

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101918\
 Data File : BM017254.D
 Acq On : 20 Oct 2018 07:13
 Operator : MJ/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 22 02:36:33 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	7.66	152	311310	20.00	ng	-0.01
21) Naphthalene-d8	10.44	136	1461378	20.00	ng	-0.01
39) Acenaphthene-d10	14.30	164	879823	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1904945	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	1679042	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1511848	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.28	112	1454354	79.01	ng	-0.01
7) Phenol-d6	6.85	99	2069623	82.56	ng	-0.01
23) Nitrobenzene-d5	8.82	82	2117627	84.75	ng	-0.01
42) 2,4,6-Tribromophenol	15.80	330	991241	83.31	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	5222157	78.97	ng	-0.01
79) Terphenyl-d14	19.70	244	7003817	94.02	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.26	88	326275	34.714	ng	# 86
3) Pyridine	3.64	79	848934	39.255	ng	# 85
4) n-Nitrosodimethylamine	3.56	42	330492	38.068	ng	# 69
6) Aniline	7.00	93	1286886	41.042	ng	97
8) 2-Chlorophenol	7.23	128	889124	41.755	ng	97
9) Benzaldehyde	6.82	77	626516	39.197	ng	96
10) Phenol	6.87	94	1098324	40.710	ng	98
11) bis(2-Chloroethyl)ether	7.10	93	876610	40.759	ng	99
12) 1,3-Dichlorobenzene	7.55	146	982513	39.581	ng	98
13) 1,4-Dichlorobenzene	7.70	146	998564	39.374	ng	96
14) 1,2-Dichlorobenzene	8.01	146	977007	39.985	ng	99
15) Benzyl Alcohol	7.91	79	836857	45.671	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.19	45	1196420	39.818	ng	99
17) 2-Methylphenol	8.10	107	743876	42.956	ng	98
18) Hexachloroethane	8.73	117	359747	41.450	ng	98
19) n-Nitroso-di-n-propylamine	8.47	70	758213	45.934	ng	98
20) 3+4-Methylphenols	8.43	107	1039876	43.905	ng	98
22) Acetophenone	8.49	105	1450258	39.149	ng	# 99
24) Nitrobenzene	8.86	77	1075970	40.709	ng	94
25) Isophorone	9.39	82	1745876	42.313	ng	98
26) 2-Nitrophenol	9.56	139	536060	43.890	ng	99
27) 2,4-Dimethylphenol	9.63	122	762805	41.810	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	1178852	40.593	ng	99
29) 2,4-Dichlorophenol	10.09	162	904847	42.715	ng	99
30) 1,2,4-Trichlorobenzene	10.30	180	999044	39.314	ng	99
31) Naphthalene	10.49	128	2795847	39.039	ng	99
32) Benzoic acid	9.79	122	652980	47.967	ng	94
33) 4-Chloroaniline	10.60	127	1291368	41.751	ng	97
34) Hexachlorobutadiene	10.77	225	636229	39.514	ng	99
35) Caprolactam	11.41	113	316604	41.011	ng	95
36) 4-Chloro-3-methylphenol	11.74	107	1022451	42.820	ng	98
37) 2-Methylnaphthalene	12.11	142	2031736	41.458	ng	98
38) 1-Methylnaphthalene	12.33	142	1973450	41.374	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	1236007	39.891	ng	100

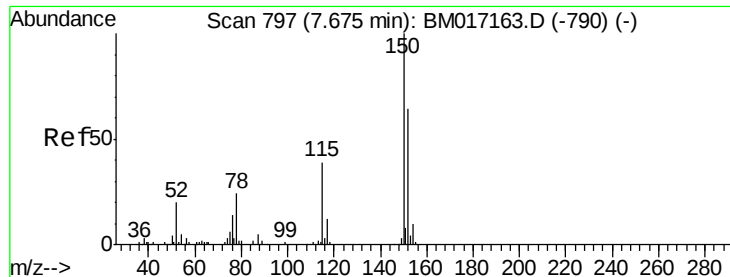
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101918\
 Data File : BM017254.D
 Acq On : 20 Oct 2018 07:13
 Operator : MJ/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 22 02:36:33 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)
41) Hexachlorocyclopentadiene	12.46	237	683304	45.618	ng	99
43) 2,4,6-Trichlorophenol	12.73	196	785808	43.689	ng	99
44) 2,4,5-Trichlorophenol	12.80	196	824528	42.749	ng	98
46) 1,1'-Biphenyl	13.13	154	3119589	39.401	ng	100
47) 2-Chloronaphthalene	13.17	162	2311997	39.693	ng	99
48) 2-Nitroaniline	13.39	65	682308	42.238	ng	99
49) Acenaphthylene	14.03	152	3447690	40.836	ng	100
50) Dimethylphthalate	13.77	163	2755446	40.594	ng	99
51) 2,6-Dinitrotoluene	13.89	165	620630	41.542	ng	97
52) Acenaphthene	14.37	154	2103153	39.674	ng	98
53) 3-Nitroaniline	14.23	138	658369	40.689	ng	98
54) 2,4-Dinitrophenol	14.43	184	331342	42.144	ng	96
55) Dibenzofuran	14.71	168	3397700	38.543	ng	99
56) 4-Nitrophenol	14.53	139	527372	38.370	ng	95
57) 2,4-Dinitrotoluene	14.69	165	846771	42.170	ng	99
58) Fluorene	15.36	166	2580607	39.550	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	755297	42.960	ng	99
60) Diethylphthalate	15.15	149	2819081	41.878	ng	100
61) 4-Chlorophenyl-phenylether	15.36	204	1482791	39.861	ng	96
62) 4-Nitroaniline	15.39	138	680529	38.709	ng	96
63) Azobenzene	15.65	77	2642413	40.385	ng	98
65) 4,6-Dinitro-2-methylphenol	15.45	198	536884	44.489	ng	98
66) n-Nitrosodiphenylamine	15.58	169	2485149	43.120	ng	99
67) 4-Bromophenyl-phenylether	16.26	248	924530	44.201	ng	96
68) Hexachlorobenzene	16.36	284	1014581	41.758	ng	99
69) Atrazine	16.54	200	884802	42.895	ng	98
70) Pentachlorophenol	16.71	266	712520	42.810	ng	99
71) Phenanthrene	17.10	178	4058616	39.489	ng	100
72) Anthracene	17.19	178	4031033	41.277	ng	100
73) Carbazole	17.47	167	3939454	39.490	ng	100
74) Di-n-butylphthalate	18.03	149	4518795	42.948	ng	100
75) Fluoranthene	19.12	202	4332834	37.464	ng	99
77) Benzidine	19.32	184	2152017	50.547	ng	99
78) Pyrene	19.49	202	4490126	47.848	ng	100
80) Butylbenzylphthalate	20.40	149	1751914	48.901	ng	97
81) Benzo(a)anthracene	21.23	228	3797980	40.196	ng	100
82) 3,3'-Dichlorobenzidine	21.17	252	1459849	41.455	ng	99
83) Chrysene	21.29	228	3676841	39.315	ng	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	2371063	43.906	ng	99
85) Di-n-octyl phthalate	22.05	149	3606365	40.011	ng	100
86) Indeno(1,2,3-cd)pyrene	25.67	276	3565947	34.090	ng	99
88) Benzo(b)fluoranthene	22.80	252	3252596	39.350	ng	100
89) Benzo(k)fluoranthene	22.84	252	3407251	41.080	ng	99
90) Benzo(a)pyrene	23.37	252	3108707	39.611	ng	99
91) Dibenzo(a,h)anthracene	25.69	278	3014170	38.678	ng	99
92) Benzo(g,h,i)perylene	26.35	276	2959447	38.316	ng	99

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

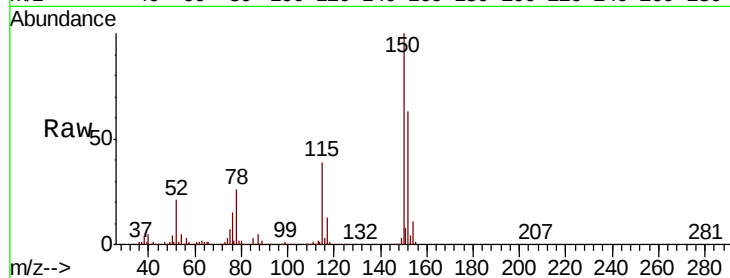


#1

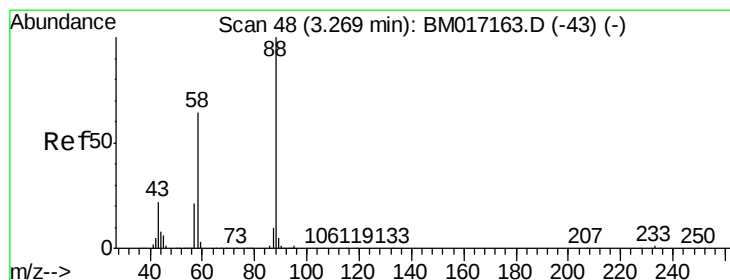
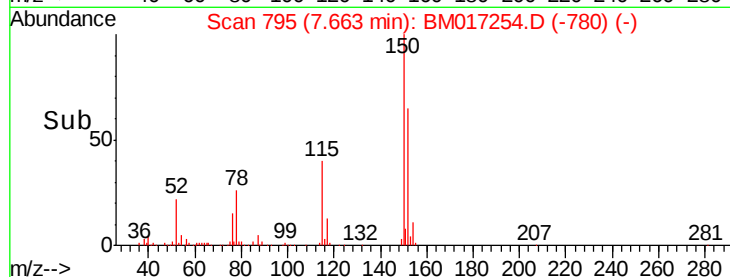
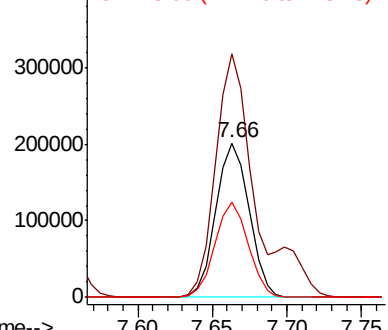
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 795
Delta R.T. -0.01 min
Lab File: BM017254.D
Acq: 20 Oct 2018 07:13

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 311310
Ion Ratio Lower Upper
152 100
150 157.6 124.3 186.5
115 61.3 48.1 72.1



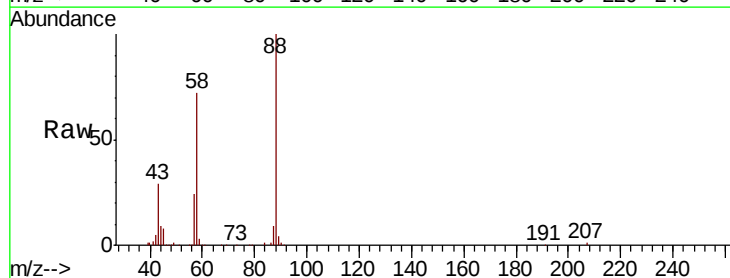
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



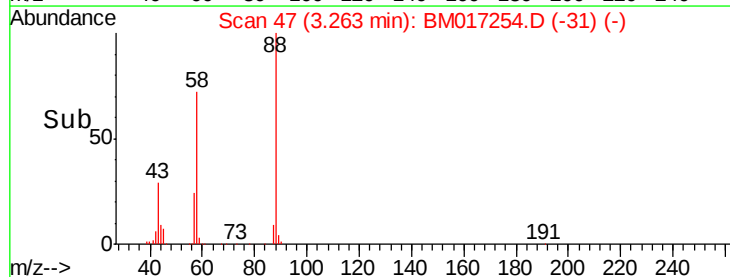
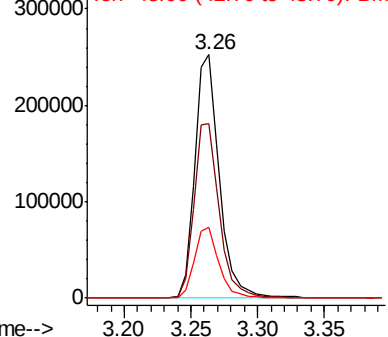
#2

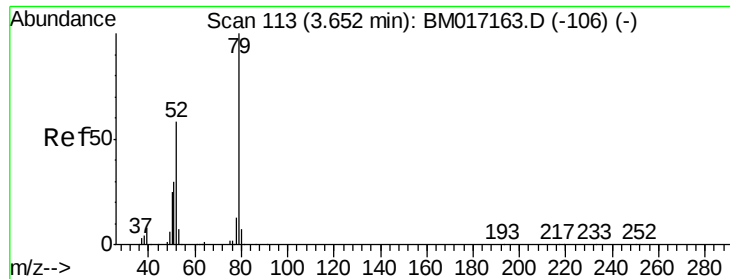
1,4-Dioxane
Concen: 34.714 ng
RT: 3.26 min Scan# 47
Delta R.T. -0.01 min
Lab File: BM017254.D
Acq: 20 Oct 2018 07:13

Tgt Ion: 88 Resp: 326275
Ion Ratio Lower Upper
88 100
58 74.0 50.2 75.4
43 29.9 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

Pvridine

Concen: 39.255 ng

RT: 3.64 min Scan# 111

Delta R.T. -0.01 min

Lab File: BM017254.D

Acq: 20 Oct 2018 07:13

Instrument :

BNA_M

ClientSampleId :

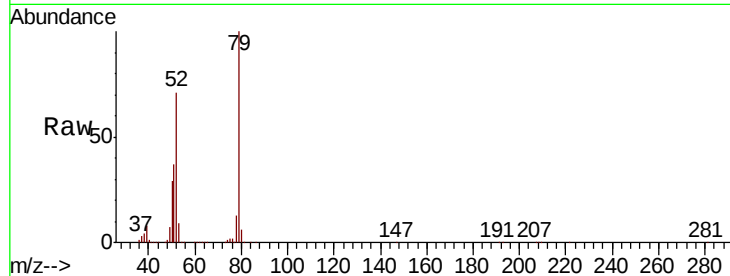
Tot Ion: 79 Resp: 848934

Ion Ratio Lower Upper

79 100

52 70.8 46.5 69.7#

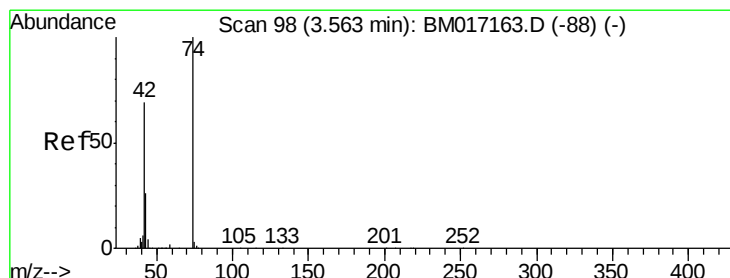
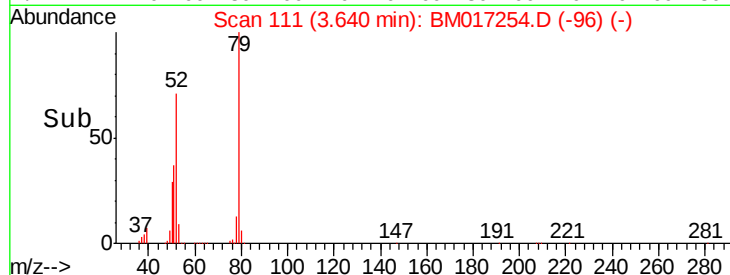
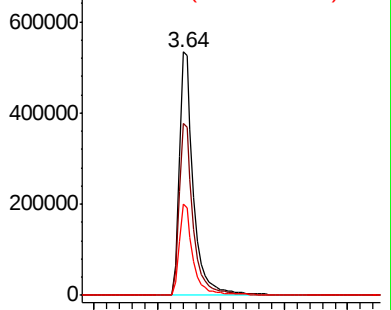
51 37.3 24.6 37.0#



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: 38.068 ng

RT: 3.56 min Scan# 97

Delta R.T. -0.01 min

Lab File: BM017254.D

Acq: 20 Oct 2018 07:13

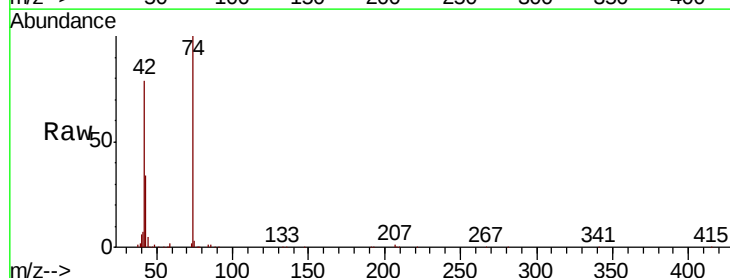
Tgt Ion: 42 Resp: 330492

Ion Ratio Lower Upper

42 100

74 126.2 114.4 171.6

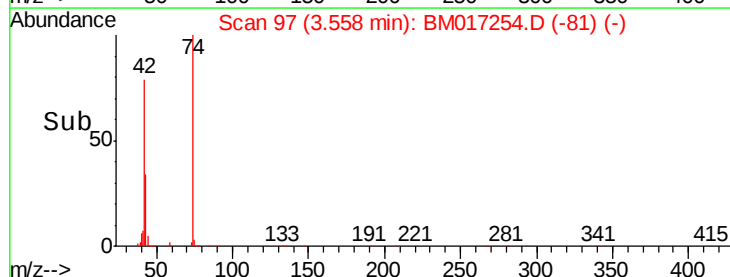
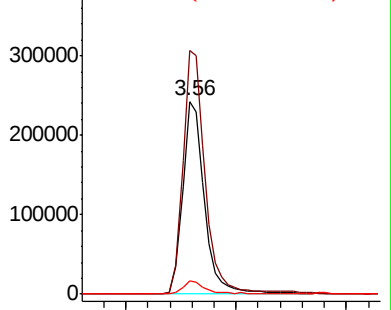
44 6.6 48.6 73.0#

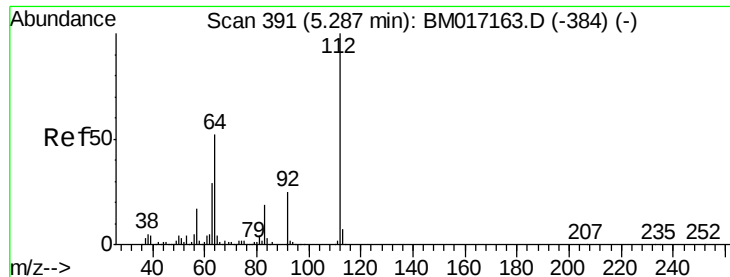


Abundance Ion 42.00 (41.70 to 42.70): BM017163.D (-88) (-)

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: 79.014 ng

RT: 5.28 min Scan# 389

Delta R.T. -0.01 min

Lab File: BM017254.D

Acq: 20 Oct 2018 07:13

Instrument :

BNA_M

ClientSampleId :

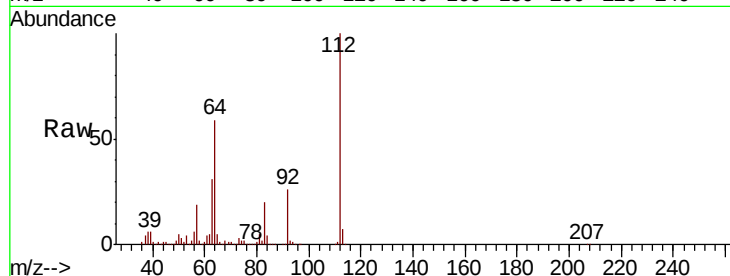
Tot Ion:112 Resp: 1454354

Ion Ratio Lower Upper

112 100

64 59.2 41.7 62.5

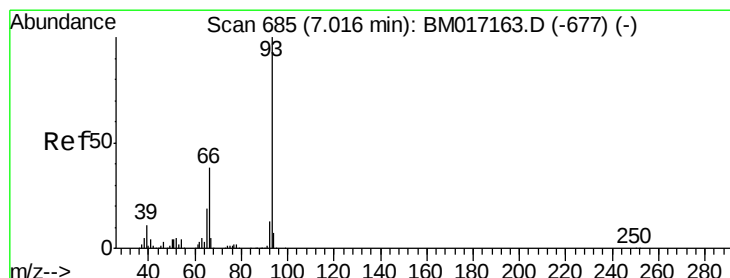
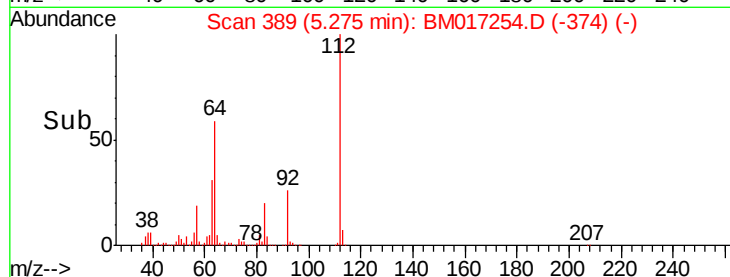
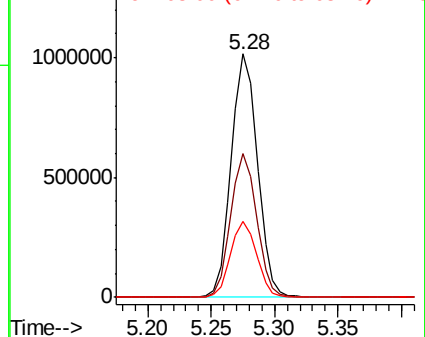
63 31.0 23.0 34.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 41.042 ng

RT: 7.00 min Scan# 683

Delta R.T. -0.01 min

Lab File: BM017254.D

Acq: 20 Oct 2018 07:13

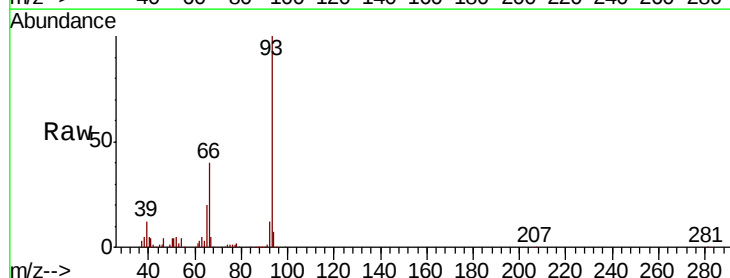
Tgt Ion: 93 Resp: 1286886

Ion Ratio Lower Upper

93 100

66 40.1 30.4 45.6

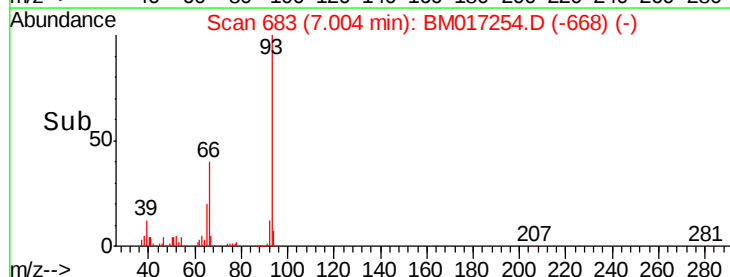
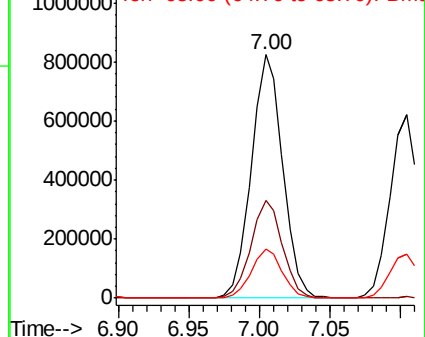
65 20.1 15.3 22.9

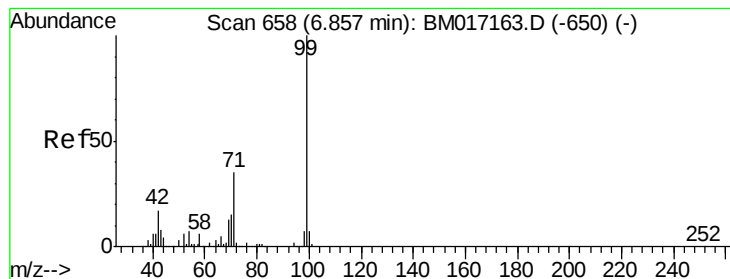


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 82.560 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM017254.D

Acq: 20 Oct 2018 07:13

Instrument :

BNA_M

ClientSampleId :

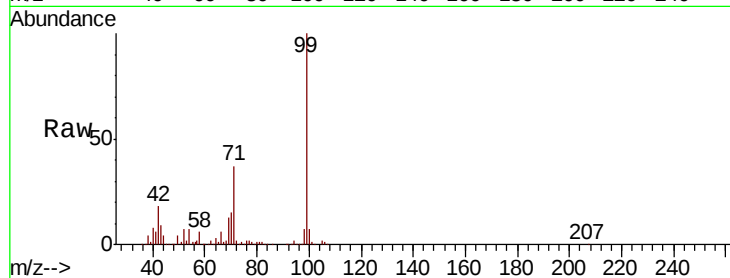
Tot Ion: 99 Resp: 2069623

Ion Ratio Lower Upper

99 100

42 17.9 13.3 19.9

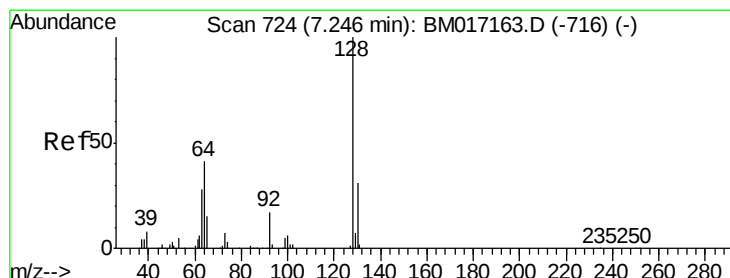
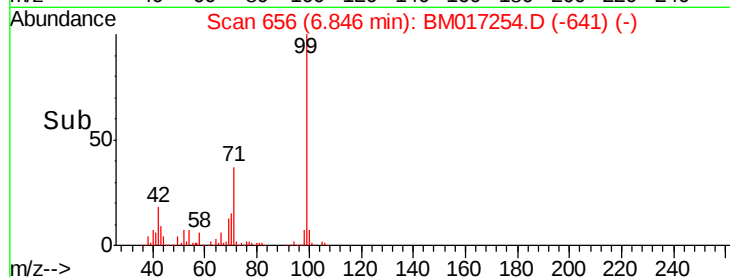
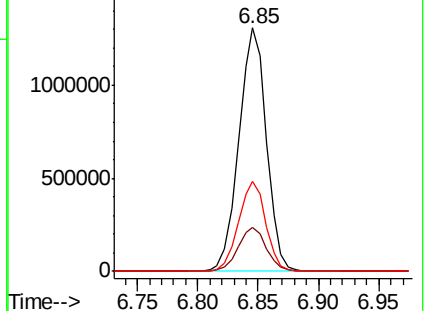
71 36.9 28.0 42.0



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

Ion 42.00 (41.70 to 42.70): BM017163.D (-650) (-)

Ion 71.00 (70.70 to 71.70): BM017163.D (-650) (-)



#8

2-Chlorophenol

Concen: 41.755 ng

RT: 7.23 min Scan# 722

Delta R.T. -0.01 min

Lab File: BM017254.D

Acq: 20 Oct 2018 07:13

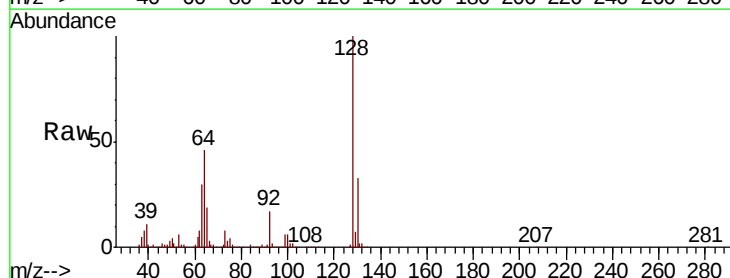
Tgt Ion: 128 Resp: 889124

Ion Ratio Lower Upper

128 100

130 33.0 11.0 51.0

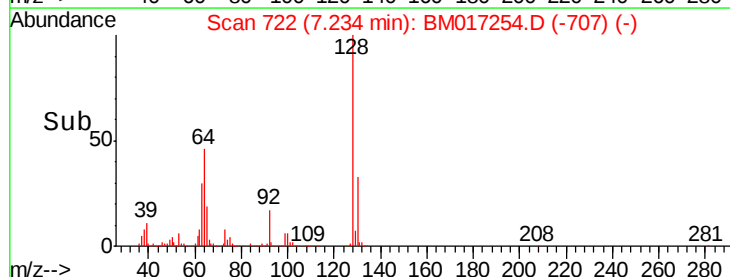
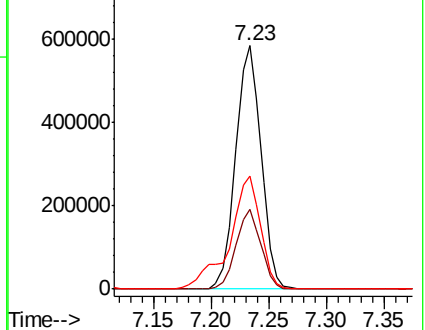
64 46.2 24.1 64.1

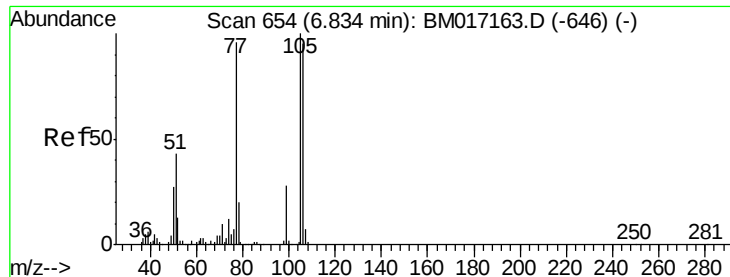


Abundance Ion 128.00 (127.70 to 128.70): BM017163.D (-716) (-)

Ion 130.00 (129.70 to 130.70): BM017163.D (-716) (-)

Ion 64.00 (63.70 to 64.70): BM017163.D (-716) (-)





#9

Benzaldehyde

Concen: 39.197 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM017254.D

Acq: 20 Oct 2018 07:13

Instrument :

BNA_M

ClientSampled :

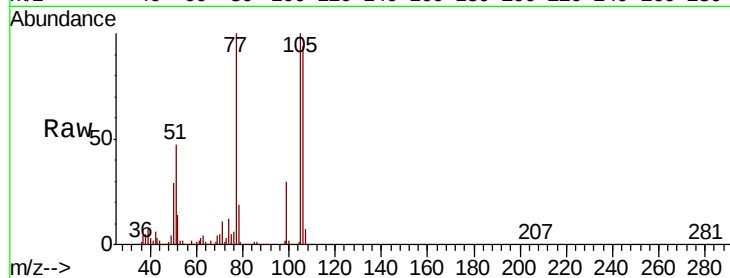
Tot Ion: 77 Resp: 626516

Ion Ratio Lower Upper

77 100

105 100.5 83.9 123.9

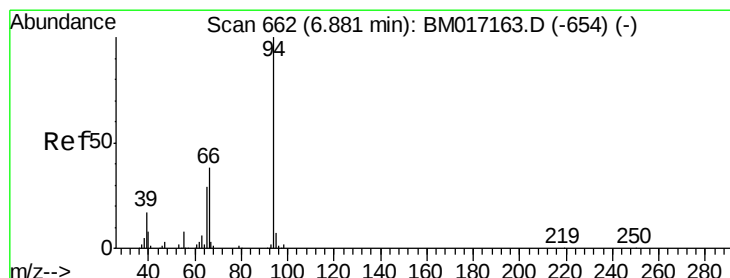
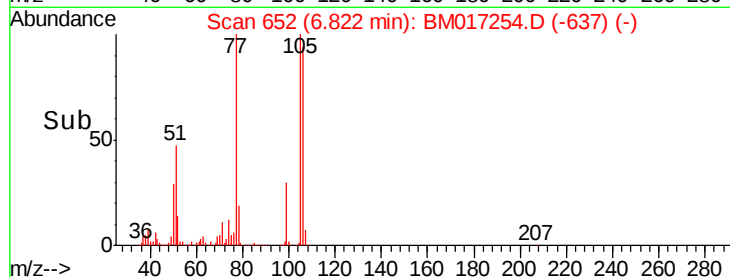
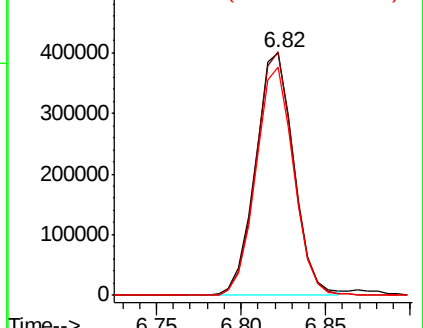
106 94.1 78.2 118.2



Abundance Ion 77.00 (76.70 to 77.70): BM017163.D (-646) (-)

Ion 105.00 (104.70 to 105.70): BM017163.D (-646) (-)

Ion 106.00 (105.70 to 106.70): BM017163.D (-646) (-)



#10

Phenol

Concen: 40.710 ng

RT: 6.87 min Scan# 661

Delta R.T. -0.01 min

Lab File: BM017254.D

Acq: 20 Oct 2018 07:13

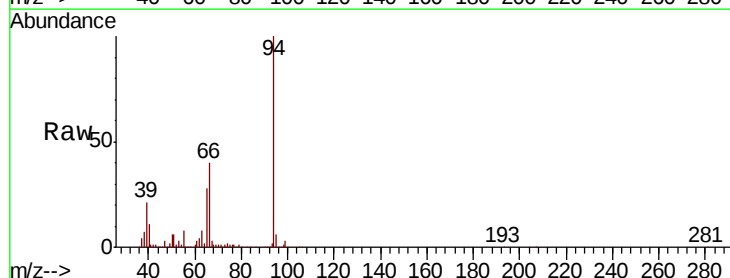
Tgt Ion: 94 Resp: 1098324

Ion Ratio Lower Upper

94 100

65 28.0 9.4 49.4

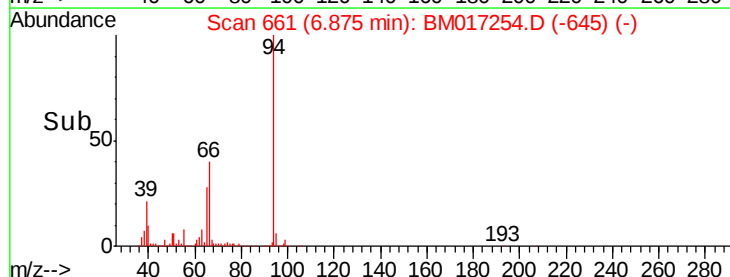
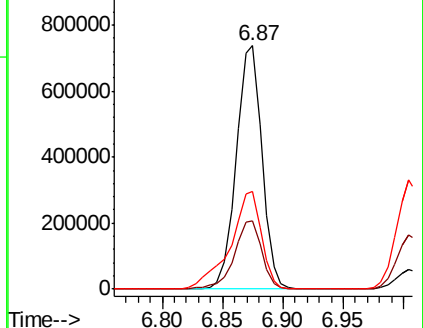
66 39.9 19.0 59.0

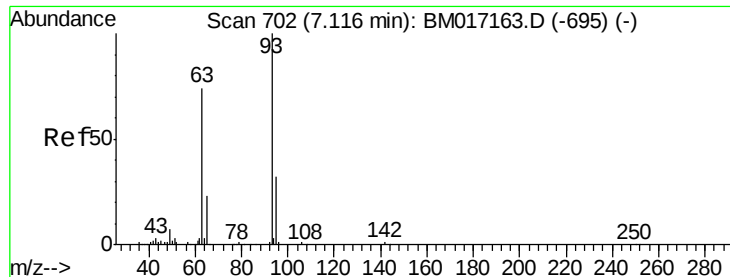


Abundance Ion 94.00 (93.70 to 94.70): BM017163.D (-654) (-)

Ion 65.00 (64.70 to 65.70): BM017163.D (-654) (-)

Ion 66.00 (65.70 to 66.70): BM017163.D (-654) (-)

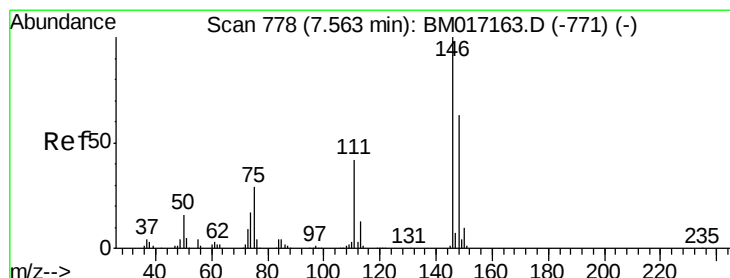
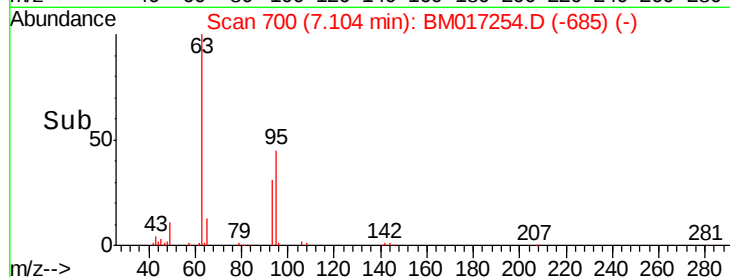
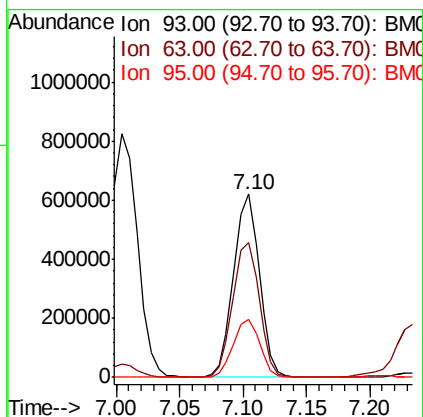
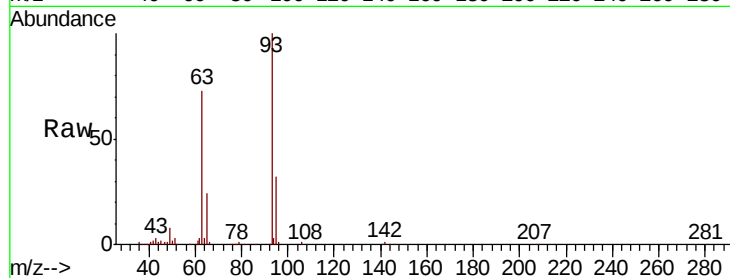




#11
bis(2-Chloroethyl)ether
Concen: 40.759 ng
RT: 7.10 min Scan# 700
Delta R.T. -0.01 min
Lab File: BM017254.D
Acq: 20 Oct 2018 07:13

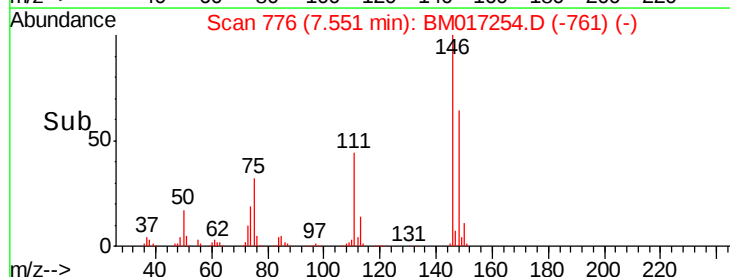
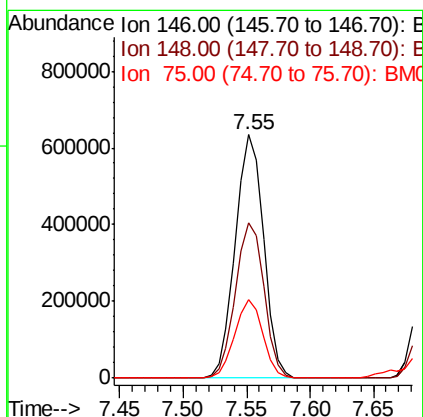
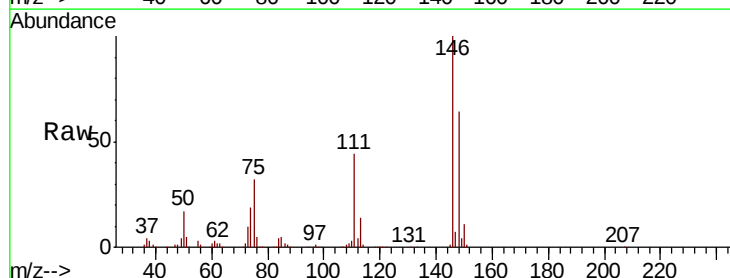
Instrument :
BNA_M
ClientSampled :

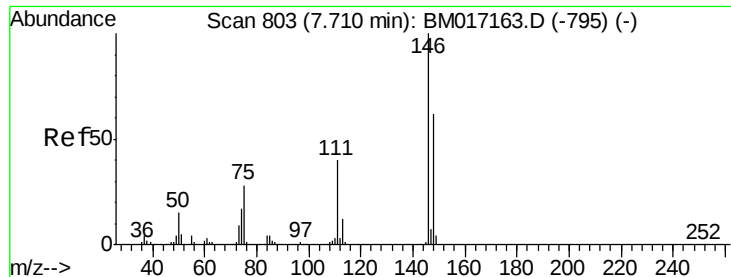
Tot Ion	Ratio	Lower	Upper
93	100		
63	73.4	54.0	94.0
95	31.7	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 39.581 ng
RT: 7.55 min Scan# 776
Delta R.T. -0.01 min
Lab File: BM017254.D
Acq: 20 Oct 2018 07:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.2	75.4
75	32.0	23.3	34.9





#13

1,4-Dichlorobenzene

Concen: 39.374 ng

RT: 7.70 min Scan# 801

Delta R.T. -0.01 min

Lab File: BM017254.D

Acq: 20 Oct 2018 07:13

Instrument :

BNA_M

ClientSampleId :

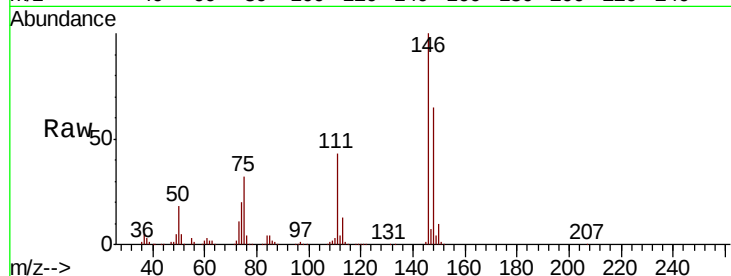
Tot Ion:146 Resp: 998564

Ion Ratio Lower Upper

146 100

148 65.2 49.8 74.6

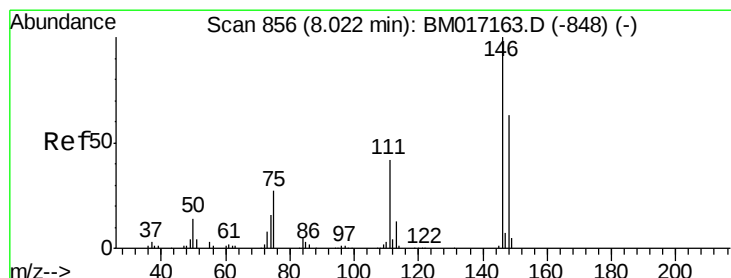
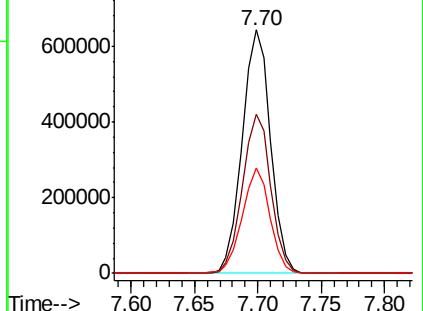
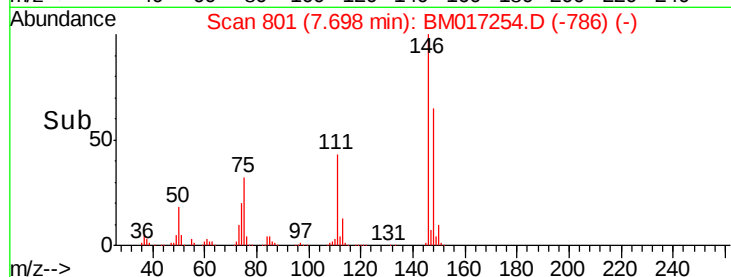
111 43.1 32.1 48.1



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: 39.985 ng

RT: 8.01 min Scan# 854

Delta R.T. -0.01 min

Lab File: BM017254.D

Acq: 20 Oct 2018 07:13

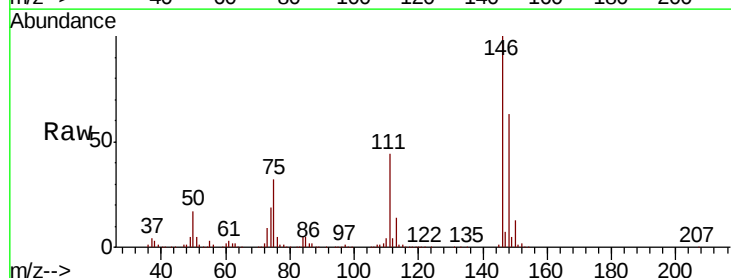
Tgt Ion:146 Resp: 977007

Ion Ratio Lower Upper

146 100

148 63.5 50.8 76.2

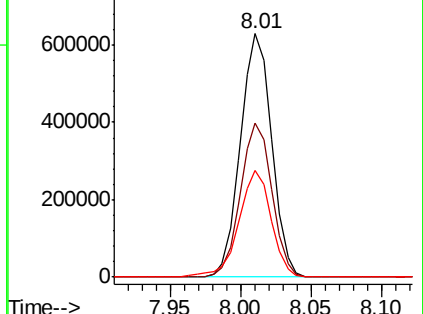
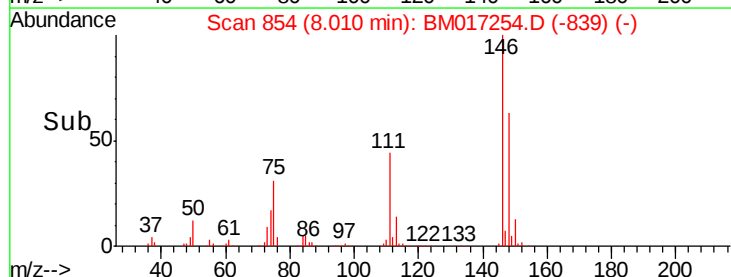
111 43.8 33.8 50.6



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: 45.671 ng

RT: 7.91 min Scan# 837

Delta R.T. -0.01 min

Lab File: BM017254.D

Acq: 20 Oct 2018 07:13

Instrument :

BNA_M

ClientSampled :

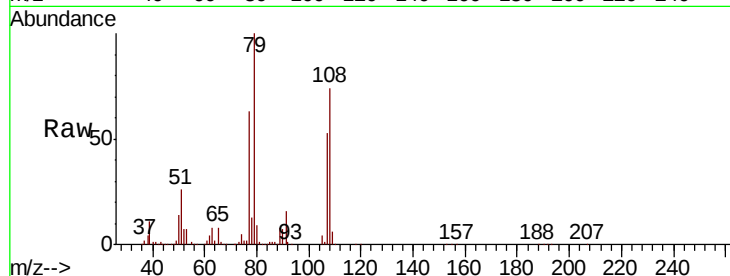
Tot Ion: 79 Resp: 836857

Ion Ratio Lower Upper

79 100

108 74.1 60.3 90.5

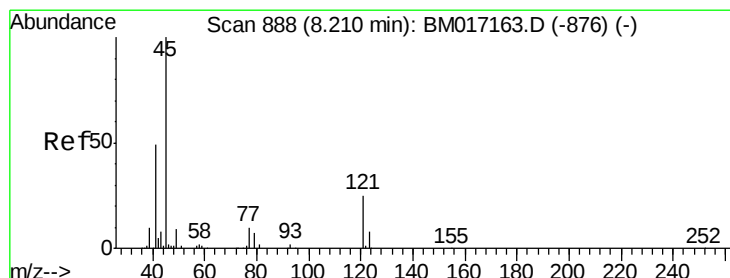
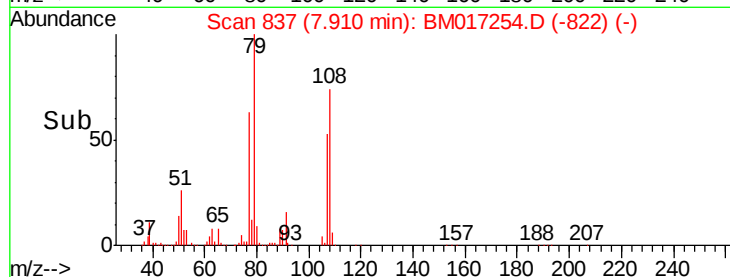
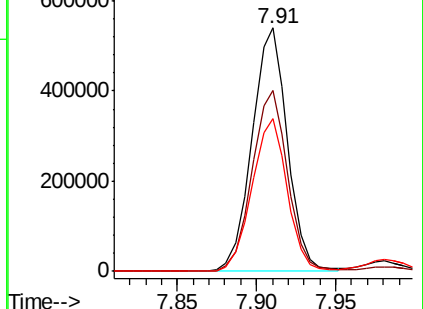
77 63.0 54.8 82.2



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: 39.818 ng

RT: 8.19 min Scan# 885

Delta R.T. -0.02 min

Lab File: BM017254.D

Acq: 20 Oct 2018 07:13

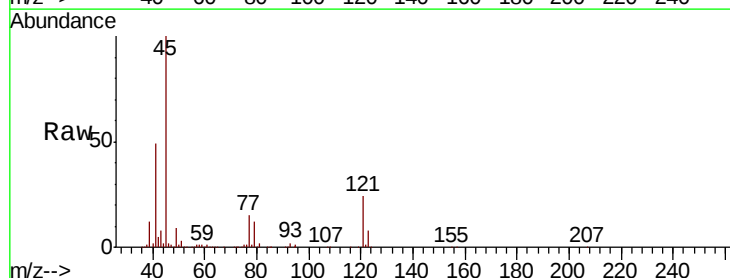
Tgt Ion: 45 Resp: 1196420

Ion Ratio Lower Upper

45 100

77 15.1 0.0 35.5

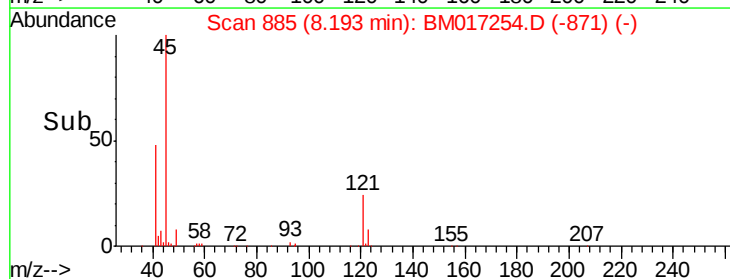
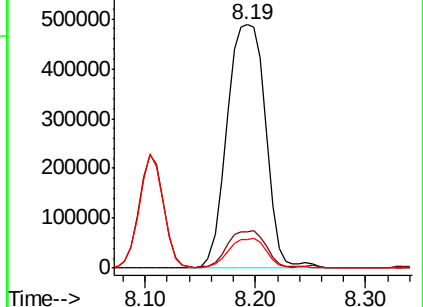
79 11.7 0.0 32.1



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) (-)

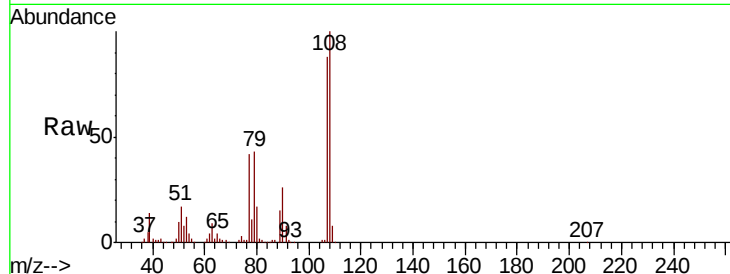




#17
2-Methylphenol
Concen: 42.956 ng
RT: 8.10 min Scan# 870
Delta R.T. -0.02 min
Lab File: BM017254.D
Acq: 20 Oct 2018 07:13

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	107	Resp:	743876
Ion	Ratio	Lower	Upper
107	100		
108	113.2	90.3	135.5
77	48.0	37.0	55.4
79	48.6	35.8	53.6



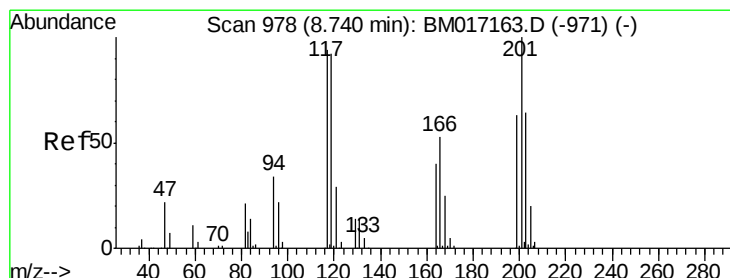
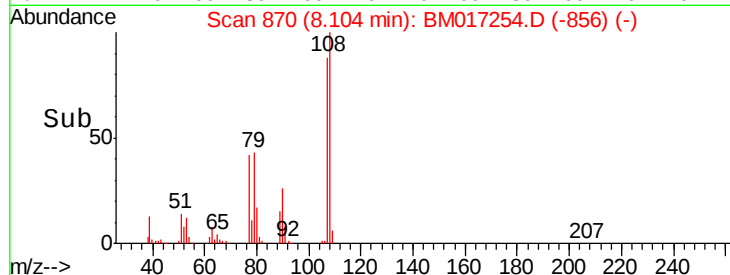
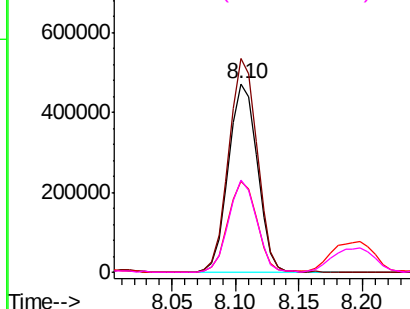
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

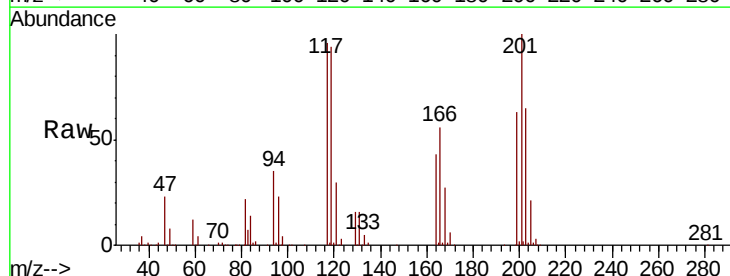
Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18
Hexachloroethane
Concen: 41.450 ng
RT: 8.73 min Scan# 976
Delta R.T. -0.01 min
Lab File: BM017254.D
Acq: 20 Oct 2018 07:13

Tgt Ion:	117	Resp:	359747
Ion	Ratio	Lower	Upper
117	100		
119	97.0	78.2	117.2
201	103.7	85.3	127.9

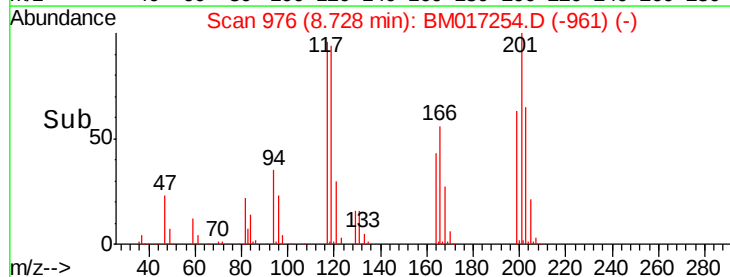
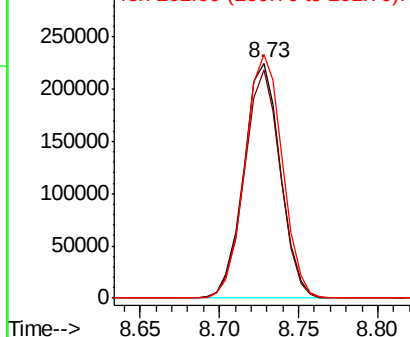


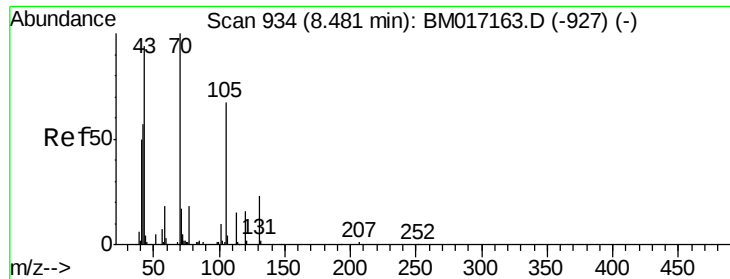
Abundance

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

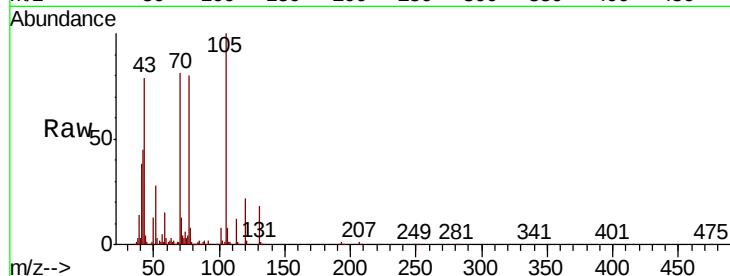




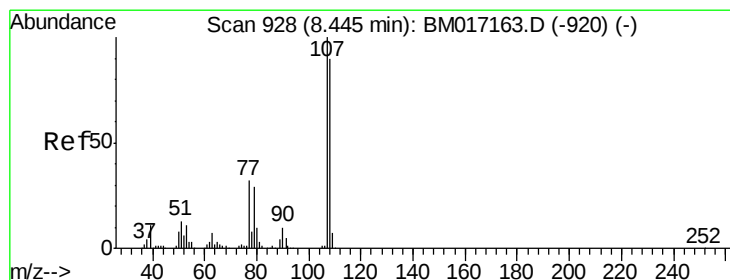
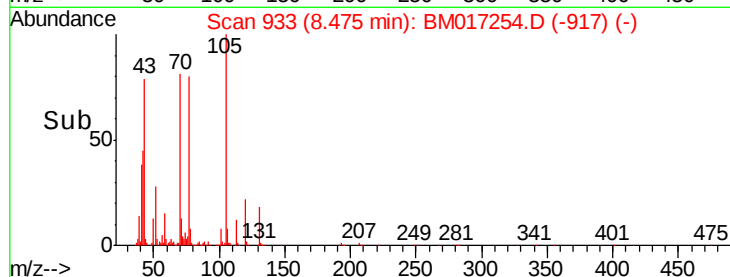
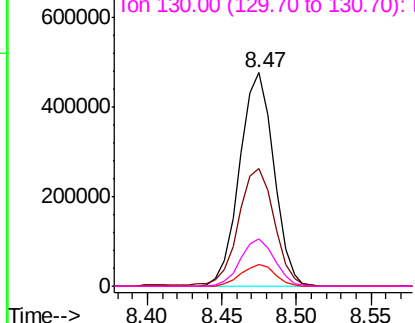
#19
n-Nitroso-di-n-propylamine
Concen: 45.934 ng
RT: 8.47 min Scan# 933
Delta R.T. -0.01 min
Lab File: BM017254.D
Acq: 20 Oct 2018 07:13

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	70	Resp:	758213
Ion	Ratio	Lower	Upper
70	100		
42	55.4	46.1	69.1
101	10.4	8.2	12.4
130	22.2	18.4	27.6

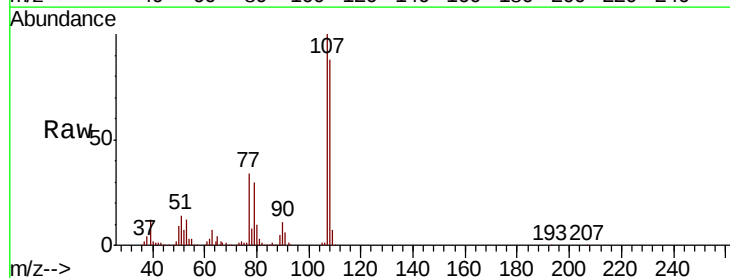


Abundance Ion 70.00 (69.70 to 70.70): BM017163.D (-927) (-)
Ion 42.00 (41.70 to 42.70): BM017163.D (-927) (-)
Ion 101.00 (100.70 to 101.70): BM017163.D (-927) (-)
Ion 130.00 (129.70 to 130.70): BM017163.D (-927) (-)

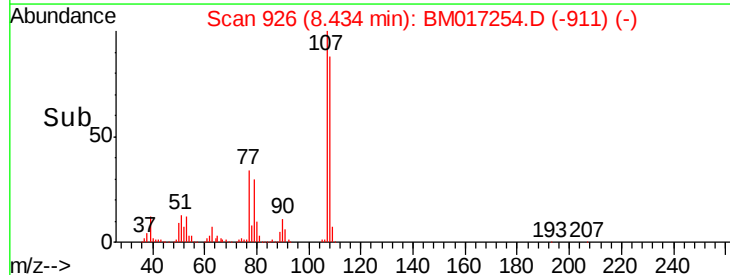
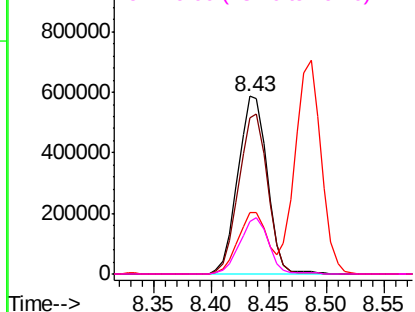


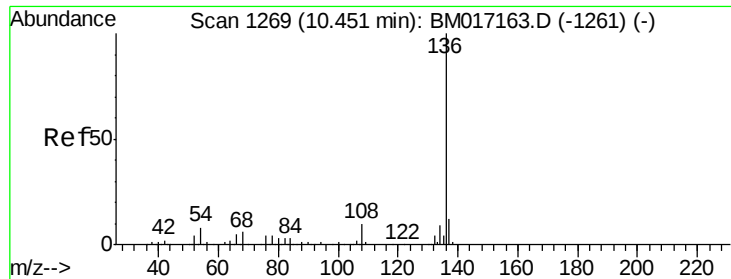
#20
3+4-Methylphenols
Concen: 43.905 ng
RT: 8.43 min Scan# 926
Delta R.T. -0.01 min
Lab File: BM017254.D
Acq: 20 Oct 2018 07:13

Tgt Ion:	107	Resp:	1039876
Ion	Ratio	Lower	Upper
107	100		
108	88.2	69.9	109.9
77	34.4	12.2	52.2
79	29.8	9.0	49.0



Abundance Ion 107.00 (106.70 to 107.70): BM017163.D (-920) (-)
Ion 108.00 (107.70 to 108.70): BM017163.D (-920) (-)
Ion 77.00 (76.70 to 77.70): BM017163.D (-920) (-)
Ion 79.00 (78.70 to 79.70): BM017163.D (-920) (-)

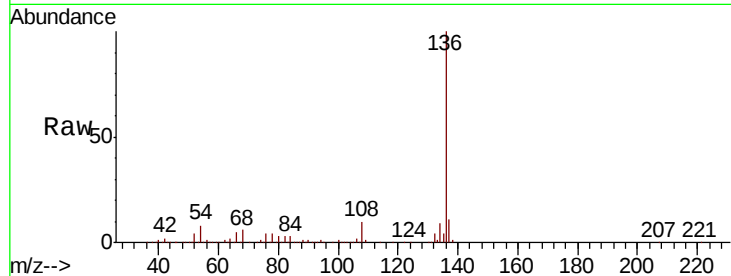




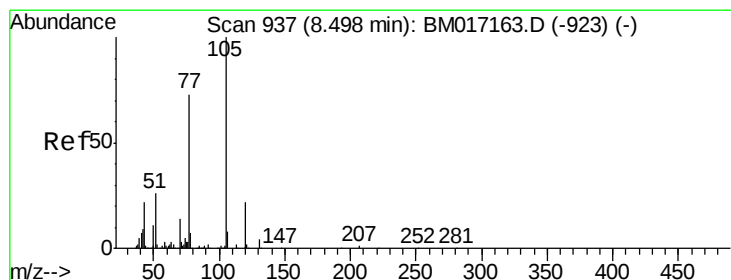
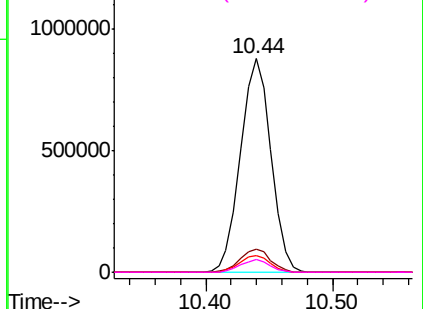
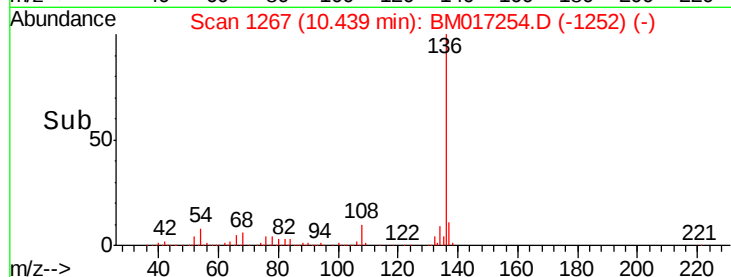
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM017254.D
Acq: 20 Oct 2018 07:13

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136 Resp: 1461378
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 7.8 6.7 10.1
68 5.8 4.7 7.1

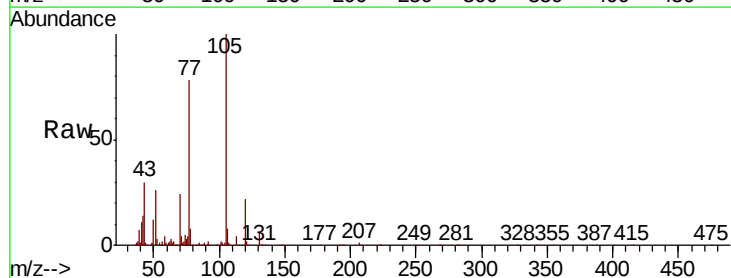


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

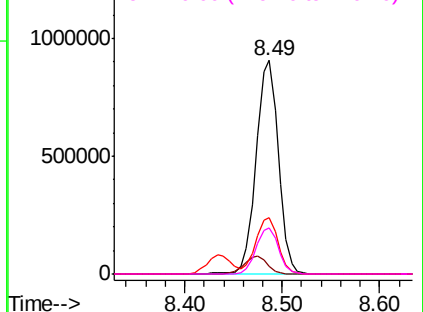
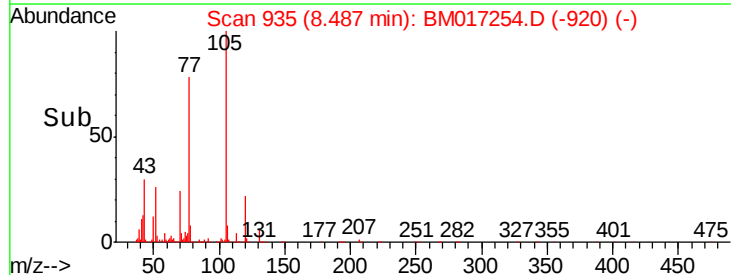


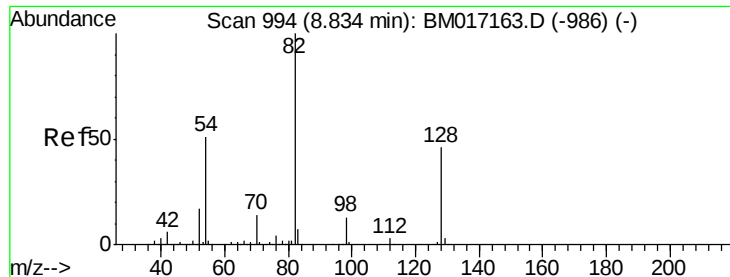
#22
Acetophenone
Concen: 39.149 ng
RT: 8.49 min Scan# 935
Delta R.T. -0.01 min
Lab File: BM017254.D
Acq: 20 Oct 2018 07:13

Tgt Ion:105 Resp: 1450258
Ion Ratio Lower Upper
105 100
71 3.8 2.0 3.0#
51 26.5 20.6 31.0
120 21.6 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



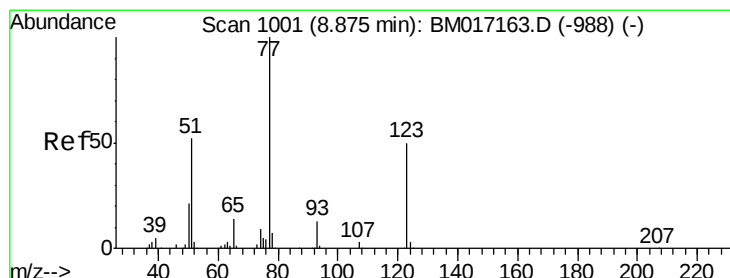
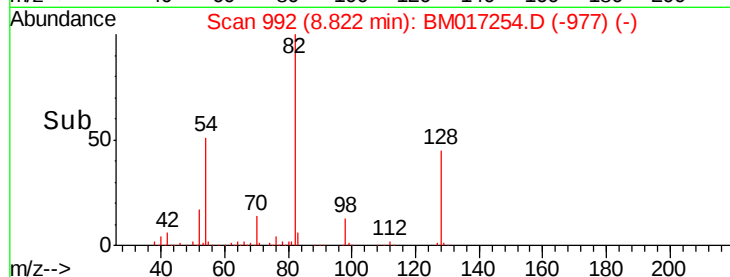
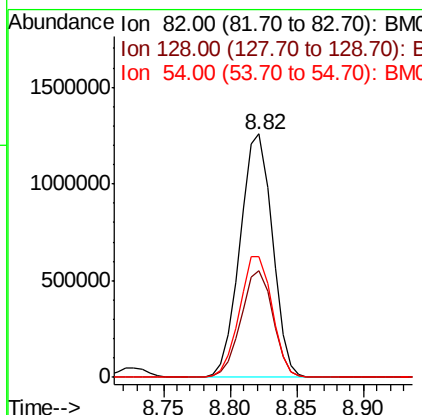
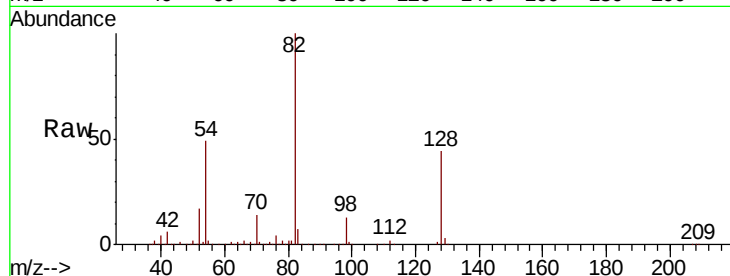


#23
 Nitrobenzene-d5
 Concen: 84.749 ng
 RT: 8.82 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BM017254.D
 Acq: 20 Oct 2018 07:13

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 82 Resp: 2117627

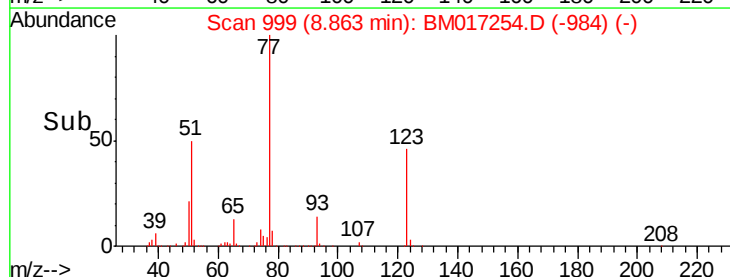
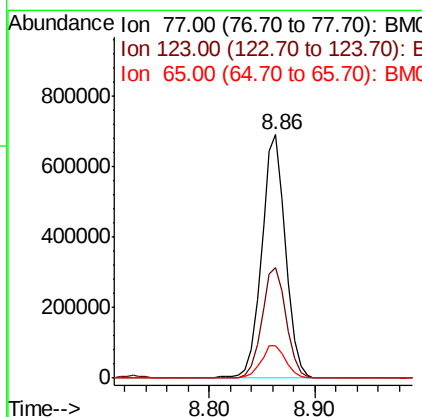
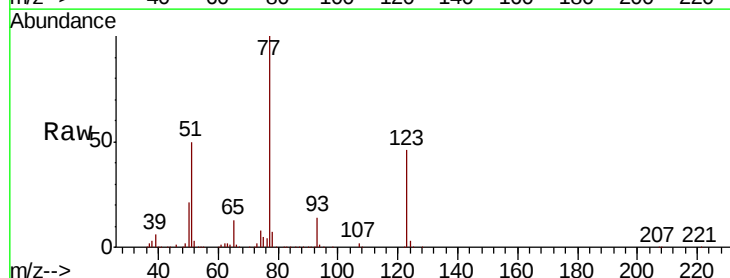
Ion	Ratio	Lower	Upper
82	100		
128	43.9	37.0	55.6
54	49.4	40.7	61.1

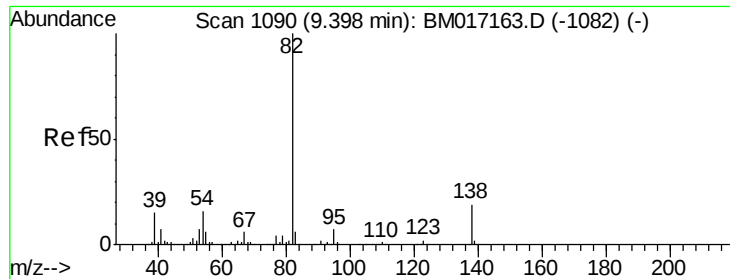


#24
 Nitrobenzene
 Concen: 40.709 ng
 RT: 8.86 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BM017254.D
 Acq: 20 Oct 2018 07:13

Tgt Ion: 77 Resp: 1075970

Ion	Ratio	Lower	Upper
77	100		
123	45.6	40.2	60.4
65	13.3	11.4	17.0

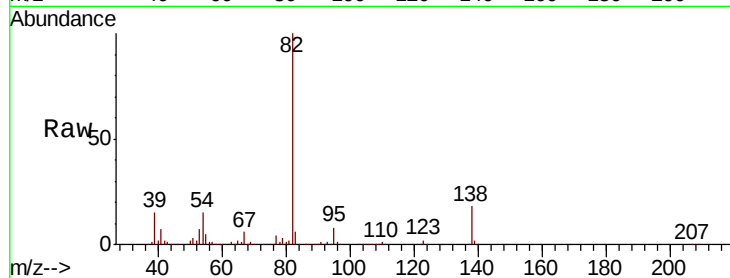




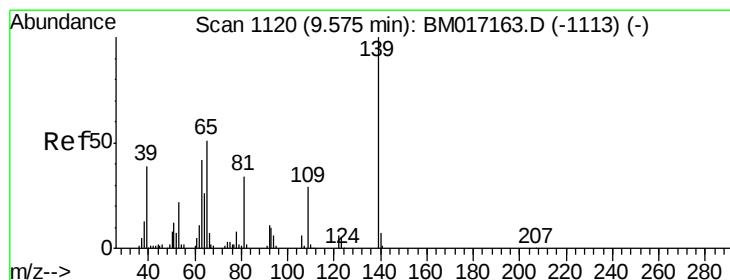
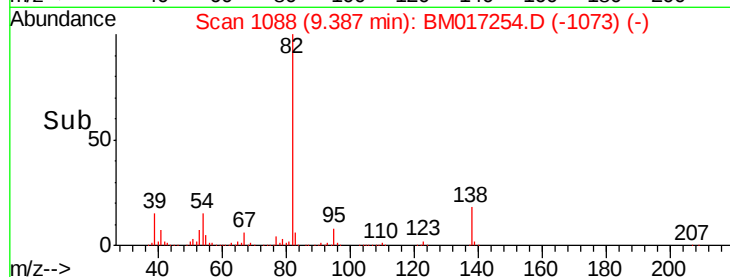
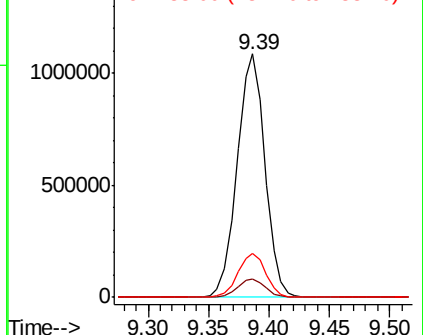
#25
Isophorone
Concen: 42.313 ng
RT: 9.39 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BM017254.D
Acq: 20 Oct 2018 07:13

Instrument :
BNA_M
ClientSampled :

Tot Ion: 82 Resp: 1745876
Ion Ratio Lower Upper
82 100
95 7.8 6.0 9.0
138 18.2 15.4 23.2

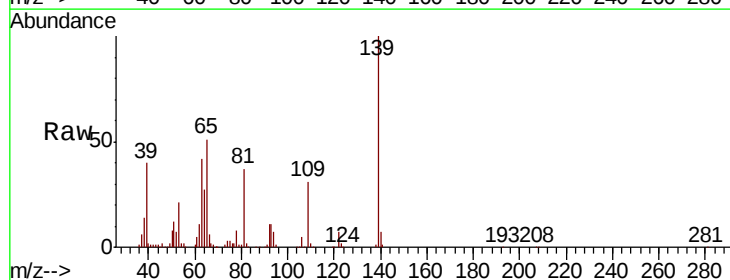


Abundance Ion 82.00 (81.70 to 82.70): BM017163.D (-1082) (-)
Ion 95.00 (94.70 to 95.70): BM017163.D (-1082) (-)
Ion 138.00 (137.70 to 138.70): BM017163.D (-1082) (-)

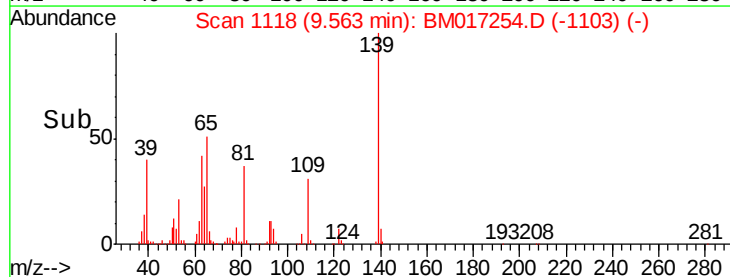
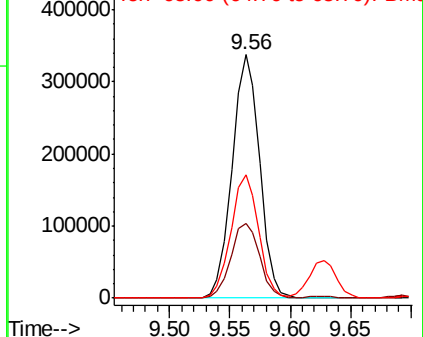


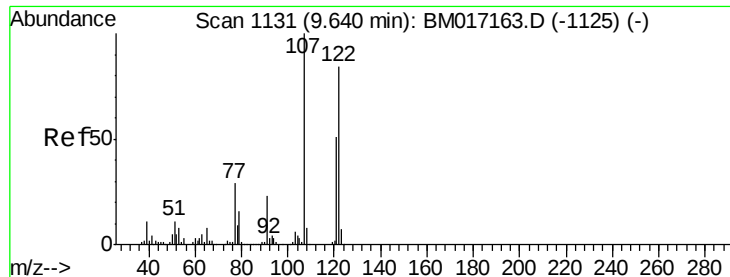
#26
2-Nitrophenol
Concen: 43.890 ng
RT: 9.56 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BM017254.D
Acq: 20 Oct 2018 07:13

Tgt Ion: 139 Resp: 536060
Ion Ratio Lower Upper
139 100
109 30.6 23.2 34.8
65 50.9 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) (-)

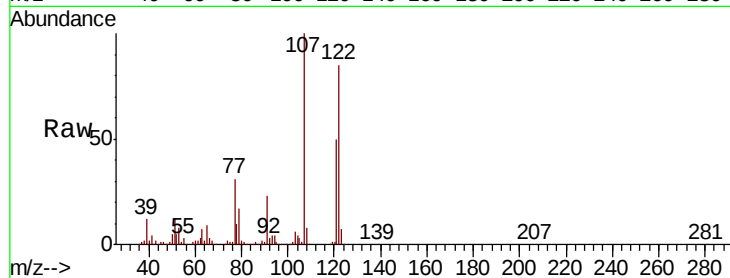




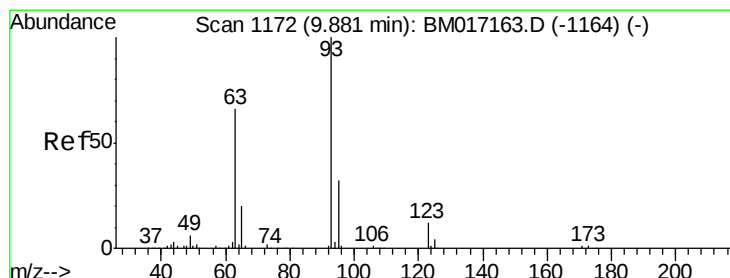
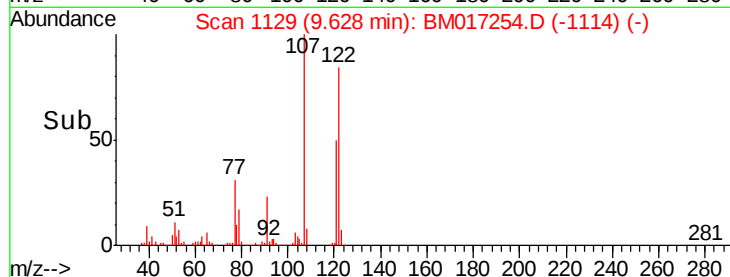
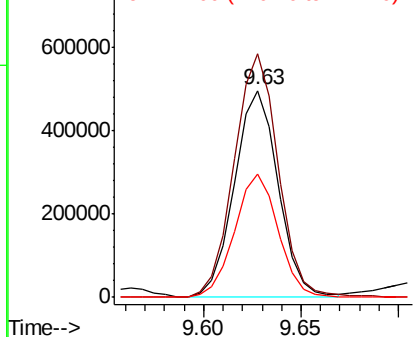
#27
 2,4-Dimethylphenol
 Concen: 41.810 ng
 RT: 9.63 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BM017254.D
 Acq: 20 Oct 2018 07:13

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.8	95.0	142.6
121	59.5	48.2	72.4

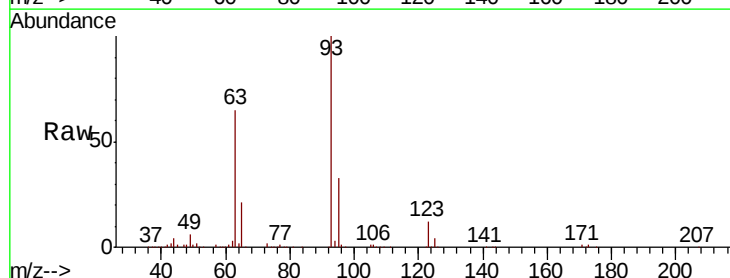


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

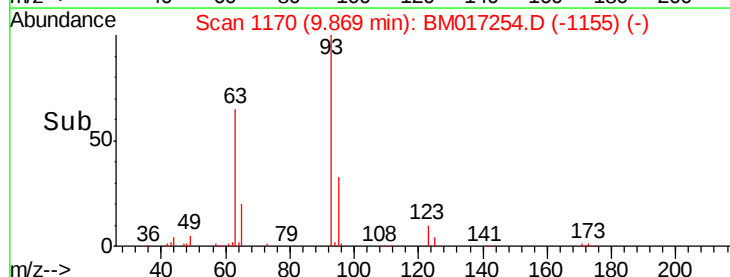
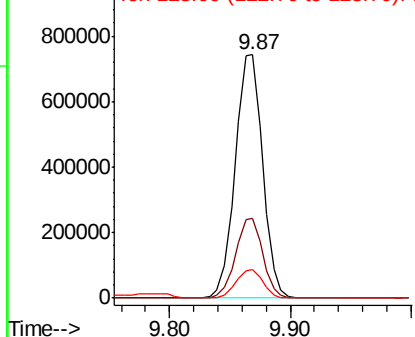


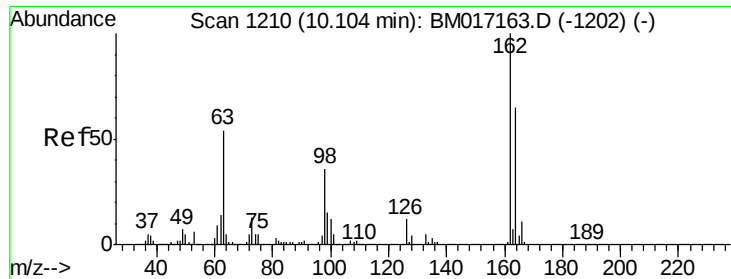
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.593 ng
 RT: 9.87 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BM017254.D
 Acq: 20 Oct 2018 07:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	25.7	38.5
123	11.7	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

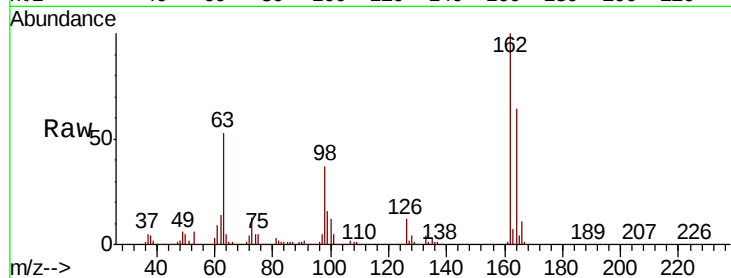




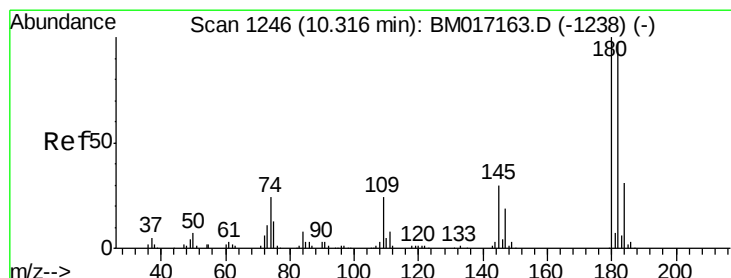
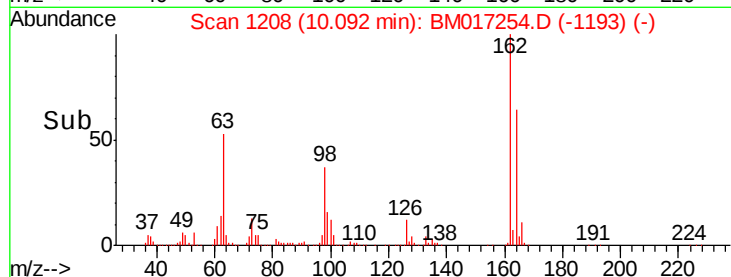
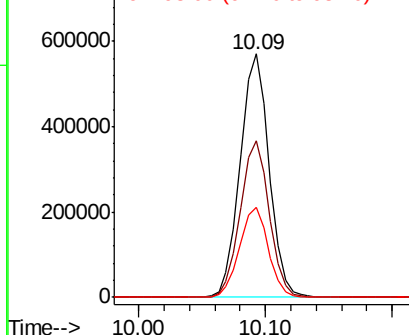
#29
2,4-Dichlorophenol
Concen: 42.715 ng
RT: 10.09 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BM017254.D
Acq: 20 Oct 2018 07:13

Instrument :
BNA_M
ClientSampleId :

Tot Ion:162 Resp: 904847
Ion Ratio Lower Upper
162 100
164 64.4 44.9 84.9
98 36.7 15.8 55.8

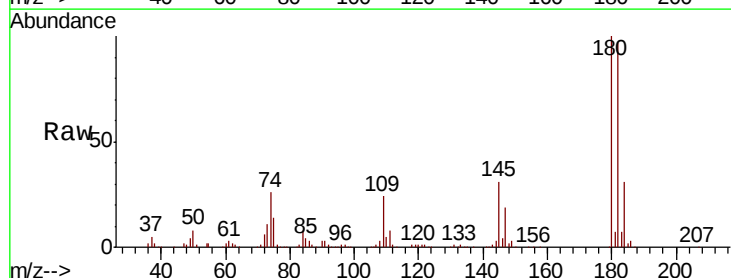


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

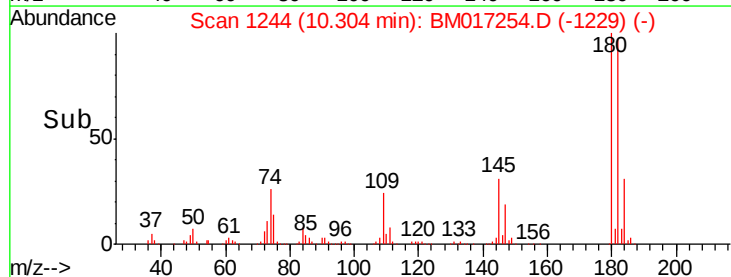
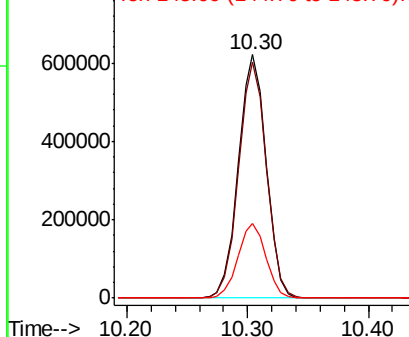


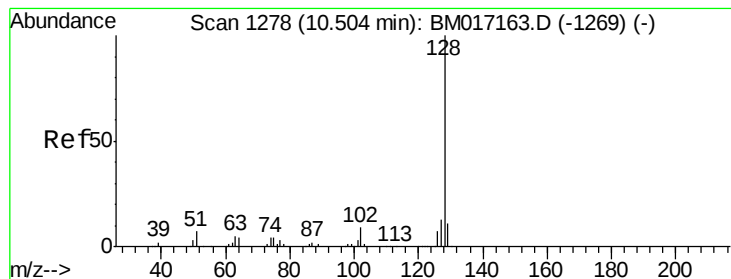
#30
1,2,4-Trichlorobenzene
Concen: 39.314 ng
RT: 10.30 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BM017254.D
Acq: 20 Oct 2018 07:13

Tgt Ion:180 Resp: 999044
Ion Ratio Lower Upper
180 100
182 97.1 77.5 116.3
145 30.9 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: 39.039 ng

RT: 10.49 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BM017254.D

Acq: 20 Oct 2018 07:13

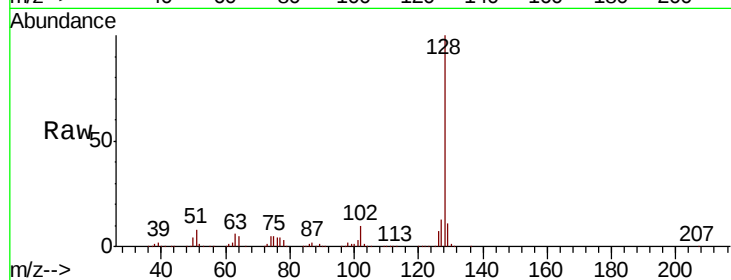
Instrument :

BNA_M

ClientSampleId :

Tot Ion:128 Resp: 2795847

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.5	12.7
127	13.3	10.3	15.5



Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

2000000

1500000

1000000

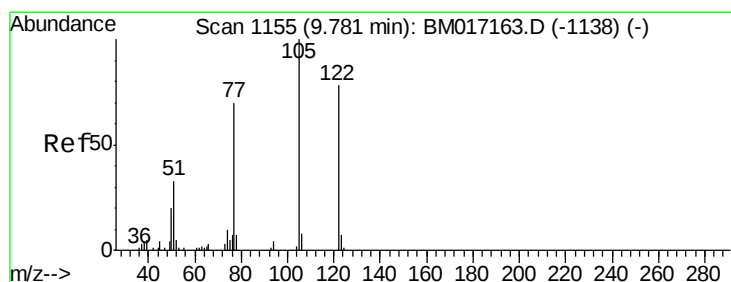
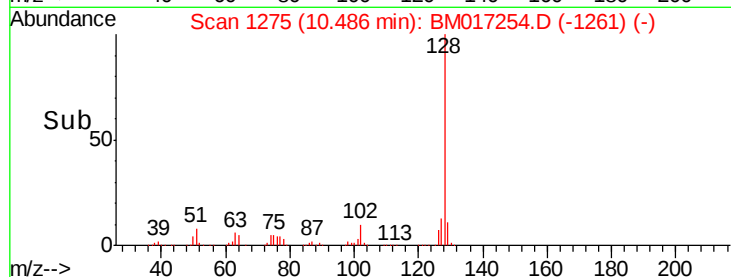
500000

0

10.40

10.50

Time-->



#32

Benzoic acid

Concen: 47.967 ng

RT: 9.79 min Scan# 1157

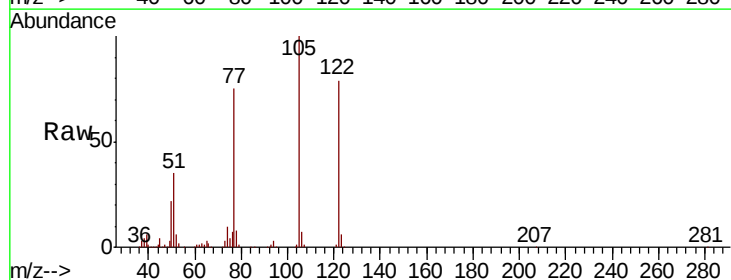
Delta R.T. 0.01 min

Lab File: BM017254.D

Acq: 20 Oct 2018 07:13

Tgt Ion:122 Resp: 652980

Ion	Ratio	Lower	Upper
122	100		
105	126.8	102.0	142.0
77	94.7	67.7	107.7



Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

600000

400000

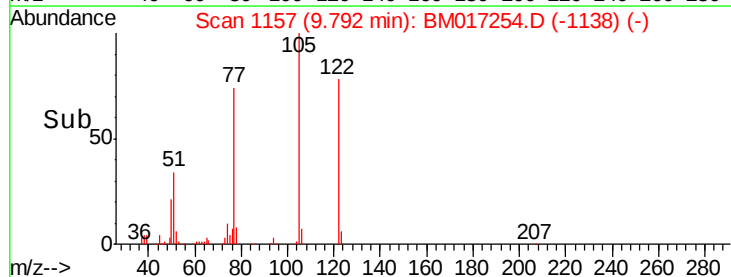
200000

0

9.70

9.80

Time-->

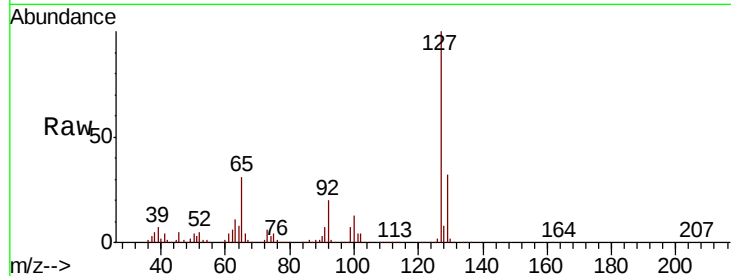




#33
4-Chloroaniline
Concen: 41.751 ng
RT: 10.60 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BM017254.D
Acq: 20 Oct 2018 07:13

Instrument :
BNA_M
ClientSampled :

Tot Ion:	127	Resp:	1291368
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.2	39.4
65	31.5	23.7	35.5
92	19.9	14.3	21.5



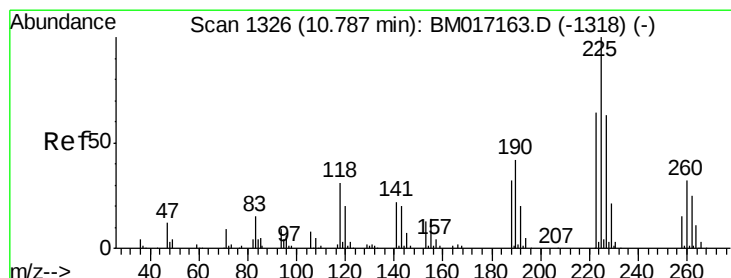
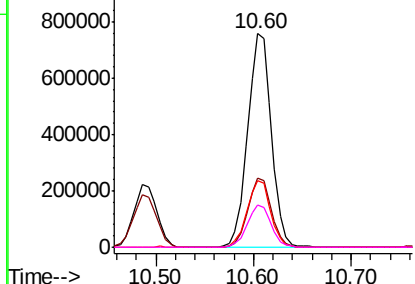
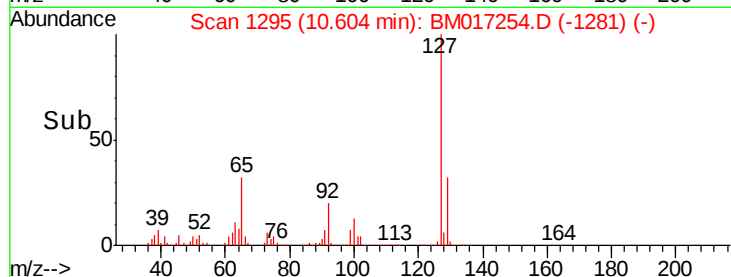
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

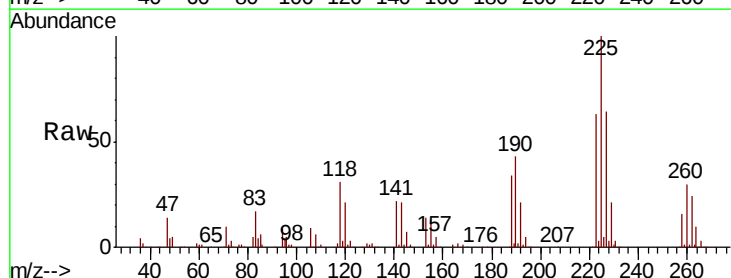
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 39.514 ng
RT: 10.77 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BM017254.D
Acq: 20 Oct 2018 07:13

Tgt Ion:	225	Resp:	636229
Ion	Ratio	Lower	Upper
225	100		
223	62.9	51.0	76.6
227	64.5	50.8	76.2

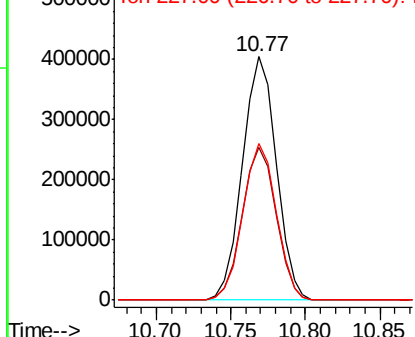
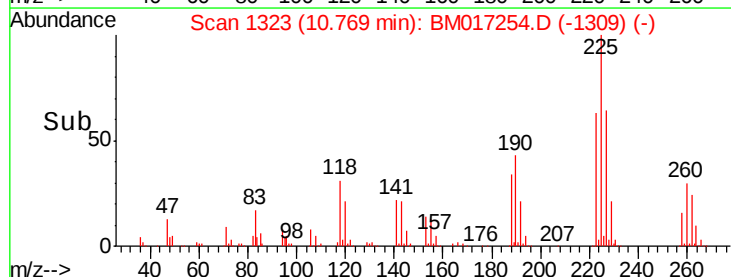


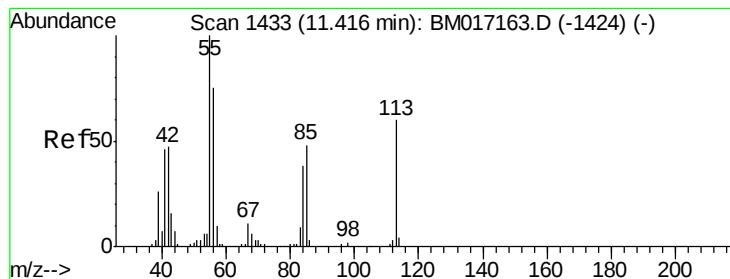
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 41.011 ng

RT: 11.41 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BM017254.D

Acq: 20 Oct 2018 07:13

Instrument :

BNA_M

ClientSampleId :

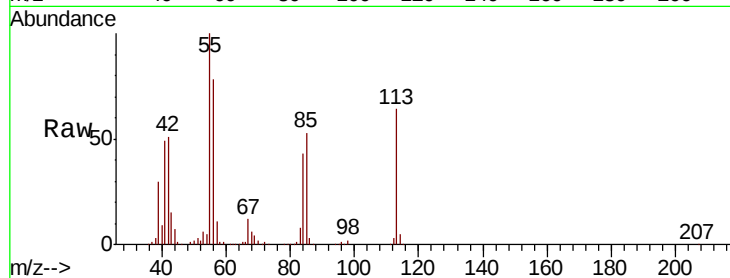
Tot Ion:113 Resp: 316604

Ion Ratio Lower Upper

113 100

55 157.2 147.0 187.0

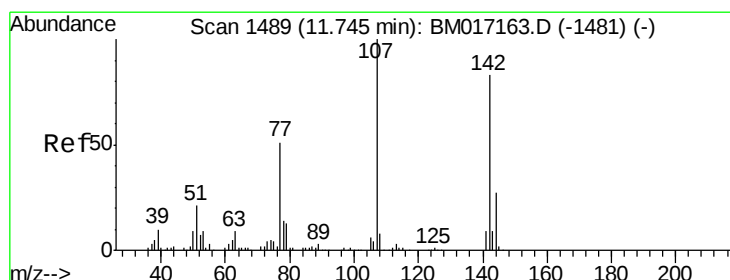
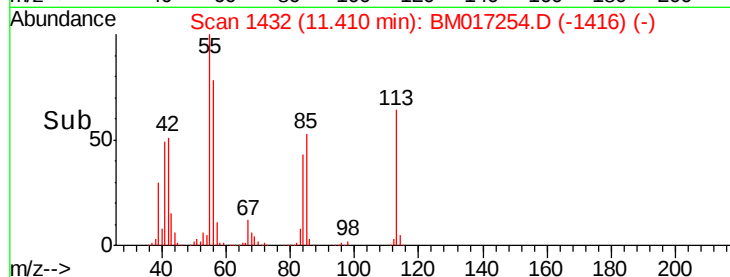
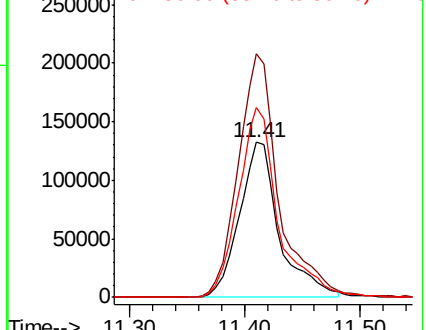
56 122.9 104.5 144.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 42.820 ng

RT: 11.74 min Scan# 1488

Delta R.T. -0.01 min

Lab File: BM017254.D

Acq: 20 Oct 2018 07:13

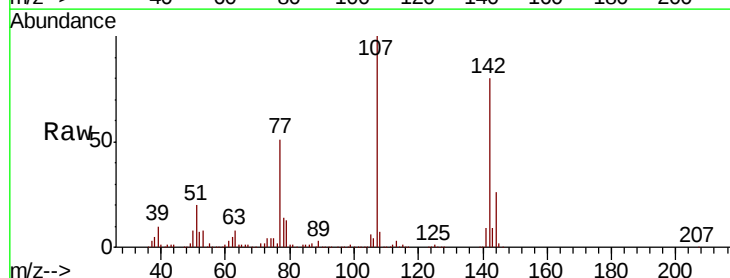
Tgt Ion:107 Resp: 1022451

Ion Ratio Lower Upper

107 100

144 25.7 21.6 32.4

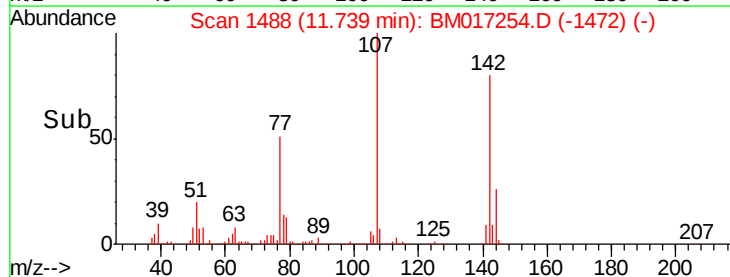
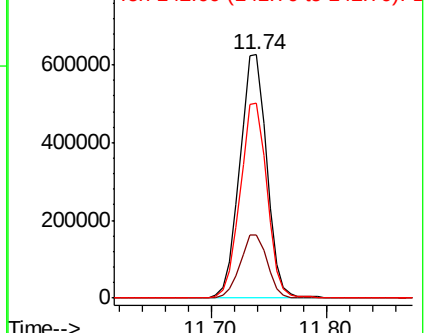
142 80.3 66.0 99.0

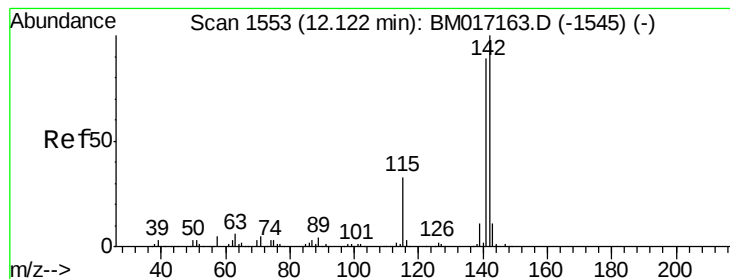


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.458 ng

RT: 12.11 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BM017254.D

Acq: 20 Oct 2018 07:13

Instrument :

BNA_M

ClientSampleId :

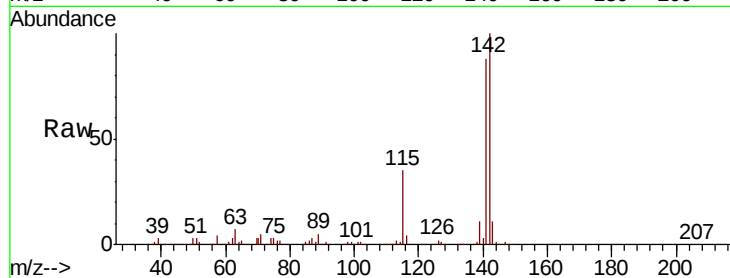
Tot Ion:142 Resp: 2031736

Ion Ratio Lower Upper

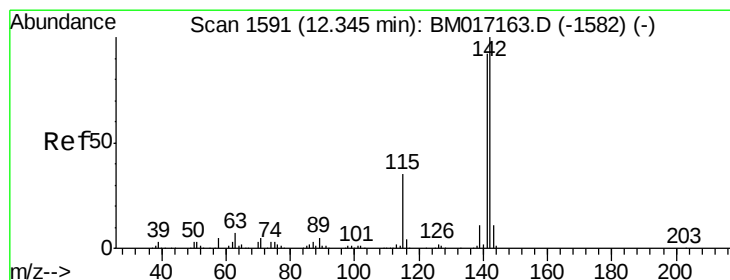
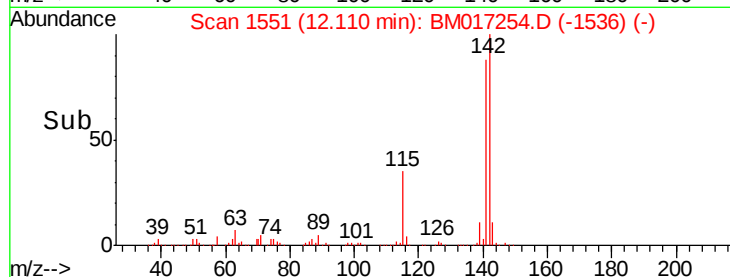
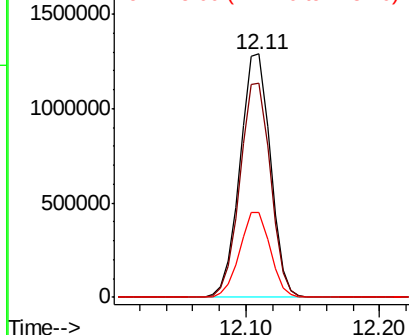
142 100

141 87.9 70.9 106.3

115 35.0 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: 41.374 ng

RT: 12.33 min Scan# 1588

Delta R.T. -0.02 min

Lab File: BM017254.D

Acq: 20 Oct 2018 07:13

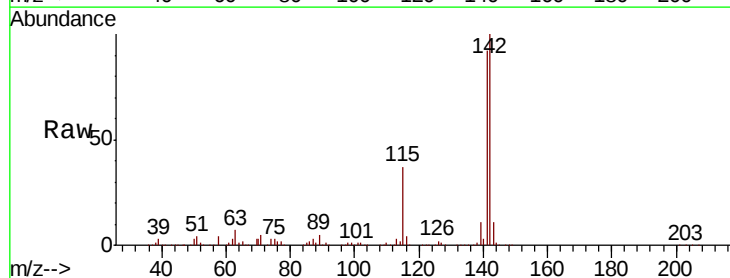
Tgt Ion:142 Resp: 1973450

Ion Ratio Lower Upper

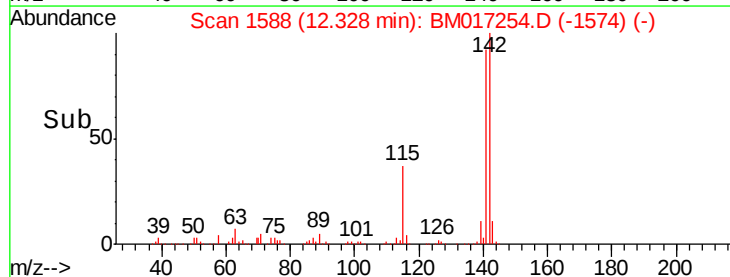
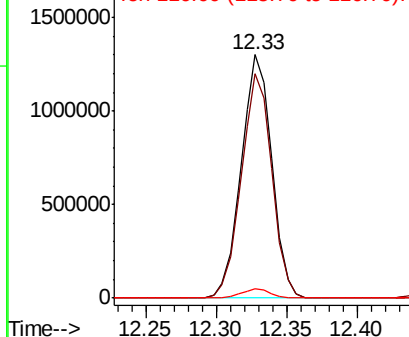
142 100

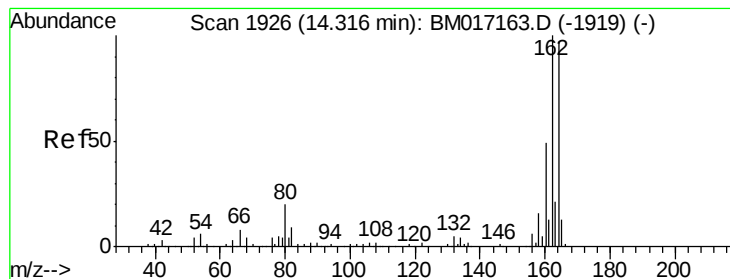
141 92.1 73.8 110.6

116 3.9 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: 14.30 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BM017254.D

Acq: 20 Oct 2018 07:13

Instrument :

BNA_M

ClientSampleId :

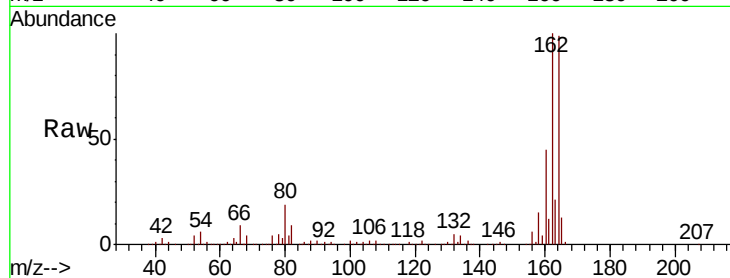
Tot Ion:164 Resp: 879823

Ion Ratio Lower Upper

164 100

162 101.0 82.1 123.1

160 45.6 40.2 60.2

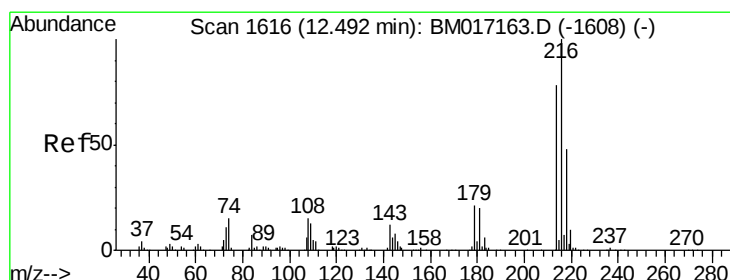
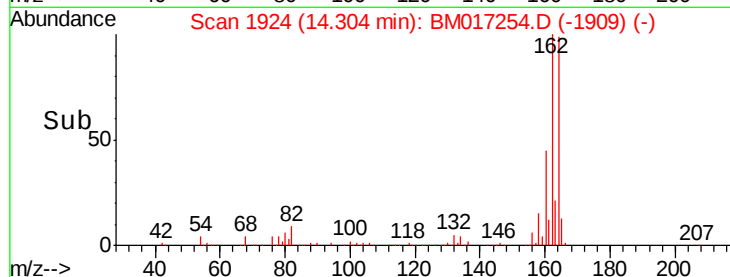
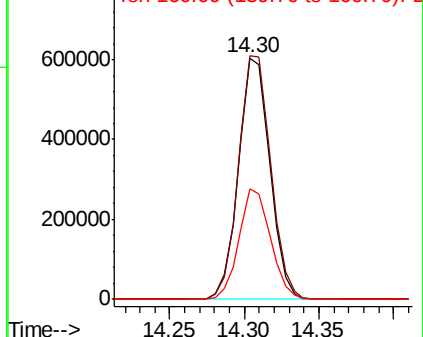


Abundance

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: 39.891 ng

RT: 12.48 min Scan# 1614

Delta R.T. -0.01 min

Lab File: BM017254.D

Acq: 20 Oct 2018 07:13

Tgt Ion:216 Resp: 1236007

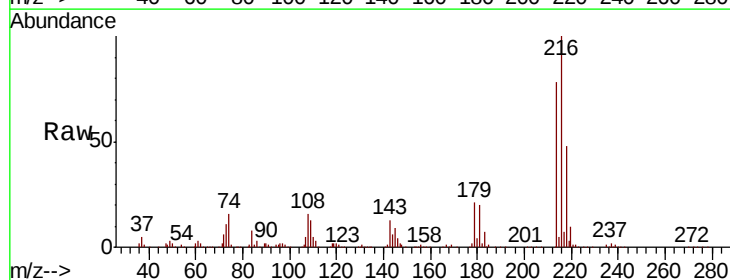
Ion Ratio Lower Upper

216 100

214 78.0 62.6 93.8

179 21.0 16.6 24.8

108 17.5 13.5 20.3



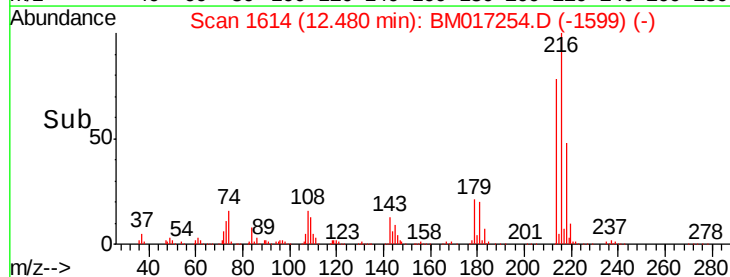
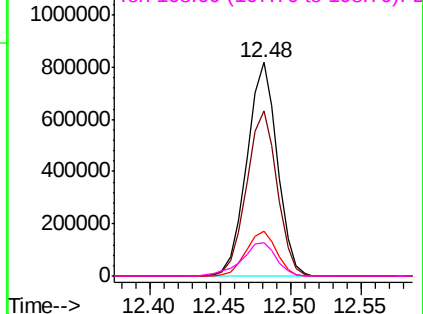
Abundance

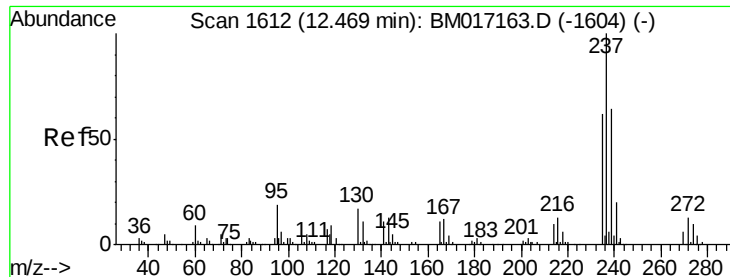
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 45.618 ng

RT: 12.46 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BM017254.D

Acq: 20 Oct 2018 07:13

Instrument :

BNA_M

ClientSampleId :

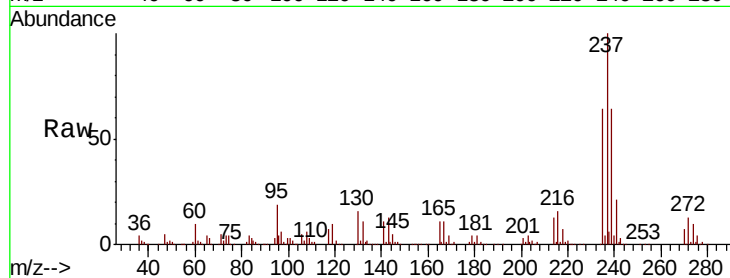
Tot Ion:237 Resp: 683304

Ion Ratio Lower Upper

237 100

235 63.7 42.4 82.4

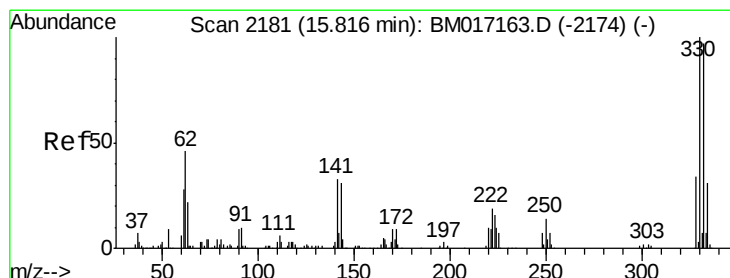
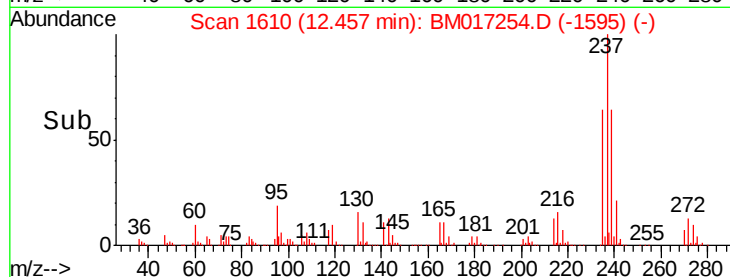
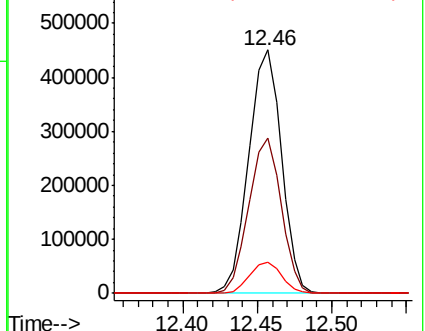
272 13.0 0.0 33.0



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: 83.309 ng

RT: 15.80 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BM017254.D

Acq: 20 Oct 2018 07:13

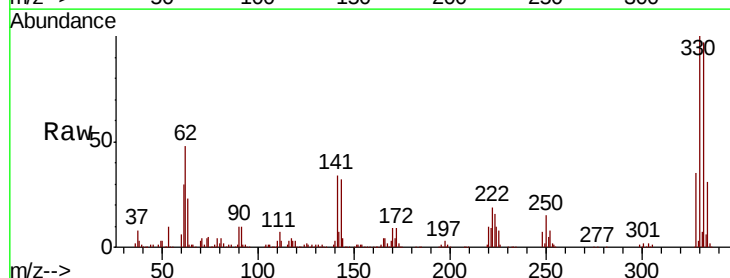
Tgt Ion:330 Resp: 991241

Ion Ratio Lower Upper

330 100

332 96.7 77.3 115.9

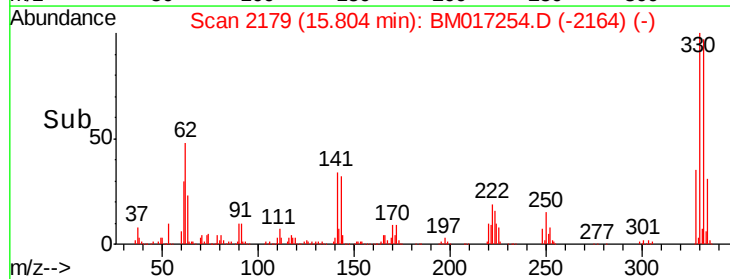
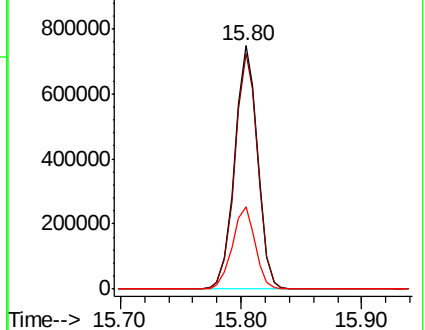
141 33.7 27.4 41.0

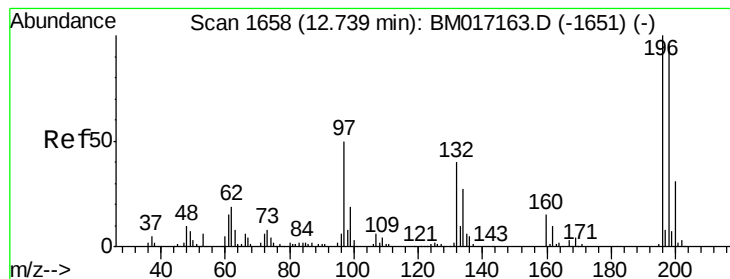


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 43.689 ng

RT: 12.73 min Scan# 1656

Delta R.T. -0.01 min

Lab File: BM017254.D

Acq: 20 Oct 2018 07:13

Instrument :

BNA_M

ClientSampleId :

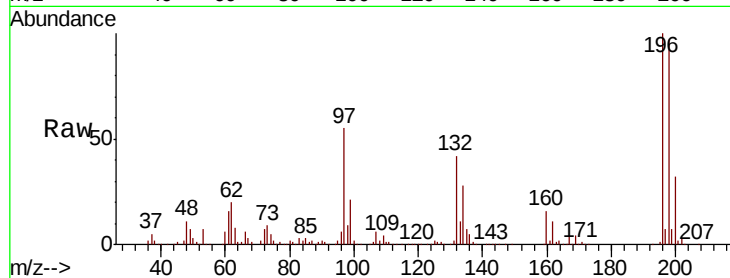
Tot Ion:196 Resp: 785808

Ion Ratio Lower Upper

196 100

198 97.4 77.1 115.7

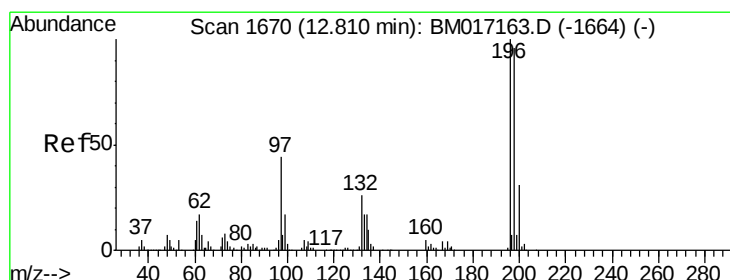
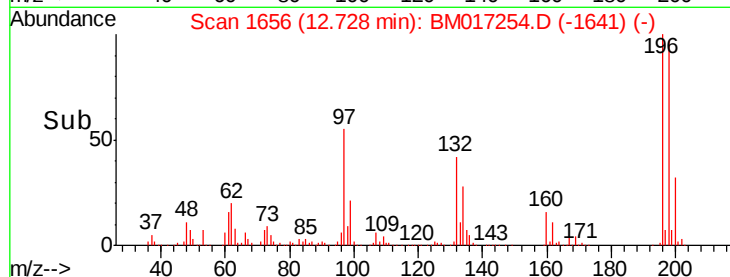
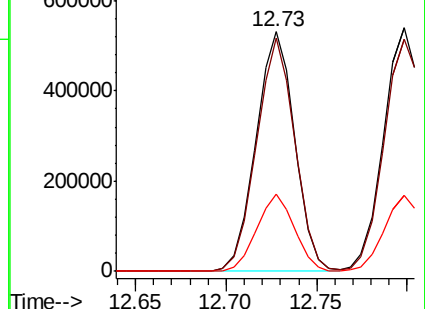
200 32.5 25.0 37.4



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 42.749 ng

RT: 12.80 min Scan# 1668

Delta R.T. -0.01 min

Lab File: BM017254.D

Acq: 20 Oct 2018 07:13

Tgt Ion:196 Resp: 824528

Ion Ratio Lower Upper

196 100

198 95.4 76.6 115.0

97 48.5 35.5 53.3

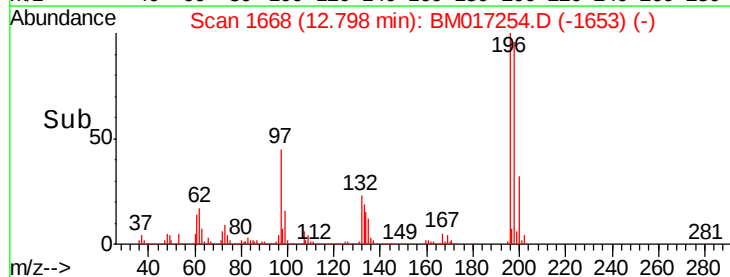
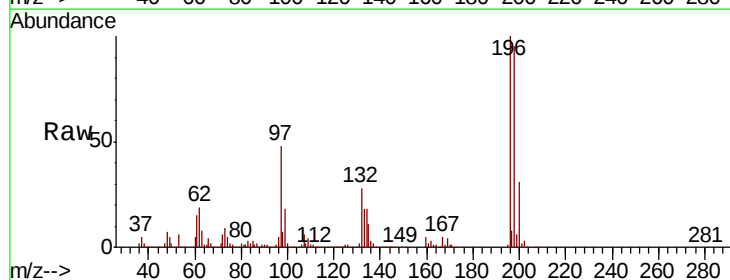
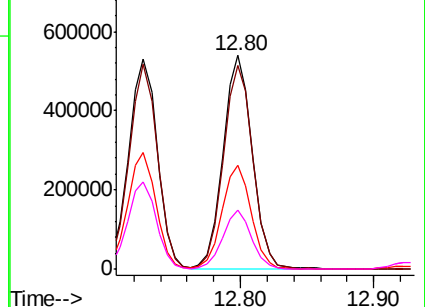
132 27.9 20.7 31.1

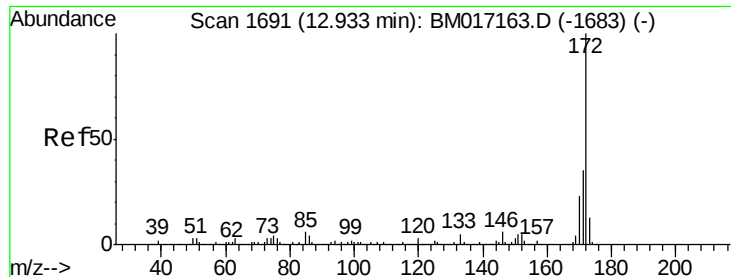
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BM0

Ion 132.00 (131.70 to 132.70): E

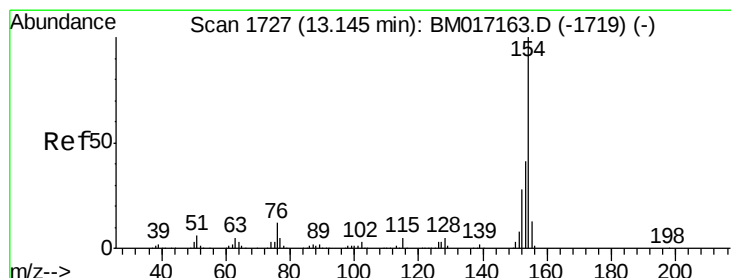
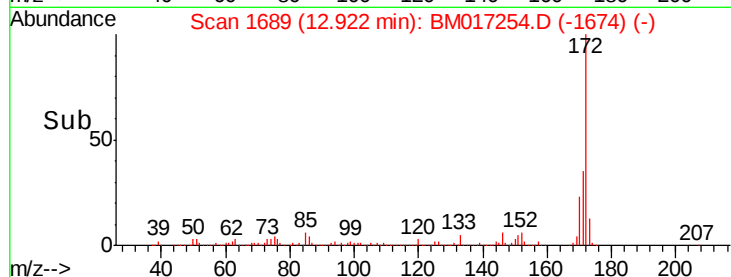
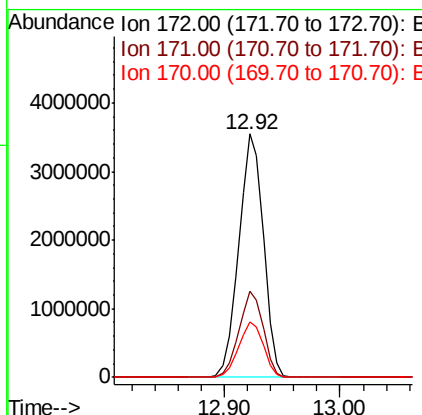
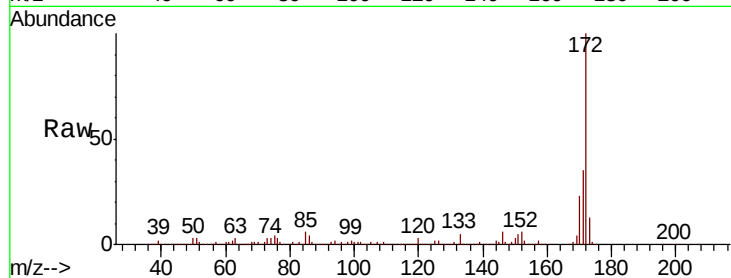




#45
2-Fluorobiphenyl
Concen: 78.974 ng
RT: 12.92 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BM017254.D
Acq: 20 Oct 2018 07:13

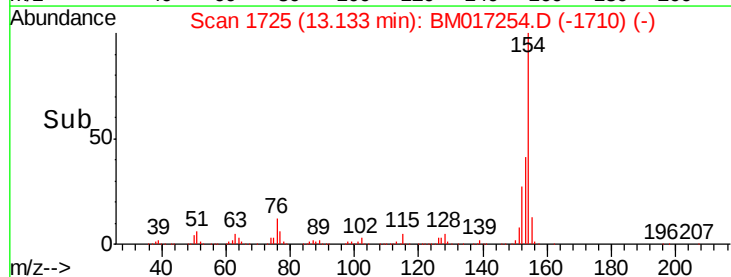
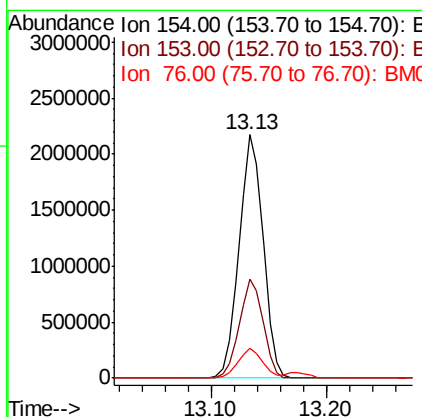
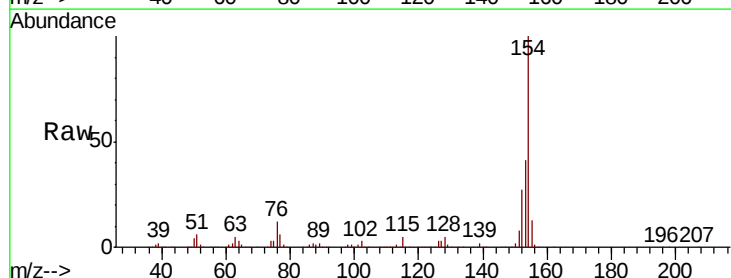
Instrument :
BNA_M
ClientSampleId :

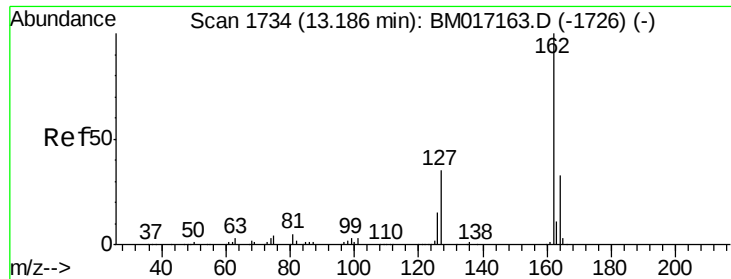
Tot Ion:172 Resp: 5222157
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 22.9 18.3 27.5



#46
1,1'-Biphenyl
Concen: 39.401 ng
RT: 13.13 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BM017254.D
Acq: 20 Oct 2018 07:13

Tgt Ion:154 Resp: 3119589
Ion Ratio Lower Upper
154 100
153 40.6 20.5 60.5
76 12.2 0.0 31.8

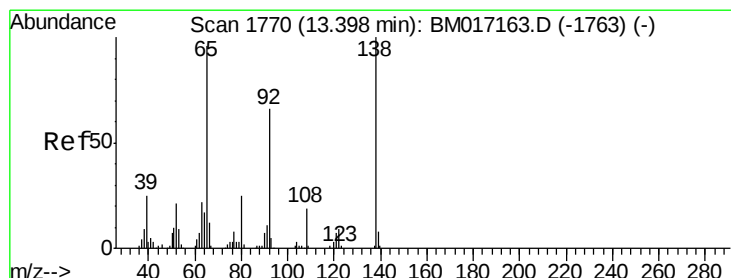
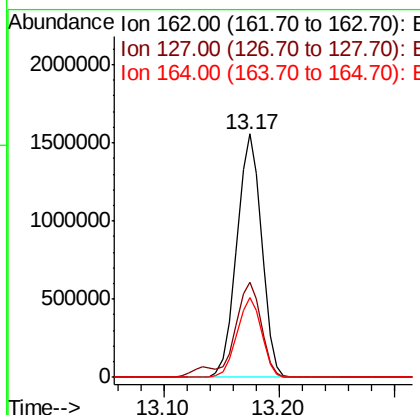
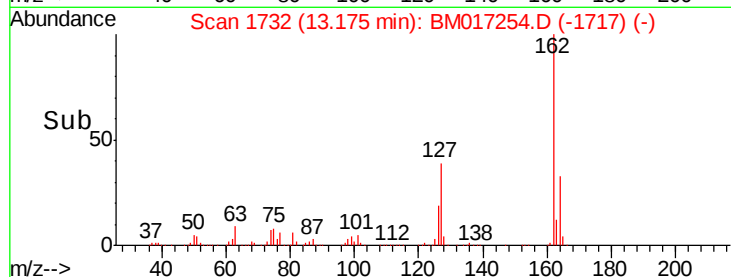
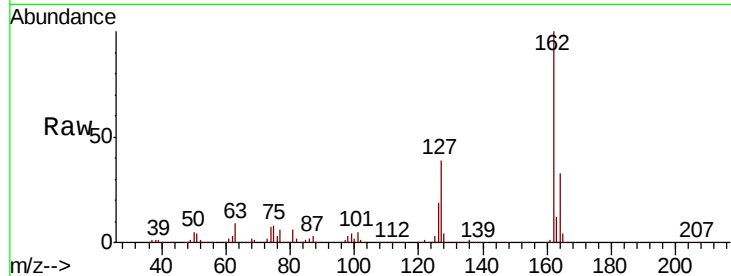




#47
2-Chloronaphthalene
Concen: 39.693 ng
RT: 13.17 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BM017254.D
Acq: 20 Oct 2018 07:13

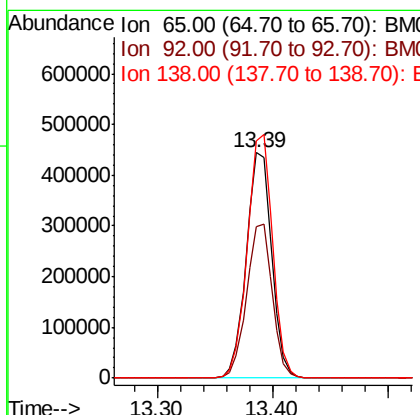
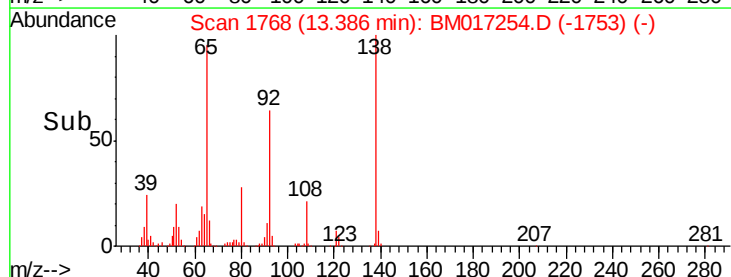
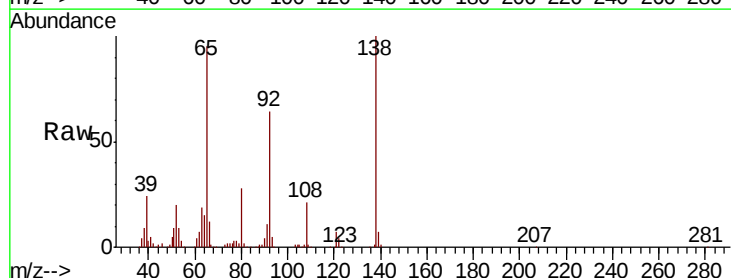
Instrument :
BNA_M
ClientSampleId :

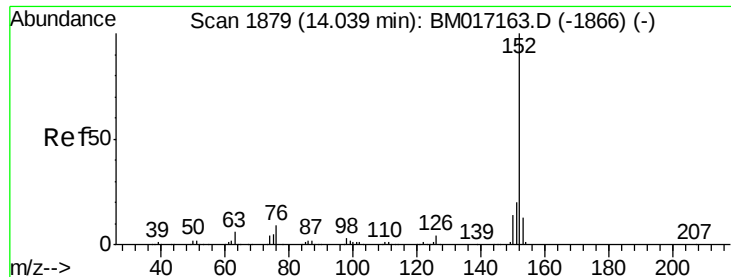
Tot Ion: 162 Resp: 2311997
Ion Ratio Lower Upper
162 100
127 39.1 31.0 46.4
164 32.9 26.6 39.8



#48
2-Nitroaniline
Concen: 42.238 ng
RT: 13.39 min Scan# 1768
Delta R.T. -0.01 min
Lab File: BM017254.D
Acq: 20 Oct 2018 07:13

Tgt Ion: 65 Resp: 682308
Ion Ratio Lower Upper
65 100
92 67.4 54.9 82.3
138 105.4 83.7 125.5





#49

Acenaphthylene

Concen: 40.836 ng

RT: 14.03 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BM017254.D

Acq: 20 Oct 2018 07:13

Instrument :

BNA_M

ClientSampleId :

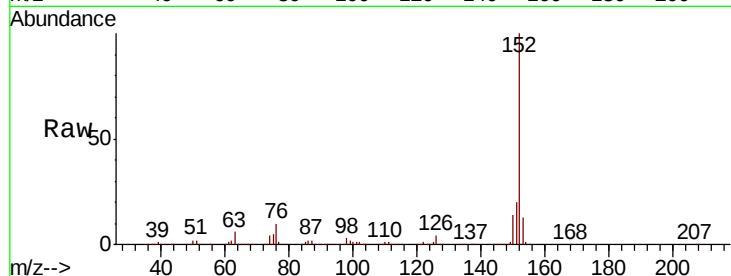
Tot Ion:152 Resp: 3447690

Ion Ratio Lower Upper

152 100

151 20.1 16.0 24.0

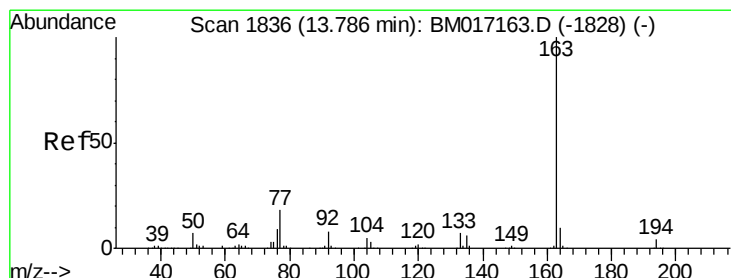
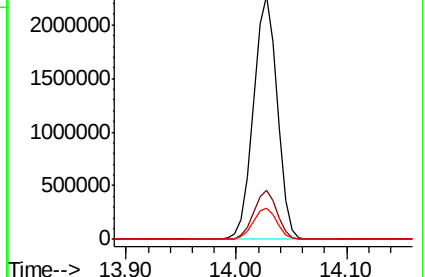
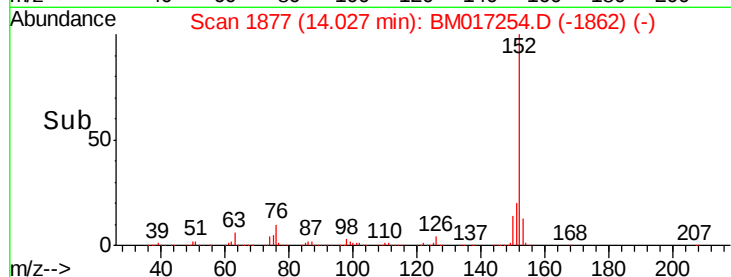
153 13.0 10.4 15.6



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: 40.594 ng

RT: 13.77 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BM017254.D

Acq: 20 Oct 2018 07:13

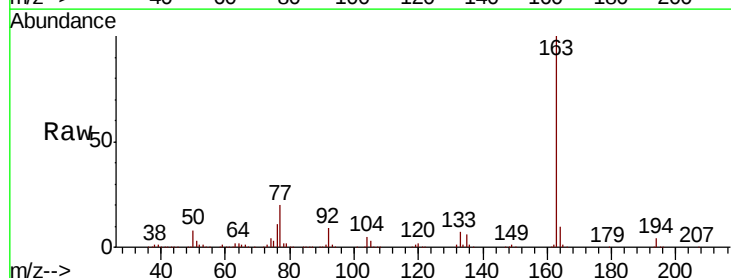
Tgt Ion:163 Resp: 2755446

Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

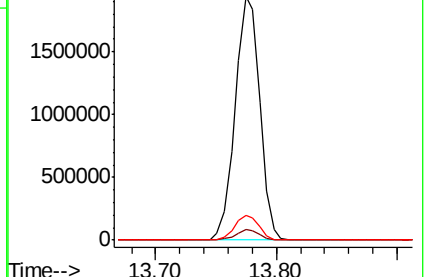
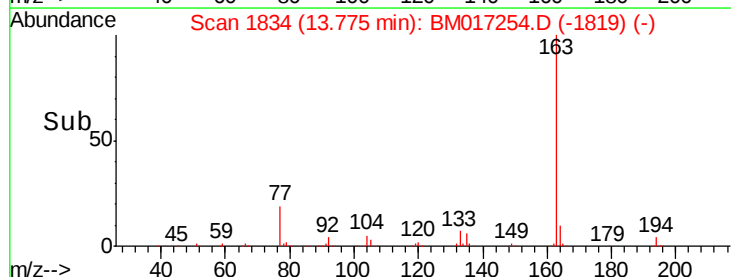
164 10.4 7.8 11.8

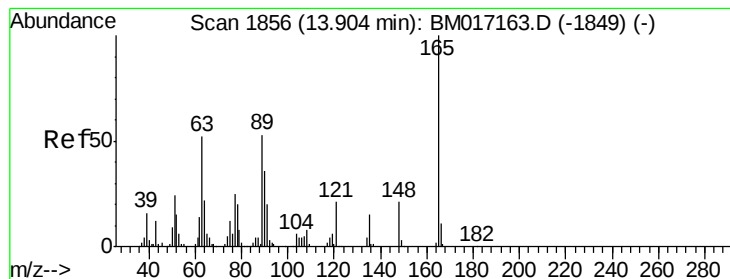


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.542 ng

RT: 13.89 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BM017254.D

Acq: 20 Oct 2018 07:13

Instrument :

BNA_M

ClientSampled :

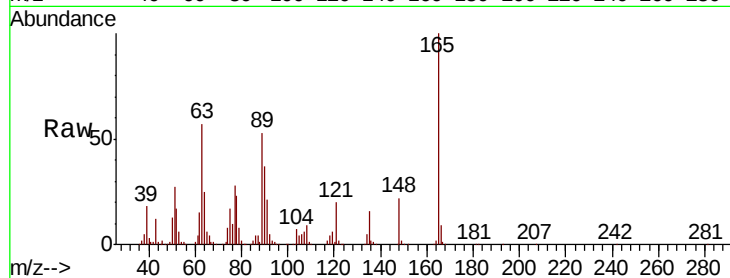
Tot Ion:165 Resp: 620630

Ion Ratio Lower Upper

165 100

63 56.9 42.7 64.1

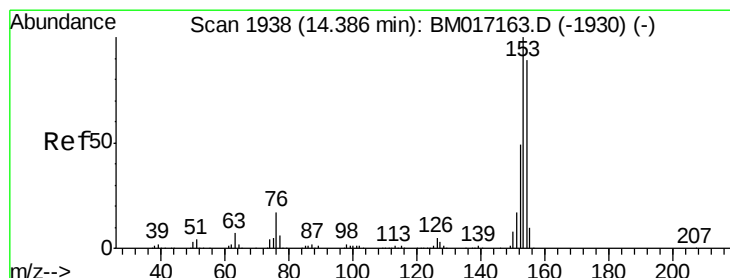
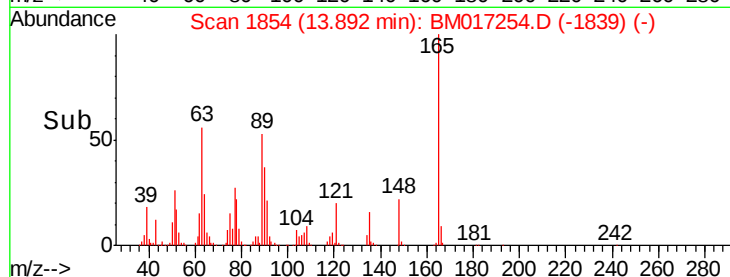
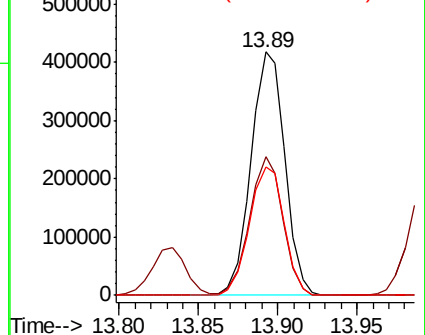
89 52.7 42.1 63.1



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM



#52

Acenaphthene

Concen: 39.674 ng

RT: 14.37 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BM017254.D

Acq: 20 Oct 2018 07:13

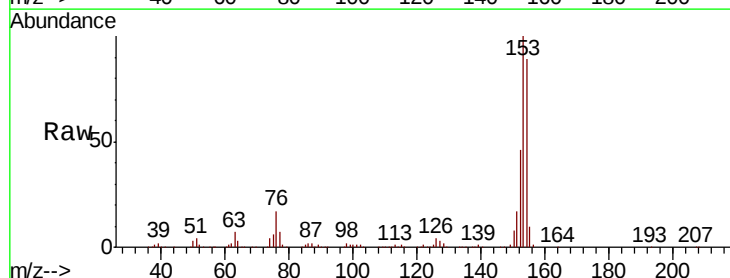
Tgt Ion:154 Resp: 2103153

Ion Ratio Lower Upper

154 100

153 111.9 90.2 135.2

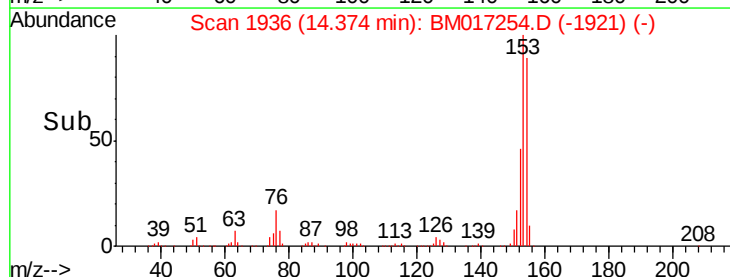
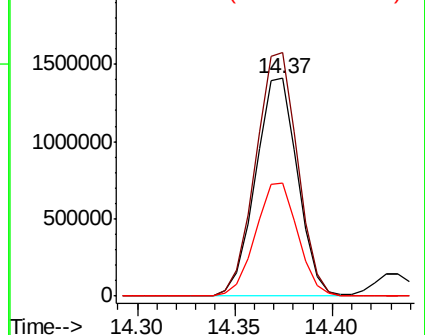
152 52.0 44.2 66.4

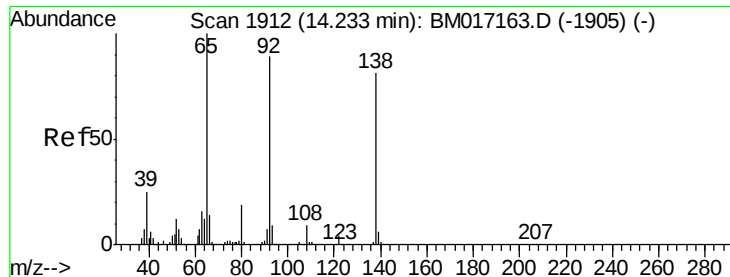


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

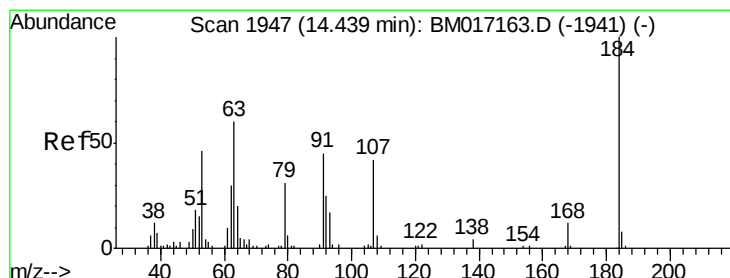
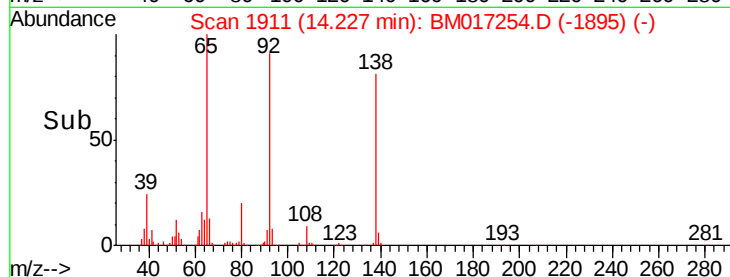
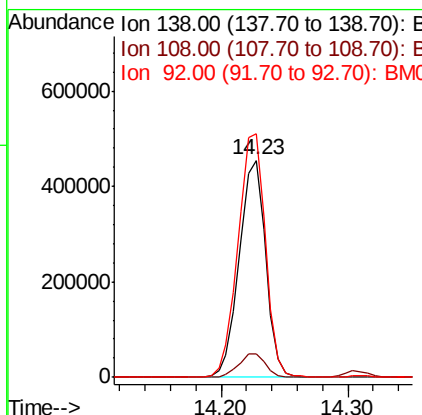
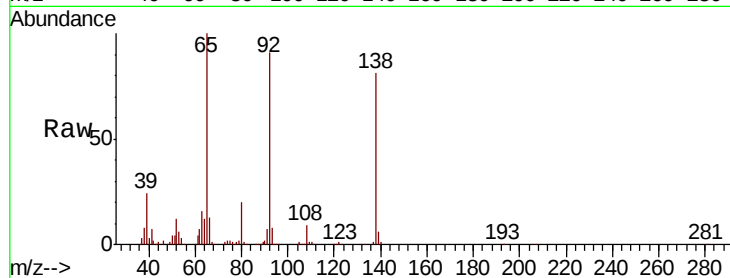




#53
3-Nitroaniline
Concen: 40.689 ng
RT: 14.23 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BM017254.D
Acq: 20 Oct 2018 07:13

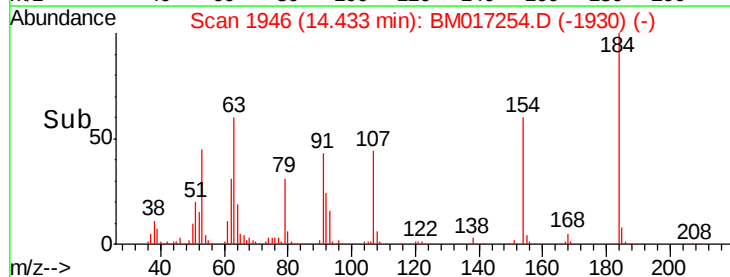
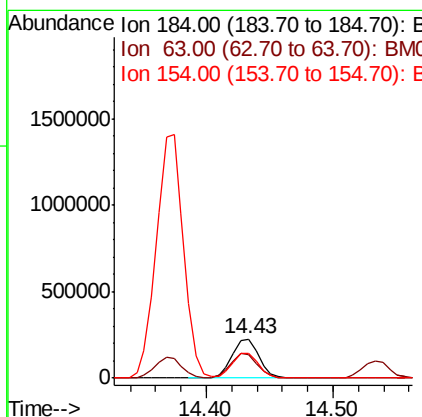
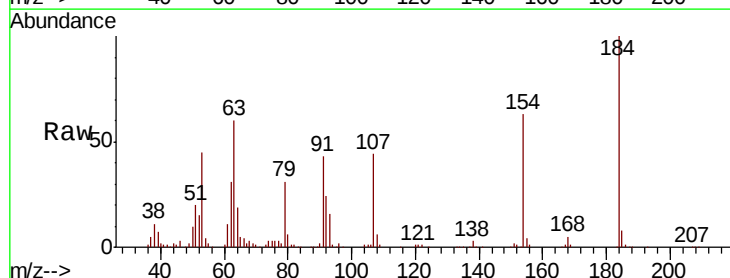
Instrument :
BNA_M
ClientSampleId :

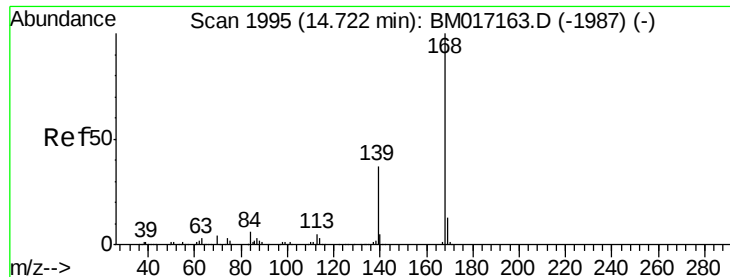
Tot Ion:138 Resp: 658369
Ion Ratio Lower Upper
138 100
108 11.0 8.7 13.1
92 112.3 87.9 131.9



#54
2,4-Dinitrophenol
Concen: 42.144 ng
RT: 14.43 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BM017254.D
Acq: 20 Oct 2018 07:13

Tgt Ion:184 Resp: 331342
Ion Ratio Lower Upper
184 100
63 60.2 51.2 76.8
154 62.6 47.8 71.8





#55

Dibenzofuran

Concen: 38.543 ng

RT: 14.71 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BM017254.D

Acq: 20 Oct 2018 07:13

Instrument :

BNA_M

ClientSampleId :

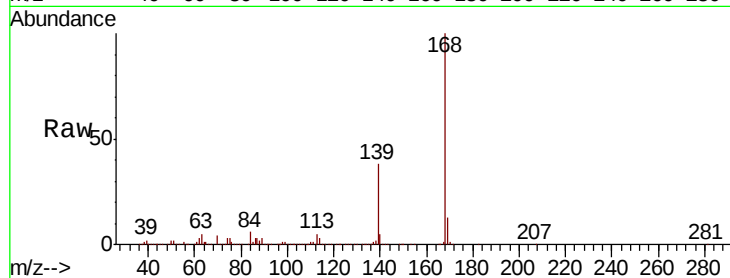
Tot Ion:168 Resp: 3397700

Ion Ratio Lower Upper

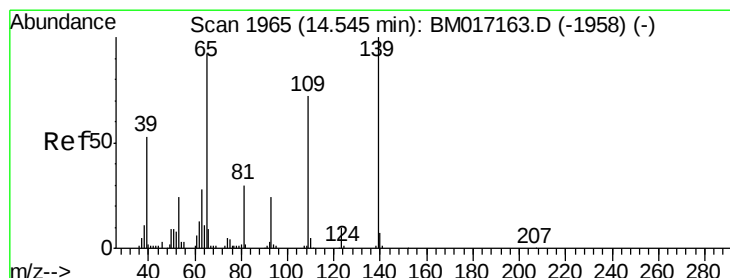
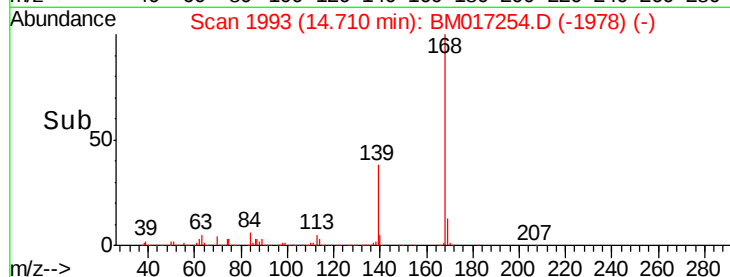
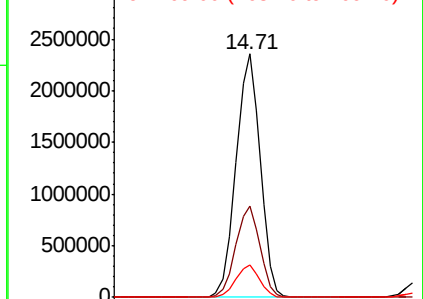
168 100

139 37.6 29.3 43.9

169 13.3 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 38.370 ng

RT: 14.53 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BM017254.D

Acq: 20 Oct 2018 07:13

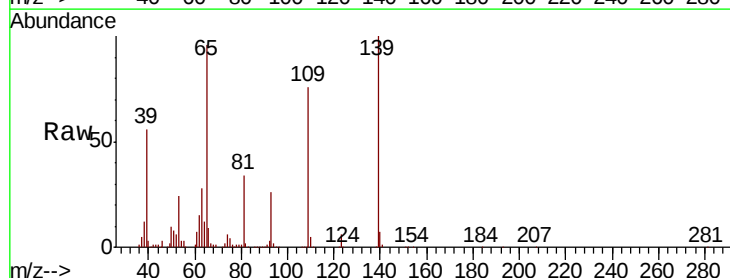
Tgt Ion:139 Resp: 527372

Ion Ratio Lower Upper

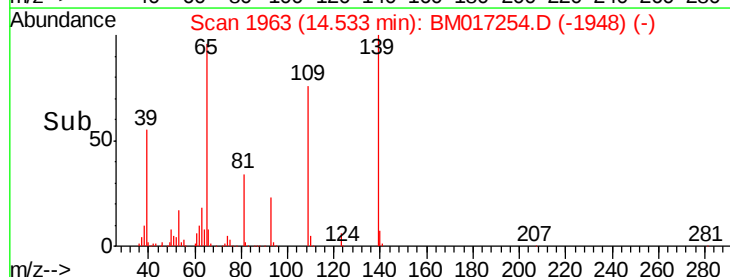
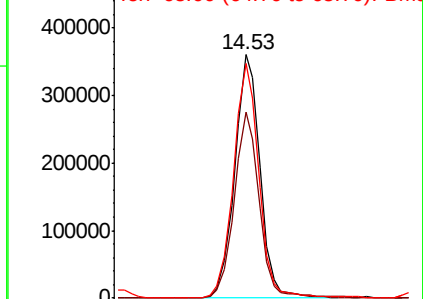
139 100

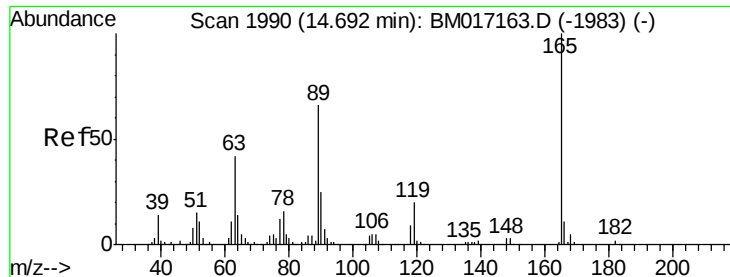
109 76.4 51.8 91.8

65 96.4 72.1 112.1



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

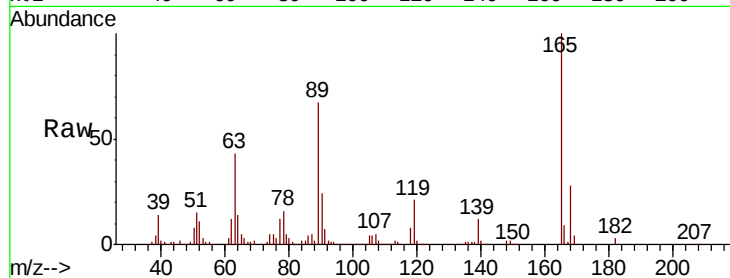




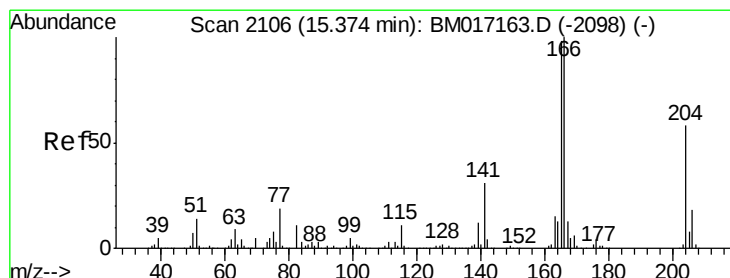
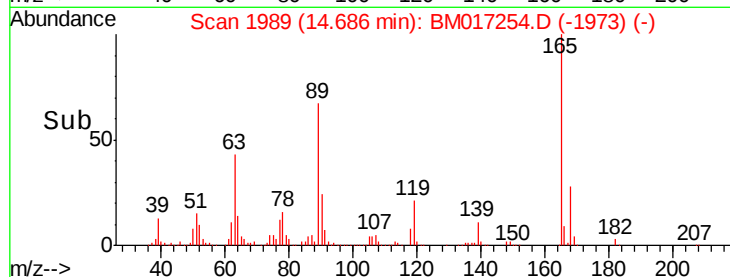
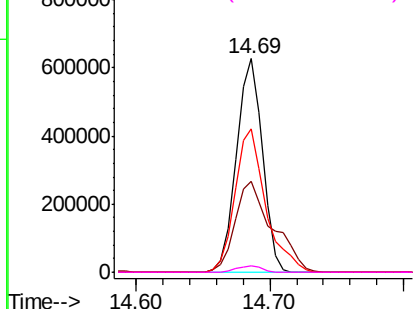
#57
 2,4-Dinitrotoluene
 Concen: 42.170 ng
 RT: 14.69 min Scan# 1989
 Delta R.T. -0.01 min
 Lab File: BM017254.D
 Acq: 20 Oct 2018 07:13

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:165 Resp: 846771
 Ion Ratio Lower Upper
 165 100
 63 42.8 33.8 50.8
 89 67.0 53.1 79.7
 182 2.7 2.0 3.0

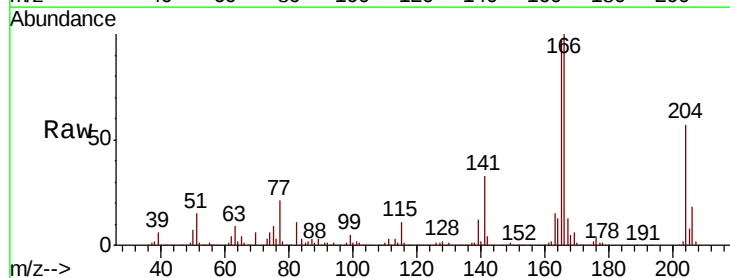


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E

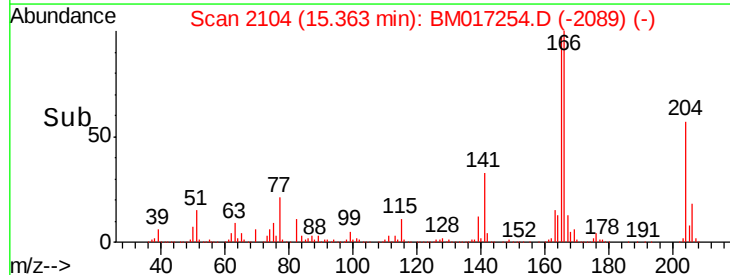
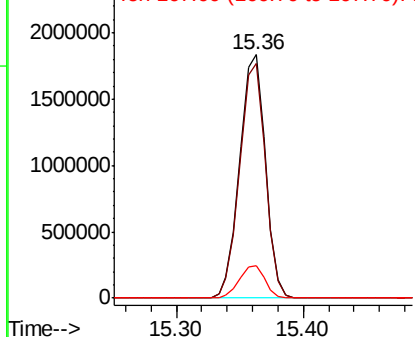


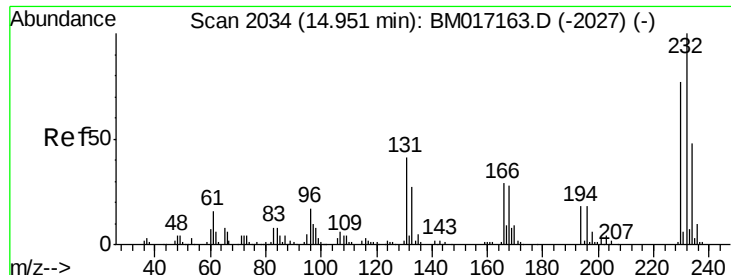
#58
 Fluorene
 Concen: 39.550 ng
 RT: 15.36 min Scan# 2104
 Delta R.T. -0.01 min
 Lab File: BM017254.D
 Acq: 20 Oct 2018 07:13

Tgt Ion:166 Resp: 2580607
 Ion Ratio Lower Upper
 166 100
 165 96.6 78.1 117.1
 167 13.2 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

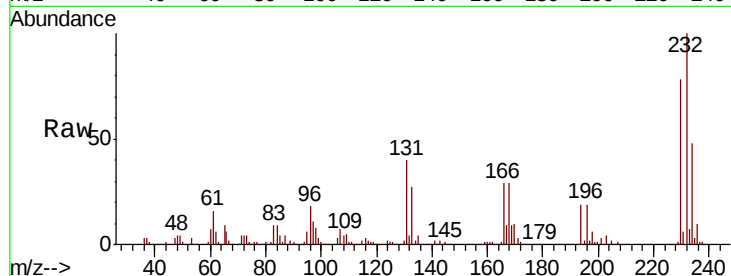




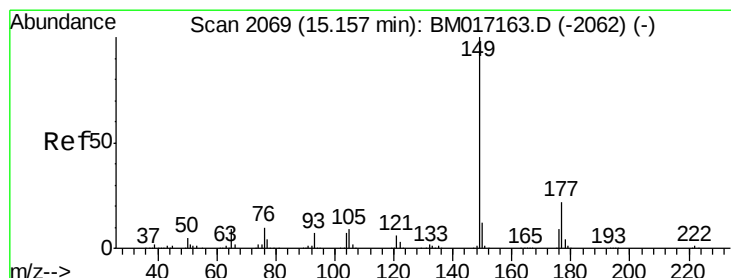
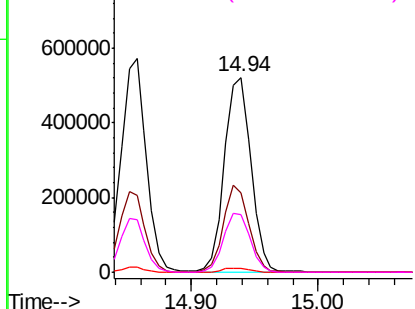
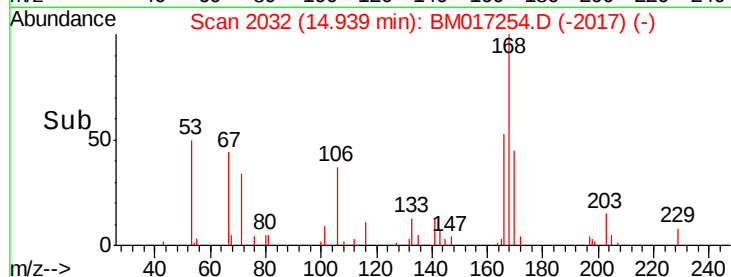
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.960 ng
RT: 14.94 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BM017254.D
Acq: 20 Oct 2018 07:13

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.8	33.1	49.7
130	2.2	1.7	2.5
166	30.3	24.4	36.6

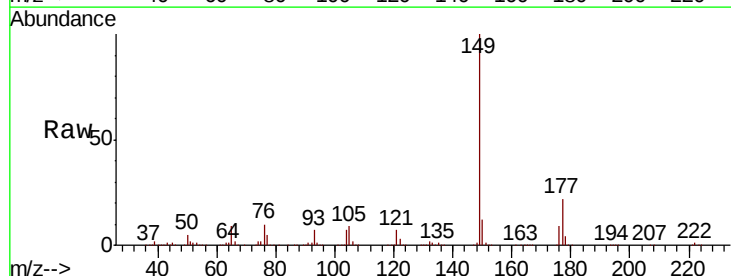


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

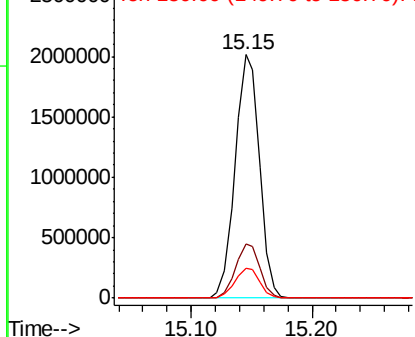
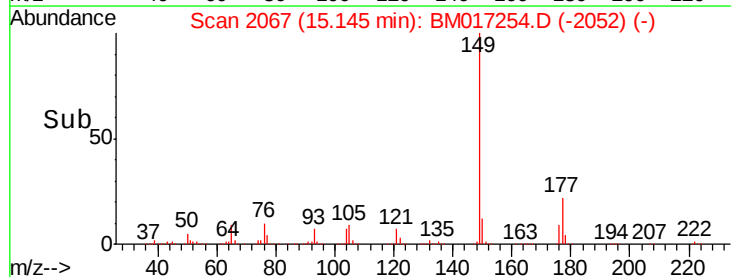


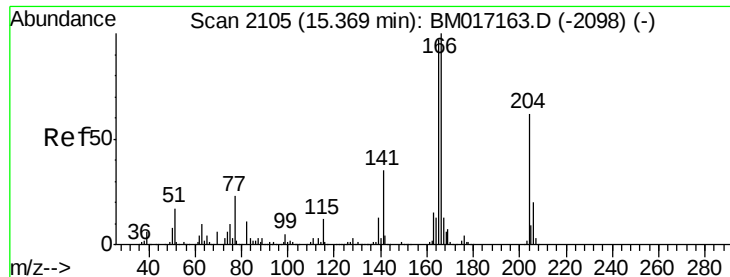
#60
Diethylphthalate
Concen: 41.878 ng
RT: 15.15 min Scan# 2067
Delta R.T. -0.01 min
Lab File: BM017254.D
Acq: 20 Oct 2018 07:13

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.7	26.5
150	12.4	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

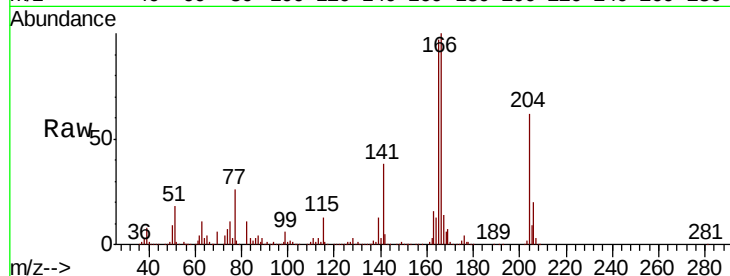




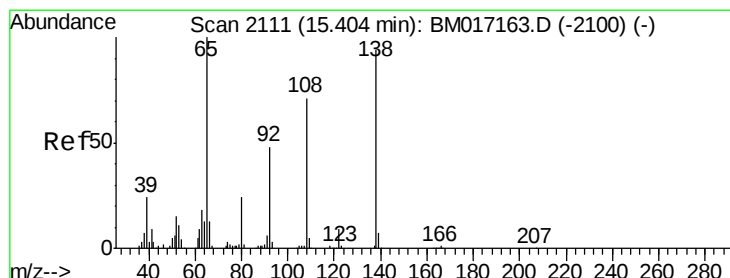
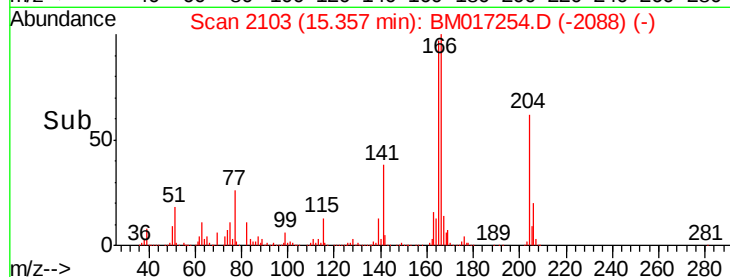
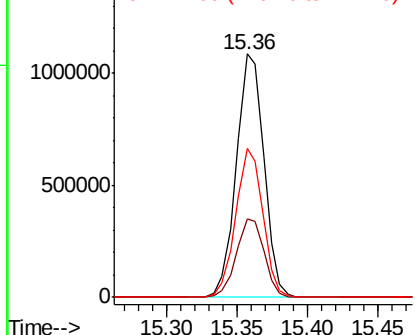
#61
4-Chlorophenyl-phenylether
Concen: 39.861 ng
RT: 15.36 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BM017254.D
Acq: 20 Oct 2018 07:13

Instrument :
BNA_M
ClientSampleId :

Tot Ion:204 Resp: 1482791
Ion Ratio Lower Upper
204 100
206 32.2 26.1 39.1
141 61.1 45.4 68.2

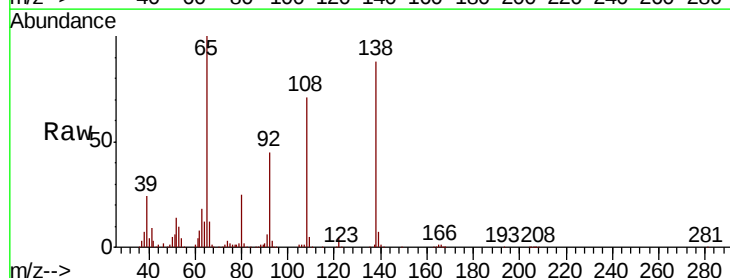


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

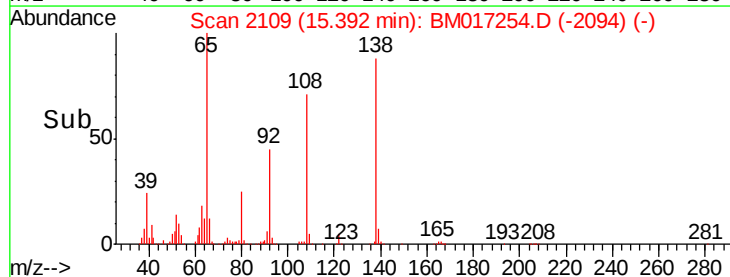
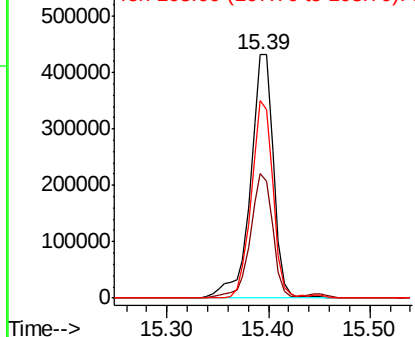


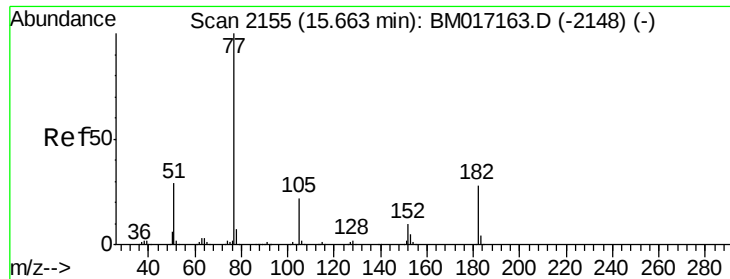
#62
4-Nitroaniline
Concen: 38.709 ng
RT: 15.39 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BM017254.D
Acq: 20 Oct 2018 07:13

Tgt Ion:138 Resp: 680529
Ion Ratio Lower Upper
138 100
92 51.3 31.2 71.2
108 81.3 55.5 95.5



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





#63

Azobenzene

Concen: 40.385 ng

RT: 15.65 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BM017254.D

Acq: 20 Oct 2018 07:13

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 2642413

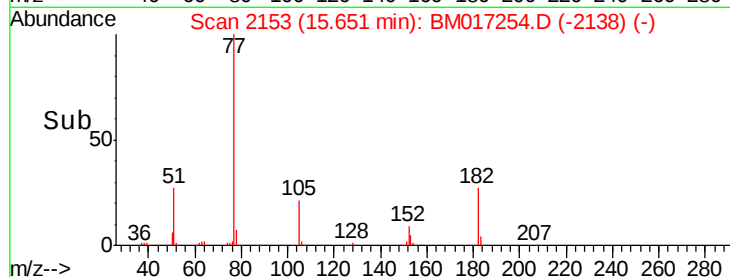
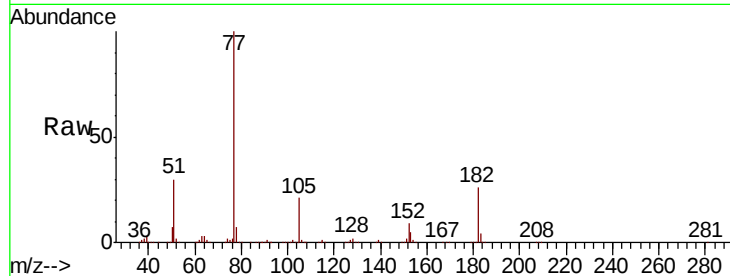
Ion	Ratio	Lower	Upper
77	100		
182	26.5	8.3	48.3
105	20.9	1.5	41.5
51	29.8	8.8	48.8

77 100

182 26.5 8.3 48.3

105 20.9 1.5 41.5

51 29.8 8.8 48.8



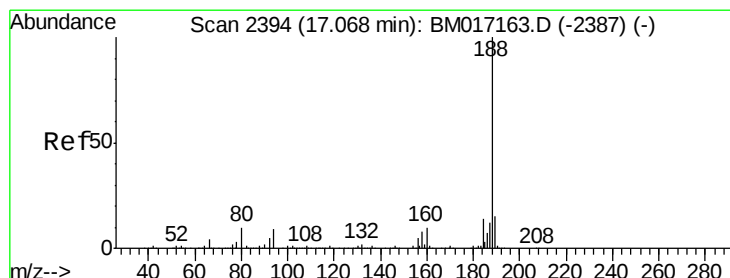
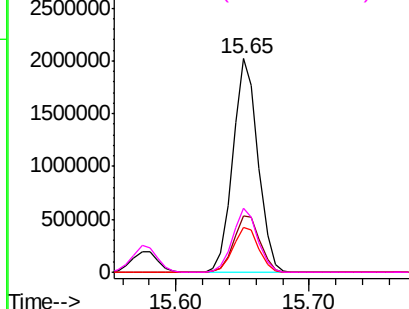
Abundance

Ion 77.00 (76.70 to 77.70): BM017254.D (-2138) (-)

Ion 182.00 (181.70 to 182.70): BM017254.D (-2138) (-)

Ion 105.00 (104.70 to 105.70): BM017254.D (-2138) (-)

Ion 51.00 (50.70 to 51.70): BM017254.D (-2138) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2392

Delta R.T. -0.01 min

Lab File: BM017254.D

Acq: 20 Oct 2018 07:13

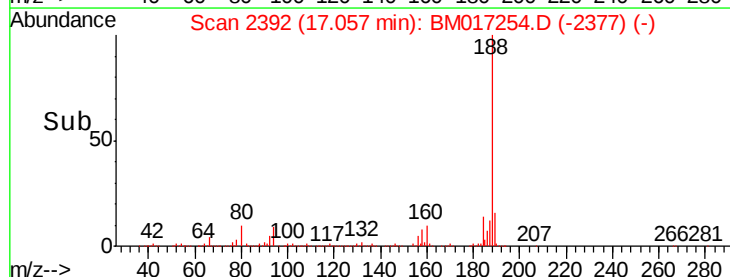
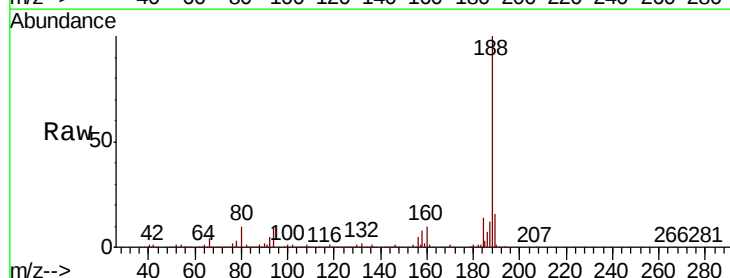
Tgt Ion: 188 Resp: 1904945

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.0	10.4
80	10.1	7.7	11.5

188 100

94 8.9 7.0 10.4

80 10.1 7.7 11.5

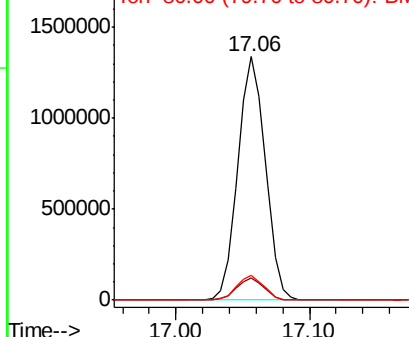


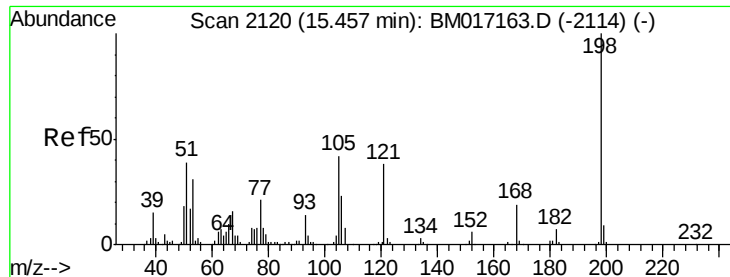
Abundance

Ion 188.00 (187.70 to 188.70): BM017254.D (-2377) (-)

Ion 94.00 (93.70 to 94.70): BM017254.D (-2377) (-)

Ion 80.00 (79.70 to 80.70): BM017254.D (-2377) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 44.489 ng

RT: 15.45 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BM017254.D

Acq: 20 Oct 2018 07:13

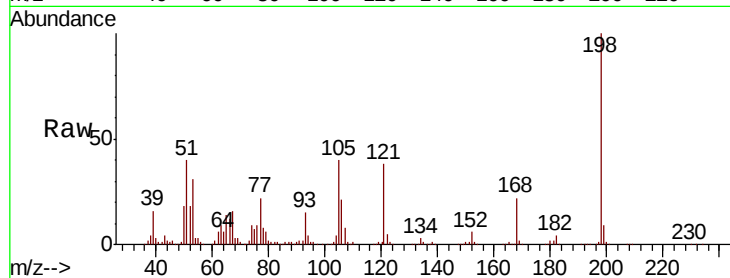
Instrument :

BNA_M

ClientSampled :

Tot Ion:198 Resp: 536884

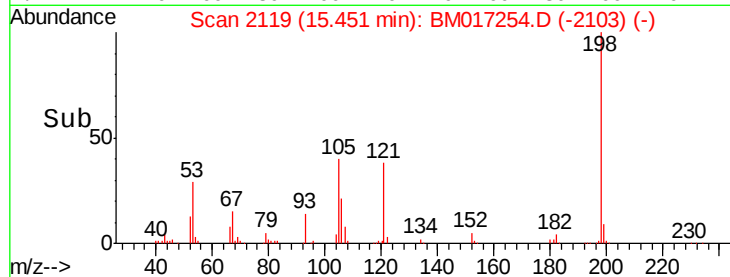
Ion	Ratio	Lower	Upper
198	100		
51	39.7	20.3	60.3
105	40.2	21.9	61.9



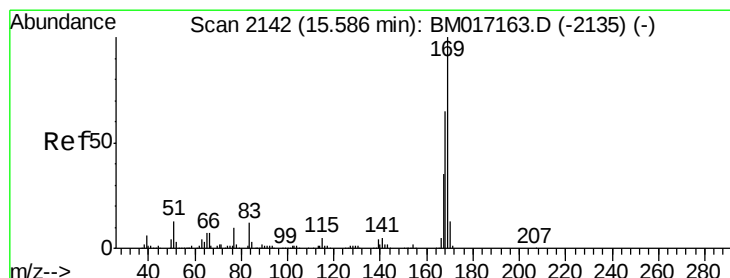
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 43.120 ng

RT: 15.58 min Scan# 2141

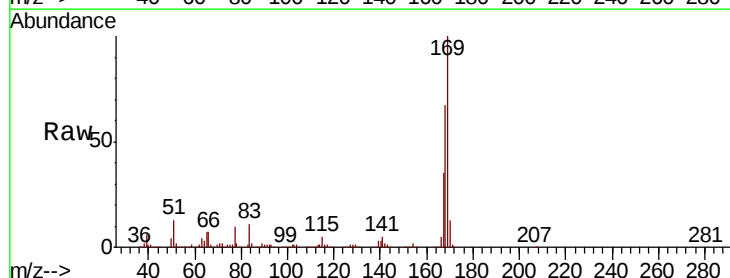
Delta R.T. -0.01 min

Lab File: BM017254.D

Acq: 20 Oct 2018 07:13

Tgt Ion:169 Resp: 2485149

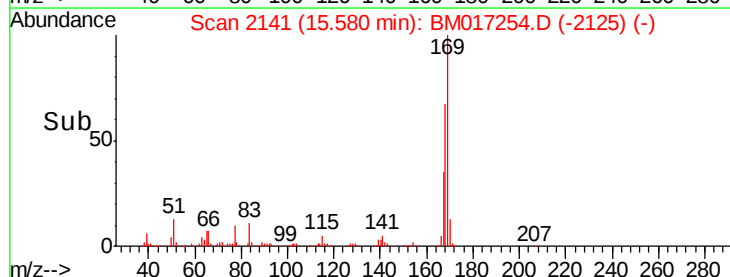
Ion	Ratio	Lower	Upper
169	100		
168	66.7	52.2	78.4
167	35.3	28.4	42.6



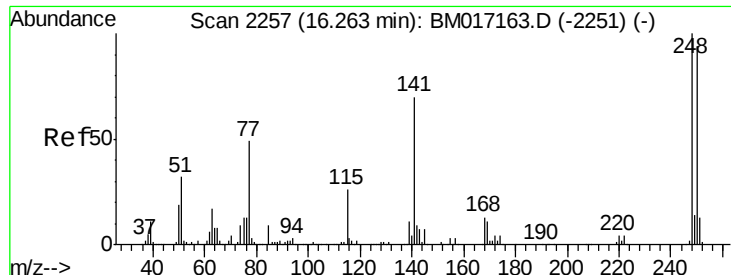
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



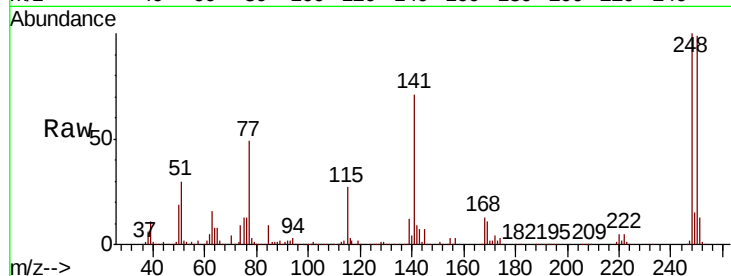
Time-->



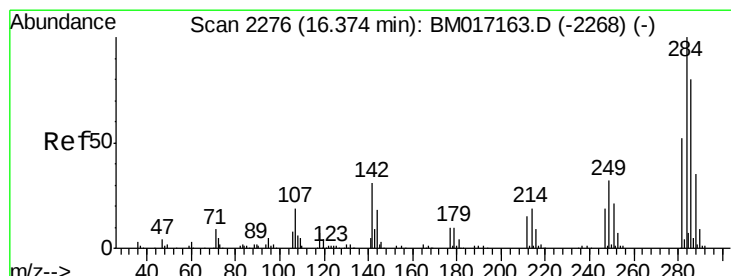
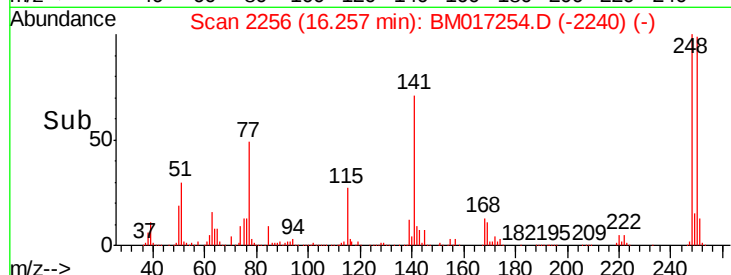
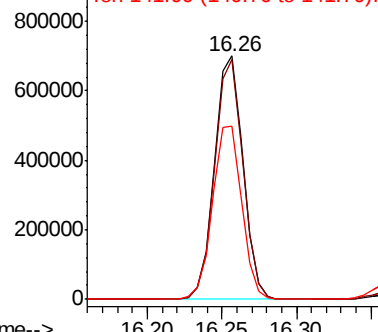
#67
4-Bromophenyl-phenylether
Concen: 44.201 ng
RT: 16.26 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM017254.D
Acq: 20 Oct 2018 07:13

Instrument :
BNA_M
ClientSampled :

Tot Ion:248 Resp: 924530
Ion Ratio Lower Upper
248 100
250 98.5 75.1 112.7
141 71.3 55.6 83.4

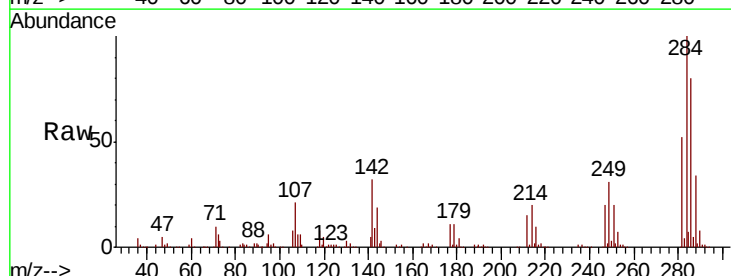


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

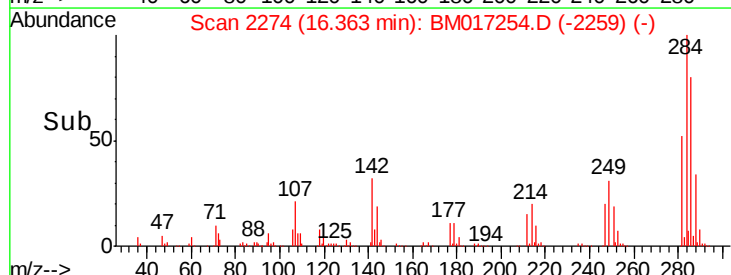
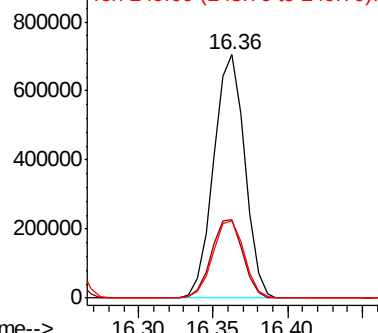


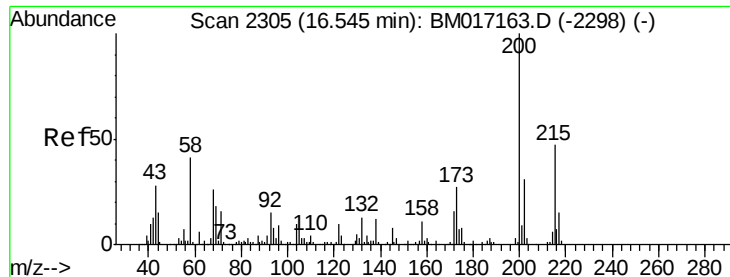
#68
Hexachlorobenzene
Concen: 41.758 ng
RT: 16.36 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BM017254.D
Acq: 20 Oct 2018 07:13

Tgt Ion:284 Resp: 1014581
Ion Ratio Lower Upper
284 100
142 32.4 25.0 37.6
249 31.5 25.5 38.3



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

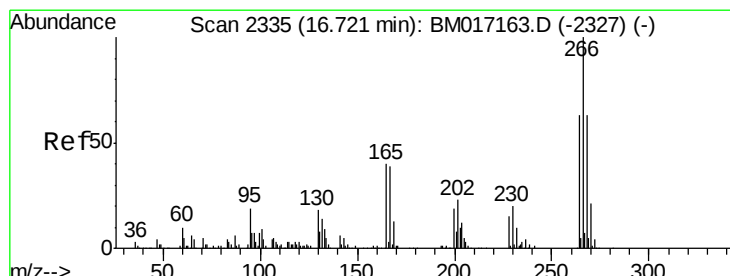
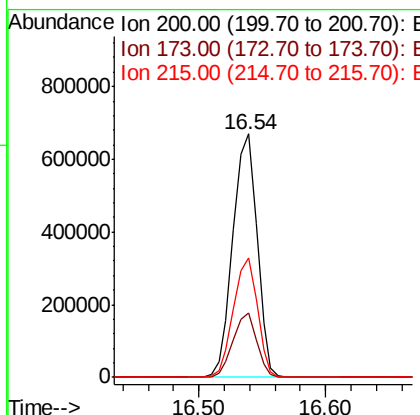
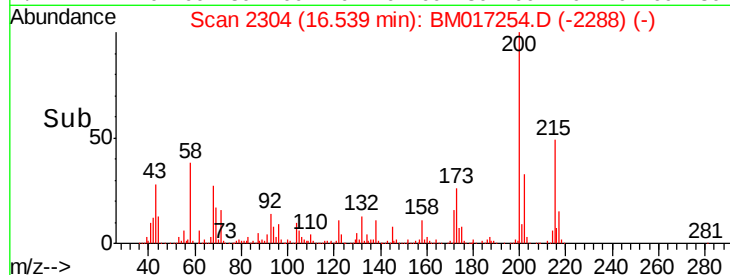
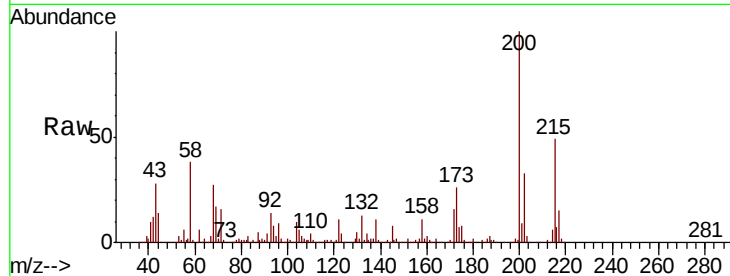




#69
 Atrazine
 Concen: 42.895 ng
 RT: 16.54 min Scan# 2304
 Delta R.T. -0.00 min
 Lab File: BM017254.D
 Acq: 20 Oct 2018 07:13

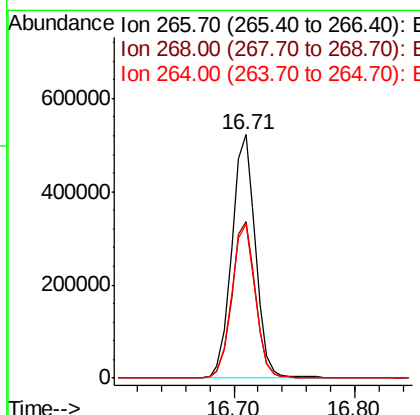
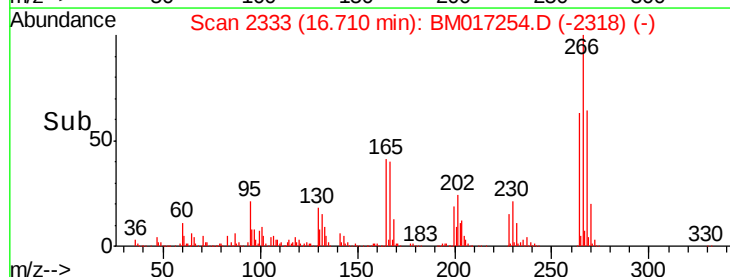
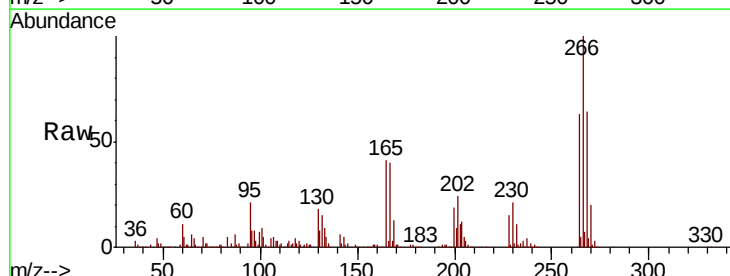
Instrument :
 BNA_M
 ClientSampleId :

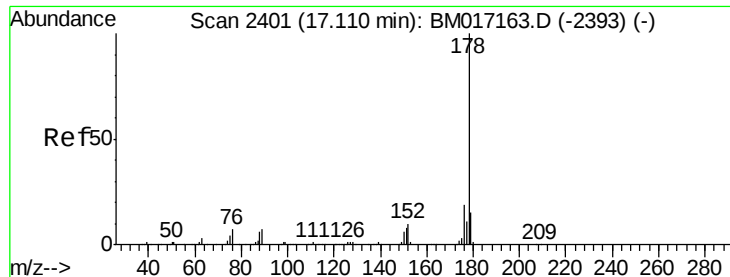
Tot Ion:200 Resp: 884802
 Ion Ratio Lower Upper
 200 100
 173 26.3 7.0 47.0
 215 49.0 27.3 67.3



#70
 Pentachlorophenol
 Concen: 42.810 ng
 RT: 16.71 min Scan# 2333
 Delta R.T. -0.01 min
 Lab File: BM017254.D
 Acq: 20 Oct 2018 07:13

Tgt Ion:266 Resp: 712520
 Ion Ratio Lower Upper
 266 100
 268 64.2 50.7 76.1
 264 63.2 50.4 75.6

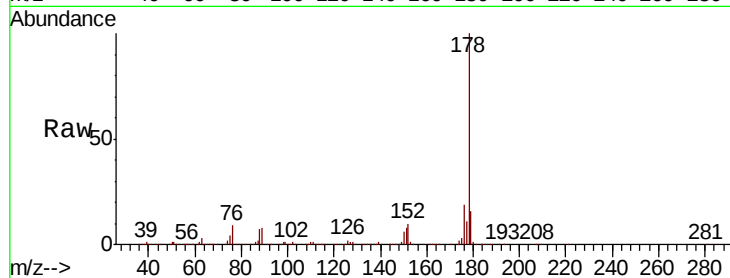




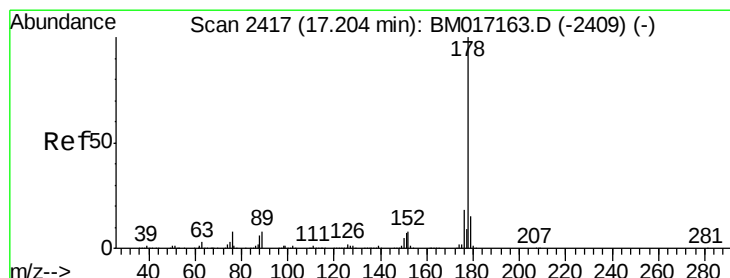
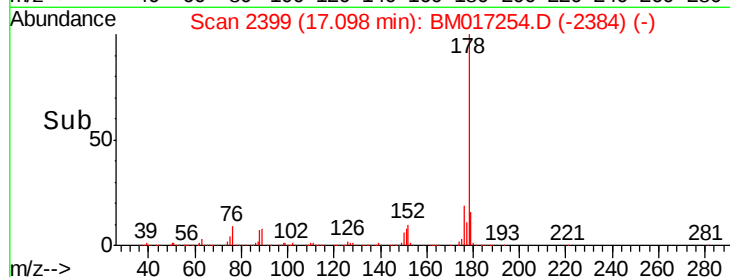
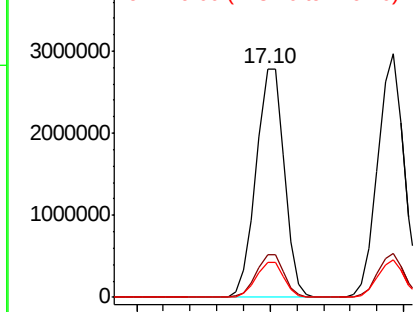
#71
Phenanthrene
Concen: 39.489 ng
RT: 17.10 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BM017254.D
Acq: 20 Oct 2018 07:13

Instrument :
BNA_M
ClientSampleId :

Tot Ion:178 Resp: 4058616
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.6
179 15.5 12.3 18.5

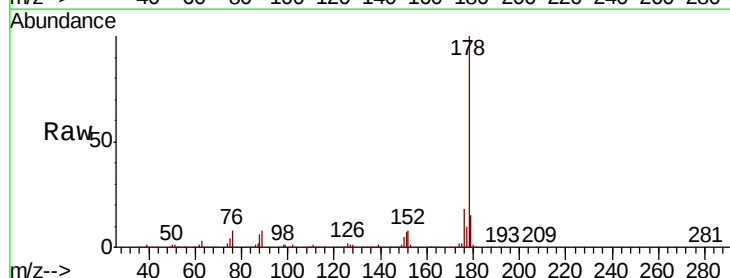


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

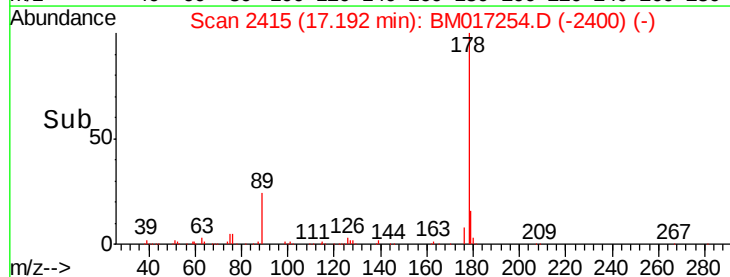
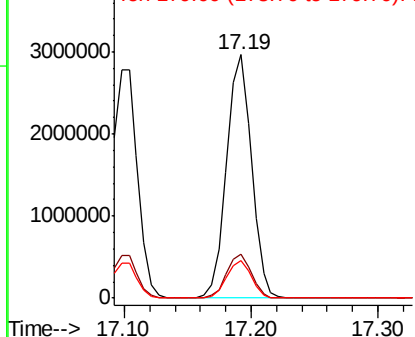


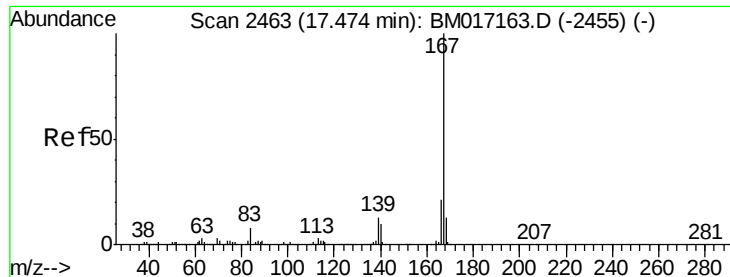
#72
Anthracene
Concen: 41.277 ng
RT: 17.19 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM017254.D
Acq: 20 Oct 2018 07:13

Tgt Ion:178 Resp: 4031033
Ion Ratio Lower Upper
178 100
176 18.0 14.5 21.7
179 15.4 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



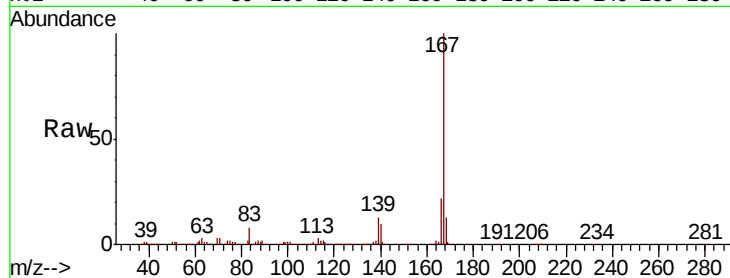


#73
 Carbazole
 Concen: 39.490 ng
 RT: 17.47 min Scan# 2462
 Delta R.T. -0.01 min
 Lab File: BM017254.D
 Acq: 20 Oct 2018 07:13

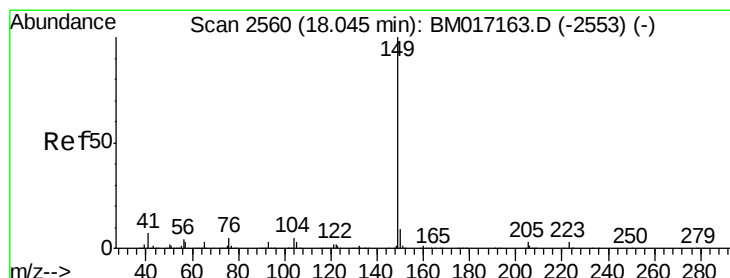
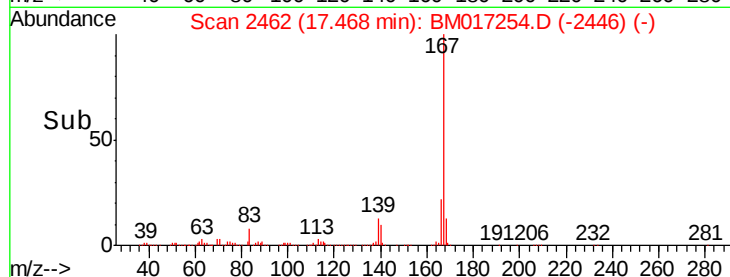
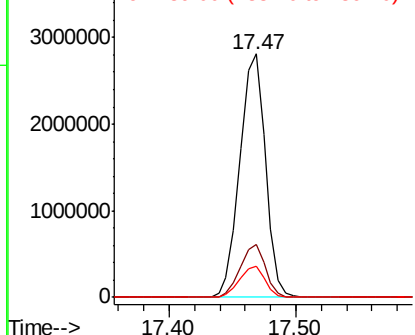
Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 3939454

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.1	25.7
139	12.7	10.1	15.1



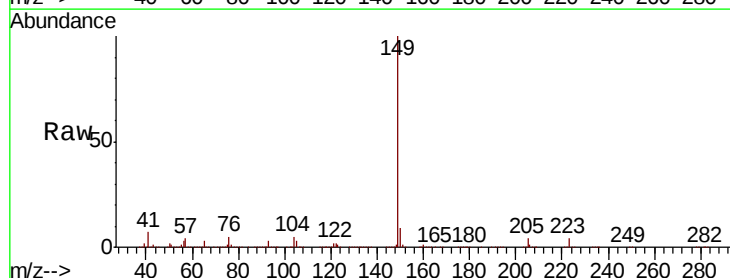
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



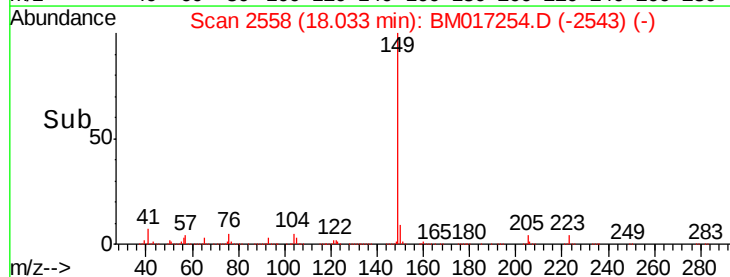
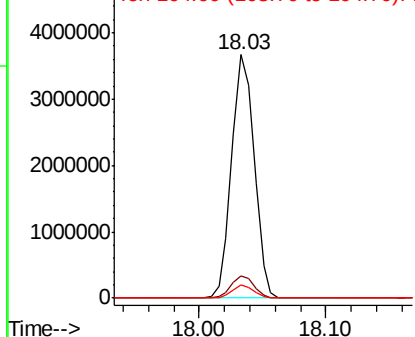
#74
 Di-n-butylphthalate
 Concen: 42.948 ng
 RT: 18.03 min Scan# 2558
 Delta R.T. -0.01 min
 Lab File: BM017254.D
 Acq: 20 Oct 2018 07:13

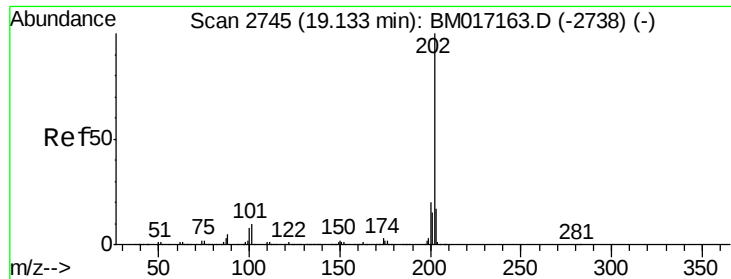
Tgt Ion:149 Resp: 4518795

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.0
104	5.2	4.3	6.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 37.464 ng

RT: 19.12 min Scan# 2743

Delta R.T. -0.01 min

Lab File: BM017254.D

Acq: 20 Oct 2018 07:13

Instrument :

BNA_M

ClientSampled :

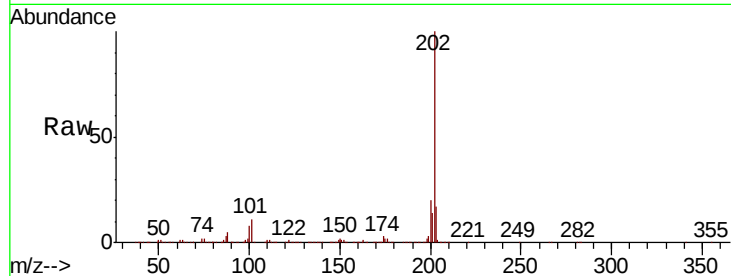
Tot Ion:202 Resp: 4332834

Ion Ratio Lower Upper

202 100

101 10.6 0.0 30.0

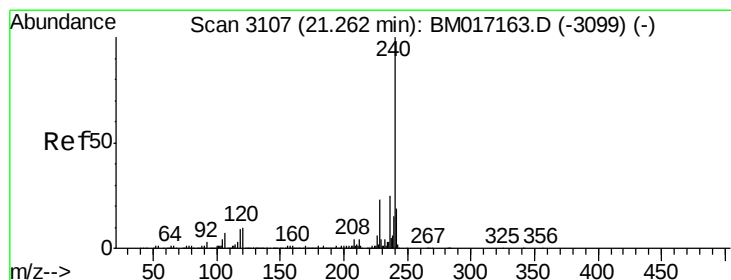
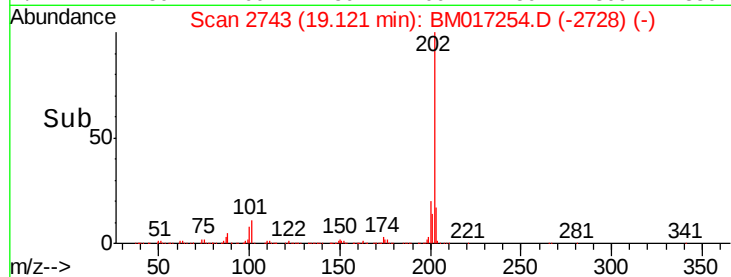
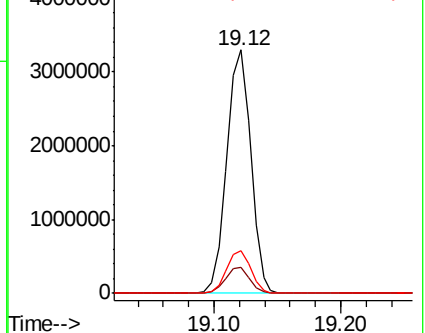
203 17.3 0.0 37.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM017254.D

Acq: 20 Oct 2018 07:13

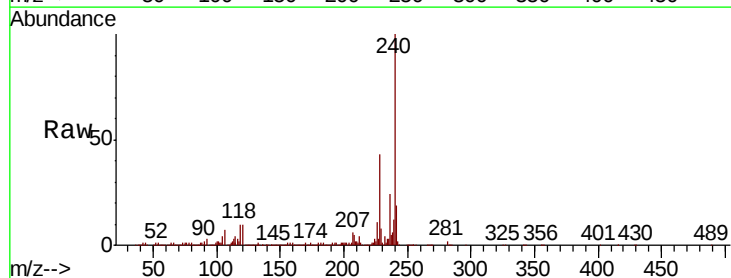
Tgt Ion:240 Resp: 1679042

Ion Ratio Lower Upper

240 100

120 10.2 8.1 12.1

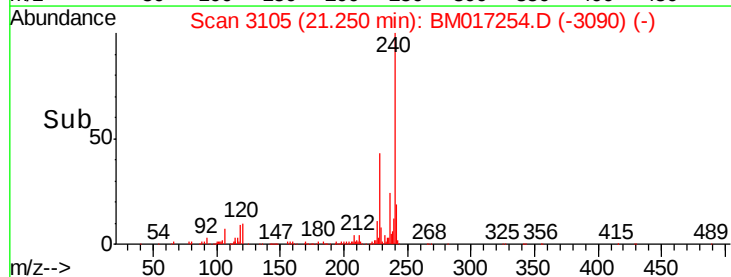
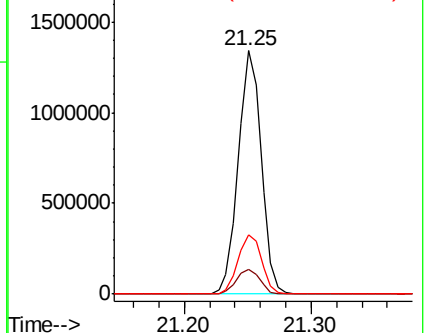
236 24.4 19.9 29.9

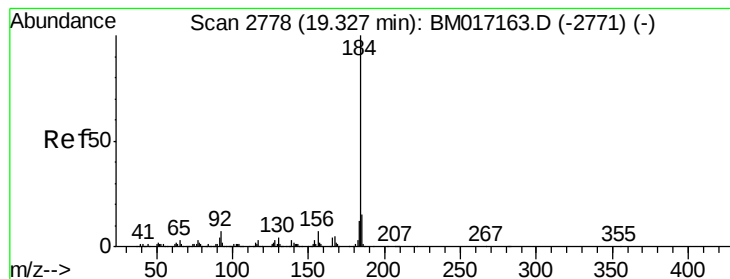


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 50.547 ng

RT: 19.32 min Scan# 2776

Delta R.T. -0.01 min

Lab File: BM017254.D

Acq: 20 Oct 2018 07:13

Instrument :

BNA_M

ClientSampleId :

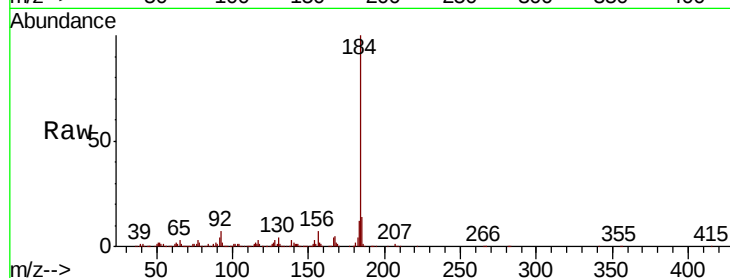
Tot Ion:184 Resp: 2152017

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.8	17.8
183	11.7	9.7	14.5

184 100

185 14.1 11.8 17.8

183 11.7 9.7 14.5

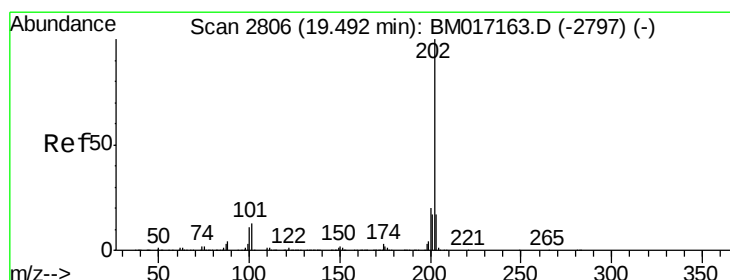
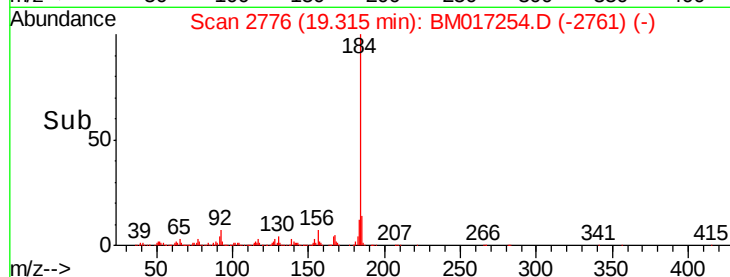
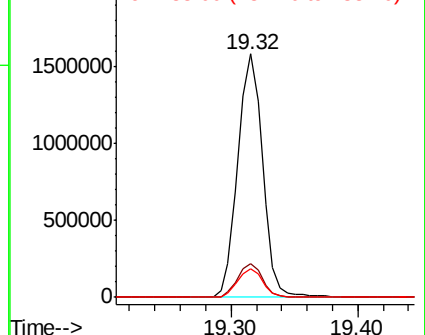


Abundance

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: 47.848 ng

RT: 19.49 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BM017254.D

Acq: 20 Oct 2018 07:13

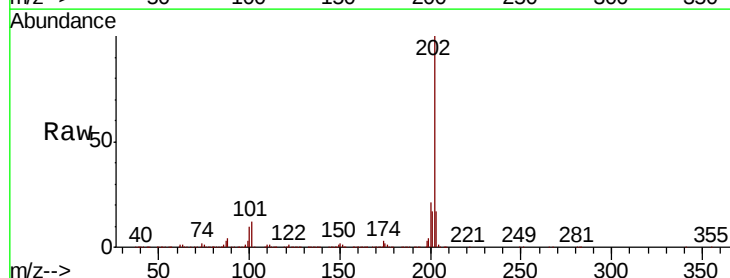
Tgt Ion:202 Resp: 4490126

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.3	24.5
203	17.5	13.9	20.9

202 100

200 20.5 16.3 24.5

203 17.5 13.9 20.9

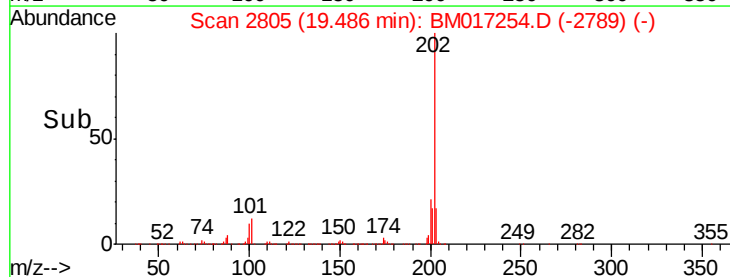
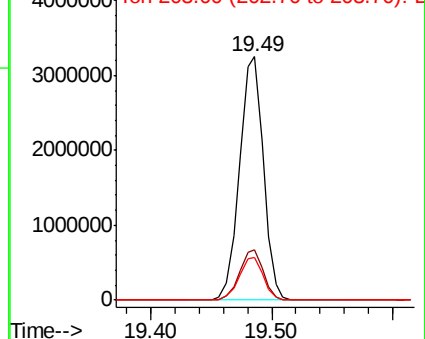


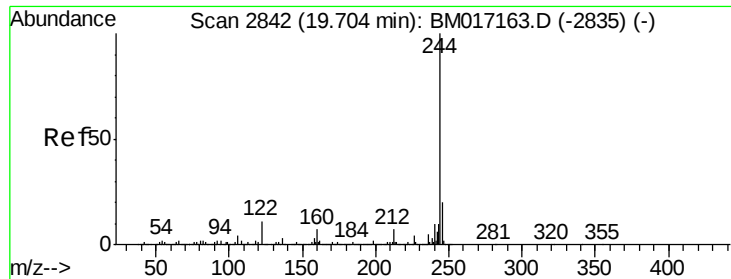
Abundance

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: 94.022 ng

RT: 19.70 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BM017254.D

Acq: 20 Oct 2018 07:13

Instrument :

BNA_M

ClientSampleId :

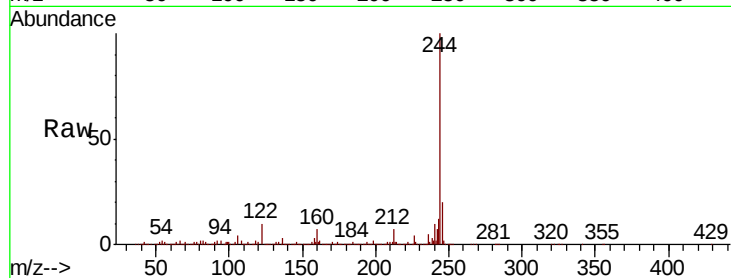
Tot Ion:244 Resp: 7003817

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

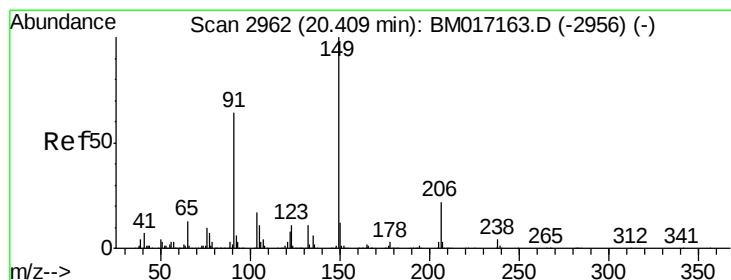
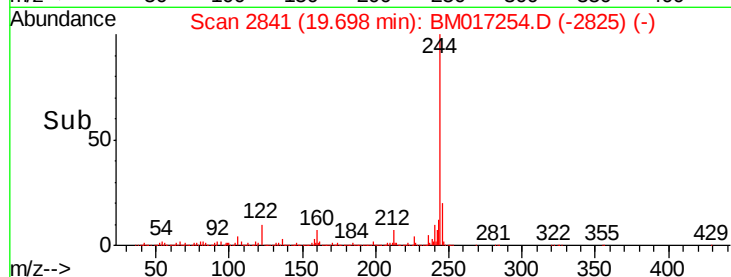
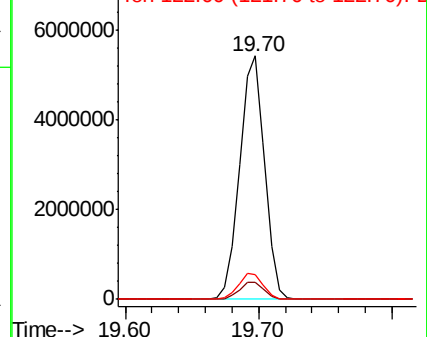
122 10.0 8.4 12.6



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: 48.901 ng

RT: 20.40 min Scan# 2960

Delta R.T. -0.01 min

Lab File: BM017254.D

Acq: 20 Oct 2018 07:13

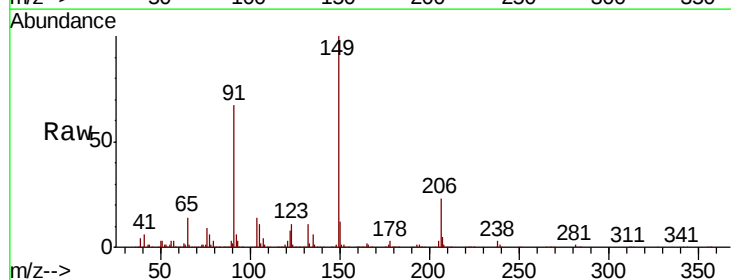
Tgt Ion:149 Resp: 1751914

Ion Ratio Lower Upper

149 100

91 67.2 51.3 76.9

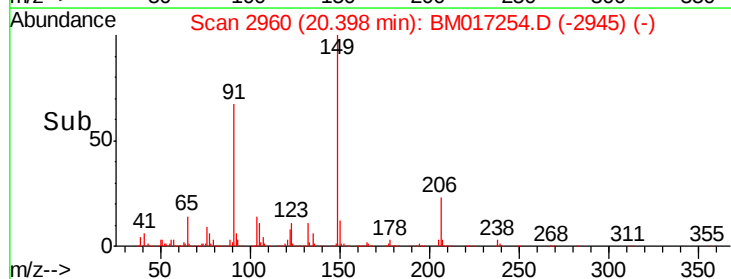
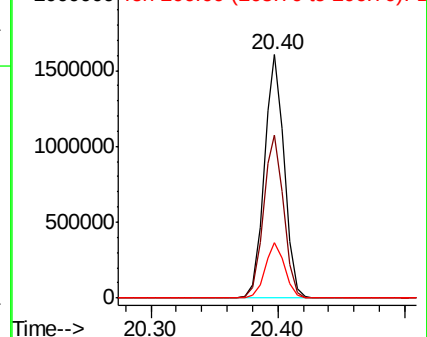
206 22.6 18.0 27.0

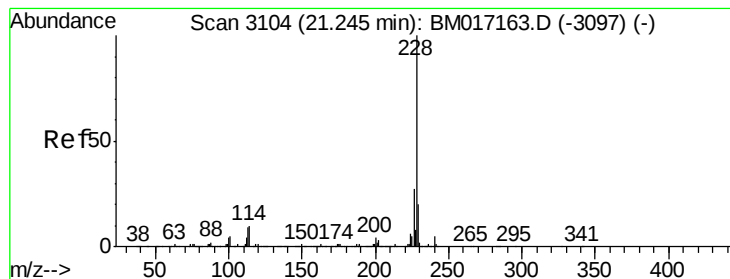


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.196 ng

RT: 21.23 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BM017254.D

Acq: 20 Oct 2018 07:13

Instrument :

BNA_M

ClientSampleId :

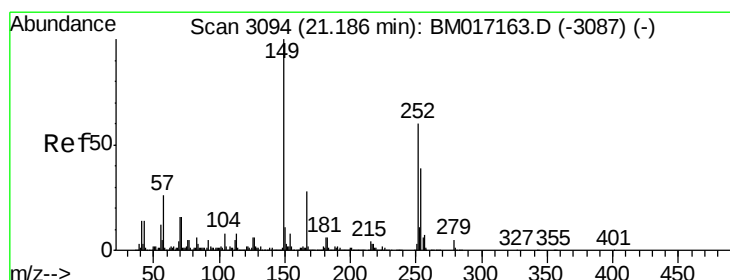
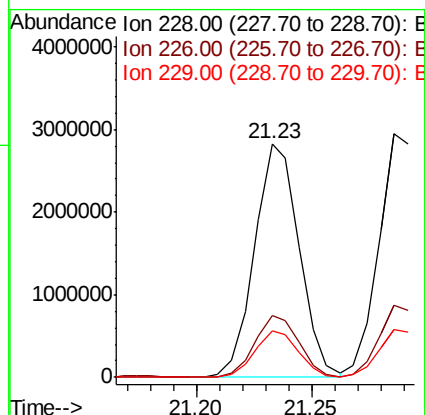
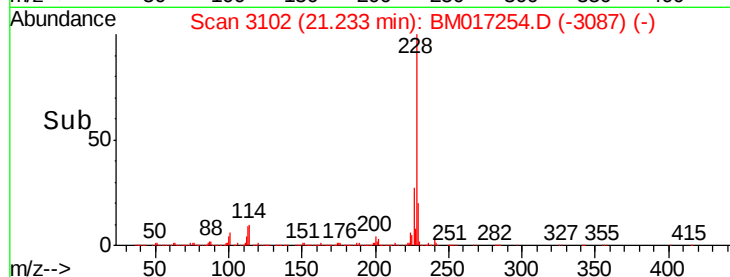
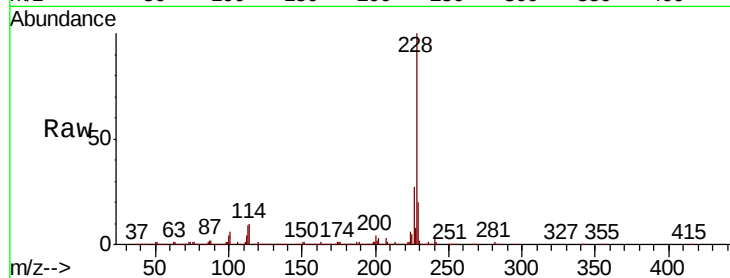
Tot Ion:228 Resp: 3797980

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.4	32.0
229	19.8	15.9	23.9

228 100

226 26.6 21.4 32.0

229 19.8 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 41.455 ng

RT: 21.17 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BM017254.D

Acq: 20 Oct 2018 07:13

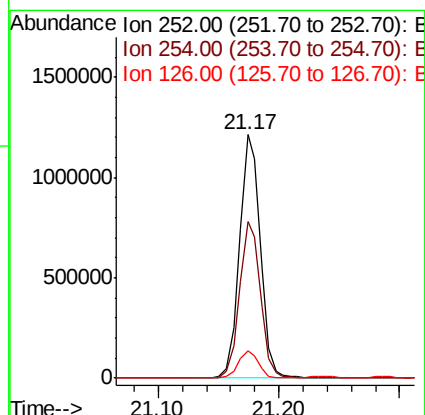
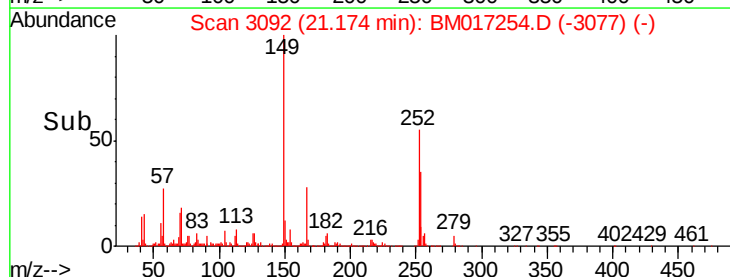
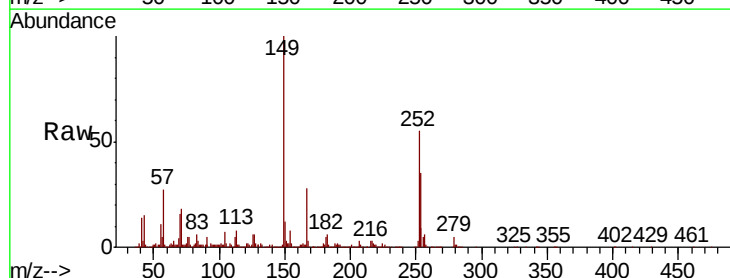
Tgt Ion:252 Resp: 1459849

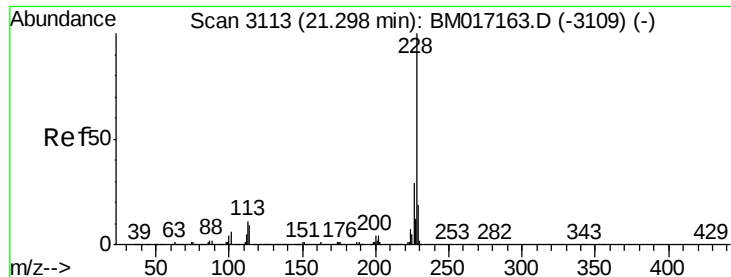
Ion	Ratio	Lower	Upper
252	100		
254	64.2	52.1	78.1
126	11.2	8.6	12.8

252 100

254 64.2 52.1 78.1

126 11.2 8.6 12.8

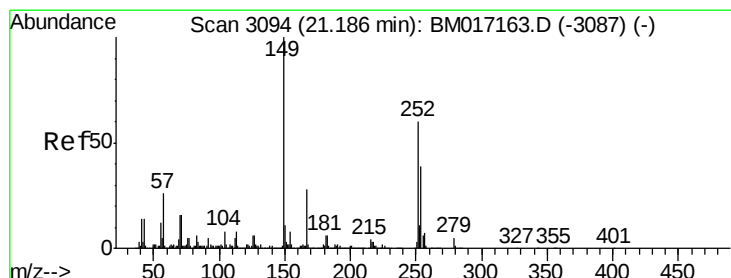
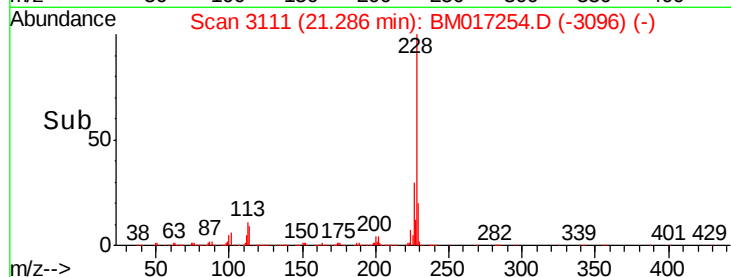
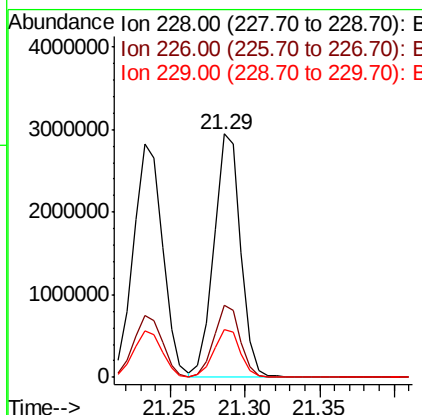
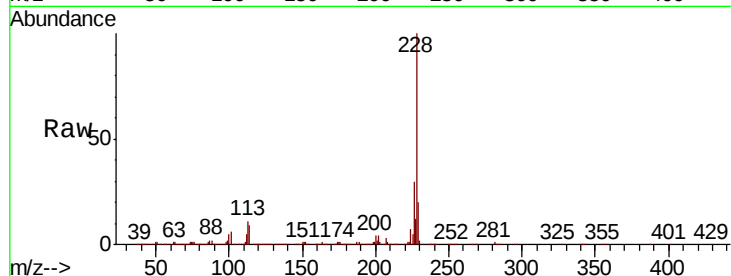




#83
 Chrvsene
 Concen: 39.315 ng
 RT: 21.29 min Scan# 3111
 Delta R.T. -0.01 min
 Lab File: BM017254.D
 Acq: 20 Oct 2018 07:13

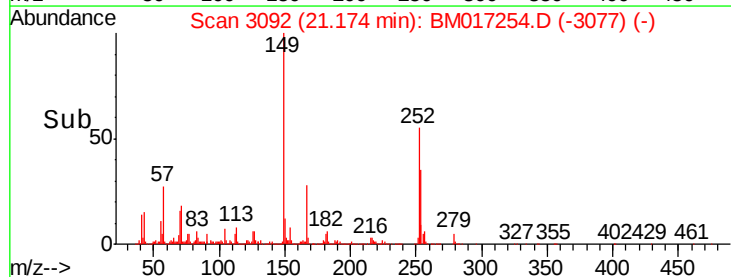
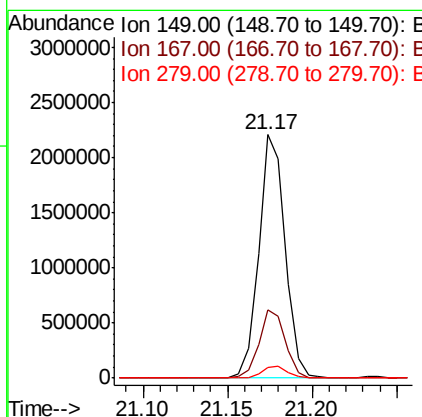
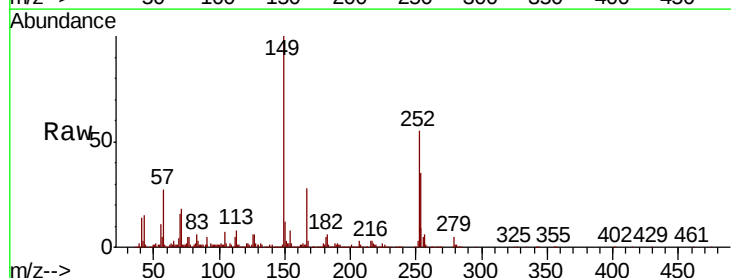
Instrument :
 BNA_M
 ClientSampleId :

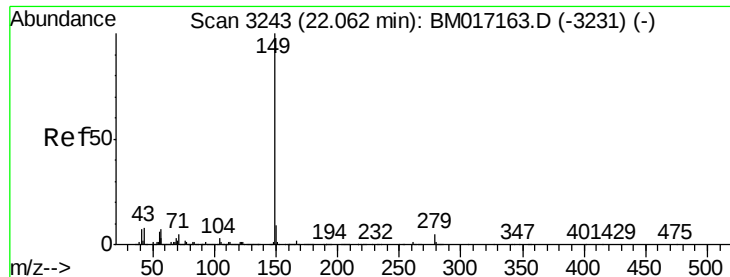
Tot Ion:228 Resp: 3676841
 Ion Ratio Lower Upper
 228 100
 226 29.5 23.3 34.9
 229 19.6 15.6 23.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.906 ng
 RT: 21.17 min Scan# 3092
 Delta R.T. -0.01 min
 Lab File: BM017254.D
 Acq: 20 Oct 2018 07:13

Tgt Ion:149 Resp: 2371063
 Ion Ratio Lower Upper
 149 100
 167 28.2 22.2 33.4
 279 4.5 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 40.011 ng

RT: 22.05 min Scan# 3241

Delta R.T. -0.01 min

Lab File: BM017254.D

Acq: 20 Oct 2018 07:13

Instrument :

BNA_M

ClientSampleId :

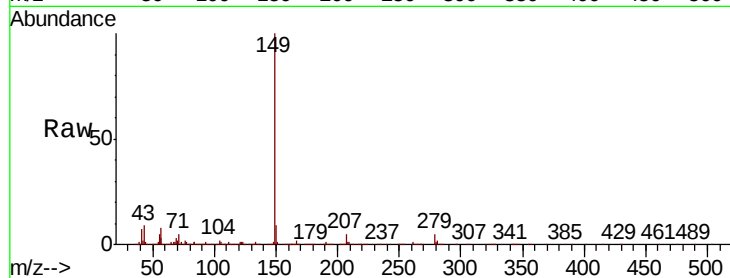
Tot Ion:149 Resp: 3606365

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

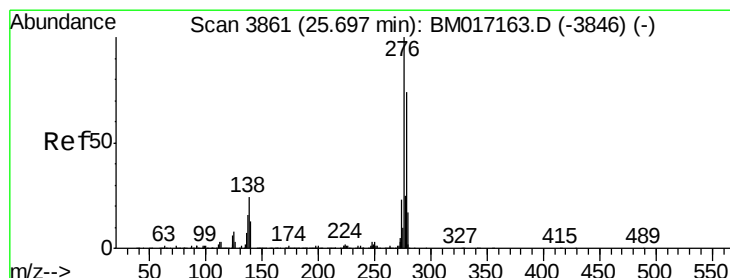
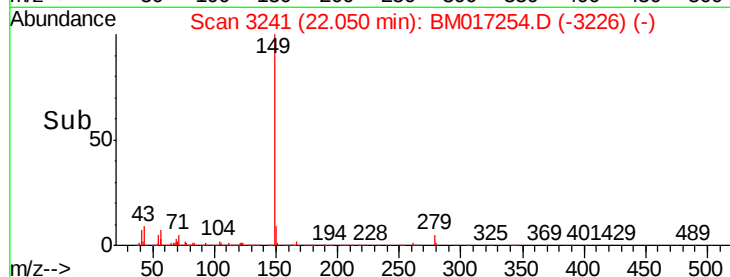
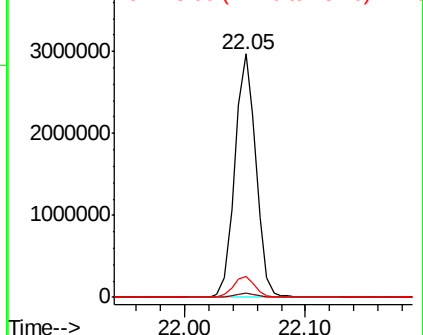
43 8.9 7.2 10.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 34.090 ng

RT: 25.67 min Scan# 3857

Delta R.T. -0.02 min

Lab File: BM017254.D

Acq: 20 Oct 2018 07:13

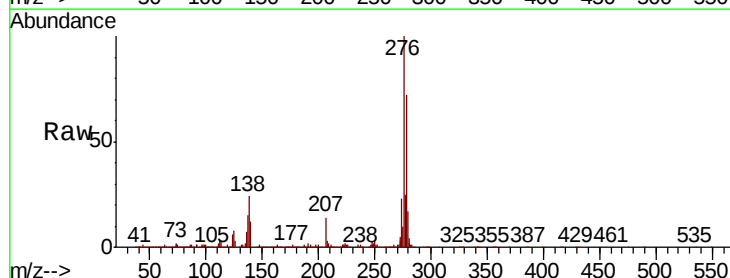
Tgt Ion:276 Resp: 3565947

Ion Ratio Lower Upper

276 100

138 23.3 19.5 29.3

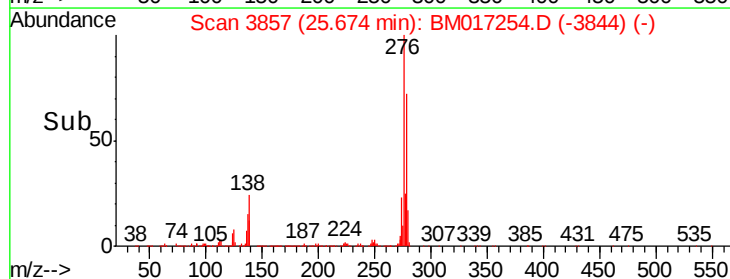
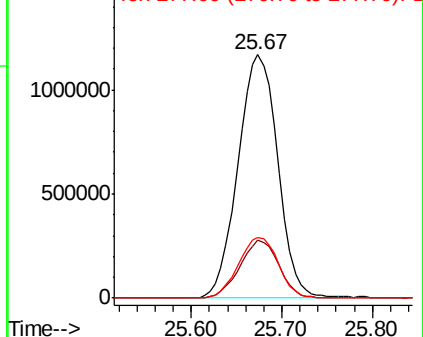
277 25.1 20.1 30.1

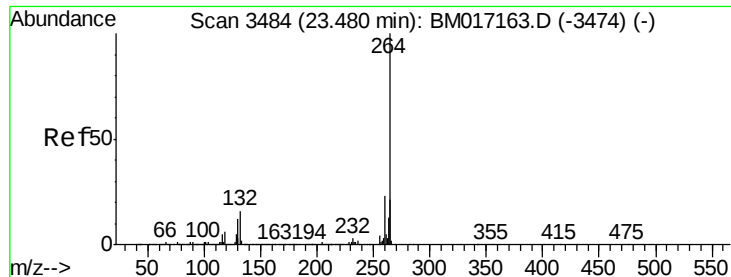


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



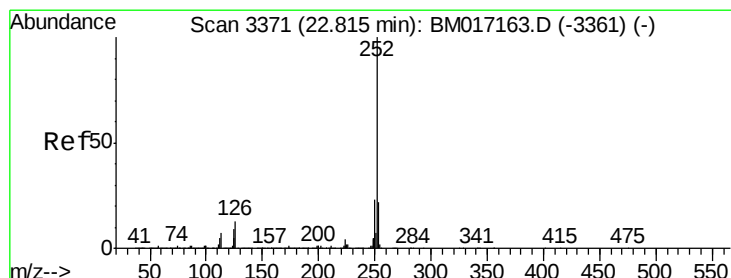
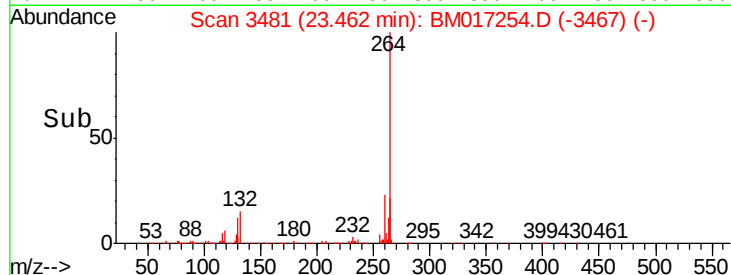
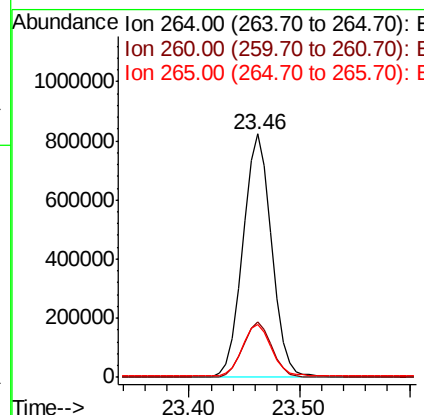
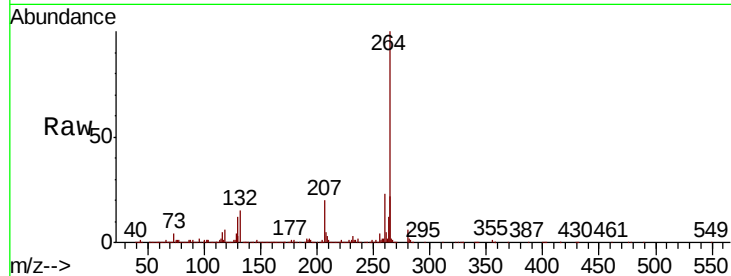


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3481
Delta R.T. -0.02 min
Lab File: BM017254.D
Acq: 20 Oct 2018 07:13

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 1511848

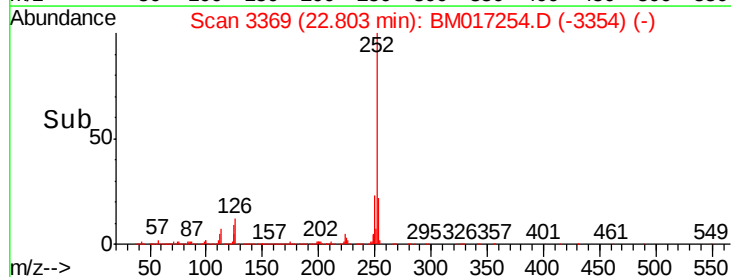
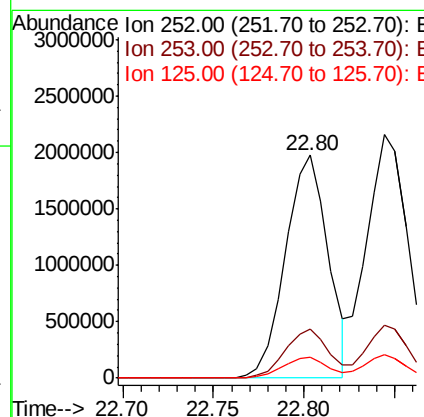
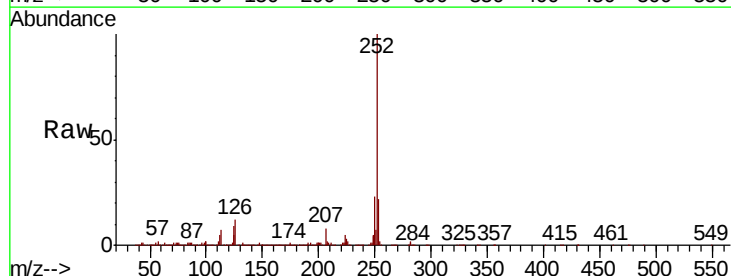
Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.6	27.8
265	21.9	17.8	26.8

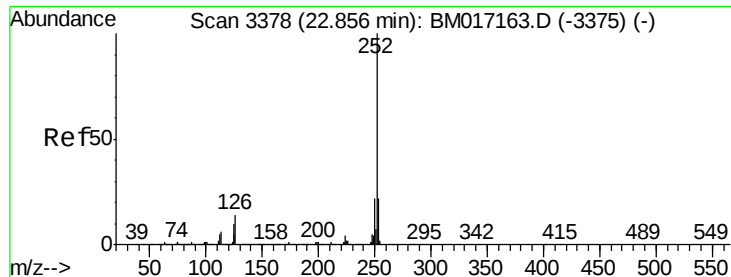


#88
Benzo(b)fluoranthene
Concen: 39.350 ng
RT: 22.80 min Scan# 3369
Delta R.T. -0.01 min
Lab File: BM017254.D
Acq: 20 Oct 2018 07:13

Tgt Ion:252 Resp: 3252596

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	9.4	7.5	11.3

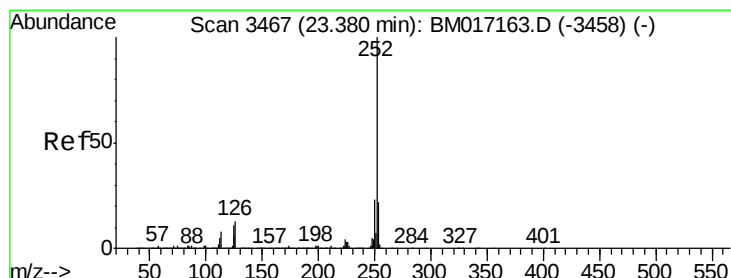
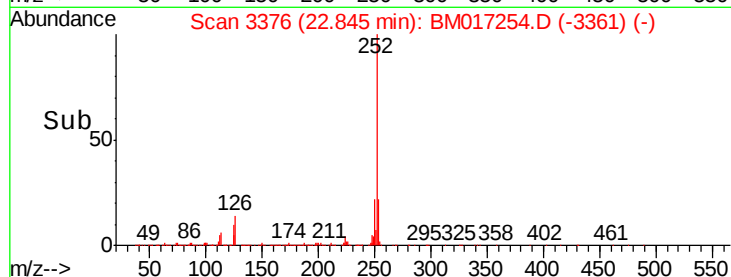
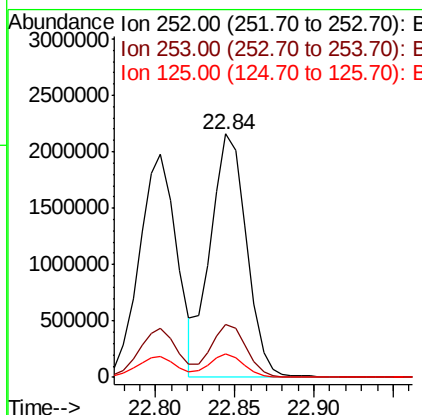
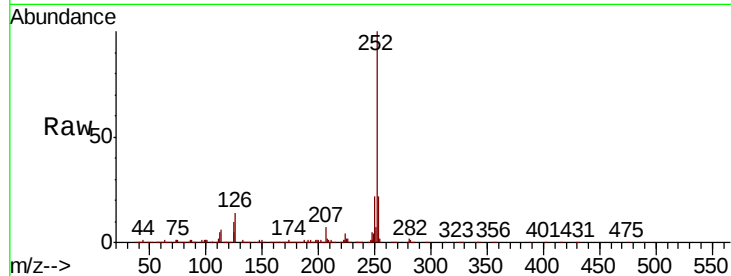




#89
Benzo(k)fluoranthene
Concen: 41.080 ng
RT: 22.84 min Scan# 3376
Delta R.T. -0.01 min
Lab File: BM017254.D
Acq: 20 Oct 2018 07:13

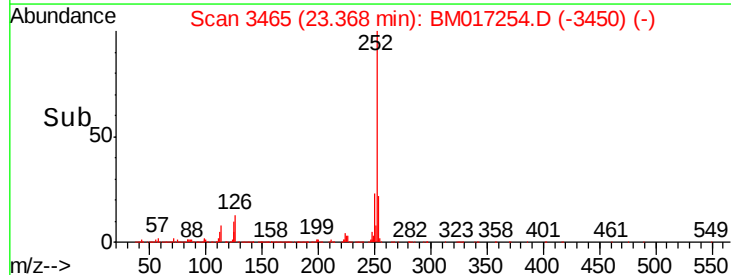
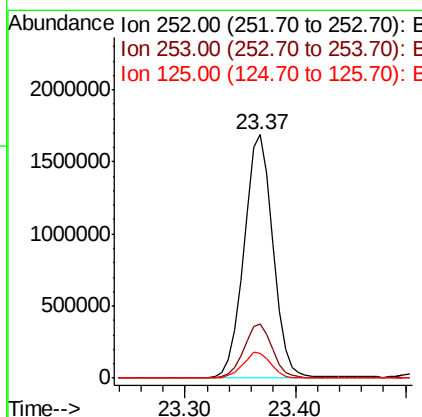
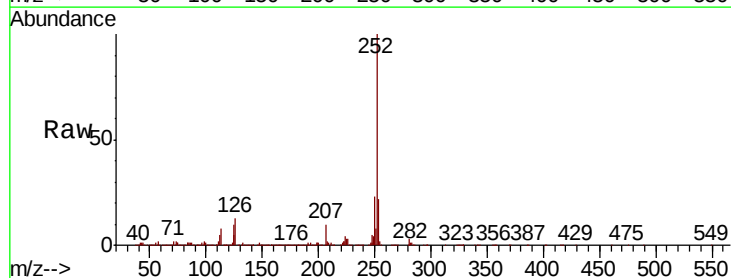
Instrument :
BNA_M
ClientSampled :

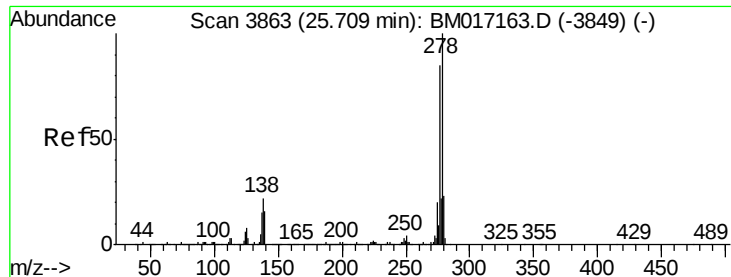
Tot Ion:252 Resp: 3407251
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 9.6 8.2 12.2



#90
Benzo(a)pyrene
Concen: 39.611 ng
RT: 23.37 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BM017254.D
Acq: 20 Oct 2018 07:13

Tgt Ion:252 Resp: 3108707
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 10.1 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 38.678 ng

RT: 25.69 min Scan# 3859

Delta R.T. -0.02 min

Lab File: BM017254.D

Acq: 20 Oct 2018 07:13

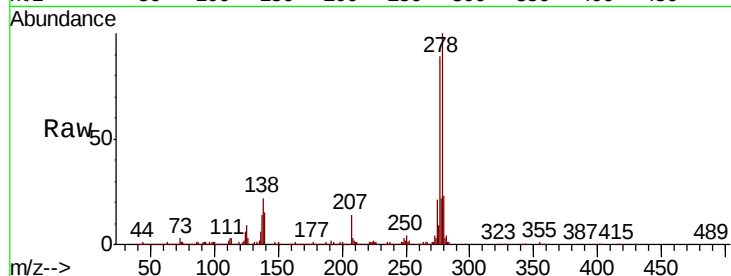
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 3014170

Ion	Ratio	Lower	Upper
278	100		
139	15.1	12.7	19.1
279	23.3	18.7	28.1

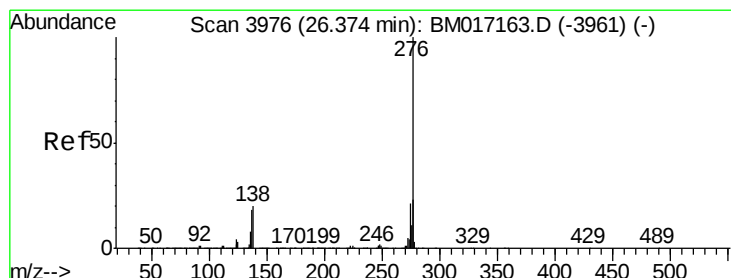
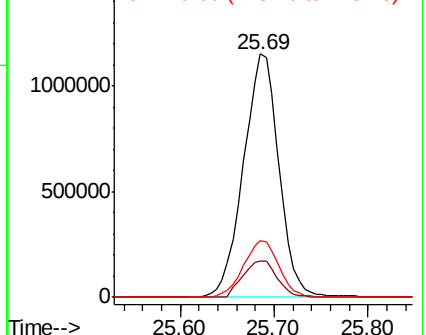
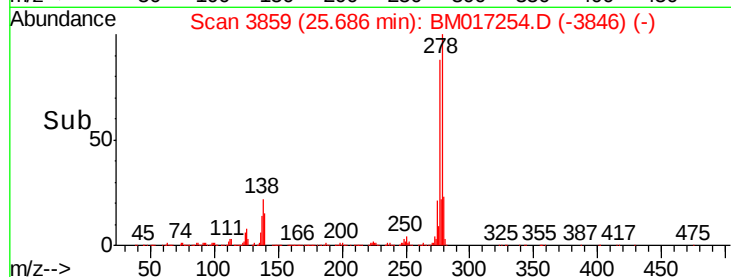


Abundance

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: 38.316 ng

RT: 26.35 min Scan# 3972

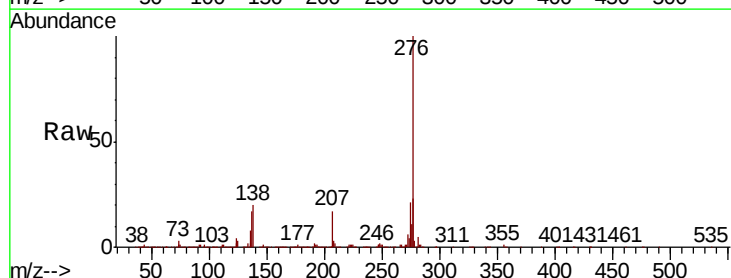
Delta R.T. -0.02 min

Lab File: BM017254.D

Acq: 20 Oct 2018 07:13

Tgt Ion:276 Resp: 2959447

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	28.0
138	19.7	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

