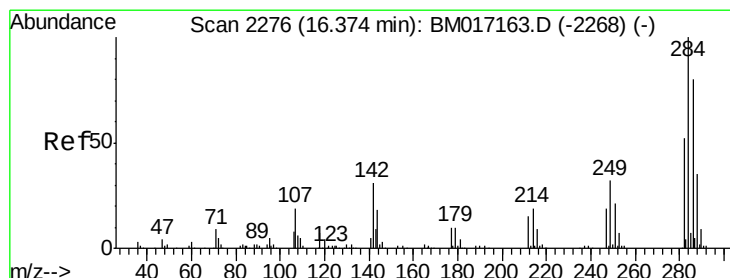
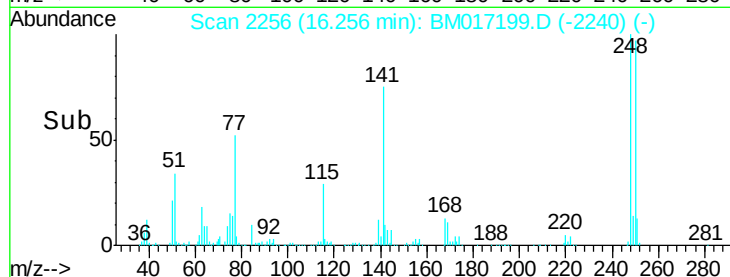
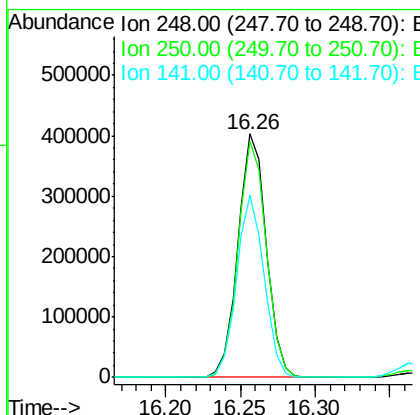
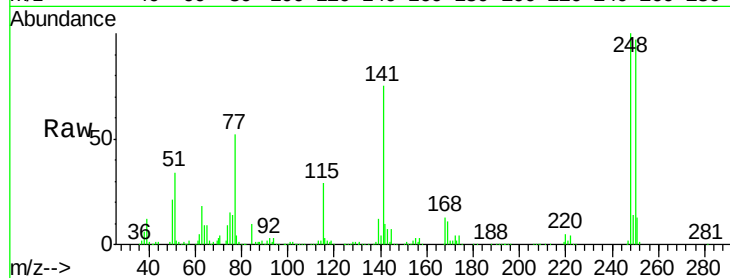




#67
4-Bromophenyl-phenylether
Concen: 44.747 ng
RT: 16.26 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM017199.D
Acq: 18 Oct 2018 18:57

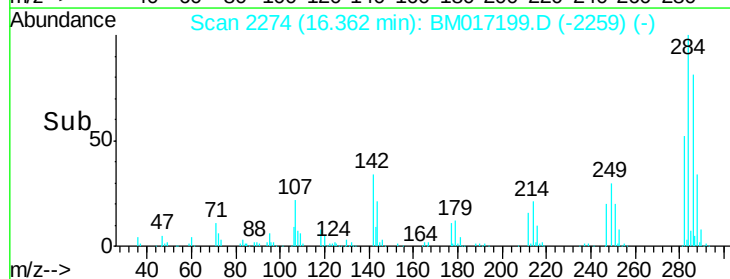
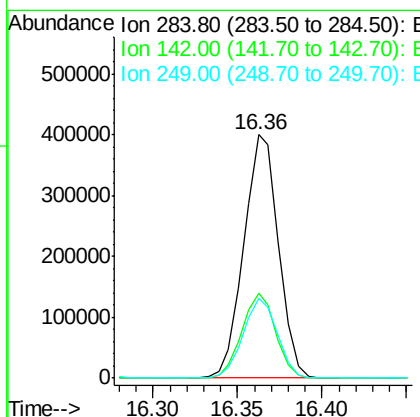
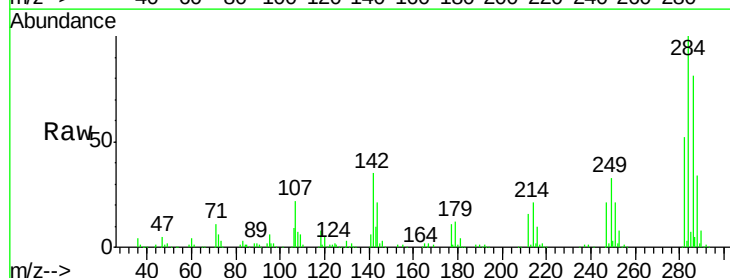
Instrument :
BNA_M
ClientSampled :
PB113954BS

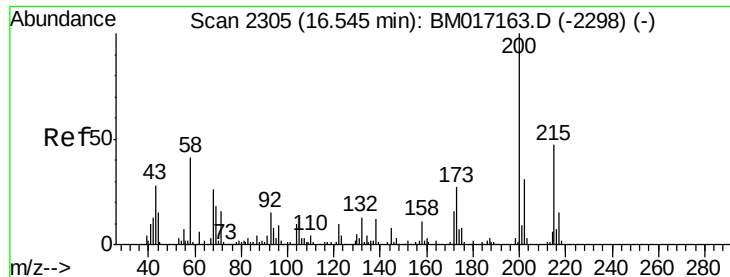
Tgt Ion:248 Resp: 528809
Ion Ratio Lower Upper
248 100
250 97.1 75.1 112.7
141 74.6 55.6 83.4



#68
Hexachlorobenzene
Concen: 41.487 ng
RT: 16.36 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BM017199.D
Acq: 18 Oct 2018 18:57

Tgt Ion:284 Resp: 569509
Ion Ratio Lower Upper
284 100
142 35.1 25.0 37.6
249 33.0 25.5 38.3





#69

Atrazine

Concen: 43.340 ng

RT: 16.54 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BM017199.D

Acq: 18 Oct 2018 18:57

Instrument :

BNA_M

ClientSampleId :

PB113954BS

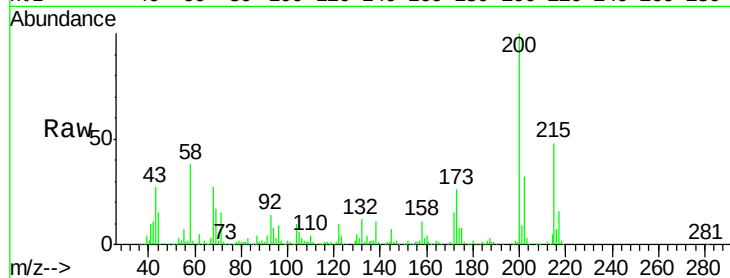
Tgt Ion:200 Resp: 505101

Ion Ratio Lower Upper

200 100

173 26.3 7.0 47.0

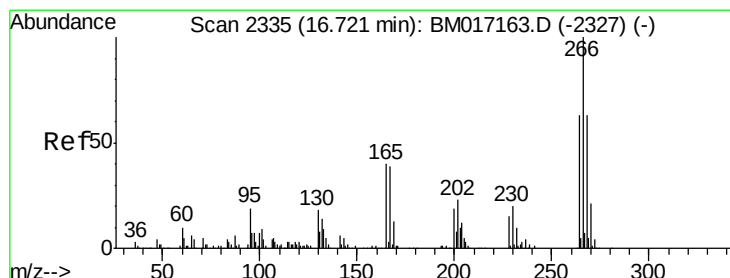
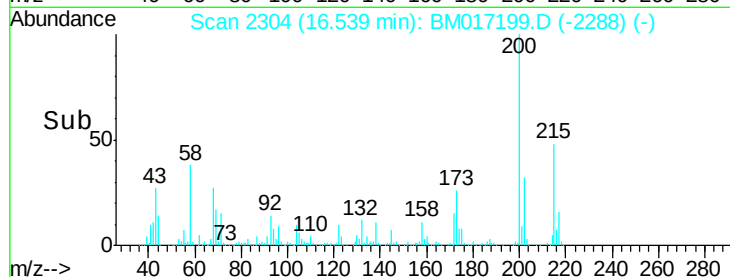
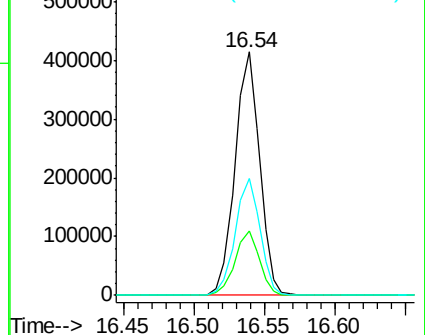
215 47.8 27.3 67.3



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: 72.979 ng

RT: 16.71 min Scan# 2333

Delta R.T. -0.01 min

Lab File: BM017199.D

Acq: 18 Oct 2018 18:57

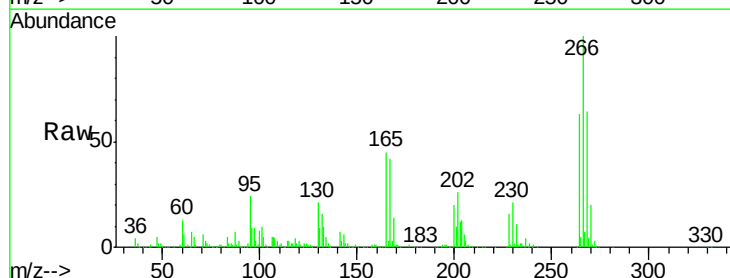
Tgt Ion:266 Resp: 686270

Ion Ratio Lower Upper

266 100

268 64.3 50.7 76.1

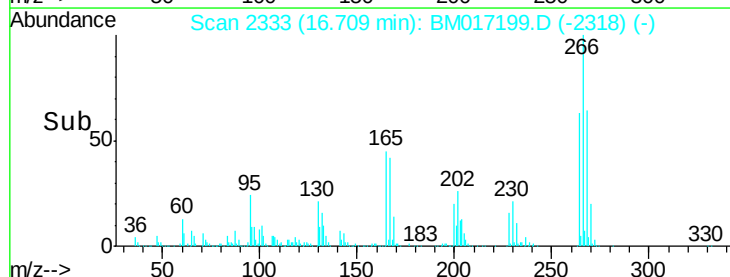
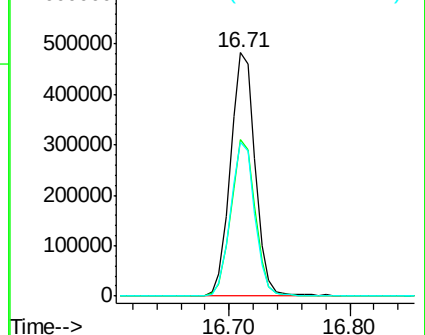
264 63.2 50.4 75.6

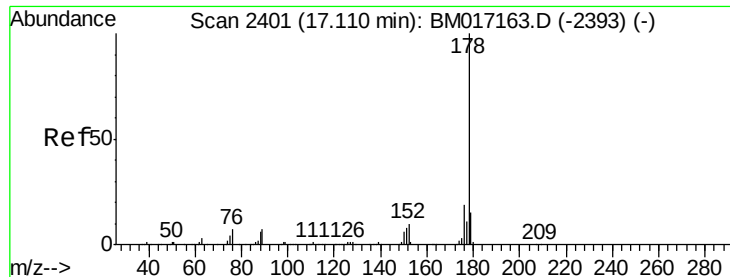


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.641 ng

RT: 17.10 min Scan# 2400

Delta R.T. -0.01 min

Lab File: BM017199.D

Acq: 18 Oct 2018 18:57

Instrument :

BNA_M

ClientSampleId :

PB113954BS

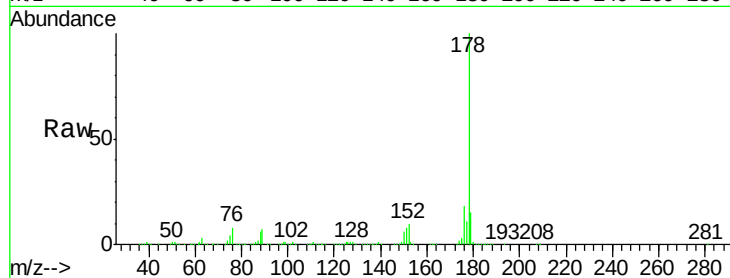
Tgt Ion:178 Resp: 2534201

Ion Ratio Lower Upper

178 100

176 18.3 15.0 22.6

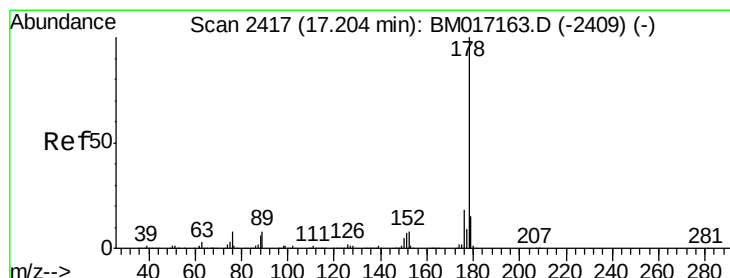
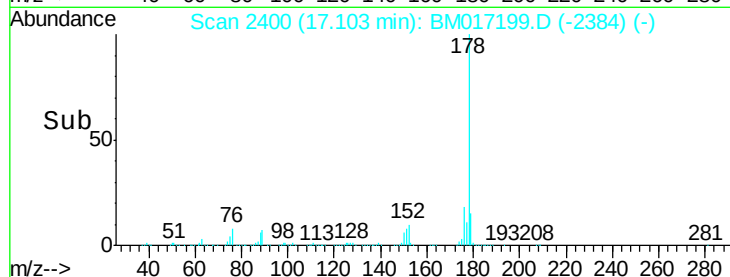
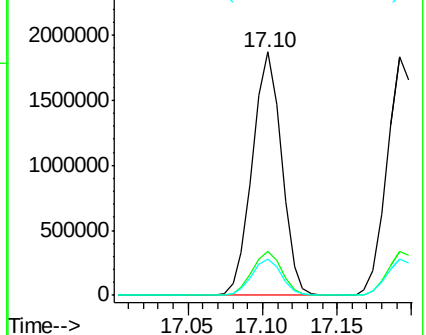
179 14.7 12.3 18.5



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: 46.531 ng

RT: 17.19 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BM017199.D

Acq: 18 Oct 2018 18:57

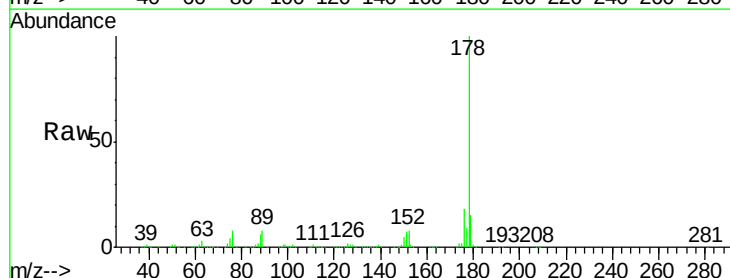
Tgt Ion:178 Resp: 2567369

Ion Ratio Lower Upper

178 100

176 18.3 14.5 21.7

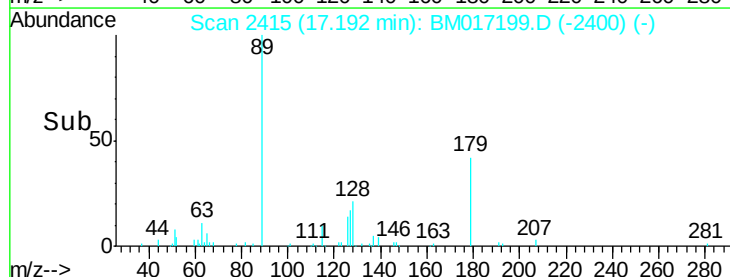
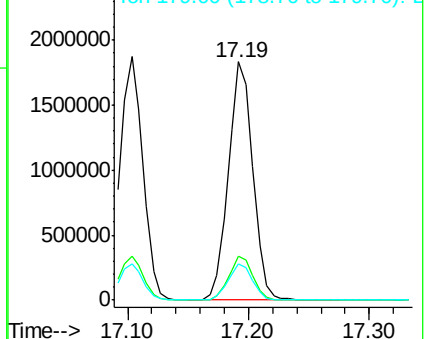
179 15.5 12.2 18.2

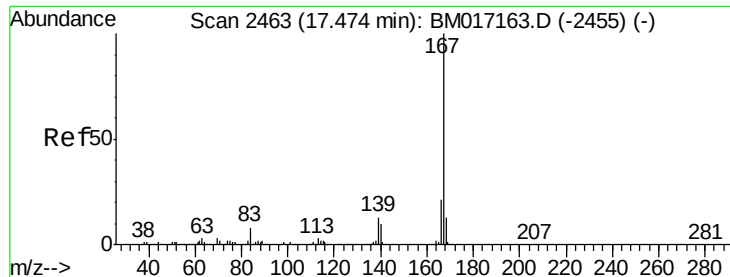


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

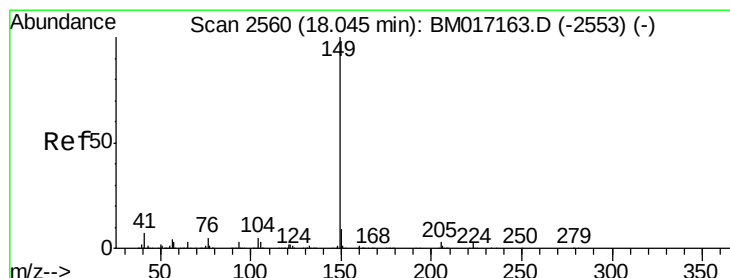
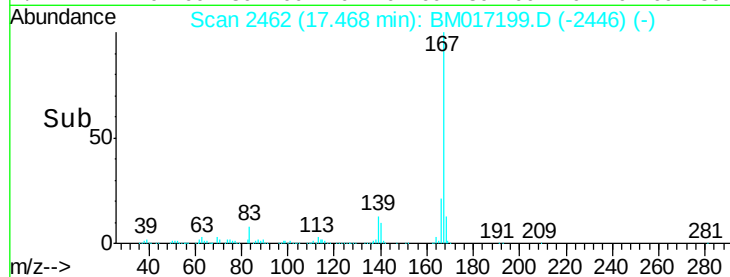
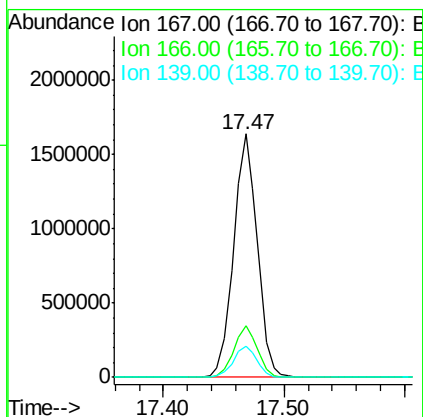
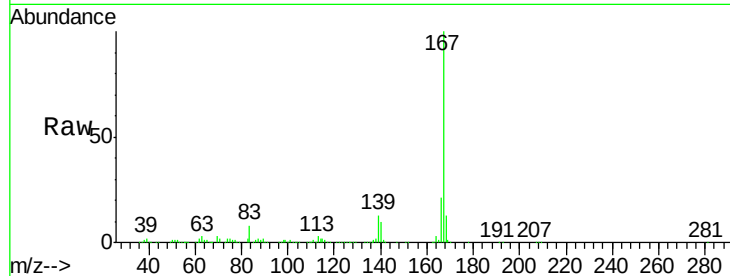




#73
 Carbazole
 Concen: 39.623 ng
 RT: 17.47 min Scan# 2462
 Delta R.T. -0.01 min
 Lab File: BM017199.D
 Acq: 18 Oct 2018 18:57

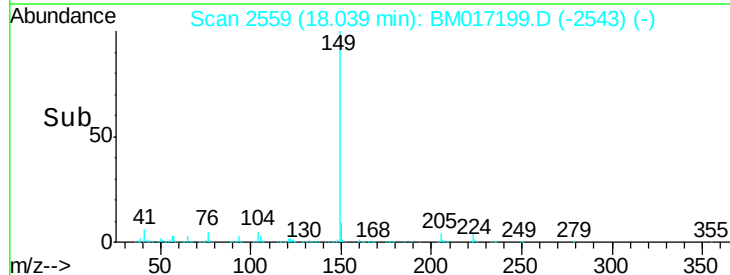
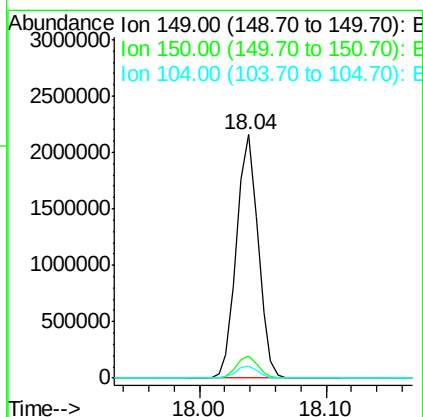
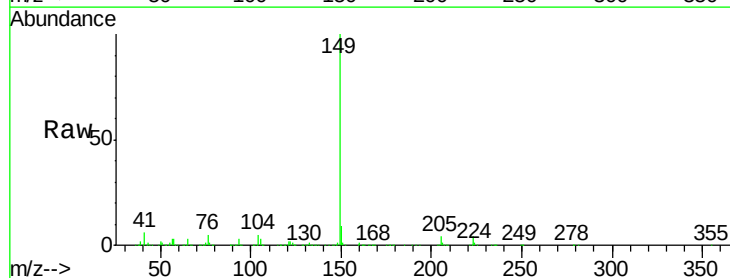
Instrument :
 BNA_M
 ClientSampleId :
 PB113954BS

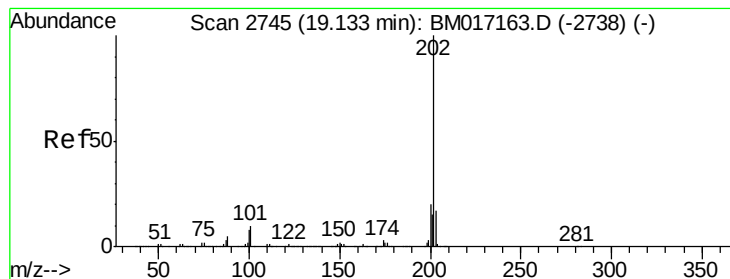
Tgt Ion:167 Resp: 2233234
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.1 25.7
 139 12.6 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 42.687 ng
 RT: 18.04 min Scan# 2559
 Delta R.T. -0.01 min
 Lab File: BM017199.D
 Acq: 18 Oct 2018 18:57

Tgt Ion:149 Resp: 2537608
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 4.9 4.3 6.5





#75

Fluoranthene

Concen: 42.446 ng

RT: 19.12 min Scan# 2743

Delta R.T. -0.01 min

Lab File: BM017199.D

Acq: 18 Oct 2018 18:57

Instrument :

BNA_M

ClientSampleId :

PB113954BS

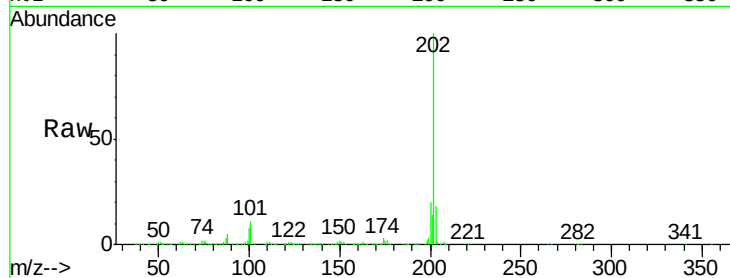
Tgt Ion:202 Resp: 2773561

Ion Ratio Lower Upper

202 100

101 10.7 0.0 30.0

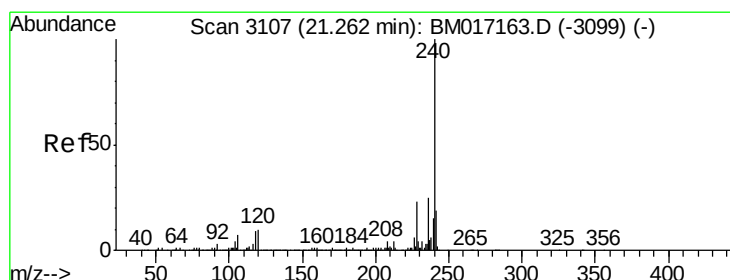
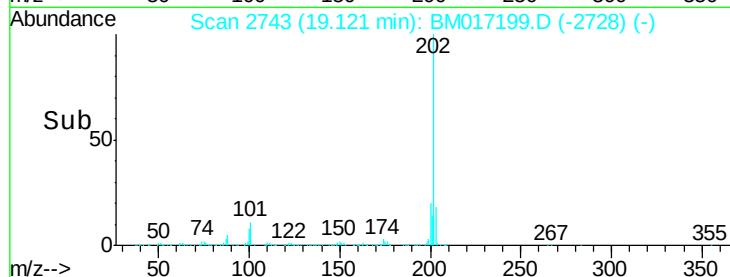
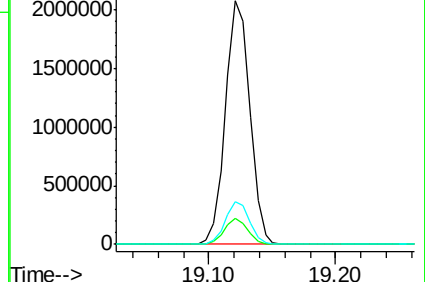
203 17.7 0.0 37.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM017199.D

Acq: 18 Oct 2018 18:57

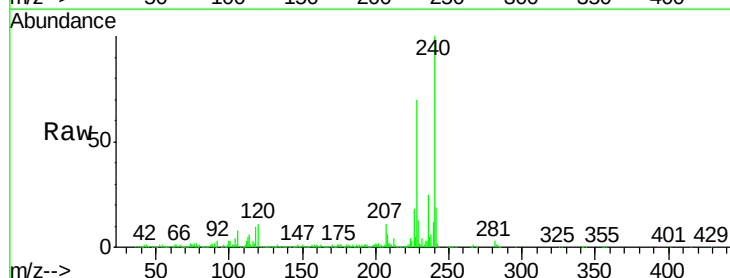
Tgt Ion:240 Resp: 1064162

Ion Ratio Lower Upper

240 100

120 10.7 8.1 12.1

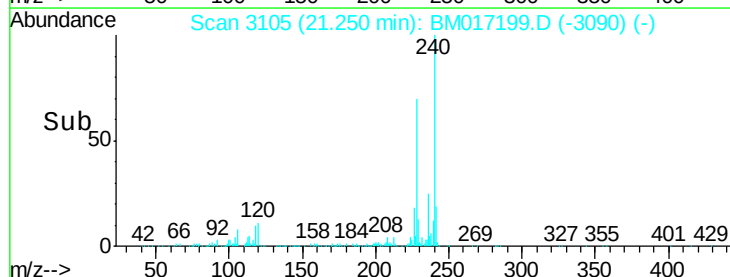
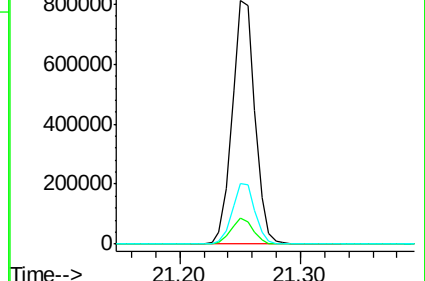
236 24.7 19.9 29.9

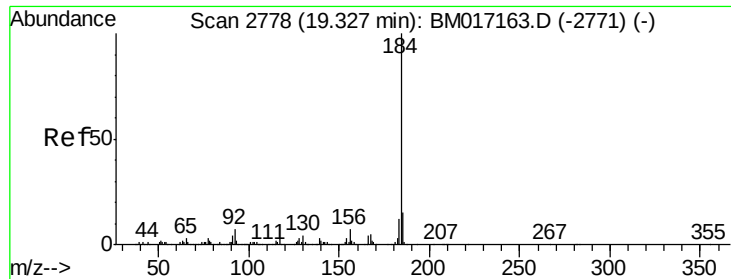


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 64.697 ng

RT: 19.32 min Scan# 2777

Delta R.T. -0.01 min

Lab File: BM017199.D

Acq: 18 Oct 2018 18:57

Instrument :

BNA_M

ClientSampleId :

PB113954BS

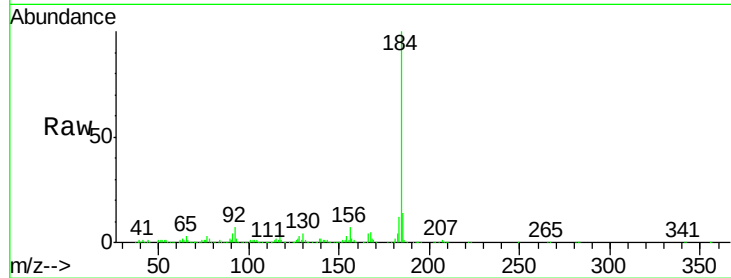
Tgt Ion:184 Resp: 1745755

Ion Ratio Lower Upper

184 100

185 13.9 11.8 17.8

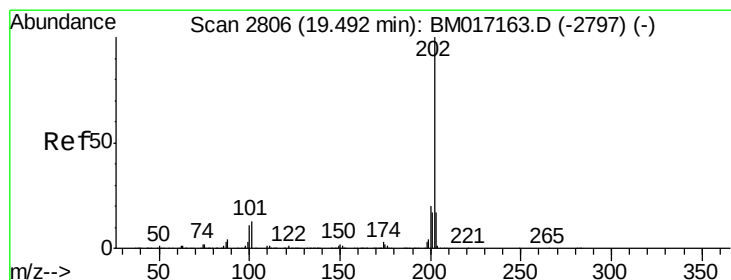
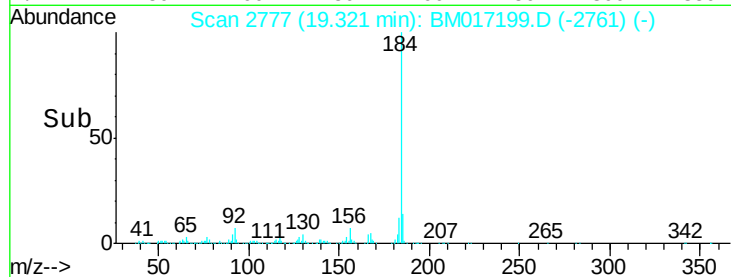
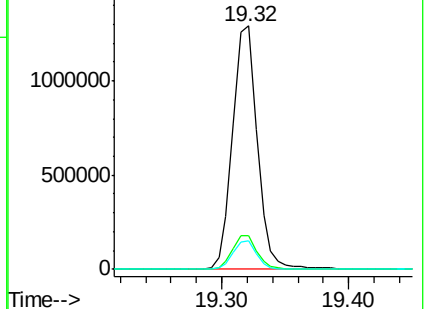
183 11.8 9.7 14.5



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: 47.357 ng

RT: 19.49 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BM017199.D

Acq: 18 Oct 2018 18:57

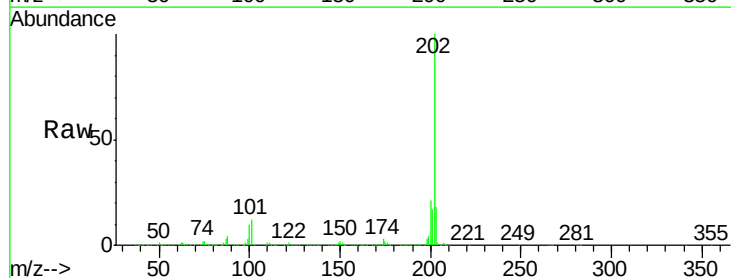
Tgt Ion:202 Resp: 2816608

Ion Ratio Lower Upper

202 100

200 20.6 16.3 24.5

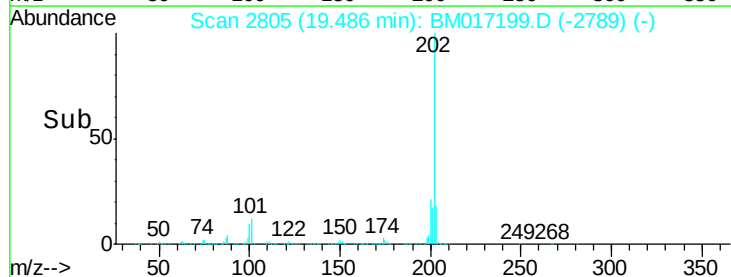
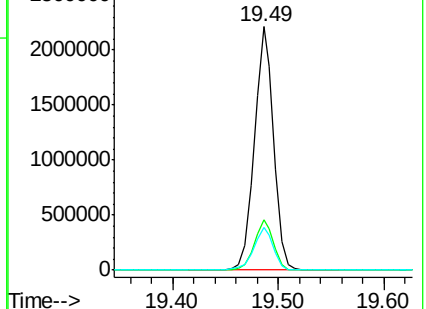
203 17.5 13.9 20.9

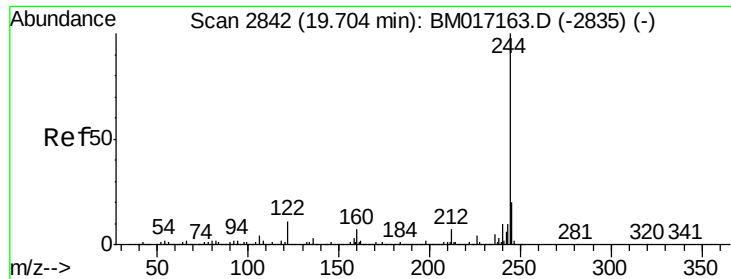


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 66.982 ng

RT: 19.70 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BM017199.D

Acq: 18 Oct 2018 18:57

Instrument :

BNA_M

ClientSampleId :

PB113954BS

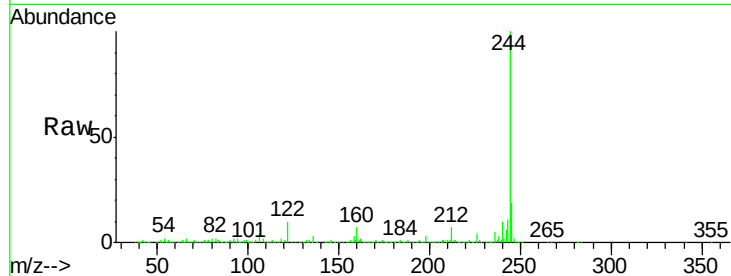
Tgt Ion:244 Resp: 3162383

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

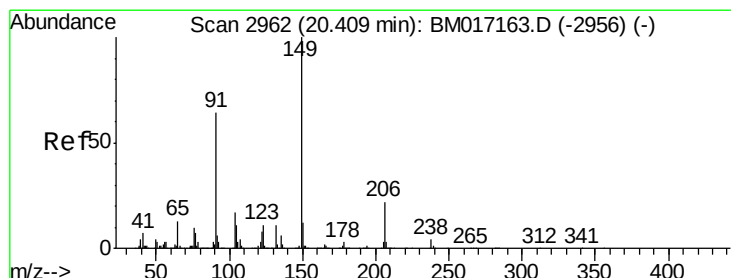
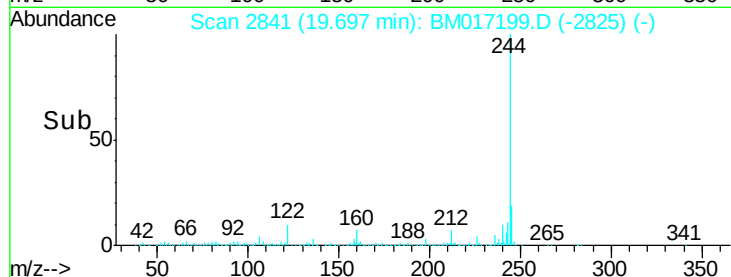
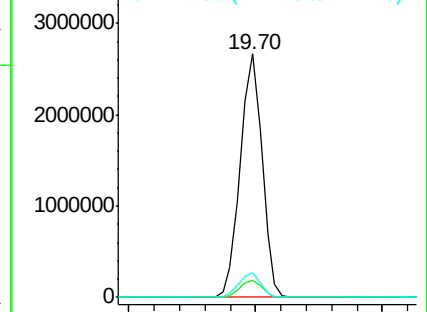
122 10.0 8.4 12.6



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: 46.459 ng

RT: 20.40 min Scan# 2960

Delta R.T. -0.01 min

Lab File: BM017199.D

Acq: 18 Oct 2018 18:57

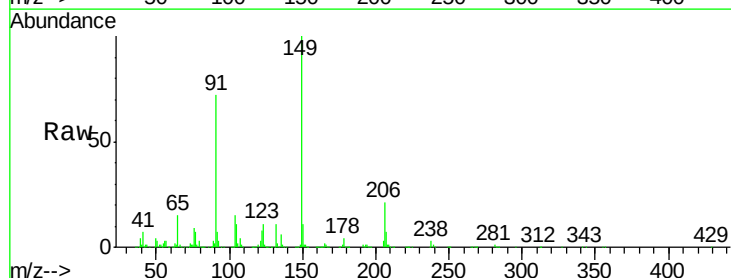
Tgt Ion:149 Resp: 1045371

Ion Ratio Lower Upper

149 100

91 71.6 51.3 76.9

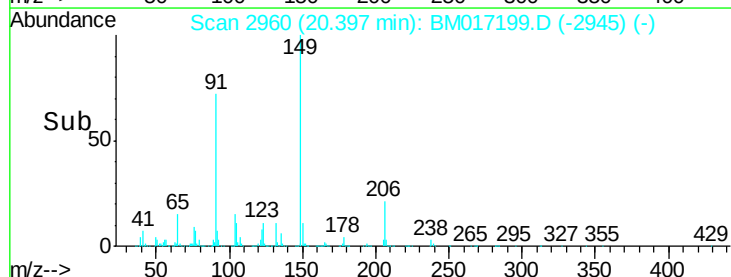
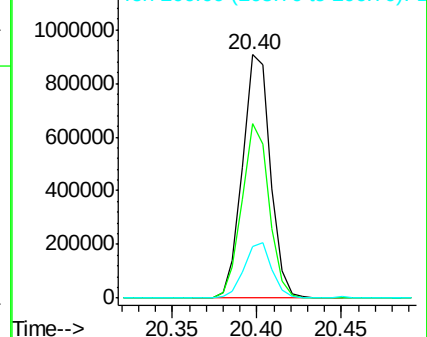
206 21.3 18.0 27.0

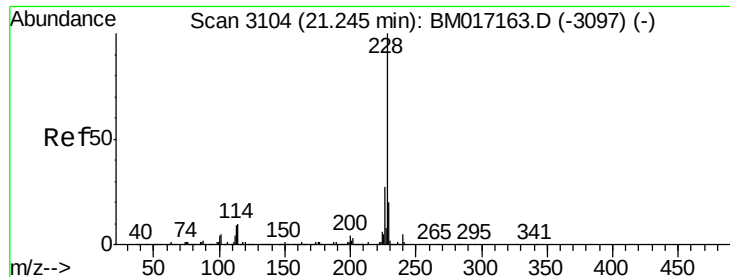


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E

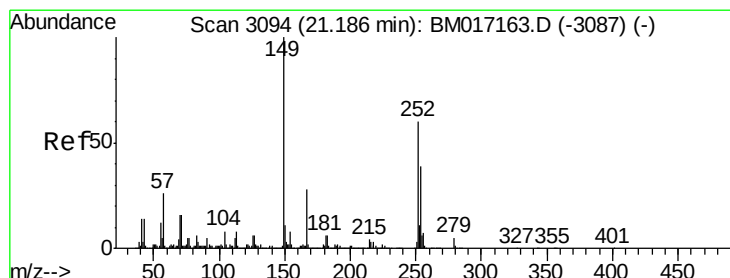
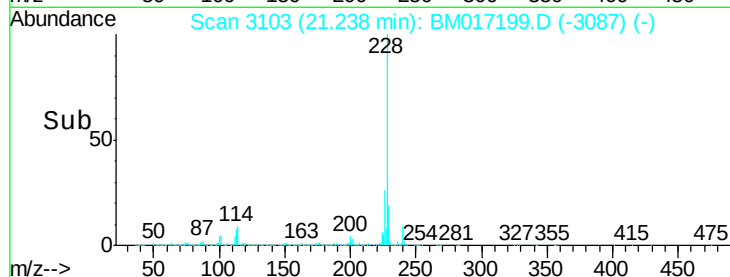
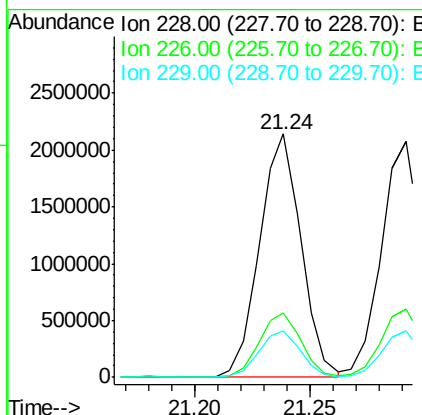
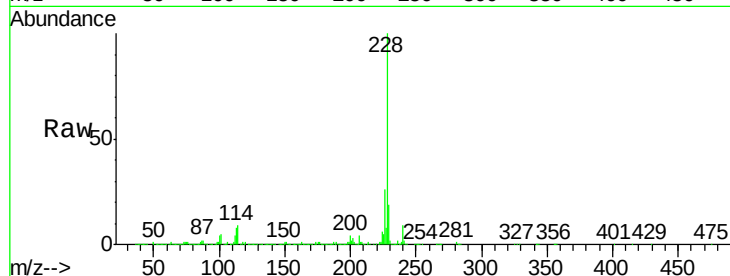




#81
Benzo(a)anthracene
Concen: 44.515 ng
RT: 21.24 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM017199.D
Acq: 18 Oct 2018 18:57

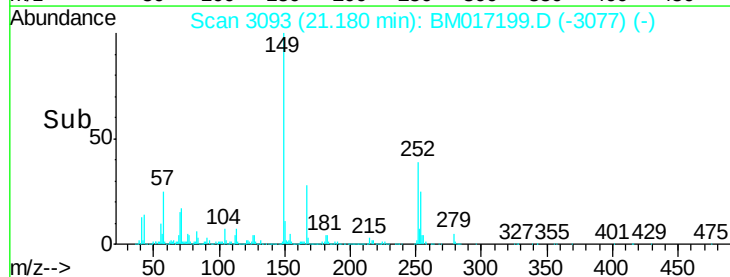
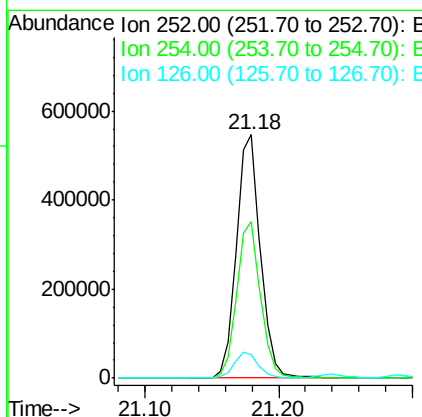
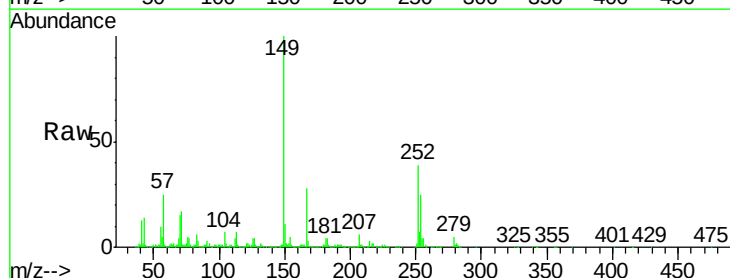
Instrument :
BNA_M
ClientSampleId :
PB113954BS

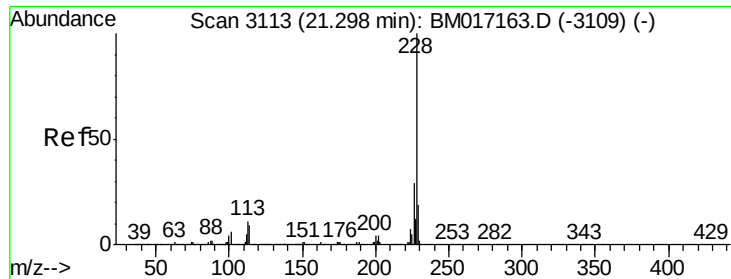
Tgt Ion:228 Resp: 2665797
Ion Ratio Lower Upper
228 100
226 26.3 21.4 32.0
229 19.1 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 30.494 ng
RT: 21.18 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM017199.D
Acq: 18 Oct 2018 18:57

Tgt Ion:252 Resp: 680596
Ion Ratio Lower Upper
252 100
254 64.4 52.1 78.1
126 9.8 8.6 12.8





#83

Chrysene

Concen: 42.933 ng

RT: 21.29 min Scan# 3112

Delta R.T. -0.01 min

Lab File: BM017199.D

Acq: 18 Oct 2018 18:57

Instrument :

BNA_M

ClientSampleId :

PB113954BS

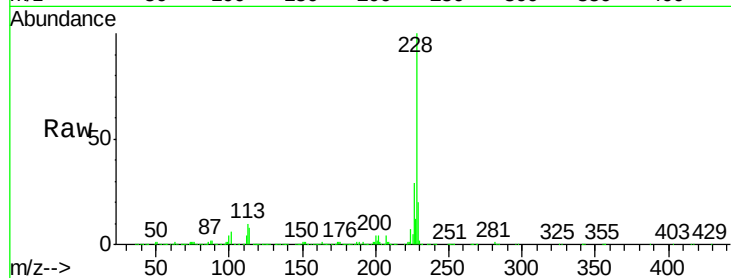
Tgt Ion:228 Resp: 2544827

Ion Ratio Lower Upper

228 100

226 29.2 23.3 34.9

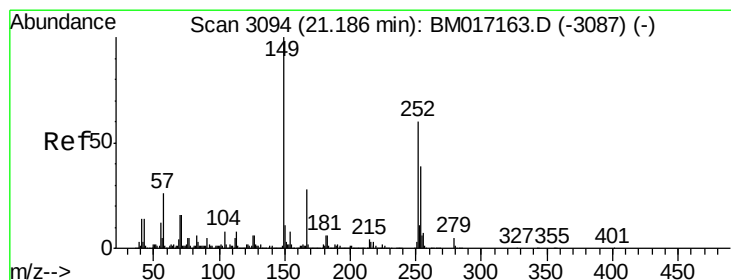
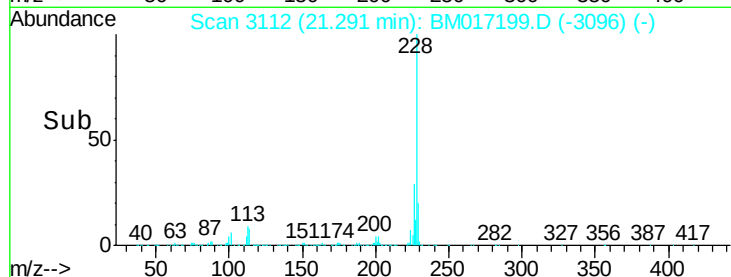
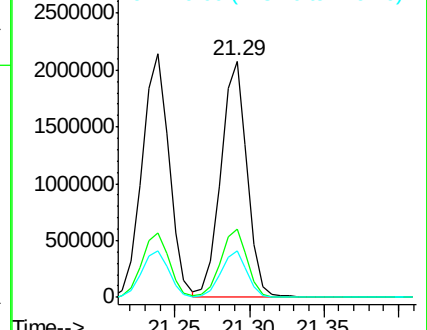
229 19.5 15.6 23.4



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: 43.822 ng

RT: 21.18 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BM017199.D

Acq: 18 Oct 2018 18:57

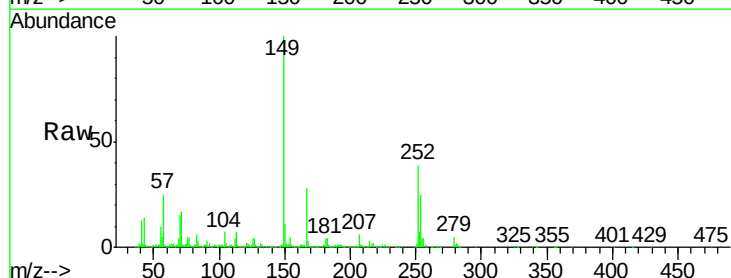
Tgt Ion:149 Resp: 1499484

Ion Ratio Lower Upper

149 100

167 28.0 22.2 33.4

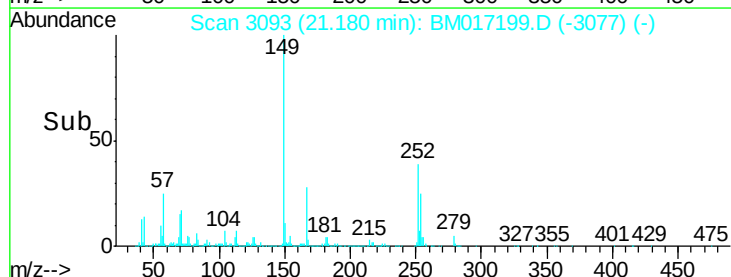
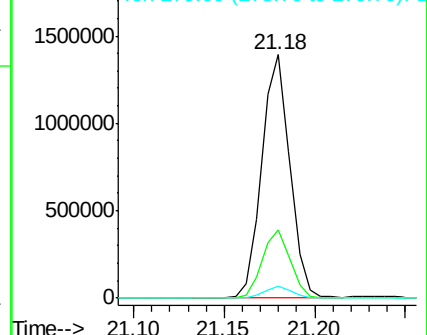
279 4.9 3.6 5.4

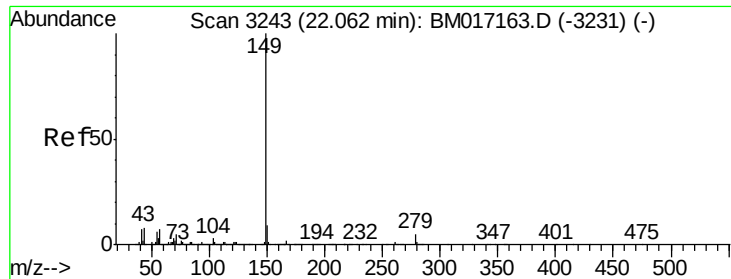


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

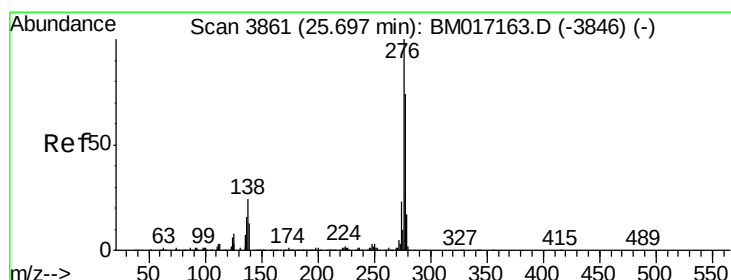
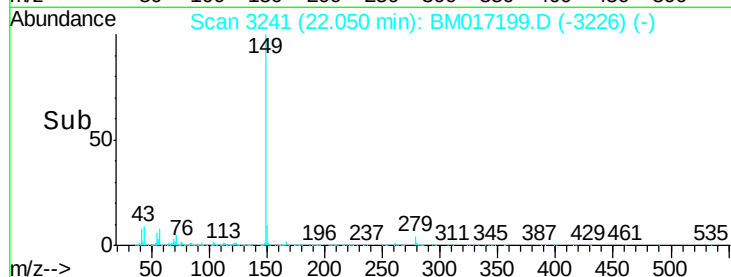
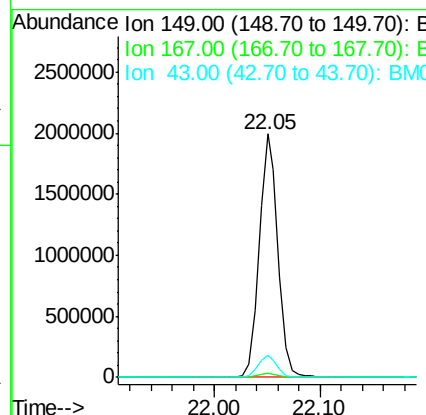
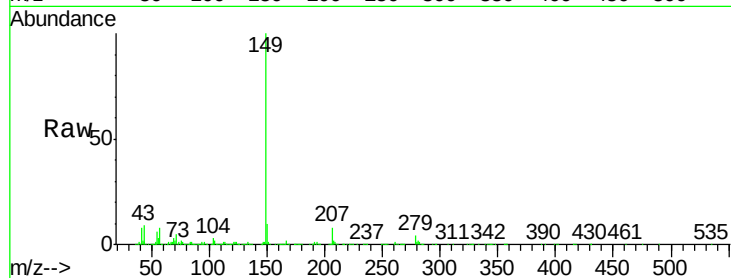




#85
Di-n-octyl phthalate
Concen: 42.590 ng
RT: 22.05 min Scan# 3241
Delta R.T. -0.01 min
Lab File: BM017199.D
Acq: 18 Oct 2018 18:57

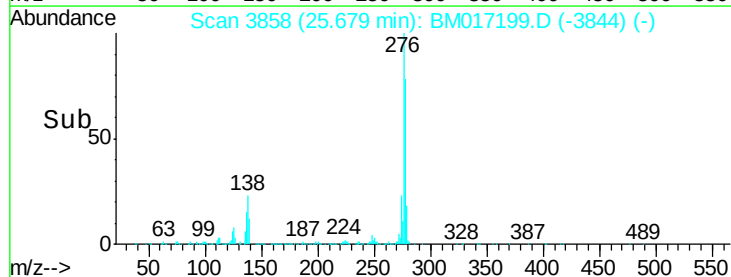
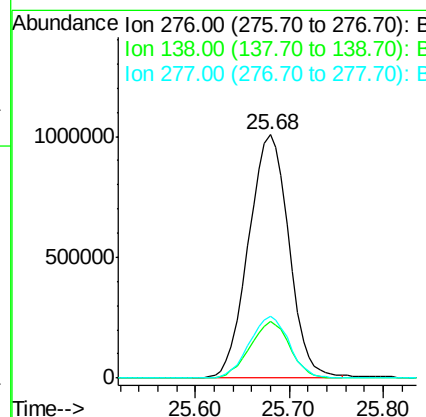
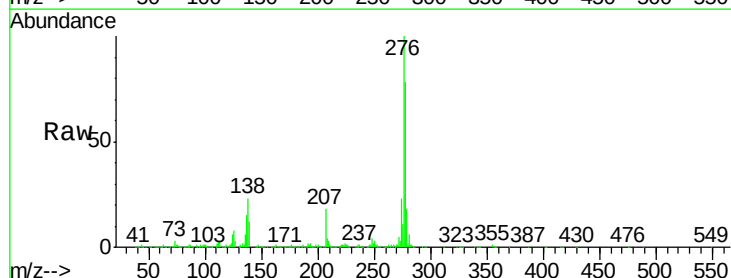
Instrument :
BNA_M
ClientSampleId :
PB113954BS

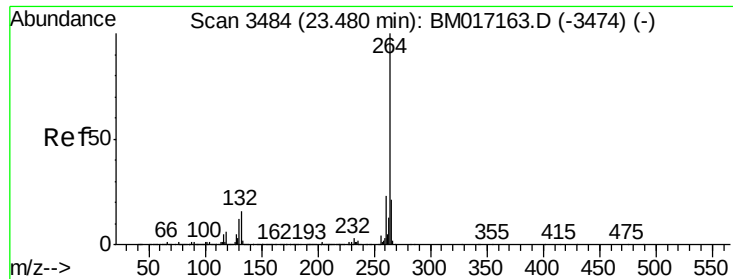
Tgt Ion:149 Resp: 2456821
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 9.1 7.2 10.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 45.274 ng
RT: 25.68 min Scan# 3858
Delta R.T. -0.02 min
Lab File: BM017199.D
Acq: 18 Oct 2018 18:57

Tgt Ion:276 Resp: 3001558
Ion Ratio Lower Upper
276 100
138 22.7 19.5 29.3
277 25.2 20.1 30.1



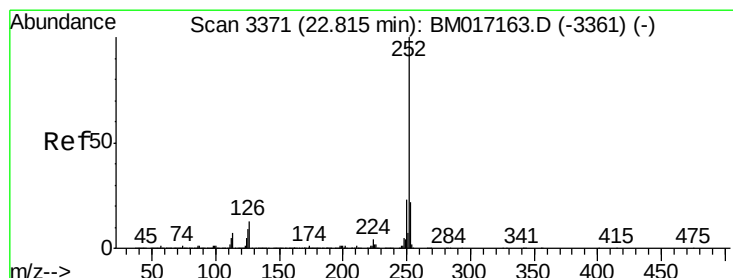
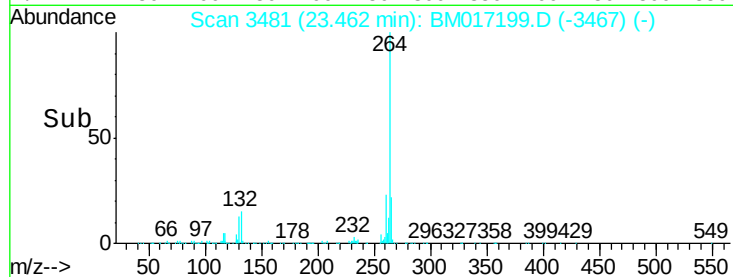
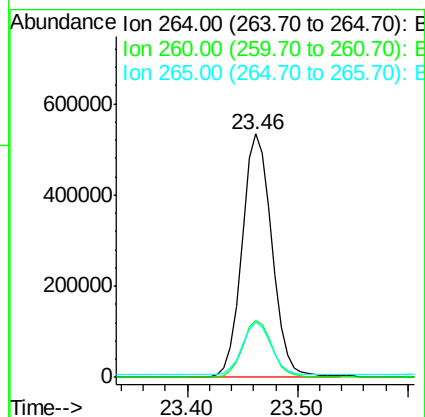
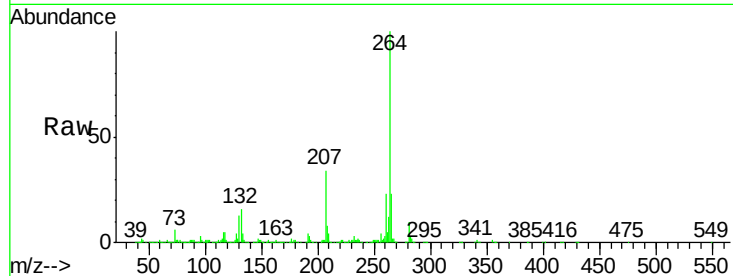


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3481
Delta R.T. -0.02 min
Lab File: BM017199.D
Acq: 18 Oct 2018 18:57

Instrument :
BNA_M
ClientSampleId :
PB113954BS

Tgt Ion:264 Resp: 1017454

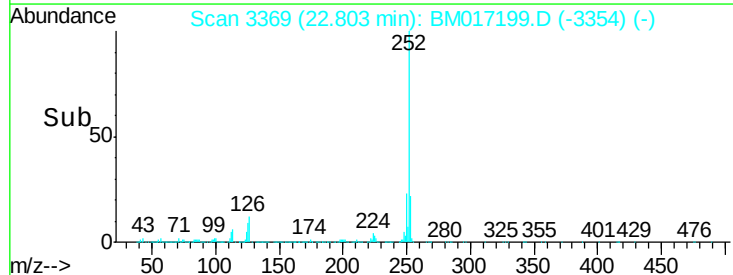
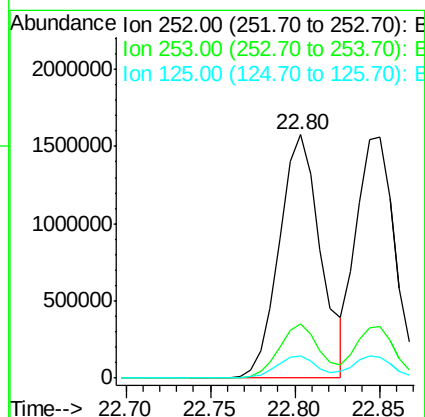
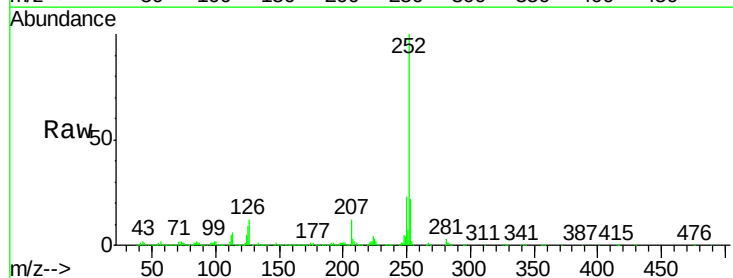
Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	27.8
265	22.7	17.8	26.8

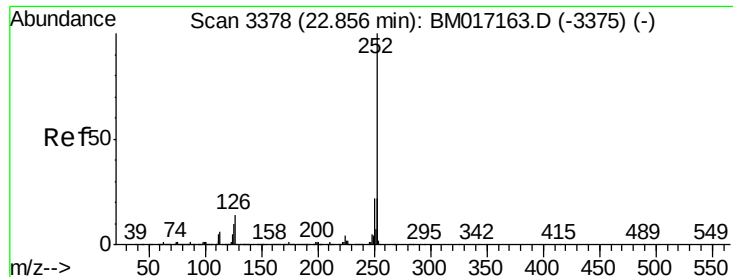


#88
Benzo(b)fluoranthene
Concen: 47.990 ng
RT: 22.80 min Scan# 3369
Delta R.T. -0.01 min
Lab File: BM017199.D
Acq: 18 Oct 2018 18:57

Tgt Ion:252 Resp: 2669565

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	9.3	7.5	11.3





#89

Benzo(k)fluoranthene

Concen: 44.455 ng

RT: 22.85 min Scan# 3377

Delta R.T. -0.01 min

Lab File: BM017199.D

Acq: 18 Oct 2018 18:57

Instrument :

BNA_M

ClientSampleId :

PB113954BS

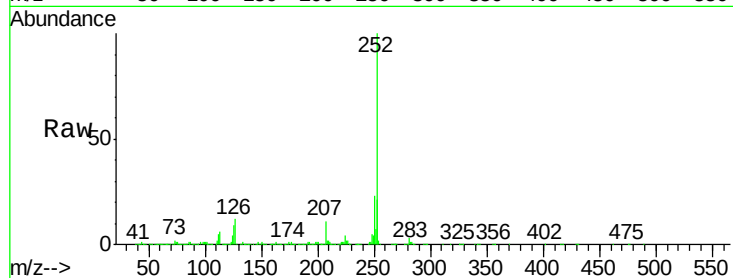
Tgt Ion:252 Resp: 2481421

Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

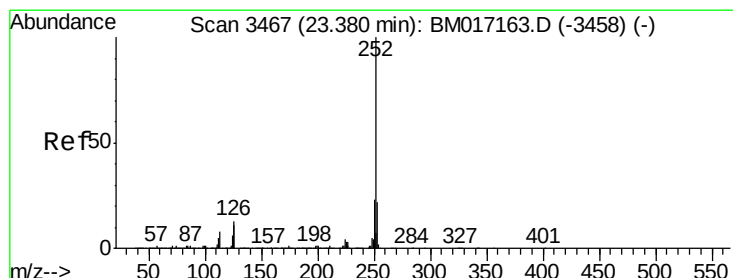
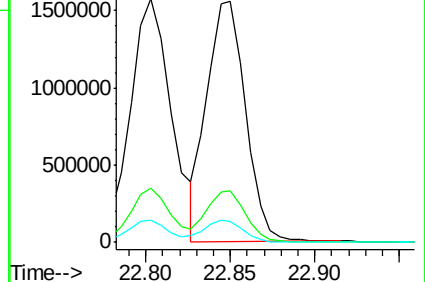
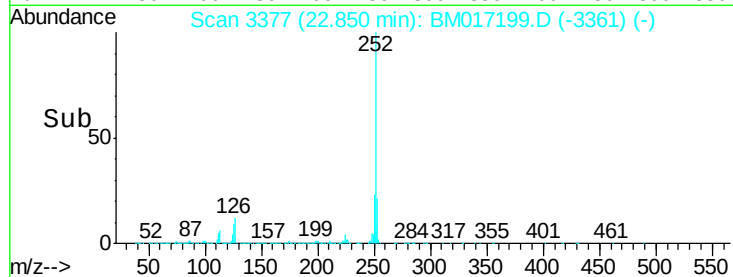
125 8.8 8.2 12.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 47.191 ng

RT: 23.37 min Scan# 3465

Delta R.T. -0.01 min

Lab File: BM017199.D

Acq: 18 Oct 2018 18:57

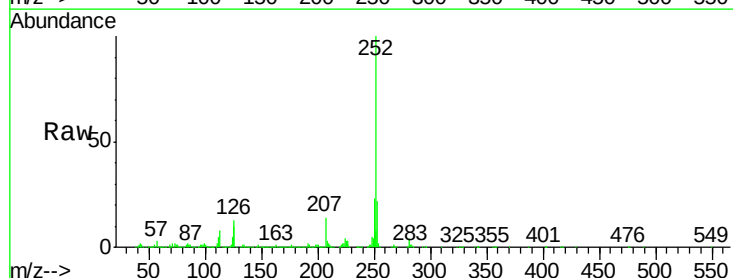
Tgt Ion:252 Resp: 2492469

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

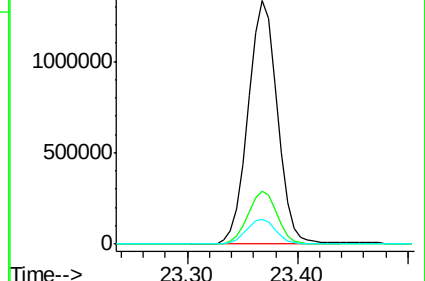
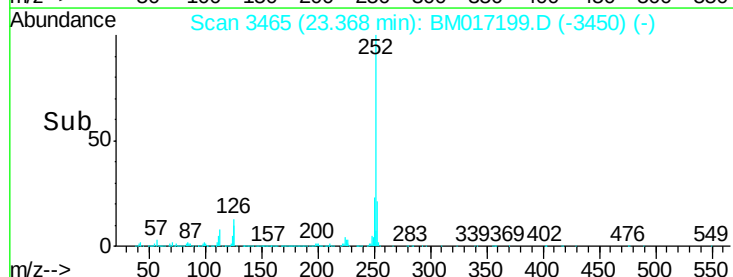
125 10.1 8.6 13.0

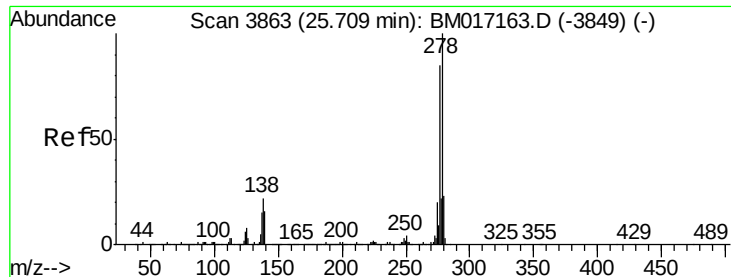


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 48.272 ng

RT: 25.69 min Scan# 3860

Delta R.T. -0.02 min

Lab File: BM017199.D

Acq: 18 Oct 2018 18:57

Instrument :

BNA_M

ClientSampleId :

PB113954BS

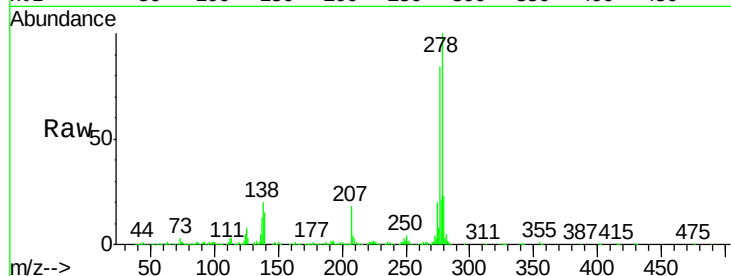
Tgt Ion:278 Resp: 2531646

Ion Ratio Lower Upper

278 100

139 15.0 12.7 19.1

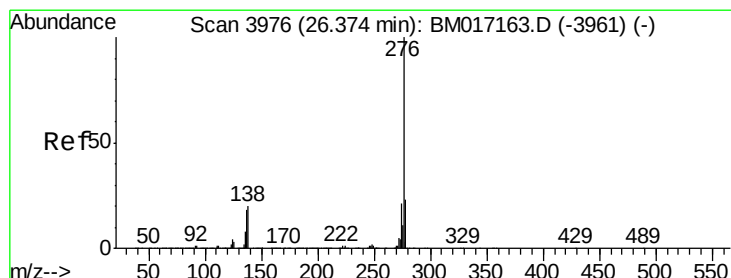
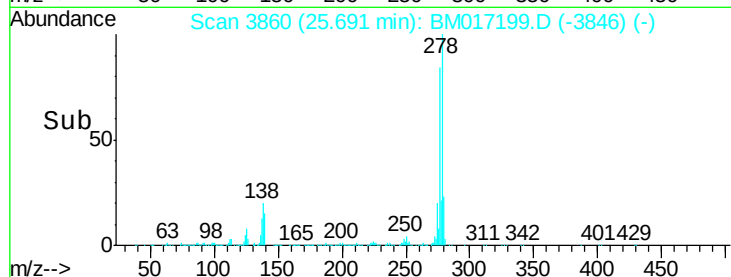
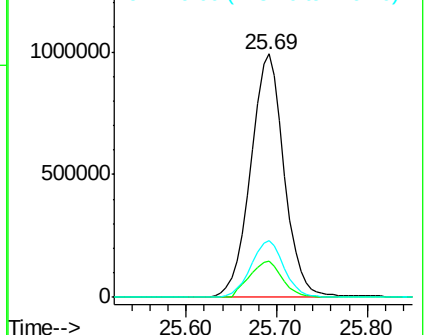
279 23.4 18.7 28.1



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: 49.222 ng

RT: 26.36 min Scan# 3973

Delta R.T. -0.02 min

Lab File: BM017199.D

Acq: 18 Oct 2018 18:57

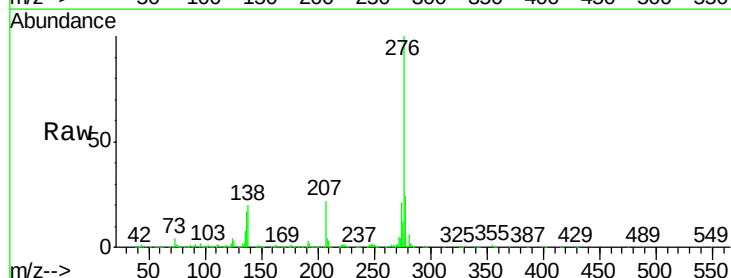
Tgt Ion:276 Resp: 2558560

Ion Ratio Lower Upper

276 100

277 23.8 18.6 28.0

138 20.0 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

