

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101918\
 Data File : BM017248.D
 Acq On : 20 Oct 2018 03:36
 Operator : MJ/SJ
 Sample : PB113966BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 20 05:56:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	363710	20.00	ng	-0.01
21) Naphthalene-d8	10.44	136	1611046	20.00	ng	-0.01
39) Acenaphthene-d10	14.31	164	921379	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1918845	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	1603505	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1269413	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	3391540	157.71	ng	0.00
7) Phenol-d6	6.86	99	4542300	155.09	ng	0.00
23) Nitrobenzene-d5	8.82	82	2249499	81.66	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	1755900	140.92	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	5352576	77.30	ng	-0.01
79) Terphenyl-d14	19.70	244	6285985	88.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.26	88	311148	28.335	ng	# 87
3) Pyridine	3.65	79	915544	36.236	ng	# 86
4) n-Nitrosodimethylamine	3.56	42	426641	42.063	ng	# 73
6) Aniline	7.01	93	1468287	40.081	ng	98
8) 2-Chlorophenol	7.24	128	1151097	46.270	ng	98
9) Benzaldehyde	6.82	77	588101	31.493	ng	96
10) Phenol	6.88	94	1416660	44.944	ng	99
11) bis(2-Chloroethyl)ether	7.11	93	994549	39.581	ng	99
12) 1,3-Dichlorobenzene	7.55	146	1151165	39.694	ng	95
13) 1,4-Dichlorobenzene	7.70	146	1178225	39.765	ng	97
14) 1,2-Dichlorobenzene	8.02	146	1132696	39.678	ng	99
15) Benzyl Alcohol	7.91	79	999503	46.689	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.20	45	1355485	38.613	ng	100
17) 2-Methylphenol	8.11	107	954257	47.166	ng	98
18) Hexachloroethane	8.73	117	424903	41.904	ng	95
19) n-Nitroso-di-n-propylamine	8.47	70	820412	42.542	ng	99
20) 3+4-Methylphenols	8.44	107	1297676	46.896	ng	98
22) Acetophenone	8.49	105	1620989	39.693	ng	# 99
24) Nitrobenzene	8.86	77	1212697	41.620	ng	95
25) Isophorone	9.39	82	2183865	48.011	ng	98
26) 2-Nitrophenol	9.56	139	606684	44.906	ng	97
27) 2,4-Dimethylphenol	9.63	122	1070055	53.202	ng	98
28) bis(2-Chloroethoxy)methane	9.87	93	1407989	43.979	ng	99
29) 2,4-Dichlorophenol	10.09	162	1098138	47.024	ng	99
30) 1,2,4-Trichlorobenzene	10.30	180	1110548	39.642	ng	100
31) Naphthalene	10.49	128	3381613	42.832	ng	99
32) Benzoic acid	9.80	122	703284	46.863	ng	97
33) 4-Chloroaniline	10.61	127	714664	20.959	ng	98
34) Hexachlorobutadiene	10.77	225	679904	38.304	ng	98
35) Caprolactam	11.41	113	100002	11.750	ng	95
36) 4-Chloro-3-methylphenol	11.74	107	1160599	44.090	ng	97
37) 2-Methylnaphthalene	12.11	142	2541476	47.041	ng	99
38) 1-Methylnaphthalene	12.33	142	2382839	45.316	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	1300843	40.090	ng	# 99

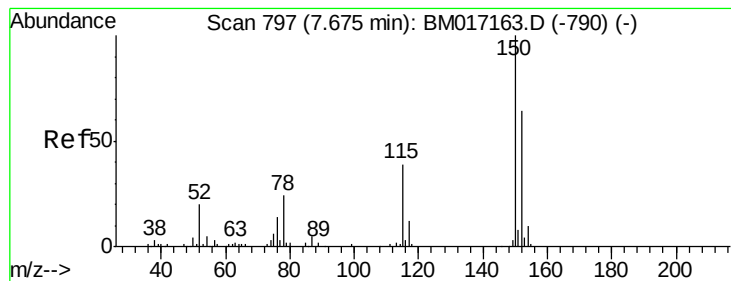
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101918\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	1916574	122.181	ng	100
43) 2,4,6-Trichlorophenol	12.73	196	874027	46.402	ng	99
44) 2,4,5-Trichlorophenol	12.80	196	930972	46.091	ng	97
46) 1,1'-Biphenyl	13.13	154	3208651	38.698	ng	99
47) 2-Chloronaphthalene	13.17	162	2480229	40.661	ng	99
48) 2-Nitroaniline	13.39	65	703232	41.660	ng	94
49) Acenaphthylene	14.03	152	3995533	45.190	ng	99
50) Dimethylphthalate	13.78	163	2972601	41.818	ng	100
51) 2,6-Dinitrotoluene	13.89	165	663880	42.433	ng	96
52) Acenaphthene	14.37	154	2327226	41.921	ng	98
53) 3-Nitroaniline	14.23	138	442178	26.095	ng	96
54) 2,4-Dinitrophenol	14.43	184	740677	80.625	ng	99
55) Dibenzofuran	14.71	168	3678106	39.842	ng	99
56) 4-Nitrophenol	14.55	139	1529704	97.929	ng	97
57) 2,4-Dinitrotoluene	14.69	165	905816	43.076	ng	98
58) Fluorene	15.36	166	2932934	42.922	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	828960	45.024	ng	99
60) Diethylphthalate	15.15	149	2954519	41.910	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	1506853	38.681	ng	99
62) 4-Nitroaniline	15.40	138	650030	35.724	ng	98
63) Azobenzene	15.66	77	2814666	41.078	ng	99
65) 4,6-Dinitro-2-methylphenol	15.45	198	507278	42.165	ng	97
66) n-Nitrosodiphenylamine	15.58	169	2563199	44.152	ng	100
67) 4-Bromophenyl-phenylether	16.26	248	941673	44.695	ng	98
68) Hexachlorobenzene	16.36	284	1017135	41.560	ng	99
69) Atrazine	16.54	200	890525	42.859	ng	99
70) Pentachlorophenol	16.71	266	1189371	70.942	ng	99
71) Phenanthrene	17.10	178	4387487	42.380	ng	100
72) Anthracene	17.19	178	4484107	45.584	ng	100
73) Carbazole	17.47	167	3850339	38.317	ng	99
74) Di-n-butylphthalate	18.03	149	4575635	43.173	ng	100
75) Fluoranthene	19.12	202	4658610	39.989	ng	99
77) Benzidine	19.32	184	2316780	56.980	ng	98
78) Pyrene	19.49	202	4660893	52.007	ng	100
80) Butylbenzylphthalate	20.40	149	1786055	51.718	ng	97
81) Benzo(a)anthracene	21.23	228	4001569	44.346	ng	100
82) 3,3'-Dichlorobenzidine	21.17	252	895907	26.639	ng	100
83) Chrysene	21.29	228	3749590	41.982	ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	2436687	46.843	ng	100
85) Di-n-octyl phthalate	22.05	149	3695428	42.524	ng	100
86) Indeno(1,2,3-cd)pyrene	25.67	276	3291517	32.949	ng	98
88) Benzo(b)fluoranthene	22.80	252	3268218	47.090	ng	100
89) Benzo(k)fluoranthene	22.84	252	3253554	46.719	ng	99
90) Benzo(a)pyrene	23.37	252	3031431	46.003	ng	100
91) Dibenzo(a,h)anthracene	25.69	278	2779953	42.486	ng	100
92) Benzo(g,h,i)perylene	26.35	276	2760024	42.559	ng	99

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

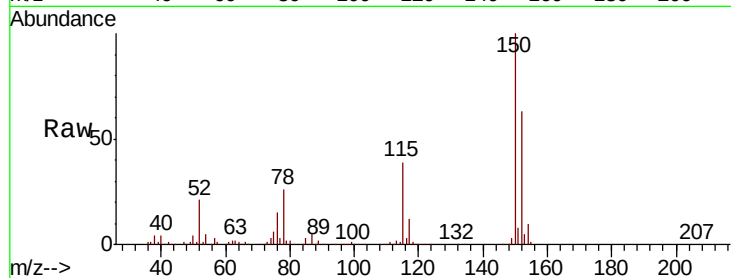


#1

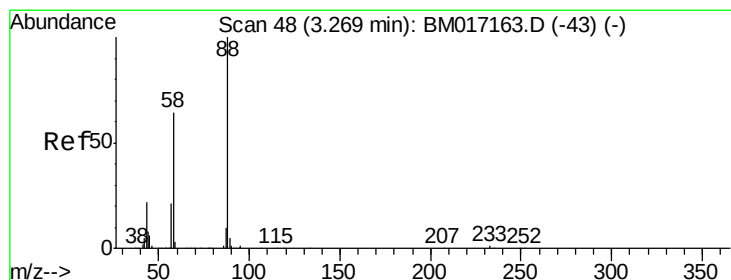
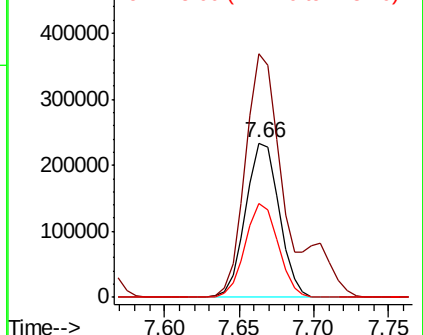
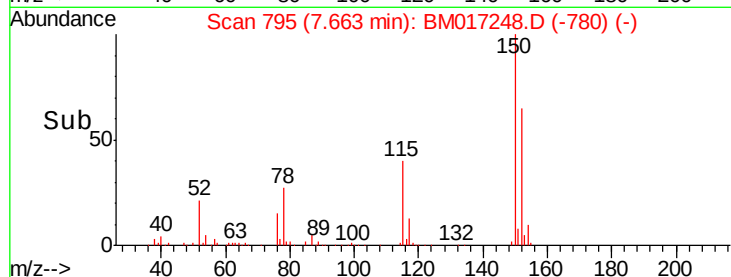
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 795
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 363710
Ion Ratio Lower Upper
152 100
150 158.0 124.3 186.5
115 61.1 48.1 72.1



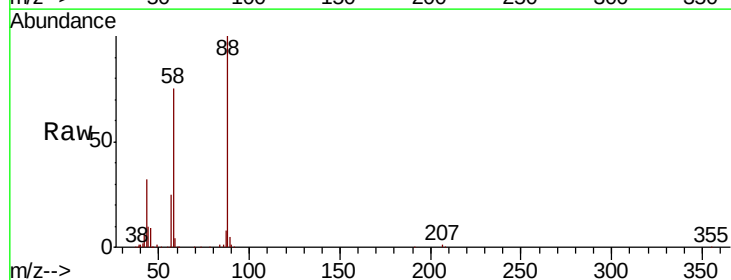
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



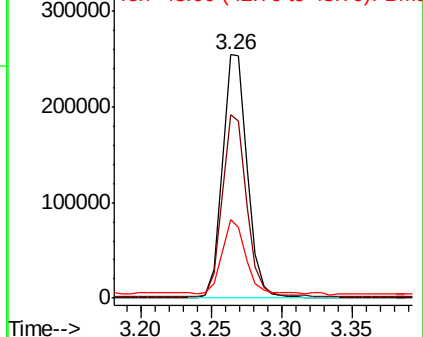
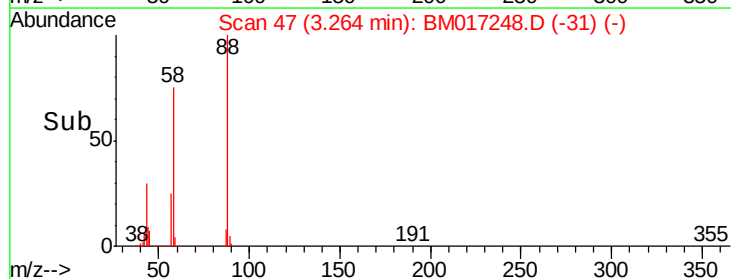
#2

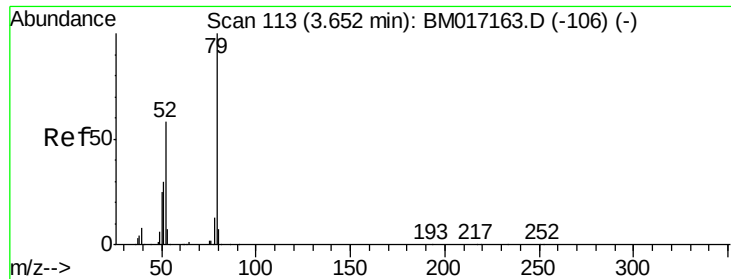
1,4-Dioxane
Concen: 28.335 ng
RT: 3.26 min Scan# 47
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Tgt Ion: 88 Resp: 311148
Ion Ratio Lower Upper
88 100
58 73.6 50.2 75.4
43 30.1 19.3 28.9#



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





#3

Pvridine

Concen: 36.236 ng

RT: 3.65 min Scan# 112

Delta R.T. -0.01 min

Lab File: BM017248.D

Acq: 20 Oct 2018 03:36

Instrument :

BNA_M

ClientSampleId :

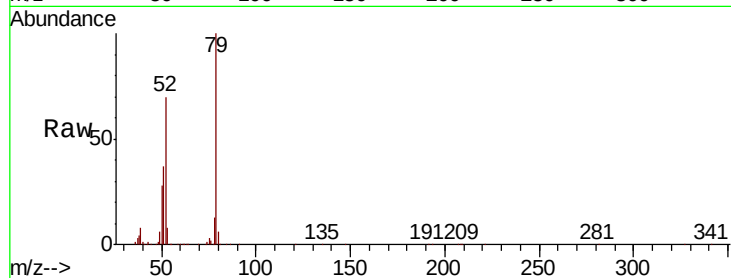
Tot Ion: 79 Resp: 915544

Ion Ratio Lower Upper

79 100

52 70.3 46.5 69.7#

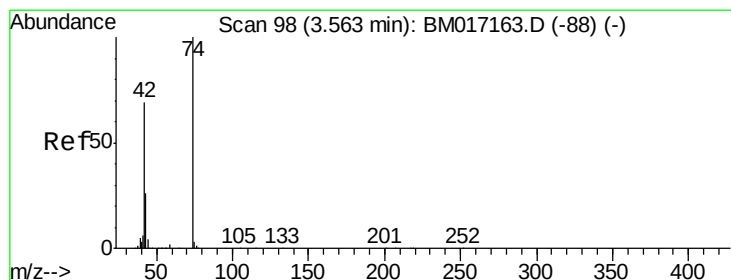
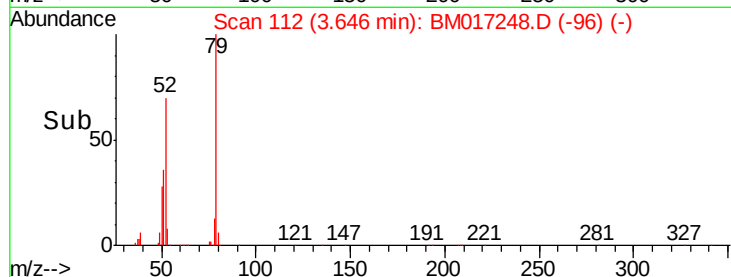
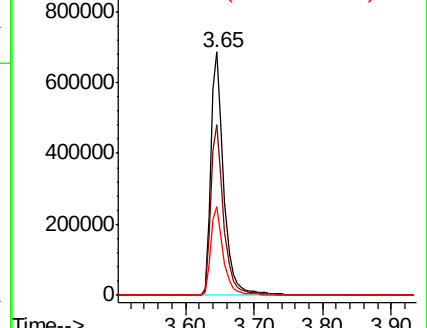
51 36.6 24.6 37.0



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

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

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



#4

n-Nitrosodimethylamine

Concen: 42.063 ng

RT: 3.56 min Scan# 98

Delta R.T. 0.00 min

Lab File: BM017248.D

Acq: 20 Oct 2018 03:36

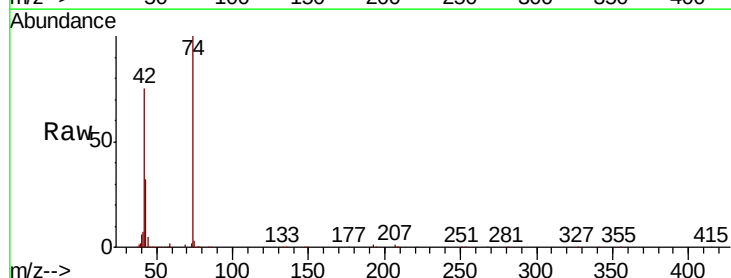
Tgt Ion: 42 Resp: 426641

Ion Ratio Lower Upper

42 100

74 132.6 114.4 171.6

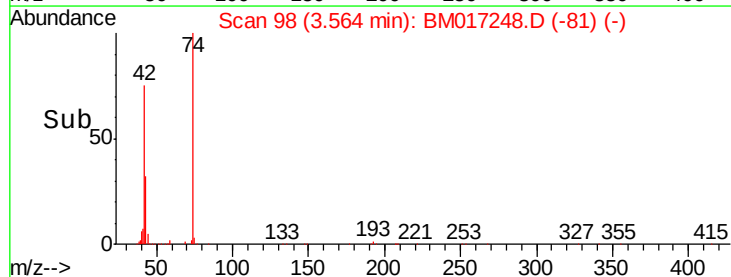
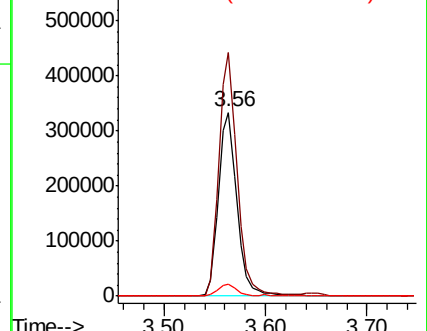
44 6.6 48.6 73.0#

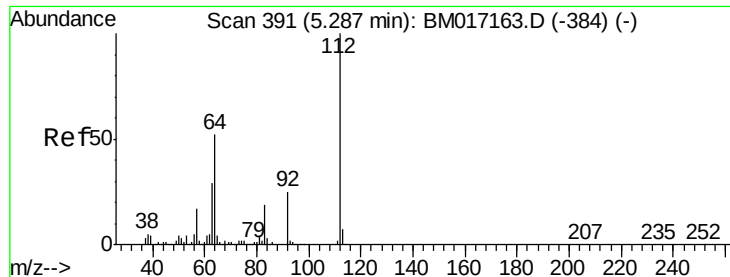


Abundance Ion 42.00 (41.70 to 42.70): BM017163.D (-88) (-)

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

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





#5

2-Fluorophenol

Concen: 157.714 ng

RT: 5.28 min Scan# 390

Delta R.T. -0.00 min

Lab File: BM017248.D

Acq: 20 Oct 2018 03:36

Instrument :

BNA_M

ClientSampleId :

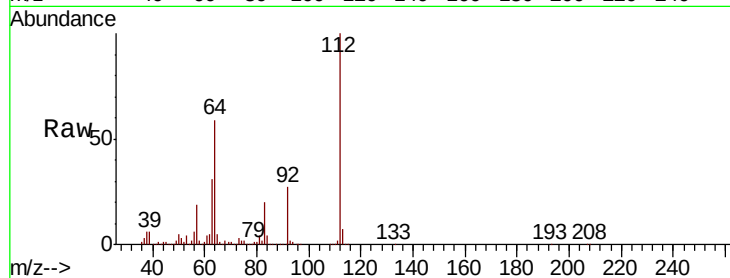
Tot Ion:112 Resp: 3391540

Ion Ratio Lower Upper

112 100

64 58.6 41.7 62.5

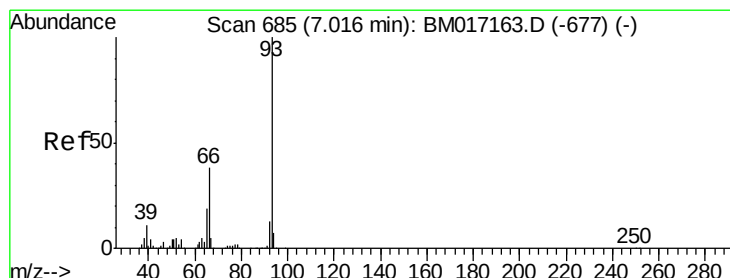
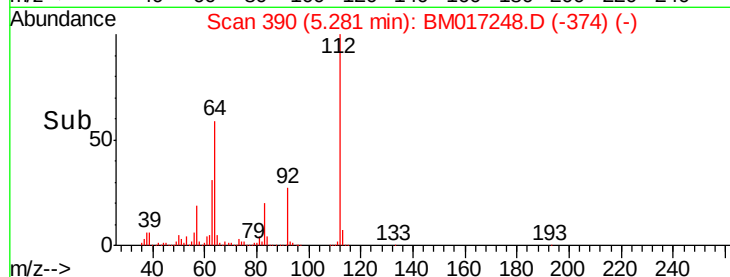
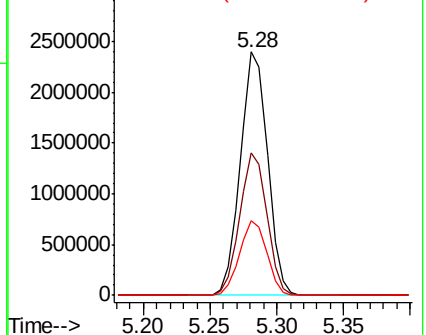
63 30.7 23.0 34.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 40.081 ng

RT: 7.01 min Scan# 684

Delta R.T. -0.01 min

Lab File: BM017248.D

Acq: 20 Oct 2018 03:36

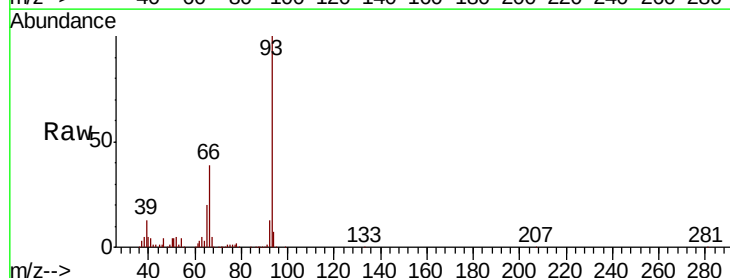
Tgt Ion: 93 Resp: 1468287

Ion Ratio Lower Upper

93 100

66 39.3 30.4 45.6

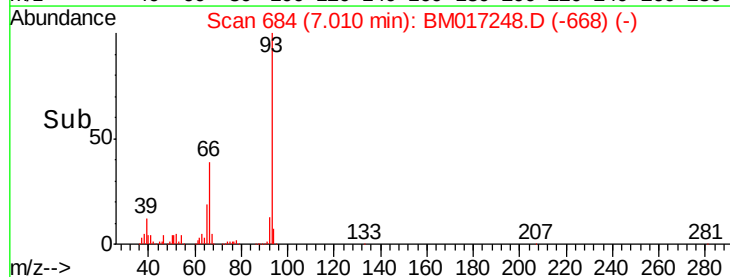
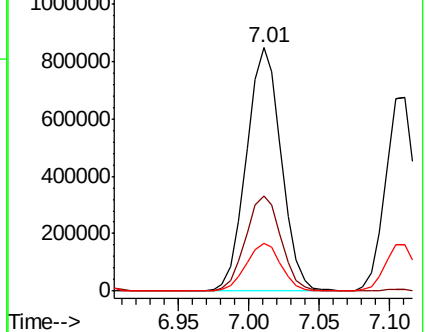
65 19.6 15.3 22.9

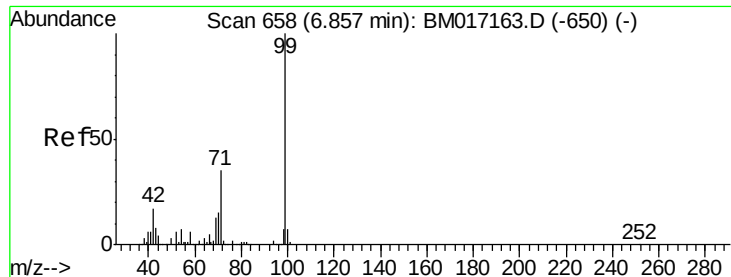


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 155.093 ng

RT: 6.86 min Scan# 658

Delta R.T. 0.00 min

Lab File: BM017248.D

Acq: 20 Oct 2018 03:36

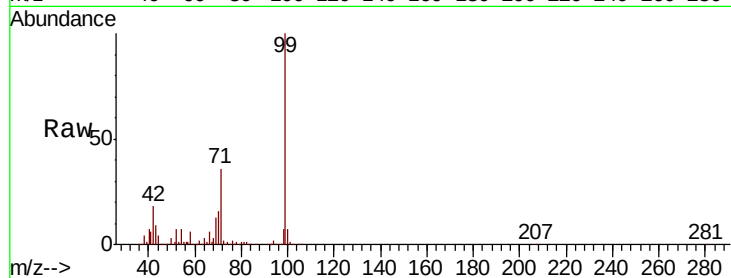
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 4542300

Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.3	19.9
71	35.7	28.0	42.0

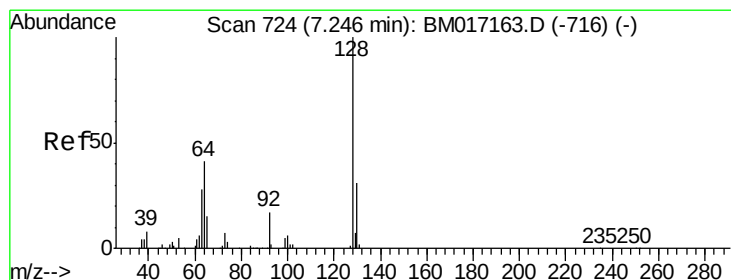
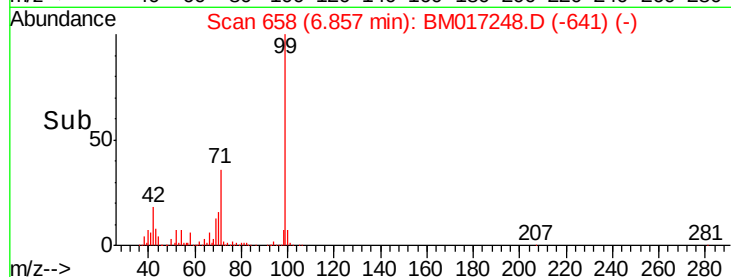
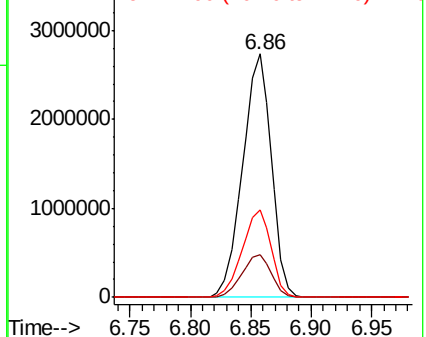


Abundance

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: 46.270 ng

RT: 7.24 min Scan# 723

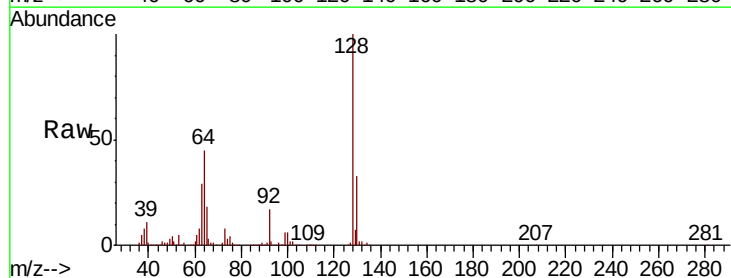
Delta R.T. -0.01 min

Lab File: BM017248.D

Acq: 20 Oct 2018 03:36

Tgt Ion: 128 Resp: 1151097

Ion	Ratio	Lower	Upper
128	100		
130	32.7	11.0	51.0
64	45.3	24.1	64.1

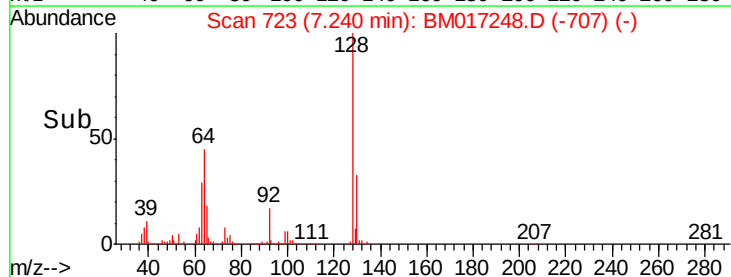
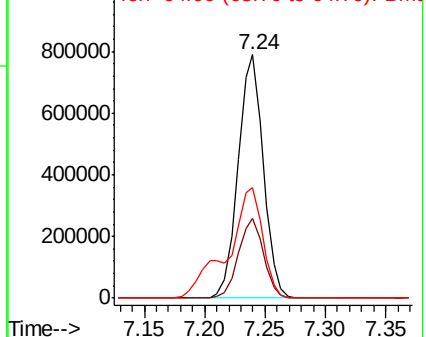


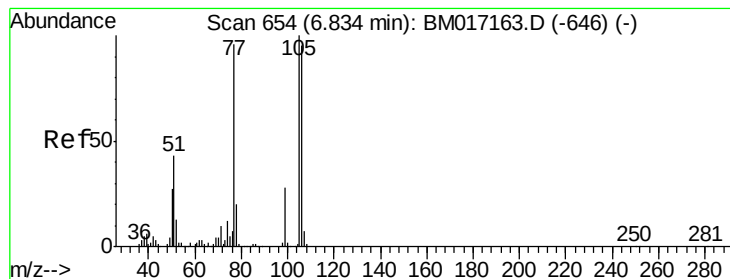
Abundance

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: 31.493 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM017248.D

Acq: 20 Oct 2018 03:36

Instrument :

BNA_M

ClientSampled :

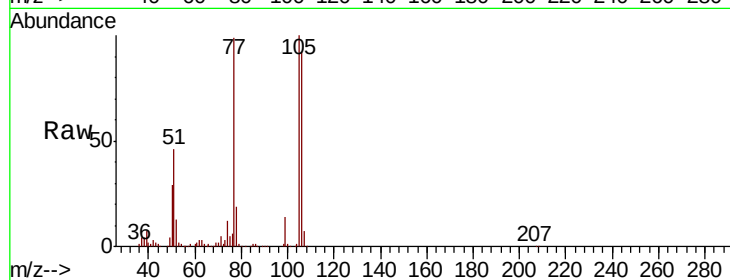
Tot Ion: 77 Resp: 588101

Ion Ratio Lower Upper

77 100

105 100.6 83.9 123.9

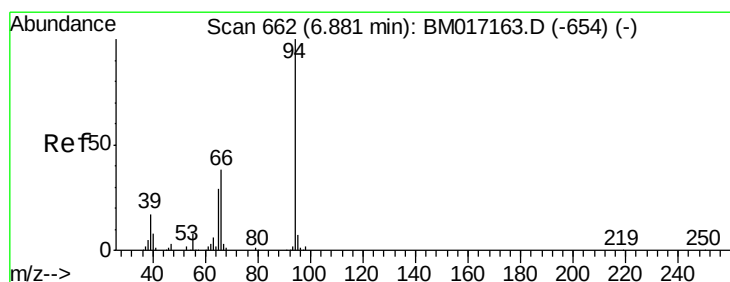
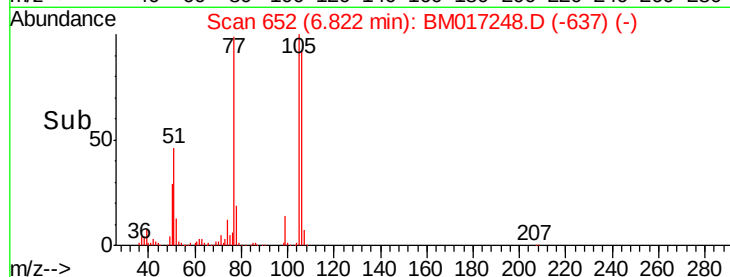
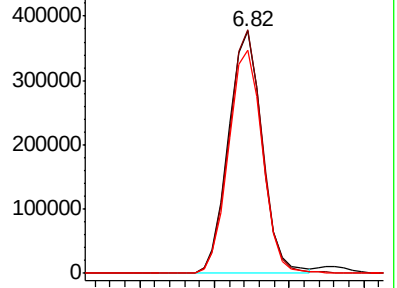
106 92.5 78.2 118.2



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

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

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



#10

Phenol

Concen: 44.944 ng

RT: 6.88 min Scan# 662

Delta R.T. 0.00 min

Lab File: BM017248.D

Acq: 20 Oct 2018 03:36

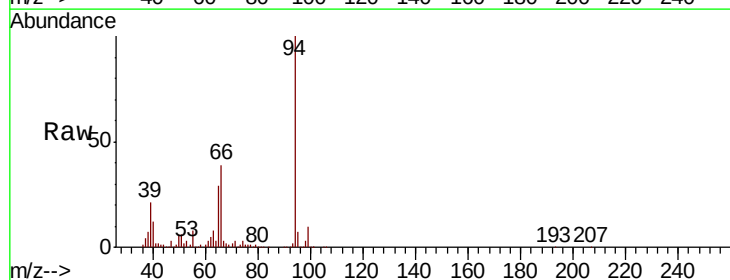
Tgt Ion: 94 Resp: 1416660

Ion Ratio Lower Upper

94 100

65 28.7 9.4 49.4

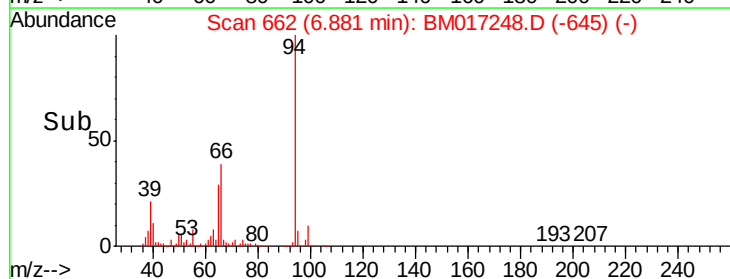
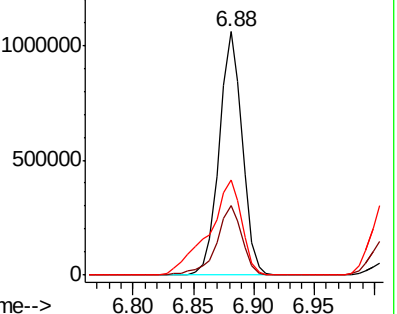
66 39.1 19.0 59.0

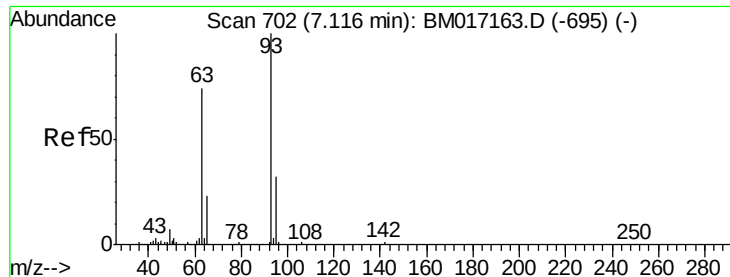


Abundance Ion 94.00 (93.70 to 94.70): BM017163.D (-654) (-)

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

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

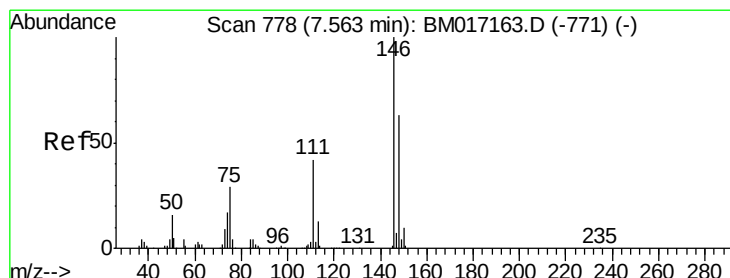
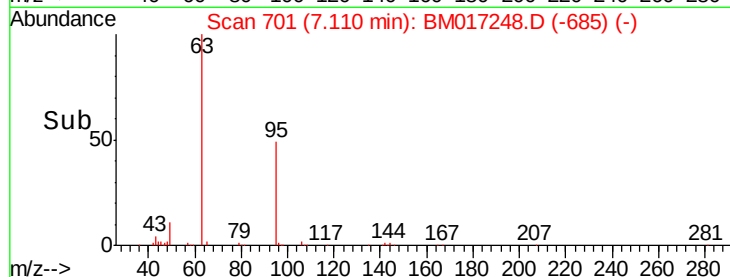
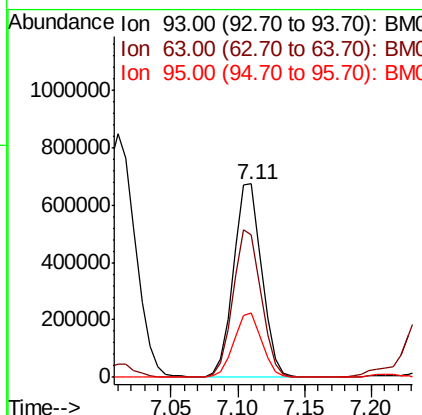
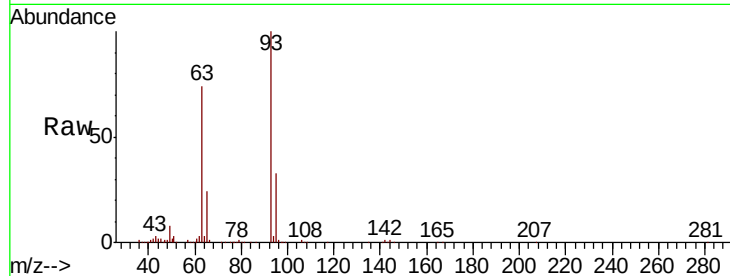




#11
bis(2-Chloroethyl)ether
Concen: 39.581 ng
RT: 7.11 min Scan# 701
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

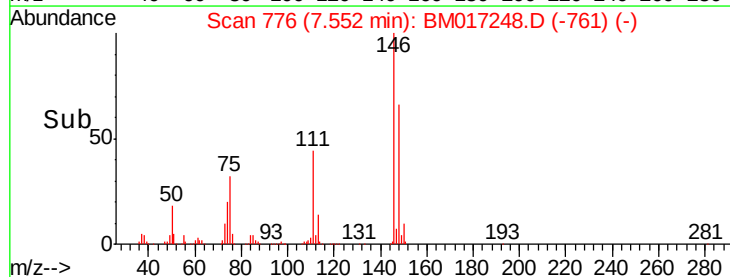
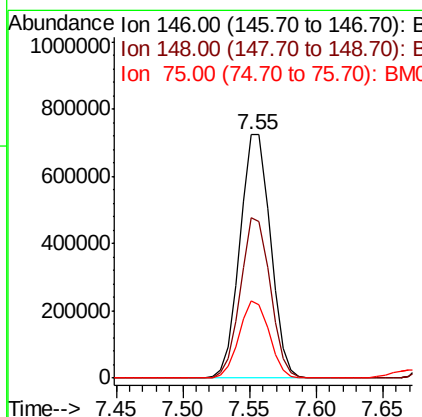
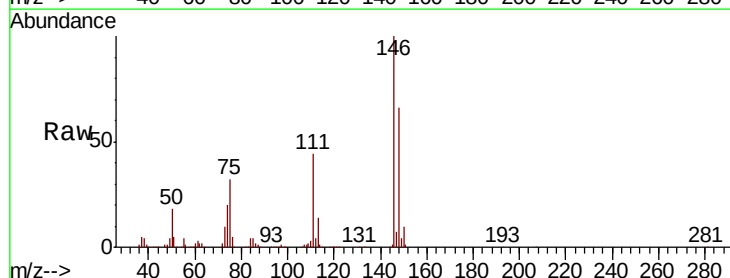
Instrument :
BNA_M
ClientSampleId :

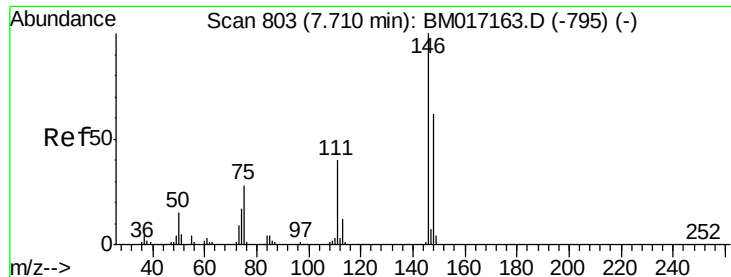
Tot Ion	Ratio	Lower	Upper
93	100		
63	73.7	54.0	94.0
95	33.2	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 39.694 ng
RT: 7.55 min Scan# 776
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.1	50.2	75.4
75	31.8	23.3	34.9

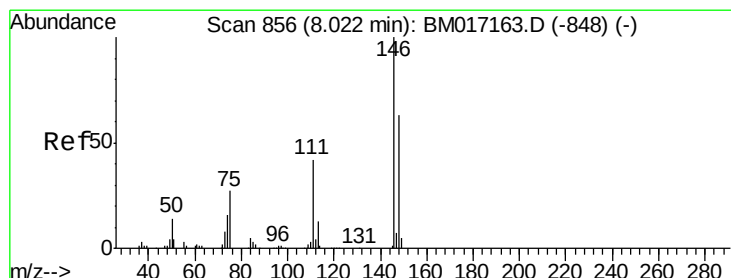
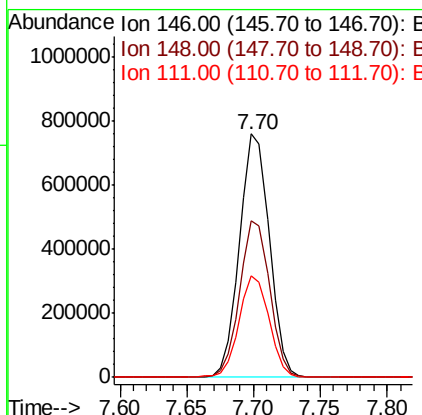
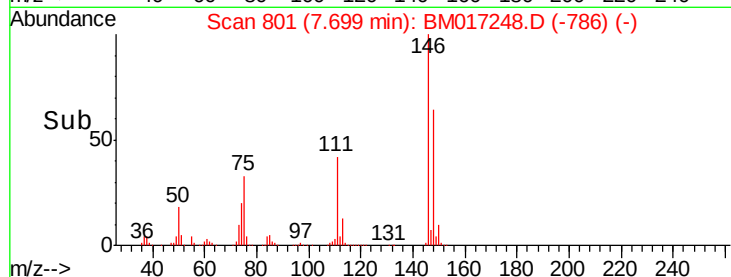
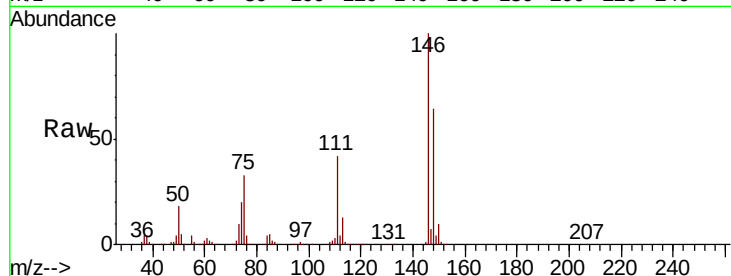




#13
 1,4-Dichlorobenzene
 Concen: 39.765 ng
 RT: 7.70 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BM017248.D
 Acq: 20 Oct 2018 03:36

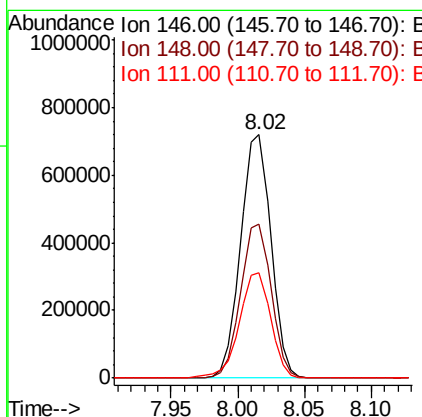
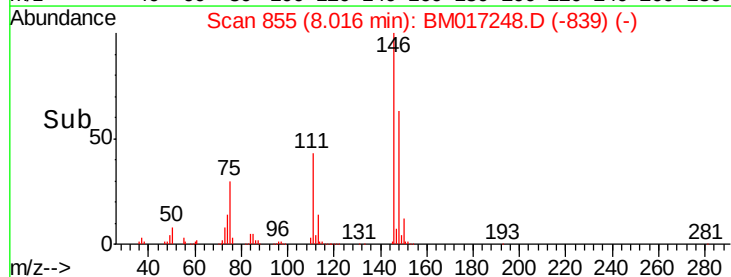
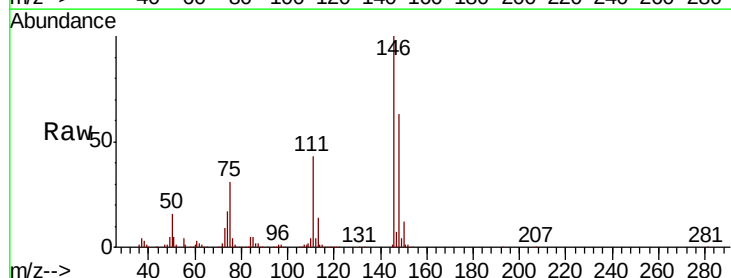
Instrument :
 BNA_M
 ClientSampled :

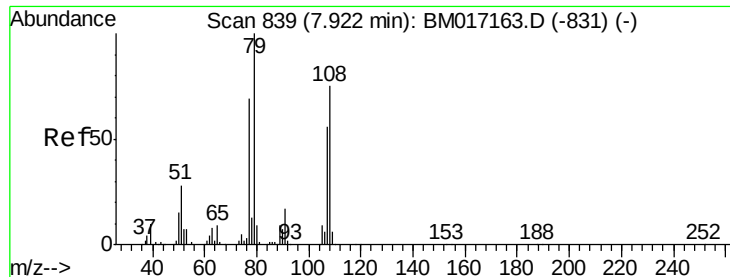
Tot Ion:146 Resp: 1178225
 Ion Ratio Lower Upper
 146 100
 148 64.3 49.8 74.6
 111 41.7 32.1 48.1



#14
 1,2-Dichlorobenzene
 Concen: 39.678 ng
 RT: 8.02 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: BM017248.D
 Acq: 20 Oct 2018 03:36

Tgt Ion:146 Resp: 1132696
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.8 76.2
 111 43.2 33.8 50.6





#15

Benzyl Alcohol

Concen: 46.689 ng

RT: 7.91 min Scan# 837

Delta R.T. -0.01 min

Lab File: BM017248.D

Acq: 20 Oct 2018 03:36

Instrument :

BNA_M

ClientSampleId :

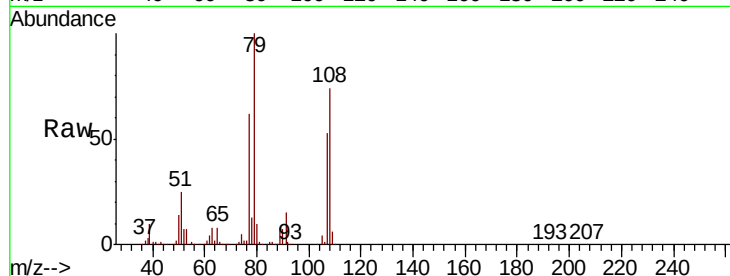
Tot Ion: 79 Resp: 999503

Ion Ratio Lower Upper

79 100

108 74.5 60.3 90.5

77 61.6 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) (-)

7.91

600000

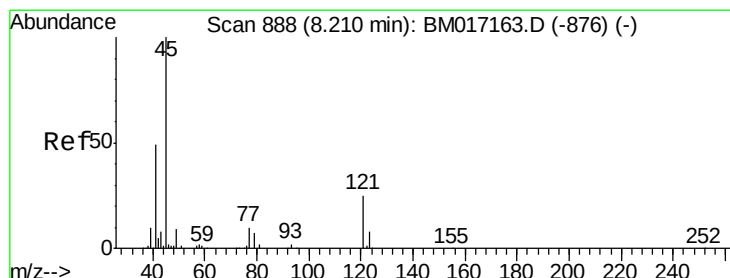
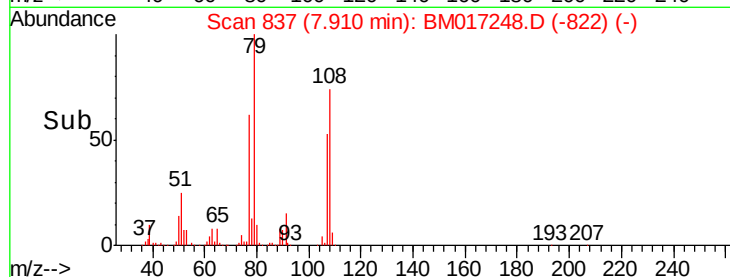
400000

200000

0

7.85 7.90 7.95

Time-->



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.613 ng

RT: 8.20 min Scan# 886

Delta R.T. -0.01 min

Lab File: BM017248.D

Acq: 20 Oct 2018 03:36

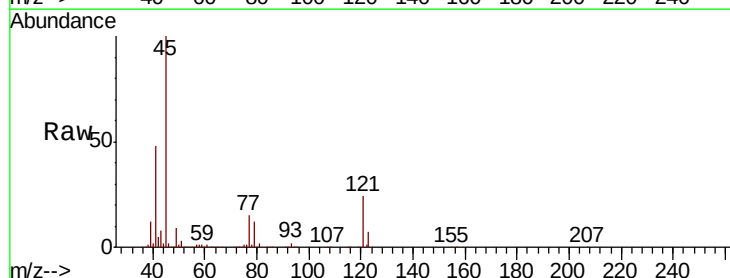
Tgt Ion: 45 Resp: 1355485

Ion Ratio Lower Upper

45 100

77 15.4 0.0 35.5

79 11.8 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) (-)

8.20

600000

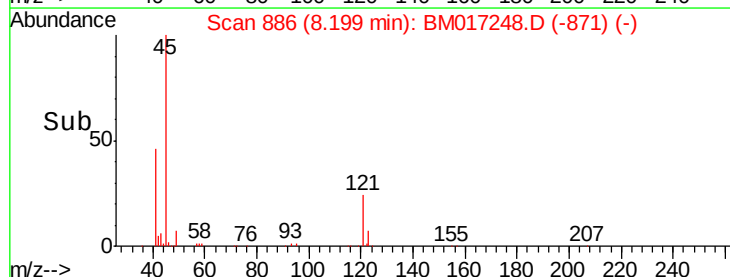
400000

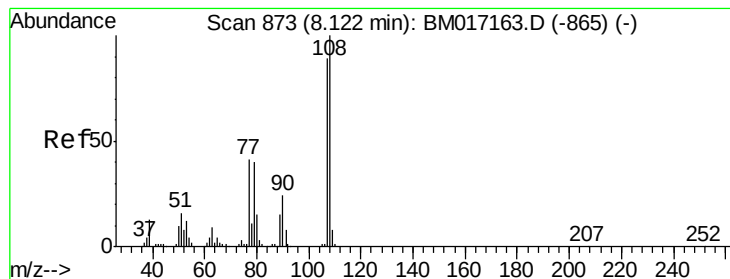
200000

0

8.10 8.15 8.20 8.25

Time-->

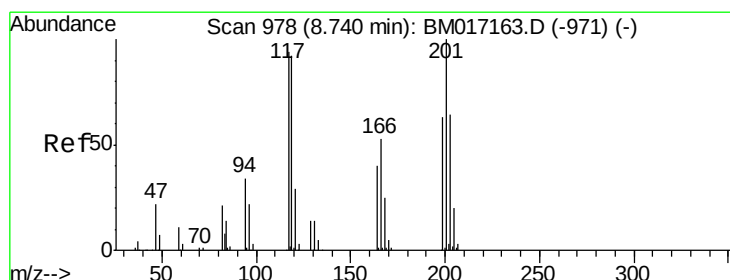
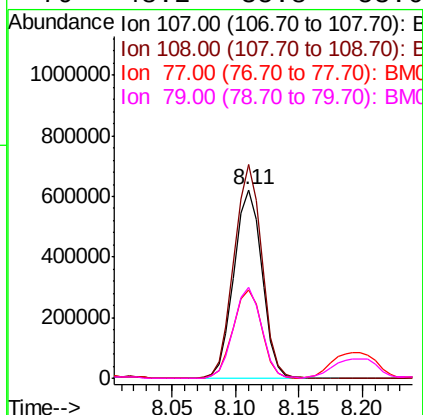
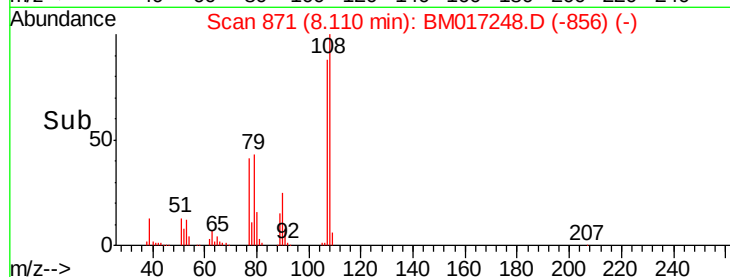
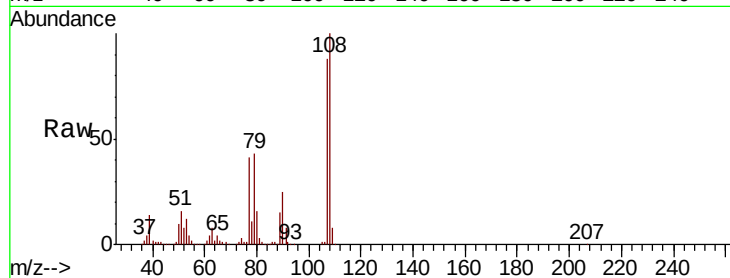




#17
2-Methylphenol
Concen: 47.166 ng
RT: 8.11 min Scan# 871
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

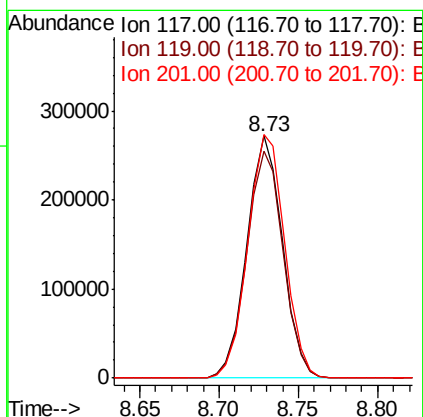
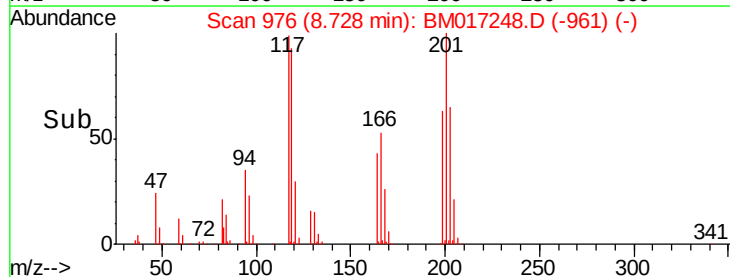
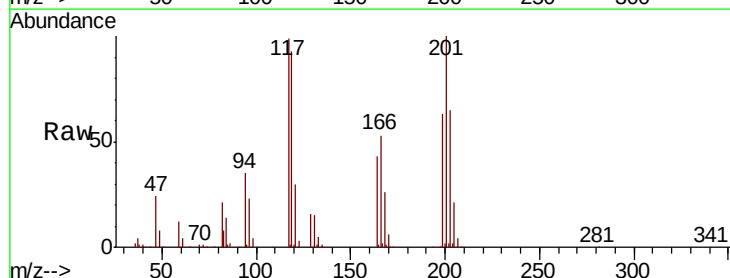
Instrument :
BNA_M
ClientSampleId :

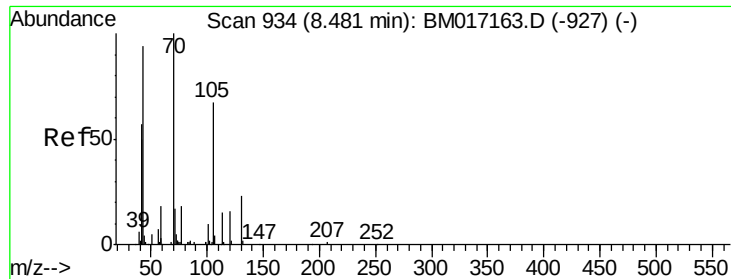
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.3	90.3	135.5
77	46.5	37.0	55.4
79	48.2	35.8	53.6



#18
Hexachloroethane
Concen: 41.904 ng
RT: 8.73 min Scan# 976
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	78.2	117.2
201	100.6	85.3	127.9

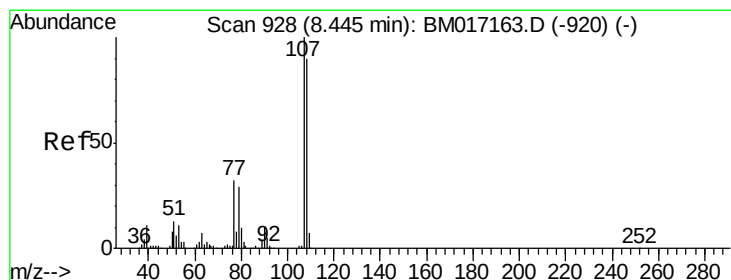
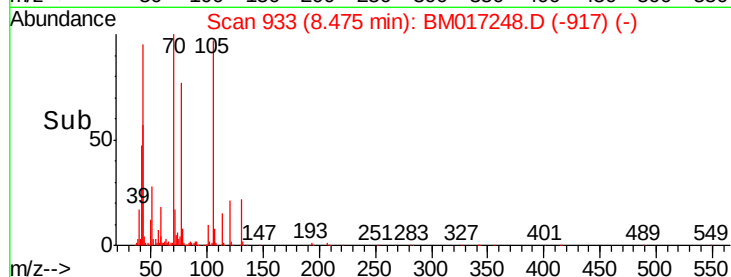
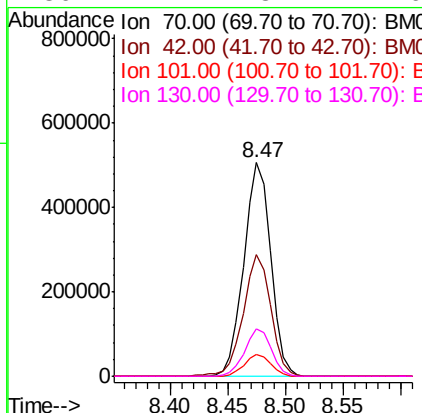
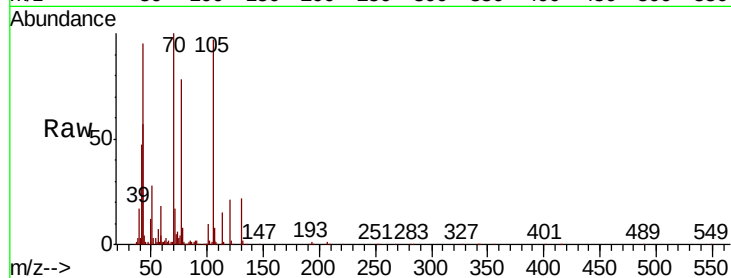




#19
n-Nitroso-di-n-propylamine
Concen: 42.542 ng
RT: 8.47 min Scan# 933
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

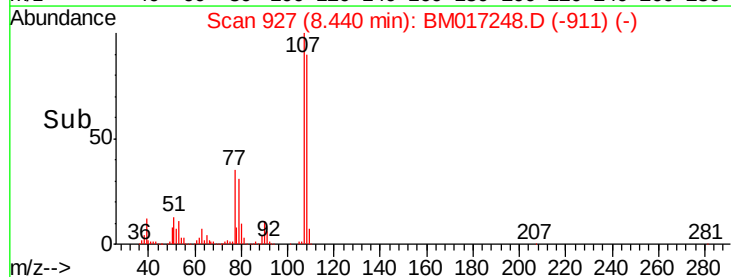
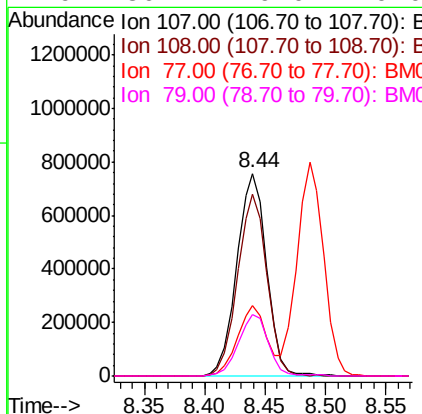
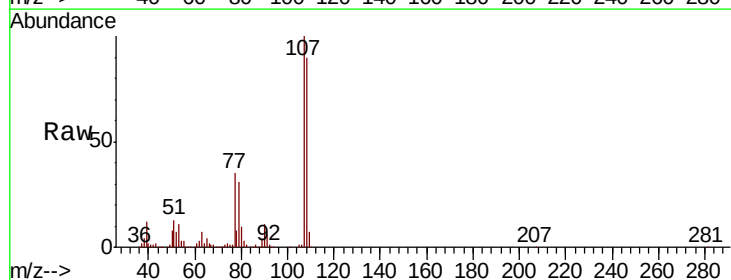
Instrument :
BNA_M
ClientSampleId :

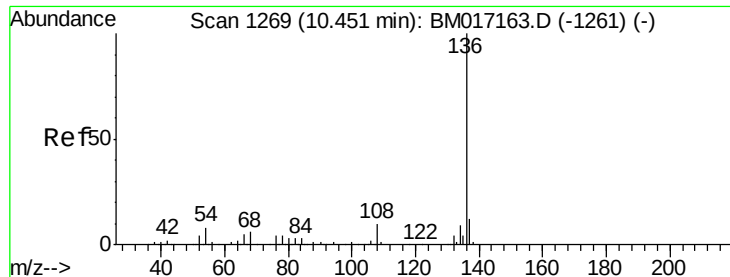
Tot Ion:	70	Resp:	820412
Ion	Ratio	Lower	Upper
70	100		
42	56.7	46.1	69.1
101	9.9	8.2	12.4
130	22.4	18.4	27.6



#20
3+4-Methylphenols
Concen: 46.896 ng
RT: 8.44 min Scan# 927
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Tgt Ion:	107	Resp:	1297676
Ion	Ratio	Lower	Upper
107	100		
108	90.1	69.9	109.9
77	34.6	12.2	52.2
79	30.7	9.0	49.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.44 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BM017248.D

Acq: 20 Oct 2018 03:36

Instrument :

BNA_M

ClientSampled :

Tot Ion:136 Resp: 1611046

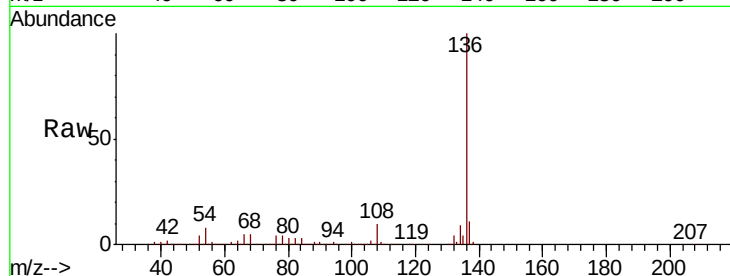
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 8.0 6.7 10.1

68 5.3 4.7 7.1

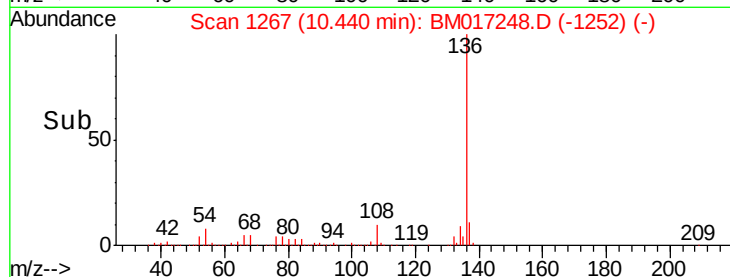


Abundance Ion 136.00 (135.70 to 136.70): E

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



Abundance

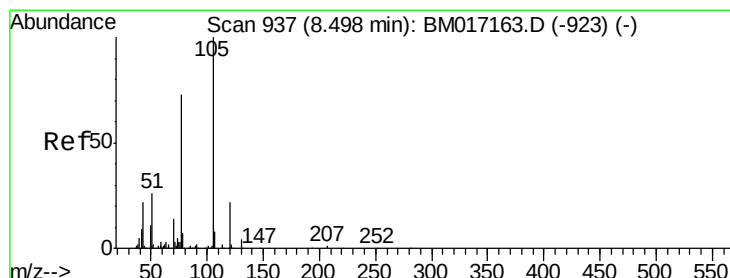
10.44

1000000

500000

0

Time-->



#22

Acetophenone

Concen: 39.693 ng

RT: 8.49 min Scan# 935

Delta R.T. -0.01 min

Lab File: BM017248.D

Acq: 20 Oct 2018 03:36

Tgt Ion:105 Resp: 1620989

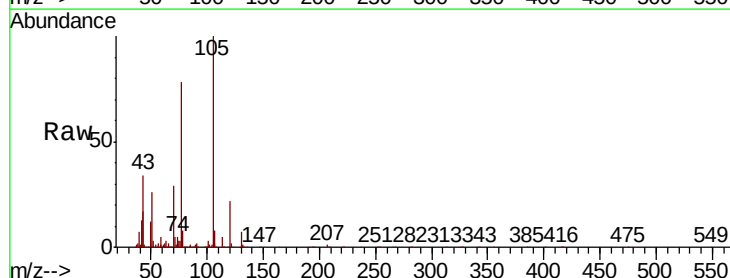
Ion Ratio Lower Upper

105 100

71 4.6 2.0 3.0#

51 25.7 20.6 31.0

120 21.6 17.5 26.3

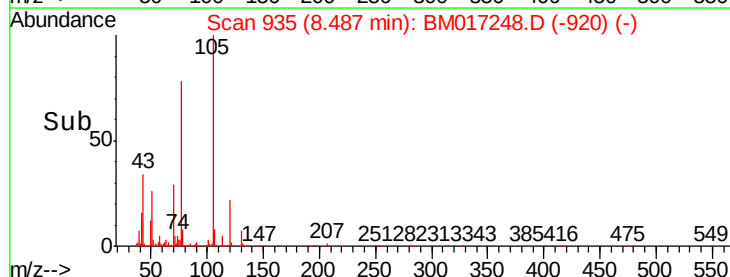


Abundance Ion 105.00 (104.70 to 105.70): E

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



Abundance

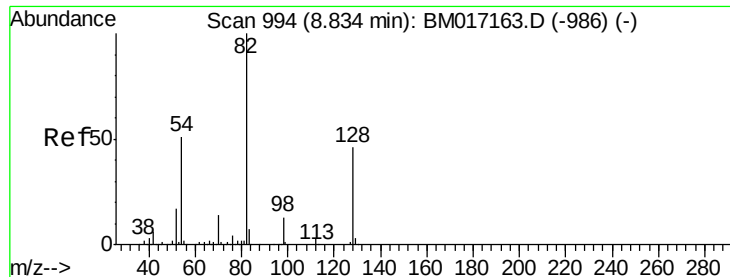
8.49

1000000

500000

0

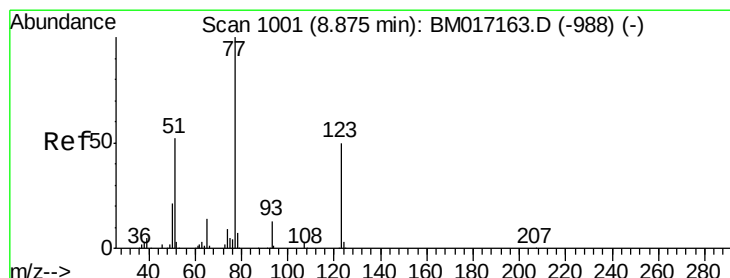
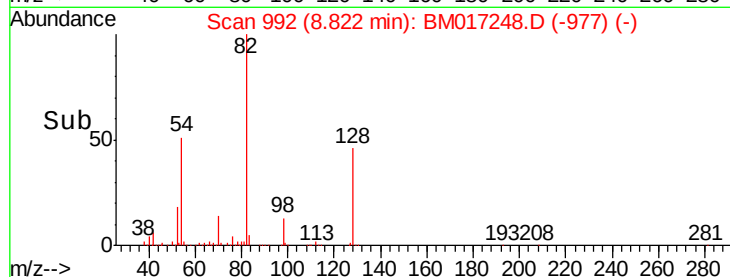
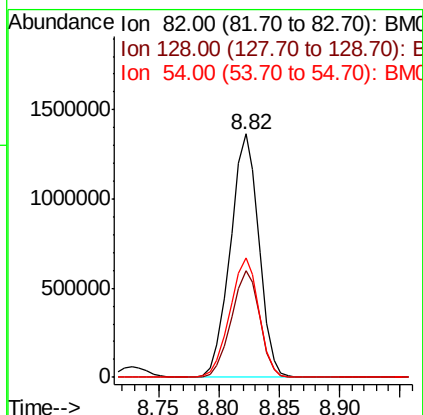
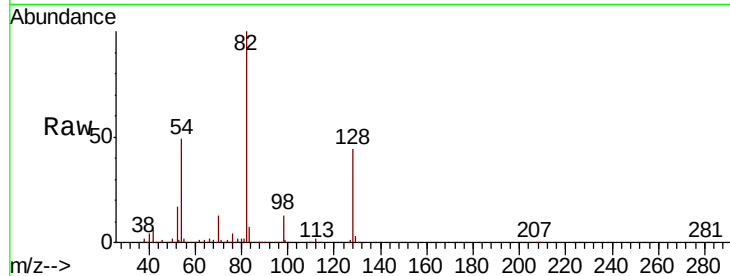
Time-->



#23
 Nitrobenzene-d5
 Concen: 81.663 ng
 RT: 8.82 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BM017248.D
 Acq: 20 Oct 2018 03:36

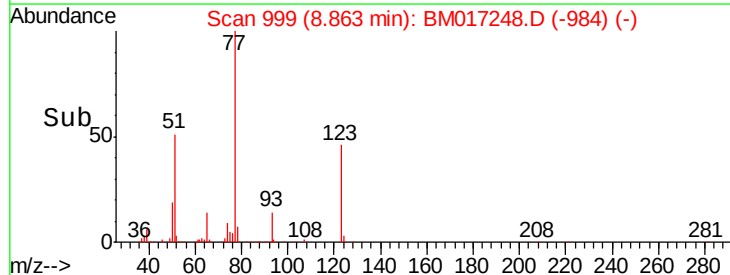
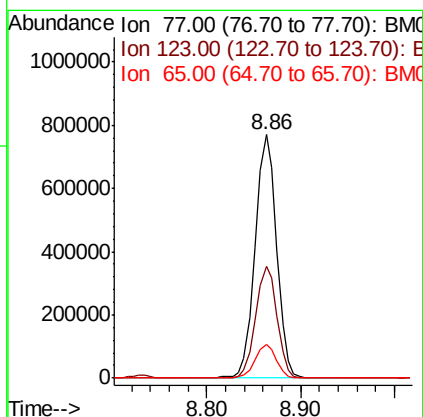
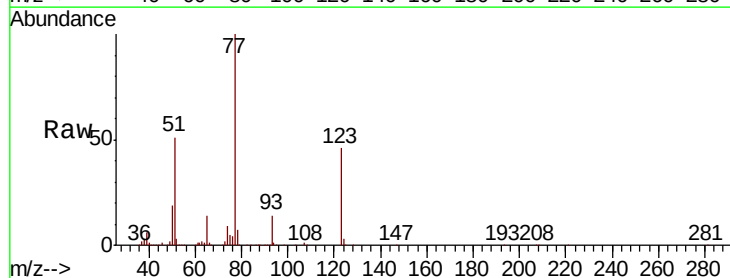
Instrument :
 BNA_M
 ClientSampleId :

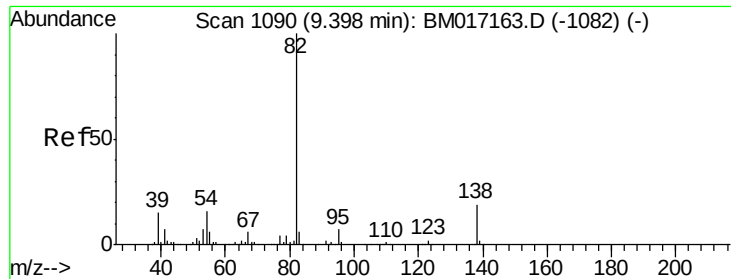
Tot Ion: 82 Resp: 2249499
 Ion Ratio Lower Upper
 82 100
 128 43.8 37.0 55.6
 54 49.1 40.7 61.1



#24
 Nitrobenzene
 Concen: 41.620 ng
 RT: 8.86 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BM017248.D
 Acq: 20 Oct 2018 03:36

Tgt Ion: 77 Resp: 1212697
 Ion Ratio Lower Upper
 77 100
 123 46.0 40.2 60.4
 65 13.8 11.4 17.0

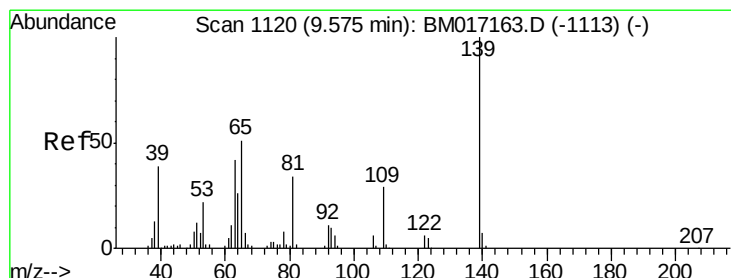
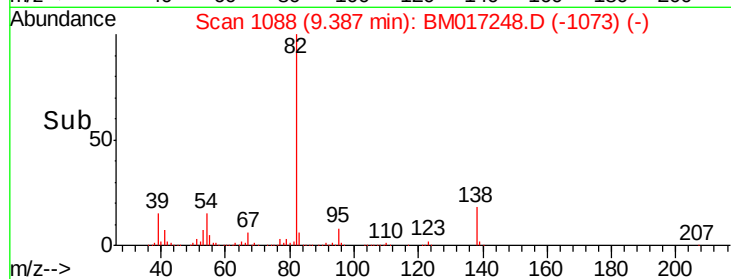
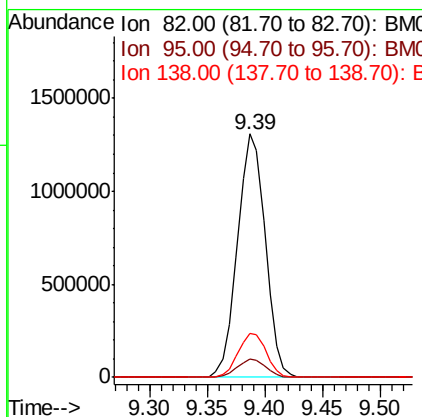
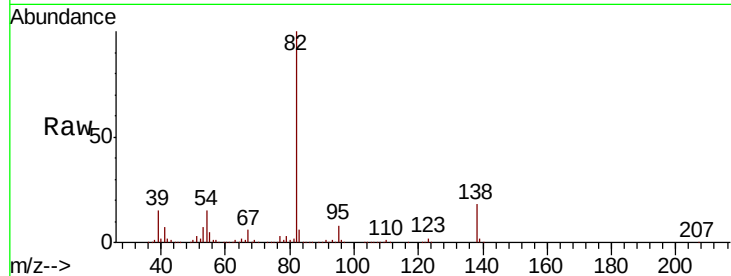




#25
Isophorone
Concen: 48.011 ng
RT: 9.39 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

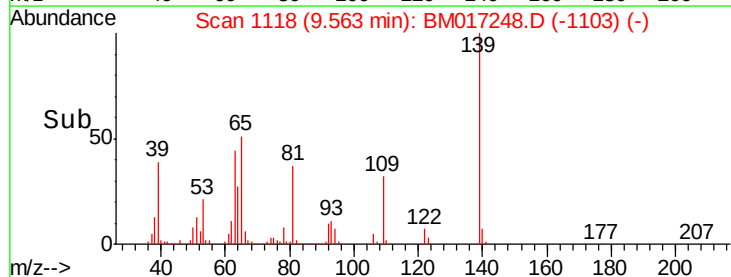
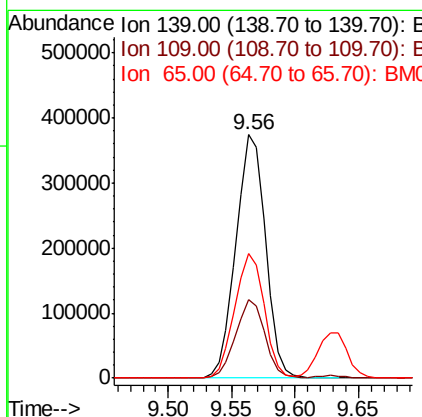
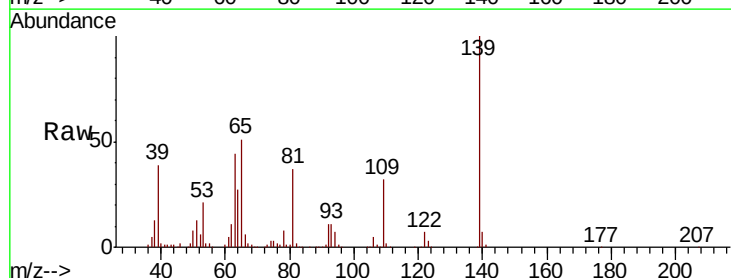
Instrument :
BNA_M
ClientSampleId :

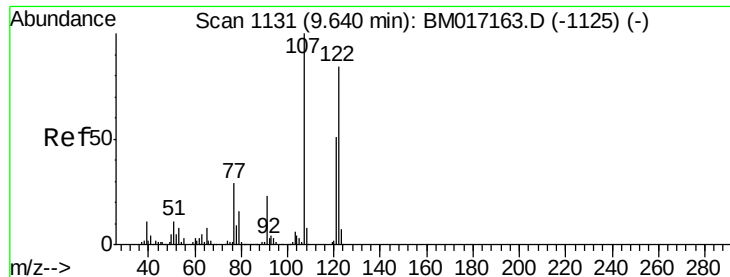
Tot Ion: 82 Resp: 2183865
Ion Ratio Lower Upper
82 100
95 7.7 6.0 9.0
138 17.9 15.4 23.2



#26
2-Nitrophenol
Concen: 44.906 ng
RT: 9.56 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Tgt Ion: 139 Resp: 606684
Ion Ratio Lower Upper
139 100
109 32.4 23.2 34.8
65 51.4 40.6 61.0





#27

2,4-Dimethylphenol

Concen: 53.202 ng

RT: 9.63 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BM017248.D

Acq: 20 Oct 2018 03:36

Instrument :

BNA_M

ClientSampled :

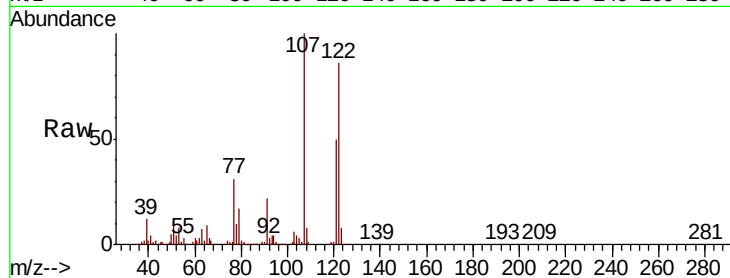
Tot Ion:122 Resp: 1070055

Ion Ratio Lower Upper

122 100

107 116.2 95.0 142.6

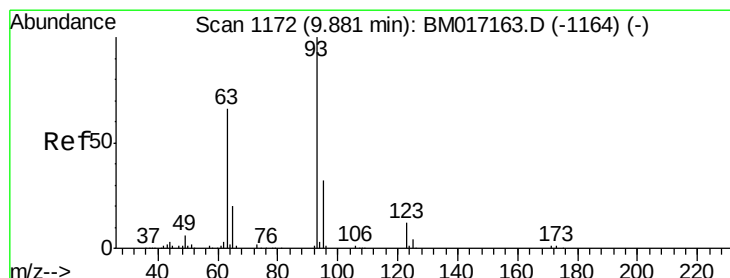
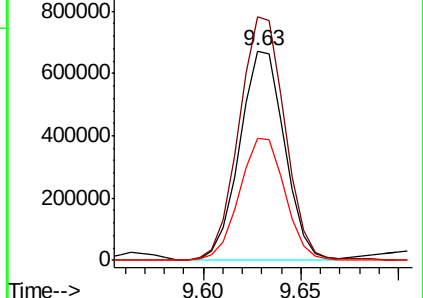
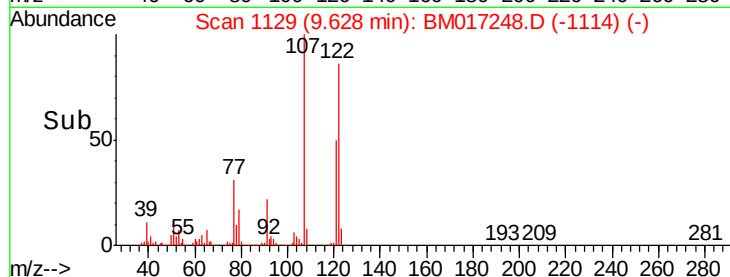
121 58.4 48.2 72.4



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: 43.979 ng

RT: 9.87 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BM017248.D

Acq: 20 Oct 2018 03:36

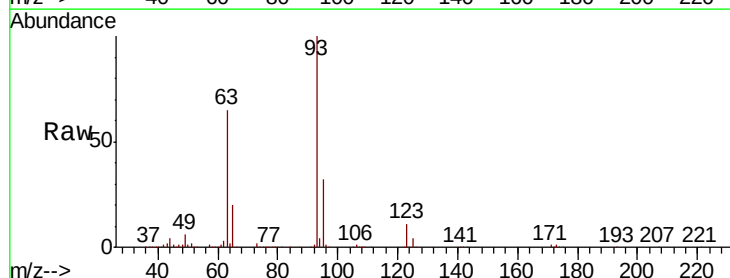
Tgt Ion: 93 Resp: 1407989

Ion Ratio Lower Upper

93 100

95 32.3 25.7 38.5

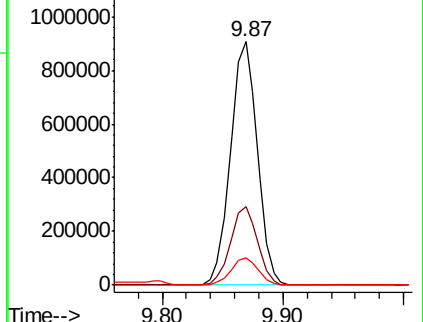
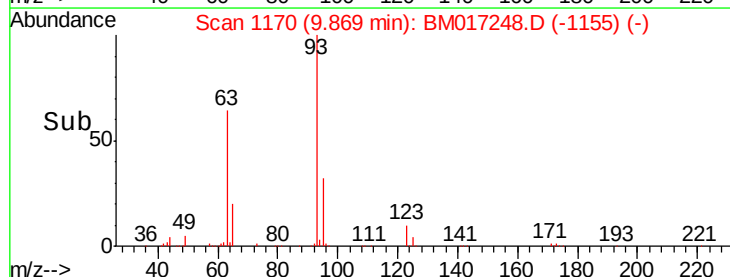
123 11.3 9.4 14.0

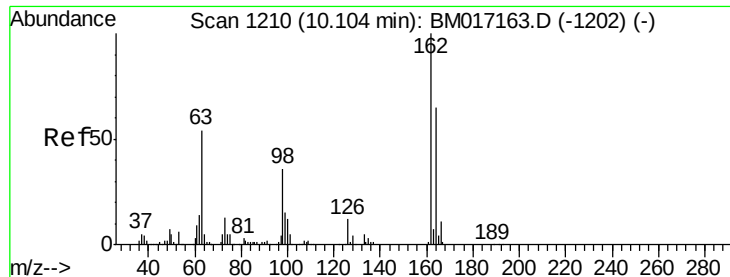


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

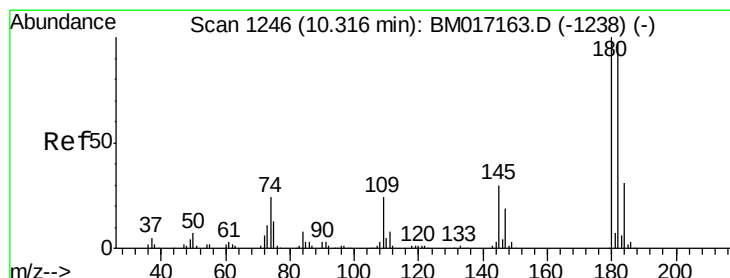
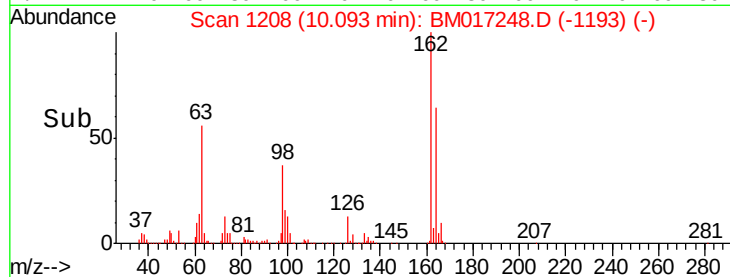
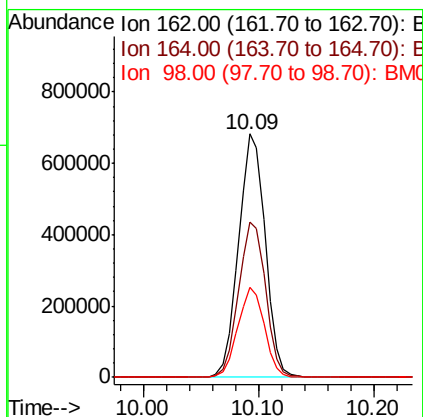
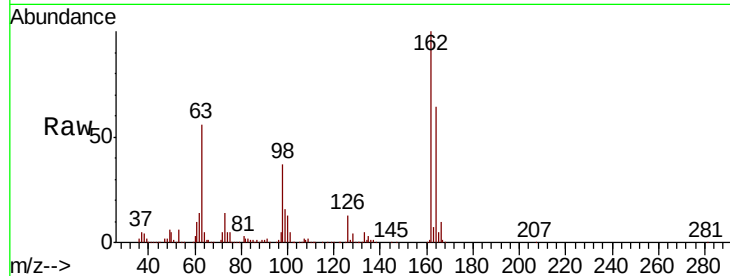




#29
 2,4-Dichlorophenol
 Concen: 47.024 ng
 RT: 10.09 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BM017248.D
 Acq: 20 Oct 2018 03:36

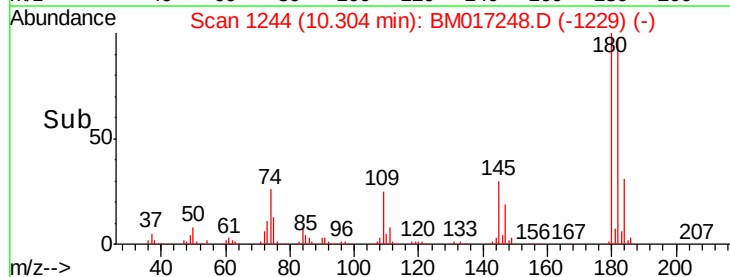
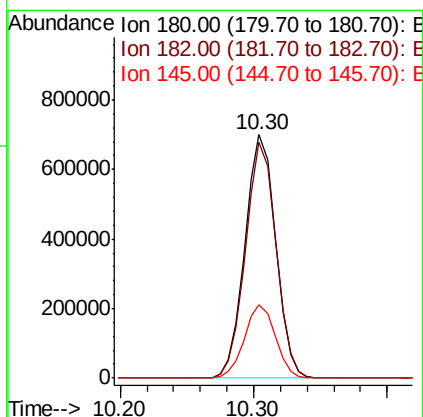
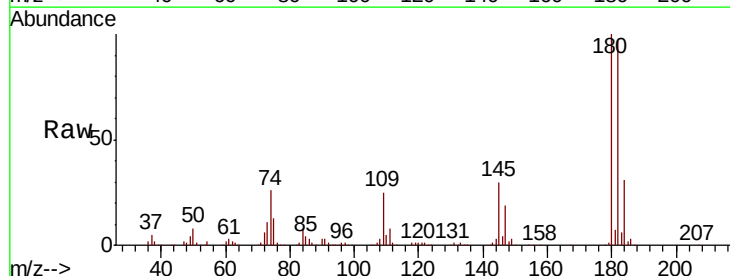
Instrument :
 BNA_M
 ClientSampleId :

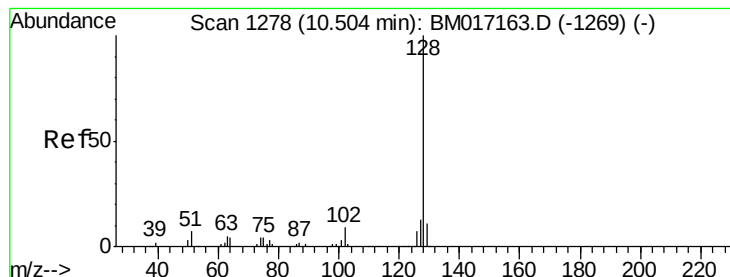
Tot Ion:162 Resp: 1098138
 Ion Ratio Lower Upper
 162 100
 164 64.0 44.9 84.9
 98 36.9 15.8 55.8



#30
 1,2,4-Trichlorobenzene
 Concen: 39.642 ng
 RT: 10.30 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: BM017248.D
 Acq: 20 Oct 2018 03:36

Tgt Ion:180 Resp: 1110548
 Ion Ratio Lower Upper
 180 100
 182 97.0 77.5 116.3
 145 30.4 24.0 36.0

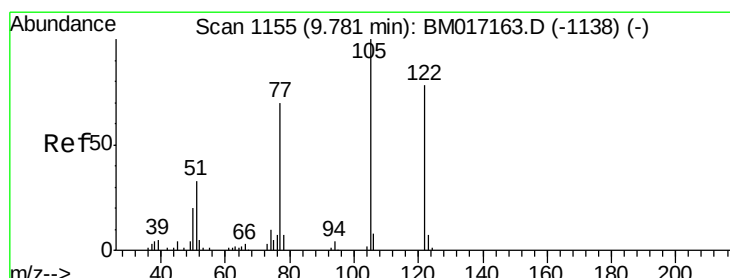
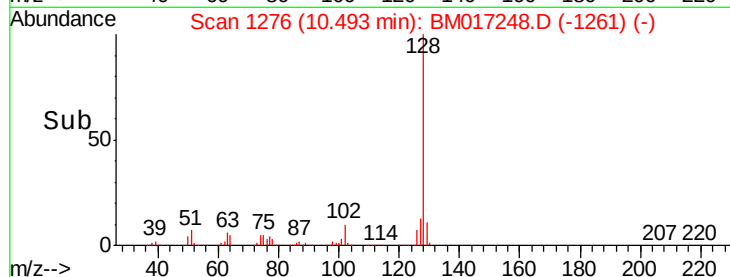
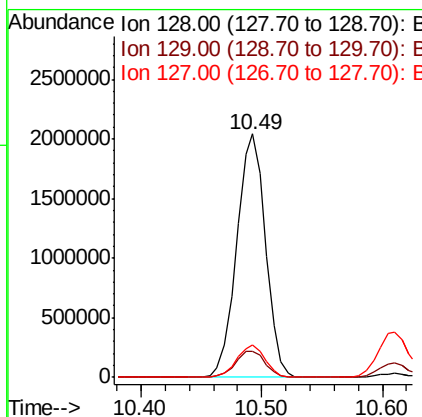
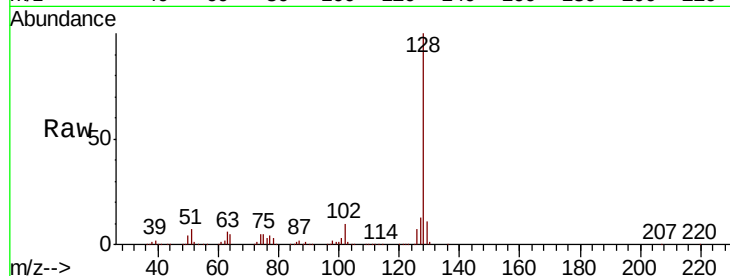




#31
Naphthalene
Concen: 42.832 ng
RT: 10.49 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

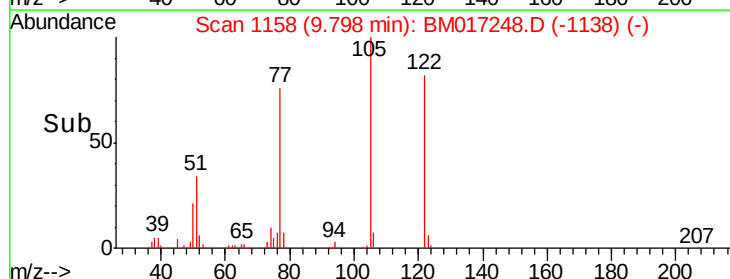
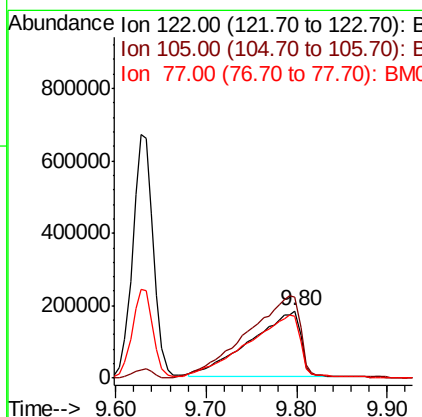
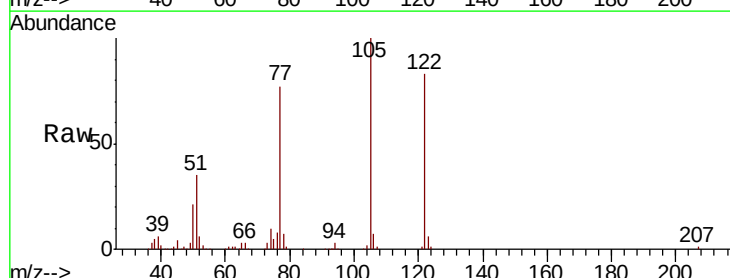
Instrument :
BNA_M
ClientSampled :

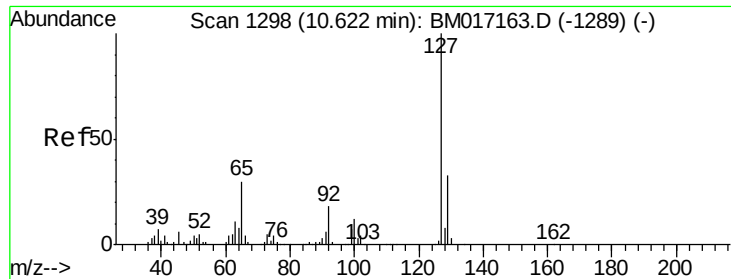
Tot Ion:128 Resp: 3381613
Ion Ratio Lower Upper
128 100
129 10.9 8.5 12.7
127 13.2 10.3 15.5



#32
Benzoic acid
Concen: 46.863 ng
RT: 9.80 min Scan# 1158
Delta R.T. 0.02 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Tgt Ion:122 Resp: 703284
Ion Ratio Lower Upper
122 100
105 120.5 102.0 142.0
77 92.6 67.7 107.7

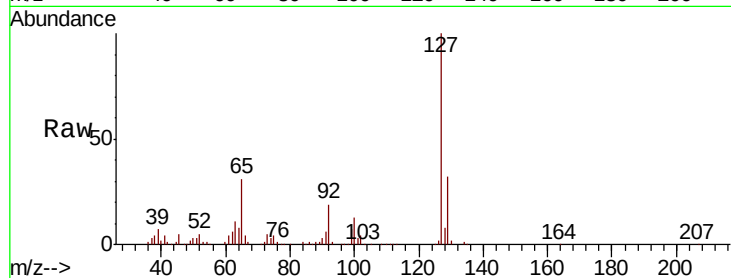




#33
4-Chloroaniline
Concen: 20.959 ng
RT: 10.61 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Instrument :
BNA_M
ClientSampled :

Tot Ion:	127	Resp:	714664
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.4
65	31.0	23.7	35.5
92	18.8	14.3	21.5



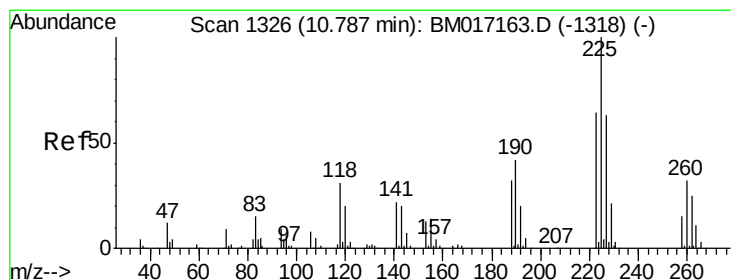
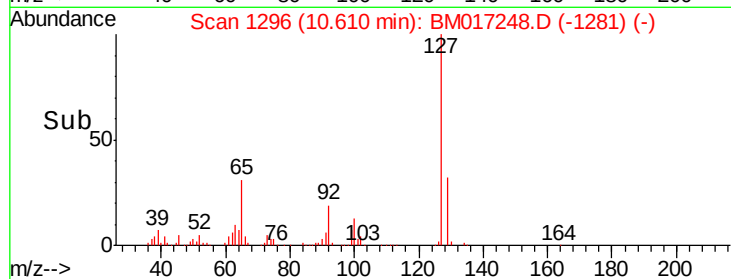
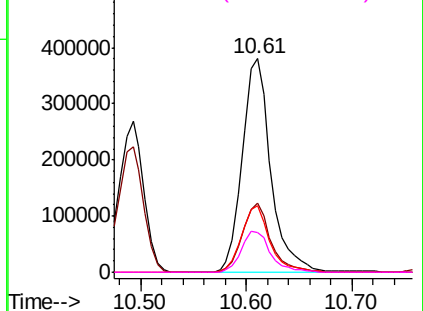
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

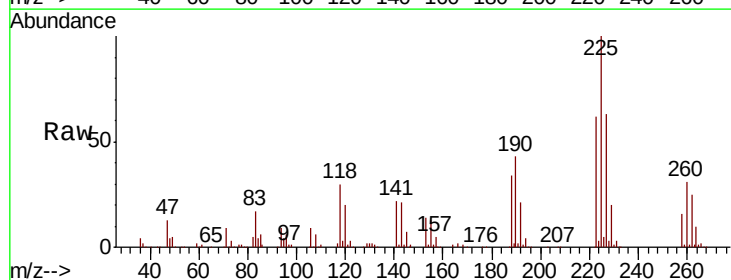
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 38.304 ng
RT: 10.77 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Tgt Ion:	225	Resp:	679904
Ion	Ratio	Lower	Upper
225	100		
223	62.0	51.0	76.6
227	62.5	50.8	76.2

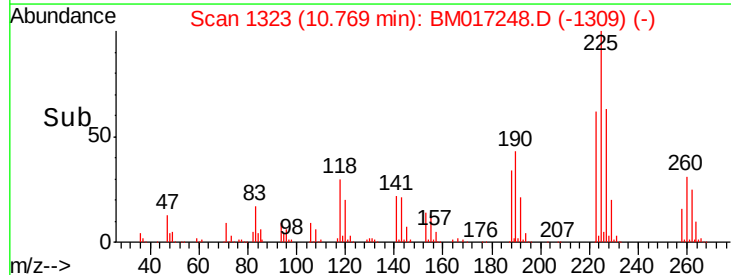
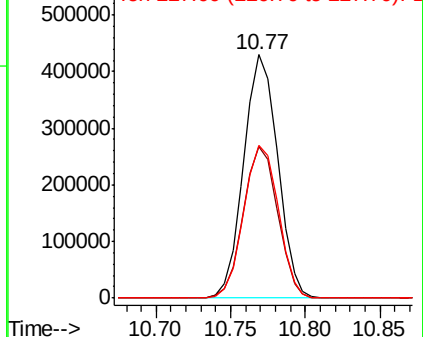


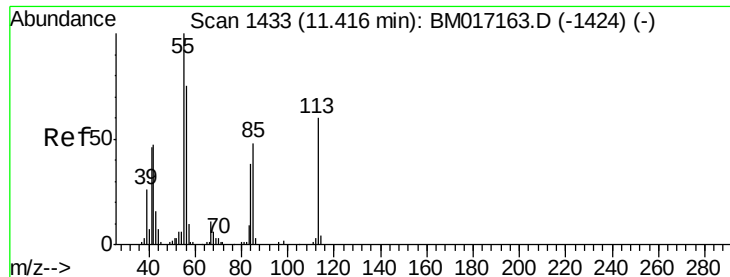
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 11.750 ng

RT: 11.41 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BM017248.D

Acq: 20 Oct 2018 03:36

Instrument :

BNA_M

ClientSampleId :

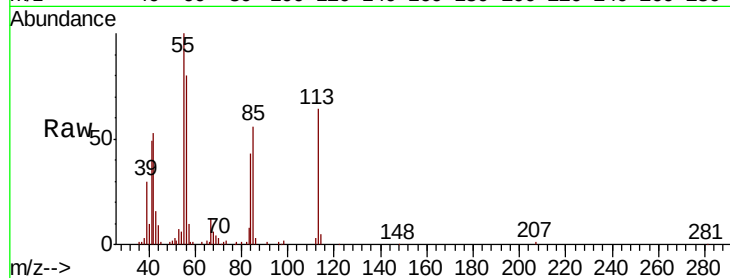
Tot Ion:113 Resp: 100002

Ion Ratio Lower Upper

113 100

55 156.8 147.0 187.0

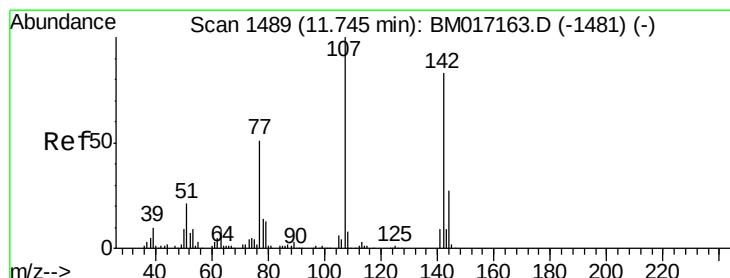
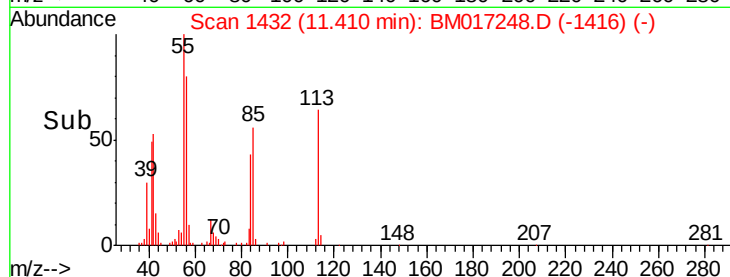
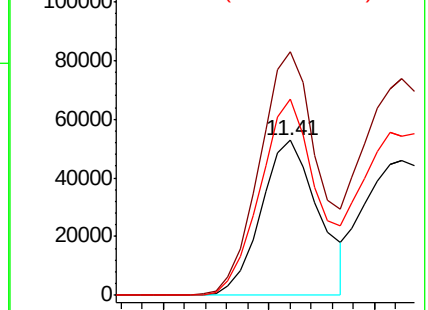
56 126.1 104.5 144.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 44.090 ng

RT: 11.74 min Scan# 1488

Delta R.T. -0.01 min

Lab File: BM017248.D

Acq: 20 Oct 2018 03:36

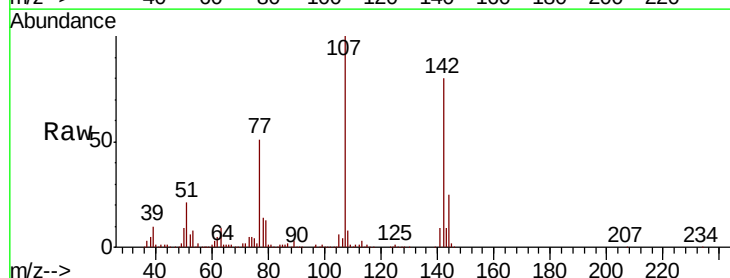
Tgt Ion:107 Resp: 1160599

Ion Ratio Lower Upper

107 100

144 25.5 21.6 32.4

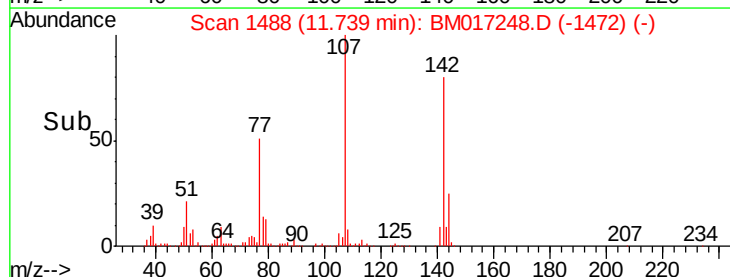
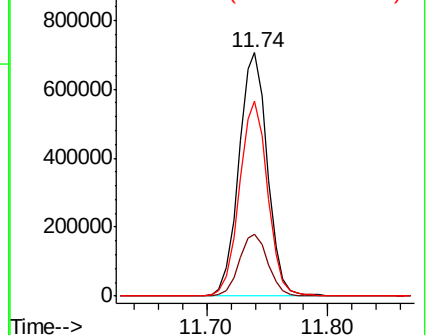
142 80.1 66.0 99.0

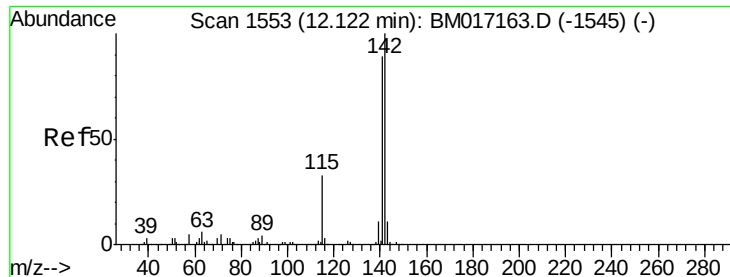


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

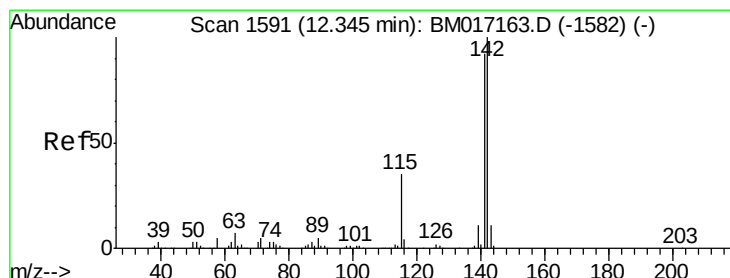
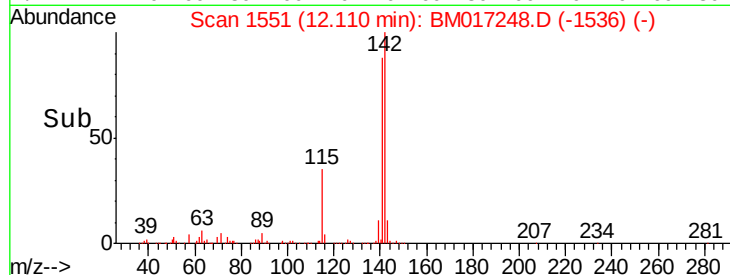
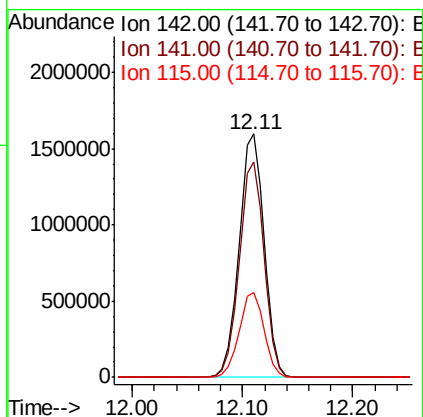
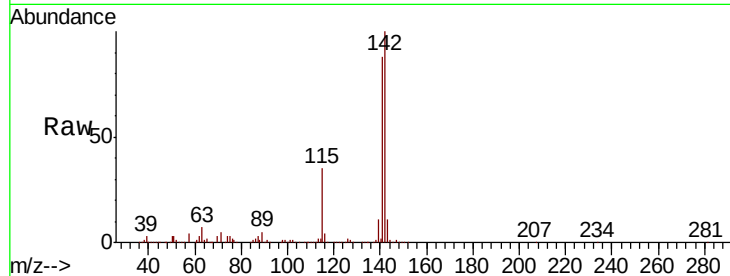




#37
2-Methylnaphthalene
Concen: 47.041 ng
RT: 12.11 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

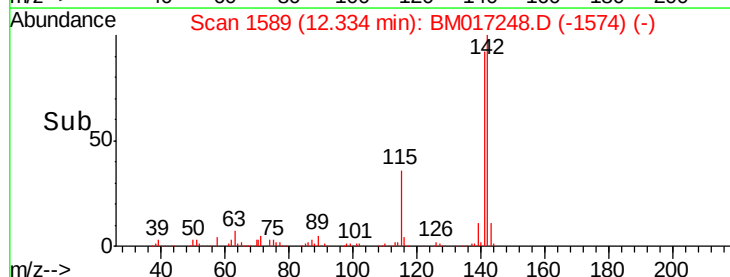
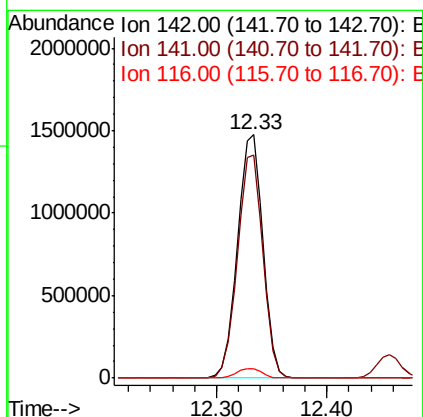
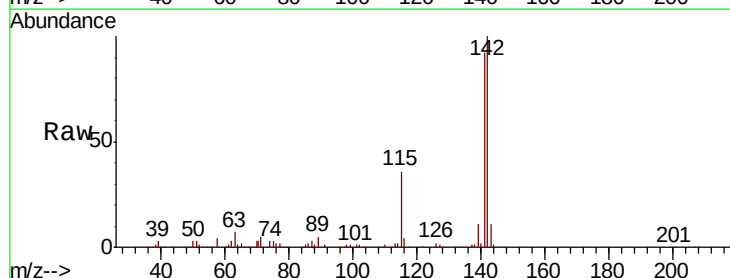
Instrument :
BNA_M
ClientSampleId :

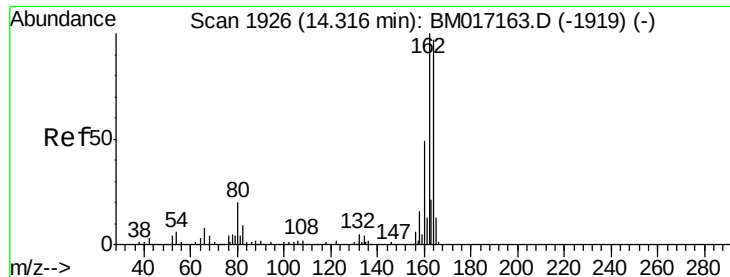
Tot Ion:142 Resp: 2541476
Ion Ratio Lower Upper
142 100
141 88.4 70.9 106.3
115 34.9 26.4 39.6



#38
1-Methylnaphthalene
Concen: 45.316 ng
RT: 12.33 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Tgt Ion:142 Resp: 2382839
Ion Ratio Lower Upper
142 100
141 91.8 73.8 110.6
116 3.7 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.31 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BM017248.D

Acq: 20 Oct 2018 03:36

Instrument :

BNA_M

ClientSampleId :

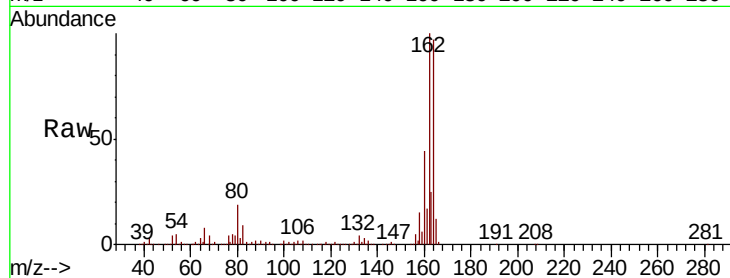
Tot Ion:164 Resp: 921379

Ion Ratio Lower Upper

164 100

162 103.1 82.1 123.1

160 44.9 40.2 60.2



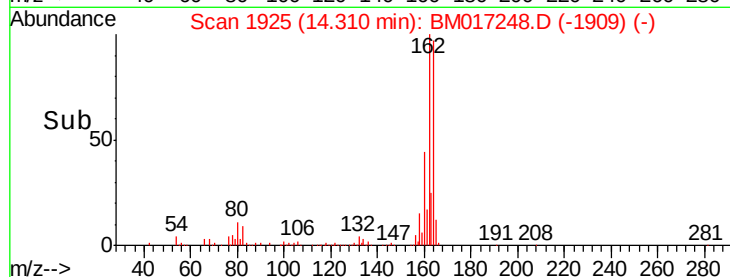
Abundance

Ion 164.00 (163.70 to 164.70): E

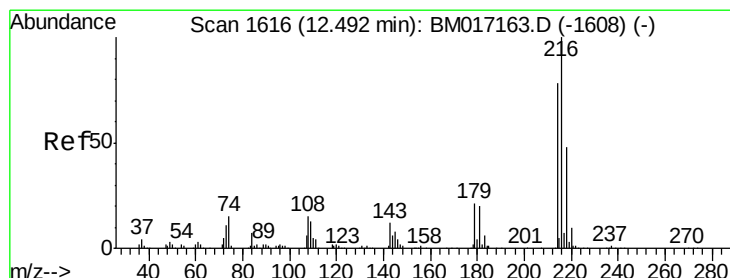
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

14.31



Time-->



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.090 ng

RT: 12.48 min Scan# 1614

Delta R.T. -0.01 min

Lab File: BM017248.D

Acq: 20 Oct 2018 03:36

Tgt Ion:216 Resp: 1300843

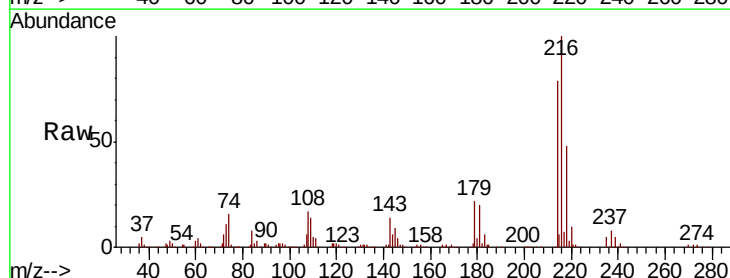
Ion Ratio Lower Upper

216 100

214 78.3 62.6 93.8

179 21.1 16.6 24.8

108 20.3 13.5 20.3#



Abundance

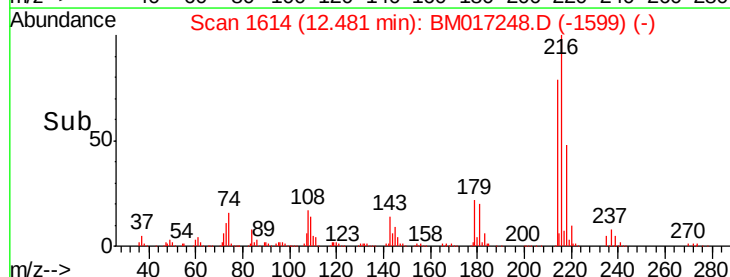
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

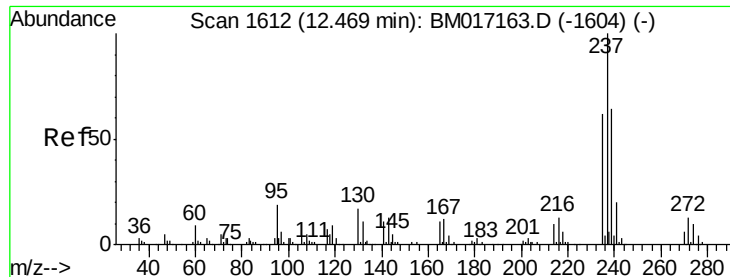
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

12.48



Time-->



#41

Hexachlorocyclopentadiene

Concen: 122.181 ng

RT: 12.46 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BM017248.D

Acq: 20 Oct 2018 03:36

Instrument :

BNA_M

ClientSampleId :

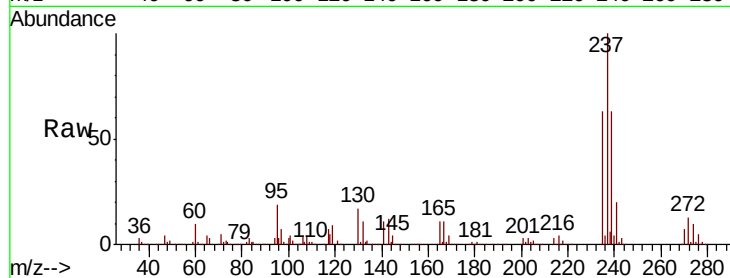
Tot Ion:237 Resp: 1916574

Ion	Ratio	Lower	Upper
237	100		
235	62.6	42.4	82.4
272	13.2	0.0	33.0

237 100

235 62.6 42.4 82.4

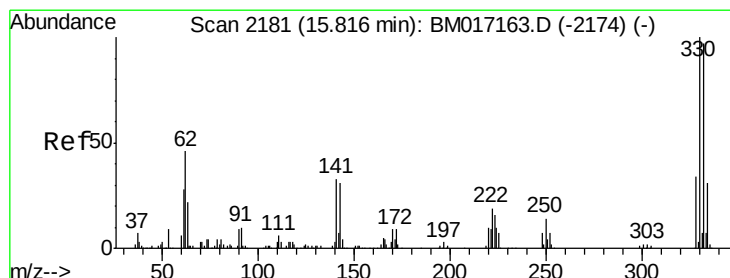
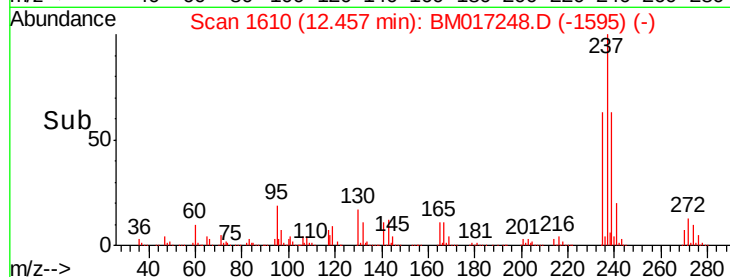
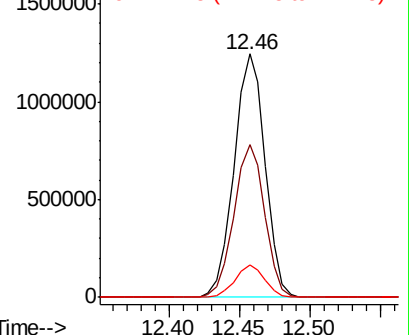
272 13.2 0.0 33.0



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 140.920 ng

RT: 15.81 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BM017248.D

Acq: 20 Oct 2018 03:36

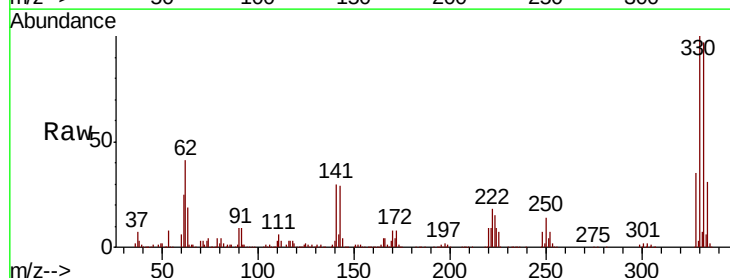
Tgt Ion:330 Resp: 1755900

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.3	115.9
141	33.2	27.4	41.0

330 100

332 97.0 77.3 115.9

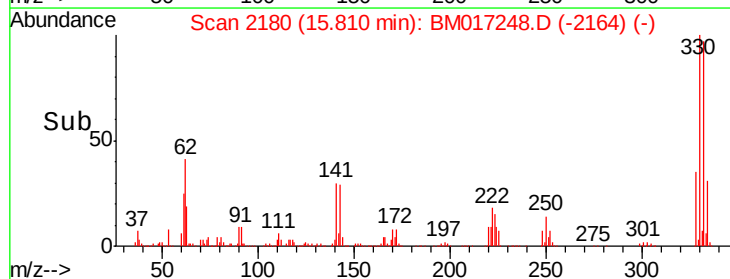
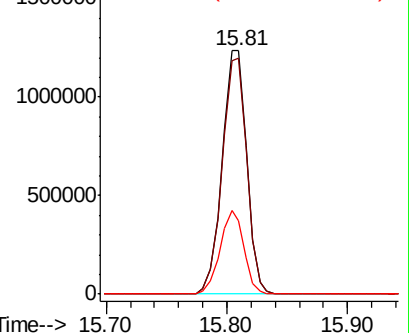
141 33.2 27.4 41.0

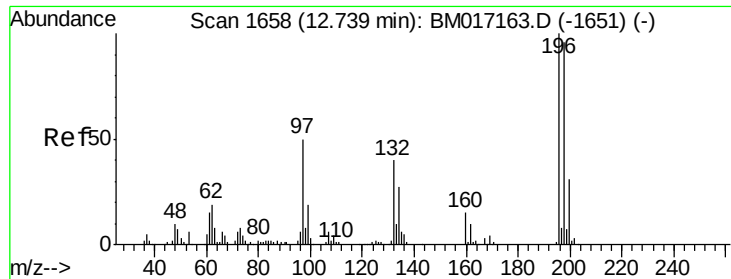


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

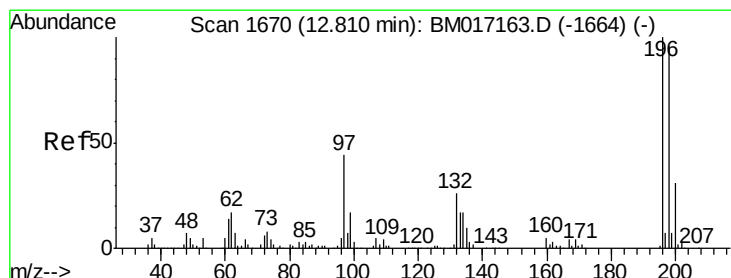
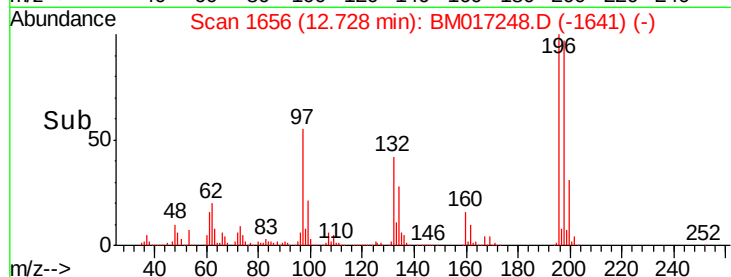
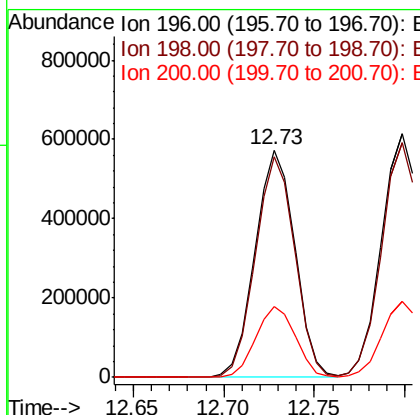
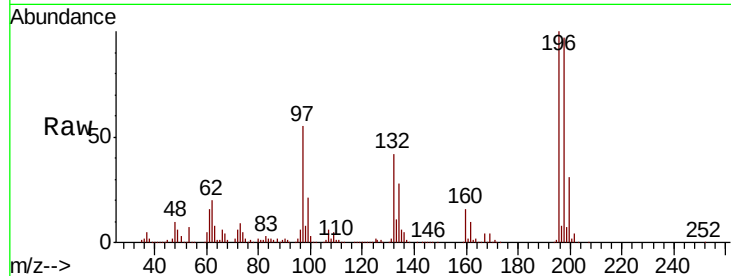




#43
 2,4,6-Trichlorophenol
 Concen: 46.402 ng
 RT: 12.73 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BM017248.D
 Acq: 20 Oct 2018 03:36

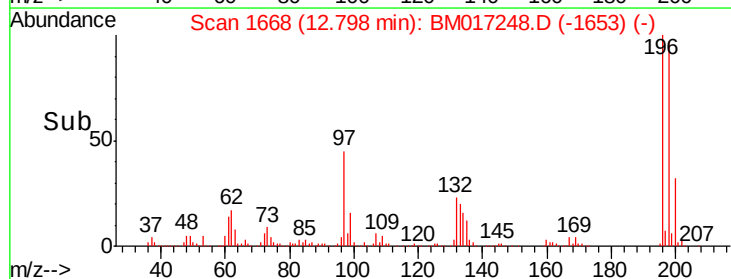
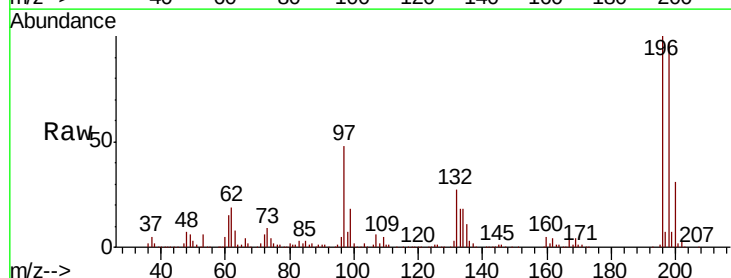
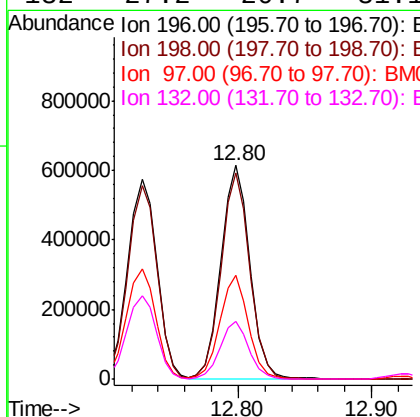
Instrument :
 BNA_M
 ClientSampleId :

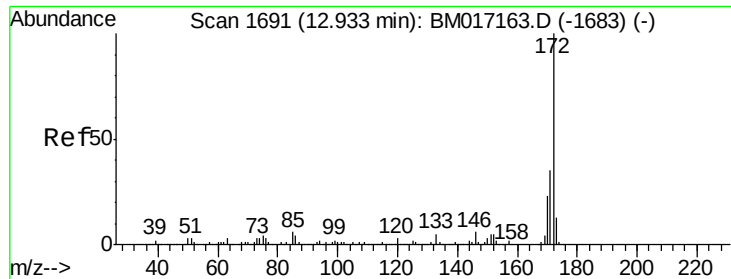
Tot Ion	196	Resp	874027
Ion Ratio	Lower	Upper	
196	100		
198	97.1	77.1	115.7
200	31.0	25.0	37.4



#44
 2,4,5-Trichlorophenol
 Concen: 46.091 ng
 RT: 12.80 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM017248.D
 Acq: 20 Oct 2018 03:36

Tgt Ion	196	Resp	930972
Ion Ratio	Lower	Upper	
196	100		
198	96.6	76.6	115.0
97	48.4	35.5	53.3
132	27.2	20.7	31.1

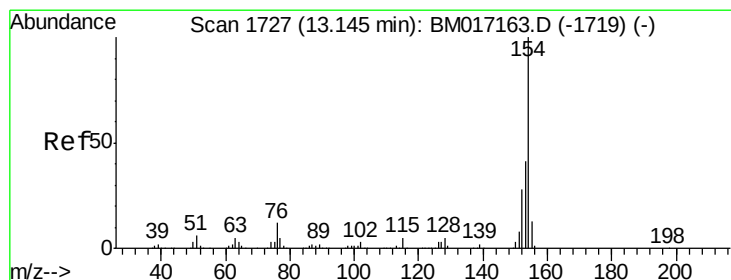
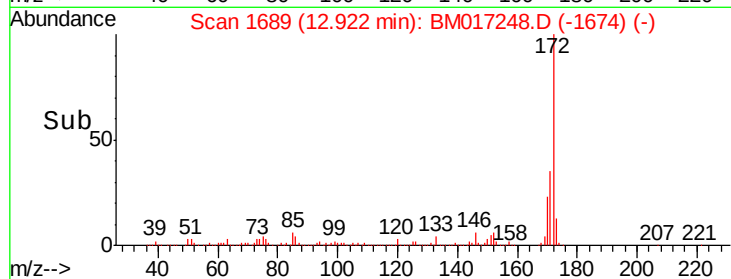
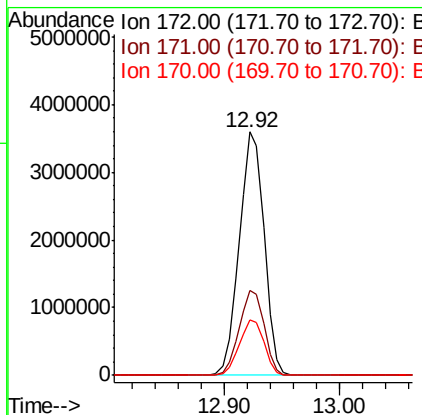
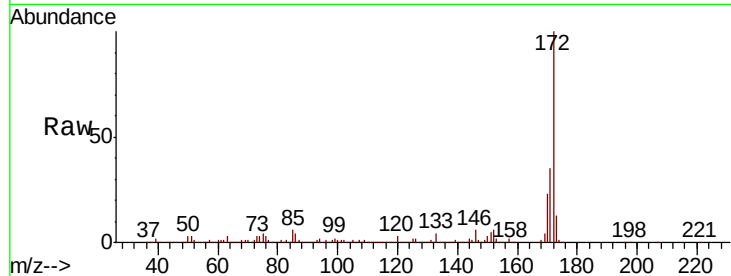




#45
2-Fluorobiphenyl
Concen: 77.295 ng
RT: 12.92 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

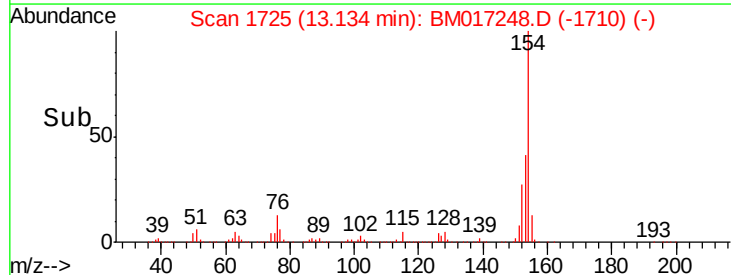
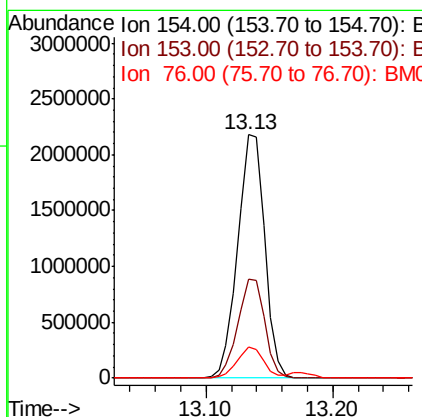
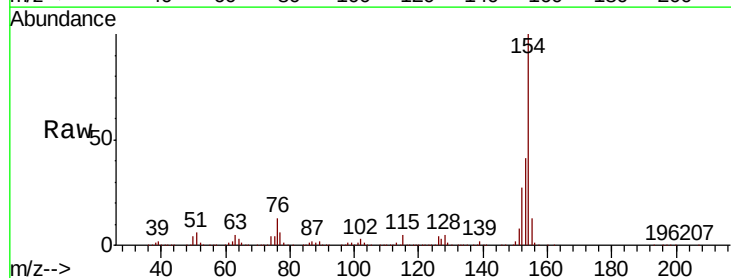
Instrument :
BNA_M
ClientSampleId :

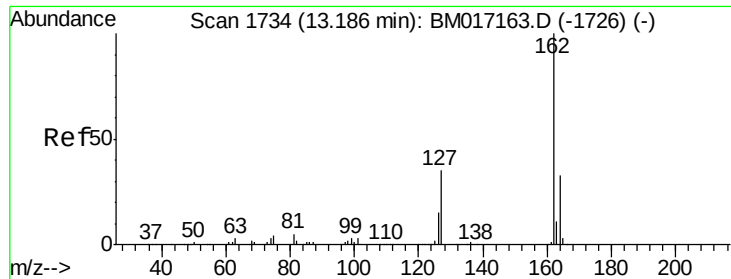
Tot Ion:172 Resp: 5352576
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 22.8 18.3 27.5



#46
1,1'-Biphenyl
Concen: 38.698 ng
RT: 13.13 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Tgt Ion:154 Resp: 3208651
Ion Ratio Lower Upper
154 100
153 40.6 20.5 60.5
76 12.5 0.0 31.8

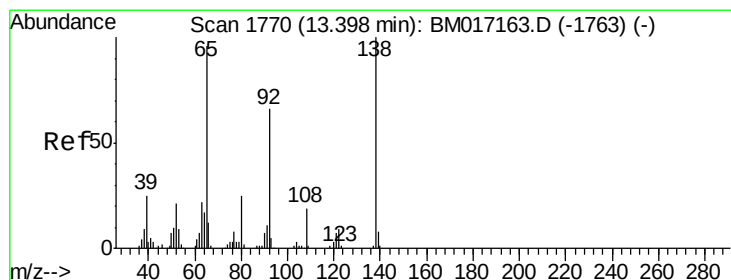
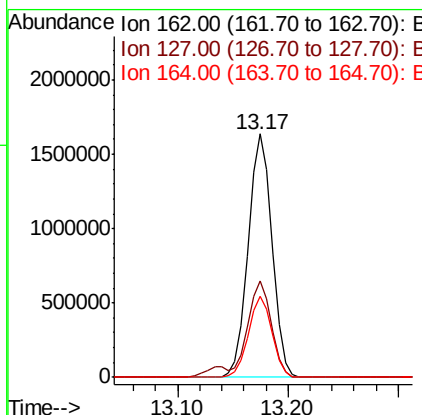
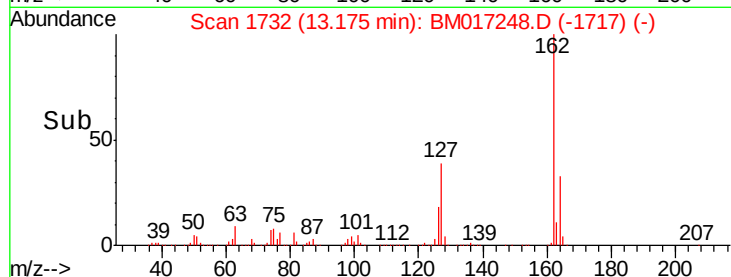
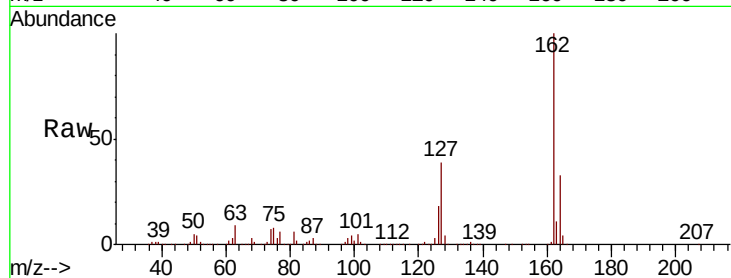




#47
2-Chloronaphthalene
Concen: 40.661 ng
RT: 13.17 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

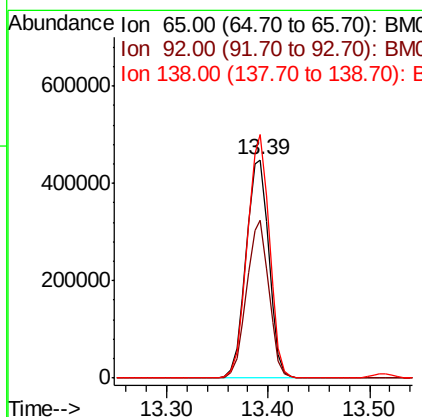
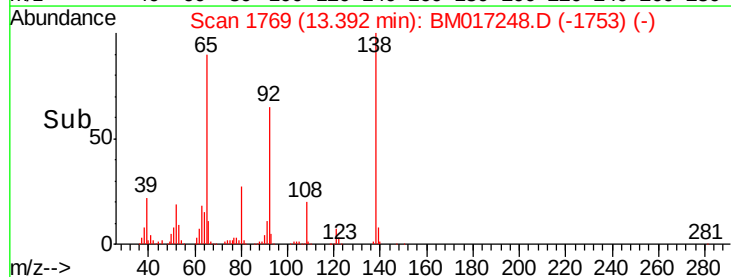
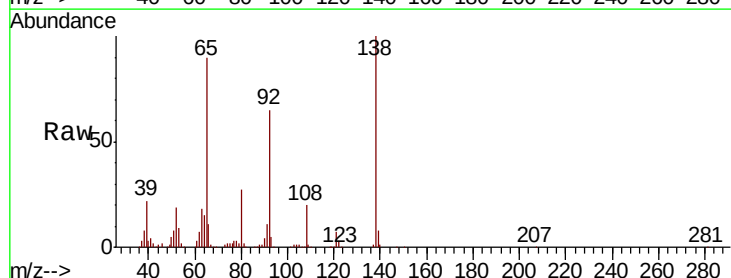
Instrument :
BNA_M
ClientSampled :

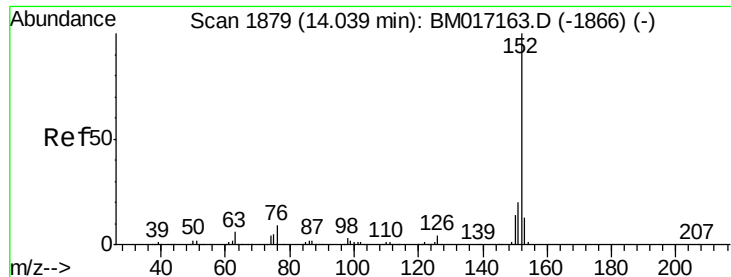
Tot Ion:162 Resp: 2480229
Ion Ratio Lower Upper
162 100
127 39.4 31.0 46.4
164 33.1 26.6 39.8



#48
2-Nitroaniline
Concen: 41.660 ng
RT: 13.39 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Tgt Ion: 65 Resp: 703232
Ion Ratio Lower Upper
65 100
92 72.1 54.9 82.3
138 111.4 83.7 125.5





#49

Acenaphthylene

Concen: 45.190 ng

RT: 14.03 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BM017248.D

Acq: 20 Oct 2018 03:36

Instrument :

BNA_M

ClientSampleId :

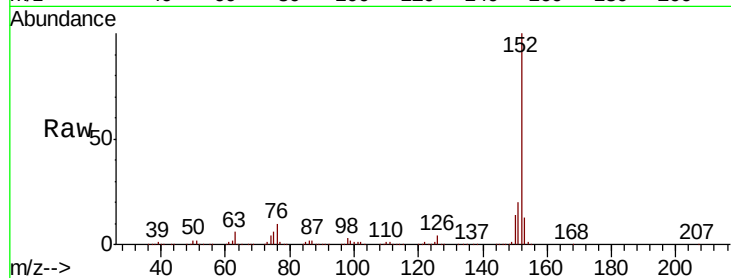
Tot Ion:152 Resp: 3995533

Ion Ratio Lower Upper

152 100

151 19.7 16.0 24.0

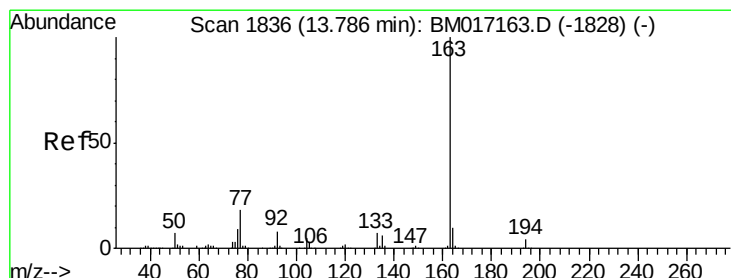
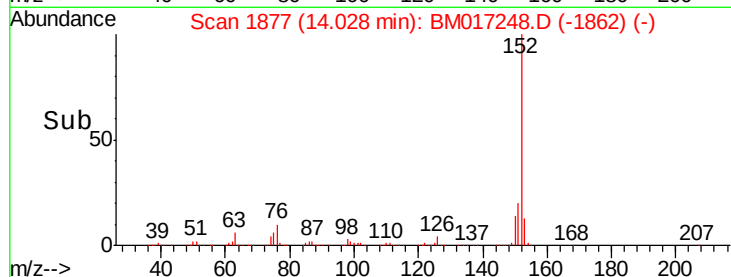
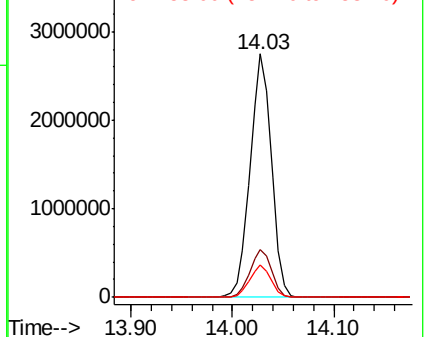
153 13.3 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.818 ng

RT: 13.78 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BM017248.D

Acq: 20 Oct 2018 03:36

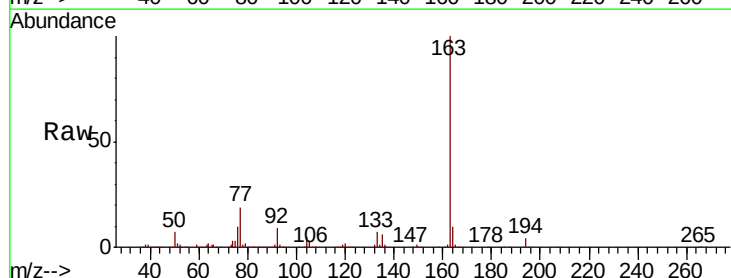
Tgt Ion:163 Resp: 2972601

Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

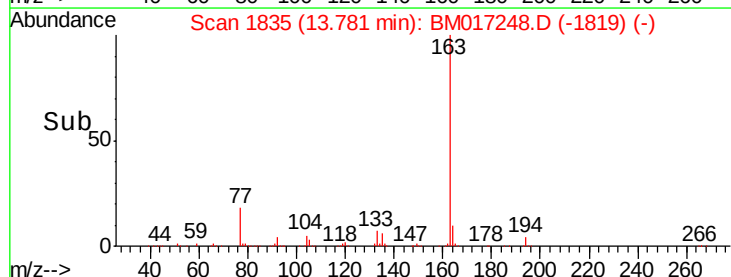
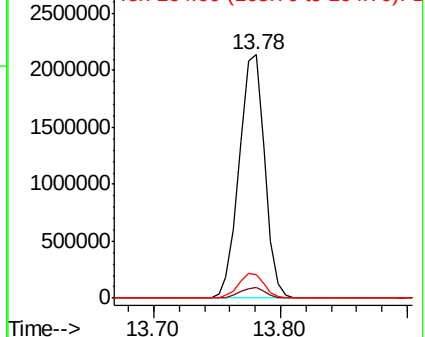
164 9.9 7.8 11.8

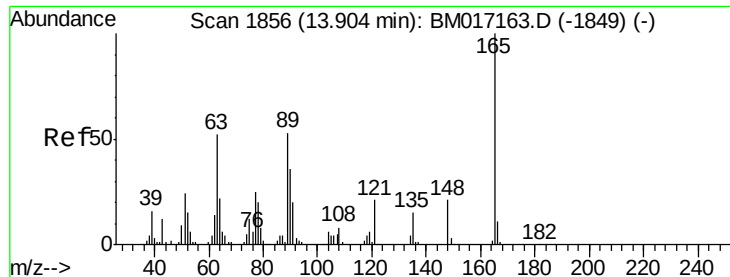


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

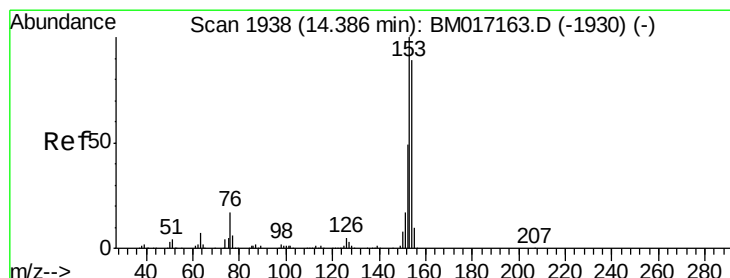
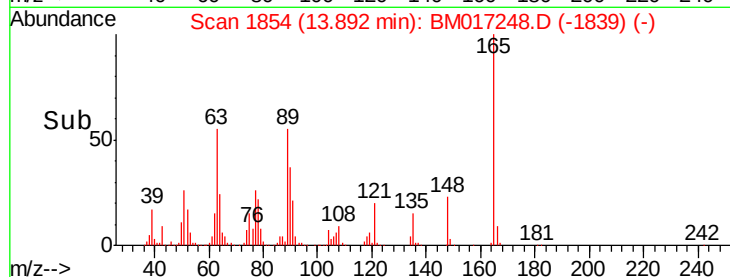
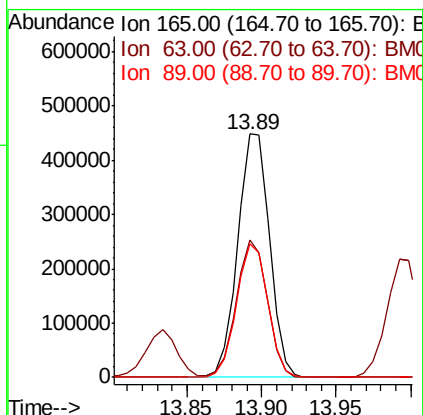
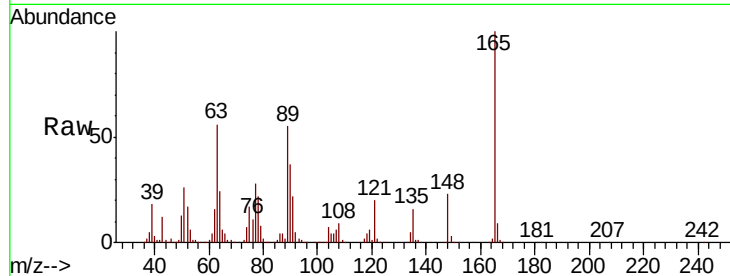




#51
2,6-Dinitrotoluene
Concen: 42.433 ng
RT: 13.89 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

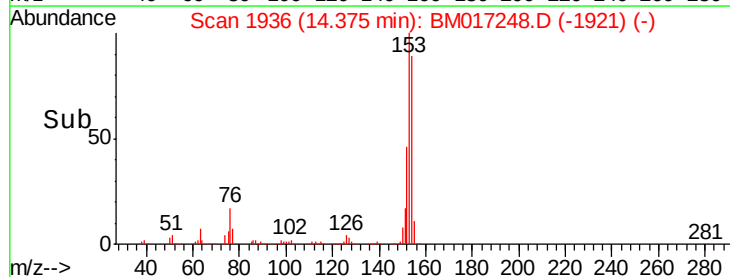
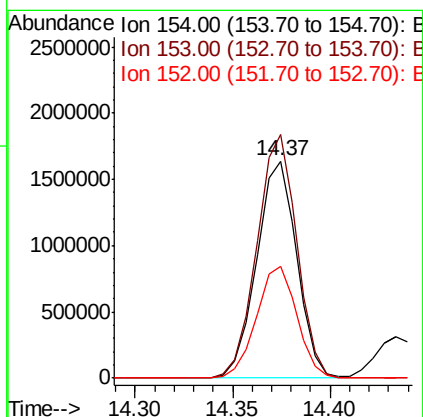
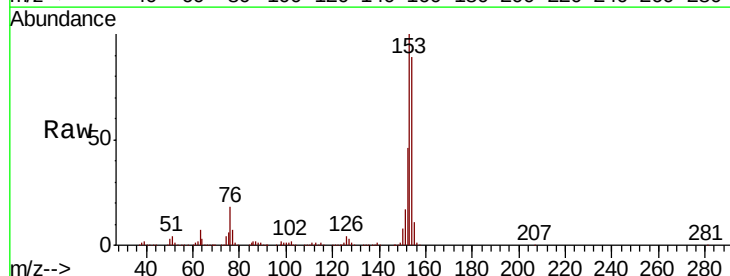
Instrument :
BNA_M
ClientSampleId :

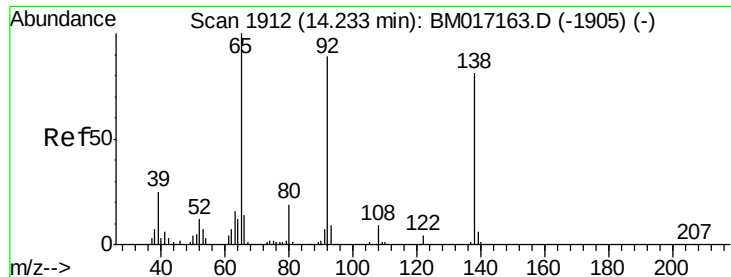
Tot Ion	Ratio	Lower	Upper
165	100		
63	56.2	42.7	64.1
89	54.9	42.1	63.1



#52
Acenaphthene
Concen: 41.921 ng
RT: 14.37 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.2	90.2	135.2
152	51.6	44.2	66.4

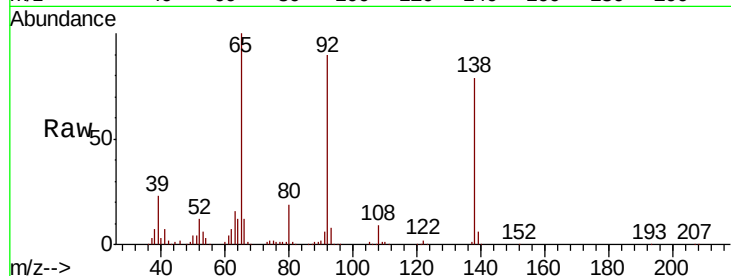




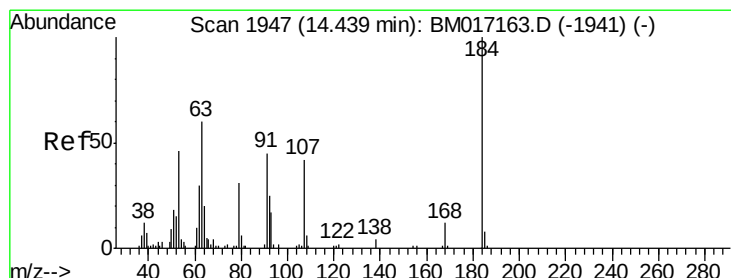
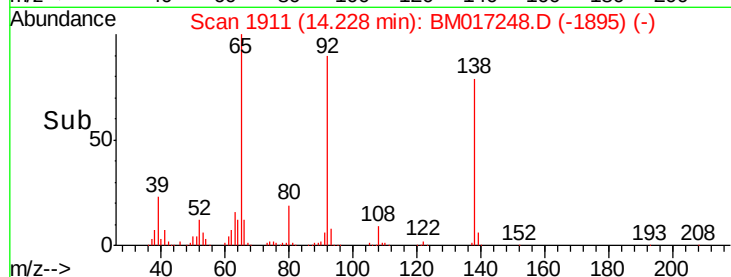
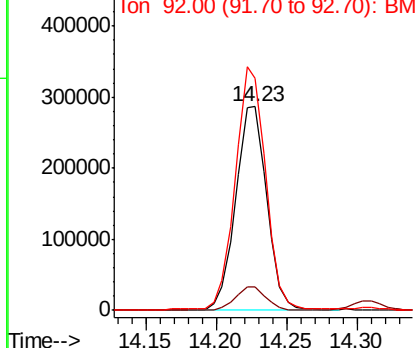
#53
3-Nitroaniline
Concen: 26.095 ng
RT: 14.23 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Instrument :
BNA_M
ClientSampleId :

Tot Ion:138 Resp: 442178
Ion Ratio Lower Upper
138 100
108 11.5 8.7 13.1
92 114.0 87.9 131.9

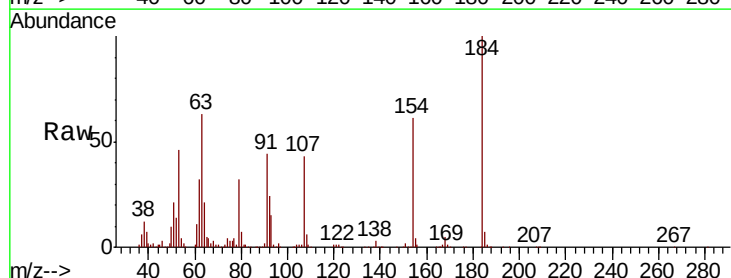


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

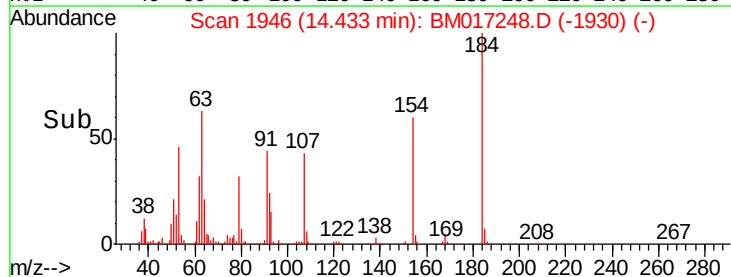
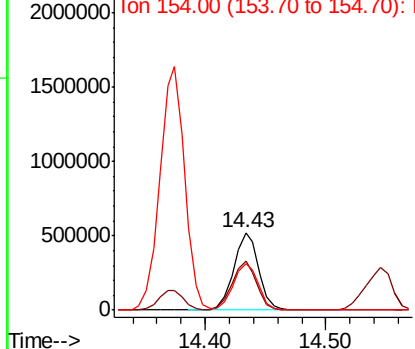


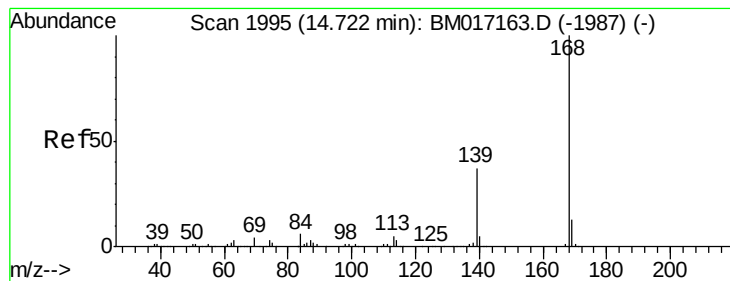
#54
2,4-Dinitrophenol
Concen: 80.625 ng
RT: 14.43 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Tgt Ion:184 Resp: 740677
Ion Ratio Lower Upper
184 100
63 63.1 51.2 76.8
154 60.7 47.8 71.8



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





#55

Dibenzofuran

Concen: 39.842 ng

RT: 14.71 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BM017248.D

Acq: 20 Oct 2018 03:36

Instrument :

BNA_M

ClientSampleId :

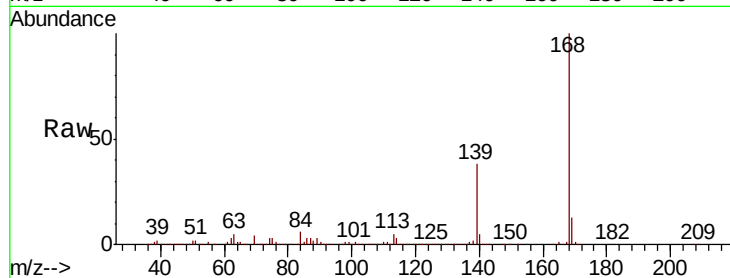
Tot Ion:168 Resp: 3678106

Ion Ratio Lower Upper

168 100

139 37.6 29.3 43.9

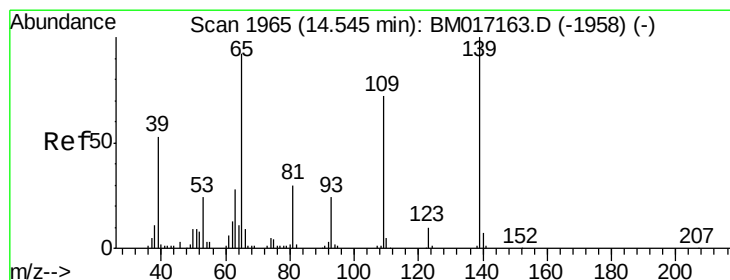
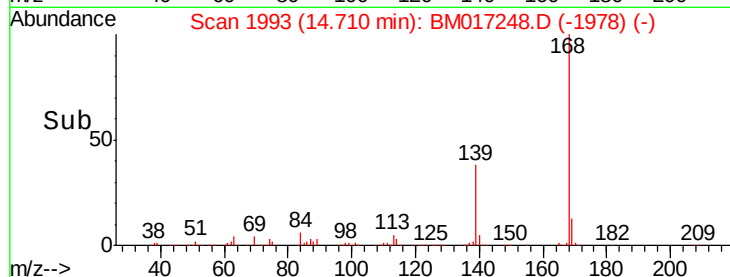
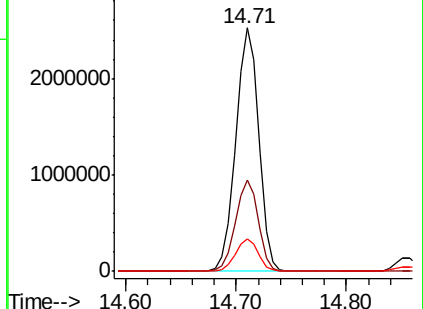
169 13.3 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 97.929 ng

RT: 14.55 min Scan# 1965

Delta R.T. 0.00 min

Lab File: BM017248.D

Acq: 20 Oct 2018 03:36

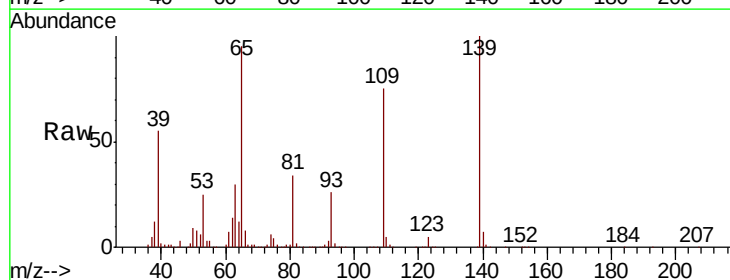
Tgt Ion:139 Resp: 1529704

Ion Ratio Lower Upper

139 100

109 75.0 51.8 91.8

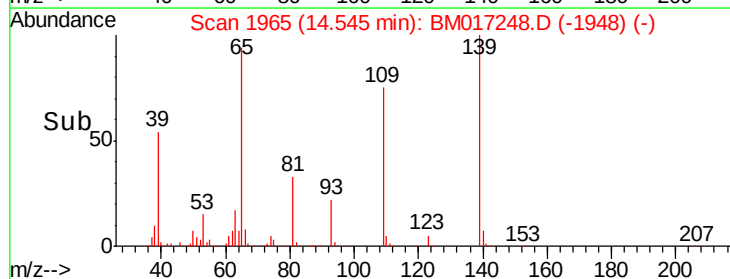
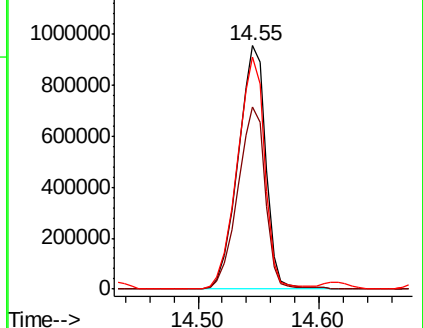
65 95.1 72.1 112.1

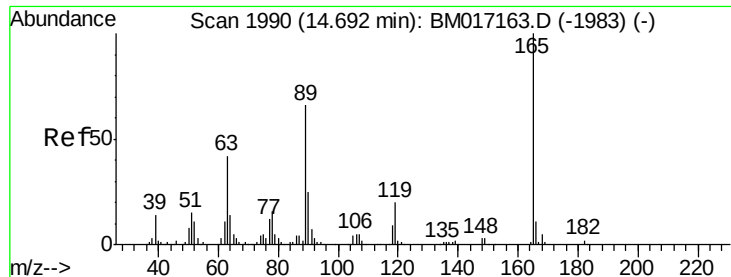


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

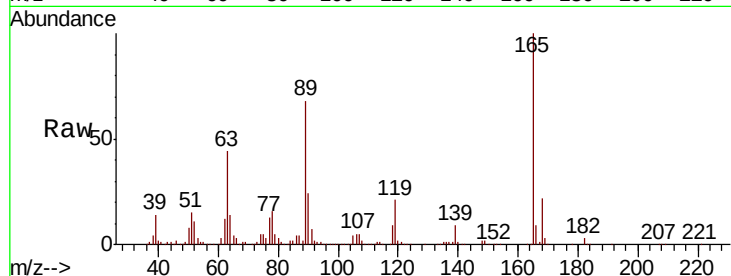




#57
2,4-Dinitrotoluene
Concen: 43.076 ng
RT: 14.69 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.6	33.8	50.8
89	68.0	53.1	79.7
182	2.9	2.0	3.0



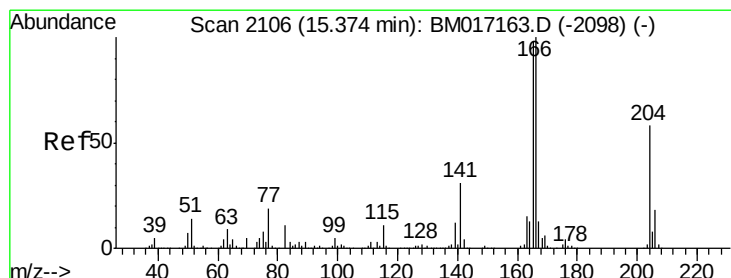
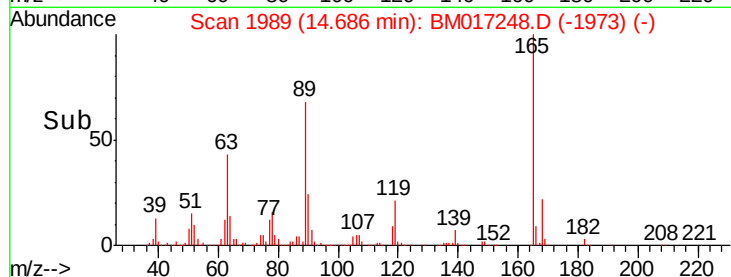
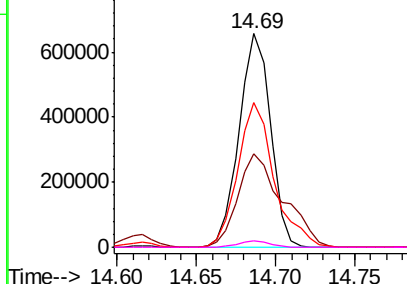
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

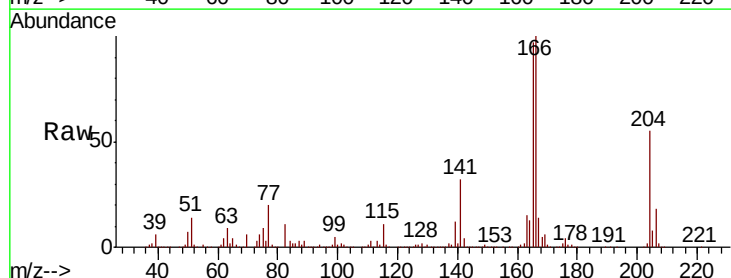
Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 42.922 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.9	78.1	117.1
167	13.6	10.6	16.0

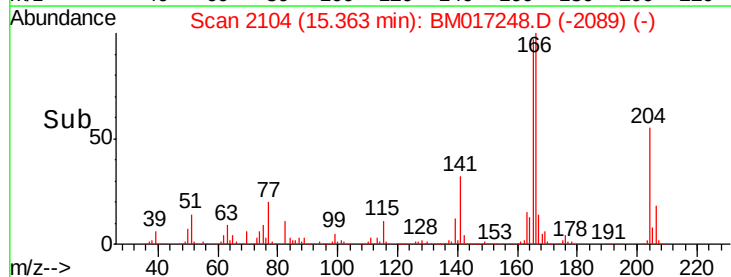
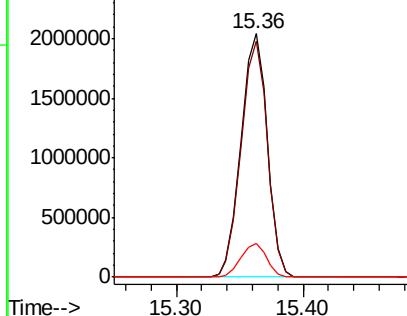


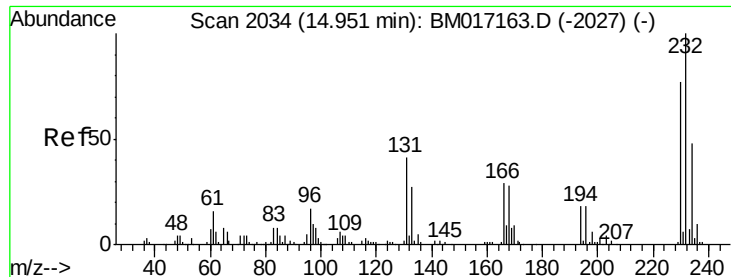
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

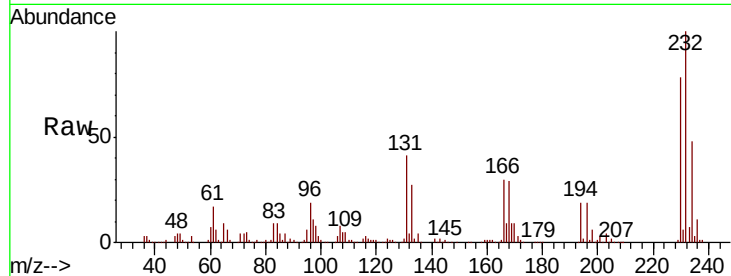




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.024 ng
 RT: 14.94 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BM017248.D
 Acq: 20 Oct 2018 03:36

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.4	33.1	49.7
130	2.4	1.7	2.5
166	31.2	24.4	36.6



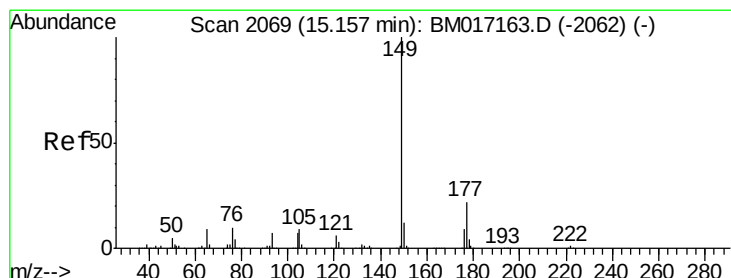
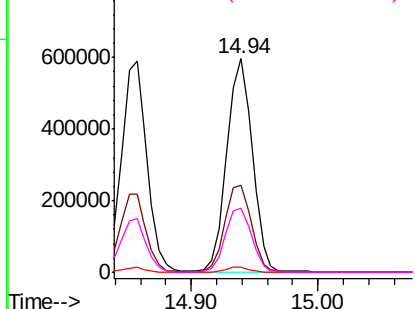
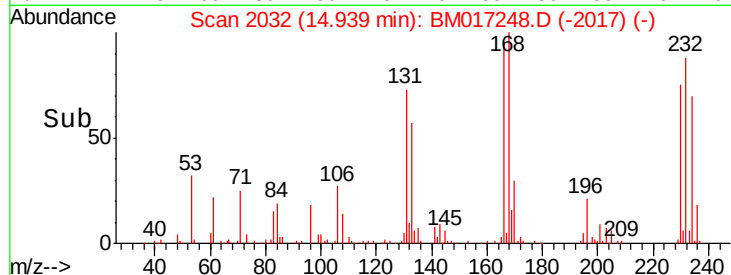
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

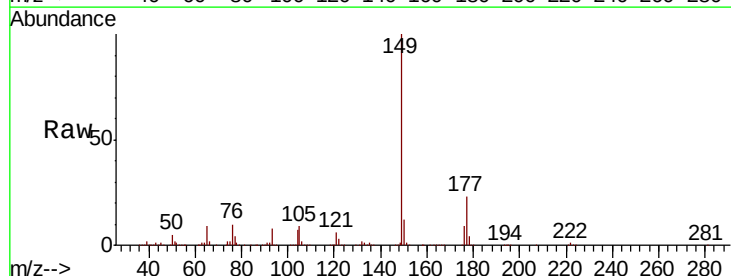
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 41.910 ng
 RT: 15.15 min Scan# 2068
 Delta R.T. -0.01 min
 Lab File: BM017248.D
 Acq: 20 Oct 2018 03:36

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	17.7	26.5
150	12.5	10.0	15.0

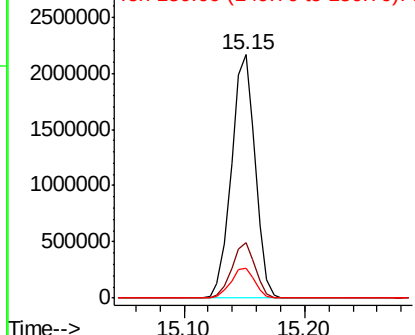
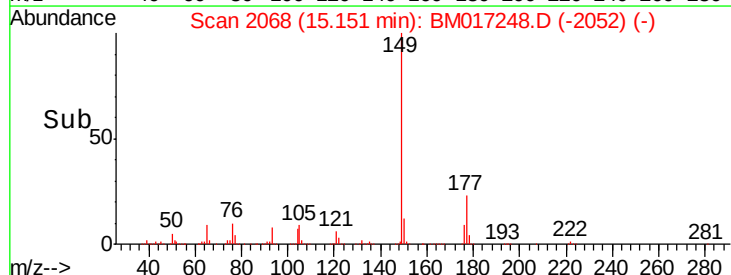


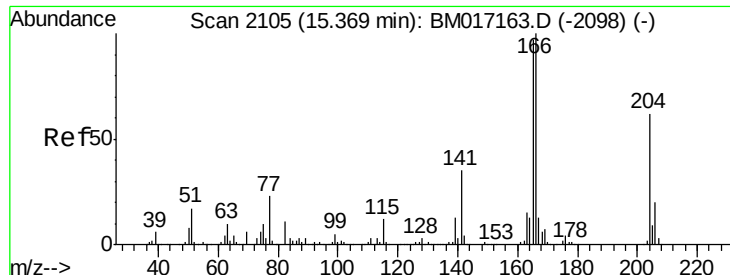
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

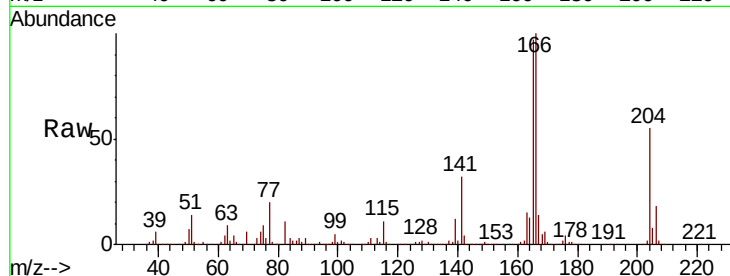




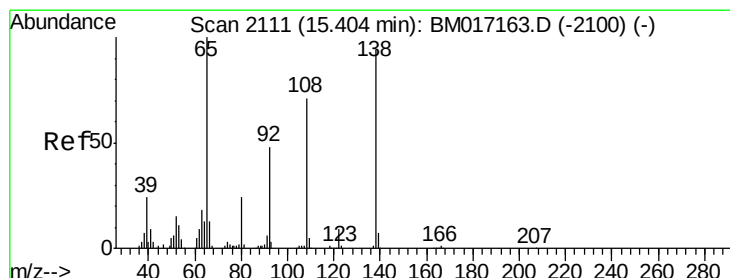
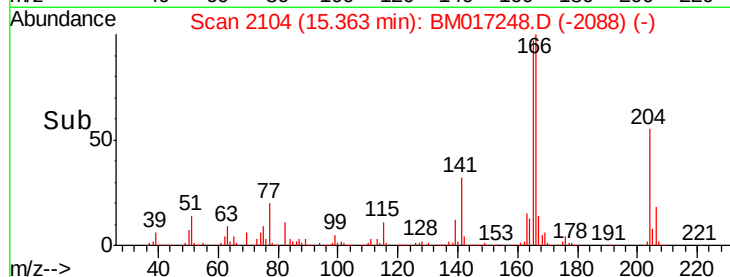
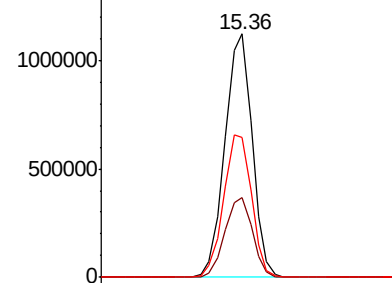
#61
4-Chlorophenyl-phenylether
Concen: 38.681 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Instrument :
BNA_M
ClientSampled :

Tot Ion:204 Resp: 1506853
Ion Ratio Lower Upper
204 100
206 32.9 26.1 39.1
141 57.6 45.4 68.2

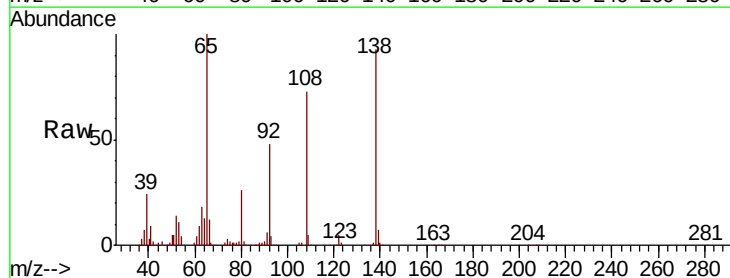


Abundance Ion 204.00 (203.70 to 204.70): E
1500000 Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

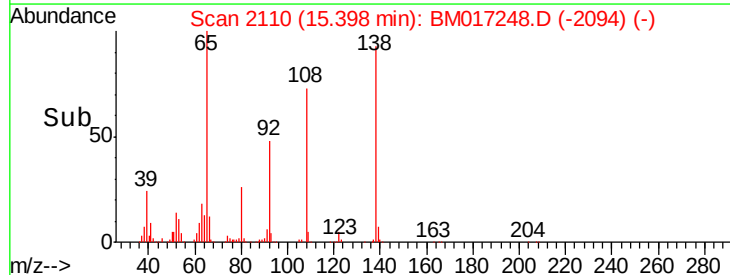
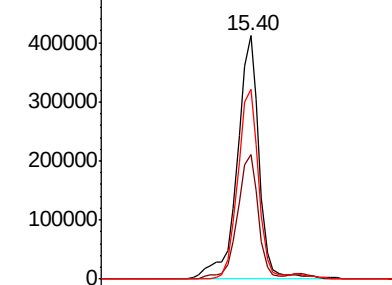


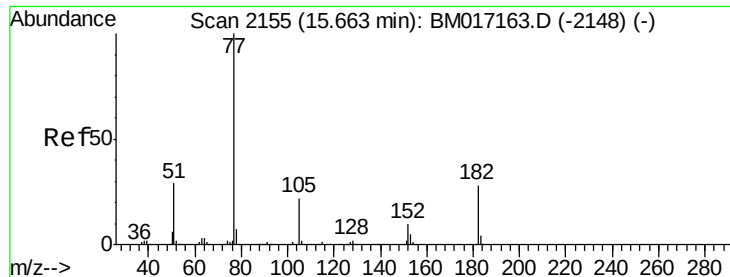
#62
4-Nitroaniline
Concen: 35.724 ng
RT: 15.40 min Scan# 2110
Delta R.T. -0.00 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Tgt Ion:138 Resp: 650030
Ion Ratio Lower Upper
138 100
92 51.1 31.2 71.2
108 78.1 55.5 95.5



Abundance Ion 138.00 (137.70 to 138.70): E
500000 Ion 92.00 (91.70 to 92.70): BM
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 41.078 ng

RT: 15.66 min Scan# 2154

Delta R.T. -0.01 min

Lab File: BM017248.D

Acq: 20 Oct 2018 03:36

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 2814666

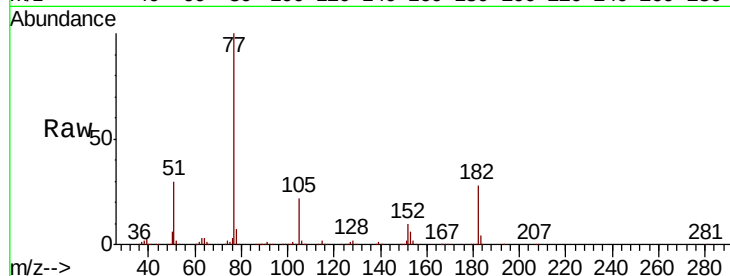
Ion	Ratio	Lower	Upper
77	100		
182	28.4	8.3	48.3
105	21.9	1.5	41.5
51	29.8	8.8	48.8

77 100

182 28.4 8.3 48.3

105 21.9 1.5 41.5

51 29.8 8.8 48.8



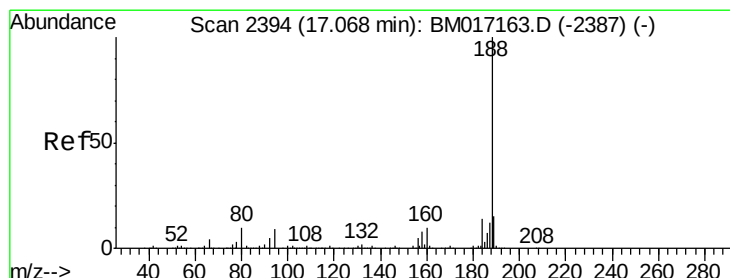
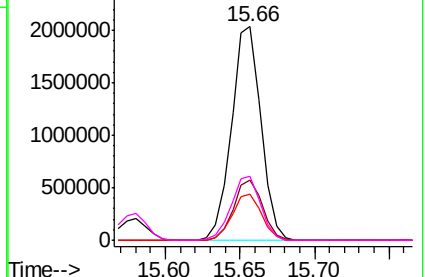
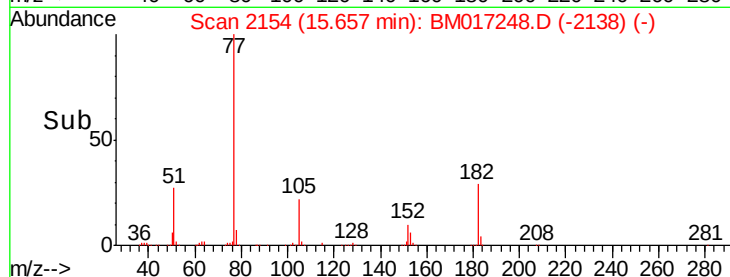
Abundance Ion 77.00 (76.70 to 77.70): BM017163.D (-2148) (-)

Ion 182.00 (181.70 to 182.70): BM017163.D (-2148) (-)

Ion 105.00 (104.70 to 105.70): BM017163.D (-2148) (-)

Ion 51.00 (50.70 to 51.70): BM017163.D (-2148) (-)

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2392

Delta R.T. -0.01 min

Lab File: BM017248.D

Acq: 20 Oct 2018 03:36

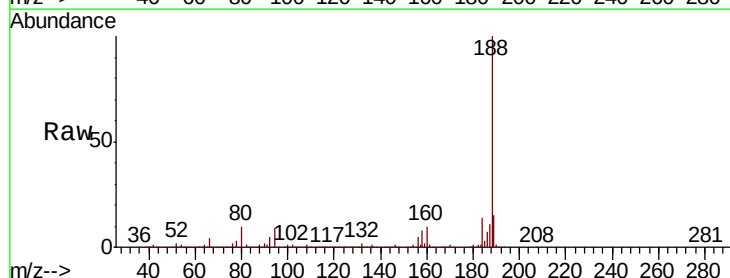
Tgt Ion: 188 Resp: 1918845

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.0	10.4
80	9.8	7.7	11.5

188 100

94 9.0 7.0 10.4

80 9.8 7.7 11.5

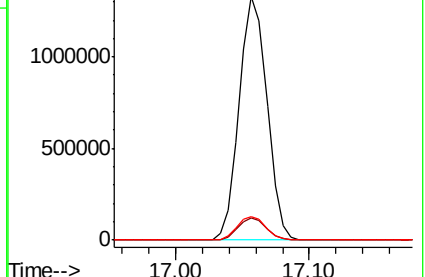
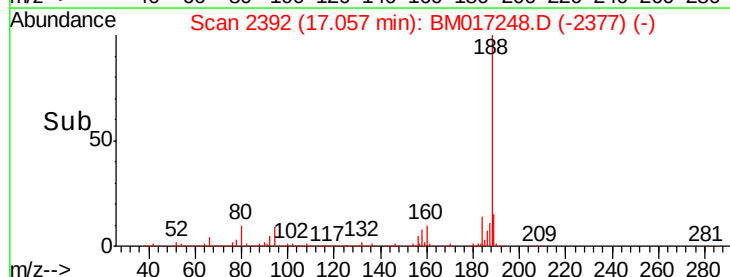


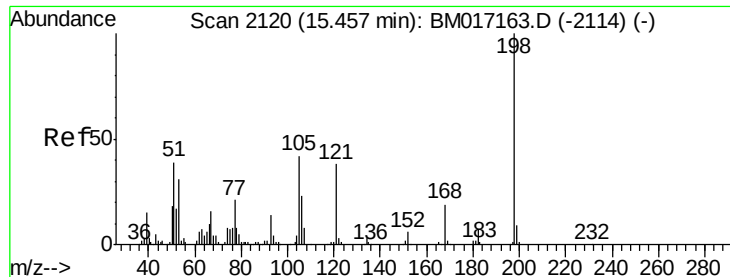
Abundance Ion 188.00 (187.70 to 188.70): BM017163.D (-2387) (-)

Ion 94.00 (93.70 to 94.70): BM017163.D (-2387) (-)

Ion 80.00 (79.70 to 80.70): BM017163.D (-2387) (-)

Time-->

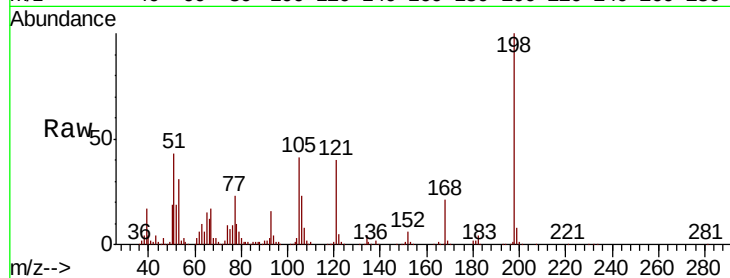




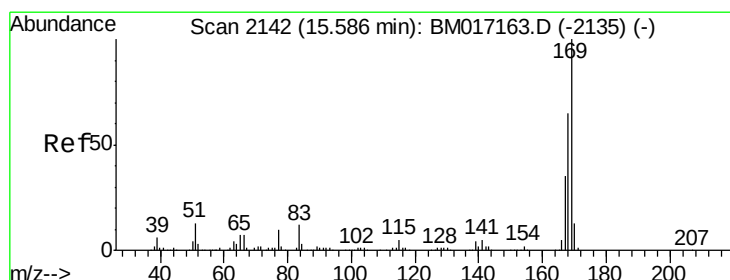
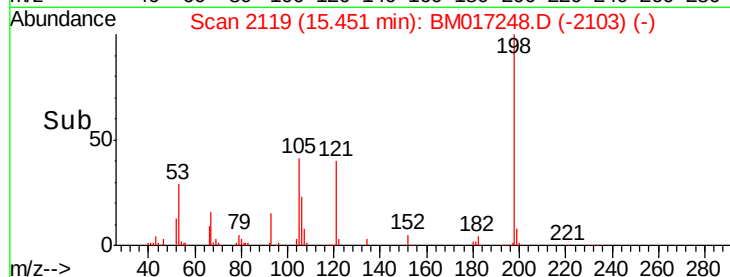
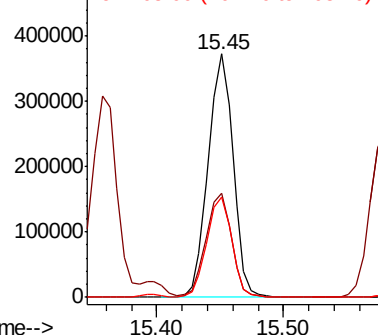
#65
4,6-Dinitro-2-methylphenol
Concen: 42.165 ng
RT: 15.45 min Scan# 2119
Delta R.T. -0.00 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Instrument :
BNA_M
ClientSampled :

Tot Ion:198 Resp: 507278
Ion Ratio Lower Upper
198 100
51 43.0 20.3 60.3
105 41.1 21.9 61.9

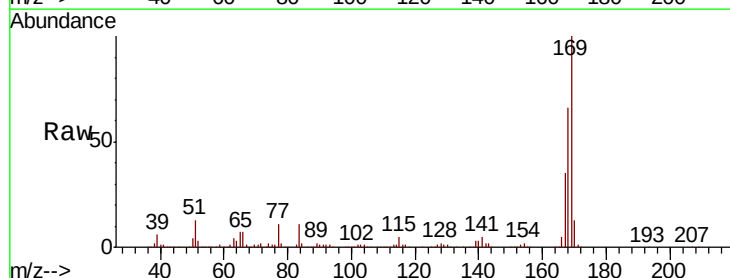


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BM
Ion 105.00 (104.70 to 105.70): E

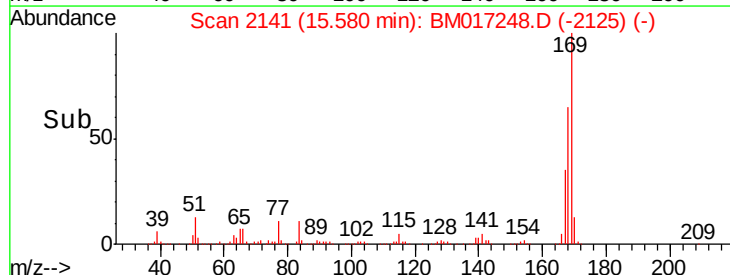
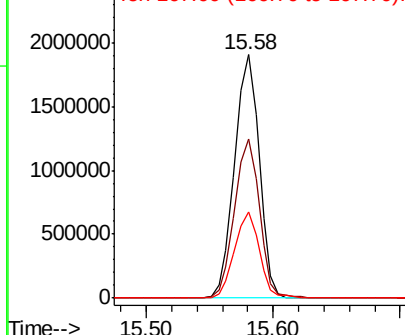


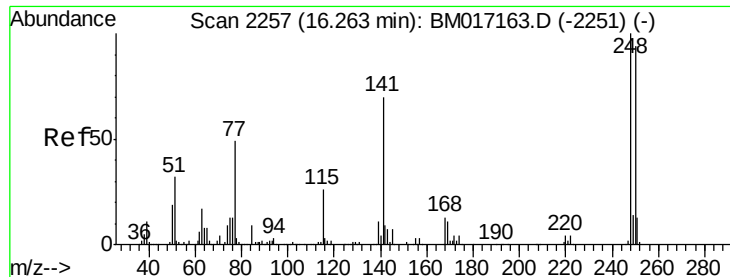
#66
n-Nitrosodiphenylamine
Concen: 44.152 ng
RT: 15.58 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Tgt Ion:169 Resp: 2563199
Ion Ratio Lower Upper
169 100
168 65.5 52.2 78.4
167 35.3 28.4 42.6



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

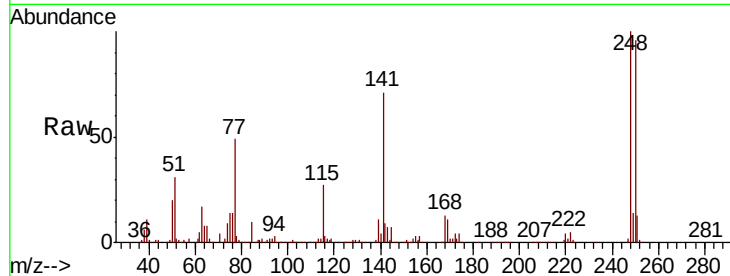




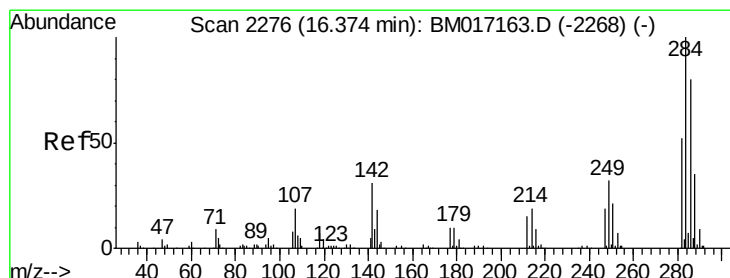
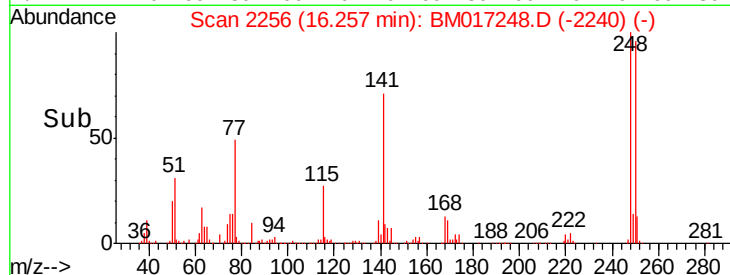
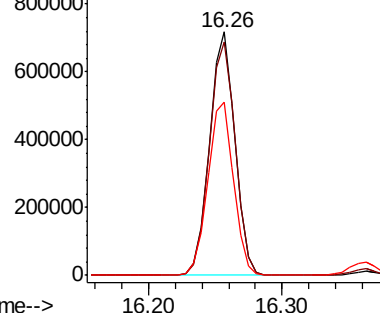
#67
4-Bromophenyl-phenylether
Concen: 44.695 ng
RT: 16.26 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Instrument :
BNA_M
ClientSampled :

Tot Ion:248 Resp: 941673
Ion Ratio Lower Upper
248 100
250 96.0 75.1 112.7
141 70.9 55.6 83.4

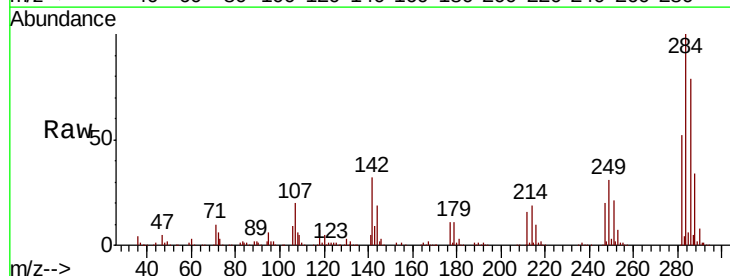


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

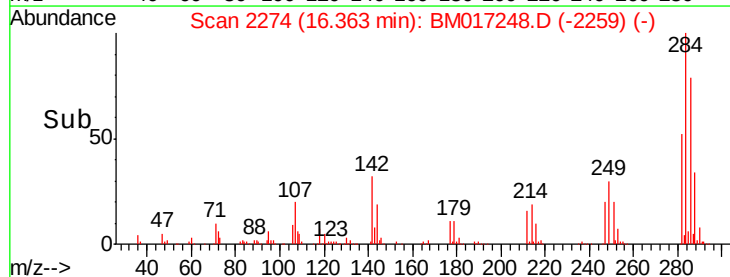
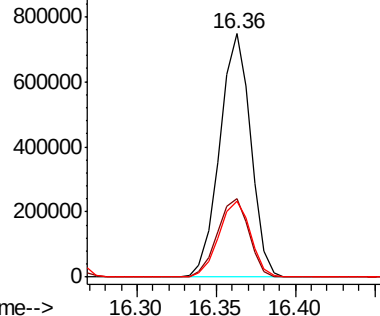


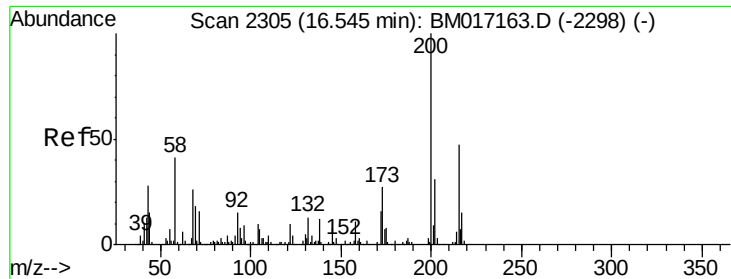
#68
Hexachlorobenzene
Concen: 41.560 ng
RT: 16.36 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Tgt Ion:284 Resp: 1017135
Ion Ratio Lower Upper
284 100
142 32.1 25.0 37.6
249 31.1 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

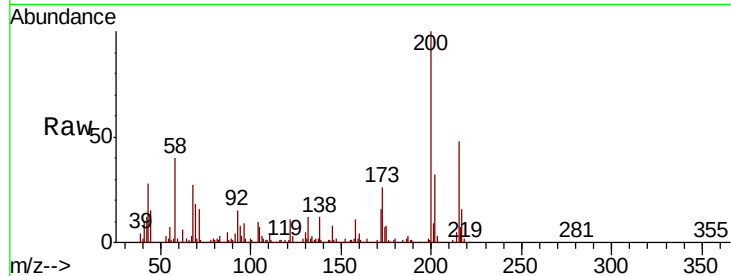




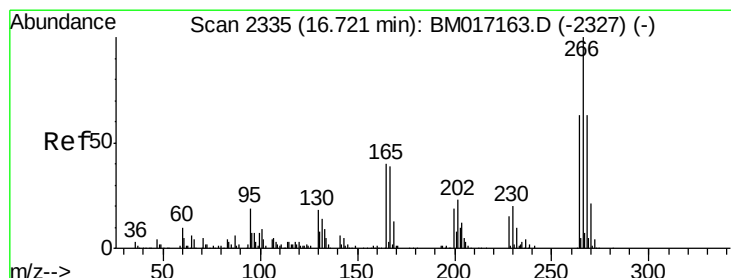
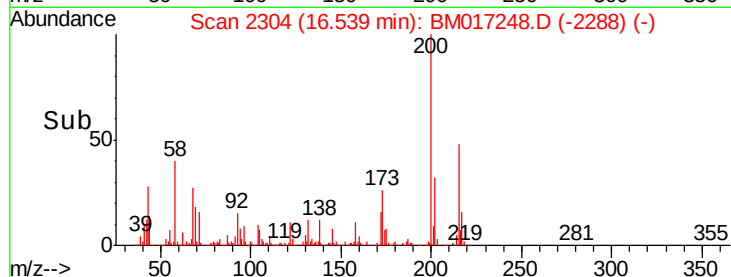
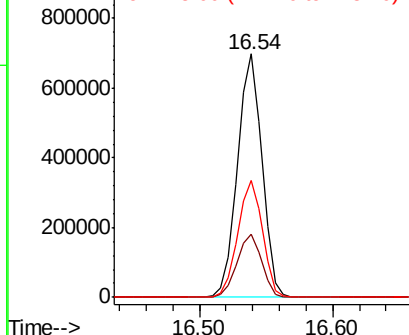
#69
Atrazine
Concen: 42.859 ng
RT: 16.54 min Scan# 2304
Delta R.T. -0.00 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.8	7.0	47.0
215	47.8	27.3	67.3

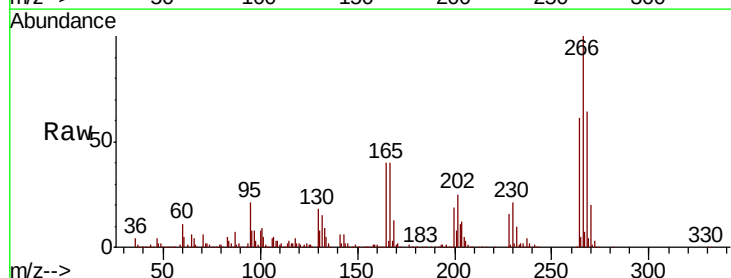


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

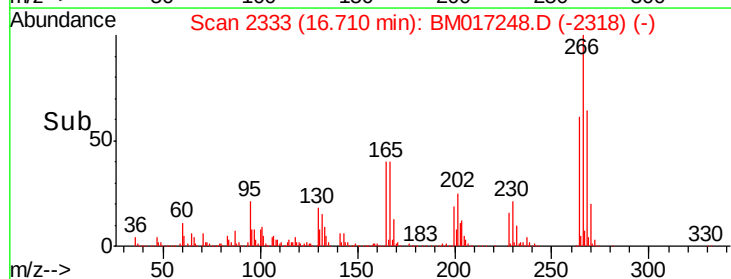
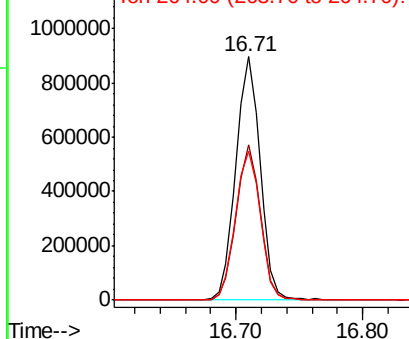


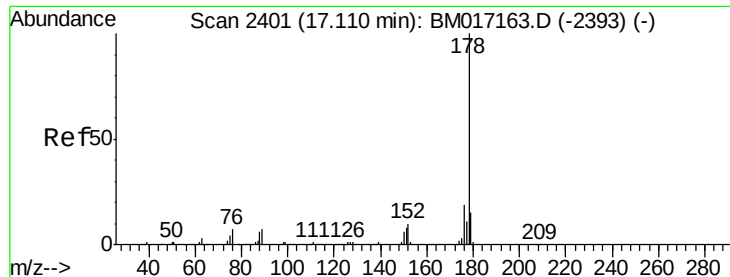
#70
Pentachlorophenol
Concen: 70.942 ng
RT: 16.71 min Scan# 2333
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	50.7	76.1
264	61.4	50.4	75.6



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

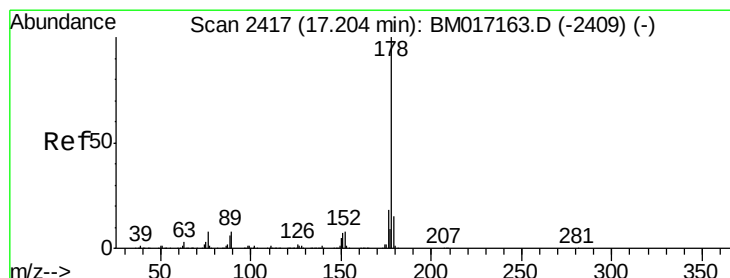
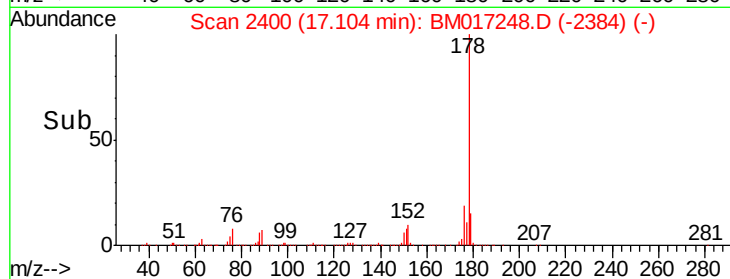
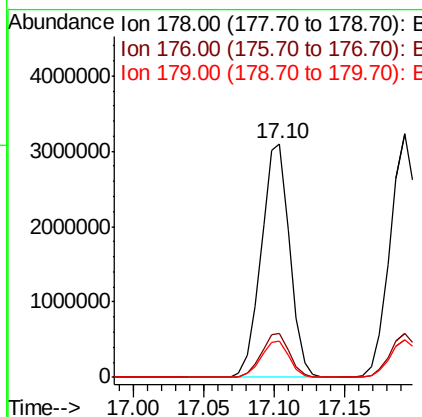
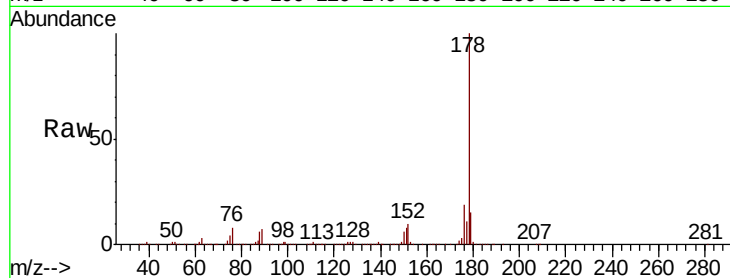




#71
Phenanthrene
Concen: 42.380 ng
RT: 17.10 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

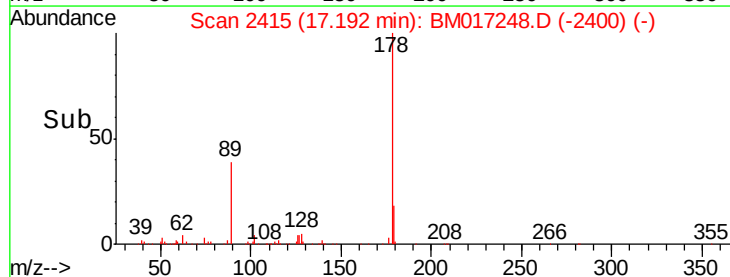
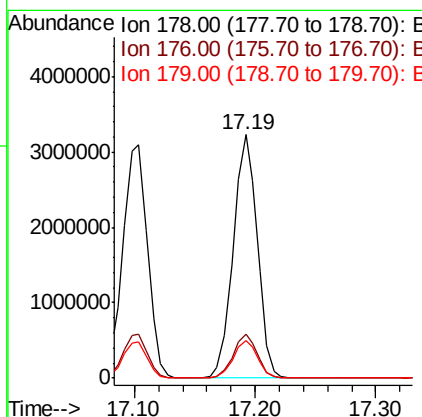
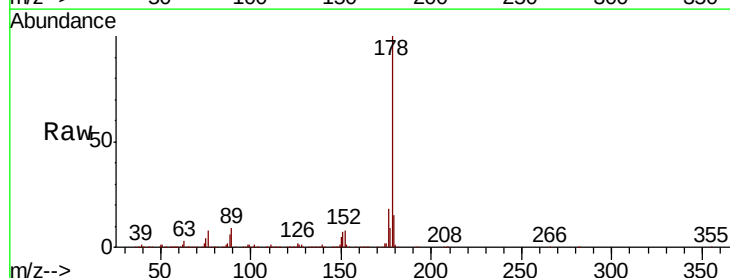
Instrument :
BNA_M
ClientSampleId :

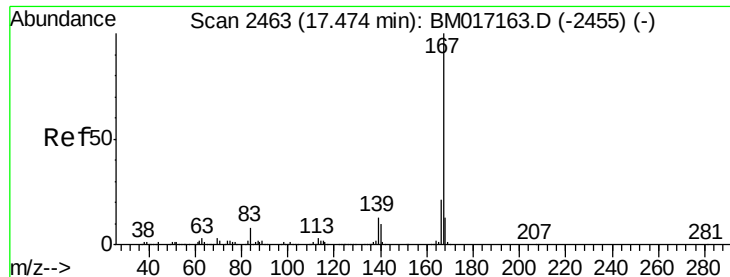
Tot Ion:178 Resp: 4387487
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.6
179 15.4 12.3 18.5



#72
Anthracene
Concen: 45.584 ng
RT: 17.19 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Tgt Ion:178 Resp: 4484107
Ion Ratio Lower Upper
178 100
176 18.1 14.5 21.7
179 15.5 12.2 18.2

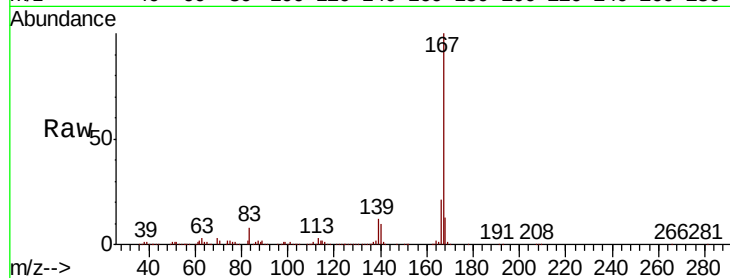




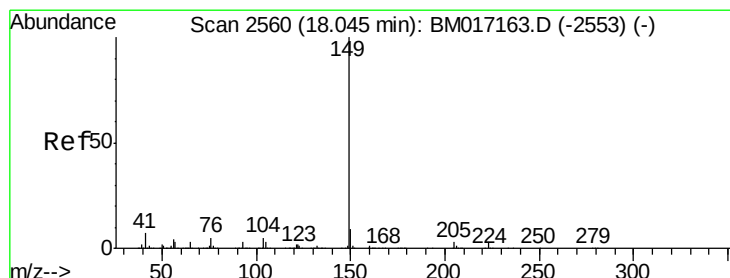
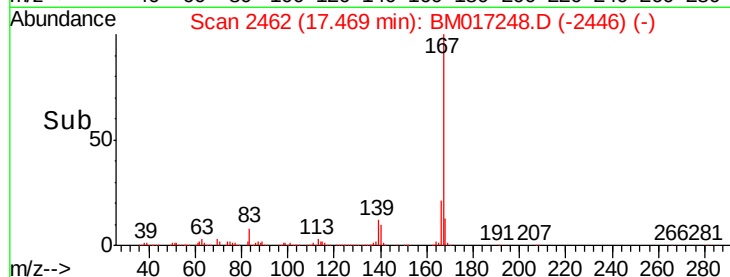
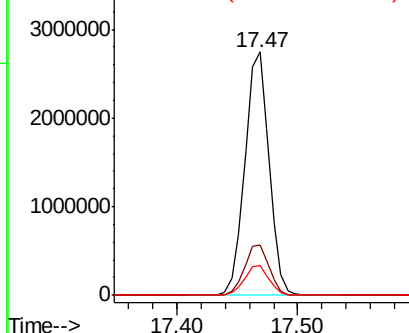
#73
 Carbazole
 Concen: 38.317 ng
 RT: 17.47 min Scan# 2462
 Delta R.T. -0.01 min
 Lab File: BM017248.D
 Acq: 20 Oct 2018 03:36

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 3850339
 Ion Ratio Lower Upper
 167 100
 166 20.8 17.1 25.7
 139 12.4 10.1 15.1

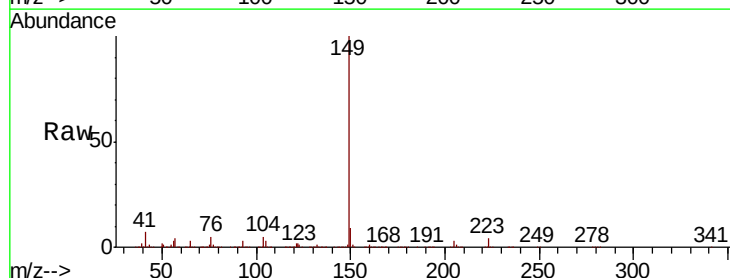


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

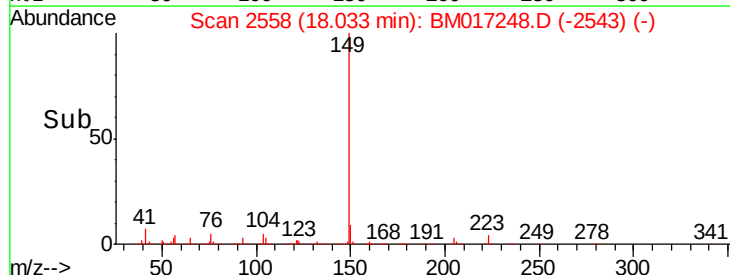
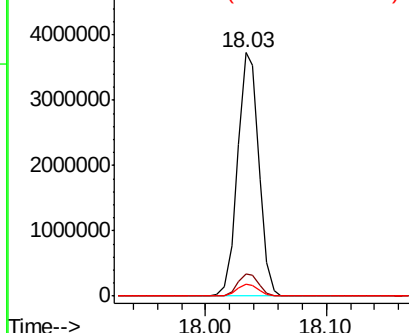


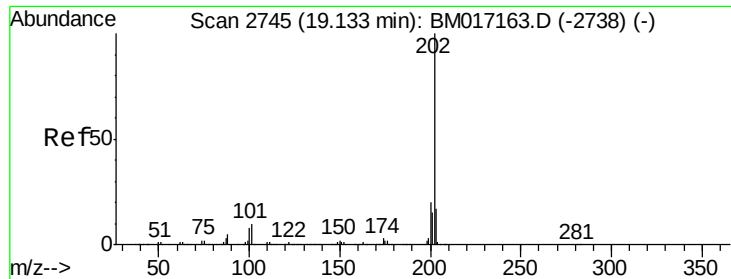
#74
 Di-n-butylphthalate
 Concen: 43.173 ng
 RT: 18.03 min Scan# 2558
 Delta R.T. -0.01 min
 Lab File: BM017248.D
 Acq: 20 Oct 2018 03:36

Tgt Ion:149 Resp: 4575635
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 5.2 4.3 6.5



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





#75

Fluoranthene

Concen: 39.989 ng

RT: 19.12 min Scan# 2743

Delta R.T. -0.01 min

Lab File: BM017248.D

Acq: 20 Oct 2018 03:36

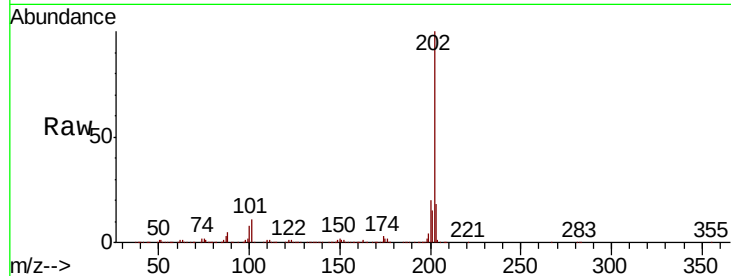
Instrument :

BNA_M

ClientSampled :

Tot Ion:202 Resp: 4658610

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	30.0
203	17.6	0.0	37.2

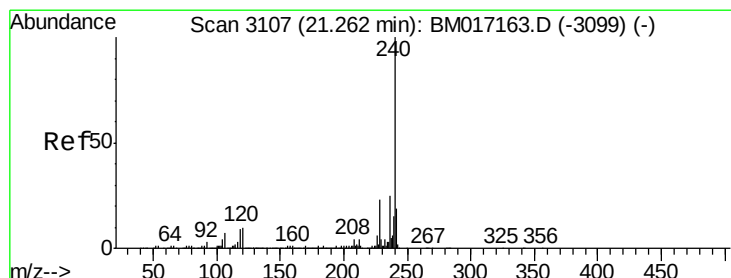
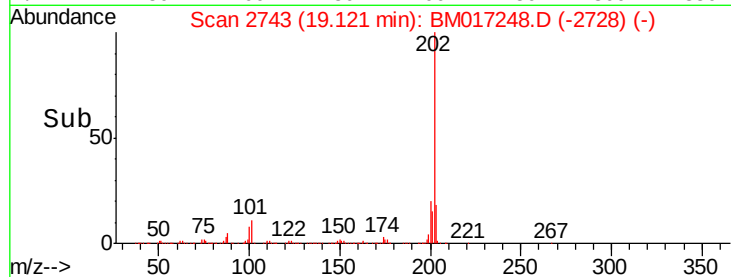
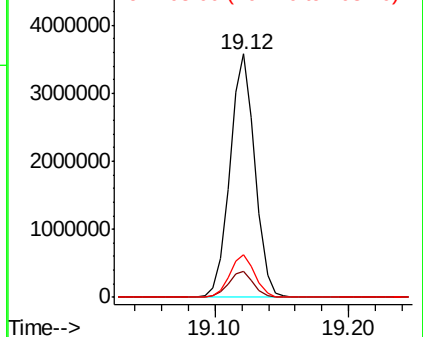


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.25 min Scan# 3105

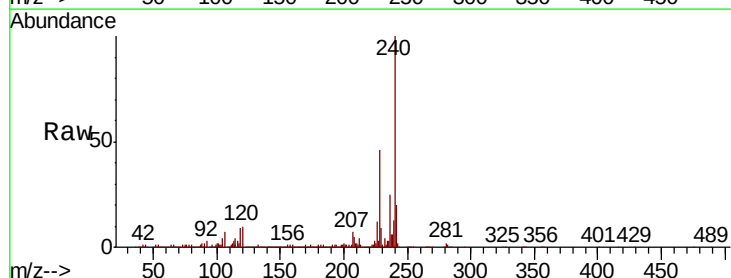
Delta R.T. -0.01 min

Lab File: BM017248.D

Acq: 20 Oct 2018 03:36

Tgt Ion:240 Resp: 1603505

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.1	12.1
236	25.0	19.9	29.9

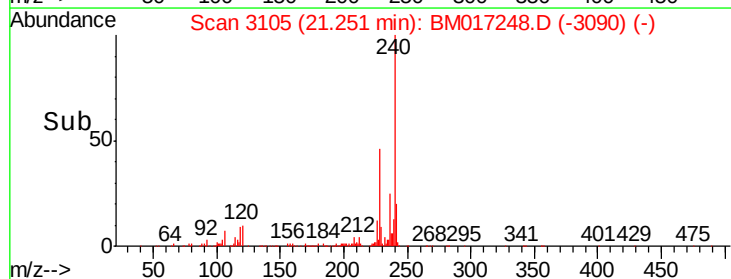
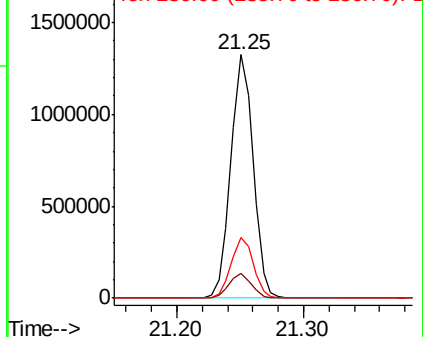


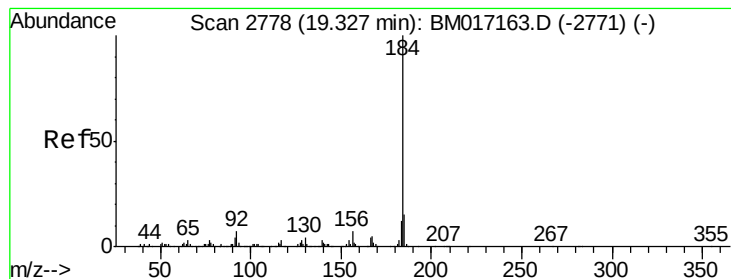
Abundance

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: 56.980 ng

RT: 19.32 min Scan# 2776

Delta R.T. -0.01 min

Lab File: BM017248.D

Acq: 20 Oct 2018 03:36

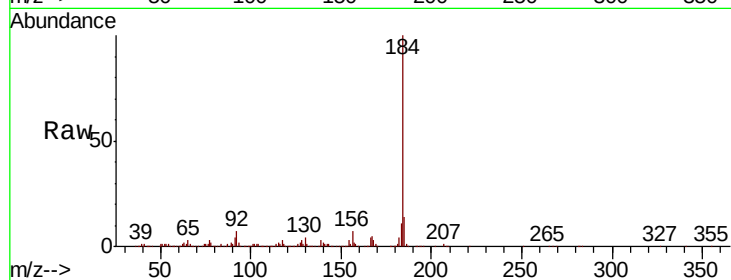
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 2316780

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.8	17.8
183	11.5	9.7	14.5

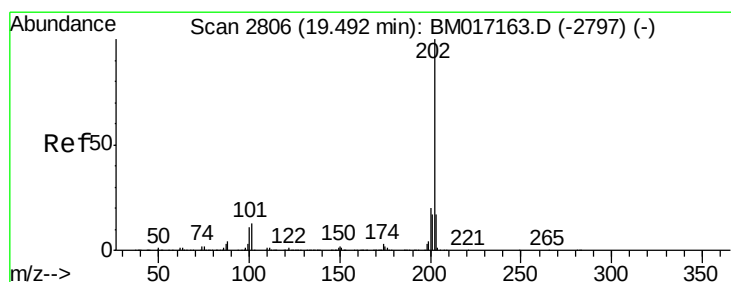
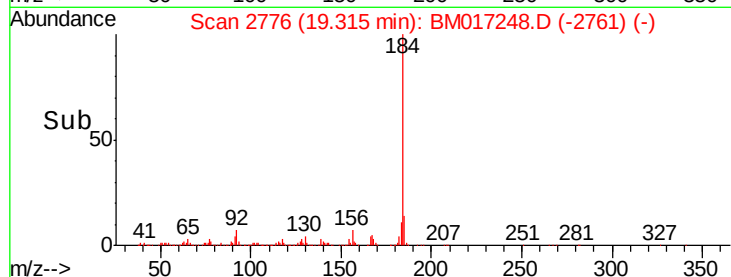
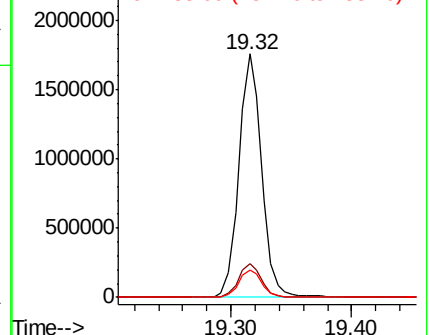


Abundance

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: 52.007 ng

RT: 19.49 min Scan# 2805

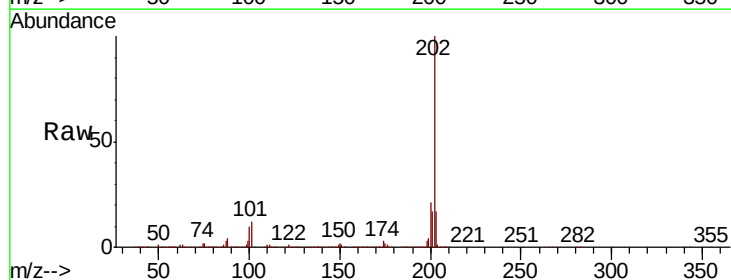
Delta R.T. -0.01 min

Lab File: BM017248.D

Acq: 20 Oct 2018 03:36

Tgt Ion:202 Resp: 4660893

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.3	24.5
203	17.5	13.9	20.9

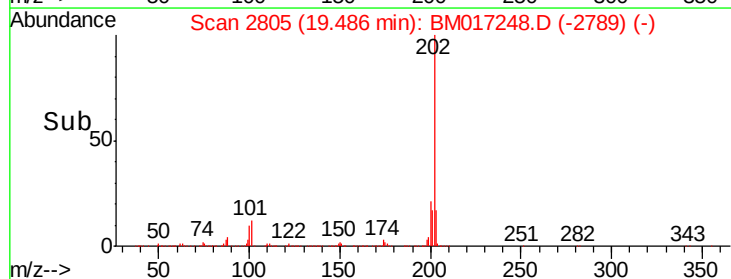
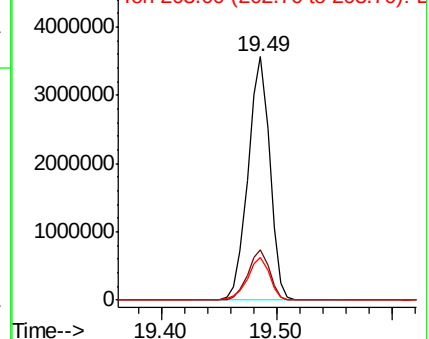


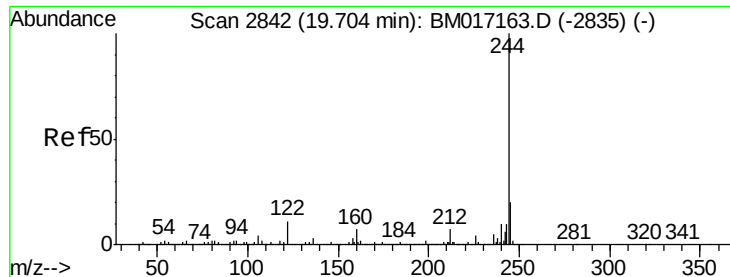
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

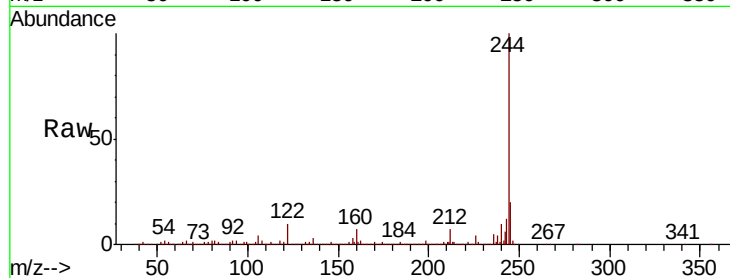




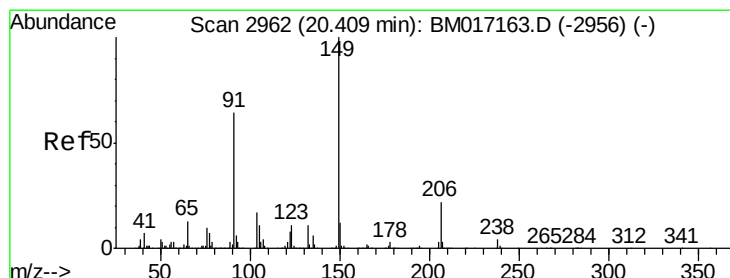
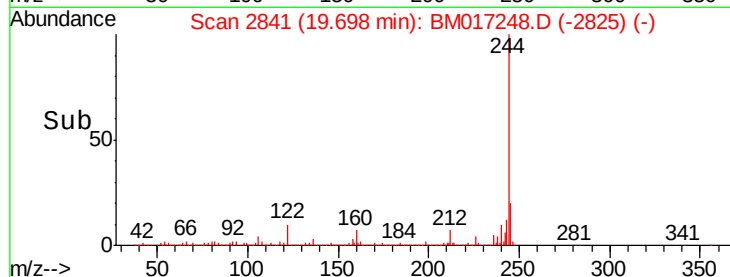
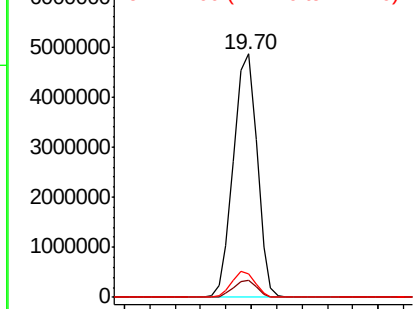
#79
 Terphenyl-d14
 Concen: 88.360 ng
 RT: 19.70 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BM017248.D
 Acq: 20 Oct 2018 03:36

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 6285985
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 9.9 8.4 12.6

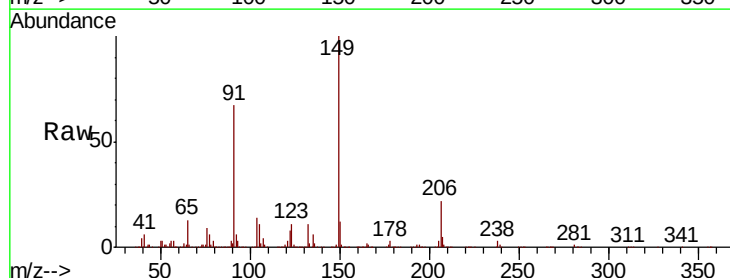


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

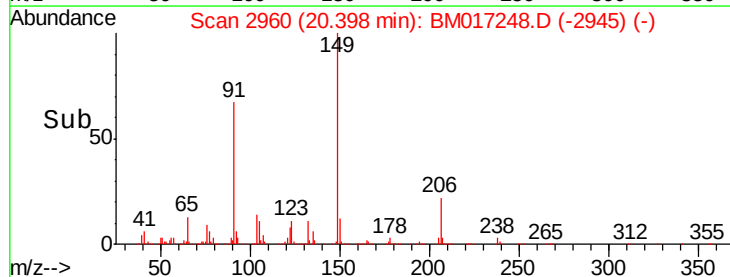
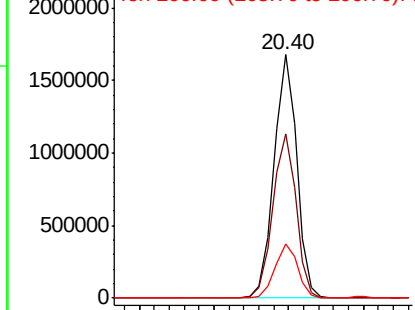


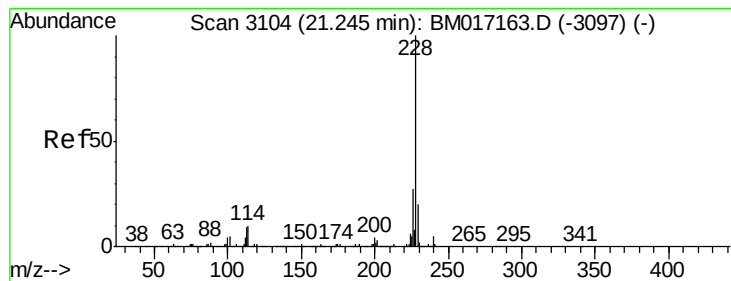
#80
 Butylbenzylphthalate
 Concen: 51.718 ng
 RT: 20.40 min Scan# 2960
 Delta R.T. -0.01 min
 Lab File: BM017248.D
 Acq: 20 Oct 2018 03:36

Tgt Ion:149 Resp: 1786055
 Ion Ratio Lower Upper
 149 100
 91 67.5 51.3 76.9
 206 22.4 18.0 27.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BM0
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.346 ng

RT: 21.23 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BM017248.D

Acq: 20 Oct 2018 03:36

Instrument :

BNA_M

ClientSampleId :

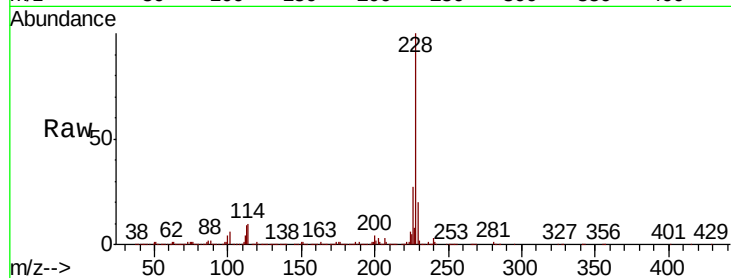
Tot Ion:228 Resp: 4001569

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.4	32.0
229	19.7	15.9	23.9

228 100

226 26.7 21.4 32.0

229 19.7 15.9 23.9

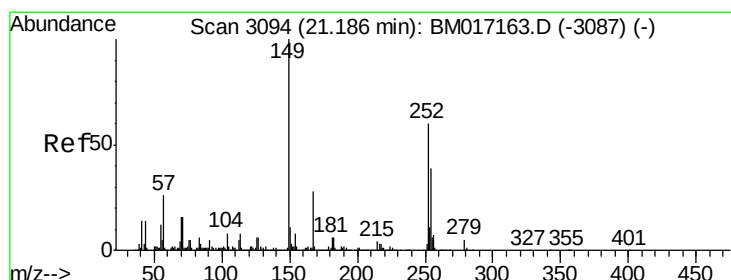
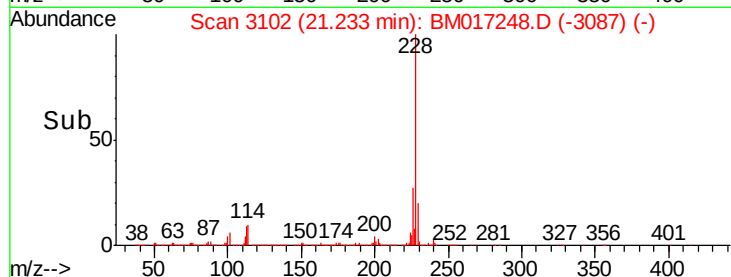
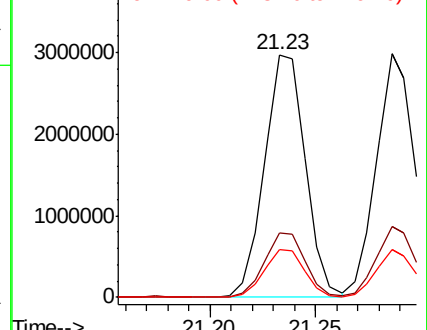


Abundance

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: 26.639 ng

RT: 21.17 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BM017248.D

Acq: 20 Oct 2018 03:36

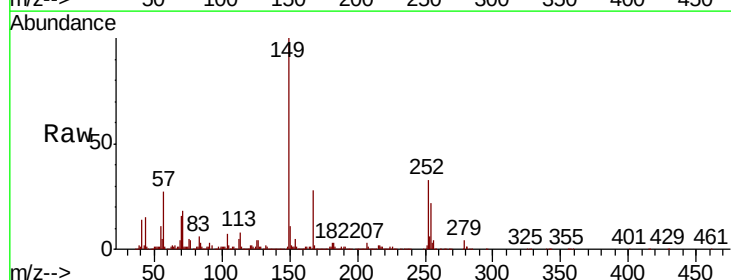
Tgt Ion:252 Resp: 895907

Ion	Ratio	Lower	Upper
252	100		
254	65.3	52.1	78.1
126	11.4	8.6	12.8

252 100

254 65.3 52.1 78.1

126 11.4 8.6 12.8

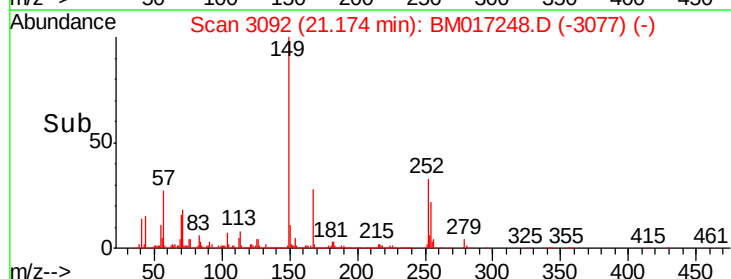
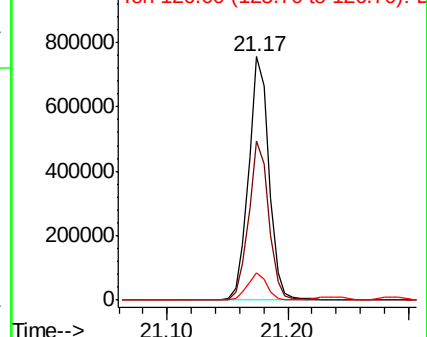


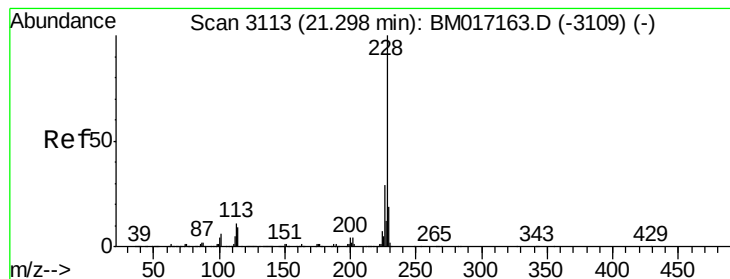
Abundance

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: 41.982 ng

RT: 21.29 min Scan# 3111

Delta R.T. -0.01 min

Lab File: BM017248.D

Acq: 20 Oct 2018 03:36

Instrument :

BNA_M

ClientSampleId :

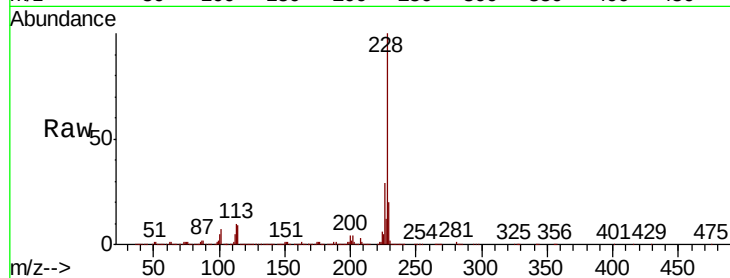
Tot Ion:228 Resp: 3749590

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.3	34.9
229	19.8	15.6	23.4

228 100

226 29.0 23.3 34.9

229 19.8 15.6 23.4

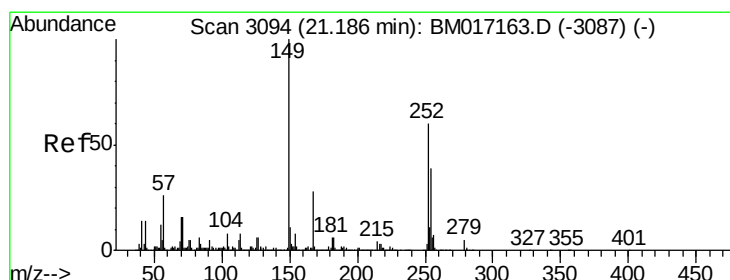
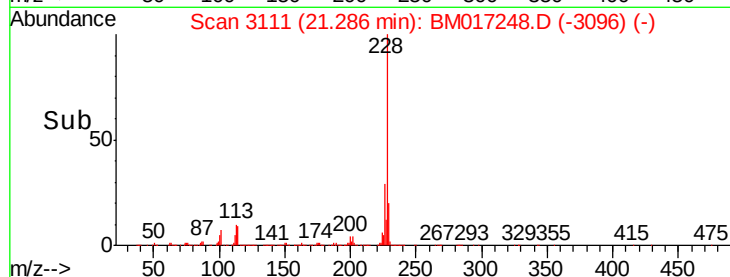
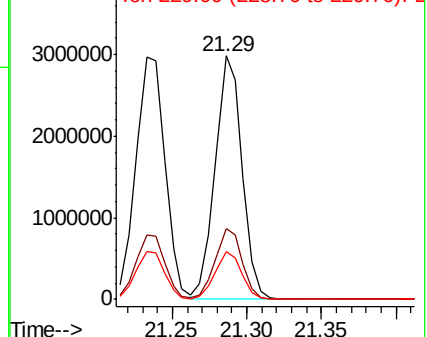


Abundance

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: 46.843 ng

RT: 21.17 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BM017248.D

Acq: 20 Oct 2018 03:36

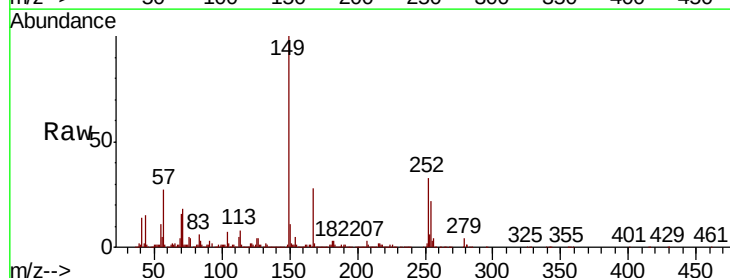
Tgt Ion:149 Resp: 2436687

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.2	33.4
279	4.4	3.6	5.4

149 100

167 27.9 22.2 33.4

279 4.4 3.6 5.4

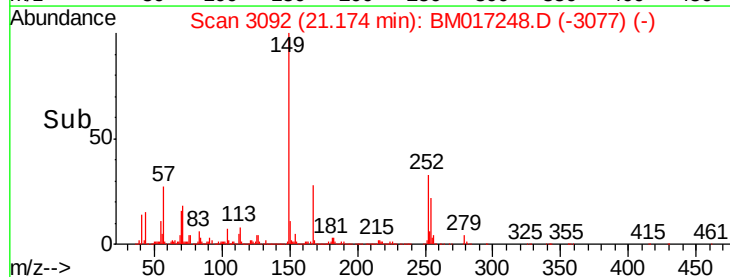
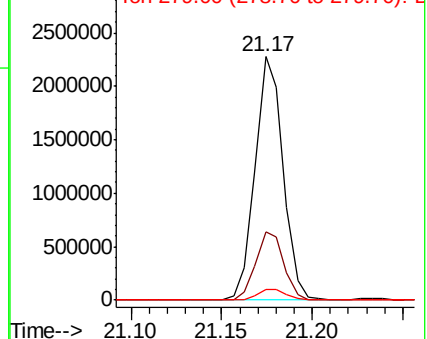


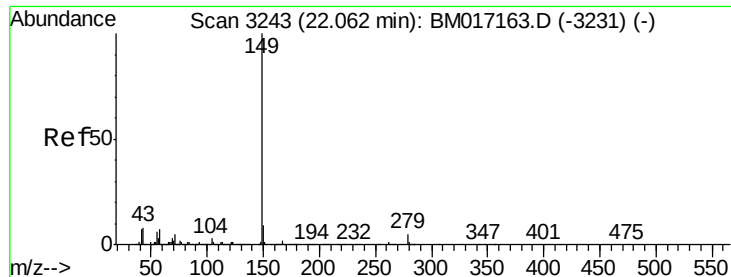
Abundance

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: 42.524 ng

RT: 22.05 min Scan# 3241

Delta R.T. -0.01 min

Lab File: BM017248.D

Acq: 20 Oct 2018 03:36

Instrument :

BNA_M

ClientSampleId :

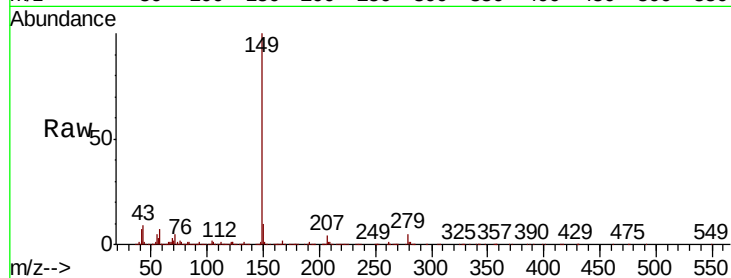
Tot Ion:149 Resp: 3695428

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

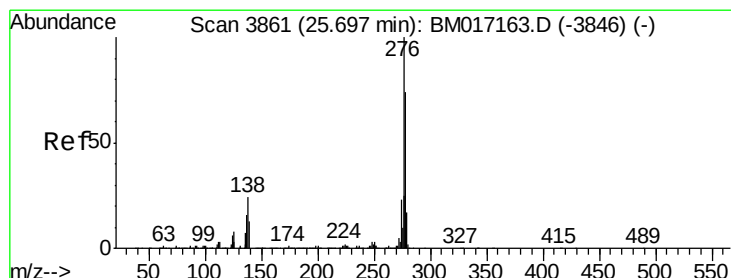
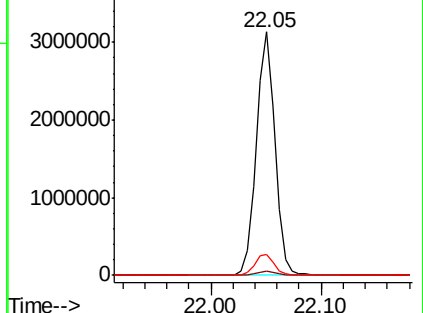
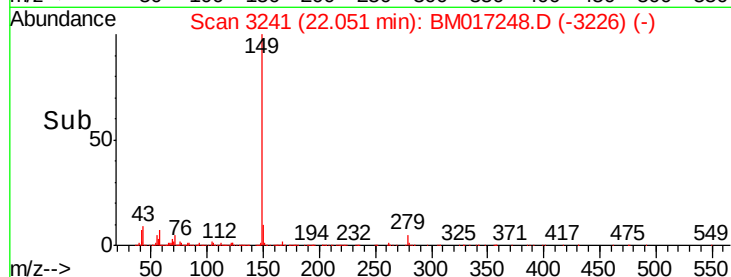
43 8.9 7.2 10.8



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: 32.949 ng

RT: 25.67 min Scan# 3857

Delta R.T. -0.02 min

Lab File: BM017248.D

Acq: 20 Oct 2018 03:36

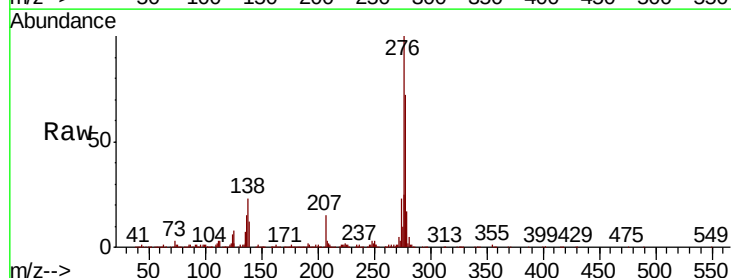
Tgt Ion:276 Resp: 3291517

Ion Ratio Lower Upper

276 100

138 22.9 19.5 29.3

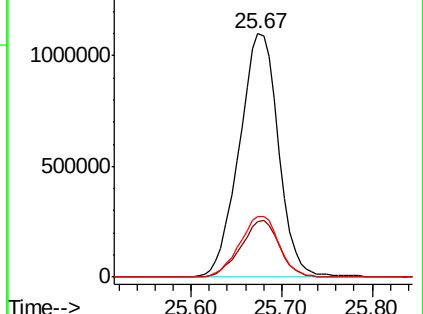
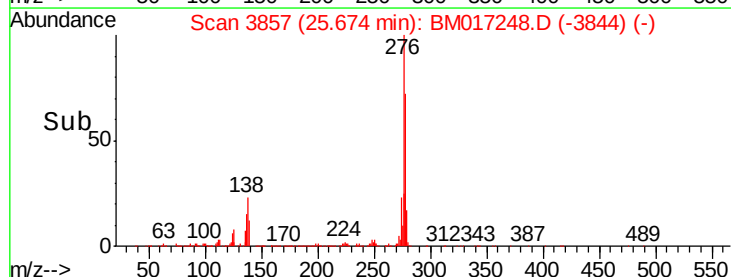
277 25.2 20.1 30.1

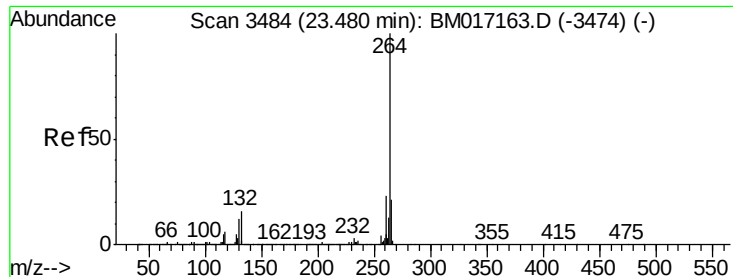


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

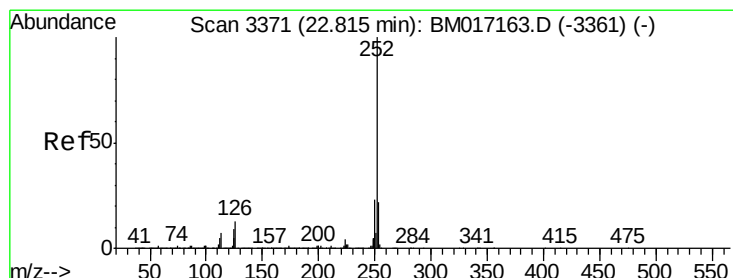
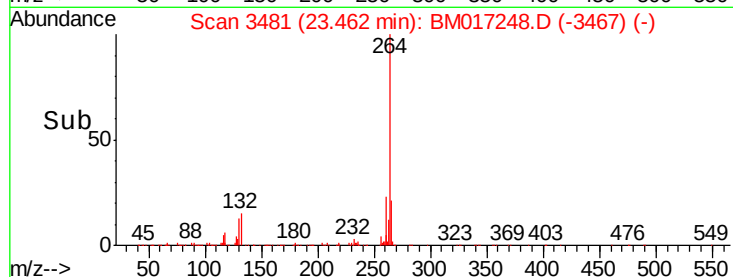
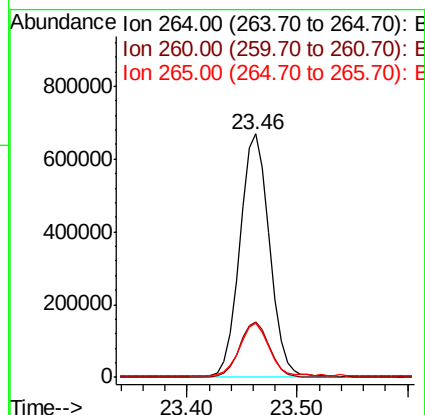
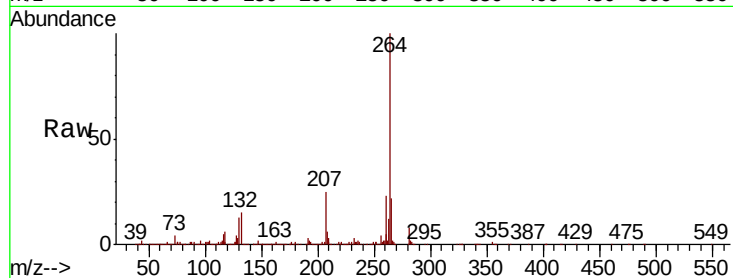




#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3481
Delta R.T. -0.02 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

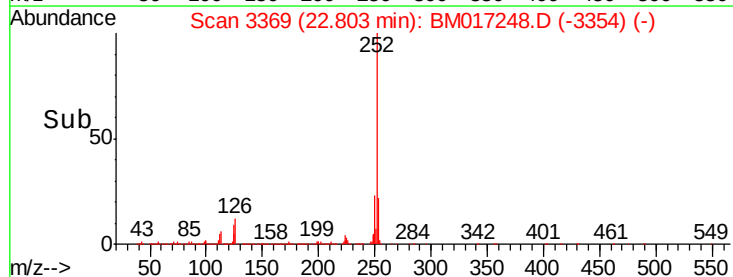
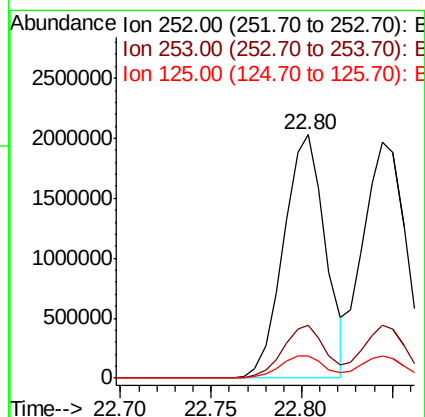
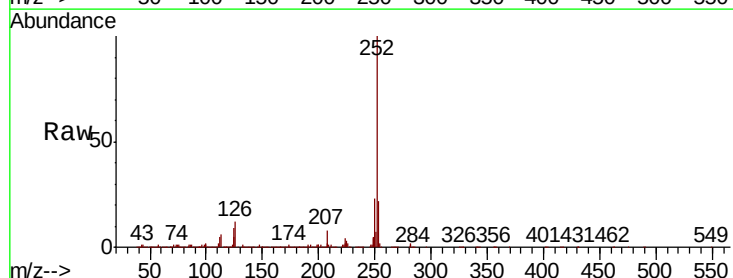
Instrument :
BNA_M
ClientSampleId :

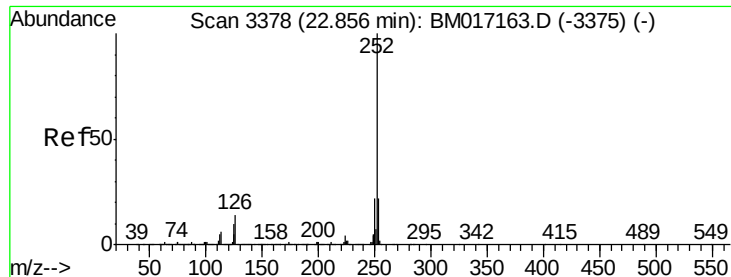
Tot Ion:264 Resp: 1269413
Ion Ratio Lower Upper
264 100
260 22.9 18.6 27.8
265 22.1 17.8 26.8



#88
Benzo(b)fluoranthene
Concen: 47.090 ng
RT: 22.80 min Scan# 3369
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Tgt Ion:252 Resp: 3268218
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 9.2 7.5 11.3

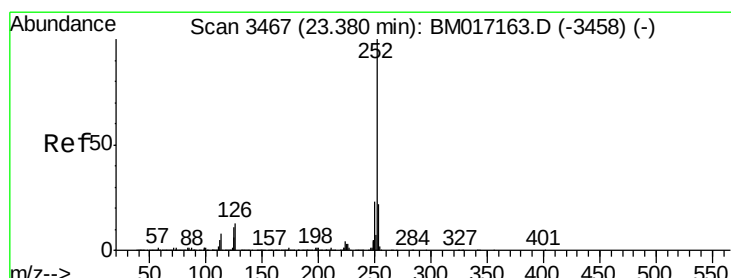
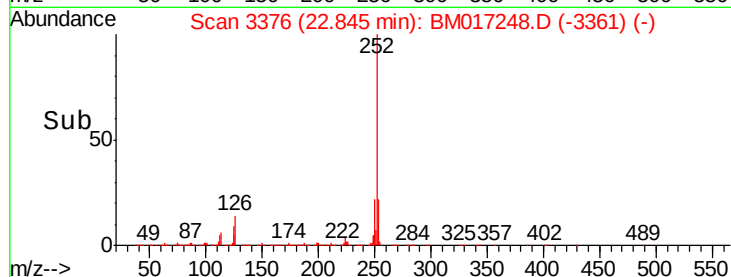
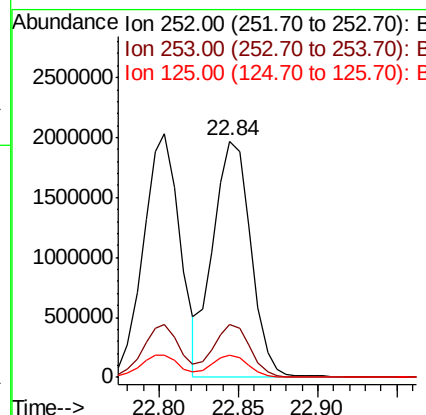
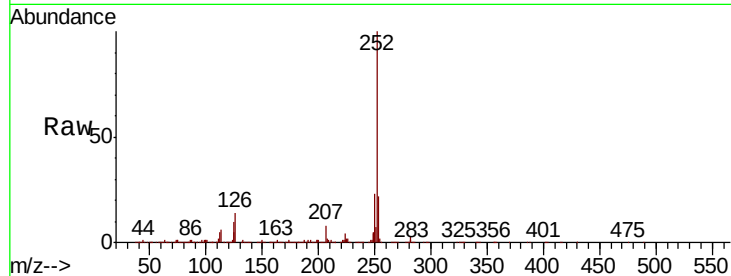




#89
Benzo(k)fluoranthene
Concen: 46.719 ng
RT: 22.84 min Scan# 3376
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

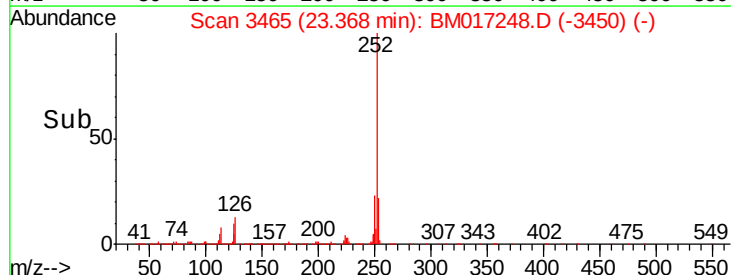
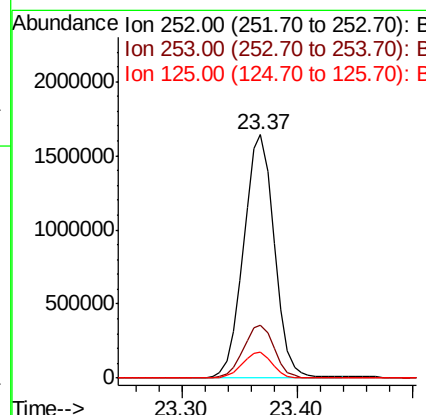
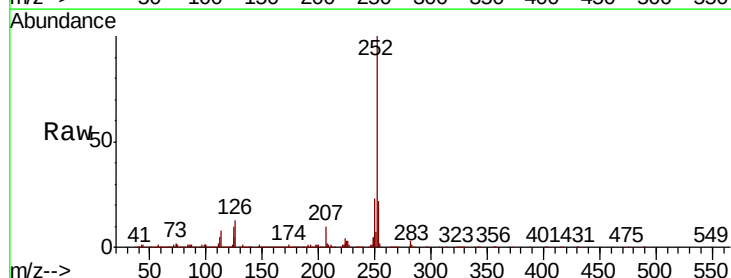
Instrument :
BNA_M
ClientSampleId :

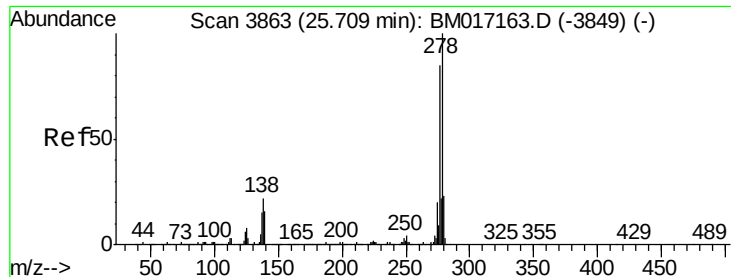
Tot Ion:252 Resp: 3253554
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 9.5 8.2 12.2



#90
Benzo(a)pyrene
Concen: 46.003 ng
RT: 23.37 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Tgt Ion:252 Resp: 3031431
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 10.5 8.6 13.0

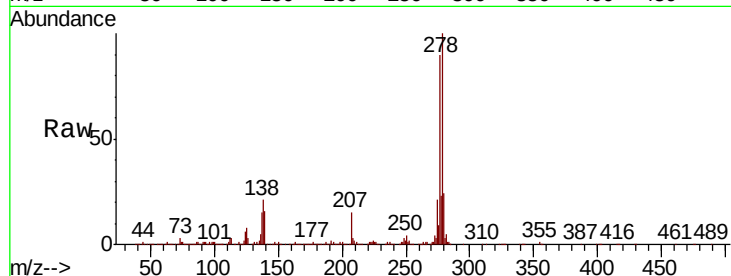




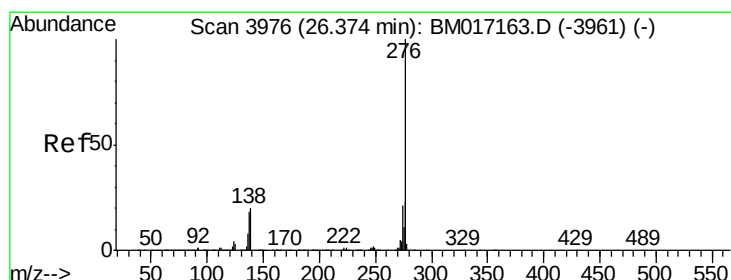
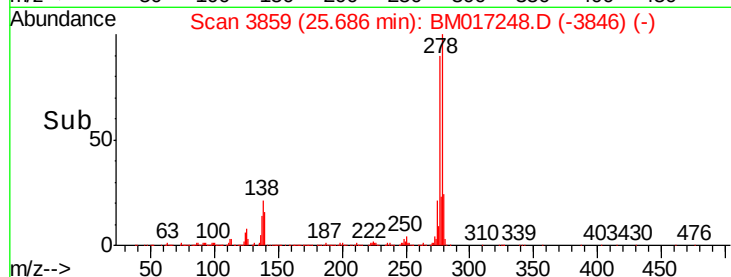
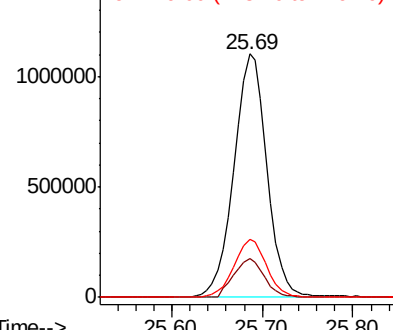
#91
Dibenzo(a,h)anthracene
Concen: 42.486 ng
RT: 25.69 min Scan# 3859
Delta R.T. -0.02 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Instrument :
BNA_M
ClientSampled :

Tot Ion:278 Resp: 2779953
Ion Ratio Lower Upper
278 100
139 15.9 12.7 19.1
279 23.6 18.7 28.1

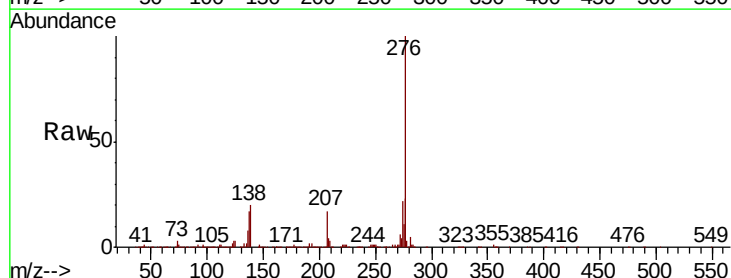


Abundance Ion 278.00 (277.70 to 278.70): E
1500000 Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 42.559 ng
RT: 26.35 min Scan# 3972
Delta R.T. -0.02 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Tgt Ion:276 Resp: 2760024
Ion Ratio Lower Upper
276 100
277 23.3 18.6 28.0
138 19.7 16.4 24.6



Abundance Ion 276.00 (275.70 to 276.70): E
1200000 Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

