

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101918\
 Data File : BM017234.D
 Acq On : 19 Oct 2018 17:39
 Operator : MJ/SJ
 Sample : PB113993BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 20 03:52:07 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	329482	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	1432800	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	832245	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1755415	20.00	ng	-0.01
76) Chrysene-d12	21.26	240	1430348	20.00	ng	0.00
87) Perylene-d12	23.47	264	1143648	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	2795598	143.51	ng	0.00
7) Phenol-d6	6.86	99	3658376	137.89	ng	0.00
23) Nitrobenzene-d5	8.82	82	2022600	82.56	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	1464143	130.09	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	5058423	80.87	ng	0.00
79) Terphenyl-d14	19.70	244	4830385	76.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.27	88	292262	29.380	ng	# 87
3) Pyridine	3.65	79	845851	36.955	ng	# 84
4) n-Nitrosodimethylamine	3.56	42	400441	43.581	ng	# 71
6) Aniline	7.01	93	1276522	38.466	ng	96
8) 2-Chlorophenol	7.24	128	1018086	45.174	ng	97
9) Benzaldehyde	6.82	77	461253	27.266	ng	94
10) Phenol	6.88	94	1245637	43.623	ng	98
11) bis(2-Chloroethyl)ether	7.11	93	880560	38.685	ng	98
12) 1,3-Dichlorobenzene	7.56	146	1041181	39.631	ng	98
13) 1,4-Dichlorobenzene	7.70	146	1060186	39.499	ng	99
14) 1,2-Dichlorobenzene	8.02	146	1021406	39.496	ng	99
15) Benzyl Alcohol	7.92	79	896550	46.230	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.19	45	1208079	37.989	ng	99
17) 2-Methylphenol	8.11	107	843611	46.029	ng	96
18) Hexachloroethane	8.73	117	384461	41.854	ng	100
19) n-Nitroso-di-n-propylamine	8.47	70	728582	41.705	ng	99
20) 3+4-Methylphenols	8.44	107	1144200	45.645	ng	98
22) Acetophenone	8.49	105	1471297	40.510	ng	99
24) Nitrobenzene	8.86	77	1089099	42.028	ng	95
25) Isophorone	9.39	82	1927130	47.638	ng	98
26) 2-Nitrophenol	9.57	139	530422	44.242	ng	97
27) 2,4-Dimethylphenol	9.63	122	946180	52.895	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	1241758	43.612	ng	99
29) 2,4-Dichlorophenol	10.10	162	987911	47.567	ng	100
30) 1,2,4-Trichlorobenzene	10.31	180	1002470	40.236	ng	98
31) Naphthalene	10.49	128	3036113	43.240	ng	99
32) Benzoic acid	9.79	122	607679	45.530	ng	92
33) 4-Chloroaniline	10.61	127	615257	20.288	ng	98
34) Hexachlorobutadiene	10.77	225	622283	39.419	ng	98
35) Caprolactam	11.41	113	142690	18.852	ng	94
36) 4-Chloro-3-methylphenol	11.74	107	1050672	44.879	ng	96
37) 2-Methylnaphthalene	12.11	142	2289200	47.643	ng	98
38) 1-Methylnaphthalene	12.33	142	2179170	46.598	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	1198859	40.904	ng	# 98

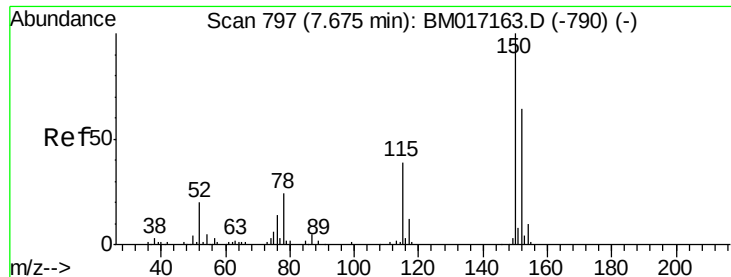
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101918\
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 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	1754988	123.862	ng	99
43) 2,4,6-Trichlorophenol	12.73	196	794332	46.687	ng	99
44) 2,4,5-Trichlorophenol	12.80	196	845459	46.341	ng	97
46) 1,1'-Biphenyl	13.14	154	2968015	39.630	ng	99
47) 2-Chloronaphthalene	13.17	162	2265759	41.123	ng	99
48) 2-Nitroaniline	13.39	65	652083	42.616	ng	98
49) Acenaphthylene	14.03	152	3627396	45.420	ng	100
50) Dimethylphthalate	13.78	163	2709045	42.192	ng	99
51) 2,6-Dinitrotoluene	13.90	165	599774	42.441	ng	99
52) Acenaphthene	14.37	154	2123966	42.357	ng	98
53) 3-Nitroaniline	14.23	138	396041	25.876	ng	98
54) 2,4-Dinitrophenol	14.43	184	667018	80.408	ng	96
55) Dibenzofuran	14.71	168	3374877	40.472	ng	98
56) 4-Nitrophenol	14.54	139	1009899	72.846	ng	95
57) 2,4-Dinitrotoluene	14.69	165	818720	43.104	ng	98
58) Fluorene	15.36	166	2692306	43.620	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	763162	45.889	ng	98
60) Diethylphthalate	15.15	149	2685189	42.169	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	1388101	39.449	ng	97
62) 4-Nitroaniline	15.40	138	590433	35.898	ng	94
63) Azobenzene	15.66	77	2608262	42.142	ng	99
65) 4,6-Dinitro-2-methylphenol	15.45	198	461103	41.940	ng	97
66) n-Nitrosodiphenylamine	15.58	169	2347708	44.205	ng	100
67) 4-Bromophenyl-phenylether	16.26	248	863774	44.814	ng	97
68) Hexachlorobenzene	16.36	284	936914	41.846	ng	98
69) Atrazine	16.54	200	831489	43.744	ng	98
70) Pentachlorophenol	16.71	266	1098749	71.638	ng	99
71) Phenanthrene	17.10	178	4060920	42.877	ng	100
72) Anthracene	17.19	178	4137144	45.972	ng	100
73) Carbazole	17.47	167	3545616	38.570	ng	99
74) Di-n-butylphthalate	18.04	149	4197826	43.296	ng	99
75) Fluoranthene	19.12	202	4292450	40.277	ng	99
77) Benzidine	19.32	184	2087480	57.556	ng	99
78) Pyrene	19.49	202	4305042	53.852	ng	100
80) Butylbenzylphthalate	20.40	149	1584085	51.464	ng	97
81) Benzo(a)anthracene	21.24	228	3657299	45.437	ng	100
82) 3,3'-Dichlorobenzidine	21.18	252	818327	27.278	ng	100
83) Chrysene	21.29	228	3407528	42.770	ng	99
84) Bis(2-ethylhexyl)phthalate	21.18	149	2148921	46.372	ng	99
85) Di-n-octyl phthalate	22.06	149	3228115	41.759	ng	100
86) Indeno(1,2,3-cd)pyrene	25.68	276	2900391	32.548	ng	99
88) Benzo(b)fluoranthene	22.80	252	3007348	48.097	ng	100
89) Benzo(k)fluoranthene	22.85	252	2970402	47.343	ng	98
90) Benzo(a)pyrene	23.37	252	2757180	46.442	ng	98
91) Dibenzo(a,h)anthracene	25.69	278	2448115	41.529	ng	99
92) Benzo(g,h,i)perylene	26.36	276	2388118	40.874	ng	98

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

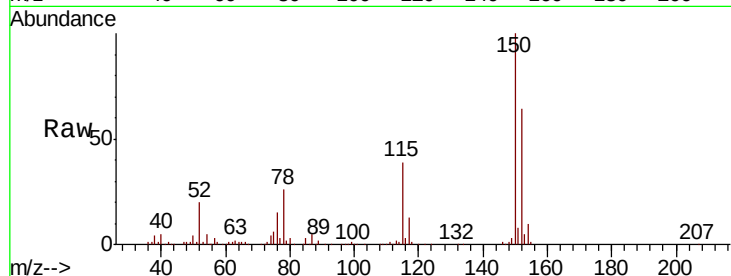


#1

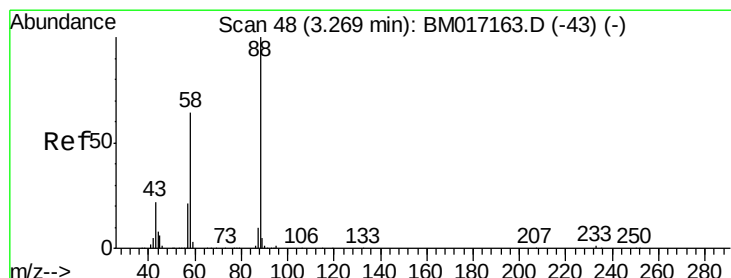
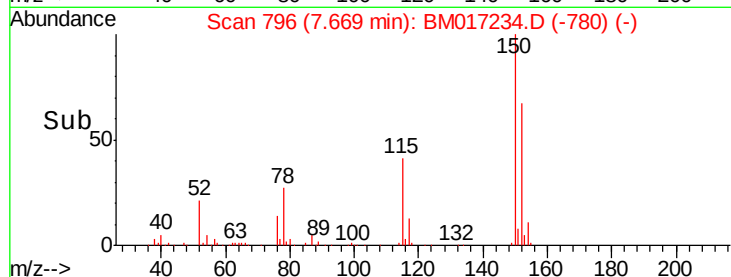
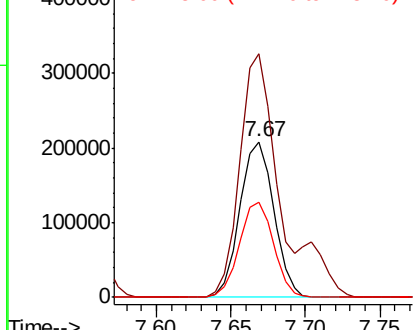
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.3	186.5
115	60.7	48.1	72.1



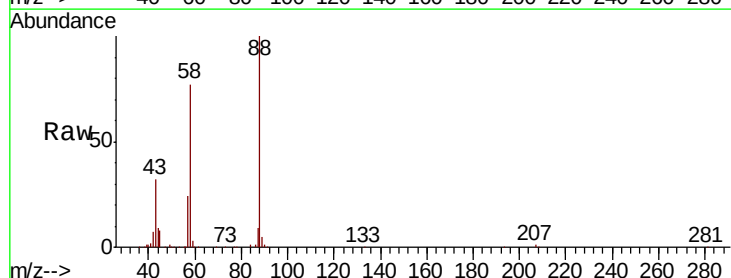
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



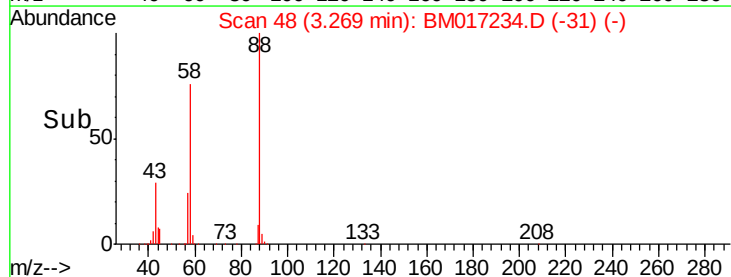
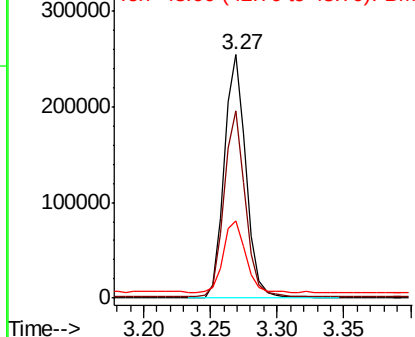
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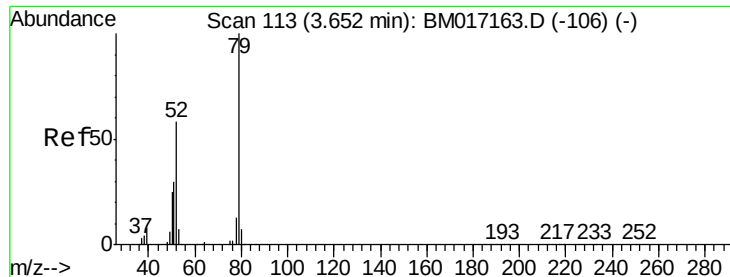
1,4-Dioxane
Concen: 29.380 ng
RT: 3.27 min Scan# 48
Delta R.T. -0.00 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.8	50.2	75.4
43	29.8	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: 36.955 ng

RT: 3.65 min Scan# 112

Delta R.T. -0.01 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

Instrument :

BNA_M

ClientSampleId :

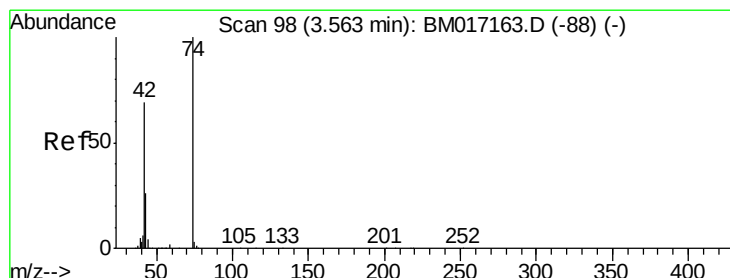
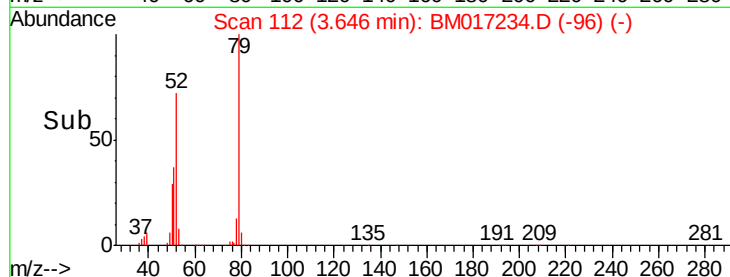
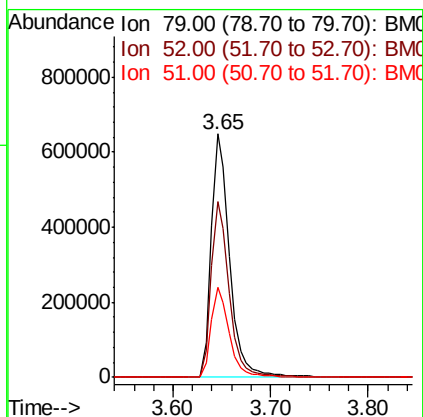
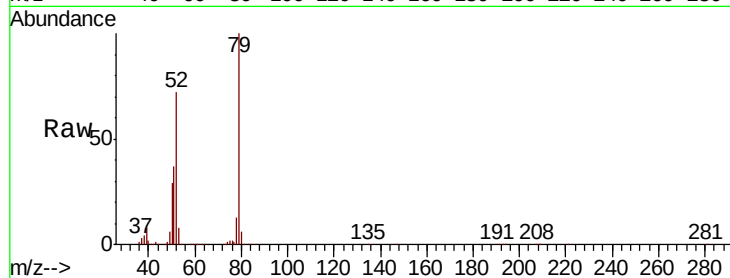
Tot Ion: 79 Resp: 845851

Ion Ratio Lower Upper

79 100

52 72.0 46.5 69.7#

51 37.1 24.6 37.0#



#4

n-Nitrosodimethylamine

Concen: 43.581 ng

RT: 3.56 min Scan# 98

Delta R.T. -0.00 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

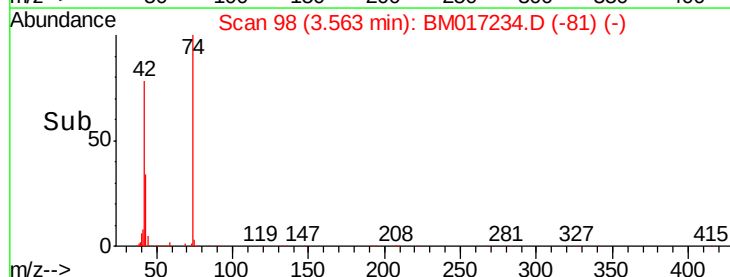
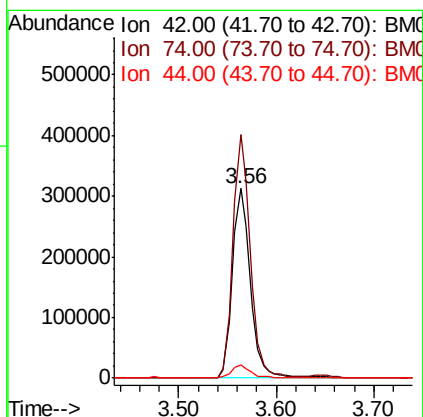
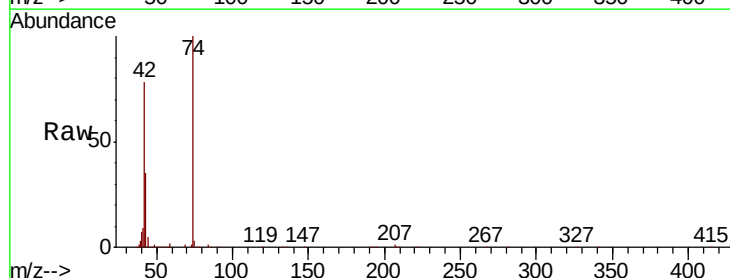
Tgt Ion: 42 Resp: 400441

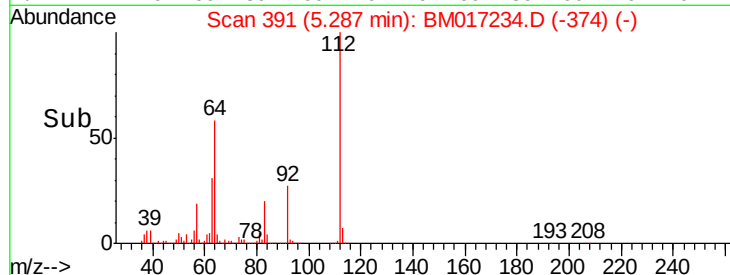
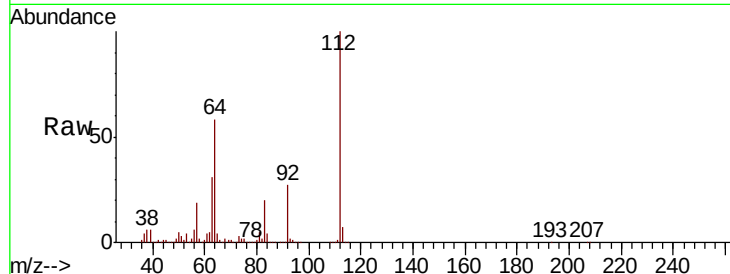
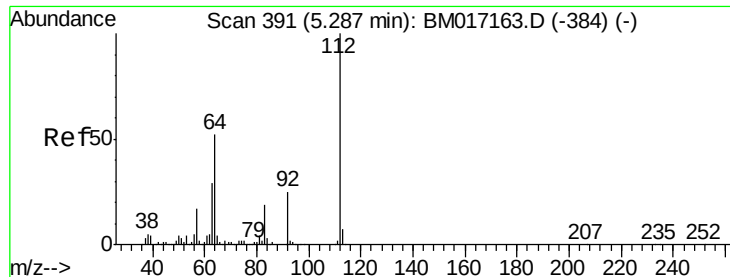
Ion Ratio Lower Upper

42 100

74 128.3 114.4 171.6

44 7.0 48.6 73.0#

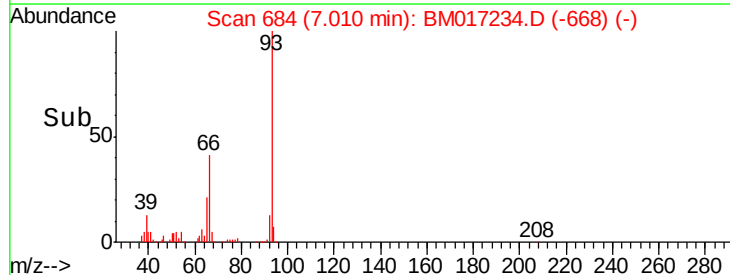
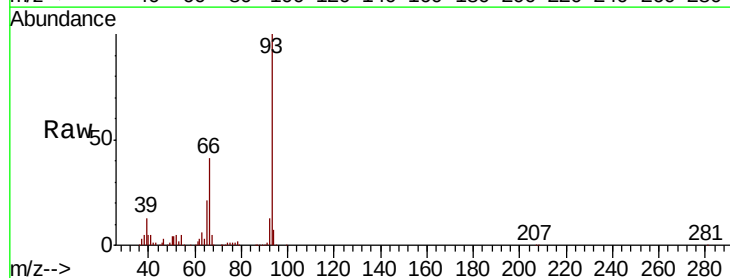
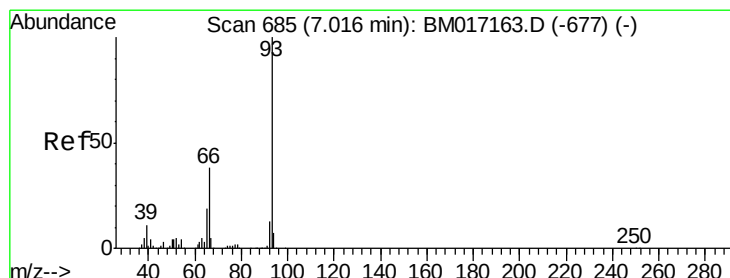
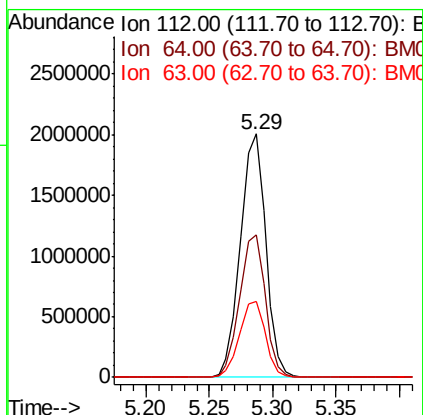




#5
2-Fluorophenol
Concen: 143.507 ng
RT: 5.29 min Scan# 391
Delta R.T. 0.00 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

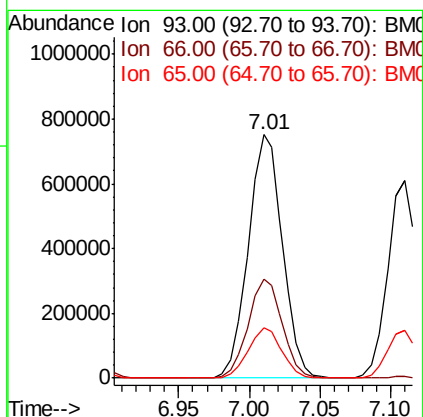
Instrument :
BNA_M
ClientSampleId :

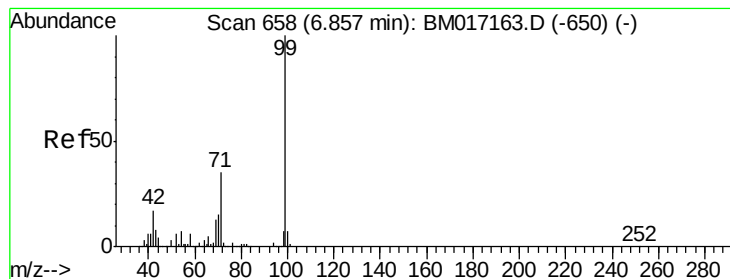
Tot Ion:112 Resp: 2795598
Ion Ratio Lower Upper
112 100
64 58.5 41.7 62.5
63 31.2 23.0 34.4



#6
Aniline
Concen: 38.466 ng
RT: 7.01 min Scan# 684
Delta R.T. -0.01 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

Tgt Ion: 93 Resp: 1276522
Ion Ratio Lower Upper
93 100
66 40.8 30.4 45.6
65 20.8 15.3 22.9





#7

Phenol-d6

Concen: 137.888 ng

RT: 6.86 min Scan# 658

Delta R.T. -0.00 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

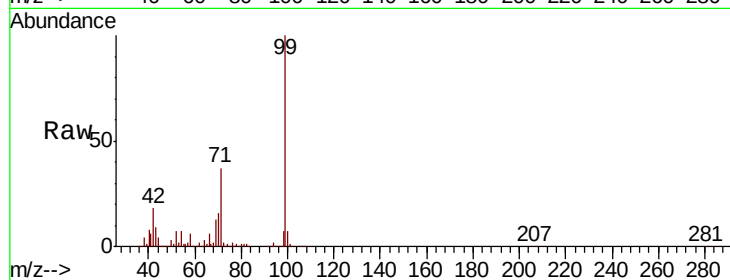
Instrument :

BNA_M

ClientSampled :

Tot Ion: 99 Resp: 3658376

Ion	Ratio	Lower	Upper
99	100		
42	18.4	13.3	19.9
71	37.4	28.0	42.0

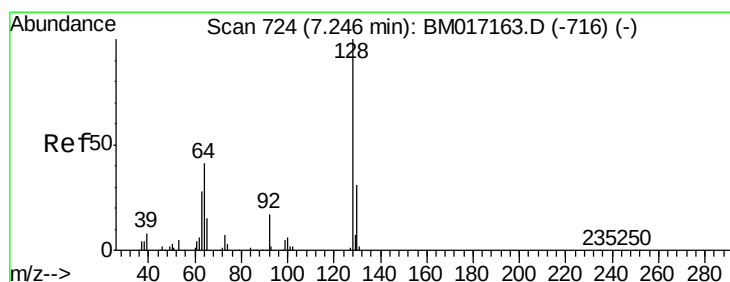
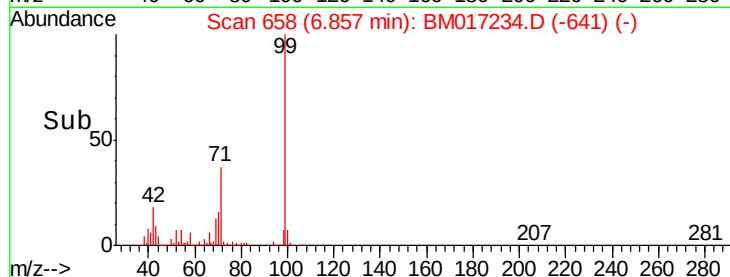
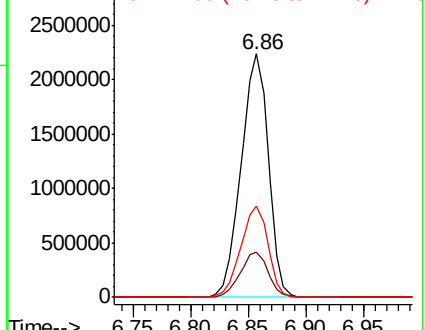


Abundance

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

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

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



#8

2-Chlorophenol

Concen: 45.174 ng

RT: 7.24 min Scan# 723

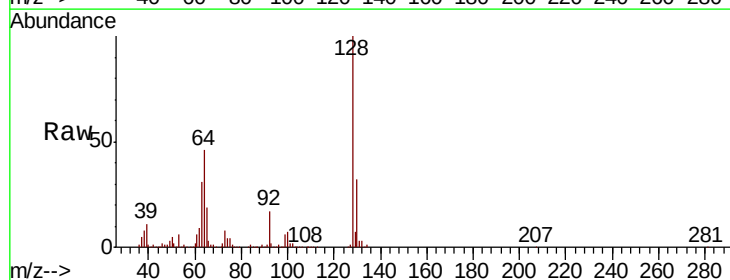
Delta R.T. -0.01 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

Tgt Ion: 128 Resp: 1018086

Ion	Ratio	Lower	Upper
128	100		
130	32.2	11.0	51.0
64	46.3	24.1	64.1

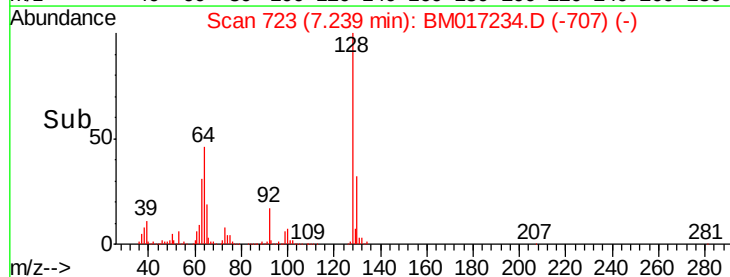
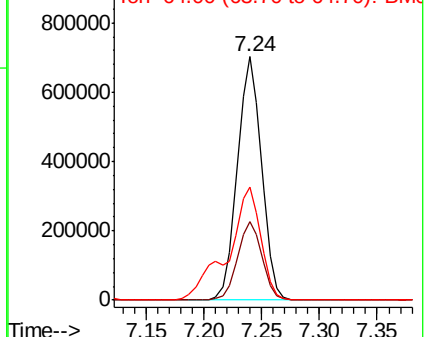


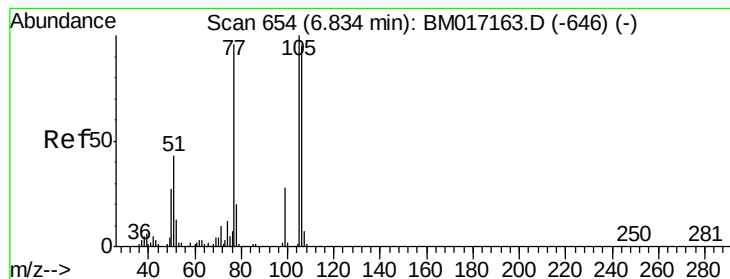
Abundance

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

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

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





#9

Benzaldehyde

Concen: 27.266 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

Instrument :

BNA_M

ClientSampleId :

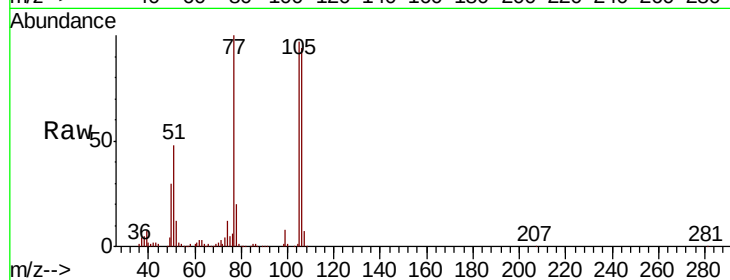
Tot Ion: 77 Resp: 461253

Ion Ratio Lower Upper

77 100

105 97.0 83.9 123.9

106 93.6 78.2 118.2



Abundance Ion 77.00 (76.70 to 77.70): BM017234.D (-637) (-)

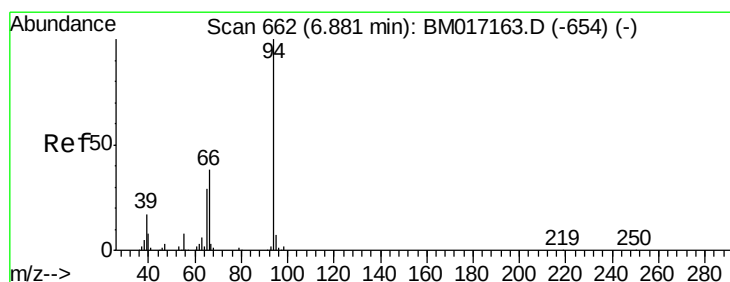
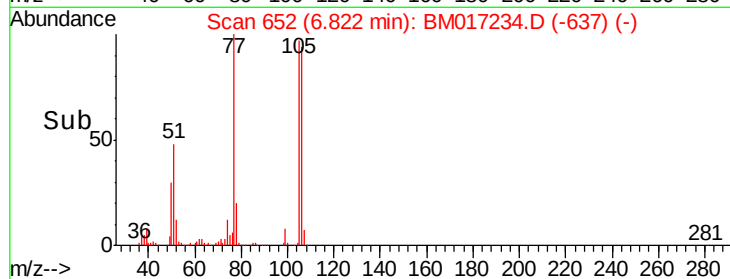
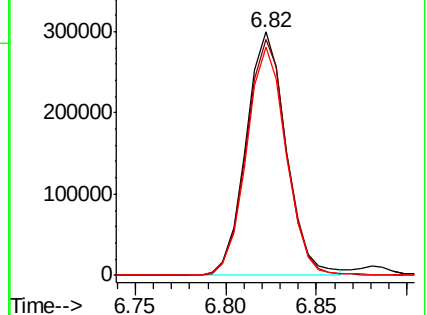
400000 Ion 105.00 (104.70 to 105.70): BM017234.D (-637) (-)

300000 Ion 106.00 (105.70 to 106.70): BM017234.D (-637) (-)

200000

100000

0



#10

Phenol

Concen: 43.623 ng

RT: 6.88 min Scan# 662

Delta R.T. -0.00 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

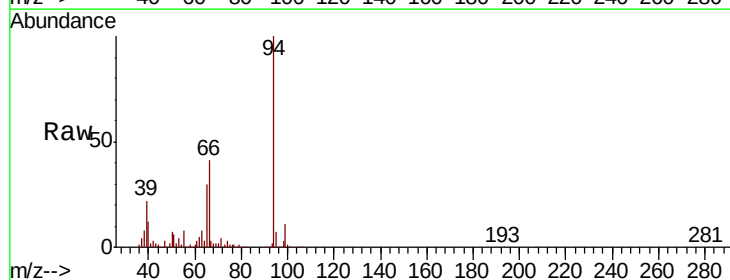
Tgt Ion: 94 Resp: 1245637

Ion Ratio Lower Upper

94 100

65 30.0 9.4 49.4

66 40.9 19.0 59.0



Abundance Ion 94.00 (93.70 to 94.70): BM017234.D (-645) (-)

1200000 Ion 65.00 (64.70 to 65.70): BM017234.D (-645) (-)

1000000 Ion 66.00 (65.70 to 66.70): BM017234.D (-645) (-)

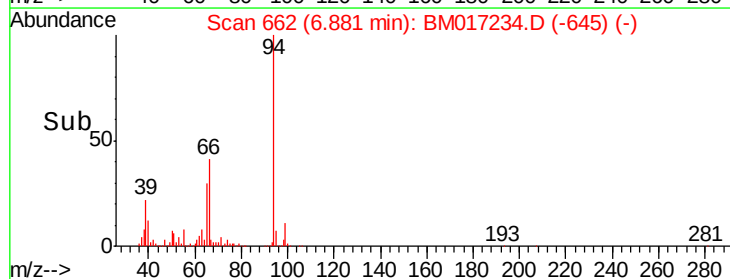
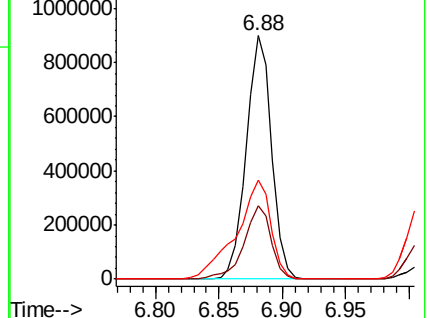
800000

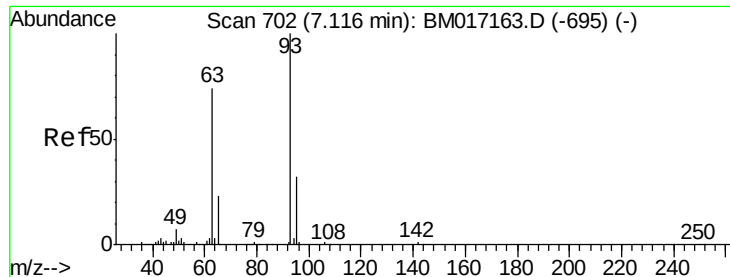
600000

400000

200000

0

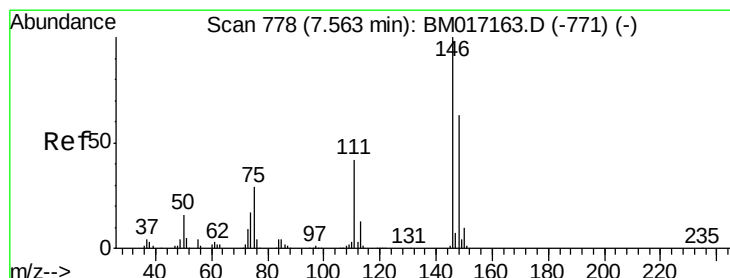
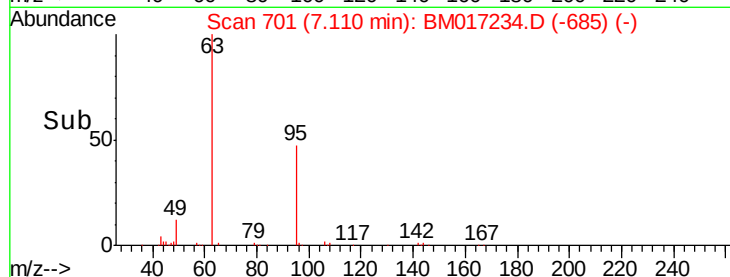
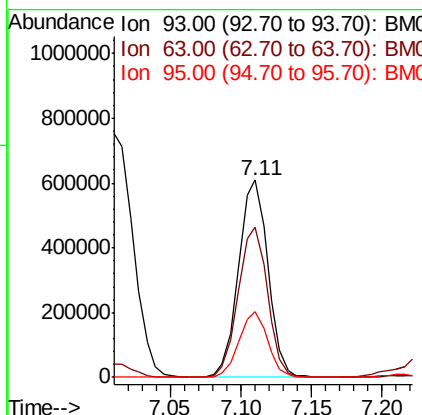
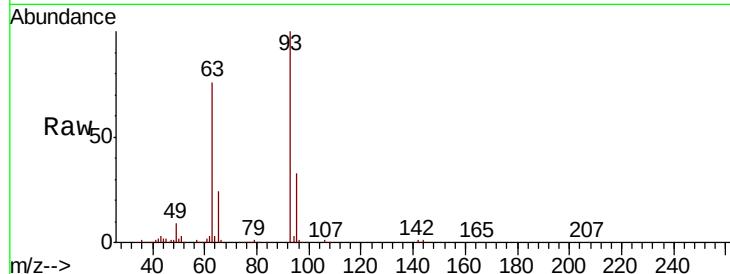




#11
bis(2-Chloroethyl)ether
Concen: 38.685 ng
RT: 7.11 min Scan# 701
Delta R.T. -0.01 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

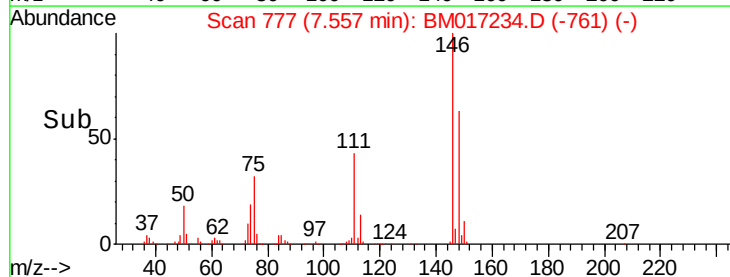
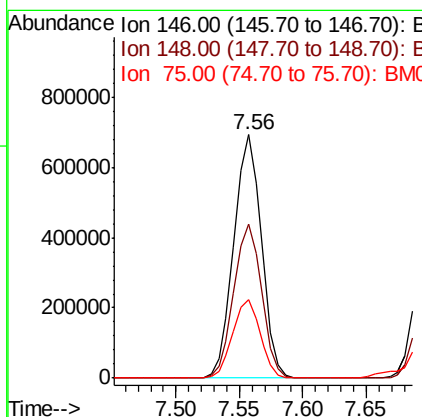
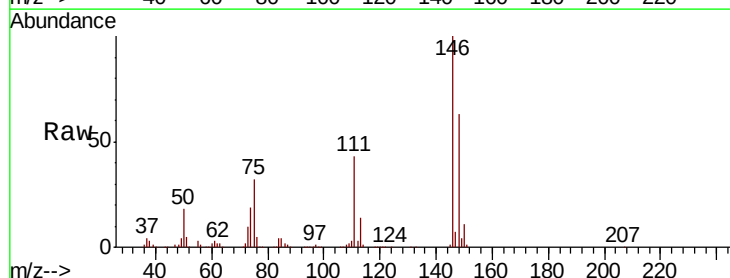
Instrument :
BNA_M
ClientSampled :

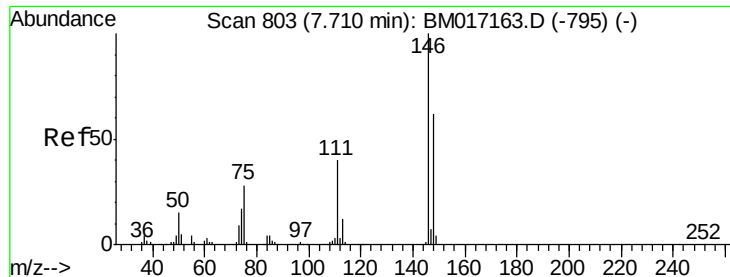
Tot Ion: 93 Resp: 880560
Ion Ratio Lower Upper
93 100
63 75.9 54.0 94.0
95 33.0 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 39.631 ng
RT: 7.56 min Scan# 777
Delta R.T. -0.01 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

Tgt Ion: 146 Resp: 1041181
Ion Ratio Lower Upper
146 100
148 63.0 50.2 75.4
75 32.4 23.3 34.9

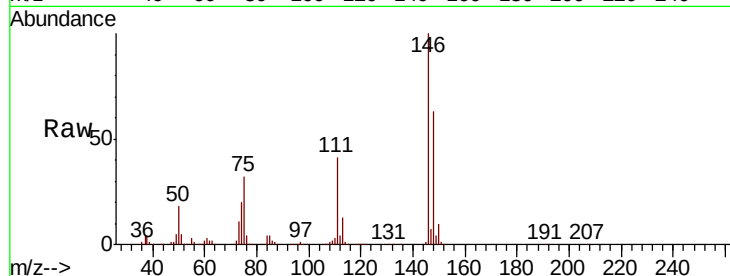




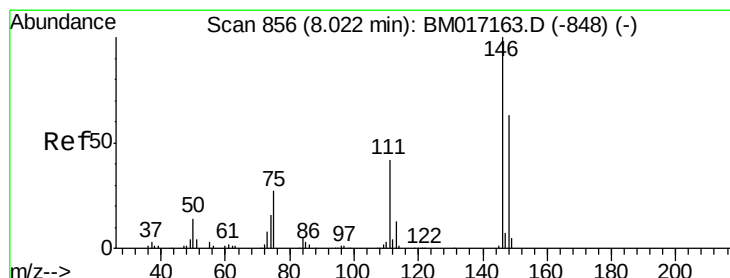
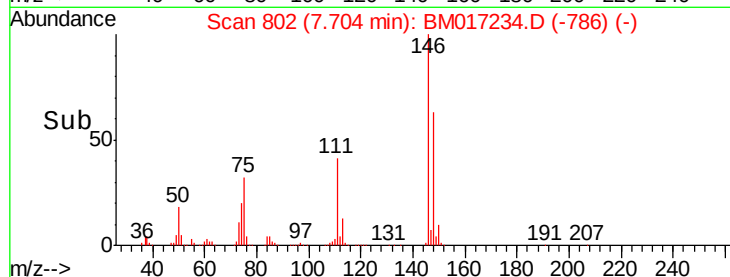
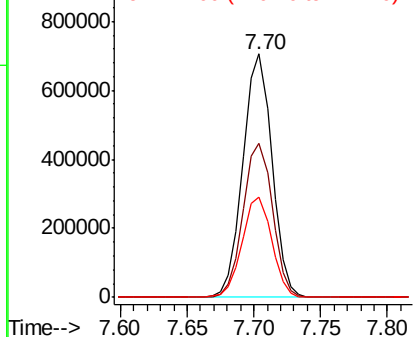
#13
 1,4-Dichlorobenzene
 Concen: 39.499 ng
 RT: 7.70 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BM017234.D
 Acq: 19 Oct 2018 17:39

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:146 Resp: 1060186
 Ion Ratio Lower Upper
 146 100
 148 63.3 49.8 74.6
 111 41.1 32.1 48.1

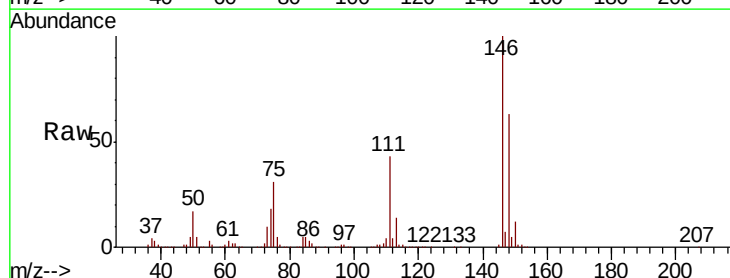


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

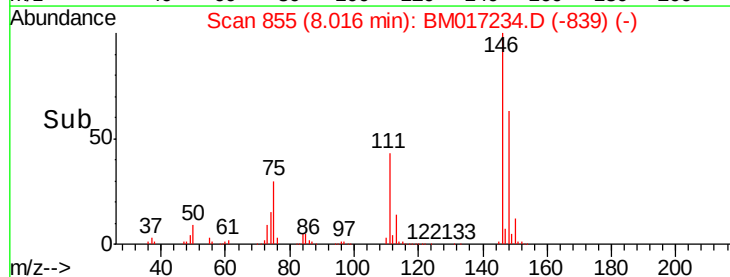
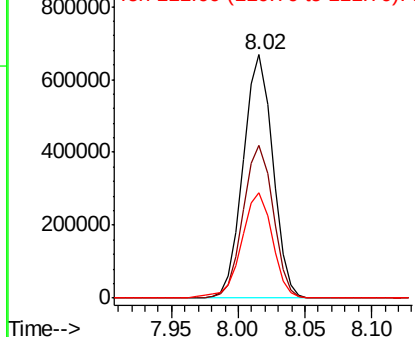


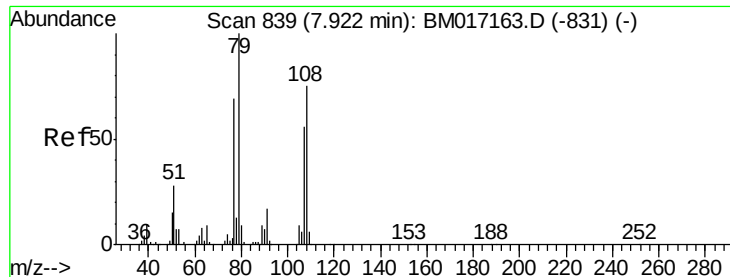
#14
 1,2-Dichlorobenzene
 Concen: 39.496 ng
 RT: 8.02 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: BM017234.D
 Acq: 19 Oct 2018 17:39

Tgt Ion:146 Resp: 1021406
 Ion Ratio Lower Upper
 146 100
 148 62.8 50.8 76.2
 111 43.1 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: 46.230 ng

RT: 7.92 min Scan# 838

Delta R.T. -0.01 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

Instrument :

BNA_M

ClientSampleId :

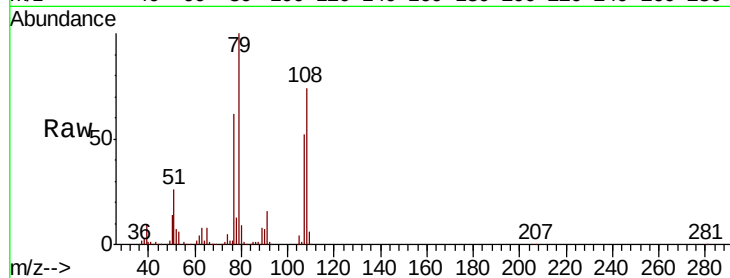
Tot Ion: 79 Resp: 896550

Ion Ratio Lower Upper

79 100

108 73.5 60.3 90.5

77 62.5 54.8 82.2

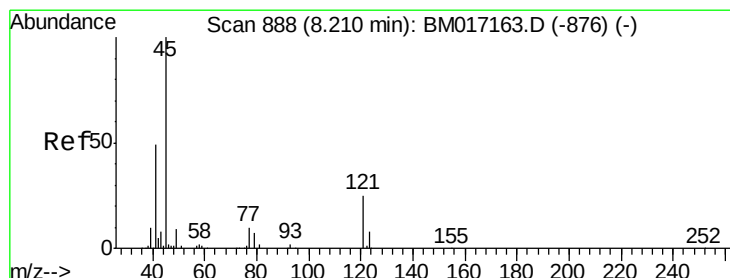
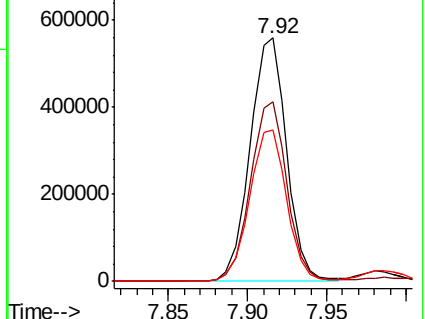
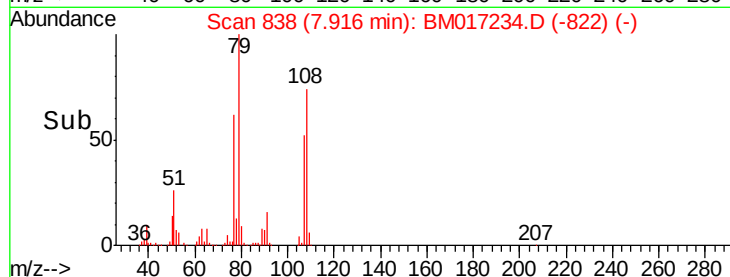


Abundance Ion 79.00 (78.70 to 79.70): BM017163.D (-831) (-)

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

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

Time-->



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.989 ng

RT: 8.19 min Scan# 885

Delta R.T. -0.02 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

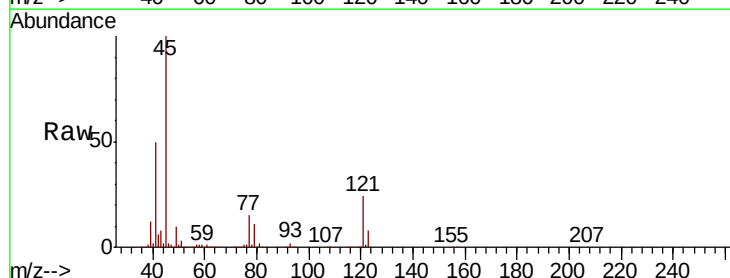
Tgt Ion: 45 Resp: 1208079

Ion Ratio Lower Upper

45 100

77 15.4 0.0 35.5

79 11.2 0.0 32.1

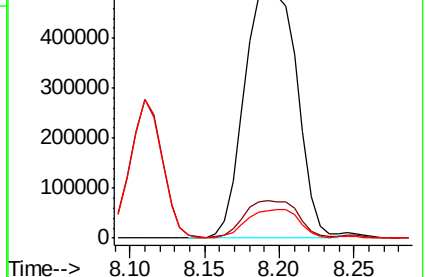
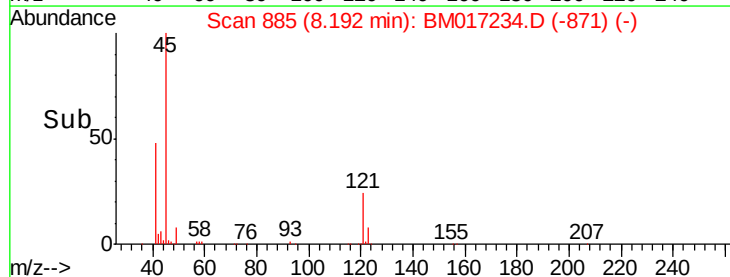


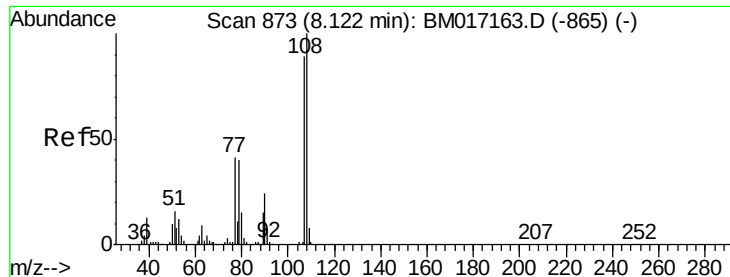
Abundance Ion 45.00 (44.70 to 45.70): BM017163.D (-876) (-)

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

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

Time-->

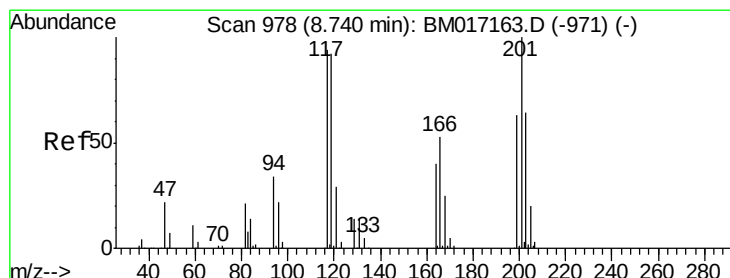
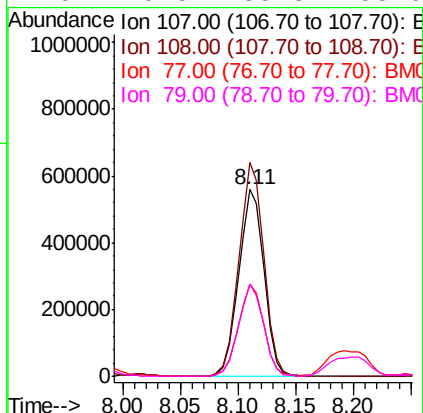
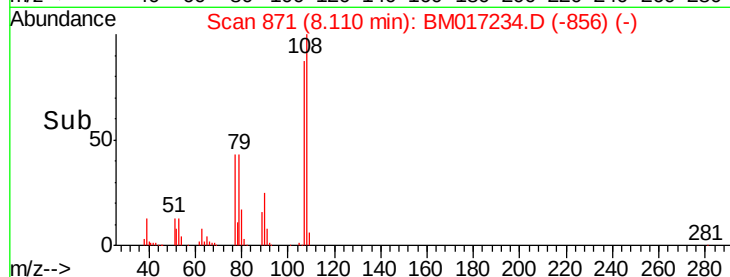
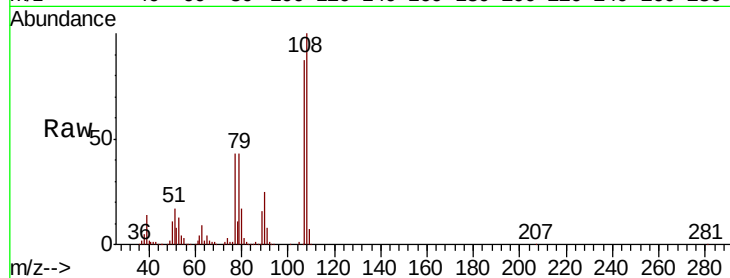




#17
2-Methylphenol
Concen: 46.029 ng
RT: 8.11 min Scan# 871
Delta R.T. -0.01 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

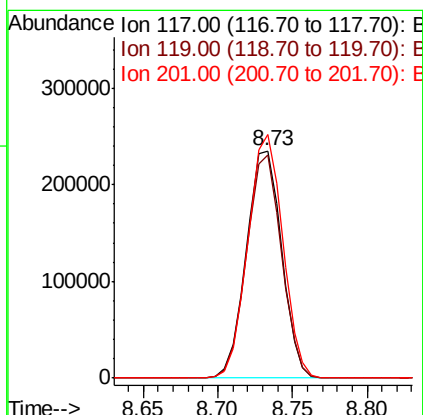
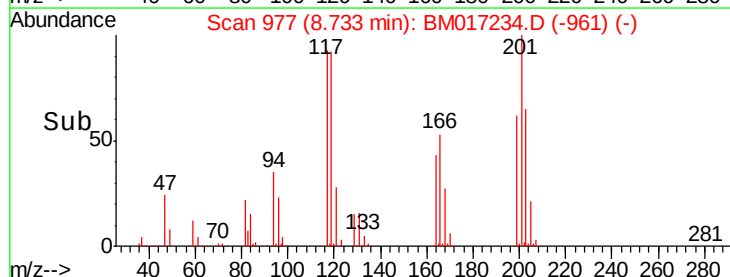
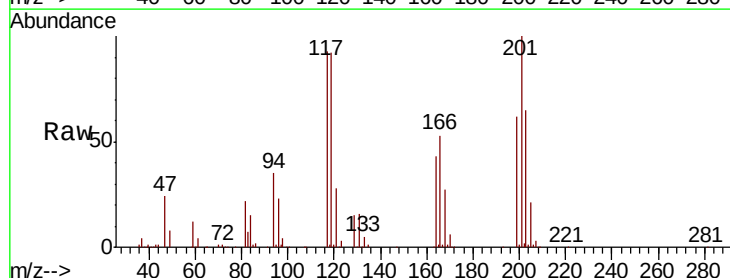
Instrument :
BNA_M
ClientSampled :

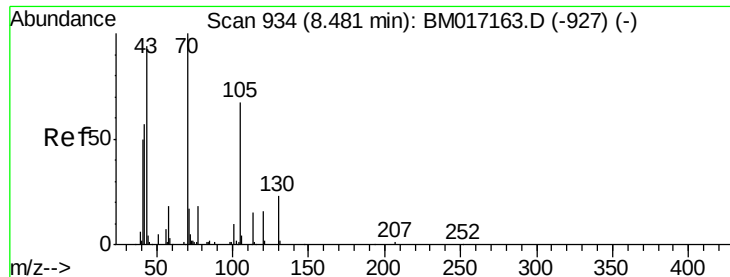
Tot Ion:	107	Resp:	843611
Ion	Ratio	Lower	Upper
107	100		
108	114.6	90.3	135.5
77	49.6	37.0	55.4
79	49.5	35.8	53.6



#18
Hexachloroethane
Concen: 41.854 ng
RT: 8.73 min Scan# 977
Delta R.T. -0.01 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

Tgt Ion:	117	Resp:	384461
Ion	Ratio	Lower	Upper
117	100		
119	98.1	78.2	117.2
201	107.1	85.3	127.9

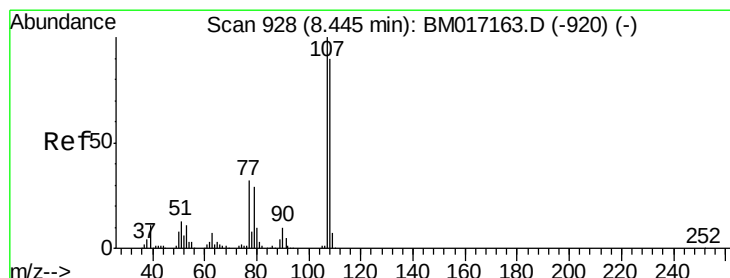
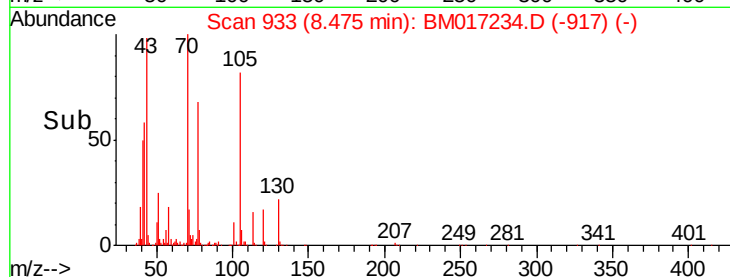
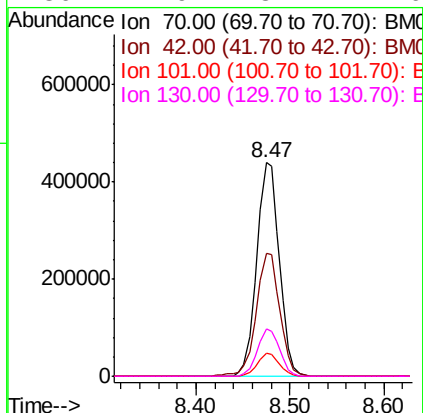
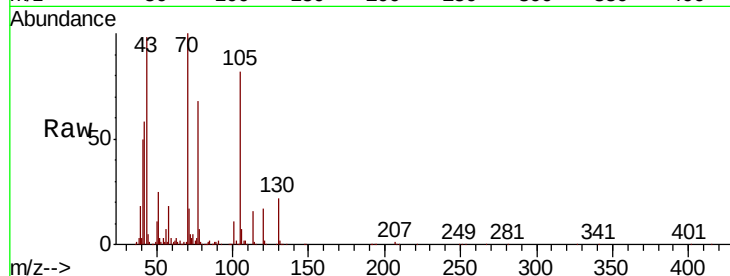




#19
n-Nitroso-di-n-propylamine
Concen: 41.705 ng
RT: 8.47 min Scan# 933
Delta R.T. -0.01 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

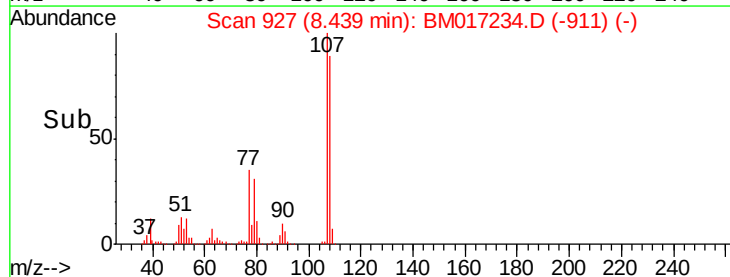
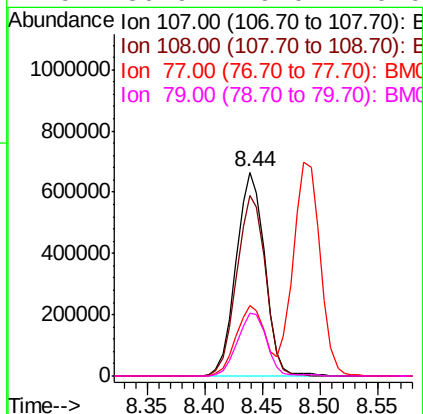
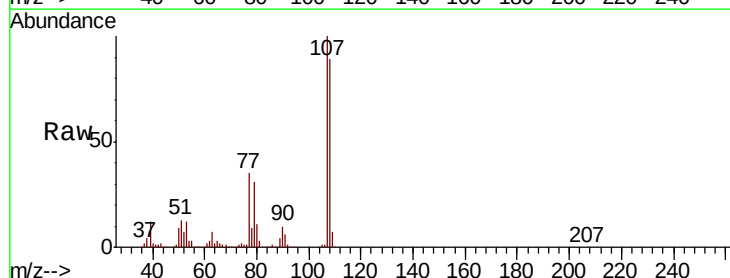
Instrument :
BNA_M
ClientSampleId :

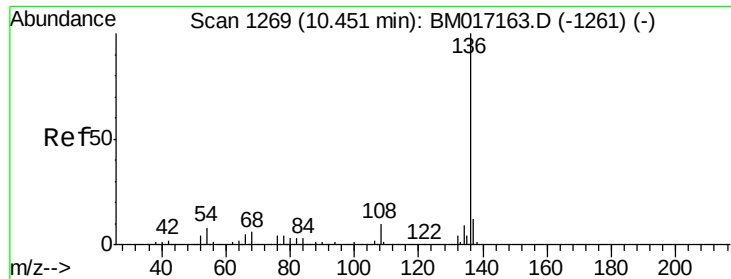
Tot Ion:	70	Resp:	728582
Ion	Ratio	Lower	Upper
70	100		
42	57.6	46.1	69.1
101	10.5	8.2	12.4
130	21.9	18.4	27.6



#20
3+4-Methylphenols
Concen: 45.645 ng
RT: 8.44 min Scan# 927
Delta R.T. -0.01 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

Tgt Ion:	107	Resp:	1144200
Ion	Ratio	Lower	Upper
107	100		
108	88.8	69.9	109.9
77	34.9	12.2	52.2
79	30.9	9.0	49.0

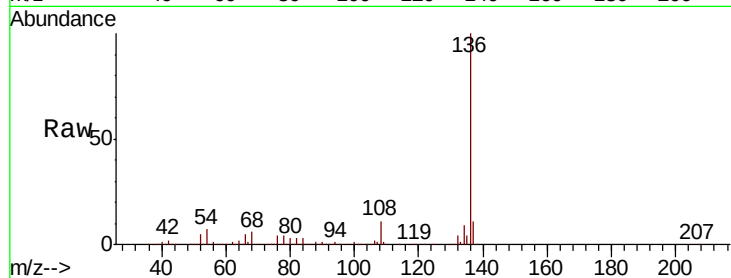




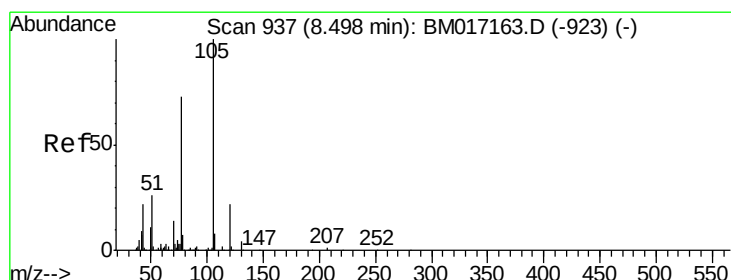
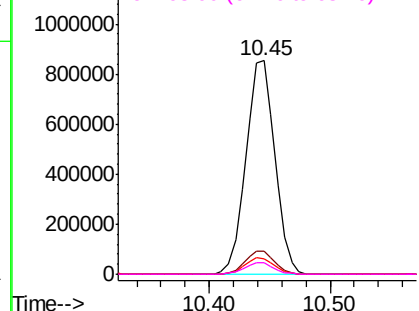
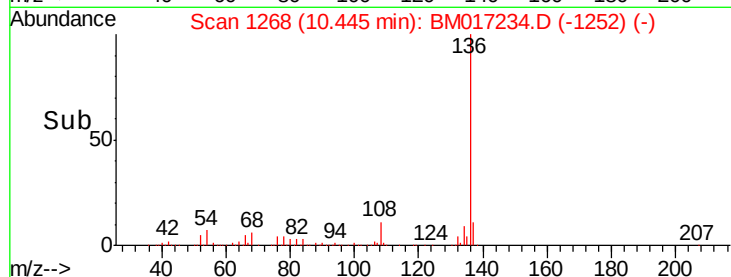
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136 Resp: 1432800
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 7.4 6.7 10.1
68 5.6 4.7 7.1

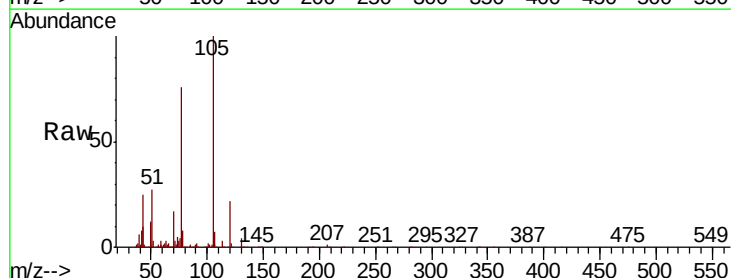


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

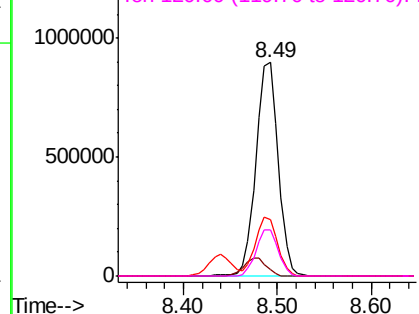
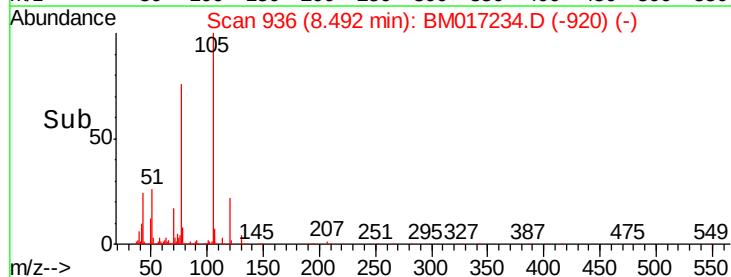


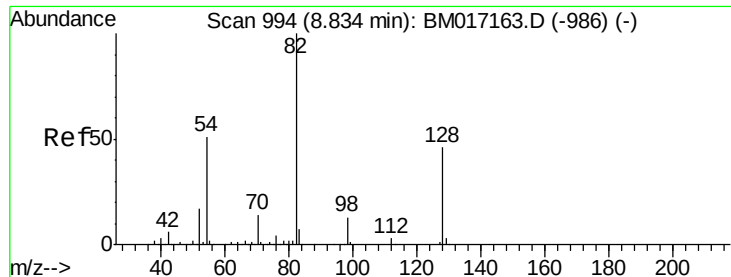
#22
Acetophenone
Concen: 40.510 ng
RT: 8.49 min Scan# 936
Delta R.T. -0.01 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

Tgt Ion:105 Resp: 1471297
Ion Ratio Lower Upper
105 100
71 2.8 2.0 3.0
51 26.5 20.6 31.0
120 21.6 17.5 26.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM
Ion 51.00 (50.70 to 51.70): BM
Ion 120.00 (119.70 to 120.70): E

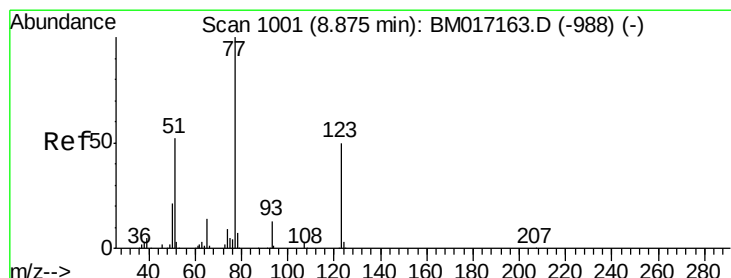
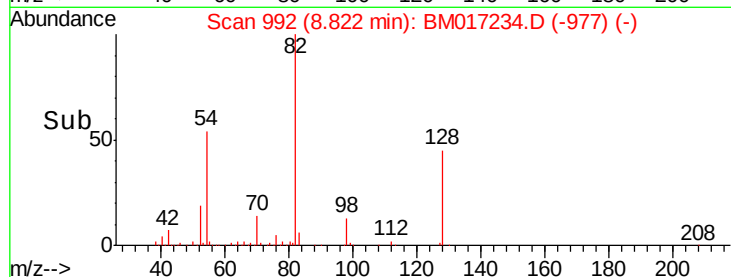
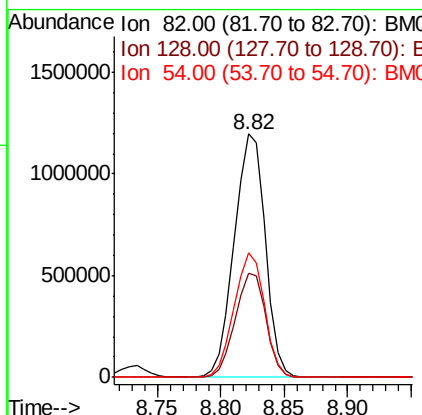
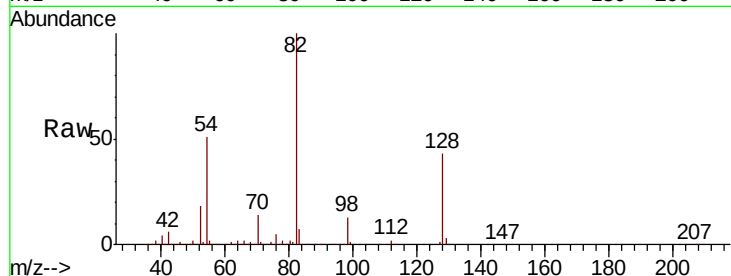




#23
 Nitrobenzene-d5
 Concen: 82.561 ng
 RT: 8.82 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BM017234.D
 Acq: 19 Oct 2018 17:39

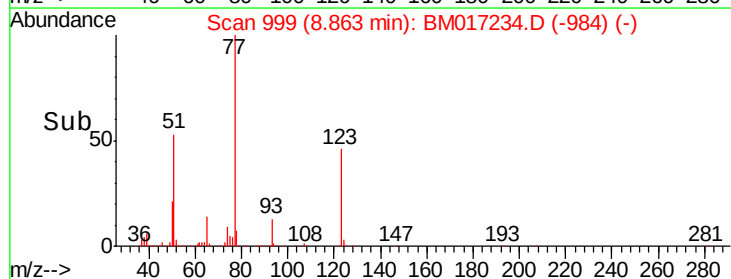
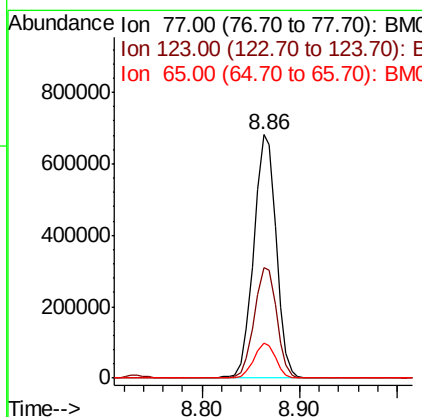
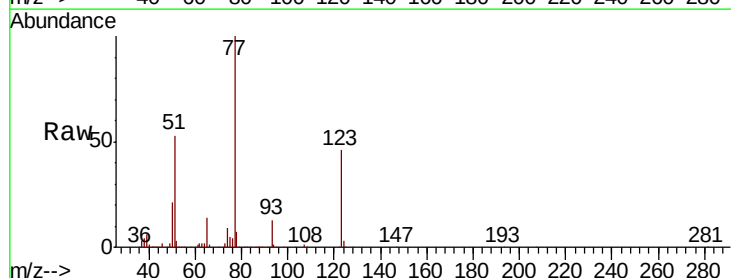
Instrument :
 BNA_M
 ClientSampleId :

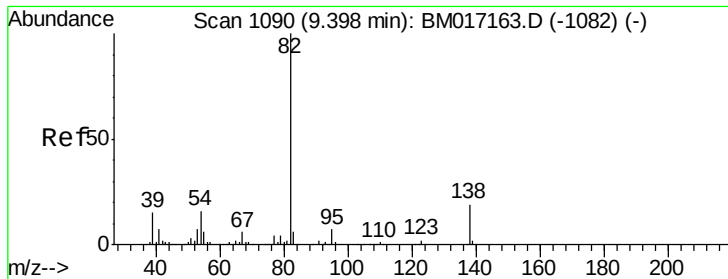
Tot Ion: 82 Resp: 2022600
 Ion Ratio Lower Upper
 82 100
 128 42.8 37.0 55.6
 54 51.0 40.7 61.1



#24
 Nitrobenzene
 Concen: 42.028 ng
 RT: 8.86 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BM017234.D
 Acq: 19 Oct 2018 17:39

Tgt Ion: 77 Resp: 1089099
 Ion Ratio Lower Upper
 77 100
 123 45.6 40.2 60.4
 65 14.4 11.4 17.0





#25

Isophorone

Concen: 47.638 ng

RT: 9.39 min Scan# 1089

Delta R.T. -0.01 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

Instrument :

BNA_M

ClientSampled :

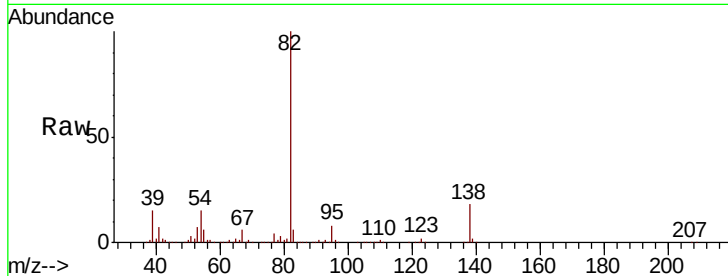
Tot Ion: 82 Resp: 1927130

Ion	Ratio	Lower	Upper
82	100		
95	8.2	6.0	9.0
138	18.4	15.4	23.2

82 100

95 8.2 6.0 9.0

138 18.4 15.4 23.2

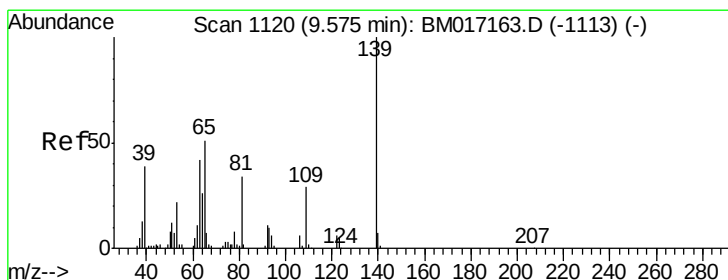
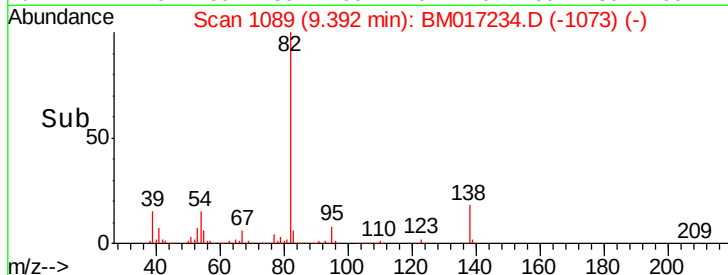
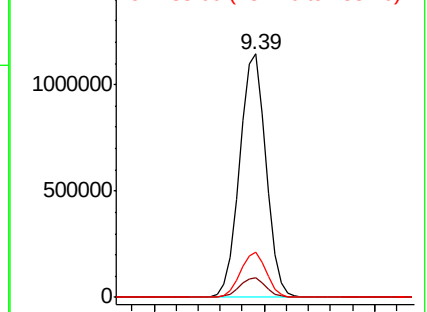


Abundance

Ion 82.00 (81.70 to 82.70): BM017234.D (-1082) (-)

Ion 95.00 (94.70 to 95.70): BM017234.D (-1082) (-)

Ion 138.00 (137.70 to 138.70): BM017234.D (-1082) (-)



#26

2-Nitrophenol

Concen: 44.242 ng

RT: 9.57 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

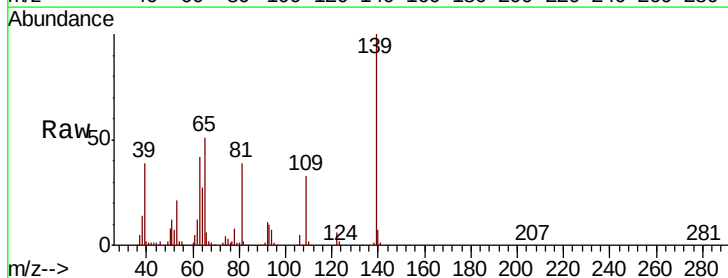
Tgt Ion: 139 Resp: 530422

Ion	Ratio	Lower	Upper
139	100		
109	33.4	23.2	34.8
65	51.3	40.6	61.0

139 100

109 33.4 23.2 34.8

65 51.3 40.6 61.0

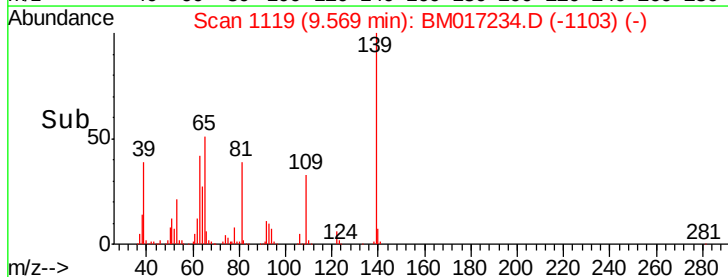
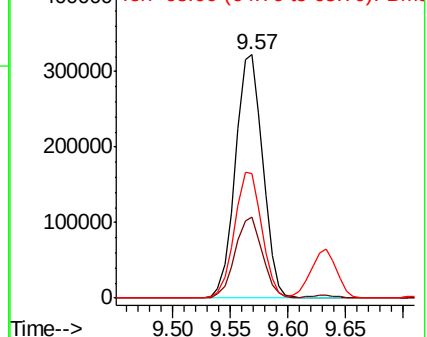


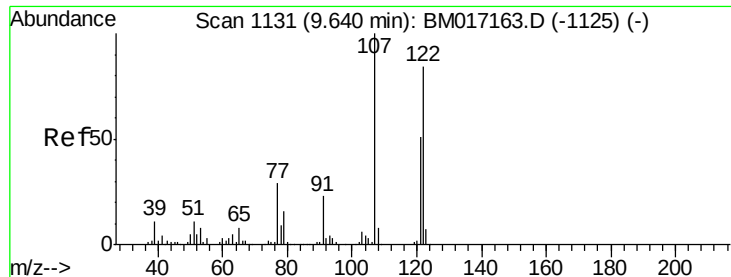
Abundance

Ion 139.00 (138.70 to 139.70): BM017234.D (-1103) (-)

Ion 109.00 (108.70 to 109.70): BM017234.D (-1103) (-)

Ion 65.00 (64.70 to 65.70): BM017234.D (-1103) (-)





#27

2,4-Dimethylphenol

Concen: 52.895 ng

RT: 9.63 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

Instrument :

BNA_M

ClientSampled :

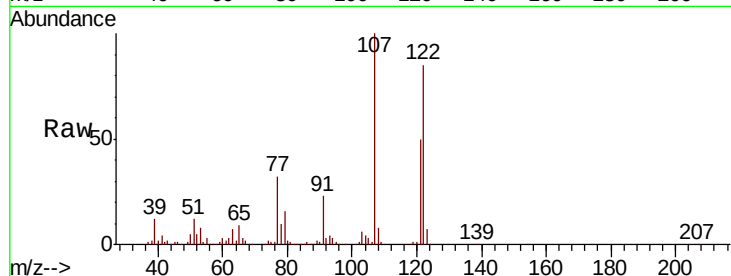
Tot Ion:122 Resp: 946180

Ion Ratio Lower Upper

122 100

107 118.3 95.0 142.6

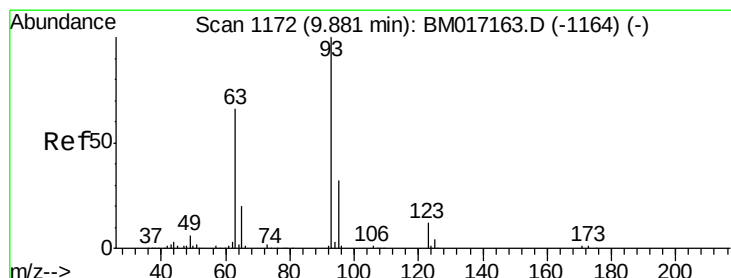
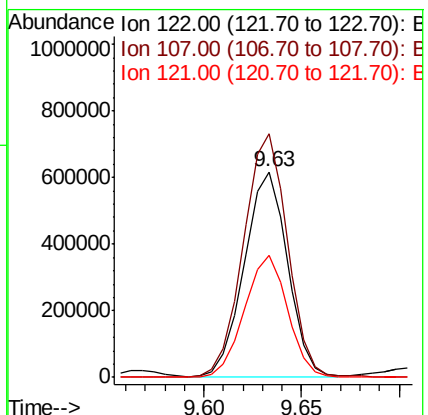
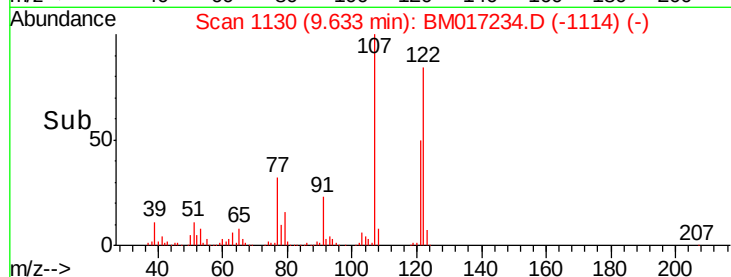
121 59.1 48.2 72.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.612 ng

RT: 9.87 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

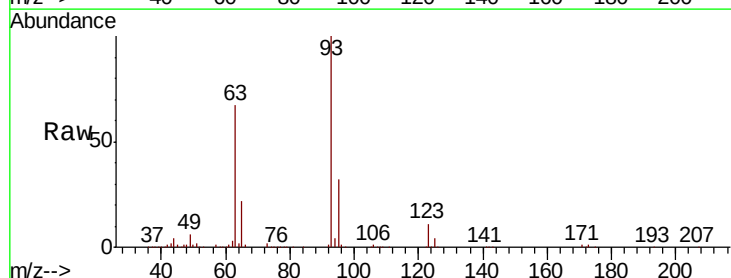
Tgt Ion: 93 Resp: 1241758

Ion Ratio Lower Upper

93 100

95 31.8 25.7 38.5

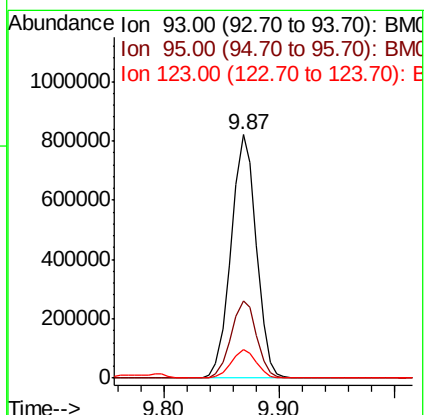
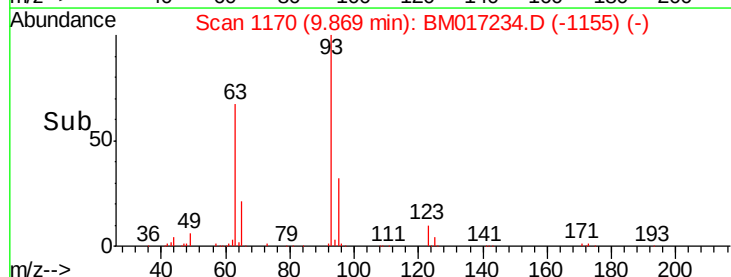
123 11.5 9.4 14.0

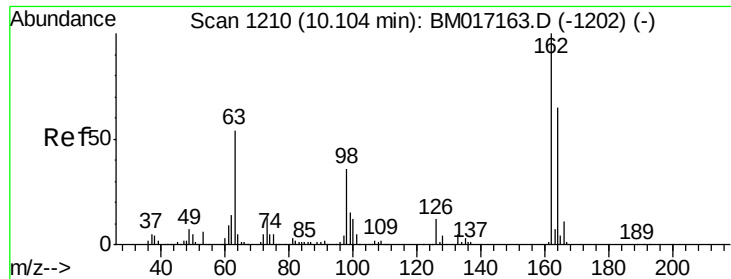


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

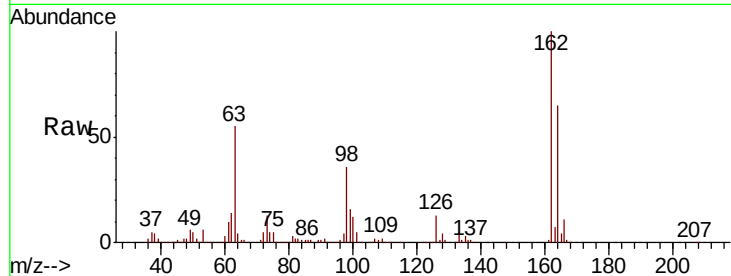




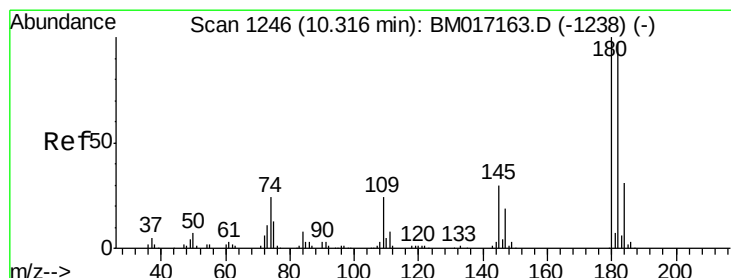
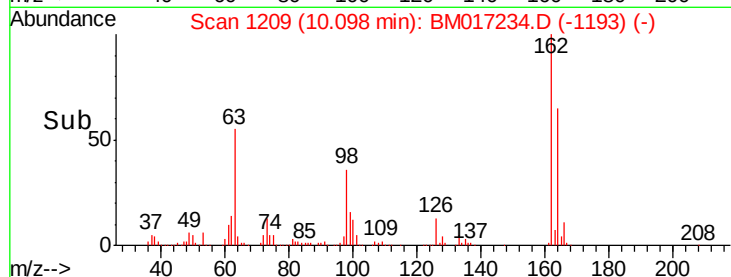
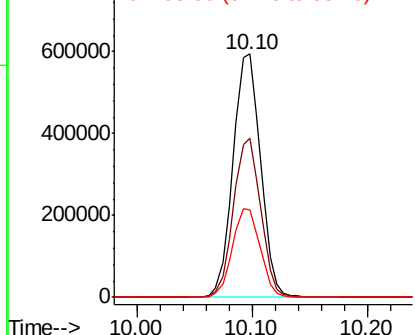
#29
2,4-Dichlorophenol
Concen: 47.567 ng
RT: 10.10 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.4	44.9	84.9
98	35.7	15.8	55.8

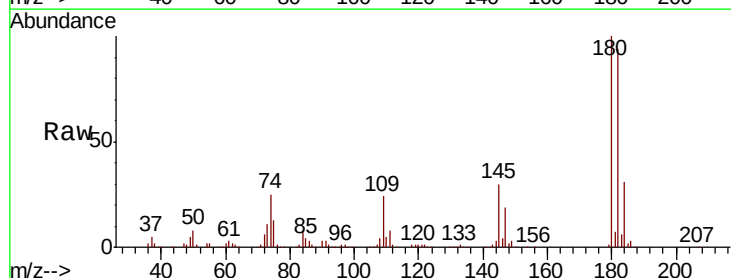


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BM

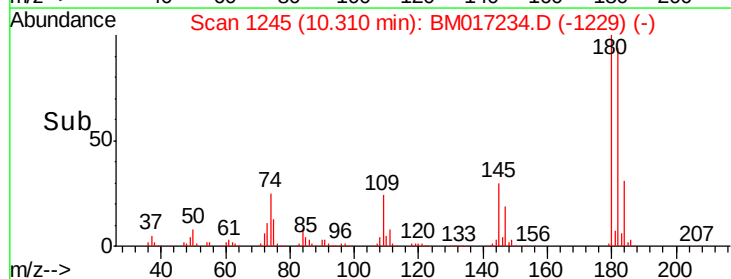
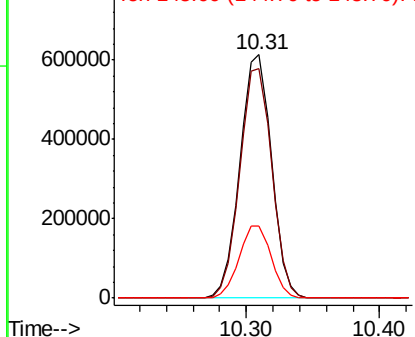


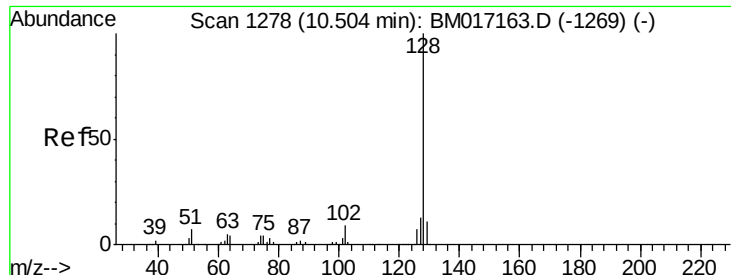
#30
1,2,4-Trichlorobenzene
Concen: 40.236 ng
RT: 10.31 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	77.5	116.3
145	29.8	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

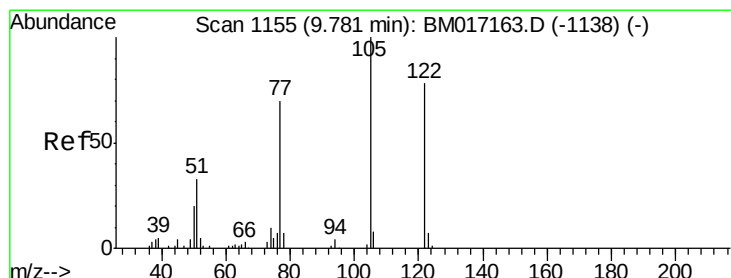
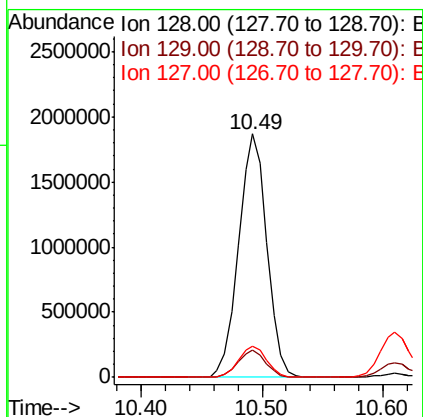
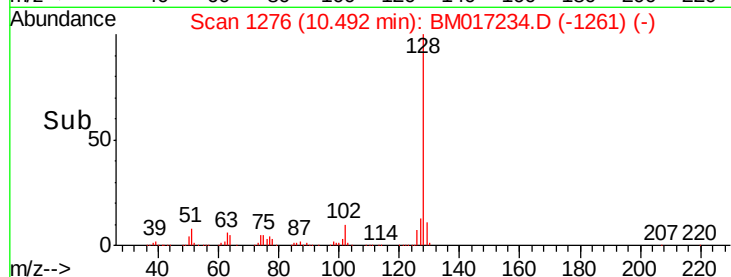
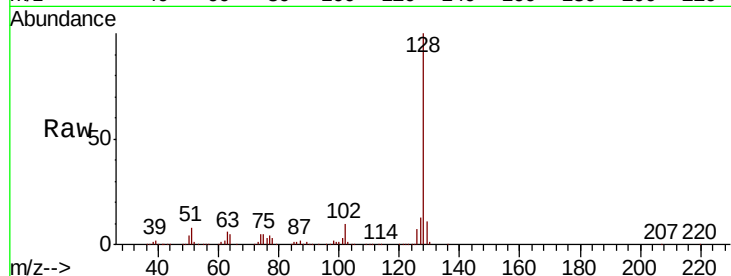




#31
Naphthalene
Concen: 43.240 ng
RT: 10.49 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

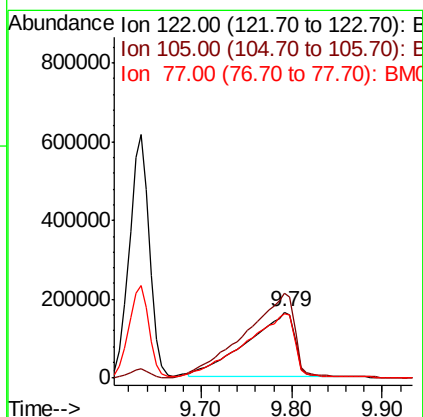
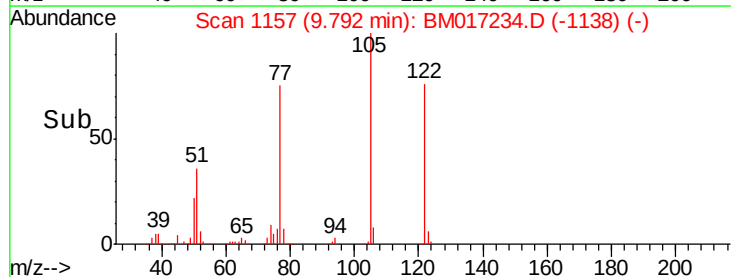
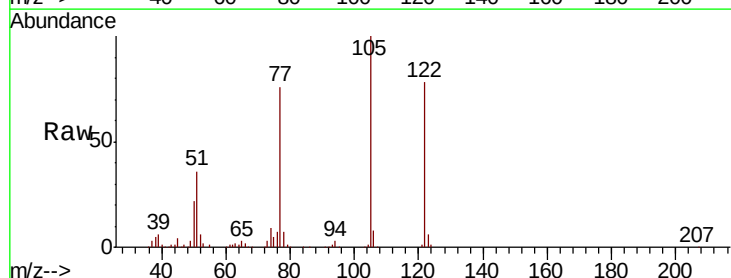
Instrument :
BNA_M
ClientSampled :

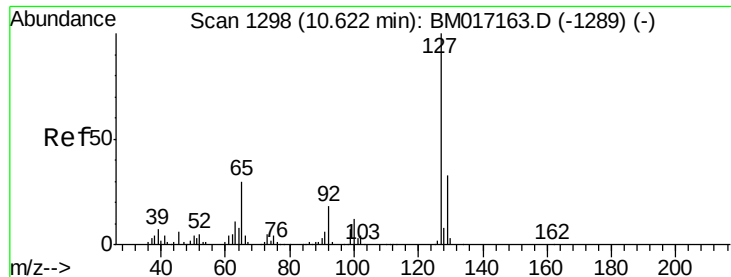
Tot Ion:128 Resp: 3036113
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 12.9 10.3 15.5



#32
Benzoic acid
Concen: 45.530 ng
RT: 9.79 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

Tgt Ion:122 Resp: 607679
Ion Ratio Lower Upper
122 100
105 128.5 102.0 142.0
77 97.8 67.7 107.7

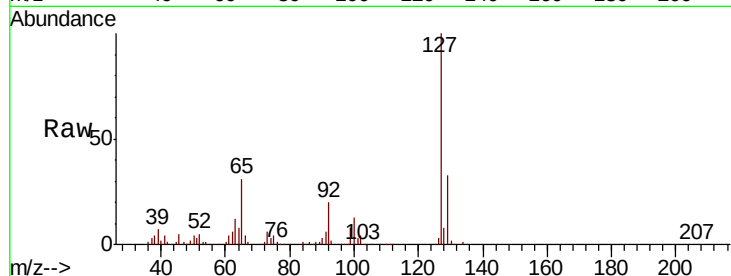




#33
4-Chloroaniline
Concen: 20.288 ng
RT: 10.61 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

Instrument :
BNA_M
ClientSampled :

Tot Ion:	127	Resp:	615257
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.4
65	31.2	23.7	35.5
92	20.0	14.3	21.5



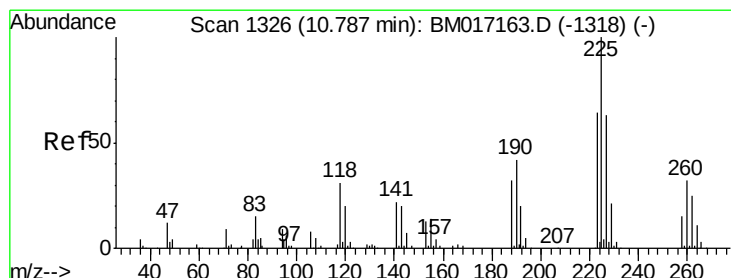
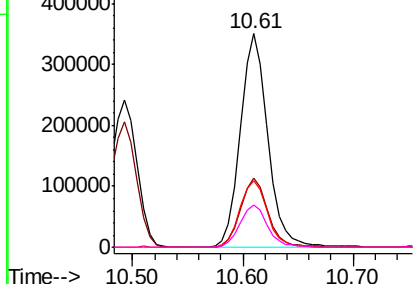
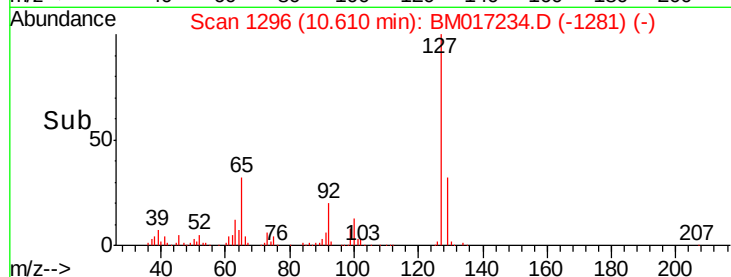
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

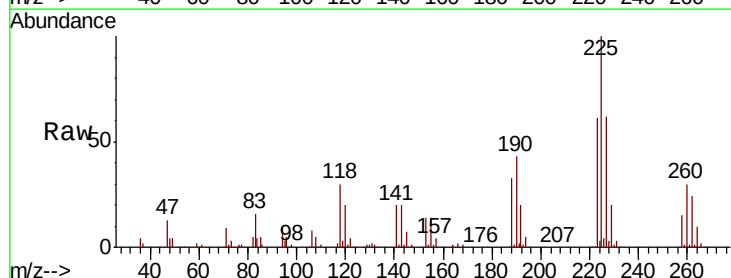
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 39.419 ng
RT: 10.77 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

Tgt Ion:	225	Resp:	622283
Ion	Ratio	Lower	Upper
225	100		
223	61.2	51.0	76.6
227	62.3	50.8	76.2

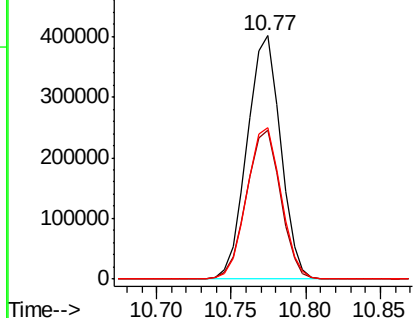
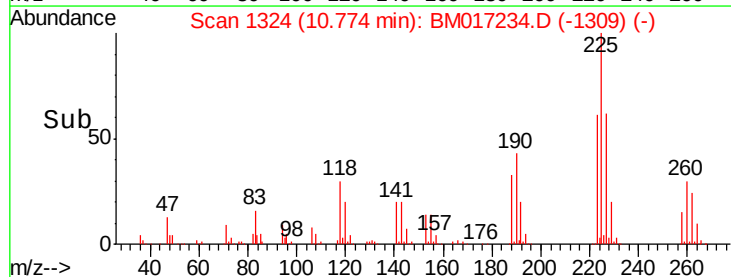


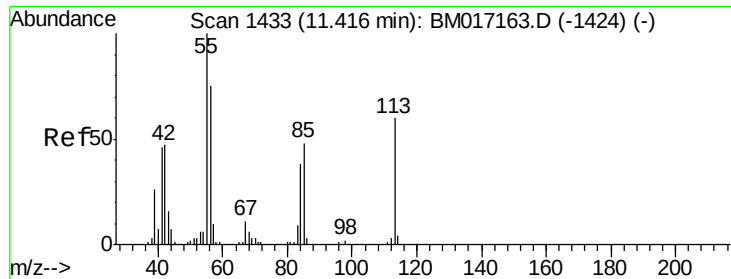
Abundance

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

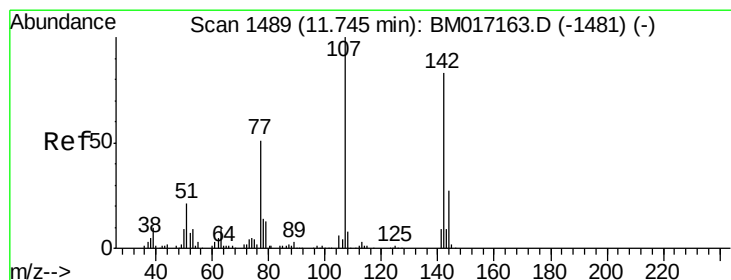
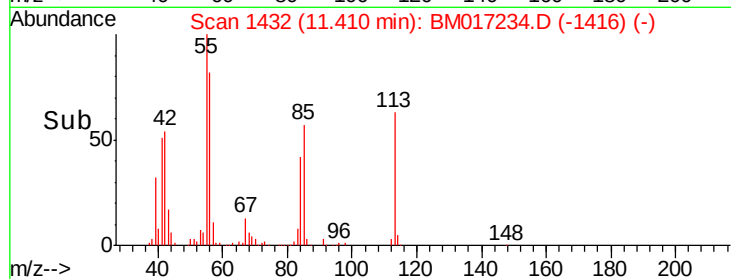
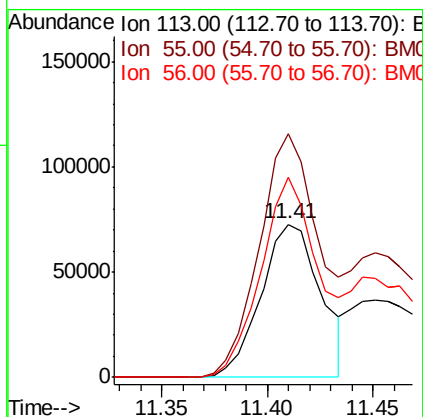
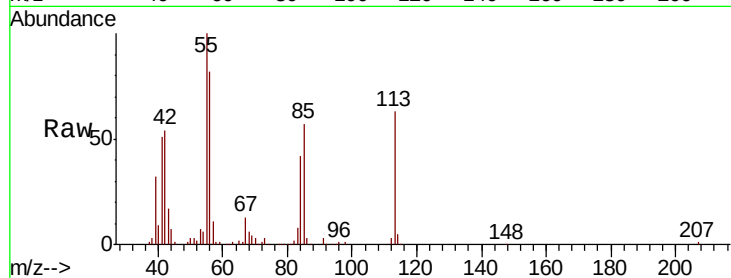




#35
 Caprolactam
 Concen: 18.852 ng
 RT: 11.41 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BM017234.D
 Acq: 19 Oct 2018 17:39

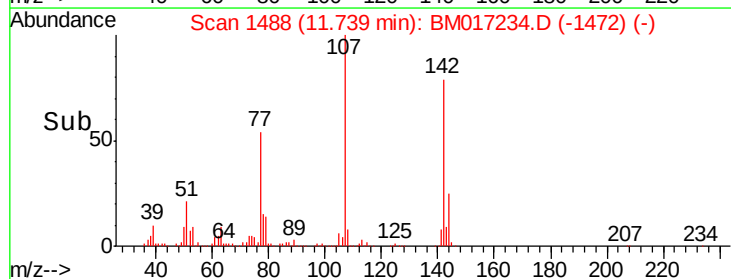
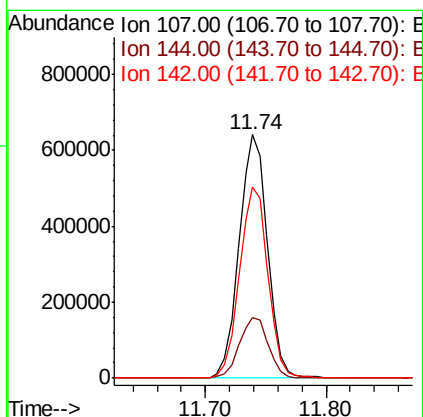
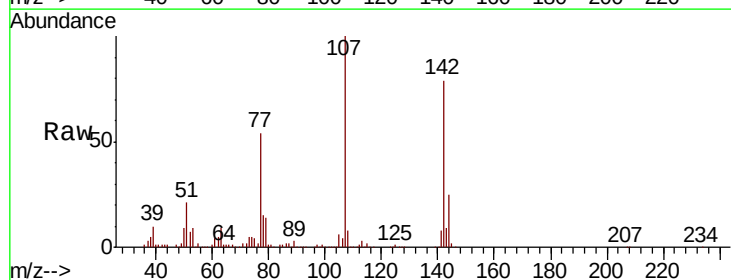
Instrument :
 BNA_M
 ClientSampleId :

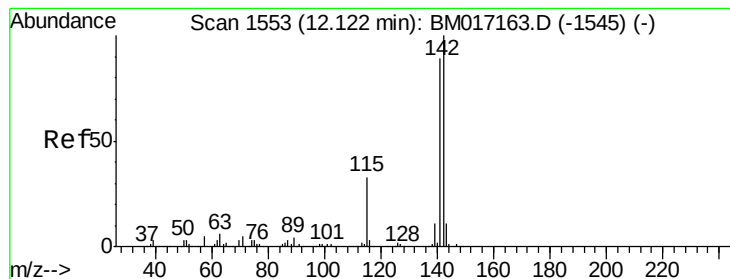
Tot Ion:113 Resp: 142690
 Ion Ratio Lower Upper
 113 100
 55 159.3 147.0 187.0
 56 130.7 104.5 144.5



#36
 4-Chloro-3-methylphenol
 Concen: 44.879 ng
 RT: 11.74 min Scan# 1488
 Delta R.T. -0.01 min
 Lab File: BM017234.D
 Acq: 19 Oct 2018 17:39

Tgt Ion:107 Resp: 1050672
 Ion Ratio Lower Upper
 107 100
 144 25.1 21.6 32.4
 142 78.6 66.0 99.0





#37

2-Methylnaphthalene

Concen: 47.643 ng

RT: 12.11 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

Instrument :

BNA_M

ClientSampleId :

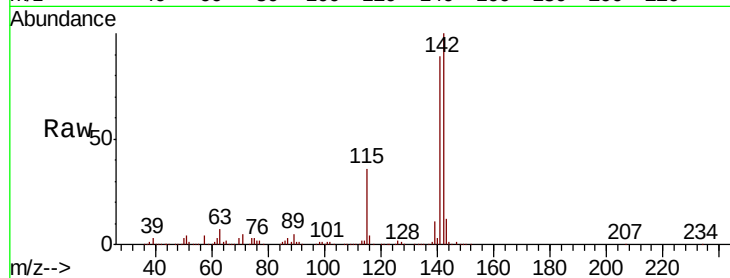
Tot Ion:142 Resp: 2289200

Ion Ratio Lower Upper

142 100

141 89.4 70.9 106.3

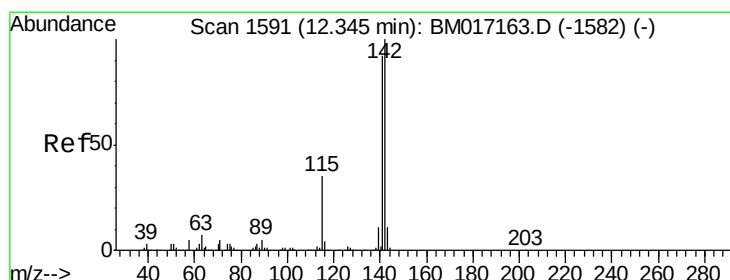
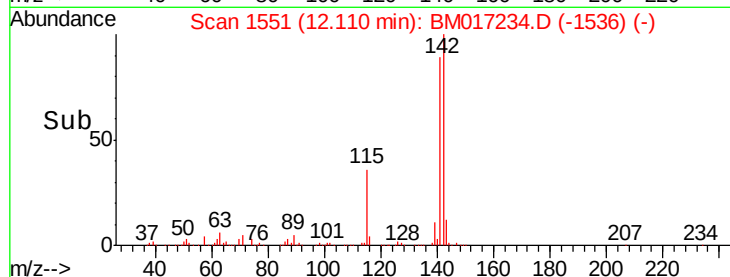
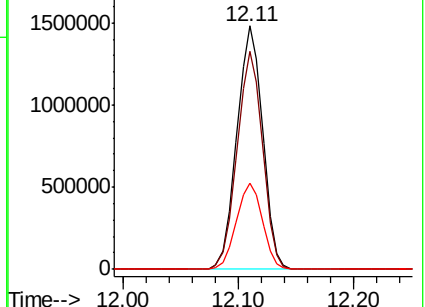
115 35.6 26.4 39.6



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: 46.598 ng

RT: 12.33 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

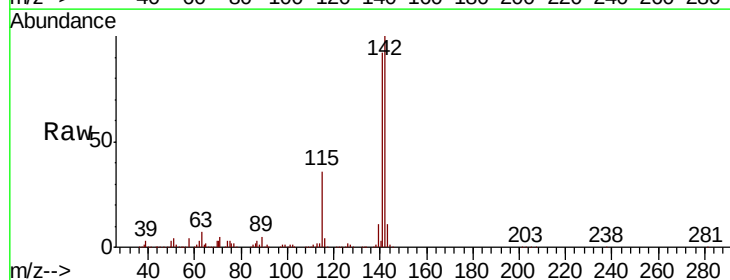
Tgt Ion:142 Resp: 2179170

Ion Ratio Lower Upper

142 100

141 91.9 73.8 110.6

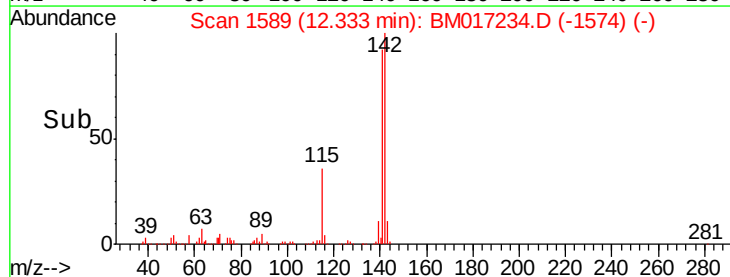
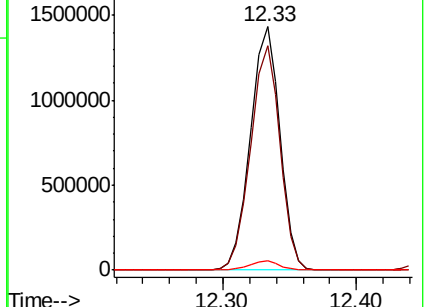
116 3.9 2.9 4.3

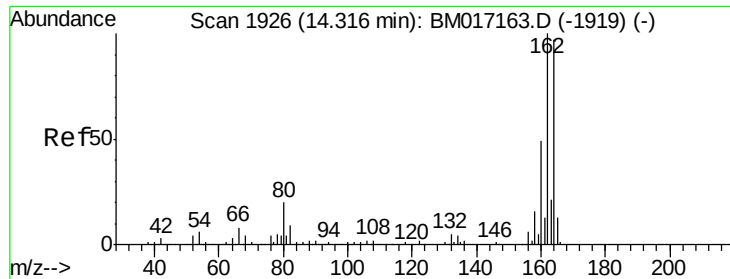


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.31 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

Instrument :

BNA_M

ClientSampleId :

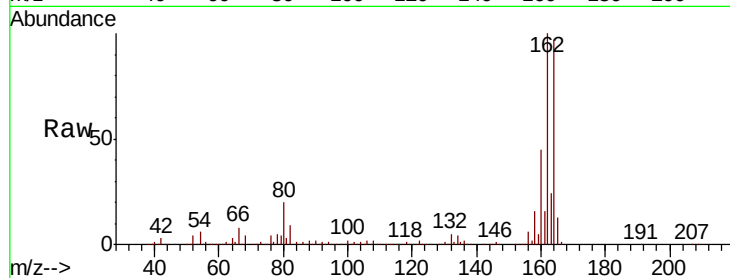
Tot Ion:164 Resp: 832245

Ion Ratio Lower Upper

164 100

162 102.8 82.1 123.1

160 45.8 40.2 60.2

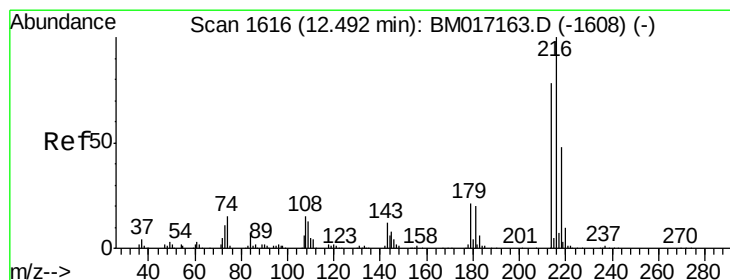
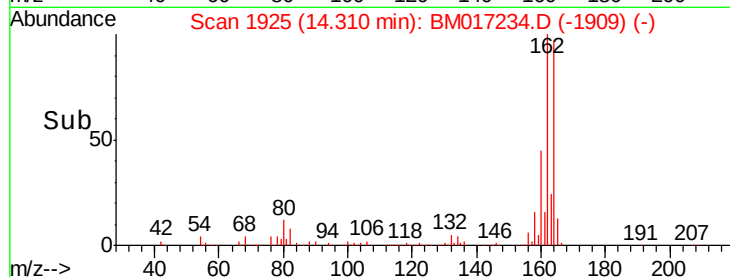
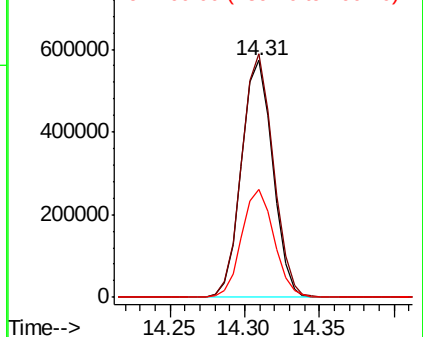


Abundance

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: 40.904 ng

RT: 12.49 min Scan# 1615

Delta R.T. -0.01 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

Tgt Ion:216 Resp: 1198859

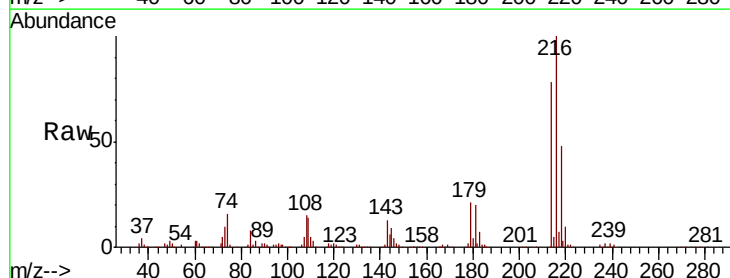
Ion Ratio Lower Upper

216 100

214 78.0 62.6 93.8

179 21.3 16.6 24.8

108 20.3 13.5 20.3#



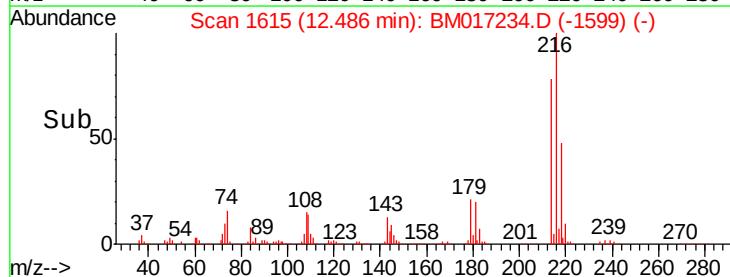
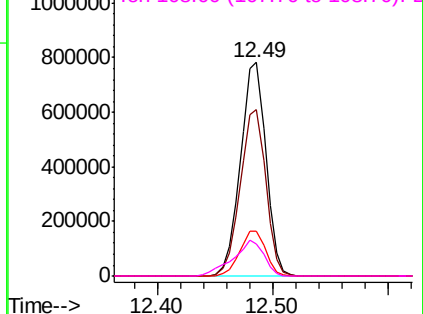
Abundance

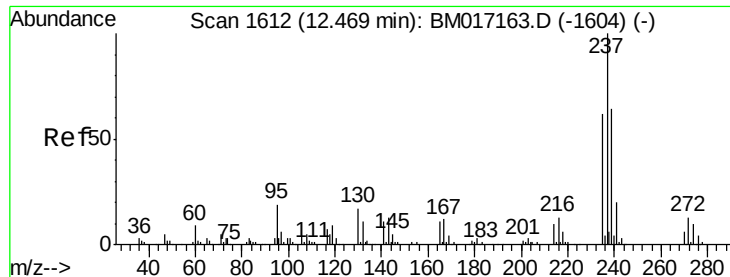
Ion 216.00 (215.70 to 216.70): E

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: 123.862 ng

RT: 12.46 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

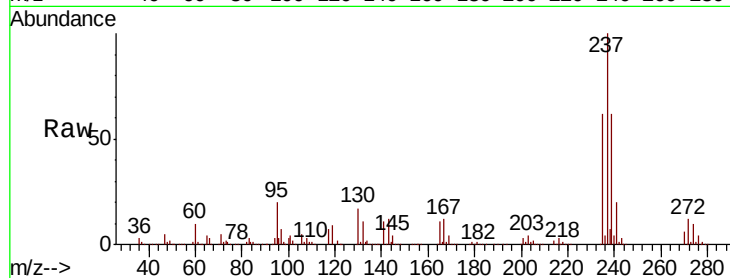
Instrument :

BNA_M

ClientSampleId :

Tot Ion:237 Resp: 1754988

Ion	Ratio	Lower	Upper
237	100		
235	62.1	42.4	82.4
272	12.4	0.0	33.0

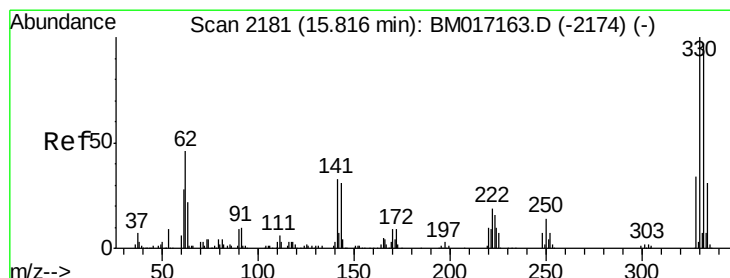
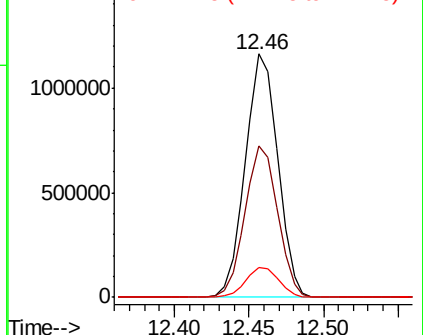
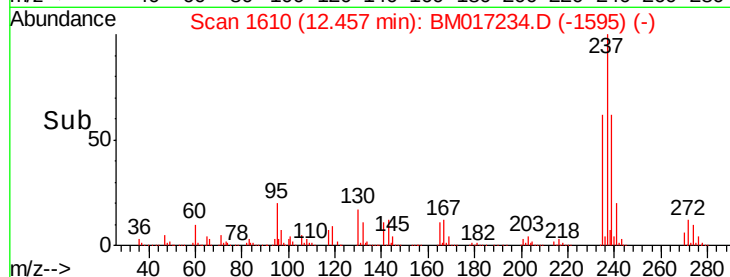


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 130.089 ng

RT: 15.81 min Scan# 2180

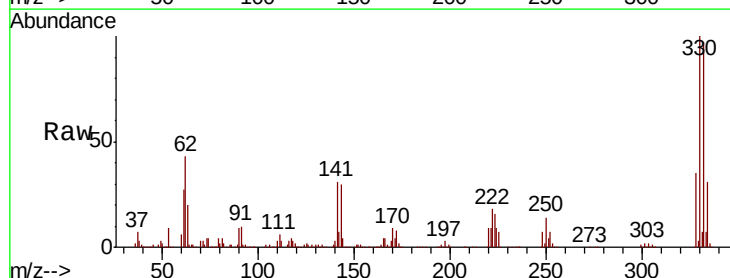
Delta R.T. -0.01 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

Tgt Ion:330 Resp: 1464143

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.3	115.9
141	33.9	27.4	41.0

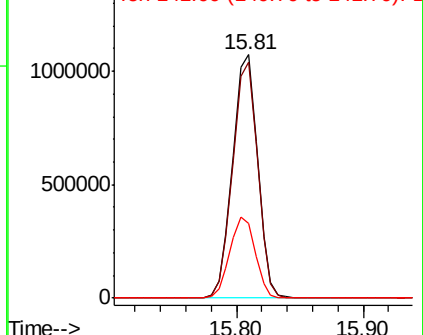
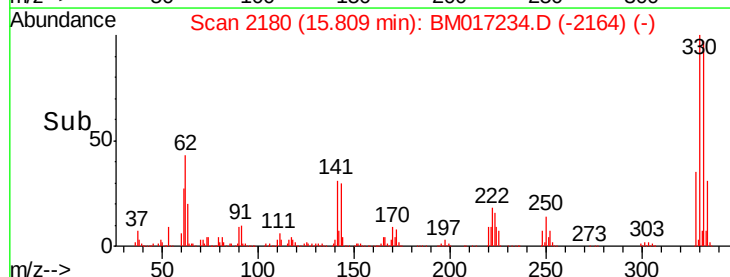


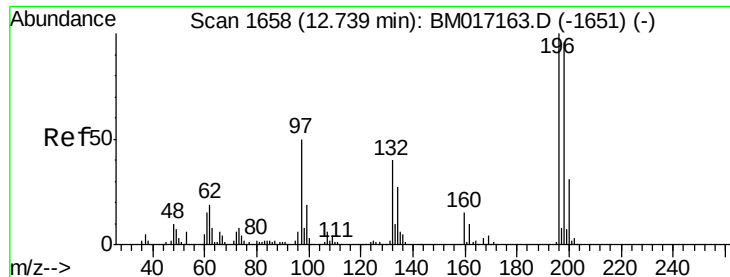
Abundance

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

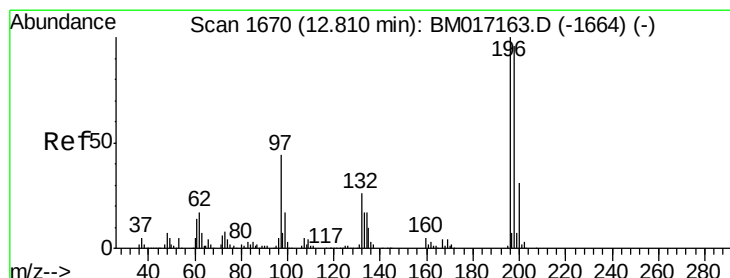
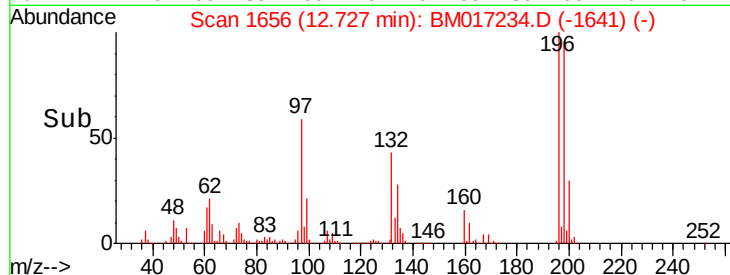
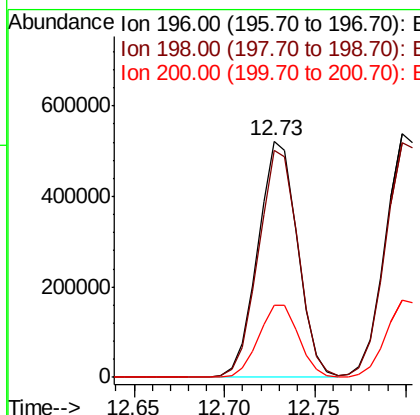
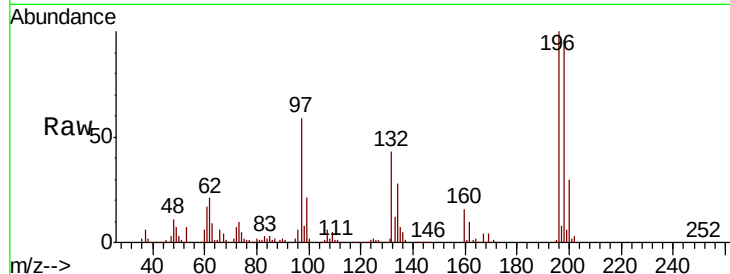




#43
 2,4,6-Trichlorophenol
 Concen: 46.687 ng
 RT: 12.73 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BM017234.D
 Acq: 19 Oct 2018 17:39

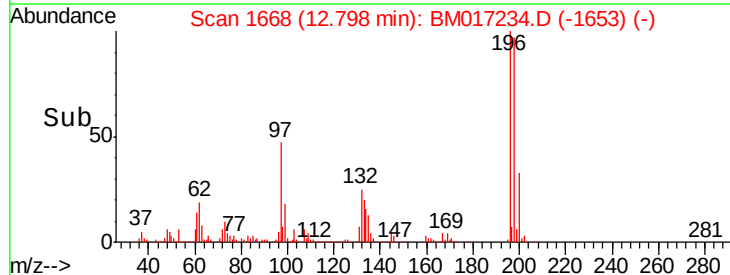
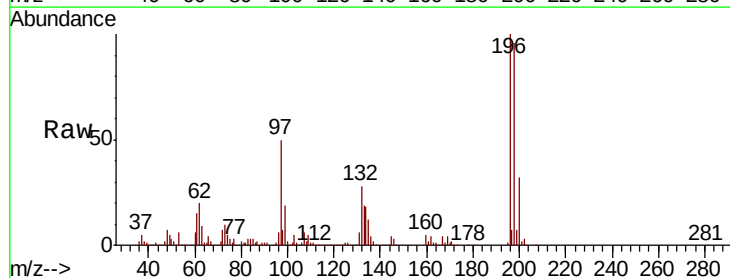
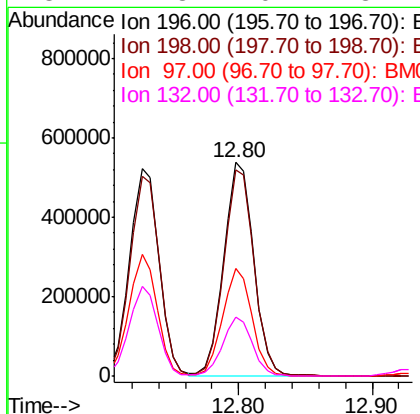
Instrument :
 BNA_M
 ClientSampleId :

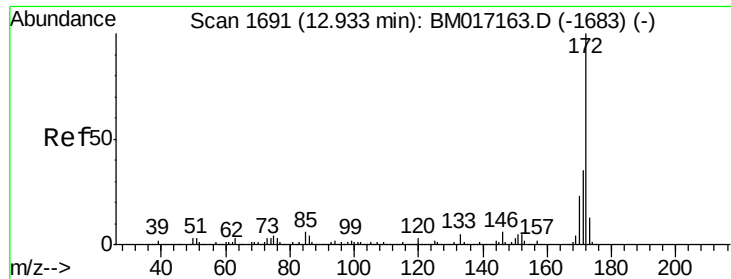
Tot Ion:196 Resp: 794332
 Ion Ratio Lower Upper
 196 100
 198 96.1 77.1 115.7
 200 30.3 25.0 37.4



#44
 2,4,5-Trichlorophenol
 Concen: 46.341 ng
 RT: 12.80 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM017234.D
 Acq: 19 Oct 2018 17:39

Tgt Ion:196 Resp: 845459
 Ion Ratio Lower Upper
 196 100
 198 96.2 76.6 115.0
 97 50.1 35.5 53.3
 132 27.8 20.7 31.1

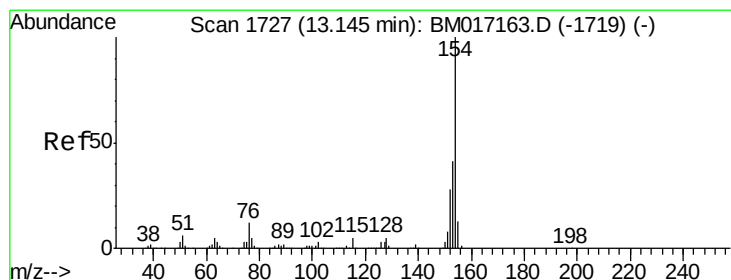
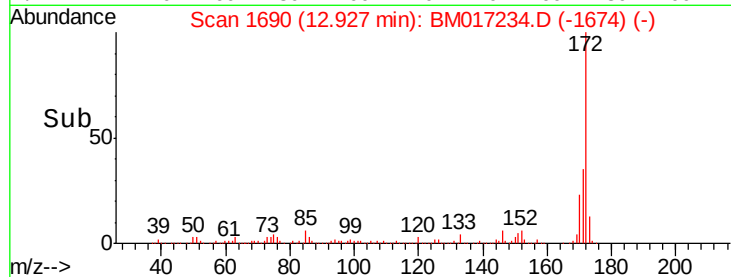
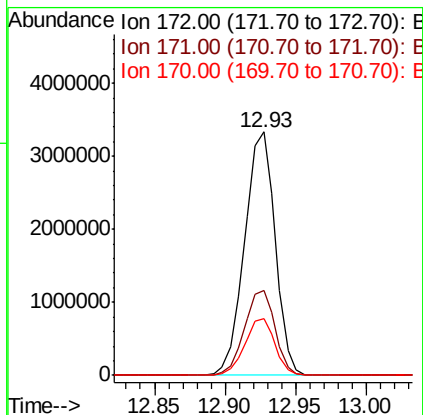
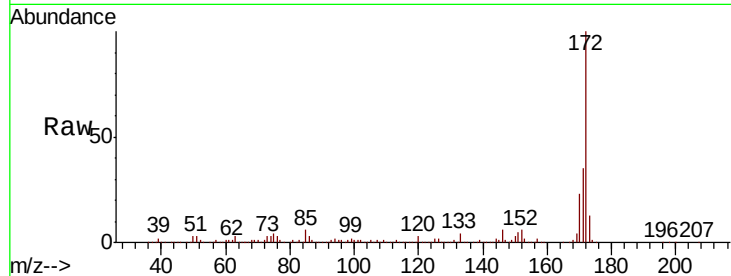




#45
2-Fluorobiphenyl
Concen: 80.871 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

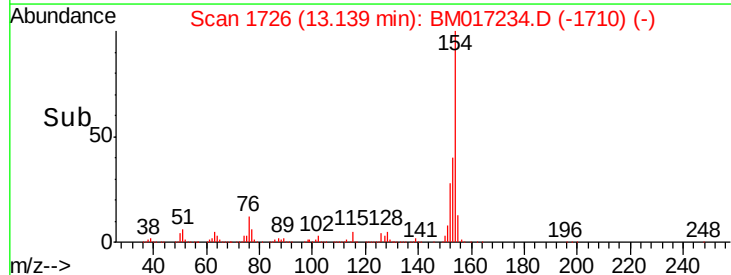
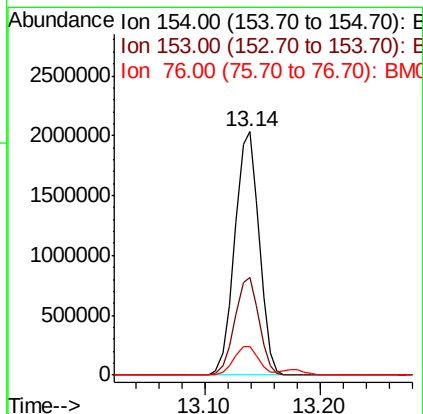
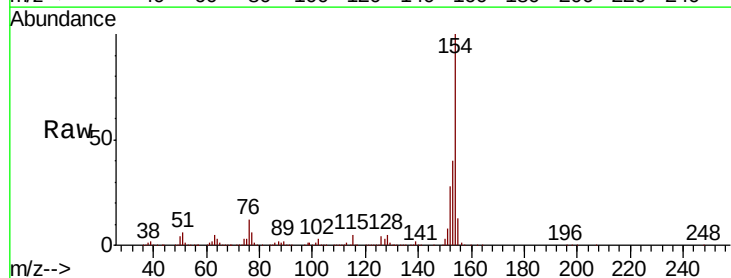
Instrument :
BNA_M
ClientSampleId :

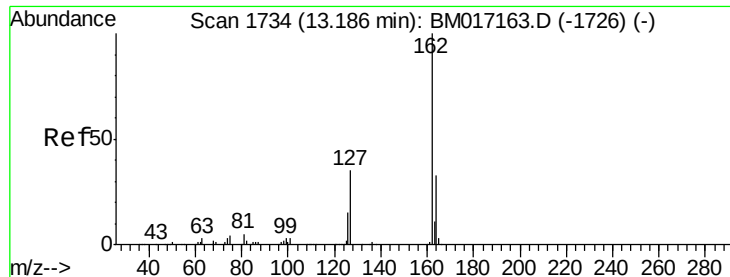
Tot Ion:172 Resp: 5058423
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.0 18.3 27.5



#46
1,1'-Biphenyl
Concen: 39.630 ng
RT: 13.14 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

Tgt Ion:154 Resp: 2968015
Ion Ratio Lower Upper
154 100
153 40.0 20.5 60.5
76 11.7 0.0 31.8

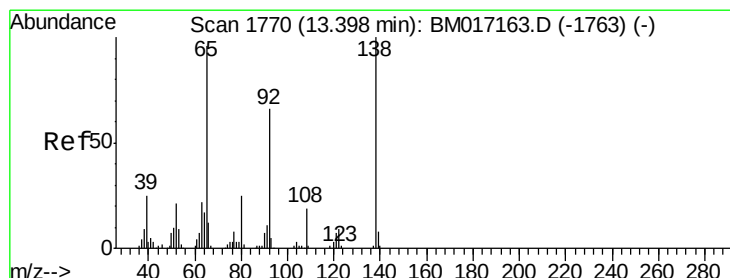
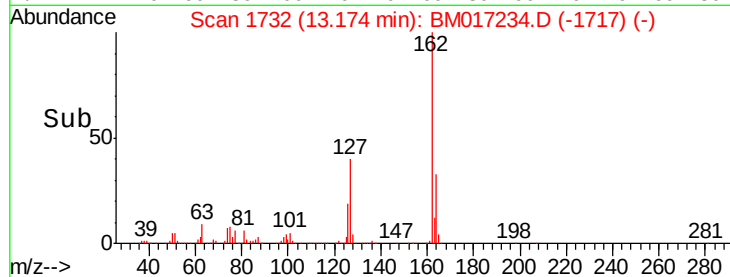
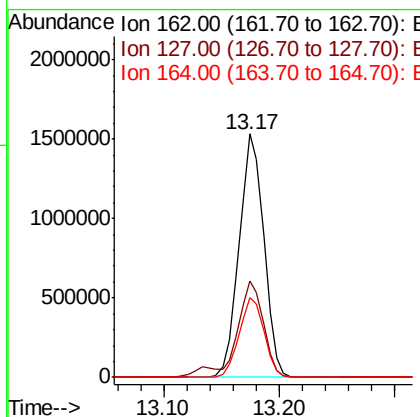
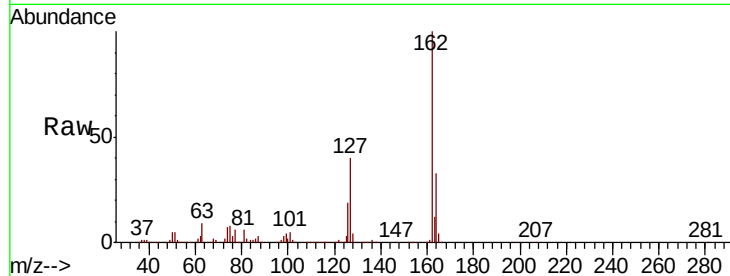




#47
 2-Chloronaphthalene
 Concen: 41.123 ng
 RT: 13.17 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BM017234.D
 Acq: 19 Oct 2018 17:39

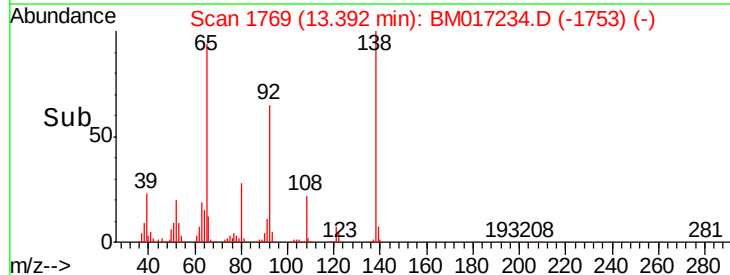
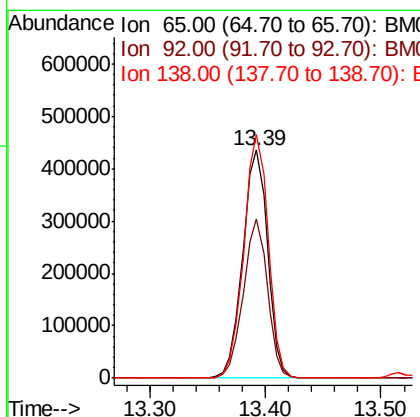
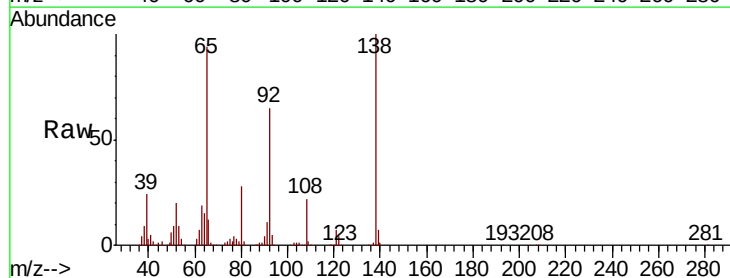
Instrument :
 BNA_M
 ClientSampleId :

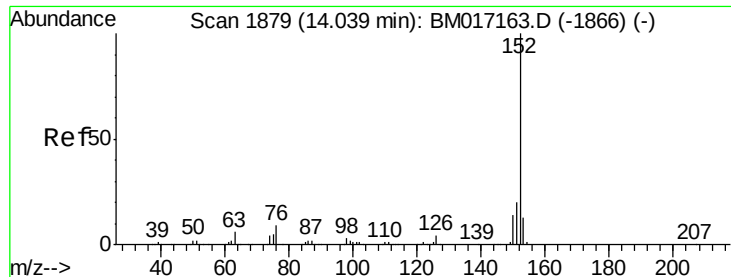
Tot Ion:162 Resp: 2265759
 Ion Ratio Lower Upper
 162 100
 127 39.5 31.0 46.4
 164 32.5 26.6 39.8



#48
 2-Nitroaniline
 Concen: 42.616 ng
 RT: 13.39 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: BM017234.D
 Acq: 19 Oct 2018 17:39

Tgt Ion: 65 Resp: 652083
 Ion Ratio Lower Upper
 65 100
 92 69.6 54.9 82.3
 138 106.8 83.7 125.5





#49

Acenaphthylene

Concen: 45.420 ng

RT: 14.03 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

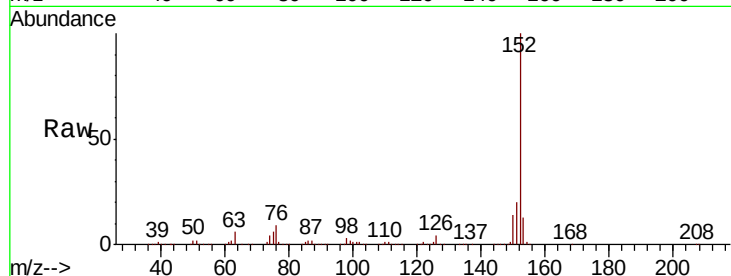
Instrument :

BNA_M

ClientSampleId :

Tot Ion:152 Resp: 3627396

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.0	24.0
153	13.2	10.4	15.6

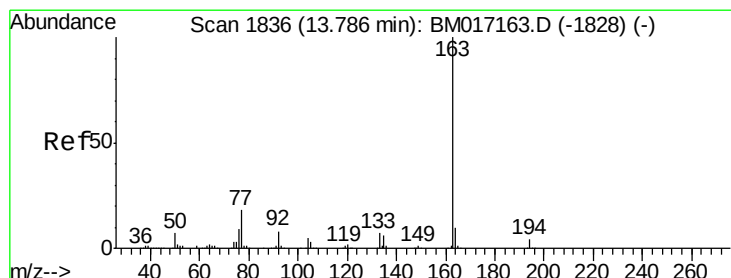
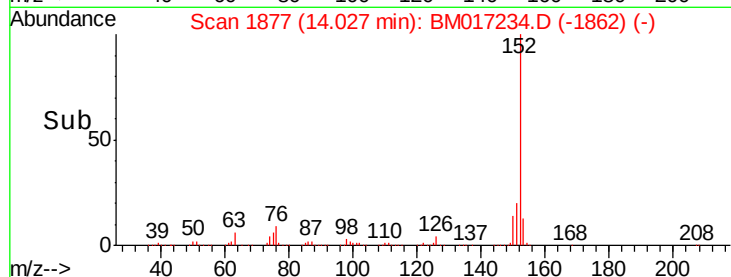
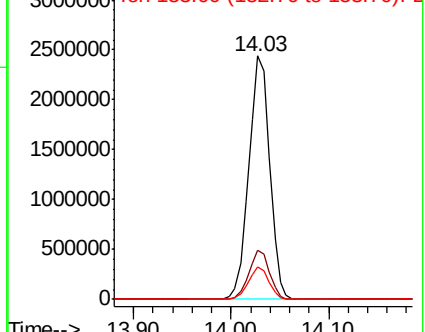


Abundance

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: 42.192 ng

RT: 13.78 min Scan# 1835

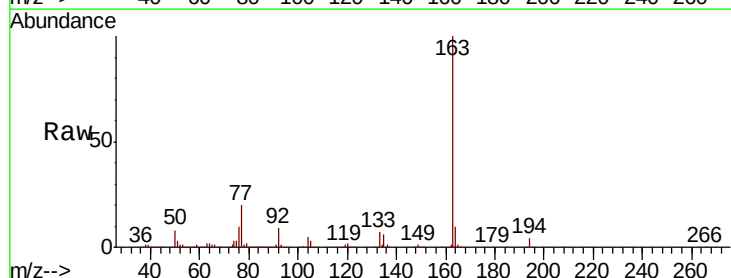
Delta R.T. -0.01 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

Tgt Ion:163 Resp: 2709045

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	10.0	7.8	11.8

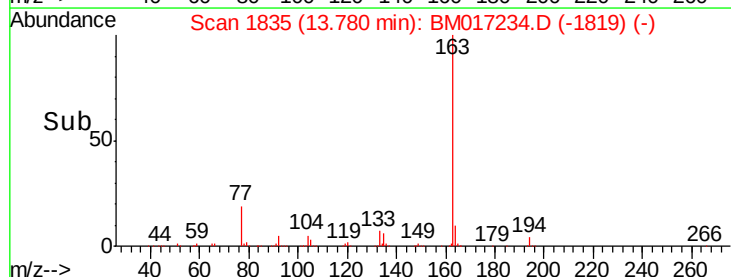
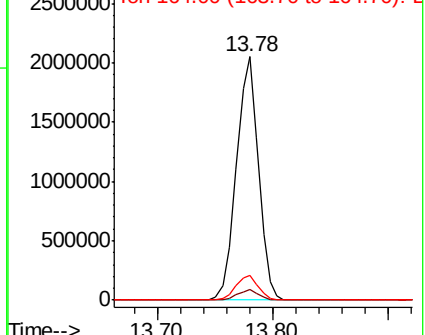


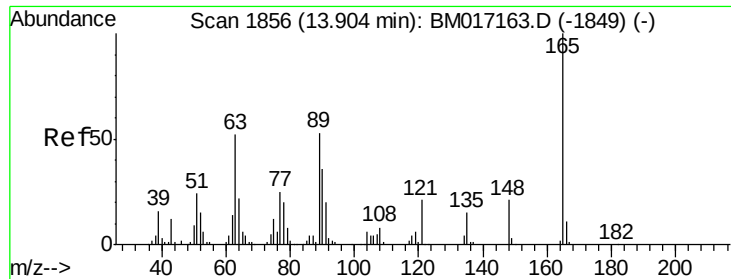
Abundance

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: 42.441 ng

RT: 13.90 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

Instrument :

BNA_M

ClientSampled :

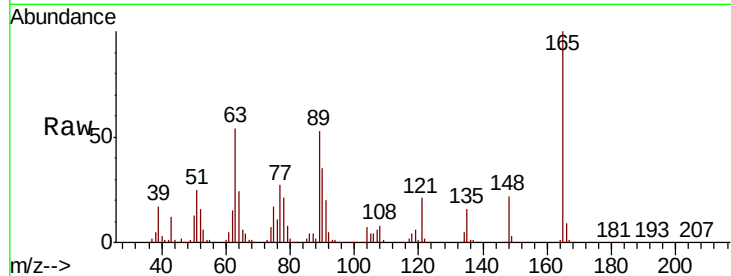
Tot Ion:165 Resp: 599774

Ion Ratio Lower Upper

165 100

63 54.0 42.7 64.1

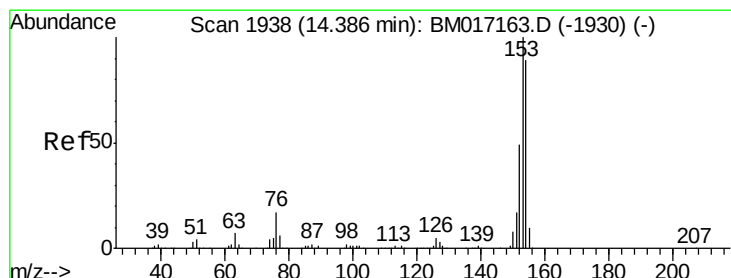
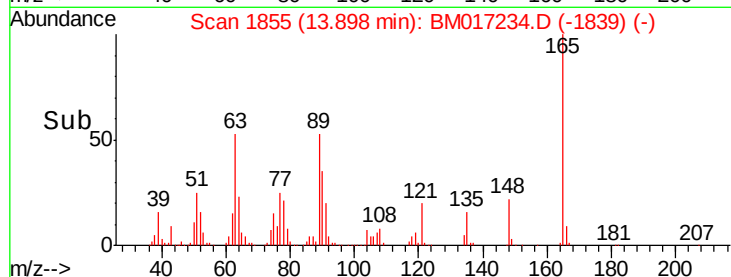
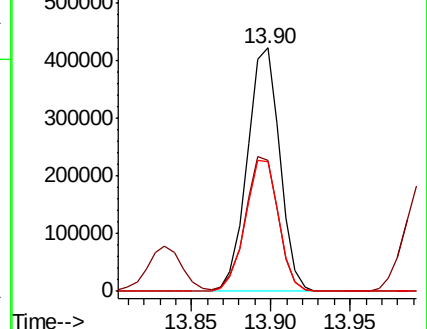
89 53.1 42.1 63.1



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM



#52

Acenaphthene

Concen: 42.357 ng

RT: 14.37 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

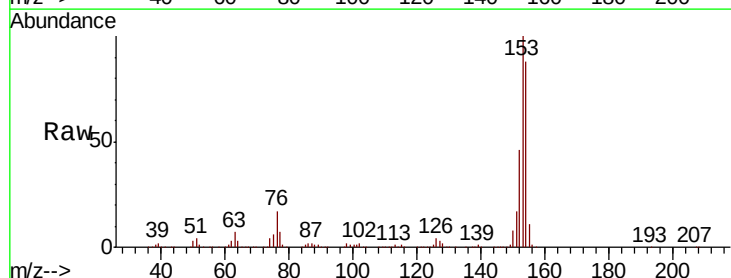
Tgt Ion:154 Resp: 2123966

Ion Ratio Lower Upper

154 100

153 113.2 90.2 135.2

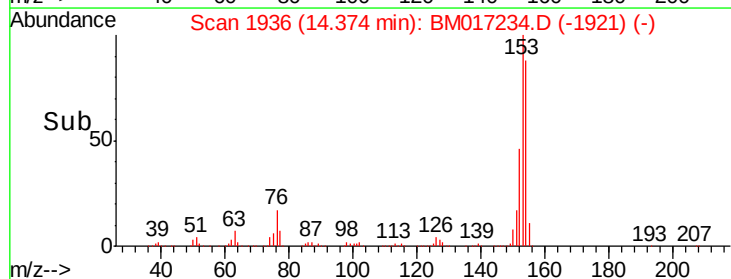
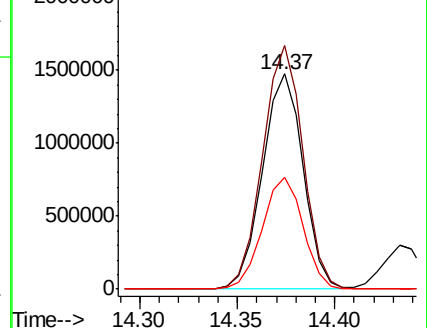
152 51.8 44.2 66.4

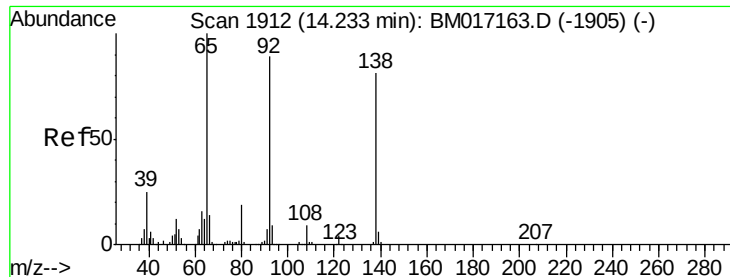


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

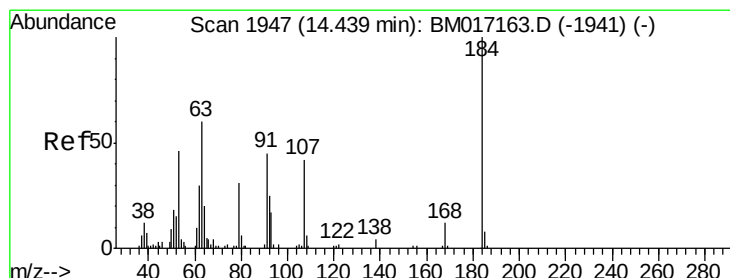
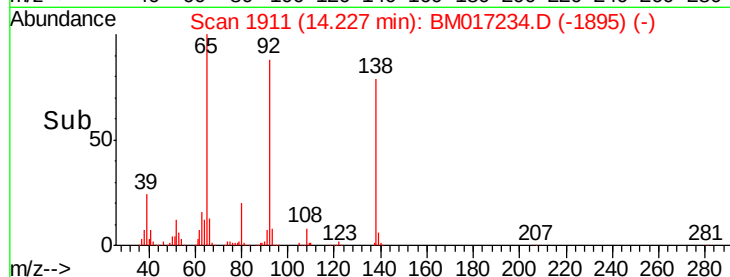
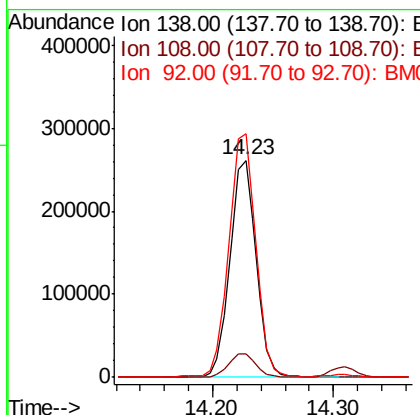
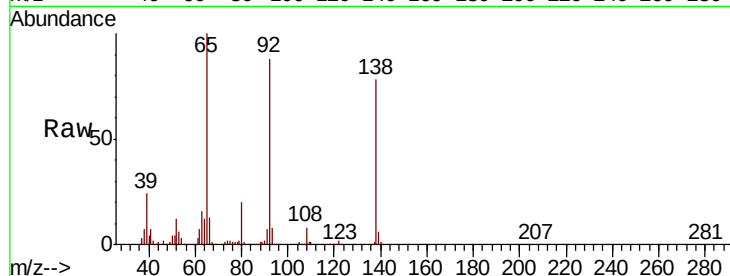




#53
 3-Nitroaniline
 Concen: 25.876 ng
 RT: 14.23 min Scan# 1911
 Delta R.T. -0.01 min
 Lab File: BM017234.D
 Acq: 19 Oct 2018 17:39

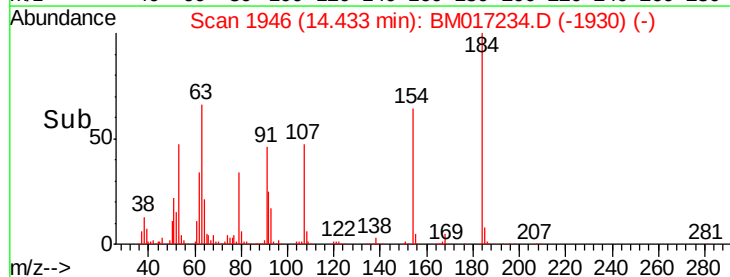
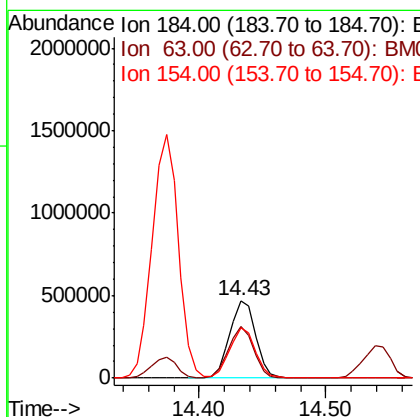
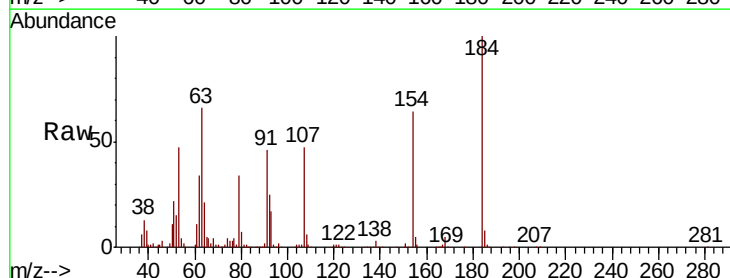
Instrument :
 BNA_M
 ClientSampleId :

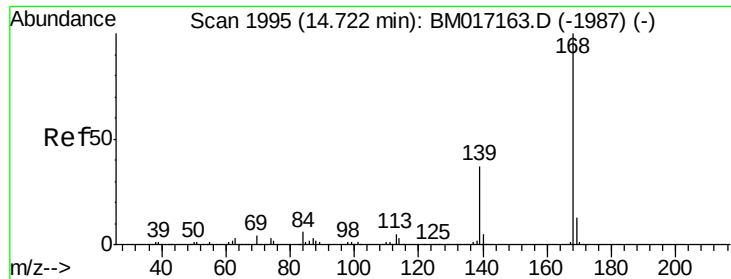
Tot Ion:138 Resp: 396041
 Ion Ratio Lower Upper
 138 100
 108 10.6 8.7 13.1
 92 112.1 87.9 131.9



#54
 2,4-Dinitrophenol
 Concen: 80.408 ng
 RT: 14.43 min Scan# 1946
 Delta R.T. -0.01 min
 Lab File: BM017234.D
 Acq: 19 Oct 2018 17:39

Tgt Ion:184 Resp: 667018
 Ion Ratio Lower Upper
 184 100
 63 66.5 51.2 76.8
 154 64.2 47.8 71.8

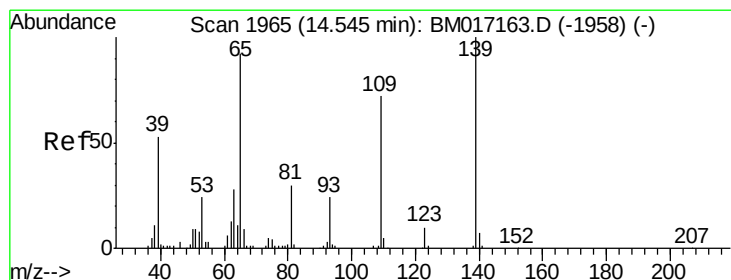
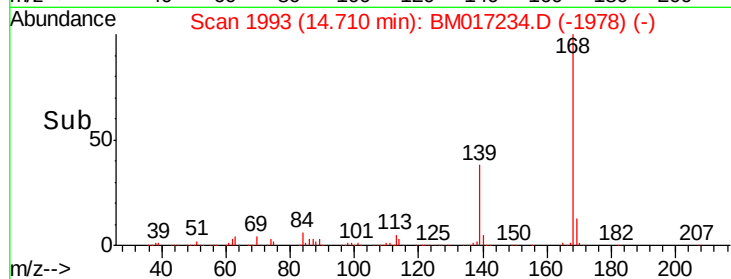
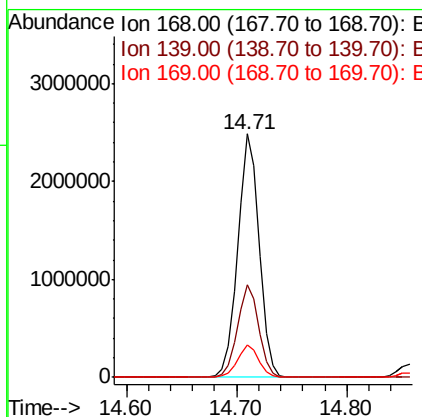
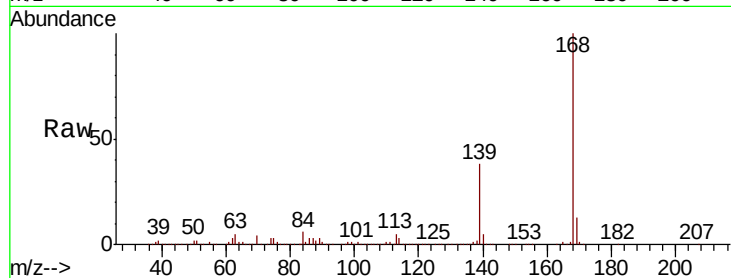




#55
Dibenzofuran
Concen: 40.472 ng
RT: 14.71 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

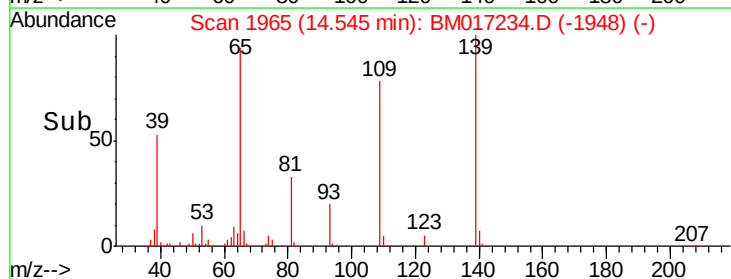
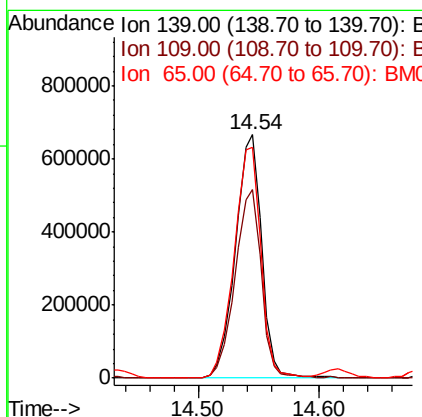
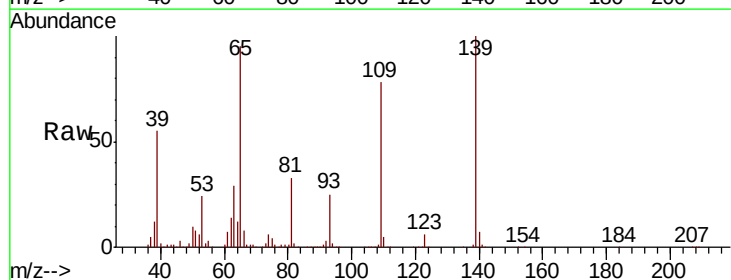
Instrument :
BNA_M
ClientSampleId :

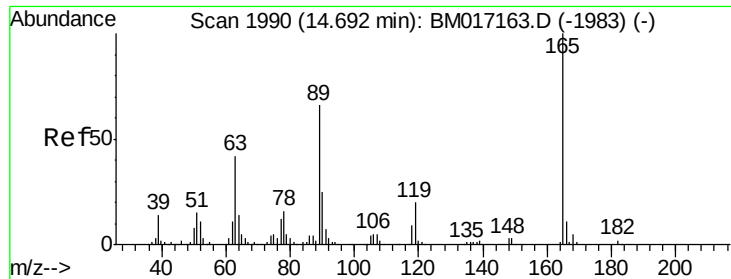
Tot Ion:168 Resp: 3374877
Ion Ratio Lower Upper
168 100
139 37.9 29.3 43.9
169 13.4 10.6 15.8



#56
4-Nitrophenol
Concen: 72.846 ng
RT: 14.54 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

Tgt Ion:139 Resp: 1009899
Ion Ratio Lower Upper
139 100
109 77.7 51.8 91.8
65 95.0 72.1 112.1

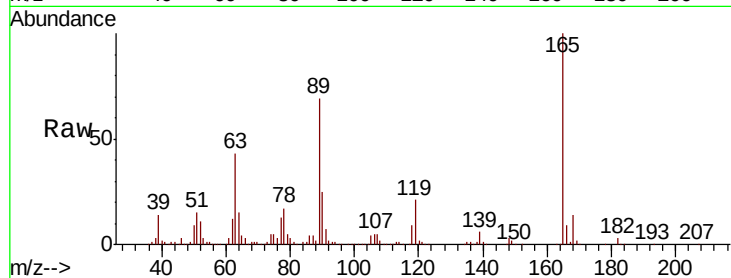




#57
2,4-Dinitrotoluene
Concen: 43.104 ng
RT: 14.69 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.1	33.8	50.8
89	68.8	53.1	79.7
182	2.9	2.0	3.0



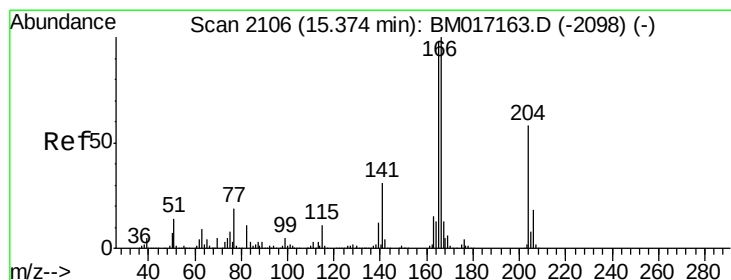
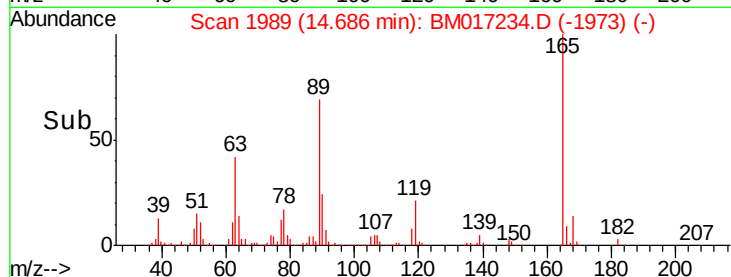
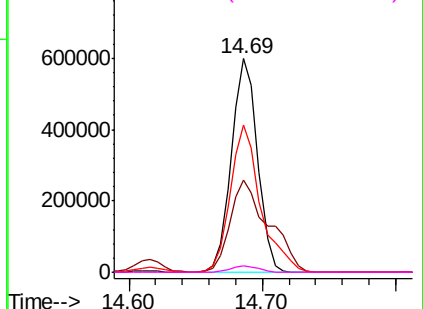
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

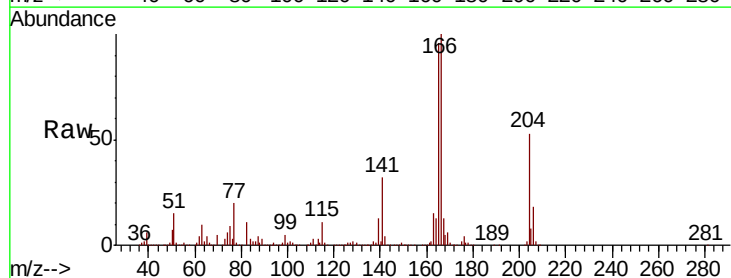
Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 43.620 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.3	78.1	117.1
167	13.4	10.6	16.0

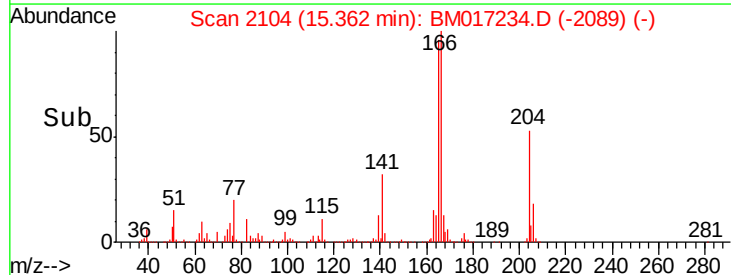
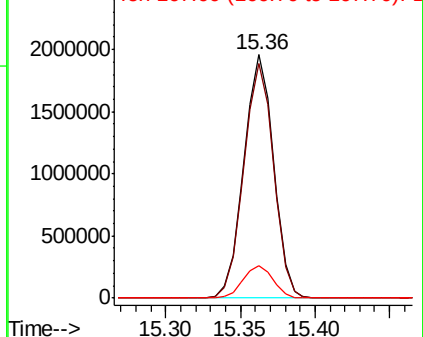


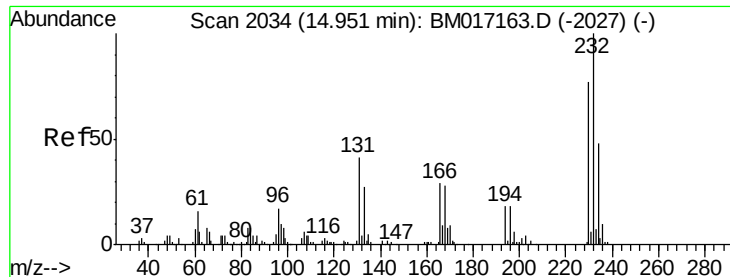
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.889 ng

RT: 14.94 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

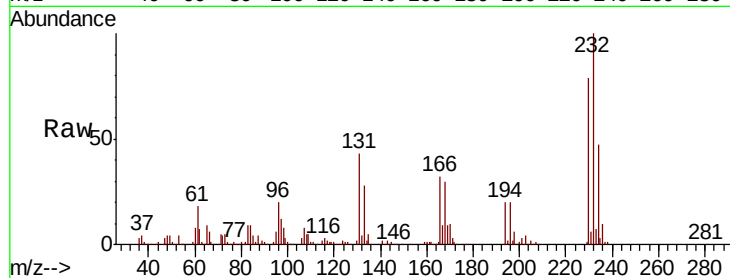
Instrument :

BNA_M

ClientSampleId :

Tot Ion:232 Resp: 763162

Ion	Ratio	Lower	Upper
232	100		
131	43.1	33.1	49.7
130	2.2	1.7	2.5
166	31.4	24.4	36.6

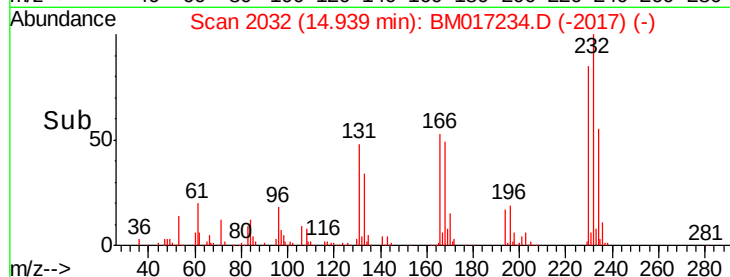


Abundance Ion 232.00 (231.70 to 232.70): E

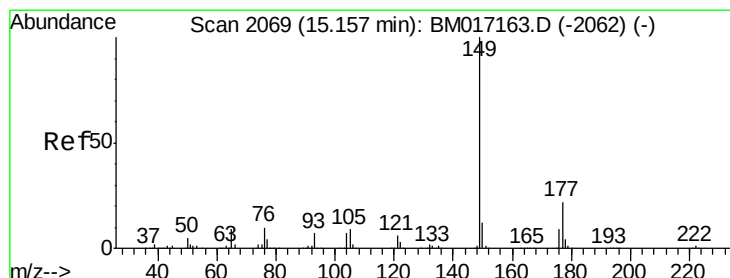
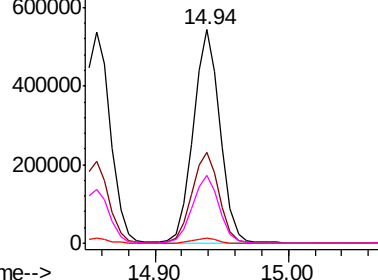
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->



#60

Diethylphthalate

Concen: 42.169 ng

RT: 15.15 min Scan# 2068

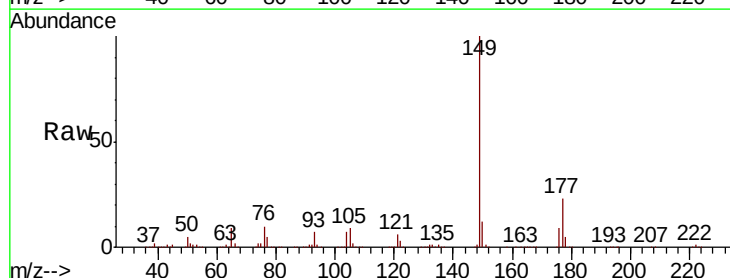
Delta R.T. -0.01 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

Tgt Ion:149 Resp: 2685189

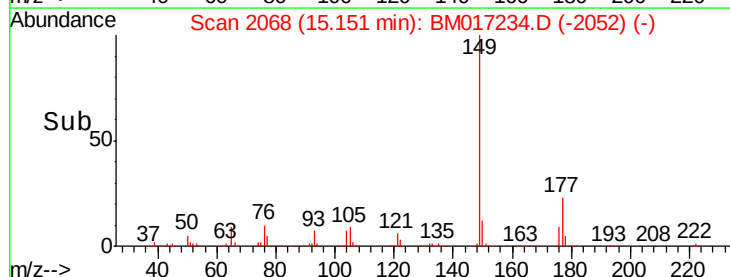
Ion	Ratio	Lower	Upper
149	100		
177	22.6	17.7	26.5
150	12.5	10.0	15.0



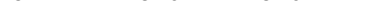
Abundance Ion 149.00 (148.70 to 149.70): E

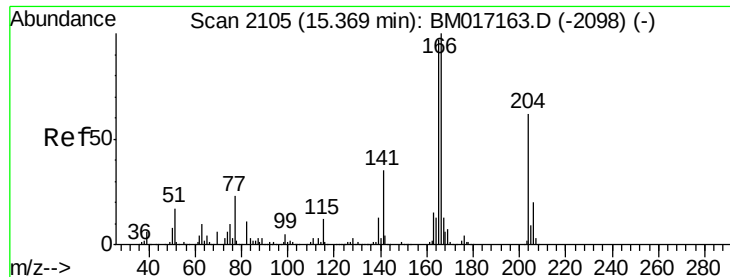
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



Time-->

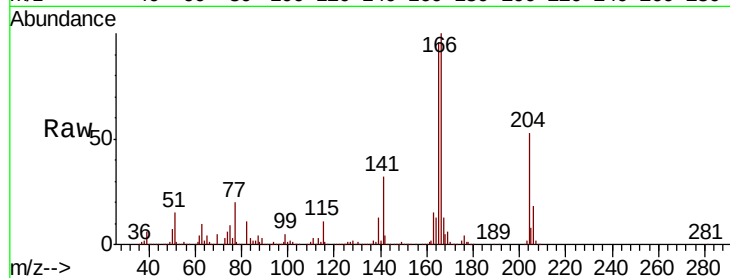




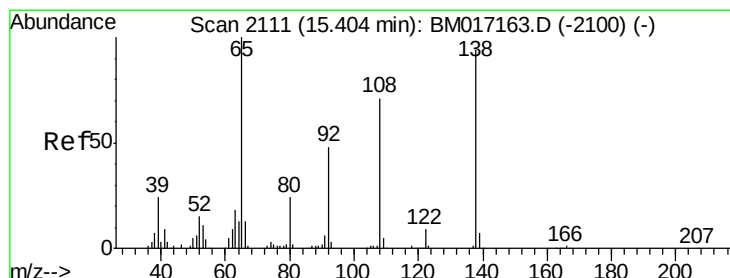
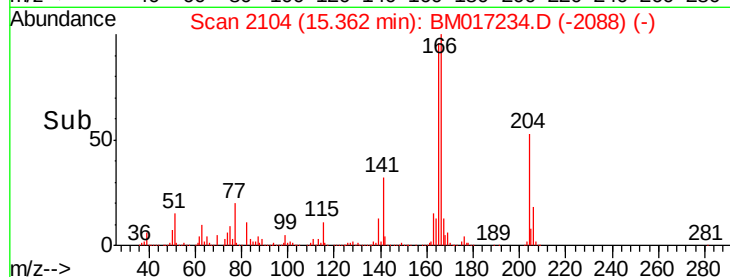
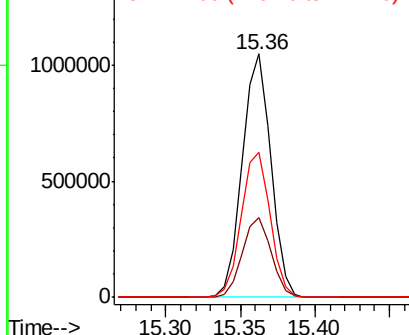
#61
4-Chlorophenyl-phenylether
Concen: 39.449 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

Instrument :
BNA_M
ClientSampleId :

Tot Ion:204 Resp: 1388101
Ion Ratio Lower Upper
204 100
206 32.8 26.1 39.1
141 59.8 45.4 68.2

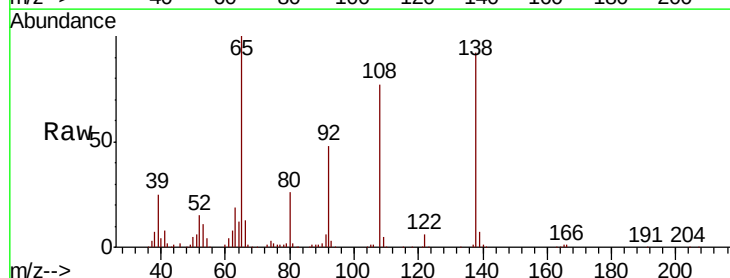


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

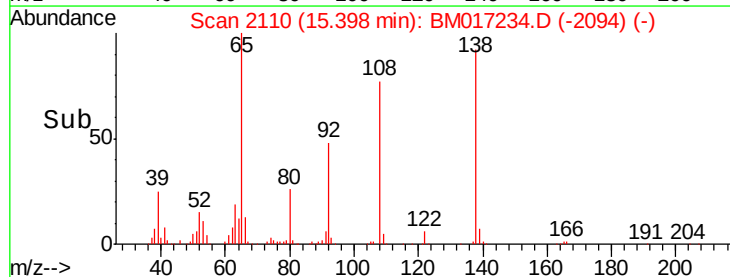
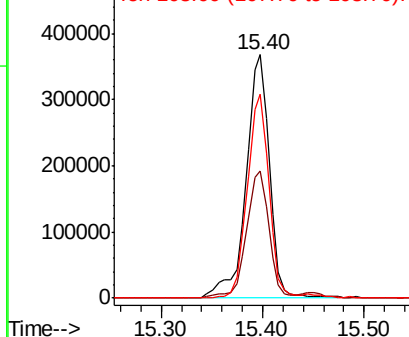


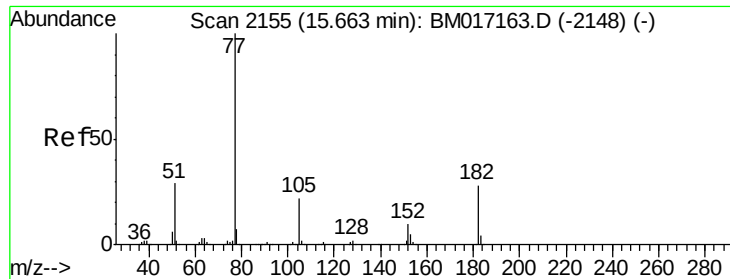
#62
4-Nitroaniline
Concen: 35.898 ng
RT: 15.40 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

Tgt Ion:138 Resp: 590433
Ion Ratio Lower Upper
138 100
92 52.2 31.2 71.2
108 84.0 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: 42.142 ng

RT: 15.66 min Scan# 2154

Delta R.T. -0.01 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

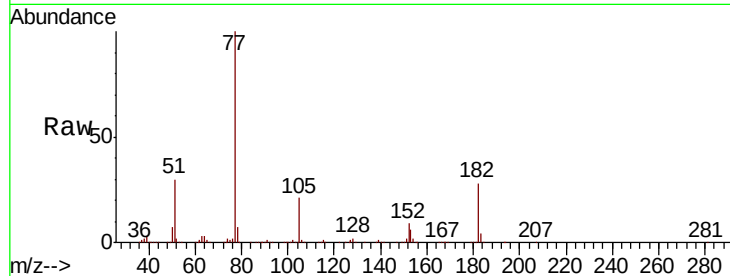
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 2608262

Ion	Ratio	Lower	Upper
77	100		
182	28.2	8.3	48.3
105	21.3	1.5	41.5
51	30.4	8.8	48.8

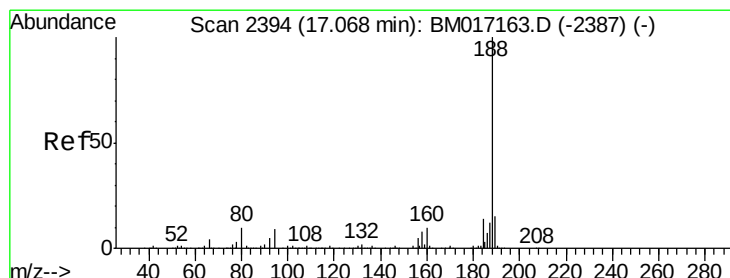
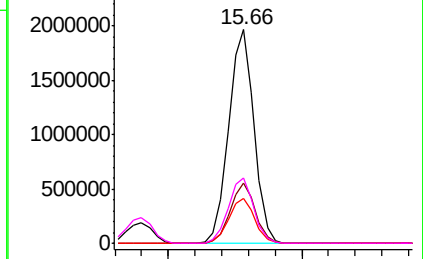
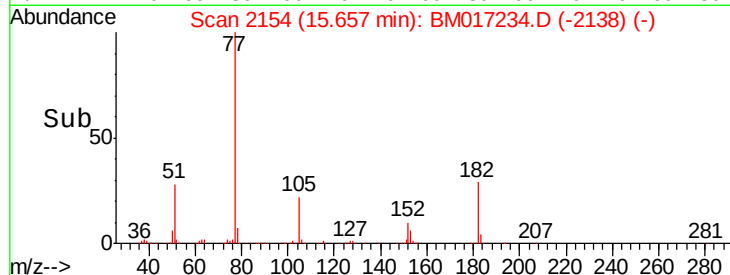


Abundance Ion 77.00 (76.70 to 77.70): BM017234.D (-2148) (-)

Ion 182.00 (181.70 to 182.70): BM017234.D (-2148) (-)

Ion 105.00 (104.70 to 105.70): BM017234.D (-2148) (-)

Ion 51.00 (50.70 to 51.70): BM017234.D (-2148) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2392

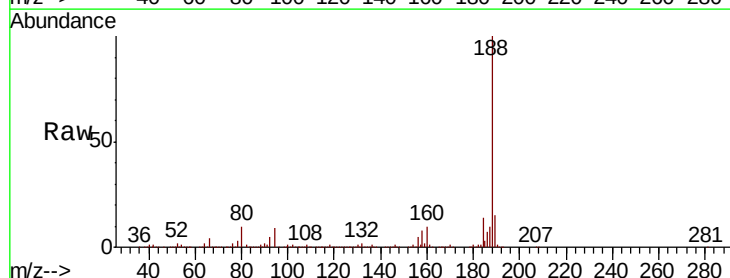
Delta R.T. -0.01 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

Tgt Ion: 188 Resp: 1755415

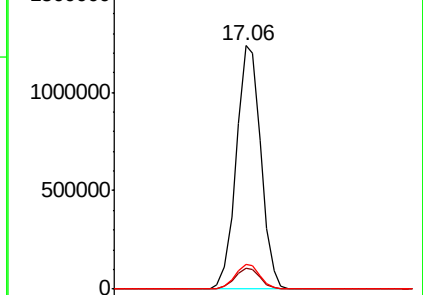
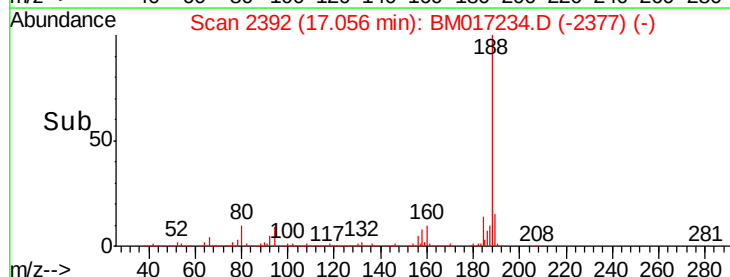
Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.0	10.4
80	10.1	7.7	11.5

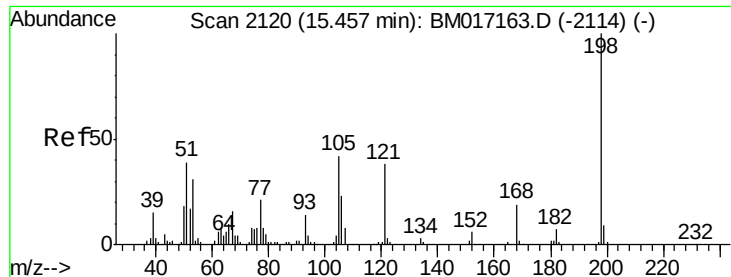


Abundance Ion 188.00 (187.70 to 188.70): BM017234.D (-2377) (-)

Ion 94.00 (93.70 to 94.70): BM017234.D (-2377) (-)

Ion 80.00 (79.70 to 80.70): BM017234.D (-2377) (-)

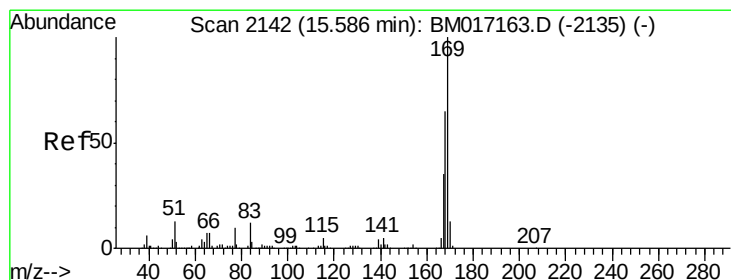
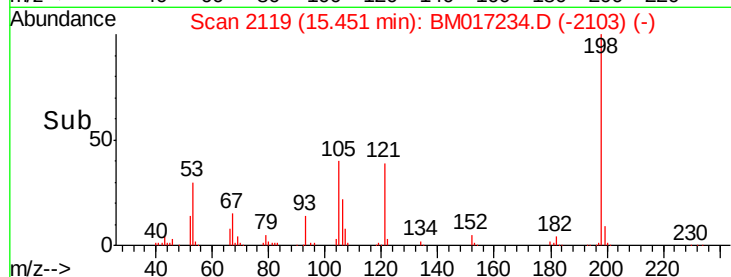
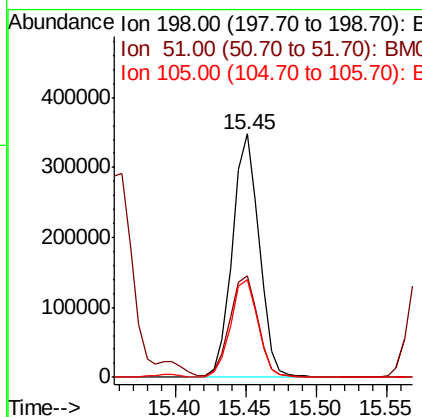
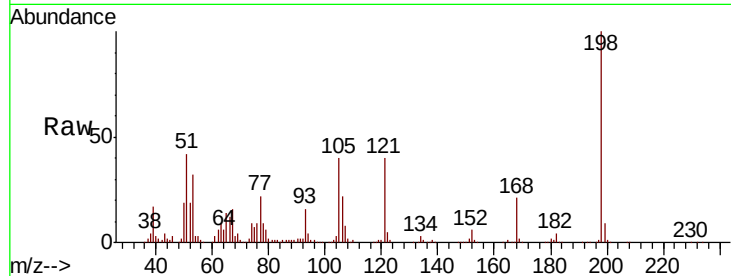




#65
 4,6-Dinitro-2-methylphenol
 Concen: 41.940 ng
 RT: 15.45 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BM017234.D
 Acq: 19 Oct 2018 17:39

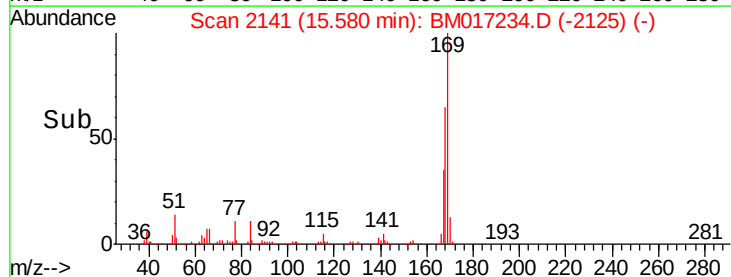
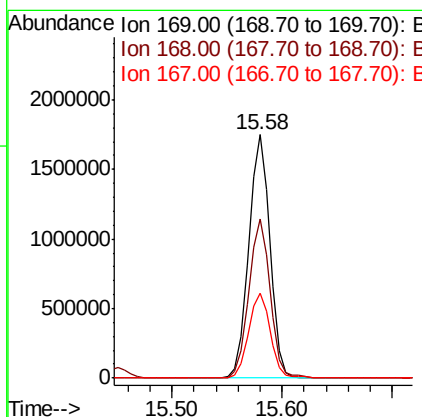
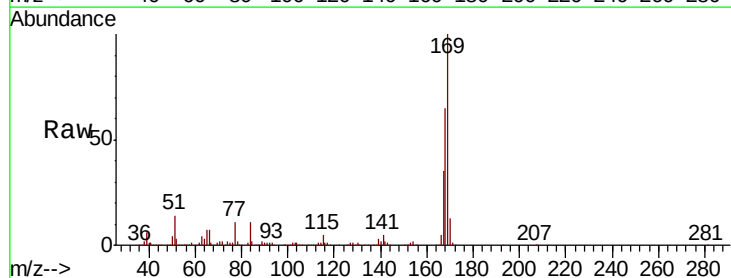
Instrument :
 BNA_M
 ClientSampled :

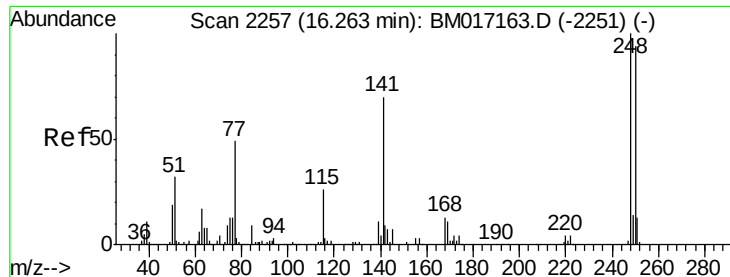
Tot Ion	198	Resp	461103
Ion Ratio	100	Lower	Upper
51	41.6	20.3	60.3
105	40.0	21.9	61.9



#66
 n-Nitrosodiphenylamine
 Concen: 44.205 ng
 RT: 15.58 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: BM017234.D
 Acq: 19 Oct 2018 17:39

Tgt Ion	169	Resp	2347708
Ion Ratio	100	Lower	Upper
168	65.2	52.2	78.4
167	34.9	28.4	42.6

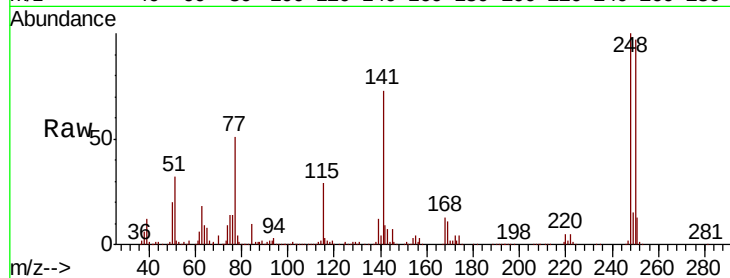




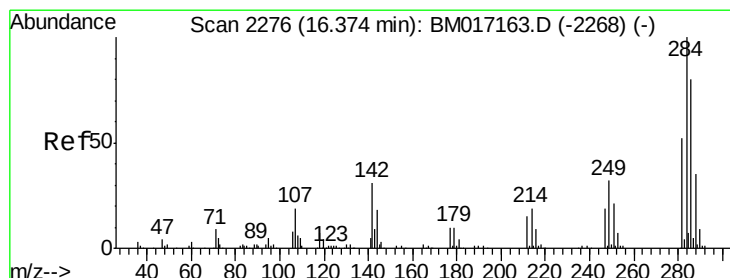
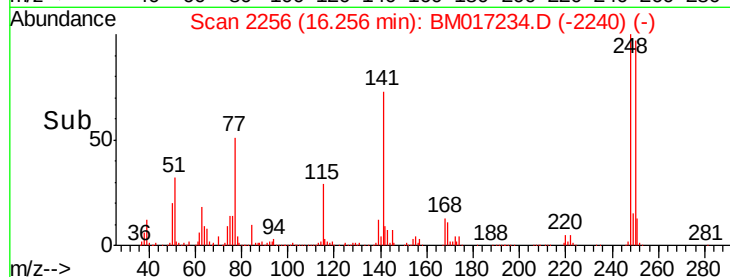
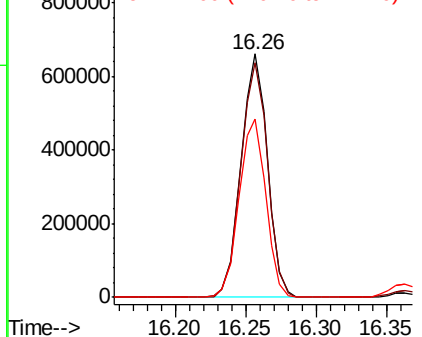
#67
4-Bromophenyl-phenylether
Concen: 44.814 ng
RT: 16.26 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

Instrument :
BNA_M
ClientSampleId :

Tot Ion:248 Resp: 863774
Ion Ratio Lower Upper
248 100
250 96.5 75.1 112.7
141 73.1 55.6 83.4

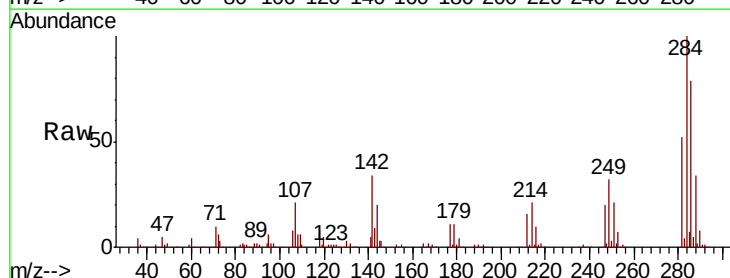


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

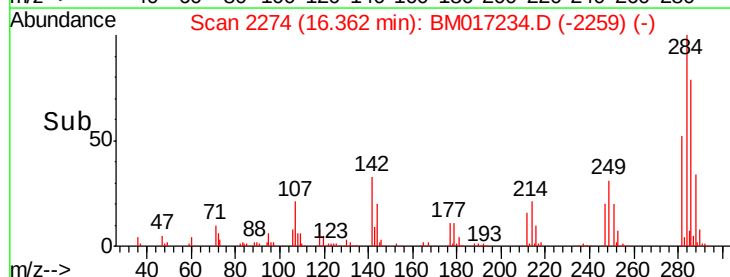
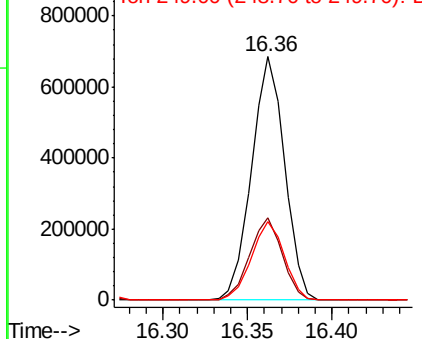


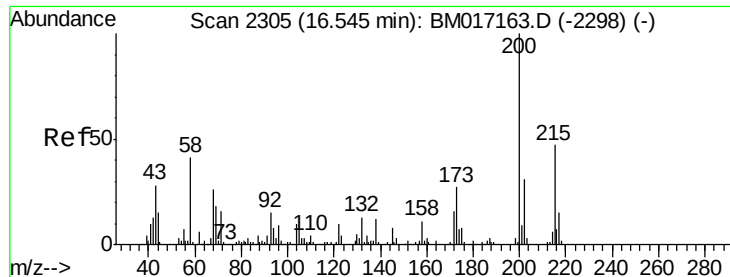
#68
Hexachlorobenzene
Concen: 41.846 ng
RT: 16.36 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

Tgt Ion:284 Resp: 936914
Ion Ratio Lower Upper
284 100
142 33.6 25.0 37.6
249 32.1 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

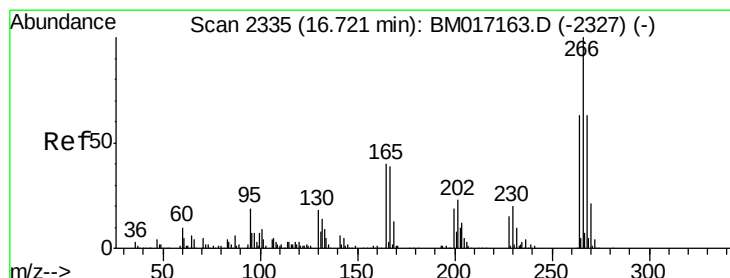
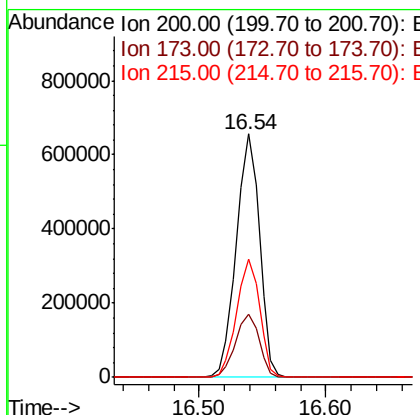
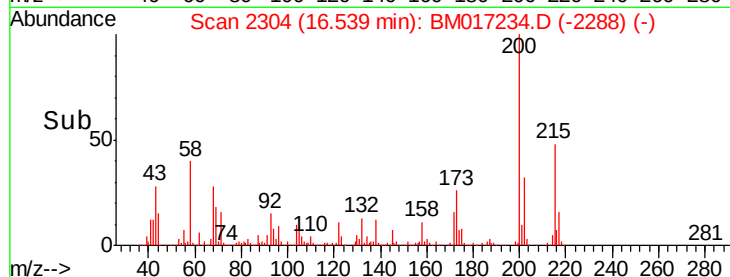
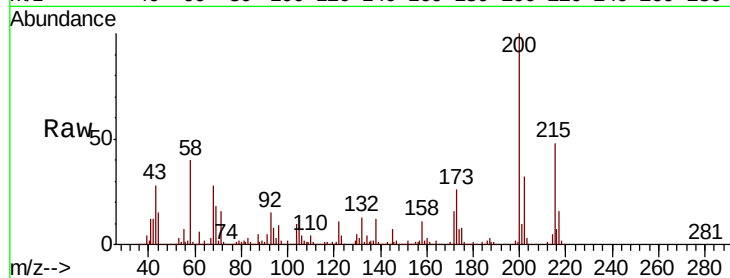




#69
 Atrazine
 Concen: 43.744 ng
 RT: 16.54 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BM017234.D
 Acq: 19 Oct 2018 17:39

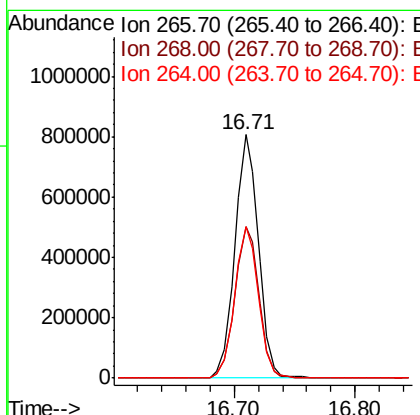
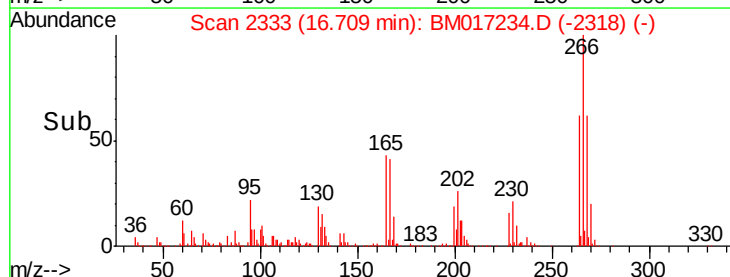
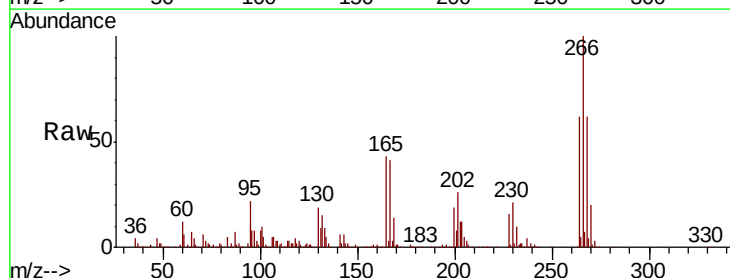
Instrument :
 BNA_M
 ClientSampleId :

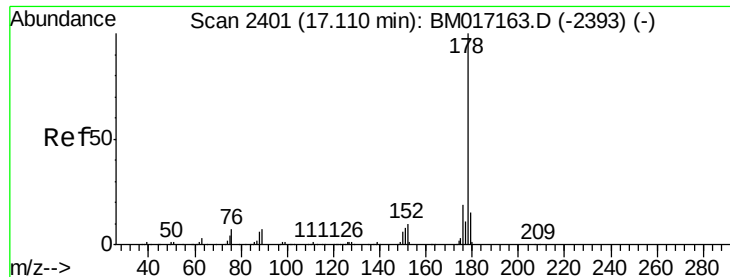
Tot Ion:200 Resp: 831489
 Ion Ratio Lower Upper
 200 100
 173 25.9 7.0 47.0
 215 48.4 27.3 67.3



#70
 Pentachlorophenol
 Concen: 71.638 ng
 RT: 16.71 min Scan# 2333
 Delta R.T. -0.01 min
 Lab File: BM017234.D
 Acq: 19 Oct 2018 17:39

Tgt Ion:266 Resp: 1098749
 Ion Ratio Lower Upper
 266 100
 268 62.4 50.7 76.1
 264 62.3 50.4 75.6





#71

Phenanthrene

Concen: 42.877 ng

RT: 17.10 min Scan# 2400

Delta R.T. -0.01 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

Instrument :

BNA_M

ClientSampleId :

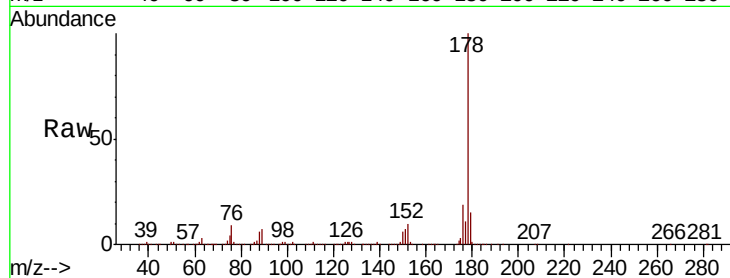
Tot Ion:178 Resp: 4060920

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.3	12.3	18.5

178 100

176 18.8 15.0 22.6

179 15.3 12.3 18.5

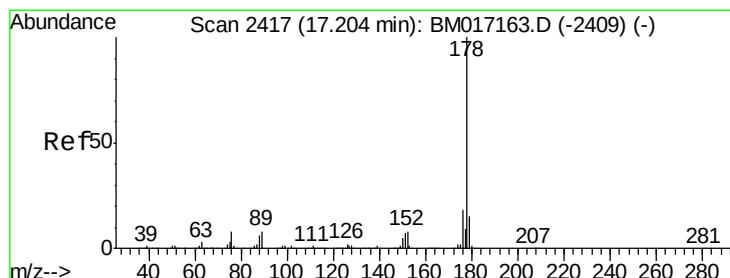
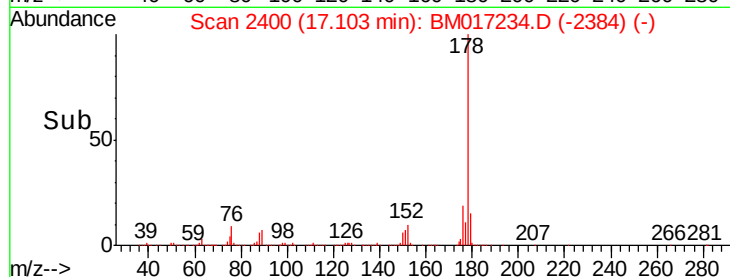
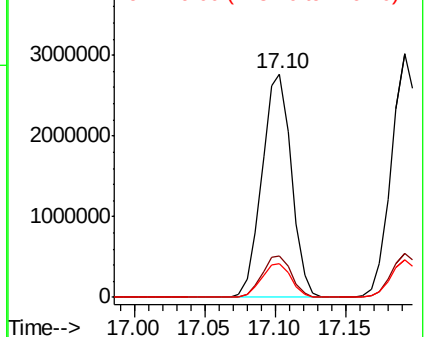


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 45.972 ng

RT: 17.19 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

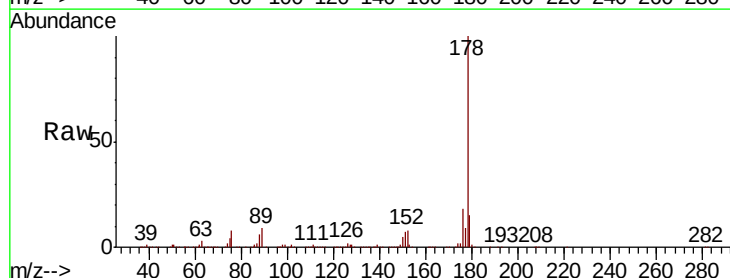
Tgt Ion:178 Resp: 4137144

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.5	21.7
179	15.4	12.2	18.2

178 100

176 17.9 14.5 21.7

179 15.4 12.2 18.2

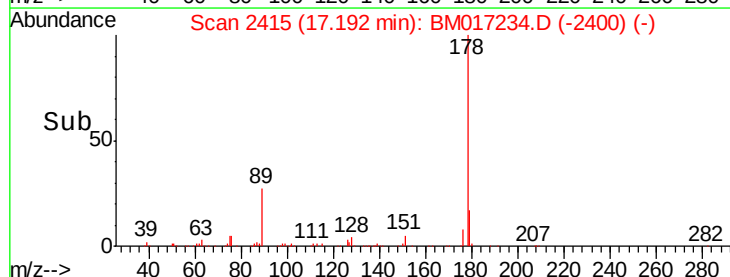
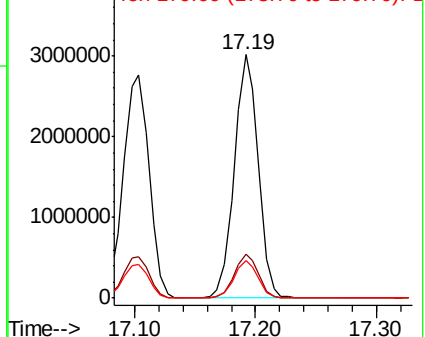


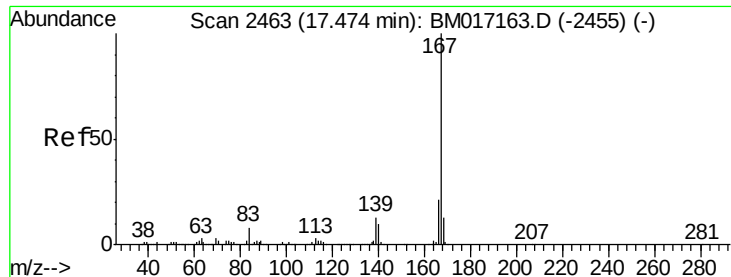
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



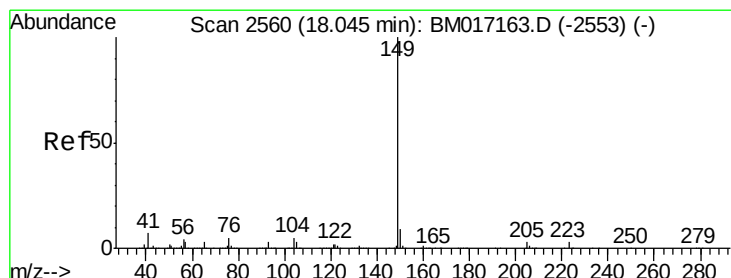
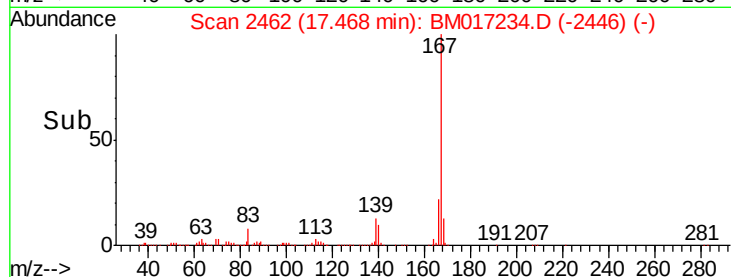
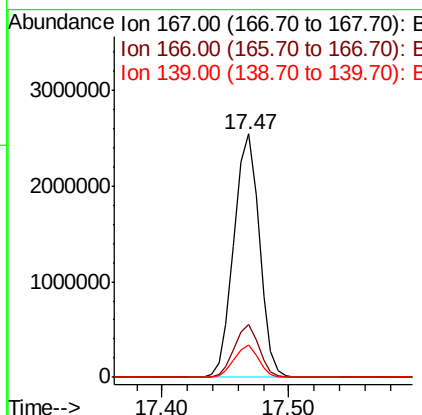
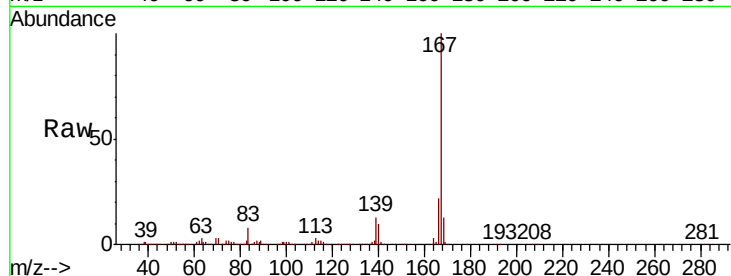


#73
 Carbazole
 Concen: 38.570 ng
 RT: 17.47 min Scan# 2462
 Delta R.T. -0.01 min
 Lab File: BM017234.D
 Acq: 19 Oct 2018 17:39

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 3545616

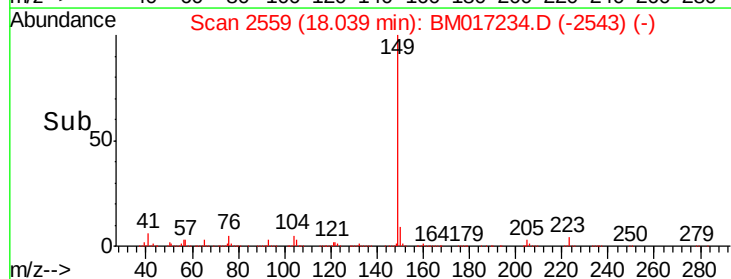
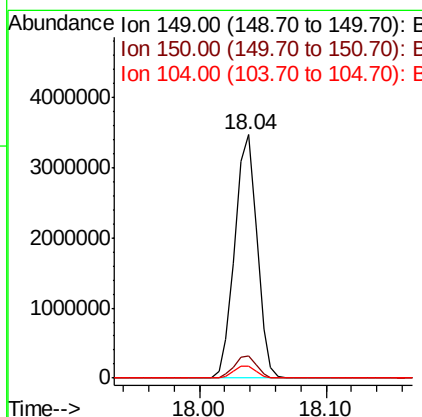
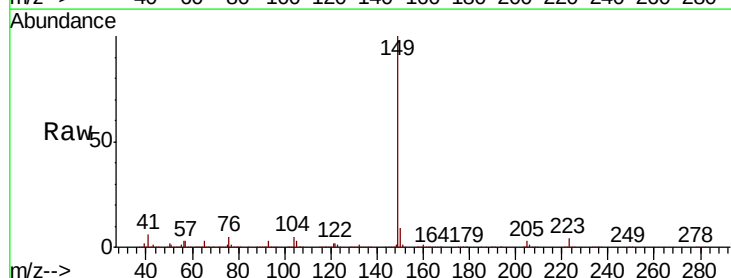
Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.1	25.7
139	13.1	10.1	15.1

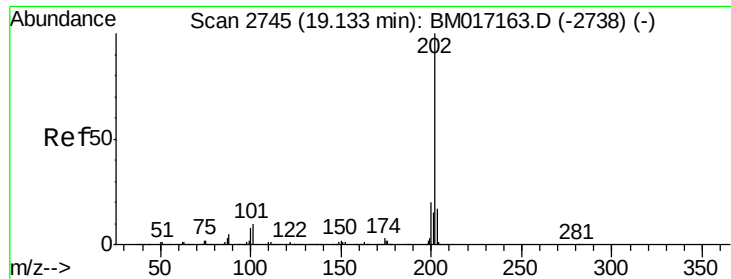


#74
 Di-n-butylphthalate
 Concen: 43.296 ng
 RT: 18.04 min Scan# 2559
 Delta R.T. -0.01 min
 Lab File: BM017234.D
 Acq: 19 Oct 2018 17:39

Tgt Ion:149 Resp: 4197826

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.0
104	5.0	4.3	6.5





#75

Fluoranthene

Concen: 40.277 ng

RT: 19.12 min Scan# 2743

Delta R.T. -0.01 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

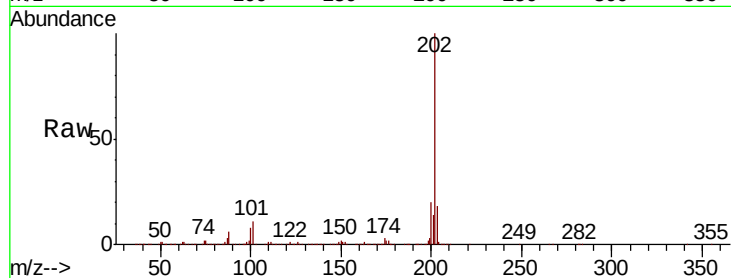
Instrument :

BNA_M

ClientSampleId :

Tot Ion:202 Resp: 4292450

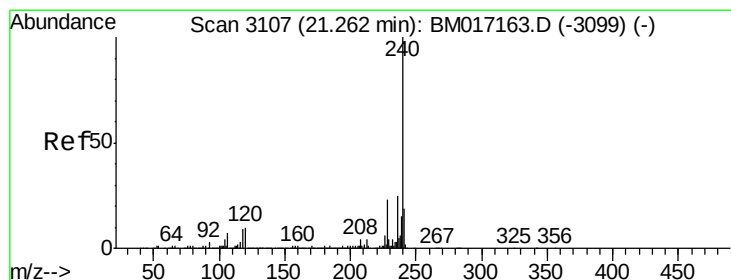
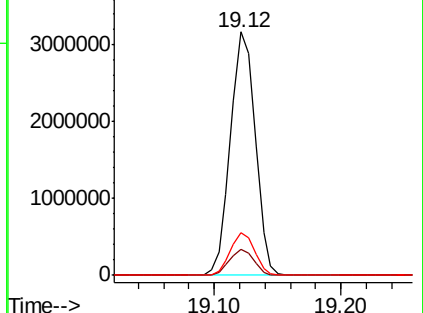
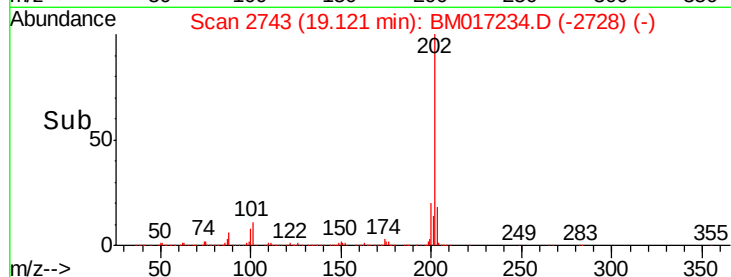
Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	30.0
203	17.5	0.0	37.2



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: 21.26 min Scan# 3106

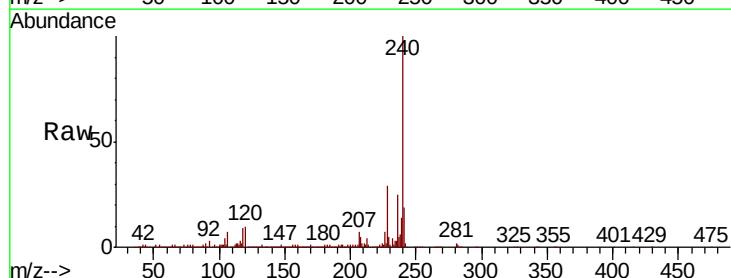
Delta R.T. -0.01 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

Tgt Ion:240 Resp: 1430348

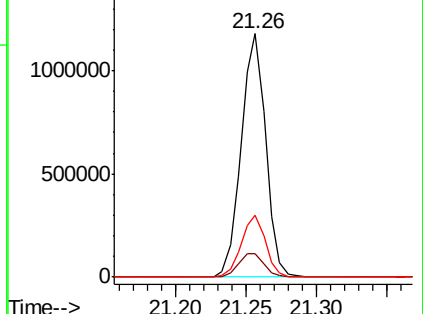
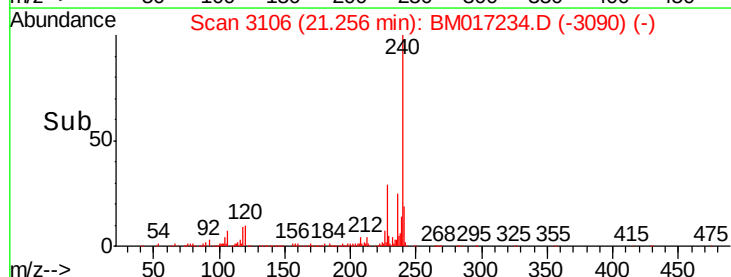
Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.1	12.1
236	25.2	19.9	29.9

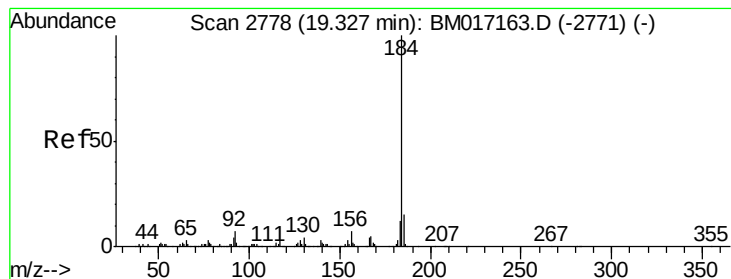


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 57.556 ng

RT: 19.32 min Scan# 2776

Delta R.T. -0.01 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

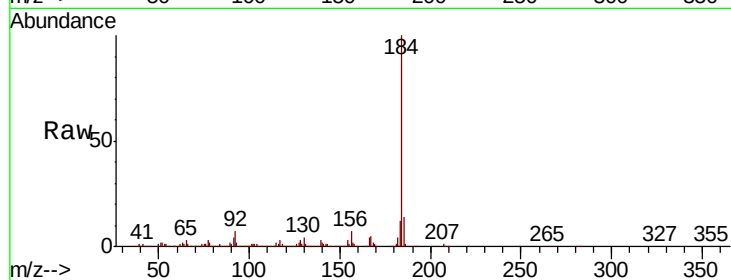
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 2087480

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

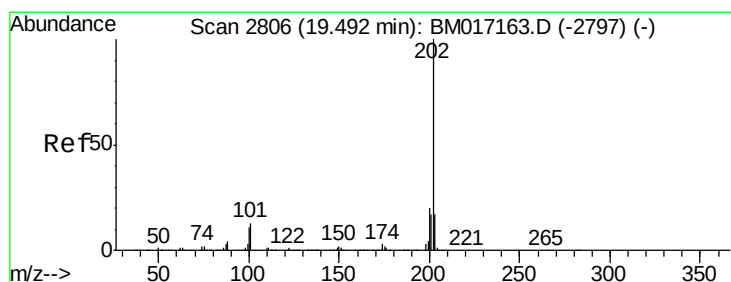
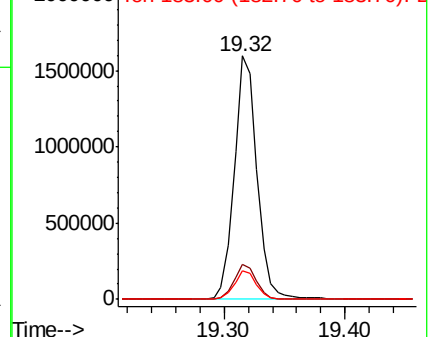
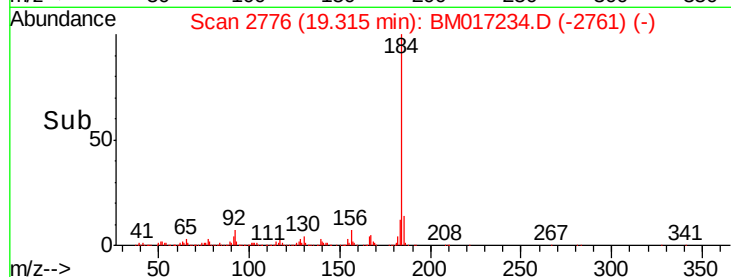


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 53.852 ng

RT: 19.49 min Scan# 2805

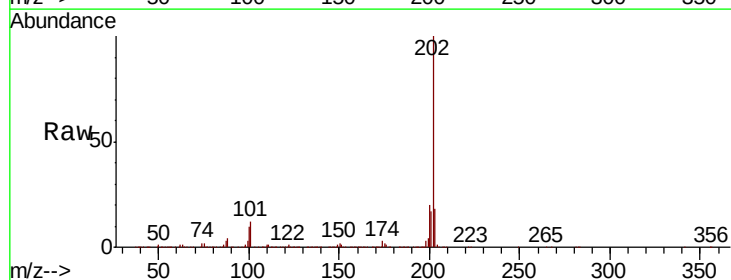
Delta R.T. -0.01 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

Tgt Ion:202 Resp: 4305042

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

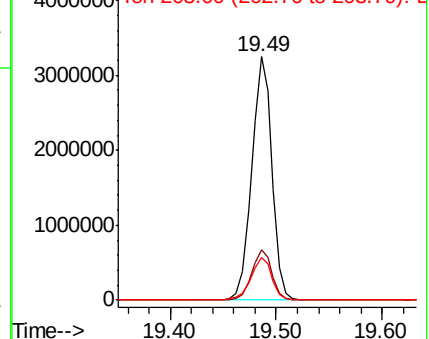
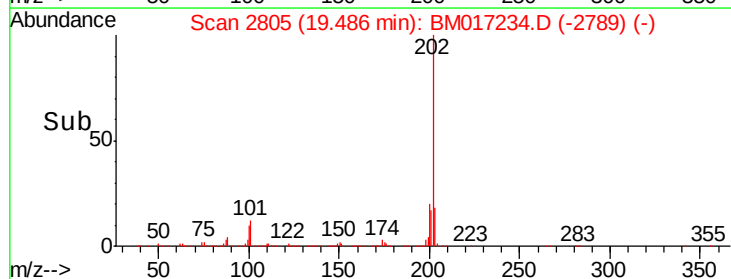


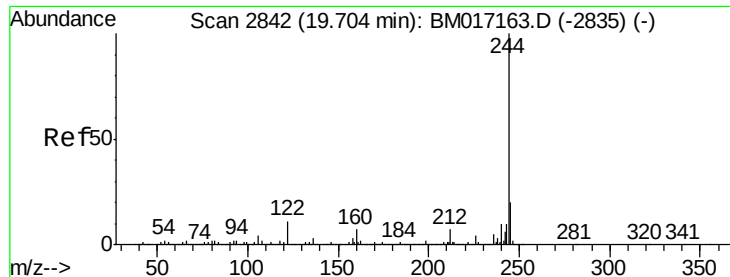
Abundance

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: 76.119 ng

RT: 19.70 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

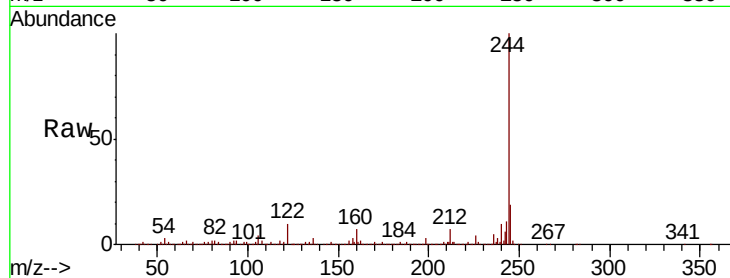
Instrument :

BNA_M

ClientSampleId :

Tot Ion:244 Resp: 4830385

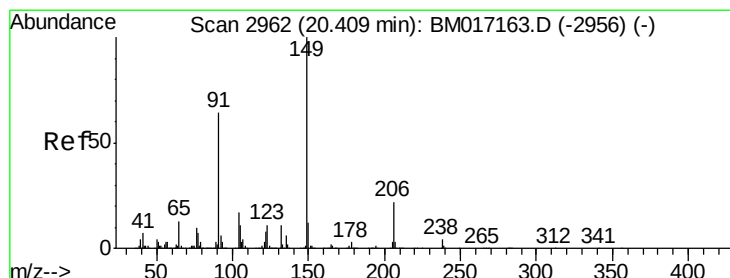
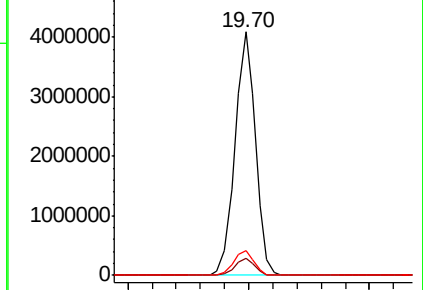
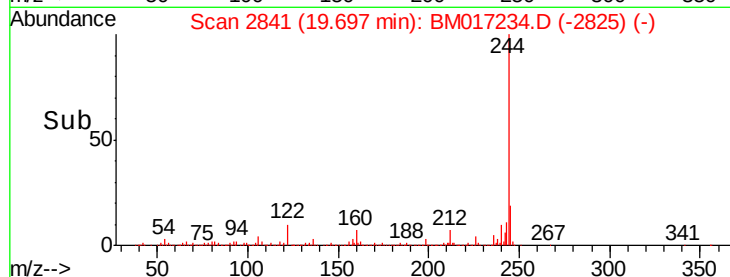
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.5	8.3
122	10.4	8.4	12.6



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: 51.464 ng

RT: 20.40 min Scan# 2961

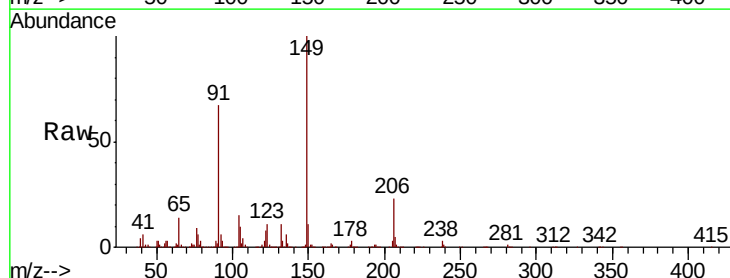
Delta R.T. -0.01 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

Tgt Ion:149 Resp: 1584085

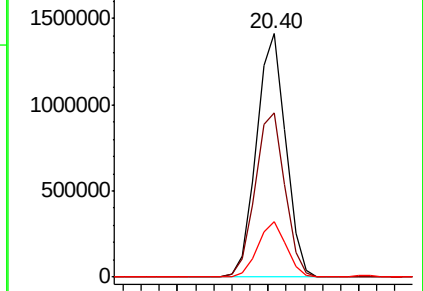
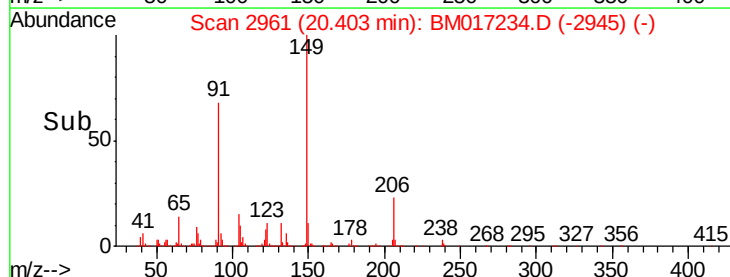
Ion	Ratio	Lower	Upper
149	100		
91	67.5	51.3	76.9
206	22.7	18.0	27.0

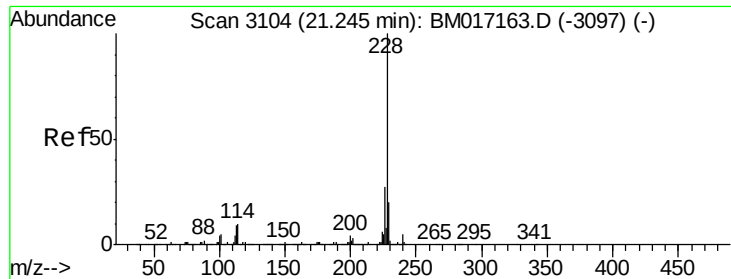


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.437 ng

RT: 21.24 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

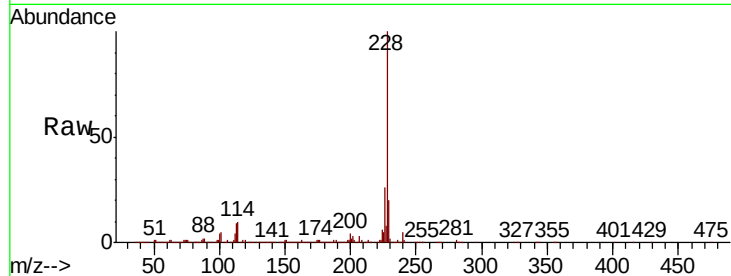
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 3657299

Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.4	32.0
229	19.8	15.9	23.9

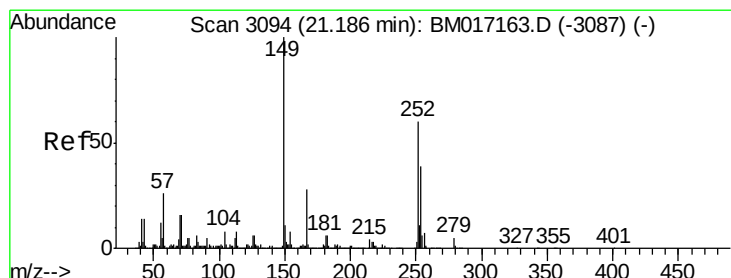
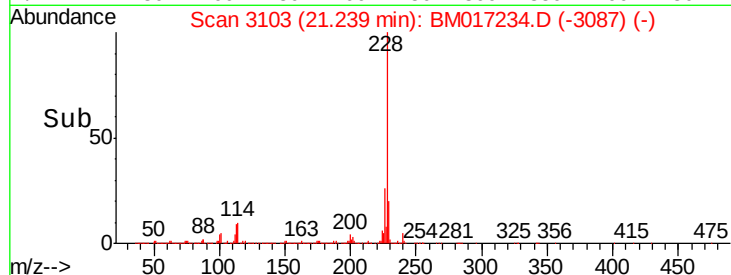
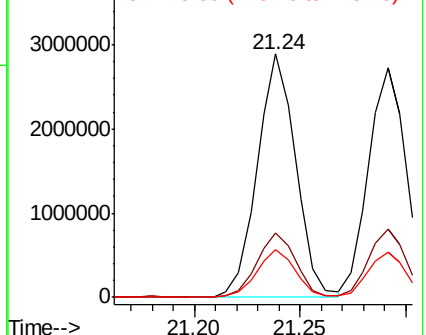


Abundance

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: 27.278 ng

RT: 21.18 min Scan# 3093

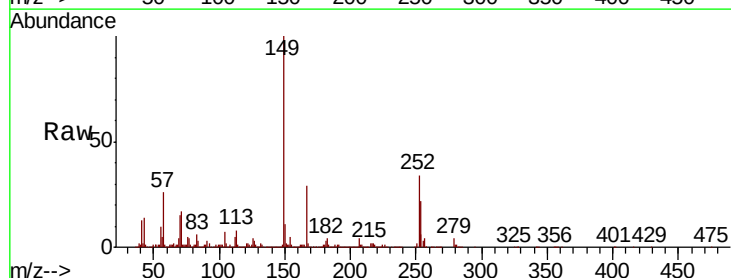
Delta R.T. -0.01 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

Tgt Ion:252 Resp: 818327

Ion	Ratio	Lower	Upper
252	100		
254	64.7	52.1	78.1
126	10.7	8.6	12.8

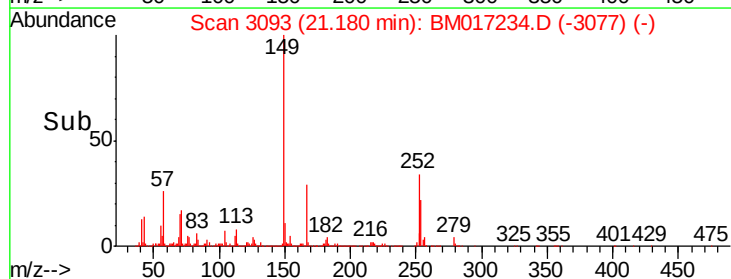
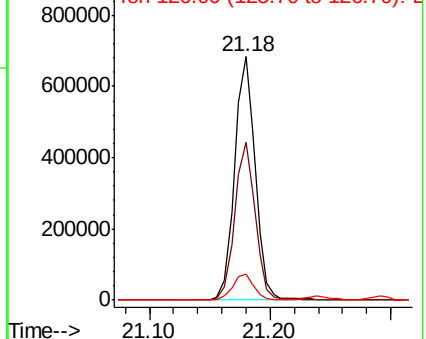


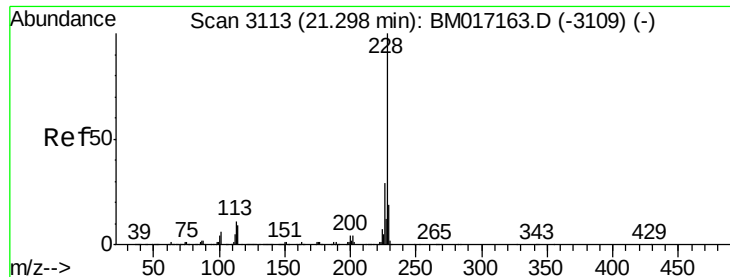
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.770 ng

RT: 21.29 min Scan# 3112

Delta R.T. -0.01 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

Instrument :

BNA_M

ClientSampleId :

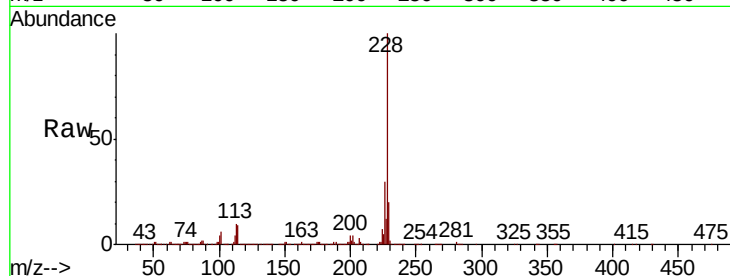
Tot Ion:228 Resp: 3407528

Ion Ratio Lower Upper

228 100

226 29.6 23.3 34.9

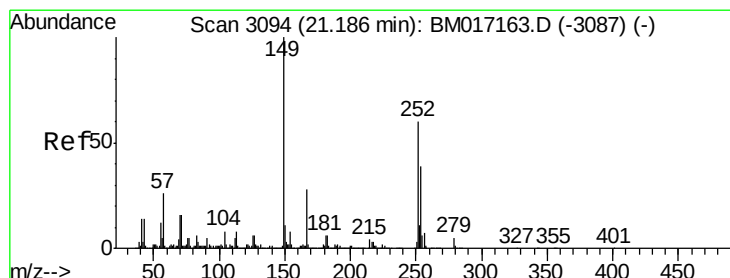
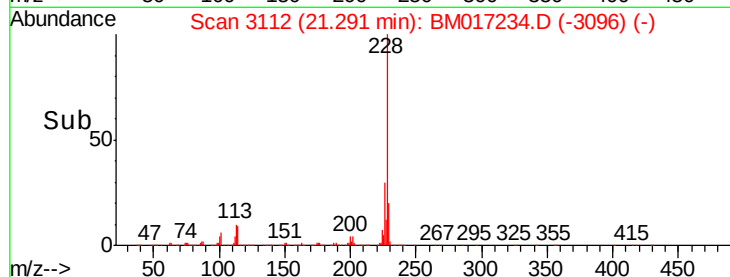
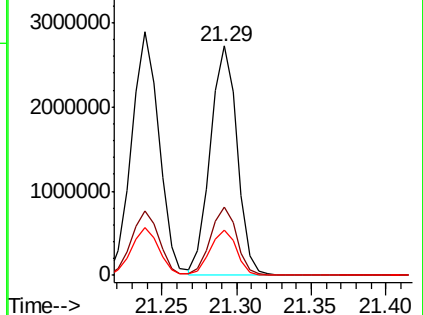
229 19.9 15.6 23.4



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: 46.372 ng

RT: 21.18 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

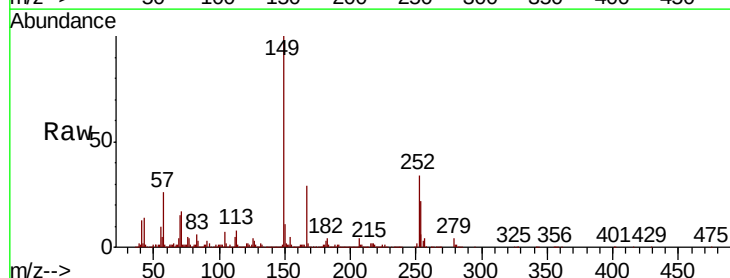
Tgt Ion:149 Resp: 2148921

Ion Ratio Lower Upper

149 100

167 28.6 22.2 33.4

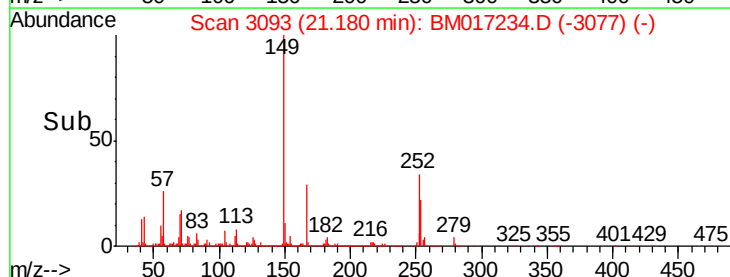
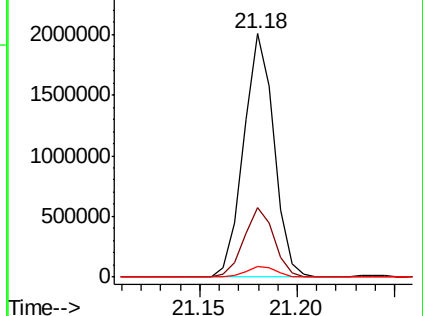
279 4.4 3.6 5.4

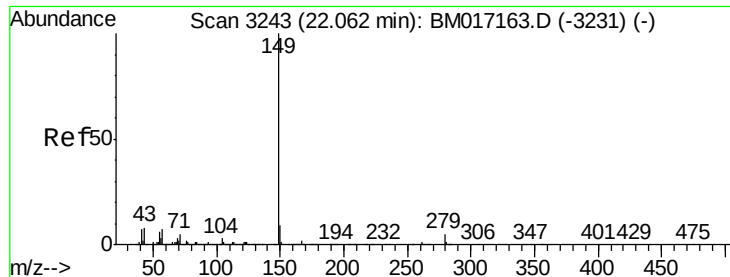


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.759 ng

RT: 22.06 min Scan# 3242

Delta R.T. -0.01 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

Instrument :

BNA_M

ClientSampleId :

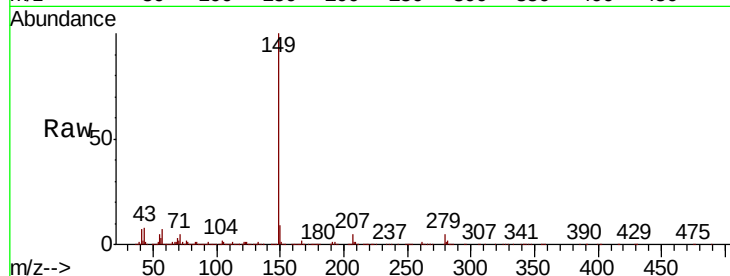
Tot Ion:149 Resp: 3228115

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

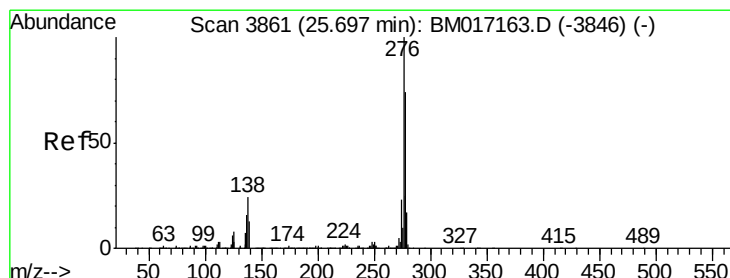
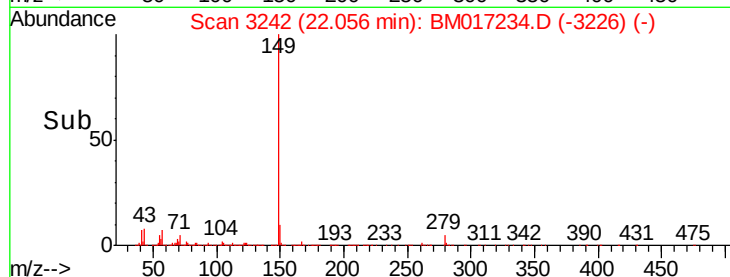
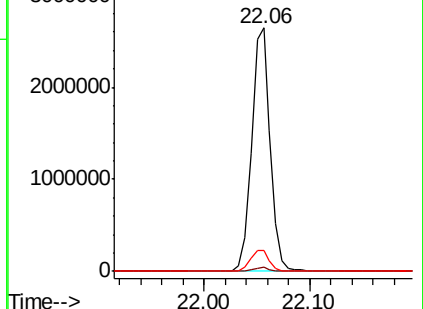
43 8.9 7.2 10.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 32.548 ng

RT: 25.68 min Scan# 3858

Delta R.T. -0.02 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

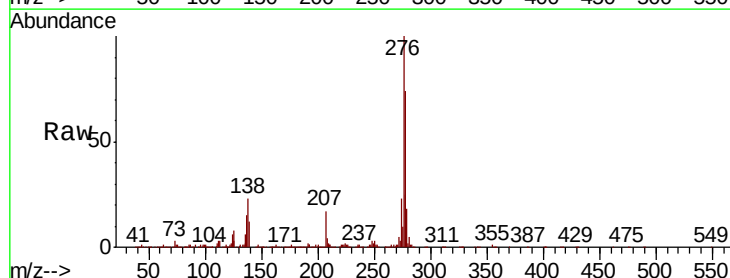
Tgt Ion:276 Resp: 2900391

Ion Ratio Lower Upper

276 100

138 23.1 19.5 29.3

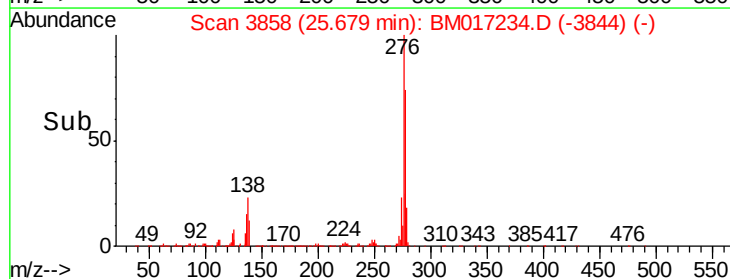
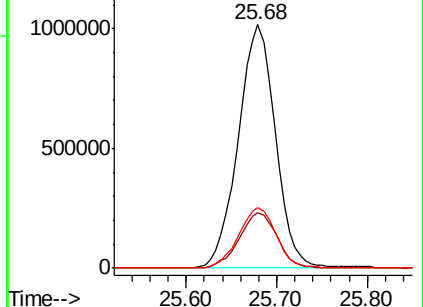
277 25.3 20.1 30.1

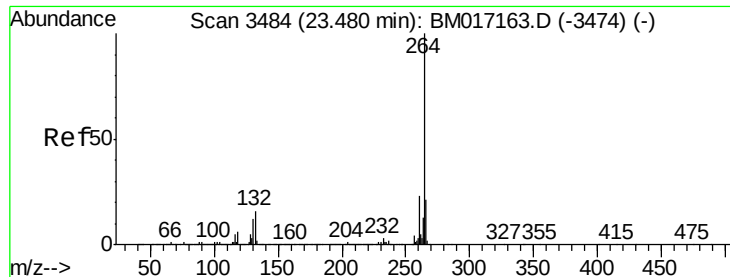


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



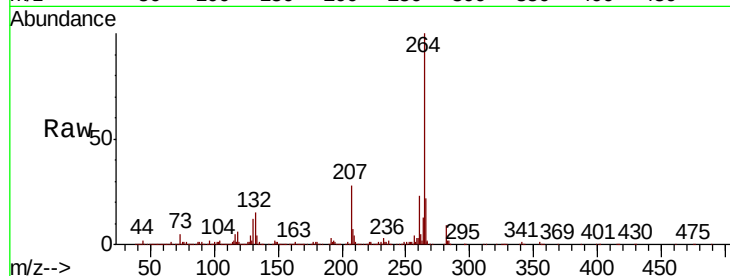


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.47 min Scan# 3482
Delta R.T. -0.01 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

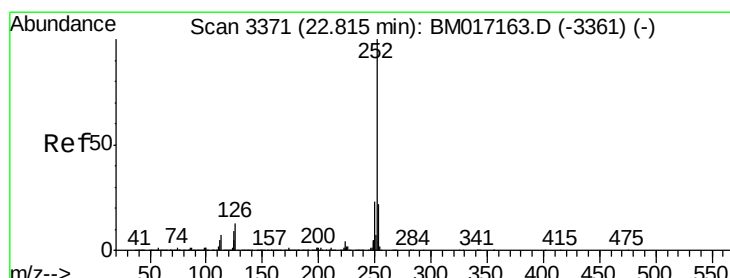
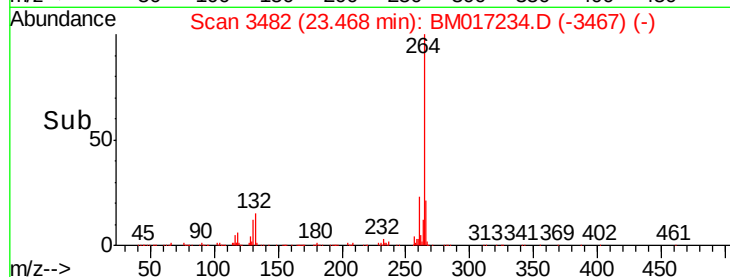
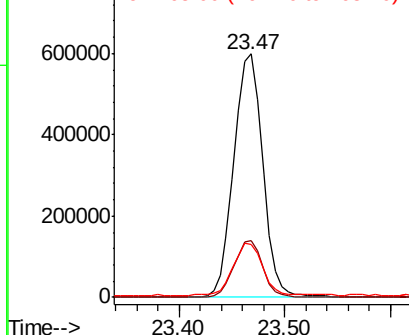
Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 1143648

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	21.7	17.8	26.8



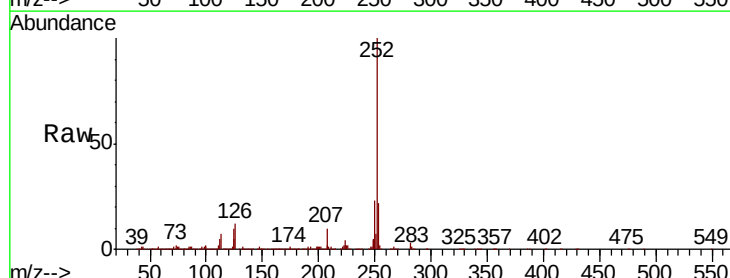
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



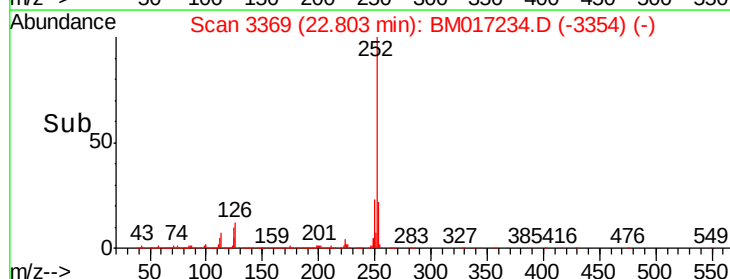
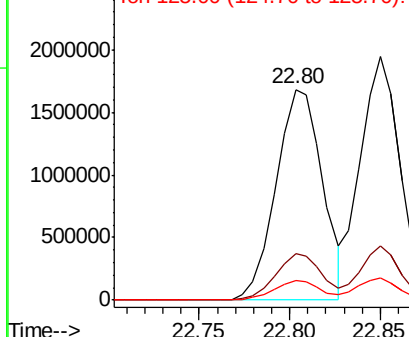
#88
Benzo(b)fluoranthene
Concen: 48.097 ng
RT: 22.80 min Scan# 3369
Delta R.T. -0.01 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

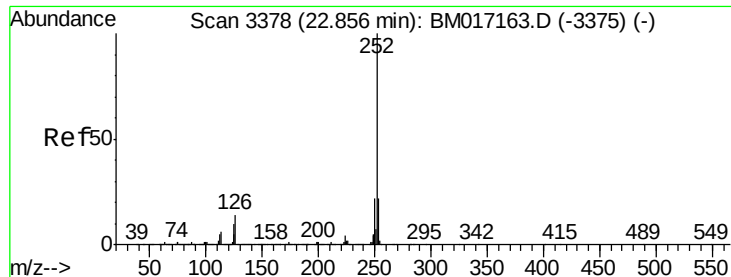
Tgt Ion:252 Resp: 3007348

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	9.6	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: 47.343 ng

RT: 22.85 min Scan# 3377

Delta R.T. -0.01 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

Instrument :

BNA_M

ClientSampleId :

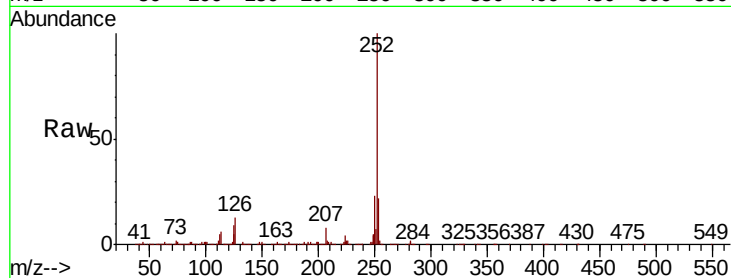
Tot Ion:252 Resp: 2970402

Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

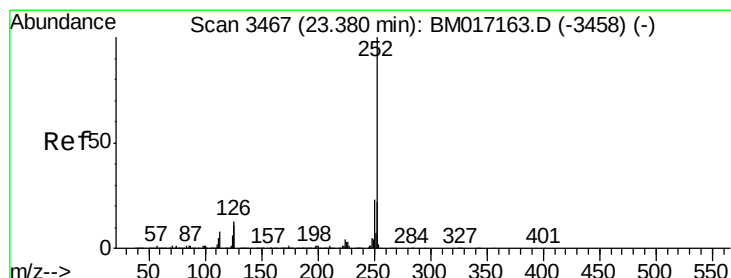
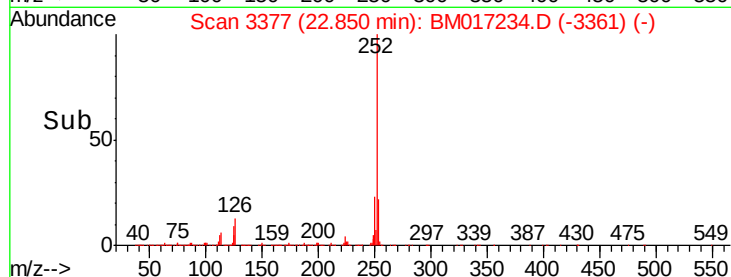
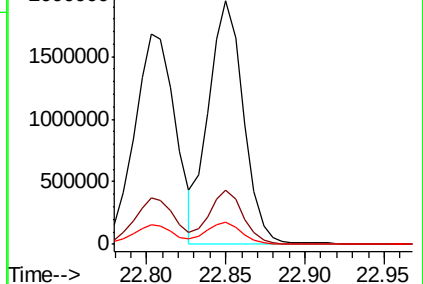
125 9.1 8.2 12.2



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: 46.442 ng

RT: 23.37 min Scan# 3465

Delta R.T. -0.01 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

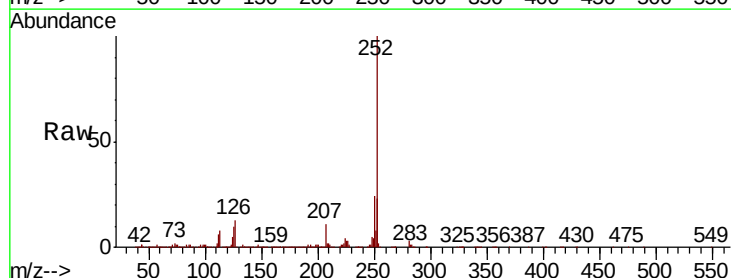
Tgt Ion:252 Resp: 2757180

Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.0

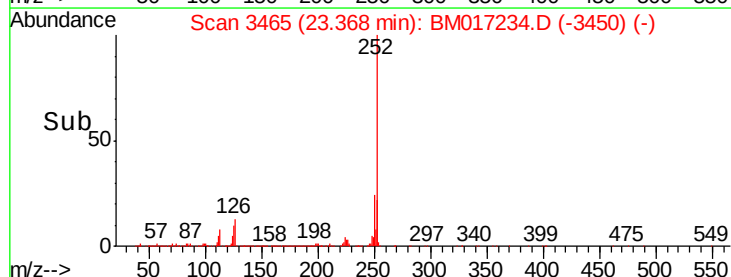
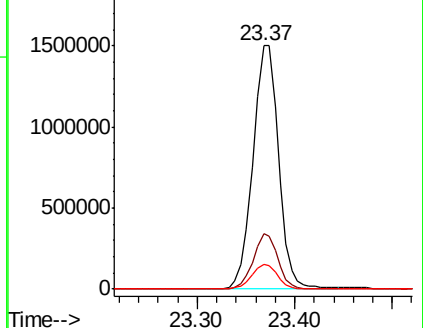
125 10.3 8.6 13.0

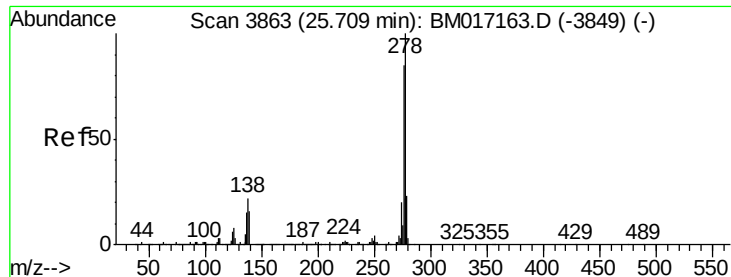


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 41.529 ng

RT: 25.69 min Scan# 3860

Delta R.T. -0.02 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

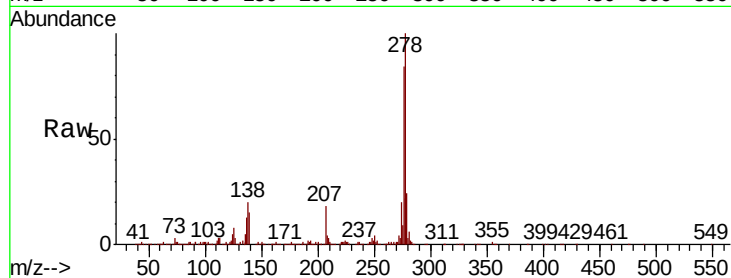
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 2448115

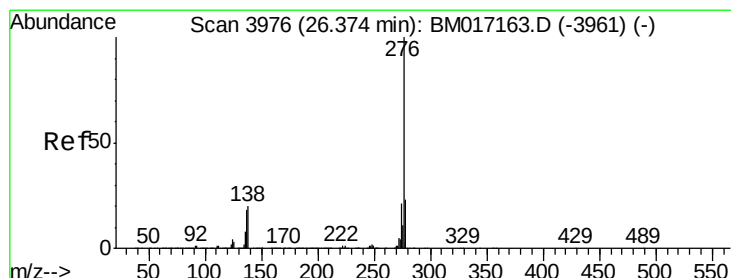
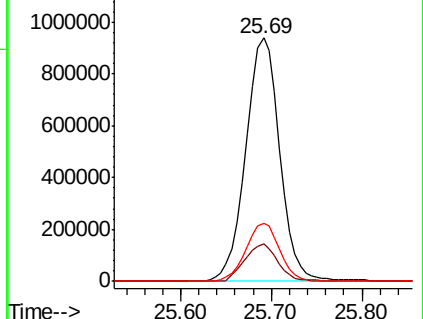
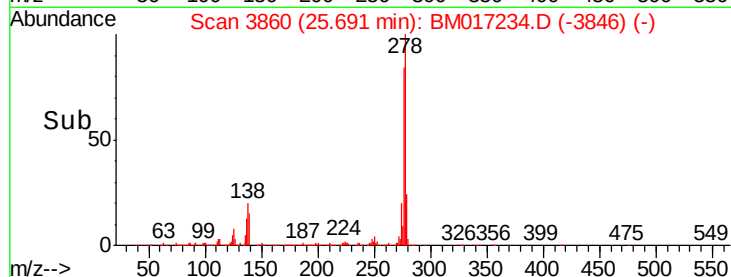
Ion	Ratio	Lower	Upper
278	100		
139	15.2	12.7	19.1
279	23.8	18.7	28.1



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: 40.874 ng

RT: 26.36 min Scan# 3973

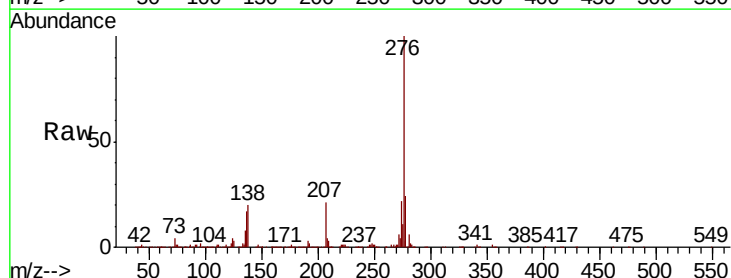
Delta R.T. -0.02 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

Tgt Ion:276 Resp: 2388118

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.6	28.0
138	19.5	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

