

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101918\
 Data File : BM017236.D
 Acq On : 19 Oct 2018 18:52
 Operator : MJ/SJ
 Sample : PB113945BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 20 03:52:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	318649	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	1374536	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	780193	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1578046	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	1257354	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1026342	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	2686292	142.58	ng	0.00
7) Phenol-d6	6.86	99	3501078	136.45	ng	0.00
23) Nitrobenzene-d5	8.82	82	1931824	82.20	ng	-0.01
42) 2,4,6-Tribromophenol	15.80	330	1333892	126.42	ng	-0.01
45) 2-Fluorobiphenyl	12.93	172	4793188	81.74	ng	0.00
79) Terphenyl-d14	19.70	244	4213922	75.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.27	88	284416	29.564	ng	# 85
3) Pyridine	3.65	79	812377	36.699	ng	# 84
4) n-Nitrosodimethylamine	3.56	42	390809	43.979	ng	# 68
6) Aniline	7.01	93	1225057	38.170	ng	97
8) 2-Chlorophenol	7.24	128	980861	45.002	ng	97
9) Benzaldehyde	6.82	77	418972	25.609	ng	96
10) Phenol	6.88	94	1188771	43.047	ng	98
11) bis(2-Chloroethyl)ether	7.11	93	858475	38.997	ng	98
12) 1,3-Dichlorobenzene	7.56	146	1015211	39.957	ng	97
13) 1,4-Dichlorobenzene	7.70	146	1033618	39.818	ng	96
14) 1,2-Dichlorobenzene	8.02	146	981194	39.231	ng	97
15) Benzyl Alcohol	7.92	79	845199	45.064	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.20	45	1174856	38.200	ng	99
17) 2-Methylphenol	8.11	107	802103	45.252	ng	96
18) Hexachloroethane	8.73	117	370962	41.758	ng	97
19) n-Nitroso-di-n-propylamine	8.47	70	702925	41.604	ng	99
20) 3+4-Methylphenols	8.44	107	1088033	44.880	ng	97
22) Acetophenone	8.49	105	1411248	40.503	ng	99
24) Nitrobenzene	8.86	77	1046877	42.111	ng	95
25) Isophorone	9.39	82	1828382	47.113	ng	98
26) 2-Nitrophenol	9.57	139	498214	43.437	ng	95
27) 2,4-Dimethylphenol	9.63	122	899817	52.435	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	1185578	43.403	ng	98
29) 2,4-Dichlorophenol	10.09	162	937620	47.059	ng	99
30) 1,2,4-Trichlorobenzene	10.30	180	968539	40.522	ng	99
31) Naphthalene	10.49	128	2898569	43.031	ng	99
32) Benzoic acid	9.79	122	551458	43.069	ng	89
33) 4-Chloroaniline	10.61	127	589957	20.279	ng	98
34) Hexachlorobutadiene	10.77	225	594922	39.283	ng	98
35) Caprolactam	11.41	113	151653	20.885	ng	95
36) 4-Chloro-3-methylphenol	11.74	107	979182	43.599	ng	97
37) 2-Methylnaphthalene	12.11	142	2177487	47.239	ng	98
38) 1-Methylnaphthalene	12.33	142	2057028	45.851	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	1143576	41.621	ng	# 98

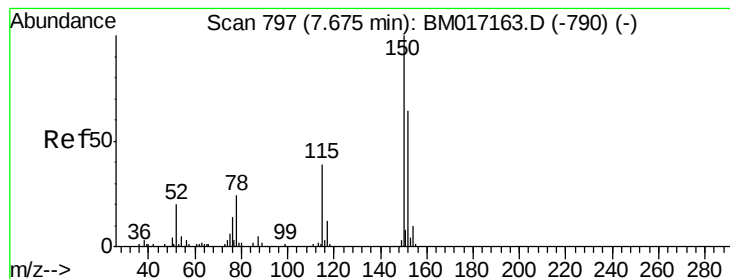
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101918\
 Data File : BM017236.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	1657505	124.787	ng	98
43) 2,4,6-Trichlorophenol	12.73	196	743066	46.588	ng	100
44) 2,4,5-Trichlorophenol	12.80	196	785236	45.911	ng	96
46) 1,1'-Biphenyl	13.14	154	2808427	40.001	ng	99
47) 2-Chloronaphthalene	13.17	162	2136450	41.363	ng	99
48) 2-Nitroaniline	13.39	65	594575	41.605	ng	96
49) Acenaphthylene	14.03	152	3392913	45.319	ng	99
50) Dimethylphthalate	13.77	163	2514021	41.766	ng	99
51) 2,6-Dinitrotoluene	13.90	165	548002	41.365	ng	98
52) Acenaphthene	14.37	154	1975420	42.023	ng	98
53) 3-Nitroaniline	14.23	138	359541	25.058	ng	96
54) 2,4-Dinitrophenol	14.43	184	589924	76.325	ng	97
55) Dibenzofuran	14.71	168	3148057	40.271	ng	98
56) 4-Nitrophenol	14.54	139	906367	69.941	ng	91
57) 2,4-Dinitrotoluene	14.69	165	745690	41.879	ng	# 97
58) Fluorene	15.36	166	2486107	42.967	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	702002	45.028	ng	97
60) Diethylphthalate	15.15	149	2455467	41.134	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	1287404	39.028	ng	98
62) 4-Nitroaniline	15.40	138	529604	34.553	ng	95
63) Azobenzene	15.66	77	2404642	41.444	ng	99
65) 4,6-Dinitro-2-methylphenol	15.45	198	409696	41.534	ng	97
66) n-Nitrosodiphenylamine	15.58	169	2167963	45.409	ng	99
67) 4-Bromophenyl-phenylether	16.26	248	807203	46.586	ng	96
68) Hexachlorobenzene	16.36	284	858080	42.633	ng	99
69) Atrazine	16.54	200	747983	43.773	ng	97
70) Pentachlorophenol	16.71	266	978746	70.987	ng	99
71) Phenanthrene	17.10	178	3679346	43.215	ng	100
72) Anthracene	17.19	178	3753373	46.396	ng	99
73) Carbazole	17.47	167	3150701	38.126	ng	100
74) Di-n-butylphthalate	18.04	149	3683686	42.263	ng	99
75) Fluoranthene	19.12	202	3770787	39.359	ng	100
77) Benzidine	19.32	184	1683847	52.815	ng	98
78) Pyrene	19.49	202	3786425	53.881	ng	100
80) Butylbenzylphthalate	20.40	149	1328354	49.424	ng	94
81) Benzo(a)anthracene	21.23	228	3158954	44.645	ng	100
82) 3,3'-Dichlorobenzidine	21.17	252	713389	27.052	ng	99
83) Chrysene	21.29	228	2967199	42.368	ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	1815075	44.765	ng	100
85) Di-n-octyl phthalate	22.05	149	2758935	40.755	ng	100
86) Indeno(1,2,3-cd)pyrene	25.67	276	2695672	34.413	ng	98
88) Benzo(b)fluoranthene	22.80	252	2612703	46.561	ng	99
89) Benzo(k)fluoranthene	22.84	252	2685183	47.689	ng	99
90) Benzo(a)pyrene	23.37	252	2479916	46.546	ng	99
91) Dibenzo(a,h)anthracene	25.69	278	2279936	43.096	ng	99
92) Benzo(g,h,i)perylene	26.35	276	2244156	42.800	ng	99

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

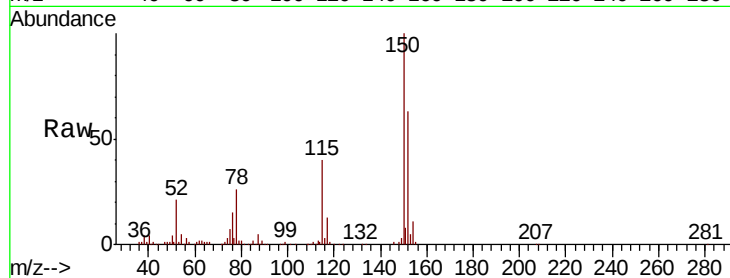


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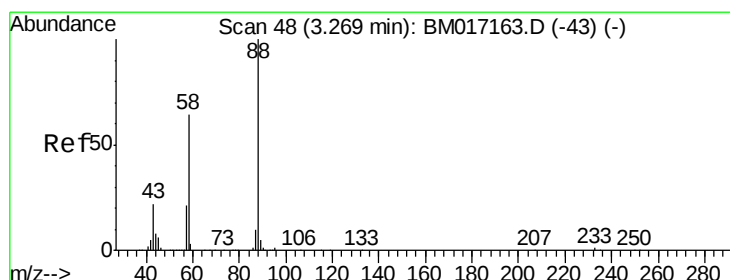
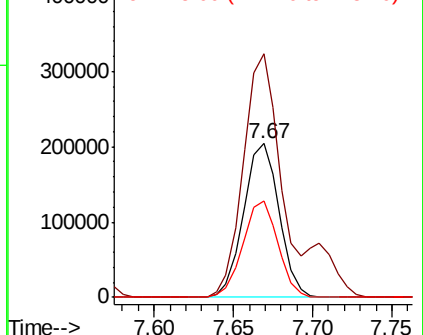
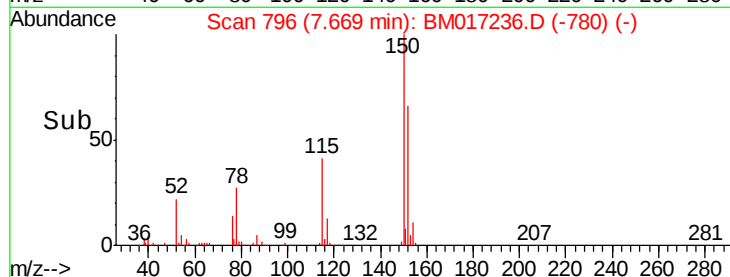
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 318649
Ion Ratio Lower Upper
152 100
150 158.7 124.3 186.5
115 62.7 48.1 72.1



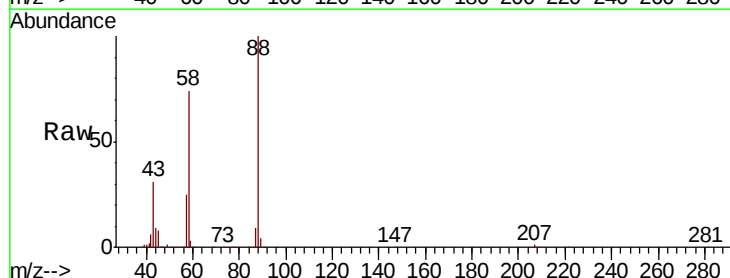
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



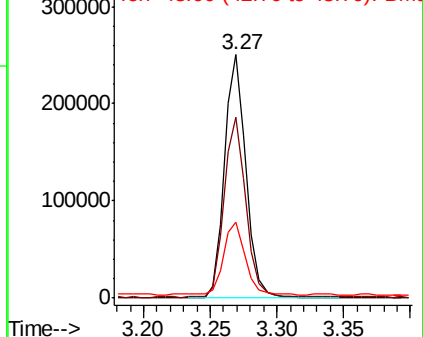
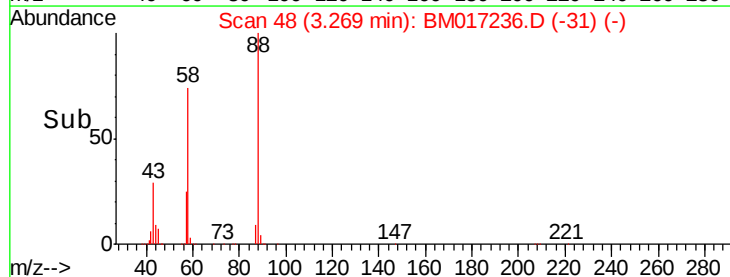
#2

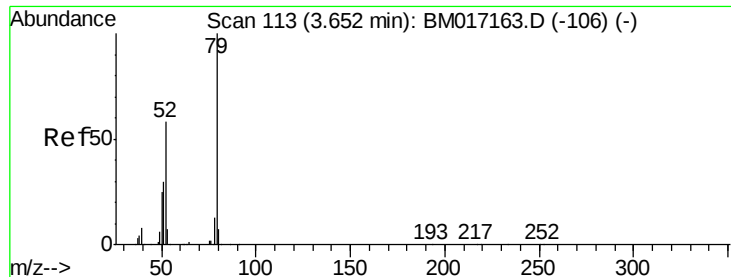
1,4-Dioxane
Concen: 29.564 ng
RT: 3.27 min Scan# 48
Delta R.T. -0.00 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Tgt Ion: 88 Resp: 284416
Ion Ratio Lower Upper
88 100
58 74.6 50.2 75.4
43 30.5 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: 36.699 ng

RT: 3.65 min Scan# 112

Delta R.T. -0.01 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

Instrument :

BNA_M

ClientSampleId :

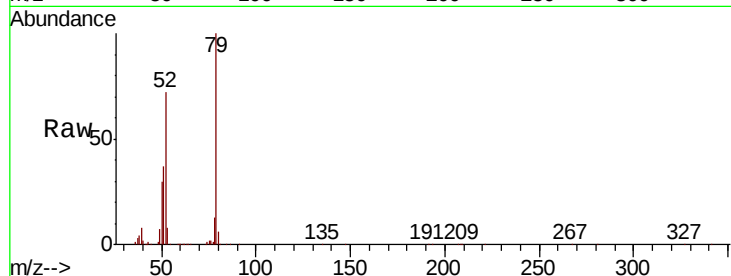
Tot Ion: 79 Resp: 812377

Ion Ratio Lower Upper

79 100

52 71.5 46.5 69.7#

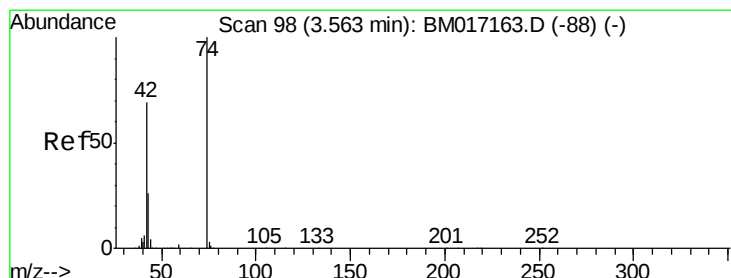
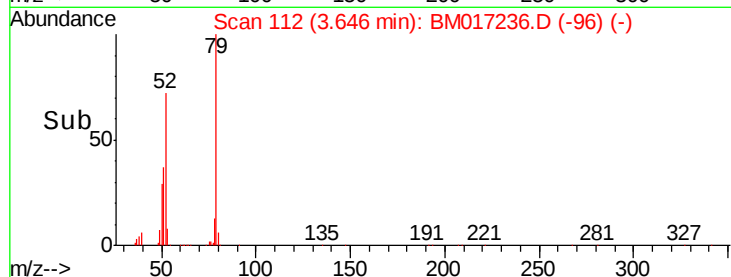
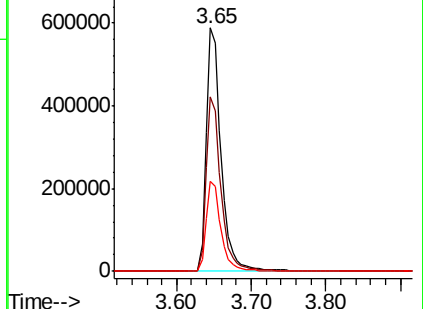
51 37.0 24.6 37.0#



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: 43.979 ng

RT: 3.56 min Scan# 98

Delta R.T. -0.00 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

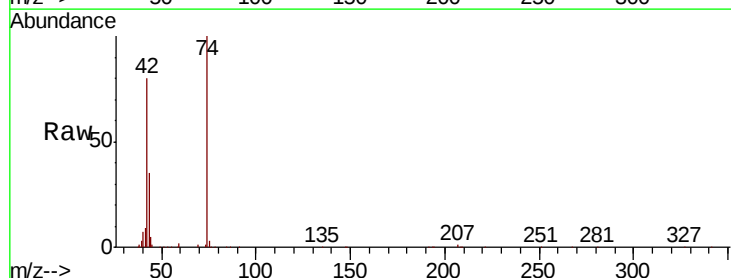
Tgt Ion: 42 Resp: 390809

Ion Ratio Lower Upper

42 100

74 124.3 114.4 171.6

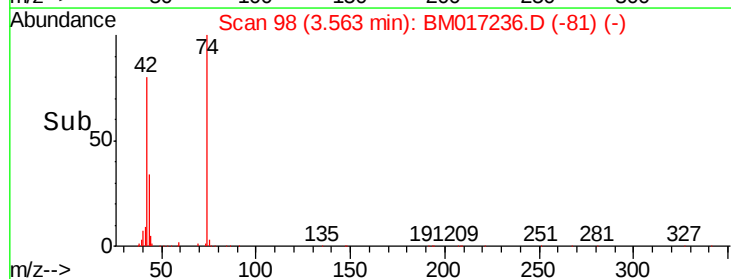
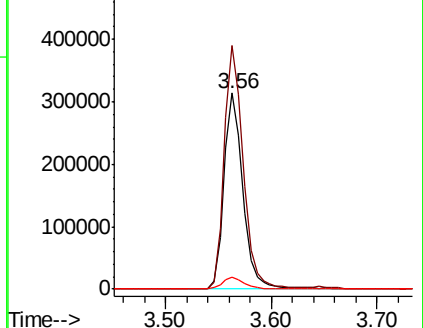
44 6.2 48.6 73.0#

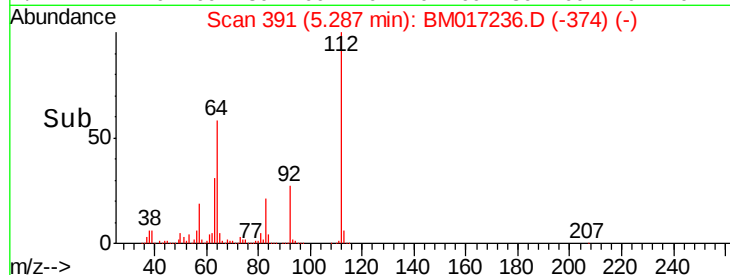
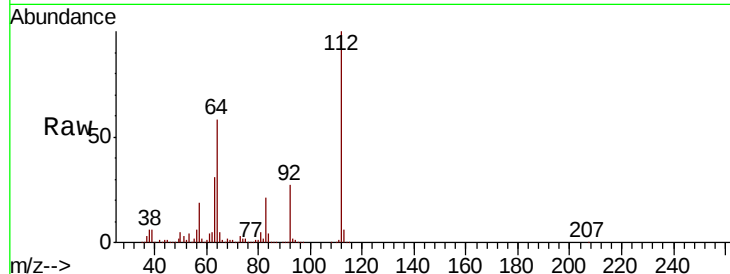
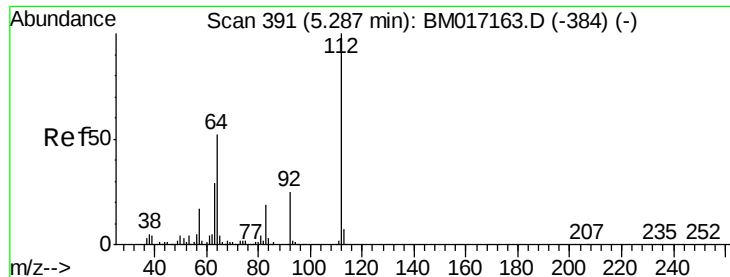


Abundance Ion 42.00 (41.70 to 42.70): BM017163.D (-88) (-)

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: 142.584 ng

RT: 5.29 min Scan# 391

Delta R.T. 0.00 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

Instrument :

BNA_M

ClientSampleId :

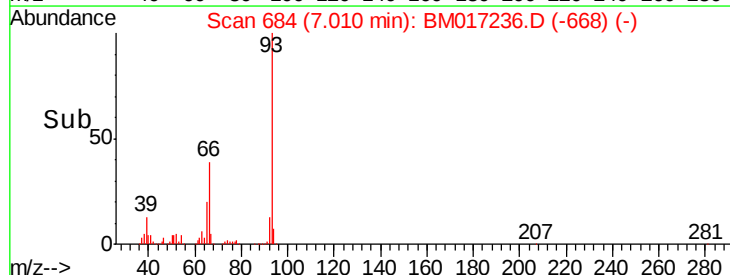
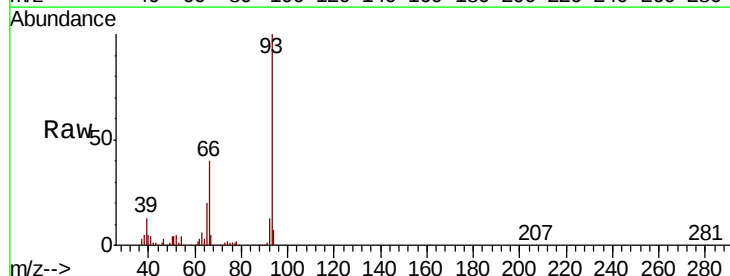
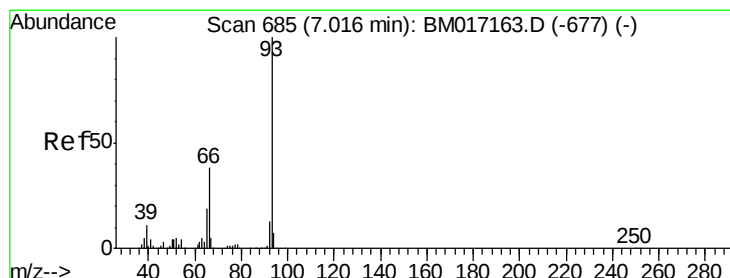
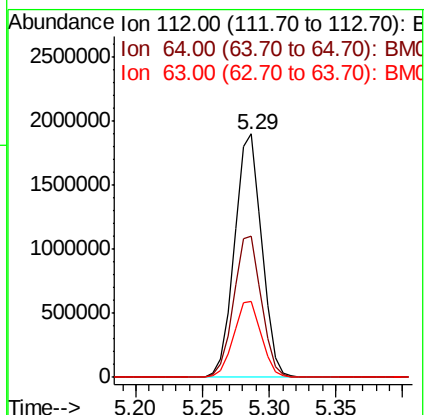
Tot Ion:112 Resp: 2686292

Ion Ratio Lower Upper

112 100

64 57.9 41.7 62.5

63 31.0 23.0 34.4



#6

Aniline

Concen: 38.170 ng

RT: 7.01 min Scan# 684

Delta R.T. -0.01 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

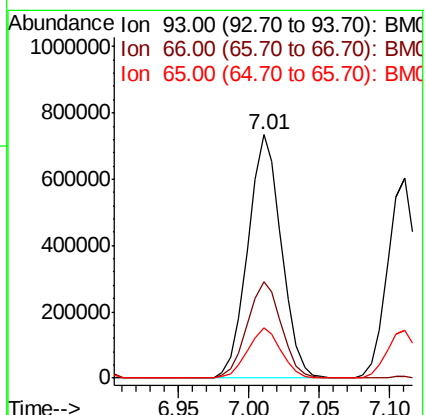
Tgt Ion: 93 Resp: 1225057

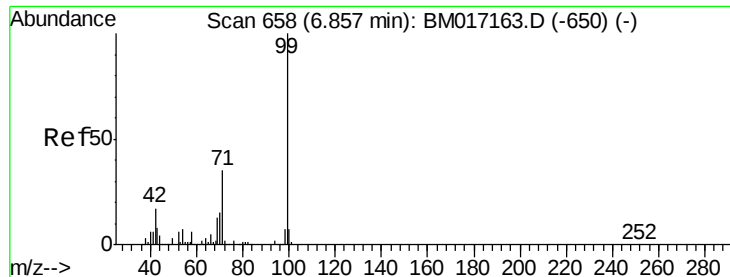
Ion Ratio Lower Upper

93 100

66 39.7 30.4 45.6

65 20.4 15.3 22.9





#7

Phenol-d6

Concen: 136.446 ng

RT: 6.86 min Scan# 658

Delta R.T. -0.00 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

Instrument :

BNA_M

ClientSampled :

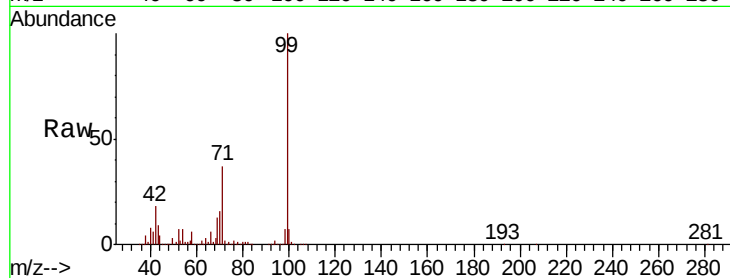
Tot Ion: 99 Resp: 3501078

Ion Ratio Lower Upper

99 100

42 18.4 13.3 19.9

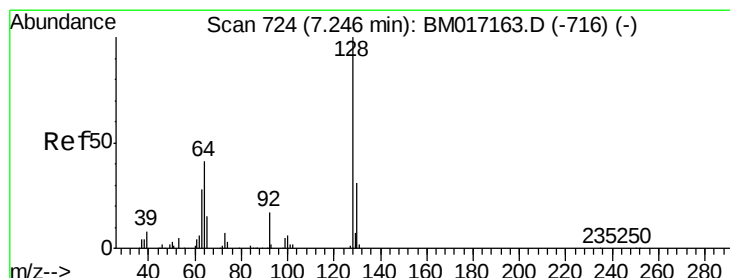
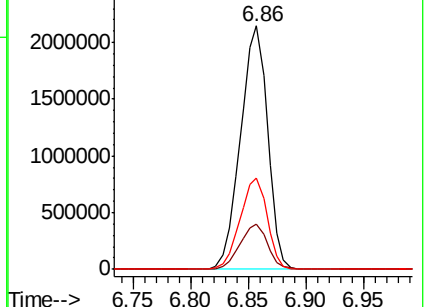
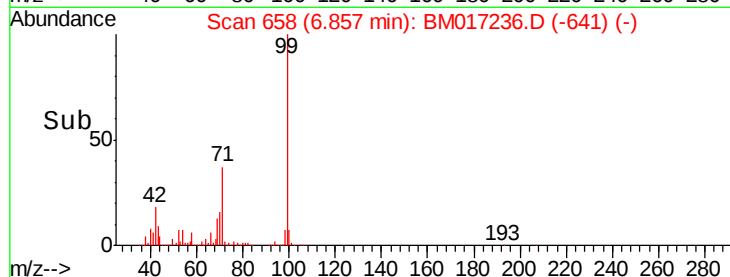
71 37.4 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017236.D (-650) (-)

Ion 42.00 (41.70 to 42.70): BM017236.D (-650) (-)

Ion 71.00 (70.70 to 71.70): BM017236.D (-650) (-)



#8

2-Chlorophenol

Concen: 45.002 ng

RT: 7.24 min Scan# 723

Delta R.T. -0.01 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

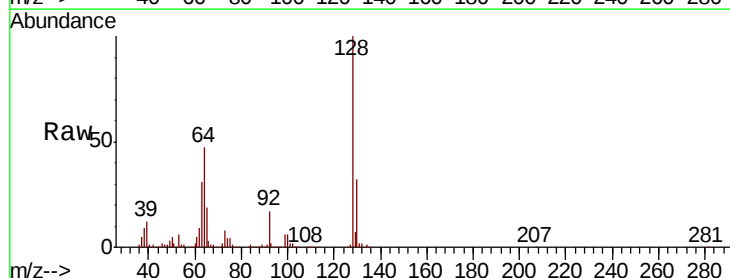
Tgt Ion: 128 Resp: 980861

Ion Ratio Lower Upper

128 100

130 32.2 11.0 51.0

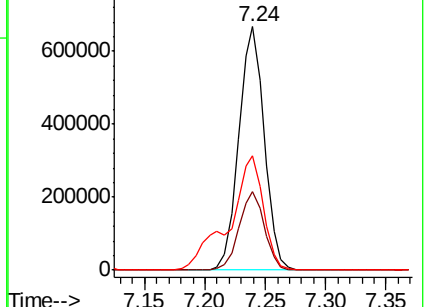
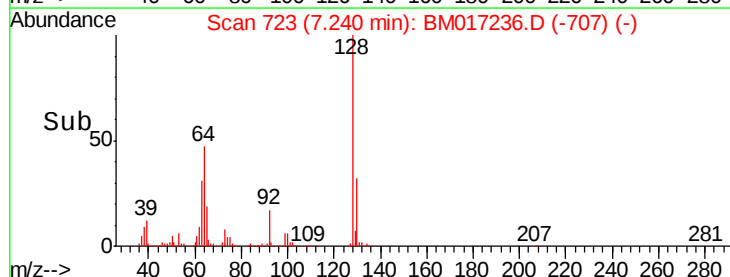
64 46.8 24.1 64.1

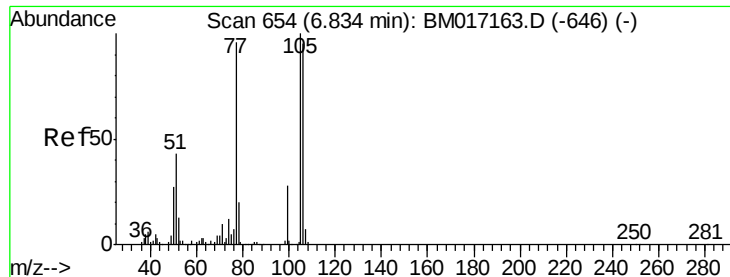


Abundance Ion 128.00 (127.70 to 128.70): BM017236.D (-716) (-)

Ion 130.00 (129.70 to 130.70): BM017236.D (-716) (-)

Ion 64.00 (63.70 to 64.70): BM017236.D (-716) (-)





#9

Benzaldehyde

Concen: 25.609 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

Instrument :

BNA_M

ClientSampleId :

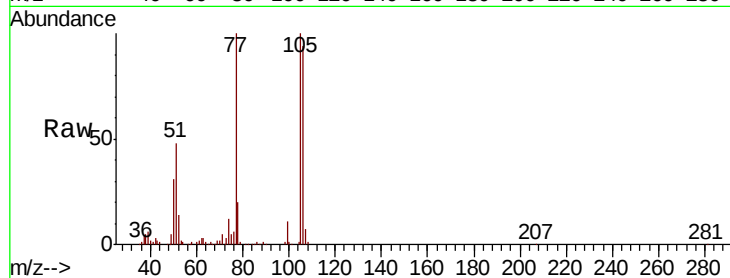
Tot Ion: 77 Resp: 418972

Ion Ratio Lower Upper

77 100

105 100.4 83.9 123.9

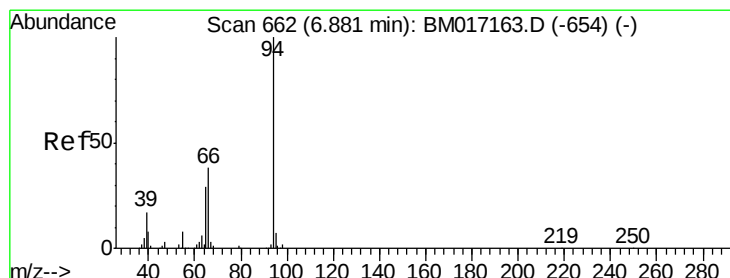
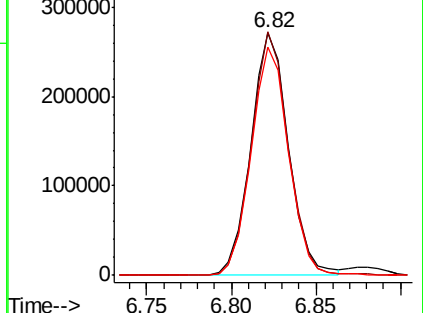
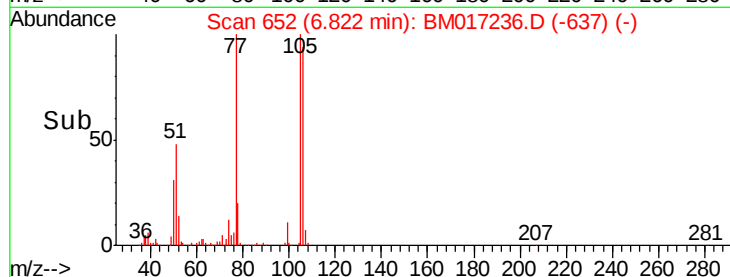
106 94.1 78.2 118.2



Abundance Ion 77.00 (76.70 to 77.70): BM017236.D (-637) (-)

Ion 105.00 (104.70 to 105.70): BM017236.D (-637) (-)

Ion 106.00 (105.70 to 106.70): BM017236.D (-637) (-)



#10

Phenol

Concen: 43.047 ng

RT: 6.88 min Scan# 662

Delta R.T. -0.00 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

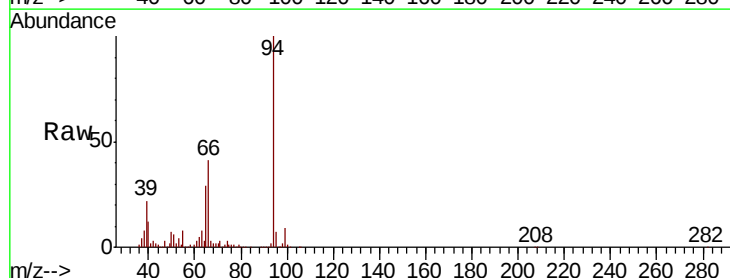
Tgt Ion: 94 Resp: 1188771

Ion Ratio Lower Upper

94 100

65 29.4 9.4 49.4

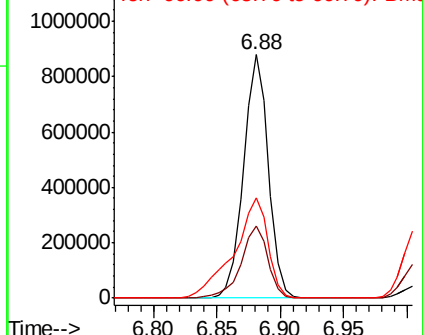
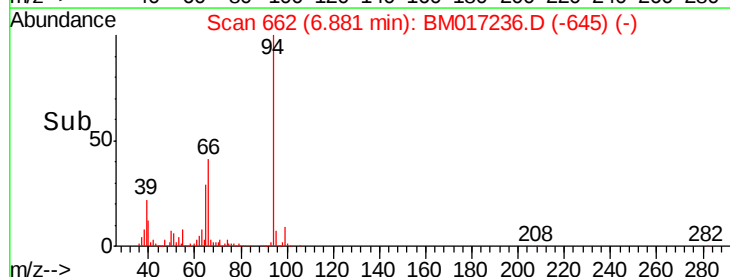
66 41.1 19.0 59.0

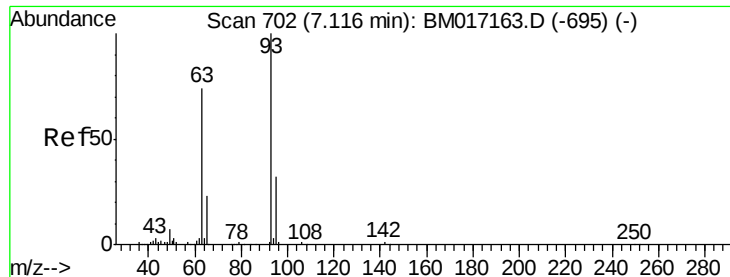


Abundance Ion 94.00 (93.70 to 94.70): BM017236.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BM017236.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BM017236.D (-645) (-)

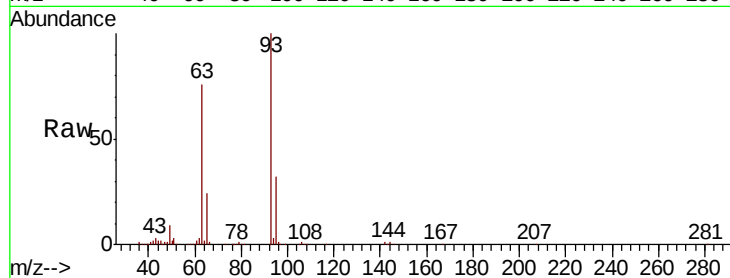




#11
bis(2-Chloroethyl)ether
Concen: 38.997 ng
RT: 7.11 min Scan# 701
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.9	54.0	94.0
95	31.9	11.8	51.8

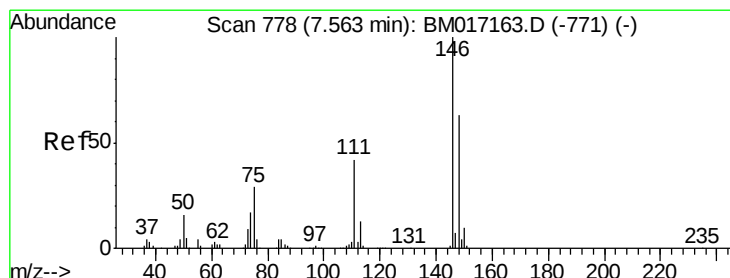
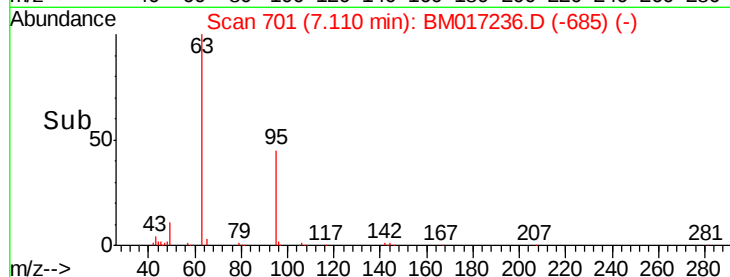
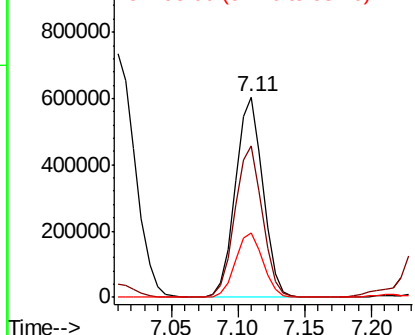


Abundance

Ion 93.00 (92.70 to 93.70): BM017163.D (-695) (-)

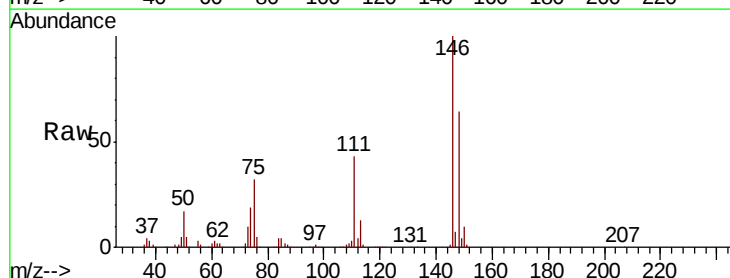
Ion 63.00 (62.70 to 63.70): BM017163.D (-695) (-)

Ion 95.00 (94.70 to 95.70): BM017163.D (-695) (-)



#12
1,3-Dichlorobenzene
Concen: 39.957 ng
RT: 7.56 min Scan# 777
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.2	75.4
75	32.4	23.3	34.9

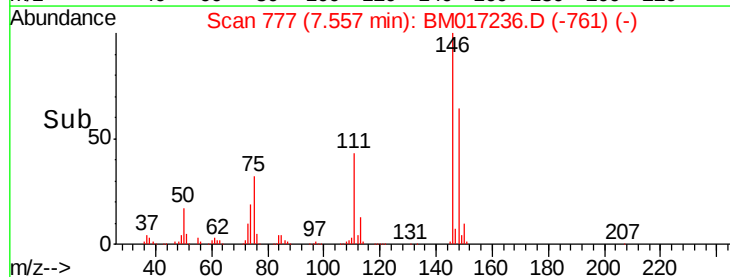
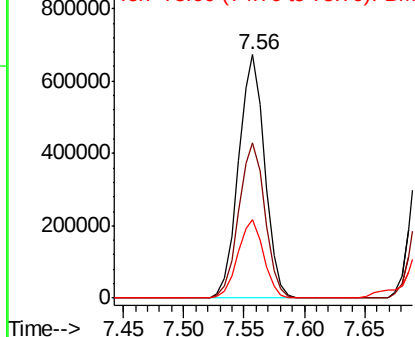


Abundance

Ion 146.00 (145.70 to 146.70): BM017163.D (-771) (-)

Ion 148.00 (147.70 to 148.70): BM017163.D (-771) (-)

Ion 75.00 (74.70 to 75.70): BM017163.D (-771) (-)





#13

1,4-Dichlorobenzene

Concen: 39.818 ng

RT: 7.70 min Scan# 802

Delta R.T. -0.01 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

Instrument :

BNA_M

ClientSampleId :

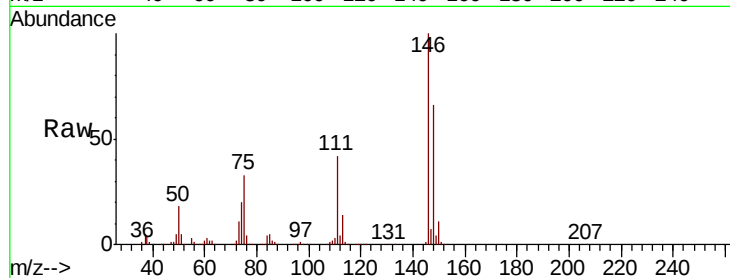
Tot Ion:146 Resp: 1033618

Ion Ratio Lower Upper

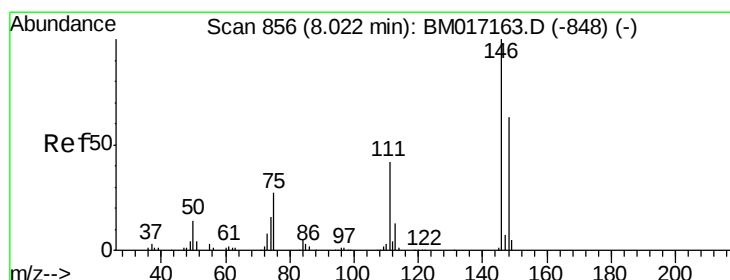
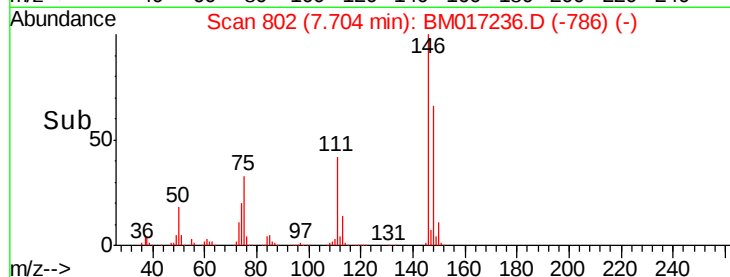
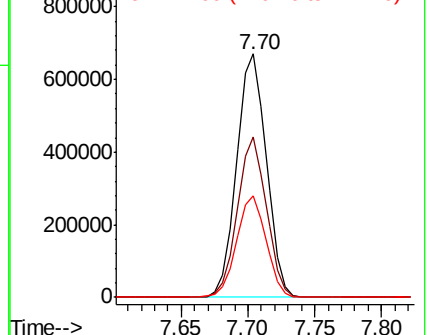
146 100

148 65.8 49.8 74.6

111 41.6 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: 39.231 ng

RT: 8.02 min Scan# 855

Delta R.T. -0.01 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

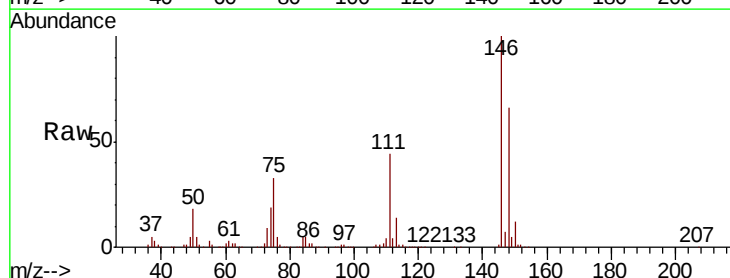
Tgt Ion:146 Resp: 981194

Ion Ratio Lower Upper

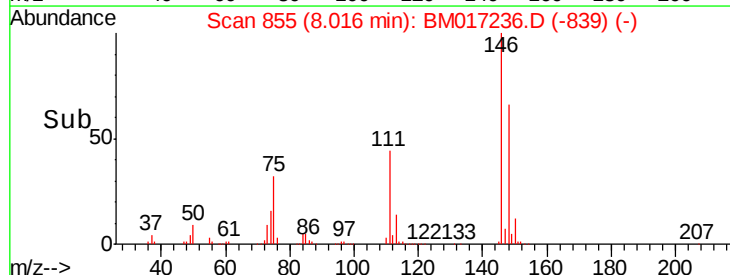
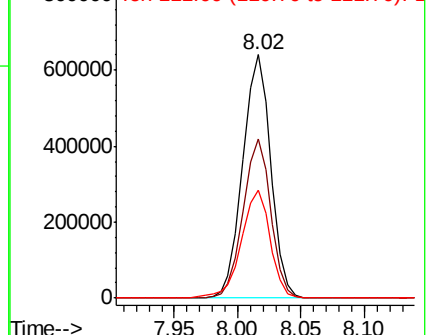
146 100

148 65.6 50.8 76.2

111 44.4 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: 45.064 ng

RT: 7.92 min Scan# 838

Delta R.T. -0.01 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

Instrument :

BNA_M

ClientSampleId :

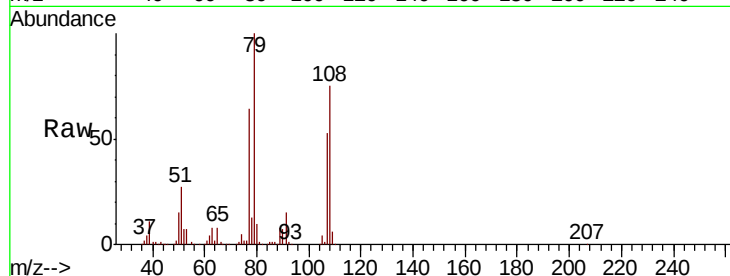
Tot Ion: 79 Resp: 845199

Ion Ratio Lower Upper

79 100

108 74.5 60.3 90.5

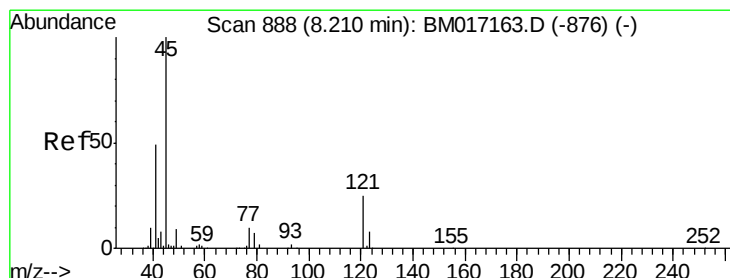
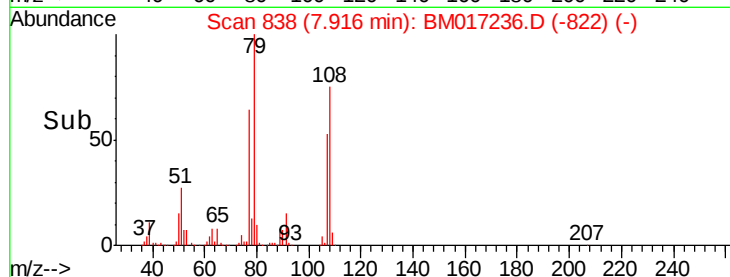
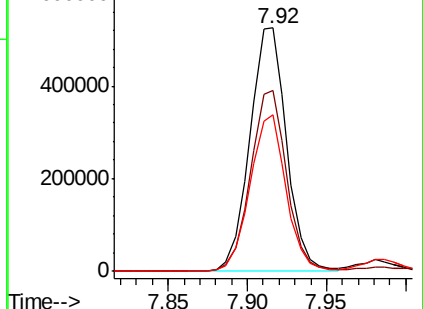
77 64.3 54.8 82.2



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: 38.200 ng

RT: 8.20 min Scan# 886

Delta R.T. -0.01 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

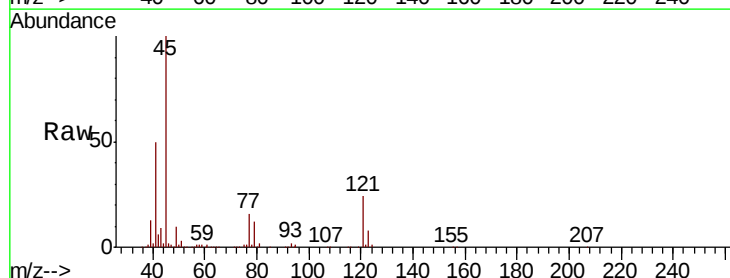
Tgt Ion: 45 Resp: 1174856

Ion Ratio Lower Upper

45 100

77 15.8 0.0 35.5

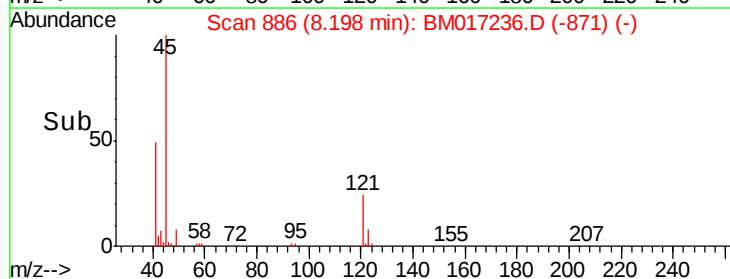
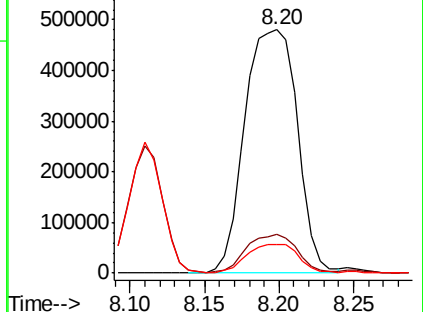
79 11.9 0.0 32.1



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) (-)

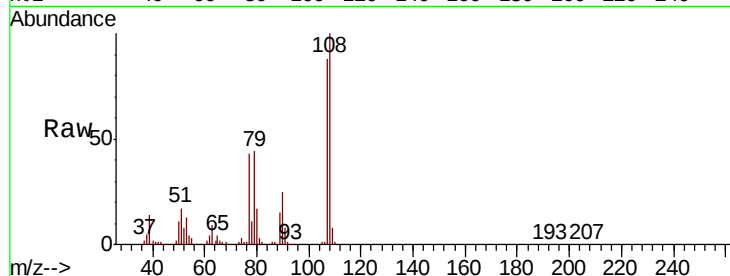




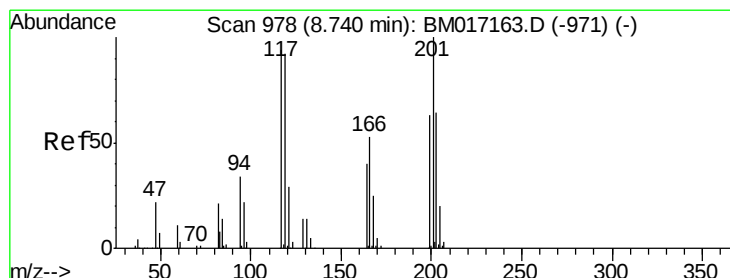
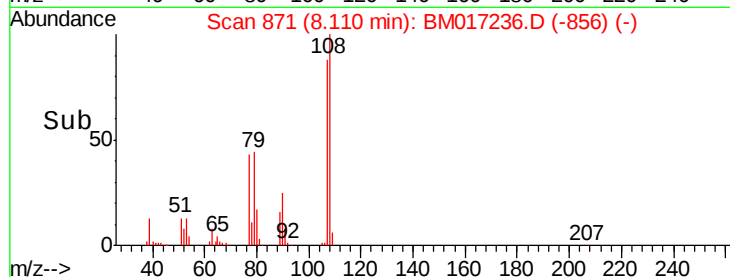
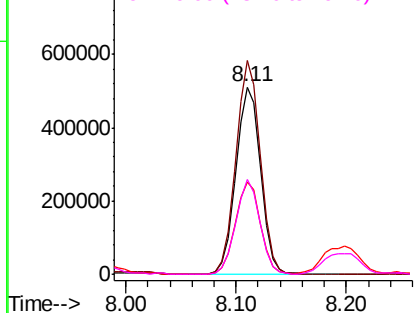
#17
2-Methylphenol
Concen: 45.252 ng
RT: 8.11 min Scan# 871
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	107	Resp:	802103
Ion	Ratio	Lower	Upper
107	100		
108	114.1	90.3	135.5
77	49.1	37.0	55.4
79	50.4	35.8	53.6

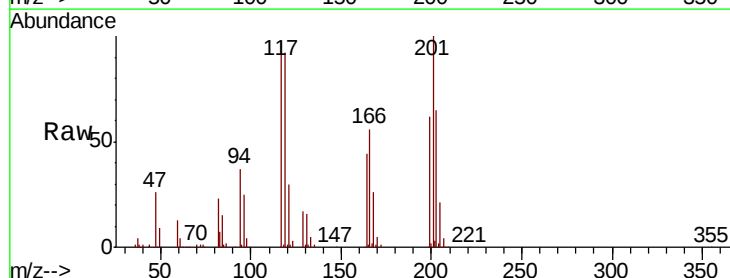


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

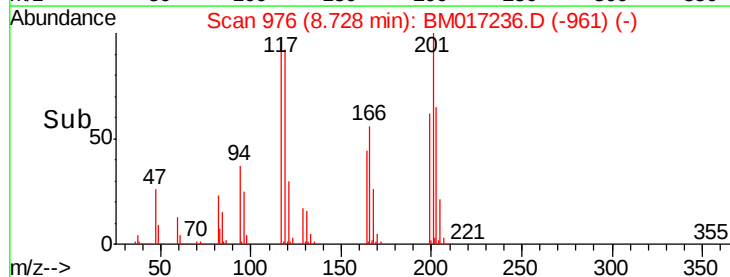
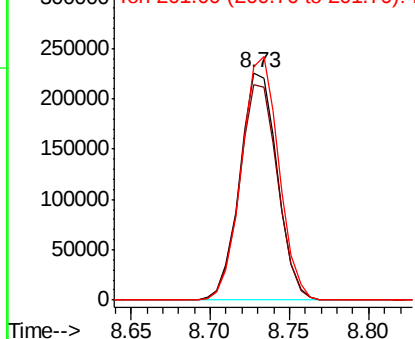


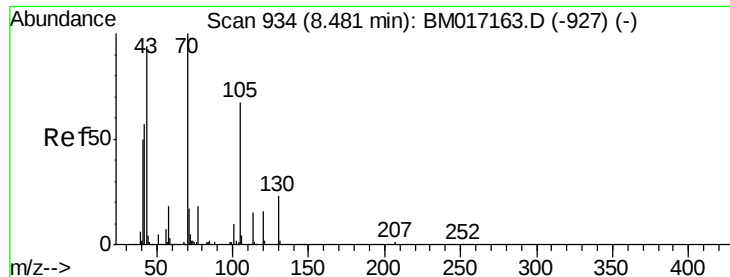
#18
Hexachloroethane
Concen: 41.758 ng
RT: 8.73 min Scan# 976
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Tgt Ion:	117	Resp:	370962
Ion	Ratio	Lower	Upper
117	100		
119	95.0	78.2	117.2
201	103.1	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

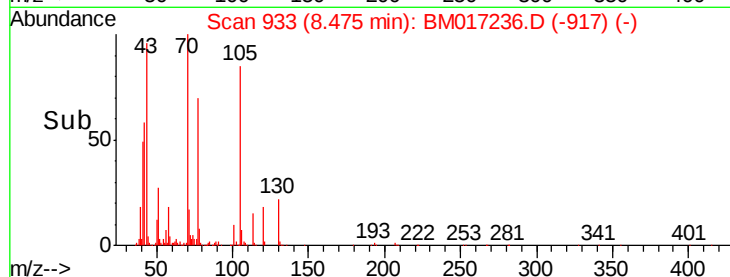
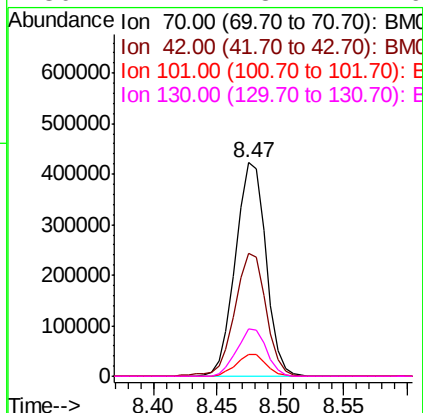
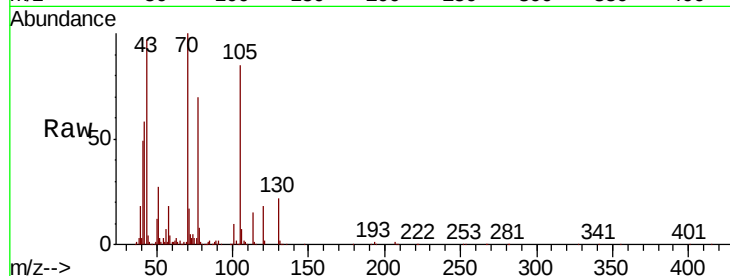




#19
n-Nitroso-di-n-propylamine
Concen: 41.604 ng
RT: 8.47 min Scan# 933
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

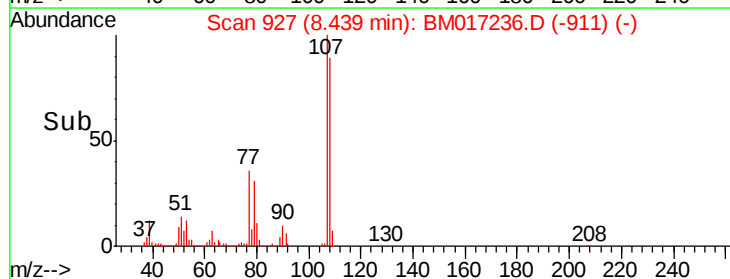
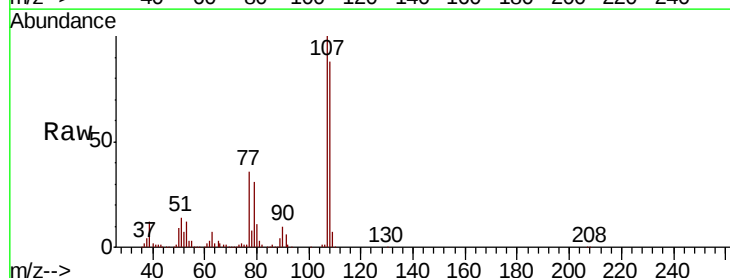
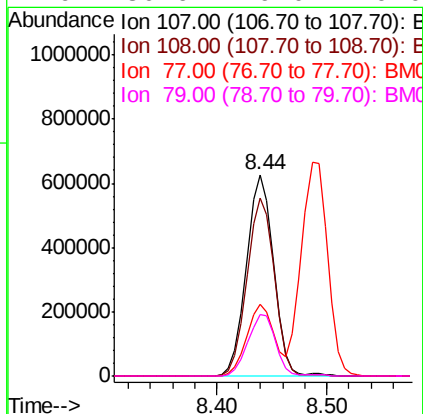
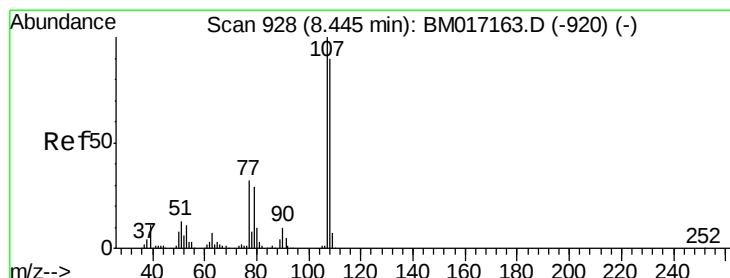
Instrument :
BNA_M
ClientSampleId :

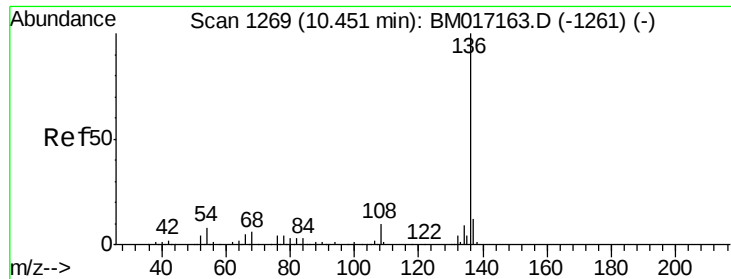
Tot Ion:	70	Resp:	702925
Ion	Ratio	Lower	Upper
70	100		
42	57.6	46.1	69.1
101	10.2	8.2	12.4
130	22.1	18.4	27.6



#20
3+4-Methylphenols
Concen: 44.880 ng
RT: 8.44 min Scan# 927
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Tgt Ion:	107	Resp:	1088033
Ion	Ratio	Lower	Upper
107	100		
108	88.5	69.9	109.9
77	35.6	12.2	52.2
79	30.6	9.0	49.0

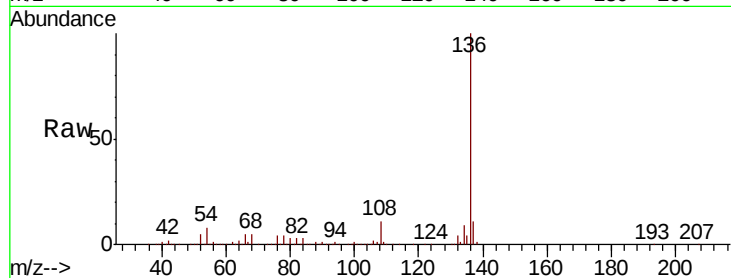




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp: 1374536
Ion Ratio	Lower Upper
136 100	
137 10.8	9.2 13.8
54 7.6	6.7 10.1
68 5.4	4.7 7.1



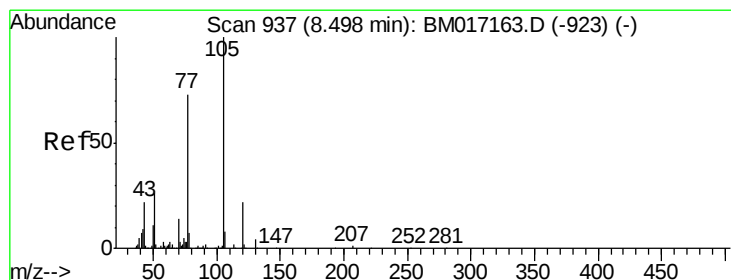
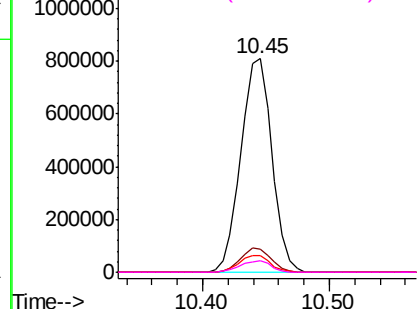
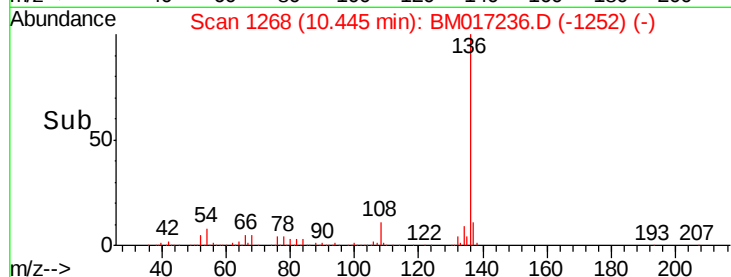
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

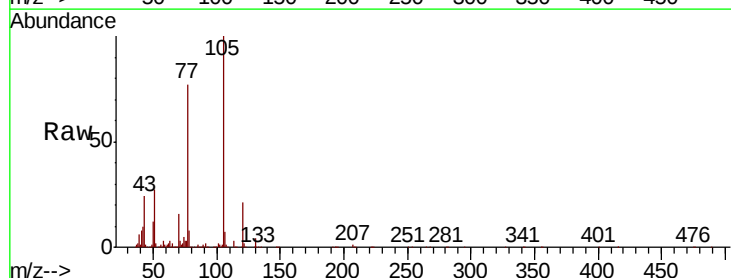
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 40.503 ng
RT: 8.49 min Scan# 936
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Tgt	Ion:105	Resp:	1411248
Ion	Ratio	Lower	Upper
105	100		
71	2.5	2.0	3.0
51	26.7	20.6	31.0
120	21.5	17.5	26.3



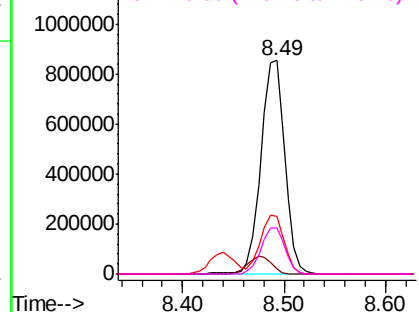
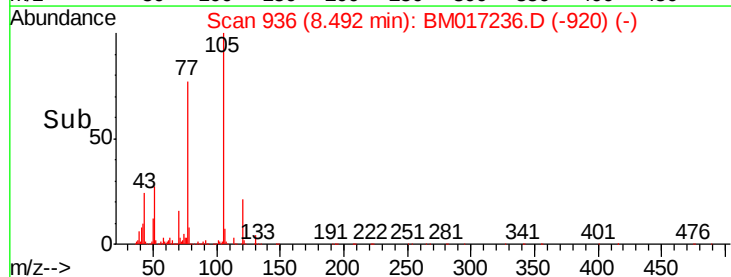
Abundance

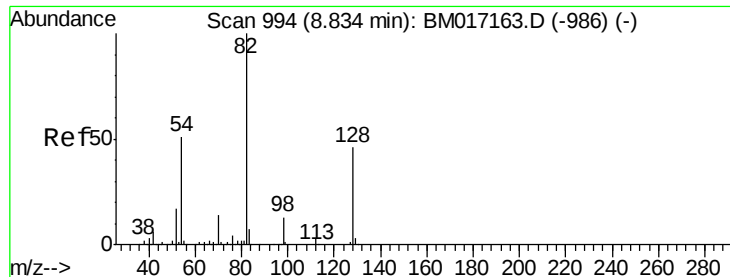
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

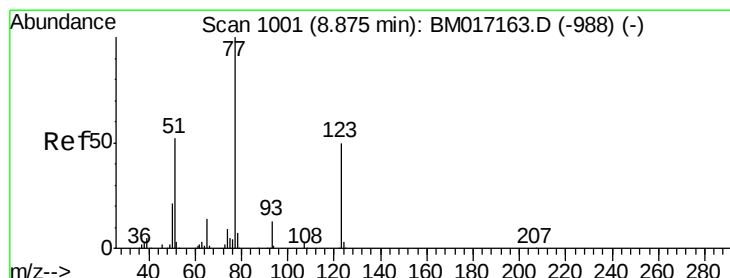
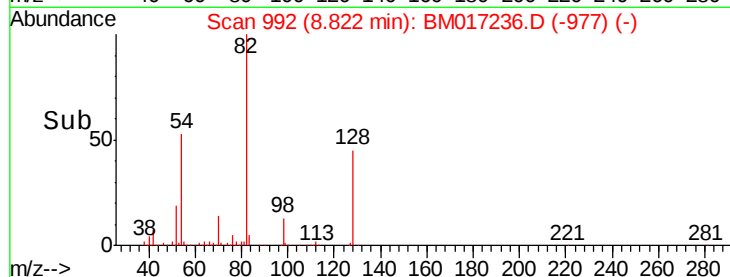
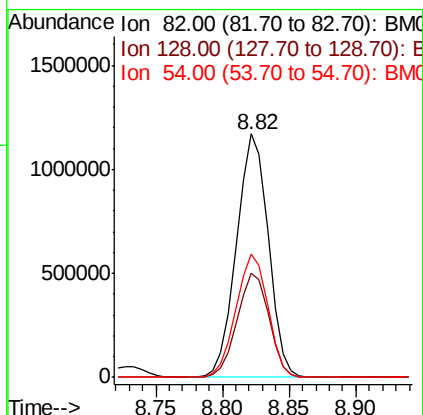
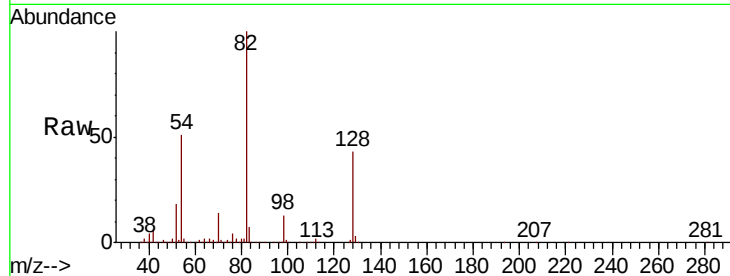




#23
 Nitrobenzene-d5
 Concen: 82.198 ng
 RT: 8.82 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BM017236.D
 Acq: 19 Oct 2018 18:52

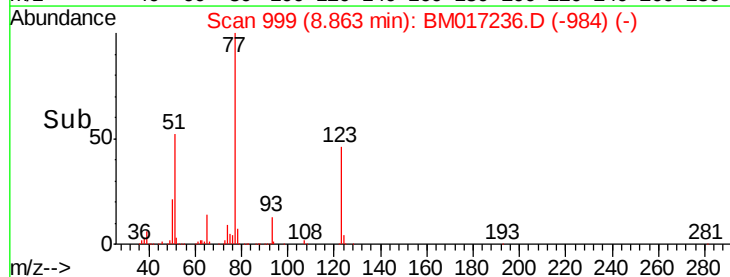
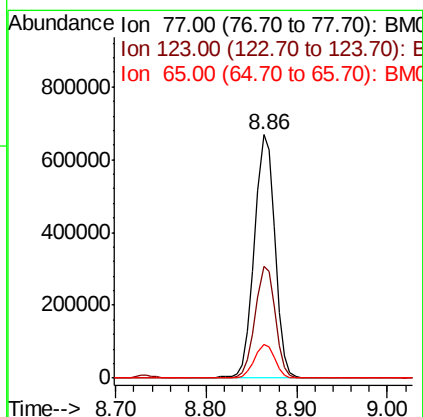
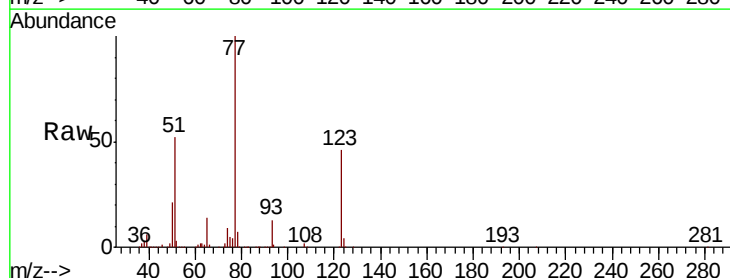
Instrument :
 BNA_M
 ClientSampleId :

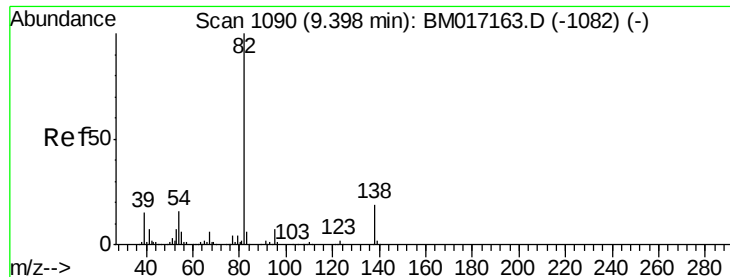
Tot Ion: 82 Resp: 1931824
 Ion Ratio Lower Upper
 82 100
 128 42.9 37.0 55.6
 54 50.8 40.7 61.1



#24
 Nitrobenzene
 Concen: 42.111 ng
 RT: 8.86 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BM017236.D
 Acq: 19 Oct 2018 18:52

Tgt Ion: 77 Resp: 1046877
 Ion Ratio Lower Upper
 77 100
 123 46.1 40.2 60.4
 65 14.0 11.4 17.0





#25

Isophorone

Concen: 47.113 ng

RT: 9.39 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

Instrument :

BNA_M

ClientSampled :

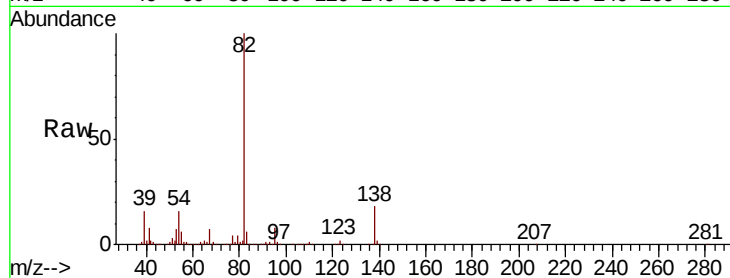
Tot Ion: 82 Resp: 1828382

Ion Ratio Lower Upper

82 100

95 7.9 6.0 9.0

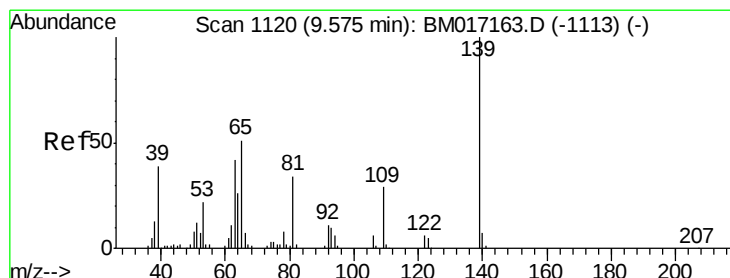
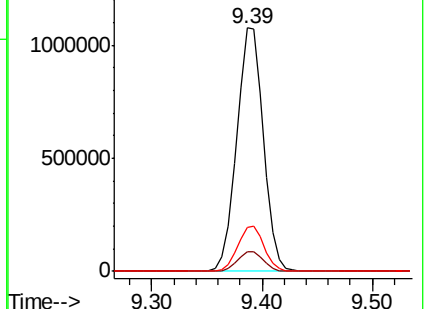
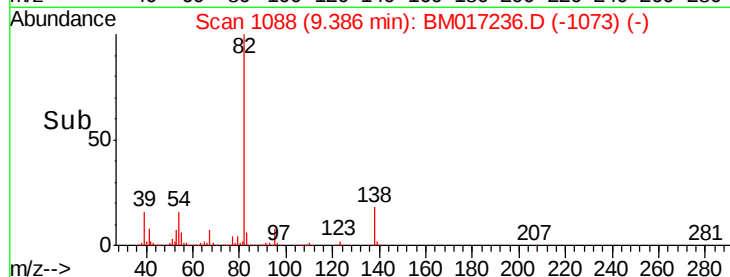
138 18.2 15.4 23.2



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: 43.437 ng

RT: 9.57 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

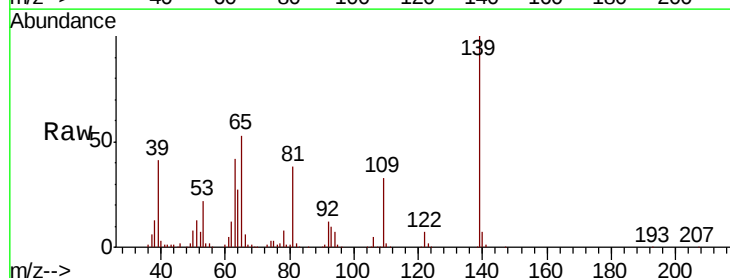
Tgt Ion: 139 Resp: 498214

Ion Ratio Lower Upper

139 100

109 33.2 23.2 34.8

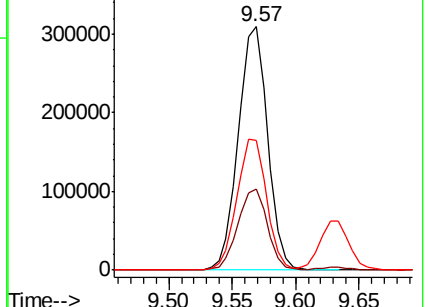
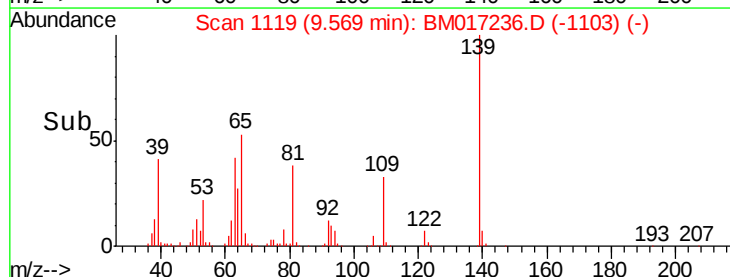
65 53.3 40.6 61.0

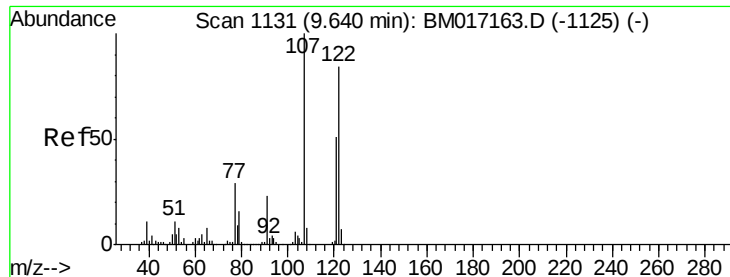


Abundance Ion 139.00 (138.70 to 139.70): BM017163.D (-1113) (-)

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

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

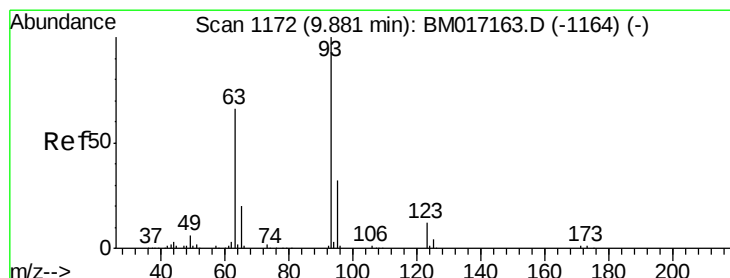
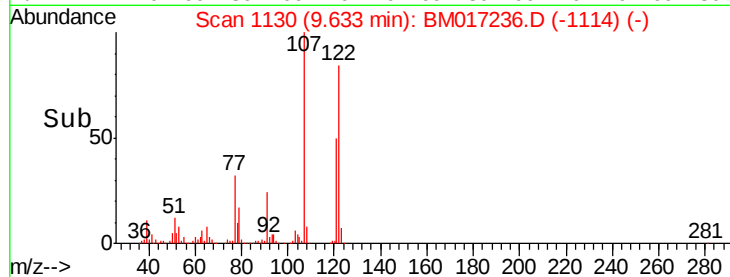
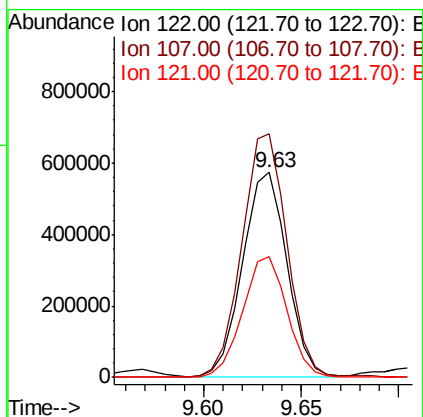
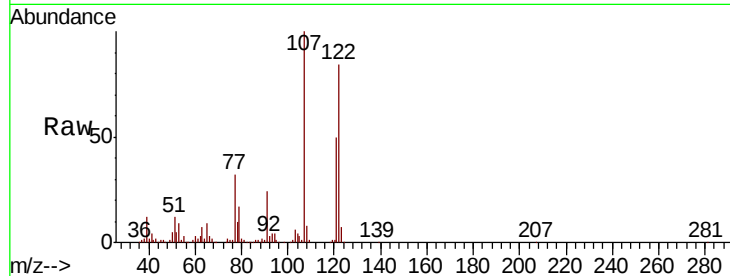




#27
2,4-Dimethylphenol
Concen: 52.435 ng
RT: 9.63 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

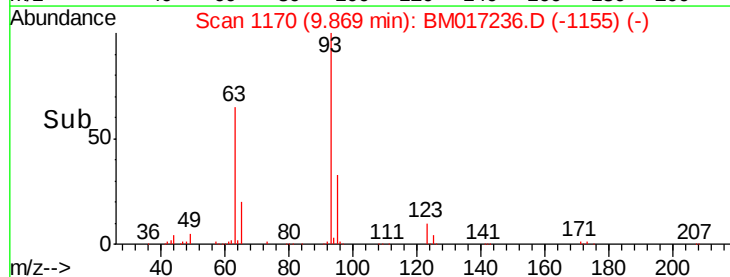
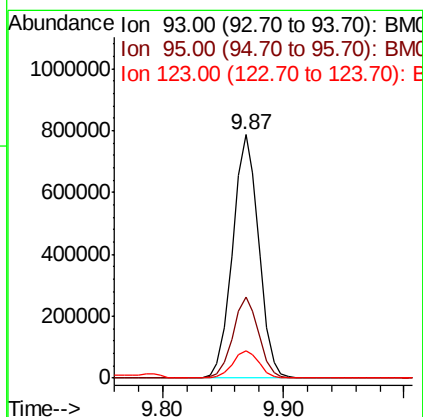
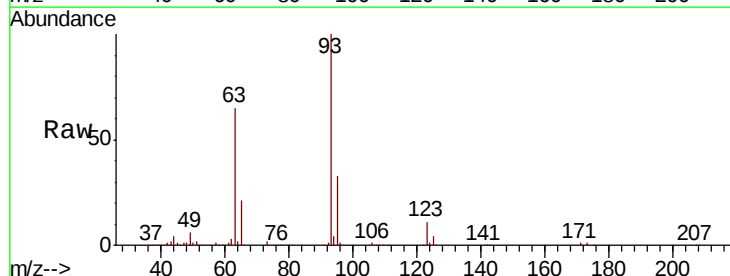
Instrument :
BNA_M
ClientSampleId :

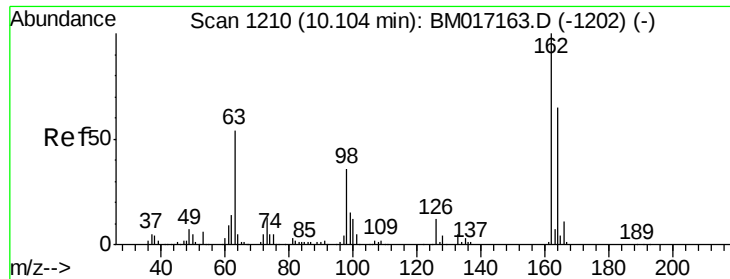
Tot Ion	Ratio	Lower	Upper
122	100		
107	118.7	95.0	142.6
121	59.1	48.2	72.4



#28
bis(2-Chloroethoxy)methane
Concen: 43.403 ng
RT: 9.87 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	25.7	38.5
123	11.4	9.4	14.0

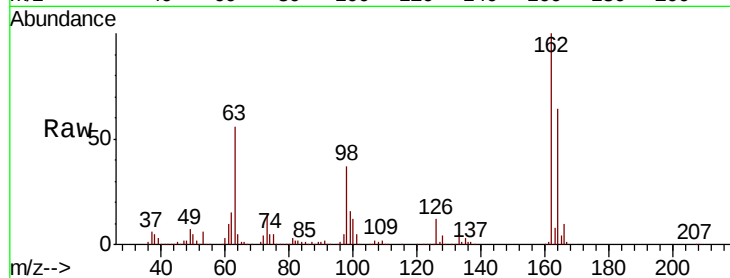




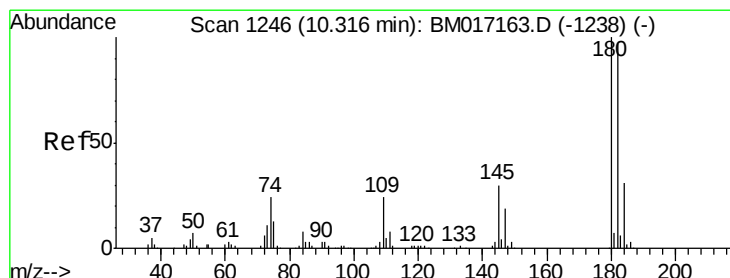
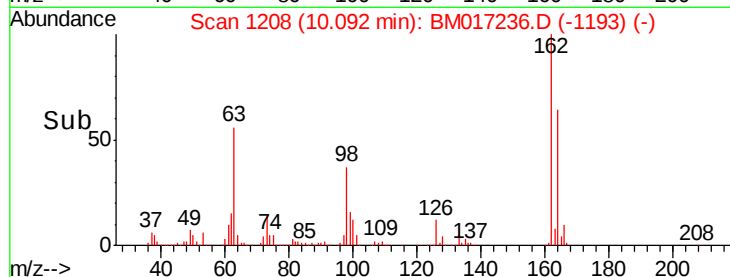
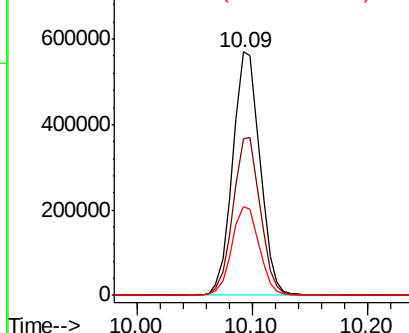
#29
2,4-Dichlorophenol
Concen: 47.059 ng
RT: 10.09 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.9	84.9
98	36.5	15.8	55.8

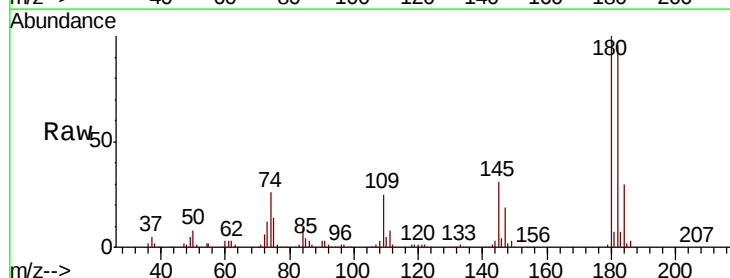


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BM

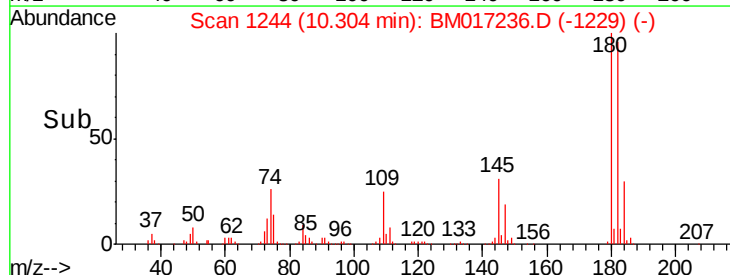
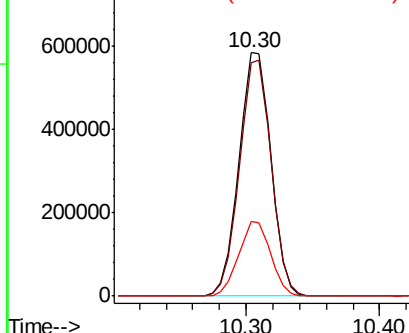


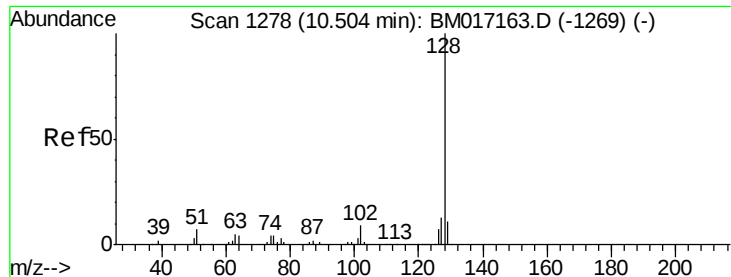
#30
1,2,4-Trichlorobenzene
Concen: 40.522 ng
RT: 10.30 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	77.5	116.3
145	30.7	24.0	36.0



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

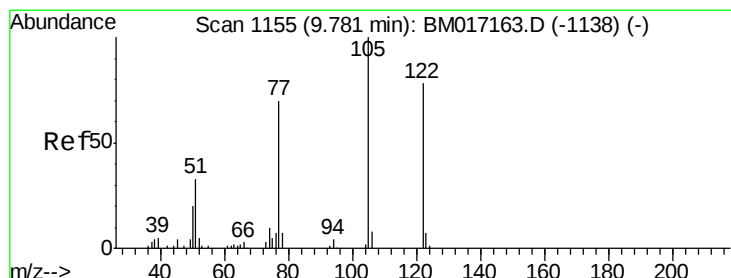
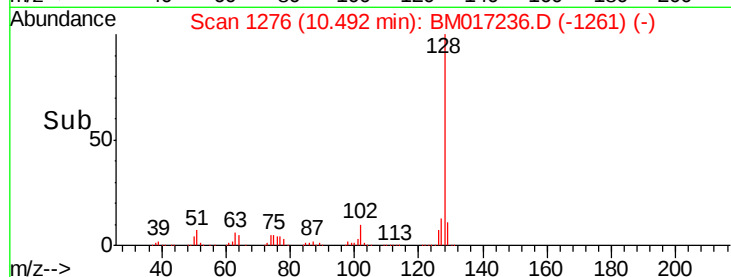
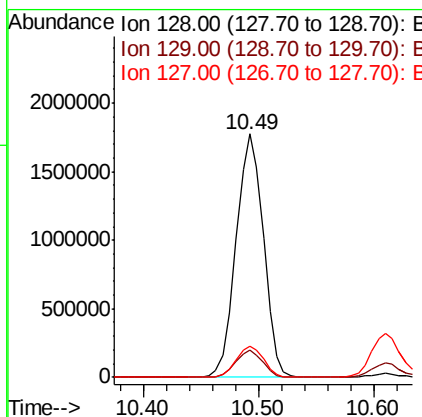
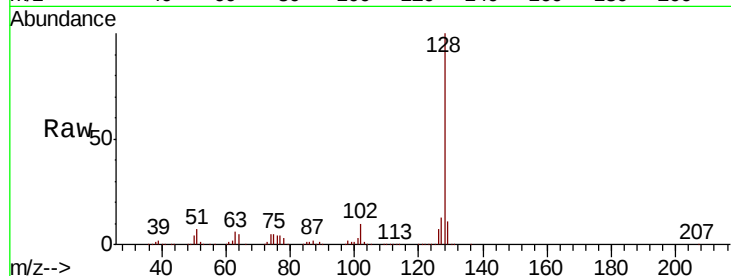




#31
Naphthalene
Concen: 43.031 ng
RT: 10.49 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

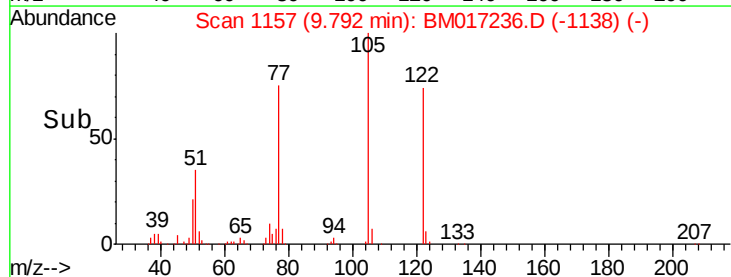
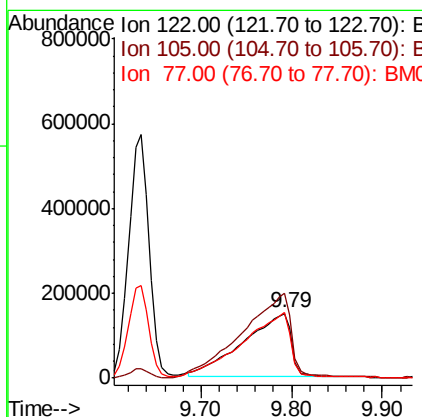
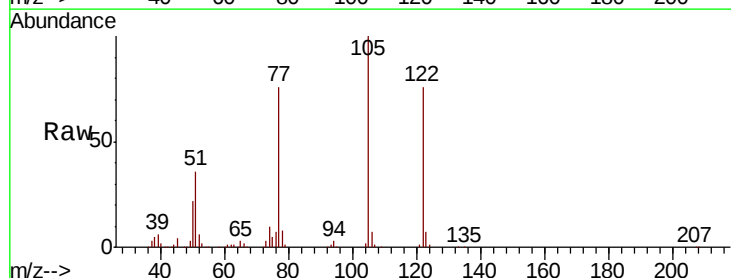
Instrument :
BNA_M
ClientSampleId :

Tot Ion:128 Resp: 2898569
Ion Ratio Lower Upper
128 100
129 11.1 8.5 12.7
127 13.0 10.3 15.5



#32
Benzoic acid
Concen: 43.069 ng
RT: 9.79 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Tgt Ion:122 Resp: 551458
Ion Ratio Lower Upper
122 100
105 131.9 102.0 142.0
77 100.6 67.7 107.7

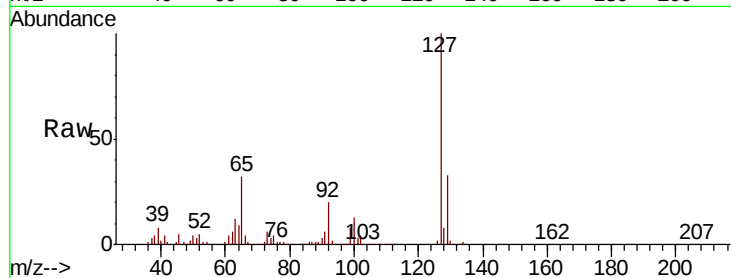




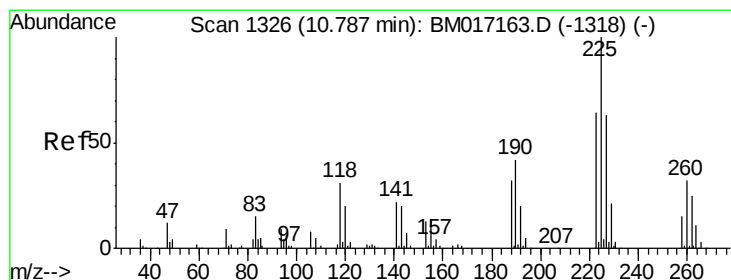
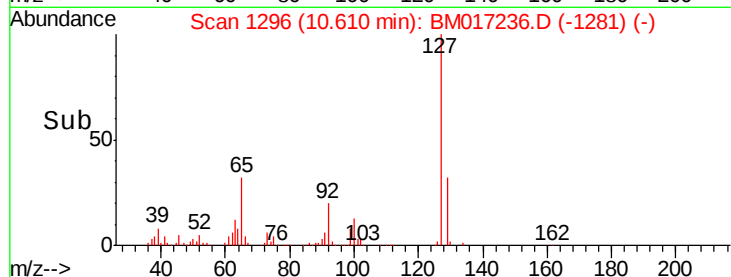
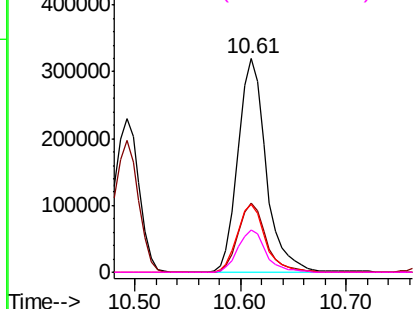
#33
4-Chloroaniline
Concen: 20.279 ng
RT: 10.61 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion:127	Resp: 589957
Ion Ratio	Lower Upper
127 100	
129 32.6	26.2 39.4
65 31.5	23.7 35.5
92 20.0	14.3 21.5

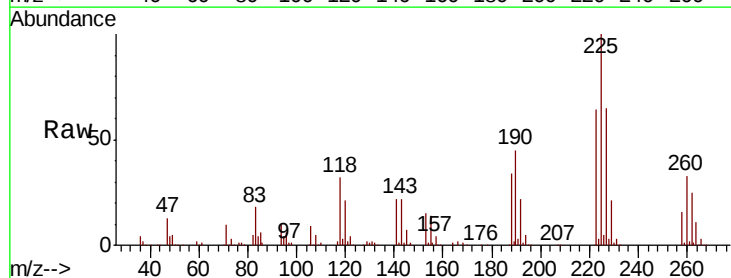


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

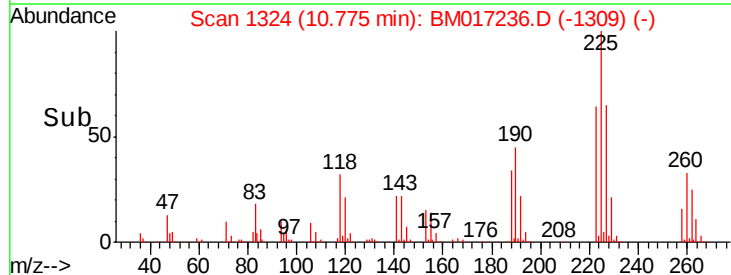
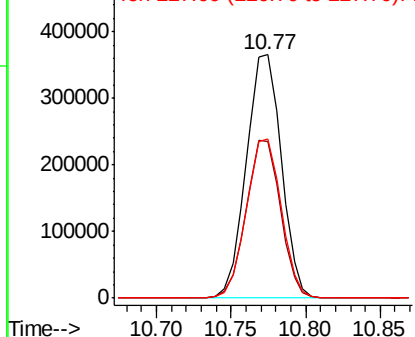


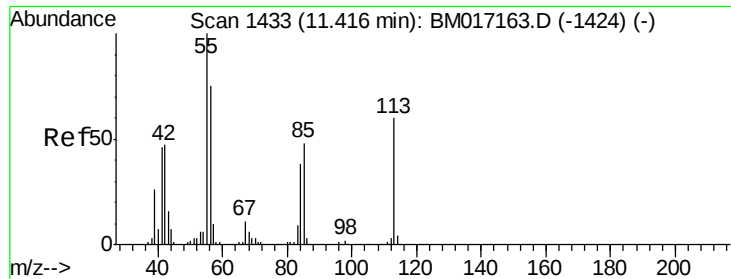
#34
Hexachlorobutadiene
Concen: 39.283 ng
RT: 10.77 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Tgt Ion	225	Resp: Lower	594922 Upper
	Ratio		
225	100		
223	64.2	51.0	76.6
227	65.4	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

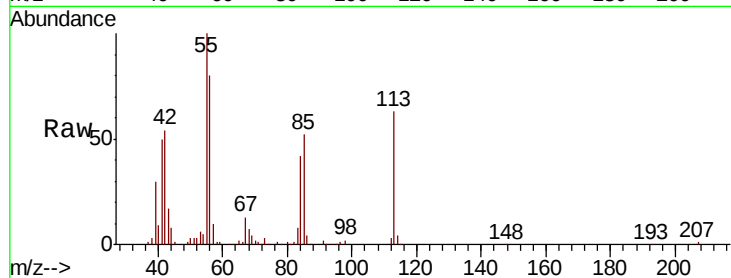




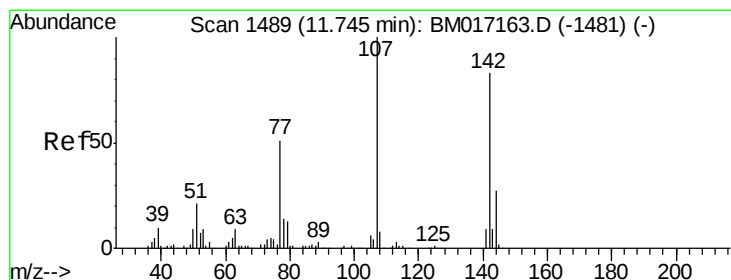
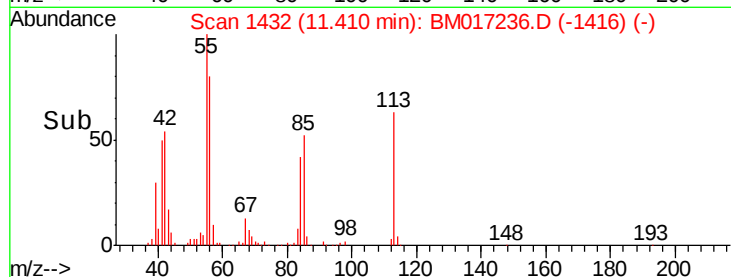
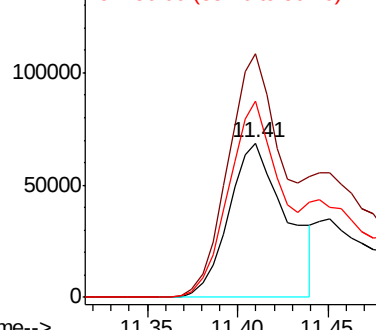
#35
Caprolactam
Concen: 20.885 ng
RT: 11.41 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Instrument :
BNA_M
ClientSampled :

Tot Ion:113 Resp: 151653
Ion Ratio Lower Upper
113 100
55 157.6 147.0 187.0
56 126.8 104.5 144.5

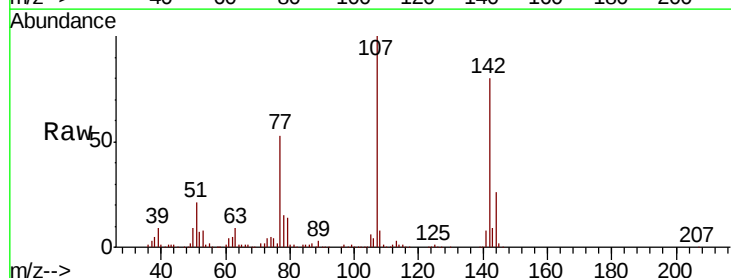


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BM0
Ion 56.00 (55.70 to 56.70): BM0

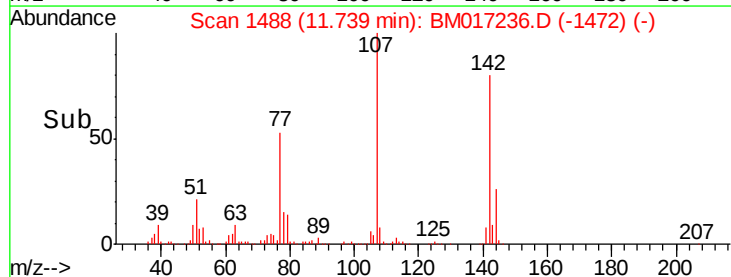
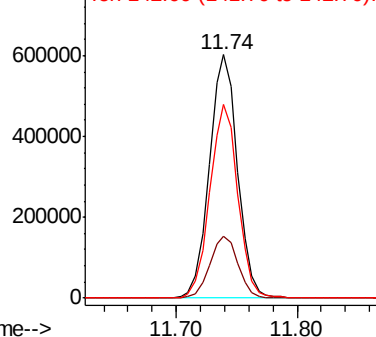


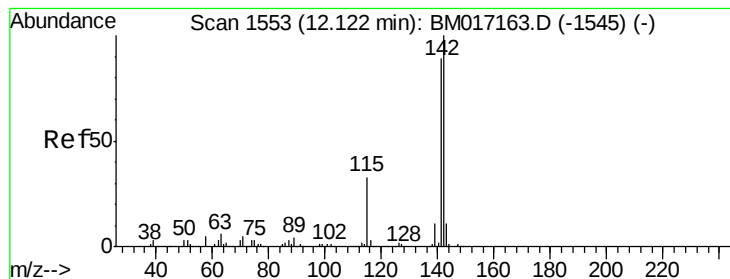
#36
4-Chloro-3-methylphenol
Concen: 43.599 ng
RT: 11.74 min Scan# 1488
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Tgt Ion:107 Resp: 979182
Ion Ratio Lower Upper
107 100
144 25.6 21.6 32.4
142 79.8 66.0 99.0



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.239 ng

RT: 12.11 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

Instrument :

BNA_M

ClientSampleId :

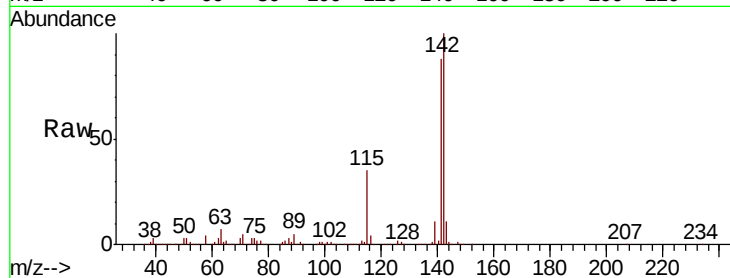
Tot Ion:142 Resp: 2177487

Ion Ratio Lower Upper

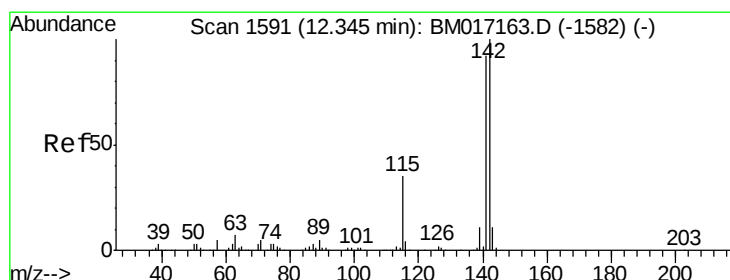
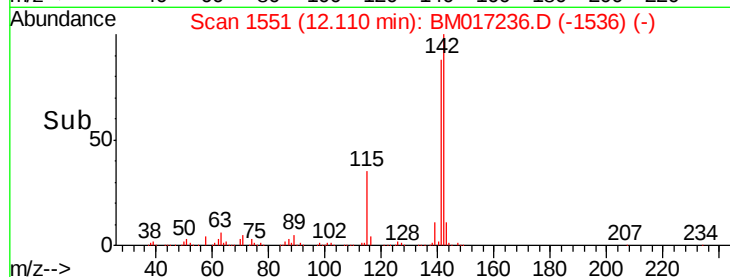
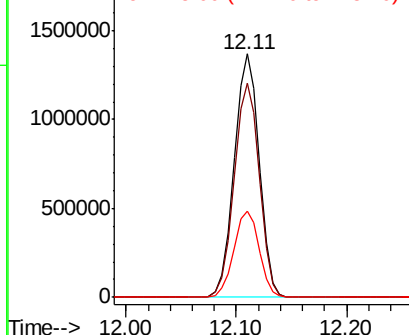
142 100

141 87.7 70.9 106.3

115 35.5 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: 45.851 ng

RT: 12.33 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

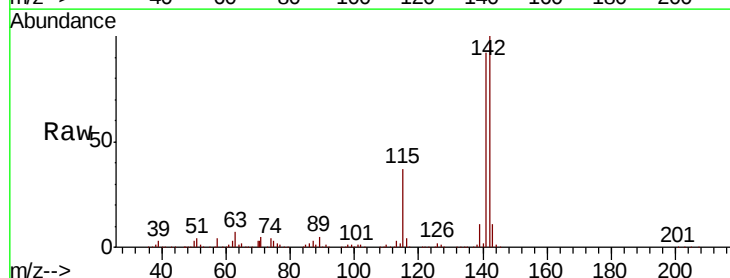
Tgt Ion:142 Resp: 2057028

Ion Ratio Lower Upper

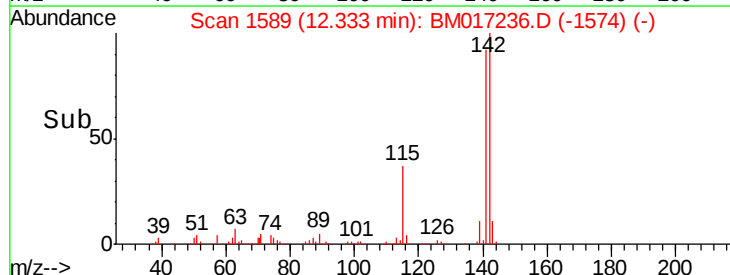
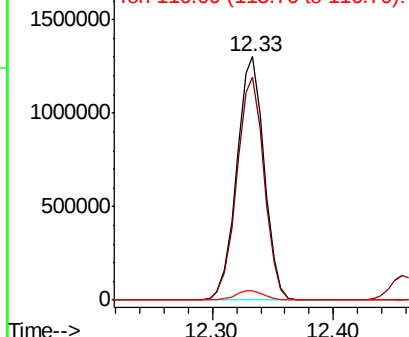
142 100

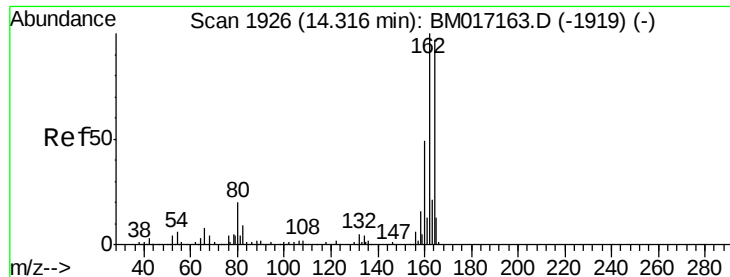
141 91.8 73.8 110.6

116 4.0 2.9 4.3



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.31 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

Instrument :

BNA_M

ClientSampleId :

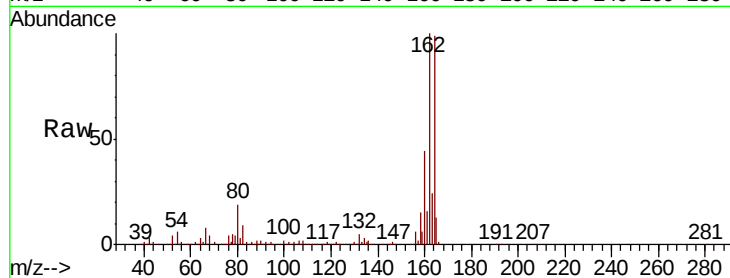
Tot Ion:164 Resp: 780193

Ion Ratio Lower Upper

164 100

162 101.3 82.1 123.1

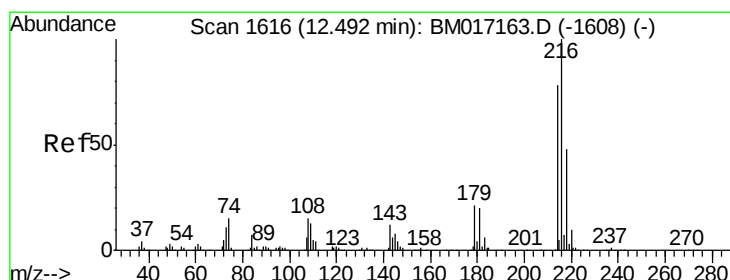
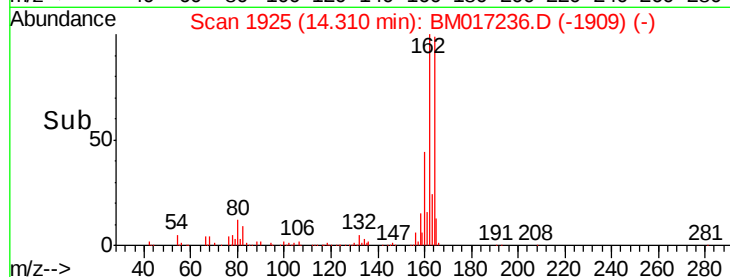
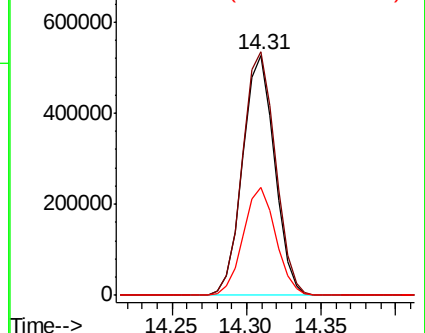
160 45.0 40.2 60.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.621 ng

RT: 12.48 min Scan# 1614

Delta R.T. -0.01 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

Tgt Ion:216 Resp: 1143576

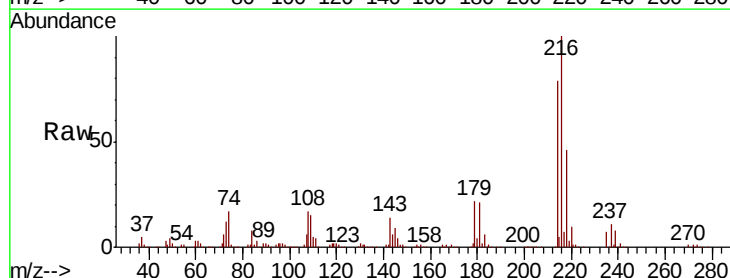
Ion Ratio Lower Upper

216 100

214 78.9 62.6 93.8

179 21.2 16.6 24.8

108 20.6 13.5 20.3#

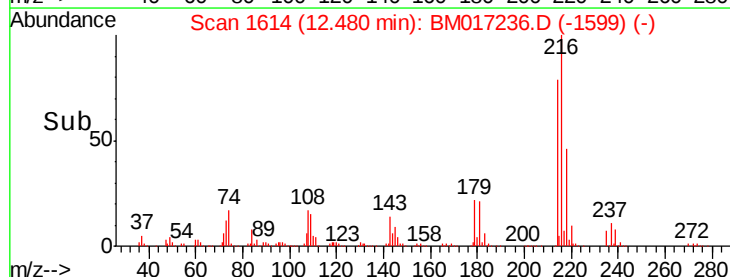
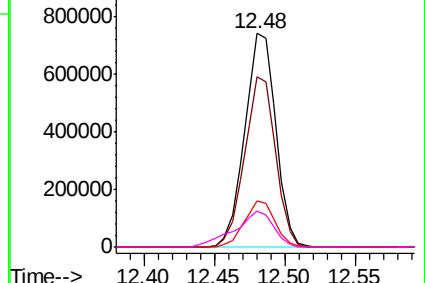


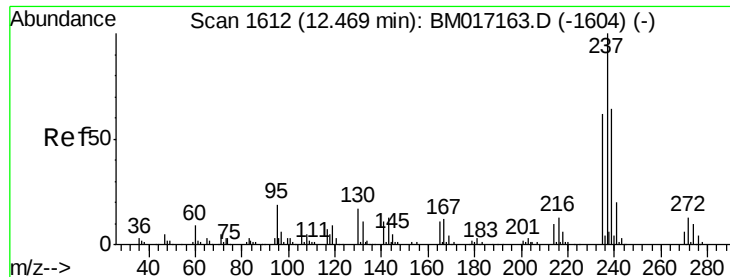
Abundance Ion 216.00 (215.70 to 216.70): E

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: 124.787 ng

RT: 12.46 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

Instrument :

BNA_M

ClientSampled :

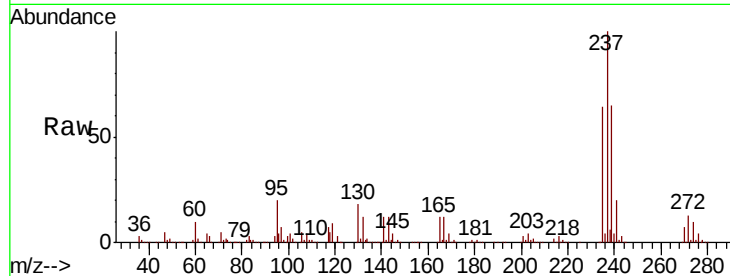
Tot Ion:237 Resp: 1657505

Ion Ratio Lower Upper

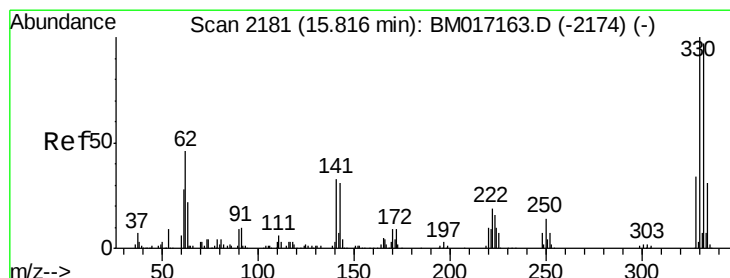
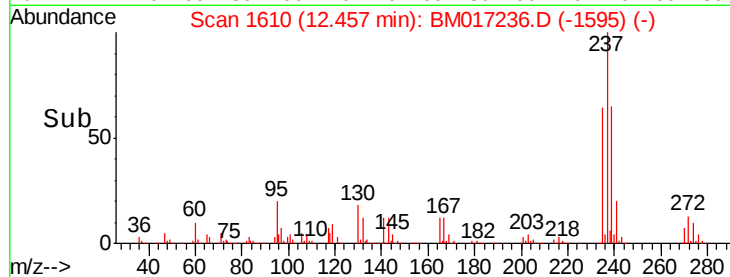
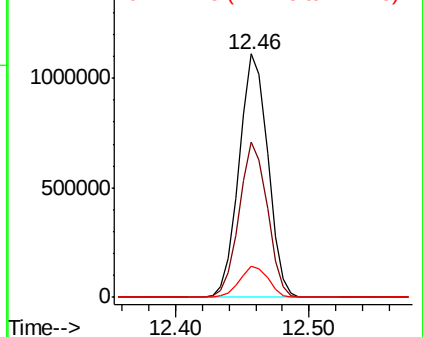
237 100

235 63.9 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: 126.424 ng

RT: 15.80 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

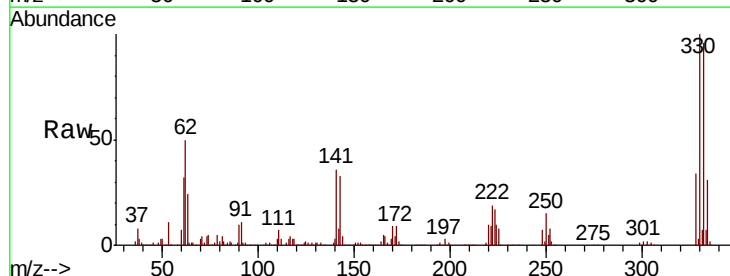
Tgt Ion:330 Resp: 1333892

Ion Ratio Lower Upper

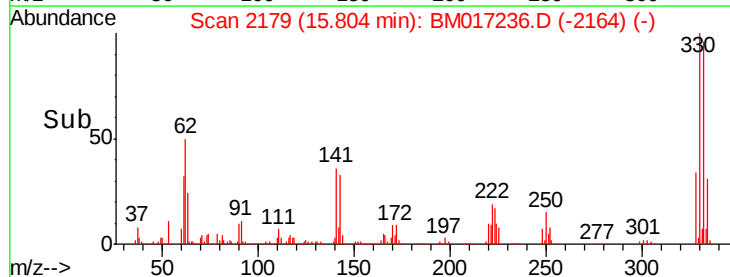
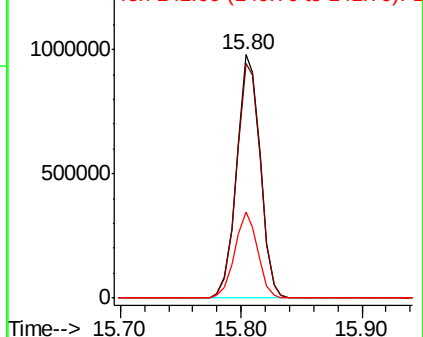
330 100

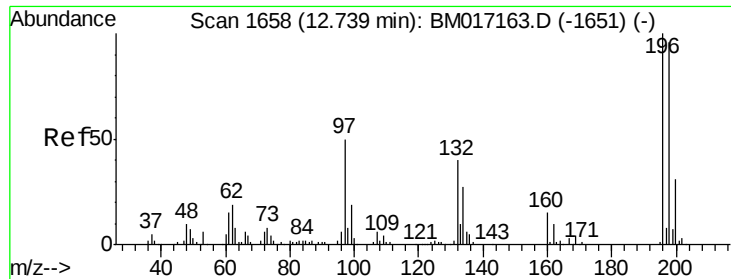
332 97.4 77.3 115.9

141 34.5 27.4 41.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

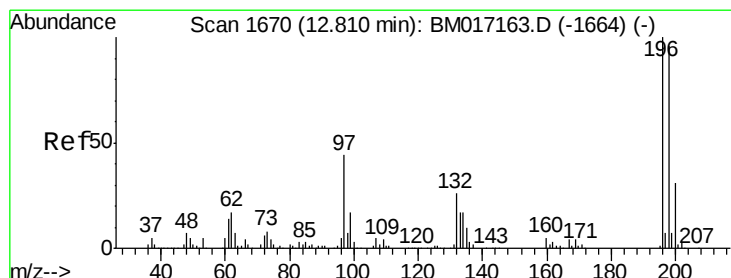
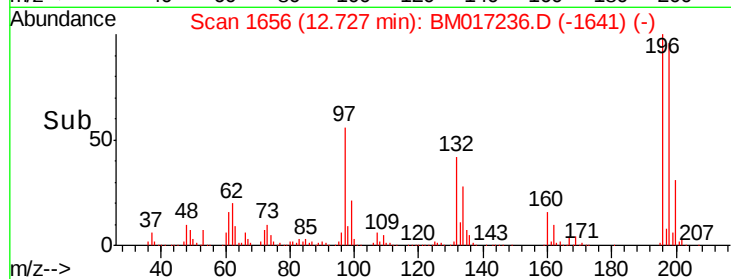
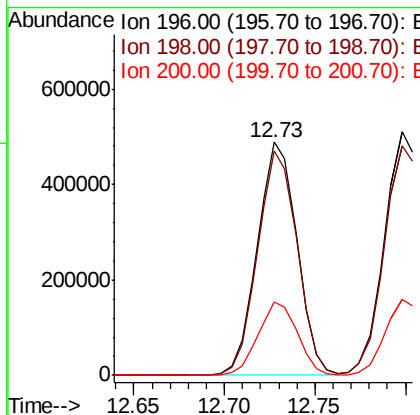
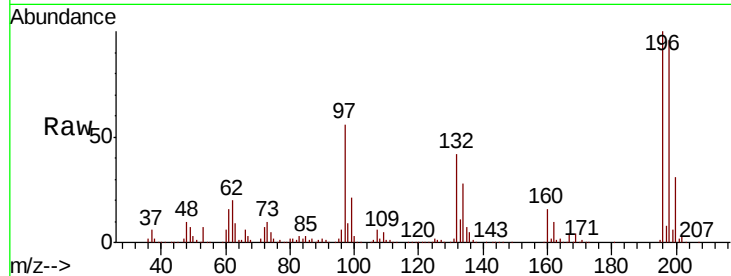




#43
 2,4,6-Trichlorophenol
 Concen: 46.588 ng
 RT: 12.73 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BM017236.D
 Acq: 19 Oct 2018 18:52

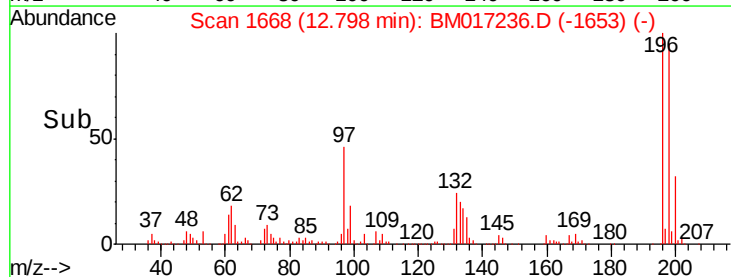
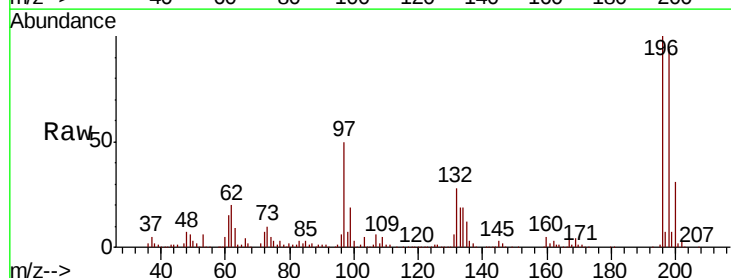
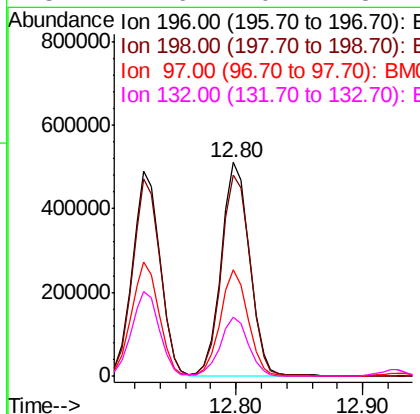
Instrument :
 BNA_M
 ClientSampleId :

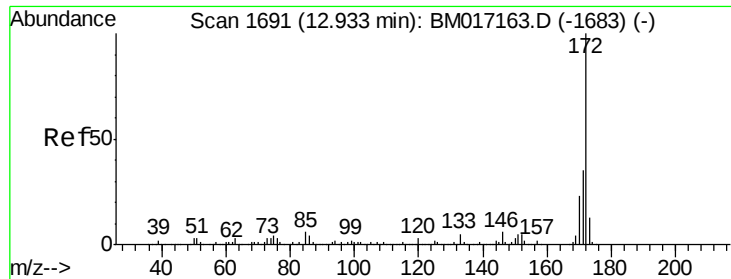
Tot Ion	196	Resp	743066
Ion Ratio	Lower	Upper	
196	100		
198	96.1	77.1	115.7
200	31.3	25.0	37.4



#44
 2,4,5-Trichlorophenol
 Concen: 45.911 ng
 RT: 12.80 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM017236.D
 Acq: 19 Oct 2018 18:52

Tgt Ion	196	Resp	785236
Ion Ratio	Lower	Upper	
196	100		
198	94.1	76.6	115.0
97	49.5	35.5	53.3
132	27.6	20.7	31.1

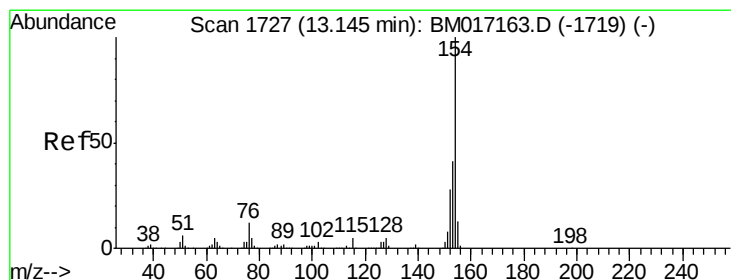
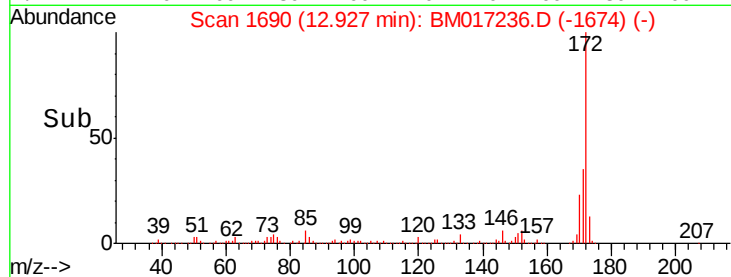
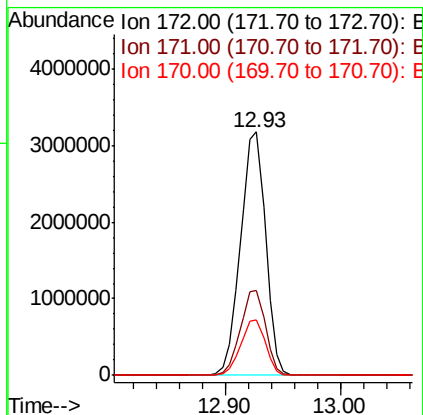
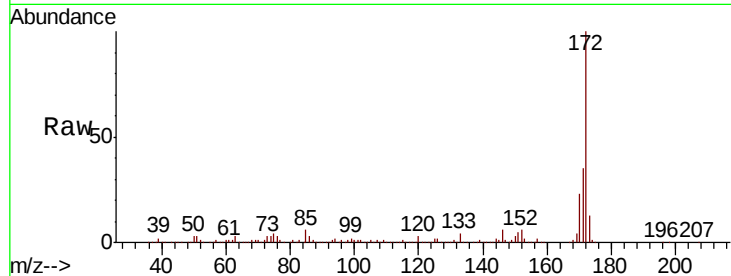




#45
2-Fluorobiphenyl
Concen: 81.743 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

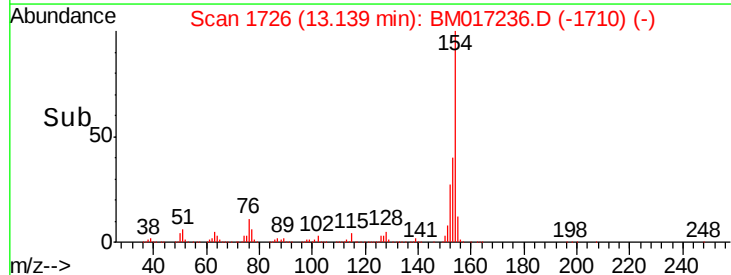
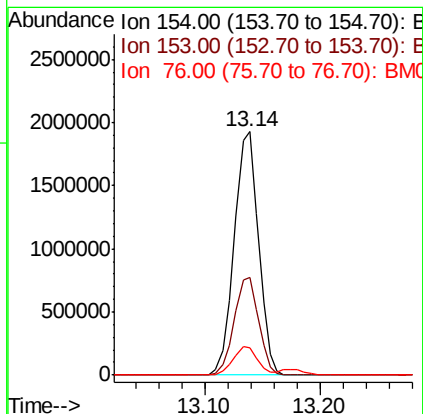
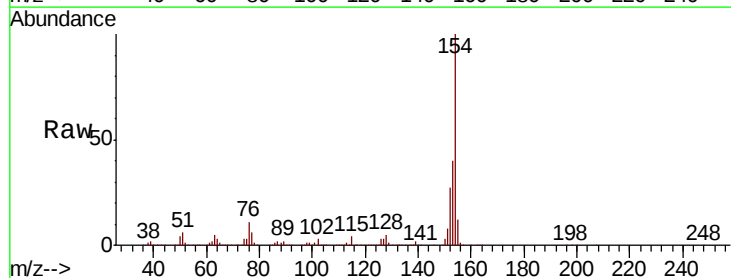
Instrument :
BNA_M
ClientSampleId :

Tot Ion:172 Resp: 4793188
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 22.9 18.3 27.5



#46
1,1'-Biphenyl
Concen: 40.001 ng
RT: 13.14 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Tgt Ion:154 Resp: 2808427
Ion Ratio Lower Upper
154 100
153 40.1 20.5 60.5
76 11.4 0.0 31.8

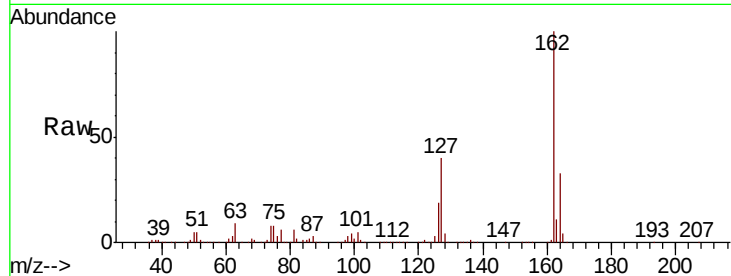




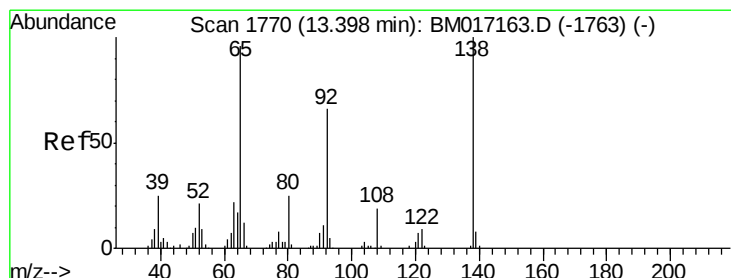
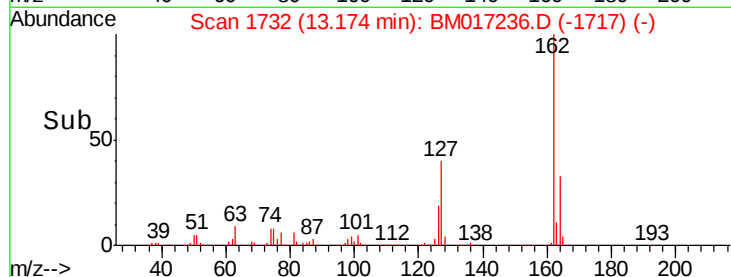
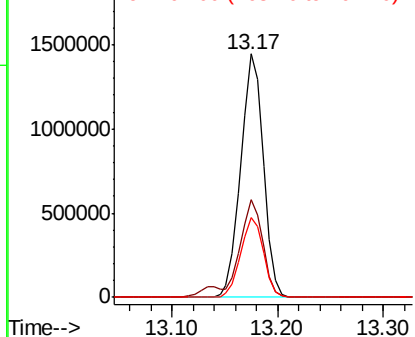
#47
2-Chloronaphthalene
Concen: 41.363 ng
RT: 13.17 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion:162 Resp: 2136450
Ion Ratio Lower Upper
162 100
127 39.9 31.0 46.4
164 32.9 26.6 39.8

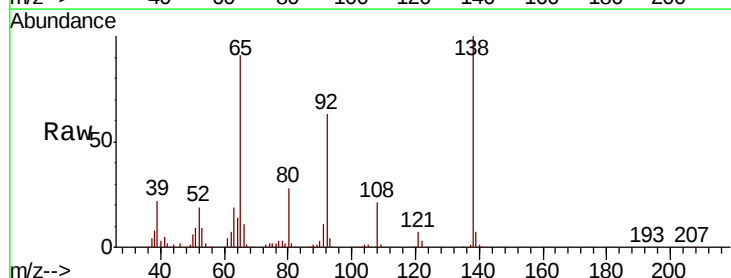


Abundance Ion 162.00 (161.70 to 162.70): E
2000000 Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

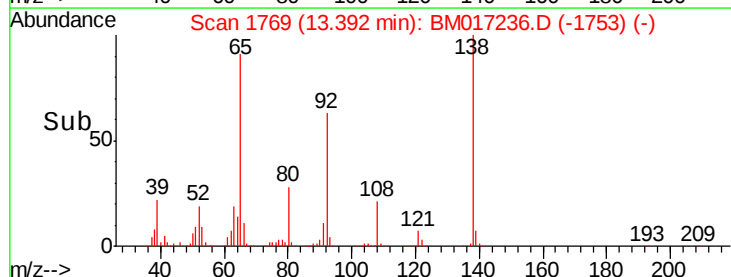
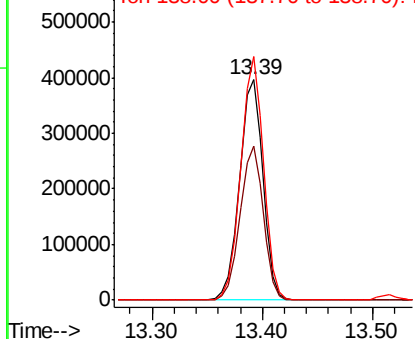


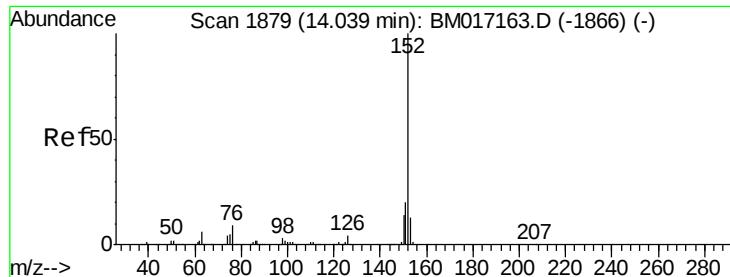
#48
2-Nitroaniline
Concen: 41.605 ng
RT: 13.39 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Tgt Ion: 65 Resp: 594575
Ion Ratio Lower Upper
65 100
92 69.8 54.9 82.3
138 110.4 83.7 125.5



Abundance Ion 65.00 (64.70 to 65.70): BM0
600000 Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.319 ng

RT: 14.03 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

Instrument :

BNA_M

ClientSampleId :

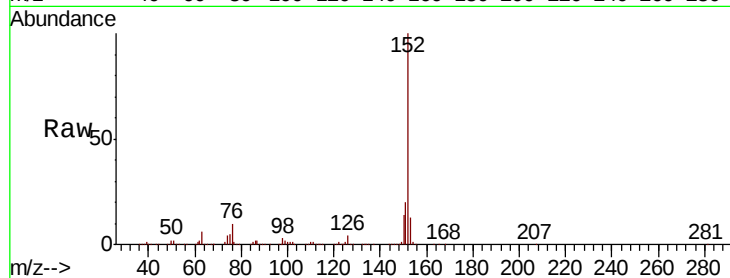
Tot Ion:152 Resp: 3392913

Ion Ratio Lower Upper

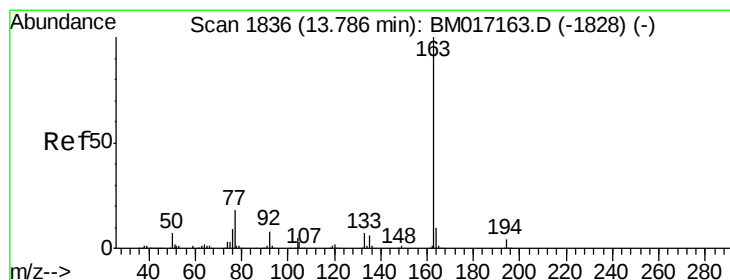
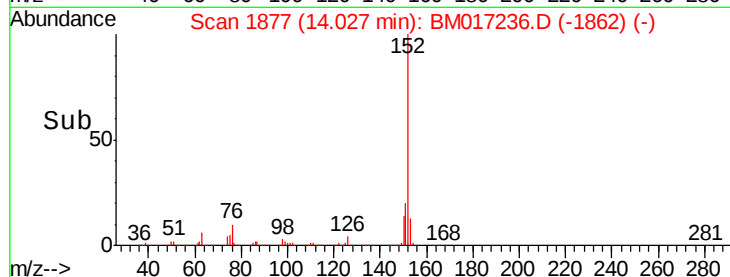
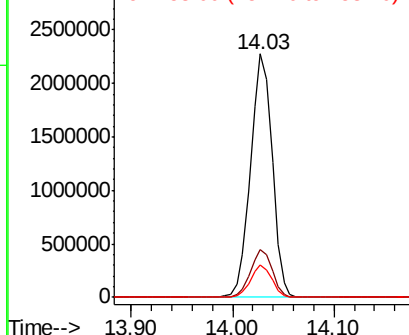
152 100

151 19.7 16.0 24.0

153 13.2 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: 41.766 ng

RT: 13.77 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

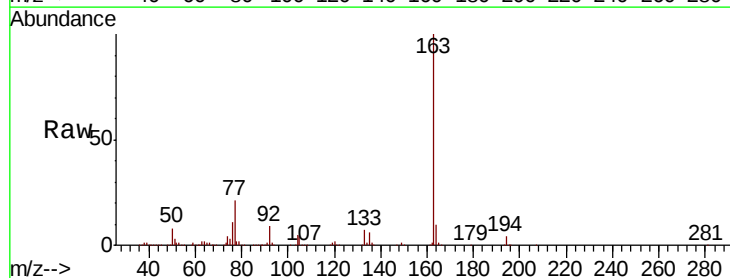
Tgt Ion:163 Resp: 2514021

Ion Ratio Lower Upper

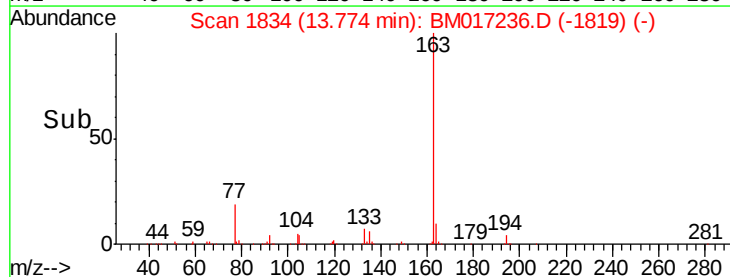
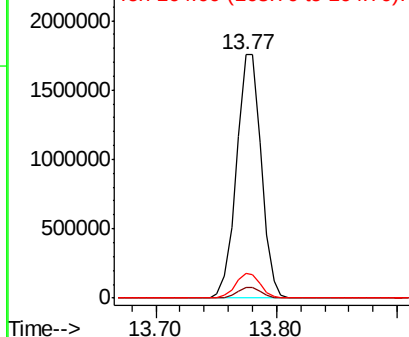
163 100

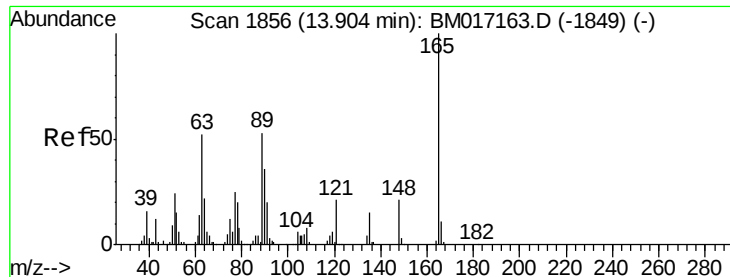
194 4.2 3.3 4.9

164 10.1 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

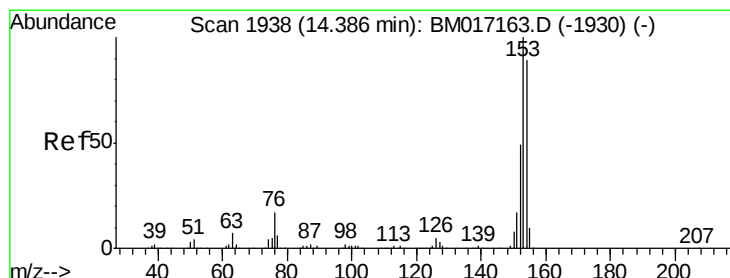
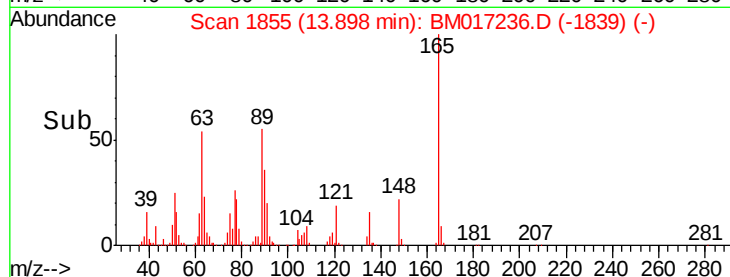
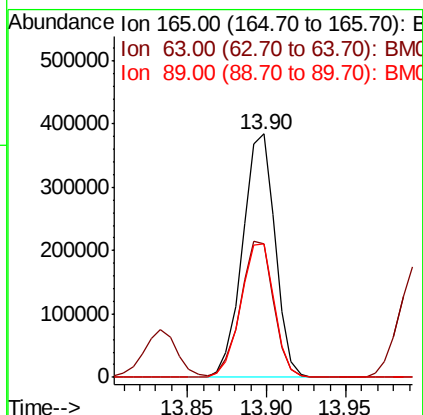
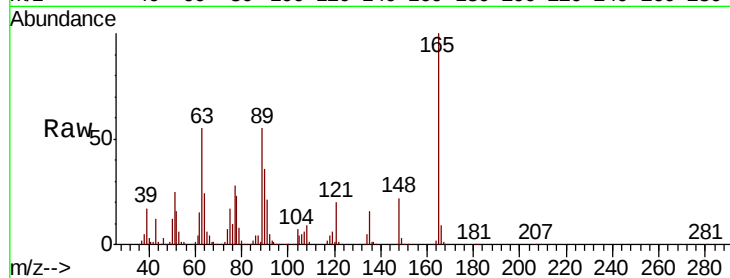




#51
 2,6-Dinitrotoluene
 Concen: 41.365 ng
 RT: 13.90 min Scan# 1855
 Delta R.T. -0.01 min
 Lab File: BM017236.D
 Acq: 19 Oct 2018 18:52

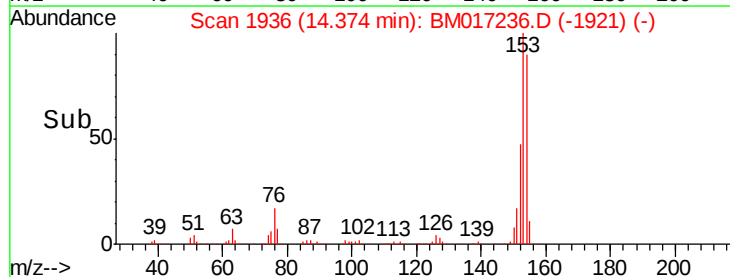
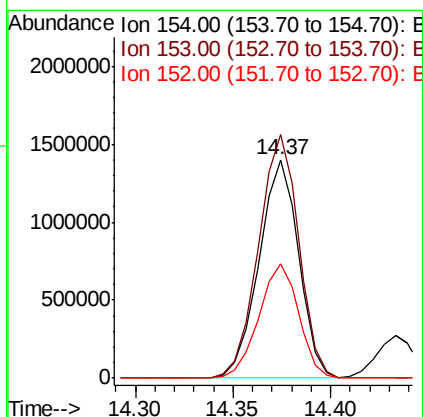
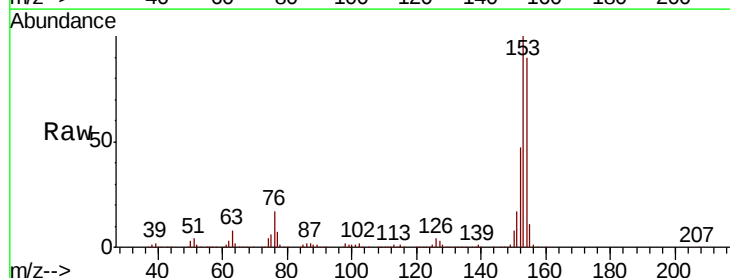
Instrument :
 BNA_M
 ClientSampleId :

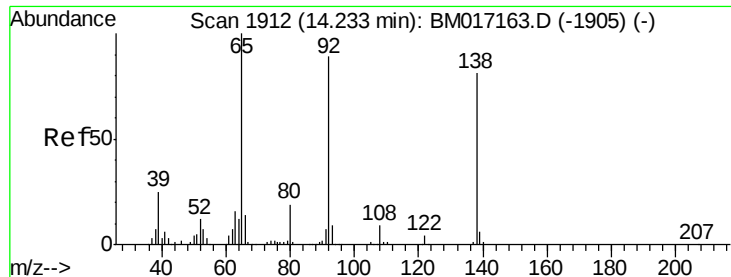
Tot Ion:165 Resp: 548002
 Ion Ratio Lower Upper
 165 100
 63 54.7 42.7 64.1
 89 54.7 42.1 63.1



#52
 Acenaphthene
 Concen: 42.023 ng
 RT: 14.37 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: BM017236.D
 Acq: 19 Oct 2018 18:52

Tgt Ion:154 Resp: 1975420
 Ion Ratio Lower Upper
 154 100
 153 111.5 90.2 135.2
 152 52.2 44.2 66.4

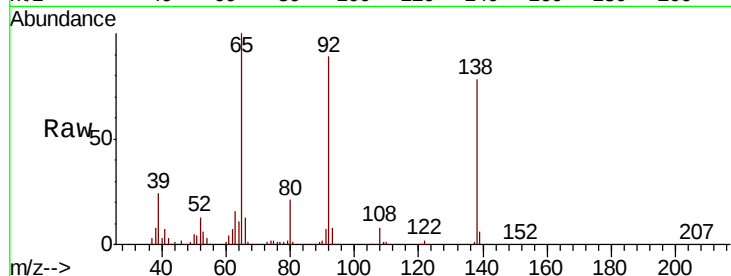




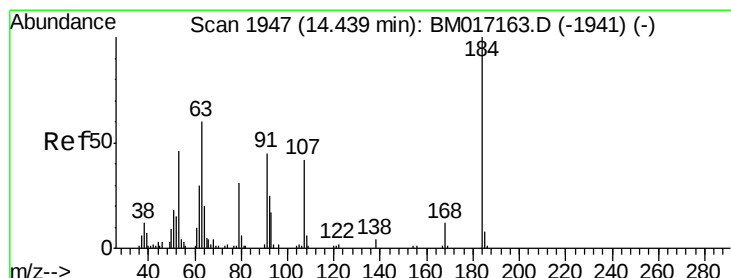
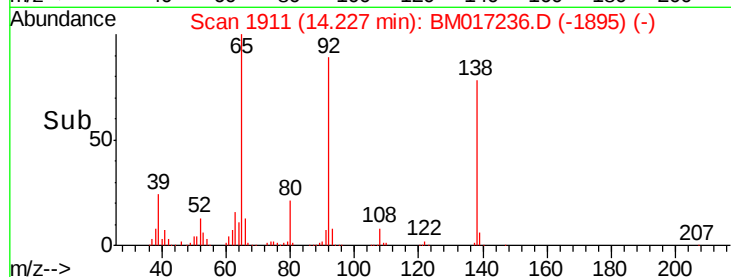
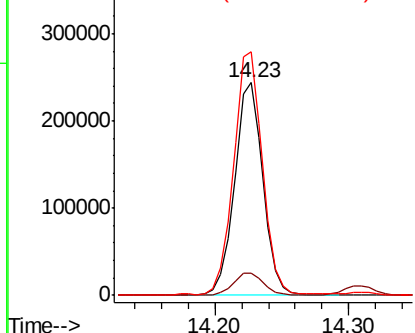
#53
3-Nitroaniline
Concen: 25.058 ng
RT: 14.23 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion:138 Resp: 359541
Ion Ratio Lower Upper
138 100
108 10.6 8.7 13.1
92 114.7 87.9 131.9

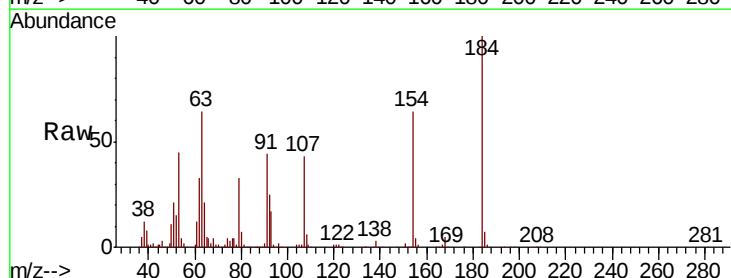


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

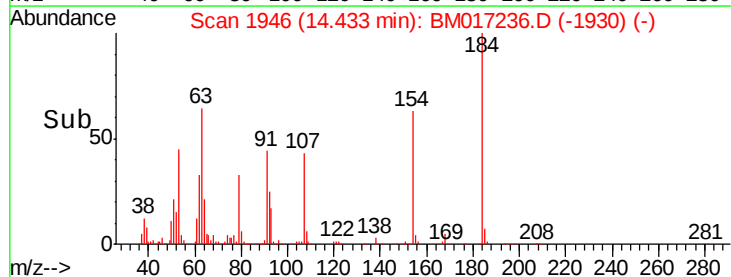
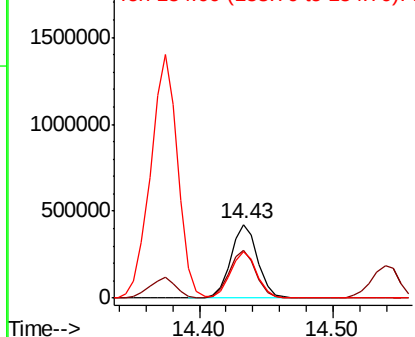


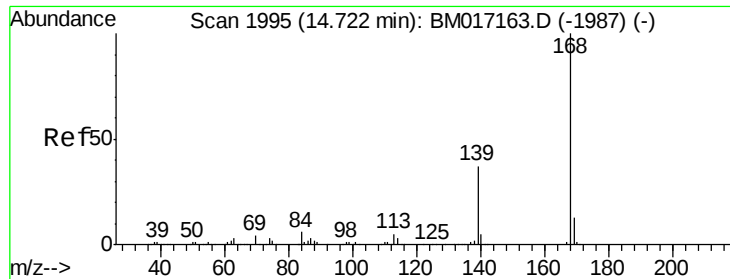
#54
2,4-Dinitrophenol
Concen: 76.325 ng
RT: 14.43 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Tgt Ion:184 Resp: 589924
Ion Ratio Lower Upper
184 100
63 64.5 51.2 76.8
154 64.2 47.8 71.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 40.271 ng

RT: 14.71 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

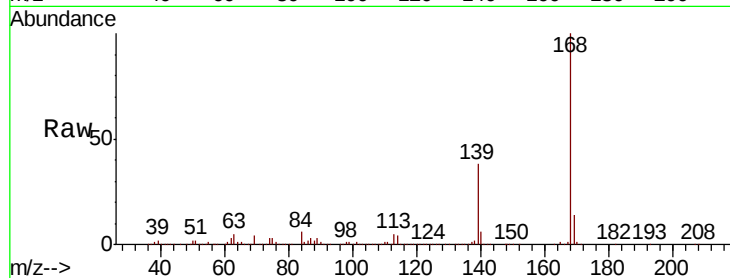
Instrument :

BNA_M

ClientSampled :

Tot Ion:168 Resp: 3148057

Ion	Ratio	Lower	Upper
168	100		
139	38.0	29.3	43.9
169	13.5	10.6	15.8

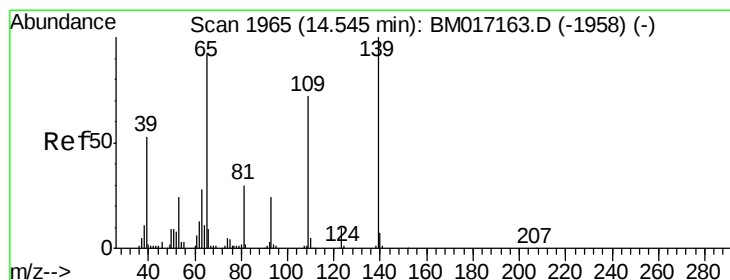
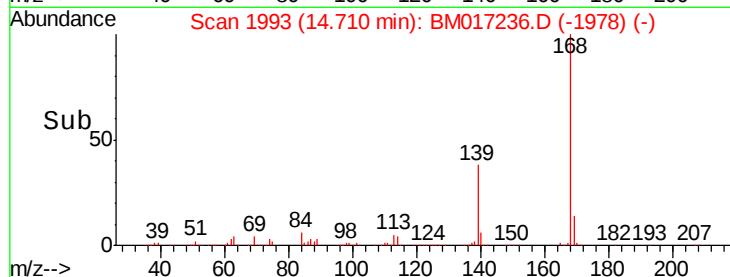
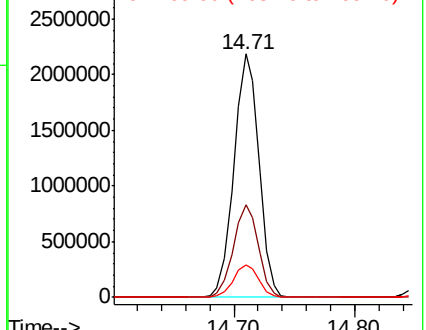


Abundance

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: 69.941 ng

RT: 14.54 min Scan# 1964

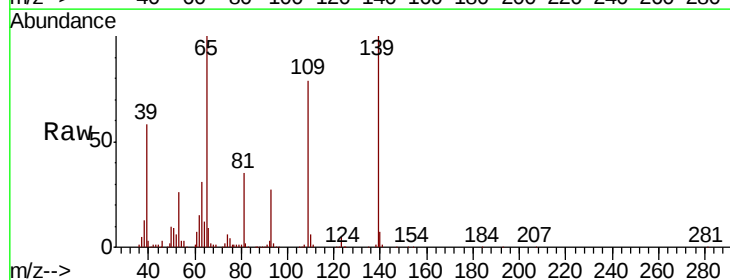
Delta R.T. -0.01 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

Tgt Ion:139 Resp: 906367

Ion	Ratio	Lower	Upper
139	100		
109	79.5	51.8	91.8
65	100.1	72.1	112.1

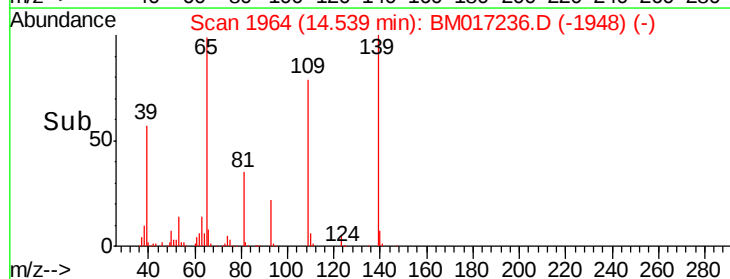
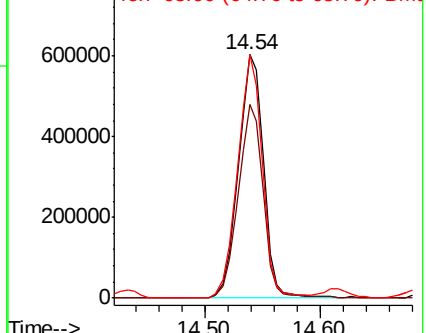


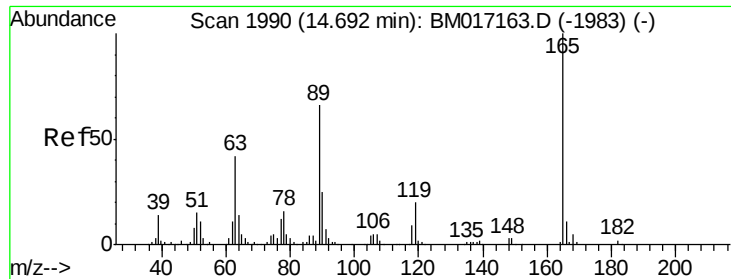
Abundance

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

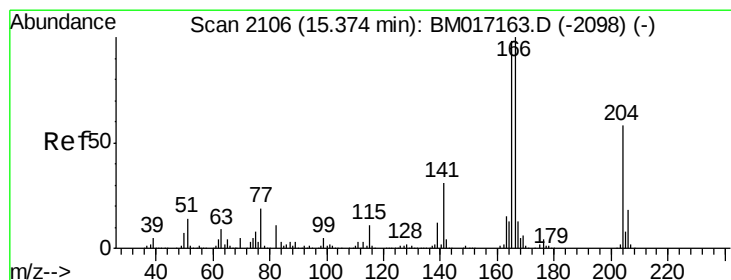
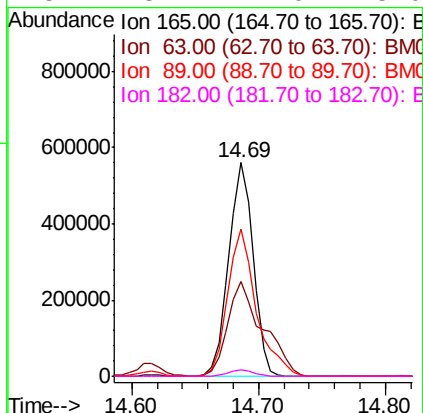
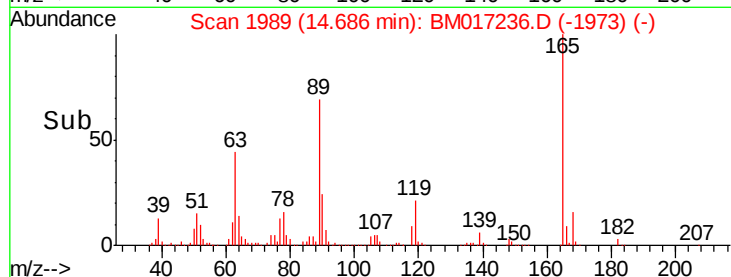
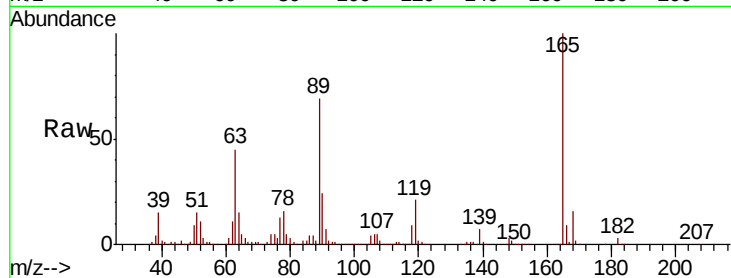




#57
 2,4-Dinitrotoluene
 Concen: 41.879 ng
 RT: 14.69 min Scan# 1989
 Delta R.T. -0.01 min
 Lab File: BM017236.D
 Acq: 19 Oct 2018 18:52

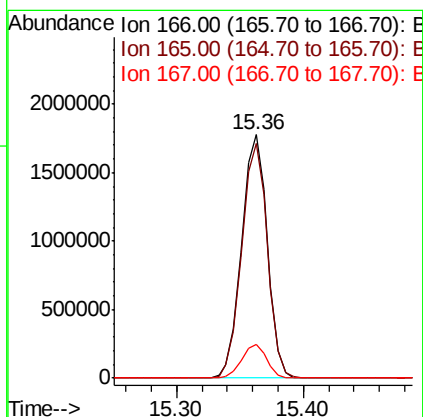
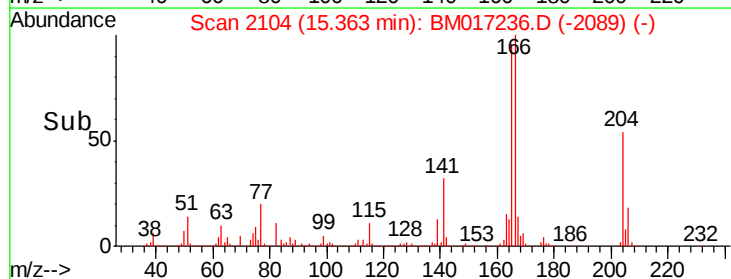
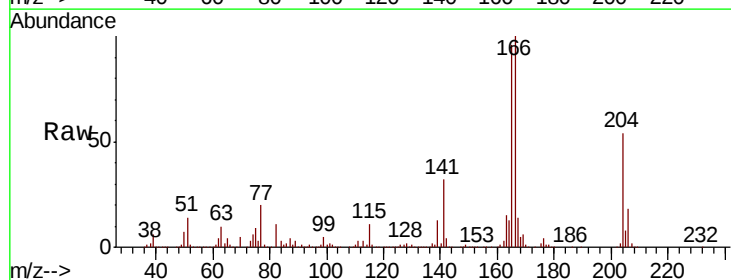
Instrument :
 BNA_M
 ClientSampleId :

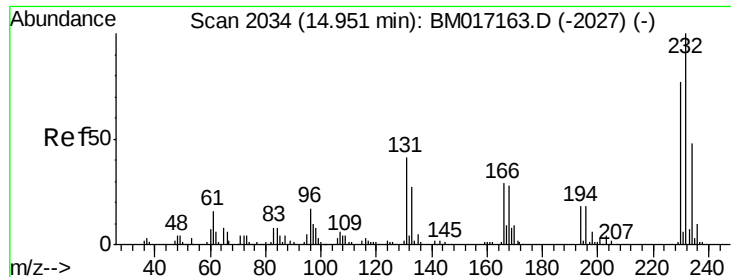
Tot Ion:165 Resp: 745690
 Ion Ratio Lower Upper
 165 100
 63 44.6 33.8 50.8
 89 69.1 53.1 79.7
 182 3.2 2.0 3.0#



#58
 Fluorene
 Concen: 42.967 ng
 RT: 15.36 min Scan# 2104
 Delta R.T. -0.01 min
 Lab File: BM017236.D
 Acq: 19 Oct 2018 18:52

Tgt Ion:166 Resp: 2486107
 Ion Ratio Lower Upper
 166 100
 165 96.3 78.1 117.1
 167 13.6 10.6 16.0

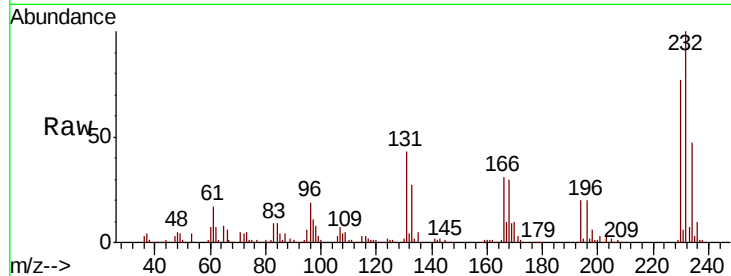




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.028 ng
RT: 14.94 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.7	33.1	49.7
130	2.2	1.7	2.5
166	31.2	24.4	36.6



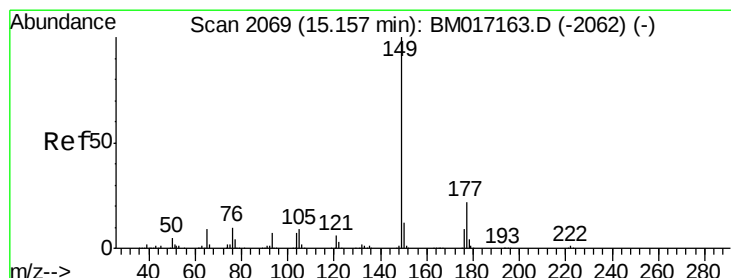
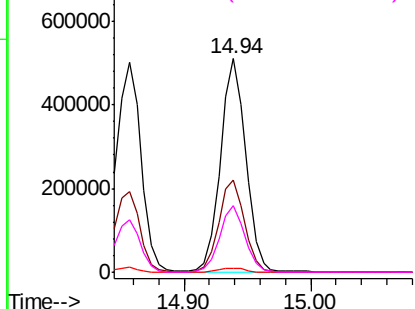
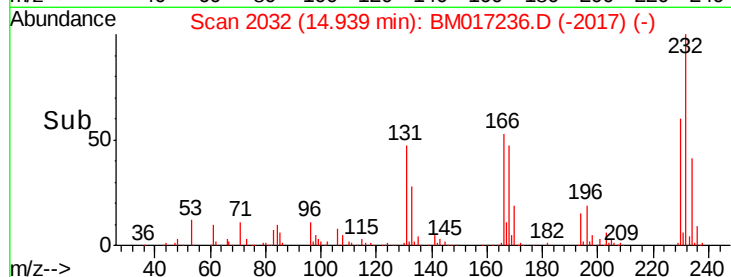
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

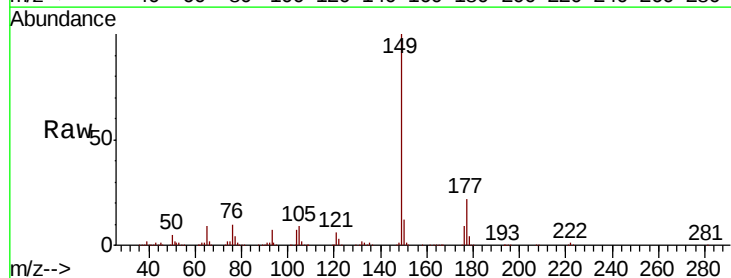
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 41.134 ng
RT: 15.15 min Scan# 2068
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.7	26.5
150	12.3	10.0	15.0

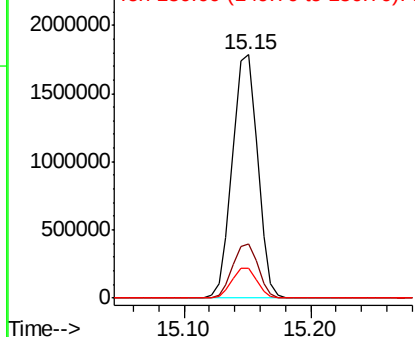
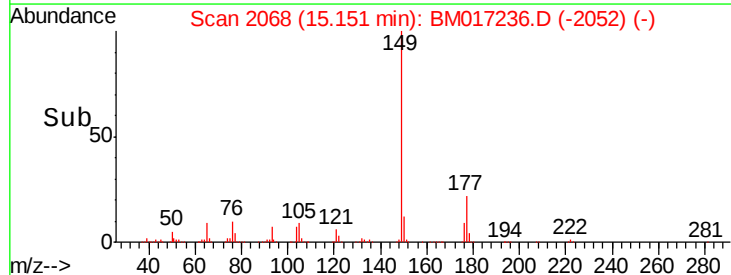


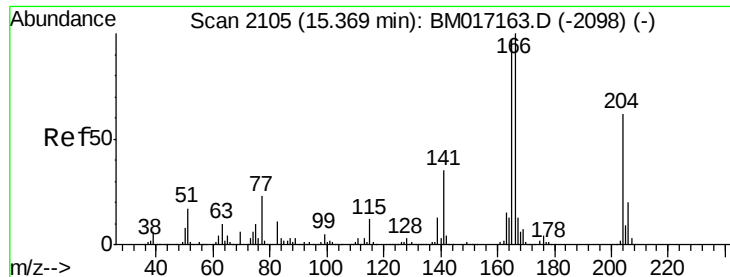
Abundance

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

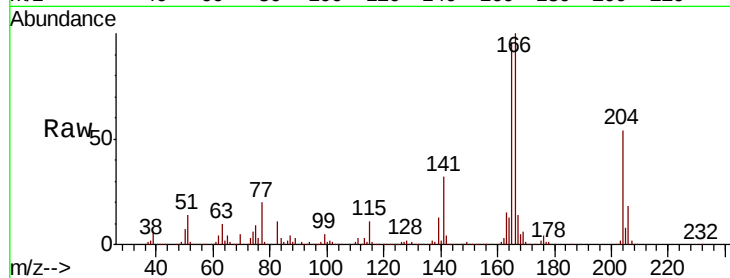




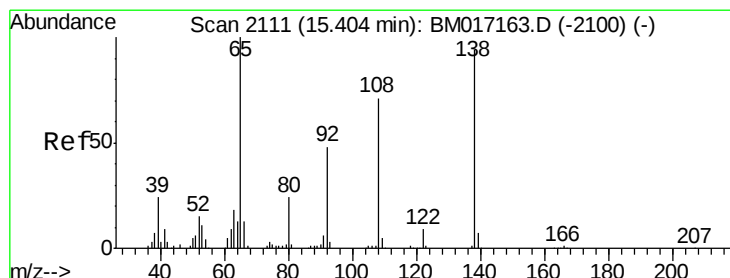
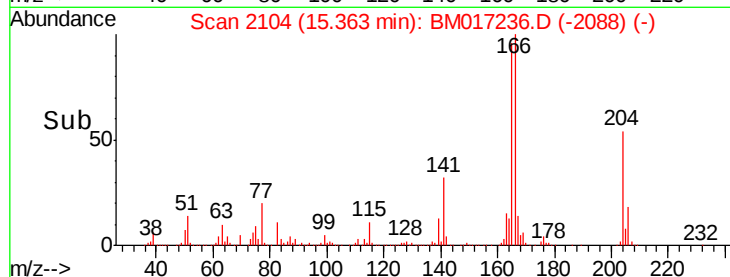
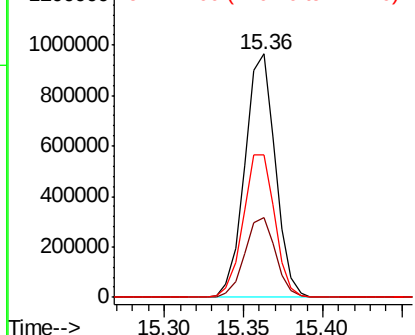
#61
4-Chlorophenyl-phenylether
Concen: 39.028 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion:204 Resp: 1287404
Ion Ratio Lower Upper
204 100
206 32.9 26.1 39.1
141 58.5 45.4 68.2

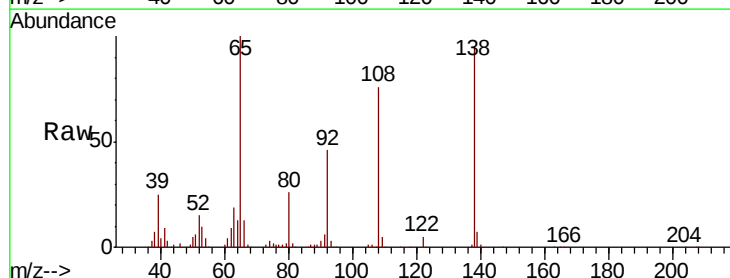


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

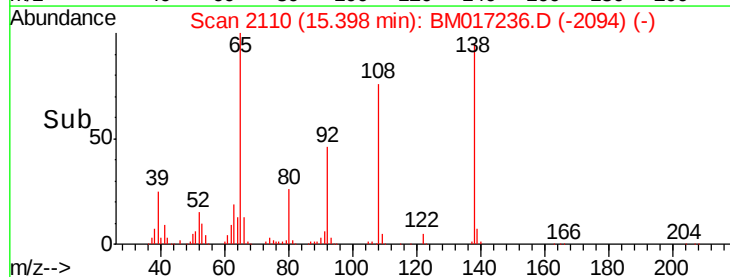
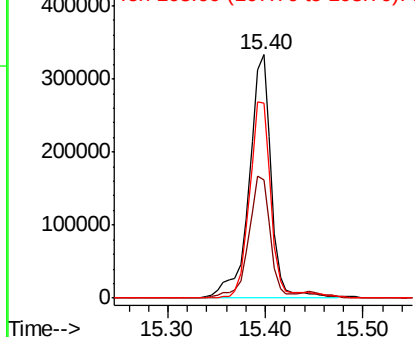


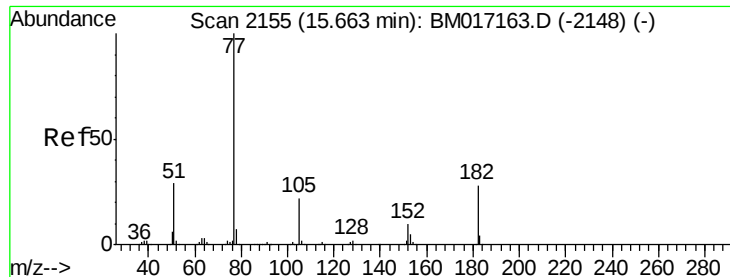
#62
4-Nitroaniline
Concen: 34.553 ng
RT: 15.40 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Tgt Ion:138 Resp: 529604
Ion Ratio Lower Upper
138 100
92 48.6 31.2 71.2
108 80.1 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

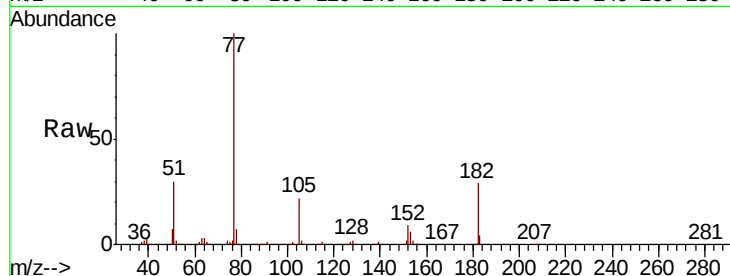




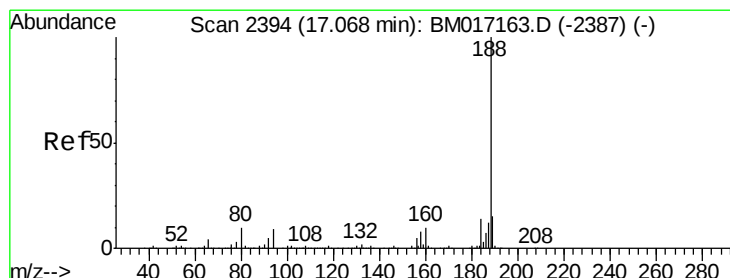
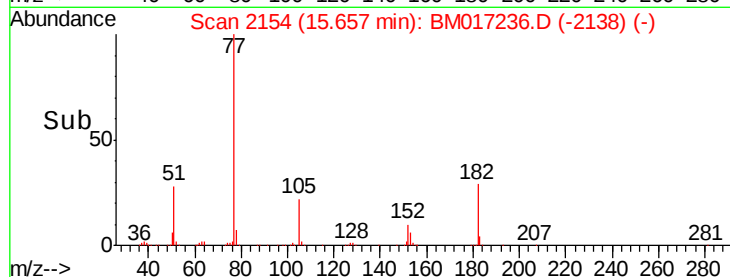
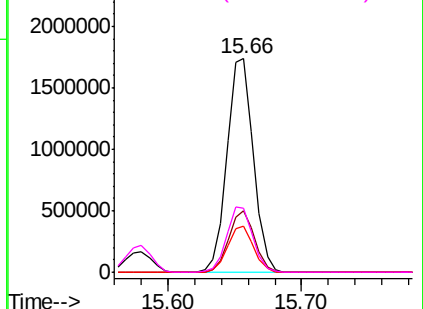
#63
Azobenzene
Concen: 41.444 ng
RT: 15.66 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 77 Resp: 2404642
Ion Ratio Lower Upper
77 100
182 28.7 8.3 48.3
105 21.7 1.5 41.5
51 30.0 8.8 48.8

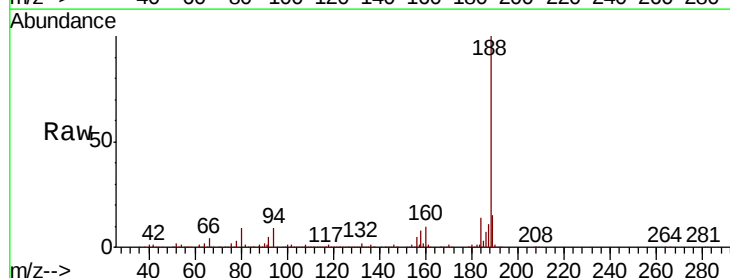


Abundance Ion 77.00 (76.70 to 77.70): BM017236.D (-2148) (-)
Ion 182.00 (181.70 to 182.70): BM017236.D (-2148) (-)
Ion 105.00 (104.70 to 105.70): BM017236.D (-2148) (-)
Ion 51.00 (50.70 to 51.70): BM017236.D (-2148) (-)

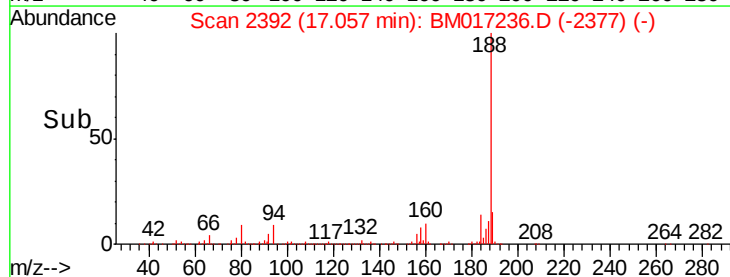
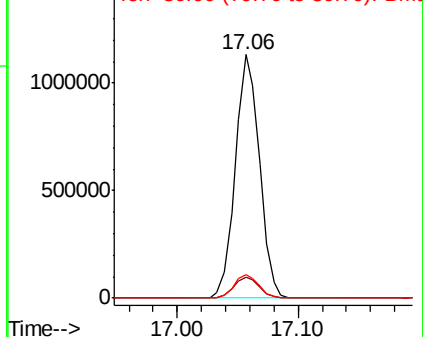


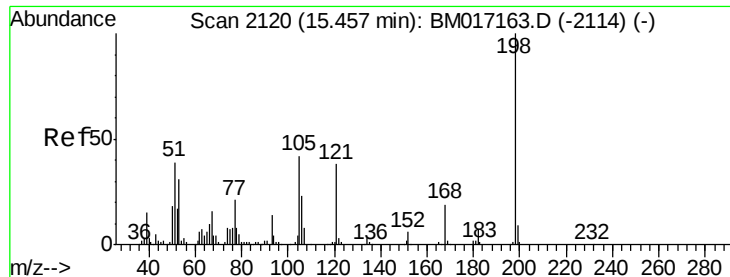
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Tgt Ion: 188 Resp: 1578046
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.4
80 9.5 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): BM017236.D (-2377) (-)
Ion 94.00 (93.70 to 94.70): BM017236.D (-2377) (-)
Ion 80.00 (79.70 to 80.70): BM017236.D (-2377) (-)

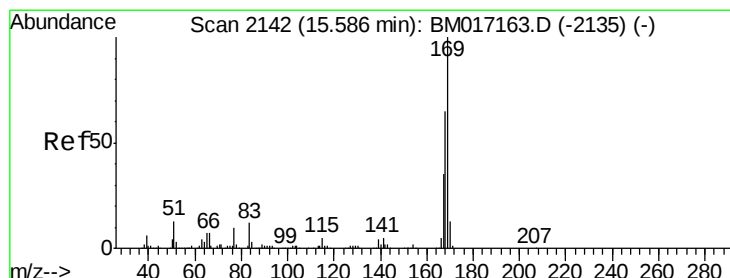
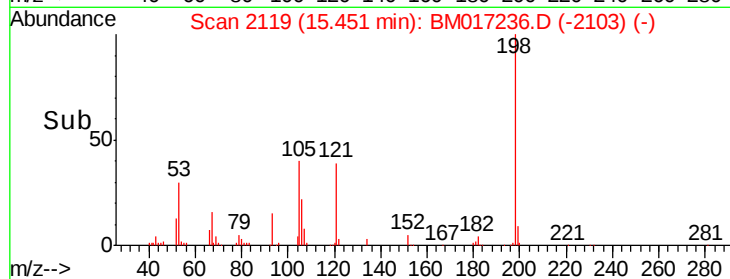
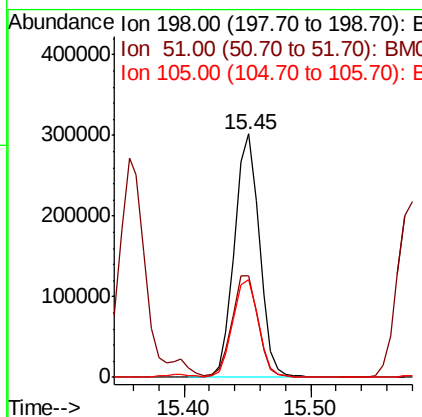
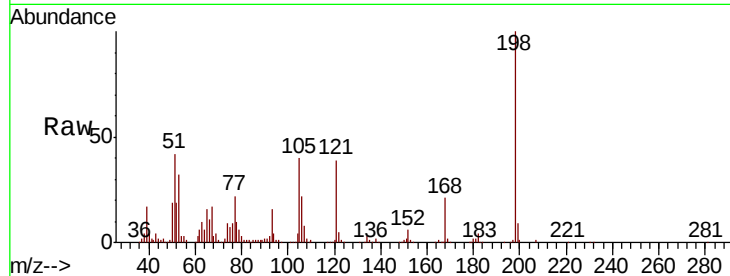




#65
 4,6-Dinitro-2-methylphenol
 Concen: 41.534 ng
 RT: 15.45 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BM017236.D
 Acq: 19 Oct 2018 18:52

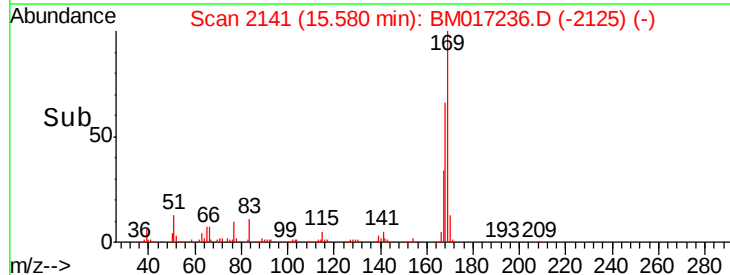
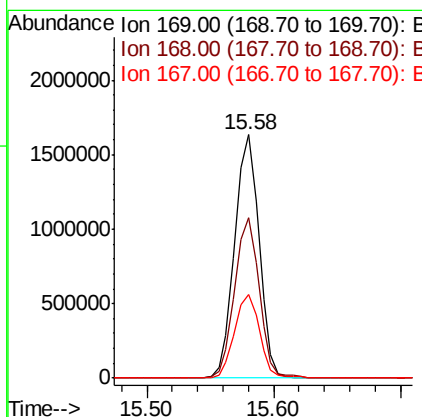
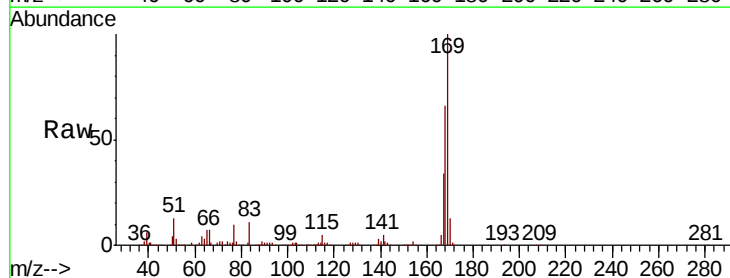
Instrument :
 BNA_M
 ClientSampleId :

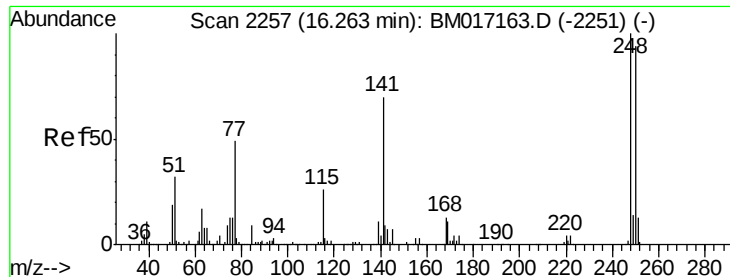
Tot Ion	198	Resp	409696
Ion	Ratio	Lower	Upper
198	100		
51	41.7	20.3	60.3
105	39.9	21.9	61.9



#66
 n-Nitrosodiphenylamine
 Concen: 45.409 ng
 RT: 15.58 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: BM017236.D
 Acq: 19 Oct 2018 18:52

Tgt Ion	169	Resp	2167963
Ion	Ratio	Lower	Upper
169	100		
168	65.8	52.2	78.4
167	34.4	28.4	42.6

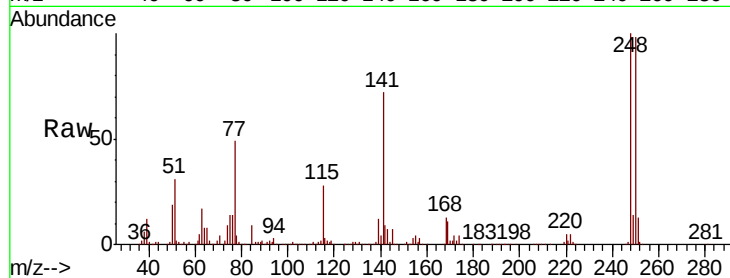




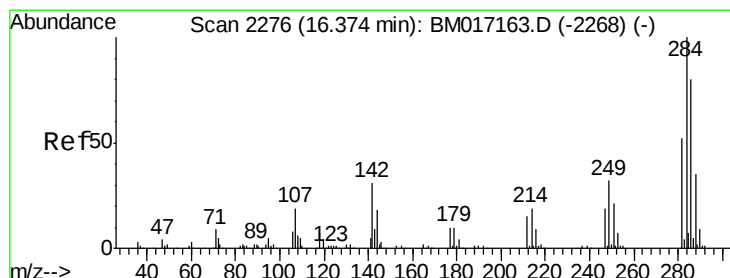
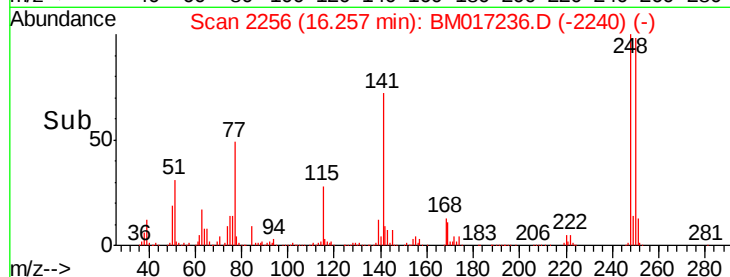
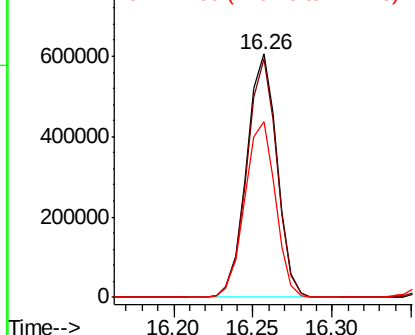
#67
4-Bromophenyl-phenylether
Concen: 46.586 ng
RT: 16.26 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion:248 Resp: 807203
Ion Ratio Lower Upper
248 100
250 98.0 75.1 112.7
141 72.2 55.6 83.4

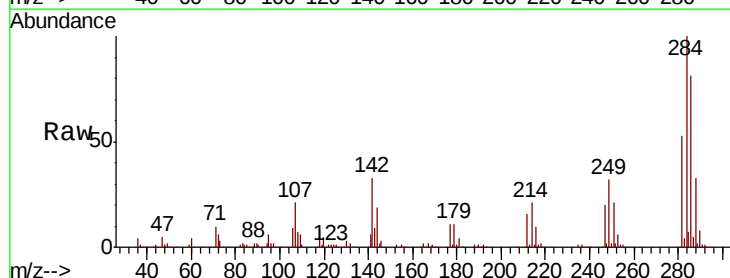


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

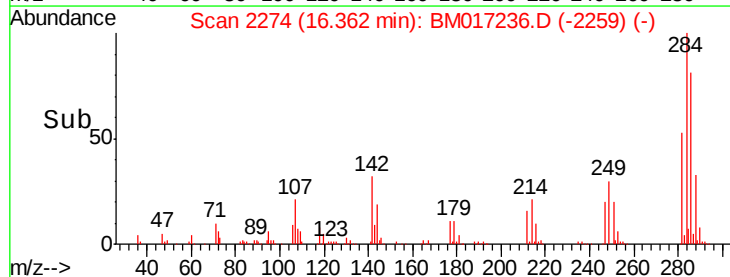
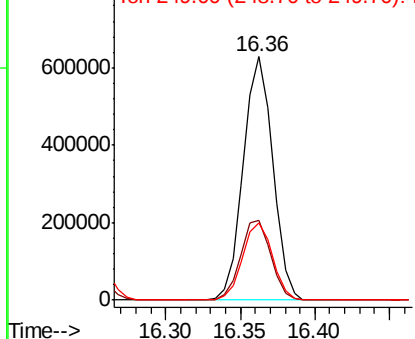


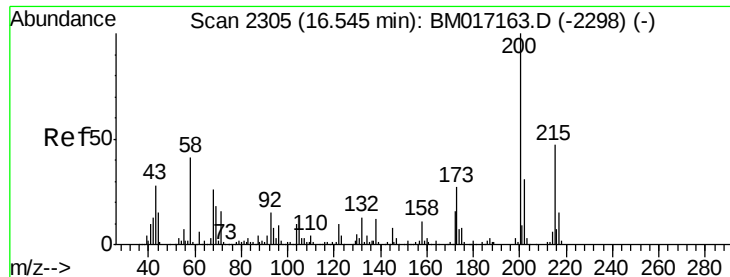
#68
Hexachlorobenzene
Concen: 42.633 ng
RT: 16.36 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Tgt Ion:284 Resp: 858080
Ion Ratio Lower Upper
284 100
142 32.6 25.0 37.6
249 31.7 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

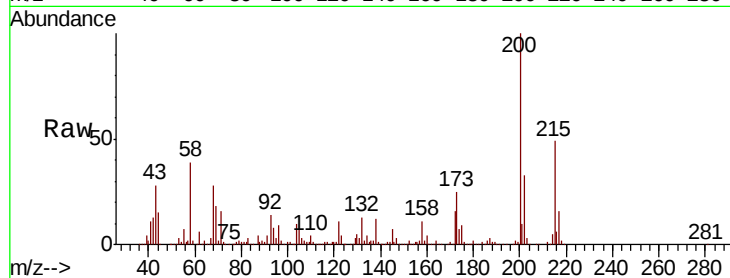




#69
Atrazine
Concen: 43.773 ng
RT: 16.54 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.4	7.0	47.0
215	49.5	27.3	67.3

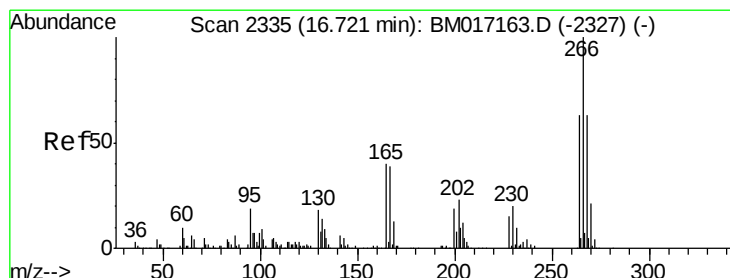
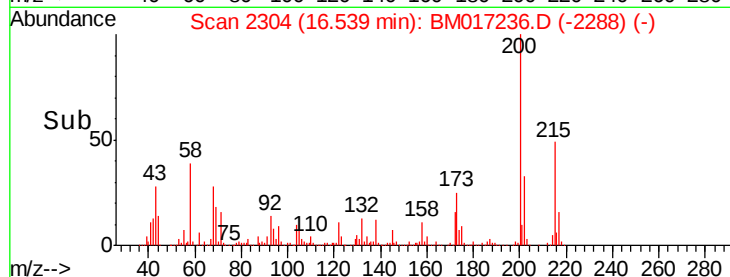
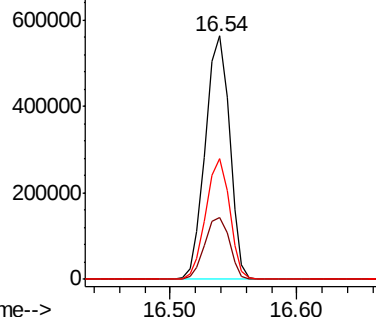


Abundance

Ion 200.00 (199.70 to 200.70): E

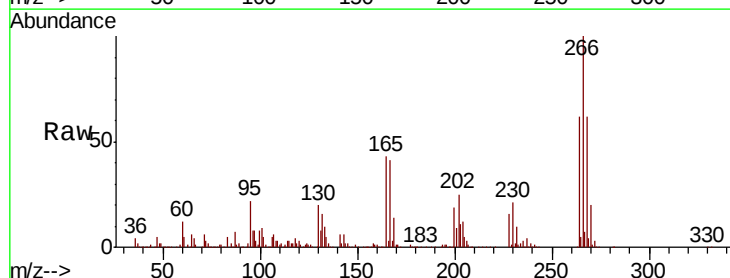
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 70.987 ng
RT: 16.71 min Scan# 2333
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.5	50.7	76.1
264	62.4	50.4	75.6

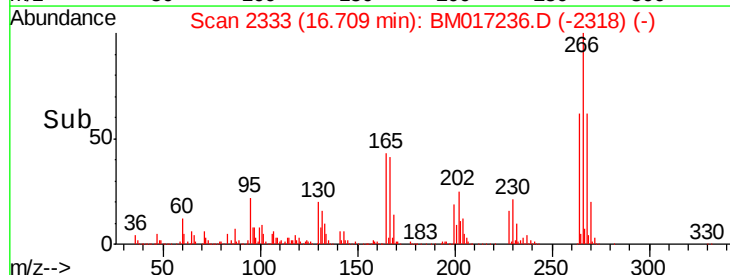
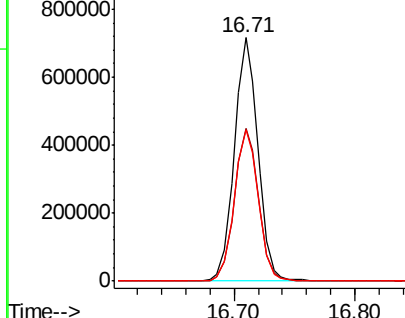


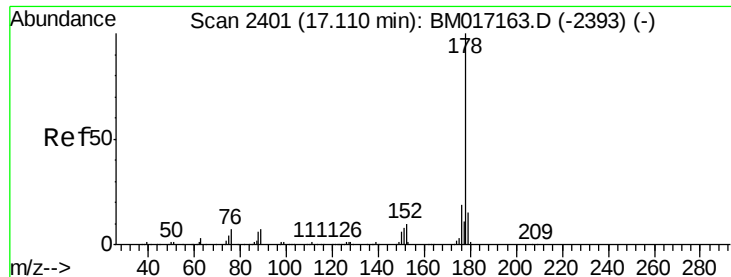
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

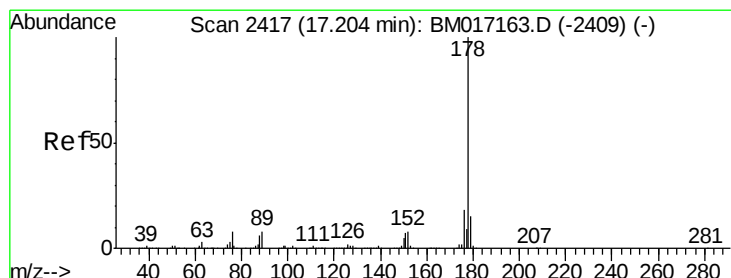
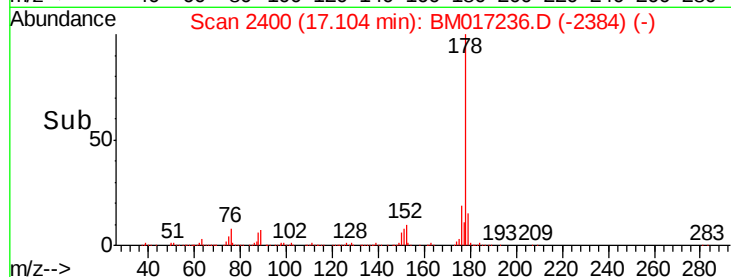
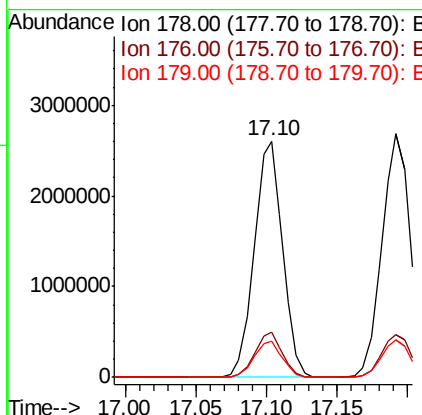
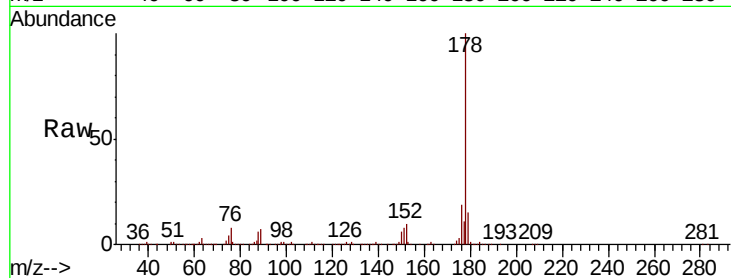




#71
Phenanthrene
Concen: 43.215 ng
RT: 17.10 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

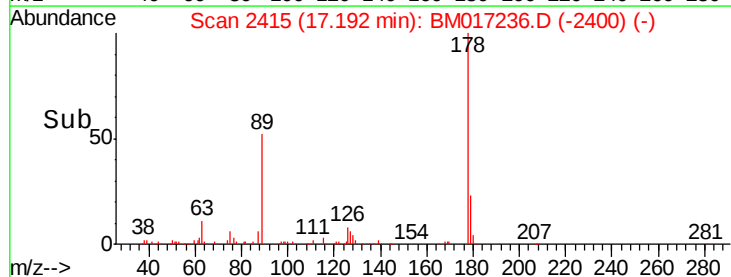
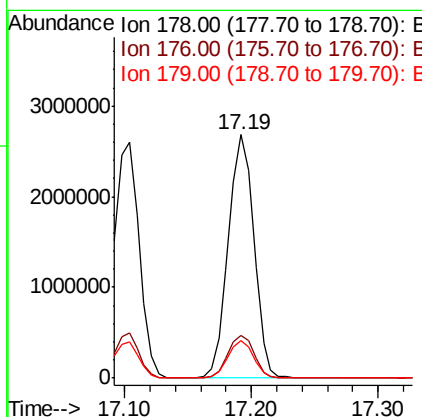
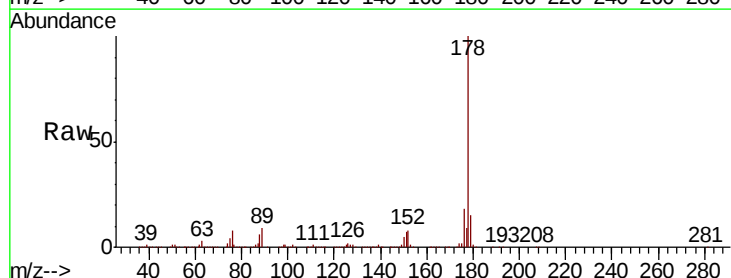
Instrument :
BNA_M
ClientSampleId :

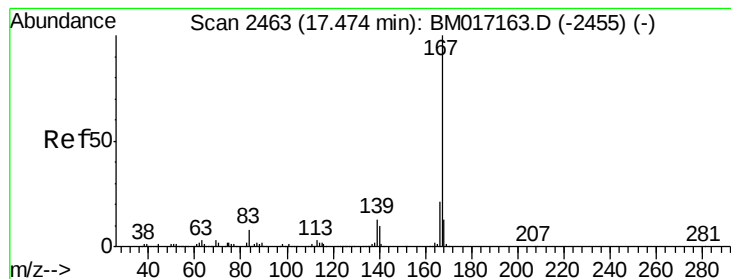
Tot Ion:178 Resp: 3679346
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.6
179 15.2 12.3 18.5



#72
Anthracene
Concen: 46.396 ng
RT: 17.19 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM017236.D
Acq: 19 Oct 2018 18:52

Tgt Ion:178 Resp: 3753373
Ion Ratio Lower Upper
178 100
176 17.7 14.5 21.7
179 15.4 12.2 18.2





#73

Carbazole

Concen: 38.126 ng

RT: 17.47 min Scan# 2462

Delta R.T. -0.01 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

Instrument :

BNA_M

ClientSampleId :

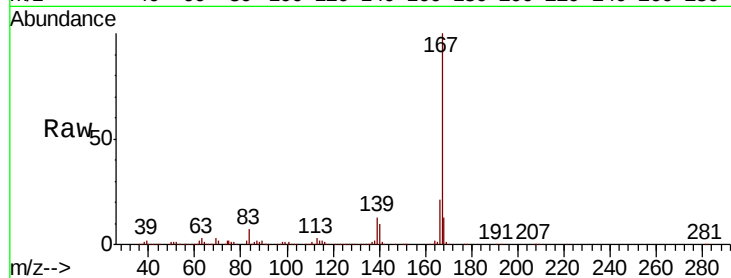
Tot Ion:167 Resp: 3150701

Ion Ratio Lower Upper

167 100

166 21.3 17.1 25.7

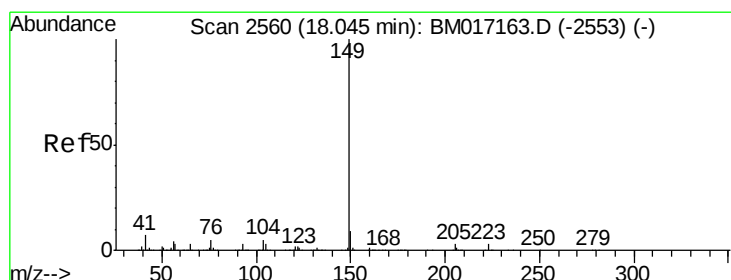
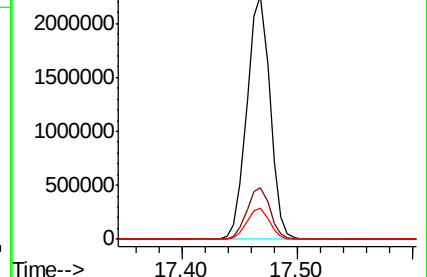
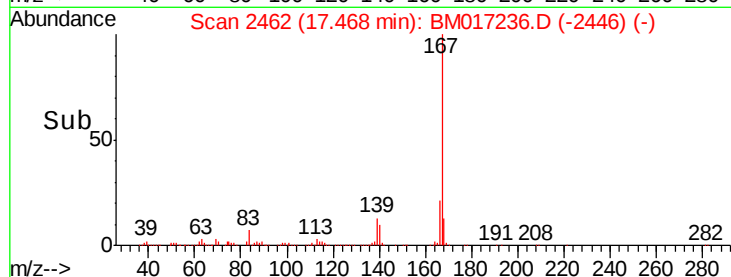
139 12.8 10.1 15.1



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: 42.263 ng

RT: 18.04 min Scan# 2559

Delta R.T. -0.01 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

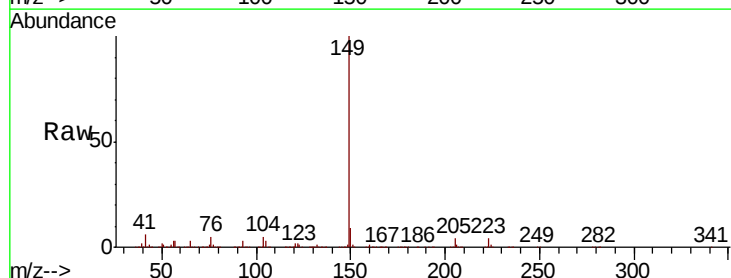
Tgt Ion:149 Resp: 3683686

Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

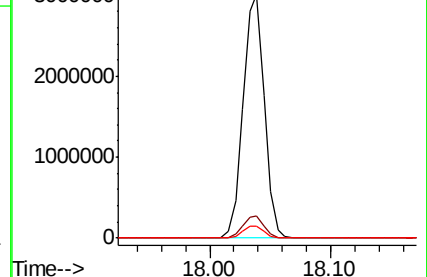
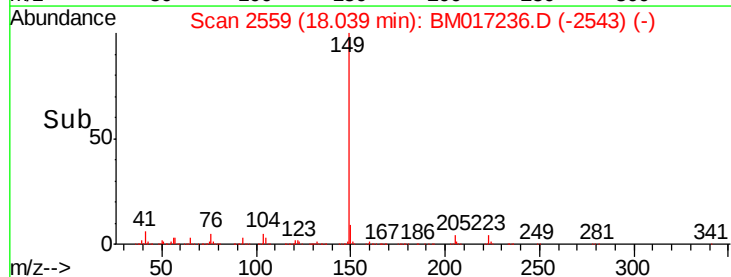
104 5.0 4.3 6.5

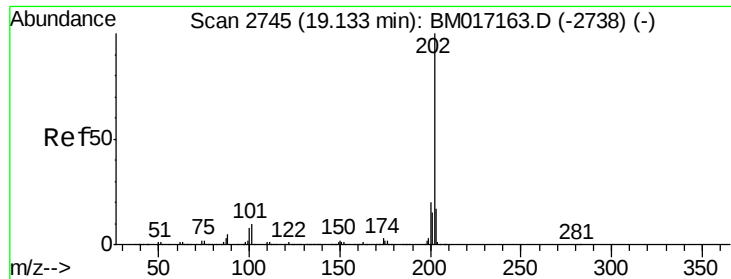


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.359 ng

RT: 19.12 min Scan# 2743

Delta R.T. -0.01 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

Instrument :

BNA_M

ClientSampleId :

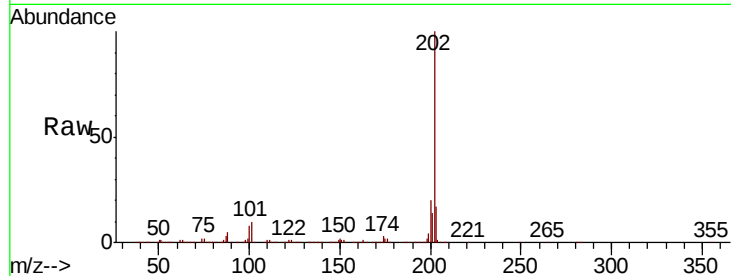
Tot Ion:202 Resp: 3770787

Ion Ratio Lower Upper

202 100

101 10.0 0.0 30.0

203 17.2 0.0 37.2

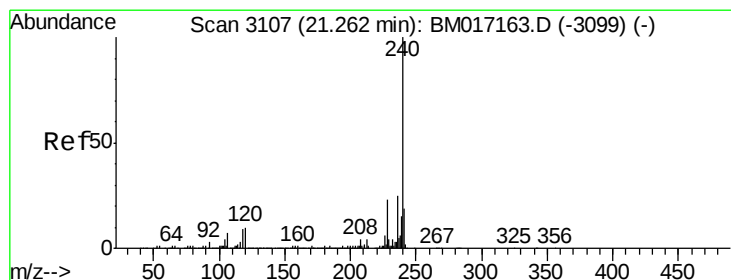
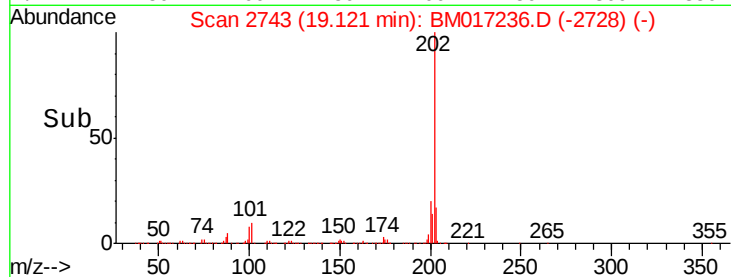
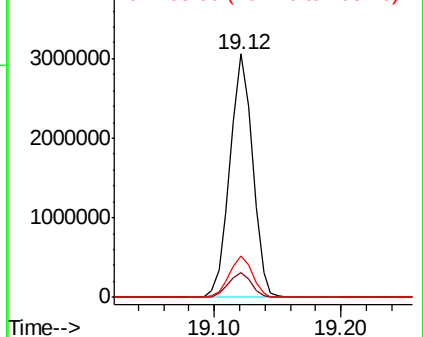


Abundance

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: BM017236.D

Acq: 19 Oct 2018 18:52

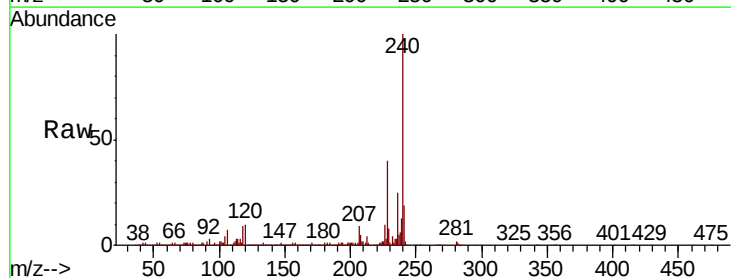
Tgt Ion:240 Resp: 1257354

Ion Ratio Lower Upper

240 100

120 10.1 8.1 12.1

236 24.6 19.9 29.9

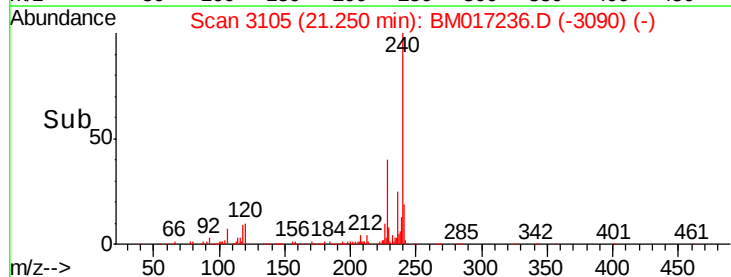
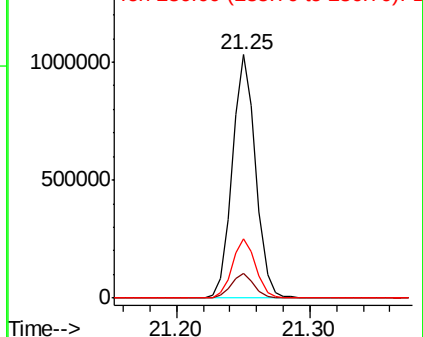


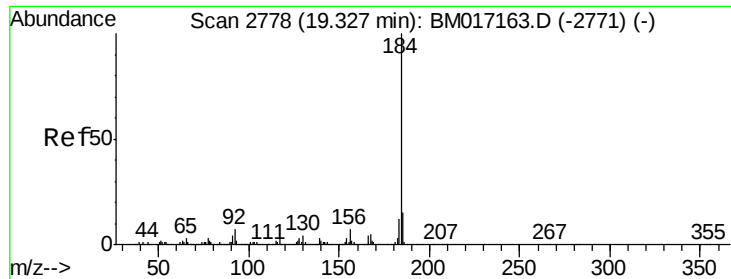
Abundance

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: 52.815 ng

RT: 19.32 min Scan# 2776

Delta R.T. -0.01 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

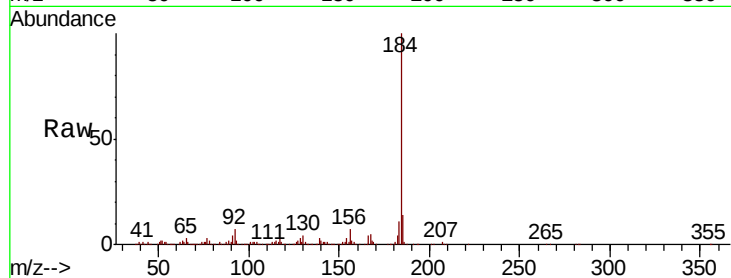
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 1683847

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.8	17.8
183	11.4	9.7	14.5

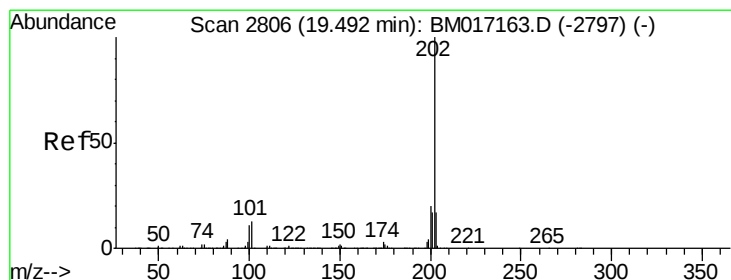
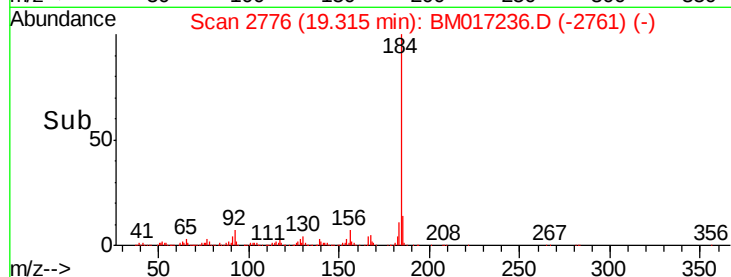
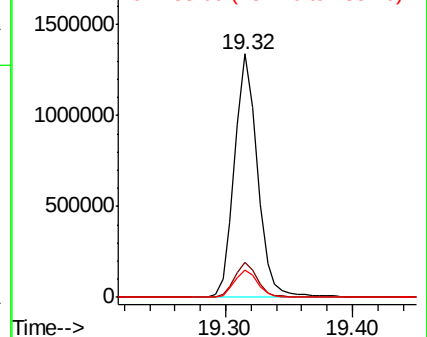


Abundance

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: 53.881 ng

RT: 19.49 min Scan# 2805

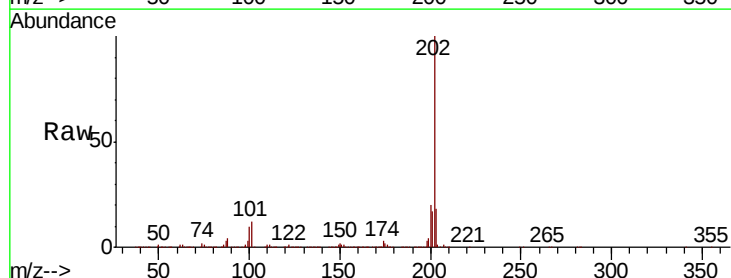
Delta R.T. -0.01 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

Tgt Ion:202 Resp: 3786425

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.3	24.5
203	17.6	13.9	20.9

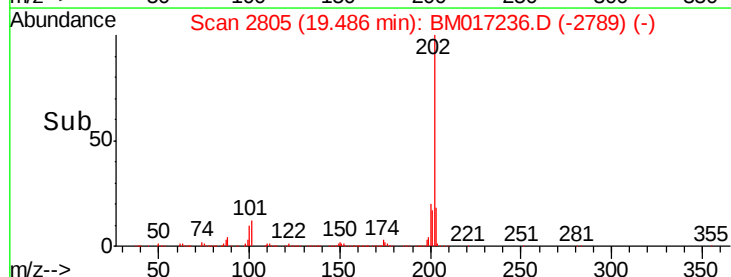
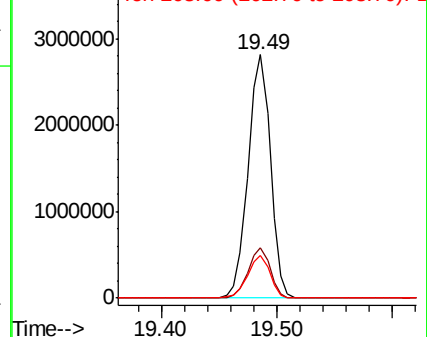


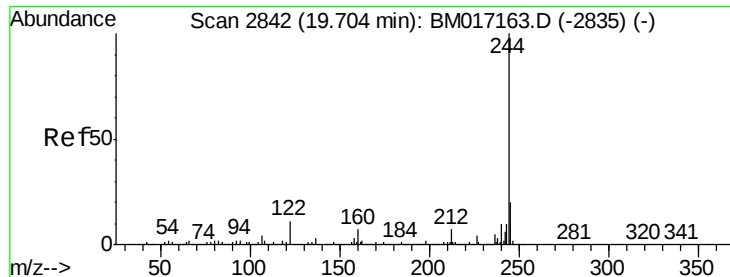
Abundance

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: 75.541 ng

RT: 19.70 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

Instrument :

BNA_M

ClientSampleId :

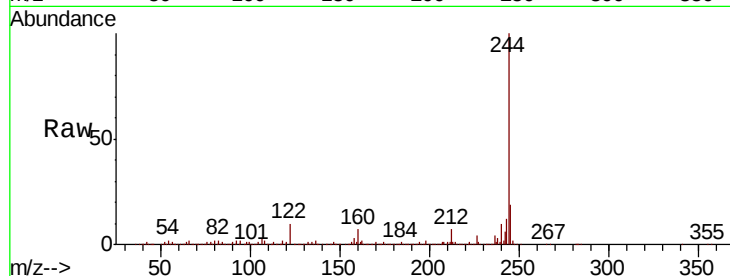
Tot Ion:244 Resp: 4213922

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

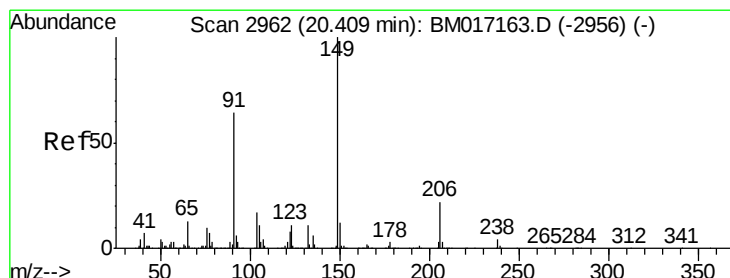
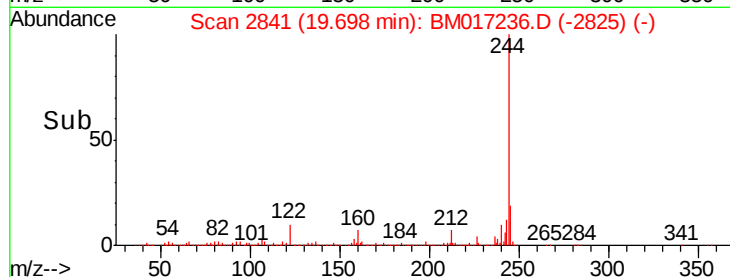
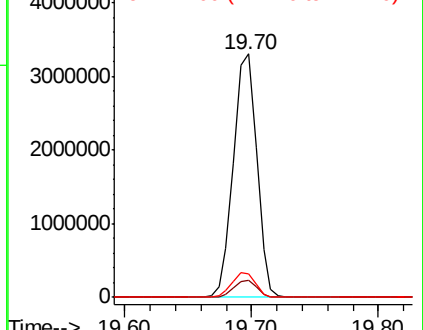
122 9.7 8.4 12.6



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: 49.424 ng

RT: 20.40 min Scan# 2960

Delta R.T. -0.01 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

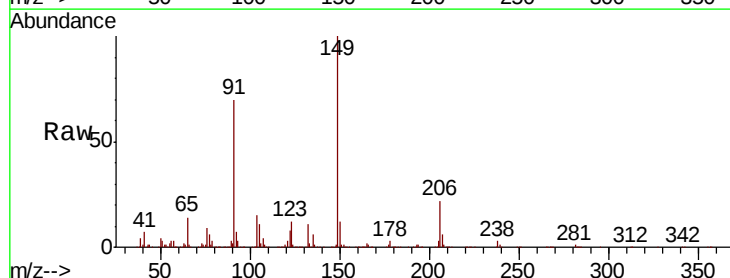
Tgt Ion:149 Resp: 1328354

Ion Ratio Lower Upper

149 100

91 70.0 51.3 76.9

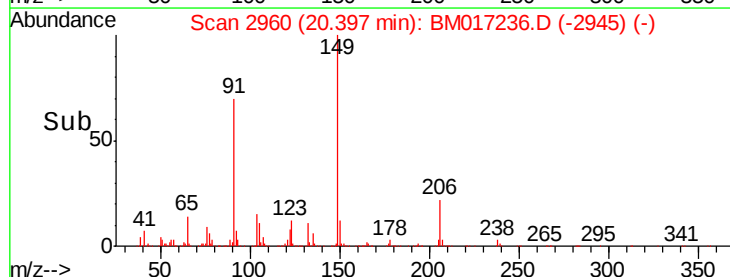
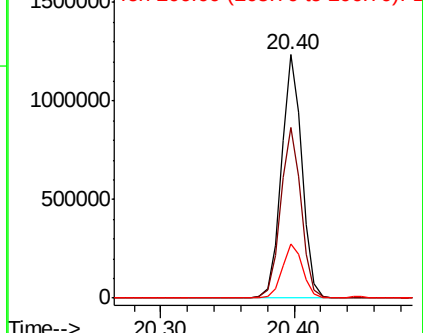
206 22.3 18.0 27.0

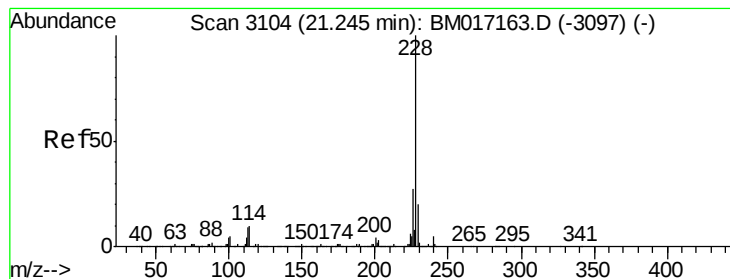


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.645 ng

RT: 21.23 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

Instrument :

BNA_M

ClientSampleId :

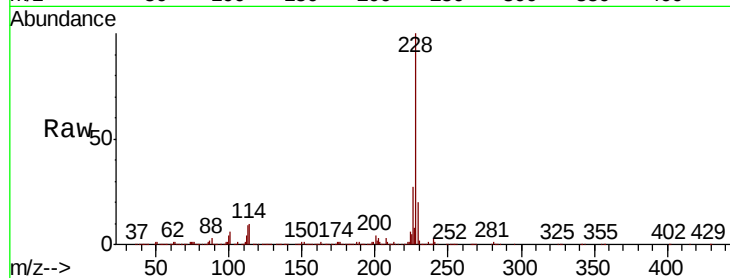
Tot Ion:228 Resp: 3158954

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.4	32.0
229	20.1	15.9	23.9

228 100

226 26.5 21.4 32.0

229 20.1 15.9 23.9

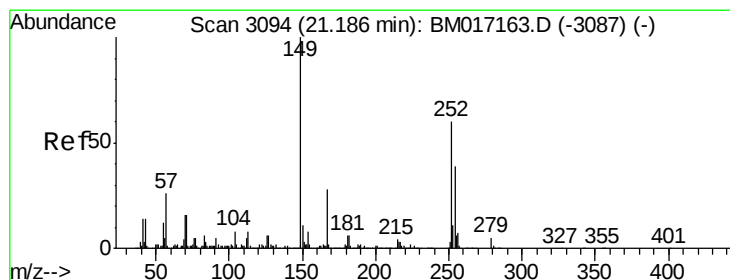
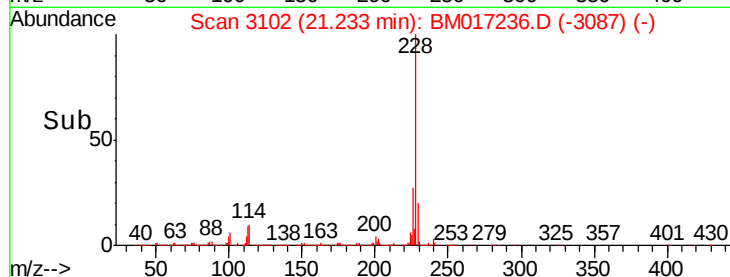
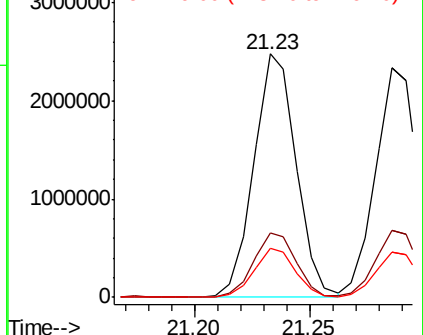


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.052 ng

RT: 21.17 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

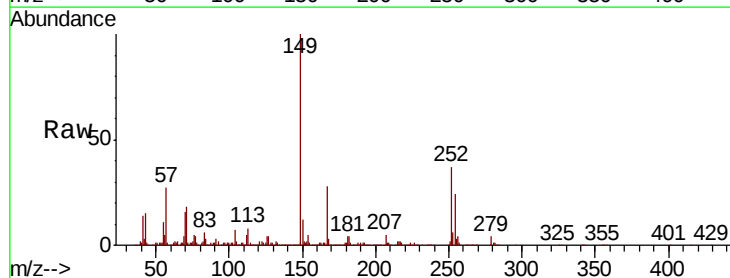
Tgt Ion:252 Resp: 713389

Ion	Ratio	Lower	Upper
252	100		
254	64.1	52.1	78.1
126	10.8	8.6	12.8

252 100

254 64.1 52.1 78.1

126 10.8 8.6 12.8

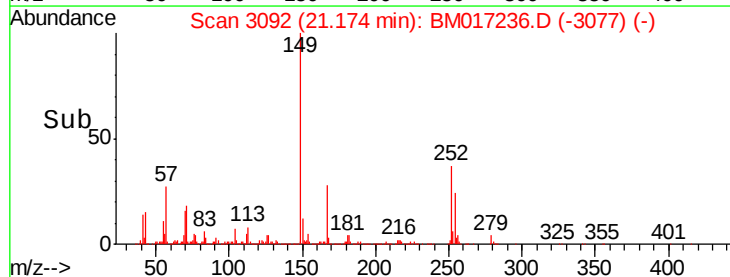
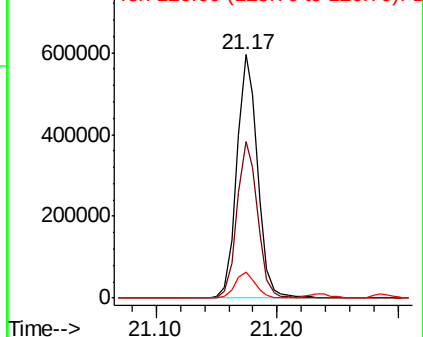


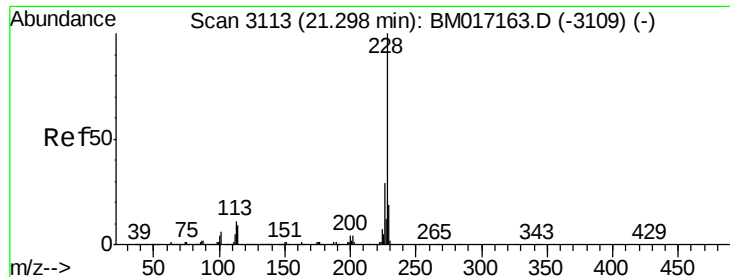
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 42.368 ng

RT: 21.29 min Scan# 3111

Delta R.T. -0.01 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

Instrument :

BNA_M

ClientSampleId :

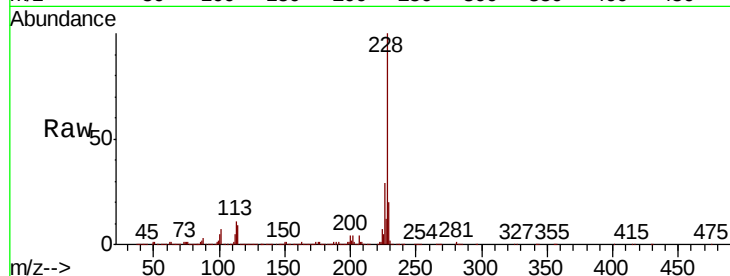
Tot Ion:228 Resp: 2967199

Ion Ratio Lower Upper

228 100

226 29.3 23.3 34.9

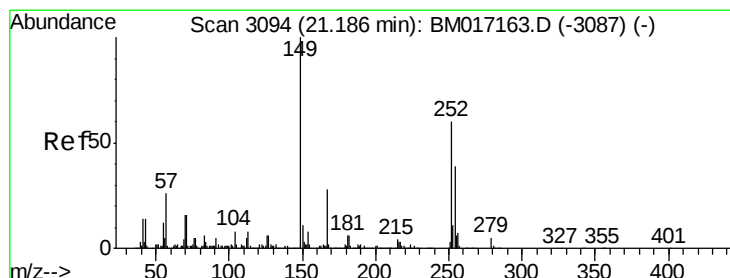
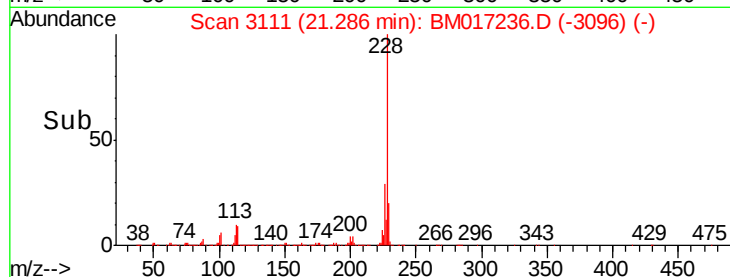
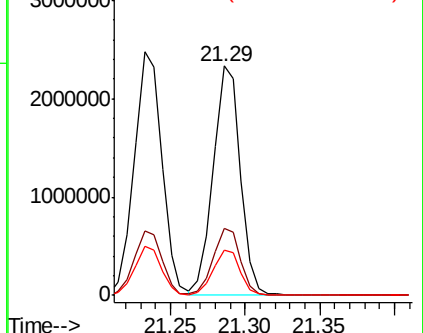
229 19.7 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.765 ng

RT: 21.17 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

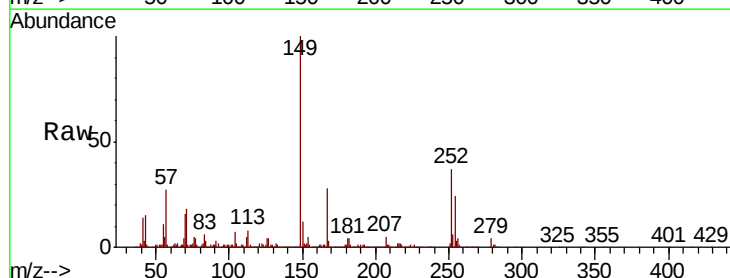
Tgt Ion:149 Resp: 1815075

Ion Ratio Lower Upper

149 100

167 27.7 22.2 33.4

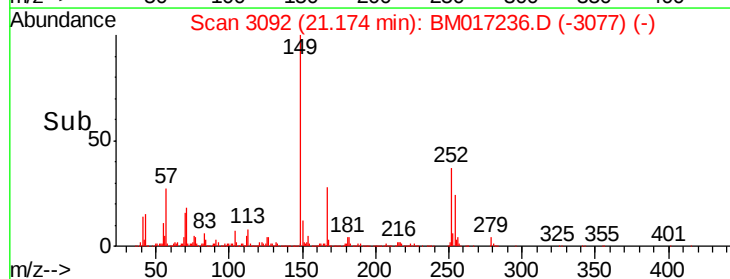
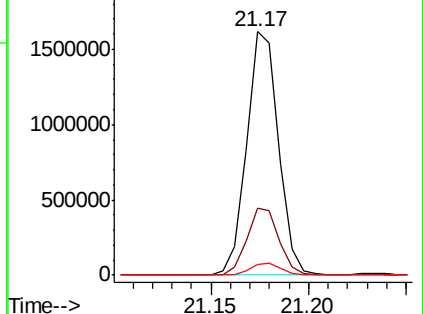
279 4.3 3.6 5.4

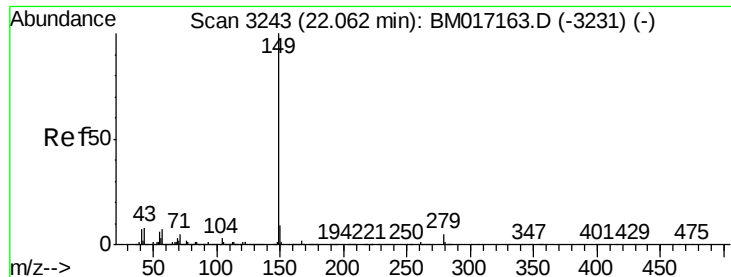


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.755 ng

RT: 22.05 min Scan# 3241

Delta R.T. -0.01 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

Instrument :

BNA_M

ClientSampleId :

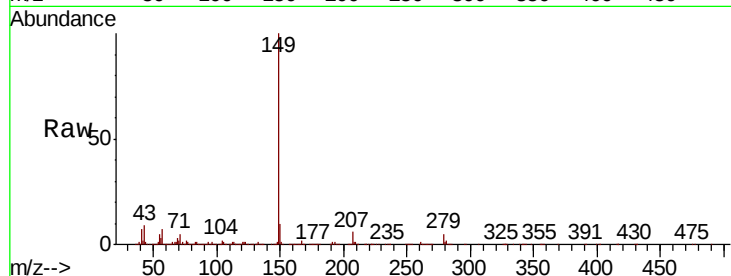
Tot Ion:149 Resp: 2758935

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

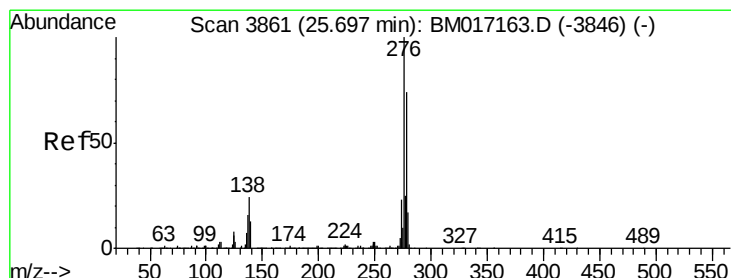
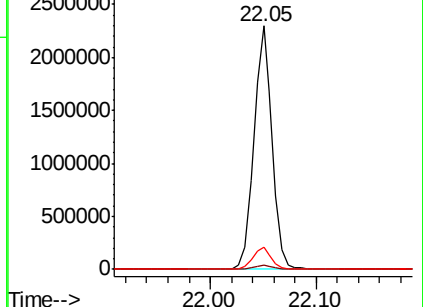
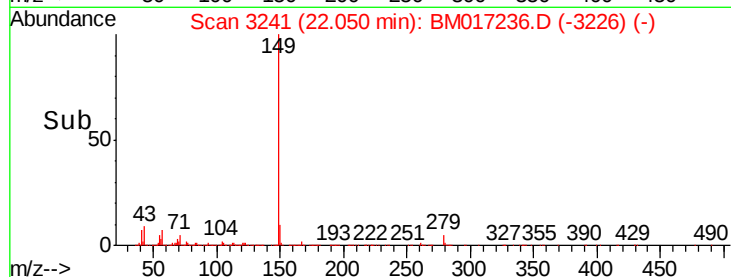
43 9.0 7.2 10.8



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: 34.413 ng

RT: 25.67 min Scan# 3857

Delta R.T. -0.02 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

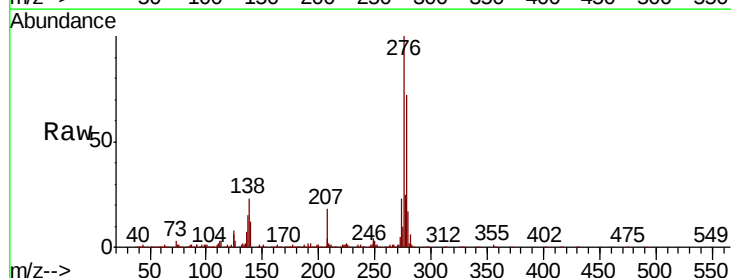
Tgt Ion:276 Resp: 2695672

Ion Ratio Lower Upper

276 100

138 22.7 19.5 29.3

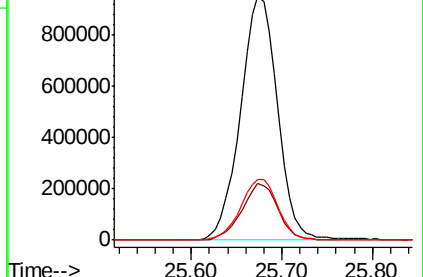
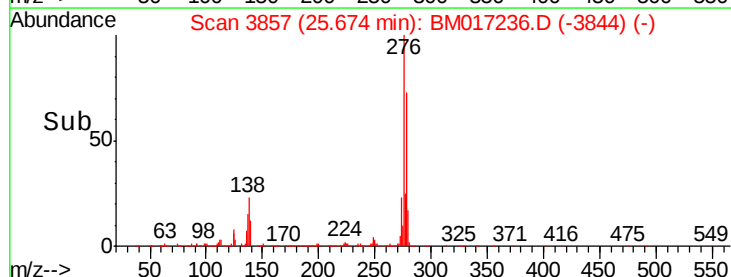
277 25.3 20.1 30.1

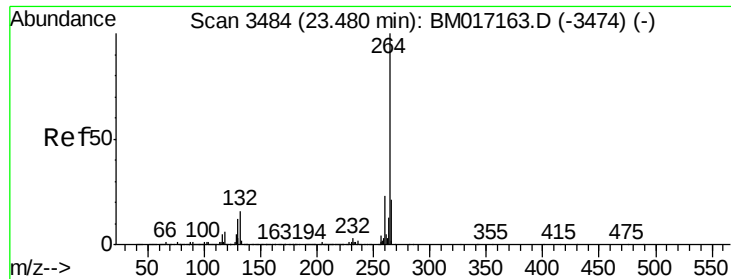


Abundance Ion 276.00 (275.70 to 276.70): E

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: BM017236.D

Acq: 19 Oct 2018 18:52

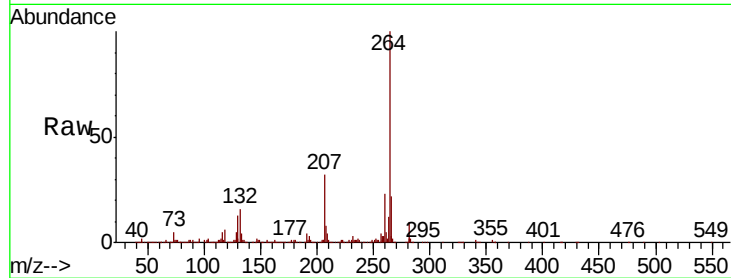
Instrument :

BNA_M

ClientSampleId :

Tot Ion:264 Resp: 1026342

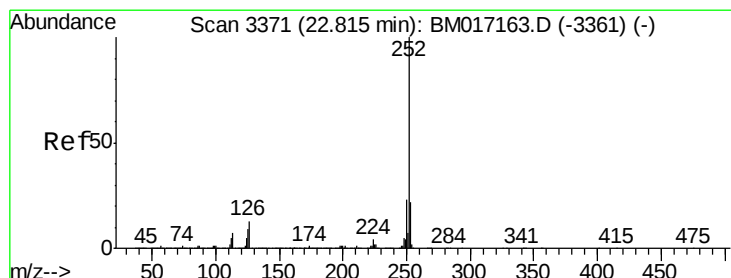
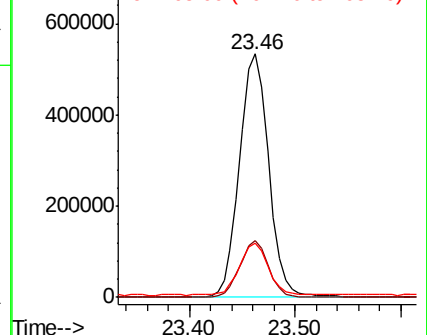
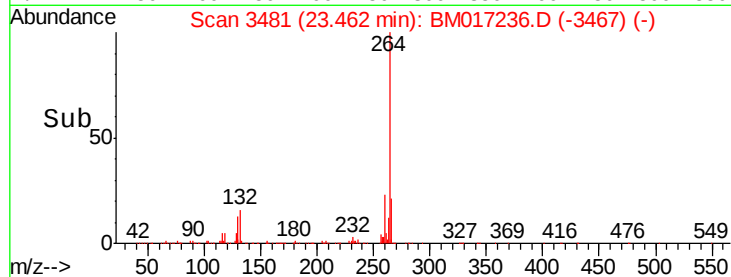
Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	27.8
265	22.4	17.8	26.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 46.561 ng

RT: 22.80 min Scan# 3369

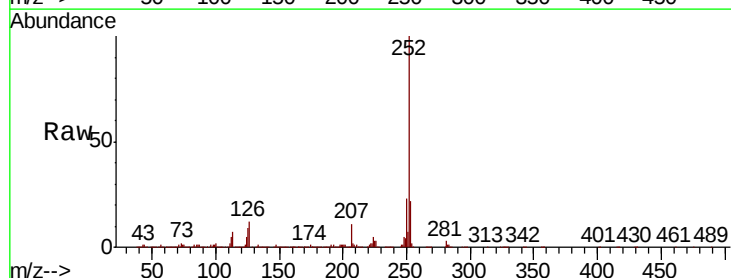
Delta R.T. -0.01 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

Tgt Ion:252 Resp: 2612703

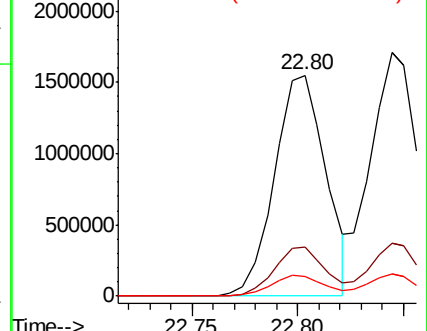
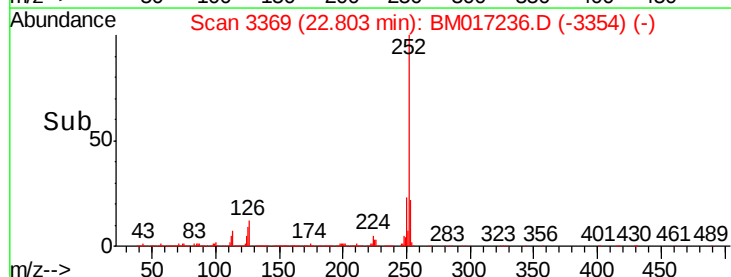
Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	8.9	7.5	11.3

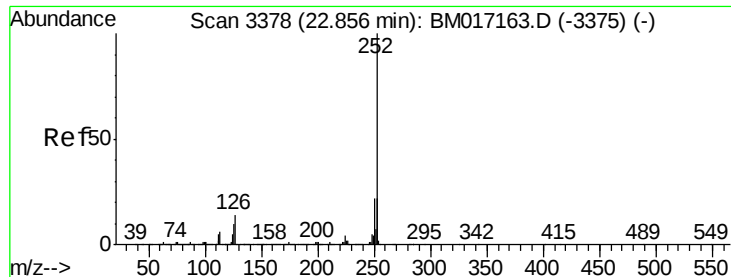


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 47.689 ng

RT: 22.84 min Scan# 3376

Delta R.T. -0.01 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

Instrument :

BNA_M

ClientSampleId :

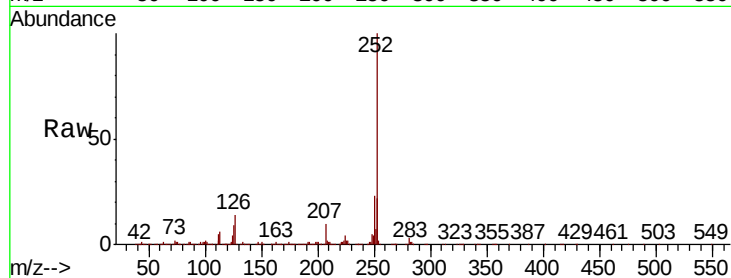
Tot Ion:252 Resp: 2685183

Ion Ratio Lower Upper

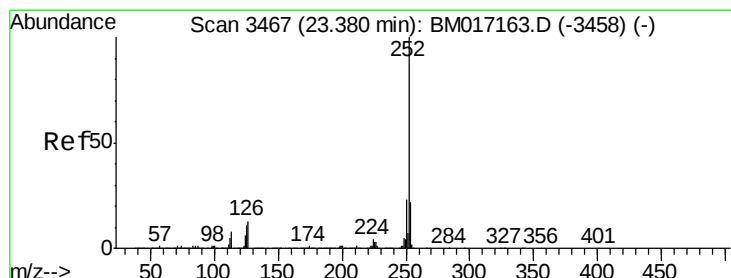
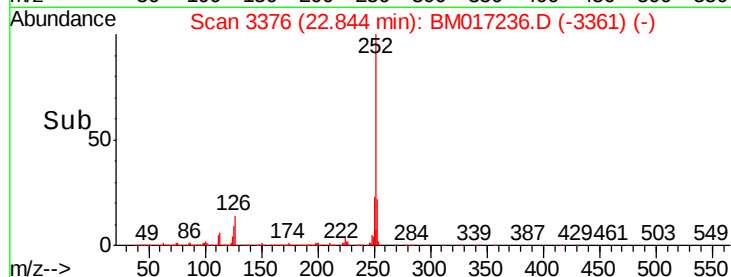
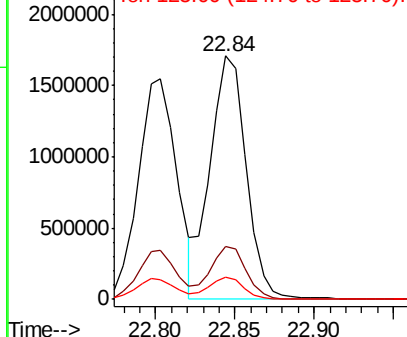
252 100

253 21.5 17.5 26.3

125 9.3 8.2 12.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 46.546 ng

RT: 23.37 min Scan# 3465

Delta R.T. -0.01 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

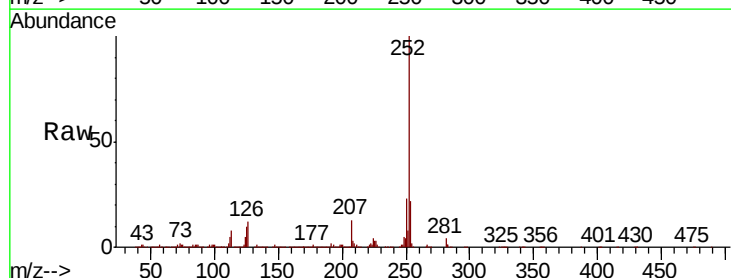
Tgt Ion:252 Resp: 2479916

Ion Ratio Lower Upper

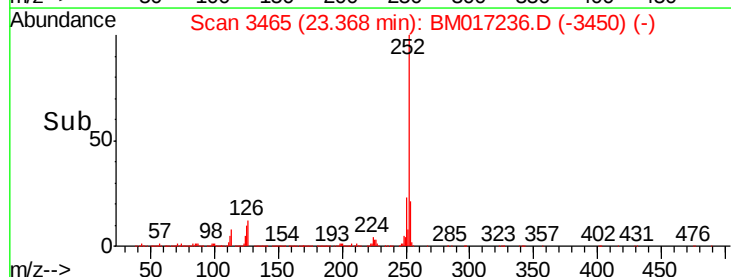
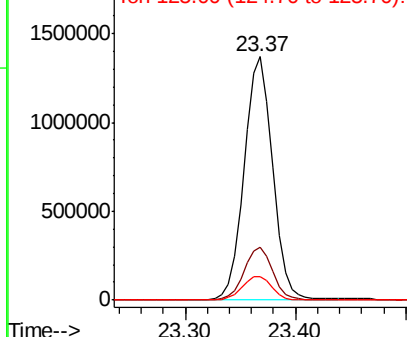
252 100

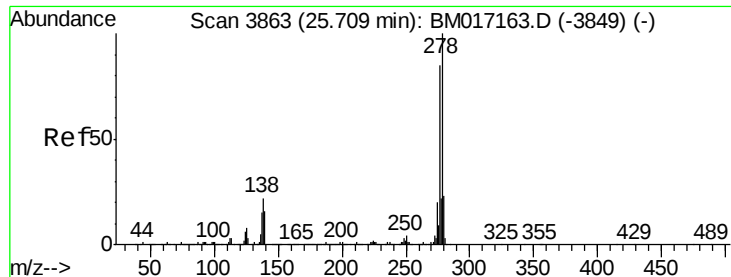
253 21.5 17.4 26.0

125 9.8 8.6 13.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 43.096 ng

RT: 25.69 min Scan# 3859

Delta R.T. -0.02 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

Instrument :

BNA_M

ClientSampleId :

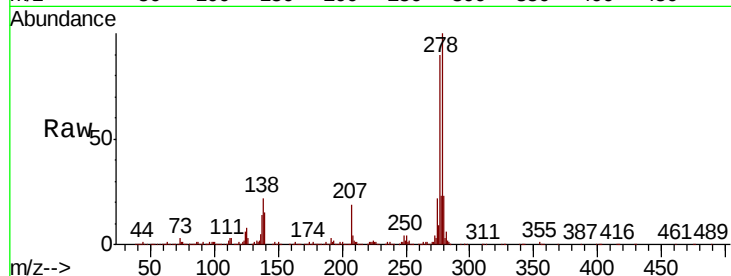
Tot Ion:278 Resp: 2279936

Ion Ratio Lower Upper

278 100

139 14.8 12.7 19.1

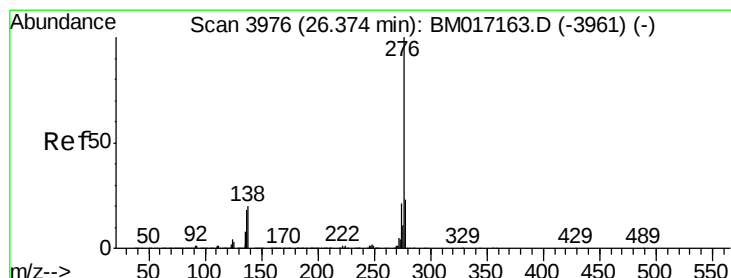
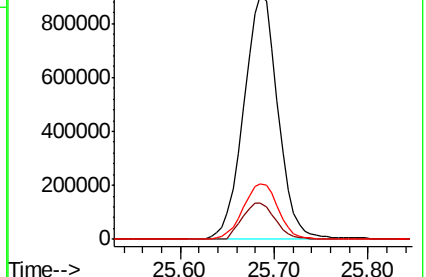
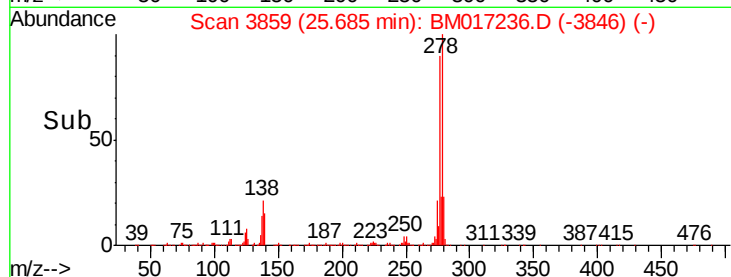
279 23.0 18.7 28.1



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: 42.800 ng

RT: 26.35 min Scan# 3972

Delta R.T. -0.02 min

Lab File: BM017236.D

Acq: 19 Oct 2018 18:52

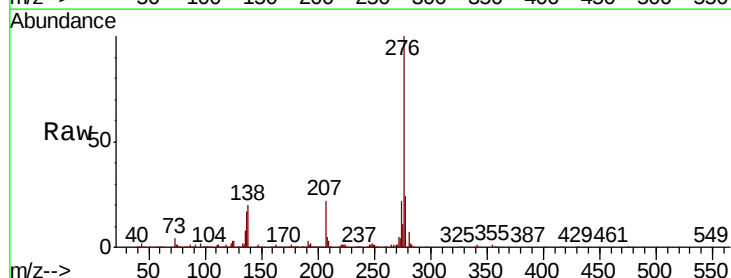
Tgt Ion:276 Resp: 2244156

Ion Ratio Lower Upper

276 100

277 23.9 18.6 28.0

138 20.2 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

